



ELF4 (NM_001421.4) - cDNA + Protein - 2024-05-14

ACTTCTCCTT TCGCCGGCGC CGAGTTCCTG GCGCCGCTCG CCCGGCCCCG -333
CTTCCGAGGG GAGAGGACGG GCTGGCGGGG CTGGGGACCC GCGTCTCGGC -283
CCCCGGAGCG GGGACCACGG AGACAGACCC CGGCCCCGGC ACCGAGCTGG -233
GCCCGTGAGC CACTCGGCCT CAGGTCGCTC CTGTGGTTGG TCCAGCCCAG -183
AATGCAGCCT TGAGCCTGGC TTAGGCCACC ACCTACTCCA GCTCTCTCCA -133
CCCCCTATTT TACTGCAGCT CAGGGGGTAG GCTCTAGGCT CCAAAGTACC -83
TGGGTATTGT CCCTTCATCA AGAAAGCCCC ACAGCTCTGG AGGGCTCTGA -33
TAATCCCGTT GTCAGCTCTC TGAAAAGACA GCATGGCTAT TACCCTACAG 18

MetAlaIle eThrLeuGln 6

CCCAGTGACC TGATCTTTGA GTTCGCAAGC AACGGGATGG ATGATGATAT 68

ProSerAspL euIlePheGlu uPheAlaSer AsnGlyMetA spAspAspIle 23

CCACCAGCTG GAAGACCCCT CTGTGTTCCC AGCTGTGATC GTGGAGCAGG 118 [p.\(Q39X\)](#)

eHisGlnLeu GluAspProS erValPhePr oAlaValIle ValGluGlnV 40

TACCCTACCC TGATTTACTG CATCTGTACT CGGGACTGGA GTTGGACGAC 168

alProTyrPr oAspLeuLeu HisLeuTyrS erGlyLeuGlu uLeuAspAsp 56

GTTACAATG GCATCATAAC AGACGGGACC TTGTGCATGA CGCAGGATCA 218

ValHisAsnG lyIleIleTh rAspGlyThr LeuCysMetT hrGlnAspGlu 73

GATCCTGGAA GGCAGTTTTT TGCTGACAGA TGACAATGAG GCCACCTCGC 268

nIleLeuGlu GlySerPheL euLeuThrAs pAspAsnGlu AlaThrSerH 90

ACACCATGTC AACCGCGGAA GTCTTACTCA ATATGGAGTC TCCCAGCGAT 318

isThrMetSe rThrAlaGlu ValLeuLeuA snMetGluSe rProSerAsp 106

ATCCTGGATG AGAAGCAGAT CTTCA GTACC TCCGAAATGC TTCCAGACTC 368

IleLeuAspG luLysGlnIl ePheSerThr SerGluMetL euProAspSe 123

GGACCCTGCA CCAGCTGTCA CTCTGCCCAA CTACCTGTTT CCTGCCTCTG 418

rAspProAla ProAlaValT hrLeuProAs nTyrLeuPhe ProAlaSerG 140

AGCCCGATGC CCTGAACAGG GCGG GTGACA CTAGTGACCA GGAGGG CAT 468 [p.\(G148Vfs*113\)](#) [p.\(H156Ifs*105\)](#)

luProAspAl aLeuAsnArg AlaGlyAspT hrSerAspGl nGluGlyHis 156

TCTCTGGAGG AGAAGGCCTC CAGAGAGGAA AGTGCCAAGA AGACTGGGAA 518

SerLeuGluG luLysAlaSe rArgGluGlu SerAlaLysL ysThrGlyLy 173

ATCAAAGAAG AGAATCCGGA AGACCAAGGG CAAC CGAAGT ACCTCACCTG 568 [p.\(R185X\)](#)

sSerLysLys ArgIleArgL ysThrLysGl yAsnArgSer ThrSerProV 190

TCACTGACCC CAGCATCCCC ATTAGGAAGA AATCAAAGGA TGGCAAAGGC 618

aThrAspPr oSerIlePro IleArgLysL ysSerLysAs pGlyLysGly 206

AGCACCATCT ATCTGTG GA GTTCCTCCTG GCTCTTCTGC AAGACAGAAA 668 [p.\(W212C\)](#)

SerThrIleT yrLeuTrpGl uPheLeuLeu AlaLeuLeuG lnAspArgAs 223

CACCTGTCCC AAGTACATCA AG IGGACCCA G CGAGAGAAA GGCATCTTCA 718 [p.W231R](#) [p.\(R234X\)](#)

nThrCysPro LysTyrIleL ysTrpThrGl nArgGluLys GlyIlePheL 240

AACTGGTGGG CTCCAAAGCT GTGTCCAAGC TGTGGGGGAA GCAGAAAAAC 768 [p.\(S248F\)](#) [p.W251S](#)

ysLeuValAs pSerLysAla ValSerLysL euTrpGlyLy sGlnLysAsn 256

AAGCCTGACA TGAAGTATGA GACAATGGGG CGGGCACTAA GATACTACTA 818

LysProAspM etAsnTyrGl uThrMetGly ArgAlaLeuA rgTyrTyrTy 273

CCAAAGAGGC ATACTGGCCA AAGTGGGAAG GCAGAGGCTG GTGTACCAGT 868

rGlnArgGly IleLeuAlaL ysValGluGl yGlnArgLeu ValTyrGlnP 290

TTAAGGAGAT GCCCAAGGAC CTGGTGGTCA TTGAAGATGA GGATGAGAGC 918

heLysGluMe tProLysAsp LeuValValI leGluAspGl uAspGluSer 306

AGCGAAGCCA CAGCAGCCCC ACCTCAGGCC TCCACGGCCT CTGTGGCCTC 968

SerGluAlaT hrAlaAlaPr oProGlnAla SerThrAlaS erValAlaSe 323

TGCCAGTACC ACCCGGCGAA CCAGCTCCAG GGTCTCATCC AGATCTGCC 1018 [p.A339fs](#)

rAlaSerThr ThrArgArgT hrSerSerAr gValSerSer ArgSerAlaP 340

CCCAGGGCAA GGGCAGCTCT TCTTGGGAGA AGCCAAAAAT TCAGCATGTC 1068

roGlnGlyLy sGlySerSer SerTrpGluL ysProLysIl eGlnHisVal 356

GGTCTCCAGC CATCTGCGAG TCTGGAATTG GGACCGTCGC TAGACGAGGA 1118

GlyLeuGlnP roSerAlaSe rLeuGluLeu GlyProSerL euAspGluGl 373

GATCCCCACT ACCTCCACCA TGCTCGTCTC TCCAGCAGAG GGCCAGGTCA 1168

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ysLeuThrLy sAlaValSer AlaSerSerV alProSerAs nIleHisLeu 406

GGAGTGGCCC CCGTGGGGTC GGGCTCGGCC CTGACCCTGC AGACGATCCC 1268
GlyValAlaP roValGlySe rGlySerAla LeuThrLeuG lnThrIlePr 423

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oLeuThrThr ValLeuThrA snGlyProPr oAlaSerThr ThrAlaProT 440

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AlaGlyProA laGlyProSe rSerGlnPro ProGlyThrV alIleAlaAl 523

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GGCTCATCTT CAGCCACTTC CAACCCAGGT GGTTCAGG GGTCCCACA 1768

nAlaHisLeu GlnProLeuP roThrGlnVa lValSerArg GlySerHisA 590

ATCCGAGCCT TCTGGGCAAC CAGACTTTGT CTCCTCCCAG CCGCCCCACT 1818

snProSerLe uLeuGlyAsn GlnThrLeuS erProProSe rArgProThr 606

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rgSerProTh rProAlaPro PheSerProP heAsnProTh rSerLeuIle 656

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LysMetGluP roHisAspIl eStop

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ACCTGCCCCT GCATTTCAGT GGGATGTCAA TACACTTGAC CCCAAGTCCC *126

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GTAGCCCCGC CCCACCTGA AAAGTGGTTT CTGCCACCCC TACTCCAAC *1926
CCATGGAAAC TCATTGCTGG AAGGTCATCA ATGACCTCAT GGTGAAATCA *1976
AATGTCTTCT TCACAGTTCT CGGGCCCCCG TGAGCCCACA CTAGCTGGGC *2026
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TGGGTGCAGC AAACCACCAT GGCACATGTA TACCTATGTA ACAAACCTGC *2676
ACGTTCTGCA CATGTATCCC AGAACTTAAA GTATAATAAT AATAATAATA *2726
ATAATAATAA TAATAATAAT AAAAATCAAG CAAACAAAAA

***ELF4* (NM_001421.4) - cDNA + Protein - 2024-05-14**

