

Fig. S4. (a) Hanes-Hultin plot used to determine the  $V_{MAX}$  and  $K_M$  values for PGA. (b) Dixon plot used to calculate the inhibition constant,  $K_i$ , for the enzymatic end-products of PGA hydrolysis. Two different substrate concentrations were employed in this assay: ( $\blacksquare$ ) 0.375 and ( $\Delta$ ) 0.4375 mg/ml; for each one, PG activity was measured in the presence of increasing amounts of end-products, expressed as [GALA].