

Table S3. 30 cEper1 genes that were highest transcribed in male wasps are listed and sorted by the fold-change compared to their expression in female wasps. Genes meeting the DE criteria ($p < 0.05$ and multiple testing correction of FDR < 10%) are highlighted in bold.

| Locus tags from Penz et al., 2012 ¹ | Current GenBank locus tag ² | Description | Mean cEper1 expression in males | Mean cEper1 expression in females | Fold change | p-value | FDR value |
|--|--|---------------------------------------|---------------------------------|-----------------------------------|--------------|--------------|--------------|
| CAHE_p0035 | AL022_RS04060 | hypothetical protein | 450.19 | 158.52 | 0.352 | 0.152 | 0.490 |
| CAHE_0088 | AL022_RS00410 | hypothetical protein | 1.58 | 0.57 | 0.363 | 0.707 | 0.912 |
| CAHE_0416 | AL022_RS01910 | hypothetical protein | 7.29 | 2.93 | 0.402 | 0.186 | 0.528 |
| CAHE_p0059 | AL022_RS04155 | hypothetical protein | 409.06 | 180.09 | 0.44 | 0.369 | 0.735 |
| - | AL022_RS02750 | hypothetical protein | 17.85 | 7.96 | 0.446 | 0.059 | 0.341 |
| - | AL022_RS01010 | hypothetical protein | 7.08 | 3.32 | 0.47 | 0.235 | 0.588 |
| CAHE_p0063 | AL022_RS04170 | transposase | 1142.75 | 551.01 | 0.482 | 0.242 | 0.601 |
| CAHE_p0027 | AL022_RS04035 | hypothetical protein | 235.71 | 117.67 | 0.499 | 0.001 | 0.052 |
| CAHE_0539 | AL022_RS02470 | hypothetical protein | 9.83 | 4.96 | 0.505 | 0.156 | 0.496 |
| CAHE_p0049 | AL022_RS04115 | hypothetical protein | 1191.93 | 602.62 | 0.506 | 0.314 | 0.699 |
| CAHE_p0037 | AL022_RS04070 | hypothetical protein | 329 | 170.11 | 0.517 | 0.515 | 0.819 |
| CAHE_0552 | AL022_RS02525 | hypothetical protein | 16.61 | 8.66 | 0.521 | 0.132 | 0.462 |
| - | AL022_RS04150 | transposase | 1846.87 | 965.05 | 0.523 | 0.335 | 0.721 |
| - | AL022_RS03860 | hypothetical protein | 15.29 | 8.23 | 0.538 | 0.115 | 0.452 |
| CAHE_p0026 | AL022_RS04030 | RING domain containing protein | 1491.23 | 816.33 | 0.547 | 0.001 | 0.062 |
| CAHE_0385 | AL022_RS01775 | hypothetical protein | 48.04 | 26.65 | 0.555 | 0.019 | 0.282 |

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|------------------|----------------------|-----------------------------|---------------|---------------|--------------|--------------|--------------|
| CAHE_0663 | AL022_RS03030 | hypothetical protein | 16.98 | 9.55 | 0.562 | 0.128 | 0.458 |
| CAHE_0544 | AL022_RS02490 | hypothetical protein | 459.68 | 259.51 | 0.565 | 0.002 | 0.095 |
| CAHE_0542 | AL022_RS02485 | hypothetical protein | 465.55 | 264.74 | 0.569 | 0.043 | 0.312 |
| CAHE_0605 | AL022_RS02755 | membrane protein | 58.74 | 33.44 | 0.569 | 0.032 | 0.293 |
| CAHE_0755 | AL022_RS03470 | thioredoxin | 592.61 | 338.89 | 0.572 | 0.003 | 0.114 |
| CAHE_0735 | AL022_RS03370 | hypothetical protein | 172.35 | 100.46 | 0.583 | 0.003 | 0.114 |
| CAHE_p0051 | AL022_RS04125 | hypothetical protein | 550.86 | 321.77 | 0.584 | 0.255 | 0.610 |
| CAHE_0319 | AL022_RS01445 | hypothetical protein | 95.22 | 56.62 | 0.595 | 0.019 | 0.282 |
| CAHE_0718 | AL022_RS03290 | iron-dependent repressor | 229.37 | 138.59 | 0.604 | 0.249 | 0.607 |
| CAHE_0732 | AL022_RS03355 | hypothetical protein | 309.35 | 187.25 | 0.605 | 0.009 | 0.217 |
| CAHE_p0022 | AL022_RS04010 | hypothetical protein | 57.41 | 34.91 | 0.608 | 0.175 | 0.518 |
| CAHE_0666 | AL022_RS03045 | hypothetical protein | 164.99 | 101.21 | 0.613 | 0.019 | 0.282 |
| CAHE_0787 | AL022_RS03655 | integrase | 246.82 | 152.3 | 0.617 | 0.005 | 0.16 |
| CAHE_p0040 | AL022_RS04085 | hypothetical protein | 846.49 | 524.29 | 0.619 | 0.145 | 0.483 |

¹ Penz T, Schmitz-Esser S, Kelly SE, Cass BN, Muller A, Woyke T, Malfatti SA, Hunter MS, Horn M. 2012. Comparative genomics suggests an independent origin of cytoplasmic incompatibility in *Cardinium hertigii*. PLoS Genet 8(10): e1003012. Genbank accession numbers: HE983995 and HE983996

² Genbank accession numbers: NC_018605.1 and NC_018606.1