Supplementary Table. Details of analyzed AD mouse models in studies with multiple models and phases.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Study (Data set)** | **Mouse Model** | **Early Phase** | | **Late Phase** | |
| **Samples** | **M/F** | **Samples** | **M/F** |
| GSE64398 (Cummings et al., 2015; Matarin et al., 2015b) | TAS10 | 6 | 6/0 | 7 | 7/0 |
| TPM | 14 | 14/0 | 0 | 0/0 |
| TASTPM | 12 | 12/0 | 19 | 19/0 |
| TAU | 7 | 7/0 | 4 | 4/0 |
| Control | 39 | 39/0 | 27\* | 27/0 |
| GSE48622 (Li et al., 2010) | Aplp2 KO | 4 | 4/0 | N/A | |
| App KO | 4 | 4/0 |
| App/Aplp2 double-conditional KO (NdC-KO) | 4 | 4/0 |
| Control | 4 | 4/0 |
| GSE63617 (D’Onofrio et al., 2011) | Anti-NGF AD11 (AD11) | 10 | 0/10 | 5 | 0/5 |
| Control | 10 | 0/10 | 5 | 0/5 |

KO: Knock-out models

M/F: number of male/female samples

\*27 control samples of 4-, 8-, and 18-month-old were used as age-matched controls in both early and late phases in data set GSE64398.