Histidine Metabolism All SiRCle Clusters CNDP1 SLC22A3 ALDH2 DDC VAE Integrated Rank (Mean) **FTCD** -0.5 0.0 **MAOB** 0.5 1.0 AOC3 Condition Old MAOA Young SLC22A2 SLC3A1 SLC22A1 ALDH3B2 VAE integrated value