



Supplementary Fig. S1. LncRNAs expression patterns upon poly(I:C) or LPS stimulation in primary human lymphocytes (A, C, E, G) and monocytes (B, D, F, H).

Primary human lymphocytes (Lympho) and monocytes (Mono) derived from PBMCs of several healthy control subjects (n=3~6) were stimulated with 50µg/ml poly(I:C) or 100 ng/ml LPS for 4 hours or 24 hours. Cells cultured in LPS-free RPMI medium only for 4 hours and 24 hours were used as controls for the respective experiments. The expressions of lncRNAs were measured by real-time PCR. The 4h lymphocyte poly(I:C) stimulation: n=3~5, 4h monocyte poly(I:C) stimulation: n=3~6; 4h lymphocyte LPS stimulation: n=3~5; 4h monocyte LPS stimulation: n=4~6; 24h lymphocyte poly(I:C) stimulation: n=3~6, 24h monocyte poly(I:C) stimulation, n=4~5; 24h lymphocyte LPS stimulation: n=3~5, 24h monocyte LPS stimulation: n=3~5. Bars represent mean ± SEM. The fold of expression of lncRNAs was calculated by $2^{-\Delta\Delta CT} [(CT^{lncRNA} - CT^{GAPDH}) \text{ of poly(I:C) or LPS treated cells} - \Delta CT \text{ of unstimulated cells}]$.