

Supplementary Table S2. Primers used to amplify the 30 segments studied in this research		
Exon	Sequence 5' to 3'	Length (bp)
APOA5		
1-F 1-R	CAGTTGCCCCTGCAGAGG CTCCCCCAGGGTGGACAG	231
2-F 2-R	TTCAACGTGGGGGTGTGG AGGCAGCAGAGGCAGGTC	285
3A-Fa 3A-R	TCAGTGCGCGATGACTTG GGCCACCTGCTCCATCAG	342
3B-F 3B-R	TGCGGCAGCAACTGAAGC ACCTGCACGCAGCGACTG	316
3C-F 3C-R	GAGCTGCACCGCAGTGTG GCTGCTGCTGGACCTCCTC	319
3D-F 3D-R	CGCCAGGACACCTACCTGC CTTCCACCCTCCACCCAAC	346
GPIHBP1		
1-F 1-R	GCTGGGGACCAGTGTGAG TCTTCCTAAGCCCCTGCTG	295
2-F 2-R	CACGATGCTTGCCCAGAG CCTGCTGGCTTCCATCAC	285
3-F 3-R	GAACGGGGAGGTGGACAG GGCGGGGTCTCTGAGGTG	287
4-F 4-R	AACAGAGCCCTGCAGAGCCAC TCCAAATCCATTCTCCAAAGCTG	438
LMF1		
1-F 1-R	TCAGCTGTGAGGCAGGGGCAC TAGCCCCGAGCCGGTCCTGG	932
2-F 2-R	AGACTCTGCCTCCCCTTC CCAGTCTTTCCAAGTGCC	510
3-F 3-R	CAGGTCCTCCTCGCAGGG AAGGCTGATGGCAGAGGC	262
4-F 4-R	CAGCCCTGTCTCAAGGAC GGGGGAGGAAGGAAACAG	353
5-F 5-R	CCTTCGTGGATGGTTCGTC CCAGGGTGTGCAGGACTG	255
6-F 6-R	GGACCCACAAGCCTCTCCCTAG CTGTAATGCCCCAGGGTCCTC	344
7-F 7-R	CCTCCCTGCTCCAGGAAGAGAG CCTTGTTCTTGGCACGCTACAC	431

8-F	ACCCTTAGGGAGCAGCAGC	334
8-R	GCCTGCACTGTAACCCAC	
9-F	CTCAGTAGCCCCTGACCAGGAG	423
9-R	CTTCAGTGGGCGTTCTAGAAACC	
10-F	CCCACCTCCAGGAAAGCCTCAG	305
10-R	TGCAGGTACAGGTGGTGGGATC	
11-F	GTCTACCTGTGCTCAGGGTGGG	439
11-R	GCTCTCCTCTCCACGTCTCTCTTG	
LPL		
1-F	GCTGCCCCACTTCTAGCTG	330
1-R	CCCCTTCCAACCTCCTTC	
2-F	TCAGAAACAAAAATAGCATCAG	389
2-R	GAGATCCACGTGAGATGTG	
3-F	CATTTTCATGCAGGTGTATTG	338
3-R	AAAGAACAGCCGGTTTTTC	
4-F	TTTCAGTATTTCTATATTGG	316
4-R	CACACATGTGGGTATTTAAC	
5-F	TCAAATGATGAGCAGTGAC	396
5-R	CTGAGTAGGACATTGGGTC	
6-F	TCACCTATTTTAGACATGCC	397
6-R	GTACATGTGATGCAGTGAGC	
7-F	TGAATTGCCTGACTATTTGG	278
7-R	CTCTCTGCTTCTGCTGCTC	
8-F	GTGCATTTTTTAAAATATCCCC	397
8-R	CTCCCTGAATTGTGAAGG	
9-F	TATCAAAACAATTACCCAGC	356
9-R	ACTGATTGAATGCTTTGATC	
F: forward, R: reverse. *For analysis, exon3 of the APOA5 gene was divided into four fragments		