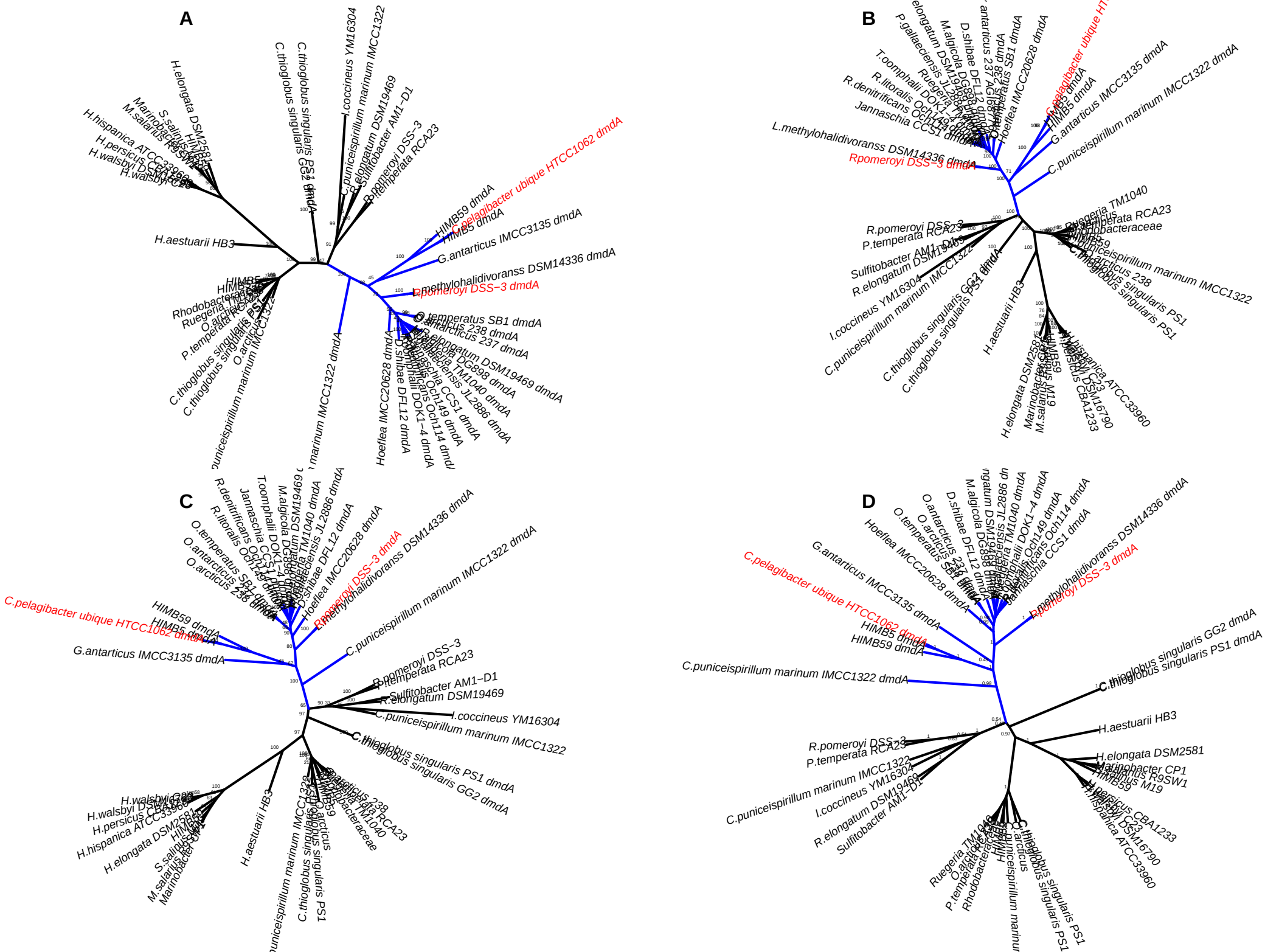
A
B
C
D
C.pelagibacter ubique HTCC1062 dmdA
Rpomeroyi DSS−3 dmdA
HIMB59 dmdA
HIMB5 dmdA
G.antarticus IMCC3135 dmdA
C.puniceispirillum marinum IMCC1322 dmdA
H.aestuarii HB3
H.elongata DSM2581
Marinobacter CP1
M.salarius R9SW1
S.salinus M19
H.persicus CBA1233
H.hispanica ATCC33960
H.walsbyi DSM16790
H.walsbyi GSL
C.thioglobus singularis PS1
C.thioglobus singularis GG2 dmdA
C.thioglobus singularis PS1 dmdA
I.coccineus YM16304
R.elongatum DSM19469
Sulfitobacter AM1−D1
P.temperata RCA23
R.pomeroyi DSS−3
Rhodobacteraceae
Ruegeria TM1040
O.arcticus 238
O.antarticus 237
O.temperatus SB1 dmdA
L.methylohalidivoranss DSM14336 dmdA
Hoeflea IMCC20628 dmdA
Hoeflea IMCC20628 dmdA
D.shibae DFL12 dmdA
M.algicola DG898 dmdA
P.gallaeciensis JL2886 dmdA
Ruegeria TM1040 dmdA
Jannaschia CCS1 dmdA
R.litoralis Och149 dmdA
R.denitrificans Och114 dmdA
T.oomphalii DOK1−4 dmdA
C.thioglobus singularis PS1 dmdA
C.thioglobus singularis GG2 dmdA
C.puniceispirillum marinum IMCC1322 dmdA
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