

0.05

Enrichment (eQTLs

scE2G (scATAC) (BMMC22\_CD4\_pos\_T\_activated) (0.051) ABC (A=scATAC, C=power law) (PBMC\_20\_CD4.N1) (0.051)

scE2G (Multiome) (BMMC22\_CD4\_pos\_T\_activated) (0.053) scE2G (Multiome) (BMMC22\_CD4\_pos\_T\_naive) (0.048)

STARE (gABC, power law) (PBMC\_20\_CD4.N1) (0.053)

scE2G (scATAC) (BMMC22\_CD4\_pos\_T\_naive) (0.051)

scE2G (Multiome) (PBMC\_22\_CD4.M) (0.048)

scE2G (scATAC) (PBMC\_20\_CD4.N1) (0.048)

STARE (gABC, power law) (PBMC\_22\_CD4.M) (0.051) ABC (A=scATAC, C=power law) (BMMC22\_CD4\_pos\_T\_activated) (0.051)

In element (ABC) & distance to TSS (BMMC22 CD4 pos T naive) (0.048)

In element (ABC) & distance to TSS (BMMC22\_CD4\_pos\_T\_activated) (0.048)

scE2G (scATAC) (PBMC\_22\_CD4.M) (0.051) ABC (A=scATAC, C=power law) (BMMC22\_CD4\_pos\_T\_naive) (0.051)

ABC (A=scATAC, C=power law) (PBMC\_22\_CD4.M) (0.048)

In element (ABC) & distance to TSS (PBMC\_20\_CD4.N1) (0.053)

In alament (APC) & distance to TSS (DPMC 32 CD4 M) (0.049)