

Table showing sequenced BACs from marine picoplankton

*all "EB" clones are from Monterey Bay

BAC Coord.	Phylo. ID &/or features	(kb)
EB0-37F11	Group II planktonic euryarchaeote - 23S rRNA	60
EB0-45B06	SAR86-like 16S rRNA + proteorhodopsin	50
EB0-31A08	SAR86-like 16S rRNA + proteorhodopsin	130
EB0-36A07	Beta proteobacterium OM43 phylotype	90
EB0-59A10	5' CONTIG TO EB0-31A08 (SAR86)	80
EB0-33G07	Bacteriochlorophyll superoperon	30
EB0-60D04	Bacteriochlorophyll superoperon	50
EB0-65D09	Bacteriochlorophyll superoperon	60
EB0-69B03	CONTIG TO EB0-65D09 (bacteriochlorophyll)	90
EB0-63A02	CONTIG TO EB0-65D09 (bacteriochlorophyll)	93
EB0-65D02	CONTIG TO EB0-29C02 (bacteriochlorophyll)	70
EB0-47H08	Contig to EB0-69B03 (bacteriochlorophyll)	70
EB80-L31E09	Sulfur oxidizing symbiont relative	75
EB80-L21F01	Pelagibacter (SAR11)	100
EB80-L84A04	uncult. Marine Actinomycete (Gram + group)	120
EB80-L31C11	Rubisco--Form 1 type	15
EB80-L12H07	Nitrosomonas - ammonia oxidizer	25
EB80-L20F04	Nitrospina – nitrite oxidizer	55
EB80-L08E11	uncult. Cytophaga group	140
EB80-L32B05	Gamma proteobacterium - OM60 phylotype	120
EF100-136C2	Dissimilatory sulfite reductase/APS reductase	40
EF100-57A08	Group II euryarchaeote - 16S rRNA (unlinked to 23S)	40
EB750-1B07	marine delta proteobacterium	60
EB750-1D06	Pelagibacter (SAR11) ITS spacer	65
EB750-2H05	Pelagibacter (SAR11)	40
EB750-3B02	SAR406 phylogenetic type	55
EB750-11E01	Pelagibacter (SAR11)	40
EB750-10B11	Rubisco-Form 1 type	35
EB750-02H09	SAR156 phylogenetic type	43
EB750-10A10	Rubisco Form II type	45
EB750-05A12	Rubisco Contig to EB750-10A10	75
EB750-16D01	Rubisco Contig to EB750-10A10	82
HOTS-2C01	Alpha proteobacterium containing proteorhodopsin	50
ANT32C12	Antarctic bacterium containing proteorhodopsin	40
ANT8C10	Contig to ANT32C12 (proteorhodopsin)	40
ANT74A4	Group I planktonic crenarchaeot 16S rRNA –Antarctic	40
ORE4B7	Group I planktonic crenarchaeote-16S rRNA Oregon	40