

**Table S1.** Ingredient composition and nutritional levels of the diets (air-dry basis, %)

<b>Ingredients</b>	<b>Content</b>	<b>Nutritional levels</b>	<b>Content</b>
Corn	33.66	Digestible energy, MJ/kg	14.23
Soybean meal	24.00	Crude protein <sup>2</sup>	19.15
Extruded corn	20.00	Lysine	1.30
Flour	10.00	Methionine + cystine	0.58
Fermented soybean meal	4.00	Threonine	0.71
Soybean oil	2.00	Tryptophan	0.23
Dicalcium phosphate	0.80	Calcium	0.53
Limestone power	0.72	Phosphorus	0.47
Mildew preventive	0.05		
Sodium chloride	0.40		
L-Lysine hydrochloride	0.37		
Premix <sup>1</sup>	4.00		
Total	100.00		

<sup>1</sup> The premix provided the following nutrients per kilogram of diet: Fe 101.00 mg; Cu 15.00 mg; Mn 42.00 mg; Zn 102.00 mg; I 0.60 mg; Se 0.30 mg; VA 10500.00 IU; VD<sub>3</sub> 2100.00 IU; VK<sub>3</sub> 3.50 mg; VB<sub>1</sub> 2.24 mg; VB<sub>2</sub> 9.80 mg; VB<sub>6</sub> 2.80 mg; VB<sub>12</sub> 0.05 mg; Folic acid 1.04 mg; Niacin 35.00 mg.

<sup>2</sup> Crude protein was analyzed. Other values were calculated.

**Table S2: Primers used for qRT-PCR**

Gene	Primer	Sequence (5'- 3')	Size (bp)
GHRH (XM_005672915.3)	sense	CTGCTCTGGGTGTTCTTCCT	262
	antisense	CCATCTGCTTTTGGTCTGC	
GH (NM_213869.1)	sense	GTTTGGCACCTCAGACCG	279
	antisense	CCCAGCAACTAGAAGGCACAGC	
GHRHR (XM_021078507.1)	sense	CCCCTGCCCCGGCTTTCTTCT	558
	antisense	CCCACCCACGTGCCAGTGAA	
GHR (XM_021076575.1)	sense	TGAGCCCATTTCATGTGAAG	322
	antisense	TCTGAGCCTTCAGTCTTTTCATC	
IGF-1 (XM_005664199.3)	sense	GGACCCGAGACCCTCTGCGGG	210
	antisense	GGCCGACTTGGCGGGCTTG	
IGF-1R (XM_021082920.1)	sense	TACGTCCAGGCCAAAACGA	287
	antisense	GCGACGCCTTCATAAACCA	
GAPDH (NM_001206359.1)	sense	GGTCGGAGTGAACGGATTT	246
	antisense	CATTTGATGTTGGCGGGAT	
$\beta$ -actin (XM_003124280.5)	sense	CTGGAACGGTGAAGGTGACA	165
	antisense	AAGGGACTTCCTGTAACAATGCA	

*GHRH* = growth-hormone-releasing hormone; *GH* = growth hormone; *GHRHR* = growth-hormone-releasing hormone receptor; *GHR* = growth hormone receptor; *IGF-1* = insulin-like growth factor 1; *IGF-1R* = insulin-like growth factor 1 receptor; *GAPDH* = glyceraldehyde-3-phosphate dehydrogenase.

**Table S3. The effect of Iturin A and STb-R on the porcine hindquarter muscles (g).**

Item	Control	Iturin A	STb-R	Iturin A+STb-R	<i>P</i> -value
<i>Middle gluteus medius</i> muscle	24.65±1.69	27.57±2.12	25.70±2.00	26.25±1.04	0.505
<i>Medial vastus</i> muscle	45.95±2.59	48.58±2.30	44.68±3.63	47.97±1.34	0.100
<i>Biceps femoris</i> muscle	27.2±2.21	29.52±1.46	23.63±2.91	28.57±1.65	0.488
<i>Tensor fascia lata</i> muscle	23.9±0.72	25.44±1.38	25.66±1.55	27.07±2.35	0.182
<i>Cranial tibial</i> muscle	71.05±4.26	71.85±2.00	67.38±2.73	75.33±2.33	0.305
<i>Peroneus tertius</i> muscle	18.95±1.29	19.25±0.80	19.1±1.01	20.96±1.17	0.193
<i>Gracilis</i> muscle	14.55±0.87	16.07±0.51	14.35±1.35	15.73±0.54	0.252
<i>Adductor</i> muscle	14.86±0.77	15.75±0.35	14.4±0.63	14.93±0.68	0.376
<i>Long peroneal</i> muscle	11.85±1.17	13.4±1.24	10.4±1.10	13.1±1.04	0.209

Data were presented as mean ± SEM (n=7).

**Table S4. The effect of Iturin A and STb-R on the porcine forequarter muscles (g).**

Item	Control	Iturin A	STb-R	Iturin A +STb-R	<i>P</i> -value
<i>Infraspinatus</i> muscle	85.58±4.30	88.05±3.31	77.6±7.53	87.1±4.42	0.302
<i>Cranial portion of infraspinatus</i> muscle	145.64±12.83	134.94±3.35	157.07±13.06	164.79±12.62	0.127
<i>Supraspinatus</i> muscle	24.3±1.45	24.88±2.35	24.73±2.48	22.03±1.21	0.389
<i>Subclavius</i> muscle	4.08±0.31	4.04±0.15	3.82±0.57	4.21±0.26	0.709
<i>Long head of triceps of brachii</i> muscle	8.96±0.92	9.6±0.34	9.31±0.27	9.99±0.48	0.278
<i>Lateral head of triceps of brachii</i> muscle	30.17±0.94	28.68±1.33	28.75±1.33	28.75±1.77	0.251
<i>Extensor carp iradialis</i> muscle	4.36±0.57	4.27±0.15	4.16±0.39	4.95±0.14	0.264
<i>Latissimus dorsi</i> muscle	94.4±7.09	98.7±6.41	96.78±3.47	90.53±4.50	0.614

Data were presented as mean ± SEM (n=7).