

***LPIN2* primer sequence, amplification size and annealing temperature**

Primer	Primer sequence	Size (bp)	Temp
LIP1F	5'TGGCCCATACTGGTTTATGTT3'	377	60°
LIP1R	5'ATCGGAGATCGCGCAACTA3'		
LIP2F	5'TGAAATCTGGCATAACAAGTGAG3'	374	60°
LIP2R	5'GGACACTCACTCACTTTCTCTTTG3'		
LIP3F	5'TGAAGGAAAGACTCCTTGAACA3'	198	60°
LIP3R	5'TACCAGAGGCCTGAGCACAC3'		
LIP4F	5'CACTGTCGAGTTTGTCATGGA3'	399	60°
LIP4/SF*	5'GAAATCGGGTGGAGATGAAA3	192	60°
LIP4R	5'TGAACTCTAGGTACCCGCACA3'		
LIP5F	5'ATGTCATCGTTCCTGCCTTT3'	201	60°
LIP5R	5'TTAATACATCTCCTTCCTCTTTCAA3'		
LIP6F	5'AGAACTCAAGTGGAAGAAATAATTG3'	414	56°
LIP6R	5'CATGAGGGCACTATCATTTACA3'		
LIP7F	5'CACATTGCCAGCTTAGGAAA3'	470	58°
LIP7R	5'CCATCTAATTTGAGAGTACCTGGA3'		
LIP8F	5'GCAGAGCTGTAAATGAAGAATAACT3	250	58°
LIP8R	5'CATCTTGTTCCTTTTTCCTGAG3'		
LIP9F	5'CCCAGAGAACCATGCAGTAAA3'	382	60°
LIP9R	5'CCTGCACAAGATCCCTAAAGAA3'		
LIP10F	5'AGCCTTCAATTTCTGCAATG3'	292	58°
LIP10R	5'ATGACAAGTTTTATAAGAAGGAACACT3'		

Primer	Primer sequence	Size (bp)	Temp
LIP11F	5'CCCCTCTCTCTTGCTCACTTT3'	244	58°
LIP11R	5'GCTCAAGTAAACTTTGAATAGTACCC3'		
LIP12F	5'GTAGGTGCTGTGTGGCCAGT3'	231	62°
LIP12R	5'CCTGTGCCTGACAAAAAGGT3'		
LIP13F	5'CCTAGAGAGGGCTGCTGATG3'	210	60°
LIP13R	5'GCTAGAGGGCCTGAGTGCTA3'		
LIP14F	5'CCTGCTGCCTCTTCCGTA3'	249	58°
LIP14R	5'TGTGCATCAAATTAACCATTACT3'		
LIP15F	5'AACCATCCTGCCTCTTGTTG3'	343	58°
LIP15R	5'GAGGAACTCCCCACCACAC3'		
LIP16F	5'GTCCCGCCACCAATTAGTTA3'	242	58°
LIP16R	5'AAAGCAAGCTTCCAGCTCAC3'		
LIP17F	5'TCTTTTCCCTTAGCCAGAACA3'	297	59°
LIP17R	5'TCTGACTTCTGTTCCACACA3'		
LIP18F	5'GGGAAAACGACCATTTGAG3'	249	60°
LIP18R	5'GAATTGGGACGTGGCTACAC3'		
LIP19F	5'CTGAATTCTCCTCCCTGGAA3'	218	60°
LIP19R	5'GGTCTGTCTGTCCCCAACTG3'		
LIP20AF	5'CTTGTGCCTTTGACCGATCT3'	556	60°
LIP20AR	5'TGTGCAGTGTTTTGGTCCAC3'		
LIP20BF	5'GCACACATGTTTCCTGCTGT3'	580	62°
LIP20BR	5'CTCAACCGCCTATCTGCATT3'		

Primer	Primer sequence	Size (bp)	Temp
LIP20CF	5'GACAACTCCACGAGCCCTTA3'	596	62°
LIP20CR	5'AGCTCTGGAGCAGCTTATGG3'		
LIP20DF	5'TGGTAGCTCCATTTACTGATGC3'	494	62°
LIP20DR	5'TGAGCCTTCCTAGGTTTTGC3'		
LIP20EF	5'TGGAGAGTTGAAAGTCCCTGA3'	598	
LIP20ER	5'AGCAGACACAGGGACAGAGG3'		
LIP20FF	5'TGGACACATGGGCCTTCTTA3'	577	60°
LIP20FR	5'CTGCATGCTCCAGGTCTACA3'		

\* LIP4/SF together with LIP4R were used for the SSCP experiments for the c.540-541delAT screening in the control population