

| Fig. 1C* pBI121::chitRatioGFP:LAAQ |                                             |            |      |                       |
|------------------------------------|---------------------------------------------|------------|------|-----------------------|
|                                    | Fragments                                   | Start      | End  | Category              |
|                                    | right Border                                | 2478       | 2454 | Miscellaneous         |
|                                    | CaMV 35S promoter                           | 4974       | 5802 | Promoter              |
|                                    | Chitinase signal                            | 5844       | 5900 | Localization Sequence |
|                                    | ratiometric At-pHluorin                     | 5907       | 6617 | Gene                  |
|                                    | low affinity Aequorin                       | 6633       | 7196 | Reporter Gene         |
|                                    | Terminator                                  | 7212       | 7413 | Terminator            |
|                                    | left Border                                 | 8355       | 8331 | Miscellaneous         |
|                                    |                                             |            |      |                       |
|                                    | Restriction Sites<br>cuts once / cuts twice | Location   |      | Sequence              |
|                                    | BamHI                                       | 5822, 7155 |      | ggatcc                |
|                                    | Cla I                                       | 4538, 6287 |      | aagctt                |
|                                    | HindIII                                     | 4951       |      | aagctt                |
|                                    | KpnI                                        | 6386, 7419 |      | ggtacc                |
|                                    | NotI                                        | 14372      |      | gcggccgc              |
|                                    | SacI (SstI)                                 | 7425       |      | gagctc                |
|                                    | Sall                                        | 6618       |      | gtcgac                |
|                                    | XbaI                                        | 5816       |      | tctaga                |
|                                    | XhoI                                        | 6628       |      | ctcgag                |

\*refers to Figure 1 in Gao et al. 2004 (PubMed 15020753; DOI: 10.1104/pp.103.032508)

