Table 1S. Real-time PCR performance, calculated and actual data, self-reference calibration of soybean seeds in 20 aliquots of the 3000 seeds lot

Soybean line A2704-12 (event based detection)																				
aliquot #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ordered #		1	7	8	9			4	3	6	2	5								
C_t	-	27.8	26.69	26.57	26.15	-	-	27.7	27.73	26.77	27.8	27.7	-	-	-	-	-	-	-	-
σ		0.18	0.12	0.12	0.25	-	-	0.21	0.1	0.25	0.1	0.15	-	-	-	-	-	-	-	-
n_c (calculated)		0.9658	2.0905	2.1197	3.0436	-	-	1.0354	1.014	1.9773	0.9658	1.0354	-	-	-	-	-	-	-	-
n_r (rounded)		1	2	2	3	-	-	1	1	2	1	1	-	-	-	-	-	-	-	-
ni (actual)		1	2	2	3	-	-	1	1	2	1	1	-	-	-	-	-	-	-	-
A2704-12 self-reference calibration																				
log[n. %]	2	1.75	1.5	1.25	1		A =	-3.31 ± 0.19												
C_t	26.27	27.00	28.15	28.8	29.51		R^2 =	0.9906												
σ	0.21	0.14	0.17	0.20	0.26		$\chi 2$ =	0.0651												
Soybean line A5547-127 (event based detection)																				
aliquot #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ordered #	8	4	7	10	9	6	3		5			2					1			
C_t	24.83	25.93	25.87	23.93	24.27	25.9	26.05	-	25.93	-	-	26.07	-	-	-	-	26.09	-	-	-
σ	0.23	0.25	0.26	0.21	0.12	0.12	0.21	-	0.12	-	-	0.12	-	-	-	-	0.25	-	-	-
n_c (calculated)	2.117	1.0267	1.068	3.827	3.0599	1.0471	0.9487	-	1.0267	-	-	0.9363	-	-	-	-	0.924	-	-	-
n_r (rounded)	2	1	1	4	3	1	1	-	1	-	-	1	-	-	-	-	1	-	-	-
n (actual)	2	1	1	4	3	1	1	-	1	-	-	1	-	-	-	-	1	-	-	-
A5547-127 - self-reference calibration																				
log[n. %]	2	1.75	1.5	1.25	1		A =	-3.50 ± 0.16												
C_t	24.1	25.20	25.93	26.70	27.73		R^2 =	0.9947												
σ	0.26	0.14	0.15	0.29	0.13		$\chi 2$ =	0.0409												
Soybean line GTS 40-3-2 (event based detection)																				
aliquot #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ordered #	4	7	5	13	9	20	18	17	2	19	10	11	16	14	8	12	15	3	6	1
C_t	26.33	26.28	26.33	26.05	26.21	25.13	25.5	25.7	27.05	25.2	26.14	26.1	25.8	26,00	26.23	26.07	25.93	26.7	26.33	27.48
σ	0.06	0.11	0.15	0.15	0.06	0.06	0.2	0.1	0.12	0.17	0.15	0.12	0.12	0.06	0.12	0.11	0.06	0.16	0.15	0.2
n_c (calculated)	6.1229	6.3738	6.1229	7.3851	6.6796	13.6709	10.6718	9.3347	3.7814	13.0451	6.9533	7.1420	8.7303	7.6364	6.5468	7.2869	8.0027	4.7797	6.1229	2.8357
n_r (rounded)	6	6	6	7	7	14	11	9	4	13	7	7	9	8	7	7	8	5	6	3
n (actual)	6	6	6	8	6	13	11	9	4	13	7	7	8	8	6	8	9	5	7	3
GTS 40-3-2 -self-reference calibration																				
log[n. %]	2	1.75	1.5	1.25	1		A =	-3.44 ± 0.13												
C_t	25.06	26.00	26.72	27.8	28.46		R^2 =	0.9955												
σ	0.23	0.12	0.25	0.31	0.13		$\chi 2$ =	0.0333												