

SOURDOUGH'S MICROBIAL EXPLORATION AND IMPLEMENTATION OF UNIMORE MICROBIAL CULTURE COLLECTION (UMCC)

Iosca Giovanna (STEBA XXXV Cycle)



ISOLATION

PHENOTYPIC
CHARACTERIZATION

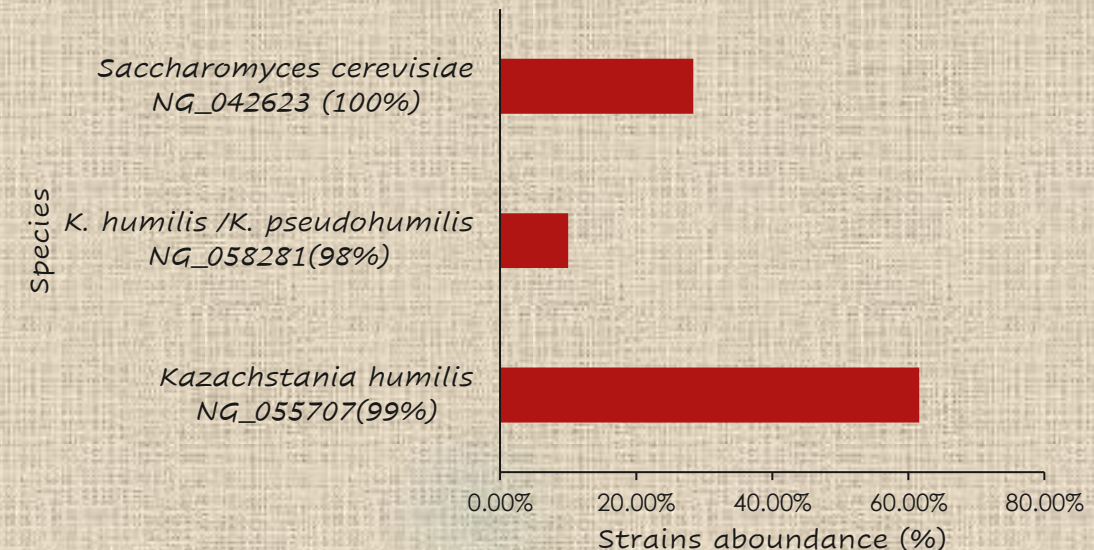
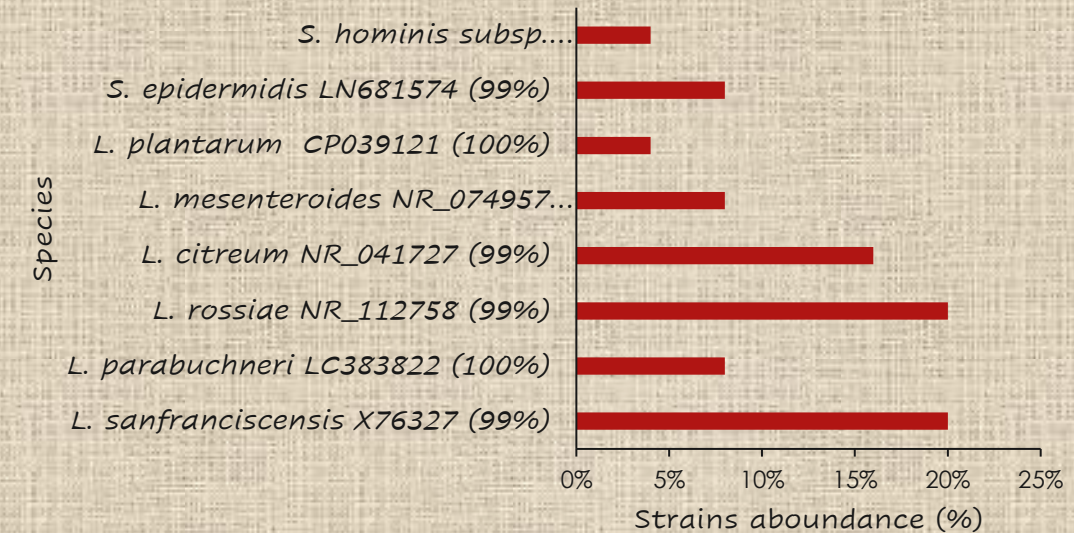
AROMATIC
CHARACTERIZATION

MOLECULAR
CHARACTERIZATION

SANGER
SEQUENCING

UMCC MICROBIAL
COLLECTION

*current LAB names
are reported in
UMCC



giosca.iosca@unimore.it
Tutor: Prof. Pulvirenti Andrea
Co-tutor: Dr. De Vero Luciana

SOURDOUGH'S MICROBIAL EXPLORATION AND IMPLEMENTATION OF UNIMORE MICROBIAL CULTURE COLLECTION (UMCC)

Iosca Giovanna (STEBA XXXV Cycle)



ISOLATION

PHENOTYPIC
CHARACTERIZATION

AROMATIC
CHARACTERIZATION

MOLECULAR
CHARACTERIZATION

SANGER
SEQUENCING

UMCC MICROBIAL
COLLECTION

*current LAB names
are reported in
UMCC

FUTURE APPLICATIONS:

- Starter culture for desired aroma;
- Study and use of secondary metabolites;
- Specific industrial fermentation process.

giovanna.iosca@unimore.it

Tutor: Prof. Pulvirenti Andrea

Co-tutor: Dr. De Vero Luciana