

Supplemental Table 1: Primer sequences for PCR genotyping and RT-qPCR

No	Gene Symbol	Forward Sequence	Reverse Sequence
PCR Genotyping Primers			
1	<i>Scnn1b</i> (genomic DNA; <i>gDNA</i>)	CTTCCAAGAGTTCAACTACCG	TCTACCAGCTCAGCCACAGTG
2	<i>EGFR</i> (<i>gDNA</i>)	CTGCTACTGGCTCAAGTTTC	CTTTGGAGAACCTGCAGATC
3	<i>CC10-Cre</i> (<i>gDNA</i>)	TCTGATGAAGTCAGGAAGAACC	GAGATGTCCTTCACTCTGATTC
4	<i>CC10-Cre Internal Control</i> (<i>gDNA</i>)	TGCCAGAGATTGTTCTAGAAAACAA	GGCACAATGATGTTAATGACGTAAA
RT-qPCR Primers			
1	<i>Actb</i> (<i>mRNA</i>)	GGCTGTATTCCCCTCCATCG	GGGGTACTTCAGGGTCAGGA
2	<i>Il13</i> (<i>mRNA</i>)	ATCACACAAGACCAGACTCCC	CTCTGGGTCCTGTAGATGGC
3	<i>Cx43</i> (<i>mRNA</i>)	ACAGGTCTGAGAGCCCGAAC	GTCTGGGCACCTCTCTTTCAC
4	<i>Clca1</i> (<i>mRNA</i>)	AAGCAGTGAGGTGTTCAGCA	CAGTCCCGTTACTCTGTGCGAT
5	<i>Slc26a4</i> (<i>mRNA</i>)	GACTGTAAAGACCCTCTTGATCTGA	GGAAGCAAGTCTACGCATGG
6	<i>Retnla</i> (<i>mRNA</i>)	CCTGCTGGGATGACTGCTAC	CAGTGGTCCAGTCAACGAGT
7	<i>Cldn5</i> (<i>mRNA</i>)	GTTAAGGCACGGGTAGCACT	GTACTTCTGTGACACCGGCA
8	<i>Chi3l4</i> (<i>mRNA</i>)	CCACTTTGAACCACATTCCAAGG	GAGAGACTGAGACAGTTCAGGG
9	<i>Ocln</i> (<i>mRNA</i>)	AAGTCAACACCTCTGGTGCC	TACCATTGCTGCTGTACCGA
10	<i>Tjp1</i> (<i>mRNA</i>)	GACGGTGGCGTGAGGAG	CATTGCTGTGCTCTTAGCGG
11	<i>Ctnnb1</i> (<i>mRNA</i>)	GAATGAAGGCGTGGCAACAT	TGGTCAGCTCGACTGAAAGC
12	<i>Cdh1</i> (<i>mRNA</i>)	AACCCAAAGCACGTATCAGGG	GAGTGTGGGGGCATCATCA

Supplemental Table 2: Cytokine in BALF (picograms per milliliter)

Cytokine	Cre ⁻ /WT	Cre ⁺ /WT	Cre ⁻ /Tg ⁺	Cre ⁺ /Tg ⁺	LOD
IL-6	2.49 ± 0.00*	2.49 ± 0.00 ^π	4.02 ± 1.09	18.49 ± 7.13* ^π	2.5
IL-5	0.83 ± 0.32*	1.12 ± 0.50 ^π	77.86 ± 18.50* ^π	40.04 ± 12.35	0.37
RANTES	2.06 ± 0.14	1.62 ± 0.15*	1.16 ± 0.17*	1.30 ± 0.15	0.17
MIP-1 α	8.53 ± 0.86* ^Ψ	10.41 ± 2.74 ^{πΦ}	62.68 ± 11.85 ^{#ΨΦ}	119.2 ± 13.34* ^{π#}	7.68
MIP-1 β	9.69 ± 1.34*	7.65 ± 0.00 ^π	26.01 ± 4.46 [#]	54.34 ± 7.68* ^{π#}	7.66
KC	3.15 ± 0.37*	2.08 ± 0.47 ^π	112.60 ± 29.57 [#]	226.30 ± 42.87* ^{π#}	0.55
IL-4	0.43 ± 0.11* [#]	0.07 ± 0.00 ^{πΨ}	12.69 ± 3.37* ^π	16.44 ± 3.84 ^{#Ψ}	0.08
TNF- α	1.46 ± 0.55*	0.77 ± 0.14 ^π	1.23 ± 0.29 [#]	4.44 ± 0.77* ^{π#}	0.64
MIP-2	50.72 ± 11.50*	27.09 ± 13.07 ^π	305.40 ± 70.28 [#]	894.3 ± 163.3* ^{π#}	14.03
G-CSF	0.22 ± 0.05*	0.39 ± 0.14 ^π	200.1 ± 66.41 [#]	475.2 ± 76.40* ^{π#}	0.18
GM-CSF	8.42 ± 0.64	9.78 ± 1.57	15.35 ± 3.38	16.60 ± 3.69	7.44
IL-10	12.73 ± 6.53* ^π	4.35 ± 1.43	0.99 ± 0.32*	0.45 ± 0.00 ^π	0.46
MCP-1	16.67 ± 4.70	5.10 ± 0.00	18.20 ± 5.42	15.10 ± 5.20	5.11
IL-9	116.5 ± 16.45	86.05 ± 14.84	106.20 ± 14.90	119.8 ± 10.65	23.89
IL-1 α	23.33 ± 8.29	18.19 ± 5.33	7.43 ± 3.05	19.45 ± 5.27	1.73
IFN- λ	3.36 ± 0.96	1.03 ± 0.00	1.27 ± 0.19	2.05 ± 1.01	1.04
IP-10	4.99 ± 0.58*	4.81 ± 0.53 ^π	10.30 ± 1.96* ^π	9.10 ± 1.22	1.68
IL-17	0.84 ± 0.21	0.54 ± 0.25	0.86 ± 0.34	0.88 ± 0.15	0.00

Two values sharing identical designations (* or ^π or [#] or ^Ψ or ^Φ) within a row indicate significant differences. Values that were below the LOD [< out-of-range (OOR)] were assigned value 0.01 unit less than the LOD. n = 7-9 in each group, *p* < 0.05. LOD means lower limit of detection or lowest value obtained in the assay.