



NLRP7 (NM_001127255.2) - cDNA + Protein - 2026-05-25

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GACCTGAGGG AGTTCCTCAG CCTTAACCTA AGGTCTCATA CTCGGAGCAC -2
TATGACATCG CCCCAGCTAG AGTGGACTCT GCAGACCCTT CTGGAGCAGC 49
MetThrSer ProGlnLeuG luTrpThrLe uGlnThrLeu LeuGluGlnL 17

TGAACGAGGA TGAATTAAAG AGTTTCAAAT CCCTTTTATG GGCTTTTCCC 99
euAsnGluAs pGluLeuLys SerPheLysS erLeuLeuTr pAlaPhePro 33

CTCGAAGACG TGCTACAGAA GACCCCATGG TCTGAGGTGG AAGAGGCTGA 149
LeuGluAspV aLeuGlnLy sThrProTrp SerGluValG luGluAlaAs 50

TGGCAAGAAA CTGGCAGAAA TTCTGGTCAA CACC TCCTCA GAAAATTGGA 199 T61TfsX7 W66* W66C
pGlyLysLys LeuAlaGluI leLeuValAs nThrSerSer GluAsnTrpI 67

TAAGGAATGC GACTGTGAAC ATCTTGAAG AGATGAATCT CACGGAATTG 249 N73N
leArgAsnAl aThrValAsn IleLeuGluG luMetAsnLe uThrGluLeu 83

TGTAAAGATGG CAAAGGCTGA GATGATGGAG GACGGACAGG TGCAAGAAAT 299 C84Y E99X
CysLysMetA laLysAlaGl uMetMetGlu AspGlyGlnV alGlnGluIl 100

AGATAATCCT GAGCTGGGAG ATGCAGAAGA AGACTCGGAG TTAGCAAAGC 349 E113GfsX7 K116X
eAspAsnPro GluLeuGlyA spAlaGluGl uAspSerGlu LeuAlaLysP 117
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TrpLysAsnT hrPheTrpGl nGlyAspIle AspAsnPheH isAspAspVa 150

CACTCTGAGA AACCAACGGT TCATTCCATT CTTGAATCCC AGAACACCCA 499 [R156Q](#)
lThrLeuArg AsnGlnArgP heIleProPh eLeuAsnPro ArgThrProA 167

GGAAGCTAAC ACCTTACACG GTGGTGCTGC ACGGCCCCGC AGGCGTGGGG 549 [V182M](#)
rgLysLeuTh rProTyrThr ValValLeuH isGlyProAl aGlyValGly 183

AAAACCACGC TGGCCAAAA GTGTATGCTG GACTGGACAG ACTGCAACCT 599 [T185del](#) [M192L](#) [W195X](#)
LysThrThrL euAlaLysLy sCysMetLeu AspTrpThrA spCysAsnLe 200

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uSerProThr LeuArgTyrA laPheTyrLe uSerCysLys GluLeuSerA 217

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rgMetGlyPr oCysSerPhe AlaGluLeuI leSerLysAs pTrpProGlu 233

TTGCAGGATG ACATTCCAAG CATCCTAGCC CAAGCACAGA GAATCCTGTT 749 [L234S](#) [A243V](#) [F250C](#)
LeuGlnAspA spIleProSe rIleLeuAla GlnAlaGlnA rgIleLeuPh 250

CGTGGTCGAT GGCCTTGATG AGCTGAAAGT CCCACCTGGG GCGCTGATCC 799 [F250L](#)
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lnAspIleCy sGlyAspTrp GluLysLysL ysProValPr oValLeuLeu 283

GGGAGTTTGC TGAAGAGGAA GATGTTACCC AGGGCAGCCT TGCTGGTCAC 899
GlySerLeuL euLysArgLy sMetLeuPro ArgAlaAlaL euLeuValTh 300

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rThrArgPro ArgAlaLeuA rgAspLeuGl nLeuLeuAla GlnGlnProI 317

TCTACGTAAG GGTGGAGGGC TTCCTGGAGG AGGACAGGAG GGCCTATTTTC 999 [V319I](#) [R329K](#)
leTyrValAr gValGluGly PheLeuGluG luAspArgAr gAlaTyrPhe 333

CTGAGACACT TTGGAGACGA GGACCAAGCC ATGCGTGCCT TTGAGCTAAT 1049 [D339D](#) [E340K](#) [E340Qfs*11](#)
LeuArgHisP heGlyAspGl uAspGlnAla MetArgAlaP heGluLeuMe 350

GAGGAGCAAC GCGGCCCTGT TCAGCTGGG CTCGGCCCCC GCGGTGTGCT 1099 [F357L](#)
tArgSerAsn AlaAlaLeuP heGlnLeuGl ySerAlaPro AlaValCysT 367

GGATTGTGTG CACGACTCTG AAGCTGCAGA TGGAGAAGGG GGAGGACCCG 1149 [I368I](#) [I368M](#) [K379K](#) [K379N](#) [G380R](#) [P383L](#)
rpIleValCy sThrThrLeu LysLeuGlnM etGluLysGl yGluAspPro 383

GTCCCCACCT GCCTCACCCG CAGGGGCTG TTCTGCGTT TCCTCTGCAG 1199 [R390Afs*26](#) [R390H](#) [T391A](#) [F394F](#) [L398R](#) [C399Y](#)
ValProThrC ysLeuThrAr gThrGlyLeu PheLeuArgP heLeuCysSe 400

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rArgPhePro GlnGlyAlaG lnLeuArgGl yAlaLeuArg ThrLeuSerL 417

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GACCTGGAAA GGCTCGGGGT GCAGGAGTCC GACCTCCGTC TGTTCCCTGGA 1349 D434D L435L

AspLeuGluA rgLeuGlyVa lGlnGluSer AspLeuArgL euPheLeuAs 450

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pGlyAspIle LeuArgGlnA spArgValSe rLysGlyCys TyrSerPheI 467

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AlaLysValV alValAlaPr oPheLysGlu IleSerIleH isLeuThrAs 600

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nThrSerGlu ValMetHisC ysSerPheSe rLeuLysHis CysGlnAspL 617

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MetAspPheG luLeuAspIl eGluPheGlu ArgCysThrT yrLeuThrIl 650

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rArgSerThr CysHisLeuG lnLysValGl uIleLysAsn ValThrProA 717

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rgLeuGlyG1 yHisCysAla ThrProGluG lnTrpAlaG1 uPhePheTyr 783

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ysHisPheLe uGlnMetLeu SerLeuGluA snCysArgLe uThrGluAla 833

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nGluAlaCys SerLeuThrA snLeuAspLe uSerIleAsn GlnIleAlaA 917

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LysHisLeuA rgLeuTrpSe rCysSerLeu MetProPheT yrCysGlnHi 950

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GCCAGAATCA TTTGTGGAAG AGTGGCATAA TTAAGCTCTT TGGGGTTCTA 2949 [G981Rfs](#)

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rAsnLeuGlu IleLysLysL euLeuGluGl uValLysGlu LysAsnProL 1017

AGCTGACTAT TG~~A~~TTGCAAT GCTTCCGGGG CA~~A~~CGGCACC TCCGTGCTGT 3099 [D1021V](#) [T1028A](#)

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NLRP7 (NM_001127255.2) - cDNA + Protein - 2026-05-25

