

Supplementary Tables**Supplementary Table 1.** A total of 154 DEGs were found in OTSCC tissues compared with the normal mucosa samples.

A, Up-regulated		
Gene symbol	Log2 FC	p-value
SERPINB4	3.66	2.23E-04
TGFBI	3.41	4.48E-04
ISG15	3.36	7.67E-07
POSTN	3.19	1.52E-04
CDH3	2.70	3.93E-11
CDKN3	2.48	3.01E-07
UBE2C	2.46	1.84E-07
PTGS2	2.39	4.23E-04
PTPRZ1	2.34	3.31E-06
CD44	2.27	2.86E-09
IFI6	2.24	1.26E-07
CTSC	2.13	1.10E-09
BAK1	1.97	1.01E-08
OASL	1.93	6.24E-05
S100A2	1.91	1.00E-14
HIF1A	1.90	5.99E-09
TNFSF10	1.85	3.87E-08
EPHB2	1.85	3.28E-07
HIST2H2AA	1.79	8.26E-08
CRABP2	1.77	4.75E-06
RIN2	1.75	9.41E-05
CCNB1	1.75	1.21E-05
RUNX3	1.74	1.09E-07
CASP4	1.73	4.69E-08
ENO1	1.72	1.11E-10
CDC25B	1.71	1.14E-07
YWHAZ	1.69	7.19E-12
CDA	1.68	3.97E-04
PLAUR	1.66	1.09E-05
IL1B	1.64	4.13E-04
LTBP1	1.62	2.80E-04
PCNA	1.59	1.03E-08
ITPR3	1.58	4.38E-06
JUP	1.58	1.19E-05
IGFBP2	1.57	6.13E-04
TWF1	1.53	1.28E-07
BCR	1.52	1.64E-07
LYN	1.49	2.21E-04

IFI16	1.48	2.25E-11
MYBL2	1.47	1.35E-05
CCL5	1.43	5.76E-04
NME1	1.43	5.83E-12
EIF4A1	1.38	1.01E-09
SLC39A6	1.38	2.78E-07
TGFA	1.36	5.13E-06
PRKDC	1.33	3.03E-07
B2M	1.33	8.71E-08
PTPN12	1.32	1.17E-07
IFNGR1	1.29	1.99E-07
VDR	1.28	2.50E-07
UBE2L3	1.28	2.75E-05
PSMB2	1.26	5.64E-10
Tubulin Beta Chain	1.25	9.74E-08
EXT1	1.24	6.94E-07
RRAS	1.24	8.28E-04
TOP1	1.23	2.60E-05
TOP2A	1.23	1.54E-06
SLC20A1	1.21	5.00E-06
TRIM29	1.20	9.42E-04
RAC1	1.19	1.30E-06
EIF2S1	1.15	9.84E-06
GSK3B	1.14	1.06E-06
CDK1	1.12	8.02E-06
ERF	1.11	1.31E-06
IER3	1.11	5.47E-04
YWHAH	1.10	1.47E-07
PSME2	1.09	1.05E-05
RFC4	1.08	5.08E-08
PTPRK	1.07	5.92E-07
MBOAT7	1.05	2.33E-06
IRAK1	1.04	3.37E-08
DDX39A	1.03	2.14E-07
CDKN1A	1.00	2.61E-05
REL	0.99	3.21E-07
RAB1A	0.98	3.13E-07
CDK7	0.98	5.85E-04
CDK4	0.98	4.94E-06
DNAJA1	0.97	1.28E-05
TCEA1	0.96	6.99E-05
NOP2	0.96	1.02E-05
HRAS	0.96	1.78E-05

TFDP1	0.95	1.71E-04
POLR2H	0.94	3.75E-09
TYMS	0.94	3.91E-04
PSMA4	0.94	1.12E-07
LTBR	0.93	5.41E-05
PSMB3	0.93	1.66E-07
DTYMK	0.93	3.12E-05
HMGN1	0.92	2.78E-06
NME2	0.91	3.08E-08
ARPC2	0.90	2.31E-10
AMD1	0.90	7.09E-05
RIN1	0.87	5.25E-04
TCEB1	0.86	2.63E-05
PSMD11	0.85	5.30E-04
IQGAP1	0.84	3.74E-05
ITGB5	0.83	2.21E-05
PRKCI	0.82	1.57E-05
MAP3K5	0.81	1.16E-05
MMP14	0.81	3.16E-04
tb protein	0.80	2.57E-04
PSMA3	0.80	2.95E-04
PSMB7	0.79	1.04E-04
NEDD8	0.79	2.19E-05
SRPK1	0.78	6.67E-04
BAX	0.76	1.44E-04
EPHB4	0.76	5.29E-05
PTPRA	0.76	5.48E-04
TCF3	0.76	2.52E-04
YES1	0.75	1.06E-04
CCNA2	0.74	1.02E-04
PSMB1	0.72	1.64E-05
POLD2	0.72	1.36E-04
NFKBIA	0.71	1.41E-04
TGFB1	0.70	3.06E-05
PSMD9	0.70	2.09E-04
MYCBP	0.69	3.38E-06
POLA2	0.67	5.44E-05
TRADD	0.67	1.13E-04
RPS6KA1	0.66	1.76E-05
TNFRSF1A	0.66	3.78E-05
STIP1	0.64	1.55E-04
EIF3I	0.64	1.11E-04
RHOC	0.63	3.04E-05

PSMB4	0.62	1.04E-04
EFNB1	0.61	5.81E-04
APEX1	0.61	8.97E-04
ELL2	0.60	7.79E-04
RCC1	0.59	4.53E-04
GALNT2	0.59	5.34E-04
TRA2B	0.59	5.84E-04

B, Down-regulated

Gene symbol	Log2 FC	P-value
USP11	-0.60	6.16E-04
QDPR	-0.60	8.64E-04
KLK3	-0.72	4.32E-04
GNRH2	-0.75	2.42E-04
FES	-0.76	7.94E-04
HOXB6	-0.77	3.68E-04
CDH4	-0.77	1.24E-04
CXCR2	-0.77	2.73E-04
EGF	-0.80	9.72E-05
MSX1	-0.80	2.38E-04
BCL2	-0.89	4.09E-05
metastasis-associated gene	-0.94	1.64E-04
TEK	-0.97	2.60E-04
FGF7	-1.04	6.50E-05
UQCRC1	-1.06	5.18E-04
MMP15	-1.07	3.12E-05
NOVA1	-1.15	2.65E-05
PTN	-1.26	3.21E-04
CYP2A13	-1.30	3.35E-06
PDGFRL	-1.35	1.06E-04
CDKN1C	-1.69	3.57E-05
TGFBR3	-1.75	7.80E-06
ACO2	-1.90	9.81E-04

DEG, differentially expressed gene; OTSCC, oral tongue squamous cell carcinoma.