

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

Base internal rates are listed for commonly used genomic background strains - C57BL/6, FVB/N, 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 or founders per project, if that number is exceeded additional charges may apply.

| Service ID | Description | Design | Molecular Services | CRISPR Reagents | Animal Costs Mouse (B6) | Animal Costs Rat (SAS) | Founder Analysis | Reporting | Total Cost MOUSE | Total Cost RAT |
|-------------------|--|------------|--------------------|-----------------|-------------------------|------------------------|------------------|-----------|--------------------|--------------------|
| C1KO-M/R | CRISPR KO base rate for B6 background | \$147.25 | | \$240.10 | \$1,713.38 | \$2,606.54 | \$811.14 | \$203.76 | \$3,115.64 | \$4,008.79 |
| C2SM-M/R | CRISPR SM <120bp, SNP, Deletions | \$215.18 | \$125.60 | \$279.70 | \$1,713.38 | \$3,127.84 | \$811.14 | \$271.68 | \$3,416.68 | \$4,831.14 |
| C3CK1-M/R | CRISPR Conditional KO (LoxPs <3kb apart) | \$362.43 | \$1,485.41 | \$480.19 | \$5,078.81 | \$6,866.84 | \$1,795.55 | \$407.53 | \$9,609.91 | \$11,397.95 |
| C3CK2-M/R | CRISPR Conditional KO (LoxPs >3kb apart) | \$362.43 | \$2,198.64 | \$480.19 | \$5,078.81 | \$6,866.84 | \$2,013.81 | \$543.37 | \$10,677.26 | \$12,465.29 |
| C4KI1-M/R | CRISPR KI (large insertion) 120bp - 1kb | \$430.35 | \$697.89 | \$240.10 | \$3,771.73 | \$5,112.32 | \$1,374.98 | \$339.61 | \$6,854.65 | \$8,195.24 |
| C4KI2-M/R | CRISPR KI (large insertion) 1kb - 3kb | \$566.19 | \$1,107.07 | \$240.10 | \$3,771.73 | \$5,112.32 | \$1,389.98 | \$407.53 | \$7,482.60 | \$8,823.19 |
| C4KI3-M/R | CRISPR KI (large insertion) >3kb | \$973.72 | \$2,500.18 | \$240.10 | \$3,771.73 | \$5,112.32 | \$1,608.24 | \$543.37 | \$9,637.34 | \$10,977.93 |
| C5SFTG-M/R | CRISPR Safer Harbor Transgene Knockin | \$1,517.09 | \$3,575.95 | \$240.10 | \$5,078.81 | \$6,866.84 | \$1,608.24 | \$543.37 | \$12,563.56 | \$14,351.59 |
| TG-M/R | Conventional Transgenic | \$1,177.48 | \$3,363.98 | | \$3,786.22 | \$5,125.95 | \$1,216.71 | \$543.37 | \$10,087.77 | \$11,427.50 |
| ESM-M/R | Microinjection of ES cells (includes clone expansion and microinjection of up to 3 clones) | | | | \$4,127.51 | \$5,362.05 | \$1,216.71 | \$203.76 | \$5,547.99 | \$6,782.53 |