| gene    | HR    | z      | pvalue    |
|---------|-------|--------|-----------|
| RHOV    | 1.205484 | 4.942623 | 7.71E-07  |
| GGTLC1  | 0.899824 | -4.92725 | 8.34E-07  |
| PLCD3   | 1.34788  | 4.811335 | 1.50E-06  |
| MYOZ1   | 0.822067 | -4.72713 | 2.28E-06  |
| PKP2    | 1.206925 | 4.684996 | 2.80E-06  |
| DKK1    | 1.11774  | 4.618511 | 3.87E-06  |
| NTSR1   | 1.110289 | 4.578397 | 4.69E-06  |
| LYPD3   | 1.178344 | 4.55477  | 5.24E-06  |
| FAM83A  | 1.20508  | 4.447914 | 8.67E-06  |
| ABCC12  | 0.931977 | -4.40046 | 1.08E-05  |
| CREG2   | 1.154105 | 4.390937 | 1.13E-05  |
| VAX1    | 1.065737 | 4.325541 | 1.52E-05  |
| ABCC2   | 1.103584 | 4.074084 | 4.62E-05  |
| KRT6C   | 1.064979 | 4.043955 | 5.26E-05  |
| TNS4    | 1.127659 | 3.980635 | 6.87E-05  |
| KRT6A   | 1.078511 | 3.979628 | 6.90E-05  |
| KNYU    | 1.171153 | 3.961152 | 7.46E-05  |
| CTSV    | 1.170745 | -3.953   | 7.72E-05  |
| FCER2   | 0.893195 | -3.91678 | 8.97E-05  |
| MS4A1   | 0.887484 | -3.88556 | 0.000102  |
| PLA2G1B | 0.914278 | 3.851885 | 0.000117  |
| FETUB   | 1.098834 | 3.836151 | 0.000125  |
| KRT81   | 1.103584 | 3.80241  | 0.000145  |
| IL1R2   | 1.171662 | 3.739056 | 0.000185  |
| TMPRSS11| 1.065895 | 3.736571 | 0.000187  |
| AKAP12  | 1.179634 | 3.736571 | 0.000187  |
| MYBPHL  | 0.924786 | -3.71272 | 0.000205  |
| DNER    | 1.118566 | 3.654266 | 0.000258  |
| KCNK17  | 0.866816 | -3.65221 | 0.00026   |
| GJB3    | 1.117914 | 3.642514 | 0.00027   |
| CYP17A1 | 0.903895 | -3.63284 | 0.00028   |
| GFIB1   | 0.918293 | -3.62996 | 0.000283  |
| 4-Mar   | 1.13977  | 3.611147 | 0.000305  |
| AHNAK2  | 1.166732 | 3.508992 | 0.000342  |
| TRIM7   | 1.168357 | 3.554636 | 0.000379  |
| ACSM5   | 0.900155 | -3.51789 | 0.000435  |
| IGF2BP1 | 1.061563 | 3.507349 | 0.000453  |
| GRAMD1E | 1.164665 | 3.484385 | 0.000493  |
| CD1C    | 0.876786 | -3.45333 | 0.000554  |
| SPOCK1  | 1.124376 | 3.453018 | 0.000554  |
| SH2D5   | 1.112171 | 3.438359 | 0.000585  |
| STC1    | 1.18004  | 3.436596 | 0.000589  |
| SFTPC   | 0.947918 | -3.40892 | 0.000652  |
| HPGDS   | 0.861012 | -3.39663 | 0.000675  |
| SCGB3A1 | 0.931292 | -3.39668 | 0.000677  |
| CEACAM8 | 0.942073 | -3.39607 | 0.000684  |
| C1QL2   | 0.950055 | -3.36721 | 0.000759  |
| FCAMR   | 0.932598 | -3.34097 | 0.000835  |
| SPRR1B  | 1.048556 | 3.325931 | 0.000881  |
| STAR    | 0.889991 | -3.29716 | 0.000977  |