

**TABLE S3****A summary of the detected QTL and their allelic effects and confidence intervals**

S.No	Population	Chr	Name of the QTL	LODint Markers	Physical position	Closest marker	Variance explained	Allele conferring later flowering
1	EstC RIL	1	nga280 QTL	44607364 to genea	19672910 to 22400757	nga280	9%	Est-1
2	EstC RIL	1	F5I14/FT QTL	44606313 to 21607386	24190997 to 26641963	F5I14	45%	Est-1
3	EstC RIL	2	PLS2/PHYB QTL	21607013 to GPA	8439620 to 11204074	44606590	13%	Col-0
4	Dra/Ler F2	1	F5I14/FT QTL	AtMSQT_NW_44 to AtMSQT_NW_66	21908668 to 30116495	AtMSQT_NW_56	25%	Dra-1
5	Dra/Ler F2	2	PLS2/PHYB QTL	AtMSQT_NW_81 to AtMSQT_NW_95	7551659 to 13265124	AtMSQT_NW_84	14%	Dra-1
6	Dra/Ler F2	5	MBK5/MAF QTL	AtMSQT_NW_249 to AtMSQT_NW_258	23270994 to 26708459	AtMSQT_NW_253	19%	Ler
7	Dra/Ler F2	5	CA72/FLC QTL	AtMSQT_NW_208 to AtMSQT_NW_219	3603967 to 9448109	AtMSQT_NW_212	18%	Dra-1

The variance explained in the total leaf number at 16°C long days is given for all the detected QTL. The QTL for thermosensitivity co-localizes within the same confidence interval as the *FT-QTL*.