Here is the raw data in the manuscript “A simple threat detection strategy in mice”.

This manuscript contains 4 figures and 3 supplementary figures. Raw behavior data collected with the infrared touchscreen frame in each figure have been contained in the particular folder. Each txt file is the behavior data of one mouse.

The folder “fig1 examples” relates to figure 1. Showing the three remarkable behaviors in response to looming stimuli.

The folder “fig2 speed” relates to figure 2. Showing the flight, freezing and rearing responses induced by an expanding shadow with constant speed.

The folder “fig3 size” relates to figure 3. Showing the responses induced by expanding shadows with different changes in expanding size.

The folder “fig4 natural stimuli” relates to figure 4. Showing the responses induced by simulative natural visual stimuli.

The folder “figS1 defensiveResponses” relates to additional file 1, figure S1. Showing the properties of flight, freezing and rearing responses in mice.

The folder “figS2 trial 1-5” relates to additional file 2, figure S2. Showing the behavioral tendencies from the first to fifth looming stimulus.

The folder “figS3 v014” relates to additional file 3, figure S3. Showing the responses induced by the 14°/s expanding shadows with different changes in expanding size.

For the txt files, the 1st line is the beginning time of the recording.

The 2nd and 3rd lines are reserved except the last string in the 3rd line, which is a time tag.

The 4th to the last lines are touch-input data. Data from left to right are x, y, dwID, dwFlags, dwTime, cxContact, cyContact, respectively.

For the definition of the touch-input data, please see:

<https://docs.microsoft.com/en-us/windows/win32/api/winuser/ns-winuser-touchinput>