**AS mice show no deficits in cued conditioning.** Cued conditioning test was used to assess whether the contextual conditioning phenotype of the AS mice was hippocampus-dependent. Cued conditioning did not reveal any difference between the different mutants, indicating that the contextual phenotype found in AS mice is indeed hippocampus-dependent ($F_{3,34} = 0.6$, $P=0.6$ repeated measures ANOVA). Error bars represent SEM.