

Materials List for

# Determination of Tripartite Interaction between Two Monomers of a MADS-box Transcription Factor and a Calcium Sensor Protein by BiFC-FRET-FLIM Assay

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## Materials

| Name  | Company                   | Catalog Number | Comments  |
|---|---------------------------|----------------|---|
| 1 ml Syringes without needles                 | Dispovan                  | -              |   |
| Acetosyringone                                | Sigma-Aldrich             | D134406        |   |
| Gateway LR Clonase II Enzyme mix              | Thermo Fischer Scientific | 11791020       | The vectors used in the study are Gateway based               |
| Gentamycin Sulphate                           | Himedia                   | CMS461         |   |
| Kanamycin Sulphate                            | Himedia                   | MB105          |   |
| MES hydrate                                   | Sigma-Aldrich             | M2933          |   |
| MgCl <sub>2</sub>                             | Sigma-Aldrich             | M2670          |   |
| pENTR/D-TOPO Cloning Kit                      | Thermo Fischer Scientific | K240020        | The vectors used in the study are Gateway based               |
| Phusion high fidelity Taq DNA polymerase      | Thermo Fischer Scientific | F530-S         | Any High fidelity Polymerase can work                         |
| Rifampicin                                    | Himedia                   | CMS1889        |   |
| SP8 FALCON Confocal laser scanning microscope | Leica                     | SP8 FALCON     | Any CLSM with FLIM capabilities can be used for this analysis |
| Spectinomycin dihydrochloride pentahydrate    | Himedia                   | TC034          |   |