

> **CTCF peak:** dna:chromosome 7:NCBI36:7:34829940:34830992:Forward  
GTTATTTATCAGTGCTTTTCCAATTGCACTTCCCACAGTGACCCCAGAGGGCTCATTTT  
GCTGGCCTGCTCCAGGGCAGATCTGGGAGCTGCTGGCTGTCTCAGTTTCAACCAAAGATA  
CCTGAGCTTTCAACACTTTCCTATACTGGGTT**CG**AGATAAAATTATATTTGAAGAAAGGA  
TCTTACTACCTGAAAAAAAAATGCCACTTGTACAAGTTCATATTTCTTAACAGGAAAAGAT  
GGTCATAACAGGCTTTTCAGAGGAAAAAAAAATTAG**N**TTACA**NG**TAGGATCTGTATCATGA  
TCTCATTCTAAATGTGTAATCTATGTATTATATATGCATG**CG**TTATCAAAATTTAAGCT  
TGA**CG**TTTCTGGTTGGTGCCACTATGGATTTTTTT**N**CTTTT**CG**CTTATTTTTATTTGCTA  
GTGTTTCTATAATCAATGTGTGTAACCTATA**CG**ATTTTATAAAAAGGTAAATGAGTTACA  
TGGAAAAGAGGAAGGCTAAG**CG**GCAGAGAAGTACAGAAATGGACAAGAGCACATGGAAGA  
GGGAGTCTGACTTTC**CG**GGGGTGAGAAACATGAGACAGTCTACCTTATATGCAAACCTGC  
ATTTTATCTGTT**CG**ATCCTGGATCCTTCAGCCCTGAGAAGTCACTCTTCATGGCAAATGG  
GCTCAGCTGCCTGGAAGGCCATCAGTCTCCCTGCTGTGGCAGCTG**CG**TCACAGCCTAAGA  
GAGTGGGGCTTTCACAGTGTAGCCCAGCACCAGTAAGAGAAAAACAGCTCCAAGCCTAT  
ACCCTGCTGGGCCTTTGGGGAAACATCTT**CG**GAGACCTTGGTAGAATTGATTCTAAAGTA  
TGATTCTATACTCTCTCCCTGTCCATCCCTCTCAAAAAGTGAATGCACTGTTTATCCATC  
AAGTGGAAACTTTGTGGGGCCCAG**N**AGTCACA**CG**TTGCCCTTAAGAGTGCCCTGGAACCT  
ATAGAAGAAGATGACATTAGAATTCTAACCATTGAAAGAACAAGAGCACAGGGGGCAGCT  
ACT**N**ATGTCACCCAGGACCATAGAAACCCATCA