

Peak Data										Normalized Peak Area					
No.	Label	Size	Ref. size	Size diff.	MRC size	Height	Width	Area	Peak Area	Ref. Mean	Ref. SD	Ref. Weigh	Position p-tel band	Dist. Ratio	1.0 in SD low high
Mean values				-0.03		3728	7.5	27422	1.075	1.078	0.117	5		0.99	Total of all except
Standard deviations				0.08		(Coef. of variance: 0.280)			0.296	0.277				0.10	Ctrl and '?' peaks
Quality assessment						Quality limits			Quality						
Mean A-group area / mean Q-frag. area						>0.40 (1.00)			5.15						
Mean CpG-area / mean A-group area						>0.30 (0.65)			1.07						
Mean height of first probes A						> 450 (700)			3974						
Mean height of last probes B						> 190 (400)			2815						
Ratio of mean heights A/B ('slope')						<3.50 (2.50)			1.41						
CV of Control Probes						<0.75 (0.40)			0.08						
3 unidentified peak areas / 49 peak areas						< (0.02)			0.00						

Weighted mean ratios are tested for being outside ratio 1 ± 0.13
 One-tailed significance is high for $p \leq 1\%$, and low for $p \leq 5\%$.
 Individual peaks having normalized area > 4.0 SD from the ref.
 mean and ratio <0.65 or >1.3 indicate 'abnormal' probe area.

Female & male ref.
Normal probes

An "*" marks: Size Diff.>0.5, Peak Height>7000, unexpected peak width, and "Dist. in SD">4.0.
 Ratio group mean and coefficient of variance (CV) are weighted by the ref. weights
 Labels A,B,... define normalization groups; a,b,... labeled probes do not contribute to normalization.
 Mean Rox height is 372 (14 peaks). CV of ROX heights for peaks above 100 nt is: 0.07

(Ctrl probes are used for quality evaluation only)