

Supplemental Table 5 Effects of lipids from engineered PD630 as a substitute for dietary fat on serum  
biochemical parameters of finishing pigs

| Item | Con            | PD630         | <i>p</i> -value |
|------|----------------|---------------|-----------------|
| ALP  | 146.2 ± 17.53  | 136.4 ± 8.02  | 0.288           |
| ALT  | 66.05 ± 10.36  | 64.14 ± 6.24  | 0.727           |
| AST  | 57.64 ± 5.86   | 54.35 ± 12.23 | 0.609           |
| Ca   | 2.54 ± 0.24    | 2.46 ± 0.17   | 0.582           |
| TC   | 2.49 ± 0.3     | 2.46 ± 0.27   | 0.891           |
| GLU  | 4.49 ± 1.25    | 4.52 ± 1.19   | 0.968           |
| HDL  | 1.09 ± 0.09    | 1.07 ± 0.14   | 0.817           |
| IP   | 2.78 ± 0.36    | 2.95 ± 0.28   | 0.439           |
| LDL  | 1.54 ± 0.22    | 1.52 ± 0.14   | 0.901           |
| TBA  | 143.67 ± 44.58 | 36.48 ± 27.45 | 0.005           |
| TG   | 0.37 ± 0.11    | 0.59 ± 0.15   | 0.035           |
| TP   | 67.18 ± 3.44   | 71.83 ± 1.45  | 0.041           |

ALP = alkaline phosphatase; ALT = alanine aminotransferase; AST = aspartate aminotransferase; Ca = calcium; TC = total cholesterol; GLU = glucose; HDL = high-density lipoprotein; IP = inorganic phosphorus; LDL = low-density lipoprotein; TBA = total bile acid; TG = triglyceride; TP = total protein. Data were presented as the mean ± sem (*n* = 6 pigs per group, randomly selected for slaughter).