**Table S3:** Controls and patients clinical and pathological characteristics.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Identifier | Gender | Age | Clinical information | Tau and Aβ pathology[7] | Lewy pathology[26] | TDP-43 pathology[27] |
| 17N00233 | M | 25 | Control (BH) | - | - | - |
| 18N00117 | F | 48 | Control (AMOF) | - | - | - |
| 18N00032 | M | 70 | Control (AMOF) | - | - | - |
| 18N00040 | F | 86 | Dementia | A3-B3-C3 | - | - |
| 18N00132 | F | 66 | Dementia | A4-B5-C3 | - | - |
| 18N00068 | F | 58 | Parkinsonism | A4-B5-C3 | Stage 4 | - |
| 17N00238 | M | 74 | Parkinsonism | A2-B3-C3 | Stage 5 | - |
| 15N00204 | M | 60 | Dementia | A0-B1-C0 | - | Type B |
| 11N00054 | M | 85 | Dementia | A1-B1-C1 | - | Type C |

AMOF: Acute Multiple Organ Failure, BH Brain Hemorrhage.