

Table S1. Comparison of agronomic traits between Yangmai 5 and Yangmai 5-*Haynaldia villosa* 6VS/6AL translocation line

| Materials                | Plant height<br>(cm) | Ear length<br>(cm) | Tiller number | Spikelet<br>number | Effective<br>spikelet number | Kernels per<br>spike | Thousand<br>Kernel Weight<br>(g) |
|--------------------------|----------------------|--------------------|---------------|--------------------|------------------------------|----------------------|----------------------------------|
| Yangmai 5                | 67.82±3.62           | 13.25±0.80         | 5.11±0.58     | 21.13±1.07         | 14.17±1.05                   | 25.13±0.52           | 38.36±0.42                       |
| 6VS/6AL<br>translocation | 70.12±3.10*          | 11.28±0.65**       | 3.22±0.52**   | 20.31±0.95         | 16.31±0.99**                 | 32.19±2.21**         | 43.47±0.91**                     |

\*5% and 1% significant differences between Yangmai 5 and wheat-*Haynaldia villosa* 6VS/6AL translocation line.