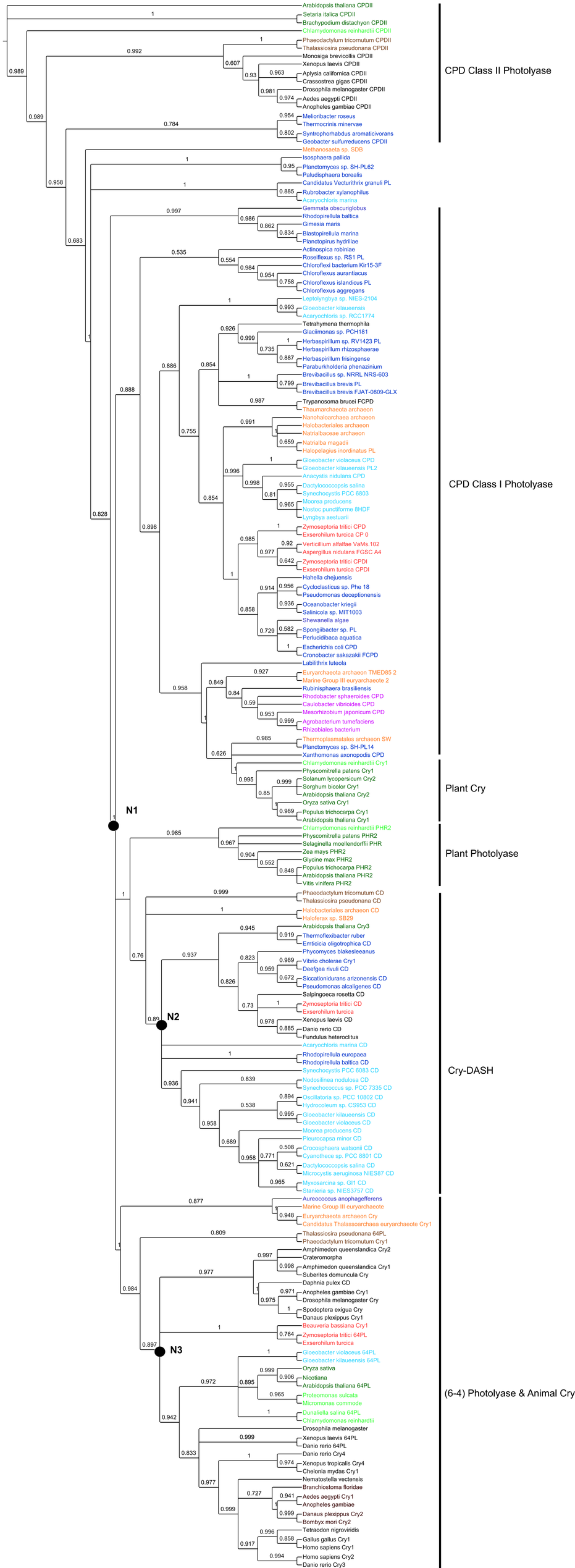
Arabidopsis thaliana CPDII
Setaria italica CPDII
Brachypodium distachyon CPDII
Chlamydomonas reinhardtii CPDII
Phaeodactylum tricornutum CPDII
Thalassiosira pseudonana CPDII
Monosiga brevicollis CPDII
Xenopus laevis CPDII
Aplysia californica CPDII
Crassostrea gigas CPDII
Drosophila melanogaster CPDII
Aedes aegypti CPDII
Anopheles gambiae CPDII
Melioribacter roseus
Thermocrinis minervae
Syntrophorhabdus aromaticivorans
Geobacter sulfurreducens CPDII
CPD Class II Photolyase
Methanosaeta sp. SDB
Isosphaera pallida
Planctomyces sp. SH-PL62
Paludisphaera borealis
Candidatus Vecturithrix granuli PL
Rubrobacter xylanophilus
Acaryochloris marina
Gemmata obscuriglobus
Rhodopirellula baltica
Gimesia maris
Blastopirellula marina
Planctopirus hydrillae
Actinospica robiniae
Roseiflexus sp. RS1 PL
Chloroflexi bacterium Kir15-3F
Chloroflexus aurantiacus
Chloroflexus islandicus PL
Chloroflexus aggregans
Leptolyngbya sp. NIES-2104
Gloeobacter kilaueensis
Acaryochloris sp. RCC1774
Tetrahymena thermophila
Glaciimonas sp. PCH181
Herbaspirillum sp. RV1423 PL
Herbaspirillum rhizosphaerae
Herbaspirillum frisingense
Paraburkholderia phenazinium
Brevibacillus sp. NRRL NRS-603
Brevibacillus brevis PL
Brevibacillus brevis FJAT-0809-GLX
Trypanosoma brucei FCPD
Thaumarchaeota archaeon
Nanohaloarchaea archaeon
Halobacteriales archaeon
Natrialbaceae archaeon
Natrialba magadii
Halopelagius inordinatus PL
Gloeobacter violaceus CPD
Gloeobacter kilaueensis PL2
Anacystis nidulans CPD
Dactylococcopsis salina
Synechocystis PCC 6803
Moorea producens
Nostoc punctiforme 8HDF
Lyngbya aestuarii
Zymoseptoria tritici CPD
Exserohilum turcica CP 0
Verticillium alfalfae VaMs.102
Aspergillus nidulans FGSC A4
Zymoseptoria tritici CPDI
Exserohilum turcica CPDI
Hahella chejuensis
Cycloclasticus sp. Phe 18
Pseudomonas deceptionensis
Oceanobacter kriegii
Salinicola sp. MIT1003
Shewanella algae
Spongiibacter sp. PL
Perlucidibaca aquatica
Escherichia coli CPD
Cronobacter sakazakii FCPD
CPD Class I Photolyase
Labilithrix luteola
Euryarchaeota archaeon TMED85 2
Marine Group III euryarchaeote 2
Rubinisphaera brasiliensis
Rhodobacter sphaeroides CPD
Caulobacter vibrioides CPD
Mesorhizobium japonicum CPD
Agrobacterium tumefaciens
Rhizobiales bacterium
Thermoplasmatales archaeon SW
Planctomyces sp. SH-PL14
Xanthomonas axonopodis CPD
Chlamydomonas reinhardtii Cry1
Physcomitrella patens Cry1
Solanum lycopersicum Cry2
Sorghum bicolor Cry1
Arabidopsis thaliana Cry2
Oryza sativa Cry1
Populus trichocarpa Cry1
Arabidopsis thaliana Cry1
Plant Cry
N1
Chlamydomonas reinhardtii PHR2
Physcomitrella patens PHR2
Selaginella moellendorffii PHR
Zea mays PHR2
Glycine max PHR2
Populus trichocarpa PHR2
Arabidopsis thaliana PHR2
Vitis vinifera PHR2
Plant Photolyase
Phaeodactylum tricornutum CD
Thalassiosira pseudonana CD
Halobacteriales archaeon CD
Haloferax sp. SB29
Arabidopsis thaliana Cry3
Thermoflexibacter ruber
Emticicia oligotrophica CD
Phycomyces blakesleeanus
Vibrio cholerae Cry1
Deefgea rivuli CD
Siccationidurans arizonensis CD
Pseudomonas alcaligenes CD
Salpingoeca rosetta CD
Zymoseptoria tritici CD
Exserohilum turcica
Xenopus laevis CD
Danio rerio CD
Fundulus heteroclitus
Acaryochloris marina CD
N2
Rhodopirellula europaea
Rhodopirellula baltica CD
Synechocystis PCC 6083 CD
Nodosilinea nodulosa CD
Synechococcus sp. PCC 7335 CD
Oscillatoria sp. PCC 10802 CD
Hydrocoleum sp. CS953 CD
Gloeobacter kilaueensis CD
Gloeobacter violaceus CD
Moorea producens CD
Pleurocapsa minor CD
Crocosphaera watsonii CD
Cyanothece sp. PCC 8801 CD
Dactylococcopsis salina CD
Microcystis aeruginosa NIES87 CD
Myxosarcina sp. GI1 CD
Stanieria sp. NIES3757 CD
Cry-DASH
Aureococcus anophagefferens
Marine Group III euryarchaeote
Euryarchaeota archaeon Cry
Candidatus Thalassoarchaea euryarchaeote Cry1
Thalassiosira pseudonana 64PL
Phaeodactylum tricornutum Cry1
Amphimedon queenslandica Cry2
Crateromorpha
Amphimedon queenslandica Cry1
Suberites domuncula Cry
Daphnia pulex CD
Anopheles gambiae Cry1
Drosophila melanogaster Cry
Spodoptera exigua Cry
Danaus plexippus Cry1
Beauveria bassiana Cry1
Zymoseptoria tritici 64PL
Exserohilum turcica
N3
Gloeobacter violaceus 64PL
Gloeobacter kilaueensis 64PL
Oryza sativa
Nicotiana
Arabidopsis thaliana 64PL
Proteomonas sulcata
Micromonas commode
Dunaliella salina 64PL
Chlamydomonas reinhardtii
Drosophila melanogaster
Xenopus laevis 64PL
Danio rerio 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
Tetraodon nigroviridis
Gallus gallus Cry1
Homo sapiens Cry1
Homo sapiens Cry2
Danio rerio Cry3
(6-4) Photolyase & Animal Cry