

Table S1. Primer sequences for amplification and sequencing of the candidate genes regions containing the variants.

Subject	Gene	Forward primer (5' → 3')	Reverse primer (5' → 3')	Amplicon size (pb)
23	USP46	TGACTTGAGCCATCCCTCTT	ATGCCAGCTCTTCCTTTTGA	333
	SLITRK4	TGAGACGCCTGTTCAGTTTG	GGTTTTGTGGTCATGCTTCC	346
	FLNA	CGCAGGCTAAGATCGAATGT	TGAACTCTGCTGGCTTGTTG	390
45	KRT2	CCCTTATGCTGGGAGACAGA	GGTGCCATTCTCAACATCCT	394
	MIS18BP1	TAAAGCCCAACAAGGATGGA	GAGCTACACAAGGGCAAGGA	386
	HAAO	TGCAGGGACTTCTACAAGCA	ACAGCTGTGTGTCTGCCATC	369
64	PTCHD1	TGCCTTAATGGGCTATCTGC	GGCCACTACATCGACCTCAT	391
	FLNA	CTGGCCGCTAAGATGTCATT	CCCTTGGTGAGTCCTGAGAA	348
70	ASXL3	AATCAACAGGCTTCCATTGC	CTGTTTGACCTCAGGGCTGT	367
73	LSMEM2	TTGGAACCAAATGTCCCACT	CACTAGGCAAGTGAGCACCA	482