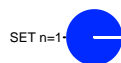
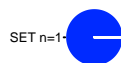


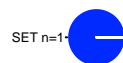
Methylase gain in Opisthokonta



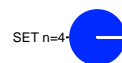
Methylase gain in Ambulacraria



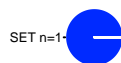
Methylase gain in Mollusca



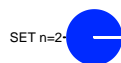
Methylase gain in Dikarya



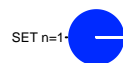
Methylase gain in Holozoa



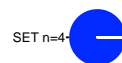
Methylase gain in Echinodermata



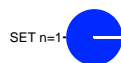
Methylase gain in Hydrozoa



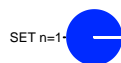
Methylase gain in Blastocladiomycota



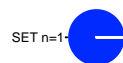
Methylase gain in Metazoa



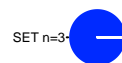
Methylase gain in Pancrustacea



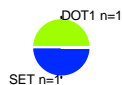
Methylase gain in Calcarea



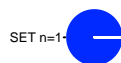
Methylase gain in Eumycetozoa



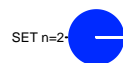
Methylase gain in BilCniTri



Methylase gain in Tardigrada



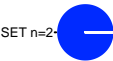
Methylase gain in SarcCfra



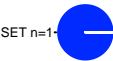
Methylase gain in Ancyromonadida



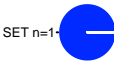
Methylase gain in Malawimonadida



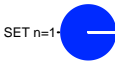
Methylase gain in Tracheophyta



Methylase gain in Trebouxiophyceae



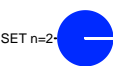
Methylase gain in Stramenopiles



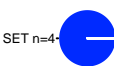
Methylase gain in Diaphorickes



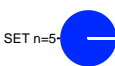
Methylase gain in Bryophyta



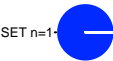
Methylase gain in Mamiellophyceae



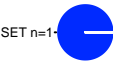
Methylase gain in Diatomista



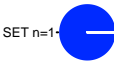
Methylase gain in Viridiplantae



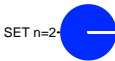
Methylase gain in Chlorophyta



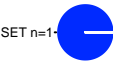
Methylase gain in Cryptista



Methylase gain in Phaeophyceae



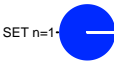
Methylase gain in Embryophyta



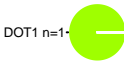
Methylase gain in Chlorophyceae



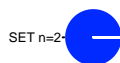
Methylase gain in SARHap



Methylase gain in Oomycota

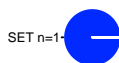


Methylase gain in Labyrinthulea



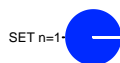
N=2 at $p \geq 0.50$

Methylase gain in ApiChrom



N=1 at $p \geq 0.50$

Methylase gain in Ciliata



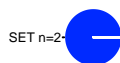
N=1 at $p \geq 0.50$

Methylase gain in Euglenozoa



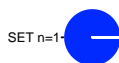
N=10 at $p \geq 0.50$

Methylase gain in Thraustochytrida



N=2 at $p \geq 0.50$

Methylase gain in Apicomplexa



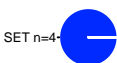
N=1 at $p \geq 0.50$

Methylase gain in Haptista



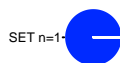
N=4 at $p \geq 0.50$

Methylase gain in Trypanosomatida



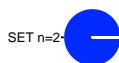
N=4 at $p \geq 0.50$

Methylase gain in Alveolata



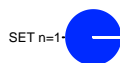
N=1 at $p \geq 0.50$

Methylase gain in Dinozoa



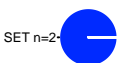
N=2 at $p \geq 0.50$

Methylase gain in Hemimastigophor



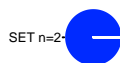
N=1 at $p \geq 0.50$

Methylase gain in Metamonada



N=2 at $p \geq 0.50$

Methylase gain in ApiDino



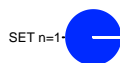
N=2 at $p \geq 0.50$

Methylase gain in Dinoflagellata



N=13 at $p \geq 0.50$

Methylase gain in Discoba



N=1 at $p \geq 0.50$

