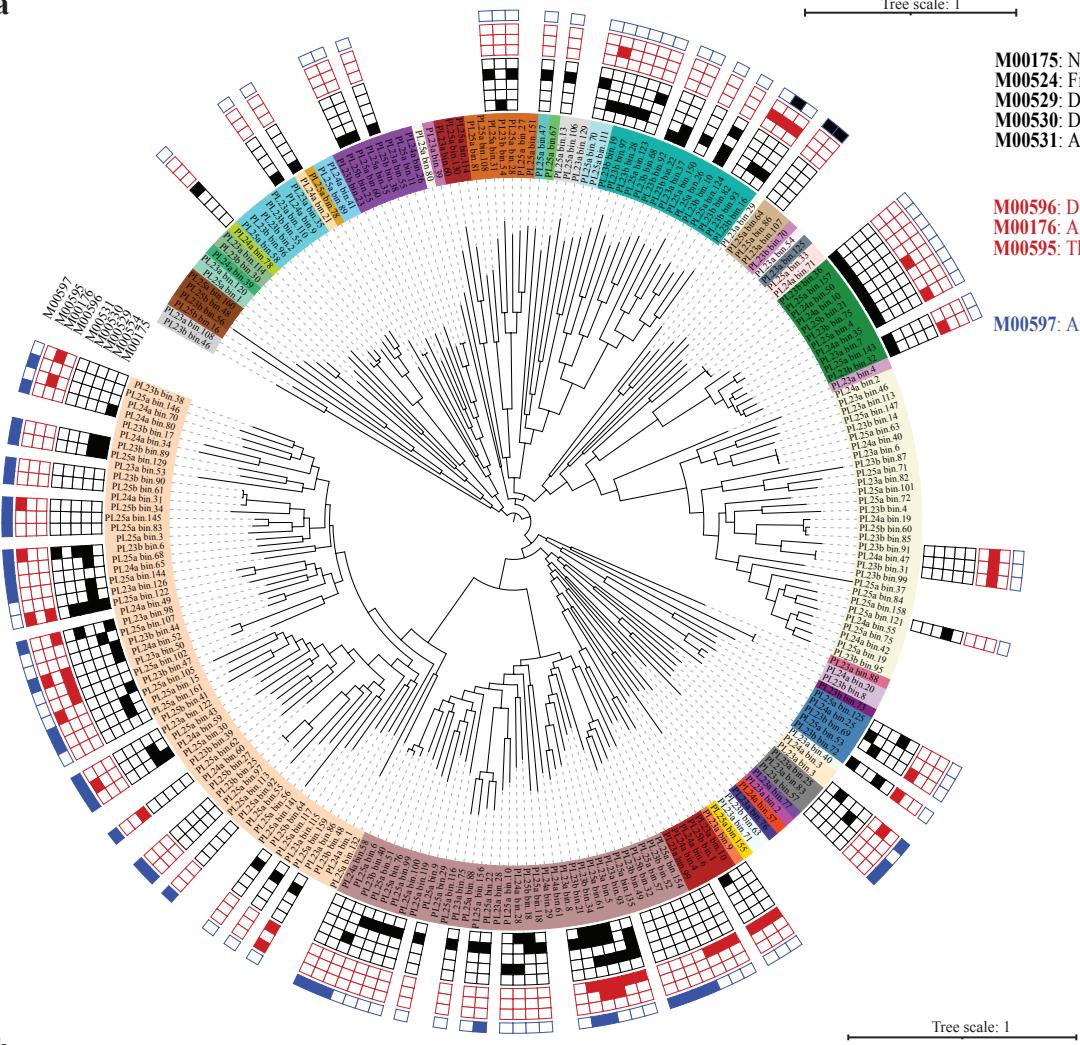


a



## Nitrogen metabolism

**M00175:** Nitrogen fixation, Nitrogen → Ammonia  
**M00524:** FixL-FixJ (nitrogen fixation) two-component regulatory system  
**M00529:** Denitrification, Nitrate → Nitrogen  
**M00530:** Dissimilatory nitrate reduction, Nitrate → Ammonia  
**M00531:** Assimilatory nitrate reduction, Nitrate → Ammonia

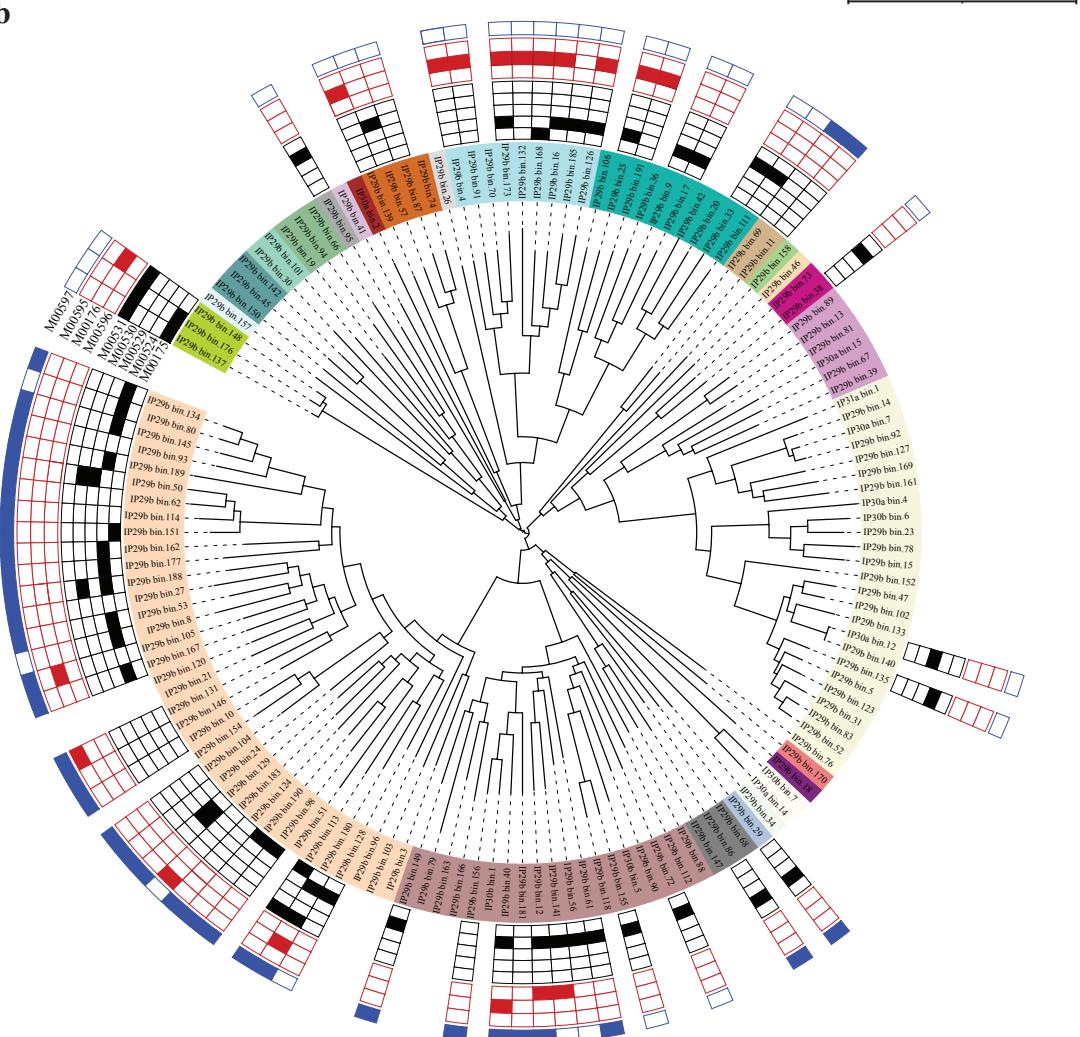
## Sulfur metabolism

**M00596:** Dissimilatory sulfate reduction, Sulfate → H<sub>2</sub>S  
**M00176:** Assimilatory sulfate reduction, Sulfate → H<sub>2</sub>S  
**M00595:** Thiosulfate oxidation by SOX complex, Thiosulfate → Sulfate

## Anoxygenic photosynthesis

## M00597: Anoxygenic photosystem II

## Anoxygenic photosynthesis



Class