

Highlights

- Random multi-copy constitutive expression of *xynB* was achieved in *S. cerevisiae*
- Xylanase gene copy number was not linearly related to enzyme activity
- Overexpression of *HAC1* increased xylanase expression in the transformants
- Overexpression of *HAC1* enhanced the expression of protein folding-associated genes
- Protein folding processing function of Endoplasmic reticulum is an important factor restricting the expression of foreign proteins