|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S5 Validation of correlation between risk scores and clinical phenotypes.** | | | | | | | | | |
| **Id** | **fustat** | **T** | **N** | **M** | **stage** | **age** | **gender** | **lymphatic\_invasion** | **venous\_invasion** |
| CD1B | 3.00E-05 | 1.31E-05 | 0.001 | 5.09E-05 | 8.38E-05 | 0.671 | 0.043 | 0.196 | 0.221 |
| LTB4R | 0.005 | 0.201 | 0.423 | 0.243 | 0.656 | 0.791 | 0.803 | 0.203 | 0.348 |
| IL13 | 0.297 | 0.074 | 0.253 | 8.91E-04 | 0.01 | 0.259 | 0.134 | 0.57 | 0.517 |
| PLCG2 | 0.532 | 0.597 | 0.346 | 0.828 | 0.785 | 0.351 | 0.189 | 0.504 | 0.182 |
| BDNF | 0.059 | 0.699 | 0.036 | 0.446 | 0.207 | 0.022 | 0.804 | 0.943 | 0.114 |
| DKK1 | 0.724 | 0.173 | 0.006 | 0.021 | 0.03 | 0.01 | 0.32 | 0.077 | 0.047 |
| GRP | 0.684 | 6.90E-04 | 1.33E-05 | 0.002 | 4.65E-06 | 0.053 | 0.651 | 1.42E-04 | 0.031 |
| IGF1 | 0.337 | 0.804 | 0.148 | 0.629 | 0.518 | 0.989 | 0.291 | 0.243 | 0.331 |
| SPP1 | 0.777 | 0.021 | 0.1 | 0.397 | 0.04 | 0.595 | 0.081 | 0.609 | 0.285 |
| UCN | 0.002 | 0.102 | 0.29 | 0.097 | 0.253 | 0.009 | 0.145 | 0.3 | 0.764 |
| UTS2 | 0.193 | 0.37 | 0.733 | 0.431 | 0.687 | 0.332 | 0.876 | 0.85 | 0.459 |
| FAS | 0.027 | 0.368 | 0.002 | 2.64E-05 | 3.44E-05 | 0.043 | 0.562 | 0.018 | 0.421 |
| riskScore | 3.20E-11 | 1.08E-04 | 5.80E-08 | 7.87E-08 | 8.34E-09 | 0.416 | 0.092 | 0.026 | 0.062 |