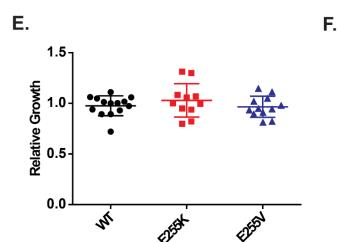


0.5

0.0



Hughes 2015

10-

5

Bengio 2011

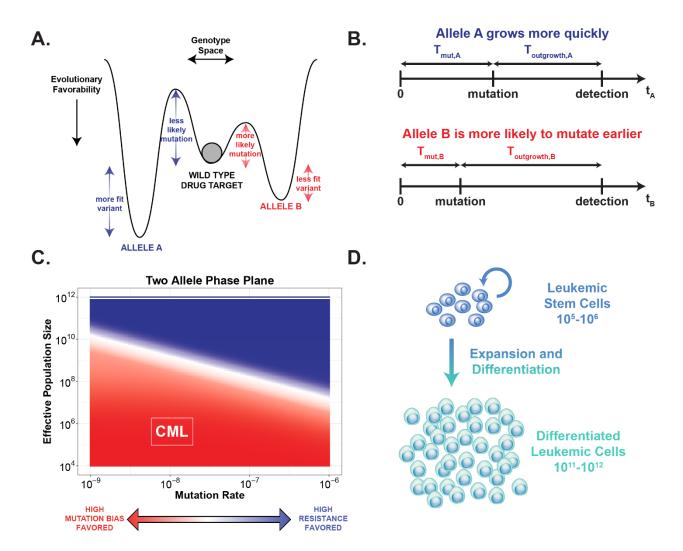
				<u>Codon</u>
Reference	Variant	Count	E255	GAG
Α	С	5		
Α	G	17		
Α	Т	2	E255V	<u>GTG</u>
С	Α	4		
С	G	6		
С	Т	88		
G	Α	68	E255K	AAG
G	С	6		
G	Т	6		
Т	Α	1		
Т	С	18		
T	G	3		

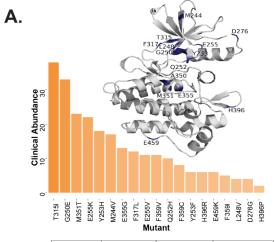
Imatinib, nM

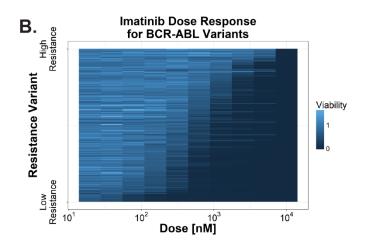
1000

100

10000





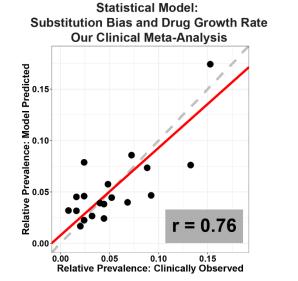


D.

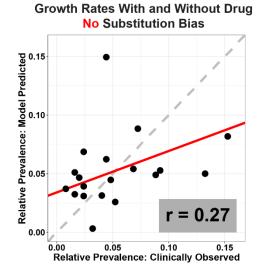
F.

C.	Mutant	Frequency	IC ₅₀	Mutation Probability
	T315I	0.153	8711	0.183
	G250E	0.133	3022	0.133
	M351T	0.092	1022	0.055
	E255K	0.088	1874	0.133
	Y253H	0.072	6298	0.055
	M244V	0.068	530	0.038
	E355G	0.052	1170	0.038
	F317L	0.048	927	0.077
	E255V	0.044	8433	0.005
	F359V	0.044	1018	0.009
	F359C	0.032	1382	0.009
	Q252H	0.040	1730	0.023
	Y253F	0.024	2181	0.005
	H396R	0.024	1037	0.038
	E459K	0.024	803	0.133
	F359I	0.020	826	0.003
	L248V	0.016	1439	0.012
	D276G	0.016	673	0.038
	H396P	0.008	1734	0.011

E.



Statistical Model:



Statistical Model:

