SUPPLEMENTAL TABLE 1

Primer pairs used for PCR amplification of fragments encoding human *PNPLA2* for construction of expression vectors

Name of construct (N-end-His_6/Xpress)	Primer orientation	Primer sequence[a]	PEDF-R amino acids[b]	Molecular mass[c]
PEDF-R	11-F 12-R	5′-*CACC***ATG**TTTCCCCGCGAGAAGACG-3′ 5′-**CT**ACAGCCCCAGGGCCCCGATCACG-3′	1-504	60,719
PEDF-RΔE5b	Mutant 1S Mutant 1A	5′**TCCACCAACATC**GTGCTGCGAGAGATGTGCAAGCAG3′ 5′**CTCTCGCAGCAC**GATGTTGGTGGAGCTGTCCTGCGG3′	1-202, 233-504	57,169
PEDF-R7	11-F R351-R stop	5′-*CACC***ATG**TTTCCCCGCGAGAAGACG-3′ 5′-**CT**AGCGGATGGTGAAGGACAGAGCG-3′	1-351	43,866
PEDF-R6	11-F E306-R stop	5′-*CACC***ATG**TTTCCCCGCGAGAAGACG-3′ 5′-**CT**ACTCATTGAGCCGGGCGGGCAGG-3′	1-306	38,976
PEDF-R4	11-F L232-R stop	5′-*CACC***ATG**TTTCCCCGCGAGAAGACG-3′ 5′-**CT**ACAGGGGATCCGGCGGGAAGAGG-3′	1-232	30,555
PEDFR4ΔE5b	Mutant 2S Mutant 2A	5′**TCCACCAACATC**TAGAAGGGTGGGCGCGCCGACCCAG3′ 5′CCCACCCTT**CTA**GATGTTGGTGGAGCTGTCCTGCGG3′	1-202	27,005
L4	L4-F L4-R	5′-*CACCAT*GGGGGTGCGCTACGTGGATGGT-3′ 5′-**CTA**GTTGGAGAGGGTGGTCAGCAGGT-3′	159-325	24,091

[a]The italicized portion of the primer sequence is complementary to the overhang sequence used for directional cloning on PCR products in pENTR TOPO vectors. The underlined portion of the sequence anneals to the *PNPLA2* gene placed after a His_6/Xpress at their N-terminus. Shown in boldface is the primer sequence that corresponds to the start and stop codons present in a PCR product prepared with that sequence.

[b]The number indicates the amino acid position of the sequence derived from the human *PNPLA2* cDNA in each construct.

[c]Predicted molecular masses of the derived fusion polypeptides determined using the DNA-protein translational tool from ExPASy.