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| **Supplementary Table S1. Nucleotide substitutions detected in the overexpression experiments.** For each of the nine infiltrated plants, the substitutions observed in the clonal sequences analyzed at the overexpressed (*AtCDA1* to *AtCDA9*) and control (pBIN61-infiltrated) regions are shown. In some cases, a given substitution is present in several clonal sequences from the same sample and the number of times it appears is indicated between parentheses. G to A transitions are shaded in grey. Nucleotide positions are given according to CaMV isolate W260, GenBank accession JF809616.1. |
| **Sample** | **Number of clones** | **Mutation** | **Sample** | **Number of clones** | **Mutation** |
| *AtCDA1* | 106 | A91G | pBIN61 | 106 | T72C (2) |
|  |  | G129A |  |  | A84G |
| C131T | T98C |
| C132T | C135G (D45E) |
| C143T | A162T (2) |
| G148T | C174A (C58stop) |
| G148A | G181T |
| G153A | G181A (6) |
| C157A (2) (F52L) | C206T |
| G159A (Q53K) | G210A |
| C168T | A215G |
| G169A | C224A |
| C174A (C58stop) | A235G |
| G175A (C58stop) | G237T (K79E) |
| G181A (27) |  |
| G190A (3) |
| C199T |
| G210A |
| C213T (3) (Y71stop) |
| C213A (Y71stop) |
| G214A (2) (Y71stop) |
| A215G (Y71stop) |
| *AtCDA2* | 106 | T72C | pBIN61 | 106 | T80C |
|  |  | A77G |  |  | A161G |
| A84G | C196A |
| G126A | G221T |
| T154C | A232G |
| G169A |  |
| G181A (3) |
| C186G |
| A202C |
| T223C |
| G231A |
| A251G |
| *AtCDA3* | 24 | A101G | pBIN61 | 24 | A82G |
|  |  | C180T |  |  |  |
| *AtCDA4* | 24 | C125T | pBIN61 | 24 | G169T |
|  |  |  |  |  | T223C |
| *AtCDA5* | 26 | T79C | pBIN61 | 26 | A121G |
|  |  | C117T |  |  | A136G |
| T140A | C186A |
| C165G (3) | C189T |
| A212G |
| *AtCDA6* | 25 | C147A | pBIN61 | 25 | C135G |
|  |  | G224T |  |  |  |
| *AtCDA7* | 24 | T96C | pBIN61 | 24 | T193C |
|  |  | A103G |  |  |  |
| T140C |
| C186T |
| *AtCDA8* | 24 | T114C | pBIN61 | 24 | G68C |
|  |  | C157T (5) |  |  | T98C |
| T195C | G127C |
| G214T |
| T248C |
| *AtCDA9* | 106 | G85T | pBIN61 | 106 | T114C |
|  |  | C95T |  |  | T119C |
| G126A | T128C |
| T128C | C143T |
| C146A (2) | C147A |
| A161G | G153T |
| A163G | T187G |
| T176C | A212G |
| G181A (2) | G214A |
| G218C | G221T |
| G231A | A224C |
| A235G |  |
| C241T |