|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NC RNAa** | **chromosome** | **Log2Fc** | **Adjusted p-value** | **Start-End** | **Overlapping ORF** | **Upstream ORF** | **Downstream ORF** |
| **WT with H2O2**  **vs WTb** |  |  |  |  |  |  |  |
| rh57# | NZ\_CP011933.1 | -2.887 | 1.59e-15 | 23941-24050 | LEPIMA\_p0025 | LIMLP\_19380 | LIMLP\_19385 |
| rh74 | NZ\_CP011932.1 | 1.437 | 1.17e-06 | 56523-56736 | NA | LIMLP\_18085 | LEPIMA\_CII0060 |
| rh206 | NZ\_CP011931.1 | -1.867 | 3.90e-03 | 153984-154061 | LIMLP\_00690 | LIMLP\_00685 | LIMLP\_00695 |
| rh392 | NZ\_CP011931.1 | -1.667 | 3.29e-02 | 299625-299684 | NA | LIMLP\_01350 | LIMLP\_01355 |
| rh395 | NZ\_CP011931.1 | -1.737 | 6.43e-03 | 301445-301510 | LIMLP\_01360 | LIMLP\_01355 | LIMLP\_01365 |
| rh637# | NZ\_CP011931.1 | 1.103 | 1.12e-02 | 501388-501477 | NA | LIMLP\_02105 | LIMLP\_02110 |
| rh859# | NZ\_CP011931.1 | 3.188 | 4.06e-105 | 683752-684074 | NA | LIMLP\_02795\* | LEPIMA\_CI0612 |
| rh895 | NZ\_CP011931.1 | 1.388 | 2.19e-05 | 734063-734135 | NA | LIMLP\_02950 | LIMLP\_02955 |
| rh1064 | NZ\_CP011931.1 | 1.190 | 4.75e-03 | 858345-858419 | NA | LIMLP\_03585 | LIMLP\_03590 |
| rh1827 | NZ\_CP011931.1 | 1.836 | 2.73e-09 | 1541659-1541789 | LIMLP\_06285 | LEPIMA\_CI1388 | LIMLP\_06290 |
| rh3130# | NZ\_CP011931.1 | 1.917 | 2.17e-11 | 2612368-2612495 | LEPIMA\_CI2416 | LIMLP\_10975 | LEPIMA\_CI2417 |
| rh3164 (RF02543) | NZ\_CP011931.1 | -1.807 | 2.87e-03 | 2642149-2642207 | NA | LIMLP\_11090 | LIMLP\_11095 |
| rh3342 | NZ\_CP011931.1 | 1.020 | 1.96e-03 | 2775329-2775511 | NA | LIMLP\_11660 | LEPIMA\_CI2560 |
| rh3352# | NZ\_CP011931.1 | 1.585 | 3.81e-05 | 2787780-2787953 | LIMLP\_11710 | LIMLP\_11705 | LIMLP\_11715 |
| rh3590 | NZ\_CP011931.1 | 1.064 | 2.50e-02 | 3005107-3005171 | NA | LIMLP\_12625 | LIMLP\_12630 |
| rh3999 | NZ\_CP011931.1 | 1.902 | 1.02e-13 | 3352754-3352979 | LIMLP\_14120 | LIMLP\_14115 | LIMLP\_14135 |
| rh4413# | NZ\_CP011931.1 | 1.209 | 1.60e-06 | 3721204-3721564 | NA | LIMLP\_15540 | LIMLP\_15545 |
| rh4459# | NZ\_CP011931.1 | -1.947 | 2.43e-03 | 3755947-3756010 | NA | LIMLP\_15710 | LEPIMA\_CI3455 |
| rh4869 | NZ\_CP011931.1 | 1.039 | 1.47e-02 | 4095525-4095616 | LIMLP\_17200 | LIMLP\_17195 | LIMLP\_17205 |
| ***perR* vs WTc** |  |  |  |  |  |  |  |
| rh106 | NZ\_CP011932.1 | 1.248 | 3.27e-04 | 74524-74606 | NA | LIMLP\_18155 | LIMLP\_18160 |
| rh288 | NZ\_CP011931.1 | 3.812 | 0.00 | 197282-197352 | LIMLP\_00895 | LIMLP\_00890 | LEPIMA\_CI0185 |
| rh753§ | NZ\_CP011931.1 | -1.312 | 4.33e-07 | 602773-602842 | NA | LIMLP\_02460 | LIMLP\_02465 |
| rh859# | NZ\_CP011931.1 | 2.502 | 8.77e-56 | 683752-684074 | NA | LIMLP\_02795\* | LEPIMA\_CI0612 |
| rh1263 | NZ\_CP011931.1 | -3.129 | 1.96e-95 | 1032253-1032330 | NA | LIMLP\_04265 | LIMLP\_04270\*\* |
| rh1990 | NZ\_CP011931.1 | -1.585 | 1.50e-09 | 1693954-1694018 | LEPIMA\_CI1539 | LIMLP\_06885 | LIMLP\_06890 |
| rh2234 | NZ\_CP011931.1 | -1.120 | 1.68e-03 | 1903652-1903716 | NA | LIMLP\_07745 | LIMLP\_07750 |
| rh2425 | NZ\_CP011931.1 | -1.378 | 1.37e-05 | 2031402-2031466 | NA | LIMLP\_08405 | LIMLP\_08410 |
| rh2487# | NZ\_CP011931.1 | -1.209 | 3.97e-07 | 2083779-2083898 | LIMLP\_08585 | LEPIMA\_CI1903 | LIMLP\_08590 |
| rh2811 | NZ\_CP011931.1 | -1.025 | 1.20e-02 | 2345656-2345718 | NA | LIMLP\_09820 | LIMLP\_09825 |
| rh2901 | NZ\_CP011931.1 | 1.073 | 6.05e-05 | 2422195-2422454 | LIMLP\_10135 | LIMLP\_10130 | LIMLP\_10140 |
| rh4480 | NZ\_CP011931.1 | 1.000 | 3.77e-02 | 3774801-3774859 | NA | LIMLP\_15805 | LIMLP\_15810 |
| ***perR* with H2O2 vs *perR* d** |  |  |  |  |  |  |  |
| rh38§ | NZ\_CP011932.1 | -2.106 | 3.01e-03 | 32083-32148 | LIMLP\_17965 | LIMLP\_17960 | LIMLP\_17970 |
| rh96 | NZ\_CP011932.1 | -2.481 | 7.42e-09 | 68369-68433 | NA | LEPIMA\_CII0073 | LIMLP\_18135 |
| rh151 | NZ\_CP011931.1 | -1.700 | 3.55e-02 | 114296-114360 | LEPIMA\_CI0108 | LIMLP\_00505 | LIMLP\_00510 |
| rh206 | NZ\_CP011931.1 | -1.920 | 3.57e-03 | 153984-154061 | LIMLP\_00690 | LIMLP\_00685 | LIMLP\_00695 |
| rh326 | NZ\_CP011932.1 | -1.851 | 3.26e-03 | 241122-241244 | NA | LIMLP\_18790 | LIMLP\_18795 |
| rh347 | NZ\_CP011932.1 | -1.898 | 1.13e-02 | 254943-255014 | NA | LIMLP\_18845 | LIMLP\_18850 |
| rh367 | NZ\_CP011932.1 | -3.357 | 1.30e-49 | 268892-268989 | NA | LIMLP\_18895 | LIMLP\_18900 |
| rh401 | NZ\_CP011932.1 | -1.914 | 8.98e-03 | 287311-287372 | NA | LIMLP\_18975 | LIMLP\_18980 |
| rh479 | NZ\_CP011931.1 | -1.485 | 7.93e-03 | 370349-370613 | NA | LIMLP\_01630 | LIMLP\_01635 |
| rh753§ | NZ\_CP011931.1 | -3.051 | 3.87e-28 | 602773-602842 | NA | LIMLP\_02460 | LIMLP\_02465 |
| rh859# | NZ\_CP011931.1 | 1.711 | 5.47e-07 | 683752-684074 | NA | LIMLP\_02795\* | LEPIMA\_CI0612 |
| rh928 | NZ\_CP011931.1 | -2.115 | 5.16e-04 | 766160-766220 | NA | LIMLP\_03050 | LEPIMA\_CI0670 |
| rh1026 | NZ\_CP011931.1 | -1.665 | 1.95e-03 | 831841-832047 | NA | LIMLP\_03455 | LIMLP\_03460 |
| rh1069 | NZ\_CP011931.1 | -1.547 | 4.77e-02 | 863660-863720 | LEPIMA\_CI0783 | LIMLP\_03605 | LIMLP\_03610 |
| rh1367 | NZ\_CP011931.1 | -1.793 | 1.24e-02 | 1118885-1118949 | NA | LIMLP\_04620 | LIMLP\_04625 |
| rh1388 | NZ\_CP011931.1 | -1.765 | 9.03e-03 | 114026-1140088 | LEPIMA\_CI01032 | LEPIMA\_CI1031 | LIMLP\_04690 |
| rh1698 | NZ\_CP011931.1 | -1.869 | 7.85e-03 | 1428565-1428634 | LIMLP\_05800 | LIMLP\_05795 | LIMLP\_05805 |
| rh1880§ | NZ\_CP011931.1 | -2.170 | 9.01e-06 | 1592557-1592621 | LEPIMA\_CI1441 | LIMLP\_06480 | LEPIMA\_CI1442 |
| rh2040 | NZ\_CP011931.1 | -1.748 | 4.10e-02 | 1736218-1736282 | LIMLP\_07045 | LIMLP\_07040 | LIMLP\_07050 |
| rh2114§ | NZ\_CP011931.1 | -2.600 | 3.78e-12 | 1799567-1799634 | NA | LIMLP\_07290 | LIMLP\_07295 |
| rh2458 (RF02541) | NZ\_CP011931.1 | -1.954 | 1.10e-03 | 2056548-2056611 | NA | LEPIMA\_CI1884 | LIMLP\_08500 |
| rh2850§ | NZ\_CP011931.1 | -2.087 | 6.10e-05 | 2378010-2378075 | LEPIMA\_CI2192 | LIMLP\_09945 | LIMLP\_09950 |
| rh3164 (RF02543) | NZ\_CP011931.1 | -2.585 | 2.95e-07 | 2642149-2642207 | NA | LIMLP\_11090 | LIMLP\_11095 |
| rh3298 | NZ\_CP011931.1 | -2.000 | 1.37e-03 | 2741655-2741711 | NA | LIMLP\_11550 | LIMLP\_11560 |
| rh3753 | NZ\_CP011931.1 | -1.854 | 4.15e-03 | 3152894-3153000 | NA | LIMLP\_13250 | LIMLP\_13255 |
| rh3894# | NZ\_CP011931.1 | -1.938 | 5.78e-03 | 3271638-3271704 | NA | LIMLP\_13765 | LIMLP\_13770 |
| rh4234 | NZ\_CP011931.1 | -2.222 | 5.47e-07 | 3541101-3541196 | NA | LEPIMA\_CI3278 | LIMLP\_14925 |
| rh4459# | NZ\_CP011931.1 | -1.947 | 2.43e-03 | 3755947-3756010 | NA | LIMLP\_15710 | LEPIMA\_CI3455 |
| rh4680 (RF02541) | NZ\_CP011931.1 | -1.466 | 1.37e-02 | 3936966-3937120 | NA | LIMLP\_16535 | LIMLP\_16540 |
| rh4918§ | NZ\_CP011931.1 | -2.222 | 6.49e-06 | 4133590-4133654 | NA | LIMLP\_17350 | LIMLP\_17355 |

**S5 Table: Differentially-expressed ncRNAs upon *perR* inactivation and exposure to sublethal doses of H2O2.**

a Gene numeration is according to Satou et al. (2015).

b Significantly differentially-expressed ncRNAs upon a 30 min. exposure to 10 μM H2O2 (Log2FC cutoff of ± 1, p-value cutoff of 0.05).

c Significantly differentially-expressed ncRNAs upon *perR* inactivation (M776 mutant) (Log2FC cutoff of ± 1, p-value cutoff of 0.05).

d Significantly differentially-expressed ncRNAs in the *perR* mutant (M776 mutant) upon a 30 min. exposure to 10 μM H2O2 (Log2FC cutoff of ± 1, p-value cutoff of 0.05).

§ ncRNAs significantly down-regulated upon an 1h exposure to 1 mM H2O2 (Log2FC cutoff of -1, p-value cutoff of 0.05).

# ncRNAs significantly up-regulated upon an 1h exposure to 1 mM H2O2 (Log2FC cutoff of 1, p-value cutoff of 0.05).

\* ORFs significantly significantly up-regulated by RNASeq analysis (Log2FC cutoff of 1, p-value cutoff of 0.05).

\*\* ORFs significantly significantly down-regulated by RNASeq analysis (Log2FC cutoff of -1, p-value cutoff of 0.05).

NA, non-applicable

The Rfam classification of ncRNAs is indicated into parenthesis.