

Supplementary data for article:

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Supplementary Data

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

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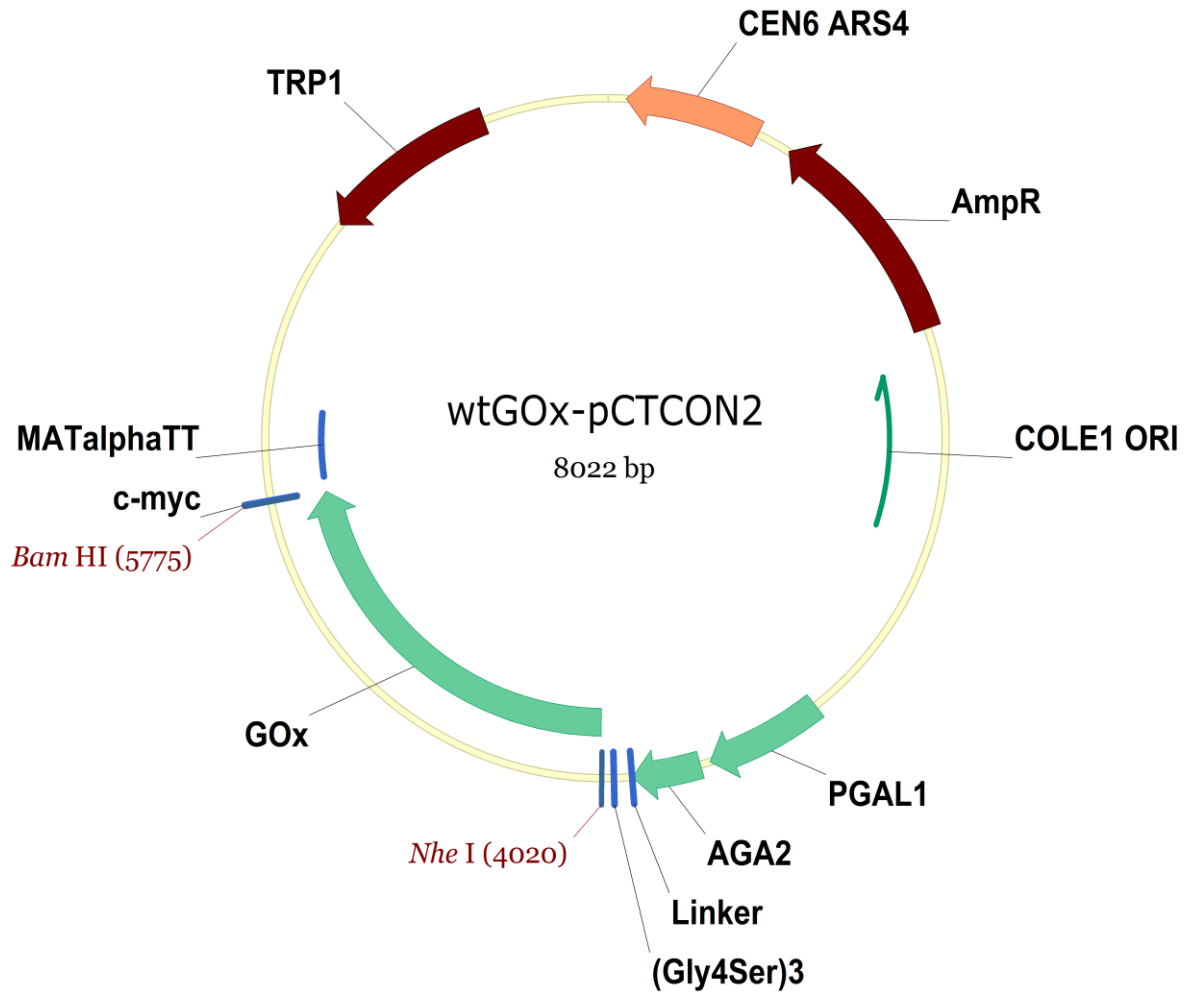
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Suppl. Table 1. Purification table for Aga2-wtGOx

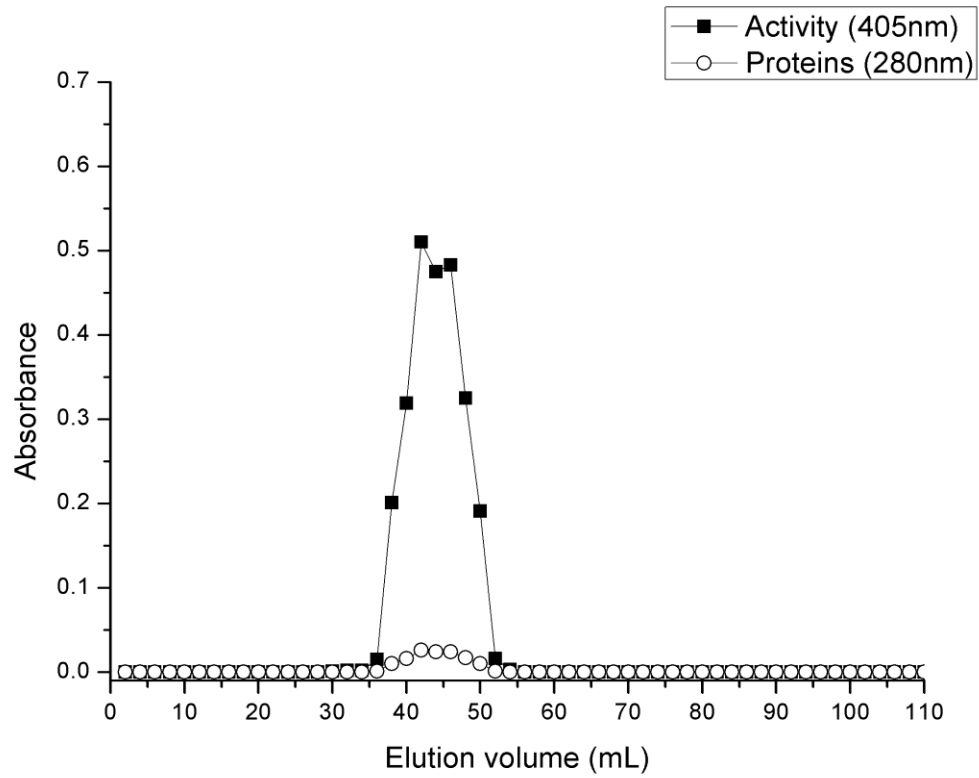
Purification step	Volume (mL)	GOx (U/mL)	Protein (mg/mL)	Total activity (U)	Specific activity (U/mg)	Purification factor	Yield (%)
Extract	10.0	0.90	0.14	9.0	6.6	1	100
Ion exchange	0.200	27.2	1.09	5.44	25.0	3.8	60

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 ($V_t=110\text{mL}$).