



*NLRP12* (NM\_144687.4) - cDNA + Protein - 2026-04-17

TCTCTCCAA CCACTGGCTC AGCCTCTCCG CCCGCTGCCT GTGAATGATG -91 c.-140T>A  
CAATGGAAGG TGTGCTGGGG TCGCCCTGTG TCCCGTGCAT AGGAGCATCT -41  
CAGCCTCCAG GTCCTCTCCT TTGGGGCTCA CGGCACCCCC ATGCTACGAA 10 c.-12C>T  
MetLeuArgT 4  
  
CCGCAGGCAG GGACGGCCTC TGTCGCCTGT CCACCTACTT GGAAGAACTC 60  
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GAGGCTGTGG AACTGAAGAA GTTCAAGTTA TACCTGGGGA CCGCGACAGA 110  
GluAlaValG luLeuLysLy sPheLysLeu TyrLeuGlyT hrAlaThrGl 37  
  
GCTGGGAGAA GGCAAGATCC CCTGGGGAAG CATGGAGAAG GCCGGTCCCC 160 G39V c.154G>A  
uLeuGlyGlu GlyLysIleP roTrpGlySe rMetGluLys AlaGlyProL 54  
  
TGAAATGGC CCAGCTGCTC ATCACCCACT TCGGGCCAGA GGAGGCCTGG 210 W70\*  
euGluMetAl aGlnLeuLeu IleThrHisP heGlyProGl uGluAlaTrp 70  
  
AGGTTGGCTC TCAGCACCTT TGAGCGGATA AACAGGAAG ACCTGTGGGA 260  
ArgLeuAlaL euSerThrPh eGluArgIle AsnArgLysA spLeuTrpGl 87  
  
GAGAGGACAG AGAGAGGACC TGGTGAGGA TACCCACCT GGTGGCCCGT 310  
uArgGlyGln ArgGluAspL euValArgAs pThrProPro GlyGlyProS 104

CCTCACTTGG GAACCAGTCA ACATGCCTTC TGGAAGTCTC TCTTGTCACT 360  
erSerLeuGl yAsnGlnSer ThrCysLeuL euGluValSe rLeuValThr 120

CCAAGAAAAG ATCCCAGGA AACCTACAGG GACTATGTCC GCAGGAAATT 410 [Q126X](#)  
ProArgLysA spProGlnGl uThrTyrArg AspTyrValA rgArgLysPh 137

CCGGCTCATG GAA~~G~~ACCGCA ~~A~~TGCGC~~G~~CCT AGGGGAATGT GTCAACCTCA 460 [D142N](#) [N144S](#) [R146H](#)  
eArgLeuMet GluAspArgA snAlaArgLe uGlyGluCys ValAsnLeuS 154

GCCACCGGTA CACCCGGCTC CTGCTGGTGA AGGAGCACTC AAACCCCATG 510  
erHisArgTy rThrArgLeu LeuLeuValL ysGluHisSe rAsnProMet 170

CAGGTCCAGC AGCAGCTTCT GGACA~~C~~AGGC ~~C~~GGGGACACG CGAGGACCGT 560 [T179I](#) [R181W](#)  
GlnValGlnG lnGlnLeuLe uAspThrGly ArgGlyHisA laArgThrVa 187

GGGACACCAG GCTAGCCCCA TCAAGATAGA GACCCTCTTT GAGCCAGA~~C~~G 610 [D203D](#)  
lGlyHisGln AlaSerProI leLysIleGl uThrLeuPhe GluProAspG 204

AGGAGCGCCC CGAGCCAC~~C~~G CGCACCGTGG TCATGCAAGG ~~C~~GCGGCAGGG 660 [P210L](#) [A218T](#)  
luGluArgPr oGluProPro ArgThrValV alMetGlnGl yAlaAlaGly 220

ATAGGCAAGT CCATGCTGGC ACACAAGGTG ATGCTGGACT GGGCGGACGG 710  
IleGlyLyss erMetLeuAl aHisLysVal MetLeuAspT rpAlaAspGl 237

GAAGCTCTTC CAAGGCAGAT TTGATTATCT CTTCTACATC AA~~C~~TGCAGGG 760 [N251K](#)  
yLysLeuPhe GlnGlyArgP heAspTyrLe uPheTyrIle AsnCysArgG 254

AGATGAACCA GAGTGCCACG GAATGCAGCA TGCAAGACCT CATCTTCAGC 810 [T260M](#)  
luMetAsnGl nSerAlaThr GluCysSerM etGlnAspLe uIlePheSer 270

TGCTGGCCTG AGCCCAGCGC GCCTCTCCAG GAGCTCATCC GAGTTCCCGA 860 [P273P](#) [R284X](#) [P286L](#)  
CysTrpProG luProSerAl aProLeuGln GluLeuIleA rgValProGl 287

GCGCCTCCTT TTCATCATCG [ACGGCTTCGA](#) TGAGCTCAAG CCTTCTTTCC 910 [D294E](#) [G295fs](#) [H304Y](#)  
uArgLeuLeu PheIleIleA spGlyPheAs pGluLeuLys ProSerPheH 304

ACGATCCTCA GGGACCCTGG TGCCTCTGCT GGGAGGAGAA [ACGGCCCACG](#) 960 [P319R](#)  
isAspProGl nGlyProTrp CysLeuCysT rpGluGluLy sArgProThr 320

GAGCTGCTTC TTAACAGCTT [AATTCGGAAG](#) AAGCTGCTCC CTGAGCTATC 1010 [R329Q](#)  
GluLeuLeuL euAsnSerLe uIleArgLys LysLeuLeuP roGluLeuSe 337

TTTGCTCATC [ACCACACGGC](#) CCACGGCTTT GGAGAAGCTC [CACCGTCTGC](#) 1060 [T341I](#) [R343Q](#) [R352C](#)  
rLeuLeuIle ThrThrArgP roThrAlaLe uGluLysLeu HisArgLeuL 354

TGGAGCACCC CAGGCATGTG GAGATCCTGG GCTTCTCTGA [GGCAGAAAG](#) 1110 [c.1109G>A](#)  
euGluHisPr oArgHisVal GluIleLeuG lyPheSerGl uAlaGluArg 370

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LysGluTyrP heTyrLysTy rPheHisAsn AlaGluGlnA laGlyGlnVa 387

CTTCAATTAC GTGAGGGACA ACGAGCCTCT CTTACCCATG TGCTTCGTCC 1210 [F402L](#)  
lPheAsnTyr ValArgAspA snGluProLe uPheThrMet CysPheValP 404

[CCTGGTGTG](#) [CTGGGTGGTG](#) TGTACCTGCC TCCAGCAGCA GCTGGAGGGT 1260 [P404L](#) [W408\\*](#)

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GlyGlyLeuL euArgGlnTh rSerArgThr ThrThrAlaV alTyrMetLe 437

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GlnGluGluG luPheIleGl nGlnAlaLeu SerHisPheG lnValIleVa 637

GGTCAGCAAC ATGCTCCA AGATGGAGCA CATGGTCTCC TCGTTCTGTC 1960 I641T S651\*

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SerAlaAspG lyGluAspAr gAlaArgCys SerAlaGlyA laHisThrLe 687

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TyrArgAsnA laLeuGlySe rArgGlyVal LysLeuLeuC ysGlnGlyLe 737

CAGACACCCC AACTGCAAAC TTCAGAACCT GAGGCTGAAG AGGTGCCGCA 2260 N241S R753H

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TAATGATCAG CCTCCTTCCT AGAGACAGAC TCATGCAGAT TGAGATCAAA \*124

AGTCCCTCTG CTTGGGATCA AATTAATGTT TGACAGAGCT GGCCAGGCGT \*174

GGTGGCTCAT GTATGTAATC CTAGCACTTC GAGAGGCCGA GGCAGGTGGA \*224

TCACGAGGTC AGGAGTTTGA GATTAGCCTG GCCAAGATGG TGAAACCCTG \*274

TCTCTACTAA AAATAAAAAA AAATTAGCCA GCA

*NLRP12* (NM\_144687.4) - cDNA + Protein - 2026-04-17

