**Supplementary Table 5. Correlation between features and gene expression.**

|  |  |  |
| --- | --- | --- |
| **Model** | **Feature description** | ***r*** |
| GOLM1 gene | GLCM autocorrelation of approximate | -0.22 |
| Horizontal wavelet coefficients | 0.22 |
| LBP#10 | 0.24 |
| STED7 | GLSZM small-zone low gray-level emphasis | -0.23 |
| GLRLM run percentage | 0.27 |
| GLSZM large-zone low gray-level emphasis | 0.21 |
| GLRLM high gray-level run emphasis | 0.31 |
| RND1 | FOS entropy | 0.25 |
| GLRLM high gray level run emphasis | 0.25 |
| Short-run low gray-level emphasis | 0.24 |
| LBP#10 | 0.24 |
| GLSZM large zone high gray-level emphasis | 0.25 |