

**Table S2**

<b>Growth Curve</b>	<b>Lag Phase [hours]</b>
<b>Carbon Limitation</b>	
0.50 gC/L	4.4228
0.25 gC/L	3.9737
0.125 gC/L	3.6973
0.063 gC/L	3.0001
<b>Nitrogen Limitation</b>	
0.0625 gN/L	3.1000
0.0312 gN/L	4.3812
0.0156 gN/L	2.6570
0.0078 gN/L	3.2814
<b>Iron Limitation (Supplemented Concentration)</b>	
$6.981 \times 10^{-5}$ gFe/L	2.7400
$3.490 \times 10^{-5}$ gFe/L	2.6322
$1.745 \times 10^{-5}$ gFe/L	2.6269
$8.726 \times 10^{-6}$ gFe/L	3.2804
$4.362 \times 10^{-6}$ gFe/L	3.1083
$2.181 \times 10^{-6}$ gFe/L	3.5053
$1.089 \times 10^{-6}$ gFe/L	4.5329
0 gFe/L	4.6104
<b>Quorum Sensing</b>	
4 X	6.5532
2 X	6.4149
1 X	6.4797
½ X	6.2006
¼ X	5.4931
0	4.1117