

**Supplemental Table S3.** Univariate linear regression of inflammatory factors level and reads of pathogens in sepsis group.

Inflammatory factor	P-value	B (95% CI)	R-square
IL-1 $\beta$	0.070	0.342(-0.031, 0.714)	0.171
Eotaxin	0.019	0.519(0.097, 0.941)	0.259*
IFN- $\alpha$	0.002	2.822(1.209, 4.435)	0.429*
HGF	0.984	0.003(-0.343, 0.349)	0.000
TNF- $\alpha$	0.002	0.958(0.419, 1.496)	0.437*
IL-9	0.077	0.782(-0.095, 1.658)	0.155

Abbreviations: B, standardized linear regression coefficient; IL, interleukin; IFN, interferon; HGF, hepatocyte growth factor; TNF, tumor necrosis factor. \* represents the significance of R value < 0.05.