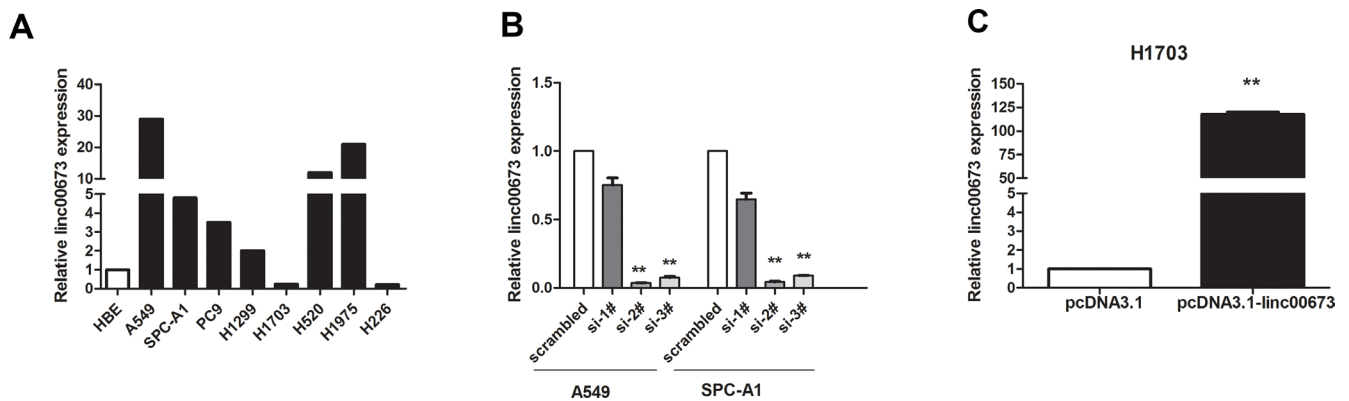
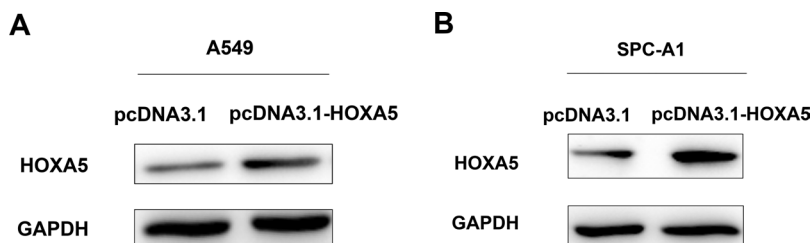


## Long intergenic noncoding RNA 00673 promotes non-small-cell lung cancer metastasis by binding with EZH2 and causing epigenetic silencing of HOXA5

### Supplementary Materials



**Supplementary Figure 1: The expression levels of linc00673 and the optimization of transfection efficiency.** (A) Expression levels of linc00673 in 8 NSCLC cell lines and human bronchial epithelial cell (HBE) assessed on qRT-PCR analysis. (B) A549 and SPC-A1 were transfected with chemically synthesized siRNA-linc00673. (C) H1703 was transfected with pcDNA3.1-linc00673 vector.



**Supplementary Figure 2: The protein level of HOXA5.** (A) A549 was transfected with pcDNA3.1 and pcDNA3.1-HOXA5. (B) SPC-A1 was transfected with pcDNA3.1 and pcDNA3.1-HOXA5.

**Supplementary Table 1: primers for qRT-PCR**

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linc00673	F	TACCACACCCTTTCTTGCCC
	R	ACACTGGCCTCTTTACACGG
HOXA5	F	ATGCGCAAGCTGCACATAAG
	R	CGGGTCAGGTAACGGTTGAA
GAPDH	F	GGGAGCCAAAAGGGTCAT
	R	GAGTCCTTCCACGATACCAA
primers of HOXA5 promotor regions		
P219	F	AAACCTCACACACAGCCAATACC
	R	ACACTAGCACAGGAGCCCCAGAC
P889	F	ATTTGTGATTTACTTGAGTCTTT
	R	GGCGGGTTACTGGGGTCTTGCTT
F3	F	TTGGAGAAACACTACACAAAAGC
F4	R	TTGGAGAAATAAATCCTGCCCGC

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