

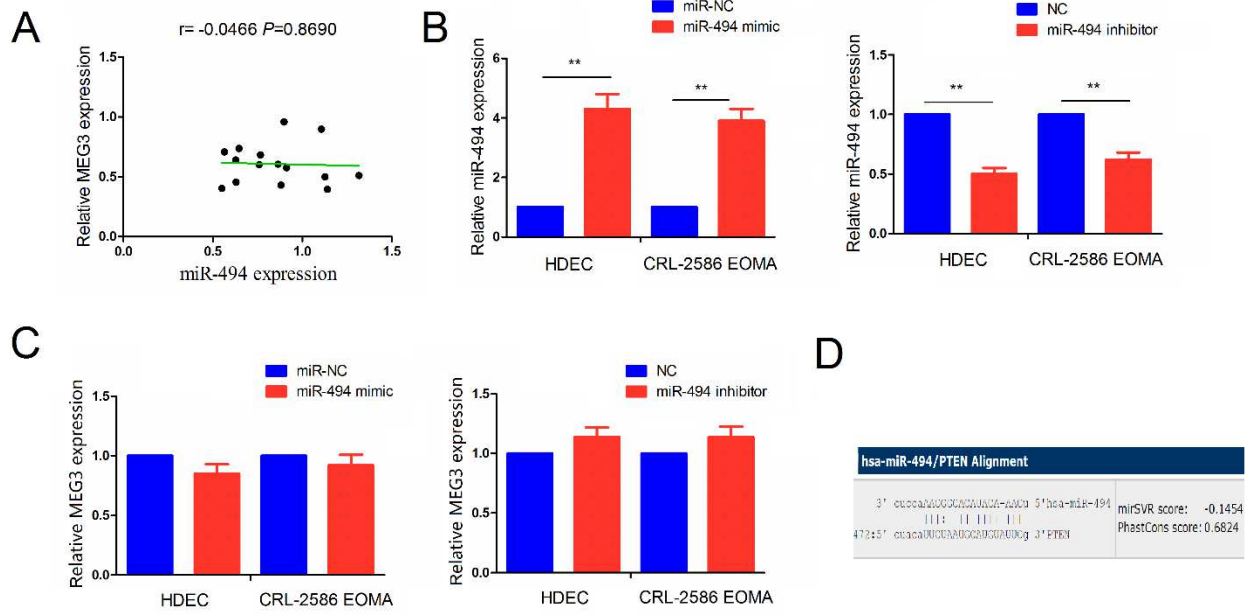
## Supplementary Material

# **lncRNA MEG3 Suppresses the Tumorigenesis of Hemangioma by Sponging miR-494 and Regulating PTEN/PI3K/AKT Pathway**

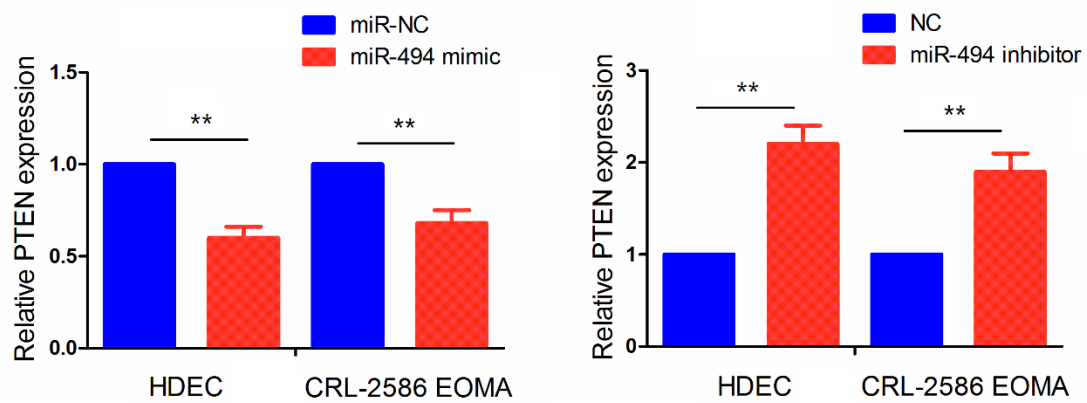
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Supplementary Fig. 1



Supplementary Fig. 2

Supplementary Fig. 1 The correlation of miR-494 with MEG3 or PTEN in HAs samples. (A) Spearman correlation analysis of the correlation of lncRNA MEG3 with miR-494 expression in involuting phase HAs. (B, C) qRT-PCR analysis of the expression levels of miR-494 and lncRNA MEG3 after transfection with miR-494 mimic or inhibitor in HDEC and CRL-2586 EOMA cells. (D) Schematic representation of the binding sites of wt or Mut 3'UTR of PTEN with miR-494. Data are the means  $\pm$  SEM of three experiments. \*\*P<0.01.

Supplementary Fig. 2 The effects of miR-494 mimic or inhibitor on the mRNA expression of PTEN in HAs cells indicated by qRT-PCR analysis.

Table S1 Identification of miRNAs sponged by lncRNA MEG3

No.	miRNAs	mirSVR score	PhastCons score
1	hsa-miR-494	-0.2893	0.5835
2	hsa-let-7b	-0.1899	0.5835
3	hsa-let-7f	-0.1899	0.5835
4	hsa-let-7g	-0.1899	0.5835
5	hsa-let-7i	-0.1899	0.5835
6	hsa-let-7a	-0.1882	0.5835
7	hsa-let-7c	-0.1882	0.5835
8	hsa-let-7e	-0.1882	0.5835
9	hsa-miR-98	-0.1882	0.5835
10	hsa-let-7d	-0.1864	0.5835
11	hsa-miR-499-5p	-0.1178	0.5835
12	hsa-miR-208b	0.1155	0.5835
13	hsa-miR-208a	-0.1143	0.5835
14	hsa-miR-421	-0.1109	0.5677