

## 细菌原位杂交探针目录 (版本V8)

FISH Probe Name	Size	Labeled
Candidatus Nitrososphaera gargensis	50T	Cy3/FITC/HRP/DIG
Chlamydomyces psittaci group including C. felis, C. abortus, and C. caviae	50T	Cy3/FITC/HRP/DIG
Uncultured Tetrasphaera	50T	Cy3/FITC/HRP/DIG
A. fragilis symbiont	50T	Cy3/FITC/HRP/DIG
Acetate-denitrifying cluster	50T	Cy3/FITC/HRP/DIG
Acetate-denitrifying cluster and some members of the Comamonadaceae family	50T	Cy3/FITC/HRP/DIG
Achromobacter xylosoxidans	50T	Cy3/FITC/HRP/DIG
AcI lineage of limnic Actinobacteria	50T	Cy3/FITC/HRP/DIG
Acid mine drainage beta-proteobacterial clones	50T	Cy3/FITC/HRP/DIG
Acid mine drainage clones related to Gallionella ferruginea	50T	Cy3/FITC/HRP/DIG
Acidithiobacillus thiooxidans	50T	Cy3/FITC/HRP/DIG
Acidobacteria	50T	Cy3/FITC/HRP/DIG
Acidobacteria group a, activated sludge clones A22, A34, H3	50T	Cy3/FITC/HRP/DIG
Acidobacteria subdivision 1	50T	Cy3/FITC/HRP/DIG
Acidobacteria, activated sludge clones A22, A34, H3, H44, S6	50T	Cy3/FITC/HRP/DIG
Acidobacterial subgroup 8	50T	Cy3/FITC/HRP/DIG
Acidophilic gamma-Proteobacteria WJ2 and PK51 and some acid mine drainage clones	50T	Cy3/FITC/HRP/DIG
Acidovorax spp.	50T	Cy3/FITC/HRP/DIG
Acinetobacter	50T	Cy3/FITC/HRP/DIG
Actinobacillus actinomycetemcomitans	50T	Cy3/FITC/HRP/DIG
Actinobacteria (high G+C Gram-positive bacteria)	50T	Cy3/FITC/HRP/DIG
Actinobacterial PAO	50T	Cy3/FITC/HRP/DIG
Actinomyces naeslundii	50T	Cy3/FITC/HRP/DIG
Activated sludge clone H7	50T	Cy3/FITC/HRP/DIG
Activated sludge clones H44 and S6, soil clone C105, soil clone 11-25, Antarctic lake ice clone LB3-30	50T	Cy3/FITC/HRP/DIG
Aeromonadaceae	50T	Cy3/FITC/HRP/DIG
Akkermansia muciniphila	50T	Cy3/FITC/HRP/DIG
Alcaligenes defragans	50T	Cy3/FITC/HRP/DIG
Alcaligenes faecalis	50T	Cy3/FITC/HRP/DIG
Alcaligenes latus, activated sludge clones A2, A26b	50T	Cy3/FITC/HRP/DIG
Alcaligenes, Bordetella and close relatives	50T	Cy3/FITC/HRP/DIG
Alexandrium ostenfeldii	50T	Cy3/FITC/HRP/DIG
Alexandrium tamarense (North America)	50T	Cy3/FITC/HRP/DIG
Alexandrium tamarense /Mediterranean clade	50T	Cy3/FITC/HRP/DIG
Alexandrium tamarense /North American clade/Orkney strains	50T	Cy3/FITC/HRP/DIG
Alexandrium tamarense /Western European clade	50T	Cy3/FITC/HRP/DIG
Alexandrium tamarense species complex	50T	Cy3/FITC/HRP/DIG
All ANAMMOX bacteria	50T	Cy3/FITC/HRP/DIG
All Eukarya	50T	Cy3/FITC/HRP/DIG
All Organisms	50T	Cy3/FITC/HRP/DIG
All yeasts	50T	Cy3/FITC/HRP/DIG
Alpha4-subgroup of Proteobacteria	50T	Cy3/FITC/HRP/DIG
Alphaproteobacteria, except of Rickettsiales	50T	Cy3/FITC/HRP/DIG
Alphaproteobacteria, some Deltaproteobacteria, Spirochaetes	50T	Cy3/FITC/HRP/DIG
Alphaproteobacterial clade (all PTB)	50T	Cy3/FITC/HRP/DIG
Alphaproteobacterial SBR9 clone 1 (AY254694)	50T	Cy3/FITC/HRP/DIG
Alteromonas, Colwellia	50T	Cy3/FITC/HRP/DIG
Amaricoccus spp.	50T	Cy3/FITC/HRP/DIG
AMD Dothideomycete fungi	50T	Cy3/FITC/HRP/DIG
anaerobic ammonium-oxidizing bacteria, Candidatus `Brocadia anammoxidans` and Candidatus `Kuenenia stuttgartiensis`	50T	Cy3/FITC/HRP/DIG
anaerobic ammonium-oxidizing bacteria, Candidatus `Brocadia anammoxidans` and Candidatus `Kuenenia stuttgartiensis`	50T	Cy3/FITC/HRP/DIG
Aplasma, acid mine drainage Thermoplasmatales	50T	Cy3/FITC/HRP/DIG

Aquabacterium spp.	50T	Cy3/FITC/HRP/DIG
Aquificales	50T	Cy3/FITC/HRP/DIG
Arcanobacterium pyogenes	50T	Cy3/FITC/HRP/DIG
Archaeoglobales	50T	Cy3/FITC/HRP/DIG
Arcobacter	50T	Cy3/FITC/HRP/DIG
Atopobium cluster	50T	Cy3/FITC/HRP/DIG
Aureobacterium testaceum	50T	Cy3/FITC/HRP/DIG
Azoarcus cluster	50T	Cy3/FITC/HRP/DIG
Azoarcus tolulyticus strains Azoarcus sp. strain pF6	50T	Cy3/FITC/HRP/DIG
Azoarcus-Thauera cluster	50T	Cy3/FITC/HRP/DIG
B. acidifaciens Group 1	50T	Cy3/FITC/HRP/DIG
B. acidifaciens Group 3	50T	Cy3/FITC/HRP/DIG
B. ovatus and B. thetaiotaomicron	50T	Cy3/FITC/HRP/DIG
Bacillus	50T	Cy3/FITC/HRP/DIG
Bacteroidales clone Candidatus Vestibaculum illigatum	50T	Cy3/FITC/HRP/DIG
Bacteroides acidifaciens Group-1	50T	Cy3/FITC/HRP/DIG
Bacteroides acidifaciens Group-2	50T	Cy3/FITC/HRP/DIG
Bacteroides caccae	50T	Cy3/FITC/HRP/DIG
Bacteroides distasonis	50T	Cy3/FITC/HRP/DIG
Bacteroides distasonis (Parabacteroides distasonis)	50T	Cy3/FITC/HRP/DIG
Bacteroides fragilis	50T	Cy3/FITC/HRP/DIG
Bacteroides fragilis group	50T	Cy3/FITC/HRP/DIG
Bacteroides ovatus	50T	Cy3/FITC/HRP/DIG
Bacteroides putredinis (Alistipes putredinis)	50T	Cy3/FITC/HRP/DIG
Bacteroides thetaiotaomicron	50T	Cy3/FITC/HRP/DIG
Bacteroides uniformis	50T	Cy3/FITC/HRP/DIG
Bacteroides vulgatus	50T	Cy3/FITC/HRP/DIG
Bacteroidetes, Francisellaceae, other prokaryotes	50T	Cy3/FITC/HRP/DIG
beta-group of Betaproteobacteria	50T	Cy3/FITC/HRP/DIG
Betaproteobacteria	50T	Cy3/FITC/HRP/DIG
Betaproteobacterial ammonia-oxidizing bacteria	50T	Cy3/FITC/HRP/DIG
Betaproteobacterial Thiobacilli	50T	Cy3/FITC/HRP/DIG
Bifidobacteria	50T	Cy3/FITC/HRP/DIG
Bifidobacterium breve	50T	Cy3/FITC/HRP/DIG
Bio-P enrichment culture clone R1	50T	Cy3/FITC/HRP/DIG
Blastochloris viridis	50T	Cy3/FITC/HRP/DIG
Bordetella spp., Alcaligenes spp.	50T	Cy3/FITC/HRP/DIG
Bplasma, acid mine drainage Thermoplasmatales	50T	Cy3/FITC/HRP/DIG
Brachymonas denitrificans, activated sludge clone A6b	50T	Cy3/FITC/HRP/DIG
Brachyspira aalborgi cluster 1	50T	Cy3/FITC/HRP/DIG
Brachyspira aalborgi clusters 2 and 3	50T	Cy3/FITC/HRP/DIG
Brevibacterium sp. (B. ketoglutamicum)	50T	Cy3/FITC/HRP/DIG
Brevundimonas (Pseudomonas) diminuta, Caulobacter spp., Mycoplasma bullata	50T	Cy3/FITC/HRP/DIG
Burkholderia (Altydidae gut symbionts)	50T	Cy3/FITC/HRP/DIG
Burkholderia cepacia	50T	Cy3/FITC/HRP/DIG
Burkholderia spp.	50T	Cy3/FITC/HRP/DIG
Burkholderia spp., Sutterella spp.	50T	Cy3/FITC/HRP/DIG
Burkholderia vietnamensis, B. cepacia	50T	Cy3/FITC/HRP/DIG
Butyrivibrio fibrisolvens-related clones, phylum Firmicutes	50T	Cy3/FITC/HRP/DIG
C. orbicularis symbiont	50T	Cy3/FITC/HRP/DIG
Caedibacter taeniospiralis	50T	Cy3/FITC/HRP/DIG
Cand. "Anammoxoglobus propionicus"	50T	Cy3/FITC/HRP/DIG
Candida (Torulopsis) glabrata	50T	Cy3/FITC/HRP/DIG
Candida albicans	50T	Cy3/FITC/HRP/DIG
Candida boidinii	50T	Cy3/FITC/HRP/DIG
Candida catenulata	50T	Cy3/FITC/HRP/DIG
Candida intermedia	50T	Cy3/FITC/HRP/DIG
Candida krusei	50T	Cy3/FITC/HRP/DIG
Candida parapsilosis	50T	Cy3/FITC/HRP/DIG
candidate division TM7	50T	Cy3/FITC/HRP/DIG
Candidate phylum "Poribacteria"	50T	Cy3/FITC/HRP/DIG
Candidatus "Brocadia fulgida"	50T	Cy3/FITC/HRP/DIG
Candidatus Accumulibacter phosphatis	50T	Cy3/FITC/HRP/DIG
Candidatus Accumulibacter phosphatis	50T	Cy3/FITC/HRP/DIG

Candidatus Accumulibacter phosphatis (clone R6)	50T	Cy3/FITC/HRP/DIG
Candidatus Accumulibacter phosphatis (clone R6)	50T	Cy3/FITC/HRP/DIG
Candidatus Alvsiomicrobium bavarium	50T	Cy3/FITC/HRP/DIG
Candidatus Alvsiosphaera europaea	50T	Cy3/FITC/HRP/DIG
Candidatus Amoebophilus asiaticus	50T	Cy3/FITC/HRP/DIG
Candidatus Brocadia anammoxidans	50T	Cy3/FITC/HRP/DIG
Candidatus Caedibacter acanthamoebae (endosymbiont of Acanthamoeba polyphaga HN-3)	50T	Cy3/FITC/HRP/DIG
Candidatus capitivii acidiprotistae	50T	Cy3/FITC/HRP/DIG
Candidatus Catenimonas italica	50T	Cy3/FITC/HRP/DIG
Candidatus Cochliophilus cryoturris, symbiont of Cochliopodium minus	50T	Cy3/FITC/HRP/DIG
Candidatus Combothrix italica	50T	Cy3/FITC/HRP/DIG
Candidatus Competibacter phosphatis	50T	Cy3/FITC/HRP/DIG
Candidatus Competibacter phosphatis	50T	Cy3/FITC/HRP/DIG
Candidatus Cyrtobacter zanobii	50T	Cy3/FITC/HRP/DIG
Candidatus Defluviella procrastinata	50T	Cy3/FITC/HRP/DIG
Candidatus Endomicrobium pyrsonymphae	50T	Cy3/FITC/HRP/DIG
Candidatus Endomicrobium trichonymphae	50T	Cy3/FITC/HRP/DIG
Candidatus Gilliamella apicola or Gamma-1 (symbiotic Gammaproteobacteria phylotype in honey bee)	50T	Cy3/FITC/HRP/DIG
Candidatus Kuenenia stuttgartiensis	50T	Cy3/FITC/HRP/DIG
Candidatus Magnospira bakii	50T	Cy3/FITC/HRP/DIG
Candidatus Magnospira bakii	50T	Cy3/FITC/HRP/DIG
Candidatus Microthrix	50T	Cy3/FITC/HRP/DIG
Candidatus Nebulobacter vamunensis	50T	Cy3/FITC/HRP/DIG
Candidatus Paracaedibacter acanthamoebae (endosymbiont of Acanthamoeba sp. IWC9)	50T	Cy3/FITC/HRP/DIG
Candidatus Paracaedibacter symbiosus (endosymbiont of Acanthamoeba sp. IWE39)	50T	Cy3/FITC/HRP/DIG
Candidatus Paraholospira nucleivisitans	50T	Cy3/FITC/HRP/DIG
Candidatus Procabacter sp.	50T	Cy3/FITC/HRP/DIG
Candidatus Rhabdochlamydia porcellionis	50T	Cy3/FITC/HRP/DIG
Candidatus Scalidua brodae	50T	Cy3/FITC/HRP/DIG
Candidatus Scalidua wagneri, Candidatus Scalidua sorokinii	50T	Cy3/FITC/HRP/DIG
Candidatus Snodgrassella alvi or Beta (symbiotic Neisseriaceae phylotype in honey bee)	50T	Cy3/FITC/HRP/DIG
Candidatus Sphaeronema italicum	50T	Cy3/FITC/HRP/DIG
Chlamydia	50T	Cy3/FITC/HRP/DIG
Chlamydia trachomatis	50T	Cy3/FITC/HRP/DIG
Chlamydiaceae	50T	Cy3/FITC/HRP/DIG
Chlamydiales	50T	Cy3/FITC/HRP/DIG
Chlamydophila	50T	Cy3/FITC/HRP/DIG
Chlamydophila pneumoniae	50T	Cy3/FITC/HRP/DIG
Chlamydophila pneumoniae	50T	Cy3/FITC/HRP/DIG
Chlorobium clathratiforme (DSM 5477), strain 4DE and clones 810, 827, 849 Lake Cadagno	50T	Cy3/FITC/HRP/DIG
Chlorobium phaeobacteroides (DSM 266), strain 1VIID7 and clone 366 Lake Cadagno	50T	Cy3/FITC/HRP/DIG
Chloroflexi sponge cluster I	50T	Cy3/FITC/HRP/DIG
Chloroflexus	50T	Cy3/FITC/HRP/DIG
Chlorophyta	50T	Cy3/FITC/HRP/DIG
Chromatium okenii (DSM169) and clone 359, Lake Cadagno	50T	Cy3/FITC/HRP/DIG
clarithromycin resistant Helicobacter pylori	50T	Cy3/FITC/HRP/DIG
clarithromycin resistant Helicobacter pylori	50T	Cy3/FITC/HRP/DIG
clarithromycin resistant Helicobacter pylori	50T	Cy3/FITC/HRP/DIG
Clone MST (from Stearate enrichment)	50T	Cy3/FITC/HRP/DIG
clone MUG28	50T	Cy3/FITC/HRP/DIG
Clone SS LKC22 UB55	50T	Cy3/FITC/HRP/DIG
clone T25 and other clones of a subgroup within the Betaproteobacteria, not clone T19	50T	Cy3/FITC/HRP/DIG
clone T25 and T19 of a subgroup within the Betaproteobacteria	50T	Cy3/FITC/HRP/DIG
clone T28 and T29 of a subgroup within the Alphaproteobacteria	50T	Cy3/FITC/HRP/DIG

clone T28 and T29 of a subgroup within the Alphaproteobacteria, <i>Sphingomonas capsulata</i>	50T	Cy3/FITC/HRP/DIG
Clone T5, micromanipulated from sludge	50T	Cy3/FITC/HRP/DIG
Clones in family Lachnospiraceae, phylum Firmicutes	50T	Cy3/FITC/HRP/DIG
Clones in order Bacteroidales, phylum Bacteroidetes	50T	Cy3/FITC/HRP/DIG
Clones MOL and MLI (from Oleate and Linoleate enrichment, respectively)	50T	Cy3/FITC/HRP/DIG
Clones related to <i>Tetrasphaera jenkinsii</i> , <i>Tetrasphaera australiensis</i> , and <i>Tetrasphaera veronensis</i>	50T	Cy3/FITC/HRP/DIG
Clones TPA, TST, and JA2 (from Palmitate, Stearate, and Oleate enrichments, respectively)	50T	Cy3/FITC/HRP/DIG
closely related to <i>Clostridium stercoararium</i>	50T	Cy3/FITC/HRP/DIG
Clostridiaceae 2	50T	Cy3/FITC/HRP/DIG
Clostridial cluster IX	50T	Cy3/FITC/HRP/DIG
<i>Clostridium butyricum</i> , Elbe river snowapos isolates 9.1, 9.2, 9.4	50T	Cy3/FITC/HRP/DIG
<i>Clostridium saccharogumia</i>	50T	Cy3/FITC/HRP/DIG
<i>Clostridium sporosphaeroides</i> , <i>Ruminococcus bromii</i> , <i>Clostridium leptum</i>	50T	Cy3/FITC/HRP/DIG
<i>Clostridium viride</i> cluster	50T	Cy3/FITC/HRP/DIG
Cluster related to endosymbiont of <i>P. nasuta</i>	50T	Cy3/FITC/HRP/DIG
Cluster related to <i>Methanosaeta concilii</i>	50T	Cy3/FITC/HRP/DIG
cluster TIOS44	50T	Cy3/FITC/HRP/DIG
<i>Collimonas</i> sp.	50T	Cy3/FITC/HRP/DIG
<i>Comamonas</i> spp.	50T	Cy3/FITC/HRP/DIG
<i>Comamonas</i> spp., <i>Acidovorax</i> spp., <i>Hydrogenophaga</i> spp., <i>Aquaspirillum</i> spp.	50T	Cy3/FITC/HRP/DIG
<i>Comamonas testosteroni</i>	50T	Cy3/FITC/HRP/DIG
Coriobacterium group ( <i>Coriobacterium</i> and <i>Collinsella</i> )	50T	Cy3/FITC/HRP/DIG
<i>Cornebacterium glutamicum</i>	50T	Cy3/FITC/HRP/DIG
Crenarchaea	50T	Cy3/FITC/HRP/DIG
<i>Crenothrix polyspora</i>	50T	Cy3/FITC/HRP/DIG
<i>Crenothrix polyspora</i> sequence cluster I	50T	Cy3/FITC/HRP/DIG
<i>Crenothrix polyspora</i> sequence cluster I-II	50T	Cy3/FITC/HRP/DIG
<i>Crenothrix polyspora</i> sequence cluster III-IV	50T	Cy3/FITC/HRP/DIG
<i>Crenothrix polyspora</i> sequence cluster II-IV	50T	Cy3/FITC/HRP/DIG
<i>Criblamvdia sequanensis</i>	50T	Cy3/FITC/HRP/DIG
<i>Cytophaga</i> spp.	50T	Cy3/FITC/HRP/DIG
<i>Defluviococcus vanus</i> -related organisms, cluster 2	50T	Cy3/FITC/HRP/DIG
<i>Defluviicoccus</i> related organisms, cluster III	50T	Cy3/FITC/HRP/DIG
<i>Defluviicoccus</i> related organisms, some cluster IV	50T	Cy3/FITC/HRP/DIG
<i>Defluviicoccus vanus</i> related organisms, some cluster IV	50T	Cy3/FITC/HRP/DIG
Deltaproteobacterial symbiont 1 of <i>Olavius crassitunicatus</i>	50T	Cy3/FITC/HRP/DIG
Deltaproteobacterial symbiont 2 of <i>Olavius crassitunicatus</i>	50T	Cy3/FITC/HRP/DIG
Deltaproteobacterial symbiont 3 of <i>Olavius crassitunicatus</i>	50T	Cy3/FITC/HRP/DIG
Deltaproteobacterial symbiont of <i>Olavius algarvensis</i>	50T	Cy3/FITC/HRP/DIG
<i>Desulfarculus baarsii</i> , <i>Desulfomonile tiedjei</i> , and <i>Syntrophus</i>	50T	Cy3/FITC/HRP/DIG
<i>Desulfobacca acetoxidans</i>	50T	Cy3/FITC/HRP/DIG
<i>Desulfobacter</i> , <i>Desulfobacula</i> , <i>Desulfospira</i> , and <i>Desulfotignum</i>	50T	Cy3/FITC/HRP/DIG
Desulfobacteraceae and other Bacteria	50T	Cy3/FITC/HRP/DIG
Desulfobacterales, Desulfuromonales, Syntrophobacterales, Myxococcales, and other Bacteria	50T	Cy3/FITC/HRP/DIG
<i>Desulfobacterium catecholicum</i> and related strains LacK1 and LacK9	50T	Cy3/FITC/HRP/DIG
<i>Desulfobacterium catecholicum</i> -related strains LacK1, LacK4 and LacK9	50T	Cy3/FITC/HRP/DIG
<i>Desulfobacterium vacuolatum</i> , <i>D. niacini</i> , <i>D. autotrophicum</i>	50T	Cy3/FITC/HRP/DIG
<i>Desulfobotulus sapovorans</i> , <i>Desulfovibrio fairfieldensis</i> , and other Deltaproteobacteria	50T	Cy3/FITC/HRP/DIG
<i>Desulfocapsa thiozymogenes</i>	50T	Cy3/FITC/HRP/DIG
<i>Desulfococcus multivorans</i>	50T	Cy3/FITC/HRP/DIG
<i>Desulfococcus Desulfosarcina/Desulfonema</i>	50T	Cy3/FITC/HRP/DIG
<i>Desulfofrigus</i> , <i>Desulfofaba gelida</i> , <i>Desulfomusa hansenii</i>	50T	Cy3/FITC/HRP/DIG

Desulfomicrobium	50T	Cy3/FITC/HRP/DIG
Desulfomonile-related Lake Cadagno clone 650	50T	Cy3/FITC/HRP/DIG
Desulfomonile-related Lake Cadagno clones 618, 624, 626, and 651	50T	Cy3/FITC/HRP/DIG
Desulfosarcina and many other Desulfobacteraceae	50T	Cy3/FITC/HRP/DIG
Desulfosarcina variabilis	50T	Cy3/FITC/HRP/DIG
Desulfosarcina/Desulfococcus subgroup SEEP-SRB1a (ANME-2 partner)	50T	Cy3/FITC/HRP/DIG
Desulfosarcina/Desulfococcus subgroup SEEP-SRB1f	50T	Cy3/FITC/HRP/DIG
Desulfotomaculum cluster I and other Firmicutes	50T	Cy3/FITC/HRP/DIG
Desulfotomaculum subcluster 1h (Pelotomaculum and Cryotanaerobacter)	50T	Cy3/FITC/HRP/DIG
Desulfovibrio acrylicus	50T	Cy3/FITC/HRP/DIG
Desulfovibrio aestuarii	50T	Cy3/FITC/HRP/DIG
Desulfovibrio strain EtOHK2	50T	Cy3/FITC/HRP/DIG
Desulfovibrio strain EtOHK3	50T	Cy3/FITC/HRP/DIG
Desulfovibrio strain L3	50T	Cy3/FITC/HRP/DIG
Desulfovibrio strain L7	50T	Cy3/FITC/HRP/DIG
Desulfuromonas spp., Pelobacter spp.	50T	Cy3/FITC/HRP/DIG
Devosia riboflavina and relatives	50T	Cy3/FITC/HRP/DIG
Dictyocoela (microsporidia)	50T	Cy3/FITC/HRP/DIG
Dinenympha sp. HsDnA	50T	Cy3/FITC/HRP/DIG
Dinoflagellates Dinophyceae	50T	Cy3/FITC/HRP/DIG
ectosymbiotic spirochetes on Devescovina sp. and Stephanonympha sp.	50T	Cy3/FITC/HRP/DIG
ectosymbiotic spirochetes on Devescovina sp. and Stephanonympha sp.	50T	Cy3/FITC/HRP/DIG
ectosymbiotic spirochetes on Devescovina sp. and Stephanonympha sp.	50T	Cy3/FITC/HRP/DIG
ectosymbiotic spirochetes on Oxymonas sp. and Stephanonympha sp.	50T	Cy3/FITC/HRP/DIG
ectosymbiotic spirochetes on Oxymonas sp. and Stephanonympha sp.	50T	Cy3/FITC/HRP/DIG
Eikelboom type 0092 Chloroflexi	50T	Cy3/FITC/HRP/DIG
Eikelboom type 021N group I	50T	Cy3/FITC/HRP/DIG
Eikelboom type 021N group II	50T	Cy3/FITC/HRP/DIG
Eikelboom type 021N group III	50T	Cy3/FITC/HRP/DIG
Eikelboom type 021N strain II-26	50T	Cy3/FITC/HRP/DIG
Eikelboom type 0914 Chloroflexi	50T	Cy3/FITC/HRP/DIG
Endomicrobia HsTc-1	50T	Cy3/FITC/HRP/DIG
Endomicrobia phylotype KfJe-1	50T	Cy3/FITC/HRP/DIG
Endomicrobia phylotype NcDv-1	50T	Cy3/FITC/HRP/DIG
Endomicrobia phylotypes ZnTc-1, HsTc-1, RsTG1	50T	Cy3/FITC/HRP/DIG
Endosymbiont type A of Lamellibrachia anaximandri (Marsili seamount)	50T	Cy3/FITC/HRP/DIG
Endosymbiont type B of Lamellibrachia anaximandri (Marsili seamount)	50T	Cy3/FITC/HRP/DIG
Enterobacteriaceae	50T	Cy3/FITC/HRP/DIG
Enterobacteriaceae	50T	Cy3/FITC/HRP/DIG
Enterobacteriaceae except Proteus spp.	50T	Cy3/FITC/HRP/DIG
Enterococcus faecalis FAIR E 92	50T	Cy3/FITC/HRP/DIG
Epsilonproteobacteria	50T	Cy3/FITC/HRP/DIG
Epsilonproteobacterial group I from Lower Kane Cave	50T	Cy3/FITC/HRP/DIG
Epsilonproteobacterial group II from Lower Kane Cave	50T	Cy3/FITC/HRP/DIG
Escherichia coli	50T	Cy3/FITC/HRP/DIG
Escherichia coli BJ4	50T	Cy3/FITC/HRP/DIG
Eubacteria	50T	Cy3/FITC/HRP/DIG
Eubacterium barkeri	50T	Cy3/FITC/HRP/DIG
Eubacterium bifforme	50T	Cy3/FITC/HRP/DIG
Eubacterium contortum	50T	Cy3/FITC/HRP/DIG
Eubacterium cylindroides	50T	Cy3/FITC/HRP/DIG
Eubacterium cylindroides	50T	Cy3/FITC/HRP/DIG
Eubacterium cylindroides, Clostridium innocuum, Eubacterium bifforme, Eubacterium tortuosum, Eubacterium dolichum, Streptococcus pleomorphus	50T	Cy3/FITC/HRP/DIG

Eubacterium desmolans species	50T	Cy3/FITC/HRP/DIG
Eubacterium dolichum	50T	Cy3/FITC/HRP/DIG
Eubacterium hadrum (Anaerostipes hadrus)	50T	Cy3/FITC/HRP/DIG
Eubacterium hallii, Clostridium herbivorans, Clostridium nolsaccharolyticum	50T	Cy3/FITC/HRP/DIG
Eubacterium lentum	50T	Cy3/FITC/HRP/DIG
Eubacterium limosum E. callanderi	50T	Cy3/FITC/HRP/DIG
Eubacterium moniliforme	50T	Cy3/FITC/HRP/DIG
Eubacterium rectale	50T	Cy3/FITC/HRP/DIG
Eubacterium rectale	50T	Cy3/FITC/HRP/DIG
Eubacterium tortuosum	50T	Cy3/FITC/HRP/DIG
Eubacterium tortuosum	50T	Cy3/FITC/HRP/DIG
Eubacterium ventriosum	50T	Cy3/FITC/HRP/DIG
Eukarva	50T	Cy3/FITC/HRP/DIG
Euplotes crassus	50T	Cy3/FITC/HRP/DIG
Euplotes minuta	50T	Cy3/FITC/HRP/DIG
Euplotes vannus	50T	Cy3/FITC/HRP/DIG
Eurotiomycetes, including AMD fungi	50T	Cy3/FITC/HRP/DIG
Eurvarchaea	50T	Cy3/FITC/HRP/DIG
Faecalibacterium and relatives	50T	Cy3/FITC/HRP/DIG
Faecalibacterium (Fusobacterium) prausnitzii and relatives	50T	Cy3/FITC/HRP/DIG
Few Desulfobacteraceae	50T	Cy3/FITC/HRP/DIG
Few Desulfobulbaceae	50T	Cy3/FITC/HRP/DIG
Few Desulfocapsa	50T	Cy3/FITC/HRP/DIG
Few Desulfocapsa including strain LacK10	50T	Cy3/FITC/HRP/DIG
Few Desulfovibrionaceae, Desulfohalobiaceae, and Desulfonatronumaceae	50T	Cy3/FITC/HRP/DIG
Fibrobacter	50T	Cy3/FITC/HRP/DIG
Filamentous Alphaproteobacteria	50T	Cy3/FITC/HRP/DIG
Filamentous Alphaproteobacteria	50T	Cy3/FITC/HRP/DIG
filamentous bacterium Eikelboom Type 1851	50T	Cy3/FITC/HRP/DIG
Filamentous Chloroflexi	50T	Cy3/FITC/HRP/DIG
filaments from hydrothermal vents near White Point	50T	Cy3/FITC/HRP/DIG
Firm-5 (symbiotic Firmicutes phylotype in honey bee)	50T	Cy3/FITC/HRP/DIG
Firmicutes (Gram-positive bacteria with low G+C content)	50T	Cy3/FITC/HRP/DIG
Firmicutes (Gram-positive bacteria with low G+C content)	50T	Cy3/FITC/HRP/DIG
Firmicutes (Gram-positive bacteria with low G+C content)	50T	Cy3/FITC/HRP/DIG
Firmicutes (Low G+C gram-positive bacteria)	50T	Cy3/FITC/HRP/DIG
Firmicutes (low G+C Gram-positives)	50T	Cy3/FITC/HRP/DIG
Flavobacterium ferrugineum	50T	Cy3/FITC/HRP/DIG
Flavobacterium ferrugineum, Flexibacter elegans, F. sancti	50T	Cy3/FITC/HRP/DIG
Flavobacterium isolate 8	50T	Cy3/FITC/HRP/DIG
Frasassi Beggiatoa clade	50T	Cy3/FITC/HRP/DIG
Fusobacterium nucleatum,	50T	Cy3/FITC/HRP/DIG
Fusobacterium spp.	50T	Cy3/FITC/HRP/DIG
G. fermentans and relatives (no LKC clones)	50T	Cy3/FITC/HRP/DIG
Gallibacterium	50T	Cy3/FITC/HRP/DIG
Gammaproteobacteria	50T	Cy3/FITC/HRP/DIG
Gammaproteobacterial symbiont of Inanidrilus leukodermatus	50T	Cy3/FITC/HRP/DIG
Gammaproteobacterial symbiont of Olavius tantalus	50T	Cy3/FITC/HRP/DIG
Gammaproteobacterial, sulfur-oxidizing symbiont of Olavius algarvensis	50T	Cy3/FITC/HRP/DIG
Genus Bdellovibrio	50T	Cy3/FITC/HRP/DIG
genus Candidatus Scalindua	50T	Cy3/FITC/HRP/DIG
Genus Curvibacter	50T	Cy3/FITC/HRP/DIG
Genus Desulfurella	50T	Cy3/FITC/HRP/DIG
Genus Listeria, Bacillus thermosphacta, Bacillus campestris	50T	Cy3/FITC/HRP/DIG
genus Lyticum	50T	Cy3/FITC/HRP/DIG
genus Methanosarcina	50T	Cy3/FITC/HRP/DIG
genus Methanosarcina	50T	Cy3/FITC/HRP/DIG
genus Nitrospira	50T	Cy3/FITC/HRP/DIG
genus Paracoccus	50T	Cy3/FITC/HRP/DIG
Genus Pirellula	50T	Cy3/FITC/HRP/DIG
Genus Pseudoalteromonas	50T	Cy3/FITC/HRP/DIG
Genus Shewanella	50T	Cy3/FITC/HRP/DIG

Genus Vibrio	50T	Cy3/FITC/HRP/DIG
Geodermatophilus/Blastococcus group	50T	Cy3/FITC/HRP/DIG
Geotrichum sp.	50T	Cy3/FITC/HRP/DIG
Glaciecola punicea	50T	Cy3/FITC/HRP/DIG
Glaciecola sp. strain GVstr214.6	50T	Cy3/FITC/HRP/DIG
Glaucoma scintillans	50T	Cy3/FITC/HRP/DIG
Gordona amarae	50T	Cy3/FITC/HRP/DIG
Gordona sp. SMKN27, Gordona sp. SMKN12, Gordona sp. SMKN17, Gordona sp. SMKN14. (nocardioform actinomycetes)	50T	Cy3/FITC/HRP/DIG
Gordona sp. SMKN29, Gordona sp. SMKN15, (nocardioform actinomycetes)	50T	Cy3/FITC/HRP/DIG
Gordonia or Gordona	50T	Cy3/FITC/HRP/DIG
Gplasma. acid mine drainage Thermoplasmatales	50T	Cy3/FITC/HRP/DIG
green nonsulfur clones MUG9, TUG8, TUG9, TUG10	50T	Cy3/FITC/HRP/DIG
green sulfur bacteria, Chlorobiaceae	50T	Cy3/FITC/HRP/DIG
green sulfur bacteria, Chlorobiaceae	50T	Cy3/FITC/HRP/DIG
Grocilibacteraceae	50T	Cy3/FITC/HRP/DIG
Group 1 Thiomonas species	50T	Cy3/FITC/HRP/DIG
Group 2 Thiomonas species	50T	Cy3/FITC/HRP/DIG
Haemophilus influenzae	50T	Cy3/FITC/HRP/DIG
Haliscomenobacter hydrossis	50T	Cy3/FITC/HRP/DIG
Halothiobacillus neapolitanus	50T	Cy3/FITC/HRP/DIG
Helicobacter ganmani	50T	Cy3/FITC/HRP/DIG
Helicobacter hepaticus	50T	Cy3/FITC/HRP/DIG
Helicobacter pylori	50T	Cy3/FITC/HRP/DIG
Helicobacter pylori (clarithromycin sensitive)	50T	Cy3/FITC/HRP/DIG
Helicobacter sp., Wolinella sp.	50T	Cy3/FITC/HRP/DIG
Heterolobosea	50T	Cy3/FITC/HRP/DIG
Hydrogenophaga spp.	50T	Cy3/FITC/HRP/DIG
Hypomicrobium	50T	Cy3/FITC/HRP/DIG
Hypomicrobium spp., activated sludge clones A7b, A39	50T	Cy3/FITC/HRP/DIG
Hypomicrobium vulgare	50T	Cy3/FITC/HRP/DIG
Incertae Sedis XI	50T	Cy3/FITC/HRP/DIG
Ioenia sp. KfJeA of K. flavicollis	50T	Cy3/FITC/HRP/DIG
IP13.1 group (Erythrobacter)	50T	Cy3/FITC/HRP/DIG
IP66.1 group (Phyllobacterium)	50T	Cy3/FITC/HRP/DIG
IP7.1 group (marine alpha cluster)	50T	Cy3/FITC/HRP/DIG
Kinetoplastida	50T	Cy3/FITC/HRP/DIG
Klebsiella pneumoniae	50T	Cy3/FITC/HRP/DIG
KT0202a (Roseobacter lineage isolate)	50T	Cy3/FITC/HRP/DIG
KT0917 (Roseobacter lineage isolate)	50T	Cy3/FITC/HRP/DIG
KT1117 (Roseobacter lineage isolate)	50T	Cy3/FITC/HRP/DIG
L. lacteus symbiont	50T	Cy3/FITC/HRP/DIG
Lachnospira multipara, Eubacterium eligens, Lachnospira nectinoschiza	50T	Cy3/FITC/HRP/DIG
Lachnospiraceae	50T	Cy3/FITC/HRP/DIG
Lachnospiraceae OTU 11021	50T	Cy3/FITC/HRP/DIG
Lachnospiraceae OTU 9468	50T	Cy3/FITC/HRP/DIG
Lachnospiraceae OTU 9468	50T	Cy3/FITC/HRP/DIG
Lactobacilli Enterococci	50T	Cy3/FITC/HRP/DIG
Lactobacillus acidophilus (cluster A1)	50T	Cy3/FITC/HRP/DIG
Lactobacillus brevis	50T	Cy3/FITC/HRP/DIG
Lactobacillus casei, Lactobacillus paracasei	50T	Cy3/FITC/HRP/DIG
Lactobacillus collinoides	50T	Cy3/FITC/HRP/DIG
Lactobacillus corviformis	50T	Cy3/FITC/HRP/DIG
Lactobacillus delbrueckii subsp.	50T	Cy3/FITC/HRP/DIG
Lactobacillus farciminis	50T	Cy3/FITC/HRP/DIG
Lactobacillus gasseri (cluster B1)	50T	Cy3/FITC/HRP/DIG
Lactobacillus hilgardii	50T	Cy3/FITC/HRP/DIG
Lactobacillus johnsonii (cluster B2)	50T	Cy3/FITC/HRP/DIG
Lactobacillus mali	50T	Cy3/FITC/HRP/DIG
Lactobacillus plantarum 423	50T	Cy3/FITC/HRP/DIG
Lactobacillus reuteri	50T	Cy3/FITC/HRP/DIG
Lactobacillus salivarius 241	50T	Cy3/FITC/HRP/DIG
Lactobacillus taiwanensis - L. johnsonii - L. gasseri group	50T	Cy3/FITC/HRP/DIG

Lactobacillus zeae, Lactobacillus casei	50T	Cy3/FITC/HRP/DIG
Lactococcus spp.	50T	Cy3/FITC/HRP/DIG
Lamprocystis - related bacteria (clones 335, 371 and strain cad16, Lake Cadagno)	50T	Cy3/FITC/HRP/DIG
Lamprocystis purpurea (DSM4197), strain A12 3 and clone 345, Lake Cadagno.	50T	Cy3/FITC/HRP/DIG
Lamprocystis roseopersicina (DSM229) and clone 136, Lake Cadagno	50T	Cy3/FITC/HRP/DIG
Lamprocystis-related bacteria (strain D21 and clone 261, Lake Cadagno)	50T	Cy3/FITC/HRP/DIG
Lawsonia intracellularis	50T	Cy3/FITC/HRP/DIG
Legionella	50T	Cy3/FITC/HRP/DIG
Legionella pneumophila	50T	Cy3/FITC/HRP/DIG
Legionellaceae	50T	Cy3/FITC/HRP/DIG
Leptospirillum ferriphilum 5-way CG	50T	Cy3/FITC/HRP/DIG
Leptospirillum rubarum UBA	50T	Cy3/FITC/HRP/DIG
Leptothrix discophora	50T	Cy3/FITC/HRP/DIG
Leptothrix ochracea	50T	Cy3/FITC/HRP/DIG
Leucothrix mucor	50T	Cy3/FITC/HRP/DIG
Listeria monocytogenes	50T	Cy3/FITC/HRP/DIG
Listeria spp., except L. gravi	50T	Cy3/FITC/HRP/DIG
LS IKC21 kan1	50T	Cy3/FITC/HRP/DIG
Lyticum flagellatum	50T	Cy3/FITC/HRP/DIG
Lyticum sinuosum	50T	Cy3/FITC/HRP/DIG
Macrorhabdus ornithogaster	50T	Cy3/FITC/HRP/DIG
Many Desulfotomaculum cluster I and other Firmicutes	50T	Cy3/FITC/HRP/DIG
Marine alpha cluster	50T	Cy3/FITC/HRP/DIG
marine uncultured Flavobacteria clade VIS1	50T	Cy3/FITC/HRP/DIG
marine uncultured Flavobacteria clade VIS2	50T	Cy3/FITC/HRP/DIG
marine uncultured Flavobacteria clade VIS3	50T	Cy3/FITC/HRP/DIG
marine uncultured Flavobacteria clade VIS4	50T	Cy3/FITC/HRP/DIG
marine uncultured Flavobacteria clade VIS5	50T	Cy3/FITC/HRP/DIG
marine uncultured Flavobacteria clade VIS6	50T	Cy3/FITC/HRP/DIG
Marinobacter sp. strain IC022 group	50T	Cy3/FITC/HRP/DIG
mealvbug betaproteobacterial endosymbionts	50T	Cy3/FITC/HRP/DIG
Meiothermus sp.	50T	Cy3/FITC/HRP/DIG
Members of the Clostridium leptum subgroup	50T	Cy3/FITC/HRP/DIG
Members of the genus Desulfovibrio	50T	Cy3/FITC/HRP/DIG
Members of the Ruminococcus callidus species	50T	Cy3/FITC/HRP/DIG
Methanobacteriales	50T	Cy3/FITC/HRP/DIG
Methanobacteriales (minus Methanothermus)	50T	Cy3/FITC/HRP/DIG
Methanobacterium spp., Methanobrevibacter spp., Methanosphaera spp.	50T	Cy3/FITC/HRP/DIG
Methanocaldococcaceae	50T	Cy3/FITC/HRP/DIG
Methanocaldococcaceae(+some Methanococcaceae)	50T	Cy3/FITC/HRP/DIG
Methanococcaceae	50T	Cy3/FITC/HRP/DIG
Methanococcus spp.	50T	Cy3/FITC/HRP/DIG
Methanol-utilizing denitrifying cluster	50T	Cy3/FITC/HRP/DIG
Methanol-utilizing denitrifying cluster group A closely related to the obligate methylotrophs Methylobacillus and Methylophilus in the order Methylophilales	50T	Cy3/FITC/HRP/DIG
Methanomicrobiales group and VAL 47, VAL 1, VAL9, VAL78 clones	50T	Cy3/FITC/HRP/DIG
Methanosaeta spp.	50T	Cy3/FITC/HRP/DIG
Methanosaetaceae	50T	Cy3/FITC/HRP/DIG
Methanosaetaceae subgroup	50T	Cy3/FITC/HRP/DIG
Methanosarcina	50T	Cy3/FITC/HRP/DIG
Methanosarcina frisius, Methanosarcina spp., Methanosarcina acidovorans, Methanosarcina thermophila, Methanosarcina barkeri, Methanohalophilus mahii, Methanophilus sp.	50T	Cy3/FITC/HRP/DIG
Methanosarcina spp., Methanococcoides spp., Methanolobus spp., Methanohalophilus spp.	50T	Cy3/FITC/HRP/DIG
Methanosarcina spp., Methanococcoides spp., Methanolobus spp., Methanohalophilus spp., Methanosaeta spp.	50T	Cy3/FITC/HRP/DIG
Methanosarcina, Methanococcoides, Methanolobus	50T	Cy3/FITC/HRP/DIG



Methanosarcina, Methanosaeta, Methanomicrobiales groups and VAL 47 VAI 1 VAI9 VAI78 clones	50T	Cy3/FITC/HRP/DIG
Methanosarcinales (all Methanosarcina and Methanosaeta)	50T	Cy3/FITC/HRP/DIG
Methanotrophic symbiont of Sphagnum mosses	50T	Cy3/FITC/HRP/DIG
Methanotrophic symbiont of Sphagnum mosses	50T	Cy3/FITC/HRP/DIG
Methylobacter spp., Methylomonas spp.	50T	Cy3/FITC/HRP/DIG
Methylobacterium	50T	Cy3/FITC/HRP/DIG
Methylocapsa acidiphila	50T	Cy3/FITC/HRP/DIG
Methylococcus spp.	50T	Cy3/FITC/HRP/DIG
Methylocystis	50T	Cy3/FITC/HRP/DIG
Methylochromium	50T	Cy3/FITC/HRP/DIG
Methylophaga	50T	Cy3/FITC/HRP/DIG
Methylophaga marina	50T	Cy3/FITC/HRP/DIG
Methylophilus	50T	Cy3/FITC/HRP/DIG
Methylosinus sporium	50T	Cy3/FITC/HRP/DIG
Methylosinus trichosporium	50T	Cy3/FITC/HRP/DIG
Modestobacter genus	50T	Cy3/FITC/HRP/DIG
Mollicutes	50T	Cy3/FITC/HRP/DIG
Most Bacteria	50T	Cy3/FITC/HRP/DIG
Most Bacteroidaceae and Prevotellaceae, some Porphyromonadaceae	50T	Cy3/FITC/HRP/DIG
Most Chlorophyta, some Non-Chlorophyta	50T	Cy3/FITC/HRP/DIG
Most Crenarchaeota	50T	Cy3/FITC/HRP/DIG
Most Deltaproteobacteria and Most Gemmatimonadetes	50T	Cy3/FITC/HRP/DIG
Most Desulfobacter	50T	Cy3/FITC/HRP/DIG
Most Desulfobacteraceae and Syntrophobacteraceae	50T	Cy3/FITC/HRP/DIG
Most Desulfobacterales and Syntrophobacterales	50T	Cy3/FITC/HRP/DIG
Most Desulfobulbaceae and Thermodesulfobacter	50T	Cy3/FITC/HRP/DIG
Most Desulfomicrobium	50T	Cy3/FITC/HRP/DIG
Most Desulfovibrionales (excluding Lawsonia) and many Desulfuromonales	50T	Cy3/FITC/HRP/DIG
Most Desulfovibrionales and other Bacteria	50T	Cy3/FITC/HRP/DIG
Most environmental Crenarchaeota	50T	Cy3/FITC/HRP/DIG
Most Euryarchaeota	50T	Cy3/FITC/HRP/DIG
Most Flavobacteria	50T	Cy3/FITC/HRP/DIG
Most Flavobacteria, some Bacteroidetes, some Sphingobacteria	50T	Cy3/FITC/HRP/DIG
Most Fusobacterium sp.	50T	Cy3/FITC/HRP/DIG
Most halophilic and halotolerant Nitrosomonas spp.	50T	Cy3/FITC/HRP/DIG
Most members of the Candidatus Accumulibacter cluster	50T	Cy3/FITC/HRP/DIG
Most members of the class Bacteroidetes, some Flavobacteria and Sphingobacteria	50T	Cy3/FITC/HRP/DIG
Most members of the genus Tannerella and the genus Prevotella of the class Bacteroidetes	50T	Cy3/FITC/HRP/DIG
Most members of the phylum Nitrospirae	50T	Cy3/FITC/HRP/DIG
Most members of the Zoogloea lineage, not Z. resiniphila	50T	Cy3/FITC/HRP/DIG
Most Methanomicrobiales	50T	Cy3/FITC/HRP/DIG
Most Non-Chlorophyta, some Chlorophyta (Chromista)	50T	Cy3/FITC/HRP/DIG
Most of Caldicellulosiruptor sp.	50T	Cy3/FITC/HRP/DIG
Most of the Clostridium coccoides-Eubacterium rectale group (Clostridium cluster XIVa and XIVb)	50T	Cy3/FITC/HRP/DIG
Most of the Clostridium histolyticum group (Clostridium cluster I and II)	50T	Cy3/FITC/HRP/DIG
Most of Thermoanaerobacterium sp.	50T	Cy3/FITC/HRP/DIG
Most Spartobacteria and uncultured relatives	50T	Cy3/FITC/HRP/DIG
Most Streptococcus spp. and some Lactococcus spp.	50T	Cy3/FITC/HRP/DIG
Most Thermodesulfobacterium and some Magnetobacterium	50T	Cy3/FITC/HRP/DIG
Most true Pseudomonas spp.	50T	Cy3/FITC/HRP/DIG
Most Saprospiraceae family	50T	Cy3/FITC/HRP/DIG
Mouse intestinal bacteria	50T	Cy3/FITC/HRP/DIG
Mucispirillum spp.	50T	Cy3/FITC/HRP/DIG
Mycobacterium complex	50T	Cy3/FITC/HRP/DIG
Mycobacterium sp. SMKN23, Mycobacterium sp. SMKN22, (nocardioform actinomycetes)	50T	Cy3/FITC/HRP/DIG

Mycobacterium subdivision (mycolic acid-containing actinomycetes)	50T	Cy3/FITC/HRP/DIG
Naegleria spp.	50T	Cy3/FITC/HRP/DIG
Nevskia clones N02 and N011	50T	Cy3/FITC/HRP/DIG
Nevskia clones N02 and N011, Mycoplana bullata, Brevundimonas diminuta	50T	Cy3/FITC/HRP/DIG
Nevskia ramosa and relatives	50T	Cy3/FITC/HRP/DIG
Nevskia ramosa clone N022	50T	Cy3/FITC/HRP/DIG
Nitrobacter spp.	50T	Cy3/FITC/HRP/DIG
Nitrococcus mobilis	50T	Cy3/FITC/HRP/DIG
Nitrolancetus hollandicus	50T	Cy3/FITC/HRP/DIG
Nitrosococcus mobilis (Nitrosomonas) lineage	50T	Cy3/FITC/HRP/DIG
Nitrosococcus oceani, Nitrosococcus halophilus	50T	Cy3/FITC/HRP/DIG
Nitrosomonas crvotolerans	50T	Cy3/FITC/HRP/DIG
Nitrosomonas europea, N. halophila, N. eutropha, Kraftisried-Isolat Nm103	50T	Cy3/FITC/HRP/DIG
Nitrosomonas marina-like ammonia-oxidizing bacteria	50T	Cy3/FITC/HRP/DIG
Nitrosomonas marina-related clones	50T	Cy3/FITC/HRP/DIG
Nitrosomonas oligotropha lineage (Cluster 6a)	50T	Cy3/FITC/HRP/DIG
Nitrosomonas oligotropha-lineage	50T	Cy3/FITC/HRP/DIG
Nitrosomonas sp. Nm143-related clones	50T	Cy3/FITC/HRP/DIG
Nitrosomonas spp., Nitrosococcus mobilis	50T	Cy3/FITC/HRP/DIG
Nitrosospora spp.	50T	Cy3/FITC/HRP/DIG
Nitrosospora tenuis-like ammonia-oxidizing bacteria	50T	Cy3/FITC/HRP/DIG
Nitrospina gracilis	50T	Cy3/FITC/HRP/DIG
Nitrospira marina-related clones	50T	Cy3/FITC/HRP/DIG
Nitrospira moscoviensis, activated sludge clones A4 and A11	50T	Cy3/FITC/HRP/DIG
Nitrospira moscoviensis, freshwater Nitrospira spp.	50T	Cy3/FITC/HRP/DIG
Nitrospira moscoviensis, freshwater Nitrospira spp.	50T	Cy3/FITC/HRP/DIG
Nitrospira moscoviensis, Nitrospira marina and 710-9 clone	50T	Cy3/FITC/HRP/DIG
Nitrospira spp.	50T	Cy3/FITC/HRP/DIG
nocardioform actinomycete sp.	50T	Cy3/FITC/HRP/DIG
nocardioform actinomycete sp.	50T	Cy3/FITC/HRP/DIG
nocardioform actinomycetes	50T	Cy3/FITC/HRP/DIG
NOR1 lineage (Gammaproteobacteria)	50T	Cy3/FITC/HRP/DIG
NOR2 cluster group A (Gammaproteobacteria)	50T	Cy3/FITC/HRP/DIG
NOR5 cluster (Gammaproteobacteria)	50T	Cy3/FITC/HRP/DIG
NOR5 isolate KT71 (Gammaproteobacteria)	50T	Cy3/FITC/HRP/DIG
Nosema / Vairimorpha genus (microsporidia)	50T	Cy3/FITC/HRP/DIG
Nostocoida limicola I	50T	Cy3/FITC/HRP/DIG
Nostocoida limicola II strain Ben 70	50T	Cy3/FITC/HRP/DIG
Nostocoida limicola II strains except strain Ben 70	50T	Cy3/FITC/HRP/DIG
Nostocoida limicola III strain Ben 220	50T	Cy3/FITC/HRP/DIG
Nostocoida limicola III strains	50T	Cy3/FITC/HRP/DIG
Nostocoida limicola III strains except Ben 220	50T	Cy3/FITC/HRP/DIG
novel eukaryotic phyla, APC	50T	Cy3/FITC/HRP/DIG
novel gammaproteobacterial group	50T	Cy3/FITC/HRP/DIG
Oceanospirillum	50T	Cy3/FITC/HRP/DIG
Octadecabacter spp.	50T	Cy3/FITC/HRP/DIG
Oenococcus oeni	50T	Cy3/FITC/HRP/DIG
Olavius algarvensis / O. crassitunicatus / O. loisae spirochete symbionts	50T	Cy3/FITC/HRP/DIG
Olavius algarvensis / O. ilvae Gamma 3 symbionts	50T	Cy3/FITC/HRP/DIG
Olavius algarvensis / Olavius ilvae Gamma 3 symbionts, some env. Clones	50T	Cy3/FITC/HRP/DIG
Olavius algarvensis Delta 1 symbiont	50T	Cy3/FITC/HRP/DIG
Olavius algarvensis Delta 4 symbiont	50T	Cy3/FITC/HRP/DIG
Olavius algarvensis/ O. ilvae Delta 3 symbiont	50T	Cy3/FITC/HRP/DIG
Olavius algarvensis/ Olavius ilvae Delta 3 symbiont	50T	Cy3/FITC/HRP/DIG
Olavius ilvae / O. crassitunicatus Gamma 1 symbiont	50T	Cy3/FITC/HRP/DIG
Olavius ilvae and Olavius crassitunicatus Gamma 1 symbionts	50T	Cy3/FITC/HRP/DIG
Olavius ilvae Delta 1 symbiont	50T	Cy3/FITC/HRP/DIG
Olavius ilvae Delta 1 symbiont, unc. bacterium AY907763	50T	Cy3/FITC/HRP/DIG
Opitutus spp. and uncultured relatives	50T	Cy3/FITC/HRP/DIG
Order Rhizobiales	50T	Cy3/FITC/HRP/DIG

Order Rhodobacterales	50T	Cy3/FITC/HRP/DIG
OTU 11 and 12 of GNSB (green nonsulfur bacteria)	50T	Cy3/FITC/HRP/DIG
OTU 13 of Verrucomicrobia	50T	Cy3/FITC/HRP/DIG
OTU 8 of CFB (Cytophaga-Flavobacterium-Bacteroides)	50T	Cy3/FITC/HRP/DIG
OTU 9 of CFB (Cytophaga-Flavobacterium-Bacteroides)	50T	Cy3/FITC/HRP/DIG
Pantoea spp.	50T	Cy3/FITC/HRP/DIG
Parachlamydia sp. UV-7	50T	Cy3/FITC/HRP/DIG
Paracoccus denitrificans, P. versutus	50T	Cy3/FITC/HRP/DIG
Paracoccus denitrificans, P. versutus	50T	Cy3/FITC/HRP/DIG
Paraphysomonas imperforata (Chrysophyceae)	50T	Cy3/FITC/HRP/DIG
Paraphysomonas vestita (Chrysophyceae)	50T	Cy3/FITC/HRP/DIG
Parts of Acidobacterial	50T	Cy3/FITC/HRP/DIG
peat-inhabiting subgroup of Methylocystis spp.	50T	Cy3/FITC/HRP/DIG
Pediococcus damnosus	50T	Cy3/FITC/HRP/DIG
Pediococcus parvulus	50T	Cy3/FITC/HRP/DIG
Pedobacter heparinus and relatives	50T	Cy3/FITC/HRP/DIG
Pedomicrobium strains	50T	Cy3/FITC/HRP/DIG
Pelagophyceae	50T	Cy3/FITC/HRP/DIG
Pelagophyceae clade containing Aureococcus, Pelagomonas, Pulvinaria. CCMP 1395	50T	Cy3/FITC/HRP/DIG
Pelotomaculum thermopropionicum	50T	Cy3/FITC/HRP/DIG
Pfiesteria piscicida	50T	Cy3/FITC/HRP/DIG
Phascolarctobacterium faecium, Acidaminococcus fermentans, Succiniclasticum ruminis	50T	Cy3/FITC/HRP/DIG
phosphate accumulating bacteria (Gammaproteobacteria)	50T	Cy3/FITC/HRP/DIG
phosphate accumulating bacteria (Gammaproteobacteria)	50T	Cy3/FITC/HRP/DIG
Phylum Aquificae (except Desulfurobacteriaceae)	50T	Cy3/FITC/HRP/DIG
phylum Chloroflexi (green nonsulfur bacteria)	50T	Cy3/FITC/HRP/DIG
phylum Chloroflexi (green nonsulfur bacteria)	50T	Cy3/FITC/HRP/DIG
Pirellula sp. strain SH1	50T	Cy3/FITC/HRP/DIG
Planctomycetales	50T	Cy3/FITC/HRP/DIG
Planctomycetes	50T	Cy3/FITC/HRP/DIG
Plasticicumulans acidivorans	50T	Cy3/FITC/HRP/DIG
Plasticicumulans lactivorans	50T	Cy3/FITC/HRP/DIG
Polaribacter spp.	50T	Cy3/FITC/HRP/DIG
Polaromonas naphthalenivorans strain CI2	50T	Cy3/FITC/HRP/DIG
Polaromonas vacuolata	50T	Cy3/FITC/HRP/DIG
Polynucleobacter cluster	50T	Cy3/FITC/HRP/DIG
Porphyromonas gingivalis	50T	Cy3/FITC/HRP/DIG
Porphyromonas gingivalis and uncultured Porphyromonas	50T	Cy3/FITC/HRP/DIG
Prevotella denticola	50T	Cy3/FITC/HRP/DIG
Prevotella intermedia	50T	Cy3/FITC/HRP/DIG
Prevotella intermedia, Prevotella falsenii and uncultured Prevotella	50T	Cy3/FITC/HRP/DIG
Prevotella nigrescens	50T	Cy3/FITC/HRP/DIG
Prochlorococcus (Cyanophyceae)	50T	Cy3/FITC/HRP/DIG
Prochlorococcus HLI (Cyanophyceae)	50T	Cy3/FITC/HRP/DIG
Prochlorococcus HLII (Cyanophyceae)	50T	Cy3/FITC/HRP/DIG
Prochlorococcus LL (Cyanophyceae)	50T	Cy3/FITC/HRP/DIG
Propionicimonas spp.	50T	Cy3/FITC/HRP/DIG
Prymnesiophyceae	50T	Cy3/FITC/HRP/DIG
Pseudoalteromonas, Colwellia	50T	Cy3/FITC/HRP/DIG
Pseudomonas aeruginosa	50T	Cy3/FITC/HRP/DIG
Pseudomonas chlororaphis	50T	Cy3/FITC/HRP/DIG
Pseudomonas fluorescens Ag1	50T	Cy3/FITC/HRP/DIG
Pseudomonas putida, P. mendocina	50T	Cy3/FITC/HRP/DIG
Pseudomonas spp.	50T	Cy3/FITC/HRP/DIG
Pseudomonas stutzeri	50T	Cy3/FITC/HRP/DIG
Pseudomonas stutzeri, P. mendocina	50T	Cy3/FITC/HRP/DIG
Pseudomonas synxantha and related species of the Pseudomonas fluorescens subgroup	50T	Cy3/FITC/HRP/DIG
Pseudo-Nitzschia australis (Bacilliarophyceae)	50T	Cy3/FITC/HRP/DIG
Pseudo-Nitzschia multiseriis (Bacilliarophyceae)	50T	Cy3/FITC/HRP/DIG
Pseudo-Nitzschia pungens (Bacilliarophyceae)	50T	Cy3/FITC/HRP/DIG
Psychrobacter spp.	50T	Cy3/FITC/HRP/DIG

PTB 1 cluster, <i>Stappia stellulata</i>	50T	Cy3/FITC/HRP/DIG
PTB 1 cluster, <i>Stappia stellulata</i> , bacterium (AB010864)	50T	Cy3/FITC/HRP/DIG
PTB 6/7 cluster	50T	Cy3/FITC/HRP/DIG
<i>Ralstonia solanacearum</i> , <i>Ralstonia syzygii</i> , blood disease bacterium (BLDB)	50T	Cy3/FITC/HRP/DIG
Representatives of the <i>Xanthomonas</i> group	50T	Cy3/FITC/HRP/DIG
Representatives of the <i>Xanthomonas</i> group and the Alphaproteobacteria, <i>Brevundimonas diminuta</i>	50T	Cy3/FITC/HRP/DIG
<i>Rhodobacter blasticus</i>	50T	Cy3/FITC/HRP/DIG
<i>Rhodobacter</i> , <i>Roseobacter</i>	50T	Cy3/FITC/HRP/DIG
<i>Rhodobium marinum</i> , <i>Rhodopseudomonas julia</i>	50T	Cy3/FITC/HRP/DIG
<i>Rhodocyclus</i> spp., most member of the Candidatus Accumulibacter cluster, <i>Azospira</i> lineage	50T	Cy3/FITC/HRP/DIG
<i>Rhodovulum sulfidophilum</i>	50T	Cy3/FITC/HRP/DIG
Rickettsial endosymbionts hosted by <i>Carteria</i> , <i>Pleodorina</i> , <i>Volvox</i> (green algae) and <i>Dionhrvs appendiculata</i> (ciliate)	50T	Cy3/FITC/HRP/DIG
Rickettsia-related endosymbionts of <i>Acanthamoeba</i> strains UWC8 and UWC36	50T	Cy3/FITC/HRP/DIG
<i>Roseburia</i>	50T	Cy3/FITC/HRP/DIG
<i>Roseiflexus</i> assemblage	50T	Cy3/FITC/HRP/DIG
<i>Roseobacter</i> sp. strain Shippagan group	50T	Cy3/FITC/HRP/DIG
rRNA group I pseudomonads	50T	Cy3/FITC/HRP/DIG
Rumen <i>Acetivibrio</i> clones	50T	Cy3/FITC/HRP/DIG
rumen <i>Butyrivibrio</i> clones	50T	Cy3/FITC/HRP/DIG
Rumen clones in family Ruminococcaceae, phylum Firmicutes	50T	Cy3/FITC/HRP/DIG
Rumen Inceatae Sedis XIII clones	50T	Cy3/FITC/HRP/DIG
Rumen <i>Pseudobutyrvibrio</i> clones	50T	Cy3/FITC/HRP/DIG
Rumen <i>Veillonellaceae</i> clones	50T	Cy3/FITC/HRP/DIG
Ruminococcaceae	50T	Cy3/FITC/HRP/DIG
<i>Ruminococcus albus</i> , <i>R. flavefaciens</i>	50T	Cy3/FITC/HRP/DIG
<i>Ruminococcus albus</i> -related clones, phylum Firmicutes	50T	Cy3/FITC/HRP/DIG
<i>Ruminococcus flavefaciens</i> -related clones, phylum Firmicutes	50T	Cy3/FITC/HRP/DIG
<i>Ruminococcus productus</i> and relatives	50T	Cy3/FITC/HRP/DIG
<i>Salmonella</i> spp., <i>Plesiomonas shigelloides</i>	50T	Cy3/FITC/HRP/DIG
<i>Saprospira grandis</i>	50T	Cy3/FITC/HRP/DIG
<i>Saprospira grandis</i> and relatives	50T	Cy3/FITC/HRP/DIG
SAR 86 cluster	50T	Cy3/FITC/HRP/DIG
SAR92 clade	50T	Cy3/FITC/HRP/DIG
secondary endosymbiont of <i>Planococcus citri</i>	50T	Cy3/FITC/HRP/DIG
several <i>Haliscomenobacter</i> species among others the type strain and an isolate named Plant1 Iso10B	50T	Cy3/FITC/HRP/DIG
<i>Shewanella frigidimarina</i>	50T	Cy3/FITC/HRP/DIG
some <i>Acetobacterium</i> species, <i>E. limosum</i>	50T	Cy3/FITC/HRP/DIG
some acidophilic <i>Acidobacteriaceae</i>	50T	Cy3/FITC/HRP/DIG
some acidophilic <i>Acidobacteriaceae</i> and an acid mine drainage clone	50T	Cy3/FITC/HRP/DIG
some <i>Anaerolineae</i>	50T	Cy3/FITC/HRP/DIG
some <i>Caulobacterales</i>	50T	Cy3/FITC/HRP/DIG
some <i>Chromatiales</i>	50T	Cy3/FITC/HRP/DIG
some <i>Dehalococcoides</i> spp.	50T	Cy3/FITC/HRP/DIG
some <i>Deltaproteobacteria</i>	50T	Cy3/FITC/HRP/DIG
some <i>Deltaproteobacteria</i>	50T	Cy3/FITC/HRP/DIG
Some <i>Desulfobulbaceae</i>	50T	Cy3/FITC/HRP/DIG
Some <i>Desulfobulbaceae</i> (excluding most <i>Desulfobulbus</i> )	50T	Cy3/FITC/HRP/DIG
some <i>Desulfobulbus</i>	50T	Cy3/FITC/HRP/DIG
some <i>Desulfonema</i>	50T	Cy3/FITC/HRP/DIG
Some <i>Desulfosarcina</i>	50T	Cy3/FITC/HRP/DIG
Some <i>Desulfovibrio</i> and <i>Bilophila wadsworthia</i>	50T	Cy3/FITC/HRP/DIG
Some <i>Desulfovibrio</i> , <i>Bilophila wadsworthia</i> , and <i>Lawsonia intracellularis</i>	50T	Cy3/FITC/HRP/DIG
Some <i>Desulfovibrionaceae</i> , <i>Desulfomicrobiaceae</i> , <i>Desulfohalobiaceae</i> , and other Bacteria	50T	Cy3/FITC/HRP/DIG
some <i>Flavobacteria</i> and <i>Sphingobacteria</i>	50T	Cy3/FITC/HRP/DIG
Some <i>Halomonas</i> populations	50T	Cy3/FITC/HRP/DIG

some iron-oxidising acidophilic Actinobacteria and some acid mine drainage clones	50T	Cy3/FITC/HRP/DIG
some members of the class Anaerolineae	50T	Cy3/FITC/HRP/DIG
some members of the class Chloroflexi	50T	Cy3/FITC/HRP/DIG
some members of the Enterobacteriaceae	50T	Cy3/FITC/HRP/DIG
some members of the Enterobacteriaceae and Vibrionaceae	50T	Cy3/FITC/HRP/DIG
Some members of the genus Dokdonia	50T	Cy3/FITC/HRP/DIG
Some members of the genus Leeuwenhoenkiella	50T	Cy3/FITC/HRP/DIG
Some members of the Sterolibacterium lineage	50T	Cy3/FITC/HRP/DIG
some Methanosaetaceae	50T	Cy3/FITC/HRP/DIG
Some Novosphingomonas, Erythrobacter and Porphyrobacter	50T	Cy3/FITC/HRP/DIG
some of the Clostridium lituseburense group (Clostridium cluster XI)	50T	Cy3/FITC/HRP/DIG
Some Pseudomonas populations	50T	Cy3/FITC/HRP/DIG
some Rhodobacteraceae	50T	Cy3/FITC/HRP/DIG
some Rhodocyclaceae	50T	Cy3/FITC/HRP/DIG
some Sphingomonadales	50T	Cy3/FITC/HRP/DIG
some Thiobacillus and some unclassified Betaproteobacteria	50T	Cy3/FITC/HRP/DIG
some unclassified Alphaproteobacteria	50T	Cy3/FITC/HRP/DIG
some unclassified Alphaproteobacteria	50T	Cy3/FITC/HRP/DIG
some unclassified Bacteroidetes	50T	Cy3/FITC/HRP/DIG
some unclassified Rhodocyclaceae	50T	Cy3/FITC/HRP/DIG
some unknown Acinetobacter-like species	50T	Cy3/FITC/HRP/DIG
Sphaerotilus natans	50T	Cy3/FITC/HRP/DIG
Sphingomonas	50T	Cy3/FITC/HRP/DIG
Sphingomonas, Erythrobacter	50T	Cy3/FITC/HRP/DIG
spirochete symbiont group of gutless oligochaetes	50T	Cy3/FITC/HRP/DIG
Staphylococcus aureus	50T	Cy3/FITC/HRP/DIG
Stenotrophomonas maltophilia	50T	Cy3/FITC/HRP/DIG
Strain DK4	50T	Cy3/FITC/HRP/DIG
Strain MPA (from Palmitate enrichment)	50T	Cy3/FITC/HRP/DIG
Strain TOL (from oleate enrichment)	50T	Cy3/FITC/HRP/DIG
Streptococcus agalactiae	50T	Cy3/FITC/HRP/DIG
Streptococcus oralis	50T	Cy3/FITC/HRP/DIG
Streptococcus pneumoniae	50T	Cy3/FITC/HRP/DIG
Streptococcus pyogenes	50T	Cy3/FITC/HRP/DIG
Streptococcus spp.	50T	Cy3/FITC/HRP/DIG
Streptococcus uberis	50T	Cy3/FITC/HRP/DIG
subdivision 1 of candidate division TM7	50T	Cy3/FITC/HRP/DIG
subgroup A of unclassified Lachnospiraceae OTU	50T	Cy3/FITC/HRP/DIG
subgroup B of unclassified Lachnospiraceae OTU	50T	Cy3/FITC/HRP/DIG
Subgroup of acI lineage (Actinobacteria)	50T	Cy3/FITC/HRP/DIG
subgroup of Bacteroidetes	50T	Cy3/FITC/HRP/DIG
subgroup of Betaproteobacteria	50T	Cy3/FITC/HRP/DIG
subgroup of Clostridia cluster I and II	50T	Cy3/FITC/HRP/DIG
subgroup of genus Allobaculum	50T	Cy3/FITC/HRP/DIG
subgroup of the Parachlamydiaceae including Neochlamydia hartmannellae endosymbiont of Acanthamoeba sp. IWC22	50T	Cy3/FITC/HRP/DIG
subgroup of the Parachlamydiaceae including Parachlamydia acanthamoebae (Hallaposs coccus), endosymbionts of Acanthamoebae sp. IWE25 and IWE1	50T	Cy3/FITC/HRP/DIG
Sublineage I of the genus Nitrospira	50T	Cy3/FITC/HRP/DIG
Sublineage II of the genus Nitrospira	50T	Cy3/FITC/HRP/DIG
Sulfurihydrogenibium spp. (except S. Yellowstonense) including Nakabusa microbial mat sequences	50T	Cy3/FITC/HRP/DIG
Synechococcus (Cyanophyceae)	50T	Cy3/FITC/HRP/DIG
Synergistes group 4 (Synergistetes PD-UASB-13)	50T	Cy3/FITC/HRP/DIG
Tannerella forsythensis (Bacteroides forsythus)	50T	Cy3/FITC/HRP/DIG
Termite planctomycete cluster 1	50T	Cy3/FITC/HRP/DIG
Termite planctomycete cluster 2	50T	Cy3/FITC/HRP/DIG
Tetrasphaera australiensis, Tetrasphaera veronensis, and uncultured Tetrasphaera	50T	Cy3/FITC/HRP/DIG
Tetrasphaera Clone ASM31	50T	Cy3/FITC/HRP/DIG
Tetrasphaera Clone ASM47	50T	Cy3/FITC/HRP/DIG
Tetrasphaera Clone ASM57	50T	Cy3/FITC/HRP/DIG

Tetrasphaera elongata and related clones	50T	Cy3/FITC/HRP/DIG
Tetrasphaera elongata-related clones	50T	Cy3/FITC/HRP/DIG
Tetrasphaera japonica, enhanced biological phosphorus removal clone Ebnr19, Ebnr20 (Actinobacteria)	50T	Cy3/FITC/HRP/DIG
Tetrasphaera jenkinsii, Tetrasphaera australiensis, Tetrasphaera veronensis, and Candidatus Nostocoida limicola	50T	Cy3/FITC/HRP/DIG
Thauera spp. mztlt	50T	Cy3/FITC/HRP/DIG
Thermoanaerobacterium thermosaccharolyticum	50T	Cy3/FITC/HRP/DIG
Thermococcales	50T	Cy3/FITC/HRP/DIG
thermophilic Bacillus spp.	50T	Cy3/FITC/HRP/DIG
Thermotogales	50T	Cy3/FITC/HRP/DIG
Thermus spp.	50T	Cy3/FITC/HRP/DIG
Thiobacillus denitrificans	50T	Cy3/FITC/HRP/DIG
Thiobacillus denitrificans and Thiobacillus thioparus	50T	Cy3/FITC/HRP/DIG
Thiobacillus plumbophilus	50T	Cy3/FITC/HRP/DIG
Thiocystis gelatinosa-related bacteria (clone 130 and strain 448.10, Lake Cadagno)	50T	Cy3/FITC/HRP/DIG
Thiocystis minor-related bacteria (clones 222, 13 and strain H1.1, Lake Cadagno)	50T	Cy3/FITC/HRP/DIG
Thiomicrospira denitrificans	50T	Cy3/FITC/HRP/DIG
Thiomonas intermedia	50T	Cy3/FITC/HRP/DIG
Thiothrix eikelboomii, T. nivea, T. unzii, T. fructosivorans, T. defluvii, Eikelboom type 021N group I, II, III	50T	Cy3/FITC/HRP/DIG
Thiothrix nivea	50T	Cy3/FITC/HRP/DIG
Thioturbo danicus and strain DK4	50T	Cy3/FITC/HRP/DIG
Tplasma, Thermoplasma spp.	50T	Cy3/FITC/HRP/DIG
Treponema cluster I	50T	Cy3/FITC/HRP/DIG
Trichonympha sp. HsTcA	50T	Cy3/FITC/HRP/DIG
type I methanotrophs	50T	Cy3/FITC/HRP/DIG
type I methanotrophs	50T	Cy3/FITC/HRP/DIG
type I methanotrophs including Methylomonas spp., Methylophobium spp., Methylobacter spp., Methylococcus	50T	Cy3/FITC/HRP/DIG
type II methanotrophs	50T	Cy3/FITC/HRP/DIG
type II methanotrophs (Methylosinus/Methylocystis spp.)	50T	Cy3/FITC/HRP/DIG
type II methanotrophs including Methylocystis spp., Methylosinus spp.	50T	Cy3/FITC/HRP/DIG
Unattached, vacuolate, sulfur-oxidizing bacteria	50T	Cy3/FITC/HRP/DIG
Unclassified Bacteroidales cluster S24-7 OTU	50T	Cy3/FITC/HRP/DIG
Unclassified Oscillibacter OTU	50T	Cy3/FITC/HRP/DIG
Unclassified Rumen Clostridia clones	50T	Cy3/FITC/HRP/DIG
Unclassified Ruminococcaceae OTU	50T	Cy3/FITC/HRP/DIG
Uncultivated magnetotactic cocci (Candidatus Magnetococcus yuandaducum)	50T	Cy3/FITC/HRP/DIG
Uncultured humic and acidic lake Spartobacteria	50T	Cy3/FITC/HRP/DIG
Uncultured Rhodanobacter species closely related to Rhodanobacter thiooxydans	50T	Cy3/FITC/HRP/DIG
uncultured Ruminococcus obeum-like bacteria	50T	Cy3/FITC/HRP/DIG
Uncultured Tetrasphaera	50T	Cy3/FITC/HRP/DIG
Urothoe poseidonis clone UP23b	50T	Cy3/FITC/HRP/DIG
Vahlkampfiidae	50T	Cy3/FITC/HRP/DIG
Veillonella dispar, Veillonella parvula, Veillonella atypica	50T	Cy3/FITC/HRP/DIG
Veillonella parvula	50T	Cy3/FITC/HRP/DIG
Verrucomicrobiales	50T	Cy3/FITC/HRP/DIG
Verrucomicrobium	50T	Cy3/FITC/HRP/DIG
Verrucomicrobium, most Prostheco bacter, and uncultured relatives	50T	Cy3/FITC/HRP/DIG
Vibrio	50T	Cy3/FITC/HRP/DIG
Xanthomonas branch	50T	Cy3/FITC/HRP/DIG
Xenoturbella bocki gammaproteobacterial endosymbiont and relatives	50T	Cy3/FITC/HRP/DIG
Yarrowia lipolytica	50T	Cy3/FITC/HRP/DIG
Zoogloea ramigera ATCC 19623	50T	Cy3/FITC/HRP/DIG
Zoogloea ramigera ATCC 25935	50T	Cy3/FITC/HRP/DIG

Zoogloea ramigera, activated sludge clones A16, H7, H10, H11, H13, H22, H27, H40, S21	50T	Cy3/FITC/HRP/DIG
Zoothamnium niveum ectosymbiont	50T	Cy3/FITC/HRP/DIG