Supplementary Table 1. Results of analysis of body mass and tail length across generations including wild-caught, N1, and N2 individuals from New York and Brazil (n=438 for body mass; n=427 for tail length). Phenotypes are depicted in Figure 2. Significant interaction terms are reported. The model was of the form:

Response Variable ~ Body Mass + Generation \* Population \* Sex

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Response Variable | Predictor | Df | Sums of Squares | F | *P* value |
| Body Mass | Generation | 2 | 191.6 | 6.41 | 0.0018\*\* |
|  | Population | 1 | 686.6 | 45.91 | 4.13 x 10-11\*\*\*\* |
|  | Sex | 1 | 237 | 15.85 | 8.06 x 10-5\*\*\*\* |
|  | Generation:Population | 2 | 192.6 | 6.44 | 0.0018\*\* |
|  | Population:Sex | 1 | 100.3 | 6.71 | 0.010\* |
| Tail Length | Body Mass | 1 | 837 | 37.34 | 2.30 x 10-9\*\*\*\* |
|  | Generation | 2 | 210 | 4.68 | 0.0098\*\* |
|  | Population | 1 | 44 | 1.97 | 0.16 |
|  | Sex | 1 | 86 | 3.86 | 0.050 |
|  | Generation:Sex | 2 | 248 | 5.53 | 0.0043\*\* |

\**P*<0.05, \*\**P* <0.01, \*\*\**P* <0.001, \*\*\*\**P* <0.0001