**Supplement File E.**

**Genomic data from Reefgenomics (http://www.reefgenomics.org/)  
This table was edited from Bhattacharya et al (2016):Comparative genomics explains the evolutionary success of reef-forming corals *eLife* 5:e13288.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species** | **Reference** | **Resource** | **Platform** | **# Sequencing Reads** | **Insert length** | **# contigs** | **length [min/max]** | **mean length** | **# proteins** | **length [min/max]** | **mean length** | **# clusters > 100 aa (after CD-HIT)\*** | **mean length** |
| *Acropora digitifera* | (Shinzato et al. 2011) | NCBI SRA DRP000456 | Roche 454/Illumina GAIIx | 895 M | 200 bp - 20kbp | 24967 | 250/19622 | 1091 | 17133 | 99/6412 | 365 | 16977 | 367 |
| *Acropora hyacinthus* | (Barshis et al. 2013) | NCBI SRA SRP017155 | Illumina | 528 M | NA | 44236 | 250/6581 | 474 | 12172 | 99/744 | 152 | 11589 | 153 |
| *Acropora millepora* | (Moya et al. 2012) | NCBI SRA SRP010485 | Roche 454/Illumina GAIIx | 559 M | 99 bp - 188 bp | 56260 | 226/35256 | 1367 | 35205 | 99/9792 | 358 | 28463 | 366 |
| *Acropora palmata* | (Schwarz et al. 2008) | NCBI EST DR982333–DR988505 | Sanger ABI-3730 | 14 K | NA | 14647 | 68/4502 | 727 | 7832 | 99/701 | 189 | 7522 | 191 |
| *Acropora tenuis* | http://www.bio.utexas.edu/research/matz\_lab/matzlab/Data.html | http://www.bio.utexas.edu/research/matz\_lab/matzlab/Data.html | Roche 454 | NA | NA | 65278 | 250/4809 | 554 | 19969 | 99/1105 | 170 | 18419 | 170 |
| *Porites astreoides* | (Kenkel et al. 2013) | <http://www.bio.utexas.edu/research/matz_lab/matzlab/Data.html> | Roche 454 | 0.29 M | NA | 38498 | 250/8171 | 559 | 16550 | 99/2398 | 173 | 15755 | 173 |
| *Porites australiensis* | (Shinzato et al. 2014) | NDBI SRA DRP000939 | Illumina HiSeq2000 | 71 M | NA | 62412 | 301/54798 | 1471 | 53470 | 99/14601 | 397 | 19567 | 454 |
| *Porites lobata* | http://comparative.reefgenomics.org | http://comparative.reefgenomics.org | Illumina HiSeq2000 | 50 M | 180 bp | 52990 | 250/34867 | 879 | 27906 | 99/9514 | 253 | 21062 | 279 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |