

ABC (A=scATAC, C=power law) (BMMC22\_Plasma\_cell)

ABC (A=scATAC, C=power law) (BMMC22\_Transitional\_B)

ABC (A=scATAC, C=power law) (PBMC\_17\_B)

FigR (p-value) (BMMC22\_Naive\_CD20\_pos\_B)

In element (ABC) & distance to TSS (BMMC22\_B1\_B)

FigR (p-value) (BMMC22\_Lymph\_prog)

FigR (p-value) (BMMC22\_Plasma\_cell)

FigR (p-value) (PBMC\_17\_B)

FigR (p-value) (BMMC22\_Transitional\_B)



In element (ABC) & distance to TSS (BMMC22\_Naive\_CD20\_pos\_B) In element (ABC) & distance to TSS (BMMC22\_Plasma\_cell)

In element (ABC) & distance to TSS (BMMC22\_Transitional\_B)

In element (ABC) & distance to TSS (PBMC\_17\_B)

scE2G (Multiome) (BMMC22\_Lymph\_prog)

scE2G (Multiome) (BMMC22\_Plasma\_cell)

scE2G (Multiome) (BMMC22\_Transitional\_B)

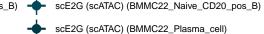
scE2G (Multiome) (PBMC\_17\_B)

scE2G (scATAC) (BMMC22\_B1\_B)

scE2G (Multiome) (BMMC22\_Naive\_CD20\_pos\_B)

scE2G (Multiome) (BMMC22\_B1\_B)

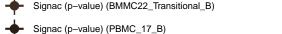
In element (ABC) & distance to TSS (BMMC22\_Lymph\_prog)



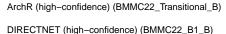


scE2G (scATAC) (BMMC22\_Lymph\_prog)









DIRECTNET (high-confidence) (BMMC22\_Transitional\_B)

DIRECTNET (high-confidence) (BMMC22\_Lymph\_prog)

DIRECTNET (high-confidence) (BMMC22\_Naive\_CD20\_pos\_B)



SCENIC+ (importance) (BMMC22\_Naive\_CD20\_pos\_B)

SCENIC+ (importance) (BMMC22\_Plasma\_cell)

SCENIC+ (importance) (BMMC22\_Transitional\_B)

SCENIC+ (importance) (PBMC 17 B)

Signac (p-value) (BMMC22\_Lymph\_prog)

SCENT (FDR) (PBMC 17 B)

SnapATAC (p-value) (BMMC22\_Naive\_CD20\_pos\_B) SnapATAC (p-value) (BMMC22\_Plasma\_cell)

SnapATAC (p-value) (BMMC22\_Lymph\_prog)

SnapATAC (p-value) (BMMC22\_Transitional\_B)

ArchR (high-confidence) (BMMC22\_Naive\_CD20\_pos\_B)

ArchR (high-confidence) (BMMC22\_Plasma\_cell)

SnapATAC (p-value) (PBMC\_17\_B)

STARE (gABC, power law) (PBMC\_17\_B)

Signac (p-value) (BMMC22\_Naive\_CD20\_pos\_B)

Signac (p-value) (BMMC22\_Plasma\_cell)

DIRECTNET (high-confidence) (BMMC22\_Plasma\_cell)

DIRECTNET (high-confidence) (PBMC\_17\_B)

