

| Kinase     | Conc. [Drug] $\mu$ M | % Inhibition |        |
|------------|----------------------|--------------|--------|
|            |                      | 3-IB-PP1     | PrIDZ  |
| ABL        | 0.05                 | -1.01        | 2.72   |
| ABL        | 0.5                  | 3.89         | 6.76   |
| ABL        | 5                    | 42.27        | 17.65  |
| ABL H396P  | 0.05                 | 1.51         | -1.95  |
| ABL H396P  | 0.5                  | 9.23         | -3.08  |
| ABL H396P  | 5                    | 38.44        | 7.94   |
| ABL Q252H  | 0.05                 | 2.01         | 3.67   |
| ABL Q252H  | 0.5                  | 8.73         | -0.65  |
| ABL Q252H  | 5                    | 35.71        | 8.39   |
| ABL T315I  | 0.05                 | -4.82        | -9.28  |
| ABL T315I  | 0.5                  | 0.32         | -11.16 |
| ABL T315I  | 5                    | 7.3          | 0.18   |
| ABL1 E255K | 0.05                 | -2.17        | 3.3    |
| ABL1 E255K | 0.5                  | 0.86         | 0.16   |
| ABL1 E255K | 5                    | 15.35        | 5.74   |
| ABL1 G250E | 0.05                 | -9.13        | -0.87  |
| ABL1 G250E | 0.5                  | -2.73        | 1.16   |
| ABL1 G250E | 5                    | 18.93        | 7      |
| ABL1 Y253F | 0.05                 | -1.98        | -1.3   |
| ABL1 Y253F | 0.5                  | 6.75         | -0.24  |
| ABL1 Y253F | 5                    | 29.37        | 3.57   |
| AKT1       | 0.05                 | 3.29         | -0.01  |
| AKT1       | 0.5                  | 2.48         | 13.06  |
| AKT1       | 5                    | 2.51         | 46.52  |
| AKT2       | 0.05                 | -2.29        | -0.2   |
| AKT2       | 0.5                  | 0.85         | -3.21  |
| AKT2       | 5                    | 0.93         | 7.09   |
| AKT3       | 0.05                 | 7.08         | -1.05  |
| AKT3       | 0.5                  | 5.92         | 5.12   |

|              |      |        |        |
|--------------|------|--------|--------|
| AKT3         | 5    | 8.73   | 12.35  |
| ALK          | 0.05 | -6.56  | 0.77   |
| ALK          | 0.5  | -6.79  | 3.59   |
| ALK          | 5    | 1.57   | 8.67   |
| AMPKA1       | 0.05 | 0.2    | 6.9    |
| AMPKA1       | 0.5  | -10.96 | 13.82  |
| AMPKA1       | 5    | 5.92   | 37.26  |
| AMPKA2/B1/G1 | 0.05 | -4.43  | 1.44   |
| AMPKA2/B1/G1 | 0.5  | -5.47  | -2.13  |
| AMPKA2/B1/G1 | 5    | 1.47   | 18.13  |
| ARG          | 0.05 | -1.17  | 0.2    |
| ARG          | 0.5  | 3.03   | 3.97   |
| ARG          | 5    | 20.36  | 7.72   |
| AURA         | 0.05 | -3.25  | 1.94   |
| AURA         | 0.5  | 2.18   | -0.09  |
| AURA         | 5    | 15.14  | 18.07  |
| AURB         | 0.05 | -1.56  | 0.01   |
| AURB         | 0.5  | 2.82   | 9.15   |
| AURB         | 5    | 15.61  | 31.26  |
| AURC         | 0.05 | -1.32  | -8.27  |
| AURC         | 0.5  | -1.58  | 1.36   |
| AURC         | 5    | 8.03   | 10.02  |
| AXL          | 0.05 | 1.18   | -4.35  |
| AXL          | 0.5  | 3.91   | -0.5   |
| AXL          | 5    | 3.94   | 26.97  |
| BLK          | 0.05 | -4.11  | -2.84  |
| BLK          | 0.5  | 15.02  | -2.84  |
| BLK          | 5    | 46.83  | -2.84  |
| BMX          | 0.05 | -0.41  | 1.01   |
| BMX          | 0.5  | 28.78  | -99.58 |

|             |      |       |       |
|-------------|------|-------|-------|
| BMX         | 5    | 73.71 | -3.14 |
| BRSK1       | 0.05 | -8.31 | -2.69 |
| BRSK1       | 0.5  | -5.69 | -5.82 |
| BRSK1       | 5    | -2.96 | 5.65  |
| BRSK2       | 0.05 | -0.24 | 1.47  |
| BRSK2       | 0.5  | 2.92  | 0.19  |
| BRSK2       | 5    | 0.68  | -4.75 |
| BTK         | 0.05 | 1.09  | -0.68 |
| BTK         | 0.5  | 9.36  | -0.72 |
| BTK         | 5    | 42.63 | 9.68  |
| CAMK1A      | 0.05 | -1.14 | 3.77  |
| CAMK1A      | 0.5  | -3.25 | 15.96 |
| CAMK1A      | 5    | 3.08  | 90.02 |
| CAMK1D      | 0.05 | -1.91 | 5.1   |
| CAMK1D      | 0.5  | 0.29  | 4.53  |
| CAMK1D      | 5    | -3.32 | 35.55 |
| CAMK2A      | 0.05 | -3.13 | -4.91 |
| CAMK2A      | 0.5  | 1.82  | 16.74 |
| CAMK2A      | 5    | 5.37  | 90.21 |
| CAMK2B      | 0.05 | 1.75  | 3.54  |
| CAMK2B      | 0.5  | -1.41 | 61.35 |
| CAMK2B      | 5    | 15.66 | 97.06 |
| CAMK2G      | 0.05 | -1.82 | 3.67  |
| CAMK2G      | 0.5  | 4.72  | 20.36 |
| CAMK2G      | 5    | 8.98  | 89.41 |
| CAMK4       | 0.05 | 2.12  | -0.96 |
| CAMK4       | 0.5  | 3.25  | 30.34 |
| CAMK4       | 5    | 4.63  | 89.79 |
| CASEIN K1G2 | 0.05 | -1.04 | 5.74  |
| CASEIN K1G2 | 0.5  | 4.64  | 35.98 |

|             |      |       |       |
|-------------|------|-------|-------|
| CASEIN K1G2 | 5    | 14.39 | 67.39 |
| CDK1/CYCB1  | 0.05 | -5.19 | -3.72 |
| CDK1/CYCB1  | 0.5  | -8.96 | 1.15  |
| CDK1/CYCB1  | 5    | 1.95  | 10.91 |
| CDK2        | 0.05 | 3.08  | -0.25 |
| CDK2        | 0.5  | 7.81  | 6.04  |
| CDK2        | 5    | 18.48 | 12.51 |
| CDK3        | 0.05 | -1.89 | 2.4   |
| CDK3        | 0.5  | -0.33 | 1.28  |
| CDK3        | 5    | 15.67 | 9.54  |
| CDK5/P25    | 0.05 | -3.92 | 7.3   |
| CDK5/P25    | 0.5  | -6.16 | -1.5  |
| CDK5/P25    | 5    | 4.08  | -0.94 |
| CHK1        | 0.05 | -4.52 | -6.92 |
| CHK1        | 0.5  | -4.52 | 4.17  |
| CHK1        | 5    | -8.58 | 13.2  |
| CHK2        | 0.05 | -4.87 | -1.42 |
| CHK2        | 0.5  | 1.61  | 5.11  |
| CHK2        | 5    | 9.39  | 28.77 |
| CK1D        | 0.05 | 62.47 | 18.36 |
| CK1D        | 0.5  | 92.92 | 61.87 |
| CK1D        | 5    | 98.44 | 90.06 |
| CK1E        | 0.05 | 81.3  | 4.4   |
| CK1E        | 0.5  | 96.31 | 42.89 |
| CK1E        | 5    | 99.15 | 71.54 |
| CK1G1       | 0.05 | -2.19 | 2.97  |
| CK1G1       | 0.5  | 10.85 | 38.92 |
| CK1G1       | 5    | 36.81 | 78.33 |
| CK1G3       | 0.05 | -4.39 | -2.31 |
| CK1G3       | 0.5  | 2.49  | 21.97 |

|         |      |       |       |
|---------|------|-------|-------|
| CK1G3   | 5    | 5.35  | 53.64 |
| CLK2    | 0.05 | -2.22 | 19.73 |
| CLK2    | 0.5  | 7.98  | 75.96 |
| CLK2    | 5    | 24.44 | 95.19 |
| CSNK1A1 | 0.05 | 6.34  | 6.34  |
| CSNK1A1 | 0.5  | 38.39 | 21.47 |
| CSNK1A1 | 5    | 68.31 | 43.12 |
| C-TAK1  | 0.05 | 3.83  | -0.39 |
| C-TAK1  | 0.5  | 1.99  | 1.3   |
| C-TAK1  | 5    | -3.86 | 4.2   |
| DAPK1   | 0.05 | -3.88 | 0.58  |
| DAPK1   | 0.5  | -0.25 | -0.99 |
| DAPK1   | 5    | -2.01 | -4.93 |
| DCAMKL1 | 0.05 | -4.57 | -1.24 |
| DCAMKL1 | 0.5  | -3.65 | 1.57  |
| DCAMKL1 | 5    | -0.1  | 1.81  |
| DCAMKL2 | 0.05 | -3.38 | 2.65  |
| DCAMKL2 | 0.5  | 4.13  | -1.44 |
| DCAMKL2 | 5    | 7.63  | 4.45  |
| DDR2    | 0.05 | 5.18  | -0.25 |
| DDR2    | 0.5  | 32.45 | -2.46 |
| DDR2    | 5    | 74.09 | 10.18 |
| DYRK1A  | 0.05 | -0.56 | 10.15 |
| DYRK1A  | 0.5  | 2.27  | 50.99 |
| DYRK1A  | 5    | 9.28  | 85.54 |
| DYRK1B  | 0.05 | -4.15 | 3.58  |
| DYRK1B  | 0.5  | 3.87  | 54.43 |
| DYRK1B  | 5    | 9.34  | 83.64 |
| DYRK3   | 0.05 | -3.77 | -1.41 |
| DYRK3   | 0.5  | -1.89 | 10.24 |

|                  |      |       |       |
|------------------|------|-------|-------|
| DYRK3            | 5    | 2.28  | 13.63 |
| DYRK4            | 0.05 | -5.02 | 0.83  |
| DYRK4            | 0.5  | -4.02 | 3.94  |
| DYRK4            | 5    | 1.83  | 6.07  |
| EGFR             | 0.05 | 32.81 | 1.89  |
| EGFR             | 0.5  | 80.04 | -3.23 |
| EGFR             | 5    | 95.56 | -1.32 |
| EGFR T790M       | 0.05 | 23.38 | -3.03 |
| EGFR T790M       | 0.5  | 70.94 | -1.93 |
| EGFR T790M       | 5    | 91.69 | -5.77 |
| EGFR T790M L858R | 0.05 | 14.47 | 2.91  |
| EGFR T790M L858R | 0.5  | 60.61 | 8.8   |
| EGFR T790M L858R | 5    | 90.7  | 39.09 |
| EPHA1            | 0.05 | 3.17  | 0.1   |
| EPHA1            | 0.5  | 43.57 | 11.62 |
| EPHA1            | 5    | 79.88 | 9.18  |
| EPHA2            | 0.05 | 0.77  | -0.07 |
| EPHA2            | 0.5  | 22.36 | -1.67 |
| EPHA2            | 5    | 66.78 | 3.76  |
| EPHA3            | 0.05 | 2.06  | -2.55 |
| EPHA3            | 0.5  | 12.03 | 2.06  |
| EPHA3            | 5    | 34.62 | -2.95 |
| EPHA4            | 0.05 | 0.09  | -1.61 |
| EPHA4            | 0.5  | 26.54 | 3.19  |
| EPHA4            | 5    | 67.14 | 0.59  |
| EPHA5            | 0.05 | 6.03  | -5.64 |
| EPHA5            | 0.5  | 37.1  | -0.94 |
| EPHA5            | 5    | 75.45 | -5.25 |
| EPHA8            | 0.05 | 5.62  | -2.22 |
| EPHA8            | 0.5  | 33.71 | 4.33  |

|             |      |       |       |
|-------------|------|-------|-------|
| EPHA8       | 5    | 73.54 | -1.32 |
| EPHB1       | 0.05 | -0.52 | 0.49  |
| EPHB1       | 0.5  | 15.64 | -0.82 |
| EPHB1       | 5    | 55.95 | 6.81  |
| EPHB2       | 0.05 | 8.3   | 3.63  |
| EPHB2       | 0.5  | 36.04 | -1.48 |
| EPHB2       | 5    | 76.23 | 8.99  |
| EPHB3       | 0.05 | 4.13  | -1.46 |
| EPHB3       | 0.5  | 31.19 | 1.83  |
| EPHB3       | 5    | 69.47 | -1.02 |
| EPHB4       | 0.05 | 4.56  | 3.51  |
| EPHB4       | 0.5  | 43.81 | -3.73 |
| EPHB4       | 5    | 80.67 | 5.98  |
| ERK1        | 0.05 | -0.85 | 0.33  |
| ERK1        | 0.5  | 0.92  | -9.04 |
| ERK1        | 5    | 29.92 | 7.12  |
| ERK2        | 0.05 | -3.3  | 0.21  |
| ERK2        | 0.5  | 4.31  | 3.95  |
| ERK2        | 5    | 18.93 | 10.05 |
| FER         | 0.05 | 3.29  | 3.25  |
| FER         | 0.5  | 8.76  | 3.64  |
| FER         | 5    | 39.22 | 14.44 |
| FES         | 0.05 | -2.6  | -1.27 |
| FES         | 0.5  | 1.46  | 2.11  |
| FES         | 5    | 8.43  | 0.35  |
| FGFR1       | 0.05 | -3.16 | -3.23 |
| FGFR1       | 0.5  | 10.3  | 3.35  |
| FGFR1       | 5    | 40.99 | 14.53 |
| FGFR1 V561M | 0.05 | 2.16  | 2.72  |
| FGFR1 V561M | 0.5  | 0.76  | 7.08  |

|             |      |       |       |
|-------------|------|-------|-------|
| FGFR1 V561M | 5    | -3.92 | 10.29 |
| FGFR2       | 0.05 | -3.58 | 1.43  |
| FGFR2       | 0.5  | 4.74  | 5.27  |
| FGFR2       | 5    | 28.97 | 5.6   |
| FGFR2 N549H | 0.05 | 0.12  | 3.05  |
| FGFR2 N549H | 0.5  | 22.01 | 2.04  |
| FGFR2 N549H | 5    | 54.52 | 5.54  |
| FGFR3       | 0.05 | -2.71 | 2.05  |
| FGFR3       | 0.5  | 5.22  | 0.97  |
| FGFR3       | 5    | 24.66 | -1.69 |
| FGFR3 K650E | 0.05 | -0.97 | 2.13  |
| FGFR3 K650E | 0.5  | 9.12  | -5.14 |
| FGFR3 K650E | 5    | 30.03 | 5.56  |
| FGFR4       | 0.05 | 2.99  | 0.21  |
| FGFR4       | 0.5  | 9.19  | 2.02  |
| FGFR4       | 5    | 31.88 | -1.69 |
| FGR         | 0.05 | -2.09 | -2.53 |
| FGR         | 0.5  | 9.4   | -2.82 |
| FGR         | 5    | 44.41 | -5.04 |
| FLT1        | 0.05 | -0.91 | 4.16  |
| FLT1        | 0.5  | -1.02 | 4.08  |
| FLT1        | 5    | 20.93 | 2.27  |
| FLT3        | 0.05 | 0.38  | -0.17 |
| FLT3        | 0.5  | 1.61  | 8.23  |
| FLT3        | 5    | 10.53 | 29.07 |
| FLT-3 D835Y | 0.05 | -2.24 | -2.32 |
| FLT-3 D835Y | 0.5  | 2.23  | 15.77 |
| FLT-3 D835Y | 5    | 7.68  | 40.64 |
| FLT4        | 0.05 | 1.5   | 4.93  |
| FLT4        | 0.5  | 22.28 | 3.36  |

|       |      |       |       |
|-------|------|-------|-------|
| FLT4  | 5    | 55.66 | 12.99 |
| FMS   | 0.05 | 4.76  | 13.76 |
| FMS   | 0.5  | 4.36  | -4.73 |
| FMS   | 5    | 13.53 | -1.76 |
| FRK   | 0.05 | 14.92 | 2.92  |
| FRK   | 0.5  | 61.63 | 0.76  |
| FRK   | 5    | 88.69 | 5.51  |
| FYN   | 0.05 | 1.63  | -7.86 |
| FYN   | 0.5  | 26.62 | 0.87  |
| FYN   | 5    | 61.72 | 4.18  |
| GCK   | 0.05 | -1.63 | -3.93 |
| GCK   | 0.5  | 1.59  | 2.56  |
| GCK   | 5    | 8.35  | 11.32 |
| GSK3A | 0.05 | 1.74  | 3.12  |
| GSK3A | 0.5  | 2.07  | 5.11  |
| GSK3A | 5    | 0.8   | 20.55 |
| GSK3B | 0.05 | -5.7  | -2.88 |
| GSK3B | 0.5  | 0.23  | 5.77  |
| GSK3B | 5    | 0.89  | 20.03 |
| HCK   | 0.05 | 2.8   | -2.67 |
| HCK   | 0.5  | 20.43 | 3.07  |
| HCK   | 5    | 61.82 | 13.53 |
| HER4  | 0.05 | 17.01 | 4.72  |
| HER4  | 0.5  | 49.95 | -0.99 |
| HER4  | 5    | 74.95 | 0.09  |
| HGK   | 0.05 | 0.06  | 14.25 |
| HGK   | 0.5  | -7.08 | 3.07  |
| HGK   | 5    | 35.09 | -0.36 |
| HIPK1 | 0.05 | 1.89  | 0.62  |
| HIPK1 | 0.5  | 0.22  | 4.94  |

|       |      |       |        |
|-------|------|-------|--------|
| HIPK1 | 5    | -5.7  | 18.4   |
| HIPK2 | 0.05 | -4.5  | 2.69   |
| HIPK2 | 0.5  | -6.16 | 18.82  |
| HIPK2 | 5    | -0.32 | 48.01  |
| IGF1R | 0.05 | 5.44  | -5.25  |
| IGF1R | 0.5  | 7.91  | 5.55   |
| IGF1R | 5    | 11.46 | 2.04   |
| IKKB  | 0.05 | -1.06 | 2.88   |
| IKKB  | 0.5  | 0.2   | 7.27   |
| IKKB  | 5    | 2.37  | 7.71   |
| IKKE  | 0.05 | -2.69 | 4.46   |
| IKKE  | 0.5  | -4.07 | -0.17  |
| IKKE  | 5    | 0.33  | 0.92   |
| INSR  | 0.05 | 2.44  | 6.52   |
| INSR  | 0.5  | 3.63  | 9.81   |
| INSR  | 5    | 10.94 | 7.29   |
| IRAK4 | 0.05 | 4.36  | -3.25  |
| IRAK4 | 0.5  | -3.69 | -1.31  |
| IRAK4 | 5    | 11.46 | 0.54   |
| ITK   | 0.05 | -6.34 | -3.3   |
| ITK   | 0.5  | 3.55  | 4.34   |
| ITK   | 5    | 3.44  | 3.32   |
| JAK2  | 0.05 | -0.51 | -4.54  |
| JAK2  | 0.5  | 3.02  | -0.1   |
| JAK2  | 5    | 5.18  | 2.48   |
| KDR   | 0.05 | 1.79  | 1.66   |
| KDR   | 0.5  | 25.46 | 6.07   |
| KDR   | 5    | 67.68 | -0.77  |
| KIT   | 0.05 | -5.64 | -3.74  |
| KIT   | 0.5  | 0.47  | -10.45 |

|           |      |       |        |
|-----------|------|-------|--------|
| KIT       | 5    | 11.86 | 2.52   |
| KIT T670I | 0.05 | -0.5  | -9.13  |
| KIT T670I | 0.5  | -0.25 | -9.16  |
| KIT T670I | 5    | -2.29 | -5.67  |
| LCK       | 0.05 | -0.77 | -2.22  |
| LCK       | 0.5  | 18.98 | 2.58   |
| LCK       | 5    | 58.91 | 20.16  |
| LOK       | 0.05 | 2.59  | -1.38  |
| LOK       | 0.5  | 3.5   | -6.3   |
| LOK       | 5    | 3     | 4.31   |
| LTK       | 0.05 | 1.29  | -1.83  |
| LTK       | 0.5  | 3.18  | -1.07  |
| LTK       | 5    | -1.13 | 1.13   |
| LYNA      | 0.05 | 6.49  | -5.32  |
| LYNA      | 0.5  | 33.41 | 4.79   |
| LYNA      | 5    | 76.62 | 22.21  |
| LYNB      | 0.05 | -4.18 | -2.23  |
| LYNB      | 0.5  | 21.03 | 9.52   |
| LYNB      | 5    | 61.23 | 16.38  |
| MAPKAPK2  | 0.05 | -2.52 | -3.39  |
| MAPKAPK2  | 0.5  | 0.84  | 4.12   |
| MAPKAPK2  | 5    | 0.69  | 7.83   |
| MAPKAPK3  | 0.05 | -3.84 | -6.1   |
| MAPKAPK3  | 0.5  | -3.34 | -10.89 |
| MAPKAPK3  | 5    | 0.1   | 1.7    |
| MAPKAPK5  | 0.05 | -1.48 | -0.95  |
| MAPKAPK5  | 0.5  | 6.26  | -2.14  |
| MAPKAPK5  | 5    | 0.54  | -0.78  |
| MARK1     | 0.05 | 4.55  | -8.22  |
| MARK1     | 0.5  | 6.32  | 8.55   |

|            |      |        |        |
|------------|------|--------|--------|
| MARK1      | 5    | 9.3    | 9.89   |
| MARK2      | 0.05 | -1.1   | 1.97   |
| MARK2      | 0.5  | -0.29  | 7.16   |
| MARK2      | 5    | 2.81   | 15.45  |
| MARK4      | 0.05 | -17.02 | -18.04 |
| MARK4      | 0.5  | -13.3  | -5.26  |
| MARK4      | 5    | -6.73  | -0.48  |
| MELK       | 0.05 | -1.52  | -0.74  |
| MELK       | 0.5  | -1.56  | 9.89   |
| MELK       | 5    | 9.22   | 36.7   |
| MER        | 0.05 | -1.23  | 3.85   |
| MER        | 0.5  | -4.09  | 20.74  |
| MER        | 5    | 2.73   | 60.75  |
| MET        | 0.05 | -1.39  | -3.53  |
| MET        | 0.5  | -8.21  | -4.52  |
| MET        | 5    | 1.91   | 10.28  |
| MET M1250T | 0.05 | -2.4   | -0.52  |
| MET M1250T | 0.5  | -4.03  | 4.27   |
| MET M1250T | 5    | 0.91   | 7.07   |
| MINK       | 0.05 | -15.67 | -9.02  |
| MINK       | 0.5  | 2.45   | 7.55   |
| MINK       | 5    | 56.56  | 21.56  |
| MNK1       | 0.05 | -9.41  | 0.65   |
| MNK1       | 0.5  | 8.04   | 13.56  |
| MNK1       | 5    | -0.4   | 33.73  |
| MSK1       | 0.05 | 2.23   | 1.62   |
| MSK1       | 0.5  | -1.97  | 3.46   |
| MSK1       | 5    | -1.04  | 8.53   |
| MSK2       | 0.05 | -4.4   | -7.1   |
| MSK2       | 0.5  | -0.31  | 10.64  |

|                   |      |       |       |
|-------------------|------|-------|-------|
| MSK2              | 5    | 5.93  | -1.53 |
| MST1              | 0.05 | -4.09 | -3.39 |
| MST1              | 0.5  | -0.42 | 2.21  |
| MST1              | 5    | 12.62 | -1.56 |
| MST1R             | 0.05 | 0.31  | -4.83 |
| MST1R             | 0.5  | 1.34  | 2.02  |
| MST1R             | 5    | -1.07 | -2.51 |
| MST2              | 0.05 | -2.28 | 1.3   |
| MST2              | 0.5  | 3.81  | 0.2   |
| MST2              | 5    | 21.87 | 9.28  |
| MST3              | 0.05 | -5.52 | 4.17  |
| MST3              | 0.5  | 5.16  | -0.19 |
| MST3              | 5    | 11.73 | 13.75 |
| NEK1              | 0.05 | -1.82 | 5.96  |
| NEK1              | 0.5  | -8.37 | 17.26 |
| NEK1              | 5    | 5.26  | 39.59 |
| NEK2              | 0.05 | -1.65 | 0.67  |
| NEK2              | 0.5  | -0.26 | 14.94 |
| NEK2              | 5    | -0.98 | 1.87  |
| NTRK2             | 0.05 | 22.75 | 1.95  |
| NTRK2             | 0.5  | 73.23 | 4.33  |
| NTRK2             | 5    | 94.4  | 22.1  |
| NUAK1             | 0.05 | -1.38 | -0.62 |
| NUAK1             | 0.5  | 11.77 | 0.76  |
| NUAK1             | 5    | 9.68  | 21.45 |
| P38A              | 0.05 | 1.89  | 1.4   |
| P38A              | 0.5  | 13.92 | -2.29 |
| P38A              | 5    | 43.75 | 13.08 |
| P38A/SAPK2A T106M | 0.05 | 0     | -0.32 |
| P38A/SAPK2A T106M | 0.5  | -2.15 | 9.06  |

|                   |      |        |       |
|-------------------|------|--------|-------|
| P38A/SAPK2A T106M | 5    | 3.94   | 31.12 |
| P38B2             | 0.05 | -0.55  | -1.78 |
| P38B2             | 0.5  | 5.47   | 0.62  |
| P38B2             | 5    | 17.25  | 3.2   |
| P38D              | 0.05 | -3.11  | -3.84 |
| P38D              | 0.5  | 0.64   | 10.14 |
| P38D              | 5    | -8.08  | 16.02 |
| P38G              | 0.05 | -0.03  | -0.7  |
| P38G              | 0.5  | 1.67   | -1.6  |
| P38G              | 5    | 3.54   | 12.97 |
| P70S6K            | 0.05 | 0.87   | 9.65  |
| P70S6K            | 0.5  | 4.61   | 10.2  |
| P70S6K            | 5    | 9.92   | 1.85  |
| PAK2              | 0.05 | -1.63  | 2.31  |
| PAK2              | 0.5  | -0.94  | 10.18 |
| PAK2              | 5    | 6.88   | 17.11 |
| PAK3              | 0.05 | 3.42   | 13.74 |
| PAK3              | 0.5  | 2.22   | -8.22 |
| PAK3              | 5    | 10.12  | 25.79 |
| PAK4              | 0.05 | 1.29   | 5.52  |
| PAK4              | 0.5  | 5.4    | 14.33 |
| PAK4              | 5    | 12.97  | 45.82 |
| PAK5              | 0.05 | -2.06  | 0.05  |
| PAK5              | 0.5  | -0.41  | 11.71 |
| PAK5              | 5    | 5.19   | 39.98 |
| PASK              | 0.05 | -7.35  | 2.78  |
| PASK              | 0.5  | -4.1   | 12.89 |
| PASK              | 5    | -0.7   | 32.53 |
| PDGFR A(550)      | 0.05 | -16.99 | 8.34  |
| PDGFR A(550)      | 0.5  | 5.97   | 9.41  |

|              |      |        |        |
|--------------|------|--------|--------|
| PDGFR A(550) | 5    | 22.98  | 7.47   |
| PDGFRA       | 0.05 | -40.04 | -6.54  |
| PDGFRA       | 0.5  | -16.38 | -10.08 |
| PDGFRA       | 5    | 15.41  | -9.4   |
| PDGFRA D842V | 0.05 | 1.88   | 3.14   |
| PDGFRA D842V | 0.5  | 18.37  | 17.83  |
| PDGFRA D842V | 5    | 50.57  | 45.24  |
| PDGFRB       | 0.05 | 4.55   | 1.54   |
| PDGFRB       | 0.5  | 22.43  | 12.4   |
| PDGFRB       | 5    | 54.69  | 44.37  |
| PHKG1        | 0.05 | -0.12  | 1.82   |
| PHKG1        | 0.5  | 3.67   | 5.84   |
| PHKG1        | 5    | 9.89   | 15.03  |
| PHKG2        | 0.05 | -3.79  | 2.7    |
| PHKG2        | 0.5  | -5.68  | 5.33   |
| PHKG2        | 5    | -3.05  | 5.11   |
| PIM1         | 0.05 | -27.74 | 21.35  |
| PIM1         | 0.5  | -2.95  | 29.27  |
| PIM1         | 5    | -4.97  | 65.8   |
| PIM2         | 0.05 | -5.49  | -3.16  |
| PIM2         | 0.5  | 3.61   | 14     |
| PIM2         | 5    | 5.29   | 21.22  |
| PIM-3        | 0.05 | -19    | 18.55  |
| PIM-3        | 0.5  | -19.99 | 23.67  |
| PIM-3        | 5    | -12.32 | 52.54  |
| PKACA        | 0.05 | 22.8   | 0.66   |
| PKACA        | 0.5  | 76.16  | 14.87  |
| PKACA        | 5    | 94.21  | 38.93  |
| PKCI         | 0.05 | 0      | 1.95   |
| PKCI         | 0.5  | 0.9    | 1.11   |

|        |      |       |       |
|--------|------|-------|-------|
| PKCI   | 5    | 1.25  | -6.49 |
| PKD1   | 0.05 | 8.04  | 6.05  |
| PKD1   | 0.5  | 28.75 | 16.91 |
| PKD1   | 5    | 72.52 | 37.25 |
| PKD2   | 0.05 | -3.5  | -1.29 |
| PKD2   | 0.5  | 28.77 | 12.41 |
| PKD2   | 5    | 76.58 | 38.51 |
| PKD3   | 0.05 | 5.12  | -0.11 |
| PKD3   | 0.5  | 46.52 | 19.75 |
| PKD3   | 5    | 84.13 | 52.01 |
| PKG1A  | 0.05 | -2.26 | 2.48  |
| PKG1A  | 0.5  | -4.17 | 32.68 |
| PKG1A  | 5    | 0.58  | 69.49 |
| PKG1B  | 0.05 | 2.21  | 6.53  |
| PKG1B  | 0.5  | 1.52  | 20.08 |
| PKG1B  | 5    | -7.44 | 60.87 |
| PRKCA  | 0.05 | -4.58 | -2.81 |
| PRKCA  | 0.5  | -8.59 | 10.09 |
| PRKCA  | 5    | -8.95 | 42.08 |
| PRKCB1 | 0.05 | -1.56 | -4.02 |
| PRKCB1 | 0.5  | 4.73  | 29.54 |
| PRKCB1 | 5    | -1.15 | 62.2  |
| PRKCB2 | 0.05 | 0.12  | -4.39 |
| PRKCB2 | 0.5  | 0.86  | 7.73  |
| PRKCB2 | 5    | 1.35  | 9.14  |
| PRKCD  | 0.05 | 0.82  | -3.38 |
| PRKCD  | 0.5  | 5.28  | 10.2  |
| PRKCD  | 5    | 8.66  | 34.2  |
| PRKCE  | 0.05 | -1.42 | 1.81  |
| PRKCE  | 0.5  | -0.3  | 12.63 |

|           |      |       |        |
|-----------|------|-------|--------|
| PRKCE     | 5    | 1.64  | 53.51  |
| PRKCG     | 0.05 | -6.35 | -0.6   |
| PRKCG     | 0.5  | -5.99 | 3.85   |
| PRKCG     | 5    | 0.98  | 28.91  |
| PRKCH     | 0.05 | 0.82  | -12.08 |
| PRKCH     | 0.5  | 1.72  | 9.18   |
| PRKCH     | 5    | -0.51 | 36.97  |
| PRKCQ     | 0.05 | -0.09 | 4.59   |
| PRKCQ     | 0.5  | -0.63 | 12.11  |
| PRKCQ     | 5    | 3.83  | 48.28  |
| PRKCZ     | 0.05 | -1.27 | -0.05  |
| PRKCZ     | 0.5  | 1.75  | 6.37   |
| PRKCZ     | 5    | 0.48  | 1.67   |
| PRKX      | 0.05 | 2.55  | 0.04   |
| PRKX      | 0.5  | 8.44  | 0.04   |
| PRKX      | 5    | 9.62  | 3.02   |
| PYK2      | 0.05 | 1.81  | -1.47  |
| PYK2      | 0.5  | 3.67  | 0.93   |
| PYK2      | 5    | 12.2  | -1.99  |
| RAF-1     | 0.05 | 0.85  | -0.55  |
| RAF-1     | 0.5  | 9.45  | -1.99  |
| RAF-1     | 5    | 38.49 | 13.61  |
| RET       | 0.05 | 23.25 | 1.74   |
| RET       | 0.5  | 34.59 | 6.54   |
| RET       | 5    | 75.46 | 22.77  |
| RET V804L | 0.05 | -3.18 | -0.4   |
| RET V804L | 0.5  | 3.19  | 8.68   |
| RET V804L | 5    | -1.23 | 14.29  |
| RET Y791F | 0.05 | 2.58  | -3.09  |
| RET Y791F | 0.5  | 39.65 | 6.09   |

|           |      |        |       |
|-----------|------|--------|-------|
| RET Y791F | 5    | 76.86  | 21.63 |
| ROCK1     | 0.05 | -5.34  | -1.82 |
| ROCK1     | 0.5  | -2.82  | 4.46  |
| ROCK1     | 5    | -3.53  | 3.26  |
| ROCK2     | 0.05 | -2.14  | 2.18  |
| ROCK2     | 0.5  | 0.85   | 6.91  |
| ROCK2     | 5    | -0.27  | 8.06  |
| ROS       | 0.05 | -1.9   | -2.08 |
| ROS       | 0.5  | 4.7    | 8.75  |
| ROS       | 5    | 19.56  | 43.58 |
| RSK1      | 0.05 | -0.91  | -0.64 |
| RSK1      | 0.5  | 3.46   | 6.58  |
| RSK1      | 5    | 3.22   | 37.02 |
| RSK2      | 0.05 | -3.65  | 0.2   |
| RSK2      | 0.5  | -3.45  | 11.74 |
| RSK2      | 5    | 2.14   | 42.21 |
| RSK3      | 0.05 | -2.03  | 4.22  |
| RSK3      | 0.5  | 0.19   | 2.57  |
| RSK3      | 5    | -0.31  | 33.9  |
| RSK4      | 0.05 | -1.44  | -2.03 |
| RSK4      | 0.5  | 0.3    | 17.92 |
| RSK4      | 5    | 1.14   | 51.72 |
| SGK       | 0.05 | -3.81  | 2.6   |
| SGK       | 0.5  | -5.64  | 0.11  |
| SGK       | 5    | -1.17  | 19.64 |
| SGK2      | 0.05 | 4.82   | -2.72 |
| SGK2      | 0.5  | -17.57 | -2.05 |
| SGK2      | 5    | -16.45 | -1.18 |
| SGK3      | 0.05 | 12.96  | 3.11  |
| SGK3      | 0.5  | 13.86  | -0.59 |

|       |      |        |       |
|-------|------|--------|-------|
| SGK3  | 5    | 5.21   | 11.2  |
| SRC   | 0.05 | 3.31   | 1.39  |
| SRC   | 0.5  | 18.14  | -1.54 |
| SRC   | 5    | 61.67  | 13    |
| SRM   | 0.05 | 1.88   | 0.83  |
| SRM   | 0.5  | 13.98  | -3.57 |
| SRM   | 5    | 42.52  | 2.56  |
| SYK   | 0.05 | -4.76  | -5.36 |
| SYK   | 0.5  | 3.72   | -4.77 |
| SYK   | 5    | 10.5   | 4.94  |
| TEC   | 0.05 | -1.08  | -0.23 |
| TEC   | 0.5  | 11.47  | 1.77  |
| TEC   | 5    | 39.88  | 2.3   |
| TRKC  | 0.05 | 8.49   | -4.86 |
| TRKC  | 0.5  | 41.59  | 6.07  |
| TRKC  | 5    | 80.38  | 26.24 |
| TSSK1 | 0.05 | -3.71  | -5.13 |
| TSSK1 | 0.5  | -3.88  | 0.71  |
| TSSK1 | 5    | 5.1    | 1.72  |
| TSSK2 | 0.05 | 2.93   | -1    |
| TSSK2 | 0.5  | -11.05 | 3.8   |
| TSSK2 | 5    | -2.1   | -6.25 |
| TXK   | 0.05 | -1.43  | -1.75 |
| TXK   | 0.5  | 12.5   | -8.23 |
| TXK   | 5    | 50.92  | 11.08 |
| TYRO3 | 0.05 | -5.91  | 7.94  |
| TYRO3 | 0.5  | 0.76   | 51.98 |
| TYRO3 | 5    | 15.42  | 84.68 |
| YES   | 0.05 | 16.74  | 1.07  |
| YES   | 0.5  | 42.81  | 6.68  |

|      |      |       |      |
|------|------|-------|------|
| YES  | 5    | 72.84 | 4.89 |
| ZIPK | 0.05 | -2.42 | 1.81 |
| ZIPK | 0.5  | -1.35 | 3.8  |
| ZIPK | 5    | 1.53  | 14.7 |