

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Complete phylogeny of BAHD-acyltransferases derived from the LS007 genome assembly, TAIR11 *Arabidopsis thaliana* and the INRA *Pisum sativum v1a* genome assembly

File Name: Supplementary Data 2

Description: Annotations corresponding to gene candidates for enzymes involved in β -L-ODAP synthesis