


Supplementary Material

Figure S1: Nucleotide sequence of amplified regions of intron 6 of the *LPL* gene.

(A) Region 1

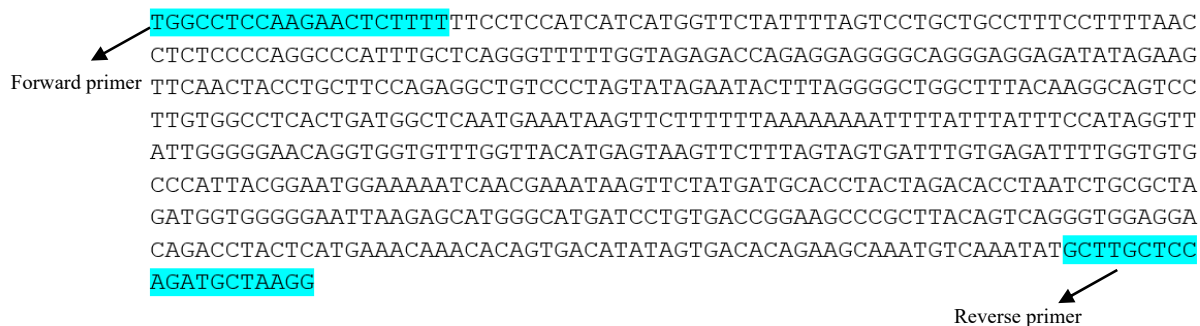
Primer 62 binding sequence: 498bp

Forward primer  **ACTAAACCCTGAGCCCTGGT** GTTCTGTTGATAGGGGGTTGCATTGATCCATTTGTCTGAGGCTTCTAAT
TCCCATTTGTCAGCAAGGTCCCAGTGCTCAGTGTGGGATTTGCAGCCTTGCTCGCTGCCCTCCCCTGTAAA
TGTGGCCATTAGCATGGGCTAGGCTATCAGCACAGAGCTCAGAGCTCATTTGGAACCATCCACCTCGGGT
CAACAACTATAACCCTTGTGCCAAATCCAGCCTACTTCCTGCTTTTGTAAATAGTTTTTTTAAACTTT
TAAGTTCAGGGGTACGTATGTAGGTTTGCTAAAAAGGTAAACTTGTGACATGGGAGTTTGTGTCCAGAA
TATTCCATCACCCAGGTATTAAGCTTAGTACCCATTAGTTACTTTTCCTGAAGCTCTCCCTCCTCCCACC
CTCTGGGAGGCCCCAGTGTCTGTTGTTCCCCTCTATGTGCTCATGCAAAGTTTTATTAGGACACAGCCAC
ACACATTC

Reverse primer

(B) Region 2

Primer 69 binding sequence: 571bp

Forward primer  **TGGCCTCCAAGAACTCTTTT** TTCCTCCATCATCATGGTTCTATTTTAGTCCTGCTGCCTTTCCTTTTAAC
CTCTCCCCAGGCCCATTTGCTCAGGGTTTTTGGTAGAGACCAGAGGAGGGGCAGGGAGGAGATATAGAAG
TTCAACTACCTGCTTCCAGAGGCTGTCCCTAGTATAGAATACTTTAGGGGCTGGCTTTACAAGGCAGTCC
TTGTGGCCTCACTGATGGCTCAATGAAATAAGTTCTTTTTTAAAAAAATTTTATTTATTTCCATAGGTT
ATTGGGGGAACAGGTGGTGTGGTTACATGAGTAAGTTCTTTAGTAGTGATTTGTGAGATTTTGGTGTG
CCCATTACGGAATGGAATAAACAACGAAATAAGTTCTATGATGCACCTACTAGACACCTAATCTGCGCTA
GATGGTGGGGGAATTAAGAGCATGGGCATGATCCTGTGACCGGAAGCCCGCTTACAGTCAGGGTGGAGGA
CAGACCTACTCATGAAACAAACACAGTGACATATAGTGACACAGAAGCAAATGTCAAATATGCTTGCTCC
AGATGCTAAGG

Reverse primer

Table S1. The quantities of reagents used in making the PCR master mix for the amplification of two regions of intron 6 of the *LPL* gene.

Reagents and components	Volume (μ l)
Double Distilled water (ddH ₂ O)	2.5
<i>Applied Biosystems</i> AmpliTaq Gold® <i>Master Mix</i>	10
Forward Primer (0.26 μ m)	1.25
Reverse Primer (0.26 μ m)	1.25
Diluted DNA (10ng/ μ l)	5
Total	25

Table S2. Thermal cycler parameters for the amplification of two regions of intron 6 of the *LPL* gene.

Parameter	Temperature (°C)	Time	Number of cycles
Initial denaturation	94	5 minutes	1
Denaturation	94	30 seconds	35
Annealing	65	30 seconds	
Extension	72	1 minute	
Final extension	72	7 minutes	1
Hold	4	∞	-

Table S3. The quantities of reagents used in making the PCR master mix for the sequencing of two regions of intron 6 of the *LPL* gene.

Reagents and components	Volume (μl)
Double Distilled water (ddH ₂ O)	1.5
BigDye® Terminator v1.1/3.1 Sequencing Buffer (5X)	2
BigDye® Terminator v3.1 Ready Reaction Mix	2
Forward Primer or reverse primer (0.26μm)	2
Diluted DNA (10ng/μl)	2.5
Total	10

Table S4. The thermal cycler parameters for the sequencing of two regions of intron 6 of the *LPL* gene.

Parameter	Temperature (°C)	Time	Number of cycles
Initial denaturation	96	1 minutes	1
Denaturation	96	10 seconds	25
Annealing	50	5 seconds	
Extension	60	1:15 minute	
Hold	4	∞	-