**Background Information**

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| Strain Number | T005154 |
| Strain Name | B6/JNju-Kdm2bem1Cflox/Gpt |
| Used name | Cxxc2; Fbl10; PCCX2; Fbxl10; Jhdm1b |
| Common name | Kdm2b |
| Complete time | 2019/2/27 |
| Strain Type | Conditional Knock out Cas9 |
| origin | Gempharmatech |
| Background | C57BL/6J |
| Algebra | F0+F1 |
| appearance | Black |
| Related geneS | Kdm2b |
| genotype | Fl/wt |
| Provided genotype | Heterozygote |
| Targeting Strategy |  |
| sgRNA | GGCACGGTACTGAGAGAAAT GGG TGCTGTAGTTTGCAGGGCAT AGG  |
| Breeding method（♂x♀） |  |
| status | frozen |
| Genotyping | PCR+Sequence |
| Special feeding conditions | None |
| feed | SPF |
| maternal instinct | general |
| Strain description | Mice homozygous for a targeted allele that does not express the long form protein exhibit exencephaly, fetal and postnatal lethality, coloboma, curly tail, oligozoospermia, increased apoptosis, and increased neuronal precursor proliferation. |
| Research areas | Developmental Biology |
| Reference |  |