|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **15N enriched *Vibrio* sp.** | **15N enriched** **hotspots**  | **ROIs surrounding 15N enriched hotspots** | **C1****(control)** | **C2****(control)** |
| 8,9317 | 0,880 | 0,378 | 0,375 | 0,379 |
| 3,515 | 0,789 | 0,374 | 0,379 | 0,379 |
| 2,834 | 1,318 | 0,390 | 0,374 | 0,380 |
| 5,078 | 0,746 | 0,382 | 0,374 | 0,380 |
| 3,909 | 1,173 | 0,385 | 0,373 | 0,376 |
| 5,961 | 1,278 | 0,380 | 0,374 | 0,376 |
| 6,028 | 1,198 | 0,378 | 0,375 | 0,387 |
| 2,504 | 1,263 | 0,372 | 0,377 | 0,379 |
| 3,008 | 1,174 | 0,374 | 0,381 | 0,377 |
| 3,807 | 1,139 | 0,373 | 0,375 | 0,381 |
| 5,534 | 1,640 | 0,380 | 0,375 | 0,382 |
| 3,635 | 1,559 | 0,372 | 0,370 | 0,379 |
| 3,702 | 1,736 | 0,377 | 0,370 | 0,378 |
| 4,573 | 1,408 | 0,372 | 0,387 | 0,377 |
| 5,210 | 0,947 | 0,376 | 0,383 | 0,374 |
| 4,930 | 1,319 | 0,355 | 0,378 | 0,385 |
| 7,304 | 1,094 | 0,376 | 0,371 | 0,385 |
| 7,473 | 1,983 | 0,370 | 0,378 | 0,377 |
| 4,523 | 2,293 | 0,386 | 0,375 | 0,381 |
| 6,370 | 2,245 | 0,377 | 0,377 | 0,387 |
| 5,387 | 1,922 | 0,379 | 0,387 | 0,380 |
| 5,481 | 1,109 | 0,374 | 0,384 | 0,385 |
| 5,103 | 2,114 | 0,374 | 0,371 | 0,373 |
| 5,713 | 1,198 | 0,375 | 0,375 | 0,388 |
| 6,263 | 1,596 | 0,370 | 0,369 | 0,378 |
| 4,885 | 2,319 | 0,382 | 0,377 | 0,384 |
| 4,908 | 1,478 | 0,390 | 0,383 | 0,388 |
| 5,934 | 0,795 | 0,387 | 0,378 | 0,382 |
| 4,885 | 1,264 | 0,391 | 0,380 | 0,388 |

 **Supplementary Table 2.** Nitrogen isotope enrichment (atom %) from NanoSIMS images. Columns are data for: 29 15N enriched bacteria at the start of the experiment (see supplementary figure 1) (NB: many more bacteria were analyzed; we only show data from 29 randomly picked bacteria); 15N enriched ROIs (regions-of-interest) in larvae (*n*=29) (PT, positive treatment larvae); randomly selected non-enriched ROIs in coral tissue areas from the same positive samples; and randomly selected regions from control samples (C1 and C2) (NB: all regions were located within the aboral epidermis of larvae).