StrainInSight: a unique private strain collection for novel strain discovery



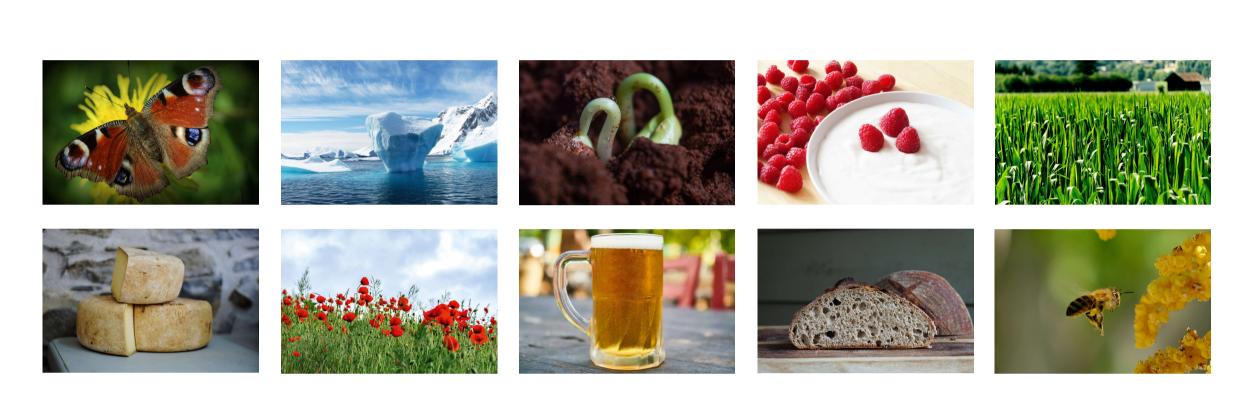
OUR COLLECTION

The StrainInSight® private strain collection contains >45,000 bacteria that originate from LM-UGent research projects studying bacterial diversity and ecology in a wide variety of environments. Our strains were identified using state-of-the-art methods available at the time of isolation and extensive efforts using modern methods are ongoing (i.e. MALDI-TOF MS and whole-genome sequencing) to further refine strain identifications.

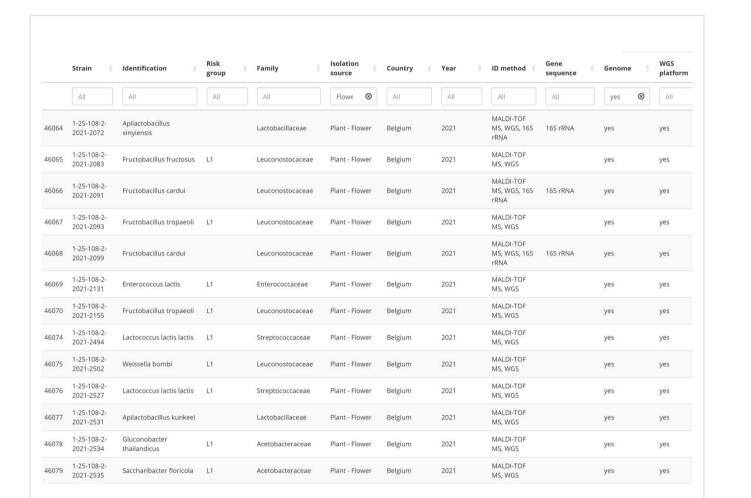
Looking for new bacteria to innovate your research and product development? Explore the StrainInSight® private strain collection, tools and services!



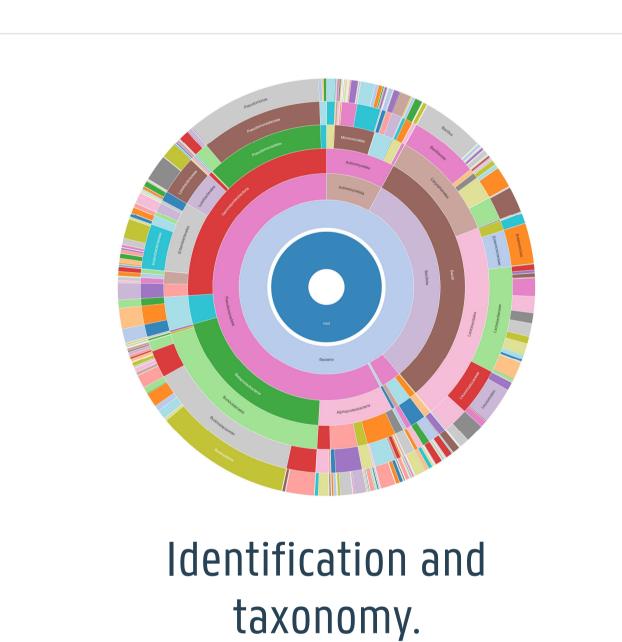
INTERACTIVE DASHBOARD



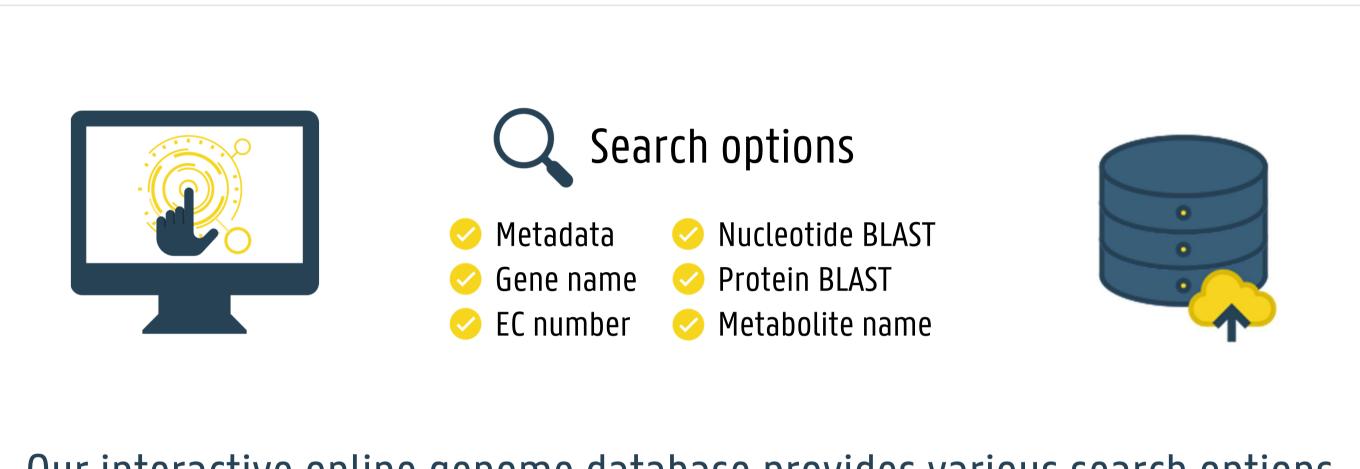
Our dashboard provides a user-friendly interface to explore our strain collection. Filter on strain metadata such as isolation source.



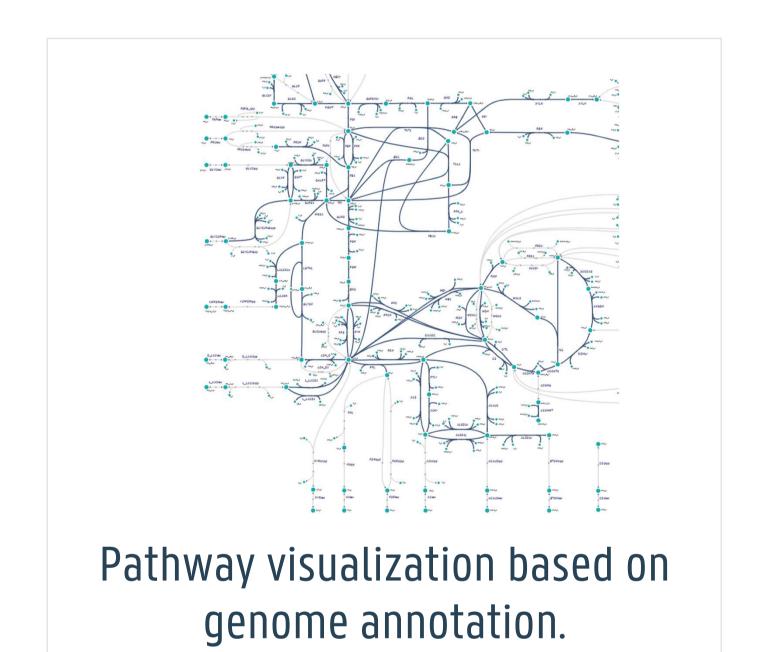
Filter strains based on isolation source or geographical origin.

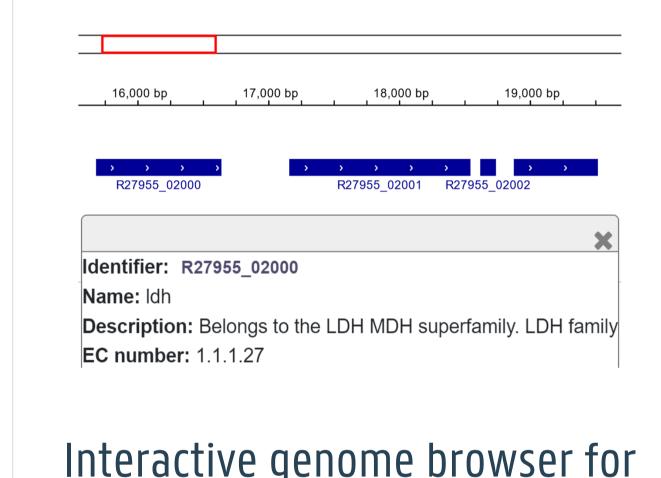


EXTENSIVE GENOME DATABASE



Our interactive online genome database provides various search options to query >1000 bacterial genomes and to filter on isolate metadata.





Interactive genome browser for visual exploration.

OUR SERVICES

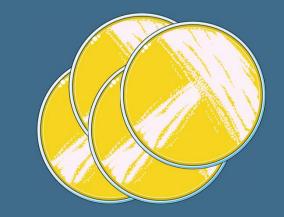
Bacterial cultivation and preservation

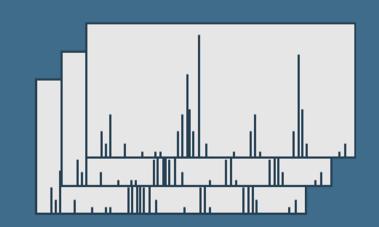
Bacterial isolation, identification and dereplication via MALDI-TOF MS

Whole-genome sequence analyses and bioinformatics

Taxonomy and novel species descriptions

Custom strain searches and bacterial genome analyses









LEARN MORE

The StrainInSight® private strain collection, tools and services are available for academia and industry. Visit our website or contact us for more information.



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