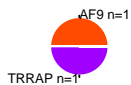


**KMT4 gain from Eukaryota on**



N=2 at  $p \geq 0.50$

**KMT4 gain from Opisthokonta on**



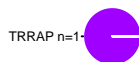
N=1 at  $p \geq 0.50$

**KMT4 gain from Metazoa on**



N=1 at  $p \geq 0.50$

**KMT4 gain from Diaphoratickes on**



N=1 at  $p \geq 0.50$

**KMT4 gain from AmorphCRUM on**



N=1 at  $p \geq 0.50$

**KMT4 gain from Holozoa on**



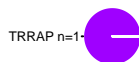
N=1 at  $p \geq 0.50$

**KMT4 gain from Teretosporea on**



N=1 at  $p \geq 0.50$

**KMT4 gain from ArchaeCry on**



N=1 at  $p \geq 0.50$

**KMT4 gain from Amorphea on**



N=1 at  $p \geq 0.50$

**KMT4 gain from Filozoa on**



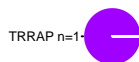
N=1 at  $p \geq 0.50$

**KMT4 gain from CRuMs on**



N=1 at  $p \geq 0.50$

**KMT4 gain from Archaeplastida on**



N=1 at  $p \geq 0.50$

**KMT4 gain from Obazoa on**



N=1 at  $p \geq 0.50$

**KMT4 gain from Choanozoa on**



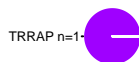
N=1 at  $p \geq 0.50$

**KMT4 gain from RigiDiph on**



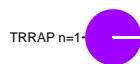
N=1 at  $p \geq 0.50$

**KMT4 gain from Viridiplantae on**



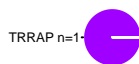
N=1 at  $p \geq 0.50$

### KMT4 gain from Streptophyta on



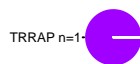
N=1 at  $p \geq 0.50$

### KMT4 gain from Euphyllophyta on



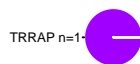
N=1 at  $p \geq 0.50$

### KMT4 gain from Pentapetalae on



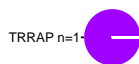
N=1 at  $p \geq 0.50$

### KMT4 gain from Embryophyta on



N=1 at  $p \geq 0.50$

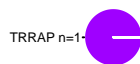
### KMT4 gain from Spermatophyta on



N=1 at  $p \geq 0.50$

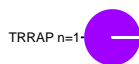


### KMT4 gain from TrachBryophyta or



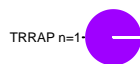
N=1 at  $p \geq 0.50$

### KMT4 gain from Angiospermae on



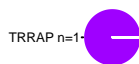
N=1 at  $p \geq 0.50$

### KMT4 gain from Tracheophyta on



N=1 at  $p \geq 0.50$

### KMT4 gain from Eudicots on



N=1 at  $p \geq 0.50$