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2 **Supplementary Figure 1: The immune-inflammatory disorders in RM and UI.**

3 The changes of the expression level of immune-inflammatory factors in RM (A) (NC:

4 n = 8; RM: n = 21) and UI (B) (NC: n = 92; RM: n = 63). The activity of

5 inflammatory response was evaluated by GSEA in RM (C) and UI (D). (* indicates P

1 < 0.05; ** indicates $P < 0.01$, *** indicates $P < 0.001$, ns indicates no significant

2 difference)

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