

# SAFETY DATA SHEET



SureSelect XT Methyl-Seq Reagent Kits - 16 Reactions, Part Number  
G9651A

## Section 1. Identification

|  |           |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
|--|-----------|--|---------------|-----------|-----------------------|-----------|-------------------------|-----------|-----------------------|-----------|---------------|-----------|-------------------|-----------|--------------------------|-----------|----------|-----------|------------------------------|-----------|------|-----------|--|-----------|-------------------------------------|-----------|--------------------------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|---------------------------|-----------|--------------------------|-----------|--------------------------|-----------|---------------------------|-----------|--------------------|-----------|------------------|-----------|------------------------|-----------|-------------------------------|-----------|-----------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|-------------------------------------|-----------|--|-----------|
| <b>Product identifier</b>                    | :         | SureSelect XT Methyl-Seq Reagent Kits - 16 Reactions, Part Number G9651A   |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| <b>Part No. (Chemical Kit)</b>               | :         | G9651A   |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| <b>Part No.</b>                              | :         | <table border="0"> <tr><td>Exo(-) Klenow</td><td>5190-4926</td></tr> <tr><td>10X End Repair Buffer</td><td>5190-4472</td></tr> <tr><td>5X T4 DNA Ligase Buffer</td><td>5190-4473</td></tr> <tr><td>Klenow DNA Polymerase</td><td>5190-4928</td></tr> <tr><td>T4 DNA Ligase</td><td>5190-4475</td></tr> <tr><td>T4 DNA Polymerase</td><td>5190-4927</td></tr> <tr><td>T4 Polynucleotide Kinase</td><td>5190-4929</td></tr> <tr><td>dNTP Mix</td><td>5190-4931</td></tr> <tr><td>10X Klenow Polymerase Buffer</td><td>5190-4474</td></tr> <tr><td>dATP</td><td>5190-4930</td></tr> <tr><td>SureSelect Methyl-Seq Methylated Adapter</td><td>5190-4965</td></tr> <tr><td>SureSelect Methyl-Seq PCR1 primer F</td><td>5190-4966</td></tr> <tr><td>SureSelect Methyl-Seq PCR Master Mix</td><td>5190-7910</td></tr> <tr><td>SureSelect Hyb 1</td><td>5190-4396</td></tr> <tr><td>SureSelect Hyb 2</td><td>5190-4397</td></tr> <tr><td>SureSelect Hyb 4</td><td>5190-4398</td></tr> <tr><td>SureSelect Binding Buffer</td><td>5190-4399</td></tr> <tr><td>SureSelect Wash Buffer 1</td><td>5190-4400</td></tr> <tr><td>SureSelect Wash Buffer 2</td><td>5190-4401</td></tr> <tr><td>SureSelect Elution Buffer</td><td>5190-4402</td></tr> <tr><td>SureSelect Block 2</td><td>5190-4381</td></tr> <tr><td>SureSelect Hyb 3</td><td>5190-4382</td></tr> <tr><td>SureSelect RNase Block</td><td>5190-4383</td></tr> <tr><td>SureSelect Methyl-Seq Block 3</td><td>5190-5004</td></tr> <tr><td>SureSelect Indexing Block 1</td><td>5190-4427</td></tr> <tr><td>SureSelect 8bp Index H02</td><td>5190-7927</td></tr> <tr><td>SureSelect 8bp Index G02</td><td>5190-7926</td></tr> <tr><td>SureSelect 8bp Index F02</td><td>5190-7925</td></tr> <tr><td>SureSelect 8bp Index E02</td><td>5190-7924</td></tr> <tr><td>SureSelect 8bp Index D02</td><td>5190-7923</td></tr> <tr><td>SureSelect 8bp Index C02</td><td>5190-7922</td></tr> <tr><td>SureSelect 8bp Index B02</td><td>5190-7921</td></tr> <tr><td>SureSelect 8bp Index A02</td><td>5190-7920</td></tr> <tr><td>SureSelect 8bp Index H01</td><td>5190-7919</td></tr> <tr><td>SureSelect 8bp Index G01</td><td>5190-7918</td></tr> <tr><td>SureSelect 8bp Index F01</td><td>5190-7917</td></tr> <tr><td>SureSelect 8bp Index E01</td><td>5190-7916</td></tr> <tr><td>SureSelect 8bp Index D01</td><td>5190-7915</td></tr> <tr><td>SureSelect 8bp Index C01</td><td>5190-7914</td></tr> <tr><td>SureSelect 8bp Index B01</td><td>5190-7913</td></tr> <tr><td>SureSelect 8bp Index A01</td><td>5190-7912</td></tr> <tr><td>SureSelect Methyl-Seq PCR1 Primer R</td><td>5190-4967</td></tr> <tr><td>SureSelect Methyl-Seq Indexing Primer Common</td><td>5190-4968</td></tr> </table> | Exo(-) Klenow | 5190-4926 | 10X End Repair Buffer | 5190-4472 | 5X T4 DNA Ligase Buffer | 5190-4473 | Klenow DNA Polymerase | 5190-4928 | T4 DNA Ligase | 5190-4475 | T4 DNA Polymerase | 5190-4927 | T4 Polynucleotide Kinase | 5190-4929 | dNTP Mix | 5190-4931 | 10X Klenow Polymerase Buffer | 5190-4474 | dATP | 5190-4930 | SureSelect Methyl-Seq Methylated Adapter | 5190-4965 | SureSelect Methyl-Seq PCR1 primer F | 5190-4966 | SureSelect Methyl-Seq PCR Master Mix | 5190-7910 | SureSelect Hyb 1 | 5190-4396 | SureSelect Hyb 2 | 5190-4397 | SureSelect Hyb 4 | 5190-4398 | SureSelect Binding Buffer | 5190-4399 | SureSelect Wash Buffer 1 | 5190-4400 | SureSelect Wash Buffer 2 | 5190-4401 | SureSelect Elution Buffer | 5190-4402 | SureSelect Block 2 | 5190-4381 | SureSelect Hyb 3 | 5190-4382 | SureSelect RNase Block | 5190-4383 | SureSelect Methyl-Seq Block 3 | 5190-5004 | SureSelect Indexing Block 1 | 5190-4427 | SureSelect 8bp Index H02 | 5190-7927 | SureSelect 8bp Index G02 | 5190-7926 | SureSelect 8bp Index F02 | 5190-7925 | SureSelect 8bp Index E02 | 5190-7924 | SureSelect 8bp Index D02 | 5190-7923 | SureSelect 8bp Index C02 | 5190-7922 | SureSelect 8bp Index B02 | 5190-7921 | SureSelect 8bp Index A02 | 5190-7920 | SureSelect 8bp Index H01 | 5190-7919 | SureSelect 8bp Index G01 | 5190-7918 | SureSelect 8bp Index F01 | 5190-7917 | SureSelect 8bp Index E01 | 5190-7916 | SureSelect 8bp Index D01 | 5190-7915 | SureSelect 8bp Index C01 | 5190-7914 | SureSelect 8bp Index B01 | 5190-7913 | SureSelect 8bp Index A01 | 5190-7912 | SureSelect Methyl-Seq PCR1 Primer R | 5190-4967 | SureSelect Methyl-Seq Indexing Primer Common | 5190-4968 |
| Exo(-) Klenow                                | 5190-4926 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| 10X End Repair Buffer                        | 5190-4472 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| 5X T4 DNA Ligase Buffer                      | 5190-4473 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| Klenow DNA Polymerase                        | 5190-4928 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| T4 DNA Ligase                                | 5190-4475 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| T4 DNA Polymerase                            | 5190-4927 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| T4 Polynucleotide Kinase                     | 5190-4929 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| dNTP Mix                                     | 5190-4931 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| 10X Klenow Polymerase Buffer                 | 5190-4474 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| dATP   | 5190-4930 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Methyl-Seq Methylated Adapter     | 5190-4965 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Methyl-Seq PCR1 primer F          | 5190-4966 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Methyl-Seq PCR Master Mix         | 5190-7910 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Hyb 1                             | 5190-4396 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Hyb 2                             | 5190-4397 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Hyb 4                             | 5190-4398 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Binding Buffer                    | 5190-4399 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Wash Buffer 1                     | 5190-4400 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Wash Buffer 2                     | 5190-4401 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Elution Buffer                    | 5190-4402 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Block 2                           | 5190-4381 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Hyb 3                             | 5190-4382 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect RNase Block                       | 5190-4383 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Methyl-Seq Block 3                | 5190-5004 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Indexing Block 1                  | 5190-4427 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index H02                     | 5190-7927 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index G02                     | 5190-7926 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index F02                     | 5190-7925 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index E02                     | 5190-7924 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index D02                     | 5190-7923 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index C02                     | 5190-7922 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index B02                     | 5190-7921 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index A02                     | 5190-7920 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index H01                     | 5190-7919 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index G01                     | 5190-7918 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index F01                     | 5190-7917 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index E01                     | 5190-7916 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index D01                     | 5190-7915 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index C01                     | 5190-7914 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index B01                     | 5190-7913 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect 8bp Index A01                     | 5190-7912 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Methyl-Seq PCR1 Primer R          | 5190-4967 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |
| SureSelect Methyl-Seq Indexing Primer Common | 5190-4968 |  |               |           |                       |           |                         |           |                       |           |               |           |                   |           |                          |           |          |           |                              |           |      |           |  |           |                                     |           |                                      |           |                  |           |                  |           |                  |           |                           |           |                          |           |                          |           |                           |           |                    |           |                  |           |                        |           |                               |           |                             |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                          |           |                                     |           |  |           |

**Relevant identified uses of the substance or mixture and uses advised against**

Analytical reagent.

## Section 1. Identification

|  |                         |
|--|-------------------------|
| Exo(-) Klenow                                | 0.053 ml (16 reactions) |
| 10X End Repair Buffer                        | 0.18 ml (16 reactions)  |
| 5X T4 DNA Ligase Buffer                      | 0.35 ml (16 reactions)  |
| Klenow DNA Polymerase                        | 0.036 ml (16 reactions) |
| T4 DNA Ligase                                | 0.028 ml (16 reactions) |
| T4 DNA Polymerase                            | 0.021 ml (16 reactions) |
| T4 Polynucleotide Kinase                     | 0.04 ml (16 reactions)  |
| dNTP Mix                                     | 0.032 ml (16 reactions) |
| 10X Klenow Polymerase Buffer                 | 0.088 ml (16 reactions) |
| dATP   | 0.02 ml (16 reactions)  |
| SureSelect Methyl-Seq Methylated Adapter     | 0.088 ml (16 reactions) |
| SureSelect Methyl-Seq PCR1 primer F          | 0.066 ml (16 reactions) |
| SureSelect Methyl-Seq PCR Master Mix         | 1.32 ml (16 reactions)  |
| SureSelect Hyb 1                             | 0.4 ml                  |
| SureSelect Hyb 2                             | <1.5 ml                 |
| SureSelect Hyb 4                             | 0.208 ml                |
| SureSelect Binding Buffer                    | 13.2 ml                 |
| SureSelect Wash Buffer 1                     | 8 ml                    |
| SureSelect Wash Buffer 2                     | 24 ml                   |
| SureSelect Elution Buffer                    | 0.96 ml                 |
| SureSelect Block 2                           | 0.045 ml                |
| SureSelect Hyb 3                             | 0.16 ml                 |
| SureSelect RNase Block                       | 0.016 ml                |
| SureSelect Methyl-Seq Block 3                | 0.01 ml                 |
| SureSelect Indexing Block 1                  | 0.045 ml                |
| SureSelect 8bp Index H02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index G02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index F02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index E02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index D02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index C02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index B02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index A02                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index H01                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index G01                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index F01                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index E01                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index D01                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index C01                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index B01                     | 0.0125 ml (2 reactions) |
| SureSelect 8bp Index A01                     | 0.0125 ml (2 reactions) |
| SureSelect Methyl-Seq PCR1 Primer R          | 0.05 ml (16 reactions)  |
| SureSelect Methyl-Seq Indexing Primer Common | 0.05 ml (16 reactions)  |

**Supplier/Manufacturer** : Agilent Technologies Australia Pty Ltd  
679 Springvale Road  
Mulgrave  
Victoria 3170, Australia  
1800 802 402

**Emergency telephone number (with hours of operation)** : CHEMTREC®: +(61)-290372994

**Nota \*** : \*SureSelect 8bp Index A01 through H02: 5190-7912, 5190-7913, 5190-7914, 5190-7915, 5190-7916, 5190-7917, 5190-7918, 5190-7919, 5190-7920, 5190-7921, 5190-7922, 5190-7923, 5190-7924, 5190-7925, 5190-7926, 5190-7927.

## Section 2. Hazard(s) identification

### Classification of the substance or mixture

#### SureSelect Hyb 1

H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

#### SureSelect Hyb 2

H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A  
H373 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE (respiratory tract) - Category 2

#### SureSelect Hyb 4

H402 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 3

#### SureSelect Elution Buffer

H290 CORROSIVE TO METALS - Category 1




|                                      |  |
|--------------------------------------|--|
| Exo(-) Klenow                        | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60% |
| 10X End Repair Buffer                | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%      |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30% |
| 5X T4 DNA Ligase Buffer              | Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%        |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%      |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30% |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%        |
| Klenow DNA Polymerase                | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60% |
| T4 DNA Ligase                        | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60% |
| T4 DNA Polymerase                    | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60% |
| T4 Polynucleotide Kinase             | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60% |
| dNTP Mix                             | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%      |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%  |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%        |
| 10X Klenow Polymerase Buffer         | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%      |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%  |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%        |
| SureSelect Methyl-Seq PCR Master Mix | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%  |
| SureSelect Hyb 1                     | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%      |
|                                      | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30% |
| SureSelect Hyb 2                     | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 10 - 30%     |
| SureSelect Hyb 4                     | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%      |
| SureSelect Binding Buffer            | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%  |
| SureSelect Hyb 3                     | Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%      |

## Section 2. Hazard(s) identification

|                              |   |
|------------------------------|---|
| SureSelect RNase Block       | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%             |
| 10X End Repair Buffer        | Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%                   |
| 5X T4 DNA Ligase Buffer      | Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%            |
| dNTP Mix                     | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 7.9% |
| 10X Klenow Polymerase Buffer | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 3.9% |
| SureSelect Hyb 3             | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 4.8% |
|                              | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 7.9% |
|                              | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1%   |

### GHS label elements

#### Hazard pictograms

|                           |   |
|---------------------------|---|
| : SureSelect Hyb 1        |    |
| SureSelect Hyb 2          |  |
| SureSelect Elution Buffer |  |

#### Signal word

|  |                 |
|--|-----------------|
| : Exo(-) Klenow                          | No signal word. |
| 10X End Repair Buffer                    | No signal word. |
| 5X T4 DNA Ligase Buffer                  | No signal word. |
| Klenow DNA Polymerase                    | No signal word. |
| T4 DNA Ligase                            | No signal word. |
| T4 DNA Polymerase                        | No signal word. |
| T4 Polynucleotide Kinase                 | No signal word. |
| dNTP Mix                                 | No signal word. |
| 10X Klenow Polymerase Buffer             | No signal word. |
| dATP                                     | No signal word. |
| SureSelect Methyl-Seq Methylated Adapter | No signal word. |
| SureSelect Methyl-Seq PCR1 primer F      | No signal word. |
| SureSelect Methyl-Seq PCR Master Mix     | No signal word. |
| SureSelect Hyb 1                         | WARNING         |
| SureSelect Hyb 2                         | WARNING         |
| SureSelect Hyb 4                         | No signal word. |
| SureSelect Binding Buffer                | No signal word. |
| SureSelect Wash Buffer 1                 | No signal word. |
| SureSelect Wash Buffer 2                 | No signal word. |
| SureSelect Elution Buffer                | WARNING         |
| SureSelect Block 2                       | No signal word. |
| SureSelect Hyb 3                         | No signal word. |
| SureSelect RNase Block                   | No signal word. |
| SureSelect Methyl-Seq Block 3            | No signal word. |

## Section 2. Hazard(s) identification

|                          |   |   |
|--------------------------|---|---|
|                          | SureSelect Indexing Block 1                     | No signal word.   |
|                          | SureSelect 8bp Index H02                        | No signal word.   |
|                          | SureSelect 8bp Index G02                        | No signal word.   |
|                          | SureSelect 8bp Index F02                        | No signal word.   |
|                          | SureSelect 8bp Index E02                        | No signal word.   |
|                          | SureSelect 8bp Index D02                        | No signal word.   |
|                          | SureSelect 8bp Index C02                        | No signal word.   |
|                          | SureSelect 8bp Index B02                        | No signal word.   |
|                          | SureSelect 8bp Index A02                        | No signal word.   |
|                          | SureSelect 8bp Index H01                        | No signal word.   |
|                          | SureSelect 8bp Index G01                        | No signal word.   |
|                          | SureSelect 8bp Index F01                        | No signal word.   |
|                          | SureSelect 8bp Index E01                        | No signal word.   |
|                          | SureSelect 8bp Index D01                        | No signal word.   |
|                          | SureSelect 8bp Index C01                        | No signal word.   |
|                          | SureSelect 8bp Index B01                        | No signal word.   |
|                          | SureSelect 8bp Index A01                        | No signal word.   |
|                          | SureSelect Methyl-Seq<br>PCR1 Primer R          | No signal word.   |
|                          | SureSelect Methyl-Seq<br>Indexing Primer Common | No signal word.   |
| <b>Hazard statements</b> | : Exo(-) Klenow                                 | No known significant effects or critical hazards.   |
|                          | 10X End Repair Buffer                           | No known significant effects or critical hazards.   |
|                          | 5X T4 DNA Ligase Buffer                         | No known significant effects or critical hazards.   |
|                          | Klenow DNA Polymerase                           | No known significant effects or critical hazards.   |
|                          | T4 DNA Ligase                                   | No known significant effects or critical hazards.   |
|                          | T4 DNA Polymerase                               | No known significant effects or critical hazards.   |
|                          | T4 Polynucleotide Kinase                        | No known significant effects or critical hazards.   |
|                          | dNTP Mix  | No known significant effects or critical hazards.   |
|                          | 10X Klenow Polymerase<br>Buffer                 | No known significant effects or critical hazards.   |
|                          | dATP  | No known significant effects or critical hazards.   |
|                          | SureSelect Methyl-Seq<br>Methylated Adapter     | No known significant effects or critical hazards.   |
|                          | SureSelect Methyl-Seq<br>PCR1 primer F          | No known significant effects or critical hazards.   |
|                          | SureSelect Methyl-Seq PCR<br>Master Mix         | No known significant effects or critical hazards.   |
|                          | SureSelect Hyb 1                                | H319 - Causes serious eye irritation.   |
|                          | SureSelect Hyb 2                                | H319 - Causes serious eye irritation.<br>H373 - May cause damage to organs through<br>prolonged or repeated exposure. (respiratory tract) |
|                          | SureSelect Hyb 4                                | H402 - Harmful to aquatic life.   |
|                          | SureSelect Binding Buffer                       | No known significant effects or critical hazards.   |
|                          | SureSelect Wash Buffer 1                        | No known significant effects or critical hazards.   |
|                          | SureSelect Wash Buffer 2                        | No known significant effects or critical hazards.   |
|                          | SureSelect Elution Buffer                       | H290 - May be corrosive to metals.  |
|                          | SureSelect Block 2                              | No known significant effects or critical hazards.   |
|                          | SureSelect Hyb 3                                | No known significant effects or critical hazards.   |
|                          | SureSelect RNase Block                          | No known significant effects or critical hazards.   |
|                          | SureSelect Methyl-Seq<br>Block 3                | No known significant effects or critical hazards.   |
|                          | SureSelect Indexing Block 1                     | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index H02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index G02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index F02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index E02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index D02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index C02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index B02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index A02                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index H01                        | No known significant effects or critical hazards.   |
|                          | SureSelect 8bp Index G01                        | No known significant effects or critical hazards.   |

## Section 2. Hazard(s) identification

|   |   |
|---|---|
| SureSelect 8bp Index F01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                        | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | No known significant effects or critical hazards. |

### Precautionary statements

#### Prevention

|   |  |
|---|--|
| : Exo(-) Klenow                             | Not applicable.  |
| 10X End Repair Buffer                       | Not applicable.  |
| 5X T4 DNA Ligase Buffer                     | Not applicable.  |
| Klenow DNA Polymerase                       | Not applicable.  |
| T4 DNA Ligase                               | Not applicable.  |
| T4 DNA Polymerase                           | Not applicable.  |
| T4 Polynucleotide Kinase                    | Not applicable.  |
| dNTP Mix                                    | Not applicable.  |
| 10X Klenow Polymerase<br>Buffer             | Not applicable.  |
| dATP  | Not applicable.  |
| SureSelect Methyl-Seq<br>Methylated Adapter | Not applicable.  |
| SureSelect Methyl-Seq<br>PCR1 primer F      | Not applicable.  |
| SureSelect Methyl-Seq PCR<br>Master Mix     | Not applicable.  |
| SureSelect Hyb 1                            | P280 - Wear eye or face protection.<br>P264 - Wash hands thoroughly after handling.                                  |
| SureSelect Hyb 2                            | P280 - Wear eye or face protection.<br>P260 - Do not breathe vapour.<br>P264 - Wash hands thoroughly after handling. |
| SureSelect Hyb 4                            | P273 - Avoid release to the environment.   |
| SureSelect Binding Buffer                   | Not applicable.  |
| SureSelect Wash Buffer 1                    | Not applicable.  |
| SureSelect Wash Buffer 2                    | Not applicable.  |
| SureSelect Elution Buffer                   | P234 - Keep only in original container.  |
| SureSelect Block 2                          | Not applicable.  |
| SureSelect Hyb 3                            | Not applicable.  |
| SureSelect RNase Block                      | Not applicable.  |
| SureSelect Methyl-Seq<br>Block 3            | Not applicable.  |
| SureSelect Indexing Block 1                 | Not applicable.  |
| SureSelect 8bp Index H02                    | Not applicable.  |
| SureSelect 8bp Index G02                    | Not applicable.  |
| SureSelect 8bp Index F02                    | Not applicable.  |
| SureSelect 8bp Index E02                    | Not applicable.  |
| SureSelect 8bp Index D02                    | Not applicable.  |
| SureSelect 8bp Index C02                    | Not applicable.  |
| SureSelect 8bp Index B02                    | Not applicable.  |
| SureSelect 8bp Index A02                    | Not applicable.  |
| SureSelect 8bp Index H01                    | Not applicable.  |
| SureSelect 8bp Index G01                    | Not applicable.  |
| SureSelect 8bp Index F01                    | Not applicable.  |
| SureSelect 8bp Index E01                    | Not applicable.  |
| SureSelect 8bp Index D01                    | Not applicable.  |
| SureSelect 8bp Index C01                    | Not applicable.  |
| SureSelect 8bp Index B01                    | Not applicable.  |
| SureSelect 8bp Index A01                    | Not applicable.  |
| SureSelect Methyl-Seq<br>PCR1 Primer R      | Not applicable.  |



## Section 2. Hazard(s) identification

|  |  |   |
|--|--|---|
| <b>Response</b>                              | SureSelect Methyl-Seq Indexing Primer Common | Not applicable.   |
|  | Exo(-) Klenow                                | Not applicable.   |
|  | 10X End Repair Buffer                        | Not applicable.   |
|  | 5X T4 DNA Ligase Buffer                      | Not applicable.   |
|  | Klenow DNA Polymerase                        | Not applicable.   |
|  | T4 DNA Ligase                                | Not applicable.   |
|  | T4 DNA Polymerase                            | Not applicable.   |
|  | T4 Polynucleotide Kinase                     | Not applicable.   |
|  | dNTP Mix                                     | Not applicable.   |
|  | 10X Klenow Polymerase Buffer                 | Not applicable.   |
|  | dATP   | Not applicable.   |
|  | SureSelect Methyl-Seq Methylated Adapter     | Not applicable.   |
|  | SureSelect Methyl-Seq PCR1 primer F          | Not applicable.   |
|  | SureSelect Methyl-Seq PCR Master Mix         | Not applicable.   |
|  | SureSelect Hyb 1                             | P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.  |
|  | SureSelect Hyb 2                             | P314 - Get medical attention if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention. |
|  | SureSelect Hyb 4                             | Not applicable.   |
|  | SureSelect Binding Buffer                    | Not applicable.   |
|  | SureSelect Wash Buffer 1                     | Not applicable.   |
|  | SureSelect Wash Buffer 2                     | Not applicable.   |
|  | SureSelect Elution Buffer                    | P390 - Absorb spillage to prevent material damage.  |
|  | SureSelect Block 2                           | Not applicable.   |
|  | SureSelect Hyb 3                             | Not applicable.   |
|  | SureSelect RNase Block                       | Not applicable.   |
|  | SureSelect Methyl-Seq Block 3                | Not applicable.   |
|  | SureSelect Indexing Block 1                  | Not applicable.   |
|  | SureSelect 8bp Index H02                     | Not applicable.   |
|  | SureSelect 8bp Index G02                     | Not applicable.   |
|  | SureSelect 8bp Index F02                     | Not applicable.   |
|  | SureSelect 8bp Index E02                     | Not applicable.   |
|  | SureSelect 8bp Index D02                     | Not applicable.   |
|  | SureSelect 8bp Index C02                     | Not applicable.   |
|  | SureSelect 8bp Index B02                     | Not applicable.   |
| SureSelect 8bp Index A02                     | Not applicable.                              |   |
| SureSelect 8bp Index H01                     | Not applicable.                              |   |
| SureSelect 8bp Index G01                     | Not applicable.                              |   |
| SureSelect 8bp Index F01                     | Not applicable.                              |   |
| SureSelect 8bp Index E01                     | Not applicable.                              |   |
| SureSelect 8bp Index D01                     | Not applicable.                              |   |
| SureSelect 8bp Index C01                     | Not applicable.                              |   |
| SureSelect 8bp Index B01                     | Not applicable.                              |   |
| SureSelect 8bp Index A01                     | Not applicable.                              |   |
| SureSelect Methyl-Seq PCR1 Primer R          | Not applicable.                              |   |
| SureSelect Methyl-Seq Indexing Primer Common | Not applicable.                              |   |





## Section 2. Hazard(s) identification

|  |  |
|--|--|
| Methylated Adapter                           |  |
| SureSelect Methyl-Seq PCR1 primer F          | Not applicable.  |
| SureSelect Methyl-Seq PCR Master Mix         | Not applicable.  |
| SureSelect Hyb 1                             | Not applicable.  |
| SureSelect Hyb 2                             | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| SureSelect Hyb 4                             | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| SureSelect Binding Buffer                    | Not applicable.  |
| SureSelect Wash Buffer 1                     | Not applicable.  |
| SureSelect Wash Buffer 2                     | Not applicable.  |
| SureSelect Elution Buffer                    | Not applicable.  |
| SureSelect Block 2                           | Not applicable.  |
| SureSelect Hyb 3                             | Not applicable.  |
| SureSelect RNase Block                       | Not applicable.  |
| SureSelect Methyl-Seq Block 3                | Not applicable.  |
| SureSelect Indexing Block 1                  | Not applicable.  |
| SureSelect 8bp Index H02                     | Not applicable.  |
| SureSelect 8bp Index G02                     | Not applicable.  |
| SureSelect 8bp Index F02                     | Not applicable.  |
| SureSelect 8bp Index E02                     | Not applicable.  |
| SureSelect 8bp Index D02                     | Not applicable.  |
| SureSelect 8bp Index C02                     | Not applicable.  |
| SureSelect 8bp Index B02                     | Not applicable.  |
| SureSelect 8bp Index A02                     | Not applicable.  |
| SureSelect 8bp Index H01                     | Not applicable.  |
| SureSelect 8bp Index G01                     | Not applicable.  |
| SureSelect 8bp Index F01                     | Not applicable.  |
| SureSelect 8bp Index E01                     | Not applicable.  |
| SureSelect 8bp Index D01                     | Not applicable.  |
| SureSelect 8bp Index C01                     | Not applicable.  |
| SureSelect 8bp Index B01                     | Not applicable.  |
| SureSelect 8bp Index A01                     | Not applicable.  |
| SureSelect Methyl-Seq PCR1 Primer R          | Not applicable.  |
| SureSelect Methyl-Seq Indexing Primer Common | Not applicable.  |

**Supplemental label elements**

**Additional warning phrases**

|  |                 |
|--|-----------------|
| : Exo(-) Klenow                          | Not applicable. |
| 10X End Repair Buffer                    | Not applicable. |
| 5X T4 DNA Ligase Buffer                  | Not applicable. |
| Klenow DNA Polymerase                    | Not applicable. |
| T4 DNA Ligase                            | Not applicable. |
| T4 DNA Polymerase                        | Not applicable. |
| T4 Polynucleotide Kinase                 | Not applicable. |
| dNTP Mix                                 | Not applicable. |
| 10X Klenow Polymerase Buffer             | Not applicable. |
| dATP                                     | Not applicable. |
| SureSelect Methyl-Seq Methylated Adapter | Not applicable. |
| SureSelect Methyl-Seq PCR1 primer F      | Not applicable. |
| SureSelect Methyl-Seq PCR Master Mix     | Not applicable. |
| SureSelect Hyb 1                         | Not applicable. |

## Section 2. Hazard(s) identification

|  |                 |
|--|-----------------|
| SureSelect Hyb 2                             | Not applicable. |
| SureSelect Hyb 4                             | Not applicable. |
| SureSelect Binding Buffer                    | Not applicable. |
| SureSelect Wash Buffer 1                     | Not applicable. |
| SureSelect Wash Buffer 2                     | Not applicable. |
| SureSelect Elution Buffer                    | Not applicable. |
| SureSelect Block 2                           | Not applicable. |
| SureSelect Hyb 3                             | Not applicable. |
| SureSelect RNase Block                       | Not applicable. |
| SureSelect Methyl-Seq Block 3                | Not applicable. |
| SureSelect Indexing Block 1                  | Not applicable. |
| SureSelect 8bp Index H02                     | Not applicable. |
| SureSelect 8bp Index G02                     | Not applicable. |
| SureSelect 8bp Index F02                     | Not applicable. |
| SureSelect 8bp Index E02                     | Not applicable. |
| SureSelect 8bp Index D02                     | Not applicable. |
| SureSelect 8bp Index C02                     | Not applicable. |
| SureSelect 8bp Index B02                     | Not applicable. |
| SureSelect 8bp Index A02                     | Not applicable. |
| SureSelect 8bp Index H01                     | Not applicable. |
| SureSelect 8bp Index G01                     | Not applicable. |
| SureSelect 8bp Index F01                     | Not applicable. |
| SureSelect 8bp Index E01                     | Not applicable. |
| SureSelect 8bp Index D01                     | Not applicable. |
| SureSelect 8bp Index C01                     | Not applicable. |
| SureSelect 8bp Index B01                     | Not applicable. |
| SureSelect 8bp Index A01                     | Not applicable. |
| SureSelect Methyl-Seq PCR1 Primer R          | Not applicable. |
| SureSelect Methyl-Seq Indexing Primer Common | Not applicable. |

### Other hazards which do not result in classification

|  |             |
|--|-------------|
| Exo(-) Klenow                            | None known. |
| 10X End Repair Buffer                    | None known. |
| 5X T4 DNA Ligase Buffer                  | None known. |
| Klenow DNA Polymerase                    | None known. |
| T4 DNA Ligase                            | None known. |
| T4 DNA Polymerase                        | None known. |
| T4 Polynucleotide Kinase                 | None known. |
| dNTP Mix                                 | None known. |
| 10X Klenow Polymerase Buffer             | None known. |
| dATP                                     | None known. |
| SureSelect Methyl-Seq Methylated Adapter | None known. |
| SureSelect Methyl-Seq PCR1 primer F      | None known. |
| SureSelect Methyl-Seq PCR Master Mix     | None known. |
| SureSelect Hyb 1                         | None known. |
| SureSelect Hyb 2                         | None known. |
| SureSelect Hyb 4                         | None known. |
| SureSelect Binding Buffer                | None known. |
| SureSelect Wash Buffer 1                 | None known. |
| SureSelect Wash Buffer 2                 | None known. |
| SureSelect Elution Buffer                | None known. |
| SureSelect Block 2                       | None known. |
| SureSelect Hyb 3                         | None known. |
| SureSelect RNase Block                   | None known. |
| SureSelect Methyl-Seq Block 3            | None known. |
| SureSelect Indexing Block 1              | None known. |

## Section 2. Hazard(s) identification

|  |             |
|--|-------------|
| SureSelect 8bp Index H02                     | None known. |
| SureSelect 8bp Index G02                     | None known. |
| SureSelect 8bp Index F02                     | None known. |
| SureSelect 8bp Index E02                     | None known. |
| SureSelect 8bp Index D02                     | None known. |
| SureSelect 8bp Index C02                     | None known. |
| SureSelect 8bp Index B02                     | None known. |
| SureSelect 8bp Index A02                     | None known. |
| SureSelect 8bp Index H01                     | None known. |
| SureSelect 8bp Index G01                     | None known. |
| SureSelect 8bp Index F01                     | None known. |
| SureSelect 8bp Index E01                     | None known. |
| SureSelect 8bp Index D01                     | None known. |
| SureSelect 8bp Index C01                     | None known. |
| SureSelect 8bp Index B01                     | None known. |
| SureSelect 8bp Index A01                     | None known. |
| SureSelect Methyl-Seq PCR1 Primer R          | None known. |
| SureSelect Methyl-Seq Indexing Primer Common | None known. |

## Section 3. Composition and ingredient information

| Substance/mixture |  |         |
|-------------------|--|---------|
|                   | Exo(-) Klenow                            | Mixture |
|                   | 10X End Repair Buffer                    | Mixture |
|                   | 5X T4 DNA Ligase Buffer                  | Mixture |
|                   | Klenow DNA Polymerase                    | Mixture |
|                   | T4 DNA Ligase                            | Mixture |
|                   | T4 DNA Polymerase                        | Mixture |
|                   | T4 Polynucleotide Kinase                 | Mixture |
|                   | dNTP Mix                                 | Mixture |
|                   | 10X Klenow Polymerase Buffer             | Mixture |
|                   | dATP                                     | Mixture |
|                   | SureSelect Methyl-Seq Methylated Adapter | Mixture |
|                   | SureSelect Methyl-Seq PCR1 primer F      | Mixture |
|                   | SureSelect Methyl-Seq PCR Master Mix     | Mixture |
|                   | SureSelect Hyb 1                         | Mixture |
|                   | SureSelect Hyb 2                         | Mixture |
|                   | SureSelect Hyb 4                         | Mixture |
|                   | SureSelect Binding Buffer                | Mixture |
|                   | SureSelect Wash Buffer 1                 | Mixture |
|                   | SureSelect Wash Buffer 2                 | Mixture |
|                   | SureSelect Elution Buffer                | Mixture |
|                   | SureSelect Block 2                       | Mixture |
|                   | SureSelect Hyb 3                         | Mixture |
|                   | SureSelect RNase Block                   | Mixture |
|                   | SureSelect Methyl-Seq Block 3            | Mixture |
|                   | SureSelect Indexing Block 1              | Mixture |
|                   | SureSelect 8bp Index H02                 | Mixture |
|                   | SureSelect 8bp Index G02                 | Mixture |
|                   | SureSelect 8bp Index F02                 | Mixture |
|                   | SureSelect 8bp Index E02                 | Mixture |
|                   | SureSelect 8bp Index D02                 | Mixture |
|                   | SureSelect 8bp Index C02                 | Mixture |
|                   | SureSelect 8bp Index B02                 | Mixture |
|                   | SureSelect 8bp Index A02                 | Mixture |
|                   | SureSelect 8bp Index H01                 | Mixture |
|                   | SureSelect 8bp Index G01                 | Mixture |
|                   | SureSelect 8bp Index F01                 | Mixture |
|                   | SureSelect 8bp Index E01                 | Mixture |

### Section 3. Composition and ingredient information

|  |         |
|--|---------|
| SureSelect 8bp Index D01                     | Mixture |
| SureSelect 8bp Index C01                     | Mixture |
| SureSelect 8bp Index B01                     | Mixture |
| SureSelect 8bp Index A01                     | Mixture |
| SureSelect Methyl-Seq                        | Mixture |
| PCR1 Primer R                                |         |
| SureSelect Methyl-Seq Indexing Primer Common | Mixture |

**CAS number/other identifiers**

| Ingredient name  | % (w/w)   | CAS number |
|--|-----------|------------|
| <b>Exo(-) Klenow</b><br>Glycerol   | ≥30 - ≤60 | 56-81-5    |
| <b>5X T4 DNA Ligase Buffer</b><br>Polyethylene glycol                        | ≥10 - ≤30 | 25322-68-3 |
| <b>Klenow DNA Polymerase</b><br>Glycerol                                     | ≥30 - ≤60 | 56-81-5    |
| <b>T4 DNA Ligase</b><br>Glycerol   | ≥30 - ≤60 | 56-81-5    |
| <b>T4 DNA Polymerase</b><br>Glycerol   | ≥30 - ≤60 | 56-81-5    |
| <b>T4 Polynucleotide Kinase</b><br>Glycerol                                  | ≥30 - ≤60 | 56-81-5    |
| <b>SureSelect Methyl-Seq PCR Master Mix</b><br>Glycerol                      | ≤10       | 56-81-5    |
| <b>SureSelect Hyb 1</b><br>Sodium chloride                                   | ≥10 - ≤30 | 7647-14-5  |
| <b>SureSelect Hyb 2</b><br>Disodium dihydrogen ethylenediaminetetracetate    | ≥10 - <30 | 139-33-3   |
| <b>SureSelect Hyb 4</b><br>Sulfuric acid monododecyl ester sodium salt (1:1) | <2.5      | 8012-56-4  |
| <b>SureSelect RNase Block</b><br>Glycerol                                    | ≥30 - ≤60 | 56-81-5    |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

**Description of necessary first aid measures**

|                    |                         |   |
|--------------------|-------------------------|---|
| <b>Eye contact</b> | : Exo(-) Klenow         | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
|                    | 10X End Repair Buffer   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
|                    | 5X T4 DNA Ligase Buffer | Immediately flush eyes with plenty of water,  |

## Section 4. First aid measures

|  |  |
|--|--|
|  | occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| Klenow DNA Polymerase                    | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| T4 DNA Ligase                            | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| T4 DNA Polymerase                        | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| T4 Polynucleotide Kinase                 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| dNTP Mix                                 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| 10X Klenow Polymerase Buffer             | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| dATP                                     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Methyl-Seq Methylated Adapter | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Methyl-Seq PCR1 primer F      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Methyl-Seq PCR Master Mix     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Hyb 1                         | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                      |
| SureSelect Hyb 2                         | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                      |
| SureSelect Hyb 4                         | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs. |
| SureSelect Binding Buffer                | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Wash Buffer 1                 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |

## Section 4. First aid measures

|                               |  |
|-------------------------------|--|
| SureSelect Wash Buffer 2      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Elution Buffer     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs. |
| SureSelect Block 2            | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Hyb 3              | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect RNase Block        | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Methyl-Seq Block 3 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect Indexing Block 1   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index H02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index G02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index F02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index E02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index D02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index C02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index B02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index A02      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |
| SureSelect 8bp Index H01      | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get  |



## Section 4. First aid measures

|  |   |
|--|---|
| SureSelect 8bp Index G01                     | medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect 8bp Index F01                     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect 8bp Index E01                     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect 8bp Index D01                     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect 8bp Index C01                     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect 8bp Index B01                     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect 8bp Index A01                     | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect Methyl-Seq PCR1 Primer R          | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| SureSelect Methyl-Seq Indexing Primer Common | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| <b>Inhalation</b>                            |   |
| : Exo(-) Klenow                              | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.   |
| 10X End Repair Buffer                        | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| 5X T4 DNA Ligase Buffer                      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| Klenow DNA Polymerase                        | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.   |
| T4 DNA Ligase                                | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.   |
| T4 DNA Polymerase                            | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.   |
| T4 Polynucleotide Kinase                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical  |

## Section 4. First aid measures

|  |  |
|--|--|
| dNTP Mix                                 | attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.   |
| 10X Klenow Polymerase Buffer             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.  |
| dATP                                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Methyl-Seq Methylated Adapter | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Methyl-Seq PCR1 primer F      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Methyl-Seq PCR Master Mix     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Hyb 1                         | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.   |
| SureSelect Hyb 2                         | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| SureSelect Hyb 4                         | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.   |
| SureSelect Binding Buffer                | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical   |

## Section 4. First aid measures

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| SureSelect Wash Buffer 1      | attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.   |
| SureSelect Wash Buffer 2      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Elution Buffer     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| SureSelect Block 2            | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Hyb 3              | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.  |
| SureSelect RNase Block        | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Methyl-Seq Block 3 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect Indexing Block 1   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index H02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index G02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index F02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index E02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index D02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index C02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index B02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index A02      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index H01      | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index G01      | Remove victim to fresh air and keep at rest in a   |

## Section 4. First aid measures

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|                     |  | position comfortable for breathing. Get medical attention if symptoms occur.   |
|                     | SureSelect 8bp Index F01                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
|                     | SureSelect 8bp Index E01                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
|                     | SureSelect 8bp Index D01                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
|                     | SureSelect 8bp Index C01                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
|                     | SureSelect 8bp Index B01                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
|                     | SureSelect 8bp Index A01                     | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
|                     | SureSelect Methyl-Seq PCR1 Primer R          | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
|                     | SureSelect Methyl-Seq Indexing Primer Common | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |
| <b>Skin contact</b> | : Exo(-) Klenow                              | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | 10X End Repair Buffer                        | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | 5X T4 DNA Ligase Buffer                      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | Klenow DNA Polymerase                        | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | T4 DNA Ligase                                | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | T4 DNA Polymerase                            | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | T4 Polynucleotide Kinase                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | dNTP Mix                                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | 10X Klenow Polymerase Buffer                 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | dATP   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | SureSelect Methyl-Seq Methylated Adapter     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | SureSelect Methyl-Seq PCR1 primer F          | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
|                     | SureSelect Methyl-Seq PCR                    | Flush contaminated skin with plenty of water.  |

## Section 4. First aid measures

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| Master Mix                    | Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect Hyb 1              | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.  |
| SureSelect Hyb 2              | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| SureSelect Hyb 4              | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.  |
| SureSelect Binding Buffer     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect Wash Buffer 1      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect Wash Buffer 2      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect Elution Buffer     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.  |
| SureSelect Block 2            | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect Hyb 3              | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect RNase Block        | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect Methyl-Seq Block 3 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect Indexing Block 1   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index H02      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index G02      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index F02      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index E02      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index D02      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index C02      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index B02      | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |



## Section 4. First aid measures

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| SureSelect 8bp Index A02                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index H01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index G01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index F01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index E01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index D01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index C01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index B01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect 8bp Index A01                     | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect Methyl-Seq PCR1 Primer R          | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| SureSelect Methyl-Seq Indexing Primer Common | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |

### Ingestion

|                         |   |
|-------------------------|---|
| : Exo(-) Klenow         | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| 10X End Repair Buffer   | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| 5X T4 DNA Ligase Buffer | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| Klenow DNA Polymerase   | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| T4 DNA Ligase           | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for  |



## Section 4. First aid measures

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|  | breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.  |
| T4 DNA Polymerase                        | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| T4 Polynucleotide Kinase                 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| dNTP Mix                                 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| 10X Klenow Polymerase Buffer             | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| dATP                                     | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Methyl-Seq Methylated Adapter | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Methyl-Seq PCR1 primer F      | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Methyl-Seq PCR Master Mix     | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Hyb 1                         | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has   |

## Section 4. First aid measures

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|                           | been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.   |
| SureSelect Hyb 2          | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.         |
| SureSelect Hyb 4          | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| SureSelect Binding Buffer | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect Wash Buffer 1  | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect Wash Buffer 2  | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of  |

## Section 4. First aid measures

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|                               | water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.  |
| SureSelect Elution Buffer     | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| SureSelect Block 2            | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect Hyb 3              | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect RNase Block        | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect Methyl-Seq Block 3 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect Indexing Block 1   | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index H02      | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |
| SureSelect 8bp Index G02      | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for  |

## Section 4. First aid measures

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|                          | breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index F02 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index E02 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index D02 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index C02 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index B02 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index A02 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index H01 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index G01 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index F01 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the  |

## Section 4. First aid measures

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|  | exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.  |
| SureSelect 8bp Index E01                     | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index D01                     | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index C01                     | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index B01                     | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect 8bp Index A01                     | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Methyl-Seq PCR1 Primer R          | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Methyl-Seq Indexing Primer Common | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |

[Most important symptoms/effects, acute and delayed](#)

[Potential acute health effects](#)



## Section 4. First aid measures

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| <b>Eye contact</b>                           | :   | Exo(-) Klenow                            | No known significant effects or critical hazards. |
|  |   | 10X End Repair Buffer                    | No known significant effects or critical hazards. |
|  |   | 5X T4 DNA Ligase Buffer                  | No known significant effects or critical hazards. |
|  |   | Klenow DNA Polymerase                    | No known significant effects or critical hazards. |
|  |   | T4 DNA Ligase                            | No known significant effects or critical hazards. |
|  |   | T4 DNA Polymerase                        | No known significant effects or critical hazards. |
|  |   | T4 Polynucleotide Kinase                 | No known significant effects or critical hazards. |
|  |   | dNTP Mix                                 | No known significant effects or critical hazards. |
|  |   | 10X Klenow Polymerase Buffer             | No known significant effects or critical hazards. |
|  |   | dATP                                     | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq Methylated Adapter | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq PCR1 primer F      | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq PCR Master Mix     | No known significant effects or critical hazards. |
|  |   | SureSelect Hyb 1                         | Causes serious eye irritation.                    |
|  |   | SureSelect Hyb 2                         | Causes serious eye irritation.                    |
|  |   | SureSelect Hyb 4                         | No known significant effects or critical hazards. |
|  |   | SureSelect Binding Buffer                | No known significant effects or critical hazards. |
|  |   | SureSelect Wash Buffer 1                 | No known significant effects or critical hazards. |
|  |   | SureSelect Wash Buffer 2                 | No known significant effects or critical hazards. |
|  |   | SureSelect Elution Buffer                | No known significant effects or critical hazards. |
|  |   | SureSelect Block 2                       | No known significant effects or critical hazards. |
|  |   | SureSelect Hyb 3                         | No known significant effects or critical hazards. |
|  |   | SureSelect RNase Block                   | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq Block 3            | No known significant effects or critical hazards. |
|  |   | SureSelect Indexing Block 1              | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index H02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index G02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index F02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index E02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index D02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index C02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index B02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index A02                 | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |  |   |
| SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |  |   |
| SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |  |   |
| <b>Inhalation</b>                            | :   | Exo(-) Klenow                            | No known significant effects or critical hazards. |
|  |   | 10X End Repair Buffer                    | No known significant effects or critical hazards. |
|  |   | 5X T4 DNA Ligase Buffer                  | No known significant effects or critical hazards. |
|  |   | Klenow DNA Polymerase                    | No known significant effects or critical hazards. |
|  |   | T4 DNA Ligase                            | No known significant effects or critical hazards. |
|  |   | T4 DNA Polymerase                        | No known significant effects or critical hazards. |
|  |   | T4 Polynucleotide Kinase                 | No known significant effects or critical hazards. |
|  |   | dNTP Mix                                 | No known significant effects or critical hazards. |
|  |   | 10X Klenow Polymerase Buffer             | No known significant effects or critical hazards. |
|  |   | dATP                                     | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq Methylated Adapter | No known significant effects or critical hazards. |



## Section 4. First aid measures

|  |   |
|--|---|
| SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                             | No known significant effects or critical hazards. |
| SureSelect Hyb 2                             | No known significant effects or critical hazards. |
| SureSelect Hyb 4                             | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
| SureSelect Block 2                           | No known significant effects or critical hazards. |
| SureSelect Hyb 3                             | No known significant effects or critical hazards. |
| SureSelect RNase Block                       | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
| SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
| SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |
| <b>Exo(-) Klenow</b>                         | No known significant effects or critical hazards. |
| 10X End Repair Buffer                        | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                      | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                        | No known significant effects or critical hazards. |
| T4 DNA Ligase                                | No known significant effects or critical hazards. |
| T4 DNA Polymerase                            | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                     | No known significant effects or critical hazards. |
| dNTP Mix                                     | No known significant effects or critical hazards. |
| 10X Klenow Polymerase Buffer                 | No known significant effects or critical hazards. |
| dATP   | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Methylated Adapter     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                             | No known significant effects or critical hazards. |
| SureSelect Hyb 2                             | No known significant effects or critical hazards. |
| SureSelect Hyb 4                             | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
| SureSelect Block 2                           | No known significant effects or critical hazards. |
| SureSelect Hyb 3                             | No known significant effects or critical hazards. |

### Skin contact

|  |   |
|--|---|
| <b>Exo(-) Klenow</b>                     | No known significant effects or critical hazards. |
| 10X End Repair Buffer                    | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                  | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                    | No known significant effects or critical hazards. |
| T4 DNA Ligase                            | No known significant effects or critical hazards. |
| T4 DNA Polymerase                        | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                 | No known significant effects or critical hazards. |
| dNTP Mix                                 | No known significant effects or critical hazards. |
| 10X Klenow Polymerase Buffer             | No known significant effects or critical hazards. |
| dATP                                     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Methylated Adapter | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 primer F      | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR Master Mix     | No known significant effects or critical hazards. |
| SureSelect Hyb 1                         | No known significant effects or critical hazards. |
| SureSelect Hyb 2                         | No known significant effects or critical hazards. |
| SureSelect Hyb 4                         | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                 | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                 | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                | No known significant effects or critical hazards. |
| SureSelect Block 2                       | No known significant effects or critical hazards. |
| SureSelect Hyb 3                         | No known significant effects or critical hazards. |

## Section 4. First aid measures

|                  |  |   |
|------------------|--|---|
|                  | SureSelect RNase Block                       | No known significant effects or critical hazards. |
|                  | SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
|                  | SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index A02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |
|                  | SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |
|                  | SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |
| <b>Ingestion</b> | Exo(-) Klenow                                | No known significant effects or critical hazards. |
|                  | 10X End Repair Buffer                        | No known significant effects or critical hazards. |
|                  | 5X T4 DNA Ligase Buffer                      | No known significant effects or critical hazards. |
|                  | Klenow DNA Polymerase                        | No known significant effects or critical hazards. |
|                  | T4 DNA Ligase                                | No known significant effects or critical hazards. |
|                  | T4 DNA Polymerase                            | No known significant effects or critical hazards. |
|                  | T4 Polynucleotide Kinase                     | No known significant effects or critical hazards. |
|                  | dNTP Mix                                     | No known significant effects or critical hazards. |
|                  | 10X Klenow Polymerase Buffer                 | No known significant effects or critical hazards. |
|                  | dATP   | No known significant effects or critical hazards. |
|                  | SureSelect Methyl-Seq Methylated Adapter     | No known significant effects or critical hazards. |
|                  | SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
|                  | SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
|                  | SureSelect Hyb 1                             | No known significant effects or critical hazards. |
|                  | SureSelect Hyb 2                             | No known significant effects or critical hazards. |
|                  | SureSelect Hyb 4                             | No known significant effects or critical hazards. |
|                  | SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
|                  | SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
|                  | SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
|                  | SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
|                  | SureSelect Block 2                           | No known significant effects or critical hazards. |
|                  | SureSelect Hyb 3                             | No known significant effects or critical hazards. |
|                  | SureSelect RNase Block                       | No known significant effects or critical hazards. |
|                  | SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
|                  | SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index A02                     | No known significant effects or critical hazards. |
|                  | SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |

## Section 4. First aid measures

|  |   |
|--|---|
| SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |

### Over-exposure signs/symptoms

#### Eye contact

|  |  |
|--|--|
| Exo(-) Klenow                            | No specific data.  |
| 10X End Repair Buffer                    | No specific data.  |
| 5X T4 DNA Ligase Buffer                  | No specific data.  |
| Klenow DNA Polymerase                    | No specific data.  |
| T4 DNA Ligase                            | No specific data.  |
| T4 DNA Polymerase                        | No specific data.  |
| T4 Polynucleotide Kinase                 | No specific data.  |
| dNTP Mix                                 | No specific data.  |
| 10X Klenow Polymerase Buffer             | No specific data.  |
| dATP                                     | No specific data.  |
| SureSelect Methyl-Seq Methylated Adapter | No specific data.  |
| SureSelect Methyl-Seq PCR1 primer F      | No specific data.  |
| SureSelect Methyl-Seq PCR Master Mix     | No specific data.  |
| SureSelect Hyb 1                         | Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
| SureSelect Hyb 2                         | Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
| SureSelect Hyb 4                         | No specific data.  |
| SureSelect Binding Buffer                | No specific data.  |
| SureSelect Wash Buffer 1                 | No specific data.  |
| SureSelect Wash Buffer 2                 | No specific data.  |
| SureSelect Elution Buffer                | No specific data.  |
| SureSelect Block 2                       | No specific data.  |
| SureSelect Hyb 3                         | No specific data.  |
| SureSelect RNase Block                   | No specific data.  |
| SureSelect Methyl-Seq Block 3            | No specific data.  |
| SureSelect Indexing Block 1              | No specific data.  |
| SureSelect 8bp Index H02                 | No specific data.  |
| SureSelect 8bp Index G02                 | No specific data.  |
| SureSelect 8bp Index F02                 | No specific data.  |
| SureSelect 8bp Index E02                 | No specific data.  |
| SureSelect 8bp Index D02                 | No specific data.  |
| SureSelect 8bp Index C02                 | No specific data.  |
| SureSelect 8bp Index B02                 | No specific data.  |
| SureSelect 8bp Index A02                 | No specific data.  |
| SureSelect 8bp Index H01                 | No specific data.  |
| SureSelect 8bp Index G01                 | No specific data.  |
| SureSelect 8bp Index F01                 | No specific data.  |
| SureSelect 8bp Index E01                 | No specific data.  |
| SureSelect 8bp Index D01                 | No specific data.  |
| SureSelect 8bp Index C01                 | No specific data.  |
| SureSelect 8bp Index B01                 | No specific data.  |

## Section 4. First aid measures

### Inhalation

|  |                   |
|--|-------------------|
| SureSelect 8bp Index A01                     | No specific data. |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq Indexing Primer Common | No specific data. |
| <b>Exo(-) Klenow</b>                         | No specific data. |
| 10X End Repair Buffer                        | No specific data. |
| 5X T4 DNA Ligase Buffer                      | No specific data. |
| Klenow DNA Polymerase                        | No specific data. |
| T4 DNA Ligase                                | No specific data. |
| T4 DNA Polymerase                            | No specific data. |
| T4 Polynucleotide Kinase                     | No specific data. |
| dNTP Mix                                     | No specific data. |
| 10X Klenow Polymerase Buffer                 | No specific data. |
| dATP   | No specific data. |
| SureSelect Methyl-Seq Methylated Adapter     | No specific data. |
| SureSelect Methyl-Seq PCR1 primer F          | No specific data. |
| SureSelect Methyl-Seq PCR Master Mix         | No specific data. |
| SureSelect Hyb 1                             | No specific data. |
| SureSelect Hyb 2                             | No specific data. |
| SureSelect Hyb 4                             | No specific data. |
| SureSelect Binding Buffer                    | No specific data. |
| SureSelect Wash Buffer 1                     | No specific data. |
| SureSelect Wash Buffer 2                     | No specific data. |
| SureSelect Elution Buffer                    | No specific data. |
| SureSelect Block 2                           | No specific data. |
| SureSelect Hyb 3                             | No specific data. |
| SureSelect RNase Block                       | No specific data. |
| SureSelect Methyl-Seq Block 3                | No specific data. |
| SureSelect Indexing Block 1                  | No specific data. |
| SureSelect 8bp Index H02                     | No specific data. |
| SureSelect 8bp Index G02                     | No specific data. |
| SureSelect 8bp Index F02                     | No specific data. |
| SureSelect 8bp Index E02                     | No specific data. |
| SureSelect 8bp Index D02                     | No specific data. |
| SureSelect 8bp Index C02                     | No specific data. |
| SureSelect 8bp Index B02                     | No specific data. |
| SureSelect 8bp Index A02                     | No specific data. |
| SureSelect 8bp Index H01                     | No specific data. |
| SureSelect 8bp Index G01                     | No specific data. |
| SureSelect 8bp Index F01                     | No specific data. |
| SureSelect 8bp Index E01                     | No specific data. |
| SureSelect 8bp Index D01                     | No specific data. |
| SureSelect 8bp Index C01                     | No specific data. |
| SureSelect 8bp Index B01                     | No specific data. |
| SureSelect 8bp Index A01                     | No specific data. |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq Indexing Primer Common | No specific data. |

### Skin contact

|                          |                   |
|--------------------------|-------------------|
| <b>Exo(-) Klenow</b>     | No specific data. |
| 10X End Repair Buffer    | No specific data. |
| 5X T4 DNA Ligase Buffer  | No specific data. |
| Klenow DNA Polymerase    | No specific data. |
| T4 DNA Ligase            | No specific data. |
| T4 DNA Polymerase        | No specific data. |
| T4 Polynucleotide Kinase | No specific data. |
| dNTP Mix                 | No specific data. |

## Section 4. First aid measures

|  |                   |
|--|-------------------|
| 10X Klenow Polymerase Buffer                 | No specific data. |
| dATP   | No specific data. |
| SureSelect Methyl-Seq Methylated Adapter     | No specific data. |
| SureSelect Methyl-Seq PCR1 primer F          | No specific data. |
| SureSelect Methyl-Seq PCR Master Mix         | No specific data. |
| SureSelect Hyb 1                             | No specific data. |
| SureSelect Hyb 2                             | No specific data. |
| SureSelect Hyb 4                             | No specific data. |
| SureSelect Binding Buffer                    | No specific data. |
| SureSelect Wash Buffer 1                     | No specific data. |
| SureSelect Wash Buffer 2                     | No specific data. |
| SureSelect Elution Buffer                    | No specific data. |
| SureSelect Block 2                           | No specific data. |
| SureSelect Hyb 3                             | No specific data. |
| SureSelect RNase Block                       | No specific data. |
| SureSelect Methyl-Seq Block 3                | No specific data. |
| SureSelect Indexing Block 1                  | No specific data. |
| SureSelect 8bp Index H02                     | No specific data. |
| SureSelect 8bp Index G02                     | No specific data. |
| SureSelect 8bp Index F02                     | No specific data. |
| SureSelect 8bp Index E02                     | No specific data. |
| SureSelect 8bp Index D02                     | No specific data. |
| SureSelect 8bp Index C02                     | No specific data. |
| SureSelect 8bp Index B02                     | No specific data. |
| SureSelect 8bp Index A02                     | No specific data. |
| SureSelect 8bp Index H01                     | No specific data. |
| SureSelect 8bp Index G01                     | No specific data. |
| SureSelect 8bp Index F01                     | No specific data. |
| SureSelect 8bp Index E01                     | No specific data. |
| SureSelect 8bp Index D01                     | No specific data. |
| SureSelect 8bp Index C01                     | No specific data. |
| SureSelect 8bp Index B01                     | No specific data. |
| SureSelect 8bp Index A01                     | No specific data. |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq Indexing Primer Common | No specific data. |
| <b>Exo(-)</b> Klenow                         | No specific data. |
| 10X End Repair Buffer                        | No specific data. |
| 5X T4 DNA Ligase Buffer                      | No specific data. |
| Klenow DNA Polymerase                        | No specific data. |
| T4 DNA Ligase                                | No specific data. |
| T4 DNA Polymerase                            | No specific data. |
| T4 Polynucleotide Kinase                     | No specific data. |
| dNTP Mix                                     | No specific data. |
| 10X Klenow Polymerase Buffer                 | No specific data. |
| dATP   | No specific data. |
| SureSelect Methyl-Seq Methylated Adapter     | No specific data. |
| SureSelect Methyl-Seq PCR1 primer F          | No specific data. |
| SureSelect Methyl-Seq PCR Master Mix         | No specific data. |
| SureSelect Hyb 1                             | No specific data. |
| SureSelect Hyb 2                             | No specific data. |
| SureSelect Hyb 4                             | No specific data. |
| SureSelect Binding Buffer                    | No specific data. |

### Ingestion

|  |                   |
|--|-------------------|
| <b>Exo(-)</b> Klenow                     | No specific data. |
| 10X End Repair Buffer                    | No specific data. |
| 5X T4 DNA Ligase Buffer                  | No specific data. |
| Klenow DNA Polymerase                    | No specific data. |
| T4 DNA Ligase                            | No specific data. |
| T4 DNA Polymerase                        | No specific data. |
| T4 Polynucleotide Kinase                 | No specific data. |
| dNTP Mix                                 | No specific data. |
| 10X Klenow Polymerase Buffer             | No specific data. |
| dATP                                     | No specific data. |
| SureSelect Methyl-Seq Methylated Adapter | No specific data. |
| SureSelect Methyl-Seq PCR1 primer F      | No specific data. |
| SureSelect Methyl-Seq PCR Master Mix     | No specific data. |
| SureSelect Hyb 1                         | No specific data. |
| SureSelect Hyb 2                         | No specific data. |
| SureSelect Hyb 4                         | No specific data. |
| SureSelect Binding Buffer                | No specific data. |



## Section 4. First aid measures

|  |                   |
|--|-------------------|
| SureSelect Wash Buffer 1                     | No specific data. |
| SureSelect Wash Buffer 2                     | No specific data. |
| SureSelect Elution Buffer                    | No specific data. |
| SureSelect Block 2                           | No specific data. |
| SureSelect Hyb 3                             | No specific data. |
| SureSelect RNase Block                       | No specific data. |
| SureSelect Methyl-Seq Block 3                | No specific data. |
| SureSelect Indexing Block 1                  | No specific data. |
| SureSelect 8bp Index H02                     | No specific data. |
| SureSelect 8bp Index G02                     | No specific data. |
| SureSelect 8bp Index F02                     | No specific data. |
| SureSelect 8bp Index E02                     | No specific data. |
| SureSelect 8bp Index D02                     | No specific data. |
| SureSelect 8bp Index C02                     | No specific data. |
| SureSelect 8bp Index B02                     | No specific data. |
| SureSelect 8bp Index A02                     | No specific data. |
| SureSelect 8bp Index H01                     | No specific data. |
| SureSelect 8bp Index G01                     | No specific data. |
| SureSelect 8bp Index F01                     | No specific data. |
| SureSelect 8bp Index E01                     | No specific data. |
| SureSelect 8bp Index D01                     | No specific data. |
| SureSelect 8bp Index C01                     | No specific data. |
| SureSelect 8bp Index B01                     | No specific data. |
| SureSelect 8bp Index A01                     | No specific data. |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq Indexing Primer Common | No specific data. |

**Indication of immediate medical attention and special treatment needed, if necessary**

|                           |                              |   |
|---------------------------|------------------------------|---|
| <b>Notes to physician</b> | : Exo(-) Klenow              | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
|                           | 10X End Repair Buffer        | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
|                           | 5X T4 DNA Ligase Buffer      | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
|                           | Klenow DNA Polymerase        | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
|                           | T4 DNA Ligase                | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
|                           | T4 DNA Polymerase            | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
|                           | T4 Polynucleotide Kinase     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
|                           | dNTP Mix                     | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
|                           | 10X Klenow Polymerase Buffer | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
|                           | dATP                         | Treat symptomatically. Contact poison treatment   |



## Section 4. First aid measures

|  |   |
|--|---|
|  | specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Methyl-Seq Methylated Adapter | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Methyl-Seq PCR1 primer F      | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Methyl-Seq PCR Master Mix     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Hyb 1                         | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Hyb 2                         | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| SureSelect Hyb 4                         | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Binding Buffer                | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Wash Buffer 1                 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Wash Buffer 2                 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Elution Buffer                | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Block 2                       | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Hyb 3                         | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| SureSelect RNase Block                   | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Methyl-Seq Block 3            | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect Indexing Block 1              | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect 8bp Index H02                 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect 8bp Index G02                 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect 8bp Index F02                 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect 8bp Index E02                 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| SureSelect 8bp Index D02                 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |

## Section 4. First aid measures

|  |   |
|--|---|
| SureSelect 8bp Index C02                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index B02                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index A02                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index H01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index G01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index F01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index E01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index D01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index C01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index B01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect 8bp Index A01                     | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect Methyl-Seq PCR1 Primer R          | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| SureSelect Methyl-Seq Indexing Primer Common | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |

### Specific treatments

|  |                        |
|--|------------------------|
| Exo(-) Klenow                            | No specific treatment. |
| 10X End Repair Buffer                    | No specific treatment. |
| 5X T4 DNA Ligase Buffer                  | No specific treatment. |
| Klenow DNA Polymerase                    | No specific treatment. |
| T4 DNA Ligase                            | No specific treatment. |
| T4 DNA Polymerase                        | No specific treatment. |
| T4 Polynucleotide Kinase                 | No specific treatment. |
| dNTP Mix                                 | No specific treatment. |
| 10X Klenow Polymerase Buffer             | No specific treatment. |
| dATP                                     | No specific treatment. |
| SureSelect Methyl-Seq Methylated Adapter | No specific treatment. |
| SureSelect Methyl-Seq PCR1 primer F      | No specific treatment. |
| SureSelect Methyl-Seq PCR Master Mix     | No specific treatment. |
| SureSelect Hyb 1                         | No specific treatment. |
| SureSelect Hyb 2                         | No specific treatment. |
| SureSelect Hyb 4                         | No specific treatment. |
| SureSelect Binding Buffer                | No specific treatment. |
| SureSelect Wash Buffer 1                 | No specific treatment. |
| SureSelect Wash Buffer 2                 | No specific treatment. |
| SureSelect Elution Buffer                | No specific treatment. |

## Section 4. First aid measures

|  |                        |
|--|------------------------|
| SureSelect Block 2                           | No specific treatment. |
| SureSelect Hyb 3                             | No specific treatment. |
| SureSelect RNase Block                       | No specific treatment. |
| SureSelect Methyl-Seq Block 3                | No specific treatment. |
| SureSelect Indexing Block 1                  | No specific treatment. |
| SureSelect 8bp Index H02                     | No specific treatment. |
| SureSelect 8bp Index G02                     | No specific treatment. |
| SureSelect 8bp Index F02                     | No specific treatment. |
| SureSelect 8bp Index E02                     | No specific treatment. |
| SureSelect 8bp Index D02                     | No specific treatment. |
| SureSelect 8bp Index C02                     | No specific treatment. |
| SureSelect 8bp Index B02                     | No specific treatment. |
| SureSelect 8bp Index A02                     | No specific treatment. |
| SureSelect 8bp Index H01                     | No specific treatment. |
| SureSelect 8bp Index G01                     | No specific treatment. |
| SureSelect 8bp Index F01                     | No specific treatment. |
| SureSelect 8bp Index E01                     | No specific treatment. |
| SureSelect 8bp Index D01                     | No specific treatment. |
| SureSelect 8bp Index C01                     | No specific treatment. |
| SureSelect 8bp Index B01                     | No specific treatment. |
| SureSelect 8bp Index A01                     | No specific treatment. |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific treatment. |
| SureSelect Methyl-Seq Indexing Primer Common | No specific treatment. |

### Protection of first-aiders

|  |  |
|--|--|
| : Exo(-) Klenow                          | No action shall be taken involving any personal risk or without suitable training.   |
| 10X End Repair Buffer                    | No action shall be taken involving any personal risk or without suitable training.   |
| 5X T4 DNA Ligase Buffer                  | No action shall be taken involving any personal risk or without suitable training.   |
| Klenow DNA Polymerase                    | No action shall be taken involving any personal risk or without suitable training.   |
| T4 DNA Ligase                            | No action shall be taken involving any personal risk or without suitable training.   |
| T4 DNA Polymerase                        | No action shall be taken involving any personal risk or without suitable training.   |
| T4 Polynucleotide Kinase                 | No action shall be taken involving any personal risk or without suitable training.   |
| dNTP Mix                                 | No action shall be taken involving any personal risk or without suitable training.   |
| 10X Klenow Polymerase Buffer             | No action shall be taken involving any personal risk or without suitable training.   |
| dATP                                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Methyl-Seq Methylated Adapter | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Methyl-Seq PCR1 primer F      | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Methyl-Seq PCR Master Mix     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Hyb 1                         | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |
| SureSelect Hyb 2                         | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |
| SureSelect Hyb 4                         | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth                |

## Section 4. First aid measures

|  |  |
|--|--|
|  | resuscitation.   |
| SureSelect Binding Buffer                    | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Wash Buffer 1                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Wash Buffer 2                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Elution Buffer                    | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |
| SureSelect Block 2                           | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Hyb 3                             | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect RNase Block                       | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Methyl-Seq Block 3                | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Indexing Block 1                  | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index H02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index G02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index F02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index E02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index D02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index C02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index B02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index A02                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index H01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index G01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index F01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index E01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index D01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index C01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index B01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect 8bp Index A01                     | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Methyl-Seq PCR1 Primer R          | No action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Methyl-Seq Indexing Primer Common | No action shall be taken involving any personal risk or without suitable training.   |

See toxicological information (Section 11)

## Section 5. Firefighting measures

### Extinguishing media

#### Suitable extinguishing media

|  |   |
|--|---|
| : Exo(-) Klenow                          | Use an extinguishing agent suitable for the surrounding fire. |
| 10X End Repair Buffer                    | Use an extinguishing agent suitable for the surrounding fire. |
| 5X T4 DNA Ligase Buffer                  | Use an extinguishing agent suitable for the surrounding fire. |
| Klenow DNA Polymerase                    | Use an extinguishing agent suitable for the surrounding fire. |
| T4 DNA Ligase                            | Use an extinguishing agent suitable for the surrounding fire. |
| T4 DNA Polymerase                        | Use an extinguishing agent suitable for the surrounding fire. |
| T4 Polynucleotide Kinase                 | Use an extinguishing agent suitable for the surrounding fire. |
| dNTP Mix                                 | Use an extinguishing agent suitable for the surrounding fire. |
| 10X Klenow Polymerase Buffer             | Use an extinguishing agent suitable for the surrounding fire. |
| dATP                                     | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Methyl-Seq Methylated Adapter | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Methyl-Seq PCR1 primer F      | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Methyl-Seq PCR Master Mix     | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Hyb 1                         | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Hyb 2                         | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Hyb 4                         | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Binding Buffer                | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Wash Buffer 1                 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Wash Buffer 2                 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Elution Buffer                | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Block 2                       | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Hyb 3                         | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect RNase Block                   | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Methyl-Seq Block 3            | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect Indexing Block 1              | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect 8bp Index H02                 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect 8bp Index G02                 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect 8bp Index F02                 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect 8bp Index E02                 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect 8bp Index D02                 | Use an extinguishing agent suitable for the surrounding fire. |
| SureSelect 8bp Index C02                 | Use an extinguishing agent suitable for the surrounding fire. |

## Section 5. Firefighting measures

|                                       |  |  |
|---------------------------------------|--|--|
|                                       | SureSelect 8bp Index B02                     | surrounding fire.<br>Use an extinguishing agent suitable for the surrounding fire. |
|                                       | SureSelect 8bp Index A02                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index H01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index G01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index F01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index E01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index D01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index C01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index B01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect 8bp Index A01                     | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect Methyl-Seq PCR1 Primer R          | Use an extinguishing agent suitable for the surrounding fire.                      |
|                                       | SureSelect Methyl-Seq Indexing Primer Common | Use an extinguishing agent suitable for the surrounding fire.                      |
| <b>Unsuitable extinguishing media</b> | : Exo(-) Klenow                              | None known.  |
|                                       | 10X End Repair Buffer                        | None known.  |
|                                       | 5X T4 DNA Ligase Buffer                      | None known.  |
|                                       | Klenow DNA Polymerase                        | None known.  |
|                                       | T4 DNA Ligase                                | None known.  |
|                                       | T4 DNA Polymerase                            | None known.  |
|                                       | T4 Polynucleotide Kinase                     | None known.  |
|                                       | dNTP Mix                                     | None known.  |
|                                       | 10X Klenow Polymerase Buffer                 | None known.  |
|                                       | dATP   | None known.  |
|                                       | SureSelect Methyl-Seq Methylated Adapter     | None known.  |
|                                       | SureSelect Methyl-Seq PCR1 primer F          | None known.  |
|                                       | SureSelect Methyl-Seq PCR Master Mix         | None known.  |
|                                       | SureSelect Hyb 1                             | None known.  |
|                                       | SureSelect Hyb 2                             | None known.  |
|                                       | SureSelect Hyb 4                             | None known.  |
|                                       | SureSelect Binding Buffer                    | None known.  |
|                                       | SureSelect Wash Buffer 1                     | None known.  |
|                                       | SureSelect Wash Buffer 2                     | None known.  |
|                                       | SureSelect Elution Buffer                    | None known.  |
|                                       | SureSelect Block 2                           | None known.  |
|                                       | SureSelect Hyb 3                             | None known.  |
|                                       | SureSelect RNase Block                       | None known.  |
|                                       | SureSelect Methyl-Seq Block 3                | None known.  |
|                                       | SureSelect Indexing Block 1                  | None known.  |
|                                       | SureSelect 8bp Index H02                     | None known.  |
|                                       | SureSelect 8bp Index G02                     | None known.  |
|                                       | SureSelect 8bp Index F02                     | None known.  |
|                                       | SureSelect 8bp Index E02                     | None known.  |
|                                       | SureSelect 8bp Index D02                     | None known.  |
|                                       | SureSelect 8bp Index C02                     | None known.  |
|                                       | SureSelect 8bp Index B02                     | None known.  |
| SureSelect 8bp Index A02              | None known.                                  |  |



## Section 5. Firefighting measures

|  |             |
|--|-------------|
| SureSelect 8bp Index H01                     | None known. |
| SureSelect 8bp Index G01                     | None known. |
| SureSelect 8bp Index F01                     | None known. |
| SureSelect 8bp Index E01                     | None known. |
| SureSelect 8bp Index D01                     | None known. |
| SureSelect 8bp Index C01                     | None known. |
| SureSelect 8bp Index B01                     | None known. |
| SureSelect 8bp Index A01                     | None known. |
| SureSelect Methyl-Seq PCR1 Primer R          | None known. |
| SureSelect Methyl-Seq Indexing Primer Common | None known. |

### Specific hazards arising from the chemical

|  |   |
|--|---|
| : Exo(-) Klenow                          | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| 10X End Repair Buffer                    | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| 5X T4 DNA Ligase Buffer                  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| Klenow DNA Polymerase                    | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| T4 DNA Ligase                            | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| T4 DNA Polymerase                        | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| T4 Polynucleotide Kinase                 | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| dNTP Mix                                 | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| 10X Klenow Polymerase Buffer             | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| dATP                                     | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Methyl-Seq Methylated Adapter | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Methyl-Seq PCR1 primer F      | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Methyl-Seq PCR Master Mix     | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Hyb 1                         | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Hyb 2                         | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Hyb 4                         | In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| SureSelect Binding Buffer                | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Wash Buffer 1                 | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Wash Buffer 2                 | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Elution Buffer                | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Block 2                       | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Hyb 3                         | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect RNase Block                   | In a fire or if heated, a pressure increase will occur and the container may burst.   |

## Section 5. Firefighting measures

|   |   |
|---|---|
| SureSelect Methyl-Seq Block 3                                   | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Indexing Block 1                                     | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index H02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index G02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index F02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index E02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index D02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index C02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index B02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index A02  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index H01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index G01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index F01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index E01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index D01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index C01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index B01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect 8bp Index A01  | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Methyl-Seq PCR1 Primer R                             | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| SureSelect Methyl-Seq Indexing Primer Common                    | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| <b>Hazardous thermal decomposition products</b> : Exo(-) Klenow | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide  |
| 10X End Repair Buffer   | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>sulfur oxides<br>halogenated compounds<br>metal oxide/oxides |
| 5X T4 DNA Ligase Buffer   | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>halogenated compounds<br>metal oxide/oxides                  |
| Klenow DNA Polymerase   | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide  |

## Section 5. Firefighting measures

|  |  |
|--|--|
| T4 DNA Ligase                            | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide   |
| T4 DNA Polymerase                        | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide   |
| T4 Polynucleotide Kinase                 | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide   |
| dNTP Mix                                 | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>phosphorus oxides                           |
| 10X Klenow Polymerase Buffer             | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>halogenated compounds<br>metal oxide/oxides |
| dATP                                     | No specific data.  |
| SureSelect Methyl-Seq Methylated Adapter | No specific data.  |
| SureSelect Methyl-Seq PCR1 primer F      | No specific data.  |
| SureSelect Methyl-Seq PCR Master Mix     | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide   |
| SureSelect Hyb 1                         | Decomposition products may include the following materials:<br>phosphorus oxides<br>halogenated compounds<br>metal oxide/oxides                                    |
| SureSelect Hyb 2                         | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>metal oxide/oxides                          |
| SureSelect Hyb 4                         | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>sulfur oxides<br>metal oxide/oxides                            |
| SureSelect Binding Buffer                | Decomposition products may include the following materials:<br>halogenated compounds<br>metal oxide/oxides   |
| SureSelect Wash Buffer 1                 | No specific data.  |
| SureSelect Wash Buffer 2                 | No specific data.  |
| SureSelect Elution Buffer                | No specific data.  |
| SureSelect Block 2                       | No specific data.  |
| SureSelect Hyb 3                         | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide   |

## Section 5. Firefighting measures

|   |   |
|---|---|
|   | nitrogen oxides   |
|   | sulfur oxides   |
|   | halogenated compounds   |
|   | carbonyl halides  |
| SureSelect RNase Block                              | Decomposition products may include the following materials:   |
|   | carbon dioxide  |
|   | carbon monoxide   |
| SureSelect Methyl-Seq Block 3                       | No specific data.   |
| SureSelect Indexing Block 1                         | No specific data.   |
| SureSelect 8bp Index H02                            | No specific data.   |
| SureSelect 8bp Index G02                            | No specific data.   |
| SureSelect 8bp Index F02                            | No specific data.   |
| SureSelect 8bp Index E02                            | No specific data.   |
| SureSelect 8bp Index D02                            | No specific data.   |
| SureSelect 8bp Index C02                            | No specific data.   |
| SureSelect 8bp Index B02                            | No specific data.   |
| SureSelect 8bp Index A02                            | No specific data.   |
| SureSelect 8bp Index H01                            | No specific data.   |
| SureSelect 8bp Index G01                            | No specific data.   |
| SureSelect 8bp Index F01                            | No specific data.   |
| SureSelect 8bp Index E01                            | No specific data.   |
| SureSelect 8bp Index D01                            | No specific data.   |
| SureSelect 8bp Index C01                            | No specific data.   |
| SureSelect 8bp Index B01                            | No specific data.   |
| SureSelect 8bp Index A01                            | No specific data.   |
| SureSelect Methyl-Seq PCR1 Primer R                 | No specific data.   |
| SureSelect Methyl-Seq Indexing Primer Common        | No specific data.   |
| <b>Special protective actions for fire-fighters</b> |   |
| : Exo(-) Klenow                                     | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| 10X End Repair Buffer                               | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| 5X T4 DNA Ligase Buffer                             | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| Klenow DNA Polymerase                               | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| T4 DNA Ligase                                       | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| T4 DNA Polymerase                                   | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| T4 Polynucleotide Kinase                            | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| dNTP Mix  | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or                            |

## Section 5. Firefighting measures

|  |  |
|--|--|
| 10X Klenow Polymerase Buffer             | without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| dATP                                     | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Methyl-Seq Methylated Adapter | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Methyl-Seq PCR1 primer F      | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Methyl-Seq PCR Master Mix     | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Hyb 1                         | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Hyb 2                         | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Hyb 4                         | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Binding Buffer                | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Wash Buffer 1                 | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Wash Buffer 2                 | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Elution Buffer                | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Block 2                       | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Hyb 3                         | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect RNase Block                   | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                            |
| SureSelect Methyl-Seq Block 3            | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No  |

## Section 5. Firefighting measures

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|                             | action shall be taken involving any personal risk or without suitable training.   |
| SureSelect Indexing Block 1 | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index H02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index G02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index F02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index E02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index D02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index C02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index B02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index A02    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index H01    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index G01    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index F01    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index E01    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index D01    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index C01    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| SureSelect 8bp Index B01    | Promptly isolate the scene by removing all persons  |



## Section 5. Firefighting measures

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|   |  | from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.  |
|   | SureSelect 8bp Index A01                     | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
|   | SureSelect Methyl-Seq PCR1 Primer R          | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
|   | SureSelect Methyl-Seq Indexing Primer Common | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| <b>Special protective equipment for fire-fighters</b> | : Exo(-) Klenow                              | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | 10X End Repair Buffer                        | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | 5X T4 DNA Ligase Buffer                      | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | Klenow DNA Polymerase                        | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | T4 DNA Ligase                                | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | T4 DNA Polymerase                            | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | T4 Polynucleotide Kinase                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | dNTP Mix                                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | 10X Klenow Polymerase Buffer                 | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | dATP   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | SureSelect Methyl-Seq Methylated Adapter     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |
|   | SureSelect Methyl-Seq PCR1 primer F          | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |

## Section 5. Firefighting measures

|                                      |   |
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| SureSelect Methyl-Seq PCR Master Mix | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Hyb 1                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Hyb 2                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Hyb 4                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Binding Buffer            | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Wash Buffer 1             | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Wash Buffer 2             | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Elution Buffer            | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Block 2                   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Hyb 3                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect RNase Block               | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Methyl-Seq Block 3        | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Indexing Block 1          | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect 8bp Index H02             | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect 8bp Index G02             | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect 8bp Index F02             | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive                |

## Section 5. Firefighting measures

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| SureSelect 8bp Index E02                     | pressure mode.<br>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect 8bp Index D02                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index C02                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index B02                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index A02                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index H01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index G01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index F01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index E01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index D01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index C01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index B01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect 8bp Index A01                     | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect Methyl-Seq PCR1 Primer R          | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |
| SureSelect Methyl-Seq Indexing Primer Common | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                   |

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

|                                    |  |   |
|------------------------------------|--|---|
| <b>For non-emergency personnel</b> | : Exo(-) Klenow                          | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | 10X End Repair Buffer                    | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | 5X T4 DNA Ligase Buffer                  | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | Klenow DNA Polymerase                    | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | T4 DNA Ligase                            | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | T4 DNA Polymerase                        | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | T4 Polynucleotide Kinase                 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | dNTP Mix                                 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | 10X Klenow Polymerase Buffer             | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | dATP                                     | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
|                                    | SureSelect Methyl-Seq Methylated Adapter | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding   |

## Section 6. Accidental release measures

|                                      |   |
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|                                      | areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.   |
| SureSelect Methyl-Seq PCR1 primer F  | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.   |
| SureSelect Methyl-Seq PCR Master Mix | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.   |
| SureSelect Hyb 1                     | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| SureSelect Hyb 2                     | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| SureSelect Hyb 4                     | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| SureSelect Binding Buffer            | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.   |
| SureSelect Wash Buffer 1             | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.   |
| SureSelect Wash Buffer 2             | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.   |
| SureSelect Elution Buffer            | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist.   |



## Section 6. Accidental release measures

|                               |   |
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|                               | Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.   |
| SureSelect Block 2            | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect Hyb 3              | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect RNase Block        | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect Methyl-Seq Block 3 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect Indexing Block 1   | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index H02      | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index G02      | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index F02      | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index E02      | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index D02      | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |



## Section 6. Accidental release measures

|                          |   |
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| SureSelect 8bp Index C02 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index B02 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index A02 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index H01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index G01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index F01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index E01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index D01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index C01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index B01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| SureSelect 8bp Index A01 | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected   |

## Section 6. Accidental release measures

SureSelect Methyl-Seq  
PCR1 Primer R

personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

SureSelect Methyl-Seq  
Indexing Primer Common

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

**For emergency responders :** Exo(-) Klenow

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

10X End Repair Buffer

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

5X T4 DNA Ligase Buffer

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Klenow DNA Polymerase

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

T4 DNA Ligase

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

T4 DNA Polymerase

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

T4 Polynucleotide Kinase

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

dNTP Mix

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

10X Klenow Polymerase  
Buffer

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

dATP

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

SureSelect Methyl-Seq  
Methylated Adapter

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

SureSelect Methyl-Seq  
PCR1 primer F

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

## Section 6. Accidental release measures

|                                      |   |
|--------------------------------------|---|
| SureSelect Methyl-Seq PCR Master Mix | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Hyb 1                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Hyb 2                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Hyb 4                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Binding Buffer            | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Wash Buffer 1             | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Wash Buffer 2             | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Elution Buffer            | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Block 2                   | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Hyb 3                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect RNase Block               | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Methyl-Seq Block 3        | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Indexing Block 1          | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect 8bp Index H02             | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect 8bp Index G02             | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect 8bp Index F02             | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the   |

## Section 6. Accidental release measures

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|--|--|
| SureSelect 8bp Index E02                     | information in "For non-emergency personnel".<br>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect 8bp Index D02                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index C02                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index B02                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index A02                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index H01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index G01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index F01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index E01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index D01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index C01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index B01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect 8bp Index A01                     | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect Methyl-Seq PCR1 Primer R          | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |
| SureSelect Methyl-Seq Indexing Primer Common | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".  |

## Section 6. Accidental release measures

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| <b>Environmental precautions</b> : Exo(-) Klenow | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| 10X End Repair Buffer                            | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| 5X T4 DNA Ligase Buffer                          | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| Klenow DNA Polymerase                            | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| T4 DNA Ligase                                    | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| T4 DNA Polymerase                                | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| T4 Polynucleotide Kinase                         | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| dNTP Mix   | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| 10X Klenow Polymerase Buffer                     | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| dATP   | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect Methyl-Seq Methylated Adapter         | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect Methyl-Seq PCR1 primer F              | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect Methyl-Seq PCR Master Mix             | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has  |



## Section 6. Accidental release measures

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|                               | caused environmental pollution (sewers, waterways, soil or air).   |
| SureSelect Hyb 1              | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Hyb 2              | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Hyb 4              | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. |
| SureSelect Binding Buffer     | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Wash Buffer 1      | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Wash Buffer 2      | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Elution Buffer     | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Block 2            | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Hyb 3              | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect RNase Block        | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Methyl-Seq Block 3 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect Indexing Block 1   | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |



## Section 6. Accidental release measures

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| SureSelect 8bp Index H02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index G02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index F02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index E02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index D02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index C02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index B02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index A02 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index H01 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index G01 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index F01 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index E01 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index D01 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has  |

## Section 6. Accidental release measures

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|  | caused environmental pollution (sewers, waterways, soil or air).  |
| SureSelect 8bp Index C01                     | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index B01                     | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect 8bp Index A01                     | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect Methyl-Seq PCR1 Primer R          | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| SureSelect Methyl-Seq Indexing Primer Common | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |

### Methods and material for containment and cleaning up

**Methods for cleaning up** : Exo(-) Klenow

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|                         | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| 10X End Repair Buffer   | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| 5X T4 DNA Ligase Buffer | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| Klenow DNA Polymerase   | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| T4 DNA Ligase           | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| T4 DNA Polymerase       | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal contractor.   |

## Section 6. Accidental release measures

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|  | disposal container. Dispose of via a licensed waste disposal contractor.  |
| T4 Polynucleotide Kinase                 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| dNTP Mix                                 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| 10X Klenow Polymerase Buffer             | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| dATP                                     | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Methyl-Seq Methylated Adapter | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Methyl-Seq PCR1 primer F      | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Methyl-Seq PCR Master Mix     | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Hyb 1                         | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Hyb 2                         | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Hyb 4                         | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Binding Buffer                | Stop leak if without risk. Move containers from spill   |

## Section 6. Accidental release measures

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|                               | area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect Wash Buffer 1      | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect Wash Buffer 2      | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect Elution Buffer     | Stop leak if without risk. Move containers from spill area. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor. |
| SureSelect Block 2            | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect Hyb 3              | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect RNase Block        | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect Methyl-Seq Block 3 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect Indexing Block 1   | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect 8bp Index H02      | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| SureSelect 8bp Index G02      | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an  |

## Section 6. Accidental release measures

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|                          | inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.   |
| SureSelect 8bp Index F02 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index E02 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index D02 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index C02 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index B02 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index A02 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index H01 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index G01 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index F01 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index E01 | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |



## Section 6. Accidental release measures

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| SureSelect 8bp Index D01                     | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index C01                     | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index B01                     | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect 8bp Index A01                     | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Methyl-Seq PCR1 Primer R          | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Methyl-Seq Indexing Primer Common | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |

## Section 7. Handling and storage

### Precautions for safe handling

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| <b>Protective measures</b> | : | Exo(-) Klenow                            | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | 10X End Repair Buffer                    | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | 5X T4 DNA Ligase Buffer                  | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | Klenow DNA Polymerase                    | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | T4 DNA Ligase                            | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | T4 DNA Polymerase                        | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | T4 Polynucleotide Kinase                 | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | dNTP Mix                                 | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | 10X Klenow Polymerase Buffer             | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | dATP                                     | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | SureSelect Methyl-Seq Methylated Adapter | Put on appropriate personal protective equipment (see Section 8). |
|                            |   | SureSelect Methyl-Seq                    | Put on appropriate personal protective equipment                  |



## Section 7. Handling and storage

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| PCR1 primer F                        | (see Section 8).   |
| SureSelect Methyl-Seq PCR Master Mix | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect Hyb 1                     | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.   |
| SureSelect Hyb 2                     | Put on appropriate personal protective equipment (see Section 8). Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.  |
| SureSelect Hyb 4                     | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.                                 |
| SureSelect Binding Buffer            | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect Wash Buffer 1             | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect Wash Buffer 2             | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect Elution Buffer            | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage. |
| SureSelect Block 2                   | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect Hyb 3                     | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect RNase Block               | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect Methyl-Seq Block 3        | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect Indexing Block 1          | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect 8bp Index H02             | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect 8bp Index G02             | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect 8bp Index F02             | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect 8bp Index E02             | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect 8bp Index D02             | Put on appropriate personal protective equipment (see Section 8).  |
| SureSelect 8bp Index C02             | Put on appropriate personal protective equipment (see Section 8).  |

## Section 7. Handling and storage

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| SureSelect 8bp Index B02                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index A02                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index H01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index G01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index F01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index E01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index D01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index C01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index B01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect 8bp Index A01                     | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect Methyl-Seq PCR1 Primer R          | Put on appropriate personal protective equipment (see Section 8).   |
| SureSelect Methyl-Seq Indexing Primer Common | Put on appropriate personal protective equipment (see Section 8).   |
| <b>Exo(-) Klenow</b>                         | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| 10X End Repair Buffer                        | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| 5X T4 DNA Ligase Buffer                      | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| Klenow DNA Polymerase                        | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| T4 DNA Ligase                                | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| T4 DNA Polymerase                            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove   |

### Advice on general occupational hygiene

## Section 7. Handling and storage

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| T4 Polynucleotide Kinase                 | contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| dNTP Mix                                 | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| 10X Klenow Polymerase Buffer             | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| dATP                                     | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Methyl-Seq Methylated Adapter | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Methyl-Seq PCR1 primer F      | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Methyl-Seq PCR Master Mix     | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Hyb 1                         | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Hyb 2                         | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove   |

## Section 7. Handling and storage

|                               |   |
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| SureSelect Hyb 4              | contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect Binding Buffer     | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Wash Buffer 1      | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Wash Buffer 2      | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Elution Buffer     | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Block 2            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Hyb 3              | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect RNase Block        | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect Methyl-Seq Block 3 | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove   |

## Section 7. Handling and storage

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| SureSelect Indexing Block 1 | contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index H02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index G02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index F02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index E02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index D02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index C02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index B02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index A02    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove   |



## Section 7. Handling and storage

|                                     |   |
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|                                     | contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| SureSelect 8bp Index H01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index G01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index F01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index E01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index D01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index C01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index B01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect 8bp Index A01            | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| SureSelect Methyl-Seq PCR1 Primer R | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove   |



## Section 7. Handling and storage

SureSelect Methyl-Seq  
Indexing Primer Common

contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Exo(-) Klenow

10X End Repair Buffer

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

5X T4 DNA Ligase Buffer

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Klenow DNA Polymerase

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

T4 DNA Ligase

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled

## Section 7. Handling and storage

|  |   |
|--|---|
| T4 DNA Polymerase                        | containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| T4 Polynucleotide Kinase                 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| dNTP Mix                                 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| 10X Klenow Polymerase Buffer             | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| dATP                                     | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| SureSelect Methyl-Seq Methylated Adapter | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until  |

## Section 7. Handling and storage

|                                      |  |
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| SureSelect Methyl-Seq PCR1 primer F  | ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect Methyl-Seq PCR Master Mix | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Hyb 1                     | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Hyb 2                     | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Hyb 4                     | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Binding Buffer            | Store in accordance with local regulations. Store in original container protected from direct sunlight in a  |

## Section 7. Handling and storage

|                           |  |
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|                           | dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Wash Buffer 1  | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Wash Buffer 2  | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Elution Buffer | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Separate from acids. Keep away from metals. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect Block 2        | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect Hyb 3          | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled  |

## Section 7. Handling and storage

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| SureSelect RNase Block        | containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect Methyl-Seq Block 3 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| SureSelect Indexing Block 1   | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| SureSelect 8bp Index H02      | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| SureSelect 8bp Index G02      | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| SureSelect 8bp Index F02      | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until  |



## Section 7. Handling and storage

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| SureSelect 8bp Index E02 | ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect 8bp Index D02 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect 8bp Index C02 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect 8bp Index B02 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect 8bp Index A02 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |
| SureSelect 8bp Index H01 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a  |



## Section 7. Handling and storage

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|                          | dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.   |
| SureSelect 8bp Index G01 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect 8bp Index F01 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect 8bp Index E01 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect 8bp Index D01 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect 8bp Index C01 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for  |

## Section 7. Handling and storage

SureSelect 8bp Index B01

incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SureSelect 8bp Index A01

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SureSelect Methyl-Seq PCR1 Primer R

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SureSelect Methyl-Seq Indexing Primer Common

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls and personal protection

### [Control parameters](#)

### [Occupational exposure limits](#)

| Ingredient name  | Exposure limits   |
|--|---|
| <p><b>Exo(-) Klenow</b><br/>Glycerol</p> <p><b>5X T4 DNA Ligase Buffer</b><br/>Polyethylene glycol</p> | <p><b>Safe Work Australia (Australia, 1/2014).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p> <p><b>DFG MAC-values list (Germany, 7/2015).</b><br/>PEAK: 8000 mg/m<sup>3</sup>, 4 times per shift, 15 minutes. Form: Inhalable fraction<br/>TWA: 1000 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction</p> |

## Section 8. Exposure controls and personal protection

|   |  |
|---|--|
| <p><b>Klenow DNA Polymerase</b><br/>Glycerol</p>                | <p><b>Safe Work Australia (Australia, 1/2014).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p> |
| <p><b>T4 DNA Ligase</b><br/>Glycerol</p>                        | <p><b>Safe Work Australia (Australia, 1/2014).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p> |
| <p><b>T4 DNA Polymerase</b><br/>Glycerol</p>                    | <p><b>Safe Work Australia (Australia, 1/2014).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p> |
| <p><b>T4 Polynucleotide Kinase</b><br/>Glycerol</p>             | <p><b>Safe Work Australia (Australia, 1/2014).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p> |
| <p><b>SureSelect Methyl-Seq PCR Master Mix</b><br/>Glycerol</p> | <p><b>Safe Work Australia (Australia, 1/2014).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p> |
| <p><b>SureSelect RNase Block</b><br/>Glycerol</p>               | <p><b>Safe Work Australia (Australia, 1/2014).</b><br/>TWA: 10 mg/m<sup>3</sup> 8 hours.</p> |

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls and personal protection

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

**Physical state** :

|  |         |
|--|---------|
| Exo(-) Klenow                                | Liquid. |
| 10X End Repair Buffer                        | Liquid. |
| 5X T4 DNA Ligase Buffer                      | Liquid. |
| Klenow DNA Polymerase                        | Liquid. |
| T4 DNA Ligase                                | Liquid. |
| T4 DNA Polymerase                            | Liquid. |
| T4 Polynucleotide Kinase                     | Liquid. |
| dNTP Mix                                     | Liquid. |
| 10X Klenow Polymerase Buffer                 | Liquid. |
| dATP   | Liquid. |
| SureSelect Methyl-Seq Methylated Adapter     | Liquid. |
| SureSelect Methyl-Seq PCR1 primer F          | Liquid. |
| SureSelect Methyl-Seq PCR Master Mix         | Liquid. |
| SureSelect Hyb 1                             | Liquid. |
| SureSelect Hyb 2                             | Liquid. |
| SureSelect Hyb 4                             | Liquid. |
| SureSelect Binding Buffer                    | Liquid. |
| SureSelect Wash Buffer 1                     | Liquid. |
| SureSelect Wash Buffer 2                     | Liquid. |
| SureSelect Elution Buffer                    | Liquid. |
| SureSelect Block 2                           | Liquid. |
| SureSelect Hyb 3                             | Liquid. |
| SureSelect RNase Block                       | Liquid. |
| SureSelect Methyl-Seq Block 3                | Liquid. |
| SureSelect Indexing Block 1                  | Liquid. |
| SureSelect 8bp Index H02                     | Liquid. |
| SureSelect 8bp Index G02                     | Liquid. |
| SureSelect 8bp Index F02                     | Liquid. |
| SureSelect 8bp Index E02                     | Liquid. |
| SureSelect 8bp Index D02                     | Liquid. |
| SureSelect 8bp Index C02                     | Liquid. |
| SureSelect 8bp Index B02                     | Liquid. |
| SureSelect 8bp Index A02                     | Liquid. |
| SureSelect 8bp Index H01                     | Liquid. |
| SureSelect 8bp Index G01                     | Liquid. |
| SureSelect 8bp Index F01                     | Liquid. |
| SureSelect 8bp Index E01                     | Liquid. |
| SureSelect 8bp Index D01                     | Liquid. |
| SureSelect 8bp Index C01                     | Liquid. |
| SureSelect 8bp Index B01                     | Liquid. |
| SureSelect 8bp Index A01                     | Liquid. |
| SureSelect Methyl-Seq PCR1 Primer R          | Liquid. |
| SureSelect Methyl-Seq Indexing Primer Common | Liquid. |

## Section 9. Physical and chemical properties

|               |   |  |                |
|---------------|---|--|----------------|
| <b>Colour</b> | : | Exo(-) Klenow                                | Not available. |
|               |   | 10X End Repair Buffer                        | Not available. |
|               |   | 5X T4 DNA Ligase Buffer                      | Not available. |
|               |   | Klenow DNA Polymerase                        | Not available. |
|               |   | T4 DNA Ligase                                | Not available. |
|               |   | T4 DNA Polymerase                            | Not available. |
|               |   | T4 Polynucleotide Kinase                     | Not available. |
|               |   | dNTP Mix                                     | Not available. |
|               |   | 10X Klenow Polymerase Buffer                 | Not available. |
|               |   | dATP   | Not available. |
|               |   | SureSelect Methyl-Seq Methylated Adapter     | Not available. |
|               |   | SureSelect Methyl-Seq PCR1 primer F          | Not available. |
|               |   | SureSelect Methyl-Seq PCR Master Mix         | Not available. |
|               |   | SureSelect Hyb 1                             | Not available. |
|               |   | SureSelect Hyb 2                             | Not available. |
|               |   | SureSelect Hyb 4                             | Not available. |
|               |   | SureSelect Binding Buffer                    | Not available. |
|               |   | SureSelect Wash Buffer 1                     | Not available. |
|               |   | SureSelect Wash Buffer 2                     | Not available. |
|               |   | SureSelect Elution Buffer                    | Not available. |
|               |   | SureSelect Block 2                           | Colourless.    |
|               |   | SureSelect Hyb 3                             | Not available. |
|               |   | SureSelect RNase Block                       | Not available. |
|               |   | SureSelect Methyl-Seq Block 3                | Not available. |
|               |   | SureSelect Indexing Block 1                  | Not available. |
|               |   | SureSelect 8bp Index H02                     | Not available. |
|               |   | SureSelect 8bp Index G02                     | Not available. |
|               |   | SureSelect 8bp Index F02                     | Not available. |
|               |   | SureSelect 8bp Index E02                     | Not available. |
|               |   | SureSelect 8bp Index D02                     | Not available. |
|               |   | SureSelect 8bp Index C02                     | Not available. |
|               |   | SureSelect 8bp Index B02                     | Not available. |
|               |   | SureSelect 8bp Index A02                     | Not available. |
|               |   | SureSelect 8bp Index H01                     | Not available. |
|               |   | SureSelect 8bp Index G01                     | Not available. |
|               |   | SureSelect 8bp Index F01                     | Not available. |
|               |   | SureSelect 8bp Index E01                     | Not available. |
|               |   | SureSelect 8bp Index D01                     | Not available. |
|               |   | SureSelect 8bp Index C01                     | Not available. |
|               |   | SureSelect 8bp Index B01                     | Not available. |
|               |   | SureSelect 8bp Index A01                     | Not available. |
|               |   | SureSelect Methyl-Seq PCR1 Primer R          | Not available. |
|               |   | SureSelect Methyl-Seq Indexing Primer Common | Not available. |
| <b>Odour</b>  | : | Exo(-) Klenow                                | Not available. |
|               |   | 10X End Repair Buffer                        | Not available. |
|               |   | 5X T4 DNA Ligase Buffer                      | Not available. |
|               |   | Klenow DNA Polymerase                        | Not available. |
|               |   | T4 DNA Ligase                                | Not available. |
|               |   | T4 DNA Polymerase                            | Not available. |
|               |   | T4 Polynucleotide Kinase                     | Not available. |
|               |   | dNTP Mix                                     | Not available. |
|               |   | 10X Klenow Polymerase Buffer                 | Not available. |
|               |   | dATP   | Not available. |
|               |   | SureSelect Methyl-Seq Methylated Adapter     | Not available. |

## Section 9. Physical and chemical properties

|  |                |
|--|----------------|
| SureSelect Methyl-Seq PCR1 primer F          | Not available. |
| SureSelect Methyl-Seq PCR Master Mix         | Not available. |
| SureSelect Hyb 1                             | Not available. |
| SureSelect Hyb 2                             | Not available. |
| SureSelect Hyb 4                             | Not available. |
| SureSelect Binding Buffer                    | Not available. |
| SureSelect Wash Buffer 1                     | Not available. |
| SureSelect Wash Buffer 2                     | Not available. |
| SureSelect Elution Buffer                    | Not available. |
| SureSelect Block 2                           | Odourless.     |
| SureSelect Hyb 3                             | Not available. |
| SureSelect RNase Block                       | Not available. |
| SureSelect Methyl-Seq Block 3                | Not available. |
| SureSelect Indexing Block 1                  | Not available. |
| SureSelect 8bp Index H02                     | Not available. |
| SureSelect 8bp Index G02                     | Not available. |
| SureSelect 8bp Index F02                     | Not available. |
| SureSelect 8bp Index E02                     | Not available. |
| SureSelect 8bp Index D02                     | Not available. |
| SureSelect 8bp Index C02                     | Not available. |
| SureSelect 8bp Index B02                     | Not available. |
| SureSelect 8bp Index A02                     | Not available. |
| SureSelect 8bp Index H01                     | Not available. |
| SureSelect 8bp Index G01                     | Not available. |
| SureSelect 8bp Index F01                     | Not available. |
| SureSelect 8bp Index E01                     | Not available. |
| SureSelect 8bp Index D01                     | Not available. |
| SureSelect 8bp Index C01                     | Not available. |
| SureSelect 8bp Index B01                     | Not available. |
| SureSelect 8bp Index A01                     | Not available. |
| SureSelect Methyl-Seq PCR1 Primer R          | Not available. |
| SureSelect Methyl-Seq Indexing Primer Common | Not available. |
| Exo(-) Klenow                                | Not available. |
| 10X End Repair Buffer                        | Not available. |
| 5X T4 DNA Ligase Buffer                      | Not available. |
| Klenow DNA Polymerase                        | Not available. |
| T4 DNA Ligase                                | Not available. |
| T4 DNA Polymerase                            | Not available. |
| T4 Polynucleotide Kinase                     | Not available. |
| dNTP Mix                                     | Not available. |
| 10X Klenow Polymerase Buffer                 | Not available. |
| dATP   | Not available. |
| SureSelect Methyl-Seq Methylated Adapter     | Not available. |
| SureSelect Methyl-Seq PCR1 primer F          | Not available. |
| SureSelect Methyl-Seq PCR Master Mix         | Not available. |
| SureSelect Hyb 1                             | Not available. |
| SureSelect Hyb 2                             | Not available. |
| SureSelect Hyb 4                             | Not available. |
| SureSelect Binding Buffer                    | Not available. |
| SureSelect Wash Buffer 1                     | Not available. |
| SureSelect Wash Buffer 2                     | Not available. |
| SureSelect Elution Buffer                    | Not available. |
| SureSelect Block 2                           | Not available. |
| SureSelect Hyb 3                             | Not available. |

### Odour threshold

|  |                |
|--|----------------|
| Exo(-) Klenow                            | Not available. |
| 10X End Repair Buffer                    | Not available. |
| 5X T4 DNA Ligase Buffer                  | Not available. |
| Klenow DNA Polymerase                    | Not available. |
| T4 DNA Ligase                            | Not available. |
| T4 DNA Polymerase                        | Not available. |
| T4 Polynucleotide Kinase                 | Not available. |
| dNTP Mix                                 | Not available. |
| 10X Klenow Polymerase Buffer             | Not available. |
| dATP                                     | Not available. |
| SureSelect Methyl-Seq Methylated Adapter | Not available. |
| SureSelect Methyl-Seq PCR1 primer F      | Not available. |
| SureSelect Methyl-Seq PCR Master Mix     | Not available. |
| SureSelect Hyb 1                         | Not available. |
| SureSelect Hyb 2                         | Not available. |
| SureSelect Hyb 4                         | Not available. |
| SureSelect Binding Buffer                | Not available. |
| SureSelect Wash Buffer 1                 | Not available. |
| SureSelect Wash Buffer 2                 | Not available. |
| SureSelect Elution Buffer                | Not available. |
| SureSelect Block 2                       | Not available. |
| SureSelect Hyb 3                         | Not available. |



## Section 9. Physical and chemical properties

|           |   |                |
|-----------|---|----------------|
|           | SureSelect RNase Block                          | Not available. |
|           | SureSelect Methyl-Seq<br>Block 3                | Not available. |
|           | SureSelect Indexing Block 1                     | Not available. |
|           | SureSelect 8bp Index H02                        | Not available. |
|           | SureSelect 8bp Index G02                        | Not available. |
|           | SureSelect 8bp Index F02                        | Not available. |
|           | SureSelect 8bp Index E02                        | Not available. |
|           | SureSelect 8bp Index D02                        | Not available. |
|           | SureSelect 8bp Index C02                        | Not available. |
|           | SureSelect 8bp Index B02                        | Not available. |
|           | SureSelect 8bp Index A02                        | Not available. |
|           | SureSelect 8bp Index H01                        | Not available. |
|           | SureSelect 8bp Index G01                        | Not available. |
|           | SureSelect 8bp Index F01                        | Not available. |
|           | SureSelect 8bp Index E01                        | Not available. |
|           | SureSelect 8bp Index D01                        | Not available. |
|           | SureSelect 8bp Index C01                        | Not available. |
|           | SureSelect 8bp Index B01                        | Not available. |
|           | SureSelect 8bp Index A01                        | Not available. |
|           | SureSelect Methyl-Seq<br>PCR1 Primer R          | Not available. |
|           | SureSelect Methyl-Seq<br>Indexing Primer Common | Not available. |
| <b>pH</b> | <b>Exo(-) Klenow</b>                            | 7.5 to 7.5     |
|           | 10X End Repair Buffer                           | 7 to 8         |
|           | 5X T4 DNA Ligase Buffer                         | 7 to 8         |
|           | Klenow DNA Polymerase                           | 6.5 to 7.5     |
|           | T4 DNA Ligase                                   | 7 to 8         |
|           | T4 DNA Polymerase                               | 6 to 7         |
|           | T4 Polynucleotide Kinase                        | 6.9 to 7.9     |
|           | dNTP Mix  | 7.5            |
|           | 10X Klenow Polymerase<br>Buffer                 | 7 to 8         |
|           | dATP  | 7 to 8         |
|           | SureSelect Methyl-Seq<br>Methylated Adapter     | 7.5            |
|           | SureSelect Methyl-Seq<br>PCR1 primer F          | 7.5            |
|           | SureSelect Methyl-Seq PCR<br>Master Mix         | 8.8            |
|           | SureSelect Hyb 1                                | 7.4            |
|           | SureSelect Hyb 2                                | 8              |
|           | SureSelect Hyb 4                                | 5.2 to 6.2     |
|           | SureSelect Binding Buffer                       | 7.5            |
|           | SureSelect Wash Buffer 1                        | 7              |
|           | SureSelect Wash Buffer 2                        | 7              |
|           | SureSelect Elution Buffer                       | 12.2 to 13.4   |
|           | SureSelect Block 2                              | Not available. |
|           | SureSelect Hyb 3                                | 7              |
|           | SureSelect RNase Block                          | 7.6            |
|           | SureSelect Methyl-Seq<br>Block 3                | Not available. |
|           | SureSelect Indexing Block 1                     | Not available. |
|           | SureSelect 8bp Index H02                        | 7.5            |
|           | SureSelect 8bp Index G02                        | 7.5            |
|           | SureSelect 8bp Index F02                        | 7.5            |
|           | SureSelect 8bp Index E02                        | 7.5            |
|           | SureSelect 8bp Index D02                        | 7.5            |
|           | SureSelect 8bp Index C02                        | 7.5            |
|           | SureSelect 8bp Index B02                        | 7.5            |
|           | SureSelect 8bp Index A02                        | 7.5            |
|           | SureSelect 8bp Index H01                        | 7.5            |

## Section 9. Physical and chemical properties

|                      |                             |                |
|----------------------|-----------------------------|----------------|
|                      | SureSelect 8bp Index G01    | 7.5            |
|                      | SureSelect 8bp Index F01    | 7.5            |
|                      | SureSelect 8bp Index E01    | 7.5            |
|                      | SureSelect 8bp Index D01    | 7.5            |
|                      | SureSelect 8bp Index C01    | 7.5            |
|                      | SureSelect 8bp Index B01    | 7.5            |
|                      | SureSelect 8bp Index A01    | 7.5            |
|                      | SureSelect Methyl-Seq       | 7.5            |
|                      | PCR1 Primer R               |                |
|                      | SureSelect Methyl-Seq       | 7.5            |
|                      | Indexing Primer Common      |                |
| <b>Melting point</b> | <b>Exo(-) Klenow</b>        | Not available. |
|                      | 10X End Repair Buffer       | Not available. |
|                      | 5X T4 DNA Ligase Buffer     | Not available. |
|                      | Klenow DNA Polymerase       | Not available. |
|                      | T4 DNA Ligase               | Not available. |
|                      | T4 DNA Polymerase           | Not available. |
|                      | T4 Polynucleotide Kinase    | Not available. |
|                      | dNTP Mix                    | 0°C (32°F)     |
|                      | 10X Klenow Polymerase       | Not available. |
|                      | Buffer                      |                |
|                      | dATP                        | 0°C (32°F)     |
|                      | SureSelect Methyl-Seq       | 0°C (32°F)     |
|                      | Methylated Adapter          |                |
|                      | SureSelect Methyl-Seq       | 0°C (32°F)     |
|                      | PCR1 primer F               |                |
|                      | SureSelect Methyl-Seq PCR   | 0°C (32°F)     |
|                      | Master Mix                  |                |
|                      | SureSelect Hyb 1            | Not available. |
|                      | SureSelect Hyb 2            | Not available. |
|                      | SureSelect Hyb 4            | 0°C (32°F)     |
|                      | SureSelect Binding Buffer   | Not available. |
|                      | SureSelect Wash Buffer 1    | 0°C (32°F)     |
|                      | SureSelect Wash Buffer 2    | 0°C (32°F)     |
|                      | SureSelect Elution Buffer   | 0°C (32°F)     |
|                      | SureSelect Block 2          | 0°C (32°F)     |
|                      | SureSelect Hyb 3            | 0°C (32°F)     |
|                      | SureSelect RNase Block      | Not available. |
|                      | SureSelect Methyl-Seq       | 0°C (32°F)     |
|                      | Block 3                     |                |
|                      | SureSelect Indexing Block 1 | 0°C (32°F)     |
|                      | SureSelect 8bp Index H02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index G02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index F02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index E02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index D02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index C02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index B02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index A02    | 0°C (32°F)     |
|                      | SureSelect 8bp Index H01    | 0°C (32°F)     |
|                      | SureSelect 8bp Index G01    | 0°C (32°F)     |
|                      | SureSelect 8bp Index F01    | 0°C (32°F)     |
|                      | SureSelect 8bp Index E01    | 0°C (32°F)     |
|                      | SureSelect 8bp Index D01    | 0°C (32°F)     |
|                      | SureSelect 8bp Index C01    | 0°C (32°F)     |
|                      | SureSelect 8bp Index B01    | 0°C (32°F)     |
|                      | SureSelect 8bp Index A01    | 0°C (32°F)     |
|                      | SureSelect Methyl-Seq       | 0°C (32°F)     |
|                      | PCR1 Primer R               |                |
|                      | SureSelect Methyl-Seq       | 0°C (32°F)     |
|                      | Indexing Primer Common      |                |

## Section 9. Physical and chemical properties

|  |                |  |                |
|--|----------------|--|----------------|
| <b>Boiling point</b>                     | :              | Exo(-) Klenow                                | Not available. |
|  |                | 10X End Repair Buffer                        | Not available. |
|  |                | 5X T4 DNA Ligase Buffer                      | Not available. |
|  |                | Klenow DNA Polymerase                        | Not available. |
|  |                | T4 DNA Ligase                                | Not available. |
|  |                | T4 DNA Polymerase                            | Not available. |
|  |                | T4 Polynucleotide Kinase                     | Not available. |
|  |                | dNTP Mix                                     | 100°C (212°F)  |
|  |                | 10X Klenow Polymerase Buffer                 | Not available. |
|  |                | dATP   | 100°C (212°F)  |
|  |                | SureSelect Methyl-Seq Methylated Adapter     | 100°C (212°F)  |
|  |                | SureSelect Methyl-Seq PCR1 primer F          | 100°C (212°F)  |
|  |                | SureSelect Methyl-Seq PCR Master Mix         | 100°C (212°F)  |
|  |                | SureSelect Hyb 1                             | Not available. |
|  |                | SureSelect Hyb 2                             | Not available. |
|  |                | SureSelect Hyb 4                             | 100°C (212°F)  |
|  |                | SureSelect Binding Buffer                    | Not available. |
|  |                | SureSelect Wash Buffer 1                     | 100°C (212°F)  |
|  |                | SureSelect Wash Buffer 2                     | 100°C (212°F)  |
|  |                | SureSelect Elution Buffer                    | 100°C (212°F)  |
|  |                | SureSelect Block 2                           | 100°C (212°F)  |
|  |                | SureSelect Hyb 3                             | 100°C (212°F)  |
|  |                | SureSelect RNase Block                       | Not available. |
|  |                | SureSelect Methyl-Seq Block 3                | 100°C (212°F)  |
|  |                | SureSelect Indexing Block 1                  | 100°C (212°F)  |
|  |                | SureSelect 8bp Index H02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index G02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index F02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index E02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index D02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index C02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index B02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index A02                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index H01                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index G01                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index F01                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index E01                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index D01                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index C01                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index B01                     | 100°C (212°F)  |
|  |                | SureSelect 8bp Index A01                     | 100°C (212°F)  |
|  |                | SureSelect Methyl-Seq PCR1 Primer R          | 100°C (212°F)  |
|  |                | SureSelect Methyl-Seq Indexing Primer Common | 100°C (212°F)  |
| <b>Flash point</b>                       | :              | Exo(-) Klenow                                | Not available. |
|  |                | 10X End Repair Buffer                        | Not available. |
|  |                | 5X T4 DNA Ligase Buffer                      | Not available. |
|  |                | Klenow DNA Polymerase                        | Not available. |
|  |                | T4 DNA Ligase                                | Not available. |
|  |                | T4 DNA Polymerase                            | Not available. |
|  |                | T4 Polynucleotide Kinase                     | Not available. |
|  |                | dNTP Mix                                     | Not available. |
|  |                | 10X Klenow Polymerase Buffer                 | Not available. |
|  |                | dATP   | Not available. |
| SureSelect Methyl-Seq Methylated Adapter | Not available. |  |                |

## Section 9. Physical and chemical properties

|                         |  |                |
|-------------------------|--|----------------|
|                         | SureSelect Methyl-Seq PCR1 primer F          | Not available. |
|                         | SureSelect Methyl-Seq PCR Master Mix         | Not available. |
|                         | SureSelect Hyb 1                             | Not available. |
|                         | SureSelect Hyb 2                             | Not available. |
|                         | SureSelect Hyb 4                             | Not available. |
|                         | SureSelect Binding Buffer                    | Not available. |
|                         | SureSelect Wash Buffer 1                     | Not available. |
|                         | SureSelect Wash Buffer 2                     | Not available. |
|                         | SureSelect Elution Buffer                    | Not available. |
|                         | SureSelect Block 2                           | Not available. |
|                         | SureSelect Hyb 3                             | Not available. |
|                         | SureSelect RNase Block                       | Not available. |
|                         | SureSelect Methyl-Seq Block 3                | Not available. |
|                         | SureSelect Indexing Block 1                  | Not available. |
|                         | SureSelect 8bp Index H02                     | Not available. |
|                         | SureSelect 8bp Index G02                     | Not available. |
|                         | SureSelect 8bp Index F02                     | Not available. |
|                         | SureSelect 8bp Index E02                     | Not available. |
|                         | SureSelect 8bp Index D02                     | Not available. |
|                         | SureSelect 8bp Index C02                     | Not available. |
|                         | SureSelect 8bp Index B02                     | Not available. |
|                         | SureSelect 8bp Index A02                     | Not available. |
|                         | SureSelect 8bp Index H01                     | Not available. |
|                         | SureSelect 8bp Index G01                     | Not available. |
|                         | SureSelect 8bp Index F01                     | Not available. |
|                         | SureSelect 8bp Index E01                     | Not available. |
|                         | SureSelect 8bp Index D01                     | Not available. |
|                         | SureSelect 8bp Index C01                     | Not available. |
|                         | SureSelect 8bp Index B01                     | Not available. |
|                         | SureSelect 8bp Index A01                     | Not available. |
|                         | SureSelect Methyl-Seq PCR1 Primer R          | Not available. |
|                         | SureSelect Methyl-Seq Indexing Primer Common | Not available. |
| <b>Evaporation rate</b> | : Exo(-) Klenow                              | Not available. |
|                         | 10X End Repair Buffer                        | Not available. |
|                         | 5X T4 DNA Ligase Buffer                      | Not available. |
|                         | Klenow DNA Polymerase                        | Not available. |
|                         | T4 DNA Ligase                                | Not available. |
|                         | T4 DNA Polymerase                            | Not available. |
|                         | T4 Polynucleotide Kinase                     | Not available. |
|                         | dNTP Mix                                     | Not available. |
|                         | 10X Klenow Polymerase Buffer                 | Not available. |
|                         | dATP   | Not available. |
|                         | SureSelect Methyl-Seq Methylated Adapter     | Not available. |
|                         | SureSelect Methyl-Seq PCR1 primer F          | Not available. |
|                         | SureSelect Methyl-Seq PCR Master Mix         | Not available. |
|                         | SureSelect Hyb 1                             | Not available. |
|                         | SureSelect Hyb 2                             | Not available. |
|                         | SureSelect Hyb 4                             | Not available. |
|                         | SureSelect Binding Buffer                    | Not available. |
|                         | SureSelect Wash Buffer 1                     | Not available. |
|                         | SureSelect Wash Buffer 2                     | Not available. |
|                         | SureSelect Elution Buffer                    | Not available. |
|                         | SureSelect Block 2                           | Not available. |
|                         | SureSelect Hyb 3                             | Not available. |

## Section 9. Physical and chemical properties

|                                  |  |                 |
|----------------------------------|--|-----------------|
|                                  | SureSelect RNase Block                       | Not available.  |
|                                  | SureSelect Methyl-Seq Block 3                | Not available.  |
|                                  | SureSelect Indexing Block 1                  | Not available.  |
|                                  | SureSelect 8bp Index H02                     | Not available.  |
|                                  | SureSelect 8bp Index G02                     | Not available.  |
|                                  | SureSelect 8bp Index F02                     | Not available.  |
|                                  | SureSelect 8bp Index E02                     | Not available.  |
|                                  | SureSelect 8bp Index D02                     | Not available.  |
|                                  | SureSelect 8bp Index C02                     | Not available.  |
|                                  | SureSelect 8bp Index B02                     | Not available.  |
|                                  | SureSelect 8bp Index A02                     | Not available.  |
|                                  | SureSelect 8bp Index H01                     | Not available.  |
|                                  | SureSelect 8bp Index G01                     | Not available.  |
|                                  | SureSelect 8bp Index F01                     | Not available.  |
|                                  | SureSelect 8bp Index E01                     | Not available.  |
|                                  | SureSelect 8bp Index D01                     | Not available.  |
|                                  | SureSelect 8bp Index C01                     | Not available.  |
|                                  | SureSelect 8bp Index B01                     | Not available.  |
|                                  | SureSelect 8bp Index A01                     | Not available.  |
|                                  | SureSelect Methyl-Seq PCR1 Primer R          | Not available.  |
|                                  | SureSelect Methyl-Seq Indexing Primer Common | Not available.  |
| <b>Flammability (solid, gas)</b> | <b>Exo(-) Klenow</b>                         | Not applicable. |
|                                  | 10X End Repair Buffer                        | Not applicable. |
|                                  | 5X T4 DNA Ligase Buffer                      | Not applicable. |
|                                  | Klenow DNA Polymerase                        | Not applicable. |
|                                  | T4 DNA Ligase                                | Not applicable. |
|                                  | T4 DNA Polymerase                            | Not applicable. |
|                                  | T4 Polynucleotide Kinase                     | Not applicable. |
|                                  | dNTP Mix                                     | Not applicable. |
|                                  | 10X Klenow Polymerase Buffer                 | Not applicable. |
|                                  | dATP   | Not applicable. |
|                                  | SureSelect Methyl-Seq Methylated Adapter     | Not applicable. |
|                                  | SureSelect Methyl-Seq PCR1 primer F          | Not applicable. |
|                                  | SureSelect Methyl-Seq PCR Master Mix         | Not applicable. |
|                                  | SureSelect Hyb 1                             | Not applicable. |
|                                  | SureSelect Hyb 2                             | Not applicable. |
|                                  | SureSelect Hyb 4                             | Not applicable. |
|                                  | SureSelect Binding Buffer                    | Not applicable. |
|                                  | SureSelect Wash Buffer 1                     | Not applicable. |
|                                  | SureSelect Wash Buffer 2                     | Not applicable. |
|                                  | SureSelect Elution Buffer                    | Not applicable. |
|                                  | SureSelect Block 2                           | Not applicable. |
|                                  | SureSelect Hyb 3                             | Not applicable. |
|                                  | SureSelect RNase Block                       | Not applicable. |
|                                  | SureSelect Methyl-Seq Block 3                | Not applicable. |
|                                  | SureSelect Indexing Block 1                  | Not applicable. |
|                                  | SureSelect 8bp Index H02                     | Not applicable. |
|                                  | SureSelect 8bp Index G02                     | Not applicable. |
|                                  | SureSelect 8bp Index F02                     | Not applicable. |
|                                  | SureSelect 8bp Index E02                     | Not applicable. |
|                                  | SureSelect 8bp Index D02                     | Not applicable. |
|                                  | SureSelect 8bp Index C02                     | Not applicable. |
|                                  | SureSelect 8bp Index B02                     | Not applicable. |
|                                  | SureSelect 8bp Index A02                     | Not applicable. |
|                                  | SureSelect 8bp Index H01                     | Not applicable. |

## Section 9. Physical and chemical properties

|   |   |                 |
|---|---|-----------------|
|   | SureSelect 8bp Index G01                        | Not applicable. |
|   | SureSelect 8bp Index F01                        | Not applicable. |
|   | SureSelect 8bp Index E01                        | Not applicable. |
|   | SureSelect 8bp Index D01                        | Not applicable. |
|   | SureSelect 8bp Index C01                        | Not applicable. |
|   | SureSelect 8bp Index B01                        | Not applicable. |
|   | SureSelect 8bp Index A01                        | Not applicable. |
|   | SureSelect Methyl-Seq<br>PCR1 Primer R          | Not applicable. |
|   | SureSelect Methyl-Seq<br>Indexing Primer Common | Not applicable. |
| <b>Lower and upper explosive<br/>(flammable) limits</b> | Exo(-) Klenow                                   | Not available.  |
|   | 10X End Repair Buffer                           | Not available.  |
|   | 5X T4 DNA Ligase Buffer                         | Not available.  |
|   | Klenow DNA Polymerase                           | Not available.  |
|   | T4 DNA Ligase                                   | Not available.  |
|   | T4 DNA Polymerase                               | Not available.  |
|   | T4 Polynucleotide Kinase                        | Not available.  |
|   | dNTP Mix  | Not available.  |
|   | 10X Klenow Polymerase<br>Buffer                 | Not available.  |
|   | dATP  | Not available.  |
|   | SureSelect Methyl-Seq<br>Methylated Adapter     | Not available.  |
|   | SureSelect Methyl-Seq<br>PCR1 primer F          | Not available.  |
|   | SureSelect Methyl-Seq PCR<br>Master Mix         | Not available.  |
|   | SureSelect Hyb 1                                | Not available.  |
|   | SureSelect Hyb 2                                | Not available.  |
|   | SureSelect Hyb 4                                | Not available.  |
|   | SureSelect Binding Buffer                       | Not available.  |
|   | SureSelect Wash Buffer 1                        | Not available.  |
|   | SureSelect Wash Buffer 2                        | Not available.  |
|   | SureSelect Elution Buffer                       | Not available.  |
|   | SureSelect Block 2                              | Not available.  |
|   | SureSelect Hyb 3                                | Not available.  |
|   | SureSelect RNase Block<br>Block 3               | Not available.  |
|   | SureSelect Indexing Block 1                     | Not available.  |
|   | SureSelect 8bp Index H02                        | Not available.  |
|   | SureSelect 8bp Index G02                        | Not available.  |
|   | SureSelect 8bp Index F02                        | Not available.  |
|   | SureSelect 8bp Index E02                        | Not available.  |
|   | SureSelect 8bp Index D02                        | Not available.  |
|   | SureSelect 8bp Index C02                        | Not available.  |
|   | SureSelect 8bp Index B02                        | Not available.  |
|   | SureSelect 8bp Index A02                        | Not available.  |
|   | SureSelect 8bp Index H01                        | Not available.  |
|   | SureSelect 8bp Index G01                        | Not available.  |
|   | SureSelect 8bp Index F01                        | Not available.  |
|   | SureSelect 8bp Index E01                        | Not available.  |
|   | SureSelect 8bp Index D01                        | Not available.  |
|   | SureSelect 8bp Index C01                        | Not available.  |
|   | SureSelect 8bp Index B01                        | Not available.  |
|   | SureSelect 8bp Index A01                        | Not available.  |
|   | SureSelect Methyl-Seq<br>PCR1 Primer R          | Not available.  |
|   | SureSelect Methyl-Seq<br>Indexing Primer Common | Not available.  |



## Section 9. Physical and chemical properties

|                        |                          |                             |                |
|------------------------|--------------------------|-----------------------------|----------------|
| <b>Vapour pressure</b> | :                        | Exo(-) Klenow               | Not available. |
|                        |                          | 10X End Repair Buffer       | Not available. |
|                        |                          | 5X T4 DNA Ligase Buffer     | Not available. |
|                        |                          | Klenow DNA Polymerase       | Not available. |
|                        |                          | T4 DNA Ligase               | Not available. |
|                        |                          | T4 DNA Polymerase           | Not available. |
|                        |                          | T4 Polynucleotide Kinase    | Not available. |
|                        |                          | dNTP Mix                    | Not available. |
|                        |                          | 10X Klenow Polymerase       | Not available. |
|                        |                          | Buffer                      |                |
|                        |                          | dATP                        | Not available. |
|                        |                          | SureSelect Methyl-Seq       | Not available. |
|                        |                          | Methylated Adapter          |                |
|                        |                          | SureSelect Methyl-Seq       | Not available. |
|                        |                          | PCR1 primer F               |                |
|                        |                          | SureSelect Methyl-Seq PCR   | Not available. |
|                        |                          | Master Mix                  |                |
|                        |                          | SureSelect Hyb 1            | Not available. |
|                        |                          | SureSelect Hyb 2            | Not available. |
|                        |                          | SureSelect Hyb 4            | Not available. |
|                        |                          | SureSelect Binding Buffer   | Not available. |
|                        |                          | SureSelect Wash Buffer 1    | Not available. |
|                        |                          | SureSelect Wash Buffer 2    | Not available. |
|                        |                          | SureSelect Elution Buffer   | Not available. |
|                        |                          | SureSelect Block 2          | Not available. |
|                        |                          | SureSelect Hyb 3            | Not available. |
|                        |                          | SureSelect RNase Block      | Not available. |
|                        |                          | SureSelect Methyl-Seq       | Not available. |
|                        |                          | Block 3                     |                |
|                        |                          | SureSelect Indexing Block 1 | Not available. |
|                        |                          | SureSelect 8bp Index H02    | Not available. |
|                        |                          | SureSelect 8bp Index G02    | Not available. |
|                        |                          | SureSelect 8bp Index F02    | Not available. |
|                        |                          | SureSelect 8bp Index E02    | Not available. |
|                        |                          | SureSelect 8bp Index D02    | Not available. |
|                        |                          | SureSelect 8bp Index C02    | Not available. |
|                        |                          | SureSelect 8bp Index B02    | Not available. |
|                        |                          | SureSelect 8bp Index A02    | Not available. |
|                        |                          | SureSelect 8bp Index H01    | Not available. |
|                        |                          | SureSelect 8bp Index G01    | Not available. |
|                        |                          | SureSelect 8bp Index F01    | Not available. |
|                        |                          | SureSelect 8bp Index E01    | Not available. |
|                        | SureSelect 8bp Index D01 | Not available.              |                |
|                        | SureSelect 8bp Index C01 | Not available.              |                |
|                        | SureSelect 8bp Index B01 | Not available.              |                |
|                        | SureSelect 8bp Index A01 | Not available.              |                |
|                        | SureSelect Methyl-Seq    | Not available.              |                |
|                        | PCR1 Primer R            |                             |                |
|                        | SureSelect Methyl-Seq    | Not available.              |                |
|                        | Indexing Primer Common   |                             |                |
| <b>Vapour density</b>  | :                        | Exo(-) Klenow               | Not available. |
|                        |                          | 10X End Repair Buffer       | Not available. |
|                        |                          | 5X T4 DNA Ligase Buffer     | Not available. |
|                        |                          | Klenow DNA Polymerase       | Not available. |
|                        |                          | T4 DNA Ligase               | Not available. |
|                        |                          | T4 DNA Polymerase           | Not available. |
|                        |                          | T4 Polynucleotide Kinase    | Not available. |
|                        |                          | dNTP Mix                    | Not available. |
|                        |                          | 10X Klenow Polymerase       | Not available. |
|                        |                          | Buffer                      |                |
|                        |                          | dATP                        | Not available. |
|                        |                          | SureSelect Methyl-Seq       | Not available. |
|                        |                          | Methylated Adapter          |                |

## Section 9. Physical and chemical properties

|                         |  |                |
|-------------------------|--|----------------|
|                         | SureSelect Methyl-Seq PCR1 primer F          | Not available. |
|                         | SureSelect Methyl-Seq PCR Master Mix         | Not available. |
|                         | SureSelect Hyb 1                             | Not available. |
|                         | SureSelect Hyb 2                             | Not available. |
|                         | SureSelect Hyb 4                             | Not available. |
|                         | SureSelect Binding Buffer                    | Not available. |
|                         | SureSelect Wash Buffer 1                     | Not available. |
|                         | SureSelect Wash Buffer 2                     | Not available. |
|                         | SureSelect Elution Buffer                    | Not available. |
|                         | SureSelect Block 2                           | Not available. |
|                         | SureSelect Hyb 3                             | Not available. |
|                         | SureSelect RNase Block                       | Not available. |
|                         | SureSelect Methyl-Seq Block 3                | Not available. |
|                         | SureSelect Indexing Block 1                  | Not available. |
|                         | SureSelect 8bp Index H02                     | Not available. |
|                         | SureSelect 8bp Index G02                     | Not available. |
|                         | SureSelect 8bp Index F02                     | Not available. |
|                         | SureSelect 8bp Index E02                     | Not available. |
|                         | SureSelect 8bp Index D02                     | Not available. |
|                         | SureSelect 8bp Index C02                     | Not available. |
|                         | SureSelect 8bp Index B02                     | Not available. |
|                         | SureSelect 8bp Index A02                     | Not available. |
|                         | SureSelect 8bp Index H01                     | Not available. |
|                         | SureSelect 8bp Index G01                     | Not available. |
|                         | SureSelect 8bp Index F01                     | Not available. |
|                         | SureSelect 8bp Index E01                     | Not available. |
|                         | SureSelect 8bp Index D01                     | Not available. |
|                         | SureSelect 8bp Index C01                     | Not available. |
|                         | SureSelect 8bp Index B01                     | Not available. |
|                         | SureSelect 8bp Index A01                     | Not available. |
|                         | SureSelect Methyl-Seq PCR1 Primer R          | Not available. |
|                         | SureSelect Methyl-Seq Indexing Primer Common | Not available. |
| <b>Relative density</b> | : Exo(-) Klenow                              | Not available. |
|                         | 10X End Repair Buffer                        | Not available. |
|                         | 5X T4 DNA Ligase Buffer                      | Not available. |
|                         | Klenow DNA Polymerase                        | Not available. |
|                         | T4 DNA Ligase                                | Not available. |
|                         | T4 DNA Polymerase                            | Not available. |
|                         | T4 Polynucleotide Kinase                     | Not available. |
|                         | dNTP Mix                                     | Not available. |
|                         | 10X Klenow Polymerase Buffer                 | Not available. |
|                         | dATP   | Not available. |
|                         | SureSelect Methyl-Seq Methylated Adapter     | Not available. |
|                         | SureSelect Methyl-Seq PCR1 primer F          | Not available. |
|                         | SureSelect Methyl-Seq PCR Master Mix         | Not available. |
|                         | SureSelect Hyb 1                             | Not available. |
|                         | SureSelect Hyb 2                             | Not available. |
|                         | SureSelect Hyb 4                             | Not available. |
|                         | SureSelect Binding Buffer                    | Not available. |
|                         | SureSelect Wash Buffer 1                     | Not available. |
|                         | SureSelect Wash Buffer 2                     | Not available. |
|                         | SureSelect Elution Buffer                    | Not available. |
|                         | SureSelect Block 2                           | Not available. |
|                         | SureSelect Hyb 3                             | Not available. |

## Section 9. Physical and chemical properties

|  |                |
|--|----------------|
| SureSelect RNase Block                       | Not available. |
| SureSelect Methyl-Seq Block 3                | Not available. |
| SureSelect Indexing Block 1                  | Not available. |
| SureSelect 8bp Index H02                     | Not available. |
| SureSelect 8bp Index G02                     | Not available. |
| SureSelect 8bp Index F02                     | Not available. |
| SureSelect 8bp Index E02                     | Not available. |
| SureSelect 8bp Index D02                     | Not available. |
| SureSelect 8bp Index C02                     | Not available. |
| SureSelect 8bp Index B02                     | Not available. |
| SureSelect 8bp Index A02                     | Not available. |
| SureSelect 8bp Index H01                     | Not available. |
| SureSelect 8bp Index G01                     | Not available. |
| SureSelect 8bp Index F01                     | Not available. |
| SureSelect 8bp Index E01                     | Not available. |
| SureSelect 8bp Index D01                     | Not available. |
| SureSelect 8bp Index C01                     | Not available. |
| SureSelect 8bp Index B01                     | Not available. |
| SureSelect 8bp Index A01                     | Not available. |
| SureSelect Methyl-Seq PCR1 Primer R          | Not available. |
| SureSelect Methyl-Seq Indexing Primer Common | Not available. |

### Solubility

|  |  |
|--|--|
| : Exo(-) Klenow                          | Soluble in the following materials: cold water and hot water.        |
| 10X End Repair Buffer                    | Easily soluble in the following materials: cold water and hot water. |
| 5X T4 DNA Ligase Buffer                  | Soluble in the following materials: cold water and hot water.        |
| Klenow DNA Polymerase                    | Soluble in the following materials: cold water and hot water.        |
| T4 DNA Ligase                            | Soluble in the following materials: cold water and hot water.        |
| T4 DNA Polymerase                        | Soluble in the following materials: cold water and hot water.        |
| T4 Polynucleotide Kinase                 | Soluble in the following materials: cold water and hot water.        |
| dNTP Mix                                 | Easily soluble in the following materials: cold water and hot water. |
| 10X Klenow Polymerase Buffer             | Easily soluble in the following materials: cold water and hot water. |
| dATP                                     | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Methyl-Seq Methylated Adapter | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Methyl-Seq PCR1 primer F      | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Methyl-Seq PCR Master Mix     | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Hyb 1                         | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Hyb 2                         | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Hyb 4                         | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Binding Buffer                | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Wash Buffer 1                 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Wash Buffer 2                 | Easily soluble in the following materials: cold water and hot water. |
| SureSelect Elution Buffer                | Easily soluble in the following materials: cold water                |

## Section 9. Physical and chemical properties

|  |  |
|--|--|
| SureSelect Block 2                           | and hot water.<br>Easily soluble in the following materials: cold water and hot water. |
| SureSelect Hyb 3                             | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect RNase Block                       | Soluble in the following materials: cold water and hot water.                          |
| SureSelect Methyl-Seq Block 3                | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect Indexing Block 1                  | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index H02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index G02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index F02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index E02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index D02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index C02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index B02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index A02                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index H01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index G01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index F01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index E01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index D01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index C01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index B01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect 8bp Index A01                     | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect Methyl-Seq PCR1 Primer R          | Easily soluble in the following materials: cold water and hot water.                   |
| SureSelect Methyl-Seq Indexing Primer Common | Easily soluble in the following materials: cold water and hot water.                   |
| Exo(-) Klenow                                | Not available.   |
| 10X End Repair Buffer                        | Not available.   |
| 5X T4 DNA Ligase Buffer                      | Not available.   |
| Klenow DNA Polymerase                        | Not available.   |
| T4 DNA Ligase                                | Not available.   |
| T4 DNA Polymerase                            | Not available.   |
| T4 Polynucleotide Kinase                     | Not available.   |
| dNTP Mix                                     | Not available.   |
| 10X Klenow Polymerase Buffer                 | Not available.   |
| dATP   | Not available.   |
| SureSelect Methyl-Seq Methylated Adapter     | Not available.   |
| SureSelect Methyl-Seq PCR1 primer F          | Not available.   |
| SureSelect Methyl-Seq PCR                    | Not available.   |

**Partition coefficient: n-octanol/water**

## Section 9. Physical and chemical properties

|                                  |   |                |
|----------------------------------|---|----------------|
|                                  | Master Mix                                      |                |
|                                  | SureSelect Hyb 1                                | Not available. |
|                                  | SureSelect Hyb 2                                | Not available. |
|                                  | SureSelect Hyb 4                                | Not available. |
|                                  | SureSelect Binding Buffer                       | Not available. |
|                                  | SureSelect Wash Buffer 1                        | Not available. |
|                                  | SureSelect Wash Buffer 2                        | Not available. |
|                                  | SureSelect Elution Buffer                       | Not available. |
|                                  | SureSelect Block 2                              | Not available. |
|                                  | SureSelect Hyb 3                                | Not available. |
|                                  | SureSelect RNase Block                          | Not available. |
|                                  | SureSelect Methyl-Seq<br>Block 3                | Not available. |
|                                  | SureSelect Indexing Block 1                     | Not available. |
|                                  | SureSelect 8bp Index H02                        | Not available. |
|                                  | SureSelect 8bp Index G02                        | Not available. |
|                                  | SureSelect 8bp Index F02                        | Not available. |
|                                  | SureSelect 8bp Index E02                        | Not available. |
|                                  | SureSelect 8bp Index D02                        | Not available. |
|                                  | SureSelect 8bp Index C02                        | Not available. |
|                                  | SureSelect 8bp Index B02                        | Not available. |
|                                  | SureSelect 8bp Index A02                        | Not available. |
|                                  | SureSelect 8bp Index H01                        | Not available. |
|                                  | SureSelect 8bp Index G01                        | Not available. |
|                                  | SureSelect 8bp Index F01                        | Not available. |
|                                  | SureSelect 8bp Index E01                        | Not available. |
|                                  | SureSelect 8bp Index D01                        | Not available. |
|                                  | SureSelect 8bp Index C01                        | Not available. |
|                                  | SureSelect 8bp Index B01                        | Not available. |
|                                  | SureSelect 8bp Index A01                        | Not available. |
|                                  | SureSelect Methyl-Seq<br>PCR1 Primer R          | Not available. |
|                                  | SureSelect Methyl-Seq<br>Indexing Primer Common | Not available. |
| <b>Auto-ignition temperature</b> | : Exo(-) Klenow                                 | Not available. |
|                                  | 10X End Repair Buffer                           | Not available. |
|                                  | 5X T4 DNA Ligase Buffer                         | Not available. |
|                                  | Klenow DNA Polymerase                           | Not available. |
|                                  | T4 DNA Ligase                                   | Not available. |
|                                  | T4 DNA Polymerase                               | Not available. |
|                                  | T4 Polynucleotide Kinase                        | Not available. |
|                                  | dNTP Mix  | Not available. |
|                                  | 10X Klenow Polymerase<br>Buffer                 | Not available. |
|                                  | dATP  | Not available. |
|                                  | SureSelect Methyl-Seq<br>Methylated Adapter     | Not available. |
|                                  | SureSelect Methyl-Seq<br>PCR1 primer F          | Not available. |
|                                  | SureSelect Methyl-Seq PCR<br>Master Mix         | Not available. |
|                                  | SureSelect Hyb 1                                | Not available. |
|                                  | SureSelect Hyb 2                                | Not available. |
|                                  | SureSelect Hyb 4                                | Not available. |
|                                  | SureSelect Binding Buffer                       | Not available. |
|                                  | SureSelect Wash Buffer 1                        | Not available. |
|                                  | SureSelect Wash Buffer 2                        | Not available. |
|                                  | SureSelect Elution Buffer                       | Not available. |
|                                  | SureSelect Block 2                              | Not available. |
|                                  | SureSelect Hyb 3                                | Not available. |
|                                  | SureSelect RNase Block                          | Not available. |
|                                  | SureSelect Methyl-Seq<br>Block 3                | Not available. |

## Section 9. Physical and chemical properties

|                                  |   |                |
|----------------------------------|---|----------------|
|                                  | SureSelect Indexing Block 1                     | Not available. |
|                                  | SureSelect 8bp Index H02                        | Not available. |
|                                  | SureSelect 8bp Index G02                        | Not available. |
|                                  | SureSelect 8bp Index F02                        | Not available. |
|                                  | SureSelect 8bp Index E02                        | Not available. |
|                                  | SureSelect 8bp Index D02                        | Not available. |
|                                  | SureSelect 8bp Index C02                        | Not available. |
|                                  | SureSelect 8bp Index B02                        | Not available. |
|                                  | SureSelect 8bp Index A02                        | Not available. |
|                                  | SureSelect 8bp Index H01                        | Not available. |
|                                  | SureSelect 8bp Index G01                        | Not available. |
|                                  | SureSelect 8bp Index F01                        | Not available. |
|                                  | SureSelect 8bp Index E01                        | Not available. |
|                                  | SureSelect 8bp Index D01                        | Not available. |
|                                  | SureSelect 8bp Index C01                        | Not available. |
|                                  | SureSelect 8bp Index B01                        | Not available. |
|                                  | SureSelect 8bp Index A01                        | Not available. |
|                                  | SureSelect Methyl-Seq<br>PCR1 Primer R          | Not available. |
|                                  | SureSelect Methyl-Seq<br>Indexing Primer Common | Not available. |
| <b>Decomposition temperature</b> | <b>Exo(-)</b> Klenow                            | Not available. |
|                                  | 10X End Repair Buffer                           | Not available. |
|                                  | 5X T4 DNA Ligase Buffer                         | Not available. |
|                                  | Klenow DNA Polymerase                           | Not available. |
|                                  | T4 DNA Ligase                                   | Not available. |
|                                  | T4 DNA Polymerase                               | Not available. |
|                                  | T4 Polynucleotide Kinase                        | Not available. |
|                                  | dNTP Mix  | Not available. |
|                                  | 10X Klenow Polymerase<br>Buffer                 | Not available. |
|                                  | dATP  | Not available. |
|                                  | SureSelect Methyl-Seq<br>Methylated Adapter     | Not available. |
|                                  | SureSelect Methyl-Seq<br>PCR1 primer F          | Not available. |
|                                  | SureSelect Methyl-Seq PCR<br>Master Mix         | Not available. |
|                                  | SureSelect Hyb 1                                | Not available. |
|                                  | SureSelect Hyb 2                                | Not available. |
|                                  | SureSelect Hyb 4                                | Not available. |
|                                  | SureSelect Binding Buffer                       | Not available. |
|                                  | SureSelect Wash Buffer 1                        | Not available. |
|                                  | SureSelect Wash Buffer 2                        | Not available. |
|                                  | SureSelect Elution Buffer                       | Not available. |
|                                  | SureSelect Block 2                              | Not available. |
|                                  | SureSelect Hyb 3                                | Not available. |
|                                  | SureSelect RNase Block                          | Not available. |
|                                  | SureSelect Methyl-Seq<br>Block 3                | Not available. |
|                                  | SureSelect Indexing Block 1                     | Not available. |
|                                  | SureSelect 8bp Index H02                        | Not available. |
|                                  | SureSelect 8bp Index G02                        | Not available. |
|                                  | SureSelect 8bp Index F02                        | Not available. |
|                                  | SureSelect 8bp Index E02                        | Not available. |
|                                  | SureSelect 8bp Index D02                        | Not available. |
|                                  | SureSelect 8bp Index C02                        | Not available. |
|                                  | SureSelect 8bp Index B02                        | Not available. |
|                                  | SureSelect 8bp Index A02                        | Not available. |
|                                  | SureSelect 8bp Index H01                        | Not available. |
|                                  | SureSelect 8bp Index G01                        | Not available. |
|                                  | SureSelect 8bp Index F01                        | Not available. |
|                                  | SureSelect 8bp Index E01                        | Not available. |



## Section 9. Physical and chemical properties

### Viscosity

|   |                |
|---|----------------|
| SureSelect 8bp Index D01                        | Not available. |
| SureSelect 8bp Index C01                        | Not available. |
| SureSelect 8bp Index B01                        | Not available. |
| SureSelect 8bp Index A01                        | Not available. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | Not available. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | Not available. |
| Exo(-) Klenow                                   | Not available. |
| 10X End Repair Buffer                           | Not available. |
| 5X T4 DNA Ligase Buffer                         | Not available. |
| Klenow DNA Polymerase                           | Not available. |
| T4 DNA Ligase                                   | Not available. |
| T4 DNA Polymerase                               | Not available. |
| T4 Polynucleotide Kinase                        | Not available. |
| dNTP Mix  | Not available. |
| 10X Klenow Polymerase<br>Buffer                 | Not available. |
| dATP  | Not available. |
| SureSelect Methyl-Seq<br>Methylated Adapter     | Not available. |
| SureSelect Methyl-Seq<br>PCR1 primer F          | Not available. |
| SureSelect Methyl-Seq PCR<br>Master Mix         | Not available. |
| SureSelect Hyb 1                                | Not available. |
| SureSelect Hyb 2                                | Not available. |
| SureSelect Hyb 4                                | Not available. |
| SureSelect Binding Buffer                       | Not available. |
| SureSelect Wash Buffer 1                        | Not available. |
| SureSelect Wash Buffer 2                        | Not available. |
| SureSelect Elution Buffer                       | Not available. |
| SureSelect Block 2                              | Not available. |
| SureSelect Hyb 3                                | Not available. |
| SureSelect RNase Block                          | Not available. |
| SureSelect Methyl-Seq<br>Block 3                | Not available. |
| SureSelect Indexing Block 1                     | Not available. |
| SureSelect 8bp Index H02                        | Not available. |
| SureSelect 8bp Index G02                        | Not available. |
| SureSelect 8bp Index F02                        | Not available. |
| SureSelect 8bp Index E02                        | Not available. |
| SureSelect 8bp Index D02                        | Not available. |
| SureSelect 8bp Index C02                        | Not available. |
| SureSelect 8bp Index B02                        | Not available. |
| SureSelect 8bp Index A02                        | Not available. |
| SureSelect 8bp Index H01                        | Not available. |
| SureSelect 8bp Index G01                        | Not available. |
| SureSelect 8bp Index F01                        | Not available. |
| SureSelect 8bp Index E01                        | Not available. |
| SureSelect 8bp Index D01                        | Not available. |
| SureSelect 8bp Index C01                        | Not available. |
| SureSelect 8bp Index B01                        | Not available. |
| SureSelect 8bp Index A01                        | Not available. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | Not available. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | Not available. |

## Section 10. Stability and reactivity

|                   |  |  |
|-------------------|--|--|
| <b>Reactivity</b> | : Exo(-) Klenow                          | No specific test data related to reactivity available for this product or its ingredients. |
|                   | 10X End Repair Buffer                    | No specific test data related to reactivity available for this product or its ingredients. |
|                   | 5X T4 DNA Ligase Buffer                  | No specific test data related to reactivity available for this product or its ingredients. |
|                   | Klenow DNA Polymerase                    | No specific test data related to reactivity available for this product or its ingredients. |
|                   | T4 DNA Ligase                            | No specific test data related to reactivity available for this product or its ingredients. |
|                   | T4 DNA Polymerase                        | No specific test data related to reactivity available for this product or its ingredients. |
|                   | T4 Polynucleotide Kinase                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | dNTP Mix                                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | 10X Klenow Polymerase Buffer             | No specific test data related to reactivity available for this product or its ingredients. |
|                   | dATP                                     | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Methyl-Seq Methylated Adapter | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Methyl-Seq PCR1 primer F      | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Methyl-Seq PCR Master Mix     | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Hyb 1                         | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Hyb 2                         | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Hyb 4                         | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Binding Buffer                | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Wash Buffer 1                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Wash Buffer 2                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Elution Buffer                | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Block 2                       | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Hyb 3                         | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect RNase Block                   | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Methyl-Seq Block 3            | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect Indexing Block 1              | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect 8bp Index H02                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect 8bp Index G02                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect 8bp Index F02                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect 8bp Index E02                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect 8bp Index D02                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect 8bp Index C02                 | No specific test data related to reactivity available for this product or its ingredients. |
|                   | SureSelect 8bp Index B02                 | No specific test data related to reactivity available for                                  |

## Section 10. Stability and reactivity

|  |  |
|--|--|
| SureSelect 8bp Index A02                     | this product or its ingredients.<br>No specific test data related to reactivity available for this product or its ingredients. |
| SureSelect 8bp Index H01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect 8bp Index G01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect 8bp Index F01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect 8bp Index E01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect 8bp Index D01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect 8bp Index C01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect 8bp Index B01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect 8bp Index A01                     | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific test data related to reactivity available for this product or its ingredients.                                     |
| SureSelect Methyl-Seq Indexing Primer Common | No specific test data related to reactivity available for this product or its ingredients.                                     |

### Chemical stability

|  |                        |
|--|------------------------|
| Exo(-) Klenow                            | The product is stable. |
| 10X End Repair Buffer                    | The product is stable. |
| 5X T4 DNA Ligase Buffer                  | The product is stable. |
| Klenow DNA Polymerase                    | The product is stable. |
| T4 DNA Ligase                            | The product is stable. |
| T4 DNA Polymerase                        | The product is stable. |
| T4 Polynucleotide Kinase                 | The product is stable. |
| dNTP Mix                                 | The product is stable. |
| 10X Klenow Polymerase Buffer             | The product is stable. |
| dATP                                     | The product is stable. |
| SureSelect Methyl-Seq Methylated Adapter | The product is stable. |
| SureSelect Methyl-Seq PCR1 primer F      | The product is stable. |
| SureSelect Methyl-Seq PCR Master Mix     | The product is stable. |
| SureSelect Hyb 1                         | The product is stable. |
| SureSelect Hyb 2                         | The product is stable. |
| SureSelect Hyb 4                         | The product is stable. |
| SureSelect Binding Buffer                | The product is stable. |
| SureSelect Wash Buffer 1                 | The product is stable. |
| SureSelect Wash Buffer 2                 | The product is stable. |
| SureSelect Elution Buffer                | The product is stable. |
| SureSelect Block 2                       | The product is stable. |
| SureSelect Hyb 3                         | The product is stable. |
| SureSelect RNase Block                   | The product is stable. |
| SureSelect Methyl-Seq Block 3            | The product is stable. |
| SureSelect Indexing Block 1              | The product is stable. |
| SureSelect 8bp Index H02                 | The product is stable. |
| SureSelect 8bp Index G02                 | The product is stable. |
| SureSelect 8bp Index F02                 | The product is stable. |
| SureSelect 8bp Index E02                 | The product is stable. |
| SureSelect 8bp Index D02                 | The product is stable. |
| SureSelect 8bp Index C02                 | The product is stable. |
| SureSelect 8bp Index B02                 | The product is stable. |
| SureSelect 8bp Index A02                 | The product is stable. |

## Section 10. Stability and reactivity

|   |                        |
|---|------------------------|
| SureSelect 8bp Index H01                        | The product is stable. |
| SureSelect 8bp Index G01                        | The product is stable. |
| SureSelect 8bp Index F01                        | The product is stable. |
| SureSelect 8bp Index E01                        | The product is stable. |
| SureSelect 8bp Index D01                        | The product is stable. |
| SureSelect 8bp Index C01                        | The product is stable. |
| SureSelect 8bp Index B01                        | The product is stable. |
| SureSelect 8bp Index A01                        | The product is stable. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | The product is stable. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | The product is stable. |

### Possibility of hazardous reactions

|   |   |
|---|---|
| : Exo(-) Klenow                             | Under normal conditions of storage and use, hazardous reactions will not occur. |
| 10X End Repair Buffer                       | Under normal conditions of storage and use, hazardous reactions will not occur. |
| 5X T4 DNA Ligase Buffer                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Klenow DNA Polymerase                       | Under normal conditions of storage and use, hazardous reactions will not occur. |
| T4 DNA Ligase                               | Under normal conditions of storage and use, hazardous reactions will not occur. |
| T4 DNA Polymerase                           | Under normal conditions of storage and use, hazardous reactions will not occur. |
| T4 Polynucleotide Kinase                    | Under normal conditions of storage and use, hazardous reactions will not occur. |
| dNTP Mix                                    | Under normal conditions of storage and use, hazardous reactions will not occur. |
| 10X Klenow Polymerase<br>Buffer             | Under normal conditions of storage and use, hazardous reactions will not occur. |
| dATP  | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Methyl-Seq<br>Methylated Adapter | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Methyl-Seq<br>PCR1 primer F      | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Methyl-Seq PCR<br>Master Mix     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Hyb 1                            | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Hyb 2                            | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Hyb 4                            | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Binding Buffer                   | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Wash Buffer 1                    | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Wash Buffer 2                    | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Elution Buffer                   | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Block 2                          | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Hyb 3                            | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect RNase Block                      | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Methyl-Seq<br>Block 3            | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Indexing Block 1                 | Under normal conditions of storage and use,                                     |

## Section 10. Stability and reactivity

|  |   |
|--|---|
| SureSelect 8bp Index H02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index G02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index F02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index E02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index D02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index C02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index B02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index A02                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index H01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index G01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index F01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index E01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index D01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index C01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index B01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect 8bp Index A01                     | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Methyl-Seq PCR1 Primer R          | Under normal conditions of storage and use, hazardous reactions will not occur. |
| SureSelect Methyl-Seq Indexing Primer Common | Under normal conditions of storage and use, hazardous reactions will not occur. |

### Conditions to avoid

|  |                   |
|--|-------------------|
| Exo(-) Klenow                            | No specific data. |
| 10X End Repair Buffer                    | No specific data. |
| 5X T4 DNA Ligase Buffer                  | No specific data. |
| Klenow DNA Polymerase                    | No specific data. |
| T4 DNA Ligase                            | No specific data. |
| T4 DNA Polymerase                        | No specific data. |
| T4 Polynucleotide Kinase                 | No specific data. |
| dNTP Mix                                 | No specific data. |
| 10X Klenow Polymerase Buffer             | No specific data. |
| dATP                                     | No specific data. |
| SureSelect Methyl-Seq Methylated Adapter | No specific data. |
| SureSelect Methyl-Seq PCR1 primer F      | No specific data. |
| SureSelect Methyl-Seq PCR Master Mix     | No specific data. |
| SureSelect Hyb 1                         | No specific data. |
| SureSelect Hyb 2                         | No specific data. |
| SureSelect Hyb 4                         | No specific data. |
| SureSelect Binding Buffer                | No specific data. |
| SureSelect Wash Buffer 1                 | No specific data. |
| SureSelect Wash Buffer 2                 | No specific data. |
| SureSelect Elution Buffer                | No specific data. |



## Section 10. Stability and reactivity

|  |                   |
|--|-------------------|
| SureSelect Block 2                           | No specific data. |
| SureSelect Hyb 3                             | No specific data. |
| SureSelect RNase Block                       | No specific data. |
| SureSelect Methyl-Seq Block 3                | No specific data. |
| SureSelect Indexing Block 1                  | No specific data. |
| SureSelect 8bp Index H02                     | No specific data. |
| SureSelect 8bp Index G02                     | No specific data. |
| SureSelect 8bp Index F02                     | No specific data. |
| SureSelect 8bp Index E02                     | No specific data. |
| SureSelect 8bp Index D02                     | No specific data. |
| SureSelect 8bp Index C02                     | No specific data. |
| SureSelect 8bp Index B02                     | No specific data. |
| SureSelect 8bp Index A02                     | No specific data. |
| SureSelect 8bp Index H01                     | No specific data. |
| SureSelect 8bp Index G01                     | No specific data. |
| SureSelect 8bp Index F01                     | No specific data. |
| SureSelect 8bp Index E01                     | No specific data. |
| SureSelect 8bp Index D01                     | No specific data. |
| SureSelect 8bp Index C01                     | No specific data. |
| SureSelect 8bp Index B01                     | No specific data. |
| SureSelect 8bp Index A01                     | No specific data. |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq Indexing Primer Common | No specific data. |

### Incompatible materials

|  |   |
|--|---|
| Exo(-) Klenow                            | May react or be incompatible with oxidising materials.                    |
| 10X End Repair Buffer                    | May react or be incompatible with oxidising materials.                    |
| 5X T4 DNA Ligase Buffer                  | May react or be incompatible with oxidising materials.                    |
| Klenow DNA Polymerase                    | May react or be incompatible with oxidising materials.                    |
| T4 DNA Ligase                            | May react or be incompatible with oxidising materials.                    |
| T4 DNA Polymerase                        | May react or be incompatible with oxidising materials.                    |
| T4 Polynucleotide Kinase                 | May react or be incompatible with oxidising materials.                    |
| dNTP Mix                                 | May react or be incompatible with oxidising materials.                    |
| 10X Klenow Polymerase Buffer             | May react or be incompatible with oxidising materials.                    |
| dATP                                     | May react or be incompatible with oxidising materials.                    |
| SureSelect Methyl-Seq Methylated Adapter | May react or be incompatible with oxidising materials.                    |
| SureSelect Methyl-Seq PCR1 primer F      | May react or be incompatible with oxidising materials.                    |
| SureSelect Methyl-Seq PCR Master Mix     | May react or be incompatible with oxidising materials.                    |
| SureSelect Hyb 1                         | May react or be incompatible with oxidising materials.                    |
| SureSelect Hyb 2                         | May react or be incompatible with oxidising materials.                    |
| SureSelect Hyb 4                         | May react or be incompatible with oxidising materials.                    |
| SureSelect Binding Buffer                | May react or be incompatible with oxidising materials.                    |
| SureSelect Wash Buffer 1                 | May react or be incompatible with oxidising materials.                    |
| SureSelect Wash Buffer 2                 | May react or be incompatible with oxidising materials.                    |
| SureSelect Elution Buffer                | Reactive or incompatible with the following materials:<br>acids<br>metals |
| SureSelect Block 2                       | May react or be incompatible with oxidising materials.                    |
| SureSelect Hyb 3                         | May react or be incompatible with oxidising materials.                    |
| SureSelect RNase Block                   | May react or be incompatible with oxidising materials.                    |
| SureSelect Methyl-Seq Block 3            | May react or be incompatible with oxidising materials.                    |
| SureSelect Indexing Block 1              | May react or be incompatible with oxidising materials.                    |
| SureSelect 8bp Index H02                 | May react or be incompatible with oxidising materials.                    |
| SureSelect 8bp Index G02                 | May react or be incompatible with oxidising materials.                    |
| SureSelect 8bp Index F02                 | May react or be incompatible with oxidising materials.                    |
| SureSelect 8bp Index E02                 | May react or be incompatible with oxidising materials.                    |



## Section 10. Stability and reactivity

|  |  |
|--|--|
| SureSelect 8bp Index D02                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index C02                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index B02                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index A02                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index H01                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index G01                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index F01                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index E01                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index D01                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index C01                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index B01                     | May react or be incompatible with oxidising materials. |
| SureSelect 8bp Index A01                     | May react or be incompatible with oxidising materials. |
| SureSelect Methyl-Seq PCR1 Primer R          | May react or be incompatible with oxidising materials. |
| SureSelect Methyl-Seq Indexing Primer Common | May react or be incompatible with oxidising materials. |

### Hazardous decomposition products

|  |  |
|--|--|
| : Exo(-) Klenow                          | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| 10X End Repair Buffer                    | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| 5X T4 DNA Ligase Buffer                  | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Klenow DNA Polymerase                    | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| T4 DNA Ligase                            | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| T4 DNA Polymerase                        | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| T4 Polynucleotide Kinase                 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| dNTP Mix                                 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| 10X Klenow Polymerase Buffer             | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| dATP                                     | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Methyl-Seq Methylated Adapter | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Methyl-Seq PCR1 primer F      | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Methyl-Seq PCR Master Mix     | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Hyb 1                         | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Hyb 2                         | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Hyb 4                         | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## Section 10. Stability and reactivity

|                               |   |
|-------------------------------|---|
| SureSelect Binding Buffer     | produced.<br>Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect Wash Buffer 1      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Wash Buffer 2      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Elution Buffer     | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Block 2            | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Hyb 3              | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect RNase Block        | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Methyl-Seq Block 3 | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Indexing Block 1   | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index H02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index G02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index F02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index E02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index D02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index C02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index B02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index A02      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index H01      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index G01      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index F01      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index E01      | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |

## Section 10. Stability and reactivity

|  |   |
|--|---|
| SureSelect 8bp Index D01                     | produced.<br>Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| SureSelect 8bp Index C01                     | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index B01                     | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect 8bp Index A01                     | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Methyl-Seq PCR1 Primer R          | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |
| SureSelect Methyl-Seq Indexing Primer Common | Under normal conditions of storage and use, hazardous decomposition products should not be produced.              |

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name  | Result    | Species | Dose        | Exposure |
|--|-----------|---------|-------------|----------|
| <b>Exo(-) Klenow</b><br>Glycerol   | LD50 Oral | Rat     | 12600 mg/kg | -        |
| <b>Klenow DNA Polymerase</b><br>Glycerol                                     | LD50 Oral | Rat     | 12600 mg/kg | -        |
| <b>T4 DNA Ligase</b><br>Glycerol   | LD50 Oral | Rat     | 12600 mg/kg | -        |
| <b>T4 DNA Polymerase</b><br>Glycerol   | LD50 Oral | Rat     | 12600 mg/kg | -        |
| <b>T4 Polynucleotide Kinase</b><br>Glycerol                                  | LD50 Oral | Rat     | 12600 mg/kg | -        |
| <b>SureSelect Methyl-Seq PCR Master Mix</b><br>Glycerol                      | LD50 Oral | Rat     | 12600 mg/kg | -        |
| <b>SureSelect Hyb 1</b><br>Sodium chloride                                   | LD50 Oral | Rat     | 3000 mg/kg  | -        |
| <b>SureSelect Hyb 2</b><br>Disodium dihydrogen ethylenediaminetetraacetate   | LD50 Oral | Rat     | 2 g/kg      | -        |
| <b>SureSelect Hyb 4</b><br>Sulfuric acid monododecyl ester sodium salt (1:1) | LD50 Oral | Rat     | 1288 mg/kg  | -        |
| <b>SureSelect RNase Block</b><br>Glycerol                                    | LD50 Oral | Rat     | 12600 mg/kg | -        |

#### Irritation/Corrosion

## Section 11. Toxicological information

| Product/ingredient name                                 | Result                   | Species | Score | Exposure                | Observation |
|---|--------------------------|---------|-------|-------------------------|-------------|
| <b>Exo(-) Klenow</b><br>Glycerol                        | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| <b>5X T4 DNA Ligase Buffer</b><br>Polyethylene glycol   | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Eyes - Mild irritant     | Rabbit  | -     | 500 milligrams          | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 500 milligrams          | -           |
| <b>Klenow DNA Polymerase</b><br>Glycerol                | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| <b>T4 DNA Ligase</b><br>Glycerol                        | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| <b>T4 DNA Polymerase</b><br>Glycerol                    | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| <b>T4 Polynucleotide Kinase</b><br>Glycerol             | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| <b>SureSelect Methyl-Seq PCR Master Mix</b><br>Glycerol | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| <b>SureSelect Hyb 1</b><br>Sodium chloride              | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 100 milligrams | -           |
|   | Eyes - Moderate irritant | Rabbit  | -     | 10 milligrams           | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| <b>SureSelect RNase Block</b><br>Glycerol               | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |

### Sensitisation

## Section 11. Toxicological information

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

| Name   | Category   | Route of exposure | Target organs                |
|--|------------|-------------------|------------------------------|
| <b>SureSelect Hyb 4</b><br>Sulfuric acid monododecyl ester sodium salt (1:1) | Category 3 | Not applicable.   | Respiratory tract irritation |

### Specific target organ toxicity (repeated exposure)

| Name   | Category   | Route of exposure | Target organs     |
|--|------------|-------------------|-------------------|
| <b>SureSelect Hyb 2</b><br>Disodium dihydrogen ethylenediaminetetraacetate | Category 2 | Inhalation        | respiratory tract |

### Aspiration hazard

Not available.

|   |  |  |
|---|--|--|
| <b>Information on likely routes of exposure</b> | <b>Exo(-)</b> Klenow                     | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | 10X End Repair Buffer                    | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | 5X T4 DNA Ligase Buffer                  | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | Klenow DNA Polymerase                    | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | T4 DNA Ligase                            | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | T4 DNA Polymerase                        | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | T4 Polynucleotide Kinase                 | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | dNTP Mix                                 | Not available.   |
|   | 10X Klenow Polymerase Buffer             | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | dATP                                     | Not available.   |
|   | SureSelect Methyl-Seq Methylated Adapter | Not available.   |
|   | SureSelect Methyl-Seq PCR1 primer F      | Not available.   |
|   | SureSelect Methyl-Seq PCR Master Mix     | Not available.   |
|   | SureSelect Hyb 1                         | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | SureSelect Hyb 2                         | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | SureSelect Hyb 4                         | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | SureSelect Binding Buffer                | Not available.   |
|   | SureSelect Wash Buffer 1                 | Not available.   |
|   | SureSelect Wash Buffer 2                 | Not available.   |
|   | SureSelect Elution Buffer                | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | SureSelect Block 2                       | Not available.   |
|   | SureSelect Hyb 3                         | Not available.   |
|   | SureSelect RNase Block                   | Routes of entry anticipated: Oral, Dermal, Inhalation. |
|   | SureSelect Methyl-Seq Block 3            | Not available.   |
|   | SureSelect Indexing Block 1              | Not available.   |
|   | SureSelect 8bp Index H02                 | Not available.   |

## Section 11. Toxicological information

|   |                |
|---|----------------|
| SureSelect 8bp Index G02                        | Not available. |
| SureSelect 8bp Index F02                        | Not available. |
| SureSelect 8bp Index E02                        | Not available. |
| SureSelect 8bp Index D02                        | Not available. |
| SureSelect 8bp Index C02                        | Not available. |
| SureSelect 8bp Index B02                        | Not available. |
| SureSelect 8bp Index A02                        | Not available. |
| SureSelect 8bp Index H01                        | Not available. |
| SureSelect 8bp Index G01                        | Not available. |
| SureSelect 8bp Index F01                        | Not available. |
| SureSelect 8bp Index E01                        | Not available. |
| SureSelect 8bp Index D01                        | Not available. |
| SureSelect 8bp Index C01                        | Not available. |
| SureSelect 8bp Index B01                        | Not available. |
| SureSelect 8bp Index A01                        | Not available. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | Not available. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | Not available. |

### Potential acute health effects

#### Eye contact

|   |   |
|---|---|
| Exo(-) Klenow                               | No known significant effects or critical hazards. |
| 10X End Repair Buffer                       | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                     | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                       | No known significant effects or critical hazards. |
| T4 DNA Ligase                               | No known significant effects or critical hazards. |
| T4 DNA Polymerase                           | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                    | No known significant effects or critical hazards. |
| dNTP Mix                                    | No known significant effects or critical hazards. |
| 10X Klenow Polymerase<br>Buffer             | No known significant effects or critical hazards. |
| dATP  | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Methylated Adapter | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 primer F      | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR<br>Master Mix     | No known significant effects or critical hazards. |
| SureSelect Hyb 1                            | Causes serious eye irritation.                    |
| SureSelect Hyb 2                            | Causes serious eye irritation.                    |
| SureSelect Hyb 4                            | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                   | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                    | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                    | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                   | No known significant effects or critical hazards. |
| SureSelect Block 2                          | No known significant effects or critical hazards. |
| SureSelect Hyb 3                            | No known significant effects or critical hazards. |
| SureSelect RNase Block                      | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Block 3            | No known significant effects or critical hazards. |
| SureSelect Indexing Block 1                 | No known significant effects or critical hazards. |
| SureSelect 8bp Index H02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index G02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index F02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index E02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index D02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index C02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index B02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index A02                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                    | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                    | No known significant effects or critical hazards. |



## Section 11. Toxicological information

### Inhalation

|   |   |
|---|---|
| SureSelect 8bp Index D01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                        | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | No known significant effects or critical hazards. |
| <b>Exo(-) Klenow</b>                            | No known significant effects or critical hazards. |
| 10X End Repair Buffer                           | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                         | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                           | No known significant effects or critical hazards. |
| T4 DNA Ligase                                   | No known significant effects or critical hazards. |
| T4 DNA Polymerase                               | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                        | No known significant effects or critical hazards. |
| dNTP Mix  | No known significant effects or critical hazards. |
| 10X Klenow Polymerase<br>Buffer                 | No known significant effects or critical hazards. |
| dATP  | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Methylated Adapter     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR<br>Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                                | No known significant effects or critical hazards. |
| SureSelect Hyb 2                                | No known significant effects or critical hazards. |
| SureSelect Hyb 4                                | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                       | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                        | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                        | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                       | No known significant effects or critical hazards. |
| SureSelect Block 2                              | No known significant effects or critical hazards. |
| SureSelect Hyb 3                                | No known significant effects or critical hazards. |
| SureSelect RNase Block                          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Block 3                | No known significant effects or critical hazards. |
| SureSelect Indexing Block 1                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index H02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index G02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index F02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index E02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index D02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index C02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index B02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index A02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                        | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | No known significant effects or critical hazards. |

## Section 11. Toxicological information

|  |   |  |   |
|--|---|--|---|
| <b>Skin contact</b>                          | :   | Exo(-) Klenow                            | No known significant effects or critical hazards. |
|  |   | 10X End Repair Buffer                    | No known significant effects or critical hazards. |
|  |   | 5X T4 DNA Ligase Buffer                  | No known significant effects or critical hazards. |
|  |   | Klenow DNA Polymerase                    | No known significant effects or critical hazards. |
|  |   | T4 DNA Ligase                            | No known significant effects or critical hazards. |
|  |   | T4 DNA Polymerase                        | No known significant effects or critical hazards. |
|  |   | T4 Polynucleotide Kinase                 | No known significant effects or critical hazards. |
|  |   | dNTP Mix                                 | No known significant effects or critical hazards. |
|  |   | 10X Klenow Polymerase Buffer             | No known significant effects or critical hazards. |
|  |   | dATP                                     | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq Methylated Adapter | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq PCR1 primer F      | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq PCR Master Mix     | No known significant effects or critical hazards. |
|  |   | SureSelect Hyb 1                         | No known significant effects or critical hazards. |
|  |   | SureSelect Hyb 2                         | No known significant effects or critical hazards. |
|  |   | SureSelect Hyb 4                         | No known significant effects or critical hazards. |
|  |   | SureSelect Binding Buffer                | No known significant effects or critical hazards. |
|  |   | SureSelect Wash Buffer 1                 | No known significant effects or critical hazards. |
|  |   | SureSelect Wash Buffer 2                 | No known significant effects or critical hazards. |
|  |   | SureSelect Elution Buffer                | No known significant effects or critical hazards. |
|  |   | SureSelect Block 2                       | No known significant effects or critical hazards. |
|  |   | SureSelect Hyb 3                         | No known significant effects or critical hazards. |
|  |   | SureSelect RNase Block                   | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq Block 3            | No known significant effects or critical hazards. |
|  |   | SureSelect Indexing Block 1              | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index H02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index G02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index F02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index E02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index D02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index C02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index B02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index A02                 | No known significant effects or critical hazards. |
|  |   | SureSelect 8bp Index H01                 | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |  |   |
| SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |  |   |
| SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |  |   |
| SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |  |   |
| <b>Ingestion</b>                             | :   | Exo(-) Klenow                            | No known significant effects or critical hazards. |
|  |   | 10X End Repair Buffer                    | No known significant effects or critical hazards. |
|  |   | 5X T4 DNA Ligase Buffer                  | No known significant effects or critical hazards. |
|  |   | Klenow DNA Polymerase                    | No known significant effects or critical hazards. |
|  |   | T4 DNA Ligase                            | No known significant effects or critical hazards. |
|  |   | T4 DNA Polymerase                        | No known significant effects or critical hazards. |
|  |   | T4 Polynucleotide Kinase                 | No known significant effects or critical hazards. |
|  |   | dNTP Mix                                 | No known significant effects or critical hazards. |
|  |   | 10X Klenow Polymerase Buffer             | No known significant effects or critical hazards. |
|  |   | dATP                                     | No known significant effects or critical hazards. |
|  |   | SureSelect Methyl-Seq Methylated Adapter | No known significant effects or critical hazards. |

## Section 11. Toxicological information

|  |   |
|--|---|
| SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                             | No known significant effects or critical hazards. |
| SureSelect Hyb 2                             | No known significant effects or critical hazards. |
| SureSelect Hyb 4                             | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
| SureSelect Block 2                           | No known significant effects or critical hazards. |
| SureSelect Hyb 3                             | No known significant effects or critical hazards. |
| SureSelect RNase Block                       | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
| SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
| SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |

### Symptoms related to the physical, chemical and toxicological characteristics

|                    |  |  |
|--------------------|--|--|
| <b>Eye contact</b> | : Exo(-) Klenow                          | No specific data.  |
|                    | 10X End Repair Buffer                    | No specific data.  |
|                    | 5X T4 DNA Ligase Buffer                  | No specific data.  |
|                    | Klenow DNA Polymerase                    | No specific data.  |
|                    | T4 DNA Ligase                            | No specific data.  |
|                    | T4 DNA Polymerase                        | No specific data.  |
|                    | T4 Polynucleotide Kinase                 | No specific data.  |
|                    | dNTP Mix                                 | No specific data.  |
|                    | 10X Klenow Polymerase Buffer             | No specific data.  |
|                    | dATP                                     | No specific data.  |
|                    | SureSelect Methyl-Seq Methylated Adapter | No specific data.  |
|                    | SureSelect Methyl-Seq PCR1 primer F      | No specific data.  |
|                    | SureSelect Methyl-Seq PCR Master Mix     | No specific data.  |
|                    | SureSelect Hyb 1                         | Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
|                    | SureSelect Hyb 2                         | Adverse symptoms may include the following:<br>pain or irritation                        |

## Section 11. Toxicological information

|  |                   |
|--|-------------------|
|  | watering          |
|  | redness           |
| SureSelect Hyb 4                             | No specific data. |
| SureSelect Binding Buffer                    | No specific data. |
| SureSelect Wash Buffer 1                     | No specific data. |
| SureSelect Wash Buffer 2                     | No specific data. |
| SureSelect Elution Buffer                    | No specific data. |
| SureSelect Block 2                           | No specific data. |
| SureSelect Hyb 3                             | No specific data. |
| SureSelect RNase Block                       | No specific data. |
| SureSelect Methyl-Seq Block 3                | No specific data. |
| SureSelect Indexing Block 1                  | No specific data. |
| SureSelect 8bp Index H02                     | No specific data. |
| SureSelect 8bp Index G02                     | No specific data. |
| SureSelect 8bp Index F02                     | No specific data. |
| SureSelect 8bp Index E02                     | No specific data. |
| SureSelect 8bp Index D02                     | No specific data. |
| SureSelect 8bp Index C02                     | No specific data. |
| SureSelect 8bp Index B02                     | No specific data. |
| SureSelect 8bp Index A02                     | No specific data. |
| SureSelect 8bp Index H01                     | No specific data. |
| SureSelect 8bp Index G01                     | No specific data. |
| SureSelect 8bp Index F01                     | No specific data. |
| SureSelect 8bp Index E01                     | No specific data. |
| SureSelect 8bp Index D01                     | No specific data. |
| SureSelect 8bp Index C01                     | No specific data. |
| SureSelect 8bp Index B01                     | No specific data. |
| SureSelect 8bp Index A01                     | No specific data. |
| SureSelect Methyl-Seq PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq Indexing Primer Common | No specific data. |
| <b>Inhalation</b>                            |                   |
| : Exo(-) Klenow                              | No specific data. |
| 10X End Repair Buffer                        | No specific data. |
| 5X T4 DNA Ligase Buffer                      | No specific data. |
| Klenow DNA Polymerase                        | No specific data. |
| T4 DNA Ligase                                | No specific data. |
| T4 DNA Polymerase                            | No specific data. |
| T4 Polynucleotide Kinase                     | No specific data. |
| dNTP Mix                                     | No specific data. |
| 10X Klenow Polymerase Buffer                 | No specific data. |
| dATP   | No specific data. |
| SureSelect Methyl-Seq Methylated Adapter     | No specific data. |
| SureSelect Methyl-Seq PCR1 primer F          | No specific data. |
| SureSelect Methyl-Seq PCR Master Mix         | No specific data. |
| SureSelect Hyb 1                             | No specific data. |
| SureSelect Hyb 2                             | No specific data. |
| SureSelect Hyb 4                             | No specific data. |
| SureSelect Binding Buffer                    | No specific data. |
| SureSelect Wash Buffer 1                     | No specific data. |
| SureSelect Wash Buffer 2                     | No specific data. |
| SureSelect Elution Buffer                    | No specific data. |
| SureSelect Block 2                           | No specific data. |
| SureSelect Hyb 3                             | No specific data. |
| SureSelect RNase Block                       | No specific data. |
| SureSelect Methyl-Seq Block 3                | No specific data. |
| SureSelect Indexing Block 1                  | No specific data. |

## Section 11. Toxicological information

|                     |   |                   |
|---------------------|---|-------------------|
|                     | SureSelect 8bp Index H02                        | No specific data. |
|                     | SureSelect 8bp Index G02                        | No specific data. |
|                     | SureSelect 8bp Index F02                        | No specific data. |
|                     | SureSelect 8bp Index E02                        | No specific data. |
|                     | SureSelect 8bp Index D02                        | No specific data. |
|                     | SureSelect 8bp Index C02                        | No specific data. |
|                     | SureSelect 8bp Index B02                        | No specific data. |
|                     | SureSelect 8bp Index A02                        | No specific data. |
|                     | SureSelect 8bp Index H01                        | No specific data. |
|                     | SureSelect 8bp Index G01                        | No specific data. |
|                     | SureSelect 8bp Index F01                        | No specific data. |
|                     | SureSelect 8bp Index E01                        | No specific data. |
|                     | SureSelect 8bp Index D01                        | No specific data. |
|                     | SureSelect 8bp Index C01                        | No specific data. |
|                     | SureSelect 8bp Index B01                        | No specific data. |
|                     | SureSelect 8bp Index A01                        | No specific data. |
|                     | SureSelect Methyl-Seq<br>PCR1 Primer R          | No specific data. |
|                     | SureSelect Methyl-Seq<br>Indexing Primer Common | No specific data. |
| <b>Skin contact</b> | : Exo(-) Klenow                                 | No specific data. |
|                     | 10X End Repair Buffer                           | No specific data. |
|                     | 5X T4 DNA Ligase Buffer                         | No specific data. |
|                     | Klenow DNA Polymerase                           | No specific data. |
|                     | T4 DNA Ligase                                   | No specific data. |
|                     | T4 DNA Polymerase                               | No specific data. |
|                     | T4 Polynucleotide Kinase                        | No specific data. |
|                     | dNTP Mix  | No specific data. |
|                     | 10X Klenow Polymerase<br>Buffer                 | No specific data. |
|                     | dATP  | No specific data. |
|                     | SureSelect Methyl-Seq<br>Methylated Adapter     | No specific data. |
|                     | SureSelect Methyl-Seq<br>PCR1 primer F          | No specific data. |
|                     | SureSelect Methyl-Seq PCR<br>Master Mix         | No specific data. |
|                     | SureSelect Hyb 1                                | No specific data. |
|                     | SureSelect Hyb 2                                | No specific data. |
|                     | SureSelect Hyb 4                                | No specific data. |
|                     | SureSelect Binding Buffer                       | No specific data. |
|                     | SureSelect Wash Buffer 1                        | No specific data. |
|                     | SureSelect Wash Buffer 2                        | No specific data. |
|                     | SureSelect Elution Buffer                       | No specific data. |
|                     | SureSelect Block 2                              | No specific data. |
|                     | SureSelect Hyb 3                                | No specific data. |
|                     | SureSelect RNase Block                          | No specific data. |
|                     | SureSelect Methyl-Seq<br>Block 3                | No specific data. |
|                     | SureSelect Indexing Block 1                     | No specific data. |
|                     | SureSelect 8bp Index H02                        | No specific data. |
|                     | SureSelect 8bp Index G02                        | No specific data. |
|                     | SureSelect 8bp Index F02                        | No specific data. |
|                     | SureSelect 8bp Index E02                        | No specific data. |
|                     | SureSelect 8bp Index D02                        | No specific data. |
|                     | SureSelect 8bp Index C02                        | No specific data. |
|                     | SureSelect 8bp Index B02                        | No specific data. |
|                     | SureSelect 8bp Index A02                        | No specific data. |
|                     | SureSelect 8bp Index H01                        | No specific data. |
|                     | SureSelect 8bp Index G01                        | No specific data. |
|                     | SureSelect 8bp Index F01                        | No specific data. |
|                     | SureSelect 8bp Index E01                        | No specific data. |



## Section 11. Toxicological information

### Ingestion

|   |                   |
|---|-------------------|
| SureSelect 8bp Index D01                        | No specific data. |
| SureSelect 8bp Index C01                        | No specific data. |
| SureSelect 8bp Index B01                        | No specific data. |
| SureSelect 8bp Index A01                        | No specific data. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | No specific data. |
| <b>Exo(-) Klenow</b>                            | No specific data. |
| 10X End Repair Buffer                           | No specific data. |
| 5X T4 DNA Ligase Buffer                         | No specific data. |
| Klenow DNA Polymerase                           | No specific data. |
| T4 DNA Ligase                                   | No specific data. |
| T4 DNA Polymerase                               | No specific data. |
| T4 Polynucleotide Kinase                        | No specific data. |
| dNTP Mix  | No specific data. |
| 10X Klenow Polymerase<br>Buffer                 | No specific data. |
| dATP  | No specific data. |
| SureSelect Methyl-Seq<br>Methylated Adapter     | No specific data. |
| SureSelect Methyl-Seq<br>PCR1 primer F          | No specific data. |
| SureSelect Methyl-Seq PCR<br>Master Mix         | No specific data. |
| SureSelect Hyb 1                                | No specific data. |
| SureSelect Hyb 2                                | No specific data. |
| SureSelect Hyb 4                                | No specific data. |
| SureSelect Binding Buffer                       | No specific data. |
| SureSelect Wash Buffer 1                        | No specific data. |
| SureSelect Wash Buffer 2                        | No specific data. |
| SureSelect Elution Buffer                       | No specific data. |
| SureSelect Block 2                              | No specific data. |
| SureSelect Hyb 3                                | No specific data. |
| SureSelect RNase Block                          | No specific data. |
| SureSelect Methyl-Seq<br>Block 3                | No specific data. |
| SureSelect Indexing Block 1                     | No specific data. |
| SureSelect 8bp Index H02                        | No specific data. |
| SureSelect 8bp Index G02                        | No specific data. |
| SureSelect 8bp Index F02                        | No specific data. |
| SureSelect 8bp Index E02                        | No specific data. |
| SureSelect 8bp Index D02                        | No specific data. |
| SureSelect 8bp Index C02                        | No specific data. |
| SureSelect 8bp Index B02                        | No specific data. |
| SureSelect 8bp Index A02                        | No specific data. |
| SureSelect 8bp Index H01                        | No specific data. |
| SureSelect 8bp Index G01                        | No specific data. |
| SureSelect 8bp Index F01                        | No specific data. |
| SureSelect 8bp Index E01                        | No specific data. |
| SureSelect 8bp Index D01                        | No specific data. |
| SureSelect 8bp Index C01                        | No specific data. |
| SureSelect 8bp Index B01                        | No specific data. |
| SureSelect 8bp Index A01                        | No specific data. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | No specific data. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | No specific data. |

[Delayed and immediate effects as well as chronic effects from short and long-term exposure](#)

[Short term exposure](#)



## Section 11. Toxicological information

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

|                |   |  |  |
|----------------|---|--|--|
| <b>General</b> | : | Exo(-) Klenow                                | No known significant effects or critical hazards.                  |
|                |   | 10X End Repair Buffer                        | No known significant effects or critical hazards.                  |
|                |   | 5X T4 DNA Ligase Buffer                      | No known significant effects or critical hazards.                  |
|                |   | Klenow DNA Polymerase                        | No known significant effects or critical hazards.                  |
|                |   | T4 DNA Ligase                                | No known significant effects or critical hazards.                  |
|                |   | T4 DNA Polymerase                            | No known significant effects or critical hazards.                  |
|                |   | T4 Polynucleotide Kinase                     | No known significant effects or critical hazards.                  |
|                |   | dNTP Mix                                     | No known significant effects or critical hazards.                  |
|                |   | 10X Klenow Polymerase Buffer                 | No known significant effects or critical hazards.                  |
|                |   | dATP   | No known significant effects or critical hazards.                  |
|                |   | SureSelect Methyl-Seq Methylated Adapter     | No known significant effects or critical hazards.                  |
|                |   | SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards.                  |
|                |   | SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards.                  |
|                |   | SureSelect Hyb 1                             | No known significant effects or critical hazards.                  |
|                |   | SureSelect Hyb 2                             | May cause damage to organs through prolonged or repeated exposure. |
|                |   | SureSelect Hyb 4                             | No known significant effects or critical hazards.                  |
|                |   | SureSelect Binding Buffer                    | No known significant effects or critical hazards.                  |
|                |   | SureSelect Wash Buffer 1                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect Wash Buffer 2                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect Elution Buffer                    | No known significant effects or critical hazards.                  |
|                |   | SureSelect Block 2                           | No known significant effects or critical hazards.                  |
|                |   | SureSelect Hyb 3                             | No known significant effects or critical hazards.                  |
|                |   | SureSelect RNase Block                       | No known significant effects or critical hazards.                  |
|                |   | SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards.                  |
|                |   | SureSelect Indexing Block 1                  | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index H02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index G02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index F02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index E02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index D02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index C02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index B02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index A02                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index H01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index G01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index F01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index E01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index D01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index C01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index B01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect 8bp Index A01                     | No known significant effects or critical hazards.                  |
|                |   | SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards.                  |
|                |   | SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards.                  |

## Section 11. Toxicological information

### Carcinogenicity

|  |   |
|--|---|
| : Exo(-) Klenow                              | No known significant effects or critical hazards. |
| 10X End Repair Buffer                        | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                      | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                        | No known significant effects or critical hazards. |
| T4 DNA Ligase                                | No known significant effects or critical hazards. |
| T4 DNA Polymerase                            | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                     | No known significant effects or critical hazards. |
| dNTP Mix                                     | No known significant effects or critical hazards. |
| 10X Klenow Polymerase Buffer                 | No known significant effects or critical hazards. |
| dATP   | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Methylated Adapter     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                             | No known significant effects or critical hazards. |
| SureSelect Hyb 2                             | No known significant effects or critical hazards. |
| SureSelect Hyb 4                             | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
| SureSelect Block 2                           | No known significant effects or critical hazards. |
| SureSelect Hyb 3                             | No known significant effects or critical hazards. |
| SureSelect RNase Block                       | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
| SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
| SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |

### Mutagenicity

|  |   |
|--|---|
| : Exo(-) Klenow                          | No known significant effects or critical hazards. |
| 10X End Repair Buffer                    | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                  | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                    | No known significant effects or critical hazards. |
| T4 DNA Ligase                            | No known significant effects or critical hazards. |
| T4 DNA Polymerase                        | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                 | No known significant effects or critical hazards. |
| dNTP Mix                                 | No known significant effects or critical hazards. |
| 10X Klenow Polymerase Buffer             | No known significant effects or critical hazards. |
| dATP                                     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Methylated Adapter | No known significant effects or critical hazards. |

## Section 11. Toxicological information

|  |   |
|--|---|
| SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                             | No known significant effects or critical hazards. |
| SureSelect Hyb 2                             | No known significant effects or critical hazards. |
| SureSelect Hyb 4                             | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
| SureSelect Block 2                           | No known significant effects or critical hazards. |
| SureSelect Hyb 3                             | No known significant effects or critical hazards. |
| SureSelect RNase Block                       | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
| SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
| SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A02                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |
| <b>Teratogenicity</b> : Exo(-) Klenow        | No known significant effects or critical hazards. |
| 10X End Repair Buffer                        | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                      | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                        | No known significant effects or critical hazards. |
| T4 DNA Ligase                                | No known significant effects or critical hazards. |
| T4 DNA Polymerase                            | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                     | No known significant effects or critical hazards. |
| dNTP Mix                                     | No known significant effects or critical hazards. |
| 10X Klenow Polymerase Buffer                 | No known significant effects or critical hazards. |
| dATP   | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq Methylated Adapter     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                             | No known significant effects or critical hazards. |
| SureSelect Hyb 2                             | No known significant effects or critical hazards. |
| SureSelect Hyb 4                             | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
| SureSelect Block 2                           | No known significant effects or critical hazards. |

## Section 11. Toxicological information

|                              |  |   |
|------------------------------|--|---|
|                              | SureSelect Hyb 3                             | No known significant effects or critical hazards. |
|                              | SureSelect RNase Block                       | No known significant effects or critical hazards. |
|                              | SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
|                              | SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index A02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index H01                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index G01                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index F01                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index E01                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index D01                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index C01                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index B01                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index A01                     | No known significant effects or critical hazards. |
|                              | SureSelect Methyl-Seq PCR1 Primer R          | No known significant effects or critical hazards. |
|                              | SureSelect Methyl-Seq Indexing Primer Common | No known significant effects or critical hazards. |
| <b>Developmental effects</b> | : Exo(-) Klenow                              | No known significant effects or critical hazards. |
|                              | 10X End Repair Buffer                        | No known significant effects or critical hazards. |
|                              | 5X T4 DNA Ligase Buffer                      | No known significant effects or critical hazards. |
|                              | Klenow DNA Polymerase                        | No known significant effects or critical hazards. |
|                              | T4 DNA Ligase                                | No known significant effects or critical hazards. |
|                              | T4 DNA Polymerase                            | No known significant effects or critical hazards. |
|                              | T4 Polynucleotide Kinase                     | No known significant effects or critical hazards. |
|                              | dNTP Mix                                     | No known significant effects or critical hazards. |
|                              | 10X Klenow Polymerase Buffer                 | No known significant effects or critical hazards. |
|                              | dATP   | No known significant effects or critical hazards. |
|                              | SureSelect Methyl-Seq Methylated Adapter     | No known significant effects or critical hazards. |
|                              | SureSelect Methyl-Seq PCR1 primer F          | No known significant effects or critical hazards. |
|                              | SureSelect Methyl-Seq PCR Master Mix         | No known significant effects or critical hazards. |
|                              | SureSelect Hyb 1                             | No known significant effects or critical hazards. |
|                              | SureSelect Hyb 2                             | No known significant effects or critical hazards. |
|                              | SureSelect Hyb 4                             | No known significant effects or critical hazards. |
|                              | SureSelect Binding Buffer                    | No known significant effects or critical hazards. |
|                              | SureSelect Wash Buffer 1                     | No known significant effects or critical hazards. |
|                              | SureSelect Wash Buffer 2                     | No known significant effects or critical hazards. |
|                              | SureSelect Elution Buffer                    | No known significant effects or critical hazards. |
|                              | SureSelect Block 2                           | No known significant effects or critical hazards. |
|                              | SureSelect Hyb 3                             | No known significant effects or critical hazards. |
|                              | SureSelect RNase Block                       | No known significant effects or critical hazards. |
|                              | SureSelect Methyl-Seq Block 3                | No known significant effects or critical hazards. |
|                              | SureSelect Indexing Block 1                  | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index H02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index G02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index F02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index E02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index D02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index C02                     | No known significant effects or critical hazards. |
|                              | SureSelect 8bp Index B02                     | No known significant effects or critical hazards. |



## Section 11. Toxicological information

### Fertility effects

|   |   |
|---|---|
| SureSelect 8bp Index A02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                        | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | No known significant effects or critical hazards. |
| <b>Exo(-) Klenow</b>                            | No known significant effects or critical hazards. |
| 10X End Repair Buffer                           | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer                         | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                           | No known significant effects or critical hazards. |
| T4 DNA Ligase                                   | No known significant effects or critical hazards. |
| T4 DNA Polymerase                               | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase                        | No known significant effects or critical hazards. |
| dNTP Mix  | No known significant effects or critical hazards. |
| 10X Klenow Polymerase<br>Buffer                 | No known significant effects or critical hazards. |
| dATP  | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Methylated Adapter     | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 primer F          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq PCR<br>Master Mix         | No known significant effects or critical hazards. |
| SureSelect Hyb 1                                | No known significant effects or critical hazards. |
| SureSelect Hyb 2                                | No known significant effects or critical hazards. |
| SureSelect Hyb 4                                | No known significant effects or critical hazards. |
| SureSelect Binding Buffer                       | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1                        | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2                        | No known significant effects or critical hazards. |
| SureSelect Elution Buffer                       | No known significant effects or critical hazards. |
| SureSelect Block 2                              | No known significant effects or critical hazards. |
| SureSelect Hyb 3                                | No known significant effects or critical hazards. |
| SureSelect RNase Block                          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Block 3                | No known significant effects or critical hazards. |
| SureSelect Indexing Block 1                     | No known significant effects or critical hazards. |
| SureSelect 8bp Index H02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index G02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index F02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index E02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index D02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index C02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index B02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index A02                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index H01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index G01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index F01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index E01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index D01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index C01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index B01                        | No known significant effects or critical hazards. |
| SureSelect 8bp Index A01                        | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>PCR1 Primer R          | No known significant effects or critical hazards. |
| SureSelect Methyl-Seq<br>Indexing Primer Common | No known significant effects or critical hazards. |

## Section 11. Toxicological information

### Numerical measures of toxicity

#### Acute toxicity estimates

| Route   | ATE value                   |
|---|-----------------------------|
| <b>10X End Repair Buffer</b><br>Oral                            | 32467.5 mg/kg               |
| <b>SureSelect Hyb 2</b><br>Oral<br>Inhalation (dusts and mists) | 13698.6 mg/kg<br>10.27 mg/l |
| <b>SureSelect Hyb 4</b><br>Oral<br>Inhalation (dusts and mists) | 128800 mg/kg<br>150 mg/l    |

## Section 12. Ecological information

### Toxicity

| Product/ingredient name                                 | Result                               | Species   | Exposure |
|---|--------------------------------------|---|----------|
| <b>Exo(-) Klenow</b><br>Glycerol                        | Acute LC50 54000 mg/l Fresh water    | Fish - Oncorhynchus mykiss  | 96 hours |
| <b>5X T4 DNA Ligase Buffer</b><br>Polyethylene glycol   | Acute LC50 >1000000 µg/l Fresh water | Fish - Salmo salar - Parr   | 96 hours |
| <b>Klenow DNA Polymerase</b><br>Glycerol                | Acute LC50 54000 mg/l Fresh water    | Fish - Oncorhynchus mykiss  | 96 hours |
| <b>T4 DNA Ligase</b><br>Glycerol                        | Acute LC50 54000 mg/l Fresh water    | Fish - Oncorhynchus mykiss  | 96 hours |
| <b>T4 DNA Polymerase</b><br>Glycerol                    | Acute LC50 54000 mg/l Fresh water    | Fish - Oncorhynchus mykiss  | 96 hours |
| <b>T4 Polynucleotide Kinase</b><br>Glycerol             | Acute LC50 54000 mg/l Fresh water    | Fish - Oncorhynchus mykiss  | 96 hours |
| <b>SureSelect Methyl-Seq PCR Master Mix</b><br>Glycerol | Acute LC50 54000 mg/l Fresh water    | Fish - Oncorhynchus mykiss  | 96 hours |
| <b>SureSelect Hyb 1</b><br>Sodium chloride              | Acute EC50 4.74 g/L Fresh water      | Algae - Chlamydomonas reinhardtii   | 96 hours |
|   | Acute EC50 519.6 mg/l Fresh water    | Crustaceans - Cypris subglobosa   | 48 hours |
|   | Acute EC50 402600 µg/l Fresh water   | Daphnia - Daphnia magna   | 48 hours |
|   | Acute IC50 6.87 g/L Fresh water      | Aquatic plants - Lemna minor  | 96 hours |
|   | Acute LC50 1000000 µg/l Fresh water  | Fish - Morone saxatilis - Larvae  | 96 hours |
|   | Chronic LC10 781 mg/l Fresh water    | Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling) | 3 weeks  |
|   | Chronic NOEC 6 g/L Fresh water       | Aquatic plants - Lemna minor  | 96 hours |
| <b>SureSelect Hyb 2</b>                                 | Chronic NOEC 0.314 g/L Fresh water   | Daphnia - Daphnia pulex   | 21 days  |
|   | Chronic NOEC 100 mg/l Fresh water    | Fish - Gambusia holbrooki - Adult   | 8 weeks  |



## Section 12. Ecological information

|   |                                   |                            |          |
|---|-----------------------------------|----------------------------|----------|
| Disodium dihydrogen ethylenediaminetetraacetate | Acute LC50 320 mg/l Fresh water   | Fish                       | 96 hours |
| <b>SureSelect RNase Block</b><br>Glycerol       | Acute LC50 54000 mg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |

### Persistence and degradability

| Product/ingredient name                                 | Test   | Result         | Dose | Inoculum |
|---|--|----------------|------|----------|
| <b>Exo(-) Klenow</b><br>Glycerol                        | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | -    | -        |
| <b>Klenow DNA Polymerase</b><br>Glycerol                | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | -    | -        |
| <b>T4 DNA Ligase</b><br>Glycerol                        | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | -    | -        |
| <b>T4 DNA Polymerase</b><br>Glycerol                    | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | -    | -        |
| <b>T4 Polynucleotide Kinase</b><br>Glycerol             | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | -    | -        |
| <b>SureSelect Methyl-Seq PCR Master Mix</b><br>Glycerol | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | -    | -        |
| <b>SureSelect RNase Block</b><br>Glycerol               | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | -    | -        |

### Bioaccumulative potential

## Section 12. Ecological information

| Product/ingredient name  | LogP <sub>ow</sub> | BCF | Potential |
|--|--------------------|-----|-----------|
| <b>Exo(-) Klenow</b><br>Glycerol   | -1.76              | -   | low       |
| <b>5X T4 DNA Ligase Buffer</b><br>Polyethylene glycol                      | -                  | 3.2 | low       |
| <b>Klenow DNA Polymerase</b><br>Glycerol                                   | -1.76              | -   | low       |
| <b>T4 DNA Ligase</b><br>Glycerol   | -1.76              | -   | low       |
| <b>T4 DNA Polymerase</b><br>Glycerol                                       | -1.76              | -   | low       |
| <b>T4 Polynucleotide Kinase</b><br>Glycerol                                | -1.76              | -   | low       |
| <b>SureSelect Methyl-Seq PCR Master Mix</b><br>Glycerol                    | -1.76              | -   | low       |
| <b>SureSelect Hyb 2</b><br>Disodium dihydrogen ethylenediaminetetraacetate | -4.3               | 1.8 | low       |
| <b>SureSelect RNase Block</b><br>Glycerol                                  | -1.76              | -   | low       |

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

**ADG / IMDG / IATA** : Not regulated as Dangerous Goods according to the ADG Code .

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 14. Transport information

Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

## Section 15. Regulatory information

### Standard Uniform Schedule of Medicine and Poisons



### Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

|                   |   |
|-------------------|---|
| Australia         | : Not determined.   |
| Canada            | :  Not determined.  |
| China             | : Not determined.   |
| Europe            | : Not determined.   |
| Japan             | :  Japan inventory (ENCS): Not determined.<br>Japan inventory (ISHL): Not determined. |
| Malaysia          | : Not determined.   |
| New Zealand       | : Not determined.   |
| Philippines       | : Not determined.   |
| Republic of Korea | : Not determined.   |
| Taiwan            | : Not determined.   |
| Thailand          | :  Not determined.  |
| Turkey            | :  Not determined.  |
| United States     | :  Not determined.  |
| Viet Nam          | :  Not determined.  |

## Section 16. Any other relevant information

### History

|                                |               |
|--------------------------------|---------------|
| Date of issue/Date of revision | : 10/01/2018  |
| Date of previous issue         | : 03/09/2015. |
| Version                        | : 2           |

## Section 16. Any other relevant information

**Key to abbreviations** :

- ADG = Australian Dangerous Goods
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- NOHSC = National Occupational Health and Safety Commission
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

### Procedure used to derive the classification

| Classification  | Justification                            |
|---|--|
| <b>SureSelect Hyb 1</b><br>Eye Irrit. 2A, H319  | Calculation method                       |
| <b>SureSelect Hyb 2</b><br>Eye Irrit. 2A, H319<br>STOT RE 2, H373 (respiratory tract) | Calculation method<br>Calculation method |
| <b>SureSelect Hyb 4</b><br>Aquatic Acute 3, H402                                      | Calculation method                       |
| <b>SureSelect Elution Buffer</b><br>Met. Corr. 1, H290                                | Expert judgment                          |

**References** : Not available.

✔ Indicates information that has changed from previously issued version.

**Nota \*** : \*SureSelect 8bp Index A01 through H02: 5190-7912, 5190-7913, 5190-7914, 5190-7915, 5190-7916, 5190-7917, 5190-7918, 5190-7919, 5190-7920, 5190-7921, 5190-7922, 5190-7923, 5190-7924, 5190-7925, 5190-7926, 5190-7927.

### Notice to reader

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