**Background Information**

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| Strain Number | T005129 |
| Strain Name | B6/JNju-Ube2aem1Cflox/Gpt |
| Used name | HR6A; HHR6A; Mhr6a |
| Common name | Ube2a |
| Complete time | 2019/2/26 |
| Strain Type | Conditional Knock out Cas9 |
| origin | Gempharmatech |
| Background | C57BL/6J |
| Algebra | F1 |
| appearance | Black |
| Related geneS | Ube2a |
| genotype | Fl/wt |
| Provided genotype | Heterozygote |
| Targeting Strategy |  |
| sgRNA | CTTGGCAAGTTATGGTCATC AGG AGGGTACTTAAACCTCATTG TGG |
| Breeding method（♂x♀） |  |
| status | frozen |
| Genotyping | PCR+Sequence |
| Special feeding conditions | None |
| feed | SPF |
| maternal instinct | general |
| Strain description | Homozygous mutation of this gene results in decreased body weight. Females are infertile while males show partial prenatal lethality. |
| Research areas | Developmental Biology |
| Reference |  |