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## Quality Control Report

Plate ID	Date of Run	Result
862	14/6/2016	Pass

## Authorisation Checklist

### Plate QC

	BCRABL	ABL/GUS
H2O Check	Pass	Pass
Neg Check	Pass	Pass
Threshold Setting	Pass	Pass
Baseline Setting	Pass	Pass
POS Control (deltaCt<0.5)	Pass	Pass
STD Curve 20 or 50	Pass	Pass
STD Curve Points	Pass	Pass
Slope >= 3.2 <=3.6	Pass	Pass
Correlation >= 0.98	Pass	Pass

### Sample QC

Sample	ABL/GUS Quant	ABL/GUS QC	BCR-ABL
B1610306	301312.26561	Pass	Ct 33.1-37 and deltaCt <1.5
B1610472	59967.48047	Pass	Ct 33.1-37 and deltaCt <1.5

# Calculation Results

## Replicate Ct

STD Points	ABL/GUS Replicate Ct	BCR-ABL Replicate Ct
10800000	0.06321907	-0.03542233
1080000	0.23004341	-0.00712204
103000	-0.14813614	-0.12540436
10200	0.0767231	0.10746193
1040	0.11775589	-0.03188133
100	0.58811951	-0.30989456
50	1.18413925	-0.35482788

## Standard Curve

	ABL/GUS	BCR-ABL
Slope	3.50040499588	3.51334832275
Correlation	0.999080815659	0.999972552801
Intercept	41.2541870433	40.2028910244
Baseline -3	3.45950508	3.51528549
Pos Delta Ct	0.175354	0.252132

# ABL/GUS QC Results

## Standard Results

Type	Result Type	Well	Ct	Ct Mean	Quantity	Quantity Mean	Ct Threshold	Base Start	Base End
10800000	ABL	A1	16.39628601	16.42789459	10800000.0	0.0	0.1	3.0	13.0
10800000	ABL	A2	16.45950508	16.42789459	10800000.0	0.0	0.1	3.0	13.0
1080000	ABL	B1	19.9814949	20.09651566	1080000.0	0.0	0.1	3.0	13.0
1080000	ABL	B2	20.21153831	20.09651566	1080000.0	0.0	0.1	3.0	13.0
103000	ABL	C1	23.87145615	23.79738808	103000.0	0.0	0.1	3.0	13.0
103000	ABL	C2	23.72332001	23.79738808	103000.0	0.0	0.1	3.0	13.0
10200	ABL	D1	27.41089439	27.4492569	10200.0	0.0	0.1	3.0	13.0
10200	ABL	D2	27.48761749	27.4492569	10200.0	0.0	0.1	3.0	13.0
1040	ABL	E1	30.92471123	30.98358917	1040.0	0.0	0.1	3.0	13.0
1040	ABL	E2	31.04246712	30.98358917	1040.0	0.0	0.1	3.0	13.0
100	ABL	F1	34.16519928	34.45925903	100.0	0.0	0.1	3.0	13.0
100	ABL	F2	34.75331879	34.45925903	100.0	0.0	0.1	3.0	13.0
50	ABL	G1	34.14665985	34.73873138	50.0	0.0	0.1	3.0	13.0
50	ABL	G2	35.3307991	34.73873138	50.0	0.0	0.1	3.0	13.0

## Control Results

Type	Result Type	Well	Ct	Ct Mean	Quantity	Quantity Mean	Ct Threshold	Base Start	Base End
H2O	ABL	H1	0.0	0.0	0.0	0.0	0.1	3.0	13.0
H2O	ABL	H2	0.0	0.0	0.0	0.0	0.1	3.0	13.0
NEG	ABL	F3	0.0	0.0	0.0	0.0	0.1	3.0	13.0
NEG	ABL	G3	0.0	0.0	0.0	0.0	0.1	3.0	13.0
NEG	ABL	H3	0.0	0.0	0.0	0.0	0.1	3.0	13.0
POS	ABL	A3	24.03406715	24.13204765	83070.5625	77975.91406	0.1	3.0	13.0
POS	ABL	B3	24.15265465	24.13204765	76836.73438	77975.91406	0.1	3.0	13.0
POS	ABL	C3	24.20942116	24.13204765	74020.45313	77975.91406	0.1	3.0	13.0

## BCR-ABL QC Results

### Standard Results

Type	Result Type	Well	Ct	Ct Mean	Quantity	Quantity Mean	Ct Threshold	Base Start	Base End
10800000	BCRABL	A7	15.55070782	15.53299713	10800000.0	0.0	0.1	3.0	12.0
10800000	BCRABL	A8	15.51528549	15.53299713	10800000.0	0.0	0.1	3.0	12.0
1080000	BCRABL	B7	19.00371361	19.00015259	1080000.0	0.0	0.1	3.0	12.0
1080000	BCRABL	B8	18.99659157	19.00015259	1080000.0	0.0	0.1	3.0	12.0
103000	BCRABL	C7	22.63358879	22.57088661	103000.0	0.0	0.1	3.0	12.0
103000	BCRABL	C8	22.50818443	22.57088661	103000.0	0.0	0.1	3.0	12.0
10200	BCRABL	D7	26.05249977	26.10623169	10200.0	0.0	0.1	3.0	12.0
10200	BCRABL	D8	26.1599617	26.10623169	10200.0	0.0	0.1	3.0	12.0
1040	BCRABL	E7	29.55018425	29.53424454	1040.0	0.0	0.1	3.0	12.0
1040	BCRABL	E8	29.51830292	29.53424454	1040.0	0.0	0.1	3.0	12.0
100	BCRABL	F7	33.30334091	33.14839172	100.0	0.0	0.1	3.0	12.0
100	BCRABL	F8	32.99344635	33.14839172	100.0	0.0	0.1	3.0	12.0
50	BCRABL	G7	34.50524902	34.32783508	50.0	0.0	0.1	3.0	12.0
50	BCRABL	G8	34.15042114	34.32783508	50.0	0.0	0.1	3.0	12.0

## Control Results

Type	Result Type	Well	Ct	Ct Mean	Quantity	Quantity Mean	Ct Threshold	Base Start	Base End
H2O	ABL	H1	0.0	0.0	0.0	0.0	0.1	3.0	13.0
H2O	ABL	H2	0.0	0.0	0.0	0.0	0.1	3.0	13.0
NEG	ABL	F3	0.0	0.0	0.0	0.0	0.1	3.0	13.0
NEG	ABL	G3	0.0	0.0	0.0	0.0	0.1	3.0	13.0
NEG	ABL	H3	0.0	0.0	0.0	0.0	0.1	3.0	13.0
POS	ABL	A3	24.03406715	24.13204765	83070.5625	77975.91406	0.1	3.0	13.0
POS	ABL	B3	24.15265465	24.13204765	76836.73438	77975.91406	0.1	3.0	13.0
POS	ABL	C3	24.20942116	24.13204765	74020.45313	77975.91406	0.1	3.0	13.0