S1 Table. Summary of yield-related QTL identified for water-stress resistance in wheat.

|  |  |  |  |
| --- | --- | --- | --- |
| **Trait** | **Chromosome location** | **Phenotypic variance (%)** | **Reference** |
| Grain yield | 4A | 27% | [1] |
| Grain yield, grain fill rate, grains m-2, biomass production, biomass production rate, and drought susceptivity index | 4AL | 20, 33, 23, 30, 26, and 41% respectively | [2] |
| Grain number per ear | 7AL and 7BL | 22 and 35% respectively | [3] |
| Grain yield | 2BL | 21.5% | [4] |
| Grain yield, shoot biomass, plant height, and harvest index | 4B | 27% | [5] |
| Grain yield | 2D | 25.7% | [6] |
| Grain yield and canopy temperature | 3B | 22% | [7] |
| Fertile spikelet number per spike | 1A | 24.1 | [8] |
| Thousand-grain weight | 4A | 21% | [9] |
| Grain yield | 3A | 26.1% | [10] |
| Thousand-grain weight | 4D | 31.8% | [11] |
| Grain number per ear | 1A and 5D | 23.2 and 22.6% respectively | [12] |
| Grain yield | 3B | 21.6% | [13] |
| Thousand-grain weight | 7B.1 and 7B.2 | 20.6 and 25.9% respectively | [13] |

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