**Supplementary File 2.** **Statistical comparison of each genotype’s ability to reach at least L4 stage from L1 stage following 48 hr exposure to 0.5% O2 as embryos, compared to animals kept in 21% O2 for 48 hr.**

|  |  |  |  |
| --- | --- | --- | --- |
| **0.5% O2 Figure** | **21% O2 Figure** | **Genotype** | **p-value** |
| Figure 2B | Figure 2—figure supplement 1B | WT | >0.9999 |
| Figure 2B | Figure 2—figure supplement 1B | *nhr-49(nr2041)* | 0.0037\*\* |
| Figure 2B | Figure 2—figure supplement 1B | *hif-1(ia4)* | 0.0028\*\* |
| Figure 2B | Figure 2—figure supplement 1B | *nhr-49(nr2041);hif-1(ia4)* | <0.0001\*\*\*\* |

All p-values are derived using ordinary two-way ANOVA corrected for multiple comparisons using the Tukey method. \*\*p<0.01 and \*\*\*\*p<0.0001. WT = wild-type.