Layout: The data compilation used for construction of the tables are presented at the top c
are based upon SCF analysis of fluorescence readings averaged over all five runs, each ru
four replicate amplifications of each of the six target quantities (n=20).

The analysis was further extended to individual runs in which fluorescence readings from
amplification runs were averaged (n=4) for the SCF analysis (bottom left). Finally, SCF ana
fluorescence readings from individual amplifications (i.e. no averaging; n=1) was conducte
from Run#1 (bottom right).

Standard Curve Linear Regression vs. SCF Analysis

Amplicon: K3/K2 (218bp)

Table 1: K3/K2

Predicted Target No	Relative Conc.	K3/K2 Average Fc from 20 replicates r2	Fmax	C1/2	k	Fo	Relative Fo	% of Average
4.17E+07	1	0.999986	0.3974	13.586	1.551	6.24E-05	6.24E-05	105.59%
4.17E+06	0.1	0.999969	0.3730	17.232	1.556	5.76E-06	5.76E-05	97.53%
4.17E+05	0.01	0.999981	0.4109	20.830	1.548	5.88E-07	5.88E-05	99.57%
4.17E+04	0.001	0.999985	0.3937	24.416	1.554	5.90E-08	5.90E-05	99.91%
4.17E+03	0.0001	0.999986	0.3873	27.992	1.555	5.93E-09	5.93E-05	100.27%
4.17E+02	0.00001	0.999986	0.3874	31.574	1.553	5.74E-10	5.74E-05	97.13%
	Average:	0.999982	0.3916		1.553	**Average:**	5.91E-05	
	SD:	0.000007	0.0126		0.003	**CV:**	3.03%	

Ct Quantification

Predicted Target No	Log(No)	Av. Ct (n=20)	Nt-based No	% of Predicted	Mt-based SCF No	% of Predicted
4.17E+07	7.62	8.626	4.36E+07	104.66%	4.28E+07	102.66%
4.17E+06	6.62	12.294	4.16E+06	99.79%	3.95E+06	94.82%
4.17E+05	5.62	15.936	4.03E+05	96.69%	4.04E+05	96.81%
4.17E+04	4.62	19.599	3.86E+04	92.48%	4.05E+04	97.13%
4.17E+03	3.62	23.019	4.31E+03	103.33%	4.07E+03	97.49%
4.17E+02	2.62	26.608	4.32E+02	103.62%	3.94E+02	94.43%
			Av.:	100.10%	**Av.:**	97.22%
			SD:	4.76%	**SD:**	2.95%

Ct Regression Analysis

r2: 0.999874
Es: 89.80%
Nt (molec): 1.10E+10
Ft (FU): 0.0160
As (bp): 218
Mt (ng): 2.63
Mt/Ft-CF (ng/FU): 164

Av. Ct vs. SCF: 5.58%

K3 4.17x10^7

Run	Av. Ct	Ct No	% of Predicted	Average Fc from 4 replicates r2	Fmax	C1/2	k	SCF Fo (FU)
1	8.602	4.43E+07	106.26%	0.999984	0.3864	13.541	1.536	5.74E-05
2	8.491	4.76E+07	114.10%	0.999983	0.5040	13.683	1.548	7.29E-05
3	8.444	4.91E+07	117.64%	0.999973	0.4354	13.643	1.558	6.83E-05
4	8.752	4.03E+07	96.57%	0.999973	0.3506	13.498	1.552	5.86E-05

5	8.841	3.80E+07	91.17%	0.999974	0.3102	13.499	1.557	5.33E-05
	Average:	4.38E+07	105.15%	0.999977	0.3973	13.573	1.550	6.26E-05
	CV/SD:	10.70%	11.25%	0.000006	0.0754	0.086	0.009	13.08%
				% Difference Ct vs. SCF:	-2.11%			

K3 4.17x10^6			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	12.349	4.02E+06	96.33%	0.999949	0.3845	17.229	1.534	5.08E-06
2	11.979	5.09E+06	122.12%	0.999970	0.4481	17.305	1.566	7.11E-06
3	12.291	4.17E+06	99.99%	0.999930	0.3797	17.365	1.571	5.99E-06
4	12.539	3.56E+06	85.29%	0.999907	0.3354	17.051	1.535	5.04E-06
5	12.312	4.11E+06	98.66%	0.999934	0.3149	17.140	1.544	4.74E-06
	Average:	4.19E+06	100.48%	0.999938	0.3725	17.218	1.550	5.58E-06
	CV/SD:	13.35%	13.42%	0.000023	0.0515	0.126	0.017	17.41%
				% Difference Ct vs. SCF:	-8.71%			

K3 4.17x10^5			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	15.794	4.42E+05	105.94%	0.999975	0.3888	20.685	1.531	5.27E-07
2	16.049	3.75E+05	89.94%	0.999979	0.4140	20.888	1.545	5.56E-07
3	16.089	3.66E+05	87.70%	0.999980	0.3502	20.959	1.553	4.80E-07
4	16.106	3.62E+05	86.72%	0.999971	0.4481	20.793	1.542	6.22E-07
5	15.644	4.86E+05	116.60%	0.999971	0.4479	20.792	1.540	6.14E-07
	Average:	4.06E+05	97.38%	0.999975	0.4098	20.824	1.542	5.60E-07
	CV/SD:	13.64%	13.28%	0.000004	0.0416	0.104	0.008	10.68%
				% Difference Ct vs. SCF:	-5.45%			

K3 4.17x10^4			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	19.701	3.61E+04	86.66%	0.999969	0.3753	24.432	1.549	5.28E-08
2	19.549	3.98E+04	95.51%	0.999968	0.3581	24.363	1.549	5.28E-08
3	19.828	3.33E+04	79.87%	0.999971	0.3398	24.490	1.562	5.28E-08
4	19.715	3.58E+04	85.85%	0.999979	0.4473	24.394	1.554	6.84E-08
5	19.203	4.97E+04	119.22%	0.999985	0.4462	24.396	1.546	6.27E-08
	Average:	3.90E+04	93.42%	0.999975	0.3934	24.415	1.552	5.79E-08
	CV/SD:	16.55%	15.46%	0.000007	0.0504	0.049	0.006	12.57%
				% Difference Ct vs. SCF:	2.01%			

K3 4.17x10^3			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	22.574	5.73E+03	137.45%	0.999975	0.5268	28.075	1.548	6.98E-09
2	22.904	4.64E+03	111.25%	0.999979	0.3852	27.847	1.561	6.86E-09
3	22.920	4.59E+03	110.12%	0.999972	0.4193	28.079	1.551	5.72E-09
4	23.311	3.57E+03	85.73%	0.999978	0.2988	27.914	1.559	5.01E-09
5	23.388	3.40E+03	81.59%	0.999978	0.3060	27.976	1.552	4.56E-09
	Average:	4.39E+03	105.23%	0.999976	0.3872	27.978	1.554	5.88E-09
	CV/SD:	21.45%	22.57%	0.000003	0.0934	0.101	0.006	18.42%
				% Difference Ct vs. SCF:	-8.11%			

K3 4.17x10^2			**% of**	**Average Fc from 4 replicates**				**SCF Fo**

Run	Av. Ct	Ct No	Predicted	r2	Fmax	C1/2	k	(FU)
1	26.114	5.93E+02	142.28%	0.999963	0.5063	31.518	1.534	6.04E-10
2	26.447	4.79E+02	114.92%	0.999975	0.3791	31.547	1.552	5.64E-10
3	26.436	4.83E+02	115.73%	0.999971	0.4299	31.557	1.553	6.45E-10
4	27.039	3.28E+02	78.63%	0.999969	0.3158	31.662	1.573	5.74E-10
5	27.006	3.35E+02	80.31%	0.999977	0.3031	31.597	1.542	3.81E-10
	Average:	4.44E+02	106.37%	0.999971	0.3868	31.576	1.551	5.56E-10
	CV/SD:	25.31%	26.92%	0.000006	0.0840	0.056	0.015	18.22%

Av. Ct % of Predicted: 101.34%

Av. SD: 17.15%

% Difference Ct vs. SCF: -14.03%

Av. CV of SCF No:

Av. SCF % of

e top of the page, and
each run consisting of

s from the four replicate
CF analysis of
nducted for each replicate

Table 2: K3/K2

Predicted Target Mo (ng)	CFo (ng/FU)
1.0E-02	160
1.0E-03	173
1.0E-04	170
1.0E-05	169
1.0E-06	169
1.0E-07	174
Average:	169
CV:	2.95%

Table 3: K3/K2

Ct No (Av. CF)	% of Predicted	SCF No (Av. CF)	% of Predicted
4.44E+07	106.51%	4.36E+07	104.48%
4.24E+06	101.56%	4.02E+06	96.50%
4.10E+05	98.40%	4.11E+05	98.52%
3.92E+04	94.12%	4.12E+04	98.85%
4.38E+03	105.15%	4.14E+03	99.21%
4.40E+02	105.46%	4.01E+02	96.10%
Av.:	101.87%	**Av.:**	98.94%
SD:	4.85%	**SD:**	3.00%

CFav Mt (ng): 2.68

CFav Nt (molec): 1.12E+10

Table 4: K3/K2

	SCF Eo	Exp Eo
	90.53%	90.54%
	90.19%	90.19%
	90.79%	90.79%
	90.32%	90.32%
	90.20%	90.20%
	90.39%	90.39%
Av.:	90.40%	90.40%
SD:	0.23%	0.23%

Average CF

	CF (ng/FU)
K1/K2 CFt:	177
CFo:	159
‹3/K2 CFt:	164
CFo:	169
CFav:	167
CV:	4.59%

SCF No (molec)	% of Predicted	SCF Eo
3.94E+07	94.38%	91.73%
5.00E+07	119.92%	90.80%
4.69E+07	112.42%	90.02%
4.02E+07	96.35%	90.46%

K3/K2 4.17x10^7 Run#1

Rep	Ct	Ct No	% of Predicted	Av. Ct vs. SCF: Fc fro r2
1	8.841	3.80E+07	91.19%	0.999928
2	8.575	4.51E+07	108.13%	0.999946
3	8.704	4.15E+07	99.56%	0.999916
4	8.289	5.42E+07	129.88%	0.999941

3.66E+07	87.67%	90.05%
4.29E+07	102.93%	90.61%
13.08%	13.46%	0.70%

Average:	4.47E+07	107.19%	0.999933
CV/SD:	15.52%	16.64%	0.000013
			% D

SCF No (molec)	% of Predicted	SCF Eo
3.48E+06	83.56%	91.95%
4.88E+06	117.04%	89.38%
4.11E+06	98.59%	89.03%
3.46E+06	82.97%	91.80%
3.25E+06	77.96%	91.14%
3.82E+06	91.72%	90.66%
17.41%	15.97%	1.37%

K3 4.17x10^6 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	12.423	3.83E+06	91.85%	0.999943
2	12.260	4.25E+06	101.97%	0.999866
3	12.204	4.41E+06	105.69%	0.999898
4	12.508	3.63E+06	86.98%	0.999912
Average:		4.03E+06	96.62%	0.999905
CV/SD:		8.99%	8.69%	0.000032
				% D

SCF No (molec)	% of Predicted	SCF Eo
3.62E+05	86.72%	92.16%
3.81E+05	91.47%	91.03%
3.29E+05	78.97%	90.43%
4.27E+05	102.31%	91.30%
4.21E+05	101.08%	91.41%
3.84E+05	92.07%	91.27%
10.68%	9.83%	0.63%

K3 4.17x10^5 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	15.742	4.57E+05	109.51%	0.999940
2	15.999	3.87E+05	92.88%	0.999948
3	15.702	4.69E+05	112.35%	0.999909
4	15.732	4.60E+05	110.21%	0.999961
Average:		4.28E+05	102.61%	0.999940
CV/SD:		13.42%	10.52%	0.000022
				% D

SCF No (molec)	% of Predicted	SCF Eo
3.62E+04	86.79%	90.75%
3.62E+04	86.88%	90.72%
3.62E+04	86.86%	89.68%
4.69E+04	112.54%	90.28%
4.30E+04	103.19%	90.93%
3.97E+04	95.30%	90.47%
12.57%	11.98%	0.50%

K3 4.17x10^4 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	19.832	3.32E+04	79.66%	0.999951
3	19.469	4.19E+04	100.52%	0.999936
2	19.672	3.68E+04	88.26%	0.999916
4	19.829	3.33E+04	79.81%	0.999896
Average:		3.63E+04	87.06%	0.999925
CV/SD:		11.29%	10.48%	0.000024
				% D

SCF No (molec)	% of Predicted	SCF Eo
4.79E+03	114.77%	90.81%
4.71E+03	112.94%	89.79%
3.93E+03	94.13%	90.59%
3.44E+03	82.48%	89.91%
3.12E+03	74.94%	90.45%
4.03E+03	96.70%	90.31%
18.42%	17.81%	0.44%

K3 4.17x10^3 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	22.775	5.04E+03	120.84%	0.999924
2	22.685	5.34E+03	128.01%	0.999950
3	22.427	6.30E+03	151.03%	0.999939
4	22.409	6.37E+03	152.78%	0.999954
Average:		5.76E+03	138.17%	0.999942
CV/SD:		11.69%	15.77%	0.000014
				% D

SCF No **% of**

K3 4.17x10^2 Run#1 **% of** **Fc fro**

(molec)	Predicted	SCF Eo
4.15E+02	99.44%	91.92%
3.87E+02	92.76%	90.47%
4.42E+02	106.03%	90.38%
3.94E+02	94.46%	88.82%
2.62E+02	62.73%	91.28%
3.81E+02	91.45%	90.57%
18.22%	16.67%	1.16%

Av.of Run Eo: 90.65%

Av. SD of Run Eo: 0.80%

15.06%

Predicted: 95.03%

Rep	Ct	Ct No	Predicted	r2
1	26.219	5.55E+02	132.98%	0.999935
2	25.959	6.55E+02	157.08%	0.999957
3	26.105	5.97E+02	143.05%	0.999935
4	26.171	5.72E+02	137.13%	0.999940
	Average:	5.94E+02	142.56%	0.999942
	CV/SD:	7.38%	12.11%	0.000011
				% D

9.72%

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.3356	13.509	1.531	4.95E-05	3.39E+07	81.38%	92.13%
0.3882	13.531	1.543	6.02E-05	4.13E+07	99.04%	91.20%
0.3694	13.484	1.516	5.07E-05	3.48E+07	83.43%	93.38%
0.4492	13.593	1.534	6.37E-05	4.37E+07	104.84%	91.90%

0.3856	13.536	1.531	5.60E-05	3.84E+07	92.17%	92.15%
12.35%	0.055	0.011	12.54%	12.54%	11.56%	0.91%
ifference Ct vs. SCF:		-14.01%				

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.3845	17.158	1.509	4.44E-06	3.04E+06	73.01%	93.99%
0.4073	17.173	1.524	5.19E-06	3.56E+06	85.37%	92.76%
0.4072	17.206	1.542	5.80E-06	3.98E+06	95.42%	91.28%
0.3377	17.392	1.551	4.57E-06	3.14E+06	75.24%	90.51%
0.3842	17.257	1.532	5.00E-06	3.43E+06	82.26%	92.13%
8.54%	0.118	0.019	12.51%	12.51%	10.29%	1.55%
ifference Ct vs. SCF:		-14.87%				

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.3728	20.683	1.539805	5.47E-07	3.75E+05	89.98%	91.45%
0.3418	20.641	1.513952	4.10E-07	2.81E+05	67.45%	93.58%
0.4088	20.659	1.526952	5.44E-07	3.73E+05	89.52%	92.49%
0.4320	20.750	1.541492	6.16E-07	4.22E+05	101.28%	91.31%
0.3889	20.683	1.531	5.29E-07	3.63E+05	87.06%	92.21%
10.21%	0.059	0.013	16.26%	16.26%	14.16%	1.06%
ifference Ct vs. SCF:		-15.16%				

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.4730	24.361	1.555936	7.50E-08	5.15E+04	123.39%	90.16%
0.3314	24.391	1.537132	4.26E-08	2.92E+04	70.018%	91.66%
0.3858	24.483	1.549460	5.30E-08	3.63E+04	87.133%	90.67%
0.3089	24.486	1.529726	3.45E-08	2.37E+04	56.785%	92.27%
0.3748	24.454	1.543	5.13E-08	3.52E+04	84.331%	91.19%
19.49%	0.054	0.012	34.21%	34.21%	28.85%	0.95%
ifference Ct vs. SCF:		-3.14%				

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.5056	28.314	1.549369	5.85E-09	4.01E+03	96.26%	90.68%
0.4647	28.049	1.550115	6.44E-09	4.42E+03	105.92%	90.62%
0.5768	27.942	1.536843	7.33E-09	5.03E+03	120.55%	91.69%
0.5557	27.985	1.525770	6.01E-09	4.13E+03	98.95%	92.59%
0.5257	27.992	1.541	6.41E-09	4.40E+03	105.42%	91.39%
9.60%	0.054	0.012	10.32%	10.32%	10.88%	0.94%
ifference Ct vs. SCF:		-23.70%				

m individual amplifications	SCF Fo	SCF No	% of

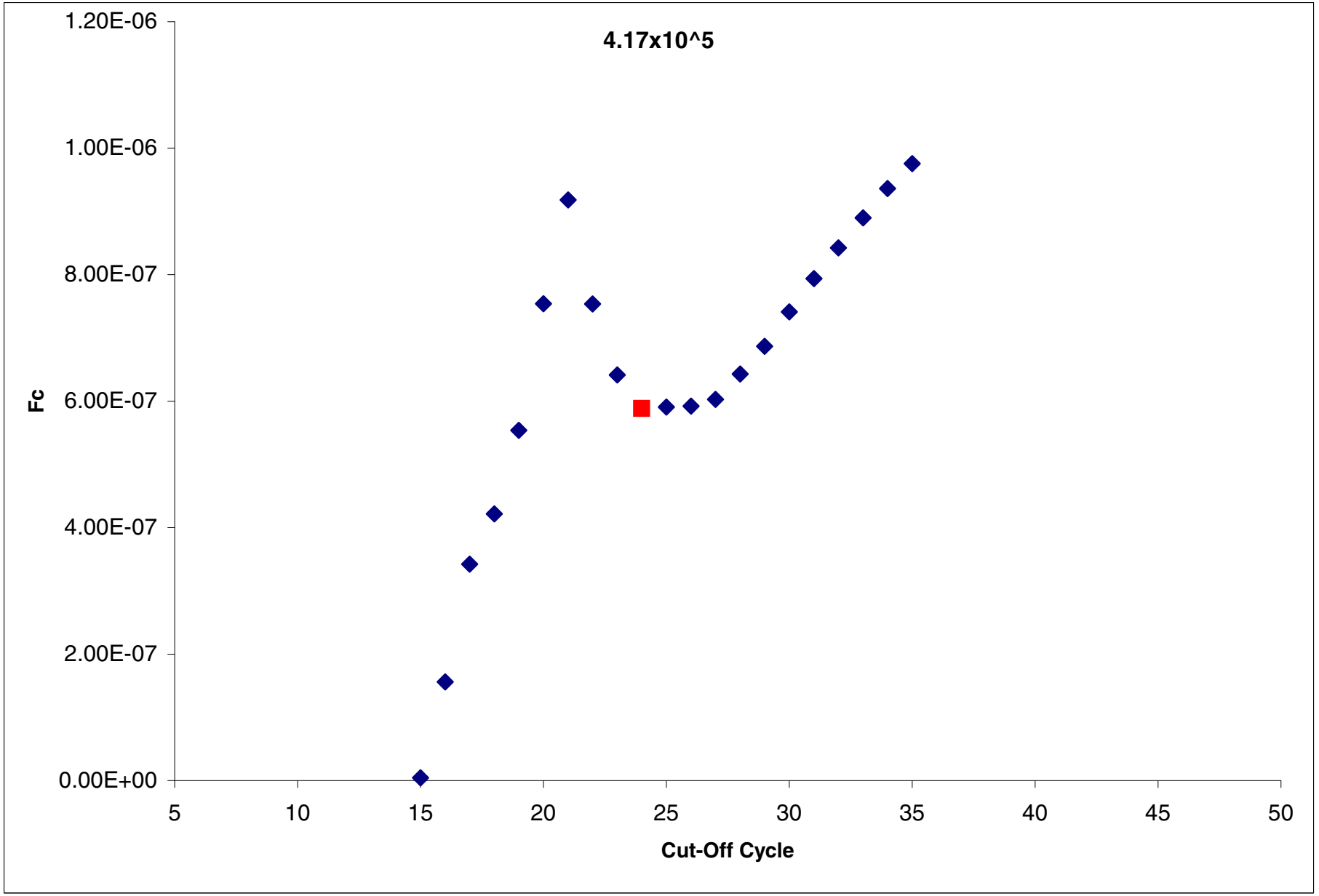
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.4388	31.402	1.506193	3.87E-10	2.66E+02	63.68%	94.24%
0.5533	31.385	1.518016	5.81E-10	3.98E+02	95.56%	93.24%
0.5336	31.599	1.558603	8.36E-10	5.74E+02	137.59%	89.95%
0.4983	31.671	1.536894	5.60E-10	3.84E+02	92.09%	91.68%
0.5060	31.551	1.530	5.91E-10	4.05E+02	97.23%	92.28%
9.93%	0.149	0.023	31.33%	31.33%	30.46%	1.87%

ifference Ct vs. SCF: -31.80%

Av.of Run Eo: 91.89%

Av. SD of Run Eo: 1.21%

Av. CV of SCF No: 19.53%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1.00E-06
8.00E-07
6.00E-07
4.00E-07
2.00E-07
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15
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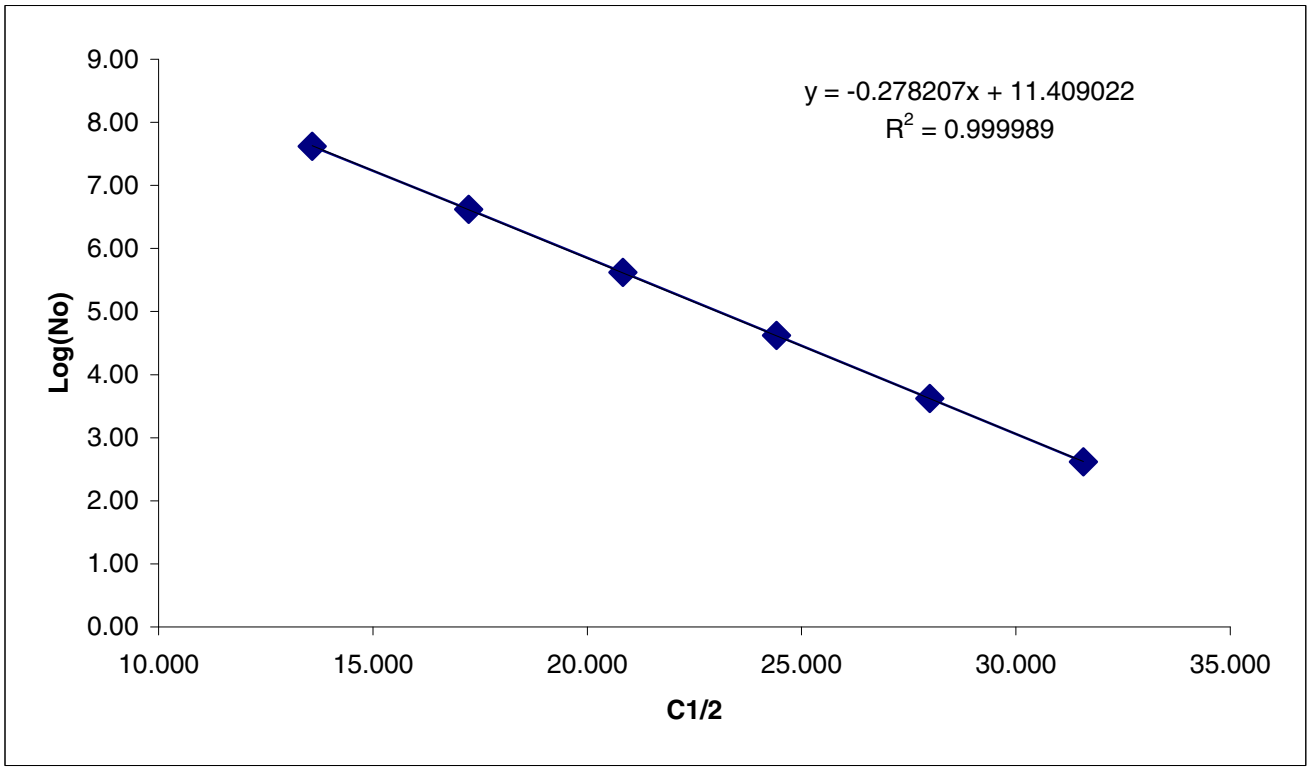
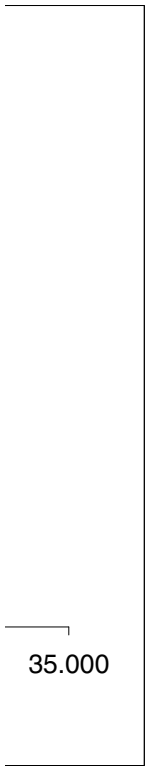
35
40
45
50
Cut-Off Cycle



Log(No)	C1/2
7.62	13.586
6.62	17.232
5.62	20.830
4.62	24.416
3.62	27.992
2.62	31.574

r2: 0.999989
Es: 89.76%
Nmax (molec): 2.56E+11


35.000

Amplicon: K3/K2

No: 4.17E+07

K3/K2
Run1-5 Av.

Cycle	Av. F
1	0.0000
2	0.0000
3	0.0001
4	0.0002
5	0.0010
6	0.0028
7	0.0059
8	0.0107
9	0.0204
10	0.0366
11	0.0630
12	0.1053
13	0.1604
14	0.2245
15	0.2842
16	0.3292
17	0.3575
18	0.3753
19	0.3852
20	0.3933
21	0.3996
22	0.4027
23	0.4059
24	0.4082
25	0.4092
26	0.4100
27	0.4119
28	0.4108
29	0.4109
30	0.4115
31	0.4110
32	0.4100
33	0.4109
34	0.4104
35	0.4107

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
15.15%	0.999746	0.2195	12.407	1.506	-0.0003	5.82E-05
16.29%	0.999914	0.2895	12.967	1.546	-0.0004	6.60E-05
16.52%	0.999946	0.4789	14.062	1.635	-0.0005	8.82E-05
17.01%	0.999971	0.4060	13.671	1.593	-0.0004	7.61E-05
17.64%	0.999986	0.4146	13.727	1.603	-0.0004	7.90E-05
18.64%	0.999992	0.4103	13.696	1.595	-0.0004	7.66E-05
18.89%	0.999989	0.4041	13.645	1.578	-0.0003	7.11E-05
19.31%	0.999982	0.3992	13.603	1.560	-0.0001	6.53E-05
19.39%	0.999984	0.3980	13.591	1.554	-0.0001	6.34E-05
19.71%	0.999986	0.3974	13.586	1.551	-0.0001	6.24E-05
19.63%	0.999982	0.3986	13.597	1.559	-0.0001	6.49E-05
19.76%	0.999957	0.4004	13.614	1.572	-0.0003	6.95E-05
20.06%	0.999936	0.4019	13.627	1.584	-0.0005	7.37E-05
19.79%	0.999905	0.4034	13.641	1.596	-0.0006	7.84E-05
19.71%	0.999871	0.4047	13.653	1.608	-0.0008	8.32E-05
20.08%	0.999845	0.4058	13.663	1.618	-0.0009	8.73E-05
20.02%	0.999824	0.4067	13.671	1.626	-0.0010	9.09E-05
20.11%	0.999792	0.4077	13.680	1.635	-0.0011	9.50E-05
20.16%	0.999782	0.4083	13.685	1.641	-0.0012	9.76E-05
20.18%	0.999776	0.4087	13.689	1.646	-0.0013	9.97E-05
20.13%	0.999769	0.4092	13.693	1.650	-0.0013	1.02E-04
20.45%	0.999767	0.4095	13.696	1.653	-0.0014	1.03E-04
20.19%	0.999770	0.4097	13.698	1.655	-0.0014	1.04E-04
20.04%	0.999771	0.4099	13.700	1.657	-0.0014	1.05E-04
20.29%	0.999773	0.4101	13.701	1.659	-0.0015	1.06E-04
20.16%	0.999774	0.4102	13.703	1.661	-0.0015	1.07E-04
	0.999986					6.24E-05

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	0.0000	0.0008	0.0011	0.0011	0.0007	0.0020	0.0010	0.0000
6	0.0023	0.0018	0.0008	0.0023	0.0025	0.0046	0.0026	0.0040
7	0.0044	0.0056	0.0058	0.0051	0.0070	0.0085	0.0051	0.0066

8	0.0094	0.0117	0.0095	0.0129	0.0134	0.0125	0.0121	0.0132
9	0.0170	0.0194	0.0190	0.0224	0.0257	0.0252	0.0192	0.0243
10	0.0307	0.0374	0.0338	0.0400	0.0435	0.0463	0.0380	0.0457
11	0.0537	0.0608	0.0602	0.0708	0.0757	0.0829	0.0639	0.0802
12	0.0919	0.1060	0.0992	0.1179	0.1251	0.1376	0.1102	0.1359
13	0.1382	0.1602	0.1550	0.1788	0.1942	0.2118	0.1686	0.2084
14	0.1955	0.2224	0.2164	0.2531	0.2760	0.2999	0.2410	0.2890
15	0.2421	0.2804	0.2678	0.3235	0.3534	0.3837	0.3094	0.3720
16	0.2820	0.3222	0.3131	0.3723	0.4130	0.4501	0.3561	0.4295
17	0.3032	0.3530	0.3343	0.4050	0.4526	0.4922	0.3893	0.4689
18	0.3200	0.3679	0.3511	0.4239	0.4767	0.5171	0.4106	0.4914
19	0.3287	0.3755	0.3599	0.4376	0.4935	0.5313	0.4228	0.5070
20	0.3350	0.3835	0.3692	0.4464	0.5001	0.5428	0.4338	0.5183
21	0.3421	0.3896	0.3716	0.4501	0.5079	0.5503	0.4408	0.5287
22	0.3396	0.3843	0.3754	0.4527	0.5133	0.5562	0.4472	0.5370
23	0.3455	0.3965	0.3773	0.4579	0.5165	0.5617	0.4487	0.5379
24	0.3464	0.3969	0.3799	0.4634	0.5200	0.5627	0.4496	0.5417
25	0.3419	0.3967	0.3813	0.4598	0.5244	0.5633	0.4534	0.5460
26	0.3488	0.3969	0.3837	0.4605	0.5230	0.5680	0.4553	0.5467
27	0.3495	0.3988	0.3815	0.4593	0.5239	0.5764	0.4594	0.5466
28	0.3463	0.3964	0.3801	0.4642	0.5257	0.5685	0.4536	0.5464
29	0.3435	0.3955	0.3749	0.4598	0.5223	0.5715	0.4551	0.5477
30	0.3434	0.3982	0.3768	0.4627	0.5259	0.5709	0.4581	0.5464
31	0.3439	0.3966	0.3783	0.4608	0.5281	0.5728	0.4579	0.5519
32	0.3447	0.3919	0.3803	0.4587	0.5234	0.5667	0.4561	0.5477
33	0.3422	0.3971	0.3783	0.4602	0.5258	0.5662	0.4546	0.5457
34	0.3445	0.3946	0.3774	0.4616	0.5244	0.5751	0.4533	0.5462
35	0.3447	0.3932	0.3752	0.4587	0.5218	0.5710	0.4527	0.5472

	Cycle	K3/K2 Run1 Av. Av. F						
	1	0.0000						
	2	0.0000						
	3	0.0000						
	4	0.0000						
	5	0.0008						
	6	0.0018						
	7	0.0052						
	8	0.0109						
Eo	9	0.0195	**CV**	**r2**	**Fmax**	**$C_{1/2}$**	**k**	**Fb**
94.20%	10	0.0355	11.48%	0.999166	0.1317	11.369	1.386	-0.0004
90.90%	11	0.0614	11.50%	0.999675	0.2570	12.740	1.513	-0.0005
84.31%	12	0.1038	10.65%	0.999841	0.5128	14.230	1.634	-0.0007
87.32%	13	0.1581	10.58%	0.999917	0.3898	13.589	1.567	-0.0005
86.61%	14	0.2219	10.73%	0.999959	0.4072	13.706	1.588	-0.0006
87.16%	15	0.2785	12.21%	0.999970	0.3932	13.602	1.562	-0.0005
88.41%	16	0.3224	11.62%	0.999980	0.3915	13.587	1.557	-0.0004
89.80%	17	0.3489	12.23%	0.999976	0.3872	13.549	1.540	-0.0003
90.27%	18	0.3657	11.91%	0.999981	0.3864	13.541	1.536	-0.0003
90.53%	19	0.3754	12.20%	0.999984	0.3864	13.541	1.536	-0.0003
89.93%	20	0.3835	12.15%	0.999974	0.3880	13.556	1.547	-0.0004
88.88%	21	0.3884	11.74%	0.999957	0.3895	13.570	1.558	-0.0005
88.01%	22	0.3880	12.18%	0.999960	0.3897	13.572	1.560	-0.0005
87.08%	23	0.3943	12.00%	0.999918	0.3913	13.587	1.573	-0.0007
86.21%	24	0.3967	12.40%	0.999872	0.3927	13.600	1.586	-0.0009
85.51%	25	0.3949	12.41%	0.999867	0.3934	13.606	1.592	-0.0009
84.92%	26	0.3975	11.74%	0.999844	0.3942	13.614	1.600	-0.0010
84.29%	27	0.3973	11.61%	0.999833	0.3948	13.620	1.606	-0.0011
83.90%	28	0.3968	12.49%	0.999830	0.3952	13.624	1.610	-0.0012
83.59%	29	0.3934	12.49%	0.999836	0.3952	13.623	1.609	-0.0012
83.29%	30	0.3953	12.72%	0.999840	0.3953	13.624	1.611	-0.0012
83.07%	31	0.3949	12.42%	0.999844	0.3954	13.625	1.612	-0.0012
82.95%	32	0.3939	12.09%	0.999849	0.3954	13.625	1.611	-0.0012
82.80%	33	0.3945	12.52%	0.999853	0.3954	13.625	1.612	-0.0012
82.69%	34	0.3945	12.50%	0.999856	0.3954	13.625	1.612	-0.0012
82.59%	35	0.3930	12.26%	0.999858	0.3953	13.624	1.611	-0.0012
90.53%				0.999984				

		Run#3			Run#4				
Rep#1	**Rep#2**	**Rep#3**	**Rep#4**	**Rep#1**	**Rep#2**	**Rep#3**	**Rep#4**	**Rep#1**
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000
0.0003	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0003	0.0010
0.0014	0.0002	0.0009	0.0016	0.0010	0.0014	0.0001	0.0004	0.0017
0.0043	0.0037	0.0035	0.0022	0.0022	0.0048	0.0020	0.0032	0.0020
0.0075	0.0066	0.0066	0.0071	0.0046	0.0080	0.0032	0.0047	0.0049

0.0117	0.0131	0.0110	0.0124	0.0072	0.0089	0.0105	0.0094	0.0073
0.0231	0.0236	0.0212	0.0237	0.0174	0.0192	0.0195	0.0182	0.0152
0.0376	0.0413	0.0380	0.0404	0.0322	0.0340	0.0382	0.0336	0.0267
0.0634	0.0714	0.0635	0.0715	0.0537	0.0607	0.0629	0.0555	0.0435
0.1077	0.1182	0.1072	0.1178	0.0896	0.0962	0.1057	0.0957	0.0731
0.1627	0.1824	0.1641	0.1786	0.1356	0.1490	0.1588	0.1438	0.1100
0.2283	0.2589	0.2294	0.2522	0.1865	0.2056	0.2202	0.1951	0.1530
0.2900	0.3293	0.2902	0.3228	0.2393	0.2548	0.2766	0.2475	0.1874
0.3375	0.3834	0.3391	0.3740	0.2755	0.2975	0.3169	0.2842	0.2187
0.3672	0.4174	0.3714	0.4043	0.2986	0.3198	0.3466	0.3048	0.2379
0.3850	0.4409	0.3863	0.4280	0.3151	0.3365	0.3597	0.3166	0.2489
0.3988	0.4516	0.3990	0.4375	0.3203	0.3431	0.3688	0.3271	0.2525
0.4077	0.4620	0.4058	0.4449	0.3297	0.3480	0.3748	0.3324	0.2620
0.4130	0.4735	0.4147	0.4547	0.3342	0.3590	0.3845	0.3369	0.2615
0.4177	0.4795	0.4192	0.4588	0.3354	0.3588	0.3852	0.3417	0.2640
0.4223	0.4766	0.4195	0.4614	0.3391	0.3614	0.3871	0.3440	0.2681
0.4195	0.4764	0.4240	0.4655	0.3412	0.3617	0.3916	0.3456	0.2705
0.4268	0.4836	0.4253	0.4666	0.3404	0.3613	0.3936	0.3470	0.2695
0.4216	0.4862	0.4204	0.4683	0.3433	0.3656	0.3898	0.3474	0.2679
0.4280	0.4873	0.4252	0.4698	0.3444	0.3666	0.3936	0.3502	0.2715
0.4287	0.4876	0.4294	0.4699	0.3424	0.3619	0.3916	0.3464	0.2691
0.4306	0.4864	0.4282	0.4746	0.3445	0.3637	0.3938	0.3438	0.2707
0.4293	0.4875	0.4282	0.4705	0.3451	0.3653	0.3917	0.3494	0.2718
0.4245	0.4850	0.4284	0.4706	0.3436	0.3637	0.3903	0.3467	0.2669
0.4268	0.4866	0.4272	0.4717	0.3423	0.3620	0.3938	0.3458	0.2693
0.4262	0.4865	0.4304	0.4726	0.3423	0.3606	0.3959	0.3481	0.2706
0.4246	0.4863	0.4264	0.4699	0.3430	0.3634	0.3929	0.3457	0.2701
0.4300	0.4903	0.4308	0.4692	0.3428	0.3671	0.3965	0.3461	0.2715

Cycle	K3/K2 Run2 Av. Av. F
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0009
6	0.0034
7	0.0068
8	0.0128
9	0.0236
10	0.0434
11	0.0757
12	0.1272
13	0.1958
14	0.2765
15	0.3546
16	0.4122
17	0.4508
18	0.4740
19	0.4887
20	0.4988
21	0.5069
22	0.5134
23	0.5162
24	0.5185
25	0.5218
26	0.5233
27	0.5266
28	0.5236
29	0.5242
30	0.5253
31	0.5277
32	0.5235
33	0.5231
34	0.5248
35	0.5232

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
3.62E-05	105.69%	8.71%	0.999495	0.4387	13.444	1.568
5.66E-05	93.64%	11.09%	0.999842	0.4372	13.438	1.567
8.47E-05	84.39%	9.92%	0.999941	0.5815	14.041	1.611
6.68E-05	89.27%	10.03%	0.999972	0.5035	13.705	1.575
7.25E-05	87.73%	9.26%	0.999986	0.5190	13.786	1.589
6.49E-05	89.69%	9.20%	0.999992	0.5242	13.816	1.596
6.35E-05	90.07%	9.79%	0.999981	0.5104	13.728	1.568
5.85E-05	91.40%	9.78%	0.999980	0.5057	13.696	1.554
5.74E-05	91.73%	9.58%	0.999983	0.5040	13.683	1.548
5.74E-05	91.73%	9.54%	0.999986	0.5044	13.686	1.550
6.06E-05	90.88%	9.36%	0.999981	0.5060	13.698	1.558
6.43E-05	89.97%	9.34%	0.999956	0.5084	13.715	1.572
6.49E-05	89.82%	9.25%	0.999911	0.5111	13.735	1.588
6.95E-05	88.79%	9.42%	0.999879	0.5131	13.750	1.602
7.42E-05	87.81%	9.48%	0.999851	0.5148	13.762	1.613
7.65E-05	87.38%	9.25%	0.999810	0.5165	13.774	1.625
7.96E-05	86.78%	9.34%	0.999775	0.5180	13.785	1.636
8.20E-05	86.35%	9.43%	0.999719	0.5196	13.796	1.648
8.36E-05	86.07%	9.51%	0.999711	0.5204	13.802	1.654
8.33E-05	86.12%	9.58%	0.999703	0.5211	13.807	1.660
8.39E-05	86.03%	9.22%	0.999692	0.5218	13.812	1.665
8.42E-05	85.97%	9.47%	0.999666	0.5226	13.818	1.672
8.41E-05	85.99%	9.22%	0.999671	0.5229	13.820	1.674
8.42E-05	85.97%	9.28%	0.999677	0.5231	13.821	1.676
8.43E-05	85.95%	9.90%	0.999677	0.5234	13.824	1.679
8.39E-05	86.02%	9.77%	0.999682	0.5236	13.825	1.680
5.74E-05	91.73%		0.999986			

Run#5

Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0005	0.0014	0.0009
0.0001	0.0024	0.0021
0.0017	0.0034	0.0020
0.0039	0.0055	0.0073

0.0067	0.0100	0.0116
0.0144	0.0180	0.0217
0.0261	0.0323	0.0368
0.0464	0.0565	0.0631
0.0742	0.0906	0.1055
0.1147	0.1351	0.1582
0.1603	0.1879	0.2189
0.1998	0.2371	0.2759
0.2296	0.2727	0.3159
0.2480	0.2960	0.3404
0.2620	0.3095	0.3596
0.2688	0.3163	0.3637
0.2716	0.3219	0.3764
0.2785	0.3244	0.3767
0.2790	0.3284	0.3805
0.2818	0.3312	0.3844
0.2850	0.3335	0.3883
0.2809	0.3345	0.3870
0.2844	0.3341	0.3886
0.2823	0.3357	0.3884
0.2843	0.3357	0.3886
0.2844	0.3389	0.3874
0.2828	0.3359	0.3908
0.2827	0.3367	0.3910
0.2834	0.3322	0.3898
0.2850	0.3366	0.3923
0.2831	0.3339	0.3919
0.2824	0.3348	0.3879

Fb	Fo	Eo	Cycle	K3/K2 Run3 Av. Av. F	CV	r2	Fmax	$C_{1/2}$
			1	0.0000				
			2	0.0000				
			3	0.0001				
			4	0.0001				
			5	0.0010				
			6	0.0034				
			7	0.0070				
			8	0.0121				
-0.0005	8.27E-05	89.23%	9	0.0229	4.59%	0.999391	0.1585	11.641
-0.0005	8.26E-05	89.26%	10	0.0393	6.85%	0.999725	0.4137	13.701
-0.0006	9.52E-05	86.03%	11	0.0675	5.41%	0.999890	0.7392	14.968
-0.0005	8.38E-05	88.67%	12	0.1127	5.82%	0.999926	0.4769	13.934
-0.0006	8.84E-05	87.64%	13	0.1720	6.47%	0.999966	0.4713	13.902
-0.0006	9.10E-05	87.13%	14	0.2422	6.79%	0.999976	0.4555	13.798
-0.0004	8.03E-05	89.24%	15	0.3081	6.60%	0.999975	0.4454	13.723
-0.0003	7.53E-05	90.29%	16	0.3585	6.32%	0.999963	0.4380	13.664
-0.0002	7.29E-05	90.80%	17	0.3901	6.99%	0.999967	0.4359	13.647
-0.0002	7.36E-05	90.65%	18	0.4101	6.40%	0.999973	0.4354	13.643
-0.0003	7.68E-05	90.00%	19	0.4217	6.48%	0.999974	0.4364	13.651
-0.0005	8.24E-05	88.93%	20	0.4301	6.84%	0.999933	0.4390	13.673
-0.0008	8.97E-05	87.67%	21	0.4390	6.87%	0.999888	0.4414	13.693
-0.0010	9.59E-05	86.69%	22	0.4438	6.40%	0.999871	0.4428	13.705
-0.0012	1.02E-04	85.86%	23	0.4450	6.45%	0.999858	0.4439	13.714
-0.0014	1.08E-04	84.99%	24	0.4464	6.47%	0.999813	0.4454	13.727
-0.0016	1.14E-04	84.24%	25	0.4506	7.41%	0.999804	0.4463	13.734
-0.0018	1.20E-04	83.42%	26	0.4491	6.82%	0.999768	0.4474	13.743
-0.0019	1.24E-04	83.01%	27	0.4526	6.52%	0.999730	0.4484	13.752
-0.0020	1.27E-04	82.64%	28	0.4539	6.57%	0.999693	0.4494	13.760
-0.0021	1.30E-04	82.27%	29	0.4550	6.57%	0.999677	0.4501	13.765
-0.0022	1.35E-04	81.85%	30	0.4539	6.69%	0.999679	0.4504	13.768
-0.0022	1.36E-04	81.70%	31	0.4521	6.78%	0.999675	0.4508	13.771
-0.0023	1.37E-04	81.59%	32	0.4531	6.65%	0.999669	0.4512	13.775
-0.0023	1.39E-04	81.42%	33	0.4539	6.89%	0.999674	0.4514	13.776
-0.0023	1.40E-04	81.34%	34	0.4518	6.54%	0.999662	0.4518	13.780
	7.29E-05	90.80%	35	0.4551		0.999974		

Cycle	K3/K2 Run4 Av. Av. F
1	0.0000
2	0.0000
3	0.0002
4	0.0001
5	0.0007
6	0.0031
7	0.0051
8	0.0090
9	0.0186
10	0.0345
11	0.0582
12	0.0968
13	0.1468
14	0.2019
15	0.2546
16	0.2935
17	0.3175
18	0.3320
19	0.3398
20	0.3462
21	0.3537
22	0.3553
23	0.3579
24	0.3600
25	0.3606
26	0.3615
27	0.3637
28	0.3606
29	0.3615
30	0.3629
31	0.3611
32	0.3610
33	0.3617
34	0.3613
35	0.3631

k	Fb	Fo	Eo	CV	r2	Fmax
1.499	-0.0004	6.72E-05	94.81%	7.49%	0.998975	0.4991
1.661	-0.0006	1.08E-04	82.57%	7.42%	0.999620	0.1713
1.738	-0.0007	1.34E-04	77.79%	6.87%	0.999751	0.3432
1.647	-0.0005	1.01E-04	83.52%	6.62%	0.999900	0.3511
1.642	-0.0005	9.90E-05	83.87%	7.19%	0.999952	0.3493
1.618	-0.0003	9.00E-05	85.52%	6.29%	0.999966	0.3605
1.594	-0.0002	8.12E-05	87.26%	6.14%	0.999977	0.3579
1.569	0.0000	7.23E-05	89.13%	6.73%	0.999971	0.3534
1.560	0.0001	6.92E-05	89.82%	6.30%	0.999972	0.3516
1.558	0.0002	6.83E-05	90.02%	6.34%	0.999973	0.3506
1.563	0.0001	7.03E-05	89.60%	5.98%	0.999975	0.3511
1.581	-0.0001	7.68E-05	88.25%	6.61%	0.999928	0.3533
1.598	-0.0004	8.37E-05	86.97%	6.27%	0.999910	0.3546
1.609	-0.0005	8.84E-05	86.16%	6.06%	0.999883	0.3558
1.618	-0.0007	9.24E-05	85.53%	6.34%	0.999849	0.3570
1.631	-0.0008	9.83E-05	84.63%	6.57%	0.999828	0.3579
1.638	-0.0009	1.02E-04	84.15%	5.86%	0.999808	0.3587
1.647	-0.0011	1.07E-04	83.48%	6.06%	0.999768	0.3596
1.657	-0.0012	1.11E-04	82.85%	6.19%	0.999772	0.3599
1.665	-0.0014	1.16E-04	82.28%	6.49%	0.999772	0.3602
1.671	-0.0015	1.19E-04	81.88%	5.81%	0.999761	0.3607
1.675	-0.0015	1.21E-04	81.66%	5.92%	0.999765	0.3608
1.678	-0.0016	1.23E-04	81.43%	6.51%	0.999770	0.3610
1.682	-0.0016	1.25E-04	81.18%	6.64%	0.999771	0.3611
1.684	-0.0017	1.26E-04	81.07%	6.36%	0.999774	0.3613
1.688	-0.0017	1.29E-04	80.83%	6.81%	0.999768	0.3615
		6.83E-05	90.02%		0.999975	

$C_{1/2}$	k	Fb	Fo	Eo
13.927	1.515	-0.0002	5.08E-05	93.48%
11.920	1.392	-0.0001	3.27E-05	105.10%
13.458	1.567	-0.0004	6.40E-05	89.26%
13.513	1.574	-0.0004	6.56E-05	88.75%
13.499	1.572	-0.0004	6.50E-05	88.94%
13.596	1.596	-0.0005	7.20E-05	87.09%
13.571	1.588	-0.0005	6.95E-05	87.70%
13.527	1.569	-0.0003	6.36E-05	89.15%
13.508	1.559	-0.0002	6.06E-05	89.93%
13.498	1.552	-0.0002	5.86E-05	90.46%
13.503	1.556	-0.0002	5.97E-05	90.16%
13.525	1.574	-0.0004	6.54E-05	88.76%
13.539	1.585	-0.0005	6.93E-05	87.89%
13.552	1.597	-0.0007	7.35E-05	87.01%
13.564	1.609	-0.0008	7.80E-05	86.14%
13.573	1.618	-0.0009	8.15E-05	85.49%
13.581	1.627	-0.0010	8.49E-05	84.90%
13.590	1.636	-0.0011	8.89E-05	84.22%
13.593	1.640	-0.0012	9.03E-05	84.00%
13.597	1.643	-0.0012	9.18E-05	83.76%
13.601	1.648	-0.0013	9.39E-05	83.44%
13.603	1.650	-0.0013	9.47E-05	83.31%
13.604	1.651	-0.0013	9.54E-05	83.20%
13.606	1.653	-0.0014	9.63E-05	83.07%
13.607	1.655	-0.0014	9.69E-05	82.98%
13.610	1.657	-0.0014	9.82E-05	82.80%
			5.86E-05	90.46%

K3/K2
Run5 Av.

Cycle	Av. F	CV	r2
1	0.0001		
2	0.0000		
3	0.0000		
4	0.0010		
5	0.0016		
6	0.0023		
7	0.0054		
8	0.0089		
9	0.0173		
10	0.0305	16.59%	0.999152
11	0.0524	17.31%	0.999727
12	0.0859	17.88%	0.999901
13	0.1295	17.00%	0.999958
14	0.1800	16.64%	0.999977
15	0.2251	17.75%	0.999980
16	0.2592	17.13%	0.999983
17	0.2806	16.84%	0.999978
18	0.2950	17.06%	0.999983
19	0.3003	16.71%	0.999974
20	0.3080	17.09%	0.999967
21	0.3103	16.64%	0.999966
22	0.3130	16.86%	0.999958
23	0.3164	16.70%	0.999922
24	0.3193	16.69%	0.999858
25	0.3180	17.00%	0.999847
26	0.3188	17.07%	0.999834
27	0.3195	16.85%	0.999820
28	0.3194	16.97%	0.999813
29	0.3204	16.71%	0.999799
30	0.3203	17.07%	0.999790
31	0.3193	17.65%	0.999792
32	0.3187	17.11%	0.999796
33	0.3211	17.21%	0.999784
34	0.3198	17.33%	0.999785
35	0.3192	16.77%	0.999788
			0.999983

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	Cycle	K3/K2 Run1 Rep1	r2
						1	0.0000	
						2	0.0000	
						3	0.0000	
						4	0.0000	
						5	0.0000	
						6	0.0023	
						7	0.0044	
						8	0.0094	
0.2359	12.985	1.569	-0.0001	5.99E-05	89.14%	9	0.0170	r2
0.2819	13.345	1.590	-0.0001	6.39E-05	87.52%	10	0.0307	0.998755
0.3357	13.728	1.621	-0.0002	7.05E-05	85.28%	11	0.0537	0.999520
0.3154	13.577	1.603	-0.0001	6.63E-05	86.57%	12	0.0919	0.999809
0.3301	13.701	1.625	-0.0002	7.20E-05	85.00%	13	0.1382	0.999837
0.3193	13.599	1.600	-0.0001	6.50E-05	86.79%	14	0.1955	0.999891
0.3150	13.554	1.585	0.0000	6.09E-05	87.92%	15	0.2421	0.999899
0.3116	13.516	1.568	0.0001	5.63E-05	89.18%	16	0.2820	0.999925
0.3118	13.518	1.569	0.0001	5.66E-05	89.10%	17	0.3032	0.999928
0.3102	13.499	1.557	0.0002	5.33E-05	90.05%	18	0.3200	0.999940
0.3113	13.513	1.567	0.0001	5.60E-05	89.27%	19	0.3287	0.999948
0.3119	13.519	1.572	0.0001	5.76E-05	88.86%	20	0.3350	0.999944
0.3127	13.528	1.580	0.0000	5.99E-05	88.27%	21	0.3421	0.999887
0.3138	13.542	1.593	-0.0002	6.38E-05	87.33%	22	0.3396	0.999898
0.3152	13.558	1.608	-0.0003	6.87E-05	86.22%	23	0.3455	0.999861
0.3158	13.565	1.616	-0.0004	7.12E-05	85.69%	24	0.3464	0.999838
0.3164	13.572	1.622	-0.0005	7.36E-05	85.20%	25	0.3419	0.999846
0.3169	13.578	1.629	-0.0005	7.60E-05	84.75%	26	0.3488	0.999804
0.3173	13.582	1.634	-0.0006	7.78E-05	84.40%	27	0.3495	0.999768
0.3178	13.587	1.639	-0.0006	7.98E-05	84.03%	28	0.3463	0.999774
0.3181	13.591	1.644	-0.0007	8.15E-05	83.73%	29	0.3435	0.999780
0.3183	13.594	1.646	-0.0007	8.24E-05	83.57%	30	0.3434	0.999785
0.3184	13.595	1.647	-0.0007	8.29E-05	83.48%	31	0.3439	0.999791
0.3187	13.598	1.651	-0.0008	8.44E-05	83.23%	32	0.3447	0.999797
0.3189	13.600	1.653	-0.0008	8.51E-05	83.11%	33	0.3422	0.999796
0.3189	13.601	1.654	-0.0008	8.55E-05	83.04%	34	0.3445	0.999800
				5.33E-05	90.05%	35	0.3447	0.999805
								0.999948

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1122	11.343	1.396	-0.0004	3.32E-05	104.67%
0.2746	13.182	1.554	-0.0005	5.69E-05	90.27%
0.5740	14.734	1.657	-0.0006	7.91E-05	82.81%
0.3127	13.343	1.519	-0.0004	4.80E-05	93.12%
0.3608	13.728	1.589	-0.0006	6.40E-05	87.60%
0.3341	13.497	1.532	-0.0003	4.98E-05	92.08%
0.3406	13.561	1.554	-0.0004	5.52E-05	90.31%
0.3356	13.509	1.531	-0.0003	4.95E-05	92.13%
0.3372	13.526	1.540	-0.0004	5.18E-05	91.39%
0.3381	13.535	1.546	-0.0004	5.33E-05	90.92%
0.3393	13.549	1.556	-0.0005	5.61E-05	90.14%
0.3417	13.575	1.577	-0.0007	6.24E-05	88.51%
0.3418	13.576	1.578	-0.0007	6.26E-05	88.46%
0.3432	13.591	1.592	-0.0009	6.71E-05	87.43%
0.3442	13.602	1.602	-0.0010	7.07E-05	86.66%
0.3440	13.600	1.600	-0.0010	7.00E-05	86.81%
0.3450	13.610	1.611	-0.0011	7.37E-05	86.05%
0.3458	13.619	1.620	-0.0012	7.71E-05	85.39%
0.3461	13.622	1.622	-0.0012	7.81E-05	85.21%
0.3459	13.620	1.621	-0.0012	7.74E-05	85.33%
0.3458	13.618	1.619	-0.0012	7.68E-05	85.44%
0.3457	13.618	1.618	-0.0012	7.65E-05	85.50%
0.3457	13.618	1.618	-0.0012	7.66E-05	85.48%
0.3455	13.616	1.616	-0.0012	7.58E-05	85.64%
0.3455	13.616	1.616	-0.0012	7.58E-05	85.63%
0.3456	13.616	1.617	-0.0012	7.59E-05	85.61%
				4.95E-05	92.13%

K3/K2
Run1
Rep2

Cycle		r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0001	
5	0.0008	
6	0.0018	
7	0.0056	
8	0.0117	
9	0.0194	
10	0.0374	0.997847
11	0.0608	0.999166
12	0.1060	0.999319
13	0.1602	0.999600
14	0.2224	0.999811
15	0.2804	0.999895
16	0.3222	0.999925
17	0.3530	0.999943
18	0.3679	0.999949
19	0.3755	0.999946
20	0.3835	0.999951
21	0.3896	0.999935
22	0.3843	0.999920
23	0.3965	0.999837
24	0.3969	0.999797
25	0.3967	0.999783
26	0.3969	0.999775
27	0.3988	0.999755
28	0.3964	0.999760
29	0.3955	0.999768
30	0.3982	0.999763
31	0.3966	0.999768
32	0.3919	0.999764
33	0.3971	0.999766
34	0.3946	0.999771
35	0.3932	0.999773
		0.999951

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	Cycle	K3/K2 Run1 Rep3	r2
						1	0.0000	
						2	0.0000	
						3	0.0000	
						4	0.0000	
						5	0.0000	
						6	0.0008	
						7	0.0058	
						8	0.0095	
0.5091	13.943	1.562	-0.0005	6.77E-05	89.65%	9	0.0190	r2
0.1627	11.715	1.417	-0.0004	4.17E-05	102.53%	10	0.0338	0.996824
1.2055	16.115	1.764	-0.0009	1.30E-04	76.25%	11	0.0602	0.998746
0.4067	13.670	1.585	-0.0005	7.31E-05	87.91%	12	0.0992	0.999562
0.3941	13.586	1.570	-0.0004	6.89E-05	89.03%	13	0.1550	0.999806
0.3966	13.605	1.575	-0.0005	7.03E-05	88.67%	14	0.2164	0.999901
0.3898	13.547	1.556	-0.0003	6.43E-05	90.18%	15	0.2678	0.999900
0.3924	13.571	1.566	-0.0004	6.76E-05	89.37%	16	0.3131	0.999909
0.3902	13.551	1.555	-0.0003	6.41E-05	90.22%	17	0.3343	0.999893
0.3882	13.531	1.543	-0.0002	6.02E-05	91.20%	18	0.3511	0.999916
0.3888	13.537	1.547	-0.0002	6.16E-05	90.84%	19	0.3599	0.999931
0.3904	13.552	1.559	-0.0004	6.56E-05	89.89%	20	0.3692	0.999904
0.3892	13.541	1.549	-0.0003	6.22E-05	90.68%	21	0.3716	0.999903
0.3913	13.561	1.567	-0.0005	6.84E-05	89.25%	22	0.3754	0.999885
0.3928	13.574	1.580	-0.0007	7.30E-05	88.29%	23	0.3773	0.999869
0.3937	13.582	1.588	-0.0008	7.61E-05	87.66%	24	0.3799	0.999837
0.3944	13.589	1.595	-0.0008	7.86E-05	87.19%	25	0.3813	0.999806
0.3951	13.596	1.602	-0.0009	8.16E-05	86.64%	26	0.3837	0.999756
0.3954	13.598	1.605	-0.0010	8.27E-05	86.44%	27	0.3815	0.999752
0.3956	13.600	1.606	-0.0010	8.32E-05	86.35%	28	0.3801	0.999758
0.3960	13.603	1.610	-0.0011	8.48E-05	86.07%	29	0.3749	0.999753
0.3961	13.605	1.612	-0.0011	8.55E-05	85.96%	30	0.3768	0.999759
0.3958	13.602	1.609	-0.0010	8.43E-05	86.16%	31	0.3783	0.999767
0.3960	13.604	1.611	-0.0011	8.51E-05	86.02%	32	0.3803	0.999768
0.3960	13.604	1.611	-0.0011	8.50E-05	86.04%	33	0.3783	0.999774
0.3959	13.602	1.609	-0.0010	8.45E-05	86.13%	34	0.3774	0.999779
				6.02E-05	91.20%	35	0.3752	0.999775
								0.999931

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0899	10.621	1.265	-0.0004	2.04E-05	120.36%
0.2954	13.049	1.516	-0.0006	5.40E-05	93.39%
0.3330	13.305	1.539	-0.0007	5.85E-05	91.53%
0.4314	13.921	1.611	-0.0008	7.63E-05	86.01%
0.3960	13.693	1.574	-0.0007	6.60E-05	88.75%
0.3661	13.459	1.515	-0.0004	5.07E-05	93.48%
0.3778	13.562	1.551	-0.0006	6.02E-05	90.55%
0.3695	13.485	1.517	-0.0004	5.08E-05	93.34%
0.3694	13.484	1.516	-0.0004	5.07E-05	93.38%
0.3696	13.486	1.518	-0.0004	5.11E-05	93.26%
0.3721	13.510	1.535	-0.0006	5.60E-05	91.81%
0.3732	13.521	1.544	-0.0007	5.87E-05	91.09%
0.3746	13.534	1.556	-0.0008	6.24E-05	90.17%
0.3757	13.545	1.566	-0.0009	6.57E-05	89.38%
0.3769	13.557	1.577	-0.0011	6.97E-05	88.50%
0.3780	13.567	1.588	-0.0012	7.34E-05	87.72%
0.3792	13.578	1.599	-0.0013	7.78E-05	86.87%
0.3797	13.584	1.605	-0.0014	8.00E-05	86.47%
0.3800	13.586	1.607	-0.0014	8.10E-05	86.29%
0.3795	13.582	1.603	-0.0014	7.93E-05	86.60%
0.3794	13.581	1.601	-0.0014	7.87E-05	86.71%
0.3794	13.581	1.602	-0.0014	7.88E-05	86.68%
0.3796	13.583	1.604	-0.0014	7.96E-05	86.53%
0.3796	13.583	1.604	-0.0014	7.97E-05	86.53%
0.3796	13.582	1.603	-0.0014	7.94E-05	86.58%
0.3793	13.580	1.601	-0.0014	7.85E-05	86.74%
				5.07E-05	93.48%

K3/K2
Run1
Rep4

Cycle		r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0000	
5	0.0011	
6	0.0023	
7	0.0051	
8	0.0129	
9	0.0224	
10	0.0400	0.998754
11	0.0708	0.999356
12	0.1179	0.999777
13	0.1788	0.999904
14	0.2531	0.999931
15	0.3235	0.999963
16	0.3723	0.999927
17	0.4050	0.999933
18	0.4239	0.999941
19	0.4376	0.999949
20	0.4464	0.999945
21	0.4501	0.999947
22	0.4527	0.999947
23	0.4579	0.999919
24	0.4634	0.999844
25	0.4598	0.999841
26	0.4605	0.999839
27	0.4593	0.999844
28	0.4642	0.999818
29	0.4598	0.999823
30	0.4627	0.999818
31	0.4608	0.999821
32	0.4587	0.999826
33	0.4602	0.999830
34	0.4616	0.999830
35	0.4587	0.999834
		0.999949

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1086	10.690	1.299	-0.0003	2.90E-05	115.87%
0.4005	13.392	1.564	-0.0006	7.65E-05	89.53%
0.4829	13.789	1.594	-0.0007	8.45E-05	87.25%
0.4231	13.476	1.557	-0.0006	7.39E-05	90.03%
0.4811	13.824	1.618	-0.0008	9.37E-05	85.51%
0.4811	13.824	1.618	-0.0008	9.37E-05	85.52%
0.4584	13.664	1.567	-0.0004	7.48E-05	89.30%
0.4519	13.614	1.546	-0.0002	6.75E-05	90.96%
0.4492	13.593	1.534	-0.0001	6.37E-05	91.90%
0.4501	13.600	1.539	-0.0002	6.54E-05	91.50%
0.4519	13.614	1.549	-0.0003	6.89E-05	90.69%
0.4528	13.622	1.555	-0.0004	7.11E-05	90.21%
0.4535	13.628	1.560	-0.0005	7.30E-05	89.80%
0.4551	13.640	1.572	-0.0006	7.74E-05	88.92%
0.4572	13.657	1.588	-0.0009	8.41E-05	87.70%
0.4579	13.663	1.594	-0.0010	8.66E-05	87.27%
0.4586	13.668	1.599	-0.0010	8.88E-05	86.90%
0.4588	13.670	1.601	-0.0011	8.98E-05	86.73%
0.4597	13.677	1.608	-0.0012	9.31E-05	86.22%
0.4599	13.678	1.609	-0.0012	9.37E-05	86.12%
0.4603	13.681	1.613	-0.0013	9.54E-05	85.86%
0.4605	13.683	1.615	-0.0013	9.61E-05	85.75%
0.4604	13.682	1.614	-0.0013	9.60E-05	85.77%
0.4605	13.683	1.615	-0.0013	9.63E-05	85.72%
0.4607	13.685	1.617	-0.0013	9.71E-05	85.61%
0.4607	13.684	1.616	-0.0013	9.69E-05	85.64%
				6.37E-05	91.90%

Amplicon: K3/K2

No: 4.17E+06

K3/K2
Run1-5 Av.

Cycle	Av. Fc	CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
1	0.0001							
2	0.0003							
3	0.0002							
4	0.0003							
5	0.0004							
6	0.0005							
7	0.0010							
8	0.0013							
9	0.0023							
10	0.0040	31.38%	0.996259	0.5519	18.550	1.717	0.0002	1.12E-05
11	0.0073	30.32%	0.998773	1.6379	19.861	1.628	0.0002	8.23E-06
12	0.0138	15.48%	0.999542	4.3384	20.973	1.556	0.0002	6.09E-06
13	0.0247	14.90%	0.999807	0.1840	15.822	1.506	0.0002	5.04E-06
14	0.0432	14.28%	0.999938	0.2324	16.273	1.531	0.0002	5.64E-06
15	0.0726	13.62%	0.999972	0.3113	16.881	1.576	0.0002	6.92E-06
16	0.1154	13.56%	0.999985	0.3601	17.212	1.607	0.0002	8.02E-06
17	0.1719	13.87%	0.999984	0.4104	17.543	1.649	0.0001	9.82E-06
18	0.2324	14.30%	0.999991	0.4012	17.478	1.637	0.0001	9.28E-06
19	0.2842	14.16%	0.999985	0.3877	17.369	1.610	0.0002	8.00E-06
20	0.3204	14.85%	0.999972	0.3788	17.289	1.582	0.0004	6.82E-06
21	0.3431	15.17%	0.999969	0.3750	17.252	1.566	0.0004	6.17E-06
22	0.3559	15.41%	0.999969	0.3730	17.232	1.556	0.0005	5.76E-06
23	0.3650	15.45%	0.999974	0.3733	17.235	1.557	0.0005	5.82E-06
24	0.3701	15.04%	0.999976	0.3738	17.240	1.561	0.0005	5.96E-06
25	0.3746	15.16%	0.999968	0.3748	17.251	1.569	0.0004	6.29E-06
26	0.3776	15.42%	0.999954	0.3759	17.262	1.578	0.0003	6.68E-06
27	0.3808	15.39%	0.999924	0.3772	17.275	1.590	0.0002	7.20E-06
28	0.3813	15.52%	0.999909	0.3780	17.284	1.598	0.0002	7.58E-06
29	0.3833	15.60%	0.999884	0.3790	17.294	1.607	0.0001	8.03E-06
30	0.3830	15.33%	0.999873	0.3796	17.301	1.613	0.0000	8.35E-06
31	0.3839	15.42%	0.999861	0.3802	17.307	1.619	0.0000	8.66E-06
32	0.3844	15.54%	0.999850	0.3807	17.312	1.624	-0.0001	8.95E-06
33	0.3858	15.38%	0.999830	0.3813	17.319	1.630	-0.0001	9.28E-06
34	0.3855	15.42%	0.999820	0.3817	17.323	1.635	-0.0002	9.55E-06
35	0.3857	15.26%	0.999811	0.3821	17.327	1.639	-0.0002	9.79E-06
36	0.3852	15.51%	0.999807	0.3824	17.330	1.642	-0.0002	9.97E-06
37	0.3859	15.48%	0.999801	0.3827	17.333	1.645	-0.0003	1.02E-05
38	0.3849	15.29%	0.999802	0.3829	17.335	1.647	-0.0003	1.03E-05
39	0.3853	14.97%	0.999800	0.3830	17.337	1.649	-0.0003	1.04E-05
40	0.3847	15.24%	0.999802	0.3832	17.339	1.650	-0.0003	1.05E-05
41	0.3846	15.42%	0.999804	0.3833	17.340	1.652	-0.0003	1.06E-05
42	0.3855	15.33%	0.999803	0.3834	17.341	1.653	-0.0003	1.07E-05
43	0.3847	15.39%	0.999805	0.3835	17.342	1.654	-0.0004	1.07E-05
44	0.3846	15.19%	0.999807	0.3836	17.343	1.655	-0.0004	1.08E-05
45	0.3854	15.60%	0.999806	0.3837	17.344	1.656	-0.0004	1.09E-05
			0.999976					5.76E-06

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0000	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0016	0.0007	0.0000	0.0000	0.0000	0.0008
3	0.0002	0.0000	0.0000	0.0000	0.0001	0.0004	0.0000	0.0000
4	0.0000	0.0007	0.0004	0.0000	0.0012	0.0007	0.0010	0.0000
5	0.0003	0.0007	0.0000	0.0013	0.0011	0.0017	0.0000	0.0000
6	0.0005	0.0001	0.0000	0.0000	0.0013	0.0017	0.0001	0.0000
7	0.0005	0.0000	0.0011	0.0000	0.0008	0.0014	0.0017	0.0010
8	0.0012	0.0003	0.0016	0.0010	0.0016	0.0013	0.0002	0.0005
9	0.0011	0.0012	0.0000	0.0000	0.0030	0.0044	0.0031	0.0020
10	0.0031	0.0039	0.0014	0.0031	0.0067	0.0055	0.0056	0.0046
11	0.0072	0.0017	0.0051	0.0046	0.0087	0.0112	0.0092	0.0106
12	0.0108	0.0126	0.0132	0.0108	0.0176	0.0159	0.0159	0.0166
13	0.0232	0.0268	0.0243	0.0210	0.0279	0.0310	0.0281	0.0301
14	0.0440	0.0466	0.0451	0.0346	0.0492	0.0517	0.0502	0.0530
15	0.0761	0.0802	0.0803	0.0599	0.0798	0.0866	0.0830	0.0882
16	0.1206	0.1280	0.1272	0.0977	0.1280	0.1352	0.1319	0.1421
17	0.1808	0.1893	0.1897	0.1459	0.1918	0.2068	0.1986	0.2126
18	0.2438	0.2564	0.2521	0.2019	0.2600	0.2772	0.2691	0.2937
19	0.2995	0.3153	0.3127	0.2516	0.3150	0.3384	0.3253	0.3616
20	0.3344	0.3533	0.3495	0.2842	0.3576	0.3817	0.3727	0.4152
21	0.3560	0.3763	0.3744	0.3072	0.3799	0.4152	0.4011	0.4492
22	0.3689	0.3890	0.3900	0.3228	0.3914	0.4316	0.4170	0.4692
23	0.3815	0.4024	0.4003	0.3287	0.4084	0.4386	0.4258	0.4762
24	0.3834	0.4064	0.4096	0.3365	0.4118	0.4453	0.4289	0.4811
25	0.3887	0.4086	0.4126	0.3349	0.4202	0.4522	0.4345	0.4896
26	0.3910	0.4145	0.4153	0.3384	0.4249	0.4565	0.4412	0.4954
27	0.3978	0.4181	0.4179	0.3403	0.4220	0.4601	0.4463	0.5004
28	0.3950	0.4157	0.4180	0.3396	0.4275	0.4603	0.4456	0.5025
29	0.3940	0.4158	0.4225	0.3434	0.4278	0.4652	0.4517	0.5074
30	0.3934	0.4143	0.4186	0.3391	0.4304	0.4626	0.4495	0.5029
31	0.3959	0.4206	0.4198	0.3430	0.4287	0.4658	0.4491	0.5054
32	0.3928	0.4194	0.4210	0.3408	0.4311	0.4673	0.4497	0.5067
33	0.3984	0.4146	0.4235	0.3409	0.4324	0.4631	0.4511	0.5105
34	0.3975	0.4121	0.4206	0.3429	0.4350	0.4647	0.4537	0.5062
35	0.3934	0.4183	0.4166	0.3409	0.4306	0.4669	0.4530	0.5053
36	0.3945	0.4165	0.4177	0.3430	0.4329	0.4670	0.4517	0.5095
37	0.3942	0.4153	0.4260	0.3414	0.4317	0.4685	0.4508	0.5066
38	0.3971	0.4152	0.4227	0.3408	0.4313	0.4611	0.4527	0.5041
39	0.3949	0.4169	0.4199	0.3406	0.4279	0.4633	0.4522	0.5000
40	0.3938	0.4182	0.4215	0.3413	0.4303	0.4626	0.4482	0.5047
41	0.3934	0.4140	0.4177	0.3407	0.4337	0.4636	0.4511	0.5062
42	0.3935	0.4191	0.4193	0.3424	0.4300	0.4659	0.4520	0.5043
43	0.3940	0.4145	0.4196	0.3428	0.4325	0.4611	0.4501	0.5054
44	0.3930	0.4122	0.4140	0.3415	0.4340	0.4595	0.4483	0.5026
45	0.3893	0.4152	0.4165	0.3413	0.4373	0.4695	0.4506	0.5063

Eo	Cycle	K3/K2 Run1 Av. Av. Fc	CV	r2	Fmax	$C_{1/2}$	k	Fb
	1	0.0000						
	2	0.0006						
	3	0.0001						
	4	0.0003						
	5	0.0006						
	6	0.0002						
	7	0.0004						
	8	0.0010						
	9	0.0006						
79.01%	10	0.0029						
84.84%	11	0.0047						
90.13%	12	0.0119	10.44%	0.989753	1.2315	17.226	1.120	0.0003
94.24%	13	0.0238	10.12%	0.997495	0.0682	13.663	1.034	0.0003
92.12%	14	0.0426	12.74%	0.999258	0.0900	14.133	1.098	0.0003
88.64%	15	0.0741	13.06%	0.999454	0.2017	15.726	1.324	0.0001
86.33%	16	0.1184	11.98%	0.999746	0.2760	16.409	1.415	0.0000
83.41%	17	0.1764	11.77%	0.999812	0.3592	17.056	1.518	-0.0002
84.18%	18	0.2386	10.47%	0.999890	0.3878	17.269	1.560	-0.0003
86.10%	19	0.2948	10.04%	0.999928	0.3996	17.363	1.584	-0.0003
88.12%	20	0.3304	9.64%	0.999925	0.3887	17.268	1.551	-0.0002
89.37%	21	0.3535	9.10%	0.999936	0.3851	17.235	1.537	-0.0001
90.19%	22	0.3677	8.56%	0.999949	0.3845	17.229	1.534	-0.0001
90.06%	23	0.3782	9.08%	0.999950	0.3860	17.244	1.543	-0.0002
89.78%	24	0.3840	8.79%	0.999947	0.3873	17.257	1.552	-0.0002
89.15%	25	0.3862	9.26%	0.999949	0.3879	17.263	1.557	-0.0003
88.44%	26	0.3898	9.25%	0.999940	0.3889	17.273	1.565	-0.0003
87.58%	27	0.3935	9.34%	0.999909	0.3903	17.287	1.576	-0.0004
86.98%	28	0.3921	9.30%	0.999909	0.3908	17.292	1.581	-0.0005
86.32%	29	0.3939	9.09%	0.999900	0.3914	17.299	1.587	-0.0005
85.87%	30	0.3914	9.33%	0.999905	0.3915	17.300	1.588	-0.0005
85.45%	31	0.3948	9.22%	0.999895	0.3921	17.305	1.593	-0.0006
85.08%	32	0.3935	9.51%	0.999896	0.3923	17.308	1.595	-0.0006
84.66%	33	0.3944	9.41%	0.999894	0.3926	17.310	1.598	-0.0006
84.35%	34	0.3933	8.88%	0.999897	0.3927	17.312	1.599	-0.0006
84.07%	35	0.3923	9.20%	0.999900	0.3927	17.312	1.600	-0.0006
83.86%	36	0.3929	8.89%	0.999903	0.3928	17.313	1.600	-0.0007
83.65%	37	0.3942	9.54%	0.999902	0.3930	17.314	1.602	-0.0007
83.52%	38	0.3940	9.40%	0.999902	0.3931	17.316	1.603	-0.0007
83.38%	39	0.3931	9.34%	0.999904	0.3931	17.316	1.604	-0.0007
83.29%	40	0.3937	9.41%	0.999905	0.3932	17.317	1.604	-0.0007
83.21%	41	0.3915	9.06%	0.999907	0.3932	17.316	1.604	-0.0007
83.10%	42	0.3936	9.20%	0.999907	0.3932	17.317	1.604	-0.0007
83.04%	43	0.3927	8.93%	0.999909	0.3932	17.317	1.604	-0.0007
82.98%	44	0.3902	8.67%	0.999907	0.3931	17.316	1.603	-0.0007
82.90%	45	0.3906	9.00%	0.999906	0.3930	17.315	1.602	-0.0007
90.19%				0.999950				

Run#3				Run#4				
Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1
0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000
0.0000	0.0000	0.0010	0.0000	0.0006	0.0000	0.0004	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0008	0.0000	0.0012	0.0000	0.0003
0.0002	0.0021	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000
0.0000	0.0000	0.0003	0.0000	0.0000	0.0016	0.0000	0.0000	0.0000
0.0006	0.0007	0.0002	0.0006	0.0000	0.0007	0.0000	0.0020	0.0003
0.0025	0.0015	0.0018	0.0009	0.0025	0.0006	0.0023	0.0002	0.0000
0.0015	0.0027	0.0035	0.0014	0.0019	0.0015	0.0000	0.0001	0.0001
0.0054	0.0031	0.0032	0.0020	0.0013	0.0026	0.0018	0.0021	0.0019
0.0032	0.0052	0.0034	0.0035	0.0046	0.0027	0.0054	0.0039	0.0037
0.0064	0.0075	0.0080	0.0072	0.0084	0.0076	0.0085	0.0077	0.0052
0.0144	0.0134	0.0148	0.0137	0.0159	0.0151	0.0143	0.0105	0.0107
0.0252	0.0249	0.0273	0.0227	0.0253	0.0250	0.0273	0.0203	0.0174
0.0436	0.0420	0.0467	0.0353	0.0428	0.0455	0.0461	0.0354	0.0340
0.0708	0.0707	0.0742	0.0638	0.0700	0.0788	0.0749	0.0576	0.0567
0.1157	0.1155	0.1174	0.1003	0.1132	0.1261	0.1161	0.0898	0.0897
0.1677	0.1699	0.1778	0.1505	0.1641	0.1849	0.1723	0.1346	0.1349
0.2313	0.2359	0.2460	0.2026	0.2189	0.2458	0.2336	0.1818	0.1770
0.2868	0.2893	0.3011	0.2539	0.2616	0.2955	0.2791	0.2214	0.2154
0.3262	0.3287	0.3431	0.2895	0.2871	0.3325	0.3119	0.2417	0.2393
0.3537	0.3515	0.3708	0.3133	0.3065	0.3462	0.3324	0.2585	0.2563
0.3596	0.3637	0.3887	0.3266	0.3197	0.3652	0.3417	0.2695	0.2622
0.3713	0.3780	0.4016	0.3331	0.3235	0.3726	0.3550	0.2723	0.2668
0.3770	0.3806	0.4049	0.3410	0.3286	0.3754	0.3588	0.2759	0.2770
0.3824	0.3859	0.4102	0.3447	0.3340	0.3802	0.3608	0.2845	0.2775
0.3849	0.3919	0.4099	0.3459	0.3333	0.3841	0.3619	0.2891	0.2754
0.3875	0.3914	0.4173	0.3533	0.3363	0.3838	0.3669	0.2857	0.2826
0.3901	0.3962	0.4195	0.3555	0.3400	0.3846	0.3648	0.2867	0.2806
0.3918	0.3948	0.4225	0.3549	0.3388	0.3853	0.3706	0.2892	0.2855
0.3970	0.3936	0.4189	0.3568	0.3391	0.3881	0.3718	0.2899	0.2827
0.3955	0.3945	0.4186	0.3571	0.3384	0.3897	0.3687	0.2879	0.2862
0.3944	0.3975	0.4211	0.3593	0.3400	0.3901	0.3708	0.2909	0.2840
0.3972	0.3977	0.4214	0.3589	0.3441	0.3908	0.3751	0.2911	0.2845
0.3947	0.3976	0.4280	0.3614	0.3398	0.3905	0.3739	0.2917	0.2839
0.3985	0.3996	0.4241	0.3646	0.3440	0.3889	0.3714	0.2922	0.2847
0.3959	0.3974	0.4234	0.3591	0.3426	0.3915	0.3704	0.2923	0.2847
0.3951	0.4027	0.4277	0.3601	0.3413	0.3919	0.3721	0.2907	0.2834
0.3976	0.3982	0.4224	0.3604	0.3415	0.3881	0.3748	0.2896	0.2855
0.3955	0.4004	0.4224	0.3625	0.3385	0.3907	0.3774	0.2929	0.2867
0.3902	0.3948	0.4260	0.3623	0.3412	0.3914	0.3715	0.2928	0.2823
0.3982	0.3979	0.4258	0.3602	0.3435	0.3895	0.3692	0.2922	0.2808
0.4002	0.3976	0.4263	0.3628	0.3432	0.3895	0.3704	0.2908	0.2840
0.3992	0.4041	0.4238	0.3617	0.3409	0.3917	0.3687	0.2902	0.2833
0.3986	0.4051	0.4293	0.3622	0.3413	0.3887	0.3706	0.2882	0.2841
0.3984	0.4004	0.4235	0.3614	0.3388	0.3976	0.3700	0.2891	0.2840

Cycle	K3/K2 Run2 Av. Av. Fc
1	0.0005
2	0.0002
3	0.0001
4	0.0007
5	0.0007
6	0.0008
7	0.0012
8	0.0009
9	0.0031
10	0.0056
11	0.0099
12	0.0165
13	0.0293
14	0.0510
15	0.0844
16	0.1343
17	0.2025
18	0.2750
19	0.3351
20	0.3818
21	0.4114
22	0.4273
23	0.4373
24	0.4418
25	0.4491
26	0.4545
27	0.4572
28	0.4590
29	0.4630
30	0.4614
31	0.4623
32	0.4637
33	0.4643
34	0.4649
35	0.4640
36	0.4653
37	0.4644
38	0.4623
39	0.4609
40	0.4615
41	0.4637
42	0.4631
43	0.4623
44	0.4611
45	0.4659

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
2.57E-07	144.24%	4.87%	0.996880	0.0359	12.265	1.255
1.25E-07	162.95%	5.19%	0.998465	0.2581	16.387	1.637
2.30E-07	148.70%	3.27%	0.999498	0.8129	18.630	1.709
1.40E-06	112.79%	4.45%	0.999816	0.4192	17.284	1.653
2.55E-06	102.70%	4.45%	0.999927	0.4875	17.631	1.682
4.73E-06	93.26%	4.51%	0.999963	0.5592	17.978	1.720
6.02E-06	89.87%	5.20%	0.999962	0.4981	17.651	1.668
6.93E-06	88.02%	6.00%	0.999924	0.4583	17.387	1.603
5.70E-06	90.52%	6.39%	0.999947	0.4540	17.355	1.592
5.19E-06	91.69%	7.08%	0.999960	0.4519	17.338	1.585
5.08E-06	91.95%	7.61%	0.999962	0.4495	17.318	1.574
5.40E-06	91.20%	6.58%	0.999967	0.4488	17.311	1.570
5.74E-06	90.48%	6.69%	0.999970	0.4481	17.305	1.566
5.92E-06	90.11%	6.68%	0.999962	0.4493	17.316	1.574
6.25E-06	89.47%	6.64%	0.999934	0.4511	17.332	1.587
6.74E-06	88.58%	7.18%	0.999905	0.4526	17.345	1.599
6.96E-06	88.22%	6.96%	0.999881	0.4540	17.357	1.609
7.24E-06	87.76%	7.21%	0.999829	0.4555	17.371	1.622
7.27E-06	87.70%	6.65%	0.999816	0.4564	17.379	1.629
7.51E-06	87.34%	7.04%	0.999803	0.4572	17.385	1.636
7.62E-06	87.16%	6.96%	0.999785	0.4580	17.392	1.643
7.76E-06	86.96%	7.17%	0.999769	0.4587	17.399	1.649
7.82E-06	86.86%	6.48%	0.999754	0.4594	17.404	1.655
7.83E-06	86.85%	6.76%	0.999749	0.4598	17.408	1.659
7.87E-06	86.80%	7.01%	0.999738	0.4603	17.413	1.663
7.95E-06	86.68%	6.87%	0.999736	0.4606	17.416	1.666
8.01E-06	86.60%	6.61%	0.999741	0.4608	17.417	1.667
8.03E-06	86.57%	6.51%	0.999747	0.4608	17.417	1.668
8.07E-06	86.51%	6.87%	0.999752	0.4609	17.418	1.668
8.04E-06	86.55%	6.67%	0.999753	0.4610	17.419	1.670
8.07E-06	86.51%	6.74%	0.999755	0.4612	17.420	1.671
8.08E-06	86.50%	6.72%	0.999759	0.4613	17.421	1.672
8.01E-06	86.59%	6.41%	0.999763	0.4613	17.421	1.672
7.97E-06	86.66%	6.44%	0.999755	0.4615	17.423	1.674
5.08E-06	91.95%		0.999970			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0002
0.0002	0.0000	0.0006
0.0005	0.0000	0.0007
0.0000	0.0000	0.0000
0.0000	0.0005	0.0001
0.0011	0.0007	0.0000
0.0000	0.0000	0.0011
0.0030	0.0007	0.0010
0.0033	0.0030	0.0015
0.0035	0.0036	0.0028
0.0080	0.0084	0.0046
0.0143	0.0150	0.0113
0.0235	0.0256	0.0174
0.0434	0.0434	0.0312
0.0707	0.0759	0.0542
0.1079	0.1175	0.0880
0.1630	0.1747	0.1288
0.2120	0.2355	0.1725
0.2614	0.2862	0.2134
0.2980	0.3223	0.2395
0.3132	0.3453	0.2544
0.3264	0.3551	0.2594
0.3334	0.3619	0.2692
0.3368	0.3670	0.2764
0.3413	0.3697	0.2793
0.3429	0.3755	0.2802
0.3515	0.3758	0.2811
0.3448	0.3770	0.2811
0.3450	0.3785	0.2818
0.3503	0.3761	0.2850
0.3469	0.3800	0.2852
0.3479	0.3799	0.2827
0.3513	0.3839	0.2861
0.3474	0.3814	0.2862
0.3506	0.3834	0.2862
0.3481	0.3826	0.2829
0.3499	0.3805	0.2875
0.3489	0.3808	0.2848
0.3513	0.3841	0.2878
0.3513	0.3831	0.2860
0.3496	0.3800	0.2852
0.3522	0.3817	0.2844
0.3499	0.3785	0.2829
0.3506	0.3807	0.2873
0.3484	0.3861	0.2839

Cycle	K3/K2 Run3 Av. Av. Fc
1	0.0000
2	0.0003
3	0.0000
4	0.0006
5	0.0001
6	0.0005
7	0.0017
8	0.0023
9	0.0034
10	0.0038
11	0.0073
12	0.0141
13	0.0250
14	0.0419
15	0.0699
16	0.1122
17	0.1665
18	0.2290
19	0.2828
20	0.3219
21	0.3473
22	0.3597
23	0.3710
24	0.3759
25	0.3808
26	0.3832
27	0.3874
28	0.3903
29	0.3910
30	0.3916
31	0.3914
32	0.3931
33	0.3938
34	0.3954
35	0.3967
36	0.3940
37	0.3964
38	0.3947
39	0.3952
40	0.3933
41	0.3955
42	0.3967
43	0.3972
44	0.3988
45	0.3959

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0004	2.05E-06	121.79%	4.54%	0.984883	0.7795	18.916
0.0003	1.16E-05	84.21%	7.52%	0.995526	1.9922	20.300
0.0002	1.50E-05	79.52%	11.49%	0.998345	0.2193	16.311
0.0003	1.21E-05	83.11%	6.25%	0.999411	0.3594	17.381
0.0002	1.36E-05	81.24%	7.12%	0.999774	0.4725	18.007
0.0002	1.61E-05	78.88%	6.91%	0.999900	0.4189	17.704
0.0003	1.26E-05	82.13%	8.13%	0.999951	0.4265	17.755
0.0006	8.94E-06	86.58%	7.16%	0.999947	0.4006	17.556
0.0007	8.39E-06	87.39%	7.09%	0.999940	0.3884	17.449
0.0007	8.03E-06	87.93%	6.99%	0.999946	0.3840	17.407
0.0008	7.51E-06	88.73%	7.09%	0.999930	0.3797	17.365
0.0008	7.32E-06	89.04%	7.66%	0.999942	0.3802	17.369
0.0009	7.11E-06	89.38%	7.01%	0.999950	0.3804	17.371
0.0008	7.51E-06	88.75%	7.11%	0.999948	0.3813	17.381
0.0007	8.16E-06	87.78%	7.04%	0.999944	0.3821	17.389
0.0005	8.79E-06	86.91%	6.79%	0.999915	0.3835	17.403
0.0004	9.38E-06	86.17%	6.78%	0.999871	0.3849	17.418
0.0003	1.02E-05	85.25%	7.10%	0.999843	0.3859	17.429
0.0002	1.06E-05	84.73%	6.58%	0.999823	0.3868	17.438
0.0001	1.11E-05	84.26%	6.50%	0.999813	0.3874	17.444
0.0001	1.16E-05	83.80%	6.48%	0.999794	0.3881	17.451
0.0000	1.20E-05	83.38%	6.57%	0.999775	0.3887	17.458
-0.0001	1.24E-05	83.00%	6.89%	0.999746	0.3894	17.465
-0.0001	1.27E-05	82.74%	6.16%	0.999710	0.3901	17.472
-0.0002	1.31E-05	82.45%	6.71%	0.999707	0.3904	17.476
-0.0002	1.33E-05	82.25%	7.04%	0.999687	0.3909	17.481
-0.0002	1.34E-05	82.16%	6.48%	0.999684	0.3912	17.484
-0.0002	1.34E-05	82.15%	6.26%	0.999679	0.3915	17.487
-0.0002	1.34E-05	82.12%	6.63%	0.999683	0.3917	17.488
-0.0002	1.36E-05	82.01%	6.81%	0.999678	0.3919	17.491
-0.0003	1.37E-05	81.93%	6.57%	0.999667	0.3922	17.494
-0.0003	1.37E-05	81.88%	6.53%	0.999654	0.3925	17.498
-0.0003	1.37E-05	81.88%	6.96%	0.999630	0.3929	17.501
-0.0003	1.39E-05	81.73%	6.49%	0.999628	0.3931	17.503
	7.11E-06	89.38%		0.999950		

k	Fb	Fo	Eo
1.710	0.0003	1.22E-05	79.46%
1.666	0.0003	1.02E-05	82.24%
1.593	0.0003	7.84E-06	87.33%
1.668	0.0003	1.07E-05	82.11%
1.716	0.0002	1.31E-05	79.12%
1.683	0.0003	1.13E-05	81.14%
1.692	0.0003	1.18E-05	80.61%
1.645	0.0004	9.29E-06	83.65%
1.610	0.0006	7.64E-06	86.08%
1.593	0.0007	6.89E-06	87.35%
1.571	0.0008	5.99E-06	89.03%
1.573	0.0008	6.09E-06	88.83%
1.575	0.0008	6.15E-06	88.72%
1.582	0.0007	6.46E-06	88.15%
1.589	0.0007	6.74E-06	87.65%
1.601	0.0006	7.27E-06	86.78%
1.614	0.0005	7.90E-06	85.84%
1.624	0.0004	8.42E-06	85.11%
1.632	0.0003	8.87E-06	84.52%
1.639	0.0002	9.22E-06	84.10%
1.646	0.0002	9.62E-06	83.62%
1.652	0.0001	1.00E-05	83.18%
1.659	0.0000	1.04E-05	82.71%
1.666	0.0000	1.09E-05	82.23%
1.670	-0.0001	1.11E-05	81.99%
1.675	-0.0001	1.15E-05	81.64%
1.678	-0.0001	1.17E-05	81.44%
1.682	-0.0002	1.19E-05	81.24%
1.683	-0.0002	1.20E-05	81.15%
1.686	-0.0002	1.22E-05	80.97%
1.689	-0.0002	1.25E-05	80.76%
1.692	-0.0003	1.27E-05	80.55%
1.696	-0.0003	1.30E-05	80.31%
1.698	-0.0003	1.31E-05	80.19%
		5.99E-06	89.03%

Cycle	K3/K2 Run4 Av. Av. Fc	CV	r2	Fmax
1	0.0001			
2	0.0003			
3	0.0005			
4	0.0001			
5	0.0004			
6	0.0007			
7	0.0014			
8	0.0009			
9	0.0020			
10	0.0042	27.58%	0.942983	0.5338
11	0.0081	5.78%	0.986352	0.4861
12	0.0140	17.14%	0.995686	0.0354
13	0.0245	12.11%	0.998483	0.0968
14	0.0425	11.58%	0.999441	0.2554
15	0.0703	13.10%	0.999803	0.3081
16	0.1113	13.80%	0.999918	0.3740
17	0.1640	13.03%	0.999964	0.3895
18	0.2200	12.61%	0.999980	0.3778
19	0.2644	12.04%	0.999940	0.3524
20	0.2933	13.33%	0.999906	0.3400
21	0.3109	12.42%	0.999907	0.3354
22	0.3240	12.60%	0.999925	0.3360
23	0.3309	13.30%	0.999935	0.3367
24	0.3347	13.06%	0.999942	0.3371
25	0.3399	12.21%	0.999922	0.3385
26	0.3421	11.98%	0.999904	0.3397
27	0.3432	12.55%	0.999892	0.3405
28	0.3440	12.31%	0.999883	0.3412
29	0.3460	12.29%	0.999862	0.3420
30	0.3472	12.47%	0.999837	0.3428
31	0.3462	12.77%	0.999831	0.3432
32	0.3480	12.44%	0.999813	0.3438
33	0.3503	12.55%	0.999773	0.3445
34	0.3490	12.50%	0.999759	0.3449
35	0.3491	12.09%	0.999747	0.3453
36	0.3492	12.28%	0.999739	0.3457
37	0.3490	12.63%	0.999734	0.3459
38	0.3485	12.59%	0.999733	0.3461
39	0.3499	12.57%	0.999725	0.3464
40	0.3492	12.29%	0.999722	0.3466
41	0.3486	12.06%	0.999723	0.3468
42	0.3485	12.31%	0.999725	0.3469
43	0.3479	12.56%	0.999729	0.3469
44	0.3472	12.65%	0.999733	0.3470
45	0.3489	13.34%	0.999733	0.3471
			0.999942	

C1/2	k	Fb	Fo	Eo
16.955	1.406	0.0003	3.08E-06	103.70%
16.687	1.379	0.0003	2.70E-06	106.50%
12.569	1.219	0.0003	1.17E-06	127.18%
14.593	1.449	0.0003	4.10E-06	99.35%
16.584	1.596	0.0002	7.85E-06	87.11%
16.983	1.623	0.0002	8.81E-06	85.16%
17.432	1.664	0.0001	1.05E-05	82.40%
17.536	1.677	0.0001	1.12E-05	81.57%
17.449	1.661	0.0001	1.04E-05	82.58%
17.225	1.603	0.0003	7.61E-06	86.59%
17.100	1.558	0.0005	5.83E-06	89.99%
17.051	1.535	0.0007	5.04E-06	91.80%
17.058	1.539	0.0006	5.17E-06	91.49%
17.065	1.544	0.0006	5.33E-06	91.12%
17.070	1.548	0.0006	5.47E-06	90.80%
17.086	1.560	0.0005	5.94E-06	89.81%
17.099	1.571	0.0004	6.39E-06	88.96%
17.109	1.580	0.0003	6.75E-06	88.30%
17.117	1.587	0.0003	7.07E-06	87.77%
17.126	1.596	0.0002	7.46E-06	87.13%
17.135	1.604	0.0001	7.87E-06	86.52%
17.140	1.609	0.0001	8.12E-06	86.16%
17.146	1.615	0.0000	8.44E-06	85.71%
17.155	1.623	0.0000	8.87E-06	85.14%
17.160	1.629	-0.0001	9.16E-06	84.77%
17.164	1.633	-0.0001	9.42E-06	84.46%
17.168	1.637	-0.0001	9.66E-06	84.18%
17.172	1.641	-0.0002	9.85E-06	83.96%
17.174	1.643	-0.0002	9.99E-06	83.80%
17.177	1.646	-0.0002	1.02E-05	83.58%
17.179	1.649	-0.0002	1.03E-05	83.41%
17.181	1.650	-0.0003	1.04E-05	83.30%
17.182	1.652	-0.0003	1.05E-05	83.21%
17.183	1.652	-0.0003	1.06E-05	83.15%
17.183	1.653	-0.0003	1.06E-05	83.13%
17.185	1.654	-0.0003	1.07E-05	83.04%
			5.04E-06	91.80%

K3/K2 Run5 Av.

Cycle	Av. Fc	CV	r2
1	0.0001		
2	0.0002		
3	0.0004		
4	0.0000		
5	0.0002		
6	0.0005		
7	0.0003		
8	0.0012		
9	0.0024		
10	0.0034	12.01%	0.983102
11	0.0066	29.43%	0.988148
12	0.0128	16.69%	0.996430
13	0.0210	20.10%	0.998357
14	0.0380	16.68%	0.999104
15	0.0644	16.42%	0.999690
16	0.1008	14.22%	0.999860
17	0.1504	14.65%	0.999913
18	0.1993	15.02%	0.999935
19	0.2441	14.65%	0.999962
20	0.2748	15.30%	0.999967
21	0.2923	15.27%	0.999951
22	0.3008	15.84%	0.999924
23	0.3078	15.41%	0.999934
24	0.3143	14.36%	0.999931
25	0.3170	14.51%	0.999928
26	0.3185	15.35%	0.999926
27	0.3228	14.95%	0.999883
28	0.3209	14.97%	0.999884
29	0.3227	14.61%	0.999873
30	0.3235	14.53%	0.999861
31	0.3246	14.44%	0.999843
32	0.3236	14.93%	0.999841
33	0.3265	15.12%	0.999812
34	0.3247	14.74%	0.999807
35	0.3262	15.01%	0.999792
36	0.3246	15.14%	0.999793
37	0.3253	14.67%	0.999790
38	0.3250	14.71%	0.999789
39	0.3275	14.76%	0.999771
40	0.3257	15.26%	0.999769
41	0.3239	15.09%	0.999774
42	0.3256	15.13%	0.999773
43	0.3237	14.91%	0.999777
44	0.3257	14.67%	0.999776
45	0.3256	15.51%	0.999776
			0.999967

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	Cycle	K3/K2 Run1 Rep1	r2
						1	0.0000	
						2	0.0000	
						3	0.0000	
						4	0.0000	
						5	0.0003	
						6	0.0005	
						7	0.0005	
						8	0.0012	
0.0036	8.676	0.659	0.0002	6.94E-09	356.38%	9	0.0011	r2
0.1140	15.588	1.629	0.0001	7.94E-06	84.78%	10	0.0031	0.943971
2.8369	20.316	1.537	0.0001	5.15E-06	91.68%	11	0.0072	0.988232
0.0576	13.775	1.373	0.0002	2.53E-06	107.17%	12	0.0108	0.993747
1.3513	20.076	1.714	0.0000	1.10E-05	79.24%	13	0.0232	0.994774
0.4365	17.913	1.660	0.0001	8.98E-06	82.66%	14	0.0440	0.998605
0.2917	17.016	1.588	0.0001	6.48E-06	87.70%	15	0.0761	0.999497
0.3590	17.547	1.658	0.0000	9.12E-06	82.75%	16	0.1206	0.999810
0.3265	17.276	1.609	0.0001	7.10E-06	86.16%	17	0.1808	0.999800
0.3292	17.302	1.616	0.0001	7.37E-06	85.68%	18	0.2438	0.999893
0.3243	17.249	1.598	0.0002	6.64E-06	86.99%	19	0.2995	0.999936
0.3194	17.193	1.573	0.0003	5.71E-06	88.85%	20	0.3344	0.999929
0.3156	17.148	1.549	0.0004	4.90E-06	90.73%	21	0.3560	0.999932
0.3149	17.140	1.544	0.0005	4.74E-06	91.14%	22	0.3689	0.999943
0.3160	17.154	1.553	0.0004	5.05E-06	90.38%	23	0.3815	0.999925
0.3169	17.164	1.561	0.0004	5.33E-06	89.74%	24	0.3834	0.999935
0.3175	17.172	1.568	0.0003	5.56E-06	89.23%	25	0.3887	0.999927
0.3188	17.188	1.581	0.0002	6.07E-06	88.20%	26	0.3910	0.999919
0.3192	17.193	1.586	0.0002	6.26E-06	87.84%	27	0.3978	0.999839
0.3198	17.200	1.593	0.0001	6.54E-06	87.35%	28	0.3950	0.999835
0.3204	17.207	1.599	0.0001	6.81E-06	86.88%	29	0.3940	0.999841
0.3209	17.214	1.606	0.0000	7.09E-06	86.40%	30	0.3934	0.999849
0.3213	17.218	1.610	0.0000	7.27E-06	86.12%	31	0.3959	0.999846
0.3218	17.225	1.616	-0.0001	7.58E-06	85.64%	32	0.3928	0.999853
0.3221	17.228	1.620	-0.0001	7.75E-06	85.38%	33	0.3984	0.999833
0.3225	17.233	1.625	-0.0001	7.99E-06	85.05%	34	0.3975	0.999826
0.3227	17.235	1.627	-0.0001	8.10E-06	84.89%	35	0.3934	0.999831
0.3229	17.238	1.630	-0.0002	8.24E-06	84.70%	36	0.3945	0.999836
0.3231	17.240	1.632	-0.0002	8.34E-06	84.55%	37	0.3942	0.999841
0.3234	17.244	1.636	-0.0002	8.54E-06	84.28%	38	0.3971	0.999837
0.3236	17.246	1.638	-0.0002	8.65E-06	84.14%	39	0.3949	0.999840
0.3236	17.247	1.638	-0.0002	8.67E-06	84.11%	40	0.3938	0.999844
0.3237	17.248	1.640	-0.0002	8.76E-06	84.00%	41	0.3934	0.999847
0.3237	17.248	1.640	-0.0002	8.77E-06	83.99%	42	0.3935	0.999849
0.3239	17.250	1.642	-0.0003	8.84E-06	83.89%	43	0.3940	0.999852
0.3240	17.251	1.643	-0.0003	8.91E-06	83.80%	44	0.3930	0.999854
						45	0.3893	0.999841
				4.74E-06	91.14%			0.999943

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.2886	17.155	1.557	0.0001	4.73E-06	90.08%
1.1078	16.961	1.179	0.0001	6.24E-07	133.58%
0.0139	11.024	0.818	0.0002	1.94E-08	239.66%
2.4222	19.891	1.481	0.0001	3.55E-06	96.48%
1.6311	19.354	1.493	0.0001	3.82E-06	95.40%
0.2447	16.090	1.367	0.0002	1.89E-06	107.85%
0.2701	16.303	1.394	0.0001	2.25E-06	104.89%
0.3738	17.104	1.524	-0.0001	5.01E-06	92.71%
0.3947	17.255	1.554	-0.0002	5.94E-06	90.32%
0.4010	17.305	1.567	-0.0002	6.41E-06	89.30%
0.3901	17.211	1.534	-0.0001	5.23E-06	91.91%
0.3858	17.170	1.516	0.0000	4.64E-06	93.42%
0.3845	17.158	1.509	0.0001	4.44E-06	93.99%
0.3872	17.185	1.526	0.0000	4.98E-06	92.57%
0.3875	17.188	1.528	-0.0001	5.05E-06	92.41%
0.3887	17.200	1.537	-0.0001	5.38E-06	91.65%
0.3897	17.210	1.546	-0.0002	5.69E-06	90.98%
0.3918	17.230	1.563	-0.0004	6.40E-06	89.58%
0.3926	17.238	1.570	-0.0004	6.71E-06	89.04%
0.3929	17.242	1.574	-0.0005	6.85E-06	88.79%
0.3931	17.243	1.575	-0.0005	6.92E-06	88.68%
0.3935	17.248	1.579	-0.0005	7.11E-06	88.36%
0.3935	17.248	1.579	-0.0005	7.10E-06	88.38%
0.3941	17.253	1.585	-0.0006	7.36E-06	87.96%
0.3945	17.257	1.588	-0.0006	7.54E-06	87.68%
0.3944	17.257	1.588	-0.0006	7.52E-06	87.71%
0.3945	17.257	1.589	-0.0006	7.55E-06	87.67%
0.3945	17.258	1.589	-0.0006	7.56E-06	87.65%
0.3947	17.260	1.591	-0.0006	7.67E-06	87.48%
0.3948	17.261	1.592	-0.0006	7.70E-06	87.44%
0.3948	17.260	1.591	-0.0006	7.69E-06	87.46%
0.3947	17.260	1.591	-0.0006	7.67E-06	87.49%
0.3947	17.260	1.591	-0.0006	7.65E-06	87.52%
0.3947	17.259	1.591	-0.0006	7.65E-06	87.52%
0.3946	17.259	1.590	-0.0006	7.62E-06	87.56%
0.3944	17.257	1.588	-0.0006	7.51E-06	87.73%
				4.44E-06	93.99%

K3/K2
Run1
Rep2

Cycle		r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0007	
5	0.0007	
6	0.0001	
7	0.0000	
8	0.0003	
9	0.0012	
10	0.0039	
11	0.0017	
12	0.0126	0.917845
13	0.0268	0.982869
14	0.0466	0.994264
15	0.0802	0.996974
16	0.1280	0.998613
17	0.1893	0.999291
18	0.2564	0.999600
19	0.3153	0.999765
20	0.3533	0.999821
21	0.3763	0.999848
22	0.3890	0.999866
23	0.4024	0.999871
24	0.4064	0.999885
25	0.4086	0.999896
26	0.4145	0.999877
27	0.4181	0.999840
28	0.4157	0.999844
29	0.4158	0.999850
30	0.4143	0.999858
31	0.4206	0.999831
32	0.4194	0.999823
33	0.4146	0.999829
34	0.4121	0.999827
35	0.4183	0.999825
36	0.4165	0.999830
37	0.4153	0.999834
38	0.4152	0.999838
39	0.4169	0.999841
40	0.4182	0.999840
41	0.4140	0.999841
42	0.4191	0.999836
43	0.4145	0.999838
44	0.4122	0.999833
45	0.4152	0.999836
		0.999896

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.8034	14.569	0.612	0.0005	3.70E-11	412.30%
0.0303	12.192	0.437	0.0006	2.35E-14	884.96%
0.0678	13.362	0.840	0.0003	8.40E-09	228.81%
0.1655	15.083	1.202	0.0001	5.90E-07	129.70%
0.2778	16.221	1.385	-0.0002	2.27E-06	105.88%
0.3692	16.924	1.502	-0.0004	4.73E-06	94.57%
0.4171	17.266	1.571	-0.0006	7.03E-06	89.00%
0.4261	17.333	1.588	-0.0006	7.76E-06	87.69%
0.4155	17.247	1.559	-0.0005	6.50E-06	89.95%
0.4101	17.198	1.537	-0.0003	5.68E-06	91.64%
0.4073	17.173	1.524	-0.0002	5.19E-06	92.76%
0.4096	17.195	1.537	-0.0004	5.69E-06	91.64%
0.4105	17.203	1.543	-0.0004	5.91E-06	91.18%
0.4109	17.207	1.546	-0.0004	6.02E-06	90.96%
0.4124	17.221	1.557	-0.0005	6.50E-06	90.05%
0.4140	17.236	1.571	-0.0007	7.09E-06	89.02%
0.4145	17.242	1.575	-0.0007	7.31E-06	88.67%
0.4149	17.245	1.578	-0.0007	7.47E-06	88.42%
0.4149	17.245	1.579	-0.0007	7.48E-06	88.40%
0.4158	17.253	1.586	-0.0008	7.86E-06	87.83%
0.4163	17.258	1.591	-0.0009	8.10E-06	87.48%
0.4162	17.258	1.590	-0.0008	8.06E-06	87.54%
0.4159	17.255	1.587	-0.0008	7.91E-06	87.76%
0.4162	17.257	1.590	-0.0008	8.05E-06	87.56%
0.4163	17.258	1.591	-0.0008	8.09E-06	87.50%
0.4163	17.258	1.591	-0.0008	8.08E-06	87.50%
0.4163	17.258	1.591	-0.0008	8.08E-06	87.52%
0.4164	17.259	1.592	-0.0009	8.12E-06	87.45%
0.4165	17.261	1.593	-0.0009	8.21E-06	87.33%
0.4164	17.260	1.592	-0.0009	8.16E-06	87.40%
0.4166	17.261	1.594	-0.0009	8.26E-06	87.26%
0.4166	17.261	1.593	-0.0009	8.22E-06	87.31%
0.4164	17.259	1.592	-0.0009	8.14E-06	87.43%
0.4164	17.259	1.592	-0.0009	8.13E-06	87.44%
				5.19E-06	92.76%

K3/K2
Run1
Rep3

Cycle		r2
1	0.0000	
2	0.0016	
3	0.0000	
4	0.0004	
5	0.0000	
6	0.0000	
7	0.0011	
8	0.0016	
9	0.0000	
10	0.0014	
11	0.0051	
12	0.0132	0.974006
13	0.0243	0.992910
14	0.0451	0.996457
15	0.0803	0.998583
16	0.1272	0.999471
17	0.1897	0.999639
18	0.2521	0.999812
19	0.3127	0.999817
20	0.3495	0.999865
21	0.3744	0.999898
22	0.3900	0.999920
23	0.4003	0.999927
24	0.4096	0.999898
25	0.4126	0.999891
26	0.4153	0.999883
27	0.4179	0.999869
28	0.4180	0.999867
29	0.4225	0.999830
30	0.4186	0.999836
31	0.4198	0.999838
32	0.4210	0.999834
33	0.4235	0.999816
34	0.4206	0.999819
35	0.4166	0.999822
36	0.4177	0.999827
37	0.4260	0.999792
38	0.4227	0.999787
39	0.4199	0.999792
40	0.4215	0.999793
41	0.4177	0.999796
42	0.4193	0.999800
43	0.4196	0.999803
44	0.4140	0.999790
45	0.4165	0.999789
		0.999927

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0171	11.484	0.485	0.0005	8.85E-13	686.25%
0.0326	12.304	0.699	0.0005	7.38E-10	318.20%
0.0973	14.180	1.091	0.0003	2.21E-07	150.04%
0.2386	15.900	1.316	0.0002	1.35E-06	113.82%
0.2712	16.171	1.352	0.0001	1.73E-06	109.56%
0.3691	16.922	1.479	-0.0001	3.97E-06	96.59%
0.3855	17.043	1.505	-0.0002	4.64E-06	94.38%
0.4168	17.287	1.571	-0.0004	6.96E-06	88.95%
0.4090	17.222	1.549	-0.0003	6.07E-06	90.71%
0.4072	17.206	1.542	-0.0003	5.80E-06	91.28%
0.4076	17.210	1.544	-0.0003	5.87E-06	91.12%
0.4090	17.223	1.552	-0.0004	6.20E-06	90.47%
0.4117	17.249	1.570	-0.0005	6.97E-06	89.06%
0.4133	17.264	1.581	-0.0006	7.49E-06	88.22%
0.4145	17.276	1.591	-0.0007	7.96E-06	87.51%
0.4157	17.288	1.601	-0.0008	8.47E-06	86.79%
0.4164	17.295	1.607	-0.0008	8.81E-06	86.34%
0.4177	17.307	1.618	-0.0009	9.44E-06	85.54%
0.4180	17.310	1.621	-0.0010	9.60E-06	85.35%
0.4184	17.314	1.624	-0.0010	9.81E-06	85.10%
0.4188	17.318	1.628	-0.0010	1.01E-05	84.81%
0.4194	17.324	1.634	-0.0011	1.04E-05	84.40%
0.4197	17.326	1.636	-0.0011	1.06E-05	84.26%
0.4195	17.325	1.635	-0.0011	1.05E-05	84.37%
0.4194	17.324	1.634	-0.0011	1.04E-05	84.41%
0.4200	17.330	1.640	-0.0012	1.08E-05	84.02%
0.4203	17.333	1.642	-0.0012	1.10E-05	83.83%
0.4204	17.333	1.643	-0.0012	1.10E-05	83.80%
0.4205	17.335	1.644	-0.0012	1.11E-05	83.70%
0.4204	17.334	1.643	-0.0012	1.10E-05	83.77%
0.4204	17.334	1.643	-0.0012	1.10E-05	83.77%
0.4205	17.334	1.644	-0.0012	1.11E-05	83.75%
0.4202	17.331	1.641	-0.0012	1.09E-05	83.93%
0.4200	17.330	1.640	-0.0012	1.08E-05	84.02%
				5.80E-06	91.28%

K3/K2
Run1
Rep4

Cycle		r2
1	0.0000	
2	0.0007	
3	0.0000	
4	0.0000	
5	0.0013	
6	0.0000	
7	0.0000	
8	0.0010	
9	0.0000	
10	0.0031	
11	0.0046	
12	0.0108	0.965450
13	0.0210	0.991440
14	0.0346	0.997157
15	0.0599	0.998155
16	0.0977	0.999259
17	0.1459	0.999693
18	0.2019	0.999839
19	0.2516	0.999907
20	0.2842	0.999884
21	0.3072	0.999912
22	0.3228	0.999928
23	0.3287	0.999938
24	0.3365	0.999933
25	0.3349	0.999935
26	0.3384	0.999940
27	0.3403	0.999940
28	0.3396	0.999944
29	0.3434	0.999927
30	0.3391	0.999930
31	0.3430	0.999923
32	0.3408	0.999926
33	0.3409	0.999929
34	0.3429	0.999925
35	0.3409	0.999928
36	0.3430	0.999925
37	0.3414	0.999926
38	0.3408	0.999928
39	0.3406	0.999930
40	0.3413	0.999931
41	0.3407	0.999933
42	0.3424	0.999932
43	0.3428	0.999930
44	0.3415	0.999931
45	0.3413	0.999933
		0.999944

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0796	14.086	1.108	0.0003	2.39E-07	146.61%
0.0570	13.599	1.075	0.0003	1.82E-07	153.62%
0.0609	13.720	1.093	0.0003	2.15E-07	149.65%
0.1928	16.172	1.459	0.0000	2.97E-06	98.42%
0.3271	17.350	1.580	-0.0001	5.56E-06	88.32%
0.3332	17.395	1.585	-0.0001	5.72E-06	87.91%
0.3625	17.628	1.626	-0.0002	7.09E-06	84.97%
0.3554	17.567	1.612	-0.0001	6.55E-06	85.99%
0.3401	17.417	1.562	0.0001	4.90E-06	89.66%
0.3377	17.392	1.551	0.0001	4.57E-06	90.51%
0.3390	17.406	1.559	0.0001	4.80E-06	89.91%
0.3382	17.397	1.554	0.0001	4.63E-06	90.35%
0.3396	17.413	1.564	0.0001	4.98E-06	89.49%
0.3388	17.404	1.558	0.0001	4.77E-06	90.01%
0.3391	17.407	1.560	0.0001	4.84E-06	89.83%
0.3395	17.412	1.564	0.0001	4.98E-06	89.49%
0.3396	17.413	1.565	0.0000	5.01E-06	89.42%
0.3403	17.421	1.572	0.0000	5.25E-06	88.88%
0.3401	17.419	1.571	0.0000	5.19E-06	89.01%
0.3405	17.424	1.575	0.0000	5.34E-06	88.69%
0.3405	17.424	1.575	0.0000	5.36E-06	88.65%
0.3406	17.425	1.576	0.0000	5.37E-06	88.62%
0.3408	17.427	1.578	-0.0001	5.46E-06	88.43%
0.3408	17.427	1.579	-0.0001	5.47E-06	88.41%
0.3410	17.430	1.581	-0.0001	5.54E-06	88.26%
0.3411	17.430	1.581	-0.0001	5.56E-06	88.23%
0.3410	17.430	1.581	-0.0001	5.55E-06	88.24%
0.3410	17.430	1.581	-0.0001	5.54E-06	88.26%
0.3410	17.430	1.581	-0.0001	5.55E-06	88.24%
0.3410	17.430	1.581	-0.0001	5.54E-06	88.26%
0.3411	17.431	1.582	-0.0001	5.58E-06	88.19%
0.3412	17.432	1.583	-0.0001	5.62E-06	88.11%
0.3412	17.432	1.583	-0.0001	5.63E-06	88.09%
0.3412	17.432	1.583	-0.0001	5.63E-06	88.08%
				4.57E-06	90.51%

Amplicon: K3/K2

No: 4.17E+05

Cycle	K3/K2 Run1-5 Av. Av. Fc
1	0.0001
2	0.0001
3	0.0000
4	0.0001
5	0.0000
6	0.0001
7	0.0001
8	0.0000
9	0.0000
10	0.0002
11	0.0004
12	0.0008
13	0.0026
14	0.0052
15	0.0094
16	0.0179
17	0.0329
18	0.0576
19	0.0959
20	0.1503
21	0.2172
22	0.2805
23	0.3300
24	0.3635
25	0.3850
26	0.3971
27	0.4043
28	0.4104
29	0.4139
30	0.4172
31	0.4190
32	0.4202
33	0.4214
34	0.4224
35	0.4227
36	0.4128
37	0.4125
38	0.4129
39	0.4130
40	0.4129
41	0.4113
42	0.4126
43	0.4122
44	0.4124
45	0.4125

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
31.63%	0.995159	0.2144	16.898	0.878	0.0001	9.43E-10
18.91%	0.998649	0.0083	13.631	0.743	0.0001	8.95E-11
13.38%	0.999186	0.0167	14.763	0.977	0.0001	4.59E-09
13.59%	0.998930	0.0774	17.620	1.343	0.0000	1.56E-07
15.65%	0.999631	0.2044	19.412	1.460	0.0000	3.42E-07
14.63%	0.999880	0.2675	19.928	1.492	0.0000	4.22E-07
15.06%	0.999951	0.3401	20.432	1.533	-0.0001	5.54E-07
14.12%	0.999969	0.4106	20.868	1.580	-0.0001	7.54E-07
14.38%	0.999980	0.4449	21.076	1.610	-0.0001	9.18E-07
13.69%	0.999980	0.4241	20.936	1.581	-0.0001	7.54E-07
13.58%	0.999979	0.4143	20.860	1.559	0.0000	6.41E-07
13.04%	0.999981	0.4109	20.830	1.548	0.0000	5.88E-07
13.14%	0.999986	0.4110	20.831	1.548	0.0000	5.90E-07
13.22%	0.999989	0.4111	20.832	1.549	0.0000	5.92E-07
13.07%	0.999990	0.4115	20.835	1.551	0.0000	6.03E-07
13.12%	0.999983	0.4126	20.847	1.559	0.0000	6.43E-07
13.33%	0.999973	0.4137	20.858	1.567	-0.0001	6.87E-07
13.12%	0.999956	0.4149	20.870	1.577	-0.0002	7.41E-07
12.86%	0.999939	0.4160	20.880	1.585	-0.0002	7.94E-07
13.09%	0.999924	0.4169	20.889	1.593	-0.0003	8.42E-07
13.08%	0.999909	0.4177	20.897	1.600	-0.0003	8.90E-07
12.96%	0.999894	0.4184	20.904	1.607	-0.0004	9.36E-07
12.85%	0.999883	0.4190	20.910	1.612	-0.0004	9.76E-07
12.66%	0.999865	0.4184	20.904	1.606	-0.0004	9.32E-07
12.42%	0.999850	0.4178	20.898	1.601	-0.0003	8.96E-07
12.51%	0.999842	0.4174	20.894	1.597	-0.0003	8.70E-07
12.27%	0.999836	0.4170	20.890	1.594	-0.0003	8.48E-07
12.52%	0.999831	0.4167	20.887	1.591	-0.0003	8.30E-07
12.43%	0.999819	0.4163	20.884	1.588	-0.0002	8.08E-07
12.50%	0.999817	0.4161	20.881	1.586	-0.0002	7.95E-07
12.75%	0.999813	0.4159	20.879	1.584	-0.0002	7.81E-07
12.75%	0.999811	0.4157	20.877	1.582	-0.0002	7.71E-07
12.32%	0.999810	0.4155	20.875	1.580	-0.0002	7.61E-07
	0.999990					5.88E-07

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0007	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.0003	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.0010	0.0000	0.0002	0.0011	0.0000	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000
6	0.0010	0.0003	0.0008	0.0000	0.0000	0.0000	0.0000	0.0004
7	0.0001	0.0000	0.0001	0.0002	0.0000	0.0000	0.0000	0.0000
8	0.0003	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008
10	0.0000	0.0000	0.0007	0.0000	0.0005	0.0000	0.0000	0.0000
11	0.0000	0.0019	0.0000	0.0000	0.0000	0.0015	0.0006	0.0010
12	0.0004	0.0007	0.0006	0.0025	0.0016	0.0009	0.0018	0.0015
13	0.0036	0.0010	0.0035	0.0022	0.0020	0.0026	0.0042	0.0028
14	0.0048	0.0044	0.0056	0.0051	0.0035	0.0054	0.0065	0.0064
15	0.0107	0.0083	0.0108	0.0101	0.0099	0.0083	0.0095	0.0111
16	0.0184	0.0161	0.0189	0.0189	0.0171	0.0152	0.0182	0.0194
17	0.0310	0.0301	0.0363	0.0346	0.0325	0.0294	0.0340	0.0336
18	0.0570	0.0511	0.0636	0.0636	0.0566	0.0523	0.0605	0.0583
19	0.0920	0.0864	0.1018	0.1039	0.0941	0.0865	0.0977	0.0934
20	0.1473	0.1347	0.1581	0.1642	0.1479	0.1393	0.1555	0.1497
21	0.2052	0.1905	0.2282	0.2350	0.2130	0.2037	0.2274	0.2151
22	0.2626	0.2430	0.2907	0.2981	0.2843	0.2633	0.2934	0.2763
23	0.3048	0.2848	0.3360	0.3495	0.3367	0.3104	0.3492	0.3256
24	0.3357	0.3084	0.3698	0.3874	0.3733	0.3433	0.3835	0.3615
25	0.3511	0.3226	0.3844	0.4053	0.3987	0.3640	0.4065	0.3823
26	0.3636	0.3325	0.3981	0.4215	0.4105	0.3748	0.4184	0.3907
27	0.3691	0.3378	0.4022	0.4256	0.4170	0.3838	0.4279	0.4019
28	0.3713	0.3395	0.4059	0.4321	0.4273	0.3885	0.4333	0.4064
29	0.3757	0.3445	0.4104	0.4372	0.4291	0.3918	0.4374	0.4125
30	0.3797	0.3469	0.4148	0.4403	0.4278	0.3930	0.4431	0.4132
31	0.3806	0.3503	0.4123	0.4380	0.4345	0.3999	0.4408	0.4172
32	0.3814	0.3459	0.4141	0.4431	0.4337	0.3962	0.4461	0.4176
33	0.3808	0.3469	0.4129	0.4419	0.4370	0.4007	0.4466	0.4180
34	0.3816	0.3502	0.4164	0.4426	0.4372	0.4050	0.4453	0.4196
35	0.3830	0.3469	0.4156	0.4388	0.4373	0.3992	0.4488	0.4189
36	0.3810	0.3482	0.4156	0.4456	0.4379	0.4008	0.4482	0.4217
37	0.3805	0.3507	0.4158	0.4427	0.4406	0.3981	0.4440	0.4209
38	0.3817	0.3492	0.4170	0.4422	0.4386	0.3981	0.4489	0.4218
39	0.3792	0.3477	0.4150	0.4416	0.4407	0.3985	0.4471	0.4201
40	0.3858	0.3468	0.4134	0.4399	0.4372	0.4001	0.4461	0.4219
41	0.3781	0.3485	0.4158	0.4420	0.4410	0.4011	0.4472	0.4172
42	0.3778	0.3487	0.4141	0.4406	0.4428	0.3987	0.4461	0.4189
43	0.3786	0.3453	0.4129	0.4407	0.4397	0.4021	0.4461	0.4165
44	0.3803	0.3442	0.4130	0.4401	0.4411	0.4038	0.4478	0.4161
45	0.3792	0.3463	0.4101	0.4407	0.4436	0.4023	0.4494	0.4220

	Cycle	K3/K2 Run1 Av. Av. Fc						
	1	0.0004						
	2	0.0003						
	3	0.0002						
	4	0.0006						
	5	0.0001						
	6	0.0005						
	7	0.0001						
	8	0.0002						
	9	0.0000						
	10	0.0002						
	11	0.0005						
Eo	12	0.0011						
212.27%	13	0.0026	CV	r2	Fmax	$C_{1/2}$	k	Fb
284.13%	14	0.0050	10.17%	0.985082	0.0069	13.470	0.698	0.0003
178.23%	15	0.0100	11.62%	0.995259	0.0258	15.527	1.044	0.0002
110.51%	16	0.0181	7.40%	0.998567	0.0440	16.443	1.155	0.0002
98.40%	17	0.0330	8.90%	0.999291	0.1337	18.549	1.378	0.0002
95.50%	18	0.0588	10.23%	0.999718	0.3142	20.203	1.496	0.0001
91.99%	19	0.0960	8.59%	0.999899	0.2810	19.972	1.477	0.0001
88.31%	20	0.1511	8.58%	0.999895	0.4117	20.867	1.583	0.0000
86.10%	21	0.2147	9.58%	0.999953	0.4137	20.880	1.585	0.0000
88.22%	22	0.2736	9.32%	0.999967	0.3976	20.763	1.560	0.0001
89.91%	23	0.3188	9.22%	0.999974	0.3915	20.712	1.544	0.0001
90.79%	24	0.3503	10.06%	0.999982	0.3919	20.715	1.545	0.0001
90.76%	25	0.3659	9.97%	0.999975	0.3888	20.685	1.531	0.0002
90.73%	26	0.3789	10.30%	0.999977	0.3899	20.696	1.537	0.0002
90.55%	27	0.3837	10.00%	0.999981	0.3899	20.696	1.537	0.0002
89.92%	28	0.3872	10.43%	0.999983	0.3901	20.698	1.538	0.0002
89.29%	29	0.3920	10.31%	0.999972	0.3911	20.709	1.547	0.0001
88.55%	30	0.3954	10.32%	0.999948	0.3924	20.722	1.557	0.0000
87.90%	31	0.3953	9.64%	0.999941	0.3931	20.729	1.563	0.0000
87.33%	32	0.3961	10.58%	0.999935	0.3937	20.735	1.569	0.0000
86.81%	33	0.3956	10.35%	0.999935	0.3940	20.739	1.572	-0.0001
86.33%	34	0.3977	10.14%	0.999926	0.3945	20.744	1.576	-0.0001
85.94%	35	0.3961	10.09%	0.999927	0.3947	20.746	1.578	-0.0001
86.37%	36	0.3976	10.62%	0.999923	0.3951	20.750	1.582	-0.0001
86.74%	37	0.3974	10.12%	0.999922	0.3953	20.752	1.584	-0.0001
87.03%	38	0.3975	10.23%	0.999921	0.3955	20.755	1.586	-0.0002
87.26%	39	0.3959	10.37%	0.999923	0.3956	20.755	1.586	-0.0002
87.47%	40	0.3965	10.04%	0.999925	0.3956	20.756	1.587	-0.0002
87.72%	41	0.3961	10.39%	0.999927	0.3957	20.756	1.588	-0.0002
87.88%	42	0.3953	10.21%	0.999929	0.3957	20.756	1.588	-0.0002
88.04%	43	0.3944	10.50%	0.999929	0.3956	20.756	1.587	-0.0002
88.17%	44	0.3944	10.51%	0.999930	0.3955	20.755	1.586	-0.0002
88.29%	45	0.3941	10.29%	0.999931	0.3955	20.754	1.586	-0.0002
90.79%				0.999983				

Run#3				Run#4				
Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0000
0.0000	0.0012	0.0007	0.0000	0.0000	0.0003	0.0007	0.0000	0.0000
0.0003	0.0000	0.0004	0.0015	0.0004	0.0006	0.0004	0.0008	0.0003
0.0019	0.0010	0.0026	0.0023	0.0027	0.0032	0.0032	0.0021	0.0026
0.0051	0.0030	0.0053	0.0048	0.0048	0.0064	0.0065	0.0049	0.0046
0.0094	0.0069	0.0073	0.0081	0.0092	0.0103	0.0111	0.0087	0.0091
0.0150	0.0124	0.0166	0.0166	0.0195	0.0186	0.0228	0.0168	0.0194
0.0279	0.0229	0.0264	0.0267	0.0359	0.0365	0.0430	0.0306	0.0358
0.0455	0.0403	0.0503	0.0481	0.0632	0.0627	0.0729	0.0537	0.0631
0.0762	0.0679	0.0832	0.0793	0.1064	0.1052	0.1246	0.0922	0.1062
0.1231	0.1092	0.1309	0.1227	0.1635	0.1660	0.1911	0.1410	0.1634
0.1831	0.1577	0.1943	0.1751	0.2378	0.2419	0.2776	0.2004	0.2377
0.2409	0.2080	0.2534	0.2293	0.3068	0.3102	0.3555	0.2605	0.3067
0.2873	0.2458	0.3004	0.2712	0.3622	0.3657	0.4170	0.3047	0.3621
0.3176	0.2801	0.3320	0.2977	0.4004	0.3981	0.4542	0.3369	0.4003
0.3415	0.2959	0.3532	0.3135	0.4286	0.4207	0.4814	0.3603	0.4285
0.3517	0.3043	0.3661	0.3263	0.4392	0.4369	0.4977	0.3678	0.4391
0.3629	0.3096	0.3750	0.3341	0.4443	0.4425	0.5080	0.3751	0.4442
0.3665	0.3152	0.3795	0.3387	0.4553	0.4538	0.5111	0.3821	0.4552
0.3680	0.3157	0.3838	0.3389	0.4569	0.4528	0.5215	0.3855	0.4568
0.3714	0.3193	0.3882	0.3461	0.4600	0.4579	0.5233	0.3887	0.4599
0.3764	0.3208	0.3864	0.3498	0.4633	0.4598	0.5224	0.3913	0.4632
0.3773	0.3201	0.3925	0.3492	0.4616	0.4653	0.5245	0.3923	0.4615
0.3763	0.3252	0.3921	0.3488	0.4646	0.4641	0.5274	0.3945	0.4645
0.3799	0.3246	0.3895	0.3512	0.4691	0.4619	0.5274	0.3947	0.4690
0.3759	0.3266	0.3907	0.3537	0.4691	0.4674	0.5237	0.3991	0.4690
0.3787	0.3236	0.3946	0.3519	0.4696	0.4620	0.5290	0.3965	
0.3786	0.3279	0.3914	0.3513	0.4660	0.4647	0.5277	0.3993	
0.3792	0.3267	0.3919	0.3544	0.4639	0.4647	0.5307	0.3967	
0.3824	0.3320	0.3956	0.3529	0.4646	0.4703	0.5245	0.3950	
0.3762	0.3283	0.3940	0.3545	0.4682	0.4636	0.5319	0.3980	
0.3782	0.3248	0.3900	0.3502	0.4646	0.4616	0.5233	0.3970	
0.3823	0.3278	0.3913	0.3545	0.4655	0.4675	0.5290	0.3961	
0.3783	0.3264	0.3968	0.3501	0.4671	0.4671	0.5312	0.3969	
0.3775	0.3276	0.3912	0.3512	0.4688	0.4665	0.5306	0.3988	
0.3802	0.3294	0.3935	0.3522	0.4649	0.4649	0.5234	0.3981	

Cycle	K3/K2 Run2 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0001
7	0.0000
8	0.0000
9	0.0002
10	0.0001
11	0.0008
12	0.0015
13	0.0029
14	0.0055
15	0.0097
16	0.0175
17	0.0324
18	0.0569
19	0.0929
20	0.1481
21	0.2148
22	0.2793
23	0.3305
24	0.3654
25	0.3879
26	0.3986
27	0.4077
28	0.4139
29	0.4177
30	0.4193
31	0.4231
32	0.4234
33	0.4256
34	0.4268
35	0.4261
36	0.4272
37	0.4259
38	0.4269
39	0.4266
40	0.4263
41	0.4266
42	0.4266
43	0.4261
44	0.4272
45	0.4293

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
2.86E-11	319.20%	25.53%	0.998124	0.0178	15.012	1.239
8.93E-09	160.70%	11.90%	0.999366	0.0324	16.150	1.353
2.91E-08	137.61%	10.21%	0.999650	0.1204	18.742	1.547
1.90E-07	106.62%	6.43%	0.999820	5.9034	25.595	1.653
4.30E-07	95.09%	6.10%	0.999912	0.4082	20.877	1.579
3.77E-07	96.81%	5.04%	0.999955	0.3090	20.298	1.540
7.77E-07	88.07%	4.53%	0.999927	0.4806	21.333	1.647
7.87E-07	87.92%	4.54%	0.999967	0.4653	21.249	1.636
6.57E-07	89.88%	4.57%	0.999965	0.4327	21.038	1.595
5.84E-07	91.11%	4.99%	0.999965	0.4199	20.940	1.567
5.91E-07	91.00%	4.72%	0.999971	0.4158	20.905	1.554
5.27E-07	92.16%	4.86%	0.999978	0.4155	20.903	1.553
5.54E-07	91.65%	4.94%	0.999979	0.4140	20.888	1.545
5.54E-07	91.67%	4.70%	0.999981	0.4146	20.895	1.549
5.60E-07	91.56%	4.95%	0.999973	0.4159	20.907	1.558
5.98E-07	90.91%	4.82%	0.999962	0.4172	20.919	1.567
6.52E-07	90.07%	5.09%	0.999956	0.4180	20.928	1.573
6.85E-07	89.59%	4.35%	0.999932	0.4193	20.940	1.584
7.15E-07	89.18%	5.09%	0.999920	0.4201	20.948	1.591
7.32E-07	88.95%	4.79%	0.999899	0.4211	20.957	1.599
7.61E-07	88.58%	4.23%	0.999878	0.4219	20.966	1.607
7.73E-07	88.43%	5.10%	0.999871	0.4225	20.971	1.612
7.92E-07	88.19%	4.84%	0.999860	0.4230	20.977	1.617
8.07E-07	88.01%	4.97%	0.999859	0.4234	20.980	1.620
8.20E-07	87.86%	5.20%	0.999855	0.4237	20.984	1.623
8.23E-07	87.82%	5.16%	0.999853	0.4240	20.987	1.626
8.28E-07	87.76%	4.72%	0.999854	0.4242	20.989	1.628
8.31E-07	87.73%	5.01%	0.999854	0.4244	20.991	1.630
8.30E-07	87.74%	5.21%	0.999854	0.4246	20.993	1.632
8.26E-07	87.79%	4.80%	0.999856	0.4248	20.994	1.633
8.22E-07	87.84%	4.85%	0.999854	0.4249	20.996	1.635
8.17E-07	87.89%	5.02%	0.999845	0.4252	20.999	1.637
5.27E-07	92.16%		0.999981			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0006
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0009
0.0003	0.0005	0.0000
0.0007	0.0003	0.0007
0.0032	0.0031	0.0019
0.0064	0.0063	0.0048
0.0103	0.0109	0.0085
0.0186	0.0226	0.0167
0.0366	0.0429	0.0305
0.0627	0.0727	0.0536
0.1052	0.1244	0.0921
0.1661	0.1909	0.1408
0.2420	0.2774	0.2002
0.3103	0.3553	0.2604
0.3657	0.4168	0.3046
0.3981	0.4540	0.3367
0.4208	0.4812	0.3602
0.4369	0.4976	0.3676
0.4425	0.5078	0.3750
0.4538	0.5109	0.3820
0.4529	0.5213	0.3854
0.4580	0.5232	0.3886
0.4598	0.5222	0.3911
0.4654	0.5243	0.3922
0.4641	0.5273	0.3944
0.4619	0.5272	0.3945
0.4675	0.5235	0.3989

Fb	Fo	Eo
0.0000	9.73E-08	124.14%
0.0000	2.13E-07	109.35%
0.0000	6.60E-07	90.87%
-0.0001	1.11E-06	83.14%
0.0000	7.37E-07	88.41%
0.0000	5.82E-07	91.44%
-0.0001	1.14E-06	83.54%
-0.0001	1.06E-06	84.27%
0.0000	8.06E-07	87.22%
0.0001	6.60E-07	89.30%
0.0002	5.97E-07	90.32%
0.0002	5.92E-07	90.41%
0.0002	5.56E-07	91.03%
0.0002	5.74E-07	90.72%
0.0001	6.16E-07	90.03%
0.0001	6.63E-07	89.32%
0.0000	7.00E-07	88.81%
-0.0001	7.59E-07	88.03%
-0.0001	8.03E-07	87.50%
-0.0002	8.55E-07	86.90%
-0.0002	9.07E-07	86.35%
-0.0003	9.44E-07	85.98%
-0.0003	9.82E-07	85.61%
-0.0003	1.01E-06	85.39%
-0.0004	1.03E-06	85.15%
-0.0004	1.05E-06	84.97%
-0.0004	1.07E-06	84.82%
-0.0004	1.08E-06	84.68%
-0.0004	1.10E-06	84.56%
-0.0004	1.11E-06	84.48%
-0.0005	1.12E-06	84.36%
-0.0005	1.15E-06	84.17%
	5.56E-07	91.03%

Cycle	K3/K2 Run3 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0005
12	0.0006
13	0.0020
14	0.0046
15	0.0079
16	0.0152
17	0.0260
18	0.0461
19	0.0767
20	0.1215
21	0.1776
22	0.2329
23	0.2762
24	0.3069
25	0.3260
26	0.3371
27	0.3454
28	0.3500
29	0.3516
30	0.3563
31	0.3584
32	0.3598
33	0.3606
34	0.3613
35	0.3617
36	0.3622
37	0.3623
38	0.3631
39	0.3657
40	0.3633
41	0.3608
42	0.3640
43	0.3629
44	0.3619
45	0.3638

CV	r2	Fmax	$C_{1/2}$
13.29%	0.998794	0.0120	14.434
7.28%	0.998301	0.0591	17.404
7.63%	0.999440	0.0762	17.897
4.67%	0.999567	0.3109	20.798
5.62%	0.999849	0.3364	20.962
5.35%	0.999938	0.3941	21.326
5.08%	0.999973	0.3959	21.338
6.61%	0.999973	0.3699	21.141
6.99%	0.999958	0.3542	21.000
7.66%	0.999967	0.3511	20.968
6.97%	0.999975	0.3504	20.961
7.74%	0.999980	0.3502	20.959
7.92%	0.999977	0.3514	20.972
8.40%	0.999973	0.3524	20.984
8.18%	0.999974	0.3528	20.989
8.51%	0.999950	0.3540	21.003
8.40%	0.999924	0.3552	21.016
8.18%	0.999900	0.3561	21.028
8.86%	0.999880	0.3569	21.037
8.20%	0.999864	0.3576	21.045
8.12%	0.999851	0.3582	21.052
7.71%	0.999839	0.3587	21.058
8.61%	0.999831	0.3591	21.063
7.82%	0.999821	0.3596	21.068
7.88%	0.999789	0.3601	21.075
7.90%	0.999785	0.3604	21.079
7.86%	0.999791	0.3605	21.080
8.03%	0.999784	0.3608	21.083
7.92%	0.999784	0.3610	21.085
8.57%	0.999788	0.3611	21.086
7.76%	0.999784	0.3613	21.089
	0.999980		

Cycle	K3/K2 Run4 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0002
8	0.0000
9	0.0000
10	0.0003
11	0.0003
12	0.0006
13	0.0028
14	0.0057
15	0.0098
16	0.0194
17	0.0365
18	0.0631
19	0.1071
20	0.1654
21	0.2394
22	0.3083
23	0.3624
24	0.3974
25	0.4228
26	0.4354
27	0.4425
28	0.4506
29	0.4542
30	0.4575
31	0.4592
32	0.4609
33	0.4627
34	0.4633
35	0.4648
36	0.4643
37	0.4644
38	0.4640
39	0.4636
40	0.4654
41	0.4616
42	0.4645
43	0.4656
44	0.4662
45	0.4628

k	Fb	Fo	Eo	CV	r2	Fmax
0.865	0.0000	6.87E-10	217.57%	11.01%	0.997430	0.0143
1.319	0.0000	1.10E-07	113.40%	12.94%	0.997423	0.1214
1.367	-0.0001	1.56E-07	107.88%	13.92%	0.999262	0.3041
1.600	-0.0001	7.06E-07	86.80%	12.43%	0.999760	0.2203
1.611	-0.0001	7.49E-07	86.06%	12.44%	0.999850	0.4114
1.643	-0.0002	9.08E-07	83.80%	12.39%	0.999941	0.4061
1.644	-0.0002	9.17E-07	83.70%	13.18%	0.999940	0.4799
1.607	-0.0001	7.17E-07	86.30%	12.59%	0.999962	0.4618
1.568	0.0000	5.42E-07	89.19%	12.67%	0.999971	0.4535
1.557	0.0001	4.96E-07	90.10%	12.06%	0.999971	0.4481
1.553	0.0001	4.84E-07	90.35%	11.73%	0.999975	0.4503
1.553	0.0001	4.80E-07	90.43%	12.20%	0.999979	0.4507
1.561	0.0000	5.12E-07	89.80%	12.27%	0.999983	0.4508
1.569	0.0000	5.46E-07	89.18%	11.73%	0.999970	0.4525
1.572	0.0000	5.63E-07	88.89%	12.23%	0.999959	0.4538
1.584	-0.0001	6.15E-07	88.04%	12.02%	0.999942	0.4552
1.594	-0.0002	6.70E-07	87.23%	11.67%	0.999928	0.4563
1.604	-0.0002	7.23E-07	86.51%	11.73%	0.999913	0.4573
1.613	-0.0003	7.72E-07	85.91%	11.74%	0.999894	0.4582
1.620	-0.0003	8.16E-07	85.39%	11.72%	0.999880	0.4590
1.626	-0.0004	8.56E-07	84.95%	10.98%	0.999861	0.4599
1.632	-0.0004	8.92E-07	84.56%	11.68%	0.999853	0.4604
1.637	-0.0004	9.24E-07	84.23%	11.29%	0.999846	0.4609
1.641	-0.0005	9.57E-07	83.91%	11.79%	0.999844	0.4613
1.648	-0.0005	1.01E-06	83.46%	11.46%	0.999845	0.4615
1.651	-0.0005	1.03E-06	83.23%	11.75%	0.999839	0.4619
1.652	-0.0005	1.04E-06	83.18%	11.18%	0.999844	0.4620
1.655	-0.0006	1.06E-06	82.96%	11.69%	0.999842	0.4622
1.657	-0.0006	1.08E-06	82.82%	11.78%	0.999838	0.4625
1.658	-0.0006	1.09E-06	82.75%	11.55%	0.999832	0.4628
1.661	-0.0006	1.10E-06	82.60%	11.06%	0.999836	0.4628
		4.80E-07	90.43%		0.999983	

$C_{1/2}$	k	Fb	Fo	Eo
14.333	0.855	0.0000	7.46E-10	222.13%
18.283	1.376	-0.0001	2.07E-07	106.80%
19.889	1.451	-0.0001	3.40E-07	99.17%
19.287	1.414	-0.0001	2.62E-07	102.85%
20.602	1.535	-0.0001	6.09E-07	91.86%
20.572	1.531	-0.0001	5.95E-07	92.13%
21.008	1.599	-0.0003	9.42E-07	86.92%
20.895	1.575	-0.0002	8.01E-07	88.68%
20.835	1.558	-0.0001	7.04E-07	90.02%
20.793	1.542	-0.0001	6.22E-07	91.30%
20.812	1.550	-0.0001	6.67E-07	90.60%
20.815	1.552	-0.0001	6.76E-07	90.46%
20.815	1.552	-0.0001	6.78E-07	90.43%
20.831	1.563	-0.0002	7.38E-07	89.60%
20.843	1.572	-0.0003	7.94E-07	88.89%
20.855	1.582	-0.0003	8.58E-07	88.15%
20.865	1.590	-0.0004	9.16E-07	87.52%
20.874	1.598	-0.0005	9.74E-07	86.94%
20.883	1.606	-0.0005	1.03E-06	86.37%
20.891	1.613	-0.0006	1.09E-06	85.89%
20.898	1.620	-0.0006	1.15E-06	85.41%
20.903	1.625	-0.0007	1.19E-06	85.07%
20.908	1.629	-0.0007	1.23E-06	84.78%
20.911	1.632	-0.0007	1.25E-06	84.56%
20.914	1.634	-0.0008	1.28E-06	84.40%
20.917	1.637	-0.0008	1.31E-06	84.18%
20.918	1.638	-0.0008	1.31E-06	84.15%
20.920	1.640	-0.0008	1.33E-06	84.01%
20.922	1.642	-0.0008	1.36E-06	83.85%
20.925	1.645	-0.0009	1.38E-06	83.68%
20.926	1.645	-0.0009	1.38E-06	83.65%
			6.22E-07	91.30%

K3/K2 Run5 Av.

Cycle	Av. Fc	CV	r2
1	0.0000		
2	0.0000		
3	0.0000		
4	0.0000		
5	0.0000		
6	0.0000		
7	0.0002		
8	0.0000		
9	0.0000		
10	0.0002		
11	0.0002		
12	0.0005		
13	0.0027		
14	0.0055	17.32%	0.997904
15	0.0097	11.29%	0.997546
16	0.0193	12.73%	0.997483
17	0.0365	13.94%	0.999286
18	0.0630	12.38%	0.999769
19	0.1070	12.41%	0.999840
20	0.1653	12.40%	0.999937
21	0.2393	13.19%	0.999936
22	0.3082	12.58%	0.999961
23	0.3623	12.66%	0.999970
24	0.3973	12.07%	0.999971
25	0.4227	11.72%	0.999974
26	0.4353	12.21%	0.999979
27	0.4424	12.26%	0.999982
28	0.4505	11.73%	0.999969
29	0.4541	12.22%	0.999958
30	0.4574	12.02%	0.999941
31	0.4591	11.68%	0.999927
32	0.4609	11.73%	0.999912
33	0.4626	11.74%	0.999893
34	0.4632	11.73%	0.999879
35	0.4647	10.98%	0.999860
			0.999982

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0064	13.162	0.468	0.0000	3.94E-15	746.63%
0.0141	14.338	0.842	0.0000	5.72E-10	227.72%
0.1185	18.218	1.356	-0.0001	1.74E-07	109.02%
0.2750	19.680	1.428	-0.0001	2.85E-07	101.43%
0.2091	19.169	1.394	-0.0001	2.23E-07	104.91%
0.3989	20.529	1.524	-0.0002	5.63E-07	92.74%
0.4035	20.555	1.527	-0.0002	5.74E-07	92.51%
0.4785	21.000	1.596	-0.0003	9.21E-07	87.14%
0.4613	20.892	1.573	-0.0002	7.89E-07	88.82%
0.4532	20.834	1.556	-0.0002	6.95E-07	90.14%
0.4479	20.792	1.540	-0.0001	6.14E-07	91.41%
0.4502	20.812	1.549	-0.0001	6.61E-07	90.67%
0.4506	20.815	1.551	-0.0001	6.70E-07	90.53%
0.4507	20.816	1.552	-0.0001	6.73E-07	90.50%
0.4524	20.831	1.562	-0.0002	7.33E-07	89.66%
0.4537	20.843	1.572	-0.0003	7.89E-07	88.94%
0.4551	20.856	1.582	-0.0004	8.54E-07	88.19%
0.4562	20.866	1.590	-0.0004	9.11E-07	87.57%
0.4572	20.875	1.598	-0.0005	9.69E-07	86.98%
0.4582	20.884	1.606	-0.0006	1.03E-06	86.41%
0.4590	20.891	1.612	-0.0006	1.08E-06	85.94%
0.4598	20.899	1.619	-0.0007	1.14E-06	85.45%
				6.14E-07	91.41%

Cycle	K3/K2 Run1 Rep1	r2
1	0.0017	
2	0.0007	
3	0.0000	
4	0.0010	
5	0.0000	
6	0.0010	
7	0.0001	
8	0.0003	
9	0.0000	
10	0.0000	
11	0.0000	
12	0.0004	
13	0.0036	
14	0.0048	
15	0.0107	0.947896
16	0.0184	0.983973
17	0.0310	0.993985
18	0.0570	0.997289
19	0.0920	0.998976
20	0.1473	0.999530
21	0.2052	0.999723
22	0.2626	0.999851
23	0.3048	0.999901
24	0.3357	0.999928
25	0.3511	0.999940
26	0.3636	0.999948
27	0.3691	0.999955
28	0.3713	0.999961
29	0.3757	0.999957
30	0.3797	0.999933
31	0.3806	0.999918
32	0.3814	0.999907
33	0.3808	0.999906
34	0.3816	0.999903
35	0.3830	0.999894
36	0.3810	0.999897
37	0.3805	0.999900
38	0.3817	0.999901
39	0.3792	0.999904
40	0.3858	0.999880
41	0.3781	0.999880
42	0.3778	0.999879
43	0.3786	0.999881
44	0.3803	0.999883
45	0.3792	0.999886
		0.999961

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0255	15.389	0.961	0.0004	2.85E-09	183.02%
0.0322	15.765	1.010	0.0004	5.38E-09	169.11%
0.0649	17.147	1.242	0.0004	6.53E-08	123.75%
0.7415	22.043	1.621	0.0002	9.20E-07	85.33%
0.2907	20.175	1.520	0.0003	5.01E-07	93.06%
0.4834	21.362	1.643	0.0002	1.09E-06	83.77%
0.3763	20.717	1.553	0.0003	6.07E-07	90.38%
0.3786	20.735	1.557	0.0003	6.25E-07	90.06%
0.3726	20.681	1.541	0.0004	5.52E-07	91.36%
0.3749	20.703	1.550	0.0003	5.91E-07	90.66%
0.3728	20.683	1.540	0.0004	5.47E-07	91.45%
0.3741	20.696	1.547	0.0003	5.80E-07	90.85%
0.3746	20.701	1.550	0.0003	5.95E-07	90.60%
0.3745	20.700	1.550	0.0003	5.92E-07	90.65%
0.3753	20.709	1.556	0.0003	6.25E-07	90.13%
0.3765	20.723	1.567	0.0002	6.82E-07	89.27%
0.3774	20.733	1.576	0.0001	7.28E-07	88.64%
0.3782	20.741	1.583	0.0001	7.69E-07	88.12%
0.3786	20.745	1.587	0.0001	7.93E-07	87.82%
0.3790	20.750	1.591	0.0000	8.19E-07	87.52%
0.3795	20.755	1.595	0.0000	8.50E-07	87.16%
0.3797	20.757	1.597	0.0000	8.61E-07	87.03%
0.3797	20.758	1.598	0.0000	8.67E-07	86.97%
0.3799	20.760	1.600	0.0000	8.79E-07	86.84%
0.3799	20.759	1.599	0.0000	8.75E-07	86.88%
0.3803	20.764	1.604	0.0000	9.08E-07	86.54%
0.3802	20.762	1.602	0.0000	8.96E-07	86.65%
0.3800	20.761	1.601	0.0000	8.85E-07	86.77%
0.3799	20.760	1.600	0.0000	8.79E-07	86.84%
0.3799	20.760	1.600	0.0000	8.81E-07	86.82%
0.3799	20.759	1.600	0.0000	8.78E-07	86.85%
				5.47E-07	91.45%

K3/K2
Run1
Rep2

Cycle		r2
1	0.0000	
2	0.0006	
3	0.0004	
4	0.0000	
5	0.0000	
6	0.0003	
7	0.0000	
8	0.0000	
9	0.0000	
10	0.0000	
11	0.0019	
12	0.0007	
13	0.0010	
14	0.0044	0.829772
15	0.0083	0.954447
16	0.0161	0.987587
17	0.0301	0.996446
18	0.0511	0.998837
19	0.0864	0.999388
20	0.1347	0.999754
21	0.1905	0.999888
22	0.2430	0.999940
23	0.2848	0.999962
24	0.3084	0.999949
25	0.3226	0.999948
26	0.3325	0.999958
27	0.3378	0.999963
28	0.3395	0.999968
29	0.3445	0.999954
30	0.3469	0.999934
31	0.3503	0.999889
32	0.3459	0.999896
33	0.3469	0.999900
34	0.3502	0.999884
35	0.3469	0.999889
36	0.3482	0.999891
37	0.3507	0.999879
38	0.3492	0.999879
39	0.3477	0.999883
40	0.3468	0.999886
41	0.3485	0.999888
42	0.3487	0.999889
43	0.3453	0.999888
44	0.3442	0.999883
45	0.3463	0.999885
		0.999968

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.3947	17.518	0.770	0.0003	5.21E-11	266.41%
0.0097	14.181	0.531	0.0003	2.41E-14	558.24%
0.0438	16.621	1.106	0.0002	1.30E-08	147.00%
0.1096	18.252	1.279	0.0002	6.95E-08	118.55%
0.1320	18.611	1.317	0.0001	9.66E-08	113.63%
0.2988	20.368	1.516	0.0000	4.36E-07	93.43%
0.3517	20.744	1.557	0.0000	5.76E-07	90.06%
0.3536	20.758	1.559	0.0000	5.85E-07	89.90%
0.3505	20.732	1.553	0.0000	5.61E-07	90.35%
0.3514	20.740	1.556	0.0000	5.72E-07	90.15%
0.3446	20.671	1.529	0.0001	4.63E-07	92.33%
0.3418	20.641	1.514	0.0002	4.10E-07	93.58%
0.3419	20.642	1.515	0.0002	4.12E-07	93.53%
0.3423	20.646	1.517	0.0001	4.22E-07	93.30%
0.3422	20.645	1.516	0.0002	4.19E-07	93.37%
0.3432	20.657	1.526	0.0001	4.52E-07	92.60%
0.3443	20.669	1.535	0.0000	4.91E-07	91.80%
0.3456	20.684	1.548	0.0000	5.45E-07	90.77%
0.3457	20.685	1.549	0.0000	5.50E-07	90.68%
0.3459	20.688	1.552	-0.0001	5.60E-07	90.51%
0.3465	20.695	1.558	-0.0001	5.89E-07	90.02%
0.3465	20.695	1.559	-0.0001	5.93E-07	89.96%
0.3467	20.698	1.561	-0.0001	6.03E-07	89.80%
0.3471	20.702	1.565	-0.0001	6.24E-07	89.46%
0.3473	20.705	1.567	-0.0002	6.35E-07	89.29%
0.3474	20.705	1.568	-0.0002	6.37E-07	89.26%
0.3473	20.705	1.567	-0.0002	6.36E-07	89.28%
0.3474	20.706	1.568	-0.0002	6.41E-07	89.20%
0.3475	20.707	1.569	-0.0002	6.46E-07	89.12%
0.3474	20.706	1.568	-0.0002	6.39E-07	89.23%
0.3472	20.703	1.566	-0.0002	6.29E-07	89.38%
0.3472	20.703	1.565	-0.0001	6.27E-07	89.42%
				4.10E-07	93.58%

K3/K2
Run1
Rep3

Cycle		r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0002	
5	0.0000	
6	0.0008	
7	0.0001	
8	0.0000	
9	0.0000	
10	0.0007	
11	0.0000	
12	0.0006	
13	0.0035	
14	0.0056	
15	0.0108	0.984038
16	0.0189	0.994603
17	0.0363	0.997877
18	0.0636	0.999314
19	0.1018	0.999740
20	0.1581	0.999785
21	0.2282	0.999870
22	0.2907	0.999892
23	0.3360	0.999880
24	0.3698	0.999916
25	0.3844	0.999909
26	0.3981	0.999925
27	0.4022	0.999935
28	0.4059	0.999944
29	0.4104	0.999942
30	0.4148	0.999917
31	0.4123	0.999922
32	0.4141	0.999921
33	0.4129	0.999925
34	0.4164	0.999915
35	0.4156	0.999913
36	0.4156	0.999912
37	0.4158	0.999912
38	0.4170	0.999907
39	0.4150	0.999909
40	0.4134	0.999912
41	0.4158	0.999912
42	0.4141	0.999914
43	0.4129	0.999916
44	0.4130	0.999917
45	0.4101	0.999910
		0.999944

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0206	14.936	1.005	0.0001	7.23E-09	170.51%
0.0445	16.382	1.225	0.0001	6.89E-08	126.28%
1.3065	22.573	1.566	0.0000	7.18E-07	89.38%
0.3348	20.178	1.502	0.0000	4.91E-07	94.58%
0.2637	19.676	1.456	0.0001	3.57E-07	98.72%
0.4033	20.702	1.592	-0.0001	9.06E-07	87.44%
0.4807	21.169	1.660	-0.0002	1.39E-06	82.64%
0.4362	20.879	1.602	-0.0001	9.51E-07	86.70%
0.4143	20.709	1.551	0.0001	6.58E-07	90.56%
0.4139	20.705	1.550	0.0001	6.51E-07	90.67%
0.4088	20.659	1.527	0.0002	5.44E-07	92.49%
0.4095	20.666	1.531	0.0002	5.62E-07	92.17%
0.4090	20.661	1.528	0.0002	5.47E-07	92.44%
0.4090	20.661	1.528	0.0002	5.47E-07	92.44%
0.4098	20.669	1.534	0.0002	5.77E-07	91.91%
0.4112	20.682	1.545	0.0001	6.31E-07	91.03%
0.4115	20.685	1.547	0.0001	6.44E-07	90.83%
0.4120	20.690	1.552	0.0001	6.66E-07	90.50%
0.4121	20.691	1.553	0.0000	6.73E-07	90.40%
0.4127	20.697	1.558	0.0000	7.02E-07	90.01%
0.4131	20.700	1.561	0.0000	7.19E-07	89.76%
0.4133	20.703	1.564	0.0000	7.34E-07	89.57%
0.4136	20.706	1.566	0.0000	7.47E-07	89.40%
0.4139	20.709	1.569	-0.0001	7.64E-07	89.18%
0.4140	20.710	1.569	-0.0001	7.70E-07	89.11%
0.4140	20.709	1.569	-0.0001	7.67E-07	89.14%
0.4141	20.711	1.570	-0.0001	7.75E-07	89.04%
0.4141	20.711	1.570	-0.0001	7.76E-07	89.04%
0.4140	20.710	1.570	-0.0001	7.72E-07	89.09%
0.4140	20.709	1.569	-0.0001	7.68E-07	89.13%
0.4138	20.707	1.567	-0.0001	7.56E-07	89.28%
				5.44E-07	92.49%

Cycle	K3/K2 Run1 Rep4	r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0011	
5	0.0005	
6	0.0000	
7	0.0002	
8	0.0003	
9	0.0000	
10	0.0000	
11	0.0000	
12	0.0025	
13	0.0022	
14	0.0051	0.882027
15	0.0101	0.968585
16	0.0189	0.991342
17	0.0346	0.997466
18	0.0636	0.999206
19	0.1039	0.999679
20	0.1642	0.999798
21	0.2350	0.999907
22	0.2981	0.999932
23	0.3495	0.999957
24	0.3874	0.999956
25	0.4053	0.999961
26	0.4215	0.999959
27	0.4256	0.999965
28	0.4321	0.999965
29	0.4372	0.999950
30	0.4403	0.999931
31	0.4380	0.999935
32	0.4431	0.999914
33	0.4419	0.999911
34	0.4426	0.999908
35	0.4388	0.999912
36	0.4456	0.999892
37	0.4427	0.999892
38	0.4422	0.999895
39	0.4416	0.999897
40	0.4399	0.999900
41	0.4420	0.999902
42	0.4406	0.999905
43	0.4407	0.999907
44	0.4401	0.999909
45	0.4407	0.999911
		0.999965

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0133	14.626	1.123	0.0002	2.93E-08	143.67%
0.0789	17.549	1.312	0.0002	1.22E-07	114.35%
0.0877	17.723	1.322	0.0002	1.32E-07	113.11%
0.1700	18.926	1.405	0.0002	2.39E-07	103.79%
0.6007	21.261	1.526	0.0001	5.36E-07	92.54%
0.2877	19.816	1.428	0.0002	2.70E-07	101.43%
0.4290	20.742	1.544	0.0000	6.29E-07	91.10%
0.4520	20.877	1.565	0.0000	7.25E-07	89.48%
0.4264	20.706	1.527	0.0001	5.50E-07	92.50%
0.4280	20.718	1.531	0.0001	5.67E-07	92.19%
0.4345	20.772	1.552	0.0000	6.68E-07	90.48%
0.4320	20.750	1.541	0.0001	6.16E-07	91.31%
0.4343	20.772	1.553	0.0000	6.76E-07	90.37%
0.4338	20.767	1.550	0.0000	6.60E-07	90.60%
0.4347	20.775	1.556	0.0000	6.92E-07	90.14%
0.4362	20.789	1.566	-0.0001	7.51E-07	89.35%
0.4376	20.802	1.577	-0.0002	8.15E-07	88.56%
0.4378	20.804	1.579	-0.0002	8.29E-07	88.39%
0.4389	20.814	1.587	-0.0003	8.87E-07	87.75%
0.4394	20.820	1.592	-0.0003	9.19E-07	87.42%
0.4399	20.824	1.596	-0.0003	9.49E-07	87.11%
0.4398	20.824	1.595	-0.0003	9.43E-07	87.16%
0.4405	20.830	1.601	-0.0004	9.87E-07	86.73%
0.4408	20.832	1.603	-0.0004	1.00E-06	86.57%
0.4409	20.834	1.605	-0.0004	1.02E-06	86.46%
0.4410	20.835	1.606	-0.0004	1.02E-06	86.41%
0.4410	20.834	1.605	-0.0004	1.02E-06	86.44%
0.4411	20.835	1.606	-0.0004	1.03E-06	86.38%
0.4411	20.835	1.606	-0.0004	1.03E-06	86.38%
0.4411	20.835	1.606	-0.0004	1.03E-06	86.38%
0.4411	20.835	1.606	-0.0004	1.02E-06	86.40%
0.4411	20.835	1.606	-0.0004	1.02E-06	86.40%
				5.50E-07	92.50%

Amplicon: K3/K2

No: 4.17E+02

Cycle	K3/K2 Run1-5 Av. Av. Fc
1	0.0003
2	0.0003
3	0.0003
4	0.0003
5	0.0005
6	0.0004
7	0.0002
8	0.0001
9	0.0003
10	0.0003
11	0.0001
12	0.0004
13	0.0003
14	0.0009
15	0.0011
16	0.0018
17	0.0038
18	0.0074
19	0.0128
20	0.0228
21	0.0403
22	0.0692
23	0.1127
24	0.1700
25	0.2340
26	0.2899
27	0.3324
28	0.3586
29	0.3735
30	0.3837
31	0.3897
32	0.3937
33	0.3971
34	0.4007
35	0.4001
36	0.3884
37	0.3897
38	0.3895
39	0.3888
40	0.3899
41	0.3890
42	0.3895
43	0.3900
44	0.3898
45	0.3904

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
70.89%	0.931774	0.0027	15.775	1.090	0.0003	1.41E-09
28.03%	0.981877	0.0615	20.645	1.291	0.0003	6.98E-09
22.87%	0.995717	0.0836	21.121	1.312	0.0003	8.51E-09
22.87%	0.998662	0.0321	19.541	1.212	0.0003	3.19E-09
18.00%	0.999362	0.0920	21.616	1.431	0.0003	2.54E-08
17.66%	0.999714	0.2919	23.899	1.577	0.0002	7.62E-08
17.84%	0.999901	0.4206	24.627	1.613	0.0002	9.88E-08
17.83%	0.999964	0.4249	24.650	1.615	0.0002	9.99E-08
17.01%	0.999985	0.4164	24.601	1.610	0.0002	9.59E-08
16.44%	0.999993	0.4155	24.595	1.609	0.0002	9.51E-08
16.51%	0.999988	0.4020	24.492	1.584	0.0003	7.78E-08
16.24%	0.999991	0.3990	24.467	1.576	0.0003	7.25E-08
15.83%	0.999988	0.3957	24.436	1.564	0.0003	6.47E-08
15.88%	0.999985	0.3937	24.416	1.554	0.0004	5.90E-08
15.51%	0.999988	0.3938	24.417	1.555	0.0004	5.94E-08
15.74%	0.999988	0.3943	24.422	1.558	0.0004	6.14E-08
15.94%	0.999986	0.3951	24.430	1.563	0.0003	6.46E-08
15.67%	0.999977	0.3960	24.440	1.571	0.0003	6.94E-08
15.53%	0.999953	0.3972	24.453	1.581	0.0002	7.64E-08
15.57%	0.999949	0.3978	24.460	1.587	0.0002	8.04E-08
16.15%	0.999878	0.3963	24.443	1.573	0.0003	7.04E-08
15.93%	0.999849	0.3953	24.433	1.564	0.0003	6.49E-08
15.85%	0.999828	0.3945	24.425	1.557	0.0004	6.07E-08
16.04%	0.999809	0.3938	24.417	1.551	0.0004	5.72E-08
15.97%	0.999804	0.3934	24.413	1.547	0.0004	5.50E-08
15.74%	0.999795	0.3930	24.408	1.543	0.0005	5.29E-08
15.99%	0.999792	0.3926	24.405	1.540	0.0005	5.14E-08
15.90%	0.999793	0.3924	24.402	1.538	0.0005	5.03E-08
15.97%	0.999793	0.3922	24.400	1.536	0.0005	4.93E-08
15.92%	0.999796	0.3920	24.398	1.534	0.0005	4.86E-08
	0.999993					5.90E-08

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0000	0.0008	0.0009	0.0017	0.0000	0.0000	0.0000	0.0003
2	0.0006	0.0016	0.0007	0.0018	0.0000	0.0000	0.0003	0.0001
3	0.0012	0.0000	0.0020	0.0004	0.0000	0.0000	0.0005	0.0005
4	0.0029	0.0005	0.0005	0.0015	0.0001	0.0000	0.0000	0.0000
5	0.0020	0.0010	0.0009	0.0017	0.0003	0.0000	0.0000	0.0007
6	0.0007	0.0018	0.0003	0.0003	0.0000	0.0011	0.0012	0.0010
7	0.0001	0.0008	0.0001	0.0000	0.0019	0.0000	0.0000	0.0004
8	0.0000	0.0000	0.0010	0.0003	0.0000	0.0000	0.0000	0.0000
9	0.0000	0.0002	0.0000	0.0000	0.0008	0.0014	0.0015	0.0000
10	0.0002	0.0000	0.0001	0.0012	0.0000	0.0000	0.0013	0.0002
11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0013
12	0.0017	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000
13	0.0004	0.0010	0.0000	0.0005	0.0005	0.0009	0.0000	0.0000
14	0.0013	0.0012	0.0009	0.0004	0.0028	0.0006	0.0000	0.0001
15	0.0017	0.0011	0.0001	0.0002	0.0017	0.0014	0.0013	0.0016
16	0.0033	0.0001	0.0000	0.0004	0.0021	0.0014	0.0019	0.0025
17	0.0058	0.0022	0.0031	0.0024	0.0031	0.0032	0.0035	0.0038
18	0.0079	0.0058	0.0054	0.0057	0.0086	0.0070	0.0057	0.0058
19	0.0184	0.0106	0.0126	0.0074	0.0144	0.0113	0.0109	0.0116
20	0.0284	0.0193	0.0209	0.0188	0.0245	0.0196	0.0193	0.0198
21	0.0513	0.0338	0.0378	0.0296	0.0461	0.0362	0.0335	0.0342
22	0.0878	0.0582	0.0648	0.0515	0.0797	0.0626	0.0599	0.0591
23	0.1377	0.0961	0.1081	0.0862	0.1274	0.1014	0.0936	0.0941
24	0.2082	0.1448	0.1610	0.1283	0.1871	0.1538	0.1447	0.1436
25	0.2849	0.1981	0.2269	0.1815	0.2579	0.2129	0.2002	0.1993
26	0.3536	0.2449	0.2788	0.2254	0.3111	0.2552	0.2471	0.2484
27	0.4015	0.2831	0.3240	0.2598	0.3612	0.2898	0.2802	0.2855
28	0.4330	0.3030	0.3515	0.2832	0.3839	0.3096	0.3065	0.3082
29	0.4504	0.3149	0.3644	0.2935	0.3975	0.3274	0.3160	0.3235
30	0.4610	0.3256	0.3767	0.3001	0.4135	0.3360	0.3248	0.3311
31	0.4668	0.3302	0.3817	0.3070	0.4189	0.3400	0.3282	0.3325
32	0.4772	0.3372	0.3837	0.3079	0.4199	0.3411	0.3330	0.3379
33	0.4779	0.3388	0.3874	0.3132	0.4277	0.3428	0.3366	0.3410
34	0.4792	0.3429	0.3888	0.3154	0.4291	0.3491	0.3413	0.3463
35	0.4780	0.3354	0.3908	0.3147	0.4264	0.3495	0.3407	0.3459
36	0.4802	0.3398	0.3877	0.3146	0.4323	0.3516	0.3395	0.3436
37	0.4822	0.3438	0.3926	0.3163	0.4321	0.3511	0.3396	0.3458
38	0.4812	0.3383	0.3926	0.3150	0.4298	0.3504	0.3439	0.3501
39	0.4794	0.3379	0.3919	0.3141	0.4291	0.3501	0.3364	0.3464
40	0.4772	0.3400	0.3933	0.3156	0.4284	0.3504	0.3429	0.3474
41	0.4791	0.3408	0.3921	0.3156	0.4326	0.3540	0.3383	0.3475
42	0.4786	0.3374	0.3916	0.3153	0.4343	0.3506	0.3438	0.3465
43	0.4796	0.3379	0.3885	0.3154	0.4301	0.3548	0.3423	0.3509
44	0.4791	0.3391	0.3887	0.3141	0.4303	0.3534	0.3430	0.3466
45	0.4772	0.3367	0.3885	0.3150	0.4360	0.3530	0.3415	0.3491

Eo	Cycle	K3/K2 Run1 Av. Av. Fc	CV	r2	Fmax	$C_{1/2}$	k	Fb
	1	0.0009						
	2	0.0012						
	3	0.0009						
	4	0.0014						
	5	0.0014						
	6	0.0008						
	7	0.0003						
	8	0.0003						
	9	0.0001						
	10	0.0004						
	11	0.0000						
	12	0.0004						
	13	0.0005						
	14	0.0010						
150.30%	15	0.0008						
116.96%	16	0.0010						
114.31%	17	0.0034						
128.24%	18	0.0062	37.76%	0.978974	0.0233	19.009	0.901	0.0006
101.09%	19	0.0123	20.40%	0.993754	0.0439	20.071	1.065	0.0006
88.56%	20	0.0219	24.66%	0.997683	0.0987	21.630	1.282	0.0006
85.86%	21	0.0381	24.06%	0.999019	0.2353	23.419	1.471	0.0005
85.75%	22	0.0656	20.86%	0.999612	0.3473	24.266	1.551	0.0005
86.13%	23	0.1070	21.45%	0.999839	0.3645	24.383	1.565	0.0005
86.20%	24	0.1606	20.38%	0.999909	0.3979	24.623	1.606	0.0004
87.97%	25	0.2229	20.47%	0.999937	0.3816	24.494	1.576	0.0005
88.59%	26	0.2757	19.62%	0.999959	0.3808	24.487	1.573	0.0005
89.55%	27	0.3171	19.47%	0.999968	0.3784	24.464	1.564	0.0005
90.32%	28	0.3427	19.59%	0.999962	0.3754	24.433	1.549	0.0006
90.27%	29	0.3558	19.40%	0.999969	0.3753	24.432	1.549	0.0006
90.00%	30	0.3659	19.07%	0.999973	0.3757	24.436	1.551	0.0006
89.58%	31	0.3714	19.66%	0.999966	0.3768	24.448	1.559	0.0005
89.00%	32	0.3765	19.13%	0.999957	0.3778	24.459	1.568	0.0005
88.21%	33	0.3793	18.81%	0.999943	0.3788	24.470	1.576	0.0004
87.80%	34	0.3816	19.22%	0.999947	0.3790	24.472	1.578	0.0004
88.87%	35	0.3797	19.18%	0.999949	0.3792	24.475	1.580	0.0004
89.54%	36	0.3806	18.98%	0.999937	0.3798	24.482	1.586	0.0004
90.08%	37	0.3837	19.34%	0.999938	0.3801	24.484	1.589	0.0004
90.57%	38	0.3818	19.26%	0.999941	0.3801	24.485	1.589	0.0004
90.88%	39	0.3808	18.76%	0.999943	0.3802	24.486	1.590	0.0004
91.21%	40	0.3815	18.90%	0.999944	0.3803	24.487	1.591	0.0003
91.45%	41	0.3819	19.09%	0.999946	0.3803	24.487	1.591	0.0003
91.63%	42	0.3807	19.16%	0.999948	0.3803	24.487	1.591	0.0003
91.79%	43	0.3804	19.15%	0.999949	0.3803	24.487	1.591	0.0003
91.90%	44	0.3803	19.02%	0.999950	0.3802	24.486	1.590	0.0004
90.32%	45	0.3794		0.999973				

Run#3				Run#4				
Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0002	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0003	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0009	0.0016	0.0000	0.0000
0.0000	0.0001	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000	0.0004	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0009	0.0002	0.0000	0.0000	0.0000	0.0005	0.0000	0.0001	0.0000
0.0000	0.0001	0.0007	0.0018	0.0000	0.0005	0.0004	0.0003	0.0000
0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000
0.0004	0.0025	0.0009	0.0000	0.0017	0.0004	0.0000	0.0003	0.0006
0.0008	0.0000	0.0003	0.0003	0.0000	0.0000	0.0018	0.0003	0.0000
0.0015	0.0009	0.0007	0.0004	0.0022	0.0006	0.0020	0.0006	0.0011
0.0012	0.0011	0.0012	0.0009	0.0012	0.0026	0.0020	0.0006	0.0000
0.0049	0.0017	0.0011	0.0025	0.0031	0.0023	0.0032	0.0006	0.0019
0.0059	0.0037	0.0031	0.0030	0.0051	0.0051	0.0049	0.0036	0.0040
0.0081	0.0067	0.0056	0.0066	0.0105	0.0078	0.0111	0.0069	0.0094
0.0144	0.0102	0.0088	0.0093	0.0175	0.0158	0.0137	0.0134	0.0164
0.0238	0.0174	0.0188	0.0164	0.0300	0.0248	0.0281	0.0234	0.0289
0.0396	0.0358	0.0321	0.0288	0.0508	0.0453	0.0475	0.0425	0.0496
0.0696	0.0563	0.0556	0.0502	0.0875	0.0764	0.0828	0.0701	0.0863
0.1147	0.0933	0.0869	0.0799	0.1425	0.1250	0.1340	0.1181	0.1414
0.1730	0.1403	0.1361	0.1241	0.2105	0.1909	0.2010	0.1773	0.2094
0.2372	0.1960	0.1896	0.1702	0.2912	0.2596	0.2723	0.2418	0.2900
0.2941	0.2406	0.2391	0.2127	0.3594	0.3221	0.3414	0.3032	0.3583
0.3383	0.2758	0.2733	0.2481	0.4097	0.3686	0.3911	0.3469	0.4085
0.3652	0.3019	0.2978	0.2690	0.4375	0.3907	0.4248	0.3785	0.4364
0.3816	0.3158	0.3079	0.2792	0.4550	0.4092	0.4437	0.3933	0.4538
0.3933	0.3252	0.3199	0.2903	0.4666	0.4218	0.4479	0.4044	0.4655
0.3956	0.3260	0.3237	0.2972	0.4725	0.4273	0.4630	0.4121	0.4714
0.4007	0.3305	0.3257	0.2990	0.4837	0.4287	0.4656	0.4148	0.4825
0.4035	0.3349	0.3282	0.3042	0.4821	0.4352	0.4710	0.4167	0.4809
0.4062	0.3363	0.3359	0.3038	0.4885	0.4383	0.4723	0.4227	0.4874
0.4036	0.3360	0.3358	0.3052	0.4874	0.4381	0.4719	0.4247	0.4863
0.4109	0.3364	0.3344	0.3080	0.4890	0.4427	0.4788	0.4241	
0.4149	0.3417	0.3375	0.3049	0.4891	0.4418	0.4746	0.4271	
0.4121	0.3420	0.3374	0.3069	0.4902	0.4432	0.4750	0.4233	
0.4090	0.3419	0.3362	0.3113	0.4904	0.4413	0.4818	0.4234	
0.4121	0.3418	0.3405	0.3059	0.4942	0.4452	0.4796	0.4240	
0.4087	0.3416	0.3358	0.3089	0.4853	0.4417	0.4772	0.4242	
0.4105	0.3443	0.3352	0.3066	0.4898	0.4403	0.4805	0.4260	
0.4132	0.3413	0.3355	0.3096	0.4912	0.4429	0.4790	0.4272	
0.4137	0.3407	0.3396	0.3078	0.4931	0.4410	0.4786	0.4278	
0.4152	0.3398	0.3390	0.3113	0.4900	0.4456	0.4775	0.4310	

Cycle	K3/K2 Run2 Av. Av. Fc
1	0.0001
2	0.0001
3	0.0003
4	0.0000
5	0.0003
6	0.0008
7	0.0006
8	0.0000
9	0.0009
10	0.0004
11	0.0004
12	0.0001
13	0.0004
14	0.0009
15	0.0015
16	0.0020
17	0.0034
18	0.0068
19	0.0121
20	0.0208
21	0.0375
22	0.0653
23	0.1041
24	0.1573
25	0.2176
26	0.2655
27	0.3042
28	0.3271
29	0.3411
30	0.3514
31	0.3549
32	0.3580
33	0.3620
34	0.3665
35	0.3656
36	0.3668
37	0.3672
38	0.3686
39	0.3655
40	0.3673
41	0.3681
42	0.3688
43	0.3695
44	0.3683
45	0.3699

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
1.61E-11	203.37%	13.22%	0.991900	0.0713	21.329	1.431
2.88E-10	155.66%	11.90%	0.997442	0.0826	21.610	1.453
4.66E-09	118.12%	15.59%	0.999081	0.5647	25.340	1.636
2.87E-08	97.33%	14.85%	0.999707	0.6160	25.507	1.641
5.57E-08	90.55%	15.29%	0.999856	0.3163	24.109	1.551
6.25E-08	89.45%	12.96%	0.999925	0.3741	24.521	1.602
8.72E-08	86.40%	12.68%	0.999960	0.3933	24.660	1.625
6.77E-08	88.63%	11.54%	0.999922	0.3612	24.395	1.563
6.64E-08	88.81%	12.56%	0.999950	0.3611	24.394	1.563
6.10E-08	89.52%	11.59%	0.999960	0.3588	24.371	1.553
5.29E-08	90.72%	11.11%	0.999968	0.3581	24.363	1.549
5.28E-08	90.75%	11.86%	0.999969	0.3593	24.377	1.557
5.41E-08	90.54%	12.10%	0.999974	0.3594	24.378	1.557
5.86E-08	89.88%	11.57%	0.999976	0.3597	24.381	1.560
6.34E-08	89.23%	12.12%	0.999966	0.3607	24.392	1.568
6.87E-08	88.58%	11.43%	0.999926	0.3621	24.409	1.581
6.99E-08	88.44%	11.13%	0.999918	0.3628	24.417	1.589
7.14E-08	88.27%	11.99%	0.999909	0.3635	24.425	1.595
7.55E-08	87.82%	11.86%	0.999902	0.3640	24.431	1.601
7.69E-08	87.67%	11.11%	0.999890	0.3646	24.438	1.607
7.73E-08	87.63%	11.71%	0.999895	0.3647	24.439	1.608
7.81E-08	87.55%	11.13%	0.999895	0.3650	24.443	1.610
7.90E-08	87.45%	11.81%	0.999892	0.3653	24.446	1.614
7.91E-08	87.45%	11.86%	0.999887	0.3656	24.450	1.617
7.89E-08	87.47%	11.02%	0.999879	0.3659	24.454	1.620
7.86E-08	87.49%	11.28%	0.999879	0.3661	24.456	1.622
7.80E-08	87.56%	11.98%	0.999872	0.3663	24.459	1.625
2.87E-08	90.75%		0.999976			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0006
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0001	0.0001
0.0016	0.0000	0.0001
0.0013	0.0013	0.0001
0.0041	0.0030	0.0031
0.0069	0.0092	0.0064
0.0148	0.0118	0.0129
0.0238	0.0262	0.0229
0.0443	0.0456	0.0420
0.0755	0.0809	0.0696
0.1241	0.1321	0.1176
0.1900	0.1991	0.1768
0.2587	0.2703	0.2413
0.3211	0.3395	0.3027
0.3676	0.3892	0.3464
0.3897	0.4228	0.3780
0.4082	0.4417	0.3928
0.4209	0.4460	0.4039
0.4264	0.4611	0.4116
0.4277	0.4637	0.4143
0.4343	0.4691	0.4162
0.4373	0.4704	0.4222
0.4372	0.4700	0.4242

Fb	Fo	Eo
0.0003	2.40E-08	101.13%
0.0003	2.86E-08	99.04%
0.0003	1.05E-07	84.31%
0.0003	1.10E-07	83.90%
0.0003	5.61E-08	90.56%
0.0003	8.44E-08	86.66%
0.0003	1.01E-07	85.03%
0.0004	5.99E-08	89.64%
0.0004	5.99E-08	89.65%
0.0004	5.47E-08	90.42%
0.0004	5.28E-08	90.72%
0.0004	5.69E-08	90.10%
0.0004	5.73E-08	90.04%
0.0004	5.86E-08	89.86%
0.0003	6.33E-08	89.22%
0.0003	7.18E-08	88.20%
0.0002	7.66E-08	87.67%
0.0002	8.14E-08	87.18%
0.0002	8.56E-08	86.78%
0.0001	9.04E-08	86.34%
0.0001	9.12E-08	86.27%
0.0001	9.34E-08	86.07%
0.0001	9.61E-08	85.85%
0.0001	9.90E-08	85.61%
0.0001	1.02E-07	85.37%
0.0000	1.04E-07	85.23%
0.0000	1.07E-07	85.02%
	5.28E-08	90.72%

K3/K2
Run3 Av.

Cycle	Av. Fc
1	0.0000
2	0.0000
3	0.0003
4	0.0001
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0003
10	0.0007
11	0.0000
12	0.0010
13	0.0004
14	0.0009
15	0.0011
16	0.0026
17	0.0039
18	0.0068
19	0.0107
20	0.0191
21	0.0341
22	0.0579
23	0.0937
24	0.1434
25	0.1983
26	0.2466
27	0.2839
28	0.3085
29	0.3211
30	0.3322
31	0.3356
32	0.3390
33	0.3427
34	0.3456
35	0.3452
36	0.3474
37	0.3498
38	0.3496
39	0.3496
40	0.3501
41	0.3488
42	0.3492
43	0.3499
44	0.3505
45	0.3513

CV	r2	Fmax	$C_{1/2}$
23.89%	0.993332	0.0443	20.966
17.20%	0.997144	0.5102	25.920
13.68%	0.998919	2.9002	28.813
14.24%	0.999607	0.9505	26.795
16.04%	0.999831	0.4030	25.003
14.58%	0.999932	0.4094	25.041
14.22%	0.999955	0.3695	24.761
13.85%	0.999952	0.3475	24.572
13.52%	0.999966	0.3434	24.531
13.15%	0.999975	0.3422	24.518
13.48%	0.999971	0.3398	24.490
13.11%	0.999973	0.3408	24.503
12.53%	0.999977	0.3407	24.502
12.81%	0.999979	0.3410	24.505
12.44%	0.999971	0.3418	24.515
12.50%	0.999952	0.3428	24.527
12.04%	0.999948	0.3433	24.533
12.74%	0.999934	0.3440	24.542
13.28%	0.999904	0.3449	24.553
12.72%	0.999888	0.3455	24.560
11.95%	0.999878	0.3460	24.567
12.73%	0.999869	0.3464	24.572
12.17%	0.999870	0.3466	24.575
12.59%	0.999870	0.3468	24.578
12.69%	0.999867	0.3471	24.581
12.80%	0.999863	0.3473	24.584
12.69%	0.999855	0.3476	24.588
	0.999979		

k	Fb	Fo	Eo
1.696	0.0001	1.89E-07	80.34%
1.813	0.0001	3.15E-07	73.61%
1.759	0.0002	2.22E-07	76.59%
1.752	0.0002	2.16E-07	76.97%
1.675	0.0002	1.32E-07	81.68%
1.678	0.0002	1.36E-07	81.45%
1.637	0.0003	9.94E-08	84.22%
1.594	0.0003	7.01E-08	87.28%
1.581	0.0004	6.26E-08	88.25%
1.576	0.0004	5.98E-08	88.64%
1.562	0.0004	5.28E-08	89.68%
1.569	0.0004	5.65E-08	89.11%
1.569	0.0004	5.60E-08	89.18%
1.571	0.0004	5.72E-08	89.02%
1.578	0.0004	6.14E-08	88.44%
1.588	0.0003	6.72E-08	87.70%
1.593	0.0003	7.05E-08	87.32%
1.601	0.0002	7.55E-08	86.78%
1.610	0.0002	8.20E-08	86.12%
1.617	0.0002	8.72E-08	85.63%
1.622	0.0001	9.15E-08	85.25%
1.627	0.0001	9.55E-08	84.91%
1.629	0.0001	9.77E-08	84.73%
1.632	0.0001	9.99E-08	84.55%
1.635	0.0001	1.02E-07	84.35%
1.638	0.0001	1.05E-07	84.15%
1.641	0.0000	1.08E-07	83.93%
		5.28E-08	89.68%

K3/K2 Run4 Av.

Cycle	Av. Fc
1	0.0003
2	0.0000
3	0.0000
4	0.0002
5	0.0006
6	0.0002
7	0.0001
8	0.0000
9	0.0002
10	0.0003
11	0.0001
12	0.0006
13	0.0005
14	0.0014
15	0.0016
16	0.0023
17	0.0047
18	0.0091
19	0.0151
20	0.0266
21	0.0465
22	0.0792
23	0.1299
24	0.1949
25	0.2662
26	0.3315
27	0.3791
28	0.4079
29	0.4253
30	0.4352
31	0.4437
32	0.4482
33	0.4513
34	0.4555
35	0.4555
36	0.4587
37	0.4582
38	0.4579
39	0.4592
40	0.4608
41	0.4571
42	0.4592
43	0.4601
44	0.4601
45	0.4610

CV	r2	Fmax
12.74%	0.996606	0.0549
11.35%	0.998801	0.2113
7.54%	0.999591	0.6238
9.57%	0.999863	0.6726
8.18%	0.999951	0.6449
7.29%	0.999960	0.4920
7.82%	0.999975	0.4658
7.32%	0.999986	0.4628
7.19%	0.999986	0.4564
6.82%	0.999977	0.4506
6.79%	0.999977	0.4483
6.33%	0.999979	0.4473
6.47%	0.999978	0.4483
7.12%	0.999975	0.4493
6.76%	0.999969	0.4503
6.64%	0.999949	0.4516
6.39%	0.999941	0.4525
6.63%	0.999921	0.4535
6.25%	0.999913	0.4542
6.61%	0.999910	0.4547
6.98%	0.999904	0.4552
6.94%	0.999892	0.4558
6.34%	0.999896	0.4559
6.71%	0.999895	0.4562
6.52%	0.999891	0.4565
6.69%	0.999889	0.4568
5.94%	0.999884	0.4571
	0.999986	

$C_{1/2}$	k	Fb	Fo	Eo
20.412	1.437	0.0002	3.71E-08	100.57%
23.168	1.626	0.0002	1.37E-07	84.95%
25.276	1.694	0.0002	2.07E-07	80.45%
25.428	1.700	0.0002	2.15E-07	80.07%
25.338	1.695	0.0002	2.09E-07	80.36%
24.689	1.633	0.0002	1.34E-07	84.45%
24.538	1.609	0.0003	1.10E-07	86.21%
24.518	1.604	0.0003	1.06E-07	86.56%
24.470	1.588	0.0003	9.32E-08	87.68%
24.422	1.569	0.0004	7.84E-08	89.14%
24.402	1.559	0.0005	7.16E-08	89.90%
24.394	1.554	0.0005	6.84E-08	90.28%
24.403	1.560	0.0005	7.23E-08	89.82%
24.412	1.567	0.0004	7.69E-08	89.32%
24.421	1.573	0.0004	8.18E-08	88.81%
24.433	1.584	0.0003	8.99E-08	88.04%
24.441	1.590	0.0003	9.53E-08	87.57%
24.451	1.598	0.0002	1.03E-07	86.95%
24.457	1.604	0.0002	1.08E-07	86.54%
24.462	1.608	0.0001	1.12E-07	86.25%
24.467	1.612	0.0001	1.17E-07	85.93%
24.473	1.617	0.0001	1.22E-07	85.58%
24.474	1.618	0.0001	1.23E-07	85.50%
24.476	1.621	0.0001	1.26E-07	85.33%
24.479	1.624	0.0000	1.29E-07	85.14%
24.482	1.626	0.0000	1.32E-07	84.97%
24.485	1.629	0.0000	1.35E-07	84.79%
			6.84E-08	90.28%

K3/K2
Run5 Av.

Cycle	Av. Fc	CV	r2
1	0.0002		
2	0.0000		
3	0.0000		
4	0.0000		
5	0.0000		
6	0.0000		
7	0.0000		
8	0.0000		
9	0.0000		
10	0.0000		
11	0.0000		
12	0.0002		
13	0.0000		
14	0.0003		
15	0.0004		
16	0.0012		
17	0.0036		
18	0.0080	CV	r2
19	0.0140	14.58%	0.999616
20	0.0255	10.57%	0.998772
21	0.0454	7.02%	0.999390
22	0.0781	9.18%	0.999762
23	0.1288	7.98%	0.999901
24	0.1938	7.14%	0.999956
25	0.2651	7.71%	0.999979
26	0.3304	7.24%	0.999988
27	0.3779	7.10%	0.999990
28	0.4067	6.74%	0.999983
29	0.4241	6.70%	0.999984
30	0.4341	6.26%	0.999985
31	0.4426	6.38%	0.999983
32	0.4471	7.05%	0.999978
33	0.4501	6.68%	0.999971
34	0.4543	6.57%	0.999949
35	0.4544	6.31%	0.999940
			0.999990

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0217	18.481	0.887	0.0000	1.92E-11	208.91%
0.0691	20.684	1.263	0.0000	5.32E-09	120.76%
0.2004	22.800	1.466	-0.0001	3.51E-08	97.85%
0.3645	24.018	1.554	-0.0001	7.04E-08	90.34%
0.5050	24.722	1.608	-0.0001	1.06E-07	86.25%
0.4596	24.497	1.583	-0.0001	8.77E-08	88.06%
0.4540	24.464	1.578	-0.0001	8.36E-08	88.50%
0.4576	24.488	1.583	-0.0001	8.79E-08	88.05%
0.4536	24.458	1.574	-0.0001	8.08E-08	88.78%
0.4488	24.419	1.558	0.0000	6.99E-08	90.01%
0.4469	24.403	1.550	0.0000	6.48E-08	90.65%
0.4462	24.396	1.546	0.0000	6.27E-08	90.93%
0.4474	24.407	1.553	0.0000	6.68E-08	90.40%
0.4484	24.416	1.560	0.0000	7.14E-08	89.86%
0.4494	24.426	1.567	-0.0001	7.63E-08	89.31%
0.4508	24.439	1.577	-0.0002	8.40E-08	88.53%
0.4517	24.447	1.584	-0.0002	8.93E-08	88.03%
				6.27E-08	90.93%

Cycle	K3/K2 Run1 Rep1	r2
1	0.0000	
2	0.0006	
3	0.0000	
4	0.0029	
5	0.0020	
6	0.0007	
7	0.0001	
8	0.0000	
9	0.0000	
10	0.0002	
11	0.0000	
12	0.0017	
13	0.0004	
14	0.0013	
15	0.0017	
16	0.0033	
17	0.0058	
18	0.0079	
19	0.0184	0.960176
20	0.0284	0.984384
21	0.0513	0.994399
22	0.0878	0.998151
23	0.1377	0.999271
24	0.2082	0.999656
25	0.2849	0.999834
26	0.3536	0.999900
27	0.4015	0.999908
28	0.4330	0.999925
29	0.4504	0.999933
30	0.4610	0.999943
31	0.4668	0.999951
32	0.4772	0.999926
33	0.4779	0.999925
34	0.4792	0.999926
35	0.4780	0.999932
36	0.4802	0.999933
37	0.4822	0.999928
38	0.4812	0.999929
39	0.4794	0.999933
40	0.4772	0.999934
41	0.4791	0.999937
42	0.4786	0.999939
43	0.4796	0.999941
44	0.4791	0.999943
45	0.4772	0.999943
		0.999951

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.5248	23.657	1.377	0.0007	1.82E-08	106.68%
0.0603	20.187	1.246	0.0007	5.58E-09	123.07%
0.4034	24.129	1.608	0.0006	1.22E-07	86.26%
0.6207	24.982	1.644	0.0006	1.56E-07	83.71%
0.3991	24.017	1.573	0.0006	9.31E-08	88.86%
0.5228	24.694	1.657	0.0005	1.76E-07	82.88%
0.5141	24.647	1.649	0.0005	1.66E-07	83.38%
0.4981	24.548	1.626	0.0006	1.39E-07	84.95%
0.4825	24.437	1.591	0.0007	1.03E-07	87.46%
0.4774	24.398	1.575	0.0008	8.97E-08	88.66%
0.4744	24.373	1.563	0.0008	8.02E-08	89.60%
0.4734	24.365	1.558	0.0009	7.66E-08	89.99%
0.4730	24.361	1.556	0.0009	7.50E-08	90.16%
0.4754	24.382	1.571	0.0008	8.60E-08	89.03%
0.4764	24.391	1.577	0.0008	9.18E-08	88.50%
0.4771	24.397	1.583	0.0007	9.62E-08	88.12%
0.4773	24.399	1.584	0.0007	9.72E-08	88.04%
0.4777	24.402	1.587	0.0007	1.00E-07	87.80%
0.4783	24.408	1.591	0.0007	1.04E-07	87.47%
0.4786	24.410	1.594	0.0006	1.07E-07	87.29%
0.4786	24.411	1.594	0.0006	1.07E-07	87.28%
0.4784	24.409	1.592	0.0006	1.05E-07	87.40%
0.4784	24.409	1.592	0.0006	1.05E-07	87.40%
0.4784	24.408	1.592	0.0007	1.05E-07	87.42%
0.4784	24.409	1.592	0.0006	1.05E-07	87.39%
0.4784	24.409	1.592	0.0006	1.05E-07	87.39%
0.478	24.408	1.591	6.56E-04	1.04E-07	87.47%
				7.50E-08	90.16%

Cycle	K3/K2 Run1 Rep2	r2
1	0.0008	
2	0.0016	
3	0.0000	
4	0.0005	
5	0.0010	
6	0.0018	
7	0.0008	
8	0.0000	
9	0.0002	
10	0.0000	
11	0.0000	
12	0.0000	
13	0.0010	
14	0.0012	
15	0.0011	
16	0.0001	
17	0.0022	
18	0.0058	0.949965
19	0.0106	0.983338
20	0.0193	0.994231
21	0.0338	0.997819
22	0.0582	0.999154
23	0.0961	0.999656
24	0.1448	0.999835
25	0.1981	0.999907
26	0.2449	0.999928
27	0.2831	0.999932
28	0.3030	0.999936
29	0.3149	0.999941
30	0.3256	0.999946
31	0.3302	0.999906
32	0.3372	0.999891
33	0.3388	0.999846
34	0.3429	0.999850
35	0.3354	0.999856
36	0.3398	0.999832
37	0.3438	0.999840
38	0.3383	0.999847
39	0.3379	0.999853
40	0.3400	0.999856
41	0.3408	0.999859
42	0.3374	0.999863
43	0.3379	0.999867
44	0.3391	0.999867
45	0.3367	0.999946

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0120	18.144	0.546	0.0006	4.40E-17	524.74%
0.0330	19.751	0.955	0.0006	3.45E-11	184.92%
0.0782	21.372	1.215	0.0005	1.80E-09	127.69%
0.1867	23.150	1.425	0.0005	1.64E-08	101.77%
0.3208	24.320	1.539	0.0004	4.42E-08	91.47%
0.3286	24.378	1.546	0.0004	4.68E-08	90.92%
0.3334	24.417	1.553	0.0004	4.96E-08	90.38%
0.3315	24.399	1.549	0.0004	4.78E-08	90.71%
0.3385	24.471	1.572	0.0004	5.89E-08	88.90%
0.3338	24.419	1.551	0.0004	4.86E-08	90.53%
0.3314	24.391	1.537	0.0005	4.26E-08	91.66%
0.3327	24.407	1.546	0.0005	4.64E-08	90.94%
0.3334	24.416	1.552	0.0004	4.91E-08	90.47%
0.3355	24.441	1.570	0.0003	5.82E-08	89.06%
0.3368	24.457	1.582	0.0003	6.50E-08	88.16%
0.3383	24.477	1.598	0.0002	7.52E-08	86.99%
0.3378	24.470	1.592	0.0002	7.14E-08	87.40%
0.3381	24.475	1.596	0.0002	7.38E-08	87.14%
0.3390	24.485	1.605	0.0002	8.02E-08	86.47%
0.3389	24.484	1.604	0.0002	7.93E-08	86.56%
0.3387	24.482	1.602	0.0002	7.83E-08	86.66%
0.3388	24.484	1.603	0.0002	7.92E-08	86.57%
0.3390	24.486	1.605	0.0002	8.06E-08	86.43%
0.3389	24.484	1.604	0.0002	7.93E-08	86.56%
0.3388	24.483	1.603	0.0002	7.85E-08	86.64%
0.3388	24.483	1.603	0.0002	7.86E-08	86.63%
0.3386	24.481	1.601	0.0002	7.73E-08	86.76%
				4.26E-08	91.66%

Cycle	K3/K2 Run1 Rep3	r2
1	0.0009	
2	0.0007	
3	0.0020	
4	0.0005	
5	0.0000	
6	0.0003	
7	0.0001	
8	0.0010	
9	0.0000	
10	0.0001	
11	0.0000	
12	0.0000	
13	0.0000	
14	0.0009	
15	0.0001	
16	0.0000	
17	0.0031	
18	0.0054	0.960560
19	0.0126	0.987600
20	0.0209	0.994303
21	0.0378	0.997912
22	0.0648	0.999171
23	0.1081	0.999649
24	0.1610	0.999775
25	0.2269	0.999827
26	0.2788	0.999882
27	0.3240	0.999916
28	0.3515	0.999916
29	0.3644	0.999930
30	0.3767	0.999940
31	0.3817	0.999948
32	0.3837	0.999949
33	0.3874	0.999950
34	0.3888	0.999944
35	0.3908	0.999948
36	0.3877	0.999937
37	0.3926	0.999930
38	0.3926	0.999929
39	0.3919	0.999924
40	0.3933	0.999924
41	0.3921	0.999926
42	0.3916	0.999926
43	0.3885	0.999927
44	0.3887	0.999927
45	0.3885	0.999950

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0279	19.216	0.831	0.0004	2.52E-12	233.19%
0.0293	19.286	0.843	0.0004	3.40E-12	227.43%
0.0961	21.573	1.258	0.0003	3.42E-09	121.47%
0.2083	23.150	1.431	0.0003	1.97E-08	101.10%
0.3968	24.542	1.562	0.0002	5.95E-08	89.70%
0.3483	24.234	1.526	0.0002	4.41E-08	92.58%
0.4162	24.718	1.609	0.0001	8.85E-08	86.18%
0.3834	24.467	1.551	0.0002	5.41E-08	90.55%
0.3901	24.526	1.570	0.0002	6.40E-08	89.08%
0.3896	24.522	1.568	0.0002	6.31E-08	89.20%
0.3858	24.483	1.549	0.0003	5.30E-08	90.67%
0.3866	24.492	1.554	0.0003	5.55E-08	90.28%
0.3869	24.495	1.556	0.0002	5.65E-08	90.13%
0.3868	24.494	1.555	0.0002	5.60E-08	90.20%
0.3873	24.500	1.560	0.0002	5.85E-08	89.84%
0.3878	24.505	1.564	0.0002	6.09E-08	89.52%
0.3885	24.512	1.570	0.0002	6.42E-08	89.09%
0.3883	24.511	1.569	0.0002	6.36E-08	89.17%
0.3890	24.517	1.574	0.0001	6.71E-08	88.73%
0.3894	24.522	1.579	0.0001	6.99E-08	88.40%
0.3897	24.525	1.581	0.0001	7.17E-08	88.21%
0.3901	24.529	1.585	0.0001	7.40E-08	87.94%
0.3903	24.531	1.587	0.0001	7.53E-08	87.81%
0.3904	24.533	1.588	0.0001	7.61E-08	87.73%
0.3902	24.531	1.586	0.0001	7.50E-08	87.84%
0.3901	24.530	1.585	0.0001	7.42E-08	87.93%
0.3900	24.528	1.584	0.0001	7.34E-08	88.01%
				5.30E-08	90.67%

Cycle	K3/K2 Run1 Rep4	r2
1	0.0017	
2	0.0018	
3	0.0004	
4	0.0015	
5	0.0017	
6	0.0003	
7	0.0000	
8	0.0003	
9	0.0000	
10	0.0012	
11	0.0000	
12	0.0000	
13	0.0005	
14	0.0004	
15	0.0002	
16	0.0004	
17	0.0024	
18	0.0057	
19	0.0074	0.900446
20	0.0188	0.966174
21	0.0296	0.987460
22	0.0515	0.994705
23	0.0862	0.997960
24	0.1283	0.999155
25	0.1815	0.999528
26	0.2254	0.999717
27	0.2598	0.999819
28	0.2832	0.999871
29	0.2935	0.999883
30	0.3001	0.999896
31	0.3070	0.999906
32	0.3079	0.999918
33	0.3132	0.999901
34	0.3154	0.999878
35	0.3147	0.999878
36	0.3146	0.999882
37	0.3163	0.999876
38	0.3150	0.999881
39	0.3141	0.999887
40	0.3156	0.999889
41	0.3156	0.999891
42	0.3153	0.999894
43	0.3154	0.999896
44	0.3141	0.999900
45	0.3150	0.999902
		0.999918

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0069	17.537	0.438	0.0006	2.84E-20	880.67%
0.2865	23.165	1.167	0.0006	6.86E-10	135.60%
0.0471	20.524	0.993	0.0007	4.96E-11	173.79%
0.1371	22.723	1.359	0.0006	7.53E-09	108.69%
0.3057	24.456	1.540	0.0005	3.88E-08	91.42%
0.2726	24.187	1.508	0.0005	2.96E-08	94.07%
0.3336	24.733	1.602	0.0004	6.58E-08	86.68%
0.3149	24.558	1.563	0.0005	4.70E-08	89.65%
0.3126	24.533	1.555	0.0005	4.38E-08	90.26%
0.3132	24.541	1.558	0.0005	4.50E-08	90.03%
0.3102	24.504	1.540	0.0005	3.80E-08	91.46%
0.3089	24.486	1.530	0.0006	3.45E-08	92.27%
0.3097	24.497	1.537	0.0005	3.70E-08	91.69%
0.3097	24.497	1.537	0.0006	3.70E-08	91.70%
0.3109	24.513	1.548	0.0005	4.14E-08	90.76%
0.3120	24.527	1.560	0.0005	4.63E-08	89.85%
0.3125	24.534	1.566	0.0004	4.89E-08	89.40%
0.3128	24.539	1.569	0.0004	5.06E-08	89.12%
0.3133	24.545	1.575	0.0004	5.33E-08	88.70%
0.3135	24.547	1.577	0.0004	5.44E-08	88.54%
0.3135	24.548	1.577	0.0004	5.46E-08	88.51%
0.3137	24.550	1.579	0.0004	5.57E-08	88.35%
0.3138	24.552	1.581	0.0004	5.67E-08	88.21%
0.3139	24.554	1.583	0.0003	5.73E-08	88.12%
0.3140	24.555	1.584	0.0003	5.79E-08	88.04%
0.3140	24.555	1.583	0.0003	5.78E-08	88.06%
0.3140	24.555	1.584	0.0003	5.81E-08	88.01%
				3.45E-08	92.27%

Amplicon: CHAP3a K3/K2

No: 4.17E+02

K3/K2
Run1-5 Av.

Cycle	Av. Fc
1	0.0004
2	0.0003
3	0.0004
4	0.0003
5	0.0004
6	0.0003
7	0.0002
8	0.0001
9	0.0002
10	0.0002
11	0.0003
12	0.0002
13	0.0001
14	0.0001
15	0.0001
16	0.0003
17	0.0001
18	0.0004
19	0.0010
20	0.0026
21	0.0044
22	0.0089
23	0.0162
24	0.0287
25	0.0508
26	0.0840
27	0.1331
28	0.1941
29	0.2544
30	0.3053
31	0.3393
32	0.3601
33	0.3725
34	0.3791
35	0.3841
36	0.3872
37	0.3903
38	0.3917
39	0.3931
40	0.3937
41	0.3944
42	0.3941
43	0.3943
44	0.3940
45	0.3940

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
24.15%	0.994573	0.0249	22.711	1.115	0.0002	3.56E-11
23.54%	0.998370	0.0483	23.872	1.235	0.0002	1.93E-10
22.06%	0.999393	0.0993	25.246	1.370	0.0002	9.80E-10
23.38%	0.999693	0.2689	27.225	1.522	0.0002	4.59E-09
23.51%	0.999892	0.2926	27.401	1.535	0.0002	5.20E-09
23.37%	0.999930	0.3984	28.113	1.608	0.0001	1.01E-08
23.48%	0.999968	0.4186	28.240	1.624	0.0001	1.18E-08
23.76%	0.999977	0.4006	28.112	1.600	0.0001	9.37E-09
24.01%	0.999985	0.3966	28.079	1.591	0.0002	8.61E-09
23.80%	0.999983	0.3913	28.032	1.575	0.0002	7.26E-09
24.08%	0.999982	0.3888	28.006	1.564	0.0002	6.46E-09
24.03%	0.999984	0.3878	27.997	1.559	0.0003	6.13E-09
24.45%	0.999986	0.3873	27.992	1.555	0.0003	5.93E-09
24.25%	0.999987	0.3876	27.995	1.558	0.0003	6.06E-09
24.33%	0.999986	0.3881	28.000	1.561	0.0002	6.33E-09
24.12%	0.999979	0.3889	28.009	1.568	0.0002	6.79E-09
24.16%	0.999972	0.3896	28.016	1.574	0.0002	7.24E-09
24.25%	0.999963	0.3903	28.024	1.580	0.0002	7.72E-09
23.97%	0.999956	0.3908	28.030	1.585	0.0001	8.15E-09
23.88%	0.999949	0.3913	28.035	1.590	0.0001	8.56E-09
24.00%	0.999946	0.3916	28.039	1.593	0.0001	8.86E-09
23.88%	0.999944	0.3919	28.042	1.595	0.0001	9.12E-09
23.90%	0.999944	0.3921	28.044	1.597	0.0001	9.31E-09
23.89%	0.999944	0.3923	28.046	1.599	0.0001	9.48E-09
	0.999987					5.93E-09

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0000	0.0028	0.0021	0.0021	0.0000	0.0000	0.0000	0.0000
2	0.0000	0.0015	0.0035	0.0013	0.0000	0.0000	0.0000	0.0000
3	0.0000	0.0025	0.0025	0.0028	0.0000	0.0000	0.0000	0.0000
4	0.0000	0.0017	0.0026	0.0009	0.0000	0.0000	0.0000	0.0001
5	0.0000	0.0033	0.0026	0.0017	0.0002	0.0000	0.0000	0.0000
6	0.0000	0.0019	0.0019	0.0012	0.0000	0.0000	0.0000	0.0000
7	0.0011	0.0014	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0007	0.0004	0.0016	0.0000	0.0000	0.0000	0.0002
9	0.0000	0.0017	0.0013	0.0007	0.0000	0.0000	0.0000	0.0000
10	0.0000	0.0021	0.0000	0.0011	0.0000	0.0002	0.0000	0.0000
11	0.0003	0.0004	0.0004	0.0006	0.0000	0.0000	0.0007	0.0021
12	0.0002	0.0029	0.0009	0.0003	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0006	0.0005	0.0000	0.0000	0.0000	0.0000
14	0.0011	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0005	0.0000	0.0006	0.0000	0.0000	0.0002
16	0.0005	0.0009	0.0007	0.0012	0.0000	0.0000	0.0016	0.0000
17	0.0006	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0003
18	0.0000	0.0004	0.0003	0.0000	0.0000	0.0003	0.0014	0.0000
19	0.0013	0.0014	0.0011	0.0011	0.0010	0.0032	0.0006	0.0016
20	0.0038	0.0041	0.0038	0.0049	0.0021	0.0012	0.0036	0.0044
21	0.0065	0.0064	0.0063	0.0053	0.0036	0.0031	0.0050	0.0068
22	0.0083	0.0116	0.0126	0.0123	0.0082	0.0079	0.0112	0.0115
23	0.0198	0.0190	0.0235	0.0245	0.0163	0.0159	0.0170	0.0193
24	0.0307	0.0347	0.0432	0.0403	0.0286	0.0288	0.0321	0.0358
25	0.0555	0.0593	0.0785	0.0707	0.0515	0.0506	0.0570	0.0629
26	0.0941	0.0987	0.1270	0.1197	0.0802	0.0843	0.0947	0.1004
27	0.1500	0.1574	0.2025	0.1900	0.1277	0.1335	0.1475	0.1530
28	0.2255	0.2301	0.2928	0.2790	0.1850	0.1901	0.2122	0.2182
29	0.3083	0.3010	0.3842	0.3701	0.2429	0.2472	0.2712	0.2811
30	0.3819	0.3650	0.4619	0.4398	0.2913	0.2927	0.3218	0.3326
31	0.4278	0.4071	0.5078	0.4901	0.3215	0.3242	0.3535	0.3650
32	0.4657	0.4331	0.5392	0.5182	0.3419	0.3417	0.3757	0.3826
33	0.4854	0.4467	0.5556	0.5363	0.3507	0.3514	0.3897	0.3909
34	0.4894	0.4555	0.5705	0.5501	0.3579	0.3574	0.3925	0.4039
35	0.4991	0.4634	0.5733	0.5586	0.3627	0.3633	0.3954	0.4027
36	0.5042	0.4687	0.5797	0.5587	0.3679	0.3640	0.4012	0.4084
37	0.5070	0.4652	0.5820	0.5616	0.3709	0.3712	0.4025	0.4127
38	0.5103	0.4709	0.5845	0.5656	0.3704	0.3670	0.4037	0.4132
39	0.5109	0.4734	0.5845	0.5709	0.3716	0.3729	0.4089	0.4117
40	0.5115	0.4721	0.5815	0.5685	0.3718	0.3739	0.4110	0.4136
41	0.5099	0.4691	0.5838	0.5705	0.3748	0.3743	0.4065	0.4174
42	0.5101	0.4752	0.5865	0.5674	0.3704	0.3759	0.4046	0.4101
43	0.5106	0.4717	0.5847	0.5672	0.3759	0.3750	0.4097	0.4147
44	0.5115	0.4705	0.5827	0.5662	0.3765	0.3728	0.4087	0.4151
45	0.5137	0.4721	0.5801	0.5668	0.3743	0.3744	0.4106	0.4142

	Cycle	K3/K2 Run1 Av. Av. Fc						
	1	0.0018						
	2	0.0016						
	3	0.0020						
	4	0.0013						
	5	0.0019						
	6	0.0013						
	7	0.0010						
	8	0.0007						
	9	0.0009						
	10	0.0008						
	11	0.0004						
	12	0.0011						
	13	0.0003						
	14	0.0005						
	15	0.0001						
	16	0.0008						
	17	0.0002						
	18	0.0002						
	19	0.0012						
	20	0.0042						
Eo	21	0.0061	CV	r2	Fmax	$C_{1/2}$	k	Fb
145.15%	22	0.0112	17.66%	0.939396	0.0142	21.305	0.770	0.0009
124.79%	23	0.0217	12.47%	0.982446	0.0679	23.958	1.164	0.0009
107.55%	24	0.0372	15.05%	0.994555	0.0860	24.380	1.209	0.0009
92.89%	25	0.0660	15.97%	0.997921	0.2654	26.627	1.445	0.0008
91.80%	26	0.1099	14.52%	0.999268	0.3732	27.333	1.505	0.0008
86.28%	27	0.1750	14.44%	0.999691	0.5184	28.079	1.581	0.0008
85.10%	28	0.2569	13.26%	0.999864	0.5569	28.259	1.604	0.0007
86.83%	29	0.3409	12.42%	0.999931	0.5482	28.214	1.596	0.0008
87.47%	30	0.4122	11.19%	0.999958	0.5423	28.180	1.587	0.0008
88.72%	31	0.4582	10.55%	0.999952	0.5304	28.101	1.560	0.0009
89.57%	32	0.4891	9.91%	0.999963	0.5282	28.085	1.553	0.0009
89.95%	33	0.5060	9.76%	0.999969	0.5269	28.076	1.548	0.0009
90.20%	34	0.5164	10.31%	0.999975	0.5268	28.075	1.548	0.0009
90.04%	35	0.5236	9.81%	0.999976	0.5275	28.081	1.552	0.0009
89.73%	36	0.5278	9.60%	0.999976	0.5284	28.087	1.556	0.0009
89.23%	37	0.5290	10.02%	0.999977	0.5287	28.090	1.559	0.0009
88.77%	38	0.5328	9.74%	0.999971	0.5296	28.097	1.564	0.0008
88.32%	39	0.5349	9.72%	0.999962	0.5305	28.105	1.570	0.0008
87.94%	40	0.5334	9.55%	0.999962	0.5309	28.108	1.573	0.0008
87.60%	41	0.5333	10.04%	0.999963	0.5311	28.110	1.574	0.0008
87.36%	42	0.5348	9.59%	0.999962	0.5315	28.113	1.577	0.0007
87.16%	43	0.5336	9.74%	0.999963	0.5317	28.114	1.578	0.0007
87.01%	44	0.5327	9.66%	0.999965	0.5317	28.114	1.578	0.0007
86.89%	45	0.5332	9.34%	0.999966	0.5318	28.115	1.579	0.0007
90.20%				0.999977				

Run#3				Run#4				
Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0004	0.0000	0.0003
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0003	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000
0.0001	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0003	0.0001
0.0000	0.0001	0.0000	0.0007	0.0015	0.0011	0.0021	0.0000	0.0000
0.0008	0.0000	0.0004	0.0004	0.0009	0.0003	0.0002	0.0006	0.0008
0.0032	0.0019	0.0016	0.0025	0.0024	0.0017	0.0033	0.0019	0.0022
0.0052	0.0041	0.0034	0.0073	0.0027	0.0025	0.0049	0.0034	0.0040
0.0092	0.0063	0.0087	0.0114	0.0066	0.0062	0.0093	0.0075	0.0068
0.0163	0.0133	0.0180	0.0186	0.0123	0.0121	0.0149	0.0124	0.0120
0.0263	0.0231	0.0315	0.0328	0.0217	0.0220	0.0268	0.0244	0.0221
0.0476	0.0409	0.0582	0.0602	0.0369	0.0375	0.0469	0.0422	0.0366
0.0773	0.0689	0.0970	0.1039	0.0594	0.0610	0.0782	0.0692	0.0641
0.1220	0.1100	0.1556	0.1630	0.0945	0.0944	0.1245	0.1124	0.1011
0.1860	0.1665	0.2304	0.2380	0.1348	0.1394	0.1784	0.1613	0.1501
0.2474	0.2178	0.2987	0.3125	0.1798	0.1802	0.2341	0.2046	0.1969
0.3012	0.2690	0.3627	0.3750	0.2144	0.2154	0.2750	0.2430	0.2369
0.3342	0.3013	0.4056	0.4161	0.2398	0.2395	0.3059	0.2674	0.2700
0.3578	0.3198	0.4307	0.4407	0.2528	0.2513	0.3299	0.2848	0.2852
0.3753	0.3319	0.4468	0.4559	0.2642	0.2591	0.3339	0.2936	0.2965
0.3786	0.3384	0.4559	0.4685	0.2648	0.2656	0.3431	0.2943	0.3015
0.3869	0.3438	0.4579	0.4750	0.2730	0.2690	0.3447	0.3009	0.3063
0.3921	0.3499	0.4652	0.4760	0.2738	0.2713	0.3476	0.3022	0.3050
0.3955	0.3499	0.4688	0.4824	0.2747	0.2731	0.3529	0.3058	0.3090
0.3959	0.3543	0.4675	0.4852	0.2794	0.2737	0.3502	0.3054	0.3103
0.3953	0.3530	0.4703	0.4882	0.2812	0.2760	0.3525	0.3082	0.3100
0.3993	0.3557	0.4705	0.4865	0.2787	0.2753	0.3532	0.3069	0.3113
0.4011	0.3584	0.4718	0.4872	0.2809	0.2789	0.3526	0.3093	0.3130
0.4012	0.3564	0.4714	0.4886	0.2795	0.2760	0.3545	0.3095	0.3137
0.4028	0.3543	0.4688	0.4870	0.2807	0.2766	0.3549	0.3105	0.3124
0.3990	0.3557	0.4729	0.4877	0.2833	0.2741	0.3540	0.3079	0.3129
0.4016	0.3526	0.4721	0.4870	0.2777	0.2768	0.3537	0.3090	0.3116

Cycle	K3/K2 Run2 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0001
6	0.0000
7	0.0000
8	0.0001
9	0.0000
10	0.0001
11	0.0007
12	0.0000
13	0.0000
14	0.0000
15	0.0002
16	0.0004
17	0.0001
18	0.0004
19	0.0016
20	0.0028
21	0.0046
22	0.0097
23	0.0171
24	0.0313
25	0.0555
26	0.0899
27	0.1404
28	0.2014
29	0.2606
30	0.3096
31	0.3411
32	0.3605
33	0.3707
34	0.3779
35	0.3810
36	0.3854
37	0.3893
38	0.3886
39	0.3913
40	0.3926
41	0.3933
42	0.3903
43	0.3938
44	0.3933
45	0.3934

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
1.37E-14	266.41%	19.72%	0.991652	0.2683	26.799	1.454
7.80E-11	136.13%	8.87%	0.997373	0.0742	24.687	1.398
1.49E-10	128.73%	10.81%	0.999139	0.2813	27.206	1.541
2.64E-09	99.77%	10.25%	0.999729	0.4147	27.936	1.571
4.85E-09	94.32%	10.33%	0.999885	0.2718	27.064	1.510
1.00E-08	88.24%	8.41%	0.999906	0.3809	27.865	1.602
1.25E-08	86.51%	8.09%	0.999952	0.4099	28.058	1.630
1.15E-08	87.11%	7.09%	0.999972	0.3997	27.983	1.615
1.05E-08	87.78%	6.72%	0.999983	0.3968	27.959	1.608
7.97E-09	89.84%	6.32%	0.999976	0.3905	27.901	1.587
7.40E-09	90.38%	6.03%	0.999975	0.3877	27.873	1.575
7.01E-09	90.77%	6.12%	0.999972	0.3857	27.853	1.564
6.98E-09	90.81%	6.32%	0.999977	0.3855	27.850	1.563
7.28E-09	90.50%	5.52%	0.999979	0.3852	27.847	1.561
7.67E-09	90.14%	5.88%	0.999978	0.3858	27.854	1.566
7.86E-09	89.96%	5.52%	0.999961	0.3869	27.866	1.575
8.37E-09	89.52%	6.00%	0.999961	0.3874	27.871	1.579
8.93E-09	89.06%	5.62%	0.999949	0.3881	27.879	1.586
9.18E-09	88.87%	5.81%	0.999936	0.3888	27.887	1.592
9.35E-09	88.74%	5.61%	0.999924	0.3894	27.894	1.598
9.61E-09	88.55%	5.12%	0.999928	0.3896	27.895	1.599
9.72E-09	88.47%	5.41%	0.999918	0.3900	27.900	1.604
9.74E-09	88.45%	5.52%	0.999915	0.3904	27.904	1.607
9.80E-09	88.41%	5.60%	0.999912	0.3906	27.907	1.610
6.98E-09	90.81%		0.999979			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0000
0.0005	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0011	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0002	0.0000	0.0000
0.0000	0.0011	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0007	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0023	0.0006	0.0013
0.0016	0.0012	0.0011
0.0023	0.0028	0.0033
0.0070	0.0073	0.0074
0.0108	0.0144	0.0135
0.0208	0.0248	0.0244
0.0354	0.0458	0.0426
0.0582	0.0725	0.0716
0.0931	0.1166	0.1137
0.1336	0.1680	0.1621
0.1763	0.2216	0.2126
0.2137	0.2631	0.2491
0.2376	0.2917	0.2792
0.2502	0.3077	0.2933
0.2618	0.3217	0.3018
0.2631	0.3241	0.3071
0.2674	0.3281	0.3104
0.2700	0.3271	0.3119
0.2717	0.3344	0.3138
0.2757	0.3351	0.3152
0.2717	0.3348	0.3161
0.2755	0.3387	0.3186
0.2761	0.3365	0.3162
0.2760	0.3360	0.3192
0.2755	0.3368	0.3162
0.2737	0.3366	0.3189
0.2779	0.3360	0.3183

Cycle	K3/K2 Run3 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0000
12	0.0000
13	0.0000
14	0.0000
15	0.0002
16	0.0000
17	0.0000
18	0.0002
19	0.0004
20	0.0023
21	0.0050
22	0.0089
23	0.0166
24	0.0284
25	0.0517
26	0.0868
27	0.1377
28	0.2052
29	0.2691
30	0.3270
31	0.3643
32	0.3873
33	0.4025
34	0.4104
35	0.4159
36	0.4208
37	0.4242
38	0.4257
39	0.4267
40	0.4280
41	0.4296
42	0.4294
43	0.4282
44	0.4288
45	0.4283

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0001	2.65E-09	98.95%	23.52%	0.998016	0.0127	21.329
0.0001	1.60E-09	104.45%	14.35%	0.997845	0.0432	23.583
0.0000	6.09E-09	91.31%	15.92%	0.999162	0.0788	24.774
0.0000	7.89E-09	88.95%	17.58%	0.999365	0.6173	28.891
0.0001	4.46E-09	93.93%	18.90%	0.999776	0.3971	28.020
0.0000	1.07E-08	86.65%	18.64%	0.999915	0.4182	28.136
0.0000	1.37E-08	84.70%	16.83%	0.999950	0.4852	28.511
0.0000	1.19E-08	85.75%	16.43%	0.999932	0.4266	28.145
0.0000	1.12E-08	86.22%	15.40%	0.999960	0.4298	28.169
0.0001	9.07E-09	87.76%	15.25%	0.999962	0.4227	28.110
0.0001	7.98E-09	88.70%	15.03%	0.999964	0.4192	28.079
0.0001	7.13E-09	89.52%	14.73%	0.999972	0.4193	28.079
0.0001	7.00E-09	89.65%	15.18%	0.999977	0.4193	28.079
0.0002	6.86E-09	89.79%	14.75%	0.999979	0.4198	28.085
0.0001	7.25E-09	89.40%	14.30%	0.999971	0.4210	28.096
0.0001	8.01E-09	88.69%	14.74%	0.999958	0.4222	28.108
0.0001	8.36E-09	88.39%	14.40%	0.999947	0.4231	28.118
0.0000	8.97E-09	87.89%	14.88%	0.999940	0.4239	28.126
0.0000	9.62E-09	87.40%	14.33%	0.999930	0.4246	28.133
0.0000	1.02E-08	86.97%	14.08%	0.999917	0.4253	28.141
0.0000	1.03E-08	86.89%	14.35%	0.999910	0.4259	28.146
0.0000	1.08E-08	86.56%	14.28%	0.999910	0.4262	28.149
-0.0001	1.12E-08	86.32%	14.53%	0.999910	0.4265	28.152
-0.0001	1.15E-08	86.12%	14.65%	0.999911	0.4267	28.154
	6.86E-09	89.79%		0.999979		

Cycle	K3/K2 Run4 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0001
4	0.0001
5	0.0000
6	0.0002
7	0.0000
8	0.0000
9	0.0003
10	0.0002
11	0.0001
12	0.0001
13	0.0002
14	0.0000
15	0.0000
16	0.0001
17	0.0002
18	0.0012
19	0.0005
20	0.0023
21	0.0034
22	0.0074
23	0.0129
24	0.0237
25	0.0409
26	0.0670
27	0.1065
28	0.1535
29	0.1997
30	0.2370
31	0.2632
32	0.2797
33	0.2877
34	0.2920
35	0.2969
36	0.2987
37	0.3016
38	0.3022
39	0.3045
40	0.3035
41	0.3054
42	0.3049
43	0.3057
44	0.3048
45	0.3043

k	Fb	Fo	Eo	CV	r2	Fmax
0.807	0.0000	4.22E-14	245.34%	18.63%	0.981879	0.1710
1.212	0.0000	1.54E-10	128.13%	10.23%	0.994267	0.0499
1.353	0.0000	8.76E-10	109.44%	10.03%	0.998197	0.1926
1.626	-0.0001	1.19E-08	84.95%	11.41%	0.999417	0.1866
1.587	-0.0001	8.54E-09	87.78%	12.91%	0.999787	0.2240
1.597	-0.0001	9.36E-09	87.02%	13.82%	0.999863	0.3475
1.644	-0.0001	1.42E-08	83.75%	13.19%	0.999937	0.3266
1.578	0.0000	7.65E-09	88.46%	12.88%	0.999958	0.3099
1.584	0.0000	8.16E-09	87.99%	12.08%	0.999968	0.3031
1.564	0.0000	6.61E-09	89.53%	11.92%	0.999976	0.3014
1.550	0.0001	5.72E-09	90.59%	13.18%	0.999982	0.3011
1.551	0.0001	5.72E-09	90.59%	11.94%	0.999981	0.2998
1.551	0.0001	5.73E-09	90.58%	12.59%	0.999978	0.2988
1.554	0.0000	5.96E-09	90.29%	11.75%	0.999979	0.2992
1.562	0.0000	6.52E-09	89.66%	11.87%	0.999980	0.2995
1.571	0.0000	7.20E-09	88.96%	12.38%	0.999969	0.3003
1.579	-0.0001	7.82E-09	88.37%	11.54%	0.999964	0.3008
1.585	-0.0001	8.37E-09	87.90%	11.49%	0.999946	0.3015
1.592	-0.0002	8.94E-09	87.44%	11.87%	0.999943	0.3018
1.598	-0.0002	9.58E-09	86.96%	11.26%	0.999929	0.3023
1.603	-0.0002	1.01E-08	86.61%	11.92%	0.999925	0.3026
1.606	-0.0002	1.04E-08	86.42%	11.82%	0.999918	0.3030
1.608	-0.0002	1.07E-08	86.23%	11.73%	0.999917	0.3031
1.610	-0.0002	1.09E-08	86.10%	11.89%	0.999919	0.3033
		5.72E-09	90.59%		0.999981	

Cycle	K3/K2 Run5 Av. Av. Fc
1	0.0000
2	0.0001
3	0.0000
4	0.0000
5	0.0000
6	0.0001
7	0.0003
8	0.0000
9	0.0000
10	0.0001
11	0.0003
12	0.0000
13	0.0000
14	0.0000
15	0.0000
16	0.0002
17	0.0000
18	0.0000
19	0.0013
20	0.0015
21	0.0031
22	0.0071
23	0.0127
24	0.0230
25	0.0401
26	0.0666
27	0.1061
28	0.1535
29	0.2019
30	0.2407
31	0.2696
32	0.2841
33	0.2955
34	0.2990
35	0.3031
36	0.3035
37	0.3072
38	0.3091
39	0.3082
40	0.3110
41	0.3105
42	0.3112
43	0.3102
44	0.3105
45	0.3110

$C_{1/2}$	k	Fb	Fo	Eo	CV	r2
26.401	1.411	0.0001	1.28E-09	103.16%	3.86%	0.988989
24.438	1.362	0.0001	8.07E-10	108.36%	12.58%	0.996505
26.998	1.523	0.0001	3.85E-09	92.84%	8.26%	0.998717
26.934	1.520	0.0001	3.74E-09	93.11%	12.31%	0.999527
27.326	1.553	0.0001	5.09E-09	90.42%	10.13%	0.999809
28.356	1.655	0.0000	1.26E-08	82.96%	10.35%	0.999889
28.197	1.635	0.0000	1.06E-08	84.32%	9.90%	0.999950
28.042	1.605	0.0001	8.04E-09	86.43%	9.84%	0.999974
27.969	1.585	0.0001	6.61E-09	87.90%	8.70%	0.999978
27.949	1.578	0.0001	6.14E-09	88.45%	8.58%	0.999985
27.944	1.576	0.0001	6.02E-09	88.59%	8.60%	0.999969
27.927	1.567	0.0001	5.46E-09	89.29%	8.43%	0.999976
27.914	1.559	0.0002	5.01E-09	89.91%	8.62%	0.999973
27.920	1.563	0.0001	5.24E-09	89.59%	8.44%	0.999977
27.925	1.567	0.0001	5.43E-09	89.34%	7.96%	0.999978
27.935	1.574	0.0001	5.91E-09	88.74%	8.50%	0.999973
27.942	1.580	0.0001	6.26E-09	88.32%	7.99%	0.999963
27.952	1.588	0.0000	6.84E-09	87.71%	8.60%	0.999964
27.957	1.592	0.0000	7.14E-09	87.41%	8.48%	0.999948
27.964	1.598	0.0000	7.62E-09	86.95%	8.10%	0.999943
27.968	1.602	0.0000	7.94E-09	86.66%	8.14%	0.999936
27.973	1.607	0.0000	8.30E-09	86.35%	8.22%	0.999936
27.976	1.609	0.0000	8.51E-09	86.18%	8.54%	0.999936
27.978	1.610	0.0000	8.64E-09	86.08%	7.82%	0.999934
			5.01E-09	89.91%		0.999978

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1877	26.066	1.252	0.0000	1.72E-10	122.20%
0.0305	23.396	1.139	0.0001	3.67E-11	140.61%
0.0824	25.288	1.355	0.0000	6.45E-10	109.20%
0.1580	26.584	1.467	0.0000	2.13E-09	97.73%
0.2313	27.394	1.538	0.0000	4.26E-09	91.59%
0.3341	28.242	1.622	0.0000	9.16E-09	85.25%
0.3208	28.138	1.608	0.0000	8.11E-09	86.21%
0.3180	28.113	1.604	0.0000	7.75E-09	86.56%
0.3109	28.039	1.584	0.0000	6.37E-09	88.03%
0.3113	28.044	1.586	0.0000	6.49E-09	87.89%
0.3074	27.995	1.564	0.0001	5.19E-09	89.52%
0.3074	27.995	1.565	0.0000	5.21E-09	89.49%
0.3063	27.981	1.556	0.0001	4.74E-09	90.17%
0.3063	27.981	1.556	0.0001	4.73E-09	90.18%
0.3060	27.976	1.552	0.0001	4.56E-09	90.45%
0.3065	27.983	1.558	0.0001	4.84E-09	90.02%
0.3071	27.992	1.565	0.0000	5.22E-09	89.49%
0.3073	27.995	1.567	0.0000	5.36E-09	89.29%
0.3079	28.003	1.574	0.0000	5.77E-09	88.77%
0.3083	28.008	1.578	0.0000	6.04E-09	88.46%
0.3086	28.013	1.582	0.0000	6.33E-09	88.13%
0.3088	28.015	1.585	0.0000	6.48E-09	87.97%
0.3090	28.018	1.587	0.0000	6.62E-09	87.81%
0.3092	28.020	1.589	0.0000	6.78E-09	87.64%
				4.56E-09	90.45%

Cycle	K3/K2 Run1 Rep1	r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0000	
5	0.0000	
6	0.0000	
7	0.0011	
8	0.0000	
9	0.0000	
10	0.0000	
11	0.0003	
12	0.0002	
13	0.0000	
14	0.0011	
15	0.0000	
16	0.0005	
17	0.0006	
18	0.0000	
19	0.0013	
20	0.0038	
21	0.0065	
22	0.0083	0.975723
23	0.0198	0.980095
24	0.0307	0.991657
25	0.0555	0.996846
26	0.0941	0.998936
27	0.1500	0.999593
28	0.2255	0.999828
29	0.3083	0.999915
30	0.3819	0.999944
31	0.4278	0.999884
32	0.4657	0.999916
33	0.4854	0.999935
34	0.4894	0.999911
35	0.4991	0.999924
36	0.5042	0.999932
37	0.5070	0.999937
38	0.5103	0.999934
39	0.5109	0.999933
40	0.5115	0.999934
41	0.5099	0.999938
42	0.5101	0.999941
43	0.5106	0.999943
44	0.5115	0.999944
45	0.5137	0.999941
		0.999944

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0086	20.270	0.665	0.0002	4.89E-16	350.29%
0.9691	28.808	1.486	0.0002	3.70E-09	95.98%
0.0803	24.659	1.380	0.0002	1.39E-09	106.42%
0.7043	29.152	1.685	0.0001	2.15E-08	81.05%
0.7442	29.271	1.691	0.0001	2.27E-08	80.62%
0.5314	28.536	1.645	0.0001	1.55E-08	83.69%
0.5741	28.728	1.666	0.0001	1.86E-08	82.26%
0.5556	28.636	1.651	0.0001	1.63E-08	83.23%
0.5366	28.526	1.626	0.0002	1.29E-08	84.97%
0.5089	28.342	1.567	0.0004	7.13E-09	89.28%
0.5107	28.355	1.573	0.0004	7.55E-09	88.86%
0.5104	28.352	1.572	0.0004	7.46E-09	88.95%
0.5058	28.316	1.550	0.0005	5.92E-09	90.60%
0.5056	28.314	1.549	0.0005	5.85E-09	90.68%
0.5061	28.319	1.553	0.0005	6.07E-09	90.42%
0.5068	28.324	1.556	0.0004	6.33E-09	90.12%
0.5077	28.331	1.562	0.0004	6.77E-09	89.65%
0.5083	28.337	1.567	0.0004	7.10E-09	89.32%
0.5088	28.341	1.570	0.0003	7.39E-09	89.05%
0.5089	28.342	1.571	0.0003	7.46E-09	88.98%
0.5091	28.343	1.572	0.0003	7.53E-09	88.91%
0.5092	28.344	1.573	0.0003	7.61E-09	88.84%
0.5094	28.346	1.575	0.0003	7.74E-09	88.72%
0.5098	28.349	1.577	0.0003	7.97E-09	88.52%
				5.85E-09	90.68%

Cycle	K3/K2 Run1 Rep2	r2
1	0.0028	
2	0.0015	
3	0.0025	
4	0.0017	
5	0.0033	
6	0.0019	
7	0.0014	
8	0.0007	
9	0.0017	
10	0.0021	
11	0.0004	
12	0.0029	
13	0.0000	
14	0.0007	
15	0.0000	
16	0.0009	
17	0.0000	
18	0.0004	
19	0.0014	
20	0.0041	
21	0.0064	
22	0.0116	0.854526
23	0.0190	0.948633
24	0.0347	0.982614
25	0.0593	0.994330
26	0.0987	0.997978
27	0.1574	0.999203
28	0.2301	0.999658
29	0.3010	0.999813
30	0.3650	0.999885
31	0.4071	0.999919
32	0.4331	0.999936
33	0.4467	0.999942
34	0.4555	0.999950
35	0.4634	0.999953
36	0.4687	0.999946
37	0.4652	0.999949
38	0.4709	0.999946
39	0.4734	0.999935
40	0.4721	0.999936
41	0.4691	0.999939
42	0.4752	0.999928
43	0.4717	0.999931
44	0.4705	0.999935
45	0.4721	0.999936
		0.999953

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0146	21.396	0.727	0.0014	2.46E-15	295.35%
0.0267	22.399	0.927	0.0014	8.52E-13	194.18%
0.1119	25.134	1.314	0.0013	5.51E-10	114.06%
0.1967	26.234	1.411	0.0013	1.67E-09	103.09%
0.3368	27.365	1.516	0.0013	4.87E-09	93.41%
0.4878	28.206	1.598	0.0012	1.06E-08	86.94%
0.4960	28.248	1.604	0.0012	1.11E-08	86.56%
0.4659	28.069	1.570	0.0013	7.99E-09	89.09%
0.4756	28.136	1.587	0.0012	9.55E-09	87.75%
0.4709	28.101	1.575	0.0013	8.44E-09	88.66%
0.4680	28.077	1.565	0.0013	7.57E-09	89.45%
0.4654	28.055	1.554	0.0014	6.72E-09	90.32%
0.4647	28.049	1.550	0.0014	6.44E-09	90.62%
0.4657	28.058	1.556	0.0014	6.88E-09	90.15%
0.4671	28.071	1.565	0.0013	7.60E-09	89.44%
0.4667	28.067	1.562	0.0013	7.36E-09	89.67%
0.4675	28.074	1.568	0.0013	7.82E-09	89.23%
0.4684	28.082	1.575	0.0013	8.43E-09	88.71%
0.4688	28.086	1.578	0.0012	8.73E-09	88.47%
0.4687	28.085	1.577	0.0012	8.64E-09	88.53%
0.4694	28.091	1.582	0.0012	9.13E-09	88.15%
0.4695	28.092	1.583	0.0012	9.23E-09	88.07%
0.4695	28.092	1.583	0.0012	9.22E-09	88.08%
0.4696	28.093	1.584	0.0012	9.32E-09	88.00%
				6.44E-09	90.62%

Cycle	K3/K2 Run1 Rep3	r2
1	0.0021	
2	0.0035	
3	0.0025	
4	0.0026	
5	0.0000	
6	0.0019	
7	0.0000	
8	0.0004	
9	0.0013	
10	0.0000	
11	0.0004	
12	0.0009	
13	0.0006	
14	0.0000	
15	0.0005	
16	0.0007	
17	0.0000	
18	0.0003	
19	0.0011	
20	0.0038	
21	0.0063	
22	0.0126	0.877057
23	0.0235	0.964964
24	0.0432	0.989623
25	0.0785	0.996772
26	0.1270	0.998865
27	0.2025	0.999365
28	0.2928	0.999713
29	0.3842	0.999852
30	0.4619	0.999911
31	0.5078	0.999907
32	0.5392	0.999927
33	0.5556	0.999939
34	0.5705	0.999942
35	0.5733	0.999950
36	0.5797	0.999951
37	0.5820	0.999952
38	0.5845	0.999950
39	0.5845	0.999950
40	0.5815	0.999954
41	0.5838	0.999956
42	0.5865	0.999953
43	0.5847	0.999955
44	0.5827	0.999957
45	0.5801	0.999956
		0.999957

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0196	21.716	0.788	0.0010	2.14E-14	255.52%
0.0469	23.083	0.998	0.0010	4.24E-12	172.35%
0.1210	24.756	1.209	0.0009	1.54E-10	128.75%
0.3234	26.590	1.377	0.0009	1.33E-09	106.74%
0.3008	26.444	1.362	0.0009	1.11E-09	108.38%
0.5299	27.752	1.534	0.0008	7.39E-09	91.89%
0.5826	27.994	1.569	0.0007	1.04E-08	89.14%
0.5922	28.041	1.579	0.0007	1.14E-08	88.42%
0.5976	28.070	1.586	0.0007	1.24E-08	87.82%
0.5819	27.976	1.553	0.0008	8.75E-09	90.39%
0.5787	27.955	1.544	0.0008	7.93E-09	91.11%
0.5768	27.942	1.537	0.0009	7.33E-09	91.69%
0.5788	27.956	1.545	0.0008	8.05E-09	91.00%
0.5787	27.955	1.545	0.0008	8.01E-09	91.04%
0.5797	27.963	1.550	0.0008	8.50E-09	90.61%
0.5805	27.968	1.555	0.0008	8.93E-09	90.26%
0.5814	27.975	1.560	0.0007	9.44E-09	89.87%
0.5819	27.978	1.563	0.0007	9.76E-09	89.63%
0.5818	27.978	1.562	0.0007	9.68E-09	89.69%
0.5820	27.979	1.563	0.0007	9.81E-09	89.59%
0.5824	27.982	1.566	0.0007	1.01E-08	89.37%
0.5826	27.984	1.567	0.0007	1.03E-08	89.28%
0.5825	27.983	1.567	0.0007	1.02E-08	89.31%
0.5823	27.981	1.565	0.0007	1.00E-08	89.44%
				7.33E-09	91.69%

Cycle	K3/K2 Run1 Rep4	r2
1	0.0021	
2	0.0013	
3	0.0028	
4	0.0009	
5	0.0017	
6	0.0012	
7	0.0013	
8	0.0016	
9	0.0007	
10	0.0011	
11	0.0006	
12	0.0003	
13	0.0005	
14	0.0000	
15	0.0000	
16	0.0012	
17	0.0000	
18	0.0000	
19	0.0011	
20	0.0049	
21	0.0053	
22	0.0123	0.897329
23	0.0245	0.975192
24	0.0403	0.991927
25	0.0707	0.996474
26	0.1197	0.998671
27	0.1900	0.999494
28	0.2790	0.999780
29	0.3701	0.999889
30	0.4398	0.999903
31	0.4901	0.999932
32	0.5182	0.999942
33	0.5363	0.999954
34	0.5501	0.999954
35	0.5586	0.999945
36	0.5587	0.999951
37	0.5616	0.999954
38	0.5656	0.999949
39	0.5709	0.999923
40	0.5685	0.999920
41	0.5705	0.999913
42	0.5674	0.999917
43	0.5672	0.999920
44	0.5662	0.999924
45	0.5668	0.999927
		0.999954

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0381	22.884	1.012	0.0010	5.81E-12	168.52%
0.0858	24.070	1.099	0.0010	2.65E-11	148.36%
0.0689	23.698	1.053	0.0010	1.16E-11	158.48%
0.2161	26.038	1.393	0.0009	1.65E-09	105.00%
0.4753	27.699	1.544	0.0008	7.72E-09	91.08%
0.5670	28.094	1.581	0.0008	1.09E-08	88.23%
0.6035	28.251	1.601	0.0008	1.31E-08	86.73%
0.5934	28.203	1.592	0.0008	1.21E-08	87.38%
0.5649	28.045	1.551	0.0009	7.89E-09	90.59%
0.5605	28.017	1.541	0.0009	7.08E-09	91.39%
0.5562	27.989	1.528	0.0010	6.15E-09	92.43%
0.5557	27.985	1.526	0.0010	6.01E-09	92.59%
0.5578	28.000	1.535	0.0009	6.68E-09	91.83%
0.5601	28.017	1.546	0.0009	7.57E-09	90.93%
0.5604	28.019	1.548	0.0009	7.71E-09	90.80%
0.5609	28.023	1.551	0.0008	7.97E-09	90.56%
0.5619	28.031	1.557	0.0008	8.53E-09	90.08%
0.5635	28.043	1.567	0.0007	9.49E-09	89.32%
0.5642	28.048	1.571	0.0007	9.98E-09	88.97%
0.5650	28.054	1.576	0.0007	1.06E-08	88.58%
0.5652	28.056	1.578	0.0007	1.07E-08	88.46%
0.5653	28.057	1.579	0.0007	1.08E-08	88.39%
0.5654	28.057	1.579	0.0007	1.09E-08	88.38%
0.5654	28.058	1.580	0.0006	1.09E-08	88.34%
				6.01E-09	92.59%

Amplicon: CHAP3a K3/K2

No: 4.17E+02

K3/K2
Run1-5 Av.

Cycle	Av. Fc
1	0.0006
2	0.0005
3	0.0007
4	0.0006
5	0.0006
6	0.0005
7	0.0005
8	0.0005
9	0.0003
10	0.0005
11	0.0003
12	0.0003
13	0.0003
14	0.0003
15	0.0001
16	0.0001
17	0.0001
18	0.0003
19	0.0001
20	0.0003
21	0.0004
22	0.0008
23	0.0017
24	0.0037
25	0.0059
26	0.0114
27	0.0207
28	0.0366
29	0.0628
30	0.1027
31	0.1578
32	0.2204
33	0.2780
34	0.3213
35	0.3494
36	0.3659
37	0.3764
38	0.3820
39	0.3864
40	0.3885
41	0.3912
42	0.3918
43	0.3930
44	0.3924
45	0.3932

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
25.94%	0.939713	0.0054	23.710	0.641	0.0004	4.72E-19
23.37%	0.980927	0.0071	24.109	0.733	0.0004	3.78E-17
22.83%	0.991842	0.0411	27.254	1.251	0.0003	1.43E-11
25.88%	0.997587	0.0839	28.537	1.351	0.0003	5.61E-11
22.87%	0.999215	0.1544	29.701	1.439	0.0003	1.68E-10
23.68%	0.999707	0.2696	30.827	1.524	0.0003	4.43E-10
23.84%	0.999882	0.3541	31.417	1.574	0.0003	7.55E-10
23.08%	0.999943	0.4152	31.797	1.615	0.0003	1.16E-09
22.61%	0.999973	0.4111	31.770	1.611	0.0003	1.11E-09
22.50%	0.999981	0.3995	31.683	1.592	0.0003	9.04E-10
21.87%	0.999981	0.3925	31.623	1.573	0.0003	7.33E-10
21.74%	0.999982	0.3891	31.591	1.561	0.0004	6.34E-10
21.75%	0.999983	0.3874	31.574	1.553	0.0004	5.75E-10
21.56%	0.999986	0.3874	31.574	1.553	0.0004	5.74E-10
21.46%	0.999988	0.3876	31.576	1.554	0.0004	5.81E-10
21.62%	0.999987	0.3882	31.582	1.559	0.0004	6.14E-10
21.45%	0.999986	0.3886	31.588	1.562	0.0004	6.44E-10
21.43%	0.999979	0.3894	31.596	1.569	0.0003	6.95E-10
21.19%	0.999975	0.3899	31.601	1.573	0.0003	7.34E-10
21.02%	0.999970	0.3904	31.607	1.578	0.0003	7.78E-10
21.30%	0.999969	0.3907	31.610	1.580	0.0003	8.02E-10
20.97%	0.999967	0.3910	31.613	1.583	0.0003	8.30E-10
	0.999988					5.74E-10

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0020	0.0025	0.0018	0.0034	0.0000	0.0000	0.0004	0.0007
2	0.0024	0.0010	0.0036	0.0030	0.0000	0.0000	0.0000	0.0000
3	0.0029	0.0028	0.0028	0.0018	0.0000	0.0004	0.0000	0.0000
4	0.0012	0.0020	0.0042	0.0031	0.0000	0.0003	0.0002	0.0000
5	0.0027	0.0019	0.0033	0.0011	0.0000	0.0000	0.0012	0.0003
6	0.0025	0.0008	0.0031	0.0012	0.0000	0.0000	0.0008	0.0010
7	0.0029	0.0019	0.0031	0.0019	0.0000	0.0000	0.0000	0.0000
8	0.0010	0.0016	0.0012	0.0023	0.0000	0.0009	0.0008	0.0000
9	0.0005	0.0011	0.0005	0.0012	0.0000	0.0000	0.0000	0.0000
10	0.0008	0.0019	0.0044	0.0003	0.0000	0.0000	0.0008	0.0000
11	0.0019	0.0012	0.0000	0.0001	0.0000	0.0000	0.0010	0.0015
12	0.0014	0.0005	0.0000	0.0009	0.0000	0.0000	0.0011	0.0011
13	0.0011	0.0000	0.0020	0.0010	0.0000	0.0000	0.0006	0.0002
14	0.0007	0.0003	0.0000	0.0000	0.0002	0.0004	0.0018	0.0000
15	0.0000	0.0003	0.0001	0.0000	0.0000	0.0001	0.0000	0.0004
16	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0003	0.0000
17	0.0002	0.0006	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000	0.0000	0.0001	0.0011	0.0010	0.0000
19	0.0009	0.0000	0.0005	0.0002	0.0000	0.0000	0.0000	0.0000
20	0.0015	0.0000	0.0014	0.0000	0.0000	0.0003	0.0007	0.0002
21	0.0015	0.0000	0.0000	0.0004	0.0005	0.0000	0.0013	0.0009
22	0.0023	0.0016	0.0011	0.0010	0.0015	0.0015	0.0008	0.0023
23	0.0038	0.0023	0.0014	0.0030	0.0026	0.0010	0.0024	0.0033
24	0.0048	0.0044	0.0045	0.0044	0.0035	0.0041	0.0049	0.0042
25	0.0064	0.0096	0.0081	0.0065	0.0064	0.0055	0.0055	0.0059
26	0.0139	0.0161	0.0146	0.0147	0.0106	0.0121	0.0122	0.0104
27	0.0251	0.0332	0.0303	0.0242	0.0226	0.0211	0.0229	0.0209
28	0.0455	0.0533	0.0506	0.0445	0.0380	0.0369	0.0369	0.0339
29	0.0763	0.0972	0.0866	0.0774	0.0645	0.0610	0.0625	0.0577
30	0.1233	0.1600	0.1416	0.1258	0.1024	0.1024	0.1031	0.0978
31	0.1910	0.2414	0.2156	0.1961	0.1568	0.1545	0.1583	0.1528
32	0.2616	0.3318	0.3022	0.2750	0.2190	0.2197	0.2200	0.2148
33	0.3296	0.4132	0.3815	0.3513	0.2682	0.2782	0.2795	0.2687
34	0.3760	0.4710	0.4399	0.4137	0.3088	0.3130	0.3184	0.3182
35	0.4023	0.5086	0.4823	0.4472	0.3333	0.3412	0.3505	0.3434
36	0.4207	0.5302	0.5047	0.4716	0.3462	0.3614	0.3653	0.3645
37	0.4282	0.5384	0.5187	0.4845	0.3593	0.3685	0.3752	0.3722
38	0.4346	0.5519	0.5252	0.4899	0.3606	0.3741	0.3821	0.3757
39	0.4444	0.5584	0.5324	0.4972	0.3665	0.3809	0.3856	0.3838
40	0.4438	0.5582	0.5304	0.4999	0.3669	0.3814	0.3876	0.3848
41	0.4463	0.5647	0.5333	0.5040	0.3752	0.3846	0.3873	0.3903
42	0.4475	0.5581	0.5361	0.5061	0.3718	0.3816	0.3895	0.3869
43	0.4479	0.5559	0.5346	0.5010	0.3753	0.3901	0.3922	0.3914
44	0.4466	0.5613	0.5341	0.5070	0.3707	0.3861	0.3867	0.3891
45	0.4442	0.5576	0.5365	0.5009	0.3744	0.3864	0.3894	0.3915

Eo	Cycle	K3/K2 Run1 Av. Av. Fc	CV	r2	Fmax	$C_{1/2}$	k	Fb
	1	0.0024						
	2	0.0025						
	3	0.0026						
	4	0.0026						
	5	0.0023						
	6	0.0019						
	7	0.0025						
	8	0.0015						
	9	0.0008						
	10	0.0019						
	11	0.0008						
	12	0.0007						
	13	0.0010						
	14	0.0003						
	15	0.0001						
	16	0.0002						
	17	0.0002						
	18	0.0000						
	19	0.0004						
	20	0.0007						
	21	0.0005						
	22	0.0015						
	23	0.0026						
375.53%	24	0.0045						
291.00%	25	0.0077						
122.38%	26	0.0148						
109.65%	27	0.0282	15.19%	0.978166	0.0966	28.120	1.180	0.0012
100.35%	28	0.0485	8.63%	0.993251	0.1132	28.403	1.210	0.0012
92.73%	29	0.0844	11.52%	0.997550	0.2883	30.287	1.423	0.0012
88.80%	30	0.1377	12.31%	0.999099	0.4063	31.020	1.495	0.0011
85.77%	31	0.2110	10.83%	0.999614	0.5076	31.547	1.559	0.0011
86.06%	32	0.2927	10.62%	0.999819	0.5159	31.590	1.566	0.0011
87.44%	33	0.3689	9.87%	0.999901	0.5199	31.614	1.571	0.0011
88.81%	34	0.4252	9.47%	0.999935	0.5143	31.577	1.560	0.0011
89.75%	35	0.4601	10.00%	0.999946	0.5091	31.540	1.545	0.0011
90.37%	36	0.4818	9.81%	0.999958	0.5077	31.529	1.540	0.0012
90.39%	37	0.4925	9.80%	0.999963	0.5063	31.518	1.534	0.0012
90.31%	38	0.5004	10.13%	0.999968	0.5064	31.519	1.534	0.0012
89.96%	39	0.5081	9.71%	0.999962	0.5079	31.531	1.543	0.0011
89.66%	40	0.5081	9.65%	0.999966	0.5082	31.534	1.545	0.0011
89.18%	41	0.5121	9.84%	0.999962	0.5091	31.541	1.551	0.0011
88.84%	42	0.5120	9.37%	0.999962	0.5096	31.545	1.554	0.0011
88.48%	43	0.5099	9.23%	0.999965	0.5095	31.544	1.553	0.0011
88.29%	44	0.5123	9.58%	0.999966	0.5097	31.546	1.555	0.0011
88.08%	45	0.5098	9.73%	0.999968	0.5096	31.545	1.554	0.0011
90.39%				0.999968				

Run#3				Run#4				
Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0001
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0018	0.0000
0.0000	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0004	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0010
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0017	0.0004
0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0006	0.0005	0.0006
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0011	0.0000
0.0000	0.0000	0.0000	0.0000	0.0001	0.0003	0.0000	0.0004	0.0001
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000
0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0001	0.0000
0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0000
0.0000	0.0000	0.0000	0.0000	0.0004	0.0005	0.0000	0.0002	0.0004
0.0000	0.0000	0.0000	0.0000	0.0014	0.0008	0.0000	0.0000	0.0003
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0002	0.0008	0.0000	0.0007	0.0000	0.0000	0.0001	0.0000	0.0000
0.0012	0.0000	0.0010	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
0.0007	0.0013	0.0001	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000
0.0002	0.0005	0.0023	0.0019	0.0007	0.0018	0.0006	0.0019	0.0019
0.0051	0.0015	0.0038	0.0039	0.0039	0.0032	0.0027	0.0024	0.0027
0.0070	0.0058	0.0056	0.0066	0.0045	0.0051	0.0045	0.0068	0.0038
0.0152	0.0119	0.0136	0.0114	0.0092	0.0112	0.0095	0.0094	0.0086
0.0247	0.0225	0.0230	0.0196	0.0150	0.0181	0.0164	0.0135	0.0141
0.0450	0.0409	0.0403	0.0387	0.0270	0.0321	0.0313	0.0265	0.0256
0.0755	0.0688	0.0715	0.0644	0.0438	0.0585	0.0562	0.0450	0.0448
0.1214	0.1158	0.1179	0.1033	0.0724	0.0923	0.0888	0.0687	0.0726
0.1821	0.1811	0.1781	0.1587	0.1101	0.1414	0.1384	0.1064	0.1142
0.2506	0.2553	0.2496	0.2269	0.1575	0.1956	0.1947	0.1517	0.1588
0.3129	0.3232	0.3171	0.2870	0.1930	0.2524	0.2480	0.1947	0.1975
0.3589	0.3685	0.3646	0.3322	0.2292	0.2874	0.2944	0.2259	0.2338
0.3886	0.4061	0.3977	0.3611	0.2462	0.3146	0.3196	0.2477	0.2525
0.4002	0.4251	0.4168	0.3801	0.2595	0.3340	0.3360	0.2579	0.2609
0.4184	0.4401	0.4327	0.3927	0.2681	0.3387	0.3486	0.2674	0.2696
0.4204	0.4421	0.4404	0.3993	0.2687	0.3488	0.3500	0.2730	0.2774
0.4247	0.4502	0.4415	0.3985	0.2744	0.3519	0.3541	0.2755	0.2776
0.4299	0.4533	0.4472	0.4066	0.2762	0.3509	0.3595	0.2750	0.2820
0.4303	0.4542	0.4478	0.4068	0.2775	0.3555	0.3616	0.2776	0.2807
0.4324	0.4539	0.4465	0.4126	0.2790	0.3564	0.3642	0.2790	0.2831
0.4356	0.4633	0.4504	0.4083	0.2771	0.3582	0.3627	0.2779	0.2866
0.4356	0.4579	0.4534	0.4072	0.2781	0.3561	0.3610	0.2794	0.2827
0.4386	0.4586	0.4518	0.4103	0.2784	0.3600	0.3629	0.2803	0.2855

Cycle	K3/K2 Run2 Av. Av. Fc
1	0.0003
2	0.0000
3	0.0001
4	0.0001
5	0.0004
6	0.0005
7	0.0000
8	0.0004
9	0.0000
10	0.0002
11	0.0006
12	0.0006
13	0.0002
14	0.0006
15	0.0001
16	0.0001
17	0.0000
18	0.0006
19	0.0000
20	0.0003
21	0.0007
22	0.0015
23	0.0023
24	0.0042
25	0.0058
26	0.0113
27	0.0219
28	0.0364
29	0.0614
30	0.1014
31	0.1556
32	0.2184
33	0.2737
34	0.3146
35	0.3421
36	0.3594
37	0.3688
38	0.3731
39	0.3792
40	0.3802
41	0.3844
42	0.3825
43	0.3873
44	0.3832
45	0.3854

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
4.35E-12	133.31%	4.67%	0.995930	0.5590	31.998	1.549
7.22E-12	128.53%	4.84%	0.998377	0.1469	29.663	1.492
1.63E-10	101.98%	4.67%	0.999400	0.2678	30.941	1.594
3.96E-10	95.20%	2.40%	0.999743	0.4980	32.315	1.693
8.25E-10	89.94%	1.56%	0.999896	0.4579	32.116	1.676
8.93E-10	89.39%	1.11%	0.999947	0.4279	31.934	1.650
9.49E-10	88.98%	2.20%	0.999936	0.3939	31.680	1.596
8.32E-10	89.85%	1.46%	0.999939	0.3822	31.578	1.565
6.97E-10	91.00%	2.07%	0.999954	0.3796	31.552	1.555
6.54E-10	91.41%	2.48%	0.999965	0.3795	31.552	1.555
6.04E-10	91.92%	1.87%	0.999971	0.3795	31.552	1.555
6.08E-10	91.88%	2.42%	0.999975	0.3791	31.547	1.552
6.78E-10	91.18%	2.29%	0.999971	0.3801	31.559	1.560
6.95E-10	91.03%	2.42%	0.999972	0.3805	31.563	1.563
7.46E-10	90.58%	1.70%	0.999958	0.3815	31.575	1.572
7.75E-10	90.35%	2.05%	0.999960	0.3817	31.577	1.574
7.69E-10	90.39%	2.07%	0.999939	0.3827	31.588	1.582
7.87E-10	90.24%	2.19%	0.999943	0.3827	31.588	1.583
7.79E-10	90.31%	1.98%	0.999942	0.3830	31.592	1.586
6.04E-10	91.92%		0.999975			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0005
0.0000	0.0000	0.0005
0.0000	0.0005	0.0000
0.0000	0.0000	0.0001
0.0003	0.0000	0.0005
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0011	0.0000	0.0000
0.0000	0.0000	0.0000
0.0001	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0002	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0011	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0001	0.0001
0.0007	0.0000	0.0000
0.0000	0.0012	0.0008
0.0029	0.0032	0.0029
0.0046	0.0046	0.0048
0.0083	0.0084	0.0071
0.0166	0.0159	0.0145
0.0311	0.0294	0.0243
0.0533	0.0481	0.0433
0.0905	0.0814	0.0717
0.1351	0.1284	0.1146
0.1861	0.1777	0.1602
0.2372	0.2235	0.2042
0.2722	0.2620	0.2382
0.2953	0.2858	0.2643
0.3086	0.2984	0.2754
0.3203	0.3036	0.2820
0.3233	0.3134	0.2894
0.3249	0.3141	0.2915
0.3296	0.3142	0.2923
0.3316	0.3206	0.2937
0.3337	0.3203	0.2964
0.3324	0.3186	0.3010
0.3334	0.3234	0.2975
0.3346	0.3221	0.2993

Cycle	K3/K2 Run3 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0000
12	0.0000
13	0.0000
14	0.0000
15	0.0002
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0004
21	0.0006
22	0.0005
23	0.0012
24	0.0036
25	0.0063
26	0.0130
27	0.0225
28	0.0412
29	0.0701
30	0.1146
31	0.1750
32	0.2456
33	0.3101
34	0.3561
35	0.3884
36	0.4056
37	0.4210
38	0.4256
39	0.4287
40	0.4343
41	0.4348
42	0.4364
43	0.4394
44	0.4385
45	0.4398

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0003	5.96E-10	90.72%	9.45%	0.999135	0.0558	27.491
0.0003	3.40E-10	95.49%	6.51%	0.999387	0.2778	30.647
0.0002	9.96E-10	87.26%	6.66%	0.999797	0.2812	30.671
0.0002	2.56E-09	80.52%	6.88%	0.999905	0.3944	31.411
0.0002	2.17E-09	81.62%	6.29%	0.999955	0.4473	31.714
0.0002	1.69E-09	83.30%	5.18%	0.999977	0.4665	31.828
0.0003	9.47E-10	87.09%	5.14%	0.999981	0.4505	31.721
0.0004	6.60E-10	89.45%	4.60%	0.999961	0.4348	31.600
0.0004	5.86E-10	90.23%	5.03%	0.999970	0.4325	31.580
0.0004	5.84E-10	90.24%	4.90%	0.999971	0.4299	31.557
0.0004	5.84E-10	90.25%	4.96%	0.999967	0.4322	31.578
0.0004	5.64E-10	90.47%	4.72%	0.999972	0.4324	31.580
0.0004	6.20E-10	89.87%	5.31%	0.999976	0.4324	31.580
0.0004	6.45E-10	89.62%	4.82%	0.999968	0.4335	31.591
0.0003	7.21E-10	88.93%	4.88%	0.999967	0.4340	31.597
0.0003	7.38E-10	88.78%	4.16%	0.999964	0.4346	31.603
0.0003	8.20E-10	88.13%	5.38%	0.999950	0.4355	31.611
0.0003	8.25E-10	88.09%	5.24%	0.999947	0.4360	31.616
0.0003	8.57E-10	87.85%	4.86%	0.999941	0.4365	31.622
	5.64E-10	90.47%		0.999981		

Cycle	K3/K2 Run4 Av. Av. Fc
1	0.0004
2	0.0001
3	0.0005
4	0.0003
5	0.0000
6	0.0000
7	0.0000
8	0.0001
9	0.0004
10	0.0003
11	0.0001
12	0.0003
13	0.0002
14	0.0004
15	0.0000
16	0.0001
17	0.0003
18	0.0006
19	0.0000
20	0.0000
21	0.0000
22	0.0002
23	0.0013
24	0.0031
25	0.0052
26	0.0098
27	0.0158
28	0.0292
29	0.0509
30	0.0806
31	0.1241
32	0.1749
33	0.2220
34	0.2592
35	0.2820
36	0.2969
37	0.3057
38	0.3101
39	0.3140
40	0.3154
41	0.3181
42	0.3197
43	0.3190
44	0.3187
45	0.3204

k	Fb	Fo	Eo	CV	r2	Fmax
1.236	0.0000	1.23E-11	124.55%	12.47%	0.996410	0.0280
1.514	0.0000	4.48E-10	93.60%	9.87%	0.997470	0.3347
1.515	0.0000	4.55E-10	93.48%	14.84%	0.999189	0.4965
1.580	0.0000	9.18E-10	88.30%	14.57%	0.999648	0.2363
1.614	-0.0001	1.30E-09	85.85%	14.81%	0.999801	0.3317
1.631	-0.0001	1.56E-09	84.63%	13.46%	0.999906	0.3464
1.608	-0.0001	1.22E-09	86.25%	14.68%	0.999939	0.3305
1.572	0.0000	8.07E-10	88.94%	14.16%	0.999956	0.3244
1.564	0.0000	7.37E-10	89.52%	14.38%	0.999947	0.3182
1.553	0.0001	6.45E-10	90.38%	14.84%	0.999956	0.3165
1.565	0.0000	7.46E-10	89.45%	14.40%	0.999964	0.3161
1.566	0.0000	7.55E-10	89.38%	14.64%	0.999969	0.3158
1.566	0.0000	7.57E-10	89.36%	14.36%	0.999972	0.3161
1.574	0.0000	8.34E-10	88.75%	14.61%	0.999975	0.3163
1.578	0.0000	8.79E-10	88.43%	14.72%	0.999970	0.3169
1.583	0.0000	9.29E-10	88.08%	14.72%	0.999961	0.3175
1.590	-0.0001	1.01E-09	87.55%	15.03%	0.999961	0.3178
1.594	-0.0001	1.06E-09	87.25%	14.47%	0.999963	0.3179
1.599	-0.0001	1.12E-09	86.92%	14.80%	0.999959	0.3182
		6.45E-10	90.38%		0.999975	

Cycle	K3/K2 Run5 Av. Av. Fc
1	0.0001
2	0.0002
3	0.0001
4	0.0000
5	0.0002
6	0.0000
7	0.0000
8	0.0005
9	0.0001
10	0.0002
11	0.0000
12	0.0000
13	0.0000
14	0.0001
15	0.0000
16	0.0000
17	0.0001
18	0.0004
19	0.0000
20	0.0000
21	0.0001
22	0.0002
23	0.0010
24	0.0029
25	0.0045
26	0.0081
27	0.0153
28	0.0276
29	0.0474
30	0.0791
31	0.1231
32	0.1707
33	0.2156
34	0.2516
35	0.2745
36	0.2858
37	0.2939
38	0.3009
39	0.3020
40	0.3045
41	0.3067
42	0.3084
43	0.3097
44	0.3093
45	0.3104

$C_{1/2}$	k	Fb	Fo	Eo	CV	r2
26.738	1.170	0.0002	3.31E-12	135.11%	7.68%	0.995725
31.825	1.622	0.0001	1.01E-09	85.25%	11.53%	0.998704
32.578	1.647	0.0001	1.27E-09	83.54%	9.35%	0.999577
31.023	1.548	0.0001	4.66E-10	90.81%	11.13%	0.999827
31.853	1.645	0.0001	1.30E-09	83.63%	8.44%	0.999931
31.970	1.662	0.0001	1.54E-09	82.49%	7.85%	0.999948
31.827	1.633	0.0001	1.13E-09	84.48%	8.41%	0.999972
31.763	1.615	0.0001	9.29E-10	85.76%	7.36%	0.999980
31.692	1.588	0.0002	6.85E-10	87.71%	7.13%	0.999985
31.670	1.578	0.0002	6.10E-10	88.44%	7.58%	0.999974
31.666	1.576	0.0002	5.92E-10	88.63%	7.67%	0.999977
31.662	1.573	0.0002	5.74E-10	88.82%	7.03%	0.999972
31.666	1.576	0.0002	5.95E-10	88.60%	7.09%	0.999976
31.669	1.578	0.0002	6.09E-10	88.46%	7.04%	0.999975
31.676	1.584	0.0002	6.54E-10	88.01%	7.67%	0.999969
31.685	1.591	0.0002	7.08E-10	87.52%	7.41%	0.999956
31.688	1.594	0.0002	7.34E-10	87.30%	6.47%	0.999941
31.690	1.595	0.0002	7.47E-10	87.19%	7.53%	0.999936
31.695	1.599	0.0002	7.81E-10	86.92%	7.12%	0.999927
			5.74E-10	88.82%		0.999985

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1041	29.585	1.461	0.0001	1.68E-10	98.24%
0.2039	30.817	1.517	0.0001	3.07E-10	93.32%
0.2064	30.841	1.518	0.0001	3.11E-10	93.21%
0.3205	31.779	1.591	0.0000	6.80E-10	87.47%
0.3461	31.957	1.608	0.0000	8.14E-10	86.21%
0.3055	31.629	1.559	0.0001	4.72E-10	89.92%
0.3040	31.615	1.556	0.0001	4.55E-10	90.17%
0.3074	31.651	1.567	0.0001	5.19E-10	89.30%
0.3066	31.642	1.564	0.0001	4.98E-10	89.57%
0.3037	31.605	1.546	0.0001	4.03E-10	90.93%
0.3031	31.597	1.542	0.0001	3.81E-10	91.28%
0.3042	31.612	1.551	0.0001	4.29E-10	90.54%
0.3043	31.614	1.552	0.0001	4.34E-10	90.46%
0.3048	31.620	1.556	0.0001	4.58E-10	90.12%
0.3054	31.628	1.563	0.0000	4.96E-10	89.62%
0.3060	31.638	1.570	0.0000	5.44E-10	89.05%
0.3067	31.647	1.578	0.0000	5.97E-10	88.48%
0.3071	31.653	1.583	0.0000	6.32E-10	88.12%
0.3075	31.659	1.588	0.0000	6.74E-10	87.72%
				3.81E-10	91.28%

Cycle	K3/K2 Run1 Rep1	r2
1	0.0020	
2	0.0024	
3	0.0000	
4	0.0012	
5	0.0027	
6	0.0025	
7	0.0029	
8	0.0010	
9	0.0005	
10	0.0008	
11	0.0019	
12	0.0014	
13	0.0011	
14	0.0007	
15	0.0000	
16	0.0000	
17	0.0002	
18	0.0000	
19	0.0009	
20	0.0015	
21	0.0015	
22	0.0023	
23	0.0038	
24	0.0048	
25	0.0064	
26	0.0139	
27	0.0251	0.971488
28	0.0455	0.991771
29	0.0763	0.997275
30	0.1233	0.998958
31	0.1910	0.999511
32	0.2616	0.999752
33	0.3296	0.999863
34	0.3760	0.999896
35	0.4023	0.999890
36	0.4207	0.999914
37	0.4282	0.999923
38	0.4346	0.999935
39	0.4444	0.999906
40	0.4438	0.999911
41	0.4463	0.999909
42	0.4475	0.999907
43	0.4479	0.999907
44	0.4466	0.999912
45	0.4442	0.999917
		0.999935

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.2113	29.896	1.405	0.0012	1.21E-10	103.75%
0.3248	30.671	1.447	0.0012	2.03E-10	99.56%
0.2287	30.001	1.400	0.0012	1.13E-10	104.27%
0.3434	30.894	1.500	0.0012	3.91E-10	94.75%
0.5072	31.832	1.612	0.0011	1.35E-09	85.93%
0.4564	31.549	1.568	0.0011	8.38E-10	89.19%
0.4629	31.593	1.578	0.0011	9.40E-10	88.43%
0.4510	31.504	1.551	0.0012	6.80E-10	90.56%
0.4417	31.428	1.520	0.0013	4.65E-10	93.04%
0.4405	31.417	1.515	0.0013	4.34E-10	93.50%
0.4388	31.403	1.507	0.0013	3.89E-10	94.21%
0.4388	31.402	1.506	0.0013	3.87E-10	94.24%
0.4412	31.424	1.522	0.0013	4.75E-10	92.93%
0.4420	31.432	1.527	0.0012	5.11E-10	92.46%
0.4428	31.440	1.534	0.0012	5.55E-10	91.92%
0.4436	31.447	1.540	0.0012	5.97E-10	91.46%
0.4441	31.452	1.544	0.0012	6.32E-10	91.11%
0.4443	31.454	1.546	0.0011	6.45E-10	90.98%
0.4442	31.453	1.544	0.0012	6.35E-10	91.08%
				3.87E-10	94.24%

K3/K2
Run1
Rep2

Cycle		r2
1	0.0025	
2	0.0010	
3	0.0028	
4	0.0020	
5	0.0019	
6	0.0008	
7	0.0019	
8	0.0016	
9	0.0011	
10	0.0019	
11	0.0012	
12	0.0005	
13	0.0000	
14	0.0003	
15	0.0003	
16	0.0000	
17	0.0006	
18	0.0000	
19	0.0000	
20	0.0000	
21	0.0000	
22	0.0016	
23	0.0023	
24	0.0044	
25	0.0096	
26	0.0161	
27	0.0332	0.983844
28	0.0533	0.994383
29	0.0972	0.997229
30	0.1600	0.999037
31	0.2414	0.999610
32	0.3318	0.999812
33	0.4132	0.999894
34	0.4710	0.999930
35	0.5086	0.999949
36	0.5302	0.999960
37	0.5384	0.999957
38	0.5519	0.999954
39	0.5584	0.999943
40	0.5582	0.999948
41	0.5647	0.999932
42	0.5581	0.999937
43	0.5559	0.999936
44	0.5613	0.999939
45	0.5576	0.999941
		0.999960

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.2316	29.320	1.271	0.0010	2.21E-11	119.68%
0.0974	27.827	1.138	0.0010	2.35E-12	140.76%
0.5926	31.526	1.537	0.0009	7.30E-10	91.69%
0.5544	31.389	1.527	0.0009	6.59E-10	92.46%
0.5344	31.304	1.517	0.0009	5.86E-10	93.30%
0.5563	31.411	1.536	0.0008	7.35E-10	91.72%
0.5634	31.450	1.546	0.0008	8.22E-10	90.96%
0.5583	31.420	1.536	0.0008	7.29E-10	91.76%
0.5569	31.410	1.532	0.0009	6.95E-10	92.08%
0.5560	31.404	1.529	0.0009	6.69E-10	92.33%
0.5533	31.385	1.518	0.0009	5.81E-10	93.24%
0.5553	31.399	1.528	0.0009	6.57E-10	92.45%
0.5574	31.415	1.538	0.0008	7.51E-10	91.59%
0.5579	31.419	1.541	0.0008	7.82E-10	91.33%
0.5595	31.431	1.551	0.0008	8.80E-10	90.58%
0.5592	31.429	1.549	0.0008	8.60E-10	90.73%
0.5586	31.424	1.545	0.0008	8.20E-10	91.03%
0.5589	31.426	1.547	0.0008	8.39E-10	90.88%
0.5587	31.424	1.545	0.0008	8.22E-10	91.01%
				5.81E-10	93.24%

Cycle	K3/K2 Run1 Rep3	r2
1	0.0018	
2	0.0036	
3	0.0028	
4	0.0042	
5	0.0000	
6	0.0031	
7	0.0031	
8	0.0012	
9	0.0005	
10	0.0044	
11	0.0000	
12	0.0000	
13	0.0020	
14	0.0000	
15	0.0001	
16	0.0000	
17	0.0000	
18	0.0000	
19	0.0005	
20	0.0014	
21	0.0000	
22	0.0011	
23	0.0014	
24	0.0045	
25	0.0081	
26	0.0146	
27	0.0303	0.948711
28	0.0506	0.983550
29	0.0866	0.993932
30	0.1416	0.997658
31	0.2156	0.999024
32	0.3022	0.999534
33	0.3815	0.999746
34	0.4399	0.999830
35	0.4823	0.999881
36	0.5047	0.999907
37	0.5187	0.999924
38	0.5252	0.999935
39	0.5324	0.999942
40	0.5304	0.999945
41	0.5333	0.999950
42	0.5361	0.999953
43	0.5346	0.999956
44	0.5341	0.999959
45	0.5365	0.999960
		0.999960

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1199	28.280	1.116	0.0013	1.19E-12	144.94%
0.0910	27.823	1.066	0.0013	4.18E-13	155.58%
0.2190	29.606	1.335	0.0013	5.15E-11	111.46%
0.4020	30.932	1.491	0.0012	3.92E-10	95.57%
0.5051	31.476	1.558	0.0011	8.52E-10	89.99%
0.5540	31.725	1.598	0.0011	1.32E-09	86.98%
0.5472	31.687	1.590	0.0011	1.20E-09	87.59%
0.5357	31.615	1.568	0.0012	9.40E-10	89.21%
0.5370	31.624	1.572	0.0011	9.80E-10	88.94%
0.5349	31.609	1.565	0.0012	8.99E-10	89.49%
0.5344	31.605	1.562	0.0012	8.74E-10	89.67%
0.5336	31.599	1.559	0.0012	8.36E-10	89.95%
0.5344	31.605	1.563	0.0012	8.81E-10	89.62%
0.5336	31.599	1.558	0.0012	8.34E-10	89.97%
0.5336	31.599	1.558	0.0012	8.30E-10	90.00%
0.5340	31.602	1.560	0.0012	8.56E-10	89.81%
0.5339	31.601	1.560	0.0012	8.54E-10	89.82%
0.5338	31.600	1.559	0.0012	8.45E-10	89.88%
0.5340	31.602	1.561	0.0012	8.60E-10	89.78%
				8.30E-10	90.00%

Cycle	K3/K2 Run1 Rep4	r2
1	0.0034	
2	0.0030	
3	0.0018	
4	0.0031	
5	0.0011	
6	0.0012	
7	0.0019	
8	0.0023	
9	0.0012	
10	0.0003	
11	0.0001	
12	0.0009	
13	0.0010	
14	0.0000	
15	0.0000	
16	0.0006	
17	0.0001	
18	0.0000	
19	0.0002	
20	0.0000	
21	0.0004	
22	0.0010	
23	0.0030	
24	0.0044	
25	0.0065	
26	0.0147	
27	0.0242	0.961320
28	0.0445	0.987631
29	0.0774	0.996053
30	0.1258	0.998593
31	0.1961	0.999389
32	0.2750	0.999720
33	0.3513	0.999850
34	0.4137	0.999906
35	0.4472	0.999894
36	0.4716	0.999918
37	0.4845	0.999933
38	0.4899	0.999940
39	0.4972	0.999946
40	0.4999	0.999950
41	0.5040	0.999944
42	0.5061	0.999936
43	0.5010	0.999940
44	0.5070	0.999934
45	0.5009	0.999936
		0.999950

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0426	26.818	1.034	0.0011	2.34E-13	162.95%
0.1784	29.558	1.370	0.0010	7.64E-11	107.46%
0.3137	30.649	1.453	0.0010	2.17E-10	99.02%
0.3598	30.938	1.480	0.0010	3.00E-10	96.55%
0.5119	31.768	1.578	0.0009	9.25E-10	88.46%
0.5061	31.738	1.573	0.0010	8.79E-10	88.81%
0.5101	31.762	1.579	0.0009	9.33E-10	88.41%
0.5155	31.797	1.589	0.0009	1.05E-09	87.65%
0.5023	31.702	1.553	0.0010	6.88E-10	90.36%
0.5004	31.687	1.547	0.0010	6.33E-10	90.90%
0.4995	31.680	1.543	0.0011	6.04E-10	91.20%
0.4983	31.671	1.537	0.0011	5.60E-10	91.68%
0.4990	31.677	1.541	0.0011	5.90E-10	91.35%
0.4996	31.682	1.545	0.0011	6.17E-10	91.07%
0.5007	31.691	1.551	0.0010	6.73E-10	90.52%
0.5017	31.699	1.558	0.0010	7.33E-10	89.99%
0.5015	31.697	1.557	0.0010	7.19E-10	90.11%
0.5021	31.703	1.562	0.0010	7.64E-10	89.73%
0.5019	31.701	1.560	0.0010	7.46E-10	89.88%
				5.60E-10	91.68%