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(54) Title: ENGINEERED PHOSPHOPENTOMUTASE VARIANT ENZYMES

(57) Abstract: The present invention provides engineered phosphopentomutase (PPM) enzymes, polypeptides having PPM activity, and polynucleotides encoding these enzymes, as well as vectors and host cells comprising these polynucleotides and polypeptides. Methods for producing PPM enzymes are also provided. The present invention further provides compositions comprising the PPM enzymes and methods of using the engineered PPM enzymes. The present invention finds particular use in the production of pharmaceutical compounds.

