

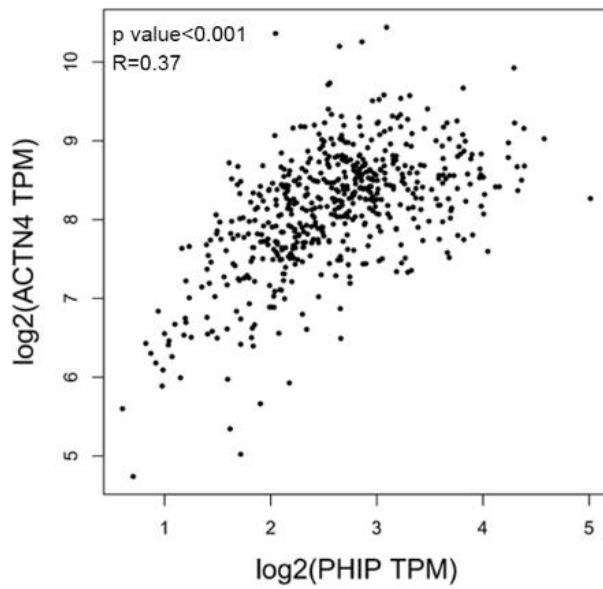
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## Supplemental Information

**circPHIP promotes oral squamous cell carcinoma  
progression by sponging miR-142-5p  
and regulating PHIP and ACTN4 expression**

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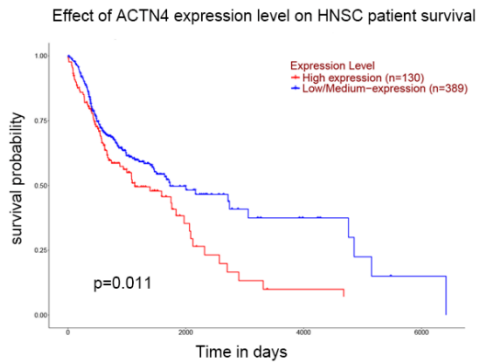
## Supplementary Figure 1



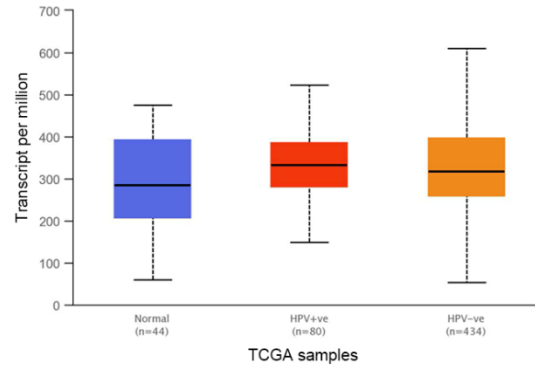
**Supplementary Figure 1** Bioinformatics analysis of the correlation between PHIP and ACTN4 expression in head and neck tumors.

## Supplementary Figure 2

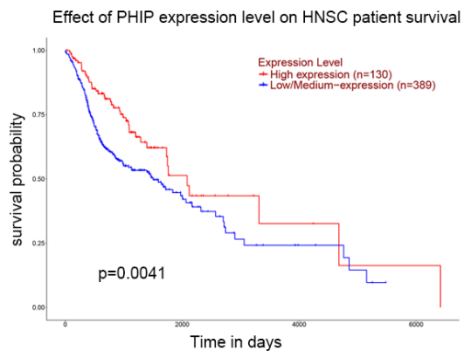
a



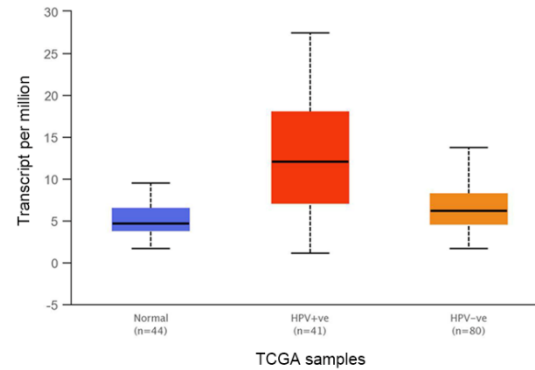
Expression of ACTN4 in HNSC based on HPV status



b



Expression of PHIP in HNSC based on HPV status



**Supplementary Figure 2 a, b** TCGA database analysis of the relationship between ACTN4 (a) or PHIP (b) expression and patient prognosis and HPV infection.

Supplementary Table 1 Correlation between clinicopathological features of patients with OSCC and circPHIP expression.

Parameter	No. of patients	Mean $\pm$ SEM	P value
<b>Gender</b>			
Male	38	11.38 $\pm$ 0.3444	0.8716
Female	24	11.30 $\pm$ 0.3132	
<b>Age (yr)</b>			
<60	25	11.66 $\pm$ 0.3292	0.3008
$\geq$ 60	37	11.14 $\pm$ 0.3379	
<b>Tumor size (cm)</b>			
<5	52	11.35 $\pm$ 0.2633	0.9881
$\geq$ 5	10	11.34 $\pm$ 0.6427	
<b>Differentiation grade</b>			
Well-moderate	40	11.60 $\pm$ 0.3184	0.1657
Poor-undifferentiated	22	10.89 $\pm$ 0.3476	
<b>Lymph node status</b>			
Negative	29	10.73 $\pm$ 0.3649	0.0149*
Positive	33	11.89 $\pm$ 0.2951	
<b>TNM stage</b>			
I-II	36	10.74 $\pm$ 0.3108	0.0023**
III-IV	26	12.19 $\pm$ 0.3218	
<b>HPV stage</b>			
Negative	48	10.98 $\pm$ 0.2669	0.0037**
Positive	14	12.62 $\pm$ 0.4139	