



NLRC4 (NM_021209.4) - cDNA + Protein - 2024-05-17

AAGCCCCTGG CTGTTTATAC TCCGGAGGGT GTCCCCGTGC GTCATCGGTG -226
GAGTGGACCA AAAGTGGTGA TCTGTTTGCC CTGTGTGACC TTGCCAGAA -176
CCCTGCTGAC TGAGAGAACA CATCTGCTGG AAGTCCTCTG GGATTCAAGG -126
TACAGGGAAT GAAGAGTAGT TTTACAGAAA AAAGAGGACA ATATTGGGAT -76
CACCTTTGAC CTTTCCATTT GGAAATAATA TTTTCTATTG TGTATAGAA -26
AGGTGGGAAG CTTTCATCCA GAACAATGAA TTTCATAAAG GACAATAGCC 25

MetAs nPheIleLys AspAsnSerA 9

GAGCCCTTAT TCAAAGAATG GGAATGACTG TTATAAAGCA AATCACAGAT 75
rgAlaLeuIl eGlnArgMet GlyMetThrV alIleLysGl nIleThrAsp 25

GACCTATTTG TATGGAATGT TCTGAATCGC GAAGAAGTAA ACATCATTTG 125
AspLeuPheV alTrpAsnVa lLeuAsnArg GluGluValA snIleIleCy 42

CTGCGAGAAG GTGGAGCAGG ATGCTGCTAG AGGGATCATT CACATGATTT 175
sCysGluLys ValGluGlnA spAlaAlaAr gGlyIleIle HisMetIleL 59

TGAAAAAGGG TT~~C~~AGAGTCC TGTAACCTCT TT~~C~~TTAAATC CCTTAAGGAG 225 ~~E64Rfs*4~~ ~~L70F~~
euLysLysGl ySerGluSer CysAsnLeuP heLeuLysSe rLeuLysGlu 75

TGGAACATC CTCTATTTCA GGACTTGAAT GGACAAAGTC TTTTTCATCA 275
TrpAsnTyrP roLeuPheGl nAspLeuAsn GlyGlnSerL euPheHisGl 92

GACATCA**G**AA GGAGACTTGG ACGATTTGGC TCAGGATTTA AAGGACTTGT 325 [E95*](#)
nThrSerGlu GlyAspLeuA spAspLeuAl aGlnAspLeu LysAspLeuT 109

ACCATACCCC ATCTTTTCTG AACTTTTATC CCCTTGGTGA AGATA**T**TGAC 375 [I124I](#)
yrHisThrPr oSerPheLeu AsnPheTyrP roLeuGlyGl uAspIleAsp 125

ATTATTTTTTA ACTTGAAAAG CA**C**CTTCACA GAACCTGTCC TGTGGAGGAA 425 [I133I](#)
IleIlePheA snLeuLysSe rThrPheThr GluProValL euTrpArgLy 142

GGACCAACAC CATCACCGCG TGGAGCAGCT GACCCTGAAT GGCCTCCTGC 475
sAspGlnHis HisHisArgV alGluGlnLe uThrLeuAsn GlyLeuLeuG 159

AG**G**CTCTTCA GAGCCCC**I**GC ATCATTGAAG GGGAAT**C**T**G**G CAAAGGCAAG 525 [A160T](#) [C165R](#) [S171F](#) [G172S](#)
lnAlaLeuGl nSerProCys IleIleGluG lyGluSerGl yLysGlyLys 175

TCC**A**C**T**CTGC TGCAG**C**GAAT TGCCATGCTC TGGGGCTCCG GAAAGTGCAA 575 [T177A](#) [T177S](#) [R181X](#)
SerThrLeuL euGlnArgIl eAlaMetLeu TrpGlySerG lyLysCysLy 192

GGCTCTGACC AAGTTCAAAT TCGTCTTCTT CCTCC**G**TCTC AGCA**G**GGCCC 625 [R204H](#) [R207K](#)
sAlaLeuThr LysPheLysP heValPhePh eLeuArgLeu SerArgAlaG 209

AGGGTGGACT TTTTGAAACC CTCTGTGATC AACTCCTGGA TATACCTGGC 675
lnGlyGlyLe uPheGluThr LeuCysAspG lnLeuLeuAs pIleProGly 225

ACAATCAGGA AGCAGACATT CATGGCCATG CTGCTGAAGC TCGGGCAGAG 725
ThrIleArgL ysGlnThrPh eMetAlaMet LeuLeuLysL euArgGlnAr 242

GGTTCTTTTC CTTCTTGATG GCTACAATGA ATTCAAGCCC CAGAACTGCC 775

gValLeuPhe LeuLeuAspG lyTyrAsnGl uPheLysPro GlnAsnCysP 259

CAGAAATCGA AGCCCTGATA AAGGAAAACC ACCGCTTCAA GAACATGGTC 825

roGluIleGl uAlaLeuIle LysGluAsnH isArgPheLy sAsnMetVal 275

ATCGTCACCA CTACCACTGA GTGCCTGAGG CACATACGGC AGTTTGGTGC 875 [C283G](#) [I287T](#) [G291S](#)

IleValThrT hrThrThrGl uCysLeuArg HisIleArgG lnPheGlyAl 292

CCTGACTGCT GAGGTGGGGG ATATGACAGA AGACAGCGCC CAGGCTCTCA 925

aLeuThrAla GluValGlyA spMetThrGl uAspSerAla GlnAlaLeuI 309

TCCGAGAAGT GCTGATCAAG GAGCTTGCTG AAGGCTTGTT GCTCCAAATT 975 [R310*](#)

leArgGluVa lLeuIleLys GluLeuAlaG luGlyLeuLe uLeuGlnIle 325

CAGAAATCCA GGTGCTTGAG GAATCTCATG AAGACCCCTC TCTTTGTGGT 1025 [T337S](#) [T337N](#) [L339P](#) [V341L](#) [V341A](#)

GlnLysSerA rgCysLeuAr gAsnLeuMet LysThrProL euPheValVa 342

CATCACTTGT GCAATCCAGA TGGGTGAAAG TGAGTTCCAC TCTCACACAC 1075 [I343N](#)

lIleThrCys AlaIleGlnM etGlyGluSe rGluPheHis SerHisThrG 359

AAACAACGCT GTTCCATACC TTCTATGATC TGTTGATACA GAAAAACAAA 1125

lnThrThrLe uPheHisThr PheTyrAspL euLeuIleGl nLysAsnLys 375

CACAAACATA AAGGTGTGGC TGCAAGTGAC TTCAITCGGA GCCTGGACCA 1175 [I387I](#) [H392del](#)

HisLysHisL ysGlyValAl aAlaSerAsp PheIleArgS erLeuAspHi 392

CTGTGGAGAC CTAGCTCTGG AGGGTGTGTT CTCCCACAAG TTTGATTTCG 1225

sCysGlyAsp LeuAlaLeuG luGlyValPh eSerHisLys PheAspPheG 409

AACTGCAGGA TGTGTCCAGC GTGAATGAGG ATGTCCTGCT GACAACTGGG 1275

luLeuGlnAs pValSerSer ValAsnGluA spValLeuLe uThrThrGly 425

CTCCTCTGTA AATATACAGC TCAAAGGTTT AAGCCAAAGT ATAAATTCTT 1325

LeuLeuCysL ysTyrThrAl aGlnArgPhe LysProLysT yrLysPhePh 442

TCACAAGTCA TTCCAGGAGT ACACAGCAGG ACGAAGACTC AGCAGTTTAT 1375 [H443P](#) [H443Q](#) [S445P](#)

eHisLysSer PheGlnGluT yrThrAlaGl yArgArgLeu SerSerLeuL 459

TGACGTCTCA TGAGCCAGAG GAGGTGACCA AGGGGAATGG TTACTTGACG 1425

euThrSerHi sGluProGlu GluValThrL ysGlyAsnGl yTyrLeuGln 475

AAAATGGTTT CCATTTCGGA CATTACATCC ACTTATAGCA GCCTGCTCCG 1475

LysMetValS erIleSerAs pIleThrSer ThrTyrSerS erLeuLeuAr 492

GTACACCTGT GGGTCATCTG TGGAAGCCAC CAGGGCTGTT ATGAAGCACC 1525

gTyrThrCys GlySerSerV alGluAlaTh rArgAlaVal MetLysHisL 509

TCGCAGCAGT GTATCAACAC GGCTGCCTTC TCGGACTTTC CATCGCCAAG 1575

euAlaAlaVa lTyrGlnHis GlyCysLeuL euGlyLeuSe rIleAlaLys 525

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ArgProLeuT rpArgGlnGl uSerLeuGln SerValLysA snThrThrGl 542

GCAAGAAATT CTGAAAGCCA TAAACATCAA TTCCTTTGTA GAGTGTGGCA 1675

uGlnGluIle LeuLysAlaI leAsnIleAs nSerPheVal GluCysGlyI 559

TCCATTTATA TCAAGAGAGT ACATCCAAAT CAGCCCTGAG CCAAGAATTT 1725
leHisLeuTy rGlnGluSer ThrSerLysS erAlaLeuSe rGlnGluPhe 575

GAAGCTTTCT TTCAAGGTAA AAGCTTATAT ATCAACTCAG GGAACATCCC 1775
GluAlaPheP heGlnGlyLy sSerLeuTyr IleAsnSerG lyAsnIlePr 592

CGATTACTTA TTTGACTTCT TTGAACATTT GCCCAATTGT GCAAGTGCCC 1825
oAspTyrLeu PheAspPheP heGluHisLe uProAsnCys AlaSerAlaL 609

TGGACTTCAT TAAACTGGAC TTTTATGGGG GAGCTATGGC TTCATGGGAA 1875
euAspPheIl eLysLeuAsp PheTyrGlyG lyAlaMetAl aSerTrpGlu 625

AAGGCTGCAG AAGACACAGG TGGAATCCAC ATGGAAGAGG CCCCAGAAAC 1925
LysAlaAlaG luAspThrGl yGlyIleHis MetGluGluA laProGluTh 642

CTACATTCCC AGCAGGGCTG TATCTTTGTT CTTCAACTGG AAGCAAGGAAT 1975 [W655S](#) [W655C](#) [Q657L](#)
rTyrIlePro SerArgAlaV alSerLeuPh ePheAsnTrp LysGlnGluP 659

TCAGGACTCT GGAGGTCACA CTCCGGGATT TCAGCAAGTT GAATAAGCAA 2025
heArgThrLe uGluValThr LeuArgAspP heSerLysLe uAsnLysGln 675

GATATCAGAT ATCTGGGGAA AATATTCAGC TCTGCCACAA GCCTCAGGCT 2075
AspIleArgT yrLeuGlyLy sIlePheSer SerAlaThrS erLeuArgLe 692

GCAAATAAAG AGATGTGCTG GTGTGGCTGG AAGCCTCAGT TTGGTCCTCA 2125
uGlnIleLys ArgCysAlaG lyValAlaGl ySerLeuSer LeuValLeuS 709

GCACCTGTAA GAACATTTAT TCTCTCATGG TGGAAGCCAG TCCCCTCACC 2175

erThrCysLy sAsnIleTyr SerLeuMetV alGluAlaSe rProLeuThr 725

ATAGAAGATG AGAGGCACAT CACATCTGTA ACAAACCTGA AACCTTGAG 2225

IleGluAspG luArgHisIl eThrSerVal ThrAsnLeuL ysThrLeuSe 742

TATTCATGAC CTACAGAATC AACGGCTGCC GGGTGGTCTG ACTGACAGCT 2275 [P752L](#) [delexon5](#)

rIleHisAsp LeuGlnAsnG lnArgLeuPr oGlyGlyLeu ThrAspSerL 759

TGGGTAACCTT GAAGAACCTT ACAAAGCTCA TAATGGATAA CATAAAGATG 2325 [M775I](#)

euGlyAsnLe uLysAsnLeu ThrLysLeuI leMetAspAs nIleLysMet 775

AATGAAGAAG ATGCTATAAA ACTAGCTGAA GGCCCTGAAAA ACCTGAAGAA 2375 [G786V](#)

AsnGluGluA spAlaIleLy sLeuAlaGlu GlyLeuLysA snLeuLysLy 792

GATGTGTTTA TTTCATTTGA CCCACTTGTC TGACATTGGA GAGGGAATGG 2425

sMetCysLeu PheHisLeuT hrHisLeuSe rAspIleGly GluGlyMetA 809

ATTACATAGT CAAGTCTCTG TCAAGTGAAC CCTGTGACCT TGAAGAAATT 2475

spTyrIleVa lLysSerLeu SerSerGluP roCysAspLe uGluGluIle 825

CAATTAGTCT CTGCTGCTT GTCTGCAAAT GCAGTGAAAA TCCTAGCTCA 2525

GlnLeuValS erCysCysLe uSerAlaAsn AlaValLysI leLeuAlaGl 842

GAATCTTCAC AATTTGGTCA AACTGAGCAT TCTTGATTTA TCAGAAAATT 2575

nAsnLeuHis AsnLeuValL ysLeuSerIl eLeuAspLeu SerGluAsnT 859

ACCTGGAAAA AGATGGAAAT GAAGCTCTTC ATGAACTGAT CGACAGGATG 2625

yrLeuGluLy sAspGlyAsn GluAlaLeuH isGluLeuIl eAspArgMet 875

AACGTGCTAG AACAGCTCAC CGCACTGATG CTGCCCTGGG GCTGTGACGT 2675 Q880E C890R

AsnValLeuG luGlnLeuTh rAlaLeuMet LeuProTrpG lyCysAspVa 892

GCAAGGCAGC CTGAGCAGCC TGTGAAACA TTTGGAGGAG GTCCCACAAC 2725

lGlnGlySer LeuSerSerL euLeuLysHi sLeuGluGlu ValProGlnL 909

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euValLysLe uGlyLeuLys AsnTrpArgL euThrAspTh rGluIleArg 925

ATTTTAGGTG CATTTTTTGG AAAGAACCCT CTGAAAACT TCCAGCAGTT 2825 A929S

IleLeuGlyA laPhePheGl yLysAsnPro LeuLysAsnP heGlnGlnLe 942

GAATTTGGCG GGAAATCGTG TGAGCAGTGA TGGATGGCTT GCCTTCATGG 2875

uAsnLeuAla GlyAsnArgV alSerSerAs pGlyTrpLeu AlaPheMetG 959

GTGTATTTGA GAATCTTAAG CAATTAGTGT TTTTGGACTT TAGTACTAAA 2925

lyValPheGl uAsnLeuLys GlnLeuValP hePheAspPh eSerThrLys 975

GAATTTCTAC CTGATCCAGC ATTAGTCAGA AACTTAGCC AAGTGTTATC 2975

GluPheLeuP roAspProAl aLeuValArg LysLeuSerG lnValLeuSe 992

CAAGTTAACT TTTCTGCAAG AAGCTAGGCT TGTGGGGTGG CAATTTGATG 3025

rLysLeuThr PheLeuGlnG luAlaArgLe uValGlyTrp GlnPheAspA 1009

ATGATGATCT CAGTGTTATT ACAGGTGCTT TTAAACTAGT AACTGCTTAA

spAspAspLe uSerValIle ThrGlyAlaP heLysLeuVa lThrAlaSto 1025

ATAAAGTGTA CTCGAAGCCA GTAA

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