

## Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: **aIC glutamatergic neuron activity in the elevated plus maze test (EPM)**. Real-time recording of calcium signal in aIC neurons of a representative mouse injected with AAV<sub>9</sub>-CaMKII $\alpha$ -GCaMP6f-WPRE in the aIC, during exploration of the EPM.

File Name: Supplementary Movie 2

Description: **aIC-BLA neuronal activity in the elevated plus maze test (EPM)**. Real-time recording of calcium signal in aIC-BLA neurons of a representative mouse injected with AAV<sub>9</sub>-syn-Flex-GCaMP6m-WPRE in the aIC and CAV2-Cre in the BLA, during exploration of the EPM.