

Supplementary Data

Comparative proteomic identification of embryo proteins associated with hydropriming induced rapid-germination of maize seeds

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Table S1. The differential germination of primed and unprimed maize seeds (cv. Zhengdan 958).

| Reduplicate | I | II | III | IV |
|--------------|----|----|-----|----|
| Day 1 | | | | |
| Hydropriming | 20 | 19 | 21 | 18 |
| Control | 1 | 1 | 4 | 1 |
| Day 2 | | | | |
| Hydropriming | 39 | 30 | 40 | 33 |
| Control | 9 | 10 | 7 | 2 |
| Day 3 | | | | |
| Hydropriming | 41 | 31 | 40 | 34 |
| Control | 17 | 20 | 14 | 5 |
| Day 4 | | | | |
| Hydropriming | 44 | 32 | 40 | 34 |
| Control | 21 | 29 | 28 | 17 |
| Day 5 | | | | |
| Hydropriming | 44 | 32 | 41 | 34 |
| Control | 30 | 36 | 35 | 29 |
| Day 6 | | | | |
| Hydropriming | 48 | 42 | 47 | 40 |
| Control | 32 | 36 | 37 | 30 |
| Day 7 | | | | |
| Hydropriming | 49 | 43 | 47 | 44 |
| Control | 34 | 37 | 39 | 31 |

Note: Germination tests were carried out in a growth chamber (25°C, in darkness) on four replicates (50 seeds each). A seed was regarded as germination when its radicle protruded through seed coat. The number in the table indicates the numbers of germinated seeds.