



**PSMB4 (NC\_000001.10, GRCh37) - gDNA - 2024-09-12**

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**GCTACC**GTGA **CTAAGA**ATGGA **AGCGTTTTTG** **GGGTCGCGGT** **CCGACTTTG** 151372098 **c.-9G>A MIT**  
**GGCGGGG**GGT **CCGGCCCCAG** **GACAGTTTTA** **CCGCATTCCG** **TCCACTCCCC** 151372148 **G15R p.P16Sfs\*45**

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CGAGGGCGGA GTGGTGATTG CCGCAGACAT GCTGGGATCC TACGGCTCCT 151372548 [p.\(Leu78Trpfs?31\)](#)  
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**PSMB4 (NC\_000001.10, GRCh37) - gDNA - 2024-09-12**

