Supplemental Data S2: Results from simple linear regression line fitting to log2 transformed cell density data from CxTr growth kinetics experiment.

Simple Linear Regression Results
Low Density (all points - dashed line)

	Best-fit values	Std. Error	95% CI
Slope	0.4044	0.04003	0.3097 to 0.4991
Y-intercept	11.94	0.1906	11.49 to 12.39
X-intercept	-29.53		-39.80 to -23.14
Doubling time (1/slope)	2.473		

Goodness of Fit	
R squared	0.9358
Sy.x	0.3101

Is slope significantly non-zero?	
F	102.1
DFn, Dfd	1, 7
p value	<0.0001
Deviation from zero?	Significant

Equation	
	Y=0.4044*X + 11.94

Data	
Number of X values	9
Maximun number of Y replicates	1
Total numberof values	9
Number of missing values	0

Simple Linear Regression Results
Intermediate Density (all points - dashed line)

	Best-fit values	Std. Error	95% CI
Slope	0.4543	0.0386	0.3630 to 0.5456
Y-intercept	13.33	0.1838	12.90 to 13.77
X-intercept	-29.34		-37/75 to -23.75
Doubling time (1/slope)	2.201		

Goodness of Fit	
R squared	0.9519
Sy.x	0.299

Is slope significantly non-zero?	
F	138.5
DFn, Dfd	1, 7
p value	<0.0001
Deviation from zero?	Significant

Equation	
	Y=0.4543*X + 13.33

Data	
Number of X values	9
Maximun number of Y replicates	1
Total number of values	9
Number of missing values	0

Simple Linear Regression Results
High Density (all points - dashed line)

	Best-fit values	Std. Error	95% CI
Slope	0.4441	0.01795	0.3979 to 0.49.02
Y-intercept	15.31	0.06473	15.15 to 15.48
X-intercept	-34.48		-38.83 to -30.95
Doubling time (1/slope)	2.252		

Goodness of Fit

R squared	0.9919
Sy.x	0.095

Is slope significantly non-zero?

F	611.9
DFn, Dfd	1, 5
p value	<0.0001
Deviation from zero?	Significant

Equation

Y=0.4441*X + 15.31

Data

Number of X values	9
Maximun number of Y replicates	1
Total number of values	7
Number of missing values	2