



Figure S2. Analysis of MYORG kinetics against 4MU- α -D-galactopyranoside. **a**, Michaelis-Menten plot, k_{cat}/K_M was estimated from linear regression analysis. Three technical replicates \pm standard error. **b**, pH activity profile of MYORG assayed in varying pH phosphate-citrate buffer. Three technical replicates \pm standard error. **c**, Activity of MYORG in the presence and absence of 10 μ M DGJ. Three technical replicates \pm standard deviation. All raw data underlying graphs can be found in S1_Data.