

Figure S1. Assessment of transfection efficiency in A172 and U251 cells. (A) Transfection efficiency of miR-640 mimic or inhibitor in A172 and U251 cells was assessed via RT-qPCR analysis. (B) Transfection efficiency of SLIT1 overexpression in A172 and U251 cells was assessed via RT-qPCR analysis. \*\* $P < 0.001$ . Data are presented as the mean  $\pm$  standard deviation ( $n=3$ ). miR, microRNA; RT-qPCR, reverse transcription-quantitative PCR; SLIT1, Slit guidance ligand 1; NC, negative control; OE, overexpression vector.

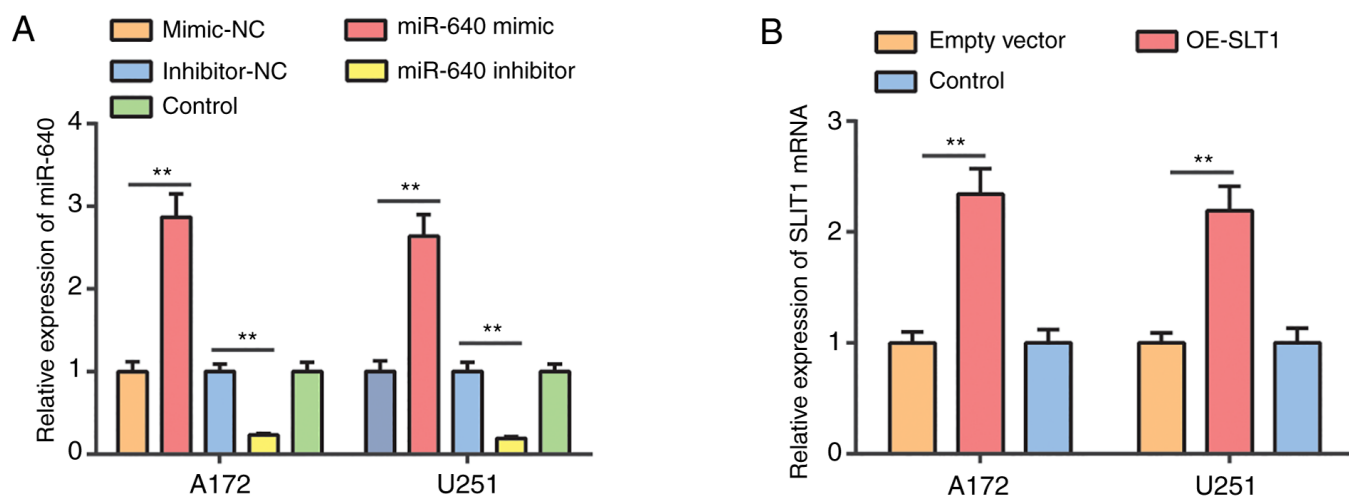


Table SI. Sequences used for cell transfection.

Name	Sequence (5'-3')
OE-SLIT1-F	GAGCCCAGGCAGACTCAAAAT
OE-SLIT1-R	AAGTCCCCACAGCAAACCAAT
miR-640 inhibitor	AGAGGCAGGUUCCUGGAUCAU
miR-640 mimic-sense	AUGAUCCAGGAACCUGCCUCU
miR-640-mimic-antisense	AGAGGCAGGUUCCUGGAUCAU
Mimic-NC	UCACAACCUCCUAGAAAGAGUAGA
Inhibitor-NC	UUGUACUACACAAAAGUACUG

OE, overexpression vector; SLIT1, Slit guidance ligand 1; F, forward; R, reverse; miR, microRNA; NC, negative control.