

Supplementary Table S1: Localization of T-DNA insertions in homozygous IPMI SSU1:RFP, IPMI SSU2:ECFP und IPMI SSU3:GFP lines.

Line	SSU1:RFP #5	SSU2:ECFP #4	SSU3:GFP #1
Gene	At2g43090	At2g43100	At3g58990
Size of the IPMI	-431/+753	-981/+768	-1012/+759
SSU gene	(1184 bp)	(1749 bp)	(1771 bp)
Size of the FP	711 bp	716 bp	743 bp
gene			
T-DNA insertion site	double insertion in non-encoding region between At2g35743 and At2g35744 Chr. 2 pos. 15029138	single insertion in non-encoding region between At5g19690 and At5g19700 Chr. 5 pos. 6658855	single insertion -22 nt upstream of ATG of At1g76490 Chr. 1 pos. 28695493

Supplementary Table S2. Oligonucleotide sequences

Name	Sequence (5' to 3')
ssu3/1OE.R	gctgattgcagagaagccgaccattgttctgctacttctaagtgaagcagg
ssu3/1OE.H	cctgcttcacttaagaagtagcagaacaatggcggcttctctgcaatcagc
ssu3/1seq.H	cgtttaggacttagaatggcg
ssu1/3OE.R	gggtttaaaaattgctgagaagtcgccattgtttgttctctttgctgtgg
ssu1/3OE.H	ccacagcaaagagaacaaacaatggcgacttctcagcaatttttaaaccc
ssu1comp.H	atgcagtcgagcggcgcgcccgagttcttcttgagc
ssu1comp.R	gacttcgagtttaattaagccattcagaattccaaacg
ssu2comp.H	atgcagtcgagcggcgcgcccgctggaccagtgattgatgc
ssu2comp.R	gacttcgagtttaattaaggcggtataaagtaggagtcg
ssu3comp.H	atgcagtcgagcggcgcgccgcaagtggaggaaatacg
ssu3comp.R	gacttcgagtttaattaagatctcatttgtagattgc
ssu3/1FOE.R2	attcctctggattcgaagggatgagagtggtccgtactccgcggggaatgatttg
ssu1FOE.H	ccttcgaatccagaggaat
ssu1/3FOE.R	atcttctggaatcgaaggacgagagtgagaaaactcgcggggattatttg
ssu3FOE.H	ccttcgattccagaagatcgc
LSUPro.H	atgctgctgcagggcttcgtggagctcatcc
LSUPro.R	atgctgctgcaggccattgattcttctctcttc
LSUPro.H2	atgctgggatccggcttcgtggagctcatcc
LSUPro.R2	atgctgggatccgccattgattcttctctcttc
LSUPro.H3	atgctgcccggggcttcgtggagctcatcc
LSUProseq1	ggttttacatggacctcaacc
LSUProseq2	aacttaggaaaatcatagagttaagc
LSUProseq3	atagtcctcaaatagcaagcaac
LSU-Chlp.target	atgcaggaattcgaaaactgggatgacaa

ssu1 -Chlp.target	tacgatcatatggcatcctcatcgttcgtca
ssu1.R-AatII	tacgatgacgtcagcagcagcagatggaatc
ssu2 -Chlp.target	tacgatcatatgtcctccccgacctcatc
ssu2.R-AatII	tacgatgacgtcagctaataatgatggaatcattccc
ssu3 -Chlp.target	tacgatcatatgtccgccacgatcatcac
ssu3R.AatII	tacgatgacgtcagcagaaggaatcatgccg
LSU.R-NotI	atgcaggcgccgcgcctactgcaagaactcccttg
pMDC99-TR1	ccgatggctgtgtagaagtactc
pMDC99-TR2	agtactcgcgatagtggaacc
pMDC99-TR3	cgacaagctcgagtttctcc
At2g35740.H	ggttttaatcggttctgatactactacc
At2g35740.R	gtcctaactgtagctgtgggtg
At5g19690.H	tttgcgggtggaagacgtc
At5g19690.R	tggagtcagtccagaagacac
At1g76490.H	cgtgataagtgtgaaggagag
At1g76490.R	tacgaccattggtctttgcg
At1g76490-2	aagcatcaccagaggcacg
Degenerated-Primer.1	(a/t)gtgnag(a/t)ancanaga
pSAT6seq.up	cagtgccaccataatacccat
CFP.seq	aacttgtggccgtttacg
LB-XL	gtggaccgcttgctgcaac
FLAG-LB1	cactgggattcgtcttggaacac
GUSBACK	cttgtaacgcgctttcccacc
pSAT6.H-(BamHI)	atgcagggatcctgatggtgagcaagggcgag
SSU1-ECFP.H(PacI)	gacttcgagtttaattaacatggaggatgtgaagttctgtctgg
SSU1-ECFP.R(SgsI)	atgcagtcgagcggcgccgaagcagcagcagatggaatcattcc
SSU2-ECFP.H(PacI)	gacttcgagtttaattaagctgcttgattttgacttcagg
SSU2-ECFP.R(SgsI)2	atgcagtcgagcggcgccgaagctaataatgatggaatcattccc
SSU3-GFP.H	atgcagggatccttaaatcgctggttcgcaag
SSU3-GFP.R	atgcagcccgggagcagaaggaatcatgccg