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| **Mice probes** | **Sequence** |
| Gpr149 null allele 5’ Guide ribonucleotides sequence | 5’- UUAUAACUGGUCACCUAUGUGUUUUAGAGCUAUGCU -3’ |
| Gpr149 null allele 3’ ribonucleotide sequence | 5’- UUGGUAGUUAACGAGACCCCGUUUUAGAGCUAUGCU-3’ |
| Null allele genotyping probes | 5’-GCTGCTTGTAATGTGTGCAGAGAG -3’  5’-GTCTACTCATGGCAGACCAAAGTAATGG-3’  5’- GTCTCTTGGTGCTAGAGATGGGTG-3’ |
| Cre-P2A-Gpr149 guide | 5’-AAGUCAUAAUUCUACGGAGAGUUUUAGAGCUAUGCU-3’ |
| **Taqman assays** | **Cat#** |
| Gpr149 | Mm00805216\_m1 |
| 18s | Hs99999901\_s1 |
| **RNAscope probe** | **Target region** |
| Gpr149 probe | 1436 – 2360 |