Supplementary Figure, Legends

Supplementary Figure 1. Doubling time of IL-10-knockdown TL1 cells and IL-10-overexpressing TL4 cells and the error bars represent the S.D. of triplicate results.

Supplementary Figure 2. Kaplan-Meier analysis was used to assess the influence of IL-10 and CIP2A on overall survival in (A) all study population, (B) patients with HPV 16/18 E6 positive tumor, and (C) patients with HPV 16/18 E6 negative tumor.

Supplementary Figure 3. Exogenous IL-10 regulates tumor migration capability of lung cancer cells. (A) The migration capability of TL1 cells were decreased after treated with IL-10 neutralize antibody (MAB2171, R&D Systems). (B) The migration capability of TL4 cells were increased by treating with IL-10 recombinant protein (CYT-500, Prospec). Experiments in this figure were repeated at least three times and similar results were obtained. aIL-10: IL-10 neutralized antibody.

Supplementary Figure 4. The migration and invasion ability of TL1 cells was decreased in IL-10R knock down stable clone. (A) IL-10R expression of TL1 cells with stable IL-10R knock down by shRNA were determined by flow cytometry. (B) IL-10R-knockdown TL1 cells had lower migration and invasion capabilities than control cells.