



LACC1 (NM_001128303.2) - cDNA + Protein - 2024-05-14

CCGGCCTCAC GCGACCCACC ATCCCCGCCG CCCCCTCACG GTGCCCCGCCG -542
TTCCCCGCCG CCGGCTTTCT AACCGGGCCC CTAGTTCCCC GCCCGTGCC -492
CTCTGGAGAC CTGCAGCTCC TGCCGCCCTG CGCCCGCTCC CAGGGCCCGT -442
CGTTCCGCCG CCCTATCCCT CCTCAAGGGG CCCCTAGCTG CCTCCTCGCG -392
ACCCTTTCCG GACTCGGCCT GCCCACTCCT GCCCGCTAAC CCGCCTGGCT -342
CCCGGGCGAG AGCCCTCGCG CGGCTCTGGT TCCTGTTCTT CTAACGCCGC -292
CGGGGCTGCG GGATGCCGAC TCCGCGGACC GCCCAGACCC GGAAGTGTG -242
AGGCAGCAGC GGGCTCGCGG CGCTTGGCTC ATCCCGGGAT TCCCCAGCTC -192
TCGCGCTGGG CCCGCCGCGT TCGCACCAAG CACGCCAGGC GGCCCTGGCC -142
TACCTCCCTC CCGCCTCCCG GCAGCTGGCA CGAGGGAACC TGGCCGTCAG -92
GTTTCCCCTG GGATCCTGGG ACGGTATCAG GCGGGGAATC TGTGCGGCCG -42
CGGCGAGGTG ATTTATTTGG CATAAAAGTA TTCTTTCAAG **GATG**GCAGAA 9 [c.36>A](#)
MetAlaGlu 3

GCTGTTTTGA TTGATCTTTT TGGTTTGAAA TTGAACTCTC AAAAAAAGTG 59
AlaValLeuI leAspLeuPh eGlyLeuLys LeuAsnSerG lnLysAsnCy 20

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

CCAAGGCCAA GTTTCTCT**G**T ATAATGTGTT GCAGTAACAT CAGCTATGAA 159 [C43fs](#)
laLysAlaLy sPheLeuCys IleMetCysC ysSerAsnIl eSerTyrGlu 53

AGGGATGGAG AACAAAGATAA TTGTGAAATA GAAACAAGCA ATGGATTATC 209

ArgAspGlyG luGlnAspAs nCysGluIle GluThrSerA snGlyLeuSe 70

AGCTCTCTTG GAAGAATTTG AGATTGTTAG CTGTCCCAGC ATGGCTGCCA 259

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

pGlnLeuPhe ThrAspValT yrAsnPheGl uPheGluAsp LeuGlnValT 137

CTTTTAGGGG AGGGCTTTTT AACAGTCCA 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 CATACATGGA TTTACCTACAA GAACAGGTGG GATATCTTAT 609 [T195I](#)

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ATACCAACTC TTAGCTCATT CAATCTCTTC AGTAGTTCCA AACGGAGAGA 659

IleProThrL euSerSerPh eAsnLeuPhe SerSerSerL ysArgArgAs 220

TCCCAAGGTA GTGGTTCAAG AAAATCTGCG TAGGTTGGCG AATGCTGCAG 709

pProLysVal ValValGlnG luAsnLeuAr gArgLeuAla AsnAlaAlaG 237

GATTTAATGT GGAGAAATTT TACCGAATAA AGACTCATCA TTCCAATGAC 759

lyPheAsnVa lGluLysPhe TyrArgIleL ysThrHisHi sSerAsnAsp 253

ATCTGGATTA TGGGAAGAAA GGAGCCTGAC TCTTATGATG GAATAACCAC 809 I254V

IleTrpIleM etGlyArgLy sGluProAsp SerTyrAspG lyIleThrTh 270

AAATCAGAGA GGAGTCACAA TAGCAGCTCT TGGTGCAGAC IGTATACCGA 859 T276fs A278P C284R

rAsnGlnArg GlyValThrI leAlaAlaLe uGlyAlaAsp CysIleProI 287

TAGTTTTTGC AGATCCAGTC AAAAAAGCAT GTGGGGTTGC TCACGCTGGT 909

leValPheAl aAspProVal LysLysAlaC ysGlyValAl aHisAlaGly 303

TGGAAAGGTA CTTTGTTGGG TGTTGCTATG GCTACAGTGA ATGCTATGAT 959

TrpLysGlyT hrLeuLeuGl yValAlaMet AlaThrValA snAlaMetIl 320

AGCAGAATAT GGCTGCAGTT TGGAAGACAT TGTTGTTGTA CTTGGACCTT 1009 I330del

eAlaGluTyr GlyCysSerL euGluAspIl eValValVal LeuGlyProS 337

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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 C GAGATGGCC TTAATTTTGG 1259 R414X

CysHisProA spLysPhePh eSerHisVal ArgAspGlyL euAsnPheGl 420

TACACAGATT GGCTTCATAT CAATTAAAGA ATGAGATACT TGA CTGGATT *16

yThrGlnIle GlyPheIleS erIleLysGl uStop

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TTAGCTGTTT GATTTACTTA AAACCAAATG GATTACAATG GATAATTCAT *116

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GCATGAGAAT TATTCTTAAA GTTTGTTCTC CCTGTTTATT ACACAGATCA *266

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AGTCTGATAC AGTGAAGGAG ATAAACACTT CTACAACCTA AATTTAATTT *416

TAATAGCAGT AGAAGAGAAC ATAAGGAATA GAGGTTAATT TTACCCAGAA *466

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AGGTGGAGGT CAAAAATCAC AAAATTTGTG ATGAATTAAG ATTTGAACAT *1916
ATGTTTTGTG ACTCCAGTTT TCCTTTCAGA TTTTAAATT 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
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CTGCAGACAC ATTTTGCTTT ATGTACTACA ACATTCTACA ACCAAATAAA *2466
AATTATTTTG ATTATCTGA

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