

Table 2. Biomass formation rate and the specific rates of glucose uptake, carbon dioxide evolution, oxygen uptake, acetate formation and ammonium uptake during steady-state growth of *E. coli* TG1 at various dilution rates in glucose-limited continuous cultures

R_{Biomass} , Biomass formation rate; r_{Glucose} , glucose uptake rate; r_{CO_2} , carbon dioxide evolution rate; r_{O_2} , oxygen uptake rate; r_{Acetate} , acetate formation rate; r_{NH_4} , ammonium uptake rate.

D (h ⁻¹)	R_{Biomass} (g l ⁻¹ h ⁻¹)	r_{Glucose} (g g ⁻¹ h ⁻¹)	r_{CO_2} (g g ⁻¹ h ⁻¹)	r_{O_2} (g g ⁻¹ h ⁻¹)	r_{Acetate} (g g ⁻¹ h ⁻¹)	r_{NH_4} (g g ⁻¹ h ⁻¹)
0.044	0.223	0.087	0.056	0.0437	0.0000	0.0060
0.066	0.333	0.131	0.087	0.0570	0.0000	0.0093
0.134	0.709	0.253	0.175	0.1089	0.0000	0.0190
0.150	0.785	0.287	0.175	0.1175	0.0000	0.0215
0.170	0.889	0.325	0.213	0.1713	0.0000	0.0242
0.203	1.098	0.375	0.236	0.1757	0.0000	0.0289
0.265	1.399	0.502	0.291	0.1978	0.0000	0.0385
0.280	1.548	0.506	0.303	0.2216	0.0000	0.0395
0.300	1.659	0.542	0.325	0.2372	0.0000	0.0427
0.347	1.945	0.605	0.340	0.2421	0.0000	0.0485
0.375	2.132	0.640	0.332	0.2415	0.0032	0.0534
0.388	2.281	0.643	0.335	0.2438	0.0034	0.0557
0.397	2.092	0.723	0.382	0.2633	0.0047	0.0577