



MEFV (NM_000243.3) - cDNA - 2025-04-02

CTACCAGAAG CCAGACAGCT GGCTCGAGCC TCTCCTGCTC AGCACCATGG 4 [chr16:g.3320350_3256171dup](#) [-12C>G](#)

CTAAGACCCC TAGTGACCAT CTGCTGTCCA CCCTGGAGGA GCTGGTGCCC 54 [L9L](#) [T12I](#)

TATGACTTCG AGAAGTTCAA GTTCAAGCTG CAGAACACCA GTGTGCAGAA 104 [Y19C](#) [K25R](#) [L28V](#) [Q34P](#) [K35R](#)

GGAGCACTCC AGGATCCCC GGAGCCAGAT CCAGAGAGCC AGGCCGGTGA 154 [R39G](#) [R42W](#) [P50L](#)

AGATGGCCAC TCTGCTGGTC ACCTACTATG GGGAAAGAGTA CGCCGTGCAG 204 [A56S](#) [L57L](#) [G62W](#) [Y65Y](#) [V67E](#)

CTCACCCTG AGGTCCTGCG GGCCATCAAC CAGCGCCTG TGGCCGAGGA 254 [R75Q](#) [E84K](#)

GCTCCACAGG GCAGCCATTC AGGAATATTC CACACAAGAA AACGGCACAG 304 [H87R](#) [A89T](#) [Q97K](#) [Q97X](#) [Q97R](#) [N99N](#)

ATGATTCCGC AGCGTCCAGC TCCTGGGGG AGAACAAAGCC CAGGAGCCTG 354 [D102D](#) [D103D](#) [S104C](#) [A105E](#) [S108R](#) [S108G](#) [L110P](#) [L110L](#) [G111R](#) [G111E](#) [G111G](#) [334_335insG](#) [P115T](#)
[P115R](#) [R116S](#)

AAGACTCCAG ACCACCCCGA GGGGAACGAG GGGAACGGCC CTCGGCCGTA 404 [T120I](#) [H123Q](#) [P124P](#) [E125E](#) [E128_N130del](#) [390_391insGAGGGGAAC](#) [N130N](#) [Y135H](#)

CGGGGCGGA GCTGCCAGCC TGCGTGCAG CCAGCCCGAG GCCGGGAGGG 454 [G136R](#) [G136W](#) [G136E](#) [G136G](#) [G138G](#) [S141I](#) [R143P](#) [S145G](#) [E148RfsX5](#) [E148Q](#) [E148V](#) [E148D](#) [G150G](#)
[R151S](#) [G152R](#)

GGCTGTCGAG GAAGCCCCTG AGCAAACGCA GAGAGAAGGC CTCGGAGGGC 504 [S154P](#) [R155T](#) [S159N](#) [E163A](#) [E163D](#) [A165T](#) [A165A](#) [S166L](#) [S166S](#) [E167D](#)

CTGGACGCGC AGGGCAAGCC TCGGACCCGG AGCCCGGCCC TGCCGGGCGG 554 [L169V](#) [Q172P](#) [P175H](#) [T177I](#) [S179I](#) [S179N](#) [P180R](#) [P180P](#) [P183T](#) [P183P](#)

GAGAAGCCCC GGCCCTGCA GGGCGCTAGA GGGGGGCCAG GCCGAGGTCC 604 [S187N](#) [P188P](#) [A193V](#) [L194P](#) [E195E](#) [G196W](#) [G196R](#) [G197R](#)

GGCTGCGCAG AAACGCCAGC TCCGCGGGGA GGCTGCAGGG GCTGGCGGGG 654 [R202Q](#) [L203P](#) [R204H](#) [N206S](#) [N206K](#) [606_621dup](#) [S208C](#) [S208T](#) [S209S](#) [G211G](#) [G218A](#)

GGCCCCCGG GGCAGAAGGA GTGCAGGCC TTCGAAGTGT ACCTGCCCT 704 [G219G](#) [P221P](#) [G222R](#) [K224del](#) [E225G](#) [E225D](#) [E230K](#) [E230Q](#) [Y232H](#) [c.698_700dupTGC](#) [P234P](#) [S235L](#)

GGGAAAGATG CGACCTAGAA GCCTTGAGGT CACCATTTCT ACAGGGGAGA 754 [G236V](#) [M238I](#) [R239R](#) [R241K](#) [S242G](#) [S242S](#) [S242R_C>G](#) [S242R_C>A](#) [E244K](#) [I247V](#) [T249A](#) [G250A](#) [E251K](#)

AGGCGCCCGC AAATCCAGAA ATTCTCCTGA CTCTAGAGGA AAAGACAGCT 804 [761_764dup](#) [P257L](#) [I259V](#) [K266E](#) [T267I](#) [A268V](#)

GCGAATCTGG ACTCGGCAAC AGAACCCCCG GCAAGGCCCA CTCCGGATGG 854 [N270D](#) [S273L](#) [P277T](#) [R278P](#) [P283R](#) [P283L](#)

AGGGGCATCT GCGGACCTGA AGGAAGGCC TGGAAATCCA GAACATTCGG 904 [S288Y](#) [A289V](#) [A289E](#) [E299G](#)

TCACCGGAAG GCCACCAGAC ACGGCTGCGA GTCCCCGCTG CCACGCCCCAG 954 [G304R](#) [P307P](#) [T309M](#) [P313H](#) [R314C](#) [R314H](#) [R314R](#) [A317T](#)

[GAAGGAGACC](#) [CAGTTGACGG](#) [TACCTGTG](#)TG [CGTGATTCCT](#) [GCAGCTTCCC](#) 1004 [E319K](#) [V328A](#) [R329H](#)
[CGAGGCAG](#)TT [TCTGGGCACC](#) [CCCAGGCC](#)TC [AGGCAGCC](#)GC [TCA](#)CC[TGGCT](#) 1054 [E336K](#) [V338L](#) [S339F](#) [R348H](#) [P350S](#) [P350R](#)
[G](#)CCCC[CGGTG](#) [CC](#)AGGACTCC [CATGAA](#)AGGA [AGAG](#)GCCCGGG [AAGCC](#)TAAGC 1104 [C352C](#) [P353A](#) [R354W](#) [Q356R](#) [R361T](#) [S363N](#) [S363S](#) [P364L](#) [P364P](#) [L367V](#)
[C](#)CCCAGCCCC [T](#)GC[CACAGTG](#) [TA](#)AGCGCCAC [CTGAAGCAGG](#) [TC](#)CAGC[TGCT](#) 1154 [P369S](#) [L372P](#) [P373L](#) [K376R](#) [Q383K](#) [L384P](#)
[C](#)TTCTGTGAG [G](#)A[TCAC](#)GATG [AGCC](#)CATCTG [C](#)CTCATCTGC [AGTCTGAGTC](#) 1204 [D389V](#) [D391N](#) [P393P](#) [L396F](#)
[AGGAGC](#)ACCA [AGGCCACC](#)GG [GTGC](#)GCCCCA [TTGAGGAGGT](#) [C](#)GCCCTGGAA 1254 [E403K](#) [H404R](#) [R408Q](#) [c.1229G>A](#) [V415V](#) [E418*](#)
[CACAAGAAGA](#) [AA](#)A[TTCAGAA](#) [GC](#)AGCTGGAG [CATCTGAAGA](#) [AGCTGAGAAA](#) 1304 [I423V](#) [I423T](#) [Q426R](#)
[ATCAGGGGAG](#) [GAG](#)CAGCGAT [CCTATGGGGA](#) [GGAGA](#)AGGCA [GTGAGCTTTC](#) 1354 [Q440E](#) [S442T](#) [K447M](#)
[TGAAACAAAC](#) [TGA](#)AGCGCTG [AAGCAGC](#)GGG [TGCAGAGGAA](#) [GCTGGAGCAG 1404 \[E456D\]\(#\) \[A457V\]\(#\) \[A457A\]\(#\) \[R461Q\]\(#\) \[Q468Q\]\(#\)
\[G\]\(#\)TGTACTACT \[TCCTG\]\(#\)GAGCA \[GCA\]\(#\)AGAGCAT \[TT\]\(#\)C\[TTTGTGG\]\(#\) \[CCTCACTGGA 1454 \\[V469L\\]\\(#\\) \\[Y471X\\]\\(#\\) \\[E474K\\]\\(#\\) \\[E474E\\]\\(#\\) \\[Q476Q\\]\\(#\\) \\[H478Y\\]\\(#\\) \\[F479L\\]\\(#\\) \\[L484M\\]\\(#\\)
\\[GGAC\\]\\(#\\)G\\[TGGGC\\]\\(#\\) \\[CAG\\]\\(#\\)ATGGTTG \\[GGCAGATCAG \\\[GAAGGCATAT\\\]\\\(#\\\) \\\[GACACC\\\]\\\(#\\\)CGCG 1504 \\\[V487M\\\]\\\(#\\\) \\\[V487L\\\]\\\(#\\\) \\\[Q489Q\\\]\\\(#\\\) \\\[R495K\\\]\\\(#\\\) \\\[R501G\\\]\\\(#\\\) \\\[R501C\\\]\\\(#\\\) \\\[R501H\\\]\\\(#\\\) \\\[R501R\\\]\\\(#\\\)
\\\[TAT\\\]\\\(#\\\)CCCAGGA \\\[CATCGCCCTG \\\\[CTC\\\\]\\\\(#\\\\)GATGCGC \\\\[TGATTGGGGA \\\\\[ACTGGAGGCC\\\\\]\\\\\(#\\\\\) 1554 \\\\\[S503C\\\\\]\\\\\(#\\\\\) \\\\\[D505G\\\\\]\\\\\(#\\\\\) \\\\\[I506V\\\\\]\\\\\(#\\\\\) \\\\\[I506I\\\\\]\\\\\(#\\\\\) \\\\\[A507T\\\\\]\\\\\(#\\\\\) \\\\\[L508Q\\\\\]\\\\\(#\\\\\) \\\\\[D510N\\\\\]\\\\\(#\\\\\) \\\\\[D510D\\\\\]\\\\\(#\\\\\) \\\\\[A511V\\\\\]\\\\\(#\\\\\) \\\\\[A511E\\\\\]\\\\\(#\\\\\) \\\\\[I513T\\\\\]\\\\\(#\\\\\) \\\\\[G514E\\\\\]\\\\\(#\\\\\)
\\\\\[AAGG\\\\\]\\\\\(#\\\\\)A\\\\\[GTGCC\\\\\]\\\\\(#\\\\\) \\\\\[AGTCAGAATG\\\\\]\\\\\(#\\\\\) \\\\\[GGAACTTCTG \\\\\\[CAGGACATTG\\\\\\]\\\\\\(#\\\\\\) \\\\\\[GAGACATCTT\\\\\\]\\\\\\(#\\\\\\) 1604 \\\\\\[E520V\\\\\\]\\\\\\(#\\\\\\)
\\\\\\[GCACAGGGCT\\\\\\]\\\\\\(#\\\\\\) \\\\\\[AAG\\\\\\]\\\\\\(#\\\\\\)ACAGTGC \\\\\\[CTGTCCCTGA\\\\\\]\\\\\\(#\\\\\\) \\\\\\[AAAGTGGACC\\\\\\]\\\\\\(#\\\\\\) \\\\\\[ACTCCTCAAG 1654 \\\\\\\[K539N\\\\\\\]\\\\\\\(#\\\\\\\) \\\\\\\[P550A\\\\\\\]\\\\\\\(#\\\\\\\)
\\\\\\\[AGATAAAACA\\\\\\\]\\\\\\\(#\\\\\\\) \\\\\\\[AAAGATCCAA\\\\\\\]\\\\\\\(#\\\\\\\) \\\\\\\[CTCCTCCACC \\\\\\\\[AGAAGTCAGA\\\\\\\\]\\\\\\\\(#\\\\\\\\) \\\\\\\\[GTTTGTGGAG\\\\\\\\]\\\\\\\\(#\\\\\\\\) 1704 \\\\\\\\[E552D\\\\\\\\]\\\\\\\\(#\\\\\\\\) \\\\\\\\[L559F\\\\\\\\]\\\\\\\\(#\\\\\\\\)
\\\\\\\\[AAGAGCACAA\\\\\\\\]\\\\\\\\(#\\\\\\\\) \\\\\\\\[AGTACTTTCTC \\\\\\\\\[AGAA\\\\\\\\\]\\\\\\\\\(#\\\\\\\\\)ACCCCTG \\\\\\\\\[CGTTCAGAAA \\\\\\\\\\[TGAA\\\\\\\\\\\[AATGTT\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) 1754 \\\\\\\\\\\[T577SAT\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) \\\\\\\\\\\[T577A\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) \\\\\\\\\\\[T577N\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) \\\\\\\\\\\[T577SCG\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) \\\\\\\\\\\[T577I\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) \\\\\\\\\\\[M582L\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) \\\\\\\\\\\[E583A\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\)
\\\\\\\\\\\[CAATGTTCCG\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\) \\\\\\\\\\\[GAGCTGATTG \\\\\\\\\\\\[G\\\\\\\\\\\\]\\\\\\\\\\\\(#\\\\\\\\\\\\)CGCTCAGGC \\\\\\\\\\\\[ACATGCTGTT \\\\\\\\\\\\\[AATGTGATTC 1804 \\\\\\\\\\\\\\[P588P\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\) \\\\\\\\\\\\\\[I591T\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\) \\\\\\\\\\\\\\[I591M\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\) \\\\\\\\\\\\\\[G592G\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\) \\\\\\\\\\\\\\[A595V\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\) \\\\\\\\\\\\\\[c.1792G>A\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\) \\\\\\\\\\\\\\[N599D\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\[TG\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\)GATGCAGA \\\\\\\\\\\\\\[AACCGCTTAC \\\\\\\\\\\\\\\[CC\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\)CA\\\\\\\\\\\\\\\[ACCTCA\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[TCTTCTCTGA\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[TGATCTGAAG\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) 1854 \\\\\\\\\\\\\\\[L602L\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[T606T\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[P609P\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[N610D\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\[AGTGTTAGAC\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[TTGGAAACAA\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[G\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\)TGGGAGAGG \\\\\\\\\\\\\\\[C\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\)TGCCTGATG \\\\\\\\\\\\\\\[G\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\)CCCGCAAAG 1904 \\\\\\\\\\\\\\\[W626R\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[R628K\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[P630AfsX2\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[G632S\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[G632A\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\[P633L\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\[ATTTGA\\\\\\\\\\\\\\\\[CAGC\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\[TGTAT\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\)CATTG \\\\\\\\\\\\\\\\[TTCTGGGCTC \\\\\\\\\\\\\\\\\[TCCGAGTTTC\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\[CTCTCTGGCC 1954 \\\\\\\\\\\\\\\\\\[F636Y\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[D637G\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[I640M\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[I641F\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[V642A\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[P646L\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[P646P\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[L649F\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[L649P\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[S650Y\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[G651S\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\[R652C\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\[GCCGTTACTG \\\\\\\\\\\\\\\\\\\[GG\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\)AGGTGGAG \\\\\\\\\\\\\\\\\\\[GTTGGAGACA \\\\\\\\\\\\\\\\\\\\[AGACAGCATG\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\[GATCCTGGGA 2004 \\\\\\\\\\\\\\\\\\\\\[R652H\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[R652R\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[R653S\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[R653H\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[E656A\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[V659F\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[D661N\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[D661Y\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[K662Dfs*36\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[I666V\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\[G668R\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\\\\[GCCTGCAAGA \\\\\\\\\\\\\\\\\\\\\\[CATCCATAAG\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\[CAGGAAAGGG\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\[AACATGACTC \\\\\\\\\\\\\\\\\\\\\\\[TGTCGCCAGA 2054 \\\\\\\\\\\\\\\\\\\\\\\\[K671M\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[S675N\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[G678R\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[G678E\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[N679H\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[M680L\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[M680V\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[M680IGC\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[M680IGA\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[M680IGT\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[T681I\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[S683S\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[E685K\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\\\\\\\[GAATGGCTAC\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[TGGGTGGTGA\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[T\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\)AATGATGAA \\\\\\\\\\\\\\\\\\\\\\\\[GGAAAATGAG\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\[TACCAGGCGT 2104 \\\\\\\\\\\\\\\\\\\\\\\\\[G687D\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[Y688C\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[Y688F\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[Y688X\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[V690L\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[V690G\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[V691G\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[V691A\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[I692DEL\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[M693K\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[M693I\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[M694V\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[M694L\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\\\\\\\\[M694DEL\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[M694K\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[M694I\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[K695R\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[K695M\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[K695N\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[E698D\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\[A701A\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\\\\\\\\[C\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\)CAGCGTTCC \\\\\\\\\\\\\\\\\\\\\\\\\[CCC\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\)GACCCGC \\\\\\\\\\\\\\\\\\\\\\\\\[CTGCTAATAA \\\\\\\\\\\\\\\\\\\\\\\\\\[AGGAGCCTCC\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\[CAAGCGTGTG 2154 \\\\\\\\\\\\\\\\\\\\\\\\\\\[S702C\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[S703S\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[V704I\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[P705S\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[P706P\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[R708C\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[L709R\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[R717S\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[R717H\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\[R717L\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\\\\\\\\\\[GGCATCTTCG \\\\\\\\\\\\\\\\\\\\\\\\\\\\[TGGACTACAG \\\\\\\\\\\\\\\\\\\\\\\\\\\\\[AGTTGGAAGC \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[ATCTCCTTTT \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[ACAA\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[ATGTGAC\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) 2204 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[I720M\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[F721L\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[F721F\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[V722M\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[D723D\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[V726A\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[I729V\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[I729M\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[S730C\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[N733D\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[N733S\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[AGCCGATCC \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[CACATCTATA\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[CATTCGCCAG \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[CTGCTTTTC \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[TCTGGGCCCC 2254 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[R737K\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[F743Y\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[F743L\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[F743F\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[A744S\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[A744T\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[A744D\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[S747C\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[S749C\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[TTCAACCTAT \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[CTTCAGCCCT \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[GGGACCGTG \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[ATGGAGGGAA\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\[GAACACAGCT 2304 \\[Q753Q\\]\\(#\\) \\[Q753H\\]\\(#\\) \\[P754R\\]\\(#\\) \\[I755V\\]\\(#\\) \\[P758S\\]\\(#\\) \\[R761C\\]\\(#\\) \\[R761H\\]\\(#\\) \\[G764G\\]\\(#\\) \\[N766H\\]\\(#\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\\]\\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\\)\\\\\\\\\\\\\\]\\\\\\\\\\\\\\(#\\\\\\\\\\\\\\)\\\\\\\\\\\\\]\\\\\\\\\\\\\(#\\\\\\\\\\\\\)\\\\\\\\\\\\]\\\\\\\\\\\\(#\\\\\\\\\\\\)\\\\\\\\\\\]\\\\\\\\\\\(#\\\\\\\\\\\)\\\\\\\\\\]\\\\\\\\\\(#\\\\\\\\\\)\\\\\\\\\]\\\\\\\\\(#\\\\\\\\\)\\\\\\\\]\\\\\\\\(#\\\\\\\\)\\\\\\\]\\\\\\\(#\\\\\\\)\\\\\\]\\\\\\(#\\\\\\)\\\\\]\\\\\(#\\\\\)\\\\]\\\\(#\\\\)\\\]\\\(#\\\)\\]\\(#\\)\]\(#\)](#)

CCTCTGACTA TCTGTCCAGT GGGTGGTCAG GGCCTGACT GAATGCCCAA *8 P769A I772Y Q778Sfs*4 Q778L G779G P780T

CACTGCATCT CTCTTCCCTGC TTCTGGCCTT GTATCTTGCA TTCACACTCA *58 *9C>T *12T>C *21C>G

ATAGTCACGG AATGCCGACT AGGTGCTAGC TGCTATGGGA AATGCAAAAA *108

TAACAAAATA GTTACTGTGC CCACGGAGCC TACCCGATTA TAGCAGAGGT *158 c.*133G>A

AAGTTAGGAA CGAACATGTT AGTCAATCCG GGTGAAGACA TGTACTGATG *208

ACACACCATG GATTTCAGAG GAGGAAGTAC GGAGTCGTTG CATAATCCGC *258 c.*245G>A

CCCTGGTGGG TGGCACTCTC AGGTGCTCCT GAACAGAAGA TTTGGCCCTC *308 c.*267G>A

ATTTTCCCTC AGAACCCAC GGCAAGGATA TATGTCCCTT TGTTCTCTCT *358

GCTTCTGTCT TGAGGATATG GGAAGCCTAG AGAAACGCAA GCAGACTGGA *408

TTGGGATAGA AGTATTTGTG TACCTGGATT AATGAACTAT GATTTTTTTTT *458

TTTTTTTTTTT GAGACCAAAT CTTGCTCTGT GGCCAGGCT GGAGTGCAGT *508

GGCACGATCT CAGCTCACTG CAACCTCCAC CTCCCAGGTT CAAGCGATTC *558

TCCTGCCTCA GCCTCCTGAG CAGCTGGGAT TACAGGTGCG TGCCACCACA *608

CCAGGCTGGT TTTCTTGTAT TTTTAGTAGA GACGGGGGTT TCACCATGTT *658

AGCCAGGCTG GTCCTGAACT CCTGACCTCA GGTGATCCAC CCGCCTCAGC *708

CTCCCAAAGT GCTGGGATTA CAGGCATGAG CCACTGTGCC CGGCCTATGA *758

TTCTTTTTTTT TTTTTTTTTTT TGAGACAAAG TTTTGCTCTT GTCACCCAGG *808

CTGGAGTGCA GTGGTGCAAT CTTGGCTCGC AACCTCCGCC TCCCAGGTTT *858

AAGAGATTCT CCTGCCTCAG CCTCCGAAGT AGCTGGGATT ACAGGCGCCC *908

GCCACCATGC CCGGCTAATT TTTTGCATTT TTAGTAGACA TGAGGTTTCA *958

TCATGTTGGC CAGGCCGGTC TCAAACCTCT GACCTCAGGT GATGCACCCA *1008

CCTCAGCCTC CCAAAGTGCA GGGATTACAG GCATGAGCCA CCATGCCGGG *1058

CCATGATTCT TAAGAGAATT GACTGGGCCCT CATGAATAAA AAAATTAGAA *1108

AATCTG

MEFV (NM_000243.3) - cDNA - 2025-04-02

