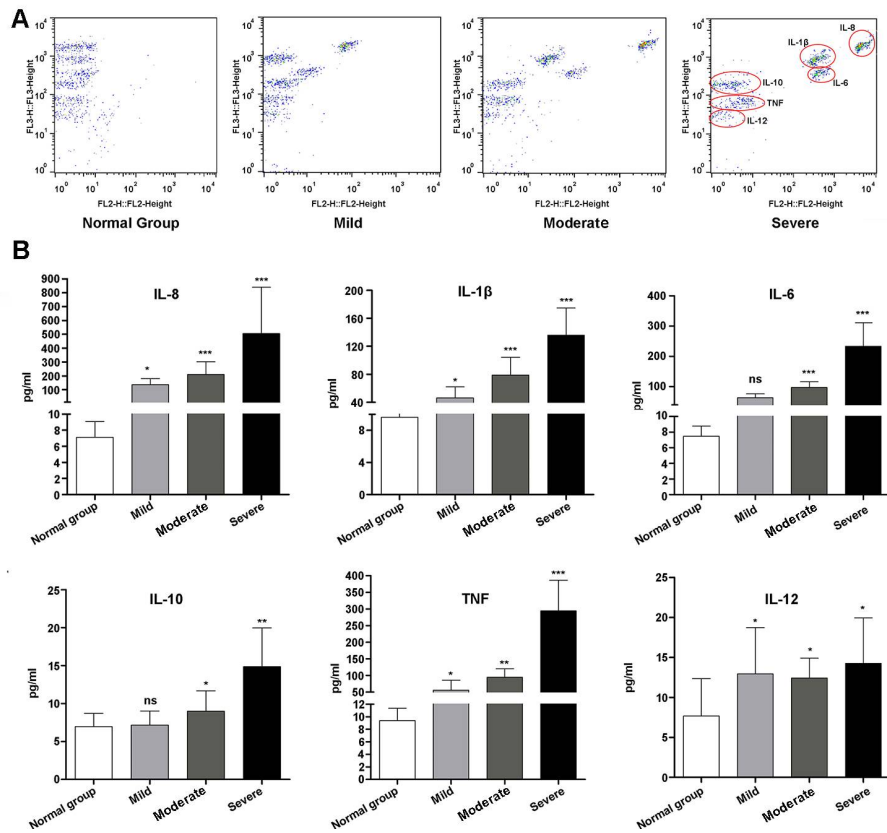


1 **Supplemental information**

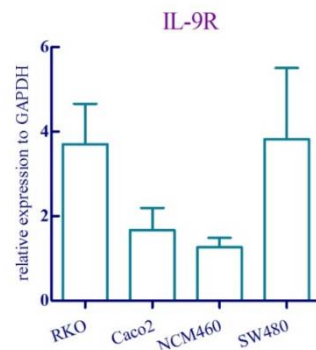
2 **Supplemental figure 1. Expression of human inflammatory cytokines in serum from**
3 **patients with UC.**



4 (A) Expression of IL-8, IL-1β, IL-6, IL-10, TNF and IL-12 in patients with different stages of
5 UC and normal group by cytometric bead array.

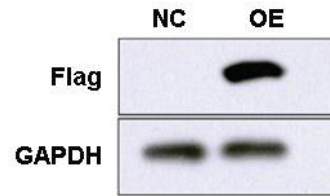
6 (B) The quantitative results of IL-8, IL-1β, IL-6, IL-10, TNF and IL-12. Data are shown as
7 mean values ± SEM (*p<0.05, **p<0.01, ***p<0.001).

8 **Supplemental figure 2. The relative expression of IL-9R in four cell lines**



9 Expression of IL-9R mRNA was measured by q-PCR in four cell lines, RKO, Caco2,
10 NCM460 and SW480.

11 **Supplemental figure 3. Detection of SOCS3 overexpression by Western blot in SW480**
12 **cells.**



13 Expression of SOCS3 protein was measured by western blot in SW480 cell. GAPDH was
14 used as internal control.