



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

ACTTCTCCTT TCGCCGGCGC CGAGTTCCTG GCGCCGCTCG CCCGGCCCCG -333
CTTCCGAGGG GAGAGGACGG GCTGGCGGGG CTGGGGACCC GCGTCTCGGC -283
CCCCGGAGCG GGGACCACGG AGACAGACCC CGGCCCCGGC ACCGAGCTGG -233
GCCCCGTGAGC 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
CCCAGTGACC TGATCTTTGA GTTCGCAAGC AACGGGATGG ATGATGATAT 68
CCACCAGCTG GAAGACCCCT CTGTGTTCCC AGCTGTGATC GTGGAGCAGG 118 [p.\(Q39X\)](#)
TACCCTACCC TGATTTACTG CATCTGTACT CGGGACTGGA GTTGGACGAC 168
GTTCACAATG 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 GCGGGTGACA CTAGTGACCA GGAGGGCAT 468 [p.\(G148Vfs*113\)](#) [p.\(H156Ifs*105\)](#)
TCTCTGGAGG AGAAGGCCTC 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 TGAAGTATGA GACAATGGGG CGGGCACTAA GATACTACTA 818
 CCAAAGAGGC ATACTGGCCA AAGTGGAAGG GCAGAGGCTG GTGTACCACT 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
 CTCAGCTCGT TCTCCAGAGT GTTCCAGCGG CCTCTACTTT CAAGGACACC 1368
 TTCACTTTGC AGGCCTCTTT CCCCTGAAC GCCAGTTTCC AAGACAGCCA 1418
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 TGGCTGGGGC CAACCGTCCG ACCAACCCGG CGCCACCCAC GGTCACAGGG 1518
 GCTGGACCAG CAGGGCCCAG CTCTCAGCCC CCTGGGACTG TCATTGCTGC 1568
 CTTTCATCAGG ACTTCTGGCA CTACAGCAGC CCCTAGGGTC AAGGAGGGGC 1618
 CACTGAGGTC CTCCTCCTAT GTTCAGGGTA TGGTGACGGG GGCCCCCATG 1668
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 ATCCGAGCCT TCTGGGCAAC CAGACTTTGT CTCCTCCCAG CCGCCCCACT 1818
 GTTGGGCTGA CCCAGTGGC TGAAGTTGAG CTCTCCTCAG GCTCAGGGTC 1868
 CCTGCTGATG GCTGAGCCTA GTGTGACCAC ATCTGGGAGC CTTCTGACAA 1918
 GATCCCCCAC CCCAGCCCCT TTCTCCCCAT TCAACCCTAC TTCCCTCATT 1968
 AAGATGGAGC CCCATGACAT ATAAAGCAAAG GGGTCAGGGC AAGTGTGACC *26
 CACCAGGCAA AATTGAGCAG CATTTTCATA GGGACCGACT TCAGTAGCAC *76
 ACCTGCCCCT GCATTTCACT GGGATGTCAA TACACTTGAC CCCAAGTCCC *126

CCGGCCCTGC CTGGTGTAC TGTGGCCAAA CAGTGCCCAG 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 AGCATTCTCT AATTCCCTTT GTTCATGCCG AGATTCAGTT *576
GCTCTGAGAC TATGGGGTAC AAGTTTGATC CTCCGAATCT GGAGATGTTG *626
TAGAGCTGGA ACGAGTGCAG AGTAGGAACG CTTTGATGCG CATGCACATT *676
GGGGAAGATG CGCTCCTCAG GGACACAAAG GCCGAGTGGG GTAAAACCAC *726
GAAGGGAGGG AAGGGAAGTC AGCTCTGGGA GCAGCCCTCA CTGGCTGGAC *776
CAAGGTACTC TTCCTGGAGT TTGCCGTGTT AGCAACCACA GTCACCTTGC *826
AGTCAGGCTG GAATCTTGGG CCACCCCAA GTGCTTTGCT GAAGGATTTA *876
GACGGGGATG AAGTGCCCTC CAGCCTCAGA GCTAGCCACA AAGCCCCCAG *926
AGCTGAATTC ATTGAGTATT TGTGCCTAGG GCTTGGGCTG TTTGTGTGAT *976
ACCGGCCCCC CGCCAGACAA TAGCCTTTGC TGACACCCCA GCCTACTTCC *1026
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GCATCACTGC GGCTAGTCCG GCAGCGACCT AGATGGGGTC CACCCCCATT *1126
CCTGCTCAAG CATGGGCACC TACCACATGG TTTCTGCTGC TCAGCCTGCC *1176
TGCAACTCAC CTCGAAGGCG GACCAGCCTG CCTCTGTGAT GACTGCAGCA *1226
GACCTCCTTG GGTGTACCAA TGCCCCTCAT CTCCCACCTT CACACCTAAC *1276
CCTGACTCCT TCACCAAGAA GACGGGAGTC GGCAGCCAGG AGTTCCCGTG *1326
GCACCTCTCT CTCTTCGTGG CTCCCTGCTT CCCCCTTCCC TCTTTCCGAG *1376
GAAGGGTCAA CCTATTCTCT CTCAAAGCCA ACCCCTAGGC CAATTGCCTG *1426
GATCTCCTCC CCTCTCCCTT CTTTAAACGA GCTTGCCTCC CTCCTGCCAA *1476
GTTTGAGGGC AAGGCTAAGA AATGTCAGCC ACGGAAACAA CTCTATTATC *1526

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TTGGTACAGA ACCATCCACT TGACCTAACT ACCTCCCCTG GCCGCGCTCT *1626
CGCTCTTCTC TTCTTTGTTA AGCCAACAAC TATCACCTC TCCTACTCTT *1676
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ACTATGCGTG TTTCCAGCAG TTGGCATTAA AGTGCCTTTT TCTAATAAAA *1776
TCAGTTTATT ATGACAGTTT CCTGATGGTT GAAAGTAAGC ATCTTGATAA *1826
AGGGTCACCA TTAACAAAAA ATTTTGCATA AAGGTGCTGC ATGGGTTGGG *1876
GTAGCCCCGC CCCCACCTGA AAAGTGGTTT CTGCCACCCC TACTCCAAC *1926
CCATGGAAAC TCATTGCTGG AAGGTCATCA ATGACCTCAT GGTGAAATCA *1976
AATGTCTTCT TCACAGTTCT CGGGCCCCCG TGAGCCCACA CTAGCTGGGC *2026
TCTCCTGCAT CCCCATCAC CCTTTCCGGG GCTGGTTCTT CACCTACCAC *2076
TTCCAACGTG GCTGTTCAAG AATCTCATCC ATTTTGGGCT CATTTTGGCT *2126
CCTCGGAGAT GGGTCCTAAA TCTAGAGCTC CAGTCCCAAC CTTTCTCTTA *2176
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CTTGTCAGCT CCTTAAAGAT AGCCCCTCTA TCAACAATGT TTTTGTGTTG *2276
TCGTTTGTGTT TTGAGTCAGA GTCTTGCTCT GTCGGCTGGA GTGCAGTGGT *2326
GCAATCTCGG TTTACTGCAA CCTCTGCCTC CCAGGCTCAA GTGATTCTCC *2376
TGCCTCAGCC TCCTGAGTAG CTGGGAGTAC AGGCACATGC CACCATGCCC *2426
AGCTAATTTT TGTATTTTCA GTAGAGCCAG GGTTTCACCA TTTCGGCCAG *2476
GCTGGTCTCG AACTCCTGGC CTCAGGTGAT CCACCCACCT TGGCCTCCCA *2526
AAGTGCTGGG ATTACAGGCG TGAGCAACCA CGGCTGGCCA ACAATGGATT *2576
TTTAAATTAT TTCCACGCTC AAAAAAACC TTTCCAAGAT GACGGGTTGA *2626
TGGGTGCAGC AAACCACCAT GGCACATGTA TACCTATGTA ACAACCTGC *2676
ACGTTCTGCA CATGTATCCC AGAACTTAAA GTATAATAAT AATAATAATA *2726
ATAATAATAA TAATAATAAT AAAAATCAAG CAAACAAAAA

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