Table S1 Amino acid distribution of lesser mealworm (LM) and protein fractions.

AA	LM	0.1M NaOH	Albumin	Globulin	Prolamin	Glutelin	PBL
Ala	68 ± 2 ^{ab}	75 ± 6 ^{bc}	85 ± 2 ^{c}	55 ± 5 ^{a}	57 ± 1 ^{a}	75 ± 2 ^{bc}	76 ± 3 ^{bc}
Asp/Asn	93 ± 0 ^{b}	101 ± 13 ^{bc}	90 ± 3 ^{b}	118 ± 3 ^{cd}	62 ± 2 ^{a}	124 ± 3 ^{d}	107 ± 3 ^{bcd}
Arg	64 ± 3 ^{a}	53 ± 11 ^{a}	46 ± 1 ^{a}	48 ± 5 ^{a}	95 ± 3 ^{b}	47 ± 3 ^{a}	47 ± 0 ^{a}
Gly	42 ± 0 ^{a}	46 ± 1 ^{abc}	51 ± 3 ^{c}	48 ± 0 ^{ab}	45 ± 3 ^{ab}	45 ± 2 ^{ab}	45 ± 0 ^{ab}
His	42 ± 0 ^{c}	31 ± 4 ^{ab}	38 ± 5 ^{bc}	52 ± 1 ^{d}	74 ± 2 ^{e}	26 ± 2 ^{a}	24 ± 1 ^{a}
Ile	44 ± 0 ^{b}	41 ± 0 ^{b}	32 ± 1 ^{ab}	32 ± 6 ^{ab}	20 ± 2 ^{a}	44 ± 1 ^{b}	44 ± 2 ^{b}
Leu	71 ± 1 ^{c}	77 ± 1 ^{cd}	57 ± 2 ^{a}	63 ± 0 ^{b}	52 ± 2 ^{ab}	83 ± 1 ^{d}	83 ± 1 ^{d}
Met	22 ± 1 ^{c}	18 ± 2 ^{bc}	12 ± 5 ^{ab}	11 ± 4 ^{ab}	20 ± 0 ^{c}	4 ± 0 ^{a}	19 ± 1 ^{bc}
Phe	52 ± 1 ^{b}	49 ± 7 ^{ab}	36 ± 4 ^{a}	50 ± 2 ^{ab}	54 ± 3 ^{b}	48 ± 0 ^{ab}	50 ± 2 ^{b}
Pro	66 ± 2 ^{b}	70 ± 1 ^{b}	118 ± 0 ^{d}	63 ± 3 ^{b}	102 ± 3 ^{c}	46 ± 0 ^{a}	51 ± 1 ^{a}
Ser	46 ± 1 ^{a}	52 ± 3 ^{a}	48 ± 1 ^{a}	50 ± 0 ^{a}	54 ± 5 ^{a}	51 ± 1 ^{a}	52 ± 2 ^{a}
Thr	43 ± 1 ^{abc}	41 ± 3 ^{ab}	45 ± 4 ^{abc}	49 ± 5 ^{bc}	38 ± 2 ^{a}	50 ± 1 ^{bc}	53 ± 1 ^{c}
Val	60 ± 3 ^{a}	57 ± 1 ^{a}	54 ± 3 ^{a}	54 ± 4 ^{a}	56 ± 4 ^{a}	43 ± 8 ^{a}	62 ± 2 ^{a}
Lys	70 ± 2 ^{a}	69 ± 9 ^{a}	85 ± 18 ^{a}	67 ± 7 ^{a}	108 ± 1 ^{b}	66 ± 0 ^{a}	71 ± 0 ^{a}
Tyr	81 ± 5 ^{b}	79 ± 12 ^{b}	45 ± 1 ^{a}	80 ± 4 ^{b}	71 ± 10 ^{ab}	84 ± 1 ^{b}	83 ± 0 ^{b}
Glu/Gln	134 ± 0 ^{b}	141 ± 14 ^{bc}	158 ± 3 ^{bc}	160 ± 2 ^{bc}	92 ± 10 ^{a}	163 ± 4 ^{c}	135 ± 3 ^{bc}

Results are expressed as mg AA/g of total protein and are the mean of three independent analyses. Different letters in the same raw indicate significant differences ($p<0.05$). PBL: Protease from B*acillus licheniformis*.