

Supplemental Table1. Summary of the QTL for flowering time and seed weight detected in PT-RILs harvested at Kyoto using simple interval mapping method

| | Marker interval flanking QTL peak (marker position cM) | Chr. (linkage group) | Highest LOD | Marker with highest LOD (marker position cM) | Effective allele |
|----------------|---|-------------------------|----------------|---|-------------------------|
| Flowering time | Satt277(90.3)-Satt460(95.7) | 6(C2) | 7.3 | Satt134(93.6) | Peking(early flowering) |
| Seed weight | Sat_162(47.6)-Satt424(56.5) | 8(A2) | 8.5 | Sat_215(51.9) | Tamahomare(heavy) |