

Table S1. Mean Ct values and standard deviation (SD) of candidate reference genes in the CA1 and CA2-3, DG areas of the hippocampus at several time points after 5 min of ischemia. Data are expressed as mean \pm SD, n = 30.

Gene	mean Ct	SD
<i>Gapdh</i>	21.42	0.77
<i>Actb</i>	21.49	0.84
<i>18SrRNA</i>	12.28	1.16
<i>Hprt1</i>	26.36	0.7
<i>Hmbs</i>	30.23	0.59
<i>Ywhaz</i>	23.21	0.85
<i>Bud23</i>	29.03	0.69

Table S2. Stability value of candidate reference genes from RefFinder and each algorithm from the CA1 and CA2-3,DG regions of the hippocampus, separately. SV and R stand for stability value and rank for each method, respectively.

Region of hippocampus	Gene name	RefFinder		Delta Ct		BestKeeper		NormFinder		geNorm	
		SV	R	SV	R	SV	R	SV	R	SV	R
CA1	<i>Gapdh</i>	1.861	2	0.519	1	0.562	4	0.177	1	0.31	3
	<i>Actb</i>	2.06	3	0.548	3	0.436	2	0.325	3	0.276	1
	<i>18SrRNA</i>	7.00	7	1.048	7	1.102	7	0.981	7	0.658	7
	<i>Hprt1</i>	5.733	6	0.747	6	0.576	5	0.595	6	0.501	6
	<i>Hmbs</i>	1.414	1	0.538	2	0.383	1	0.271	2	0.276	1
	<i>Ywhaz</i>	4.949	5	0.612	5	0.673	6	0.35	4	0.417	5
	<i>Bud23</i>	3.936	4	0.591	4	0.56	3	0.389	5	0.326	4
CA2-3,DG	<i>Gapdh</i>	3.936	5	0.58	4	0.556	5	0.346	4	0.417	3
	<i>Actb</i>	6.735	7	0.834	7	0.671	6	0.74	7	0.643	7
	<i>18SrRNA</i>	6.236	6	0.806	6	0.824	7	0.699	6	0.567	6
	<i>Hprt1</i>	1.189	1	0.543	1	0.416	1	0.278	2	0.348	1

<i>Hmbs</i>	2.213	2	0.546	2	0.521	3	0.241	1	0.446	4
<i>Ywhaz</i>	2.659	3	0.62	5	0.503	2	0.444	5	0.348	1
<i>Bud23</i>	3.663	4	0.574	3	0.536	4	0.31	3	0.473	5