

Table S1: Primer used for the cloning of genes and molecular analysis of transformants

Primer Name	Sequence (5'-3')
M13_F	TGTAAAACGACGGCCAGT
M13_R	CAGGAAACAGCTATGACCATG
OsLip1_sgRNA_F	GGCA CAGCTTGATGTAGGTTATCC
OsLip1_sgRNA_R	AAAC GGATAACCTACATCAAGCTG
Cas9_F	CCAGACGGAAGAACCGGATCTG
Cas9_R	GATGCTGCCGTTGTCTGAAGGTC
OsLip1-specific PCR F	GGCTTTTGTGGAGTCGCCCC
OsLip1-specific PCR R	GCATCGTTCTGTGCCCTTGACC
OsLip1-specific Sequencing F	AGGCACACAAGAACACAG
GolS_F (Gateway cloning)	CACCATGGCTCCTCCCCAGCTTGCCGG
GolS_R (Gateway cloning)	CGCGGCCGATGGCGCCGTGAC
GolS_SQ_F (Semi-quantitative RT-PCR)	CATCTCCCAGGGCTGCATCGTC
GolS_SQ_F (Semi- quantitative RT-PCR)	GTCGGCCACGCCACCTTGTC
OsUBQ_F	CTTCGTGAAGACCCTGACGGGGA
OsUBQ_R	TCCTTCCTTACTTCCGCCCCCA