

**Reference databases used for identifying *E. ancora*-originated contigs from the *E. ancora* holobiont transcriptome assembly**

Category	Organism name	Project name	RefSeq category	RefSeq assembly accession	Reference
Scleractinian corals	<i>Acropora digitifera</i>	Adig_1.1	Genome	GCF_000222465.1	[31, 139]
	<i>Pocillopora damicornis</i>	ASM370409v1	Genome	GCF_003704095.1	[35, 140]
	<i>Stylophora pistillata</i>	<i>Stylophora pistillata</i> v1	Genome	GCF_002571385.1	[34]
	<i>Orbicella faveolata</i>	ofav_dov_v1	Genome	GCF_002042975.1	[141]
Symbiodiniaceae	<i>Symbiodinium</i> sp. A1	GAKY01	Transcriptome	GAKY01000001:GAKY01198297	[142]
	<i>Symbiodinium</i> sp. A2	GBGW01	Transcriptome	GBGW01000001:GBGW01057938	[143]
	<i>Breviolum</i> sp. B2	GBRZ01	Transcriptome	GBRZ01000001:GBRZ01087171	[143]
	<i>Breviolum muscatinei</i>	GFDR03	Transcriptome	GFDR03000001:GFDR03050575	[144]
	Uncultured <i>Cladocopium</i> sp.	IADM01	Transcriptome	IADM01000001:IADM01022773	[145]
	Uncultured <i>Durusdinium</i> sp.	IADN01	Transcriptome	IADN01000001:IADN01023426	[145]