

Autoaggregation assay

All cultures were homogenized before each reading. Missing values represent outliers that were removed or strains that were not tested on a specific experiment.

Assay 1

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.069	1.031	1.079
20	1.069	1.050	1.073
40	1.069	1.049	1.076
60	1.076	1.047	1.070
80	-	1.055	1.073
100	1.090	1.054	1.063
120	1.088	1.030	0.945

Assay 2

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.081	0.956	1.056
20	1.085	1.010	1.057
40	1.055	1.009	1.059
60	1.118	1.011	1.063
80	1.102	0.977	1.067
100	1.002	1.024	1.056
120	1.079	1.006	1.067

Assay 3

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	-	1.015	1.019
20	1.051	1.016	1.026
40	1.079	1.022	1.015
60	1.081	1.043	1.024
80	1.087	1.035	1.027
100	1.067	0.993	1.009
120	1.012	1.034	0.985

Assay 4

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.040	1.025	1.050
20	1.012	0.989	1.049
40	1.044	1.021	1.054
60	1.015	1.033	1.046
80	0.990	1.025	1.054
100	-	0.971	1.075
120	1.006	0.966	1.032

Assay 5

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.074	1.050	1.057
20	1.071	1.044	1.088
40	1.079	1.043	1.068
60	1.087	1.052	1.044
80	1.080	1.049	1.058
100	1.098	1.064	1.051
120	1.087	1.045	1.059

Assay 6

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.075	1.019	1.084
20	1.061	1.060	1.070
40	1.081	1.065	1.091
60	1.064	1.089	0.997
80	1.082	1.066	1.078
100	1.077	1.052	1.075
120	1.071	1.009	1.081

Assay 7

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.108	1.071	1.087
20	0.995	1.073	1.101
40	1.111	1.082	1.104
60	1.117	1.084	1.105
80	1.120	1.083	0.968
100	1.117	1.079	1.099
120	1.127	1.067	1.098

Assay 8

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.079	1.007	1.112
20	1.065	1.014	1.112
40	1.077	1.024	1.125
60	1.086	1.037	1.128
80	1.074	1.046	1.127
100	1.063	1.048	1.127
120	1.088	1.043	1.119

Assay 9

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.046	0.933	0.975
20	1.066	1.030	1.025
40	1.069	1.043	1.019
60	1.034	1.044	1.030
80	1.073	1.063	1.031
100	1.054	1.062	1.033
120	1.056	1.064	1.049

Assay 10

Time (minutes)	Optic density at 600 nm		
	MS427(pBAD)	MS427(pIC)	MS427(pCO4)
0	1.115	-	-
20	1.071	-	-
40	1.045	-	-
60	1.096	-	-
80	0.994	-	-
100	1.065	-	-
120	1.111	-	-

Average ± Standard deviation

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