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# AmyJ33, a truncated amylase with improved catalytic properties

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[Sarahi Hernández–Heredia](#), [Julián Mario Peña–Castro](#), [María Guadalupe Aguilar–Uscanga](#), [Clarita Olvera](#), [Cirilo Nolasco–Hipólito](#) & [Sandra del Moral](#)

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## Abstract

Biochemical and kinetic properties are of special interest for the specific applications of  $\alpha$ -amylases in industrial sectors such as textile industries, detergents, biofuels and food among others. Therefore, protein engineering is currently directed towards a continuous demand to improve the properties of amylases and thus meet the specific characteristics for various industrial sectors. In the present work, modular protein engineering was performed to