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Supplemental Data

Mutations in *RIPK4* Cause the Autosomal-Recessive Form of Popliteal Pterygium Syndrome

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Table S1. Sequences and Amplification Conditions for the Primers Used for Exon Amplification and Sequence Analysis

Exon	Forward Primer (5'-3')	Reverse Primer (5'-3')	Amplicon Size (bp)	Annealing Temp. (°C)	Annealing Time (s)
Exon 1	ctattcatccgcccgcagtc	cctcgccggcaattggtttc	488	58	60
Exon 2	cgtgatgtgacattgaagtgtg	tcaagctctttcctccaagaag	578	58	60
Exon 3	ctacctggagaggcacagacac	aaactcctgggctcaagtaatc	496	58	60
Exon 4	tgacatctgagctatcaacatgc	ttctgcatgcaaattacacc	395	58	60
Exon 5	gtcgattcaaaaccaggaaac	tgttacacgcctgtttctcac	487	58	60
Exon 6	ggtgaggccttcaaatgattac	catgggacctacattctaattg	469	58	60
Exon 7	aggttatctgattgcttccag	gacataagacggagccaaatg	588	58	60
Exon 8	ttaatcacgaggcacagacaac	agcacaacgaaatgattctgac	1592	58	60
Exon 8	gatgaggaccagtggacagc	gctcgtcgaacaggtaatg	sequencing primers		

Table S2. Sequences and Amplification Conditions for the Primers Used for ARMS Screening of c.362T>A and c.551C>T Mutations

Mutation	Primer	Primer Sequence (5'-3')	Amplicon Size (bp)	Annealing Temp. (°C)	Annealing Time (s)
c.362T>A	Common primer	cagggagcgcgatggagcttttgaagaagccaag	216	58	30
	Mutant allele-specific	aggaagttcatgcccaccgccgtctcgtggatca			
	Wild type allele specific	aggaagttcatgcccaccgccgtctcgtggatct			
c.551C>T	Common primer	acctggagaggcacagacacggctcttag	250	58	45
	Mutant allele-specific	atgcgctctggaggaggtaggc gatga			
	Wild-type allele-specific	atgcgctctggaggaggtaggc gatgg			