Table 4
Monod substrate affinity constants (K_s) reported in the literature for different strains of *E. coli* growing on glucose as the only source of carbon and energy

Strain	Method used for determination of kinetic constants	K_s $\mu g \cdot l^{-1}$)	μ_{max} (h^{-1})	Growth temperature (°C)	Ref.
H	Batch	4000	0.94	37	[3]
Not reported	Chemostat	77 000–99 000	0.92–1.05	30	[14]
Not reported	Chemostat	8000	0.65	20	[52]
B/r thy-	Batch	180	1.04	37	[44]
ML30G	Batch	68 (12 600 *)	0.78	30	[7]
ML308	Batch	3400	0.75	37	[53]
B/r CM6	Batch	540	n.r.	37	[54]
K12	Batch	7160	0.76	37	[55]
OUMI 7020	Batch	8460 (46 800 *)	0.55	20	[56]
ML308	Batch	107 **	0.536 #	37	[6]
ML308	Batch	2340	1.23 #	37	[6]
O–124	Batch	2400	0.55	26	[57]
ML30	Chemostat	53.4 $	0.80 #,$	37	This study
ML30	Chemostat	72.7 $$	0.92 $$	37	This study

Superscripts: *, Two uptake systems of different affinity reported. **, after chemostat adaptation; #, μ_{max} obtained from curve fitting and not experimental values; $, best fitting Monod model; $$, using experimentally determined μ_{max} of 0.92 h^{-1} in Monod equation.
Only strains carrying no obvious mutation with respect to glucose affinity are included.