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 ± S.E.M. (n=12-14). Means with different letters are significantly different (p<0.05).