**Supplemental Data** 

## Induction of the unfolded protein response and cell death

## pathway in Alzheimer's disease, but not in aged Tg2576 mice

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## Methods

## Human brain tissue

Frozen tissues from 8 cases of AD and 4 cases of age-matched control were obtained from Boston University Alzheimer's Disease Center (Dr. Ann C. Mckee). AD was diagnosed according to clinical and neuropathological criteria (Supplemental Data Table S1).

Table S1. Case demographics

CASE	GROUP	Age/Sex (years)	PMI (h)	Neuropathological diagnosis	braak and braak stage	Cause of death
1	Control	66/M	8.5	Normal	•	sepsis
2	Control	85/M	19	Normal	•	sepsis
3	Control	73/M	17	Normal	•	unknown
4	Control	53/M	7	Normal	•	myocardial infarction
5	AD	71/M	14.5	AD	VI	unknown
6	AD	81/M	6	AD	Ι	urosepsis
7	AD	80/M	8.5	AD	VI	pneumonia
8	AD	77/M	10	AD	III	pneumonia
9	AD	70/M	3	AD	VI	urosepsis
10	AD	79/M	7	AD	VI	carcinoma of stomach
11	AD	74/M	7	AD	VI	congestive heart failure
12	AD	83/M	12	AD	VI	pneumonia

Note: PMI, postmortem interval