

Primer sequence used for RT-PCR:

INCENP (CG12165):

Forward: 5'-ATGGAGGACATCTTGGGCG-3'; Reverse: 5'-CCGCATCTTACGGTTGAGTG-3'

Aurora B (CG6620):

Forward: 5'-TGAGATGGGCGCCCACTT-3'; Reverse: 5'-TTCGCCACTTGGTAGGTGTA-3'

Asp (CG6875):

Forward: 5'-ATGGAGCTAGTGTGGAGCC-3'; reverse: 5'-GGTGAGAGGTGTGAATCGC-3'

McM3 (CG4206):

Forward: 5'-GAGGGGGAGCAGTTCATCA -3'; reverse: 5'-AAACCGTATTCGGTCTCCAG-3'

McM5 (CG4082):

Forward: 5'-TGGAAGGCTTCGACGATGC-3'; reverse: 5'-CAGGACAGGCATTGGATAGA-3'

McM7 (CG4978):

Forward: 5'-ATCTGTATCAACAAGAACGAC-3'; Reverse: 5'-GCTATCGAAATGGTCTGCTG-3'

CDC45 (CG3658):

Forward: 5'- ATGTTTGTCCAGGATCTGCG-3'; Reverse: 5'-CTGAGCTTACGGCTCCTTG-3'

Actin 5C:

Forward: 5'-TGCCCATCTACGAGGGTTAT-3'; Reverse: 5'-AGTACTTGCGCTCTGGCGG-3'

Primers used for ChIP analysis:

F-element:

Forward: 5'- ATCACGGTAG AAGAGCCGCA -3'; Reverse: 5'-TGTGAAGACGGATTTTCAGCTC -3'

I360:

Forward: 5'- TGTATCGTTT TAAAAAATT GTCAG -3'; Reverse: 5'- GTGGACCTGTAATATATGCTCT -3'

TART:

Forward: 5' - GTACAACCAA AGTTGACGGG - 3'; Reverse : 5' - TGTATCGATATTTTCGCGCTTTT - 3'

McM3 (CG4206):

Forward: 5'- ATTTGCGTTTGCCTCCGAAC -3'; Reverse: 5'-CAGTAGCCCCAATGCACGT-3'

McM5 (CG4082):

Forward: 5'- TCTAGCTACCGCTTGCCCG -3'; Reverse: 5'-TTGTAGAAAAAGTTCTCCTCGTT -3'

McM7 (CG4978):

Forward: 5'-GGCTCGACGAGATTATGCC-3'; Reverse: 5'-GGACAGTGGTTTGAAGCCC-3'

Tam (CG8987):

Forward: 5'-GCGCACAAAATACCTAGGC-3'; Reverse: 5'-CACATCGAAGACAAGTCCCT-3'

Actin 5C (CG 4027):

Forward : 5`-TGCCCATCTACGAGGGTTAT-3`; Reverse : 5` -CGGTGGTGGTGAAAGAGTAA - 3`

Aurora B (CG6620):

Forward: 5'-TCAGCATTCGAAAAAACGCGC-3'; Reverse: 5'-TCGTATCTGGAGGGAGCAGAT-3'