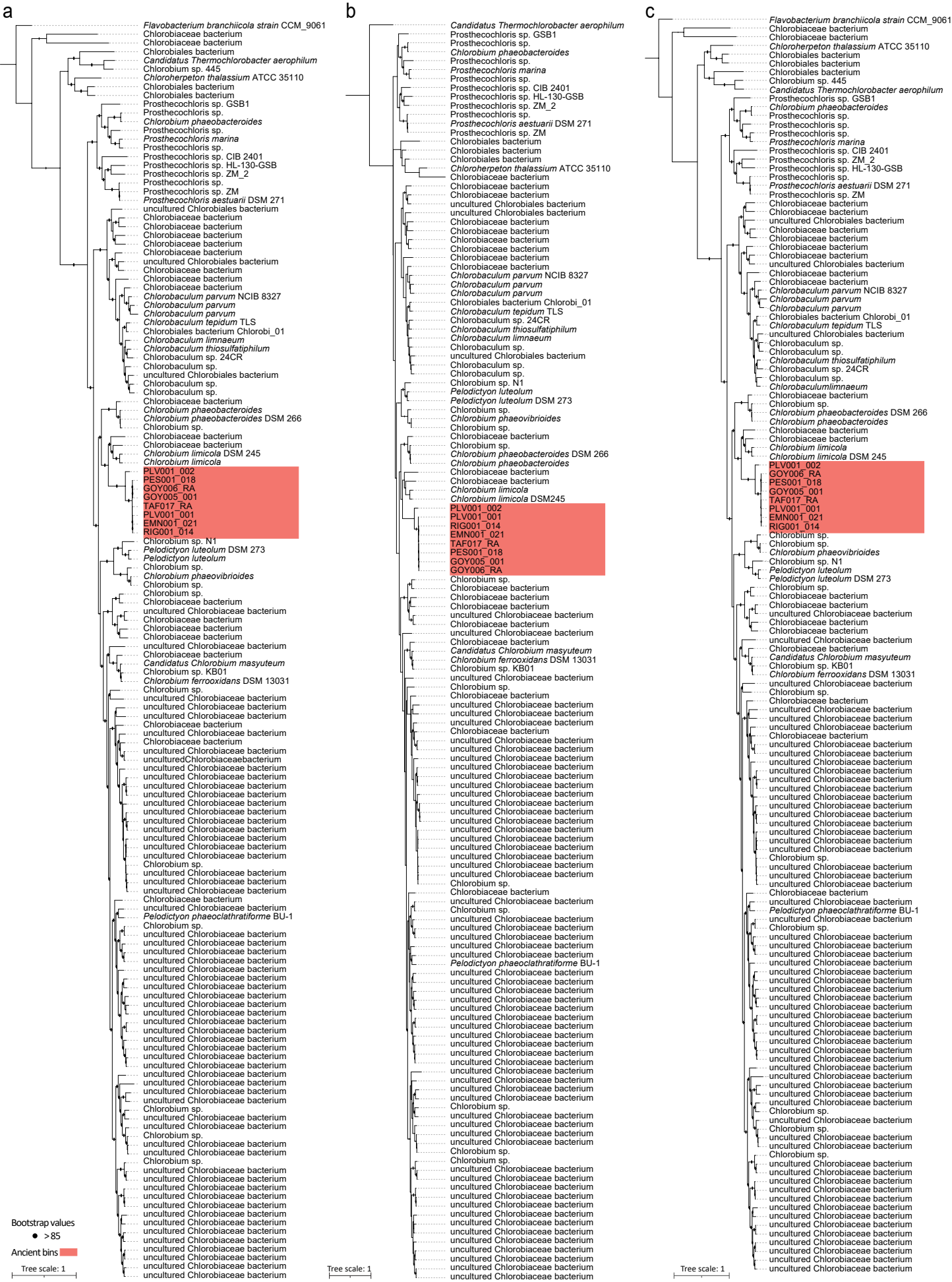
a
Flavobacterium branchiicola strain CCM_9061
Candidatus Thermochlorobacter aerophilum
Chlorobium sp. 445
Chloroherpeton thalassium ATCC 35110
Prosthecochloris sp. GSB1
Chlorobium phaeobacteroides
Prosthecochloris marina
Prosthecochloris sp. CIB 2401
Prosthecochloris sp. HL-130-GSB
Prosthecochloris sp. ZM_2
Prosthecochloris aestuarii DSM 271
Prosthecochloris sp. ZM
Chlorobaculum parvum NCIB 8327
Chlorobaculum tepidum TLS
Chlorobaculum limnaeum
Chlorobaculum thiosulfatiphilum
Chlorobaculum sp. 24CR
Chlorobium phaeobacteroides DSM 266
Chlorobium limicola DSM 245
Chlorobium limicola
PLV001_002
PES001_018
GOY006_RA
GOY005_001
TAF017_RA
PLV001_001
EMN001_021
RIG001_014
Chlorobium sp. N1
Pelodictyon luteolum DSM 273
Pelodictyon luteolum
Chlorobium phaeovibrioides
Candidatus Chlorobium masyuteum
Chlorobium sp. KB01
Chlorobium ferrooxidans DSM 13031
Pelodictyon phaeoclathratiforme BU-1
Bootstrap values
>85
Ancient bins
Tree scale: 1
b
Candidatus Thermochlorobacter aerophilum
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Chlorobium phaeobacteroides
Prosthecochloris marina
Prosthecochloris sp. CIB 2401
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Pelodictyon phaeoclathratiforme BU-1
Tree scale: 1
c
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Tree scale: 1