

## **New insights into the mechanism of substrates trafficking in Glyoxylate/Hydroxypyruvate reductases.**

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### **ONLINE-ONLY MATERIAL**

In this section we have included supporting information concerning one figure.

### Supplementary Figure S1:

For all panels, relative specific activity as a function of temperature is represented for *P. furiosus* GRHPR (circle, green), *P. horikoshii* GRHPR (square, red) and *P. yayanosii* GRHPR (triangle, blue) for (A) Hydroxypyruvate reductase (HPR) activity with NADH, (B) Hydroxypyruvate reductase activity with NADPH, (C) Glyoxylate reductase (GR) activity with NADH and (D) Glyoxylate reductase activity with NADPH. Standard deviation bars are not visible when they are smaller than the font size used for the data point. Assays were performed as described under “Methods”.

