

Gene/Homolog name	Plant of origin	Construct name	Vector for the construct	Cloning sites	Transformed plant	Construct's Figure	Promoter
OsPK7	Oryza sativa	pMON80878	pMON 72472	attB1 and attB2	LH59 corn	Figure 1	rACT (promoter leader, intron)
OsPK7	Oryza sativa	pMON71709	pMON 53616	5' BsiWI; 3' XhoI (destroyed by ligation to NotI)	LH244 corn, haploid LH244 corn	Figure 2	rACT (promoter leader, intron)
OsPK7	Oryza sativa	pMON71712	pMON 53616	5' BsiWI; 3' XhoI (destroyed by ligation to Sall)	LH244 corn	Figure 3	CVY-CIK1 (promoter, intron leader)
OsPK7	Oryza sativa	pMON 83200	pMON 53616	5' BsiWI; 3' XhoI (destroyed by ligation to Sall)	LH244 corn	Figure 4	Rab17
ZmPK4	Zea mays	pMON71710	pMON 53616	5' BsiWI; 3' XhoI (destroyed by ligation to Sall)	LH244 corn	Figure 5	rACT (promoter leader, intron)
ZmPK4	Zea mays	pMON71713	pMON 53616	5' BsiWI; 3' XhoI (destroyed by ligation to Sall)	LH244 corn	Figure 6	CVY-CIK1 (promoter, intron leader)
ZmPK4	Zea mays	pMON83201	pMON 53616	5' BsiWI; 3' XhoI (destroyed by ligation to Sall)	LH244 corn	Figure 7	Rab17
ZmPK4	Zea mays	pMON82629	pMON 72472	attB1 and attB2	LH59 corn	Figure 8	rACT (promoter leader, intron)