

PROJECT TITLE

Peach-almond introgression line metabolites

CONSORTIUM

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SUMMARY OF THE REPORT

Samples from fruit mesocarp of a collection of lines with two almond genome introgressions in the peach genome background were extracted and analyzed in the HiTMe Platform of Bordeaux in October-November 2018 for a set of 10 metabolites (sugars and acids) and 9 enzyme activities. Results were analyzed by principal component analysis and are currently under study to find associations between metabolite/enzyme variation and genomic position of specific almond introgression fragments. Data for at least two years are necessary to obtain meaningful results.