

SUPPLEMENTARY TABLES

Supplementary Table 1. Primers used in this study.

Name	Primer	Sequence(5'-3')
CircGSE1	Forward primer	CGCAAGCTCGCCAAACAG
	Reverse primer	GCCGTGGAAAGCATCCCTAT
Linear GSE1	Forward primer	ATGCTTTCACGGCGACC
	Reverse primer	TGGGCTCCTCTGCCTGTTT
GAPDH	Forward primer	CAATGACCCCTTCATTGACC
	Reverse primer	TTGATTTTGGAGGGATCTCG
NRP1	Forward primer	GACAAATGTGGCGGGACCATA
	Reverse primer	TGGATTAGCCATTCACACTTCTC
miR323-5p	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGCGAAC
	Forward primer	AGGTGGTCCGTGGCGC
miR320-3P	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTCGCCC
	Forward primer	GCGAAAAGCTGGGTTGAGA
miR6769b-5P	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGCTCTT
	Forward primer	CGCCTGGTGGGTGGGG
miR-6917-5P	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCGGCAC
	Forward primer	CGCGTGTGGAAGGGGAGTT
miR-6924-5P	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTTCCG
	Forward primer	CGAGAGGATGGGGATTTGG
miR-6943-5P	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTAGCTT
	Forward primer	GCGTGGGGTGAGGTTGG
miR-6973a-5P	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAACTC
	Forward primer	CGTACGGTGGGAGGGGTG
miR-7036b-3p	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGGACCC
	Forward primer	GTTCCCTGGTGGGCCTCG
U6	Reverse primer	AGTGCAGGGTCCGAGGTATT
	Stem-loop primer	CTCAACTGGTGTCTGGAGTCGGCAATTCAGTTGAGAAAAATAT
U6	Forward primer	CAAGGATGACACGCAA
	Reverse primer	TCAACTGGTGTCTGG

Supplementary Table 2. Oligonucleotides and probes used in this study.

Definition	Sequence(5'-3')
si-circGSE1-1	Sense: AGCCAGAGGCAUGAGCCA Antisense: UGGCUCAUGCCUCUGGGCU
si-circGSE1-2	Sense: CCAGAGGCAUGAGCCAUGA Antisense: UCAUGGCUCAUGCCUCUGG
si-circGSE1-3	Sense: CAGAGGCAUGAGCCAUGAG Antisense: CUCAUGGCUCAUGCCUCUG
si-NRP1-1	Sense: GGGUGCCAUUCCAAGGAA Antisense: CCCUCGGUAAAGGUUCCUU
si-NRP1-2	Sense: GCUGCAAGAUACAGAUUA Antisense: CGACGUUCUAUUGUCUAAT
si-NRP1-3	Sense: CCAAGUGAGAAGUGUGAAU Antisense: GGUUCACUCUUCACACUUA
miR323-5p mimic	Sense: AGGUGGUCCGUGGCGCGUUCGC Antisense: GCGAACGCGCCACGGACCACCU
miR323-5p inhibitor	GCGAACGCGCCACGGACCACCU
Cy3-labeled circGSE1 probe	CTCATGCCTCTGGGCTCCTCT
FITC-labeled miR-323-5p probe	CGAACGCGCCACGGACCACCT

Supplementary Table 3. Primary antibodies for western blot and Immunohistochemistry.

Antibody	Company/catalog number
NRP1 (western blot)	Cell Signaling Technology, #3725
NRP1 (Immunohistochemistry)	Abcam,ab81321
CD31(Immunohistochemistry)	Abcam,ab28364