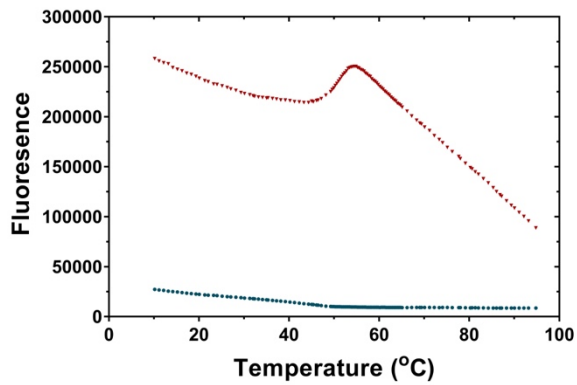
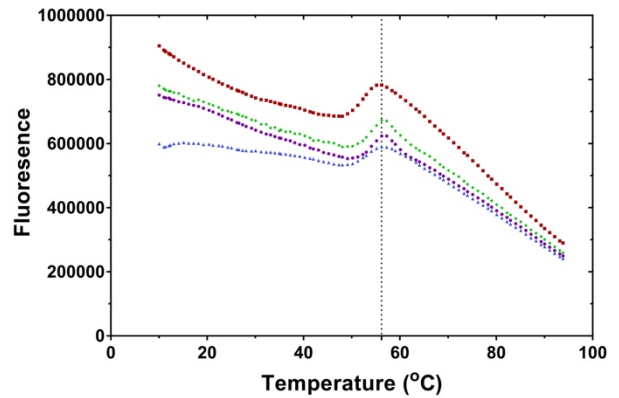
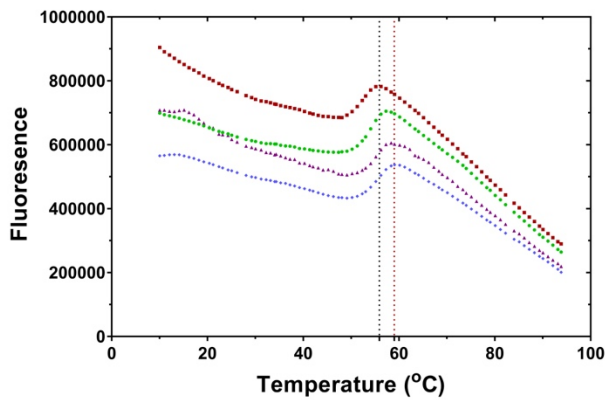


**A****B****C**

**Supplementary Figure 3. Thermal inactivation curves for *PvGmGSTUG*** **A.** Thermal denaturation curve (upper line) for *PvGmGSTUG* (1.43  $\mu\text{g}$ ) using differential scanning fluorimetry and response of control sample (lower line) **B.** Thermal denaturation curve for *PvGmGSTUG* (1.43  $\mu\text{g}$ ) in the absence (red line) or presence of GSH (green: 0.1 mM, purple: 0.5 mM, blue: 1 mM) using differential scanning fluorimetry. **C.** Thermal denaturation curve for *PvGmGSTUG* (1.43  $\mu\text{g}$ ) in the absence (red line) or presence of S-(p-nitrobenzyl)-GSH (green: 0.1 mM, purple: 0.5 mM, blue: 1 mM) using differential scanning fluorimetry.