

Title (en)

THERMITASE VARIANTS HAVING DECREASED ADSORPTION AND INCREASED HYDROLYSIS

Title (de)

THERMITASE VARIANTEN MIT VERMINDERTER ADSORPTION UND ERHÖHTER HYDROLYSE

Title (fr)

VARIANTS DE LA THERMITASE DOTES D'UN POUVOIR D'ADSORPTION REDUIT ET D'UNE CAPACITE D'HYDROLYSE ACCRUE

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Application

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Abstract (en)

[origin: WO9628558A1] The present invention relates to Thermitase variants having a modified amino acid sequence of wild-type Thermitase amino acid sequence, the wild-type amino acid sequence comprising a first loop region, a second loop region, a third loop region, a fourth loop region, a fifth loop region and a sixth loop region; wherein the modified amino acid sequence comprises different amino acids than that occurring in wild-type Thermitase (i.e., substitution) at specifically identified positions in one or more of the loop regions whereby the Thermitase variant has decreased adsorption to, and increased hydrolysis of, an insoluble substrate as compared to the wild-type Thermitase. The present invention also relates to DNA sequences encoding such Thermitase variants. The present invention also relates to compositions comprising such Thermitase variants for cleaning a variety of surfaces.

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