

**Table 1.** Growth of *E. coli* and  $^{14}\text{CO}_2$  evolution during incubation with [U- $^{14}\text{C}$ ]carbon source, each at 1 mM.

C source	Strain	Doubling time (h)	$^{14}\text{CO}_2$ evolution during 30 min incubation (37 °C) (nmol·min $^{-1}$ )
Glucose	RK 9118 parent	2.62	
Glucose	RK9117 mutant	2.23 ± 0.32	0.283 ± 0.014
Glycerol	RK9117 mutant	3.61 ± 0.42	
Glu6P	RK9117 mutant	1.77	0.053 ± 0.004
Fru6P	RK9117 mutant	2.17	0.042 ± 0.001
Fru1,6P <sub>2</sub>	RK9117 mutant	4.05 ± 0.72	0.092 ± 0.001