

ABSTRACT

MULTI-COPY STRATEGY FOR HIGH-TITER AND HIGH-PURITY PRODUCTION OF MULTI-SUBUNIT PROTEINS SUCH AS ANTIBODIES IN TRANSFORMED MICROBES SUCH AS *PICHIA PASTORIS*

Methods for producing heterologous multi-subunit proteins in transformed cells are disclosed. In particular, the present disclosure provides improved methods of producing multi-subunit proteins, including antibodies and other multi-subunit proteins, which may or may not be secreted, with a higher yield and decreased production of undesired side-products. In exemplary embodiments, the transformed cells are a yeast, e.g., methylotrophic yeast such as *Pichia pastoris*.

(Figure 2)