**Supplementary Table 4.** Neurobehavioral assessments used in included studies

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author (Year)** | **Motor** | | | | **Cognitive** | | | **Compiled Scores** | | **Electric** | |
| **Cylinder Rearing** | **Rotarod** | **Staircase** | **Adhesive Removal** | **Water Maze** | **Novel Object/**  **Object in Place** | **Open Field** | **mNSS** | **Longa Score** | **EEG Seizure Burden** | **fEPSP** |
| Cameron (2015) | X |  | X |  |  |  |  |  |  |  |  |
| Ding (2014) |  |  |  |  | X |  |  |  |  |  |  |
| Donega (2013) | X |  |  |  |  | X |  |  |  |  |  |
| Donega (2014) | X |  |  |  |  |  |  |  |  |  |  |
| Donega (2015) | X |  |  |  |  | X |  |  |  |  |  |
| Gu (2015) |  |  |  |  | X |  |  |  |  |  |  |
| Gu (2016) |  |  |  |  | X | X |  |  |  |  | X |
| Jellema (2013) |  |  |  |  |  |  |  |  |  | X |  |
| Kim (2012) | X | X |  |  |  |  |  |  |  |  |  |
| Lee (2010) | X | X |  |  |  |  |  |  |  |  |  |
| van Velthoven (2010)A | X |  |  |  |  |  |  |  |  |  |  |
| van Velthoven (2010)B | X | X |  |  |  |  |  |  |  |  |  |
| van Velthoven (2010)C | X |  |  |  |  |  |  |  |  |  |  |
| van Velthoven (2012) | X |  |  |  |  |  |  |  |  |  |  |
| van Velthoven (2013) | X |  |  | X |  |  |  |  |  |  |  |
| Xia (2010) |  |  |  |  |  |  |  | X |  |  |  |
| Zhang (2014) |  | X |  |  | X |  |  |  | X |  |  |
| Zhou (2015) |  |  |  |  | X | X |  |  |  |  | X |
| Zhu (2014) | X |  |  |  |  |  | X |  |  |  |  |