



S6 Fig. Time study of trans-fucosylation catalysed by metagenome-derived α -L-fucosidases. Reactions were done using 25 mM pNP-Fuc as donor and 100 mM lactose as acceptor at 30 °C and optimal pH. The concentrations were determined by HPAEC-PAD and for pNP by spectrophotometry. L-fucose (■), pNP (◆), pNP-Fuc (X), 2'-FL (▲), and FL (●). Note that the concentrations on the secondary axis are lower than for Thma and Mfuc5 in the main text.