

Colony forming units of *E. coli* BL21 [DE3] on agar plates with different carbon sources. M9 medium was supplemented with 0.20% glycerol; 0.24% pyruvate; 0.45% succinate; or 0.27% acetate. The strain was pre-grown in glycerol-supplemented M9, washed in PBS, and the culture was diluted so as to plate 100 CFUs per Petri dish. Plates were incubated at 37°C. Colonies were counted after 48h of incubation. Colonies formed on succinate plates were too small at that time, so the plates were incubated for a further 12 hrs. Size of the colonies (48h) was in the following order Glycerol>Pyruvate>Acetate>Succinate.

Replica	Glycerol	Pyruvate	Acetate	Succinate
R1	133 / 140	151 / 170	64 / 85	120 / 128
R2	120 / 126	163 / 186	74 / 83	58 / 79
R3	84 / 96	174 / 186	64 / 67	95 / 104
Mean±SD	123±17	172±14	73±9	97±26