



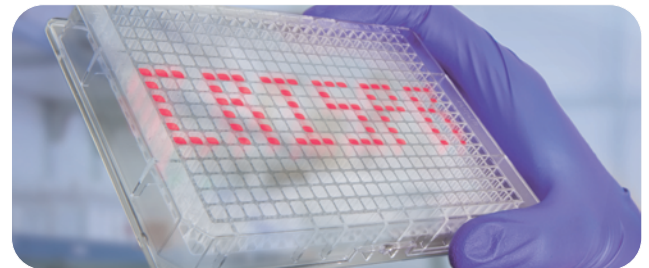
Dharmacon Edit-R CRISPR-Cas9 screening libraries: Robust, reliable, and reproducible gene knockout.

Benefit from functional and specific targeting for high-confidence gene knockout results

- All Dharmacon™ Edit-R™ guide RNAs are predesigned with our validated Edit-R algorithm—no time spent designing your own!

Harness the power of arrayed CRISPR screens for complex, multiparametric, or high-content phenotypes

- Gain deeper insight into your biology with one-well-per-gene capability
- Easily stratify your hits with multiple data points per gene to focus your efforts on the most promising first—get to publication or the clinic faster!



Simplify large screens with pooled lentiviral sgRNA libraries for highly multiplexed experiments

- Delivery to almost any cell type, even those refractory to transfection, with high functional titers and generous volumes of purified, concentrated lentiviral particles
- Validated protocols and experimental guidelines support you from start to finish

Dharmacon Edit-R lentiviral sgRNA arrayed libraries

Human		
Arrayed	# Genes	Catalog #
Dharmacon Edit-R—Druggable Genome	7826	GSGH11761
Dharmacon Edit-R—Drug Targets	3737	GSGH11848
Dharmacon Edit-R—GPCR	381	GSGH11763
Dharmacon Edit-R—Ion Channels	348	GSGH11764
Dharmacon Edit-R—Phosphatases	253	GSGH11767
Dharmacon Edit-R—Proteases	478	GSGH11768
Dharmacon Edit-R—Protein Kinases	698	GSGH11769
Dharmacon Edit-R—Transcription Factors	1507	GSGH11855
Dharmacon Edit-R—Ubiquitin Conjugation	583	GSGH11772

Arrayed

- Up to four unique sgRNA designs per gene, arrayed in 96-well plates
- Gene family collections; use individually or pool them to create custom lentiviral screening libraries

Custom CRISPR libraries

- Use the Dharmacon cherry-pick library tool to build and order a custom gene editing library
- Synthetic crRNA, synthetic sgRNA, and lentiviral sgRNA formats available

Dharmacon Edit-R lentiviral sgRNA pooled libraries

Human			Mouse	
Pooled	# Genes	Catalog #	# Genes	Catalog #
Dharmacon Edit-R—Whole Genome	18,525	VSGH11113	19,683	VSGM11135
Dharmacon Edit-R—Druggable Genome	7359	VSGH11112	9827	VSGM11134
Dharmacon Edit-R—GPCR	378	VSGH11106	498	VSGM11128
Dharmacon Edit-R—Ion Channels	345	VSGH11108	340	VSGM11130
Dharmacon Edit-R—Protein Kinases	700	VSGH11105	708	VSGM11127
Dharmacon Edit-R—Phosphatases	247	VSGH11107	269	VSGM11129
Dharmacon Edit-R—Proteases	473	VSGH11109	533	VSGM11131
Dharmacon Edit-R—Ubiquitin Conjugation	564	VSGH11110	517	VSGM11132

Pooled

- Deep coverage with 5–10 sgRNAs per gene
- Validated experimental and bioinformatics analysis protocols to enable your success
- Can be combined with the promoter flexibility of Dharmacon Edit-R Lentiviral Cas9 Nuclease Reagents for robust editing

Actual gene count may vary slightly.



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