Written by nguyen Monday, 05 May 2014 16:23 - Last Updated Wednesday, 06 August 2014 22:16

## Plant Biotechnology Journal. First published: 26 July 2014

```
Authors: Huu Tam Nguyen<sup>1</sup>, Hyunwoo Park<sup>2</sup>, Karen L. Koster<sup>3</sup>, Rebecca E. Cahoon<sup>1</sup>, Hanh TM Nguyen

2

, John Shanklin

4

, Thomas E. Clemente

2

, and Edgar B. Cahoon*
```

## **Abstract**

Seed oils enriched in omega-7 monounsaturated fatty acids, including palmitoleic acid (16:1D9) and *cis*-vaccenic acid (18:1D11), have nutraceutical and industrial value for polyethylene production and biofuels. Existing oilseed crops accumulate only small amounts (