

Article

LncRNA SNHG6 Upregulates KPNA5 to Overcome Gemcitabine Resistance in Pancreatic Cancer via Sponging miR-944

Supplementary Figure

A

	Predicted consequential pairing of target region (top) and miRNA (bottom)	Site type	Context++ score	Context++ score percentile	Weighted context++ score	Conserved branch length	P _{CT}
Position 249-255 of KPNA5 3' UTR	5' ...UUGUAUCUAUUGGAAUAAUUG... hsa-miR-944 3' GAGUAGGCUACAUGUUAUAAA	7mer-m8	-0.02	56	-0.02	0.057	N/A

B

Binding Site of hsa-miR-944 on KPNA5:

BindingSite	Class	Alignment	AgoExpNum	CleaveExpNum
chr6:117053839-117053867[+]	6mer	Target: 5' agCAGUAAACCUAUUGAUAAUUG 3' miRNA : 3' gaGUAGGCUACAUGUUAUAAA 5'	12	0

C

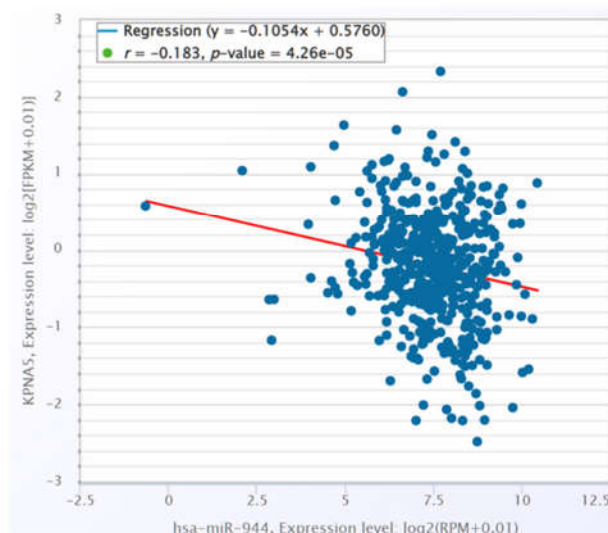


Figure S1. The interactive relationship between miR-944 and KPNA5. (A) Binding sites of miR-944 and lncRNA SNHG6, predicted by TargetScan. (B) Binding sites of miR-944 and lncRNA SNHG6, predicted by ENCORI, AgoExpNum, experimentally verified binding sites of KPNA5 to Ago proteins. (C) The correlation between expression of miR-944 and KPNA5, analyzed with ENCORI in pan-Cancer across 32 types of human cancers.