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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F15.gpr
 Processed on: Thu Apr 17 13:18:57 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 5645
 Spots with Flag = -100 -----> 12
 Red dye with Background >= Foreground ---> 1054
 Green dye with Background >= Foreground ---> 1194

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19193	19200	19197	19200
> 0.40	19182	19200	19188	19200
> 0.60	19058	19200	19128	19200
> 0.80	17064	19192	18655	19197
> 0.85	14106	19185	18105	19190
> 0.90	9891	19109	16082	19169

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

Total No. of Valid Spots -----> 13525
 Percentage of Valid Spots -----> 70.4
 Total No. of Genes -----> 6771
 Mean No. Repetitions -----> 2 for 6149 Genes
 Min. No. Repetitions -----> 1 for 584 Genes
 Max. No. Repetitions -----> 30 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	13525		13525
Mean	-0.038		8.894
Std	0.780		1.958
Min	-6.870		2.661
Max	4.820		15.918
Correlation		0.299	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	12	91.7	8.3
(4 , 8)	5222	63.6	36.4
(8 , 12)	7117	29.2	70.8
(12 , 16)	1174	27.3	72.7

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

