

**Table S1.** The sequences of primer pairs are shown.

human primer for	forward	reverse
FLG	CATGGCAGCTATGGTAGTGCAGA	ACCAAACGCACTTGCTTTACAGA
$\beta$ -actin	ATTGCCGACAGGATGCAGA	GAGTACTTGCGCTCAGGAGGA
mouse primer for	forward	reverse
Tarc	AGGTCACCTCAGATGCTGCTC	ACTCTCGGCCTACATTGGTG
Ifn- $\gamma$	CCATCAGCAACAACATAAGCGTCA	CCGAATCAGCAGCGACTCCTT
Il-4	GATCCGGATGGTCCCATTCTA	CTCTGCAGCTCCATGAGAACTA
Il-22	CCATACATCGTCAACCGCACCT	GAAGGCAGGAAGGAGCAGTTCTT
Il-33	TGCAGGAAAGTACAGCATTCAAG	TTGGTCTTCTGTTGGGATCTTCTTA
Tslp	GGCGACAGCATGGTTCTTC	GCTCGAACTTAGCCCCTTTCA
Tbp	ACTCCTATGACCCCTATCACTCCTG	GTTTACAGCCAAGATTACGGTA
mouse primer for	probe	
Il-13	Mm00434204_m1	