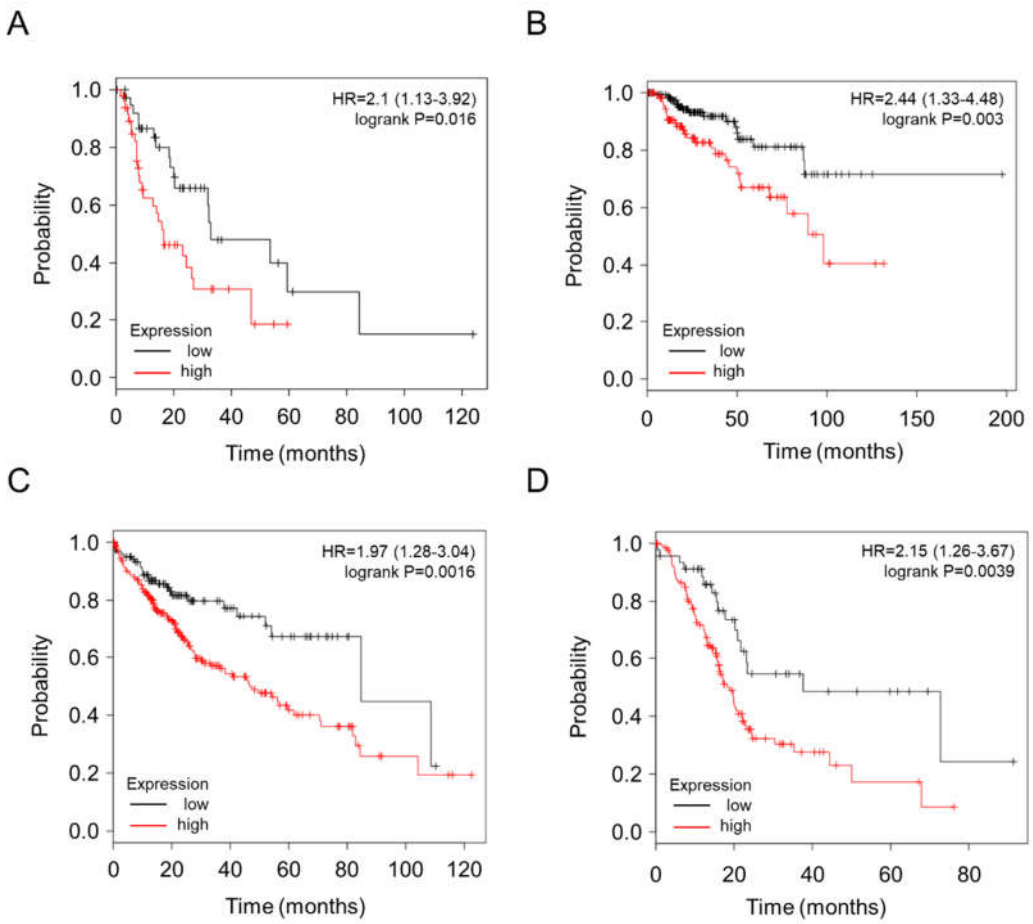

Figure S1: Kaplan-Meier plots of the probabilities of survival in cancer types other than head and neck cancer. (A) Esophageal adenocarcinoma (B) kidney renal papillary cell carcinoma (C) liver hepatocellular carcinoma (D) pancreatic ductal adenocarcinoma.

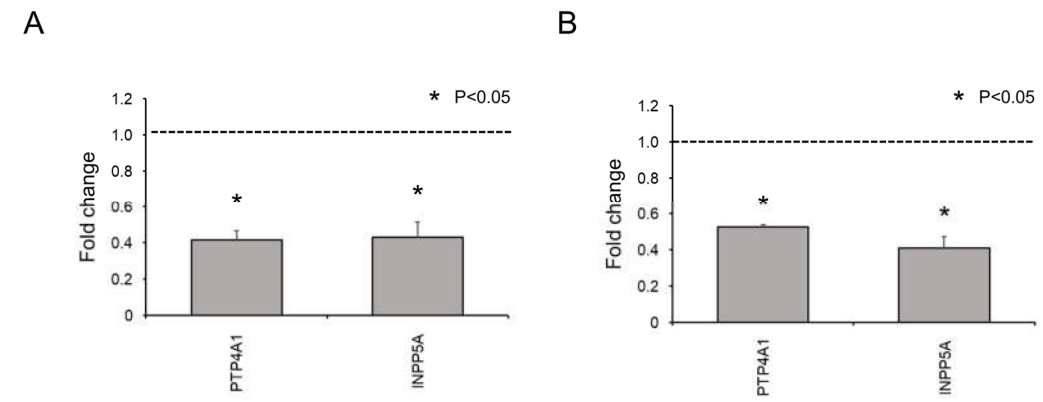

Figure S2: Quantitative RT-PCR analysis of HSC-3 and HSC-4 cells. (A, B) Quantitative RT-PCR analysis of 2 genes in HCS-3 and HCS-4 cells transfected with miR-629-3p. Expression levels were normalized to β-actin, and relative expression was calculated using the comparative CT method.

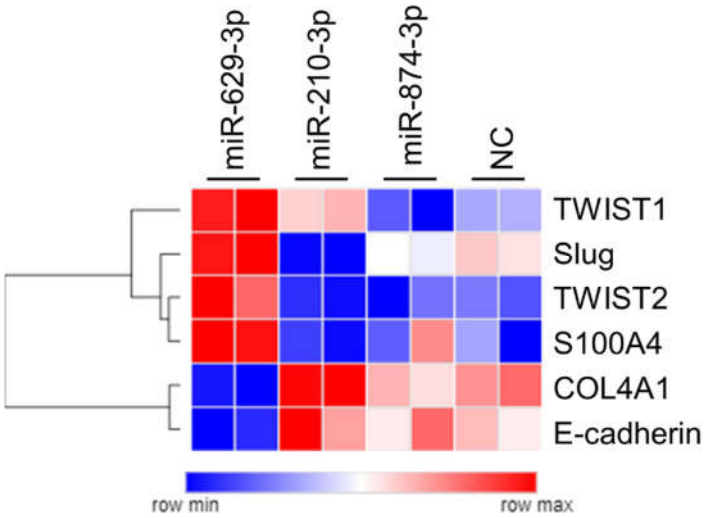

Figure S3: Figure R2 EMT marker expression changes in miR-629-3p transfected SAS cells. EMT regulators, TWIST1, Slug and TWIST2 were upregulated in miR-629-3p transfected SAS cells. Epithelial markers, COL4A1 and E-cadherin were downregulated, and a mesenchymal marker, S100A4 was upregulated in miR-629-3p transfected SAS cells.

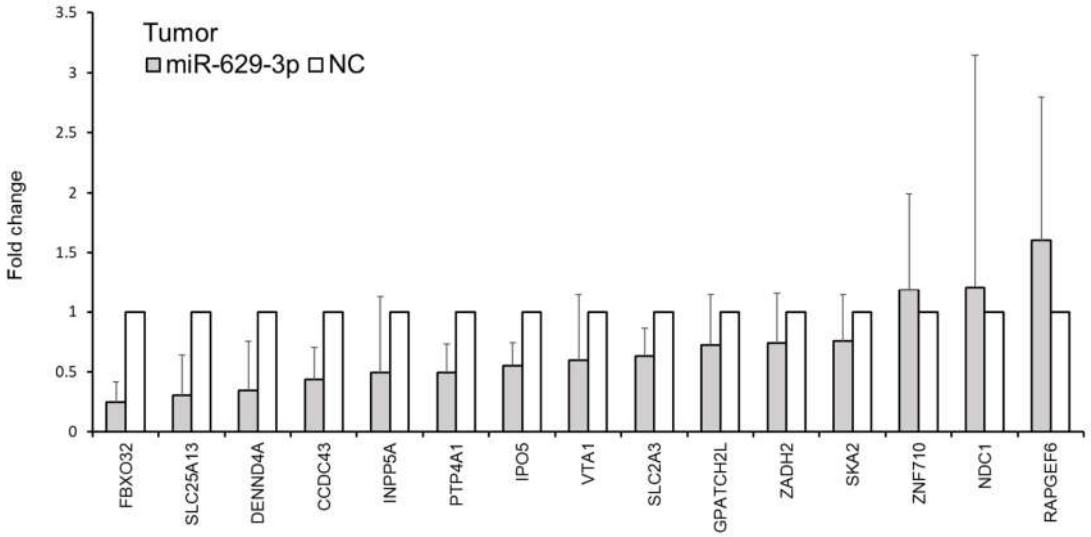

Figure S4: Downregulation of the putative miR-629-3p targeted genes in xenograft tumors of stable miR-629-3p expressing SAS cells. The expression levels of genes were normalized with β-actin, and the expression levels of negative control tumors set to 1.0. Undetectable genes in tumor samples were excluded from 19 genes. Each n = 6.

Table S1. Primer sequences for quantitive RT-PCR.

Primer name	Nucleotide sequence (5' - 3') / TaqMan Assay ID
SLC2A3 Fw	accggcttcctcattacctt
SLC2A3 Rv	aggctcgatgctgttcatct
LBH Fw	atctgagatcggccaagatg
LBH Rv	cttctgtgggttccaccact
PTP4A1 Fw	ccagctcctgtggaagtcac
PTP4A1 Rv	aaggccaatcaagaacatgg
APOL4 Fw	actagcgatgaagcctggaa
APOL4 Rv	agcctctgtggacctttca
GPATCH2L Fw	ggaagcgtcgttctgacttc
GPATCH2L Rv	ggtgtcgtttggctaccatt
ZNF710 Fw	tacaacctggtgacgcacat
ZNF710 Rv	cagctgtagggcttgacctc

IPO5 Fw	tgcctcttctcctggagtgt
IPO5 Rv	tgcactttgcaaaagaatgc
MYOCD Fw	ctcggcttcctttgaacaag
MYOCD Rv	cttcccagagaatccatcca
RAP2A Fw	gagcttccaggacatcaagc
RAP2A Rv	ctgcctcacaatttctgcaa
NDC1 Fw	tgtttcctgttcaaccacca
NDC1 Rv	ttggctgaggctgaaaactt
STMN1 Fw	aaggatctttccctggagga
STMN1 Rv	tgtgcctctcggttctcttt
LRRC58 Fw	gctgcacggaccattaagat
LRRC58 Rv	ggaagtggagctgtgagagg
INPP5A Fw	ttgcagactgtgcctttgac
INPP5A Rv	aaaccttctcgaatcgctga
FBXO32 Fw	tcacagctcacatccctgag
FBXO32 Rv	agacttgccgactctttgga
RAPGEF6 Fw	ccatcaggaagaagggacaa
RAPGEF6 Rv	tgaggagatgcaggaggact
ERBB4 Fw	tttcgggagtttgagaatgg
ERBB4 Rv	gaaactgtttgccccctgta
C15orf48 Fw	agcctcatctttcgctgtgt
C15orf48 Rv	tggtcacccttggacattt
DENND4A Fw	gtcagggctctgaaaacagc
DENND4A Rv	tgcatttcaaaaagcactcg
RAB12 Fw	atttgccgaaatggatgaag
RAB12 Rv	tggcacttgcttcacagaac
TMEM212 Fw	aagccttggttcacaggatg
TMEM212 Rv	ccaggagagcagattccaag
AFF1 Fw	tagtgtccaccaccagtcca
AFF1 Rv	gtggtctccgtcagctcttc
CCDC43 Fw	aagagaagctggacgctctg
CCDC43 Rv	ggcaatggcctgtacttcat
FAM76A Fw	cgcccaaaccttgtcagtat
FAM76A Rv	tcttctgaaggacccgtttg
ACSM2A Fw	cggggaatcaaagatgaaga
ACSM2A Rv	acaaatgccttcaccacctc

SOX11 Fw	tgatgttcgacctgagcttg
SOX11 Rv	tagtcggggaactcgaagtg
FRAT2 Fw	gctctcgggaaacctcatc
FRAT2 Rv	tcagagcaaggagcctgag
ZBTB21 Fw	gctggctttgaagagaccac
ZBTB21 Rv	tggctatccatcgacaatga
VTA1 Fw	gcaatgcagactggaatgaa
VTA1 Rv	ttttgtgaaatcgtccagca
ZADH2 Fw	agggcttcttcctgaaccat
ZADH2 Rv	ttgacagcacggaatatgga
PPP1R3B Fw	ggttcagacagggacacgtt
PPP1R3B Rv	cttccgaactggtcaaagga
GAS2 Fw	aagatcccatgcaaaaccag
GAS2 Rv	ggccaagctctagcagacag
SLC25A13 Fw	tgcaagcattgagaaaaacg
SLC25A13 Rv	ttctcctttgccagctttgt
SKA2 Fw	ccgctttaaaccagttgctg
SKA2 Rv	ctctgccgcagttttctctt
TPM3 Fw	cctgcaaaagctggaagaag
TPM3 Rv	tctgcctcttctgcaatgtg
hsa-miR-629	Assay ID : 001562
RNU6B	Assay ID : 001093