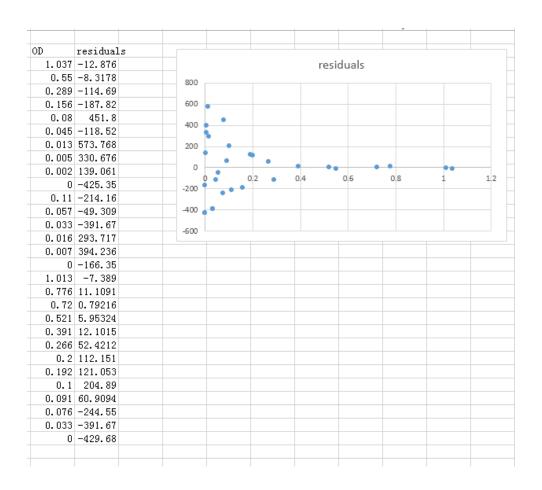
# **Supplementary Materials**

## 1. fit

			Variab	les												
min	Ymax	LogEC50- I	LogEC50-2	nH1	nH2	Frac	RSS	sumX^2					Equat	tion 1:		
6267.199287	66988.7107	-0.149639	0.4977961	-26.01181739	-11.59861972	0.986802	13.43	1835211.15					(Frac)		(1-Frac)	
										y = 1	min + (Vm	x -15min)(	1+ 10 <sup>((LogEC</sup> 50 <sub>1</sub> -	$\frac{1}{(x)\pi H_1)} + \frac{1}{1+}$	10 ((Log EC502-x)	nH <sub>2</sub>
L. rhamnosus yoba	Desideral adequate															
2012 (OD)	(arbitruary units)			Fit	X^2		Residua	de								
1.037				6268.737204			-13.43									
0.55				6550.167806			-6.5822									
0.289				7003.933866			-111.07		9100							
0.156				7074.799473			-176.2		3100							
0.08				7214.509917			447.51		ra 8600 €							
0.045				7441.163661	19414.6155		-139.34		ŧ (							
0.013				7924.730594			559.73		≧ 8100	١						
0.005				8120.203389			333.2		E E	1						
0.002				8204.229903			150.9		Fluorescence (arbitruary units) 8000 7100 7600 7700 7700 7700 7700 7700 7	-						
0	8670			8263.851748			-406.15		) e)	٠,٧٠.						
0.11	7338.222			7129.603583	43521.64386		-208.62		5 7100	·	-					
0.057	7404.5			7339.999213	4160.351549		-64.501		res	•						
0.033	7994.5			7578.535943	173026.0968		-415.96		을 6600			-				
0.016	7585.111			7861.000399	76114.96075		275.89		6100						90	
0.007	7676			8067.592746	153344.8789		391.59		9100	)	0.2	0.4	0.6	0.8	1 12	,
0	8411			8263.851748	21652.60797		-147.15						voba 2012 (C			
1.013	6277			6269.22958	60.37941936		-7.7704						, (-	- 600)		
0.776	6281.3			6297.789258	271.8956178		16.489									
0.72	6315			6323,791933	77.29808663		8.7919				L. 1	hamnosus	yoba 2012 -	aflatoxin l	B1 binding cu	arve
0.521	6611.3			6614.30695	9.041750704		3.007						1			
0.391	6886			6888.606619	6.794463393		2.6066									
0.266				7018.80297	3457.789248		58.803									
0.2				7050.77091			123.77									
0.192				7054.442103			132.94									
0.12				7151.271091	43168.8262		207.77									
0.091				7175.878209			60.878									
0.076				7231.428158			-250.57									
0.033				7578.535943			-415.96									
				8263 851748												
0	8674.33			8263.851748	168492.3951		-410.48									

### 2. residuals



#### 3. Calculated r2

			(Residual	aflatoxin -mean		
			aflatoxin -	of residual		
L. rham	Residual aflatoxin (arbitruary	Fit	Fit) squared	aflatoxin)		
1.037	6282.167	6268.74	180.3594079	1002944.924		
0.55	6556.75	6550.17	43.32528344	528366.716		
0.289	7115	7003.93	12335.68618	28438.90298		
0.156	7251	7074.8	31046.62567	1065.263804		
0.08	6767	7214.51	200265.1257	266915.215		
0.045	7580.5	7441.16	19414.6155	88126.82184		
0.013	7365	7924.73	313298.3381	6619.713321		
0.005	7787	8120.2	111024.4982	253372.9212		
0.002	8053.333	8204.23	22769.87548	592429.8091		
0	8670	8263.85	164956.4023	1921998.543		
0.11	7338.222	7129.6	43521.64386	2979.371648		
0.057	7404.5	7340	4160.351549	14607.53136		
0.033	7994.5	7578.54	173026.0968	505324.2438		
0.016	7585.111	7861	76114.96075	90885.74103		
0.007	7676	8067.59	153344.8789	153947.6414		
0	8411	8263.85	21652.60797	1270944.224		
1.013	6277	6269.23	60.37941936	1013320.827		
0.776	6281.3	6297.79	271.8956178	1004682.227		
0.72	6315	6323.79	77.29808663	938260.3099		
0.521	6611.3	6614.31	9.041750704	452038.8963		
0.391	6886	6888.61	6.794463393	158116.2807		
0.266	6960	7018.8	3457.789248	104741.8006		
0.2	6927	7050.77	15319.23828	127190.9336		
0.192	6921.5	7054.44	17673.60279	131144.2058		
0.1	6943.5	7151.27	43168.8262	115694.1171		
0.091	7115	7175.88	3706.156272	28438.90298		
0.076	7482	7231.43	62786. 24815	39347.33256		
0.033	7994.5	7578.54	173026.0968	505324.2438		
0	8674.33	8263.85	168492.3951	1934023.184		
Mean	7283. 638379	Total	1835211.154	13281290.84		
	The percentage of total variat		0.13818018			
		R2 =	0.86181982			

## 4. Total binding sites per bacteri

