

Supplementary information

High-resolution imaging and analysis of the intestinal bacterial load of *Caenorhabditis elegans* during early adulthood

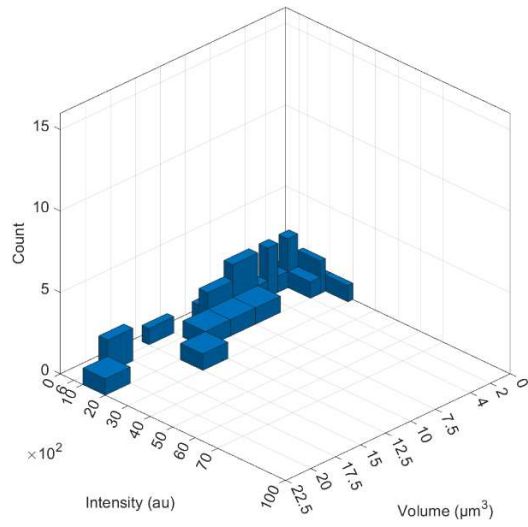
Farzad Rezaeianaran* and Martin A. M. Gijs

Laboratory of Microsystems, Ecole Polytechnique Fédérale de Lausanne, CH-1015
Lausanne, Switzerland.

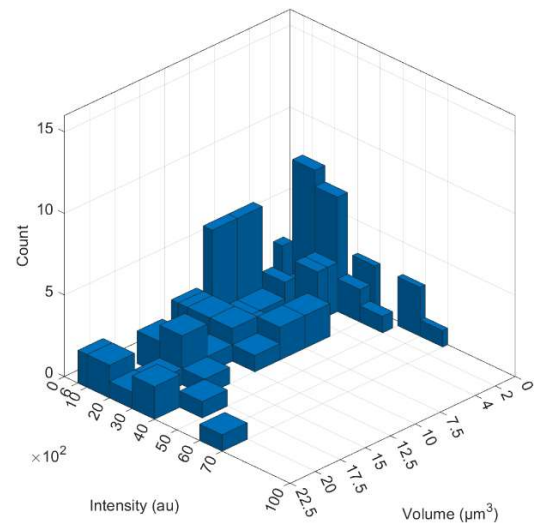
*Author to whom correspondence should be addressed

E-mail: rezaeianaran.farzad@epfl.ch

a)



b)



c)

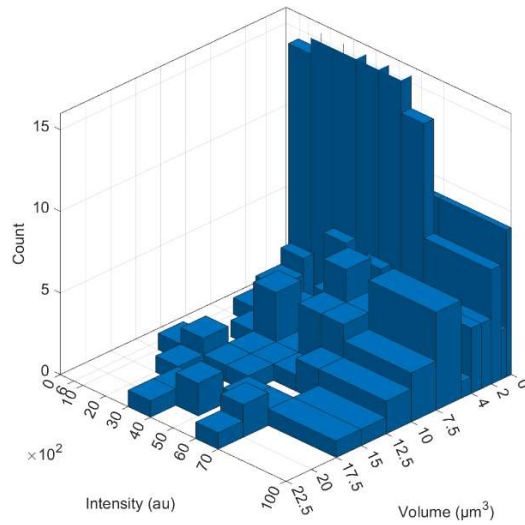


Figure S1- Bivariate histograms of 3 selected worms that have fed on RFP-labelled *E. coli* OP50 for 4 days. The total number of bacterial spots is a) 31, b) 100 and c) 422. The total bacterial load is a) $2.2042\text{E}+05 \mu\text{m}^3 \cdot \text{au}$ b) $1.8478\text{E}+06 \mu\text{m}^3 \cdot \text{au}$ and c) $6.7720\text{E}+06 \mu\text{m}^3 \cdot \text{au}$.