|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |  |  |  | NOP groups |  | LIG groups |  | SOP groups |  | *P* values |
|  | PND(d) |  | CTRL(n=10) | CLM(n=20) |  | CTRL(n=9) | CLM(n=8) |  | CTRL(n=10) | CLM(n=10) |  | KW-test | LIG-CTRL vs NOP-CTRL | LIG-CTRL vs LIG-CLM |
| Body weight gain (g) |  | 2 - 19 |  | 44.7 ± 1.0 | 44.9 ± 0.5 |  | 42.0 ± 0.5 | 43.5 ± 0.7 |  | 41.6 ± 1.0 | 38.9 ± 0.6 |  | **<0.001** | 0.044 | 0.088 |
|  | 19 - 40 |  |  122 ± 4 |  123 ± 2 |  |  117 ± 2 |  113 ± 2 |  |  114 ± 3 |  120 ± 3 |   | 0.037 | 0.367 | 0.495 |
|  | 40 - 89 |  |  234 ± 7 |  231 ± 6 |  |  234 ± 9 |  211 ± 7 |  |  225 ± 3 |  221 ± 5 |   | 0.257 | 0.921 | 0.070 |
| Body weight gain per day (g/d) |  | 2 - 19 |  | 2.63 ± 0.06 | 2.64 ± 0.03 |  | 2.47 ± 0.03 | 2.56 ± 0.04 |  | 2.45 ± 0.06 | 2.29 ± 0.03 |  | **<0.001** | 0.044 | 0.088 |
|  | 19 - 40 |  | 5.82 ± 0.18 | 5.86 ± 0.10 |  | 5.55 ± 0.12 | 5.39 ± 0.10 |  | 5.44 ± 0.14 | 5.73 ± 0.13 |  | 0.037 | 0.367 | 0.495 |
|  | 40 - 89 |  | 4.69 ± 0.14 | 4.61 ± 0.12 |  | 4.68 ± 0.17 | 4.21 ± 0.14 |  | 4.00 ± 0.07 | 4.42 ± 0.11 |  | 0.257 | 0.921 | 0.070 |
| Length growth (cm) |  | 2 - 19 |  | 1.92 ± 0.15 | 2.35 ± 0.10 |  | 1.83 ± 0.13 | 2.21 ± 0.05 |  | 1.70 ± 0.17 | 2.06 ± 0.08 |  | **0.005** | 0.765 | 0.054 |
|  | 19 - 40 |  | 6.72 ± 0.15 | 6.85 ± 0.10 |  | 6.80 ± 0.24 | 6.85 ± 0.07 |  | 6.89 ± 0.14 | 6.94 ± 0.19 |  | 0.911 | 0.797 | 0.726 |
|  | 40 - 89 |  | 5.59 ± 0.12 | 5.60 ± 0.15 |  | 5.86 ± 0.21 | 5.37 ± 0.29 |  | 5.82 ± 0.20 | 5.54 ± 0.22 |  | 0.726 | 0.326 | 0.175 |
| Length growth per day (g/d) |  | 2 - 19 |  | 0.11 ± 0.01 | 0.14 ± 0.01 |  | 0.11 ± 0.01 | 0.13 ± 0.01 |  | 0.09 ± 0.01 | 0.12 ± 0.01 |  | **0.005** | 0.765 | 0.054 |
|  | 19 - 40 |  | 0.32 ± 0.01 | 0.33 ± 0.01 |  | 0.33 ± 0.01 | 0.33 ± 0.01 |  | 0.33 ± 0.02 | 0.33 ± 0.01 |  | 0.911 | 0.797 | 0.726 |
|  | 40 - 89 |  | 0.11 ± 0.01 | 0.11 ± 0.01 |  | 0.12 ± 0.01 | 0.11 ± 0.01 |  | 0.12 ± 0.01 | 0.11 ± 0.01 |  | 0.726 | 0.326 | 0.175 |

**Supplementary Table S3.** Weight gain and length gain in 3 different postnatal periods (PND 2 – 19, PND 19 – 40, PND 40 – 98) are shown

Please see legends of Tables 2, 3 or 5 for explanation of PND, NOP, LIG, SOP, CTRL, CLM, KW-test, LIG-CTRL vs NOP-CTRL, LIG-CTRL vs LIG-CLM.