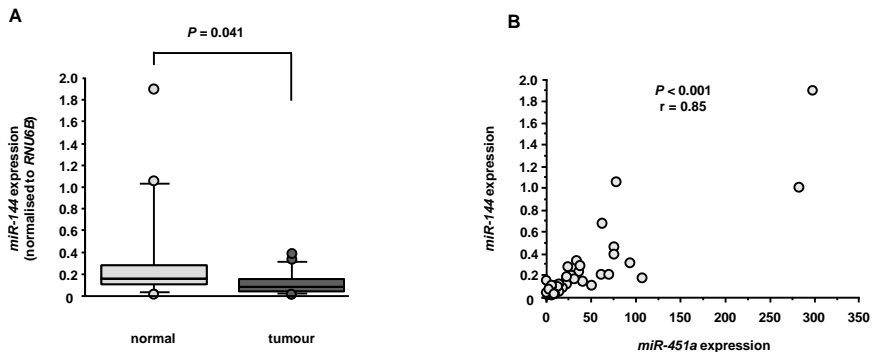
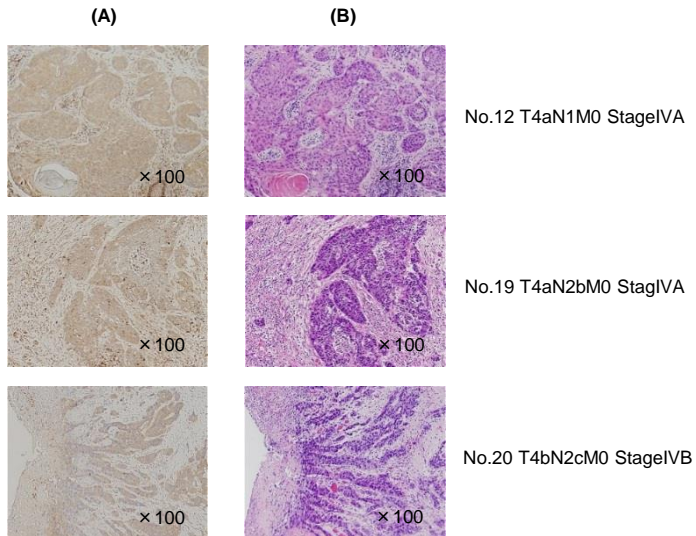


Supplemental Figure 1



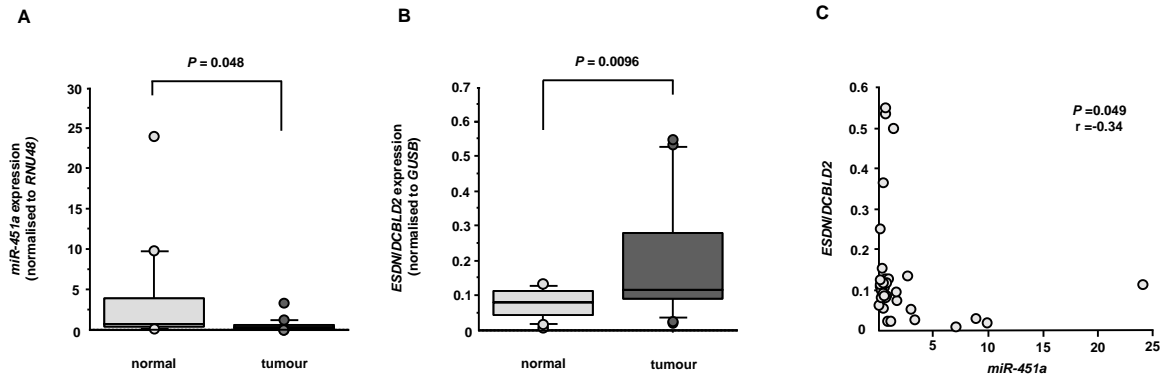
Supplemental Figure 1. (A) Expression levels of *miR-144* in HSCC clinical specimens. (B) Correlation between the relative expression levels of *miR-451a* (x-axis) and that of *miR-144* (y-axis). Levels are plotted as a scatterplot.

Supplemental Figure 2



Supplemental Figure 2. Immunohistochemistry of ESDN/DCBLD2 in clinical HSCC specimens.(A)Typical Immunohistochemical staining of ESDN/DCBLD2 (B)Hematoxylin and Eosin staining of the tumour tissues.

Supplemental Figure 3



Supplemental Figure 3. (A),(B) Expression levels of *miR-451a*(A) and *ESDN/DCBLD2*(B) in HNSCC clinical specimens. (C) Correlation between the relative expression levels of *miR-451a* (x-axis) and that of *ESDN/DCBLD2* (y-axis). Levels are plotted as a scatterplot.

Supplemental Figure 4

Clinical features of 17 patients with HNSCC in Supplemental Figure 3

No	Location	Age	Sex	T	N	M	Stage	Differentiaion
1	Tongue	68	Male	2	0	0	II	well
2	Tongue	66	Male	2	1	0	III	moderate
3	Tongue	76	Female	1	0	0	I	well
4	Tongue	69	Male	1	0	0	I	well
5	Tongue	76	Female	1	0	0	I	well
6	Tongue	67	Male	4a	2c	0	IVA	moderate
7	Tongue	36	Female	3	1	0	III	moderate
8	Tongue	64	Male	1	0	0	I	well
9	Oropharynx	67	Male	3	2c	0	IVA	poor
10	Oropharynx	52	Male	3	2a	0	IVA	moderate
11	Oropharynx	76	Male	2	0	0	II	poor
12	Oropharynx	55	Male	4a	2c	0	IVA	moderate
13	Oropharynx	74	Male	2	0	0	II	well
14	Larynx	63	Male	3	0	0	III	moderate
15	Larynx	69	Male	3	0	0	III	well
16	Larynx	59	Male	4a	0	0	IVA	well
17	Larynx	66	Male	4a	0	0	IVA	moderate

HNSCC: head and neck squamous cell carcinoma