

**Additional file 4** Other differences among Clusters. **a**, Distribution of the grades of complement in clusters. Normal values of C3 and C4 were 0.73-1.46 and 0.1-0.4(g/L), respectively. **b**, Distribution of the grades of IgG4-RD CS in clusters. (CS1, range-1.5 to -0.3; CS2, range -0.3 to 0.9; CS3, range 0.9 to 2.1). **c**, IgG4-RD CS was compared between clusters. \*, P value <0.05; \*\*\*, P value <0.001.