

Table S5. List of mutants obtained using sgRNAs against *PpKAI2L-A*, *PpKAI2L-B*, *PpKAI2L-C*, *PpKAI2L-D* and *PpKAI2L-E* clade i genes without selection.

Mutant Name	Target gene ^a	Type of mutation (bp) ^b	Microhomology motif ^c
II243	<i>PpKAI2L-B</i>	Deletion (12)	CTC
II251	<i>PpKAI2L-B</i>	Insertion (14)	nf
II353	<i>PpKAI2L-B</i>	Insertion (7)	nf
II364	<i>PpKAI2L-B</i>	Deletion (12)	CTC
II421	<i>PpKAI2L-B</i>	Deletion (16)	TGT
II478	<i>PpKAI2L-B</i>	Deletion (12)	CTC
II484	<i>PpKAI2L-B</i>	Insertion (4)	nf
II222	<i>PpKAI2L-E</i>	Deletion (9)	nf
II278	<i>PpKAI2L-E</i>	Deletion (35)	GCCGG
II328	<i>PpKAI2L-E</i>	Deletion (7)	CGGT
II230	<i>PpKAI2L-B</i>	Deletion (12)	CTC
	<i>PpKAI2L-C</i>	Deletion (4)	ACC
II502	<i>PpKAI2L-B</i>	Deletion (12)	CTC
	<i>PpKAI2L-C</i>	Deletion (4)	ACC
II023	<i>PpKAI2L-B</i>	Deletion (12)	CTC
	<i>PpKAI2L-E</i>	Insertion (1) and deletion (11)	nf
II182	<i>PpKAI2L-B</i>	Deletion (12)	CTC
	<i>PpKAI2L-E</i>	Deletion (7)	CGGT
II208	<i>PpKAI2L-B</i>	Deletion (2)	nf
	<i>PpKAI2L-E</i>	Deletion (7)	CGGT
II218	<i>PpKAI2L-B</i>	Deletion (6)	nf
	<i>PpKAI2L-E</i>	Deletion (8)	nf
II257	<i>PpKAI2L-B</i>	Deletion (12)	CTC
	<i>PpKAI2L-E</i>	Insertion (4) and deletion (2)	nf
II452	<i>PpKAI2L-B</i>	Insertion (30) and deletion (14)	nf
	<i>PpKAI2L-E</i>	Deletion (1)	nf
II087	<i>PpKAI2L-C</i>	Deletion (21)	nf
	<i>PpKAI2L-E</i>	Deletion (8)	nf
II224	<i>PpKAI2L-C</i>	Deletion (5)	nf
	<i>PpKAI2L-E</i>	Deletion (9)	GG
II274	<i>PpKAI2L-C</i>	Deletion (5)	CCG
	<i>PpKAI2L-E</i>	Deletion (8)	nf
II333	<i>PpKAI2L-C</i>	Insertion (5)	nf
	<i>PpKAI2L-E</i>	Deletion (8)	nf
II209	<i>PpKAI2L-B</i>	Insertion (4)	nf
	<i>PpKAI2L-C</i>	Deletion (7)	ACC
	<i>PpKAI2L-E</i>	Deletion (9)	GG
II457	<i>PpKAI2L-B</i>	Deletion (12)	CTC
	<i>PpKAI2L-C</i>	Deletion (7)	ACC
	<i>PpKAI2L-E</i>	Insertion (5) and deletion (3)	nf
II507	<i>PpKAI2L-B</i>	Deletion (12)	CTC
	<i>PpKAI2L-C</i>	Deletion (5)	CCG
	<i>PpKAI2L-E</i>	Deletion (7)	CGGT
II239	<i>PpKAI2L-A</i>	Deletion (6)	TGG
	<i>PpKAI2L-B</i>	Deletion (40)	nf
	<i>PpKAI2L-C</i>	Deletion (5)	CCG
	<i>PpKAI2L-E</i>	Deletion (28)	nf

^a: Genes without mutation (WT) are not shown

^b: Number of base pairs in brackets

^c: nf: not found