An innovative automated active compound screening system allows high-throughput optimization of somatic embryogenesis in *Coffea arabica*

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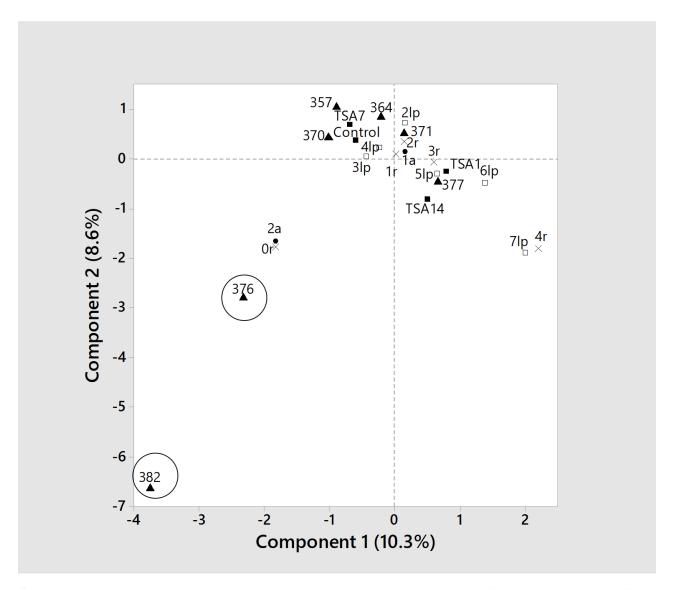
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Supplementary data. *In vitro* plant phenotypic characterization following 1 µM TSA treatment during the coffee SE process. A graphic representation of a Multiple Component Analysis (MCA) was performed on plant phenotypic variables. Data from 160 plants were plotted according to the first 2 axes of the MCA. The number of pairs of leaves are represented by white squares, the number of roots by crosses, the number of stems by black spots, the leaf colour index by triangles and the *in vitro* treatment prior to regeneration by black squares. Plotting categorical data according to axes 1 and 2 revealed a strong contribution of 3 atypical plants scored with a single colour index. Therefore, no distinction was detected between TSA treatments. We decided to discard those data and run another MCA (Fig. 6).