

Project Number: 640462

Start date of the project (duration): 1st May 2015 (36 months)



BUTANEX^T
Next Generation **Biobutanol**

D3.1

Butanol tolerant high yielding butanol strain (>0.25g butanol/g sugar) on pure sugar

Organisation name of lead contractor: GBL

Other organisations involved: GBL

Authors: Jenna Hewitt, Holly Smith

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EXECUTIVE SUMMARY

In work package 3, Green Biologics Ltd. (GBL) aimed to improve fermentation performance by making and using next generation microorganisms that have an increased tolerance to butanol. GBL has developed and performed a continuous “feed and draw” method to naturally select robust fermentation microbes under a variety of growth conditions.

GBL have demonstrated at lab scale a sequential batch reactor (SBR) derived mixed culture that is capable of better performance with higher peak butanol titres than our current production strain.

This is a summary of a longer report which is confidential. Additional information can be requested from the responsible partner Green Biologics (ButaNexT@greenbiologics.com), or by contacting info@butanext.eu.

