

Table 5. Pattern of resistant mutations isolated from the resistant clones of AP23464 and PD166326

			AP23464	PD166326		
			200 nM	50 nM	100 nM	
Number of colonies per 10 ⁷ cells			33	78	3	
CAP	1	A34T	5	21		
SH2	2	E138K		3		
KINASE DOMAIN	3	L248R	1	3		
	4	G250E		3		
	5	Y253H		17		
	6	E255K	8	16		
	7	E258K	1	2		
	8	V260G		1		
	9	W261G		2		
	10	L266R		1		
	11	V268G		1		
	12	A269V	1			
	13	V270G		1		
	14	E275K		4		
	15	E279K		1		
	16	E281K		2		
	17	E282K	1	1		
	18	L284L [TTG=CTG]	15			
	19	E286K	1			
	20	E292K	1	2		
	21	T315I	2	1	2	
	22	F317C		1		
	23	F317V			1	
	24	S349L		1		
	25	F359C		2		
	26	L451V	1			
	27	P465K		3		
			S481C	1		
	TOTAL MUTATIONS			38	89	3

Screening was performed against 10 million BAF3-BCR/ABL cells generated by transformation with native, non-mutagenised BCR/ABL. Resistant variants that are unique to AP23464 and PD166326 are indicated in bold italics.