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: K1/K2 (102bp)

Table 1: K1/K2

K1/K2

Predicted Target No	Relative Conc.	Average Fc from 20 replicates r2	Fmax	C1/2	k	Fo	Relative Fo	% of Average
4.17E+07	1	0.999995	0.3959	14.833	1.568	3.09E-05	3.09E-05	104.55%
4.17E+06	0.1	0.999992	0.3689	18.414	1.569	2.94E-06	2.94E-05	99.73%
4.17E+05	0.01	0.999986	0.3535	22.005	1.557	2.56E-07	2.56E-05	86.83%
4.17E+04	0.001	0.999991	0.2947	25.553	1.582	2.84E-08	2.84E-05	96.20%
4.17E+03	0.0001	0.999985	0.3670	29.069	1.566	3.19E-09	3.19E-05	108.00%
4.17E+02	0.00001	0.999976	0.3390	32.639	1.568	3.09E-10	3.09E-05	104.70%
	Average:	0.999988	0.3532		1.568	**Average:**	2.95E-05	
	SD:	0.000007	0.0343		0.008	**CV:**	7.68%	

Ct Quantification

Predicted Target No	Log(No)	Av. Ct (n=20)	Nt-based No	% of Predicted	Mt/Ft-CF SCF No	% of Predicted
4.17E+07	7.62	9.893	4.42E+07	105.90%	4.87E+07	116.74%
4.17E+06	6.62	13.537	4.26E+06	102.15%	4.64E+06	111.36%
4.17E+05	5.62	17.220	4.01E+05	96.13%	4.04E+05	96.96%
4.17E+04	4.62	21.045	3.45E+04	82.62%	4.48E+04	107.42%
4.17E+03	3.62	24.172	4.63E+03	111.06%	5.03E+03	120.59%
4.17E+02	2.62	27.851	4.37E+02	104.81%	4.88E+02	116.92%
			Av.:	100.44%	**Av.:**	111.67%
			SD:	10.01%	**SD:**	8.57%

Ct Regression Analysis

r2: 0.999408
Es: 89.97%
Nt (molec): 2.52E+10
Ft (FU): 0.0160
As (bp): 102
Mt (ng): 2.83
Mt/Ft-CF (ng/FU): 177

Av. Ct vs. SCF: 9.07%

K1/K2 4.17x10^7

Run	Av. Ct	Ct No	% of Predicted	Run Average (4 replicates) r2	Fmax	C1/2	k	SCF Fo (FU)
1	9.470	5.79E+07	138.90%	0.999977	0.4910	14.807	1.562	3.76E-05
2	10.189	3.65E+07	87.58%	0.999977	0.3730	14.956	1.574	2.78E-05
3	9.907	4.38E+07	104.95%	0.999975	0.3756	14.857	1.565	2.82E-05
4	9.892	4.42E+07	105.93%	0.999984	0.3472	14.786	1.560	2.66E-05

5	10.006	4.11E+07	98.47%	0.999981	0.3875	14.722	1.558	3.05E-05
	Average:	4.47E+07	107.16%	0.999979	0.3949	14.826	1.564	3.01E-05
	CV/SD:	17.90%	19.19%	0.000003	14.11%	0.088	0.006	14.60%
				% Difference Ct vs. SCF: 6.40%				

K1/K2 4.17x10^6			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	13.503	4.35E+06	104.42%	0.999978	0.4359	18.538	1.558	2.96E-06
2	13.519	4.31E+06	103.35%	0.999960	0.3530	18.387	1.570	2.90E-06
3	13.535	4.27E+06	102.28%	0.999982	0.3480	18.401	1.576	2.95E-06
4	13.556	4.21E+06	100.94%	0.999987	0.3386	18.304	1.566	2.84E-06
5	13.573	4.16E+06	99.83%	0.999969	0.3672	18.391	1.565	2.90E-06
	Average:	4.26E+06	102.17%	0.999975	0.3685	18.404	1.567	2.92E-06
	CV/SD:	1.79%	1.83%	0.000011	10.59%	0.084	0.007	1.59%
				% Difference Ct vs. SCF: 7.73%				

K1/K2 4.17x10^5			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	17.422	3.52E+05	84.45%	0.999961	0.3400	22.157	1.560	2.30E-07
2	17.257	3.91E+05	93.88%	0.999962	0.3263	21.867	1.542	2.26E-07
3	16.972	4.70E+05	112.73%	0.999985	0.4202	22.003	1.534	2.49E-07
4	17.105	4.32E+05	103.53%	0.999925	0.2884	21.811	1.547	2.17E-07
5	17.346	3.70E+05	88.71%	0.999974	0.3835	22.054	1.557	2.70E-07
	Average:	4.03E+05	96.66%	0.999962	0.3517	21.978	1.548	2.40E-07
	CV/SD:	11.86%	11.46%	0.000023	14.57%	0.140	0.011	8.85%
				% Difference Ct vs. SCF: -6.78%				

K1/K2 4.17x10^4			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	21.362	2.81E+04	67.40%	0.999951	0.2953	25.784	1.559	1.95E-08
2	20.882	3.82E+04	91.71%	0.999963	0.2850	25.405	1.578	2.89E-08
3	20.863	3.87E+04	92.84%	0.999978	0.3302	25.535	1.569	2.83E-08
4	20.815	3.99E+04	95.74%	0.999928	0.2452	25.482	1.577	2.36E-08
5	21.302	2.92E+04	70.07%	0.999963	0.3126	25.484	1.585	3.24E-08
	Average:	3.48E+04	83.55%	0.999957	0.2937	25.538	1.574	2.63E-08
	CV/SD:	16.32%	16.32%	0.000019	10.93%	0.145	0.010	19.14%
				% Difference Ct vs. SCF: 20.12%				

K1/K2 4.17x10^3			**% of**	**Average Fc from 4 replicates**				**SCF Fo**
Run	**Av. Ct**	**Ct No**	**Predicted**	**r2**	**Fmax**	**C1/2**	**k**	**(FU)**
1	24.113	4.81E+03	115.35%	0.999973	0.4138	29.209	1.556	2.92E-09
2	24.150	4.70E+03	112.66%	0.999970	0.3754	29.113	1.561	2.98E-09
3	23.998	5.18E+03	124.22%	0.999962	0.4003	29.053	1.569	3.63E-09
4	24.247	4.41E+03	105.83%	0.999969	0.3033	28.906	1.558	2.65E-09
5	24.353	4.12E+03	98.92%	0.999946	0.3357	28.940	1.545	2.47E-09
	Average:	4.65E+03	111.40%	0.999964	0.3657	29.044	1.558	2.92E-09
	CV/SD:	8.62%	8.62%	0.000011	12.53%	0.124	0.009	15.10%
				% Difference Ct vs. SCF: -0.58%				

K1/K2 4.17x10^2			**% of**	**Average Fc from 4 replicates**				**SCF Fo**

Run	Av. Ct	Ct No	Predicted	r2	Fmax	C1/2	k	(FU)
1	27.912	4.20E+02	100.75%	0.999974	0.3905	32.808	1.581	3.82E-10
2	27.660	4.94E+02	118.49%	0.999965	0.3550	32.658	1.570	3.30E-10
3	27.608	5.11E+02	122.51%	0.999978	0.3928	32.677	1.566	3.42E-10
4	27.884	4.28E+02	102.58%	0.999953	0.2438	32.374	1.551	2.09E-10
5	28.190	3.51E+02	84.29%	0.999929	0.3129	32.570	1.553	2.43E-10
	Average:	4.41E+02	105.72%	0.999960	0.3390	32.617	1.564	2.98E-10
	CV/SD:	14.49%	14.49%	0.000020	18.39%	0.161	0.013	24.27%

Av. Ct % of Predicted: 101.11%

Av. SD: 11.99%

% Difference Ct vs. SCF: 7.65%

Av. CV of SCF No:

Av. SCF % of

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Table 2: K1/K2

Predicted Target Mo (ng)	CFo (ng/FU)
4.67E-03	151
4.67E-04	159
4.67E-05	182
4.67E-06	165
4.67E-07	147
4.67E-08	151
Average:	159
CV:	8.18%

Table 3: K1/K2

Ct No (Av. CF)	% of Predicted	SCF No (Av. CF)	% of Predicted
4.26E+07	102.26%	4.70E+07	112.73%
4.11E+06	98.64%	4.48E+06	107.53%
3.87E+05	92.82%	3.90E+05	93.62%
3.33E+04	79.78%	4.33E+04	103.73%
4.47E+03	107.25%	4.86E+03	116.45%
4.22E+02	101.20%	4.71E+02	112.90%
Av.:	96.99%	**Av.:**	107.83%
SD:	9.66%	**SD:**	8.28%

CFav Mt (ng): 2.73

CFav Nt (molec): 2.44E+10

Table 4: K1/K2

	SCF Eo	Exp Eo
	89.20%	89.21%
	89.16%	89.16%
	90.11%	90.11%
	88.17%	88.17%
	89.37%	89.37%
	89.22%	89.22%
Av.:	89.21%	89.21%
SD:	0.62%	0.62%

Average CF

	CF (ng/FU)
K1/K2 CFt:	177
CFo:	159
CFmax:	198
‹3/K2 CFt:	164
CFo:	169
CFmax:	157
CFav:	171
CV:	8.95%

SCF No (molec)	% of Predicted	SCF Eo
5.93E+07	142.20%	89.65%
4.39E+07	105.22%	88.77%
4.45E+07	106.81%	89.47%
4.19E+07	100.54%	89.82%

K1/K2 4.17x10^7 Run#1

Rep	Ct	Ct No	% of Predicted	Av. Ct vs. SCF: Fc fro r2
1	9.568	5.44E+07	130.43%	0.999859
2	9.309	6.42E+07	154.01%	0.999910
3	9.499	5.69E+07	136.33%	0.999790
4	9.504	5.67E+07	135.90%	0.999929

4.81E+07	115.35%	90.00%
4.75E+07	114.02%	89.54%
14.59%	16.63%	0.47%

Average:	5.80E+07	139.17%	0.999872
CV/SD:	7.37%	10.25%	0.000062
			% D

SCF No (molec)	% of Predicted	SCF Eo
4.67E+06	111.94%	90.01%
4.57E+06	109.62%	89.05%
4.65E+06	111.56%	88.63%
4.48E+06	107.55%	89.36%
4.57E+06	109.64%	89.43%
4.59E+06	110.06%	89.30%
1.60%	1.76%	0.51%

K1/K2 4.17x10^6 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	13.109	5.61E+06	134.46%	0.999971
2	13.333	4.86E+06	116.45%	0.999965
3	13.784	3.64E+06	87.19%	0.999883
4	13.786	3.63E+06	87.08%	0.999891
Average:		4.43E+06	106.30%	0.999927
CV/SD:		21.93%	23.31%	0.000047
				% D

SCF No (molec)	% of Predicted	SCF Eo
3.63E+05	86.94%	89.87%
3.56E+05	85.38%	91.29%
3.92E+05	93.98%	91.89%
3.42E+05	82.06%	90.88%
4.26E+05	102.15%	90.09%
3.76E+05	90.10%	90.80%
8.90%	8.02%	0.84%

K1/K2 4.17x10^5 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	17.525	3.30E+05	79.06%	0.999890
2	17.251	3.93E+05	94.25%	0.999942
3	17.456	3.45E+05	82.64%	0.999817
4	17.457	3.44E+05	82.58%	0.999897
Average:		3.53E+05	84.63%	0.999886
CV/SD:		7.83%	6.63%	0.000052
				% D

SCF No (molec)	% of Predicted	SCF Eo
3.07E+04	73.73%	89.88%
4.56E+04	109.29%	88.49%
4.46E+04	106.86%	89.14%
3.72E+04	89.31%	88.52%
5.11E+04	122.62%	87.96%
4.19E+04	100.36%	88.80%
18.96%	19.03%	0.74%

K1/K2 4.17x10^4 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	21.277	2.97E+04	71.18%	0.999892
2	21.391	2.76E+04	66.16%	0.999913
3	21.294	2.94E+04	70.41%	0.999957
4	21.486	2.60E+04	62.24%	0.999834
Average:		2.81E+04	67.50%	0.999899
CV/SD:		6.13%	4.14%	0.000051
				% D

SCF No (molec)	% of Predicted	SCF Eo
4.61E+03	110.46%	90.14%
4.70E+03	112.68%	89.77%
5.72E+03	137.12%	89.17%
4.18E+03	100.20%	90.02%
3.89E+03	93.29%	91.01%
4.62E+03	110.75%	90.02%
15.08%	16.70%	0.67%

K1/K2 4.17x10^3 Run#1

Rep	Ct	Ct No	% of Predicted	Fc fro r2
1	23.911	5.48E+03	131.31%	0.999881
2	24.026	5.09E+03	121.97%	0.999952
3	24.124	4.78E+03	114.54%	0.999899
4	24.391	4.02E+03	96.50%	0.999861
Average:		4.84E+03	116.08%	0.999898
CV/SD:		12.70%	14.75%	0.000039
				% D

SCF No **% of**

K1/K2 4.17x10^2 Run#1 **% of** **Fc fro**

(molec)	Predicted	SCF Eo
6.02E+02	144.38%	88.20%
5.20E+02	124.63%	89.05%
5.39E+02	129.30%	89.35%
3.29E+02	78.85%	90.59%
3.83E+02	91.87%	90.42%
4.75E+02	113.81%	89.52%
24.04%	27.36%	0.99%

Av.of Run Eo: 89.66%

Av. SD of Run Eo: 0.70%

13.86%

Predicted: 106.52%

Rep	Ct	Ct No	Predicted	r2
1	28.233	3.42E+02	82.01%	0.999874
2	27.876	4.30E+02	103.12%	0.999900
3	27.739	4.70E+02	112.60%	0.999962
4	27.801	4.51E+02	108.21%	0.999937
	Average:	4.23E+02	101.48%	0.999918
	CV/SD:	13.35%	13.55%	0.000039
				% D

16.16%

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.4286	14.653	1.532	3.01E-05	4.75E+07	113.89%	92.05%
0.5287	14.754	1.557	4.05E-05	6.39E+07	153.24%	90.07%
0.4639	14.708	1.536	3.23E-05	5.09E+07	121.96%	91.72%
0.5130	14.902	1.565	3.74E-05	5.91E+07	141.61%	89.48%

0.4836	14.754	1.548	3.51E-05	5.53E+07	132.68%	90.83%
9.49%	0.107	0.016	13.56%	13.56%	17.99%	1.25%

ifference Ct vs. SCF: -4.67%

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.4911	18.533	1.575	3.80E-06	5.98E+06	143.50%	88.72%
0.4734	18.497	1.549	3.08E-06	4.85E+06	116.34%	90.74%
0.3653	18.493	1.544	2.29E-06	3.61E+06	86.68%	91.12%
0.4088	18.587	1.544	2.43E-06	3.83E+06	91.74%	91.07%
0.4346	18.528	1.553	2.90E-06	4.57E+06	109.56%	90.41%
13.40%	0.044	0.015	23.80%	23.80%	26.07%	1.14%

ifference Ct vs. SCF: 3.08%

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.3164	22.059	1.553	2.15E-07	3.39E+05	81.31%	90.37%
0.3566	22.096	1.561	2.53E-07	4.00E+05	95.82%	89.79%
0.3158	22.156	1.592	2.86E-07	4.51E+05	108.04%	87.40%
0.3624	22.219	1.510	1.48E-07	2.33E+05	55.82%	93.90%
0.3378	22.133	1.554	2.25E-07	3.55E+05	85.25%	90.36%
7.45%	0.070	0.034	26.34%	26.34%	22.46%	2.69%

ifference Ct vs. SCF: 0.73%

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.2877	25.747	1.578	2.37E-08	3.74E+04	89.59%	88.43%
0.2876	25.775	1.567	2.06E-08	3.25E+04	77.87%	89.33%
0.2930	25.755	1.547	1.73E-08	2.73E+04	65.49%	90.83%
0.3117	25.829	1.538	1.58E-08	2.49E+04	59.78%	91.61%
0.2950	25.777	1.558	1.94E-08	3.05E+04	73.18%	90.05%
3.88%	0.037	0.018	18.16%	18.16%	13.29%	1.44%

ifference Ct vs. SCF: 8.42%

m individual amplifications			SCF Fo	SCF No	% of	
Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.4568	29.216	1.550	2.98E-09	4.69E+03	112.51%	90.63%
0.4392	29.211	1.562	3.33E-09	5.25E+03	125.95%	89.67%
0.4065	29.172	1.548	2.66E-09	4.20E+03	100.69%	90.78%
0.3496	29.209	1.552	2.35E-09	3.70E+03	88.82%	90.46%
0.4131	29.202	1.553	2.83E-09	4.46E+03	106.99%	90.38%
11.41%	0.020	0.006	14.87%	14.87%	15.91%	0.50%

ifference Ct vs. SCF: -7.83%

m individual amplifications	SCF Fo	SCF No	% of

Fmax	C1/2	k	(FU)	(molec)	Predicted	SCF Eo
0.3424	32.832	1.585	3.46E-10	5.45E+02	130.72%	87.93%
0.3686	32.698	1.568	3.22E-10	5.07E+02	121.67%	89.26%
0.4217	32.850	1.578	3.85E-10	6.07E+02	145.53%	88.44%
0.4272	32.826	1.582	4.18E-10	6.59E+02	158.06%	88.13%
0.3900	32.801	1.578	3.68E-10	5.80E+02	139.00%	88.44%
10.58%	0.069	0.008	11.56%	11.56%	16.07%	0.58%

ifference Ct vs. SCF: 37.0%

Av.of Run Eo: 90.08%

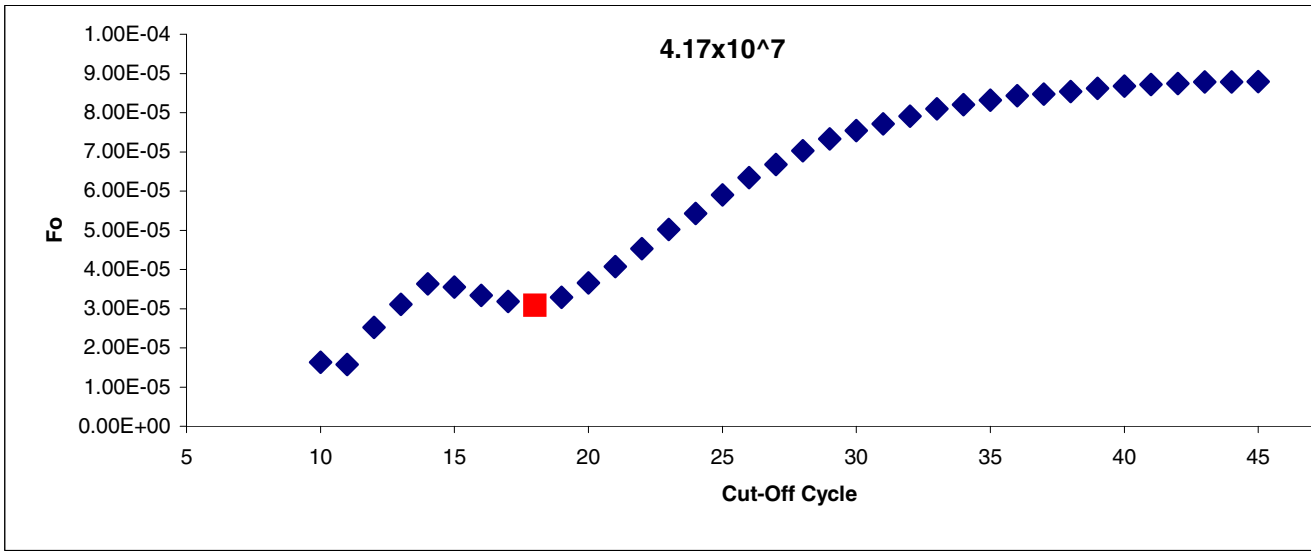
Av. SD of Run Eo: 1.27%

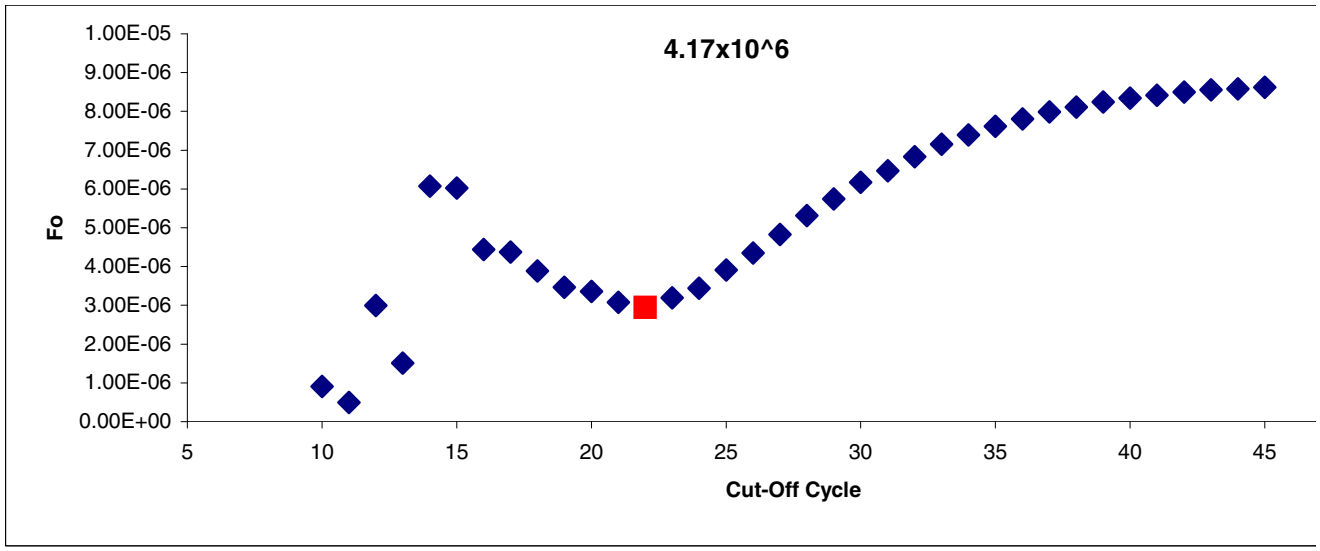
Av. CV of SCF No: 18.05%

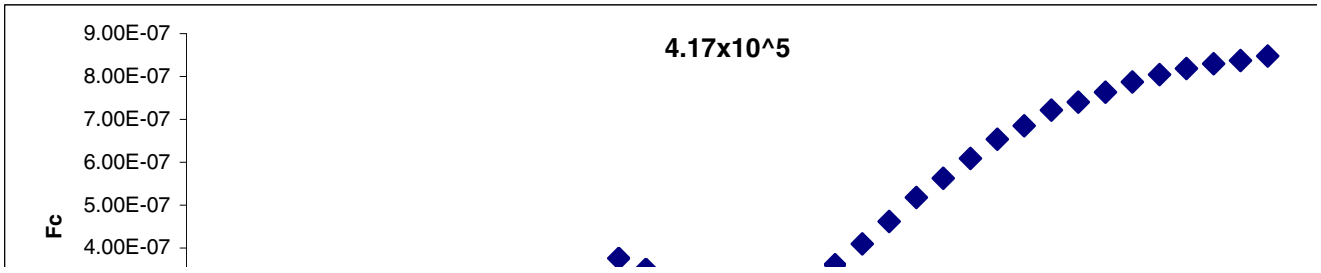
Illustration of Cut-Off Cycle determination.

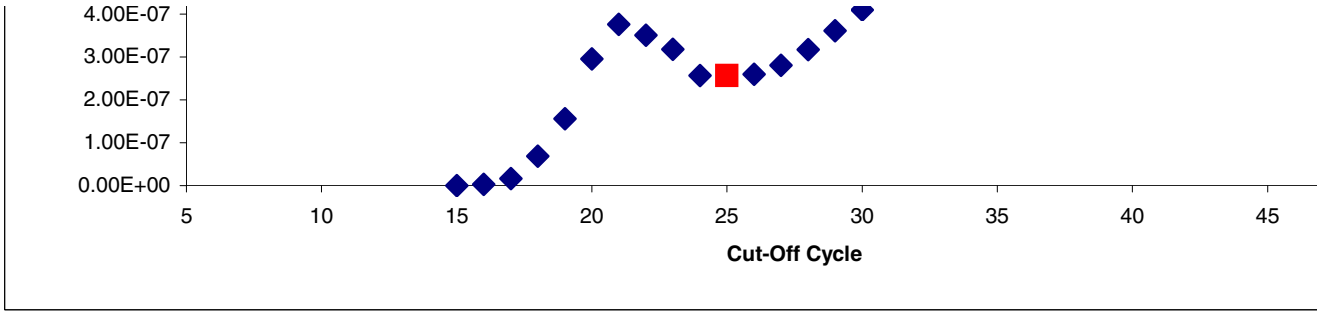
Due to deviation of plateau cycles from that predicted by SCF, the impact of sequentially cycles from the curving-fitting process was evaluated. Curve-fitting was initiated by inclu the resulting F_0 recorded, and the curve-fitting repeated following removal of the last cyc (e.g. cycle 45 in the first instance). This sequential process was then repeated until failu due to insufficient data.

As illustrated by the graphs presented below, this revealed a highly regular pattern fo every case examined a minimum value, which determined the cut-off cycle (red square)



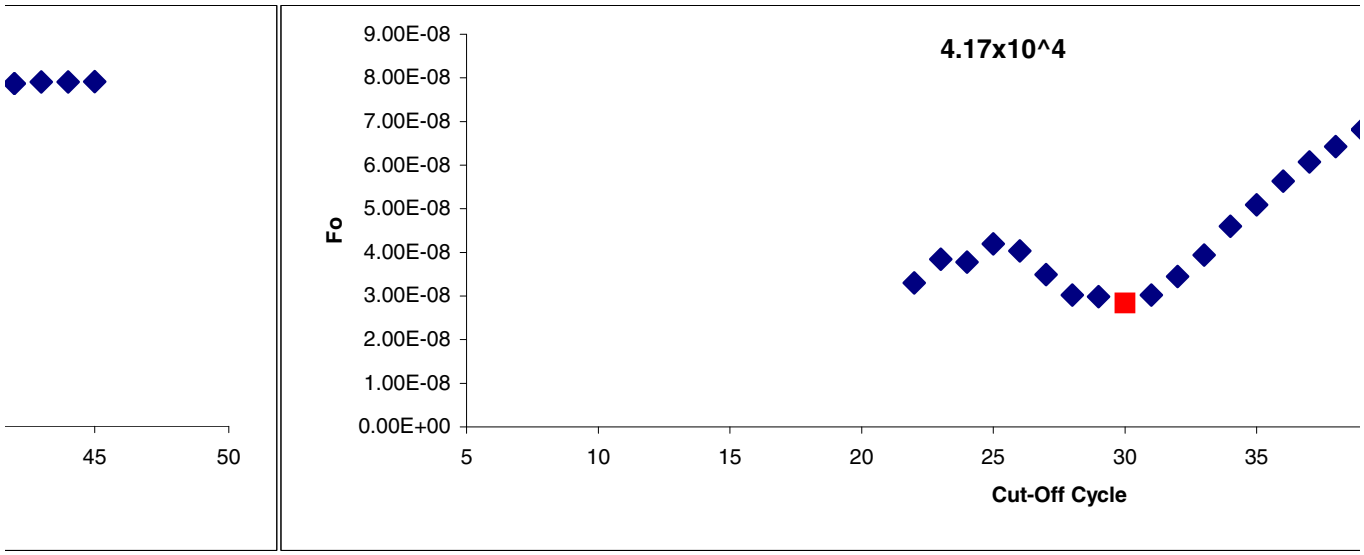


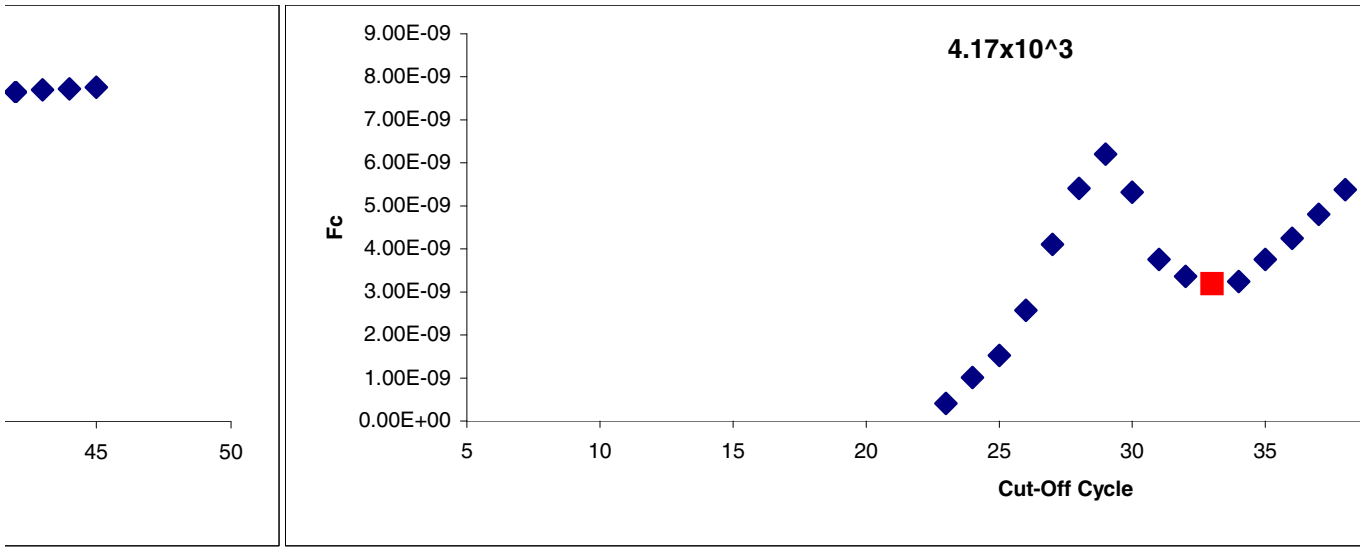


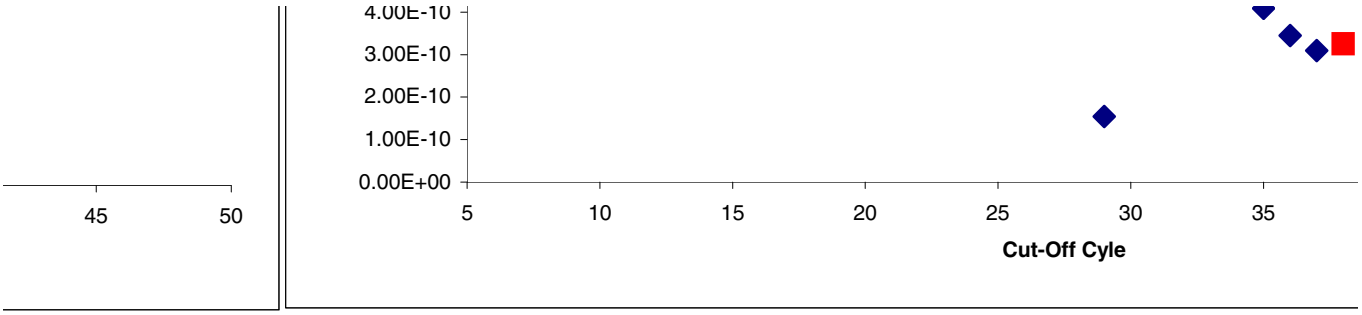

4.00E-07
3.00E-07
2.00E-07
1.00E-07
0.00E+00
5
10
15
20
25
30
35
40
45
Cut-Off Cycle

equentially excluding plateau
ed by inclusion of all 45 cycles,
he last cycle from the subset
l until failure of the curve fitting,

r pattern for F_0, reaching in
ed square).






4.00E-10
3.00E-10
2.00E-10
1.00E-10
0.00E+00
5
10
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Cut-Off Cyle
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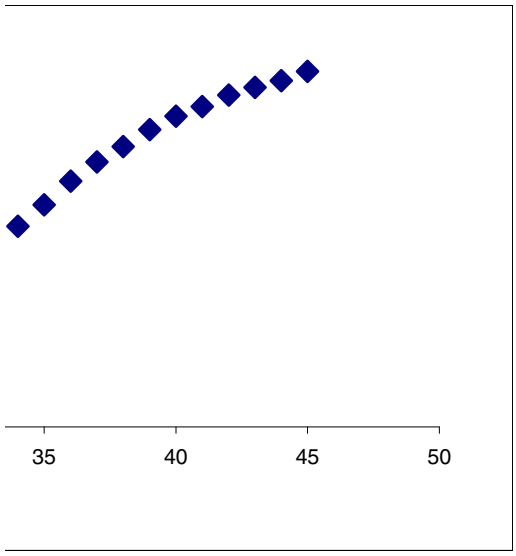
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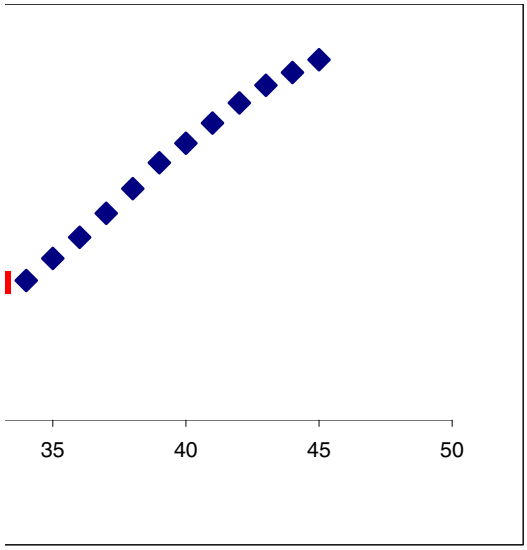
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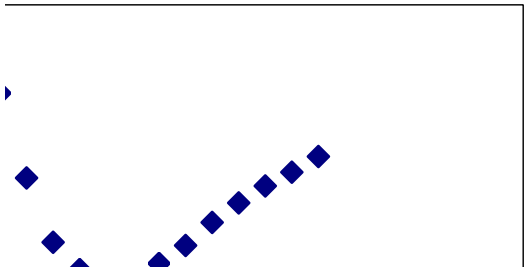

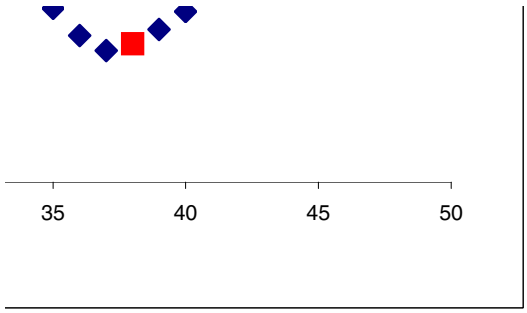
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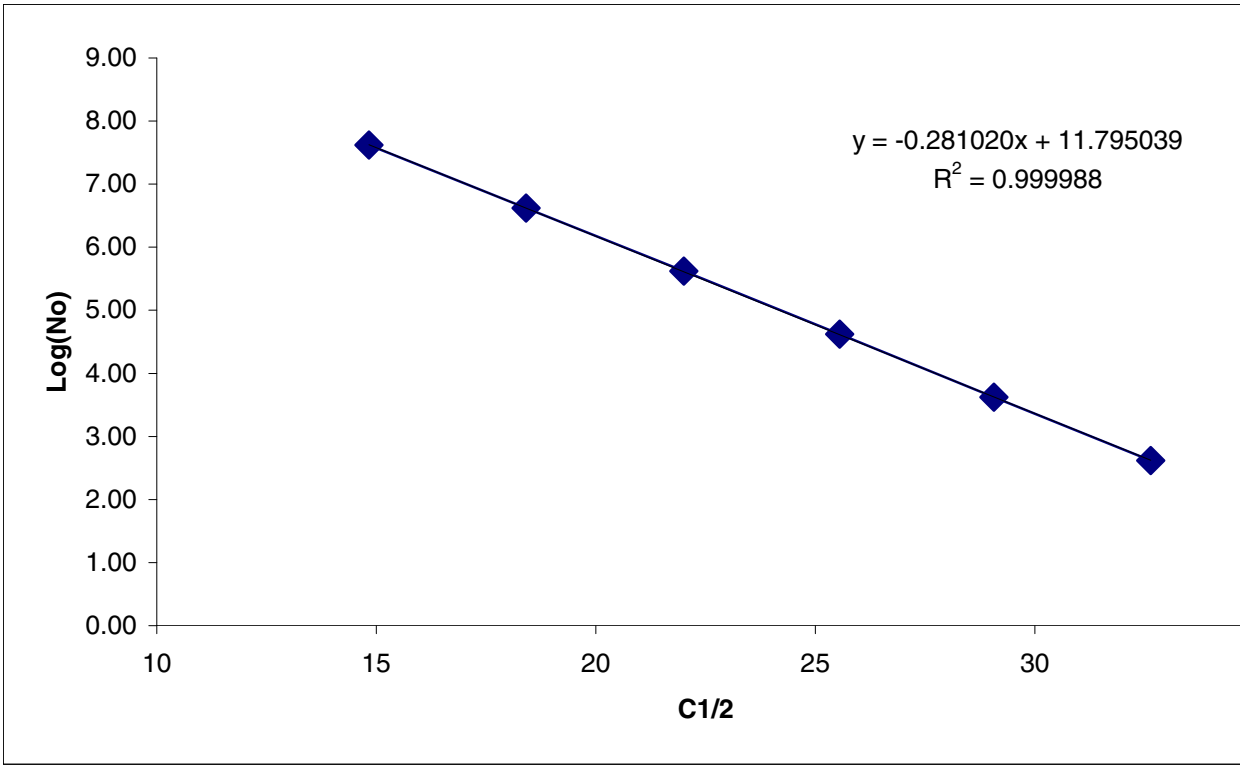
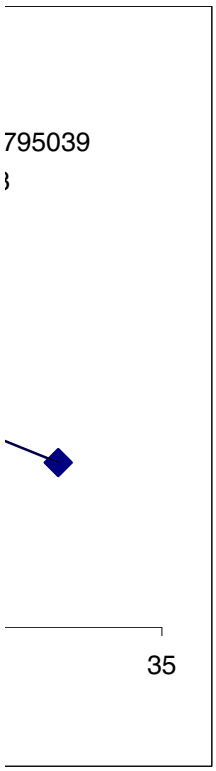


Log(No)	C1/2
7.62	14.833
6.62	18.414
5.62	22.005
4.62	25.553
3.62	29.069
2.62	32.639

r2: 0.999988
C1/2-Es: 90.99%
Nmax (molec): 6.24E+11


795039
35

Amplicon: K1/K2

No: 4.17E+07

K1/K2
Run1-5 Av.

Cycle	Av. Fc	CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
1	0.0000							
2	0.0001							
3	0.0001							
4	0.0002							
5	0.0004							
6	0.0014							
7	0.0023							
8	0.0047							
9	0.0093							
10	0.0178	16.56%	0.999697	0.1401	12.697	1.402	0.0000	1.63E-05
11	0.0319	15.72%	0.999911	0.1298	12.558	1.393	0.0000	1.57E-05
12	0.0560	15.50%	0.999927	0.2629	13.972	1.510	-0.0001	2.52E-05
13	0.0933	15.71%	0.999964	0.3562	14.617	1.564	-0.0002	3.11E-05
14	0.1462	15.68%	0.999980	0.4153	14.975	1.603	-0.0003	3.63E-05
15	0.2085	15.65%	0.999991	0.4097	14.940	1.597	-0.0002	3.55E-05
16	0.2686	15.32%	0.999993	0.4015	14.880	1.584	-0.0002	3.34E-05
17	0.3165	15.20%	0.999994	0.3976	14.848	1.574	-0.0001	3.19E-05
18	0.3492	15.38%	0.999995	0.3959	14.833	1.568	-0.0001	3.09E-05
19	0.3723	15.13%	0.999989	0.3986	14.858	1.580	-0.0002	3.29E-05
20	0.3882	15.67%	0.999966	0.4022	14.892	1.600	-0.0004	3.66E-05
21	0.3988	15.49%	0.999934	0.4055	14.924	1.621	-0.0006	4.08E-05
22	0.4062	15.52%	0.999896	0.4084	14.952	1.642	-0.0008	4.53E-05
23	0.4118	15.11%	0.999851	0.4110	14.978	1.662	-0.0010	5.02E-05
24	0.4145	15.31%	0.999821	0.4129	14.996	1.678	-0.0012	5.42E-05
25	0.4185	15.41%	0.999773	0.4148	15.015	1.695	-0.0014	5.90E-05
26	0.4204	15.13%	0.999732	0.4165	15.031	1.710	-0.0015	6.34E-05
27	0.4208	15.03%	0.999711	0.4176	15.042	1.721	-0.0017	6.68E-05
28	0.4226	15.18%	0.999684	0.4188	15.053	1.732	-0.0018	7.03E-05
29	0.4230	14.94%	0.999665	0.4197	15.062	1.741	-0.0019	7.33E-05
30	0.4224	15.13%	0.999660	0.4203	15.068	1.747	-0.0020	7.54E-05
31	0.4222	15.04%	0.999660	0.4208	15.073	1.752	-0.0021	7.71E-05
32	0.4236	14.84%	0.999652	0.4213	15.078	1.757	-0.0021	7.91E-05
33	0.4242	14.92%	0.999643	0.4218	15.083	1.762	-0.0022	8.10E-05
34	0.4227	14.95%	0.999646	0.4221	15.085	1.765	-0.0022	8.21E-05
35	0.4233	14.83%	0.999647	0.4224	15.088	1.768	-0.0023	8.32E-05
36	0.4236	14.96%	0.999646	0.4226	15.091	1.771	-0.0023	8.43E-05
37	0.4219	15.10%	0.999653	0.4228	15.092	1.772	-0.0023	8.47E-05
38	0.4229	14.74%	0.999656	0.4229	15.094	1.774	-0.0023	8.54E-05
39	0.4237	14.48%	0.999656	0.4231	15.096	1.776	-0.0024	8.62E-05
40	0.4227	14.81%	0.999660	0.4233	15.097	1.778	-0.0024	8.67E-05
41	0.4226	14.64%	0.999664	0.4234	15.098	1.779	-0.0024	8.72E-05
42	0.4219	14.67%	0.999669	0.4234	15.098	1.779	-0.0024	8.74E-05
43	0.4231	14.66%	0.999671	0.4235	15.099	1.781	-0.0024	8.79E-05
44	0.4209	14.63%	0.999675	0.4235	15.099	1.780	-0.0024	8.78E-05
45	0.4216	14.39%	0.999680	0.4235	15.099	1.781	-0.0024	8.79E-05
			0.999995					3.09E-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	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0000	0.0004	0.0004	0.0004	0.0000	0.0001	0.0000	0.0000
3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007
4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	0.0007	0.0004	0.0000	0.0003	0.0002	0.0014	0.0005	0.0000
6	0.0022	0.0012	0.0020	0.0016	0.0019	0.0020	0.0000	0.0015
7	0.0005	0.0036	0.0015	0.0017	0.0006	0.0018	0.0031	0.0023
8	0.0047	0.0053	0.0037	0.0060	0.0053	0.0019	0.0048	0.0036
9	0.0107	0.0128	0.0109	0.0105	0.0094	0.0083	0.0097	0.0075
10	0.0203	0.0248	0.0219	0.0229	0.0179	0.0162	0.0147	0.0144
11	0.0363	0.0454	0.0394	0.0393	0.0294	0.0280	0.0278	0.0277
12	0.0648	0.0758	0.0666	0.0704	0.0527	0.0520	0.0471	0.0461
13	0.1081	0.1284	0.1130	0.1160	0.0883	0.0908	0.0802	0.0764
14	0.1670	0.2001	0.1807	0.1841	0.1368	0.1412	0.1232	0.1224
15	0.2408	0.2873	0.2532	0.2622	0.1931	0.2018	0.1803	0.1772
16	0.3017	0.3637	0.3272	0.3464	0.2554	0.2642	0.2339	0.2347
17	0.3586	0.4292	0.3820	0.4049	0.3063	0.3141	0.2760	0.2792
18	0.3968	0.4734	0.4228	0.4505	0.3339	0.3496	0.3078	0.3089
19	0.4208	0.5033	0.4506	0.4804	0.3577	0.3706	0.3291	0.3316
20	0.4426	0.5311	0.4746	0.5034	0.3703	0.3892	0.3433	0.3489
21	0.4526	0.5391	0.4824	0.5218	0.3894	0.4015	0.3590	0.3591
22	0.4615	0.5511	0.4917	0.5306	0.3907	0.4039	0.3645	0.3654
23	0.4687	0.5548	0.4967	0.5316	0.4017	0.4168	0.3681	0.3702
24	0.4698	0.5596	0.4990	0.5394	0.4036	0.4188	0.3709	0.3720
25	0.4760	0.5632	0.5089	0.5444	0.4080	0.4204	0.3755	0.3762
26	0.4749	0.5664	0.5056	0.5460	0.4053	0.4237	0.3798	0.3791
27	0.4722	0.5649	0.5035	0.5450	0.4043	0.4248	0.3766	0.3803
28	0.4749	0.5684	0.5105	0.5481	0.4117	0.4258	0.3778	0.3812
29	0.4769	0.5669	0.5110	0.5457	0.4103	0.4283	0.3824	0.3830
30	0.4743	0.5704	0.5106	0.5472	0.4068	0.4266	0.3792	0.3826
31	0.4751	0.5680	0.5099	0.5454	0.4095	0.4281	0.3766	0.3826
32	0.4742	0.5658	0.5097	0.5494	0.4122	0.4299	0.3819	0.3867
33	0.4760	0.5677	0.5086	0.5520	0.4087	0.4248	0.3810	0.3856
34	0.4740	0.5712	0.5033	0.5465	0.4073	0.4240	0.3805	0.3816
35	0.4742	0.5661	0.5109	0.5458	0.4111	0.4257	0.3826	0.3851
36	0.4760	0.5647	0.5113	0.5497	0.4137	0.4267	0.3787	0.3857
37	0.4724	0.5673	0.5089	0.5461	0.4106	0.4255	0.3825	0.3805
38	0.4723	0.5646	0.5060	0.5465	0.4090	0.4269	0.3775	0.3792
39	0.4712	0.5630	0.5082	0.5439	0.4118	0.4284	0.3808	0.3843
40	0.4722	0.5661	0.5083	0.5459	0.4090	0.4260	0.3756	0.3862
41	0.4722	0.5631	0.5058	0.5462	0.4083	0.4298	0.3827	0.3848
42	0.4683	0.5661	0.5041	0.5440	0.4090	0.4270	0.3811	0.3848
43	0.4692	0.5654	0.5097	0.5444	0.4108	0.4250	0.3813	0.3821
44	0.4702	0.5611	0.4992	0.5414	0.4130	0.4271	0.3778	0.3830
45	0.4732	0.5560	0.5055	0.5398	0.4135	0.4279	0.3826	0.3823

	Cycle	K1/K2 Run1 Av. Av. Fc						
	1	0.0002						
	2	0.0003						
	3	0.0000						
	4	0.0000						
	5	0.0004						
	6	0.0018						
	7	0.0018						
	8	0.0049						
Eo	9	0.0112	**CV**	**r2**	**Fmax**	**$C_{1/2}$**	**k**	**Fb**
104.09%	10	0.0225	8.38%	0.998136	0.0724	10.884	1.097	0.0001
105.02%	11	0.0401	9.51%	0.999447	0.0917	11.296	1.149	0.0001
93.91%	12	0.0694	7.01%	0.999585	0.1998	12.861	1.365	-0.0001
89.51%	13	0.1164	7.44%	0.999720	0.4105	14.422	1.538	-0.0004
86.63%	14	0.1830	7.43%	0.999874	0.5246	14.995	1.601	-0.0005
87.02%	15	0.2609	7.54%	0.999943	0.5105	14.924	1.590	-0.0005
88.00%	16	0.3348	7.95%	0.999965	0.4944	14.829	1.569	-0.0004
88.74%	17	0.3937	7.70%	0.999977	0.4910	14.807	1.562	-0.0003
89.20%	18	0.4359	7.63%	0.999983	0.4935	14.824	1.569	-0.0004
88.27%	19	0.4638	7.73%	0.999981	0.4967	14.848	1.581	-0.0005
86.79%	20	0.4879	7.79%	0.999907	0.5048	14.910	1.617	-0.0009
85.28%	21	0.4990	7.81%	0.999890	0.5087	14.940	1.637	-0.0011
83.86%	22	0.5087	7.86%	0.999859	0.5123	14.969	1.658	-0.0014
82.50%	23	0.5130	7.40%	0.999849	0.5145	14.986	1.671	-0.0016
81.47%	24	0.5170	7.79%	0.999836	0.5164	15.001	1.684	-0.0018
80.37%	25	0.5231	7.39%	0.999785	0.5189	15.020	1.701	-0.0020
79.45%	26	0.5232	7.82%	0.999768	0.5204	15.032	1.712	-0.0022
78.78%	27	0.5214	7.98%	0.999774	0.5211	15.037	1.717	-0.0022
78.13%	28	0.5255	7.87%	0.999758	0.5222	15.046	1.726	-0.0024
77.60%	29	0.5251	7.53%	0.999753	0.5230	15.052	1.732	-0.0025
77.24%	30	0.5256	8.02%	0.999749	0.5237	15.057	1.737	-0.0025
76.96%	31	0.5246	7.77%	0.999752	0.5241	15.061	1.741	-0.0026
76.65%	32	0.5248	7.84%	0.999755	0.5244	15.063	1.743	-0.0026
76.36%	33	0.5261	7.93%	0.999753	0.5249	15.067	1.747	-0.0027
76.19%	34	0.5238	8.29%	0.999759	0.5250	15.068	1.748	-0.0027
76.02%	35	0.5243	7.71%	0.999763	0.5252	15.069	1.749	-0.0027
75.85%	36	0.5254	7.59%	0.999765	0.5254	15.071	1.751	-0.0028
75.79%	37	0.5237	7.99%	0.999770	0.5255	15.071	1.752	-0.0028
75.69%	38	0.5224	7.92%	0.999774	0.5255	15.071	1.752	-0.0028
75.57%	39	0.5216	7.77%	0.999778	0.5254	15.071	1.751	-0.0028
75.50%	40	0.5231	7.94%	0.999782	0.5254	15.071	1.751	-0.0028
75.44%	41	0.5218	7.84%	0.999785	0.5254	15.071	1.751	-0.0028
75.40%	42	0.5206	8.32%	0.999787	0.5253	15.070	1.750	-0.0027
75.34%	43	0.5222	8.07%	0.999790	0.5252	15.070	1.750	-0.0027
75.35%	44	0.5180	7.92%	0.999784	0.5250	15.068	1.748	-0.0027
75.33%	45	0.5186	7.11%	0.999781	0.5248	15.066	1.747	-0.0027
89.20%				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	0.0001	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	0.0007	0.0000
0.0000	0.0023	0.0000	0.0013	0.0000	0.0000	0.0004	0.0000	0.0000
0.0005	0.0000	0.0002	0.0000	0.0003	0.0012	0.0000	0.0005	0.0009
0.0023	0.0028	0.0007	0.0010	0.0006	0.0021	0.0003	0.0013	0.0008
0.0022	0.0019	0.0037	0.0035	0.0010	0.0022	0.0040	0.0032	0.0011
0.0052	0.0052	0.0062	0.0068	0.0042	0.0039	0.0023	0.0057	0.0032
0.0080	0.0091	0.0097	0.0102	0.0072	0.0086	0.0082	0.0103	0.0087
0.0155	0.0200	0.0182	0.0154	0.0146	0.0169	0.0149	0.0175	0.0179
0.0264	0.0336	0.0312	0.0302	0.0252	0.0295	0.0287	0.0308	0.0326
0.0443	0.0591	0.0571	0.0509	0.0432	0.0527	0.0507	0.0529	0.0578
0.0710	0.0995	0.0949	0.0835	0.0728	0.0892	0.0857	0.0887	0.0949
0.1146	0.1556	0.1462	0.1334	0.1162	0.1372	0.1307	0.1349	0.1494
0.1607	0.2195	0.2156	0.1908	0.1614	0.1958	0.1889	0.1967	0.2120
0.2077	0.2853	0.2776	0.2475	0.2093	0.2493	0.2416	0.2520	0.2688
0.2433	0.3346	0.3296	0.2936	0.2447	0.2913	0.2861	0.2995	0.3125
0.2669	0.3694	0.3623	0.3249	0.2693	0.3206	0.3128	0.3265	0.3447
0.2870	0.3935	0.3884	0.3499	0.2892	0.3433	0.3374	0.3478	0.3643
0.3006	0.4114	0.4076	0.3611	0.2989	0.3566	0.3452	0.3613	0.3778
0.3056	0.4199	0.4187	0.3734	0.3016	0.3692	0.3557	0.3704	0.3874
0.3133	0.4344	0.4237	0.3855	0.3095	0.3713	0.3644	0.3803	0.3927
0.3200	0.4338	0.4266	0.3851	0.3141	0.3776	0.3705	0.3838	0.3988
0.3172	0.4398	0.4346	0.3882	0.3182	0.3799	0.3714	0.3879	0.4009
0.3243	0.4447	0.4392	0.3912	0.3175	0.3773	0.3722	0.3921	0.4055
0.3308	0.4487	0.4421	0.3972	0.3176	0.3843	0.3771	0.3914	0.4056
0.3256	0.4491	0.4464	0.3985	0.3204	0.3869	0.3784	0.3936	0.4095
0.3256	0.4526	0.4437	0.3972	0.3252	0.3852	0.3744	0.3938	0.4126
0.3273	0.4501	0.4468	0.3988	0.3253	0.3908	0.3762	0.3967	0.4093
0.3296	0.4512	0.4446	0.3965	0.3238	0.3898	0.3791	0.3903	0.4104
0.3271	0.4472	0.4431	0.4016	0.3209	0.3950	0.3800	0.3927	0.4061
0.3286	0.4515	0.4435	0.4004	0.3247	0.3914	0.3813	0.3976	0.4094
0.3317	0.4515	0.4489	0.4003	0.3243	0.3943	0.3814	0.3930	0.4081
0.3285	0.4511	0.4430	0.4014	0.3246	0.3871	0.3762	0.3956	0.4122
0.3297	0.4525	0.4476	0.3989	0.3252	0.3891	0.3822	0.3989	0.4072
0.3306	0.4524	0.4481	0.3991	0.3235	0.3855	0.3765	0.3980	0.4107
0.3294	0.4489	0.4442	0.3957	0.3181	0.3882	0.3749	0.3930	0.4085
0.3312	0.4544	0.4418	0.4041	0.3239	0.3933	0.3812	0.3968	0.4100
0.3330	0.4486	0.4494	0.4004	0.3250	0.3905	0.3837	0.3995	0.4098
0.3291	0.4487	0.4462	0.4001	0.3252	0.3916	0.3811	0.3981	0.4058
0.3319	0.4464	0.4483	0.4005	0.3233	0.3869	0.3800	0.3968	0.4062
0.3316	0.4485	0.4458	0.3984	0.3242	0.3900	0.3803	0.3960	0.4068
0.3303	0.4488	0.4430	0.4044	0.3239	0.3898	0.3822	0.3955	0.4121
0.3285	0.4487	0.4471	0.3972	0.3210	0.3853	0.3794	0.3951	0.4074
0.3302	0.4508	0.4484	0.3989	0.3261	0.3855	0.3790	0.3959	0.4109

Cycle	K1/K2 Run2 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0002
4	0.0000
5	0.0005
6	0.0014
7	0.0020
8	0.0039
9	0.0087
10	0.0158
11	0.0282
12	0.0495
13	0.0839
14	0.1309
15	0.1881
16	0.2471
17	0.2939
18	0.3251
19	0.3473
20	0.3629
21	0.3773
22	0.3811
23	0.3892
24	0.3913
25	0.3950
26	0.3970
27	0.3965
28	0.3991
29	0.4010
30	0.3988
31	0.3992
32	0.4027
33	0.4000
34	0.3984
35	0.4011
36	0.4012
37	0.3998
38	0.3982
39	0.4013
40	0.3992
41	0.4014
42	0.4005
43	0.3998
44	0.4002
45	0.4016

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
3.56E-06	148.78%	10.17%	0.998436	0.0498	10.946	1.231
4.95E-06	138.69%	2.81%	0.999462	0.1021	12.328	1.380
1.62E-05	108.01%	6.79%	0.999751	0.2505	14.151	1.536
3.48E-05	91.57%	8.05%	0.999897	0.4227	15.249	1.615
4.50E-05	86.73%	7.28%	0.999956	0.3628	14.900	1.582
4.30E-05	87.52%	6.08%	0.999979	0.3747	14.985	1.595
3.89E-05	89.12%	6.14%	0.999986	0.3868	15.078	1.614
3.76E-05	89.65%	6.51%	0.999986	0.3792	15.013	1.596
3.90E-05	89.10%	6.25%	0.999977	0.3730	14.956	1.574
4.15E-05	88.20%	5.83%	0.999982	0.3739	14.965	1.578
4.99E-05	85.60%	5.79%	0.999966	0.3771	14.996	1.596
5.52E-05	84.21%	5.72%	0.999864	0.3825	15.053	1.633
6.13E-05	82.80%	5.10%	0.999856	0.3847	15.075	1.649
6.56E-05	81.90%	6.16%	0.999785	0.3878	15.108	1.674
6.98E-05	81.09%	6.08%	0.999757	0.3898	15.128	1.692
7.59E-05	80.00%	5.75%	0.999712	0.3917	15.149	1.710
8.01E-05	79.31%	5.44%	0.999674	0.3933	15.165	1.726
8.20E-05	79.01%	5.68%	0.999667	0.3943	15.175	1.735
8.54E-05	78.49%	5.87%	0.999640	0.3954	15.187	1.747
8.79E-05	78.12%	5.58%	0.999603	0.3965	15.199	1.759
9.01E-05	77.81%	5.58%	0.999603	0.3971	15.204	1.765
9.15E-05	77.62%	6.01%	0.999603	0.3976	15.210	1.770
9.27E-05	77.45%	5.59%	0.999572	0.3984	15.218	1.779
9.42E-05	77.25%	5.12%	0.999573	0.3988	15.222	1.783
9.47E-05	77.19%	5.30%	0.999584	0.3989	15.223	1.785
9.53E-05	77.11%	5.20%	0.999579	0.3993	15.227	1.789
9.61E-05	77.00%	5.67%	0.999576	0.3996	15.231	1.795
9.64E-05	76.96%	5.50%	0.999581	0.3998	15.233	1.795
9.63E-05	76.97%	6.03%	0.999590	0.3999	15.233	1.795
9.61E-05	77.01%	5.67%	0.999587	0.4001	15.236	1.798
9.62E-05	76.99%	5.68%	0.999593	0.4002	15.237	1.799
9.60E-05	77.01%	5.53%	0.999591	0.4004	15.239	1.802
9.56E-05	77.07%	5.39%	0.999593	0.4006	15.240	1.803
9.55E-05	77.07%	5.43%	0.999598	0.4007	15.241	1.804
9.47E-05	77.18%	5.92%	0.999601	0.4008	15.242	1.805
9.41E-05	77.26%	5.69%	0.999599	0.4009	15.244	1.807
3.76E-05	89.65%		0.999986			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0001	0.0000	0.0007
0.0000	0.0000	0.0000
0.0000	0.0001	0.0001
0.0013	0.0012	0.0005
0.0027	0.0028	0.0025
0.0046	0.0064	0.0048
0.0095	0.0100	0.0075
0.0177	0.0193	0.0154
0.0343	0.0330	0.0299
0.0611	0.0602	0.0539
0.0995	0.0974	0.0877
0.1577	0.1515	0.1401
0.2219	0.2131	0.1969
0.2807	0.2759	0.2492
0.3340	0.3180	0.2929
0.3655	0.3509	0.3258
0.3863	0.3726	0.3417
0.3994	0.3872	0.3532
0.4101	0.3940	0.3649
0.4196	0.4016	0.3682
0.4282	0.4089	0.3792
0.4262	0.4151	0.3784
0.4310	0.4175	0.3844
0.4299	0.4182	0.3851
0.4331	0.4189	0.3833
0.4345	0.4197	0.3883
0.4298	0.4184	0.3868
0.4354	0.4133	0.3864
0.4333	0.4153	0.3871
0.4307	0.4189	0.3844
0.4364	0.4199	0.3903
0.4356	0.4201	0.3900
0.4336	0.4168	0.3828
0.4317	0.4209	0.3886
0.4346	0.4211	0.3866
0.4327	0.4214	0.3850
0.4345	0.4196	0.3874
0.4314	0.4238	0.3838
0.4311	0.4194	0.3890
0.4328	0.4171	0.3821
0.4336	0.4231	0.3874
0.4324	0.4194	0.3831
0.4278	0.4133	0.3838

Fb	Fo	Eo	Cycle	K1/K2 Run3 Av. Av. Fc	CV	r2	Fmax	$C_{1/2}$
			1	0.0000				
			2	0.0000				
			3	0.0002				
			4	0.0009				
			5	0.0002				
			6	0.0017				
			7	0.0028				
			8	0.0059				
0.0000	6.84E-06	125.34%	9	0.0093	12.92%	0.996127	1.1742	17.216
0.0000	1.35E-05	106.37%	10	0.0173	9.87%	0.998806	0.7745	16.473
-0.0001	2.50E-05	91.72%	11	0.0304	12.65%	0.999622	0.7787	16.485
-0.0002	3.35E-05	85.75%	12	0.0529	14.60%	0.999858	0.4121	15.172
-0.0002	2.94E-05	88.18%	13	0.0872	12.91%	0.999944	0.4604	15.431
-0.0002	3.11E-05	87.22%	14	0.1375	13.80%	0.999964	0.4073	15.110
-0.0003	3.40E-05	85.78%	15	0.1967	13.84%	0.999973	0.3888	14.973
-0.0002	3.11E-05	87.14%	16	0.2545	14.04%	0.999975	0.3799	14.897
0.0000	2.78E-05	88.77%	17	0.3003	14.18%	0.999975	0.3756	14.857
-0.0001	2.85E-05	88.44%	18	0.3309	13.86%	0.999965	0.3796	14.897
-0.0002	3.13E-05	87.11%	19	0.3547	13.97%	0.999941	0.3836	14.936
-0.0005	3.79E-05	84.50%	20	0.3702	14.17%	0.999925	0.3862	14.963
-0.0007	4.11E-05	83.41%	21	0.3794	14.08%	0.999851	0.3900	15.001
-0.0010	4.68E-05	81.70%	22	0.3892	13.34%	0.999838	0.3918	15.020
-0.0011	5.10E-05	80.58%	23	0.3914	14.38%	0.999818	0.3935	15.037
-0.0013	5.57E-05	79.45%	24	0.3950	13.96%	0.999757	0.3955	15.058
-0.0015	6.00E-05	78.50%	25	0.3999	13.42%	0.999649	0.3979	15.082
-0.0016	6.28E-05	77.92%	26	0.4047	14.26%	0.999594	0.3995	15.099
-0.0017	6.63E-05	77.24%	27	0.4049	14.35%	0.999569	0.4007	15.111
-0.0019	7.00E-05	76.57%	28	0.4048	14.13%	0.999546	0.4017	15.121
-0.0019	7.20E-05	76.22%	29	0.4058	13.85%	0.999537	0.4024	15.129
-0.0020	7.37E-05	75.92%	30	0.4055	13.77%	0.999540	0.4029	15.134
-0.0021	7.67E-05	75.44%	31	0.4048	13.86%	0.999535	0.4034	15.139
-0.0022	7.81E-05	75.21%	32	0.4060	13.75%	0.999513	0.4041	15.146
-0.0022	7.88E-05	75.11%	33	0.4081	13.81%	0.999515	0.4045	15.150
-0.0022	8.03E-05	74.88%	34	0.4060	14.01%	0.999510	0.4049	15.154
-0.0023	8.24E-05	74.56%	35	0.4072	13.92%	0.999505	0.4053	15.158
-0.0023	8.24E-05	74.56%	36	0.4076	13.74%	0.999515	0.4054	15.159
-0.0023	8.26E-05	74.53%	37	0.4046	13.58%	0.999509	0.4057	15.162
-0.0023	8.36E-05	74.38%	38	0.4079	13.46%	0.999504	0.4060	15.165
-0.0024	8.40E-05	74.32%	39	0.4079	13.78%	0.999510	0.4061	15.167
-0.0024	8.49E-05	74.19%	40	0.4060	13.42%	0.999513	0.4063	15.168
-0.0024	8.55E-05	74.11%	41	0.4068	13.48%	0.999518	0.4064	15.170
-0.0024	8.59E-05	74.05%	42	0.4061	13.42%	0.999521	0.4066	15.171
-0.0024	8.63E-05	73.99%	43	0.4066	13.95%	0.999527	0.4066	15.172
-0.0024	8.70E-05	73.89%	44	0.4054	13.89%	0.999528	0.4068	15.173
	2.78E-05	88.77%	45	0.4071		0.999975		

k	Fb	Fo	Eo
1.717	-0.0001	5.19E-05	79.03%
1.713	-0.0001	5.15E-05	79.29%
1.714	-0.0001	5.17E-05	79.23%
1.653	0.0000	4.25E-05	83.12%
1.676	-0.0001	4.63E-05	81.57%
1.633	0.0000	3.89E-05	84.51%
1.603	0.0001	3.42E-05	86.57%
1.581	0.0003	3.06E-05	88.26%
1.565	0.0004	2.82E-05	89.47%
1.584	0.0002	3.13E-05	87.99%
1.607	0.0000	3.52E-05	86.32%
1.624	-0.0001	3.86E-05	85.07%
1.653	-0.0004	4.46E-05	83.13%
1.667	-0.0006	4.80E-05	82.15%
1.682	-0.0007	5.15E-05	81.21%
1.701	-0.0009	5.65E-05	80.01%
1.724	-0.0012	6.30E-05	78.63%
1.740	-0.0014	6.80E-05	77.65%
1.752	-0.0015	7.19E-05	76.96%
1.762	-0.0016	7.54E-05	76.36%
1.770	-0.0017	7.82E-05	75.91%
1.776	-0.0018	8.01E-05	75.61%
1.782	-0.0019	8.22E-05	75.28%
1.789	-0.0020	8.50E-05	74.88%
1.793	-0.0020	8.65E-05	74.66%
1.797	-0.0021	8.82E-05	74.42%
1.802	-0.0021	8.99E-05	74.18%
1.803	-0.0021	9.04E-05	74.12%
1.807	-0.0022	9.19E-05	73.92%
1.810	-0.0022	9.32E-05	73.75%
1.812	-0.0022	9.39E-05	73.66%
1.813	-0.0023	9.47E-05	73.56%
1.815	-0.0023	9.52E-05	73.49%
1.816	-0.0023	9.59E-05	73.40%
1.817	-0.0023	9.61E-05	73.37%
1.819	-0.0023	9.68E-05	73.28%
		2.82E-05	89.47%

K1/K2 Run4 Av.

Cycle	Av. Fc	CV	r2	Fmax
1	0.0000			
2	0.0000			
3	0.0002			
4	0.0001			
5	0.0005			
6	0.0011			
7	0.0026			
8	0.0040			
9	0.0086			
10	0.0160	9.02%	0.998732	0.2048
11	0.0286	8.39%	0.999621	0.1377
12	0.0499	9.14%	0.999855	0.2591
13	0.0841	9.14%	0.999937	0.3954
14	0.1298	7.26%	0.999969	0.3373
15	0.1857	8.92%	0.999979	0.3656
16	0.2381	8.26%	0.999983	0.3534
17	0.2804	8.71%	0.999989	0.3514
18	0.3073	8.44%	0.999984	0.3472
19	0.3294	8.24%	0.999963	0.3516
20	0.3405	8.38%	0.999964	0.3532
21	0.3492	9.29%	0.999950	0.3552
22	0.3564	8.96%	0.999908	0.3577
23	0.3615	8.87%	0.999851	0.3601
24	0.3644	8.64%	0.999808	0.3620
25	0.3648	8.94%	0.999795	0.3631
26	0.3676	9.21%	0.999763	0.3644
27	0.3698	9.07%	0.999718	0.3657
28	0.3697	8.30%	0.999697	0.3665
29	0.3723	8.72%	0.999651	0.3676
30	0.3708	8.56%	0.999641	0.3682
31	0.3722	9.35%	0.999620	0.3689
32	0.3738	8.93%	0.999587	0.3696
33	0.3733	8.88%	0.999569	0.3701
34	0.3709	8.59%	0.999575	0.3704
35	0.3739	8.87%	0.999558	0.3708
36	0.3709	8.84%	0.999565	0.3710
37	0.3686	9.36%	0.999574	0.3709
38	0.3738	9.08%	0.999562	0.3713
39	0.3747	9.01%	0.999544	0.3716
40	0.3740	8.90%	0.999534	0.3719
41	0.3718	8.88%	0.999539	0.3720
42	0.3726	8.84%	0.999540	0.3722
43	0.3729	8.87%	0.999540	0.3723
44	0.3702	9.03%	0.999547	0.3723
45	0.3716	8.38%	0.999551	0.3724
			0.999989	

C1/2	k	Fb	Fo	Eo
13.662	1.485	-0.0001	2.08E-05	96.04%
12.942	1.451	0.0000	1.84E-05	99.22%
14.210	1.544	-0.0001	2.60E-05	91.12%
15.102	1.609	-0.0002	3.31E-05	86.18%
14.735	1.571	-0.0001	2.85E-05	88.96%
14.948	1.605	-0.0002	3.30E-05	86.43%
14.847	1.583	-0.0001	2.98E-05	88.09%
14.828	1.577	-0.0001	2.90E-05	88.51%
14.786	1.560	0.0000	2.66E-05	89.82%
14.833	1.583	-0.0002	3.00E-05	88.04%
14.849	1.593	-0.0002	3.16E-05	87.33%
14.872	1.608	-0.0004	3.42E-05	86.24%
14.899	1.628	-0.0005	3.80E-05	84.79%
14.926	1.650	-0.0007	4.24E-05	83.33%
14.947	1.668	-0.0009	4.64E-05	82.14%
14.959	1.679	-0.0010	4.90E-05	81.41%
14.973	1.692	-0.0012	5.22E-05	80.58%
14.987	1.705	-0.0013	5.58E-05	79.74%
14.996	1.715	-0.0014	5.84E-05	79.14%
15.008	1.727	-0.0015	6.17E-05	78.44%
15.015	1.734	-0.0016	6.38E-05	78.02%
15.022	1.741	-0.0017	6.61E-05	77.57%
15.029	1.750	-0.0018	6.87E-05	77.09%
15.035	1.756	-0.0019	7.07E-05	76.72%
15.038	1.759	-0.0019	7.16E-05	76.56%
15.043	1.764	-0.0020	7.34E-05	76.25%
15.045	1.766	-0.0020	7.41E-05	76.14%
15.045	1.766	-0.0020	7.40E-05	76.16%
15.048	1.770	-0.0020	7.53E-05	75.93%
15.052	1.774	-0.0021	7.68E-05	75.69%
15.055	1.777	-0.0021	7.80E-05	75.51%
15.056	1.779	-0.0021	7.85E-05	75.43%
15.058	1.781	-0.0021	7.91E-05	75.32%
15.060	1.783	-0.0022	7.98E-05	75.22%
15.060	1.783	-0.0022	7.98E-05	75.22%
15.061	1.784	-0.0022	8.01E-05	75.17%
			2.66E-05	89.82%

K1/K2 Run5 Av.

Cycle	Av. Fc	CV	r2
1	0.0000		
2	0.0000		
3	0.0002		
4	0.0000		
5	0.0003		
6	0.0010		
7	0.0023		
8	0.0048		
9	0.0089		
10	0.0176	9.19%	0.999397
11	0.0325	5.70%	0.999831
12	0.0583	5.52%	0.999937
13	0.0949	5.42%	0.999971
14	0.1497	4.87%	0.999890
15	0.2110	4.92%	0.999948
16	0.2687	5.16%	0.999970
17	0.3144	5.40%	0.999981
18	0.3467	4.74%	0.999984
19	0.3662	5.11%	0.999987
20	0.3794	5.16%	0.999983
21	0.3891	4.82%	0.999961
22	0.3955	5.41%	0.999930
23	0.4038	5.06%	0.999827
24	0.4052	5.09%	0.999787
25	0.4096	4.83%	0.999716
26	0.4097	4.68%	0.999687
27	0.4112	5.10%	0.999659
28	0.4138	4.66%	0.999613
29	0.4111	4.43%	0.999615
30	0.4114	4.87%	0.999617
31	0.4105	4.69%	0.999626
32	0.4109	4.79%	0.999632
33	0.4137	4.70%	0.999621
34	0.4145	4.58%	0.999606
35	0.4101	5.17%	0.999616
36	0.4130	4.45%	0.999615
37	0.4127	4.94%	0.999617
38	0.4123	4.95%	0.999620
39	0.4128	4.79%	0.999622
40	0.4112	5.15%	0.999628
41	0.4114	4.39%	0.999633
42	0.4097	5.19%	0.999638
43	0.4141	4.79%	0.999634
44	0.4106	5.11%	0.999639
45	0.4090	4.49%	0.999642
			0.999987

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	Cycle	K1/K2 Run1 Rep1	r2
						1	0.0000	
						2	0.0000	
						3	0.0000	
						4	0.0000	
						5	0.0007	
						6	0.0022	
						7	0.0005	
						8	0.0047	
0.2118	13.431	1.432	-0.0001	1.79E-05	101.04%	9	0.0107	r2
0.1893	13.236	1.423	-0.0001	1.73E-05	101.88%	10	0.0203	0.989898
0.3228	14.246	1.488	-0.0002	2.24E-05	95.86%	11	0.0363	0.996614
0.2601	13.799	1.447	-0.0001	1.87E-05	99.60%	12	0.0648	0.998609
0.4105	14.878	1.586	-0.0004	3.47E-05	87.81%	13	0.1081	0.999506
0.3942	14.772	1.570	-0.0003	3.22E-05	89.09%	14	0.1670	0.999800
0.3874	14.721	1.558	-0.0003	3.05E-05	90.03%	15	0.2408	0.999876
0.3875	14.722	1.558	-0.0003	3.05E-05	90.00%	16	0.3017	0.999859
0.3901	14.745	1.568	-0.0004	3.21E-05	89.25%	17	0.3586	0.999882
0.3909	14.752	1.571	-0.0004	3.27E-05	88.98%	18	0.3968	0.999910
0.3926	14.769	1.581	-0.0005	3.44E-05	88.23%	19	0.4208	0.999930
0.3951	14.793	1.597	-0.0006	3.75E-05	87.02%	20	0.4426	0.999876
0.3974	14.816	1.614	-0.0008	4.10E-05	85.79%	21	0.4526	0.999868
0.4007	14.849	1.641	-0.0011	4.71E-05	83.92%	22	0.4615	0.999841
0.4027	14.869	1.658	-0.0013	5.14E-05	82.76%	23	0.4687	0.999793
0.4049	14.890	1.678	-0.0015	5.67E-05	81.47%	24	0.4698	0.999788
0.4064	14.904	1.691	-0.0017	6.05E-05	80.62%	25	0.4760	0.999738
0.4076	14.916	1.703	-0.0018	6.41E-05	79.87%	26	0.4749	0.999733
0.4089	14.929	1.716	-0.0020	6.82E-05	79.07%	27	0.4722	0.999748
0.4095	14.935	1.722	-0.0020	7.02E-05	78.70%	28	0.4749	0.999752
0.4100	14.940	1.727	-0.0021	7.19E-05	78.39%	29	0.4769	0.999746
0.4103	14.943	1.731	-0.0021	7.29E-05	78.21%	30	0.4743	0.999755
0.4106	14.946	1.734	-0.0022	7.39E-05	78.03%	31	0.4751	0.999761
0.4111	14.951	1.739	-0.0022	7.58E-05	77.72%	32	0.4742	0.999768
0.4116	14.956	1.744	-0.0023	7.77E-05	77.40%	33	0.4760	0.999770
0.4117	14.957	1.745	-0.0023	7.79E-05	77.36%	34	0.4740	0.999777
0.4120	14.959	1.748	-0.0023	7.90E-05	77.19%	35	0.4742	0.999782
0.4122	14.962	1.750	-0.0024	7.99E-05	77.05%	36	0.4760	0.999784
0.4124	14.963	1.752	-0.0024	8.06E-05	76.95%	37	0.4724	0.999788
0.4125	14.965	1.754	-0.0024	8.13E-05	76.83%	38	0.4723	0.999791
0.4126	14.966	1.755	-0.0024	8.16E-05	76.79%	39	0.4712	0.999792
0.4127	14.966	1.756	-0.0024	8.19E-05	76.74%	40	0.4722	0.999795
0.4127	14.966	1.755	-0.0024	8.17E-05	76.76%	41	0.4722	0.999798
0.4129	14.968	1.757	-0.0025	8.26E-05	76.64%	42	0.4683	0.999787
0.4129	14.968	1.758	-0.0025	8.26E-05	76.63%	43	0.4692	0.999783
0.4128	14.968	1.757	-0.0025	8.23E-05	76.67%	44	0.4702	0.999782
				3.05E-05	90.03%	45	0.4732	0.999784
								0.999930

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0352	9.751	0.877	0.0002	5.23E-07	212.72%
0.0815	11.259	1.156	0.0000	4.81E-06	137.44%
0.2573	13.561	1.436	-0.0002	2.04E-05	100.61%
0.3604	14.270	1.504	-0.0003	2.73E-05	94.41%
0.4077	14.558	1.540	-0.0004	3.19E-05	91.46%
0.4826	15.003	1.612	-0.0006	4.37E-05	85.98%
0.4286	14.653	1.532	-0.0002	3.01E-05	92.05%
0.4450	14.776	1.572	-0.0005	3.68E-05	88.92%
0.4500	14.815	1.588	-0.0006	3.99E-05	87.72%
0.4517	14.829	1.595	-0.0007	4.13E-05	87.22%
0.4585	14.887	1.628	-0.0010	4.89E-05	84.83%
0.4618	14.915	1.647	-0.0012	5.37E-05	83.55%
0.4651	14.944	1.667	-0.0014	5.94E-05	82.19%
0.4683	14.972	1.689	-0.0017	6.62E-05	80.76%
0.4700	14.986	1.701	-0.0019	7.01E-05	80.00%
0.4723	15.006	1.719	-0.0021	7.64E-05	78.89%
0.4735	15.017	1.729	-0.0022	7.99E-05	78.32%
0.4737	15.019	1.731	-0.0023	8.07E-05	78.19%
0.4743	15.024	1.736	-0.0023	8.27E-05	77.89%
0.4751	15.030	1.742	-0.0024	8.51E-05	77.52%
0.4753	15.032	1.744	-0.0024	8.59E-05	77.41%
0.4756	15.035	1.746	-0.0025	8.68E-05	77.27%
0.4757	15.036	1.748	-0.0025	8.72E-05	77.21%
0.4760	15.038	1.750	-0.0025	8.82E-05	77.07%
0.4760	15.038	1.750	-0.0025	8.84E-05	77.04%
0.4761	15.039	1.751	-0.0025	8.86E-05	77.01%
0.4763	15.041	1.753	-0.0026	8.93E-05	76.91%
0.4762	15.040	1.752	-0.0025	8.90E-05	76.96%
0.4761	15.039	1.751	-0.0025	8.86E-05	77.00%
0.4759	15.038	1.750	-0.0025	8.81E-05	77.08%
0.4758	15.037	1.749	-0.0025	8.78E-05	77.12%
0.4758	15.036	1.748	-0.0025	8.76E-05	77.15%
0.4755	15.034	1.746	-0.0025	8.66E-05	77.30%
0.4753	15.032	1.744	-0.0024	8.59E-05	77.40%
0.4752	15.031	1.743	-0.0024	8.54E-05	77.47%
0.4752	15.031	1.743	-0.0024	8.55E-05	77.46%
				3.01E-05	92.05%

Cycle	K1/K2 Run1 Rep2	r2
1	0.0000	
2	0.0004	
3	0.0000	
4	0.0000	
5	0.0004	
6	0.0012	
7	0.0036	
8	0.0053	
9	0.0128	
10	0.0248	0.997518
11	0.0454	0.999298
12	0.0758	0.999753
13	0.1284	0.999604
14	0.2001	0.999846
15	0.2873	0.999931
16	0.3637	0.999910
17	0.4292	0.999943
18	0.4734	0.999959
19	0.5033	0.999963
20	0.5311	0.999864
21	0.5391	0.999875
22	0.5511	0.999847
23	0.5548	0.999844
24	0.5596	0.999831
25	0.5632	0.999813
26	0.5664	0.999786
27	0.5649	0.999786
28	0.5684	0.999769
29	0.5669	0.999768
30	0.5704	0.999750
31	0.5680	0.999751
32	0.5658	0.999758
33	0.5677	0.999761
34	0.5712	0.999749
35	0.5661	0.999755
36	0.5647	0.999761
37	0.5673	0.999765
38	0.5646	0.999769
39	0.5630	0.999772
40	0.5661	0.999775
41	0.5631	0.999778
42	0.5661	0.999781
43	0.5654	0.999784
44	0.5611	0.999781
45	0.5560	0.999754
		0.999963

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1253	11.756	1.256	0.0000	1.08E-05	121.65%
0.1521	12.098	1.285	0.0000	1.24E-05	117.69%
0.1878	12.520	1.337	-0.0001	1.61E-05	111.28%
0.5383	14.856	1.602	-0.0005	5.07E-05	86.64%
0.5760	15.014	1.618	-0.0006	5.39E-05	85.49%
0.5880	15.068	1.626	-0.0006	5.57E-05	84.93%
0.5287	14.754	1.557	-0.0002	4.05E-05	90.07%
0.5334	14.783	1.566	-0.0003	4.24E-05	89.37%
0.5349	14.792	1.570	-0.0003	4.33E-05	89.06%
0.5382	14.816	1.582	-0.0004	4.60E-05	88.18%
0.5484	14.888	1.623	-0.0009	5.71E-05	85.14%
0.5508	14.905	1.635	-0.0011	6.04E-05	84.35%
0.5547	14.933	1.655	-0.0014	6.69E-05	82.97%
0.5568	14.948	1.667	-0.0016	7.10E-05	82.18%
0.5588	14.962	1.679	-0.0017	7.55E-05	81.38%
0.5607	14.976	1.691	-0.0019	8.01E-05	80.60%
0.5625	14.989	1.704	-0.0021	8.49E-05	79.85%
0.5634	14.995	1.710	-0.0022	8.75E-05	79.46%
0.5646	15.004	1.718	-0.0024	9.12E-05	78.94%
0.5653	15.009	1.723	-0.0024	9.33E-05	78.64%
0.5663	15.016	1.731	-0.0026	9.65E-05	78.21%
0.5668	15.019	1.734	-0.0026	9.82E-05	77.99%
0.5669	15.021	1.736	-0.0026	9.88E-05	77.91%
0.5673	15.023	1.738	-0.0027	1.00E-04	77.76%
0.5679	15.027	1.742	-0.0028	1.02E-04	77.50%
0.5680	15.028	1.743	-0.0028	1.02E-04	77.47%
0.5679	15.028	1.743	-0.0028	1.02E-04	77.48%
0.5681	15.029	1.744	-0.0028	1.03E-04	77.41%
0.5680	15.028	1.744	-0.0028	1.03E-04	77.43%
0.5679	15.027	1.743	-0.0028	1.02E-04	77.50%
0.5679	15.028	1.743	-0.0028	1.02E-04	77.47%
0.5678	15.027	1.742	-0.0028	1.02E-04	77.52%
0.5679	15.027	1.743	-0.0028	1.02E-04	77.50%
0.5679	15.028	1.743	-0.0028	1.02E-04	77.49%
0.5677	15.026	1.741	-0.0027	1.01E-04	77.58%
0.5673	15.023	1.738	-0.0027	9.99E-05	77.77%
				4.05E-05	90.07%

K1/K2
Run1
Rep3

Cycle		r2
1	0.0006	
2	0.0004	
3	0.0000	
4	0.0000	
5	0.0000	
6	0.0020	
7	0.0015	
8	0.0037	
9	0.0109	
10	0.0219	0.994656
11	0.0394	0.998207
12	0.0666	0.999024
13	0.1130	0.999208
14	0.1807	0.999666
15	0.2532	0.999790
16	0.3272	0.999882
17	0.3820	0.999922
18	0.4228	0.999941
19	0.4506	0.999938
20	0.4746	0.999845
21	0.4824	0.999855
22	0.4917	0.999840
23	0.4967	0.999829
24	0.4990	0.999828
25	0.5089	0.999730
26	0.5056	0.999725
27	0.5035	0.999737
28	0.5105	0.999702
29	0.5110	0.999678
30	0.5106	0.999666
31	0.5099	0.999665
32	0.5097	0.999666
33	0.5086	0.999672
34	0.5033	0.999677
35	0.5109	0.999673
36	0.5113	0.999668
37	0.5089	0.999672
38	0.5060	0.999679
39	0.5082	0.999684
40	0.5083	0.999689
41	0.5058	0.999693
42	0.5041	0.999695
43	0.5097	0.999695
44	0.4992	0.999672
45	0.5055	0.999676
		0.999941

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0376	9.766	0.795	0.0004	1.74E-07	251.81%
0.0738	10.878	1.016	0.0002	1.66E-06	167.51%
0.1441	12.195	1.247	0.0000	8.16E-06	122.97%
0.4013	14.437	1.536	-0.0004	3.33E-05	91.73%
0.5912	15.330	1.627	-0.0006	4.79E-05	84.88%
0.4639	14.708	1.536	-0.00027	3.23E-05	91.72%
0.4793	14.804	1.559	-0.00039	3.60E-05	89.94%
0.4720	14.754	1.543	-0.00028	3.32E-05	91.17%
0.4759	14.783	1.555	-0.00038	3.53E-05	90.24%
0.4810	14.822	1.574	-0.00057	3.92E-05	88.73%
0.4901	14.894	1.616	-0.0010	4.86E-05	85.68%
0.4926	14.914	1.629	-0.0012	5.21E-05	84.74%
0.4956	14.938	1.647	-0.0014	5.69E-05	83.54%
0.4978	14.956	1.661	-0.0016	6.11E-05	82.58%
0.4993	14.968	1.671	-0.0017	6.42E-05	81.93%
0.5024	14.993	1.693	-0.0020	7.17E-05	80.50%
0.5036	15.003	1.703	-0.0021	7.51E-05	79.90%
0.5041	15.007	1.706	-0.0022	7.63E-05	79.69%
0.5055	15.018	1.717	-0.0024	8.05E-05	79.00%
0.5067	15.027	1.727	-0.0025	8.41E-05	78.44%
0.5075	15.034	1.733	-0.0026	8.69E-05	78.04%
0.5081	15.039	1.738	-0.0027	8.88E-05	77.75%
0.5085	15.042	1.742	-0.0027	9.04E-05	77.52%
0.5088	15.045	1.744	-0.0028	9.14E-05	77.39%
0.5086	15.043	1.742	-0.0027	9.05E-05	77.51%
0.5090	15.046	1.746	-0.0028	9.20E-05	77.30%
0.5094	15.049	1.749	-0.0028	9.35E-05	77.11%
0.5096	15.050	1.751	-0.0029	9.41E-05	77.03%
0.5095	15.050	1.750	-0.0028	9.39E-05	77.05%
0.5096	15.051	1.751	-0.0029	9.43E-05	77.00%
0.5097	15.052	1.752	-0.0029	9.46E-05	76.95%
0.5096	15.051	1.751	-0.0029	9.44E-05	76.98%
0.5095	15.050	1.750	-0.0028	9.39E-05	77.06%
0.5097	15.051	1.752	-0.0029	9.45E-05	76.98%
0.5093	15.048	1.748	-0.0028	9.31E-05	77.16%
0.5092	15.048	1.748	-0.0028	9.29E-05	77.19%
				3.23E-05	91.72%

Cycle	K1/K2 Run1 Rep4	r2
1	0.0000	
2	0.0004	
3	0.0000	
4	0.0000	
5	0.0003	
6	0.0016	
7	0.0017	
8	0.0060	
9	0.0105	
10	0.0229	0.996183
11	0.0393	0.998589
12	0.0704	0.999119
13	0.1160	0.999688
14	0.1841	0.999822
15	0.2622	0.999915
16	0.3464	0.999940
17	0.4049	0.999898
18	0.4505	0.999929
19	0.4804	0.999943
20	0.5034	0.999913
21	0.5218	0.999824
22	0.5306	0.999785
23	0.5316	0.999801
24	0.5394	0.999778
25	0.5444	0.999737
26	0.5460	0.999713
27	0.5450	0.999713
28	0.5481	0.999698
29	0.5457	0.999705
30	0.5472	0.999706
31	0.5454	0.999715
32	0.5494	0.999707
33	0.5520	0.999685
34	0.5465	0.999692
35	0.5458	0.999700
36	0.5497	0.999697
37	0.5461	0.999704
38	0.5465	0.999709
39	0.5439	0.999714
40	0.5459	0.999719
41	0.5462	0.999724
42	0.5440	0.999727
43	0.5444	0.999731
44	0.5414	0.999729
45	0.5398	0.999722
		0.999943

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
1.0774	15.113	1.334	0.0000	1.30E-05	111.60%
0.0845	11.163	1.148	0.0001	5.07E-06	138.90%
0.3013	13.737	1.464	-0.0002	2.54E-05	97.95%
0.3646	14.141	1.503	-0.0003	2.99E-05	94.52%
0.5522	15.114	1.614	-0.0005	4.75E-05	85.77%
0.5136	14.926	1.587	-0.0005	4.22E-05	87.80%
0.5484	15.120	1.628	-0.0007	5.08E-05	84.82%
0.5136	14.906	1.566	-0.0002	3.77E-05	89.38%
0.5130	14.902	1.565	-0.0002	3.74E-05	89.48%
0.5158	14.922	1.574	-0.0003	3.94E-05	88.75%
0.5219	14.967	1.600	-0.0006	4.52E-05	86.82%
0.5294	15.022	1.636	-0.0011	5.45E-05	84.26%
0.5339	15.057	1.661	-0.0014	6.17E-05	82.58%
0.5353	15.067	1.669	-0.0015	6.42E-05	82.06%
0.5377	15.085	1.685	-0.0017	6.94E-05	81.04%
0.5403	15.104	1.702	-0.0020	7.54E-05	79.97%
0.5421	15.118	1.715	-0.0022	8.03E-05	79.17%
0.5432	15.126	1.722	-0.0023	8.33E-05	78.71%
0.5444	15.136	1.731	-0.0024	8.70E-05	78.16%
0.5450	15.140	1.736	-0.0025	8.87E-05	77.90%
0.5456	15.144	1.740	-0.0026	9.08E-05	77.62%
0.5459	15.147	1.743	-0.0026	9.17E-05	77.49%
0.5466	15.152	1.748	-0.0027	9.39E-05	77.19%
0.5474	15.158	1.754	-0.0028	9.67E-05	76.83%
0.5476	15.159	1.755	-0.0028	9.73E-05	76.75%
0.5476	15.160	1.756	-0.0028	9.76E-05	76.71%
0.5480	15.162	1.759	-0.0029	9.90E-05	76.53%
0.5481	15.163	1.760	-0.0029	9.93E-05	76.50%
0.5482	15.164	1.761	-0.0029	9.96E-05	76.46%
0.5481	15.163	1.760	-0.0029	9.93E-05	76.50%
0.5481	15.163	1.760	-0.0029	9.94E-05	76.48%
0.5482	15.164	1.761	-0.0029	9.96E-05	76.46%
0.5481	15.163	1.760	-0.0029	9.94E-05	76.49%
0.5481	15.163	1.760	-0.0029	9.92E-05	76.51%
0.5479	15.161	1.758	-0.0029	9.85E-05	76.60%
0.5476	15.159	1.756	-0.0028	9.76E-05	76.71%
				3.74E-05	89.48%

Amplicon: K1/K2

No: 4.17E+06

K1/K2
Run1-5 Av.

Cycle	Av. Fc	CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
1	0.0002							
2	0.0003							
3	0.0003							
4	0.0002							
5	0.0002							
6	0.0004							
7	0.0005							
8	0.0007							
9	0.0013							
10	0.0023	43.74%	0.991275	0.0198	12.749	1.277	0.0003	9.09E-07
11	0.0039	31.57%	0.997327	0.0081	11.273	1.162	0.0003	4.97E-07
12	0.0072	20.39%	0.998706	0.2356	17.377	1.541	0.0002	2.99E-06
13	0.0119	17.96%	0.999445	0.0326	13.820	1.385	0.0003	1.51E-06
14	0.0216	12.32%	0.999395	2.2005	21.926	1.713	0.0002	6.08E-06
15	0.0384	12.33%	0.999815	5.5730	23.519	1.712	0.0002	6.02E-06
16	0.0653	11.83%	0.999915	0.4377	18.860	1.640	0.0002	4.44E-06
17	0.1066	12.01%	0.999970	0.4287	18.815	1.637	0.0002	4.37E-06
18	0.1604	12.77%	0.999985	0.3937	18.609	1.614	0.0003	3.88E-06
19	0.2187	12.81%	0.999989	0.3775	18.493	1.594	0.0003	3.47E-06
20	0.2715	13.67%	0.999994	0.3750	18.472	1.589	0.0003	3.36E-06
21	0.3098	13.92%	0.999992	0.3704	18.430	1.575	0.0004	3.08E-06
22	0.3349	14.32%	0.999992	0.3689	18.414	1.569	0.0004	2.94E-06
23	0.3530	14.50%	0.999986	0.3712	18.438	1.581	0.0003	3.20E-06
24	0.3634	14.61%	0.999980	0.3729	18.457	1.592	0.0003	3.44E-06
25	0.3726	14.72%	0.999945	0.3756	18.486	1.611	0.0001	3.91E-06
26	0.3774	14.78%	0.999920	0.3776	18.508	1.627	0.0000	4.34E-06
27	0.3817	14.77%	0.999885	0.3795	18.529	1.644	-0.0001	4.83E-06
28	0.3846	14.68%	0.999851	0.3812	18.547	1.659	-0.0002	5.31E-06
29	0.3862	14.71%	0.999825	0.3825	18.562	1.671	-0.0003	5.75E-06
30	0.3880	14.89%	0.999798	0.3837	18.575	1.683	-0.0004	6.17E-06
31	0.3875	14.85%	0.999791	0.3844	18.583	1.690	-0.0005	6.46E-06
32	0.3897	14.72%	0.999769	0.3853	18.593	1.699	-0.0005	6.83E-06
33	0.3903	14.60%	0.999752	0.3860	18.601	1.707	-0.0006	7.16E-06
34	0.3897	14.83%	0.999746	0.3865	18.607	1.713	-0.0006	7.39E-06
35	0.3901	14.49%	0.999741	0.3870	18.612	1.718	-0.0007	7.62E-06
36	0.3900	14.70%	0.999739	0.3873	18.616	1.722	-0.0007	7.80E-06
37	0.3905	14.81%	0.999735	0.3877	18.620	1.726	-0.0008	7.98E-06
38	0.3898	14.47%	0.999737	0.3879	18.623	1.728	-0.0008	8.11E-06
39	0.3904	14.75%	0.999736	0.3882	18.626	1.731	-0.0008	8.24E-06
40	0.3899	14.55%	0.999738	0.3883	18.628	1.733	-0.0008	8.34E-06
41	0.3897	14.73%	0.999741	0.3885	18.629	1.735	-0.0008	8.42E-06
42	0.3900	14.48%	0.999743	0.3886	18.631	1.736	-0.0008	8.50E-06
43	0.3895	14.48%	0.999747	0.3887	18.632	1.737	-0.0009	8.56E-06
44	0.3887	14.51%	0.999751	0.3888	18.633	1.738	-0.0009	8.58E-06
45	0.3891	14.46%	0.999755	0.3889	18.633	1.739	-0.0009	8.62E-06
			0.999994					2.94E-06

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012
2	0.0000	0.0000	0.0000	0.0010	0.0000	0.0015	0.0007	0.0001
3	0.0004	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.0000	0.0002	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000
5	0.0000	0.0012	0.0011	0.0000	0.0006	0.0003	0.0000	0.0000
6	0.0014	0.0000	0.0008	0.0002	0.0001	0.0000	0.0005	0.0015
7	0.0000	0.0000	0.0000	0.0003	0.0007	0.0026	0.0000	0.0019
8	0.0000	0.0010	0.0000	0.0000	0.0011	0.0014	0.0001	0.0013
9	0.0021	0.0006	0.0002	0.0007	0.0016	0.0014	0.0010	0.0022
10	0.0018	0.0014	0.0000	0.0007	0.0028	0.0026	0.0022	0.0029
11	0.0045	0.0028	0.0016	0.0029	0.0051	0.0054	0.0018	0.0050
12	0.0090	0.0076	0.0033	0.0084	0.0075	0.0082	0.0064	0.0062
13	0.0147	0.0132	0.0084	0.0112	0.0149	0.0120	0.0115	0.0113
14	0.0259	0.0241	0.0188	0.0175	0.0230	0.0205	0.0222	0.0220
15	0.0483	0.0467	0.0347	0.0373	0.0386	0.0374	0.0364	0.0381
16	0.0807	0.0777	0.0609	0.0660	0.0689	0.0649	0.0579	0.0648
17	0.1351	0.1308	0.1008	0.1078	0.1077	0.1031	0.0978	0.1037
18	0.2061	0.1992	0.1517	0.1646	0.1634	0.1548	0.1478	0.1548
19	0.2798	0.2734	0.2127	0.2316	0.2230	0.2121	0.1961	0.2118
20	0.3533	0.3454	0.2648	0.2936	0.2779	0.2648	0.2418	0.2613
21	0.4067	0.3943	0.3061	0.3371	0.3194	0.3019	0.2745	0.3003
22	0.4434	0.4287	0.3342	0.3694	0.3451	0.3261	0.2936	0.3155
23	0.4632	0.4550	0.3563	0.3936	0.3644	0.3407	0.3106	0.3375
24	0.4773	0.4709	0.3634	0.4046	0.3726	0.3511	0.3199	0.3444
25	0.4901	0.4840	0.3710	0.4151	0.3863	0.3575	0.3296	0.3508
26	0.4961	0.4889	0.3805	0.4214	0.3874	0.3641	0.3301	0.3586
27	0.5029	0.4954	0.3849	0.4244	0.3910	0.3702	0.3363	0.3600
28	0.5053	0.4984	0.3862	0.4293	0.3980	0.3726	0.3378	0.3657
29	0.5085	0.4978	0.3891	0.4298	0.3975	0.3715	0.3363	0.3654
30	0.5139	0.5056	0.3907	0.4365	0.3980	0.3796	0.3408	0.3675
31	0.5115	0.5008	0.3954	0.4334	0.4038	0.3740	0.3429	0.3647
32	0.5133	0.5046	0.3857	0.4326	0.4064	0.3737	0.3417	0.3686
33	0.5155	0.5000	0.3880	0.4311	0.4050	0.3797	0.3452	0.3702
34	0.5181	0.5027	0.3882	0.4307	0.4036	0.3755	0.3425	0.3689
35	0.5100	0.5018	0.3907	0.4336	0.4024	0.3789	0.3430	0.3700
36	0.5105	0.5070	0.3916	0.4328	0.4058	0.3787	0.3421	0.3695
37	0.5150	0.5085	0.3953	0.4321	0.4018	0.3778	0.3379	0.3666
38	0.5107	0.4999	0.3851	0.4302	0.4002	0.3763	0.3445	0.3678
39	0.5140	0.5024	0.3895	0.4316	0.4037	0.3779	0.3393	0.3657
40	0.5144	0.5006	0.3886	0.4348	0.4010	0.3751	0.3407	0.3668
41	0.5118	0.5053	0.3862	0.4298	0.4032	0.3767	0.3413	0.3693
42	0.5060	0.5035	0.3920	0.4341	0.4062	0.3780	0.3429	0.3689
43	0.5081	0.4996	0.3889	0.4299	0.4012	0.3714	0.3419	0.3732
44	0.5079	0.5024	0.3850	0.4270	0.4022	0.3789	0.3392	0.3655
45	0.5109	0.4991	0.3862	0.4299	0.4070	0.3755	0.3439	0.3688

Eo	Cycle	K1/K2 Run1 Av. Av. Fc	CV	r2	Fmax	$C_{1/2}$	k	Fb
	1	0.0001						
	2	0.0003						
	3	0.0003						
	4	0.0001						
	5	0.0006						
	6	0.0006						
	7	0.0001						
	8	0.0003						
	9	0.0009						
118.87%	10	0.0010						
136.49%	11	0.0030						
91.31%	12	0.0071						
105.89%	13	0.0119						
79.28%	14	0.0216						
79.34%	15	0.0418	16.18%	0.998735	2.2614	21.151	1.546	0.0001
84.00%	16	0.0713	13.19%	0.999507	0.2573	17.375	1.432	0.0002
84.20%	17	0.1186	14.23%	0.999791	0.3958	18.294	1.522	0.0001
85.78%	18	0.1804	14.62%	0.999915	0.4165	18.415	1.536	0.0000
87.23%	19	0.2494	13.02%	0.999958	0.4296	18.498	1.551	0.0000
87.61%	20	0.3143	13.46%	0.999972	0.4410	18.577	1.570	-0.0001
88.66%	21	0.3611	13.17%	0.999978	0.4359	18.538	1.558	0.0000
89.16%	22	0.3939	12.97%	0.999984	0.4368	18.546	1.561	0.0000
88.23%	23	0.4170	12.24%	0.999974	0.4407	18.580	1.578	-0.0001
87.42%	24	0.4291	12.76%	0.999974	0.4422	18.593	1.586	-0.0002
86.00%	25	0.4401	13.01%	0.999950	0.4451	18.620	1.603	-0.0003
84.87%	26	0.4467	12.43%	0.999922	0.4476	18.643	1.619	-0.0004
83.74%	27	0.4519	12.61%	0.999887	0.4500	18.665	1.636	-0.0006
82.73%	28	0.4548	12.57%	0.999859	0.4518	18.682	1.650	-0.0007
81.90%	29	0.4563	12.44%	0.999843	0.4531	18.694	1.661	-0.0008
81.16%	30	0.4617	12.71%	0.999783	0.4550	18.712	1.676	-0.0010
80.68%	31	0.4603	12.03%	0.999768	0.4561	18.722	1.685	-0.0010
80.11%	32	0.4591	13.25%	0.999769	0.4567	18.728	1.691	-0.0011
79.63%	33	0.4587	13.02%	0.999774	0.4571	18.732	1.694	-0.0011
79.30%	34	0.4599	13.29%	0.999774	0.4576	18.736	1.698	-0.0012
79.00%	35	0.4590	12.42%	0.999779	0.4579	18.739	1.701	-0.0012
78.75%	36	0.4605	12.65%	0.999779	0.4582	18.743	1.704	-0.0012
78.52%	37	0.4627	12.67%	0.999767	0.4588	18.748	1.709	-0.0013
78.36%	38	0.4565	13.03%	0.999774	0.4587	18.747	1.708	-0.0013
78.19%	39	0.4594	12.87%	0.999778	0.4588	18.748	1.710	-0.0013
78.07%	40	0.4596	12.77%	0.999782	0.4590	18.750	1.711	-0.0013
77.98%	41	0.4583	13.26%	0.999787	0.4590	18.750	1.711	-0.0013
77.88%	42	0.4589	12.13%	0.999791	0.4591	18.751	1.712	-0.0013
77.81%	43	0.4566	12.52%	0.999795	0.4590	18.750	1.711	-0.0013
77.78%	44	0.4556	13.13%	0.999796	0.4589	18.749	1.710	-0.0013
77.74%	45	0.4565	12.91%	0.999799	0.4588	18.748	1.710	-0.0013
89.16%				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	0.0011	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000
0.0000	0.0000	0.0000	0.0000	0.0001	0.0011	0.0002	0.0000	0.0000
0.0005	0.0010	0.0010	0.0015	0.0006	0.0000	0.0001	0.0000	0.0006
0.0004	0.0005	0.0003	0.0000	0.0005	0.0000	0.0000	0.0004	0.0000
0.0002	0.0005	0.0005	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0003	0.0007	0.0007
0.0004	0.0000	0.0010	0.0000	0.0002	0.0002	0.0000	0.0000	0.0015
0.0000	0.0009	0.0019	0.0013	0.0006	0.0000	0.0000	0.0000	0.0013
0.0012	0.0009	0.0019	0.0011	0.0018	0.0014	0.0003	0.0006	0.0032
0.0029	0.0021	0.0045	0.0018	0.0027	0.0026	0.0024	0.0018	0.0035
0.0037	0.0029	0.0055	0.0043	0.0043	0.0036	0.0027	0.0029	0.0057
0.0080	0.0066	0.0084	0.0070	0.0096	0.0068	0.0058	0.0054	0.0088
0.0127	0.0107	0.0115	0.0115	0.0159	0.0117	0.0094	0.0085	0.0149
0.0230	0.0228	0.0223	0.0182	0.0257	0.0211	0.0179	0.0181	0.0240
0.0396	0.0366	0.0353	0.0357	0.0472	0.0387	0.0315	0.0310	0.0411
0.0687	0.0651	0.0593	0.0560	0.0789	0.0644	0.0544	0.0551	0.0706
0.1095	0.1024	0.0982	0.0962	0.1280	0.1050	0.0899	0.0873	0.1141
0.1662	0.1559	0.1450	0.1412	0.1915	0.1576	0.1311	0.1313	0.1736
0.2260	0.2162	0.1951	0.1937	0.2599	0.2112	0.1795	0.1786	0.2337
0.2785	0.2630	0.2428	0.2416	0.3167	0.2583	0.2186	0.2165	0.2989
0.3178	0.2989	0.2789	0.2723	0.3620	0.2928	0.2517	0.2457	0.3439
0.3441	0.3251	0.2997	0.2978	0.3872	0.3159	0.2682	0.2659	0.3735
0.3580	0.3392	0.3127	0.3118	0.4110	0.3334	0.2797	0.2772	0.3909
0.3745	0.3527	0.3233	0.3197	0.4207	0.3403	0.2919	0.2804	0.4086
0.3871	0.3653	0.3297	0.3331	0.4298	0.3491	0.2944	0.2900	0.4176
0.3917	0.3664	0.3361	0.3353	0.4401	0.3559	0.2998	0.2921	0.4256
0.3947	0.3710	0.3396	0.3365	0.4444	0.3549	0.3034	0.2982	0.4276
0.3953	0.3735	0.3401	0.3453	0.4413	0.3600	0.3031	0.3011	0.4345
0.3990	0.3769	0.3408	0.3414	0.4526	0.3621	0.3077	0.3024	0.4324
0.3964	0.3766	0.3413	0.3436	0.4425	0.3631	0.3069	0.3028	0.4332
0.3955	0.3746	0.3427	0.3427	0.4490	0.3607	0.3056	0.3021	0.4373
0.4029	0.3800	0.3482	0.3449	0.4553	0.3627	0.3095	0.3071	0.4385
0.4026	0.3800	0.3438	0.3480	0.4531	0.3679	0.3106	0.3046	0.4419
0.3978	0.3830	0.3434	0.3473	0.4502	0.3651	0.3106	0.3028	0.4412
0.4046	0.3808	0.3465	0.3495	0.4518	0.3648	0.3080	0.3064	0.4388
0.4007	0.3794	0.3470	0.3468	0.4484	0.3636	0.3075	0.3054	0.4406
0.4004	0.3827	0.3482	0.3461	0.4508	0.3667	0.3129	0.3045	0.4426
0.4037	0.3770	0.3470	0.3497	0.4564	0.3673	0.3101	0.3053	0.4414
0.4006	0.3831	0.3458	0.3467	0.4542	0.3642	0.3099	0.3068	0.4458
0.4034	0.3783	0.3478	0.3490	0.4512	0.3659	0.3120	0.3079	0.4430
0.4044	0.3802	0.3486	0.3484	0.4539	0.3689	0.3056	0.3038	0.4390
0.4046	0.3825	0.3448	0.3521	0.4556	0.3671	0.3089	0.3064	0.4362
0.4025	0.3775	0.3457	0.3485	0.4544	0.3656	0.3085	0.3053	0.4457
0.4039	0.3800	0.3470	0.3465	0.4535	0.3665	0.3096	0.3043	0.4381
0.3995	0.3788	0.3453	0.3488	0.4510	0.3654	0.3100	0.3056	0.4408

Cycle	K1/K2 Run2 Av. Av. Fc
1	0.0003
2	0.0006
3	0.0000
4	0.0002
5	0.0002
6	0.0005
7	0.0013
8	0.0010
9	0.0016
10	0.0026
11	0.0043
12	0.0071
13	0.0124
14	0.0219
15	0.0376
16	0.0641
17	0.1031
18	0.1552
19	0.2108
20	0.2615
21	0.2990
22	0.3201
23	0.3383
24	0.3470
25	0.3561
26	0.3601
27	0.3644
28	0.3685
29	0.3677
30	0.3715
31	0.3714
32	0.3726
33	0.3750
34	0.3726
35	0.3736
36	0.3740
37	0.3710
38	0.3722
39	0.3717
40	0.3709
41	0.3726
42	0.3740
43	0.3719
44	0.3715
45	0.3738

CV	r2	Fmax	$C_{1/2}$	k
11.79%	0.903445	0.0656	16.850	2.083
39.12%	0.965913	0.2530	18.884	1.914
13.33%	0.988218	0.2522	18.773	1.890
13.49%	0.995940	0.4922	19.572	1.783
4.76%	0.998687	4.3711	23.294	1.751
2.53%	0.999555	0.6541	19.856	1.731
7.12%	0.999852	0.7218	20.053	1.737
3.95%	0.999933	0.4219	18.899	1.676
4.11%	0.999972	0.4046	18.796	1.665
5.25%	0.999972	0.3688	18.537	1.622
5.71%	0.999983	0.3635	18.492	1.611
6.19%	0.999986	0.3596	18.456	1.599
6.71%	0.999960	0.3530	18.387	1.570
6.51%	0.999962	0.3552	18.411	1.582
6.26%	0.999966	0.3560	18.420	1.588
6.58%	0.999937	0.3585	18.447	1.606
6.54%	0.999919	0.3601	18.466	1.620
6.24%	0.999886	0.3619	18.487	1.636
6.72%	0.999829	0.3638	18.509	1.654
6.83%	0.999820	0.3648	18.520	1.664
6.46%	0.999777	0.3661	18.535	1.678
6.80%	0.999757	0.3670	18.546	1.687
7.13%	0.999735	0.3678	18.556	1.697
6.59%	0.999692	0.3688	18.567	1.707
6.73%	0.999689	0.3693	18.573	1.713
6.57%	0.999682	0.3698	18.578	1.719
7.03%	0.999674	0.3702	18.584	1.724
7.15%	0.999683	0.3703	18.585	1.725
6.18%	0.999688	0.3705	18.587	1.727
7.20%	0.999695	0.3707	18.589	1.729
6.70%	0.999703	0.3707	18.589	1.729
6.83%	0.999705	0.3709	18.591	1.731
6.98%	0.999702	0.3711	18.594	1.734
6.51%	0.999707	0.3712	18.595	1.735
7.08%	0.999712	0.3712	18.595	1.736
6.95%	0.999710	0.3714	18.597	1.738

Fo	Eo
2.59E-06	90.95%
1.38E-06	101.05%
2.38E-06	92.93%
2.60E-06	91.72%
2.84E-06	90.54%
3.21E-06	89.04%
2.96E-06	90.01%
3.03E-06	89.76%
3.39E-06	88.47%
3.57E-06	87.88%
4.01E-06	86.63%
4.48E-06	85.44%
4.99E-06	84.28%
5.46E-06	83.34%
5.85E-06	82.62%
6.45E-06	81.60%
6.83E-06	81.00%
7.06E-06	80.67%
7.22E-06	80.44%
7.40E-06	80.18%
7.52E-06	80.02%
7.68E-06	79.81%
7.90E-06	79.52%
7.86E-06	79.57%
7.93E-06	79.48%
7.99E-06	79.40%
8.01E-06	79.38%
8.04E-06	79.34%
8.01E-06	79.37%
7.96E-06	79.44%
7.93E-06	79.48%
2.96E-06	90.01%

	0.999986	

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0018
0.0000	0.0005	0.0014
0.0005	0.0000	0.0000
0.0000	0.0001	0.0000
0.0000	0.0000	0.0001
0.0004	0.0007	0.0000
0.0004	0.0000	0.0014
0.0013	0.0000	0.0016
0.0009	0.0000	0.0020
0.0024	0.0036	0.0015
0.0048	0.0033	0.0042
0.0083	0.0073	0.0061
0.0131	0.0101	0.0098
0.0247	0.0192	0.0204
0.0422	0.0349	0.0366
0.0715	0.0597	0.0614
0.1162	0.0969	0.1016
0.1756	0.1458	0.1509
0.2382	0.2018	0.2005
0.2971	0.2450	0.2510
0.3328	0.2782	0.2807
0.3616	0.2964	0.3056
0.3855	0.3155	0.3228
0.3935	0.3267	0.3323
0.4036	0.3303	0.3381
0.4042	0.3356	0.3389
0.4142	0.3373	0.3471
0.4175	0.3391	0.3477
0.4189	0.3450	0.3496
0.4250	0.3435	0.3515
0.4198	0.3442	0.3492
0.4206	0.3457	0.3526
0.4225	0.3469	0.3497
0.4248	0.3435	0.3537
0.4231	0.3438	0.3530
0.4263	0.3470	0.3502
0.4223	0.3491	0.3489
0.4228	0.3479	0.3518
0.4262	0.3460	0.3540
0.4198	0.3439	0.3532
0.4217	0.3463	0.3498
0.4194	0.3402	0.3496
0.4218	0.3477	0.3533
0.4195	0.3440	0.3526
0.4217	0.3454	0.3493

Cycle	K1/K2 Run3 Av. Av. Fc
1	0.0003
2	0.0000
3	0.0010
4	0.0003
5	0.0003
6	0.0001
7	0.0004
8	0.0010
9	0.0013
10	0.0028
11	0.0041
12	0.0075
13	0.0116
14	0.0216
15	0.0368
16	0.0623
17	0.1016
18	0.1521
19	0.2078
20	0.2565
21	0.2920
22	0.3167
23	0.3304
24	0.3426
25	0.3538
26	0.3574
27	0.3605
28	0.3636
29	0.3645
30	0.3645
31	0.3639
32	0.3690
33	0.3686
34	0.3679
35	0.3704
36	0.3685
37	0.3694
38	0.3694
39	0.3691
40	0.3696
41	0.3704
42	0.3710
43	0.3686
44	0.3694
45	0.3681

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0002	2.01E-05	61.59%	42.81%	0.883807	0.0151	11.680
0.0002	1.31E-05	68.63%	26.72%	0.954144	0.0050	10.035
0.0002	1.22E-05	69.74%	11.21%	0.982203	0.0383	14.187
0.0003	8.42E-06	75.20%	7.11%	0.993343	0.0265	13.416
0.0003	7.29E-06	77.02%	10.52%	0.996595	4.0858	23.234
0.0003	6.82E-06	78.20%	5.28%	0.998870	1.0636	20.866
0.0003	7.00E-06	77.83%	9.15%	0.999616	0.5884	19.707
0.0004	5.33E-06	81.62%	5.79%	0.999861	0.5193	19.437
0.0004	5.06E-06	82.33%	7.42%	0.999921	0.3893	18.739
0.0005	4.01E-06	85.25%	7.67%	0.999957	0.3677	18.579
0.0005	3.76E-06	86.04%	6.89%	0.999965	0.3543	18.464
0.0006	3.49E-06	86.90%	7.06%	0.999969	0.3483	18.405
0.0007	2.90E-06	89.05%	6.98%	0.999977	0.3486	18.408
0.0006	3.14E-06	88.15%	6.76%	0.999982	0.3480	18.401
0.0006	3.26E-06	87.73%	7.57%	0.999965	0.3504	18.428
0.0005	3.68E-06	86.38%	7.74%	0.999868	0.3546	18.477
0.0004	4.04E-06	85.39%	7.58%	0.999838	0.3569	18.504
0.0003	4.48E-06	84.27%	7.67%	0.999817	0.3587	18.525
0.0001	5.03E-06	83.03%	7.08%	0.999789	0.3603	18.544
0.0000	5.35E-06	82.39%	7.82%	0.999775	0.3614	18.557
-0.0001	5.83E-06	81.50%	7.33%	0.999775	0.3621	18.565
-0.0001	6.19E-06	80.87%	7.12%	0.999783	0.3625	18.570
-0.0002	6.55E-06	80.29%	7.48%	0.999744	0.3635	18.582
-0.0003	6.99E-06	79.62%	7.55%	0.999725	0.3642	18.590
-0.0003	7.22E-06	79.27%	7.27%	0.999720	0.3647	18.596
-0.0004	7.47E-06	78.93%	7.45%	0.999696	0.3653	18.604
-0.0004	7.71E-06	78.61%	7.16%	0.999694	0.3657	18.608
-0.0004	7.77E-06	78.53%	7.21%	0.999689	0.3661	18.613
-0.0005	7.87E-06	78.40%	7.20%	0.999685	0.3664	18.617
-0.0005	7.93E-06	78.32%	7.39%	0.999685	0.3667	18.620
-0.0005	7.96E-06	78.28%	7.19%	0.999682	0.3669	18.623
-0.0005	8.05E-06	78.17%	7.33%	0.999676	0.3672	18.627
-0.0005	8.18E-06	78.01%	7.47%	0.999667	0.3675	18.630
-0.0005	8.23E-06	77.95%	7.28%	0.999672	0.3676	18.631
-0.0005	8.25E-06	77.92%	7.54%	0.999674	0.3678	18.633
-0.0005	8.35E-06	77.80%	7.00%	0.999679	0.3678	18.634
	2.90E-06	89.05%		0.999982		

k	Fb	Fo	Eo
1.036	0.0003	1.91E-07	162.64%
0.834	0.0003	2.97E-08	231.52%
1.493	0.0003	2.86E-06	95.36%
1.419	0.0003	2.07E-06	102.37%
1.756	0.0002	7.31E-06	76.75%
1.759	0.0002	7.52E-06	76.54%
1.733	0.0002	6.80E-06	78.05%
1.720	0.0003	6.41E-06	78.87%
1.652	0.0004	4.62E-06	83.16%
1.626	0.0004	4.00E-06	84.98%
1.598	0.0005	3.39E-06	87.00%
1.578	0.0006	3.00E-06	88.45%
1.579	0.0006	3.02E-06	88.38%
1.576	0.0006	2.95E-06	88.63%
1.592	0.0005	3.29E-06	87.41%
1.625	0.0003	4.07E-06	85.07%
1.644	0.0001	4.63E-06	83.70%
1.660	0.0000	5.11E-06	82.64%
1.676	-0.0001	5.64E-06	81.62%
1.687	-0.0002	6.05E-06	80.88%
1.695	-0.0002	6.33E-06	80.41%
1.699	-0.0003	6.49E-06	80.15%
1.710	-0.0003	6.94E-06	79.46%
1.718	-0.0004	7.29E-06	78.96%
1.724	-0.0005	7.53E-06	78.62%
1.732	-0.0005	7.88E-06	78.16%
1.736	-0.0006	8.08E-06	77.91%
1.740	-0.0006	8.29E-06	77.65%
1.744	-0.0006	8.48E-06	77.42%
1.747	-0.0006	8.62E-06	77.25%
1.750	-0.0007	8.78E-06	77.06%
1.754	-0.0007	8.95E-06	76.87%
1.757	-0.0007	9.13E-06	76.67%
1.758	-0.0007	9.20E-06	76.59%
1.760	-0.0007	9.29E-06	76.49%
1.761	-0.0008	9.33E-06	76.45%
		2.95E-06	88.63%

K1/K2 Run4 Av.

Cycle	Av. Fc
1	0.0001
2	0.0004
3	0.0002
4	0.0002
5	0.0000
6	0.0003
7	0.0001
8	0.0002
9	0.0010
10	0.0024
11	0.0034
12	0.0069
13	0.0114
14	0.0207
15	0.0371
16	0.0632
17	0.1026
18	0.1529
19	0.2073
20	0.2525
21	0.2881
22	0.3093
23	0.3253
24	0.3333
25	0.3408
26	0.3470
27	0.3502
28	0.3514
29	0.3562
30	0.3538
31	0.3544
32	0.3587
33	0.3591
34	0.3572
35	0.3578
36	0.3562
37	0.3587
38	0.3598
39	0.3588
40	0.3593
41	0.3581
42	0.3595
43	0.3585
44	0.3585
45	0.3580

CV	r2	Fmax
27.45%	0.987358	0.0398
29.05%	0.995772	0.0272
17.59%	0.998118	0.3085
20.48%	0.999415	1.6916
18.06%	0.999787	0.4034
18.21%	0.999923	0.3820
18.71%	0.999965	0.3551
18.43%	0.999983	0.3509
18.57%	0.999977	0.3379
18.59%	0.999983	0.3399
18.37%	0.999987	0.3386
19.28%	0.999980	0.3409
19.13%	0.999980	0.3418
19.11%	0.999959	0.3437
19.68%	0.999910	0.3460
19.36%	0.999869	0.3479
18.75%	0.999851	0.3491
19.57%	0.999780	0.3508
18.43%	0.999777	0.3515
19.35%	0.999776	0.3521
19.34%	0.999729	0.3531
19.19%	0.999694	0.3540
19.02%	0.999691	0.3544
19.10%	0.999686	0.3549
18.84%	0.999693	0.3551
18.76%	0.999684	0.3555
19.54%	0.999668	0.3559
19.19%	0.999665	0.3562
18.58%	0.999659	0.3565
19.75%	0.999662	0.3567
19.45%	0.999657	0.3569
19.45%	0.999659	0.3571
19.34%	0.999661	0.3572
18.91%	0.999664	0.3573
	0.999987	

$C_{1/2}$	k	Fb	Fo	Eo
14.159	1.360	0.0001	1.19E-06	108.64%
13.450	1.299	0.0001	8.64E-07	115.97%
18.360	1.653	0.0000	4.63E-06	83.12%
21.432	1.693	0.0000	5.36E-06	80.55%
18.747	1.631	0.0001	4.11E-06	84.62%
18.628	1.622	0.0001	3.94E-06	85.21%
18.449	1.602	0.0001	3.53E-06	86.71%
18.416	1.596	0.0001	3.41E-06	87.14%
18.298	1.565	0.0002	2.83E-06	89.45%
18.318	1.572	0.0002	2.96E-06	88.90%
18.304	1.566	0.0002	2.84E-06	89.36%
18.330	1.580	0.0001	3.11E-06	88.34%
18.341	1.586	0.0001	3.25E-06	87.86%
18.363	1.601	0.0000	3.59E-06	86.76%
18.390	1.621	-0.0001	4.09E-06	85.32%
18.412	1.638	-0.0002	4.58E-06	84.11%
18.427	1.650	-0.0003	4.94E-06	83.29%
18.448	1.669	-0.0005	5.54E-06	82.09%
18.456	1.676	-0.0005	5.81E-06	81.58%
18.463	1.683	-0.0006	6.05E-06	81.17%
18.476	1.695	-0.0007	6.50E-06	80.42%
18.486	1.704	-0.0007	6.89E-06	79.81%
18.492	1.710	-0.0008	7.12E-06	79.47%
18.497	1.715	-0.0008	7.34E-06	79.15%
18.500	1.718	-0.0008	7.46E-06	79.00%
18.505	1.722	-0.0009	7.67E-06	78.71%
18.510	1.728	-0.0009	7.91E-06	78.40%
18.514	1.731	-0.0009	8.07E-06	78.18%
18.517	1.735	-0.0010	8.24E-06	77.98%
18.519	1.737	-0.0010	8.34E-06	77.85%
18.522	1.740	-0.0010	8.49E-06	77.68%
18.524	1.742	-0.0010	8.58E-06	77.56%
18.526	1.743	-0.0010	8.67E-06	77.46%
18.527	1.745	-0.0010	8.73E-06	77.39%
			2.84E-06	89.36%

Cycle	K1/K2 Run5 Av. Av. Fc	CV	r2
1	0.0005		
2	0.0005		
3	0.0003		
4	0.0000		
5	0.0000		
6	0.0005		
7	0.0008		
8	0.0011		
9	0.0015		
10	0.0028	36.18%	0.949115
11	0.0045	22.44%	0.983119
12	0.0076	15.64%	0.994334
13	0.0120	20.49%	0.997896
14	0.0221	12.17%	0.998140
15	0.0387	9.06%	0.999393
16	0.0658	9.29%	0.999764
17	0.1072	8.78%	0.999908
18	0.1615	9.49%	0.999955
19	0.2186	9.23%	0.999960
20	0.2730	10.62%	0.999974
21	0.3089	11.11%	0.999958
22	0.3343	11.64%	0.999969
23	0.3537	11.32%	0.999954
24	0.3653	11.45%	0.999937
25	0.3724	11.97%	0.999924
26	0.3761	12.15%	0.999921
27	0.3816	12.04%	0.999888
28	0.3847	12.56%	0.999851
29	0.3865	11.80%	0.999822
30	0.3883	12.19%	0.999791
31	0.3876	12.34%	0.999784
32	0.3894	12.09%	0.999768
33	0.3903	12.58%	0.999751
34	0.3908	12.63%	0.999736
35	0.3897	12.38%	0.999735
36	0.3910	12.62%	0.999726
37	0.3907	12.51%	0.999723
38	0.3910	12.31%	0.999720
39	0.3930	12.82%	0.999703
40	0.3900	12.54%	0.999708
41	0.3892	12.35%	0.999714
42	0.3864	12.55%	0.999718
43	0.3921	12.52%	0.999711
44	0.3886	12.15%	0.999717
45	0.3893	12.61%	0.999721
			0.999974

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0108	11.719	1.409	0.0003	2.66E-06	103.27%
0.0152	12.386	1.462	0.0003	3.18E-06	98.16%
0.0495	14.869	1.646	0.0002	5.92E-06	83.55%
0.0375	14.256	1.599	0.0002	5.03E-06	86.88%
8.3426	24.642	1.787	0.0003	8.58E-06	74.98%
10.1103	24.784	1.756	0.0003	7.51E-06	76.72%
0.7442	20.023	1.721	0.0003	6.61E-06	78.77%
0.4824	19.104	1.675	0.0003	5.36E-06	81.68%
0.4110	18.717	1.635	0.0004	4.39E-06	84.33%
0.3715	18.437	1.587	0.0005	3.35E-06	87.76%
0.3795	18.504	1.604	0.0004	3.71E-06	86.53%
0.3685	18.403	1.570	0.0006	3.00E-06	89.04%
0.3672	18.391	1.565	0.0006	2.90E-06	89.43%
0.3711	18.431	1.586	0.0005	3.32E-06	87.88%
0.3741	18.463	1.604	0.0004	3.76E-06	86.50%
0.3762	18.486	1.620	0.0003	4.16E-06	85.41%
0.3774	18.499	1.630	0.0002	4.44E-06	84.71%
0.3793	18.520	1.646	0.0001	4.92E-06	83.61%
0.3810	18.539	1.661	0.0000	5.42E-06	82.57%
0.3824	18.554	1.674	-0.0001	5.88E-06	81.71%
0.3836	18.568	1.686	-0.0002	6.34E-06	80.93%
0.3843	18.576	1.694	-0.0003	6.65E-06	80.45%
0.3851	18.585	1.702	-0.0004	6.99E-06	79.93%
0.3858	18.593	1.710	-0.0004	7.32E-06	79.46%
0.3865	18.600	1.717	-0.0005	7.62E-06	79.04%
0.3869	18.605	1.721	-0.0005	7.82E-06	78.78%
0.3873	18.610	1.726	-0.0006	8.06E-06	78.47%
0.3877	18.614	1.730	-0.0006	8.25E-06	78.24%
0.3880	18.618	1.734	-0.0006	8.42E-06	78.02%
0.3885	18.622	1.739	-0.0007	8.67E-06	77.73%
0.3886	18.624	1.741	-0.0007	8.76E-06	77.63%
0.3887	18.625	1.741	-0.0007	8.81E-06	77.57%
0.3886	18.624	1.740	-0.0007	8.74E-06	77.64%
0.3889	18.627	1.743	-0.0007	8.89E-06	77.48%
0.3889	18.627	1.743	-0.0007	8.91E-06	77.46%
0.3889	18.628	1.744	-0.0007	8.94E-06	77.42%
				2.90E-06	89.43%

Cycle	K1/K2 Run1 Rep1	r2
1	0.0002	
2	0.0000	
3	0.0000	
4	0.0000	
5	0.0000	
6	0.0014	
7	0.0000	
8	0.0000	
9	0.0021	
10	0.0018	
11	0.0045	0.853665
12	0.0090	0.961493
13	0.0147	0.986777
14	0.0259	0.995115
15	0.0483	0.998257
16	0.0807	0.999289
17	0.1351	0.999720
18	0.2061	0.999875
19	0.2798	0.999902
20	0.3533	0.999928
21	0.4067	0.999954
22	0.4434	0.999967
23	0.4632	0.999971
24	0.4773	0.999976
25	0.4901	0.999951
26	0.4961	0.999933
27	0.5029	0.999891
28	0.5053	0.999866
29	0.5085	0.999836
30	0.5139	0.999770
31	0.5115	0.999757
32	0.5133	0.999740
33	0.5155	0.999714
34	0.5181	0.999674
35	0.5100	0.999687
36	0.5105	0.999697
37	0.5150	0.999693
38	0.5107	0.999701
39	0.5140	0.999702
40	0.5144	0.999702
41	0.5118	0.999709
42	0.5060	0.999707
43	0.5081	0.999711
44	0.5079	0.999714
45	0.5109	0.999719
		0.999976

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1738	16.272	1.431	0.0001	2.00E-06	101.15%
0.0480	13.881	1.244	0.0002	6.83E-07	123.47%
0.0288	12.978	1.160	0.0002	4.00E-07	136.77%
0.1209	16.011	1.540	0.0001	3.69E-06	91.43%
6.1989	23.107	1.670	0.0001	6.09E-06	81.96%
0.3802	18.067	1.576	0.0001	4.01E-06	88.57%
0.6979	19.385	1.670	0.0000	6.36E-06	81.98%
0.5477	18.817	1.617	0.0001	4.84E-06	85.59%
0.4717	18.413	1.549	0.0003	3.26E-06	90.67%
0.4947	18.560	1.586	0.0001	4.09E-06	87.86%
0.4930	18.548	1.582	0.0002	3.99E-06	88.16%
0.4933	18.550	1.583	0.0002	4.02E-06	88.08%
0.4911	18.533	1.575	0.0002	3.80E-06	88.72%
0.4916	18.537	1.577	0.0002	3.86E-06	88.54%
0.4948	18.563	1.594	0.0001	4.32E-06	87.29%
0.4970	18.582	1.607	-0.0001	4.74E-06	86.30%
0.4997	18.604	1.624	-0.0002	5.31E-06	85.08%
0.5016	18.620	1.637	-0.0004	5.78E-06	84.17%
0.5034	18.634	1.650	-0.0005	6.27E-06	83.31%
0.5056	18.653	1.666	-0.0007	6.95E-06	82.24%
0.5067	18.662	1.675	-0.0008	7.35E-06	81.66%
0.5078	18.671	1.684	-0.0009	7.75E-06	81.11%
0.5089	18.681	1.693	-0.0009	8.19E-06	80.54%
0.5101	18.691	1.702	-0.0011	8.69E-06	79.94%
0.5102	18.692	1.703	-0.0011	8.74E-06	79.88%
0.5104	18.693	1.704	-0.0011	8.80E-06	79.81%
0.5109	18.697	1.709	-0.0011	9.03E-06	79.55%
0.5110	18.698	1.709	-0.0011	9.07E-06	79.51%
0.5113	18.701	1.712	-0.0012	9.21E-06	79.34%
0.5116	18.703	1.714	-0.0012	9.36E-06	79.19%
0.5117	18.704	1.715	-0.0012	9.40E-06	79.14%
0.5114	18.702	1.713	-0.0012	9.27E-06	79.28%
0.5113	18.701	1.712	-0.0012	9.21E-06	79.35%
0.5111	18.700	1.711	-0.0011	9.15E-06	79.42%
0.5112	18.700	1.711	-0.0012	9.17E-06	79.39%
				3.80E-06	88.72%

Cycle	K1/K2 Run1 Rep2	r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0002	
5	0.0012	
6	0.0000	
7	0.0000	
8	0.0010	
9	0.0006	
10	0.0014	0.472527
11	0.0028	0.804132
12	0.0076	0.968030
13	0.0132	0.990102
14	0.0241	0.995982
15	0.0467	0.998517
16	0.0777	0.999382
17	0.1308	0.999607
18	0.1992	0.999843
19	0.2734	0.999924
20	0.3454	0.999944
21	0.3943	0.999951
22	0.4287	0.999965
23	0.4550	0.999945
24	0.4709	0.999925
25	0.4840	0.999874
26	0.4889	0.999862
27	0.4954	0.999831
28	0.4984	0.999810
29	0.4978	0.999813
30	0.5056	0.999756
31	0.5008	0.999763
32	0.5046	0.999749
33	0.5000	0.999761
34	0.5027	0.999764
35	0.5018	0.999770
36	0.5070	0.999752
37	0.5085	0.999728
38	0.4999	0.999736
39	0.5024	0.999742
40	0.5006	0.999749
41	0.5053	0.999747
42	0.5035	0.999750
43	0.4996	0.999754
44	0.5024	0.999759
45	0.4991	0.999761
		0.999965

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0360	18.010	2.372	0.0001	1.81E-05	52.41%
0.1154	16.209	1.377	0.0002	8.89E-07	106.76%
0.5700	16.351	1.001	0.0003	4.57E-08	171.62%
0.0188	12.376	0.787	0.0003	2.75E-09	256.58%
0.0618	14.561	1.213	0.0002	3.76E-07	128.12%
1.8551	20.583	1.525	0.0001	2.56E-06	92.62%
0.2155	16.788	1.370	0.0002	1.03E-06	107.47%
0.4876	18.570	1.562	0.0000	3.34E-06	89.72%
0.4788	18.527	1.557	0.0000	3.25E-06	90.10%
0.4643	18.445	1.542	0.0000	2.97E-06	91.25%
0.4845	18.574	1.574	-0.0001	3.64E-06	88.75%
0.4739	18.500	1.550	0.0000	3.11E-06	90.61%
0.4734	18.497	1.549	0.0000	3.08E-06	90.74%
0.4791	18.542	1.572	-0.0001	3.60E-06	88.95%
0.4835	18.578	1.592	-0.0003	4.14E-06	87.40%
0.4883	18.618	1.618	-0.0005	4.92E-06	85.51%
0.4908	18.639	1.633	-0.0007	5.43E-06	84.45%
0.4934	18.662	1.651	-0.0008	6.08E-06	83.26%
0.4954	18.679	1.665	-0.0010	6.65E-06	82.32%
0.4964	18.688	1.672	-0.0010	6.95E-06	81.86%
0.4985	18.706	1.688	-0.0012	7.66E-06	80.84%
0.4991	18.711	1.693	-0.0012	7.91E-06	80.53%
0.5001	18.720	1.701	-0.0013	8.31E-06	80.02%
0.5003	18.722	1.702	-0.0013	8.38E-06	79.93%
0.5008	18.726	1.706	-0.0014	8.56E-06	79.71%
0.5010	18.728	1.708	-0.0014	8.68E-06	79.57%
0.5017	18.734	1.714	-0.0015	9.00E-06	79.21%
0.5025	18.741	1.720	-0.0015	9.34E-06	78.83%
0.5024	18.740	1.720	-0.0015	9.30E-06	78.87%
0.5025	18.741	1.721	-0.0015	9.35E-06	78.81%
0.5025	18.741	1.720	-0.0015	9.34E-06	78.83%
0.5028	18.743	1.723	-0.0016	9.48E-06	78.68%
0.5029	18.745	1.724	-0.0016	9.55E-06	78.60%
0.5028	18.744	1.723	-0.0016	9.50E-06	78.66%
0.5029	18.744	1.724	-0.0016	9.53E-06	78.62%
0.5028	18.743	1.723	-0.0016	9.47E-06	78.69%
				3.08E-06	90.74%

Cycle	K1/K2 Run1 Rep3	r2
1	0.0000	
2	0.0000	
3	0.0006	
4	0.0000	
5	0.0000	
6	0.0008	
7	0.0000	
8	0.0000	
9	0.0002	
10	0.0000	
11	0.0016	
12	0.0033	
13	0.0084	0.983015
14	0.0188	0.996706
15	0.0347	0.999104
16	0.0609	0.999338
17	0.1008	0.999551
18	0.1517	0.999771
19	0.2127	0.999791
20	0.2648	0.999883
21	0.3061	0.999923
22	0.3342	0.999942
23	0.3563	0.999908
24	0.3634	0.999925
25	0.3710	0.999933
26	0.3805	0.999876
27	0.3849	0.999824
28	0.3862	0.999805
29	0.3891	0.999775
30	0.3907	0.999748
31	0.3954	0.999669
32	0.3857	0.999685
33	0.3880	0.999700
34	0.3882	0.999712
35	0.3907	0.999714
36	0.3916	0.999712
37	0.3953	0.999679
38	0.3851	0.999679
39	0.3895	0.999687
40	0.3886	0.999695
41	0.3862	0.999699
42	0.3920	0.999696
43	0.3889	0.999702
44	0.3850	0.999699
45	0.3862	0.999702
		0.999942

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0236	13.515	0.827	0.0001	1.88E-09	235.24%
0.0538	14.591	0.935	0.0001	9.01E-09	191.32%
0.0660	14.905	0.978	0.0001	1.58E-08	178.05%
0.1376	16.281	1.202	0.0000	1.80E-07	129.82%
0.2456	17.500	1.375	-0.0001	7.29E-07	106.95%
0.3021	17.987	1.450	-0.0002	1.23E-06	99.34%
0.3687	18.522	1.551	-0.0004	2.39E-06	90.58%
0.3653	18.493	1.544	-0.0004	2.29E-06	91.12%
0.3684	18.522	1.553	-0.0004	2.44E-06	90.39%
0.3708	18.546	1.563	-0.0005	2.60E-06	89.62%
0.3769	18.608	1.594	-0.0006	3.20E-06	87.30%
0.3766	18.605	1.591	-0.0006	3.15E-06	87.46%
0.3774	18.614	1.597	-0.0007	3.28E-06	87.01%
0.3804	18.646	1.620	-0.0008	3.81E-06	85.40%
0.3828	18.672	1.640	-0.0010	4.35E-06	84.00%
0.3843	18.689	1.653	-0.0011	4.74E-06	83.09%
0.3858	18.705	1.667	-0.0012	5.17E-06	82.17%
0.3870	18.719	1.679	-0.0013	5.58E-06	81.38%
0.3887	18.738	1.696	-0.0014	6.19E-06	80.32%
0.3885	18.736	1.694	-0.0014	6.11E-06	80.46%
0.3886	18.737	1.695	-0.0014	6.16E-06	80.37%
0.3887	18.738	1.697	-0.0014	6.21E-06	80.29%
0.3891	18.743	1.700	-0.0014	6.35E-06	80.05%
0.3895	18.747	1.704	-0.0015	6.51E-06	79.80%
0.3901	18.754	1.711	-0.0015	6.80E-06	79.37%
0.3898	18.751	1.708	-0.0015	6.67E-06	79.56%
0.3899	18.752	1.709	-0.0015	6.71E-06	79.50%
0.3899	18.752	1.710	-0.0015	6.72E-06	79.49%
0.3898	18.750	1.708	-0.0015	6.65E-06	79.59%
0.3900	18.753	1.710	-0.0015	6.75E-06	79.43%
0.3900	18.753	1.711	-0.0015	6.76E-06	79.42%
0.3898	18.751	1.709	-0.0015	6.68E-06	79.55%
0.3897	18.750	1.707	-0.0015	6.63E-06	79.63%
				2.29E-06	91.12%

Cycle	K1/K2 Run1 Rep4	r2
1	0.0000	
2	0.0010	
3	0.0000	
4	0.0000	
5	0.0000	
6	0.0002	
7	0.0003	
8	0.0000	
9	0.0007	
10	0.0007	
11	0.0029	
12	0.0084	
13	0.0112	
14	0.0175	0.987240
15	0.0373	0.989718
16	0.0660	0.996867
17	0.1078	0.998787
18	0.1646	0.999506
19	0.2316	0.999746
20	0.2936	0.999862
21	0.3371	0.999891
22	0.3694	0.999922
23	0.3936	0.999904
24	0.4046	0.999918
25	0.4151	0.999904
26	0.4214	0.999885
27	0.4244	0.999878
28	0.4293	0.999845
29	0.4298	0.999834
30	0.4365	0.999756
31	0.4334	0.999750
32	0.4326	0.999754
33	0.4311	0.999764
34	0.4307	0.999774
35	0.4336	0.999774
36	0.4328	0.999778
37	0.4321	0.999784
38	0.4302	0.999791
39	0.4316	0.999796
40	0.4348	0.999791
41	0.4298	0.999795
42	0.4341	0.999794
43	0.4299	0.999798
44	0.4270	0.999792
45	0.4299	0.999796
		0.999922

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0228	12.862	1.037	0.0001	9.33E-08	162.35%
3.9457	22.471	1.598	0.0001	3.09E-06	86.97%
2.1108	21.579	1.626	0.0000	3.62E-06	85.00%
0.3270	18.048	1.476	0.0002	1.60E-06	96.90%
0.3706	18.343	1.515	0.0001	2.04E-06	93.49%
0.4190	18.671	1.572	0.0000	2.92E-06	88.89%
0.4212	18.687	1.576	0.0000	2.98E-06	88.62%
0.4088	18.587	1.544	0.0001	2.43E-06	91.07%
0.4101	18.600	1.549	0.0001	2.51E-06	90.67%
0.4161	18.654	1.576	-0.0001	3.02E-06	88.59%
0.4176	18.668	1.584	-0.0001	3.19E-06	87.97%
0.4203	18.694	1.601	-0.0002	3.58E-06	86.73%
0.4226	18.717	1.617	-0.0004	3.98E-06	85.58%
0.4241	18.732	1.629	-0.0005	4.29E-06	84.78%
0.4260	18.751	1.644	-0.0006	4.74E-06	83.74%
0.4272	18.762	1.654	-0.0007	5.05E-06	83.08%
0.4292	18.782	1.671	-0.0008	5.64E-06	81.92%
0.4301	18.791	1.679	-0.0009	5.94E-06	81.39%
0.4306	18.796	1.684	-0.0009	6.12E-06	81.08%
0.4308	18.798	1.686	-0.0010	6.19E-06	80.96%
0.4309	18.800	1.687	-0.0010	6.23E-06	80.90%
0.4313	18.803	1.691	-0.0010	6.38E-06	80.67%
0.4315	18.806	1.693	-0.0010	6.47E-06	80.52%
0.4317	18.807	1.694	-0.0010	6.52E-06	80.43%
0.4317	18.807	1.694	-0.0010	6.51E-06	80.46%
0.4317	18.808	1.695	-0.0010	6.54E-06	80.41%
0.4320	18.811	1.698	-0.0011	6.65E-06	80.23%
0.4319	18.810	1.697	-0.0011	6.62E-06	80.28%
0.4321	18.812	1.699	-0.0011	6.70E-06	80.16%
0.4321	18.811	1.698	-0.0011	6.68E-06	80.20%
0.4318	18.809	1.696	-0.0010	6.59E-06	80.34%
0.4318	18.808	1.695	-0.0010	6.57E-06	80.37%
				2.43E-06	91.07%

Amplicon: K1/K2

No: 4.17E+05

K1/K2 Run1-5 Av.

Cycle	Av. Fc
1	0.0001
2	0.0001
3	0.0001
4	0.0002
5	0.0002
6	0.0001
7	0.0002
8	0.0001
9	0.0001
10	0.0003
11	0.0002
12	0.0006
13	0.0007
14	0.0020
15	0.0040
16	0.0078
17	0.0143
18	0.0258
19	0.0450
20	0.0760
21	0.1212
22	0.1766
23	0.2324
24	0.2763
25	0.3086
26	0.3287
27	0.3422
28	0.3516
29	0.3579
30	0.3624
31	0.3657
32	0.3685
33	0.3692
34	0.3708
35	0.3719
36	0.3713
37	0.3728
38	0.3710
39	0.3722
40	0.3728
41	0.3723
42	0.3720
43	0.3719
44	0.3712
45	0.3722

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
26.69%	0.993518	0.0077	15.005	0.834	0.0002	1.18E-10
15.99%	0.998219	0.0192	16.441	1.047	0.0002	2.91E-09
14.00%	0.999365	0.0411	17.772	1.208	0.0001	1.67E-08
12.54%	0.999675	0.0965	19.388	1.370	0.0001	6.87E-08
14.88%	0.999839	0.1849	20.684	1.479	0.0001	1.56E-07
15.01%	0.999905	0.3227	21.853	1.572	0.0000	2.96E-07
14.89%	0.999958	0.3852	22.253	1.608	0.0000	3.76E-07
15.02%	0.999981	0.3735	22.175	1.598	0.0000	3.51E-07
15.85%	0.999988	0.3647	22.105	1.584	0.0001	3.18E-07
16.03%	0.999980	0.3535	22.005	1.557	0.0001	2.56E-07
16.09%	0.999986	0.3535	22.005	1.557	0.0001	2.56E-07
15.99%	0.999990	0.3538	22.008	1.558	0.0001	2.59E-07
16.18%	0.999986	0.3554	22.026	1.568	0.0001	2.81E-07
16.46%	0.999970	0.3576	22.051	1.582	0.0000	3.17E-07
16.49%	0.999946	0.3596	22.074	1.598	-0.0001	3.61E-07
16.45%	0.999917	0.3614	22.096	1.614	-0.0002	4.10E-07
16.42%	0.999886	0.3631	22.115	1.629	-0.0003	4.62E-07
16.33%	0.999849	0.3646	22.133	1.644	-0.0003	5.18E-07
16.50%	0.999830	0.3657	22.146	1.655	-0.0004	5.63E-07
16.57%	0.999808	0.3667	22.158	1.665	-0.0005	6.09E-07
16.58%	0.999787	0.3675	22.169	1.674	-0.0005	6.54E-07
16.62%	0.999782	0.3681	22.176	1.681	-0.0006	6.85E-07
16.67%	0.999768	0.3688	22.184	1.688	-0.0006	7.22E-07
16.54%	0.999771	0.3691	22.188	1.691	-0.0006	7.41E-07
16.58%	0.999769	0.3694	22.192	1.695	-0.0006	7.64E-07
16.34%	0.999764	0.3698	22.197	1.700	-0.0007	7.87E-07
16.54%	0.999765	0.3701	22.200	1.703	-0.0007	8.05E-07
16.55%	0.999767	0.3703	22.202	1.705	-0.0007	8.18E-07
16.72%	0.999770	0.3704	22.204	1.707	-0.0007	8.30E-07
16.78%	0.999775	0.3705	22.206	1.708	-0.0007	8.37E-07
16.59%	0.999776	0.3707	22.207	1.710	-0.0007	8.48E-07
	0.999990					2.56E-07

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0009	0.0000	0.0002	0.0017	0.0000	0.0000	0.0000	0.0000
2	0.0019	0.0008	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000
3	0.0004	0.0001	0.0000	0.0012	0.0000	0.0000	0.0000	0.0000
4	0.0005	0.0001	0.0000	0.0006	0.0000	0.0004	0.0002	0.0000
5	0.0008	0.0008	0.0000	0.0006	0.0000	0.0005	0.0000	0.0000
6	0.0005	0.0007	0.0005	0.0000	0.0000	0.0002	0.0000	0.0000
7	0.0000	0.0014	0.0000	0.0013	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0003	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000
9	0.0006	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	0.0000
10	0.0012	0.0000	0.0005	0.0004	0.0000	0.0000	0.0002	0.0000
11	0.0000	0.0008	0.0010	0.0000	0.0000	0.0000	0.0007	0.0003
12	0.0000	0.0004	0.0003	0.0004	0.0007	0.0000	0.0010	0.0021
13	0.0002	0.0004	0.0000	0.0000	0.0000	0.0011	0.0007	0.0000
14	0.0022	0.0013	0.0014	0.0028	0.0010	0.0013	0.0028	0.0015
15	0.0022	0.0043	0.0047	0.0035	0.0029	0.0019	0.0042	0.0049
16	0.0061	0.0077	0.0083	0.0065	0.0067	0.0089	0.0082	0.0068
17	0.0120	0.0141	0.0114	0.0131	0.0119	0.0130	0.0159	0.0155
18	0.0232	0.0259	0.0228	0.0222	0.0218	0.0231	0.0266	0.0285
19	0.0408	0.0436	0.0366	0.0373	0.0383	0.0418	0.0479	0.0493
20	0.0655	0.0729	0.0655	0.0689	0.0674	0.0685	0.0803	0.0822
21	0.1057	0.1189	0.1030	0.1126	0.1031	0.1091	0.1262	0.1321
22	0.1550	0.1721	0.1506	0.1679	0.1509	0.1563	0.1838	0.1898
23	0.2066	0.2303	0.1988	0.2284	0.1953	0.2055	0.2399	0.2469
24	0.2456	0.2756	0.2420	0.2774	0.2273	0.2421	0.2782	0.2933
25	0.2751	0.3086	0.2741	0.3164	0.2538	0.2704	0.3147	0.3256
26	0.2936	0.3316	0.2961	0.3439	0.2679	0.2855	0.3305	0.3518
27	0.3082	0.3489	0.3081	0.3584	0.2829	0.2942	0.3377	0.3581
28	0.3180	0.3575	0.3139	0.3713	0.2895	0.2994	0.3547	0.3711
29	0.3231	0.3663	0.3240	0.3802	0.2869	0.3039	0.3561	0.3740
30	0.3254	0.3678	0.3241	0.3843	0.2984	0.3111	0.3649	0.3826
31	0.3281	0.3713	0.3268	0.3851	0.2970	0.3155	0.3664	0.3810
32	0.3300	0.3731	0.3291	0.3909	0.3009	0.3182	0.3708	0.3890
33	0.3303	0.3725	0.3297	0.3938	0.3018	0.3198	0.3697	0.3890
34	0.3329	0.3756	0.3342	0.3968	0.3015	0.3178	0.3678	0.3867
35	0.3329	0.3756	0.3307	0.3923	0.3028	0.3211	0.3747	0.3904
36	0.3319	0.3762	0.3285	0.3889	0.3044	0.3185	0.3759	0.3915
37	0.3355	0.3789	0.3320	0.3983	0.3029	0.3204	0.3761	0.3864
38	0.3315	0.3755	0.3297	0.3939	0.3025	0.3184	0.3680	0.3907
39	0.3343	0.3756	0.3291	0.3953	0.3023	0.3177	0.3753	0.3946
40	0.3337	0.3747	0.3333	0.3944	0.3024	0.3196	0.3717	0.3910
41	0.3326	0.3777	0.3314	0.3929	0.3036	0.3201	0.3748	0.3946
42	0.3324	0.3771	0.3325	0.3898	0.3018	0.3207	0.3750	0.3954
43	0.3338	0.3754	0.3322	0.3918	0.3017	0.3211	0.3739	0.3950
44	0.3286	0.3730	0.3319	0.3941	0.3035	0.3152	0.3732	0.3930
45	0.3321	0.3791	0.3336	0.3936	0.3051	0.3204	0.3720	0.3894

	Cycle	K1/K2 Run1 Av. Av. Fc						
	1	0.0007						
	2	0.0007						
	3	0.0004						
	4	0.0003						
	5	0.0006						
	6	0.0004						
	7	0.0007						
	8	0.0001						
	9	0.0005						
	10	0.0005						
	11	0.0005						
	12	0.0003						
	13	0.0002						
Eo	14	0.0019						
231.62%	15	0.0037	CV	r2	Fmax	$C_{1/2}$	k	Fb
159.89%	16	0.0072	14.33%	0.981160	0.0096	15.432	0.691	0.0004
128.89%	17	0.0127	9.45%	0.993414	0.0207	16.664	0.947	0.0004
107.52%	18	0.0235	6.95%	0.997073	0.0804	19.176	1.293	0.0004
96.65%	19	0.0396	8.22%	0.999018	0.1051	19.700	1.348	0.0004
88.93%	20	0.0682	5.16%	0.999393	0.3141	22.029	1.572	0.0003
86.25%	21	0.1101	6.50%	0.999772	0.3810	22.454	1.607	0.0003
86.98%	22	0.1614	6.34%	0.999897	0.3464	22.219	1.578	0.0003
87.99%	23	0.2160	7.28%	0.999949	0.3497	22.246	1.583	0.0003
90.10%	24	0.2602	7.28%	0.999961	0.3400	22.157	1.560	0.0003
90.11%	25	0.2936	7.53%	0.999974	0.3409	22.166	1.563	0.0003
90.00%	26	0.3163	8.00%	0.999975	0.3434	22.194	1.575	0.0003
89.25%	27	0.3309	8.02%	0.999971	0.3457	22.220	1.588	0.0002
88.12%	28	0.3402	8.40%	0.999963	0.3476	22.242	1.601	0.0002
86.95%	29	0.3484	8.40%	0.999925	0.3502	22.273	1.622	0.0001
85.81%	30	0.3504	8.67%	0.999922	0.3513	22.287	1.632	0.0000
84.75%	31	0.3528	8.46%	0.999918	0.3522	22.298	1.640	0.0000
83.74%	32	0.3558	8.75%	0.999902	0.3533	22.312	1.651	-0.0001
83.01%	33	0.3566	8.94%	0.999893	0.3541	22.322	1.659	-0.0001
82.32%	34	0.3599	8.78%	0.999859	0.3552	22.335	1.670	-0.0002
81.71%	35	0.3579	8.63%	0.999858	0.3557	22.341	1.675	-0.0002
81.30%	36	0.3564	8.61%	0.999865	0.3558	22.343	1.677	-0.0002
80.85%	37	0.3612	9.05%	0.999841	0.3565	22.351	1.685	-0.0003
80.63%	38	0.3577	8.98%	0.999847	0.3567	22.353	1.687	-0.0003
80.37%	39	0.3586	8.96%	0.999848	0.3569	22.356	1.689	-0.0003
80.11%	40	0.3590	8.51%	0.999849	0.3571	22.359	1.692	-0.0003
79.92%	41	0.3587	8.75%	0.999851	0.3573	22.361	1.693	-0.0003
79.77%	42	0.3580	8.35%	0.999855	0.3573	22.362	1.694	-0.0003
79.66%	43	0.3583	8.37%	0.999858	0.3574	22.363	1.695	-0.0003
79.58%	44	0.3569	8.96%	0.999862	0.3574	22.363	1.695	-0.0003
79.47%	45	0.3596	8.75%	0.999861	0.3576	22.365	1.697	-0.0003
90.11%				0.999975				

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	0.0008	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0002	0.0008	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	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0007
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	0.0000
0.0000	0.0001	0.0000	0.0000	0.0000	0.0007	0.0000	0.0008	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
0.0006	0.0007	0.0012	0.0009	0.0008	0.0001	0.0001	0.0004	0.0000
0.0011	0.0014	0.0011	0.0000	0.0005	0.0004	0.0012	0.0008	0.0010
0.0026	0.0011	0.0010	0.0028	0.0023	0.0029	0.0006	0.0021	0.0027
0.0046	0.0028	0.0052	0.0064	0.0032	0.0044	0.0044	0.0044	0.0043
0.0076	0.0089	0.0087	0.0095	0.0070	0.0081	0.0069	0.0076	0.0067
0.0144	0.0171	0.0164	0.0179	0.0129	0.0139	0.0136	0.0131	0.0129
0.0261	0.0308	0.0281	0.0308	0.0211	0.0257	0.0229	0.0267	0.0237
0.0490	0.0557	0.0517	0.0555	0.0388	0.0448	0.0378	0.0383	0.0399
0.0781	0.0953	0.0895	0.0940	0.0623	0.0743	0.0637	0.0672	0.0663
0.1260	0.1544	0.1429	0.1486	0.0978	0.1208	0.1023	0.1085	0.1052
0.1844	0.2235	0.2123	0.2179	0.1401	0.1744	0.1470	0.1557	0.1557
0.2429	0.2951	0.2796	0.2918	0.1788	0.2214	0.1876	0.2001	0.2069
0.2887	0.3514	0.3324	0.3473	0.2110	0.2596	0.2191	0.2382	0.2487
0.3247	0.3964	0.3676	0.3858	0.2336	0.2867	0.2445	0.2617	0.2783
0.3466	0.4194	0.3889	0.4081	0.2476	0.3031	0.2566	0.2814	0.2998
0.3596	0.4357	0.4100	0.4262	0.2546	0.3163	0.2670	0.2909	0.3121
0.3698	0.4528	0.4230	0.4405	0.2611	0.3205	0.2749	0.2971	0.3196
0.3755	0.4567	0.4301	0.4485	0.2676	0.3311	0.2795	0.3046	0.3270
0.3804	0.4622	0.4319	0.4495	0.2691	0.3289	0.2812	0.3058	0.3326
0.3834	0.4679	0.4409	0.4585	0.2709	0.3336	0.2860	0.3118	0.3370
0.3887	0.4688	0.4387	0.4563	0.2714	0.3340	0.2868	0.3117	0.3421
0.3903	0.4749	0.4396	0.4594	0.2739	0.3375	0.2864	0.3120	0.3359
0.3871	0.4757	0.4494	0.4603	0.2732	0.3377	0.2890	0.3167	0.3406
0.3929	0.4753	0.4497	0.4648	0.2767	0.3412	0.2889	0.3123	0.3379
0.3925	0.4764	0.4461	0.4660	0.2756	0.3414	0.2866	0.3121	0.3391
0.3975	0.4788	0.4516	0.4639	0.2731	0.3412	0.2900	0.3128	0.3423
0.3910	0.4782	0.4395	0.4649	0.2747	0.3399	0.2895	0.3148	0.3413
0.3946	0.4731	0.4477	0.4636	0.2769	0.3412	0.2894	0.3143	0.3382
0.3919	0.4752	0.4493	0.4590	0.2786	0.3403	0.2916	0.3162	0.3452
0.3926	0.4765	0.4483	0.4648	0.2778	0.3398	0.2899	0.3128	0.3402
0.3935	0.4767	0.4480	0.4628	0.2744	0.3422	0.2878	0.3163	0.3400
0.3891	0.4783	0.4488	0.4648	0.2772	0.3396	0.2860	0.3124	0.3412
0.3949	0.4774	0.4476	0.4649	0.2750	0.3387	0.2867	0.3147	0.3388
0.3960	0.4746	0.4468	0.4699	0.2762	0.3420	0.2877	0.3126	0.3375

Cycle	K1/K2 Run2 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0002
5	0.0001
6	0.0001
7	0.0000
8	0.0001
9	0.0000
10	0.0001
11	0.0003
12	0.0010
13	0.0005
14	0.0017
15	0.0035
16	0.0077
17	0.0141
18	0.0250
19	0.0443
20	0.0746
21	0.1176
22	0.1702
23	0.2219
24	0.2602
25	0.2911
26	0.3089
27	0.3182
28	0.3287
29	0.3302
30	0.3393
31	0.3400
32	0.3447
33	0.3451
34	0.3435
35	0.3473
36	0.3476
37	0.3465
38	0.3449
39	0.3475
40	0.3462
41	0.3483
42	0.3482
43	0.3479
44	0.3462
45	0.3467

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
1.90E-12	325.55%	14.10%	0.992233	0.6496	21.585	1.258
4.74E-10	187.44%	13.76%	0.997703	0.0353	17.467	1.121
2.93E-08	116.66%	12.36%	0.999173	0.0702	18.768	1.286
4.71E-08	110.01%	11.67%	0.999546	0.2034	20.906	1.489
2.58E-07	88.90%	10.36%	0.999829	0.2944	21.674	1.549
3.26E-07	86.31%	11.68%	0.999931	0.3339	21.960	1.577
2.66E-07	88.45%	11.43%	0.999968	0.3464	22.055	1.591
2.76E-07	88.07%	11.42%	0.999982	0.3399	21.999	1.580
2.30E-07	89.87%	11.80%	0.999962	0.3263	21.867	1.542
2.36E-07	89.61%	11.84%	0.999965	0.3306	21.913	1.559
2.61E-07	88.69%	12.59%	0.999973	0.3304	21.922	1.563
2.90E-07	87.69%	11.18%	0.999978	0.3308	21.916	1.560
3.23E-07	86.73%	12.26%	0.999952	0.3332	21.945	1.578
3.80E-07	85.26%	12.55%	0.999958	0.3336	21.949	1.581
4.10E-07	84.58%	12.03%	0.999877	0.3361	21.981	1.604
4.39E-07	83.99%	11.80%	0.999852	0.3376	21.999	1.618
4.77E-07	83.27%	12.15%	0.999781	0.3394	22.023	1.638
5.07E-07	82.73%	11.89%	0.999747	0.3407	22.039	1.651
5.54E-07	81.97%	11.74%	0.999750	0.3413	22.047	1.658
5.76E-07	81.64%	12.08%	0.999717	0.3423	22.060	1.669
5.82E-07	81.54%	12.25%	0.999694	0.3431	22.070	1.679
6.17E-07	81.04%	11.84%	0.999692	0.3435	22.076	1.684
6.25E-07	80.93%	11.99%	0.999702	0.3438	22.079	1.687
6.37E-07	80.77%	12.79%	0.999695	0.3442	22.085	1.692
6.49E-07	80.61%	12.12%	0.999700	0.3444	22.088	1.695
6.58E-07	80.49%	12.45%	0.999691	0.3448	22.093	1.700
6.63E-07	80.43%	12.69%	0.999685	0.3451	22.097	1.704
6.68E-07	80.36%	12.58%	0.999684	0.3454	22.101	1.707
6.67E-07	80.37%	12.59%	0.999690	0.3455	22.102	1.709
6.77E-07	80.26%	11.64%	0.999695	0.3456	22.104	1.710
2.30E-07	89.87%		0.999982			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0000	0.0003	0.0000
0.0000	0.0005	0.0007
0.0000	0.0001	0.0009
0.0000	0.0002	0.0000
0.0000	0.0004	0.0000
0.0003	0.0000	0.0004
0.0000	0.0000	0.0000
0.0010	0.0001	0.0000
0.0000	0.0000	0.0000
0.0001	0.0013	0.0005
0.0008	0.0012	0.0013
0.0021	0.0022	0.0028
0.0033	0.0037	0.0044
0.0077	0.0063	0.0111
0.0147	0.0143	0.0186
0.0265	0.0275	0.0325
0.0484	0.0465	0.0576
0.0798	0.0784	0.1003
0.1290	0.1227	0.1557
0.1863	0.1822	0.2253
0.2490	0.2424	0.3011
0.3033	0.2882	0.3563
0.3332	0.3211	0.3991
0.3567	0.3408	0.4233
0.3773	0.3559	0.4417
0.3844	0.3615	0.4510
0.3888	0.3680	0.4659
0.3960	0.3777	0.4741
0.4029	0.3796	0.4705
0.4041	0.3888	0.4768
0.4014	0.3863	0.4790
0.4025	0.3873	0.4826
0.4078	0.3889	0.4808
0.4102	0.3852	0.4780
0.4064	0.3856	0.4815
0.4098	0.3872	0.4794
0.4077	0.3882	0.4839
0.4109	0.3933	0.4840
0.4067	0.3856	0.4823
0.4081	0.3844	0.4809
0.4033	0.3873	0.4845
0.4059	0.3859	0.4812
0.4063	0.3876	0.4808

Cycle	K1/K2 Run3 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0001
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0000
12	0.0009
13	0.0009
14	0.0019
15	0.0048
16	0.0087
17	0.0165
18	0.0290
19	0.0530
20	0.0892
21	0.1430
22	0.2095
23	0.2774
24	0.3300
25	0.3686
26	0.3908
27	0.4079
28	0.4215
29	0.4277
30	0.4310
31	0.4377
32	0.4381
33	0.4411
34	0.4431
35	0.4457
36	0.4453
37	0.4480
38	0.4434
39	0.4448
40	0.4439
41	0.4456
42	0.4453
43	0.4453
44	0.4462
45	0.4468

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0001	2.29E-08	121.47%	9.14%	0.996038	0.0210	16.380
0.0001	6.00E-09	144.10%	9.11%	0.998672	0.0718	18.613
0.0000	3.21E-08	117.66%	7.90%	0.999577	0.1002	19.244
0.0000	1.63E-07	95.72%	6.09%	0.999688	0.6881	22.973
0.0000	2.47E-07	90.71%	8.77%	0.999882	0.3709	21.771
-0.0001	3.00E-07	88.51%	8.57%	0.999950	0.4390	22.148
-0.0001	3.30E-07	87.51%	8.29%	0.999979	0.4435	22.173
0.0000	3.04E-07	88.34%	8.62%	0.999989	0.4379	22.137
0.0000	2.26E-07	91.29%	8.69%	0.999976	0.4223	22.021
0.0000	2.60E-07	89.93%	8.57%	0.999983	0.4219	22.018
0.0000	2.68E-07	89.59%	8.19%	0.999985	0.4202	22.003
0.0000	2.61E-07	89.87%	8.31%	0.999979	0.4226	22.025
-0.0001	3.03E-07	88.49%	8.68%	0.999929	0.4269	22.066
-0.0001	3.11E-07	88.26%	8.54%	0.999907	0.4295	22.091
-0.0002	3.76E-07	86.52%	8.34%	0.999899	0.4311	22.106
-0.0003	4.21E-07	85.51%	8.65%	0.999851	0.4335	22.130
-0.0004	4.90E-07	84.16%	8.03%	0.999835	0.4349	22.144
-0.0005	5.45E-07	83.23%	8.34%	0.999810	0.4363	22.158
-0.0005	5.73E-07	82.79%	8.77%	0.999780	0.4377	22.171
-0.0006	6.24E-07	82.04%	8.24%	0.999740	0.4390	22.185
-0.0006	6.69E-07	81.44%	8.39%	0.999722	0.4400	22.195
-0.0007	6.98E-07	81.07%	7.91%	0.999686	0.4410	22.206
-0.0007	7.12E-07	80.90%	8.67%	0.999694	0.4414	22.209
-0.0007	7.40E-07	80.56%	7.88%	0.999695	0.4418	22.214
-0.0007	7.56E-07	80.38%	8.17%	0.999701	0.4421	22.217
-0.0008	7.83E-07	80.08%	8.34%	0.999701	0.4425	22.220
-0.0008	8.06E-07	79.83%	8.18%	0.999703	0.4428	22.224
-0.0008	8.24E-07	79.63%	8.83%	0.999705	0.4430	22.226
-0.0008	8.33E-07	79.55%	8.14%	0.999704	0.4433	22.229
-0.0008	8.42E-07	79.45%	8.06%	0.999701	0.4436	22.232
	2.26E-07	91.29%		0.999989		

Cycle	K1/K2 Run4 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0002
4	0.0002
5	0.0003
6	0.0000
7	0.0002
8	0.0000
9	0.0000
10	0.0004
11	0.0001
12	0.0004
13	0.0007
14	0.0020
15	0.0041
16	0.0074
17	0.0134
18	0.0241
19	0.0399
20	0.0669
21	0.1074
22	0.1543
23	0.1970
24	0.2320
25	0.2566
26	0.2722
27	0.2822
28	0.2884
29	0.2957
30	0.2963
31	0.3006
32	0.3010
33	0.3025
34	0.3042
35	0.3048
36	0.3039
37	0.3043
38	0.3047
39	0.3055
40	0.3067
41	0.3051
42	0.3052
43	0.3038
44	0.3038
45	0.3046

k	Fb	Fo	Eo	CV	r2	Fmax
1.088	0.0000	6.05E-09	150.78%	7.56%	0.996780	0.0131
1.329	0.0000	5.95E-08	112.19%	3.42%	0.998405	0.0370
1.383	0.0000	9.04E-08	106.11%	10.65%	0.999285	0.1218
1.600	-0.0001	3.99E-07	86.85%	8.20%	0.999754	0.1255
1.543	-0.0001	2.76E-07	91.21%	8.02%	0.999754	0.3127
1.578	-0.0001	3.52E-07	88.46%	9.30%	0.999889	0.4494
1.581	-0.0001	3.61E-07	88.21%	9.62%	0.999905	0.3330
1.574	-0.0001	3.42E-07	88.74%	9.38%	0.999882	0.2918
1.542	0.0000	2.66E-07	91.23%	9.34%	0.999925	0.2884
1.541	0.0000	2.64E-07	91.33%	9.02%	0.999947	0.2894
1.534	0.0000	2.49E-07	91.89%	9.22%	0.999958	0.2905
1.546	0.0000	2.76E-07	90.91%	9.66%	0.999960	0.2918
1.571	-0.0002	3.40E-07	88.98%	9.03%	0.999957	0.2930
1.588	-0.0003	3.91E-07	87.69%	9.53%	0.999899	0.2954
1.600	-0.0003	4.30E-07	86.85%	8.98%	0.999897	0.2963
1.618	-0.0005	4.97E-07	85.54%	9.23%	0.999857	0.2978
1.629	-0.0005	5.44E-07	84.74%	9.16%	0.999843	0.2987
1.641	-0.0006	5.98E-07	83.91%	9.34%	0.999826	0.2995
1.653	-0.0007	6.54E-07	83.13%	9.44%	0.999798	0.3004
1.665	-0.0008	7.17E-07	82.33%	9.33%	0.999777	0.3011
1.674	-0.0009	7.66E-07	81.76%	9.64%	0.999774	0.3015
1.684	-0.0009	8.25E-07	81.11%	9.70%	0.999771	0.3019
1.687	-0.0010	8.46E-07	80.90%	9.42%	0.999767	0.3022
1.691	-0.0010	8.72E-07	80.64%	9.32%	0.999760	0.3026
1.694	-0.0010	8.89E-07	80.47%	8.90%	0.999744	0.3030
1.697	-0.0010	9.13E-07	80.25%	8.96%	0.999745	0.3032
1.700	-0.0011	9.32E-07	80.07%	9.91%	0.999746	0.3034
1.703	-0.0011	9.49E-07	79.91%	9.27%	0.999752	0.3035
1.706	-0.0011	9.69E-07	79.74%	9.42%	0.999758	0.3035
1.708	-0.0011	9.90E-07	79.56%	9.58%	0.999761	0.3036
		2.49E-07	91.89%		0.999960	

C1/2	k	Fb	Fo	Eo
15.777	0.963	0.0001	1.00E-09	182.49%
17.731	1.261	0.0001	2.91E-08	120.94%
20.069	1.473	0.0000	1.48E-07	97.15%
20.129	1.478	0.0000	1.53E-07	96.70%
22.163	1.660	0.0000	4.96E-07	82.68%
22.996	1.723	-0.0001	7.16E-07	78.69%
22.236	1.637	0.0000	4.19E-07	84.23%
21.849	1.558	0.0001	2.38E-07	89.97%
21.811	1.547	0.0002	2.17E-07	90.88%
21.824	1.552	0.0002	2.26E-07	90.49%
21.837	1.558	0.0001	2.38E-07	89.98%
21.856	1.568	0.0001	2.59E-07	89.20%
21.872	1.579	0.0001	2.81E-07	88.42%
21.906	1.602	0.0000	3.40E-07	86.68%
21.919	1.612	-0.0001	3.68E-07	85.98%
21.940	1.628	-0.0002	4.19E-07	84.81%
21.953	1.639	-0.0002	4.55E-07	84.07%
21.966	1.649	-0.0003	4.93E-07	83.36%
21.978	1.660	-0.0003	5.35E-07	82.63%
21.989	1.670	-0.0004	5.74E-07	82.02%
21.995	1.675	-0.0004	5.99E-07	81.64%
22.001	1.680	-0.0004	6.22E-07	81.32%
22.006	1.685	-0.0005	6.45E-07	81.01%
22.011	1.690	-0.0005	6.68E-07	80.70%
22.017	1.696	-0.0005	6.97E-07	80.34%
22.020	1.699	-0.0005	7.12E-07	80.15%
22.023	1.702	-0.0005	7.26E-07	79.98%
22.024	1.702	-0.0005	7.31E-07	79.93%
22.025	1.703	-0.0005	7.35E-07	79.87%
22.027	1.705	-0.0006	7.43E-07	79.78%
			2.17E-07	90.88%

K1/K2 Run5 Av.

Cycle	Av. Fc	CV	r2
1	0.0000		
2	0.0000		
3	0.0001		
4	0.0003		
5	0.0003		
6	0.0001		
7	0.0003		
8	0.0003		
9	0.0000		
10	0.0003		
11	0.0000		
12	0.0005		
13	0.0011		
14	0.0025		
15	0.0039		
16	0.0080	27.43%	0.993210
17	0.0151	16.14%	0.998182
18	0.0276	13.33%	0.999474
19	0.0481	15.19%	0.999826
20	0.0812	17.37%	0.999910
21	0.1282	16.34%	0.999961
22	0.1874	15.31%	0.999977
23	0.2499	15.55%	0.999987
24	0.2991	14.89%	0.999973
25	0.3329	15.02%	0.999967
26	0.3552	14.46%	0.999974
27	0.3718	14.51%	0.999967
28	0.3791	14.49%	0.999970
29	0.3874	15.04%	0.999947
30	0.3951	14.94%	0.999877
31	0.3975	14.04%	0.999842
32	0.4030	13.86%	0.999764
33	0.4007	14.79%	0.999760
34	0.4033	14.65%	0.999742
35	0.4039	14.66%	0.999730
36	0.4031	14.38%	0.999731
37	0.4040	14.40%	0.999730
38	0.4044	14.23%	0.999728
39	0.4045	14.95%	0.999728
40	0.4084	14.10%	0.999700
41	0.4037	14.69%	0.999707
42	0.4034	14.60%	0.999715
43	0.4041	14.78%	0.999720
44	0.4030	14.71%	0.999727
45	0.4031	14.74%	0.999733
			0.999987

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	Cycle	K1/K2 Run1 Rep1	r2
						1	0.0009	
						2	0.0019	
						3	0.0000	
						4	0.0005	
						5	0.0008	
						6	0.0005	
						7	0.0000	
						8	0.0000	
						9	0.0006	
						10	0.0012	
						11	0.0000	
						12	0.0000	
						13	0.0002	
						14	0.0022	
						15	0.0022	
0.0702	18.864	1.378	0.0001	8.00E-08	106.57%	16	0.0061	0.964029
0.1473	20.094	1.422	0.0001	1.08E-07	102.02%	17	0.0120	0.990574
0.1444	20.059	1.421	0.0001	1.06E-07	102.18%	18	0.0232	0.997093
0.1990	20.679	1.465	0.0001	1.47E-07	97.93%	19	0.0408	0.998875
0.3209	21.677	1.547	0.0000	2.63E-07	90.87%	20	0.0655	0.999098
0.3655	21.973	1.576	0.0000	3.23E-07	88.59%	21	0.1057	0.999596
0.3987	22.194	1.607	0.0000	3.99E-07	86.34%	22	0.1550	0.999797
0.4083	22.263	1.620	0.0000	4.38E-07	85.42%	23	0.2066	0.999838
0.3919	22.131	1.585	0.0001	3.38E-07	87.94%	24	0.2456	0.999890
0.3847	22.066	1.562	0.0001	2.82E-07	89.69%	25	0.2751	0.999919
0.3835	22.054	1.557	0.0002	2.70E-07	90.09%	26	0.2936	0.999909
0.3862	22.082	1.571	0.0001	3.05E-07	88.97%	27	0.3082	0.999877
0.3871	22.091	1.577	0.0001	3.19E-07	88.54%	28	0.3180	0.999864
0.3893	22.114	1.593	0.0000	3.63E-07	87.37%	29	0.3231	0.999867
0.3923	22.146	1.616	-0.0002	4.37E-07	85.69%	30	0.3254	0.999862
0.3942	22.168	1.633	-0.0003	5.00E-07	84.51%	31	0.3281	0.999853
0.3966	22.194	1.654	-0.0004	5.88E-07	83.07%	32	0.3300	0.999853
0.3976	22.205	1.663	-0.0005	6.33E-07	82.44%	33	0.3303	0.999834
0.3987	22.217	1.674	-0.0005	6.87E-07	81.73%	34	0.3329	0.999825
0.3996	22.227	1.683	-0.0006	7.34E-07	81.16%	35	0.3329	0.999828
0.4002	22.234	1.689	-0.0006	7.66E-07	80.79%	36	0.3319	0.999802
0.4007	22.240	1.694	-0.0007	7.98E-07	80.44%	37	0.3355	0.999809
0.4012	22.245	1.699	-0.0007	8.27E-07	80.13%	38	0.3315	0.999803
0.4016	22.250	1.703	-0.0007	8.53E-07	79.87%	39	0.3343	0.999803
0.4023	22.258	1.711	-0.0008	8.99E-07	79.42%	40	0.3337	0.999808
0.4025	22.260	1.713	-0.0008	9.12E-07	79.30%	41	0.3326	0.999813
0.4026	22.261	1.714	-0.0008	9.21E-07	79.22%	42	0.3324	0.999813
0.4028	22.263	1.716	-0.0008	9.33E-07	79.11%	43	0.3338	0.999809
0.4029	22.264	1.717	-0.0008	9.38E-07	79.06%	44	0.3286	0.999813
0.4029	22.265	1.717	-0.0008	9.43E-07	79.02%	45	0.3321	0.999813
				2.70E-07	90.09%			0.999919

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0244	17.098	0.894	0.0005	1.20E-10	206.11%
0.0614	18.582	1.092	0.0005	2.49E-09	149.92%
0.0961	19.388	1.193	0.0004	8.45E-09	131.18%
0.1334	20.066	1.295	0.0004	2.49E-08	116.45%
0.2897	21.874	1.553	0.0002	2.21E-07	90.41%
0.3326	22.224	1.600	0.0002	3.10E-07	86.79%
0.3361	22.254	1.606	0.0002	3.23E-07	86.39%
0.3174	22.071	1.558	0.0003	2.23E-07	90.03%
0.3164	22.059	1.553	0.0003	2.15E-07	90.37%
0.3165	22.061	1.554	0.0003	2.17E-07	90.30%
0.3197	22.101	1.575	0.0002	2.58E-07	88.67%
0.3230	22.141	1.600	0.0001	3.15E-07	86.85%
0.3250	22.167	1.617	0.0000	3.61E-07	85.61%
0.3260	22.181	1.627	0.0000	3.91E-07	84.91%
0.3270	22.194	1.637	-0.0001	4.24E-07	84.19%
0.3280	22.206	1.647	-0.0002	4.58E-07	83.52%
0.3286	22.214	1.654	-0.0002	4.81E-07	83.07%
0.3294	22.225	1.663	-0.0002	5.18E-07	82.44%
0.3300	22.233	1.670	-0.0003	5.46E-07	81.98%
0.3303	22.237	1.674	-0.0003	5.61E-07	81.74%
0.3310	22.246	1.682	-0.0004	5.97E-07	81.22%
0.3311	22.248	1.683	-0.0004	6.02E-07	81.14%
0.3314	22.252	1.688	-0.0004	6.22E-07	80.86%
0.3317	22.256	1.691	-0.0004	6.37E-07	80.66%
0.3318	22.257	1.692	-0.0004	6.43E-07	80.57%
0.3319	22.258	1.693	-0.0004	6.48E-07	80.51%
0.3320	22.261	1.695	-0.0004	6.59E-07	80.37%
0.3318	22.258	1.693	-0.0004	6.46E-07	80.54%
0.3319	22.258	1.693	-0.0004	6.49E-07	80.50%
0.3319	22.258	1.693	-0.0004	6.49E-07	80.50%
				2.15E-07	90.37%

Cycle	K1/K2 Run1 Rep2	r2
1	0.0000	
2	0.0008	
3	0.0001	
4	0.0001	
5	0.0008	
6	0.0007	
7	0.0014	
8	0.0003	
9	0.0000	
10	0.0000	
11	0.0008	
12	0.0004	
13	0.0004	
14	0.0013	
15	0.0043	
16	0.0077	0.963617
17	0.0141	0.986254
18	0.0259	0.995149
19	0.0436	0.998337
20	0.0729	0.999199
21	0.1189	0.999609
22	0.1721	0.999794
23	0.2303	0.999895
24	0.2756	0.999917
25	0.3086	0.999942
26	0.3316	0.999954
27	0.3489	0.999928
28	0.3575	0.999926
29	0.3663	0.999888
30	0.3678	0.999892
31	0.3713	0.999885
32	0.3731	0.999879
33	0.3725	0.999884
34	0.3756	0.999872
35	0.3756	0.999867
36	0.3762	0.999863
37	0.3789	0.999840
38	0.3755	0.999845
39	0.3756	0.999849
40	0.3747	0.999854
41	0.3777	0.999850
42	0.3771	0.999849
43	0.3754	0.999853
44	0.3730	0.999855
45	0.3791	0.999845
		0.999954

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0083	15.063	0.479	0.0004	1.85E-16	705.80%
0.0234	16.684	0.932	0.0004	3.91E-10	192.48%
0.0750	18.830	1.247	0.0004	2.09E-08	122.93%
0.1123	19.627	1.339	0.0003	4.85E-08	111.00%
0.2441	21.317	1.529	0.0003	2.15E-07	92.34%
0.4713	22.815	1.665	0.0002	5.27E-07	82.33%
0.3648	22.180	1.591	0.0002	3.23E-07	87.46%
0.3749	22.259	1.606	0.0002	3.59E-07	86.37%
0.3594	22.123	1.571	0.0003	2.74E-07	89.03%
0.3566	22.096	1.561	0.0003	2.53E-07	89.79%
0.3586	22.116	1.570	0.0003	2.73E-07	89.09%
0.3630	22.164	1.595	0.0002	3.34E-07	87.21%
0.3651	22.188	1.609	0.0001	3.74E-07	86.19%
0.3680	22.221	1.631	0.0000	4.45E-07	84.63%
0.3690	22.234	1.640	0.0000	4.76E-07	84.03%
0.3702	22.248	1.650	-0.0001	5.17E-07	83.31%
0.3712	22.259	1.659	-0.0002	5.54E-07	82.70%
0.3716	22.264	1.663	-0.0002	5.71E-07	82.43%
0.3724	22.273	1.671	-0.0002	6.07E-07	81.91%
0.3729	22.280	1.677	-0.0003	6.34E-07	81.54%
0.3734	22.286	1.682	-0.0003	6.59E-07	81.21%
0.3741	22.294	1.690	-0.0003	6.97E-07	80.72%
0.3743	22.296	1.692	-0.0003	7.08E-07	80.59%
0.3745	22.298	1.694	-0.0004	7.17E-07	80.48%
0.3745	22.299	1.694	-0.0004	7.20E-07	80.44%
0.3748	22.303	1.698	-0.0004	7.38E-07	80.24%
0.3750	22.305	1.700	-0.0004	7.50E-07	80.09%
0.3751	22.306	1.700	-0.0004	7.54E-07	80.05%
0.3750	22.304	1.699	-0.0004	7.47E-07	80.13%
0.3753	22.308	1.702	-0.0004	7.64E-07	79.93%
				2.53E-07	89.79%

Cycle	K1/K2 Run1 Rep3	r2
1	0.0002	
2	0.0000	
3	0.0000	
4	0.0000	
5	0.0000	
6	0.0005	
7	0.0000	
8	0.0000	
9	0.0000	
10	0.0005	
11	0.0010	
12	0.0003	
13	0.0000	
14	0.0014	
15	0.0047	
16	0.0083	0.983756
17	0.0114	0.991123
18	0.0228	0.988777
19	0.0366	0.995835
20	0.0655	0.998296
21	0.1030	0.999206
22	0.1506	0.999649
23	0.1988	0.999817
24	0.2420	0.999890
25	0.2741	0.999925
26	0.2961	0.999942
27	0.3081	0.999955
28	0.3139	0.999958
29	0.3240	0.999923
30	0.3241	0.999931
31	0.3268	0.999932
32	0.3291	0.999925
33	0.3297	0.999922
34	0.3342	0.999876
35	0.3307	0.999880
36	0.3285	0.999886
37	0.3320	0.999883
38	0.3297	0.999888
39	0.3291	0.999892
40	0.3333	0.999882
41	0.3314	0.999884
42	0.3325	0.999882
43	0.3322	0.999881
44	0.3319	0.999882
45	0.3336	0.999876
		0.999958

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0093	15.025	0.511	0.0002	1.58E-15	607.88%
0.0125	15.482	0.714	0.0002	4.76E-12	305.81%
0.8882	24.123	1.678	0.0000	5.05E-07	81.50%
0.1307	20.473	1.562	0.0000	2.65E-07	89.71%
3.1886	26.919	1.788	0.0000	9.24E-07	74.94%
0.3717	22.581	1.652	0.0001	4.31E-07	83.18%
0.3291	22.275	1.615	0.0001	3.36E-07	85.75%
0.3158	22.156	1.592	0.0001	2.86E-07	87.40%
0.3208	22.207	1.606	0.0001	3.16E-07	86.41%
0.3230	22.231	1.614	0.0001	3.37E-07	85.82%
0.3250	22.254	1.624	0.0000	3.63E-07	85.13%
0.3247	22.251	1.622	0.0001	3.57E-07	85.26%
0.3236	22.237	1.614	0.0001	3.36E-07	85.82%
0.3260	22.268	1.634	0.0000	3.93E-07	84.42%
0.3263	22.272	1.637	0.0000	4.03E-07	84.20%
0.3269	22.280	1.643	0.0000	4.22E-07	83.79%
0.3277	22.290	1.651	-0.0001	4.48E-07	83.26%
0.3282	22.297	1.657	-0.0001	4.69E-07	82.88%
0.3293	22.312	1.669	-0.0002	5.16E-07	82.04%
0.3296	22.315	1.672	-0.0002	5.28E-07	81.84%
0.3295	22.314	1.671	-0.0002	5.23E-07	81.92%
0.3298	22.318	1.675	-0.0002	5.39E-07	81.66%
0.3298	22.319	1.675	-0.0002	5.40E-07	81.65%
0.3298	22.318	1.675	-0.0002	5.38E-07	81.69%
0.3301	22.323	1.679	-0.0002	5.55E-07	81.42%
0.3302	22.324	1.680	-0.0002	5.61E-07	81.32%
0.3304	22.327	1.683	-0.0003	5.71E-07	81.17%
0.3306	22.329	1.685	-0.0003	5.79E-07	81.06%
0.3307	22.330	1.686	-0.0003	5.85E-07	80.97%
0.3309	22.333	1.688	-0.0003	5.96E-07	80.81%
				2.86E-07	87.40%

Cycle	K1/K2 Run1 Rep4	r2
1	0.0017	
2	0.0002	
3	0.0012	
4	0.0006	
5	0.0006	
6	0.0000	
7	0.0013	
8	0.0000	
9	0.0015	
10	0.0004	
11	0.0000	
12	0.0004	
13	0.0000	
14	0.0028	
15	0.0035	
16	0.0065	0.860065
17	0.0131	0.961766
18	0.0222	0.988016
19	0.0373	0.995587
20	0.0689	0.998010
21	0.1126	0.999212
22	0.1679	0.999660
23	0.2284	0.999832
24	0.2774	0.999897
25	0.3164	0.999923
26	0.3439	0.999920
27	0.3584	0.999935
28	0.3713	0.999916
29	0.3802	0.999877
30	0.3843	0.999860
31	0.3851	0.999867
32	0.3909	0.999831
33	0.3938	0.999787
34	0.3968	0.999730
35	0.3923	0.999740
36	0.3889	0.999754
37	0.3983	0.999710
38	0.3939	0.999717
39	0.3953	0.999717
40	0.3944	0.999722
41	0.3929	0.999731
42	0.3898	0.999736
43	0.3918	0.999744
44	0.3941	0.999748
45	0.3936	0.999753
		0.999935

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0081	15.301	0.755	0.0006	1.28E-11	275.95%
0.0484	18.213	1.143	0.0006	5.83E-09	139.84%
0.0447	18.077	1.129	0.0006	4.95E-09	142.53%
0.0911	19.530	1.340	0.0006	4.24E-08	110.96%
2.4991	25.966	1.669	0.0005	4.37E-07	82.07%
0.4273	22.611	1.560	0.0005	2.17E-07	89.84%
0.3573	22.190	1.510	0.0006	1.48E-07	93.91%
0.3713	22.294	1.530	0.0006	1.74E-07	92.25%
0.3624	22.219	1.510	0.0006	1.48E-07	93.90%
0.3682	22.274	1.529	0.0005	1.74E-07	92.31%
0.3743	22.334	1.555	0.0004	2.16E-07	90.25%
0.3755	22.347	1.561	0.0004	2.28E-07	89.74%
0.3787	22.381	1.581	0.0003	2.70E-07	88.20%
0.3820	22.417	1.604	0.0002	3.26E-07	86.51%
0.3840	22.440	1.620	0.0001	3.71E-07	85.37%
0.3849	22.449	1.628	0.0001	3.94E-07	84.86%
0.3866	22.469	1.643	0.0000	4.45E-07	83.79%
0.3883	22.488	1.658	-0.0001	5.01E-07	82.76%
0.3899	22.507	1.674	-0.0002	5.66E-07	81.72%
0.3903	22.512	1.679	-0.0002	5.86E-07	81.43%
0.3902	22.510	1.677	-0.0002	5.79E-07	81.53%
0.3912	22.522	1.688	-0.0003	6.27E-07	80.84%
0.3916	22.526	1.691	-0.0003	6.44E-07	80.62%
0.3920	22.531	1.696	-0.0003	6.65E-07	80.34%
0.3922	22.534	1.698	-0.0004	6.79E-07	80.18%
0.3923	22.535	1.699	-0.0004	6.84E-07	80.12%
0.3922	22.533	1.698	-0.0004	6.75E-07	80.23%
0.3922	22.533	1.698	-0.0004	6.74E-07	80.23%
0.3923	22.535	1.699	-0.0004	6.83E-07	80.12%
0.3924	22.536	1.700	-0.0004	6.89E-07	80.05%
				1.48E-07	93.90%

Amplicon: K1/K2

No: 4.17E+04

K1/K2 Run1-5 Av.

Cycle	Av. Fc
1	0.0002
2	0.0003
3	0.0003
4	0.0004
5	0.0006
6	0.0004
7	0.0002
8	0.0001
9	0.0003
10	0.0003
11	0.0004
12	0.0003
13	0.0003
14	0.0007
15	0.0005
16	0.0005
17	0.0014
18	0.0030
19	0.0053
20	0.0094
21	0.0162
22	0.0289
23	0.0494
24	0.0802
25	0.1217
26	0.1685
27	0.2111
28	0.2431
29	0.2653
30	0.2779
31	0.2871
32	0.2940
33	0.2983
34	0.3022
35	0.3032
36	0.3051
37	0.3055
38	0.3058
39	0.3069
40	0.3067
41	0.3065
42	0.3073
43	0.3068
44	0.3067
45	0.3079

CV
122.85%
73.10%
30.82%
27.74%
16.01%
15.73%
12.24%
13.06%
12.55%
12.68%
11.87%
11.71%
11.66%
11.50%
11.67%
11.57%
11.64%
11.63%
11.72%
11.70%
11.58%
11.74%
11.61%
11.69%
11.78%
11.59%
11.50%
11.77%
11.95%
11.67%

r2	Fmax	$C_{1/2}$	k	Fb	Fo
0.987014	0.0072	18.398	0.776	0.0003	3.71E-13
0.995179	0.0200	20.230	1.146	0.0003	4.29E-10
0.998162	0.0499	22.048	1.375	0.0003	5.40E-09
0.999207	0.2398	25.190	1.594	0.0003	3.30E-08
0.999737	0.3001	25.635	1.615	0.0003	3.84E-08
0.999905	0.2958	25.603	1.613	0.0003	3.78E-08
0.999960	0.3110	25.725	1.626	0.0003	4.19E-08
0.999981	0.3076	25.695	1.621	0.0003	4.03E-08
0.999986	0.3003	25.620	1.605	0.0003	3.49E-08
0.999986	0.2958	25.568	1.588	0.0003	3.02E-08
0.999990	0.2955	25.564	1.587	0.0003	2.99E-08
0.999991	0.2947	25.553	1.582	0.0003	2.84E-08
0.999990	0.2955	25.565	1.588	0.0003	3.02E-08
0.999973	0.2971	25.587	1.602	0.0003	3.45E-08
0.999951	0.2986	25.608	1.617	0.0002	3.94E-08
0.999914	0.3001	25.631	1.633	0.0002	4.60E-08
0.999898	0.3011	25.646	1.645	0.0001	5.09E-08
0.999878	0.3021	25.660	1.656	0.0001	5.64E-08
0.999867	0.3027	25.670	1.665	0.0000	6.07E-08
0.999862	0.3033	25.678	1.671	0.0000	6.43E-08
0.999853	0.3038	25.685	1.678	0.0000	6.82E-08
0.999849	0.3042	25.691	1.683	0.0000	7.12E-08
0.999850	0.3044	25.695	1.686	-0.0001	7.34E-08
0.999846	0.3047	25.700	1.690	-0.0001	7.61E-08
0.999847	0.3049	25.703	1.693	-0.0001	7.78E-08
0.999849	0.3051	25.705	1.695	-0.0001	7.93E-08
0.999846	0.3053	25.709	1.699	-0.0001	8.15E-08
0.999991					2.84E-08

	Run#1				Run#2			
Cycle	Rep#1	Rep#2	Rep#3	Rep#4	Rep#1	Rep#2	Rep#3	Rep#4
1	0.0010	0.0006	0.0000	0.0016	0.0000	0.0000	0.0000	0.0000
2	0.0014	0.0008	0.0000	0.0034	0.0000	0.0000	0.0000	0.0000
3	0.0009	0.0007	0.0000	0.0021	0.0000	0.0002	0.0000	0.0000
4	0.0016	0.0004	0.0000	0.0018	0.0000	0.0016	0.0009	0.0003
5	0.0000	0.0022	0.0023	0.0015	0.0005	0.0000	0.0009	0.0005
6	0.0013	0.0015	0.0009	0.0016	0.0000	0.0000	0.0000	0.0016
7	0.0006	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0004
8	0.0007	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.0002	0.0014	0.0000	0.0009	0.0000	0.0000	0.0000	0.0002
10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0013	0.0000
11	0.0000	0.0007	0.0007	0.0008	0.0010	0.0000	0.0012	0.0005
12	0.0009	0.0000	0.0009	0.0000	0.0000	0.0001	0.0004	0.0003
13	0.0000	0.0000	0.0000	0.0000	0.0011	0.0011	0.0005	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0015	0.0000	0.0001	0.0026
15	0.0017	0.0003	0.0000	0.0000	0.0000	0.0014	0.0000	0.0018
16	0.0000	0.0009	0.0000	0.0000	0.0000	0.0011	0.0003	0.0000
17	0.0001	0.0006	0.0006	0.0027	0.0009	0.0007	0.0015	0.0033
18	0.0017	0.0024	0.0025	0.0011	0.0033	0.0020	0.0037	0.0042
19	0.0037	0.0051	0.0023	0.0040	0.0035	0.0058	0.0061	0.0072
20	0.0073	0.0084	0.0063	0.0086	0.0094	0.0120	0.0096	0.0092
21	0.0141	0.0129	0.0135	0.0131	0.0167	0.0194	0.0173	0.0164
22	0.0258	0.0265	0.0251	0.0262	0.0284	0.0331	0.0302	0.0287
23	0.0449	0.0434	0.0424	0.0451	0.0492	0.0569	0.0507	0.0477
24	0.0709	0.0699	0.0715	0.0750	0.0787	0.0880	0.0843	0.0775
25	0.1100	0.1087	0.1107	0.1141	0.1205	0.1349	0.1260	0.1191
26	0.1564	0.1536	0.1582	0.1626	0.1672	0.1812	0.1690	0.1625
27	0.1970	0.1985	0.2021	0.2139	0.2031	0.2232	0.2071	0.2013
28	0.2343	0.2331	0.2385	0.2540	0.2335	0.2589	0.2377	0.2301
29	0.2559	0.2565	0.2610	0.2786	0.2522	0.2785	0.2526	0.2502
30	0.2689	0.2704	0.2748	0.2930	0.2632	0.2930	0.2715	0.2601
31	0.2789	0.2767	0.2850	0.3003	0.2728	0.2969	0.2749	0.2703
32	0.2859	0.2842	0.2922	0.3118	0.2796	0.3066	0.2834	0.2750
33	0.2910	0.2933	0.3007	0.3156	0.2803	0.3120	0.2850	0.2794
34	0.2953	0.2924	0.3022	0.3225	0.2835	0.3150	0.2853	0.2846
35	0.2946	0.2956	0.3010	0.3223	0.2859	0.3148	0.2869	0.2847
36	0.2956	0.2977	0.3070	0.3246	0.2899	0.3188	0.2911	0.2895
37	0.2989	0.2990	0.3057	0.3220	0.2874	0.3188	0.2916	0.2879
38	0.2984	0.2974	0.3040	0.3224	0.2853	0.3168	0.2878	0.2879
39	0.2965	0.3009	0.3060	0.3240	0.2885	0.3184	0.2942	0.2881
40	0.2987	0.2986	0.3052	0.3251	0.2874	0.3160	0.2939	0.2841
41	0.2971	0.3018	0.3036	0.3239	0.2929	0.3217	0.2949	0.2856
42	0.2971	0.2986	0.3044	0.3252	0.2873	0.3213	0.2949	0.2869
43	0.2994	0.2990	0.3059	0.3256	0.2883	0.3211	0.2902	0.2869
44	0.2990	0.3031	0.3032	0.3244	0.2890	0.3192	0.2945	0.2850
45	0.2970	0.2991	0.3054	0.3255	0.2916	0.3217	0.2942	0.2883

	Cycle	K1/K2 Run1 Av. Av. Fc						
	1	0.0008						
	2	0.0014						
	3	0.0009						
	4	0.0010						
	5	0.0015						
	6	0.0013						
	7	0.0002						
	8	0.0003						
	9	0.0006						
	10	0.0000						
	11	0.0006						
	12	0.0005						
	13	0.0000						
	14	0.0000						
	15	0.0005						
	16	0.0002						
	17	0.0010						
Eo	18	0.0019	CV	r2	Fmax	$C_{1/2}$	k	Fb
262.53%	19	0.0038	30.54%	0.736483	0.0040	18.329	0.487	0.0006
139.39%	20	0.0077	13.94%	0.932960	0.0131	19.879	0.794	0.0006
106.99%	21	0.0134	3.95%	0.980228	0.0217	20.666	0.929	0.0006
87.23%	22	0.0259	2.34%	0.993620	0.1163	23.660	1.295	0.0006
85.73%	23	0.0440	2.92%	0.997966	0.1120	23.590	1.289	0.0006
85.88%	24	0.0718	3.09%	0.999158	0.1815	24.621	1.420	0.0005
84.96%	25	0.1109	2.08%	0.999571	0.2609	25.480	1.534	0.0005
85.29%	26	0.1577	2.39%	0.999777	0.2996	25.845	1.592	0.0004
86.49%	27	0.2029	3.77%	0.999881	0.3024	25.873	1.598	0.0004
87.67%	28	0.2400	4.01%	0.999927	0.3034	25.884	1.601	0.0004
87.78%	29	0.2630	4.05%	0.999937	0.2987	25.827	1.580	0.0005
88.17%	30	0.2768	4.01%	0.999942	0.2961	25.794	1.565	0.0005
87.69%	31	0.2852	3.73%	0.999951	0.2953	25.784	1.559	0.0005
86.66%	32	0.2935	4.31%	0.999942	0.2969	25.805	1.573	0.0005
85.62%	33	0.3002	3.70%	0.999892	0.2992	25.838	1.595	0.0004
84.45%	34	0.3031	4.48%	0.999859	0.3009	25.862	1.612	0.0003
83.67%	35	0.3034	4.26%	0.999857	0.3017	25.874	1.621	0.0003
82.91%	36	0.3062	4.32%	0.999835	0.3028	25.889	1.634	0.0002
82.35%	37	0.3064	3.55%	0.999829	0.3035	25.899	1.642	0.0002
81.93%	38	0.3056	3.80%	0.999835	0.3038	25.904	1.646	0.0002
81.49%	39	0.3069	3.93%	0.999833	0.3042	25.910	1.652	0.0002
81.17%	40	0.3069	4.08%	0.999834	0.3045	25.915	1.656	0.0001
80.94%	41	0.3066	3.87%	0.999838	0.3048	25.918	1.659	0.0001
80.68%	42	0.3063	4.23%	0.999843	0.3049	25.921	1.661	0.0001
80.51%	43	0.3075	4.06%	0.999843	0.3051	25.924	1.664	0.0001
80.37%	44	0.3074	3.74%	0.999844	0.3053	25.927	1.666	0.0001
80.17%	45	0.3068	4.24%	0.999847	0.3054	25.928	1.668	0.0001
88.17%				0.999951				

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	0.0003	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0008	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0007
0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0010	0.0000	0.0000
0.0000	0.0000	0.0013	0.0002	0.0005	0.0000	0.0012	0.0002	0.0000
0.0000	0.0003	0.0001	0.0000	0.0007	0.0000	0.0000	0.0000	0.0001
0.0001	0.0000	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0003	0.0002	0.0000	0.0000	0.0000	0.0000	0.0010
0.0000	0.0000	0.0000	0.0000	0.0006	0.0008	0.0007	0.0000	0.0000
0.0005	0.0000	0.0005	0.0000	0.0000	0.0000	0.0004	0.0000	0.0015
0.0000	0.0000	0.0014	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0004	0.0000	0.0007	0.0012	0.0004	0.0003	0.0002
0.0000	0.0003	0.0000	0.0000	0.0000	0.0004	0.0000	0.0008	0.0000
0.0018	0.0013	0.0000	0.0015	0.0013	0.0016	0.0007	0.0002	0.0000
0.0000	0.0008	0.0002	0.0007	0.0000	0.0005	0.0011	0.0000	0.0004
0.0008	0.0000	0.0000	0.0020	0.0001	0.0009	0.0010	0.0004	0.0002
0.0025	0.0023	0.0008	0.0027	0.0021	0.0004	0.0022	0.0012	0.0009
0.0040	0.0025	0.0026	0.0026	0.0026	0.0037	0.0044	0.0035	0.0033
0.0063	0.0076	0.0081	0.0057	0.0047	0.0054	0.0042	0.0045	0.0060
0.0102	0.0091	0.0107	0.0107	0.0084	0.0078	0.0091	0.0088	0.0088
0.0190	0.0197	0.0171	0.0163	0.0148	0.0157	0.0122	0.0139	0.0166
0.0331	0.0338	0.0294	0.0296	0.0248	0.0267	0.0243	0.0238	0.0286
0.0610	0.0577	0.0519	0.0518	0.0415	0.0456	0.0410	0.0419	0.0493
0.0952	0.0956	0.0852	0.0836	0.0690	0.0731	0.0664	0.0683	0.0779
0.1458	0.1470	0.1270	0.1281	0.1008	0.1102	0.0973	0.1038	0.1172
0.2034	0.2023	0.1745	0.1780	0.1405	0.1540	0.1375	0.1430	0.1622
0.2550	0.2550	0.2180	0.2231	0.1723	0.1910	0.1733	0.1793	0.2057
0.2929	0.2908	0.2546	0.2578	0.1974	0.2152	0.1941	0.2041	0.2384
0.3183	0.3182	0.2787	0.2774	0.2218	0.2360	0.2103	0.2245	0.2624
0.3317	0.3345	0.2903	0.2899	0.2256	0.2482	0.2211	0.2316	0.2772
0.3440	0.3449	0.3030	0.3022	0.2387	0.2548	0.2271	0.2424	0.2853
0.3489	0.3543	0.3092	0.3062	0.2418	0.2618	0.2325	0.2464	0.2934
0.3540	0.3599	0.3149	0.3119	0.2459	0.2645	0.2361	0.2495	0.2967
0.3630	0.3637	0.3187	0.3162	0.2478	0.2689	0.2382	0.2546	0.3019
0.3668	0.3669	0.3226	0.3179	0.2493	0.2673	0.2441	0.2538	0.3026
0.3637	0.3664	0.3234	0.3204	0.2539	0.2689	0.2405	0.2540	0.3024
0.3682	0.3707	0.3245	0.3209	0.2539	0.2714	0.2394	0.2550	0.3022
0.3669	0.3673	0.3233	0.3216	0.2529	0.2731	0.2436	0.2576	0.3053
0.3693	0.3656	0.3289	0.3240	0.2512	0.2728	0.2406	0.2589	0.3063
0.3692	0.3707	0.3309	0.3235	0.2549	0.2718	0.2404	0.2583	0.3052
0.3675	0.3709	0.3233	0.3218	0.2546	0.2732	0.2393	0.2577	0.3051
0.3683	0.3709	0.3277	0.3200	0.2530	0.2754	0.2453	0.2610	0.3078
0.3684	0.3741	0.3282	0.3237	0.2525	0.2721	0.2440	0.2542	0.3072
0.3686	0.3717	0.3317	0.3222	0.2518	0.2696	0.2410	0.2563	0.3043
0.3680	0.3732	0.3309	0.3219	0.2558	0.2701	0.2448	0.2577	0.3085

Cycle	K1/K2 Run2 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0001
4	0.0007
5	0.0005
6	0.0004
7	0.0001
8	0.0000
9	0.0001
10	0.0006
11	0.0007
12	0.0002
13	0.0007
14	0.0011
15	0.0008
16	0.0004
17	0.0016
18	0.0033
19	0.0057
20	0.0101
21	0.0175
22	0.0301
23	0.0511
24	0.0821
25	0.1251
26	0.1700
27	0.2087
28	0.2401
29	0.2584
30	0.2720
31	0.2787
32	0.2862
33	0.2892
34	0.2921
35	0.2931
36	0.2973
37	0.2964
38	0.2945
39	0.2973
40	0.2954
41	0.2988
42	0.2976
43	0.2966
44	0.2969
45	0.2990

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
1.74E-19	680.55%	27.51%	0.950182	0.0085	18.552	0.862
1.75E-13	252.38%	13.04%	0.984565	0.0314	21.039	1.301
4.75E-12	193.38%	7.75%	0.995034	0.0687	22.596	1.450
1.35E-09	116.43%	7.14%	0.998315	0.1640	24.378	1.580
1.26E-09	117.25%	7.90%	0.999405	0.3242	25.795	1.662
5.33E-09	102.26%	5.98%	0.999781	0.3111	25.704	1.655
1.60E-08	91.89%	5.73%	0.999906	0.3491	25.987	1.684
2.67E-08	87.42%	4.69%	0.999922	0.3007	25.575	1.621
2.81E-08	86.98%	4.78%	0.999933	0.2849	25.406	1.580
2.88E-08	86.76%	5.39%	0.999955	0.2871	25.433	1.589
2.38E-08	88.30%	5.21%	0.999963	0.2850	25.405	1.578
2.06E-08	89.44%	5.46%	0.999968	0.2861	25.421	1.585
1.95E-08	89.88%	4.40%	0.999974	0.2864	25.425	1.588
2.22E-08	88.86%	4.91%	0.999950	0.2883	25.452	1.605
2.75E-08	87.22%	5.33%	0.999937	0.2895	25.470	1.617
3.25E-08	85.95%	5.23%	0.999918	0.2906	25.487	1.630
3.54E-08	85.29%	4.95%	0.999910	0.2914	25.499	1.639
3.97E-08	84.44%	4.82%	0.999856	0.2927	25.518	1.655
4.29E-08	83.86%	5.07%	0.999843	0.2934	25.529	1.664
4.45E-08	83.58%	5.08%	0.999852	0.2936	25.532	1.667
4.67E-08	83.21%	4.82%	0.999841	0.2941	25.540	1.674
4.86E-08	82.93%	4.86%	0.999847	0.2942	25.542	1.676
4.98E-08	82.74%	5.29%	0.999828	0.2947	25.550	1.683
5.07E-08	82.61%	5.45%	0.999825	0.2950	25.555	1.687
5.21E-08	82.41%	5.52%	0.999829	0.2952	25.557	1.689
5.33E-08	82.25%	5.17%	0.999832	0.2953	25.559	1.691
5.39E-08	82.16%	5.14%	0.999823	0.2956	25.564	1.695
1.95E-08	89.88%		0.999974			

Run#5		
Rep#2	Rep#3	Rep#4
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0001	0.0000	0.0000
0.0000	0.0000	0.0000
0.0005	0.0000	0.0000
0.0000	0.0000	0.0000
0.0010	0.0010	0.0000
0.0000	0.0000	0.0001
0.0000	0.0004	0.0001
0.0002	0.0000	0.0000
0.0018	0.0000	0.0001
0.0000	0.0010	0.0000
0.0006	0.0007	0.0003
0.0015	0.0000	0.0008
0.0000	0.0011	0.0006
0.0003	0.0000	0.0012
0.0000	0.0029	0.0003
0.0028	0.0048	0.0032
0.0063	0.0057	0.0039
0.0120	0.0116	0.0091
0.0214	0.0189	0.0153
0.0359	0.0331	0.0306
0.0609	0.0567	0.0484
0.1008	0.0903	0.0822
0.1490	0.1386	0.1254
0.2055	0.1882	0.1703
0.2542	0.2347	0.2150
0.2888	0.2632	0.2454
0.3163	0.2897	0.2676
0.3325	0.2984	0.2824
0.3427	0.3141	0.2876
0.3538	0.3168	0.2961
0.3553	0.3243	0.2959
0.3572	0.3298	0.3037
0.3577	0.3277	0.3024
0.3628	0.3282	0.3037
0.3603	0.3285	0.3046
0.3648	0.3328	0.3063
0.3656	0.3296	0.3083
0.3617	0.3328	0.3061
0.3614	0.3278	0.3053
0.3641	0.3301	0.3069
0.3575	0.3310	0.3064
0.3633	0.3321	0.3046
0.3648	0.3302	0.3091

Cycle	K1/K2 Run3 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0004
6	0.0001
7	0.0000
8	0.0001
9	0.0000
10	0.0003
11	0.0004
12	0.0001
13	0.0001
14	0.0012
15	0.0004
16	0.0007
17	0.0021
18	0.0029
19	0.0069
20	0.0102
21	0.0180
22	0.0315
23	0.0556
24	0.0899
25	0.1370
26	0.1896
27	0.2378
28	0.2740
29	0.2982
30	0.3116
31	0.3235
32	0.3297
33	0.3352
34	0.3404
35	0.3436
36	0.3435
37	0.3461
38	0.3448
39	0.3470
40	0.3486
41	0.3459
42	0.3467
43	0.3486
44	0.3486
45	0.3485

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0003	3.82E-12	218.98%	16.10%	0.973529	1.4035	26.253
0.0003	2.96E-09	115.74%	7.41%	0.987434	0.0165	19.493
0.0003	1.17E-08	99.30%	8.82%	0.994506	0.1087	23.677
0.0003	3.27E-08	88.31%	7.31%	0.998134	1.0067	28.090
0.0003	5.87E-08	82.55%	8.16%	0.999380	9.1240	32.031
0.0003	5.61E-08	82.96%	7.10%	0.999674	0.3887	25.986
0.0002	6.95E-08	81.08%	7.96%	0.999867	0.3627	25.820
0.0003	4.22E-08	85.33%	8.14%	0.999934	0.3460	25.692
0.0004	2.97E-08	88.28%	8.41%	0.999960	0.3382	25.621
0.0003	3.21E-08	87.64%	7.53%	0.999970	0.3335	25.573
0.0004	2.89E-08	88.49%	7.79%	0.999977	0.3319	25.555
0.0004	3.11E-08	87.90%	7.98%	0.999978	0.3302	25.535
0.0003	3.19E-08	87.71%	7.47%	0.999970	0.3321	25.559
0.0003	3.74E-08	86.46%	7.73%	0.999963	0.3335	25.576
0.0002	4.19E-08	85.59%	7.54%	0.999939	0.3353	25.598
0.0002	4.71E-08	84.69%	7.79%	0.999886	0.3373	25.625
0.0002	5.11E-08	84.06%	7.85%	0.999833	0.3392	25.649
0.0001	5.90E-08	82.97%	7.27%	0.999819	0.3402	25.663
0.0001	6.39E-08	82.37%	7.82%	0.999789	0.3414	25.679
0.0001	6.52E-08	82.22%	7.48%	0.999788	0.3420	25.687
0.0000	6.93E-08	81.76%	6.86%	0.999773	0.3427	25.697
0.0000	7.06E-08	81.62%	7.14%	0.999749	0.3435	25.707
0.0000	7.49E-08	81.18%	7.80%	0.999754	0.3438	25.711
0.0000	7.76E-08	80.92%	7.68%	0.999756	0.3441	25.715
0.0000	7.90E-08	80.79%	7.55%	0.999746	0.3446	25.722
0.0000	8.04E-08	80.65%	7.25%	0.999740	0.3450	25.727
-0.0001	8.33E-08	80.40%	7.42%	0.999737	0.3453	25.731
	2.89E-08	88.49%		0.999978		

Cycle	K1/K2 Run4 Av. Av. Fc
1	0.0001
2	0.0003
3	0.0002
4	0.0003
5	0.0005
6	0.0002
7	0.0002
8	0.0000
9	0.0005
10	0.0001
11	0.0001
12	0.0007
13	0.0003
14	0.0010
15	0.0004
16	0.0006
17	0.0015
18	0.0036
19	0.0047
20	0.0085
21	0.0142
22	0.0249
23	0.0425
24	0.0692
25	0.1030
26	0.1438
27	0.1790
28	0.2027
29	0.2232
30	0.2316
31	0.2408
32	0.2456
33	0.2490
34	0.2524
35	0.2536
36	0.2543
37	0.2549
38	0.2568
39	0.2559
40	0.2564
41	0.2562
42	0.2587
43	0.2557
44	0.2547
45	0.2571

k	Fb	Fo	Eo	CV	r2	Fmax
1.357	0.0001	5.55E-09	108.96%	10.85%	0.967958	0.0048
1.096	0.0002	3.13E-10	148.94%	6.59%	0.982718	0.0357
1.645	0.0001	6.10E-08	83.66%	10.55%	0.993994	0.0681
1.771	0.0001	1.31E-07	75.86%	5.09%	0.997893	1.3912
1.771	0.0001	1.28E-07	75.86%	4.94%	0.999293	0.7953
1.653	0.0001	5.79E-08	83.11%	4.08%	0.999727	0.3546
1.637	0.0002	5.10E-08	84.23%	5.31%	0.999854	0.2523
1.617	0.0002	4.33E-08	85.63%	5.00%	0.999923	0.2718
1.601	0.0002	3.78E-08	86.79%	4.80%	0.999936	0.2559
1.586	0.0002	3.30E-08	87.88%	4.60%	0.999899	0.2437
1.579	0.0003	3.09E-08	88.42%	4.73%	0.999916	0.2468
1.569	0.0003	2.83E-08	89.14%	5.12%	0.999928	0.2452
1.582	0.0002	3.20E-08	88.15%	4.74%	0.999926	0.2467
1.593	0.0002	3.56E-08	87.32%	4.98%	0.999920	0.2480
1.609	0.0001	4.11E-08	86.20%	4.73%	0.999908	0.2492
1.628	0.0000	4.94E-08	84.80%	5.11%	0.999876	0.2505
1.647	0.0000	5.85E-08	83.52%	3.92%	0.999857	0.2514
1.658	-0.0001	6.48E-08	82.76%	4.56%	0.999847	0.2521
1.671	-0.0002	7.25E-08	81.91%	5.13%	0.999841	0.2526
1.678	-0.0002	7.70E-08	81.47%	4.80%	0.999817	0.2533
1.687	-0.0002	8.30E-08	80.91%	5.30%	0.999816	0.2537
1.696	-0.0003	8.98E-08	80.33%	5.03%	0.999813	0.2540
1.700	-0.0003	9.26E-08	80.10%	5.42%	0.999814	0.2542
1.704	-0.0003	9.58E-08	79.85%	4.97%	0.999789	0.2547
1.709	-0.0003	1.00E-07	79.51%	4.62%	0.999796	0.2548
1.714	-0.0004	1.04E-07	79.23%	4.65%	0.999804	0.2548
1.718	-0.0004	1.08E-07	78.99%	4.03%	0.999802	0.2550
		2.83E-08	89.14%		0.999928	

Cycle	K1/K2 Run5 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0002
4	0.0000
5	0.0001
6	0.0000
7	0.0005
8	0.0003
9	0.0001
10	0.0004
11	0.0005
12	0.0003
13	0.0004
14	0.0006
15	0.0005
16	0.0004
17	0.0010
18	0.0035
19	0.0055
20	0.0104
21	0.0181
22	0.0321
23	0.0538
24	0.0878
25	0.1326
26	0.1816
27	0.2274
28	0.2590
29	0.2840
30	0.2976
31	0.3074
32	0.3150
33	0.3181
34	0.3232
35	0.3226
36	0.3243
37	0.3239
38	0.3273
39	0.3275
40	0.3265
41	0.3249
42	0.3272
43	0.3255
44	0.3261
45	0.3282

$C_{1/2}$	k	Fb	Fo	Eo	CV	r2
17.596	0.558	0.0003	9.46E-17	500.71%	19.69%	0.982094
21.835	1.522	0.0002	2.10E-08	92.90%	15.98%	0.990025
23.206	1.623	0.0002	4.18E-08	85.21%	14.87%	0.996773
29.166	1.784	0.0002	1.10E-07	75.17%	9.86%	0.998790
28.101	1.771	0.0002	1.02E-07	75.89%	11.16%	0.999586
26.430	1.711	0.0002	6.91E-08	79.43%	11.48%	0.999825
25.609	1.632	0.0003	3.86E-08	84.56%	10.62%	0.999928
25.817	1.665	0.0003	5.01E-08	82.33%	10.64%	0.999962
25.629	1.623	0.0003	3.56E-08	85.15%	9.49%	0.999979
25.460	1.571	0.0004	2.22E-08	89.02%	8.68%	0.999963
25.507	1.590	0.0004	2.65E-08	87.59%	8.65%	0.999969
25.482	1.577	0.0004	2.36E-08	88.52%	8.38%	0.999976
25.507	1.592	0.0003	2.71E-08	87.43%	8.75%	0.999975
25.529	1.606	0.0003	3.08E-08	86.42%	8.85%	0.999956
25.549	1.619	0.0003	3.50E-08	85.45%	8.84%	0.999951
25.571	1.636	0.0002	4.08E-08	84.28%	8.06%	0.999915
25.588	1.649	0.0002	4.58E-08	83.40%	8.13%	0.999914
25.600	1.659	0.0001	4.99E-08	82.74%	8.72%	0.999909
25.609	1.667	0.0001	5.36E-08	82.21%	8.34%	0.999912
25.621	1.677	0.0001	5.86E-08	81.55%	8.57%	0.999890
25.628	1.683	0.0001	6.16E-08	81.18%	8.41%	0.999877
25.634	1.688	0.0000	6.45E-08	80.84%	8.20%	0.999877
25.638	1.692	0.0000	6.67E-08	80.59%	8.18%	0.999882
25.647	1.699	0.0000	7.10E-08	80.13%	8.20%	0.999879
25.648	1.701	0.0000	7.20E-08	80.03%	7.43%	0.999883
25.648	1.701	0.0000	7.19E-08	80.04%	8.60%	0.999886
25.652	1.704	0.0000	7.38E-08	79.85%	8.06%	0.999879
			2.36E-08	88.52%		0.999976

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0057	17.865	0.477	0.0003	3.06E-19	714.08%
0.0276	20.651	1.192	0.0002	8.23E-10	131.43%
0.0537	21.936	1.338	0.0002	4.08E-09	111.14%
0.1902	24.480	1.546	0.0002	2.52E-08	90.96%
0.2298	24.868	1.571	0.0002	3.07E-08	88.98%
0.3421	25.752	1.643	0.0001	5.32E-08	83.81%
0.3393	25.732	1.641	0.0001	5.24E-08	83.95%
0.3227	25.593	1.618	0.0002	4.38E-08	85.49%
0.3223	25.589	1.618	0.0002	4.34E-08	85.56%
0.3126	25.484	1.585	0.0002	3.24E-08	87.96%
0.3152	25.515	1.597	0.0002	3.63E-08	87.04%
0.3154	25.517	1.598	0.0002	3.67E-08	86.97%
0.3165	25.532	1.607	0.0002	3.97E-08	86.35%
0.3185	25.558	1.623	0.0001	4.59E-08	85.21%
0.3195	25.572	1.632	0.0001	5.01E-08	84.54%
0.3212	25.595	1.649	0.0000	5.82E-08	83.40%
0.3218	25.604	1.656	0.0000	6.18E-08	82.94%
0.3225	25.613	1.663	-0.0001	6.60E-08	82.45%
0.3228	25.618	1.667	-0.0001	6.83E-08	82.20%
0.3235	25.628	1.676	-0.0001	7.38E-08	81.62%
0.3241	25.636	1.683	-0.0001	7.84E-08	81.17%
0.3244	25.641	1.687	-0.0002	8.10E-08	80.92%
0.3245	25.642	1.688	-0.0002	8.17E-08	80.87%
0.3248	25.646	1.691	-0.0002	8.43E-08	80.63%
0.3249	25.647	1.692	-0.0002	8.51E-08	80.56%
0.3250	25.649	1.694	-0.0002	8.62E-08	80.47%
0.3253	25.652	1.697	-0.0002	8.87E-08	80.26%
				3.24E-08	87.96%

Cycle	K1/K2 Run1 Rep1	r2
1	0.0010	
2	0.0014	
3	0.0000	
4	0.0016	
5	0.0000	
6	0.0013	
7	0.0006	
8	0.0007	
9	0.0002	
10	0.0000	
11	0.0000	
12	0.0009	
13	0.0000	
14	0.0000	
15	0.0017	
16	0.0000	
17	0.0001	
18	0.0017	
19	0.0037	
20	0.0073	0.880730
21	0.0141	0.967065
22	0.0258	0.990252
23	0.0449	0.996743
24	0.0709	0.998756
25	0.1100	0.999193
26	0.1564	0.999595
27	0.1970	0.999758
28	0.2343	0.999831
29	0.2559	0.999873
30	0.2689	0.999892
31	0.2789	0.999913
32	0.2859	0.999913
33	0.2910	0.999894
34	0.2953	0.999854
35	0.2946	0.999860
36	0.2956	0.999863
37	0.2989	0.999838
38	0.2984	0.999833
39	0.2965	0.999842
40	0.2987	0.999839
41	0.2971	0.999846
42	0.2971	0.999852
43	0.2994	0.999848
44	0.2990	0.999847
45	0.2970	0.999852
		0.999913

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0088	19.316	0.576	0.0006	2.35E-17	468.06%
0.0256	20.897	0.906	0.0005	2.44E-12	201.68%
0.0596	22.346	1.121	0.0005	1.31E-10	144.04%
0.1172	23.639	1.285	0.0005	1.21E-09	117.71%
0.1491	24.153	1.356	0.0005	2.73E-09	109.09%
0.2582	25.481	1.553	0.0004	1.94E-08	90.37%
0.3034	25.911	1.620	0.0003	3.43E-08	85.39%
0.2845	25.718	1.579	0.0004	2.41E-08	88.37%
0.2941	25.830	1.612	0.0003	3.22E-08	85.98%
0.2902	25.781	1.594	0.0003	2.74E-08	87.29%
0.2877	25.747	1.578	0.0004	2.37E-08	88.43%
0.2882	25.755	1.583	0.0004	2.47E-08	88.12%
0.2897	25.775	1.595	0.0003	2.78E-08	87.20%
0.2913	25.799	1.611	0.0003	3.23E-08	86.03%
0.2930	25.825	1.630	0.0002	3.85E-08	84.71%
0.2937	25.835	1.637	0.0002	4.11E-08	84.21%
0.2942	25.842	1.643	0.0002	4.34E-08	83.79%
0.2951	25.856	1.654	0.0001	4.81E-08	83.03%
0.2956	25.865	1.661	0.0001	5.12E-08	82.56%
0.2958	25.867	1.663	0.0001	5.20E-08	82.45%
0.2961	25.872	1.668	0.0001	5.43E-08	82.13%
0.2962	25.874	1.669	0.0001	5.50E-08	82.04%
0.2963	25.875	1.670	0.0001	5.55E-08	81.96%
0.2966	25.879	1.674	0.0000	5.75E-08	81.71%
0.2968	25.883	1.677	0.0000	5.89E-08	81.53%
0.2968	25.883	1.677	0.0000	5.90E-08	81.52%
				2.37E-08	88.43%

Cycle	K1/K2 Run1 Rep2	r2
1	0.0006	
2	0.0008	
3	0.0007	
4	0.0004	
5	0.0022	
6	0.0015	
7	0.0000	
8	0.0000	
9	0.0014	
10	0.0000	
11	0.0007	
12	0.0000	
13	0.0000	
14	0.0000	
15	0.0003	
16	0.0009	
17	0.0006	
18	0.0024	
19	0.0051	
20	0.0084	0.918241
21	0.0129	0.966103
22	0.0265	0.986628
23	0.0434	0.995204
24	0.0699	0.998193
25	0.1087	0.999172
26	0.1536	0.999622
27	0.1985	0.999800
28	0.2331	0.999866
29	0.2565	0.999898
30	0.2704	0.999915
31	0.2767	0.999913
32	0.2842	0.999924
33	0.2933	0.999835
34	0.2924	0.999843
35	0.2956	0.999830
36	0.2977	0.999809
37	0.2990	0.999788
38	0.2974	0.999795
39	0.3009	0.999769
40	0.2986	0.999775
41	0.3018	0.999752
42	0.2986	0.999761
43	0.2990	0.999768
44	0.3031	0.999741
45	0.2991	0.999749
		0.999924

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0097	19.065	0.658	0.0006	2.52E-15	357.19%
0.0167	20.045	0.946	0.0006	1.06E-11	187.69%
1.1845	27.799	1.522	0.0005	1.39E-08	92.90%
0.1320	24.025	1.408	0.0005	5.11E-09	103.48%
0.1881	24.806	1.496	0.0005	1.19E-08	95.10%
0.2976	25.916	1.630	0.0004	3.71E-08	84.67%
0.3029	25.963	1.637	0.0004	3.92E-08	84.20%
0.3040	25.974	1.639	0.0004	3.99E-08	84.05%
0.2958	25.883	1.614	0.0005	3.21E-08	85.82%
0.2919	25.834	1.596	0.0005	2.73E-08	87.11%
0.2898	25.805	1.583	0.0005	2.42E-08	88.07%
0.2876	25.775	1.567	0.0006	2.06E-08	89.33%
0.2882	25.785	1.573	0.0006	2.18E-08	88.87%
0.2912	25.827	1.601	0.0005	2.88E-08	86.73%
0.2920	25.838	1.610	0.0004	3.12E-08	86.12%
0.2930	25.854	1.622	0.0004	3.51E-08	85.23%
0.2941	25.870	1.635	0.0003	3.94E-08	84.35%
0.2950	25.884	1.646	0.0003	4.38E-08	83.57%
0.2954	25.889	1.651	0.0003	4.57E-08	83.25%
0.2961	25.901	1.661	0.0002	5.01E-08	82.58%
0.2964	25.905	1.665	0.0002	5.18E-08	82.33%
0.2970	25.914	1.673	0.0002	5.57E-08	81.80%
0.2972	25.917	1.675	0.0002	5.67E-08	81.67%
0.2973	25.919	1.677	0.0002	5.78E-08	81.53%
0.2978	25.927	1.684	0.0001	6.13E-08	81.09%
0.2979	25.928	1.685	0.0001	6.20E-08	81.01%
				2.06E-08	89.33%

Cycle	K1/K2 Run1 Rep3	r2
1	0.0000	
2	0.0000	
3	0.0000	
4	0.0000	
5	0.0000	
6	0.0009	
7	0.0000	
8	0.0004	
9	0.0000	
10	0.0000	
11	0.0007	
12	0.0009	
13	0.0000	
14	0.0000	
15	0.0000	
16	0.0000	
17	0.0006	
18	0.0025	
19	0.0023	
20	0.0063	0.917741
21	0.0135	0.982135
22	0.0251	0.995068
23	0.0424	0.998360
24	0.0715	0.999065
25	0.1107	0.999605
26	0.1582	0.999800
27	0.2021	0.999891
28	0.2385	0.999932
29	0.2610	0.999947
30	0.2748	0.999957
31	0.2850	0.999961
32	0.2922	0.999947
33	0.3007	0.999845
34	0.3022	0.999819
35	0.3010	0.999833
36	0.3070	0.999780
37	0.3057	0.999777
38	0.3040	0.999790
39	0.3060	0.999791
40	0.3052	0.999799
41	0.3036	0.999809
42	0.3044	0.999817
43	0.3059	0.999819
44	0.3032	0.999825
45	0.3054	0.999829
		0.999961

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.1153	23.627	1.247	0.0002	6.86E-10	122.92%
0.4521	25.352	1.245	0.0002	6.48E-10	123.27%
0.0674	22.606	1.137	0.0002	1.56E-10	141.02%
0.0905	23.163	1.213	0.0002	4.62E-10	128.02%
0.2094	24.963	1.454	0.0001	7.32E-09	98.93%
0.2649	25.508	1.521	0.0001	1.38E-08	93.00%
0.3003	25.835	1.572	0.0000	2.20E-08	88.89%
0.2946	25.779	1.560	0.0000	1.97E-08	89.82%
0.2973	25.809	1.569	0.0000	2.14E-08	89.14%
0.2943	25.772	1.555	0.0000	1.87E-08	90.20%
0.2930	25.755	1.547	0.0001	1.73E-08	90.83%
0.2940	25.769	1.555	0.0000	1.87E-08	90.22%
0.2958	25.793	1.570	0.0000	2.17E-08	89.07%
0.2989	25.838	1.600	-0.0001	2.90E-08	86.81%
0.3006	25.863	1.618	-0.0002	3.43E-08	85.55%
0.3010	25.869	1.623	-0.0002	3.59E-08	85.21%
0.3025	25.891	1.640	-0.0003	4.21E-08	84.00%
0.3032	25.901	1.649	-0.0003	4.56E-08	83.40%
0.3034	25.904	1.651	-0.0003	4.67E-08	83.23%
0.3038	25.911	1.657	-0.0003	4.91E-08	82.86%
0.3041	25.914	1.660	-0.0003	5.03E-08	82.67%
0.3041	25.914	1.660	-0.0003	5.03E-08	82.68%
0.3041	25.915	1.660	-0.0003	5.07E-08	82.62%
0.3043	25.918	1.663	-0.0004	5.19E-08	82.44%
0.3043	25.917	1.662	-0.0004	5.15E-08	82.50%
0.3044	25.919	1.664	-0.0004	5.23E-08	82.40%
				1.73E-08	90.83%

K1/K2
Run1
Rep4

Cycle		r2
1	0.0016	
2	0.0034	
3	0.0021	
4	0.0018	
5	0.0015	
6	0.0016	
7	0.0003	
8	0.0000	
9	0.0009	
10	0.0000	
11	0.0008	
12	0.0000	
13	0.0000	
14	0.0000	
15	0.0000	
16	0.0000	
17	0.0027	
18	0.0011	
19	0.0040	
20	0.0086	0.764506
21	0.0131	0.909027
22	0.0262	0.970873
23	0.0451	0.990902
24	0.0750	0.996801
25	0.1141	0.998708
26	0.1626	0.999332
27	0.2139	0.999600
28	0.2540	0.999757
29	0.2786	0.999797
30	0.2930	0.999821
31	0.3003	0.999834
32	0.3118	0.999825
33	0.3156	0.999827
34	0.3225	0.999756
35	0.3223	0.999752
36	0.3246	0.999738
37	0.3220	0.999756
38	0.3224	0.999770
39	0.3240	0.999777
40	0.3251	0.999777
41	0.3239	0.999785
42	0.3252	0.999786
43	0.3256	0.999787
44	0.3244	0.999793
45	0.3255	0.999794
		0.999834

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0125	19.713	0.612	0.0009	1.29E-16	412.11%
0.0147	19.937	0.676	0.0009	2.24E-15	339.37%
0.1413	24.009	1.314	0.0009	1.65E-09	114.00%
0.1282	23.834	1.301	0.0009	1.43E-09	115.64%
0.2046	24.799	1.410	0.0008	4.73E-09	103.19%
0.2407	25.174	1.461	0.0008	7.93E-09	98.26%
0.2966	25.723	1.555	0.0007	1.95E-08	90.21%
0.3311	26.049	1.623	0.0006	3.55E-08	85.16%
0.3275	26.013	1.614	0.0007	3.26E-08	85.85%
0.3187	25.915	1.579	0.0007	2.37E-08	88.40%
0.3143	25.862	1.555	0.0008	1.88E-08	90.22%
0.3117	25.829	1.538	0.0009	1.58E-08	91.61%
0.3141	25.860	1.557	0.0008	1.92E-08	90.10%
0.3156	25.880	1.570	0.0008	2.19E-08	89.06%
0.3181	25.914	1.594	0.0007	2.78E-08	87.24%
0.3193	25.930	1.607	0.0006	3.13E-08	86.34%
0.3205	25.945	1.619	0.0005	3.53E-08	85.43%
0.3207	25.949	1.622	0.0005	3.62E-08	85.24%
0.3209	25.952	1.625	0.0005	3.71E-08	85.06%
0.3213	25.957	1.629	0.0005	3.86E-08	84.76%
0.3217	25.962	1.634	0.0005	4.05E-08	84.41%
0.3219	25.965	1.636	0.0005	4.14E-08	84.24%
0.3222	25.969	1.640	0.0005	4.28E-08	84.00%
0.3225	25.973	1.643	0.0004	4.41E-08	83.77%
0.3226	25.975	1.645	0.0004	4.48E-08	83.66%
0.3228	25.977	1.647	0.0004	4.58E-08	83.50%
				1.58E-08	91.61%

Amplicon: K1/K2

No: 4.17E+02

K1/K2
Run1-5 Av.

Cycle	Av. Fc
1	0.0002
2	0.0001
3	0.0001
4	0.0002
5	0.0001
6	0.0002
7	0.0002
8	0.0003
9	0.0002
10	0.0001
11	0.0001
12	0.0002
13	0.0002
14	0.0003
15	0.0002
16	0.0002
17	0.0001
18	0.0002
19	0.0007
20	0.0011
21	0.0026
22	0.0041
23	0.0080
24	0.0148
25	0.0265
26	0.0460
27	0.0772
28	0.1223
29	0.1794
30	0.2378
31	0.2845
32	0.3183
33	0.3393
34	0.3525
35	0.3629
36	0.3684
37	0.3725
38	0.3752
39	0.3773
40	0.3777
41	0.3790
42	0.3800
43	0.3802
44	0.3798
45	0.3804

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
23.03%	0.994759	0.0053	21.153	0.784	0.0002	1.03E-14
14.50%	0.996029	0.0402	24.918	1.354	0.0001	4.08E-10
11.86%	0.998835	0.0977	26.504	1.441	0.0001	1.01E-09
12.15%	0.999641	0.1495	27.290	1.483	0.0001	1.53E-09
9.80%	0.999872	0.2349	28.176	1.537	0.0001	2.58E-09
9.82%	0.999945	0.3291	28.881	1.587	0.0001	4.10E-09
10.23%	0.999975	0.3806	29.212	1.617	0.0001	5.40E-09
10.95%	0.999988	0.3985	29.329	1.631	0.0001	6.20E-09
11.55%	0.999991	0.3866	29.241	1.615	0.0001	5.32E-09
12.04%	0.999976	0.3712	29.110	1.581	0.0002	3.75E-09
12.79%	0.999981	0.3681	29.080	1.571	0.0002	3.36E-09
12.57%	0.999985	0.3670	29.069	1.566	0.0002	3.19E-09
12.95%	0.999988	0.3673	29.072	1.568	0.0002	3.24E-09
13.14%	0.999976	0.3693	29.094	1.581	0.0002	3.75E-09
13.65%	0.999966	0.3708	29.112	1.592	0.0001	4.24E-09
13.33%	0.999952	0.3722	29.128	1.604	0.0001	4.81E-09
13.40%	0.999938	0.3734	29.142	1.614	0.0000	5.38E-09
13.13%	0.999922	0.3745	29.155	1.624	0.0000	5.98E-09
13.25%	0.999916	0.3752	29.163	1.631	0.0000	6.43E-09
13.38%	0.999908	0.3759	29.171	1.638	-0.0001	6.90E-09
13.21%	0.999899	0.3765	29.179	1.644	-0.0001	7.37E-09
13.38%	0.999893	0.3770	29.185	1.649	-0.0001	7.78E-09
13.10%	0.999892	0.3773	29.189	1.653	-0.0001	8.08E-09
13.33%	0.999889	0.3777	29.193	1.656	-0.0002	8.37E-09
	0.999988					3.19E-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	0.0000	0.0027	0.0013	0.0000	0.0000	0.0000	0.0000
2	0.0005	0.0000	0.0011	0.0009	0.0000	0.0000	0.0000	0.0000
3	0.0000	0.0004	0.0014	0.0003	0.0000	0.0000	0.0000	0.0000
4	0.0006	0.0003	0.0026	0.0000	0.0000	0.0000	0.0007	0.0000
5	0.0000	0.0016	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000
7	0.0000	0.0007	0.0018	0.0004	0.0000	0.0000	0.0000	0.0000
8	0.0023	0.0016	0.0021	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.0007	0.0000	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.0015	0.0000	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000
12	0.0025	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0028	0.0009	0.0000	0.0000	0.0000	0.0002	0.0000
14	0.0000	0.0000	0.0018	0.0000	0.0004	0.0000	0.0000	0.0000
15	0.0004	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0011
16	0.0000	0.0000	0.0017	0.0002	0.0000	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000	0.0000	0.0002	0.0008	0.0006	0.0000
18	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0015	0.0000	0.0005	0.0010	0.0000	0.0002	0.0005
20	0.0018	0.0009	0.0002	0.0018	0.0013	0.0020	0.0010	0.0007
21	0.0009	0.0036	0.0033	0.0032	0.0029	0.0023	0.0026	0.0033
22	0.0047	0.0046	0.0048	0.0027	0.0052	0.0052	0.0051	0.0034
23	0.0090	0.0079	0.0087	0.0070	0.0092	0.0089	0.0085	0.0074
24	0.0171	0.0159	0.0164	0.0127	0.0150	0.0148	0.0141	0.0141
25	0.0303	0.0291	0.0277	0.0228	0.0268	0.0260	0.0287	0.0241
26	0.0536	0.0501	0.0468	0.0406	0.0477	0.0456	0.0465	0.0442
27	0.0889	0.0867	0.0809	0.0695	0.0780	0.0750	0.0798	0.0745
28	0.1412	0.1381	0.1306	0.1066	0.1239	0.1196	0.1278	0.1199
29	0.2108	0.2059	0.1932	0.1633	0.1822	0.1753	0.1863	0.1764
30	0.2872	0.2740	0.2583	0.2211	0.2374	0.2343	0.2522	0.2358
31	0.3510	0.3331	0.3102	0.2659	0.2891	0.2831	0.3072	0.2859
32	0.3896	0.3786	0.3534	0.2996	0.3236	0.3139	0.3416	0.3208
33	0.4207	0.4028	0.3750	0.3246	0.3421	0.3345	0.3677	0.3381
34	0.4419	0.4241	0.3910	0.3385	0.3573	0.3467	0.3822	0.3532
35	0.4551	0.4349	0.4069	0.3471	0.3668	0.3602	0.3909	0.3639
36	0.4651	0.4483	0.4163	0.3567	0.3723	0.3633	0.4012	0.3685
37	0.4653	0.4528	0.4170	0.3582	0.3784	0.3697	0.4046	0.3745
38	0.4718	0.4519	0.4210	0.3636	0.3815	0.3730	0.4061	0.3786
39	0.4739	0.4523	0.4204	0.3645	0.3838	0.3752	0.4087	0.3747
40	0.4718	0.4530	0.4249	0.3630	0.3804	0.3738	0.4054	0.3801
41	0.4742	0.4584	0.4249	0.3641	0.3873	0.3745	0.4132	0.3815
42	0.4765	0.4555	0.4248	0.3653	0.3852	0.3773	0.4105	0.3789
43	0.4785	0.4589	0.4239	0.3683	0.3859	0.3781	0.4111	0.3804
44	0.4754	0.4568	0.4226	0.3659	0.3882	0.3790	0.4132	0.3818
45	0.4746	0.4588	0.4272	0.3637	0.3876	0.3814	0.4135	0.3841

	Cycle	K1/K2 Run1 Av. Av. Fc						
	1	0.0010						
	2	0.0006						
	3	0.0005						
	4	0.0009						
	5	0.0006						
	6	0.0006						
	7	0.0007						
	8	0.0015						
	9	0.0008						
	10	0.0005						
	11	0.0000						
	12	0.0008						
	13	0.0009						
	14	0.0005						
	15	0.0002						
	16	0.0005						
	17	0.0000						
	18	0.0002						
	19	0.0005						
	20	0.0012						
Eo	21	0.0028	CV	r2	Fmax	$C_{1/2}$	k	Fb
257.84%	22	0.0042	23.89%	0.869106	0.0040	20.900	0.470	0.0006
109.32%	23	0.0082	11.00%	0.957326	0.0160	23.121	0.982	0.0006
100.12%	24	0.0155	12.54%	0.988408	0.0533	25.129	1.197	0.0006
96.25%	25	0.0275	11.98%	0.996541	0.0777	25.802	1.260	0.0006
91.65%	26	0.0478	11.58%	0.998771	0.1615	27.245	1.407	0.0005
87.79%	27	0.0815	10.65%	0.999496	0.3394	28.789	1.540	0.0005
85.63%	28	0.1291	12.13%	0.999810	0.3698	28.980	1.558	0.0005
84.60%	29	0.1933	11.04%	0.999894	0.4507	29.474	1.620	0.0004
85.71%	30	0.2602	10.99%	0.999946	0.4375	29.390	1.606	0.0005
88.22%	31	0.3151	11.67%	0.999950	0.4188	29.251	1.571	0.0005
89.00%	32	0.3553	11.29%	0.999964	0.4150	29.220	1.561	0.0006
89.37%	33	0.3808	11.01%	0.999973	0.4138	29.209	1.556	0.0006
89.26%	34	0.3989	11.39%	0.999973	0.4160	29.230	1.567	0.0005
88.25%	35	0.4110	11.43%	0.999959	0.4188	29.257	1.583	0.0005
87.41%	36	0.4216	11.33%	0.999909	0.4225	29.295	1.606	0.0004
86.57%	37	0.4233	11.34%	0.999908	0.4239	29.309	1.616	0.0003
85.81%	38	0.4271	11.05%	0.999900	0.4253	29.324	1.627	0.0003
85.11%	39	0.4278	11.12%	0.999902	0.4260	29.332	1.633	0.0002
84.63%	40	0.4282	11.10%	0.999906	0.4265	29.337	1.637	0.0002
84.16%	41	0.4304	11.33%	0.999902	0.4272	29.344	1.643	0.0002
83.73%	42	0.4305	11.24%	0.999902	0.4277	29.349	1.648	0.0002
83.37%	43	0.4324	11.18%	0.999895	0.4283	29.356	1.653	0.0002
83.13%	44	0.4302	11.18%	0.999898	0.4285	29.358	1.655	0.0001
82.89%	45	0.4311	11.38%	0.999900	0.4288	29.361	1.658	0.0001
89.37%				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	0.0000	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	0.0000	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	0.0000	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	0.0003	0.0006	0.0009
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0006
0.0000	0.0000	0.0000	0.0003	0.0005	0.0000	0.0002	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
0.0000	0.0020	0.0010	0.0002	0.0001	0.0003	0.0000	0.0000	0.0000
0.0018	0.0019	0.0003	0.0001	0.0004	0.0010	0.0003	0.0001	0.0010
0.0009	0.0010	0.0020	0.0012	0.0005	0.0006	0.0010	0.0007	0.0001
0.0033	0.0030	0.0018	0.0028	0.0019	0.0016	0.0022	0.0024	0.0015
0.0043	0.0043	0.0042	0.0046	0.0028	0.0020	0.0048	0.0031	0.0054
0.0088	0.0081	0.0093	0.0099	0.0071	0.0069	0.0067	0.0066	0.0092
0.0187	0.0153	0.0161	0.0165	0.0141	0.0114	0.0151	0.0131	0.0130
0.0300	0.0291	0.0306	0.0305	0.0249	0.0194	0.0271	0.0211	0.0256
0.0508	0.0509	0.0515	0.0492	0.0430	0.0362	0.0457	0.0385	0.0437
0.0843	0.0818	0.0890	0.0836	0.0711	0.0628	0.0782	0.0637	0.0721
0.1316	0.1311	0.1397	0.1324	0.1114	0.1014	0.1235	0.0971	0.1136
0.1916	0.1945	0.2080	0.1947	0.1581	0.1458	0.1780	0.1416	0.1652
0.2539	0.2563	0.2743	0.2577	0.2053	0.1897	0.2312	0.1848	0.2176
0.3019	0.3036	0.3253	0.3058	0.2458	0.2261	0.2765	0.2205	0.2571
0.3414	0.3460	0.3665	0.3419	0.2682	0.2504	0.3050	0.2391	0.2856
0.3611	0.3703	0.3884	0.3645	0.2919	0.2732	0.3229	0.2591	0.3011
0.3743	0.3775	0.4047	0.3748	0.2991	0.2816	0.3338	0.2657	0.3135
0.3851	0.3949	0.4157	0.3886	0.3046	0.2884	0.3439	0.2734	0.3224
0.3892	0.3989	0.4229	0.3919	0.3058	0.2927	0.3481	0.2730	0.3250
0.3942	0.4029	0.4302	0.3929	0.3121	0.2975	0.3536	0.2796	0.3290
0.3949	0.4074	0.4296	0.4035	0.3130	0.2958	0.3519	0.2800	0.3348
0.3966	0.4103	0.4342	0.4041	0.3161	0.3007	0.3576	0.2835	0.3360
0.4025	0.4125	0.4374	0.4010	0.3194	0.2992	0.3580	0.2829	0.3347
0.3979	0.4108	0.4386	0.4050	0.3153	0.3021	0.3590	0.2845	0.3338
0.4029	0.4123	0.4403	0.4057	0.3159	0.3042	0.3597	0.2887	0.3373
0.4032	0.4150	0.4364	0.4070	0.3168	0.3011	0.3595	0.2860	0.3362
0.3983	0.4083	0.4386	0.4016	0.3193	0.3017	0.3572	0.2857	0.3372
0.4004	0.4131	0.4388	0.4059	0.3168	0.3030	0.3581	0.2847	0.3369

Cycle	K1/K2 Run2 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0002
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0001
12	0.0000
13	0.0001
14	0.0001
15	0.0003
16	0.0000
17	0.0004
18	0.0000
19	0.0004
20	0.0013
21	0.0028
22	0.0047
23	0.0085
24	0.0145
25	0.0264
26	0.0460
27	0.0768
28	0.1228
29	0.1801
30	0.2399
31	0.2913
32	0.3250
33	0.3456
34	0.3599
35	0.3705
36	0.3763
37	0.3818
38	0.3848
39	0.3856
40	0.3849
41	0.3891
42	0.3880
43	0.3889
44	0.3906
45	0.3917

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
1.95E-22	738.92%	18.72%	0.991681	0.0067	21.319	0.839
9.54E-13	176.85%	9.26%	0.996047	0.0220	23.599	1.265
4.04E-11	130.64%	3.23%	0.998514	0.0458	25.110	1.436
9.96E-11	121.12%	7.22%	0.999215	1.1237	31.342	1.700
6.31E-10	103.52%	3.21%	0.999745	0.6125	30.230	1.685
2.57E-09	91.45%	3.27%	0.999907	0.4030	29.386	1.650
3.07E-09	90.03%	3.15%	0.999964	0.4469	29.619	1.668
5.67E-09	85.37%	2.86%	0.999981	0.4108	29.407	1.643
4.93E-09	86.39%	3.45%	0.999987	0.3966	29.305	1.625
3.45E-09	88.97%	3.73%	0.999990	0.3900	29.251	1.612
3.07E-09	89.79%	3.63%	0.999969	0.3801	29.159	1.581
2.92E-09	90.14%	4.36%	0.999962	0.3755	29.114	1.561
3.29E-09	89.31%	4.31%	0.999970	0.3754	29.113	1.561
3.91E-09	88.12%	3.75%	0.999964	0.3773	29.133	1.573
5.08E-09	86.36%	4.51%	0.999956	0.3788	29.150	1.584
5.65E-09	85.65%	4.09%	0.999931	0.3807	29.171	1.599
6.32E-09	84.90%	3.80%	0.999909	0.3822	29.189	1.612
6.76E-09	84.46%	4.14%	0.999901	0.3832	29.200	1.621
7.07E-09	84.17%	3.63%	0.999905	0.3836	29.205	1.625
7.51E-09	83.77%	4.34%	0.999884	0.3846	29.216	1.634
7.86E-09	83.47%	3.97%	0.999881	0.3851	29.223	1.640
8.32E-09	83.10%	3.90%	0.999877	0.3856	29.229	1.645
8.48E-09	82.97%	3.99%	0.999864	0.3862	29.236	1.651
8.70E-09	82.81%	3.78%	0.999849	0.3868	29.243	1.657
2.92E-09	90.14%		0.999990			

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	0.0010	0.0001
0.0006	0.0000	0.0001
0.0000	0.0003	0.0000
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0011	0.0002	0.0000
0.0000	0.0007	0.0000
0.0000	0.0000	0.0000
0.0000	0.0010	0.0000
0.0003	0.0000	0.0000
0.0000	0.0010	0.0002
0.0000	0.0000	0.0000
0.0000	0.0000	0.0000
0.0005	0.0004	0.0015
0.0019	0.0006	0.0010
0.0022	0.0035	0.0039
0.0040	0.0042	0.0033
0.0067	0.0089	0.0058
0.0133	0.0157	0.0132
0.0249	0.0272	0.0232
0.0453	0.0486	0.0422
0.0741	0.0796	0.0700
0.1170	0.1274	0.1115
0.1716	0.1847	0.1601
0.2256	0.2447	0.2153
0.2673	0.2824	0.2519
0.3013	0.3183	0.2802
0.3155	0.3355	0.2974
0.3305	0.3480	0.3110
0.3400	0.3573	0.3176
0.3424	0.3632	0.3225
0.3436	0.3702	0.3238
0.3496	0.3682	0.3277
0.3532	0.3694	0.3317
0.3502	0.3749	0.3294
0.3507	0.3707	0.3331
0.3525	0.3766	0.3289
0.3557	0.3730	0.3299
0.3563	0.3758	0.3337
0.3526	0.3744	0.3325

Cycle	K1/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	0.0000
16	0.0001
17	0.0000
18	0.0008
19	0.0010
20	0.0013
21	0.0027
22	0.0044
23	0.0090
24	0.0167
25	0.0301
26	0.0506
27	0.0847
28	0.1337
29	0.1972
30	0.2606
31	0.3092
32	0.3490
33	0.3711
34	0.3828
35	0.3961
36	0.4007
37	0.4051
38	0.4089
39	0.4113
40	0.4134
41	0.4131
42	0.4153
43	0.4154
44	0.4117
45	0.4146

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0000	6.22E-14	229.32%	3.98%	0.988695	0.0234	24.496
0.0000	1.74E-10	120.45%	8.46%	0.994374	0.9847	30.445
0.0000	1.17E-09	100.61%	8.74%	0.998404	1.0845	30.569
0.0000	1.11E-08	80.06%	2.28%	0.999500	0.3007	28.411
0.0000	9.90E-09	81.02%	1.94%	0.999821	0.1848	27.462
0.0000	7.45E-09	83.30%	3.63%	0.999866	0.3708	28.981
0.0000	8.68E-09	82.12%	3.02%	0.999943	0.4408	29.381
0.0000	6.96E-09	83.76%	3.72%	0.999973	0.4700	29.545
0.0000	5.86E-09	85.01%	3.57%	0.999967	0.4290	29.281
0.0001	5.12E-09	85.97%	3.52%	0.999926	0.4009	29.061
0.0001	3.71E-09	88.24%	3.40%	0.999948	0.4041	29.089
0.0002	3.00E-09	89.73%	3.28%	0.999960	0.4024	29.073
0.0002	2.98E-09	89.77%	3.83%	0.999962	0.4003	29.053
0.0002	3.40E-09	88.86%	3.46%	0.999950	0.4028	29.078
0.0001	3.85E-09	88.01%	3.83%	0.999950	0.4040	29.091
0.0000	4.53E-09	86.91%	4.28%	0.999943	0.4053	29.104
0.0000	5.23E-09	85.96%	3.62%	0.999928	0.4067	29.119
0.0000	5.74E-09	85.34%	3.95%	0.999910	0.4079	29.133
-0.0001	6.00E-09	85.04%	4.07%	0.999890	0.4091	29.145
-0.0001	6.62E-09	84.39%	4.31%	0.999884	0.4098	29.153
-0.0001	7.00E-09	84.03%	4.12%	0.999868	0.4106	29.163
-0.0002	7.39E-09	83.67%	3.57%	0.999859	0.4113	29.170
-0.0002	7.87E-09	83.26%	4.47%	0.999866	0.4114	29.171
-0.0002	8.38E-09	82.85%	4.10%	0.999865	0.4117	29.175
	2.98E-09	89.77%		0.999962		

Cycle	K1/K2 Run4 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0000
12	0.0000
13	0.0000
14	0.0002
15	0.0001
16	0.0002
17	0.0001
18	0.0001
19	0.0005
20	0.0007
21	0.0020
22	0.0032
23	0.0068
24	0.0134
25	0.0231
26	0.0409
27	0.0690
28	0.1084
29	0.1559
30	0.2028
31	0.2422
32	0.2657
33	0.2868
34	0.2951
35	0.3026
36	0.3049
37	0.3107
38	0.3102
39	0.3145
40	0.3149
41	0.3152
42	0.3171
43	0.3159
44	0.3160
45	0.3157

k	Fb	Fo	Eo	CV	r2	Fmax
1.698	0.0000	1.27E-08	80.18%	37.12%	0.990246	0.0042
1.583	0.0000	4.39E-09	88.06%	3.25%	0.995102	0.6433
1.578	0.0000	4.19E-09	88.46%	11.75%	0.998759	0.3702
1.552	0.0000	3.38E-09	90.45%	15.17%	0.999524	0.0618
1.498	0.0000	2.02E-09	94.93%	10.51%	0.999622	0.1831
1.626	0.0000	6.71E-09	84.99%	10.44%	0.999845	0.2962
1.660	0.0000	9.10E-09	82.63%	10.84%	0.999941	0.3086
1.680	-0.0001	1.08E-08	81.37%	10.47%	0.999974	0.3113
1.634	0.0000	7.06E-09	84.43%	10.30%	0.999986	0.3084
1.577	0.0001	3.96E-09	88.57%	10.44%	0.999991	0.3104
1.586	0.0001	4.39E-09	87.84%	10.85%	0.999969	0.3033
1.579	0.0001	4.07E-09	88.36%	9.62%	0.999953	0.3075
1.569	0.0002	3.63E-09	89.17%	9.90%	0.999963	0.3073
1.584	0.0001	4.28E-09	88.02%	10.03%	0.999964	0.3083
1.592	0.0001	4.69E-09	87.40%	10.43%	0.999969	0.3084
1.602	0.0000	5.20E-09	86.71%	10.15%	0.999945	0.3098
1.613	0.0000	5.86E-09	85.90%	9.97%	0.999947	0.3102
1.623	-0.0001	6.56E-09	85.15%	10.08%	0.999918	0.3113
1.634	-0.0001	7.31E-09	84.43%	10.29%	0.999904	0.3121
1.640	-0.0002	7.84E-09	83.97%	10.09%	0.999895	0.3126
1.648	-0.0002	8.51E-09	83.43%	9.61%	0.999875	0.3133
1.655	-0.0002	9.07E-09	83.01%	10.04%	0.999873	0.3137
1.655	-0.0002	9.14E-09	82.96%	9.72%	0.999872	0.3140
1.659	-0.0003	9.47E-09	82.73%	9.89%	0.999874	0.3142
		3.63E-09	89.17%		0.999991	

Cycle	K1/K2 Run5 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0003
7	0.0002
8	0.0001
9	0.0000
10	0.0000
11	0.0003
12	0.0002
13	0.0000
14	0.0005
15	0.0002
16	0.0003
17	0.0000
18	0.0000
19	0.0009
20	0.0009
21	0.0028
22	0.0042
23	0.0077
24	0.0138
25	0.0252
26	0.0450
27	0.0740
28	0.1174
29	0.1704
30	0.2258
31	0.2647
32	0.2964
33	0.3124
34	0.3258
35	0.3343
36	0.3383
37	0.3417
38	0.3451
39	0.3476
40	0.3473
41	0.3471
42	0.3488
43	0.3487
44	0.3508
45	0.3491

$C_{1/2}$	k	Fb	Fo	Eo	CV	r2
21.114	0.777	0.0000	6.48E-15	262.43%	20.67%	0.970256
29.459	1.421	0.0000	6.39E-10	102.12%	21.73%	0.987885
28.659	1.420	0.0000	6.35E-10	102.23%	9.22%	0.995974
25.661	1.282	0.0000	1.26E-10	118.09%	6.57%	0.998752
27.876	1.501	0.0000	1.57E-09	94.72%	6.10%	0.999613
28.880	1.575	0.0000	3.24E-09	88.65%	5.57%	0.999832
28.973	1.584	0.0000	3.52E-09	88.00%	6.01%	0.999912
28.995	1.587	0.0000	3.63E-09	87.76%	6.24%	0.999961
28.968	1.582	0.0000	3.43E-09	88.17%	5.91%	0.999980
28.988	1.587	0.0000	3.64E-09	87.75%	5.08%	0.999910
28.906	1.558	0.0000	2.65E-09	90.02%	5.79%	0.999939
28.959	1.581	0.0000	3.42E-09	88.21%	5.53%	0.999946
28.956	1.580	0.0000	3.38E-09	88.31%	5.27%	0.999952
28.970	1.588	-0.0001	3.68E-09	87.71%	5.41%	0.999942
28.971	1.589	-0.0001	3.72E-09	87.63%	5.57%	0.999941
28.991	1.603	-0.0001	4.32E-09	86.63%	6.09%	0.999934
28.996	1.607	-0.0001	4.52E-09	86.32%	5.19%	0.999915
29.012	1.619	-0.0002	5.14E-09	85.46%	4.97%	0.999888
29.023	1.628	-0.0002	5.64E-09	84.84%	5.88%	0.999882
29.031	1.635	-0.0002	6.05E-09	84.37%	5.11%	0.999883
29.041	1.643	-0.0002	6.60E-09	83.80%	6.00%	0.999875
29.046	1.647	-0.0003	6.90E-09	83.50%	5.61%	0.999873
29.050	1.651	-0.0003	7.17E-09	83.25%	5.54%	0.999858
29.053	1.654	-0.0003	7.36E-09	83.08%	5.43%	0.999859
			2.65E-09	90.02%		0.999952

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0052	21.037	0.738	0.0001	2.18E-15	287.79%
0.0201	23.667	1.292	0.0001	2.22E-10	116.88%
0.1015	26.875	1.548	0.0001	2.91E-09	90.83%
1.0535	31.098	1.643	0.0001	6.31E-09	83.83%
0.6500	30.243	1.631	0.0001	5.73E-09	84.64%
0.2650	28.466	1.544	0.0001	2.60E-09	91.14%
0.3567	29.152	1.612	0.0001	5.01E-09	85.93%
0.3612	29.184	1.616	0.0001	5.21E-09	85.64%
0.3642	29.208	1.621	0.0001	5.45E-09	85.31%
0.3372	28.958	1.554	0.0002	2.73E-09	90.30%
0.3384	28.970	1.559	0.0002	2.87E-09	89.95%
0.3357	28.940	1.545	0.0002	2.47E-09	91.01%
0.3372	28.958	1.555	0.0002	2.75E-09	90.25%
0.3392	28.982	1.569	0.0001	3.23E-09	89.12%
0.3404	28.996	1.579	0.0001	3.59E-09	88.42%
0.3414	29.010	1.588	0.0001	3.99E-09	87.69%
0.3427	29.026	1.600	0.0000	4.55E-09	86.80%
0.3439	29.042	1.613	0.0000	5.19E-09	85.91%
0.3446	29.051	1.620	-0.0001	5.63E-09	85.38%
0.3451	29.057	1.625	-0.0001	5.92E-09	85.04%
0.3456	29.064	1.631	-0.0001	6.32E-09	84.60%
0.3460	29.069	1.636	-0.0001	6.63E-09	84.29%
0.3466	29.076	1.642	-0.0002	7.08E-09	83.85%
0.3469	29.080	1.645	-0.0002	7.31E-09	83.64%
				2.47E-09	91.01%

Cycle	K1/K2 Run1 Rep1	r2
1	0.0000	
2	0.0005	
3	0.0000	
4	0.0006	
5	0.0000	
6	0.0000	
7	0.0000	
8	0.0023	
9	0.0007	
10	0.0015	
11	0.0000	
12	0.0025	
13	0.0000	
14	0.0000	
15	0.0004	
16	0.0000	
17	0.0000	
18	0.0008	
19	0.0000	
20	0.0018	
21	0.0009	
22	0.0047	
23	0.0090	
24	0.0171	0.960878
25	0.0303	0.987772
26	0.0536	0.995795
27	0.0889	0.998499
28	0.1412	0.999365
29	0.2108	0.999696
30	0.2872	0.999851
31	0.3510	0.999893
32	0.3896	0.999836
33	0.4207	0.999881
34	0.4419	0.999893
35	0.4551	0.999890
36	0.4651	0.999869
37	0.4653	0.999884
38	0.4718	0.999876
39	0.4739	0.999870
40	0.4718	0.999879
41	0.4742	0.999882
42	0.4765	0.999877
43	0.4785	0.999865
44	0.4754	0.999870
45	0.4746	0.999876
		0.999893

Cycle	K1/K2 Run1 Rep2
1	0.0000
2	0.0000
3	0.0004
4	0.0003
5	0.0016
6	0.0000
7	0.0007
8	0.0016
9	0.0000
10	0.0000
11	0.0000
12	0.0007
13	0.0028
14	0.0000
15	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0015
20	0.0009
21	0.0036
22	0.0046
23	0.0079
24	0.0159
25	0.0291
26	0.0501
27	0.0867
28	0.1381
29	0.2059
30	0.2740
31	0.3331
32	0.3786
33	0.4028
34	0.4241
35	0.4349
36	0.4483
37	0.4528
38	0.4519
39	0.4523
40	0.4530
41	0.4584
42	0.4555
43	0.4589
44	0.4568
45	0.4588

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	r2
0.0309	23.868	0.925	0.0005	1.90E-13	194.96%	
0.0650	25.191	1.137	0.0005	1.54E-11	141.03%	0.986971
0.1746	27.139	1.374	0.0004	4.58E-10	107.10%	0.995818
0.2643	28.005	1.462	0.0004	1.26E-09	98.22%	0.998544
0.3945	28.924	1.564	0.0003	3.69E-09	89.50%	0.999460
0.4941	29.491	1.637	0.0003	7.40E-09	84.21%	0.999764
0.5072	29.565	1.649	0.0003	8.31E-09	83.38%	0.999876
0.4816	29.400	1.611	0.0003	5.69E-09	86.06%	0.999928
0.4569	29.217	1.550	0.0005	2.98E-09	90.61%	0.999948
0.4568	29.216	1.550	0.0005	2.98E-09	90.63%	0.999952
0.4605	29.248	1.566	0.0004	3.57E-09	89.36%	0.999951
0.4638	29.277	1.583	0.0004	4.32E-09	88.06%	0.999952
0.4672	29.308	1.603	0.0003	5.36E-09	86.61%	0.999887
0.4678	29.314	1.607	0.0003	5.58E-09	86.34%	0.999862
0.4695	29.329	1.618	0.0002	6.31E-09	85.52%	0.999874
0.4707	29.341	1.628	0.0001	6.97E-09	84.86%	0.999885
0.4710	29.344	1.630	0.0001	7.16E-09	84.69%	0.999894
0.4716	29.350	1.635	0.0001	7.50E-09	84.38%	0.999881
0.4723	29.357	1.640	0.0001	7.98E-09	83.97%	0.999887
0.4732	29.364	1.647	0.0000	8.55E-09	83.52%	0.999880
0.4734	29.367	1.649	0.0000	8.75E-09	83.37%	0.999884
0.4735	29.368	1.650	0.0000	8.85E-09	83.30%	0.999882
				2.98E-09	90.63%	0.999952

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.2997	28.317	1.476	0.0005	1.39E-09	96.94%
0.1832	27.412	1.428	0.0005	8.42E-10	101.45%
0.4397	29.212	1.567	0.0004	3.53E-09	89.28%
0.4094	29.056	1.554	0.0004	3.11E-09	90.30%
0.4629	29.361	1.593	0.0004	4.58E-09	87.34%
0.4402	29.219	1.567	0.0004	3.53E-09	89.27%
0.4385	29.207	1.564	0.0004	3.41E-09	89.52%
0.4436	29.248	1.578	0.0004	3.96E-09	88.46%
0.4392	29.211	1.562	0.0004	3.33E-09	89.67%
0.4425	29.240	1.577	0.0004	3.93E-09	88.53%
0.4444	29.258	1.587	0.0004	4.39E-09	87.77%
0.4489	29.300	1.614	0.0002	5.87E-09	85.81%
0.4515	29.327	1.632	0.0001	7.10E-09	84.54%
0.4522	29.333	1.637	0.0001	7.49E-09	84.19%
0.4525	29.336	1.639	0.0001	7.65E-09	84.05%
0.4527	29.338	1.641	0.0001	7.78E-09	83.93%
0.4537	29.348	1.649	0.0001	8.48E-09	83.37%
0.4540	29.351	1.652	0.0000	8.69E-09	83.22%
0.4547	29.358	1.657	0.0000	9.19E-09	82.85%
0.4549	29.360	1.659	0.0000	9.40E-09	82.70%
0.4553	29.365	1.663	0.0000	9.75E-09	82.46%
				3.33E-09	89.67%

Cycle	K1/K2 Run1 Rep3	r2
1	0.0027	
2	0.0011	
3	0.0014	
4	0.0026	
5	0.0000	
6	0.0022	
7	0.0018	
8	0.0021	
9	0.0026	
10	0.0004	
11	0.0000	
12	0.0000	
13	0.0009	
14	0.0018	
15	0.0002	
16	0.0017	
17	0.0000	
18	0.0000	
19	0.0000	
20	0.0002	
21	0.0033	
22	0.0048	
23	0.0087	
24	0.0164	
25	0.0277	0.974794
26	0.0468	0.990898
27	0.0809	0.996557
28	0.1306	0.998746
29	0.1932	0.999472
30	0.2583	0.999737
31	0.3102	0.999831
32	0.3534	0.999872
33	0.3750	0.999899
34	0.3910	0.999921
35	0.4069	0.999875
36	0.4163	0.999822
37	0.4170	0.999833
38	0.4210	0.999833
39	0.4204	0.999845
40	0.4249	0.999835
41	0.4249	0.999834
42	0.4248	0.999837
43	0.4239	0.999844
44	0.4226	0.999853
45	0.4272	0.999846
		0.999921

Cycle	K1/K2 Run1 Rep4
1	0.0013
2	0.0009
3	0.0003
4	0.0000
5	0.0000
6	0.0000
7	0.0004
8	0.0000
9	0.0000
10	0.0001
11	0.0000
12	0.0000
13	0.0000
14	0.0000
15	0.0000
16	0.0002
17	0.0000
18	0.0000
19	0.0005
20	0.0018
21	0.0032
22	0.0027
23	0.0070
24	0.0127
25	0.0228
26	0.0406
27	0.0695
28	0.1066
29	0.1633
30	0.2211
31	0.2659
32	0.2996
33	0.3246
34	0.3385
35	0.3471
36	0.3567
37	0.3582
38	0.3636
39	0.3645
40	0.3630
41	0.3641
42	0.3653
43	0.3683
44	0.3659
45	0.3637

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	r2
0.0498	24.856	1.079	0.0011	4.96E-12	152.57%	0.991633
0.1118	26.492	1.320	0.0011	2.15E-10	113.31%	0.997397
0.3848	29.107	1.569	0.0010	3.39E-09	89.13%	0.999144
0.4539	29.465	1.597	0.0010	4.40E-09	87.05%	0.999630
0.4279	29.322	1.580	0.0010	3.73E-09	88.30%	0.999643
0.4163	29.245	1.566	0.0010	3.23E-09	89.37%	0.999815
0.4014	29.130	1.536	0.0011	2.33E-09	91.76%	0.999803
0.4099	29.203	1.561	0.0010	3.09E-09	89.74%	0.999861
0.4065	29.172	1.548	0.0011	2.66E-09	90.78%	0.999891
0.4070	29.177	1.551	0.0010	2.74E-09	90.59%	0.999912
0.4118	29.224	1.578	0.0009	3.73E-09	88.46%	0.999925
0.4159	29.266	1.605	0.0008	5.01E-09	86.46%	0.999890
0.4171	29.280	1.614	0.0008	5.54E-09	85.78%	0.999894
0.4185	29.295	1.625	0.0007	6.23E-09	85.01%	0.999867
0.4191	29.300	1.630	0.0007	6.51E-09	84.72%	0.999858
0.4202	29.312	1.639	0.0007	7.21E-09	84.05%	0.999867
0.4209	29.320	1.646	0.0006	7.72E-09	83.60%	0.999873
0.4214	29.326	1.650	0.0006	8.09E-09	83.29%	0.999874
0.4217	29.329	1.653	0.0006	8.29E-09	83.13%	0.999857
0.4217	29.329	1.653	0.0006	8.33E-09	83.10%	0.999860
0.4222	29.335	1.658	0.0006	8.75E-09	82.78%	0.999867
				2.66E-09	90.78%	0.999925

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.3574	29.274	1.587	0.0002	3.47E-09	87.81%
0.3119	28.989	1.566	0.0002	2.86E-09	89.35%
0.3757	29.359	1.587	0.0002	3.49E-09	87.75%
0.2533	28.484	1.505	0.0002	1.53E-09	94.31%
0.4278	29.822	1.685	0.0001	8.81E-09	81.02%
0.3932	29.585	1.648	0.0001	6.29E-09	83.45%
0.3553	29.265	1.571	0.0002	2.89E-09	88.99%
0.3496	29.209	1.552	0.0003	2.35E-09	90.46%
0.3529	29.243	1.567	0.0002	2.76E-09	89.32%
0.3542	29.258	1.574	0.0002	3.00E-09	88.75%
0.3552	29.269	1.581	0.0002	3.23E-09	88.24%
0.3580	29.303	1.603	0.0001	4.10E-09	86.64%
0.3591	29.316	1.611	0.0001	4.51E-09	86.00%
0.3608	29.337	1.627	0.0000	5.33E-09	84.89%
0.3619	29.351	1.638	0.0000	5.95E-09	84.16%
0.3622	29.355	1.641	0.0000	6.16E-09	83.94%
0.3626	29.359	1.645	0.0000	6.41E-09	83.67%
0.3630	29.365	1.649	-0.0001	6.72E-09	83.37%
0.3637	29.374	1.657	-0.0001	7.27E-09	82.85%
0.3640	29.377	1.660	-0.0001	7.50E-09	82.66%
0.3640	29.377	1.660	-0.0001	7.48E-09	82.67%
				2.35E-09	90.46%

Amplicon: K1/K2

No: 4.17E+02

K1/K2
Run1-5 Av.

Cycle	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	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0000
21	0.0000
22	0.0000
23	0.0000
24	0.0010
25	0.0029
26	0.0055
27	0.0100
28	0.0176
29	0.0311
30	0.0536
31	0.0874
32	0.1343
33	0.1890
34	0.2397
35	0.2780
36	0.3035
37	0.3186
38	0.3292
39	0.3359
40	0.3402
41	0.3437
42	0.3451
43	0.3460
44	0.3465
45	0.3476

CV	r2	Fmax	$C_{1/2}$	k	Fb	Fo
23.17%	0.998598	0.0071	25.218	0.624	0.0000	1.93E-20
13.88%	0.997748	0.0169	26.648	0.970	0.0000	1.97E-14
13.67%	0.998457	0.0429	28.461	1.261	0.0000	6.78E-12
13.05%	0.999150	0.1336	30.787	1.496	-0.0001	1.54E-10
13.68%	0.999655	0.3053	32.487	1.608	-0.0001	5.15E-10
13.85%	0.999875	0.3332	32.675	1.621	-0.0001	5.90E-10
14.64%	0.999946	0.3703	32.928	1.647	-0.0001	7.67E-10
15.17%	0.999975	0.3694	32.922	1.646	-0.0001	7.60E-10
16.01%	0.999978	0.3537	32.789	1.618	-0.0001	5.61E-10
16.95%	0.999971	0.3441	32.695	1.591	0.0000	4.09E-10
17.44%	0.999974	0.3406	32.658	1.577	0.0000	3.45E-10
17.93%	0.999976	0.3390	32.639	1.568	0.0000	3.09E-10
18.00%	0.999980	0.3396	32.647	1.572	0.0000	3.25E-10
18.06%	0.999977	0.3407	32.660	1.580	0.0000	3.59E-10
17.94%	0.999971	0.3417	32.673	1.589	0.0000	4.01E-10
18.09%	0.999958	0.3429	32.688	1.599	-0.0001	4.56E-10
17.94%	0.999950	0.3437	32.698	1.607	-0.0001	5.02E-10
18.02%	0.999945	0.3443	32.706	1.613	-0.0001	5.41E-10
17.87%	0.999942	0.3448	32.712	1.618	-0.0001	5.74E-10
17.87%	0.999937	0.3452	32.718	1.623	-0.0001	6.10E-10
	0.999980					3.09E-10

	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24	0.0020	0.0019	0.0008	0.0029	0.0017	0.0013	0.0021	0.0000
25	0.0045	0.0034	0.0028	0.0026	0.0044	0.0028	0.0026	0.0032
26	0.0064	0.0052	0.0059	0.0056	0.0079	0.0058	0.0070	0.0070
27	0.0097	0.0102	0.0117	0.0103	0.0106	0.0111	0.0105	0.0098
28	0.0151	0.0178	0.0182	0.0201	0.0188	0.0187	0.0189	0.0178
29	0.0291	0.0343	0.0342	0.0360	0.0292	0.0334	0.0330	0.0315
30	0.0506	0.0558	0.0617	0.0619	0.0534	0.0561	0.0561	0.0551
31	0.0795	0.0939	0.0990	0.1027	0.0885	0.0938	0.0938	0.0886
32	0.1279	0.1400	0.1547	0.1587	0.1352	0.1424	0.1437	0.1368
33	0.1811	0.2045	0.2199	0.2230	0.1917	0.2033	0.2046	0.1901
34	0.2296	0.2558	0.2844	0.2895	0.2396	0.2538	0.2671	0.2415
35	0.2766	0.3013	0.3363	0.3450	0.2751	0.2945	0.3062	0.2809
36	0.3008	0.3295	0.3732	0.3750	0.2993	0.3239	0.3400	0.3073
37	0.3188	0.3448	0.3944	0.3978	0.3162	0.3370	0.3565	0.3248
38	0.3303	0.3580	0.4037	0.4126	0.3250	0.3514	0.3681	0.3304
39	0.3370	0.3646	0.4178	0.4194	0.3326	0.3580	0.3771	0.3369
40	0.3387	0.3666	0.4209	0.4268	0.3350	0.3618	0.3785	0.3422
41	0.3465	0.3728	0.4265	0.4283	0.3376	0.3703	0.3843	0.3444
42	0.3424	0.3737	0.4279	0.4301	0.3410	0.3709	0.3834	0.3453
43	0.3466	0.3781	0.4272	0.4318	0.3412	0.3696	0.3863	0.3508
44	0.3476	0.3751	0.4278	0.4310	0.3464	0.3726	0.3872	0.3466
45	0.3506	0.3775	0.4254	0.4315	0.3430	0.3718	0.3871	0.3516

	Cycle	K1/K2 Run1 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	0.0000						
	16	0.0000						
	17	0.0000						
	18	0.0000						
	19	0.0000						
	20	0.0000						
	21	0.0000						
	22	0.0000						
	23	0.0000						
	24	0.0019						
Eo	25	0.0033	CV	r2	Fmax	$C_{1/2}$	k	Fb
397.20%	26	0.0058	8.76%	0.989317	0.0075	25.092	0.775	0.0000
180.44%	27	0.0105	8.19%	0.993938	0.0241	27.327	1.215	0.0000
120.99%	28	0.0178	11.58%	0.997679	0.0502	28.837	1.401	0.0000
95.12%	29	0.0334	8.93%	0.998740	3.1081	36.574	1.674	-0.0001
86.23%	30	0.0575	9.39%	0.999553	0.4436	33.094	1.627	-0.0001
85.29%	31	0.0938	10.85%	0.999834	0.3410	32.541	1.592	0.0000
83.53%	32	0.1453	9.72%	0.999924	0.4074	32.965	1.635	-0.0001
83.59%	33	0.2071	9.24%	0.999965	0.4207	33.050	1.647	-0.0001
85.52%	34	0.2648	10.49%	0.999968	0.3980	32.883	1.614	0.0000
87.49%	35	0.3148	10.07%	0.999980	0.4016	32.914	1.622	0.0000
88.55%	36	0.3446	10.45%	0.999966	0.3936	32.840	1.596	0.0000
89.22%	37	0.3640	10.62%	0.999968	0.3908	32.812	1.583	0.0000
88.91%	38	0.3762	10.32%	0.999974	0.3905	32.808	1.581	0.0000
88.30%	39	0.3847	10.59%	0.999975	0.3914	32.818	1.587	0.0000
87.64%	40	0.3883	11.00%	0.999978	0.3918	32.823	1.590	0.0000
86.87%	41	0.3935	10.31%	0.999966	0.3930	32.836	1.600	0.0000
86.30%	42	0.3935	10.91%	0.999967	0.3935	32.841	1.604	0.0000
85.85%	43	0.3959	10.33%	0.999962	0.3941	32.849	1.609	-0.0001
85.51%	44	0.3954	10.34%	0.999963	0.3944	32.852	1.612	-0.0001
85.14%	45	0.3963	9.80%	0.999962	0.3948	32.856	1.615	-0.0001
89.22%				0.999980				

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	0.0000	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	0.0000	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	0.0000	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
0.0025	0.0000	0.0024	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000
0.0052	0.0041	0.0033	0.0022	0.0031	0.0023	0.0023	0.0010	0.0018
0.0057	0.0060	0.0065	0.0066	0.0032	0.0038	0.0053	0.0029	0.0056
0.0114	0.0102	0.0120	0.0101	0.0088	0.0088	0.0079	0.0063	0.0098
0.0193	0.0204	0.0217	0.0193	0.0168	0.0151	0.0153	0.0119	0.0171
0.0343	0.0357	0.0363	0.0329	0.0295	0.0266	0.0238	0.0233	0.0308
0.0597	0.0611	0.0639	0.0588	0.0491	0.0455	0.0397	0.0388	0.0516
0.0985	0.1016	0.0997	0.0942	0.0811	0.0720	0.0644	0.0647	0.0840
0.1545	0.1572	0.1556	0.1504	0.1214	0.1084	0.0985	0.0973	0.1278
0.2147	0.2237	0.2197	0.2085	0.1649	0.1482	0.1348	0.1360	0.1809
0.2744	0.2824	0.2807	0.2652	0.2033	0.1815	0.1705	0.1714	0.2265
0.3222	0.3304	0.3218	0.3076	0.2298	0.2065	0.1931	0.1942	0.2607
0.3540	0.3621	0.3492	0.3368	0.2485	0.2225	0.2078	0.2137	0.2846
0.3750	0.3806	0.3649	0.3563	0.2549	0.2303	0.2178	0.2208	0.2950
0.3864	0.3913	0.3836	0.3660	0.2591	0.2390	0.2251	0.2285	0.3085
0.3919	0.3998	0.3878	0.3768	0.2673	0.2445	0.2272	0.2300	0.3175
0.4003	0.4081	0.3944	0.3767	0.2724	0.2434	0.2339	0.2356	0.3197
0.3999	0.4107	0.3996	0.3829	0.2752	0.2485	0.2347	0.2328	0.3240
0.4038	0.4135	0.3984	0.3865	0.2711	0.2488	0.2372	0.2395	0.3263
0.4106	0.4131	0.3980	0.3824	0.2738	0.2487	0.2378	0.2393	0.3250
0.4086	0.4122	0.3996	0.3830	0.2765	0.2500	0.2367	0.2399	0.3243
0.4068	0.4165	0.3999	0.3896	0.2736	0.2504	0.2375	0.2398	0.3267

Cycle	K1/K2 Run2 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	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0000
21	0.0000
22	0.0000
23	0.0000
24	0.0013
25	0.0033
26	0.0069
27	0.0105
28	0.0186
29	0.0318
30	0.0552
31	0.0912
32	0.1395
33	0.1974
34	0.2505
35	0.2892
36	0.3176
37	0.3336
38	0.3437
39	0.3512
40	0.3544
41	0.3592
42	0.3602
43	0.3620
44	0.3632
45	0.3634

Fo	Eo	CV	r2	Fmax	$C_{1/2}$	k
6.48E-17	263.51%	12.44%	0.997606	0.0109	25.598	0.724
4.15E-12	127.68%	5.10%	0.999009	0.0132	25.903	0.803
5.76E-11	104.19%	2.73%	0.995882	0.0445	28.465	1.344
1.00E-09	81.76%	5.98%	0.998178	0.1446	31.023	1.596
6.48E-10	84.92%	2.31%	0.999271	0.8160	34.608	1.757
4.52E-10	87.42%	3.32%	0.999738	0.5721	33.875	1.731
7.18E-10	84.31%	2.98%	0.999875	0.4060	33.076	1.668
8.15E-10	83.50%	3.84%	0.999942	0.3967	33.014	1.660
5.62E-10	85.84%	5.08%	0.999950	0.3717	32.815	1.619
6.20E-10	85.23%	4.83%	0.999936	0.3566	32.675	1.578
4.54E-10	87.14%	5.70%	0.999955	0.3560	32.669	1.576
3.91E-10	88.05%	5.24%	0.999965	0.3550	32.658	1.570
3.82E-10	88.20%	5.77%	0.999972	0.3551	32.659	1.571
4.11E-10	87.75%	5.85%	0.999971	0.3561	32.671	1.578
4.26E-10	87.54%	5.55%	0.999972	0.3567	32.678	1.583
4.80E-10	86.83%	6.10%	0.999956	0.3580	32.694	1.594
5.02E-10	86.56%	5.65%	0.999950	0.3588	32.703	1.602
5.39E-10	86.14%	5.54%	0.999941	0.3596	32.713	1.609
5.57E-10	85.94%	5.56%	0.999931	0.3603	32.722	1.616
5.78E-10	85.73%	5.48%	0.999926	0.3608	32.728	1.622
3.82E-10	88.20%		0.999972			

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	0.0000
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
0.0010	0.0004	0.0000
0.0013	0.0030	0.0021
0.0053	0.0043	0.0046
0.0118	0.0094	0.0091
0.0191	0.0168	0.0138
0.0330	0.0304	0.0241
0.0568	0.0536	0.0427
0.0938	0.0842	0.0696
0.1394	0.1307	0.1047
0.1938	0.1859	0.1507
0.2475	0.2397	0.1904
0.2782	0.2777	0.2213
0.3009	0.3034	0.2369
0.3166	0.3189	0.2498
0.3293	0.3326	0.2553
0.3350	0.3343	0.2634
0.3384	0.3416	0.2697
0.3420	0.3438	0.2690
0.3408	0.3478	0.2733
0.3436	0.3457	0.2704
0.3459	0.3467	0.2725
0.3471	0.3497	0.2750

Cycle	K1/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	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0000
21	0.0000
22	0.0000
23	0.0000
24	0.0014
25	0.0037
26	0.0062
27	0.0109
28	0.0202
29	0.0348
30	0.0609
31	0.0985
32	0.1544
33	0.2167
34	0.2757
35	0.3205
36	0.3505
37	0.3692
38	0.3818
39	0.3891
40	0.3949
41	0.3983
42	0.4006
43	0.4010
44	0.4009
45	0.4032

Fb	Fo	Eo	CV	r2	Fmax	$C_{1/2}$
0.0000	4.81E-18	297.98%	6.84%	0.997821	0.0073	24.965
0.0000	1.31E-16	247.15%	8.50%	0.995456	0.0187	26.649
-0.0001	2.84E-11	110.40%	5.66%	0.997402	0.0929	29.854
-0.0001	5.24E-10	87.10%	4.36%	0.999129	0.1489	30.792
-0.0001	2.26E-09	76.70%	3.66%	0.999622	0.4939	33.244
-0.0001	1.81E-09	78.21%	3.19%	0.999855	0.3622	32.586
-0.0001	9.97E-10	82.10%	1.88%	0.999917	0.4906	33.310
-0.0001	9.12E-10	82.67%	3.03%	0.999942	0.4238	32.922
0.0000	5.85E-10	85.47%	2.82%	0.999960	0.4060	32.792
0.0001	3.62E-10	88.46%	2.95%	0.999965	0.3967	32.714
0.0001	3.52E-10	88.64%	3.02%	0.999972	0.3935	32.685
0.0001	3.30E-10	89.05%	2.92%	0.999978	0.3928	32.677
0.0001	3.31E-10	89.02%	2.89%	0.999980	0.3940	32.689
0.0001	3.65E-10	88.43%	2.46%	0.999979	0.3950	32.700
0.0000	3.87E-10	88.07%	3.38%	0.999969	0.3964	32.715
0.0000	4.44E-10	87.25%	2.88%	0.999959	0.3976	32.729
0.0000	4.86E-10	86.71%	2.81%	0.999949	0.3987	32.740
-0.0001	5.33E-10	86.16%	3.51%	0.999946	0.3993	32.748
-0.0001	5.81E-10	85.65%	3.25%	0.999947	0.3997	32.752
-0.0001	6.20E-10	85.27%	2.81%	0.999940	0.4003	32.758
	3.30E-10	89.05%		0.999980		

Cycle	K1/K2 Run4 Av. Av. Fc
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0000
12	0.0000
13	0.0000
14	0.0000
15	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0000
21	0.0000
22	0.0000
23	0.0000
24	0.0000
25	0.0022
26	0.0038
27	0.0080
28	0.0148
29	0.0258
30	0.0433
31	0.0706
32	0.1064
33	0.1460
34	0.1817
35	0.2059
36	0.2231
37	0.2310
38	0.2379
39	0.2423
40	0.2463
41	0.2478
42	0.2492
43	0.2499
44	0.2508
45	0.2503

k	Fb	Fo	Eo	CV	r2	Fmax
0.609	0.0000	1.17E-20	416.20%			
1.053	0.0000	1.91E-13	158.45%	14.83%	0.990337	0.0150
1.444	0.0000	9.81E-11	99.84%	13.95%	0.996914	0.0334
1.511	-0.0001	2.10E-10	93.85%	11.09%	0.998808	0.0641
1.653	-0.0001	9.15E-10	83.10%	11.30%	0.999403	0.1210
1.613	-0.0001	6.14E-10	85.85%	11.14%	0.999635	0.2259
1.683	-0.0001	1.24E-09	81.16%	10.50%	0.999840	0.2592
1.631	-0.0001	7.25E-10	84.63%	9.59%	0.999923	0.2589
1.604	0.0000	5.34E-10	86.56%	8.40%	0.999955	0.2549
1.581	0.0000	4.08E-10	88.25%	8.28%	0.999943	0.2468
1.570	0.0000	3.56E-10	89.10%	8.05%	0.999959	0.2460
1.566	0.0000	3.42E-10	89.35%	7.29%	0.999953	0.2438
1.573	0.0000	3.70E-10	88.87%	6.43%	0.999961	0.2441
1.579	0.0000	4.02E-10	88.36%	7.57%	0.999961	0.2448
1.590	0.0000	4.57E-10	87.59%	7.25%	0.999938	0.2460
1.599	-0.0001	5.15E-10	86.88%	7.89%	0.999926	0.2468
1.608	-0.0001	5.73E-10	86.24%	6.21%	0.999914	0.2475
1.614	-0.0001	6.14E-10	85.84%	6.66%	0.999905	0.2481
1.617	-0.0001	6.38E-10	85.61%	7.20%	0.999895	0.2486
1.622	-0.0002	6.82E-10	85.22%	6.59%	0.999895	0.2489
		3.42E-10	89.35%		0.999961	

Cycle	K1/K2 Run5 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	0.0000		
16	0.0000		
17	0.0000		
18	0.0000		
19	0.0000		
20	0.0000		
21	0.0000		
22	0.0000		
23	0.0000		
24	0.0004		
25	0.0021	CV	r2
26	0.0050	12.18%	0.999933
27	0.0100	12.15%	0.998920
28	0.0167	13.09%	0.999332
29	0.0296	12.93%	0.998302
30	0.0512	11.81%	0.999187
31	0.0829	12.03%	0.999697
32	0.1257	11.79%	0.999870
33	0.1778	10.60%	0.999921
34	0.2260	11.19%	0.999951
35	0.2595	10.30%	0.999911
36	0.2815	10.96%	0.999913
37	0.2951	10.86%	0.999929
38	0.3064	11.66%	0.999931
39	0.3126	10.80%	0.999929
40	0.3174	10.46%	0.999914
41	0.3197	10.94%	0.999905
42	0.3221	10.47%	0.999891
43	0.3212	10.93%	0.999896
44	0.3224	10.80%	0.999897
45	0.3246	10.67%	0.999884

$C_{1/2}$	k	Fb	Fo	Eo
26.899	0.896	0.0000	1.38E-15	205.22%
28.255	1.099	0.0000	2.26E-13	148.50%
29.500	1.265	0.0000	4.76E-12	120.48%
30.838	1.428	-0.0001	5.04E-11	101.46%
32.248	1.580	-0.0001	3.09E-10	88.31%
32.585	1.619	-0.0001	4.71E-10	85.46%
32.582	1.618	-0.0001	4.68E-10	85.50%
32.533	1.607	-0.0001	4.12E-10	86.30%
32.421	1.572	-0.0001	2.73E-10	88.90%
32.408	1.567	-0.0001	2.57E-10	89.28%
32.374	1.551	0.0000	2.09E-10	90.59%
32.378	1.553	0.0000	2.15E-10	90.39%
32.390	1.561	0.0000	2.37E-10	89.79%
32.411	1.575	-0.0001	2.84E-10	88.69%
32.426	1.586	-0.0001	3.24E-10	87.89%
32.438	1.595	-0.0001	3.65E-10	87.18%
32.448	1.603	-0.0001	4.02E-10	86.60%
32.457	1.611	-0.0002	4.40E-10	86.05%
32.463	1.615	-0.0002	4.65E-10	85.73%
			2.09E-10	90.59%

0.999931

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0061	25.313	0.465	0.0000	1.38E-26	759.13%
0.0166	26.662	0.798	0.0000	5.19E-17	249.96%
0.0255	27.392	0.954	0.0000	8.73E-15	185.15%
0.0809	29.749	1.349	-0.0001	2.14E-11	109.85%
0.2294	31.936	1.552	-0.0001	2.65E-10	90.49%
0.2787	32.362	1.587	-0.0001	3.87E-10	87.80%
0.3117	32.634	1.617	-0.0001	5.39E-10	85.57%
0.3516	32.963	1.667	-0.0001	9.07E-10	82.20%
0.3387	32.848	1.643	-0.0001	7.06E-10	83.77%
0.3206	32.660	1.590	0.0000	3.82E-10	87.60%
0.3146	32.591	1.563	0.0000	2.76E-10	89.63%
0.3129	32.570	1.553	0.0000	2.43E-10	90.42%
0.3146	32.592	1.565	0.0000	2.85E-10	89.44%
0.3161	32.612	1.577	0.0000	3.32E-10	88.50%
0.3177	32.633	1.592	-0.0001	3.96E-10	87.43%
0.3188	32.648	1.603	-0.0001	4.55E-10	86.61%
0.3198	32.663	1.614	-0.0001	5.20E-10	85.81%
0.3203	32.669	1.619	-0.0002	5.50E-10	85.48%
0.3207	32.675	1.624	-0.0002	5.84E-10	85.12%
0.3214	32.684	1.631	-0.0002	6.40E-10	84.59%
				2.43E-10	90.42%

Cycle	K1/K2 Run1 Rep1	r2
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	0.0000	
16	0.0000	
17	0.0000	
18	0.0000	
19	0.0000	
20	0.0000	
21	0.0000	
22	0.0000	
23	0.0000	
24	0.0020	
25	0.0045	
26	0.0064	0.996336
27	0.0097	0.991239
28	0.0151	0.992650
29	0.0291	0.993933
30	0.0506	0.997991
31	0.0795	0.998955
32	0.1279	0.999521
33	0.1811	0.999706
34	0.2296	0.999772
35	0.2766	0.999835
36	0.3008	0.999839
37	0.3188	0.999874
38	0.3303	0.999900
39	0.3370	0.999916
40	0.3387	0.999926
41	0.3465	0.999901
42	0.3424	0.999909
43	0.3466	0.999909
44	0.3476	0.999908
45	0.3506	0.999888
		0.999926

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0069	24.592	0.563	0.0000	7.28E-22	491.07%
0.0120	25.680	0.977	0.0000	4.62E-14	178.31%
0.0276	27.754	1.460	-0.0001	1.53E-10	98.38%
2.7193	37.306	1.827	0.0000	3.69E-09	72.86%
13.4694	39.998	1.791	0.0000	2.69E-09	74.78%
0.2956	32.650	1.657	0.0000	8.16E-10	82.87%
0.5907	34.308	1.793	-0.0001	2.89E-09	74.68%
0.3903	33.236	1.678	0.0000	9.76E-10	81.48%
0.3409	32.830	1.597	0.0001	4.04E-10	87.02%
0.3557	32.974	1.638	0.0000	6.42E-10	84.15%
0.3445	32.855	1.595	0.0001	3.93E-10	87.16%
0.3424	32.832	1.585	0.0002	3.46E-10	87.93%
0.3427	32.835	1.587	0.0002	3.53E-10	87.80%
0.3432	32.842	1.591	0.0001	3.71E-10	87.50%
0.3429	32.837	1.588	0.0001	3.58E-10	87.72%
0.3446	32.859	1.603	0.0001	4.32E-10	86.60%
0.3443	32.855	1.600	0.0001	4.18E-10	86.80%
0.3449	32.862	1.606	0.0001	4.49E-10	86.37%
0.3454	32.869	1.612	0.0001	4.80E-10	85.98%
0.3462	32.880	1.620	0.0000	5.34E-10	85.36%
				3.46E-10	87.93%

Cycle	K1/K2 Run1 Rep2	r2
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	0.0000	
16	0.0000	
17	0.0000	
18	0.0000	
19	0.0000	
20	0.0000	
21	0.0000	
22	0.0000	
23	0.0000	
24	0.0019	
25	0.0034	r2
26	0.0052	0.990332
27	0.0102	0.990407
28	0.0178	0.996903
29	0.0343	0.998753
30	0.0558	0.999303
31	0.0939	0.999592
32	0.1400	0.999807
33	0.2045	0.999788
34	0.2558	0.999764
35	0.3013	0.999854
36	0.3295	0.999891
37	0.3448	0.999900
38	0.3580	0.999918
39	0.3646	0.999929
40	0.3666	0.999938
41	0.3728	0.999927
42	0.3737	0.999925
43	0.3781	0.999896
44	0.3751	0.999901
45	0.3775	0.999897
		0.999938

Cycle	K1/K2 Run1 Rep3
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	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0000
21	0.0000
22	0.0000
23	0.0000
24	0.0008
25	0.0028
26	0.0059
27	0.0117
28	0.0182
29	0.0342
30	0.0617
31	0.0990
32	0.1547
33	0.2199
34	0.2844
35	0.3363
36	0.3732
37	0.3944
38	0.4037
39	0.4178
40	0.4209
41	0.4265
42	0.4279
43	0.4272
44	0.4278
45	0.4254

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	r2
0.0059	24.684	0.669	0.0000	5.60E-19	345.67%	0.999343
0.0407	28.518	1.377	0.0000	4.10E-11	106.77%	0.998566
0.0727	29.644	1.462	0.0000	1.13E-10	98.21%	0.999445
7.4901	37.659	1.608	0.0000	5.04E-10	86.26%	0.997322
0.1705	31.045	1.459	0.0000	9.74E-11	98.48%	0.999137
0.4240	33.068	1.643	-0.0001	7.69E-10	83.80%	0.999583
0.3254	32.440	1.579	0.0000	3.88E-10	88.40%	0.999786
0.4519	33.332	1.710	-0.0001	1.55E-09	79.45%	0.999902
0.3785	32.797	1.607	0.0000	5.16E-10	86.34%	0.999949
0.3771	32.784	1.603	0.0000	4.95E-10	86.60%	0.999967
0.3726	32.740	1.587	0.0000	4.08E-10	87.80%	0.999977
0.3686	32.698	1.568	0.0001	3.22E-10	89.26%	0.999978
0.3696	32.709	1.573	0.0000	3.46E-10	88.81%	0.999962
0.3704	32.718	1.579	0.0000	3.71E-10	88.39%	0.999952
0.3703	32.717	1.578	0.0000	3.68E-10	88.43%	0.999956
0.3716	32.733	1.589	0.0000	4.22E-10	87.61%	0.999947
0.3724	32.742	1.596	0.0000	4.60E-10	87.10%	0.999944
0.3737	32.757	1.608	-0.0001	5.34E-10	86.22%	0.999948
0.3740	32.761	1.611	-0.0001	5.54E-10	86.00%	0.999951
0.3746	32.768	1.617	-0.0001	5.94E-10	85.59%	0.999953
				3.22E-10	89.26%	0.999978

Cycle	K3/K2 Run1 Rep4
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	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0000
21	0.0000
22	0.0000
23	0.0000
24	0.0029
25	0.0026
26	0.0056
27	0.0103
28	0.0201
29	0.0360
30	0.0619
31	0.1027
32	0.1587
33	0.2230
34	0.2895
35	0.3450
36	0.3750
37	0.3978
38	0.4126
39	0.4194
40	0.4268
41	0.4283
42	0.4301
43	0.4318
44	0.4310
45	0.4315

Fmax	$C_{1/2}$	k	Fb	Fo	Eo	r2
0.0078	25.339	0.591	0.0000	1.87E-21	443.16%	0.935512
0.0228	26.952	0.935	0.0000	6.92E-15	191.37%	0.979305
0.0265	27.224	0.990	0.0000	2.99E-14	174.70%	0.993949
0.2473	31.868	1.565	-0.0001	3.53E-10	89.48%	0.998175
1.3747	35.050	1.652	-0.0001	8.35E-10	83.21%	0.999404
0.3001	32.070	1.517	-0.0001	1.97E-10	93.36%	0.999767
0.4215	32.879	1.609	-0.0001	5.65E-10	86.15%	0.999905
0.4341	32.956	1.620	-0.0001	6.38E-10	85.36%	0.999956
0.4336	32.953	1.620	-0.0001	6.33E-10	85.41%	0.999965
0.4289	32.917	1.610	-0.0001	5.65E-10	86.12%	0.999976
0.4280	32.908	1.607	-0.0001	5.45E-10	86.33%	0.999921
0.4254	32.885	1.596	-0.0001	4.82E-10	87.09%	0.999937
0.4217	32.850	1.578	0.0000	3.85E-10	88.44%	0.999949
0.4241	32.873	1.592	0.0000	4.56E-10	87.42%	0.999957
0.4247	32.879	1.596	-0.0001	4.81E-10	87.10%	0.999954
0.4261	32.894	1.606	-0.0001	5.45E-10	86.37%	0.999958
0.4270	32.903	1.613	-0.0001	5.90E-10	85.89%	0.999960
0.4272	32.905	1.615	-0.0001	6.05E-10	85.75%	0.999960
0.4274	32.907	1.617	-0.0001	6.18E-10	85.62%	0.999963
0.4272	32.905	1.615	-0.0001	6.02E-10	85.78%	0.999965
				3.85E-10	88.44%	0.999976

Fmax	$C_{1/2}$	k	Fb	Fo	Eo
0.0106	25.922	1.142	0.0000	1.47E-12	140.04%
0.0638	29.439	1.481	0.0000	1.49E-10	96.45%
0.2668	31.758	1.493	0.0000	1.54E-10	95.38%
0.2508	31.681	1.503	0.0000	1.75E-10	94.55%
0.2589	31.744	1.506	0.0000	1.83E-10	94.22%
0.3848	32.594	1.577	-0.0001	4.06E-10	88.55%
0.4230	32.816	1.600	-0.0001	5.22E-10	86.84%
0.4177	32.783	1.595	-0.0001	4.94E-10	87.20%
0.4398	32.938	1.627	-0.0001	7.13E-10	84.87%
0.4454	32.981	1.639	-0.0001	8.13E-10	84.06%
0.4296	32.847	1.592	0.0000	4.70E-10	87.42%
0.4272	32.826	1.582	0.0000	4.18E-10	88.13%
0.4279	32.833	1.586	0.0000	4.38E-10	87.85%
0.4280	32.833	1.586	0.0000	4.39E-10	87.84%
0.4293	32.847	1.595	0.0000	4.90E-10	87.18%
0.4298	32.852	1.599	0.0000	5.12E-10	86.92%
0.4302	32.856	1.602	-0.0001	5.33E-10	86.68%
0.4307	32.861	1.606	-0.0001	5.60E-10	86.39%
0.4309	32.863	1.607	-0.0001	5.67E-10	86.31%
0.4310	32.864	1.608	-0.0001	5.76E-10	86.22%
				4.18E-10	88.13%