Supplementary table 4: Liver gene expression in mice fed a LF-CAS or LF-WPI diet for 15 weeks.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | LF-CAS | SEM |  | LF-WPI | SEM | *P* value |
| GLUT2 | 1.00  | 0.12 |  | 1.03  | 0.09 | NS |
| IRS-1 | 1.00  | 0.12 |  | 0.93  | 0.06 | NS |
| CPT1a | 1.00  | 0.18 |  | 1.08  | 0.12 | NS |
| UCP-2 | 1.00  | 0.07 |  | 1.07  | 0.08 | NS |
| FASN | 1.00  | 0.29 |  | 0.96  | 0.12 | NS |
| ACC | 1.00  | 0.14 |  | 1.10  | 0.14 | NS |
| LPL | 1.00  | 0.09 |  | 0.96  | 0.07 | NS |
| CD36 | 1.00 | 0.20 |  | 0.92  | 0.07 | NS |

Data are means ± SEM (n = 7-8). Values that differ significantly if *P <* 0.05; NS, non-significant. LF-CAS, 10% kJ fat, 35%kJ sucrose with 20%kJ casein protein; LF-WPI, 10% kJ fat, 35%kJ sucrose with 20%kJ with whey protein isolate (20% kJ). Gene expressions are shown relative to the LF-CAS group which was set at 1.00. GLUT2, Glucose transporter 2; IRS-1, Insulin receptor substrate 1; CPT1a, Carnitine palmitoyltransferase 1a; UCP-2, Uncoupling protein 2; FASN, Fatty acid synthase; ACC, Acetyl-CoA carboxylase; LPL, Lipoprotein lipase; CD36, Cluster of differentiation 36