

Supplementary Table S1. Accession numbers of mtORF sequences analyzed in this study.

Genera	Accession numbers	References*
<i>Pocillopora</i>	EF526302-EF526303 EU374225-EU374261 FJ424084-FJ424129 FR729326-FR729399 HQ378758-HQ37861 JX624970-JX625077 JX983175-JX994088 KF583920-KF583950 KF709240-KF709244 KF985974-KF985980 KJ690905-KJ690907 KM215069-KM215131 KM610241-KM610280 KT879922-KT880039 KX5389810-KX539013 KY587458-KY587472 LC222444-LC222452 NC009797-NC009798 (complete mitogenomes)	Flot and Tillier 2007 [1] Flot et al. 2008 [2] Souter 2010 [3] Flot et al. 2010 [4] Pinzon and LaJeunesse 2011 [5] Schmidt-Roach et al. 2013 [6] Pinzon et al. 2013 [7] Marti-Puig et al. 2014 [8] Schmidt-Roach et al. 2014 [9] Paz-García et al. 2015 [10] Paz-García et al. 2015 [10] Hsu et al. 2014 [11] Baums et al. 2014 [12] Gélin et al. 2017a [13] Gélin et al. 2017b [14] Poquita-Du et al. 2017 [15] Nakajima et al. 2017 [16] Flot and Tillier 2007 [1]
<i>Seriatopora</i>	NC010244-NC010245 EU622126-EU622176 HQ878445-HQ878586 KR150024-KR150046 KX618663 KY987919-KY988112 EF633600-EF633601 (complete mitogenomes)	Chen et al. 2008 [17] Flot et al. 2008 [2] Van Oppen et al. 2011 [18] Warner et al. 2015 [19] Gélin et al. 2017b [14] Sinniger et al. 2017 [20] Chen et al. 2008 [17]
<i>Stylophora</i>	FN674400- FN674440 JN558840- JN558909 NC_011162 (complete mitogenome) EU400214 (complete mitogenome)	Stefani et al. 2011 [21] Flot et al. 2011 [22] Chen et al. 2008 [17] Chen et al. 2008 [17]

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