Clade la
Clade II uc
Clade III uc
Clade IV uc
Cryomorphaceae uc
Defluviicoccales uc
Flavobacteriaceae uc

AEGEAN-169 marine group uc

Formosa Lentimonas Magnetospira

Marine Group II uc Marinoscillum Nitrincolaceae uc

NS2b marine group

NS5 marine group NS7 marine group uc NS9 marine group uc

OCS116 clade uc
OM43 clade

OM60(NOR5) clade PeM15 uc

Planktomarina Polaribacter Porticoccus

Proteobacteria uc Pseudoalteromonas Pseudohongiella

Pseudomonas

Roseobacter clade NAC11-7 lineage SAR11 clade uc

SAR324 clade(Marine group B) uc SAR86 clade uc

SAR116 clade uc

SAR92 clade Shewanella SUP05 cluster Thiotrichaceae uc

C1

C2

C3

C4

C5

C6

C7

C8