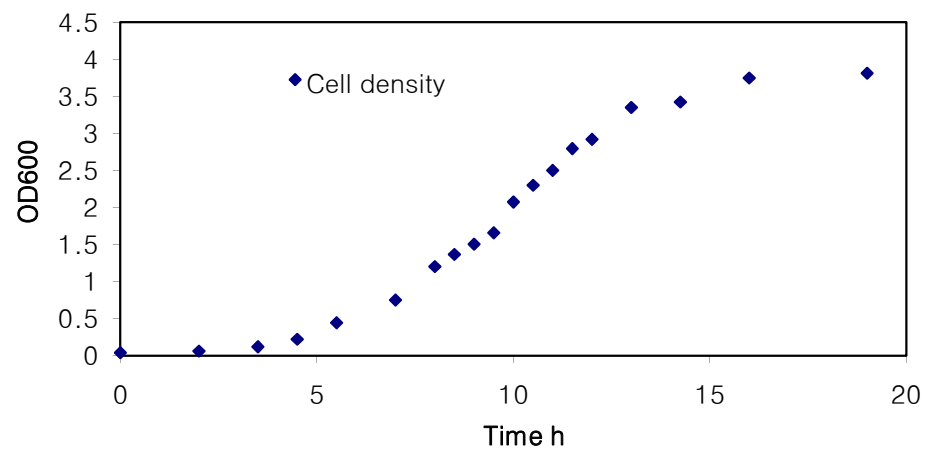


Supplementary information 6 Batch fermentation data of *P. putida* KT2440 on M9 media with glucose

pH	Temp	
	7	30
Conversion factor (g/ OD 600)	0.35	
Concentration	g/L	
	OD600	(g/L)
t	OD	DCW
	5.5	0.4445
	11.5	2.795
M.W		
Concentration	mmol/L	
t	OD	DCW
	5.5	0.4445
	11.5	2.795
Flux	mmol/gDCW/h	
t	X(g/L)	lnX
	5.5	0.155575
	11.5	0.97825
u (specific growth rate)	O2	
	0.306439555	ATPM
		fully saturation
		9.7

		LC data		
Sample #	Time	OD600	Glucose	citric acid
0	0	0.04		
1	2	0.0613	11.0001	
2	3.5	0.1191	10.6729	
3	4.5	0.2215	9.834	
4	5.5	0.4445	9.4226	
5	7	0.7501	8.5695	
6	8	1.203	8.06105	
7	8.5	1.366	7.9918	
8	9	1.504	7.26405	
9	9.5	1.658	6.9764	
10	10	2.074	6.56315	
11	10.5	2.3	6.3562	1.906
12	11	2.5	5.95815	2.0073
13	11.5	2.795	4.4969	3.04865
14	12	2.92	4.2764	3.1896
15	13	3.35	2.6657	4.8108
16	14.25	3.424	1.8987	5.69025
17	16	3.748	0	5.66445

Growth Curve



Glucose consumption

