

Appendix 1 The sequences of all the primers used in Realtime-PCR assay were

shown in this table.

	sequences
Th17-related	
IL-6 (204bp)	5'-TGT TCT CAG GGA GAT CTT GG-3' 5'-TCC AGG TAG AAA CGG AAC TC-3'
TGF- β (104bp)	5'-CAA GGG CTA CCA TGC CAA CT-3' 5'-CCG GGT TGT GTT GGT TGT AGA-3'
IL-23p19 (205bp)	5'-GCA CAC TAG CCT GGA GTG CA-3' 5'-TGT CCG AGT CCA GTA GGT GCT-3'
IL-23 (-12)p40	5'-TGC TCA TGG CTG GTG CAC AG-3' 5'-TCT TGG GTG GGT CCG GTT TG-3'
IL-17 (244bp)	5'-TGG ACT CTG AGC CGC ATT GA-3' 5'-GAC GCA TGG CGG ACA ATA GA-3'
IL-17F (61bp)	5'-GGC TCC TGT GAA ACA ACC AT-3' 5'-TGA TGG CAA ATC CCA ACA T-3'
IL-17R(164bp)	5'-CTT TCC CTC CGC ATT GAC AC-3' 5'-TTT AAC TCC CTT GGC GCA AAA-3'
CD4 (71bp)	5'-TGA CTC TGG ACA GAG GGA TAC TG-3' 5'-GCT GTC GGG CTG AGT CAC-3'
MHC II(102bp)	5'-TGG GAG GAG GGT TTT CTC TT-3' 5'-CTG CCC TCC ACA GAT GAT TT-3'
CD8 (77bp)	5'-CTC AAA GAG CGC CAA GAT G-3' 5'-CAGAGCTGCCCCAGAGAG-3'
MHC I(62bp)	5'-GGC TGC CTG ATC CTC TCA C-3' 5'-TTC CAT GTT GGG GTC AGT G-3'
ROR γ t(136bp)	5'-AGT AGG CCA CAT TAC ACT GCT-3' 5'-GAC CCA CAC CTC ACA AAT TGA-3'
CCR6(64bp)	5'-GCA CGT ATG CGG TCA ACT T-3' 5'-TAC CGG TCC ATG CTG ATA CA-3'
Treg-related	
Foxp3 (71bp)	5'-GTA CAG CCG GAC ACA CTG C-3' 5'-GCT GAC TTC CAA GTC TCG TGT-3'
CXCR5(74bp)	5'-GTT ATC TGG CCA TCG TCC AT-3' 5'-CGA GCA GGT GAT GTG GAT AG-3'
CD25 (74bp)	5'-TAA ATG GAG CCA ACC AAT CC-3' 5'-AGC TTC CAG TGC AAA CAA GG-3'
Neuron-related	
GAP-43(76bp)	5'-CGG AGA CTG CAG AAA GCA G-3' 5'-CGG GCA CTT TCC TTA GGT TT-3'

Thy-1(98bp)	5'-CTG GTC AAG TGT GGT GGC AT-3' 5'-ATG AAG TCC GTG GCT TGG AG-3'
House keeping genes	
LDHA(123bp)	5'-AGC AGG TGG TGG ACA GTG CCT-3' 5'-TGG GAT GCA CCC GCC TAA GGT-3'
Hsp90(71bp)	5'-CAG GCA TCT TGA CGG GAA AGC C-3' 5'-GCG AGT CGG ACT TGG TCC GG-3'
18S(145bp)	5'-GGG ACT TAA TCA ACG CAA GC-3' 5'-GCA ATT ATT CCC CAT GAA CG-3'
Rp113a(125bp)	5'-CCC TCC ACC CTA TGA CAA GA-3' 5'-GGT ACT TCC ACC CGA CCT C-3'
RGD(107bp)	5'-AAA GGA AGC ACC TTC CAC AG-3' 5'-CAA ATG GAC CCC GGT AAA TA-3'
