Well/ Cycle	Raw FAM fluorescence data B5	B6	B7	Well/ Cycle	B5	B6	B7
0.56	175.35	180.60	173.85	0.56	-0.0663	-0.03	-0.06
1.56	186.13	186.22	180.08	1.56	-0.0089	0.00	-0.03
2.56	187.56	190.18	185.71	2.56	-0.0013	0.02	0.00
3.56	184.88	186.85	181.40	3.56	-0.0155	0.00	-0.02
4.56	191.94	190.14	186.08	4.56	0.0221	0.02	0.00
5.56	186.34	187.58	185.36	5.56	-0.0078	0.01	0.00
6.56	188.66	191.61	187.29	6.56	0.0046	0.03	0.01
7.56	187.28	186.22	186.24	7.56	-0.0028	0.00	0.00
8.56	192.91	186.47	190.18	8.56	0.0272	0.00	0.03
9.56	189.91	189.45	187.32	9.56	0.0112	0.02	0.01
10.56	190.95	191.08	189.73	10.56	0.0168	0.02	0.02
11.56	189.71	189.16	187.50	11.56	0.0102	0.01	0.01
12.56	191.17	192.45	193.81	12.56	0.0180	0.03	0.04
13.56	190.86	188.22	190.48	13.56	0.0163	0.01	0.03
14.56	191.46	194.32	190.30	14.56	0.0195	0.04	0.03
15.56	192.13	188.08	187.35	15.56	0.0231	0.01	0.01
16.58	192.58	191.17	189.92	16.58	0.0255	0.03	0.02
17.58	192.24	185.61	187.46	17.58	0.0237	0.00	0.01
18.58	190.43	188.37	190.08	18.58	0.0140	0.01	0.02
19.58	192.38	189.18	190.19	19.58	0.0244	0.01	0.03
20.58	190.19	184.75	187.74	20.58	0.0127	-0.01	0.01
21.58	192.96	183.79	190.94	21.58	0.0275	-0.01	0.03
22.58	191.31	184.67	191.38	22.58	0.0187	-0.01	0.03
23.58	192.78	188.14	194.26	23.58	0.0265	0.01	0.05
24.58	194.63	188.54	194.48	24.58	0.0364	0.01	0.05
25.58	198.16	194.05	201.15	25.58	0.0552	0.04	0.08
26.58	206.89	200.06	210.05	26.58	0.1017	0.07	0.13
27.58	225.50	216.55	226.63	27.58	0.2008	0.16	0.22
28.56	240.02	233.56	244.14	28.56	0.2781	0.25	0.32
29.61	272.06	271.06	280.02	29.61	0.4487	0.45	0.51
30.56	295.19	299.67	304.69	30.56	0.5719	0.61	0.64
31.63	327.37	332.06	325.81	31.63	0.7432	0.78	0.76
32.63	359.68	367.07	362.49	32.63	0.9153	0.97	0.95
33.63	384.63	398.38	382.73	33.63	1.0481	1.14	1.06
34.63	404.42	420.96	404.12	34.63	1.1535	1.26	1.18
35.63	431.85	455.22	431.12	35.63	1.2996	1.44	1.32
36.63	451.32	473.21	451.02	36.63	1.4032	1.54	1.43
37.65	469.37	488.35	467.86	37.65	1.4993	1.62	1.52
38.65	493.16	509.69	489.31	38.65	1.6260	1.73	1.64
39.65	498.01	521.14	496.33	39.65	1.6518	1.80	1.68
Parameter							
a	323.048500	338.957900	325.604200				
b	2.526600	2.281900	2.665600				
x0	32.518000	32.439300	32.404000				
y0	187.797500	186.422300	185.512400				
R	0.998757	0.998715	0.998665				
$CP_{(SDM)}$	29.19	29.43	28.89				

Well/ Cycle	Raw VIC fluorescence data			Well/ Cycle	Fluorescence Data Normalized To Y0		
	B5	B6	B7		B5	B6	B7
0.56	92.95	97.65	97.6	0.56	-0.06	-0.02	-0.05
1.56	97.24	101.12	101.99	1.56	-0.01	0.02	-0.01
2.56	97.71	103.17	101.79	2.56	-0.01	0.04	-0.01
3.56	98.71	101.57	101.62	3.56	0.00	0.02	-0.01
4.56	97.55	101.38	102.18	4.56	-0.01	0.02	-0.01
5.56	98.49	102.53	103.39	5.56	0.00	0.03	0.01
6.56	98.8	100.15	102.05	6.56	0.00	0.01	-0.01
7.56	99.6	99.82	103.59	7.56	0.01	0.00	0.01
8.56	98.61	99.66	104.1	8.56	0.00	0.00	0.01
9.56	99.42	99.93	103.62	9.56	0.01	0.01	0.01
10.56	100.68	100.81	104.25	10.56	0.02	0.01	0.01
11.56	99.49	99.17	103.68	11.56	0.01	0.00	0.01
12.56	99.89	100.26	104.5	12.56	0.01	0.01	0.02
13.56	99.73	100.76	104.06	13.56	0.01	0.01	0.01
14.56	99.5	98.82	105.05	14.56	0.01	-0.01	0.02
15.56	99.2	99.06	104.49	15.56	0.01	0.00	0.02
16.58	99.33	98.58	103.5	16.58	0.01	-0.01	0.01
17.58	99.96	99.13	104.89	17.58	0.01	0.00	0.02
18.58	101.17	99.84	103.82	18.58	0.03	0.00	0.01
19.58	99.64	99.2	104.21	19.58	0.01	0.00	0.01
20.58	100.03	97.65	105.53	20.58	0.02	-0.02	0.03
21.58	100.4	97.26	105.96	21.58	0.02	-0.02	0.03
22.58	101.21	100.39	106.41	22.58	0.03	0.01	0.04
23.58	101.19	98.24	106.67	23.58	0.03	-0.01	0.04
24.58	103.7	99.71	109.34	24.58	0.05	0.00	0.06
25.58	103.5	100.68	111.74	25.58	0.05	0.01	0.09
26.58	105.61	103.68	114.93	26.58	0.07	0.04	0.12
27.58	106.8	105.84	115.82	27.58	0.08	0.06	0.13
28.56	111.1	110.75	118.24	28.56	0.13	0.11	0.15
29.61	114.98	114.16	123.38	29.61	0.17	0.15	0.20
30.56	120.16	122.61	129.99	30.56	0.22	0.23	0.27
31.63	126.22	127.79	135.88	31.63	0.28	0.29	0.32
32.63	131.25	136.1	142.91	32.63	0.33	0.37	0.39
33.63	139.87	147.99	151.32	33.63	0.42	0.49	0.47
34.63	146.33	156.39	157.15	34.63	0.49	0.57	0.53
35.63	150.24	166.56	162.4	35.63	0.52	0.68	0.58
36.63	159.25	170.52	173.37	36.63	0.62	0.72	0.69
37.65	161.62	180.73	175.1	37.65	0.64	0.82	0.70
38.65	171.22	189.99	186.44	38.65	0.74	0.91	0.81
39.65	178.67	200.37	192.47	39.65	0.81	1.02	0.87

Parameter			
a	98.34	112.28	115.39
b	3.454	2.7339	3.7881
x0	35.039	34.636	35.123
y0	98.537	99.389	102.75
R	0.9979	0.9977	0.9985
$CP_{(SDM)}$	30.49	31.04	30.13

B5			B6	
Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.0662815	-0.056695685	0.56	-0.031231779
1.56	-0.008879245	-0.013158562	1.56	-0.001085171
2.56	-0.00126466	-0.008388761	2.56	0.020156923
3.56	-0.015535351	0.001759752	3.56	0.002294253
4.56	0.022058334	-0.010012523	4.56	0.019942357
5.56	-0.007761019	-0.000472921	5.56	0.006210094
6.56	0.004592713	0.002673118	6.56	0.027827679
7.56	-0.002755628	0.010791929	7.56	-0.001085171
8.56	0.027223472	0.000744901	8.56	0.000255871
9.56	0.011248819	0.008965197	9.56	0.016241083
10.56	0.016786698	0.021752324	10.56	0.024984672
11.56	0.010183842	0.009675593	11.56	0.014685475
12.56	0.017958173	0.013734998	12.56	0.032333578
13.56	0.016307459	0.012111236	13.56	0.00964316
14.56	0.01950239	0.009777078	14.56	0.042364567
15.56	0.023070062	0.006732524	15.56	0.008892177
16.58	0.02546626	0.00805183	16.58	0.025467447
17.58	0.023655799	0.014445394	17.58	-0.004357311
18.58	0.014017758	0.026725095	18.58	0.010447784
19.58	0.024401283	0.01119787	19.58	0.014792758
20.58	0.012739786	0.01515579	20.58	-0.008970493
21.58	0.027489716	0.01891074	21.58	-0.014120092
22.58	0.018703657	0.027131036	22.58	-0.009399627
23.58	0.026531237	0.026928065	23.58	0.009214026
24.58	0.036382273	0.052400834	24.58	0.011359692
25.58	0.055179116	0.050371131	25.58	0.040916242
26.58	0.101665358	0.071784494	26.58	0.073154875
27.58	0.200761458	0.083861225	27.58	0.161609958
28.56	0.278078782	0.127499833	28.56	0.252854406
29.61	0.448688082	0.166876064	29.61	0.454010599
30.56	0.57185266	0.219445363	30.56	0.607479363
31.63	0.743207444	0.280945354	31.63	0.781224671
32.63	0.915254463	0.331992376	32.63	0.969024092
33.63	1.048110332	0.419472561	33.63	1.136976102
34.63	1.153489796	0.485031958	34.63	1.258098951
35.63	1.299551378	0.524712645	35.63	1.441875248
36.63	1.40322688	0.61615075	36.63	1.538376578
37.65	1.499341046	0.640202727	37.65	1.619590038
38.65	1.626020048	0.737628455	38.65	1.734061322
39.65	1.651845738	0.813234879	39.65	1.795481013

Experiment derived	linear regression
parameter	value
y0	-0.0824
a	2.9914
R	0.9965093

Experiment derived	linear regression
parameter	value
y0	-0.0227
a	2.7451
R	0.99416363

	B7		
VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence
-0.017498883	0.56	-0.062865879	-0.050080977
0.017414367	1.56	-0.029283218	-0.007354086
0.03804035	2.56	0.001065158	-0.009300642
0.021942022	3.56	-0.02216779	-0.010955214
0.020030345	4.56	0.003059634	-0.005504859
0.031601019	5.56	-0.000821508	0.006271801
0.007654755	6.56	0.009582109	-0.00677012
0.004334475	7.56	0.00392211	0.008218357
0.002724642	8.56	0.025160582	0.013182073
0.005441235	9.56	0.009743823	0.00851034
0.014295316	10.56	0.022734868	0.01464199
-0.002205471	11.56	0.010714109	0.009094307
0.008761515	12.56	0.044728007	0.017075184
0.013792243	13.56	0.026777725	0.012792762
-0.00572698	14.56	0.025807439	0.022428211
-0.003312231	15.56	0.009905537	0.016977856
-0.00814173	16.58	0.023759059	0.007342407
-0.002607929	17.58	0.01049849	0.020870967
0.004535704	18.58	0.024621535	0.010456895
-0.001903627	19.58	0.025214487	0.014252678
-0.017498883	20.58	0.012007823	0.027099944
-0.021422851	21.58	0.029257343	0.031285038
0.010069505	22.58	0.031629153	0.035664788
-0.011562625	23.58	0.047153721	0.03819531
0.003227715	24.58	0.048339626	0.064181824
0.012987327	25.58	0.084294096	0.087540488
0.043171693	26.58	0.132269325	0.118588047
0.064904436	27.58	0.221643405	0.127250218
0.114306182	28.56	0.316030627	0.150803538
0.148615745	29.61	0.509440878	0.200830011
0.233635043	30.56	0.642423903	0.265163666
0.285753382	31.63	0.75627074	0.322489722
0.369364076	32.63	0.953993372	0.390911144
0.48899478	33.63	1.063096591	0.472763797
0.573511005	34.63	1.178398856	0.529505886
0.675836006	35.63	1.323941688	0.580602965
0.71567937	36.63	1.431212145	0.687371527
0.818406829	37.65	1.521987749	0.704209231
0.911575906	38.65	1.637613443	0.814578921
1.016013812	39.65	1.675454579	0.873267566

Experiment derived	linear regression
parameter	value
y0	-0.1329
a	2.8316
R	0.98832278

	value
y0	-0.079333333
a	2.856033333
R	

Well/ Cycle	Raw fluorescence data B8	B9	Well/ Cycle	B8	B9
0.56	192.52	226.77	0.56	-0.0811	-0.0283
1.56	201.40	236.94	1.56	-0.0387	0.0153
2.56	202.97	236.37	2.56	-0.0312	0.0129
3.56	202.55	238.99	3.56	-0.0332	0.0241
4.56	206.76	241.88	4.56	-0.0131	0.0365
5.56	210.21	239.59	5.56	0.0033	0.0267
6.56	209.36	238.83	6.56	-0.0007	0.0234
7.56	208.01	238.12	7.56	-0.0072	0.0204
8.56	214.45	234.18	8.56	0.0236	0.0035
9.56	214.87	237.53	9.56	0.0256	0.0178
10.56	214.02	234.69	10.56	0.0215	0.0057
11.56	212.60	238.05	11.56	0.0147	0.0201
12.56	213.25	239.62	12.56	0.0178	0.0268
13.56	213.10	232.51	13.56	0.0171	-0.0037
14.56	218.23	233.14	14.56	0.0416	-0.0010
15.56	214.07	233.78	15.56	0.0218	0.0018
16.58	217.73	231.92	16.58	0.0392	-0.0062
17.58	215.12	234.39	17.58	0.0268	0.0044
18.58	214.26	236.59	18.58	0.0227	0.0138
19.58	219.16	232.69	19.58	0.0461	-0.0029
20.58	215.24	229.64	20.58	0.0273	-0.0160
21.58	217.57	238.35	21.58	0.0385	0.0214
22.58	217.44	231.52	22.58	0.0378	-0.0079
23.58	219.93	234.26	23.58	0.0497	0.0038
24.58	219.93	235.98	24.58	0.0497	0.0112
25.58	231.93	240.88	25.58	0.1070	0.0322
26.58	238.78	252.50	26.58	0.1397	0.0820
27.58	258.25	276.13	27.58	0.2326	0.1833
28.56	275.96	289.03	28.56	0.3172	0.2385
29.61	310.76	329.50	29.61	0.4833	0.4120
30.56	340.33	363.99	30.56	0.6244	0.5597
31.63	373.77	391.88	31.63	0.7840	0.6793
32.63	414.14	433.32	32.63	0.9767	0.8568
33.63	440.15	463.43	33.63	1.1008	0.9859
34.63	464.60	487.82	34.63	1.2175	1.0904
35.63	492.46	525.44	35.63	1.3505	1.2516
36.63	517.37	545.21	36.63	1.4694	1.3363
37.65	535.88	564.28	37.65	1.5578	1.4180
38.65	552.88	593.83	38.65	1.6389	1.5446
39.65	570.73	602.25	39.65	1.7241	1.5807

Parameter		
a	374.289400	379.342000
b	2.636600	2.430800
x0	32.386600	32.543000
y0	209.511300	233.364500
R	0.998774	0.998419

$CP_{(SDM)}$	28.91	29.34

Raw fluorescence data		Well/ Cycle	B8	B9
94.49	97.15	0.56	-0.0742	0.00
98.04	98.65	1.56	-0.0394	0.01
99.36	99.17	2.56	-0.0265	0.02
98.49	100.63	3.56	-0.0350	0.03
101.41	99.11	4.56	-0.0064	0.02
101.47	97.04	5.56	-0.0058	-0.01
101.83	97.13	6.56	-0.0023	0.00
102.55	100.17	7.56	0.0048	0.03
99.98	97.43	8.56	-0.0204	0.00
102.47	98.47	9.56	0.0040	0.01
105.60	96.12	10.56	0.0347	-0.02
103.56	98.44	11.56	0.0147	0.01
101.04	98.74	12.56	-0.0100	0.01
102.55	99.53	13.56	0.0048	0.02
104.04	97.26	14.56	0.0194	0.00
106.71	97.93	15.56	0.0455	0.00
104.87	96.99	16.58	0.0275	-0.01
104.69	98.08	17.58	0.0257	0.00
106.40	97.76	18.58	0.0425	0.00
105.53	97.12	19.58	0.0340	0.00
105.34	97.26	20.58	0.0321	0.00
106.11	97.37	21.58	0.0397	0.00
106.62	98.08	22.58	0.0447	0.00
108.08	100.68	23.58	0.0590	0.03
109.50	100.51	24.58	0.0729	0.03
109.49	99.27	25.58	0.0728	0.02
114.31	105.19	26.58	0.1200	0.08
116.38	109.71	27.58	0.1403	0.12
121.90	112.55	28.56	0.1944	0.15
128.70	121.43	29.61	0.2610	0.24
141.73	130.28	30.56	0.3887	0.33
154.37	144.65	31.63	0.5125	0.48
162.03	156.08	32.63	0.5876	0.60
182.94	168.04	33.63	0.7924	0.72
198.60	180.90	34.63	0.9459	0.85
204.65	192.52	35.63	1.0052	0.97
217.39	200.53	36.63	1.1300	1.05
226.12	208.22	37.65	1.2155	1.13
241.28	216.67	38.65	1.3641	1.22
252.76	229.71	39.65	1.4765	1.35
171.446600	137.567800			
3.004700	2.556800			
34.271600	33.557400			
102.062000	97.606300			
0.997992	0.998855			
30.31	30.19			

B8			B9	
Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.081099683	-0.074190198	0.56	-0.028258368
1.56	-0.038715334	-0.039407419	1.56	0.015321525
2.56	-0.031221705	-0.026474104	2.56	0.012878994
3.56	-0.03322637	-0.034998334	3.56	0.024106066
4.56	-0.013131989	-0.006388274	4.56	0.036490126
5.56	0.003334904	-0.005800396	5.56	0.026677151
6.56	-0.000722157	-0.002273128	6.56	0.023420443
7.56	-0.007165723	0.004781407	7.56	0.020377992
8.56	0.023572476	-0.020399365	8.56	0.003494533
9.56	0.025577141	0.00399757	9.56	0.017849759
10.56	0.02152008	0.034665204	10.56	0.005679956
11.56	0.014742403	0.014677353	11.56	0.020078032
12.56	0.017844861	-0.010013521	12.56	0.026805705
13.56	0.017128909	0.004781407	13.56	-0.003661654
14.56	0.041614462	0.019380377	14.56	-0.000962014
15.56	0.021758731	0.045540946	15.56	0.001780476
16.58	0.039227956	0.027512688	16.58	-0.006189887
17.58	0.026770394	0.025749054	17.58	0.004394413
18.58	0.022665603	0.042503576	18.58	0.013821725
19.58	0.046053363	0.033979346	19.58	-0.002890328
20.58	0.027343155	0.032117732	20.58	-0.015960011
21.58	0.038464274	0.039662166	21.58	0.021363575
22.58	0.037843782	0.044659129	22.58	-0.007903944
23.58	0.049728583	0.058964159	23.58	0.003837345
24.58	0.049728583	0.072877271	24.58	0.011207789
25.58	0.10700473	0.072779291	25.58	0.032204984
26.58	0.139699863	0.120005487	26.58	0.081998333
27.58	0.232630412	0.140287276	27.58	0.183256236
28.56	0.317160459	0.194372048	28.56	0.238534567
29.61	0.483261285	0.260998217	29.61	0.41195426
30.56	0.624399257	0.388665713	30.56	0.559748805
31.63	0.784008786	0.512512003	31.63	0.679261413
32.63	0.97669529	0.587564422	32.63	0.856837694
33.63	1.100841339	0.792439889	33.63	0.985863317
34.63	1.217541488	0.945876036	34.63	1.090377928
35.63	1.350517609	1.00515373	35.63	1.251584967
36.63	1.469413344	1.129979816	36.63	1.336302222
37.65	1.557761801	1.215516059	37.65	1.418019879
38.65	1.638903009	1.364053223	38.65	1.544645822
39.65	1.724101278	1.476533872	39.65	1.580726717

Experiment derived linear regression	
parameter	value
y0	-0.0072
a	1.6368
R	0.99155602

Experiment derived linear regression	
parameter	value
y0	0.0165
a	1.4373
R	0.99011384

VIC Normalized Fluorescence
-0.004674903
0.010692957
0.016020482
0.030978533
0.015405768
-0.00580188
-0.004879808
0.026265723
-0.001806236
0.008848814
-0.015227501
0.008541457
0.011615029
0.019708769
-0.003547927
0.003316384
-0.006314142
0.00485317
0.001574693
-0.00498226
-0.003547927
-0.00242095
0.00485317
0.031490795
0.029749104
0.017045006
0.077696829
0.124005315
0.153101798
0.244079532
0.334749909
0.481974012
0.599077109
0.721610183
0.853363973
0.972413666
1.054478041
1.133263939
1.21983622
1.353434153

Well/ Cycle	FAM Raw fluorescence data C3	C4	C5	Well/ Cycle	FAM normalizednced data C3	C4	C5
0.56	188.66	229.61	180.33	0.56	-0.0082	-0.01	0.00
1.56	194.03	240.28	184.15	1.56	0.0201	0.04	0.02
2.56	194.61	242.62	182.68	2.56	0.0231	0.05	0.02
3.56	194.92	232.87	184.34	3.56	0.0247	0.01	0.02
4.56	194.47	239.80	185.23	4.56	0.0224	0.04	0.03
5.56	192.55	235.07	180.96	5.56	0.0123	0.02	0.01
6.56	195.38	240.03	182.43	6.56	0.0272	0.04	0.01
7.56	191.59	233.81	181.32	7.56	0.0072	0.01	0.01
8.56	195.21	236.83	182.33	8.56	0.0263	0.02	0.01
9.56	189.48	230.97	182.73	9.56	-0.0039	0.00	0.02
10.56	194.24	234.30	182.62	10.56	0.0212	0.01	0.02
11.56	193.40	230.60	180.34	11.56	0.0168	0.00	0.00
12.56	193.76	234.01	180.16	12.56	0.0186	0.01	0.00
13.56	190.86	229.66	180.60	13.56	0.0034	-0.01	0.00
14.56	192.29	237.00	179.83	14.56	0.0109	0.02	0.00
15.56	189.47	229.44	177.97	15.56	-0.0039	-0.01	-0.01
16.58	190.06	232.84	182.33	16.58	-0.0008	0.01	0.01
17.58	191.52	228.29	180.10	17.58	0.0069	-0.01	0.00
18.58	191.81	233.85	178.83	18.58	0.0084	0.01	-0.01
19.58	190.43	233.44	182.08	19.58	0.0011	0.01	0.01
20.58	189.18	229.71	178.59	20.58	-0.0054	-0.01	-0.01
21.58	187.15	229.53	182.02	21.58	-0.0161	-0.01	0.01
22.58	186.54	225.00	178.05	22.58	-0.0193	-0.03	-0.01
23.58	189.86	229.16	181.16	23.58	-0.0019	-0.01	0.01
24.58	190.06	234.47	182.19	24.58	-0.0008	0.01	0.01
25.58	196.03	236.36	188.92	25.58	0.0306	0.02	0.05
26.58	200.89	245.59	192.98	26.58	0.0561	0.06	0.07
27.58	217.73	266.11	207.88	27.58	0.1447	0.15	0.16
28.56	229.23	283.05	219.41	28.56	0.2051	0.22	0.22
29.61	261.89	323.35	248.24	29.61	0.3768	0.40	0.38
30.56	282.80	351.97	266.54	30.56	0.4868	0.52	0.48
31.63	314.66	390.50	295.02	31.63	0.6543	0.69	0.64
32.63	347.40	432.37	322.47	32.63	0.8264	0.87	0.79
33.63	374.15	468.59	345.64	33.63	0.9670	1.03	0.92
34.63	394.25	498.12	362.63	34.63	1.0727	1.15	1.02
35.63	423.61	532.15	394.75	35.63	1.2270	1.30	1.19
36.63	444.72	558.06	415.45	36.63	1.3380	1.41	1.31
37.65	461.87	575.74	425.91	37.65	1.4282	1.49	1.37
38.65	478.71	606.85	445.78	38.65	1.5167	1.62	1.48
39.65	492.47	622.65	458.37	39.65	1.5891	1.69	1.55

Parameter			
a	308.202100	397.860300	289.089600
b	2.330400	2.336600	2.488000
x0	32.735700	32.746400	32.882900
y0	190.212600	231.369400	179.871100
R	0.998614	0.998401	0.998797

$CP_{(SDM)}$	29.67	29.67	29.61

Well/ Cycle	Raw fluorescence data C3	C4	C5
0.56	97.80	97.81	94.94
1.56	97.86	98.25	95.20
2.56	98.65	98.02	93.04
3.56	99.56	99.33	95.78
4.56	99.46	97.49	93.29
5.56	100.66	98.93	95.57
6.56	98.01	96.96	93.70
7.56	98.11	98.12	94.49
8.56	99.46	96.79	93.50
9.56	98.76	98.24	93.28
10.56	98.38	97.41	93.46
11.56	98.54	98.20	93.00
12.56	98.48	97.11	93.98
13.56	98.12	97.68	92.93
14.56	96.51	96.73	93.80
15.56	97.79	96.83	92.85
16.58	98.59	96.05	92.20
17.58	97.45	96.39	92.91
18.58	96.64	95.52	91.89
19.58	96.50	96.28	92.89
20.58	96.22	95.52	93.22
21.58	97.43	94.83	91.93
22.58	96.97	96.22	93.51
23.58	97.84	96.57	94.88
24.58	97.21	98.57	95.00
25.58	101.60	101.76	95.80
26.58	105.03	103.70	101.89
27.58	110.58	108.72	106.41
28.56	119.65	118.35	115.00
29.61	132.31	129.57	125.40
30.56	146.60	144.83	139.91
31.63	163.09	159.19	155.15
32.63	181.18	175.01	167.44
33.63	201.85	198.01	185.93
34.63	219.89	215.19	200.07
35.63	233.01	231.57	213.24
36.63	251.24	244.09	226.05
37.65	263.14	260.25	237.57
38.65	279.57	275.89	249.47
39.65	295.21	287.77	261.87

Parameter			
a	210.248100	205.600400	178.946800
b	2.568800	2.553100	2.610700
x0	33.811100	33.862000	33.539300
y0	97.115600	96.355100	92.735700
R	0.998859	0.999099	0.998971

$CP_{(SDM)}$	30.43	30.50	30.10

Well/ Cycle	C3	C4	C5
0.56	0.0070	0.02	0.02
1.56	0.0077	0.02	0.03
2.56	0.0158	0.02	0.00
3.56	0.0252	0.03	0.03
4.56	0.0241	0.01	0.01
5.56	0.0365	0.03	0.03
6.56	0.0092	0.01	0.01
7.56	0.0102	0.02	0.02
8.56	0.0241	0.00	0.01
9.56	0.0169	0.02	0.01
10.56	0.0130	0.01	0.01
11.56	0.0147	0.02	0.00
12.56	0.0140	0.01	0.01
13.56	0.0103	0.01	0.00
14.56	-0.0062	0.00	0.01
15.56	0.0069	0.00	0.00
16.58	0.0152	0.00	-0.01
17.58	0.0034	0.00	0.00
18.58	-0.0049	-0.01	-0.01
19.58	-0.0063	0.00	0.00
20.58	-0.0092	-0.01	0.01
21.58	0.0032	-0.02	-0.01
22.58	-0.0015	0.00	0.01
23.58	0.0075	0.00	0.02
24.58	0.0010	0.02	0.02
25.58	0.0462	0.06	0.03
26.58	0.0815	0.08	0.10
27.58	0.1386	0.13	0.15
28.56	0.2320	0.23	0.24
29.61	0.3624	0.34	0.35
30.56	0.5095	0.50	0.51
31.63	0.6793	0.65	0.67
32.63	0.8656	0.82	0.81
33.63	1.0785	1.06	1.00
34.63	1.2642	1.23	1.16
35.63	1.3993	1.40	1.30
36.63	1.5870	1.53	1.44
37.65	1.7096	1.70	1.56
38.65	1.8787	1.86	1.69
39.65	2.0398	1.99	1.82

Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.008162446	0.007047271	0.56	-0.00760429
1.56	0.020069123	0.007665092	1.56	0.038512439
2.56	0.023118342	0.015799727	2.56	0.048626136
3.56	0.024748098	0.025170004	3.56	0.006485732
4.56	0.022382324	0.024140303	4.56	0.036437835
5.56	0.012288355	0.036496711	5.56	0.015994336
6.56	0.027166444	0.009209643	6.56	0.037431916
7.56	0.007241371	0.010239344	7.56	0.010548499
8.56	0.026272707	0.024140303	8.56	0.02360122
9.56	-0.00385148	0.016932398	9.56	-0.001726244
10.56	0.02117315	0.013019535	10.56	0.012666325
11.56	0.016757039	0.014667057	11.56	-0.003325418
12.56	0.018649658	0.014049236	12.56	0.011412918
13.56	0.00340356	0.010342314	13.56	-0.007388185
14.56	0.010921464	-0.006235867	14.56	0.024335975
15.56	-0.003904053	0.006944301	15.56	-0.008339046
16.58	-0.00080226	0.015181907	16.58	0.00635607
17.58	0.006873362	0.003443319	17.58	-0.013309452
18.58	0.008397972	-0.004897256	18.58	0.010721383
19.58	0.001142932	-0.006338837	19.58	0.008949325
20.58	-0.005428662	-0.009221999	20.58	-0.007172081
21.58	-0.016100931	0.003237379	21.58	-0.007950057
22.58	-0.019307869	-0.001499244	22.58	-0.027529137
23.58	-0.001853715	0.007459152	23.58	-0.009549232
24.58	-0.00080226	0.000972037	24.58	0.013401081
25.58	0.030583673	0.046175898	25.58	0.021569836
26.58	0.056134031	0.081494631	26.58	0.061462752
27.58	0.144666547	0.138643019	27.58	0.150152094
28.56	0.205125213	0.232036872	28.56	0.223368345
29.61	0.376827823	0.362396978	29.61	0.397548682
30.56	0.486757449	0.509541207	30.56	0.521246976
31.63	0.65425424	0.67933885	31.63	0.687777208
32.63	0.826377432	0.865611704	32.63	0.868743231
33.63	0.967009546	1.078450836	33.63	1.025289429
34.63	1.072680779	1.26420884	34.63	1.152920827
35.63	1.227034382	1.39930557	35.63	1.300001642
36.63	1.338015463	1.587020005	36.63	1.411987065
37.65	1.428177734	1.709554387	37.65	1.488401664
38.65	1.516710249	1.87873421	38.65	1.622861969
39.65	1.589050357	2.039779397	39.65	1.691151034

Experiment derived parameter	linear regression value
y0	-0.0039
a	0.9681
R	0.9981421

Experiment derived parameter	linear regression value
y0	-0.0032
a	1.0669
R	0.9979948

VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence
0.015099356	0.56	0.002551271	0.023769702
0.019665799	1.56	0.023788702	0.026573369
0.017278795	2.56	0.015616183	0.003281368
0.030874339	3.56	0.024845014	0.032827703
0.011778308	4.56	0.029793002	0.005977202
0.026723028	5.56	0.00605378	0.030563203
0.00627782	6.56	0.014226299	0.010398369
0.018316623	7.56	0.008055213	0.018917202
0.004513513	8.56	0.013670345	0.008241702
0.019562016	9.56	0.01589416	0.005869369
0.010948045	10.56	0.015282611	0.007810369
0.019146885	11.56	0.002606867	0.002850035
0.007834562	12.56	0.00160615	0.013417702
0.01375018	13.56	0.004052346	0.002095202
0.003890816	14.56	-0.000228497	0.011476702
0.004928644	15.56	-0.010569235	0.001232535
-0.003166413	16.58	0.013670345	-0.005776632
0.000362202	17.58	0.001272578	0.001879535
-0.0086669	18.58	-0.005788034	-0.009119465
-0.000779409	19.58	0.012280461	0.001663868
-0.0086669	20.58	-0.007122323	0.005222369
-0.015827912	21.58	0.011946889	-0.008688132
-0.001402105	22.58	-0.010124472	0.008349535
0.002230292	23.58	0.007165687	0.023122702
0.022986848	24.58	0.01289201	0.024416703
0.056093554	25.58	0.050307693	0.033043369
0.076227413	26.58	0.072879412	0.098713872
0.128326368	27.58	0.15571651	0.14745454
0.228269183	28.56	0.21981797	0.240083377
0.344713461	29.61	0.380099416	0.352230047
0.503085981	30.56	0.481838939	0.508696219
0.652118051	31.63	0.640174547	0.673034225
0.816302406	32.63	0.792783832	0.805561397
1.055002797	33.63	0.9215983	1.004945237
1.23330161	34.63	1.01605483	1.157421576
1.403297802	35.63	1.194627152	1.29943808
1.53323384	36.63	1.309709564	1.437572585
1.70094681	37.65	1.367862319	1.56179659
1.863263076	38.65	1.478330315	1.690118261
1.986557017	39.65	1.548324884	1.823831599

Experiment derived parameter	linear regression value
y0	-0.0032
a	0.9788
R	0.99673657

	value
y0	-0.003433333
a	1.0046
R	

Well/ Cycle	Raw fluorescence data C6	C7	C8	Well/ Cycle	C6	C7	C8
0.56	195.24	178.61	176.25	0.56	-0.0243	0.00	-0.05
1.56	202.70	177.93	183.59	1.56	0.0130	-0.01	-0.01
2.56	203.48	180.25	185.00	2.56	0.0169	0.01	0.00
3.56	202.04	180.36	186.45	3.56	0.0097	0.01	0.00
4.56	204.65	181.86	188.53	4.56	0.0227	0.02	0.02
5.56	200.69	179.03	184.46	5.56	0.0029	0.00	-0.01
6.56	206.03	180.79	188.17	6.56	0.0296	0.01	0.01
7.56	199.66	180.13	185.71	7.56	-0.0022	0.01	0.00
8.56	202.69	181.49	188.65	8.56	0.0129	0.01	0.02
9.56	198.90	179.77	186.93	9.56	-0.0060	0.00	0.01
10.56	201.52	180.11	186.83	10.56	0.0071	0.01	0.01
11.56	200.89	180.44	188.09	11.56	0.0039	0.01	0.01
12.56	201.73	181.69	187.99	12.56	0.0081	0.02	0.01
13.56	200.43	180.55	190.80	13.56	0.0016	0.01	0.03
14.56	207.71	183.60	191.38	14.56	0.0380	0.03	0.03
15.56	202.05	177.13	191.42	15.56	0.0097	-0.01	0.03
16.58	202.10	179.24	184.26	16.58	0.0100	0.00	-0.01
17.58	199.42	179.56	187.11	17.58	-0.0034	0.00	0.01
18.58	202.81	182.31	188.77	18.58	0.0135	0.02	0.02
19.58	202.92	179.86	187.45	19.58	0.0141	0.01	0.01
20.58	202.00	178.21	190.75	20.58	0.0095	0.00	0.03
21.58	201.56	180.43	190.96	21.58	0.0073	0.01	0.03
22.58	197.18	178.34	183.75	22.58	-0.0146	0.00	-0.01
23.58	204.39	183.65	191.23	23.58	0.0214	0.03	0.03
24.58	203.00	181.06	192.46	24.58	0.0145	0.01	0.04
25.58	204.54	185.96	198.61	25.58	0.0222	0.04	0.07
26.58	209.11	190.23	201.09	26.58	0.0450	0.06	0.08
27.58	223.59	199.88	215.12	27.58	0.1174	0.12	0.16
28.56	239.93	214.97	229.33	28.56	0.1990	0.20	0.23
29.61	264.32	241.66	254.63	29.61	0.3209	0.35	0.37
30.56	286.65	253.69	271.57	30.56	0.4325	0.42	0.46
31.63	316.82	279.23	294.40	31.63	0.5833	0.56	0.59
32.63	343.88	305.68	325.80	32.63	0.7185	0.71	0.75
33.63	366.08	329.35	348.29	33.63	0.8295	0.84	0.88
34.63	387.38	344.72	363.82	34.63	0.9359	0.93	0.96
35.63	412.66	370.16	390.65	35.63	1.0622	1.07	1.10
36.63	432.11	388.83	405.40	36.63	1.1594	1.17	1.18
37.65	451.58	402.22	422.03	37.65	1.2567	1.25	1.27
38.65	473.27	417.73	443.54	38.65	1.3651	1.34	1.39
39.65	483.59	428.36	455.61	39.65	1.4167	1.39	1.45
Parameter							
a	294.535000	259.619100	283.897400				
b	2.474300	2.466800	2.665300				
x0	32.993100	32.912200	32.968100				
y0	200.102700	178.895000	185.708400				
R	0.998399	0.998981	0.998692				
$CP_{(SDM)}$	29.73	29.66	29.46				

Well/ Cycle	Raw fluorescence data C6	C7	C8	Well/ Cycle	C6	C7	C8
0.56	100.85	98.29	94.51	0.56	0.0005	-0.02	-0.03
1.56	102.18	103.51	97.75	1.56	0.0137	0.03	0.00
2.56	102.18	102.65	95.08	2.56	0.0137	0.03	-0.03
3.56	102.45	101.03	97.44	3.56	0.0164	0.01	0.00
4.56	102.51	99.97	97.40	4.56	0.0170	0.00	0.00
5.56	101.12	103.49	98.65	5.56	0.0032	0.03	0.01
6.56	101.46	101.30	97.22	6.56	0.0066	0.01	-0.01
7.56	102.54	102.06	98.62	7.56	0.0173	0.02	0.01
8.56	102.83	101.73	98.73	8.56	0.0202	0.02	0.01
9.56	103.13	101.54	97.79	9.56	0.0231	0.01	0.00
10.56	101.41	100.30	98.90	10.56	0.0061	0.00	0.01
11.56	101.88	100.23	98.98	11.56	0.0107	0.00	0.01
12.56	103.25	101.83	99.99	12.56	0.0243	0.02	0.02
13.56	101.74	102.49	99.64	13.56	0.0093	0.02	0.02
14.56	100.83	102.56	100.98	14.56	0.0003	0.02	0.03
15.56	101.63	102.13	99.35	15.56	0.0083	0.02	0.02
16.58	101.23	99.40	98.72	16.58	0.0043	-0.01	0.01
17.58	102.23	100.48	100.41	17.58	0.0142	0.00	0.03
18.58	101.38	98.98	99.75	18.58	0.0058	-0.01	0.02
19.58	99.74	100.42	99.54	19.58	-0.0105	0.00	0.02
20.58	100.53	99.09	101.44	20.58	-0.0027	-0.01	0.04
21.58	101.14	101.27	102.17	21.58	0.0034	0.01	0.04
22.58	102.27	101.98	102.38	22.58	0.0146	0.02	0.05
23.58	101.74	101.53	102.10	23.58	0.0093	0.01	0.04
24.58	102.90	103.85	104.88	24.58	0.0209	0.04	0.07
25.58	108.12	106.67	106.48	25.58	0.0726	0.07	0.09
26.58	112.04	110.38	113.59	26.58	0.1115	0.10	0.16
27.58	116.94	118.82	121.09	27.58	0.1601	0.19	0.24
28.56	131.44	133.65	134.13	28.56	0.3040	0.34	0.37
29.61	146.07	144.85	146.44	29.61	0.4491	0.45	0.50
30.56	165.24	165.78	167.38	30.56	0.6393	0.66	0.71
31.63	186.02	185.11	189.20	31.63	0.8455	0.85	0.93
32.63	207.00	202.82	208.92	32.63	1.0536	1.03	1.14
33.63	236.00	228.77	234.19	33.63	1.3413	1.29	1.39
34.63	256.30	246.20	254.95	34.63	1.5427	1.46	1.61
35.63	276.90	267.95	271.25	35.63	1.7471	1.68	1.77
36.63	296.02	284.87	290.27	36.63	1.9368	1.85	1.97
37.65	309.13	294.64	302.66	37.65	2.0668	1.94	2.09
38.65	326.22	313.81	315.67	38.65	2.2364	2.14	2.23
39.65	339.92	329.07	338.43	39.65	2.3723	2.29	2.46
Parameter							
a	251.023400	240.949100	252.469500				
b	2.452600	2.579900	2.685300				
x0	33.390800	33.401600	33.332200				
y0	100.797900	100.085400	97.814400				
R	0.999417	0.999046	0.999257				
$CP_{(SDM)}$	30.16	30.00	29.80				

C6			C7	
Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.024301021	0.000516876	0.56	-0.001593113
1.56	0.012979835	0.013711595	1.56	-0.005394226
2.56	0.016877833	0.013711595	2.56	0.007574275
3.56	0.009681529	0.016390222	3.56	0.008189161
4.56	0.022724831	0.016985473	4.56	0.016573968
5.56	0.002934993	0.003195503	5.56	0.000754633
6.56	0.029621289	0.006568589	6.56	0.010592806
7.56	-0.002212364	0.017283098	7.56	0.006903491
8.56	0.012929861	0.020160142	8.56	0.014505716
9.56	-0.006010414	0.023136395	9.56	0.004891137
10.56	0.007082863	0.006072547	10.56	0.006791693
11.56	0.00393448	0.010735343	11.56	0.008636351
12.56	0.008132324	0.024326896	12.56	0.01562369
13.56	0.00163566	0.009346425	13.56	0.009251237
14.56	0.038016978	0.000318459	14.56	0.026300344
15.56	0.009731503	0.008255132	15.56	-0.009866123
16.58	0.009981375	0.004286796	16.58	0.001928506
17.58	-0.003411748	0.014207637	17.58	0.003717264
18.58	0.013529553	0.005774922	18.58	0.01908941
19.58	0.01407927	-0.010495258	19.58	0.005394226
20.58	0.009481631	-0.002657793	20.58	-0.003829062
21.58	0.00728276	0.00339392	21.58	0.008580452
22.58	-0.014606	0.014604471	22.58	-0.003102378
23.58	0.021425498	0.009346425	23.58	0.026579837
24.58	0.014479065	0.020854601	24.58	0.012102071
25.58	0.022175113	0.072641394	25.58	0.03949244
26.58	0.045013386	0.111531093	26.58	0.06336119
27.58	0.117376227	0.160143217	27.58	0.117303446
28.56	0.199034296	0.303995421	28.56	0.201654602
29.61	0.320921707	0.449137333	29.61	0.350848263
30.56	0.432514404	0.639319867	30.56	0.418094413
31.63	0.583286982	0.845474955	31.63	0.560859722
32.63	0.718517541	1.053614212	32.63	0.708711814
33.63	0.829460572	1.341318619	33.63	0.841024064
34.63	0.935905912	1.542711703	34.63	0.926940384
35.63	1.062241039	1.74708104	35.63	1.069146706
36.63	1.159441127	1.936767532	36.63	1.173509601
37.65	1.256741163	2.066829765	37.65	1.248357975
38.65	1.365135503	2.236376948	38.65	1.335056877
39.65	1.41670902	2.372292478	39.65	1.394477207

Experiment derived linear regression	
parameter	value
y0	-0.0101
a	0.6981
R	0.99843518

Experiment derived linear regression	
parameter	value
y0	-0.0069
a	0.6848
R	0.99393004

	C8		
VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence
-0.01793868	0.56	-0.05093146	-0.033782347
0.034216779	1.56	-0.011407131	-0.00065839
0.025624117	2.56	-0.003814582	-0.027954984
0.00943794	3.56	0.003993357	-0.003827657
-0.001153015	4.56	0.015193712	-0.004236595
0.03401695	5.56	-0.006722367	0.008542709
0.012135636	6.56	0.013255189	-0.006076815
0.019729151	7.56	8.61566E-06	0.008236006
0.016431967	8.56	0.015839887	0.009360585
0.014533588	9.56	0.006578055	-0.000249452
0.002144169	10.56	0.006039576	0.01109857
0.001444766	11.56	0.012824406	0.011916446
0.017431114	12.56	0.012285928	0.022242124
0.024025482	13.56	0.027417177	0.018663919
0.024724885	14.56	0.030540353	0.032363333
0.020428554	15.56	0.030755744	0.01569912
-0.006848152	16.58	-0.007799324	0.009258351
0.003942633	17.58	0.007547316	0.02653597
-0.011044568	18.58	0.016486061	0.019788497
0.003343145	19.58	0.009378143	0.017641574
-0.009945507	20.58	0.027147937	0.037066117
0.011835892	21.58	0.028278742	0.044529231
0.018929834	22.58	-0.010545565	0.046676154
0.014433674	23.58	0.029732635	0.04381359
0.037613878	24.58	0.036355921	0.072234763
0.065789815	25.58	0.069472356	0.088592273
0.102858159	26.58	0.082826625	0.161280957
0.187186143	27.58	0.158375173	0.237956783
0.335359603	28.56	0.234892983	0.371270488
0.447264037	29.61	0.37112807	0.497121078
0.656385447	30.56	0.462346345	0.711199987
0.849520509	31.63	0.58528101	0.934275526
1.026469395	32.63	0.754363292	1.135881833
1.285747971	33.63	0.87546713	1.394228253
1.459899246	34.63	0.959092857	1.606466941
1.67721366	35.63	1.103566667	1.773109072
1.846269286	36.63	1.182992261	1.967558969
1.943885921	37.65	1.272541253	2.094227435
2.135422349	38.65	1.388368001	2.227234436
2.28789214	39.65	1.453362368	2.459920012

Experiment derived	linear regression
parameter	value
y0	-0.0022
a	0.6581
R	0.99496935

average	value
y0	-0.0064
a	0.680333333

Raw fluorescence data			Well/			
C9	D2	D3	Cycle	C9	D2	D3
165.88	143.77	170.44	0.56	-0.0748	-0.01	-0.03
172.57	146.07	174.16	1.56	-0.0375	0.00	-0.01
177.39	148.38	178.68	2.56	-0.0106	0.02	0.01
177.97	146.70	177.71	3.56	-0.0074	0.01	0.01
178.37	150.87	181.30	4.56	-0.0051	0.04	0.03
177.80	145.62	177.18	5.56	-0.0083	0.00	0.00
179.64	148.94	182.16	6.56	0.0019	0.02	0.03
178.39	146.77	177.45	7.56	-0.0050	0.01	0.00
178.07	150.21	178.30	8.56	-0.0068	0.03	0.01
182.65	146.21	177.07	9.56	0.0187	0.00	0.00
181.35	148.13	179.84	10.56	0.0115	0.02	0.02
181.06	148.15	178.59	11.56	0.0099	0.02	0.01
183.00	149.09	178.88	12.56	0.0207	0.02	0.01
183.04	145.52	177.41	13.56	0.0209	0.00	0.00
182.32	145.71	178.92	14.56	0.0169	0.00	0.01
183.56	142.95	176.01	15.56	0.0238	-0.02	0.00
183.45	146.45	178.39	16.58	0.0232	0.01	0.01
183.85	145.38	176.52	17.58	0.0254	0.00	0.00
185.07	145.48	179.51	18.58	0.0322	0.00	0.02
182.56	146.86	178.33	19.58	0.0182	0.01	0.01
183.07	143.06	176.74	20.58	0.0211	-0.02	0.00
185.20	144.52	178.88	21.58	0.0330	-0.01	0.01
183.26	143.79	173.64	22.58	0.0221	-0.01	-0.02
187.78	143.55	176.89	23.58	0.0473	-0.01	0.00
188.21	144.49	179.09	24.58	0.0497	-0.01	0.01
192.76	148.60	181.28	25.58	0.0751	0.02	0.03
194.83	150.33	184.74	26.58	0.0867	0.03	0.05
200.61	158.32	195.55	27.58	0.1189	0.09	0.11
214.68	162.72	202.39	28.56	0.1974	0.12	0.15
229.46	180.41	223.52	29.61	0.2798	0.24	0.27
243.90	187.13	237.39	30.56	0.3604	0.28	0.34
262.27	200.86	257.96	31.63	0.4628	0.38	0.46
285.14	216.32	281.61	32.63	0.5904	0.49	0.59
300.02	234.66	303.53	33.63	0.6734	0.61	0.72
313.42	242.82	318.65	34.63	0.7481	0.67	0.80
334.28	259.74	343.00	35.63	0.8645	0.78	0.94
347.08	272.83	357.42	36.63	0.9358	0.87	1.02
359.01	283.84	371.84	37.65	1.0024	0.95	1.11
374.48	291.41	389.10	38.65	1.0887	1.00	1.20
386.55	298.58	400.64	39.65	1.1560	1.05	1.27
224.713800	160.865100	235.319900				
2.887800	2.405800	2.483800				
33.286800	33.294300	33.357000				
179.291400	145.646500	176.576100				
0.998348	0.998185	0.998733				
29.48	30.13	30.09				

Well/ Cycle	Raw fluorescence data C9	D2	D3	Well/ Cycle	C9	D2	D3
0.56	87.90	82.39	86.32	0.56	-0.0379	0.00	0.01
1.56	88.06	84.00	87.36	1.56	-0.0361	0.02	0.02
2.56	88.36	84.87	87.28	2.56	-0.0328	0.03	0.02
3.56	90.37	84.05	88.47	3.56	-0.0108	0.02	0.03
4.56	89.88	83.35	87.36	4.56	-0.0162	0.01	0.02
5.56	91.06	83.24	88.58	5.56	-0.0033	0.01	0.03
6.56	90.95	84.63	87.31	6.56	-0.0045	0.03	0.02
7.56	90.47	85.48	87.12	7.56	-0.0097	0.04	0.02
8.56	92.68	83.81	87.46	8.56	0.0145	0.02	0.02
9.56	91.77	84.29	85.79	9.56	0.0045	0.02	0.00
10.56	92.05	82.84	86.07	10.56	0.0076	0.01	0.00
11.56	92.26	82.66	87.37	11.56	0.0099	0.00	0.02
12.56	94.31	84.48	86.98	12.56	0.0323	0.03	0.01
13.56	92.09	82.66	86.59	13.56	0.0080	0.00	0.01
14.56	93.25	82.73	86.87	14.56	0.0207	0.00	0.01
15.56	94.42	82.40	86.15	15.56	0.0335	0.00	0.00
16.58	94.45	82.35	85.63	16.58	0.0338	0.00	0.00
17.58	95.40	82.50	85.48	17.58	0.0442	0.00	0.00
18.58	94.01	81.57	85.47	18.58	0.0290	-0.01	0.00
19.58	94.74	82.00	85.94	19.58	0.0370	0.00	0.00
20.58	94.92	82.12	85.82	20.58	0.0390	0.00	0.00
21.58	95.55	83.19	86.36	21.58	0.0459	0.01	0.01
22.58	94.68	83.18	87.46	22.58	0.0364	0.01	0.02
23.58	97.96	85.09	86.52	23.58	0.0723	0.03	0.01
24.58	98.93	85.63	88.94	24.58	0.0829	0.04	0.04
25.58	102.63	87.00	90.82	25.58	0.1234	0.06	0.06
26.58	106.71	92.79	95.78	26.58	0.1680	0.13	0.12
27.58	113.63	99.79	102.11	27.58	0.2438	0.21	0.19
28.56	127.87	112.55	114.33	28.56	0.3996	0.37	0.33
29.61	140.12	123.07	128.45	29.61	0.5337	0.49	0.50
30.56	162.27	143.48	147.66	30.56	0.7762	0.74	0.72
31.63	181.45	158.62	169.57	31.63	0.9861	0.93	0.98
32.63	199.79	173.53	188.01	32.63	1.1869	1.11	1.19
33.63	222.37	193.40	214.51	33.63	1.4340	1.35	1.50
34.63	240.32	207.41	231.58	34.63	1.6305	1.52	1.70
35.63	256.38	219.09	245.19	35.63	1.8063	1.66	1.86
36.63	273.64	231.45	265.34	36.63	1.9952	1.81	2.09
37.65	285.20	245.77	280.17	37.65	2.1218	1.98	2.27
38.65	297.00	255.35	290.94	38.65	2.2509	2.10	2.39
39.65	311.22	263.40	303.33	39.65	2.4066	2.20	2.54

Parameter			
a	231.752900	187.575500	225.555800
b	2.670100	2.505800	2.410400
x0	33.015700	32.791800	33.119500
y0	91.358900	82.358100	85.790100
R	0.999367	0.998961	0.999236

$CP_{(SDM)}$	29.50	29.49	29.95

C9			D2	
Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.074802249	-0.03786057	0.56	-0.012883935
1.56	-0.037488692	-0.036109235	1.56	0.002907725
2.56	-0.010605082	-0.032825483	2.56	0.018768045
3.56	-0.007370125	-0.010824342	3.56	0.007233267
4.56	-0.00513912	-0.016187804	4.56	0.035864233
5.56	-0.008318302	-0.003271712	5.56	-0.000181947
6.56	0.001944321	-0.004475754	6.56	0.02261297
7.56	-0.00502757	-0.009729758	7.56	0.007713883
8.56	-0.006812374	0.014460551	8.56	0.031332713
9.56	0.018732633	0.004499835	9.56	0.003868957
10.56	0.011481867	0.007564671	10.56	0.01705156
11.56	0.009864388	0.009863297	11.56	0.017188879
12.56	0.020684762	0.032302272	12.56	0.023642861
13.56	0.020907863	0.008002504	13.56	-0.000868541
14.56	0.016892054	0.02069968	14.56	0.000435987
15.56	0.023808169	0.033506314	15.56	-0.018514005
16.58	0.023194643	0.033834689	16.58	0.005516782
17.58	0.025425648	0.044233238	17.58	-0.001829773
18.58	0.032230213	0.029018519	18.58	-0.001143179
19.58	0.018230657	0.037008983	19.58	0.008331817
20.58	0.021075188	0.038979235	20.58	-0.017758751
21.58	0.03295529	0.045875115	21.58	-0.00773448
22.58	0.022134916	0.036352233	22.58	-0.012746616
23.58	0.047345271	0.072254592	23.58	-0.014394441
24.58	0.049743602	0.082872057	24.58	-0.007940459
25.58	0.075121283	0.123371669	25.58	0.020278551
26.58	0.086666734	0.168030701	26.58	0.032156626
27.58	0.118904755	0.243775921	27.58	0.087015479
28.56	0.197380354	0.399644698	28.56	0.117225611
29.61	0.279815987	0.533731251	29.61	0.238684074
30.56	0.360355265	0.776181631	30.56	0.284823185
31.63	0.462814167	0.986122863	31.63	0.379092529
32.63	0.590371875	1.186869588	32.63	0.485239947
33.63	0.673365259	1.434026679	33.63	0.611161271
34.63	0.748103925	1.630504527	34.63	0.667187334
35.63	0.864450833	1.806294734	35.63	0.783359023
36.63	0.935842991	1.995219951	36.63	0.873234166
37.65	1.002382713	2.121753874	37.65	0.948828156
38.65	1.08866683	2.250914799	38.65	1.000803315
39.65	1.155987404	2.406564659	39.65	1.050032098

Experiment derived linear regression	
parameter	value
y0	0.009
a	0.4753
R	0.99753434

Experiment derived linear regression	
parameter	value
y0	-0.014
a	0.4357
R	0.99141641

	D3		
VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence
0.000387333	0.56	-0.034750456	0.006176703
0.019936108	1.56	-0.013683052	0.018299314
0.030499732	2.56	0.011914976	0.017366806
0.020543213	3.56	0.006421594	0.03123787
0.012043746	4.56	0.026752771	0.018299314
0.010708115	5.56	0.003420055	0.032520069
0.027585629	6.56	0.031623192	0.017716496
0.037906411	7.56	0.004949141	0.015501789
0.01762911	8.56	0.009762929	0.01946495
0.023457316	9.56	0.002797094	-1.16564E-06
0.005851276	10.56	0.018484382	0.003262614
0.003665699	11.56	0.011405281	0.018415878
0.025764315	12.56	0.013047632	0.013869899
0.003665699	13.56	0.00472261	0.00932392
0.004515646	14.56	0.013274163	0.0125877
0.000508754	15.56	-0.003205983	0.004195123
-9.8351E-05	16.58	0.010272625	-0.001866183
0.001722963	17.58	-0.00031771	-0.003614636
-0.009569186	18.58	0.016615499	-0.0037312
-0.004348085	19.58	0.009932828	0.001747288
-0.002891033	20.58	0.000928212	0.000348525
0.01010101	21.58	0.013047632	0.006642958
0.009979589	22.58	-0.016627958	0.01946495
0.033170994	23.58	0.001777704	0.008507975
0.039727726	24.58	0.014236921	0.036716358
0.056362398	25.58	0.026639506	0.058630308
0.126665137	26.58	0.046234456	0.116445837
0.211659812	27.58	0.10745452	0.190230574
0.366592964	28.56	0.146191359	0.332671252
0.49432782	29.61	0.265856478	0.497259008
0.74214801	30.56	0.34440618	0.721177618
0.925979351	31.63	0.460899861	0.976568392
1.10701801	32.63	0.594836447	1.191511608
1.348281468	33.63	0.718975558	1.500405058
1.518392241	34.63	0.80460436	1.699379066
1.660211928	35.63	0.942505243	1.858022079
1.810288241	36.63	1.024169749	2.092897665
1.984163063	37.65	1.105834255	2.265761434
2.100484348	38.65	1.203582478	2.391300395
2.198228225	39.65	1.268936736	2.535722653

Experiment derived linear regression	
parameter	value
y0	-0.0014
a	0.4906
R	0.99728241
average	
	value
y0	-0.002133333
a	0.4672

Well/ Cycle	Raw fluorescence data D4	D5	D6	Well/ Cycle	D4	D5	D6
0.56	130.12	159.40	167.25	0.56	-0.0472	-0.04	-0.03
1.56	132.71	163.22	173.07	1.56	-0.0283	-0.02	0.00
2.56	134.38	165.57	176.28	2.56	-0.0160	0.00	0.02
3.56	136.57	164.06	172.85	3.56	0.0000	-0.01	0.00
4.56	135.62	167.44	175.29	4.56	-0.0069	0.01	0.02
5.56	134.38	164.99	173.56	5.56	-0.0160	-0.01	0.01
6.56	136.71	167.28	176.17	6.56	0.0010	0.01	0.02
7.56	137.55	167.57	174.01	7.56	0.0072	0.01	0.01
8.56	138.53	169.08	175.32	8.56	0.0144	0.02	0.02
9.56	137.69	166.72	174.92	9.56	0.0082	0.00	0.01
10.56	138.12	168.77	175.87	10.56	0.0114	0.02	0.02
11.56	137.34	166.81	171.73	11.56	0.0056	0.01	0.00
12.56	139.64	168.62	174.21	12.56	0.0225	0.02	0.01
13.56	136.04	165.84	174.19	13.56	-0.0039	0.00	0.01
14.56	138.42	167.07	172.87	14.56	0.0136	0.01	0.00
15.56	136.57	166.75	172.86	15.56	0.0000	0.00	0.00
16.58	137.73	167.64	172.23	16.58	0.0085	0.01	0.00
17.58	137.93	164.82	172.49	17.58	0.0100	-0.01	0.00
18.58	139.10	170.63	172.85	18.58	0.0185	0.03	0.00
19.58	138.81	168.06	174.83	19.58	0.0164	0.01	0.01
20.58	137.21	169.46	172.51	20.58	0.0047	0.02	0.00
21.58	138.98	167.97	175.13	21.58	0.0177	0.01	0.02
22.58	137.81	165.87	172.15	22.58	0.0091	0.00	0.00
23.58	140.14	170.61	173.76	23.58	0.0261	0.03	0.01
24.58	138.66	166.61	173.09	24.58	0.0153	0.00	0.00
25.58	141.77	172.42	177.98	25.58	0.0381	0.04	0.03
26.58	142.61	171.95	180.28	26.58	0.0442	0.04	0.05
27.58	145.95	181.45	190.71	27.58	0.0687	0.09	0.11
28.56	152.19	184.39	196.95	28.56	0.1144	0.11	0.14
29.61	161.59	198.60	223.82	29.61	0.1832	0.20	0.30
30.56	169.44	207.22	234.97	30.56	0.2407	0.25	0.36
31.63	178.72	221.06	252.30	31.63	0.3086	0.33	0.46
32.63	192.41	236.54	276.53	32.63	0.4089	0.43	0.60
33.63	210.33	247.54	291.29	33.63	0.5401	0.49	0.69
34.63	212.39	259.56	303.72	34.63	0.5552	0.56	0.76
35.63	244.92	274.48	325.54	35.63	0.7934	0.65	0.89
36.63	249.58	285.93	345.78	36.63	0.8275	0.72	1.01
37.65	257.20	293.70	355.61	37.65	0.8833	0.77	1.06
38.65	265.09	304.15	372.38	38.65	0.9411	0.83	1.16
39.65	275.23	315.73	379.81	39.65	1.0153	0.90	1.20
Parameter							
a	151.089800	159.660600	220.085300				
b	2.521500	2.688400	2.563100				
x0	33.951000	33.527700	33.231600				
y0	136.568900	165.957200	172.377900				
R	0.997774	0.998378	0.998223				
$CP_{(SDM)}$	30.63	29.99	29.86				

Well/ Cycle	Raw fluorescence data D4	D5	D6	Well/ Cycle	D4	D5	D6
0.56	89.42	132.83	115.58	0.56	0.0124	0.03	0.01
1.56	88.87	132.34	118.35	1.56	0.0062	0.02	0.03
2.56	89.12	132.52	118.78	2.56	0.0090	0.02	0.03
3.56	90.99	135.29	117.24	3.56	0.0302	0.04	0.02
4.56	89.36	131.99	114.71	4.56	0.0117	0.02	0.00
5.56	90.93	131.76	116.21	5.56	0.0295	0.02	0.01
6.56	90.68	132.86	118.00	6.56	0.0267	0.03	0.03
7.56	90.82	133.35	115.95	7.56	0.0282	0.03	0.01
8.56	90.03	132.73	118.47	8.56	0.0193	0.02	0.03
9.56	89.42	131.25	116.46	9.56	0.0124	0.01	0.01
10.56	91.13	130.20	116.19	10.56	0.0317	0.01	0.01
11.56	89.04	129.94	117.48	11.56	0.0081	0.00	0.02
12.56	90.07	130.76	117.68	12.56	0.0197	0.01	0.02
13.56	90.89	132.54	115.93	13.56	0.0290	0.02	0.01
14.56	89.82	130.31	116.66	14.56	0.0169	0.01	0.02
15.56	88.60	129.04	117.10	15.56	0.0031	0.00	0.02
16.58	89.00	130.12	115.37	16.58	0.0076	0.00	0.00
17.58	89.23	130.75	115.06	17.58	0.0102	0.01	0.00
18.58	88.77	130.25	115.85	18.58	0.0050	0.01	0.01
19.58	88.16	129.95	114.26	19.58	-0.0019	0.00	-0.01
20.58	88.80	131.91	114.31	20.58	0.0054	0.02	-0.01
21.58	89.68	133.02	115.10	21.58	0.0153	0.03	0.00
22.58	90.83	129.16	115.98	22.58	0.0284	0.00	0.01
23.58	90.85	135.40	117.62	23.58	0.0286	0.05	0.02
24.58	94.67	136.50	120.88	24.58	0.0718	0.05	0.05
25.58	94.91	144.73	125.14	25.58	0.0745	0.12	0.09
26.58	101.98	158.13	134.30	26.58	0.1546	0.22	0.17
27.58	117.08	170.72	145.35	27.58	0.3255	0.32	0.27
28.56	135.57	200.09	170.21	28.56	0.5349	0.54	0.48
29.61	153.28	238.12	196.61	29.61	0.7354	0.84	0.71
30.56	178.38	288.54	232.29	30.56	1.0196	1.23	1.02
31.63	200.98	337.17	267.96	31.63	1.2754	1.60	1.33
32.63	222.84	382.22	301.34	32.63	1.5229	1.95	1.62
33.63	250.95	442.35	343.07	33.63	1.8412	2.42	1.99
34.63	267.97	483.61	374.59	34.63	2.0339	2.73	2.26
35.63	284.32	520.64	399.15	35.63	2.2190	3.02	2.47
36.63	301.25	553.62	423.02	36.63	2.4107	3.27	2.68
37.65	313.05	581.64	446.41	37.65	2.5443	3.49	2.89
38.65	328.24	615.28	459.04	38.65	2.7162	3.75	3.00
39.65	346.35	634.07	480.16	39.65	2.9213	3.90	3.18
Parameter							
a	259.448000	517.739900	370.682400				
b	2.489800	2.348700	2.318700				
x0	32.464100	32.744000	32.599900				
y0	88.325700	129.519200	114.901000				
R	0.998782	0.999383	0.999373				
$CP_{(SDM)}$	29.19	29.65	29.55				

Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.047220853	0.012389373	0.56	-0.039511392
1.56	-0.028256067	0.006162419	1.56	-0.016493409
2.56	-0.016027807	0.008992853	2.56	-0.002333132
3.56	8.05454E-06	0.030164493	3.56	-0.011431863
4.56	-0.006948141	0.011710069	4.56	0.008934834
5.56	-0.016027807	0.029485189	5.56	-0.005828009
6.56	0.001033178	0.026654756	6.56	0.00797073
7.56	0.00718392	0.028239799	7.56	0.009718168
8.56	0.014359785	0.01929563	8.56	0.0188169
9.56	0.008209043	0.012389373	9.56	0.004596366
10.56	0.011357637	0.031749536	10.56	0.016948948
11.56	0.005646234	0.008087114	11.56	0.005138674
12.56	0.02248755	0.019748499	12.56	0.016045101
13.56	-0.00387277	0.02903232	13.56	-0.000706206
14.56	0.01355433	0.016918066	14.56	0.006705343
15.56	8.05454E-06	0.003105551	15.56	0.004777135
16.58	0.008501936	0.007634245	16.58	0.010139964
17.58	0.009966398	0.010238243	17.58	-0.006852369
18.58	0.018533502	0.005030246	18.58	0.028156657
19.58	0.016410032	-0.001876011	19.58	0.012670737
20.58	0.004694334	0.005369898	20.58	0.021106647
21.58	0.017654825	0.015333023	21.58	0.012128428
22.58	0.009087721	0.028353016	22.58	-0.000525437
23.58	0.026148706	0.028579451	23.58	0.028036144
24.58	0.015311685	0.071828471	24.58	0.003933544
25.58	0.038084073	0.074545687	25.58	0.038942571
26.58	0.044234815	0.15459034	26.58	0.036110515
27.58	0.068691335	0.32554851	27.58	0.09335419
28.56	0.114382557	0.534887354	28.56	0.111069601
29.61	0.183212283	0.735395247	29.61	0.196694087
30.56	0.240692427	1.019570748	30.56	0.24863519
31.63	0.308643476	1.275441916	31.63	0.332030186
32.63	0.408885918	1.522935001	32.63	0.425307248
33.63	0.540101736	1.841188918	33.63	0.491589398
34.63	0.555185697	2.033884815	34.63	0.564017711
35.63	0.793380484	2.218995151	35.63	0.653920408
36.63	0.827502455	2.410672092	36.63	0.722914101
37.65	0.883298467	2.544268542	37.65	0.769733401
38.65	0.941071503	2.716245668	38.65	0.832701444
39.65	1.01531974	2.921282254	39.65	0.90247847

Experiment derived parameter	linear regression value
y0	-0.0138
a	0.2631
R	0.99372558

Experiment derived parameter	linear regression value
y0	0.0052
a	0.2098
R	0.9938927

VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence
0.025562233	0.56	-0.029748013	0.005909435
0.02177901	1.56	0.004015016	0.030017145
0.023168766	2.56	0.022636893	0.033759497
0.044555556	3.56	0.00273875	0.020356655
0.019076708	4.56	0.016893697	-0.001662301
0.01730091	5.56	0.006857608	0.011392416
0.025793859	6.56	0.02199876	0.026971045
0.029577082	7.56	0.009468151	0.009129599
0.024790147	8.56	0.017067733	0.031061523
0.01336327	9.56	0.01474725	0.013568202
0.005256364	10.56	0.020258397	0.011218353
0.003248939	11.56	-0.003758602	0.02244541
0.009580047	12.56	0.010628393	0.024186038
0.023323183	13.56	0.010512368	0.008955536
0.006105658	14.56	0.002854774	0.015308831
-0.003699838	15.56	0.002796762	0.019138215
0.004638694	16.58	-0.000857999	0.004081775
0.009502838	17.58	0.000650315	0.0013838
0.005642407	18.58	0.00273875	0.008259284
0.003326148	19.58	0.014225141	-0.005578716
0.018459039	20.58	0.00076634	-0.005143558
0.027029197	21.58	0.015965504	0.001731926
-0.002773334	22.58	-0.001322095	0.009390693
0.045404851	23.58	0.008017849	0.02366385
0.0538978	24.58	0.00413104	0.052036101
0.117440503	25.58	0.032498946	0.089111496
0.220900067	26.58	0.045841723	0.168832299
0.318105733	27.58	0.10634832	0.265002045
0.544867479	28.56	0.142547856	0.481362216
0.838491899	29.61	0.298426306	0.71112523
1.227777812	30.56	0.363109772	1.021653423
1.60324338	31.63	0.463644702	1.332094586
1.951068259	32.63	0.604207964	1.622605547
2.415323751	33.63	0.68983379	1.985787765
2.733886559	34.63	0.761942801	2.260110878
3.019790116	35.63	0.888525153	2.473860106
3.274424178	36.63	1.005941597	2.681604164
3.490762759	37.65	1.062967469	2.885170712
3.750492591	38.65	1.160253722	2.995091427
3.895567607	39.65	1.203356695	3.178901837

Experiment derived parameter	linear regression value
y0	-0.0063
a	0.3692
R	0.99274487

average	value
y0	-0.004966667
a	0.2807

Well/ Cycle	Raw fluorescence data D7	D8	D9	Well/ Cycle	D7	D8	D9
0.56	225.89	226.07	183.59	0.56	-0.0453	-0.03	-0.04
1.56	234.51	230.34	186.41	1.56	-0.0089	-0.01	-0.03
2.56	238.37	239.26	190.43	2.56	0.0074	0.02	0.00
3.56	236.82	234.46	188.54	3.56	0.0009	0.00	-0.01
4.56	243.07	236.06	193.36	4.56	0.0273	0.01	0.01
5.56	239.87	235.25	191.98	5.56	0.0138	0.01	0.00
6.56	239.65	241.00	193.13	6.56	0.0128	0.03	0.01
7.56	237.17	236.74	193.63	7.56	0.0024	0.01	0.01
8.56	241.81	237.42	196.53	8.56	0.0220	0.02	0.03
9.56	240.76	236.41	190.68	9.56	0.0175	0.01	0.00
10.56	237.51	237.90	192.16	10.56	0.0038	0.02	0.00
11.56	236.44	233.28	192.30	11.56	-0.0007	0.00	0.01
12.56	234.93	237.02	194.01	12.56	-0.0071	0.01	0.01
13.56	235.44	234.39	190.47	13.56	-0.0049	0.00	0.00
14.56	240.59	242.30	196.10	14.56	0.0168	0.04	0.03
15.56	236.41	235.80	192.10	15.56	-0.0008	0.01	0.00
16.58	239.27	235.17	191.76	16.58	0.0112	0.01	0.00
17.58	238.13	235.80	194.26	17.58	0.0064	0.01	0.02
18.58	237.68	236.22	197.29	18.58	0.0045	0.01	0.03
19.58	238.06	235.05	192.13	19.58	0.0061	0.01	0.00
20.58	238.61	230.35	191.43	20.58	0.0085	-0.01	0.00
21.58	239.83	231.07	193.21	21.58	0.0136	-0.01	0.01
22.58	237.02	228.92	194.62	22.58	0.0017	-0.02	0.02
23.58	239.52	234.22	193.93	23.58	0.0123	0.00	0.01
24.58	239.84	230.05	194.38	24.58	0.0137	-0.02	0.02
25.58	246.26	238.06	199.83	25.58	0.0408	0.02	0.04
26.58	248.10	237.21	198.32	26.58	0.0486	0.02	0.04
27.58	252.71	253.67	208.14	27.58	0.0680	0.09	0.09
28.56	261.36	255.46	212.81	28.56	0.1046	0.09	0.11
29.61	277.45	275.13	230.39	29.61	0.1726	0.18	0.20
30.56	288.78	292.80	237.77	30.56	0.2205	0.25	0.24
31.63	300.33	310.05	251.25	31.63	0.2693	0.33	0.31
32.63	315.91	333.44	266.61	32.63	0.3351	0.43	0.39
33.63	324.10	345.74	283.38	33.63	0.3698	0.48	0.48
34.63	336.53	363.86	296.61	34.63	0.4223	0.56	0.55
35.63	348.71	389.24	314.95	35.63	0.4738	0.67	0.65
36.63	366.70	406.29	329.43	36.63	0.5498	0.74	0.72
37.65	374.11	418.76	345.42	37.65	0.5811	0.79	0.81
38.65	391.67	443.42	355.96	38.65	0.6553	0.90	0.86
39.65	399.58	458.60	366.15	39.65	0.6888	0.96	0.91

Parameter			
a	182.901700	243.151300	197.443200
b	3.044000	2.659200	2.833300
x0	33.835400	34.016500	34.088600
y0	236.610200	233.667700	191.307000
R	0.997165	0.996890	0.998542

$CP_{(SDM)}$	29.83	30.51	30.36

Well/ Cycle	Raw fluorescence data D7	D8	D9	Well/ Cycle	D7	D8	D9
0.56	111.95	111.23	100.10	0.56	-0.0068	0.01	-0.01
1.56	112.95	113.70	104.72	1.56	0.0021	0.03	0.03
2.56	114.32	112.04	101.52	2.56	0.0142	0.02	0.00
3.56	116.45	112.96	104.12	3.56	0.0331	0.02	0.03
4.56	112.93	112.70	103.34	4.56	0.0019	0.02	0.02
5.56	114.42	115.36	102.30	5.56	0.0151	0.05	0.01
6.56	111.88	115.07	102.97	6.56	-0.0074	0.04	0.02
7.56	114.25	114.87	102.98	7.56	0.0136	0.04	0.02
8.56	114.63	113.40	103.48	8.56	0.0170	0.03	0.02
9.56	115.12	114.07	104.03	9.56	0.0213	0.03	0.03
10.56	114.93	111.77	103.67	10.56	0.0196	0.01	0.02
11.56	115.98	112.58	104.10	11.56	0.0289	0.02	0.03
12.56	115.53	112.70	103.18	12.56	0.0249	0.02	0.02
13.56	114.56	112.84	102.94	13.56	0.0163	0.02	0.02
14.56	112.69	111.62	103.21	14.56	-0.0003	0.01	0.02
15.56	113.90	112.97	102.21	15.56	0.0105	0.02	0.01
16.58	116.05	111.21	101.86	16.58	0.0296	0.01	0.01
17.58	114.89	112.50	102.79	17.58	0.0193	0.02	0.02
18.58	116.11	110.02	102.78	18.58	0.0301	0.00	0.02
19.58	114.12	107.88	101.21	19.58	0.0124	-0.02	0.00
20.58	115.83	111.37	101.37	20.58	0.0276	0.01	0.00
21.58	114.51	109.26	102.65	21.58	0.0159	-0.01	0.01
22.58	118.46	111.24	102.68	22.58	0.0509	0.01	0.01
23.58	119.67	112.65	104.29	23.58	0.0617	0.02	0.03
24.58	122.65	116.51	106.31	24.58	0.0881	0.06	0.05
25.58	128.85	120.53	111.72	25.58	0.1431	0.09	0.10
26.58	140.67	134.71	121.02	26.58	0.2480	0.22	0.20
27.58	152.94	147.78	133.88	27.58	0.3568	0.34	0.32
28.56	177.11	176.93	159.40	28.56	0.5713	0.60	0.57
29.61	203.92	211.27	184.75	29.61	0.8091	0.91	0.83
30.56	233.49	260.67	222.26	30.56	1.0714	1.36	1.20
31.63	263.50	305.79	260.15	31.63	1.3377	1.77	1.57
32.63	288.75	345.64	294.68	32.63	1.5617	2.13	1.91
33.63	322.76	400.63	332.94	33.63	1.8634	2.63	2.29
34.63	350.26	431.09	365.84	34.63	2.1074	2.91	2.61
35.63	367.06	466.07	388.81	35.63	2.2564	3.22	2.84
36.63	390.09	499.44	412.98	36.63	2.4607	3.53	3.08
37.65	412.17	529.33	431.33	37.65	2.6566	3.80	3.26
38.65	433.18	542.28	454.01	38.65	2.8430	3.91	3.49
39.65	448.73	564.97	466.62	39.65	2.9810	4.12	3.61

Parameter			
a	349.345500	461.967300	371.601300
b	2.680500	2.283700	2.308900
x0	32.586700	32.540200	32.481900
y0	112.718700	110.348500	101.223400
R	0.999158	0.999234	0.999359

$CP_{(SDM)}$	29.06	29.53	29.44

D7			D8	
Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.04530743	-0.006819632	0.56	-0.032514977
1.56	-0.008876202	0.002052011	1.56	-0.014241164
2.56	0.007437549	0.014206161	2.56	0.023932704
3.56	0.00088669	0.033102759	3.56	0.003390713
4.56	0.027301443	0.001874578	4.56	0.010238043
5.56	0.01377709	0.015093325	5.56	0.006771582
6.56	0.012847291	-0.007440646	6.56	0.031379176
7.56	0.002365917	0.013585146	7.56	0.013148159
8.56	0.021976229	0.01695637	8.56	0.016058274
9.56	0.017538551	0.021303475	9.56	0.011735897
10.56	0.003802879	0.019617863	10.56	0.018112473
11.56	-0.000719327	0.028933087	11.56	-0.001659194
12.56	-0.007101131	0.024940848	12.56	0.014346442
13.56	-0.004945687	0.016335355	13.56	0.003091142
14.56	0.016820069	-0.000254616	14.56	0.036942633
15.56	-0.000846117	0.010480071	15.56	0.009125352
16.58	0.011241274	0.029554102	16.58	0.006429216
17.58	0.006423223	0.019262997	17.58	0.009125352
18.58	0.00452136	0.030086401	18.58	0.010922776
19.58	0.006127377	0.012431833	19.58	0.005915666
20.58	0.008451876	0.027602341	20.58	-0.014198368
21.58	0.013608035	0.015891773	21.58	-0.011117069
22.58	0.001731963	0.050934761	22.58	-0.02031817
23.58	0.012297864	0.061669448	23.58	0.002363613
24.58	0.013650299	0.088106942	24.58	-0.015482243
25.58	0.040783533	0.143111125	25.58	0.018797206
26.58	0.048560037	0.247973939	26.58	0.015159562
27.58	0.068043559	0.356828991	27.58	0.085601476
28.56	0.104601577	0.571256588	28.56	0.093261927
29.61	0.172603717	0.809105321	29.61	0.177441298
30.56	0.220488381	1.071439788	30.56	0.253061506
31.63	0.269302845	1.337677777	31.63	0.326884289
32.63	0.335149541	1.561686748	32.63	0.426983704
33.63	0.369763434	1.863411306	33.63	0.479622558
34.63	0.422297095	2.107381473	34.63	0.557168577
35.63	0.473774165	2.256425065	35.63	0.66578436
36.63	0.54980639	2.46073899	36.63	0.738751227
37.65	0.581123722	2.656624855	37.65	0.79211761
38.65	0.655338612	2.843018062	38.65	0.897652093
39.65	0.688769123	2.980972101	39.65	0.962616142

Experiment derived parameter	linear regression value
y0	-0.0093
a	0.2155
R	0.99768911

Experiment derived parameter	linear regression value
y0	-0.0126
a	0.1997
R	0.99265544

	D9		
VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence
0.007988328	0.56	-0.040338304	-0.011098224
0.030371958	1.56	-0.0255976	0.034543396
0.015328709	2.56	-0.004584255	0.002930153
0.023665931	3.56	-0.014463663	0.028615913
0.02130976	4.56	0.010731442	0.020910185
0.045415207	5.56	0.003517906	0.010635881
0.04278717	6.56	0.009529186	0.017254904
0.04097473	7.56	0.012142786	0.017353695
0.027653298	8.56	0.027301667	0.022293264
0.033724971	9.56	-0.003277455	0.02772679
0.012881915	10.56	0.004458802	0.024170301
0.020222296	11.56	0.00519061	0.02841833
0.02130976	12.56	0.014129122	0.019329523
0.022578467	13.56	-0.004375167	0.016958529
0.011522585	14.56	0.025053971	0.019625897
0.023756553	15.56	0.00414517	0.009746758
0.007807084	16.58	0.002367922	0.00628906
0.01949732	17.58	0.015435922	0.015476659
-0.002976932	18.58	0.031274339	0.015377867
-0.022370037	19.58	0.004301986	-0.00013238
0.009257036	20.58	0.000642946	0.001448282
-0.009864203	21.58	0.009947362	0.014093579
0.00807895	22.58	0.017317714	0.014389953
0.02085665	23.58	0.013710946	0.030295366
0.055836735	24.58	0.016063186	0.050251226
0.092266773	25.58	0.044551428	0.103697366
0.220768746	26.58	0.036658355	0.195573356
0.339211679	27.58	0.087989462	0.322619078
0.603374763	28.56	0.112400487	0.574734696
0.914570656	29.61	0.204294668	0.82517086
1.362243257	30.56	0.242871406	1.195737349
1.771129648	31.63	0.313334065	1.570057912
2.132258255	32.63	0.393623861	1.911184568
2.630588544	33.63	0.481284009	2.289160412
2.906623108	34.63	0.550439869	2.614184072
3.223618808	35.63	0.646306722	2.841107886
3.526024368	36.63	0.721996581	3.079886667
3.796893478	37.65	0.805579514	3.26116886
3.914248948	38.65	0.860674204	3.485227724
4.119870229	39.65	0.913939375	3.609803662

Experiment derived parameter	linear regression value
y0	0.0121
a	0.1981
R	0.99242474

	value
y0	-0.003266667
a	0.204433333

Well/ Cycle	Raw fluorescence data		
	E2	E3	E4
0.56	165.26	174.18	167.18
1.56	172.18	178.01	169.74
2.56	175.10	179.49	171.92
3.56	172.52	181.59	172.00
4.56	176.30	182.00	173.00
5.56	174.99	179.64	170.59
6.56	176.74	183.15	173.00
7.56	175.02	183.56	174.99
8.56	175.77	182.35	175.35
9.56	173.53	182.22	176.71
10.56	176.95	185.04	177.27
11.56	174.70	182.55	174.44
12.56	176.69	185.48	174.97
13.56	176.94	184.48	174.18
14.56	176.09	184.18	175.68
15.56	173.37	180.65	174.39
16.58	175.81	184.24	176.09
17.58	174.20	182.32	175.83
18.58	175.97	185.38	177.39
19.58	173.70	183.37	176.01
20.58	173.58	179.50	173.94
21.58	173.73	183.74	177.93
22.58	170.09	181.22	175.36
23.58	176.10	182.82	178.35
24.58	175.10	183.76	174.47
25.58	177.30	186.99	177.80
26.58	178.29	185.08	177.76
27.58	186.40	192.26	183.39
28.56	188.48	192.41	183.91
29.61	202.29	203.31	194.22
30.56	210.27	212.04	197.17
31.63	221.79	218.62	202.67
32.63	235.80	237.33	214.64
33.63	245.01	244.29	221.36
34.63	253.40	254.55	228.34
35.63	270.23	266.31	241.63
36.63	280.91	274.86	249.16
37.65	286.76	287.37	254.77
38.65	301.78	298.16	263.88
39.65	308.24	304.75	275.46
a	146.345300	136.996900	120.808000
b	2.697000	2.699200	3.094900
x0	33.795000	34.190900	35.049400
y0	173.653200	181.556400	173.703500
R	0.997336	0.997354	0.996683
$CP_{(SDM)}$	30.24	30.64	30.97

Well/ Cycle	E2	E3	E4
0.56	-0.0483	-0.04	-0.04
1.56	-0.0085	-0.02	-0.02
2.56	0.0083	-0.01	-0.01
3.56	-0.0065	0.00	-0.01
4.56	0.0152	0.00	0.00
5.56	0.0077	-0.01	-0.02
6.56	0.0178	0.01	0.00
7.56	0.0079	0.01	0.01
8.56	0.0122	0.00	0.01
9.56	-0.0007	0.00	0.02
10.56	0.0190	0.02	0.02
11.56	0.0060	0.01	0.00
12.56	0.0175	0.02	0.01
13.56	0.0189	0.02	0.00
14.56	0.0140	0.01	0.01
15.56	-0.0016	0.00	0.00
16.58	0.0124	0.01	0.01
17.58	0.0031	0.00	0.01
18.58	0.0133	0.02	0.02
19.58	0.0003	0.01	0.01
20.58	-0.0004	-0.01	0.00
21.58	0.0004	0.01	0.02
22.58	-0.0205	0.00	0.01
23.58	0.0141	0.01	0.03
24.58	0.0083	0.01	0.00
25.58	0.0210	0.03	0.02
26.58	0.0267	0.02	0.02
27.58	0.0734	0.06	0.06
28.56	0.0854	0.06	0.06
29.61	0.1649	0.12	0.12
30.56	0.2109	0.17	0.14
31.63	0.2772	0.20	0.17
32.63	0.3579	0.31	0.24
33.63	0.4109	0.35	0.27
34.63	0.4592	0.40	0.31
35.63	0.5561	0.47	0.39
36.63	0.6176	0.51	0.43
37.65	0.6513	0.58	0.47
38.65	0.7378	0.64	0.52
39.65	0.7750	0.68	0.59

Well/ Cycle	Raw fluorescence data E2	E3	E4	Well/ Cycle	E2	E3	E4
0.56	84.95	90.20	105.44	0.56	-0.0066	-0.03	0.00
1.56	85.60	92.42	106.52	1.56	0.0010	0.00	0.01
2.56	86.36	92.63	105.15	2.56	0.0099	0.00	0.00
3.56	86.88	91.43	105.57	3.56	0.0159	-0.01	0.00
4.56	86.59	93.04	105.32	4.56	0.0126	0.00	0.00
5.56	87.19	94.87	107.99	5.56	0.0196	0.02	0.02
6.56	87.21	93.49	105.87	6.56	0.0198	0.01	0.00
7.56	86.23	93.83	105.77	7.56	0.0083	0.01	0.00
8.56	85.89	93.66	106.24	8.56	0.0044	0.01	0.01
9.56	86.04	94.49	105.75	9.56	0.0061	0.02	0.00
10.56	87.05	92.63	106.48	10.56	0.0179	0.00	0.01
11.56	87.40	93.97	106.91	11.56	0.0220	0.01	0.01
12.56	87.36	95.55	106.72	12.56	0.0216	0.03	0.01
13.56	87.30	94.70	107.58	13.56	0.0209	0.02	0.02
14.56	87.41	93.49	108.60	14.56	0.0221	0.01	0.03
15.56	87.68	94.10	107.33	15.56	0.0253	0.02	0.02
16.58	85.77	92.76	107.75	16.58	0.0030	0.00	0.02
17.58	87.71	92.94	108.40	17.58	0.0256	0.00	0.03
18.58	86.05	93.66	108.01	18.58	0.0062	0.01	0.02
19.58	87.28	94.59	109.45	19.58	0.0206	0.02	0.04
20.58	86.59	95.42	108.35	20.58	0.0126	0.03	0.03
21.58	86.90	96.57	109.35	21.58	0.0162	0.04	0.04
22.58	88.18	95.80	109.57	22.58	0.0311	0.03	0.04
23.58	89.88	97.23	112.09	23.58	0.0510	0.05	0.06
24.58	92.56	99.26	115.64	24.58	0.0824	0.07	0.10
25.58	97.58	101.97	119.63	25.58	0.1411	0.10	0.13
26.58	106.98	111.92	131.35	26.58	0.2510	0.21	0.24
27.58	119.15	120.98	143.49	27.58	0.3933	0.31	0.36
28.56	141.93	142.42	171.93	28.56	0.6597	0.54	0.63
29.61	166.64	166.32	201.71	29.61	0.9486	0.80	0.91
30.56	196.83	196.89	243.97	30.56	1.3017	1.13	1.31
31.63	220.23	226.45	278.01	31.63	1.5753	1.45	1.63
32.63	244.53	254.02	315.69	32.63	1.8594	1.74	1.99
33.63	275.81	286.85	357.37	33.63	2.2252	2.10	2.39
34.63	297.90	313.34	384.89	34.63	2.4835	2.38	2.65
35.63	312.03	328.82	410.99	35.63	2.6488	2.55	2.89
36.63	327.39	347.98	434.69	36.63	2.8284	2.76	3.12
37.65	339.04	359.37	448.76	37.65	2.9646	2.88	3.25
38.65	349.66	374.70	473.53	38.65	3.0888	3.05	3.49
39.65	362.58	386.27	488.78	39.65	3.2399	3.17	3.63
Parameter							
a	277.385900	296.198200	387.529200				
b	2.330700	2.277900	2.358600				
x0	31.825800	32.189500	32.256500				
y0	85.516700	92.608200	105.520200				
R	0.999374	0.999502	0.999389				
$CP_{(SDM)}$	28.76	29.19	29.15				

E2			E3	
Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.048333115	-0.006626776	0.56	-0.040628697
1.56	-0.008483575	0.000974079	1.56	-0.019533324
2.56	0.008331548	0.009861232	2.56	-0.011381587
3.56	-0.00652565	0.015941915	3.56	0.000185066
4.56	0.015241873	0.012550765	4.56	0.002443318
5.56	0.007698102	0.019566938	5.56	-0.010555398
6.56	0.017775659	0.019800811	6.56	0.008777438
7.56	0.00787086	0.008341061	7.56	0.011035689
8.56	0.012189813	0.004365229	8.56	0.004371094
9.56	-0.00070946	0.006119273	9.56	0.003655063
10.56	0.018984965	0.017929831	10.56	0.019187426
11.56	0.006028107	0.022022599	11.56	0.00547268
12.56	0.017487728	0.021554854	12.56	0.021610915
13.56	0.018927379	0.020853237	13.56	0.016102985
14.56	0.014032566	0.022139535	14.56	0.014450606
15.56	-0.001630837	0.025296813	15.56	-0.004992388
16.58	0.012420157	0.002961995	16.58	0.014781082
17.58	0.003148805	0.025647622	17.58	0.004205856
18.58	0.013341534	0.006236209	18.58	0.021060122
19.58	0.000269503	0.020619364	19.58	0.009989182
20.58	-0.00042153	0.012550765	20.58	-0.011326508
21.58	0.000442261	0.016175788	21.58	0.012027117
22.58	-0.020519058	0.031143625	22.58	-0.001852868
23.58	0.014090152	0.051022783	23.58	0.006959821
24.58	0.008331548	0.082361691	24.58	0.012137275
25.58	0.021000477	0.141063675	25.58	0.02992789
26.58	0.026701495	0.250983726	26.58	0.019407743
27.58	0.073403773	0.393295111	27.58	0.058954683
28.56	0.085381669	0.659675829	28.56	0.059780873
29.61	0.164907989	0.948625239	29.61	0.119817313
30.56	0.210861648	1.3016557	30.56	0.167901545
31.63	0.277200766	1.575286465	31.63	0.204143726
32.63	0.357878807	1.859441489	32.63	0.307197102
33.63	0.410915549	2.225217998	33.63	0.345532297
34.63	0.459230236	2.483530118	34.63	0.402043662
35.63	0.55614754	2.648761002	35.63	0.466816923
36.63	0.61764943	2.828375043	36.63	0.513909727
37.65	0.651337263	2.964605744	37.65	0.582813936
38.65	0.737831494	3.088792014	38.65	0.642244504
39.65	0.775032075	3.239873615	39.65	0.678541764

Experiment derived parameter	linear regression value
y0	-0.0147
a	0.1807
R	0.99006553

Experiment derived parameter	linear regression value
y0	-0.0026
a	0.1461
R	0.9859991

	E4		
VIC Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	VIC Normalized Fluorescence
-0.026004177	0.56	-0.037555375	-0.000760044
-0.002032217	1.56	-0.022817617	0.009474963
0.0002354	2.56	-0.010267496	-0.003508333
-0.012722416	3.56	-0.009806941	0.000471948
0.004662654	4.56	-0.004050005	-0.001897267
0.024423323	5.56	-0.017924221	0.023405945
0.009521835	6.56	-0.004050005	0.003315005
0.013193216	7.56	0.007406299	0.002367319
0.011357526	8.56	0.009478796	0.006821443
0.020320015	9.56	0.017308229	0.002177782
0.0002354	10.56	0.020532114	0.009095889
0.014704961	11.56	0.004239984	0.013170938
0.031766086	12.56	0.00729116	0.011370335
0.022587633	13.56	0.00274318	0.019520433
0.009521835	14.56	0.011378585	0.029186829
0.016108725	15.56	0.003952137	0.017151218
0.001639164	16.58	0.013738929	0.021131499
0.003582836	17.58	0.012242125	0.027291457
0.011357526	18.58	0.021222946	0.023595482
0.021399833	19.58	0.013278374	0.037242158
0.030362322	20.58	0.001361515	0.026817614
0.042780229	21.58	0.024331692	0.036294473
0.03446563	22.58	0.009536365	0.038379381
0.049907028	23.58	0.026749605	0.062261065
0.071827333	24.58	0.004412692	0.095903912
0.1010904	25.58	0.02358329	0.133716577
0.20853229	26.58	0.023353012	0.244785359
0.306363799	27.58	0.055764564	0.35983442
0.537876775	28.56	0.058758171	0.629356275
0.795953274	29.61	0.118112185	0.91157712
1.126053632	30.56	0.135095148	1.312069158
1.445247829	31.63	0.166758298	1.63466142
1.742953648	32.63	0.235668826	1.991749447
2.097457892	33.63	0.274355439	2.386744908
2.383501677	34.63	0.314538855	2.647548052
2.550657501	35.63	0.39104854	2.894894058
2.757550627	36.63	0.434398271	3.119495604
2.880541896	37.65	0.466694684	3.252835002
3.046077993	38.65	0.519140374	3.487576786
3.171012934	39.65	0.585805698	3.632098878

Experiment derived parameter	linear regression value
y0	0.0092
a	0.0987
R	0.97456685

AVERAGE	value
y0	-0.0027
a	0.141833333

Well/ Cycle	Raw fluorescence data E5	E6	E7	Well/ Cycle	E5	E6	E7
0.56	185.08	193.07	211.09	0.56	-0.0363	-0.04	-0.03
1.56	190.20	196.16	213.70	1.56	-0.0096	-0.02	-0.02
2.56	191.13	199.41	219.49	2.56	-0.0048	-0.01	0.01
3.56	190.14	198.09	216.04	3.56	-0.0099	-0.01	0.00
4.56	194.32	200.10	219.81	4.56	0.0118	0.00	0.01
5.56	193.15	195.97	219.84	5.56	0.0057	-0.02	0.01
6.56	192.13	201.74	219.24	6.56	0.0004	0.00	0.01
7.56	191.04	200.88	217.43	7.56	-0.0052	0.00	0.00
8.56	192.92	203.18	217.20	8.56	0.0046	0.01	0.00
9.56	192.75	200.93	215.34	9.56	0.0037	0.00	-0.01
10.56	192.12	204.64	220.22	10.56	0.0004	0.02	0.01
11.56	193.93	202.72	216.40	11.56	0.0098	0.01	0.00
12.56	195.51	203.88	215.05	12.56	0.0180	0.01	-0.01
13.56	190.86	199.74	219.65	13.56	-0.0062	-0.01	0.01
14.56	193.82	201.16	219.15	14.56	0.0092	0.00	0.01
15.56	192.52	201.21	218.99	15.56	0.0025	0.00	0.01
16.58	194.31	206.65	218.19	16.58	0.0118	0.03	0.01
17.58	191.90	203.92	215.28	17.58	-0.0008	0.01	-0.01
18.58	192.90	205.62	218.20	18.58	0.0044	0.02	0.01
19.58	194.29	205.03	219.21	19.58	0.0117	0.02	0.01
20.58	193.33	199.23	213.79	20.58	0.0067	-0.01	-0.02
21.58	195.08	205.93	220.14	21.58	0.0158	0.02	0.01
22.58	191.41	200.02	214.46	22.58	-0.0033	0.00	-0.01
23.58	193.68	200.48	218.31	23.58	0.0085	0.00	0.01
24.58	194.37	202.04	216.78	24.58	0.0121	0.01	0.00
25.58	193.72	204.60	224.53	25.58	0.0087	0.02	0.03
26.58	193.15	202.50	218.40	26.58	0.0057	0.01	0.01
27.58	196.96	205.68	225.72	27.58	0.0256	0.02	0.04
28.56	196.41	206.18	222.70	28.56	0.0227	0.03	0.03
29.61	197.63	214.07	232.14	29.61	0.0291	0.07	0.07
30.56	197.37	214.73	233.73	30.56	0.0277	0.07	0.08
31.63	200.16	216.06	239.54	31.63	0.0423	0.08	0.10
32.63	205.21	226.00	248.35	32.63	0.0685	0.12	0.14
33.63	205.44	229.69	255.68	33.63	0.0697	0.14	0.18
34.63	208.58	235.80	258.39	34.63	0.0861	0.17	0.19
35.63	214.48	243.72	267.89	35.63	0.1168	0.21	0.23
36.63	217.09	254.31	275.44	36.63	0.1304	0.27	0.27
37.65	221.27	258.58	281.49	37.65	0.1522	0.29	0.30
38.65	226.15	267.06	289.00	38.65	0.1776	0.33	0.33
39.65	234.73	270.26	292.79	39.65	0.2223	0.34	0.35

Parameter			
a	134.083800	88.231000	88.465500
b	4.369000	2.909300	2.854600
x0	43.108700	35.687900	34.670500
y0	192.045900	200.981800	217.047300
R	0.986443	0.990521	0.994262

$CP_{(SDM)}$	37.35	31.86	30.91

Well/ Cycle	Raw fluorescence data E5	E6	E7
0.56	118.55	112.65	103.62
1.56	116.56	115.68	101.83
2.56	114.14	116.30	102.35
3.56	115.77	116.34	102.39
4.56	116.41	115.87	102.48
5.56	117.67	114.82	103.20
6.56	120.17	115.27	103.84
7.56	117.97	117.56	104.38
8.56	118.14	117.17	104.43
9.56	117.39	117.28	104.09
10.56	120.86	118.13	103.55
11.56	119.92	117.84	104.01
12.56	119.78	118.94	104.01
13.56	120.52	117.05	103.18
14.56	119.90	119.36	103.99
15.56	119.68	119.10	104.92
16.58	120.47	118.07	104.71
17.58	121.71	119.14	104.91
18.58	120.67	117.15	104.49
19.58	120.93	116.21	104.18
20.58	122.92	120.21	105.30
21.58	124.38	118.55	105.83
22.58	123.62	120.24	106.91
23.58	126.80	120.15	108.37
24.58	133.06	124.12	110.75
25.58	136.82	132.64	116.55
26.58	150.13	146.71	128.00
27.58	167.40	165.49	143.20
28.56	199.20	198.96	172.06
29.61	238.57	240.27	204.21
30.56	293.66	288.51	246.78
31.63	340.11	335.18	288.48
32.63	383.91	380.86	325.77
33.63	440.57	440.99	372.60
34.63	478.53	472.62	405.43
35.63	518.12	500.80	423.17
36.63	536.71	527.61	452.10
37.65	558.69	552.13	469.96
38.65	582.22	565.58	486.82
39.65	595.76	584.24	504.11
Parameter			
a	485.580000	471.534000	403.567700
b	2.264800	2.222500	2.264800
x0	32.119000	31.990900	32.114000
y0	117.906200	115.520700	102.440900
R	0.999647	0.999564	0.999487
$CP_{(SDM)}$	29.14	29.06	29.13

Well/ Cycle	E5	E6	E7
0.56	0.0055	-0.02	0.01
1.56	-0.0114	0.00	-0.01
2.56	-0.0319	0.01	0.00
3.56	-0.0181	0.01	0.00
4.56	-0.0127	0.00	0.00
5.56	-0.0020	-0.01	0.01
6.56	0.0192	0.00	0.01
7.56	0.0005	0.02	0.02
8.56	0.0020	0.01	0.02
9.56	-0.0044	0.02	0.02
10.56	0.0251	0.02	0.01
11.56	0.0171	0.02	0.02
12.56	0.0159	0.03	0.02
13.56	0.0222	0.01	0.01
14.56	0.0169	0.03	0.02
15.56	0.0150	0.03	0.02
16.58	0.0217	0.02	0.02
17.58	0.0323	0.03	0.02
18.58	0.0234	0.01	0.02
19.58	0.0256	0.01	0.02
20.58	0.0425	0.04	0.03
21.58	0.0549	0.03	0.03
22.58	0.0485	0.04	0.04
23.58	0.0754	0.04	0.06
24.58	0.1285	0.07	0.08
25.58	0.1604	0.15	0.14
26.58	0.2733	0.27	0.25
27.58	0.4198	0.43	0.40
28.56	0.6895	0.72	0.68
29.61	1.0234	1.08	0.99
30.56	1.4906	1.50	1.41
31.63	1.8846	1.90	1.82
32.63	2.2561	2.30	2.18
33.63	2.7366	2.82	2.64
34.63	3.0586	3.09	2.96
35.63	3.3943	3.34	3.13
36.63	3.5520	3.57	3.41
37.65	3.7384	3.78	3.59
38.65	3.9380	3.90	3.75
39.65	4.0528	4.06	3.92

E5			E6	
Well/ Cycle	FAM Normalized Fluorescence	HEX Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence
0.56	-0.036272058	0.005460273	0.56	-0.039365754
1.56	-0.009611765	-0.011417551	1.56	-0.023991227
2.56	-0.004769172	-0.031942341	2.56	-0.007820609
3.56	-0.00992419	-0.018117792	3.56	-0.014388368
4.56	0.01184144	-0.012689748	4.56	-0.004387462
5.56	0.005749146	-0.002003287	5.56	-0.024936586
6.56	0.000437916	0.019200008	6.56	0.003772481
7.56	-0.00523781	0.000541108	7.56	-0.000506514
8.56	0.004551516	0.001982932	8.56	0.010937309
9.56	0.003666311	-0.004378056	9.56	-0.000257735
10.56	0.000385845	0.025052118	10.56	0.018201648
11.56	0.009810675	0.017079679	11.56	0.008648544
12.56	0.018037875	0.015892294	12.56	0.014420211
13.56	-0.006175086	0.02216847	13.56	-0.006178669
14.56	0.009237896	0.016910052	14.56	0.000886647
15.56	0.002468681	0.015044162	15.56	0.001135426
16.58	0.011789369	0.021744404	16.58	0.028202554
17.58	-0.000759714	0.032261238	17.58	0.014619234
18.58	0.004447374	0.023440667	18.58	0.023077712
19.58	0.011685227	0.02564581	19.58	0.020142122
20.58	0.006686422	0.042523633	20.58	-0.008716212
21.58	0.015798827	0.054906358	21.58	0.02462014
22.58	-0.003311188	0.048460556	22.58	-0.004785508
23.58	0.008508903	0.075431148	23.58	-0.002496743
24.58	0.012101794	0.1285242	24.58	0.005265153
25.58	0.008717187	0.160413956	25.58	0.018002625
26.58	0.005749146	0.273300301	26.58	0.007553918
27.58	0.025588154	0.419772667	27.58	0.023376246
28.56	0.022724255	0.689478586	28.56	0.025864033
29.61	0.029076903	1.023388083	29.61	0.065121319
30.56	0.02772306	1.490623903	30.56	0.068405199
31.63	0.042250837	1.884581133	31.63	0.075022713
32.63	0.068546634	2.25606287	32.63	0.124479928
33.63	0.069744264	2.73661436	33.63	0.142839799
34.63	0.086094522	3.058565198	34.63	0.173240562
35.63	0.116816344	3.394340586	35.63	0.212647115
36.63	0.130406845	3.552008291	36.63	0.265338454
37.65	0.152172475	3.738427665	37.65	0.286584158
38.65	0.177583067	3.937993083	38.65	0.328777034
39.65	0.222259887	4.052830131	39.65	0.344698873

Experiment derived linear regression	
parameter	value
y0	0.0179
a	0.0105
R	0.82758174

Experiment derived linear regression	
parameter	value
y0	0.0078
a	0.0388
R	0.91826165

		E7	
HEX Normalized Fluorescence	Well/ Cycle	FAM Normalized Fluorescence	HEX Normalized Fluorescence
-0.024850092	0.56	-0.027447013	0.011510051
0.001378974	1.56	-0.015421984	-0.005963438
0.006745977	2.56	0.011254229	-0.000887341
0.007092235	3.56	-0.004640924	-0.000496872
0.003023701	4.56	0.012728562	0.000381683
-0.00606558	5.56	0.012866781	0.007410126
-0.002170174	6.56	0.010102406	0.013657631
0.017653113	7.56	0.00176321	0.018928963
0.014277095	8.56	0.000703533	0.019417049
0.015229305	9.56	-0.007866027	0.016098062
0.022587294	10.56	0.014617551	0.01082673
0.020076921	11.56	-0.002982299	0.015317124
0.029599024	12.56	-0.009202142	0.015317124
0.01323832	13.56	0.011991395	0.007214892
0.033234736	14.56	0.00968775	0.01512189
0.030984057	15.56	0.008950584	0.024200295
0.022067906	16.58	0.005264751	0.022150333
0.031330316	17.58	-0.008142465	0.024102678
0.014103966	18.58	0.005310824	0.020002753
0.005966896	19.58	0.009964188	0.016976618
0.040592725	20.58	-0.015007328	0.027909751
0.026223006	21.58	0.014248968	0.033083466
0.040852419	22.58	-0.011920443	0.04362613
0.040073338	23.58	0.005817626	0.05787825
0.074439473	24.58	-0.001231529	0.081111158
0.148192488	25.58	0.034474974	0.137729169
0.269988842	26.58	0.006232282	0.249500932
0.432557109	27.58	0.03995765	0.397879167
0.722288733	28.56	0.026043632	0.679602581
1.079886981	29.61	0.069536456	0.993442072
1.497474479	30.56	0.076862048	1.40899875
1.901471338	31.63	0.103630407	1.816062725
2.296898305	32.63	0.144220638	2.180077489
2.817411079	33.63	0.177992078	2.637219119
3.091214821	34.63	0.190477836	2.957696584
3.335153786	35.63	0.234247097	3.130869604
3.567233405	36.63	0.269032142	3.413276338
3.779489736	37.65	0.29690625	3.587620765
3.895919086	38.65	0.331507003	3.752203466
4.057448578	39.65	0.348968635	3.920983709

Experiment derived	linear regression
parameter	value
y0	0.0099
a	0.0503
R	0.92575888

AVERAGE	value
y0	0.011866667
a	0.0332