

Putative Nanog binding sequences in the *Ol-Cxcr4b* gene upstream region were Ol-Nanog binding was previously demonstrated by ChIP assay (Sánchez-Sánchez et al., 2010). In blue, bold and underlined putative Nanog binding sequences 1-3. (G/A) (G/C) ATTA (G/AT) (GC). Underlined only pairs of primers that amplified bands in the ChIP experiment performed in Sánchez-Sánchez et al., 2010.

CAGCGCCGAAGGTCGGCCTTGCCGAGGTTCTGCCGACAGGTTTCTTCTTTGTCTTTTATTATG
 TGGAAGCCGTTTCTCCCCACAGTCGCCAGCTGCTGTTTTCCAGACAAAAGTGAATGAA
 ACCCTGCAGGACTATTTTAAAAATAAAATCAAGACATTTTAGCCTCATCAGAAAGATCTG
 GCCTGAGTTGGATCAAAATAATCCTAATTATTGAATTATTA AACACATGATGTGTTAAT
 GCAGTGAATGATTCGATTTTAGGCCCAAAAGTGACCTTAGATTATCAACACCCACCTTT
 GAAAAACACACAAAGTCAGCGTGCTACTAAACAACTAAGTGCCCTGCACCAAGTTTGTAT
 CTGAAAAAGAAAAAATTTGAAGCTTTGAGTCTGACTGTACACGGAATAATGATCTCATCTT
 TTGGTTGCGCTTTGGAATTGCTCATTCTTGTC **TTAATCTC** AATGCCGCTGCCTCTTTTC
 ATGGCCATTCTTCACTCAAGAGGCCCTTTTCGCTGCCGTTACACTCCTGGCGATTGTG
 TTTGAAGTGGGTGCTGATCTTTTGATTCTGGACTGATAGCGATCTGAGTCCTTGGGCT
 CACGCAGGAGCTCCAGGTATGCAACCTCCAGGAGTTCATGTGGAACTGAAGTCTGCTCT
 GTTGAAACTCAGTGAAATGATGAGCTAAAAACCCACAAAACATCAAAAGCTAATTGCGTA
 GTGAGCTGATTGACAGAGCTGATTATGCTGCATTTATTACAGATTATAAGCAGAAC
 ACAAATACTCTTGAGCTTGAGAAAACGTGAACACGTTGTGAAACGTTTATTGCAATAAAC
 ATGCACTTTTCTCTTTAAAAACTCTGACTTTTAAGTATCTGGCCCTTTAATCATTGCAA
 CCTCCCAACTCCAACAGATTTATTTGAATTTAAAGGAAATCATGACAAAACCTGAAATG
 GATAGAAACATTCACATGCTCAGAAGGCATGTGCCAGAGAACAACTTAAAAACAGAAA
 TTTTCTCTTCTCAGGACATAAAATTAAACAAAATGCTGCGCATAATT **CAGATTAA** AAGT
 GACGGCTTTGGCTCAGCGCAGGTACAGCAGCAACTGCTGTGCTGTAATGCCATTGATAA
 GAGCCTCATCCCCATACAGTGGCCCTTTCTGAGCTGCCACCTCTCTGGGTTTCTCTTTC
 TTGGACTGCAGGGGTTCTCGAACGACTCCTCCAACGCTTTGATAAGCAGCAGCTGATTT
 AGAAGCAGCGGTGTGCGGTTGCTGCCTGTCAATTGTTGCTCGTTATTTATGGCAAACCA
 ACAAAATGTTGTGGTTTTTTGTAATGAAGCAACAGTCTCTGAGCACCAGTGTTTGTGCCTCA
 CGTCTTCTCAGGAAAGGGAAAAATGTTCTTCTGGGGGGGGGATTTCAGACTTCAGCACCTG
 GCTGAACAGAAAAAGAACTCTATGATGTCTAGAGAGCATTCGGAAGAAAACCCACAAC
 ACCAATGGACTTTCTGATTCAACCAATCATTTTCAAAACGTTCCAGTTCAATGAACAC
 CCATAATGCACCTGCAATACTTTCACTGCAAAAACAGCGAGCCTACAATAGGAAAAAGAAC
 TCTAATCTTAAAGAGTCACTGGAAAGTAGTGAGATGATCTGTCCGTGCTGAAGGTCATT
 TTTACAGAACAAGCAATCTCATAATAAGAAATCAAAATAGGTTCCATGCAAGCACTCAAT
 ACGTACGCTAAAGAATCTGTTAGAGTTCTTCAAACCTGAATATTCTGCAGCCCAAAAATAA
 GTATTTTTCCACTTGAAAGCAAACGGTTTGTAATTTATTTGTGGTGTTGTTGAGTTTTTA
 TGGACCTAATAGGATTAAGTCTCAAAATCACTAGTGATGAGTGGAAATTAATCATTTTTT
 AGAAATAAATGTGGACAAAATGAGAATTAAAGATCTATTGAAAAAATCTAAAAATCACCAC
 TTATTTTTTGAACGTAATTCTACATTTTTTCCCCCTAAAAATAATGACAAGGAATGCCAGTC
 TAATTCAATCAACATTTGTTGAACTCTGAAATAACATCCTTAAATCTTTGTTTAATATCT
 GAAGCAAGAATTCAGTGTAATTCAGTTTTTTTTGAGAATTATATCAAGGTTTTCTATTG
 CCAAGAGTTTGAGGCCAAAGGATTTGGACTAATTTCTCTAGTTCCTCATGATTAGAGA
 GAAGCCTGGAAAGGTGTGTAGCAGACAGAGAAGTTAAACAACCTTCAAACCTGCTGAAACATC
 TTGTTGGTCCGTTTTGAAGTCTTGCCCGTATCATCACTTTTTATGAAGCAGGGTGTC
 TTATCGATGAATCCCATTCTAAAGGCGATGTCTGCTGCTAAATCTTGAACCAACTTTTCA
 CACATTGACTCGGCTGAGGAAGGAAATCGCAAAAAGGCAATTTGATCTTTTTTTTTGTGTC
 AAAGCTTCGTGCTGGAATGGTGATCTCTCCTTGTTCCAACGTGGATGAACAGATCCC
 AATGATCTATCATATATCAAGGCATTGAGGGGCGTTTGCATGCCACATGGAGGATATTG
 AGTTTTGAAATTAGAGTCGGGTGCAGAGTTGGCCCCCTGGTCACAGACAGAGAGCTGCCT
 GACATCAACCC **CACATTAA** AAGGTTTCATTAACAACTTTGGAGCGCAGACATGTAGTTGA
 GAAGTGAGAGTGAGGTGGGGAGAGAAAAAAGGTGAGGCGATGTGGAACGCCCTCTGACA
 GAAGAGGAGTGGAGGAAGGTGAGGAAGGTGAAGCTGCCAGGAAGGTGAGGCTCCAGAAA

GGTGAGGCTGCCAGGAAGCTGTCCTTCCGTCCGCCTGCAAGAGCCAGAGCTCCTGAAATC
CTGTGAATGCCCCAAAACCTTCCAAACAGAGCATCTTCAAAGCTATTGCCTTTTGTCTG
ATCTAAATTCCTGCTAAAATGAAAAAACTCTAAAGCTGCAGAGAAGAACTTCTTTGGA
GGCATAAAAACAAAACCTCACGTTTTTTTCTCAGCGCATTGCTGGTTTTGGACGCCAG
GAGATGGCAGACGCCTCCAGCTCTGACTGACAGGACAGAGCGGCACAAAGAGACGCCCC
TCGCACGCGCCTTTTATACTGCAGCCGTTTTTTGGAGCGCGGTGGGCGGGGCCAGGGGCC
CCGCGCGGGGACCGTACTTATTCAGACAAACAACCTGAACGGCTCATTCTGCACTCATCC
TGACGGAGGGACACCGGCAGCGACCATC