

Supplementary table I. Summary of AD patients and controls subjects.

| Patients | Age | Gender | Brain region | Braak TAU |
|----------|-----|--------|-----------------------|--------------------------------|
| AD1 | 80 | Female | FC and ERH | 5 |
| AD2 | 84 | Female | FC and ERH | 5 |
| AD3 | 79 | Female | FC and ERH | 6 |
| AD4 | 81 | Female | FC and ERH | 6 |
| AD5 | 87 | Male | FC and ERH | 5 |
| AD6 | 92 | Male | FC and ERH | 6 |
| AD7 | 81 | Male | FC and ERH | 5 |
| AD8 | 87 | Female | FC and ERH | 6 |
| AD9 | 86 | Female | FC and ERH | 5 |
| AD10 | 62 | Male | FC and ERH | 5 |
| AD11 | 83 | Female | ERH | Unknown |
| Controls | | | | Systemic diseases |
| C1 | 56 | Male | ERH | Unknown |
| C2 | 48 | Female | ERH | Unknown |
| C3 | 63 | Male | ERH | Adenocarcinoma of the pancreas |
| C4 | 55 | Female | ERH | Arterial hypertension |
| C5 | 62 | Female | ERH | Myelodysplastic syndrome |
| C6 | 84 | Male | ERH | Cardiomyopathy |
| C7 | 37 | Female | ERH | Sepsis |
| C8 | 54 | Male | ERH | Ischemic cardiopathy |
| C9 | 59 | Female | ERH | Acute pancreatitis |
| C10 | 53 | Male | FC ERH MD SC | Unknown |
| C11 | 78 | Male | FC ERH MD SC | Unknown |
| C12 | 74 | Female | FC ERH MD SC | Unknown |
| C13 | 83 | Female | FC ERH MD SC | Unknown |
| C14 | 89 | Male | GFS | Urosepsis |
| C15 | 90 | Female | GFS | Possible infection |
| C16 | 87 | Male | CP | Unknown |

FC: Frontal cortex; ERH : Entorhinal cortex; MD: Medulla; SC: Spinal cord; GFS: Superior Frontal cortex; PC: Parietal cortex