

Supplemental Table 1: Overview of the segregation analysis on kanamycin and hygromycin of T2 seeds, collected from primary transformants (T1) selected on hygromycin, of the promoterless Lox2DR control construct.

T2 seeds	Selection on Kanamycin				Selection on Hygromycin		
	R	S	$K_{R/S}^1$	χ^2 P-value (fits ratio)	R	S	$H_{R/S}^2$
Lox2DR-2-4	98	28	3.5	0.47 (3:1)	194	66	2.9
Lox2DR-2-6	95	32	2.97	0.96 (3:1)	181	62	2.9
Lox2DR-9-1	94	25	3.76	0.31 (3:1)	275	100	2.75
Lox2DR-9-6	84	31	2.71	0.62 (3:1)	229	79	2.90
Lox2DR-10-2	96	28	3.43	0.53 (3:1)	162	58	2.79
Lox2DR-10-20	93	25	3.72	0.34 (3:1)	205	61	3.36

¹ $K_{R/S}$: ratio resistant to sensitive plants on kanamycin.

² $H_{R/S}$: ratio resistant to sensitive plants on hygromycin.