

Supplementary Table 1

| | Dark | Light (control) | Dark vs Light |
|--|-------------|-----------------|---------------|
| Full capsules mass (mg)* | 165.7 ± 8.8 | 134.1 ± 5.1 | 23.56% |
| Seed mass per capsule (mg)* | 92.5 ± 6.0 | 61.5 ± 5.3 | 50.41% |
| Seed mass average on 50 seeds (µg)* | 49 ± 3.8 | 34.7 ± 2.1 | 41.21% |
| Empty capsules mass (mg)^{NS} | 69.7 ± 4.5 | 68.3 ± 3.2 | 2.05% |
| Seed length (µm)* | 996 ± 48 | 786 ± 51 | 26.70% |
| Seed width (µm)* | 720 ± 51 | 541 ± 46 | 33.16% |
| Germinability 30 DPA (%)* | 80 ± 1 | 16.3 ± 0.58 | 500 |
| Germinability 90 DPA (%)* | 92 ± 1 | 93.4 ± 1.5 | -1.39 |

Sup. Table 1. Measurements of etiolated capsules, their seeds and comparison with controls. Data were expressed as mean ± SD on 9 capsules from 3 different plants. P values indicate statistical significance for a given measurement between etiolated and control capsules. NS, Not Significant; Symbol * indicates a p-value < 0.0001 between etiolated and control capsules for a given parameter.