

**Expression levels of CD27 comparing tumor and normal tissues from TCGA database.**

| Group1 | Group2 | Number | Minimum | Maximum | Median | IQR   | Mean  | SD    | SE    |
|--------|--------|--------|---------|---------|--------|-------|-------|-------|-------|
| ACC    | Tumor  | 77     | 0       | 3.484   | 0.322  | 0.755 | 0.713 | 0.835 | 0.095 |
| BLCA   | Normal | 19     | 0.475   | 5.989   | 2.134  | 2.309 | 2.596 | 1.575 | 0.361 |
| BLCA   | Tumor  | 407    | 0.084   | 7.029   | 1.828  | 2.061 | 2.054 | 1.343 | 0.067 |
| BRCA   | Normal | 113    | 0.151   | 5.775   | 2.22   | 1.122 | 2.244 | 0.927 | 0.087 |
| BRCA   | Tumor  | 1099   | 0.084   | 7.213   | 2.546  | 1.998 | 2.664 | 1.371 | 0.041 |
| CESC   | Normal | 3      | 1.269   | 2.987   | 1.551  | 0.859 | 1.936 | 0.922 | 0.532 |
| CESC   | Tumor  | 306    | 0.151   | 6.438   | 2.548  | 1.953 | 2.653 | 1.285 | 0.073 |
| CHOL   | Normal | 9      | 0.696   | 1.824   | 0.918  | 0.867 | 1.17  | 0.456 | 0.152 |
| CHOL   | Tumor  | 36     | 0.124   | 8.037   | 1.198  | 2.311 | 2.045 | 1.765 | 0.294 |
| COAD   | Normal | 41     | 1.47    | 5.327   | 3.981  | 0.448 | 3.94  | 0.718 | 0.112 |
| COAD   | Tumor  | 290    | 0.124   | 5.865   | 2.013  | 1.704 | 2.06  | 1.144 | 0.067 |
| DLBC   | Tumor  | 47     | 3.884   | 9.696   | 7.124  | 1.538 | 6.986 | 1.182 | 0.172 |
| ESCA   | Normal | 13     | 0.333   | 2.864   | 1.395  | 1.366 | 1.561 | 0.849 | 0.236 |
| ESCA   | Tumor  | 182    | 0.275   | 6.672   | 2.204  | 1.854 | 2.214 | 1.24  | 0.092 |
| GBM    | Normal | 5      | 0.475   | 0.774   | 0.687  | 0.035 | 0.669 | 0.114 | 0.051 |
| GBM    | Tumor  | 166    | 0       | 3.699   | 0.82   | 0.662 | 0.956 | 0.603 | 0.047 |
| HNSC   | Normal | 44     | 0.475   | 3.695   | 1.763  | 1.284 | 1.918 | 0.935 | 0.141 |
| HNSC   | Tumor  | 520    | 0.057   | 7.061   | 2.664  | 1.998 | 2.792 | 1.411 | 0.062 |
| KICH   | Normal | 25     | 0.202   | 4.456   | 0.714  | 1.295 | 1.2   | 1.129 | 0.226 |
| KICH   | Tumor  | 66     | 0.084   | 2.563   | 0.566  | 0.478 | 0.723 | 0.541 | 0.067 |
| KIRC   | Normal | 72     | 0.111   | 3.281   | 0.766  | 1.01  | 1.052 | 0.819 | 0.097 |
| KIRC   | Tumor  | 531    | 0.098   | 6.869   | 3.108  | 2.108 | 3.219 | 1.486 | 0.065 |
| KIRP   | Normal | 32     | 0.214   | 4.23    | 1.077  | 1.127 | 1.338 | 1.127 | 0.199 |
| KIRP   | Tumor  | 289    | 0.164   | 8.121   | 1.546  | 1.387 | 1.847 | 1.202 | 0.071 |
| LAML   | Tumor  | 173    | 0.782   | 4.969   | 2.644  | 1.429 | 2.667 | 0.944 | 0.072 |
| LGG    | Tumor  | 523    | 0.057   | 4.983   | 0.595  | 0.377 | 0.698 | 0.46  | 0.02  |
| LIHC   | Normal | 50     | 0.029   | 3.146   | 1.025  | 0.737 | 1.207 | 0.746 | 0.106 |
| LIHC   | Tumor  | 371    | 0.057   | 6.329   | 1.17   | 1.442 | 1.487 | 1.195 | 0.062 |
| LUAD   | Normal | 59     | 1.208   | 5.34    | 2.398  | 0.939 | 2.598 | 0.833 | 0.108 |
| LUAD   | Tumor  | 515    | 0.138   | 6.576   | 3.635  | 1.758 | 3.592 | 1.199 | 0.053 |
| LUSC   | Normal | 50     | 0.687   | 6.176   | 2.914  | 1.078 | 3.071 | 1.097 | 0.155 |
| LUSC   | Tumor  | 498    | 0.275   | 7.076   | 3.201  | 1.848 | 3.186 | 1.276 | 0.057 |
| MESO   | Tumor  | 87     | 0.872   | 6.746   | 2.573  | 1.769 | 2.762 | 1.277 | 0.137 |
| OV     | Tumor  | 427    | 0       | 4.659   | 1.637  | 1.382 | 1.75  | 0.975 | 0.047 |
| PAAD   | Normal | 4      | 2.667   | 6.893   | 2.946  | 1.145 | 3.863 | 2.025 | 1.012 |
| PAAD   | Tumor  | 179    | 0.164   | 6.93    | 2.585  | 1.891 | 2.652 | 1.306 | 0.098 |
| PCPG   | Normal | 3      | 0.516   | 0.824   | 0.566  | 0.154 | 0.635 | 0.165 | 0.095 |
| PCPG   | Tumor  | 182    | 0.043   | 4.524   | 0.876  | 0.754 | 1.052 | 0.718 | 0.053 |
| PRAD   | Normal | 52     | 0.176   | 4.629   | 1.606  | 0.782 | 1.676 | 0.85  | 0.118 |
| PRAD   | Tumor  | 496    | 0.138   | 5.967   | 1.639  | 1.253 | 1.811 | 0.962 | 0.043 |
| READ   | Normal | 10     | 2.834   | 5.066   | 3.677  | 1.084 | 3.851 | 0.729 | 0.231 |
| READ   | Tumor  | 93     | 0.164   | 4.667   | 1.952  | 1.513 | 2.035 | 1.029 | 0.107 |
| SARC   | Normal | 2      | 0.506   | 1.356   | 0.931  | 0.425 | 0.931 | 0.601 | 0.425 |
| SARC   | Tumor  | 262    | 0       | 7.724   | 1.698  | 2.097 | 2.187 | 1.658 | 0.102 |
| SKCM   | Normal | 1      | 6.556   | 6.556   | 6.556  | 0     | 6.556 |       |       |
| SKCM   | Tumor  | 469    | 0.138   | 7.642   | 3.051  | 3.156 | 3.155 | 1.871 | 0.086 |
| STAD   | Normal | 36     | 0.124   | 6.233   | 3.071  | 3.792 | 2.976 | 1.982 | 0.33  |
| STAD   | Tumor  | 414    | 0.202   | 8.783   | 2.897  | 1.834 | 2.92  | 1.309 | 0.064 |
| TGCT   | Tumor  | 154    | 0.31    | 6.878   | 3.9    | 2.176 | 3.803 | 1.387 | 0.112 |
| THCA   | Normal | 59     | 1.275   | 6.82    | 3.696  | 1.814 | 3.9   | 1.315 | 0.171 |
| THCA   | Tumor  | 512    | 0.189   | 9.937   | 3.066  | 2.307 | 3.295 | 1.579 | 0.07  |
| THYM   | Normal | 2      | 5.852   | 6.146   | 5.999  | 0.147 | 5.999 | 0.207 | 0.147 |
| THYM   | Tumor  | 119    | 1.189   | 7.026   | 4.881  | 1.435 | 4.702 | 1.193 | 0.109 |
| UCEC   | Normal | 23     | 0.799   | 3.126   | 1.585  | 0.605 | 1.719 | 0.517 | 0.108 |
| UCEC   | Tumor  | 181    | 0       | 6.783   | 2.074  | 2.143 | 2.161 | 1.321 | 0.098 |
| UCS    | Tumor  | 57     | 0.138   | 4.871   | 0.941  | 1.116 | 1.218 | 1.007 | 0.133 |
| UVM    | Tumor  | 79     | 0       | 5.628   | 0.678  | 1.446 | 1.326 | 1.441 | 0.162 |