

## Human ZNF280D Promoter and Predicted TF Binding Sites

### *CCAAT/Enhancer*

1 AAAATGCTATTACAGGTTAATATGCAGATGGCAGAGTTAGGAATTAGAGTGTGCAAGTTA  
1 TTTTACGATAATGTCCAATTATACGTCTACCGTCTCAATCCTTAATCTCACACGTTCAAT

### *Hepatic nuclear factor 1*

61 ATCATTCTAATTGGGTCACCTCTTGTTCATAGCCAATAAAAGAATGGAGAAGCCAGTGCTG  
61 TAGTAAGATTAACCCAGTGAGAACAGTATCGGTTGATTTTCTTACCTCTTCGGTCACGAC

### *Cart-1 CCAAT Binding Factors*

121 GGGGAAGCCCTCAGGGCACATAACATTGCTCTAAGAATGGAATTCTCAGCAAGCCTGGCT  
121 CCCCTTCGGGAGTCCCCTGTATTGTAACGAGATTCTTACCTTAAGAGTCGTTCCGGACCGA

### *Grainyhead-like 3*

181 GCTGAAACCGCTGCTGTAACCTGAAACAGGTTTTATCTTCAGGTTTTAGCTTCTCAAAG  
181 CGACTTTGGCGGACGACATTGGACTTTGTCCAAAATAGAAGTCCAAAATCGAAGAGTTTC

### *MEF3 Binding Sites*

241 AACCTGCTGCAGCTGTAGGGCAAGCTTTACCAAGCCCCTTCCCTCACCAGTCAGAACTAA  
241 TTGGACGACGTCGACATCCCCTTCGAAATGGTTCCGGGAAGGGAGTGGTCAGTCTTGATT

### *POZ/ZFP Repressor Heat shock factor 2*

301 CCAGCTACCCAAAACCTTTACTAAATGTCAACGAACTTTCTAGAAAAACAATAGATAACTT  
301 GGTTCGATGGGTTTTGAAATGATTTACAGTTGCTTGAAAGATCTTTTTGTTATCTATTGAA

### *MYT1 C2HC ZFP Heat shock factor 1 POZ/ZFP Repressor*

361 TTTTTAAAAATAAAACCCCCTAACTCCTCTTTGTTCTTCTGACATACTGAAGACCACC  
361 AAAAATTTTTTATTTTGGGGGATTGAGGAGAAAACAAGAAGACTGTATGACTTCTGGTGGG

### *CCAAT/Enhancer*

421 TGTATGTGTAATAACCTGAACTTGAATTCTGTGTCCCAAATAAAACGCTAAATGTAC  
421 ACATACACATTTATTGGACTTGAACGTTAAGGACACAGGGTTTATTTTGCATTTACATG

### *TATA Box*

481 AGATTTCGTCTCTTCGTATTTGACCTCGACAGGGAACGCAAGCAAACCACACATTTAAA  
481 TCTAAGCAGAGAAGCATAAACTGGAGCTGTCCCTTGCCTTCGTTTTGGTGTGTAATTTT

541 CAGACTTGGTAAAATCAGCTCGTTATTTAAAGAAACGGACGATTCTTTTTCTCTCCTGG  
541 GTCTGAACCATTTTAGTCGAGCAATAAATTTCTTTCCTGCTAAGGAAAAGAGAGGACC

601 TTTAGTCTTCGACCCACAGGCCCTTGTCTTTTCGAACGGCGGCTGTATCCCATGACCT  
601 AAATCAGAAGCTGGGTGTCCGGGAACGAAGAAAGCTTGCCGCGGACATAGGGTACTGGA

661 TTTCACCTTCCAAGCCAACGGACTGGGGTTCGTTACACACGCGGAGGGCCCGGAACGCAC  
661 AAAGTGAAAGGTTTCGGTTGCCTGACCCCCAGCAATGTGTGCGCCCTCCCGGCCTTGCCTG

### *CCAAT/Enhancer*

721 GGCTCCTCGCCTGCAAATCCGAGCAGTCCGGATTTTGGGGCTGCCTCCCGGCCACACCA  
721 CCGAGGAGCGGACGTTTAAGGCTCGTCAGGCCTAAAACCCCGACGGAGGGCCGGTGTGGT

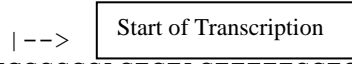
781 GCCAGCAGCTCGCACCCACATGGAGGCAGGGCCCTGGCCCTCGCCCCGGACCGGCGCGTG  
781 CGGTCGTCGAGCGTGGGTGTACCTCCGTCCCGGGACCGGGAGCGGGCCTGGCCGCGCAC

841 GCGGGGCGCGTGGGTCTTCGAGGGCCCGCGACGCGGGCGCACATGCCGGTGCCCGCCTCCC  
841 CGCCCCGCGCACCCAGAAGCTCCCGGGCGCTGCGCCGCGTGTACGGCCACGGGCGGAGGG

*EGR3*

901 GCGTCCGGCGAGAAGACAGGGAGCTCGGACACGGGGAGGCTGACCCGGAGCCTACCCATGA  
901 CGCAGCCGCTCTTCTGTCCCTCGAGCCTGTGCCCTCCGACTGGGCCTCGGATGGGTACT

961 GGCAGCGCGCCGGCTGCACGAGAGCCCCCCTTTCCACGGCTCGGCTGCCAGCTCCGCA  
961 CCGTCGCGCGGCCGACGTGCTCTCGGGGGGGAAAGGTGCCGAGCCGACGGTCGAGGCGT



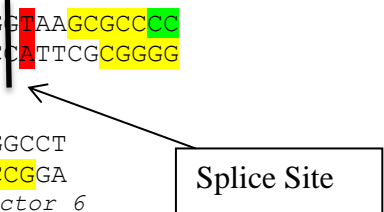
1021 ATGGGAGCCGCCCGCTCGCCGACGTGTAGTTTTTCGTGCTCCTCCTTTTCCTCCTCCTC  
1021 TACCCTCGGCGGGCGGCAGCGGCGTACATCAAAAAGCACGAGGAGGAAAAGGAGGAGGAG

1081 TTTCTCCTCCTCCTCAGGGCTCCAGTCAGGCCGATCCGCTCCGCTCACGCTAAGCGCCCC  
1081 AAAGAGGAGGAGGAGTCCCGAGGTCAGTCCGGCTAGGCGAGGCGAGTGCATTTCGCGGGG

Kruppel-like ZFP 219

1141 CCGCCCCCGCCCGCCCTGCGCTGCAGCAGGCAGAGGCCCTCCCGCGCGGCCT  
1141 GGGCGGGGGCGGGCGGGGACGCGACGTCGTCCGTC TCCGGGAGGGCGCGCCGGA

*EGR1 Stimulating Protein 1 E2F Transcription Factor 6*



Extended Promoter

gcgccgc ctactccgg gggcgctgga ctgggggtct tgaggccggc  
gcgggtcgtc gggagcgcgc agagcgcggg ggaggagacc ggct