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| **Table S6.** Fractional contribution of heterotrophy (%) to coral nutrition calculated using a simple two component linear mixing model and δ15N amino acid trophic position (TPGlx-Phe). End-member TPGlx-Phe used to calculate % heterotrophy are (i) *Montipora capitata* coral hosts (ii) symbionts isolated from *M. capitata,* (iii) a pooled plankton sample from Kāne‘ohe Bay, and (iv) modeled values for marine consumers feeding on zooplankton prey. All uncertainties represent standard deviation of propagated errors. | | | | | | | | |
| ***Treatment*** | ***TPGlx-Phe*** | | | |  | | ***% Primary consumers*** *b* ***vs.  Translocation*** *a* | ***% Zooplanktivory*** *c*  ***vs.   Translocation*** |
|  | *Coral*  *host* | *Symbiont algae* | *Primary consumers* | *Zooplankton*  *consumers* | |  | |
| Light-Not Fed | 1.35 ± 0.17 | 0.90 ± 0.17 | 2.00 ± 0.22 | 3.00 ± 0.20 | | 41 ± 15% | | 21 ± 7% |
| Light-Fed | 1.13 ± 0.17 | 1.12 ± 0.16 | 2.00 ± 0.22 | 3.00 ± 0.20 | | 1 ± 19% | | 1 ± 9% |
| Dark-Fed | 1.16 ± 0.16 | 1.11 ± 0.18 | 2.00 ± 0.22 | 3.00 ± 0.20 | | 6 ± 19% | | 3 ± 9% |
| *a Translocation* TPGlx-Phe of symbionts = autotrophy, a diet consisting symbiont products  *b**Primary production* TPGlx-Phe based on digested symbiont cells, free-living primary producers, and/or allochthonous particulates preyed upon by zooplankton  *c* *Zooplanktivory* TPGlx-Phe of zooplankton consumers, with trophic enrichment (+1 TPGlx-Phe) of predators *vs.* prey | | | | | | | | |