

## Supplementary Materials

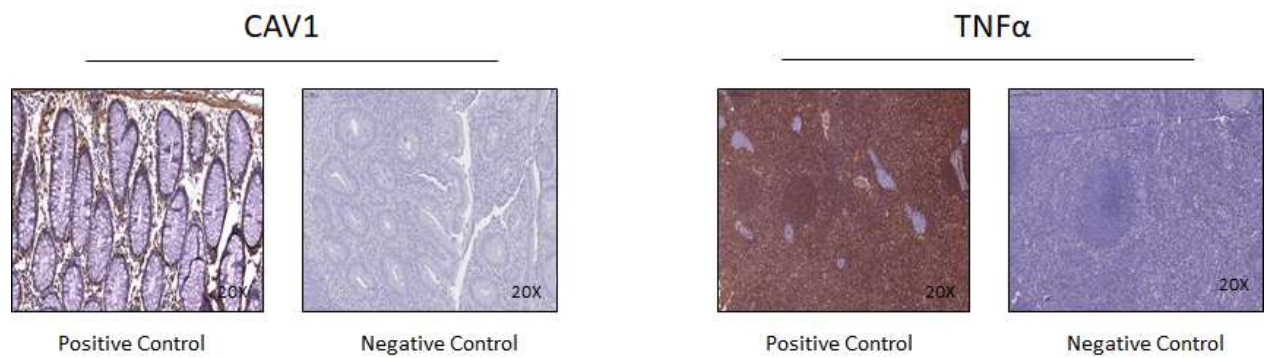


Figure S1: Caveolin-1 (CAV1) and TNF-α antibodies specificity validation using spleen tissues.

Table S1: List of TaqMan Assays used for RT-PCR

| Primer List      | Assay ID      | Primer List    | Assay ID      |
|------------------|---------------|----------------|---------------|
| IL-2             | Hs00174114_m1 | CXCL9          | Hs00171065_m1 |
| IL-5             | Hs01548712_g1 | CXCL10         | Hs01124251_g1 |
| IL-6             | Hs00985639_m1 | CXCL11         | Hs04187682_g1 |
| IL-8             | Hs00174103_m1 | TLR2           | Hs01822448_m1 |
| IL-10            | Hs00961622_m1 | TLR3           | Hs01551078_m1 |
| IL-12A           | Hs01073447_m1 | TLR4           | Hs00152939_m1 |
| IL-13            | Hs00174379_m1 | TLR7           | Hs01933259_s1 |
| IL23A            | Hs00900828_g1 | TLR8           | Hs07292888_s1 |
| IL1RL1           | Hs00545033_m1 | TLR9           | Hs00370913_s1 |
| IL2RA            | Hs00907779_m1 | TLR10          | Hs01935337_s1 |
| CCL2             | Hs00234140_m1 | IRF4           | Hs00180031_m1 |
| CCL3             | Hs04194942_s1 | CD16           | Hs04334165_m1 |
| CCL8             | Hs04187715_m1 | CD68           | Hs02836816_g1 |
| CCL15            | Hs00361122_m1 | CD86           | Hs01567026_m1 |
| CCL18            | Hs00268113_m1 | CD163          | Hs00174705_m1 |
| CCR1             | Hs00928897_s1 | NF- $\kappa$ B | Hs00765730_m1 |
| CCR2             | Hs00704702_s1 | TNF- $\alpha$  | Hs01113624_g1 |
| GAPDH            | Hs03929097_g1 | Caveolin 1     | Hs00971716_m1 |
| Mouse Caveolin-1 | Mm00483057_m1 |                |               |