**Additional file 1: Table S1**

|  |  |  |  |
| --- | --- | --- | --- |
| **general** | **PINK1 patient** | **I368N #1** | **I368N #2** |
| **information** |  |  |  |
|   | age of onset | 28 | 33 |
| **phenotype** | laterality | + | + |
|   | bradykinesia | + | + |
|   | activation tremor | - | - |
|   | resting tremor | + | + |
|   | postural instability | + | - |
|   | rigidity | + | + |
|   | gait difficulties | + | + |
|   | gaze palsy | - | - |
|   | cerebellar sign | - | - |
|   | oculogyric crisis | - | - |
|   | RBD | - | - |
|   | depression/ anxiety | - | - |
|   | hallucination | - | - |
|   | dysautonomia | + | + |
|   | significant cognitive impairment or dementia | - | - |
|   | response to anti-parkinsonism therapy | + | + |
| **past history** | stroke/stepwise deterioration | - | - |
|   | head injury | - | - |
|   | loss of consciousness | - | - |
|   | encephalitis | - | - |
|   | neuroleptic treatment at time of symptom onset | - | - |
| **other** | Hohn & Yahl | 3 | 3 |
|   | MMSE | 28 | 29 |
|   | handedness | right | right |
|   | DBS  | - | - |