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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F48.gpr
 Processed on: Thu Apr 17 13:19:33 EST 2003

===== IMAGE QUALITY =====

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 8123
 Spots with Flag = -100 -----> 235
 Red dye with Background >= Foreground ---> 6840
 Green dye with Background >= Foreground ---> 6246

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19198	19200	19195	19200
> 0.40	19180	19200	19190	19200
> 0.60	19020	19200	19139	19200
> 0.80	17630	19194	18499	19195
> 0.85	16487	19175	17841	19193
> 0.90	13982	19018	16254	19154

===== VALID SPOTS* =====

Total No. of Valid Spots -----> 10698
 Percentage of Valid Spots -----> 55.7
 Total No. of Genes -----> 5396
 Mean No. Repetitions -----> 2 for 4983 Genes
 Min. No. Repetitions -----> 1 for 383 Genes
 Max. No. Repetitions -----> 24 for 2 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	10698		10698
Mean	-0.209		9.749
Std	0.951		2.255
Min	-7.741		0.792
Max	8.015		15.994
Correlation		0.174	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	17	52.9	47.1
(4 , 8)	2566	68.7	31.3
(8 , 12)	6240	68.3	31.7
(12 , 16)	1875	46.2	53.8

*NB: Valid Spot defined as spots with Background < Foreground for both Red and Green channels and with a Quality Flag of 0.

