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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F49.gpr
 Processed on: Thu Apr 17 13:19:42 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 12340
 Spots with Flag = -100 -----> 235
 Red dye with Background >= Foreground ---> 11811
 Green dye with Background >= Foreground ---> 10658

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19194	19200	19200	19200
> 0.40	19048	19200	19190	19200
> 0.60	18218	19200	19082	19200
> 0.80	15753	19126	18189	19200
> 0.85	14545	18918	17486	19196
> 0.90	12775	18285	15975	19127

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

Total No. of Valid Spots -----> 6335
 Percentage of Valid Spots -----> 33.0
 Total No. of Genes -----> 3215
 Mean No. Repetitions -----> 2 for 2975 Genes
 Min. No. Repetitions -----> 1 for 224 Genes
 Max. No. Repetitions -----> 23 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	6335		6335
Mean	-0.077		10.326
Std	1.139		1.968
Min	-10.429		3.371
Max	7.775		15.990
Correlation		0.123	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	3	33.3	66.7
(4 , 8)	773	58.3	41.7
(8 , 12)	4238	43.9	56.1
(12 , 16)	1321	63.0	37.0

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

