**Table S46. Pairwise comparisons of distributions of lengths of autosomal enhancers between tissues**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tissue 1** | **Tissue 2** | **D-value** | **Adjusted p-value** |
| adipose-tissue | blood | 0.072 | 0.171 |
| adipose-tissue | blood-vessel | 0.063 | 1 |
| adipose-tissue | brain | 0.186 | 0 |
| adipose-tissue | esophagus | 0.05 | 1 |
| adipose-tissue | eye | 0.066 | 1 |
| adipose-tissue | female-gonad | 0.027 | 1 |
| adipose-tissue | gallbladder | 0.05 | 1 |
| adipose-tissue | heart | 0.105 | 3.58E-04 |
| adipose-tissue | internal-male-genitalia | 0.102 | 0.066 |
| adipose-tissue | kidney | 0.064 | 1 |
| adipose-tissue | large-intestine | 0.062 | 1 |
| adipose-tissue | liver | 0.089 | 0.625 |
| adipose-tissue | lung | 0.029 | 1 |
| adipose-tissue | lymph-node | 0.117 | 1 |
| adipose-tissue | meninx | 0.045 | 1 |
| adipose-tissue | olfactory-region | 0.037 | 1 |
| adipose-tissue | pancreas | 0.119 | 1 |
| adipose-tissue | parotid-gland | 0.145 | 1 |
| adipose-tissue | penis | 0.052 | 1 |
| adipose-tissue | placenta | 0.059 | 1 |
| adipose-tissue | prostate-gland | 0.029 | 1 |
| adipose-tissue | salivary-gland | 0.071 | 1 |
| adipose-tissue | skeletal-muscle | 0.098 | 0.215 |
| adipose-tissue | skin | 0.057 | 1 |
| adipose-tissue | small-intestine | 0.093 | 0.306 |
| adipose-tissue | smooth-muscle | 0.037 | 1 |
| adipose-tissue | spinal-cord | 0.069 | 1 |
| adipose-tissue | spleen | 0.033 | 1 |
| adipose-tissue | stomach | 0.085 | 1 |
| adipose-tissue | submandibular-gland | 0.038 | 1 |
| adipose-tissue | testis | 0.282 | 0 |
| adipose-tissue | throat | 0.041 | 1 |
| adipose-tissue | thymus | 0.054 | 1 |
| adipose-tissue | thyroid-gland | 0.052 | 1 |
| adipose-tissue | tongue | 0.054 | 1 |
| adipose-tissue | tonsil | 0.027 | 1 |
| adipose-tissue | umbilical-cord | 0.144 | 1 |
| adipose-tissue | urinary-bladder | 0.083 | 1 |
| adipose-tissue | uterus | 0.02 | 1 |
| adipose-tissue | vagina | 0.056 | 1 |
| blood | brain | 0.131 | 0 |
| blood | esophagus | 0.049 | 1 |
| blood | eye | 0.027 | 1 |
| blood | female-gonad | 0.059 | 1 |
| blood | gallbladder | 0.099 | 0.029 |
| blood | heart | 0.057 | 0.771 |
| blood | internal-male-genitalia | 0.059 | 1 |
| blood | kidney | 0.019 | 1 |
| blood | large-intestine | 0.02 | 1 |
| blood | liver | 0.032 | 1 |
| blood | lung | 0.052 | 0.639 |
| blood | lymph-node | 0.166 | 0.001 |
| blood | meninx | 0.092 | 4.34E-05 |
| blood | olfactory-region | 0.107 | 1 |
| blood | pancreas | 0.065 | 1 |
| blood | parotid-gland | 0.086 | 1 |
| blood | penis | 0.092 | 1 |
| blood | placenta | 0.033 | 1 |
| blood | prostate-gland | 0.061 | 1 |
| blood | salivary-gland | 0.033 | 1 |
| blood | skeletal-muscle | 0.048 | 1 |
| blood | skin | 0.105 | 1 |
| blood | small-intestine | 0.032 | 1 |
| blood | smooth-muscle | 0.088 | 1 |
| blood | spinal-cord | 0.024 | 1 |
| blood | spleen | 0.052 | 0.531 |
| blood | stomach | 0.147 | 1 |
| blood | submandibular-gland | 0.084 | 1 |
| blood | testis | 0.226 | 0 |
| blood | throat | 0.061 | 1 |
| blood | thymus | 0.034 | 1 |
| blood | thyroid-gland | 0.046 | 1 |
| blood | tongue | 0.039 | 1 |
| blood | tonsil | 0.073 | 0.118 |
| blood | umbilical-cord | 0.1 | 1 |
| blood | urinary-bladder | 0.137 | 5.82E-06 |
| blood | uterus | 0.082 | 0.132 |
| blood | vagina | 0.047 | 1 |
| blood-vessel | blood | 0.104 | 9.88E-05 |
| blood-vessel | brain | 0.234 | 0 |
| blood-vessel | esophagus | 0.099 | 0.222 |
| blood-vessel | eye | 0.104 | 0.03 |
| blood-vessel | female-gonad | 0.061 | 1 |
| blood-vessel | gallbladder | 0.029 | 1 |
| blood-vessel | heart | 0.157 | 6.93E-11 |
| blood-vessel | internal-male-genitalia | 0.157 | 2.76E-07 |
| blood-vessel | kidney | 0.112 | 0.001 |
| blood-vessel | large-intestine | 0.097 | 0.055 |
| blood-vessel | liver | 0.131 | 2.15E-04 |
| blood-vessel | lung | 0.061 | 1 |
| blood-vessel | lymph-node | 0.077 | 1 |
| blood-vessel | meninx | 0.03 | 1 |
| blood-vessel | olfactory-region | 0.076 | 1 |
| blood-vessel | pancreas | 0.166 | 0.036 |
| blood-vessel | parotid-gland | 0.181 | 0.064 |
| blood-vessel | penis | 0.07 | 1 |
| blood-vessel | placenta | 0.102 | 0.257 |
| blood-vessel | prostate-gland | 0.051 | 1 |
| blood-vessel | salivary-gland | 0.106 | 1 |
| blood-vessel | skeletal-muscle | 0.149 | 5.95E-06 |
| blood-vessel | skin | 0.053 | 1 |
| blood-vessel | small-intestine | 0.127 | 4.84E-04 |
| blood-vessel | smooth-muscle | 0.045 | 1 |
| blood-vessel | spinal-cord | 0.119 | 0.001 |
| blood-vessel | spleen | 0.065 | 1 |
| blood-vessel | stomach | 0.06 | 1 |
| blood-vessel | submandibular-gland | 0.081 | 1 |
| blood-vessel | testis | 0.297 | 0 |
| blood-vessel | throat | 0.088 | 1 |
| blood-vessel | thymus | 0.081 | 0.432 |
| blood-vessel | thyroid-gland | 0.098 | 0.35 |
| blood-vessel | tongue | 0.095 | 0.92 |
| blood-vessel | tonsil | 0.042 | 1 |
| blood-vessel | umbilical-cord | 0.197 | 0.556 |
| blood-vessel | urinary-bladder | 0.054 | 1 |
| blood-vessel | uterus | 0.058 | 1 |
| blood-vessel | vagina | 0.081 | 1 |
| brain | esophagus | 0.143 | 2.39E-10 |
| brain | eye | 0.142 | 2.28E-12 |
| brain | female-gonad | 0.182 | 0 |
| brain | gallbladder | 0.224 | 0 |
| brain | heart | 0.086 | 1.17E-05 |
| brain | internal-male-genitalia | 0.093 | 0.007 |
| brain | kidney | 0.132 | 5.46E-13 |
| brain | large-intestine | 0.145 | 0 |
| brain | liver | 0.108 | 5.56E-05 |
| brain | lung | 0.175 | 0 |
| brain | lymph-node | 0.286 | 0 |
| brain | meninx | 0.218 | 0 |
| brain | olfactory-region | 0.191 | 1.47E-07 |
| brain | pancreas | 0.113 | 1 |
| brain | parotid-gland | 0.082 | 1 |
| brain | penis | 0.202 | 0.008 |
| brain | placenta | 0.148 | 1.23E-09 |
| brain | prostate-gland | 0.187 | 0 |
| brain | salivary-gland | 0.141 | 0.001 |
| brain | skeletal-muscle | 0.099 | 0.003 |
| brain | skin | 0.222 | 3.30E-04 |
| brain | small-intestine | 0.113 | 8.92E-06 |
| brain | smooth-muscle | 0.213 | 1.50E-07 |
| brain | spinal-cord | 0.128 | 1.90E-10 |
| brain | spleen | 0.177 | 0 |
| brain | stomach | 0.258 | 0.01 |
| brain | submandibular-gland | 0.174 | 0.141 |
| brain | testis | 0.163 | 0 |
| brain | throat | 0.15 | 9.62E-11 |
| brain | thymus | 0.159 | 0 |
| brain | thyroid-gland | 0.143 | 1.35E-09 |
| brain | tongue | 0.147 | 4.39E-09 |
| brain | tonsil | 0.198 | 0 |
| brain | umbilical-cord | 0.113 | 1 |
| brain | urinary-bladder | 0.263 | 0 |
| brain | uterus | 0.184 | 0 |
| brain | vagina | 0.177 | 4.43E-10 |
| esophagus | eye | 0.038 | 1 |
| esophagus | female-gonad | 0.042 | 1 |
| esophagus | gallbladder | 0.09 | 1 |
| esophagus | heart | 0.078 | 1 |
| esophagus | internal-male-genitalia | 0.065 | 1 |
| esophagus | kidney | 0.04 | 1 |
| esophagus | large-intestine | 0.036 | 1 |
| esophagus | liver | 0.058 | 1 |
| esophagus | lung | 0.04 | 1 |
| esophagus | lymph-node | 0.156 | 0.041 |
| esophagus | meninx | 0.082 | 1 |
| esophagus | olfactory-region | 0.06 | 1 |
| esophagus | pancreas | 0.074 | 1 |
| esophagus | parotid-gland | 0.111 | 1 |
| esophagus | penis | 0.066 | 1 |
| esophagus | placenta | 0.04 | 1 |
| esophagus | prostate-gland | 0.052 | 1 |
| esophagus | salivary-gland | 0.04 | 1 |
| esophagus | skeletal-muscle | 0.057 | 1 |
| esophagus | skin | 0.082 | 1 |
| esophagus | small-intestine | 0.061 | 1 |
| esophagus | smooth-muscle | 0.071 | 1 |
| esophagus | spinal-cord | 0.034 | 1 |
| esophagus | spleen | 0.039 | 1 |
| esophagus | stomach | 0.126 | 1 |
| esophagus | submandibular-gland | 0.045 | 1 |
| esophagus | testis | 0.257 | 0 |
| esophagus | throat | 0.02 | 1 |
| esophagus | thymus | 0.031 | 1 |
| esophagus | thyroid-gland | 0.017 | 1 |
| esophagus | tongue | 0.022 | 1 |
| esophagus | tonsil | 0.063 | 1 |
| esophagus | umbilical-cord | 0.108 | 1 |
| esophagus | urinary-bladder | 0.122 | 0.046 |
| esophagus | uterus | 0.051 | 1 |
| esophagus | vagina | 0.044 | 1 |
| eye | female-gonad | 0.056 | 1 |
| eye | gallbladder | 0.095 | 1 |
| eye | heart | 0.063 | 1 |
| eye | internal-male-genitalia | 0.061 | 1 |
| eye | kidney | 0.025 | 1 |
| eye | large-intestine | 0.019 | 1 |
| eye | liver | 0.051 | 1 |
| eye | lung | 0.045 | 1 |
| eye | lymph-node | 0.16 | 0.014 |
| eye | meninx | 0.087 | 0.194 |
| eye | olfactory-region | 0.096 | 1 |
| eye | pancreas | 0.079 | 1 |
| eye | parotid-gland | 0.109 | 1 |
| eye | penis | 0.083 | 1 |
| eye | placenta | 0.029 | 1 |
| eye | prostate-gland | 0.057 | 1 |
| eye | salivary-gland | 0.024 | 1 |
| eye | skeletal-muscle | 0.053 | 1 |
| eye | skin | 0.088 | 1 |
| eye | small-intestine | 0.05 | 1 |
| eye | smooth-muscle | 0.077 | 1 |
| eye | spinal-cord | 0.032 | 1 |
| eye | spleen | 0.047 | 1 |
| eye | stomach | 0.123 | 1 |
| eye | submandibular-gland | 0.078 | 1 |
| eye | testis | 0.226 | 0 |
| eye | throat | 0.053 | 1 |
| eye | thymus | 0.03 | 1 |
| eye | thyroid-gland | 0.037 | 1 |
| eye | tongue | 0.033 | 1 |
| eye | tonsil | 0.071 | 1 |
| eye | umbilical-cord | 0.101 | 1 |
| eye | urinary-bladder | 0.127 | 0.009 |
| eye | uterus | 0.073 | 1 |
| eye | vagina | 0.047 | 1 |
| female-gonad | gallbladder | 0.063 | 1 |
| female-gonad | heart | 0.105 | 0.031 |
| female-gonad | internal-male-genitalia | 0.105 | 0.378 |
| female-gonad | kidney | 0.057 | 1 |
| female-gonad | large-intestine | 0.05 | 1 |
| female-gonad | liver | 0.084 | 1 |
| female-gonad | lung | 0.022 | 1 |
| female-gonad | lymph-node | 0.128 | 1 |
| female-gonad | meninx | 0.047 | 1 |
| female-gonad | olfactory-region | 0.055 | 1 |
| female-gonad | pancreas | 0.114 | 1 |
| female-gonad | parotid-gland | 0.14 | 1 |
| female-gonad | penis | 0.053 | 1 |
| female-gonad | placenta | 0.052 | 1 |
| female-gonad | prostate-gland | 0.023 | 1 |
| female-gonad | salivary-gland | 0.06 | 1 |
| female-gonad | skeletal-muscle | 0.097 | 1 |
| female-gonad | skin | 0.061 | 1 |
| female-gonad | small-intestine | 0.079 | 1 |
| female-gonad | smooth-muscle | 0.034 | 1 |
| female-gonad | spinal-cord | 0.064 | 1 |
| female-gonad | spleen | 0.024 | 1 |
| female-gonad | stomach | 0.091 | 1 |
| female-gonad | submandibular-gland | 0.038 | 1 |
| female-gonad | testis | 0.274 | 0 |
| female-gonad | throat | 0.039 | 1 |
| female-gonad | thymus | 0.042 | 1 |
| female-gonad | thyroid-gland | 0.049 | 1 |
| female-gonad | tongue | 0.044 | 1 |
| female-gonad | tonsil | 0.03 | 1 |
| female-gonad | umbilical-cord | 0.14 | 1 |
| female-gonad | urinary-bladder | 0.089 | 1 |
| female-gonad | uterus | 0.035 | 1 |
| female-gonad | vagina | 0.043 | 1 |
| gallbladder | heart | 0.15 | 9.72E-07 |
| gallbladder | internal-male-genitalia | 0.149 | 1.29E-04 |
| gallbladder | kidney | 0.108 | 0.061 |
| gallbladder | large-intestine | 0.091 | 1 |
| gallbladder | liver | 0.125 | 0.014 |
| gallbladder | lung | 0.061 | 1 |
| gallbladder | lymph-node | 0.083 | 1 |
| gallbladder | meninx | 0.019 | 1 |
| gallbladder | olfactory-region | 0.062 | 1 |
| gallbladder | pancreas | 0.155 | 0.316 |
| gallbladder | parotid-gland | 0.179 | 0.16 |
| gallbladder | penis | 0.047 | 1 |
| gallbladder | placenta | 0.097 | 1 |
| gallbladder | prostate-gland | 0.055 | 1 |
| gallbladder | salivary-gland | 0.099 | 1 |
| gallbladder | skeletal-muscle | 0.136 | 0.003 |
| gallbladder | skin | 0.038 | 1 |
| gallbladder | small-intestine | 0.12 | 0.035 |
| gallbladder | smooth-muscle | 0.043 | 1 |
| gallbladder | spinal-cord | 0.114 | 0.036 |
| gallbladder | spleen | 0.066 | 1 |
| gallbladder | stomach | 0.058 | 1 |
| gallbladder | submandibular-gland | 0.069 | 1 |
| gallbladder | testis | 0.291 | 0 |
| gallbladder | throat | 0.079 | 1 |
| gallbladder | thymus | 0.074 | 1 |
| gallbladder | thyroid-gland | 0.091 | 1 |
| gallbladder | tongue | 0.084 | 1 |
| gallbladder | tonsil | 0.036 | 1 |
| gallbladder | umbilical-cord | 0.19 | 1 |
| gallbladder | urinary-bladder | 0.053 | 1 |
| gallbladder | uterus | 0.052 | 1 |
| gallbladder | vagina | 0.078 | 1 |
| heart | internal-male-genitalia | 0.034 | 1 |
| heart | kidney | 0.054 | 1 |
| heart | large-intestine | 0.067 | 1 |
| heart | liver | 0.037 | 1 |
| heart | lung | 0.099 | 4.71E-06 |
| heart | lymph-node | 0.215 | 1.64E-07 |
| heart | meninx | 0.14 | 5.54E-11 |
| heart | olfactory-region | 0.132 | 0.091 |
| heart | pancreas | 0.059 | 1 |
| heart | parotid-gland | 0.05 | 1 |
| heart | penis | 0.128 | 1 |
| heart | placenta | 0.071 | 1 |
| heart | prostate-gland | 0.114 | 0.006 |
| heart | salivary-gland | 0.065 | 1 |
| heart | skeletal-muscle | 0.04 | 1 |
| heart | skin | 0.138 | 1 |
| heart | small-intestine | 0.04 | 1 |
| heart | smooth-muscle | 0.135 | 0.339 |
| heart | spinal-cord | 0.061 | 1 |
| heart | spleen | 0.098 | 5.04E-06 |
| heart | stomach | 0.179 | 1 |
| heart | submandibular-gland | 0.117 | 1 |
| heart | testis | 0.202 | 0 |
| heart | throat | 0.081 | 1 |
| heart | thymus | 0.084 | 0.008 |
| heart | thyroid-gland | 0.072 | 1 |
| heart | tongue | 0.072 | 1 |
| heart | tonsil | 0.124 | 6.97E-07 |
| heart | umbilical-cord | 0.059 | 1 |
| heart | urinary-bladder | 0.182 | 2.42E-10 |
| heart | uterus | 0.118 | 1.32E-04 |
| heart | vagina | 0.103 | 0.347 |
| internal-male-genitalia | kidney | 0.052 | 1 |
| internal-male-genitalia | large-intestine | 0.069 | 1 |
| internal-male-genitalia | liver | 0.038 | 1 |
| internal-male-genitalia | lung | 0.101 | 0.005 |
| internal-male-genitalia | lymph-node | 0.216 | 2.57E-06 |
| internal-male-genitalia | meninx | 0.142 | 6.81E-07 |
| internal-male-genitalia | olfactory-region | 0.106 | 1 |
| internal-male-genitalia | pancreas | 0.043 | 1 |
| internal-male-genitalia | parotid-gland | 0.058 | 1 |
| internal-male-genitalia | penis | 0.13 | 1 |
| internal-male-genitalia | placenta | 0.064 | 1 |
| internal-male-genitalia | prostate-gland | 0.116 | 0.069 |
| internal-male-genitalia | salivary-gland | 0.066 | 1 |
| internal-male-genitalia | skeletal-muscle | 0.031 | 1 |
| internal-male-genitalia | skin | 0.137 | 1 |
| internal-male-genitalia | small-intestine | 0.04 | 1 |
| internal-male-genitalia | smooth-muscle | 0.132 | 1 |
| internal-male-genitalia | spinal-cord | 0.049 | 1 |
| internal-male-genitalia | spleen | 0.099 | 0.007 |
| internal-male-genitalia | stomach | 0.175 | 1 |
| internal-male-genitalia | submandibular-gland | 0.102 | 1 |
| internal-male-genitalia | testis | 0.224 | 0 |
| internal-male-genitalia | throat | 0.079 | 1 |
| internal-male-genitalia | thymus | 0.086 | 0.357 |
| internal-male-genitalia | thyroid-gland | 0.064 | 1 |
| internal-male-genitalia | tongue | 0.075 | 1 |
| internal-male-genitalia | tonsil | 0.126 | 2.35E-04 |
| internal-male-genitalia | umbilical-cord | 0.048 | 1 |
| internal-male-genitalia | urinary-bladder | 0.182 | 1.27E-07 |
| internal-male-genitalia | uterus | 0.108 | 0.074 |
| internal-male-genitalia | vagina | 0.105 | 1 |
| kidney | large-intestine | 0.022 | 1 |
| kidney | liver | 0.038 | 1 |
| kidney | lung | 0.055 | 1 |
| kidney | lymph-node | 0.175 | 0.001 |
| kidney | meninx | 0.097 | 0.004 |
| kidney | olfactory-region | 0.096 | 1 |
| kidney | pancreas | 0.064 | 1 |
| kidney | parotid-gland | 0.096 | 1 |
| kidney | penis | 0.09 | 1 |
| kidney | placenta | 0.028 | 1 |
| kidney | prostate-gland | 0.072 | 1 |
| kidney | salivary-gland | 0.036 | 1 |
| kidney | skeletal-muscle | 0.046 | 1 |
| kidney | skin | 0.105 | 1 |
| kidney | small-intestine | 0.038 | 1 |
| kidney | smooth-muscle | 0.085 | 1 |
| kidney | spinal-cord | 0.02 | 1 |
| kidney | spleen | 0.051 | 1 |
| kidney | stomach | 0.133 | 1 |
| kidney | submandibular-gland | 0.076 | 1 |
| kidney | testis | 0.231 | 0 |
| kidney | throat | 0.046 | 1 |
| kidney | thymus | 0.044 | 1 |
| kidney | thyroid-gland | 0.036 | 1 |
| kidney | tongue | 0.033 | 1 |
| kidney | tonsil | 0.081 | 0.47 |
| kidney | umbilical-cord | 0.088 | 1 |
| kidney | urinary-bladder | 0.139 | 1.95E-04 |
| kidney | uterus | 0.076 | 1 |
| kidney | vagina | 0.058 | 1 |
| large-intestine | liver | 0.047 | 1 |
| large-intestine | lung | 0.04 | 1 |
| large-intestine | lymph-node | 0.158 | 0.012 |
| large-intestine | meninx | 0.08 | 0.306 |
| large-intestine | olfactory-region | 0.093 | 1 |
| large-intestine | pancreas | 0.078 | 1 |
| large-intestine | parotid-gland | 0.101 | 1 |
| large-intestine | penis | 0.08 | 1 |
| large-intestine | placenta | 0.023 | 1 |
| large-intestine | prostate-gland | 0.056 | 1 |
| large-intestine | salivary-gland | 0.023 | 1 |
| large-intestine | skeletal-muscle | 0.057 | 1 |
| large-intestine | skin | 0.098 | 1 |
| large-intestine | small-intestine | 0.046 | 1 |
| large-intestine | smooth-muscle | 0.071 | 1 |
| large-intestine | spinal-cord | 0.028 | 1 |
| large-intestine | spleen | 0.04 | 1 |
| large-intestine | stomach | 0.129 | 1 |
| large-intestine | submandibular-gland | 0.072 | 1 |
| large-intestine | testis | 0.233 | 0 |
| large-intestine | throat | 0.043 | 1 |
| large-intestine | thymus | 0.025 | 1 |
| large-intestine | thyroid-gland | 0.029 | 1 |
| large-intestine | tongue | 0.027 | 1 |
| large-intestine | tonsil | 0.063 | 1 |
| large-intestine | umbilical-cord | 0.107 | 1 |
| large-intestine | urinary-bladder | 0.122 | 0.009 |
| large-intestine | uterus | 0.073 | 1 |
| large-intestine | vagina | 0.038 | 1 |
| liver | lung | 0.072 | 1 |
| liver | lymph-node | 0.185 | 0.001 |
| liver | meninx | 0.118 | 4.57E-04 |
| liver | olfactory-region | 0.116 | 1 |
| liver | pancreas | 0.041 | 1 |
| liver | parotid-gland | 0.071 | 1 |
| liver | penis | 0.107 | 1 |
| liver | placenta | 0.05 | 1 |
| liver | prostate-gland | 0.084 | 1 |
| liver | salivary-gland | 0.04 | 1 |
| liver | skeletal-muscle | 0.03 | 1 |
| liver | skin | 0.124 | 1 |
| liver | small-intestine | 0.015 | 1 |
| liver | smooth-muscle | 0.115 | 1 |
| liver | spinal-cord | 0.041 | 1 |
| liver | spleen | 0.08 | 0.422 |
| liver | stomach | 0.171 | 1 |
| liver | submandibular-gland | 0.094 | 1 |
| liver | testis | 0.225 | 0 |
| liver | throat | 0.071 | 1 |
| liver | thymus | 0.059 | 1 |
| liver | thyroid-gland | 0.057 | 1 |
| liver | tongue | 0.049 | 1 |
| liver | tonsil | 0.098 | 0.11 |
| liver | umbilical-cord | 0.078 | 1 |
| liver | urinary-bladder | 0.167 | 3.60E-06 |
| liver | uterus | 0.097 | 0.443 |
| liver | vagina | 0.071 | 1 |
| lung | lymph-node | 0.127 | 0.379 |
| lung | meninx | 0.051 | 1 |
| lung | olfactory-region | 0.064 | 1 |
| lung | pancreas | 0.107 | 1 |
| lung | parotid-gland | 0.128 | 1 |
| lung | penis | 0.063 | 1 |
| lung | placenta | 0.044 | 1 |
| lung | prostate-gland | 0.027 | 1 |
| lung | salivary-gland | 0.051 | 1 |
| lung | skeletal-muscle | 0.091 | 0.102 |
| lung | skin | 0.066 | 1 |
| lung | small-intestine | 0.073 | 1 |
| lung | smooth-muscle | 0.045 | 1 |
| lung | spinal-cord | 0.061 | 1 |
| lung | spleen | 0.012 | 1 |
| lung | stomach | 0.102 | 1 |
| lung | submandibular-gland | 0.04 | 1 |
| lung | testis | 0.262 | 0 |
| lung | throat | 0.03 | 1 |
| lung | thymus | 0.035 | 1 |
| lung | thyroid-gland | 0.041 | 1 |
| lung | tongue | 0.037 | 1 |
| lung | tonsil | 0.028 | 1 |
| lung | umbilical-cord | 0.142 | 1 |
| lung | urinary-bladder | 0.097 | 0.194 |
| lung | uterus | 0.038 | 1 |
| lung | vagina | 0.037 | 1 |
| lymph-node | meninx | 0.085 | 1 |
| lymph-node | olfactory-region | 0.128 | 1 |
| lymph-node | pancreas | 0.219 | 0.005 |
| lymph-node | parotid-gland | 0.243 | 0.003 |
| lymph-node | penis | 0.105 | 1 |
| lymph-node | placenta | 0.163 | 0.024 |
| lymph-node | prostate-gland | 0.116 | 1 |
| lymph-node | salivary-gland | 0.158 | 0.403 |
| lymph-node | skeletal-muscle | 0.202 | 4.72E-05 |
| lymph-node | skin | 0.101 | 1 |
| lymph-node | small-intestine | 0.182 | 0.001 |
| lymph-node | smooth-muscle | 0.108 | 1 |
| lymph-node | spinal-cord | 0.181 | 4.18E-04 |
| lymph-node | spleen | 0.133 | 0.151 |
| lymph-node | stomach | 0.094 | 1 |
| lymph-node | submandibular-gland | 0.139 | 1 |
| lymph-node | testis | 0.328 | 0 |
| lymph-node | throat | 0.145 | 0.208 |
| lymph-node | thymus | 0.141 | 0.081 |
| lymph-node | thyroid-gland | 0.156 | 0.048 |
| lymph-node | tongue | 0.148 | 0.193 |
| lymph-node | tonsil | 0.103 | 1 |
| lymph-node | umbilical-cord | 0.257 | 0.031 |
| lymph-node | urinary-bladder | 0.05 | 1 |
| lymph-node | uterus | 0.124 | 1 |
| lymph-node | vagina | 0.141 | 1 |
| meninx | olfactory-region | 0.057 | 1 |
| meninx | pancreas | 0.153 | 0.099 |
| meninx | parotid-gland | 0.171 | 0.118 |
| meninx | penis | 0.051 | 1 |
| meninx | placenta | 0.086 | 1 |
| meninx | prostate-gland | 0.049 | 1 |
| meninx | salivary-gland | 0.092 | 1 |
| meninx | skeletal-muscle | 0.132 | 3.14E-05 |
| meninx | skin | 0.039 | 1 |
| meninx | small-intestine | 0.12 | 2.51E-04 |
| meninx | smooth-muscle | 0.045 | 1 |
| meninx | spinal-cord | 0.103 | 0.003 |
| meninx | spleen | 0.051 | 1 |
| meninx | stomach | 0.057 | 1 |
| meninx | submandibular-gland | 0.067 | 1 |
| meninx | testis | 0.286 | 0 |
| meninx | throat | 0.073 | 1 |
| meninx | thymus | 0.071 | 0.554 |
| meninx | thyroid-gland | 0.085 | 1 |
| meninx | tongue | 0.079 | 1 |
| meninx | tonsil | 0.03 | 1 |
| meninx | umbilical-cord | 0.184 | 1 |
| meninx | urinary-bladder | 0.051 | 1 |
| meninx | uterus | 0.043 | 1 |
| meninx | vagina | 0.072 | 1 |
| olfactory-region | pancreas | 0.125 | 1 |
| olfactory-region | parotid-gland | 0.155 | 1 |
| olfactory-region | penis | 0.055 | 1 |
| olfactory-region | placenta | 0.088 | 1 |
| olfactory-region | prostate-gland | 0.057 | 1 |
| olfactory-region | salivary-gland | 0.094 | 1 |
| olfactory-region | skeletal-muscle | 0.11 | 1 |
| olfactory-region | skin | 0.045 | 1 |
| olfactory-region | small-intestine | 0.116 | 1 |
| olfactory-region | smooth-muscle | 0.064 | 1 |
| olfactory-region | spinal-cord | 0.084 | 1 |
| olfactory-region | spleen | 0.068 | 1 |
| olfactory-region | stomach | 0.084 | 1 |
| olfactory-region | submandibular-gland | 0.055 | 1 |
| olfactory-region | testis | 0.312 | 0 |
| olfactory-region | throat | 0.063 | 1 |
| olfactory-region | thymus | 0.088 | 1 |
| olfactory-region | thyroid-gland | 0.073 | 1 |
| olfactory-region | tongue | 0.08 | 1 |
| olfactory-region | tonsil | 0.04 | 1 |
| olfactory-region | umbilical-cord | 0.138 | 1 |
| olfactory-region | urinary-bladder | 0.098 | 1 |
| olfactory-region | uterus | 0.032 | 1 |
| olfactory-region | vagina | 0.086 | 1 |
| pancreas | parotid-gland | 0.077 | 1 |
| pancreas | penis | 0.136 | 1 |
| pancreas | placenta | 0.083 | 1 |
| pancreas | prostate-gland | 0.119 | 1 |
| pancreas | salivary-gland | 0.074 | 1 |
| pancreas | skeletal-muscle | 0.033 | 1 |
| pancreas | skin | 0.151 | 1 |
| pancreas | small-intestine | 0.045 | 1 |
| pancreas | smooth-muscle | 0.142 | 1 |
| pancreas | spinal-cord | 0.062 | 1 |
| pancreas | spleen | 0.11 | 1 |
| pancreas | stomach | 0.195 | 1 |
| pancreas | submandibular-gland | 0.108 | 1 |
| pancreas | testis | 0.237 | 8.43E-08 |
| pancreas | throat | 0.088 | 1 |
| pancreas | thymus | 0.092 | 1 |
| pancreas | thyroid-gland | 0.079 | 1 |
| pancreas | tongue | 0.081 | 1 |
| pancreas | tonsil | 0.132 | 1 |
| pancreas | umbilical-cord | 0.051 | 1 |
| pancreas | urinary-bladder | 0.193 | 0.004 |
| pancreas | uterus | 0.119 | 1 |
| pancreas | vagina | 0.107 | 1 |
| parotid-gland | penis | 0.164 | 1 |
| parotid-gland | placenta | 0.108 | 1 |
| parotid-gland | prostate-gland | 0.136 | 1 |
| parotid-gland | salivary-gland | 0.098 | 1 |
| parotid-gland | skeletal-muscle | 0.071 | 1 |
| parotid-gland | skin | 0.178 | 1 |
| parotid-gland | small-intestine | 0.073 | 1 |
| parotid-gland | smooth-muscle | 0.168 | 1 |
| parotid-gland | spinal-cord | 0.098 | 1 |
| parotid-gland | spleen | 0.132 | 1 |
| parotid-gland | stomach | 0.223 | 1 |
| parotid-gland | submandibular-gland | 0.129 | 1 |
| parotid-gland | testis | 0.231 | 3.55E-05 |
| parotid-gland | throat | 0.115 | 1 |
| parotid-gland | thymus | 0.112 | 1 |
| parotid-gland | thyroid-gland | 0.111 | 1 |
| parotid-gland | tongue | 0.107 | 1 |
| parotid-gland | tonsil | 0.15 | 1 |
| parotid-gland | umbilical-cord | 0.071 | 1 |
| parotid-gland | urinary-bladder | 0.22 | 0.002 |
| parotid-gland | uterus | 0.154 | 1 |
| parotid-gland | vagina | 0.124 | 1 |
| penis | placenta | 0.082 | 1 |
| penis | prostate-gland | 0.048 | 1 |
| penis | salivary-gland | 0.087 | 1 |
| penis | skeletal-muscle | 0.116 | 1 |
| penis | skin | 0.05 | 1 |
| penis | small-intestine | 0.11 | 1 |
| penis | smooth-muscle | 0.046 | 1 |
| penis | spinal-cord | 0.092 | 1 |
| penis | spleen | 0.065 | 1 |
| penis | stomach | 0.076 | 1 |
| penis | submandibular-gland | 0.067 | 1 |
| penis | testis | 0.292 | 6.57E-08 |
| penis | throat | 0.07 | 1 |
| penis | thymus | 0.074 | 1 |
| penis | thyroid-gland | 0.072 | 1 |
| penis | tongue | 0.075 | 1 |
| penis | tonsil | 0.059 | 1 |
| penis | umbilical-cord | 0.172 | 1 |
| penis | urinary-bladder | 0.092 | 1 |
| penis | uterus | 0.046 | 1 |
| penis | vagina | 0.09 | 1 |
| placenta | prostate-gland | 0.056 | 1 |
| placenta | salivary-gland | 0.038 | 1 |
| placenta | skeletal-muscle | 0.058 | 1 |
| placenta | skin | 0.098 | 1 |
| placenta | small-intestine | 0.057 | 1 |
| placenta | smooth-muscle | 0.077 | 1 |
| placenta | spinal-cord | 0.028 | 1 |
| placenta | spleen | 0.045 | 1 |
| placenta | stomach | 0.124 | 1 |
| placenta | submandibular-gland | 0.059 | 1 |
| placenta | testis | 0.235 | 0 |
| placenta | throat | 0.047 | 1 |
| placenta | thymus | 0.028 | 1 |
| placenta | thyroid-gland | 0.032 | 1 |
| placenta | tongue | 0.035 | 1 |
| placenta | tonsil | 0.066 | 1 |
| placenta | umbilical-cord | 0.105 | 1 |
| placenta | urinary-bladder | 0.124 | 0.063 |
| placenta | uterus | 0.064 | 1 |
| placenta | vagina | 0.046 | 1 |
| prostate-gland | salivary-gland | 0.057 | 1 |
| prostate-gland | skeletal-muscle | 0.103 | 0.756 |
| prostate-gland | skin | 0.058 | 1 |
| prostate-gland | small-intestine | 0.082 | 1 |
| prostate-gland | smooth-muscle | 0.038 | 1 |
| prostate-gland | spinal-cord | 0.08 | 1 |
| prostate-gland | spleen | 0.027 | 1 |
| prostate-gland | stomach | 0.093 | 1 |
| prostate-gland | submandibular-gland | 0.042 | 1 |
| prostate-gland | testis | 0.262 | 0 |
| prostate-gland | throat | 0.043 | 1 |
| prostate-gland | thymus | 0.039 | 1 |
| prostate-gland | thyroid-gland | 0.057 | 1 |
| prostate-gland | tongue | 0.048 | 1 |
| prostate-gland | tonsil | 0.034 | 1 |
| prostate-gland | umbilical-cord | 0.157 | 1 |
| prostate-gland | urinary-bladder | 0.086 | 1 |
| prostate-gland | uterus | 0.037 | 1 |
| prostate-gland | vagina | 0.053 | 1 |
| salivary-gland | skeletal-muscle | 0.057 | 1 |
| salivary-gland | skin | 0.098 | 1 |
| salivary-gland | small-intestine | 0.044 | 1 |
| salivary-gland | smooth-muscle | 0.088 | 1 |
| salivary-gland | spinal-cord | 0.033 | 1 |
| salivary-gland | spleen | 0.056 | 1 |
| salivary-gland | stomach | 0.141 | 1 |
| salivary-gland | submandibular-gland | 0.08 | 1 |
| salivary-gland | testis | 0.243 | 1.82E-13 |
| salivary-gland | throat | 0.054 | 1 |
| salivary-gland | thymus | 0.033 | 1 |
| salivary-gland | thyroid-gland | 0.041 | 1 |
| salivary-gland | tongue | 0.043 | 1 |
| salivary-gland | tonsil | 0.075 | 1 |
| salivary-gland | umbilical-cord | 0.106 | 1 |
| salivary-gland | urinary-bladder | 0.143 | 0.112 |
| salivary-gland | uterus | 0.08 | 1 |
| salivary-gland | vagina | 0.047 | 1 |
| skeletal-muscle | skin | 0.129 | 1 |
| skeletal-muscle | small-intestine | 0.029 | 1 |
| skeletal-muscle | smooth-muscle | 0.127 | 1 |
| skeletal-muscle | spinal-cord | 0.036 | 1 |
| skeletal-muscle | spleen | 0.092 | 0.066 |
| skeletal-muscle | stomach | 0.172 | 1 |
| skeletal-muscle | submandibular-gland | 0.091 | 1 |
| skeletal-muscle | testis | 0.24 | 0 |
| skeletal-muscle | throat | 0.066 | 1 |
| skeletal-muscle | thymus | 0.075 | 1 |
| skeletal-muscle | thyroid-gland | 0.053 | 1 |
| skeletal-muscle | tongue | 0.063 | 1 |
| skeletal-muscle | tonsil | 0.113 | 0.009 |
| skeletal-muscle | umbilical-cord | 0.059 | 1 |
| skeletal-muscle | urinary-bladder | 0.175 | 1.41E-06 |
| skeletal-muscle | uterus | 0.095 | 0.868 |
| skeletal-muscle | vagina | 0.094 | 1 |
| skin | small-intestine | 0.122 | 1 |
| skin | smooth-muscle | 0.052 | 1 |
| skin | spinal-cord | 0.108 | 1 |
| skin | spleen | 0.075 | 1 |
| skin | stomach | 0.062 | 1 |
| skin | submandibular-gland | 0.078 | 1 |
| skin | testis | 0.294 | 1.70E-08 |
| skin | throat | 0.082 | 1 |
| skin | thymus | 0.084 | 1 |
| skin | thyroid-gland | 0.089 | 1 |
| skin | tongue | 0.086 | 1 |
| skin | tonsil | 0.055 | 1 |
| skin | umbilical-cord | 0.181 | 1 |
| skin | urinary-bladder | 0.075 | 1 |
| skin | uterus | 0.062 | 1 |
| skin | vagina | 0.082 | 1 |
| small-intestine | smooth-muscle | 0.111 | 1 |
| small-intestine | spinal-cord | 0.047 | 1 |
| small-intestine | spleen | 0.078 | 0.672 |
| small-intestine | stomach | 0.168 | 1 |
| small-intestine | submandibular-gland | 0.097 | 1 |
| small-intestine | testis | 0.222 | 0 |
| small-intestine | throat | 0.066 | 1 |
| small-intestine | thymus | 0.054 | 1 |
| small-intestine | thyroid-gland | 0.058 | 1 |
| small-intestine | tongue | 0.054 | 1 |
| small-intestine | tonsil | 0.095 | 0.177 |
| small-intestine | umbilical-cord | 0.082 | 1 |
| small-intestine | urinary-bladder | 0.163 | 9.73E-06 |
| small-intestine | uterus | 0.104 | 0.114 |
| small-intestine | vagina | 0.067 | 1 |
| smooth-muscle | spinal-cord | 0.092 | 1 |
| smooth-muscle | spleen | 0.043 | 1 |
| smooth-muscle | stomach | 0.066 | 1 |
| smooth-muscle | submandibular-gland | 0.059 | 1 |
| smooth-muscle | testis | 0.272 | 2.19E-12 |
| smooth-muscle | throat | 0.069 | 1 |
| smooth-muscle | thymus | 0.067 | 1 |
| smooth-muscle | thyroid-gland | 0.079 | 1 |
| smooth-muscle | tongue | 0.074 | 1 |
| smooth-muscle | tonsil | 0.033 | 1 |
| smooth-muscle | umbilical-cord | 0.159 | 1 |
| smooth-muscle | urinary-bladder | 0.082 | 1 |
| smooth-muscle | uterus | 0.04 | 1 |
| smooth-muscle | vagina | 0.071 | 1 |
| spinal-cord | spleen | 0.061 | 1 |
| spinal-cord | stomach | 0.142 | 1 |
| spinal-cord | submandibular-gland | 0.067 | 1 |
| spinal-cord | testis | 0.235 | 0 |
| spinal-cord | throat | 0.041 | 1 |
| spinal-cord | thymus | 0.049 | 1 |
| spinal-cord | thyroid-gland | 0.033 | 1 |
| spinal-cord | tongue | 0.038 | 1 |
| spinal-cord | tonsil | 0.085 | 0.436 |
| spinal-cord | umbilical-cord | 0.09 | 1 |
| spinal-cord | urinary-bladder | 0.145 | 1.20E-04 |
| spinal-cord | uterus | 0.068 | 1 |
| spinal-cord | vagina | 0.061 | 1 |
| spleen | stomach | 0.099 | 1 |
| spleen | submandibular-gland | 0.045 | 1 |
| spleen | testis | 0.261 | 0 |
| spleen | throat | 0.033 | 1 |
| spleen | thymus | 0.033 | 1 |
| spleen | thyroid-gland | 0.045 | 1 |
| spleen | tongue | 0.039 | 1 |
| spleen | tonsil | 0.035 | 1 |
| spleen | umbilical-cord | 0.139 | 1 |
| spleen | urinary-bladder | 0.096 | 0.246 |
| spleen | uterus | 0.041 | 1 |
| spleen | vagina | 0.037 | 1 |
| stomach | submandibular-gland | 0.118 | 1 |
| stomach | testis | 0.315 | 4.91E-05 |
| stomach | throat | 0.114 | 1 |
| stomach | thymus | 0.125 | 1 |
| stomach | thyroid-gland | 0.128 | 1 |
| stomach | tongue | 0.132 | 1 |
| stomach | tonsil | 0.081 | 1 |
| stomach | umbilical-cord | 0.193 | 1 |
| stomach | urinary-bladder | 0.064 | 1 |
| stomach | uterus | 0.086 | 1 |
| stomach | vagina | 0.117 | 1 |
| submandibular-gland | testis | 0.29 | 4.30E-08 |
| submandibular-gland | throat | 0.049 | 1 |
| submandibular-gland | thymus | 0.067 | 1 |
| submandibular-gland | thyroid-gland | 0.054 | 1 |
| submandibular-gland | tongue | 0.063 | 1 |
| submandibular-gland | tonsil | 0.049 | 1 |
| submandibular-gland | umbilical-cord | 0.135 | 1 |
| submandibular-gland | urinary-bladder | 0.108 | 1 |
| submandibular-gland | uterus | 0.047 | 1 |
| submandibular-gland | vagina | 0.069 | 1 |
| testis | throat | 0.27 | 0 |
| testis | thymus | 0.238 | 0 |
| testis | thyroid-gland | 0.252 | 0 |
| testis | tongue | 0.25 | 0 |
| testis | tonsil | 0.28 | 0 |
| testis | umbilical-cord | 0.237 | 0.009 |
| testis | urinary-bladder | 0.329 | 0 |
| testis | uterus | 0.286 | 0 |
| testis | vagina | 0.249 | 0 |
| throat | thymus | 0.041 | 1 |
| throat | thyroid-gland | 0.023 | 1 |
| throat | tongue | 0.027 | 1 |
| throat | tonsil | 0.052 | 1 |
| throat | umbilical-cord | 0.12 | 1 |
| throat | urinary-bladder | 0.119 | 0.114 |
| throat | uterus | 0.047 | 1 |
| throat | vagina | 0.045 | 1 |
| thymus | thyroid-gland | 0.029 | 1 |
| thymus | tongue | 0.027 | 1 |
| thymus | tonsil | 0.052 | 1 |
| thymus | umbilical-cord | 0.129 | 1 |
| thymus | urinary-bladder | 0.116 | 0.009 |
| thymus | uterus | 0.065 | 1 |
| thymus | vagina | 0.027 | 1 |
| thyroid-gland | tongue | 0.02 | 1 |
| thyroid-gland | tonsil | 0.069 | 1 |
| thyroid-gland | umbilical-cord | 0.104 | 1 |
| thyroid-gland | urinary-bladder | 0.131 | 0.014 |
| thyroid-gland | uterus | 0.052 | 1 |
| thyroid-gland | vagina | 0.043 | 1 |
| tongue | tonsil | 0.06 | 1 |
| tongue | umbilical-cord | 0.115 | 1 |
| tongue | urinary-bladder | 0.125 | 0.059 |
| tongue | uterus | 0.062 | 1 |
| tongue | vagina | 0.038 | 1 |
| tonsil | umbilical-cord | 0.167 | 1 |
| tonsil | urinary-bladder | 0.075 | 1 |
| tonsil | uterus | 0.027 | 1 |
| tonsil | vagina | 0.055 | 1 |
| umbilical-cord | urinary-bladder | 0.224 | 0.104 |
| umbilical-cord | uterus | 0.143 | 1 |
| umbilical-cord | vagina | 0.138 | 1 |
| urinary-bladder | uterus | 0.083 | 1 |
| urinary-bladder | vagina | 0.111 | 1 |
| uterus | vagina | 0.065 | 1 |

*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.