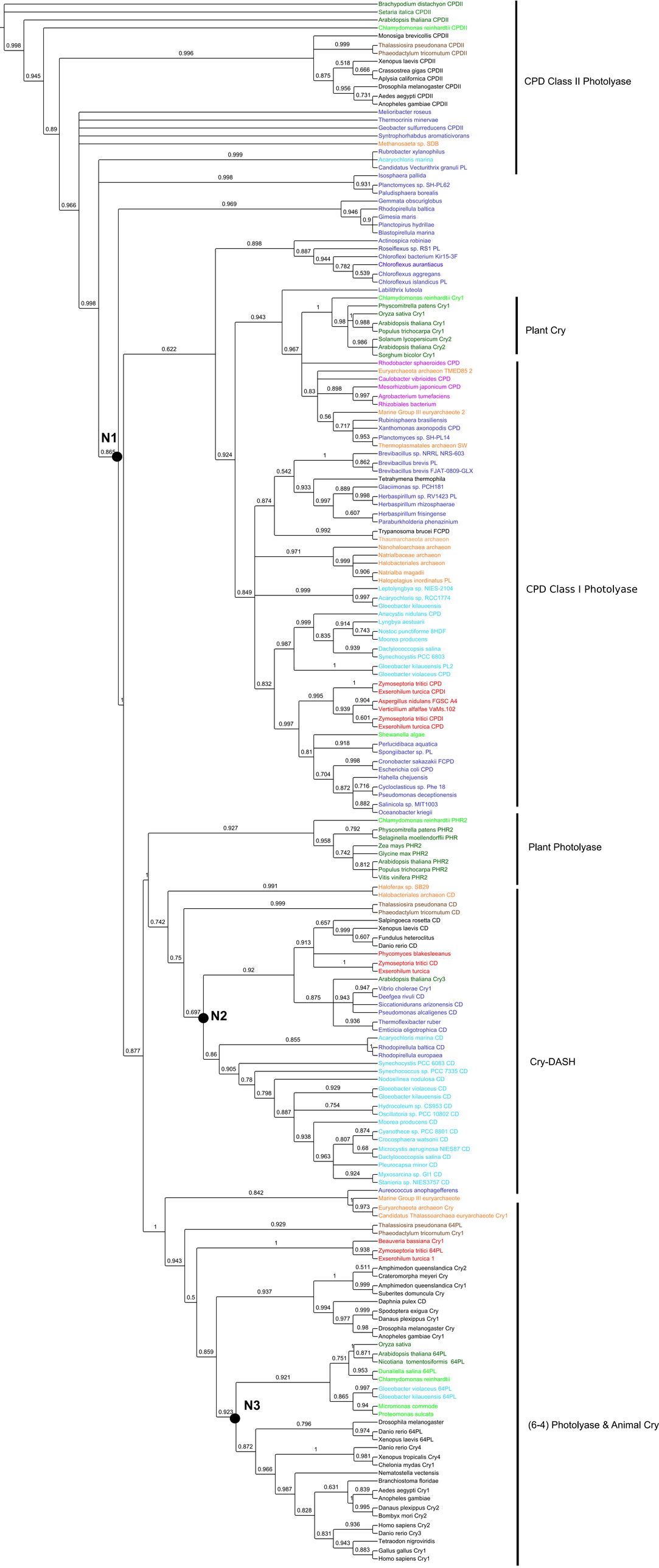
Brachypodium distachyon CPDII
Setaria italica CPDII
Arabidopsis thaliana CPDII
Chlamydomonas reinhardtii CPDII
Monosiga brevicollis CPDII
Thalassiosira pseudonana CPDII
Phaeodactylum tricornutum CPDII
Xenopus laevis CPDII
Crassostrea gigas CPDII
Aplysia californica CPDII
Drosophila melanogaster CPDII
Aedes aegypti CPDII
Anopheles gambiae CPDII
Melioribacter roseus
Thermocrinis minervae
Geobacter sulfurreducens CPDII
Syntrophorhabdus aromaticivorans
Methanosaeta sp. SDB
Rubrobacter xylanophilus
Acaryochloris marina
Candidatus Vecturithrix granuli PL
Isosphaera pallida
Planctomyces sp. SH-PL62
Paludisphaera borealis
Gemmata obscuriglobus
Rhodopirellula baltica
Gimesia maris
Planctopirus hydrillae
Blastopirellula marina
Actinospica robiniae
Roseiflexus sp. RS1 PL
Chloroflexi bacterium Kir15-3F
Chloroflexus aurantiacus
Chloroflexus aggregans
Chloroflexus islandicus PL
Labilithrix luteola
Chlamydomonas reinhardtii Cry1
Physcomitrella patens Cry1
Oryza sativa Cry1
Arabidopsis thaliana Cry1
Populus trichocarpa Cry1
Solanum lycopersicum Cry2
Arabidopsis thaliana Cry2
Sorghum bicolor Cry1
Rhodobacter sphaeroides CPD
Euryarchaeota archaeon TMED85 2
Caulobacter vibrioides CPD
Mesorhizobium japonicum CPD
Agrobacterium tumefaciens
Rhizobiales bacterium
Marine Group III euryarchaeote 2
Rubinisphaera brasiliensis
Xanthomonas axonopodis CPD
Planctomyces sp. SH-PL14
Thermoplasmatales archaeon SW
Brevibacillus sp. NRRL NRS-603
Brevibacillus brevis PL
Brevibacillus brevis FJAT-0809-GLX
Tetrahymena thermophila
Glaciimonas sp. PCH181
Herbaspirillum sp. RV1423 PL
Herbaspirillum rhizosphaerae
Herbaspirillum frisingense
Paraburkholderia phenazinium
Trypanosoma brucei FCPD
Thaumarchaeota archaeon
Nanohaloarchaea archaeon
Natrialbaceae archaeon
Halobacteriales archaeon
Natrialba magadii
Halopelagius inordinatus PL
Leptolyngbya sp. NIES-2104
Acaryochloris sp. RCC1774
Gloeobacter kilaueensis
Anacystis nidulans CPD
Lyngbya aestuarii
Nostoc punctiforme 8HDF
Moorea producens
Dactylococcopsis salina
Synechocystis PCC 6803
Gloeobacter kilaueensis PL2
Gloeobacter violaceus CPD
Zymoseptoria tritici CPD
Exserohilum turcica CPDI
Aspergillus nidulans FGSC A4
Verticillium alfalfae VaMs.102
Zymoseptoria tritici CPDI
Exserohilum turcica CPD
Shewanella algae
Perlucidibaca aquatica
Spongiibacter sp. PL
Cronobacter sakazakii FCPD
Escherichia coli CPD
Hahella chejuensis
Cycloclasticus sp. Phe 18
Pseudomonas deceptionensis
Salinicola sp. MIT1003
Oceanobacter kriegii
Chlamydomonas reinhardtii PHR2
Physcomitrella patens PHR2
Selaginella moellendorffii PHR
Zea mays PHR2
Glycine max PHR2
Arabidopsis thaliana PHR2
Populus trichocarpa PHR2
Vitis vinifera PHR2
Haloferax sp. SB29
Halobacteriales archaeon CD
Thalassiosira pseudonana CD
Phaeodactylum tricornutum CD
Salpingoeca rosetta CD
Xenopus laevis CD
Fundulus heteroclitus
Danio rerio CD
Phycomyces blakesleeanus
Zymoseptoria tritici CD
Exserohilum turcica
Arabidopsis thaliana Cry3
Vibrio cholerae Cry1
Deefgea rivuli CD
Siccationidurans arizonensis CD
Pseudomonas alcaligenes CD
Thermoflexibacter ruber
Emticicia oligotrophica CD
Acaryochloris marina CD
Rhodopirellula baltica CD
Rhodopirellula europaea
Synechocystis PCC 6083 CD
Synechococcus sp. PCC 7335 CD
Nodosilinea nodulosa CD
Gloeobacter violaceus CD
Gloeobacter kilaueensis CD
Hydrocoleum sp. CS953 CD
Oscillatoria sp. PCC 10802 CD
Moorea producens CD
Cyanothece sp. PCC 8801 CD
Crocosphaera watsonii CD
Microcystis aeruginosa NIES87 CD
Dactylococcopsis salina CD
Pleurocapsa minor CD
Myxosarcina sp. GI1 CD
Stanieria sp. NIES3757 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 1
Amphimedon queenslandica Cry2
Crateromorpha meyeri Cry
Amphimedon queenslandica Cry1
Suberites domuncula Cry
Daphnia pulex CD
Spodoptera exigua Cry
Danaus plexippus Cry1
Drosophila melanogaster Cry
Anopheles gambiae Cry1
Oryza sativa
Arabidopsis thaliana 64PL
Nicotiana tomentosiformis 64PL
Dunaliella salina 64PL
Chlamydomonas reinhardtii
Gloeobacter violaceus 64PL
Gloeobacter kilaueensis 64PL
Micromonas commode
Proteomonas sulcata
Drosophila melanogaster
Danio rerio 64PL
Xenopus laevis 64PL
Danio rerio Cry4
Xenopus tropicalis Cry4
Chelonia mydas Cry1
Nematostella vectensis
Branchiostoma floridae
Aedes aegypti Cry1
Anopheles gambiae
Danaus plexippus Cry2
Bombyx mori Cry2
Homo sapiens Cry2
Danio rerio Cry3
Tetraodon nigroviridis
Gallus gallus Cry1
Homo sapiens Cry1
N1
N2
N3
CPD Class II Photolyase
Plant Cry
CPD Class I Photolyase
Plant Photolyase
Cry-DASH
(6-4) Photolyase & Animal Cry