



NCSTN (NM_015331.3) - cDNA - 2026-06-04

AGCAGAGAGG CAAGATGGCT ACGGCAGGGG GTGGCTCTGG GGCTGACCCG 36
GGAAGTCGGG GTCTCCTTCG CCTTCTGTCT TTCTGCGTCC TACTAGCAGG 86
TTTGTGCAGG GGAAACTCAG TGGAGAGGAA GATATATATC CCCTTAAATA 136 G33R
AAACAGCTCC CTGTGTTTCG CTGCTCAACG CCACTCATCA GATTGGCTGC 186
CAGTCTTCAA TTAGTGGAGA CACAAGGGTT ATCCACGTAG TAGAGAAAGA 236 Thr70fsX18 V75I
GGAGGACCTA CAGTGGGTAT TGACTGATGG CCCCAACCCC CCTTACATGG 286 p.P73Lfs*15
TTCTGCTGGA GAGCAAGCAT TTTACCAGGG ATTTAATGGA GAAGCTGAAA 336
GGGAGAA_CCA GCCGAATTGC TGGTCTTGCA GTGTCCTTGA CCAAGCCCAG 386 T115fs R117X R117Q
TCCTGCCTCA GGCTTCTCTC CTAGTGTACA GTGCCCAAAT GATGGGTTTG 436
GTGTTTACTC CAATTCCAT GGGCCAGAGT TTGCTCACTG CAGAGAAATA 486 I162Yfs*57
CAGTGAAATT CGCTGGCAA TGGTTTGCT TATGAAGACT TTAGTTTCCC 536 p.Gln163SerfsX39 S166X
CATCTTCTT CTTGAAATG AAAATGAAAC CAAAGTCATC AAGCAGTGCT 586 F181S D185N
ATCAAGATCA CAACCTGAGT CAGAATGGCT CAGCACCAAC CTTCCACTA 636 P211R
TGTGCCATGC AGCTCTTTT ACACATGCAT GCTGTCATCA GCACTGCCAC 686 Q216P S219Ffs*31 c.687insCC
CTGCATGCGG CGCAGCTCCA TCCAAAGCAC CTTCAGCATC AACCCAGAAA 736
TCGTCTGTGA CCCCTGTCT GATTACAATG TGTGGAGCAT GCTAAAGCCT 786
ATAAATACAA CTGGGACATT AAAGCCTGAC GACAGGGTTG TGGTTGCTGC 836
CACCCGGCTG GATAGTCGTT CCTTTTTCTG GAATGTGGCC CCAGGGGCTG 886
AAAGCGCAGT GGCTTCCTTT GTCACCCAGC TGGCTGCTGC TGAAGCTTTG 936 c.887A>G
CAAAAGG_CAC CTGATGTGAC CACCCTGCCC CGCAATGTCA TGTTTGTCTT 986 A315V
CTTTCAAGGG GAAACTTTTG ACTACATTGG CAGCTCGAGG ATGGTCTACG 1036
ATATGGAGAA GGGCAAGTTT CCCGTGCAGT TAGAGAATGT TGACTCATT 1086

GTGGAGCTGG GACAGGTGGC CTTAAGAACT TCATTAGAGC TTTGGATGCA 1136 [c.1125+1G>A](#)
 CACAGATCCT GTTTCCTCAGA AAAATGAGTC TGTACGGAAC CAGGTGGAGG 1186 [D381Sfs*7](#)
 ATCTCCTGGC CACATTGGAG AAGAGTGGTG CTGGTGTCCC TGCTGTCATC 1236
 CTCAGGAGGC CAAATCAGTC CCAGCCTCTC CCACCATCTT CCCTGCAGCG 1286 [Q420X](#)
 ATTTCTTCGA GCTCGAAACA TCTCTGGCGT TGTTCCTGGCT GACCACTCTG 1336 [p.Arg434X](#)
 GTGCCTTCCA TAACAAATAT TACCAGAGTA TTTACGACAC TGCTGAGAAC 1386
 ATTAATGTGA GCTATCCCGA ATGGCTGAGC CCTGAAGAGG ACCTGAACTT 1436
 TGTAACAGAC ACTGCCAAGG CCCTGGCAGA TGTGGCCACG GTGCTGGGAC 1486
 GTGCTCTGTA TGAGCTTGCA GGAGGAACCA ACTTCAGCGA CACAGTTCAG 1536
 GCTGATCCCC AAACGGTTAC CCGCCTGCTC TATGGGTTCC TGATTAAAGC 1586
 CAACAACCTCA TGGTTCAGT CTATCCTCAG GCAGGACCTA AGGTCCTACT 1636 [Y545X](#)
 TGGGTGACGG GCCTCTTCAA CATTACATCG CTGTCTCCAG CCCCACCAAC 1686
 ACCACTTATG TTGTACAGTA TGCCTTGGCA AATTTGACTG GCACAGTGGT 1736 [Y565X](#) [Q568X](#)
 CAACCTCACC CGAGAGCAGT GCCAGGATCC AAGTAAGTC CCAAGTGAAA 1786 [E584DfsX44](#) [c.1768A>G](#)
 ACAAGGATCT GTATGAGTAC TCATGGGTCC AGGGCCCTTT GCATTCTAAT 1836 [c.1799delTG](#)
 GAGACGGACC GACTCCCCCG GTGTGTGCGT TCTACTGCAC GATTAGCCAG 1886
 GGCCTTGTCT CCTGCCTTTG AACTGAGTCA GTGGAGCTCT ACTGAATACT 1936
 CTACATGGAC TGAGAGCCGC TGGAAAGATA TCCGTGCCCG GATATTTCTC 1986
 ATCGCCAGCA AAGAGCTTGA GTTGATCACC CTGACAGTGG GCTTCGGCAT 2036
 CCTCATCTTC TCCCTCATCG TCACCTACTG CATCAATGCC AAAGCTGATG 2086
 TCCTTTTCAT TGCTCCCCGG GAGCCAGGAG CTGTGTCATA **CTG**AGGAGGA *6
 CCCAGCTTT TCTTGCCAGC TCAGCAGTTC ACTTCCTAGA GCATCTGTCC *56
 CACTGGGACA CAACCACTAA TTTGTCACTG GAACCTCCCT GGGCCTGTCT *106
 CAGATTGGGA TTAACATAAA AGAGTGGAAC TATCCAAAAG AGACAGGGAG *156
 AAATAAATAA ATTGCCTCCC TTCCTCCGCT CCCCTTTCCC ATCACCCTT *206
 CCCCATTTCC TCTTCCTTCT CTACTCATGC CAGATTTTGG GATTACAAAT *256
 AGAAGCTTCT TGCTCCTGTT TAACCCCTA GTTACCCACC CTAATTTGCC *306
 CTTCAGGACC CTTCTACTTT TTCCTTCCTG CCCTGTACCT CTCTCTGCTC *356

CTCACCCCA CCCCTGTACC CAGCCACCTT CCTGACTGGG AAGGACATAA *406
AAGGTTTAAT GTCAGGGTCA AACTACATTG AGCCCCTGAG GACAGGGGCA *456
TCTCTGGGCT GAGCCTACTG TCTCCTTCCC ACTGTCCTTT CTCCAGGCCC *506
TCAGATGGCA CATTAGGGTG GGCGTGCTGC GGGTGGGTAT CCCACCTCCA *556
GCCCACAGTG CTCAGTTGTA CTTTTTATTA AGCTGTAATA TCTATTTTTG *606
TTTTTGCTT TTTCCTTTAT TCTTTTTGTA AATATATATA TAATGAGTTT *656
CATTAAAATA GATTATCCCA CA

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