



*PLCG2* (NM\_002661.5) - cDNA + Protein - 2024-06-20

AGAAGTAGCG AGCGCCGGCG GCGGAGGGCG TGAGCGGCGC TGAGTGACCC -132  
GAGTCGGGAC GCGGGCTGCG CGCGCGGGAC CCCGGAGCCC AAACCCGGGG -82  
CAGGCGGGCA GCTGTGCCCG GCGGACACGG CCAGCTTCCT GATTTCTCCC -32  
GATTCCTTCC TTCTCCCTGG AGCGGCCGAC **AATG**TCCACC ACGGTCAATG 19  
MetSerThr ThrValAsnV 7

TAGATTCCCT TGC~~G~~AATAT GAGAAGAGCC AGATCAAGAG AG~~C~~CCTGGAG 69 **A21V**  
alAspSerLe uAlaGluTyr GluLysSerG lnIleLysAr gAlaLeuGlu 23

CTGGGGA~~C~~GG TG~~A~~TGACTGT GTTCAGCTTC CGCAAGTCCA CCCCCGAGCG 119 **T26M M28L**  
LeuGlyThrV alMetThrVa lPheSerPhe ArgLysSerT hrProGluAr 40

GAGAACCGTC CAGGTGATCA TGGAGACGCG GCAGGTGGCC TGGAGCAAGA 169  
gArgThrVal GlnValIleM etGluThrAr gGlnValAla TrpSerLysT 57

CCGCTG~~A~~CAA GATCGAGGGC TTCTTGATA TCATGGAAAT AAAAGAAATC 219 **D59G**  
hrAlaAspLy sIleGluGly PheLeuAspI leMetGluIl eLysGluIle 73

CGCCCAGGGA AGAACTCCAA AGATTTTCGAG CGAGCAAAAG CAGTTCGCCA 269  
ArgProGlyL ysAsnSerLy sAspPheGlu ArgAlaLysA laValArgGl 90

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erThrLeuSe rLeuAlaAla AspSerLysG luAspAlaVa lAsnTrpLeu 123

TCTGGCTTGA AAATCTTACA CCAGGAAGCG ATGAATGCGT CCACGCCCAC 419 [P139S](#)

SerGlyLeuL ysIleLeuHi sGlnGluAla MetAsnAlaS erThrProTh 140

CATTATCGAG AGTTGGCTGA GAAAGCAGAT ATATTCTGTG GATCAAACCA 469

rIleIleGlu SerTrpLeuA rgLysGlnIl eTyrSerVal AspGlnThrA 157

GAAGAAACAG CATCAGTCTC CGAGAGTTGA AGACCATCTT GCCCCTGATC 519 [I169V](#)

rgArgAsnSe rIleSerLeu ArgGluLeuL ysThrIleLe uProLeuIle 173

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eGlyAlaHis LysAspGluL euSerPheGl uGlnPheHis LeuPheTyrL 207

AAAACTTAT GTTTGAACAG CAAAAATCG A TTCTCGATGA ATTCAAAAAG 669 [S216L](#)

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AspSerSerV alPheIleLe uGlyAsnThr AspArgProA spAlaSerAl 240

TGTTTACCTG CATGACTTCC AGAGGTTTCT CATAATGAA CAGCAGGAGC 769 [H244R](#)

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ATTGGGCTCA GGATCTGAAC AAAGTCCGTG AGCGGATGAC AAAGTTCATT 819 [R268W](#)

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heSerSerIl eTyrAlaLeu IleGlnHisT yrArgGluTh rHisLeuArg 623

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CysAlaGluP heGluLeuAr gLeuThrAsp ProValProA snProAsnPr 640

[CCACGAGTCC](#) [AAGCC](#)[GTGGT](#) [ACTATGACAG](#) [CCTGAGCCGC](#) [GGAGAGGCAG](#) 1969 [del Exon19 5.9kb](#) [del Exon19 4.8kb](#)

oHisGluSer LysProTrpT yrTyrAspSe rLeuSerArg GlyGluAlaG 657

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[CGAGAGGGGA](#) [GCGACTCCTA](#) [TGCCATCACC](#) [TTCAG](#)[GGCTA](#) [GGGGCAAGGT](#) 2069 [del Exon20-22](#)

ArgGluGlyS erAspSerTy rAlaIleThr PheArgAlaA rgGlyLysVa 690

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