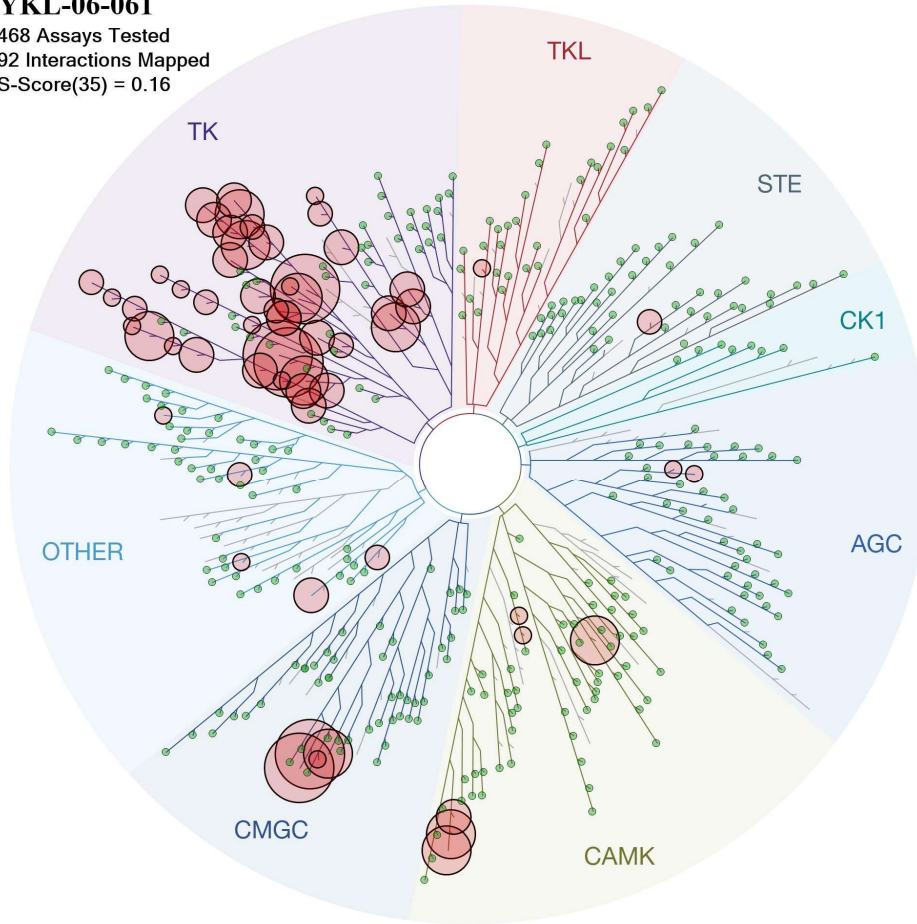
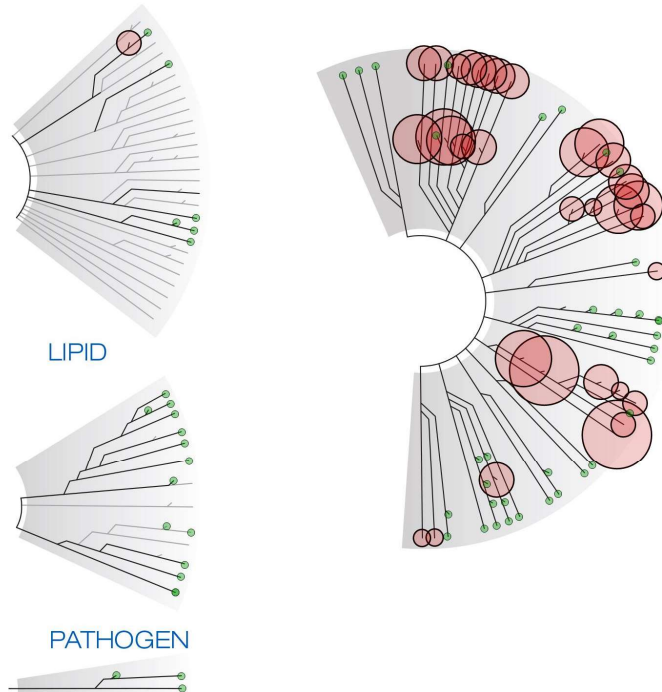


YKL-06-061
468 Assays Tested
92 Interactions Mapped
S-Score(35) = 0.16



ATYPICAL

MUTANT



| Compound Name | DiscoverX Gene Symbol | Entrez Gene Symbol | Percent Control | Compound Concentration (nM) |
|---------------|-------------------------------|--------------------|-----------------|-----------------------------|
| YKL-06-061 | AAK1 | AAK1 | 70 | 1000 |
| YKL-06-061 | ABL1(E255K)-phosphorylated | ABL1 | 1.4 | 1000 |
| YKL-06-061 | ABL1(F317I)-nonphosphorylated | ABL1 | 0.1 | 1000 |
| YKL-06-061 | ABL1(F317I)-phosphorylated | ABL1 | 7.3 | 1000 |
| YKL-06-061 | ABL1(F317L)-nonphosphorylated | ABL1 | 0.35 | 1000 |
| YKL-06-061 | ABL1(F317L)-phosphorylated | ABL1 | 1.6 | 1000 |
| YKL-06-061 | ABL1(H396P)-nonphosphorylated | ABL1 | 0.35 | 1000 |
| YKL-06-061 | ABL1(H396P)-phosphorylated | ABL1 | 1.7 | 1000 |
| YKL-06-061 | ABL1(M351T)-phosphorylated | ABL1 | 1.5 | 1000 |
| YKL-06-061 | ABL1(Q252H)-nonphosphorylated | ABL1 | 7.2 | 1000 |
| YKL-06-061 | ABL1(Q252H)-phosphorylated | ABL1 | 1.1 | 1000 |
| YKL-06-061 | ABL1(T315I)-nonphosphorylated | ABL1 | 94 | 1000 |
| YKL-06-061 | ABL1(T315I)-phosphorylated | ABL1 | 77 | 1000 |
| YKL-06-061 | ABL1(Y253F)-phosphorylated | ABL1 | 1.2 | 1000 |
| YKL-06-061 | ABL1-nonphosphorylated | ABL1 | 2.5 | 1000 |
| YKL-06-061 | ABL1-phosphorylated | ABL1 | 1.4 | 1000 |
| YKL-06-061 | ABL2 | ABL2 | 5 | 1000 |
| YKL-06-061 | ACVR1 | ACVR1 | 84 | 1000 |
| YKL-06-061 | ACVR1B | ACVR1B | 97 | 1000 |
| YKL-06-061 | ACVR2A | ACVR2A | 100 | 1000 |
| YKL-06-061 | ACVR2B | ACVR2B | 100 | 1000 |
| YKL-06-061 | ACVRL1 | ACVRL1 | 82 | 1000 |
| YKL-06-061 | ADCK3 | CABC1 | 37 | 1000 |
| YKL-06-061 | ADCK4 | ADCK4 | 7.7 | 1000 |
| YKL-06-061 | AKT1 | AKT1 | 90 | 1000 |
| YKL-06-061 | AKT2 | AKT2 | 88 | 1000 |
| YKL-06-061 | AKT3 | AKT3 | 63 | 1000 |
| YKL-06-061 | ALK | ALK | 57 | 1000 |
| YKL-06-061 | ALK(C1156Y) | ALK | 56 | 1000 |
| YKL-06-061 | ALK(L1196M) | ALK | 44 | 1000 |
| YKL-06-061 | AMPK-alpha1 | PRKAA1 | 100 | 1000 |
| YKL-06-061 | AMPK-alpha2 | PRKAA2 | 100 | 1000 |
| YKL-06-061 | ANKK1 | ANKK1 | 95 | 1000 |
| YKL-06-061 | ARK5 | NUAK1 | 94 | 1000 |
| YKL-06-061 | ASK1 | MAP3K5 | 100 | 1000 |
| YKL-06-061 | ASK2 | MAP3K6 | 74 | 1000 |
| YKL-06-061 | AURKA | AURKA | 90 | 1000 |
| YKL-06-061 | AURKB | AURKB | 85 | 1000 |
| YKL-06-061 | AURKC | AURKC | 96 | 1000 |
| YKL-06-061 | AXL | AXL | 69 | 1000 |
| YKL-06-061 | BIKE | BMP2K | 95 | 1000 |
| YKL-06-061 | BLK | BLK | 0.35 | 1000 |
| YKL-06-061 | BMPR1A | BMPR1A | 87 | 1000 |
| YKL-06-061 | BMPR1B | BMPR1B | 62 | 1000 |
| YKL-06-061 | BMPR2 | BMPR2 | 91 | 1000 |

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|------------|---------------------|--------|-----|------|
| YKL-06-061 | BMX | BMX | 66 | 1000 |
| YKL-06-061 | BRAF | BRAF | 52 | 1000 |
| YKL-06-061 | BRAF(V600E) | BRAF | 38 | 1000 |
| YKL-06-061 | BRK | PTK6 | 0.2 | 1000 |
| YKL-06-061 | BRSK1 | BRSK1 | 100 | 1000 |
| YKL-06-061 | BRSK2 | BRSK2 | 97 | 1000 |
| YKL-06-061 | BTK | BTK | 4.7 | 1000 |
| YKL-06-061 | BUB1 | BUB1 | 83 | 1000 |
| YKL-06-061 | CAMK1 | CAMK1 | 63 | 1000 |
| YKL-06-061 | CAMK1B | PNCK | 64 | 1000 |
| YKL-06-061 | CAMK1D | CAMK1D | 68 | 1000 |
| YKL-06-061 | CAMK1G | CAMK1G | 68 | 1000 |
| YKL-06-061 | CAMK2A | CAMK2A | 58 | 1000 |
| YKL-06-061 | CAMK2B | CAMK2B | 57 | 1000 |
| YKL-06-061 | CAMK2D | CAMK2D | 77 | 1000 |
| YKL-06-061 | CAMK2G | CAMK2G | 93 | 1000 |
| YKL-06-061 | CAMK4 | CAMK4 | 93 | 1000 |
| YKL-06-061 | CAMKK1 | CAMKK1 | 86 | 1000 |
| YKL-06-061 | CAMKK2 | CAMKK2 | 86 | 1000 |
| YKL-06-061 | CASK | CASK | 70 | 1000 |
| YKL-06-061 | CDC2L1 | CDK11B | 67 | 1000 |
| YKL-06-061 | CDC2L2 | CDC2L2 | 100 | 1000 |
| YKL-06-061 | CDC2L5 | CDK13 | 96 | 1000 |
| YKL-06-061 | CDK11 | CDK19 | 93 | 1000 |
| YKL-06-061 | CDK2 | CDK2 | 92 | 1000 |
| YKL-06-061 | CDK3 | CDK3 | 100 | 1000 |
| YKL-06-061 | CDK4 | CDK4 | 94 | 1000 |
| YKL-06-061 | CDK4-cyclinD1 | CDK4 | 86 | 1000 |
| YKL-06-061 | CDK4-cyclinD3 | CDK4 | 98 | 1000 |
| YKL-06-061 | CDK5 | CDK5 | 93 | 1000 |
| YKL-06-061 | CDK7 | CDK7 | 81 | 1000 |
| YKL-06-061 | CDK8 | CDK8 | 98 | 1000 |
| YKL-06-061 | CDK9 | CDK9 | 72 | 1000 |
| YKL-06-061 | CDKL1 | CDKL1 | 80 | 1000 |
| YKL-06-061 | CDKL2 | CDKL2 | 98 | 1000 |
| YKL-06-061 | CDKL3 | CDKL3 | 89 | 1000 |
| YKL-06-061 | CDKL5 | CDKL5 | 78 | 1000 |
| YKL-06-061 | CHEK1 | CHEK1 | 93 | 1000 |
| YKL-06-061 | CHEK2 | CHEK2 | 66 | 1000 |
| YKL-06-061 | CIT | CIT | 99 | 1000 |
| YKL-06-061 | CLK1 | CLK1 | 89 | 1000 |
| YKL-06-061 | CLK2 | CLK2 | 56 | 1000 |
| YKL-06-061 | CLK3 | CLK3 | 88 | 1000 |
| YKL-06-061 | CLK4 | CLK4 | 97 | 1000 |
| YKL-06-061 | CSF1R | CSF1R | 0 | 1000 |
| YKL-06-061 | CSF1R-autoinhibited | CSF1R | 5.2 | 1000 |
| YKL-06-061 | CSK | CSK | 9.2 | 1000 |

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|------------|---------------------------|----------|------|------|
| YKL-06-061 | CSNK1A1 | CSNK1A1 | 86 | 1000 |
| YKL-06-061 | CSNK1A1L | CSNK1A1L | 100 | 1000 |
| YKL-06-061 | CSNK1D | CSNK1D | 93 | 1000 |
| YKL-06-061 | CSNK1E | CSNK1E | 59 | 1000 |
| YKL-06-061 | CSNK1G1 | CSNK1G1 | 85 | 1000 |
| YKL-06-061 | CSNK1G2 | CSNK1G2 | 91 | 1000 |
| YKL-06-061 | CSNK1G3 | CSNK1G3 | 97 | 1000 |
| YKL-06-061 | CSNK2A1 | CSNK2A1 | 82 | 1000 |
| YKL-06-061 | CSNK2A2 | CSNK2A2 | 100 | 1000 |
| YKL-06-061 | CTK | MATK | 46 | 1000 |
| YKL-06-061 | DAPK1 | DAPK1 | 93 | 1000 |
| YKL-06-061 | DAPK2 | DAPK2 | 94 | 1000 |
| YKL-06-061 | DAPK3 | DAPK3 | 78 | 1000 |
| YKL-06-061 | DCAMKL1 | DCLK1 | 56 | 1000 |
| YKL-06-061 | DCAMKL2 | DCLK2 | 91 | 1000 |
| YKL-06-061 | DCAMKL3 | DCLK3 | 80 | 1000 |
| YKL-06-061 | DDR1 | DDR1 | 4.3 | 1000 |
| YKL-06-061 | DDR2 | DDR2 | 4.4 | 1000 |
| YKL-06-061 | DLK | MAP3K12 | 100 | 1000 |
| YKL-06-061 | DMPK | DMPK | 86 | 1000 |
| YKL-06-061 | DMPK2 | CDC42BPG | 100 | 1000 |
| YKL-06-061 | DRAK1 | STK17A | 89 | 1000 |
| YKL-06-061 | DRAK2 | STK17B | 95 | 1000 |
| YKL-06-061 | DYRK1A | DYRK1A | 85 | 1000 |
| YKL-06-061 | DYRK1B | DYRK1B | 87 | 1000 |
| YKL-06-061 | DYRK2 | DYRK2 | 86 | 1000 |
| YKL-06-061 | EGFR | EGFR | 6.2 | 1000 |
| YKL-06-061 | EGFR(E746-A750del) | EGFR | 12 | 1000 |
| YKL-06-061 | EGFR(G719C) | EGFR | 0.3 | 1000 |
| YKL-06-061 | EGFR(G719S) | EGFR | 0.45 | 1000 |
| YKL-06-061 | EGFR(L747-E749del, A750P) | EGFR | 3 | 1000 |
| YKL-06-061 | EGFR(L747-S752del, P753S) | EGFR | 6.1 | 1000 |
| YKL-06-061 | EGFR(L747-T751del,Sins) | EGFR | 2 | 1000 |
| YKL-06-061 | EGFR(L858R) | EGFR | 0.75 | 1000 |
| YKL-06-061 | EGFR(L858R,T790M) | EGFR | 37 | 1000 |
| YKL-06-061 | EGFR(L861Q) | EGFR | 0.7 | 1000 |
| YKL-06-061 | EGFR(S752-I759del) | EGFR | 4.2 | 1000 |
| YKL-06-061 | EGFR(T790M) | EGFR | 42 | 1000 |
| YKL-06-061 | EIF2AK1 | EIF2AK1 | 99 | 1000 |
| YKL-06-061 | EPHA1 | EPHA1 | 1.6 | 1000 |
| YKL-06-061 | EPHA2 | EPHA2 | 13 | 1000 |
| YKL-06-061 | EPHA3 | EPHA3 | 35 | 1000 |
| YKL-06-061 | EPHA4 | EPHA4 | 7.7 | 1000 |
| YKL-06-061 | EPHA5 | EPHA5 | 8.8 | 1000 |
| YKL-06-061 | EPHA6 | EPHA6 | 77 | 1000 |
| YKL-06-061 | EPHA7 | EPHA7 | 97 | 1000 |
| YKL-06-061 | EPHA8 | EPHA8 | 1.4 | 1000 |

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|------------|-----------------------|---------|-----|------|
| YKL-06-061 | EPHB1 | EPHB1 | 0.3 | 1000 |
| YKL-06-061 | EPHB2 | EPHB2 | 11 | 1000 |
| YKL-06-061 | EPHB3 | EPHB3 | 18 | 1000 |
| YKL-06-061 | EPHB4 | EPHB4 | 2.5 | 1000 |
| YKL-06-061 | EPHB6 | EPHB6 | 2.3 | 1000 |
| YKL-06-061 | ERBB2 | ERBB2 | 18 | 1000 |
| YKL-06-061 | ERBB3 | ERBB3 | 60 | 1000 |
| YKL-06-061 | ERBB4 | ERBB4 | 3.3 | 1000 |
| YKL-06-061 | ERK1 | MAPK3 | 95 | 1000 |
| YKL-06-061 | ERK2 | MAPK1 | 92 | 1000 |
| YKL-06-061 | ERK3 | MAPK6 | 88 | 1000 |
| YKL-06-061 | ERK4 | MAPK4 | 100 | 1000 |
| YKL-06-061 | ERK5 | MAPK7 | 84 | 1000 |
| YKL-06-061 | ERK8 | MAPK15 | 100 | 1000 |
| YKL-06-061 | ERN1 | ERN1 | 46 | 1000 |
| YKL-06-061 | FAK | PTK2 | 64 | 1000 |
| YKL-06-061 | FER | FER | 41 | 1000 |
| YKL-06-061 | FES | FES | 2.9 | 1000 |
| YKL-06-061 | FGFR1 | FGFR1 | 7 | 1000 |
| YKL-06-061 | FGFR2 | FGFR2 | 21 | 1000 |
| YKL-06-061 | FGFR3 | FGFR3 | 34 | 1000 |
| YKL-06-061 | FGFR3(G697C) | FGFR3 | 44 | 1000 |
| YKL-06-061 | FGFR4 | FGFR4 | 40 | 1000 |
| YKL-06-061 | FGR | FGR | 4.9 | 1000 |
| YKL-06-061 | FLT1 | FLT1 | 76 | 1000 |
| YKL-06-061 | FLT3 | FLT3 | 62 | 1000 |
| YKL-06-061 | FLT3(D835H) | FLT3 | 89 | 1000 |
| YKL-06-061 | FLT3(D835V) | FLT3 | 80 | 1000 |
| YKL-06-061 | FLT3(D835Y) | FLT3 | 91 | 1000 |
| YKL-06-061 | FLT3(ITD) | FLT3 | 92 | 1000 |
| YKL-06-061 | FLT3(ITD,D835V) | FLT3 | 84 | 1000 |
| YKL-06-061 | FLT3(ITD,F691L) | FLT3 | 71 | 1000 |
| YKL-06-061 | FLT3(K663Q) | FLT3 | 82 | 1000 |
| YKL-06-061 | FLT3(N841I) | FLT3 | 99 | 1000 |
| YKL-06-061 | FLT3(R834Q) | FLT3 | 85 | 1000 |
| YKL-06-061 | FLT3-autoinhibited | FLT3 | 92 | 1000 |
| YKL-06-061 | FLT4 | FLT4 | 80 | 1000 |
| YKL-06-061 | FRK | FRK | 0 | 1000 |
| YKL-06-061 | FYN | FYN | 7.8 | 1000 |
| YKL-06-061 | GAK | GAK | 9 | 1000 |
| YKL-06-061 | GCN2(Kin.Dom.2,S808G) | EIF2AK4 | 72 | 1000 |
| YKL-06-061 | GRK1 | GRK1 | 86 | 1000 |
| YKL-06-061 | GRK2 | ADRBK1 | 98 | 1000 |
| YKL-06-061 | GRK3 | ADRBK2 | 55 | 1000 |
| YKL-06-061 | GRK4 | GRK4 | 100 | 1000 |
| YKL-06-061 | GRK7 | GRK7 | 99 | 1000 |
| YKL-06-061 | GSK3A | GSK3A | 81 | 1000 |

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|------------|------------------------------|--------|------|------|
| YKL-06-061 | GSK3B | GSK3B | 100 | 1000 |
| YKL-06-061 | HASPIN | GSG2 | 93 | 1000 |
| YKL-06-061 | HCK | HCK | 2.1 | 1000 |
| YKL-06-061 | HIPK1 | HIPK1 | 94 | 1000 |
| YKL-06-061 | HIPK2 | HIPK2 | 90 | 1000 |
| YKL-06-061 | HIPK3 | HIPK3 | 80 | 1000 |
| YKL-06-061 | HIPK4 | HIPK4 | 95 | 1000 |
| YKL-06-061 | HPK1 | MAP4K1 | 66 | 1000 |
| YKL-06-061 | HUNK | HUNK | 51 | 1000 |
| YKL-06-061 | ICK | ICK | 96 | 1000 |
| YKL-06-061 | IGF1R | IGF1R | 92 | 1000 |
| YKL-06-061 | IKK-alpha | CHUK | 93 | 1000 |
| YKL-06-061 | IKK-beta | IKBKB | 94 | 1000 |
| YKL-06-061 | IKK-epsilon | IKBKE | 100 | 1000 |
| YKL-06-061 | INSR | INSR | 73 | 1000 |
| YKL-06-061 | INSRR | INSRR | 84 | 1000 |
| YKL-06-061 | IRAK1 | IRAK1 | 82 | 1000 |
| YKL-06-061 | IRAK3 | IRAK3 | 86 | 1000 |
| YKL-06-061 | IRAK4 | IRAK4 | 78 | 1000 |
| YKL-06-061 | ITK | ITK | 100 | 1000 |
| YKL-06-061 | JAK1(JH1domain-catalytic) | JAK1 | 100 | 1000 |
| YKL-06-061 | JAK1(JH2domain-pseudokinase) | JAK1 | 85 | 1000 |
| YKL-06-061 | JAK2(JH1domain-catalytic) | JAK2 | 98 | 1000 |
| YKL-06-061 | JAK3(JH1domain-catalytic) | JAK3 | 95 | 1000 |
| YKL-06-061 | JNK1 | MAPK8 | 20 | 1000 |
| YKL-06-061 | JNK2 | MAPK9 | 51 | 1000 |
| YKL-06-061 | JNK3 | MAPK10 | 65 | 1000 |
| YKL-06-061 | KIT | KIT | 0 | 1000 |
| YKL-06-061 | KIT(A829P) | KIT | 9.3 | 1000 |
| YKL-06-061 | KIT(D816H) | KIT | 18 | 1000 |
| YKL-06-061 | KIT(D816V) | KIT | 1.3 | 1000 |
| YKL-06-061 | KIT(L576P) | KIT | 0 | 1000 |
| YKL-06-061 | KIT(V559D) | KIT | 0.1 | 1000 |
| YKL-06-061 | KIT(V559D,T670I) | KIT | 92 | 1000 |
| YKL-06-061 | KIT(V559D,V654A) | KIT | 5.8 | 1000 |
| YKL-06-061 | KIT-autoinhibited | KIT | 0.95 | 1000 |
| YKL-06-061 | LATS1 | LATS1 | 100 | 1000 |
| YKL-06-061 | LATS2 | LATS2 | 100 | 1000 |
| YKL-06-061 | LCK | LCK | 1.4 | 1000 |
| YKL-06-061 | LIMK1 | LIMK1 | 81 | 1000 |
| YKL-06-061 | LIMK2 | LIMK2 | 72 | 1000 |
| YKL-06-061 | LKB1 | STK11 | 93 | 1000 |
| YKL-06-061 | LOK | STK10 | 82 | 1000 |
| YKL-06-061 | LRRK2 | LRRK2 | 98 | 1000 |
| YKL-06-061 | LRRK2(G2019S) | LRRK2 | 80 | 1000 |
| YKL-06-061 | LTK | LTK | 58 | 1000 |
| YKL-06-061 | LYN | LYN | 2.2 | 1000 |

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|------------|-------------|----------|-----|------|
| YKL-06-061 | LZK | MAP3K13 | 94 | 1000 |
| YKL-06-061 | MAK | MAK | 100 | 1000 |
| YKL-06-061 | MAP3K1 | MAP3K1 | 96 | 1000 |
| YKL-06-061 | MAP3K15 | MAP3K15 | 72 | 1000 |
| YKL-06-061 | MAP3K2 | MAP3K2 | 43 | 1000 |
| YKL-06-061 | MAP3K3 | MAP3K3 | 66 | 1000 |
| YKL-06-061 | MAP3K4 | MAP3K4 | 85 | 1000 |
| YKL-06-061 | MAP4K2 | MAP4K2 | 93 | 1000 |
| YKL-06-061 | MAP4K3 | MAP4K3 | 74 | 1000 |
| YKL-06-061 | MAP4K4 | MAP4K4 | 82 | 1000 |
| YKL-06-061 | MAP4K5 | MAP4K5 | 69 | 1000 |
| YKL-06-061 | MAPKAPK2 | MAPKAPK2 | 100 | 1000 |
| YKL-06-061 | MAPKAPK5 | MAPKAPK5 | 88 | 1000 |
| YKL-06-061 | MARK1 | MARK1 | 89 | 1000 |
| YKL-06-061 | MARK2 | MARK2 | 77 | 1000 |
| YKL-06-061 | MARK3 | MARK3 | 70 | 1000 |
| YKL-06-061 | MARK4 | MARK4 | 92 | 1000 |
| YKL-06-061 | MAST1 | MAST1 | 80 | 1000 |
| YKL-06-061 | MEK1 | MAP2K1 | 86 | 1000 |
| YKL-06-061 | MEK2 | MAP2K2 | 93 | 1000 |
| YKL-06-061 | MEK3 | MAP2K3 | 62 | 1000 |
| YKL-06-061 | MEK4 | MAP2K4 | 78 | 1000 |
| YKL-06-061 | MEK5 | MAP2K5 | 8.2 | 1000 |
| YKL-06-061 | MEK6 | MAP2K6 | 92 | 1000 |
| YKL-06-061 | MELK | MELK | 53 | 1000 |
| YKL-06-061 | MERTK | MERTK | 100 | 1000 |
| YKL-06-061 | MET | MET | 97 | 1000 |
| YKL-06-061 | MET(M1250T) | MET | 81 | 1000 |
| YKL-06-061 | MET(Y1235D) | MET | 86 | 1000 |
| YKL-06-061 | MINK | MINK1 | 57 | 1000 |
| YKL-06-061 | MKK7 | MAP2K7 | 79 | 1000 |
| YKL-06-061 | MKNK1 | MKNK1 | 97 | 1000 |
| YKL-06-061 | MKNK2 | MKNK2 | 87 | 1000 |
| YKL-06-061 | MLCK | MYLK3 | 96 | 1000 |
| YKL-06-061 | MLK1 | MAP3K9 | 95 | 1000 |
| YKL-06-061 | MLK2 | MAP3K10 | 100 | 1000 |
| YKL-06-061 | MLK3 | MAP3K11 | 100 | 1000 |
| YKL-06-061 | MRCKA | CDC42BPA | 99 | 1000 |
| YKL-06-061 | MRCKB | CDC42BPB | 100 | 1000 |
| YKL-06-061 | MST1 | STK4 | 98 | 1000 |
| YKL-06-061 | MST1R | MST1R | 76 | 1000 |
| YKL-06-061 | MST2 | STK3 | 100 | 1000 |
| YKL-06-061 | MST3 | STK24 | 78 | 1000 |
| YKL-06-061 | MST4 | MST4 | 69 | 1000 |
| YKL-06-061 | MTOR | MTOR | 95 | 1000 |
| YKL-06-061 | MUSK | MUSK | 95 | 1000 |
| YKL-06-061 | MYLK | MYLK | 96 | 1000 |

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|------------|-----------------------|-------------|------|------|
| YKL-06-061 | MYLK2 | MYLK2 | 73 | 1000 |
| YKL-06-061 | MYLK4 | MYLK4 | 97 | 1000 |
| YKL-06-061 | MYO3A | MYO3A | 51 | 1000 |
| YKL-06-061 | MYO3B | MYO3B | 51 | 1000 |
| YKL-06-061 | NDR1 | STK38 | 100 | 1000 |
| YKL-06-061 | NDR2 | STK38L | 84 | 1000 |
| YKL-06-061 | NEK1 | NEK1 | 100 | 1000 |
| YKL-06-061 | NEK10 | NEK10 | 89 | 1000 |
| YKL-06-061 | NEK11 | NEK11 | 100 | 1000 |
| YKL-06-061 | NEK2 | NEK2 | 69 | 1000 |
| YKL-06-061 | NEK3 | NEK3 | 86 | 1000 |
| YKL-06-061 | NEK4 | NEK4 | 90 | 1000 |
| YKL-06-061 | NEK5 | NEK5 | 79 | 1000 |
| YKL-06-061 | NEK6 | NEK6 | 81 | 1000 |
| YKL-06-061 | NEK7 | NEK7 | 100 | 1000 |
| YKL-06-061 | NEK9 | NEK9 | 94 | 1000 |
| YKL-06-061 | NIK | MAP3K14 | 75 | 1000 |
| YKL-06-061 | NIM1 | MGC42105 | 79 | 1000 |
| YKL-06-061 | NLK | NLK | 0.95 | 1000 |
| YKL-06-061 | OSR1 | OXS1 | 77 | 1000 |
| YKL-06-061 | p38-alpha | MAPK14 | 0 | 1000 |
| YKL-06-061 | p38-beta | MAPK11 | 0 | 1000 |
| YKL-06-061 | p38-delta | MAPK13 | 97 | 1000 |
| YKL-06-061 | p38-gamma | MAPK12 | 100 | 1000 |
| YKL-06-061 | PAK1 | PAK1 | 40 | 1000 |
| YKL-06-061 | PAK2 | PAK2 | 75 | 1000 |
| YKL-06-061 | PAK3 | PAK3 | 98 | 1000 |
| YKL-06-061 | PAK4 | PAK4 | 94 | 1000 |
| YKL-06-061 | PAK6 | PAK6 | 87 | 1000 |
| YKL-06-061 | PAK7 | PAK7 | 83 | 1000 |
| YKL-06-061 | PCTK1 | CDK16 | 66 | 1000 |
| YKL-06-061 | PCTK2 | CDK17 | 72 | 1000 |
| YKL-06-061 | PCTK3 | CDK18 | 73 | 1000 |
| YKL-06-061 | PDGFRA | PDGFRA | 2.5 | 1000 |
| YKL-06-061 | PDGFRB | PDGFRB | 0.25 | 1000 |
| YKL-06-061 | PDPK1 | PDPK1 | 89 | 1000 |
| YKL-06-061 | PFCDPK1(P.falciparum) | CDPK1 | 59 | 1000 |
| YKL-06-061 | PFPK5(P.falciparum) | MAL13P1.279 | 99 | 1000 |
| YKL-06-061 | PFTAIRE2 | CDK15 | 100 | 1000 |
| YKL-06-061 | PFTK1 | CDK14 | 100 | 1000 |
| YKL-06-061 | PHKG1 | PHKG1 | 100 | 1000 |
| YKL-06-061 | PHKG2 | PHKG2 | 88 | 1000 |
| YKL-06-061 | PIK3C2B | PIK3C2B | 74 | 1000 |
| YKL-06-061 | PIK3C2G | PIK3C2G | 83 | 1000 |
| YKL-06-061 | PIK3CA | PIK3CA | 71 | 1000 |
| YKL-06-061 | PIK3CA(C420R) | PIK3CA | 91 | 1000 |
| YKL-06-061 | PIK3CA(E542K) | PIK3CA | 100 | 1000 |

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|------------|----------------------|----------|-----|------|
| YKL-06-061 | PIK3CA(E545A) | PIK3CA | 70 | 1000 |
| YKL-06-061 | PIK3CA(E545K) | PIK3CA | 3.4 | 1000 |
| YKL-06-061 | PIK3CA(H1047L) | PIK3CA | 82 | 1000 |
| YKL-06-061 | PIK3CA(H1047Y) | PIK3CA | 84 | 1000 |
| YKL-06-061 | PIK3CA(I800L) | PIK3CA | 78 | 1000 |
| YKL-06-061 | PIK3CA(M1043I) | PIK3CA | 83 | 1000 |
| YKL-06-061 | PIK3CA(Q546K) | PIK3CA | 98 | 1000 |
| YKL-06-061 | PIK3CB | PIK3CB | 76 | 1000 |
| YKL-06-061 | PIK3CD | PIK3CD | 81 | 1000 |
| YKL-06-061 | PIK3CG | PIK3CG | 77 | 1000 |
| YKL-06-061 | PIK4CB | PI4KB | 90 | 1000 |
| YKL-06-061 | PIKFYVE | PIKFYVE | 89 | 1000 |
| YKL-06-061 | PIM1 | PIM1 | 89 | 1000 |
| YKL-06-061 | PIM2 | PIM2 | 95 | 1000 |
| YKL-06-061 | PIM3 | PIM3 | 96 | 1000 |
| YKL-06-061 | PIP5K1A | PIP5K1A | 75 | 1000 |
| YKL-06-061 | PIP5K1C | PIP5K1C | 79 | 1000 |
| YKL-06-061 | PIP5K2B | PIP4K2B | 100 | 1000 |
| YKL-06-061 | PIP5K2C | PIP4K2C | 94 | 1000 |
| YKL-06-061 | PKAC-alpha | PRKACA | 100 | 1000 |
| YKL-06-061 | PKAC-beta | PRKACB | 94 | 1000 |
| YKL-06-061 | PKMYT1 | PKMYT1 | 8.9 | 1000 |
| YKL-06-061 | PKN1 | PKN1 | 94 | 1000 |
| YKL-06-061 | PKN2 | PKN2 | 73 | 1000 |
| YKL-06-061 | PKNB(M.tuberculosis) | pknB | 81 | 1000 |
| YKL-06-061 | PLK1 | PLK1 | 80 | 1000 |
| YKL-06-061 | PLK2 | PLK2 | 90 | 1000 |
| YKL-06-061 | PLK3 | PLK3 | 68 | 1000 |
| YKL-06-061 | PLK4 | PLK4 | 92 | 1000 |
| YKL-06-061 | PRKCD | PRKCD | 95 | 1000 |
| YKL-06-061 | PRKCE | PRKCE | 98 | 1000 |
| YKL-06-061 | PRKCH | PRKCH | 100 | 1000 |
| YKL-06-061 | PRKCI | PRKCI | 89 | 1000 |
| YKL-06-061 | PRKCQ | PRKCQ | 80 | 1000 |
| YKL-06-061 | PRKD1 | PRKD1 | 16 | 1000 |
| YKL-06-061 | PRKD2 | PRKD2 | 16 | 1000 |
| YKL-06-061 | PRKD3 | PRKD3 | 44 | 1000 |
| YKL-06-061 | PRKG1 | PRKG1 | 100 | 1000 |
| YKL-06-061 | PRKG2 | PRKG2 | 84 | 1000 |
| YKL-06-061 | PRKR | EIF2AK2 | 1 | 1000 |
| YKL-06-061 | PRKX | PRKX | 88 | 1000 |
| YKL-06-061 | PRP4 | PRPF4B | 100 | 1000 |
| YKL-06-061 | PYK2 | PTK2B | 87 | 1000 |
| YKL-06-061 | QSK | KIAA0999 | 2.3 | 1000 |
| YKL-06-061 | RAF1 | RAF1 | 97 | 1000 |
| YKL-06-061 | RET | RET | 30 | 1000 |
| YKL-06-061 | RET(M918T) | RET | 27 | 1000 |

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|------------|-------------------------------|---------|------|------|
| YKL-06-061 | RET(V804L) | RET | 89 | 1000 |
| YKL-06-061 | RET(V804M) | RET | 95 | 1000 |
| YKL-06-061 | RIOK1 | RIOK1 | 83 | 1000 |
| YKL-06-061 | RIOK2 | RIOK2 | 87 | 1000 |
| YKL-06-061 | RIOK3 | RIOK3 | 100 | 1000 |
| YKL-06-061 | RIPK1 | RIPK1 | 71 | 1000 |
| YKL-06-061 | RIPK2 | RIPK2 | 14 | 1000 |
| YKL-06-061 | RIPK4 | RIPK4 | 94 | 1000 |
| YKL-06-061 | RIPK5 | DSTYK | 66 | 1000 |
| YKL-06-061 | ROCK1 | ROCK1 | 85 | 1000 |
| YKL-06-061 | ROCK2 | ROCK2 | 83 | 1000 |
| YKL-06-061 | ROS1 | ROS1 | 94 | 1000 |
| YKL-06-061 | RPS6KA4(Kin.Dom.1-N-terminal) | RPS6KA4 | 100 | 1000 |
| YKL-06-061 | RPS6KA4(Kin.Dom.2-C-terminal) | RPS6KA4 | 91 | 1000 |
| YKL-06-061 | RPS6KA5(Kin.Dom.1-N-terminal) | RPS6KA5 | 97 | 1000 |
| YKL-06-061 | RPS6KA5(Kin.Dom.2-C-terminal) | RPS6KA5 | 72 | 1000 |
| YKL-06-061 | RSK1(Kin.Dom.1-N-terminal) | RPS6KA1 | 99 | 1000 |
| YKL-06-061 | RSK1(Kin.Dom.2-C-terminal) | RPS6KA1 | 41 | 1000 |
| YKL-06-061 | RSK2(Kin.Dom.1-N-terminal) | RPS6KA3 | 81 | 1000 |
| YKL-06-061 | RSK2(Kin.Dom.2-C-terminal) | RPS6KA3 | 50 | 1000 |
| YKL-06-061 | RSK3(Kin.Dom.1-N-terminal) | RPS6KA2 | 85 | 1000 |
| YKL-06-061 | RSK3(Kin.Dom.2-C-terminal) | RPS6KA2 | 87 | 1000 |
| YKL-06-061 | RSK4(Kin.Dom.1-N-terminal) | RPS6KA6 | 89 | 1000 |
| YKL-06-061 | RSK4(Kin.Dom.2-C-terminal) | RPS6KA6 | 0.6 | 1000 |
| YKL-06-061 | S6K1 | RPS6KB1 | 94 | 1000 |
| YKL-06-061 | SBK1 | SBK1 | 70 | 1000 |
| YKL-06-061 | SGK | SGK1 | 92 | 1000 |
| YKL-06-061 | SgK110 | SgK110 | 90 | 1000 |
| YKL-06-061 | SGK2 | SGK2 | 84 | 1000 |
| YKL-06-061 | SGK3 | SGK3 | 89 | 1000 |
| YKL-06-061 | SIK | SIK1 | 0.3 | 1000 |
| YKL-06-061 | SIK2 | SIK2 | 0.7 | 1000 |
| YKL-06-061 | SLK | SLK | 97 | 1000 |
| YKL-06-061 | SNARK | NUAK2 | 69 | 1000 |
| YKL-06-061 | SNRK | SNRK | 78 | 1000 |
| YKL-06-061 | SRC | SRC | 0.15 | 1000 |
| YKL-06-061 | SRMS | SRMS | 11 | 1000 |
| YKL-06-061 | SRPK1 | SRPK1 | 100 | 1000 |
| YKL-06-061 | SRPK2 | SRPK2 | 75 | 1000 |
| YKL-06-061 | SRPK3 | SRPK3 | 97 | 1000 |
| YKL-06-061 | STK16 | STK16 | 96 | 1000 |
| YKL-06-061 | STK33 | STK33 | 39 | 1000 |
| YKL-06-061 | STK35 | STK35 | 98 | 1000 |
| YKL-06-061 | STK36 | STK36 | 39 | 1000 |
| YKL-06-061 | STK39 | STK39 | 66 | 1000 |
| YKL-06-061 | SYK | SYK | 100 | 1000 |
| YKL-06-061 | TAK1 | MAP3K7 | 88 | 1000 |

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|------------|------------------------------|---------|-----|------|
| YKL-06-061 | TAOK1 | TAOK1 | 55 | 1000 |
| YKL-06-061 | TAOK2 | TAOK2 | 44 | 1000 |
| YKL-06-061 | TAOK3 | TAOK3 | 50 | 1000 |
| YKL-06-061 | TBK1 | TBK1 | 87 | 1000 |
| YKL-06-061 | TEC | TEC | 92 | 1000 |
| YKL-06-061 | TESK1 | TESK1 | 86 | 1000 |
| YKL-06-061 | TGFBR1 | TGFBR1 | 97 | 1000 |
| YKL-06-061 | TGFBR2 | TGFBR2 | 82 | 1000 |
| YKL-06-061 | TIE1 | TIE1 | 75 | 1000 |
| YKL-06-061 | TIE2 | TEK | 58 | 1000 |
| YKL-06-061 | TLK1 | TLK1 | 76 | 1000 |
| YKL-06-061 | TLK2 | TLK2 | 17 | 1000 |
| YKL-06-061 | TNIK | TNIK | 62 | 1000 |
| YKL-06-061 | TNK1 | TNK1 | 2.6 | 1000 |
| YKL-06-061 | TNK2 | TNK2 | 0.4 | 1000 |
| YKL-06-061 | TNNI3K | TNNI3K | 83 | 1000 |
| YKL-06-061 | TRKA | NTRK1 | 69 | 1000 |
| YKL-06-061 | TRKB | NTRK2 | 99 | 1000 |
| YKL-06-061 | TRKC | NTRK3 | 85 | 1000 |
| YKL-06-061 | TRPM6 | TRPM6 | 100 | 1000 |
| YKL-06-061 | TSSK1B | TSSK1B | 45 | 1000 |
| YKL-06-061 | TSSK3 | TSSK3 | 65 | 1000 |
| YKL-06-061 | TTK | TTK | 13 | 1000 |
| YKL-06-061 | TXK | TXK | 3.7 | 1000 |
| YKL-06-061 | TYK2(JH1domain-catalytic) | TYK2 | 83 | 1000 |
| YKL-06-061 | TYK2(JH2domain-pseudokinase) | TYK2 | 93 | 1000 |
| YKL-06-061 | TYRO3 | TYRO3 | 41 | 1000 |
| YKL-06-061 | ULK1 | ULK1 | 64 | 1000 |
| YKL-06-061 | ULK2 | ULK2 | 53 | 1000 |
| YKL-06-061 | ULK3 | ULK3 | 100 | 1000 |
| YKL-06-061 | VEGFR2 | KDR | 78 | 1000 |
| YKL-06-061 | VPS34 | PIK3C3 | 95 | 1000 |
| YKL-06-061 | VRK2 | VRK2 | 84 | 1000 |
| YKL-06-061 | WEE1 | WEE1 | 100 | 1000 |
| YKL-06-061 | WEE2 | WEE2 | 85 | 1000 |
| YKL-06-061 | WNK1 | WNK1 | 68 | 1000 |
| YKL-06-061 | WNK2 | WNK2 | 53 | 1000 |
| YKL-06-061 | WNK3 | WNK3 | 89 | 1000 |
| YKL-06-061 | WNK4 | WNK4 | 36 | 1000 |
| YKL-06-061 | YANK1 | STK32A | 11 | 1000 |
| YKL-06-061 | YANK2 | STK32B | 13 | 1000 |
| YKL-06-061 | YANK3 | STK32C | 49 | 1000 |
| YKL-06-061 | YES | YES1 | 1.6 | 1000 |
| YKL-06-061 | YSK1 | STK25 | 95 | 1000 |
| YKL-06-061 | YSK4 | MAP3K19 | 74 | 1000 |
| YKL-06-061 | ZAK | ZAK | 66 | 1000 |
| YKL-06-061 | ZAP70 | ZAP70 | 93 | 1000 |