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| **Supplementary Table S2.** Primary root elongation rates of B73 *oxalate oxidase* transgenic and wild-type linesunder well-watered and water-stressed (-1.6 MPa) conditions. Elongation rates were calculated by dividing increases in root length of individual seedlings by the intervals between markings (from the experiment shown in Fig. 3B). Data are means ± SE (n = 18-32 roots). Asterisks denote significant differences between the transgenic and wild-type lines (*t*-test; \**P* < 0.05; \*\**P* < 0.01).  |
| B73, well-watered |  | B73, water-stressed |
|  | Root elongation rate (mm h-1) |  |  | Root elongation rate (mm h-1) |
| Hours after transplanting | Wild-type | Transgenic |  | Hours after transplanting | Wild-type | Transgenic |
| 0-12 | 1.84 ± 0.03  | 2.21 ± 0.08\* |   |  |  |   |
| 12-24  | 2.01 ± 0.05  |  2.89 ± 0.08\*\* |   | 0-24 | 0.94 ± 0.03  | 0.70 ± 0.03\*\*  |
| 24-36 | 2.00 ± 0.06  |  2.62 ± 0.06\*\* |   |   |   |   |
| 36-48 | 1.95 ± 0.05  |  2.58 ± 0.04\*\* |   | 24-48 | 1.15 ± 0.03  | 0.96 ± 0.03\*\*  |
|   |   |   |   | 48-72 | 1.25 ± 0.04  | 0.95 ± 0.06\*\*  |