

**Additional file 7**

<b>Gene</b>	<b>MOG-CFA/PTX CP Epithelium D15</b>	<b>CFA/PTX CP Epithelium D15</b>	<b>p value</b>
	<b>Avg % expn. ±sem</b>	<b>Avg % expn. ±sem</b>	
<b>Bcl2</b>	5.33 ± 2.84	1.44 ± 0.35	0.165387
<b>Ccl2</b>	2.49 ± 1.5	0.043 ± 0.004	0.111899
<b>Ccr2</b>	14.64 ± 9.32	0.75 ± 0.19	0.159383
<b>Ccl5</b>	14.34 ± 6.76	0.84 ± 0.27	0.062775
<b>Cd34</b>	8.63 ± 4.01	1.12 ± 0.36	0.076404
<b>Cd86</b>	3.34 ± 1.63	0.18 ± 0.02	0.069187
<b>Csf1</b>	11.07 ± 6.81	0.60 ± 0.11	0.125791
<b>Ece1</b>	2.40 ± 0.64	0.92 ± 0.33	0.056739
<b>Fas</b>	0.55 ± 0.32	0.09 ± 0.01	0.147418
<b>Hmox1</b>	4.05 ± 2.12	1.01 ± 0.16	0.149136
<b>Hprt1</b>	302.55 ± 180.18	25.81 ± 3.99	0.125903
<b>Il15</b>	14.86 ± 7.45	1.29 ± 0.26	0.081535
<b>Il18</b>	3.38 ± 1.35	1.26 ± 0.34	0.128452
<b>Il1b</b>	1.78 ± 1.17	0.08 ± 0.03	0.143367
<b>Nfkb1</b>	50.42 ± 24.19	4.26 ± 1.36	0.07184
<b>Stat4</b>	0.85 ± 0.51	0.06 ± 0.02	0.121514
<b>Tfrc</b>	40.39 ± 21.63	1.12 ± 0.39	0.082216
<b>Vcam1</b>	15.41 ± 6.32	3.52 ± 0.49	0.075254
<b>Vegfa</b>	9.69 ± 5.56	1.24 ± 0.4	0.129943