

Figure S1. Efficacy of *SNHG8* siRNA, miR-335 mimic, inhibitor, RASA1 siRNA and overexpression plasmid transfections were determined by reverse transcription-quantitative PCR. *** $P < 0.001$ vs. Control; ** $P < 0.01$ vs. NC mimic, *** $P < 0.001$ vs. NC inhibitor; ** $P < 0.01$ vs. NC siRNA, * $P < 0.05$ vs. NC plasmid. miR, microRNA; NC, negative control; RASA1, RAS p21 protein activator 1; siRNA, small interfering RNA; *SNHG8*, small nucleolar RNA host gene 8.

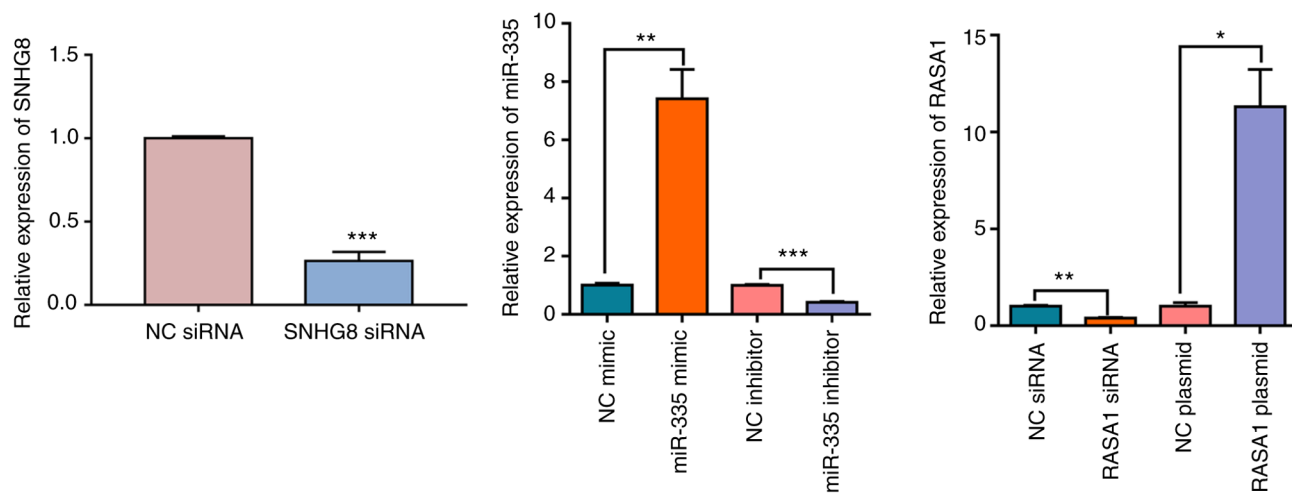


Figure S2. Expression of miR-335 was determined after HI/R induction and analyzed the relationship between miR-335 and RASA. (A) The expression of miRNAs was determined in the control and HI/R group by reverse transcription-quantitative PCR. (B) TargetScan and miRTarBase were used to screen predicted target genes of rno-miR-335. (C) Cell Counting Kit-8 assay determined cell viability in different groups. ** $P < 0.01$, *** $P < 0.001$ vs. Control. HI/R, hypoxia-ischemia-reoxygenation; miR/miRNA, microRNA; RASA1, RAS p21 protein activator 1; rno, *Rattus norvegicus*; *SNHG8*, small nucleolar RNA host gene 8; si, small interfering.

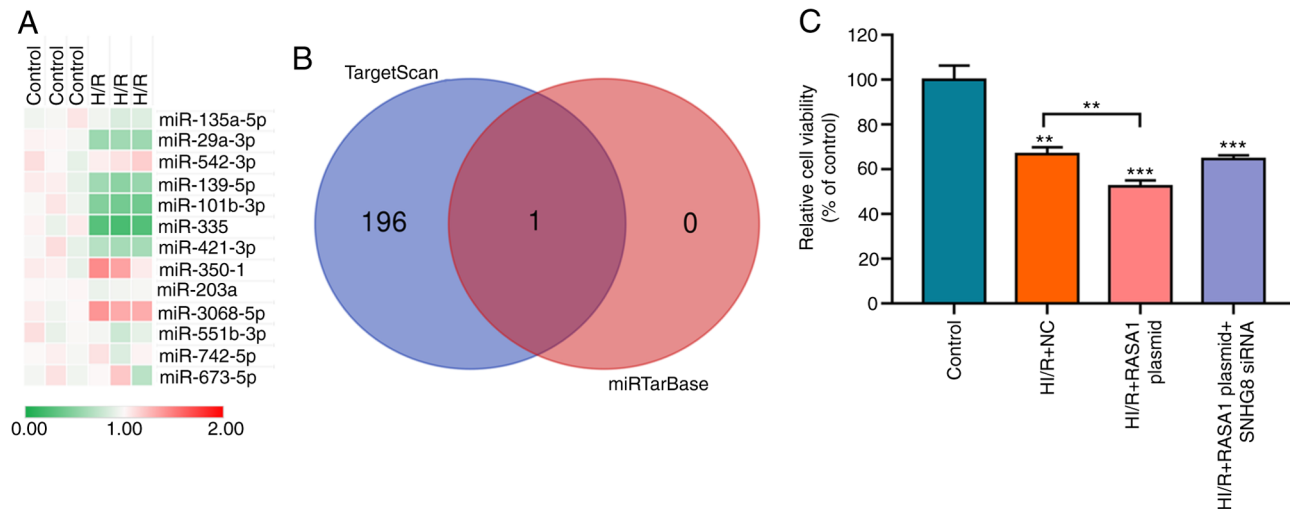


Table SI. Primer sequences used for reverse transcription-quantitative PCR.

Name	Sequence
<i>RMRP</i>	Forward 5'-ACTCCAAAGTCCGCCAAGA-3'; Reverse 5'-TGCGTAACTAGAGGGAGCTGAC-3'
<i>TUG1</i>	Forward 5'-TACGTCCCGTGCCTCCTGAT-3' Reverse 5'-AGGGCTGTGCTGAATCTGGG-3'
<i>ZFAS1</i>	Forward 5'-ACGTGCAGACATCTACAACCT-3' Reverse 5'-TACTTCCAACACCCGCAT-3'
<i>NRF</i>	Forward 5'-TAGCCCATCTCGTACCATCAC-3' Reverse 5'-TTTGTTCACCTCTCCATCAG-3'
<i>HRIM</i>	Forward 5'-GATTAGCTAGTCAAGGGCGGG-3' Reverse 5'-TCACCCACCCAAGTGTCAAG-3'
<i>FOXD3-AS1</i>	Forward 5'-GGTGGAGGAGGCGAGGATG-3' Reverse 5'-AGCGGACAGACAGGGATTGG-3'
<i>HOTAIR</i>	Forward 5'-GTTAACATGACCAGCGATCTGA-3' Reverse 5'-AATTAATTAGTGCCTCCAGTCC-3'
<i>FTX</i>	Forward 5'-ATCTTCTTGCGCTCCTCCTT-3' Reverse 5'-TGTGTCCAGGGCTGTCTGT-3'
<i>MDRL</i>	Forward 5'-CTCCTGCGCTTTAATTTCAA-3' Reverse 5'-TGGCTCTTCCGTAGTTGATGA-3'
<i>SLC8A1-AS1</i>	Forward 5'-ACACTGGGCTGATGTGCAAG-3' Reverse 5'-GACTCAGTGACAGGGCTCAA-3'
<i>miR-29a-3p</i>	5'-TAGCACCATCTGAAATCGGTTA-3'
<i>miR-542-3p</i>	5'-TGTGACAGATTGATAACTGAAA-3'
<i>miR-139-5p</i>	5'-TCTACAGTGCACGTGTCTCCAG-3'
<i>miR-101b-3p</i>	5'-TACAGTACTGTGATAGCTGAA-3'
<i>miR-421-3p</i>	5'-ATCAACAGACATTAATTGGG-3'
<i>miR-350-1</i>	5'-TTCACAAAGCCCATACACTTTCAC-3'
<i>miR-203a</i>	5'-AGTGGTTCTTAACAGTTCAAC-3'
<i>miR-3068-5p</i>	5'-AGTGGTTCTTAACAGTTCAAC-3'
<i>miR-551b-3p</i>	5'-GGCGACCCATACTTGGTTTCAGT-3'
<i>miR-742-5p</i>	5'-TACTCACATGGTTGCTAATCA-3'
<i>miR-673-5p</i>	5'-CTCACAGCTCCGGTCTGGAG-3'