

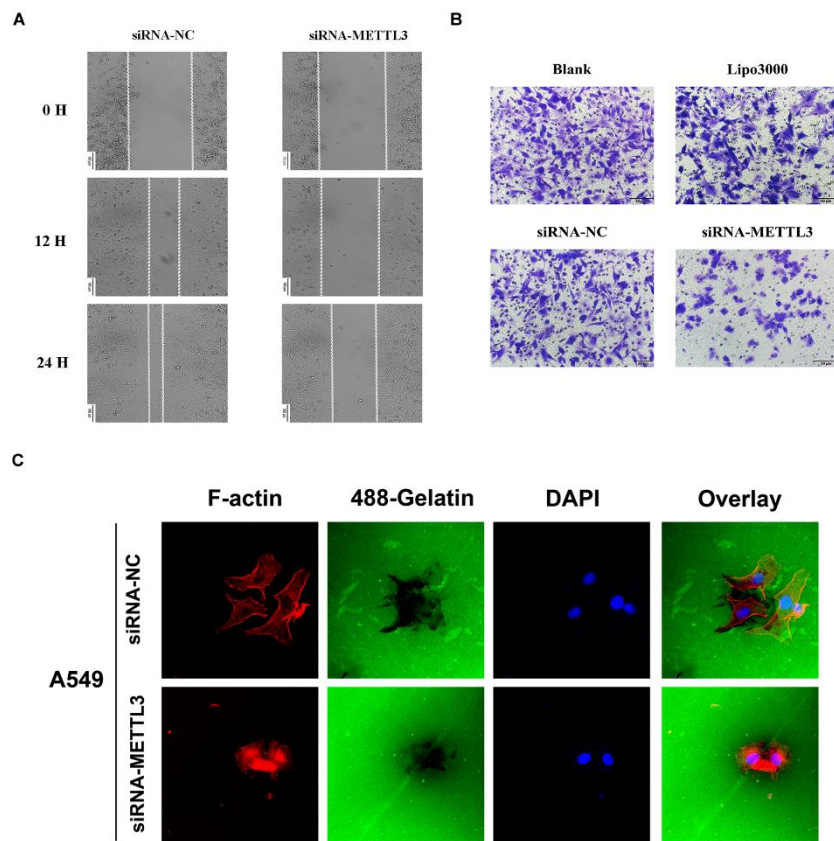


Figure S1. METTL3 promotes migration, invasion and invadopodia formation in NSCLC cells. A. After transfection with siRNA targeting METTL3, the wound healing experiment showed a significant decrease in the migration ability of A549 cells. B. Transwell invasion experiments following transfection with siRNA targeting METTL3 showed a significant decrease in invasion ability of A549 cells. C. In the fluorescence matrix degradation experiment, the depth and extent of extracellular matrix degradation were reduced in A549 cells after transfection with siRNA targeting METTL3.

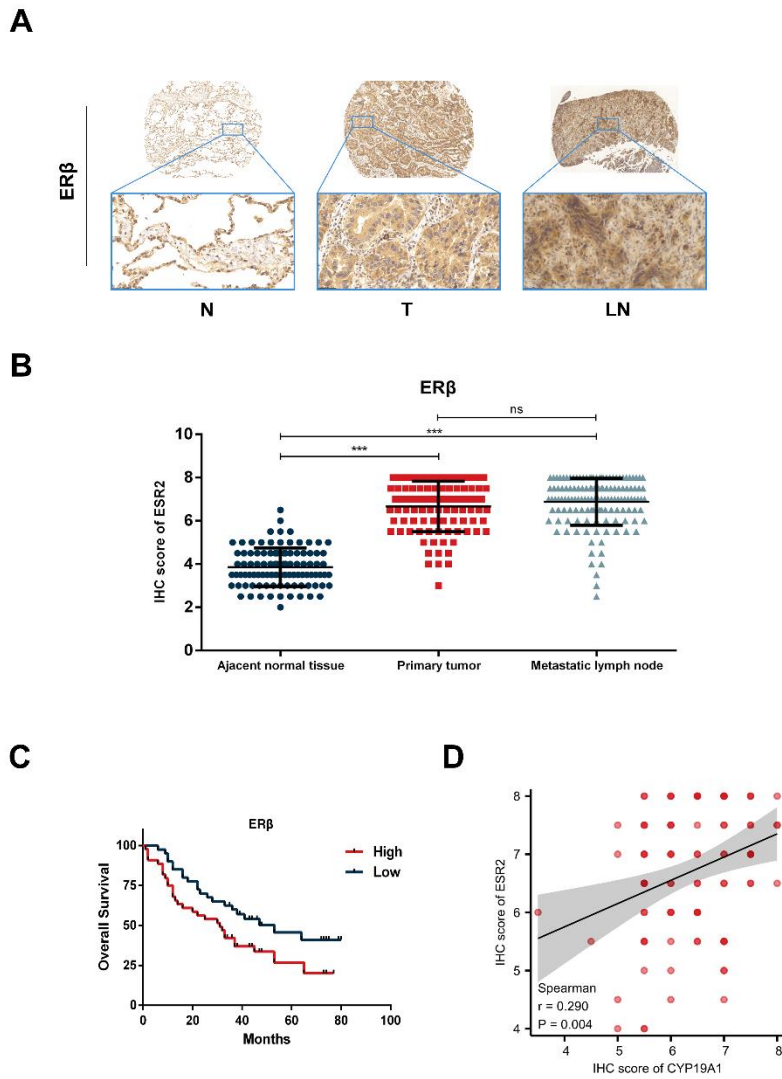


Figure S2. Expression and prognostic value of ER β in NSCLC. A. IHC staining of a tissue microarray from 84 patients indicates high expression of ER β in primary lesions and metastatic lymph nodes of NSCLC. B. Quantification results of IHC staining in tissue microarrays. C. Survival analysis demonstrates the relationship between ER β expression in tissue microarrays and the prognosis of NSCLC patients, with high expression of ER β suggesting poor prognosis. D. The results of IHC analysis indicated that CYP19A1 expression was positively correlated with ER β expression in NSCLC.