

OLIGONUCLEOTIDES SEQUENCES

RT-PCR - qRT-PCR (Xenopus)

Geminin for	5'-tgaagtggctgttgatccag-3'
Geminin rev	5'-tcttcgttctctgcaacct-3'
H4 for	5'-gaccgcggtcacctacacc-3'
H4 rev	5'-ctggcgcttcagaacataca-3'
MyoD for	5'-aggaaggccgcccactatga-3'
MyoD rev	5'-gttgcgaggatctccactt-3'
Ngnr 1a for	5'-acctgcactctgcgcttgat-3'
Ngnr 1a rev	5'-gcgcaaggctcatcttgg-3'
Nrp1 for	5'-gccatgctgcaaaactctt-3'
Nrp1 rev	5'-cccaccttatagccctccat-3'
N-tubulin for	5'-tgctgatctacgcaaactgg-3'
N-tubulin rev	5'-ctgtcagggctcggtattgt-3'
Oct-25 for	5'-caggttccagggttgcag-3'
Oct-25 rev	5'-gtccttgagggtgcaggaaag-3'
Oct-91 for	5'-ggacaacagtcgctgtagca-3'
Oct-91 rev	5'-cactgctcagccatcacta-3'
ODC for	5'-acaaagaaacccaaaccaga-3'
ODC rev	5'-caaacacatccagctcctca-3'
Sox2 for	5'-tgcgtccaacaaccagaata-3'
Sox2 rev	5'-agttgtgcatctgggggttc-3'
Sox3 for	5'-atgaacggctggactaatgg-3'
Sox3 rev	5'-tacctgtgctggatctgctg-3'
Sox11 for	5'-cgagaaaatccccttcatca-3'
Sox11 rev	5'-aggatccacttgggcttttc-3'
Sox17 alpha for	5'-tactgcaactacccagtcg-3'
Sox17 alpha rev	5'-agagcccgtccttctcaata-3'
Xiro 1 for	5'-ccataaccaccacccttc-3'
Xiro 1 rev	5'-tgtctgagtgctgggactg-3'
XK81 for	5'-ccgttggtgtgaacaagtg-3'
XK81 rev	5'-gcagctcaattccaagctc-3'
xISuv4-20h1 for	5'-gttggcatgaagtgggttg-3'
xISuv4-20h1 rev	5'-gcagacaatcggttccatt-3'
xISuv4-20h2 for	5'-ccgatgttcttccagaga-3'
xISuv4-20h2 rev	5'-ccaccaggagtcaatctttc-3'
Zic1 for	5'-acagatgaggctgggcttc-3'
Zic1 rev	5'-cagttggctggaggcataat-3'
Zic2 for	5'-tcggtaggacggagcaatac-3'
Zic2 rev	5'-tcataggggagtactggttg-3'
Zic3 for	5'-ggtggtgcagccttaactc-3'

Zic3 rev

5'-tggcaaaaagtccatgttga-3'

ChIP-qPCR

GAPDH for	5'-ctgtgctactgggtctttcc-3'
GAPDH rev	5'-taagcacaggcagcccttac-3'
Oct-25 5'-UTR for	5'-ctccgacttattgggtgga-3'
Oct-25 5'-UTR rev	5'-tctaacctggatgggaggtg-3'
Oct-25 exon 1 for	5'-agagtccccagaacccaaat-3'
Oct-25 exon 1 rev	5'-aagggtaccagtcctatgtg-3'
Oct-25 intron 1 for	5'-aaagctaccggctgattgg-3'
Oct-25 intron 1 rev	5'-agcgtgcaggattaggtcat-3'
Oct-25 exon 4 for	5'-aggggacgctggaagtac-3'
Oct-25 exon 4 rev	5'-ccttggctattgcaccatc-3'
MSAT 3 for	5'-ccaccgtttgtcgtagacc-3'
MSAT 3 rev	5'-tgctggggcaattaactg-3'
Thibz for	5'-gctgtcggaaactctcactcc-3'
Thibz rev	5'-gcgtctctgtcccagtagc-3'
Thr alpha for	5'-attgctttcatgccttgct-3'
Thr alpha rev	5'-tatgaaacggagcgacacaa-3'

mutagenesis PCR

mSuv4-20h1 Y299A for	5'-cctggagaagaaatttctgttacgcaggagatggctttttggagaaa-3'
mSuv4-20h1 Y299A rev	5'-tttctcaaaaaagccatctcctgcgtaacaagaaatttcttccagg-3'
mSuv4-20h2 Y217A for	5'-ggatgaagtgactgcttcgcaggtagggcttctcgg-3'
mSuv4-20h2 Y217A rev	5'-ccgaagaagccctcacctgcaagcaagtcactcatcc-3'
mSuv4-20h1 N264A for	5'-ggctcggctcgtcattatagcccatgattgcagacctaactg-3'
mSuv4-20h1 N264A rev	5'-cagttaggtctgcaatcatgggctataaatgcagcaggaccgagcc-3'
mSuv4-20h2 N182A for	5'-ggcccagctgccttcatgcccagactgcaaacc-3'
mSuv4-20h2 N182A rev	5'-gggttgcagtcagggcgatgaaggcagctggcc-3'

qRT-PCR (ES cells)

Actin for	5'-ggcatcactattggcaacg-3'
Actin rev	5'-tccataccaagaaggaagg-3'
Eomesodermin for	5'-atcgaccataacccttcgcc-3'
Eomesodermin rev	5'-cgtaccgacctccagggacaac-3'
FoxA2 for	5'-gtgaagatggaaggcagcagc-3'
FoxA2 rev	5'-gccgcgacatgctcatgta-3'
GAPDH for	5'-tcaagaaggtggtgaagcag-3'
GAPDH rev	5'-gttgaagtcgaggagacaa-3'
Gata4 for	5'-agggtagcctgtatgtaatgc-3'
Gata4 rev	5'-attcaggttctgggctcc-3'

Sox17 for 5'-acgcaagcggttggcacag-3'

Sox17 rev 5'-cgaagggccgcttctctgc-3'