

| id | futime | fustat | AL136084.3 | AL731567.1 | AC006160.1 | AC012568.1 | AC034236.2 |
|---------------------------|---------------------------|-------------------|----------------------------|--------------------|------------|------------|------------|
| TCGA-CF-A47X | 1.05205479452055 | 0 | 0.1634272 | 4.1618040.3443737 | | | |
| 0.03040022 | 1.8448590.304943347874197 | low | | | | | |
| TCGA-BL-A0C8 | 3.33972602739726 | 0 | 1.87479915.6686446666667 | 1.045091 | | | |
| 4.18296566666667 | 0.7392174 | 0.422489915703895 | low | | | | |
| TCGA-G2-A3IB | 0.602739726027397 | 1 | 0.03671464 | 0.06977371 | 0.1289418 | | |
| 0.06829546 | 0.1501652 | 0.850740684333934 | high | | | | |
| TCGA-2F-A9KP | 0.997260273972603 | 1 | 0.8243399 | 2.00177 | 0 | 0.08518955 | |
| 0.9115811 | 0.733241497242039 | high | | | | | |
| TCGA-FD-A43P | 2.27945205479452 | 0 | 0.4644774 | 2.7839250.2091339 | 0 | | |
| 1.1593290.491643163410303 | low | | | | | | |
| TCGA-CF-A47W | 1.00821917808219 | 0 | 0 | 2.7828770.06949671 | 0.1104291 | | |
| 2.8705160.300307185218852 | low | | | | | | |
| TCGA-GC-A3I6 | 1.72602739726027 | 1 | 0.04440425 | 0.9282603 | 0.3378867 | | |
| 0.1238991 | 1.2592050.454217517071441 | low | | | | | |
| TCGA-FD-A6TA | 5.23835616438356 | 0 | 0.5686815 | 2.5937780.1331473 | | | |
| 0.1057844 | 0.7443016 | 0.644203189599722 | high | | | | |
| TCGA-PQ-A6FN | 1.38904109589041 | 0 | 0.3351258 | 0 | 0.03269338 | 0 | |
| 0.7919515 | 0.76267139720969 | high | | | | | |
| TCGA-XF-AAMY | 8.24931506849315 | 0 | 1.20737215.373350.04711435 | 0.0748639 | | | |
| 1.5802330.278418906243116 | low | | | | | | |
| TCGA-K4-A3WS | 2.08493150684932 | 0 | 1.11641712.6378 | 0.4545920 | 1.29707 | | |
| 0.232366421445017 | low | | | | | | |
| TCGA-ZF-A9RN | 1.68493150684932 | 1 | 0.2141667 | 0.8140188 | 0.09401917 | 0 | |
| 0.4525767 | 0.762988178584598 | high | | | | | |
| TCGA-UY-A9PF | 0.320547945205479 | 0 | 0.4128858 | 7.9250850.04833517 | | | |
| 0.07680376 | 0.5178768 | 0.552313125325991 | low | | | | |
| TCGA-XF-AAMQ | 5.96438356164384 | 0 | 0.5717038 | 4.1286420.1338549 | 0 | | |
| 0.8807611 | 0.549581560981729 | low | | | | | |
| TCGA-CF-A1HR | 1.06575342465753 | 0 | 0.7825291 | 1.31555 | 0.1409355 | 0 | |
| 0.5416387 | 0.73532904164239 | high | | | | | |
| TCGA-G2-A2EJ | 4 | 0 | 0.1043501 | 0.3305174 | 0.1832388 | 0.03235149 | |
| 0.6544244 | 0.665155090649587 | high | | | | | |
| TCGA-FD-A43N | 1.91506849315068 | 0 | 1.0865033.5102050.08479555 | 0 | | | |
| 1.0072760.606680057481719 | high | | | | | | |
| TCGA-CU-A0YR | 1.26027397260274 | 1 | 1.5948690.2612881 | 0.06438139 | | | |
| 0.1023009 | 0.2849176 | 1.03923160607369 | high | | | | |
| TCGA-SY-A9G5 | 3.24931506849315 | 0 | 0.2334165 | 0.8871850.2049397 | 0 | | |
| 0.5250785 | 0.665887372045942 | high | | | | | |
| TCGA-4Z-AA84 | 1.26027397260274 | 0 | 0.3214093 | 1.6288450.1567763 | 0 | | |
| 2.5999550.32631624944813 | low | | | | | | |
| TCGA-FD-A5BT | 0.898630136986301 | 1 | 1.8084290.1610999 | 0 | 0 | 0.6009726 | |
| 0.995558624649893 | high | | | | | | |

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|--------------|---------------------------|---------------------------|---------------------------|--------------------|-------------|----------|
| TCGA-E7-A6MF | 2.05479452054795 | 0 | 0 | 1.4103550.05791858 | 0.04601582 | |
| | 1.3220540.555593675251966 | low | | | | |
| TCGA-FT-A61P | 0.923287671232877 | 0 | 0.557654392 | 0.529892377 | 0.148369865 | 0 |
| | 0.373228544 | 0.787090932838872 | high | | | |
| TCGA-DK-AA6U | 1.58356164383562 | 0 | 0.2072617 | 3.0723180.09705374 | 0 | |
| | 1.0963760.535661744224967 | low | | | | |
| TCGA-BT-A20O | 1.01369863013699 | 1 | 0.906196342 | 0.645812003 | 0.331516828 | 0 |
| | 0.679506543 | 0.611543347474527 | high | | | |
| TCGA-GD-A3OS | 1.74794520547945 | 0 | 0.03128782 | 0.2973021 | 0.09156903 | 0 |
| | 1.4588480.540071391062874 | low | | | | |
| TCGA-E7-A678 | 2.18630136986301 | 0 | 0 | 3.4798770.1128213 | 0 | 2.224892 |
| | 0.33821336225344 | low | | | | |
| TCGA-XF-A9SH | 5.4 1 | 0.2504942 | 5.0778390.0977484 | 0 | 1.297747 | |
| | 0.449269729873914 | low | | | | |
| TCGA-FD-A5BU | 1.61095890410959 | 0 | 0.5896405 | 0.5093510 | 0 | 1.008515 |
| | 0.731622666555142 | high | | | | |
| TCGA-C4-A0F7 | 0.16986301369863 | 1 | 0.8306518 | 0.2721721 | 0.0502974 | 0 |
| | 0.7419648 | 0.797483229719269 | high | | | |
| TCGA-ZF-AA5H | 2.45753424657534 | 0 | 0.3296938 | 1.12781 | 0.0771923 | 0 |
| | 0.6472646 | 0.721896576871893 | high | | | |
| TCGA-DK-A3WX | 0.879452054794521 | 1 | 0.9743899 | 1.2479270.07439255 | 0 | |
| | 0.5544787 | 0.802497176600151 | high | | | |
| TCGA-YF-AA3L | 0.997260273972603 | 0 | 0.2083021 | 0.8412115 | 0.335297 | |
| | 0.09686932 | 1.0223620.503714548777701 | low | | | |
| TCGA-4Z-AA87 | 3.98356164383562 | 0 | 0.0419546 | 7.2556040.3192466 | 0 | |
| | 0.7092673 | 0.385140122759084 | low | | | |
| TCGA-DK-A2I6 | 7.27671232876712 | 0 | 0.1212986 | 0.4898548 | 0.03550007 | 0 |
| | 0.4961189 | 0.801084726831554 | high | | | |
| TCGA-ZF-AA4X | 5.6 0 | 0.04795873 | 15.129630.1965029 | 0 | 1.516926 | |
| | 0.212875353536435 | low | | | | |
| TCGA-BT-A20P | 1.49041095890411 | 1 | 0.08240554 | 2.19248675 | 0.19293883 | |
| | 0.07664413 | 1.79756678 | 0.401390093561478 | low | | |
| TCGA-BT-A20W | 0.695890410958904 | 1 | 1.0049273.5649520.3529302 | 0.1246223 | | |
| | 0.7855073 | 0.513664897632209 | low | | | |
| TCGA-BL-A13J | 0.221917808219178 | 1 | 0.39174482 | 14.7993753333333 | | |
| | 0.472614706666667 | 11.8219883333333 | 0.4822664 | 4.90284652098401 | | |
| | high | | | | | |
| TCGA-CF-A8HX | 0.945205479452055 | 0 | 0.04995679 | 11.060450.2924137 | | |
| | 0.04646405 | 3.5416570.120023409766426 | low | | | |
| TCGA-FJ-A3Z7 | 2.58904109589041 | 0 | 1.1765329.6623710.2705464 | 0 | | |
| | 0.9967901 | 0.366613077096111 | low | | | |
| TCGA-E7-A7PW | 1.13972602739726 | 0 | 0.1230111 | 8.5327670.1800063 | | |
| | 0.0572054 | 2.0124930.266628978232219 | low | | | |
| TCGA-CF-A3MH | 1.09041095890411 | 0 | 0.1151395 | 4.0845430.08985995 | 0 | |

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|---------------------------|-------------------|-------------------|----------------------------|--------------------|-------------|-----------|
| 0.3348818 | 0.660134833454102 | high | | | | |
| TCGA-DK-A6B2 | 1.30684931506849 | 0 | 0.3971613 | 1.1741 | 0.1291510 | |
| 0.5896022 | 0.703946908527415 | high | | | | |
| TCGA-GU-AATO | 0.887671232876712 | 1 | 0.07412371 | 1.1973710.04338708 | 0 | |
| 0.6467639 | 0.721212078499695 | high | | | | |
| TCGA-4Z-AA7O | 1.4027397260274 | 0 | 0.6232784 | 12.897880.08107236 | 0 | |
| 0.6609160.389919270197883 | | low | | | | |
| TCGA-GD-A6C6 | 0.183561643835616 | 0 | 0 | 0.5226101 | 0 | 1.244721 |
| 0.627010631525902 | | high | | | | |
| TCGA-YF-AA3M | 1.13698630136986 | 0 | 0.2379443 | 1.4319580.2785534 | 0 | |
| 0.6920582 | 0.567285408350302 | low | | | | |
| TCGA-FD-A62O | 0.591780821917808 | 1 | 0.5738621 | 0.7931538 | 0.06107284 | 0 |
| 0.7397021 | 0.744401936265708 | high | | | | |
| TCGA-CU-AOYO | 0.408219178082192 | 1 | 1.1916261.1815330 | 0.3373126 | 0.66397 | |
| 0.931628848305914 | | high | | | | |
| TCGA-K4-AAQO | 0.983561643835616 | 0 | 0.9917667 | 2.1465620 | 0 | 0.8413248 |
| 0.744561705838062 | | high | | | | |
| TCGA-XF-AAMJ | 4.57534246575342 | 1 | 2.31559492 | 1.53355384 | 0.04107257 | 0 |
| 1.28192346 | 0.741645269926123 | high | | | | |
| TCGA-GU-A763 | 2.73150684931507 | 0 | 0 | 1.8880290.2326052 | 0 | 1.607288 |
| 0.407652385609391 | | low | | | | |
| TCGA-G2-A2EC | 1.90684931506849 | 1 | 1.4928064.14348 | 0.06898335 | 0.2192267 | |
| 0.6319903 | 0.753677277209956 | high | | | | |
| TCGA-FD-A3B7 | 0.334246575342466 | 1 | 3.3664750.3594247 | 0.1549839 | 0 | |
| 0.2681621 | 1.14544679462498 | high | | | | |
| TCGA-CU-AOYN | 1.07671232876712 | 1 | 0.5784328 | 0.7610349 | 0.07813292 | 0 |
| 0.5823572 | 0.775518746058729 | high | | | | |
| TCGA-UY-A9PD | 1.48493150684931 | 0 | 0.6899259 | 4.0791580.3140952 | 0 | |
| 1.2123460.416658577387681 | | low | | | | |
| TCGA-K4-A54R | 2.30684931506849 | 0 | 0.4905859 | 0.4078924 | 0.3230508 | 0 |
| 0.4681896 | 0.640378692285211 | high | | | | |
| TCGA-DK-A1AA | 1.58356164383562 | 0 | 0.1292788 | 4.9444250.1135068 | | |
| 0.03006006 | 0.4670699 | 0.592903331606097 | high | | | |
| TCGA-BT-A3PH | 0.389041095890411 | 1 | 0.3060499 | 4.0713910.01990458 | | |
| 0.03162804 | 0.4450713 | 0.701924622926615 | high | | | |
| TCGA-CF-A3MF | 1.04931506849315 | 0 | 0.04923692 | 12.959650.02882001 | 0 | |
| 2.0540970.233873463294738 | | low | | | | |
| TCGA-YC-A8S6 | 0.802739726027397 | 0 | 3.9053133.0361850.20781 | 0.06604131 | | |
| 0.8712531 | 0.824074564998589 | high | | | | |
| TCGA-C4-A0F6 | 1.91780821917808 | 0 | 0.5357591.5272610.08959931 | 0 | | |
| 0.9391232 | 0.645317277858606 | high | | | | |
| TCGA-FD-A3B6 | 2.75342465753425 | 1 | 0.299657676 | 0.488125119 | 0.150342537 | |
| 0.119445871 | 0.87544179 | 0.659316669867655 | high | | | |
| TCGA-E7-A6ME | 2.0027397260274 | 0 | 0.3452732 | 3.7182890.1684166 | 0.1070445 | |

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|--------------|---------------------------|---------------------------|---------------------------|--------------------|-------------|----------|-----------|--|--|
| | 2.05552 | 0.3592334429712 | low | | | | | | |
| TCGA-ZF-A9R2 | 1.75890410958904 | 0 | 0.05813813 | 3.0384090.1020906 | | | | | |
| | 0.05407339 | 0.6658080.618846223075809 | high | | | | | | |
| TCGA-ZF-AA4T | 1.64109589041096 | 1 | 0.1711949 | 6.50689 | 0.03340204 | 0 | | | |
| | 0.6068382 | 0.559254314508975 | low | | | | | | |
| TCGA-FD-A6TE | 1.03013698630137 | 0 | 0 | 4.8244550.4043353 | 0 | 1.582182 | | | |
| | 0.296009200812073 | low | | | | | | | |
| TCGA-H4-A2HO | 0.126027397260274 | 0 | 0.3992276 | 5.7851280.05842031 | 0 | | | | |
| | 0.9661122 | 0.513968673327618 | low | | | | | | |
| TCGA-FD-A6TB | 1.56712328767123 | 0 | 1.3298912.6145190.2147392 | 0 | | | | | |
| | 0.8127745 | 0.618228189111424 | high | | | | | | |
| TCGA-XF-AAMH | 0.942465753424658 | 1 | 0.04736439 | 0.1350193 | 0 | 0 | | | |
| | 1.4077230.608124568122603 | high | | | | | | | |
| TCGA-XF-A9SY | 1.75342465753425 | 0 | 0.621499286 | 0.531502961 | 0.436541098 | 0 | | | |
| | 0.457554723 | 0.580139165352952 | low | | | | | | |
| TCGA-CF-A9FF | 0.989041095890411 | 0 | 0.3374108 | 11.798570.2764969 | | | | | |
| | 0.06276414 | 1.76644 | 0.227358133627294 | low | | | | | |
| TCGA-GC-A3RC | 1.32602739726027 | 0 | 0.2743825 | 0.1303614 | 0.1070701 | 0 | | | |
| | 0.1496322 | 0.87620462069355 | high | | | | | | |
| TCGA-GU-A764 | 1.67123287671233 | 0 | 0.9072538 | 0.7389322 | 0.0758637 | 0 | | | |
| | 0.8599457 | 0.733987079963274 | high | | | | | | |
| TCGA-GU-A42R | 1.58082191780822 | 1 | 0.1339928 | 9.5916040.3137218 | | | | | |
| | 0.4569571 | 1.8633320.257634598421811 | low | | | | | | |
| TCGA-DK-A6B6 | 3.05479452054795 | 0 | 0 | 7.1720260.1795922 | 0 | 1.355308 | | | |
| | 0.351706213846733 | low | | | | | | | |
| TCGA-R3-A69X | 1.18630136986301 | 0 | 1.3298851.5490260.1255526 | 0 | | | | | |
| | 0.6316623 | 0.762300231809235 | high | | | | | | |
| TCGA-5N-A9KM | 1.45205479452055 | 1 | 0.1012808 | 0.2405967 | 0.2074906 | | | | |
| | 0.04709987 | 0.8284896 | 0.615962528828036 | high | | | | | |
| TCGA-FD-A6TF | 0.189041095890411 | 1 | 1.1769991.9054290.1275809 | 0 | | | | | |
| | 0.8677087 | 0.674201411419768 | high | | | | | | |
| TCGA-XF-A8HF | 8.09315068493151 | 1 | 0.1477172 | 3.5090820.1152851 | 0 | | | | |
| | 0.8592675 | 0.554541897073125 | low | | | | | | |
| TCGA-ZF-AA4U | 0.717808219178082 | 1 | 0 | 0.7684765 | 0 | 0 | 0.8526748 | | |
| | 0.710227248371722 | high | | | | | | | |
| TCGA-XF-A9T6 | 0.175342465753425 | 0 | 0.1089876 | 1.9158930.06379405 | 0 | | | | |
| | 1.2778620.546555015078812 | low | | | | | | | |
| TCGA-ZF-AA56 | 0.70958904109589 | 1 | 1.218420176 | 1.603056315 | 0.109720299 | | | | |
| | 0.043585924 | 0.293893658 | 0.867450199877218 | high | | | | | |
| TCGA-XF-A8HH | 0.156164383561644 | 1 | 1.4732846.4293470.1596967 | 0 | | | | | |
| | 1.8003070.380734756720067 | low | | | | | | | |
| TCGA-BT-A42F | 2.36712328767123 | 0 | 0.212560756 | 0.363561709 | 0.174186455 | 0 | | | |
| | 0.463672905 | 0.719835131431323 | high | | | | | | |
| TCGA-ZF-A9RF | 5.33972602739726 | 0 | 0.04857409 | 0.8308063 | 0.2558883 | 0 | | | |

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|--------------|---------------------------|---------------------------|----------------------------|--------------------|-------------|---|--|--|
| | 0.9801106 | 0.529475818413498 | low | | | | | |
| TCGA-ZF-A9RC | 7.85753424657534 | 0 | 0.5073308 | 11.630040.1855985 | 0 | | | |
| | 1.2450090.302780552200875 | low | | | | | | |
| TCGA-E7-A6MD | 0.353424657534247 | 0 | 1.4313174.1305560.4964727 | 0.09861084 | | | | |
| | 2.7174940.229033145054197 | low | | | | | | |
| TCGA-E5-A4TZ | 1.27945205479452 | 1 | 0.1058505 | 1.0728630.08261042 | | | | |
| | 0.1640832 | 0.9043532 | 0.667630557422683 | high | | | | |
| TCGA-ZF-A9R4 | 2.52328767123288 | 0 | 0.2231192 | 3.9858170.1044793 | | | | |
| | 0.04150395 | 0.8395657 | 0.560680382482718 | low | | | | |
| TCGA-GV-A3QH | 0.706849315068493 | 1 | 0.03383643 | 4.1154470.2376671 | | | | |
| | 0.1258830.4244055 | 0.564643171031619 | low | | | | | |
| TCGA-BT-A0YX | 1.0958904109589 | 1 | 0.1931212 | 0.7799047 | 0.05652015 | | | |
| | 0.04490478 | 0.4081036 | 0.812733082410719 | high | | | | |
| TCGA-ZF-A9RL | 7.40547945205479 | 0 | 0.2322183 | 4.4683170.1699064 | 0 | | | |
| | 0.9814469 | 0.482622231202275 | low | | | | | |
| TCGA-ZF-A9R9 | 2.36712328767123 | 1 | 0.8674713.2971410.04231331 | 0 | | | | |
| | 0.4927792 | 0.7472045644361 | high | | | | | |
| TCGA-CF-A5U8 | 1.09315068493151 | 0 | 0.05138168 | 12.645340.1503770 | | | | |
| | 2.5218510.179137105808068 | low | | | | | | |
| TCGA-XF-AAMW | 0.693150684931507 | 1 | 1.033124854 | 1.208236593 | 0.093034218 | 0 | | |
| | 0.541736516 | 0.798785678673166 | high | | | | | |
| TCGA-BT-A3PJ | 2.16164383561644 | 0 | 0.27979411 | 0.199398724 | 0.286602433 | 0 | | |
| | 0.438677193 | 0.661456153791696 | high | | | | | |
| TCGA-ZF-A9R7 | 1.82191780821918 | 0 | 0.1482325 | 2.6762060.8242713 | | | | |
| | 0.06893438 | 2.3038640.177035599736738 | low | | | | | |
| TCGA-FD-A3SO | 0.46027397260274 | 1 | 0.843170521 | 0.40059725 | 0.137093281 | 0 | | |
| | 0.702496627 | 0.73850588094118 | high | | | | | |
| TCGA-E7-A97P | 1.1972602739726 | 1 | 1.106710151 | 0.09560129 | 0.235561579 | 0 | | |
| | 0.397784498 | 0.783178119677522 | high | | | | | |
| TCGA-2F-A9KQ | 7.90684931506849 | 0 | 0.6155728 | 17.502830.02771656 | 0 | | | |
| | 1.2265870.261622251543173 | low | | | | | | |
| TCGA-S5-AA26 | 1.37808219178082 | 0 | 0.1366005 | 5.2569010.1599136 | 0.12705 | | | |
| | 2.7004050.26019051998653 | low | | | | | | |
| TCGA-E7-A7DU | 0.0767123287671233 | 0 | 0.1665694 | 5.3022790.09749862 | 0 | | | |
| | 1.4079770.422751931278718 | low | | | | | | |
| TCGA-DK-A3WY | 13.6082191780822 | 0 | 0.5481172 | 4.9478850.2673594 | 0 | | | |
| | 1.8931040.321857351277502 | low | | | | | | |
| TCGA-G2-A2EF | 5.16164383561644 | 0 | 0.1453262 | 0.3590374 | 1.003758 | | | |
| | 0.02703313 | 0.2932339 | 0.338194859469244 | low | | | | |
| TCGA-BT-A20V | 0.421917808219178 | 1 | 0.06854207 | 0.6512980.1203599 | 0 | | | |
| | 0.4485461 | 0.738257606739779 | high | | | | | |
| TCGA-K4-A3WV | 1.76986301369863 | 0 | 0 | 0.1408407 | 0.2313544 | 0 | | |
| | 0.7409447 | 0.609136051230414 | high | | | | | |
| TCGA-GU-AATQ | 0.583561643835616 | 1 | 0.2862256 | 0.4532937 | 0.3909205 | 0 | | |

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|--------------|---------------------------|-------------------|---------------------------|--------------------|--------------------|------------|--|--|
| | 0.2081209 | 0.639135747028854 | high | | | | | |
| TCGA-G2-A3VY | 1.46849315068493 | 0 | 0.03635777 | 3.8348 | 0.2340955 | | | |
| | 0.06763161 | 0.6146495 | 0.530397774965411 | low | | | | |
| TCGA-CU-A3QU | 0.432876712328767 | 0 | 0.03698215 | 4.67376 | 0.06494066 | | | |
| | 0.03439654 | 0.3226865 | 0.657468022039173 | high | | | | |
| TCGA-GD-A3OP | 0.175342465753425 | 0 | 0.6994113 | 2.2469540.1364629 | 0 | | | |
| | 1.2895560.534112719688837 | low | | | | | | |
| TCGA-4Z-AA80 | 0.0520547945205479 | 1 | 0.1766703 | 0.2238333 | 0.2757626 | 0 | | |
| | 0.6262467 | 0.617324465034347 | high | | | | | |
| TCGA-G2-A3IE | 1.67671232876712 | 1 | 0.1665933 | 10.803960.1218908 | | | | |
| | 0.07747296 | 0.5451017 | 0.422399131146494 | low | | | | |
| TCGA-FD-A43S | 1.24657534246575 | 0 | 1.24348 | 1.13613 | 0.08398271 | 0.04448237 | | |
| | 1.9561190.509921128099847 | low | | | | | | |
| TCGA-XF-A8HG | 1.27945205479452 | 1 | 0 | 9.0183180.2496757 | 0.1487739 | | | |
| | 0.6106199 | 0.40061023268362 | low | | | | | |
| TCGA-GD-A2C5 | 2.22465753424658 | 0 | 1.1403426.9658190.1668701 | 0 | | | | |
| | 1.0771780.45515565618374 | low | | | | | | |
| TCGA-XF-AAMX | 0.564383561643836 | 1 | 1.48558 | 3.33143 | 0.2086943 | 0 | | |
| | 0.4536834 | 0.691382104550717 | high | | | | | |
| TCGA-DK-A1AE | 1.34520547945205 | 0 | 0.2743487 | 0.1042763 | 0.1445269 | | | |
| | 0.05103351 | 0.5460902 | 0.745112454603334 | high | | | | |
| TCGA-KQ-A41Q | 0.989041095890411 | 0 | 0.05190536 | 11.146620.06076388 | | | | |
| | 0.04827638 | 0.7076538 | 0.407060314018876 | low | | | | |
| TCGA-DK-A1AF | 1.46849315068493 | 0 | 3.5709262.0545690.1150559 | 0.06094061 | | | | |
| | 0.5717062 | 1.01551731956036 | high | | | | | |
| TCGA-K4-A4AB | 0.208219178082192 | 0 | 0.5468671 | 0.1417206 | 0.2036997 | 0 | | |
| | 0.6777941 | 0.68312741066513 | high | | | | | |
| TCGA-DK-A1AG | 1.3013698630137 | 0 | 0.081730177 | 4.931496254 | 0.095678793 | 0 | | |
| | 2.039117143 | 0.342561846269707 | low | | | | | |
| TCGA-GV-A3JZ | 1.65205479452055 | 0 | 0.5898803 | 1.4635640.01918203 | | | | |
| | 0.03047993 | 0.6433726 | 0.781054280728537 | high | | | | |
| TCGA-XF-A9SV | 1.06301369863014 | 1 | 0.2886571 | 0.1828578 | 0 | 0 | | |
| | 0.6821392 | 0.805981879841308 | high | | | | | |
| TCGA-FD-A6TH | 0.358904109589041 | 1 | 0.6634293 | 1.5009560.01849178 | 0 | | | |
| | 0.3014964 | 0.880724160147312 | high | | | | | |
| TCGA-DK-AA6W | 1.13698630136986 | 1 | 0.6871186 | 1.1970040.4021934 | 0 | | | |
| | 1.0148510.479277004739433 | low | | | | | | |
| TCGA-DK-A3X1 | 5.5041095890411 | 0 | 0.1914294 | 2.0918430.1400625 | 0 | | | |
| | 1.2788320.507073618814003 | low | | | | | | |
| TCGA-E7-A541 | 2.13150684931507 | 1 | 0.1640528 | 6.0795420.3520938 | 0 | | | |
| | 0.9542916 | 0.370128963589957 | low | | | | | |
| TCGA-DK-AA6Q | 1.13150684931507 | 1 | 0.059338519 | 0.620228804 | 0.104198439 | 0 | | |
| | 0.695734919 | 0.687953166660672 | high | | | | | |
| TCGA-UY-A78N | 7.23561643835616 | 1 | 0.07899331 | 2.02664 | 0.1618310.03673524 | | | |

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|--------------|---------------------------|---------------------------|---------------------------|----------------------------|-------------|---|----------|--|
| | 1.3785070.478949574334953 | low | | | | | | |
| TCGA-DK-AA75 | 0.931506849315068 | 1 | 0.6121971 | 2.07757 | 0.2047653 | 0 | | |
| | 1.2161920.511941852304286 | low | | | | | | |
| TCGA-ZF-AA5P | 1.01917808219178 | 0 | 3.4438130.6041294 | 0.06202395 | 0 | | | |
| | 1.1557260.914321688565968 | high | | | | | | |
| TCGA-GC-A3WC | 1.47945205479452 | 0 | 0.1945023 | 0.8316868 | 0.4838569 | 0 | | |
| | 1.7103820.333059143051597 | low | | | | | | |
| TCGA-K4-A5RH | 0.756164383561644 | 0 | 0.6064176 | 0.5762280.2662173 | 0 | | | |
| | 0.9025484 | 0.583802678139559 | low | | | | | |
| TCGA-FD-A5C1 | 4.90958904109589 | 0 | 0.1963170.6529029 | 0.02872773 | | | | |
| | 0.09129574 | 0.7092715 | 0.765609109985741 | high | | | | |
| TCGA-XF-AAN7 | 1.54794520547945 | 1 | 0.3885729 | 0 | 0 | 0 | 1.324406 | |
| | 0.657095040411403 | high | | | | | | |
| TCGA-FD-A3SS | 1.07123287671233 | 1 | 0.3839693 | 0.6302022 | 0.2451818 | 0 | | |
| | 0.7328805 | 0.614277805479199 | high | | | | | |
| TCGA-HQ-A2OE | 3.21643835616438 | 0 | 0.3599777 | 2.7120220.1053535 | | | | |
| | 0.02391499 | 0.2594108 | 0.745450794088147 | high | | | | |
| TCGA-GV-A3JV | 1.18904109589041 | 1 | 0.1451146 | 5.7913930.08494042 | 0 | | | |
| | 0.7122334 | 0.531036684370399 | low | | | | | |
| TCGA-CU-A3YL | 2.48219178082192 | 0 | 0.09337902 | 1.2865890.2186314 | 0 | | | |
| | 2.8771760.276159695733328 | low | | | | | | |
| TCGA-FD-A43U | 1.74246575342466 | 0 | 0.3910596 | 1.1147740.2575128 | | | | |
| | 0.09092965 | 1.3728680.483163847683273 | low | | | | | |
| TCGA-GU-A42P | 0.90958904109589 | 1 | 0.1348575 | 2.6269480.4144171 | | | | |
| | 0.03135723 | 1.1031510.400660684851423 | low | | | | | |
| TCGA-XF-A9SL | 5.53424657534247 | 1 | 1.9557420.8313797 | 0.09037586 | 0 | | | |
| | 1.75419 | 0.595578393441225 | high | | | | | |
| TCGA-XF-AAN2 | 5.12054794520548 | 1 | 0.2355634 | 1.1937930.5055714 | | | | |
| | 0.0730313 | 0.9634689 | 0.425629201727032 | low | | | | |
| TCGA-GU-A766 | 1.31506849315068 | 0 | 1.3441120.8651979 | 0.4060662 | | | | |
| | 0.04032702 | 1.1113230.51350016399905 | low | | | | | |
| TCGA-FD-A6TD | 1.05753424657534 | 1 | 0.4876876 | 1.7609530.1427299 | | | | |
| | 0.04535908 | 0.5452105 | 0.698708666368553 | high | | | | |
| TCGA-FD-A3B4 | 1.3972602739726 | 1 | 0.226012233 | 0.245440619 | 0.170090349 | 0 | | |
| | 0.607465533 | 0.692609947725306 | high | | | | | |
| TCGA-BT-A20X | 0.687671232876712 | 1 | 1.7076210.2318014 | 0.04079705 | 0 | | | |
| | 1.14029 | 0.778570324836112 | high | | | | | |
| TCGA-GV-A3JW | 1.77808219178082 | 0 | 0.4503216 | 2.9240040.3514510.03490311 | | | | |
| | 1.8520760.334818211120196 | low | | | | | | |
| TCGA-FD-A6TI | 0.805479452054795 | 1 | 0.4575304 | 0.4347529 | 0.0824024 | | | |
| | 0.16367 | 1.3243240.621902299626516 | high | | | | | |
| TCGA-FD-A3SP | 2.14520547945205 | 0 | 1.0067521.3950880.1473213 | 0 | | | | |
| | 0.5833375 | 0.736419485634181 | high | | | | | |
| TCGA-E7-A97Q | 0.673972602739726 | 1 | 0.7022613 | 2.1448940.4991406 | | | | |

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|---------------------------|---------------------------|-------------------|---------------------------|----------------------------|-------------|------------|-----------|
| 0.04665447 | 1.1078840.405935329920668 | low | | | | | |
| TCGA-YC-A9TC | 0.0547945205479452 | 1 | 0.08968993 | 8.3946480.3937388 | 0 | | |
| 1.3695260.268144931307371 | low | | | | | | |
| TCGA-ZF-AA52 | 2.95068493150685 | 1 | 0.4905604 | 1.9810890 | 0 | 1.103532 | |
| 0.645260417469705 | high | | | | | | |
| TCGA-K4-A5RJ | 1.47671232876712 | 0 | 0.746258767 | 1.418214714 | 0.691616042 | 0 | |
| 1.390467034 | 0.314462084452864 | low | | | | | |
| TCGA-BT-A3PK | 0.83013698630137 | 1 | 1.6843510.2353674 | 0.08699179 | 0 | | |
| 0.4525194 | 0.945107375442638 | high | | | | | |
| TCGA-FD-A3N6 | 2.33150684931507 | 0 | 0 | 0.06187816 | 0.1334093 | 0.03028359 | |
| 1.2695780.563419245146901 | low | | | | | | |
| TCGA-CF-A9FL | 1.54794520547945 | 1 | 0.5145605 | 7.8719970.1204758 | 0 | | |
| 1.2627510.39412412692667 | low | | | | | | |
| TCGA-CF-A9FM | 1.09041095890411 | 0 | 0.2114077.0811060.1237436 | 0.1474698 | | | |
| 2.3922480.275876891368207 | low | | | | | | |
| TCGA-G2-AA3D | 5.86027397260274 | 0 | 0.05325702 | 9.4632660.1246924 | | | |
| 0.09906709 | 1.0600790.375014839037211 | low | | | | | |
| TCGA-DK-A2I2 | 0.649315068493151 | 1 | 0.4017016 | 0.9754644 | 0.05225097 | 0 | |
| 0.8397477 | 0.703106347851577 | high | | | | | |
| TCGA-MV-A51V | 1.12328767123288 | 0 | 0.05661127 | 12.049620.1656823 | | | |
| 0.2106131 | 0.5248322 | 0.388614652385996 | low | | | | |
| TCGA-DK-A3X2 | 1.4986301369863 | 1 | 0.08493605 | 0.6053072 | 0.0497159 | | |
| 0.03949886 | 0.4284523 | 0.808486617742408 | high | | | | |
| TCGA-GC-A6I1 | 0.003 | 0 | 0.05162584 | 0.1962229 | 0.09065498 | 0 | 0.6475355 |
| 0.725026958922457 | high | | | | | | |
| TCGA-K4-A5RI | 0.975342465753425 | 1 | 0.3191140.8230457 | 0.08005202 | 0 | | |
| 0.6090915 | 0.740914397681467 | high | | | | | |
| TCGA-GV-A3QF | 1.69041095890411 | 1 | 0.3789178 | 3.1504720.3604140.08810643 | | | |
| 0.8007287 | 0.476999236182209 | low | | | | | |
| TCGA-E7-A7DV | 0.101369863013699 | 0 | 0.5560032 | 0.9509820.04339296 | 0 | | |
| 0.6468515 | 0.774242634536955 | high | | | | | |
| TCGA-DK-AA6P | 1.25205479452055 | 0 | 0.3671676 | 0.9885180.07163848 | 0 | | |
| 0.4838935 | 0.778162060168524 | high | | | | | |
| TCGA-CF-A47Y | 1.02191780821918 | 0 | 0 | 8.78335 | 0.04830842 | 0 | 4.219486 |
| 0.133655044495265 | low | | | | | | |
| TCGA-CF-A3MI | 1.01369863013699 | 0 | 0.3958001 | 5.9757430.07722499 | | | |
| 0.08180613 | 1.1751630.473396413346554 | low | | | | | |
| TCGA-DK-AA6L | 3.18630136986301 | 1 | 0.06075884 | 1.5588190.07112835 | | | |
| 0.1130217 | 0.8449252 | 0.659271118685691 | high | | | | |
| TCGA-XF-A9T4 | 1.35616438356164 | 1 | 0.4346409 | 0.4956035 | 0.1187246 | 0 | |
| 0.5372630.755118210662254 | high | | | | | | |
| TCGA-K4-A6MB | 1.28493150684932 | 0 | 0.2672019 | 3.6634090.1117159 | | | |
| 0.03550292 | 0.7181733 | 0.593557445059435 | high | | | | |
| TCGA-ZF-A9R5 | 2.98630136986301 | 0 | 0.05047636 | 6.7628490.3840914 | | | |

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|--------------|-------------------------------------|---------------------------|----------------------------|--------------------|-------------|------------|--|--|
| | 0.1408419 | 3.37204 | 0.150783315284307 | low | | | | |
| TCGA-E7-A85H | 1.07945205479452 | 0 | 0.1648848 | 2.3501430.07238442 | 0 | | | |
| | 1.3600180.517623513627617 | low | | | | | | |
| TCGA-G2-AA3C | 0.578082191780822 | 1 | 0.2377633 | 1.2990780 | 0 | 1.150752 | | |
| | 0.639101790034986 | high | | | | | | |
| TCGA-XF-A9SM | 2.87123287671233 | 0 | 0.4292626 | 0.6118386 | 0.2826695 | | | |
| | 0.04990633 | 1.0680570.536269226978696 | low | | | | | |
| TCGA-DK-A3IN | 0.684931506849315 | 1 | 0.9389444 | 2.05594 | 0.09558181 | 0 | | |
| | 0.4007312 | 0.790549268922898 | high | | | | | |
| TCGA-XF-A8HC | 0.547945205479452 | 1 | 0 | 1.6427240.1806997 | 0 | 1.447842 | | |
| | 0.459851655486775 | low | | | | | | |
| TCGA-ZF-AA4W | 5.01369863013699 | 0 | 0.05814429 | 0 | 0.06806758 | 0 | | |
| | 0.7927125 | 0.712482448627342 | high | | | | | |
| TCGA-LC-A66R | 1.27671232876712 | 0 | 0.9040558 | 0.2342860.7216009 | | | | |
| | 0.1528815 | 1.0532680.3884670912256 | low | | | | | |
| TCGA-E7-A8O7 | 1.27671232876712 | 0 | 0.1527037.6177990.06703663 | 0.1065201 | | | | |
| | 1.6655060.359558313079187 | low | | | | | | |
| TCGA-FJ-A3Z9 | 1.05479452054795 | 1 | 0 | 4.2810020.06939729 | 0.2756778 | | | |
| | 1.8588560.412017340996568 | low | | | | | | |
| TCGA-G2-A2ES | 2.75068493150685 | 1 | 0.3609896 | 0.3430182 | 0.02112992 | 0 | | |
| | 0.6201173 | 0.806779560740708 | high | | | | | |
| TCGA-XF-AAN4 | 2.25479452054795 | 1 | 2.7534381.5698170.2417519 | 0.06402327 | | | | |
| | 1.0886340.696712716031512 | high | | | | | | |
| TCGA-E7-A5KE | 0.0465753424657534 | 0 | 0.09757717 | 3.8942160 | 0.04537752 | | | |
| | 1.9954830.409817448644292 | low | | | | | | |
| TCGA-ZF-AA53 | 4.82465753424658 | 0 | 0.1920471 | 0.6082876 | 0.03747051 | 0 | | |
| | 0.3141937 | 0.854120892385117 | high | | | | | |
| TCGA-CU-A72E | 1.13150684931507 | 1 | 0.4040793 | 1.7801910.06450575 | 0 | | | |
| | 0.9215107 | 0.646162853053611 | high | | | | | |
| TCGA-2F-A9KR | 8.72054794520548 | 1 | 0.1021467 | 1.3103290.3587391 | 0 | | | |
| | 3.7600760.176320778680768 | low | | | | | | |
| TCGA-E5-A4U1 | 3.23561643835616 | 0 | 0.1132879 | 1.3994240.3315559 | | | | |
| | 0.31610213.344610.00668942736251224 | low | | | | | | |
| TCGA-FD-A5BV | 0.446575342465753 | 1 | 0 | 15.40966993 | 0.29531776 | 0.06703642 | | |
| | 0.66819902 | 0.259418961144343 | low | | | | | |
| TCGA-DK-A3IU | 1.93424657534247 | 1 | 1.0015220.5777950.1046829 | 0 | | | | |
| | 0.3803694 | 0.861873317997061 | high | | | | | |
| TCGA-FD-A3SM | 1.4986301369863 | 1 | 0.631069729 | 1.359213098 | 0.197005946 | 0 | | |
| | 0.401506682 | 0.716330246953883 | high | | | | | |
| TCGA-BT-A20J | 1.58630136986301 | 1 | 1.0590806 | 2.571798177 | 0.172198661 | 0 | | |
| | 0.304823716 | 0.748048355958394 | high | | | | | |
| TCGA-E7-A677 | 2.24657534246575 | 0 | 0.2350462 | 2.4567920.1547779 | 0 | | | |
| | 1.5862330.441979107353728 | low | | | | | | |
| TCGA-HQ-A5NE | 1.01369863013699 | 1 | 0.7414635 | 4.0394250.05786711 | | | | |

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|--------------|---------------------------|---------------------------|-------------------|---------------------------|------------|---|--|--|
| | 0.09194985 | 0.6065263 | 0.684489173134084 | high | | | | |
| TCGA-CF-A47S | 0.912328767123288 | 0 | 0.06865367 | 5.43632 | 0.05358037 | | | |
| | 0.04256915 | 2.1902230.332357831447028 | low | | | | | |
| TCGA-E7-A5KF | 0.0547945205479452 | 0 | 0 | 11.083840.1790020.1218991 | | | | |
| | 1.3460890.294093700291729 | low | | | | | | |
| TCGA-XF-A9SX | 1.96986301369863 | 1 | 0.1472713 | 0.5597586 | 0.08620282 | 0 | | |
| | 1.5661070.522554344401004 | low | | | | | | |
| TCGA-G2-A2EK | 1.32876712328767 | 0 | 0.3577096 | 3.9768480.2512552 | | | | |
| | 0.03327002 | 1.0046310.464709311076784 | low | | | | | |
| TCGA-XF-A8HD | 8.12054794520548 | 0 | 0.4918876 | 1.6179220.8416071 | 0 | | | |
| | 1.7848730.226662091068943 | low | | | | | | |
| TCGA-GV-A3JX | 1.59178082191781 | 0 | 0.3117886 | 0.6583702 | 0.1216668 | 0 | | |
| | 0.3589549 | 0.783064551356029 | high | | | | | |