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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F19.gpr
 Processed on: Thu Apr 17 13:19:06 EST 2003

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

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 5345
 Spots with Flag = -100 -----> 13
 Red dye with Background >= Foreground ---> 1672
 Green dye with Background >= Foreground ---> 1056

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED Raw	RED Log2	GREEN Raw	GREEN Log2
> 0.00	19200	19200	19200	19200
> 0.20	19197	19200	19197	19200
> 0.40	19168	19200	19178	19200
> 0.60	18849	19200	19056	19200
> 0.80	16606	19195	18337	19194
> 0.85	14472	19156	17565	19185
> 0.90	10591	18942	15250	19130

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

Total No. of Valid Spots -----> 13802
 Percentage of Valid Spots -----> 71.9
 Total No. of Genes -----> 6904
 Mean No. Repetitions -----> 2 for 6327 Genes
 Min. No. Repetitions -----> 1 for 538 Genes
 Max. No. Repetitions -----> 29 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	13802		13802
Mean	-0.045		8.644
Std	0.906		2.029
Min	-8.119		1.500
Max	4.807		15.778
Correlation		0.193	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	23	73.9	26.1
(4 , 8)	6084	56.6	43.4
(8 , 12)	6671	31.9	68.1
(12 , 16)	1024	32.7	67.3

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

