



**Supplementary Fig. S1.** (A) There was no difference in Epstein-Barr virus (EBV) infection between nasopharyngeal carcinoma patients with high and low expression of the palatal, lung, and nasal epithelial clone (PLUNC) gene. (B) Correlation analysis between EBV infection and PLUNC gene expression. (C) Immunohistochemical scoring of programmed death-ligand 1 (PD-L1) in paracancer and individual cancers of 30 nasopharyngeal carcinoma patients. \*\* $p < .01$ . (D) Negative and positive quality control results of immunohistochemical staining.