

Autoaggregation assay performed under static conditions

All cultures were homogenized at the start of experiment and then kept at static conditions for further measurements. The missing values represent an outlier that was removed or strains that were not used on specific experiments.

Assay 1

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.119	1.080	1.073
20	1.106	0.873	1.062
40	1.139	0.496	0.737
60	1.097	0.345	0.417
80	1.108	0.292	0.382
100	1.059	0.295	0.336
120	1.090	0.266	0.338

Assay 2

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.052	1.004	1.016
20	1.052	-	1.076
40	1.037	0.373	0.981
60	1.016	0.354	0.884
80	0.985	0.356	0.838
100	1.014	0.340	0.819
120	0.959	0.305	0.814

Assay 3

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.079	1.057	1.011
20	1.081	0.965	1.035
40	1.080	0.617	0.781
60	1.070	0.406	0.605
80	1.036	0.361	0.565
100	1.008	0.290	0.543
120	1.014	0.295	0.540

Assay 4

Time (minutes)	Optic density at 600		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.069	1.043	1.031
20	1.067	1.033	1.059
40	1.072	0.794	1.046
60	1.060	0.624	0.974
80	1.054	0.581	0.858
100	1.020	0.505	0.817
120	0.898	0.486	0.763

Assay 5

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.075	0.989	1.042
20	1.076	0.912	1.042
40	1.089	0.464	0.857
60	1.094	0.377	0.686
80	1.064	0.413	0.608
100	1.064	0.411	0.590
120	1.038	0.406	0.582

Assay 6

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.053	1.041	1.001
20	1.093	1.008	1.075
40	1.086	0.464	1.050
60	1.093	0.278	0.826
80	1.085	0.267	0.787
100	1.071	0.280	0.764
120	1.063	0.292	0.745

Assay 7

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.033	1.011	1.078
20	1.058	1.033	0.983
40	1.050	0.759	0.653
60	1.054	0.495	0.557
80	1.051	0.420	0.483
100	1.037	0.395	0.494
120	1.014	0.377	0.502

Assay 8

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.068	1.038	1.010
20	1.081	1.057	1.099
40	1.083	1.005	1.069
60	1.081	0.702	1.034
80	1.081	0.560	0.813
100	1.073	0.498	0.775
120	1.053	0.457	0.733

Assay 9

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.081	1.046	1.118
20	1.091	1.054	1.094
40	1.105	0.921	1.080
60	1.048	0.656	1.007
80	1.079	0.525	0.786
100	1.069	0.471	0.720
120	1.062	0.446	0.705

Assay 10

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.065	1.015	-
20	1.085	1.068	-
40	1.085	0.983	-
60	1.089	0.691	-
80	1.095	0.604	-
100	1.075	0.531	-
120	1.067	0.491	-

Assay 11

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.094	1.069	-
20	1.039	0.994	-
40	1.087	0.597	-
60	1.083	0.354	-
80	1.045	0.267	-
100	1.030	0.221	-
120	1.051	0.228	-

Average $\pm$ Standard deviation

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.076 $\pm$ 0.025	1.012 $\pm$ 0.043	1.058 $\pm$ 0.041
20	1.055 $\pm$ 0.029	1.032 $\pm$ 0.027	1.068 $\pm$ 0.033
40	1.071 $\pm$ 0.020	1.040 $\pm$ 0.023	1.068 $\pm$ 0.036
60	1.077 $\pm$ 0.033	1.049 $\pm$ 0.024	1.056 $\pm$ 0.041
80	1.067 $\pm$ 0.045	1.044 $\pm$ 0.031	1.054 $\pm$ 0.043
100	1.081 $\pm$ 0.021	1.039 $\pm$ 0.036	1.065 $\pm$ 0.035
120	1.073 $\pm$ 0.039	1.029 $\pm$ 0.032	1.048 $\pm$ 0.055