



Figure S2. AlphaFold2 modeling of lipase-immunity protein complexes. **A)** Superimposition of structural models for the isolated lipase domain (red) and the lipase (orange) • Tli (green) complex. **B)** Predicted conformational changes in the lipase domains from panel A. The positions of helices $\alpha 5$, $\alpha 10$ and $\alpha 11$ are indicated for the isolated lipase (red) and Tli-bound domain (orange). Models of the lipase domain (raspberry) bound to Tli-64 (**C**), Tli-231 (**D**), Tli-663 (**E**) and Tli-673 (**F**) immunity proteins colored in marine. The latter complexes are superimposed onto the wild-type lipase•Tli complex from panel A for comparison. The Tn5 encoded extension at the C-terminus of Tli-673 is colored gray (**F**). Catalytic Ser341 and His448 residues are rendered as spheres and indicated in each panel.