Supplementary table 1. The details of the modified neurological severity score

Motor tests Points

Raising rat by tail 3

Flexion of forelimb 1

Flexion of hindlimb 1

Head moved > 10° to vertical axis within 30 s 1

Placing rat on floor (normal =  0; maximum = 3) 3

Normal walk 0

Inability to walk straight 1

Circling toward the paretic side 2

Fall down to the paretic side 3

Sensory tests 2

Placing test (visual and tactile test) 1

Proprioceptive test (deep sensation, pushing paw against table

edge to stimulate limb muscles) 1

Beam balance tests (normal =  0; maximum =  6) 6

Balances with steady posture 0

Grasps side of beam 1

Hugs beam and 1 limb falls down from beam 2

Hugs beam and 2 limbs fall down from beam, or spins on beam (å 60 s) 3

Attempts to balance on beam but falls off (å 40 s) 4

Attempts to balance on beam but falls off (å 20 s) 5

Falls off; No attempt to balance or hang on to beam (20 s) 6

Reflex absence and abnormal movements 4

Pinna reflex (head shake when auditory meatus is touched) 1

Corneal reflex (eye blink when cornea is lightly touched with cotton) 1

Startle reflex (motor response to a brief noise from snapping a clipboard paper) 1

Seizures, myoclonus, myodystony 1

Maximum points 18