**Table S5 The 500 most relevant genes for CCDC167 in GSE140228**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene | Gene2 | Dataset | Celltype(major-lineage) | Correlation |
| CCDC167 | ZWINT | LIHC\_GSE140228\_10X | All lineage | 0.36 |
| CCDC167 | ZNF428 | LIHC\_GSE140228\_10X | All lineage | 0.29 |
| CCDC167 | ZDHHC12 | LIHC\_GSE140228\_10X | All lineage | 0.322 |
| CCDC167 | YWHAQ | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | YWHAH | LIHC\_GSE140228\_10X | All lineage | 0.335 |
| CCDC167 | YWHAB | LIHC\_GSE140228\_10X | All lineage | 0.305 |
| CCDC167 | XRCC6 | LIHC\_GSE140228\_10X | All lineage | 0.381 |
| CCDC167 | XRCC5 | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | WIPF1 | LIHC\_GSE140228\_10X | All lineage | 0.3 |
| CCDC167 | WDR54 | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | WDR1 | LIHC\_GSE140228\_10X | All lineage | 0.41 |
| CCDC167 | VDAC3 | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | VDAC1 | LIHC\_GSE140228\_10X | All lineage | 0.338 |
| CCDC167 | VCP | LIHC\_GSE140228\_10X | All lineage | 0.359 |
| CCDC167 | USP1 | LIHC\_GSE140228\_10X | All lineage | 0.304 |
| CCDC167 | UBL5 | LIHC\_GSE140228\_10X | All lineage | 0.354 |
| CCDC167 | UBE2T | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | UBE2N | LIHC\_GSE140228\_10X | All lineage | 0.382 |
| CCDC167 | UBE2L6 | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | UBE2L3 | LIHC\_GSE140228\_10X | All lineage | 0.41 |
| CCDC167 | UBE2I | LIHC\_GSE140228\_10X | All lineage | 0.401 |
| CCDC167 | UBE2D2 | LIHC\_GSE140228\_10X | All lineage | 0.365 |
| CCDC167 | UBE2C | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | UBE2A | LIHC\_GSE140228\_10X | All lineage | 0.308 |
| CCDC167 | UBB | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | UBALD2 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | TYMS | LIHC\_GSE140228\_10X | All lineage | 0.371 |
| CCDC167 | TXN | LIHC\_GSE140228\_10X | All lineage | 0.381 |
| CCDC167 | TWF2 | LIHC\_GSE140228\_10X | All lineage | 0.306 |
| CCDC167 | TUFM | LIHC\_GSE140228\_10X | All lineage | 0.326 |
| CCDC167 | TUBG1 | LIHC\_GSE140228\_10X | All lineage | 0.292 |
| CCDC167 | TUBB | LIHC\_GSE140228\_10X | All lineage | 0.309 |
| CCDC167 | TSTD1 | LIHC\_GSE140228\_10X | All lineage | 0.325 |
| CCDC167 | TSTA3 | LIHC\_GSE140228\_10X | All lineage | 0.413 |
| CCDC167 | TSC22D4 | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | TROAP | LIHC\_GSE140228\_10X | All lineage | 0.303 |
| CCDC167 | TRMT112 | LIHC\_GSE140228\_10X | All lineage | 0.369 |
| CCDC167 | TRIAP1 | LIHC\_GSE140228\_10X | All lineage | 0.297 |
| CCDC167 | TRAPPC4 | LIHC\_GSE140228\_10X | All lineage | 0.296 |
| CCDC167 | TRAPPC1 | LIHC\_GSE140228\_10X | All lineage | 0.381 |
| CCDC167 | TPX2 | LIHC\_GSE140228\_10X | All lineage | 0.342 |
| CCDC167 | TPM4 | LIHC\_GSE140228\_10X | All lineage | 0.294 |
| CCDC167 | TPM3 | LIHC\_GSE140228\_10X | All lineage | 0.374 |
| CCDC167 | TPI1 | LIHC\_GSE140228\_10X | All lineage | 0.35 |
| CCDC167 | TOP2A | LIHC\_GSE140228\_10X | All lineage | 0.317 |
| CCDC167 | TNFRSF18 | LIHC\_GSE140228\_10X | All lineage | 0.333 |
| CCDC167 | TMX1 | LIHC\_GSE140228\_10X | All lineage | 0.325 |
| CCDC167 | TMUB1 | LIHC\_GSE140228\_10X | All lineage | 0.293 |
| CCDC167 | TMPO | LIHC\_GSE140228\_10X | All lineage | 0.303 |
| CCDC167 | TMEM9B | LIHC\_GSE140228\_10X | All lineage | 0.3 |
| CCDC167 | TMEM59 | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | TMEM50A | LIHC\_GSE140228\_10X | All lineage | 0.389 |
| CCDC167 | TMEM258 | LIHC\_GSE140228\_10X | All lineage | 0.331 |
| CCDC167 | TMEM230 | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | TMEM160 | LIHC\_GSE140228\_10X | All lineage | 0.296 |
| CCDC167 | TMEM14A | LIHC\_GSE140228\_10X | All lineage | 0.334 |
| CCDC167 | TMEM109 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | TMEM106C | LIHC\_GSE140228\_10X | All lineage | 0.417 |
| CCDC167 | TMED9 | LIHC\_GSE140228\_10X | All lineage | 0.359 |
| CCDC167 | TMED2 | LIHC\_GSE140228\_10X | All lineage | 0.359 |
| CCDC167 | TMBIM6 | LIHC\_GSE140228\_10X | All lineage | 0.307 |
| CCDC167 | TMA7 | LIHC\_GSE140228\_10X | All lineage | 0.324 |
| CCDC167 | TLN1 | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | TK1 | LIHC\_GSE140228\_10X | All lineage | 0.345 |
| CCDC167 | THYN1 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | TCF19 | LIHC\_GSE140228\_10X | All lineage | 0.363 |
| CCDC167 | TBCD | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | TBCB | LIHC\_GSE140228\_10X | All lineage | 0.391 |
| CCDC167 | TBC1D10C | LIHC\_GSE140228\_10X | All lineage | 0.328 |
| CCDC167 | TAP1 | LIHC\_GSE140228\_10X | All lineage | 0.339 |
| CCDC167 | TAGLN2 | LIHC\_GSE140228\_10X | All lineage | 0.367 |
| CCDC167 | TADA3 | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | TACC3 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | SURF4 | LIHC\_GSE140228\_10X | All lineage | 0.375 |
| CCDC167 | SUPT16H | LIHC\_GSE140228\_10X | All lineage | 0.3 |
| CCDC167 | SUMO2 | LIHC\_GSE140228\_10X | All lineage | 0.317 |
| CCDC167 | SUMO1 | LIHC\_GSE140228\_10X | All lineage | 0.382 |
| CCDC167 | SUB1 | LIHC\_GSE140228\_10X | All lineage | 0.374 |
| CCDC167 | STUB1 | LIHC\_GSE140228\_10X | All lineage | 0.355 |
| CCDC167 | STOML2 | LIHC\_GSE140228\_10X | All lineage | 0.294 |
| CCDC167 | STMN1 | LIHC\_GSE140228\_10X | All lineage | 0.371 |
| CCDC167 | STIP1 | LIHC\_GSE140228\_10X | All lineage | 0.328 |
| CCDC167 | SSRP1 | LIHC\_GSE140228\_10X | All lineage | 0.356 |
| CCDC167 | SSNA1 | LIHC\_GSE140228\_10X | All lineage | 0.361 |
| CCDC167 | SSBP4 | LIHC\_GSE140228\_10X | All lineage | 0.404 |
| CCDC167 | SS18L2 | LIHC\_GSE140228\_10X | All lineage | 0.302 |
| CCDC167 | SRSF9 | LIHC\_GSE140228\_10X | All lineage | 0.341 |
| CCDC167 | SRP9 | LIHC\_GSE140228\_10X | All lineage | 0.418 |
| CCDC167 | SRP14 | LIHC\_GSE140228\_10X | All lineage | 0.374 |
| CCDC167 | SRM | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | SRI | LIHC\_GSE140228\_10X | All lineage | 0.397 |
| CCDC167 | SPCS2 | LIHC\_GSE140228\_10X | All lineage | 0.377 |
| CCDC167 | SPCS1 | LIHC\_GSE140228\_10X | All lineage | 0.31 |
| CCDC167 | SOD1 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | SNX17 | LIHC\_GSE140228\_10X | All lineage | 0.296 |
| CCDC167 | SNRPG | LIHC\_GSE140228\_10X | All lineage | 0.301 |
| CCDC167 | SNRPD2 | LIHC\_GSE140228\_10X | All lineage | 0.285 |
| CCDC167 | SNRPD1 | LIHC\_GSE140228\_10X | All lineage | 0.305 |
| CCDC167 | SNRPC | LIHC\_GSE140228\_10X | All lineage | 0.329 |
| CCDC167 | SNRPB | LIHC\_GSE140228\_10X | All lineage | 0.388 |
| CCDC167 | SNRNP70 | LIHC\_GSE140228\_10X | All lineage | 0.305 |
| CCDC167 | SMIM15 | LIHC\_GSE140228\_10X | All lineage | 0.29 |
| CCDC167 | SMC4 | LIHC\_GSE140228\_10X | All lineage | 0.409 |
| CCDC167 | SMC3 | LIHC\_GSE140228\_10X | All lineage | 0.348 |
| CCDC167 | SMC2 | LIHC\_GSE140228\_10X | All lineage | 0.364 |
| CCDC167 | SMARCE1 | LIHC\_GSE140228\_10X | All lineage | 0.332 |
| CCDC167 | SLC25A39 | LIHC\_GSE140228\_10X | All lineage | 0.305 |
| CCDC167 | SLBP | LIHC\_GSE140228\_10X | All lineage | 0.386 |
| CCDC167 | SKP1 | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | SIVA1 | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | SIT1 | LIHC\_GSE140228\_10X | All lineage | 0.336 |
| CCDC167 | SIRPG | LIHC\_GSE140228\_10X | All lineage | 0.285 |
| CCDC167 | SHKBP1 | LIHC\_GSE140228\_10X | All lineage | 0.307 |
| CCDC167 | SH3BGRL3 | LIHC\_GSE140228\_10X | All lineage | 0.312 |
| CCDC167 | SF3B6 | LIHC\_GSE140228\_10X | All lineage | 0.319 |
| CCDC167 | SF3B2 | LIHC\_GSE140228\_10X | All lineage | 0.316 |
| CCDC167 | SERF2 | LIHC\_GSE140228\_10X | All lineage | 0.319 |
| CCDC167 | 7-Sep | LIHC\_GSE140228\_10X | All lineage | 0.309 |
| CCDC167 | 1-Sep | LIHC\_GSE140228\_10X | All lineage | 0.341 |
| CCDC167 | SEC61G | LIHC\_GSE140228\_10X | All lineage | 0.319 |
| CCDC167 | SEC61B | LIHC\_GSE140228\_10X | All lineage | 0.296 |
| CCDC167 | SDF2L1 | LIHC\_GSE140228\_10X | All lineage | 0.293 |
| CCDC167 | SASH3 | LIHC\_GSE140228\_10X | All lineage | 0.305 |
| CCDC167 | SAC3D1 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | RRM2 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | RPS27L | LIHC\_GSE140228\_10X | All lineage | 0.4 |
| CCDC167 | RPS19BP1 | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | ROMO1 | LIHC\_GSE140228\_10X | All lineage | 0.372 |
| CCDC167 | RNPEPL1 | LIHC\_GSE140228\_10X | All lineage | 0.337 |
| CCDC167 | RNF187 | LIHC\_GSE140228\_10X | All lineage | 0.39 |
| CCDC167 | RNF167 | LIHC\_GSE140228\_10X | All lineage | 0.339 |
| CCDC167 | RNASEH2A | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | RIC8A | LIHC\_GSE140228\_10X | All lineage | 0.33 |
| CCDC167 | RHOF | LIHC\_GSE140228\_10X | All lineage | 0.325 |
| CCDC167 | RHOA | LIHC\_GSE140228\_10X | All lineage | 0.292 |
| CCDC167 | REXO2 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | RER1 | LIHC\_GSE140228\_10X | All lineage | 0.332 |
| CCDC167 | REEP5 | LIHC\_GSE140228\_10X | All lineage | 0.317 |
| CCDC167 | RBX1 | LIHC\_GSE140228\_10X | All lineage | 0.302 |
| CCDC167 | RBM42 | LIHC\_GSE140228\_10X | All lineage | 0.323 |
| CCDC167 | RBCK1 | LIHC\_GSE140228\_10X | All lineage | 0.332 |
| CCDC167 | RBBP7 | LIHC\_GSE140228\_10X | All lineage | 0.349 |
| CCDC167 | RBBP4 | LIHC\_GSE140228\_10X | All lineage | 0.317 |
| CCDC167 | RASSF7 | LIHC\_GSE140228\_10X | All lineage | 0.347 |
| CCDC167 | RASAL3 | LIHC\_GSE140228\_10X | All lineage | 0.368 |
| CCDC167 | RANBP1 | LIHC\_GSE140228\_10X | All lineage | 0.419 |
| CCDC167 | RAN | LIHC\_GSE140228\_10X | All lineage | 0.36 |
| CCDC167 | RAD51AP1 | LIHC\_GSE140228\_10X | All lineage | 0.306 |
| CCDC167 | RAD21 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | RAC2 | LIHC\_GSE140228\_10X | All lineage | 0.325 |
| CCDC167 | RABAC1 | LIHC\_GSE140228\_10X | All lineage | 0.357 |
| CCDC167 | RAB11B | LIHC\_GSE140228\_10X | All lineage | 0.404 |
| CCDC167 | PUF60 | LIHC\_GSE140228\_10X | All lineage | 0.371 |
| CCDC167 | PTTG1 | LIHC\_GSE140228\_10X | All lineage | 0.445 |
| CCDC167 | PTPN7 | LIHC\_GSE140228\_10X | All lineage | 0.329 |
| CCDC167 | PTGES3 | LIHC\_GSE140228\_10X | All lineage | 0.316 |
| CCDC167 | PSME2 | LIHC\_GSE140228\_10X | All lineage | 0.358 |
| CCDC167 | PSME1 | LIHC\_GSE140228\_10X | All lineage | 0.328 |
| CCDC167 | PSMD8 | LIHC\_GSE140228\_10X | All lineage | 0.432 |
| CCDC167 | PSMD7 | LIHC\_GSE140228\_10X | All lineage | 0.297 |
| CCDC167 | PSMD6 | LIHC\_GSE140228\_10X | All lineage | 0.29 |
| CCDC167 | PSMD4 | LIHC\_GSE140228\_10X | All lineage | 0.308 |
| CCDC167 | PSMD2 | LIHC\_GSE140228\_10X | All lineage | 0.355 |
| CCDC167 | PSMD13 | LIHC\_GSE140228\_10X | All lineage | 0.393 |
| CCDC167 | PSMC5 | LIHC\_GSE140228\_10X | All lineage | 0.328 |
| CCDC167 | PSMC4 | LIHC\_GSE140228\_10X | All lineage | 0.358 |
| CCDC167 | PSMC3 | LIHC\_GSE140228\_10X | All lineage | 0.398 |
| CCDC167 | PSMC1 | LIHC\_GSE140228\_10X | All lineage | 0.341 |
| CCDC167 | PSMB9 | LIHC\_GSE140228\_10X | All lineage | 0.357 |
| CCDC167 | PSMB8 | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | PSMB6 | LIHC\_GSE140228\_10X | All lineage | 0.348 |
| CCDC167 | PSMB3 | LIHC\_GSE140228\_10X | All lineage | 0.342 |
| CCDC167 | PSMB2 | LIHC\_GSE140228\_10X | All lineage | 0.403 |
| CCDC167 | PSMB1 | LIHC\_GSE140228\_10X | All lineage | 0.367 |
| CCDC167 | PSMA7 | LIHC\_GSE140228\_10X | All lineage | 0.359 |
| CCDC167 | PSMA5 | LIHC\_GSE140228\_10X | All lineage | 0.411 |
| CCDC167 | PSMA4 | LIHC\_GSE140228\_10X | All lineage | 0.358 |
| CCDC167 | PRDX5 | LIHC\_GSE140228\_10X | All lineage | 0.312 |
| CCDC167 | PRC1 | LIHC\_GSE140228\_10X | All lineage | 0.302 |
| CCDC167 | PPP4C | LIHC\_GSE140228\_10X | All lineage | 0.349 |
| CCDC167 | PPP1R35 | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | PPP1R18 | LIHC\_GSE140228\_10X | All lineage | 0.379 |
| CCDC167 | PPP1CA | LIHC\_GSE140228\_10X | All lineage | 0.44 |
| CCDC167 | PPM1G | LIHC\_GSE140228\_10X | All lineage | 0.4 |
| CCDC167 | PPIB | LIHC\_GSE140228\_10X | All lineage | 0.339 |
| CCDC167 | PPDPF | LIHC\_GSE140228\_10X | All lineage | 0.367 |
| CCDC167 | POP7 | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | POLR2L | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | POLR2K | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | POLR2J | LIHC\_GSE140228\_10X | All lineage | 0.292 |
| CCDC167 | POLR2G | LIHC\_GSE140228\_10X | All lineage | 0.333 |
| CCDC167 | POLR2E | LIHC\_GSE140228\_10X | All lineage | 0.307 |
| CCDC167 | PMVK | LIHC\_GSE140228\_10X | All lineage | 0.369 |
| CCDC167 | PLP2 | LIHC\_GSE140228\_10X | All lineage | 0.366 |
| CCDC167 | PLEKHJ1 | LIHC\_GSE140228\_10X | All lineage | 0.337 |
| CCDC167 | PKM | LIHC\_GSE140228\_10X | All lineage | 0.387 |
| CCDC167 | PIN1 | LIHC\_GSE140228\_10X | All lineage | 0.468 |
| CCDC167 | PIM1 | LIHC\_GSE140228\_10X | All lineage | 0.363 |
| CCDC167 | PHPT1 | LIHC\_GSE140228\_10X | All lineage | 0.32 |
| CCDC167 | PHLDA3 | LIHC\_GSE140228\_10X | All lineage | 0.332 |
| CCDC167 | PHF5A | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | PGAM1 | LIHC\_GSE140228\_10X | All lineage | 0.405 |
| CCDC167 | PFN1 | LIHC\_GSE140228\_10X | All lineage | 0.395 |
| CCDC167 | PET100 | LIHC\_GSE140228\_10X | All lineage | 0.286 |
| CCDC167 | PDZD11 | LIHC\_GSE140228\_10X | All lineage | 0.341 |
| CCDC167 | PDIA6 | LIHC\_GSE140228\_10X | All lineage | 0.377 |
| CCDC167 | PDIA3 | LIHC\_GSE140228\_10X | All lineage | 0.342 |
| CCDC167 | PDHB | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | PDCD5 | LIHC\_GSE140228\_10X | All lineage | 0.324 |
| CCDC167 | PDCD1 | LIHC\_GSE140228\_10X | All lineage | 0.302 |
| CCDC167 | PDAP1 | LIHC\_GSE140228\_10X | All lineage | 0.311 |
| CCDC167 | PCNA | LIHC\_GSE140228\_10X | All lineage | 0.411 |
| CCDC167 | PBDC1 | LIHC\_GSE140228\_10X | All lineage | 0.306 |
| CCDC167 | PARP1 | LIHC\_GSE140228\_10X | All lineage | 0.363 |
| CCDC167 | PARK7 | LIHC\_GSE140228\_10X | All lineage | 0.393 |
| CCDC167 | PAQR4 | LIHC\_GSE140228\_10X | All lineage | 0.344 |
| CCDC167 | PAFAH1B3 | LIHC\_GSE140228\_10X | All lineage | 0.292 |
| CCDC167 | PA2G4 | LIHC\_GSE140228\_10X | All lineage | 0.344 |
| CCDC167 | P4HB | LIHC\_GSE140228\_10X | All lineage | 0.355 |
| CCDC167 | OST4 | LIHC\_GSE140228\_10X | All lineage | 0.355 |
| CCDC167 | OPTN | LIHC\_GSE140228\_10X | All lineage | 0.334 |
| CCDC167 | OCIAD2 | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | OASL | LIHC\_GSE140228\_10X | All lineage | 0.319 |
| CCDC167 | NUSAP1 | LIHC\_GSE140228\_10X | All lineage | 0.364 |
| CCDC167 | NUDT21 | LIHC\_GSE140228\_10X | All lineage | 0.314 |
| CCDC167 | NUDT16L1 | LIHC\_GSE140228\_10X | All lineage | 0.334 |
| CCDC167 | NUDT1 | LIHC\_GSE140228\_10X | All lineage | 0.287 |
| CCDC167 | NUDC | LIHC\_GSE140228\_10X | All lineage | 0.347 |
| CCDC167 | NUCB1 | LIHC\_GSE140228\_10X | All lineage | 0.344 |
| CCDC167 | NUBP2 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | NRBP1 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | NME1 | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | NELFCD | LIHC\_GSE140228\_10X | All lineage | 0.373 |
| CCDC167 | NEDD8 | LIHC\_GSE140228\_10X | All lineage | 0.358 |
| CCDC167 | NDUFS6 | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | NDUFC2 | LIHC\_GSE140228\_10X | All lineage | 0.329 |
| CCDC167 | NDUFB8 | LIHC\_GSE140228\_10X | All lineage | 0.417 |
| CCDC167 | NDUFB6 | LIHC\_GSE140228\_10X | All lineage | 0.293 |
| CCDC167 | NDUFB3 | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | NDUFB2 | LIHC\_GSE140228\_10X | All lineage | 0.375 |
| CCDC167 | NDUFAB1 | LIHC\_GSE140228\_10X | All lineage | 0.305 |
| CCDC167 | NDUFA6 | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | NDUFA4 | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | NDUFA3 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | NDUFA13 | LIHC\_GSE140228\_10X | All lineage | 0.378 |
| CCDC167 | NDUFA11 | LIHC\_GSE140228\_10X | All lineage | 0.319 |
| CCDC167 | NDUFA1 | LIHC\_GSE140228\_10X | All lineage | 0.323 |
| CCDC167 | NAP1L4 | LIHC\_GSE140228\_10X | All lineage | 0.33 |
| CCDC167 | NABP2 | LIHC\_GSE140228\_10X | All lineage | 0.35 |
| CCDC167 | MZT2B | LIHC\_GSE140228\_10X | All lineage | 0.363 |
| CCDC167 | MZT2A | LIHC\_GSE140228\_10X | All lineage | 0.411 |
| CCDC167 | MYO1G | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | MYL6 | LIHC\_GSE140228\_10X | All lineage | 0.43 |
| CCDC167 | MYL12B | LIHC\_GSE140228\_10X | All lineage | 0.405 |
| CCDC167 | MT1F | LIHC\_GSE140228\_10X | All lineage | 0.286 |
| CCDC167 | MSN | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | MRPS34 | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | MRPS12 | LIHC\_GSE140228\_10X | All lineage | 0.311 |
| CCDC167 | MRPL51 | LIHC\_GSE140228\_10X | All lineage | 0.349 |
| CCDC167 | MRPL41 | LIHC\_GSE140228\_10X | All lineage | 0.35 |
| CCDC167 | MRPL28 | LIHC\_GSE140228\_10X | All lineage | 0.321 |
| CCDC167 | MPST | LIHC\_GSE140228\_10X | All lineage | 0.32 |
| CCDC167 | MPC2 | LIHC\_GSE140228\_10X | All lineage | 0.326 |
| CCDC167 | MMADHC | LIHC\_GSE140228\_10X | All lineage | 0.325 |
| CCDC167 | MKI67 | LIHC\_GSE140228\_10X | All lineage | 0.35 |
| CCDC167 | MIEN1 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | MEAF6 | LIHC\_GSE140228\_10X | All lineage | 0.346 |
| CCDC167 | MEA1 | LIHC\_GSE140228\_10X | All lineage | 0.336 |
| CCDC167 | MDH2 | LIHC\_GSE140228\_10X | All lineage | 0.332 |
| CCDC167 | MDH1 | LIHC\_GSE140228\_10X | All lineage | 0.366 |
| CCDC167 | MCM7 | LIHC\_GSE140228\_10X | All lineage | 0.355 |
| CCDC167 | MCM5 | LIHC\_GSE140228\_10X | All lineage | 0.343 |
| CCDC167 | MCM4 | LIHC\_GSE140228\_10X | All lineage | 0.384 |
| CCDC167 | MCM3 | LIHC\_GSE140228\_10X | All lineage | 0.4 |
| CCDC167 | MAZ | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | MANF | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | MAGOHB | LIHC\_GSE140228\_10X | All lineage | 0.312 |
| CCDC167 | MAGOH | LIHC\_GSE140228\_10X | All lineage | 0.353 |
| CCDC167 | MAGED2 | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | MAD2L2 | LIHC\_GSE140228\_10X | All lineage | 0.349 |
| CCDC167 | MAD2L1 | LIHC\_GSE140228\_10X | All lineage | 0.381 |
| CCDC167 | LY6E | LIHC\_GSE140228\_10X | All lineage | 0.365 |
| CCDC167 | LSP1 | LIHC\_GSE140228\_10X | All lineage | 0.428 |
| CCDC167 | LSM7 | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | LSM4 | LIHC\_GSE140228\_10X | All lineage | 0.293 |
| CCDC167 | LSM2 | LIHC\_GSE140228\_10X | All lineage | 0.354 |
| CCDC167 | LSM1 | LIHC\_GSE140228\_10X | All lineage | 0.321 |
| CCDC167 | LMF2 | LIHC\_GSE140228\_10X | All lineage | 0.321 |
| CCDC167 | LMAN2 | LIHC\_GSE140228\_10X | All lineage | 0.338 |
| CCDC167 | LINC00892 | LIHC\_GSE140228\_10X | All lineage | 0.309 |
| CCDC167 | LDHA | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | LCP1 | LIHC\_GSE140228\_10X | All lineage | 0.36 |
| CCDC167 | LCK | LIHC\_GSE140228\_10X | All lineage | 0.292 |
| CCDC167 | LAG3 | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | KRTCAP2 | LIHC\_GSE140228\_10X | All lineage | 0.285 |
| CCDC167 | KRT10 | LIHC\_GSE140228\_10X | All lineage | 0.297 |
| CCDC167 | KIFC1 | LIHC\_GSE140228\_10X | All lineage | 0.294 |
| CCDC167 | KIF23 | LIHC\_GSE140228\_10X | All lineage | 0.285 |
| CCDC167 | KIF22 | LIHC\_GSE140228\_10X | All lineage | 0.336 |
| CCDC167 | KDELR2 | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | JTB | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | ITM2A | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | ITGB1BP1 | LIHC\_GSE140228\_10X | All lineage | 0.378 |
| CCDC167 | ISG15 | LIHC\_GSE140228\_10X | All lineage | 0.292 |
| CCDC167 | IQGAP1 | LIHC\_GSE140228\_10X | All lineage | 0.322 |
| CCDC167 | ILK | LIHC\_GSE140228\_10X | All lineage | 0.399 |
| CCDC167 | ILF2 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | IL2RG | LIHC\_GSE140228\_10X | All lineage | 0.347 |
| CCDC167 | IL2RB | LIHC\_GSE140228\_10X | All lineage | 0.369 |
| CCDC167 | IFI35 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | IFI27L2 | LIHC\_GSE140228\_10X | All lineage | 0.31 |
| CCDC167 | IFI16 | LIHC\_GSE140228\_10X | All lineage | 0.317 |
| CCDC167 | IDH2 | LIHC\_GSE140228\_10X | All lineage | 0.453 |
| CCDC167 | ICAM3 | LIHC\_GSE140228\_10X | All lineage | 0.303 |
| CCDC167 | IAH1 | LIHC\_GSE140228\_10X | All lineage | 0.286 |
| CCDC167 | HTATSF1 | LIHC\_GSE140228\_10X | All lineage | 0.337 |
| CCDC167 | HSPB11 | LIHC\_GSE140228\_10X | All lineage | 0.44 |
| CCDC167 | HSD17B10 | LIHC\_GSE140228\_10X | All lineage | 0.316 |
| CCDC167 | HNRNPR | LIHC\_GSE140228\_10X | All lineage | 0.372 |
| CCDC167 | HNRNPK | LIHC\_GSE140228\_10X | All lineage | 0.36 |
| CCDC167 | HNRNPF | LIHC\_GSE140228\_10X | All lineage | 0.309 |
| CCDC167 | HNRNPC | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | HNRNPA3 | LIHC\_GSE140228\_10X | All lineage | 0.405 |
| CCDC167 | HNRNPA2B1 | LIHC\_GSE140228\_10X | All lineage | 0.343 |
| CCDC167 | HMOX2 | LIHC\_GSE140228\_10X | All lineage | 0.304 |
| CCDC167 | HMGN2 | LIHC\_GSE140228\_10X | All lineage | 0.297 |
| CCDC167 | HMGN1 | LIHC\_GSE140228\_10X | All lineage | 0.325 |
| CCDC167 | HMGB3 | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | HMGB2 | LIHC\_GSE140228\_10X | All lineage | 0.297 |
| CCDC167 | HMGB1 | LIHC\_GSE140228\_10X | All lineage | 0.373 |
| CCDC167 | HIST1H2AJ | LIHC\_GSE140228\_10X | All lineage | 0.32 |
| CCDC167 | HIST1H1C | LIHC\_GSE140228\_10X | All lineage | 0.317 |
| CCDC167 | HIRIP3 | LIHC\_GSE140228\_10X | All lineage | 0.3 |
| CCDC167 | HIGD1A | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | HDAC1 | LIHC\_GSE140228\_10X | All lineage | 0.332 |
| CCDC167 | H2AFZ | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | H2AFV | LIHC\_GSE140228\_10X | All lineage | 0.372 |
| CCDC167 | GYPC | LIHC\_GSE140228\_10X | All lineage | 0.338 |
| CCDC167 | GUK1 | LIHC\_GSE140228\_10X | All lineage | 0.35 |
| CCDC167 | GTSE1 | LIHC\_GSE140228\_10X | All lineage | 0.294 |
| CCDC167 | GTF3C6 | LIHC\_GSE140228\_10X | All lineage | 0.341 |
| CCDC167 | GTF3A | LIHC\_GSE140228\_10X | All lineage | 0.313 |
| CCDC167 | GSDMD | LIHC\_GSE140228\_10X | All lineage | 0.313 |
| CCDC167 | GPS1 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | GPAA1 | LIHC\_GSE140228\_10X | All lineage | 0.351 |
| CCDC167 | GOLGA7 | LIHC\_GSE140228\_10X | All lineage | 0.338 |
| CCDC167 | GMNN | LIHC\_GSE140228\_10X | All lineage | 0.351 |
| CCDC167 | GLIPR2 | LIHC\_GSE140228\_10X | All lineage | 0.349 |
| CCDC167 | GINS2 | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | GIMAP6 | LIHC\_GSE140228\_10X | All lineage | 0.305 |
| CCDC167 | GCHFR | LIHC\_GSE140228\_10X | All lineage | 0.337 |
| CCDC167 | GAPDH | LIHC\_GSE140228\_10X | All lineage | 0.452 |
| CCDC167 | FKBP8 | LIHC\_GSE140228\_10X | All lineage | 0.359 |
| CCDC167 | FKBP3 | LIHC\_GSE140228\_10X | All lineage | 0.323 |
| CCDC167 | FGFR1OP2 | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | FERMT3 | LIHC\_GSE140228\_10X | All lineage | 0.372 |
| CCDC167 | FEN1 | LIHC\_GSE140228\_10X | All lineage | 0.366 |
| CCDC167 | FDPS | LIHC\_GSE140228\_10X | All lineage | 0.408 |
| CCDC167 | FBXW5 | LIHC\_GSE140228\_10X | All lineage | 0.36 |
| CCDC167 | FBXO5 | LIHC\_GSE140228\_10X | All lineage | 0.303 |
| CCDC167 | EWSR1 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | ERH | LIHC\_GSE140228\_10X | All lineage | 0.351 |
| CCDC167 | ENSA | LIHC\_GSE140228\_10X | All lineage | 0.356 |
| CCDC167 | ENO1 | LIHC\_GSE140228\_10X | All lineage | 0.453 |
| CCDC167 | EMC9 | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | EIF4H | LIHC\_GSE140228\_10X | All lineage | 0.307 |
| CCDC167 | EIF3I | LIHC\_GSE140228\_10X | All lineage | 0.294 |
| CCDC167 | EID1 | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | EDF1 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | ECH1 | LIHC\_GSE140228\_10X | All lineage | 0.352 |
| CCDC167 | EBP | LIHC\_GSE140228\_10X | All lineage | 0.317 |
| CCDC167 | DYNLRB1 | LIHC\_GSE140228\_10X | All lineage | 0.372 |
| CCDC167 | DYNLL1 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | DUT | LIHC\_GSE140228\_10X | All lineage | 0.32 |
| CCDC167 | DTYMK | LIHC\_GSE140228\_10X | All lineage | 0.352 |
| CCDC167 | DRAP1 | LIHC\_GSE140228\_10X | All lineage | 0.342 |
| CCDC167 | DPP7 | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | DNAJC8 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | DGCR6L | LIHC\_GSE140228\_10X | All lineage | 0.329 |
| CCDC167 | DEK | LIHC\_GSE140228\_10X | All lineage | 0.357 |
| CCDC167 | DEF6 | LIHC\_GSE140228\_10X | All lineage | 0.351 |
| CCDC167 | DDX39A | LIHC\_GSE140228\_10X | All lineage | 0.369 |
| CCDC167 | DCTPP1 | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | DCTN3 | LIHC\_GSE140228\_10X | All lineage | 0.376 |
| CCDC167 | DCTN2 | LIHC\_GSE140228\_10X | All lineage | 0.329 |
| CCDC167 | DBNL | LIHC\_GSE140228\_10X | All lineage | 0.302 |
| CCDC167 | DAXX | LIHC\_GSE140228\_10X | All lineage | 0.296 |
| CCDC167 | DAD1 | LIHC\_GSE140228\_10X | All lineage | 0.386 |
| CCDC167 | CXCR6 | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | CXCR3 | LIHC\_GSE140228\_10X | All lineage | 0.491 |
| CCDC167 | CRIM1 | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | CRELD2 | LIHC\_GSE140228\_10X | All lineage | 0.382 |
| CCDC167 | COX8A | LIHC\_GSE140228\_10X | All lineage | 0.32 |
| CCDC167 | COX7A2 | LIHC\_GSE140228\_10X | All lineage | 0.376 |
| CCDC167 | COX6C | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | COX6A1 | LIHC\_GSE140228\_10X | All lineage | 0.355 |
| CCDC167 | COX5A | LIHC\_GSE140228\_10X | All lineage | 0.29 |
| CCDC167 | COX20 | LIHC\_GSE140228\_10X | All lineage | 0.346 |
| CCDC167 | COX17 | LIHC\_GSE140228\_10X | All lineage | 0.299 |
| CCDC167 | CORO1A | LIHC\_GSE140228\_10X | All lineage | 0.354 |
| CCDC167 | COPS6 | LIHC\_GSE140228\_10X | All lineage | 0.311 |
| CCDC167 | COPE | LIHC\_GSE140228\_10X | All lineage | 0.408 |
| CCDC167 | COMTD1 | LIHC\_GSE140228\_10X | All lineage | 0.382 |
| CCDC167 | COMMD8 | LIHC\_GSE140228\_10X | All lineage | 0.31 |
| CCDC167 | COMMD7 | LIHC\_GSE140228\_10X | All lineage | 0.421 |
| CCDC167 | COMMD4 | LIHC\_GSE140228\_10X | All lineage | 0.319 |
| CCDC167 | CNN2 | LIHC\_GSE140228\_10X | All lineage | 0.343 |
| CCDC167 | CMTM3 | LIHC\_GSE140228\_10X | All lineage | 0.361 |
| CCDC167 | CLTB | LIHC\_GSE140228\_10X | All lineage | 0.322 |
| CCDC167 | CLIC1 | LIHC\_GSE140228\_10X | All lineage | 0.41 |
| CCDC167 | CLDND1 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | CKS1B | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | CKLF | LIHC\_GSE140228\_10X | All lineage | 0.356 |
| CCDC167 | CKAP2 | LIHC\_GSE140228\_10X | All lineage | 0.313 |
| CCDC167 | CISH | LIHC\_GSE140228\_10X | All lineage | 0.304 |
| CCDC167 | CIB1 | LIHC\_GSE140228\_10X | All lineage | 0.331 |
| CCDC167 | CHMP4A | LIHC\_GSE140228\_10X | All lineage | 0.338 |
| CCDC167 | CHMP2A | LIHC\_GSE140228\_10X | All lineage | 0.293 |
| CCDC167 | CHCHD2 | LIHC\_GSE140228\_10X | All lineage | 0.31 |
| CCDC167 | CFL1 | LIHC\_GSE140228\_10X | All lineage | 0.388 |
| CCDC167 | CENPM | LIHC\_GSE140228\_10X | All lineage | 0.357 |
| CCDC167 | CENPF | LIHC\_GSE140228\_10X | All lineage | 0.337 |
| CCDC167 | CDT1 | LIHC\_GSE140228\_10X | All lineage | 0.343 |
| CCDC167 | CDKN3 | LIHC\_GSE140228\_10X | All lineage | 0.321 |
| CCDC167 | CDKN2C | LIHC\_GSE140228\_10X | All lineage | 0.366 |
| CCDC167 | CDK2AP2 | LIHC\_GSE140228\_10X | All lineage | 0.437 |
| CCDC167 | CDK2 | LIHC\_GSE140228\_10X | All lineage | 0.331 |
| CCDC167 | CDK1 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | CDCA5 | LIHC\_GSE140228\_10X | All lineage | 0.314 |
| CCDC167 | CDCA4 | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | CDC42 | LIHC\_GSE140228\_10X | All lineage | 0.315 |
| CCDC167 | CDC37 | LIHC\_GSE140228\_10X | All lineage | 0.313 |
| CCDC167 | CDC20 | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | CD2BP2 | LIHC\_GSE140228\_10X | All lineage | 0.327 |
| CCDC167 | CCT7 | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | CCT5 | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | CCT4 | LIHC\_GSE140228\_10X | All lineage | 0.298 |
| CCDC167 | CCR5 | LIHC\_GSE140228\_10X | All lineage | 0.348 |
| CCDC167 | CCNDBP1 | LIHC\_GSE140228\_10X | All lineage | 0.313 |
| CCDC167 | CCND2 | LIHC\_GSE140228\_10X | All lineage | 0.291 |
| CCDC167 | CCNB2 | LIHC\_GSE140228\_10X | All lineage | 0.286 |
| CCDC167 | CCNA2 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | CCDC107 | LIHC\_GSE140228\_10X | All lineage | 0.296 |
| CCDC167 | CBX3 | LIHC\_GSE140228\_10X | All lineage | 0.311 |
| CCDC167 | CARHSP1 | LIHC\_GSE140228\_10X | All lineage | 0.461 |
| CCDC167 | CAPZB | LIHC\_GSE140228\_10X | All lineage | 0.386 |
| CCDC167 | CAPZA1 | LIHC\_GSE140228\_10X | All lineage | 0.382 |
| CCDC167 | CAP1 | LIHC\_GSE140228\_10X | All lineage | 0.371 |
| CCDC167 | CALR | LIHC\_GSE140228\_10X | All lineage | 0.3 |
| CCDC167 | CALM3 | LIHC\_GSE140228\_10X | All lineage | 0.443 |
| CCDC167 | CACYBP | LIHC\_GSE140228\_10X | All lineage | 0.312 |
| CCDC167 | C9orf16 | LIHC\_GSE140228\_10X | All lineage | 0.413 |
| CCDC167 | BUD31 | LIHC\_GSE140228\_10X | All lineage | 0.34 |
| CCDC167 | BUB3 | LIHC\_GSE140228\_10X | All lineage | 0.412 |
| CCDC167 | BTG3 | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | BSG | LIHC\_GSE140228\_10X | All lineage | 0.387 |
| CCDC167 | BRK1 | LIHC\_GSE140228\_10X | All lineage | 0.302 |
| CCDC167 | BIRC5 | LIHC\_GSE140228\_10X | All lineage | 0.306 |
| CCDC167 | BAX | LIHC\_GSE140228\_10X | All lineage | 0.406 |
| CCDC167 | BATF | LIHC\_GSE140228\_10X | All lineage | 0.301 |
| CCDC167 | BAK1 | LIHC\_GSE140228\_10X | All lineage | 0.374 |
| CCDC167 | BAD | LIHC\_GSE140228\_10X | All lineage | 0.353 |
| CCDC167 | ASPM | LIHC\_GSE140228\_10X | All lineage | 0.309 |
| CCDC167 | ASNA1 | LIHC\_GSE140228\_10X | All lineage | 0.362 |
| CCDC167 | ASF1B | LIHC\_GSE140228\_10X | All lineage | 0.336 |
| CCDC167 | ARPP19 | LIHC\_GSE140228\_10X | All lineage | 0.347 |
| CCDC167 | ARPC5L | LIHC\_GSE140228\_10X | All lineage | 0.345 |
| CCDC167 | ARPC4 | LIHC\_GSE140228\_10X | All lineage | 0.318 |
| CCDC167 | ARPC2 | LIHC\_GSE140228\_10X | All lineage | 0.334 |
| CCDC167 | ARPC1B | LIHC\_GSE140228\_10X | All lineage | 0.297 |
| CCDC167 | ARL6IP5 | LIHC\_GSE140228\_10X | All lineage | 0.286 |
| CCDC167 | ARL6IP1 | LIHC\_GSE140228\_10X | All lineage | 0.301 |
| CCDC167 | ARHGDIB | LIHC\_GSE140228\_10X | All lineage | 0.308 |
| CCDC167 | ARHGDIA | LIHC\_GSE140228\_10X | All lineage | 0.36 |
| CCDC167 | ARHGAP11A | LIHC\_GSE140228\_10X | All lineage | 0.342 |
| CCDC167 | ARF6 | LIHC\_GSE140228\_10X | All lineage | 0.382 |
| CCDC167 | ARF1 | LIHC\_GSE140228\_10X | All lineage | 0.355 |
| CCDC167 | APRT | LIHC\_GSE140228\_10X | All lineage | 0.288 |
| CCDC167 | APOBEC3H | LIHC\_GSE140228\_10X | All lineage | 0.489 |
| CCDC167 | APOBEC3G | LIHC\_GSE140228\_10X | All lineage | 0.441 |
| CCDC167 | APOBEC3C | LIHC\_GSE140228\_10X | All lineage | 0.456 |
| CCDC167 | AP2M1 | LIHC\_GSE140228\_10X | All lineage | 0.361 |
| CCDC167 | AP1S1 | LIHC\_GSE140228\_10X | All lineage | 0.434 |
| CCDC167 | AP1G2 | LIHC\_GSE140228\_10X | All lineage | 0.309 |
| CCDC167 | ANXA7 | LIHC\_GSE140228\_10X | All lineage | 0.325 |
| CCDC167 | ANXA6 | LIHC\_GSE140228\_10X | All lineage | 0.39 |
| CCDC167 | ANXA11 | LIHC\_GSE140228\_10X | All lineage | 0.339 |
| CCDC167 | ANP32E | LIHC\_GSE140228\_10X | All lineage | 0.341 |
| CCDC167 | ANP32A | LIHC\_GSE140228\_10X | All lineage | 0.295 |
| CCDC167 | ANAPC11 | LIHC\_GSE140228\_10X | All lineage | 0.311 |
| CCDC167 | ALOX5AP | LIHC\_GSE140228\_10X | All lineage | 0.297 |
| CCDC167 | AIP | LIHC\_GSE140228\_10X | All lineage | 0.344 |
| CCDC167 | ADRM1 | LIHC\_GSE140228\_10X | All lineage | 0.31 |
| CCDC167 | ADH5 | LIHC\_GSE140228\_10X | All lineage | 0.3 |
| CCDC167 | ACTR3 | LIHC\_GSE140228\_10X | All lineage | 0.371 |
| CCDC167 | ACTR1B | LIHC\_GSE140228\_10X | All lineage | 0.302 |
| CCDC167 | ACTG1 | LIHC\_GSE140228\_10X | All lineage | 0.349 |
| CCDC167 | ACTB | LIHC\_GSE140228\_10X | All lineage | 0.338 |
| CCDC167 | ACADVL | LIHC\_GSE140228\_10X | All lineage | 0.289 |
| CCDC167 | ACAA2 | LIHC\_GSE140228\_10X | All lineage | 0.444 |