



NLRP12 (NM_144687.4) - cDNA + Protein - 2024-05-19

ICTCTCCAA 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
hrAlaGlyAr gAspGlyLeu CysArgLeuS erThrTyrLe uGluGluLeu 20

GAGGCTGTGG AACTGAAGAA GTTCAAGTTA TACCTGGGGA CCGCGACAGA 110
GluAlaValG luLeuLysLy sPheLysLeu TyrLeuGlyT hrAlaThrGl 37

GCTGGAGAA GGCAAGATCC CCTGGGGAAG CATGGAGAAG GCCGGTCCCC 160 G39V c.154G>A
uLeuGlyGlu GlyLysIleP roTrpGlySe rMetGluLys AlaGlyProL 54

TGGAAATGGC CCAGCTGCTC ATCACCCACT TCGGGCCAGA GGAGGCCTGG 210 W70*
euGluMetAl aGlnLeuLeu IleThrHisP heGlyProGl uGluAlaTrp 70

AGGTTGGCTC TCAGCACCTT TGAGCGGATA AACAGGAAGG ACCTGTGGGA 260
ArgLeuAlaL euSerThrPh eGluArgIle AsnArgLysA spLeuTrpGl 87

GAGAGGACAG AGAGAGGACC TGGTGAGGGA TACCCACCT GGTGGCCCGT 310
uArgGlyGln ArgGluAspL euValArgAs pThrProPro GlyGlyProS 104

CCTCACTTGG GAACCAGTCA ACATGCCTTC TGGAAGTCTC TCTTGTCAC 360
erSerLeuG1 yAsnGlnSer ThrCysLeuL euGluValSe rLeuValThr 120

CCAAGAAAAG ATCCCAGGA AACCTACAGG GACTATGTCC GCAGGAAATT 410 [Q126X](#)
ProArgLysA spProGlnG1 uThrTyrArg AspTyrValA rgArgLysPh 137

CCGGCTCATG GAAACCGCA ATGCGCGCCT 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 GGACAAGGC CGGGGACACG CGAGGACCGT 560 [T179I](#) [R181W](#)
GlnValGlnG lnGlnLeuLe uAspThrGly ArgGlyHisA laArgThrVa 187

GGGACACCAG GCTAGCCCCA TCAAGATAGA GACCCTCTTT GAGCCAGAAG 610 [D203D](#)
lGlyHisGln AlaSerProI leLysIleG1 uThrLeuPhe GluProAspG 204

AGGAGCGCCC CGAGCCACAG CGCACCGTGG TCATGCAAGG CGCGGCAGGG 660 [P210L](#) [c.625G>A](#)
luGluArgPr oGluProPro ArgThrValV alMetGlnG1 yAlaAlaGly 220

ATAGGCAAGT CCATGCTGGC ACACAAGGTG ATGCTGGACT GGGCGGACGG 710
IleGlyLysS erMetLeuAl aHisLysVal MetLeuAspT rpAlaAspG1 237

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

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

GCGCCTCCTT TTCATCATCG ACGGCTTCGA TGAGCTCAAG CCTTCTTTC 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](#) [R352C](#)
 rLeuLeuIle ThrThrArgP roThrAlaLe uGluLysLeu HisArgLeuL 354

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

AAGGAATACT TCTACAAGTA TTTCCACAAT GCAGAGCAGG CGGGCCAAGT 1160 [K371Nfs*20](#)
 LysGluTyrP heTyrLysTy rPheHisAsn AlaGluGlnA laGlyGlnVa 387

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 lPheAsnTyr ValArgAspA snGluProLe uPheThrMet CysPheValP 404

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CTACCIGCTG AGTCTGATGC AACCCAAGCC GGGGGCCCCG CGCCTCCAGC 1360 [L439Q](#) [G448A](#)

uTyrLeuLeu SerLeuMetG lnProLysPr oGlyAlaPro ArgLeuGlnP 454

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ThrArgSerH isLeuGluLy sSerLeuCys TrpLysValS erProHisIl 587

[CAAGATGGAC](#) [CTGTTGCAGT](#) [GGATCCAAAG](#) [CAAAGCTCAG](#) [AGCGACGGCT](#) 1810 [L591M](#)
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[CCACCCTGCA](#) [GCAGGGCTCC](#) [TTGGAGTTCT](#) [TCAGCTGCTT](#) [GTACGAGATC](#) 1860
erThrLeuGl nGlnGlySer LeuGluPheP heSerCysLe uTyrGluIle 620

[CAGGAGGAGG](#) [AGTTTATCCA](#) [GCAGGCCTG](#) [AGCCACTTCC](#) [AGGTGATCGT](#) 1910 [A629D](#)
GlnGluGluG luPheIleGl nGlnAlaLeu SerHisPheG lnValIleVa 637

[GGTCAGCAAC](#) [ATGTCCTCCA](#) [AGATGGAGCA](#) [CATGGTCTCC](#) [TCGTTCTGTC](#) 1960 [I641T](#) [S651*](#)
lValSerAsn IleAlaSerL ysMetGluHi sMetValSer SerPheCysL 654

[TGAAGCGCTG](#) [CAGGAGCGCC](#) [CAGGTGCTGC](#) [ACTTGTATGG](#) [CGCCACCTAC](#) 2010
euLysArgCy sArgSerAla GlnValLeuH isLeuTyrGl yAlaThrTyr 670

[AGCGCGGACG](#) [GGGAAGACCG](#) [CGCGAGGTGC](#) [TCCGCAAGAG](#) [CGCACACGCT](#) 2060 [G683R](#)
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uLeuValGln LeuProGluA rgThrValLe uLeuAspAla TyrSerGluH 704

[ATCTGGCAGC](#) [GGCCCTGTGC](#) [ACCAATCCAA](#) [ACCTGATAGA](#) [GCTGTCTCTG](#) 2160 [L710P](#) [N712S](#)
isLeuAlaAl aAlaLeuCys ThrAsnProA snLeuIleGl uLeuSerLeu 720

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AGACTCCAGA AACTGTGGCT GGATAGCTGT GGCCTCACAG CCAAGGCTTG 2960 D978H S979G
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CTGAGATCTG GACAGAGGAA GATGGGAGGG TGCTCATCAC CCCCCAGCA *74

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NLRP12 (NM_144687.4) - cDNA + Protein - 2024-05-19

