

**Supplemental Table S3: Primer Sequences**

Gene	Species	F/R	Primer Sequence	Amplicon Size (bp)	Notes
<i>Rho</i>	mouse	F	CTTGCAGACCACCACGTAGC	100	
		R	AGGCTGTAATCTCGAGGGCT		
<i>Rlbp1</i>	mouse	F	TGCAAGTGTGAGAGACAGCA	118	
		R	GCCTTTGTCCAGCAGTCAA		
<i>Rpe65</i>	mouse	F	GATCCCTCCACTGAAAGCAG	90	
		R	GATGGCTTGAAACGATCACTG		
<i>Tie2</i>	mouse	F	CCAGGGACTCATGCTCATCT	168	
		R	TTCGGCATCAGACACAAGAG		
<i>C5ar1</i>	mouse	F	GCATCCGTCGCTGGTTAC	65	
		R	TGCTGTTATCTATGGGGTCCA		
<i>Actb</i>	mouse	F	TTCTTTGCAGCTCCTTCGTT	149	
		R	ATGGAGGGGAATACAGCCC		
<i>RHO</i>	human	F	CTTTCCTGATCTGCTGGGTG	107	
		R	GGCAAAGAACGCTGGGATG		
<i>RLBP1</i>	human	F	GCTGCTGGAGAATGAGGAAAC	175	
		R	TGGCTGGTGGATGAAGTGG		
<i>RPE65</i>	human	F	CCTGCTGGTGGTTACAAGAAA	78	
		R	CCTGCCTGTTACATGAGCTGT		
<i>TIE2</i>	human	F	CCCCTATGGGTGTTCCCTGT	89	
		R	GCTTACAATCTGGCCCGTAA		
<i>C5AR1</i>	human	F	GGAGCCCAGGAGACCAGAAC	75	Sequences <sup>1</sup>
		R	TATCCTTGTCATCATAGTGCCCAT		
<i>ACTB</i>	human	F	ACTGGAACGGTGAAGGTGACA	67	
		R	TCGGCCACATTGTGAACTTTG		
<i>Ccl2</i>	mouse	F	TTAAAAACCTGGATCGGAACCAA	121	
		R	GCATTAGCTTCAGATTTACGGGT		
<i>Ccl8</i>	mouse	F	TAAGGCTCCAGTCACCTGCT	255	
		R	TTCCAGCTTTGGCTGTCTCT		
<i>Ccl12</i>	mouse	F	GGGAAGCTGTGATCTTCAGG	177	
		R	GGGAACTTCAGGGGAAATA		
<i>Cxcl1</i>	mouse	F	TCTCCGTTACTTGGGGACAC	101	
		R	CCCACTCAAGAATGGTCGC		
<i>Cxcl10</i>	mouse	F	GACGGTCCGCTGCAACTG	65	
		R	GCTTCCCTATGGCCCTCATT		
<i>Il-1beta</i>	mouse	F	AGGTCAAAGGTTTGGGAAGCA	129	
		R	TGAAGCAGCTATGGCAACTG		
<i>Icam1</i>	mouse	F	CCAGTTATTTGAGAGTGGTACAG	165	
		R	GATGACCTGCAGACGGAA		
<i>Cntn1</i>	mouse	F	CAAGTAGCTAGGGTGGGCTC	139	
		R	AAGACCTGTTCCCCACTCCT		
<i>Col2a1</i>	mouse	F	CCACACCAAATTCCTGTTCA	115	
		R	ACTGGTAAGTGGGGCAAGAC		
<i>Mmp13</i>	mouse	F	AGTGCCTGATGTGGGTGAAT	161	
		R	GTGGTGTACATCAGACCAGA		
<i>Vcan</i>	mouse	F	GAAACGGGAGATGGGCAATGCCT	210	
		R	CTGAAATGATGAGTGAAGCACATGT		
<i>Rplp0</i>	mouse	F	GGACCCGAGAAGACCTCCTT	85	
		R	GCACATCACTCAGAATTTCAATGG		

[1] Cheng LJ, Bu H, Portillo JAC, Li Y, Subauste CS, Huang SS, Kern TS, Lin F: Modulation of Retinal Muller Cells by Complement Receptor C5aR. Investigative ophthalmology & visual science 2013, 54:8191-8.