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(54) Title: DIPEPTIDYLPEPTIDASE AND LEUCINE AMINOPEPTIDASE POLYPEPTIDE VARIANTS

(57) Abstract: The present disclosure relates to polypeptides with peptidase activity that are truncated variants of dipeptidylpeptidase IV (DPP-IV) and leucine aminopeptidase (LAP) polypeptides, nucleic acids such as vectors encoding them, as well as host cells comprising the nucleic acids described herein and optionally expressing the polypeptides described herein. The polypeptides and nucleic acids described herein are useful in medical applications such as in the treatment of gluten-related disorders including celiac disease (CeD) and non-celiac gluten sensitivity (NCGS) as well as other diseases that may profit from a gluten-free diet (GFD).

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