

Table SI. Modified neurological severity score criteria.

Variable	Points
Motor tests	
Raising rat by the tail	3
1 Flexion of forelimb	
1 Flexion of hindlimb	
1 Head moved >10° to vertical axis within 30 sec	
Placing rat on the floor (normal=0; maximum=3)	3
0 Normal walk	
1 Inability to walk straight	
2 Circling towards the paretic side	
3 Fall down to the paretic side	
Sensory tests	2
1 Placing test (visual and tactile test)	
2 Proprioceptive test (deep sensation, pushing the paw against the table edge to stimulate limb muscles)	
Beam balance tests (normal=0; maximum=6)	6
0 Balances with steady posture	
1 Grasps side of beam	
2 Hugs the beam and one limb drop from the beam	
3 Hugs the beam and two limbs drop from the beam, or spins on beam (>60 sec)	
4 Attempts to balance on the beam but falls off (>40 sec)	
5 Attempts to balance on the beam but falls off (>20 sec)	
6 Falls off: No attempt to balance or hang onto the beam (<20 sec)	
Reflexes absent and abnormal movements	4
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	
Maximum points	18
One point is awarded for the inability to perform the tasks or for the lack of a tested reflex; 13-18 indicates severe injury; 7-12 indicates moderate injury; 1-6 indicates mild injury.	