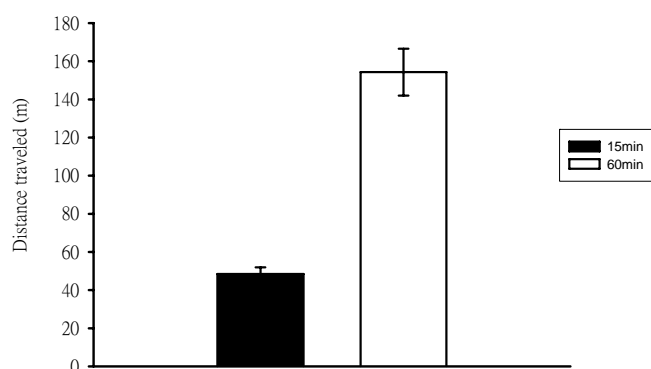
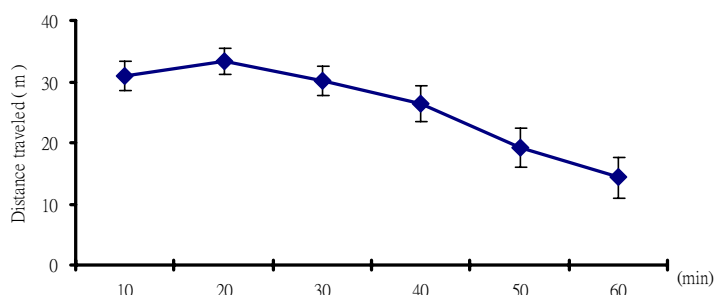


Open field activity of wild type C57BL/6JNarl mice. (A) Total distance traveled in the first 15 min and the total 60 min of testing periods. (B) Total distance traveled was displayed in 10min bins. (C-D) The frequency (events) and duration (%) of mouse showed entry in center, rear up (standing up or contracting body), and turn around behaviors in the first 15 min and total 60 min of testing period. (E) The time of mouse entry in center was displayed in 10min bins. Data are mean  $\pm$  SE. (n=10). (F) Representative video tracking in the open field test. Purple lines show the movement tracing of wild type C57BL/6JNarl mouse in the first 15 min (left panel), and the total distance traveled in the 60 min testing period (right panel).

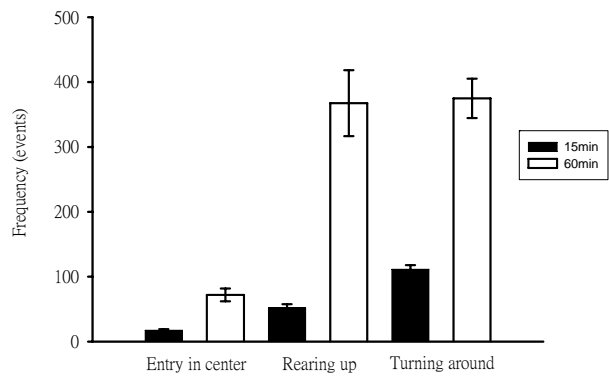
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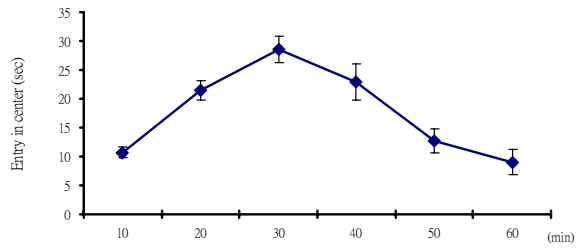
B



C



D



E

