

## ABBREVIATIONS

ACP	Acyl carrier protein
AmSO <sub>4</sub>	Ammonium sulfate
APS	Ammonium persulfate
ATP	Adenosine triphosphate
BSA	Bovine serum albumin
Ci	Courie
CoA	Coenzyme A
CTAB	Cetyltriethyl ammonium bromide
DAF	Days after flowering
DAG	Diacylglycerol
DEAE	Diethyl amino ethyl
DEGS	Diethylene glycol succinate
DEPC	Diethyl pyrocarbonate
DMSO	Dimethyl sulfoxide
DTT	Dithiothreitol
EDTA	Ethylene diamine tetra-acetate
EtBr	Ethidium bromide
FA	Fatty acid
FAS	Fatty acid synthetase
FAME	Fatty acid methyl ester
FAT	Fatty acyl-ACP thioesterase
FID	Flame ionisation detector
GLC	Gas-liquid Chromatography
hr.	Hour
IPTG	Isopropylthio- $\beta$ -D-galactopyranoside
KAS	Ketoacyl-ACP synthetase
kDa	Kilo Dalton
LA	Luria agar
LB	Luria broth

LC-FAT	Long chain specific fatty acyl-ACP thioesterase
2-ME	2-Mercaptoethanol
min.	Minute
MOPS	3-[N-Morpholino]propane sulfonic acid
no.	Number
O.D.	Optical density
PAGE	Polyacrylamide gel electrophoresis
PBE	Polybuffer exchanger
PC	Phosphatidyl choline
PCR	Polymerase chain reaction
PEG	Polyethylene glycol
Pi	Inorganic phosphate
PMSF	Phenylmethyl-sulfonyl fluoride
PO-FAT	Palmitoyl-Oleoyl specific fatty acyl-ACP thioesterase
POPOP	1,4-Bis[2-(5-phenyloxazolyl)] benzene
PPO	2,5-Diphenyloxazole
PVDF	Polyvinylidene difluoride
RACE-AMP	Rapid amplification of cDNA ends - amplification primer
RACE-AP	Rapid amplification of cDNA ends - adaptor primer
rpm	Revolution per minute
RT	Retention time
RT-PCR	Reverse transcription - polymerase chain reaction
SDS	Sodium dodecyl sulfate
TAG	Triacylglycerol
TEMED	N,N,N',N'-Tetramethyl ethylenediamine
Temp.	Temperature
TLC	Thin layer chromatography
Tris	Tris (hydroxymethyl) amino methane
vol.	Volume
wt.	Weight
x-gal	5-bromo-4-chloro-3-indolyl- $\beta$ -D-galactopyranoside