

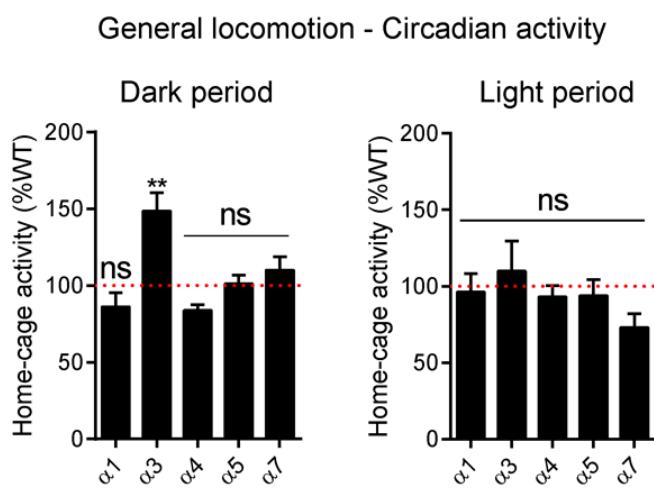
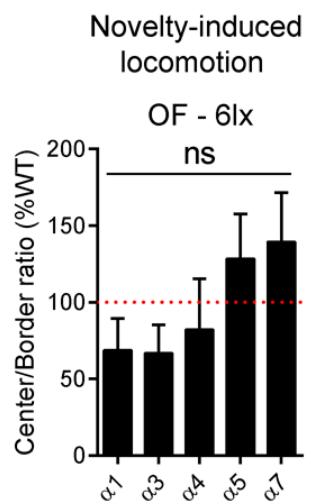
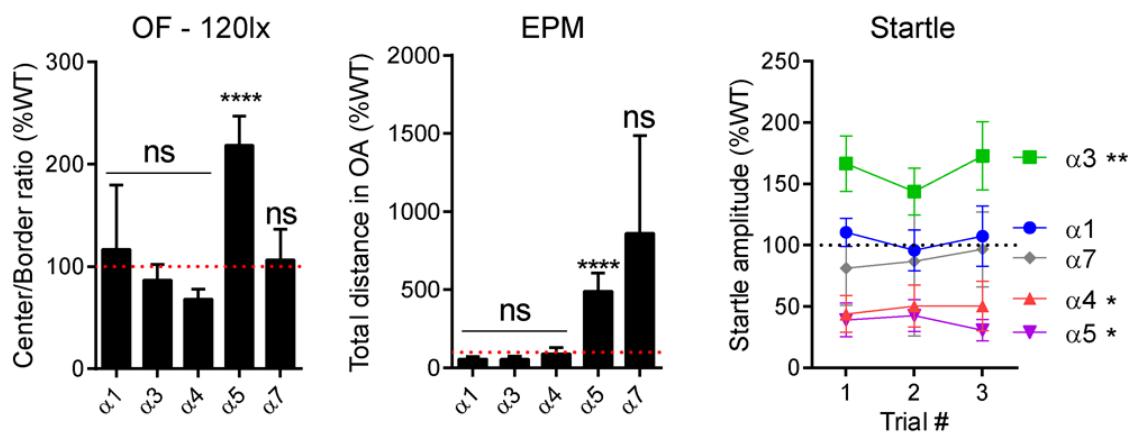
Figure 1A**Figure 1B****Figure 1C**

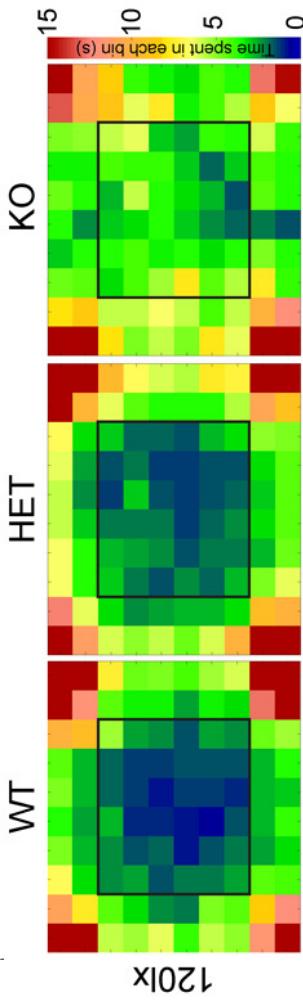
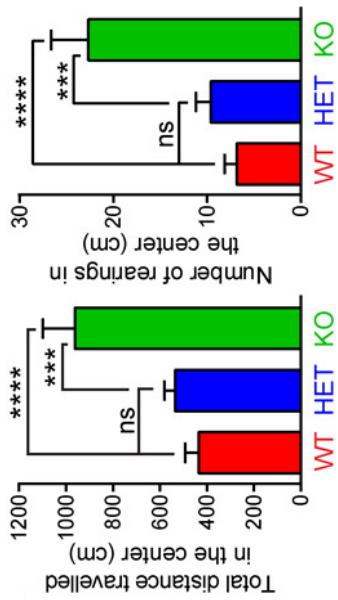
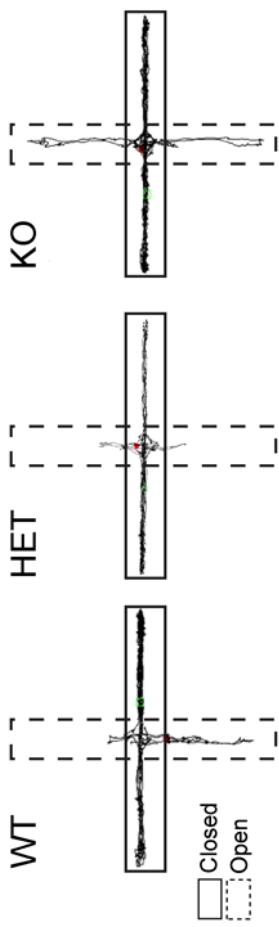
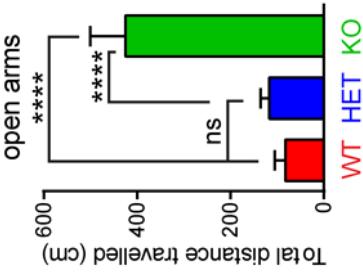
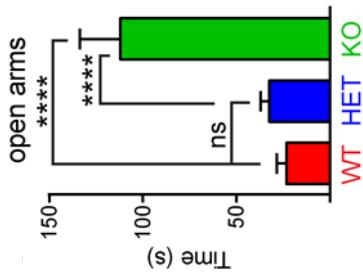
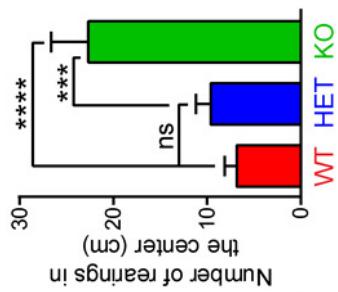
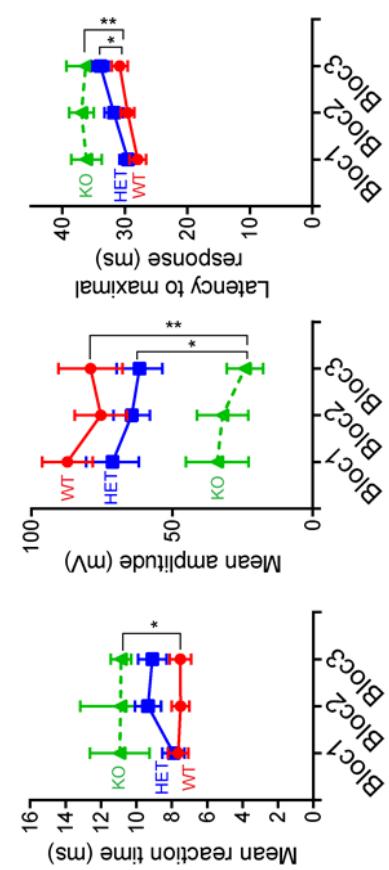
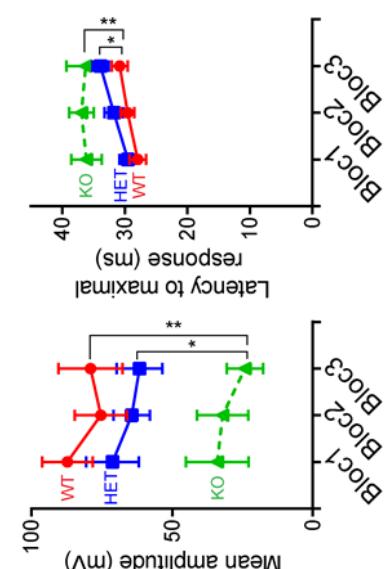
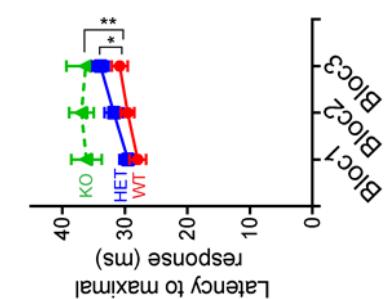
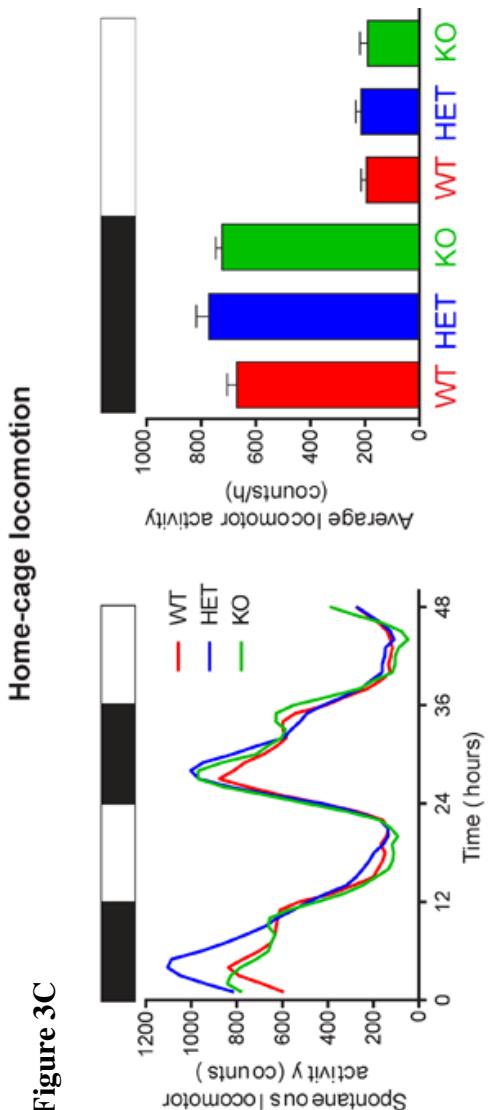
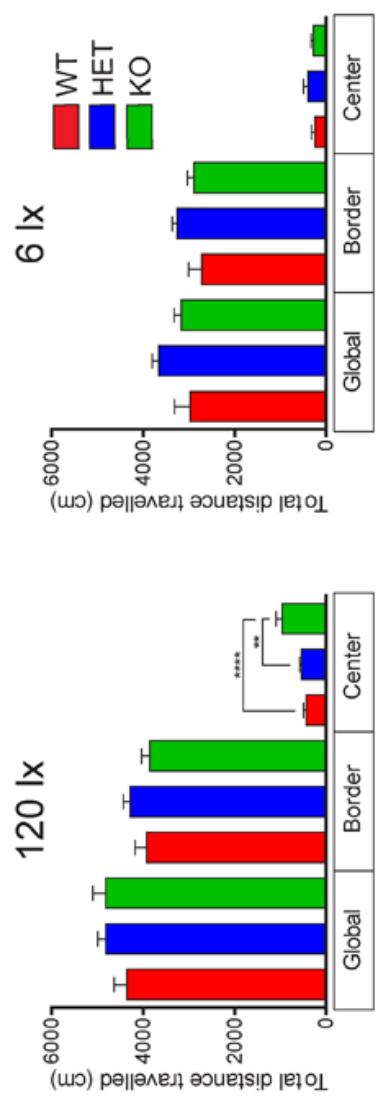
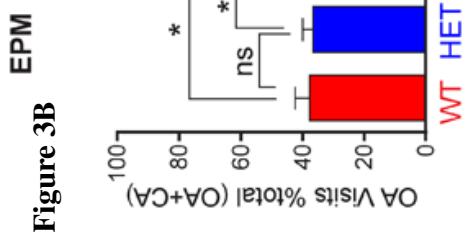
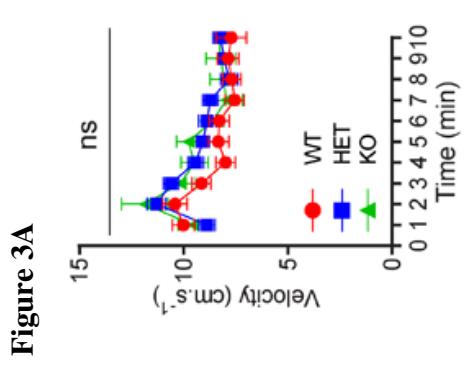
Figure 2A**Figure 2B****Figure 2D****Figure 2E****Figure 2F****Figure 2C**

Figure 2G**Figure 2H****Figure 2I**



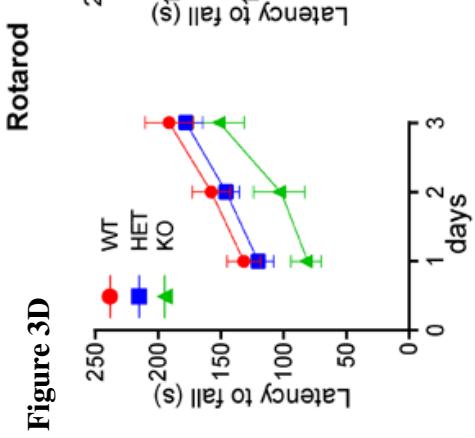


Figure 3G

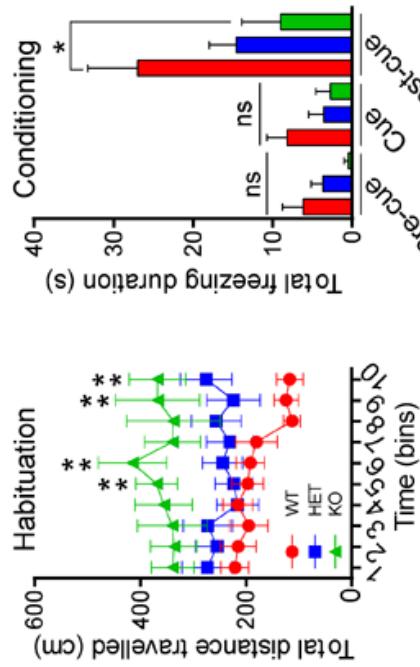


Figure 3E

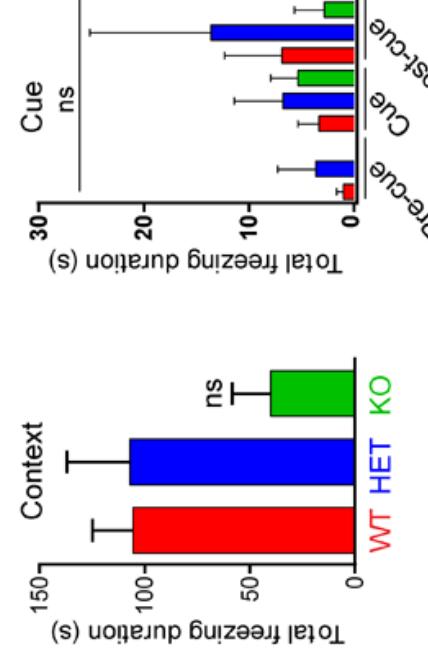
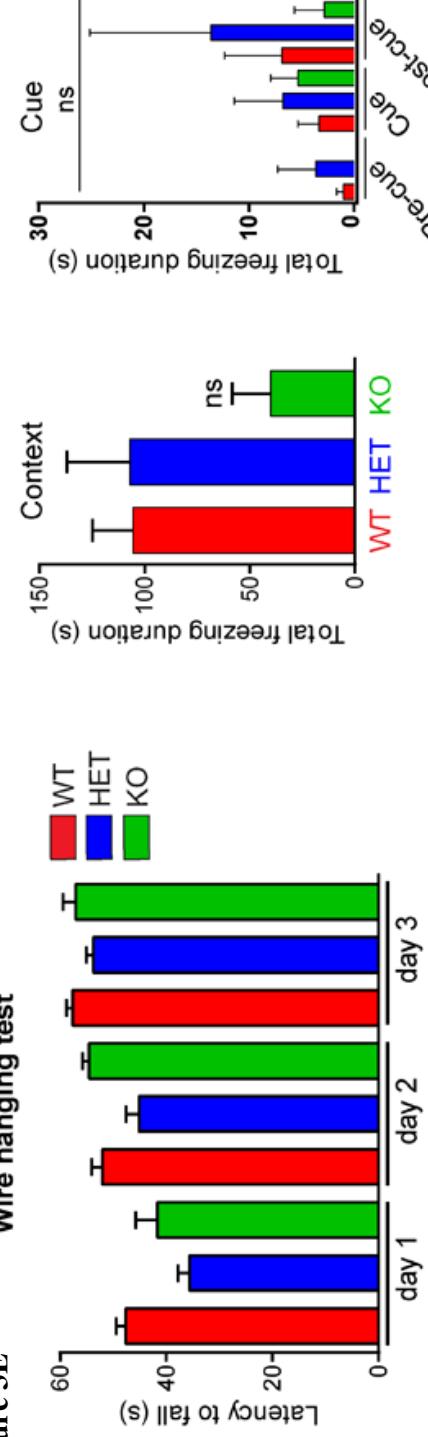


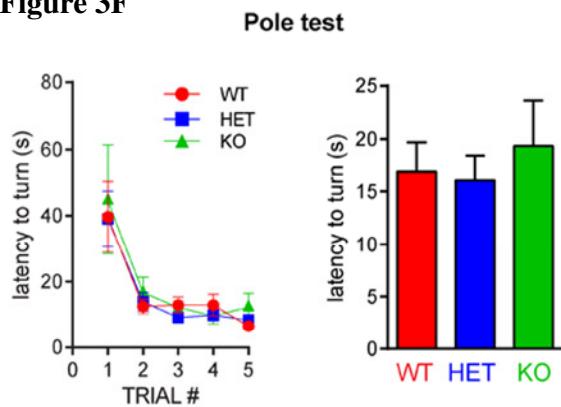
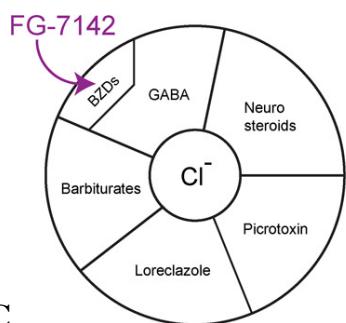
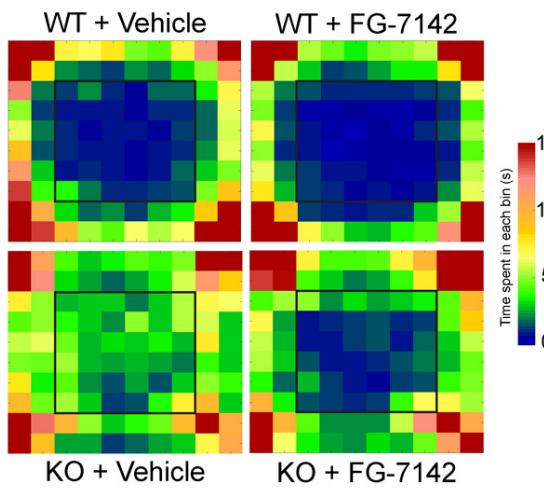
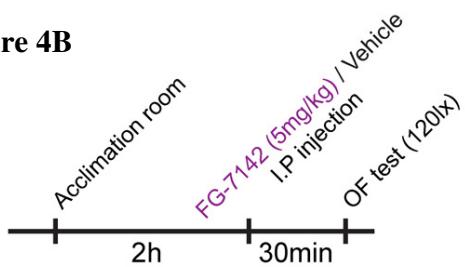
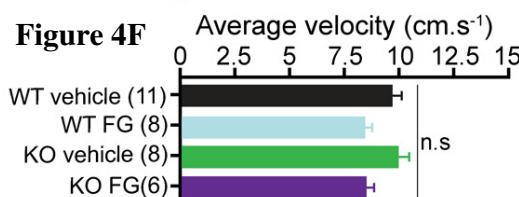
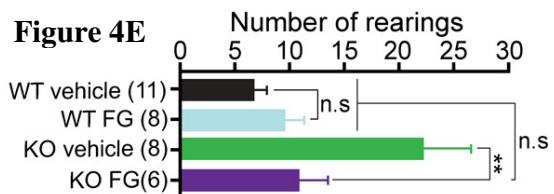
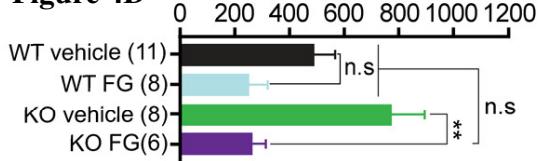
Figure 3F**Figure 4A Anxiogenic treatment****Figure 4C****Figure 4B****Figure 4D Distance travelled in center (cm)**

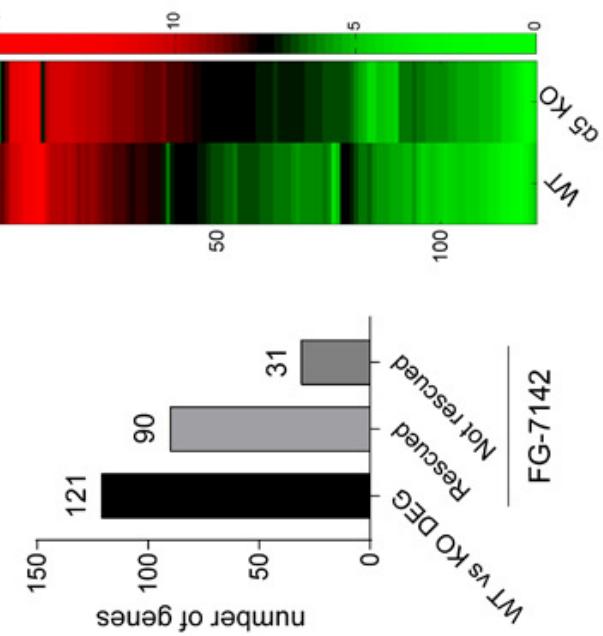
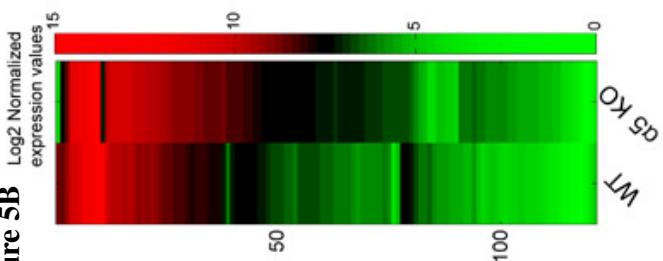
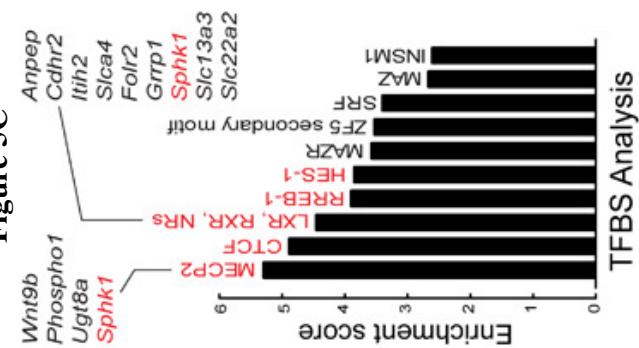
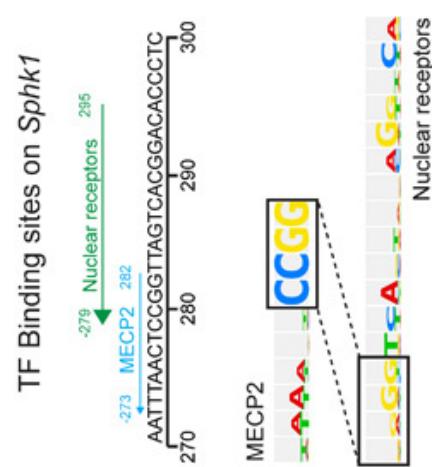
Figure 5A**Figure 5B****Figure 5C****Figure 5D**

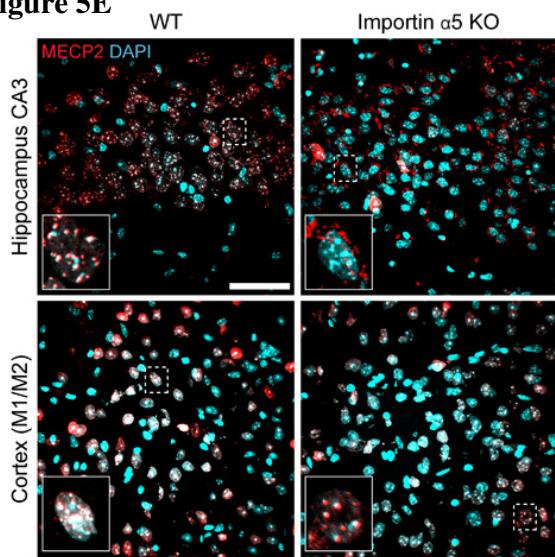
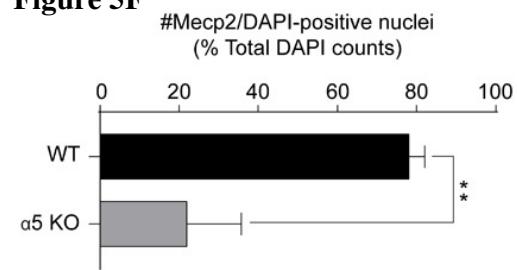
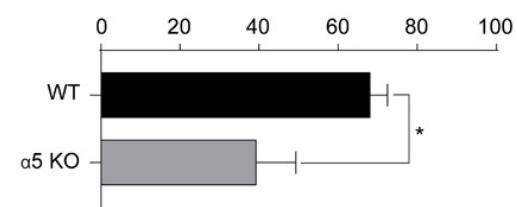
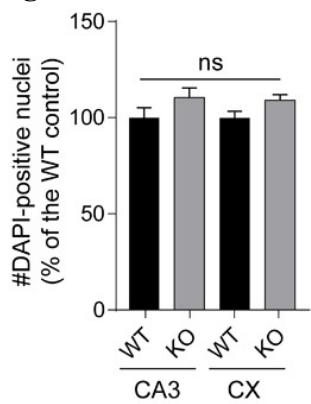
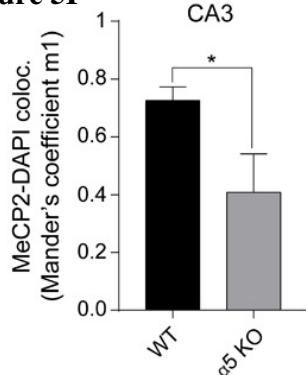
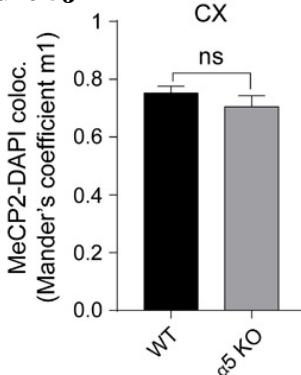
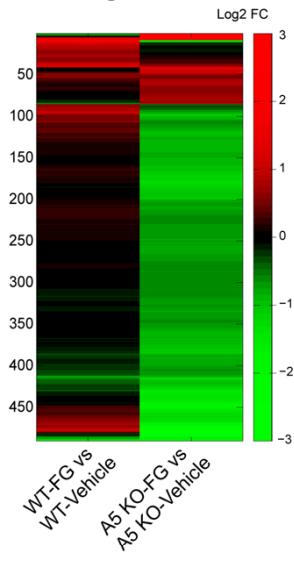
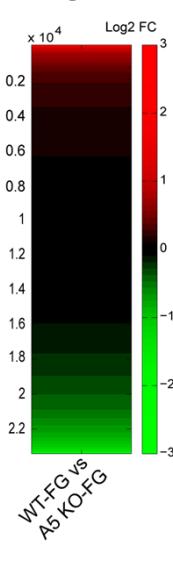
Figure 5E**Figure 5F****Figure 5G** #Mecp2/DAPI-positive nuclei (% Total DAPI counts)**Figure 5H****Figure 5I****Figure 5J**

Figure 6A**Figure 6B****Figure 6C****Top Networks (Ingenuity)**

- 1—Organismal Development, Connective Tissue Development and Function, Skeletal and Muscular System
- 2—Development and Function / Connective Tissue Disorders, Developmental Disorder, Hereditary Disorder
- 3—Cancer, Organismal Injury and Abnormalities, Reproductive System Disease
- 4—Molecular Transport, **Lipid Metabolism**, Small Molecule Biochemistry
- 5—Inflammatory Disease, Ophthalmic Disease, Organismal Injury and Abnormalities

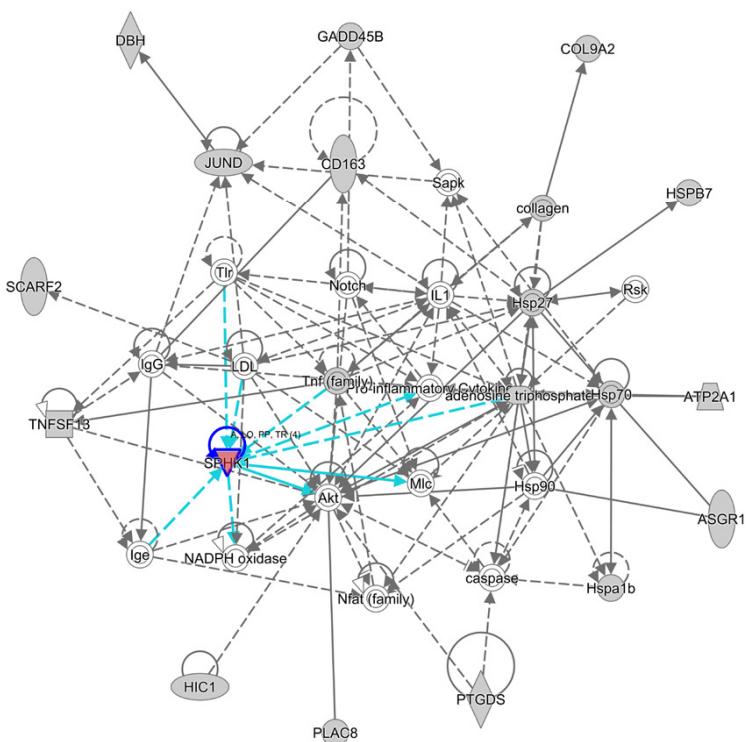
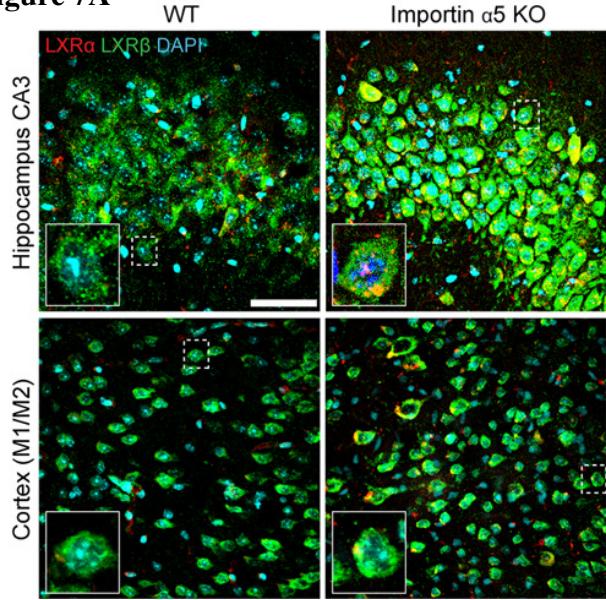
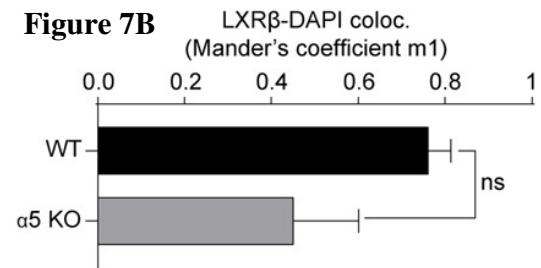
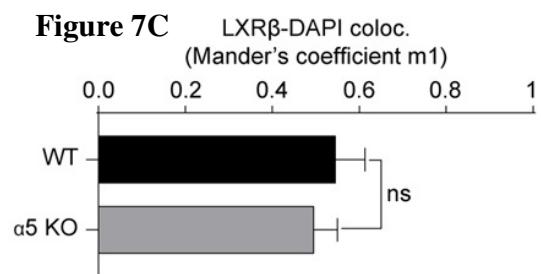
Figure 6D

Figure 7A**Figure 7B****Figure 7C**

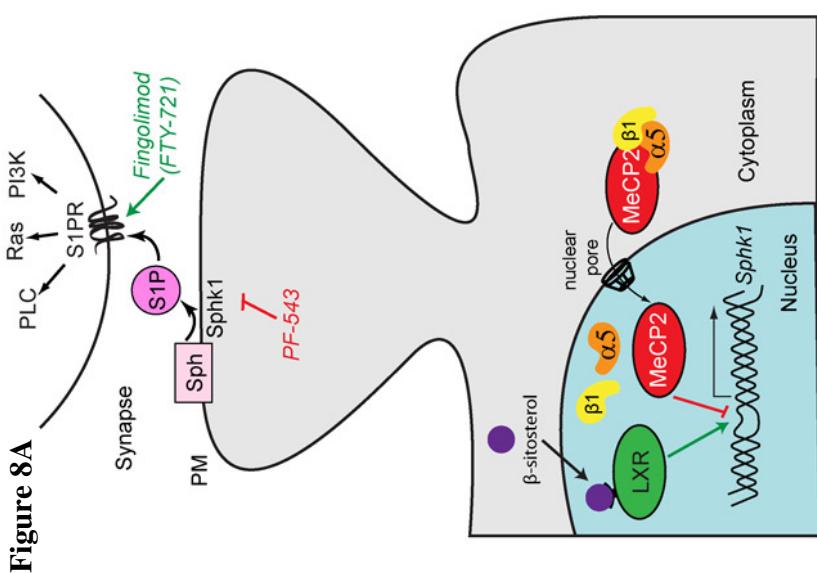
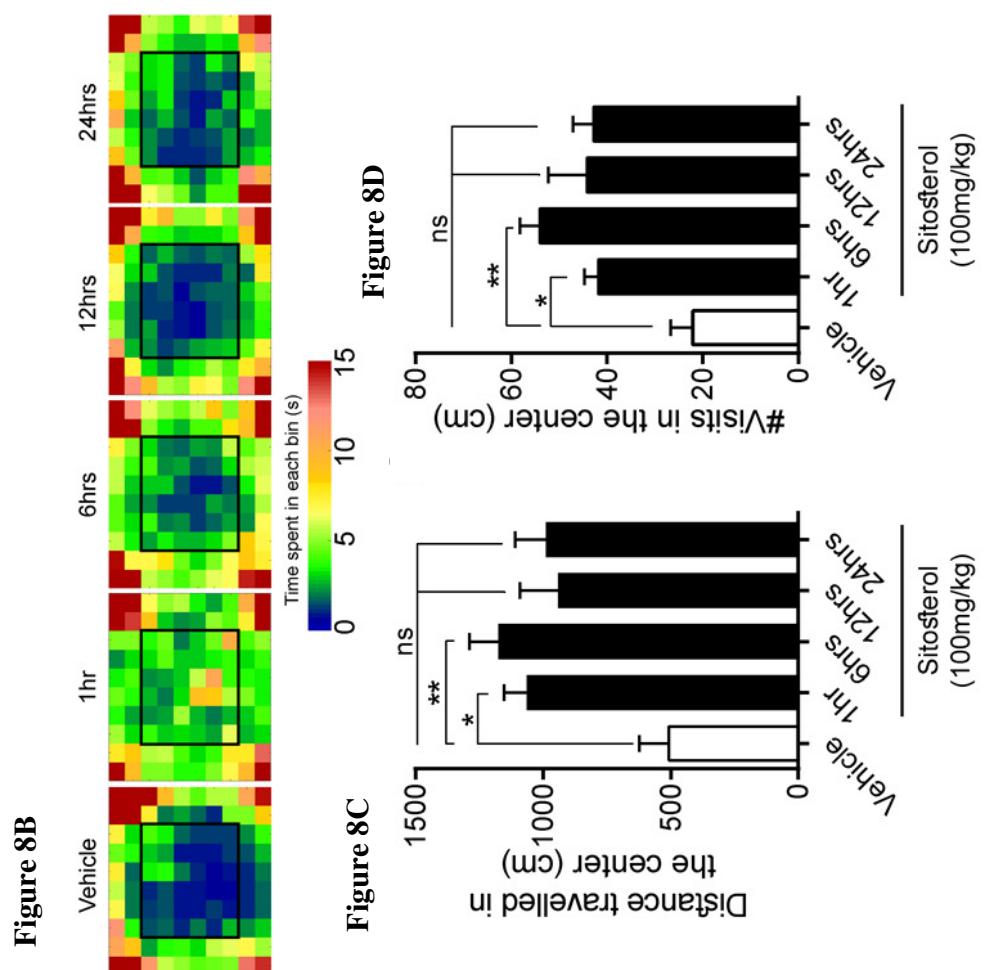
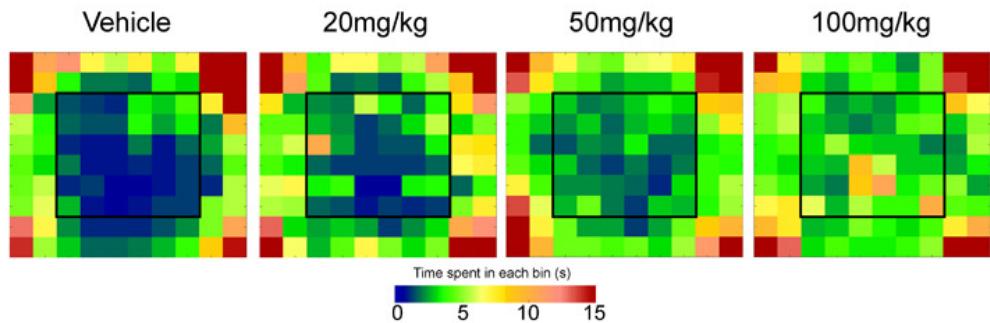
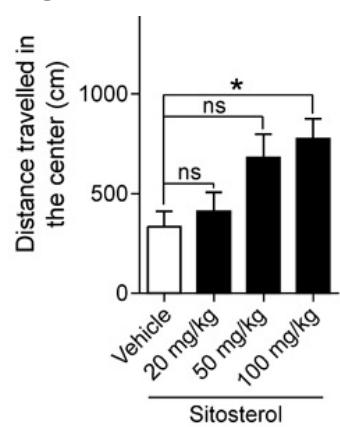
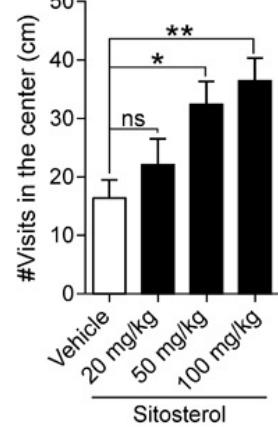
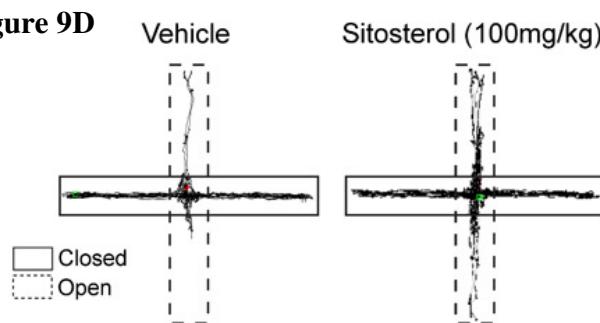
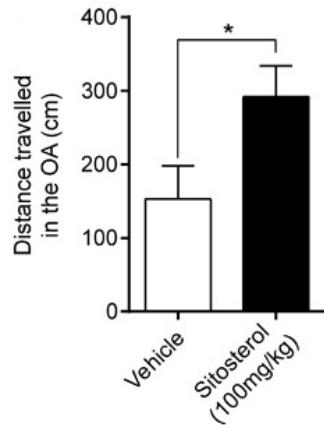
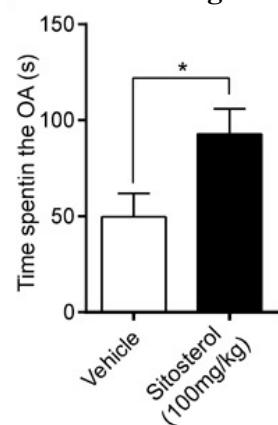
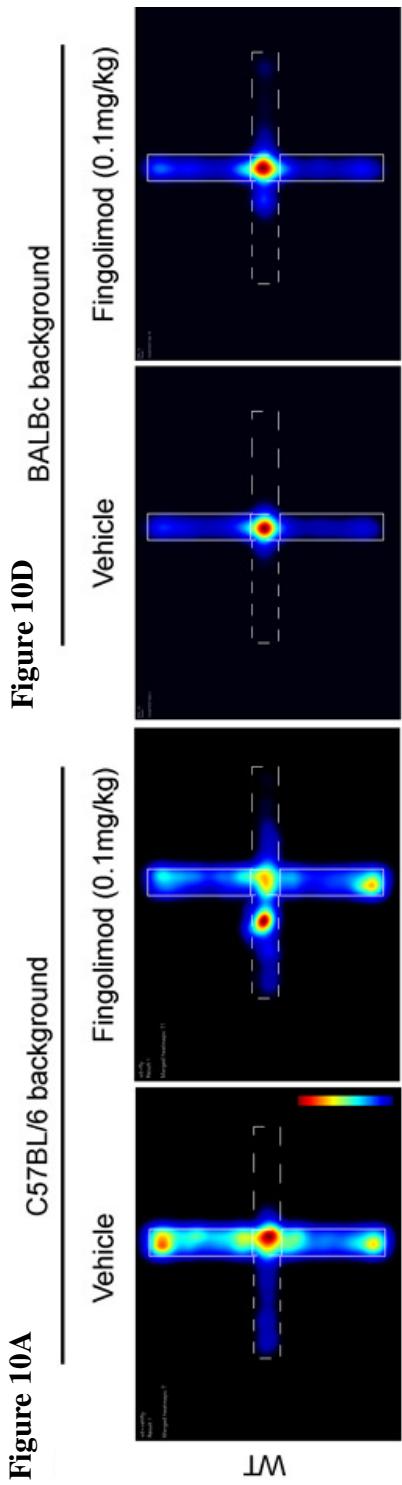
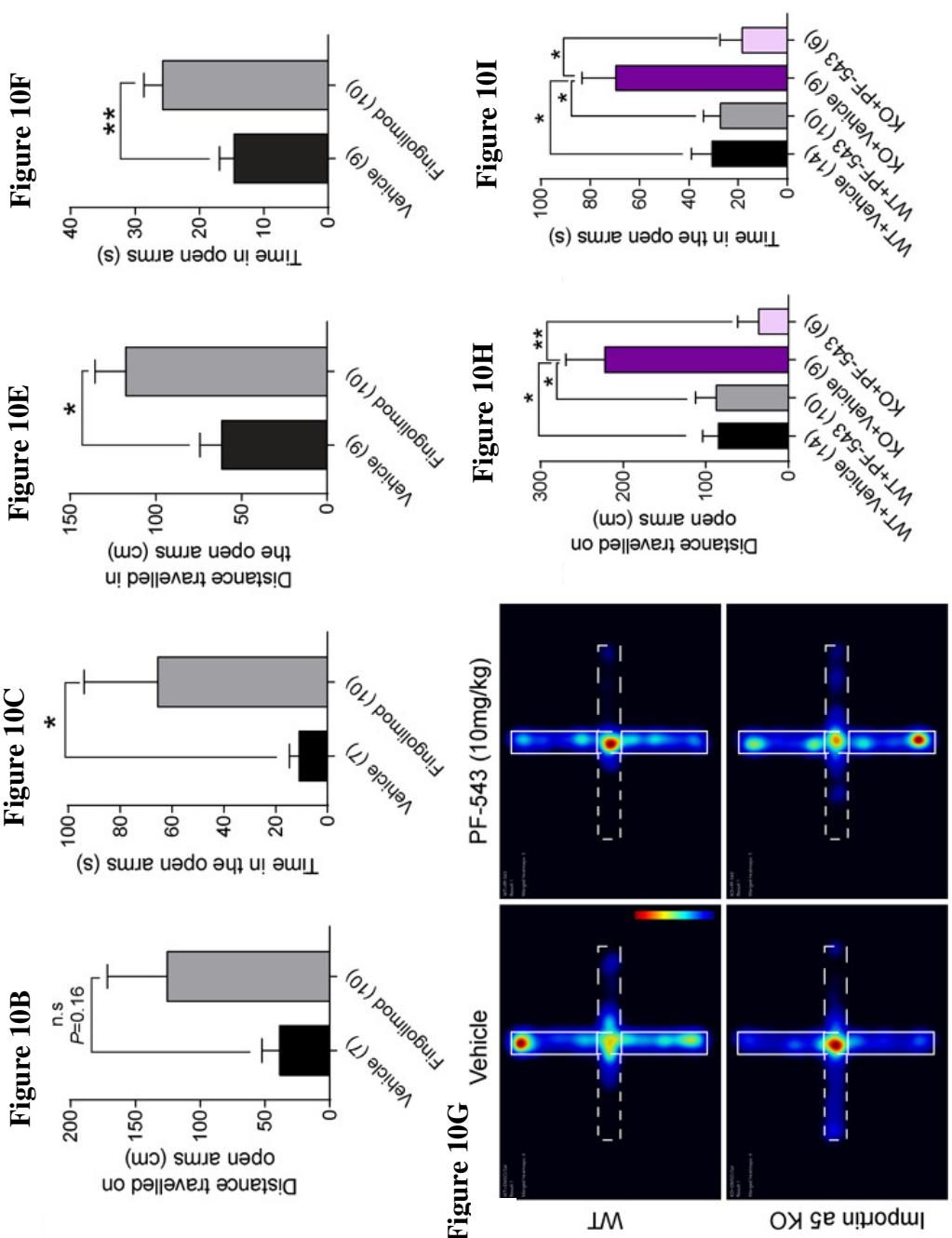


Figure 9A**Figure 9B****Figure 9C****Figure 9D****Figure 9E****Figure 9F**





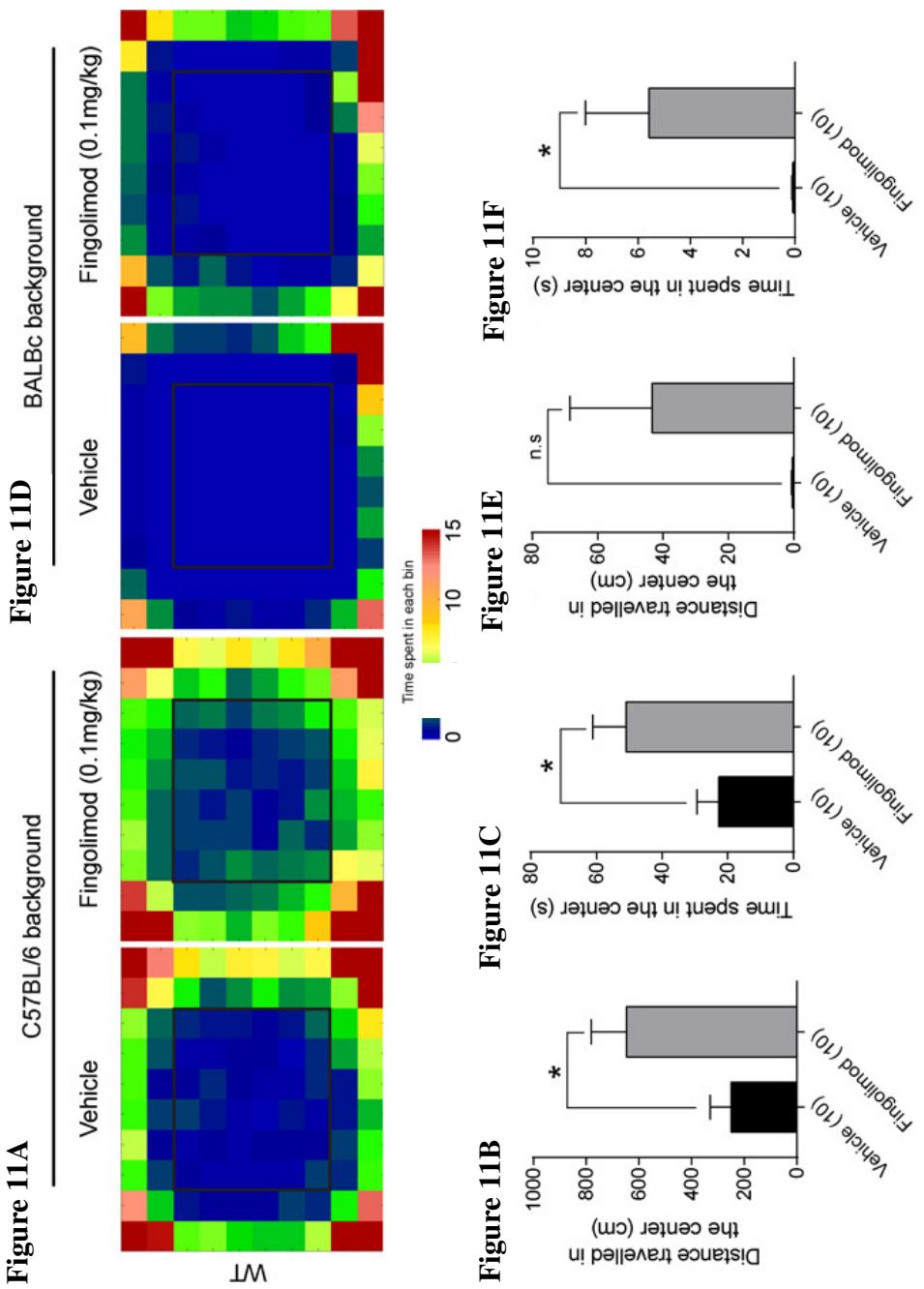


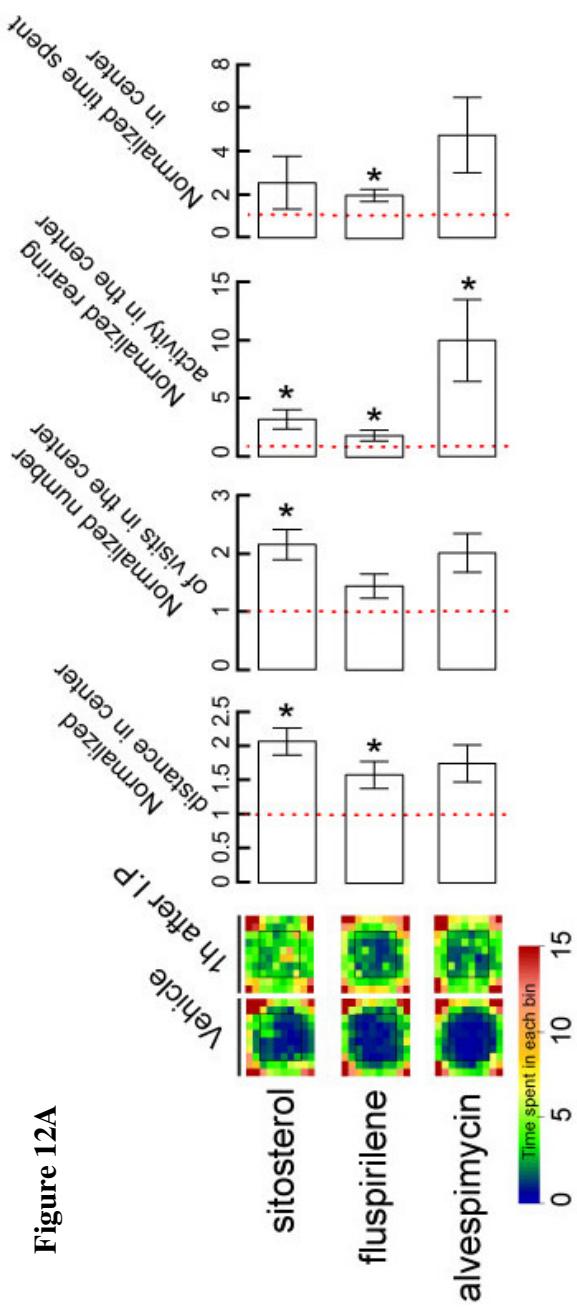
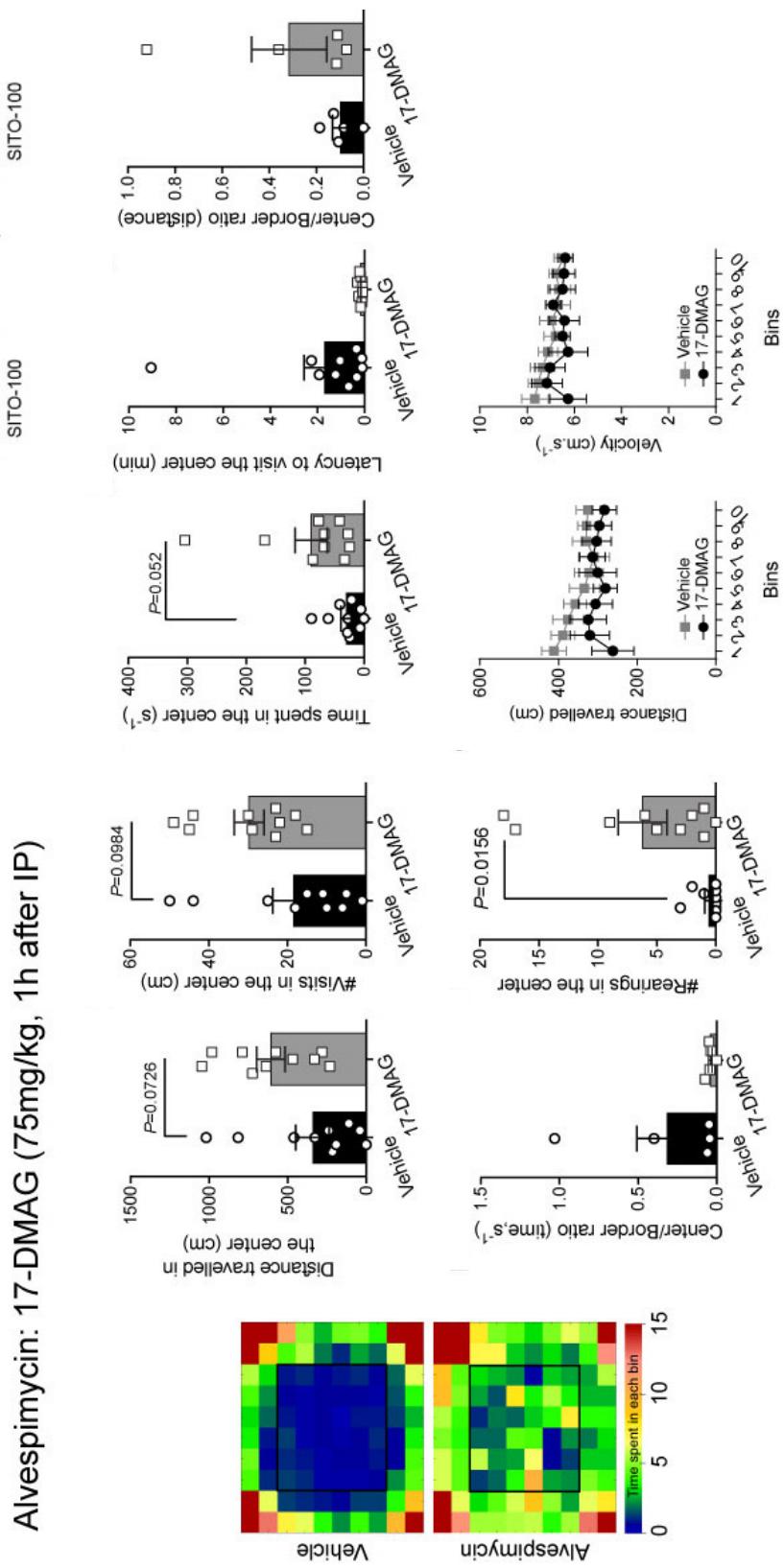
Figure 12A

Figure 12B
Alvespimycin: 17-DMAG (75mg/kg, 1h after IP)



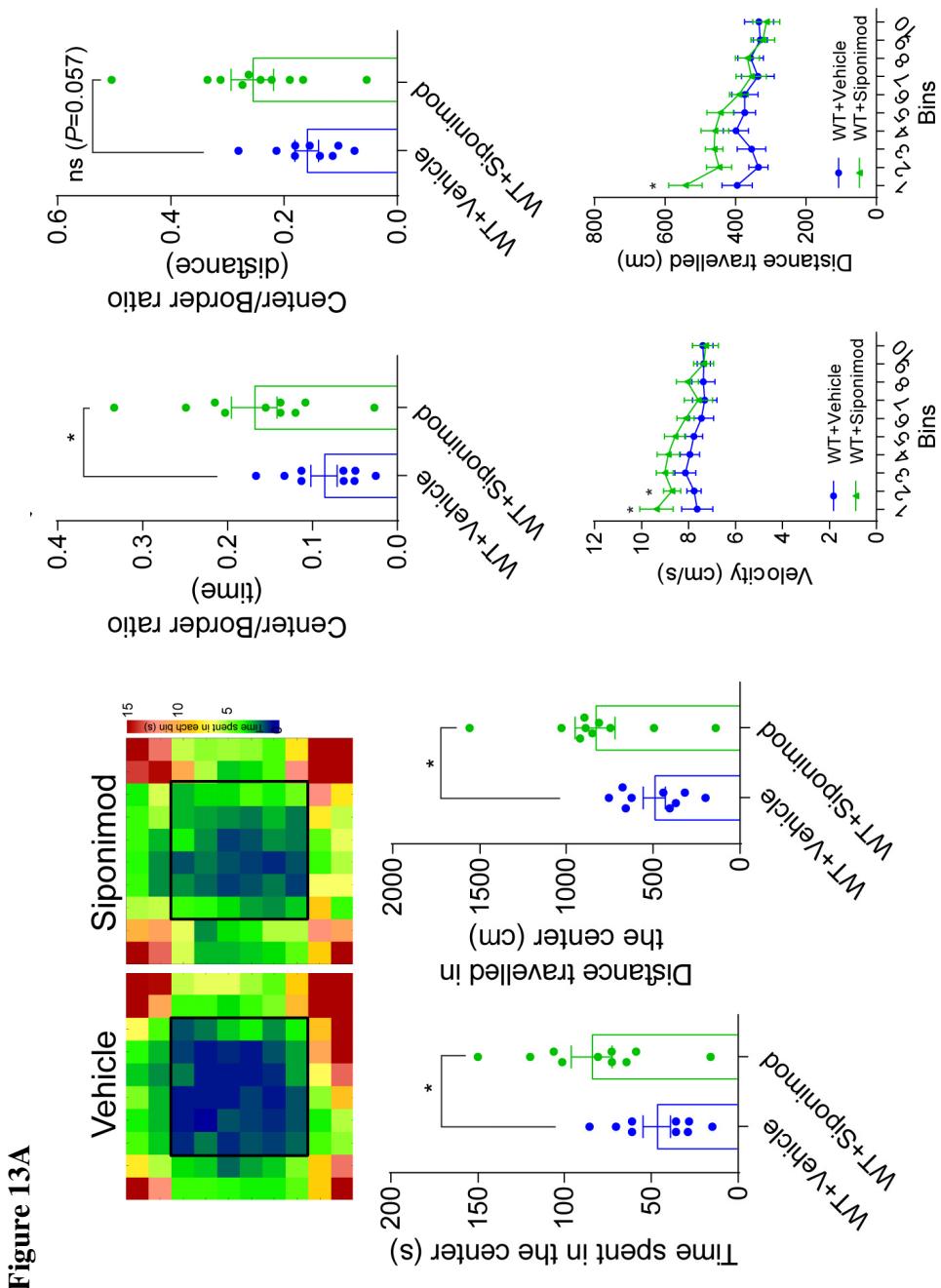


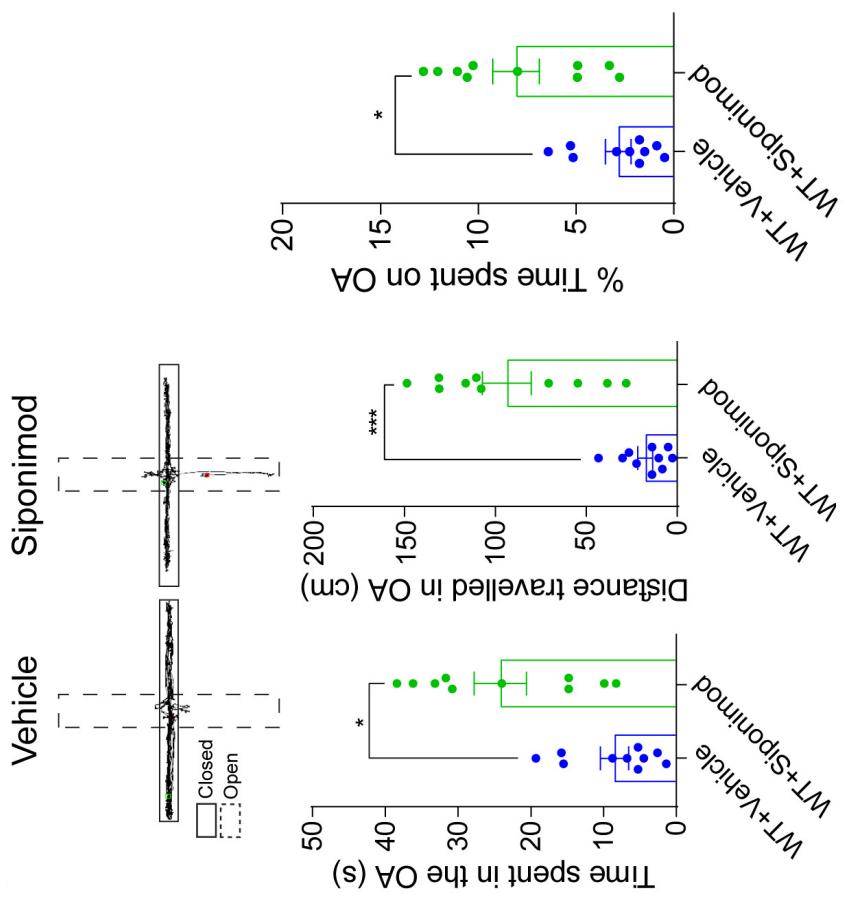
Figure 13B

Figure 14