

**A****Aerobic***E. coli* core (*in silico*)  
0.71/ 0.40/9.7

(experimental)

0.56/ 0.45/9.0	<i>E. coli</i> K12 MG1655
0.74/ 0.44/10.3	<i>E. coli</i> K12 W3110
0.54/ 0.32/10.0	<i>E. coli</i> EHEC EDL933
0.74/ 0.44/9.0	<i>E. coli</i> EHEC Sakai
0.79/ 0.47/8.0	<i>E. coli</i> UPEC CFTO73
0.74/ 0.45/9.5	<i>E. coli</i> UPEC UTI89
0.80/ 0.40/8.0	<i>Salmonella</i> LT2
0.74/ 0.45/9.0	( <i>in silico</i> )

**B****Anaerobic***E. coli* core (*in silico*)  
0.45/ 0.13/7.5

(experimental)

0.39/ 0.17/9.0	<i>E. coli</i> K12 MG1655
0.52/ 0.16/7.0	<i>E. coli</i> K12 W3110
0.33/ 0.10/10.0	<i>E. coli</i> EHEC EDL933
0.52/ 0.16/7.0	<i>E. coli</i> EHEC Sakai
0.56/ 0.17/8.0	<i>E. coli</i> UPEC CFTO73
0.53/ 0.17/6.4	<i>E. coli</i> UPEC UTI89
0.68/ 0.13/8.0	<i>Salmonella</i> LT2
0.53/ 0.17/6.6	( <i>in silico</i> )

Growth rate (1/h)

Growth yield (g)

Time to attain final biomass (h)

(experimental)

(*in silico*)