### Supplementary Table 1. Cytokine primer sequences.

| Gene  | Primer sequence            |
|-------|---------------------------|
| GAPDH | Sense: 5'- AAC AGC AAC TCC CAC TCT TC -3'  <br>Antisense: 5'- CCT GTT GCT GTA GCC GTA TT -3' |
| IFN-γ | Sense: 5'- ACT GGC AAA AGG ATG GTG AC -3'  <br>Antisense: 5'- GAC CTG TGG GTT GTT GAC CT -3' |
| TNF-α | Sense: 5'- TCT TCT CAT TCC TGC TTG TGG -3'  <br>Antisense: 5'- GGT CTG GGC CAT AGA ACT GA -3' |
| IL-2  | Sense: 5'- CCC AGG ATG CTC ACC TTC AA -3'  <br>Antisense: 5'- CCG CAG AGG TCC AAG TTC AT -3' |
| IL-12 | Sense: 5'- CTG TGC CTT GGT AGC ATC TAT G -3'  <br>Antisense: 5'- GCA GAG TCT CGC CAT TAT GAT TC -3' |
| IL-1α | Sense: 5'- TGA AGT TGA CGG ACC CCA AA -3'  <br>Antisense: 5'- TGA TGT GCT GCT GCC AGA TT -3' |
| IL-6  | Sense: 5'- ATG GAT GCT ACC AAA CTG GAT -3'  <br>Antisense: 5'- TGA AGG ACT CTG GCT TTG TCT -3' |
| IL-4  | Sense: 5'- GAA GAA CAC CAC AGA GAG TGA GC -3'  <br>Antisense: 5'- CTT TCA GTG ATG TGG ACT TGG AC -3' |
| IL-3  | Sense: 5'- ACA ATG GTT CTT GCC AGC TC -3'  <br>Antisense: 5'- GCT GCA ATT CAA CGT TCT GG -3' |
| IL-5  | Sense: 5'- CTC TGT TGA CAA GCA ATG AGA CG -3'  <br>Antisense: 5'- TCT TCA GTA TGT CTA GCC CCT G -3' |
| TGF-β1| Sense: 5'- TGC GCT TGC AGA GAT TAA AA -3'  <br>Antisense: 5'- GCT GAA TCG AAA GCC CTG TA -3' |
| TGF-β2| Sense: 5'- AGC TTC ATG GAC GCC ATA TG -3'  <br>Antisense: 5'- TCA ACA TTT CAC CGG CTT GC -3' |
| IL-17 | Sense: 5'- GCT CCA GAA GGC CCT CAG A -3'  <br>Antisense: 5'- AGC TTT CCC TCC GCA TTG A -3' |
| IL-22 | Sense: 5'- GGC CAG CCT TGC AGA TAA CA -3'  <br>Antisense: 5'- GCT GAT GTG AGA GGA GCT GA -3' |