



Gene Construct Encoding Mutant Thioesterase, Mutant Thioesterase Encoded Thereby, Transformed Host Cell Containing The Gene Construct, And Method Of Using Them To Produce Medium-Chain Fatty Acids

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The Invention

Unnatural, mutated thioesterases having an amino acid sequence that is at least 80% identical to SEQ. ID. NO: 1 and having substitutions at one or more of amino acid positions I107, R108, L109, S122, M141, E142, Y145, and L146, gene constructs encoding and configured to express the mutated thioesterases in a transformed host cell and host cells transformed to contain the gene constructs.

Stage of Development

The development of this technology was supported by WARF Accelerator. WARF Accelerator selects WARF's most commercially promising technologies and provides expert assistance and funding to enable achievement of commercially significant milestones. WARF believes that these technologies are especially attractive opportunities for licensing.

Additional Information

For More Information About the Inventors

- [Brian Pflieger](#)

Related Intellectual Property

- [View Continuation Patent in PDF format.](#)
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Tech Fields

- [Clean Technology : Biobased & renewable chemicals & fuels](#)

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854