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| --- |
| **Table S3.** Phenotypic correlations (*rp*) between water use efficiency (WUE), carbon isotope discrimination (CID), biomass (BM) and cumulative water transpired (CWT) of 150 recombinant inbred lines (RILs) in Exp. 2011 and Exp. 2012. |
|  |
| **Trait** | **Experiment 2011** |  |  |
|  | **WUET2011** | **CID** | **BM** |
| CID | -0.197\* |  |  |
| BM | 0.409\*\*\* | 0.457\*\*\* |  |
| CWT31d | 0.112ns | 0.580\*\*\* | 0.913\*\*\* |
|  | **WUEE2011** | **CID** | **BME** |
| CID | -0.409\*\*\* |  |  |
| BME |  0.420\*\*\* | 0.374\*\*\* |  |
| CWT15d | -0.204\*\*\* | 0.739\*\*\* | 0.748\*\*\* |
|  | **Experiment 2012** |  |  |
|  | **WUET2012** | **CID** | **BBM** |
| CID | -0.565\*\*\* |  |  |
| BM | -0.005ns | 0.550\*\*\* |  |
| CWT23d | -0.314\*\*\* | 0.707\*\*\* | 0.936\*\*\* |
| \* Significant at *P* < 0.05, \*\*\* Significant at *P* < 0.001.ns Not significant.For each experiment, mean of well-watered (WW) and water-stressed (WS) plants were grouped together (n = 300). |