D9 WT vs D9 KD Morphine addiction -Endometrial cancer-Acute myeloid leukemia -Cholinergic synapse -Thyroid cancer -Long-term potentiation -Transcription Prostate cancer -Melanogenesis Decreased Increased Inflammatory bowel disease (IBD) -Adherens junction -Non-small cell lung cancer-Viral myocarditis -Prolactin signaling pathway -Vibrio cholerae infection Asthma -5.0 -2.5 0.0 2.5 5.0 Genes