

S2 Table Effects of TSA on escape latency of APP/PS1 mice in the spatial navigation trials (mean \pm SE).

Group	n	Escape latency				
		1 st day	2 nd day	3 rd day	4 th day	5 th day
WT control	5	45.294 \pm 6.876	53.406 \pm 4.100	41.140 \pm 6.409	23.568 \pm 5.102	23.810 \pm 6.296##
APP/PS1 TG	5	50.009 \pm 6.701	49.170 \pm 3.795	48.128 \pm 4.918	41.064 \pm 7.125	43.676 \pm 4.453**
30 mg/kg TSA	5	45.984 \pm 4.266	49.398 \pm 4.817	27.712 \pm 3.520	26.240 \pm 4.902	23.780 \pm 4.349##
60 mg/kg TSA	5	57.090 \pm 2.151	47.110 \pm 4.710	34.697 \pm 7.006	33.382 \pm 6.076	27.542 \pm 2.263#

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