

Table S1. Neurological Examination after Middle Cerebral Artery Occlusion

Tests	Score
Motor tests Raising rat by the tail 1 Flexion of forelimb 1 Flexion of hindlimb 1 Head moved $>10^\circ$ to vertical axis within 30 s	3
Placing rat on the floor (normal = 0; maximum = 3) 0 Normal walk 1 Inability to walk straight 2 Circling toward the paretic side 3 Fall down to the paretic side	3
Sensory tests 1 Placing test (visual and tactile test) 2 Proprioceptive test (deep sensation, pushing the paw against the table edge to stimulate limb muscles)	2
Beam balance tests (normal = 0; maximum = 6) 0 Balances with steady posture 1 Grasps side of beam 2 Hugs the beam and one limb falls down from the beam 3 Hugs the beam and two limbs fall down from the beam, or spins on beam (>60 s) 4 Attempts to balance on the beam but falls off (>40 s) 5 Attempts to balance on the beam but falls off (>20 s) 6 Falls off: No attempt to balance or hang on to the beam (<20 s)	6
Reflexes absent and abnormal movements 1 Pinna reflex (head shake when touching the auditory meatus) 1 Corneal reflex (eye blink when lightly touching the cornea with cotton) 1 Startle reflex (motor response to a brief noise from snapping a clipboard paper) 1 Seizures, myoclonus, myodystony	4
Maximum Score	18