**Supplementary File 2 – Relates to Figures 5 and 10**

|  |
| --- |
| *let-7* Consensus Sites (LCSs) Identified in 3' UTRs of Selected Nematode and Vertebrate Homologs of *ROR* |
| Species | Gene | Identifier | 3' UTR Length(nt.) | LCSPosition (3' nt.) | TS(kcal/mol) | Alignment of LCS (5' to 3') with *let‑7* (3' to 5') |
| *C. elegans* | *nhr-23* | NM\_001025806 | 868 | 42 | -21.8 |  |
| 249 | -15.2 |  |
| **594** | -17.0 |  |
| 646 | -17.6 |  |
| *C. briggsae* | *nhr-23* | WBGene00040598 | 866 | 629 | -20.7 |  |
| **835** | -21.8 |  |
| *H. sapiens* | *RORβ* | NM\_006914 | 7559 | **3576** | -25.9 |  |
| **4055** | -23.1 |  |
| 4961 | -23.1 |  |
| *M. musculus* | *RORβ* | NM\_146095 | 7271 | **3817** | -23.8 |  |
| 5242 | -22.7 |  |
| 6675 | -26.7 |  |
| *D. rerio* | *RORβ* | NM\_001082856 | 5431 | **949** | -21.8 |  |
| **4318** | -23.8 |  |
| **4421** | -23.3 |  |
| *H. sapiens* | *RORα* | NM\_134261 | 9171 | 3079 | -23.7 |  |
| 3142 | -22.8 |  |
| 6480 | -24.0 |  |
| **8321** | -22.2 |  |
| *M. musculus* | *RORα* | NM\_013646 | 9285 | **2055** | -23.9 |  |
| **2184** | -23.7 |  |
| 4913 | -22.6 |  |