**Supplementary file 2. Primer sequences for real-time PCR analysis in mouse.**

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| **Gene** | **NCBI Reference No.** | **Primer sequence (5’-3’)** |
| **Forward primer** | **Reverse primer** |
| ***Mettl3*** | NM\_019721.2 | CTGGGCACTTGGATTTAAGGAA | TGAGAGGTGGTGTAGCAACTT |
| ***Mettl14*** | NM\_201638.2 | CTCCAAACTCAAAACGGAAGTGT | ATGGGGATTTAAGCTCTGCGT |
| ***Alkbh5*** | NM\_172943.4 | CGCGGTCATCAACGACTACC | ATGGGCTTGAACTGGAACTTG |
| ***Fto*** | NM\_011936.2 | TTCATGCTGGATGACCTCAATG | GCCAACTGACAGCGTTCTAAG |
| ***Fgf16*** | NM\_030614.2 | CCATGACTCAAGGGAGCTTT | CTATGCCCAATCCTGAAGGT |
| ***Ythdf1*** | NM\_173761.3 | ACAGTTACCCCTCGATGAGTG | GGTAGTGAGATACGGGATGGGA |
| ***Ythdf2*** | NM\_145393.4 | GCTTGCCTGCTACATAGTGAGA | AACTGAACTGCTTAACCTTCTGG |
| ***Pml*** | NM\_008884.5 | GAGCAGGTAATCGCCCAACT | GAGCAAAGTCCACCTGGGTT |
| ***Aspm*** | NM\_009791.4 | GGCTACTGTGATTCAGGCCA | TGCTTTTGCCTCTGCAGTTC |
| ***Cdc20*** | NM\_023223.2 | ATCCAGTGGTTCACGGTCTG | AAGCCCACATACTTCCTGGC |
| ***H2afx*** | NM\_010436.2 | TGGTCTCTCAGCGTTGTTCG | CTACAGGGAACTGAAGGCCG |
| ***Mis12*** | NM\_025993.3 | CGCCTGTCACATTCCAGTCT | TGTACATGCCACAGTGTACCTT |
| ***Sac3d1*** | NM\_133678.3 | TGGATGGACTCCAGGAAGCAC | AGGGTGTGTCCCTGCAACTTATTC |
| ***Pprc1*** | NM\_001081214.1 | TGAGGATTTTGGAGAGAGCAGA | TTGAGCAGCTTGTGCAGAGA |
| ***Mif*** | NM\_010798.3 | CGCGCTTTGTACCGTCCTC | ACGTGCACTGCGATGTACT |
| ***Mycn*** | NM\_008709.3 | AAGTCACCTTGTTCCGGTCC | TTCCCAGGGGCATCAAATGG |
| ***Six5*** | NM\_011383.1 | CAGCTTCTCAGCACCCCTAC | CCTGTTGTAGCCCCCAGAAG |
| ***Pdgfb*** | NM\_011057.4 | TGTCTGTCCATTGCCTCCAC | CTAGGGCTCTCCCTCTCTCC |
| ***Gapdh*** | NM\_001289726.1 | TGTGTCCGTCGTGGATCTGA | TTGCTGTTGAAGTCGCAGGAG |