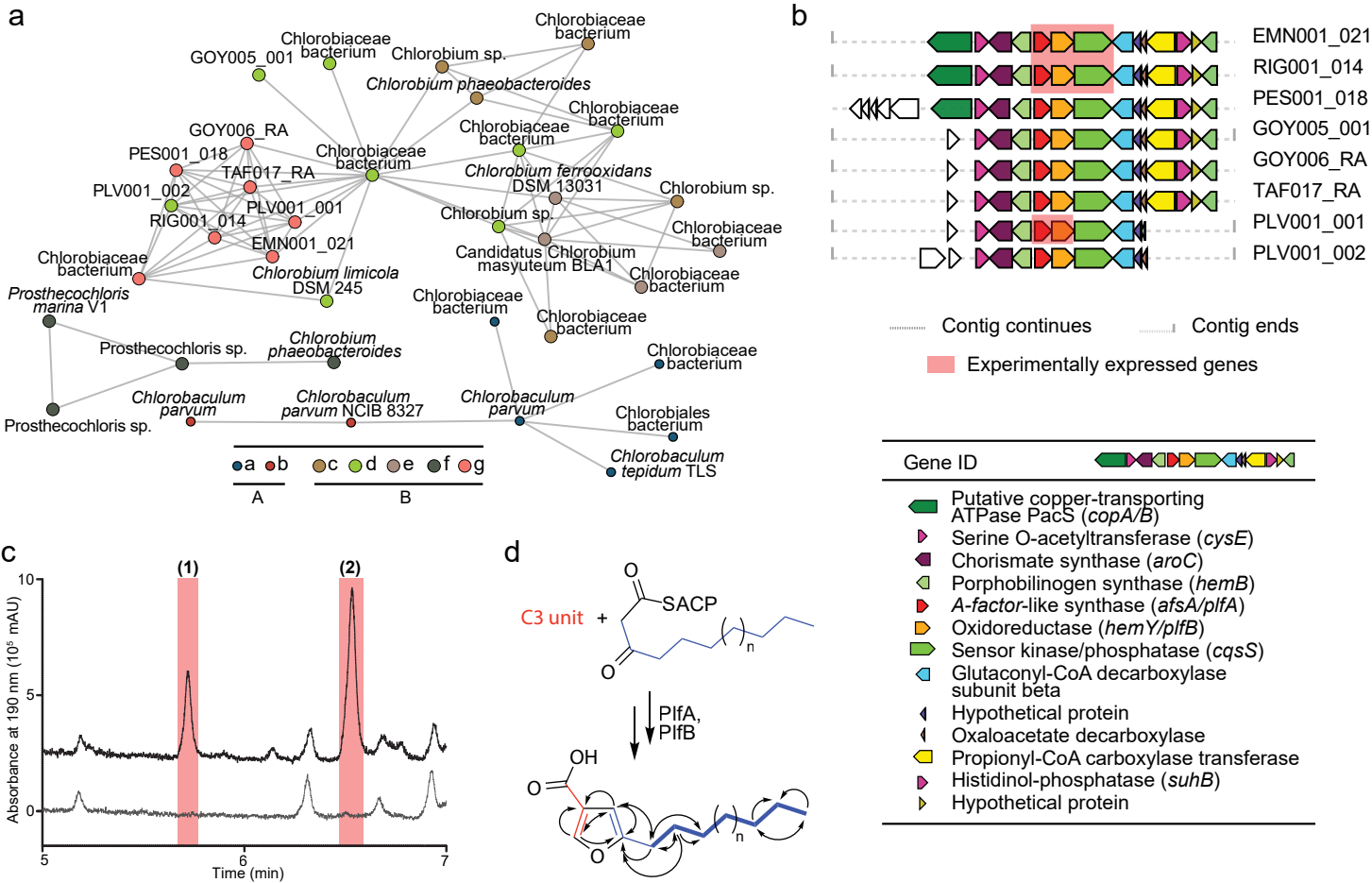
a
Chlorobiaceae bacterium
GOY005_001
Chlorobium sp.
Chlorobium phaeobacteroides
GOY006_RA
PES001_018
TAF017_RA
PLV001_002
PLV001_001
RIG001_014
EMN001_021
Chlorobium ferrooxidans DSM 13031
Chlorobium sp.
Candidatus Chlorobium masyuteum BLA1
Chlorobium limicola DSM 245
Prosthecochloris marina V1
Prosthecochloris sp.
Chlorobium phaeobacteroides
Chlorobaculum parvum
Chlorobaculum parvum NCIB 8327
Chlorobiales bacterium
Chlorobaculum tepidum TLS
a b c d e f g
A
B
b
EMN001_021
RIG001_014
PES001_018
GOY005_001
GOY006_RA
TAF017_RA
PLV001_001
PLV001_002
Contig continues
Contig ends
Experimentally expressed genes
Gene ID
Putative copper-transporting ATPase PacS (copA/B)
Serine O-acetyltransferase (cysE)
Chorismate synthase (aroC)
Porphobilinogen synthase (hemB)
A-factor-like synthase (afsA/plfA)
Oxidoreductase (hemY/plfB)
Sensor kinase/phosphatase (cqsS)
Glutaconyl-CoA decarboxylase subunit beta
Hypothetical protein
Oxaloacetate decarboxylase
Propionyl-CoA carboxylase transferase
Histidinol-phosphatase (suhB)
Hypothetical protein
c
(1)
(2)
Absorbance at 190 nm (10^5 mAU)
Time (min)
d
C3 unit
SACP
PlfA, PlfB
OH