

Supplementary Table S1. Summary of parameters estimated from the log-logistic dose-response model (Eq. 1) fitted to the seedling root length of the fifteen camelina genotypes. The values in parentheses are the standard error of each parameter.

Accessions no.	Parameters			Statistics				<i>p</i> value for lack-of-fit test
	b	c	GR ₅₀	DF	F	R ²	<i>p</i> value	
CamK1	33.6	129.8 (12.5)	25.5 (7.3)	12	167.4	0.90	< 0.001***	0.97
CamK2	33.1	154.8 (12.5)	25.0 (0.5)	12	99.5	0.78	< 0.001***	0.83
CamK3	39.9	143.9 (12.5)	24.7 (3.3)	12	1312.5	0.83	< 0.001***	0.73
CamK4	83.8	132.0 (12.4)	30.7 (4.8)	12	13.4	0.87	0.002**	0.91
CamK5	3.4	97.1 (19.0)	22.0 (5.3)	12	15.7	0.93	0.0008***	0.16
CamK6	56.9	112.1 (12.5)	25.3 (14.0)	12	6.1	0.96	0.02*	0.70
CamK7	86.2	127.2 (12.5)	24.7 (4.2)	12	173.3	0.91	< 0.001***	0.91
CamK8	3.0	99.3 (17.8)	19.0 (4.5)	12	18.5	0.99	0.0004***	0.04
CamK9	64.0	130.2 (10.2)	34.3 (14.0)	12	86.7	0.91	< 0.001***	0.92
CamK10	21.2	176.0 (12.5)	26.8 (11.8)	12	120.9	0.74	< 0.001***	0.96
CamK11	29.2	139.7 (12.5)	26.5 (11.8)	12	402.1	0.87	< 0.001***	0.96
CamC2	38.9	119.7 (12.5)	24.8 (4.7)	12	58.4	0.94	< 0.001***	0.95
CamC3	39.8	132.0 (12.5)	25.7 (6.8)	12	117.7	0.89	< 0.001***	0.87
CamC4	12.7	147.3 (12.5)	29.3 (3.5)	12	97.3	0.83	< 0.001***	0.95
‘SO-40’	34.3	124.5 (12.5)	25.3 (2.5)	12	30.6	0.92	< 0.001***	0.95

c, upper limit; b, slope of curve; GR₅₀, the PEG dose required to inhibit the seedling root length of the camelina genotype by 50% compared with the untreated control. DF, degree of freedom; R²: coefficient of determination.

*, **, and *** represent significant at 0.05, 0.01, and 0.001 probability level, respectively.