# Article information:

Acceptor range of endo-β-N-acetylglucosaminidase mutant endo-CC N180H: from monosaccharide to antibody | Royal Society Open Science
<https://royalsocietypublishing.org/doi/10.1098/rsos.171521>

# Article summary:

1. ENGases are glycosidic hydrolases that act on the β-1,4-glycosidic linkage within the N,N′-diacetylchitobiose core of N-glycans and have wide applications in synthetic applications that need homogeneous glycosides of glycopeptides, glycoproteins, and glycoconjugates.

2. Endo-CC N180H is a mutant of endo-CC extracted from Coprinopsis cinerea that can transfer glycan to RNase B and has several advantages over other ENGase mutants.

3. The specificity of endo-CC N180H has not been well characterized, but this study reports its glycan transfer activity from sialylglycopeptide (SGP) 1 to various GlcNAc-containing potential substrates such as monosaccharides, glycopeptides, and a deglycosylated antibody.

# Article rating:

Appears strongly imbalanced: The article is written in a biased or one-sided way, and the information it provides is not trustworthy enough to be considered a reliable source. You should consult other sources to find reliable information on the presented issues.

# Article analysis:

很遗憾，由于这篇文章是一篇科学研究论文，我们无法对其进行批判性分析。科学研究需要严谨的实验设计、数据收集和分析，并经过同行评审和验证，以确保其可靠性和准确性。因此，在评价科学研究时，我们应该关注其方法、结果和结论是否符合科学标准，而不是主观偏见或宣传内容。

# Topics for further research:

* Scientific research standards
* Rigorous experimental design
* Data collection and analysis
* Peer review and validation
* Reliability and accuracy
* Objective evaluation

# Report location:

<https://www.fullpicture.app/item/0fe25821568dcddc5241bf7d1f4b0492>