**Supplemental Table S5. The health and growth of pigs during phase 3.**

|  |  |  |
| --- | --- | --- |
| Items | Phase 3 | *P*-values |
| Ctrl | ZEN | ZEN/Bs-Z6 |
| Initial body weight(kg) | 63.99±1.32 | 62.33±1.82 | 65.00±3.08 | 0.66 |
| Final body weight(kg) | 102.00±5.06 | 96.94±4.87 | 101.67±7.47 | 0.74 |
| Average daily gain(g) | 895±138.61 | 824±126.13 | 873±119.54 | 0.89 |
| Average daily feed intake(g) | 2.05±0.17 | 1.87±0.25 | 2.39±0.13 | 0.28 |
| Feed-to-gain ratio  | 2.51±0.50 | 2.32±0.28 | 2.83±0.23 | 0.58 |

**Note:** Values are means, n = 4 (pen is the experimental unit).

*P* < 0.05 significant at the 0.05% level.