**Supplementary file 1a. Primer sequences for genotype**

|  |  |  |
| --- | --- | --- |
| Genes | Sequence | Size  |
| *Ogtfl/fl* | Forward CATCTCTCCAGCCCCACAAACTG | WT 332 bp,  |
|  | Reverse GACGAAGCAGGAGGGGAGAGCAC | Mutant 487 bp |
| Villin-Cre | WT Forward TATAGGGCAGAGCTGGAGGA | WT 182 bp, |
| (*△IEC*) | Mut Forward AGGCAAATTTTGGTGTACGG  | Mutant 150 bp |
|  | Common Rev GCCTTCTCCTCTAGGCTCGT  |  |
| *Apcmin* | WT Forward GCCATCCCTTCACGTTAG  | WT 619 bp, |
|  | Mut Forward TTCTGAGAAAGACAGAAGTTA | Mutant 320 bp |
|  | Common Rev TTCCACTTTGGCATAAGGC |  |

**Supplementary file 1b. Related to Experimental Procedures. Primer sequences for RT-PCR**

|  |  |  |
| --- | --- | --- |
| Genes | Forward | Reverse  |
| Mouse *Ifna4* | CCTGTGTGATGCAGGAACC | TCACCTCCCAGGCACAGA |
| Mouse *Ifnb1*  | ATGAGTGGTGGTTGCAGGC | TGACCTTTCAAATGCAGTAGAGTCA |
| Mouse *Ifng* | TCAAGTGGCATAGATGTGGAAGAA | TGGCTCTGCAGGATTTTCATG |
| Mouse *Il1a* | GCACCTTACACCTACCAGAGT | AAACTTCTGCCTGACGAGCTT |
| Mouse *Il1b* | CTCATTGTGGCTGTGGAGAAG | ACCAGCAGGTTATCATCATCAT |
| Mouse *Il6* | AGCTGGAGTCACAGAAGGAG  | AGGCATAACGCACTAGGTTT |
| Mouse *Il10* | CCCTTTGCTATGGTGTCCTT | TGGTTTCTCTTCCCAAGACC |
| Mouse *Il12a* | GAGGACTTGAAGATGTACCAG | TCCTATCTGTGTGAGGAGGGC |
| Mouse *Tnfa* | GTCAGGTTGCCTCTGTCTCA | TCAGGGAAGAGTCTGGAAAG |
| Mouse *Cxcl10* | CCTGCCCACGTGTTGAGAT | TGATGGTCTTAGATTCCGGATTC |
| Mouse *Isg15* | TGGAAAGGGTAAGACCGTCCT | GGTGTCCGTGACTAACTCCAT |
| Mouse *Mx1* | GGGGAGGAAATAGAGAAAATGAT | GTTTACAAAGGGCTTGCTTGCT |
| Mouse *Actb* | AGGGCTATGCTCTCCCTCAC | CTCTCAGCTGTGGTGGTGAA |
| Human *IFNB1* | CATTACCTGAAGGCCAAGGA | CAATTGTCCAGTCCCAGAGG |
| Human *ISG15* | CTGAGAGGCAGCGAACTCAT | AGCATCTTCACCGTCAGGTC |
| Human *MX1* | AGAGAAGGTGAGAAGCTGATCC | TTCTTCCAGCTCCTTCTCCTG |
| Human *CXCL10* | CTCCAGTCTCAGCACCATGA | GCTCCCCTCTGGTTTTAAGG |
| Human *GADPH* | ATGACATCAAGAAGGTGGTG | CATACCAGGAAATGAGCTTG |

**Supplementary file 1c. Related to CRISPR/Cas9. Primer sequences for molecular cloning**

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| Genes | Forward |  Reverse  |
| *Ogt* gRNA#1 | CACCGTGCCCACGGAAGACGCCATC  | AAACGATGGCGTCTTCCGTGGGCAC |
| *Ogt* gRNA#2 | CACCGGCTCCAGATGGCGTCTTCCG | AAACCGGAAGACGCCATCTGGAGCC |
| *mMavs* gRNA#1 | ACCGGCCGTCGCGAGGATGTCTGG | AACCCAGACATCCTCGCGACGGCC |
| *mMavs* gRNA#2 | CACCGGATACCCTCTCCTAACCAGC | AACGCTGGTTAGGAGAGGGTATCC |
| *mCgas* gRNA | CACCGATATGGAAGATCCGCGTAGA | AAACTCTACGCGGATCTTCCATATC |
| *mSting* gRNA | CACCGGCTGGATGCAGGTTGGAGTA | AAACTACTCCAACCTGCATCCAGCC |
| *hcGAS* gRNA | CACCGAAGTGCGACTCCGCGTTCAG | AAACCTGAACGCGGAGTCGCACTT |
| *hSTING* gRNA | CACCGGGATGTTCAGTGCCTGCGAG | AAACCTCGCAGGCACTGAACATCC |