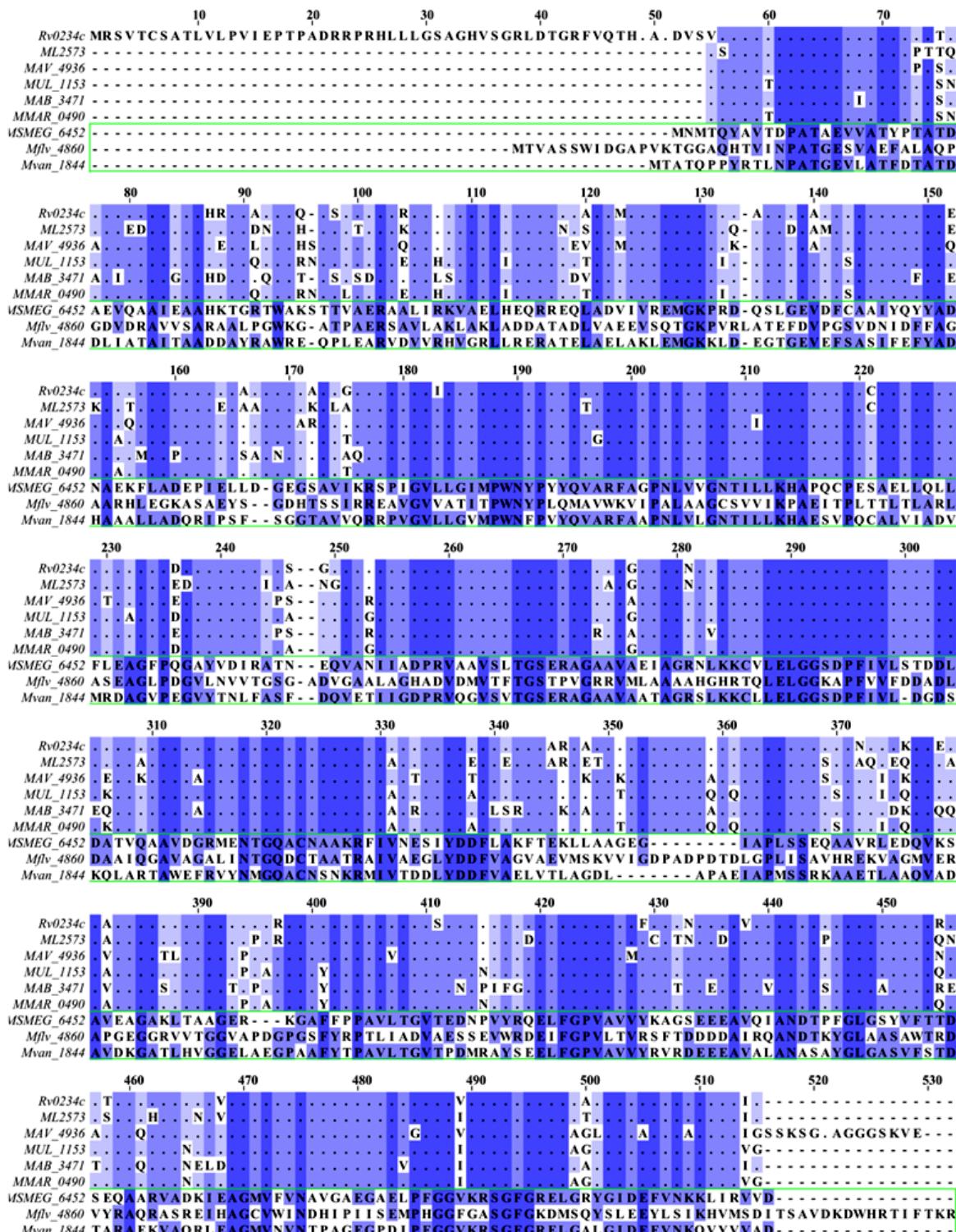
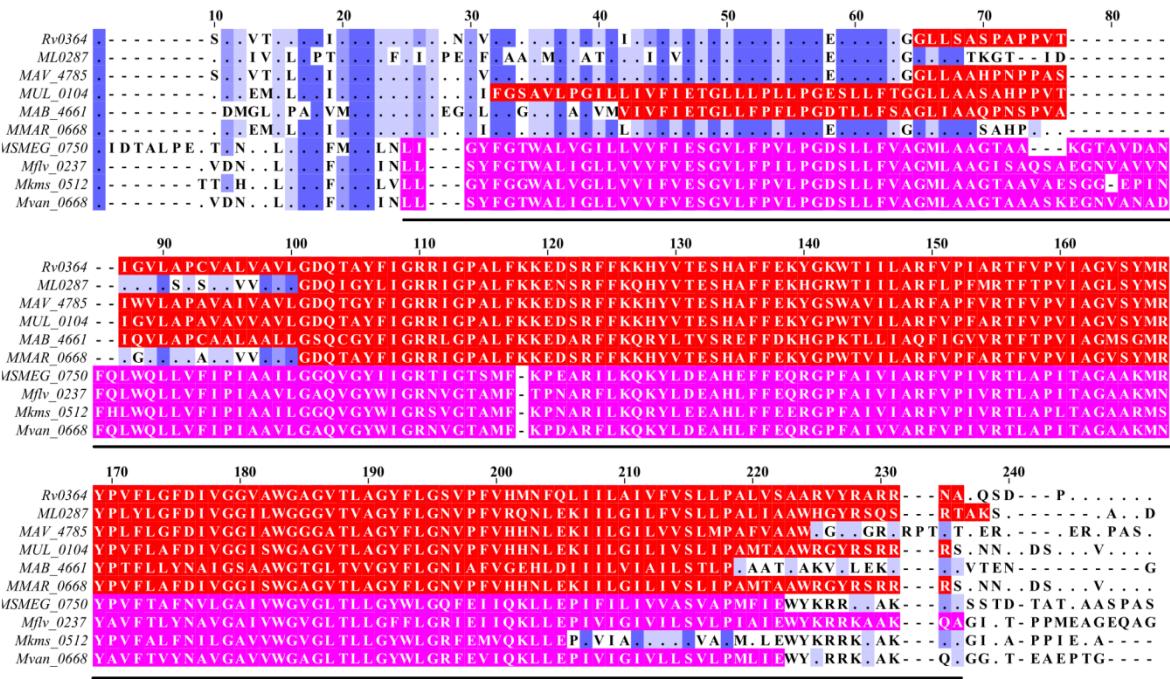


Multiple sequence alignment of all 9 exclusive genes of pathogens

1) Rv0234c – Succinate semialdehyde dehydrogenase

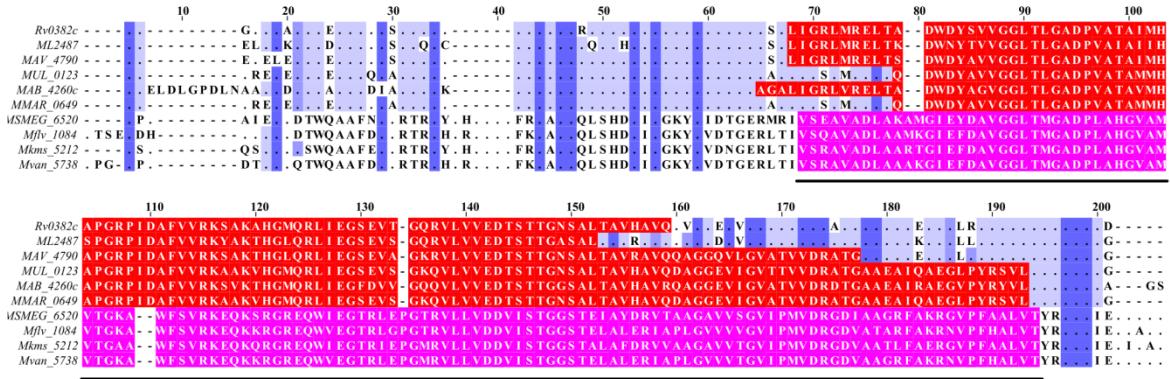


2) Rv0364 – Conserved membrane protein

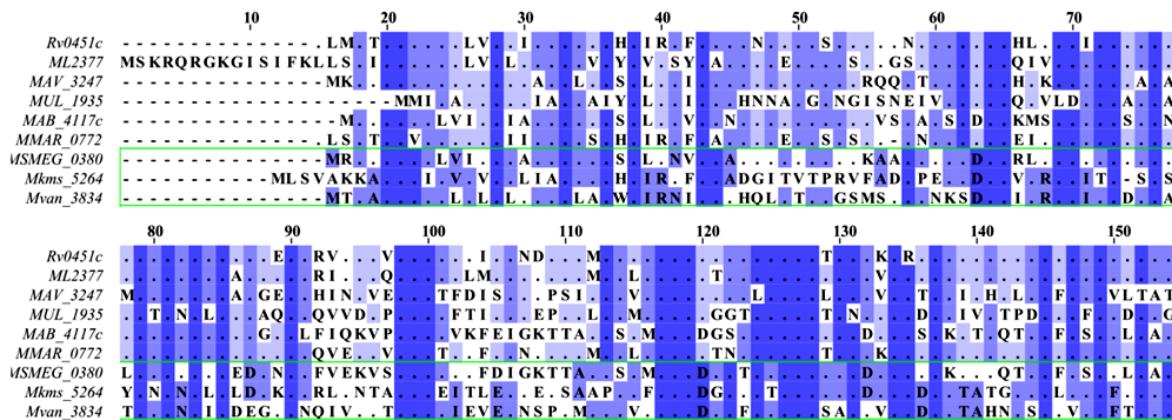


SNARE associated Superfamily

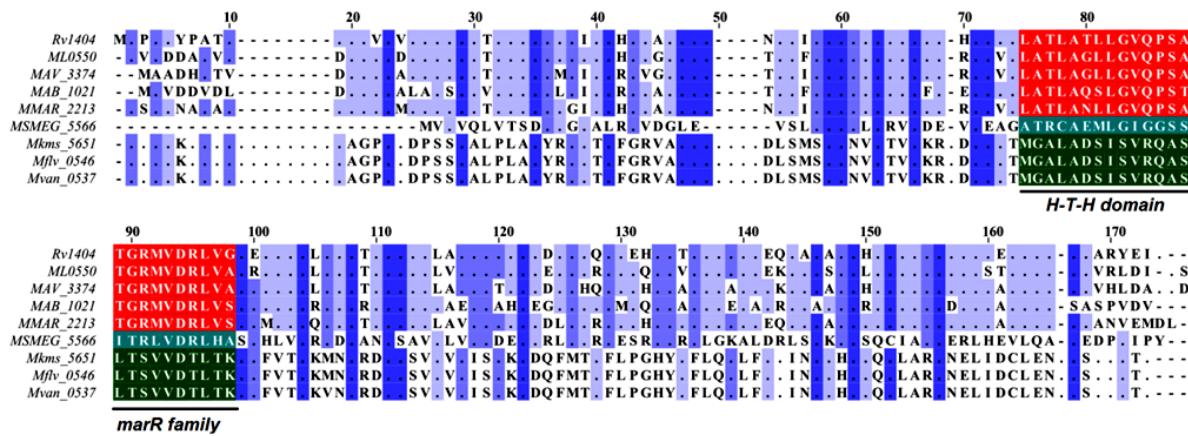
3) Rv0382c – Orotate phosphoribosyltransferase



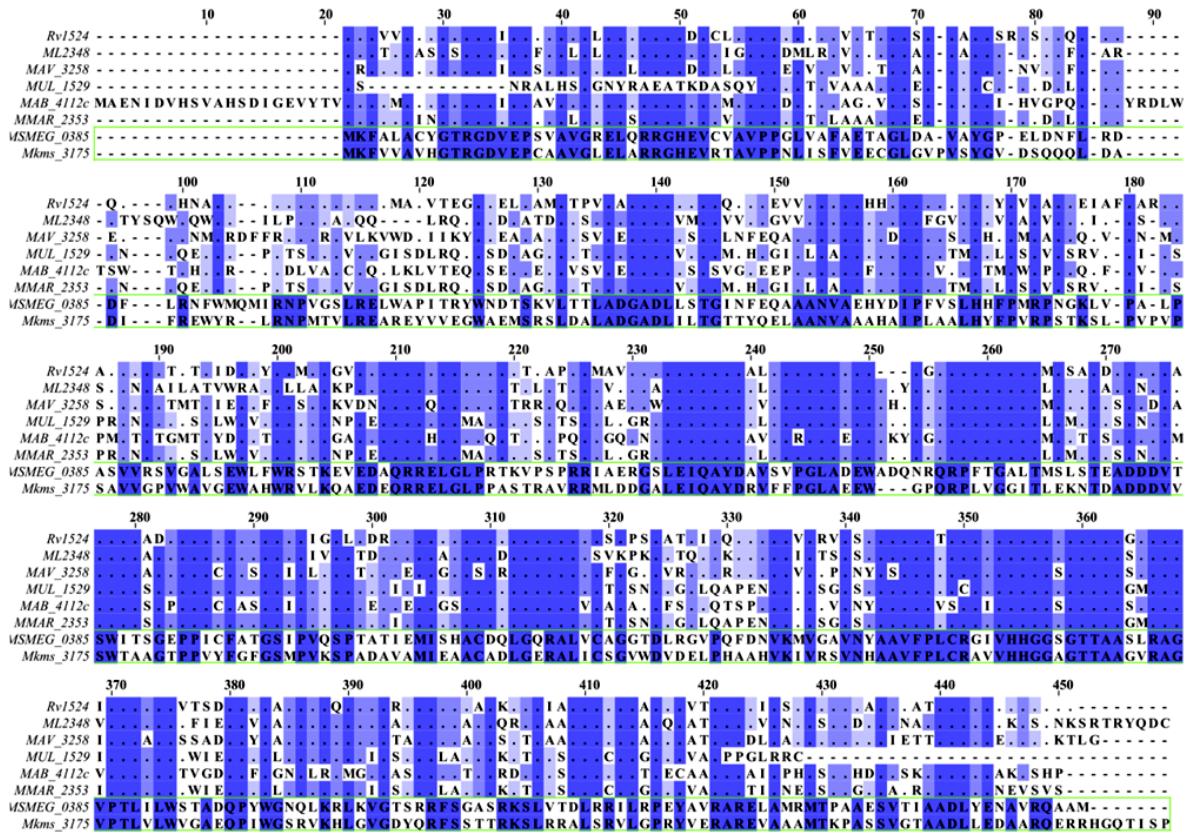
4) Rv0451c – Membrane protein



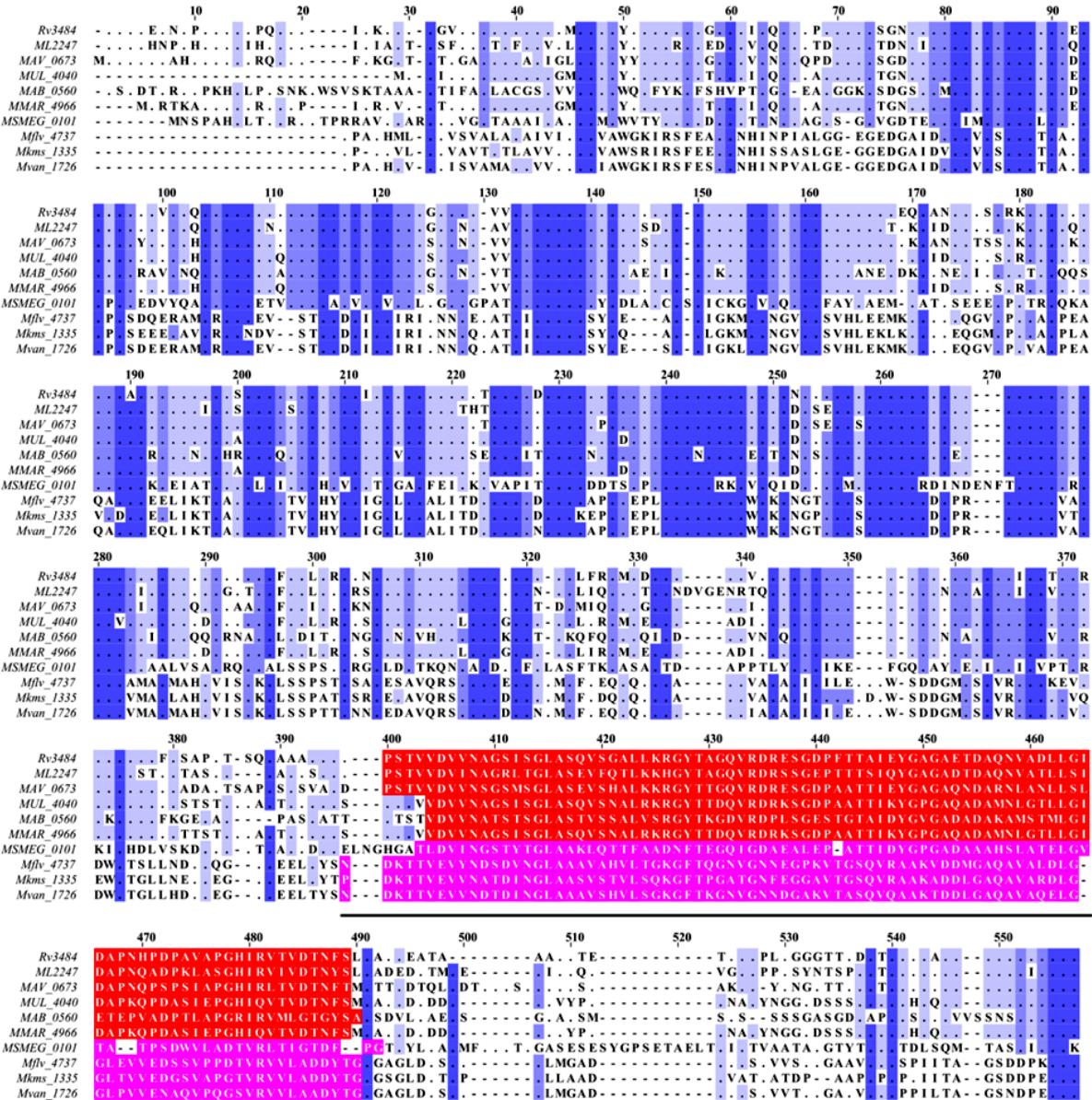
5) Rv1404- Transcriptional regulator



6) Rv1524- Glycosyl transferase

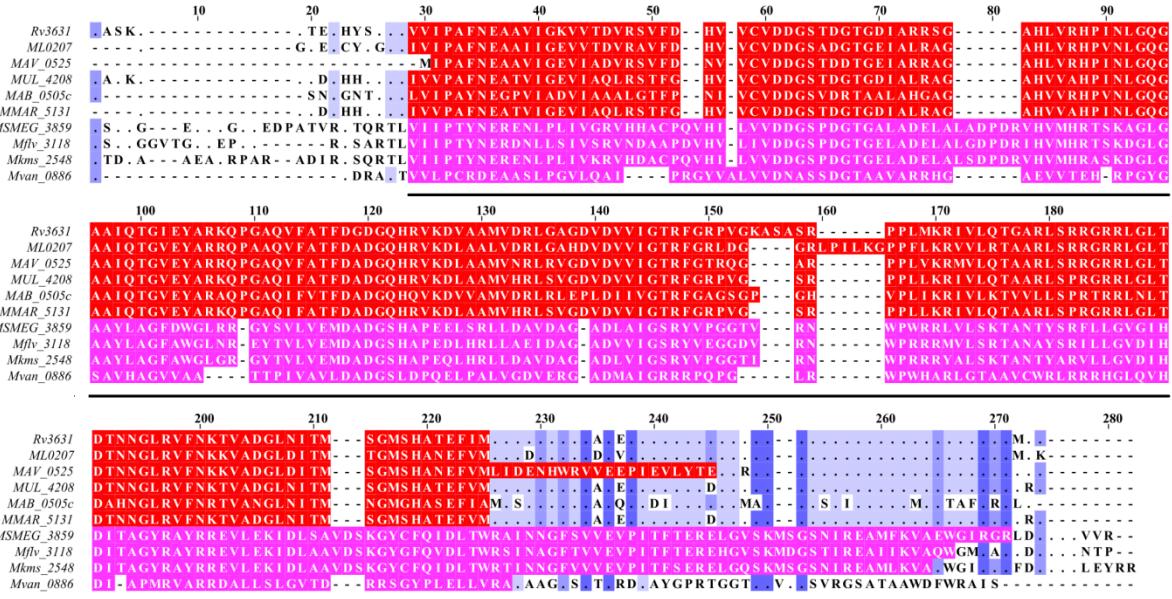


7) Rv3484- Hypothetical protein cpsA



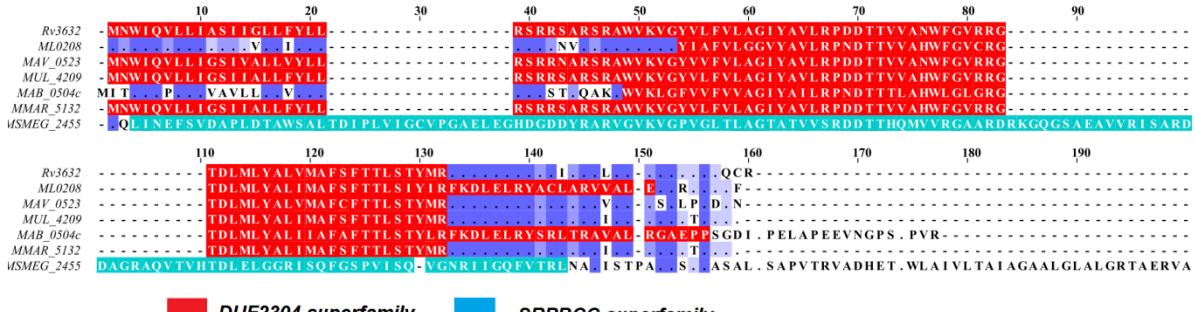
LytR_C superfamily

8) Rv3631- Glycosyl transferase



Glyco_transf_GTA_type superfamily

9) Rv3632- Conserved Membrane protein



DUF2304 superfamily

SRPBCC superfamily