

Supplemental Table 1: Summary of Inflammatory Process and Autoimmunity Gene Expression Changes in RPE/Choroid Eyecup RNA Isolated from Old *Cfh*^{+/-} Fed an HFC Diet Compared to Age-Matched *Cfh*^{+/-} Fed a Normal Diet

Gene	GenBank ID	Fold Change
Cxcl10	NM_021274	4.56
Ccl8	NM_021443	3.23
Ccl12	NM_011331	2.99
Ccl4	NM_013652	2.60
C4b	NM_009780	2.23
Tnfsf14	NM_019418	2.23
Sele	NM_011345	2.13
Ccl7	NM_013654	2.11
Ltb	NM_008518	2.06
Ccl5	NM_013653	2.00
Ccr3	NM_009914	1.89
Cd40	NM_011611	1.87
Tirap	NM_054096	1.80
Il1b	NM_008361	1.79
Il5	NM_010558	1.67
Tlr9	NM_031178	1.66
Tnf	NM_013693	1.66
Ccl2	NM_011333	1.56
Bcl6	NM_009744	1.52
Ccr1	NM_009912	1.48
Il6ra	NM_010559	1.48
Ccl3	NM_011337	1.44
C3ar1	NM_009779	1.41
C3	NM_009778	1.39
Cxcl1	NM_008176	1.39
Cxcl2	NM_009140	1.30
Tlr3	NM_126166	1.27
Tlr6	NM_011604	1.27
Csf1	NM_007778	1.25
Csf1	NM_007778	1.25
Ptgs2	NM_011198	1.24
Tlr1	NM_030682	1.24
Ccr7	NM_007719	1.22
Ccr2	NM_009915	1.17
Cebpb	NM_009883	1.16
Cxcr1	NM_178241	1.16
Fos	NM_010234	1.16
Il1r1	NM_008362	1.16
Tlr4	NM_021297	1.16
Il7	NM_008371	1.16
Itgb2	NM_008404	1.16
Myd88	NM_010851	1.15
Tlr2	NM_011905	1.15
Cxcr2	NM_009909	1.14
Fasl	NM_010177	1.13
Il1rn	NM_031167	1.13
Tollip	NM_023764	1.13
Nfkb1	NM_008689	1.12

Il23r	NM_144548	1.10
Nr3c1	NM_008173	1.09
Cxcl5	NM_009141	1.07
Ccl17	NM_011332	1.04
Il18	NM_008360	1.04
Il1rap	NM_008364	1.03
Ly96	NM_016923	1.02
Cxcr4	NM_009911	-1.02
Tlr5	NM_016928	-1.06
Il1a	NM_010554	-1.07
Il10rb	NM_008349	-1.09
Ccl19	NM_011888	-1.11
Cd14	NM_009841	-1.13
Ccl25	NM_009138	-1.20
Ripk2	NM_138952	-1.20
Tlr7	NM_133211	-1.21
Cxcl11	NM_019494	-1.22
Ccl11	NM_011330	-1.61
Ccl20	NM_016960	nd
Ccl22	NM_009137	nd
Ccl24	NM_0195577	nd
Ccr4	NM_009916	nd
Cd40lg	NM_011616	nd
Crp	NM_007768	nd
Cxcl3	NM_203320	nd
Cxcl9	NM_008599	nd
Ifng	NM_008337	nd
Il10	NM_010548	nd
Il17a	NM_010552	nd
Il22	NM_016971	nd
Il23a	NM_031252	nd
Il6	NM_031168	nd
Il9	NM_008373	nd
Knlg1	NM_023125	nd
Lta	NM_010735	nd
Nos2	NM_010927	nd

Yellow, red, green and blue represent a gene that is upregulated with a fold change greater than 1.25, unchanged with a fold change between 1.25 and -1.25, downregulated with a fold change greater than -1.25 or not detected (nd), in RPE/choroid eyecup RNA isolated from old *Cfh*^{+/-} fed an HFC diet compared to age-matched *Cfh*^{+/-} fed a normal diet, respectively.