

A Biofoundry of Possibilities

Optimized Strains of Baker's Yeast for Biomanufacturing

Cytovance's microbial program offers a range of integrated development and cGMP manufacturing activities, including access to novel yeast strains thanks to our collaboration with **Phenotypeca**. *Saccharomyces cerevisiae* is a fully validated biomanufacturing organism responsible for over **20 FDA-approved pharma products**. Once a strain is selected, our teams work together to transition the expressed protein to downstream development and into cGMP clinical and commercial supply with Cytovance.

"Our technology platform...significantly improves the efficiency and yield of biologics production, and we are excited to collaborate with Cytovance Biologics to bring our technology to new partners."

- Johnny Cordiner, CEO of Phenotypeca

THE LATEST IN MICROBIAL TECHNOLOGY

Customers looking to develop and scale recombinant protein-based therapeutics can now express their product in yeast strains designed for sustainable, high-performance biomanufacturing. Built on decades of research, Phenotypeca's quantitative trait loci (QTL) technology combines proprietary breeding methods with genomic-based screening and machine learning to fine-tune characteristics to create multiple expression options for your high value recombinant protein therapeutic, VHH, and vaccine products.

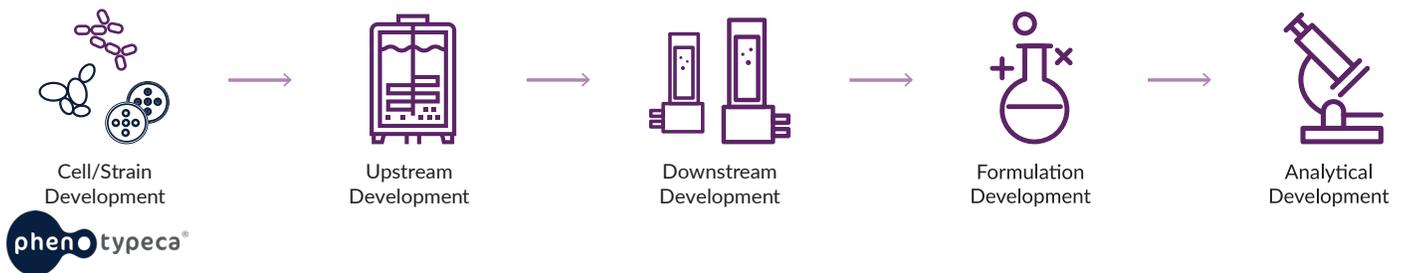
These next-generation strains offer:

- Reduced cell lysis
- High genetic stability
- Improved protein folding
- Product protection through patents

OUR PARTNERSHIP:

From research to cGMP manufacturing, our teams provide you with ingenuity every step of the way.

Process Development



cGMP Manufacturing



Cytovance® Biologics is a leading US-based biopharmaceutical CDMO bringing 20+ years of experience to international customers looking for unrivaled microbial and mammalian biomanufacturing support. Connect with us at bd@cytovance.com.

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