https://doi.org/10.17221/188/2017-CJGPB

Efficiency of three haplomethods in durum wheat (*Triticum turgidum* subsp. *durum* Desf.): isolated microspore culture, gynogenesis and wheat × maize crosses

Olfa Slama-Ayed¹, Imen Bouhaouel¹, Sourour Ayed^{1,3}, Jacques De Buyser², Emmanuel Picard², Hajer Slim Amara¹

Electronic Supplementary Material (ESM)

Table S1. Data in number (mean of three replicates) about the response of three genotypes to microspore culture, gynogenesis and durum wheat \times maize crosses

| Method/parameters | | Razzek | Karim | Jneh Khotifa |
|-----------------------|----------------------|--------|-------|--------------|
| Microspore culture | cultured microspores | 98500 | 98000 | 111800 |
| | induced microspores | 10187 | 11630 | 2769 |
| | embryos | 131 | 0 | 0 |
| | haploid plants | 15 | 0 | 0 |
| | green plants | 0 | 0 | 0 |
| | albino plants | 15 | 0 | 0 |
| Gynogenesis | cultured ovaries | 100 | 100 | 100 |
| | induced ovaries | 40 | 56 | 45 |
| | calli | 15 | 7 | 1 |
| | haploid plants | 1 | 1 | 1 |
| | green plants | 1 | 1 | 1 |
| | albino plants | 0 | 0 | 0 |
| Interspecific crosses | florets pollinated | 100 | 100 | 100 |
| | developed seeds | 38 | 25 | 36 |
| | cultured embryos | 2 | 1 | 2 |
| | haploid plants | 1 | 0 | 1 |
| | green plants | 1 | 0 | 1 |
| | albino plants | 0 | 0 | 0 |

¹Genetic and Cereal Breeding Laboratory, National Agronomic Institute of Tunisia, University of Carthage, Tunis Mahrajene, Tunisia

²MVEH Laboratory, Paris-Sud University, Orsay, France

³Field Crop Laboratory, Regional Research Development Office of Agriculture in Semi-Arid North West of Kef, Kef, Tunisia