

Table 1 Suppl. The summary of read numbers based on the RNA-sequencing data from pear cv. Huangli during bud dormancy (clean data rate - clean reads number / raw reads number).

Sample	Raw data size [bp]	Raw reads number	Clean data size [bp]	Clean reads number	Clean data rate [%]	Clean read1 Q20 [%]	Clean reads >= 20 (M)	Genome mapping ratio [%] >= 50
30 Oct. A	1 206 829 450	24 136 589	1 205 400 400	24 108 008	99.88	95.4 (Y)	24.11 (Y)	80.77 (Y)
30 Oct. B	1 206 841 000	24 136 820	1 204 797 450	24 095 949	99.83	96.4 (Y)	24.10 (Y)	81.05 (Y)
30 Oct. C	1 206 831 700	24 136 634	1 205 349 800	24 106 996	99.87	96.1 (Y)	24.11 (Y)	81.03 (Y)
15.Nov. A	1 206 632 350	24 132 647	1 206 002 500	24 120 050	99.94	96.7 (Y)	24.12 (Y)	78.86 (Y)
15 Nov. B	1 206 730 800	24 134 616	1 205 975 600	24 119 512	99.93	97.0 (Y)	24.12 (Y)	79.82 (Y)
15Nov. C	1 206 681 300	24 133 626	1 206 108 100	24 122 162	99.95	96.8 (Y)	24.12 (Y)	79.84 (Y)
30 Nov. A	1 206 834 950	24 136 699	1 205 317 600	24 106 352	99.87	95.9 (Y)	24.11 (Y)	79.47 (Y)
30 Nov. B	1 206 815 550	24 136 311	1 205 149 300	24 102 986	99.86	95.6 (Y)	24.10 (Y)	78.91 (Y)
30 Nov. C	1 206 808 350	24 136 167	1 205 767 550	24 115 351	99.91	96.3 (Y)	24.12 (Y)	79.59 (Y)
15 Dec. A	1 206 599 900	24 131 998	1 205 896 000	24 117 920	99.94	96.3 (Y)	24.12 (Y)	78.67 (Y)
15 Dec. B	1 206 577 900	24 131 558	1 205 973 850	24 119 477	99.94	96.7 (Y)	24.12 (Y)	78.87 (Y)
15 Dec. C	1 206 541 600	24 130 832	1 205 925 700	24 118 514	99.94	96.6 (Y)	24.12 (Y)	78.55 (Y)
30 Dec. A	1 206 313 900	24 126 278	1 205 708 550	24 114 171	99.94	96.0 (Y)	24.11 (Y)	78.69 (Y)
30 Dec. B	1 206 348 000	24 126 960	1 205 762 850	24 115 257	99.95	96.1 (Y)	24.12 (Y)	79.79 (Y)
30 Dec. C	1 206 624 100	24 132 482	1 206 006 800	24 120 136	99.94	96.5 (Y)	24.12 (Y)	79.76 (Y)
15 Jan. A	1 206 839 450	24 136 789	1 204 561 600	24 091 232	99.81	96.3 (Y)	24.09 (Y)	80.96 (Y)
15 Jan. B	1 206 820 150	24 136 403	1 205 557 100	24 111 142	99.89	95.8 (Y)	24.11 (Y)	81.26 (Y)
15 Jan. C	1 206 821 100	24 136 422	1 205 294 150	24 105 883	99.87	96.3 (Y)	24.11 (Y)	81.51 (Y)
15 Feb. A	1 206 642 800	24 132 856	1 206 085 750	24 121 715	99.95	97.0 (Y)	24.12 (Y)	82.49 (Y)
15 Feb. B	1 206 682 950	24 133 659	1 206 070 750	24 121 415	99.94	96.8 (Y)	24.12 (Y)	81.31 (Y)
15 Feb. C	1 206 680 200	24 133 604	1 206 133 800	24 122 676	99.95	97.1 (Y)	24.12 (Y)	82.83 (Y)

Table 2 Suppl. Cumulative chilling hours (CH) during the sampling period (¹represents the accumulated chilling hours from a last date to the current date; ²represents the accumulated chilling hours from 1Oct. to the current date).

Chilling accumulation	10-1	10-15	10-30	11-15	11-30	12-15	12-30	1-15	1-30	2-15
CH ¹	0	57	48	118	160	243	286	271	265	286
CH ²		57	105	223	383	626	912	1183	1448	1734

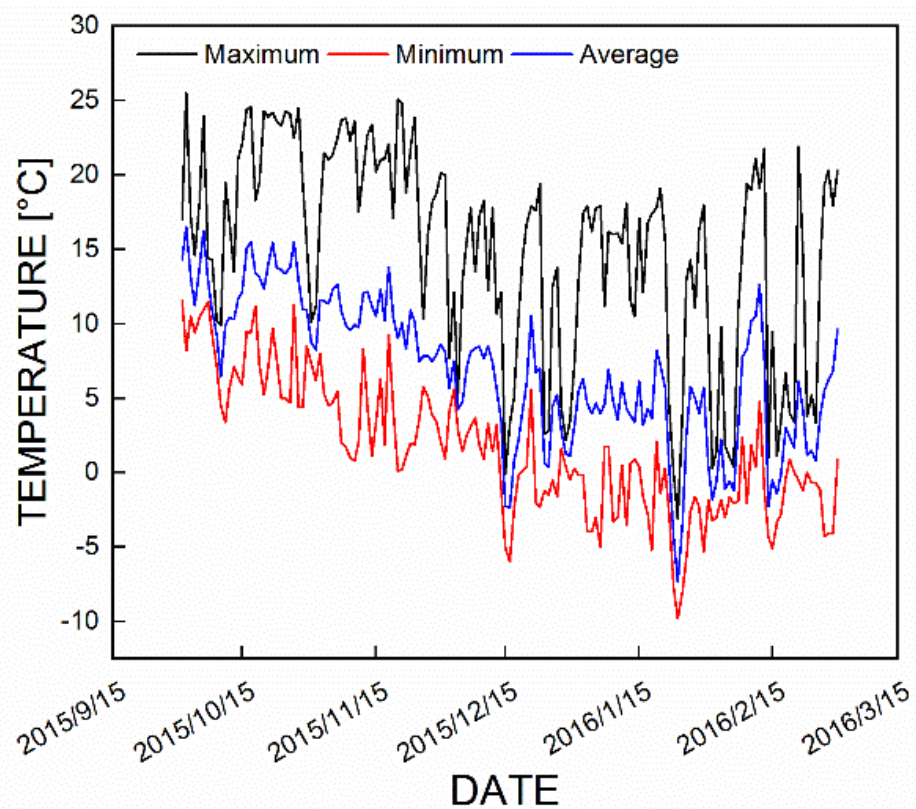


Fig. 1 Suppl. The daily maximum, minimum, and average temperatures during winter (1. 10. 2015 - 15. 3. 2016). The temperature was recorded every hour.