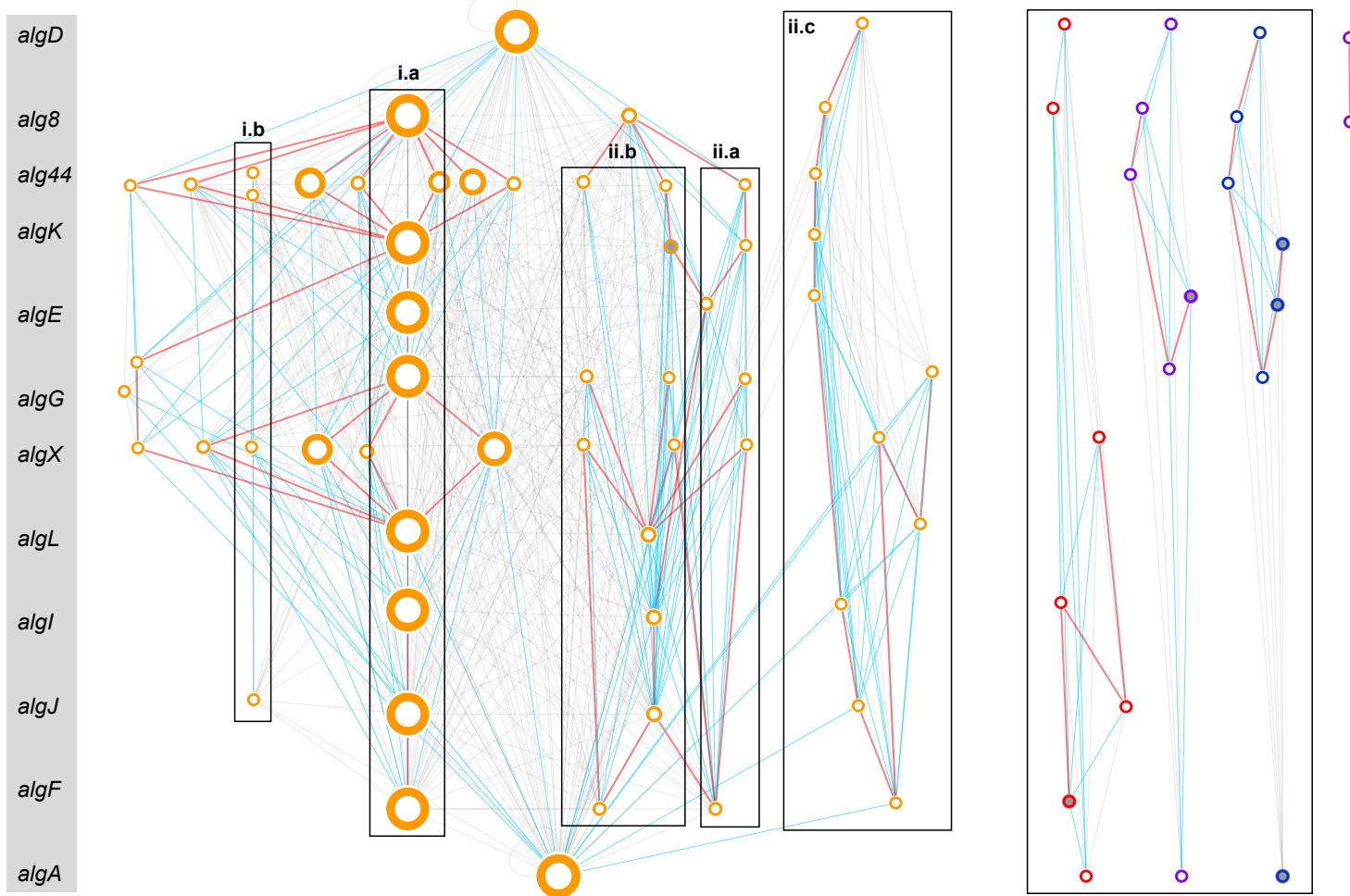


i) Clade 1
"Canonical Operons"

ii) Clade 2
(Duplication and/or Rearrangement)

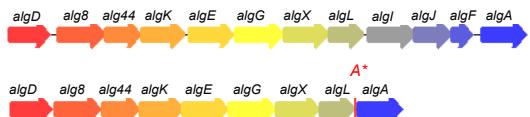
iii) Atypical Operons
(Rearrangement and Subunit Loss/Gain)



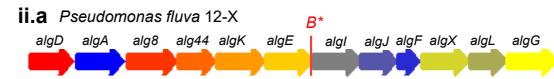
i) Clade 1 Operons



i.b *Pseudomonas resinovorans* NBRC 106553



ii) Clade 2 Operons



ii.b *Pseudomonas mendocina* ymp



iii) Atypical Operons



Nitratiruptor sp. SB155-2



Thermovibrio ammonificans HB-1



Taxa

Gamma-Proteobacteria

Alpha-Proteobacteria

Epsilon-Proteobacteria

Other

Intergenic Distance

- <= 0.1 Kbp
- > 0.1 Kbp & < 5 Kbp
- >= 5 Kbp

Number of Sequences

- 1
- >= 20
- >= 100

Operon Arrows

Locus
algD
alg8
alg44
algK
algE
algG
algX
algL
algI
algJ
algF
algA