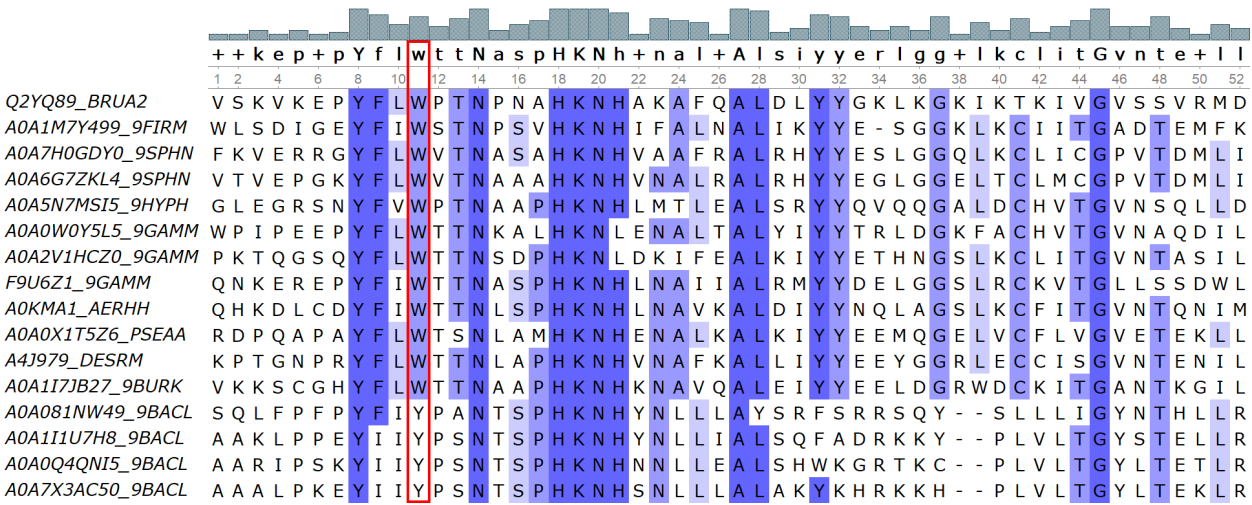


Mutations in conservative sites

wbkA, G225V

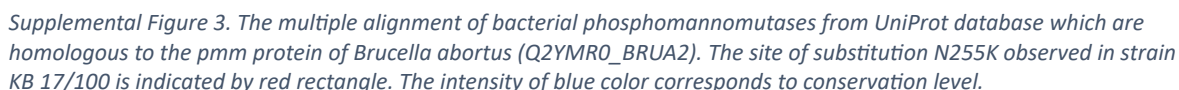


wboA, W219L
Glycosyl transferase domain (InterPro entry IPR001296)



Supplemental Figure 2. The multiple alignment of bacterial glycosyltransferases from UniProt database which are homologous to the wboA protein of Brucella abortus (Q2YQ89_BRUA2). The site of substitution W219L observed in strains 75/79-AB and 82 is indicated by red rectangle. The intensity of blue color corresponds to conservation level.

Alpha-D-phosphohexomutase, alpha/beta/alpha domain III (InterPro entry IPR005846)



wbkA, A321E

Glycosyl transferase family 1 domain (IPR001296)

