Supplemental Table 1. BCAA composition of hexameric storage proteins in hemolymph of lubber grasshoppers [34].

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| --- | --- | --- | --- |
| Hexamerin Protein | Hex-90 | Hex-270 | Hex-500 |
| Sub-family | Arylphorin | Methionine-rich | None |
| % isoleucine | 4.5 | 4.3 | 4.8 |
| % leucine | 9.2 | 7.3 | 9.0 |
| % valine | 7.4 | 5.8 | 7.1 |
| % all BCAAs | 21.1 | 17.4 | 20.9 |
| Total amino acids | 673.0 | 672.0 | 686.0 |