

**Table 2.** Comparison of channel counts per cell from quantitative Western blots and fluorescent microscopy.

Condition			Western blot		Fluorescence Microscopy	
Strain	Media	Growth Phase	OD <sub>600</sub>	Mean number	OD <sub>600</sub>	Mean number
MG1655	LB-Miller	Exponential	0.3	480±103 <sup>a</sup>	-	-
MG1655	M9+glucose	Exponential	0.3	364±102 <sup>a</sup>	-	-
MG1655	M9+glycerol	Exponential	0.3	286±56 <sup>a</sup>	-	-
MLG910	LB-Miller	Exponential	0.3	531±313 <sup>b</sup>	0.33	340±68
MLG910	M9+glucose	Exponential	0.3	475±183 <sup>b</sup>	0.3	466±64
MLG910	M9+glycerol	Exponential	0.31	421±166 <sup>b</sup>	0.31	709±57
MG1655	LB-Miller	Stationary	1.78	544±92 <sup>a</sup>	-	-
MG1655	M9+glucose	Stationary	1.36	951±157 <sup>a</sup>	-	-
MG1655	M9+glycerol	Stationary	1.24	596±174 <sup>a</sup>	-	-
MLG910	LB-Miller	Stationary	1.72	316±124 <sup>b</sup>	1.74	472±95
MLG910	M9+glucose	Stationary	1.34	732±231 <sup>b</sup>	1.23	746±150
MLG910	M9+glycerol	Stationary	1.17	482±131 <sup>b</sup>	1.27	729±147

<sup>a</sup>Western blots performed with MscL antibody.

<sup>b</sup>Western blots performed with GFP antibody.

MG1655 and MLG910 were cultured in LB-Miller media (LB), M9 minimal media supplemented with glucose (U), and M9 minimal media supplemented with glycerol (Y) to the indicated optical density (OD<sub>600</sub>).

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