Supplementary Table 3. Average (AVG), standard deviation (SD), and sample size (n) by population (FL=Florida, NY=New York) and generation for each phenotype analysis.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | FL | NY |
|  | Generation(s) | units | AVG | SD | n | AVG | SD | n |
| Body Mass  | N0 | gm | 18.53 | 3.29 | 49 | 21.33 | 4.72 | 21 |
| Body Mass  | N1  | gm | 17.15 | 3.07 | 56 | 22.70 | 4.90 | 77 |
| Body Mass  | N2 | gm | 18.80 | 4.09 | 84 | 20.98 | 4.94 | 63 |
| Body Length  | N0 | mm | 86.19 | 6.68 | 49 | 93.21 | 6.25 | 21 |
| Body Length  | N1  | mm | 83.73 | 10.31 | 56 | 93.74 | 9.96 | 77 |
| Body Length  | N2 | mm | 89.74 | 8.79 | 84 | 89.05 | 6.45 | 63 |
| Body Mass/Body Length | N0 | gm/mm | 0.21 | 0.03 | 49 | 0.23 | 0.015 | 21 |
| Body Mass/Body Length | N1  | gm/mm | 0.21 | 0.03 | 56 | 0.24 | 0.04 | 77 |
| Body Mass/Body Length | N2 | gm/mm | 0.21 | 0.04 | 84 | 0.23 | 0.04 | 63 |
| BMI  | N0 | kg/m2 | 2.49 | 0.33 | 49 | 2.48 | 0.66 | 21 |
| BMI  | N1  | kg/m2 | 2.49 | 0.53 | 56 | 2.59 | 0.45 | 77 |
| BMI  | N2 | kg/m2 | 2.35 | 0.49 | 84 | 2.63 | 0.45 | 63 |
| Adiponectin  | N2 | µg/mL | 24.46 | 10.86 | 20 | 30.28 | 11.47 | 20 |
| Cholesterol, Total  | N2 | mg/dL | 122.35 | 39.35 | 20 | 124.38 | 25.87 | 20 |
| Cholesterol, HDL | N2 | mg/dL | 37.28 | 12.45 | 20 | 44.85 | 21.73 | 20 |
| Free Fatty Acids  | N2 | mEq/dL | 1.06 | 0.08 | 20 | 1.05 | 0.15 | 20 |
| Glucose | N2 | mg/dL | 139.55 | 39.58 | 20 | 119.79 | 54.07 | 20 |
| Insulin | N2 | pg/mL | 221.86 | 140.57 | 20 | 1090.55 | 2312.47 | 20 |
| Leptin  | N2 | pg/mL | 1039.65 | 955.07 | 20 | 515.70 | 432.16 | 20 |
| Triglycerides | N2 | mg/dL | 44.61 | 37.08 | 20 | 25.76 | 14.50 | 20 |
| Food intake | N2 | gm | 4.32 | 3.23 | 39 | 5.39 | 4.73 | 25 |
| Nest Weight | N2 | gm | 5.76 | 5.51 | 39 | 12.19 | 11.60 | 25 |
| Wheel Running Score  | N2 | log(km+1) \* | 0.71 | 0.47 | 34 | 1.02 | 0.51 | 38 |

\*Distance was corrected for slight differences in run time among animals