Supplementary Information

Heatstroke-induced late-onset neurological deficits in mice caused by white matter demyelination, Purkinje cell degeneration, and synaptic impairment in the cerebellum

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Figure S1 Head magnetic resonance imaging (MRI) image of patients with heatstroke

Head MRI was performed 8 and 47 days after heatstroke. High signal intensity (arrow) was detected at the cerebellum on diffusion-weighted imaging 8 days afer heatstroke, which diminished over time.

Figure S2 Experimental design

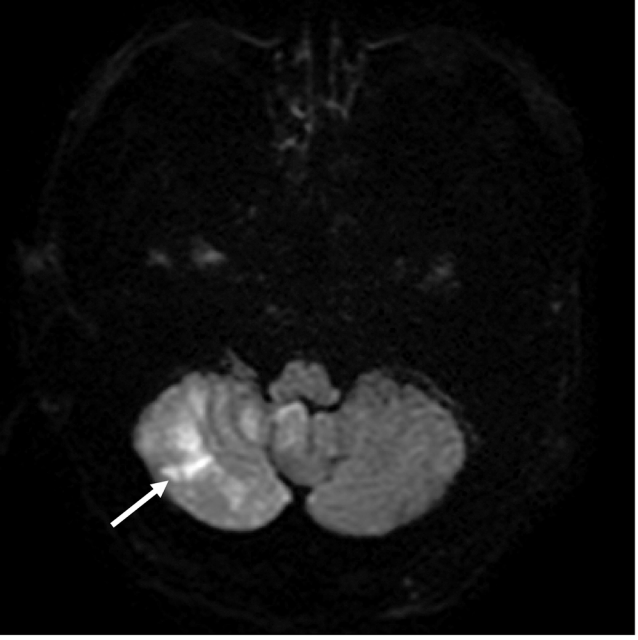
Protocol of (a) behavior study (rotarod test) and (b) brain tissue sampling.

HS, heatstroke; CTL, control

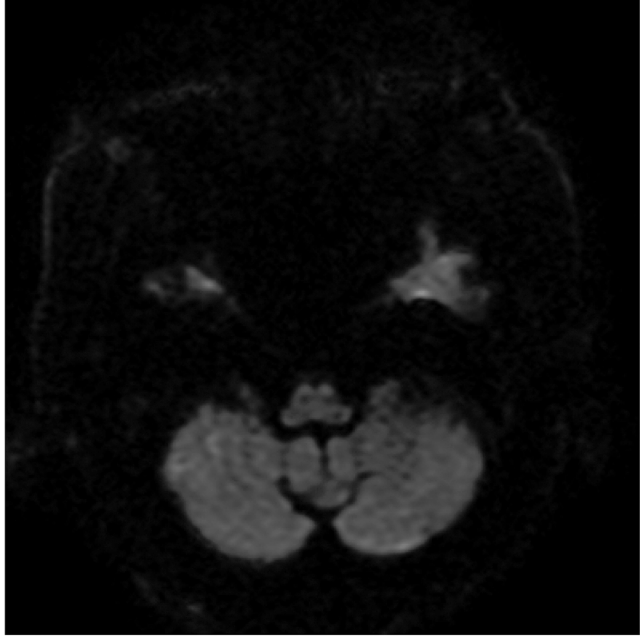
Video S1

Tandem gait examination of the patient with heatstroke

Wobble during walk observed upon tandem gait examination.



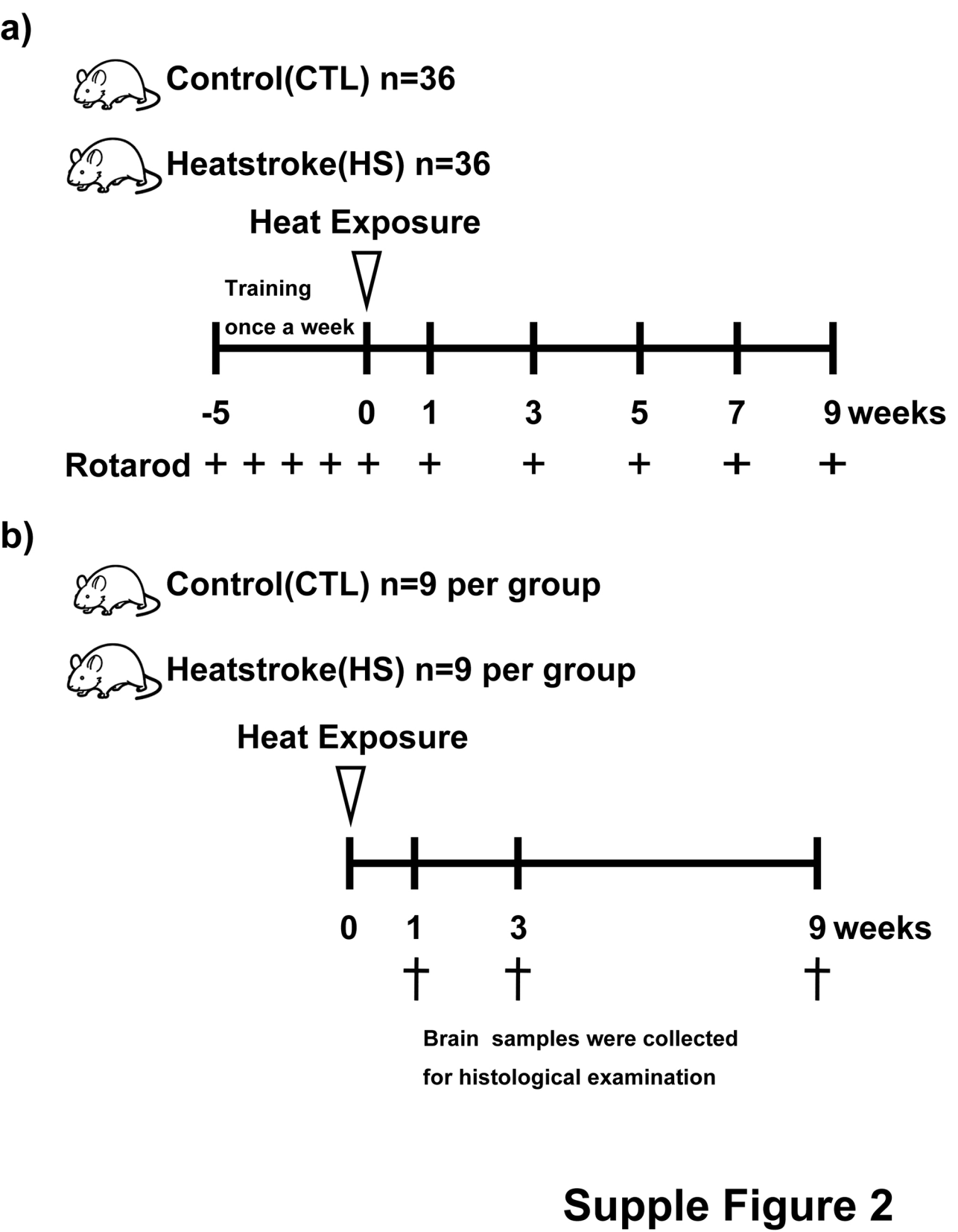
Day 8



Day 47

Supple Figure 1

Experimental design



Supple Figure 2