

Supplemental_Table_S10. Primers for reverse transcription-PCR analysis

BA_ID	Primer sequence (5'-3')	Genomic position (hg19)	cDNA position (hg19)	Product size (bp)
BA1_forward	ATTCGCTTTGTGGTGGAAC	94578622	67	289
BA1_reverse	TCTCTGGTGCATTCATGAGG	94574220	355	
BA4_forward	CGGAGGTCAACAACGAGTCT	chr3: 129251150 #	587	472
BA4_reverse	AGGTGTAGGGGATGGGAGAC	chr3: 129252614 #	*53	
BA7_forward	TCTGAGATCTTGGGGAGGAA	94548959	807	748
BA7_reverse	CTCCAGGTATTGATTGACCAG	94543246	1554	
BA11_forward	CCAACGTGCCCTCTCTAC	94528823	1605	668
BA11_reverse	CCTTGGAGAAGAAGGTGCTG	94522267	2272	
BA11_forward_2	GGATCACAAGGAGCCAGGT	94528217	1853	119
BA11_reverse_2	GATAGGGAACAGCGGTTCA	94526282	1971	
BA12_forward	GCCTATCTGCAGGACATGGT	94528245	1825	788
BA12_reverse	CAAGGAAGTGGGGTTCCATA	94517230	2612	
BA15_forward	TCTTTGAACGTGAGCATCCA	94512643	2750	503
BA15_reverse	AATCACCACTTGGCATCTC	94508393	3252	
BA16_forward	AGATGGAAGCCATGTTGGAG	94508960	3122	440
BA16_reverse	CGTGGTGGAGAAACCTTAG	94505645	3561	
BA17_forward	TGCGCAAGATGAAAAACATC	94506808	3479	357
BA17_reverse	CCTCCGTGACCTTCAGAAAA	94502323	3835	
BA18_forward	GAGCATATGCCAGCCTTTTC	94502792	3722	370
BA18_reverse	TGGAATCTCTTGACCAGCAG	94497371	4091	
BA19_forward	GAAGGTCACGGAGGATTCTG	94502336	3822	495
BA19_reverse	CCTGGCTTATTCAGGAGGAC	94496020	4316	
BA20_forward	TGCAGACGTCCTCCTGAATA	94496046	4290	300
BA20_reverse	ATGTTCTGTCCGTCAGGTC	94490555	4589	
BA21_forward	AAACATCACCCAGCTGTTCC	94495136	4404	258
BA21_reverse	TCATTGACCCAGAATTTGCTC	94488948	4661	
BA22_forward	ACCTGACGGACAGGAACATC	94490573	4571	438
BA22_reverse	CTGAGAGCTGCTCCTTGGTC	94486806	5008	
BA23_forward	GCAAATCTGGGTCAATGAAC	94488966	4643	578

BA23_reverse	CCCAGCACTCACGGAATAAT	94481387	5220	578
BA25_forward	TGAATTATCCGTGAGTGCTG	94481409	5198	517
BA25_reverse	ATTGGGAGAGGAAGAAGTGG	94476357	5713	
BA26_forward	GCGGTCATTCCCATGATGTA	94480242	5317	429
BA26_reverse	AACAATGGGCTCCTTAGTGG	94474397	5745	
BA27_forward	TGAGGAAGCTGCTCATTGTC	94476916	5486	610
BA27_reverse	TGTTCTCGTCCTGTGAGCAG	94471049	6095	
BA29_forward	ATCAGAGAAGGGAGGGCTGT	94466595	6349	378
BA29_reverse	GTCCAGTGTTGTCTGTGTGAC	94463420	6726	
MG30_forward	CGGAGGTCAACAACGAGTCT	chr3: 129251150 #	587	524
MG30_reverse	AGGTGTAGGGGATGGGAGAC	chr3: 129252614 #	*53	
RHO_exon5_forward	ATCTGCTGCGGCAAGAAC	chr3:129252475#	961	140
RHO_exon5_reverse	AGGTGTAGGGGATGGGAGAC	chr3: 129252614 #	*53	

#= Rhodopsin exonic primer; *53= Rhodopsin 3' UTR

Primer _ ID	Primer sequence (5'-3')	Genomic position (hg19)	cDNA position (hg19)	Product size (bp)
ABCA4_exon1_forward	ATGGGCTTCGTGAGACAGAT	94586601	1	455
ABCA4_exon4_forward	TCATGAATGCACCAGAGAGC	94574237	338	
ABCA4_exon7_reverse	ACGGCTGTCTAGGAGTGTGG	94548974	792	