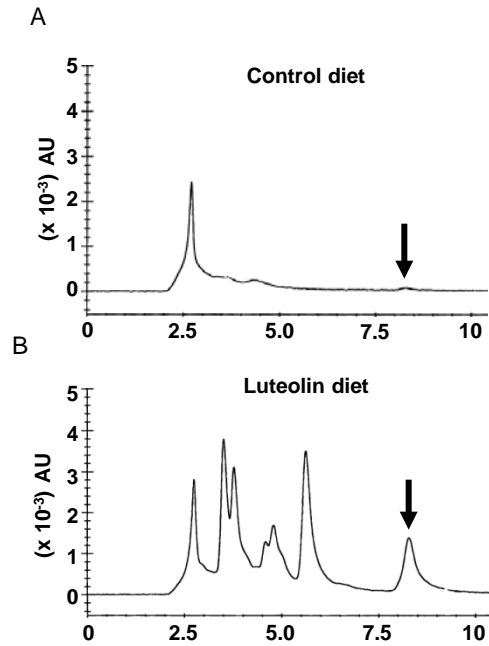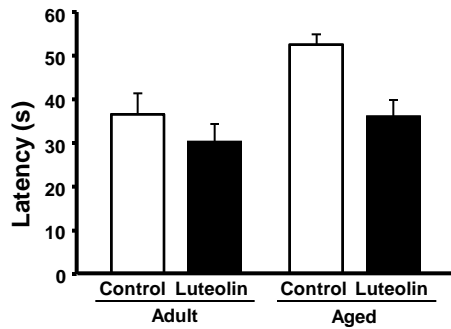**Supplemental Figure 1. HPLC chromatograms.** After cognitive testing, blood was collected and luteolin in plasma of mice receiving control (A) or luteolin-supplemented diets (B) was analyzed by HPLC. Detection was accomplished using the Dionex ED50 electrochemical detector fitted with a conductivity detector. Arrows indicate luteolin peak.

Supplemental Figure 2. Latency to find the hidden platform in the reversal test.
After 6 days of acquisition training, mice were evaluated in a reversal test. The
latency to find the relocated platform was measured. Two-way ANOVA revealed main
effects of age ($p<0.01$) and diet ($p<0.01$). Bars represent means $\pm$ S.E.M. (n=12-14).
Means with different letters are significantly different ($p<0.05$).