

Prolinks database

String database

Genome context methods

(phylogenetic profiles, gene fusions, gene proximity ...)

S. meliloti functional interactions

Normalizing scores

Union

Intersection

Module finding

257 functional modules

Union network

5,422 proteins involved in
38,185 unique interactions

Intersection network

3,010 proteins involved in 7,716 unique interactions

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 interaction

263 novel
symbiosis
components

