



HOKKAIDO UNIVERSITY

Title	ZEB1 induces EPB41L5 in the cancer mesenchymal program that drives ARF6-based invasion, metastasis and drug resistance
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Table S1. Sequences targeted by siRNAs.

Target Gene	Sequence (sense)
Human <i>AMAP1</i>	AAGACCTGACAAAAGCCATTA
Human <i>EPB41L5</i> 1	GAGAUGGAACUGGCUAUUUUU
Human <i>EPB41L5</i> 2	UUCAGAUUCGUGCCUAUUCAG
Human <i>ZEB1</i> 1	GACCAGAACAGUGUCCAUGCUUAA
Human <i>ZEB1</i> 2	GCUGAGAAGCCUGAGUCCUCUGUUU
Mouse <i>ZEB1</i> 1	CCGGGUCAGUAAACAUACCUACAAA
Mouse <i>ZEB1</i> 2	GACCAGAACAGUGUCCAUGUUUAA

Table S2. Primers used for cloning of EPB41L5 and ChIP analysis.

Cloning primers

Name	Sequence (5'-3')
EPB41L5 N terminus Fw	AT <u>GGATCC</u> (<i>Bam</i> HI) <u>GCCACC</u> (Kozak) ATGCTGAGTTTCTTCCGTAGAACA
EPB41L5 N terminus Rv	GA <u>AGATCT</u> (<i>Bgl</i> II) CATCCCCCAAGCCTGTTGGGA
EPB41L5 C terminus Fw	GA <u>AGATCT</u> (<i>Bgl</i> II) GCT CTG CCT GTG AGT CCT TCC
EPB41L5 C terminus Rv	AT <u>GCGGCCGC</u> (<i>Not</i> I) <u>TCA</u> (stop) GAGCTCAGTGGTCAGTAAACA

Primers for ChIP analysis

Name	Sequence (5'-3')
#1 Fw	TTGGTCTGAGTTAGGGCAGGTAGTGTAGTT
#1 Rv	CTGCTTTGCCACCCTTAGCATGTTGACCT
#2 Fw	GAAGAAGGAATGCTTTTCGGGGTACCTGGC
#2 Rv	AGGCTCAAGAGTTCTAGCTCAGGAATTCTGA
#3 Fw	TTGCCACACCAGCGGATCTGCAAGAGAGTA
#3 Rv	CTCATTGAGCTTCTTCTCGGGATTTGGCAC
#4 Fw	TCACCTTGTTAGAGTACCCTCCTGACCACA
#4 Rv	CGCAAATACTTATTGAGAGCCTGTCACG
#5 Fw	ACTGGGTTTCGGCAGCGCCCTTTAAACCA
#5 Rv	GTAGACGCCGAGAAATGGCGCCCACAACGA