



*LACC1* (NM\_001128303.2) - cDNA - 2025-04-02

CCGGCCTCAC GCGACCCACC ATTCCCGCCG CCCCCTCAGG GTGCCC GCCG -542  
TTCCCGCCGC CCGGCTTTCT AACCGGGCCC CTAGTTCCCC GCCCGTGCC -492  
CTCTGGAGAC CTGCAGCTCC TGCCGCCCTG CGCCCGCTCC CAGGGCCCGT -442  
CGTTCCGCCG CCCTATCCCT CCTCAAGGGG CCCCTAGCTG CCTCCTCGCG -392  
ACCCTTTCCG GACTCGGCCT GCCACTCCT GCCCGCTAAC CCGCCTGGCT -342  
CCCGGGCGAG AGCCCTCGCG CGGCTCTGGT TCCTGTTCCCT CTAACGCCGC -292  
CGGGGCTGCG GGATGCCGAC TCCGCGGACC GCCCAGACCC GGAAGTCTGCT -242  
AGGCAGCAGC GGGCTCGCGG CGCTTGGCTC ATCCCGGGAT TCCCAGCTC -192  
TCGCGCTGGG CCCGCCCGT TCGCACCAAG CACGCCAGGC GGCCCTGGCC -142  
TACCTCCCTC CCGCTCCCG GCAGCTGGCA CGAGGGAACC TGGCCGTCAG -92  
GTTTCCCCTG GGATCCTGGG ACGGTATCAG GCGGGGAATC TGTGCGGCCG -42  
CGGCGAGGTG ATTTATTTGG CATAAAAGTA TTCTTTCAAG **GATGGCAGAA** 9 *c.3G>A*  
GCTGTTTTGA TTGATCTTTT TGGTTTGAAA TTGAACTCTC **AAAAAAACTG** 59 *c.56\_57insA*  
CCATCAGACA TTAAGTGAAGA CTTTGAATGC TGTCCAATAC CACCATGCTG 109  
CCAAGGCCAA GTTTCTCT**GT** ATAATGTGTT GCAGTAACAT CAGCTATGAA 159 *C43fs*  
AGGGATGGAG AACCAAGATAA TTGTGAAATA GAAACAAGCA ATGGATTATC 209  
AGCTCTCTTG GAAGAATTTG AGATTGTTAG CTGTCCCAGC ATGGCTGCCA 259  
CTTTGTATAC CATTAACAG AAAATGATG AAAAAATCT GAGCAGCATT 309  
AAGTAATTG TACCCAGGCA CAGGAAGACA TTAATGAAAG CTTTTATTGA 359  
TCAACTCTTC **ACT**GATGTTT ACAATTTTGA ATTTGAAGAT TTGCAAGTGA 409 *c.372del*  
CTTTTAGGGG AGGGCTTTTT AAACAGTCCA TTGAAATAAA CGTAATCACA 459  
GCTCAAGAAC TAAGAGGAAT TCAGAATGAA ATAGAAACAT TTTTGAGAAG 509

TCTGCCAGCA CTGAGAGGAA AATTAACAT TATCACTTCT TCTTTGATCC 559  
CAGATATTTT CATAATGGA TTTACTACAA GAACAGGTGG GATATCTTAT 609 T195I  
ATACCAACTC TTAGCTCATT CAATCTCTTC AGTAGTTCCA AACGGAGAGA 659  
TCCCAAGGTA GTGGTTCAAG AAAATCTGCG TAGGTTGGCG AATGCTGCAG 709  
GATTTAATGT GGAGAAATTT TACCGAATAA AGACTCATCA TTCCAATGAC 759  
ATCTGGATTA TGGGAAGAAA GGAGCCTGAC TCTTATGATG GAATAACCAC 809 I254V  
AAATCAGAGA GGAGTCACAA TAGCAGCTCT TGGTGCAGAC TGTATACCGA 859 T276fs A278P C284R  
TAGTTTTTGC AGATCCAGTC AAAAAAGCAT GTGGGGTTGC TCACGCTGGT 909  
TGGAAAGGTA CTTTGTTTGGG TGTTCCTATG GCTACAGTGA ATGCTATGAT 959  
AGCAGAATAT GGCTGCAGTT TGGAAGACAT TGTGTGTGTA CTTGGACCTT 1009 I330del  
CAGTAGGACC TTGCTGTTTT ACTCTTCCAA GGGAATCAGC AGAGGCATTT 1059 p.Glu348Ter  
CATAATCTTC ATCCTGCATG TGTACAACATA TTTGATTCAC CAAATCCCTG 1109 S366\* C370Y  
TATCGACATC CGTAAAGCCA CAAGGATTCT TCTAGAACAG GGAGGAATTC 1159  
TTCCACAGAA TATTCAGGAC CAGAACCAAG ATCTCAACCT CTGTACATCT 1209  
TGCCATCCTG ACAAGTTTTT CTCCCATGTC CGAGATGGCC TTAATTTTGG 1259 R414X  
TACACAGATT GGCTTCATAT CAATTAAGA ATGAGATACT TGACTGGATT \*16  
TTTGTATAAC TGCTTCCTGC CTCCTTCCAA ACTGACTGCA AGAGAGAAAT \*66  
TTAGCTGTTT GATTTACTTA AAACCAAATG GATTACAATG GATAATTCAT \*116  
CTTTTGGGTA TATTTTTACT ATTATTCAA GCCAAATGAT TTTCATTTAA \*166  
TTGTAATAAT AACTGACAAA AATCAGTATG TTGTAGCTAA TATGTTTTAT \*216  
GCATGAGAAT TATCTTAAA GTTTGTCTC CCTGTTTATT ACACAGATCA \*266  
GGAATAGATT TGTTCAATT AGTATTTATT GGATACCCTC TATTGGTCAG \*316  
GCATTGTGTT AAGCATATGT GAATCAAAAT GAACACAAC TTTTCCTTTG \*366  
AGTCTGATAC AGTGAAGGAG ATAAACACTT CTACAACCTA AATTTAATTT \*416  
TAATAGCAGT AGAAGAGAAC ATAAGGAATA GAGGTTAATT TTACCCAGAA \*466  
GCAGGATAGA GAAAATATTA CAGAGAAAAT CACATATCAC ATGGGCTCGA \*516  
AAGATGTAGA GGTTTTTGAC AAATGAAGAA CAACCATAAC AGGTAGAGGG \*566  
AACACCATGA ACCAGGGCAT GAAACTGAAA GTGCATAACA TATTCTAGAG \*616

AGAGAAGGGT GTGGGCATGA GTTAGGGCTG GAAAAACAGG TTGGAAACAG \*666  
ATAAGTAAGG GTCCTCAAATG CAATGTCAAA GAGCTTGCAG TTTATTTTCC \*716  
AGGCAATGAG TAGGCAGCCA AAAAAAAAAA AGTAAGGATG TTTTTTTTTT \*766  
TTTTCCCATG GCATCATATT TAAGAGGATG GATTTAAATT GTGTGAGACC \*816  
AAAGCATAGA GACTAGATAA GAGGCGATCA AAATATTTCA AAAAGAAATA \*866  
ATGAAGATCC AATGAAGGAA GTGGAAATTA AAATAGGGAA GAGAGTAGAT \*916  
GGATTAGAGA GACATTTAAG AGATGGAATC AATAGATCCT GTTACTAGAT \*966  
AATGGAAGTA AGAGGTGAGG AAGAGTGAA AAGTCATTAA TGACTCTAAG \*1016  
ATTTCTGCTT GGCTGCTTAC CAAGATTGGC AACAAAGGGA GGGAGAAGGT \*1066  
TTGGAAAAAG AGAGAAGGAT AATGAGTTTG ACTTTACATA GAATGAAGGG \*1116  
CATCCAGATA GAAATCTTTG GTTAATAATT AGAAATATAG ACCTAGAAAT \*1166  
TAGGAGGAAA CCTGAGACAG AGACAAATAT TTCAAAGCTT ACAATACAGA \*1216  
GATGATACCT GATTCATTG GAGCAGGTTT GATCATCTAG GCAGAAATTA \*1266  
GGATGAGAAA AAAGGAGATC CAATAATACA ACCTTATAGT CACAGAAGTA \*1316  
AGAAAAAAG GGTAGTTGTT TTGAAGAAGC CAGGATAGGT GTGGAAAGTA \*1366  
CTCAAAAAGA AATCTTCAGG GATAAAATAA AGTGATAATT TAAAAGAAAT \*1416  
CAATGGATTA AACATATTGA AACTGTTCTA TAGGCAGTGG TCATTGAGTC \*1466  
AGCTTTCAGT GCATTAGGAA GAAGATGCAT AGGTGTCAAC TCTTTTCTGA \*1516  
CAGCATTAC TAGAGAAGAG AAAAAGCTGG GGACTACATC TTCAAGGAAG \*1566  
GGACTTTTTT TGGATGAGCA GTTTTGAGTG TGTGTCAG TTAAAGAGAG \*1616  
GAATTAGGTT AGTTTTCATT TGGGAAAAAT TGTATATATA TTTAATGTAA \*1666  
GTTATCACAT TGCATCTTAA AAATATTCCT ATTTAATACA TATATTTCCCT \*1716  
ACATGTATAT GTGGTAGCAT GATAGCAAAT AACATTTGTT TGGTATTTCC \*1766  
AAAGGACTTT CATGTACATT GCCTCATTTT ACCTTTACAG CTECTCTGAA \*1816  
ATACACAGGC ATTATCCCTT TTATTCAGCT GAGAAAACCTG AGCTTCATTG \*1866  
AGGTGGAGGT CAAAAATCAC AAAATTTGTG ATGAATTAAG ATTTGAACAT \*1916  
ATGTTTTGTG ACTCCAGTTT TCCTTTCAGA TTTTAAAATT AATTAAAGGG \*1966  
ATCTTCATTA TACTTTTATT GTTAACTTTT TGTTAACATA ATTTATTCAT \*2016

ACATTCAGTG AAAATTTTGT TGAGGTACTG GGACAGGTTA AAAAATACAG \*2066  
TTGTAGCCCT CAGGATATTT AATATCCAGT GAAAAGTGAC AGTCAGTAAA \*2116  
CCAACAATCT CAATACTTTG ATATATGTTG TGAGGTTGTG ATAACCGATT \*2166  
CTTGTTTAGT TTAATTCTAT ATCTCCCTTA GACCAGTGTT AAATTTAAAT \*2216  
AAAACACCTC ATTTTTTCCA ATTCAGGGAA GGCACATAAC ATAAAGCATA \*2266  
GGATAGAAAT GTTGAACTCA TCCAAAATAT TATTTTGTTC AATGAAAATG \*2316  
ATGAAGATTA AGGAATACTT CCATGTATTG AGTAAGGTTG ATAATTTTCT \*2366  
AATCTTCAC TGTGCATTAT TTTGTTTGAA GTTGGTAAAT TTGGAGTATC \*2416  
CTGCAGACAC ATTTTGCTTT ATGTACTACA ACATTCTACA ACCAAATAAA \*2466  
AATTATTTG ATTATCTGA

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