| approved symbol | DiscoverX | ProQinase | Reaction Biology Corp | Nanosyn | Eurofins | Carna | Luceome | ThermoFisher | SignalChem | MRC |
|-----------------|-----------|-----------|-----------------------|---------|----------|-------|---------|--------------|------------|-----|
| AAK1            | yes       |           |                       |         |          |       |         |              |            |     |
| AATK            |           |           |                       |         |          |       |         |              |            |     |
| ABL1            | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| ABL2            | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| ACVR1           | yes       | yes       |                       |         |          |       |         |              |            |     |
| ACVR1B          | yes       | yes       |                       |         |          |       |         |              |            |     |
| ACVR1C          |           |           |                       |         |          |       |         |              |            |     |
| ACVR2A          | yes       | yes       |                       |         |          |       |         |              | yes        | yes |
| ACVR2B          | yes       | yes       |                       |         |          |       |         |              | yes        | yes |
| ACVRL1          | yes       | yes       |                       |         |          |       |         |              | yes        |     |
| ADCK1           |           |           |                       |         |          |       |         |              |            |     |
| ADCK2           |           |           |                       |         |          |       |         |              |            |     |
| ADCK5           |           |           |                       |         |          |       |         |              |            |     |
| AKT1            | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| AKT2            | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| AKT3            | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| ALK             | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| ALPK1           |           |           |                       |         |          |       |         |              |            |     |
| ALPK2           |           |           |                       |         |          |       |         |              |            |     |
| ALPK3           |           |           |                       |         |          |       |         |              |            |     |
| AMHR2           |           |           |                       |         |          |       |         |              |            |     |
| ANKK1           | yes       |           |                       |         |          |       |         |              | yes        |     |
| ARAF            | yes       |           |                       |         |          |       |         |              | yes        |     |
| ATM             | yes       |           |                       |         |          |       |         |              | yes        |     |
| ATR             |           |           |                       |         |          |       |         |              | yes        |     |
| AURKA           | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| AURKB           | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| AURKC           | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| AXL             | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| BCKDK           |           |           |                       |         |          |       |         |              |            |     |
| BCR             |           |           |                       |         |          |       |         |              |            |     |
| BLK             | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| BMP2K           | yes       |           |                       |         |          |       |         |              | yes        |     |
| BMPR1A          | yes       | yes       | yes                   |         |          |       |         |              | yes        |     |
| BMPR1B          | yes       | yes       |                       |         |          |       |         |              | yes        |     |
| BMPR2           | yes       | yes       |                       |         |          |       |         |              | yes        |     |
| BMX             | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| BRAF            | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| BRSK1           | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| BRSK2           | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| BTK             | yes       | yes       | yes                   | yes     | yes      | yes   | yes     | yes          | yes        | Yes |
| BUB1            | yes       |           |                       |         |          |       |         |              |            |     |
| Gene  |  |  |  |  |  |  |  |  |  |
|-------|---|---|---|---|---|---|---|---|---|
| BUB1B | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMK1 | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| CAMK1D | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMK1G | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMK2A | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMK2B | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMK2D | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMK2G | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMK4 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMKK1 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CAMKK2 | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| CAMK2V | CASK | yes | yes | yes | yes |
| CDC42BPA | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDC42BPB | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDC42BPG | yes | yes | yes | yes |
| CDC7 | yes | yes | yes | yes | yes |
| CDK1 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK2 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK20 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK3 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK4 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK5 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK6 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK7 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK8 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDK9 | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| CDKL1 | yes |
| CDKL2 | yes |
| CDKL3 | yes |
| CDKL4 | yes |
| CDKL5 | yes | yes | yes | yes | yes |
| CHEK1 | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| CHEK2 | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| Gene   | CHUK | CIT   | CLK1  | CLK2  | CLK3  | CLK4  | COQ8A  | CSF1R  | CLK1A1 | CLK1A1L | CSNK1D | CSNK1E | CSNK1G1 | CSNK1G2 | CSNK1G3 | CSNK2A1 | CSNK2A2 | DAPK1  | DAPK2  | DAPK3  | DCLK1  | DCLK2  | DCLK3  | DDR1  | DDR2  | DMPK  | DSTYK  | DYSR1 | DYRK1A | DYRK1B | DYRK2  | DYRK3  | DYRK4  | EEF2K  | EGFR   | EIF2AK1 | EIF2AK2 | EIF2AK3 | EIF2AK4 | EPHA1  | EPHA2  | EPHA3  | EPHA4   |
|--------|------|-------|-------|-------|-------|-------|--------|--------|--------|---------|--------|--------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Gene     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------|---|---|---|---|---|---|---|---|
| EPHA5    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHA6    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHA7    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHA8    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHB1    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHB2    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHB3    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHB4    | yes | yes | yes | yes | yes | yes | yes | yes |
| EPHB6    | yes | yes | yes | yes | yes | yes | yes | yes |
| ERBB2    | yes | yes | yes | yes | yes | yes | yes | yes |
| ERBB3    | yes | yes | yes | yes | yes | yes | yes | yes |
| ERN1     | yes | yes | yes | yes | yes | yes | yes | yes |
| ERN2     | yes | yes | yes | yes | yes | yes | yes | yes |
| FASTK    | yes | yes | yes | yes | yes | yes | yes | yes |
| FER      | yes | yes | yes | yes | yes | yes | yes | yes |
| FES      | yes | yes | yes | yes | yes | yes | yes | yes |
| FGFR1    | yes | yes | yes | yes | yes | yes | yes | yes |
| FGFR2    | yes | yes | yes | yes | yes | yes | yes | yes |
| FGFR3    | yes | yes | yes | yes | yes | yes | yes | yes |
| FGFR4    | yes | yes | yes | yes | yes | yes | yes | yes |
| FGR      | yes | yes | yes | yes | yes | yes | yes | yes |
| FLT1     | yes | yes | yes | yes | yes | yes | yes | yes |
| FLT3     | yes | yes | yes | yes | yes | yes | yes | yes |
| FLT4     | yes | yes | yes | yes | yes | yes | yes | yes |
| FRK      | yes | yes | yes | yes | yes | yes | yes | yes |
| FYN      | yes | yes | yes | yes | yes | yes | yes | yes |
| GAK      | yes | yes | yes | yes | yes | yes | yes | yes |
| GRK1     | yes | yes | yes | yes | yes | yes | yes | yes |
| GRK2     | yes | yes | yes | yes | yes | yes | yes | yes |
| GRK3     | yes | yes | yes | yes | yes | yes | yes | yes |
| GRK4     | yes | yes | yes | yes | yes | yes | yes | yes |
| GRK5     | yes | yes | yes | yes | yes | yes | yes | yes |
| GRK6     | yes | yes | yes | yes | yes | yes | yes | yes |
| GRK7     | yes | yes | yes | yes | yes | yes | yes | yes |
| GSG2     | yes | yes | yes | yes | yes | yes | yes | yes |
| GSK3A    | yes | yes | yes | yes | yes | yes | yes | yes |
| GSK3B    | yes | yes | yes | yes | yes | yes | yes | yes |
| GUCY2C   | yes | yes | yes | yes | yes | yes | yes | yes |
| GUCY2D   | yes | yes | yes | yes | yes | yes | yes | yes |
| GUCY2F   | yes | yes | yes | yes | yes | yes | yes | yes |
| HCK      | yes | yes | yes | yes | yes | yes | yes | yes |
| HIPK1    | yes | yes | yes | yes | yes | yes | yes | yes |
| HIPK2    | yes | yes | yes | yes | yes | yes | yes | yes |
| HIPK3    | yes | yes | yes | yes | yes | yes | yes | yes |
| Gene   | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| HIPK4  | yes |     |     |     |     |     |     |     |     |     |     |     |
| HUNK   |     |     |     |     |     |     |     |     |     |     |     | yes |
| ICK    |     |     | yes |     |     |     |     |     |     |     |     |     |
| IGF1R  | yes | yes | yes | yes | yes | yes | yes | yes | Yes |     |     |     |
| IKBK   | yes | yes | yes | yes | yes | yes | yes | yes | Yes |     |     |     |
| IKBK2  | yes |     |     |     |     |     |     |     |     |     |     |     |
| ILK    |     |     |     |     |     |     |     |     |     |     |     |     |
| INSR   | yes | yes | yes | yes | yes | yes | yes | yes | Yes |     |     |     |
| INSRR  | yes | yes | yes | yes | yes | yes | yes | yes | Yes |     |     |     |
| IRAK1  | yes | yes | yes | yes | yes |     |     |     | Yes |     |     |     |
| IRAK2  |     |     |     |     |     |     |     |     |     |     |     | yes |
| IRAK3  |     |     |     |     |     |     |     |     |     |     |     |     |
| IRAK4  | yes | yes | yes | yes | yes | yes |     |     |     |     |     |     |
| ITK    |     |     |     |     |     |     |     |     |     |     |     |     |
| JAK1   | yes | yes | yes | yes | yes | yes | yes | yes |     |     |     |     |
| JAK2   | yes | yes | yes | yes | yes | yes |     |     |     |     |     |     |
| JAK3   | yes | yes | yes | yes | yes | yes |     |     |     |     |     |     |
| KALRN  |     |     |     |     |     |     |     |     |     |     |     |     |
| KDR    | yes | yes | yes | yes | yes | yes | yes |     |     |     |     |     |
| KIT    |     |     |     |     |     |     |     |     |     |     |     |     |
| KSR1   |     |     |     |     |     |     |     |     |     |     |     | yes |
| KSR2   |     |     |     |     |     |     |     |     |     |     |     |     |
| LATS1  | yes | yes | yes |     |     |     |     |     |     |     |     |     |
| LATS2  | yes | yes | yes |     |     |     |     |     |     |     |     |     |
| LCK    |     |     |     |     |     |     |     |     |     |     |     |     |
| LIMK1  | yes | yes | yes | yes | yes |     |     |     |     |     |     |     |
| LIMK2  | yes | yes |     |     |     |     |     |     |     |     |     |     |
| LMTK2  |     |     |     |     |     |     |     |     |     |     |     |     |
| LMTK3  |     |     |     |     |     |     |     |     |     |     |     |     |
| LRRK1  |     |     |     |     |     |     |     |     |     |     |     |     |
| LRRK2  | yes | yes | yes | yes |     |     |     |     |     |     |     |     |
| LTK    |     |     |     |     |     |     |     |     |     |     |     |     |
| LYN    |     |     |     |     |     |     |     |     |     |     |     |     |
| MAK    |     |     |     |     |     |     |     |     |     |     |     |     |
| MAP2K1 | yes | yes | yes | yes | yes | yes |     |     |     |     |     |     |
| MAP2K2 | yes | yes | yes | yes | yes | yes |     |     |     |     |     |     |
| MAP2K3 | yes |     |     |     |     |     |     |     |     |     |     |     |
| MAP2K4 |     |     |     |     |     |     |     |     |     |     |     |     |
| MAP2K5 |     |     |     |     |     |     |     |     |     |     |     |     |
| MAP2K6 |     |     |     |     |     |     |     |     |     |     |     |     |
| MAP2K7 |     |     |     |     |     |     |     |     |     |     |     |     |
| MAP3K1 | yes | yes | yes |     |     |     |     |     |     |     |     |     |
| MAP3K10 | yes | yes | yes | yes | yes | yes | yes |     |     |     |     |     |
| MAP3K11 | yes | yes | yes | yes | yes |     |     |     |     |     |     |     |
| MAP3K12 | yes |     |     |     |     |     |     |     |     |     |     |     |
| MAP3K13 | yes |
| MAP3K14 | yes yes yes |
| MAP3K15 | yes |
| MAP3K19 | yes yes yes |
| MAP3K2  | yes yes yes yes yes yes yes |
| MAP3K20 | yes yes yes yes yes |
| MAP3K21 | yes yes |
| MAP3K3  | yes yes yes yes yes |
| MAP3K4  | yes |
| MAP3K5  | yes yes yes yes yes yes yes |
| MAP3K6  | yes yes |
| MAP3K7  | yes yes yes yes yes yes yes yes Yes |
| MAP3K8  | yes yes yes yes |
| MAP3K9  | yes yes yes yes yes yes yes yes Yes |
| MAP4K1  | yes yes |
| MAP4K2  | yes yes yes yes yes yes yes yes Yes |
| MAP4K3  | yes yes |
| MAP4K4  | yes yes yes yes yes yes yes yes Yes |
| MAP4K5  | yes yes yes yes yes yes yes yes Yes |
| MAPK1   | yes yes yes yes yes yes yes yes Yes |
| MAPK10  | yes yes yes yes yes yes yes yes Yes |
| MAPK11  | yes yes yes yes yes yes yes yes Yes |
| MAPK12  | yes yes yes yes yes yes yes yes Yes |
| MAPK13  | yes yes yes yes yes yes yes yes Yes |
| MAPK14  | yes yes yes yes yes yes yes yes Yes |
| MAPK15  | yes yes yes yes yes yes yes yes Yes |
| MAPK3   | yes yes yes yes yes yes yes yes Yes |
| MAPK4   | yes |
| MAPK6   | yes |
| MAPK7   | yes yes yes yes yes yes yes yes Yes |
| MAPK8   | yes yes yes yes yes yes yes yes Yes |
| MAPK9   | yes yes yes yes yes yes yes yes Yes |
| MAPKAPK2 | yes yes yes yes yes yes yes yes Yes |
| MAPKAPK3 | yes yes yes yes yes yes yes yes Yes |
| MAPKAPK5 | yes yes yes yes yes yes yes yes Yes |
| MARK1   | yes yes yes yes yes yes yes yes Yes |
| MARK2   | yes yes yes yes yes yes yes yes Yes |
| MARK3   | yes yes yes yes yes yes yes yes Yes |
| MARK4   | yes yes yes yes yes yes yes yes Yes |
| MAST1   | yes |
| MAST2   | |
| MAST3   | |
| MAST4   | |
| MATL    | |
| MATK    | yes yes yes |
| MATK    | yes yes |
| Gene   | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MELK   | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MERTK  | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MET    | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MINK1  | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MKNK1  | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MKNK2  | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MLKL   | yes |     |     |     |     |     |     |     |     |     |
| MOK    |     |     |     |     |     | yes |     |     |     |     |
| MOS    |     |     |     |     |     |     | yes |     |     |     |
| MST1R  | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MTOR   | yes | yes | yes | yes | yes | yes |     |     |     |     |
| MUSK   | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MYLK   | yes | yes | yes | yes | yes |     |     |     |     |     |
| MYLK2  | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| MYLK3  | yes | yes | yes | yes |     |     |     |     |     |     |
| MYLK4  | yes |     |     |     |     |     | yes |     |     |     |
| MYO3A  | yes |     |     |     |     |     |     |     |     |     |
| MYO3B  | yes | yes | yes |     |     |     |     | yes | yes |     |
| NEK1   | yes | yes | yes | yes | yes |     |     | yes | yes |     |
| NEK10  |     |     |     |     |     |     |     |     |     |     |
| NEK11  | yes | yes | yes | yes |     |     |     |     |     |     |
| NEK2   | yes | yes | yes | yes | yes | yes |     |     |     |     |
| NEK3   | yes | ye  | yes |     |     |     |     |     |     |     |
| NEK4   | yes | yes | yes |     |     |     |     |     |     |     |
| NEK5   |     | yes |     |     |     |     |     |     |     |     |
| NEK6   | yes | yes | yes | yes |     |     |     | yes | yes |     |
| NEK7   | yes | yes | yes | yes | yes |     |     |     |     |     |
| NEK8   |     |     |     |     |     |     |     |     |     |     |
| NEK9   | yes | yes | yes | yes |     |     |     |     |     |     |
| NIM1K  | yes |     |     |     |     |     |     |     |     |     |
| NLK    | yes | yes | yes |     |     |     |     |     |     |     |
| NPR1   |     |     |     |     |     |     |     |     |     |     |
| NPR2   |     |     |     |     |     |     |     |     |     |     |
| NRBP1  |     |     |     |     |     |     |     |     |     |     |
| NRBP2  |     |     |     |     |     |     |     |     |     |     |
| NRK    |     |     |     |     |     |     |     |     |     |     |
| NTRK1  | yes | yes | yes | yes | yes |     |     | yes | yes |     |
| NTRK2  | yes | yes | yes | yes | yes |     |     |     | yes |     |
| NTRK3  | yes | yes | yes | yes | yes |     |     |     |     |     |
| NUAK1  | yes | yes | yes | yes |     |     |     |     |     |     |
| NUAK2  | yes | yes | yes | yes |     |     |     |     |     |     |
| OBSCN  |     |     |     |     |     |     |     |     |     |     |
| OXSR1  | yes |     |     |     |     |     |     |     |     |     |
| PAK1   | yes | yes | yes | yes | yes |     | yes | yes | yes |     |
| PAK2   | yes | yes | yes | yes | yes |     |     | yes | yes |     |
| Gene   | PAK3 | PAK4 | PAK5 | PAK6 | PASK | PBK | PDGFRB | PDGFRRA | PDK1 | PDK2 | PDK3 | PDK4 | PDPK1 | PEAK1 | PHKG1 | PHKG2 | PIM1 | PIM2 | PIM3 | PINK1 | PKN1 | PKN2 | PKN3 | PKN4 | PKN5 | PKN6 | PKN7 | PLK1 | PLK2 | PLK3 | PLK4 | PNCK | POMK | PRAG1 | PRKAA1 | PRKAA2 | PRKACA | PRKACB | PRKACG | PRKAC | PRKCB | PRKCD | PRKCE | PRKCG | PRKCH | PRKCI |
|--------|------|------|------|------|------|-----|--------|---------|------|-----|------|------|------|------|-------|-------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------ |
| Gene       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------|---|---|---|---|---|---|---|---|---|----|
| PRKCQ      | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| PRKCZ      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PRKD1      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PRKD2      | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| PRKD3      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PRKDC      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PRKG1      | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| PRKG2      | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| PRKX       | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes |
| PRKY       | Yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PRPF4B     | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PSKH1      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PSKH2      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PTK2       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PTK2B      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PTK6       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| PTK7       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RAF1       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RET        | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RIOK1      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RIOK2      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RIOK3      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RIPK1      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RIPK2      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RIPK3      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RIPK4      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RNASEL     | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| ROCK1      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| ROCK2      | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| ROR1       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| ROR2       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| ROS1       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KA1    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KA2    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KA3    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KA4    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KA5    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KA6    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KB1    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KB2    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KC1    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RPS6KL1    | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| RYK        | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| SBK1       | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes |
| Gene   | SBK2 | SBK3 | SCYL1 | SCYL2 | SCYL3 | SGK1 | SGK2 | SGK3 | SGK494 |
|--------|------|------|-------|-------|-------|------|------|------|--------|
|        |      | yes  |       |       |       | yes  | yes  | yes  | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
|        |      |      |       |       |       |      |      |      | yes    |
| Gene   | STRADB | STYK1 | SYK | TAF1 | TAO1 | TAO2 | TAO3 | TBCK | TBK1 | TEC | TEK | TESK1 | TESK2 | TEX14 | TGFBR1 | TGFBR2 | TIE1 | TLK1 | TLK2 | TNK | TNIK | TNIK2 | TNNI3K | TP53RK | TRIB1 | TRIB2 | TRIB3 | TRIO | TRPM6 | TRPM7 | TRRAP | TSSK1B | TSSK2 | TSSK3 | TSSK4 | TSSK6 | TTBK1 | TTBK2 | TTK | TTN | TXK | TYK2 | TYRO3 | UHMK1 | ULK1 |
|--------|---------|-------|-----|------|------|------|------|------|------|-----|-----|-------|-------|-------|--------|--------|------|------|------|-----|------|-------|--------|--------|-------|------|-----|-----|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|
|        | yes     | yes   | yes | yes  | yes  | yes  | yes  | yes  | yes  | yes | yes | yes   | yes   | yes   | yes    | yes    | yes  | yes  | yes  | yes | yes  | yes   | yes    | yes    | yes   | yes  | yes | yes | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  | yes  |
| Gene   | 1  | 2  | 3  | 4  | 5  | 6  | 7  |
|--------|----|----|----|----|----|----|----|
| ULK2   | yes| yes| yes| yes| yes| yes| Yes|
| ULK3   | yes| yes| yes| yes| yes| yes| Yes|
| ULK4   |   |   |   |   |   |   |   |
| VRK1   | yes| yes|   |   |   |   |   |
| VRK2   | yes| yes| yes| yes| yes| yes|   |
| VRK3   |   |   |   |   |   |   |   |
| WEE1   | yes| yes| yes|   | yes| yes| yes|
| WEE2   |   |   |   |   |   |   |   |
| WNK1   | yes| yes| yes| yes| yes| yes| Yes|
| WNK2   | yes| yes| yes| yes| yes| yes| yes|
| WNK3   | yes| yes| yes| yes| yes| yes| yes|
| WNK4   | yes|   |   |   |   |   |   |
| YES1   | yes| yes| yes| yes| yes| yes| Yes|
| ZAP70  | yes| yes| yes| yes| yes| yes| Yes|
| SGK424 |   |   |   |   |   |   |   |