**SUPPLEMENTARY TABLE 2**

List of CCAAT motif in the promoter region of GA- and flowering-related genes

| Promoter of Gene | Number of CCAAT（或ATTGG） motifs | location |
|------------------|-----------------------------------|----------|
| AtGA2ox1(At1g78440) | 1 | -63 ~ -59 |
| AtGA2ox2(At1g30040) | 4 | -1721 ~ -1717, -935 ~ -931, -878 ~ -874, -393 ~ -389 |
| AtGA2ox3(At2g34500) | 7 | -1904 ~ -1900, -1502 ~ -1498, -1437 ~ -1433, -1279 ~ -1275, -970 ~ -966, -909 ~ -905, -176 ~ -172 |
| AtGA3ox1(At1g15550) | 9 | -1592 ~ -1588, -1444 ~ -1440, -1170 ~ -1166, -843 ~ -839, -572 ~ -568, -211 ~ -207, -191 ~ -187, -183 ~ -179, -97 ~ -93 |
| AtGA3ox2(At1g80340) | 2 | -782 ~ -778, -178 ~ -174 |
| AtGA20ox1(At4g25420) | 4 | -1775 ~ -1771, -1317 ~ -1313, -1310 ~ -1306, -55 ~ -51 |
| AtGA20ox2(At5g51810) | 6 | -1965 ~ -1961, -1845 ~ -1841, -1336 ~ -1332, -1032 ~ -1028, -797 ~ -793, -563 ~ -559 |
| FLC: (AT5G10140) | 8 | -1714 ~ -1710, -1657 ~ -1653, -1625 ~ -1621, -1263 ~ -1259, -1245 ~ -1241, -1145 ~ -1141, -1138 ~ -1134, -795 ~ -791 |
| AP1: AT1G69120 | 5 | -1144 ~ -1140, -693 ~ -689, -288 ~ -284, -115 ~ -111, -62 ~ -58 |
| CO: AT5G15840 | 4 | -2316 ~ -2312, -1845 ~ -1841, -1592 ~ -1588, -156 ~ -152 |
| FT: AT1G65480 | 4 | -1615 ~ -1614, -1246 ~ -1237, -1055 ~ -1051, -741 ~ -737 |
| Gene       | Translated Amino Acid | Gene ID   |
|------------|-----------------------|----------|
| LFY: AT5G61850 | 5         | -1655～-1651,-1612～-1608,-1531～-1527,-888～-884,-757～-753 |
| SOC1: AT2G45660 | 4         | -1580～-1576,-1212～-1208,-1919～-1915,-469～-465 |
| VRN1: AT3G18990 | 5         | -1862～-1858,-1258～-1254,-1067～-1063,-1037～-1033,-988～-984 |