



**Figure 4 – figure supplement 1**

**Accumulation of temperatures within different effective vernalization ranges.**

**(A)** Predicted accumulation of effective vernalization weeks during 2011 and **(B)** 2012 field experiments. Red and blue lines indicate accumulated hours  $>0-6^{\circ}\text{C}$  and daily average temperatures  $>0-15^{\circ}\text{C}$  respectively. The green line indicates maximal temperature accumulation under constant  $8^{\circ}\text{C}$  growing conditions.