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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F13.gpr
 Processed on: Thu Apr 17 13:18:48 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 5228
 Spots with Flag = -100 -----> 12
 Red dye with Background >= Foreground ---> 749
 Green dye with Background >= Foreground ---> 1236

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED Raw	RED Log2	GREEN Raw	GREEN Log2
> 0.00	19200	19200	19200	19200
> 0.20	19195	19200	19197	19200
> 0.40	19173	19200	19182	19200
> 0.60	19040	19200	19118	19200
> 0.80	17239	19193	18663	19196
> 0.85	14631	19182	18026	19190
> 0.90	10645	19116	15865	19170

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

Total No. of Valid Spots -----> 13926
 Percentage of Valid Spots -----> 72.5
 Total No. of Genes -----> 6952
 Mean No. Repetitions -----> 2 for 6389 Genes
 Min. No. Repetitions -----> 1 for 524 Genes
 Max. No. Repetitions -----> 26 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	13926		13926
Mean	-0.049		9.174
Std	0.934		1.986
Min	-7.600		2.965
Max	5.931		15.996
Correlation		0.096	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	11	36.4	63.6
(4 , 8)	4479	55.2	44.8
(8 , 12)	8014	41.2	58.8
(12 , 16)	1422	41.0	59.0

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

