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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F72.gpr
 Processed on: Thu Apr 17 13:20:02 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 13881
 Spots with Flag = -100 -----> 234
 Red dye with Background >= Foreground ---> 7046
 Green dye with Background >= Foreground ---> 13167

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19200	19200	19193	19200
> 0.40	19192	19200	18898	19200
> 0.60	19110	19200	17848	19200
> 0.80	18170	19198	15261	19182
> 0.85	17208	19189	14040	18986
> 0.90	14420	19133	12350	18345

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

Total No. of Valid Spots -----> 5030
 Percentage of Valid Spots -----> 26.2
 Total No. of Genes -----> 2577
 Mean No. Repetitions -----> 2 for 2369 Genes
 Min. No. Repetitions -----> 1 for 198 Genes
 Max. No. Repetitions -----> 17 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	5030		5030
Mean	0.005		11.007
Std	0.884		1.793
Min	-3.611		4.397
Max	7.209		15.984
Correlation		-0.369	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	0	0.0	0.0
(4 , 8)	198	27.3	72.7
(8 , 12)	3348	51.0	49.0
(12 , 16)	1484	72.0	28.0

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

