









































| Attractant | Serine | | Aspartate | |
|---|-----------------|-----------------|-----------------|-----------------|
| | Control | Gradient | Control | Gradient |
| Number of bacteria tracked | 11 | 34 | 23 | 24 |
| Total tracking time (min) | 7.1 | 34.8 | 11.1 | 11.0 |
| Mean run length (s) | 0.83 ± 0.88 | 1.67 ± 2.56 | 0.83 ± 0.90 | 0.96 ± 1.96 |
| Mean concentration of attractant (μM) | 0 | 9.5 ± 2.7 | 10 | 8.4 ± 2.0 |
| Mean distance from mouth of capillary (μM) | — | 377 ± 112 | — | 648 ± 88 |
| Mean value of $(P/C)/(C)$ (min^{-1}) | — | 2.5 ± 0.4 | — | 2.4 ± 0.4 |


