Supplementary Figure S1. Crossing scheme of 53 females with 17 male lines to produce 186 hybrids in experiment I of winter wheat (white boxes indicate the presence of hybrids, black boxes absence of hybrids).
Supplementary Figure S2. Crossing scheme of 33 females with 26 male lines and 111 hybrids in experiment II of winter wheat (white boxes indicates the presence of hybrids, black boxes absence of hybrids).
Supplementary Figure S3. Crossing scheme of 107 females with 28 male lines and 332 hybrids in experiment III of winter wheat (white boxes indicates the presence of hybrids, black boxes absence of hybrids).
Supplementary Figure S4. Crossing scheme of 141 females with 43 male lines resulting in 380 F₁ hybrids in experiment IV of winter wheat (white boxes indicates the presence of hybrids, black boxes absence of hybrids).
Supplementary Figure S5. Stability parameter coefficient of variation for top five high yielding hybrids and the best commercial varieties in four different experiments.