Supplementary Table S2. PCR conditions used for the amplification of *GBA* exons

	Forward Primer	**Reverse Primer**	**Optimized PCR conditions**	**PCR Fragment size**
Large fragments (PCR 1)				
Exons 1-5	CCTAAAGTTGTCACCCATAC	AGCAGACCTACCCTACAGTTT	94°C-15min 94°C-45sec 58°C-45sec 40 cycles 72°C-3min 72°C-7min 4°C-hold	2972bp
Exons 5-7	GACCTCAAATGATATACCTG	AGTTTGGGAGCCAGTCATTT	94°C-15min 94°C-45sec 61°C-45sec 40 cycles 72°C-3min 72°C-7min 4°C-hold	2049bp
Exons 8-11	TGTGTGCAAGGTCCAGGATCAG	ACCACCTAGAGGGGAAAGTG	94°C-15min 94°C-45sec 62°C-45sec 40 cycles 72°C-3min 72°C-7min 4°C-hold	1682bp
Nested PCR and sequencing primers (PCR 2)				
Exon 1	CCTAAAGTTGTCACCCATAC	CCCTCCATCTGTGCCTTGCTC	94°C-15min 94°C-45sec 55°C-45sec 30 cycles 72°C-3min 72°C-7min	459bp

			4°C-hold	
Exon 2	GAGAGTAGTTGAGGGGTGGA	CAAAGGACTATGAGGCAGAA	94°C-15min 94°C-45sec 54°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	210bp
Exon 3	ATGTGTCCATTCTCCATGTC	GGTGATCACTGACACCATTT	94°C-15min 94°C-45sec 58°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	323bp
Exon 4	GGTGTCAGTGATCACCATGG	ACGAAAAGTTTCAATGGCTCT	94°C-15min 94°C-45sec 54°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	263bp
Exon 5	GCAAGTGATAAGCAGA	AGCAGACCTACCCTACAGTTT	94°C-15min 94°C-45sec 42°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	280bp
Exon 6	CTCTGGGTGCTTCTCTCTTC	ACAGATCAGCATGGCTAAAT	94°C-15min 94°C-45sec 52°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	271bp
Exon 7	AGTGATCCACCTGCCTCGGC	AGTTTGGGAGCCAGTCATTT	94°C-15min 94°C-45sec	423bp

			54°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	
Exon 8	TGTGTGCAAGGTCCAGGATCAG	TTTGCAGGAAGGGAGACTGG	94°C-15min 94°C-45sec 55°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	294bp
Exon 9	CACAGGGCTGACCTACCCAC	GCTCCCTCGTGGTGTAGAGT	94°C-15min 94°C-45sec 59°C-45sec 30 cycles 72°C-3min 72°C-7min 4°C-hold"	362bp
Exon 10 Exon 11	GCCTCTGCAGGAGTT	 ACCACCTAGAGGGGAAAGTG	94°C-15min 94°C-45sec 43°C-45sec 35 cycles 72°C-3min 72°C-7min 4°C-hold	590bp

For PCR amplification of *GBA* we used a total reaction volume of 25µl comprising 0.07 – 0.43 µM of each primer, 75µM of dNTP's (GeneDireX, Taiwan), 1.5mM $MgCl_2$ (Promega, USA), 1 unit of GoTaq DNA polymerase, 1X Green GoTaq Flexi Buffer (Invitrogen, USA) and 200ng of genomic DNA template.