**Table S4 Elementary statistics of anatomy of the digestive tract in F2**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Raw organ weight (g) or length (cm)** | **Organ weight (g.g-1) or length (cm.g-1) relative to body weight at 23 d** | **Organ weight (g.g-1) or length (cm.g-1)** **relative to feed intake between 9 and 23 d** |
|  | **N** | **Mean** | **Standard deviation** | **N** | **Mean** | **Standard deviation** | **N** | **Mean** | **Standard deviation** |
| Weight of |  |  |  |  |  |  |  |  |  |
|  Duodenum | 803 | 6.483 | 1.525 | 800 | 1.442 | 0.317 | 773 | 1.077 | 0.248 |
|  Jejunum | 804 | 10.440 | 1.816 | 801 | 2.317 | 0.322 | 774 | 1.725 | 0.252 |
|  Ileum | 804 | 7.182 | 1.315 | 801 | 1.598 | 0.263 | 774 | 1.186 | 0.182 |
|  Small intestine | 799 | 24.107 | 3.850 | 796 | 5.355 | 0.696 | 769 | 3.987 | 0.549 |
|  Proventriculus | 806 | 3.578 | 1.043 | 803 | 0.800 | 0.240 | 776 | 0.594 | 0.185 |
|  Gizzard | 805 | 9.104 | 1.536 | 802 | 2.037 | 0.369 | 775 | 1.522 | 0.327 |
| Length of |  |  |  |  |  |  |  |  |  |
|  Duodenum | 803 | 0.056 | 0.009 | 803 | 0.055 | 0.009 |  |  |  |
|  Jejunum | 801 | 0.109 | 0.016 | 801 | 0.109 | 0.016 |  |  |  |
|  Ileum | 801 | 0.094 | 0.015 | 801 | 0.094 | 0.015 |  |  |  |
|  Small intestine | 802 | 115.53 | 11.58 | 799 | 0.259 | 0.034 |  |  |  |