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| **LIVER** |   |   |   |   |   |   |   |
| ***Npas2*** | ***Bmal1*** |
|   | Data Mean  | Phase(ZT) | Rhythmicity*p*-value |   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |
| WT | 13.7 ± 16.1 | 3.8 | **0.00374** | WT | 5.2 ± 3.1 | 1.3 | **0.000262** |
| Clock-KO | **122.4 ± 97.8** | 20.5 | **0.020487** | Clock-KO | **9.4 ± 2.5** | 9.8 | **0.001649** |
| ***Per2*** | ***G6pc*** |
|   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |
| WT | 4.0 ± 2.9 | 16.2 | **9.00E-06** | WT | 2.2 ± 1.1 | 6.2 | **0.043968** |
| Clock-KO | 4.3 ± 2.7 | 12.2 | **0.000121** | Clock-KO | 2.5 ± 1.9 | 6.9 | **0.00787** |

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| **LUNG** |   |   |   |   |   |
| ***Npas2*** | ***Bmal1*** |
|   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |
| WT | 2.3 ± 1.4 | 0.6 | **0.002291** | WT | 2.4 ± 1.6 | 23.7 | **0.003098** |
| Clock-KO | **3.6 ± 1.5** | 20.5 | **0.017246** | Clock-KO | **3.8 ± 1.1** | 18.6 | **0.040169** |
| ***Per2*** | ***Dbp*** |
|   | Data Mean | Phase | Rhythmicity*p*-value |   | Data Mean | Phase | Rhythmicity*p*-value |
| WT | 3.1 ± 1.8 | 16.5 | **0.000224** | WT | 4.6 ± 4.5 | 11.4 | **3.50E-05** |
| Clock-KO | 2.8 ± 0.9 | 12.4 | **0.023953** | Clock-KO | **1.3 ± 0.6** | 4.7 | **0.004414** |

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| **KIDNEY** |   |   |   |   |   |   |   |
| ***Npas2*** | ***Bmal1*** |
|   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |
| WT | 2.8 ± 1.4 | 1.6 | **0.0129399** | WT | 1.6 ± 0.6 | 0.2 | **0.003889** |
| Clock-KO | 3.2 ± 1.1 | n.a. | 0.555993 | Clock-KO | **2.3 ± 0.6** | 10.6 | **0.039375** |
| ***Per2*** | ***Gilz*** |
|   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |
| WT | 1.7 ± 0.8 | 16.6 | **0.004794** | WT | 1.6 ± 0.6 | 16.2 | **0.018514** |
| Clock-KO | 1.6 ± 0.6 | n.a. | 0.335424 | Clock-KO | 1.9 ± 0.6 | n.a. | 0.140443 |

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| **ADRENAL** |   |   |   |   |   |   |   |
| ***Npas2*** | ***Bmal1*** |
|   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |
| WT | 1.5 ± 0.7 | 22.6 | **0.00867** | WT | 1.5 ± 0.5 | 21.4 | **0.019697** |
| Clock-KO | **4.5 ± 1.5** | 18.90 | **5.10E-05** | Clock-KO | **2.9 ± 0.7** | 14.9 | **0.008193** |
| ***Per2*** | ***Star*** |
|   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |   | Data Mean | Phase(ZT) | Rhythmicity*p*-value |
| WT | 1.7 ± 0.7 | 12.1 | **0.009368** | WT | 1.3 ± 0.4 | 11.3 | **0.033384** |
| Clock-KO | 1.7 ± 1.0 | 10.3 | **0.011083** | Clock-KO | 1.2 ± 0.5 | n.a. | 0.07896 |