Fig. S2. Overexpression and effects on H-protein of *E. coli* lipoate-protein ligase A.

A, Purity of the recombinant LplA after metal affinity chromatography.

B (upper panel), Native PAGE showing progress of *in vitro* lipoylation of FtGLDH by LplA over 30 min. Lipoylated H-proteins migrates somewhat faster due to ε-lipoamidylatation of a specific lysine residue.

B (lower panel), Western Blot analysis with an antibody against lipoic acid also shows progress of lipoylation.