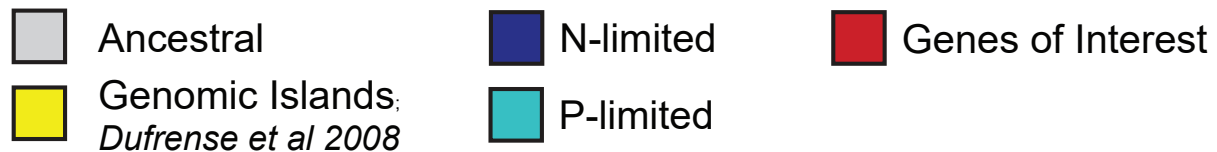
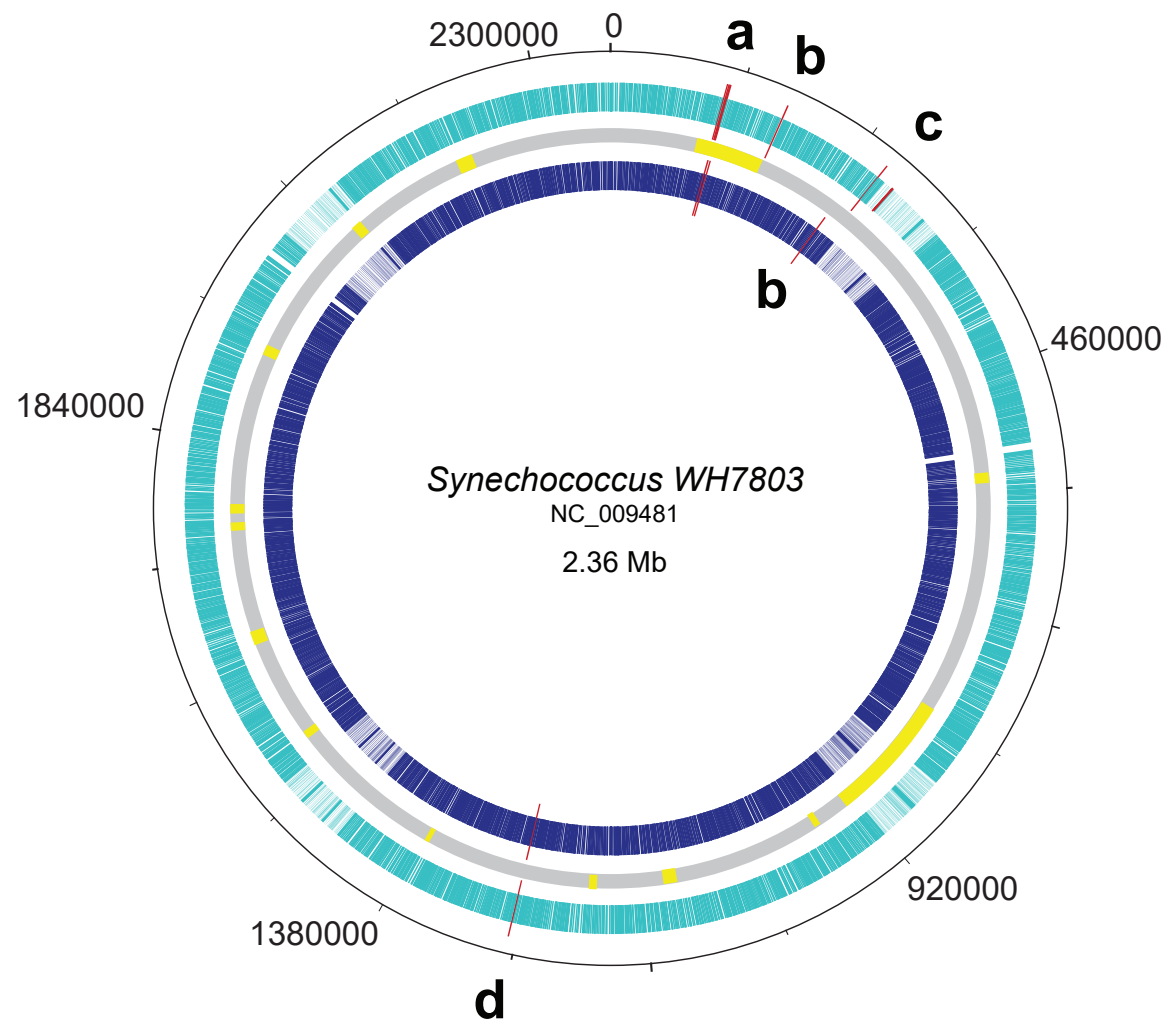
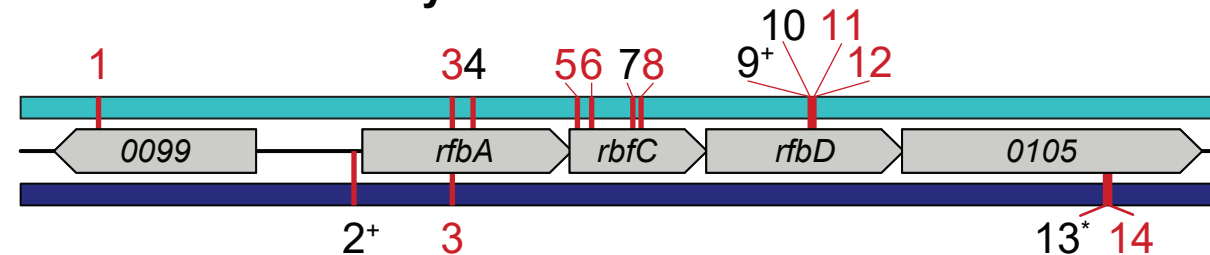


A

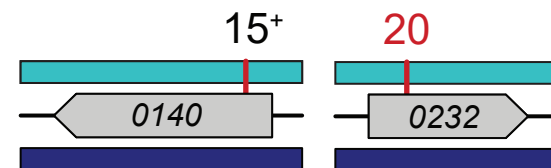


B

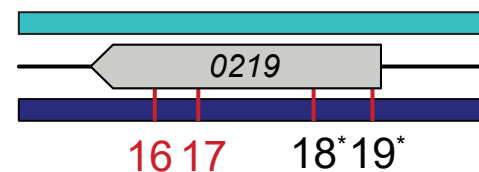
## a. L-Rhamnose biosynthesis



## b. Glycosyl transferase



## c. Membrane polysaccharide synthesis



## d. Two component histidine kinase

