



Genomic Arabidopsis Resource Network

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I am very pleased to be able to announce that clones from the Arabidopsis TAC library employing a Basta resistance marker, the JAtY library, have been used successfully to transform Arabidopsis to Basta resistance and to complement a mutant phenotype for gene cloning. The laboratory that conducted the experiments will release further details.

The vector used for the JAtY library, pYLTAC17, has the same backbone as the widely used TAC vector pYLTAC7, which employs a hygromycin resistance marker and was used for the construction of the Arabidopsis K library. Transformation tests conducted at JIC by Leah Clissold have also recently demonstrated that the vector is capable of transforming Arabidopsis accession Columbia to Basta resistance. Selection was performed under standard spraying condition ("Harvest" at 2.5 ml per liter) and on plates (Ammonium DL homoalanin-4-yl (methyl) phosphinate at 10 ug per ml).

Please continue to apply for the GeTCID service, including access to the JAtY library, via the GARNet web site

<http://www.york.ac.uk/res/garnet/garnet.htm>

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