

Supplemental Figure 4

a

Free Cave Predicted Clinical Outcomes

Genotype	Imatinib	Nilotinib	Dasatinib	Bosutinib	Ponatinib
WT	(S) 0.77	(S) 1.52	(S) 1.35	(S) 1.31	(S) 3.50
M244V	(R) 0.66	(S) 1.17	(S) 0.80	NA 0.63	(S) 1.36
L248V	(R) 0.08	(S) 0.45	(S) 0.34	NA 0.14	NA 1.25
G250E	(R) 0.06	(S) 0.22	(S) 0.33	NA 0.27	(S) 0.75
Q252H	(R) 0.03	NA 0.64	NA 0.68	NA 0.53	NA 1.47
Y253F	(R) 0.06	NA 0.62	NA 1.35	NA 1.09	NA 2.09
Y253H	(R) 0.00	(R) 0.01	(S) 0.56	NA 0.72	NA 1.19
E255K	(R) 0.02	(R) 0.38	(S) 0.60	NA 0.40	(S) 1.67
E255V	(R) 0.00	NA 0.02	(S) 0.31	NA 0.26	(S) 0.64
D276G	(R) 0.46	(S) 1.07	NA 1.33	NA 1.50	NA 1.95
V299L	NA 0.80	NA 1.13	(R) 0.16	NA 0.00	(S) 2.89
T315I	(R) 0.04	(R) 0.00	(R) 0.00	(R) 0.00	(S) 0.95
F317L	(R) 0.23	(S) 0.61	(R) 0.11	NA 0.58	(S) 1.75
M351T	(R) 0.17	(S) 1.18	(S) 1.30	NA 1.09	NA 2.77
E355A	(R) 0.26	NA 1.08	NA 0.99	NA 1.22	(S) 1.50
E355G	(R) 0.22	NA 0.99	(S) 0.97	NA 1.11	NA 2.34
F359C	(R) 0.05	NA 0.26	(S) 1.15	NA 0.86	(S) 1.70
F359I	(R) 0.31	(R) 0.27	(S) 0.74	NA 1.59	(S) 0.80
F359L	(R) 1.11	NA 1.12	NA 1.55	NA 1.67	NA 2.84
F359V	(R) 0.13	(R) 0.28	(S) 0.82	NA 0.94	(S) 1.03
H396P	(R) 0.01	NA 0.23	NA 0.86	NA 1.08	(S) 1.32
H396R	(R) 0.21	(S) 0.31	(S) 0.29	NA 0.44	NA 1.85
E459K	(R) 0.38	(S) 1.03	NA 0.93	NA 0.78	(S) 1.59
F486S	(R) 0.01	NA 0.56	NA 0.57	NA 0.52	NA 1.63
	Imatinib	Nilotinib	Dasatinib	Bosutinib	Ponatinib

Drug

Correct Incorrect NA

