Genome context methods
(phylogenetic profiles, gene fusions, gene proximity ...)

**S. meliloti functional interactions**

Normalizing scores

**Union network**
5,422 proteins involved in 38,185 unique interactions

**Intersection network**
3,010 proteins involved in 7,716 unique interactions

Module finding
257 functional modules

1st: symbiosis proteins mapping (from literature-search)

**Initial Symbiosis Interactome network**
137 proteins involved in 128 unique interactions

2nd: phenotypic profiling mapping

**Phenotypic Symbiosis Interactome network**
230 proteins involved in 178 unique interactions

3rd: Module mapping

**Module Symbiosis Interactome network**
352 proteins involved in 678 unique interactions

4th: other classical-known proteins

**The Symbiosis Interactome**
440 proteins involved in 1,041 unique interactions

263 novel symbiosis components