

SUPPLEMENTARY MATERIAL

_____	<i>Nde</i>
_____	<i>Bgl</i>
_____	<i>Nde</i>
_____	<i>Bgl</i>

Table S1. List of primers used in this study

Species	GenBank Accession(s)	Assembly status
<i>Acaryochloris</i>		
<i>Acaryochloris marina</i>		
<i>Allochromatium vinosum</i>		
<i>Bradyrhizobium</i>		
<i>Chloracidobacterium thermophilum</i>		
<i>Chlorobaculum tepidum</i>		
<i>Chlorobium ferrooxidans</i>		
<i>Chloroflexus aggregans</i>		
<i>Chloroflexus aurantiacus</i>		
<i>Chloroherpeton thalassium</i>		
<i>Cyanothece</i>		
<i>Fischerella thermalis</i>		
<i>Leptolyngbya</i>	G	
<i>Leptolyngbya</i>		
<i>Leptolyngbya</i>		
<i>Methylobacterium</i>		
<i>Pelodictyon phaeoclathratiforme</i>		
<i>Prosthecochloris aestuarii</i>		
<i>Rhodobacter sphaeroides</i>		
<i>Rhodopseudomonas palustris</i>		
<i>Synechococcus</i>		
<i>Synechococcus</i>		
<i>Synechococcus</i>		
<i>Synechococcus</i>	G	
<i>Synechocystis</i>		
<i>Thiorhodococcus drewsii</i>		

Table S2. List of genome sequences used in this study