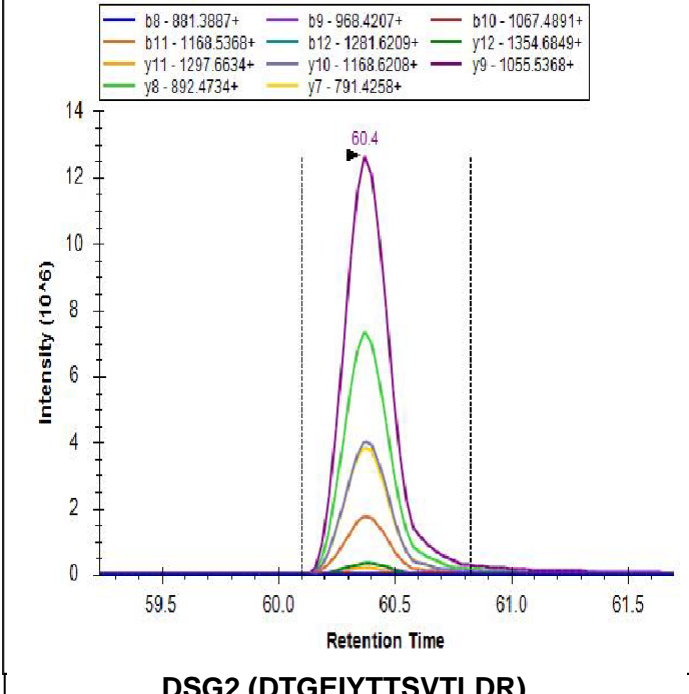
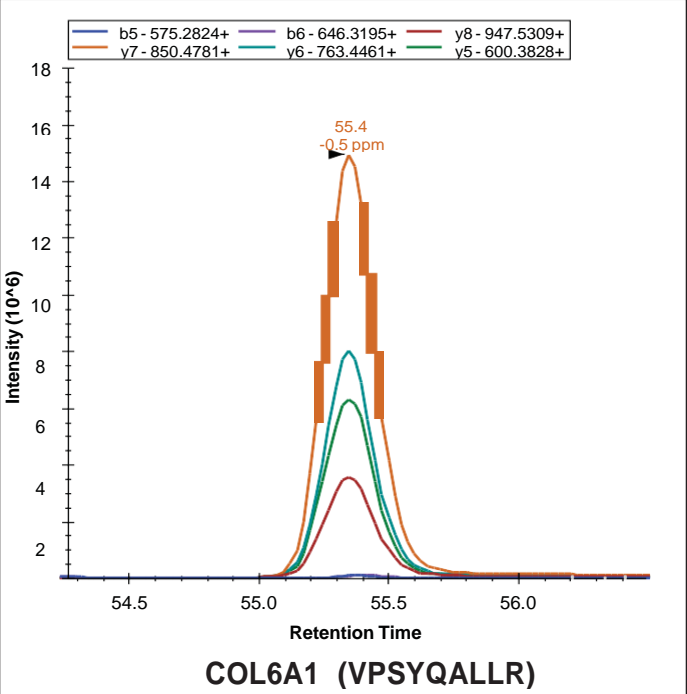
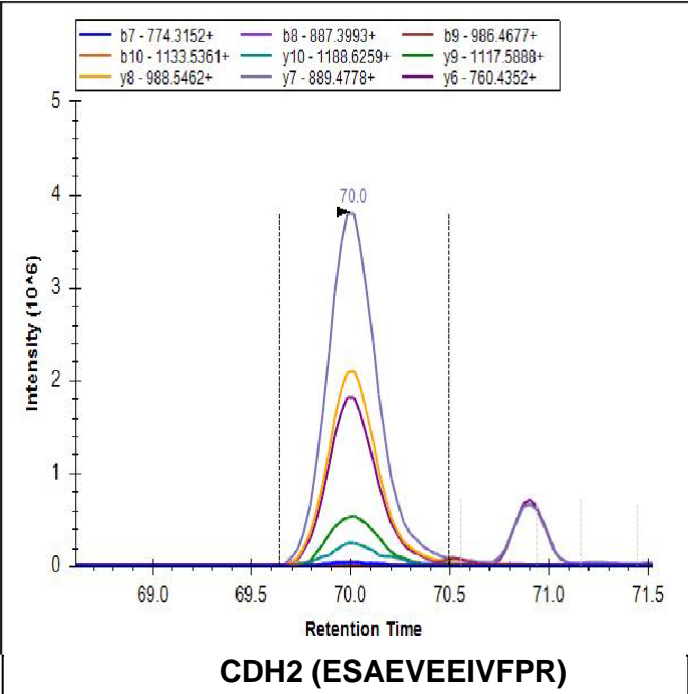
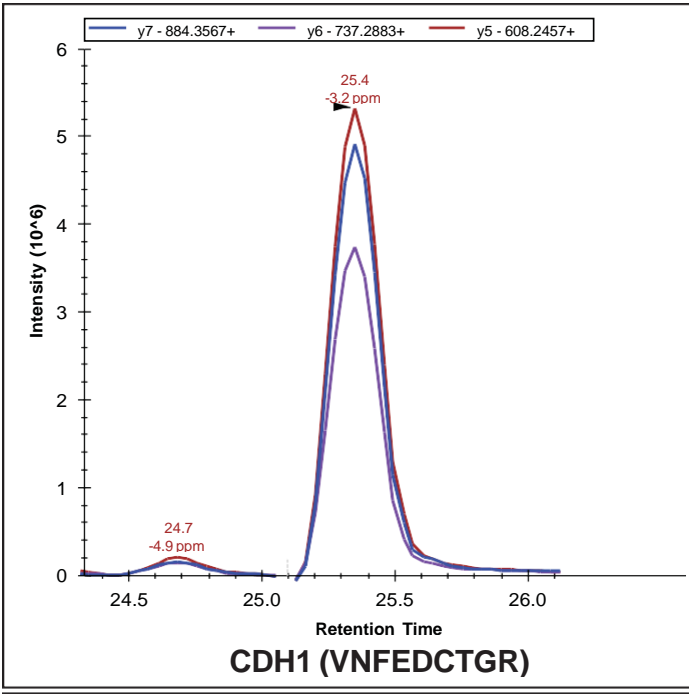
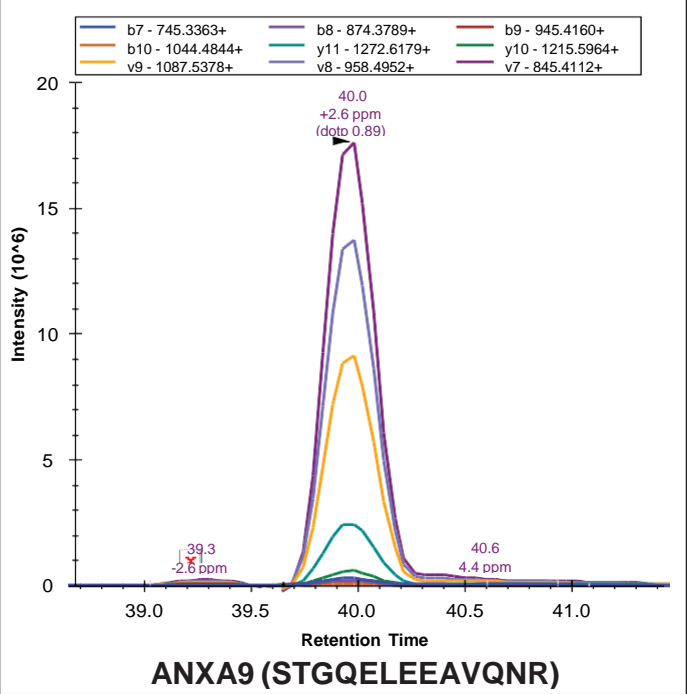
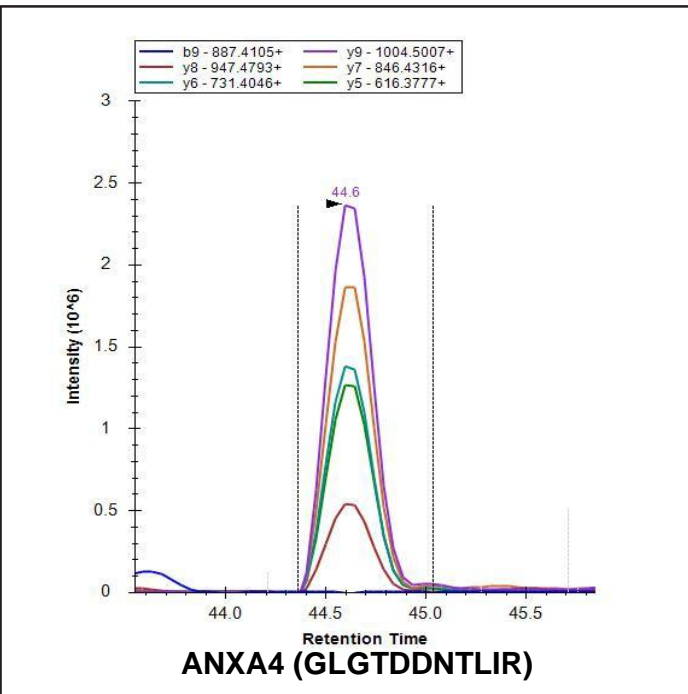
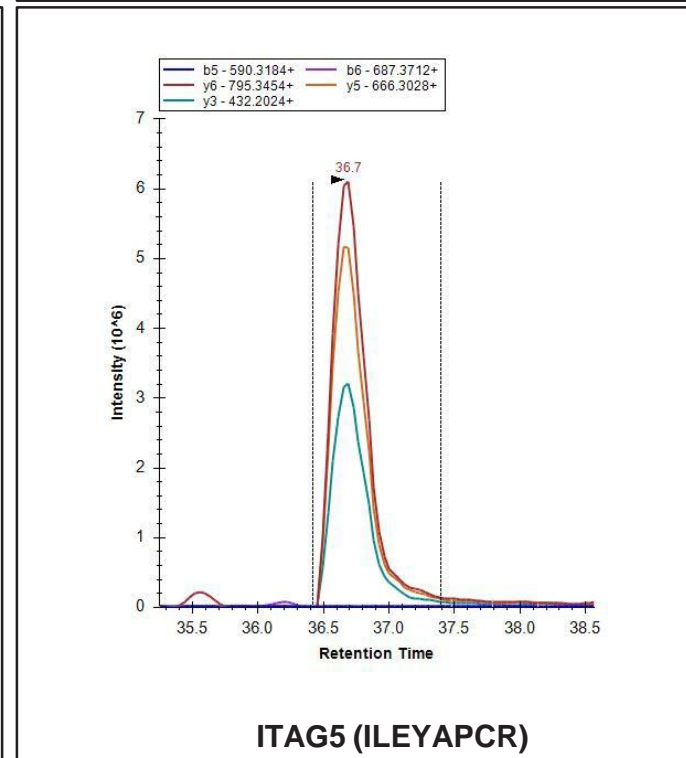
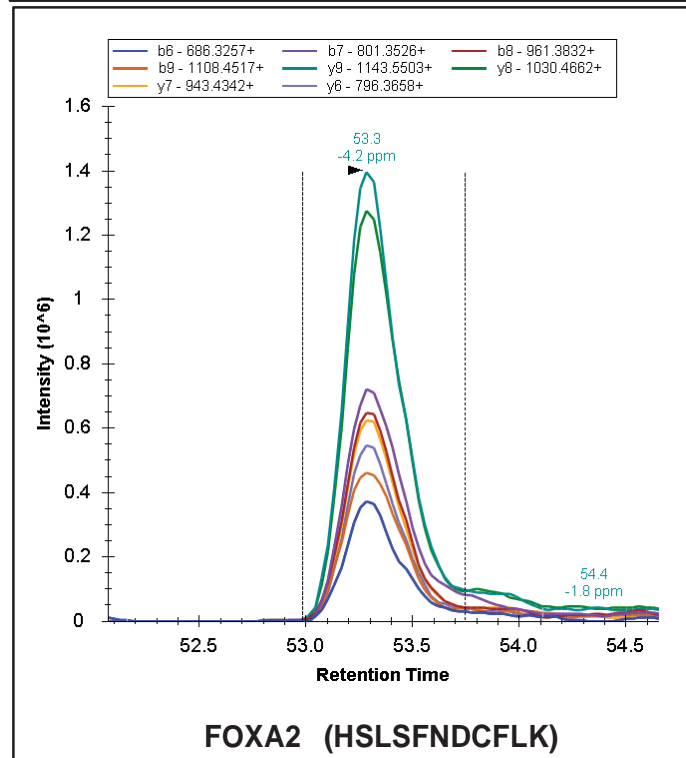
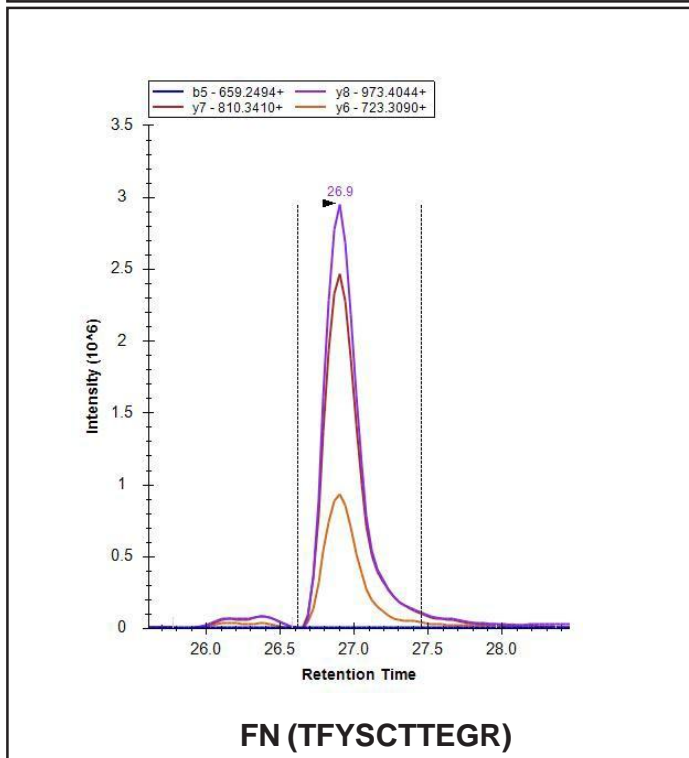
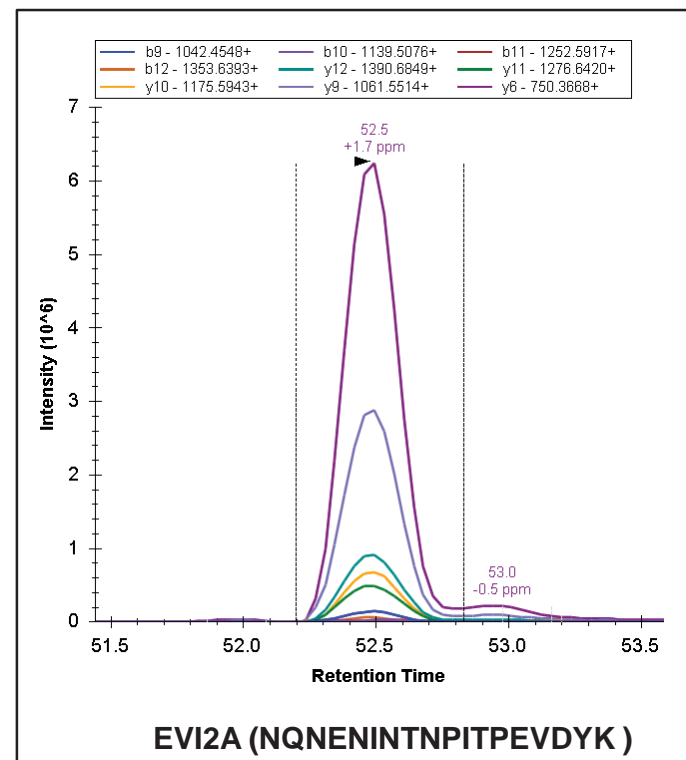
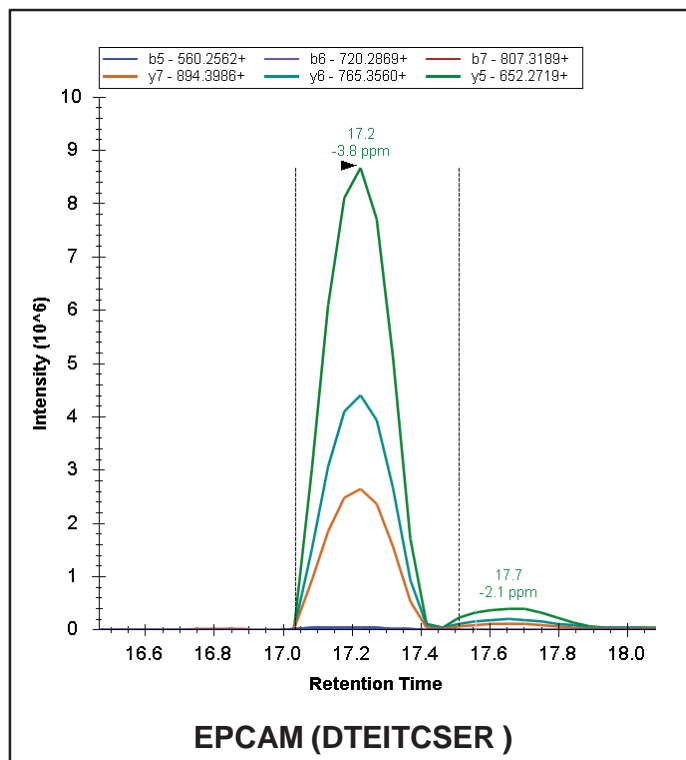
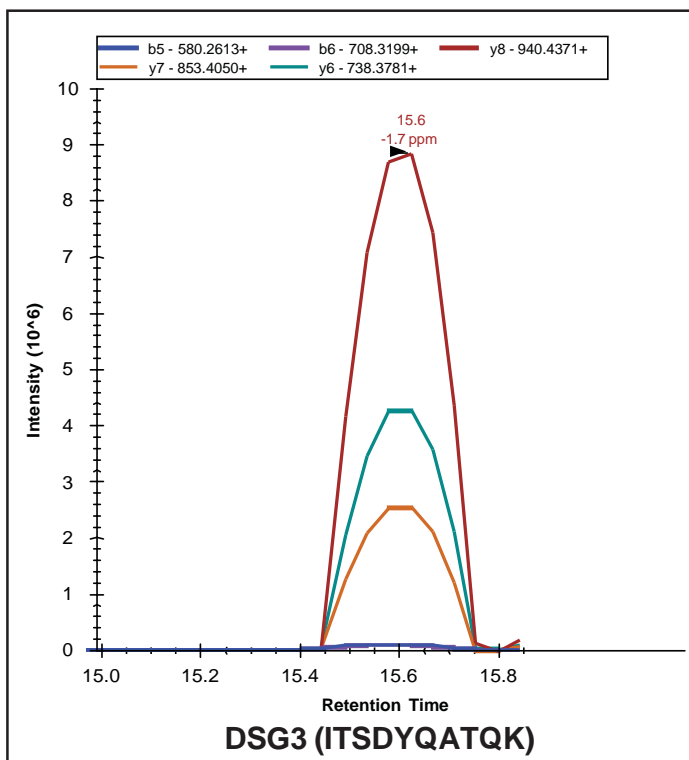
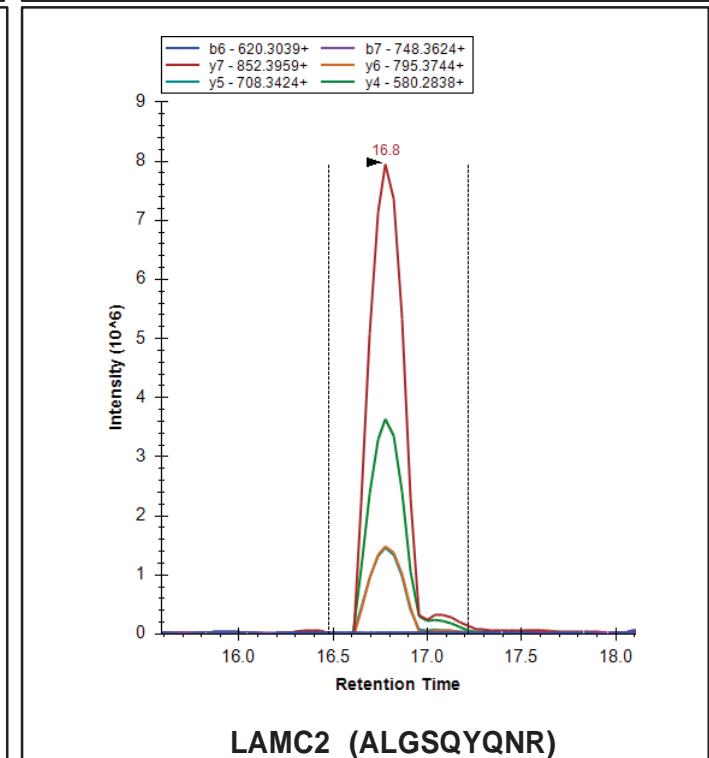
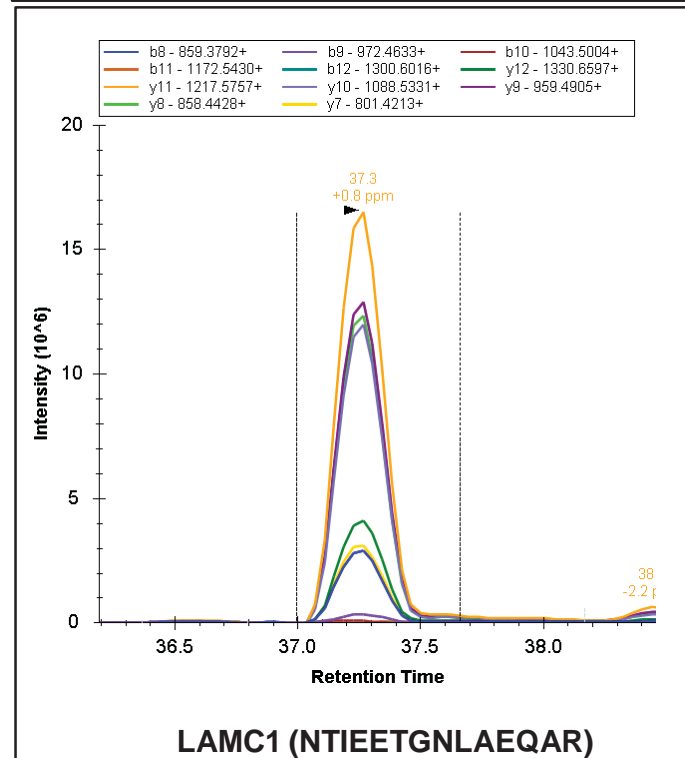
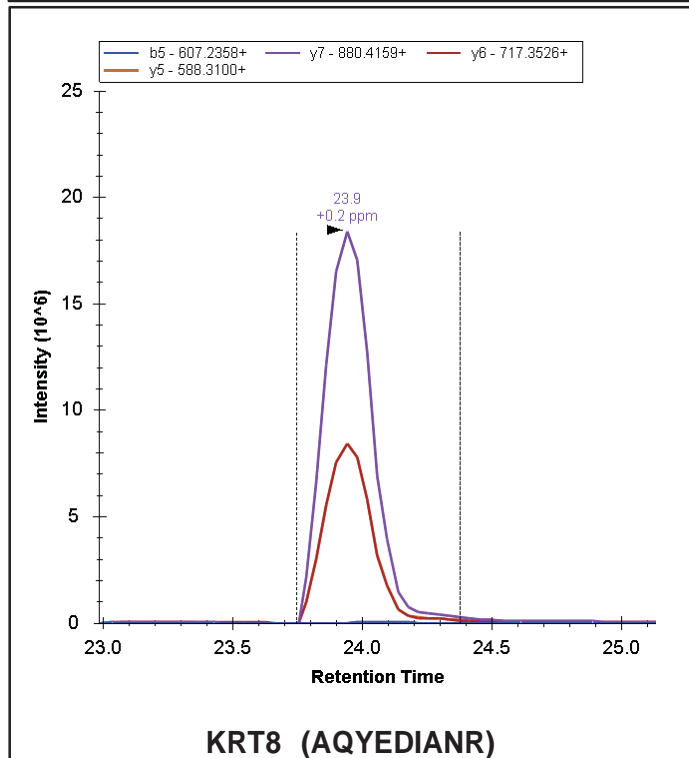
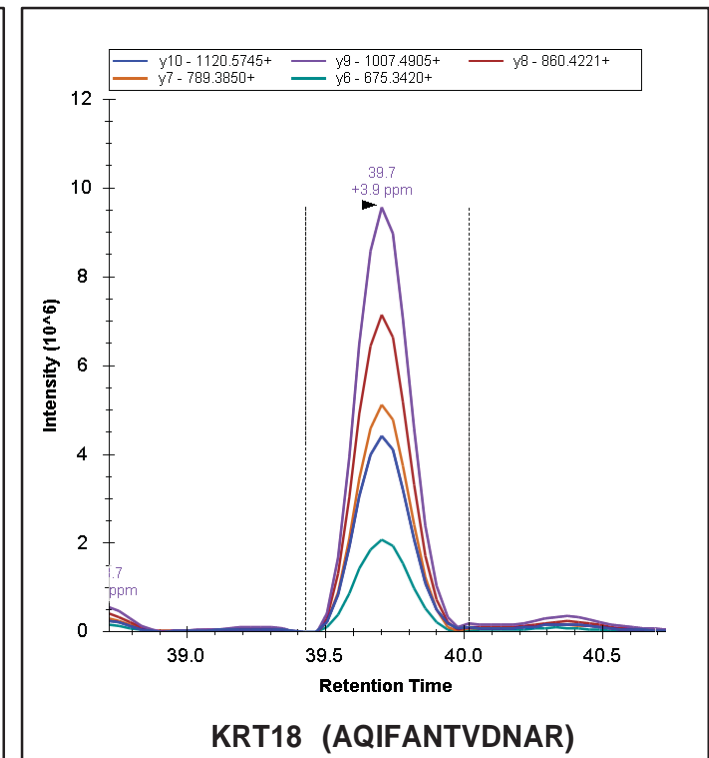
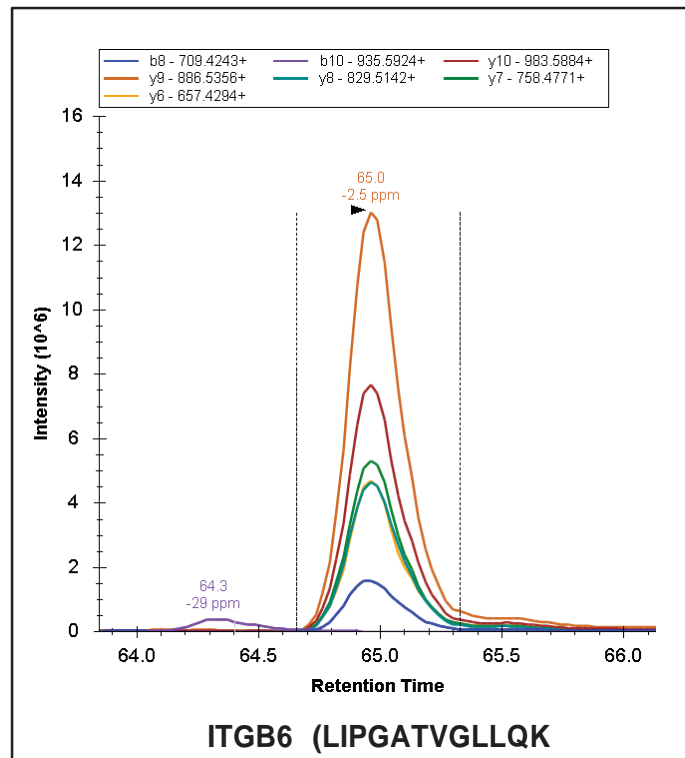
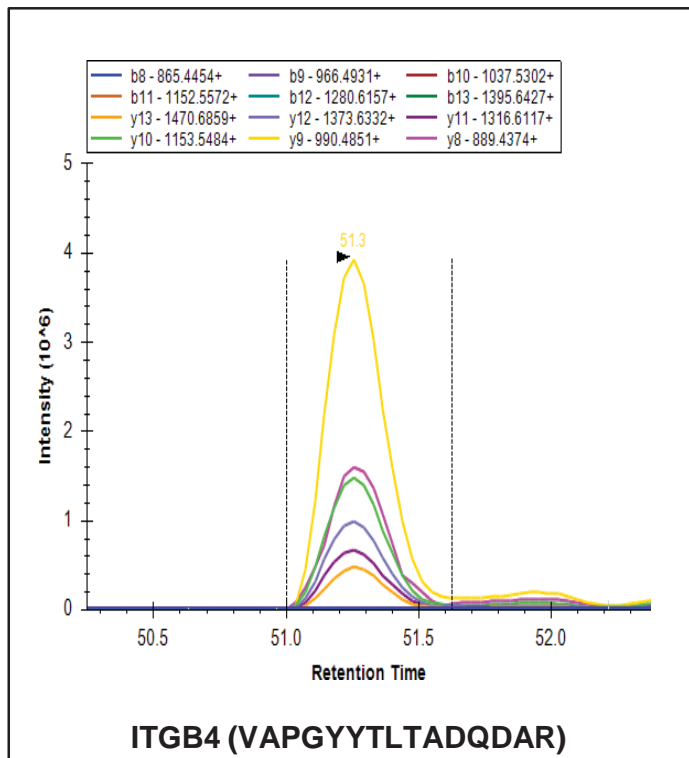


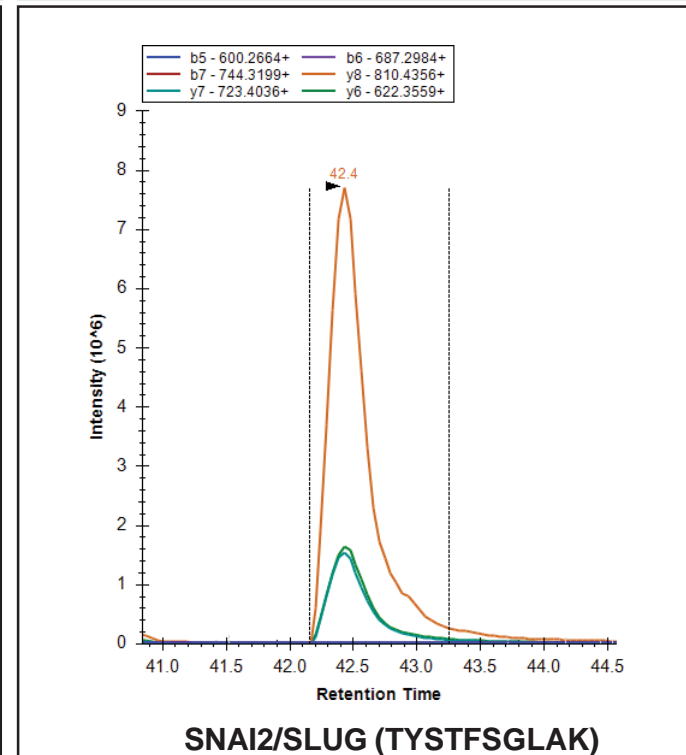
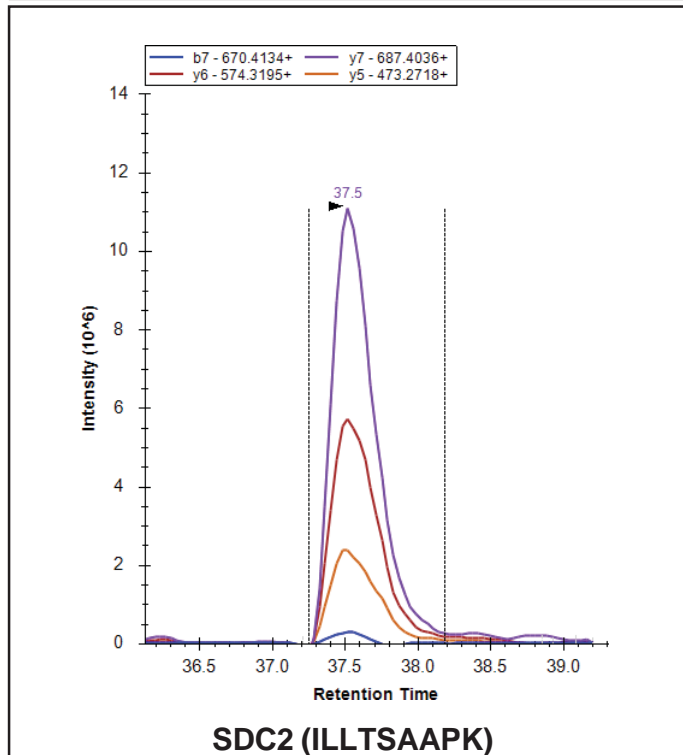
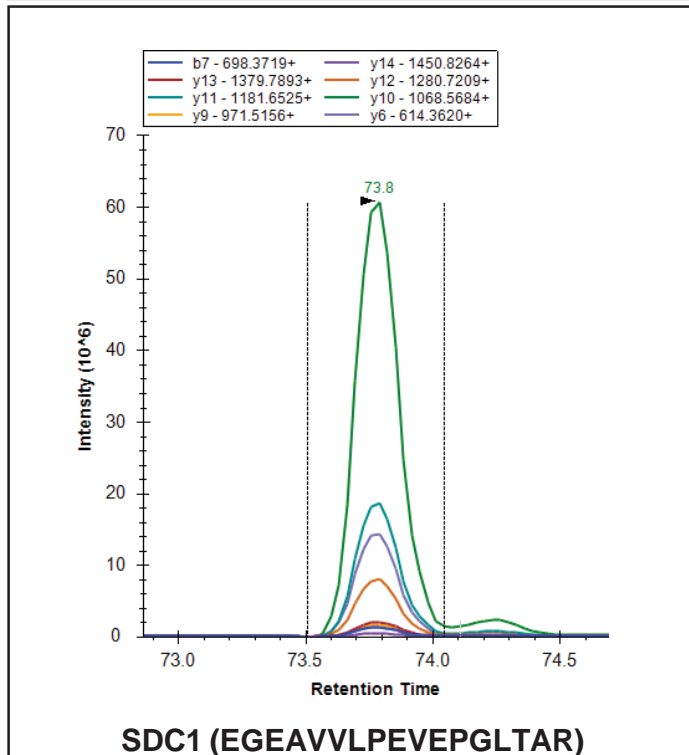
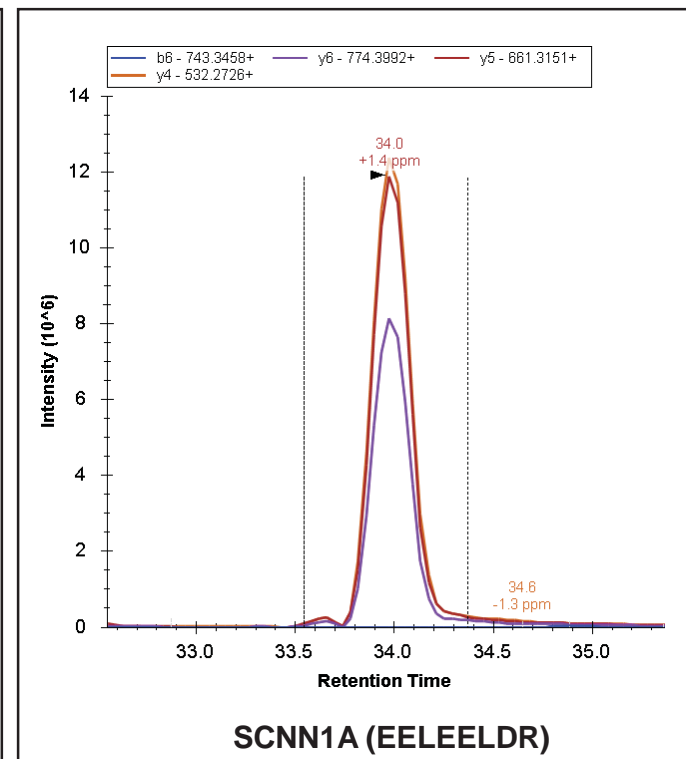
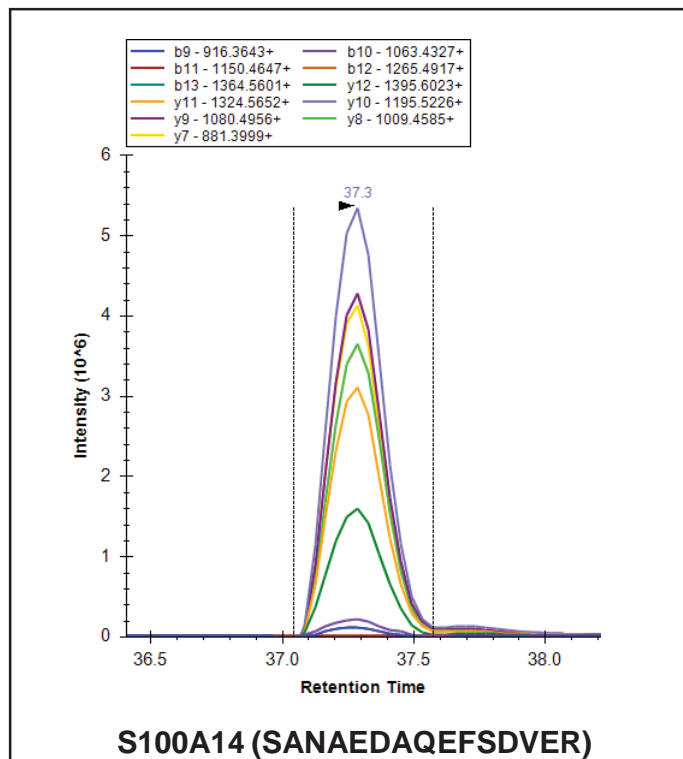
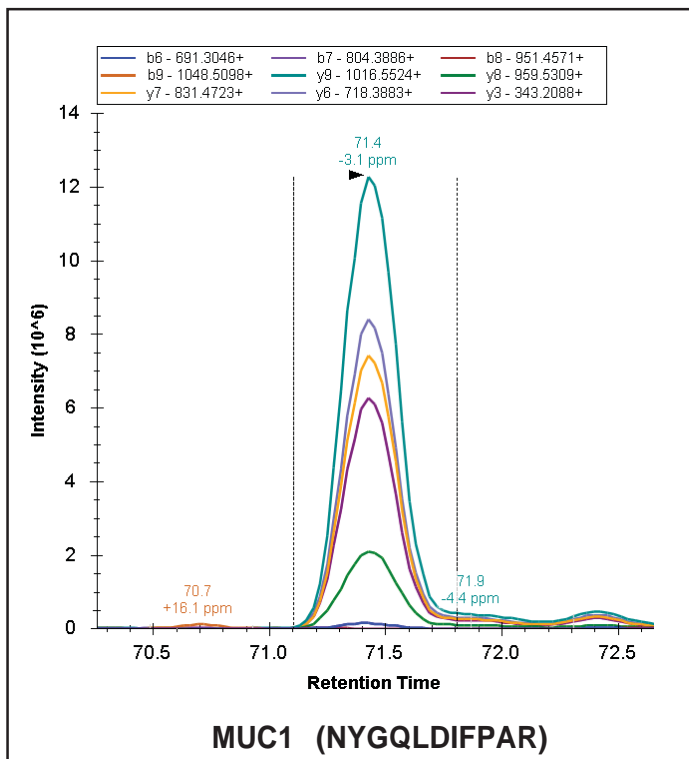


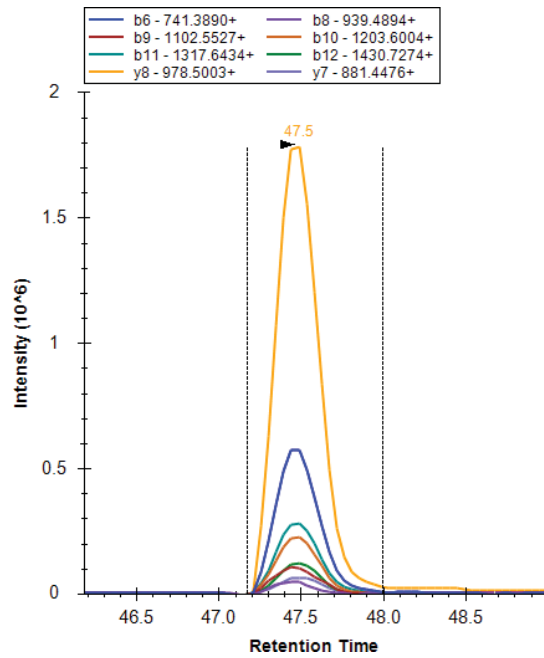
Supplementary Fig. 2 PRM transitions for 31 peptides precursors selected for analysis of 31 proteins mentioned in the figures across the cell lines



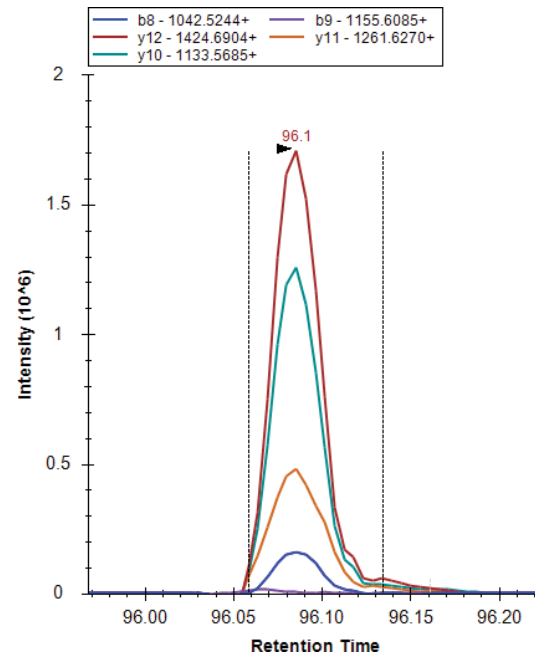




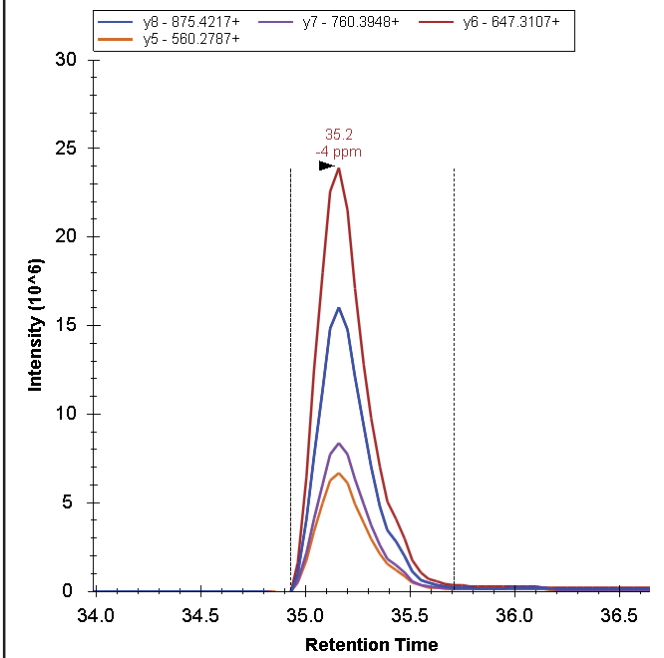




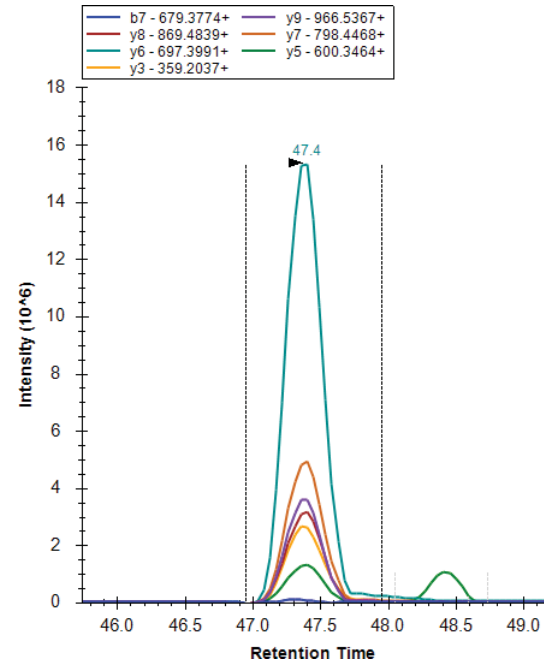
**TUBA (NLDIERPTYTNLNR)**



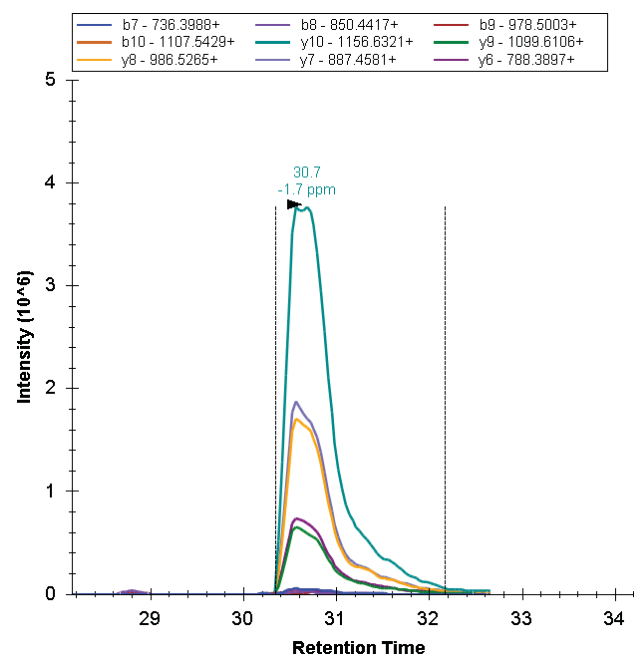
**TWIST1 (YIDFLYQVLQSDLEDSK)**



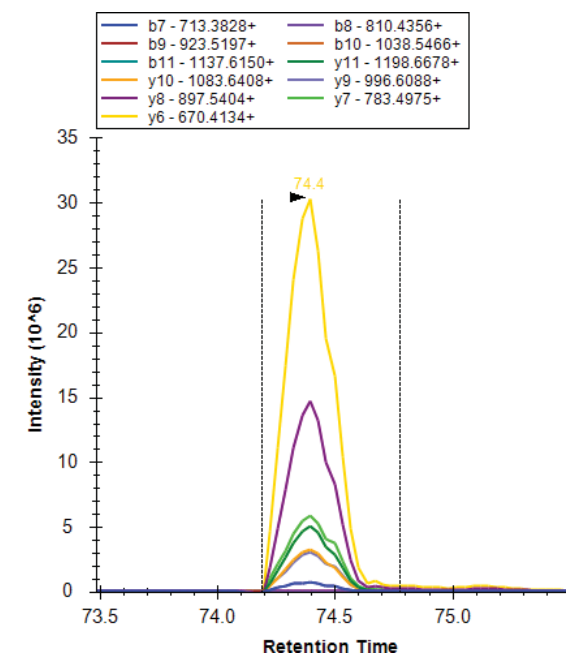
**VIM (FADLSEAANR)**



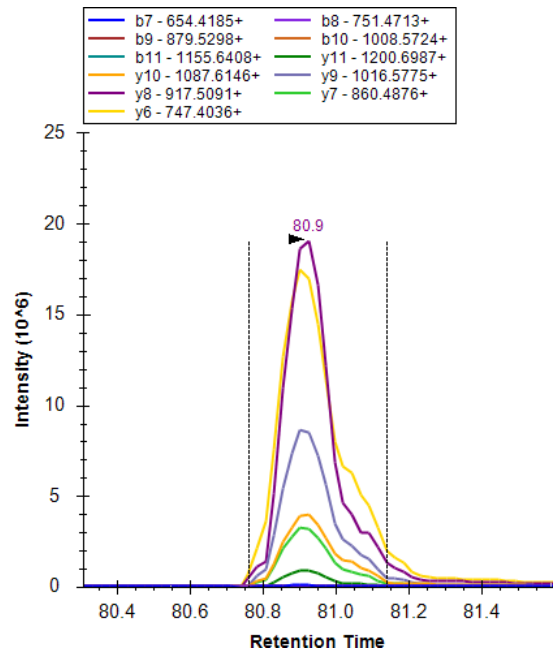
**WIPF1 (ALPATPQLPSR)**



**XBP1 (THGLVVENQELR)**

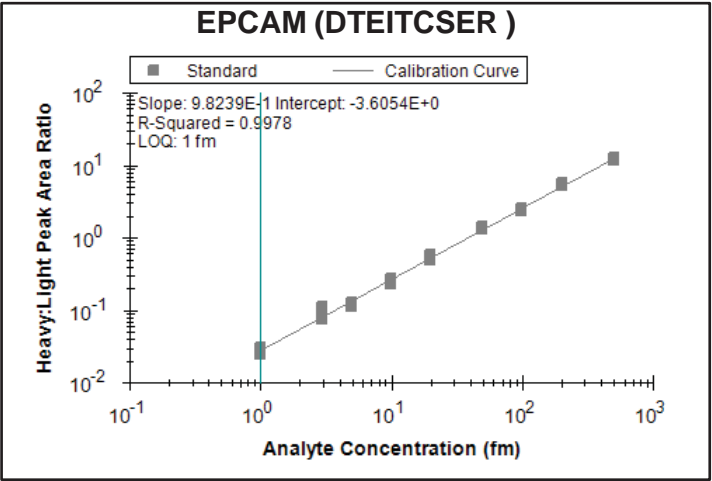
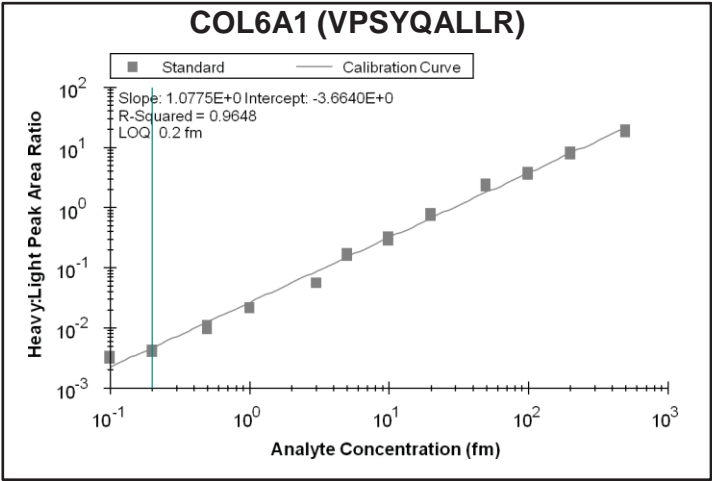
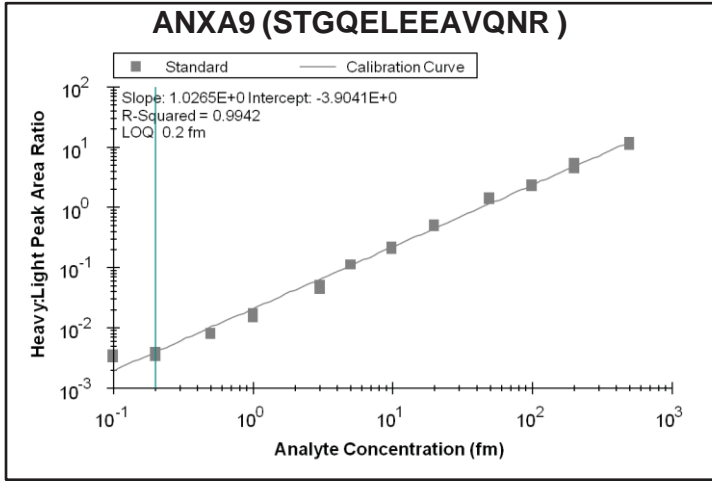
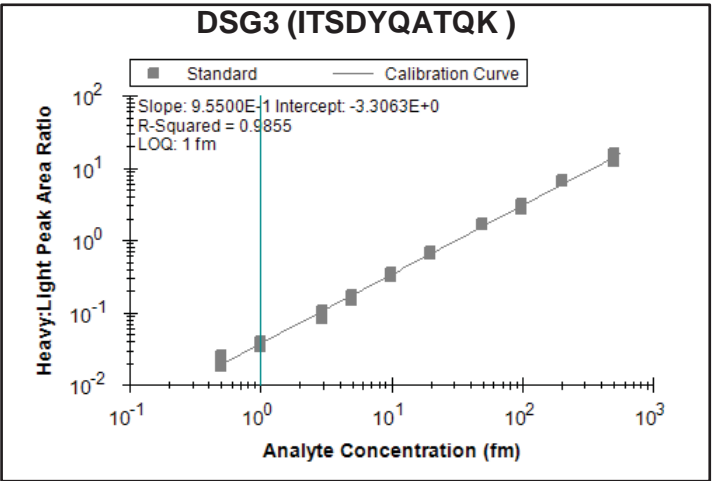
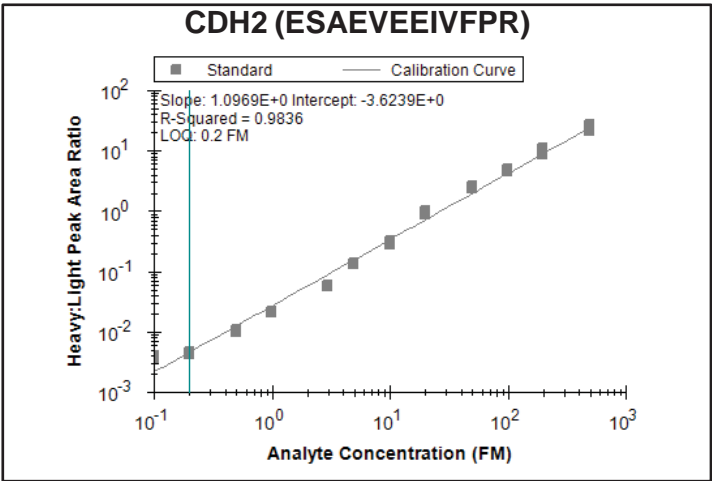
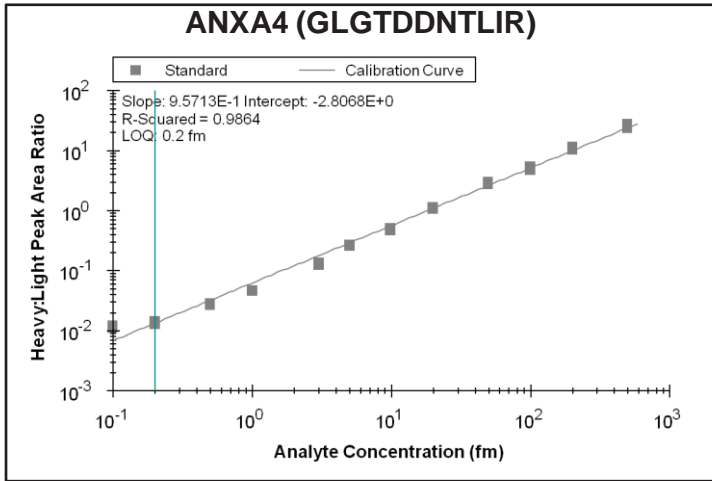


**ZEB1 (IADSVNLPLDVVK)**



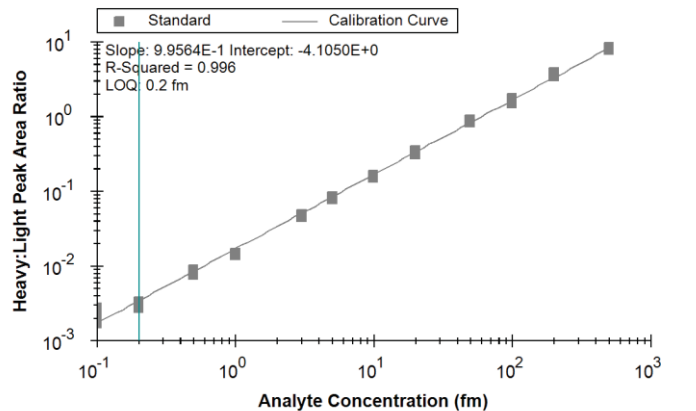
**ZEB2 (ISIAVGLPQEFVK)**

Supplementary Fig. 3 Calibration curve for 31 peptides precursors selected for monitoring protein expression across cell lines

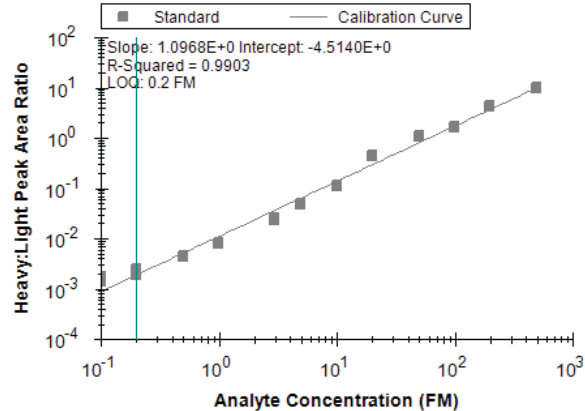




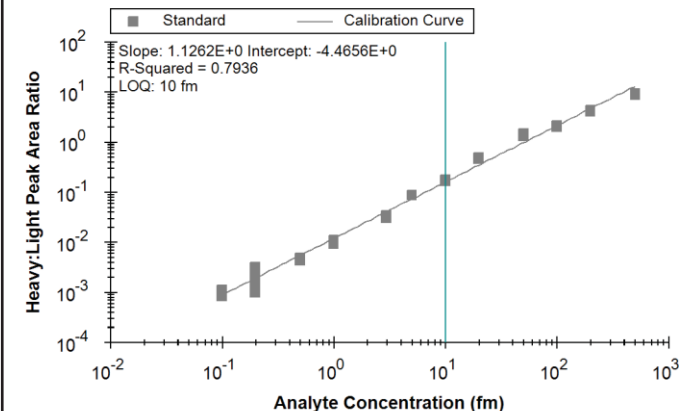
### CDH1 (VNFEDCTGR)

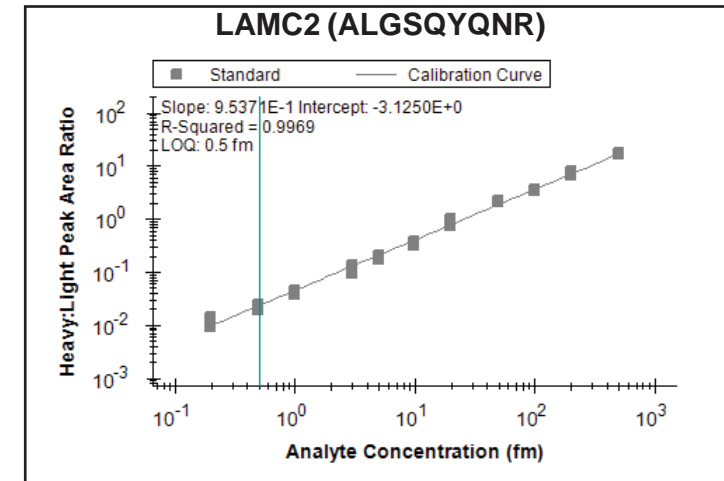
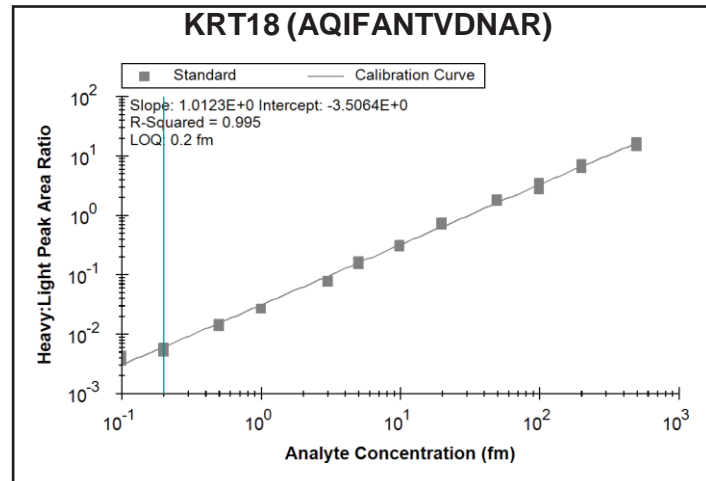
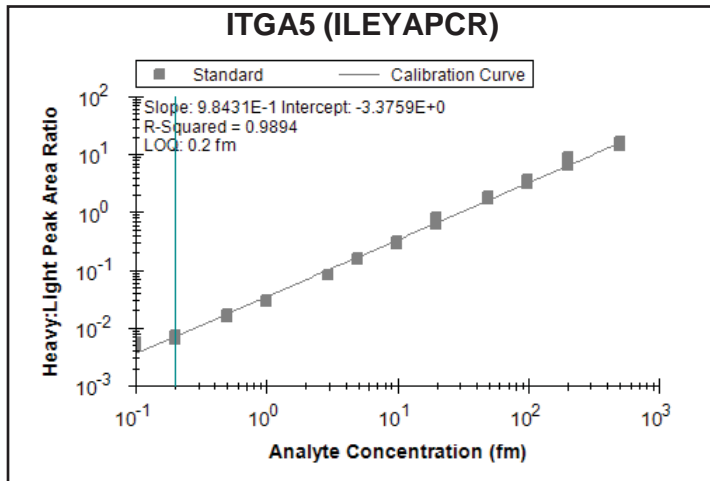
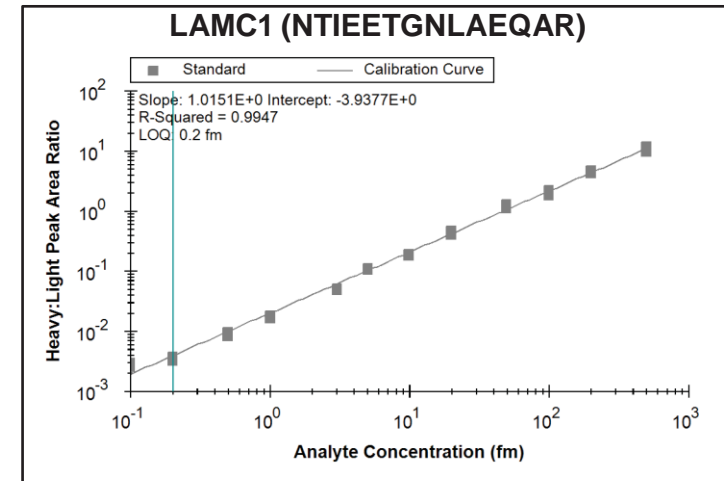
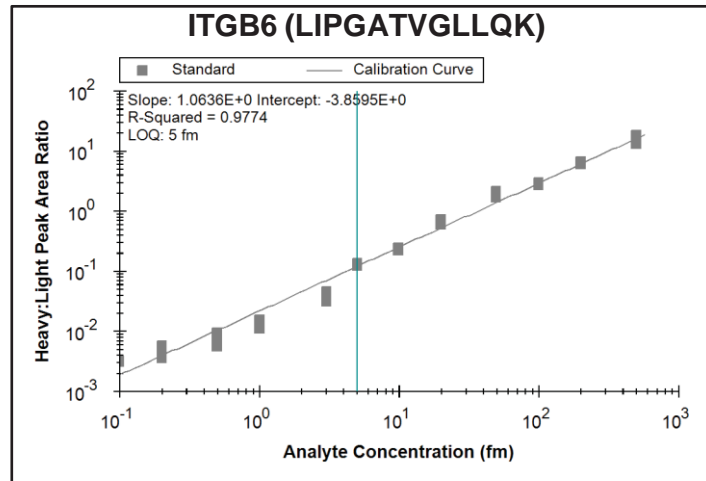
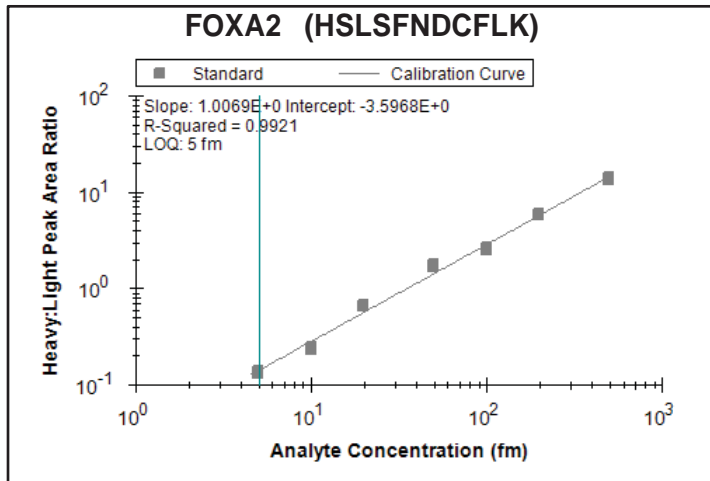
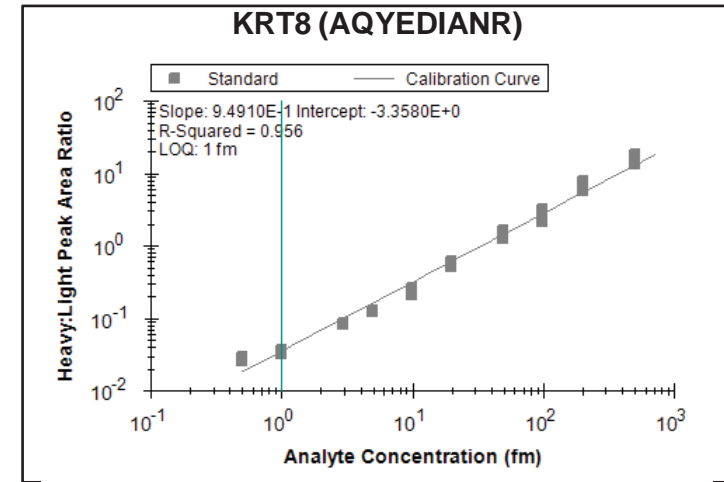
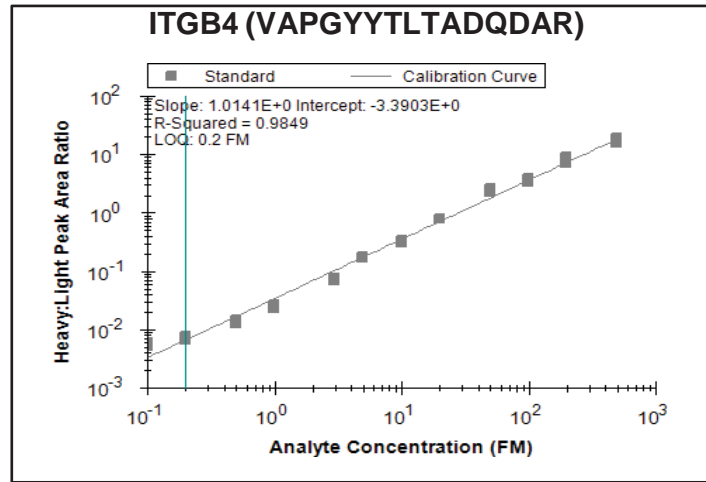
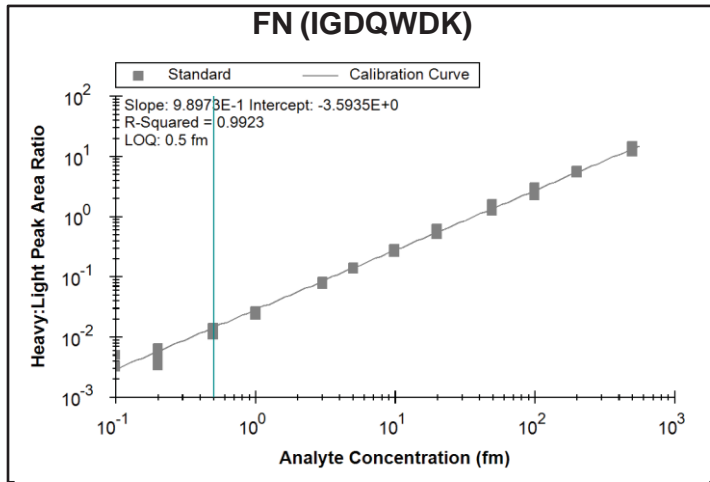


### DSG2 (DTGEIYTTSVTLDR)

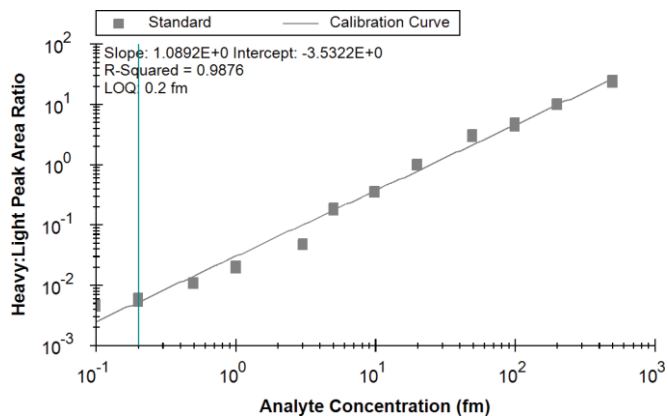


### EVI2A (NQNENINTNPITPEVDYK)

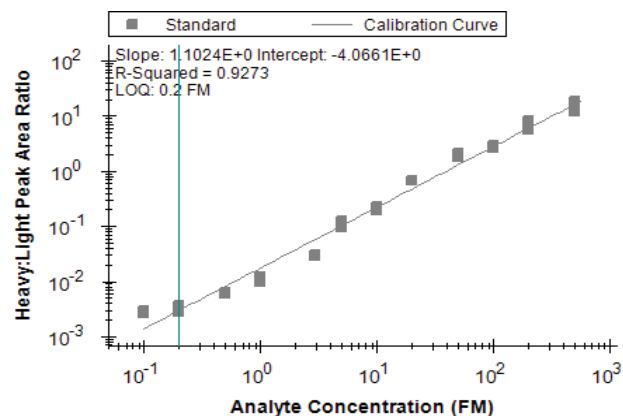




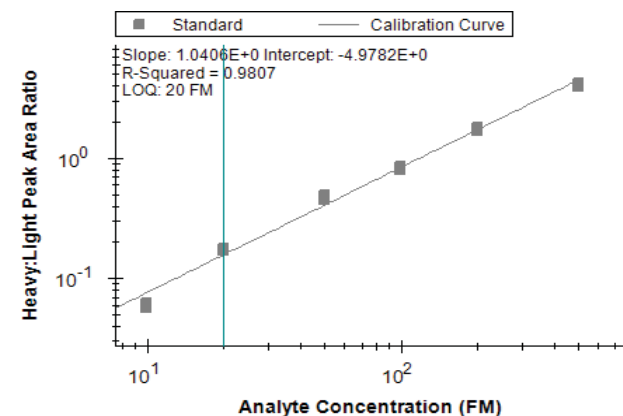
### MUC1 (NYGQLDIFPAR)



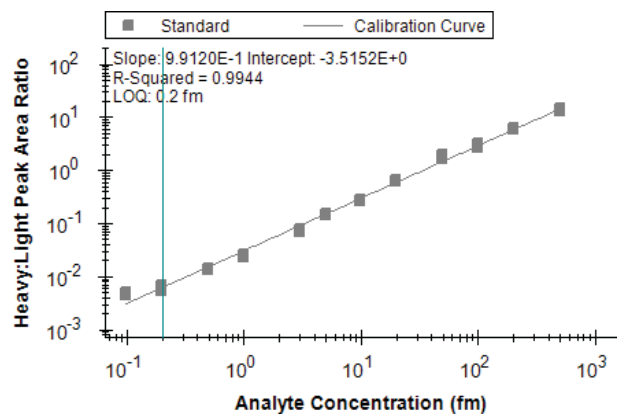
### SDC1 (EGEAVVLPEVEPGLTAR)



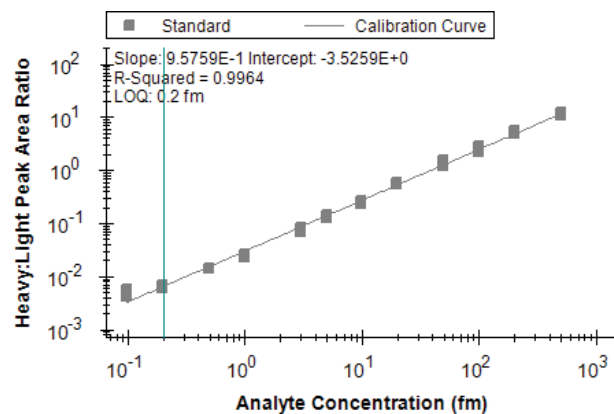
### TUBA (NLDIERPTYTNLNR)



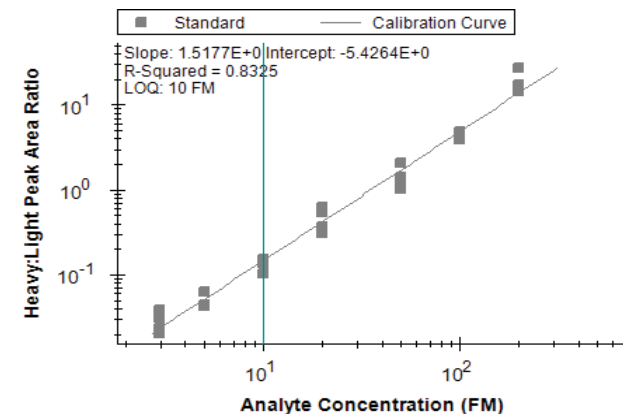
### S100A14 (SANAEDAQEFSDVER)



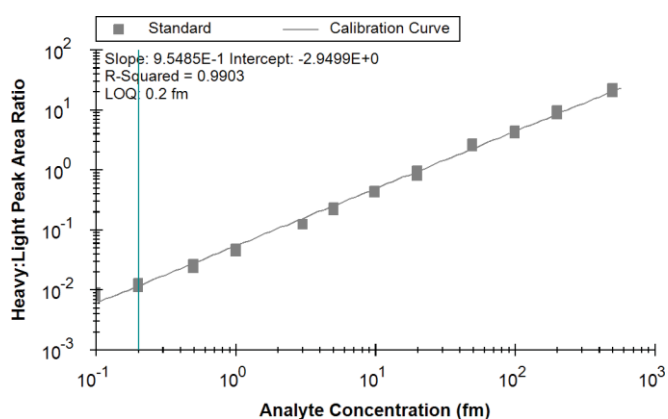
### SDC2 (ILLTSAAPK)



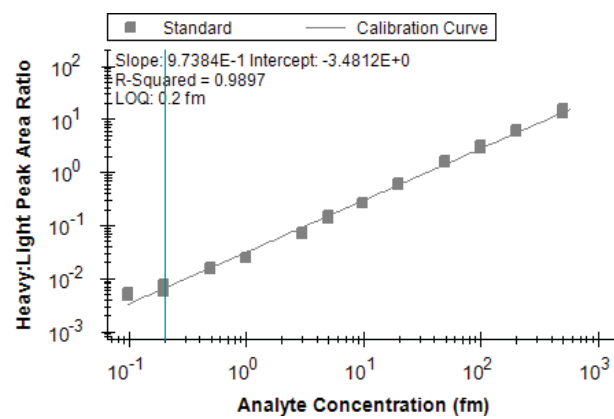
### TWIST1 (YIDFLYQVLQSELDK)



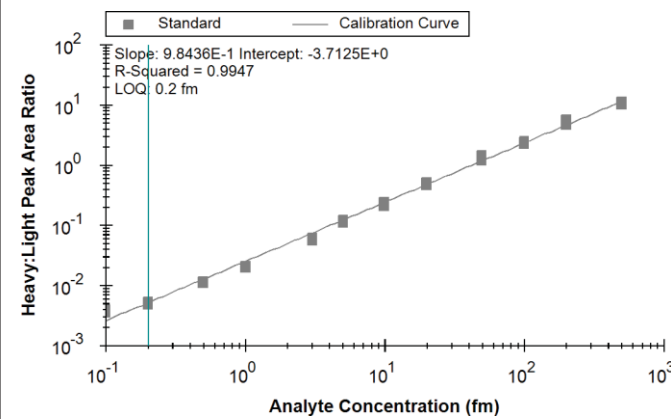
### SCNN1A (EELEELDR)

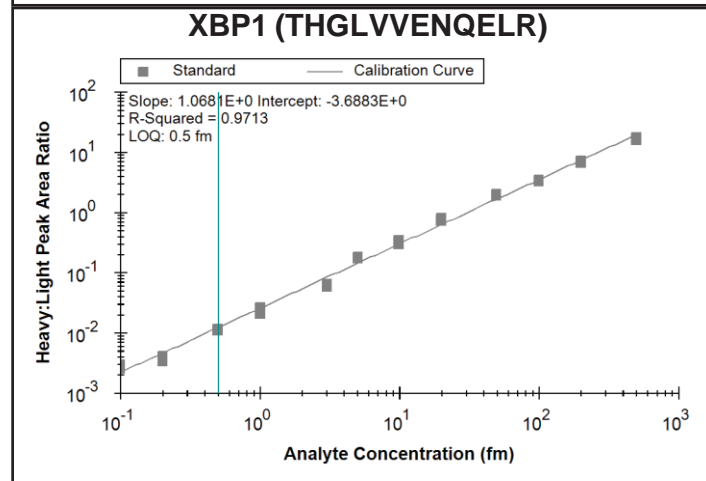
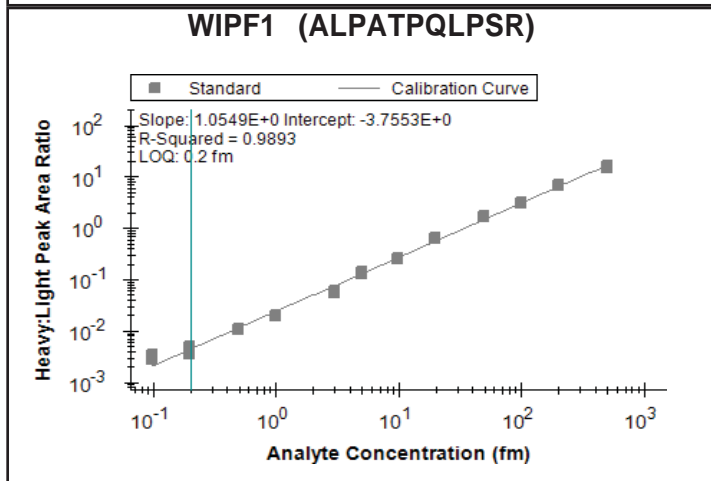
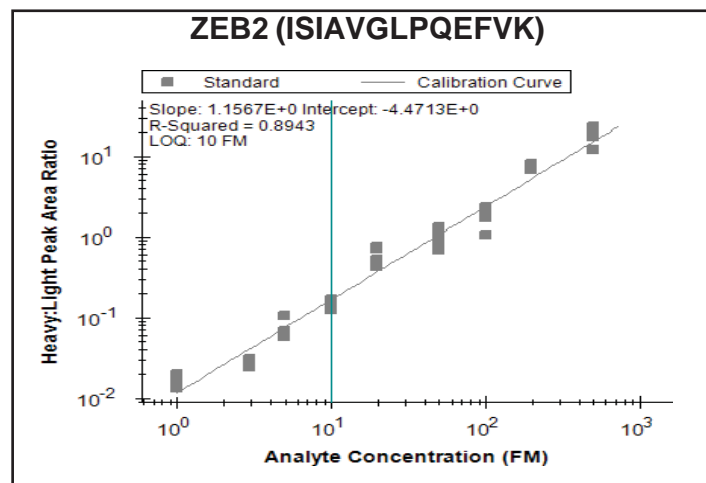
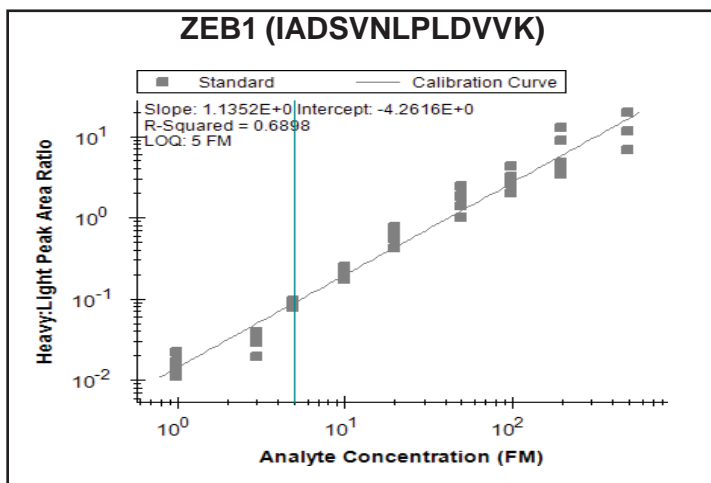


### SNAI2/SLUG (TYSTFGLAK)

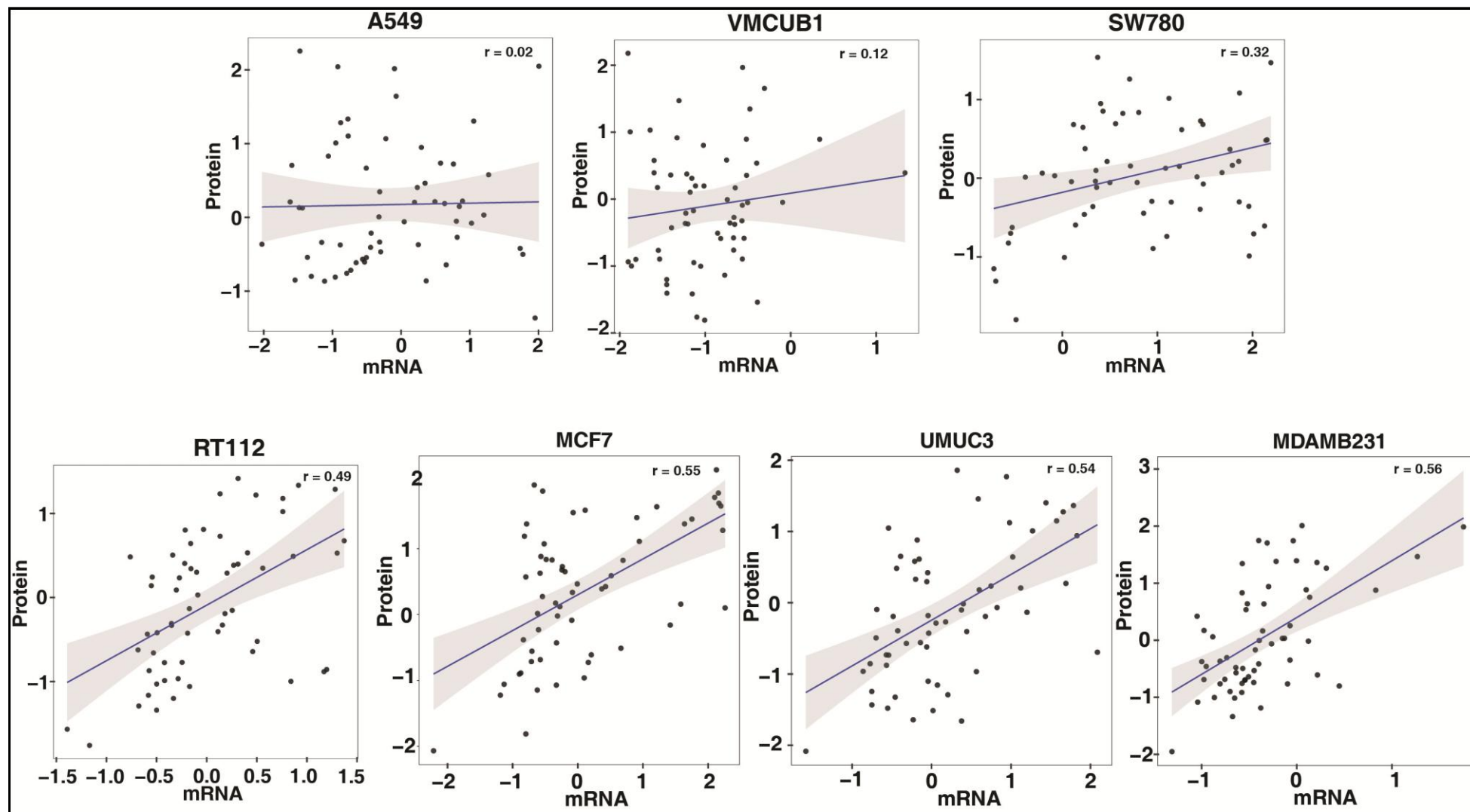


### VIM (FADLSEAANR)





**Supplementary Fig. 4** Co-relation plots for mRNA-based gene expression and protein expression for values for depicted cell lines based on transcriptomics and reversed phase protein array (RPPA) proteomics data from CCLE database



### Supplementary Method 1: The overview of all the cell lines used in the study along with the tissue of origin and culture method

Cell line	Tissue of origin	Culture Conditions
VMUC1	BLADDER	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
RT112	BLADDER	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
SW780	BLADDER	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
J82	BLADDER	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
UMUC3	BLADDER	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
HeLa	CERVIX	Dulbecco's Modified Eagle Medium (DMEM) low glucose with fetal bovine serum (FBS) to a final concentration of 5% (adapted inhouse culture method)
SiHa	CERVIX	Eagle's Minimum Essential Medium with fetal bovine serum (FBS) to a final concentration of 10% (ATCC culture method)
CaL27	ORAL	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
FaDu	ORAL	Eagle's Minimum Essential Medium with fetal bovine serum (FBS) to a final concentration of 10% (ATCC culture method)
TE1	ESOPHAGEAL	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
H358	LUNG	RPMI-1640 Medium with 10% fetal bovine serum (FBS) to a final concentration of 10% (ATCC culture method)
A549	LUNG	Dulbecco's Modified Eagle Medium F-12 (DMEM F-12) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
MCF7	BREAST	Dulbecco's Modified Eagle Medium (DMEM) low glucose with fetal bovine serum (FBS) to a final concentration of 5% (adapted inhouse culture method)
MDAMB231	BREAST	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
AGS	GASTRIC	F-12K Medium with fetal bovine serum (FBS) to a final concentration of 10% (ATCC culture method)
G415	GALL BLADDER	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
OCUG1	GALL BLADDER	Dulbecco's Modified Eagle Medium (DMEM) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)
NOZ	GALL BLADDER	Dulbecco's Modified Eagle Medium (DMEM) high glucose and low glucose (1:1) with fetal bovine serum (FBS) to a final concentration of 10% (adapted inhouse culture method)