Supplementary Information

Enantioselective biosynthesis of L-phenyllactic acid by coupling L-lactate dehydrogenase with glucose dehydrogenase

Fig. S1. HPLC analysis of the asymmetric reduction of PPA catalyzed by L-LcLDH1^{Q88A/I229A}(Pp) and L-LcLDH1^{Q88A/I229A}(Pp) coupling with LsGDH^{D225C}, respectively. (a) Standard samples of PPA、Phe、PLA. (b) The product analysis PLA catalyzed PPA by L-LcLDH1^{Q88A/I229A}(Pp). (c) Standard samples of L/D-PLA. (d) The product analysis L-PLA catalyzed PPA by L-LcLDH1^{Q88A/I229A}(Pp) coupling with LsGDH^{D225C}. 