## **Oxidative Phosphorylation** All SiRCle Clusters COX4I2 NDUFV2 **NDUFA7** NDUFA12 NDUFS5 SLC25A4 COX7A2L COX6C NDUFS4 NDUFB4 NDUFA2 NDUFAB1 NDUFC1 CYC1 **NDUFB6 UQCRB** NDUFA13 **NDUFB7** COX7C **UQCRH** UCP2 **UQCRQ** COX7A2 COX6A1 UQCR10 COX4I1 NDUFB2 **NDUFB9** UQCRC1 SLC25A5 NDUFA5 UQCRFS1 NDUFC2 UQCRC2 NDUFB10 NDUFB5 COX6B1 NDUFA11 NDUFA8 COX8A NDUFS7 NDUFV3 COX5B NDUFB3 COX7B NDUFS6 NDUFA9 NDUFB8 COX5A NDUFB1 NDUFS2 NDUFS3 NDUFA10 NDUFA4 NDUFV1 NDUFS8 -1 1 2 -2

VAE integrated value

## Condition

- Old
- Young

## VAE Integrated Rank (Mean)

- -1.5
- -1.0
- -0.5
- 0.0
- 0.5
- 1.0
- 1.5