**Table S2.** Univariate Cox regression analysis to identify prognosis-related FRGs.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| id | HR | HR.95L | HR.95H | pvalue |
| FOXM1 | 1.699  | 1.401  | 2.061  | 7.130E-08 |
| CHAC1 | 1.660  | 1.360  | 2.027  | 6.190E-07 |
| CBS | 28.708  | 7.312  | 112.715  | 1.500E-06 |
| BID | 2.991  | 1.912  | 4.678  | 1.590E-06 |
| TAZ | 2.042  | 1.463  | 2.850  | 2.710E-05 |
| CD44 | 1.482  | 1.232  | 1.782  | 2.960E-05 |
| PSAT1 | 1.271  | 1.130  | 1.428  | 6.120E-05 |
| PRC1 | 1.912  | 1.389  | 2.631  | 6.980E-05 |
| SLC7A11 | 2.310  | 1.517  | 3.519  | 9.620E-05 |
| GOT1 | 0.633  | 0.500  | 0.800  | 1.347E-04 |
| HMGCR | 0.455  | 0.303  | 0.685  | 1.568E-04 |
| CDKN2A | 1.544  | 1.218  | 1.956  | 3.262E-04 |
| STYK1 | 2.974  | 1.574  | 5.620  | 7.868E-04 |
| EIF4A1 | 1.459  | 1.169  | 1.822  | 8.296E-04 |
| AKR1C1 | 0.701  | 0.567  | 0.866  | 1.025E-03 |
| TFAP2A | 1.396  | 1.140  | 1.710  | 1.259E-03 |
| MIOX | 0.871  | 0.798  | 0.951  | 2.014E-03 |
| PML | 2.237  | 1.309  | 3.821  | 3.226E-03 |
| CDH1 | 0.783  | 0.665  | 0.922  | 3.381E-03 |
| FDFT1 | 0.584  | 0.407  | 0.839  | 3.627E-03 |
| PEBP1 | 0.668  | 0.500  | 0.894  | 6.708E-03 |
| MYB | 2.316  | 1.244  | 4.310  | 8.054E-03 |
| ACO1 | 0.621  | 0.434  | 0.887  | 8.788E-03 |
| IFNG | 1.380  | 1.084  | 1.756  | 8.972E-03 |
| NOX4 | 0.748  | 0.598  | 0.935  | 1.067E-02 |
| PLIN2 | 0.856  | 0.758  | 0.966  | 1.209E-02 |
| ENPP2 | 0.858  | 0.760  | 0.968  | 1.314E-02 |
| TFAP2C | 1.451  | 1.079  | 1.951  | 1.384E-02 |
| MT1G | 1.099  | 1.012  | 1.192  | 2.440E-02 |
| TP63 | 3.901  | 1.163  | 13.087  | 2.751E-02 |
| EGFR | 0.783  | 0.630  | 0.973  | 2.760E-02 |
| PTGS2 | 1.164  | 1.004  | 1.351  | 4.471E-02 |

FRGs, ferroptosis-related genes.