Differentially expressed TRAs between week 4 and 9 by tissue 1250 head tissue Adipose Muscle 1000 -Adrenal Gland Nerve Artery Ovary Bladder **Pancreas** Pituitary Brain 750 -Number of Genes Prostate **Breast** Cells Skin Cervix Small Intestine Colon Spleen Esophagus Stomach Fallopian Tube **Testis** Heart Thyroid Kidney Uterus 250 Vagina Liver Whole Blood Lung Minor Salivary Gland Brain – Frontal Cortex Brain – Hippocampus Brain – Hypothalamus Brain – Nucleus accumbens -Pancreas Pituitary Prostate Skin – Not Sun Exposed Skin – Sun Exposed -Nerve – Tibial – Ovary – Vagina -Whole Blood -Lung-Adipose - Visceral -Adrenal Gland -- Aorta -Artery – Čoronary -Artery – Tibial -Heart - Atrial Appendage -Heart - Left Ventricle -Adipose – Subcutaneous -Bladder -Brain – Amygdala -Brain – Anterior cingulate cortex -Brain – Caudate – Cerebellar Hemisphere – Cerebellum -Brain - Putamen -Brain - Spinal cord -Colon – Sigmoid -Colon – Transverse -Muscularis -Cortex -Liver -Minor Salivary Gland -Muscle - Skeletal -Terminal Ileum -Spleen -Stomach -Brain - Cortex -Brain – Substantia nigra -Breast - Mammary Tissue - EBV-transformed lymphocytes - Transformed fibroblasts -Esophagus – Gastroesophageal Junction -Ectocervix -Cervix - Endocervix -Esophagus Cervix -Esophagus Small Intestine -Brain -Cells Cells Tissue