



TLR7 (NM_016562.4) - cDNA + Protein - 2026-04-04

ACTTCATCTC AGAAGACTCC AGATATAGGA TCACTCCATG CCATCAAGAA -101
AGTTGATGCT ATTGGGCCCA TCTCAAGCTG ATCTTGGCAC CTCTCATGCT -51
CTGCTCTCTT CAACCAGACC TCTACATTCC ATTTTGGGAAG AAGACTAAAA -1
ATGGTGTTC CAATGTGGAC ACTGAAGAGA CAAATTCTTA TCCTTTTAA 50
MetValPheP roMetTrpTh rLeuLysArg GlnIleLeuI leLeuPheAs 17

CATAATCCTA ATTTCCAAAC TCCTTGGGGC T^AGATGGTTT CCTAAACTC 100 R28G
nIleIleLeu IleSerLysL euLeuGlyAl aArgTrpPhe ProLysThrL 34

TGCCCTGTGA TGTCACCTCG GATGTTCCAA AGAACCATGT GATCGTGGAC 150
euProCysAs pValThrLeu AspValProL ysAsnHisVa lIleValAsp 50

TGCACAGACA AGCATTGAC AGAAATTCCT GGAGGTATTC CCACGAACAC 200
CysThrAspL ysHisLeuTh rGluIlePro GlyGlyIleP roThrAsnTh 67

CACGAACCTC ACCCTCACCA TTAACCACAT ACCAGACATC TCCCCAGCGT 250
rThrAsnLeu ThrLeuThrI leAsnHisIl eProAspIle SerProAlaS 84

CCTTTCACAG ACTGGACCAT CTGGTAGAGA TCGATTTTTCAG ATGCAACTGT 300
erPheHisAr gLeuAspHis LeuValGluI leAspPheAr gCysAsnCys 100

GTACCTATTC CACTGGGGTC AAAAAACAAC ATGTGCATCA AGAGGCTGCA 350

ValProIleP roLeuGlySe rLysAsnAsn MetCysIleL ysArgLeuGl 117

GATTAAACCC AGAAGCTTTA GTGGACTCAC TTATTTAAAA TCCCTTTACC 400

nIleLysPro ArgSerPheS erGlyLeuTh rTyrLeuLys SerLeuTyrL 134

TGGATGGAAA CCAGCTACTA GAGATACCGC AGGGCCTCCC GCCTAGCTTA 450

euAspGlyAs nGlnLeuLeu GluIleProG lnGlyLeuPr oProSerLeu 150

CAGCTTCTCA GCCTTGAGGC CAACAACATC TTTTCCATCA GAAAAGAGAA 500

GlnLeuLeuS erLeuGluAl aAsnAsnIle PheSerIleA rgLysGluAs 167

TCTAACAGAA CTGGCCAACA TAGAAATACT CTACCTGGGC CAAAAGTGT 550

nLeuThrGlu LeuAlaAsnI leGluIleLe uTyrLeuGly GlnAsnCysT 184

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yrTyrArgAs nProCysTyr ValSerTyrS erIleGluLy sAspAlaPhe 200

CTAAACTTGA CAAAGTTAAA AGTGCTCTCC CTGAAAGATA ACAATGTCAC 650

LeuAsnLeuT hrLysLeuLy sValLeuSer LeuLysAspA snAsnValTh 217

AGCCGTCCCT ACTGTTTTGC CATCTACTTT AACAGAACTA TATCTCTACA 700

rAlaValPro ThrValLeuP roSerThrLe uThrGluLeu TyrLeuTyrA 234

ACAACATGAT TGCAAAAATC CAAGAAGATG ATTTTAATAA CCTCAACCAA 750

snAsnMetIl eAlaLysIle GlnGluAspA spPheAsnAs nLeuAsnGln 250

TTACAAATTC TTGACCTAAG TGGAAATTGC CCTCGTTGTT ATAATGCCCCC 800 [Y264H](#) [P267L](#)

LeuGlnIleL euAspLeuSe rGlyAsnCys ProArgCysT yrAsnAlaPr 267

ATTTCTTGT GCGCCGTGTA AAAATAATTC TCCCCTACAG ATCCCTGTAA 850
oPheProCys AlaProCysL ysAsnAsnSe rProLeuGln IleProValA 284

ATGCTTTTGA TCGCCTGACA GAATTAAGA TTTTACGTCT ACACAGTAAC 900
snAlaPheAs pAlaLeuThr GluLeuLysV alLeuArgLe uHisSerAsn 300

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SerLeuGlnH isValProPr oArgTrpPhe LysAsnIleA snLysLeuGl 317

GGAACCTGGAT CTGTCCCAA ACTTCTTGGC CAAAGAAAT GGGGATGCTA 1000
nGluLeuAsp LeuSerGlnA snPheLeuAl aLysGluIle GlyAspAlaL 334

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ysPheLeuHi sPheLeuPro SerLeuIleG lnLeuAspLe uSerPheAsn 350

TTTGAACCTC AGGTCTATCG TGCATCTATG AATCTATCAC AAGCATTTC 1100
PheGluLeuG lnValTyrAr gAlaSerMet AsnLeuSerG lnAlaPheSe 367

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rSerLeuLys SerLeuLysI leLeuArgIl eArgGlyTyr ValPheLysG 384

AGTTGAAAAG CTTTAACCTC TCGCCATTAC ATAATCTTCA AAATCTTGAA 1200
luLeuLysSe rPheAsnLeu SerProLeuH isAsnLeuGl nAsnLeuGlu 400

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ValLeuAspL euGlyThrAs nPheIleLys IleAlaAsnL euSerMetPh 417

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eLysGlnPhe LysArgLeuL ysValIleAs pLeuSerVal AsnLysIleS 434

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erProSerGl yAspSerSer GluValGlyP heCysSerAs nAlaArgThr 450

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SerValGluS erTyrGluPr oGlnValLeu GluGlnLeuH isTyrPheAr 467

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heMetSerVa lAsnGluSer CysTyrLysT yrGlyGlnTh rLeuAspLeu 500

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SerLysAsnS erIlePhePh eValLysSer SerAspPheG lnHisLeuSe 517

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rPheLeuLys CysLeuAsnL euSerGlyAs nLeuIleSer GlnThrLeuA 534

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AsnAsnArgL euAspLeuLe uHisSerThr AlaPheGluG luLeuHisLy 567

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ThrGluValT hrIleProTy rLeuAlaThr AspValThrC ysValGlyPr 817

AGGAGCACAC AAGGGCCAAA GTGTGATCTC CCTGGATCTG TACACCTGTG 2500 [G818V](#)
oGlyAlaHis LysGlyGlnS erValIleSe rLeuAspLeu TyrThrCysG 834

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lTrpTyrIle TyrHisPheC ysLysAlaLy sIleLysGly TyrGlnArgL 884

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euIleSerPr oAspCysCys TyrAspAlaP heIleValTy rAspThrLys 900

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CAAATCAATC TCTGGAATAA ATAGAGAGGT AATTAAATTG CTGGAGCCAA *1700
CTA

TLR7 (NM_016562.4) - cDNA + Protein - 2026-04-04

