

Supporting Figures

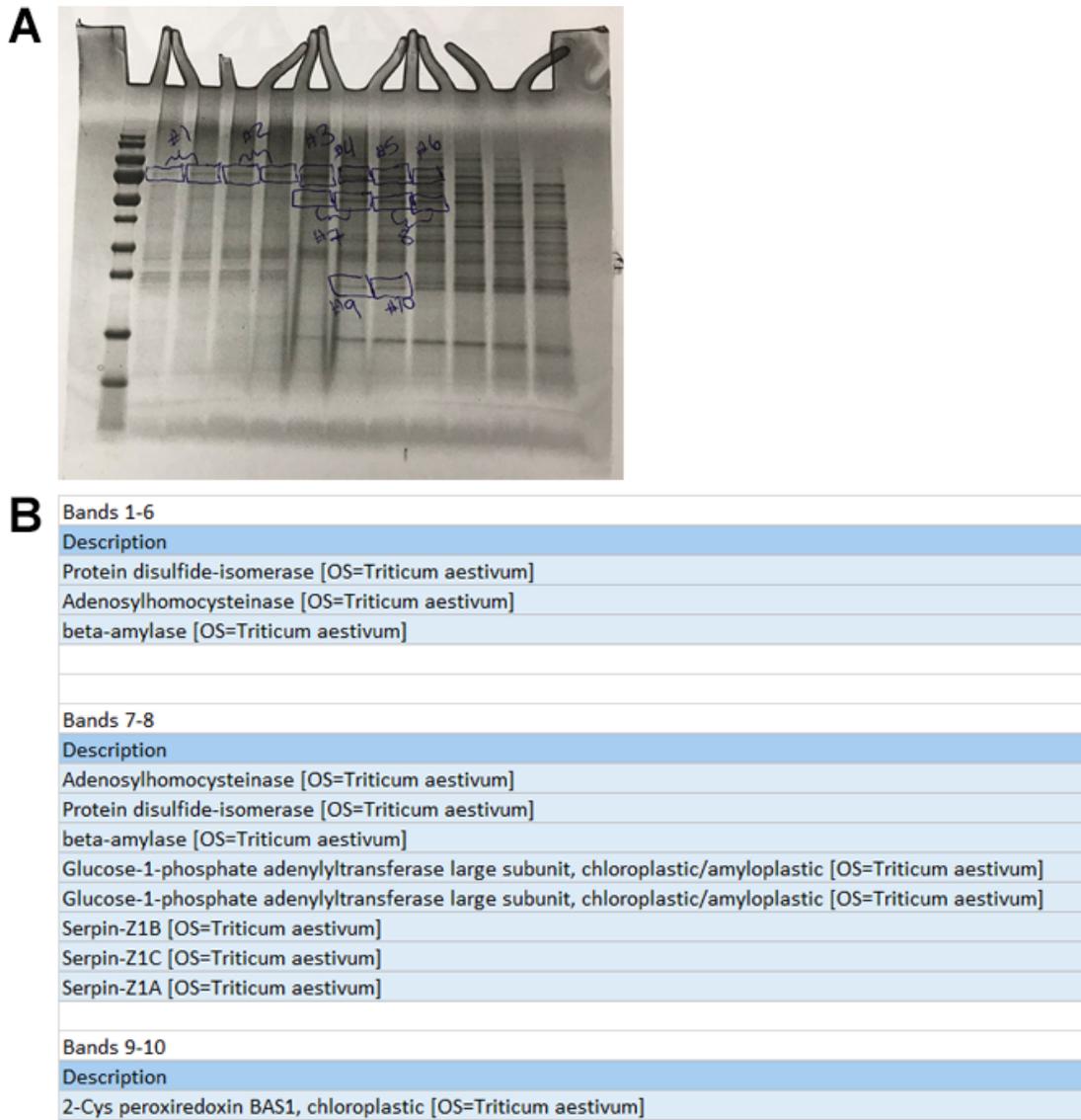


Figure S1. Survey of proteins identified from crude lipolytic preparation derived from Wheat Germ. A. Wheat germ lipase preparation was purified using size exclusion chromatography. The fractions were also analysed using SDS-PAGE and numerous proteins were found to be present in the crude preparation. A number of these were selected for characterization by mass spectrometry fingerprint analysis. **B.** Proteins from *T. aestivum* identified in the fingerprint analysis.

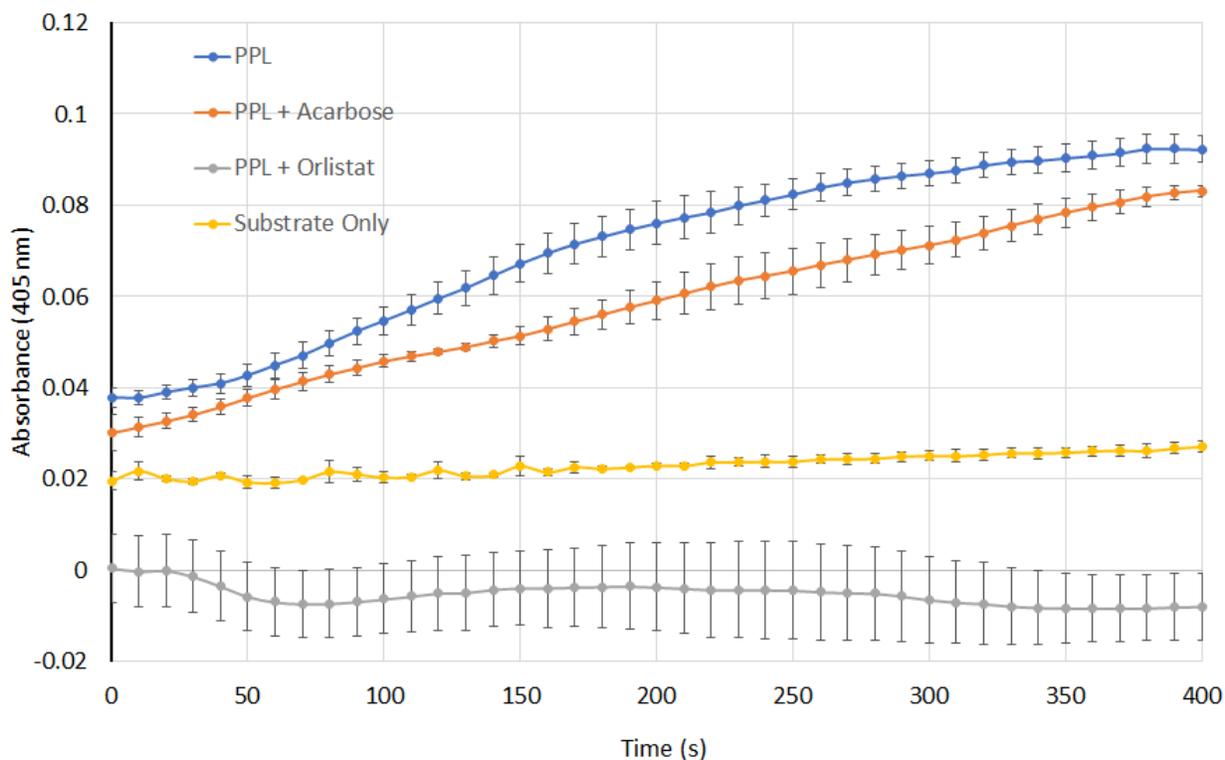


Figure S2. Effect of inhibitors on lipolytic activity of a crude preparation from Porcine Pancreas. PPL (70 mg) was suspended in 3 mL of Tris-Glycerol buffer (13 mM Tris HCl, pH 8, 150 mM NaCl, 3 mM CaCl₂, 5% glycerol) for 10 min, then centrifuged to remove insoluble material. The resulting supernatant (1 mL) was then combined with the inhibitor (5 mg Orlistat or Acarbose) dissolved in 200 μ L of methanol. The resulting solutions were incubated for 10 min at room temperature on an end-over-end rotator, then filtered (Millipore centrifugal filter) to remove insoluble material. 100 μ L of the resulting solutions were then assayed in the presence of p-nitrophenylpalmitate (5 μ L of a 2.5 mM stock solution in DMSO) with a Molecular Devices M2e plate reader (405 nm, readings acquired every 10 s). Assays were performed in triplicate, error bars represent S.E.M.