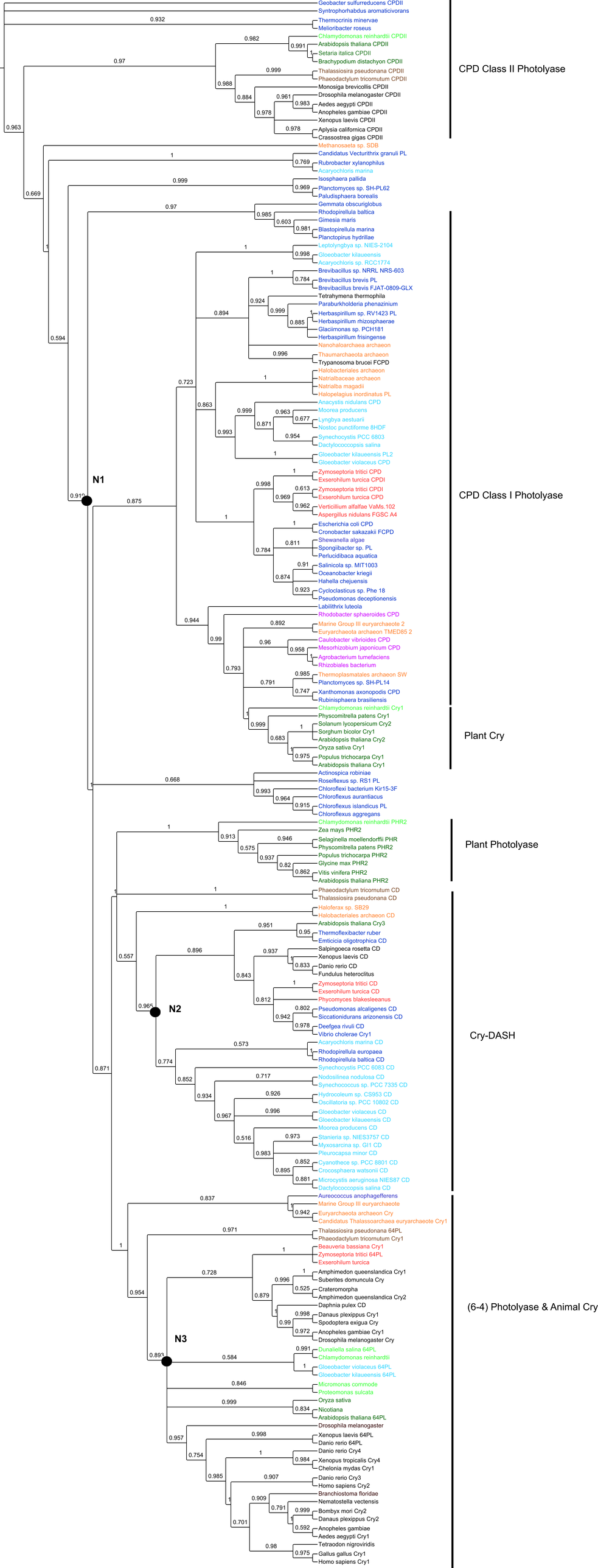
Geobacter sulfurreducens CPDII
Syntrophorhabdus aromaticivorans
Thermocrinis minervae
Melioribacter roseus
Chlamydomonas reinhardtii CPDII
Arabidopsis thaliana CPDII
Setaria italica CPDII
Brachypodium distachyon CPDII
Thalassiosira pseudonana CPDII
Phaeodactylum tricornutum CPDII
Monosiga brevicollis CPDII
Drosophila melanogaster CPDII
Aedes aegypti CPDII
Anopheles gambiae CPDII
Xenopus laevis CPDII
Aplysia californica CPDII
Crassostrea gigas CPDII
Methanosaeta sp. SDB
Candidatus Vecturithrix granuli PL
Rubrobacter xylanophilus
Acaryochloris marina
Isosphaera pallida
Planctomyces sp. SH-PL62
Paludisphaera borealis
Gemmata obscuriglobus
Rhodopirellula baltica
Gimesia maris
Blastopirellula marina
Planctopirus hydrillae
Leptolyngbya sp. NIES-2104
Gloeobacter kilaueensis
Acaryochloris sp. RCC1774
Brevibacillus sp. NRRL NRS-603
Brevibacillus brevis PL
Brevibacillus brevis FJAT-0809-GLX
Tetrahymena thermophila
Paraburkholderia phenazinium
Herbaspirillum sp. RV1423 PL
Herbaspirillum rhizosphaerae
Glaciimonas sp. PCH181
Herbaspirillum frisingense
Nanohaloarchaea archaeon
Thaumarchaeota archaeon
Trypanosoma brucei FCPD
Halobacteriales archaeon
Natrialbaceae archaeon
Natrialba magadii
Halopelagius inordinatus PL
Anacystis nidulans CPD
Moorea producens
Lyngbya aestuarii
Nostoc punctiforme 8HDF
Synechocystis PCC 6803
Dactylococcopsis salina
Gloeobacter kilaueensis PL2
Gloeobacter violaceus CPD
Zymoseptoria tritici CPD
Exserohilum turcica CPDI
Zymoseptoria tritici CPDI
Exserohilum turcica CPD
Verticillium alfalfae VaMs.102
Aspergillus nidulans FGSC A4
Escherichia coli CPD
Cronobacter sakazakii FCPD
Shewanella algae
Spongiibacter sp. PL
Perlucidibaca aquatica
Salinicola sp. MIT1003
Oceanobacter kriegii
Hahella chejuensis
Cycloclasticus sp. Phe 18
Pseudomonas deceptionensis
Labilithrix luteola
Rhodobacter sphaeroides CPD
Marine Group III euryarchaeote 2
Euryarchaeota archaeon TMED85 2
Caulobacter vibrioides CPD
Mesorhizobium japonicum CPD
Agrobacterium tumefaciens
Rhizobiales bacterium
Thermoplasmatales archaeon SW
Planctomyces sp. SH-PL14
Xanthomonas axonopodis CPD
Rubinisphaera brasiliensis
Chlamydomonas reinhardtii Cry1
Physcomitrella patens Cry1
Solanum lycopersicum Cry2
Sorghum bicolor Cry1
Arabidopsis thaliana Cry2
Oryza sativa Cry1
Populus trichocarpa Cry1
Arabidopsis thaliana Cry1
Actinospica robiniae
Roseiflexus sp. RS1 PL
Chloroflexi bacterium Kir15-3F
Chloroflexus aurantiacus
Chloroflexus islandicus PL
Chloroflexus aggregans
Chlamydomonas reinhardtii PHR2
Zea mays PHR2
Selaginella moellendorffii PHR
Physcomitrella patens PHR2
Populus trichocarpa PHR2
Glycine max PHR2
Vitis vinifera PHR2
Arabidopsis thaliana PHR2
Phaeodactylum tricornutum CD
Thalassiosira pseudonana CD
Haloferax sp. SB29
Halobacteriales archaeon CD
Arabidopsis thaliana Cry3
Thermoflexibacter ruber
Emticicia oligotrophica CD
Salpingoeca rosetta CD
Xenopus laevis CD
Danio rerio CD
Fundulus heteroclitus
Zymoseptoria tritici CD
Exserohilum turcica CD
Phycomyces blakesleeanus
Pseudomonas alcaligenes CD
Siccationidurans arizonensis CD
Deefgea rivuli CD
Vibrio cholerae Cry1
Acaryochloris marina CD
Rhodopirellula europaea
Rhodopirellula baltica CD
Synechocystis PCC 6083 CD
Nodosilinea nodulosa CD
Synechococcus sp. PCC 7335 CD
Hydrocoleum sp. CS953 CD
Oscillatoria sp. PCC 10802 CD
Gloeobacter violaceus CD
Gloeobacter kilaueensis CD
Moorea producens CD
Stanieria sp. NIES3757 CD
Myxosarcina sp. GI1 CD
Pleurocapsa minor CD
Cyanothece sp. PCC 8801 CD
Crocosphaera watsonii CD
Microcystis aeruginosa NIES87 CD
Dactylococcopsis salina CD
Aureococcus anophagefferens
Marine Group III euryarchaeote
Euryarchaeota archaeon Cry
Candidatus Thalassoarchaea euryarchaeote Cry1
Thalassiosira pseudonana 64PL
Phaeodactylum tricornutum Cry1
Beauveria bassiana Cry1
Zymoseptoria tritici 64PL
Exserohilum turcica
Amphimedon queenslandica Cry1
Suberites domuncula Cry
Crateromorpha
Amphimedon queenslandica Cry2
Daphnia pulex CD
Danaus plexippus Cry1
Spodoptera exigua Cry
Anopheles gambiae Cry1
Drosophila melanogaster Cry
Dunaliella salina 64PL
Chlamydomonas reinhardtii
Gloeobacter violaceus 64PL
Gloeobacter kilaueensis 64PL
Micromonas commode
Proteomonas sulcata
Oryza sativa
Nicotiana
Arabidopsis thaliana 64PL
Drosophila melanogaster
Xenopus laevis 64PL
Danio rerio 64PL
Danio rerio Cry4
Xenopus tropicalis Cry4
Chelonia mydas Cry1
Danio rerio Cry3
Homo sapiens Cry2
Branchiostoma floridae
Nematostella vectensis
Bombyx mori Cry2
Danaus plexippus Cry2
Anopheles gambiae
Aedes aegypti Cry1
Tetraodon nigroviridis
Gallus gallus Cry1
Homo sapiens Cry1
N1
N2
N3
CPD Class II Photolyase
CPD Class I Photolyase
Plant Cry
Plant Photolyase
Cry-DASH
(6-4) Photolyase & Animal Cry