

Infevers - NLRP3 (NM_001243133.2) - cDNA + Protein - 2023-02-09

GTTCTGAGG	CTGGCATCTG	GATGAGGAAA	CTGAAGTTGA	GGAATAGTGA	-720	
AGAGTTTGTG	CAATGTCATA	GCCCCGTAAT	CAACGGGACA	AAAATTTTCT	-670	
TGCTGATGGG	TCAAGATGGC	ATCGTGAAGT	GGTTGTTTAC	CGTAAACTGT	-620	
AATACAATCC	TGTTTATGGA	TTTGTTTGCA	TATTTTTTCC	TCCATAGGGA	-570	
AACCTTTCTT	CCATGGCTCA	GGACACACTC	CTGGATCGAG	CCAACAGGAG	-520	
AACTTTCTGG	TAAGCATTTG	GCTAACTTTT	TTTTTTTTGA	GATGGAGTCT	-470	
TGCTGTGTCG	CCTAGGCTGG	AGTGCAGTGG	CGTGATCTTG	GCTCACTGCA	-420	
GCCTCCACTT	CCCGGGTTCA	ATCAATTCTC	CTACCTCAAC	TTCCTGAGTA	-370	
GCTGGGATTA	CAGGCGCCCG	CCACCACACC	CGGCTCATTT	TTGTACTTTT	-320	
AGTAGAGACA	CAGTTTTGCC	ATGTTGGCCA	GGCTGGTCTT	GAATTCCTCA	-270	
GCTCAGGTGA	TCTGCCTGCC	TTGGCCTCTC	AAAGTGCTGG	GATTACAGGC	-220	
GTGAGCCACT	GTGCCCGGCC	TTGGCTAACT	TTTCAAAATT	AAAGATTTTG	-170	
ACTTGTTACA	GTCATGTGAC	ATTTTTTTCT	TTCTGTTTGC	TGAGTTTTTG	-120	
ATAATTTATA	TCTCTCAAAG	TGGAGACTTT	AAAAAAGACT	CATCCGTGTG	-70	
CCGTGTTTAC	TGCCTGGTAT	CTTAGTGTGG	ACCGAAGCCT	AAGGACCCTG	-20	c.-40G>T
AAAACAGCTG	CAGATGAAGA	TGGCAAGCAC	CCGCTGCAAG	CTGGCCAGGT	31	
	M etAlaSerTh	rArgCysLys	LeuAlaArgT		11	
ACCTGGAGGA	CCTGGAGGAT	GTGGACTTGA	AGAAATTTAA	GATGCACTTA	81	D19H
yrLeuGluAs	pLeuGluAsp	ValAspLeuL	ysLysPheLy	sMetHisLeu	27	
GAGGACTATC	CTCCCCAGAA	GGGCTGCATC	CCCCTCCCGA	GGGGTCAGAC	131	D31V
GluAspTyrP	roProGlnLy	sGlyCysIle	ProLeuProA	rgGlyGlnTh	44	
AGAGAAGGCA	GACCATGTGG	ATCTAGCCAC	GCTAATGATC	GACTTCAATG	181	H49R
rGluLysAla	AspHisValA	spLeuAlaTh	rLeuMetIle	AspPheAsnG	61	
GGGAGGAGAA	GGCGTGGGCC	ATGGCCGTGT	GGATCTTCGC	TGCGATCAAC	231	M68T A69A V70M A75V
lyGluGluLy	sAlaTrpAla	MetAlaValT	rpIlePheAl	aAlaIleAsn	77	
AGGAGAGACC	TTTATGAGAA	AGCAAAAAGA	GATGAGCCGA	AGTGGGGTTC	281	D88Y
ArgArgAspL	euTyrGluLy	sAlaLysArg	AspGluProL	ysTrpGlySe	94	
AGATAATGCA	CGTGTTTCGA	ATCCCCTGTG	GATATGCCAG	GAAGACAGCA	331	R98G R98H
rAspAsnAla	ArgValSerA	snProThrVa	lIleCysGln	GluAspSerI	111	
TTGAAGAGGA	GTGGATGGGT	TTACTGGAGT	ACCTTTCGAG	AATCTCTATT	381	S123L

leGluGluG1 uTrpMetGly LeuLeuGluT yrLeuSerAr gIleSerIle 127

TGTA~~AA~~AATGA AGAAAGATTA CCGTAAGAAG TACAGAAAGT ACGTGAGAAG 431 [R135H](#) [Y141Y](#)
CysLysMetL ysLysAspTy rArgLysLys TyrArgLysT yrValArgSe 144

CAGATTCCAG TGCATTGAAG ACAGGAATGC CCGTCTGGGT GAGAGTGTGA 481 [C148Y](#) [E150E](#)
rArgPheGln CysIleGluA spArgAsnAl aArgLeuGly GluSerValS 161

GCCTCAACAA ACGCTACACA CGACTGCGTC TCATCAAGGA GCACCGGAGC 531 [R168Q](#) [R170S](#) [R170H](#) [I172T](#) [K173E](#) [R176W](#)
erLeuAsnLy sArgTyrThr ArgLeuArgL euIleLysGl uHisArgSer 177

CAGCAGGAGA GGGAGCAGGA GCTTCTGGCC ATCGGCAAGA CCAAGACGTC 581 [T193K](#) [T195M](#)
GlnGlnGluA rgGluGlnGl uLeuLeuAla IleGlyLysT hrLysThrCy 194

TGAGAGCCCC GTGAGTC~~CCA~~ TTAAGATGGA GTTGCTGTTT GACCCCGATG 631 [S196N](#) [V198M](#) [P200T](#) [E204G](#) [D211N](#)
sGluSerPro ValSerProI leLysMetGl uLeuLeuPhe AspProAspA 211

ATGAGCATTG TGA~~GC~~CTGTG CACACCGTGG TGTTCAGGG GGC~~GC~~CAGGG 681 [H213R](#) [T219T](#) [A225V](#) [G227G](#)
spGluHisSe rGluProVal HisThrValV alPheGlnGl yAlaAlaGly 227

ATTGGGAAAA CAATCCTG~~GC~~ CAGGAAGATG ATGTTGGACT GGGCGTCGGG 731 [T231T](#) [L233L](#) [A242A](#)
IleGlyLysT hrIleLeuAl aArgLysMet MetLeuAspT rpAlaSerGl 244

GACACTCTAC CAAGACAGGT TTGACTAT~~CT~~ GTTCTATATC CACTGT~~TC~~GAG 781 [p.L254M](#) [C259W](#) [R260W](#) [R260L](#) [R260P](#) [R260Q](#) [R260R](#)
yThrLeuTyr GlnAspArgP heAspTyrLe uPheTyrIle HisCysArgG 261

AGG~~T~~GAGC~~CT~~ TGTG~~A~~CACAG AGGAGCCTGG GGGACCTGAT CATGAGCTGC 831 [V262A](#) [V262G](#) [L264F](#) [L264V](#) [L264H](#) [L264R](#) [L264P](#) [T266P](#)
luValSerLe uValThrGln ArgSerLeuG lyAspLeuIl eMetSerCys 277

TGCCCCGACC CAAACCCACC CATCCACAAG ATCGTGAGAA AACCTCCAG 881 [D280N](#) [I288M](#)
CysProAspP roAsnProPr oIleHisLys IleValArgL ysProSerAr 294

AATCTCTTC CTCATG~~GACG~~ GCTT~~CGATGA~~ GCTGCAAGGT GCCTTTGACG 931 [M299V](#) [G301S](#) [G301D](#) [F302C](#) [F302L](#) [F302L\(C>G\)](#) [D303N](#) [D303H](#) [D303G](#) [D303A](#) [E304K](#) [E306D](#) [L305P](#) [Q306K](#)
[Q306E](#) [G307S](#) [G307V](#) [G307D](#) [F309S](#) [F309Y](#) [G309](#) [F311del](#) [D310D](#) [E311K](#)
gIleLeuPhe LeuMetAspG lyPheAspGl uLeuGlnGly AlaPheAspG 311

AGC~~A~~CATAGG ACCGCTCTGC ACTGACTGGC AGAAGGCCGA GCGGGGAGAC 981 [H312P](#) [I313V](#) [P315L](#) [R325W](#) [R325Q](#) [G326E](#)
luHisIleGl yProLeuCys ThrAspTrpG lnLysAlaGl uArgGlyAsp 327

ATTCTCTCGA GCAGCCTCAT CAGAAAGAAG CTGCTTCCG AGGCCTCTCT 1031 S331R S332N I334V P340P
 IleLeuLeuS erSerLeuIl eArgLysLys LeuLeuProG luAlaSerLe 344

GCTCATCACC ACGAGACCTG TGGCCTTGA GAAACTGCAG CACTTGCTGG 1081 L344L T347I T348M T348T P350L V351M V351L V351LGT A352T A352S A352V L353P E354D K355T K355N
H358R L359V L361W
 uLeuIleThr ThrArgProV alAlaLeuGl uLysLeuGln HisLeuLeuA 361

ACCATCCTCG GCATGTGGAG ATCCTGGGTT TCTCCGAGGC CAAAAGGAAA 1131 L369M A374D K375E
 spHisProAr gHisValGlu IleLeuGlyP heSerGluAl aLysArgLys 377

GAGTACTTCT TCAAGTACTT CTCTGATGAG GCCCAAGCCA GGGCAGCCTT 1181 E378K
 GluTyrPheP heLysTyrPh eSerAspGlu AlaGlnAlaA rgAlaAlaPh 394

CAGTCTGATT CAGGAGAACG AGGTCCTCTT CACCATGTGC TTATCCCCC 1231 T405P M406V M406T M406I F408S L411L C>T L411V L411F L411M
 eSerLeuIle GlnGluAsnG luValLeuPh eThrMetCys PheIleProL 411

TGGTCTGCTG GATCGTGTGC ACTGGACTGA AACAGCAGAT GGAGAGTGGC 1281 L411L G>T W414L I415I
 euValCysTr pIleValCys ThrGlyLeuL ysGlnGlnMe tGluSerGly 427

AAGAGCCTTG CCCAGACATC CAAGACCACC ACCGCGGTGT ACGTCTTCTT 1331 T433I S434S K435E K437N T436P T436A T436DEL T436N T436I A439T A439P A439V Y441H Y441Y F443L
F444V
 LysSerLeuA laGlnThrSe rLysThrThr ThrAlaValT yrValPhePh 444

CCTTTCCAGT TTGCTGCAGC CCCGGGGAGG GAGCCAGGAG CACGGCCTCT 1381 G454E H458H G459C
 eLeuSerSer LeuLeuGlnP roArgGlyGl ySerGlnGlu HisGlyLeuC 461

GCGCCCACCT CTGGGGGCTC TGCTCTTTGG CTGCAGATGG AATCTGGAAC 1431 C461C H463H L467L N477K
 ysAlaHisLe uTrpGlyLeu CysSerLeuA laAlaAspGl yIleTrpAsn 477

CAGAAAATCC TGTTTGAGGA GTCCGACCTC AGGAATCATG GACTGCAGAA 1481 I480F R488K
 GlnLysIleL euPheGluGl uSerAspLeu ArgAsnHisG lyLeuGlnLy 494

GGCGGATGTG TCTGCTTTCC TGAGGATGAA CCTGTTCCAA AAGGAAGTGG 1531 A495V
 sAlaAspVal SerAlaPheL euArgMetAs nLeuPheGln LysGluValA 511

ACTGCGAGAA GTTCTACAGC TTCATCCACA TGACTTTCCA GGAGTTCTTT 1581 I519T M521T F523C F523Y F523LC>A F523LC>G E525K E525V
 spCysGluLy sPheTyrSer PheIleHisM etThrPheGl nGluPhePhe 527

GCCGCCATGT ACTACCTGCT GGAAGAGGAA AAGGAAGGAA GGACGAACGT 1631 L534L T544M V544I

AlaAlaMetT yrTyrLeuLe uGluGluGlu LysGluGlyA rgThrAsnVa 544

TCCAGGGAGT CGTTTGAAGC TTCCCAGCCG AGACGTGACA GTCCTTCTGG 1681 R548C R554X T557A
lProGlySer ArgLeuLysL euProSerAr gAspValThr ValLeuLeuG 561

AAAACTATGG CAAATTCGAA AAGGGGTATT TGATTTTGT TGTACGTTTC 1731 Y563N Y563C G564S G564D K565E F566Y F566L E567K E567Q E567A E567G K568N G569R G571R G569A
G569V Y570H Y570N Y570C Y570F L571F L571FG>C I572F F573S

luAsnTyrGl yLysPheGlu LysGlyTyrL euIlePheVa lValArgPhe 577

CTCTTGGCC TGGTAAACCA GGAGAGGACC TCCTACTTGG AGAAGAAATT 1781 F579Y T587I
LeuPheGlyL euValAsnGl nGluArgThr SerTyrLeuG luLysLysLe 594

AAGTTGCAAG ATCTCTCAGC AAATCAGGCT GGAGCTGCTG AAATGGATTG 1831 S595G I598F R605G E605V
uSerCysLys IleSerGlnG lnIleArgLe uGluLeuLeu LysTrpIleG 611

AAGTGAAAGC CAAAGCTAAA AAGCTGCAGA TCCAGCCCAG CCAGCTGGAA 1881 S624R E627Q E627G E627D
luValLysAl aLysAlaLys LysLeuGlnI leGlnProSe rGlnLeuGlu 627

TTGTTCTACT GTTTGTACGA GATGCAGGAG GAGGACTTCG TGCAAAGGGC 1931 L632F Q636E M637L E638K
LeuPheTyrC ysLeuTyrGl uMetGlnGlu GluAspPheV alGlnArgAl 644

CATGGACTAT TTCCCAAGA TTGAGATCAA TCTCTCCACC AGAATGGACC 1981 D646Y P649S M659K
aMetAspTyr PheProLysI leGluIleAs nLeuSerThr ArgMetAspH 661

ACATGGTTTC TTCCTTTTGC ATTGAGAACT GTCATCGGGT GGAGTCACTG 2031 M662T M664T L677P
isMetValSe rSerPheCys IleGluAsnC ysHisArgVa lGluSerLeu 677

TCCTGGGGT TTCTCCATAA CATGCCCAAG GAGGAAGAGG AGGAGGAAAA 2081 S678S E688K E690K E690Q
SerLeuGlyP heLeuHisAs nMetProLys GluGluGluG luGluGluLy 694

GGAAGCCGA CACCTTGATA TGGTGCAGTG TGTCCTCCCA AGCTCCTCTC 2131 M701T Q703K S710C
sGluGlyArg HisLeuAspM etValGlnCy sValLeuPro SerSerSerH 711

ATGCTGCCTG TTCTCATGGA TTGGTGAACA GCCACCTCAC TTCCAGTTTT 2181 H711H A712S S726G
isAlaAlaCy sSerHisGly LeuValAsnS erHisLeuTh rSerSerPhe 727

TGCCGGGGCC TCTTTTCAGT TCTGAGCACC AGCCAGAGTC TAACTGAATT 2231
CysArgGlyL euPheSerVa lLeuSerThr SerGlnSerL euThrGluLe 744

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uAspLeuSer AspAsnSerL euGlyAspPr oGlyMetArg ValLeuCysG 761

AAACGCTCCA GCATCCTGGC TGTAACATTC GGAGATTGTG GTTGGGGCGC 2331 G767S R777C
luThrLeuGl nHisProGly CysAsnIleA rgArgLeuTr pLeuGlyArg 777

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CysGlyLeuS erHisGluCy sCysPheAsp IleSerLeuV alLeuSerSe 794

CAACCAGAAG CTGGTGGAGC TGGACCTGAG TGACAACGCC CTCGGTGACT 2431 Q796P G809S
rAsnGlnLys LeuValGluL euAspLeuSe rAspAsnAla LeuGlyAspP 811

TCGGAATCAG ACTTCTGTGT GTGGGACTGA AGCACCTGTT GTGCAATCTG 2481
heGlyIleAr gLeuLeuCys ValGlyLeuL ysHisLeuLe uCysAsnLeu 827

AAGAAGCTCT GGTGGTCAG CTGCTGCCTC ACATCAGCAT GTTGTCAGGA 2531 L830I
LysLysLeuT rpLeuValSe rCysCysLeu ThrSerAlaC ysCysGlnAs 844

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pLeuAlaSer ValLeuSerT hrSerHisSe rLeuThrArg LeuTyrValG 861

GGGAGAATGC CTTGGGAGAC TCAGGAGTCG CAATTTTATG TGAAAAAGCC 2631 G866R A871T
lyGluAsnAl aLeuGlyAsp SerGlyValA laIleLeuCy sGluLysAla 877

AAGAATCCAC AGTGTAACCT GCAGAAACTG GGGTTGGTGA ATTCTGGCCT 2681 V890L
LysAsnProG lnCysAsnLe uGlnLysLeu GlyLeuValA snSerGlyLe 894

TACGTCAGTC TGTTGTTTCAG CTTTGTCTC GGTACTCAGC ACTAATCAGA 2731 S896P
uThrSerVal CysCysSerA laLeuSerSe rValLeuSer ThrAsnGlnA 911

ATCTCACGCA CCTTTACCTG CGAGGCAACA CTCTCGGAGA CAAGGGGATC 2781 N911S R918Q
snLeuThrHi sLeuTyrLeu ArgGlyAsnT hrLeuGlyAs pLysGlyIle 927

AAACTACTCT GTGAGGGACT CTTGCACCCC GACTGCAAGC TTCAGGTGTT 2831
LysLeuLeuC ysGluGlyLe uLeuHisPro AspCysLysL euGlnValLe 944

GGAATTAGAC AACTGCAACC TCACGTCACA CTGCTGCTGG GATCTTTCCA 2881 T952M
uGluLeuAsp AsnCysAsnL euThrSerHi sCysCysTrp AspLeuSerT 961

CACTTCTGAC CTCCAGCCAG AGCCTGCGAA AGCTGAGCCT GGGCAACAAT 2931 [s975G](#)
 hrLeuLeuTh rSerSerGln SerLeuArgL ysLeuSerLe uGlyAsnAsn 977

GACCTGGGCG ACCTGGGGGT CATGATGTTT TGTGAAGTGC TGAAACAGCA 2981 [M986I](#)
 AspLeuGlyA spLeuGlyVa lMetMetPhe CysGluValL euLysGlnGl 994

GAGCTGCCTC CTGCAGAACC TGGGGTTGTC TGAAATGTAT TTCAATTATG 3031
 nSerCysLeu LeuGlnAsnL euGlyLeuSe rGluMetTyr PheAsnTyrG 1011

AGACAAAAAG TCGGTTAGAA ACACTTCAAG AAGAAAAGCC TGAGCTGACC 3081
 luThrLysSe rAlaLeuGlu ThrLeuGlnG luGluLysPr oGluLeuThr 1027

GTCGTCTTTG AGCCTTCTTG GTAGGAGTGG AAACGGGGCT GCCAGACGCC *26
 ValValPheG luProSerTr pStop

AGTGTTCTCC GGTCCCTCCA GCTGGGGGCC CTCAGGTGGA GAGAGCTGCG *76
 ATCCATCCAG GCCAAGACCA CAGCTCTGTG ATCCTTCCGG TGGAGTGTG *126
 GAGAAGAGAG CTTGCCGACG ATGCCTTCCT GTGCAGAGCT TGGGCATCTC *176
 CTTTACGCCA GGGTGAGGAA GACACCAGGA CAATGACAGC ATCGGGTGTT *226 [c.*177delC](#)
 GTTGTCATCA CAGCGCCTCA GTTAGAGGAT GTTCCTCTTG GTGACCTCAT *276 [c.*230G>C](#)
 GTAATTAGCT CATTCAATAA AGCACTTTCT TTATTTT

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