**Supplementary Table 1. Oligonucleotide sequences for realtime-PCR**

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| --- | --- | --- |
| Gene | Forward 5’­3’ | Reward 5’­3’ |
| *Myod1* | AGCATAGTGGAGCGCATCTC | GGTCTGGGTTCCCTGTTCTG |
| *Myog* | CAGCCCAGCGAGGGAATTTA | AGAAGCTCCTGAGTTTGCCC |
| *Col1a1* | CGATGGATTCCCGTTCGAGT | CATTAGGCGCAGGAAGGTCA |
| *Psmb8* | AGCAGCAAGTGGTGGATTTG | GAGTTTTCTCCCGTAAAAGCTGA |
| *Ifng* | GCTTTAACAGCAGGCCAGAC | GCACCAGGTGTCAAGTCTCT |
| *Il1b* | GAAATGCCACCTTTTGACAGTG | TGGATGCTCTCATCAGGACAG |
| *Il6* | GGTGACAACCACGGCCTTCCC | AAGCCTCCGACTTGTGAAGTGGT |
| *Nos2* | GTTCTCAGCCCAACAATACAAGA | GTGGACGGGTCGATGTCAC |
| *Tnf* | CCCTCACACTCAGATCATCTTCT | GCTACGACGTGGGCTACAG |
| *Il10* | GCTCTTACTGACTGGCATGAG | CGCAGCTCTAGGAGCATGTG |
| *Il13* | CCTGGCTCTTGCTTGCCTT | GGTCTTGTGTGATGTTGCTCA |
| *Arg1* | TTGGGTGGATGCTCACACTG | GTACACGATGTCTTTGGCAGA |
| *Gapdh* | AGGTCGGTGTGAACGGATTTG | TGTAGACCATGTAGTTGAGGTCA |
| *Actb* | GCAAGCAGGAGTACGATGAGT | AACGCAGCTCAGTAACAGTC |

**Supplementary Table 2. Antibodies list**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibodies** | **Isotype** | **Dilution** | **Source** | **Identifier** |
| **IHC and IF antibodies** | | | | |
| WGA | Mouse monoclonal | 1:200 | Sigma | Cat#L4895 |
| PSMB8/LMP7 | Rabbit polyclonal | 1:400 | Abcam | Cat#Ab3329 |
| Myosin Heavy Chain | Mouse monoclonal | 1:50 | R＆D systems | Cat#MAB4470 |
| **Flow cytometry antibody** | | | | |
| CD45 Percp-Cy5.5 | Rat anti mouse | 1:100 | BD | Cat#550994 |
| CD11b APC-Cy7 | Rat anti mouse | 1:100 | BD | Cat#557657 |
| F4/80 APC | Rat anti mouse | 1:100 | eBioscience | Cat#17-4801-82 |
| Gr1 FITC | Rat anti mouse | 1:100 | Biolegend | Cat#108406 |
| CD3e PE-CF594 | Rat anti mouse | 1:100 | BD | Cat#562286 |
| CD31 FITC | Rat anti mouse | 1:100 | BD | Cat#553372 |
| Ly6A/E(Sca-1) PE-cy7 | Rat anti mouse | 1:100 | BD | Cat#558162 |
| α7-integrin APC | Mouse monoclonal | 1:10 | R＆D systems | Cat#FAB3518A |
| Ly6C BV605 | Rat anti mouse | 1:100 | BD | Cat#563011 |
| **Western Blot antibodies** | | | | |
| MyoD | Rabbit polyclonal | 1:500 | Santa Cruz | Cat# sc-304 |
| Myogenin | Mouse monoclonal | 1:1000 | Abcam | Cat#Ab1835 |
| LMP7/PSMB8 | Rabbit polyclonal | 1:3000 | Abcam | Cat# Ab180606 |
| p-NF-κBp65 (Ser536) | Rabbit monoclonal | 1:1000 | Cell Signaling Technology | Cat#3033 |
| NF-κBp65 | Rabbit polyclonal | 1:1000 | Cell Signaling Technology | Cat#8242 |
| FLAG | Mouse monoclonal | 1:1000 | Sigma | Cat#F1804 |
| GAPDH | Mouse monoclonal | 1:2000 | Cell Signaling Technology | Cat#2118 |