

Supporting Information

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Table S1. Arterial blood monitoring before and after MCAO

Genotype	Treatment	Pre- or post-MCAO	pH	PaCO ₂ (mm Hg)	HCO ₃ ⁻ (mmol/L)	Glucose (mg/dL)
WT	PBS	Pre	7.25 ± 0.03	43.4 ± 1.4	28.4 ± 0.9	211 ± 9
		Post	7.30 ± 0.00	42.8 ± 2.9	27.1 ± 0.9	206 ± 5
	GCV	Pre	7.30 ± 0.00	44.2 ± 3.0	27.5 ± 1.6	194 ± 8
		Post	7.30 ± 0.00	42.7 ± 2.9	27.1 ± 0.8	193 ± 10
Dcx-TK	PBS	Pre	7.30 ± 0.00	44.3 ± 3.0	26.2 ± 1.0	200 ± 2
		Post	7.26 ± 0.05	42.8 ± 2.2	27.1 ± 0.8	199 ± 8
	GCV	Pre	7.30 ± 0.00	42.7 ± 2.3	27.5 ± 0.9	205 ± 13
		Post	7.35 ± 0.05	43.0 ± 2.4	27.3 ± 1.5	206 ± 6

Values are mean ± SD (*n* = 3–4). PaCO₂, partial pressure of arterial blood CO₂.