

Supplementary Figure S4. BOS catalyzes the formation of β -ODAP from oxalyl-CoA and L-DAPA. Reaction mixtures containing buffered solutions of purified BOS (1 μ M), L-DAPA (480 μ M), and oxalyl-CoA (1.8mM), Complete mix; L-DAPA (480 μ M) and oxalyl-CoA (1.8mM), Ctrl 1 (-); or L-DAPA (480 μ M), Ctrl 2 (-) were incubated for 1h at 37°C. The concentrations of β -ODAP, α -ODAP and L-DAPA were determined by LC-MS. Data represent the mean ± SD of 5 replicate samples.