## Supplementary Table 1. Modified neurological severity score points.

| Test                                                                 | Points |
|----------------------------------------------------------------------|--------|
| Motor tests                                                          |        |
| 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 paretic side                                         | 2      |
| Falls down to paretic side                                           | 3      |
| Sensory tests                                                        |        |
| 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 (60 s)   | 3      |
| Attempts to balance on beam but falls off (40 s)                     | 4      |
| Attempts to balance on beam but falls off (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     |

One point is awarded for inability to perform the tasks or for lack of a tested reflex: 13–18, severe injury; 7–12, moderate injury; 1–6, mild injury.