

Table S12.

Summary of kinase assay data performed at Reaction Biology Corporation. IC₅₀ values for kinases where obtained from dose responses in single measurements. Kinases not tested (n.d.) or not inhibited (n.i) are indicated as such.

<i>Kinases</i>	<i>Dabrafenib IC₅₀ [M]</i>	<i>Ponatinib IC₅₀ [M]</i>
<i>ABL1</i>	5.19E-06	< 1.00E-9
<i>ABL2/ARG</i>	2.94E-06	n.d.
<i>ALK5/TGFBR1</i>	9.87E-07	n.d.
<i>ARAF</i>	1.39E-10	n.d.
<i>BRAF</i>	6.30E-10	n.d.
<i>BRAF (V599E)</i>	4.05E-09	n.d.
<i>BRK</i>	1.13E-08	n.d.
<i>CDK16/cyclin Y (PCTAIRE)</i>	2.90E-08	n.d.
<i>CDK1/cyclin A</i>	5.69E-06	n.d.
<i>CDK1/cyclin B</i>	2.22E-06	n.d.
<i>CDK1/cyclin E</i>	2.92E-07	n.d.
<i>CDK2/cyclin A</i>	7.47E-06	n.d.
<i>CDK2/cyclin A1</i>	n.i.	n.d.
<i>CDK2/cyclin E</i>	n.i.	n.d.
<i>CDK2/cyclin O</i>	9.40E-06	n.d.
<i>CDK3/cyclin E</i>	6.86E-06	n.d.
<i>CDK4/cyclin D1</i>	8.52E-07	n.d.
<i>CDK4/cyclin D3</i>	1.84E-06	n.d.
<i>CDK5/p25</i>	4.92E-06	n.d.
<i>CDK5/p35</i>	3.71E-06	n.d.
<i>CDK6/cyclin D1</i>	n.i.	n.d.
<i>CDK6/cyclin D3</i>	5.37E-07	n.d.
<i>CK1a1</i>	n.i.	n.d.
<i>CSK</i>	4.24E-08	n.d.
<i>EIF2AK1</i>	4.82E-08	n.d.
<i>FGR</i>	5.35E-07	n.d.
<i>FRK/PTK5</i>	3.97E-07	n.d.
<i>FYN</i>	1.30E-06	n.d.
<i>HPK1/MAP4K1</i>	n.d.	3.62E-09
<i>IRAK1</i>	3.39E-06	4.02E-08
<i>IRAK4</i>	n.d.	5.32E-06
<i>JNK2</i>	n.d.	2.99E-06
<i>LCK</i>	4.50E-08	n.d.
<i>LIMK1</i>	3.22E-08	n.d.
<i>LIMK2</i>	3.59E-09	n.d.
<i>LYN</i>	8.57E-08	n.d.
<i>MEKK1</i>	n.d.	1.36E-06
<i>MLK3/MAP3K11</i>	2.48E-06	n.d.
<i>NEK1</i>	9.58E-07	n.d.
<i>NEK11</i>	2.47E-08	n.d.
<i>NEK9</i>	4.70E-10	n.d.
<i>p38a/MAPK14</i>	n.d.	2.07E-08
<i>PKCnu/PRKD3</i>	8.40E-09	n.d.
<i>PKD2/PRKD2</i>	1.23E-07	n.d.
<i>PLK4/SAK</i>	3.47E-08	n.d.
<i>RAF1</i>	5.12E-10	n.d.
<i>RIPK2</i>	4.13E-08	
<i>RIPK3</i>	4.08E-09	
<i>SIK2</i>	4.23E-08	
<i>SIK3</i>	1.38E-07	
<i>TAOK3/JIK</i>		9.10E-06
<i>TNK1</i>	3.78E-08	
<i>ULK1</i>	2.40E-07	
<i>ZAK/MLTK</i>	1.22E-08	< 1.00E-9