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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F14.gpr
 Processed on: Thu Apr 17 13:18:21 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 4789
 Spots with Flag = -100 -----> 12
 Red dye with Background >= Foreground ---> 689
 Green dye with Background >= Foreground ---> 1113

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED Raw	RED Log2	GREEN Raw	GREEN Log2
> 0.00	19200	19200	19200	19200
> 0.20	19141	19200	19179	19200
> 0.40	19024	19200	19111	19200
> 0.60	18773	19198	18968	19200
> 0.80	17337	19111	18467	19164
> 0.85	15433	19027	17998	19133
> 0.90	11592	18851	16674	19050

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

Total No. of Valid Spots -----> 14378
 Percentage of Valid Spots -----> 74.9
 Total No. of Genes -----> 7166
 Mean No. Repetitions -----> 2 for 6577 Genes
 Min. No. Repetitions -----> 1 for 549 Genes
 Max. No. Repetitions -----> 29 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	14378		14378
Mean	0.011		8.789
Std	0.874		1.942
Min	-7.814		3.143
Max	4.833		15.993
Correlation		0.363	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	13	92.3	7.7
(4 , 8)	5815	61.8	38.2
(8 , 12)	7461	32.4	67.6
(12 , 16)	1089	29.6	70.4

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

