

Figure S1. Expression of lncRNA-Ankrd26 in dental pulp stem cells following lncRNA-Ankrd26 small interfering RNA transfection. The results are presented as the mean $\pm$ standard deviation. ** $P < 0.01$ vs. NC. lnc, long non-coding; Ankrd, ankyrin repeat domain; miR, microRNA.

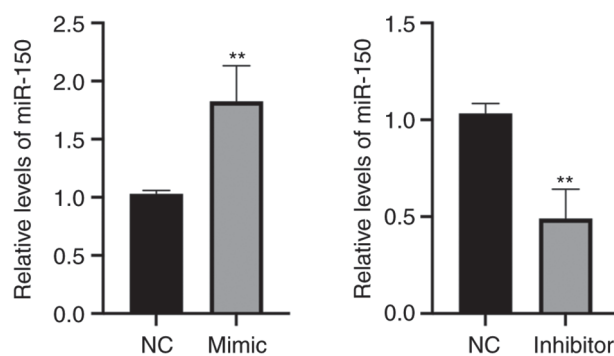


Figure S2. Expression of miR-150 in mesenchymal stem cells following miR-150 mimic, inhibitors or control transfection. The results are presented as the mean $\pm$ standard deviation. **P<0.01 vs. control. miR, microRNA; lnc, long non-coding RNA; Ankrd, ankyrin repeat domain.

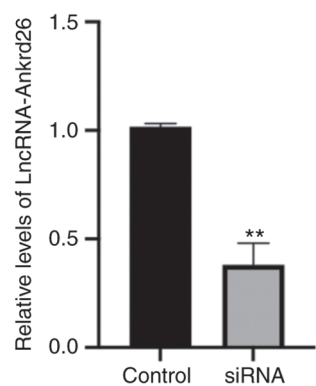


Table SI. Primers used in the present study.

Gene	Sequence (5'-3')
TLR4	
Forward	GTGAGCATTGATGAGTTCAG
Reverse	CATCTAATGATTGATAAGGATT
β -actin	
Forward	CAGGGCTGCTTTTAACTCTGG
Reverse	TGGGTGGAATCATATTGGAACA
lncRNA-Ankrd26	
Forward	GAAAAGTGGTGTGAACGATAGAG
Reverse	CATTCTTCTTCCTGGCACTGTA
U6	
Forward	CTCGCTTCGGCAGCACA
Reverse	AACGCTTCACGAATTTGCGT
miR-150	
Forward	TCTCCCAACCCTTGTACCAGTG
Reverse	CAGCCACAAAAGAGCACAAT
miR-150 mimic	UCUCCCAACCCUUGUACCAGUG/CUGGUACAAGGGUUGGGAGAUU
miR-150 mimic negative control	UUCUCCGAACGUGUCACGUTT/ACGUGACACGUUCGGAGAATT
miR-150 inhibitor	CACUGGUACAAGGGUUGGGAGA
miR-150 inhibitor negative control	CAGUACUUUUGUGUAGUACAA
lncRNA-Ankrd26 siRNA	CCUUAUGCCAUGAAGAAGAUU
Negative control	UUCUCCGAACGUGUUCACGUTT
TLR4 shRNA1	aaCCAGGTGCATTTAAAGAAA
TLR4 shRNA2	aaGGAATGAGCTAGTAAAGAA
TLR4 shRNA3	aaCATCTGGATTTCAGCATT
shRNA negative control	TTCTCCGAACGTGTCACGT

shRNA, short hairpin RNA; miR, microRNA; lncRNA, long non-coding RNA; TLR4, toll-like receptor 4; Ankrd26, ankyrin repeat domain 26.

Table SII. Antibody information for western blotting in the present study.

Marker (species)	Dilution	Supplier	Catalog no.
Primary antibodies			
TLR4 Rabbit mAb	1:1000	Cell Signaling Technology, Inc.	14358s
OCN Rabbit mAb	1:1000	Abcam	ab93876
OPN Rabbit mAb	1:1000	Abcam	ab75285
β -actin Rabbit mAb	1:5000	Abcam	ab8277
RUNX2 Rabbit mAb	1:1000	Cell Signaling Technology, Inc.	12556
CD36 Rabbit mAb	1:1000	Cell Signaling Technology, Inc.	14347s
CD81 Rabbit mAb	1:2000	Cell Signaling Technology, Inc.	10037s
GM130 Rabbit mAb	1:1000	Cell Signaling Technology, Inc.	12480s
Calnexin Rabbit mAb	1:1000	Cell Signaling Technology, Inc.	2679s
GAPDH Rabbit Antibody	1:1000	Abcam	ab9485
Secondary antibodies			
Anti-rabbit IgG HRP-linked Ab	1:5000	Cell Signaling Technology, Inc.	7074
Anti-rabbit IgG (Fluor® 555 Conjugate)	1:500	Cell Signaling Technology, Inc.	4413
Antibodies for flow cytometry			
CD34-FITC Ab	1:500	BD biosciences	659114
CD29-PE Ab	1:500	BD biosciences	562154
CD44-PE/CY7 Ab	1:500	BD biosciences	746123
CD45-APC Ab	1:500	BD biosciences	556625

mAb, monoclonal antibody.