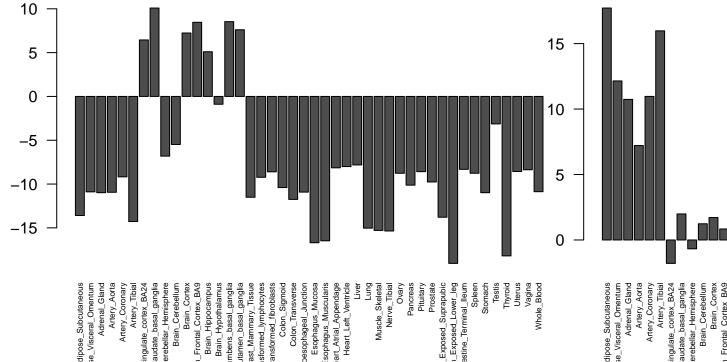
diff

Here I plot the top 10 examples as quantified by difference in mean brain raw z statistic and mean 'other' raw z statistic.

```
##
                                            brainmean othermean
                                                                      diff
## ENSG00000181240.9_19_6436305_C_T_b37
                                            4.0296726 -11.245947 15.275619
## ENSG00000165985.8_10_16555528_A_T_b37
                                                       11.163259 10.510909
                                            0.6523496
## ENSG00000197020.6_19_21950402_T_C_b37
                                           -2.1237519 -11.516589
                                                                  9.392837
## ENSG00000108384.10_17_56804230_G_A_b37
                                          -5.4755019
                                                        3.881095
                                                                  9.356597
  ENSG00000116157.5_1_53075321_G_A_b37
                                           -0.1779033
                                                       -9.507091
                                                                  9.329187
## ENSG00000189316.3_7_64334166_T_C_b37
                                            1.5100177
                                                       -6.927405
                                                                  8.437422
```

ENSG00000181240.9 19 6436305 C T b37

ENSG0000

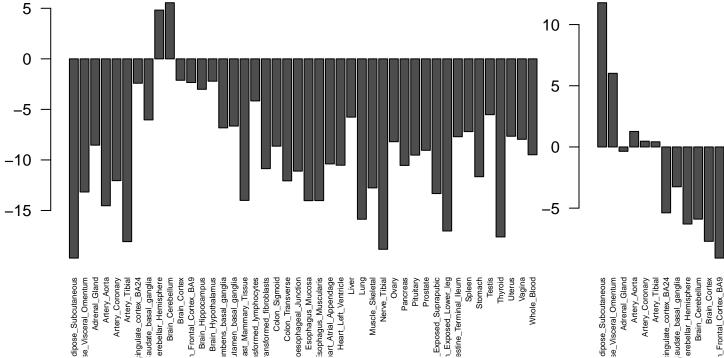


estine_Terminal_lleum Spleen Stomach Testis Thyroid Uterus Vagina Whole_Blood Brain_Hypothalamus mbens_basal_ganglia utamen_basal_ganglia ast_Mammary_Tissue sformed_lymphocytes Brain_Cortex_0_1_Frontal_Cortex_BA9
Brain_Hippocampus Pancreas Pituitary Prostate Lung Muscle_Skeletal dipose_Subcutaneous ingulate_cortex_BA24 audate_basal_ganglia erebellar_Hemisphere Brain_Cerebellum Colon_Transverse esophageal_Junction Esophagus_Mucosa sophagus_Muscularis art_Atrial_Appendage Heart_Left_Ventricle Nerve_Tibial Exposed_Suprapubic Colon_Sigmoic ansformed_fibroblasts

Artery_Aorta Adrenal_Gland Artery_Coronary Artery_Tibial ingulate_cortex_BA24

ENSG00000197020.6_19_21950402_T_C_b37

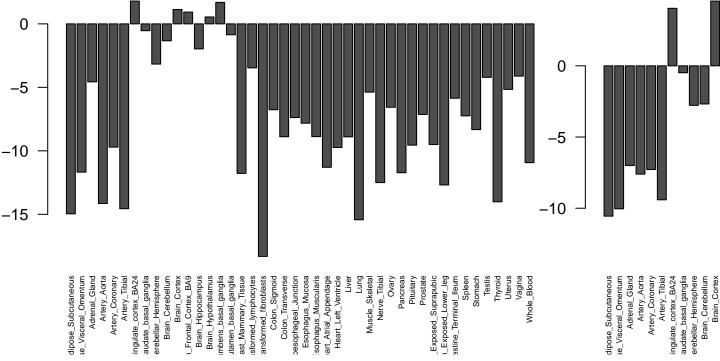
ENSG0000



dipose_Subcutaneous se_Visceral_Omentum

Arteny_Contonary
Arteny_Contonary
Arteny_Chibal
Arteny_Chibal
Arteny_Chibal
Arteny_Chibal
Arteny_Chibal
Brain_Cortex
Brain_Cortex
Brain_Cortex
Brain_Cortex
Brain_Cortex
Brain_Cortex
Brain_Cortex
Brain_Cortex
Brain_Cortex Artery_Coronary

Arteny-Coronary Arteny-Coronary Arteny-Coronary Arteny-Tibiah audate basal_ganglia erebellar Hemisphere Brain_Cerebellum Brain_Cortex_BA9 Brain_Cortex_BA9 Brain_Lippocampus Golon_Lippocampus Coronary Arteny-Coronary Arteny-Coronary Arteny-Coronary Arteny-Coronary Brain_Lippocampus Esophagus_Juncotan Esophagus_Mucosa isophagus_Muscularis Art_Atrial_Appendage Heart_Left_Ventricle Liver Lung Muscle_Skeletal Nerve_Tibial Ovary Pancreas A __Exposed_Lower_leg oesophageal_Junction estine_Terminal_lleum G



dipose_Subcutaneous se_Visceral_Omentum Adrenal_Gland Artery_Aorta Artery_Coronary Artery_Tibial

ingulate_cortex_BA24 audate_basal_ganglia erebellar_Hemisphere Brain_Cerebellum Brain_Cortex LFrontal_Cortex_BA9
Brain_Hippocampus Brain_Hypothalamus mbens_basal_ganglia

Pancreas Vagina Whole_Blood Ovary Stomach Testis Thyroid Uterus Prostate Spleen Esophagus_Mucosa sophagus_Muscularis art_Atrial_Appendage Heart_Left_Ventricle Lung Muscle_Skeletal Nerve_Tibial Pituitary Exposed_Suprapubic _Exposed_Lower_leg estine_Terminal_lleum

se_Visceral_Omentum Adrenal_Gland Artery_Aorta Artery_Coronary Artery_Tibial

ingulate_cortex_BA24

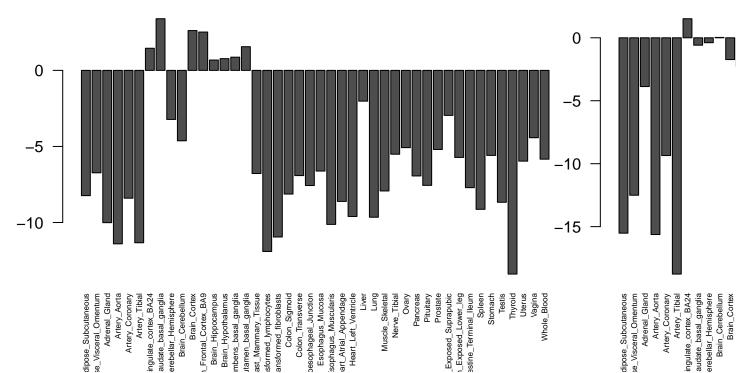
dipose_Subcutaneous

utamen_basal_ganglia ast_Mammary_Tissue isformed_lymphocytes

ansformed_fibroblasts Colon_Sigmoid Colon_Transverse pesophageal_Junction

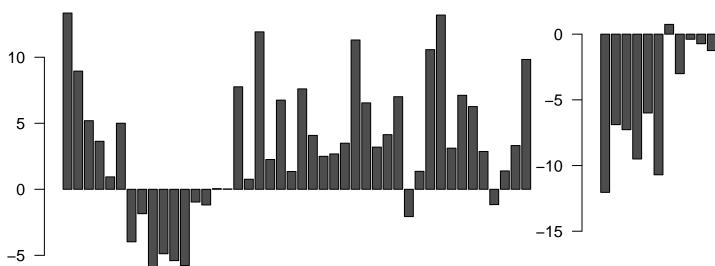
ENSG00000249846.2_3_129842031_G_A_b37

ENSG000



Adrenal Gland Artery Aorta Artery Caronary Brain Cerebellum Brain Cerebellum Brain Cortex BA9 Brain Lippocampus Brain Lippocampus Brain Lippochalamus Brain Lypothalamus Brain Lypothalamus Brain Lypothalamus Brain Lypothalamus Brain Lypothalamus Brain Lypothalamus Sast Mammary Cissue Stormed Lippochalasts Colon, Sigmoid Expression of the control of the con Vagina Whole_Blood Spleen Thyroid 2 sesophageal_Junction Pituitary Exposed_Lower_leg Stomach dipose_Subcutaneous se_Visceral_Omentum Colon_Transverse Esophagus_Mucosa Prostate Exposed_Suprapubic estine_Terminal_lleum Testis Uterus **b37**

Artery_Aorta
Artery_Coronary
Artery_Coronary
Artery_Tibial
Singulate_cortex_BA24
audate_basal_ganglia
erebellar_Hemisphere
Brain_Cerebellum
Brain_Cortex se_Visceral_Omentum Adrenal_Gland



Stomach Thyroid Uterus Ovary Spleen Testis dipose_Subcutaneous se_Visceral_Omentum Adrenal_Gland Artery_Aorta Artery_Coronary Artery_Tibial ingulate_cortex_BA24 andate_basal_ganglia erebellar_Hemisphere Brain_Cerebellum _Frontal_Cortex_BA9 Brain_Hippocampus Brain_Hypothalamus ımbens_basal_ganglia utamen_basal_ganglia ast_Mammary_Tissue sformed_lymphocytes Colon_Sigmoid Colon_Transverse pesophageal_Junction Esophagus_Mucosa sophagus_Muscularis art_Atrial_Appendage Lung Muscle_Skeletal Nerve_Tibial Pancreas Pituitary Prostate Exposed_Suprapubic _Exposed_Lower_leg Brain_Cortex ansformed_fibroblasts Heart_Left_Ventricle estine_Terminal_lleum

se_Visceral_Omentum Adrenal_Gland Artery_Aorta Artery_Coronary Artery_Tibial ingulate_cortex_BA24 audate_basal_ganglia erebellar_Hemisphere Brain_Cerebellum Brain_Cortex

1 Frontal Cortex BA9

dipose_Subcutaneous

Whole_Blood