

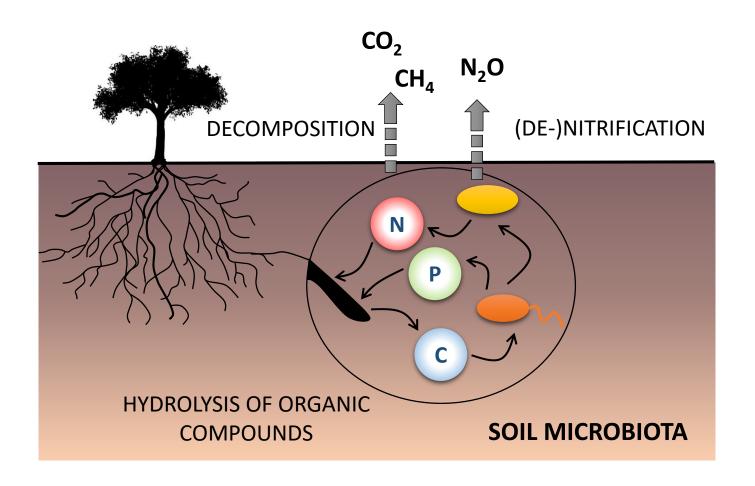




## SPANISH INSTITUTE FOR AGRICULTURAL RESEARCH DEPARTMENT OF ENVIRONMENT AND AGRONOMY

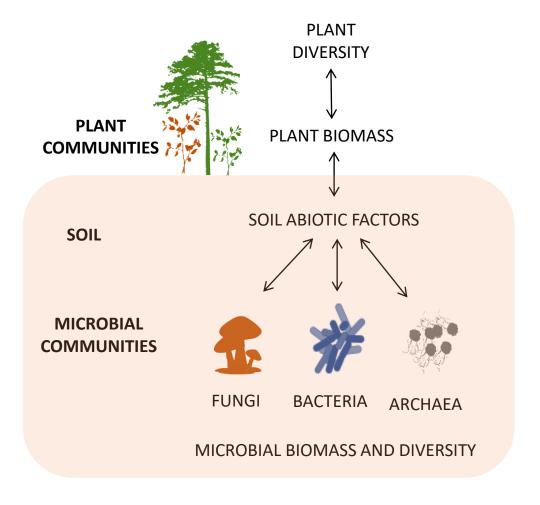
marta.goberna@inia.es



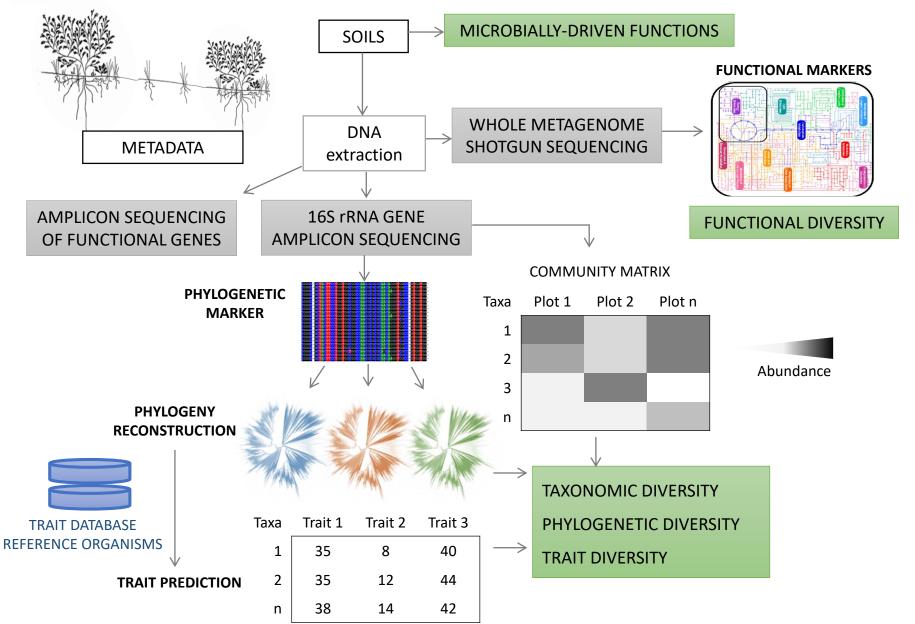




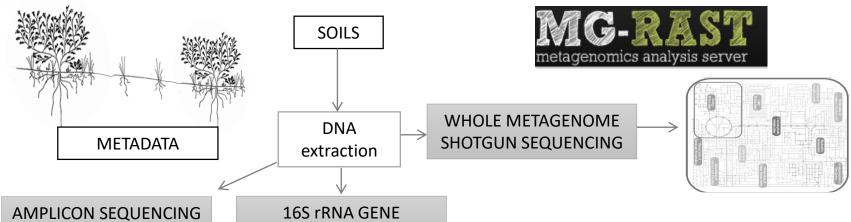
- MICROBIAL COMMUNITY ASSEMBLY
- MICROBIAL DIVERSITY ECOSYSTEM FUNCTIONS







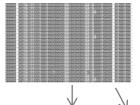






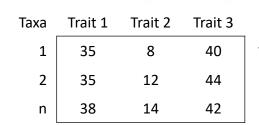
16S rRNA GENE
AMPLICON SEQUENCING











TAXONOMIC DIVERSITY
PHYLOGENETIC DIVERSITY
TRAIT DIVERSITY





- DATA LINKED TO EXTENSIVE METADATA
- FLEXIBILITY TO IMPORT / EXPORT DATA AT DIFFERENT STEPS OF THE ANALYSIS
- ABILITY TO TRACK DATA PROVENANCE AND ANALYSIS
- SHARING DATA WITH NON-SPECIALISED USERS
- PHYLOGENETIC INFERENCE OF LARGER NUMBERS OF LONGER READS