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(54) Title: ENGINEERED TRANSAMINASE POLYPEPTIDES

(57) Abstract: The present disclosure provides engineered transaminase polypeptides useful for the synthesis of chiral amine compounds under industrially relevant conditions. The disclosure also provides polynucleotides encoding the engineered transaminase polypeptides, host cells capable of expressing the engineered transaminases, and methods of using the engineered transaminases for the production of chiral amine compounds.

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