



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

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CTCTGGAGAC CTGCAGCTCC TGCCGCCCTG CGCCCGCTCC CAGGGCCCGT -442
CGTTCCGCCG CCTATCCCT CCTCAAGGGG CCCCTAGCTG CCTCCTCGCG -392
ACCCTTTCCG GACTCGGCCT GCCACTCCT GCCCGCTAAC CCGCCTGGCT -342
CCCGGGCGAG AGCCCTCGCG CGGCTCTGGT TCCTGTTCCCT CTAACGCCGC -292
CGGGGCTGCG GGATGCCGAC TCCGCGGACC GCCCAGACCC GGAAGTGCCTG -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
                                     MetAlaGlu 3

GCTGTTTTGA TTGATCTTTT TGGTTTGAAA TTGAACTCTC AAAAAAACTG 59 c.56_57insA
AlaValLeuI leAspLeuPh eGlyLeuLys LeuAsnSerG lnLysAsnCy 20

CCATCAGACA TTACTGAAGA CTTTGAATGC TGTCCAATAC CACCATGCTG 109
sHisGlnThr LeuLeuLysT hrLeuAsnAl aValGlnTyr HisHisAlaA 37

CCAAGGCCAA GTTTCTCTGT ATAATGTGTT GCAGTAACAT CAGCTATGAA 159 C43fs
laLysAlaLy sPheLeuCys IleMetCysC ysSerAsnIl eSerTyrGlu 53
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AGGGATGGAG AACAAGATAA TTGTGAAATA GAAACAAGCA ATGGATTATC 209

ArgAspGlyG luGlnAspAs nCysGluIle GluThrSerA snGlyLeuSe 70

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rAlaLeuLeu GluGluPheG luIleValSe rCysProSer MetAlaAlaT 87

CTTTGTATAC CATTAAACAG AAAATTGATG AAAAAAATCT GAGCAGCATT 309

hrLeuTyrTh rIleLysGln LysIleAspG luLysAsnLe uSerSerIle 103

AAGGTAATTG TACCCAGGCA CAGGAAGACA TTAATGAAAG CTTTTATTGA 359

LysValIleV alProArgHi sArgLysThr LeuMetLysA laPheIleAs 120

TCAACTCTTC ACTGATGTTT ACAATTTTGA ATTTGAAGAT TTGCAAGTGA 409 [c.372del](#)

pGlnLeuPhe ThrAspValT yrAsnPheGl uPheGluAsp LeuGlnValT 137

CTTTTAGGGG AGGGCTTTTT AAACAGTCCA TTGAAATAAA CGTAATCACA 459

hrPheArgGl yGlyLeuPhe LysGlnSerI leGluIleAs nValIleThr 153

GCTCAAGAAC TAAGAGGAAT TCAGAATGAA ATAGAAACAT TTTTGAGAAG 509

AlaGlnGluL euArgGlyIl eGlnAsnGlu IleGluThrP heLeuArgSe 170

TCTGCCAGCA CTGAGAGGAA AATTAACAT TATCACTTCT TCTTTGATCC 559

rLeuProAla LeuArgGlyL ysLeuThrIl eIleThrSer SerLeuIleP 187

CAGATATTTT CATACTGGA TTTACTACAA GAACAGGTGG GATATCTTAT 609 [T195I](#)

roAspIlePh eIleHisGly PheThrThrA rgThrGlyGl yIleSerTyr 203

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IleProThrL euSerSerPh eAsnLeuPhe SerSerSerL ysArgArgAs 220

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lyPheAsnVa lGluLysPhe TyrArgIleL ysThrHisHi sSerAsnAsp 253

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AAATCAGAGA GGAGTCACAA TAGCAGCTCT TGGTGCAGAC TGTATACCGA 859 T276fs A278P C284R  
rAsnGlnArg GlyValThrI leAlaAlaLe uGlyAlaAsp CysIleProI 287

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TrpLysGlyT hrLeuLeuGl yValAlaMet AlaThrValA snAlaMetIl 320

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HisAsnLeuH isProAlaCy sValGlnLeu PheAspSerP roAsnProCy 370

TATCGACATC CGTAAAGCCA CAAGGATTCT TCTAGAACAG GGAGGAATTC 1159

sIleAspIle ArgLysAlaT hrArgIleLe uLeuGluGln GlyGlyIleL 387

TTCCACAGAA TATTCAGGAC CAGAACCAAG ATCTCAACCT CTGTACATCT 1209

euProGlnAs nIleGlnAsp GlnAsnGlnA spLeuAsnLe uCysThrSer 403

TGCCATCCTG ACAAGTTTTT CTCCCATGTC CGAGATGGCC TTAATTTTGG 1259 R414X

CysHisProA spLysPhePh eSerHisVal ArgAspGlyL euAsnPheGl 420

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yThrGlnIle GlyPheIleS erIleLysGl uStop

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TTAGCTGTTT GATTTACTTA AAACCAAATG GATTACAATG GATAATTCAT \*116

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TTGTAATAAT AACTGACAAA AATCAGTATG TTGTAGCTAA TATGTTTTAT \*216

GCATGAGAAT TATTCTTAAA GTTTGTCTC CCTGTTTATT ACACAGATCA \*266

GGAATAGATT TGTTCAGTTC 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

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AAAGCATAGA GACTAGATAA GAGGCGATCA AAATATTTCA AAAAGAAATA \*866  
ATGAAGATCC AATGAAGGAA GTGGAAATTA AAATAGGGAA GAGAGTAGAT \*916  
GGATTAGAGA GACATTTAAG AGATGGAATC AATAGATCCT GTTACTAGAT \*966  
AATGGAAGTA AGAGGTGAGG AAGAGTGGAA AAGTCATTA TGACTCTAAG \*1016  
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GATGATACCT GATTCTATTG GAGCAGGTTT GATCATCTAG GCAGAAATTA \*1266  
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ACATTCAGTG AAAATTTTGT TGAGGTACTG GGACAGGTTA AAAAATACAG \*2066  
TTGTAGCCCT CAGGATATTT AATATCCAGT GAAAAGTGAC AGTCAGTAAA \*2116

CCAACAATCT CAATACTTTG ATATATGTTG TGAGGTTGTG ATAACCGATT \*2166  
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*LACC1* (NM\_001128303.2) - cDNA + Protein - 2025-04-02

