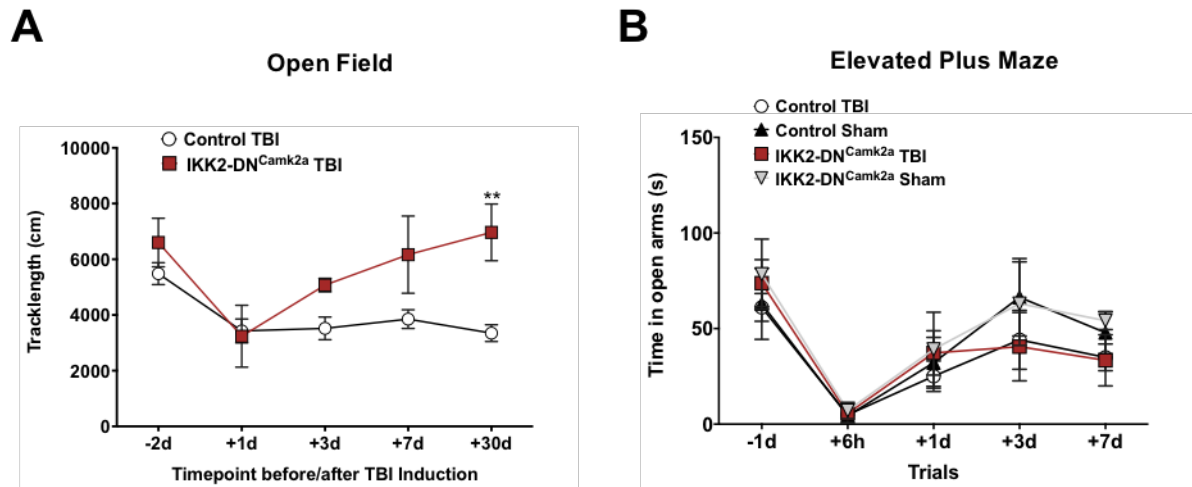


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Supplementary Figure 4



Characterization of anxiety-like behaviors of IKK2-DN^{Camk2a} mice post TBI.

(A) Open field (OF) test shows that IKK2-DN^{Camk2a} mice develop a hyperactive phenotype 30d post TBI, as these mice traveled significantly longer distances compared to control littermates. Diagrams show mean \pm SEM, statistical analysis: 2-way-ANOVA followed by Bonferroni's post test (n=4-9), **p < 0.01.

(B) Elevated plus maze (EPM) test shows that TBI animals spent less time exploring the open arms than sham animals 3 and 7d post TBI, however no difference between the genotypes can be seen. Diagram shows mean \pm SEM, statistical analysis: 2-way-ANOVA followed by Bonferroni's post test (n=3-6).