

I. Genome Edited Animal Models: CRISPR-based Mouse and Rat, Conventional Transgenics, mouse ES cell microinjection

Cost for animal models includes the generation of confirmed F1 transmission animals from selected edited founders. Base rates are listed for commonly used genomic background strains - C57BL6, CD1 for mice, and SAS (Sprague Dawley) for rats. Additional charges may apply if different strains than those listed are used. Rates are calculated for a fixed number of embryos, founders and F1 offspring per project, if that number is exceeded additional charges will apply.

Service ID	Description	Design	Molecular Services	CRISPR Reagents	Animal Costs Mouse (B6)	Animal Costs Rat (SAS)	Founder Analysis + Reporting	Mouse F1 Base Rate	Rat F1 Base Rate	Total Cost MOUSE	Total Cost RAT
C1KO-M/R	CRISPR KO	\$166.31	\$453.49	\$207.73	\$1,943.06	\$3,121.97	\$895.58	\$1,206.77	\$1,495.44	\$4,872.94	\$6,340.52
C2SM-M/R	CRISPR SM <120bp, SNP, Deletions	\$241.66	\$547.49	\$207.73	\$1,943.06	\$3,746.37	\$1,095.40	\$1,206.77	\$1,495.44	\$5,242.11	\$7,334.09
C3CK-M/R	CRISPR Conditional KO	\$407.97	\$1,258.09	\$425.18	\$3,758.49	\$5,567.50	\$2,204.75	\$1,599.62	\$1,843.05	\$9,654.11	\$11,706.55
C4KI1-M/R	CRISPR KI (large insertion) 120bp - 1kb	\$483.33	\$1,011.83	\$212.59	\$3,758.49	\$5,567.50	\$1,474.39	\$1,375.14	\$1,843.05	\$8,315.78	\$10,592.70
C4KI2-M/R	CRISPR KI (large insertion) 1kb - 3kb	\$634.04	\$1,489.14	\$212.59	\$3,758.49	\$5,567.50	\$1,700.52	\$1,599.62	\$1,704.01	\$9,394.40	\$11,307.80
C4KI3-M/R	CRISPR KI (large insertion) >3kb	\$1,086.17	\$3,361.17	\$217.46	\$4,913.90	\$5,567.50	\$2,379.85	\$2,048.60	\$1,982.10	\$14,007.14	\$14,594.25
TG-M/R	Conventional Transgenic	\$1,312.23	\$3,305.73	n/a	\$3,602.65	\$5,377.79	\$1,075.79	\$1,425.91	\$1,425.91	\$10,722.31	\$12,497.45
ESM-M/R	Microinjection of ES cells (clone expansion and microinjection of up to 3 clones)	n/a	n/a	n/a	\$4,102.45	\$5,829.00	\$699.01	\$1,425.91	\$1,425.91	\$6,227.38	\$7,953.93