

Supplemental Table 5: Overview of the results of the segregation analysis on kanamycin and hygromycin of T2 seeds, collected from primary transformants (T1) selected on hygromycin, in module 2 (promoter fragment of the *SOLO DANCERS* gene from *Arabidopsis thaliana*).

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
SDS-1-2	88	31	2.84	0.79 (3:1)	117	92	1.27
SDS-1-10	67	23	2.9	0.90 (3:1)	150	87	1.72
SDS-1-14	95	32	2.97	0.96 (3:1)	126	122	1.03
SDS-1-21	82	29	2.83	0.78 (3:1)	93	96	0.97
SDS-1-23	100	34	2.94	0.92 (3:1)	132	109	1.21
SDS-3-2	94	29	3.24	0.72 (3:1)	163	69	2.36
SDS-7-1	74	23	3.2	0.77 (3:1)	105	73	1.44
SDS-7-4	59	16	3.67	0.47 (3:1)	116	71	1.63
SDS-8-1	62	25	2.48	0.42 (3:1)	145	83	1.75
SDS-8-6	77	22	3.5	0.52 (3:1)	110	67	1.64
SDS-9-10	68	25	2.72	0.67 (3:1)	140	86	1.63
SDS-11-2	69	26	2.65	0.57 (3:1)	88	71	1.24

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

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