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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F46.gpr
 Processed on: Thu Apr 17 13:19:24 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 5538
 Spots with Flag = -100 -----> 225
 Red dye with Background >= Foreground ---> 2294
 Green dye with Background >= Foreground ---> 2694

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED Raw	RED Log2	GREEN Raw	GREEN Log2
> 0.00	19200	19200	19200	19200
> 0.20	19110	19200	19141	19200
> 0.40	18909	19200	18968	19200
> 0.60	18549	19200	18701	19200
> 0.80	17152	19079	17617	19139
> 0.85	16102	18966	16813	19055
> 0.90	13818	18734	15091	18872

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

Total No. of Valid Spots -----> 13421
 Percentage of Valid Spots -----> 69.9
 Total No. of Genes -----> 6909
 Mean No. Repetitions -----> 2 for 6042 Genes
 Min. No. Repetitions -----> 1 for 829 Genes
 Max. No. Repetitions -----> 24 for 3 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	13421		13421
Mean	0.091		10.359
Std	0.892		1.789
Min	-8.087		3.095
Max	4.791		15.994
Correlation		0.286	

Log(R/G) across Intensity Values	Intensity	Spots	% <0	% >0
(0 , 4)		3	66.7	33.3
(4 , 8)		1248	62.8	37.2
(8 , 12)		9614	38.8	61.2
(12 , 16)		2556	19.7	80.3

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

