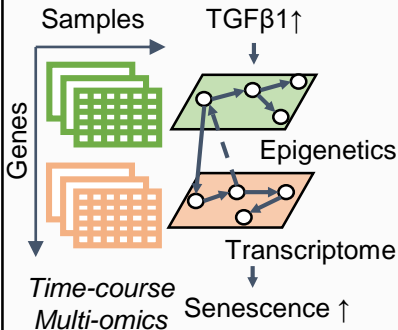


Multi-omics Data Analysis of Dermal Fibroblast Senescence



Public Transcriptome data

In vitro

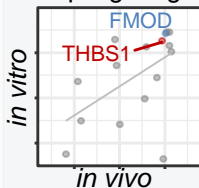


In vivo



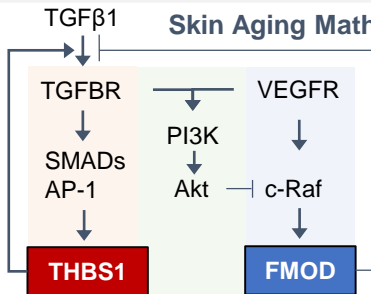
Dermal
Fibroblast
Senescence
Human Skin
Fibroblasts

TGFβ signal genes

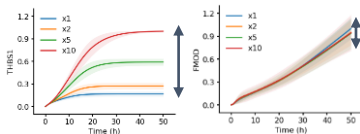


THBS1
:Skin aging
promotor
FMOD
:Skin aging
suppressor

Skin Aging Mathematical Model



Simulation



THBS1
: sensitive

FMOD
: robust