Methylase gain from Eukaryota on

N=199 at p>=0.50

Methylase gain from Opisthokonta o

N=90 at p>=0.50

Methylase gain from Metazoa on

N=49 at p>=0.50

Methylase gain from Chordata on

N=6 at p>=0.50

Methylase gain from AmorCRUM or

N=102 at p>=0.50

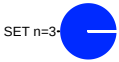
Methylase gain from Holozoa on

N=72 at p>=0.50

Methylase gain from BilCniTri on

N=40 at p>=0.50

Methylase gain from VertTuni on



N=3 at p>=0.50

Methylase gain from Amorphea on

N=98 at p>=0.50

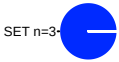
Methylase gain from Filozoa on

N=55 at p>=0.50

Methylase gain from Bilateria on

N=30 at p>=0.50

Methylase gain from Vertebrata on



N=3 at p>=0.50

Methylase gain from Obazoa on

N=90 at p>=0.50

Methylase gain from Choanozoa or

N=52 at p>=0.50

Methylase gain from Deuterostomia

N=18 at p>=0.50

Methylase gain from Ambulacraria o

N=15 at p>=0.50

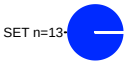
Methylase gain from Hemichordata c

N=6 at p>=0.50

Methylase gain from Arthropoda or

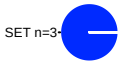
N=2 at p>=0.50

Methylase gain from Spiralia on



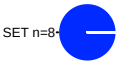
N=13 at p>=0.50

Methylase gain from Annelida on



N=3 at p>=0.50

Methylase gain from Echinodermata

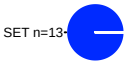


N=8 at p>=0.50

Methylase gain from Pancrustacea c

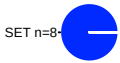
N=2 at p>=0.50

Methylase gain from Lophotrochozoa



N=13 at p>=0.50

Methylase gain from Kryptozoa on

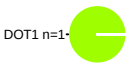


N=8 at p>=0.50

Methylase gain from Protostomia or

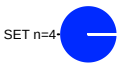
N=17 at p>=0.50

Methylase gain from Insecta on



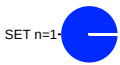
N=1 at p>=0.50

Methylase gain from Mollusca on



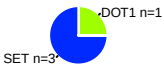
N=4 at p>=0.50

Methylase gain from Brachiozoa or



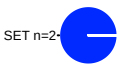
N=1 at p>=0.50

Methylase gain from ArtTardi on



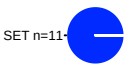
N=4 at p>=0.50

Methylase gain from Tardigrada on



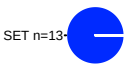
N=2 at p>=0.50

Methylase gain from AnnKryp on



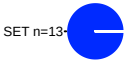
N=11 at p>=0.50

Methylase gain from CniTri on



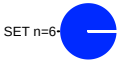
N=13 at p>=0.50

Methylase gain from Cnidaria on



N=13 at p>=0.50

Methylase gain from Hydrozoa on

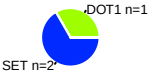


N=6 at p>=0.50

Methylase gain from EphyTet on

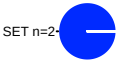
N=6 at p>=0.50

Methylase gain from Filasterea on



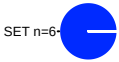
N=3 at p>=0.50

Methylase gain from Anthozoa on



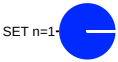
N=2 at p>=0.50

Methylase gain from ScyCubozoa o



N=6 at p>=0.50

Methylase gain from HomoCalc on

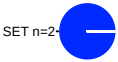


N=1 at p>=0.50

Methylase gain from Teretosporea o

N=17 at p>=0.50

Methylase gain from Scleractinia or

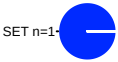


N=2 at p>=0.50

Methylase gain from Porifera on

N=8 at p>=0.50

Methylase gain from Calcarea on

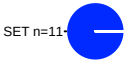


N=1 at p>=0.50

Methylase gain from Ichthyosporea c

N=16 at p>=0.50

Methylase gain from HydScyCubozoa

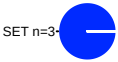


N=11 at p>=0.50

Methylase gain from Demospongiae

N=7 at p>=0.50

Methylase gain from Choanoflagellata

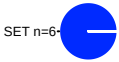


N=3 at p>=0.50

Methylase gain from Icthyophonida c

N=9 at p>=0.50

Methylase gain from SarcCfra on

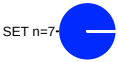


N=6 at p>=0.50

Methylase gain from TerFun on

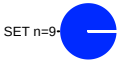
N=25 at p>=0.50

Methylase gain from saccharomyceta



N=7 at p>=0.50

Methylase gain from Mucoromycota



N=9 at p>=0.50

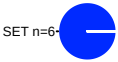
Methylase gain from Holomycota o

N=28 at p>=0.50

Methylase gain from DikaMuco on

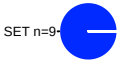
N=24 at p>=0.50

Methylase gain from Pezizomycotina



N=6 at p>=0.50

Methylase gain from MortGlomMuco



N=9 at p>=0.50

Methylase gain from Fungi on

N=28 at p>=0.50

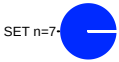
Methylase gain from Dikarya on

N=15 at p>=0.50

Methylase gain from Basidiomycota

N=4 at p>=0.50

Methylase gain from MortGlom on

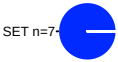


N=7 at p>=0.50

Methylase gain from Eufungi on

N=28 at p>=0.50

Methylase gain from Ascomycota o

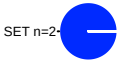


N=7 at p>=0.50

Methylase gain from Agaricomycotina

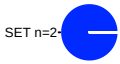
N=2 at p>=0.50

Methylase gain from Mucorales on



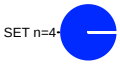
N=2 at p>=0.50

Methylase gain from Mucorineae or



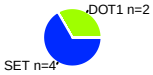
N=2 at p>=0.50

Methylase gain from Blastocladiomycot



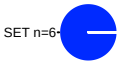
N=4 at p>=0.50

Methylase gain from Eumycetozoa c



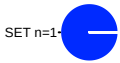
N=6 at p>=0.50

Methylase gain from RigiDiph on



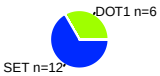
N=6 at p>=0.50

Methylase gain from Zoopagomycota



N=1 at p>=0.50

Methylase gain from Amoebozoa or

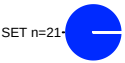


N=18 at p>=0.50

Methylase gain from Dictyosteliales c

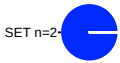
N=2 at p>=0.50

Methylase gain from Ancyromonadida



N=21 at p>=0.50

Methylase gain from Chytridiomycota

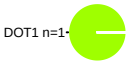


N=2 at p>=0.50

Methylase gain from EvoDiscosea o

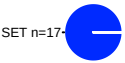
N=12 at p>=0.50

Methylase gain from Acytosteliales c



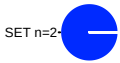
N=1 at p>=0.50

Methylase gain from AncyPlano on



N=17 at p>=0.50

Methylase gain from MonoblNeocal c

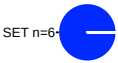


N=2 at p>=0.50

Methylase gain from Evosea on

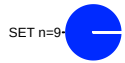
N=9 at p>=0.50

Methylase gain from CRuMs on



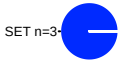
N=6 at p>=0.50

Methylase gain from Ancyromonadida



N=9 at p>=0.50

Methylase gain from Malawimonadidae

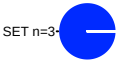


N=3 at p>=0.50

Methylase gain from Viridiplantae o

N=32 at p>=0.50

Methylase gain from Tracheophyta o



N=3 at p>=0.50

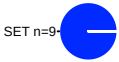
Methylase gain from Tetraphytina o

N=9 at p>=0.50

Methylase gain from Diaphoratickes

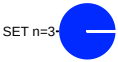
N=131 at p>=0.50

Methylase gain from Streptophyta o



N=9 at p>=0.50

Methylase gain from Bryophyta on



N=3 at p>=0.50

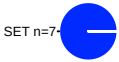
Methylase gain from ChlorUlvophy

N=7 at p>=0.50

Methylase gain from ArchaeCry on

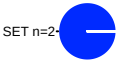
N=47 at p>=0.50

Methylase gain from Embryophyta o



N=7 at p>=0.50

Methylase gain from Charophyta or



N=2 at p>=0.50

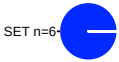
Methylase gain from Chlorophyceae

N=5 at p>=0.50

Methylase gain from Archaeplastida

N=39 at p>=0.50

Methylase gain from TrachBryophyta

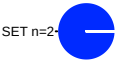


N=6 at p>=0.50

Methylase gain from Chlorophyta o

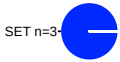
N=22 at p>=0.50

Methylase gain from Ulvophyceae o



N=2 at p>=0.50

Methylase gain from Trebouxiophyceae

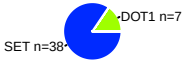


N=3 at p>=0.50

Methylase gain from Cryptista on

N=13 at p>=0.50

Methylase gain from Stramenopiles (

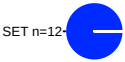


N=45 at p>=0.50

Methylase gain from Diatomista on

N=18 at p>=0.50

Methylase gain from Mamiellophyceae



N=12 at p>=0.50

Methylase gain from SARHap on

N=109 at p>=0.50

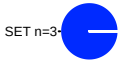
Methylase gain from Gyrista on

N=36 at p>=0.50

Methylase gain from PhaeoNanno o

N=9 at p>=0.50

Methylase gain from Rhodophyta or



N=3 at p>=0.50

Methylase gain from SAR on

N=99 at p>=0.50

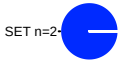
Methylase gain from Ochrophyta or

N=31 at p>=0.50

Methylase gain from Phaeophyceae (

N=6 at p>=0.50

Methylase gain from EurhPorp on



N=2 at p>=0.50

Methylase gain from StrAlv on

N=87 at p>=0.50

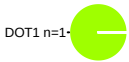
Methylase gain from DiatPelag on

N=25 at p>=0.50

Methylase gain from Oomycota on

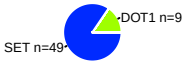
N=6 at p>=0.50

Methylase gain from PhytAlbu on



N=1 at p>=0.50

Methylase gain from Alveolata on

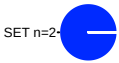


N=58 at p>=0.50

Methylase gain from Conoidasida o

N=4 at p>=0.50

Methylase gain from Ciliata on

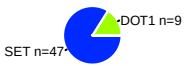


N=2 at p>=0.50

Methylase gain from Labyrinthulea c

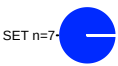
N=12 at p>=0.50

Methylase gain from ApiDino on



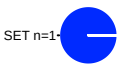
N=56 at p>=0.50

Methylase gain from Chromerida or



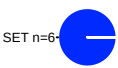
N=7 at p>=0.50

Methylase gain from Oligohymenophore



N=1 at p>=0.50

Methylase gain from Thraustochytrida

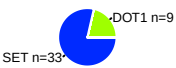


N=6 at p>=0.50

Methylase gain from ApiChrom on

N=15 at p>=0.50

Methylase gain from Dinozoa on

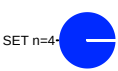


N=42 at p>=0.50

Methylase gain from Rhizaria on

N=24 at p>=0.50

Methylase gain from SchyHond on

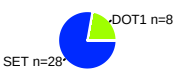


N=4 at p>=0.50

Methylase gain from Apicomplexa o

N=7 at p>=0.50

Methylase gain from Dinoflagellata c



N=36 at p>=0.50

Methylase gain from Cercozoa on

N=20 at p>=0.50

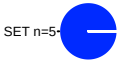
Methylase gain from Haptista on

N=26 at p>=0.50

Methylase gain from Discicristata o

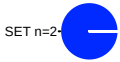
N=26 at p>=0.50

Methylase gain from Trypanosomatida



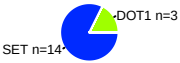
N=5 at p>=0.50

Methylase gain from Andalucina or



N=2 at p>=0.50

Methylase gain from Prymnesiophycea

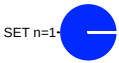


N=17 at p>=0.50

Methylase gain from Heterolobosea

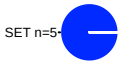
N=7 at p>=0.50

Methylase gain from LeisStri on



N=1 at p>=0.50

Methylase gain from Histionina on

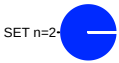


N=5 at p>=0.50

Methylase gain from Hemimastigophor

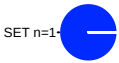
N=9 at p>=0.50

Methylase gain from TetraPhary on



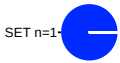
N=2 at p>=0.50

Methylase gain from Leishmaniinae



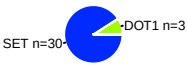
N=1 at p>=0.50

Methylase gain from JakSec on



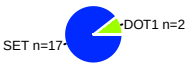
N=1 at p>=0.50

Methylase gain from Discoba on



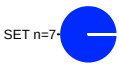
N=33 at p>=0.50

Methylase gain from Euglenozoa or



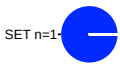
N=19 at p>=0.50

Methylase gain from Jakobida on



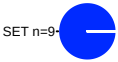
N=7 at p>=0.50

Methylase gain from Jakoba on



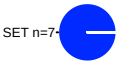
N=1 at p>=0.50

Methylase gain from Metamonada o



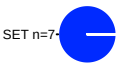
N=9 at p>=0.50

Methylase gain from Fornicata on



N=7 at p>=0.50

Methylase gain from DiploKip on



N=7 at p>=0.50