

### 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  $\pm$  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