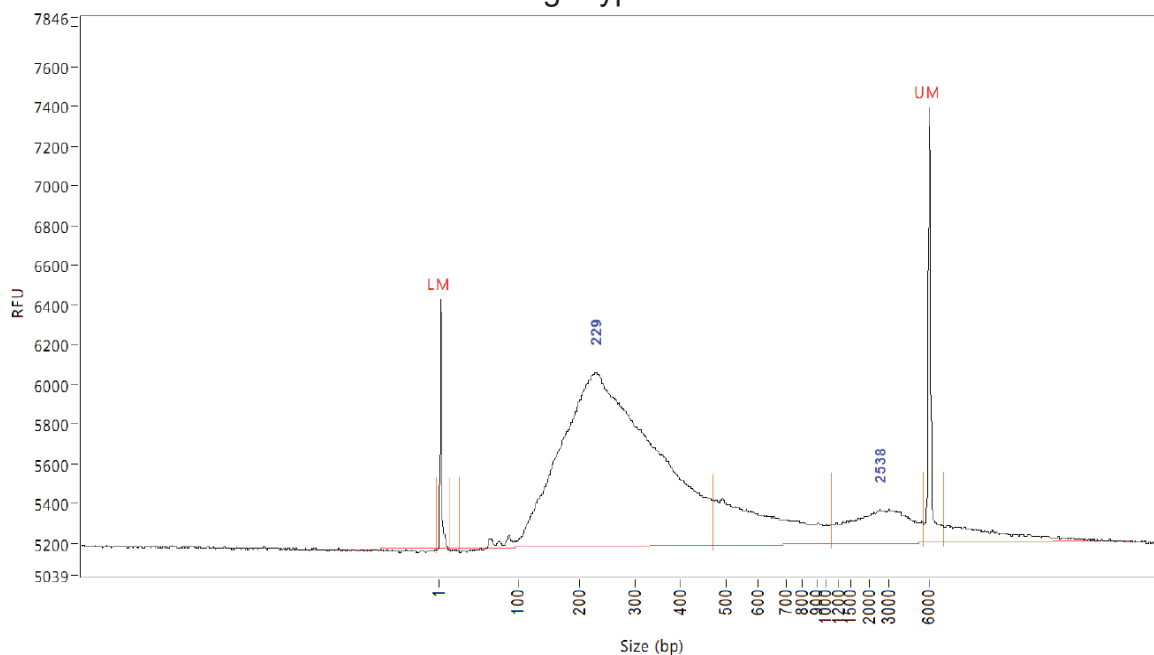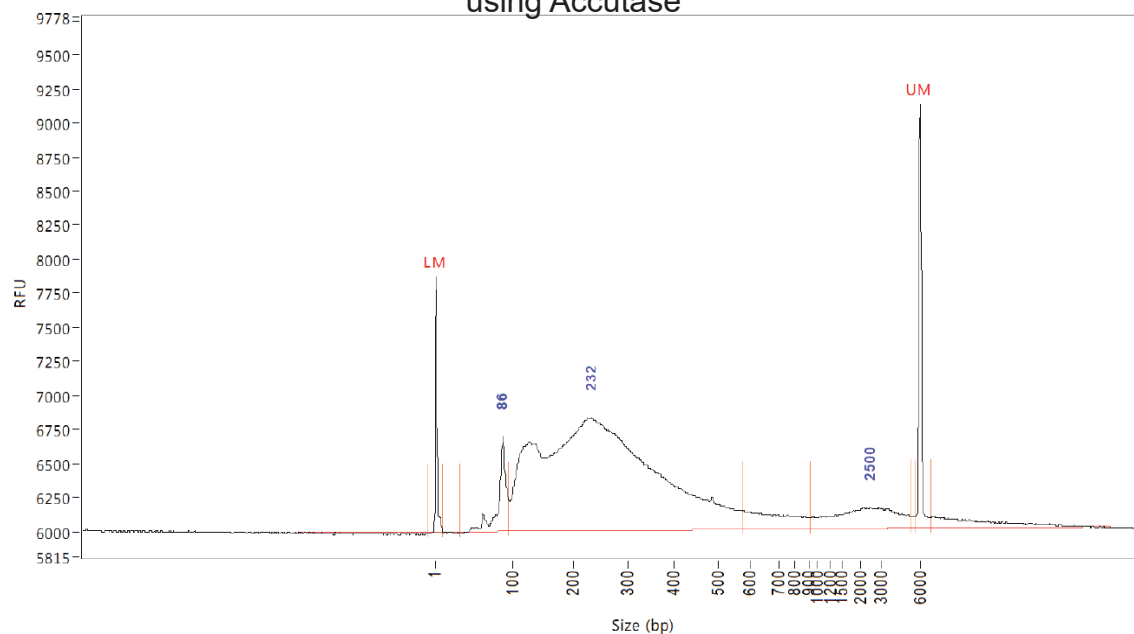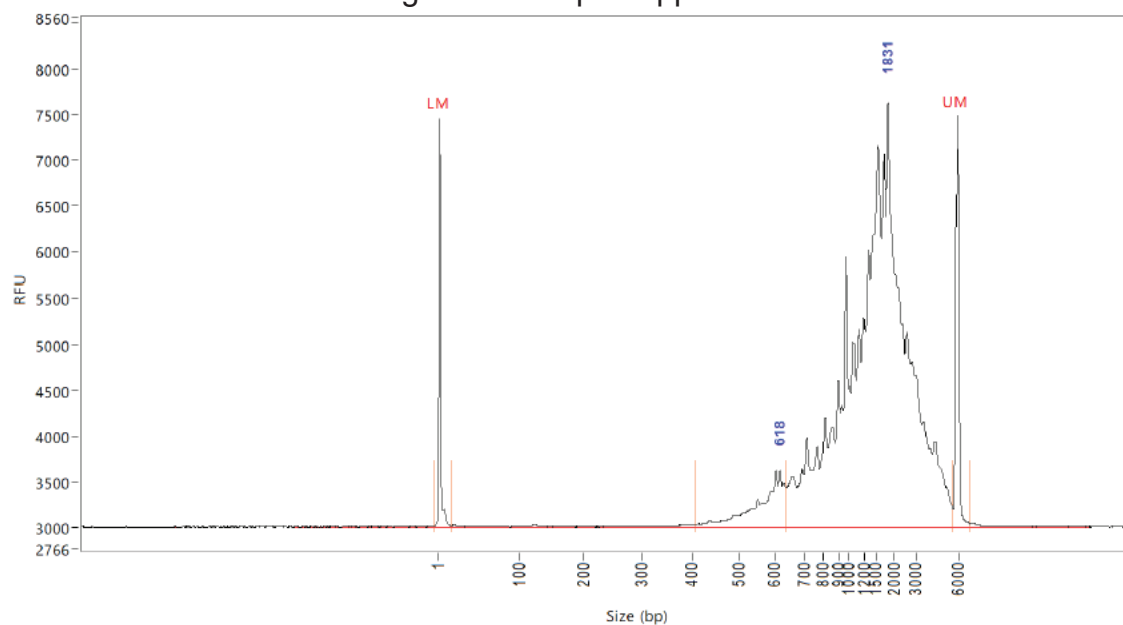A

Size distribution of cDNA from 3D cultures retrieved using Trypsin

Size distribution of cDNA from 3D cultures retrieved using Accutase

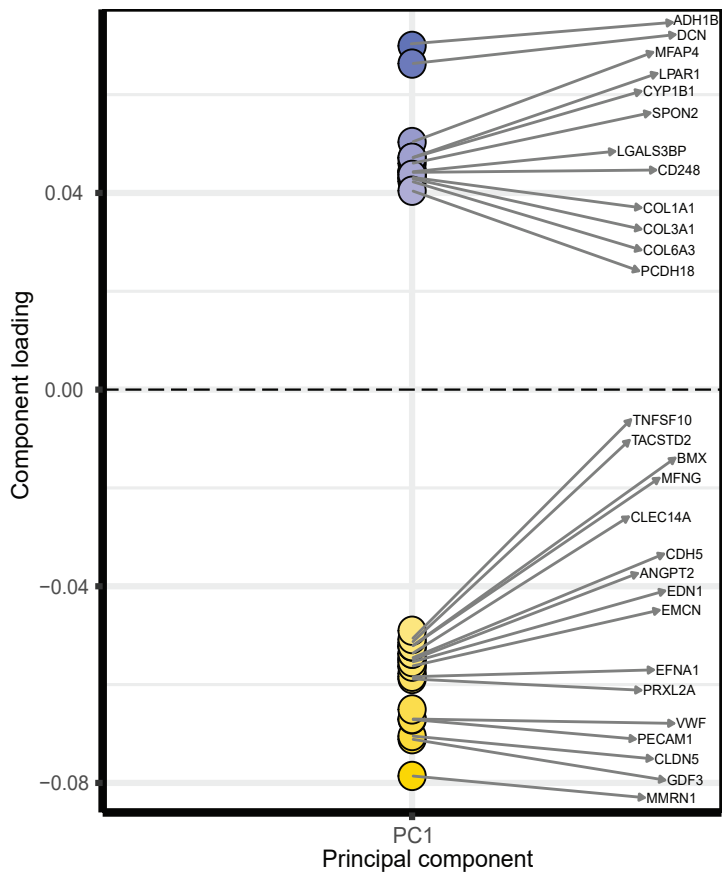
Size distribution of cDNA from 3D cultures retrieved using our developed approach

B

Top genes driving the variation along PC1

Component loading

0.04

0.00

−0.04

−0.08

ADH1B
DCN
MFAP4
LPAR1
CYP1B1
SPON2
LGALS3BP
CD248
COL1A1
COL3A1
COL6A3
PCDH18

TNFSF10
TACSTD2
BMX
MFNG
CLEC14A
CDH5
ANGPT2
EDN1
EMCN
EFNA1
PRXL2A
VWF
PECAM1
CLDN5
GDF3
MMRN1

PC1
Principal component

Top 20% variables

C

GO: Biological Process

GO Term Name

cell adhesion
biological adhesion
blood vessel development
vasculature development
angiogenesis
extracellular matrix organization
extracellular structure organization
external encapsulating structure organization
cell migration
epithelial cell migration
tube morphogenesis
epithelium migration
endothelial cell migration
tissue migration
blood vessel morphogenesis
regulation of cell migration
localization of cell
cell motility
circulatory system development
regulation of cell motility
regulation of locomotion
regulation of angiogenesis
regulation of vasculature development
regulation of cellular component movement
locomotion
tube development
ameboidal-type cell migration
anatomical structure formation involved in morphogenesis

0   5   10   15

$-\text{Log}_{10}$ adjusted P-value