

Table S1. Primer sequences for producing partial fragments of HOXA9.

Gene	Primer sequences	Annealing temperature	Size of amplicon (bp)
HOXA9-N motif	Forward: 5'-AAA GAA TTC ATG GCC ACC ACT GGG GCC-3'	60°C	335
	Reverse: 5'-AAA GCG GCC GC TCA GTC CGG CGC CGC CGC CGC-3'		
HOXA9-M motif	Forward: 5'-AAA GAA TTC ATG GTG CAC CCC CAG GCG CCC-3'	60°C	335
	Reverse: 5'-AAA GCG GCC GC TCA ATT GGG ATC GAT GGG GGG-3'		
HOXA9-C motif	Forward: 5'-AAA GAA TTC ATG AAT GAG AGC GGC GGA GAC-3'	60°C	289
	Reverse: 5'-AAA GCG GCC GC TCA CTC GTC TTT TGC TCG GTC-3'		

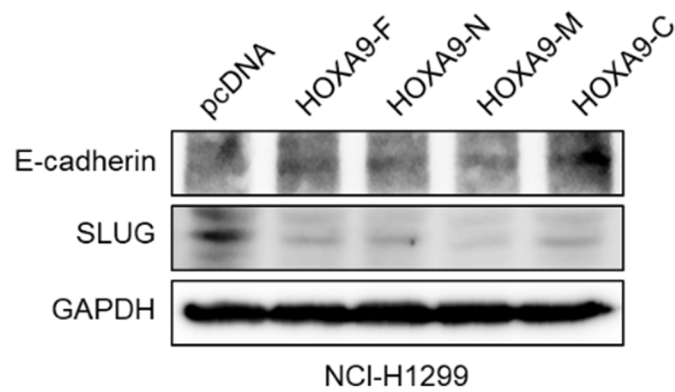


Figure S1. The effect of HOXA9 full-length or partial fragments on change of E-cadherin and SLUG protein expression in NCI-H1299 cells. The expression was analyzed by western blotting.

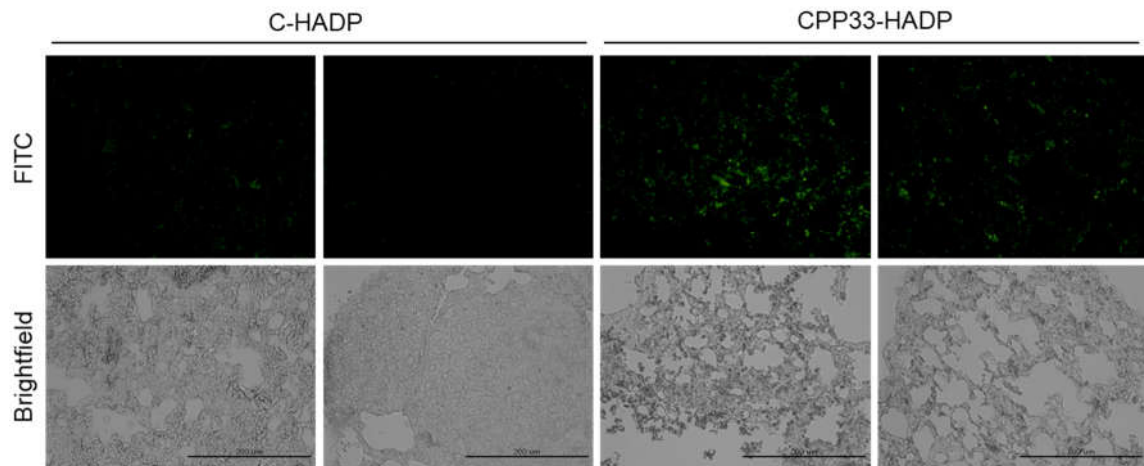


Figure S2. Visualization of cell penetrating peptides using fluorescence microscopy in C-HADP or CPP33-HADP treated xenograft lung tissues. All images are shown at 20X magnification.