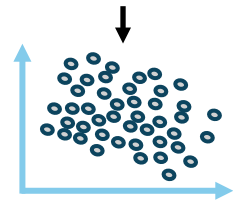
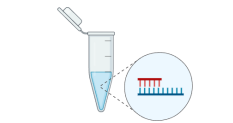


SELF-Former F

Single-cell RNA Sequence



F_{enc}

Scale-up
Block

Self-Trans
Block

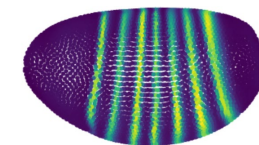
Self-Trans
Block

$\mathcal{A}_r^{(1)}$

F_{dec}

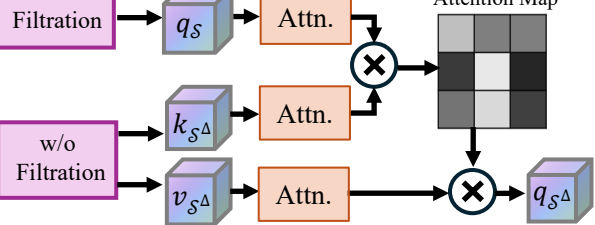
Reconstruction Result \tilde{D}_{st}

plot

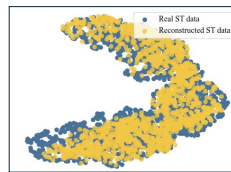


Plotting Result w/ locations

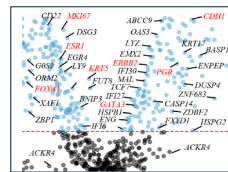
Gene-based Filtration Learning



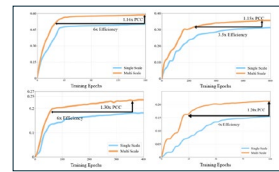
Downstream Analysis



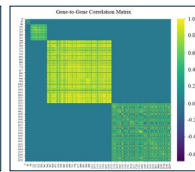
Batch Correction



Gene Filtration



Efficiency and
Performance Analysis



Cell/Gene
Correlation