



ELF4 (NM_001421.4) - cDNA - 2025-02-13

ACTTCTCCTT TCGCCGGCGC CGAGTTCCTG GCGCCGCTCG CCCGGCCCCG -333
CTTCCGAGGG GAGAGGACGG GCTGGCGGGG CTGGGGACCC GCGTCTCGGC -283
CCCCGGAGCG GGGACCACGG AGACAGACCC CGGCCCGGCG 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
TAATCCCATT GTCAGCTCTC TGAAAAGACA GCATGGCTAT TACCCTACAG 18
CCCAGTGACC TGATCTTTGA GTTCGCAAGC AACGGGATGG ATGATGATAT 68
CCACCAGCTG GAAGACCCCT CTGTGTTCCC AGCTGTGATC GTGGAGCAGG 118 [p.\(Q39X\)](#)
TACCCTACCC TGATTTACTG CATCTGTACT CGGGACTGGA GTTGGACGAC 168
GTTACAATG GCATCATAAC AGACGGGACC TTGTGCATGA CGCAGGATCA 218
GATCCTGGAA GGCAGTTTTT TGCTGACAGA TGACAATGAG GCCACCTCGC 268
ACACCATGTC AACCGCGGAA GTCTTACTCA ATATGGAGTC TCCCAGCGAT 318
ATCCTGGATG AGAAGCAGAT CTTCAGTACC TCCGAAATGC TTCCAGACTC 368
GGACCCTGCA CCAGCTGTCA CTCTGCCCAA CTACCTGTTT CCTGCCTCTG 418
AGCCCGATGC CCTGAACAGG GCGGCTGACA CTAGTGACCA GGAGGGCAT 468 [p.\(G148Vfs*113\)](#) [p.\(H156Ifs*105\)](#)
TCTCTGGAGG AGAAGGCCCTC CAGAGAGGAA AGTGCCAAGA AGACTGGGAA 518
ATCAAAGAAG AGAATCCGGA AGACCAAGGG CAACCGAAGT ACCTCACCTG 568 [p.\(R185X\)](#)
TCACTGACCC CAGCATCCCC ATTAGGAAGA AATCAAAGGA TGGCAAAGGC 618
AGCACCATCT ATCTGTGGGA GTTCCTCCTG GCTCTTCTGC AAGACAGAAA 668 [p.\(W212C\)](#)
CACCTGTCCC AAGTACATCA AGTGGACCCA GCAGAGAGAAA GGCATCTTCA 718 [p.W231R](#) [p.\(R234X\)](#)

AACTGGTGGG CTCCAAAGCT GTGTCCAAGC TGTGGGGGAA GCAGAAAAAC 768 [p.\(S248F\)](#) [p.W251S](#)
AAGCCTGACA TGAACATATGA GACAATGGGG CGGGCACATA GATACTACTA 818
CCAAAGAGGC ATACTGGCCA AAGTGGGAAGG GCAGAGGCTG GTGTACCAGT 868
TTAAGGAGAT GCCCAAGGAC CTGGTGGTCA TTGAAGATGA GGATGAGAGC 918
AGCGAAGCCA CAGCAGCCCC ACCTCAGGCC TCCACGGCCT CTGTGGCCTC 968
TGCCAGTACC ACCCGGCGAA CCAGCTCCAG GGTCTCATCC AGATCTGCC 1018 [p.A339fs](#)
CCCAGGGCAA GGGCAGCTCT TCTTGGGAGA AGCCAAAAAT TCAGCATGTC 1068
GGTCTCCAGC CATCTGCGAG TCTGGAATTG GGACCGTCGC TAGACGAGGA 1118
GATCCCCACT ACCTCCACCA TGCTCGTCTC TCCAGCAGAG GGCCAGGTCA 1168
AGCTCACCAA AGCTGTGAGT GCATCTTCAG TGCCAGCAA CATCCACCTA 1218
GGAGTGGCCC CCGTGGGGTC GGGCTCGGCC CTGACCCTGC AGACGATCCC 1268
ACTGACCACG GTGCTGACCA ATGGGCCTCC TGCCAGTACT ACTGCTCCCA 1318
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GGTGGCAGCC CCAGGGGCTC CACTGATCTC CAGTGGCCTC CCCCAACTTC 1468
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GCTGGACCAG CAGGGCCCAG CTCTCAGCCC CCTGGGACTG TCATTGCTGC 1568
CTTCATCAGG ACTTCTGGCA CTACAGCAGC CCCTAGGGTC AAGGAGGGGC 1618
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ATCCGAGCCT TCTGGGCAAC CAGACTTTGT CTCTCCCAG CCGCCCCACT 1818
GTTGGGCTGA CCCCAGTGGC TGAAC TTGAG CTCTCCTCAG GCTCAGGGTC 1868
CCTGCTGATG GCTGAGCCTA GTGTGACCAC ATCTGGGAGC CTTCTGACAA 1918
GATCCCCCAC CCCAGCCCCT TTCTCCCCAT TCAACCCTAC TTCCCTCATT 1968
AAGATGGAGC CCCATGACAT **ATAAGCAAAG** GGGTCAGGGC AAGTGTGACC *26
CACCAGGCAA AATTGAGCAG CATTTTCATA GGGACCGACT TCAGTAGCAC *76
ACCTGCCCTT GCATTTTCAGT GGGATGTCAA TACACTTGAC CCCAAGTCCC *126

CCGGCCCTGC CTGGTGTAC TGTGGCCAAA CAGTGCCAG CTTAAGCATC *176
CCTGGCATCA GACTATGGCC TTCAAGAGCA CTAGGGCATA TGCTTTTGGC *226
AGCATAACGG GCTGACTTGG TGATGGAGGG AAAAAGCCTT GAGCCAGGCA *276
GAAGTTTGTG GCCAGGGTTT GTGCAGCAGC TTTGTGAGAA GAGCCCTTCT *326
ACCTGGCTCT ATCTCACTGG CTGCATTCCC TACACAGGGA ATTTACTACC *376
CTATATGTGA ATATCCCTGT ATGTACTTGT GTGTACTTGT TGGTCTGTAT *426
CTTAGTTTCT TTGGGGAGGA CAGGGCTGTA GCTGTGAGGT CTTGTCTCCA *476
AGGGTGTGTG TATGTCTCCG TGGATCAGCC ACAGGGATAG GGATTTTGTT *526
TTTAAGGGAA AGCATTCCTCT AATTCCTTT GTTCATGCCG AGATTCAGTT *576
GCTCTGAGAC TATGGGGTAC AAGTTTGATC CTCCGAATCT GGAGATGTTG *626
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GGGGAAGATG CGCTCCTCAG GGACACAAAG GCCGAGTGGG GTAAAACCAC *726
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CAAGGTACTC TTCTTGAGT TTGCCGTGTT AGCAACCACA GTCACCTTGC *826
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GACGGGGATG AAGTGCCCTC CAGCCTCAGA GCTAGCCACA AAGCCCCCAG *926
AGCTGAATTC ATTGAGTATT TGTGCCTAGG GCTTGGGCTG TTTGTGTGAT *976
ACCGGCCCC CGCCAGACAA TAGCCTTTGC TGACACCCCA GCCTACTTCC *1026
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GCATCACTGC GGCTAGTCCG GCAGCGACCT AGATGGGGTC CACCCCATC *1126
CCTGCTCAAG CATGGGCACC TACCACATGG TTTCTGCTGC TCAGCCTGCC *1176
TGCAACTCAC CTCGAAGGCG GACCAGCCTG CCTCTGTGAT GACTGCAGCA *1226
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GTAGCCCCGC CCCACCTGA AAAC TGGTTT CTGCCACCCC TACTCCAAC *1926
CCATGGAAAC TCATTGCTGG AAGGTCATCA ATGACCTCAT GGTGAAATCA *1976
AATGTCTTCT TCACAGTTCT CGGGCCCCCG TGAGCCCACA CTAGCTGGGC *2026
TCTCCTGCAT CCCCATCAC CCTTCCGGG GCTGGTTCTT CACCTACCAC *2076
TTCCAACGTG GCTGTTCAAG AATCTCATCC ATTTTGGGCT CATTTTGGCT *2126
CCTCGGAGAT GGGTCC TAAA TCTAGAGCTC CAGTCCCAAC CTTTCTCTTA *2176
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CTTGTCAGCT CCTTAAAGAT AGCCCCCTA TCAACAATGT TTTTGTGTTGT *2276
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GCAATCTCGG TTCACTGCAA CCTCTGCCTC CCAGGCTCAA GTGATTCTCC *2376
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AGCTAATTTT TGTATTTTCA GTAGAGCCAG GGTTTCACCA TTTCGGCCAG *2476
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TTTAAATTAT TTCCACGCTC AAAAAAACC TTTCCAAGAT GACGGGTTGA *2626
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ACGTTCTGCA CATGTATCCC AGAACTTAAA GTATAATAAT AATAATAATA *2726
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