

LIST OF ABBREVIATIONS

| | | |
|---------------|---|---|
| CHO | = | Carbohydrate |
| HC | = | High carbohydrate |
| NP | = | Nutritional programming |
| HC | = | High carbohydrate |
| LP | = | low protein |
| LC | = | Low carbohydrate |
| HP | = | high protein |
| PBMC | = | plant-based medium carbohydrate |
| PBHC | = | plant-based high carbohydrate |
| BUN | = | Blood urea nitrogen |
| IW | = | Initial body weight |
| FW | = | Final body weight |
| WG | = | Weight gain |
| ADG | = | Average daily gain |
| SGR | = | Specific growth rate |
| FCR | = | Feed conversion ratio |
| HSI | = | Hepatosomatic index |
| <i>gck</i> | = | Glucokinase |
| <i>pfklr</i> | = | Phosphofructokinase |
| <i>pklr</i> | = | Pyruvate kinase |
| <i>g6pca1</i> | = | Hepatic glucose-6-phosphatase 1 |
| <i>g6pca2</i> | = | Hepatic glucose-6-phosphatase 2 |
| <i>pck1</i> | = | Phosphoenolpyruvate carboxykinase cytosolic |
| <i>fasn</i> | = | Fatty acid synthase |
| <i>g6pd</i> | = | Glucose-6-phosphate dehydrogenase |
| <i>gdh</i> | = | Glutamate dehydrogenase |
| <i>alat</i> | = | Alanine aminotransferase |
| <i>asat</i> | = | Aspartate amino transferase |

LIST OF ABBREVIATIONS (Continued)

| | | |
|-----------------|---|--|
| <i>glut4</i> | = | Glucose transporter |
| <i>hk1</i> | = | Hexokinase I |
| <i>hk2</i> | = | Hexokinase II |
| <i>pfkma</i> | = | Phosphofructokinase a |
| <i>pfkmb</i> | = | Phosphofructokinase b |
| <i>pkma</i> | = | Pyruvate kinase |
| <i>dnmt</i> | = | DNA methyltransferases |
| <i>tet</i> | = | TET methyl cytosine dioxygenases |
| H3K4me3 | = | histone 3 lysine 4 trimethylation |
| H3K9me3 | = | histone 3 lysine 9 trimethylation |
| H3K36me3 | = | histone 3 lysine 36 trimethylation |
| H3K9ac | = | histone 3 lysine 9 acetylation |
| <i>setd</i> | = | SET domain-containing |
| <i>kmt</i> | = | lysine methyltransferase |
| <i>kdm</i> | = | lysine demethylase |
| <i>riox1</i> | = | lysine-specific demethylase and histidyl hydroxylase |
| <i>suv39h1b</i> | = | histone lysine N-methyltransferase |
| <i>kat</i> | = | lysine acetyltransferase |
| <i>gtf3c4</i> | = | general transcription factor IIIC subunit 4 |
| <i>sirt</i> | = | sirtuin |
| μL | = | Microliter |
| g | = | Gram |
| °C | = | Degree Celsius |
| h | = | Hour |