

Supplemental Material

Table S1. qPCR primers used for mRNA expression analysis.

Gene name	Forward primer (mouse)	Reverse primer (mouse)
<i>Dusp26</i>	ATGCCCTCTGTTACCATCC	CTGTTGTGTGAGGCGTTGAG
<i>Anp</i>	TCGGAGCCTACGAAGATCCA	TTCGGTACCGGAAGCTGTTG
<i>Bnp</i>	GAAGGACCAAGGCCTCACAA	TTCAGTGC GTTACAGCCCAA
<i>Myh7</i>	CAACCTGTCCAAGTTCCGCA	TACTCCTCATT CAGGCCCTTG
<i>Collagen 1α</i>	TGCTAACGTGGTTCGTGACCGT	ACATCTTGAGGTCGCGGCATGT
<i>Collagen III</i>	ACGTAAGCACTGGTGGACAG	CCGGCTGGAAAGAAGTCTGA
<i>Ctgf</i>	TGACCCCTGCGACCCACA	TACACCGACCCACCGAAGACACAG
<i>Gapdh</i>	ACTCCA CT CACGGCAAATTC	TCTCCATGGTGGTGAAGACA

Gene name	Forward primer (rat)	Reverse primer (rat)
<i>Anp</i>	AAAGCAA ACTGAGGGCTCTGCTCG	TTCGGTACCGGAAGCTGTTGCA
<i>Myh7</i>	AGTTCGGGCGAGTCAAAGATG	CAGGTTGTCTTGTTCCGCCT
<i>Gapdh</i>	TGTGAACGGATTTGGCCCTA	GATGGTGATGGGTTTCCCGT

Table S2. Antibodies used for Western blot analysis.

Antibody	Manufacturer	Catalogue number	Source of species	Dilution
DUSP26	GENETEX	GTX109283	rabbit	1:1000
p-TAK1	CST	4531	rabbit	1:1000
TAK1	CST	5206	rabbit	1:1000
p-ERK	CST	4370	rabbit	1:1000
ERK	CST	4695	rabbit	1:1000
P-JNK	CST	4668	rabbit	1:1000
JNK	CST	9252	rabbit	1:1000
p-p38	CST	4511	rabbit	1:1000
p38	CST	9212	rabbit	1:1000
Flag	MBL	M185	mouse	1:2000
HA	MBL	M180-3	mouse	1:2000
GAPDH	CST	2118	rabbit	1:5000

Table S3. Primers used for plasmid constructs.

Gene name	Primer sequence (5'-3')	
phage-FLAG-DUSP26	F	TCGGGTTTAAACGGATCCATGTGCCCTGGTAACTGGCT TTGG
	R	GGGCCCTCTAGACTCGAGTCATGCTTCCAGACCCTGCC GC
pLKO.1-rat-DUSP26-shRNA	F	CCGGCAATGTCTTTGAGTTGGAAAG CTCGAG CTTTCCAAC TCAAAGACATTG TTTTGG
	R	AATTCAAAAACAATGTCTTTGAGTTGGAAAG CTCGAG CTTTCCAAC TCAAAGACATTG
HA-TAK1	F	CGCGGATCCATGTCTACAGCCTCTGCCG
	R	CCGCTCGAGTCATGAAGTGCCTTGTCGTTTC

Figure S1. A-C, Mice heart rates in the process of echocardiographic examination in indicated groups.

