

Materials List for:

Co-expression of Multiple Chimeric Fluorescent Fusion Proteins in an Efficient Way in Plants

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Materials

| Name | Company | Catalog Number | Comments |
|--------------------------------------------|-----------|----------------|----------|
| KOD-FX Polymerase | TOYOBO | KFX-101 | |
| Sma I | NEB | R0141L/S/V | |
| Tris-HCl | BBJ | A600194-0500 | |
| MgCl ₂ | BBJ | A601336-0500 | |
| dNTP | NEB | #N0447V | |
| DTT | BBJ | C4H10O2S2 | |
| PEG 8000 | BBJ | A100159-0500 | |
| NAD | BBJ | A600641-0001 | |
| T5 exonuclease | Epicentre | T5E4111K | |
| Phusion High-Fidelity DNA polymerase | NEB | M0530S | |
| Taq DNA polymerase | NEB | B9022S | |
| Murashige and Skoog Basal Salt Mixture(MS) | Sigma | M5524 | |
| Ethanol | BBJ | A500737-0500 | |
| Tween 20 | BBJ | A600560-0500 | |
| Agar | BBJ | A505255-0250 | |
| Spermidine | BBJ | A614270-0001 | |
| Gold microcarrier particles | Bio-Rad | 165-2263 | 1.0 μm |
| CaCl ₂ | BBJ | CD0050-500 | |
| Macrocarriers | Bio-Rad | 165-2335 | |
| Rupture disk | Bio-Rad | 165-2329 | |
| Stopping screen | Bio-Rad | 165-2336 | |
| Tryptone | OXOID | LP0042 | |
| Yeast Extract | OXOID | LP0021 | |
| NaCl | BBJ | A610476-0001 | |
| KCl | BBJ | A610440-0500 | |
| Glucose | BBJ | A600219-0001 | |
| Hygromycin B | Genview | AH169-1G | |
| Wortmannin | Sigma | F9128 | |
| Brefeldin A | Sigma | SML0975-5MG | |
| Dimethylsulphoxide (DMSO) | BBJ | A600163-0500 | |
| T100 Thermal Cycler | Bio-Rad | 1861096 | |

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|----------------------------------------|--------------------------|-------------|-----------------------|
| Growth chamber | Panasonic | MLR-352H-PC | |
| PSD-1000/He particle delivery system | Bio-Rad | 165-2257 | |
| Gene Pulser | Bio-Rad | 1652660 | |
| Cuvette | Bio-Rad | 1652083 | |
| Benchtop centrifuge | Eppendorf | 5427000097 | |
| Confocal microscope | Zeiss | | LSM 7 DUO (780&7Live) |
| NanoDrop 2000/2000c Spectrophotometers | Thermo Fisher Scientific | ND-2000 | |
| EPS-300 Power Supply | Tanon | EPS 300 | |
| Fluorescent microscope | Mshot | MF30 | |
| Agrose | BBI | A600234 | |
| Ampicillin | BBI | A100339 | |
| Ethylene Diamine Tetraacetic Acid | BBI | B300599 | |