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| **Table S3­.** Carbon and nitrogen isotope values (δ13C, δ15N) of amino acids measured in the coral *Montipora capitata*, its endosymbiont Symbiodiniaceae, and a size-fractioned pooled plankton sample\*. | | | | | | |
| *Amino acid δ13C (‰)* | | *Coral* | *Symbiodiniaceae* | | *Pooled plankton* | |
| Alanine (Ala) | -15.35 ± 0.29 | | -16.98 ± 0.66 | -20.83 | |
| Aspartic acid (Asp) | -10.35 ± 0.39 | | -9.55 ± 0.69 | -15.38 | |
| Glutamic acid (Glu) | -8.11 ± 0.54 | | -10.38 ± 0.47 | -16.12 | |
| Glycine (Gly) | -13.44 ± 0.66 | | -17.25 ± 1.26 | -19.48 | |
| Isoleucine (Ile) | -14.21 ± 0.59 | | -15.09 ± 0.93 | -21.81 | |
| Leucine (Leu) | -24.69 ± 0.43 | | -24.94 ± 0.45 | -27.84 | |
| Lysine (Lys) | -11.59 ± 0.33 | | -12.08 ± 0.56 | -19.34 | |
| Phenylalanine (Phe) | -19.94 ± 0.50 | | -20.34 ± 0.42 | -24.88 | |
| Proline (Pro) | -10.32 ± 0.26 | | -12.16 ± 0.73 | -17.28 | |
| Serine (Ser) | -9.13 ± 0.70 | | -8.72 ± 0.81 | -11.03 | |
| Threonine (Thr) | -10.53 ± 1.01 | | -9.67 ± 0.70 | -17.90 | |
| Tyrosine (Tyr) | -21.08 ± 0.61 | | -20.70 ± 0.53 | -25.22 | |
| Valine (Val) | -24.26 ± 0.55 | | -25.27 ± 0.69 | -27.20 | |
|  |  | |  |  | |
| *Amino acid δ15N (‰)* |  | |  |  | |
| Alanine (Ala) | 7.02 ± 0.47 | | 5.37 ± 0.69 | 12.53 | |
| Aspartic acid (Asp) | 6.44 ± 0.36 | | 5.38 ± 0.25 | 8.94 | |
| Glutamic acid (Glu) | 6.38 ± 0.23 | | 5.77 ± 0.33 | 11.55 | |
| Glycine (Gly) | 2.84 ± 0.58 | | 4.03 ± 0.63 | 5.60 | |
| Isoleucine (Ile) | 6.26 ± 0.79 | | 5.93 ± 0.70 | 7.25 | |
| Leucine (Leu) | 4.65 ± 0.41 | | 2.82 ± 0.30 | 6.72 | |
| Lysine (Lys) | 3.08 ± 0.28 | | 2.89 ± 0.53 | 3.84 | |
| Phenylalanine (Phe) | 1.35 ± 0.38 | | 2.03 ± 0.76 | 0.57 | |
| Proline (Pro) | 6.81 ± 0.43 | | 4.05 ± 0.41 | 11.99 | |
| Serine (Ser) | 3.73 ± 0.58 | | 3.72 ± 0.48 | 6.05 | |
| Threonine (Thr) | -1.06 ± 0.77 | | 1.04 ± 0.93 | -1.98 | |
| Tyrosine (Tyr) | 2.11 ± 0.35 | | 4.43± 0.60 | 4.62 | |
| Valine (Val) | 6.24 ± 0.42 | | 5.97 ± 0.32 | 9.79 | |
| \*values are mean ± SE (*n* = 6), except for the pooled plankton sample size-fractioned at 63-250 μm (*n*=1). Coral and Symbiodiniaceae values are pooled across three nutrition treatments, which had limited effects on carbon and nitrogen isotope values. | | | | | | |