



OGFRL1 (NM_024576.5) - cDNA - 2026-10-14

AGTGCGGGGC GGGCGCGCCT AGGCTGCCGC CCAGCGCCCT CGCCGCGGGC -77
ATGCCCGGGC CCTAGAGCGC CTGCCGCAGC TTGCGCCCCG CAGCCCCGCA -27
GCCCCGCGCC CGCCGCCGCC TCTTCAATGG GCAACCTGCT CGGCGGGGTC 24
AGCTTCCGCG AGCCACCAC CGTGGAGGAC TGC GACTCCA CCTGGCAGAC 74
CGACTCGGAG CCCGAGCCG AAGAACCAGG GCCGGGCGGC GGCAGCGAGG 124
GCCCCGGGCA GGAGTCCGAG CAGCCCGCGC AGCCCCCGGA GCAAGCCGGC 174
GGGCGGCCCG GCGCCAGCCC CGCGCCGGAC GAGGACGCCG AGGCGGCGGG 224
CGCCGAGCAG GGTGGTGATT CCACTGAAGC AACTGCCAAA CCAAAGAGAA 274
GTTTTTATGC TGCCAGGGAT TTGTACAAGT ACCGACACCA GTACCCAAAC 324
TTCAAAGATA TCCGATATCA AAATGACTTG AGCAATCTTC GTTTTTATAA 374
GAATAAAATT CCATTCAAGC CAGATGGTGT TTACATTGAA GAAGTTCTAA 424
GTAAATGGAA AGGAGATTAT GAAAACTGG AGCACAACCA CACTTACATT 474
CAATGGCTTT TCCCCCTGAG AGAACAAGGC TTGAACTTCT ATGCCAAAGA 524
ACTAACTACA TATGAAATTG AGGAATTCAA AAAAAACAAA GAAGCAATTA 574
GAAGATTCCT CCTGGCTTAT AAAATGATGC TAGAATTTTT TGGAATAAAA 624
CTGACTGATA AAACTGGAAA TGTTGCTCGG GCTGTAACT GGCAGGAAAG 674
ATTTTCAGCAT CTGAATGAGT CCCAGACAA CTATTTAAGA ATCACTCGTA 724
TTCTTAAAAG CCTTGGTGAG CTTGGATATG AAAGTTTAA ATCTCCTCTT 774
GTAAAATTTA TTCTTCATGA AGCTCTTG TG GAGTAATA TTCCAATAT 824
TAAGCAGAGT GCTCTAGAGT ATTTTGTTTA TACAATTAGA GACAGAAGAG 874
AAAGGAGAAA GCTCCTGCGG TTCGCCGAGA AACACTACAC GCCTTCAGAG 924
AACTTTATCT GGGGACCGCC TCGAAAAGAA CAGTCGGAGG GAAGCAAAGC 974

CCAGAAAATG TCTTCCCCTC TCGCCTCCAG TCATAACAGT CAAACTTCTA 1024
TGCACAAAAA AGCCAAGGAC TCCAAAAATT CCTCCTCAGC TGTTCAATTA 1074
AATAGCAAAA CAGCTGAAGA CAAAAAAGTG GCACCAAAAAG AGCCTGTGGA 1124
AGAGACAGAC AGGCCAGGCC CAGAGCCCAG CAATGAAGCT GCCAAGCCAA 1174
GAAATACAGA GAAGGACAGT AATGCTGAGA ACATGAATTC TCAACCTGAG 1224
AAAACAGTTA CTA CTACTCCCAC AGAAAAAAG GAGAGTGTAT CTCCTGAGAA 1274
TAACGAAGAA GGTGGAAATG ATAACCAAGA CAATGAAAAT CCTGGAAAATA 1324
CAAATTGCCA TGATGTTGTA CTAGTACAGT GAATTATCAG AAAACCCAGA *18
AGCCAGTTTA GGCTAGAGAG GAAAAAATA CTGTATCATT TATCCTAAAG *68
AACAGAGATG AGGTCAATTT CAAATTTTAG CCATCTGTTT GTGATTTCTG *118
TCATAAGCAT TTTGTTGTTT GTTTTTTTAT TTTGGATGAC AATGAATTGA *168
ATATCTAATA AGGAGATTTA AGATAAGACC CAATAAATGA ATGTATTCTG *218
TAATGCTTTT AGGATGTGAA TTTTCAAATT TTGTATATAA TAATTACTTT *268
GAGAATATTT TCAGAGTATC TAGAAATTAC CATGTAGTAT TTGGTATACA *318
AAATACATTC TTTTGAGACA TTATAGTCTA CATGAAGGAA ATCAAGAGGA *368
TAATTTTCATT GGATTGCTAC ACTTTTACCT GATTTATGGC TTTATTTTAC *418
TTTATTTTAT TTTATTATTA TTTTTTGAGA CGGAGTCTCT GTTGCCCAGG *468
CTGGAGTGCA GTGGCATGAT CTCGGCTCAC TGCAACCTCT GCCTCCTGGA *518
CTCAAACGAT TCTCCTGCCT CAGCCTCCTG AGTAGCTGGG ATTACAGGCG *568
TGTGCCACCA CGCCTGGCTA ATTTTGTAT TTTTAGTAGA GACGGGGTTT *618
CACCATGTTG GTCAGGCTGG TCTCAAACCT CTGACCTCAT GATCCACCCG *668
CCTCGGCCTC CCAAAGTGCT GGGATTACAG GCATGAGCCA CCATGTCTGG *718
CTGATTAATT TTTTTTTTAA CTGTAAGAGT TTGATCTTTT CAAATGTGTT *768
CAGAAACTAA TTTGGATTCT TTGATTCTAG TATCTCAACG TGTTTATTTT *818
TAGATTCTGA TAAGTGAAAT GGATGTCCTT GTGGAGCTCT GGCCTCCCCA *868
GCTTATCTAT CAGTCCTGCT GTCCTCACCT CCTTGCCTCT TTCCATGCTT *918
ACCCTTAAGC CACCATCTTT CTCAGCTAGC GTGTGTGTTT CTAGTGTAGT *968
TGGCCCTCCA TATTCAGGGG TCCAGCATCT GTGGATTCAA CCAACCGCAG *1018

ATTGAAAATA TTTGTTGGAA AAAATGGATG GTTACATCTC TACTAAATAT *1068
GTGCAGTCCT TTTATTTGTC ATTATTCTCT AAACAATACA GTATAACAAC *1118
TATTGACATA GCATTTATAT TGTATGTATT AGGTATTGTA AGTAATTTAG *1168
AGATGATTTA AAGTATTTTA CATAAGGGAC TTGAGCATTG CTAGATTTTG *1218
GTAAGTGCAG AGGGTCCTGG AACCAACCCC CTACAGATAT CAAGGGACCA *1268
CTATACACAT TAGGATGATC TATATTGAAA TCTACATGGA ACAGAGTGGG *1318
ACTTCTAATT GTATGACTTC AAGATTTTGC TTTGTTTAAA TTAATAACTG *1368
TTTTCAGAAT TAAGTGCTTA AAAACAAATT TGATTGAAAA GTTCAAGACA *1418
AGAATTTTGC TCTCTATGGC TGTTCATAT AAATTTGATG GTTGATTCTG *1468
AATGTAAATG ACTGAAGAAT TAAAAAATAA GAAATTCCTT TTTAAAAGGC *1518
ATGCCTCTTG CACTGTGAAC AAGACAGTAG TCCCTTAAAC CATGAATATG *1568
TCAGTGTTCT ATGGATTACG AAATTAGTAA TGTGCTTAG CCCAAACGTG *1618
TTTTTTAAAA AGTATAGTTT TGTACATCTC TAAGTTATCA AACTTCAAAA *1668
TTGAGAACAA ATTTAAAAGT CCATATATGC AACTCTAGTA AGCACTTAAT *1718
AGGTTACATA GCACTGGTTA AGAACAATTA ATTTTGTTTC TATATTATTA *1768
CTAATTATTA TTACAAATCA AAAAACAAGT TGATAAGAAC TTCAAAGCAT *1818
ATATACAAAT ATAGTTAAAG CAATGAATAG ATGAAACATG TCTACTTTAT *1868
TTCATTTAGA AAGGAATTAA CTTTTTTGTT AGGCTTTTAA GAAAAGTTCT *1918
ATTCATTTTA ATCCCCTAGG GAATTTGTAA TATGTCCTAC TTCATATCAT *1968
CTTCTGTTGC CTCTATTGAT CCACATTTTC TGCAGTGGAT TTCTTGAAAA *2018
GAATCACACT TATAGTATGC CTCTAGAAAT ATGATTTTAC TGCTTTGAAG *2068
TTTACATGAA ACATGCCAGT TGCTTAACTC TAATTTTTTA TATGAATCTC *2118
AGTAGCACTT TTGTTGTACA TTGTGTTCCA ATAAGTATAG TATGGAACAC *2168
TTTCTCATTT TTAGTTCCCA TAATATGCCA GTTTTTGCTT TCCTAGTGTT *2218
CTGTGAGTAT TAGGATTTGG CAATCTGCTT TTGCATTTCA ATTTCTGTTT *2268
TACATGCAAG AAAAACATGG AACTCTTAC GTGGTGCTTG TAGCTGTGTC *2318
TCCGTAGAGC TCAGTAAATA GTTCTACAGG GTTTAGAGGA TGAGAAGCGA *2368
TTGTCAAATT AGGCTGAATT GTAGAACACA AATAATTTAA TTCAAAATAA *2418

CTTACCAATT TTATATACAT GATAAAGTAT TCAGACAACT TTCTAAATGC *2468
ATAATAGTAA AAGATTGTGA CCAGATATTA TGATATTAAT AAAGTTACCA *2518
GATACTAAAA TCAATGAATG TAATTTGAAT TACTTAGAAA TTGTATATTA *2568
GAGCCCTTAT GAGTAAAAAC ATTTTCATTTA GCAACTTAAC TTTTAGAATA *2618
TTCTTCCTAC TTAGGGATTT TGATTAGATT GTAACATTAA ATTCGAGAAT *2668
ATTTAGTCTC AAGAGAAACA CTTCTGGCA TCCATCTTAA ATAGTGGCCT *2718
TTTCCCACTA TGGTGTTTTT AAATGCATAT TCATATATAA TAGTATGTTT *2768
CTTACATTTA ATCCCTAAAT AACTTAGATA ATCATTGAGT GGAGAACAAG *2818
TAAAAGGATA TCATTCCTTT TGGAGATAAA CATTGAGTGT CTAGAATTTT *2868
TTTCTATTAA TGCTTTGTAT ATTAGTTTTT TAAATAAGAT CTATAGATAT *2918
GTATTTATGT GTGCTTTATA TATGAAACAG TGCTCTGGGT TTGACTCCTA *2968
TGTTTTGTAA TTTTAAAAAC TACGATATGC TTGCAGAAAT TCATTGAGAA *3018
GCTGTTATAA AAAATGCAGT GAAGCATGAC CAAATAGCTA AAAATATTAC *3068
TGAATCTTTA CAAATATATA ATCTTTATTG TTGTAAGTG GAGTGCAAGG *3118
ATACTAAATA TTGGCTATTG ATAAAATACT AACTTGCAAT TCATGGCAAA *3168
TAGATGTTAT ATCGCTTGAT TAGTCTAGAA CATTCTAAT ATTTTGTGCT *3218
TTCATATATC AAAGGAGATT ATGTGAACT ATTTTTAAAT ACTGTAAAGT *3268
GACATATAGT TATAAGATAT ATTTCTGTAC AGTAGAGAAA GAGTTTATAA *3318
CATGAAGAAT ATTGTACCAT TATACATTTT CATTCTCGAT CTCATAAGAA *3368
ATTCAAAAGA ATAATGATAG AGGTGAAAAT ATGTTTACTT TCTCTAAATC *3418
AAGCCTAGTT GTCAACTCAA AAATTATGTT GCATAGTTTT ATTTTGAATT *3468
TAGGTTTTGG GACTACTTTT TTCCAGCTTC AATGAGAAAA TAAAATCTAC *3518
AACTCAGGAG TTAGTAGAGA AGTTCTAAGT ATTTTTTTGC TAAGTAGTAA *3568
AAATATAAAC ATATGAAAAT GCCATAATGC CTGTCATAGT CATTGTTTCA *3618
TATTTTGTCA TATAAAATCA CCTACCCTGC TTCTAGTTTT ATACTTTAAT *3668
CTGAGTGAAA GTATGATGTG GTGGAAAGAA AAAACAGTAC AGTATTACAT *3718
CTGAGTTAGT CTTTGAAAAA TCATAGTAGT AAATGAACCT CAACACTGAG *3768
TGGTCAAAAA TTGGGTTAAC CAATGGGGGG AGAATATTTG GTTAATTGTT *3818

TTAATATTAA ATTTTCAAGT TTATAATAGA GTTATGGTTG AGTAGTCATC *3868
CATACTGAGT AATCACGCAT TTTTAAACT ATAATTGAGG CTCTTCTAAA *3918
GCTTTGTTTT CTAATCTAAG ATACAAAGGA TATTCTTGAT CTTGCTTGAT *3968
TGTAAC TACA TCTACCAGTC TTTAATGTCT GTTTGGGGTG AGTGGCGATC *4018
CTCTGTTGTA GGAATGTTTT TGAAGATTTT TATTTTGTTT TCCACTTAGG *4068
AAATTCCCCT CTCTCATTTG GGGTATATGC GTTGAGTATA AGGTAGGCTG *4118
TATTTAGACA CACTAGAATC ATTAAATGTA GGTGAAGTTG TAGAGAAAAA *4168
TGGCCTGGGT CAATGTAGGA TCTAGAAAAT TAGGAGTGTA CATTTGCTGG *4218
CTTCTTTTTG AGTTTTGTAC TGTTTATTAC AGGAACATAT TTGTGTGGCT *4268
AATCTCTAGG GTGACAGTGA GTACTACCCT GCTCCTTCTG CATTCTAGTT *4318
ATCCAACACA CCCAGCAGAT TGTGTTTCAGG GACAGAATGT GTTTTTAGAA *4368
ATCCCTTATT ATTGAAATGA ATAATAATAT AGCTATAAAT ATGAATGTCT *4418
GGAGGTATCC AGATGTGCCT TAACAAATGT AAATGGTTTT CATTGAGAAG *4468
TTTACATTTT TATTACATTA TAAAATCTCA TCATTGGGAA CTTTCTAAAC *4518
CATGAATATC AGTTCTTTTA ATGAAATTTA GGTGGTGCTT TATCATTTTG *4568
GAGAAGTTGC TGTTTGGGAC AATAGCATCA GTTTATCAAG AAGTGACTC *4618
ACCATGATAT TCAACAATGT GTTACATTTG ACAAACGTG TTTAGAGTAA *4668
GAAAGACTAA CTATACTGTC TGTTATATTT ATTTATGCTT TTTGTAGTTT *4718
AGCTACATAC TATAATTTTC ATTTTAAACG TTCCTTAGTT ACTACAAATA *4768
ATATTTATGT TTTGCTTCTT CTTAGATGTA GCGGATGCA GAAATAGAAT *4818
TATGTTAGAG AAATTATTAA AAGTTTAATT CCAGTAGGCA GTTGGAGAAA *4868
TCTGAAACTA ATTTGAAAAA CTTTATGCT GTAGTCTCAT TAGAATCATT *4918
TTAAAAGCAC TGTTCTTGCA TTTTCCCTAG ACTACAGAGA GTGTTCTTTG *4968
TCATTTTTTT TCCTATTCTG TTGTGAAGTT TATTGTTTCA GTTATTTGAG *5018
GGAAATAACC TCTTAATATG TTTATTTTCC TGAACATAAG TTTTCATGTA *5068
GAGAATACAA TTAAATGTTT TGTGTTATGA CCCAACTGG CTGGAAGTAG *5118
AGTTCAGAGA GGGAGAAGGG ACAAGAATCA GTGTGGGCAT CTCAGGAAAAG *5168
TGGCGCCAGT GCTGGGCTCC AGCCTTCTCC ACTGGCATGA TGGGTCCTCA *5218

GATTCTCCTC TGGATAATGA GGGTGTGGG CACTGTGAGC TCTGACTTCT *5268
GGGGAGGATA GGCCATCATG GACTCCATAC ACAATTTTGA TGGGTATCAG *5318
TTCTCATAAA ATACCTGCTA CAATTTATTT ATTTTGTAGT TGTTTAGAAA *5368
ACTGTGAGCA GTTGGGCATT AGTAAATTGT AGTTATATCT TAACGATCTT *5418
GGGAATCATT GAAATATGAG TTTTTTCC TCACTCCTAT TTATTTAATT *5468
AAAAAATTAG GGAAGTTGTT CATTACAGC TGTATATTAA TATAAAATCT *5518
CTTTATAAAA TGATTACAGAG AAAAGGCAGT AGTGGTCACT TACTGTGCTA *5568
AAATACCTTT TTCTCTAAAA ATATTTAAGC TTTAGGGTTT GTCATAGTTT *5618
TACTTTTTAA ATTATACTTT GTGTAACAAT TTACGTTAAC TAGAAAAATT *5668
AGATATATAA TAAGTTTTGG TACTAAGAAA CATTTACATT CTACACTCAT *5718
TAGTCAAATG AACTTTTCTT TCCCAGTGCT AACAGATTTT GTTTCATGTG *5768
AAGAAAAATA AAATACAAAT GAAATAAAG TCTAGAAACA GCAACAGGAA *5818
ACTCACCACA GAAATAAAGA CATAACCCTT GATAAGTTTG TGTAAGTGCC *5868
AGAATTATTG GAAGCAGGTG ACGAATGATT AAGAAAAGCT TTATTGTGGG *5918
GACATGCTTT AAGAATCAGC TCTGTATTTG TGCCAAGGAG ATCAGGTATT *5968
GGTGTGCAAA CAGATCCCAT TAATACTCTG ATTTGAACCA TGAATTCCAC *6018
CTACTCTGCG TTGAAGCCCT CCAGTAGACT GATAGATGTA ATCAAATGAT *6068
CAGCTACCAA GTTTAATTCC TTTGCCTGTG TGTAGCAACA GTTGGTAGTT *6118
TTACAAGTTA AGTTGATGGT CTGGCTGCAG ATAAGAGAAA GACTCAGTGA *6168
TAGGTGGTTT GTGAGTGAAG TAACTTCCAC ACTGTCAAGA GTTGACAGCA *6218
TATTAATTGT GTGGCATTAT AATTGTGAGA AACAAATGAG AGCAAAATGT *6268
TAGGTCCTTT GACAAGCATT TTCCTCCTGT TTTTAAAAAG GGCTTTAAGT *6318
TGTTTCCTAT GTAAGGTAAT CTTTCTTTTT TAGTATTATC TAAGAAGGAT *6368
GGTAGATTAT GTCATTTTGG AAATATTGT GTCCCTTGTA TTTTAAATAT *6418
TTCAGGAAAA TGCCTACGAT TGTTACAAAG ATGTGTGTTT TACTTATAAC *6468
ATAAGCTCTG ATTCTCCAGT GGCCACTGGG CCTTCTCTGT GCTCTGTATT *6518
CAACTGCAGT ATGAATTACA GAATGCTGTG CATGTTCGTT AGTACCAATA *6568
CCATGTGTAT GTGGTAGAAG TTGTAACCAG TTTCTGGATC TGTATGGTAC *6618

TATAAAATAC TTATTTTATA ATTCTGTAAC CGTATGGCAG TGTTATGCCA *6668
AAAATGTATA AAGAGCAATA GTTTTTGTTG CTTACTGCTG TATTTTAAAA *6718
TATTGTTTCT AAAATAATAG AGTTAGAGTT CCTTTTGAGT AATTATTTTT *6768
AAGAACTATT GCCAAATATA CATCCTGTAA AACTAATAAA AGCCACTCCA *6818
TCTTAGATAA CATTTTAGCA TTGTGCTAGA GTACATTATG GTGATTTTGC *6868
ACGATTAAAA TATTTTAAAA GAACTAGAAA AAATGACTTG CTGTTTTCCT *6918
GTCATTAAGC ATGTATTTTT TATGATTAAC ACATAAGACT AACATTATTT *6968
TCTTTTATCC TCAAAAATAA ATATTGTGAA GGGTGAATCA TA

OGFRL1 (NM_024576.5) - cDNA - 2026-10-14

