**Effects of probiotic supplementation on performance traits, bone mineralization, cecal microbial composition, cytokines, and corticosterone in laying hens**

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***Animal* journal supplementary material**

**Table S1** *The targeted concentrations of the probiotic microorganisms and the actual concentrations in feed samples collected at the beginning and the end of the experiment*

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| --- | --- | --- | --- | --- | --- |
| Treatment1 | | Control | 0.5X | 1.0X | 2.0X |
| Targeted | (cfu/g feed) | 0 | 1.0 x 105 | 2.0 x 105 | 4.0 x 105 |
| Beginning | (cfu/g feed) | 0.02 x 105 | 1.11 x 105 | 2.04 x 105 | 4.05 x 105 |
| End | (cfu/g feed) | 0.04 x 105 | 0.95 x 105 | 1.87 x 105 | 3.80 x 105 |

1A regular laying hen diet was mixed with the probiotic at 0, 0.5, 1.0 or 2.0 g/kg feed (Control, 0.5X, 1.0X, and 2.0X).