

Additional File 1: Table S1. List of protein coding genes in the QTL region on Chr 12. The QTL region between 26 and 30 Mb is associated with relative content of total, saturated and unsaturated fat, collagen, collagen integrity and lipid to protein ratio in epididymal adipose tissue.

Symbol	Description	Location (Chr, Mb)
C920021A13	2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched library, clone:C920021A13 product:unknown EST, full insert sequence.	Chr12: 26.071106
A630075K04Rik	RIKEN cDNA A630075K04 (similar to putative histidine kinase)	Chr12: 26.347497
Rnf144	ring finger protein 144	Chr12: 26.985873
4930549C15Rik	RIKEN cDNA 4930549C15 gene	Chr12: 27.056029
Rsad2	radical S-adenosyl methionine domain containing 2	Chr12: 27.127800
Tyki	thymidylate kinase family LPS-inducible member	Chr12: 27.161892
4930435E18Rik	RIKEN cDNA 4930435E18 gene	Chr12: 27.499509
9830137M10Rik	RIKEN cDNA 9830137M10 gene	Chr12: 27.514510
C030020L09Rik	ESTs	Chr12: 27.819066
AI604832	adult retina cDNA, RIKEN full-length enriched library, clone:A930017G19 product:hypothetical protein, full insert sequence.	Chr12: 27.825848
Sox11	SRY-box 11; far 3' UTR	Chr12: 28.019523
1110015M06Rik	RIKEN cDNA 1110015M06 gene	Chr12: 29.122714
1700022F17Rik	RIKEN cDNA 1700022F17 gene	Chr12: 29.154778
Allc	allantoicase	Chr12: 29.238675
Colec11	collectin sub-family member 11	Chr12: 29.279091
Rps7	ribosomal protein S7	Chr12: 29.316015
Rnaseh1	ribonuclease H1; mid to distal 3' UTR	Chr12: 29.344077
Adi1	acireductone dioxygenase 1; mid 3' UTR	Chr12: 29.366465
Ttc15	tetratricopeptide repeat domain 15	Chr12: 29.375914
1110006E14Rik	ESTs	Chr12: 29.409481
Ttc15	tetratricopeptide repeat domain 15	Chr12: 29.420401
A630089K24Rik	3 days neonate thymus cDNA, RIKEN full-length enriched library, clone:A630090A15 product:unknown EST, full insert sequence.	Chr12: 29.634421
4833405L11Rik	RIKEN cDNA 4833405L11 gene	Chr12: 29.789095