



UNC93B1 (NM\_030930.4) - cDNA - 2026-06-24

GGGCGGTCGC AGGACTCCG GGGCGACCGC CGCGAGTCCG CAGTAGTTCG -5  
GGCCATGGAG GCGGAGCCGC CGCTCTACCC GATGGCGGGG GCTGCGGGGC 46  
CGCAGGGCGA CGAGGACCTG CTCGGGGTCC CGGACGGGCC CGAGGCCCCG 96  
CTGGACGAGC TGGTGGGCGC GTACCCCAAC TACAACGAGG AGGAGGAGGA 146 E49dup  
GCGCCGCTAC TACCGCCGCA AGCGCCTGGG CGTGCTCAAG AACGTGCTGG 196 R50S L65V  
CTGCCAGCGC CGGGGGCATG CTCACCTACG GCGTCTACCT GGGCCTCCTG 246  
CAGATGCAGC TGATCCTGCA CTACGACGAG A~~C~~CTACCGCG AGGTGAAGTA 296 E92G T93I  
TGGCAACATG GGGCTGCCCG ACATCGACAG CAAAATGCTG ATGGGCATCA 346  
ACGTGACTCC CATCGCCGCC CTGCTCTACA CACCTGTGCT CATCAGGTTT 396 Y117L L129I  
TTTGGAACGA AGTGGATGAT GTTCCCTCGCT GTGGGCATCT ACGCCCTCTT 446  
TGTCCTCACC AACTACTGGG AGCGCTACTA CACGCTTGTG CCCTCGGCTG 496 R157H S164L  
TGGCCCTGGG CATGGCCATC GTGCCCTCTT GGGCTTCCAT GGGCAACTAC 546  
ATCACCAGGA TGGCGCAGAA GTACCATGAG TACTCCCACT ACAAGGAGCA 596  
GGATGGGCAG GGGATGAAGC AGCGGCCTCC GCGGGGCTCC CACGCGCCCT 646 P209L  
ATCTCCTGGT CTTCCAAGCC ATCTTCTACA GCTTCTTCCA TCTGAGCTTC 696  
GCCTGCGCCC AGCTGCCCAT GATTTATTTT CTGAACCACT ACCTGTATGA 746  
CCTGAACCAC ACGCTGTACA ATGTGCAGAG CTGCGGCACC AACAGCCACG 796  
GGATCCTCAG CGGCTTCAAC AAGACGGTTC TCGGACGCT CCCGCGGAGC 846  
GGAAACCTCA TTGTGGTGGG GAGCGTGCCT ATGGCAGTGG CCTTCTGGC 896 F297L A299S  
CATGCTGCTG GTGCTGGGTT TGTGCGGAGC CGCTTACCGG CCCACGGAGG 946 T314A  
AGATCGATCT GCGCAGCGTG GGCTGGGCA ACATCTTCCA GCTGCCCTTC 996 I317M G325C L330R  
AAGCACGTGC GTGACTACCG CCTGCGCCAC CTCGTGCCTT TCTTTATCTA 1046 R336C R336L

CAGCGGCTTC GAGGTGCTCT TTGCCTGCAC TGGTATCGCC TTGGGCTATG 1096  
GCGTGTGCTC GGTGGGGCTG GAGCGGCTGG CTTACCTCCT CGTGGCTTAC 1146 V380M  
AGCCTGGGCG CCTCAGCCGC CTCACCTCCTG GGCCCTGCTGG GCCTGTGGCT 1196 A388Y  
GCCACGCCCG GTGCCCCTGG TGGCCGGAGC AGGGGTGCAC CTGCTGCTCA 1246 P404S  
CCTTCATCCT CTTTTTCTGG GCCCCTGTGC CTCGGGTCCT GCAACACAGC 1296  
TGGATCCTCT ATGTGGCAGC TGCCCTTTGG GGTGTGGGCA GTGCCCTGAA 1346  
CAAGACTGGA CTCAGCACAC TCCTGGGAAT CTTGTACGAA GACAAGGAGA 1396  
GA CAGGACTT CATCTTCACC ATCTACCACT GGTGGCAGGC TGTGGCCATC 1446 R466S  
TTCACCGTGT ACCTGGGCTC GAGCCTGCAC ATGAAGGCTA AGCTGGCGGT 1496 V485M  
GCTGCTGGTG ACGCTGGTGG CGGCCGCGGT CTCTACCTG CGGATGGAGC 1546  
AGAAGCTGCG CCGGGGCGTG GCCCCGCCC AGCCCCGCAT CCCGCGGCCC 1596 R525P P532T  
CAGCACAAGG TCGCGGGTTA CCGCTACTTG GAGGAGGACA ACTCGGACGA 1646  
GAGCGACGCG GAGGGCGAGC ATGGGGACGG CGCGGAGGAG GAGGCGCCGC 1696 G554D  
CCGCAGGGCC CAGGCCTGGC CCCGAGCCCG CTGGACTCGG CCGCCGGCCC 1746 E574Q P575H  
TGCCCGTACG AACAGGCGCA GGGGGAGAC GGGCCGGAGG AGCAGTGAGG \*2 G590W G590R G591E G593R  
GGCCGCTGG TCCCCGACT CAGCCTCCCT CCTCGCCGGC CTCAGTTTAC \*52  
CACGTCTGAG GTCGGGGGGA CCCCCCCGA GTCCCGCGCT GTCTTCAAAG \*102  
GCCCCTGTCT CCCCTCCCC ACGTTGGGGA CGCCCTCCC AGAGCCCAGG \*152  
TCACCTCCGG GCTTCCGCAG CCCCCCCTCAA GCGGAGTGG AGCCTTGGGA \*202  
ACCCCTCGGC CAAGCACAGG GGTTCGAAAA TACAGCTGAA ACCCCGCGGG \*252  
CCCTTAGCAC GCGCCCCAGC GCCGGAGCAC GGTGAGGTC TTCTTGCGAC \*302  
CCGGCCCCGT CCAGATCCCC ACAGCTCTCG GCCGCGGACC CGGGCCCGGT \*352  
GTGAGCGCAC TTTGCACCTC CTATCCCCAG GGTCCGCCGA GAGCCACGAT \*402  
TTTTTACAGA AAATGAGCAA TAAAGAGATT TTGTACTGTC CTGA

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