

Table S1: Primers for PvRXLR131 plasmid construction

Plasmid	Primer	sequence
pLB	PvRXLR131Full-length-F	ATGCGTCAAATTCCTCTTGTCG
	PvRXLR131Full-length-R	CTACTCGTGAATATACTGATTCGAG
pSUC2	PvRXLR131SP EcoRI-F	CCG GAATTC ATGCGTCAAATTCCTCTTGTCG
	PvRXLR131SP XhoI-R	CCG CTCGAG GCCTTGAAGACGTGCTGC
pGR106	PvRXLR131 ClaI-F	CC ATCGAT ATGCTAATAAGCGTGACCAACGC
	PvRXLR131 Sall-R	ACGC GTCGAC CTACTCGTGAATATACTGATTCG
pCB1532	PvRXLR131 XhoI-F	CCG CTCGAG ATGCGTCAAATTCCTCTTGTCG
	PvRXLR131 Bgl II-R	GA AGATCT CTCGTGAATATACTGATTCGAG
pBI121	PvRXLR131 XbaI-F	GCT TCTAGA ATGCTAATAAGCGTGACCAACGC
	PvRXLR131 KpnI-R	GG GGTACCC CTCGTGAATATACTGATTCG
pCAMBIA1300	PvRXLR131 XbaI-F	GCT TCTAGA ATGCTAATAAGCGTGACCAACGC
	PvRXLR131 BstBI-R	GG TTCGAA CTCGTGAATATACTGATTCG
pXY106(nYFP)	PvRXLR131 BamHI-F	CG GGATCC ATGCTAATAAGCGTGACCAACGC
	PvRXLR131 Sall-R	ACGC GTCGAC CTACTCGTGAATATACTGATTCG
pColdIII	PvRXLR131 BamHI-F	CG GGATCC ATGCTAATAAGCGTGACCAACGC
	PvRXLR131 Sall-R	ACGC GTCGAC CTACTCGTGAATATACTGATTCG
pGBKT7	PvRXLR131 SfiI-F	TC GGCC ATTAC GGCC ATGCTAATAAGCGTGACCAACGC
	PvRXLR131 SfiI-R	AG GGCC GAGGC GGCC CTACTCGTGAATATACTGATTCG
	PvRXLR131 ^{aa21-119} SfiI-F	TC GGCC ATTAC GGCC ATGCTAATAAGCGTGACCAACGC
	PvRXLR131 ^{aa21-119} SfiI-R	AG GGCC ATTAC GGCC CTAGTACTCAACATTTTTGATCTG
	PvRXLR131 ^{aa58-158} SfiI-F	TC GGCC ATTAC GGCC ATGGGGCTTTCAGATATGC
	PvRXLR131 ^{aa58-158} SfiI-R	AG GGCC ATTAC GGCC CTACTCGTGAATATACTGATTCG
	PvRXLR131 ^{aa120-158} SfiI-F	TC GGCC ATTAC GGCC ATGAAAGGCAATGTCAAG
	PvRXLR131 ^{aa120-158} SfiI-R	AG GGCC ATTAC GGCC CTACTCGTGAATATACTGATTCG

Red font indicates corresponding restriction enzyme recognition sites in the primer name. F: forward primer, R: reverse primer.