**Table S1.** Q-PCR Primers

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| --- | --- | --- |
| Gene  | Forward primer  | Reverse primer |
| BLIMP1 | AAACCAAAGCATCACGTTGACA  | GGATGGATGGTGAGAGAAGCAA |
| TFAP2C | ATTAAGAGGATGCTGGGCTCTG  | CACTGTACTGCACACTCACCTT |
| NANOS3 | TGGCAAGGGAAGAGCTGAAATC  | TTATTGAGGGCTGACTGGATGC |
| DAZL  | TGGCCCTTCTTTCAGTGACTTC  | GACCCTAGGGGGCACTAGTAA |
| DPPA3  | AAGCCCAAAGTCAGTGAGATGA  | GCTATAGCCCAACTACCTAATGC |
| DDX4 | TTCTTCACAAGCTCCCAATCCA  | TTCTTCTCTGCATCAAAACCACA |
| PRDM14  | TATCATACTGTGCACTTGGCAGAA  | AGCAACTGGGACTACAGGTTTGT |
| KLF2 | ACTAGAGGATCGAGGCTTGTGA  | TGCCCACCTGTCTCTCTATGTA |
| KLF4 | AGCCTAAATGATGGTGCTTGGT  | CCTTGTCAAAGTATGCAGCAGT |
| ESRRB  | TAAAATGGCAGTTCCCCATTGC  | CCAGATACATGGGACCAGGATG |
| POU5F1 | CTGTCTCCGTCACCACTCTG  | AAACCCTGGCACAAACTCCA |
| NANOG | AGAGGTCTCGTATTTGCTGCAT  | AAACACTCGGTGAAATCAGGGT |
| SOX2  | TGAATCAGTCTGCCGAGAATCC  | TCTCAAACTGTGCATAATGGAGT |
| SOX17  | TTCGTGTGCAAGCCTGAGAT  | TAATATACCGCGGAGCTGGC |
| GATA4  | CCTCTTTCTCAGCAGAGCTGTA  | CTCTGCTACAGCCAGTAGGATT |
| GATA6  | ACAGGGCGATTTCCTTTCAGTT  | CTTCTGTTGGGGGTAACGTCTG |
| NODAL  | CATTGCCTCAGGCTGGGTTG  | GTACAGCTCATTAGCAGAGAACCA |
| T  | AGCCAAAGACAATCAGCAGAAA  | CACAAAAGGAGGGGCTTCACTA |
| DNMT3A  | TGGGATTCATCCAGACTCATGC  | AAAGTGAGAAACTGGGCCTGAA |
| DNMT3B  | TAACTGGAGCCACGACGTAAC  | GCATCCGTCATCTTTCAGCCTA |
| ARBP  | GAAACTCTGCATTCTCGCTTCC  | ACTCGTTTGTACCCGTTGATGA |