**Cortex Exercise** Pathway Enrichment (KEGG\_2019\_Mouse) MAPK signaling pathway Transcriptional misregulation in cancer-Hepatitis B Toxoplasmosis -Influenza A-C-type lectin receptor signaling pathway Notch signaling pathway Human papillomavirus infection -FoxO signaling pathway Measles Protein processing in endoplasmic reticulum -TNF signaling pathway-Chagas disease (American trypanosomiasis) HIF-1 signaling pathway Viral carcinogenesis -**Amoebiasis** Breast cancer-Osteoclast differentiation mTOR signaling pathway Signaling pathways regulating pluripotency of stem cells -Longevity regulating pathway-Prion diseases PI3K-Akt signaling pathway Thyroid hormone signaling pathway Tuberculosis -6 -Log(FDR)