Figure S2. Fermentation profiles of XR-XDH-inserted and XI-inserted strains with pho13delta on xylose containing medium. Cells were initially inoculated at OD_{600}=5 and cultivated in 60 g/L xylose for 72 hours at 36 °C. a, b: concentration of D-xylose; c, d: concentration of ethanol; a, c: S. cerevisiae expressing XR-XDH; b, d: S. cerevisiae expressing XI. Blue line: control strains (YK001 or SS82); Red line: strains with PHO13 deletion (YK002 or YK149); Green line: strains overexpressing all PPP genes with PHO13 deletion (YK115 or YK150). Each data point is an average of triplicate cultures.