SAFETY DATA SHEET



SureGuide Custom CRISPR a/i Guide Library

Section 1. Identification

1.1 Product identifier

Product name

Part no. (chemical kit)

: SureGuide Custom CRISPR a/i Guide Library

: G9456A, G9456B, G9457A, G9457B, G9458A, G9458B, G9458C, G9458D, G9458E, G9458F, G9458G, G9458H, G9458M, G9458J, G9458K, G9458L, G9459A, G9459B, G9459C, G9459D, G9459E, G9459F, G9459G, G9459H, G9459M, G9459J, G9459K,

G9459L

Part no.

	G9439L	
:	SureGuide Human CRISPRi - Genome	<u>G9456A</u>
	Wide Library (Amplified)	
	SureGuide Human CRISPRi - Genome	5190-9229
	Wide SubLib1 Library (Amplified)	
	SureGuide Human CRISPRi - Genome	5190-9230
	Wide SubLib2 Library (Amplified)	0.00 0200
	SureGuide Human CRISPRi - Genome	5190-9231
		3190-9231
	Wide SubLib3 Library (Amplified)	
	SureGuide Human CRISPRa - Genome	<u>G9456B</u>
	Wide Library (Amplified)	
	SureGuide Human CRISPRa - Genome	5190-9232
	Wide SubLib1Library (Amplified)	
	SureGuide Human CRISPRa - Genome	5190-9233
	Wide SubLib2 Library (Amplified)	0.00 0_00
	SureGuide Human CRISPRa - Genome	5190-9234
		3190-9234
	Wide SubLib3 Library (Amplified)	004574
	SureGuide Mouse CRISPRi - Genome	<u>G9457A</u>
	Wide Library (Amplified)	
	SureGuide Mouse CRISPRi - Genome	5190-9235
	Wide SubLib1 Library (Amplified)	
	SureGuide Mouse CRISPRi - Genome	5190-9236
	Wide SubLib2 Library (Amplified)	
	SureGuide Mouse CRISPRi - Genome	5190-9237
	Wide SubLib3 Library (Amplified)	0100 0201
	SureGuide Mouse CRISPRa - Genome	C0457P
		<u>G9457B</u>
	Wide Library (Amplified)	
	SureGuide Mouse CRISPRa - Genome	5190-9238
	Wide SubLib1 Library (Amplified)	
	SureGuide Mouse CRISPRa - Genome	5190-9239
	Wide SubLib2 Library (Amplified)	
	SureGuide Mouse CRISPRa - Genome	5190-9240
	Wide SubLib3 Library (Amplified)	
	SureGuide Human CRISPRi - Cancer/	G0458A
	Apoptosis Library (Amplified)	<u>G9458A</u>
		5400 0044
	SureGuide Human CRISPRi - Cancer/	5190-9241
	Apoptosis Library (Amplified)	
	SureGuide Human CRISPRa - Cancer/	<u>G9458B</u>
	Apoptosis Library (Amplified)	
	SureGuide Human CRISPRa - Cancer/	5190-9242
	Apoptosis Library (Amplified)	
	SureGuide Human CRISPRi - Drug/Kinase/	G9458C
	Phospotase Library (Amplified)	001000
	SureGuide Human CRISPRi - Drug/Kinase/	E100 0242
		5190-9243
	Phospotase Library (Amplified)	
	SureGuide Human CRISPRa - Drug/Kinase/	<u>G9458D</u>
	Phospotase Library (Amplified)	
	SureGuide Human CRISPRa - Drug/Kinase/	5190-9244
	Phospotase Library (Amplified)	
	. , , ,	

Date of issue: 07/21/2023 1/170

Section 1. Identification

SureGuide Human CRISPRi - Stress/	<u>G9458E</u>
Proteostasis Library (Amplified) SureGuide Human CRISPRi - Stress/	5190-9245
Proteostasis Library (Amplified)	C0459E
SureGuide Human CRISPRa - Stress/ Proteostasis Library (Amplified)	<u>G9458F</u>
SureGuide Human CRISPRa - Stress/	5190-9246
Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Traffic/	G9458G
Motility Library (Amplified) SureGuide Human CRISPRi - Mito/Traffic/	5190-9247
Motility Library (Amplified)	3190-9247
SureGuide Human CRISPRa - Mito/ Traffic/ Motility Library (Amplified)	<u>G9458H</u>
SureGuide Human CRISPRi - Mito/Traffic/	5190-9248
Motility Library (Amplified) SureGuide Human CRISPRi - Gene	<u>G9458M</u>
Expression Library (Amplified)	<u>G9430IVI</u>
SureGuide Human CRISPRi - Gene Expression Library (Amplified)	5190-9249
SureGuide Human CRISPRa - Gene	<u>G9458J</u>
Expression Library (Amplified) SureGuide Human CRISPRa - Gene	5190-9250
Expression Library (Amplified)	3190-9230
<u>SureGuide Human CRISPRi - Membrane</u> <u>Proteins Library (Amplified)</u>	<u>G9458K</u>
SureGuide Human CRISPRi - Membrane	5190-9251
Proteins Library (Amplified) SureGuide Human CRISPRa - Membrane	G9458L
Proteins Library (Amplified)	COTOOL
SureGuide Human CRISPRa - Membrane Proteins Library (Amplified)	5190-9252
SureGuide Mouse CRISPRi - Cancer/	<u>G9459A</u>
Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Cancer/	5190-9253
Apoptosis Library (Amplified)	
<u>SureGuide Mouse CRISPRa - Cancer/</u> <u>Apoptosis Library (Amplified)</u>	<u>G9459B</u>
SureGuide Mouse CRISPRa - Cancer/	5190-9254
Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/Kinase/	G9459C
Phospotase Library (Amplified)	
SureGuide Mouse CRISPRi - Drug/Kinase/ Phospotase Library (Amplified)	5190-9255
SureGuide Mouse CRISPRa - Drug/Kinase/	<u>G9459D</u>
Phospotase Library (Amplified) SureGuide Mouse CRISPRa - Drug/Kinase/	5190-9256
Phospotase Library (Amplified)	
<u>SureGuide Mouse CRISPRi - Stress/</u> <u>Proteostasis Library (Amplified)</u>	<u>G9459E</u>
SureGuide Mouse CRISPRi - Stress/	5190-9257
Proteostasis Library (Amplified) SureGuide Mouse CRISPRa - Stress/	G9459F
Proteostasis Library (Amplified)	
SureGuide Mouse CRISPRa - Stress/ Proteostasis Library (Amplified)	5190-9258
SureGuide Mouse CRISPRi - Mito/ Traffic/	<u>G9459G</u>
Motility Library (Amplified) SureGuide Mouse CRISPRi - Mito/Traffic/	5190-9259
Motility Library (Amplified)	

Date of issue: 07/21/2023 **2/170**

Section 1. Identification

SureGuide Mouse CRISPRa - Mito/ Traffic/	<u>G9459H</u>
Motility Library (Amplified)	
SureGuide Mouse CRISPRa - Mito/Traffic/	5190-9260
Motility Library (Amplified)	
SureGuide Mouse CRISPRi - Gene	<u>G9459M</u>
Expression Library (Amplified)	
SureGuide Mouse CRISPRi - Gene	5190-9261
Expression Library (Amplified)	
SureGuide Mouse CRISPRa - Gene	<u>G9459J</u>
Expression Library (Amplified)	
SureGuide Mouse CRISPRa - Gene	5190-9262
Expression Library (Amplified)	
SureGuide Mouse CRISPRi - Membrane	<u>G9459K</u>
Proteins Library (Amplified)	
SureGuide Mouse CRISPRi - Membrane	5190-9263
Proteins Library (Amplified)	
SureGuide Mouse CRISPRa - Membrane	<u>G9459L</u>
Proteins Library (Amplified)	
SureGuide Mouse CRISPRa - Membrane	5190-9264
Proteins Library (Amplified)	

Validation date

: 7/21/2023

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

Identified uses

: Analytical reagent.

For research use only.

For research use only.	
SureGuide Human CRISPRi - Genome Wide SubLib1 Library (Amplified)	0.025 ml
SureGuide Human CRISPRi - Genome Wide SubLib2 Library (Amplified)	0.025 ml
SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)	0.025 ml
SureGuide Human CRISPRa - Genome Wide	0.025 ml
SubLib1Library (Amplified) SureGuide Human CRISPRa - Genome Wide	0.025 ml
SubLib2 Library (Amplified) SureGuide Human CRISPRa - Genome Wide	0.025 ml
SubLib3 Library (Amplified) SureGuide Mouse CRISPRi - Genome Wide	0.025 ml
SubLib1 Library (Amplified) SureGuide Mouse CRISPRi - Genome Wide	0.025 ml
SubLib2 Library (Amplified) SureGuide Mouse CRISPRi - Genome Wide	0.025 ml
SubLib3 Library (Amplified) SureGuide Mouse CRISPRa - Genome Wide	0.025 ml
SubLib1 Library (Amplified) SureGuide Mouse CRISPRa - Genome Wide	0.025 ml
SubLib2 Library (Amplified) SureGuide Mouse CRISPRa - Genome Wide	0.025 ml
SubLib3 Library (Amplified) SureGuide Human CRISPRi - Cancer/	0.025 ml
Apoptosis Library (Amplified) SureGuide Human CRISPRa - Cancer/	0.025 ml
Apoptosis Library (Amplified) SureGuide Human CRISPRi - Drug/Kinase/	0.025 ml
Phospotase Library (Amplified) SureGuide Human CRISPRa - Drug/Kinase/	0.025 ml
Phospotase Library (Amplified) SureGuide Human CRISPRi - Stress/	0.025 ml
Proteostasis Library (Amplified)	
SureGuide Human CRISPRa - Stress/	0.025 ml

Date of issue: 07/21/2023 **3/170**

Section 1. Identification

Proteostasis Library (Amplified)	
SureGuide Human CRISPRi - Mito/Traffic/	0.025 ml
Motility Library (Amplified)	
SureGuide Human CRISPRi - Mito/Traffic/	0.025 ml
Motility Library (Amplified)	
SureGuide Human CRISPRi - Gene	0.025 ml
Expression Library (Amplified)	
SureGuide Human CRISPRa - Gene	0.025 ml
Expression Library (Amplified)	
SureGuide Human CRISPRi - Membrane	0.025 ml
Proteins Library (Amplified)	
SureGuide Human CRISPRa - Membrane	0.025 ml
Proteins Library (Amplified)	
SureGuide Mouse CRISPRi - Cancer/	0.025 ml
Apoptosis Library (Amplified)	
SureGuide Mouse CRISPRa - Cancer/	0.025 ml
Apoptosis Library (Amplified)	
SureGuide Mouse CRISPRi - Drug/Kinase/	0.025 ml
Phospotase Library (Amplified)	
SureGuide Mouse CRISPRa - Drug/Kinase/	0.025 ml
Phospotase Library (Amplified)	0.005
SureGuide Mouse CRISPRi - Stress/	0.025 ml
Proteostasis Library (Amplified)	0.005
SureGuide Mouse CRISPRa - Stress/	0.025 ml
Proteostasis Library (Amplified)	0.005
SureGuide Mouse CRISPRi - Mito/Traffic/	0.025 ml
Motility Library (Amplified)	0.0051
SureGuide Mouse CRISPRa - Mito/Traffic/	0.025 ml
Motility Library (Amplified)	0.005
SureGuide Mouse CRISPRi - Gene Expression	0.025 ml
Library (Amplified) SureGuide Mouse CRISPRa - Gene	0.0051
	0.025 ml
Expression Library (Amplified) SureGuide Mouse CRISPRi - Membrane	0.0051
	0.025 ml
Proteins Library (Amplified) SureGuide Mouse CRISPRa - Membrane	0.025 ml
	U.U25 IIII
Proteins Library (Amplified)	

Uses advised against: Not for use in diagnostic procedures.

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer: Agilent Technologies, Inc.

5301 Stevens Creek Blvd Santa Clara, CA 95051, USA

800-227-9770

1.4 Emergency telephone number

In case of emergency : CHEMTREC®: 1-800-424-9300

Date of issue: 07/21/2023 **4/170**

2.1 Classification of the substance or mixture

OSHA/HCS status

- Genome Wide SubLib1 Library (Amplified)

: SureGuide Human CRISPRi While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Genome Wide SubLib2 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Genome Wide SubLib1Library (Amplified) While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Genome Wide SubLib2 Library (Amplified) While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Genome Wide SubLib3 Library (Amplified) While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.

07/21/2023 Date of issue: 5/170

This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Cancer/Apoptosis Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Cancer/

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR Apoptosis Library (Amplified) 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR) 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Drug/Kinase/ Phospotase Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Stress/Proteostasis Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Stress/ Proteostasis Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Mito/Traffic/Motility Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR) 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Mito/Traffic/Motility Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.

07/21/2023 Date of issue: 6/170

This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Gene Expression Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Gene **Expression Library** (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR) 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRi - Membrane Proteins Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Human CRISPRa - Membrane Proteins Library (Amplified) While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRi - While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR) 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Cancer/Apoptosis Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi - While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Stress/Proteostasis Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.

07/21/2023 Date of issue: 7/170

This SDS should be retained and available for employees and other users of this product.

Mito/Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi - While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Mito/Traffic/Motility Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Gene Expression Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi - While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureGuide Mouse CRISPRa - Membrane Proteins Library (Amplified)

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

2.2 GHS label elements Signal word

: SureGuide Human CRISPRi -No signal word. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No signal word. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No signal word. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No signal word. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No signal word.

SureGuide Human CRISPRa -No signal word.

Genome Wide SubLib2 Library

(Amplified)

07/21/2023 Date of issue: 8/170

Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No signal word. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No signal word. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No signal word. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No signal word. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No signal word. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No signal word. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No signal word. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No signal word. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No signal word. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No signal word. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No signal word. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No signal word. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No signal word. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No signal word. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No signal word. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No signal word. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Cancer/Apoptosis Library (Amplified)

Date of issue: 07/21/2023 **9/170**

Hazard statements

Section 2. Hazards identification

SureGuide Mouse CRISPRi - Drug/ No signal word. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No signal word. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No signal word. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Mito/Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No signal word. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No signal word. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No signal word. Membrane Proteins Library (SAme: Cliticate) Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified)

No known significant effects or critical hazards.

Date of issue: 07/21/2023 10/170

SureGuide Mouse CRISPRa -

Genome Wide SubLib2 Library

(Amplified)	No known significant affects or critical hazards
SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library	No known significant effects or critical hazards.
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	
(Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	No known significant effects of childar hazards.
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library	
(Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library	THE KNOWN SIGNMOUNT CHOOLS OF SHILLOW HUZZINGS.
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Stress/Proteostasis Library	
(Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Stress/Proteostasis Library	THE KNOWN SIGNMOUNT CHOOLS OF SHILLOW HUZZINGS.
(Amplified)	
	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	No known significant offects or critical hazards
Traffic/Motility Library (Amplified)	No known significant effects or critical hazards.
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Gene Expression Library	ŭ
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Gene Expression Library (Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Membrane Proteins Library	· ·
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Membrane Proteins Library (Amplified)	
SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	ŭ
(Amplified)	N
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Cancer/Apoptosis Library (Amplified)	
` '	No known significant effects or critical hazards.
Kinase/Phospotase Library	•
(Amplified)	
SureGuide Mouse CRISPRa - Drug/Kinase/Phospotase Library	No known significant effects or critical hazards.
(Amplified)	
SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Stress/Proteostasis Library	· ·
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Stress/Proteostasis Library (Amplified)	
SureGuide Mouse CRISPRi - Mito/	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	•
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Mito/Traffic/Motility Library	

Date of issue: 07/21/2023 **11/170**

(Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified)

Precautionary statements Prevention

: SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not applicable. Drug/Kinase/Phospotase Library

Date of issue: 07/21/2023 12/170

Not applicable.

(Amplified)

SureGuide Human CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRi - Not applicable. Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRa - Not applicable.

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Not applicable.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa - Not applicable.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi - Not applicable.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa - Not applicable.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not applicable.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa - Not applicable.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Not applicable.

Mito/Traffic/Motility Library

(Amplified)

SureGuide Mouse CRISPRi -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Not applicable.

Not applicable.

Not applicable.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

Not applicable.

Date of issue: 07/21/2023 **13/170**

Response

: SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not applicable. Gene Expression Library

Date of issue: 07/21/2023 **14/170**

Storage

Section 2. Hazards identification

(Amplified) Not applicable. SureGuide Human CRISPRa -Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not applicable. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not applicable. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ Not applicable. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Mito/Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Membrane Proteins Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified)

Date of issue: 07/21/2023 **15/170**

dentinication	
SureGuide Human CRISPRa -	Not applicable.
Genome Wide SubLib3 Library	''
(Amplified)	
	Not applicable
SureGuide Mouse CRISPRi -	Not applicable.
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Not applicable.
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Not applicable.
Genome Wide SubLib3 Library	rtot applicable.
•	
(Amplified)	NI-4 II I-I-
SureGuide Mouse CRISPRa -	Not applicable.
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Not applicable.
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Not applicable.
Genome Wide SubLib3 Library	rtot applicable.
•	
(Amplified)	N1 - 4 P 1-1 -
SureGuide Human CRISPRi -	Not applicable.
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Human CRISPRa -	Not applicable.
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Human CRISPRi -	Not applicable.
Drug/Kinase/Phospotase Library	rtot applicable.
(Amplified)	
SureGuide Human CRISPRa -	Not applicable
	Not applicable.
Drug/Kinase/Phospotase Library	
(Amplified)	
SureGuide Human CRISPRi -	Not applicable.
Stress/Proteostasis Library	
(Amplified)	
SureGuide Human CRISPRa -	Not applicable.
Stress/Proteostasis Library	
(Amplified)	
SureGuide Human CRISPRi - Mito/	Not applicable
	Not applicable.
Traffic/Motility Library (Amplified)	Not conficable
SureGuide Human CRISPRI - Mito/	not applicable.
Traffic/Motility Library (Amplified)	
SureGuide Human CRISPRi -	Not applicable.
Gene Expression Library	
(Amplified)	
SureGuide Human CRISPRa -	Not applicable.
Gene Expression Library	
(Amplified)	
SureGuide Human CRISPRi -	Not applicable
	Not applicable.
Membrane Proteins Library	
(Amplified)	
SureGuide Human CRISPRa -	Not applicable.
Membrane Proteins Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Not applicable.
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Not applicable.
Cancer/Apoptosis Library	riot applicable.
Cancen/Apoptosis Library	

Date of issue: 07/21/2023 **16/170**

Disposal

Section 2. Hazards identification

(Amplified) SureGuide Mouse CRISPRi - Drug/ Not applicable. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Mito/Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Membrane Proteins Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable.

Date of issue: 07/21/2023 **17/170**

Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not applicable. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not applicable. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ Not applicable. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified)

Date of issue: 07/21/2023 **18/170**

Supplemental label elements

Section 2. Hazards identification

dentification	
SureGuide Mouse CRISPRa - Mito/Traffic/Motility Library	Not applicable.
(Amplified) SureGuide Mouse CRISPRi - Gene Expression Library	Not applicable.
(Amplified) SureGuide Mouse CRISPRa - Gene Expression Library	Not applicable.
(Amplified) SureGuide Mouse CRISPRi - Membrane Proteins Library	Not applicable.
(Amplified) SureGuide Mouse CRISPRa - Membrane Proteins Library	Not applicable.
(Amplified) SureGuide Human CRISPRi - Genome Wide SubLib1 Library	None known.
(Amplified) SureGuide Human CRISPRi - Genome Wide SubLib2 Library	None known.
(Amplified) SureGuide Human CRISPRi - Genome Wide SubLib3 Library	None known.
(Amplified) SureGuide Human CRISPRa - Genome Wide SubLib1Library	None known.
(Amplified) SureGuide Human CRISPRa - Genome Wide SubLib2 Library	None known.
(Amplified) SureGuide Human CRISPRa - Genome Wide SubLib3 Library	None known.
(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib1 Library	None known.
(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib2 Library	None known.
(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library	None known.
(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library	None known.
(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library	None known.
(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library	None known.
(Amplified) SureGuide Human CRISPRi - Cancer/Apoptosis Library	None known.
(Amplified) SureGuide Human CRISPRa - Cancer/Apoptosis Library	None known.
(Amplified) SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library (Amplified)	None known.

Date of issue: 07/21/2023 **19/170**

SureGuide Human CRISPRa -None known. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -None known. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -None known. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -None known. Gene Expression Library (Amplified) SureGuide Human CRISPRa -None known. Gene Expression Library (Amplified) SureGuide Human CRISPRi -None known. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -None known. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -None known. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -None known. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ None known. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -None known. Drug/Kinase/Phospotase Library (Amplified) None known. SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -None known. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa -None known. Mito/Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -None known. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -None known. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -None known. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -None known. Membrane Proteins Library (Amplified)

Date of issue: 07/21/2023 **20/170**

2.3 Other hazards

Hazards not otherwise classified

: SureGuide Human CRISPRi -None known. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -None known. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -None known. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -None known. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -None known. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -None known. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -None known. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -None known. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -None known. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -None known. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -None known. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -None known. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -None known. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -None known. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -None known. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -None known. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -None known. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -None known. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -None known.

Date of issue: 07/21/2023 **21/170**

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa - None known.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ None known.

Kinase/Phospotase Library

(Amplified)

SureGuidé Mouse CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ None known.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa -

Mito/Traffic/Motility Library

(Amplified)

SureGuide Mouse CRISPRi -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

Section 3. Composition/information on ingredients

Mixture

Mixture

Mixture

Substance/mixture

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library

Jenomie Wide St

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

Mixture

Date of issue: 07/21/2023 **22/170**

Section 3. Composition/information on ingredients

	Caicii
SureGuide Human CRISPRa -	Mixture
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Human CRISPRa -	Mixture
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Mixture
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Mixture
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Mixture
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Mixture
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Mixture
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Mixture
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRi -	Mixture
Cancer/Apoptosis Library (Amplified)	N 42 - 4
SureGuide Human CRISPRa -	Mixture
Cancer/Apoptosis Library (Amplified)	N 4:4
SureGuide Human CRISPRi - Drug/	Mixture
Kinase/Phospotase Library	
(Amplified)	Missterna
SureGuide Human CRISPRa - Drug/	Mixture
Kinase/Phospotase Library	
(Amplified) SureGuide Human CRISPRi - Stress/	Misstura
	Mixture
Proteostasis Library (Amplified) SureGuide Human CRISPRa -	Mixture
Stress/Proteostasis Library	Mixture
(Amplified) SureGuide Human CRISPRi - Mito/	Mixture
Traffic/Motility Library (Amplified)	WIINTUIG
SureGuide Human CRISPRi - Mito/	Mixture
Traffic/Motility Library (Amplified)	WIINTUIG
SureGuide Human CRISPRi - Gene	Mixture
Expression Library (Amplified)	WINC
SureGuide Human CRISPRa - Gene	Mixture
Expression Library (Amplified)	WIIXCOLO
SureGuide Human CRISPRi -	Mixture
Membrane Proteins Library	WIIXCOTO
(Amplified)	
SureGuide Human CRISPRa -	Mixture
Membrane Proteins Library	
(Amplified)	
SureGuide Mouse CRISPRi - Cancer/	Mixture
Apoptosis Library (Amplified)	
SureGuide Mouse CRISPRa -	Mixture
Cancer/Apoptosis Library (Amplified)	
SureGuide Mouse CRISPRi - Drug/	Mixture
Kinase/Phospotase Library	
(Amplified)	

Date of issue: 07/21/2023 **23/170**

Section 3. Composition/information on ingredients

SureGuide Mouse CRISPRa - Drug/ Mixture Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi - Stress/ Mixture Proteostasis Library (Amplified) SureGuide Mouse CRISPRa - Stress/ Mixture Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Mixture Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ Mixture Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi - Gene Mixture Expression Library (Amplified) SureGuide Mouse CRISPRa - Gene Mixture Expression Library (Amplified) SureGuide Mouse CRISPRi -Mixture Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Mixture Membrane Proteins Library (Amplified)

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified) 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.

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.

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.

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.

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.

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. 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.

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

Date of issue: 07/21/2023 **24/170**

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

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. 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. 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. 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. 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. 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. 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. 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. 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. 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. SureGuide Human CRISPRi - Mito/ 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. SureGuide Human CRISPRi - Mito/ 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. 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. Immediately flush eyes with plenty of water,

occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses. Get

occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses. Get

Immediately flush eyes with plenty of water,

medical attention if irritation occurs.

07/21/2023 Date of issue: 25/170

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

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. 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. 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. SureGuide Mouse CRISPRi - Drug/ 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. 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. 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. 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. 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. SureGuide Mouse CRISPRa - Mito/ 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. 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. 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. 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. 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.

07/21/2023 Date of issue: 26/170

Inhalation

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SureGuide Human CRISPRi - Mito/ Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Date of issue: 07/21/2023 27/170

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

SureGuide Mouse CRISPRi - Drug/ Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

> Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

> Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

SureGuide Mouse CRISPRa - Mito/ Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

> Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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.

> Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

> Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

> Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

> Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

> Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Skin contact

Date of issue: 07/21/2023 28/170

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified) Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified) SureGuide Human CRISPRa -Gene Expression Library (Amplified) SureGuide Human CRISPRi -Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. SureGuide Human CRISPRi - Mito/ Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. SureGuide Human CRISPRi - Mito/ Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

07/21/2023 Date of issue: 29/170

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Membrane Proteins Library

SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. SureGuide Mouse CRISPRi - Drug/ Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. SureGuide Mouse CRISPRa - Mito/ Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water.

Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water.

Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water.

Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water.

Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Wash out mouth with water. 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

Wash out mouth with water. 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

Wash out mouth with water. 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.

Wash out mouth with water. 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.

Ingestion

07/21/2023 Date of issue: 30/170

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified) Wash out mouth with water. 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.

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified) Wash out mouth with water. 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.

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified) Wash out mouth with water. 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.

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified) Wash out mouth with water. 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.

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified) Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified) Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified) Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified) Wash out mouth with water. 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

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified) Wash out mouth with water. 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.

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

Wash out mouth with water. 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.

Date of issue: 07/21/2023 31/170

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

Wash out mouth with water. 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.

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

Wash out mouth with water. 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.

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

Wash out mouth with water. 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.

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

Wash out mouth with water. 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.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Wash out mouth with water. 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.

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Wash out mouth with water. 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.

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

Wash out mouth with water. 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.

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

Wash out mouth with water. 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

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

Wash out mouth with water. 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.

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

Wash out mouth with water. 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.

Date of issue: 07/21/2023 32/170

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Wash out mouth with water. 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.

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi - Drug/ Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

Wash out mouth with water. 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

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

Wash out mouth with water. 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.

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Wash out mouth with water. 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.

SureGuide Mouse CRISPRa - Mito/ Traffic/Motility Library (Amplified)

Wash out mouth with water. 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

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

Wash out mouth with water. 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.

07/21/2023 Date of issue: 33/170

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified) Wash out mouth with water. 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.

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified) Wash out mouth with water. 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.

4.2 Most important symptoms/effects, acute and delayed Potential acute health effects

Eye contact

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library No known significant effects or critical hazards.

Date of issue: 07/21/2023 34/170

(Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified)

Date of issue: 07/21/2023 35/170

Inhalation

: SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards.

Date of issue: 07/21/2023 36/170

Gene Expression Library

Skin contact

Section 4. First aid measures

measures	
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Gene Expression Library (Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Membrane Proteins Library	The interm eighneeth effects of entreal hazarae.
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Membrane Proteins Library	
(Amplified) SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	TWO KHOWIT SIGNIFICATING CHOOLS OF CHILDRI HAZARUS.
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	
(Amplified)	No known significant effects or critical hazards.
Kinase/Phospotase Library	No known significant effects of childarnazards.
(Amplified)	
SureGuidé Mouse CRISPRa -	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library	
(Amplified)	No known significant affects or suitical beyonds
SureGuide Mouse CRISPRi - Stress/Proteostasis Library	No known significant effects or critical hazards.
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Stress/Proteostasis Library	-
(Amplified)	
SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)	No known significant effects or critical hazards.
	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	
SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Gene Expression Library	
(Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Gene Expression Library	No known significant effects of childa hazards.
(Amplified)	
SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Membrane Proteins Library	
(Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Membrane Proteins Library	No known significant effects of childa hazards.
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Genome Wide SubLib2 Library (Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib1Library (Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib2 Library	e.geark enrecte er enrech nazarde.
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.

Date of issue: 07/21/2023 37/170

Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified)

Date of issue: 07/21/2023 38/170

SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards.

Ingestion

Date of issue: 07/21/2023 39/170

Genome Wide SubLib2 Library

illeasures	
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib3 Library	
(Amplified)	No los como cioneitico de effecto en esitivo la como de
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	
(Amplified) SureGuide Human CRISPRa -	No known significant affects or critical hazarda
Cancer/Apoptosis Library	No known significant effects or critical hazards.
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library	The known digninount directe of childer hazards.
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library	•
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Stress/Proteostasis Library	
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Stress/Proteostasis Library	
(Amplified)	No known significant affects or critical hazarda
Traffic/Motility Library (Amplified)	No known significant effects or critical hazards.
	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	TWO KITOWIT SIGNITION TO THE CITY OF CITICAL HAZAIGS.
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Gene Expression Library	The known digninount directe of childer hazards.
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Gene Expression Library	•
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Membrane Proteins Library	
(Amplified)	N
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Membrane Proteins Library (Amplified)	
SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	TWO KHOWH SIGNIFICANT CHECKS OF CHICAI Hazards.
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	3
(Amplified)	
SureGuide Mouse CRISPRi - Drug/	No known significant effects or critical hazards.
Kinase/Phospotase Library	
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library	
(Amplified) SureGuide Mouse CRISPRi -	No known significant affects on suiting borough
	No known significant effects or critical hazards.
Stress/Proteostasis Library (Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Stress/Proteostasis Library	TWO KITOWIT SIGNITION TO THE CITY OF CITICAL HAZAIGS.
(Amplified)	
	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	
	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	

Date of issue: 07/21/2023 **40/170**

SureGuide Mouse CRISPRi Gene Expression Library
(Amplified)
SureGuide Mouse CRISPRa Gene Expression Library
(Amplified)
SureGuide Mouse CRISPRa Membrane Proteins Library
(Amplified)
SureGuide Mouse CRISPRi Membrane Proteins Library
(Amplified)
SureGuide Mouse CRISPRa Membrane Proteins Library
Mo known significant effects or critical hazards.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

Over-exposure signs/symptoms

					- 4
⊢℩	10	~	nn	ıta	ct
_	70	·		ıta	·ι

(Amplified) : SureGuide Human CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data.

Date of issue: 07/21/2023 **41/170**

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRi -No specific data.

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRa -No specific data.

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -No specific data.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa -No specific data.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -No specific data.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -No specific data.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -No specific data.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -No specific data.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ No specific data.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -No specific data.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

(Amplified)

Gene Expression Library

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

(Amplified)

07/21/2023 Date of issue: 42/170

No specific data.

No specific data.

SureGuide Mouse CRISPRa - Mito/ No specific data.

SureGuide Mouse CRISPRi -No specific data.

Gene Expression Library

SureGuide Mouse CRISPRa -No specific data.

(Amplified)

No specific data.

SureGuide Mouse CRISPRa -No specific data.

Membrane Proteins Library

Inhalation

: SureGuide Human CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library

Date of issue: 07/21/2023 **43/170**

Skin contact

Section 4. First aid measures

(Amplified)

SureGuide Human CRISPRa -

Gene Expression Library

No specific data.

(Amplified) SureGuide Human CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No specific data. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Membrane Proteins Library (Amplified) : SureGuide Human CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data.

Date of issue: 07/21/2023 **44/170**

Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified)

Date of issue: 07/21/2023 **45/170**

Ingestion

Section 4. First aid measures

SureGuide Mouse CRISPRi - Drug/ No specific data. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library

Date of issue: 07/21/2023 **46/170**

No specific data.

(Amplified)

SureGuide Mouse CRISPRa -

Genome Wide SubLib2 Library

(Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No specific data. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No specific data. Traffic/Motility Library (Amplified)

Date of issue: 07/21/2023 **47/170**

SureGuide Mouse CRISPRi -Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library

(Amplified)

No specific data.

No specific data.

No specific data.

No specific data.

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

Notes to physician

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified) Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Date of issue: 07/21/2023 **48/170**

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRi - Drug/ Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SureGuide Human CRISPRi - Mito/ Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SureGuide Human CRISPRi - Mito/ Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SureGuide Mouse CRISPRa - Mito/ Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

> Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

07/21/2023 Date of issue: 49/170

Specific treatments

SureGuide Mouse CRISPRa -Treat symptomatically. Contact poison treatment Membrane Proteins Library specialist immediately if large quantities have been (Amplified) ingested or inhaled. SureGuide Human CRISPRi -No specific treatment. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific treatment. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific treatment. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific treatment. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific treatment. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific treatment. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific treatment. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific treatment. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific treatment. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific treatment. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific treatment.

Date of issue: 07/21/2023 50/170

Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific treatment. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No specific treatment. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific treatment. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No specific treatment. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No specific treatment. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No specific treatment. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No specific treatment. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No specific treatment. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No specific treatment. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No specific treatment. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No specific treatment. Membrane Proteins Library (Amplified) Genome Wide SubLib1 Library

Protection of first-aiders

SureGuide Human CRISPRi Genome Wide SubLib1 Library
(Amplified)
SureGuide Human CRISPRi Genome Wide SubLib2 Library
(Amplified)
SureGuide Human CRISPRi Genome Wide SubLib2 Library
(Amplified)
SureGuide Human CRISPRi Genome Wide SubLib3 Library
(Amplified)
No action shall be taken involving any personal risk or without suitable training.
No action shall be taken involving any personal risk or without suitable training.

Genome Wide SubLib1Library or without suitable training.

(Amplified)

No action shall be taken involving any personal risk

No action shall be taken involving any personal risk

Date of issue: 07/21/2023 **51/170**

SureGuide Human CRISPRa -

SureGuide Human CRISPRa -

Genome Wide SubLib2 Library or without suitable training. (Amplified) SureGuide Human CRISPRa -No action shall be taken involving any personal risk Genome Wide SubLib3 Library or without suitable training. (Amplified) SureGuide Mouse CRISPRi -No action shall be taken involving any personal risk Genome Wide SubLib1 Library or without suitable training. (Amplified) SureGuide Mouse CRISPRi -No action shall be taken involving any personal risk Genome Wide SubLib2 Library or without suitable training. (Amplified) SureGuide Mouse CRISPRi -No action shall be taken involving any personal risk Genome Wide SubLib3 Library or without suitable training. (Amplified) SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk Genome Wide SubLib1 Library or without suitable training. (Amplified) SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk Genome Wide SubLib2 Library or without suitable training. (Amplified) SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk Genome Wide SubLib3 Library or without suitable training. (Amplified) SureGuide Human CRISPRi -No action shall be taken involving any personal risk Cancer/Apoptosis Library or without suitable training. (Amplified) SureGuide Human CRISPRa -No action shall be taken involving any personal risk Cancer/Apoptosis Library or without suitable training. (Amplified) SureGuide Human CRISPRi -No action shall be taken involving any personal risk Drug/Kinase/Phospotase Library or without suitable training. (Amplified) SureGuide Human CRISPRa -No action shall be taken involving any personal risk Drug/Kinase/Phospotase Library or without suitable training. (Amplified) No action shall be taken involving any personal risk SureGuide Human CRISPRi -Stress/Proteostasis Library or without suitable training. (Amplified) No action shall be taken involving any personal risk SureGuide Human CRISPRa -Stress/Proteostasis Library or without suitable training. (Amplified) SureGuide Human CRISPRi - Mito/ No action shall be taken involving any personal risk Traffic/Motility Library (Amplified) or without suitable training. SureGuide Human CRISPRi - Mito/ No action shall be taken involving any personal risk Traffic/Motility Library (Amplified) or without suitable training. No action shall be taken involving any personal risk SureGuide Human CRISPRi -Gene Expression Library or without suitable training. (Amplified) SureGuide Human CRISPRa -No action shall be taken involving any personal risk Gene Expression Library or without suitable training. (Amplified) SureGuide Human CRISPRi -No action shall be taken involving any personal risk Membrane Proteins Library or without suitable training. (Amplified) SureGuide Human CRISPRa -No action shall be taken involving any personal risk Membrane Proteins Library or without suitable training. (Amplified)

No action shall be taken involving any personal risk

or without suitable training.

Date of issue: 07/21/2023 52/170

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk Cancer/Apoptosis Library or without suitable training. (Amplified) SureGuide Mouse CRISPRi - Drug/ No action shall be taken involving any personal risk Kinase/Phospotase Library or without suitable training. (Amplified) SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk Drug/Kinase/Phospotase Library or without suitable training. (Amplified) SureGuide Mouse CRISPRi -No action shall be taken involving any personal risk Stress/Proteostasis Library or without suitable training. (Amplified) SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk Stress/Proteostasis Library or without suitable training. (Amplified) SureGuide Mouse CRISPRi - Mito/ No action shall be taken involving any personal risk Traffic/Motility Library (Amplified) or without suitable training. SureGuide Mouse CRISPRa - Mito/ No action shall be taken involving any personal risk Traffic/Motility Library (Amplified) or without suitable training. SureGuide Mouse CRISPRi -No action shall be taken involving any personal risk Gene Expression Library or without suitable training. (Amplified) SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk Gene Expression Library or without suitable training. (Amplified) SureGuide Mouse CRISPRi -No action shall be taken involving any personal risk Membrane Proteins Library or without suitable training. (Amplified) SureGuide Mouse CRISPRa -No action shall be taken involving any personal risk

or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Membrane Proteins Library

(Amplified)

5.1 Extinguishing media Suitable extinguishing media

: SureGuide Human CRISPRi -Use an extinguishing agent suitable for the Genome Wide SubLib1 Library surrounding fire. (Amplified) SureGuide Human CRISPRi -Use an extinguishing agent suitable for the Genome Wide SubLib2 Library surrounding fire. (Amplified) SureGuide Human CRISPRi -Use an extinguishing agent suitable for the Genome Wide SubLib3 Library surrounding fire. (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Genome Wide SubLib1Library surrounding fire. (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Genome Wide SubLib2 Library surrounding fire. (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Genome Wide SubLib3 Library surrounding fire. (Amplified) SureGuide Mouse CRISPRi -Use an extinguishing agent suitable for the Genome Wide SubLib1 Library surrounding fire. (Amplified) SureGuide Mouse CRISPRi -Use an extinguishing agent suitable for the

Date of issue: 07/21/2023 53/170

Genome Wide SubLib2 Library surrounding fire. (Amplified) SureGuide Mouse CRISPRi -Use an extinguishing agent suitable for the Genome Wide SubLib3 Library surrounding fire. (Amplified) SureGuide Mouse CRISPRa -Use an extinguishing agent suitable for the surrounding fire. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Use an extinguishing agent suitable for the Genome Wide SubLib2 Library surrounding fire. (Amplified) SureGuide Mouse CRISPRa -Use an extinguishing agent suitable for the Genome Wide SubLib3 Library surrounding fire. (Amplified) SureGuide Human CRISPRi -Use an extinguishing agent suitable for the Cancer/Apoptosis Library surrounding fire. (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Cancer/Apoptosis Library surrounding fire. (Amplified) SureGuide Human CRISPRi -Use an extinguishing agent suitable for the surrounding fire. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Drug/Kinase/Phospotase Library surrounding fire. (Amplified) SureGuide Human CRISPRi -Use an extinguishing agent suitable for the Stress/Proteostasis Library surrounding fire. (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Stress/Proteostasis Library surrounding fire. (Amplified) SureGuide Human CRISPRi - Mito/ Use an extinguishing agent suitable for the surrounding fire. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Use an extinguishing agent suitable for the Traffic/Motility Library (Amplified) surrounding fire. SureGuide Human CRISPRi -Use an extinguishing agent suitable for the Gene Expression Library surrounding fire. (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Gene Expression Library surrounding fire. (Amplified) SureGuide Human CRISPRi -Use an extinguishing agent suitable for the Membrane Proteins Library surrounding fire. (Amplified) SureGuide Human CRISPRa -Use an extinguishing agent suitable for the Membrane Proteins Library surrounding fire. (Amplified) SureGuide Mouse CRISPRi -Use an extinguishing agent suitable for the surrounding fire. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Use an extinguishing agent suitable for the Cancer/Apoptosis Library surrounding fire. (Amplified) SureGuide Mouse CRISPRi - Drug/ Use an extinguishing agent suitable for the Kinase/Phospotase Library surrounding fire. (Amplified) SureGuide Mouse CRISPRa -Use an extinguishing agent suitable for the Drug/Kinase/Phospotase Library surrounding fire. (Amplified)

Date of issue: 07/21/2023 **54/170**

Unsuitable extinguishing

media

Section 5. Fire-fighting measures

SureGuide Mouse CRISPRi -Use an extinguishing agent suitable for the Stress/Proteostasis Library surrounding fire. (Amplified) Use an extinguishing agent suitable for the SureGuide Mouse CRISPRa -Stress/Proteostasis Library surrounding fire. (Amplified) SureGuide Mouse CRISPRi - Mito/ Use an extinguishing agent suitable for the Traffic/Motility Library (Amplified) surrounding fire. SureGuide Mouse CRISPRa - Mito/ Use an extinguishing agent suitable for the Traffic/Motility Library (Amplified) surrounding fire. SureGuide Mouse CRISPRi -Use an extinguishing agent suitable for the Gene Expression Library surrounding fire. (Amplified) SureGuide Mouse CRISPRa -Use an extinguishing agent suitable for the surrounding fire. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Use an extinguishing agent suitable for the Membrane Proteins Library surrounding fire. (Amplified) SureGuide Mouse CRISPRa -Use an extinguishing agent suitable for the Membrane Proteins Library surrounding fire. (Amplified) : SureGuide Human CRISPRi -None known. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -None known. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -None known. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -None known. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -None known. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -None known. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -None known. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -None known. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -None known. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -None known. Genome Wide SubLib1 Library

None known.

None known.

None known.

Date of issue: 07/21/2023 55/170

(Amplified)

(Amplified)

(Amplified)

SureGuide Mouse CRISPRa -

Genome Wide SubLib2 Library

SureGuide Mouse CRISPRa -

Genome Wide SubLib3 Library

SureGuide Human CRISPRi -

Cancer/Apoptosis Library

(Amplified) SureGuide Human CRISPRa -None known. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -None known. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -None known. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -None known. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -None known. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -None known. Gene Expression Library (Amplified) SureGuide Human CRISPRa -None known. Gene Expression Library (Amplified) SureGuide Human CRISPRi -None known. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -None known. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -None known. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -None known. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ None known. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -None known. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -None known. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -None known. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ None known. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -None known. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -None known. Gene Expression Library

Date of issue: 07/21/2023 56/170

(Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified) None known.

None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library

(Amplified)

SureGuide Human CRISPRa - Cancer/Apoptosis Library

(Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified) In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

In a fire or if heated, a pressure increase will occur and the container may burst.

Date of issue: 07/21/2023 57/170

SureGuide Human CRISPRa -In a fire or if heated, a pressure increase will occur Stress/Proteostasis Library and the container may burst. (Amplified) SureGuide Human CRISPRi - Mito/ In a fire or if heated, a pressure increase will occur Traffic/Motility Library (Amplified) and the container may burst. SureGuide Human CRISPRi - Mito/ In a fire or if heated, a pressure increase will occur Traffic/Motility Library (Amplified) and the container may burst. SureGuide Human CRISPRi -In a fire or if heated, a pressure increase will occur Gene Expression Library and the container may burst. (Amplified) SureGuide Human CRISPRa -In a fire or if heated, a pressure increase will occur Gene Expression Library and the container may burst. (Amplified) SureGuide Human CRISPRi -In a fire or if heated, a pressure increase will occur Membrane Proteins Library and the container may burst. (Amplified) SureGuide Human CRISPRa -In a fire or if heated, a pressure increase will occur Membrane Proteins Library and the container may burst. (Amplified) SureGuide Mouse CRISPRi -In a fire or if heated, a pressure increase will occur Cancer/Apoptosis Library and the container may burst. (Amplified) SureGuide Mouse CRISPRa -In a fire or if heated, a pressure increase will occur Cancer/Apoptosis Library and the container may burst. (Amplified) SureGuide Mouse CRISPRi - Drug/ In a fire or if heated, a pressure increase will occur Kinase/Phospotase Library and the container may burst. (Amplified) SureGuide Mouse CRISPRa -In a fire or if heated, a pressure increase will occur Drug/Kinase/Phospotase Library and the container may burst. (Amplified) SureGuide Mouse CRISPRi -In a fire or if heated, a pressure increase will occur Stress/Proteostasis Library and the container may burst. (Amplified) SureGuide Mouse CRISPRa -In a fire or if heated, a pressure increase will occur Stress/Proteostasis Library and the container may burst. (Amplified) SureGuide Mouse CRISPRi - Mito/ In a fire or if heated, a pressure increase will occur Traffic/Motility Library (Amplified) and the container may burst. SureGuide Mouse CRISPRa - Mito/ In a fire or if heated, a pressure increase will occur Traffic/Motility Library (Amplified) and the container may burst. SureGuide Mouse CRISPRi -In a fire or if heated, a pressure increase will occur Gene Expression Library and the container may burst. (Amplified) SureGuide Mouse CRISPRa -In a fire or if heated, a pressure increase will occur Gene Expression Library and the container may burst. (Amplified) SureGuide Mouse CRISPRi -In a fire or if heated, a pressure increase will occur Membrane Proteins Library and the container may burst. (Amplified) SureGuide Mouse CRISPRa -In a fire or if heated, a pressure increase will occur Membrane Proteins Library and the container may burst.

Date of issue: 07/21/2023 58/170

(Amplified)

Hazardous thermal decomposition products

: SureGuide Human CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library

Date of issue: 07/21/2023 59/170

(Amplified)

SureGuide Human CRISPRa -

No specific data.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

No specific data.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library

No specific data.

(Amplified)

SureGuide Mouse CRISPRi -

No specific data.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library

(Amplified)

No specific data.

SureGuide Mouse CRISPRi - Drug/ No specific data.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

No specific data.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

No specific data.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

No specific data.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

No specific data.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

No specific data.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

No specific data.

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -

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.

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.

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.

Promptly isolate the scene by removing all persons

07/21/2023 Date of issue: 60/170

Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or 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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

SureGuide Human CRISPRi - Mito/ Promptly isolate the scene by removing all persons

07/21/2023 Date of issue: 61/170

Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -

from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureGuide Human CRISPRi - Mito/ 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.

> 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.

> 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.

> 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.

> 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.

> 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.

> 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.

SureGuide Mouse CRISPRi - Drug/ 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.

> 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.

> 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.

> 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.

> 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.

SureGuide Mouse CRISPRa - Mito/ 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.

> 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.

Promptly isolate the scene by removing all persons

07/21/2023 Date of issue: 62/170

Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

Special protective equipment for fire-fighters

SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -

from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or 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.

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.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective

Date of issue: 07/21/2023 63/170

Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -

equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SureGuide Human CRISPRi - Mito/ Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SureGuide Human CRISPRi - Mito/ Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SureGuide Mouse CRISPRi - Drug/ Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective

07/21/2023 Date of issue: 64/170

Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SureGuide Mouse CRISPRa - Mito/ Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

> Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

> Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

> Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

> 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

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

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 spilled 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 spilled 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 spilled 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

Date of issue: 07/21/2023 65/170

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified) unprotected personnel from entering. Do not touch or walk through spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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

Date of issue: 07/21/2023 66/170

SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified) unprotected personnel from entering. Do not touch or walk through spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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

Date of issue: 07/21/2023 67/170

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRi - Drug/ Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified) unprotected personnel from entering. Do not touch or walk through spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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

Date of issue: 07/21/2023 68/170

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

For emergency responders: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

> SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

> SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -

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

If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized clothing is required to deal with the

Date of issue: 07/21/2023 69/170

Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRi - Drug/

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

Date of issue: 07/21/2023 **70/170**

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

6.2 Environmental precautions

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified) spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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". If specialized 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".

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Date of issue: 07/21/2023 71/170

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Avoid dispersal of spilled 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).

Date of issue: 07/21/2023 72/170

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

caused environmental pollution (sewers, waterways, soil or air).

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified) Avoid dispersal of spilled 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).

Avoid dispersal of spilled material and runoff and

contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Human CRISPRi -Gene Expression Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Human CRISPRa -Gene Expression Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified) Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified) waterways, soil or air).
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Inform the relevant authorities if the product has caused environmental pollution (sewers,

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified) waterways, soil or air).
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Inform the relevant authorities if the product has caused environmental pollution (sewers,

SureGuide Mouse CRISPRi - Drug/ Kinase/Phospotase Library (Amplified) waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,

SureGuide Mouse CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

Avoid dispersal of spilled 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).

waterways, soil or air).

Date of issue: 07/21/2023 **73/170**

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

caused environmental pollution (sewers, waterways, soil or air).

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified) Avoid dispersal of spilled 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).

Avoid dispersal of spilled material and runoff and

contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Mouse CRISPRa - Mito/ Traffic/Motility Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified) Avoid dispersal of spilled 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).

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified) Avoid dispersal of spilled 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).

Avoid dispersal of spilled material and runoff and

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

caused environmental pollution (sewers,

waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified) 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.

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified) 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.

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified) 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

Date of issue: 07/21/2023 **74/170**

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified) disposal contractor.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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

Date of issue: 07/21/2023 **75/170**

(Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Stop leak if without risk. Move containers from spill Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

disposal contractor.

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.

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.

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.

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.

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.

SureGuide Human CRISPRi - Mito/ 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.

> 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.

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.

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.

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

Date of issue: 07/21/2023 76/170

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

disposal contractor.

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.

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

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.

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

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.

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi - Drug/ 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.

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

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.

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

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.

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

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.

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

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.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ 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.

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

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

07/21/2023 Date of issue: 77/170

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified) disposal contractor.

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.

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.

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

7.1 Precautions for safe handling

Protective measures

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment

Date of issue: 07/21/2023 **78/170**

Cancer/Apoptosis Library (see Section 8). (Amplified) SureGuide Human CRISPRa -Put on appropriate personal protective equipment Cancer/Apoptosis Library (see Section 8). (Amplified) SureGuide Human CRISPRi -Put on appropriate personal protective equipment Drug/Kinase/Phospotase Library (see Section 8). (Amplified) SureGuide Human CRISPRa -Put on appropriate personal protective equipment Drug/Kinase/Phospotase Library (see Section 8). (Amplified) SureGuide Human CRISPRi -Put on appropriate personal protective equipment Stress/Proteostasis Library (see Section 8). (Amplified) SureGuide Human CRISPRa -Put on appropriate personal protective equipment Stress/Proteostasis Library (see Section 8). (Amplified) SureGuide Human CRISPRi - Mito/ Put on appropriate personal protective equipment Traffic/Motility Library (Amplified) (see Section 8). SureGuide Human CRISPRi - Mito/ Put on appropriate personal protective equipment Traffic/Motility Library (Amplified) (see Section 8). SureGuide Human CRISPRi -Put on appropriate personal protective equipment Gene Expression Library (see Section 8). (Amplified) SureGuide Human CRISPRa -Put on appropriate personal protective equipment Gene Expression Library (see Section 8). (Amplified) SureGuide Human CRISPRi -Put on appropriate personal protective equipment Membrane Proteins Library (see Section 8). (Amplified) SureGuide Human CRISPRa -Put on appropriate personal protective equipment Membrane Proteins Library (see Section 8). (Amplified) SureGuide Mouse CRISPRi -Put on appropriate personal protective equipment Cancer/Apoptosis Library (see Section 8). (Amplified) SureGuide Mouse CRISPRa -Put on appropriate personal protective equipment Cancer/Apoptosis Library (see Section 8). (Amplified) SureGuide Mouse CRISPRi - Drug/ Put on appropriate personal protective equipment Kinase/Phospotase Library (see Section 8). (Amplified) SureGuide Mouse CRISPRa -Put on appropriate personal protective equipment Drug/Kinase/Phospotase Library (see Section 8). (Amplified) SureGuide Mouse CRISPRi -Put on appropriate personal protective equipment Stress/Proteostasis Library (see Section 8). (Amplified) SureGuide Mouse CRISPRa -Put on appropriate personal protective equipment Stress/Proteostasis Library (see Section 8). (Amplified) SureGuide Mouse CRISPRi - Mito/ Put on appropriate personal protective equipment Traffic/Motility Library (Amplified) (see Section 8). SureGuide Mouse CRISPRa - Mito/ Put on appropriate personal protective equipment Traffic/Motility Library (Amplified) (see Section 8). SureGuide Mouse CRISPRi -Put on appropriate personal protective equipment Gene Expression Library (see Section 8). (Amplified) SureGuide Mouse CRISPRa -Put on appropriate personal protective equipment Gene Expression Library (see Section 8).

Date of issue: 07/21/2023 **79/170**

(Amplified)
SureGuide Mouse CRISPRi Membrane Proteins Library
(Amplified)
SureGuide Mouse CRISPRa Membrane Proteins Library
(Amplified)

Put on appropriate personal protective equipment (see Section 8).

Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified) 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. 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. 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. 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. 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. 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. 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. 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

Date of issue: 07/21/2023 80/170

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -

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. 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. 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. 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. 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. 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. 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. 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. Eating, drinking and smoking should be prohibited

Date of issue: 07/21/2023 81/170

Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

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. 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. SureGuide Human CRISPRi - Mito/ 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. 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. 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. 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. 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. 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. 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

07/21/2023 Date of issue: 82/170

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -Gene Expression Library

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. SureGuide Mouse CRISPRi - Drug/ 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. 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. 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. 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. 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. 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. 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. Eating, drinking and smoking should be prohibited

in areas where this material is handled, stored and

07/21/2023 Date of issue: 83/170

(Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified) 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. 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. 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.

7.2 Conditions for safe storage, including any incompatibilities

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified) Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials

Date of issue: 07/21/2023 84/170

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified) (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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials

Date of issue: 07/21/2023 85/170

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified) (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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials

Date of issue: 07/21/2023 86/170

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)

(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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials

Date of issue: 07/21/2023 87/170

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

(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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. SureGuide Human CRISPRi - Mito/ Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and well-

ventilated area, away from incompatible materials

Date of issue: 07/21/2023 88/170

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

(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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. SureGuide Mouse CRISPRi - Drug/ Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and well-

ventilated area, away from incompatible materials

Date of issue: 07/21/2023 89/170

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Gene Expression Library (Amplified)

SureGuide Mouse CRISPRa -Gene Expression Library (Amplified)

(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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. SureGuide Mouse CRISPRa - Mito/ Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container

protected from direct sunlight in a dry, cool and well-

ventilated area, away from incompatible materials

Date of issue: 07/21/2023 90/170

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified) (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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Shelf life: 12 months. Store in original container protected from direct sunlight in a dry, cool and wellventilated 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s) Recommendations

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified) Industrial applications, Professional applications.

Date of issue: 07/21/2023 91/170

and storage	
SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library	Industrial applications, Professional applications.
(Amplified) SureGuide Mouse CRISPRa -	Industrial applications, Professional applications.
Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -	Industrial applications, Professional applications.
Genome Wide SubLib2 Library (Amplified)	madelial applications, i releasional applications.
SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library (Amplified)	Industrial applications, Professional applications.
SureGuide Human CRISPRi - Cancer/Apoptosis Library	Industrial applications, Professional applications.
(Amplified) SureGuide Human CRISPRa - Cancer/Apoptosis Library	Industrial applications, Professional applications.
(Amplified) SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library	Industrial applications, Professional applications.
(Amplified) SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library	Industrial applications, Professional applications.
(Amplified) SureGuide Human CRISPRi -	Industrial applications, Professional applications.
Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -	Industrial applications, Professional applications.
Stress/Proteostasis Library (Amplified)	industrial applications, Professional applications.
Traffic/Motility Library (Amplified)	Industrial applications, Professional applications.
Traffic/Motility Library (Amplified)	Industrial applications, Professional applications.
SureGuide Human CRISPRi - Gene Expression Library (Amplified)	Industrial applications, Professional applications.
SureGuide Human CRISPRa - Gene Expression Library	Industrial applications, Professional applications.
(Amplified) SureGuide Human CRISPRi - Membrane Proteins Library	Industrial applications, Professional applications.
(Amplified) SureGuide Human CRISPRa - Membrane Proteins Library	Industrial applications, Professional applications.
(Amplified) SureGuide Mouse CRISPRi - Cancer/Apoptosis Library	Industrial applications, Professional applications.
(Amplified) SureGuide Mouse CRISPRa - Cancer/Apoptosis Library	Industrial applications, Professional applications.
(Amplified) SureGuide Mouse CRISPRi - Drug/ Kinase/Phospotase Library	Industrial applications, Professional applications.
(Amplified) SureGuide Mouse CRISPRa - Drug/Kinase/Phospotase Library	Industrial applications, Professional applications.
(Amplified) SureGuide Mouse CRISPRi - Stress/Proteostasis Library	Industrial applications, Professional applications.

Date of issue: 07/21/2023 **92/170**

Industrial sector specific

solutions

Section 7. Handling and storage

(Amplified) SureGuide Mouse CRISPRa -Industrial applications, Professional applications. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Industrial applications, Professional applications. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ Industrial applications, Professional applications. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -Industrial applications, Professional applications. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Industrial applications, Professional applications. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Industrial applications, Professional applications. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Industrial applications, Professional applications. Membrane Proteins Library (Amplified) SureGuide Human CRISPRi -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Not available. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib1 Library (Amplified)

Not available.

Genome Wide SubLib2 Library
(Amplified)
SureGuide Mouse CRISPRa - Not available.
Genome Wide SubLib3 Library
(Amplified)

SureGuide Mouse CRISPRa -

SureGuide Human CRISPRi - Not available. Cancer/Apoptosis Library

(Amplified)
SureGuide Human CRISPRa - Not available.

Date of issue: 07/21/2023 93/170

Cancer/Apoptosis Library

(Amplified)

SureGuide Human CRISPRi - Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRi - Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Not

Not available.

Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

Not available.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -

Not available.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa - Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library Not available.

Date of issue: 07/21/2023 **94/170**

(Amplified)

SureGuide Mouse CRISPRa - Membrane Proteins Library

(Amplified)

Not available.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
None.	

Biological exposure indices

No exposure indices known.

8.2 Exposure controls

Appropriate engineering controls

Environmental exposure controls

- : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- : 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: safety glasses with sideshields.

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.

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.

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.

Date of issue: 07/21/2023 95/170

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state

: SureGuide Human CRISPRi -Liquid. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Liquid. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Liquid. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Liquid. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Liquid. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Liquid. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Liquid. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Liquid. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Liquid. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Liquid. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Liquid. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Liquid. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Liquid. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Liquid. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Liquid. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Liquid. Traffic/Motility Library (Amplified)

Date of issue: 07/21/2023 96/170

SureGuide Human CRISPRi - Mito/ Liquid.

Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Liquid. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Liquid. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Liquid. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Liquid. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Liquid. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/Liquid. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Liquid. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Liquid. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ Liquid. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -Liquid. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Liquid. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Liquid. Membrane Proteins Library (Amplified) SureGuide Human CRISPRi -

Color

(Amplified)

SureGuide Human CRISPRi Genome Wide SubLib1 Library
(Amplified)
SureGuide Human CRISPRi Genome Wide SubLib2 Library
(Amplified)
SureGuide Human CRISPRi Genome Wide SubLib3 Library
(Amplified)
SureGuide Human CRISPRa Not available.

Genome Wide SubLib1Library (Amplified)

Date of issue: 07/21/2023 **97/170**

SureGuide Human CRISPRa -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not available. Cancer/Apoptosis Library

Date of issue: 07/21/2023 98/170

Odor

Section 9. Physical and chemical properties and safety characteristics

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRi -

Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -

Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa -

Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa -

Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -

Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Date of issue: 07/21/2023 99/170

Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa - Not available.

Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa - Not available. Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRi - Not available.

Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa - Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Human CRISPRi - Not available. Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi - Not available.

Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa - Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi - Not available.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi - Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa - Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa - Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Stress/Proteostasis Library (Amplified)

Date of issue: 07/21/2023 100/170

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

Not available.

Not available.

Odor threshold

SureGuide Human CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRi -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Human CRISPRa -

Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -

Drug/Kinase/Phospotase Library

Not available.

07/21/2023 Date of issue: 101/170

(Amplified)

SureGuide Human CRISPRa - Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRi - Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Not available.

Not available.

Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa - Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa - Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi - Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa - Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa - Membrane Proteins Library

Not available.

(Amplified)

Date of issue: 07/21/2023 102/170

рН

ana onomioai proport	. •
SureGuide Human CRISPRi -	7
Genome Wide SubLib1 Library	
(Amplified) SureGuide Human CRISPRi -	7
Genome Wide SubLib2 Library	'
(Amplified)	
SureGuide Human CRISPRi -	7
Genome Wide SubLib3 Library	'
(Amplified)	
SureGuide Human CRISPRa -	7
Genome Wide SubLib1Library	'
(Amplified)	
SureGuide Human CRISPRa -	7
Genome Wide SubLib2 Library	•
(Amplified)	
SureGuide Human CRISPRa -	7
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	7
Genome Wide SubLib1 Library	-
(Amplified)	
SureGuide Mouse CRISPRi -	7
Genome Wide SubLib2 Library	•
(Amplified)	
SureGuide Mouse CRISPRi -	7
Genome Wide SubLib3 Library	•
(Amplified)	
SureGuide Mouse CRISPRa -	7
Genome Wide SubLib1 Library	•
(Amplified)	
SureGuide Mouse CRISPRa -	7
Genome Wide SubLib2 Library	•
(Amplified)	
SureGuide Mouse CRISPRa -	7
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRi -	7
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Human CRISPRa -	7
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Human CRISPRi -	7
Drug/Kinase/Phospotase Library	
(Amplified)	
SureGuide Human CRISPRa -	7
Drug/Kinase/Phospotase Library	-
(Amplified)	
SureGuide Human CRISPRi -	7
Stress/Proteostasis Library	
(Amplified)	
SureGuide Human CRISPRa -	7
Stress/Proteostasis Library	
(Amplified)	
SureGuide Human CRISPRi - Mito/	7
Traffic/Motility Library (Amplified)	
SureGuide Human CRISPRi - Mito/	7
Traffic/Motility Library (Amplified)	
SureGuide Human CRISPRi -	7
Gene Expression Library	
,	

Date of issue: 07/21/2023 **103/170**

Melting point/freezing point :

Section 9. Physical and chemical properties and safety characteristics

and chemical properti	es and
(Amplified)	
SureGuide Human CRISPRa -	7
Gene Expression Library	
(Amplified)	
SureGuide Human CRISPRi -	7
Membrane Proteins Library	
(Amplified)	
SureGuide Human CRISPRa -	7
Membrane Proteins Library	
(Amplified)	7
SureGuide Mouse CRISPRi -	7
Cancer/Apoptosis Library	
(Amplified)	7
SureGuide Mouse CRISPRa -	7
Cancer/Apoptosis Library (Amplified)	
SureGuide Mouse CRISPRi - Drug/	7
Kinase/Phospotase Library	1
(Amplified)	
SureGuide Mouse CRISPRa -	7
Drug/Kinase/Phospotase Library	,
(Amplified)	
SureGuide Mouse CRISPRi -	7
Stress/Proteostasis Library	•
(Amplified)	
SureGuide Mouse CRISPRa -	7
Stress/Proteostasis Library	•
(Amplified)	
SureGuide Mouse CRISPRi - Mito/	7
Traffic/Motility Library (Amplified)	•
SureGuide Mouse CRISPRa - Mito/	7
Traffic/Motility Library (Amplified)	
SureGuide Mouse CRISPRi -	7
Gene Expression Library	
(Amplified)	
SureGuide Mouse CRISPRa -	7
Gene Expression Library	
(Amplified)	
SureGuide Mouse CRISPRi -	7
Membrane Proteins Library	
(Amplified)	
SureGuide Mouse CRISPRa -	7
Membrane Proteins Library	
(Amplified)	
SureGuide Human CRISPRi -	0°C (32°F)
Genome Wide SubLib1 Library	
(Amplified)	202 (2005)
SureGuide Human CRISPRi -	0°C (32°F)
Genome Wide SubLib2 Library	
(Amplified)	0°C (20°E)
SureGuide Human CRISPRi -	0°C (32°F)
Genome Wide SubLib3 Library	
(Amplified) SureGuide Human CRISPRa -	0°C (22°E)
Genome Wide SubLib1Library	0°C (32°F)
(Amplified)	
SureGuide Human CRISPRa -	0°C (32°F)
Genome Wide SubLib2 Library	0 0 (02 1)
(Amplified)	
SureGuide Human CRISPRa -	0°C (32°F)
	()

Date of issue: 07/21/2023 **104/170**

aria	Circinicai p	opei ti	CS	and
	me Wide SubLib3	Library		
(Amp				
	Guide Mouse CRIS		0°C	(32°F)
	me Wide SubLib1	Library		
(Amp	•			
	Suide Mouse CRIS		0°C	(32°F)
	me Wide SubLib2	Library		
(Amp			000	(000 =)
	Guide Mouse CRIS		0°C	(32°F)
	me Wide SubLib3	Library		
(Amp			000	(000E)
	Guide Mouse CRIS		0°C	(32°F)
	me Wide SubLib1	Library		
(Ampl	,		202	(0005)
	Guide Mouse CRIS		0°C	(32°F)
	me Wide SubLib2	Library		
(Ampl		NDD -	000	(20°E)
	Guide Mouse CRIS		0.0	(32°F)
	me Wide SubLib3	Library		
(Ampl		ODD:	000	(20°E)
	Guide Human CRIS		UC	(32°F)
	er/Apoptosis Libra	ry		
(Ampl	ուլeզ) Buide Human CRIS	SDD ₀	0°C	(22°E)
			UC	(32°F)
(Amp	er/Apoptosis Libra	у		
	Buide Human CRIS	SDDi	٥°C	(32°F)
	Kinase/Phospotas		0 0	(32 1)
(Ampl		e Library		
	Buide Human CRIS	SDR ₂ _	٥°C	(32°F)
	Kinase/Phospotas		0 0	(02 1)
(Amp		o Library		
	Guide Human CRIS	SPRi -	0°C	(32°F)
	s/Proteostasis Libr		•	(= .)
(Amp		,		
	Suidé Human CRIS	SPRa -	0°C	(32°F)
Stress	s/Proteostasis Libr	ary		,
(Amp		•		
Sure	Guide Human CRIS	SPRi - Mito/	0°C	(32°F)
Traffic	c/Motility Library (A	Amplified)		,
SureC	Suide Human CRIS	SPRi - Mito/	0°C	(32°F)
Traffic	c/Motility Library (A	Amplified)		
	Buide Human CRIS		0°C	(32°F)
Gene	Expression Librar	у		
(Amp	ified)			
	Buide Human CRIS		0°C	(32°F)
	Expression Librar	у		
(Amp	,			
	Buide Human CRI		0°C	(32°F)
	orane Proteins Libi	rary		
(Amp				
	Buide Human CRI		0°C	(32°F)
	orane Proteins Lib	rary		
(Amp				(a.a.a.)
	Guide Mouse CRIS		0.C	(32°F)
	er/Apoptosis Libra	ry		
(Amp		NDD-	000	(0005)
	Guide Mouse CRIS		O,C	(32°F)
	er/Apoptosis Libra	ı y		
(Amp	illea)			

Date of issue: 07/21/2023 **105/170**

Boiling point, initial boiling

point, and boiling range

Section 9. Physical and chemical properties and safety characteristics

SureGuide Mouse CRISPRi - Drug/ 0°C (32°F) Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -0°C (32°F) Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -0°C (32°F) Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -0°C (32°F) Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ 0°C (32°F) Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ 0°C (32°F) Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -0°C (32°F) Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -0°C (32°F) Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -0°C (32°F) Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -0°C (32°F) Membrane Proteins Library (Amplified) SureGuide Human CRISPRi -100°C (212°F) Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -100°C (212°F) Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -100°C (212°F) Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -100°C (212°F) Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -100°C (212°F) Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -100°C (212°F) Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -100°C (212°F) Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -100°C (212°F) Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -100°C (212°F) Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -100°C (212°F) Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -100°C (212°F)

Date of issue: 07/21/2023 106/170

Genome Wide SubLib2 Library

(Amplified)	
SureGuide Mouse CRISPRa -	100°C (212°F)
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRi -	100°C (212°F)
Cancer/Apoptosis Library	
(Amplified)	10000 (01005)
SureGuide Human CRISPRa -	100°C (212°F)
Cancer/Apoptosis Library	
(Amplified)	10000 (01005)
SureGuide Human CRISPRi -	100°C (212°F)
Drug/Kinase/Phospotase Library	
(Amplified)	400°C (040°E)
SureGuide Human CRISPRa -	100°C (212°F)
Drug/Kinase/Phospotase Library	
(Amplified)	400°C (040°E)
SureGuide Human CRISPRi -	100°C (212°F)
Stress/Proteostasis Library	
(Amplified) SureGuide Human CRISPRa -	100°C (212°F)
Stress/Proteostasis Library	100 C (212 F)
(Amplified)	
SureGuide Human CRISPRi - Mito/	100°C (212°E)
Traffic/Motility Library (Amplified)	100 6 (212 F)
SureGuide Human CRISPRi - Mito/	100°C (212°F)
Traffic/Motility Library (Amplified)	100 6 (2121)
SureGuide Human CRISPRi -	100°C (212°F)
Gene Expression Library	100 0 (2121)
(Amplified)	
SureGuide Human CRISPRa -	100°C (212°F)
Gene Expression Library	100 0 (2121)
(Amplified)	
SureGuide Human CRISPRi -	100°C (212°F)
Membrane Proteins Library	,
(Amplified)	
SureGuide Human CRISPRa -	100°C (212°F)
Membrane Proteins Library	,
(Amplified)	
SureGuide Mouse CRISPRi -	100°C (212°F)
Cancer/Apoptosis Library	, ,
(Amplified)	
SureGuide Mouse CRISPRa -	100°C (212°F)
Cancer/Apoptosis Library	, ,
(Amplified)	
SureGuide Mouse CRISPRi - Drug/	100°C (212°F)
Kinase/Phospotase Library	
(Amplified)	
SureGuide Mouse CRISPRa -	100°C (212°F)
Drug/Kinase/Phospotase Library	
(Amplified)	
SureGuide Mouse CRISPRi -	100°C (212°F)
Stress/Proteostasis Library	
(Amplified)	
SureGuide Mouse CRISPRa -	100°C (212°F)
Stress/Proteostasis Library	
(Amplified)	10000 (5:50=)
SureGuide Mouse CRISPRi - Mito/	100°C (212°F)
Traffic/Motility Library (Amplified)	10000 (0100=)
SureGuide Mouse CRISPRa - Mito/	100°C (212°F)
Traffic/Motility Library (Amplified)	

Date of issue: 07/21/2023 **107/170**

Flash point

Section 9. Physical and chemical properties and safety characteristics

_		
	SureGuide Mouse CRISPRi - Gene Expression Library	100°C (212°F)
	(Amplified) SureGuide Mouse CRISPRa - Gene Expression Library	100°C (212°F)
	(Amplified) SureGuide Mouse CRISPRi - Membrane Proteins Library	100°C (212°F)
	(Amplified) SureGuide Mouse CRISPRa - Membrane Proteins Library (Amplified)	100°C (212°F)
:	SureGuide Human CRISPRi - Genome Wide SubLib1 Library (Amplified)	Not available.
	SureGuide Human CRISPRi - Genome Wide SubLib2 Library (Amplified)	Not available.
	SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)	Not available.
	SureGuide Human CRISPRa - Genome Wide SubLib1Library	Not available.
	(Amplified) SureGuide Human CRISPRa - Genome Wide SubLib2 Library	Not available.
	(Amplified) SureGuide Human CRISPRa - Genome Wide SubLib3 Library	Not available.
	(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib1 Library	Not available.
	(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib2 Library	Not available.
	(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library	Not available.
	(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library	Not available.
	(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library	Not available.
	(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library	Not available.
	(Amplified) SureGuide Human CRISPRi - Cancer/Apoptosis Library	Not available.
	(Amplified) SureGuide Human CRISPRa - Cancer/Apoptosis Library	Not available.
	(Amplified) SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library	Not available.
	(Amplified) SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library (Amplified)	Not available.

Date of issue: 07/21/2023 108/170

Not available.

Not available.

Not available.

Not available.

Not available.

Not available.

SureGuide Human CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa - Not available.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi - Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Not available.

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

Date of issue: 07/21/2023 109/170

Evaporation rate

and chemical propert	ies and s
SureGuide Human CRISPRi -	Not available.
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Human CRISPRi -	Not available.
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Human CRISPRi -	Not available.
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRa -	Not available.
Genome Wide SubLib1Library	
(Amplified)	
SureGuide Human CRISPRa -	Not available.
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Human CRISPRa -	Not available.
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Not available.
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Not available.
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Mouse CRISPRi -	Not available.
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Not available.
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Not available.
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Mouse CRISPRa -	Not available.
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRi -	Not available.
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Human CRISPRa -	Not available.
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Human CRISPRi -	Not available.
Drug/Kinase/Phospotase Library	
(Amplified)	
SureGuide Human CRISPRa -	Not available.
Drug/Kinase/Phospotase Library	
(Amplified)	
SureGuide Human CRISPRi -	Not available.
Stress/Proteostasis Library	
(Amplified)	
SureGuide Human CRISPRa -	Not available.
Stress/Proteostasis Library	
(Amplified)	
SureGuide Human CRISPRi - Mito/	Not available.
Traffic/Motility Library (Amplified)	
SureGuide Human CRISPRi - Mito/	Not available.
Traffic/Motility Library (Amplified)	
SureGuide Human CRISPRi -	Not available.
Gene Expression Library	

Date of issue: 07/21/2023 110/170

Flammability

Section 9. Physical and chemical properties and safety characteristics

(Amplified) SureGuide Human CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ Not available. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -Not available. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Not available. Membrane Proteins Library (Amplified) : SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not applicable.

Date of issue: 07/21/2023 111/170

Not applicable.

Genome Wide SubLib2 Library

SureGuide Human CRISPRa -

(Amplified)

Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not applicable. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not applicable. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified)

Date of issue: 07/21/2023 112/170

SureGuide Mouse CRISPRi - Drug/ Not applicable.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -Not applicable.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Not applicable.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not applicable.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Not applicable.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Not applicable.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

Not applicable.

(Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library

(Amplified)

Not applicable.

Lower and upper explosion limit/flammability limit

SureGuide Human CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -

Genome Wide SubLib1 Library

(Amplified) SureGuide Mouse CRISPRi -

Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library Not available.

07/21/2023 Date of issue: 113/170

(Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ Not available. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ Not available. Traffic/Motility Library (Amplified)

Date of issue: 07/21/2023 **114/170**

SureGuide Mouse CRISPRi -Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library

(Amplified)

Not available.

Not available.

Not available.

Not available.

Vapor pressure

:	Vapor Pressure at 20°C		Vapor pressure at 50°C			
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
SureGuide Human CRISPRi - Genome Wide SubLib1 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Genome Wide SubLib2 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa - Genome Wide SubLib1Library (Amplified)	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa - Genome Wide SubLib2 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa -						

Date of issue: 07/21/2023 115/170

and Chemical	bi obc	, tics	ana san	ty Cin	aracte	1131103
Genome Wide SubLib3 Library (Amplified)						
water	17.5	2.3	_	92.258	12.3	-
SureGuide Mouse CRISPRi - Genome Wide SubLib1 Library (Amplified)						
water	17.5	2.3	_	92.258	12.3	-
SureGuide Mouse CRISPRi - Genome Wide SubLib2 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library (Amplified)						
water	17.5	2.3	_	92.258	12.3	-
SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Cancer/ Apoptosis Library						

Date of issue: 07/21/2023 **116/170**

and Chemical	hiohe	51 LIC3	anu Sait	FLY CIT	aractt	เมอแบอ
(Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa - Cancer/ Apoptosis Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Drug/ Kinase/ Phospotase Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa - Drug/ Kinase/ Phospotase Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Stress/ Proteostasis Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa - Stress/ Proteostasis Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Mito/ Traffic/Motility Library (Amplified)						
water	17.5	2.3	_	92.258	12.3	-

Date of issue: 07/21/2023 **117/170**

and Chemical	prope	, lics	and Said	ty Cin	aracte	TISTICS
SureGuide Human CRISPRi - Gene Expression Library (Amplified)	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa - Gene Expression Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRi - Membrane Proteins Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Human CRISPRa - Membrane Proteins Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRi - Cancer/ Apoptosis Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRa - Cancer/ Apoptosis Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRi - Drug/ Kinase/ Phospotase Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-

Date of issue: 07/21/2023 118/170

and Chemical	hiohe	51 LIC3	anu san	ty CII	aracte	เมอแบอ
SureGuide Mouse CRISPRa - Drug/ Kinase/ Phospotase Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRi - Stress/ Proteostasis Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRa - Stress/ Proteostasis Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRa - Mito/ Traffic/Motility Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRi - Gene Expression Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRa - Gene Expression Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRi - Membrane Proteins Library						

Date of issue: 07/21/2023 **119/170**

(Amplified)						
water	17.5	2.3	-	92.258	12.3	-
SureGuide Mouse CRISPRa - Membrane Proteins Library (Amplified)						
water	17.5	2.3	-	92.258	12.3	-

Relative vapor density

: SureGuide Human CRISPRi -Not available. Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -Not available.

Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library Not available.

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library Not available.

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library Not available.

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library

Not available.

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library Not available.

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library Not available.

(Amplified)

SureGuide Mouse CRISPRa -

Genome Wide SubLib1 Library

Not available.

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library Not available.

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Genome Wide SubLib3 Library

(Amplified)

Not available.

SureGuide Human CRISPRi -Cancer/Apoptosis Library

(Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library

Not available.

(Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library

Not available.

(Amplified)

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library

Not available.

(Amplified)

Date of issue: 07/21/2023 120/170

SureGuide Human CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

Not available.

Not available.

SureGuide Human CRISPRi - Mito/ Not available.

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

Not available.

Not available.

Not available.

Not available.

07/21/2023 Date of issue: 121/170

Relative density

: SureGuide Human CRISPRi -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Not available. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not available. Gene Expression Library

Date of issue: 07/21/2023 122/170

(Amplified) SureGuide Human CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ Not available. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -Not available. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Not available. Membrane Proteins Library (Amplified)

So

	(runpiniou)	
olubility(ies)	: Media	Result
	ureGuide Human CRISPRi - Genome	
	Wide SubLib1 Library (Amplified)	
	water	Soluble
	SureGuide Human CRISPRi - Genome	
	Wide SubLib2 Library (Amplified)	
	water	Soluble
	SureGuide Human CRISPRi - Genome	
	Wide SubLib3 Library (Amplified)	
	water	Soluble
	SureGuide Human CRISPRa - Genome	
	Wide SubLib1Library (Amplified)	
	water	Soluble
	SureGuide Human CRISPRa - Genome	
	Wide SubLib2 Library (Amplified)	

07/21/2023 Date of issue: 123/170

and chemical properties a	ilu salety characteristics
water	Soluble
SureGuide Human CRISPRa - Genome	
Wide SubLib3 Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRi - Genome	
Wide SubLib1 Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRi - Genome	
Wide SubLib2 Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRi - Genome	
Wide SubLib3 Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa - Genome	
Wide SubLib1 Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa - Genome	
Wide SubLib2 Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa - Genome	
Wide SubLib3 Library (Amplified)	
water	Soluble
SureGuide Human CRISPRi - Cancer/	
Apoptosis Library (Amplified)	
water	Soluble
SureGuide Human CRISPRa - Cancer/	
Apoptosis Library (Amplified)	
water	Soluble
SureGuide Human CRISPRi - Drug/	
Kinase/Phospotase Library (Amplified)	
water	Soluble
SureGuide Human CRISPRa - Drug/	
Kinase/Phospotase Library (Amplified)	
water	Soluble
SureGuide Human CRISPRi - Stress/	
Proteostasis Library (Amplified)	
water	Soluble
SureGuide Human CRISPRa - Stress/	
Proteostasis Library (Amplified)	
water	Soluble
SureGuide Human CRISPRi - Mito/	
Traffic/Motility Library (Amplified)	
water	Soluble
SureGuide Human CRISPRi - Mito/	
Traffic/Motility Library (Amplified)	
water	Soluble
SureGuide Human CRISPRi - Gene	
Expression Library (Amplified)	C-lubi-
water SureGuide Human CRISPRa - Gene	Soluble
Expression Library (Amplified) water	Soluble
water SureGuide Human CRISPRi -	Oliubie
Membrane Proteins Library (Amplified)	
water	Soluble
SureGuide Human CRISPRa -	
Membrane Proteins Library (Amplified)	
water	Soluble
···	

Date of issue: 07/21/2023 **124/170**

• •	
SureGuide Mouse CRISPRi - Cancer/	
Apoptosis Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa - Cancer/	
Apoptosis Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRi - Drug/	
Kinase/Phospotase Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa - Drug/	
Kinase/Phospotase Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRi - Stress/	
Proteostasis Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa - Stress/	
Proteostasis Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRi - Mito/	
Traffic/Motility Library (Amplified)	O-lubi-
water SureGuide Mouse CRISPRa - Mito/	Soluble
Traffic/Motility Library (Amplified) water	Soluble
SureGuide Mouse CRISPRi - Gene	Soluble
Expression Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa - Gene	Colubie
Expression Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRi -	30.00.0
Membrane Proteins Library (Amplified)	
water	Soluble
SureGuide Mouse CRISPRa -	
Membrane Proteins Library (Amplified)	
	blicable.

Partition coefficient: n-octanol/water

Membrane Proteins Library (Am	plified)
SureGuide Human CRISPRi - Genome Wide SubLib1 Library	Not applicable.
(Amplified)	
SureGuide Human CRISPRi -	Not applicable.
Genome Wide SubLib2 Library	
(Amplified)	
SureGuide Human CRISPRi -	Not applicable.
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRa -	Not applicable.
Genome Wide SubLib1Library	
(Amplified)	
SureGuide Human CRISPRa -	Not applicable.
Genome Wide SubLib2 Library	
(Amplified)	Niat ammilia alala
SureGuide Human CRISPRa -	Not applicable.
Genome Wide SubLib3 Library	
(Amplified) SureGuide Mouse CRISPRi -	Not applicable
Genome Wide SubLib1 Library	Not applicable.
(Amplified)	
SureGuide Mouse CRISPRi -	Not applicable.
Genome Wide SubLib2 Library	Not applicable.
Ochonic Wide Gublibz Library	

Date of issue: 07/21/2023 **125/170**

(Amplified)

SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not applicable. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not applicable. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ Not applicable. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Stress/Proteostasis Library

Date of issue: 07/21/2023 126/170

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Not applicable.

Not applicable.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -Not applicable.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -Not applicable.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

Not applicable.

Auto-ignition temperature Decomposition temperature : Not available.

SureGuide Human CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -

Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa -

Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -

Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library

(Amplified)

Not available.

Date of issue: 07/21/2023 127/170

SureGuide Human CRISPRa -Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Human CRISPRi -Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRa -Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Human CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Not available.

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -Not available.

Date of issue: 07/21/2023 128/170 **Viscosity**

Section 9. Physical and chemical properties and safety characteristics

	Membrane Proteins Library	
	(Amplified)	
	SureGuide Mouse CRISPRa -	Not available.
	Membrane Proteins Library	
	(Amplified)	
:	SureGuide Human CRISPRi -	Not available.
•	Genome Wide SubLib1 Library	Not available.
	(Amplified)	Natavallable
	SureGuide Human CRISPRi -	Not available.
	Genome Wide SubLib2 Library	
	(Amplified)	
	SureGuide Human CRISPRi -	Not available.
	Genome Wide SubLib3 Library	
	(Amplified)	
	SureGuide Human CRISPRa -	Not available.
	Genome Wide SubLib1Library	
	(Amplified)	
	SureGuide Human CRISPRa -	Not available.
	Genome Wide SubLib2 Library	
	(Amplified)	
	SureGuide Human CRISPRa -	Not available.
	Genome Wide SubLib3 Library	Not available.
	•	
	(Amplified) SureGuide Mouse CRISPRi -	Not available.
		Not available.
	Genome Wide SubLib1 Library	
	(Amplified)	
	SureGuide Mouse CRISPRi -	Not available.
	Genome Wide SubLib2 Library	
	(Amplified)	
	SureGuide Mouse CRISPRi -	Not available.
	Genome Wide SubLib3 Library	
	(Amplified)	
	SureGuide Mouse CRISPRa -	Not available.
	Genome Wide SubLib1 Library	
	(Amplified)	
	SureGuide Mouse CRISPRa -	Not available.
	Genome Wide SubLib2 Library	
	(Amplified)	
	SureGuide Mouse CRISPRa -	Not available.
	Genome Wide SubLib3 Library	riot available.
	(Amplified)	
	SureGuide Human CRISPRi -	Not available.
		NOL available.
	Cancer/Apoptosis Library	
	(Amplified)	NI . 4
	SureGuide Human CRISPRa -	Not available.
	Cancer/Apoptosis Library	
	(Amplified)	
	SureGuide Human CRISPRi -	Not available.
	Drug/Kinase/Phospotase Library	
	(Amplified)	
	SureGuide Human CRISPRa -	Not available.
	Drug/Kinase/Phospotase Library	
	(Amplified)	
	SureGuide Human CRISPRi -	Not available.
	Stress/Proteostasis Library	
	(Amplified)	
	SureGuide Human CRISPRa -	Not available.
	Stress/Proteostasis Library	. Tot a valiable.
	(Amplified)	
	SureGuide Human CRISPRi - Mito/	Not available
	SureGuide Human CRISERI - WIIIO/	INUL AVAIIADIE.

Date of issue: 07/21/2023 **129/170**

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa -

Not available.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi -

Not available.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa -

Not available.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not available.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Not available.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Not available.

Membrane Proteins Library

(Amplified) SureGuide Mouse CRISPRa -

Not available.

Membrane Proteins Library

(Amplified)

Particle characteristics

Median particle size

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library

Not applicable.

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

Not applicable.

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library Not applicable.

(Amplified)

SureGuide Human CRISPRa -Not applicable.

07/21/2023 Date of issue: 130/170

Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not applicable. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not applicable. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not applicable. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not applicable. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Not applicable. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not applicable. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not applicable. Membrane Proteins Library (Amplified)

Date of issue: 07/21/2023 131/170

SureGuide Mouse CRISPRi -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not applicable.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Not applicable.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library

(Amplified)

Not applicable.

Section 10. Stability and reactivity

10.1 Reactivity

SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library No specific test data related to reactivity available for this product or its ingredients.

No specific test data related to reactivity available for this product or its ingredients.

No specific test data related to reactivity available for this product or its ingredients.

No specific test data related to reactivity available for this product or its ingredients.

No specific test data related to reactivity available

for this product or its ingredients.

for this product or its ingredients.

No specific test data related to reactivity available

No specific test data related to reactivity available for this product or its ingredients.

No specific test data related to reactivity available for this product or its ingredients.

07/21/2023 Date of issue: 132/170

and rodon vity	
(Amplified)	
SureGuide Mouse CRISPRi -	No specific test data related to reactivity available
Genome Wide SubLib3 Library	for this product or its ingredients.
(Amplified) SureGuide Mouse CRISPRa -	No specific test data related to reactivity available
Genome Wide SubLib1 Library	for this product or its ingredients.
(Amplified)	To the product of ite ingredients.
SureGuide Mouse CRISPRa -	No specific test data related to reactivity available
Genome Wide SubLib2 Library	for this product or its ingredients.
(Amplified)	
SureGuide Mouse CRISPRa -	No specific test data related to reactivity available
Genome Wide SubLib3 Library	for this product or its ingredients.
(Amplified)	NI
SureGuide Human CRISPRi -	No specific test data related to reactivity available
Cancer/Apoptosis Library (Amplified)	for this product or its ingredients.
SureGuide Human CRISPRa -	No specific test data related to reactivity available
Cancer/Apoptosis Library	for this product or its ingredients.
(Amplified)	
SureGuidé Human CRISPRi -	No specific test data related to reactivity available
Drug/Kinase/Phospotase Library	for this product or its ingredients.
(Amplified)	
SureGuide Human CRISPRa -	No specific test data related to reactivity available
Drug/Kinase/Phospotase Library	for this product or its ingredients.
(Amplified)	No appoific test data related to reactivity available
SureGuide Human CRISPRi - Stress/Proteostasis Library	No specific test data related to reactivity available for this product or its ingredients.
(Amplified)	for this product or its ingredients.
SureGuide Human CRISPRa -	No specific test data related to reactivity available
Stress/Proteostasis Library	for this product or its ingredients.
(Amplified)	1 3
SureGuide Human CRISPRi - Mito/	No specific test data related to reactivity available
Traffic/Motility Library (Amplified)	for this product or its ingredients.
SureGuide Human CRISPRi - Mito/	No specific test data related to reactivity available
Traffic/Motility Library (Amplified)	for this product or its ingredients.
SureGuide Human CRISPRi -	No specific test data related to reactivity available
Gene Expression Library (Amplified)	for this product or its ingredients.
SureGuide Human CRISPRa -	No specific test data related to reactivity available
Gene Expression Library	for this product or its ingredients.
(Amplified)	
SureGuide Human CRISPRi -	No specific test data related to reactivity available
Membrane Proteins Library	for this product or its ingredients.
(Amplified)	
SureGuide Human CRISPRa -	No specific test data related to reactivity available
Membrane Proteins Library	for this product or its ingredients.
(Amplified) SureGuide Mouse CRISPRi -	No specific test data related to reactivity available
Cancer/Apoptosis Library	for this product or its ingredients.
(Amplified)	for this product or its ingredients.
SureGuide Mouse CRISPRa -	No specific test data related to reactivity available
Cancer/Apoptosis Library	for this product or its ingredients.
(Amplified)	·
	No specific test data related to reactivity available
Kinase/Phospotase Library	for this product or its ingredients.
(Amplified)	Nie an atte date outstellte in 1999 in 1999
SureGuide Mouse CRISPRa -	No specific test data related to reactivity available
Drug/Kinase/Phospotase Library	for this product or its ingredients.
(Amplified) SureGuide Mouse CRISPRi -	No specific test data related to reactivity available
Garcoulde Mouse Office IVI	The specific lest data related to reactivity available

Date of issue: 07/21/2023 **133/170**

Stress/Proteostasis Library for this product or its ingredients. (Amplified) SureGuide Mouse CRISPRa -No specific test data related to reactivity available Stress/Proteostasis Library for this product or its ingredients. (Amplified) SureGuide Mouse CRISPRi - Mito/ No specific test data related to reactivity available Traffic/Motility Library (Amplified) for this product or its ingredients. SureGuide Mouse CRISPRa - Mito/ No specific test data related to reactivity available Traffic/Motility Library (Amplified) for this product or its ingredients. SureGuide Mouse CRISPRi -No specific test data related to reactivity available Gene Expression Library for this product or its ingredients. (Amplified) SureGuide Mouse CRISPRa -No specific test data related to reactivity available Gene Expression Library for this product or its ingredients. (Amplified) No specific test data related to reactivity available SureGuide Mouse CRISPRi -Membrane Proteins Library for this product or its ingredients. (Amplified) No specific test data related to reactivity available SureGuide Mouse CRISPRa -Membrane Proteins Library for this product or its ingredients. (Amplified)

10.2 Chemical stability

: SureGuide Human CRISPRi -Shelf life: 12 months. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Shelf life: 12 months. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Shelf life: 12 months. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Shelf life: 12 months. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Shelf life: 12 months. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Shelf life: 12 months. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Shelf life: 12 months. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Shelf life: 12 months. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Shelf life: 12 months. Genome Wide SubLib3 Library (Amplified)

Date of issue: 07/21/2023 134/170

Shelf life: 12 months.

SureGuide Human CRISPRi -

Cancer/Apoptosis Library

(Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Shelf life: 12 months. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Shelf life: 12 months. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Shelf life: 12 months. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Shelf life: 12 months. Traffic/Motility Library (Amplified) Shelf life: 12 months. SureGuide Human CRISPRi -Gene Expression Library (Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Shelf life: 12 months. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Shelf life: 12 months. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Shelf life: 12 months. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Shelf life: 12 months. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ Shelf life: 12 months.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa - Shelf life: 12 months.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi - Shelf life: 12 months.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa - Shelf life: 12 months.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ Shelf life: 12 months.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ Shelf life: 12 months.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi - Shelf life: 12 months.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa - Shelf life: 12 months.

Gene Expression Library

(Amplified)

Date of issue: 07/21/2023 135/170

SureGuide Mouse CRISPRi -Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Membrane Proteins Library (Amplified)

Shelf life: 12 months.

Shelf life: 12 months.

10.3 Possibility of hazardous reactions

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -

hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use,

Under normal conditions of storage and use,

Under normal conditions of storage and use, hazardous reactions will not occur.

hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous reactions will not occur.

(Amplified) SureGuide Mouse CRISPRa -Under normal conditions of storage and use, Genome Wide SubLib1 Library

(Amplified) SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library

SureGuide Mouse CRISPRa -

Genome Wide SubLib2 Library

Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library

(Amplified)

(Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library

Date of issue: 07/21/2023 136/170

(Amplified) SureGuide Human CRISPRi - Mito/ Under normal conditions of storage and use, Traffic/Motility Library (Amplified) hazardous reactions will not occur. SureGuide Human CRISPRi - Mito/ Under normal conditions of storage and use, Traffic/Motility Library (Amplified) hazardous reactions will not occur. SureGuide Human CRISPRi -Under normal conditions of storage and use, Gene Expression Library hazardous reactions will not occur. (Amplified) SureGuide Human CRISPRa -Under normal conditions of storage and use, Gene Expression Library hazardous reactions will not occur. (Amplified) SureGuide Human CRISPRi -Under normal conditions of storage and use, Membrane Proteins Library hazardous reactions will not occur. (Amplified) SureGuide Human CRISPRa -Under normal conditions of storage and use, Membrane Proteins Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRi -Under normal conditions of storage and use, Cancer/Apoptosis Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRa -Under normal conditions of storage and use, Cancer/Apoptosis Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRi - Drug/ Under normal conditions of storage and use, Kinase/Phospotase Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRa -Under normal conditions of storage and use, Drug/Kinase/Phospotase Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRi -Under normal conditions of storage and use, Stress/Proteostasis Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRa -Under normal conditions of storage and use, Stress/Proteostasis Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRi - Mito/ Under normal conditions of storage and use, Traffic/Motility Library (Amplified) hazardous reactions will not occur. SureGuide Mouse CRISPRa - Mito/ Under normal conditions of storage and use, Traffic/Motility Library (Amplified) hazardous reactions will not occur. SureGuide Mouse CRISPRi -Under normal conditions of storage and use. Gene Expression Library hazardous reactions will not occur. (Amplified) SureGuide Mouse CRISPRa -Under normal conditions of storage and use, hazardous reactions will not occur. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Under normal conditions of storage and use, hazardous reactions will not occur. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Under normal conditions of storage and use, hazardous reactions will not occur. Membrane Proteins Library (Amplified) No specific data.

10.4 Conditions to avoid

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

Genome Wide SubLib3 Library

No specific data.

SureGuide Human CRISPRi - No specific data.

Date of issue: 07/21/2023 137/170

(Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific data.

Date of issue: 07/21/2023 138/170

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi - No specific data.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ No specific data.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa -

Mito/Traffic/Motility Library

(Amplified)

SureGuide Mouse CRISPRi -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi - Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -Membrane Proteins Library

(Amplified)

Mouse CRISPRa - No specific data.

10.5 Incompatible materials

SureGuide Human CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa - Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa - Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRi -

May react or be incompatible with oxidizing

materials.

May react or be incompatible with oxidizing materials.

May react or be incompatible with oxidizing materials.

materiale.

May react or be incompatible with oxidizing materials.

May react or be incompatible with oxidizing materials.

May react or be incompatible with oxidizing materials.

May react or be incompatible with oxidizing

materials.

May react or be incompatible with oxidizing

Date of issue: 07/21/2023 139/170

and rodonvity	
Genome Wide SubLib2 Library	materials.
(Amplified)	May react or be incompatible with eviditing
SureGuide Mouse CRISPRi -	May react or be incompatible with oxidizing materials.
Genome Wide SubLib3 Library	materiais.
(Amplified)	May react or be incompatible with eviditing
SureGuide Mouse CRISPRa -	May react or be incompatible with oxidizing
Genome Wide SubLib1 Library	materials.
(Amplified)	NA
SureGuide Mouse CRISPRa -	May react or be incompatible with oxidizing
Genome Wide SubLib2 Library	materials.
(Amplified)	NA
SureGuide Mouse CRISPRa -	May react or be incompatible with oxidizing
Genome Wide SubLib3 Library	materials.
(Amplified)	Manager of an incommental by a side and distinct
SureGuide Human CRISPRi -	May react or be incompatible with oxidizing
Cancer/Apoptosis Library	materials.
(Amplified) SureGuide Human CRISPRa -	May react or be incompatible with eviditing
	May react or be incompatible with oxidizing materials.
Cancer/Apoptosis Library	materials.
(Amplified) SureGuide Human CRISPRi -	May react or be incompatible with eviditing
	May react or be incompatible with oxidizing materials.
Drug/Kinase/Phospotase Library	materials.
(Amplified) SureGuide Human CRISPRa -	May react or be incompatible with eviditing
	May react or be incompatible with oxidizing materials.
Drug/Kinase/Phospotase Library	materiais.
(Amplified) SureGuide Human CRISPRi -	May react or be incompatible with exidizing
	May react or be incompatible with oxidizing materials.
Stress/Proteostasis Library (Amplified)	materiais.
SureGuide Human CRISPRa -	May react or be incompatible with oxidizing
Stress/Proteostasis Library	materials.
(Amplified)	materiais.
	May react or be incompatible with oxidizing
Traffic/Motility Library (Amplified)	materials.
SureGuide Human CRISPRi - Mito/	
Traffic/Motility Library (Amplified)	materials.
SureGuide Human CRISPRi -	May react or be incompatible with oxidizing
Gene Expression Library	materials.
(Amplified)	
SureGuide Human CRISPRa -	May react or be incompatible with oxidizing
Gene Expression Library	materials.
(Amplified)	
SureGuide Human CRISPRi -	May react or be incompatible with oxidizing
Membrane Proteins Library	materials.
(Amplified)	
SureGuide Human CRISPRa -	May react or be incompatible with oxidizing
Membrane Proteins Library	materials.
(Amplified)	
SureGuide Mouse CRISPRi -	May react or be incompatible with oxidizing
Cancer/Apoptosis Library	materials.
(Amplified)	
SureGuide Mouse CRISPRa -	May react or be incompatible with oxidizing
Cancer/Apoptosis Library	materials.
(Amplified)	
	May react or be incompatible with oxidizing
Kinase/Phospotase Library	materials.
(Amplified)	
SureGuide Mouse CRISPRa -	May react or be incompatible with oxidizing
Drug/Kinase/Phospotase Library	materials.
(Amplified)	

Date of issue: 07/21/2023 **140/170**

SureGuide Mouse CRISPRi -May react or be incompatible with oxidizing Stress/Proteostasis Library materials. (Amplified) May react or be incompatible with oxidizing SureGuide Mouse CRISPRa -Stress/Proteostasis Library materials. (Amplified) SureGuide Mouse CRISPRi - Mito/ May react or be incompatible with oxidizing Traffic/Motility Library (Amplified) materials. SureGuide Mouse CRISPRa - Mito/ May react or be incompatible with oxidizing Traffic/Motility Library (Amplified) materials. SureGuide Mouse CRISPRi -May react or be incompatible with oxidizing Gene Expression Library materials. (Amplified) SureGuide Mouse CRISPRa -May react or be incompatible with oxidizing Gene Expression Library materials. (Amplified) SureGuide Mouse CRISPRi -May react or be incompatible with oxidizing Membrane Proteins Library materials. (Amplified) SureGuide Mouse CRISPRa -May react or be incompatible with oxidizing Membrane Proteins Library materials. (Amplified)

10.6 Hazardous decomposition products

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa - Genome Wide SubLib1Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib3 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRi -

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use,

Date of issue: 07/21/2023 141/170

Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRa -Cancer/Apoptosis Library (Amplified)

SureGuide Human CRISPRi -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Human CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Human CRISPRa -Stress/Proteostasis Library (Amplified)

Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi -Gene Expression Library (Amplified)

SureGuide Human CRISPRa -Gene Expression Library (Amplified)

SureGuide Human CRISPRi -Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa -Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi -Cancer/Apoptosis Library (Amplified)

SureGuide Mouse CRISPRa -Cancer/Apoptosis Library (Amplified)

Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRa -Drug/Kinase/Phospotase Library (Amplified)

SureGuide Mouse CRISPRi -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRa -Stress/Proteostasis Library (Amplified)

SureGuide Mouse CRISPRi - Mito/ Traffic/Motility Library (Amplified)

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureGuide Human CRISPRi - Mito/ Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureGuide Human CRISPRi - Mito/ Under normal conditions of storage and use, hazardous decomposition products should not be produced.

> Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureGuide Mouse CRISPRi - Drug/ Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureGuide Mouse CRISPRa - Mito/ Under normal conditions of storage and use, hazardous decomposition products should not be

Under normal conditions of storage and use,

07/21/2023 Date of issue: 142/170

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa - Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa - Membrane Proteins Library

(Amplified)

hazardous decomposition products should not be

produced.

Under normal conditions of storage and use, hazardous decomposition products should not be

produced.

Under normal conditions of storage and use, hazardous decomposition products should not be

produced.

Under normal conditions of storage and use, hazardous decomposition products should not be

produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Conclusion/Summary: Not available.

Carcinogenicity

Conclusion/Summary: Not available.

Reproductive toxicity

Conclusion/Summary: Not available.

Teratogenicity

Conclusion/Summary: Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure

: SureGuide Human CRISPRi -Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa - Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa -

Not available.

Not available.

Not available.

Not available.

Not available.

Not available.

Date of issue: 07/21/2023 **143/170**

Section 11. Toxicological information

Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -Not available. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Human CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -Not available. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Cancer/Apoptosis Library (Amplified)

Date of issue: 07/21/2023 144/170

(Amplified)

SureGuide Mouse CRISPRi - Drug/ Not available. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -Not available. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -Not available. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ Not available. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -Not available. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -Not available. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -Not available. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -Not available. Membrane Proteins Library

Potential acute health effects

Eye contact

SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified)

No known significant effects or critical hazards.

No known significant effects or critical hazards.

Date of issue: 07/21/2023 145/170

SureGuide Mouse CRISPRa -

SureGuide Mouse CRISPRa -

(Amplified)

Genome Wide SubLib1 Library

Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards.

Date of issue: 07/21/2023 **146/170**

Inhalation

Section 11. Toxicological information

_	giodi iiioiiiidaaaii	
	Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi - Gene Expression Library	No known significant effects or critical hazards.
	(Amplified) SureGuide Mouse CRISPRa - Gene Expression Library	No known significant effects or critical hazards.
	(Amplified) SureGuide Mouse CRISPRi - Membrane Proteins Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Membrane Proteins Library (Amplified)	No known significant effects or critical hazards.
:	SureGuide Human CRISPRi - Genome Wide SubLib1 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Genome Wide SubLib1Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRi - Genome Wide SubLib1 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRi - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
	Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -	No known significant effects or critical hazards.
	Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Drug/Kinase/Phospotase Library	THO KHOWIT SIGNINGAIN CHECKS OF CHILDRI HAZARUS.

Date of issue: 07/21/2023 **147/170**

(Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified)

Date of issue: 07/21/2023 148/170

Skin contact

: SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library

Date of issue: 07/21/2023 149/170

ogical information	
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Gene Expression Library	-
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Membrane Proteins Library	
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Membrane Proteins Library	
(Amplified)	
SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Cancer/Apoptosis Library	
(Amplified)	
	No known significant effects or critical hazards.
Kinase/Phospotase Library	
(Amplified) SureGuide Mouse CRISPRa -	No known significant offects or exiting beyonds
	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library	
(Amplified) SureGuide Mouse CRISPRi -	No known significant offsets or critical hazards
Stress/Proteostasis Library	No known significant effects or critical hazards.
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Stress/Proteostasis Library	
(Amplified)	
SureGuide Mouse CRISPRi - Mito/	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	-
	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified)	
SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Gene Expression Library	
(Amplified)	No known significant offects or suiting beyond
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Gene Expression Library	
(Amplified) SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Membrane Proteins Library	TWO KITOWIT SIGNIFICATION OF CHILD AT TIAZATUS.
(Amplified)	
SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Membrane Proteins Library	
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Genome Wide SubLib1 Library	
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Genome Wide SubLib2 Library	•
(Amplified)	
SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Genome Wide SubLib3 Library	
(Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib1Library	
(Amplified)	No known significant offects or critical begands
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib2 Library (Amplified)	
SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Tan Todad Trainian Ortion Ta	organisant on odo or orthodr nazardo.

Ingestion

Date of issue: 07/21/2023 150/170

Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified)

Date of issue: 07/21/2023 151/170

SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa - No known significant effects or critical hazards.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi - No known significant effects or critical hazards.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa - No known significant effects or critical hazards.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi - No known significant effects or critical hazards.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa - I

No known significant effects or critical hazards.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

No known significant effects or critical hazards.

No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : SureGuide Human CRISPRi - No specific data.

Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi - No specific data.

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi - No specific data.

Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa - No specific data.

Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa - No specific data.

Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa - No specific data.

Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -

Genome Wide SubLib1 Library

(Amplified)

SureGuide Mouse CRISPRi -

Genome Wide SubLib2 Library

(Amplified)

SureGuide Mouse CRISPRi -

Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRa -Genome Wide SubLib1 Library

(Amplified)

No specific data.

No specific data.

No specific data.

No specific data.

Date of issue: 07/21/2023 152/170

SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No specific data. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No specific data.

Date of issue: 07/21/2023 153/170

Inhalation

Section 11. Toxicological information

ogical information	
Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi - Gene Expression Library (Amplified)	No specific data.
SureGuide Mouse CRISPRa - Gene Expression Library	No specific data.
(Amplified) SureGuide Mouse CRISPRi - Membrane Proteins Library	No specific data.
(Amplified) SureGuide Mouse CRISPRa - Membrane Proteins Library (Amplified)	No specific data.
SureGuide Human CRISPRi - Genome Wide SubLib1 Library (Amplified)	No specific data.
SureGuide Human CRISPRi - Genome Wide SubLib2 Library (Amplified)	No specific data.
SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)	No specific data.
SureGuide Human CRISPRa - Genome Wide SubLib1Library (Amplified)	No specific data.
SureGuide Human CRISPRa - Genome Wide SubLib2 Library (Amplified)	No specific data.
SureGuide Human CRISPRa - Genome Wide SubLib3 Library (Amplified)	No specific data.
SureGuide Mouse CRISPRi - Genome Wide SubLib1 Library (Amplified)	No specific data.
SureGuide Mouse CRISPRi - Genome Wide SubLib2 Library (Amplified)	No specific data.
SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library (Amplified)	No specific data.
SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library (Amplified)	No specific data.
SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library (Amplified)	No specific data.
SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library (Amplified)	No specific data.
SureGuide Human CRISPRi - Cancer/Apoptosis Library (Amplified)	No specific data.
SureGuide Human CRISPRa - Cancer/Apoptosis Library (Amplified)	No specific data.
SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library (Amplified)	No specific data.
SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library	No specific data.

Date of issue: 07/21/2023 **154/170**

(Amplified)

SureGuide Human CRISPRi -

No specific data.

No specific data.

(Amplified)

SureGuide Human CRISPRa -

Stress/Proteostasis Library

Stress/Proteostasis Library

(Amplified)

SureGuide Human CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Human CRISPRi - No specific data.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRa - No specific data.

Gene Expression Library

(Amplified)

SureGuide Human CRISPRi - No specific data.

Membrane Proteins Library

(Amplified)

SureGuide Human CRISPRa - No specific data.

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRi - No specific data.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa - No specific data.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ No specific data.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa - No specific data.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi - No specific data.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

No specific data.

No specific data.

No specific data.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -Membrane Proteins Library No specific data.

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

No specific data.

Date of issue: 07/21/2023 155/170

Skin contact

: SureGuide Human CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library

Date of issue: 07/21/2023 156/170

Ingestion

Section 11. Toxicological information

(Amplified) SureGuide Human CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No specific data. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Membrane Proteins Library (Amplified) : SureGuide Human CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Human CRISPRa -No specific data.

Date of issue: 07/21/2023 157/170

Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No specific data. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No specific data. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No specific data. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No specific data. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No specific data. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No specific data. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No specific data. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No specific data.

Date of issue: 07/21/2023 158/170

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -No specific data.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ No specific data.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -No specific data.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi -

Membrane Proteins Library

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

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

General

: SureGuide Human CRISPRi -

Genome Wide SubLib1 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRi -Genome Wide SubLib3 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib1Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib2 Library

(Amplified)

SureGuide Human CRISPRa -Genome Wide SubLib3 Library

(Amplified)

SureGuide Mouse CRISPRi -Genome Wide SubLib1 Library No known significant effects or critical hazards.

07/21/2023 Date of issue: 159/170

giodi illioillidioil	
(Amplified) SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
Genome Wide SubLib2 Library (Amplified)	Ç
SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib1 Library (Amplified)	
SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Cancer/Apoptosis Library (Amplified)	No known significant offsets or critical howards
SureGuide Human CRISPRa - Cancer/Apoptosis Library (Amplified)	No known significant effects or critical hazards.
SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Drug/Kinase/Phospotase Library (Amplified)	
SureGuide Human CRISPRi - Stress/Proteostasis Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRa - Stress/Proteostasis Library	No known significant effects or critical hazards.
(Amplified)	No known significant effects or critical hazards.
	No known significant effects or critical hazards.
Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -	No known significant effects or critical hazards.
Gene Expression Library (Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Gene Expression Library (Amplified)	THO KHOWH SIGNIFICANT ENECTS OF CHICAN NAZARUS.
SureGuide Human CRISPRi - Membrane Proteins Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Membrane Proteins Library (Amplified)	No los como simuitirs est affecte an existing beauty
SureGuide Mouse CRISPRi - Cancer/Apoptosis Library (Amplified)	No known significant effects or critical hazards.
SureGuide Mouse CRISPRa - Cancer/Apoptosis Library	No known significant effects or critical hazards.
Kinase/Phospotase Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.

Date of issue: 07/21/2023 **160/170**

Carcinogenicity

Section 11. Toxicological information

IC	gical information	
	Drug/Kinase/Phospotase Library	
	(Amplified) SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
	Stress/Proteostasis Library	
	(Amplified)	
	SureGuide Mouse CRISPRa - Stress/Proteostasis Library	No known significant effects or critical hazards.
	(Amplified)	
	SureGuide Mouse CRISPRi - Mito/	No known significant effects or critical hazards.
	Traffic/Motility Library (Amplified)	
	Traffic/Motility Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
	Gene Expression Library	•
	(Amplified) SureGuide Mouse CRISPRa -	No known significant offsets or critical hazards
	Gene Expression Library	No known significant effects or critical hazards.
	(Amplified)	
	SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
	Membrane Proteins Library	
	(Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
	Membrane Proteins Library	TWO KITOWIT SIGNIFICANT CHOOLS OF SHIROUT HAZZINGS.
	(Amplified)	
ŧ	SureGuide Human CRISPRi -	No known significant effects or critical hazards.
	Genome Wide SubLib1 Library	
	(Amplified) SureGuide Human CRISPRi -	No known significant effects or critical hazards.
	Genome Wide SubLib2 Library	The fare and any englished of antique fluctuation
	(Amplified)	
	SureGuide Human CRISPRi -	No known significant effects or critical hazards.
	Genome Wide SubLib3 Library (Amplified)	
	SureGuide Human CRISPRa -	No known significant effects or critical hazards.
	Genome Wide SubLib1Library	-
	(Amplified) SureGuide Human CRISPRa -	No known significant offsets or critical bazards
	Genome Wide SubLib2 Library	No known significant effects or critical hazards.
	(Amplified)	
	SureGuide Human CRISPRa -	No known significant effects or critical hazards.
	Genome Wide SubLib3 Library	
	(Amplified) SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
	Genome Wide SubLib1 Library	The fare and any englished of antique fluctuation
	(Amplified)	
	SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
	Genome Wide SubLib2 Library (Amplified)	
	SureGuide Mouse CRISPRi -	No known significant effects or critical hazards.
	Genome Wide SubLib3 Library	-
	(Amplified) SureGuide Mouse CRISPRa -	No known significant offsets or critical bezords
	Genome Wide SubLib1 Library	No known significant effects or critical hazards.
	(Amplified)	
	SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
	Genome Wide SubLib2 Library	
	(Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
	Genome Wide SubLib3 Library	e.geart erreste er erreste erre
	(Amplified)	

Date of issue: 07/21/2023 **161/170**

SureGuide Human CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards.

Date of issue: 07/21/2023 162/170

Mutagenicity

Section 11. Toxicological information

_	giodi iiiioiiiidiioii	
	Gene Expression Library (Amplified)	
	SureGuide Mouse CRISPRi - Membrane Proteins Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Membrane Proteins Library (Amplified)	No known significant effects or critical hazards.
:	SureGuide Human CRISPRi - Genome Wide SubLib1 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Genome Wide SubLib1Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRi - Genome Wide SubLib1 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRi - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Cancer/Apoptosis Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Cancer/Apoptosis Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRi - Stress/Proteostasis Library (Amplified)	No known significant effects or critical hazards.
	SureGuide Human CRISPRa -	No known significant effects or critical hazards.

Date of issue: 07/21/2023 **163/170**

Stress/Proteostasis Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Human CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Human CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Cancer/Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards. Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Drug/Kinase/Phospotase Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Stress/Proteostasis Library (Amplified) SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards. Traffic/Motility Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Gene Expression Library (Amplified) SureGuide Mouse CRISPRi -No known significant effects or critical hazards. Membrane Proteins Library (Amplified) SureGuide Mouse CRISPRa -No known significant effects or critical hazards. Membrane Proteins Library (Amplified)

Reproductive toxicity

(Amplified)
 SureGuide Human CRISPRi Genome Wide SubLib1 Library
(Amplified)
 SureGuide Human CRISPRi Genome Wide SubLib2 Library
(Amplified)
 SureGuide Human CRISPRi Genome Wide SubLib3 Library
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.

Date of issue: 07/21/2023 164/170

ogioai iiiioiiiiatioii	
(Amplified) SureGuide Human CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib1Library (Amplified)	
SureGuide Human CRISPRa - Genome Wide SubLib2 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRa - Genome Wide SubLib3 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib1 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib2 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library	No known significant effects or critical hazards.
(Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRa -	No known significant effects or critical hazards.
Genome Wide SubLib3 Library (Amplified)	-
SureGuide Human CRISPRi - Cancer/Apoptosis Library (Amplified)	No known significant effects or critical hazards.
SureGuide Human CRISPRa - Cancer/Apoptosis Library (Amplified)	No known significant effects or critical hazards.
SureGuide Human CRISPRi - Drug/Kinase/Phospotase Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRa - Drug/Kinase/Phospotase Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRi - Stress/Proteostasis Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRa - Stress/Proteostasis Library	No known significant effects or critical hazards.
(Amplified)	No known significant effects or critical hazards.
	No known significant effects or critical hazards.
SureGuide Human CRISPRi - Gene Expression Library (Amplified)	No known significant effects or critical hazards.
SureGuide Human CRISPRa - Gene Expression Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRi - Membrane Proteins Library	No known significant effects or critical hazards.
(Amplified) SureGuide Human CRISPRa - Membrane Proteins Library	No known significant effects or critical hazards.

Date of issue: 07/21/2023 **165/170**

(Amplified)

SureGuide Mouse CRISPRi -

No known significant effects or critical hazards.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRa -

No known significant effects or critical hazards.

Cancer/Apoptosis Library

(Amplified)

SureGuide Mouse CRISPRi - Drug/ No known significant effects or critical hazards.

Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRa -

No known significant effects or critical hazards.

Drug/Kinase/Phospotase Library

(Amplified)

SureGuide Mouse CRISPRi -

No known significant effects or critical hazards.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRa -

No known significant effects or critical hazards.

Stress/Proteostasis Library

(Amplified)

SureGuide Mouse CRISPRi - Mito/ No known significant effects or critical hazards.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/ No known significant effects or critical hazards.

Traffic/Motility Library (Amplified)

SureGuide Mouse CRISPRi -

No known significant effects or critical hazards.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRa -

No known significant effects or critical hazards.

Gene Expression Library

(Amplified)

SureGuide Mouse CRISPRi - Membrane Proteins Library

No known significant effects or critical hazards.

(Amplified)

SureGuide Mouse CRISPRa -

Membrane Proteins Library

(Amplified)

No known significant effects or critical hazards.

Numerical measures of toxicity Acute toxicity estimates

N/A

Section 12. Ecological information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Date of issue: 07/21/2023 166/170

Soil/water partition coefficient (Koc)

: Not available.

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

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal methods

The generation of waste should be avoided or minimized 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. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

DOT / TDG / Mexico / IMDG / : Not regulated. **IATA**

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.

Transport in bulk according: Not available.

to IMO instruments

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

: TSCA 8(a) CDR Exempt/Partial exemption: Not determined **U.S. Federal regulations**

Clean Water Act (CWA) 311: Edetic acid

Clean Air Act Section 112

(b) Hazardous Air **Pollutants (HAPs)** : Not listed

Clean Air Act Section 602

Class I Substances

: Not listed

Clean Air Act Section 602

: Not listed

Class II Substances

07/21/2023 Date of issue: 167/170

Section 15. Regulatory information

DEA List I Chemicals (Precursor Chemicals)

: Not listed

DEA List II Chemicals (Essential Chemicals)

: Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ

: Not applicable.

SARA 311/312

Classification

: SureGuide Human CRISPRi - Genome Wide SubLib1 Library (Amplified) SureGuide Human CRISPRi - Genome

Wide SubLib2 Library (Amplified) SureGuide Human CRISPRi - Genome Wide SubLib3 Library (Amplified)

SureGuide Human CRISPRa - Genome Wide SubLib1Library (Amplified) SureGuide Human CRISPRa - Genome Wide SubLib2 Library (Amplified)

SureGuide Human CRISPRa - Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRi - Genome

Wide SubLib1 Library (Amplified) SureGuide Mouse CRISPRi - Genome

Wide SubLib2 Library (Amplified) SureGuide Mouse CRISPRi - Genome Wide SubLib3 Library (Amplified) SureGuide Mouse CRISPRa - Genome Wide SubLib1 Library (Amplified)

SureGuide Mouse CRISPRa - Genome Wide SubLib2 Library (Amplified)

SureGuide Mouse CRISPRa - Genome Wide SubLib3 Library (Amplified) SureGuide Human CRISPRi - Cancer/

Apoptosis Library (Amplified) SureGuide Human CRISPRa - Cancer/ Apoptosis Library (Amplified)

SureGuide Human CRISPRi - Drug/Kinase/ Phospotase Library (Amplified)

SureGuide Human CRISPRa - Drug/Kinase/ Not applicable. Phospotase Library (Amplified)

SureGuide Human CRISPRi - Stress/ Proteostasis Library (Amplified) SureGuide Human CRISPRa - Stress/ Proteostasis Library (Amplified)

SureGuide Human CRISPRi - Mito/Traffic/ Motility Library (Amplified)

SureGuide Human CRISPRi - Mito/Traffic/ Motility Library (Amplified)

SureGuide Human CRISPRi - Gene Expression Library (Amplified) SureGuide Human CRISPRa - Gene Expression Library (Amplified)

SureGuide Human CRISPRi - Membrane Proteins Library (Amplified)

SureGuide Human CRISPRa - Membrane Proteins Library (Amplified)

SureGuide Mouse CRISPRi - Cancer/ Apoptosis Library (Amplified) SureGuide Mouse CRISPRa - Cancer/

Apoptosis Library (Amplified) SureGuide Mouse CRISPRi - Drug/Kinase/

Phospotase Library (Amplified) SureGuide Mouse CRISPRa - Drug/Kinase/

Phospotase Library (Amplified) SureGuide Mouse CRISPRi - Stress/ Proteostasis Library (Amplified) SureGuide Mouse CRISPRa - Stress/ Proteostasis Library (Amplified) ase/ Not applicable.

Date of issue: 07/21/2023 168/170

Section 15. Regulatory information

SureGuide Mouse CRISPRi - Mito/Traffic/

Motility Library (Amplified)

SureGuide Mouse CRISPRa - Mito/Traffic/

Motility Library (Amplified)

SureGuide Mouse CRISPRi - Gene Expression Library (Amplified) SureGuide Mouse CRISPRa - Gene

Expression Library (Amplified)

SureGuide Mouse CRISPRi - Membrane

Proteins Library (Amplified)

SureGuide Mouse CRISPRa - Membrane

Proteins Library (Amplified)

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts: None of the components are listed.New York: None of the components are listed.New Jersey: None of the components are listed.Pennsylvania: None of the components are listed.

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

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 : All components are listed or exempted.

Japan : Japan inventory (CSCL): Not determined.

Japan inventory (ISHL): All components are listed or exempted.

New Zealand : All components are listed or exempted.

Philippines : Not determined.

Republic of Korea : Not determined.

Taiwan : All components are listed or exempted.

Thailand : Not determined.

Turkey : Not determined.

United States: All components are active or exempted.

Viet Nam : Not determined.

Date of issue: 07/21/2023 169/170

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
Not classified.	

History

Date of issue/Date of

revision

Date of previous issue : 01/06/2020

Version : 3

Key to abbreviations : 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)

N/A = Not available UN = United Nations

▼ Indicates information that has changed from previously issued version.

: 07/21/2023

Notice to reader

Disclaimer: The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

Date of issue: 07/21/2023 170/170