

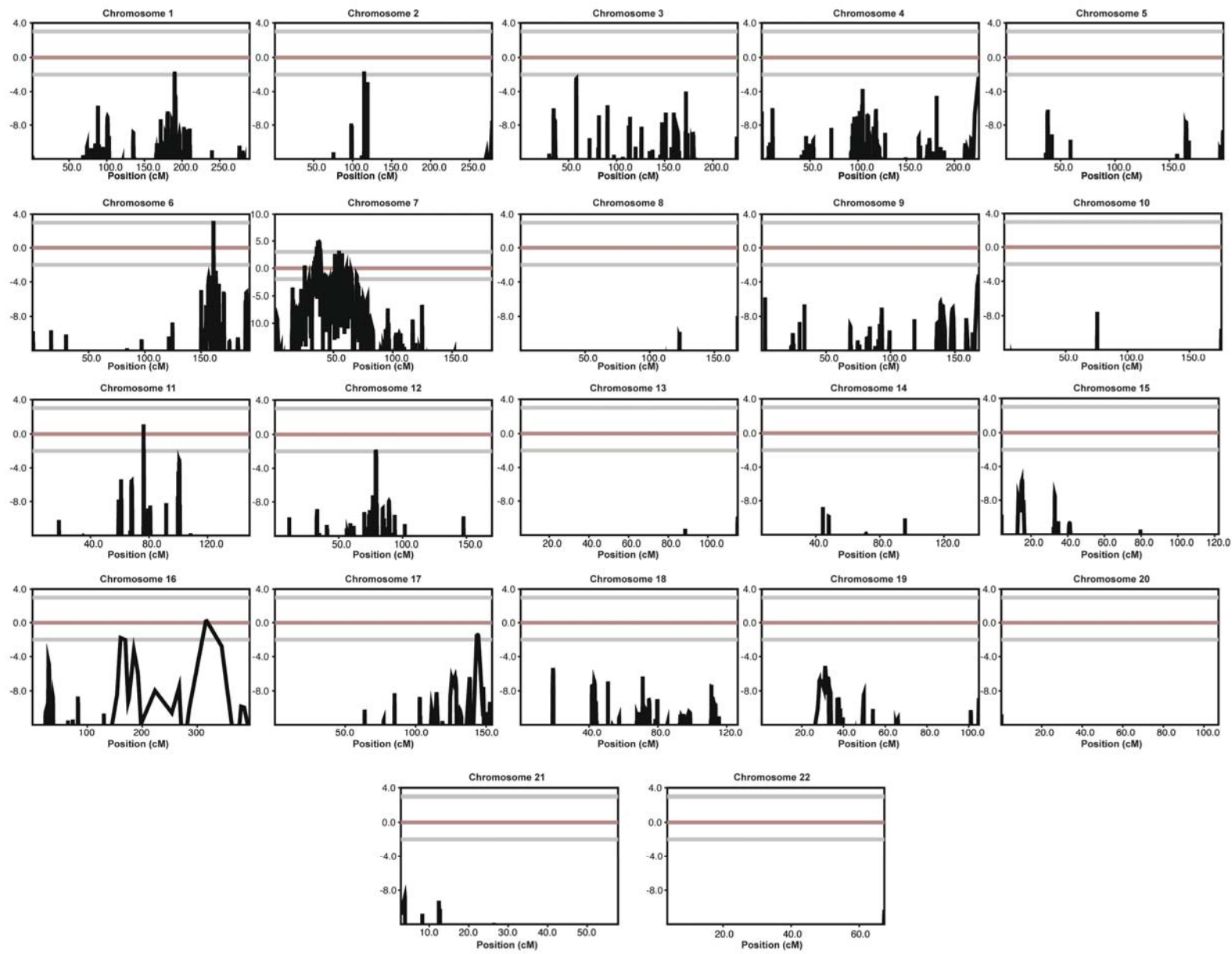
**Supplemental Data**

**Mutations in a BTB-Kelch Protein, KLHL7,**

**Cause Autosomal-Dominant Retinitis Pigmentosa**

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Figure S1. Whole Genomic Scan of adRP Family 72



**Table S1. Primers Used to Screen *KLHL7* Gene**

Exon	Forward Primer	Reverse Primer
1	KLHL7_ex1F 5'-gcagtctcattgctcggaac-3'	KLHL7_ex1R 5'-ggcgaggacagagaaagg-3'
2	KLHL7_ex2F 5'-gcctttgcatttattattgcttt-3'	KLHL7_ex2R 5'-gtcaactgccccacgttcta-3'
3	KLHL7_ex3F 5'-gcattggcaagcaccttt-3'	KLHL7_ex3R 5'-tggccttaagttcttaactgcttt-3'
4	KLHL7_ex4F 5'-ccgtggctcctcagtcaaac-3'	KLHL7_ex4R 5'-caatgctttgcatggttagata-3'
5	KLHL7_ex5F 5'-ggggctattaggatacattcca-3'	KLHL7_ex5R 5'-gcgataacttaaatcagccttt-3'
6	KLHL7_ex6F 5'-gaagtcacgcttcattggaatg-3'	KLHL7_ex6R 5'-tccttgatggtgcca-3'
7	KLHL7_ex7F 5'-gaagaaccagcaagtgccag-3'	KLHL7_ex7R 5'-aaagggtttaagcccatga-3'
8	KLHL7_ex8F 5'-aaggccctattatgtctgggta-3'	KLHL7_ex8R 5'-tcatacatatgtgaaagaacacca-3'
9	KLHL7_ex9F 5'-ttgtaatatgtctcaagccaaaca-3'	KLHL7_ex9R 5'-ttaccaagaaagtatctggacaaa-3'
10	KLHL7_ex10F 5'-ggccgatgaccctaaattc-3'	KLHL7_ex10R 5'-tgttgggtcctctggtctt-3'
11	KLHL7_ex11F 5'-ttaccataatcattgtcaacttt-3'	KLHL7_ex11R 5'-tcaagtatgtaattcccagaaact-3'
12	KLHL7_ex12F 5'-tggtggctatgtggacattc-3'	KLHL7_ex12R 5'-cctcatttcaactgaaactttttt-3'

**Table S2. *Klhl7* and *Hprt* RT-PCR Primers**

Gene	Forward Primer	Reverse Primer
<i>Klhl7</i>	Klhl7_rt-f 5'- atctctcagccaggacacc-3'	Klhl7-rt-r 5' acggcagcgtcataaacct-3'
<i>Hprt</i>	Hprt_rt-f 5'- caaactttgctttccctggt-3'	Hprt_rt-r 5'- caaggcatatccaaacaaca-3'