



Figure S4. Growth dynamics of *S. oneidensis* MR-1 wild-type and selected deletion mutants. Wild-type (●) and $\Delta SO0781$ (○) deletion mutant were grown on lactate (18 mM) or acetate (45 mM) in M1 medium supplemented with NH₄Cl or glycine (10 mM) as the sole source of nitrogen. Crimp-sealed serum bottles were used for cultivation, starting OD₆₀₀ values were 0.01 (A and B) and 0.003 (C).