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| # SNPs on Contig | Contig Name | Contig Length | Description | E-value | Percent Match |
| *A. Coral Host, multiple SNPs per contig* |
| 2 | TR6468|c0\_g1\_i2\_coral | 552 | 40S ribosomal protein S3 | 2.85E-126 | 0.98 |
| 2 | TR13823|c0\_g3\_i2\_coral | 863 | Copper-transporting ATPase 2 | 7.59E-153 | 0.89 |
| 2 | TR43764|c4\_g1\_i1\_coral | 2006 | Angiopoietin-1 receptor | 0 | 0.73 |
| 2 | TR43821|c0\_g1\_i1\_coral | 2019 | Apolipoprotein B-100 | 0 | 0.71 |
| 2 | TR47922|c2\_g2\_i1\_coral | 1120 | No Description | No sig hit | No sig hit |
| 2 | TR47926|c0\_g3\_i1\_coral | 1402 | Protein FEV | 2.05E-136 | 0.97 |
| 2 | TR47928|c0\_g1\_i1\_coral | 4713 | Collagen alpha-1(II) chain | 0 | 0.84 |
| 2 | TR47957|c0\_g1\_i1\_coral | 1549 | Adenosylhomocysteinase | 0 | 0.94 |
| 3 | TR47983|c0\_g2\_i1\_coral | 2074 | Collagen alpha chain | 4.26E-164 | 0.85 |
| 4 | TR48002|c0\_g2\_i1\_coral | 2098 | Myosin heavy chain, muscle | 0 | 0.89 |
| 2 | TR52526|c0\_g1\_i1\_coral | 1204 | Cyclic AMP-dependent transcription factor ATF-5 | 1.74E-141 | 0.74 |
| 2 | TR52571|c0\_g1\_i1\_coral | 552 | Ubiquitin-like protein FUBI | 1.13E-74 | 0.87 |
| 3 | TR52932|c0\_g1\_i1\_coral | 531 | 60S ribosomal protein L26 | 3.52E-73 | 0.96 |
| *B. Symbiont Outlier SNPs* |
| 1 | TR17944|c3\_g1\_i1\_sym | 1612 | Photosystem II CP43 reaction center protein  | 0 | 0.94 |
| 1 | TR28648|c0\_g2\_i1\_sym | 732 | Photosystem I P700 chlorophyll *a* apoprotein A2 | 5.53E-158 | 0.9 |
| 1 | TR41328|c0\_g1\_i1\_sym | 599 | Photosystem II protein D1 | 3.46E-106 | 0.98 |
| 1 | TR47986|c1\_g3\_i2\_sym | 761 | No Description | No sig hit | No sig hit |
| *C. Outlier SNPs Shared by Independent VA and RI Analysis* |
| 3 | TR6468|c0\_g1\_i1\_coral | 839 | 40S ribosomal protein S3 | 2.25E-160 | 0.98 |
| 2 | TR6468|c0\_g1\_i2\_coral | 552 | 40S ribosomal protein S3 | 2.85E-126 | 0.98 |
| 1 | TR8375|c0\_g1\_i1\_coral | 748 | 60S ribosomal protein L12 | 1.60E-98 | 0.96 |
| 2 | TR13816|c0\_g1\_i1\_coral | 1306 | Sequestosome-1 | 9.40E-88 | 0.85 |
| 1 | TR20421|c4\_g1\_i1\_coral | 592 | No Description | No sig hit | No sig hit |
| 1 | TR47963|c0\_g2\_i2\_coral | 2536 | Collagen alpha-1(II) chain | 7.75E-49 | 0.54 |
| 1 | TR52526|c0\_g1\_i1\_coral | 1204 | Cyclic AMP-dependent transcription factor ATF-5 | 1.74E-141 | 0.74 |