**Supplementary Material**

**Superior Frontal Gyrus *TOMM40-APOE* Locus DNA Methylation in Alzheimer’s Disease**

**Supplementary Table 1.** Cohort characteristics stratified by *APOE* ε4 status.

|  |  |  |
| --- | --- | --- |
|  | ***APOE* ε4 status** |  |
| **Variable**  | **Carrier (n = 22)** | **Non-carrier(n = 44)** | **p (test statistic)** |
| **Age at death, y (SD)**  | 86.8 (7.4) | 87.8 (5.4) | 0.516 (t = 0.652) |
| **Females, n (%)**  | 17 (77) | 29 (66) | 0.405 |
| **Postmortem delay, h (SD)a**  | 79.1 (39.3) | 72.3 (45.7) | 0.582 (t = 0.553) |
| **Whole brain weight, g (SD)b**  | 1241 (125.2) | 1189 (144.9) | 0.244 (t = 1.182) |

aData available in: carrier n = 19, non-carrier n = 39
bData available in: carrier n = 16, non-carrier n = 26

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**Supplementary Figure 1**. Correlation matrix between *TOMM40* CpG island, *APOE* promoter region, and *APOE* CpG island methylation, ApoE protein, and neuropathological scores (Thal, Braak, and CERAD). Results presented are Spearman correlation coefficient values. N = 46-66.