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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F71.gpr
 Processed on: Thu Apr 17 13:19:56 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 14575
 Spots with Flag = -100 -----> 235
 Red dye with Background >= Foreground ---> 14083
 Green dye with Background >= Foreground ---> 5924

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19032	19200	19200	19200
> 0.40	18354	19200	19185	19200
> 0.60	17320	19200	19072	19200
> 0.80	15135	18869	18497	19199
> 0.85	14073	18449	17894	19191
> 0.90	12576	17808	15871	19141

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

Total No. of Valid Spots -----> 4326
 Percentage of Valid Spots -----> 22.5
 Total No. of Genes -----> 2213
 Mean No. Repetitions -----> 2 for 2036 Genes
 Min. No. Repetitions -----> 1 for 168 Genes
 Max. No. Repetitions -----> 16 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	4326		4326
Mean	-0.310		11.297
Std	1.032		1.717
Min	-7.960		4.980
Max	5.951		15.985
Correlation		0.391	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	0	0.0	0.0
(4 , 8)	99	83.8	16.2
(8 , 12)	2728	66.3	33.7
(12 , 16)	1499	43.8	56.2

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

