Table 1. Motility of S. typhimurium at constant attractant levels

$\begin{array}{c} \textbf{Serine} \\ \textbf{concentration} \\ \textbf{(mM)} \end{array}$	Velocity of bacteria in sample (µm sec ⁻¹)	Overall average velocity $(\mu m sec^{-1})$
0	27.4 ± 4.7	
	29.9 ± 6.0	28.8
	29.0 ± 4.6	
0.01	27.6 ± 4.7	
	28.7 ± 3.5	27.2
	25.2 ± 6.0	
1.0	30.2 ± 4.0	
	29.0 ± 2.9	28.8
	27.1 ± 6.0	

Procedure: each sample represents 15 bacterial trajectories taken from a single photograph. The trajectories each contained 10 successive images of a bacterium taken at ¹/_s-sec intervals. Three samples were examined for each set of conditions.