

**Table S3** Effect of dietary supplementation active dry yeasts (ADY) and yeast cultures (YC) on blood immunoglobulin and blood hormone in finishing bulls (n = 15) <sup>2</sup>

| Items <sup>†</sup>   | Treatments <sup>‡</sup> |          |          | SEM   | P-value |
|----------------------|-------------------------|----------|----------|-------|---------|
|                      | CON                     | ADY      | YC       |       |         |
| IgA, g/L             | 0.83                    | 0.77     | 0.80     | 0.016 | 0.409   |
| IgM, g/L             | 2.63                    | 2.61     | 2.68     | 0.045 | 0.801   |
| IgG, g/L             | 10.73                   | 10.26    | 10.31    | 0.15  | 0.376   |
| Ghrelin, ng/ml       | 83.69                   | 101.07** | 114.01** | 3.27  | 0.001   |
| Insulin, $\mu$ IU/ml | 16.18                   | 16.91    | 20.87*   | 0.66  | 0.009   |
| Leptin, ng/ml        | 6.26                    | 6.14     | 6.21     | 0.21  | 0.97    |
| T3, ng/ml            | 0.98                    | 0.96     | 1.06     | 0.029 | 0.392   |
| T4, ng/ml            | 83.85                   | 83.36    | 86.49    | 0.73  | 0.199   |

<sup>†</sup>T3, triiodothyronine; T4, thyroxine

<sup>‡</sup>CON = control group; ADY = active dry yeast group; YC = yeast culture group.

Multiple comparison, \* $p < 0.05$ , \*\* $p < 0.01$ .

<sup>2</sup> Geng, C. Y., Ji, S., Jin, Y. H., Li, C. Y., Xia, G. J., Li, Y. M., & Zhang, M. (2018). Comparison of blood immunity, antioxidant capacity and hormone indexes in finishing bulls fed active dry yeast (*Saccharomyces cerevisiae*) and yeast culture. *International Journal of Agriculture and Biology*, 20(11), 2561-2568.