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| **Table xx.** 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 ± 0.72 | | -16.98 ± 1.61 | -20.83 | |
| Aspartic acid (Asp) | -10.35 ± 0.95 | | -9.55 ± 1.70 | -15.38 | |
| Glutamaic acid (Glu) | -8.11 ± 1.31 | | -10.38 ± 1.14 | -16.12 | |
| Glycine (Gly) | -13.44 ± 1.61 | | -17.25 ± 3.08 | -19.48 | |
| Isoleucine (Ile) | -14.21 ± 1.46 | | -15.09 ± 2.28 | -21.81 | |
| Leucine (Leu) | -24.69 ± 1.06 | | -24.94 ± 1.10 | -27.84 | |
| Lysine (Lys) | -11.59 ± 0.82 | | -12.08 ± 1.36 | -19.34 | |
| Phenylalanine (Phe) | -19.94 ± 1.22 | | -20.34 ± 1.04 | -24.88 | |
| Proline (Pro) | -10.32 ± 0.63 | | -12.16 ± 1.79 | -17.28 | |
| Serine (Ser) | -9.13 ± 1.71 | | -8.72 ± 2.01 | -11.03 | |
| Threonine (Thr) | -10.53 ± 2.46 | | -9.67 ± 1.71 | -17.90 | |
| Tyrosine (Tyr) | -21.08 ± 1.49 | | -20.70 ± 1.29 | -25.22 | |
| Valine (Val) | -24.26 ± 1.36 | | -25.27 ± 1.70 | -27.20 | |
|  |  | |  |  | |
| *Amino acid δ15N (‰)* |  | |  |  | |
| Alanine (Ala) | 7.02 ± 1.16 | | 5.37 ± 1.70 | 12.53 | |
| Aspartic acid (Asp) | 6.44 ± 0.87 | | 5.38 ± 0.60 | 8.94 | |
| Glutamaic acid (Glu) | 6.38 ± 0.55 | | 5.77 ± 0.80 | 11.55 | |
| Glycine (Gly) | 2.84 ± 1.42 | | 4.03 ± 1.55 | 5.60 | |
| Isoleucine (Ile) | 6.26 ± 1.94 | | 5.93 ± 1.72 | 7.25 | |
| Leucine (Leu) | 4.65 ± 1.00 | | 2.82 ± 0.75 | 6.72 | |
| Lysine (Lys) | 3.08 ± 0.69 | | 2.89 ± 1.29 | 3.84 | |
| Phenylalanine (Phe) | 1.35 ± 0.93 | | 2.03 ± 1.86 | 0.57 | |
| Proline (Pro) | 6.81 ± 1.04 | | 4.05 ± 1.00 | 11.99 | |
| Serine (Ser) | 3.73 ± 1.41 | | 3.72 ± 1.17 | 6.05 | |
| Tyrosine (Tyr) | -1.06 ± 1.89 | | 1.04 ± 2.28 | -1.98 | |
| Valine (Val) | 6.24 ± 1.02 | | 5.97 ± 0.78 | 9.79 | |
| \*values are mean ± SD (*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. | | | | | | |