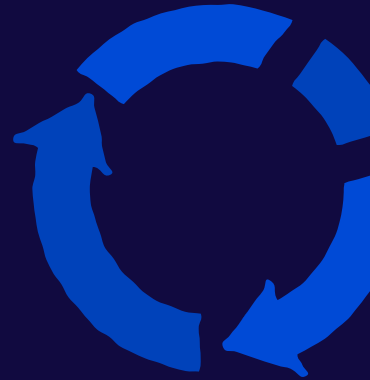




CRISPR Pooled Libraries

Screen smarter. Discover more.

From tens to millions of plasmids in a single tube, all sharing a common backbone and differing only in a small region. Use them for forward genetic screens, cell lineage tracking, and more.



250+ libraries for diverse CRISPR applications
Knockout · Activation · Inhibition · Base Editing · Prime Editing

We make it easy to get started and succeed

Selection tools

Find the right library faster.
Use our intuitive online tools
to guide your library selection.

Library Type	Species	Selectable Marker	Library Size	Viral Prep Available
☐ Activation	☐ Human	☐ Blasticidin	☐ Genome-wide	☐ Yes
☐ Knockout	☐ Mouse	☐ GFP	☐ Subpool	☐ No
☐ Inhibition	☐ Fly	☐ Puromycin		
☐ Base Editing	☐ Yeast	☐ TagBFP		
☐ Prime Editing	☐ <i>E. coli</i>	☐ Other		
☐ Other	☐ Other			

Clear Filters

Scientific Support

Here when you need us

Our expert Scientific Applications team is ready to help you select a library, troubleshoot issues, and connect you with new resources. Contact help@addgene.org for assistance.



Ashley Waldron, PhD



Brian O'Neill, PhD



Hannah Dotson, PhD



Matt Ouellette, PhD



Nyla Naim, PhD

Start your next experiment at addgene.org/pooled-library/#crispr



Featured CRISPR Pooled Libraries

	LIBRARY NAME	DESCRIPTION	SPECIES	DEPOSITING LAB(S)
Knockout	Jacquere*	Optimized for genome-wide knockout screening	Human	David Root, John Doench
	Julianna*	Optimized for genome-wide knockout screening	Mouse	David Root, John Doench
	Inzolia CRISPR/Cas12a Multiplex	Targets single genes and paralog pairs, triples, and quads with arrays of four gRNAs	Human	John Doench
	Epigenetic Knockout	Targets epigenetic genes	Human	Kivanc Birsoy
	ACER	Targets 748 epigenetic regulators	Human	Rui Lu
	Metabolic Gene Knockout	Targets 2,981 metabolic genes	Human	David Sabatini
	Transcription Factor Knockout	Targets 1,639 transcription factors	Human	Chunliang Li
Activation	Calabrese*	Commonly used for genome-wide activation screening	Human	David Root, John Doench
	CRISPRa-v2	Commonly used for genome-wide activation screening	Human, Mouse	Jonathan Weissman
	Membrane Protein Activation	Targets the promoters of genes that encode membrane associated protein isoforms	Human	Gavin Wright
	Metabolic Gene CRISPRa	Targets metabolic genes	Human, Mouse	Kivanc Birsoy
	FNLCR CRISPRa Cell Surface	Targets cell surface proteins, soluble factors, and non-targeting controls	Human	Raj Chari
	mTF-CRISPRai	Targets transcription factors; can be used for both activation and inhibition	Mouse	Stanley Qi
Inhibition	Dolomiti	Commonly used for genome-wide inhibition screening	Mouse	David Root, John Doench
	Dual sgRNA CRISPRi	Ultra-compact, genome-wide, uses a single element encoding a dual sgRNA cassette	Human	Jonathan Weissman
	DNA Repair CRISPRi	Targets factors involved in DNA repair and associated processes	Human	Britt Adamson
	sgRNA for Pseudomonas aeruginosa PA14	Designed for inducible, genome-wide gene repression	P. aeruginosa	Xue Liu
Base Edit	Base Editing Sensor	Targets frequently occurring cancer-associated mutations and all 64 possible PAM sequences	Human, Mouse	Lukas Dow
	Cytosine Base Editing	Genome-wide loss-of-function for fitness and drug resistance screens	L. mexicana	Tom Beneke
Prime Edit	epgRNA	Used to assess prime editing-induced dropout phenotypes or efficiency	Human, Mouse	Britt Adamson
	PEtracer	Prime editing based lineage tracing system	Human, Mouse	Jonathan Weissman

* Available as a lentiviral preparation

Explore the full collection at
addgene.org/pooled-library/#crispr



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