

Table S5 Oligo Sequences and Antibodies

Gene-specific shRNA SenZfp536 sh1 SenZfp536 sh2 Zfp536 sh1	Target sequence TGAAGTCCAGGTTTCAAATAA GTTACAAGTTAGGTCATTTAT CCGGAGTCCATTTGCATAATT	
Gene-specific sgRNA for CRISPR-on assay SenZfp536 sg1 SenZfp536 sg2 SenZfp536 sg3 SenZfp536 sg4 SenZfp536 sg5	Target sequence GCTGGTATATCAGCGTGTCA TATGGGACTCATCACCCAAG GATATACCAGCCTTTAAGCA GCCAAAACTTTTGCTTCTGG GTACCGTACGAACGTAGCAG	
Gene-specific sgRNA for RNA-tethering assay Zfp536 sgRNA	Target sequence CCTGGCGACCCTCCGTGCG	
In situ hybridization SenZfp536 Zfp536	Forward sequence (5'-3') GGCTTTAAGACTTGCCCTGGGAG GTGTGCTCGACTCTGCTCC	Reverse sequence (5'-3') GGAACTCGTTTGCTGACTGCTC CACAATGGCGTCCCCACAAC
Gene expression analysis SenZfp536 Zfp536 Xist Actin Gapdh	Forward sequence (5'-3') CGCCAGCATTCTTTCTTGTG ACTCATACAGTAGCAGCGTC TAGGTGGAGATGGGGCATGA ATCTTCCGCCTTAATACT TGTGTCCGCTCGTGATCTG	Reverse sequence (5'-3') AAGTTGTGGGTGTCAGAGTGCT AGCCACAGAGTTCCGTCTTG CTGGGTTCCAGGAAAAGCGTCT GCCTTCATACATCAAGTT TTGCTGTTGAAGTCGCAGGAG
RACE nested primers SenZfp536 5' RACE SenZfp536 3' RACE	First primer (5'-3') TGCGTACACATACCTATGCCCGTA CTGTATAGAGTCAGAGAGGCTGAGA	Second primer (5'-3') CTGCAGATAAACCCACAAAGGAGCA CCCACATGTTTGCCAATAGTAATGG
Northern blot SenZfp536 probe	Forward sequence (5'-3') TCTGCTCCTGAGAAGTTGGCCC	Reverse sequence (5'-3') GCAATATCTGAGAGGTCATCAGT
3C primers Constant primer T1 T2 T3 T4 T5 T6	Primer sequence ATGCAAATGGACTCCGGCCGG GGACAGAAGGAGTGCACCATTGT GTCATCTCAGGCCTTTCTCCAG ATGCAGCAAAAGGCAAGGAACA GAAATTGTCCATGCATGGGTGG TCTGAATGTGTGGGTAAAGGCGC ATGACAGGCCAGTGGTCTTTTGA	
Antibodies Mouse monoclonal to β -Actin Rat monoclonal to BrdU Rabbit polyclonal to GFP Rabbit polyclonal to PAX6 Rabbit polyclonal to SOX2 Sheep anti-DIG AP Rabbit polyclonal to ZFP536 Rabbit monoclonal to Cleaved Caspase 3 Mouse monoclonal to Ki67	Source Chemicon Abcam Invitrogen Chemicon Millipore Roche ORIGENE Cell Signaling Cell Signaling	Identifier MAB1501; RRID: AB_2223041 ab6326; RRID: AB_305426 A11122; RRID: AB_221569 AB2237; RRID: AB_1587367 ab5603; RRID: AB_2286686 11093274910; RRID: AB_514497 AP23921PU-N; RRID: AB_2468824 9664; RRID: AB_004098 9449; RRID: AB_2797703