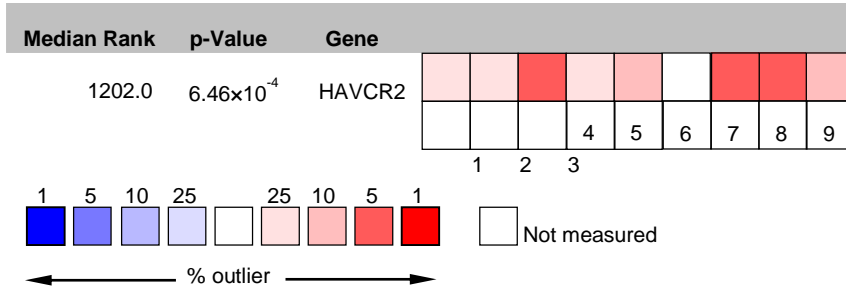


Supplementary Materials

A

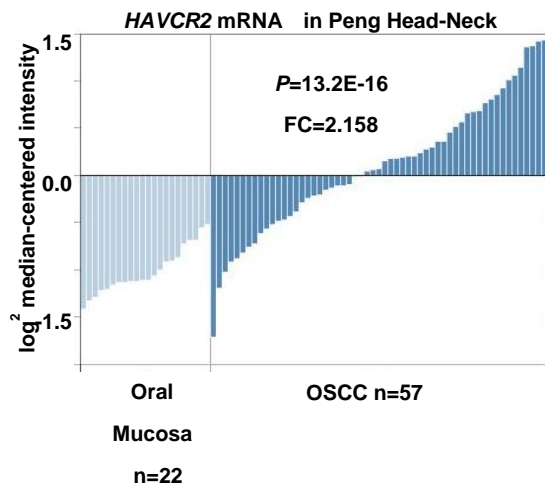
Comparison of *HAVCR2* across 9 Analyses



Legend

- | | |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1. Head and Neck Cancer vs. Normal
<i>Barretina CellLine 2, Nature, 2012</i> | 6. Tongue Carcinoma vs. Normal
<i>Pyeon Multi-cancer, Cancer Res, 2007</i> |
| 2. Head and Neck Cancer vs. Normal
<i>Beroukhim Multi-cancer, Nature, 2010</i> | 7. Head and Neck Squamous Cell Carcinoma vs. Normal
<i>Rickman Head-Neck, Oncogene, 2008</i> |
| 3. Oral Cavity Squamous Cell Carcinoma vs. Normal
<i>Peng Head-Neck, PLOS One, 2011</i> | 8. Head and Neck Squamous Cell Carcinoma vs. Normal
<i>Slebos Head-Neck, Clin Cancer Res, 2006</i> |
| 4. Floor of the Mouth Carcinoma vs. Normal
<i>Pyeon Multi-cancer, Cancer Res, 2007</i> | 9. Head and Neck Cancer vs. Normal
<i>Wooster CellLine 2, Not Published, 2008</i> |
| 5. Oropharyngeal Carcinoma vs. Normal
<i>Pyeon Multi-cancer, Cancer Res, 2007</i> | |

B



Supplementary Fig. 1 *HAVCR2* (encoding TIM3) is over-expressed in human HNSCC.

(A) meta-analysis of gene expression profiling for *HAVCR2* in human HNSCC. The colored squares indicated the median rank for *HAVCR2* across each analysis. Data

retrieve from Oncomine database. (B) Significant increase of *HAVCR2* from Peng's dataset.

Supplementary Table 1. Clinicopathological statistics of HNSCC used in this study.

Parameters	No.
Normal Mucosa(Muc)	27
Dysplasia(Dys)	43
Primary HNSCC(PH)	122
Grade	
I	35
II	65
III	22
Lymph node metastasis(negative)	78
Lymph node metastasis(positive)	44
Recurrent HNSCC(RH)	8
HNSCC with pre-radiotherapy (RT)	12
HNSCC with pre-chemotherapy(TPF)	11