



Supplementary figure 3 Time course for growth of *L. lactis* NZ3900 or *Lb. plantarum* TLG02 cultivated with pH control at pH 6.5.

Panel A: *L. lactis* NZ3900/pVK51ORFdkr; Panel B: *Lb. plantarum*/pSIP603ORFdkr; Panel C: *Lb. plantarum*/pSIP609ORFdkr. The graph shows OD₆₀₀ (triangles down), 2,5-DKG reductase activity (units per liter of fermentation broth) (circles white) and specific activity (units per milligram protein) (circles black).