| Gene                                      | CD20  | CD22  | ADAM28 | EBF1  | GNG7  | ATP2A3 | MEF2C | CPNE5 |
|-------------------------------------------|-------|-------|--------|-------|-------|--------|-------|-------|
| Unweighted_meta-Z_of_all_cancers          | -6.404 | -2.8518 | -3.6253 | -5.2667 | -3.7699 | -4.0285 | -5.3787 | -4.0618 |
| Adrenocortical_cancer                     | 0.859 | -0.154 | -1.498 | -3.403 | -1.137 | 1.163 | -1.467 | -0.159 |
| Bladder_cancer                            | -0.41 | -0.051 | -1.752 | -0.349 | -1.378 | -2.229 | -2.093 | 1.117 |
| Brain_cancer_Astrocytoma                  | -0.757 | 1.158 | -0.235 | 0.264 | 0.048 | 1.411 | -1.336 | -3.121 |
| Brain_cancer_Glioblastoma                 | 0.958 | -0.098 | 0.171 | -2.359 | 0.132 | -1.005 | 0.46 | -0.961 |
| Brain_cancer_Glioma                       | -2.27 | -1.002 | 2.31 | -3.568 | 0.117 | -0.144 | 0.34 | -0.692 |
| Brain_cancer_Medulloblastoma              | 0.138 | 0.067 | 0 | 0 | 0 | -1.13 | -0.722 | 0 |
| Brain_cancer_Meningioma                   | 0.333 | -1.162 | 0.427 | -2.166 | 1.767 | -1.067 | -0.14 | 0.452 |
| Breast_cancer                             | -0.783 | -1.602 | -3.366 | -11.34 | 0.009 | -4.904 | -3.987 | -5.602 |
| Head_and_neck_cancer                      | -1.302 | -2.538 | -3.012 | -3.093 | -2.065 | 2.052 | -1.637 | 0.449 |
| Colon_cancer                              | 1.304 | 0.217 | 1.402 | 1.838 | 0.053 | -0.739 | 0.853 | -0.217 |
| Gastric_cancer                            | -0.684 | -0.042 | -0.718 | 0.217 | -0.26 | -0.774 | -1.722 | -0.579 |
| Germ_cell_tumors                          | 3.907 | -3.047 | -0.889 | -2.154 | -1.908 | -3.366 | -2.329 | -4.131 |
| Head_and_neck_cancer_hypopharyngeal_cancer | -2.775 | -2.209 | -2.196 | 0.645 | -1.769 | -0.356 | -0.728 | -0.142 |
| Head_and_neck_cancer_Oesophage_hypopharyngeal_cancer | -1.578 | 0.169 | 1.292 | 0 | 1.449 | 0.092 | -1.029 | 0 |
| Hematopoietic_cancer_AML                  | -0.301 | 1 | 0.78 | -0.854 | 0.294 | -0.992 | 1.874 | -0.628 |
| Hematopoietic_cancer_B_ALL                | 0.578 | -1.933 | 0.242 | 1.702 | 0.993 | -0.858 | -1.331 | 0 |
| Hematopoietic_cancer_Burkitt_lymphoma     | 0.619 | 1.163 | -1.814 | -0.389 | 0.007 | 0.934 | -1.219 | 1.978 |
| Hematopoietic_cancer_CLL                  | -3.94 | -2.784 | -1.918 | -3.608 | -0.48 | -0.189 | -7.66 | -3.14 |
| Hematopoietic_cancer_FL                   | -1.476 | -0.389 | -0.787 | -2.551 | -2.373 | -1.829 | -2.424 | 1.057 |
| Hematopoietic_cancer_Mantle_cell_lymphoma | -2.003 | 3.203 | -1.087 | -0.299 | 0 | -1.297 | 0.907 | 0.478 |
| Hematopoietic_cancer_Multiple_tumors      | -0.313 | -0.542 | -1.848 | -1.13 | -3.863 | 0.842 | 0.469 | -1.869 |
| Kidney_cancer                             | 0 | -0.687 | 0 | 0 | 0 | 0 | -0.224 | 0 |
| Liver_cancer                              | -0.673 | 0.404 | 1.068 | 0.605 | -0.787 | -0.457 | -0.779 | -1.561 |
| Liver_cancer_Primary                      | 0.769 | 0 | 0 | 1.46 | 2.05 | -0.422 | -1.386 | 0 |
| Lung_cancer_ADENO                          | -4.584 | -5.227 | 0.384 | -2.507 | -5.813 | -0.322 | -4.392 | -0.307 |
| Lung_cancer_LCC                           | 0.204 | 0.126 | 0.846 | -1.006 | -0.819 | 0.946 | -0.334 | 0.386 |
| Lung_cancer_SCC                           | -2.582 | 0.513 | -1.833 | -0.389 | 0.617 | -2.24 | -1.055 | -0.72 |
| Lung_cancer_SCLC                          | -0.944 | 0.445 | -1.047 | 0.644 | -1.406 | -0.293 | -0.572 | -0.109 |
| Melanoma                                  | -1.388 | -1.363 | -1.72 | -1.352 | -2.223 | -1.912 | -1.065 | -1.47 |
| Melanoma_Metastasis                       | -3.176 | -2.262 | -3.048 | -2.789 | 0.972 | -3.269 | -1.839 | -1.499 |
| Mesothelioma                              | -2.673 | 1.011 | -0.307 | 0 | 0.027 | -0.504 | -0.142 | 0 |
| Ovarian_cancer                             | -0.812 | 1.736 | -2.937 | 1.631 | 0.135 | -1.417 | -0.599 | -2.106 |
| Pancreatic_cancer                          | 0.496 | 1.017 | 0.242 | -0.322 | 0.244 | -0.59 | -0.002 | -0.738 |
| Prostate_cancer                            | -0.317 | -1.539 | 0.685 | -0.002 | -0.996 | 0.855 | -0.354 | 0.508 |
| Sarcoma_Ewing_sarcoma                     | -0.917 | 1.67 | -1.373 | 1.138 | -0.749 | -1.002 | -1.477 | -1.131 |
| Sarcoma_Osteosarcoma                       | -0.609 | 0.132 | -1.144 | 2.578 | -1.691 | 0.034 | 0.786 | 0.477 |