



*PSMB4* (NM\_002796.3) - cDNA - 2025-01-07

GCTACCGTGA CTAAGATGGA AGCGTTTTTG GGGTCGCGGT CCGGACTTTG 35 c.-9G>A M1T  
GGCGGGGGGT CCGGCCCCAG GACAGTTTTA CCGCATTCCG TCCACTCCCC 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 CGCTGATTTT CAGTATTTGA AGCAAGTTCT 335  
CGGCCAGATG GTGATTGATG AGGAGCTTCT GGGAGATGGA CACAGCTATA 385  
GTCCTAGAGC TATTCATTCA TGGCTGACCA GGGCCATGTA CAGCCGGCGC 435  
TCGAAGATGA ACCCTTTGTG GAACACCATG GTCATCGGAG GCTATGCTGA 485 Y160C  
TGGAGAGAGC TTCTTCGGTT ATGTGGACAT GCTTGGTGTA GCCTATGAAG 535  
CCCCTTCCGT 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 ATTGCCACACA TGATCAGTGG 785 P247S  
CTTTGAATGA AATACAGATG CATTATCCAG AACTGAAGTT GCCCTACTTT \*40  
TAACTTTGAA CTTGGCTAGT TCAAAGATAG ACTCTTCTTT TGTAAGTAA \*90 \*45delT  
ATAAATCTT CAAAATGC

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