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| --- | --- | --- |
| **Gene** | **Allele designation** | **Mutant allele description** |
| *Obp8a* | *Obp8aΔ390* | 390 bp deletion in exon 2 between gRNA 1 + 3 (95% of non-signal peptide sequence) |
| *Obp22a* | *Obp22aΔ257* | 257 bp deletion in exon 2 between gRNA 1 + 3 (86% of non-signal peptide sequence) |
| *Obp51a* | *Obp51aΔ16* | 16 bp deletion in middle of signal peptide region of exon 1 within gRNA 1 site (predicted frameshift and early stop codon) |
| *Obp56e* | *Obp56eΔ239* | 239 bp deletion in exon 2 between gRNA 1 + 3 (69% of non-signal peptide sequence) |
| *Obp56f* | *Obp56fΔ226* | 226 bp deletion in exon 2 between gRNA 2 + 3 (67% of non-signal peptide sequence + 13 bp into 3’ UTR) |
| *Obp56g* | *Obp56gΔ333* | 333 bp deletion in exon 2 between gRNA 1 + 3 (95% of non-signal peptide sequence + 7 bp into 3’ UTR) |
| *Obp56i* | *Obp56iΔ359* | 359 bp deletion in exon 2 between gRNA 1 + 3 (98% of non-signal peptide sequence)  |

**Table S4 (Supplementary file 4)**: CRISPR mutant allele summary for each *Obp* gene.