**Table S36. Comparisons of distributions of H12 values between tissue-specific and**

**tissue-broad enhancers**

|  |  |  |
| --- | --- | --- |
| **Tissue** | **D-value** | **Adjusted *p*-value** |
| adipose-tissue | 0.178 | 0.018 |
| blood-vessel | 0.276 | 0.040 |
| blood | 0.118 | 2.42E-10 |
| brain | 0.139 | 0 |
| esophagus | 0.268 | 0.003 |
| eye | 0.266 | 9.46E-07 |
| female-gonad | 0.255 | 0.287 |
| gallbladder | 0.147 | 1 |
| heart | 0.177 | 8.19E-07 |
| internal-male-genitalia | 0.161 | 0.031 |
| kidney | 0.202 | 4.207E-04 |
| large-intestine | 0.104 | 1 |
| liver | 0.188 | 1.327E-04 |
| lung | 0.140 | 0.001 |
| lymph-node | 0.342 | 1 |
| meninx | 0.147 | 0.043 |
| olfactory-region | 0.215 | 1 |
| pancreas | 0.180 | 1 |
| parotid-gland | 0.316 | 0.253 |
| penis | 0.370 | 0.296 |
| placenta | 0.215 | 7.84E-05 |
| prostate-gland | 0.323 | 0.840 |
| salivary-gland | 0.279 | 0.036 |
| skeletal-muscle | 0.126 | 1 |
| skin | 0.358 | 1 |
| small-intestine | 0.134 | 0.654 |
| smooth-muscle | 0.123 | 1 |
| spinal-cord | 0.206 | 0.163 |
| spleen | 0.124 | 0.002 |
| stomach | 0.507 | 0.436 |
| submandibular-gland | 0.191 | 1 |
| testis | 0.267 | 0 |
| throat | 0.174 | 1 |
| thymus | 0.158 | 1.14E-06 |
| thyroid-gland | 0.208 | 0.005 |
| tongue | 0.166 | 0.797 |
| tonsil | 0.219 | 0.008 |
| umbilical-cord | 0.353 | 0.044 |
| urinary-bladder | 0.233 | 1 |
| uterus | 0.129 | 1 |
| vagina | 0.255 | 0.174 |

*P*-values have been adjusted *post hoc* via Bonferroni correction. Both D and *p*-values have been rounded to the 3rd decimal place. *P*-value of 0 indicates < 2.2e-16.