

Human Ribonucleotide Redutase 2 Promoter

.....AACACCATCAAACAGTAAGAGGGGTCCTTCTTG -1078

TAGTAGAGCGACAGCCACTTTTTCTTTTTCTTTTTCTTCTCTTTTTAATGGCAGAGGC -1018

GGGGTCTCACTATGTTGCCCAGGATGTCTCCAGCTCCTGGCCTCAAACAATCCTCCTGCC -958
SP-1

GTGGCCTCCCAAAGTCTGGGATTACAGGCGTGAACCGCGCCAGCCACAGTTTGCAATT -898
SP-1

CTTAAGGCAAGGGTGACAATAGGGGTCAGGGGTCTGACAGGAGACAGGATTTCTGTGGAA -838
C/EBP

AACTGCACCAAGGGCCTTCTCGCCATGTGCCGTAGTTTGAAGGTTTACAAAGGACTGCAC -778

ATTTTACATGAGTCATCTCAACGAACGCTCTCCTCACCGCATTAACAGTCCACGCGGTTA -718

CGAGTCCCATTTTACTCACGGGGACACCGAATCTGTAAGAAGCCTGGTTCGCTTGTCCCAG -658

CAAAACGAGCCACGGGGCTCAGCGGCCTAACTTTTAGGCTGTAGGGTCTCGCCGACCAC -598

CCCGCCAAAATGTCAGGCCTCGGGGCTTGCACCCCCACCGCAGACACGGATCGAAAGGG -538
AP-2

TCGCAGCAACGCTCCCCCGCACCCAGGAGCGTTTTCCAGGCCTTTGCACCAACCTCGTTG -478

CTAAGCCCCTGCCCGGCGGGCGGCCCGGCTGGAGGAGGTGCTTTCGGGAGGCGGGGCGCGG -418
AP-2 **SP-1**

CGGGATCCTCTCGCGCCCGCGCTCCAATCGCTGCTCCTCACGCAATCCTAAACGGTTCCC -358
CCAAT

GGGCGAACGGCCCGCGCGCCCAAGGCCCGGAGACCTCAGGGGCTGCCGTGGTCCCGC -298

GGATGTGGGGCCTGGGCGGCGGCGCCCCGACCCAGCCAGCGGACGGGCCGGGGGGGAA -238
AP-2

CGGGAGGTCCGGGGGGCGTCCACGGGGGTGTCCCCGGGGGTCTCCGGAAGCGCCGGCGGA -178

GGCTCCCGTCGGCTTGAAAATCGCGCGCGCCCGCGGCCAGCCTGGGTAGGGGCAAGCGCA -118
2nd ca

GCCAATGGGAAGGGTTCGGAGGCATGCACAGCCAATGGGAAGGGCCGGGGCACC AAAGCCA -58
CCAAT **CCAAT** **CCAAT**

ATGGGAAGGGCCGGGAGCCGGCGCGGGAGATTTAAAGGCTGCTGGAGTGAGGGGTCCGCC +3
TATA **1st ca +1**

GTGCACCCTGTCCAGCCGTCTGTCTGGCTGCTCGCTCTGCTTCGCTGCGCCTCCACT +63

ATGCTCTCCCTCCGTGTCCCGCTCGCGCCCATCACGGACCCGCAGCAGCTGCAGCTCTCG
METLeuSerLeuArgValProLeuAlaProIleThrAspProGlnGlnLeuGlnLeuSer