

Table S1 The sequence of primers

Gene	Primer sequence
E-cadherin	
Forward	5'-TCC ATT TCT TGG TCT ACG CC -3
Reverse	5'-CAC CTT CAG CCA ACC TGT TT-3
Vimentin	
Forward	5'-TGG CAC GTC TTG ACC TTG AA-3'
Reverse	5'-GGT CAT CGT GAT GCT GAG AA -3'
Twist1	
Forward	5'-AGC AAG ATT CAG ACC CTC AA-3'
Reverse	5'-AGC AAG ATT CAG ACC CTC AA-3'
Snail	
Forward	5'-TTT ACC TTC CAG CAG CCC TA-3'
Reverse	5'-GGA CAG AGT CCC AGA TGA GC-3'
RGMB	
Forward	5'-TCC CCT AGA TGG CGG AGA AA-3
Reverse	5'-AAC GGC AGA GTT CAG GTG AG -3
TXNIP	
Forward	5'-CCG CCT CCT GCT TGA AAC TA-3
Reverse	5'-GTC TCT TGA GTT GGC TGG CT-3
ARAP2	
Forward	5'-CAA GGC TGG GAG AGA CGC-3
Reverse	5'-TTG CTG CAC AGT CCT TCA CA-3
CAMTA1	
Forward	5'-TCC CGG AGA GTA GTG AGA CC-3
Reverse	5'-TTC GCC CAC TCC TTC TTG TC-3
EFCAB14	
Forward	5'-TCA TTC CGT CAC CTT CAG CC-3
Reverse	5'-CAA GCT CTC TGG TTC TGG CA-3
MAP3K9	
Forward	5'-CAA GCC CCA CCA TCA TTC CT-3
Reverse	5'-TTC TCA CGT CTC TGA GGG GA-3
PFN2	
Forward	5'-AGC TGC TAG GCA GAC TGT TA-3
Reverse	5'-TTA AGT GTG CCT CCG TGG AC-3
GAPDH	
Forward	5'-TCC AAA ATC AAG TGG GGC GA-3'
Reverse	5'-AGT AGA GGC AGG GAT GAT GT-3'

Table S2 The antibody information

E-cadherin	Cat.3195T 1:1000 ~1:2000 dilution, Cell Signaling Technology, Danvers, MA
Vimentin	Cat.10366-1-AP 1:500 ~1:2000 dilution, Proteintech Group, Wuhan, China
RGMB	Cat.ab191916 1:1000 ~1:2000 dilution, Abcam, Cambridge, MA
GAPDH	Cat.10494-1-AP 1:500 ~1:2000 dilution, Proteintech Group, Wuhan, China
Rabbit IgG	Cat.14708S 1:2000 dilution, Cell Signaling Technology, Danvers, MA
Mouse IgG	Cat.14709S 1:2000 dilution, Cell Signaling Technology, Danvers, MA
Alexa Fluor 594	Cat.115-585-003
Mouse IgG	1:1000 ~1:2000 dilution, Jackson Immuno Research, West Grove, PA
Alexa Fluor	Cat.111-545-003
488 Rabbit IgG	1:1000 ~1:2000 dilution, Jackson Immuno Research, West Grove, PA

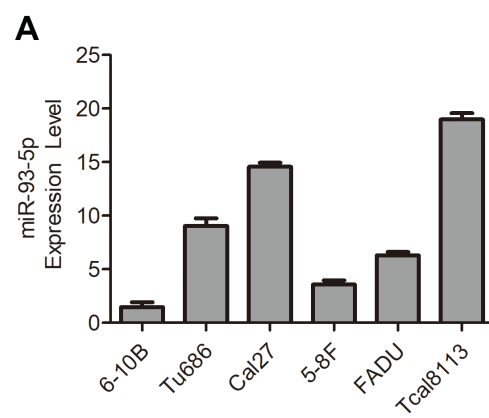


Fig. S1

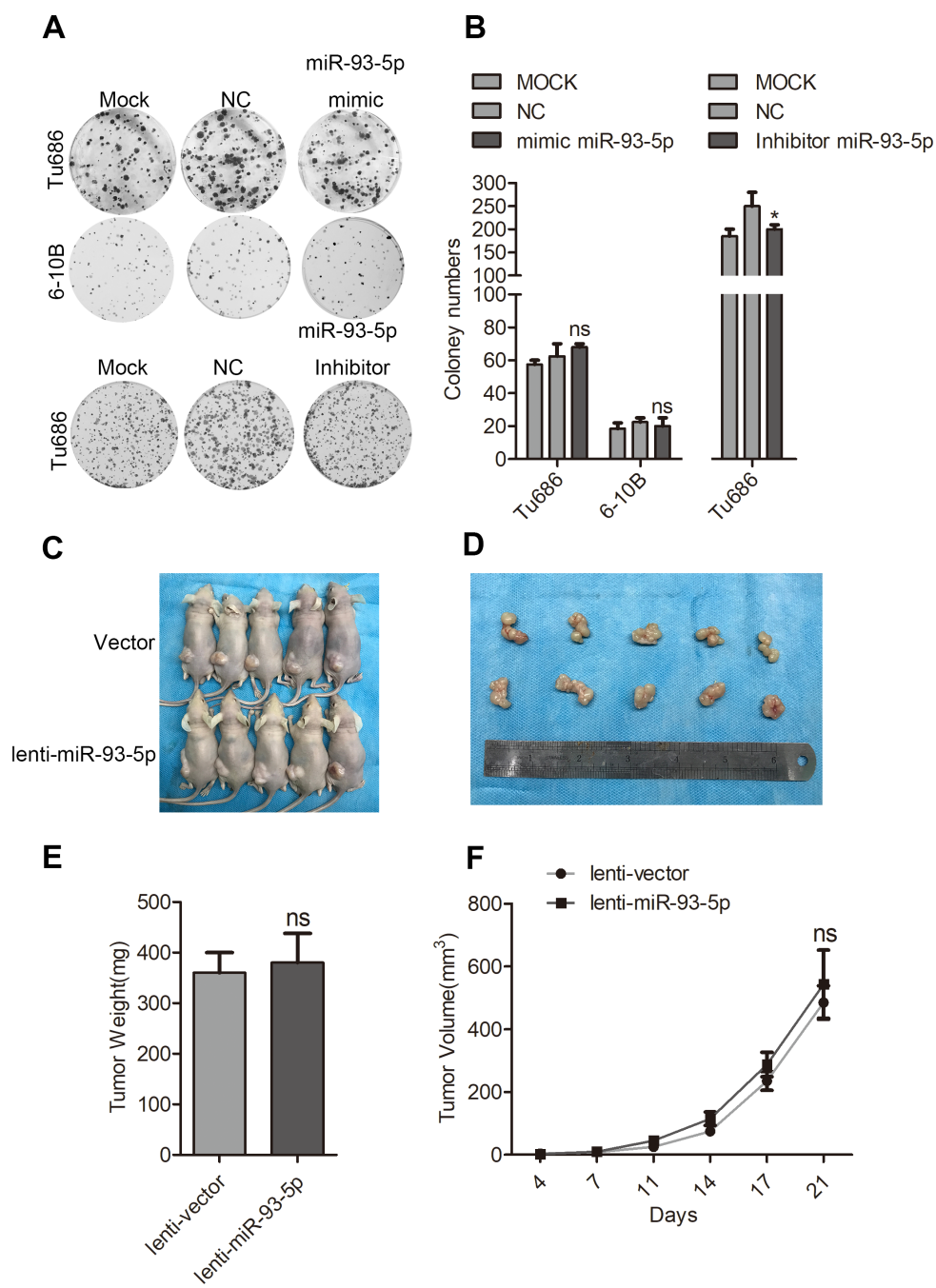


Fig. S2

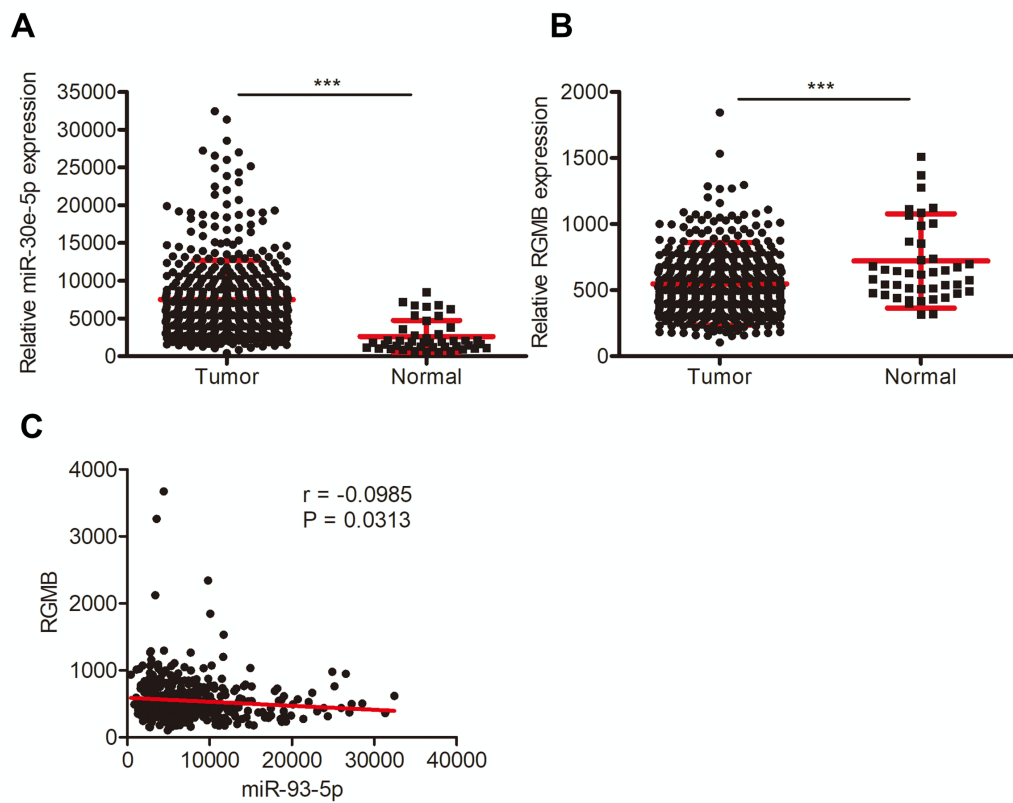


Fig. S3.