Supporting tables

Table S1.Primers for bisulfite sequencing and ChIP-qPCR

|  |  |  |  |
| --- | --- | --- | --- |
| Genes | Primer pair | Forward primer (F)Reverse primer (R) | Covered Seq. relative to TSS |
| **Bisulfite sequencing primers** |
| *NANOG**OCT4**c-MYC**KLF4**SOX2* | Nanog-1Nanog-2Oct4-1Oct4-2Oct4-3Oct4-4Oct4-5Oct4-6Oct4-7Oct4-8Myc-1Myc-2Myc-3Myc-4Myc-5Myc-6Klf-1Klf-2Sox-1Sox-2 | F: GATAGGAGGGTAAGTTTTTTTTTR: CCAAAACAACTAACTTTACTF: GAGTTAAAGAGTTTTGTTTTTAAAAATTATR: TCCCAAATCTAATAATTTATCATATCTTTCF: TTTTTAGTTTTTTTTAGGTTTAAR: CTAAACAAAAAACCCATTCCF: TGGGTAGTAGGGATTTTTTGGATTGR: TTTTAAAACTTTTCCCCCACTCTTATATTF: GGGGAAAAGTTTTAAAAGATTTAR: ATTCTATTTACAAAAAAATAACCAAF: GGGAGTTTAGGGTAGTTTTTTTGTAR: AAACTACTTCCTACTCCCCAACCF: GGTGTGGGAGTGATTTTAGATAGTTR: ATCTTAAATTCCTATCCTCAAAAAATCF: GAAGGATTGTTTTGGTTTAGTAGTAGATR: CACCCACTAACCTTAACCTCTAACF: GGGGTTAGAGGTTAAGGTTAGTGR: ATCACCTCCACCACCTAAAAAAF: TTTTTAGGTGGTGGAGGTGATR: CCCTCAAACTAAAAAATCTCCAAACF: TTTTATTTGTTTTTTTTAGGAAGTTR: TACTCTCTACCAATCTATACCCCACF: AAATTTGGGTTTTTAGAGGTGTTAGR: CCCCACCAAAAATAACAACTATTCF: ATAGTTGTTATTTTTGGTGGGGTR: TTTACCAACTTTTCTTCTTTCTCTCF: AATTTTGTGTTTTGGATTTTGGTAAR: CCCTTTAAACAATCCCCTACTATCTF: TTGGGAGGAGATATGGTGAATTAR: CAAATACAAACTAAAAATAAAACAAACF: GGAAGGATTATTTTGTTGTTAAGAGGR: AAACCTTTTCATTATTTTCCAACTCF: TTTGGGGTTATTAAGAGTTATTGAAR: AAACTCACTCTAACCCAACCAATATF: TTTAGATATTGGTTGGGTTAGAGTGAR: AAAACTAATCAAACAAAAAACACCCF: TTAATAAGAGAGTGGAAGGAAATTTAGAR: AAAACCCAAAAAAATAATTTTAACCF: GTAGGTTGGTTTTGGGAGTTTTTR: AAATTAATAAACAACCATCCATATAAC | -1449 to -1295-1168 to -952-2973 to -2724-2564 to -2184-2004 to -1836-1717 to -1479-530 to -464-301 to -58+7 to +91+130 to +320-2620 to -2435-348 to -164-126 to +18+289 to +438Exon 2Exon 3-388 to -196-160 to +52-1502 to -1373-175 to -18 |
| **ChIP qPCR primers** |
| *NANOG**OCT4**c-MYC**KLF4* | NanogOct4c-MycKlf4 | F: TGAATGTTGGGTTTGGGAATR: GCTTTTTCCCTCTGGCTCTTF: AGTCTGGGCAACAAAGTGAGA\*R: AGAAACTGAGGCGAAGGATG\*F: CAGATCAGCAACAACCGAAAR: GGCCTTTTCATTGTTTTCCAF: TGGGCCAGAGTGAGTTTAGCR: GCGGGTGTTATGTCCTGTCT | -1101 to -883-262 to -94Exon 3-179 to -20 |

\* From Freberg CT, Dahl JA, Timoskainen S, Collas P. Mol Biol Cell 2007;18(5):1543-1553.