

Supplementary data for article:

Blažić, M.; Kovačević, G.; Prodanović, O.; Ostafe, R.; Gavrović-Jankulović, M.; Fischer, R.; Prodanović, R. Yeast Surface Display for the Expression, Purification and Characterization of Wild-Type and B11 Mutant Glucose Oxidases. *Protein Expression and Purification* **2013**, 89 (2), 175–180. <https://doi.org/10.1016/j.pep.2013.03.014>

*Supplementary Data*

**Yeast surface display for the expression, purification and characterization of wild-type and B11 mutant glucose oxidases**

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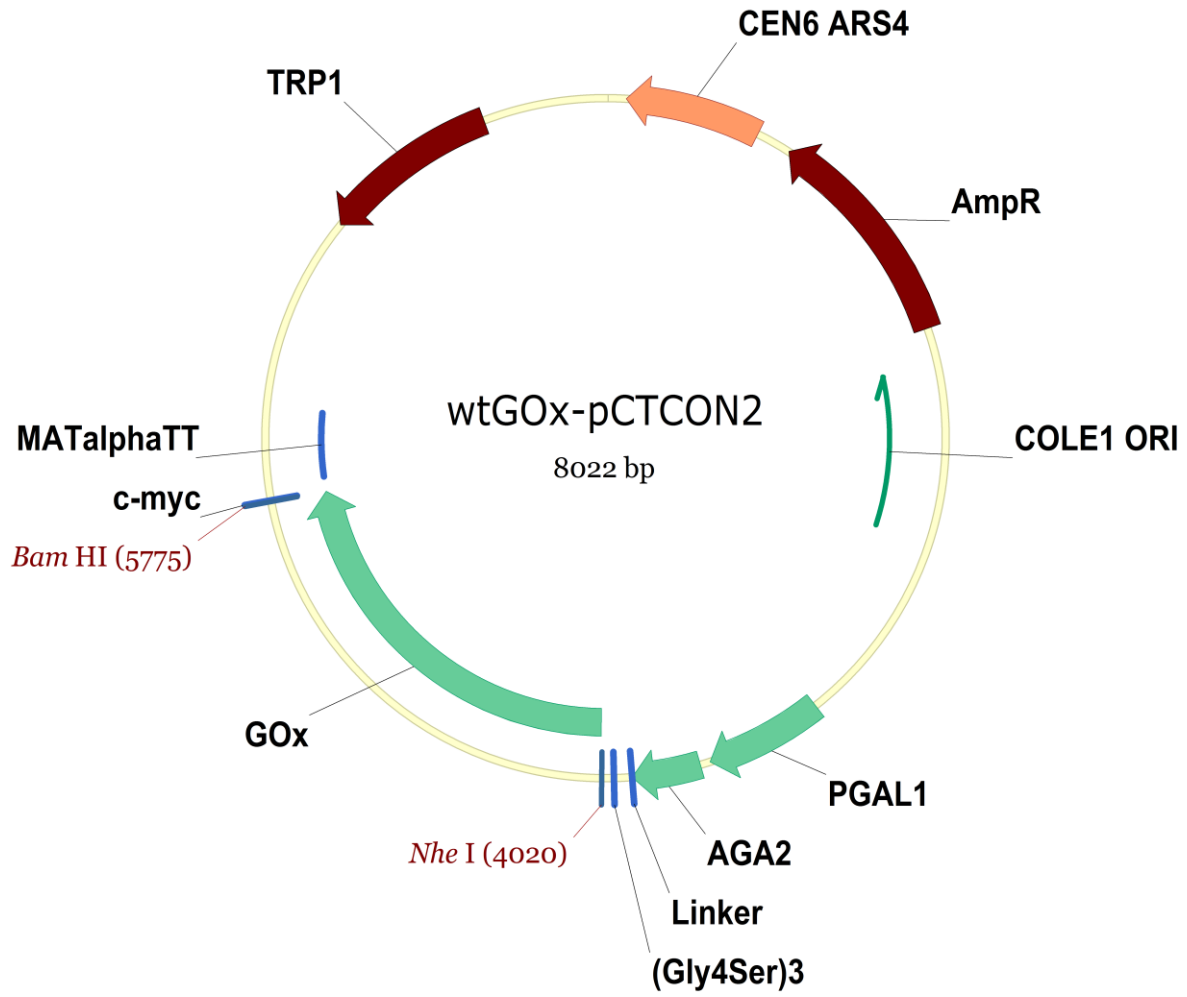
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**Suppl. Table 1.** Purification table for Aga2-wtGOx

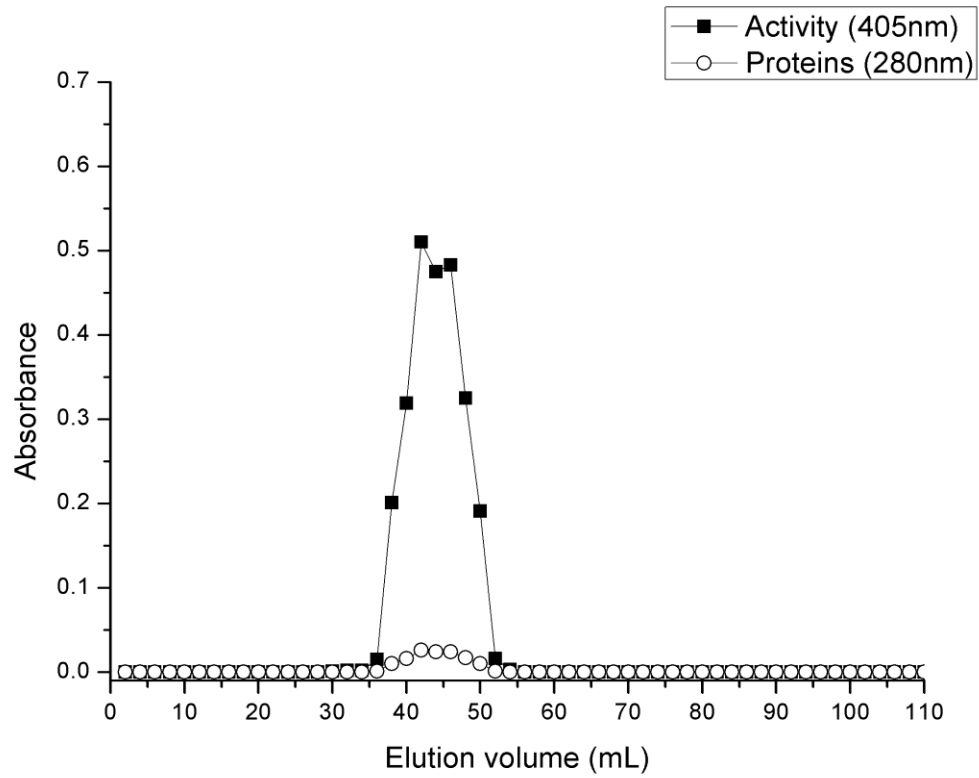
Purification step	Volume (mL)	GOx (U/mL)	Protein (mg/mL)	Total activity (U)	Specific activity (U/mg)	Purification factor	Yield (%)
Extract	10.0	0.90	0.14	9.0	6.6	1	100
Ion exchange	0.200	27.2	1.09	5.44	25.0	3.8	60

**Suppl. Table 2.** Purification table for Aga2-B11GOx

Purification step	Volume (mL)	GOx (U/mL)	Protein (mg/mL)	Total activity (U)	Specific activity (U/mg)	Purification factor	Yield (%)
Extract	10.0	3.6	0.19	36	19	1	100
Ion exchange	0.200	74.5	1.62	14.9	46.0	2.4	41



**Suppl. Figure 1.** Vector map of Aga2-GOx-pCTCON2 construct



**Suppl. Figure 2.** Gel filtration of 0.5mL of purified AGA2-GOx construct on Sephadex G-200 (superfine) column ( $V_t=110\text{mL}$ ).