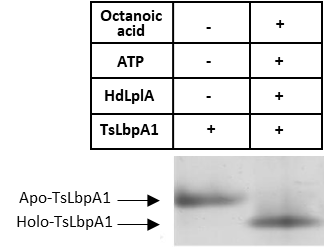
**Figure 7-figure supplement 1**



Mobility shift assay for analysis of *in vitro* octanoylation catalyzed by HdLplA from *Hyphomicrobium denitrificans* (Hden\_0686) using LbpA1 from *Thiorhodospira sibirica* (TsLbpA1, ThisiDRAFT\_1533) as acceptor. Loss of the positive charge of the modified lysine amino group of TsLbpA1 results in faster migration of the modified form on Urea-PAGE gels.