Valine, Leucine and Isoleucine Metabolism All SiRCle Clusters SLC38A1 **BCKDHA** SLC7A7 ALDH2 SLC43A2 **BCKDHB** SLC5A8 **ACADM** SLC16A7 Condition ACAT1 Old IVD Young SLC43A1 VAE Integrated Rank (Mean) DBT -1 SLC16A1 **ACADSB** ACAD8 BCAT1 **MCEE PCCB PCCA** ALDH6A1 **HMGCL** SLC7A8 DLD **HIBADH AUH** MCCC1 -2 VAE integrated value