



NLRP3 (NM_001243133.2) - cDNA - 2025-04-02

GTTCCCTGAGG CTGGCATCTG GATGAGGAAA CTGAAGTTGA GGAATAGTGA -720
AGAGTTTGTG CAATGTCATA GCCCCGTAAT CAACGGGACA AAAATTTTCT -670
TGCTGATGGG TCAAGATGGC ATCGTGAAGT GGTTGTTTAC CGTAAACTGT -620
AATACAATCC TGTTTATGGA TTTGTTTGCA TATTTTCC TCCATAGGGA -570
AACCTTTCTT CCATGGCTCA GGACACACTC CTGGATCGAG CCAACAGGAG -520
AACTTTCTGG TAAGCATTTG GCTAACTTTT TTTTTTTTGA GATGGAGTCT -470
TGCTGTGTGCG CCTAGGCTGG AGTGCAGTGG CGTGATCTTG GCTCACTGCA -420
GCCTCCACTT CCCGGGTTCA ATCAATTCTC CTACCTCAAC TTCCTGAGTA -370
GCTGGGATTA CAGGCGCCCG CCACCACACC CGGCTCATT TGTACTTTT -320
AGTAGAGACA CAGTTTTGCC ATGTTGGCCA GGCTGGTCTT GAATTCCTCA -270
GCTCAGGTGA TCTGCCTGCC TTGGCCTCTC AAAGTGCTGG GATTACAGGC -220
GTGAGCCACT GTGCCCGGCC TTGGCTAACT TTTCAAAT AAAGATTTTG -170
ACTTGTTACA GTCATGTGAC ATTTTTTTCT TTCTGTTTGC TGAGTTTTTG -120
ATAATTTATA TCTCTCAAAG TGGAGACTTT AAAAAAGACT CATCCGTGTG -70
CCGTGTTTAC TGCTGGTAT CTTAGTGTGG ACCGAAGCCT AAGGACCCTG -20 c.-40G>T
AAAACAGCTG CAGATGAAGA TGGCAAGCAC CCGCTGCAAG CTGGCCAGGT 31
ACCTGGAGGA CCTGGAGGAT GTGGACTTGA AGAAATTTAA GATGCACITTA 81 D19H H26Y L27Y
GAGGACTATC CTCCCAGAA GGGCTGCATC CCCCCTCCCGA GGGGTCAGAC 131 D31Y P38S
AGAGAAGGCA GACCAATGTGG ATCTAGCCAC GCTAATGATC GACTTCAATG 181 H49R I57V D58N
GGGAGGAGAA GGCCTGGGCC ATGGCCCGTGT GGATCTTCGC TGCGATCAAC 231 M68T A69A V70M A75V
AGGAGAGACC TTTATGAGAA AGCAAAAAGA GATGAGCCGA AGTGGGGTTC 281 D88Y
AGATAATGCA CGTGTTTCTGA ATCCCACTGT GATATGCCAG GAAGACAGCA 331 R98G R98H S100L

TTGAAGAGGA GTGGATGGGT TTA~~CT~~GGAGT ACCTTT~~C~~GAG AATCTCTATT 381 M116I G117S S123L
TGTA~~A~~AATGA AGAAAGATTA CCGTAAGAAG TACAGAAAGT A~~C~~GTGAGAAG 431 K129R R135H Y141Y
CAGATTCCAG TGCATTGA~~A~~G ACAGGAATGC CCGTCTGGGT GAGAGTGTGA 481 C148Y E150E
GCCTCAACAA ACGCTACACA C~~G~~ACTG~~C~~GTC TCA~~T~~CAAGGA GCAC~~C~~GGAGC 531 R168Q R170S R170H I172T K173E R176W
CAGCAGGAGA GGG~~A~~GCAGGA GCTTCTGGCC ATCGGCAAGA CCAAGA~~C~~GTG 581 E182V T193K T195M
TGAGA~~G~~CCCC GTGAGT~~C~~CCA TTAAGATGGA GTTGCTGTTT GACCCCGAT~~G~~ 631 S196N V198M P200T E204G D211N
ATGAGCATTC TG~~A~~GCC~~T~~GTG CACAC~~C~~GTGG TGTTCAGGG G~~C~~CGCAGGG 681 H213R T219T A225V G227G
ATTGGGAAAA CAATCCT~~G~~GC CAGGAAGATG ATGTTGACT GGGC~~G~~TCGGG 731 T231T L233L A242A
GACACTCTAC CAAGACAGGT TTGACTAT~~C~~T GTTCTAT~~A~~TC CACTG~~T~~CCGAG 781 p.L254M I257F C259W R260W R260L R260P R260Q
AGG~~T~~GAGC~~C~~T TGTG~~A~~CACAG AGGAGCCTGG GGGACCTGAT CATGAGCTGC 831 V262A V262G L264F L264V L264H L264R L264P T266P
TGCCCC~~G~~ACC CAAACCCACC CATCCACAAG AT~~C~~GTGAGAA AACCC~~T~~CCAG 881 D280N I288M
AATCCTCTTC CTC~~A~~TGGACG G~~C~~TT~~C~~GATGA G~~C~~TGCAAGGT GCCT~~T~~TGAC~~G~~ 931 M299V G301S G301D F302C F302L F302L(C>G) D303N D303H D303G D303A E304K E306D L305M
L305P Q306K Q306E G307S G307R G307V G307D p.G307 F309del G307A F309S F309Y G309 F311del D310D E311K
AGC~~A~~ATAGG ACC~~G~~CTCTGC ACTGACTGGC AGAAGGCCGA G~~C~~G~~G~~GAGAC 981 H312P I313V P315L R325W R325Q G326E G326A
ATTCCTCTGA GCAG~~C~~CT~~C~~AT CAGAAAGAAG CTGCTTCC~~C~~G AGGCCTCTCT 1031 S331N S331R S332N I334V P340P
GCTCATCACC ACGAGAC~~C~~TG TGG~~C~~CTGGA G~~A~~AACTGCAG CA~~C~~TTGCTGG 1081 L344L T347I T348M T348T P350L V351M V351L V351LGT A352T A352S A352V L353P E354D K355T

K355R K355N H358R L359V L361W
ACCATCCTCG GCATGTGGAG ATC~~C~~TGGGTT TCTCCGAGGC CA~~A~~AAGGAAA 1131 L369M A374D K375E
GAGTACTTCT TCAAGTACTT CTCTGATGAG GCCCAAGCCA GGGCAGCCTT 1181 E378K
CAGTCTGATT CAGGAGA~~A~~CG AGGTCCTCTT CA~~C~~CATGTGC T~~T~~CATCCCC 1231 N400Y V402L T405P M406V M406T M406I F408S L411L C>T L411V L411F L411M
TGGTCTGCTG GAT~~C~~GTGTGC ACTGGACTGA AACAGCAGAT GGAGAGTGGC 1281 L411L G>T W414L I415I
AAGAGCCTTG CCCAGACATC CAAGACCACC ACCGC~~G~~GTGT ACG~~T~~CTTCTT 1331 T433I S434S K435E K437N K435N T436P T436A T436N T436I T436DEL A439T A439P A439V Y441H

Y441C Y441Y V442I F443L F444V
CCTTCCAGT TTGCTGCAGC CCCGGGGAGG GAGCCAGGAG CA~~C~~G~~G~~CCTCT 1381 G454E H458H G459C
GCGCCCA~~C~~CT CTGGGGGCT~~C~~ TGCTCTTTGG CTGCAGATGG AATCTGGA~~C~~ 1431 C461C A462T H463H L467L N477K
CAGAAA~~A~~TCC TGT~~T~~TGAGGA GTCCGACCTC A~~G~~GAAATCATG GACTGCAGAA 1481 I480F R488K

GGCGGATGTG TCTGCTTTCC TGAGGATGAA CCTGTTCCAA AAGGAAGTGG 1531 [A495Y](#)

ACTGCGAGAA GTTCTACAGC TTCATCCACA TGACTTTCCA GGAGTTCTTT 1581 [I519T](#) [H520N](#) [M521T](#) [M521K](#) [T522S\(A>T\)](#) [T522S\(C>G\)](#) [F523C](#) [F523Y](#) [F523LC>A](#) [F523LC>G](#) [E525K](#)
[E525Y](#)

GCCGCCATGT ACTACCTGCT GGAAGAGGAA AAGGAAGGAA GGACGAACGT 1631 [L534L](#) [T544M](#) [V544I](#)

TCCAGGGAGT CGTTTGAAGC TTCCAGCCG AGACGTGACA GTCCTTCTGG 1681 [R548C](#) [R554X](#) [T557A](#)

AAAACTATGG CAAATTCGAA AAGGGTATT TGATTTTTGT TGTACGTTTC 1731 [Y563N](#) [Y563C](#) [G564S](#) [G564D](#) [K565E](#) [F566Y](#) [F566L](#) [E567K](#) [E567Q](#) [E567A](#) [E567G](#) [K568N](#) [G569R](#) [G571R](#)
[G569A](#) [G569V](#) [G569E](#) [Y570H](#) [Y570N](#) [Y570C](#) [Y570F](#) [L571V](#) [L573W](#) [L571F](#) [L571FG>C](#) [I572F](#) [F573S](#)

CTCTTTGGCC TGGTAAACCA GGAGAGGACC TCCTACTTGG AGAAGAAAT 1781 [F579Y](#) [T587I](#)

AAGTTGCAAG ATCTCTCAGC AAATCAGGCT GAGCTGCTG AAATGGATTG 1831 [S595G](#) [S595N](#) [I598F](#) [Q600R](#) [R603G](#) [E605V](#)

AAGTGAAAGC CAAAGCTAAA AAGCTGCAGA TCCAGCCCAG CCAGCTGGAA 1881 [S624R](#) [E627Q](#) [E627G](#) [E627D](#)

TTGTTCTACT GTTTGTACGA GATGCAGGAG GAGGACTTCG TGCAAAGGGC 1931 [C631W](#) [L632F](#) [M635T](#) [Q636E](#) [M635L](#) [E638K](#)

CATGGACTAT TTCCCCAAGA TTGAGATCAA TCTCTCCACC AGAATGGACC 1981 [D646Y](#) [P649S](#) [M659K](#) [M661R](#)

ACATGGTTTC TTCCTTTTGC ATTGAGAACT GTCATCGGGT GGAGTCACTG 2031 [M662T](#) [M664T](#) [L677P](#)

TCCCTGGGGT TTCCTCATAA CATGCCAAG GAGGAAGAGG AGGAGGAAAA 2081 [S678S](#) [E688K](#) [E690K](#) [E690Q](#)

GGAAGGCCGA CACCTTGATA TGGTGCAGTG TGTCCCTCCA AGCTCCTCTC 2131 [M701T](#) [Q703K](#) [P.P707Q](#) [S710C](#)

ATGCTGCCTG TTCCTCATGA TTGGTGAACA GCCACCTCAC TTCCAGTTTT 2181 [H711H](#) [A712S](#) [L723I](#) [S726G](#)

TGCCGGGGCC TCTTTTCAGT TCTGAGCACC AGCCAGAGTC TAACTGAATT 2231

GGACCTCAGT GACAATTCTC TGGGGGACCC AGGGATGAGA GTGTTGTGTG 2281 [G755RG>C](#) [G755RG>A](#) [G755A](#)

AAACGCTCCA GCATCCTGGC TGTAACATTC GGAGATTGTG GTTGGGGCGC 2331 [G767S](#) [R777C](#)

TGTGGCCTCT CGCATGAGTG CTGCTTCGAC ATCTCCTTGG TCCTCAGCAG 2381 [G779V](#) [D787N](#)

CAACCAGAAG CTGGTGGAGC TGGACCTGAG TGACAACGCC CTCGGTGACT 2431 [Q796P](#) [G809S](#)

TCGGAATCAG ACTTCTGTGT GTGGGACTGA AGCACCTGTT GTGCAATCTG 2481

AAGAAGCCTCT GGTGGTTCAG CTGCTGCCTC ACATCAGCAT GTTGTTCAGGA 2531 [K829T](#) [L830I](#)

TCTTGCATCA GTATTGAGCA CCAGCCATTC CCTGACCAGA CTCTATGTGG 2581 [Y859H](#) [Y859C](#) [V860V](#)

GGGAGAATGC CTTGGGAGAC TCAGGAGTCG CAATTTTATG TGAAAAAGCC 2631 [G866R](#) [A871T](#)

AAGAATCCAC AGTGTAACCT GCAGAAACTG GGGTTGGTGA ATTCTGGCCT 2681 [Y890L](#)

TACGTCAGTC TGTGTTTCAG CTTTGTCCCTC GGTACTCAGC ACTAATCAGA 2731 [S896P](#)

ATCTCAGCGA CCTTTACCTG CGAGGCAACA CTCTCGGAGA CAAGGGGATC 2781 [N911S](#) [R918Q](#)

AAACTACTCT GTGAGGGACT CTTGCACCCC GACTGCAAGC TTCAGGTGTT 2831
GGAATTAGAC AACTGCAACC TCA~~C~~GTCACA CTGCTGCTGG GATCTTTCCA 2881 ~~T952M~~
CACTTCT~~G~~AC CTCCAGCCAG AGCCTGCGAA AGCTG~~A~~GCCT GGGCAACAAT 2931 ~~T964fs S975G~~
GACCTGGGCG ACCTGGGGGT CATGAT~~G~~TTC TGTGAAGTGC TGAAACAGCA 2981 ~~M986I~~
GAGCTGCCTC CTGCAGAACC TGGGGTT~~G~~TC TGAAATGTAT TTCAATTATG 3031 ~~S1004P~~
AGACAAAAAG TGC~~G~~TTAGAA ACAC~~T~~TCAAG AAGAAAAGCC TGAGCTGACC 3081
~~G~~T~~C~~G~~T~~C~~T~~T~~T~~G AGC~~T~~T~~T~~C~~T~~T~~T~~G ~~G~~T~~A~~G~~G~~A~~G~~T~~G~~G AAACGGGGCT GCCAGACGCC *26 ~~V1028fs~~
AGTGTTCCTCC GGTCCCTCCA GCTGGGGGCC CTCAGGTGGA GAGAGCTGCG *76
ATCCATCCAG GCCAAGACCA CAGCTCTGTG ATCCTTCCGG TGGAGTGTG *126
GAGAAGAGAG CTTGCCGACG ATGCCTTCCT GTGCAGAGCT TGGGCATCTC *176
~~C~~TTTACGCCA GGGT~~G~~AGGAA GACACCAGGA CAATGACAGC ATCGGGTGT *226 ~~c.*177delC~~
GTT~~G~~TCATCA CAGCGCCTCA GTTAGAGGAT GTTCCTCTTG GTGACCTCAT *276 ~~c.*230G>C~~
GTAATTAGCT CATTCAATAA AGCACTTCTT TTATTTT

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