**S1 Table. Primer sequences for qRT-PCR.**

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| --- | --- | --- |
| **Gene** | **Sequence (5’– 3’)** | **Size (bp)** |
| **GAPDH** | **F: GGGCATGAACCATGAGAAGT****R: AAGCAGGGATGATGTTCTGG** | **230** |
| **GATA4** | **F: TCAAACCAGAAAACGGAAGC****R: GGCCAGACATGGCACTAACT** | **230** |
| **GATA6** | **F:** **CTGTCCCCATGACTCCAACT****R:** **ATGTACAGCCCGTCTTGACC** | **178** |
| **OCT4** | **F: CGTGGAGACTTTGCAGCCTGA****R: GGCGATGTAAGTGATCTGCTG** | **519** |
| **SOX2** | **F: GCCCTGCAGTACAACTCCAT** **R: GCTGATCATGTCCCGTAGGT** | **216** |
| **SOX7** | **F:** **CAAGGACGAGAGGAAACGTC****R:** **GTTGGGGTAGTCCTGCATGT** | **166** |
| **NANOG** | **F: AAGTACCTCAGCCTCCAGAC****R: GTGCTGAGCCCTTCTGAATC** | **232** |
| **CDX2** | **F: AGCCAAGTGAAAACCAGGAC****R: TGCGGTTCTGAAACCAGATT** | **178** |
| **DNMT1A** | **F: GTGAGGACATGCAGCTTTCA****R: AACTTGTTGTCCTCCGTTGG** | **211** |
| **DNMT3A** | **F: CTGAGAAGCCCAAGGTCAAG****R: CAGCAGATGGTGCAGTAGGA** | **238** |
| **SUV39H1** | **F: CTGCACAAGTTCGCCTACAA****R: TCTTGCGGATCTTCTCCAGT** | **202** |
| **SUV39H2** | **F: GACTTAGAGGGCCCACCTTC****R: TGCCAAAAGAACTCCAGCTT** | **153** |
| **Tet1** | **F: TGGGTTTACAATGGCTCTCC****R: TCTTGCTTTGGGACTTGCTT** | **192** |
| **JMJD2C** | **F: GAGGACGAGGAAGTGTCAGC****R: AGCCTCGGTTTTGATTTCCT** | **246** |
| **PRDM14** | **F: CTTCACGTCCATGAGAAGCA****R: GGGACGCAAAAGATTTACCA** | **232** |
| **H19** | **F: CTCAAACGACAAGAGATGGT****R: AGTGTAGTGGCTCCAGAATG** | **122** |
| **IGF2R** | **F: AGGTCTCACCTCTTCAGGTT****R: CTGTGCAAATTAAGGCTTCT** | **120** |

**(F: forward. R: reverse)**