Supplementary Table S1. Results of two-way ANOVA main effects and interaction

| | **Main effects** | | | | **Interactive effect (Sex x Strain)** | |
|---|---|---|---|---|---|---|
| | **Sex** | | **Strain** | | | |
| Weight gain (g) | F (1, 80) = 1,087 | $p$ = 0,3002 | F (1, 80) = 129,0 | ***p* < 0,0001** | F (1, 80) = 0,6649 | $p$ = 0,4173 |
| Body mass index (g/cm$^2$) | F (1, 65) = 7,829 | ***p* = 0,0068** | F (1, 65) = 24,19 | ***p* < 0,0001** | F (1, 65) = 0,0052 | $p$ = 0,9426 |
| Length (cm) | F (1, 87) = 2,330 | $p$ = 0,1305 | F (1, 87) = 0,6551 | $p$ = 0,4205 | F (1, 87) = 1,941 | $p$ = 0,1671 |
| Head circumference (cm) | F (1, 87) = 6,974 | ***p* = 0,0098** | F (1, 87) = 2,244 | $p$ = 0,1378 | F (1, 87) = 0,1208 | $p$ = 0,7290 |
| Cerebral weight (g) | F (1, 48) = 6,570 | ***p* = 0,0136** | F (1, 48) = 0,0115 | $p$ = 0,9150 | F (1, 48) = 0,1411 | $p$ = 0,7089 |
| Cephalization index | F (1, 77) = 1,604 | $p$ = 0,2091 | F (1, 77) = 50,01 | ***p* < 0,0001** | F (1, 77) = 3,834 | $p$ = 0,0538 |
| Cerebral index (g) | F (1, 28) = 3,692 | $p$ = 0,0649 | F (1, 28) = 8,137 | ***p* = 0,0081** | F (1, 28) = 0,1196 | $p$ = 0,7321 |
| Thymic weight (mg) | F (1, 84) = 0,9762 | ***p* = 0,3260** | F (1, 84) = 31,36 | ***p* < 0,0001** | F (1, 84) = 0,7110 | $p$ = 0,4015 |
| Thymic index | F (1, 77) = 0,2082 | $p$ = 0,6495 | F (1, 77) = 9,905 | ***p* = 0,0023** | F (1, 77) = 1,464 | $p$ = 0,2300 |
| Thymic area (mm$^2$) | F (1, 34) = 0,3240 | $p$ = 0,5730 | F (1, 34) = 23,13 | ***p* < 0,0001** | F (1, 34) = 0,4503 | $p$ = 0,5067 |