

**Table S11. Measurement of intracellular GSH content and GSH/GSSG ratio in liver and brain.**

Sample	Indicator	Group	Value
Liver	Reduced glutathione (GSH) content ( $\mu\text{mol/gport}$ )	Control group	$143.38 \pm 9.21$
		Hypoxia group	$138.73 \pm 7.43^*$
		Reoxygenation group	$119.64 \pm 5.25^*$
	Toal glutathione/Oxidized glutathione (T-GSH/GSSG)	Control group	$47.61 \pm 2.46$
		Hypoxia group	$34.31 \pm 1.95^*$
		Reoxygenation group	$27.64 \pm 1.37^{**}$
Brain	Reduced glutathione (GSH) content ( $\mu\text{mol/gport}$ )	Control group	$44.38 \pm 2.36$
		Hypoxia group	$28.53 \pm 1.94^{**}$
		Reoxygenation group	$20.38 \pm 1.85^{**}$
	Toal glutathione/Oxidized glutathione (T-GSH/GSSH)	Control group	$35.84 \pm 2.13$
		Hypoxia group	$27.01 \pm 1.77^*$
		Reoxygenation group	$22.67 \pm 1.21^{**}$

**Note:** Values are expressed as the mean  $\pm$  SD. The \*  $p < 0.05$  and \*\*  $p < 0.01$  indicate significant differences compared with the control group. The indicators were measured using Reduced glutathione (GSH) assay kit (Product Code: A006-2-1), Toal glutathione/Oxidized glutathione assay kit (Product Code: A061-1-2). Both kits were purchased from Nanjing Jiancheng Institute of Biotechnology, and the operation was according to the manufacturer's instructions.