|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OTU | Heated adjusted pvalue | Bleached adjusted pvalue | Bleached + Heated adjusted pvalue | Heated l2fc | Bleached l2fc | Bleached + Heated l2fc | Phylum | Class | Order | Family | Genus |
| Otu01224 | 1.57E-06 | 6.00E-08 | 2.71E-05 | 9.847232822 | 10.79266169 | 8.36232019 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Pseudoalteromonadaceae | Pseudoalteromonas |
| Otu01296 | 0.000856922 | 0.000561011 | 0.005141682 | 10.04404043 | 10.45934919 | 8.232520837 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Pseudoalteromonadaceae | Pseudoalteromonas |
| Otu00322 | 6.42E-08 | 2.29E-09 | 2.21E-09 | 22.86585664 | 24.67060057 | 22.36474822 | Bacteroidetes | Bacteroidia | Chitinophagales | Saprospiraceae | uncultured |
| Otu00734 | 8.50E-23 | 3.11E-22 | 2.80E-20 | 25.79903195 | 25.54192061 | 22.46096177 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonadaceae\_unclassified |
| Otu00195 | 0.013386864 | 0.00193969 | 0.163719978 | 1.369049784 | 1.622337073 | 0.845563362 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonas |
| Otu00002 | 0.004336786 | 0.000715469 | 0.120200566 | 1.292770944 | 1.468968919 | 0.775714091 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonas |
| Otu00008 | 0.012939139 | 0.035693556 | 0.153825239 | -1.15038439 | -0.99083639 | -0.723915892 | Proteobacteria | Gammaproteobacteria | Cellvibrionales | Halieaceae | OM60 |
| Otu00179 | 3.03E-06 | 0.717552218 | 3.63E-11 | -8.977840531 | 1.002252708 | -10.22923634 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonadaceae\_unclassified |
| Otu00277 | 0.005073071 | 0.110479945 | 0.010219414 | 1.820452043 | 1.183562608 | 1.550819102 | Bacteroidetes | Bacteroidia | Flavobacteriales | Flavobacteriaceae | uncultured |
| Otu00048 | 0.00042511 | 0.386129529 | 0.000257098 | 1.560964377 | 0.591538296 | 1.434128075 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Aestuariibacter |
| Otu00853 | 0.006798514 | 1 | 0.000765194 | 9.519537909 | 0 | 10.36647892 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Pseudoalteromonadaceae | Pseudoalteromonas |
| Otu00058 | 0.048883543 | 0.931163267 | 0.302512595 | -2.52361206 | -0.482066258 | -1.518716588 | Bacteroidetes | Bacteroidia | Flavobacteriales | NS9\_marine\_group | NS9\_marine\_group\_ge |
| Otu00823 | NA | 0.031179732 | 0.023655739 | 8.24000674 | 9.123083651 | 8.911697244 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Pseudoalteromonadaceae | Pseudoalteromonas |
| Otu01012 | NA | 0.015381298 | 0.997343993 | -0.587243215 | -6.975738423 | 0.518289667 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonadaceae\_unclassified |
| Otu01023 | NA | 0.015381298 | 0.997343993 | -0.687454186 | -6.963518469 | 0.238381381 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonadaceae\_unclassified |
| Otu00419 | NA | 0.035693556 | 0.997343993 | -1.158221028 | -7.988865898 | -0.928714273 | Proteobacteria | Gammaproteobacteria | Oceanospirillales | Litoricolaceae | Litoricola |
| Otu00327 | NA | 0.075398398 | 0.038471134 | 7.309356596 | 8.193753569 | 8.464131894 | Euryarchaeota | Thermoplasmata | Marine\_Group\_II | Marine\_Group\_II\_fa | Marine\_Group\_II\_ge |
| Otu00476 | NA | 0.931163267 | 0.036816121 | -0.575524572 | 0.963578486 | -8.258405214 | Proteobacteria | Alphaproteobacteria | Rhodobacterales | Rhodobacteraceae | Rhodobacteraceae\_unclassified |
| Otu00649 | 0.065233476 | 0.034948803 | 0.011581861 | 1.985756711 | 2.101911452 | 2.205220625 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Colwelliaceae | Thalassotalea |
| Otu00101 | 0.099973871 | 0.002285941 | 0.234525577 | 2.185078263 | 3.294200193 | 1.633946032 | Bacteroidetes | Bacteroidia | Chitinophagales | Saprospiraceae | uncultured |
| Otu00181 | 0.69627657 | 0.035693556 | 0.825289484 | 0.777679188 | 2.221388853 | 0.908460509 | Proteobacteria | Alphaproteobacteria | Rhodobacterales | Rhodobacteraceae | Rhodobacteraceae\_unclassified |
| Otu00027 | 0.502997039 | 0.001748299 | 0.245692049 | -0.714321143 | -1.943918868 | -0.898704378 | Proteobacteria | Gammaproteobacteria | Oceanospirillales | Litoricolaceae | Litoricola |
| Otu00410 | 0.520079901 | 0.000561011 | 0.997343993 | -1.991835073 | -8.511628793 | -0.632952773 | Bacteroidetes | Bacteroidia | Flavobacteriales | Flavobacteriaceae | Kordia |
| Otu00480 | 0.495008674 | 0.002075657 | 0.997343993 | 2.222815497 | 5.766700401 | 1.107160047 | Bacteroidetes | Bacteroidia | Flavobacteriales | Cryomorphaceae | Phaeocystidibacter |
| Otu00075 | 0.116575213 | 0.005535059 | 0.068099299 | 2.552530067 | 3.699294535 | 2.545924273 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Pseudoalteromonadaceae | Pseudoalteromonas |
| Otu00085 | 0.168430135 | 0.004035638 | 0.163719978 | 1.965130057 | 3.203074746 | 1.797279721 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Pseudoalteromonadaceae | Pseudoalteromonas |
| Otu00802 | 0.825080317 | 5.56E-10 | 0.997343993 | 1.328142611 | -19.63555197 | 1.188804472 | Proteobacteria | Deltaproteobacteria | Bdellovibrionales | Bdellovibrionaceae | OM27\_clade |
| Otu00009 | 0.394038388 | 0.007270622 | 0.997343993 | -1.293968348 | -2.496030483 | 0.162912968 | Proteobacteria | Gammaproteobacteria | Betaproteobacteriales | Methylophilaceae | OM43\_clade |
| Otu00368 | 0.529884931 | 0.231526274 | 0.029464859 | 0.927913394 | -1.38182967 | 1.855013862 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonadaceae\_unclassified |
| Otu00457 | 0.805201058 | 0.941906395 | 0.000151366 | -1.195502441 | 0.494594853 | -8.927337169 | Proteobacteria | Alphaproteobacteria | Rhodobacterales | Rhodobacteraceae | Rhodobacteraceae\_unclassified |
| Otu00686 | 0.964756238 | 0.663330615 | 0.02552918 | 0.234359488 | 1.952445776 | -4.511709297 | Proteobacteria | Gammaproteobacteria | Alteromonadales | Alteromonadaceae | Alteromonas |

**Table 1:** DESeq2 results for the 31 OTUs that were significantly differentially abundant in at least one coral stress treatment relative to coral Controls.