

OMTN, Volume 23

Supplemental Information

**Oncogenic ZEB2/miR-637/HMGA1 signaling
axis targeting vimentin promotes
the malignant phenotype of glioma**

Yu Zeng, Tianshi Que, Jie Lin, Zhengming Zhan, Anqi Xu, Zhiyong Wu, Cheng Xie, Jie Luo, Shengfeng Ding, Hao Long, Xian Zhang, and Ye Song

Table S1. Primers used for qPCR or PCR

Gene Name	Sequences	
miR-637	sense	5'- ACTGGGGGCTTTCGGGCTCTGCGT -3',
	anti-sense	general primer using miRNA PrimeScript RT Enzyme Mix kit (Takara, Japan)
HMGA1	sense	5'- ATGAACTCCGAAGGCCAGCC -3'
	anti-sense	5'- CCTTCCTAGGTCTGCCTCTTGG -3'.
ACTB	sense	5'-CATGTACGTTGCTATCCAGGC-3'
	anti-sense	5'-CTCCTTAATGTCACGCACGAT-3'
ChIP Primer for Site 1	sense	5'-CCTCTCGAAGTGCAAGGAAG-3'
	anti-sense	5'-AGGCTGCAGTGAGCTAGGAC-3'
ChIP Primer for Site 2	sense	5'-TGCTCTTGTTGTCCAGGTTG-3'
	anti-sense	5'-GGTGAAACCCCGTCTCTTCT-3'

Table S2. Sequences of siRNA

Construct	Sequence
siZEB2	5'- GGACACAGGUUCUGAAACA-3'
siHMGA1	5'-CCAUGAACGAGUUUGAGUA-3'
siVimentin	5'-GCAGGAUGAGAUUCAGAAU-3'