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Table S2 Transformation constructs used for the generation of *T. thlaspeos* strains. * indicates that the plasmid was part of the plasmid mix used in the first transformation.

Vector	Expression cassette						Insertion locus	Selective marker	Enzyme
	Promoter	ID	Gene	Terminator	ID	1 kb flanks			
pUMa2732*	Um Phsp70	UMAG_03791	hpt-gfp	Um Thsp70	UMAG_03791	-	ectopic	hygromycin	SspI HF
pUMa2790*	Tt Phsp70	THTG_01007	hpt-gfp	Tt Thsp70	THTG_01007	-	ectopic	hygromycin	SspI HF
pUMa2792*	Tt Prps27	THTG_04331	hpt-gfp	Tt Trps27	THTG_04331	-	ectopic	hygromycin	SspI HF
pUMa3030*	Tt Phsp70	THTG_01007	hpt-gfp	Tt Trps27	THTG_04331	-	ectopic	hygromycin	SspI HF
pUMa3031*	Tt Prps27	THTG_04331	hpt-gfp	Tt Thsp70	THTG_01007	-	ectopic	hygromycin	SspI HF
pUMa3576	Tt Phsp70	THTG_01007	hpt-mcherry	Tt Thsp70	THTG_01007	-	ectopic	hygromycin	SspI HF
pUMa3886	Tt Phsp70	THTG_01007	hpt-gfp	Tt Thsp70	THTG_01007	<i>pra1</i> (THTG 02790)	<i>pra1</i>	hygromycin	SspI HF

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