TNFAIP3 (NM_006290.4) - cDNA + Protein - 2024-05-18

```
GCAGTCTGCA GTCTTCGTGG CGGGCCAAGC GAGCTTGGAG CCCGCGGGGG -202
CGGAGCGGTG AGAGCGGCCG CCAAGAGAGA TCACACCCCC AGCCGACCCT -152
GCCAGCGAGC GAGCCCGACC CCAGGCGTCC ATGGAGCGTC GCCTCCGCCC -102
GGTCCCTGCC CCGACCCCCG CCTGCGGCGC GCTCCTGCCT TGACCAGGAC -52
TTGGGACTTT GCGAAAGGAT CGCGGGGCCC GGAGAGGTGT TGGAGAGCAC -2
AATGGCTGAA CAAGTCCTTC CTCAGGCTTT GTATTTGAGC AATATGCGGA 49
 MetAlaGlu GlnValLeuP roGlnAlaLe uTyrLeuSer AsnMetArgL 17

AAGCTGTGAA GATACGGGAG AGAACTCCAG AAGACATTTT TAAACCTACT 99   R22Q
ysAlaValLy sIleArgGlu ArgThrProG luAspIlePh eLysProThr 33

AATGGGATCA TTCATCATTT TAAAACCATG CACCGATACA CACTGGAAAT 149  R45X
AsnGlyIleI leHisHisPh eLysThrMet HisArgTyrT hrLeuGluMe 50

GTTCAGAACT TGCCAGTTTT GTCCTCAGTT TCGGGAGATC ATCCACAAAG 199
tPheArgThr CysGlnPheC ysProGlnPh eArgGluIle IleHisLysA 67

CCCTCATCGA CAGAAACATC CAGGCCACCC TGGAAAGCCA GAAGAAACTC 249  L83F
laLeuIleAs pArgAsnIle GlnAlaThrL euGluSerGl nLysLysLeu 83

AACTGGTGTC GAGAAGTCCG GAAGCTTGTG GCGCTGAAAA CGAACGGTGA 299  p.W85GfsX11 R87X K91*
AsnTrpCysA rgGluValAr gLysLeuVal AlaLeuLysT hrAsnGlyAs 100
```

```
CGGCAATTGC CTCATGCATG CCACTTCTCA GTACATGTGG GGCGTTCAGG 349  N102S T108A
pGlyAsnCys LeuMetHisA laThrSerGl nTyrMetTrp GlyValGlnA 117

ACACAGACTT GGTACTGAGG AAGGCGCTGT TCAGCACGCT CAAGGAAACA 399  P127C T129M
spThrAspLe uValLeuArg LysAlaLeuP heSerThrLe uLysGluThr 133

GACACACGCA ACTTTAAATT CCGCTGGCAA CTGGAGTCTC TCAAATCTCA 449  D134fs R141C c.436-437deTC K148Nfs*68
AspThrArgA snPheLysPh eArgTrpGln LeuGluSerL euLysSerGl 150

GGAATTTGTT GAAACGGGGC TTTGCTATGA TACTCGGAAC TGGAATGATG 499  E154* T155M W164*
nGluPheVal GluThrGlyL euCysTyrAs pThrArgAsn TrpAsnAspG 167

AATGGGACAA TCTTATCAAA ATGGCTTCCA CAGACACACC CATGGCCCGA 549  A175P R183*
luTrpAspAs nLeuIleLys MetAlaSerT hrAspThrPr oMetAlaArg 183

AGTGGACTTC AGTACAACTC ACTGGAAGAA ATACACATAT TTGTCCTTTG 599  Q187X E192K C596_598 del A
SerGlyLeuG lnTyrAsnSe rLeuGluGlu IleHisIleP heValLeuCy 200

CAACATCCTC AGAAGGCCAA TCATTGTCAT TTCAGACAAA ATGCTAAGAA 649  I207L S217R
sAsnIleLeu ArgArgProI leIleValIl eSerAspLys MetLeuArgS 217

GTTTGGAATC AGGTTCCAAT TTCGCCCCTT TGAAAGTGGG TGGAATTTAC 699  p.F224Sfs*4 P226Lfs*2 p.L227*
erLeuGluSe rGlySerAsn PheAlaProL euLysValGl yGlyIleTyr 233

TTGCCTCTCC ACTGGCCTGC CCAGGAATGC TACAGATACC CCATTGTTCT 749  L236P C243Y
LeuProLeuH isTrpProAl aGlnGluCys TyrArgTyrP roIleValLe 250
```

```
CGGCTATGAC AGCCATCATT TTGTACCCTT GGTGACCCTG AAGGACAGTG 799  D253_F257DEL
uGlyTyrAsp SerHisHisP heValProLe uValThrLeu LysAspSerG 267

GGCCTGAAAT CCGAGCTGTT CCACTTGTTA ACAGAGACCG GGGAAGATTT 849  p.P268Lfs*19 p.R271* P274Hfs L275P
lyProGluIl eArgAlaVal ProLeuValA snArgAspAr gGlyArgPhe 283

GAAGACTTAA AAGTTCACTT TTTGACAGAT CCTGAAAATG AGATGAAGGA 899  T292P
GluAspLeuL ysValHisPh eLeuThrAsp ProGluAsnG luMetLysGl 300

GAAGCTCTTA AAAGAGTACT TAATGGTGAT AGAAATCCCC GTCCAAGGCT 949  p.L303fs p.Y306* V309dup I310T
uLysLeuLeu LysGluTyrL euMetValIl eGluIlePro ValGlnGlyT 317

GGGACCATGG CACAACTCAT CTCATCAATG CCGCAAAGTT GGATGAAGCT 999  p.(L324Qfs*7) Exon7-8deletion E32* A333fs2
rpAspHisGl yThrThrHis LeuIleAsnA laAlaLysLe uAspGluAla 333

AACTTACCAA AAGAAATCAA TCTGGTAGAT GATTACTTTG AACTTGTTCA 1049  P336fs E338*
AsnLeuProL ysGluIleAs nLeuValAsp AspTyrPheG luLeuValGl 350

GCATGAGTAC AAGAAATGGC AGGAAAACAG CGAGCAGGGG AGGAGAGAGG 1099  W356R
nHisGluTyr LysLysTrpG lnGluAsnSe rGluGlnGly ArgArgGluG 367

GGCACGCCCA GAATCCCATG GAACCTTCCG TGCCCCAGCT TTCTCTCATG 1149  Q370Rfs*16 p.(N371Sfs*17)
lyHisAlaGl nAsnProMet GluProSerV alProGlnLe uSerLeuMet 383

GATGTAAAAT GTGAAACGCC CAACTGCCCC TTCTTCATGT CTGTGAACAC 1199  D384G
AspValLysC ysGluThrPr oAsnCysPro PhePheMetS erValAsnTh 400

CCAGCCTTTA TGCCATGAGT GCTCAGAGAG GCGGCAAAAG AATCAAACA 1249  Q415fs
```

rGlnProLeu CysHisGluC ysSerGluAr gArgGlnLys AsnGlnAsnL 417

AACTCCCAAA GCTGAACTCC AAGCCGGGCC CTGAGGGGCT CCCTGGCATG 1299

ysLeuProLy sLeuAsnSer LysProGlyP roGluGlyLe uProGlyMet 433

GCGCTCGGGG CCTCTCGGGG AGAAGCCTAT GAGCCCTTGG CGTGGAACCC 1349 A434* A434V c.1316_1317del W448C N449Tfs*28

AlaLeuGlyA laSerArgGl yGluAlaTyr GluProLeuA laTrpAsnPr 450

TGAGGAGTCC ACTGGGGGGC CTCATTCGGC CCCACCGACA GCACCCAGCC 1399 P457Afs*16

oGluGluSer ThrGlyGlyP roHisSerAl aProProThr AlaProSerP 467

CTTTTCTGTT CAGTGAGACC ACTGCCATGA AGTGCAGGAG CCCCGGCTGC 1449 M476I C478*

roPheLeuPh eSerGluThr ThrAlaMetL ysCysArgSe rProGlyCys 483

CCCTTCACAC TGAATGTGCA GCACAACGGA TTTTGTGAAC GTTGCCACAA 1499 V489Afs*7

ProPheThrL euAsnValGl nHisAsnGly PheCysGluA rgCysHisAs 500

CGCCCGGCAA CTTCACGCCA GCCACGCCCC AGACCACACA AGGCACTTGG 1549 R502W Q503*

nAlaArgGln LeuHisAlaS erHisAlaPr oAspHisThr ArgHisLeuA 517

ATCCCGGGAA GTGCCAAGCC TGCCTCCAGG ATGTTACCAG GACATTTAAT 1599 L525V

spProGlyLy sCysGlnAla CysLeuGlnA spValThrAr gThrPheAsn 533

GGGATCTGCA GTACTTGCTT CAAAAGGACT ACAGCAGAGG CCTCCTCCAG 1649 A547T

GlyIleCysS erThrCysPh eLysArgThr ThrAlaGluA laSerSerSe 550

CCTCAGCACC AGCCTCCCTC CTTCCTGTCA CCAGCGTTCC AAGTCAGATC 1699

rLeuSerThr SerLeuProP roSerCysHi sGlnArgSer LysSerAspP 567

CCTCGCGGCT CGTCCGGAGC CCCTCCCCGC ATTCTTGCCA CAGAGCTGGA 1749 H577Afs*95

roSerArgLe uValArgSer ProSerProH isSerCysHi sArgAlaGly 583

AACGACGCCC CTGCTGGCTG CCTGTCTCAA GCTGCACGGA CTCCTGGGGA 1799 A588Vfs*80 Q593X

AsnAspAlaP roAlaGlyCy sLeuSerGln AlaAlaArgT hrProGlyAs 600

CAGGACGGGG ACGAGCAAGT GCAGAAAAGC CGGCTGCGTG TATTTTGGGA 1849 T602S G603R p.T604Rfs*93

pArgThrGly ThrSerLysC ysArgLysAl aGlyCysVal TyrPheGlyT 617

CTCCAGAAAA CAAGGGCTTT TGCACACTGT GTTTCATCGA GTACAGAGAA 1899

hrProGluAs nLysGlyPhe CysThrLeuC ysPheIleGl uTyrArgGlu 633

AACAAACATT TTGCTGCTGC CTCAGGGAAA GTCAGTCCCA CAGCGTCCAG 1949 p.His636fsTer1 T647P

AsnLysHisP heAlaAlaAl aSerGlyLys ValSerProT hrAlaSerAr 650

GTTCCAGAAC ACCATTCCGT GCCTGGGGAG GGAATGCGGC ACCCTTGGAA 1999

gPheGlnAsn ThrIleProC ysLeuGlyAr gGluCysGly ThrLeuGlyS 667

GCACCATGTT TGAAGGATAC TGCCAGAAGT GTTTCATTGA AGCTCAGAAT 2049 I679T

erThrMetPh eGluGlyTyr CysGlnLysC ysPheIleGl uAlaGlnAsn 683

CAGAGATTTC ATGAGGCCAA AAGGACAGAA GAGCAACTGA GATCGAGCCA 2099

GlnArgPheH isGluAlaLy sArgThrGlu GluGlnLeuA rgSerSerGl 700

GCGCAGAGAT GTGCCTCGAA CCACACAAAG CACCTCAAGG CCCAAGTGCG 2149 Q709R

nArgArgAsp ValProArgT hrThrGlnSe rThrSerArg ProLysCysA 717

```
CCCGGGCCTC CTGCAAGAAC ATCCTGGCCT GCCGCAGCGA GGAGCTCTGC 2199 L725P
laArgAlaSe rCysLysAsn IleLeuAlaC ysArgSerGl uGluLeuCys 733

ATGGAGTGTC AGCATCCCAA CCAGAGGATG GGCCCTGGGG CCCACCGGGG 2249 Q737Sfs*79
MetGluCysG lnHisProAs nGlnArgMet GlyProGlyA laHisArgGl 750

TGAGCCTGCC CCCGAAGACC CCCCCAAGCA GCGTTGCCGG GCCCCCGCCT 2299
yGluProAla ProGluAspP roProLysGl nArgCysArg AlaProAlaC 767

GTGATCATTT TGGCAATGCC AAGTGCAACG GCTACTGCAA CGAATGCTTT 2349
ysAspHisPh eGlyAsnAla LysCysAsnG lyTyrCysAs nGluCysPhe 783

CAGTTCAAGC AGATGTATGG CTAACCGGAA ACAGGTGGGT CACCTCCTGC *26 K786T
GlnPheLysG lnMetTyrGl yStop

AAGAAGTGGG GCCTCGAGCT GTCAGTCATC ATGGTGCTAT CCTCTGAACC *76
CCTCAGCTGC CACTGCAACA GTGGGCTTAA GGGTGTCTGA GCAGGAGAGG *126
AAAGATAAGC TCTTCGTGGT GCCCACGATG CTCAGGTTTG GTAACCCGGG *176
AGTGTTCCCA GGTGGCCTTA GAAAGCAAAG CTTGTAACTG GCAAGGGATG *226
ATGTCAGATT CAGCCCAAGG TTCCTCCTCT CCTACCAAGC AGGAGGCCAG *276
GAACTTCTTT GGACTTGGAA GGTGTGCGGG GACTGGCCGA GGCCCCTGCA *326
CCCTGCGCAT CAGGACTGCT TCATCGTCTT GGCTGAGAAA GGGAAAAGAC *376
ACACAAGTCG CGTGGGTTGG AGAAGCCAGA GCCATTCCAC CTCCCCTCCC *426
CCAGCATCTC TCAGAGATGT GAAGCCAGAT CCTCATGGCA GCGAGGCCCT *476
CTGCAAGAAG CTCAAGGAAG CTCAGGGAAA ATGGACGTAT TCAGAGAGTG *526
TTTGTAGTTC ATGGTTTTTC CCTACCTGCC CGGTTCCTTT CCTGAGGACC *576
CGGCAGAAAT GCAGAACCAT CCATGGACTG TGATTCTGAG GCTGCTGAGA *626
CTGAACATGT TCACATTGAC AGAAAAACAA GCTGCTCTTT ATAATATGCA *676
```

CCTTTTAAAA AATTAGAATA TTTTACTGGG AAGACGTGTA ACTCTTTGGG *726

TTATTACTGT CTTTACTTCT AAAGAAGTTA GCTTGAACTG AGGAGTAAAA *776

GTGTGTACAT ATATAATATA CCCTTACATT ATGTATGAGG GATTTTTTTA *826

AATTATATTG AAATGCTGCC CTAGAAGTAC AATAGGAAGG CTAAATAATA *876

ATAACCTGTT TTCTGGTTGT TGTTGGGGCA TGAGCTTGTG TATACACTGC *926

TTGCATAAAC TCAACCAGCT GCCTTTTTAA AGGGAGCTCT AGTCCTTTTT *976

GTGTAATTCA CTTTATTTAT TTTATTACAA ACTTCAAGAT TATTTAAGTG *1026

AAGATATTTC TTCAGCTCTG GGGAAAATGC CACAGTGTTC TCCTGAGAGA *1076

ACATCCTTGC TTTGAGTCAG GCTGTGGGCA AGTTCCTGAC CACAGGGAGT *1126

AAATTGGCCT CTTTGATACA CTTTTGCTTG CCTCCCCAGG AAAGAAGGAA *1176

TTGCATCCAA GGTATACATA CATATTCATC GATGTTTCGT GCTTCTCCTT *1226

ATGAAACTCC AGCTATGTAA TAAAAAACTA TACTCTGTGT TCTGTTAATG *1276

CCTCTGAGTG TCCTACCTCC TTGGAGATGA GATAGGGAAG GAGCAGGGAT *1326

GAGACTGGCA ATGGTCACAG GGAAAGATGT GGCCTTTTGT GATGGTTTTA *1376

TTTTCTGTTA ACACTGTGTC CTGGGGGGGC TGGGAAGTCC CCTGCATCCC *1426

ATGGTACCCT GGTATTGGGA CAGCAAAAGC CAGTAACCAT GAGTATGAGG *1476

AAATCTCTTT CTGTTGCTGG CTTACAGTTT CTCTGTGTGC TTTGTGGTTG *1526

CTGTCATATT TGCTCTAGAA GAAAAAAAAA AAAGGAGGGG AAATGCATTT *1576

TCCCCAGAGA TAAAGGCTGC CATTTTGGGG GTCTGTACTT ATGGCCTGAA *1626

AATATTTGTG ATCCATAACT CTACACAGCC TTTACTCATA CTATTAGGCA *1676

CACTTTCCCC TTAGAGCCCC CTAAGTTTTT CCCAGACGAA TCTTTATAAT *1726

TTCTTTCCAA AGATACCAAA TAAACTTCAG TGTTTTCATC TAATTCTCTT *1776

AAAGTTGATA TCTTAATATT TTGTGTTGAT CATTATTTCC ATTCTTAATG *1826

TGAAAAAAAG TAATTATTTA TACTTATTAT AAAAAGTATT TGAAATTTGC *1876

ACATTTAATT GTCCCTAATA GAAAGCCACC TATTCTTTGT TGGATTTCTT *1926

CAAGTTTTTC TAAATAAATG TAACTTTTCA CAAGAGTCAA CATTAAAAAA *1976

TAAATTATTT AAGAACA

TNFAIP3 (NM_006290.4) - cDNA + Protein - 2024-05-18