Table SI. Sequences of the PCR primers used in this study.		
Genes	Sequences	
SPC25	Forward	5′-CCT GCC TGC GAA GCA TTG TCC-3′
	Reverse	5′-CCC GCC ATC TGA CAG GAG GTG-3′
ITGB4	Forward	5′-AGG GTC AGT TCT GCG AGT ATG-3′
	Reverse	5′-AAC CAG GCT CAC ACA CAC AC-3′
LAMA4	Forward	5′-TTC GAA CAC CAG CTG ACA AC-3′
	Reverse	5′-AGG TAA CCA TTG CGC ATT TC-3′
TNC	Forward	5′-CTG CCA GGC ATC TTT CTA GC-3′
	Reverse	5′-TTC TGC AGG TTG GAG GCA AC-3′
TNXB	Forward	5’- TCT GTC AGG CAG GAA ACG AC -3’
	Reverse	5’- AGG TAG CTC CTT CTC CAG GG -3’
LAMA1	Forward	5′-AAA GTC GCC GTG TCT GCA GAC-3′
	Reverse	5′-TTA AAA TGA GTA ACC TTC ACA GC-3′
LAMA3	Forward	5′-AGC TCT TGC TGA ACC GGA TA-3′
	Reverse	5′-AAT GGC TCC CAA AGC TCT CT-3′
HSPG2	Forward	5′- GAC ATC GCC ATG GAT ACC AC-3′
	Reverse	5′- CAG GAC AAG CCA GAA TAG CC-3′
MMP9	Forward	5'-GCA GAG GAA TAC CTG TAC CGC-3'
	Reverse	5'-AGG TTT GGA ATC TGC CCA GGT -3’
MMP13	Forward	5′-TGC TGC ATT CTC CTT CAG GA-3′
	Reverse	5′-ATG CAT CCA GGG GTC CTG GC-3′
GAPDH	Forward	5′-GGA CCA AGT GCC AAG AAC TG-3′
	Reverse	5′-GGA ATG CCA TAC CCG TCA G-3’

SPC25, spindle pole body component 25 homolog; *ITGB4*, integrin subunit β4; *LAMA4*, laminin subunit α4; *TNC*, tenascin C; *TNXB*, tenascin XB; *LAMA1*, laminin subunit α1; *LAMA3*, laminin subunit α3; *HSPG2*, heparan sulfate proteoglycan 2; *MMP9*, matrix metallopeptidase 9; *MMP13*, matrix metallopeptidase 13; *GAPDH*, glyceraldehyde-3-phosphate dehydrogenase.

Table SII. Sequences of the shRNAs against specific target genes.

Genes	Sequences
sh*SPC25*-238	5′-GGA TTC CAT CAA AGC ATT TGC-3′
sh*SPC25*-298	5′-GGT TGA GAT GTT TCT GGA ATA-3′
sh*SPC25*-415	5′-GGA AGT ACT GAC TGC AAA TAT-3′
shNC	5′-TTC TCC GAA CGT GTC ACG T-3′
si*ITGB4*	5’-AAG AAC CGG ATG CTG CTT ATT-3’
siNC	5′-TGC GTT GCT AGT ACC AAC-3′

shRNAs, short hairpin RNAs; si, small interfering; SPC25, spindle pole body component 25 homolog; ITGB4, integrin subunit β4; NC, negative control.