































































	Control Spikes											
Spike Probe BIOB	Contro Set Sig(al	ls: 1) 60.8	Sig(5 Sig(3 M	') '/5') 63.7	Det(5	') 63.9	Sig(M	') 62.81	Det(M	')	Sig(3')	Det(3')
BIOC	r	134.7 105.0 907.2	P P P			75.1 677.7 1486	P P 7	104.9 391.3	L 5 1196.:	0.56 6.46 97	1.64	
DAPX LYSX PHEX THRX TRPNX	c.	14.6 1.4 3.7 1.4 4.2	A A A A A	8.5 8.4 1.8 4.0 4.3	A A A A	1.8 11.0 5.3 3.3 1.7	A A A A A	8.30 6.92 3.60 2.91 3.42	0.12 8.09 1.46 2.39 0.40	57	1.04	
•	 BioB should be P ~ 70% of the time BioC, BioD, cre should always be P 											
	PLANT SURVI	WAI		NCCI	R Plant	+ Surv	ival, 19	7-20 N	1arch	2007		Lec 1

Internal control genes									
Hausekeeping (hatrols:									
Probe Set Sig(all)	Sig(5') Sig(3'/5')	Det(5	')	Sig(M	I')	Det(M')	Sig(3	') De	t(3')
HUMISGEF3A/M97935 HUMRGE/M10098	26.4 P 3.1 A	149.6 5.0	M A	272.6 10.7	P A	149.54 6.26 3.49	10.31		
HLMGAPCH/M33197	3300.4	P	3005.	6	P	3221.6	Р	3175.87	0.98
M27830	65.3 P	P 35.7	8839. A	144.4	PA	81.81 2.21	Р	7672.49	0.88
 actin, gapdh should have all P 3'/5' ratio < 3 									
Les Steffelse NUCCR Plant Survival, 19-20 March 2007 Lec 1									Lec 1

% Present								
Total Probe Sets: 22283								
Number Present: 9235	41.4%							
Number Absent: 12666	56.8%							
Number Marginal: 382	1.7%							
Average Signal (P):	413.4							
Average Signal (A):	28.8							
Average Signal (M):	87.6							
Average Signal (All):	189.2							
■ % P ~ 30 - 50%								
'good indicator of assay performance'								
 similar values across replicates (also SF, RawQ) 								
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• by-products of the RMA calculation can also provide quality information

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Lec 1

