**S1 Table.** AMF quantification in rapeseed and arabidopsis roots of wild type (WT and Col-0, respectively) and *Thkel1* transformed roots with *A. rhizogenes* (BnArKel1) or *A. tumefaciens* (AtKel1) plants inoculated with an AMF mixture.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AMF inoculated plants** | | **Plant** | | | **AMF** | | | **Ratio3** |
| **Ct** | **SD** | **Qty1** | **Ct** | **SD** | **Qty2** |
| **Rapeseed** | **WT** | 21.28 | 0.05 | 0.84 | - | 0.0 | 0.0 | 0 |
| **BnArKel1** | 21.83 | 0.08 | 0.63 | 28.74 | 0.18 | 0.59 | 0.94±0.07\* |
| **Arabidopsis** | **Col-0** | 19.89 | 0.06 | 2.17 | - | 0.0 | 0.0 | 0 |
| **AtKel1** | 20.11 | 0.02 | 1.83 | 26.07 | 0.13 | 1.17 | 0.64±0.05\* |
| 1Quantity of plant DNA (ng) referred to plant *actin* gene.  2Quantity of fungi DNA (ng) referred to AMF 18S rRNA.  3Proportion of fungal DNA vs. plant DNA. Values are the mean of three biological replicates for each condition with the corresponding standard deviation; and for each biological replicate and condition, a root pool from five plants was used. Student’s t-test was performed between wild type and transformed plants. Asterisks denote significant differences at *P* ≤ 0.05 (\*).  (-): Absence of amplification. | | | | | | | | |