



Fig. S1. Effects of maternal nutritional environments on seed germination traits of both **MM** and **PI**. **A**, t_{50}^{-1} in water; **B**, t_{50}^{-1} in Mannitol (-0.5 MPa) in different concentration of nitrate (0N, 2.4N, 12.4N, 14N and 20N) and phosphate (0P, 0.1P, 1P, 5P and 10P).