

Table 2 Predicted and actual breakpoints from each sample

Sample	Prediction		Break Point	Actual		Difference (bp)	
	M-BCR	ABL1		M-BCR	ABL1	M-BCR	ABL1
K562	110,194-110,207	27,762-27,909	BCR-ABL1	110,191-110,192	27,878-27,879	3	0
KU812	110,241-110,242	63,843-63,853	BCR-ABL1	110,299-110,300	63,929-63,930	57	76
			ABL1-BCR	110,096-110,097	63,804-63,805	144	38
Patient 1	109,790-109,830	125,280-125,623	BCR-ABL1	109,781-109,782	125,326-125,327	8	0
			ABL1-BCR	109,670-109,671	149,445-149,446	119	#23822
Patient 2	109,702-109,867	102,484-102,653	BCR-ABL1	109,834-109,835	102,524-102,525	0	0
			ABL1-BCR	109,869-109,870	102,526-102,527	2	0

All M-BCR coordinates are relative to chr22:23,522,552 (Start position of BCR gene)

All ABL1 coordinates are relative to chr9:133,586,268 (Start position of ABL1 gene)

- We had a secondary peak at this locus in Patient 1 ABL1 breakpoint profile - Suppl. Fig 3D