

Table SI. Primers for reverse transcription-quantitative PCR (Taqman probes).

Gene name	Primer sequence (5'→ 3')
Transcription factor YinYang 1	F: TACCTGGCATTGACCTCTC
	R: GGCCGAGTTATCCCTGA
	Probe: (FAM)-CATGGCCGAGTTATCCCTGA-(BHQ-1)
Plasminogen activator urokinase	F: CCCCCTTTAAGATTATTGG
	R: CGACCCAGGTAGACGATGTAG
	Probe: (FAM)-TTGATTACCCAAAGAAGGAGGA-(BHQ-1)
β-actin	F:CGGGAAATCGTGCGTGAC
	R:CAGGCAGCTCGTAGCTCTT
	Probe: (FAM)-GAGAAGCTGTGCTACGTCGC-(BHQ-1)

F, forward; R, reverse.

Table SII. Primers for reverse transcription-quantitative PCR (SYBR Green).

Gene name	Primer sequence (5' → 3')
Transcription factor YinYang 1	F: TACCTGGCATTGACCTCTC
	R: GGCCGAGTTATCCCTGA
Plasminogen activator urokinase	F:CCCCGCTTTAAGATTATTGG
	R:CGACCCAGGTAGACGATGTAG
β-actin	F:CGGGAAATCGTGCGTGAC
	R:CAGGCAGCTCGTAGCTCTT
MMP-9	F:CCTGGAGACCTGAGAACCAATCT
	R:CCACCCGAGTGTAACCATAGC
CyclinD1	F:TCTACACCGACAACCTCCATCCG
	R:TCTGGCATTGAGAGGAAGTG
E-cadherin	F:GAACGCATTGCCACATACAC
	R:ATTCGGGCTTGTTGTCATTC

F, forward; R, reverse.

Table SIII. Primers for PLAU promoter construction.

Promoter reporter	Primer sequence(5' → 3')
pGL3-PLAU(-1500/+18)	F: <u>CCGCTAGCT</u> CCTACCTTCCTGGCACTCT
	R: <u>CCCTCGAGC</u> GGCGCCTGCTCTATAT
pGL3-PLAU(-1300/+18)	F: GAGCTCTTACGCGTGCTAGC
	R: CTAGTGTCAGGAACCAGG
pGL3-PLAU(-1100/+18)	F: GAGCTCTTACGCGTGCTAGC
	R: ATTCTATTCAGATAGAAACAA
pGL3-PLAU(-900/+18)	F: GAGCTCTTACGCGTGCTAGC
	R: AGTTCTGTTCTCACCTCTGA
pGL3-PLAU(-700/+18)	F: GAGCTCTTACGCGTGCTAGC
	R: AGGTGTCGTGATATGATGTTA
pGL3-PLAU(-500/+18)	F: GAGCTCTTACGCGTGCTAGC
	R: CTCTGTGCGTCTGTTCAAGTG
pGL3-PLAU(-300/+18)	F: GAGCTCTTACGCGTGCTAGC
	R: CCCAGCTCTGAAGCCTCC
pGL3-PLAU(-1100/-901)	F: <u>CCGCTAGCT</u> TGTTTCTATCTGAATAGA
	R: <u>CCCTCGAGG</u> TAGAGGAATTGGGAGACT

The underlined sequence is the restriction endonuclease site. PLAU, plasminogen activator urokinase; F, forward; R, reverse.

Table SIV. Primers for site-directed mutation of PLAU promoter.

Promoter reporter	Primer sequence(5' → 3')
pGL3-PLAU-MTA	F: CATGCATTAAAAC <u>CGGATCGA</u> ATTATCTTT
	R: AAAGATAATTC <u>GATCCG</u> TTTTAATGCATG
pGL3-PLAU-MTA	F: ATGTGCTTTTTAAG <u>CGAGCTAG</u> AGTGTA AAAAGG
	R: CCTTTTACACTCT <u>AGCTCG</u> CTTAAAAAGCACAT

The underlined sequence is the mutation site. PLAU, plasminogen activator urokinase; F, forward; R, reverse.