

**The Role of LINC00094/ miR-224-5p (miR-497-5p)/ Endophilin-1 Pathway in
Memantine Regulating the Permeability of Blood-Brain Barrier**

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Table S1. Primer and probes used for RT-qPCR

Primer or Probe	Gene	Sequence(5'->3') or Assay ID
Primer	LINC00094	F:ATGGAAATGAGGCCATCTTG R:AAGTGTGGTCCTGGGTTTCAG
	GAPDH	F:CCCATCACCATCTTCCAGGAG R:GTTGTCATGGATGACCTTGCC
Probe	miR-224-5p	002099(Applied biosystems)
	miR-497-5p	001043(Applied biosystems)
	Endophilin-1	Hs00182352_ml(Applied biosystems)
	U6	001973(Applied biosystems)
	GAPDH	Hs03929097_g(Applied biosystems)

Table S2. Sequences of shRNA template

Gene		Sequence(5'->3')
LINC00094	Sence	CACCGCAGGTGTCTCTTGTCAAAGCTTCAAG AGAGCTTTGACAAGAGACACCTGCTTTTTTTG
	Antisence	GATCCAAAAAAGCAGGTGTCTCTTGTCAAAG CTCTCTTGAAGCTTTGACAAGAGACACCTGC
NC	Sence	CACCGTTCTCCGAACGTGTCACGTCAAGA GATTACGTGACACGTTCCGGAGAATTTTTTG
	Antisence	GATCCAAAAAAGTTCTCCGAACGTGTCACG TAATCTCTTGACGTGACACGTTCCGGAGAAC