



**Figure S3.** Kinetic analysis of *LpGSTU25* (a), *LpGSTU2* (b), *LpGSTU5* (c), using the GSH as a variable substrate and CDNB at a fixed concentration. Experiments were performed in triplicate. Kinetic analysis of *LpGSTU25* (d), *LpGSTU2* (e), *LpGSTU5* (f), using CDNB as a variable substrate and GSH at a fixed concentration. Experiments were performed in triplicate.