Vernalization requirement, but not post-vernalization day length, conditions flowering in carrot (*Daucus carota* L.)

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Table S1. Normalized point biserial correlation coefficient values between the length of the cold treatment and flowering frequency for each carrot genotype and post-vernalization photoperiod treatment.

Days of cold treatment	PI179687		PI163235		Brasilia		Kuroda	
	LD	SD	LD	SD	LD	SD	LD	SD
0	0	-	0	-	0	-	0	-
30	50	20	25	12.5	0	0	0	0
60	100	100	66.7	87.5	28.6	42.9	0	0
90	100	100	88.9	87.5	42.9	100	14.3	25
120	-	-	-	-	-	-	57.1	37.5
Corr. coef. (r)[a]	0.91	0.92	0.75	0.75	0.69	0.95	0.86	0.67

Values correspond to the percentage of flowering. Dashes (-) indicate lack of flowering plants or untested treatment. LD. Long-day (16 hours of light and 8 hours of darkness); SD. Short-day (8 hours of light and 16 hours of darkness). [a] Normalized point biserial correlation coefficient.

Table S2. Pearson correlation coefficient values between the length of the cold treatment and log-transformed flowering time for each carrot genotype and post-vernalization photoperiod treatment.

Days of cold treatment	PI179687		PI163235		Brasilia		Kuroda	
	LD	SD	LD	SD	LD	SD	LD	SD
30	90.8	44	74.3	72	-	-	-	-
60	30.1	25.2	63.5	28	89.5	39.7	-	-
90	15.8	15.3	24.9	18	29.7	36.8	27	52
120	-	-	-	-	-	-	16.8	38.3
Corr. coef. (r)[a]	-0.70	-0.90	-0.62	-0.85	-0.63	-0.18	-0.62	-0.25

Values correspond to the mean number of days after the cold treatment (DACT) until initiation of flowering. Dashes (-) indicate lack of flowering plants or untested treatment. LD. Long-day (16 hours of light and 8 hours of darkness); SD. Short-day (8 hours of light and 16 hours of darkness). [a] Pearson correlation coefficient.