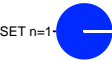
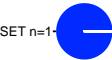


Methylation gain in Opisthokonta



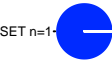
N=1 at $p \geq 0.50$

Methylation gain in Ambulacraria



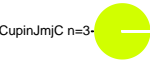
N=1 at $p \geq 0.50$

Methylation gain in Mollusca



N=1 at $p \geq 0.50$

Methylation gain in Choanoflagellata



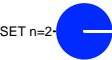
N=3 at $p \geq 0.50$

Methylation gain in Holozoa



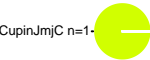
N=2 at $p \geq 0.50$

Methylation gain in Echinodermata



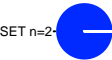
N=2 at $p \geq 0.50$

Methylation gain in Annelida



N=1 at $p \geq 0.50$

Methylation gain in SarcCfra



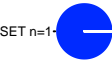
N=2 at $p \geq 0.50$

Methylation gain in Metazoa



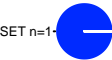
N=2 at $p \geq 0.50$

Methylation gain in Pancrustacea



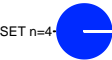
N=1 at $p \geq 0.50$

Methylation gain in Hydrozoa



N=1 at $p \geq 0.50$

Methylation gain in Dikarya



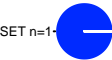
N=4 at $p \geq 0.50$

Methylation gain in BilCniTri



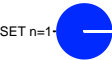
N=2 at $p \geq 0.50$

Methylation gain in Tardigrada



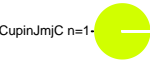
N=1 at $p \geq 0.50$

Methylation gain in Calcarea



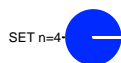
N=1 at $p \geq 0.50$

Methylation gain in Basidiomycota



N=1 at $p \geq 0.50$

Methylation gain in Blastocladiomycota



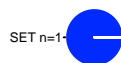
N=4 at $p \geq 0.50$

Methylation gain in Malawimonadida



N=3 at $p \geq 0.50$

Methylation gain in Tracheophyta



N=1 at $p \geq 0.50$

Methylation gain in Chlorophyceae



N=3 at $p \geq 0.50$

Methylation gain in Eumycetozoa



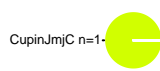
N=4 at $p \geq 0.50$

Methylation gain in Diaphorickes



N=4 at $p \geq 0.50$

Methylation gain in Polypodiopsida



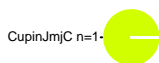
N=1 at $p \geq 0.50$

Methylation gain in Trebouxiphyceae



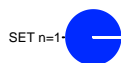
N=1 at $p \geq 0.50$

Methylation gain in Ancyromonadida



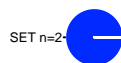
N=1 at $p \geq 0.50$

Methylation gain in Viridiplantae



N=1 at $p \geq 0.50$

Methylation gain in Bryophyta



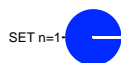
N=2 at $p \geq 0.50$

Methylation gain in Mamiellophyceae



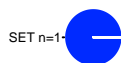
N=7 at $p \geq 0.50$

Methylation gain in Ancyromonadida



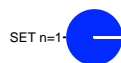
N=1 at $p \geq 0.50$

Methylation gain in Embryophyta



N=1 at $p \geq 0.50$

Methylation gain in Chlorophyta



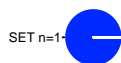
N=1 at $p \geq 0.50$

Methylation gain in Cryptista



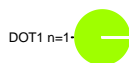
N=3 at $p \geq 0.50$

Methylation gain in SARHap



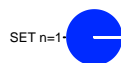
N=1 at $p \geq 0.50$

Methylation gain in Oomycota



N=1 at $p \geq 0.50$

Methylation gain in Alveolata



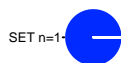
N=1 at $p \geq 0.50$

Methylation gain in Dinozoa



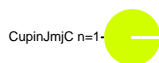
N=3 at $p \geq 0.50$

Methylation gain in Stramenopiles



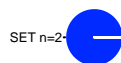
N=1 at $p \geq 0.50$

Methylation gain in PhytAlbu



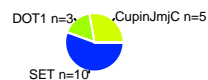
N=1 at $p \geq 0.50$

Methylation gain in ApiDino



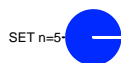
N=2 at $p \geq 0.50$

Methylation gain in Dinoflagellata



N=18 at $p \geq 0.50$

Methylation gain in Diatomista



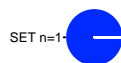
N=5 at $p \geq 0.50$

Methylation gain in Labyrinthulea



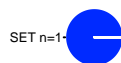
N=3 at $p \geq 0.50$

Methylation gain in ApiChrom



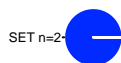
N=1 at $p \geq 0.50$

Methylation gain in Ciliata



N=1 at $p \geq 0.50$

Methylation gain in Phaeophyceae



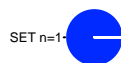
N=2 at $p \geq 0.50$

Methylation gain in Thraustochytrid



N=3 at $p \geq 0.50$

Methylation gain in Apicomplexa



N=1 at $p \geq 0.50$

Methylation gain in Haptista

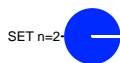


N=7 at $p \geq 0.50$

Methylation gain in Metamonada

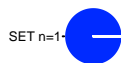


N=1 at $p \geq 0.50$



N=2 at $p \geq 0.50$

Methylation gain in Discoba



N=1 at $p \geq 0.50$

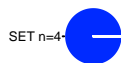


Methylation gain in Euglenozoa



N=10 at $p \geq 0.50$

Methylation gain in Trypanosomatid



N=4 at $p \geq 0.50$