

PSMB4 (NM_002796.3) - cDNA - 2026-11-25

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GCTACCGTGA CTAAGATGGA AGCGTTTTTG GGGTCGCGGT CCGGACTTTG 35    c.-9G>A M1T
GGCGGGGGGT CCGGCCCCAG GACAGTTTTA CCGCATTCCG TCCACTCCCG 85    G15R p.P16Sfs*45
ATTCCTTCAT GGATCCGGCG TCTGCACTTT ACAGAGGTCC AATCACGCGG 135
ACCCAGAACC CCATGGTGAC CGGGACCTCA GTCCTCGGCG TTAAGTTCGA 185
GGGCGGAGTG GTGATTGCCG CAGACATGCT GGGATCCTAC GGCTCCTTGG 235   p.(Leu78Trpfs?31)
CTCGTTTCCG CAACATCTCT CGCATTATGC GAGTCAACAA CAGTACCATG 285
CTGGGTGCCT CTGGCGACTA CGCTGATTTC CAGTATTTGA AGCAAGTTCT 335
CGGCCAGATG GTGATTGATG AGGAGCTTCT GGGAGATGGA CACAGCTATA 385
GTCCTAGAGC TATTCATTCA TGGCTGACCA GGGCCATGTA CAGCCGGCGC 435
TCGAAGATGA ACCCTTTGTG GAACACCATG GTCATCGGAG GCTATGCTGA 485   Y160C
TGGAGAGAGC TTCCTCGGTT ATGTGGACAT GCTTGGTGTA GCCTATGAAG 535
CCCCTTCGCT GGCCACTGGT TATGGTGCAT ACTTGGCTCA GCCTCTGCTG 585
CGAGAAGTTC TGGAGAAGCA GCCAGTGCTA AGCCAGACCG AGGCCCGCGA 635   p.D212_V214del
CTTAGTAGAA CGCTGCATGC GAGTGCTGTA CTACCGAGAT GCCCGTTCTT 685   Y222X
ACAACCGGTT TCAAATCGCC ACTGTCACCG AAAAAGGTGT TGAAATAGAG 735
GGACCATTGT CTACAGAGAC CAACTGGGAT ATTGCCCACA TGATCAGTGG 785   P247S
CTTTGAATGA AATACAGATG CATTATCCAG AACTGAAGTT GCCCTACTTT *40
TAACTTTGAA CTTGGCTAGT TCAAAGATAG ACTCTTCTTT TGTAAAGTAA *90   *45delT
ATAAATTCTT CAAAATGC
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