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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F18.gpr
 Processed on: Thu Apr 17 13:18:39 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 5478
 Spots with Flag = -100 -----> 13
 Red dye with Background >= Foreground ---> 1125
 Green dye with Background >= Foreground ---> 1128

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19196	19200	19199	19200
> 0.40	19179	19200	19182	19200
> 0.60	19047	19200	19078	19200
> 0.80	17718	19192	18457	19198
> 0.85	15460	19185	17732	19191
> 0.90	11192	19100	15384	19148

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

Total No. of Valid Spots -----> 13676
 Percentage of Valid Spots -----> 71.2
 Total No. of Genes -----> 6828
 Mean No. Repetitions -----> 2 for 6254 Genes
 Min. No. Repetitions -----> 1 for 536 Genes
 Max. No. Repetitions -----> 32 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	13676		13676
Mean	-0.128		8.782
Std	0.819		2.010
Min	-5.066		2.085
Max	5.907		15.894
Correlation		0.108	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	15	60.0	40.0
(4 , 8)	5588	63.9	36.1
(8 , 12)	6990	48.5	51.5
(12 , 16)	1083	52.8	47.2

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

