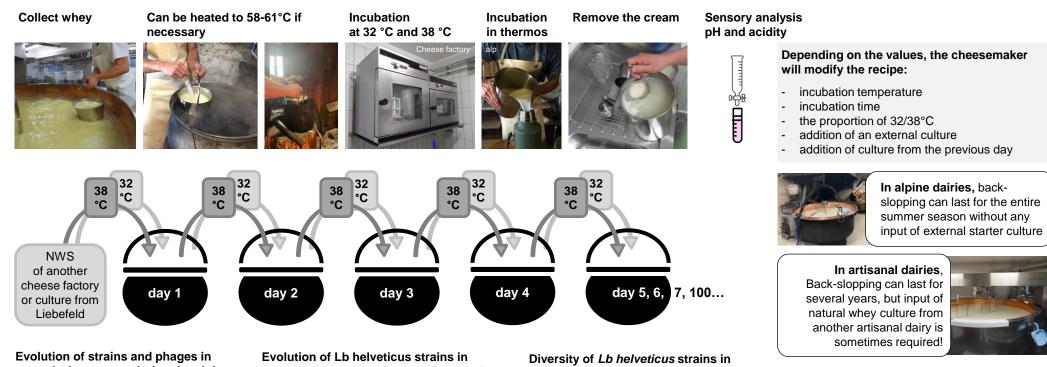
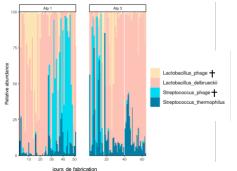
Natural whey starter (NWS)

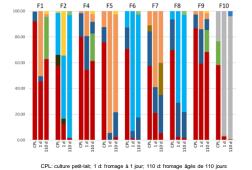
Haldemann J., Sartori C., Arias E., Fehér N. Agroscope, Liebefeld, Suisse; www.agroscope.ch



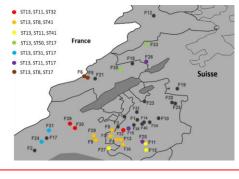
Evolution of strains and phages in natural whey starter during the alpine pasture season



Evolution of Lb helveticus strains in natural whey starter, fresh and 3-monthold Gruyère cheese



Diversity of *Lb helveticus* strains in whey cultures according to the region of Gruyère PDO production



Take home message

- ✓ The whey culture is made up of undefined strains.
- ✓ Phages and bacterial strains coexist.
- ✓ It is rich in Lactobacillus helveticus.
- ✓ It guarantees the typicality of the cheese dairy thanks to the know-how and the terroir.

Publication

Population Dynamics of Lactobacillus helveticus in Swiss Gruyère-Type Cheese Manufactured With Natural Whey Cultures, Moser and al.

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