

Black soldier fly larval meal in feed enhances growth performance, carcass yield and meat quality of finishing pigs

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Table S1. Proportion of muscle and bone in primal cuts of half carcasses in pigs fed diets with different levels of black soldier fly larval meal (BSFLM).

Parameter (%)	Dietary treatments					<i>P</i> -value, GLM
	D0	D25	D50	D75	D100	
Ham						
Muscle	75.1±0.51	73.4±0.52	74.6±0.90	73.3±1.07	71.9±1.05	0.09
Bone	15.0±0.50	15.2±0.52	14.3±0.57	15.5±0.83	13.5±0.52	0.13
Shoulder						
Muscle	72.7±1.29	68.8±1.04	71.7±0.92	71.1±0.83	71.9±0.79	0.09
Bone	16.5±0.67	18.0±0.52	17.1±0.69	17.3±0.48	15.8±0.51	0.11
Loin						
Muscle	58.6±1.47	57.9±1.46	58.5±1.16	57.7±0.67	56.9±1.57	0.91
Bone	25.3±1.23 ^{ab}	26.4±0.63 ^a	25.9±0.92 ^a	27.6±1.05 ^a	23.0±0.84 ^b	0.022
Belly						
Muscle	62.9±2.96	64.6±1.08	63.0±1.13	60.5±1.84	60.4±2.26	0.52
Spareribs	20.5±2.97	16.98±0.79	16.75±0.95	17.5±0.78	15.1±0.72	0.16

Means (± standard error) within a row followed by different superscripts are significantly different, General Linear Model (GLM), *P* < 0.05, LSD. D0 = 0% (control), D25 = 25%, D50 = 50%, D75 = 75%, D100 = 100% levels of replacement of fishmeal with BSFLM. For each diet, N = 8.

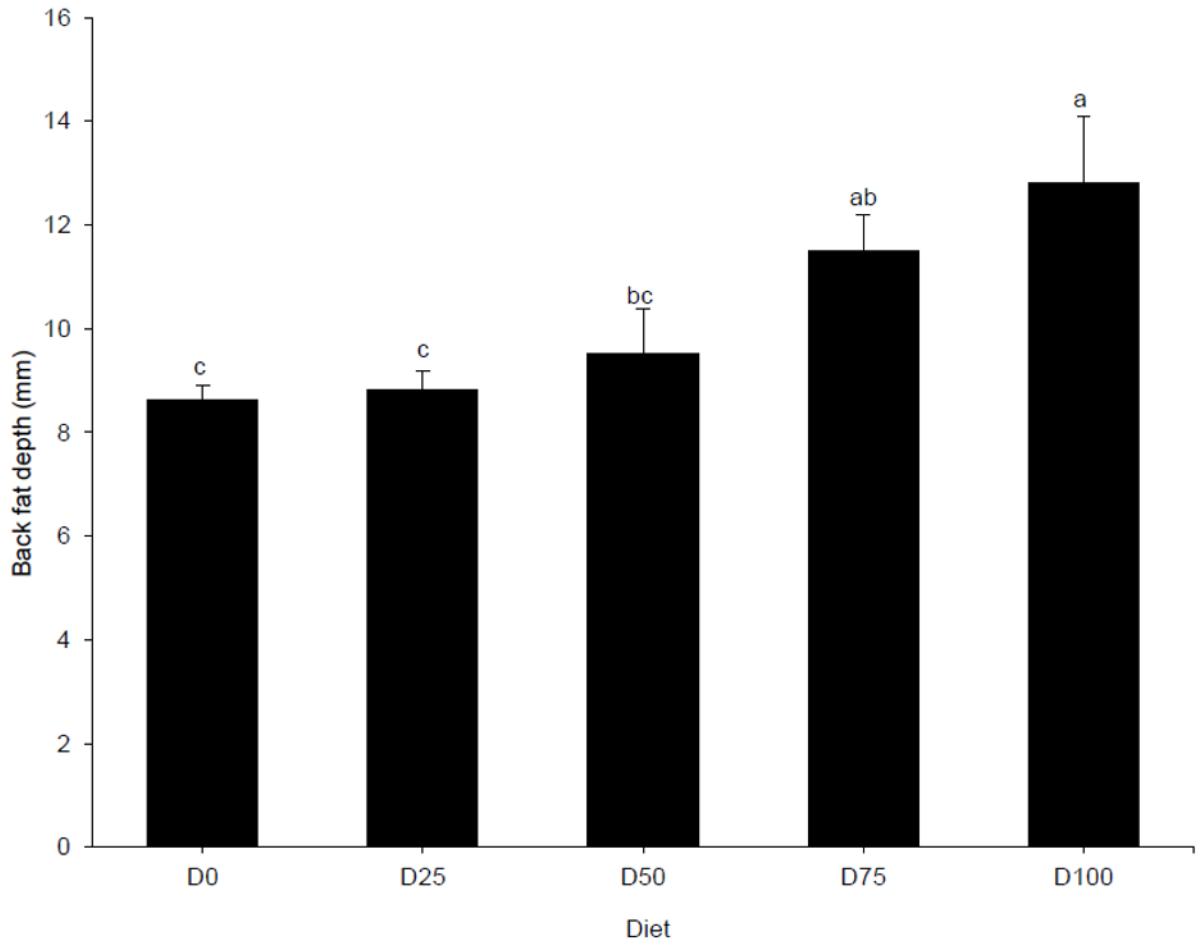


Figure S1. Mean (\pm SE) 10th rib back fat depth in carcasses of finisher pigs fed black soldier fly larval meal (BSFLM)-based diets and a control diet. D0 = 0% (control), D25 = 25%, D50 = 50%, D75 = 75%, D100 = 100% levels of replacement of fishmeal with BSFLM. Means followed by different letters are significantly different (GLM, $P < 0.05$; LSD). For each diet, N=8.

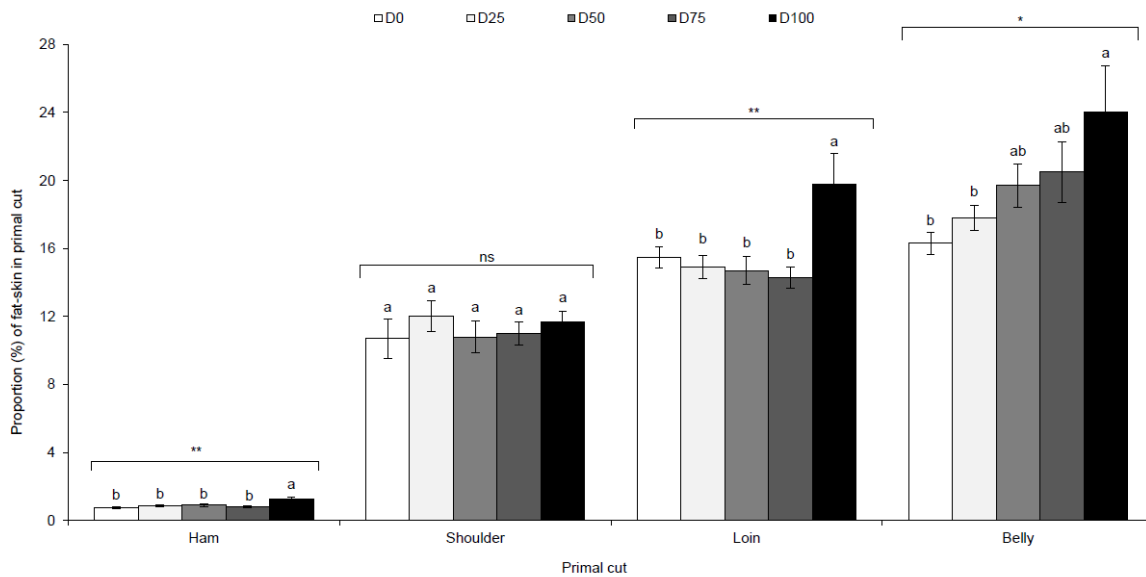


Figure S2. Composition of fat and skin in primal cuts of half carcasses of finisher pigs fed black soldier fly larval meal (BSFLM)-based diets and a control diet. Means (\pm SE) within each primal cut followed by different letters are significantly different (GLM, $P < 0.05$; LSD). D0 = 0% (control), D25 = 25%, D50 = 50%, D75 = 75%, D100 = 100% levels of replacement of fishmeal with BSFLM. Significance level: ** $P < 0.01$, * $P < 0.05$, ns = not significant.