

DISCOVER MORE WITH GREATER EFFICIENCY SURESELECT HUMAN ALL EXON V4 AND V4+UTRS

From the Leader in
NGS Target Enrichment

Highlights

- Most up-to-date content for enhanced capture of SNPs, mutations, and indels
- Highest uniformity and lowest sequencing per exome
- Streamlined workflows for greater cost efficiency

Summary

Agilent SureSelect Human All Exon V4 and V4+UTRs have been updated to provide comprehensive coverage of the major genome databases, including CCDS, RefSeq, and GENCODE. They deliver the highest uniformity.

The Human All Exon V4 selectively targets coding exons and requires only 4Gb of sequencing. The V4+UTRs targets coding exons plus UTRs and requires only 6Gb of sequencing. Both designs are also available with post- or pre-capture pooling for high-quality results and streamlined workflows.

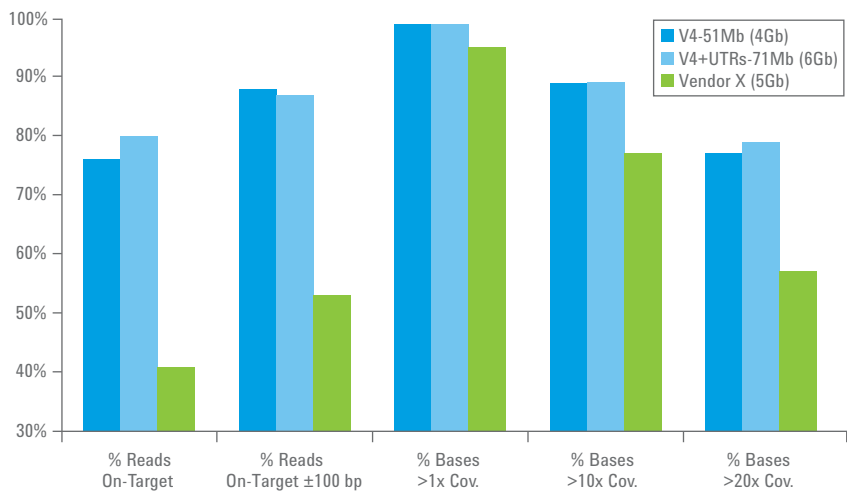


Figure 1. The Human All Exon V4 and V4+UTRs demonstrate increased performance and greater uniformity as compared to a competitor. Post-capture pooling protocols provide outstanding coverage of the targeted regions.



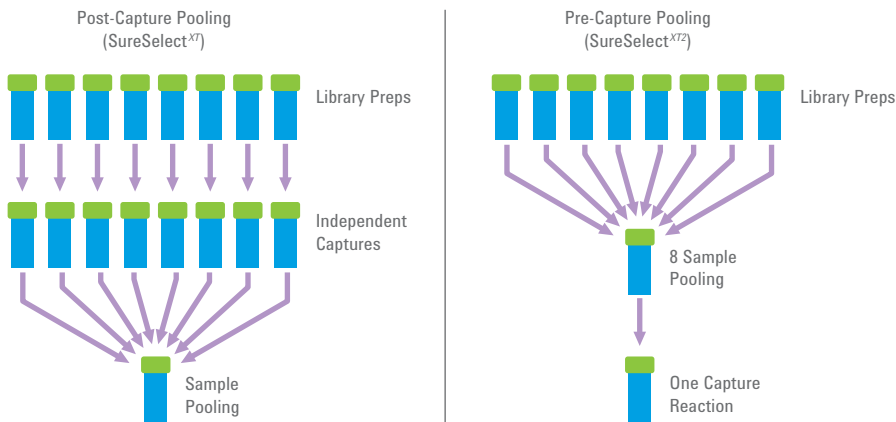
Comprehensive and Updated Design

SureSelect Human All Exon V4 and V4+UTRs have been designed to target updated versions of the genomic databases, providing comprehensive coverage of the coding regions and UTRs.

	Parameter	All Exon V4	All Exon V4+UTRs
Design Details	Target Size	51Mb	71Mb
	# Genes	20,965	20,965
	# Targeted Exons	334,378	335,765
	Plus Option	Yes	Yes
Design Databases	CCDS Version	March 2011	March 2011
	RefSeq Version	March 2011	March 2011
	GENCODE Version	v6	v6
	miRBase	v17	v17
	TCGA	v6	v6
	UCSC	March 2011	March 2011
Workflow Details	Hyb. Time	1x24hrs	1x24hrs
	Amount of Seq. Required	4Gb	6Gb

The Right Workflow

SureSelect Human All Exon V4 and V4+UTRs are available with both post-capture and pre-capture protocols. Post-capture pooling provides the highest quality results and pre-capture pooling provides the most efficient workflow.



www.agilent.com/genomics/sureselect

For Research Use Only. Not for use in diagnostic procedures.
This information is subject to change without notice.

PR7000-0428

© Agilent Technologies, Inc. 2012, 2016

Published in the USA, April 14, 2016

5990-9857EN

