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**Effect of starter diet supplementation on rumen epithelial morphology and expression of genes involved in cell proliferation and metabolism in pre-weaned lambs**

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**Supplementary Table S1.** *Ingredient and chemical composition of the starter diet (DM1 basis)*

|  |  |  |  |
| --- | --- | --- | --- |
| Ingredient | % DM | Component |  |
| Maize starch | 51.60 | DM, % | 88.78 |
| Soybean meal | 28.00 | Crude protein, % DM | 25.15 |
| Corn gluten meal | 15.00 | Crude fat, % DM | 3.80 |
| Soybean oil | 1.20 | Crude ash, % DM | 6.33 |
| Limestone meal | 0.80 | Crude fiber, % DM | 6.34 |
| CaHPO4 | 1.80 | Starch, % DM | 45.92 |
| Salt | 0.60 | Metabolic energy3, MJ/kg DM | 11.43 |
| Premix2 | 1.00 |  |  |

1DM = dry matter.

2Contained 16% calcium carbonate, 102 g/kg of Zn, 47 g/kg of Mn, 26 g/kg of Cu, 1 140 mg/kg of I, 500 mg/kg of Se, 340 mg/kg of Co, 17 167 380 IU/kg of vitamin A, 858 370 IU/kg of vitamin D, and 23 605 IU/kg of vitamin E.

3Calculated value based on database of the nutrient requirement for lamb (NY/Y816-2004; Ministry of Agriculture of China, 2004).