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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F20.gpr  
 Processed on: Thu Apr 17 13:19:15 EST 2003

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

Total No. of Spots -----> 19200  
 Spots with Flag = -50 -----> 7853  
 Spots with Flag = -100 -----> 13  
 Red dye with Background >= Foreground ---> 4103  
 Green dye with Background >= Foreground ---> 2656

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19199	19200	19199	19200
> 0.40	19188	19200	19187	19200
> 0.60	19111	19200	19117	19200
> 0.80	18322	19199	18480	19199
> 0.85	17148	19195	17824	19193
> 0.90	13330	19167	15603	19175

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

Total No. of Valid Spots -----> 11243  
 Percentage of Valid Spots -----> 58.6  
 Total No. of Genes -----> 5695  
 Mean No. Repetitions -----> 2 for 5168 Genes  
 Min. No. Repetitions -----> 1 for 496 Genes  
 Max. No. Repetitions -----> 24 for 3 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	11243		11243
Mean	-0.086		9.344
Std	0.883		2.014
Min	-8.760		2.230
Max	4.800		15.906
Correlation		0.242	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
( 0 , 4)	10	70.0	30.0
( 4 , 8)	3225	64.2	35.8
( 8 , 12)	6680	39.3	60.7
(12 , 16)	1328	37.1	62.9

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

