

**Table S1.** Pearson correlation coefficients (*r*) between indicated molecules in HCC tissues (data from Encori, TCGA).

	<i>r</i>	<i>p</i> -Value
SP-AS/125a	0.498	$1.56 \times 10^{-24}$
SP-AS/Lin28b	0.174	$7.36 \times 10^{-4}$
SP-AS/MMP11	0.358	$9.36 \times 10^{-13}$
SP-AS/SIRT7	0.240	$2.72 \times 10^{-6}$
SP-AS/Zbtb7a	0.204	$7.29 \times 10^{-5}$