**Background Information**

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| Strain Number | T005148 |
| Strain Name | B6/JNju-Btrcem1Cflox/Gpt |
| Used name | HOS; FWD1; Fbw1a; Slimb; b-TrCP; beta-TrCP; Beta-Trcp1; SCF b-TRCP; E3RSIkappaB; E3RS-IkappaB |
| Common name | Btrc |
| Complete time | 2019/2/27 |
| Strain Type | Conditional Knock out Cas9 |
| origin | Gempharmatech |
| Background | C57BL/6J |
| Algebra | F1 |
| appearance | Black |
| Related geneS | Btrc |
| genotype | Fl/wt |
| Provided genotype | Heterozygote |
| Targeting Strategy |  |
| sgRNA | TCTGTGCGTCACCATAGGTT AGG CAGAGCTTCGTAGGAACGAC GGG  |
| Breeding method（♂x♀） |  |
| status | frozen |
| Genotyping | PCR+Sequence |
| Special feeding conditions | None |
| feed | SPF |
| maternal instinct | general |
| Strain description | Embryonic fibroblasts from homozygotes show an increase in polyploidy and apoptosis and decreased cell proliferation. In a second allele, homozygous mutation results in reduced male fertility and abnormal male meiosis with oligozoospermia. |
| Research areas | Reproductive system |
| Reference |  |