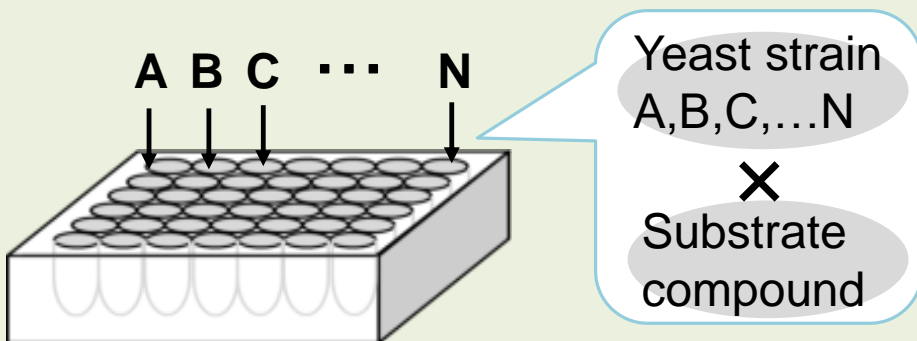


Custom metabolite production

Process of the custom metabolite production

Screening and optimization

Screening of effective enzymes



Analysis by HPLC or LC/MS



Optimization of the reaction conditions

Scale-up production

Scale-up production of the metabolite



Isolation and purification of the metabolite by preparative HPLC



Freeze drying

- ✓ No requirement to reveal structural information
- ✓ In screening phase, we send the potential hit fractions to the customer. Customers can check the quality of metabolites by LC/MS before the scale-up production.
- ✓ Mild reaction conditions (30 to 40 °C, mild acidic or neutral conditions)
- ✓ Regio- and stereo- selective production.