

S3 Table Effects of TSA on memory of 7-month-old APP/PS1 mice in spatial probe trials (mean \pm SE).

Group	n	Latency (s)	Frequency of platform crossings	Time ratio of target quadrant (%)
WT control	5	21.440 \pm 1.224##	1.800 \pm 0.583#	22.880 \pm 2.121#
APP/PS1 TG	5	56.372 \pm 3.491**	0.400 \pm 0.245*	13.300 \pm 3.663*
30 mg/kg TSA	5	18.282 \pm 4.089##	3.000 \pm 0.894#	17.454 \pm 0.780
60 mg/kg TSA	5	19.082 \pm 3.718##	2.000 \pm 0.775#	21.718 \pm 2.256#

Note: * p <0.05, ** p <0.01 vs WT control group; # p <0.05, ## p < 0.01 vs APP/PS1 transgenic group.