

Supplementary Table S1 The dietary formulation in the recovery period of pigs after surgery in the present study

| Items | Proportion |
|---|------------|
| Corn | 81.29 |
| Soybean meal | 14.60 |
| Dicalcium phosphate | 0.90 |
| Limestone | 0.90 |
| NaCl | 0.30 |
| Choline | 0.06 |
| Premix [†] | 0.50 |
| L-Histidine | 0.03 |
| L-Isoleucine | 0.17 |
| L-Lysine-HCl | 0.63 |
| DL-Methionine | 0.04 |
| L-Phenylalanine | 0.08 |
| L-Threonine | 0.25 |
| L-Tryptophan | 0.08 |
| L-Valine | 0.17 |
| Total | 100 |
| Analyzed nutritive levels, % as fed basis | |
| Gross energy, MJ/kg | 16.19 |
| Dry matter | 85.12 |
| Crude protein | 15.62 |
| Ether extract | 2.41 |
| Neutral detergent fibre | 12.22 |
| Acid detergent fibre | 2.11 |
| Ash | 4.31 |
| Indispensable amino acids | |
| Arginine | 0.75 |
| Histidine | 0.46 |
| Leucine | 1.51 |
| Isoleucine | 0.62 |
| Lysine | 1.18 |
| Methionine | 0.32 |
| Phenylalanine | 0.88 |
| Threonine | 0.79 |
| Tryptophan | 0.19 |
| Valine | 0.79 |

[†]Vitamin-mineral premix supplied the following per kg of diet: vitamin A, 5512 IU; vitamin D₃, 2200 IU; vitamin E, 30 mg; vitamin K₃, 2.2 mg; vitamin B₁₂, 27.6 µg; riboflavin, 4 mg; pantothenic acid, 14 mg; niacin, 30 mg; choline chloride, 400 mg; folic acid, 0.7 mg; thiamine, 1.5 mg; pyridoxine, 3 mg; biotin, 44 µg; Mn (MnO), 40 mg; Fe (FeSO₄·H₂O), 75 mg; Zn (ZnO), 100 mg; Cu (CuSO₄·5H₂O), 100 mg; I (KI), 0.3 mg; Se (Na₂SeO₃), 0.3 mg.