

| NCBI gene name | KRAS-Amp average LFC | HUG1N_Average LFC | KE39_Average LFC |
|----------------|----------------------|-------------------|------------------|
| SHOC2 | -0.849053638 | -0.705793476 | -1.070867237 |
| RIC1 | -0.664634809 | -0.175073122 | -0.07386207 |
| GAREM1 | -0.633357969 | -0.111022561 | -0.385776668 |
| CRKL | -0.603319683 | 0.05147354 | -0.691464542 |
| RAPGEF1 | -0.506082268 | -0.168146203 | -0.30599589 |
| RUNX1 | -0.481415975 | 0.046781265 | -0.418776398 |
| BRAF | -0.475473913 | -0.40982565 | -0.207155527 |
| TCF7L2 | -0.470729771 | 0.287593117 | -0.395385254 |
| CHD2 | -0.459945366 | 0.220165426 | -0.445184138 |
| VPS16 | -0.426570346 | -0.393247976 | 0.050144453 |
| ARID5B | -0.417067522 | -0.236614235 | -0.242428717 |
| PFDN5 | -0.416074033 | -0.31470112 | 0.020717335 |
| RAF1 | -0.403037206 | -0.148506848 | -0.626574436 |
| ELOVL1 | -0.398082115 | -0.348393073 | 0.039530661 |
| SHC1 | -0.382743707 | 0.186539286 | -0.246892333 |
| CREBBP | -0.37469734 | -0.216351168 | -0.38903409 |
| SRC | -0.374487142 | -0.117668189 | 0.02852831 |
| ERBB2 | -0.367671205 | 0.012245085 | -0.047067747 |
| PTK2 | -0.36143423 | -0.003393716 | -0.710412846 |
| PPP1CA | -0.330288982 | -0.06638371 | -0.000243993 |
| PRKCE | -0.326442408 | -0.260418456 | -0.30893687 |
| GATA6 | -0.321955254 | 0.346033833 | -0.491015324 |
| RAC1 | -0.31209957 | -0.082078943 | -0.569306988 |
| PFDN1 | -0.306308003 | -0.46857023 | -0.294679139 |
| KRAS | -0.299735768 | -0.087104769 | -0.403869661 |
| TRIM64C | -0.289420438 | 0.002068834 | -0.117086657 |
| RAB6C | -0.275942456 | 0.103403485 | -0.276462272 |
| RCE1 | -0.275095425 | -0.13621763 | -0.03596661 |
| YES1 | -0.271562584 | 0.138114276 | -0.092984149 |
| PAK1 | -0.261560016 | 0.053349611 | -0.320305909 |
| EGFR | -0.260974659 | 0.254557471 | -0.211372077 |
| SPNS1 | -0.257515796 | -0.712295448 | 0.056127257 |
| UGCG | -0.256637556 | -0.052946799 | -0.616136209 |
| SIRT1 | -0.250138412 | 0.073929797 | -0.438741096 |
| NFE2L2 | -0.248027367 | -0.070899376 | -0.120493286 |
| SPTLC1 | -0.234316482 | -0.286857704 | -0.098196821 |
| TUBGCP2 | -0.231081866 | 0.073584906 | -0.113759938 |
| VPS11 | -0.230791999 | -0.370664951 | -0.091203055 |
| MAP2K1 | -0.22537657 | 0.133864957 | -0.124322239 |
| NEDD9 | -0.224133048 | 0.111913292 | -0.403852651 |
| STAM | -0.222285062 | -0.312131756 | -0.235430416 |
| CERS2 | -0.221896976 | -0.55578617 | -0.140682248 |
| INPP5A | -0.219176487 | -0.047061779 | -0.405040591 |
| BPTF | -0.217788641 | -0.30252938 | 0.021077077 |
| SPTLC2 | -0.211414348 | -0.28087425 | 0.094481601 |
| APC | -0.207614181 | -0.051952662 | -0.11703524 |

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|----------|--------------|--------------|--------------|
| DPM2 | -0.194347377 | 0.094445244 | -0.517756535 |
| PPP1R7 | -0.193448199 | -0.074949335 | -0.196435645 |
| HDAC4 | -0.190542772 | -0.101584916 | 0.177021273 |
| METTL5 | -0.1836834 | -0.040419658 | -0.413663992 |
| SET | -0.182410935 | 0.107313945 | -0.40768372 |
| YAP1 | -0.182294636 | -0.155088647 | -0.265200263 |
| JUN | -0.181471525 | -0.064740047 | -0.290809296 |
| VPS18 | -0.181379764 | -0.260202344 | -0.286850251 |
| PLCE1 | -0.17898646 | -0.007638288 | -0.113491974 |
| PLAGL2 | -0.178332991 | 0.064473687 | -0.642422574 |
| JAK1 | -0.173506168 | 0.132362922 | 0.175077355 |
| BCL2L1 | -0.172440822 | 0.161799474 | -0.021936902 |
| TMEM263 | -0.172398251 | -0.309871666 | -0.068078744 |
| FGFR4 | -0.171906142 | -0.121905297 | -0.381775926 |
| PREB | -0.169982437 | 0.031916592 | -0.583229843 |
| IRS1 | -0.16907987 | -0.039979347 | 0.154450614 |
| VPS45 | -0.164375815 | -0.35765977 | 0.273316061 |
| EED | -0.160525545 | 0.099925865 | -0.350649539 |
| FGFR3 | -0.155976561 | 0.10987902 | -0.178861904 |
| NOX1 | -0.149978883 | 0.088833534 | 0.098920434 |
| CTNNB1 | -0.145453343 | 0.102120817 | -0.083719194 |
| MAGEA12 | -0.144124708 | -0.144166926 | -0.100602484 |
| TUBB | -0.143492511 | 0.052203076 | -0.100701541 |
| HDAC6 | -0.14211336 | -0.05812194 | 0.110165149 |
| LGALS7 | -0.141765496 | -0.091426257 | -0.080765717 |
| CNKSR1 | -0.141174556 | 0.006949786 | -0.053507987 |
| ARSI | -0.138575976 | 0.166721635 | -0.488739398 |
| ST3GAL6 | -0.134131781 | -0.268083678 | -0.005578212 |
| BCL2 | -0.131695477 | -0.281563757 | -0.069498984 |
| RALGAPA2 | -0.130598344 | 0.228838817 | 0.09881878 |
| STK3 | -0.130165855 | 0.011555739 | 0.377958423 |
| FLVCR1 | -0.130015368 | -0.320856415 | 0.456361387 |
| RSPH3 | -0.12965438 | -0.292668052 | -0.356639354 |
| EZH2 | -0.128926683 | 0.054066583 | -0.190202306 |
| CBL | -0.125992453 | -0.250949222 | -0.028011706 |
| SLC22A25 | -0.125646536 | 0.056432243 | -0.421345781 |
| FRK | -0.125456326 | 0.013449111 | 0.005802539 |
| TP53 | -0.12470297 | -0.056525986 | 0.071436444 |
| TIAM1 | -0.124092187 | 0.076775003 | 0.085610325 |
| LGALS7B | -0.123050205 | -0.114016123 | -0.140150242 |
| CASP8 | -0.12200876 | 0.101268717 | -0.044279111 |
| PANX1 | -0.121844035 | -0.260952835 | -0.26569844 |
| CASP7 | -0.121054288 | -0.198941249 | -0.156351497 |
| VPS39 | -0.120734151 | -0.305304404 | -0.313429549 |
| TRAPPC4 | -0.11892367 | -0.008309275 | -0.328836772 |
| TP73 | -0.117944138 | -0.098904141 | 0.110951265 |
| KSR1 | -0.117890114 | 0.111126409 | -0.028536245 |

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|--------|--------------|--------------|--------------|
| PIK3R2 | -0.117884624 | 0.151511285 | 0.10508709 |
| SPRR1A | -0.117345693 | 0.005616216 | -0.158901559 |
| SPRY1 | -0.116797719 | 0.006438339 | 0.029882828 |
| HDAC11 | -0.116419858 | -0.066938518 | -0.006965199 |
| RGL2 | -0.114528296 | -0.024779377 | 0.006730734 |
| PIK3CG | -0.114427501 | 0.087143116 | -0.068323514 |
| KPNB1 | -0.112694788 | 0.357485778 | -0.465229454 |

| KE39 Average LFCsecondary | CAT12_Average LFC | YCC1_Average LFC | GSU_Average LFC |
|---------------------------|-------------------|------------------|-----------------|
| -0.94761092 | -0.3571548 | -1.242395192 | -0.710917346 |
| -1.456155728 | -0.650424115 | 0.112675416 | -0.076872614 |
| -0.811942482 | -0.025729587 | -1.062401837 | -0.739719427 |
| -0.742967739 | -0.747375014 | -0.319616295 | -0.932790543 |
| -0.352787124 | -0.929604116 | -0.235855565 | -0.582358826 |
| -1.811824239 | 0.067031341 | 0.300544972 | -0.070427758 |
| -0.80633452 | -0.038446575 | -0.581640645 | -0.883558191 |
| -0.67766503 | -0.105701186 | -0.628823097 | -0.3465332 |
| -0.170965332 | -0.522602155 | -0.686268613 | -0.132948445 |
| -0.523315773 | 0.0770044 | -0.833399665 | -0.208065072 |
| -0.846632887 | -0.296693261 | -0.107876418 | 0.176347817 |
| -0.50101117 | -0.656894132 | -0.090316796 | -0.496902368 |
| -0.619155089 | -0.003991217 | -0.585965311 | -0.609396003 |
| -0.372215527 | -0.272530325 | -0.549500492 | -0.216634927 |
| -0.174281678 | -1.14833313 | 0.174383688 | -0.44281358 |
| -0.437219483 | -0.408590155 | -0.278282383 | -1.455171239 |
| -0.380393974 | -0.502866115 | -0.240201338 | -0.241412421 |
| -0.753637452 | -0.414714534 | 0.065338372 | -0.083026806 |
| -0.472186475 | -0.486247432 | -0.125868782 | -0.503163264 |
| -0.319327301 | -0.521217247 | -0.150322399 | -0.299753144 |
| -0.212873449 | 0.040683342 | -0.807137116 | -0.695161777 |
| -0.566126425 | -0.083570175 | -0.316169163 | -0.198129149 |
| -0.303353844 | -0.607218391 | -0.025726475 | -0.589628066 |
| -0.279019062 | -0.695127951 | 0.055223004 | -0.104067237 |
| -0.608876544 | -0.601575193 | 0.311244433 | -0.289619922 |
| -0.774391769 | 0.037202607 | -0.131072152 | -0.462930887 |
| -0.134178927 | -0.239479676 | -0.454168766 | -0.557564852 |
| -0.011102967 | -0.383804512 | -0.430378796 | -0.000239135 |
| -0.218261277 | -0.35589573 | -0.240530745 | -0.402277375 |
| -0.363060494 | -0.238431933 | -0.183187623 | -0.434812132 |
| -0.591135872 | -1.395886031 | 1.204097927 | 0.116815884 |
| -0.02947583 | 0.02591253 | -0.768984086 | -0.280340023 |
| -0.528062257 | -0.10874899 | -0.133101422 | -0.083684845 |
| -0.70377265 | 0.07979676 | -0.126439347 | -0.408321932 |
| 0.041506423 | -0.431417564 | -0.35417096 | -0.508149392 |
| -0.43650072 | -0.098182973 | -0.168265753 | -0.322467988 |
| -0.600993743 | -0.256803569 | 0.164551714 | -0.213616929 |
| -0.324323816 | 0.171227061 | -0.539279244 | -0.383043499 |
| 0.055629784 | -0.288504641 | -0.443254853 | -0.251823721 |
| -0.153556687 | -0.300588166 | -0.218254292 | -0.159948402 |
| -0.210367089 | -0.001046131 | -0.455441965 | -0.51767665 |
| -0.21597452 | -0.121221117 | -0.328495291 | 0.12176719 |
| -0.249119052 | -0.385880287 | -0.022530122 | -0.061955571 |
| -0.272314882 | -0.371731386 | -0.009319654 | -0.269641138 |
| -0.161594715 | -0.096164361 | -0.376483969 | -0.132020805 |
| -0.219960214 | -0.130689604 | -0.272192726 | -1.160650657 |

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| -0.300895246 | -0.339225762 | 0.057078877 | -0.47825326 |
| -0.160682895 | -0.309141778 | -0.110519924 | -1.042666407 |
| -0.229846282 | -0.183163245 | -0.158618789 | -0.42841275 |
| -0.232465099 | -0.26189476 | -0.05669034 | -0.459024957 |
| -0.154390162 | -0.029657467 | -0.363185177 | 0.057327021 |
| -0.273212021 | -0.320986696 | 0.047314808 | -0.131014939 |
| -0.630699123 | 0.177671979 | -0.09138743 | 0.299327394 |
| -0.273572351 | -0.081280669 | -0.189286272 | -0.194290176 |
| -0.103216189 | -0.187952781 | -0.24579041 | -0.318791061 |
| -0.291035375 | -0.122055159 | -0.12190844 | -0.364948486 |
| -0.171116825 | -0.388698618 | 0.039296937 | -0.129216416 |
| -0.108446715 | -0.353046734 | -0.055829017 | 0.167085649 |
| -0.068663169 | -0.31791284 | -0.130618745 | -0.259499596 |
| -0.486300522 | -0.004784744 | -0.024633159 | -0.267083454 |
| -0.271140221 | -0.316742823 | 0.077935734 | -0.704025938 |
| -0.107106243 | -0.293022137 | -0.107111231 | -0.240257637 |
| -0.131557156 | 0.165497186 | -0.527067475 | 0.146367996 |
| -0.200150971 | 0.168307033 | -0.449732698 | -0.176845447 |
| -0.480375291 | 0.025366368 | -0.012920761 | -0.240072604 |
| -0.286327351 | -0.070110826 | -0.093498472 | -0.239490666 |
| -0.487254647 | 0.222732843 | -0.171838225 | 0.533072415 |
| -0.039226711 | -0.218560979 | -0.174586433 | -0.111550145 |
| -0.207244169 | -0.420558672 | 0.197325308 | -0.379960492 |
| -0.342230747 | -0.150866674 | 0.066757342 | -0.158283092 |
| -0.161547642 | -0.219442784 | -0.044306062 | -0.37586568 |
| -0.108391597 | -0.238906505 | -0.076225566 | -0.323935051 |
| -0.129069118 | -0.121055319 | -0.165603491 | -0.187272519 |
| -0.130240962 | -0.070657277 | -0.201497106 | -0.061424622 |
| -0.238926613 | -0.042814563 | -0.113345257 | -0.278896055 |
| -0.313738686 | -0.07619278 | -0.001863565 | -0.384094099 |
| -0.255484545 | -0.124728129 | -0.010284892 | -0.521920577 |
| -0.099055456 | -0.198100172 | -0.092890477 | 0.19052116 |
| -0.155095995 | -0.103067112 | -0.130800032 | -0.159643795 |
| 0.078242639 | 0.034881325 | -0.499904012 | -0.116613808 |
| 0.067284271 | -0.087162524 | -0.358099105 | -0.123368568 |
| 0.012929795 | -0.347660521 | -0.042208882 | 0.076238455 |
| -0.229679581 | 0.006194707 | -0.152884104 | -0.064659316 |
| -0.205426754 | -0.133376395 | -0.035305762 | -0.304343585 |
| -0.050570667 | -0.225176114 | -0.09652978 | -0.157342503 |
| -0.061613451 | -0.229888013 | -0.077649153 | -0.272792746 |
| -0.138841026 | -0.074353422 | -0.152831834 | -0.202282926 |
| -0.119575554 | -0.215350245 | -0.030606307 | -0.194021431 |
| -0.069737554 | -0.127111743 | -0.166313567 | -0.115323696 |
| -0.325174266 | 0.041514305 | -0.078542493 | -0.573363094 |
| -0.29937237 | -0.240966128 | 0.183567489 | -0.047389417 |
| -0.041150906 | -0.112199096 | -0.200482412 | -0.086719152 |
| -0.030656885 | -0.234690023 | -0.088323433 | 0.059869068 |

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| -0.365674206 | -0.006187774 | 0.018208107 | 0.021136926 |
| -0.156633521 | -0.191081071 | -0.004322487 | -0.583423498 |
| -0.011223118 | -0.111296834 | -0.227873205 | -0.176893175 |
| -0.107275598 | -0.133845538 | -0.108138439 | -0.287134608 |
| -0.105905094 | -0.138128701 | -0.099551094 | -0.557502914 |
| 0.057237218 | -0.180906371 | -0.21961335 | -0.086804005 |
| -0.016503581 | -0.154693148 | -0.166887635 | -0.438135466 |