

The Marine Microbial Eukaryote Transcriptome Sequencing Project: Assessing the Functional Diversity of Eukaryotic Life in the Ocean

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Primary endosymbiosis and the evolution of light and oxygen sensing in photosynthetic eukaryotes. <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	2.2	45
2	Alternatives to vitamin B1 uptake revealed with discovery of riboswitches in multiple marine eukaryotic lineages. <i>ISME Journal</i> , 2014, 8, 2517-2529.	9.8	69
3	De novo assembly of <i>Aureococcus anophagefferens</i> transcriptomes reveals diverse responses to the low nutrient and low light conditions present during blooms. <i>Frontiers in Microbiology</i> , 2014, 5, 375.	3.5	52
4	The virion of <i>Cafeteria roenbergensis</i> virus (CroV) contains a complex suite of proteins for transcription and DNA repair. <i>Virology</i> , 2014, 466-467, 82-94.	2.4	41
5	An improved genome of the model marine alga <i>Ostreococcus tauri</i> unfolds by assessing Illumina de novo assemblies. <i>BMC Genomics</i> , 2014, 15, 1103.	2.8	90
6	Primary endosymbiosis: have cyanobacteria and Chlamydiae ever been roommates?. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 291-302.	0.8	23
7	Contrasting patterns in the evolution of the Rab GTPase family in Archaeplastida. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 303-315.	0.8	15
8	A Complex Distribution of Elongation Family GTPases EF1A and EFL in Basal Alveolate Lineages. <i>Genome Biology and Evolution</i> , 2014, 6, 2361-2367.	2.5	7
9	Evolutionary cell biology: Two origins, one objective. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16990-16994.	7.1	108
10	Single-cell transcriptomics for microbial eukaryotes. <i>Current Biology</i> , 2014, 24, R1081-R1082.	3.9	70
11	Nucleomorph Genome Sequences of Two Chlorarachniophytes, <i>Amorphochlora amoebiformis</i> and <i>Lotharella vacuolata</i> . <i>Genome Biology and Evolution</i> , 2015, 7, 1533-1545.	2.5	28
12	Screening Marine Microbial Libraries. , 2015, , 105-134.		1
13	Transcriptome sequencing of three <i>Pseudo-nitzschia</i> species reveals comparable gene sets and the presence of Nitric Oxide Synthase genes in diatoms. <i>Scientific Reports</i> , 2015, 5, 12329.	3.3	58
14	Analysis of the dinoflagellate <i>Prorocentrum minimum</i> transcriptome: Identifying the members of the voltage-gated cation channel superfamily. <i>Cell and Tissue Biology</i> , 2015, 9, 483-492.	0.4	7
15	Insights into transcriptional changes that accompany organelle sequestration from the stolen nucleus of <i>Mesodinium rubrum</i> . <i>BMC Genomics</i> , 2015, 16, 805.	2.8	30
16	An integrative analysis of post-translational histone modifications in the marine diatom <i>Phaeodactylum tricornutum</i> . <i>Genome Biology</i> , 2015, 16, 102.	8.8	107
17	Diversity of nitrogen assimilation pathways among microbial photosynthetic eukaryotes. <i>Journal of Phycology</i> , 2015, 51, 490-506.	2.3	27
18	Prospective function of FtsZ proteins in the secondary plastid of chlorarachniophyte algae. <i>BMC Plant Biology</i> , 2015, 15, 276.	3.6	9

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19	Pack hunting by a common soil amoeba on nematodes. <i>Environmental Microbiology</i> , 2015, 17, 4538-4546.	3.8	93
20	The Road to Metagenomics: From Microbiology to DNA Sequencing Technologies and Bioinformatics. <i>Frontiers in Genetics</i> , 2015, 6, 348.	2.3	252
21	Gene expression in the mixotrophic prymnesiophyte, <i>Prymnesium parvum</i> , responds to prey availability. <i>Frontiers in Microbiology</i> , 2015, 6, 319.	3.5	37
22	Changes in gene expression of <i>Prymnesium parvum</i> induced by nitrogen and phosphorus limitation. <i>Frontiers in Microbiology</i> , 2015, 6, 631.	3.5	46
23	Nitrate Storage and Dissimilatory Nitrate Reduction by Eukaryotic Microbes. <i>Frontiers in Microbiology</i> , 2015, 6, 1492.	3.5	93
24	Genome Sequence and Transcriptome Analyses of <i>Chrysochromulina tobin</i> : Metabolic Tools for Enhanced Algal Fitness in the Prominent Order Prymnesiales (Haptophyceae). <i>PLoS Genetics</i> , 2015, 11, e1005469.	3.5	58
25	Diversity and Evolutionary History of Iron Metabolism Genes in Diatoms. <i>PLoS ONE</i> , 2015, 10, e0129081.	2.5	69
26	Screening for Suitable Reference Genes for Quantitative Real-Time PCR in <i>Heterosigma akashiwo</i> (Raphidophyceae). <i>PLoS ONE</i> , 2015, 10, e0132183.	2.5	24
27	Marine diatom proteorhodopsins and their potential role in coping with low iron availability. <i>ISME Journal</i> , 2015, 9, 2745-2748.	9.8	84
28	Mutation Rates in Plastid Genomes: They Are Lower than You Might Think. <i>Genome Biology and Evolution</i> , 2015, 7, 1227-1234.	2.5	158
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31	Characterisation of the secretome of the clam parasite, QPX. <i>International Journal for Parasitology</i> , 2015, 45, 187-196.	3.1	9
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34	Evolution of alternative biosynthetic pathways for vitamin C following plastid acquisition in photosynthetic eukaryotes. <i>eLife</i> , 2015, 4, .	6.0	140
35	Ocean acidification and marine microorganisms: responses and consequences. <i>Oceanologia</i> , 2015, 57, 349-361.	2.2	66
36	Transcriptome analyses to investigate symbiotic relationships between marine protists. <i>Frontiers in Microbiology</i> , 2015, 6, 98.	3.5	40

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37	Gene fusion, fission, lateral transfer, and loss: Not-so-rare events in the evolution of eukaryotic ATP citrate lyase. <i>Molecular Phylogenetics and Evolution</i> , 2015, 91, 12-16.	2.7	13
38	The past, present and future of mitochondrial genomics: have we sequenced enough mtDNAs?. <i>Briefings in Functional Genomics</i> , 2016, 15, elv027.	2.7	83
39	The upstream regulatory sequence of the light harvesting complex Lhcf2 gene of the marine diatom <i>Phaeodactylum tricornutum</i> enhances transcription in an orientation- and distance-independent fashion. <i>Marine Genomics</i> , 2015, 24, 69-79.	1.1	15
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49	Discovery of PPI-type Phosphoenolpyruvate Carboxykinase Genes in Eukaryotes and Bacteria. <i>Journal of Biological Chemistry</i> , 2015, 290, 23960-23970.	3.4	33
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58	Transcriptomic analysis of cobalt stress in the marine yeast <i>Debaryomyces hansenii</i> . <i>FEMS Yeast Research</i> , 2015, 15, fov099.	2.3	4
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109	Conservation and divergence of the histone code in nucleomorphs. <i>Biology Direct</i> , 2016, 11, 18.	4.6	12

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111	Diversity of transcripts and transcript processing forms in plastids of the dinoflagellate alga <i>Karenia mikimotoi</i> . <i>Plant Molecular Biology</i> , 2016, 90, 233-247.	3.9	21
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129	Discovering Protein-Coding Genes from the Environment: Time for the Eukaryotes?. <i>Trends in Biotechnology</i> , 2017, 35, 824-835.	9.3	18
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137	Iron and vitamin interactions in marine diatom isolates and natural assemblages of the Northeast Pacific Ocean. <i>Limnology and Oceanography</i> , 2017, 62, 2076-2096.	3.1	47
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139	Phytochrome diversification in cyanobacteria and eukaryotic algae. <i>Current Opinion in Plant Biology</i> , 2017, 37, 87-93.	7.1	63
140	X-Cells Are Globally Distributed, Genetically Divergent Fish Parasites Related to Perkinsids and Dinoflagellates. <i>Current Biology</i> , 2017, 27, 1645-1651.e3.	3.9	29
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