

Figure 2d

KRT8

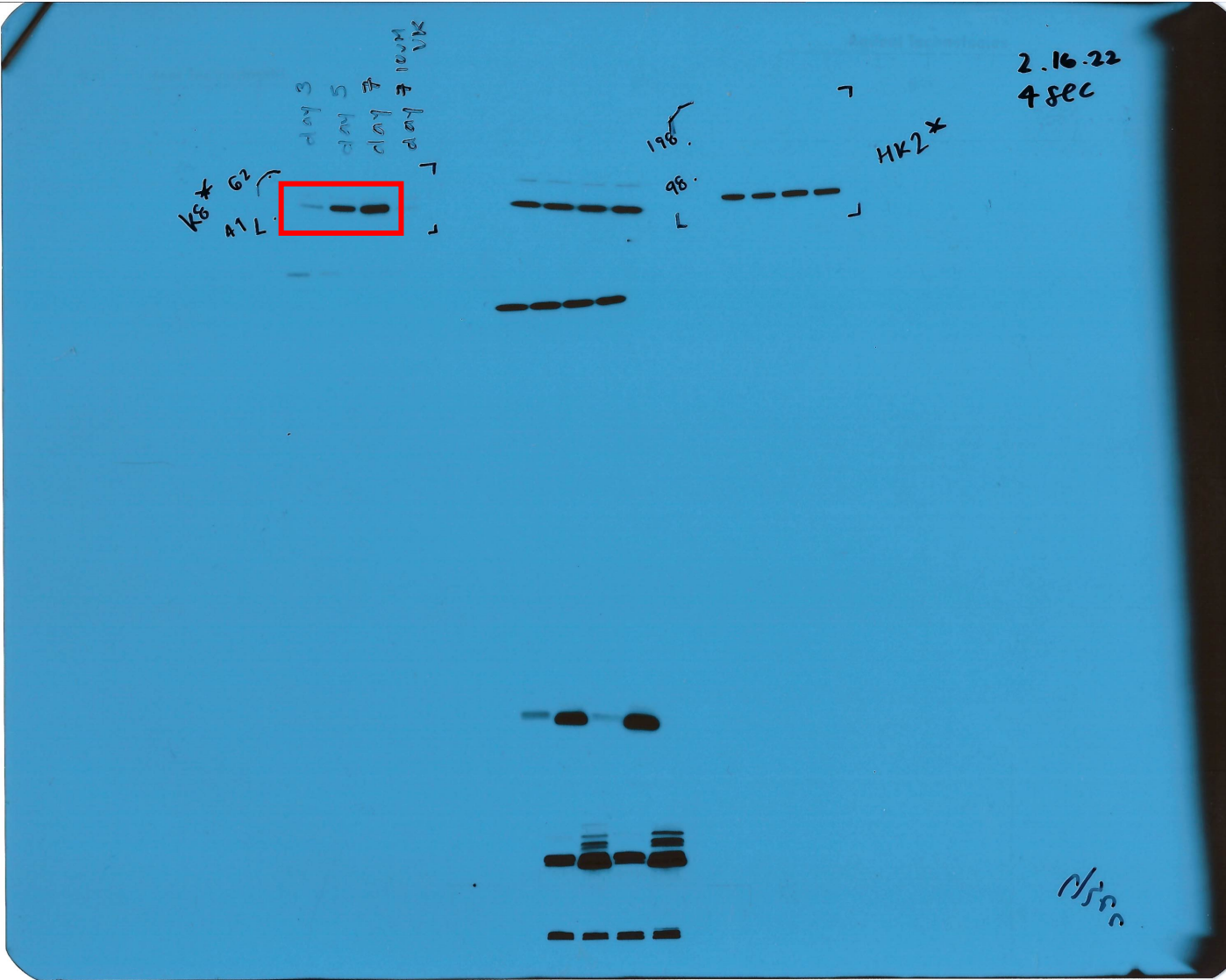


Figure 2d

p63

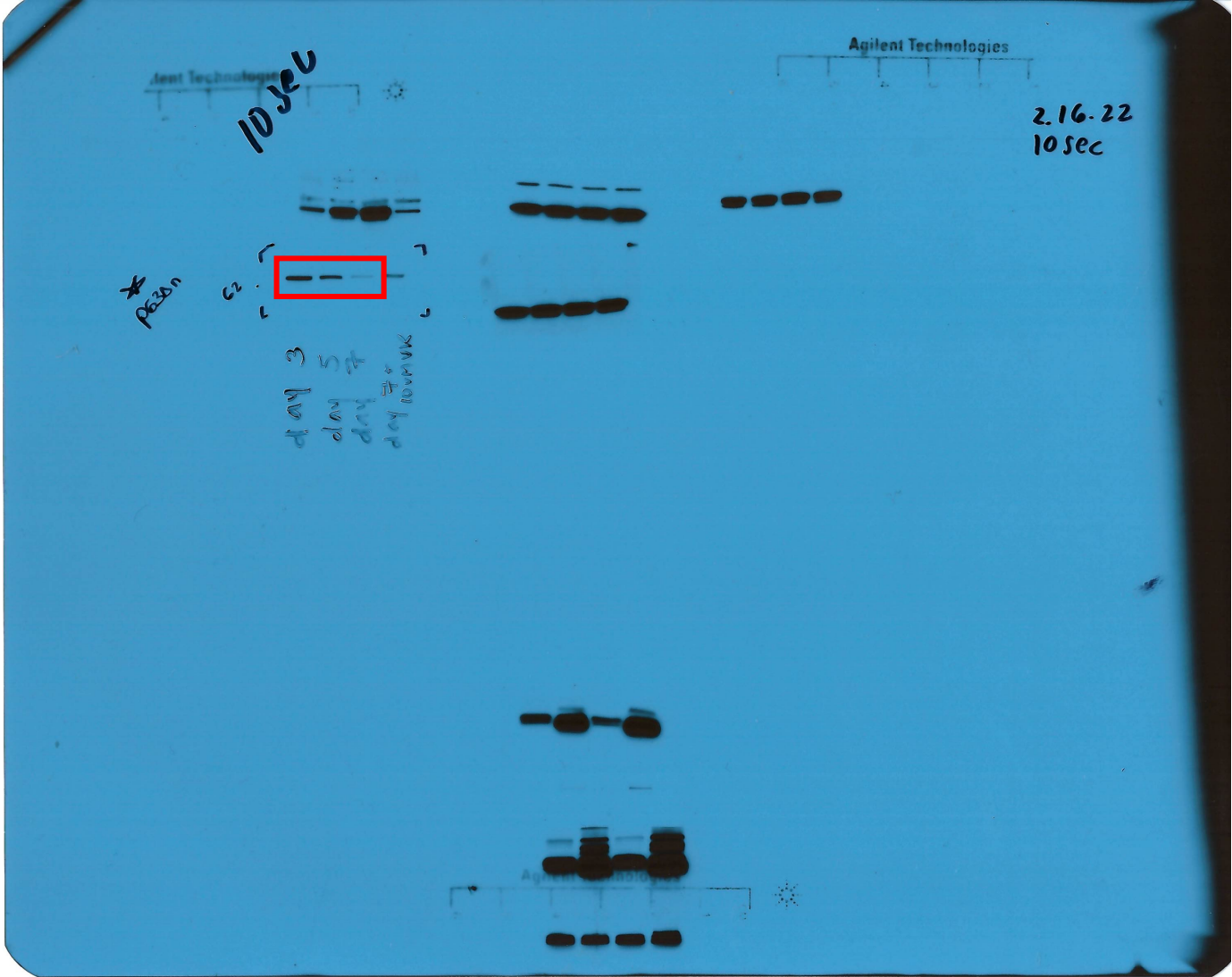


Figure 2d

Actin

Basal-derived organoid day 3
Basal-derived organoid day 5
Basal-derived organoid day 7
Basal-derived organoid day 7 10uM UK5099

49 kDa

38 kDa

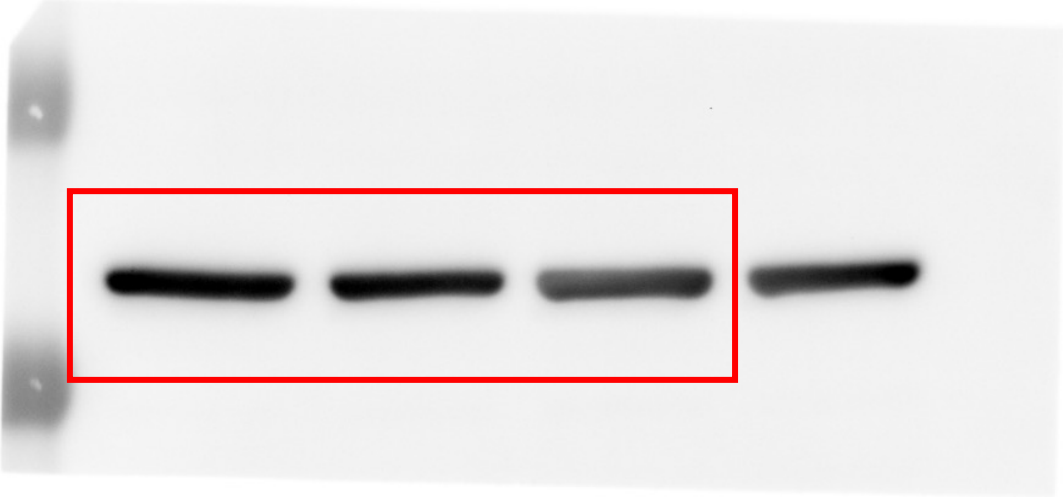


Figure 3d

AR

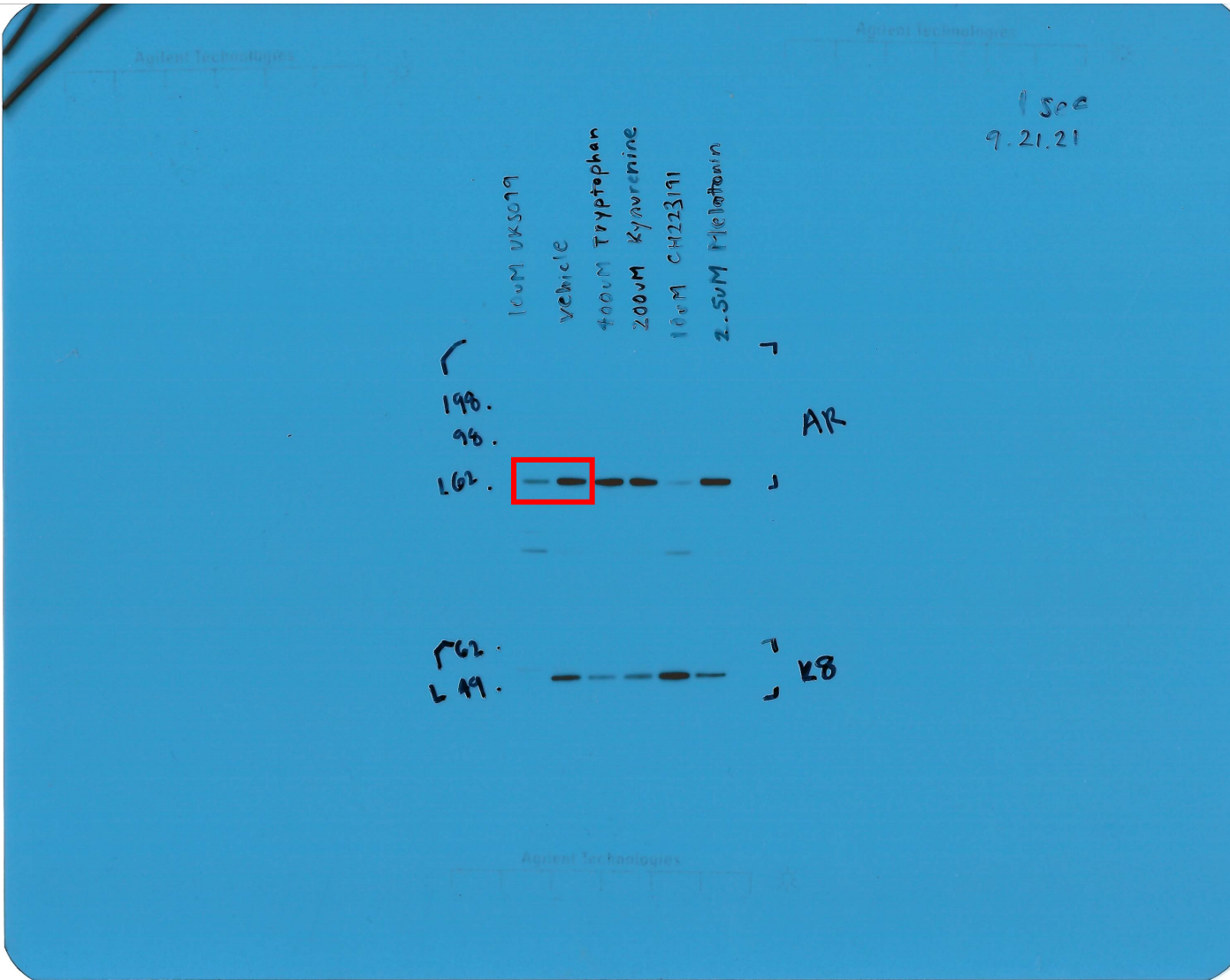


Figure 3d

p63

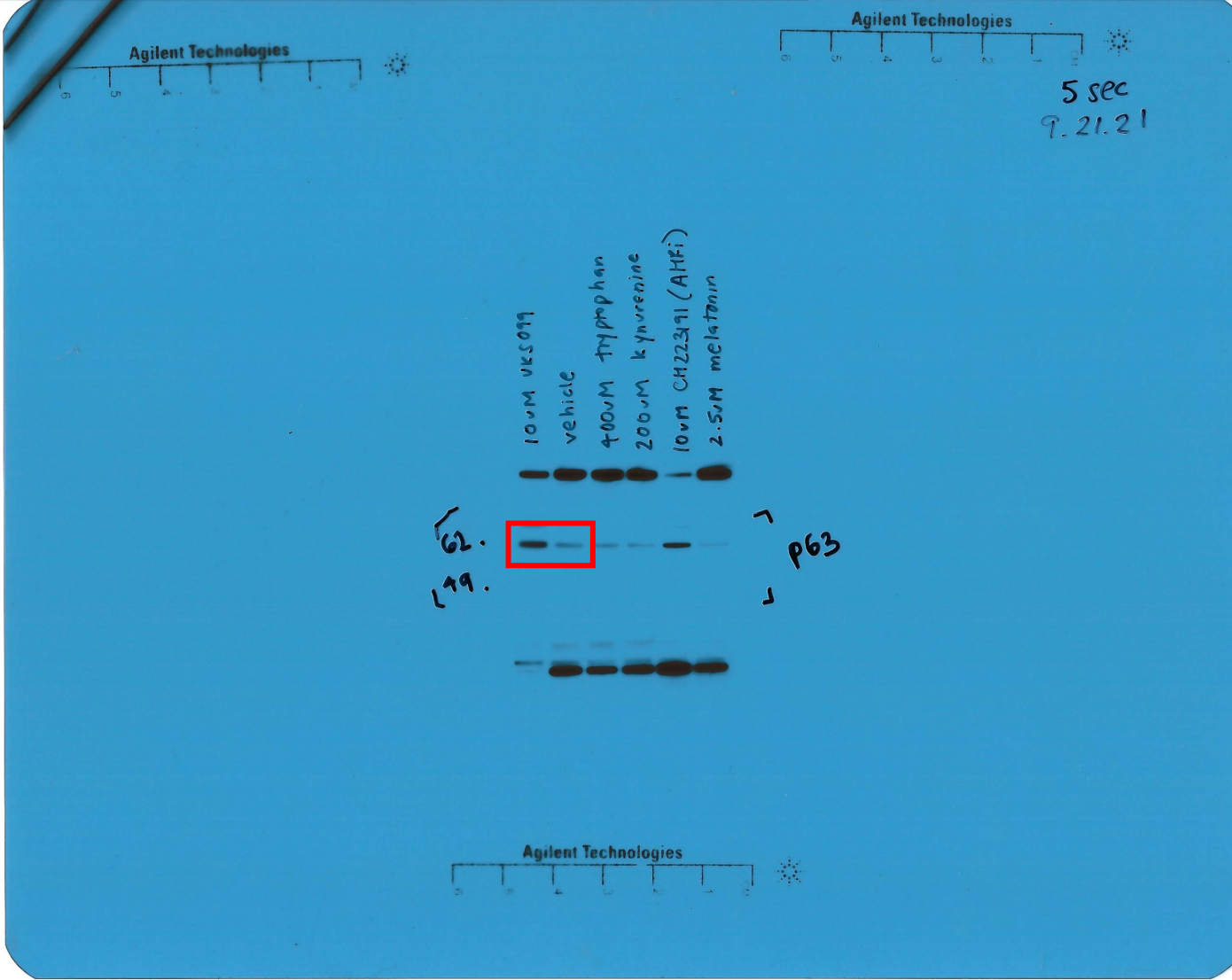


Figure 3d

Vinculin

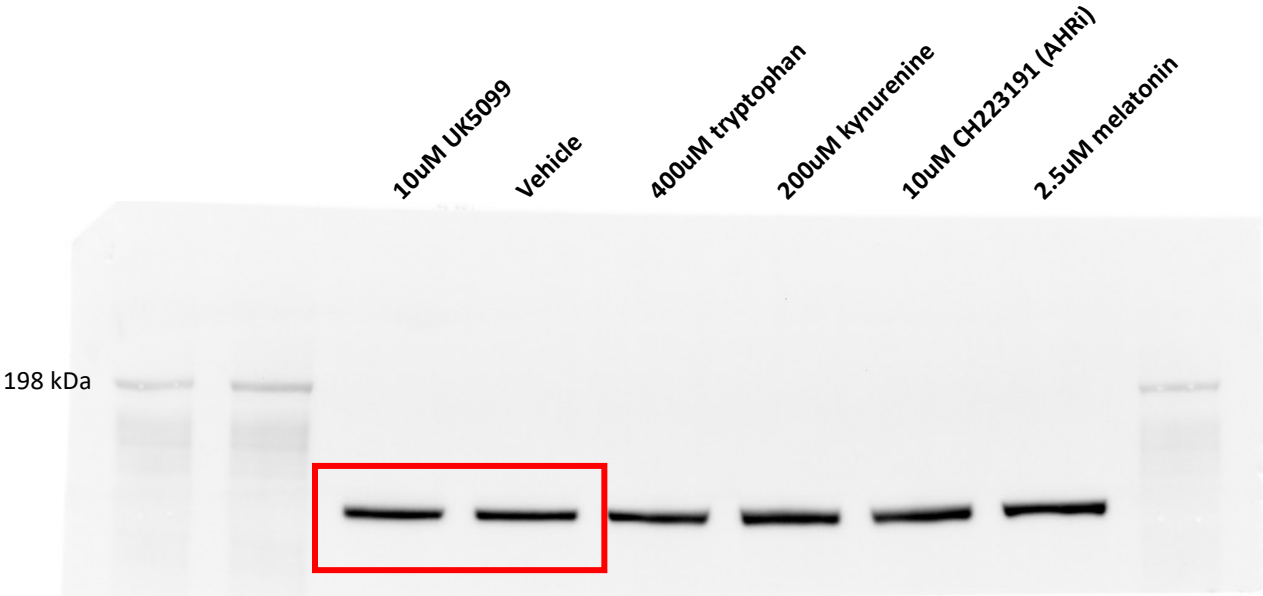


Figure 3i

p63

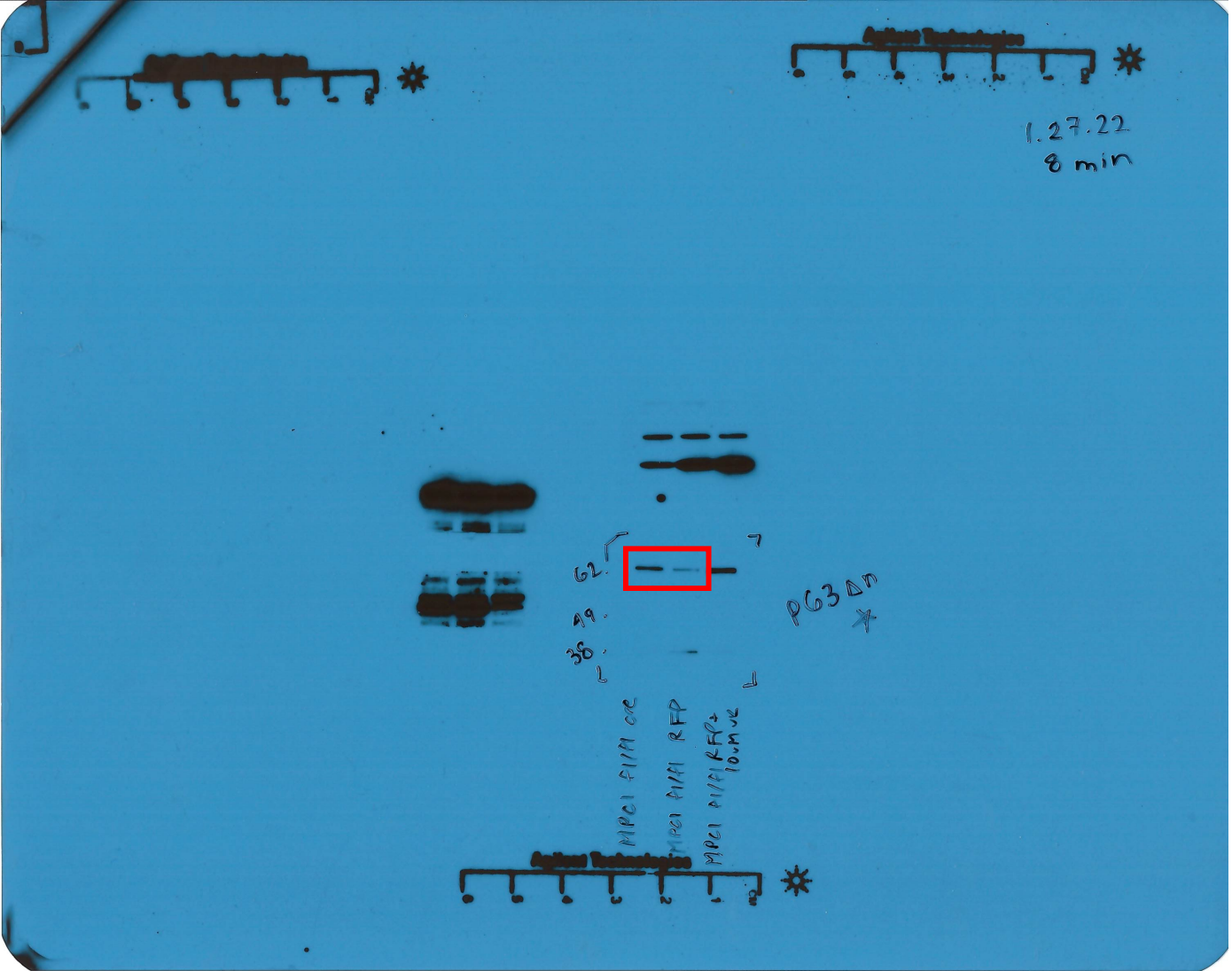


Figure 3i

MPC1

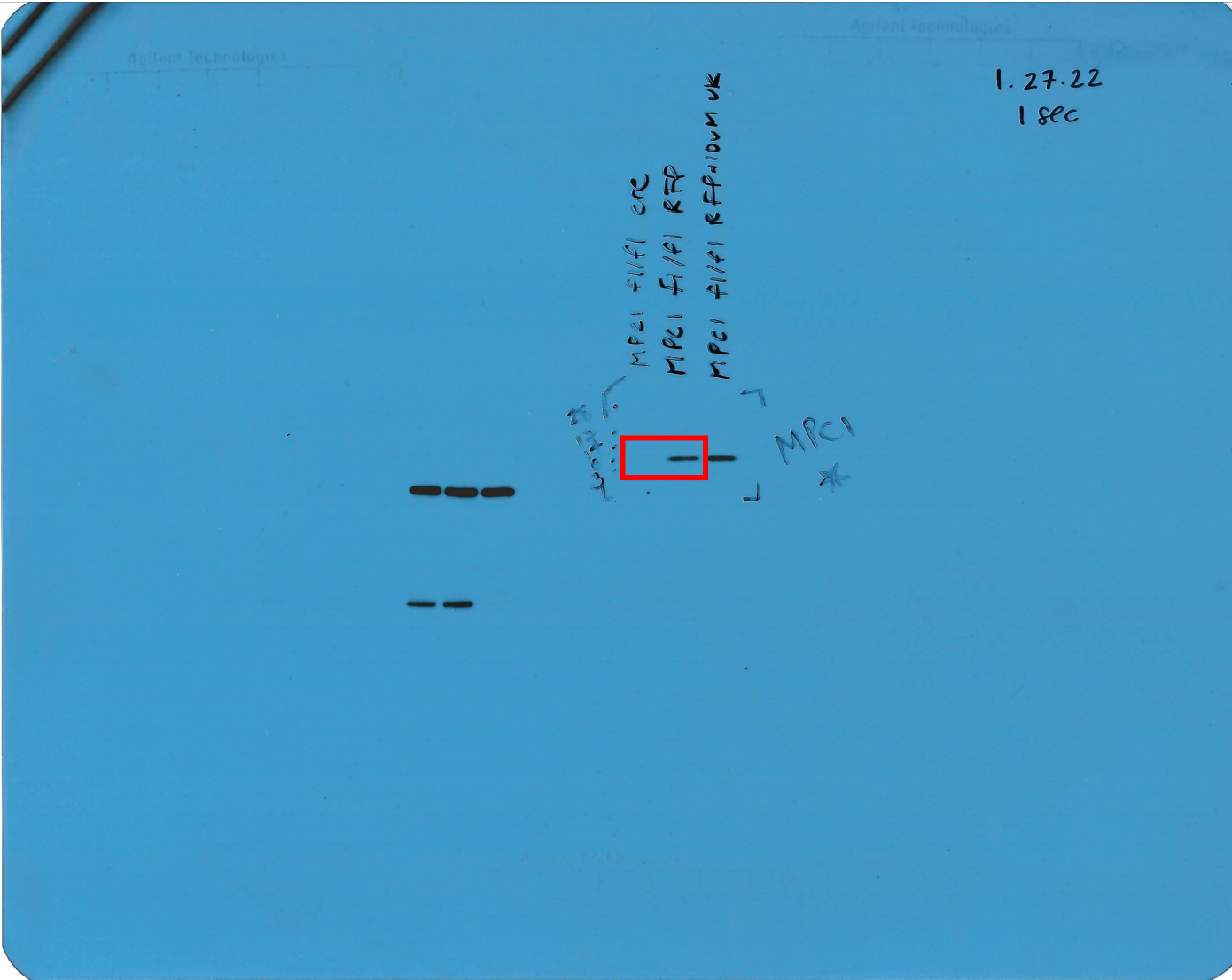


Figure 3i

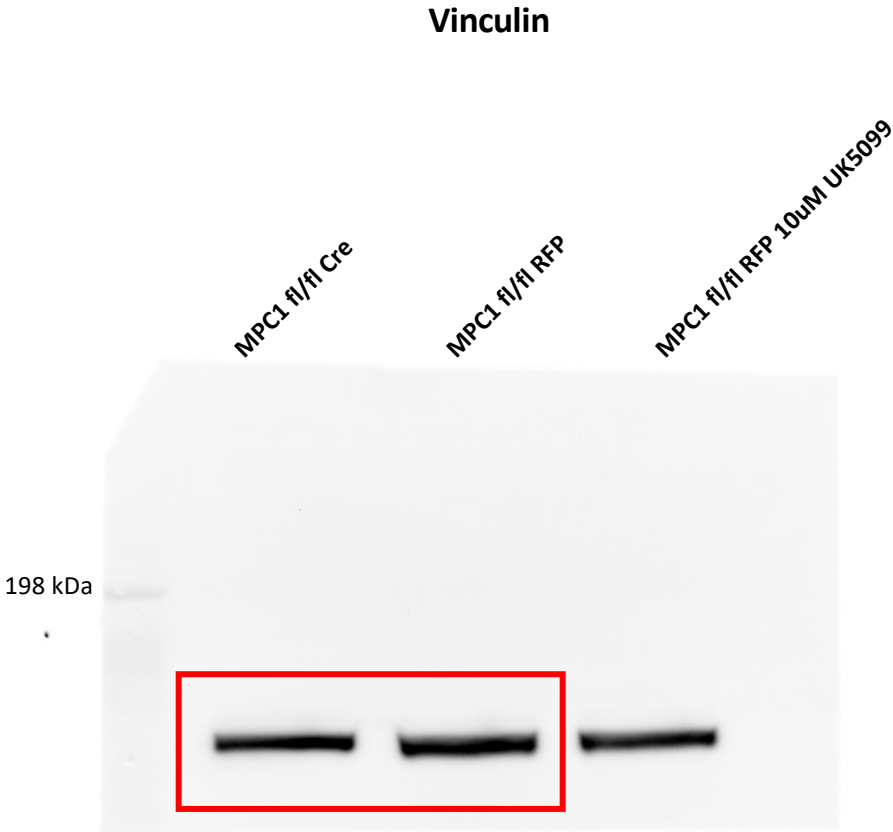


Figure 4a

KRT8

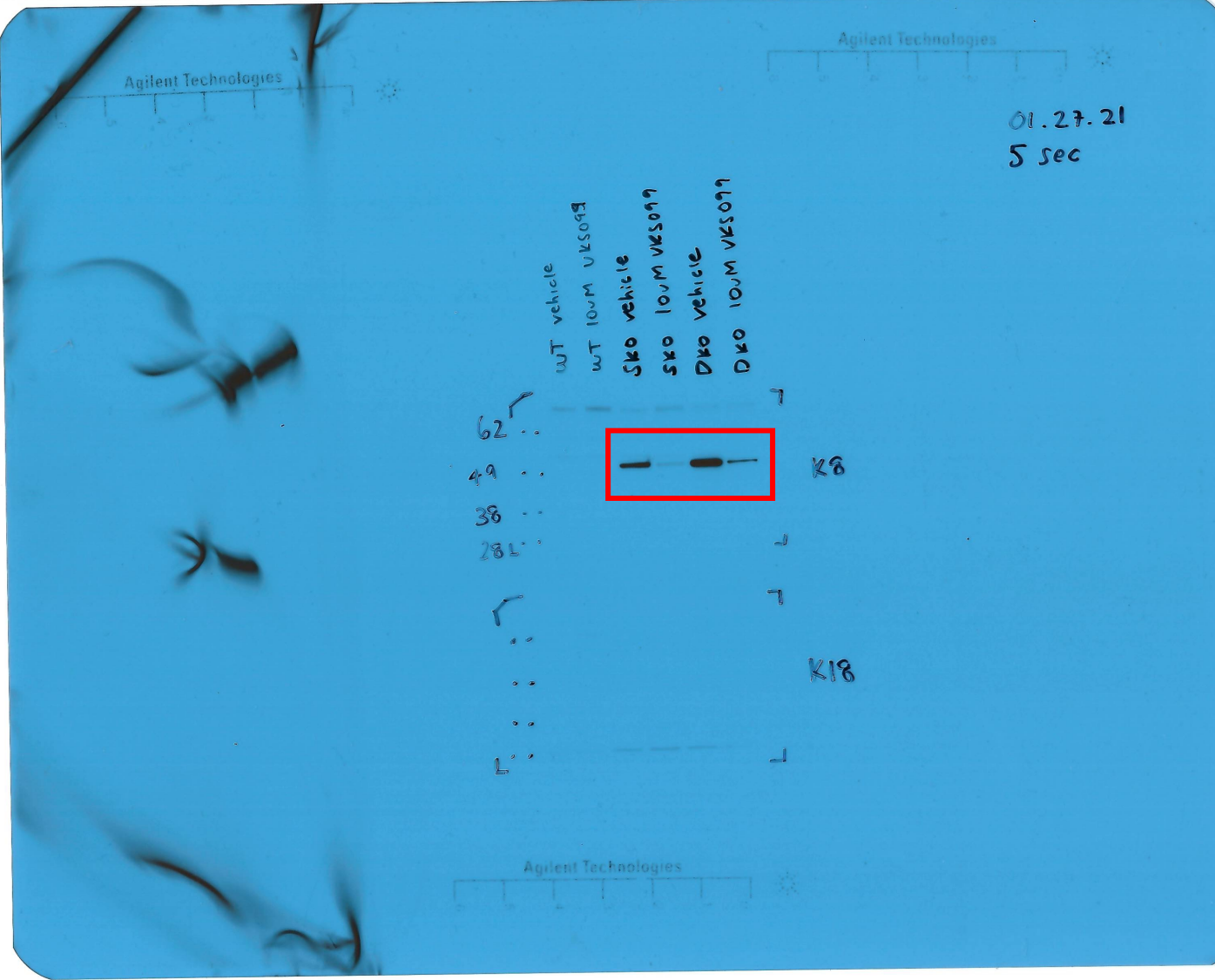


Figure 4a

KRT18

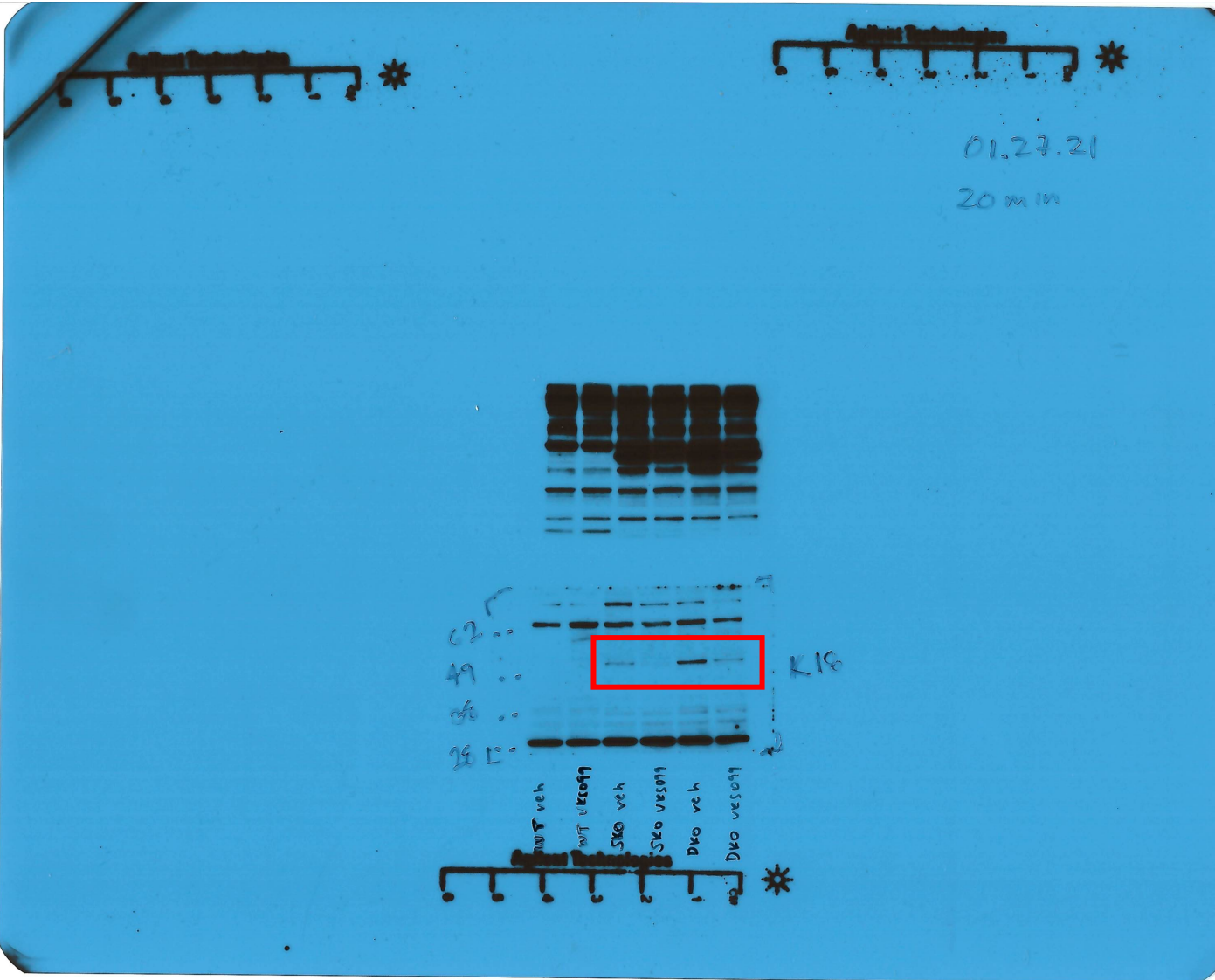


Figure 4a

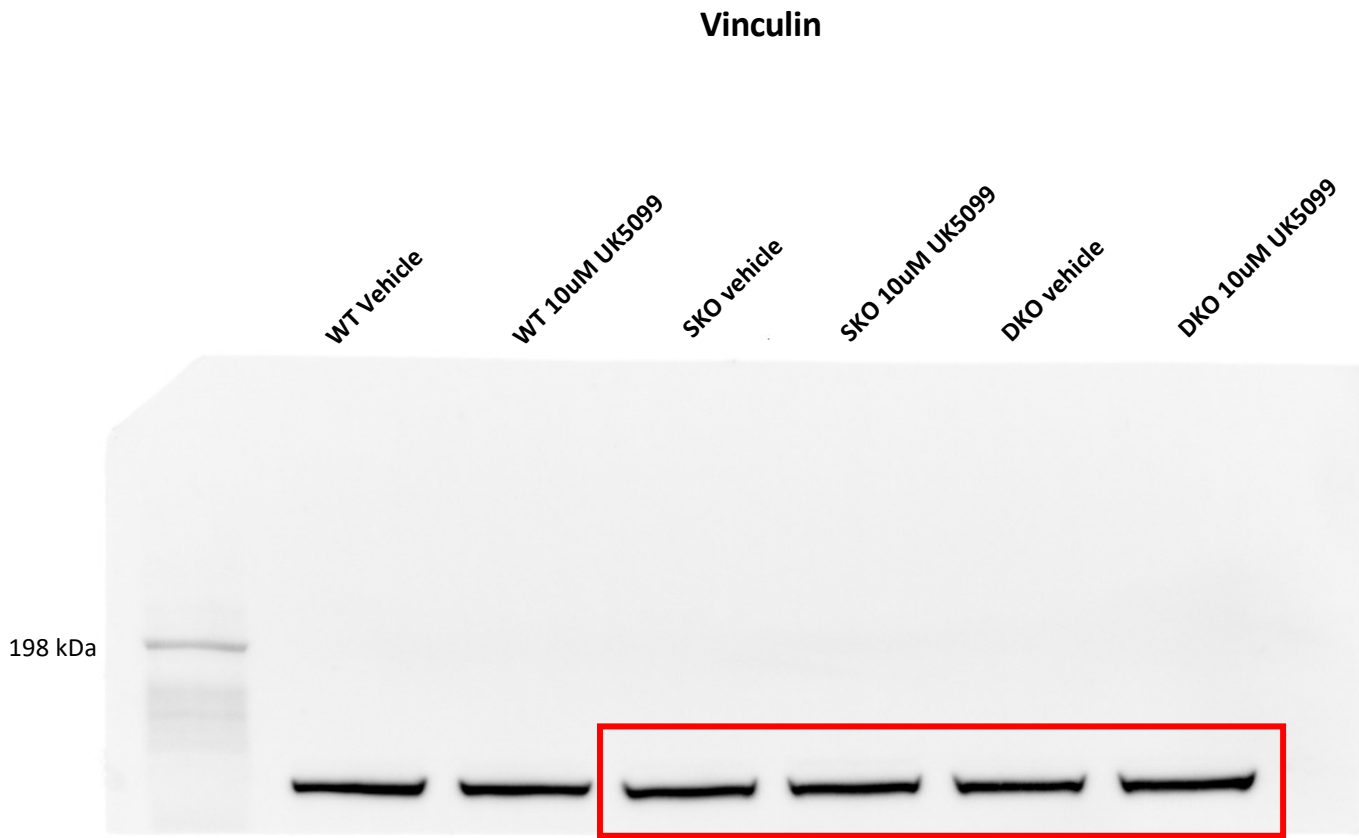
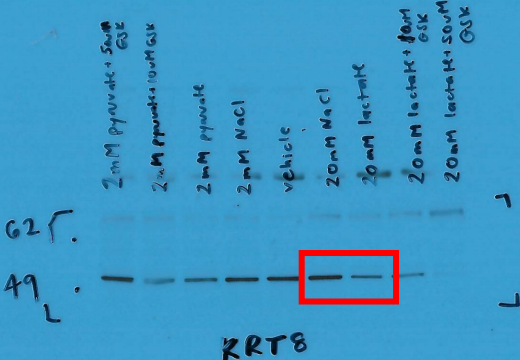


Figure 5b

KRT8

7.8.22

2 sec -



*

Figure 5b

p63

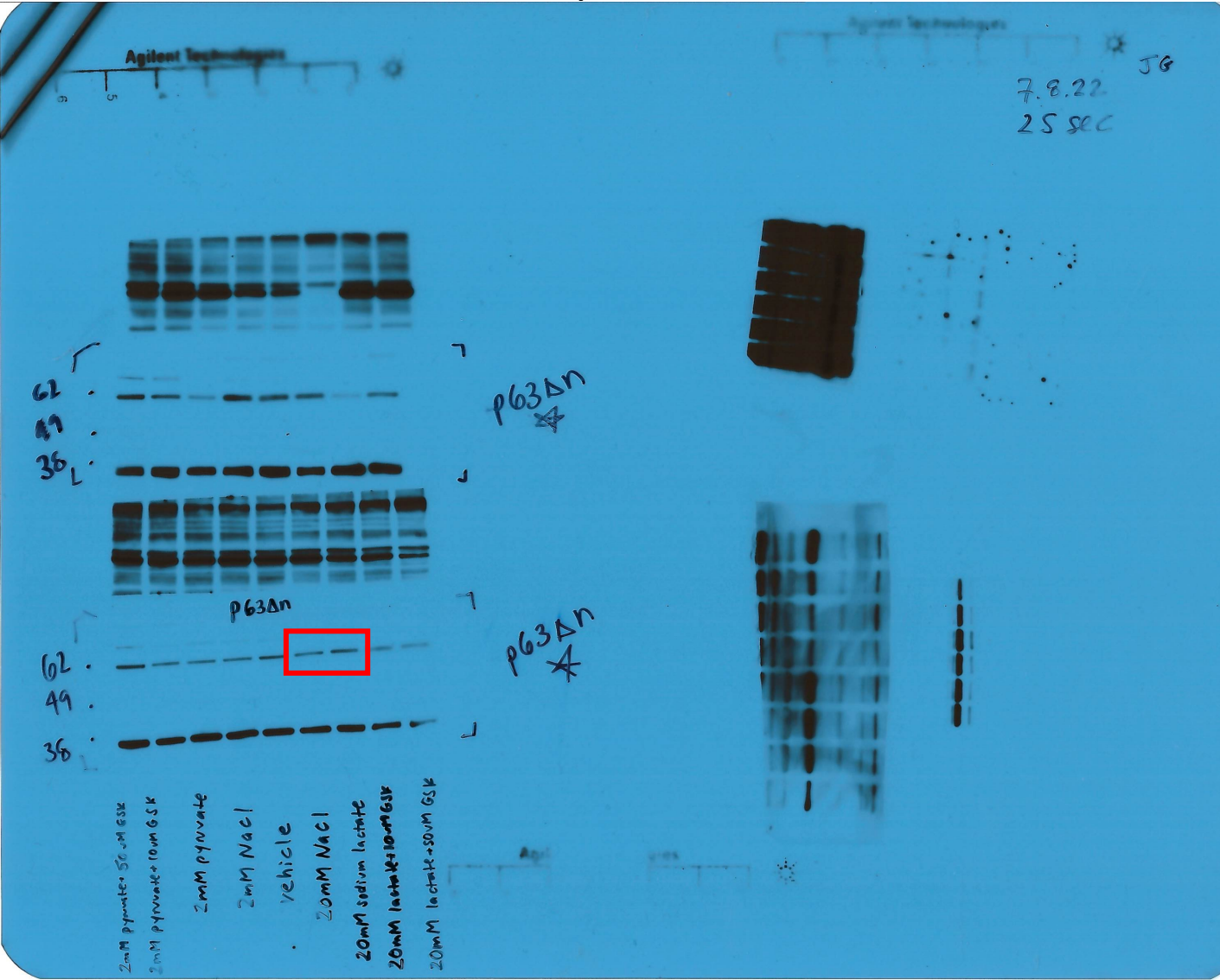


Figure 5b

Actin

2mM pyruvate + 50uM GSK
2mM pyruvate + 10uM GSK
2mM pyruvate
2mM NaCl
Vehicle
20mM NaCl
20mM lactate
20mM lactate + 10uM GSK
20mM lactate + 50uM GSK

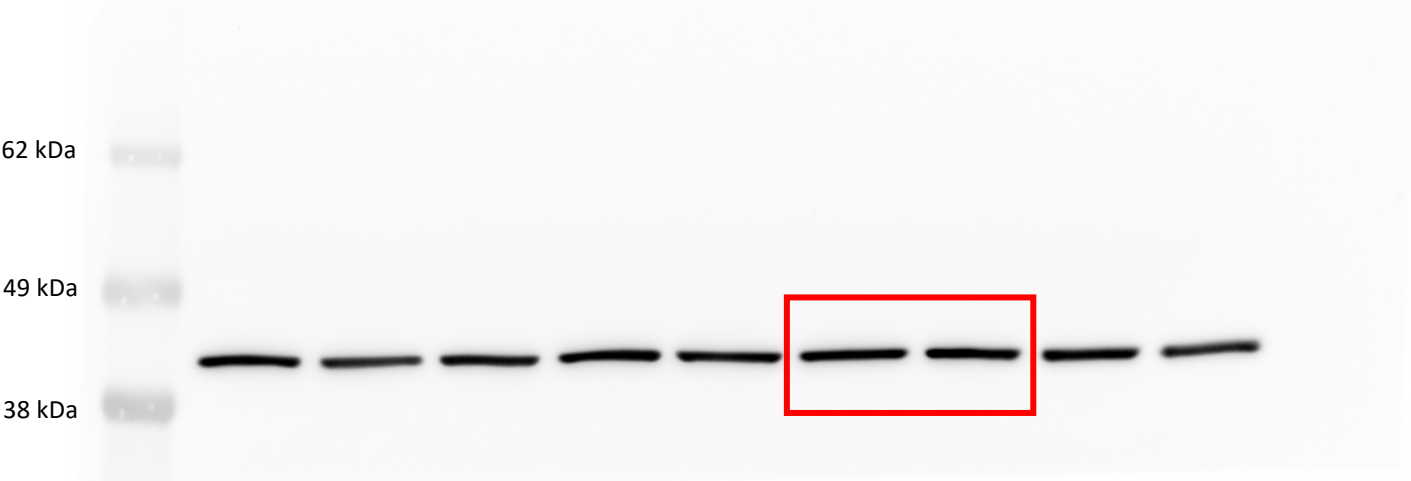


Figure 5c

KRT8

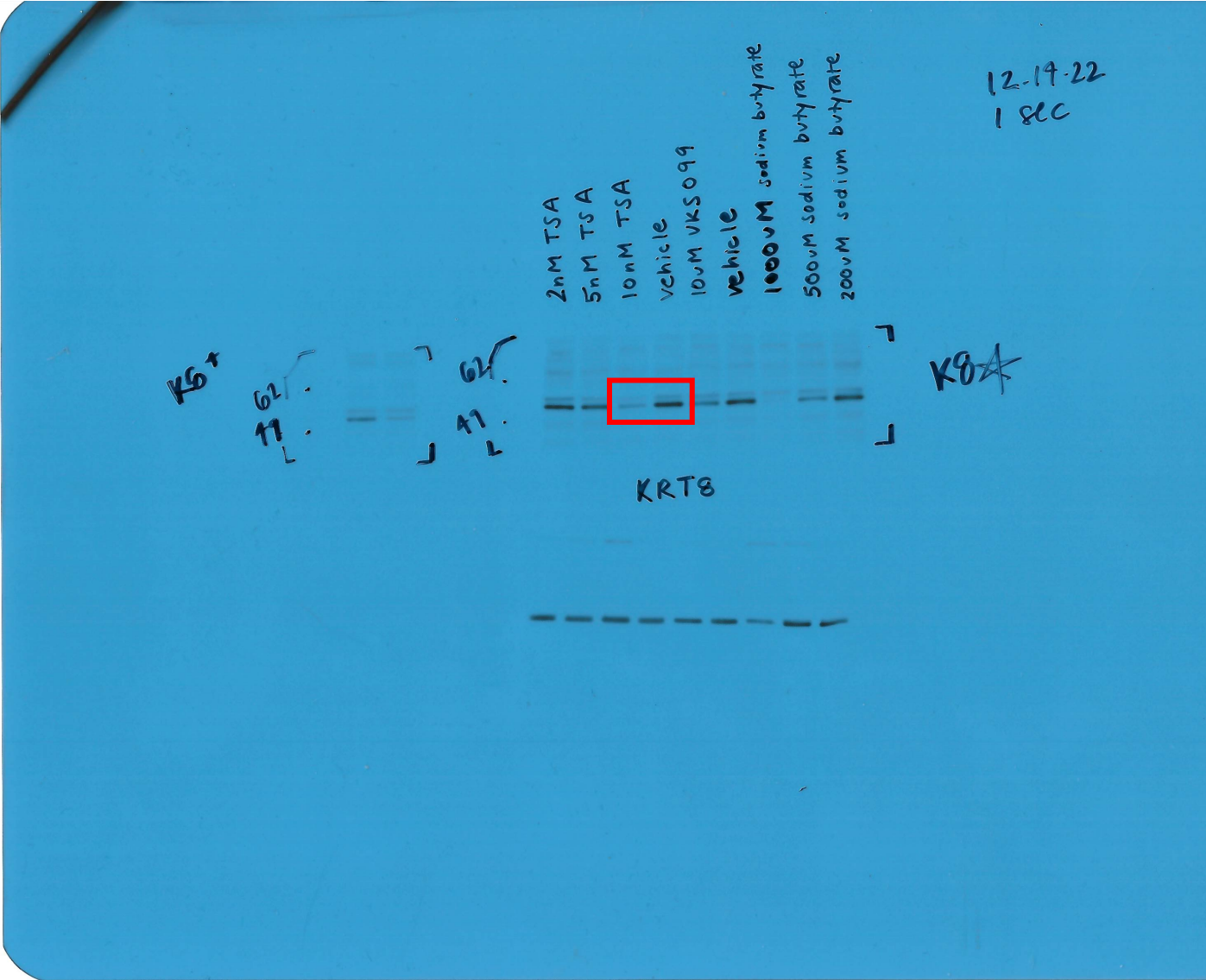


Figure 5c

p63

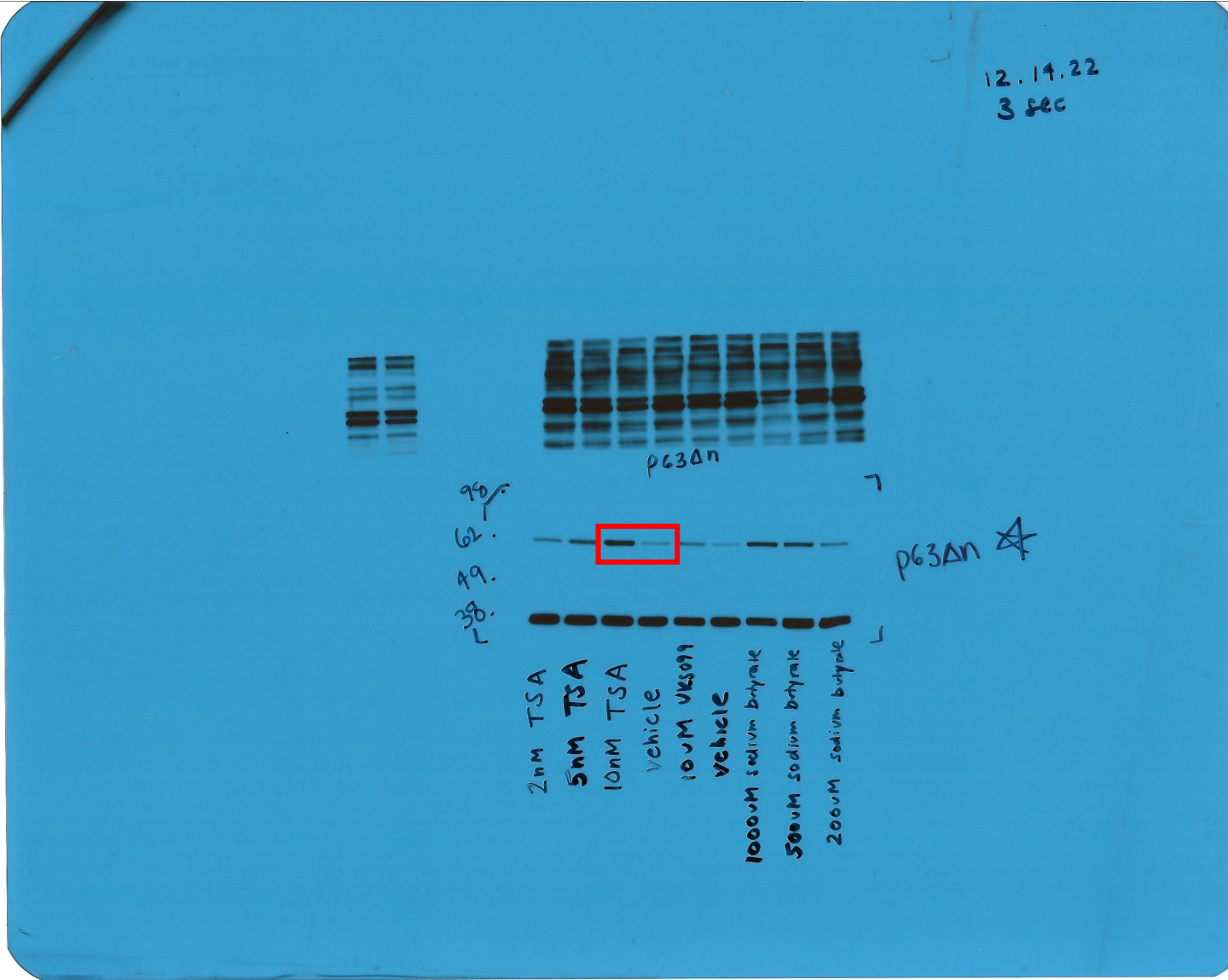


Figure 5c

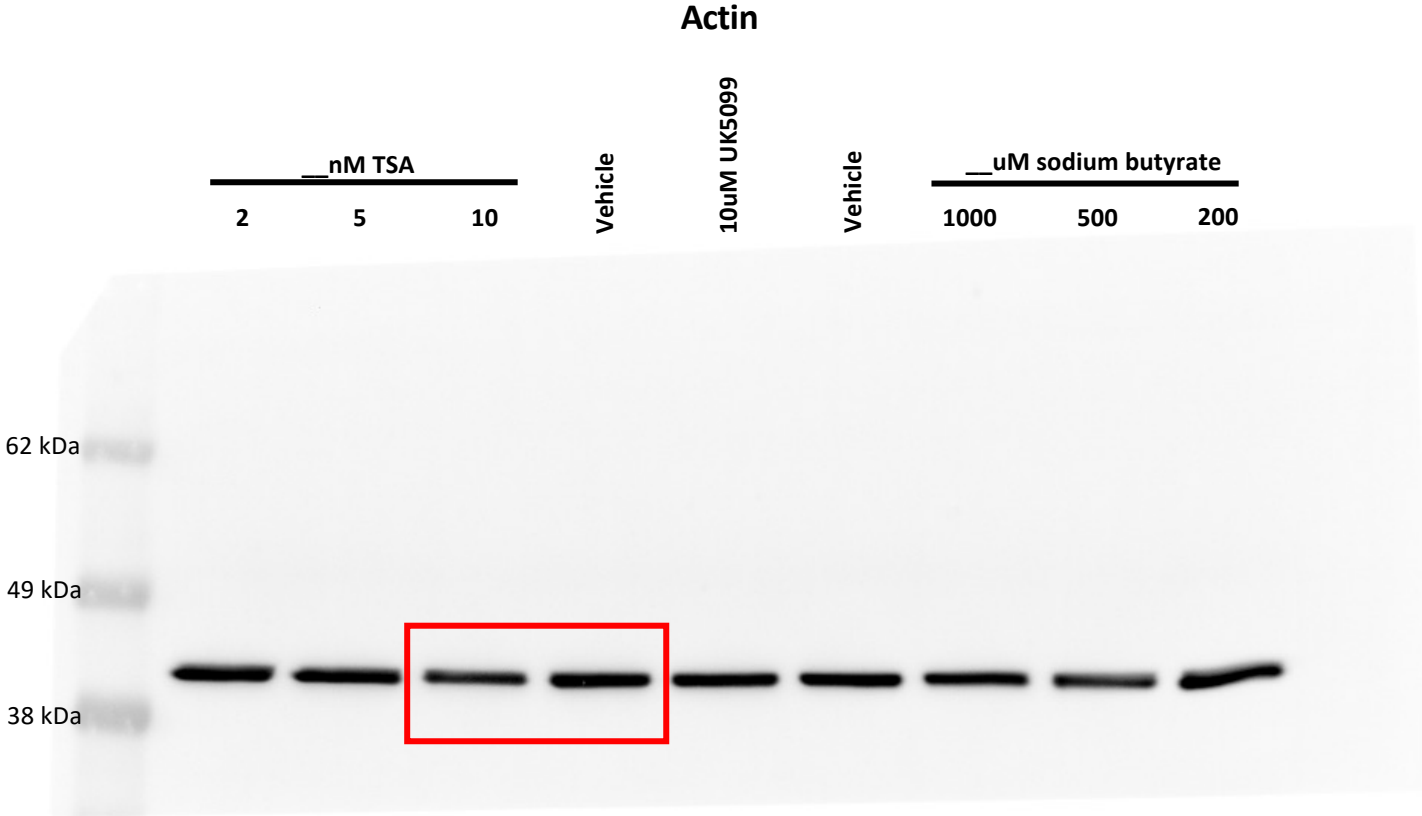


Figure 5d

KRT8

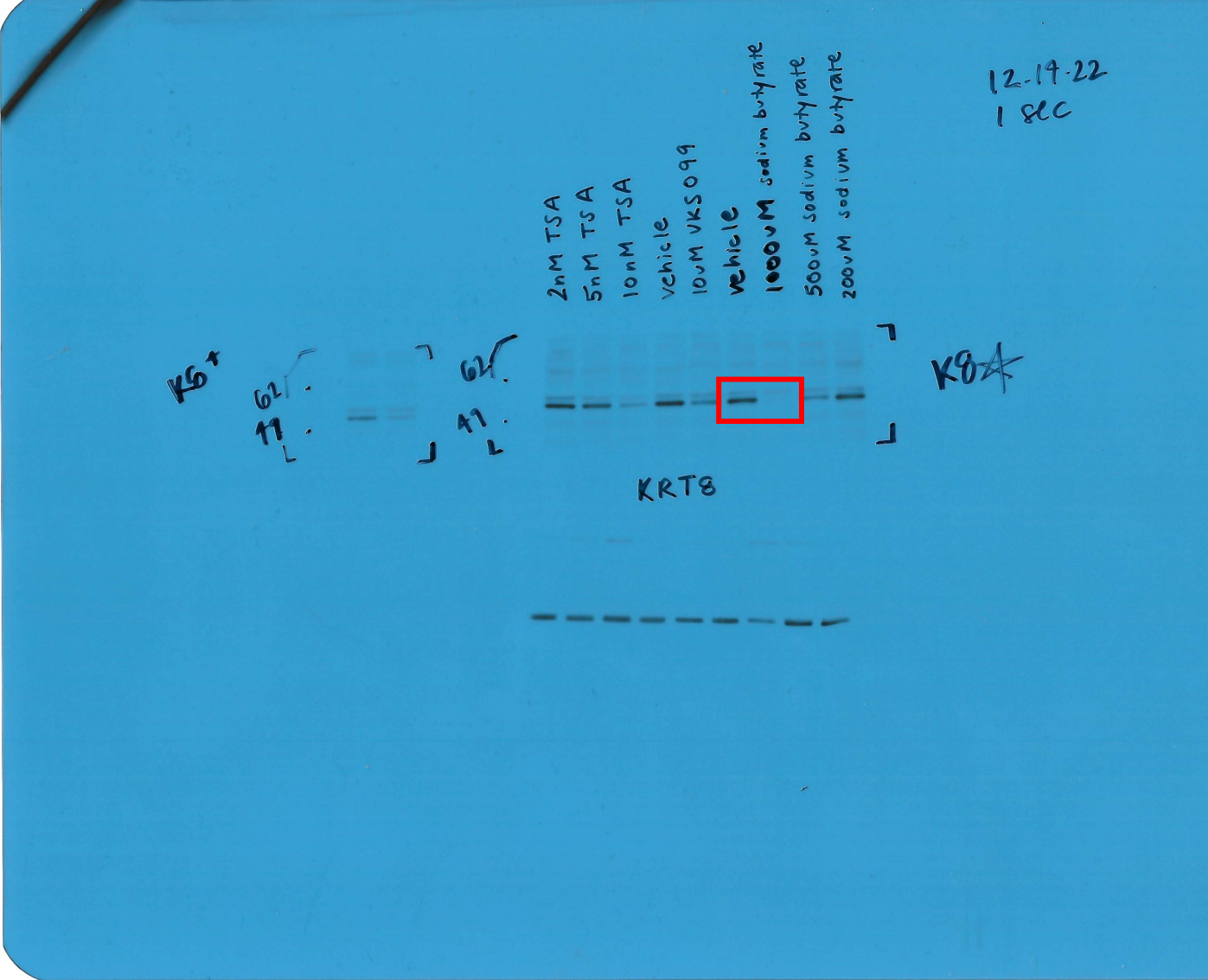


Figure 5d

p63

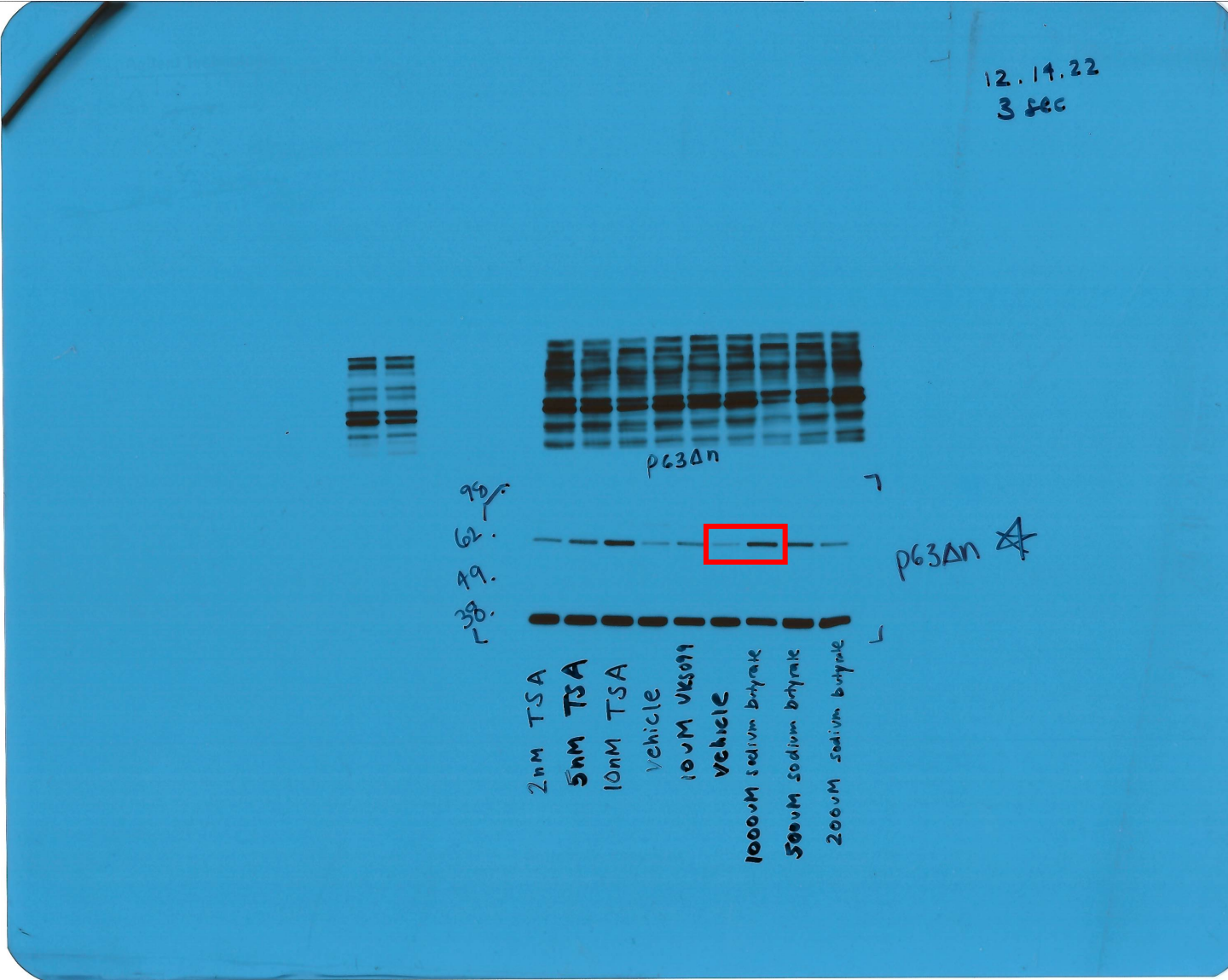
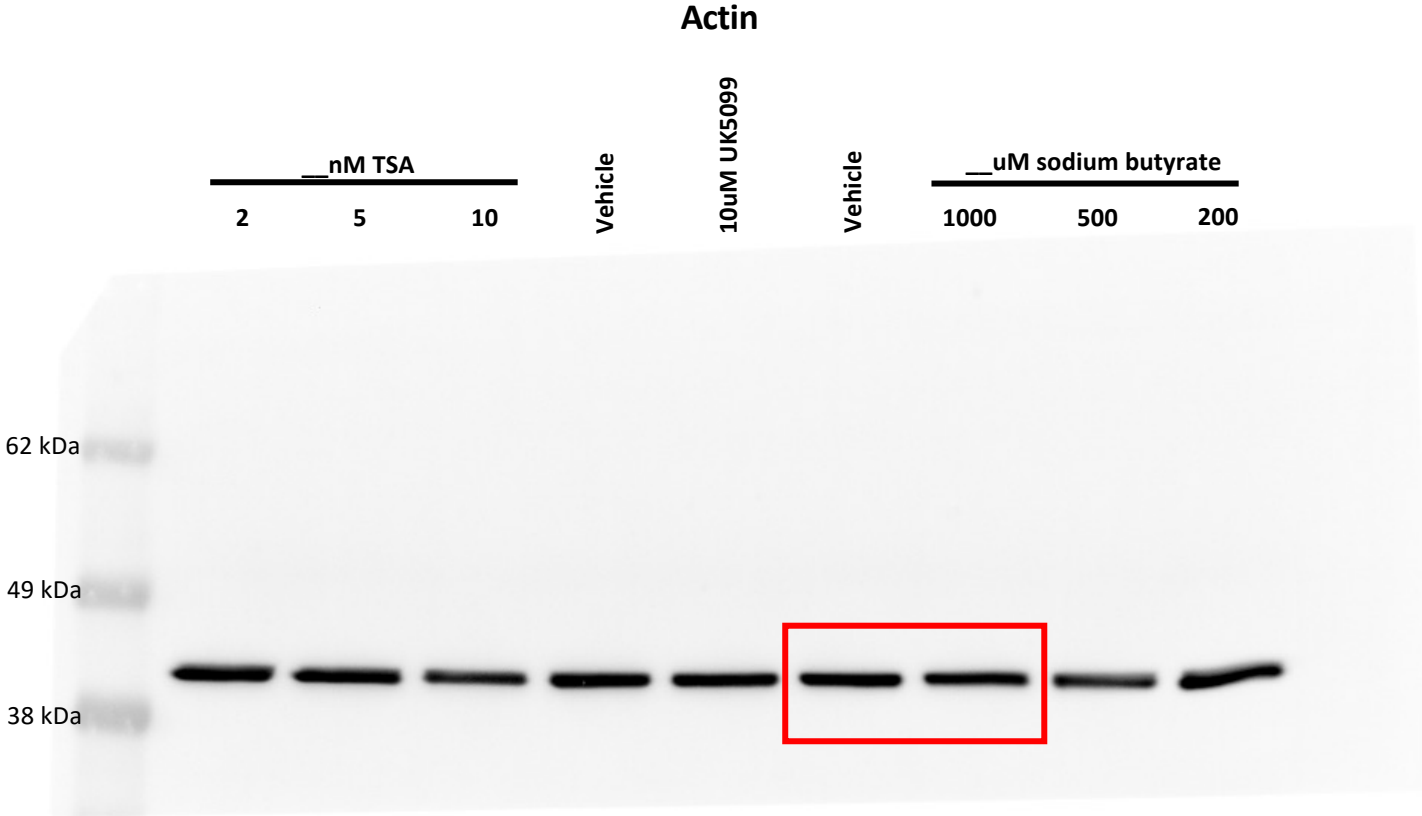
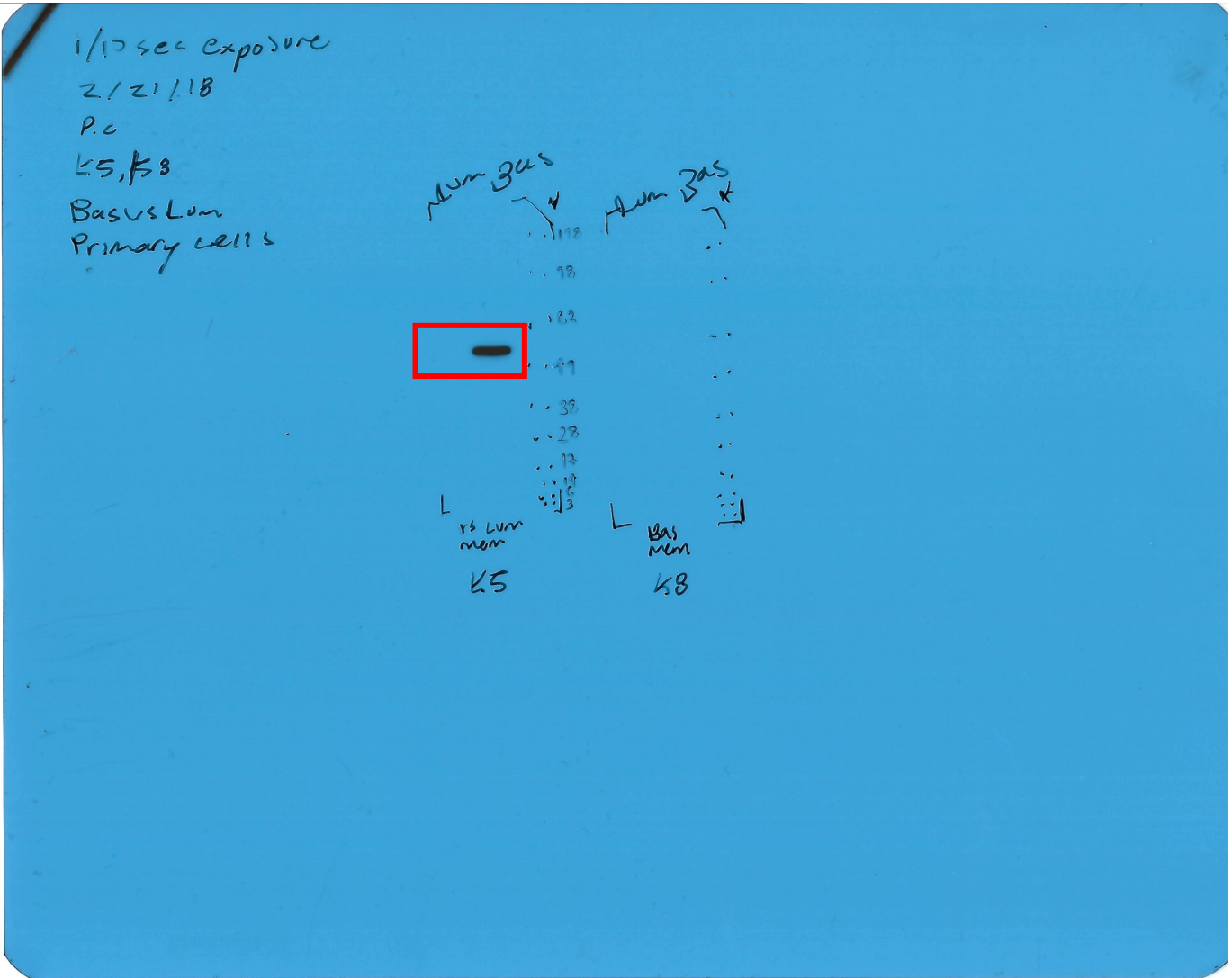


Figure 5d



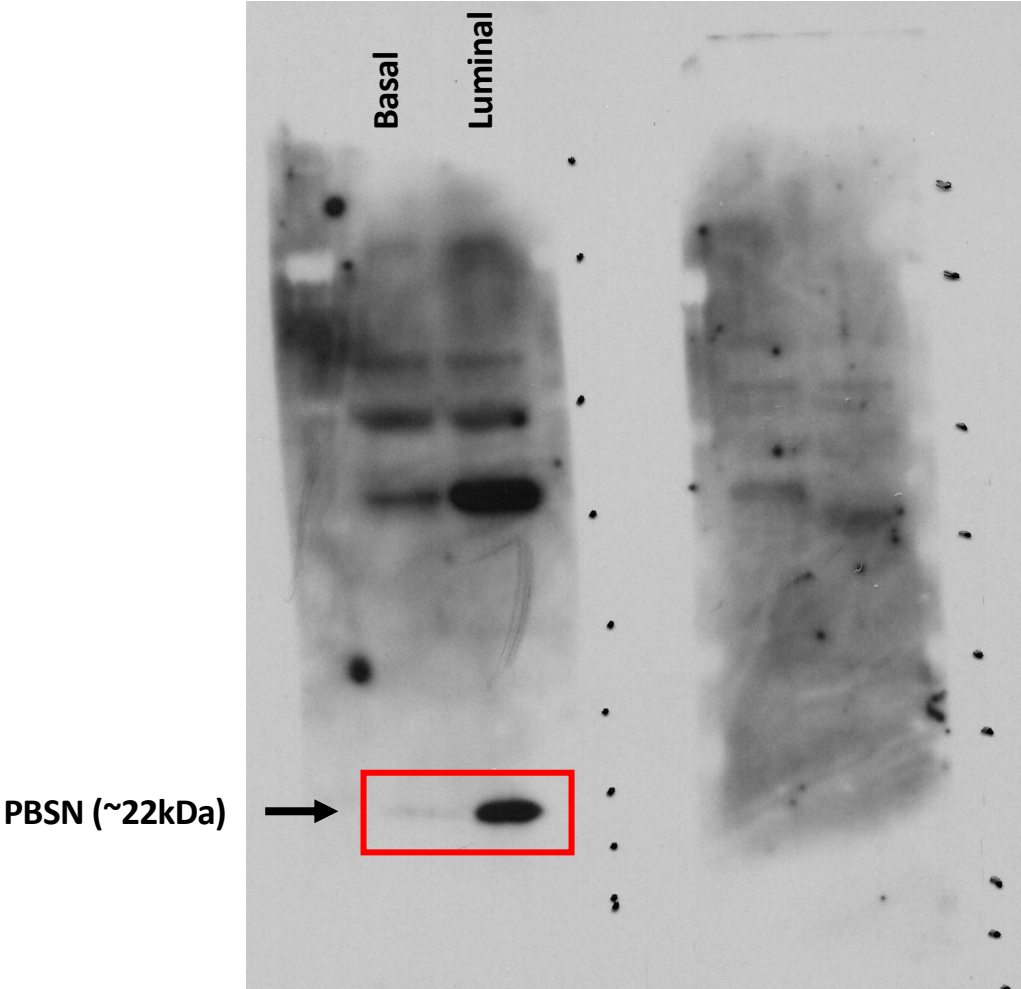
Extended Data Figure 1f

KRT5



Extended Data Figure 1f

PBSN



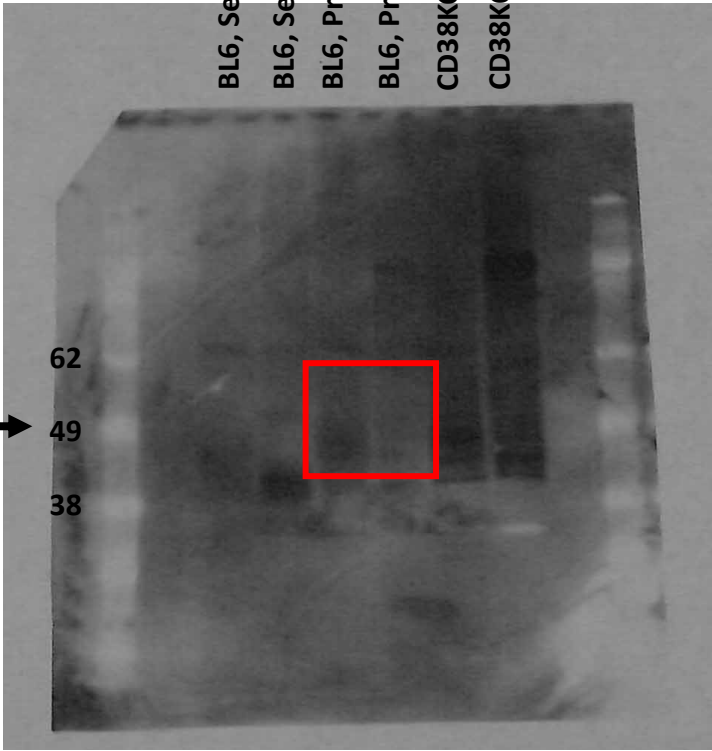
Slot-blot – SYPRO Ruby



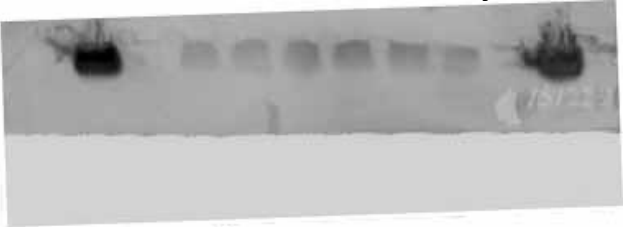
GLUT1

BL6, Sem. Ves., Basal
BL6, Sem. Ves., Luminal
BL6, Prostate, Basal
BL6, Prostate, Luminal
CD38KO, Prostate, Basal
CD38KO, Prostate, Luminal

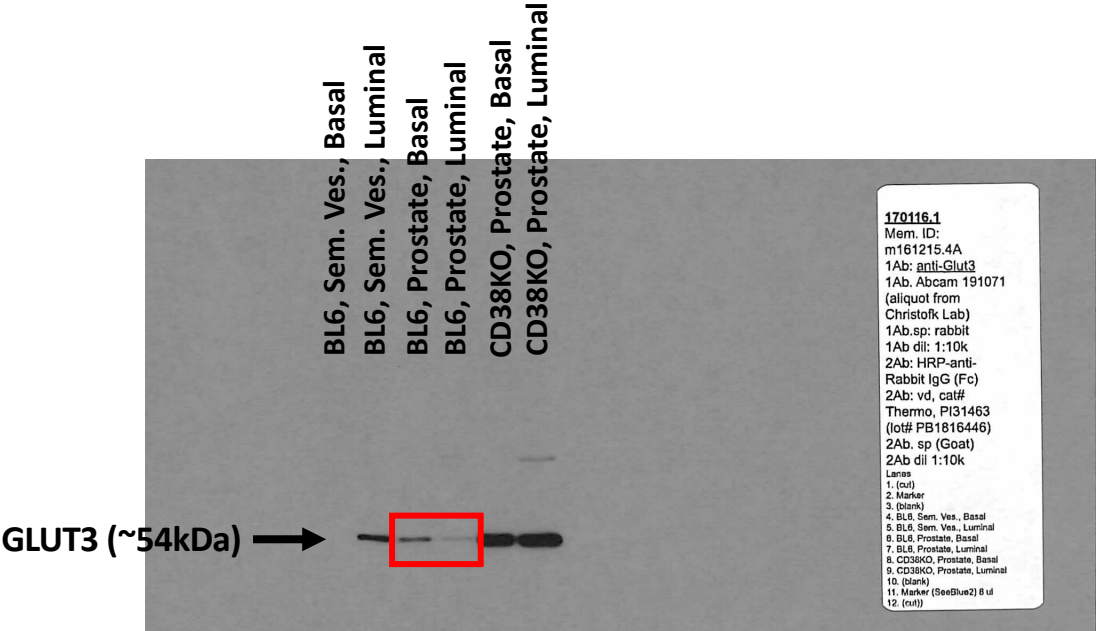
GLUT1 (~40-60kDa) →
62
49
38



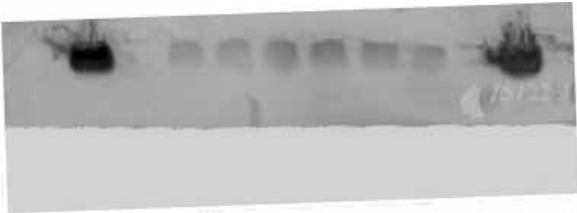
Slot-blot – SYPRO Ruby



GLUT3

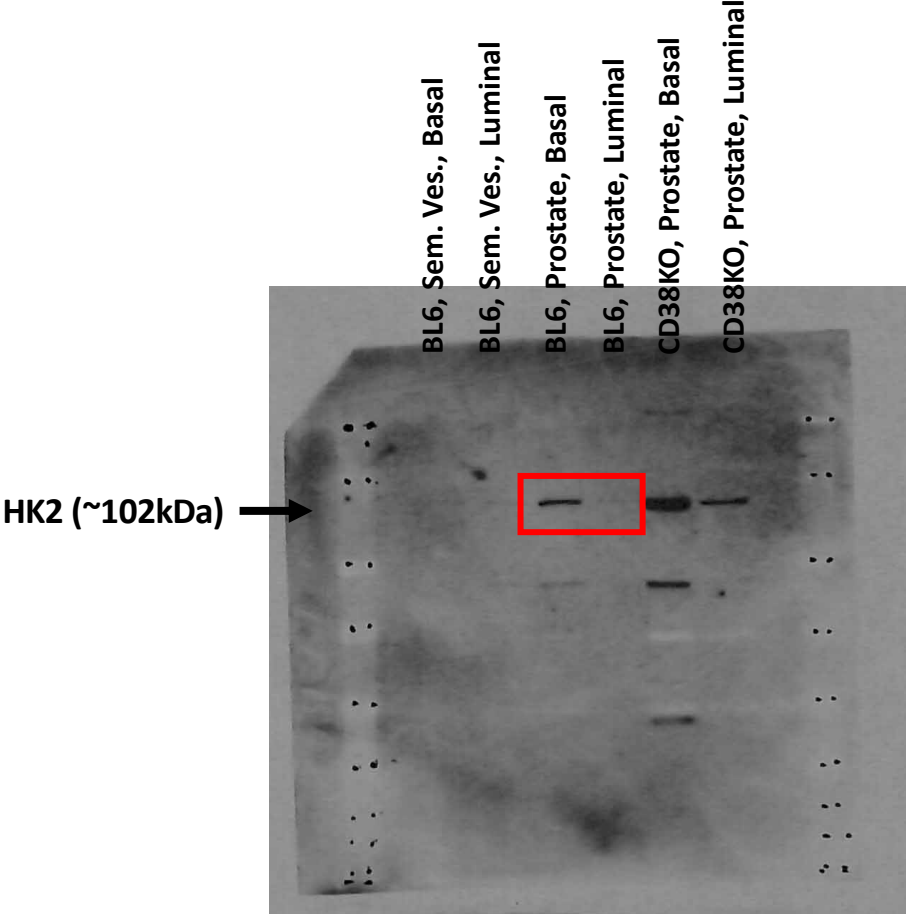


Slot-blot – SYPRO Ruby

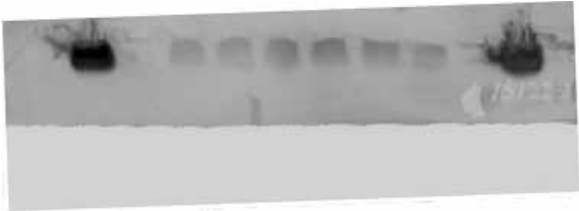


Extended Data Figure 1f

HK2

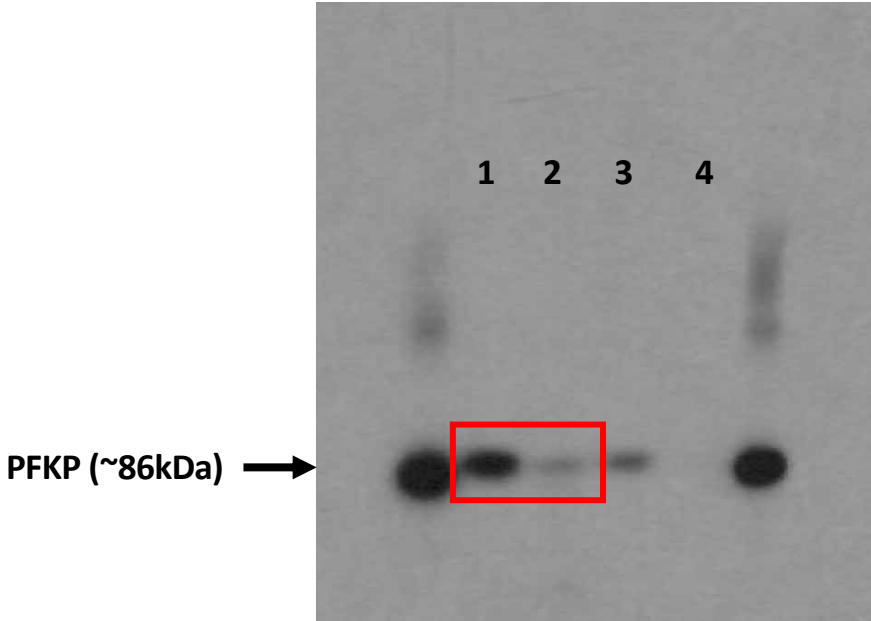


Slot-blot – SYPRO Ruby



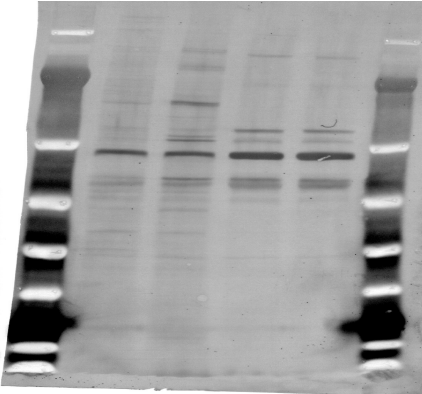
Extended Data Figure 1f

PFKP



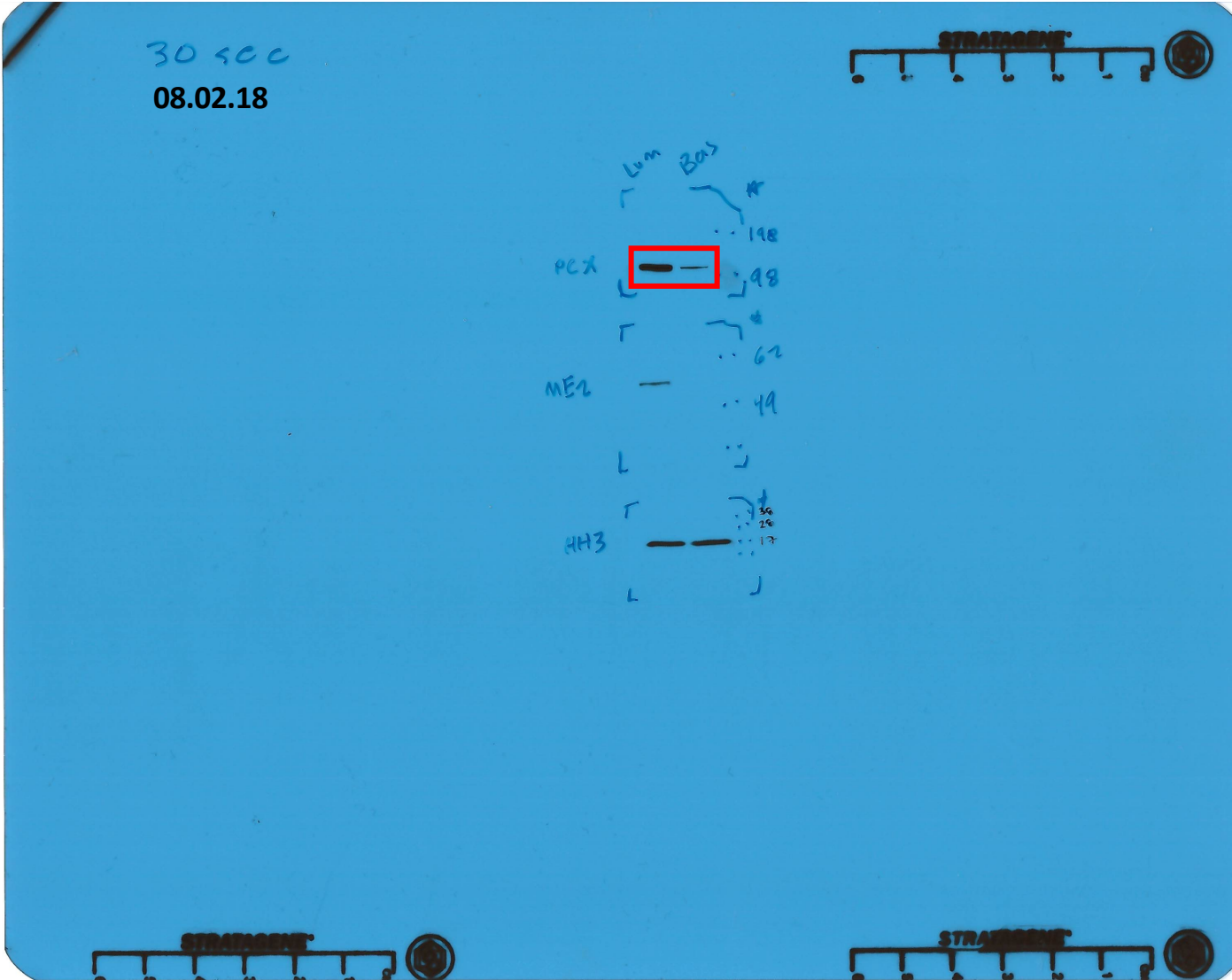
- 1. 12/5/16-3: WT(BL6) Prostate Basal 2.5 ug
- 2. 12/5/16-4: WT(BL6) Prostate Luminal 2.5 ug
- 3. 1/18/17-3: WT(BL6) Prostate Basal 2.5 ug
- 4. 1/18/17-4: WT(BL6) Prostate Luminal 2.5 ug

SYPRO Ruby

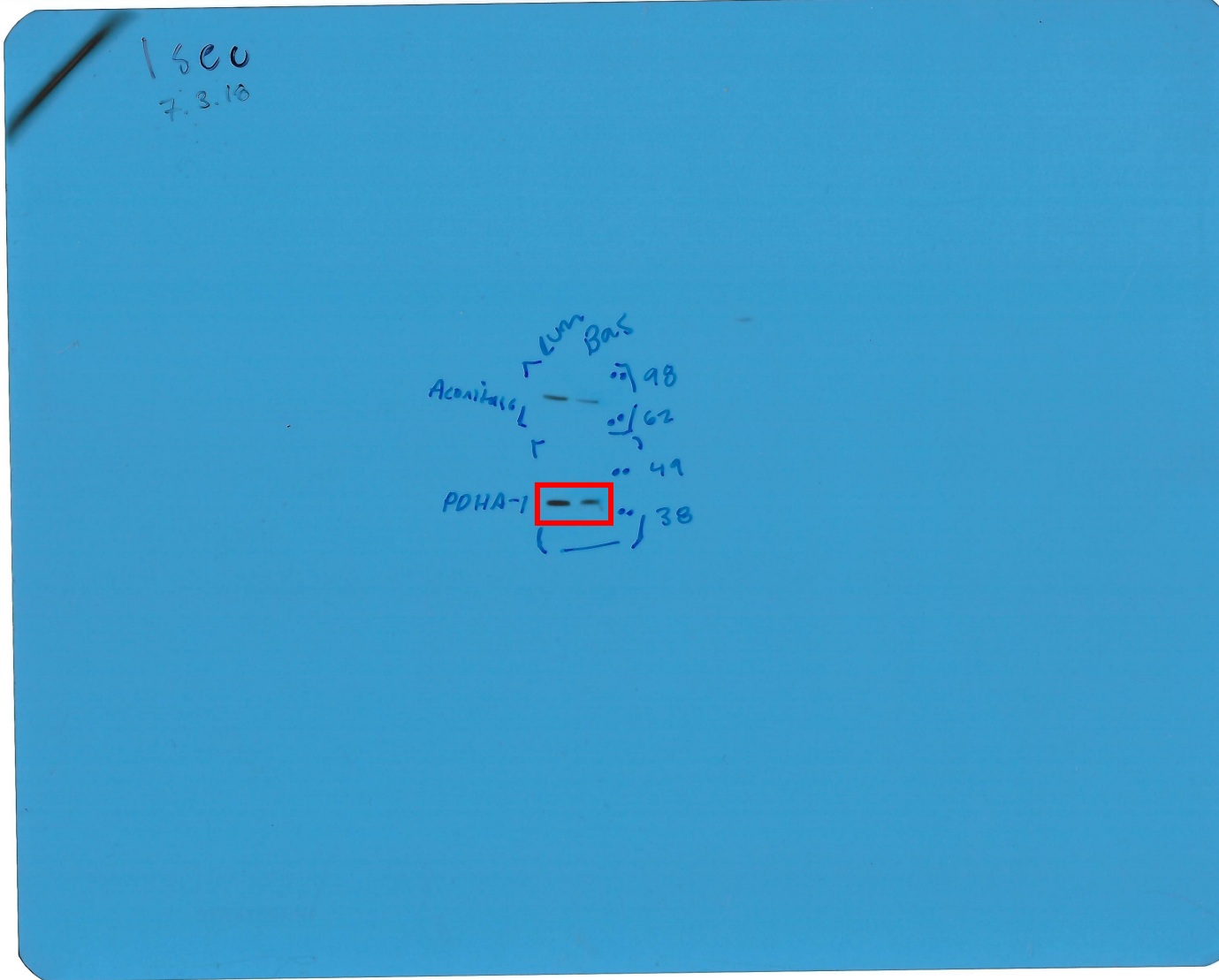


Extended Data Figure 1f

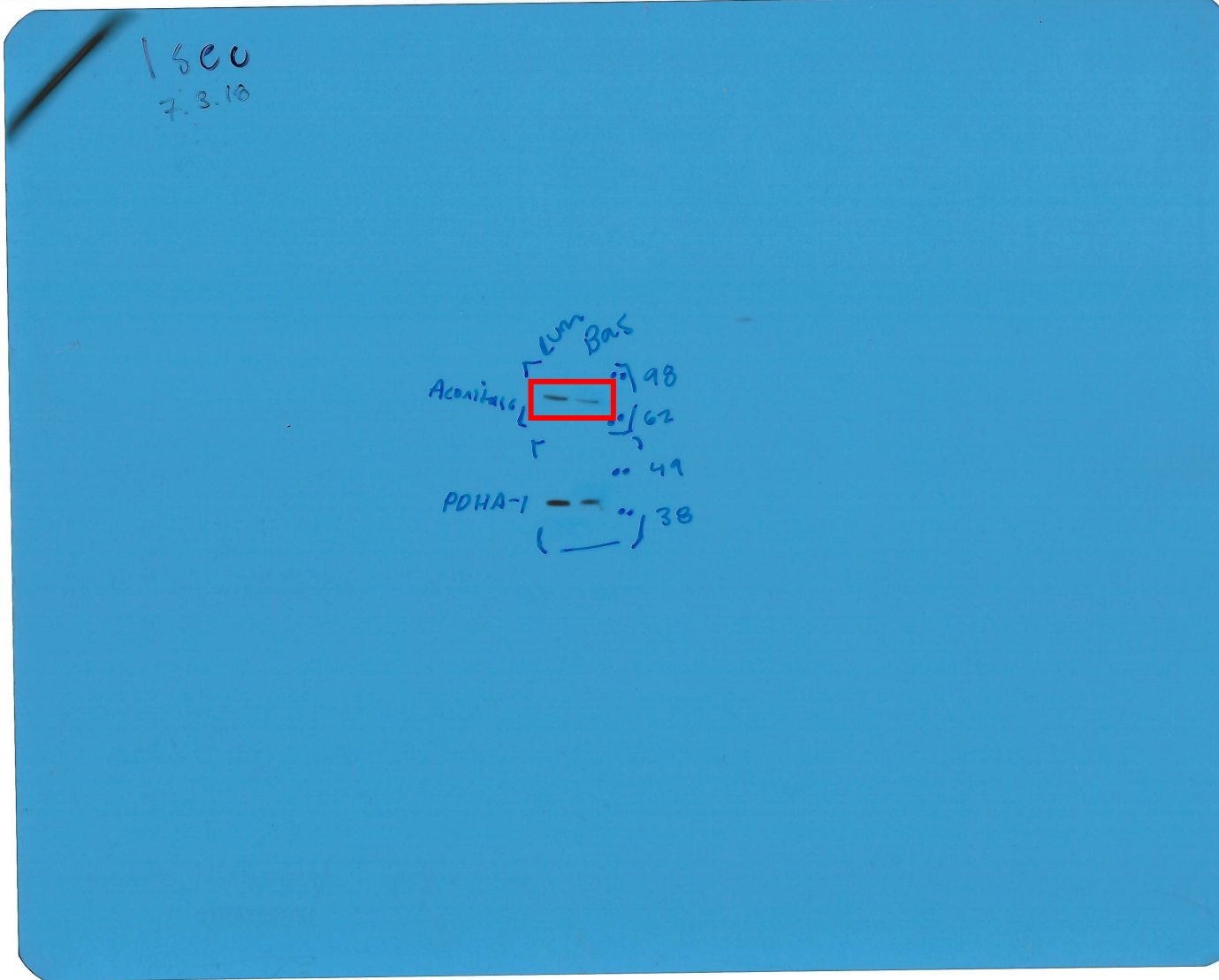
PCX



PDHA1



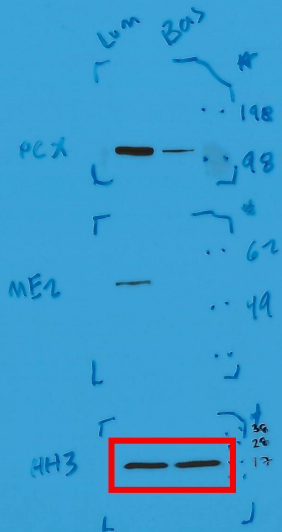
ACO2



HH3

30 sec

08.02.18



Extended Data Figure 3f

PCNA



Extended Data Figure 3f

Actin

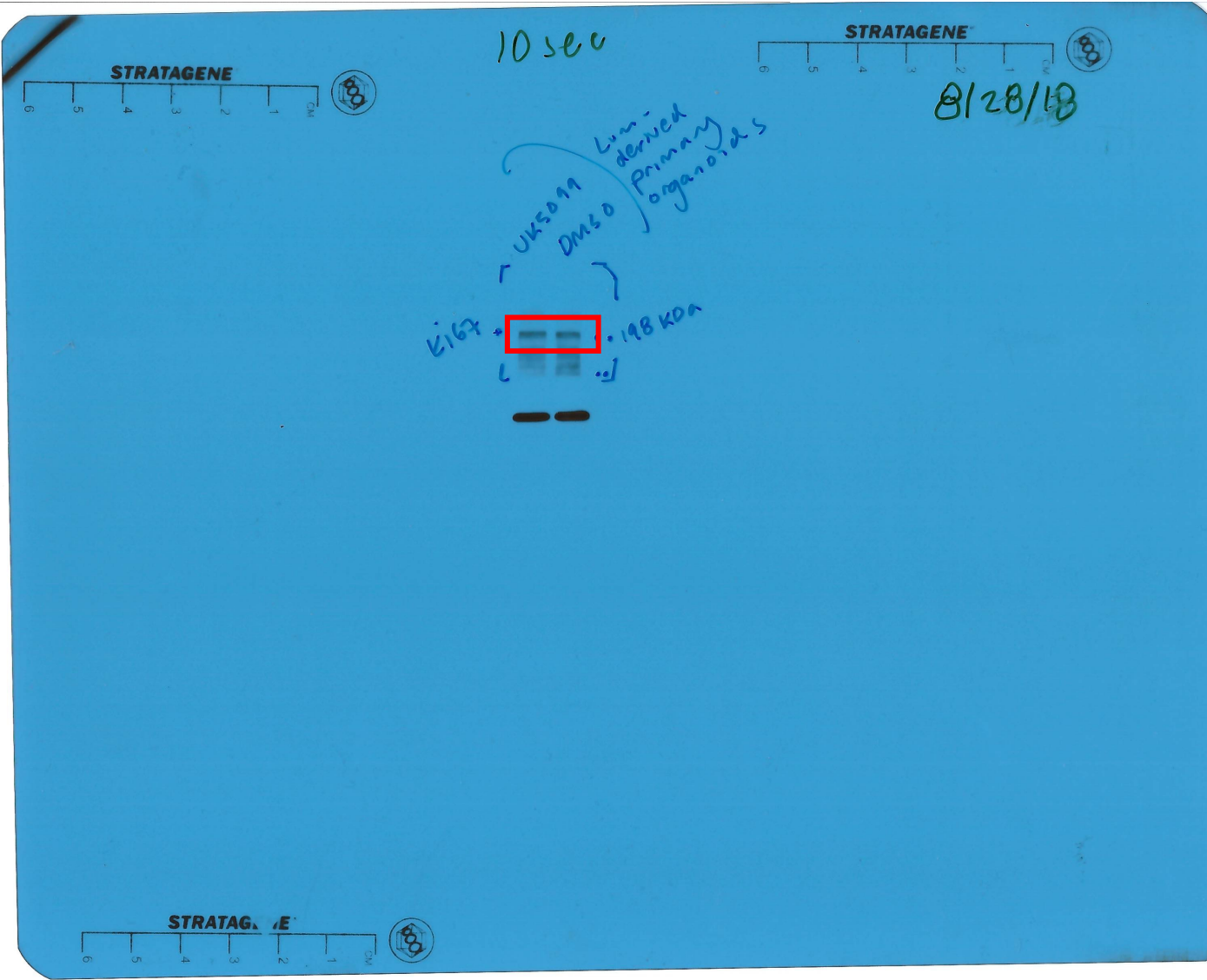
Basal-derived organoid day 3
Basal-derived organoid day 5
Basal-derived organoid day 7
Basal-derived organoid day 7 10uM UK5099

49 kDa

38 kDa

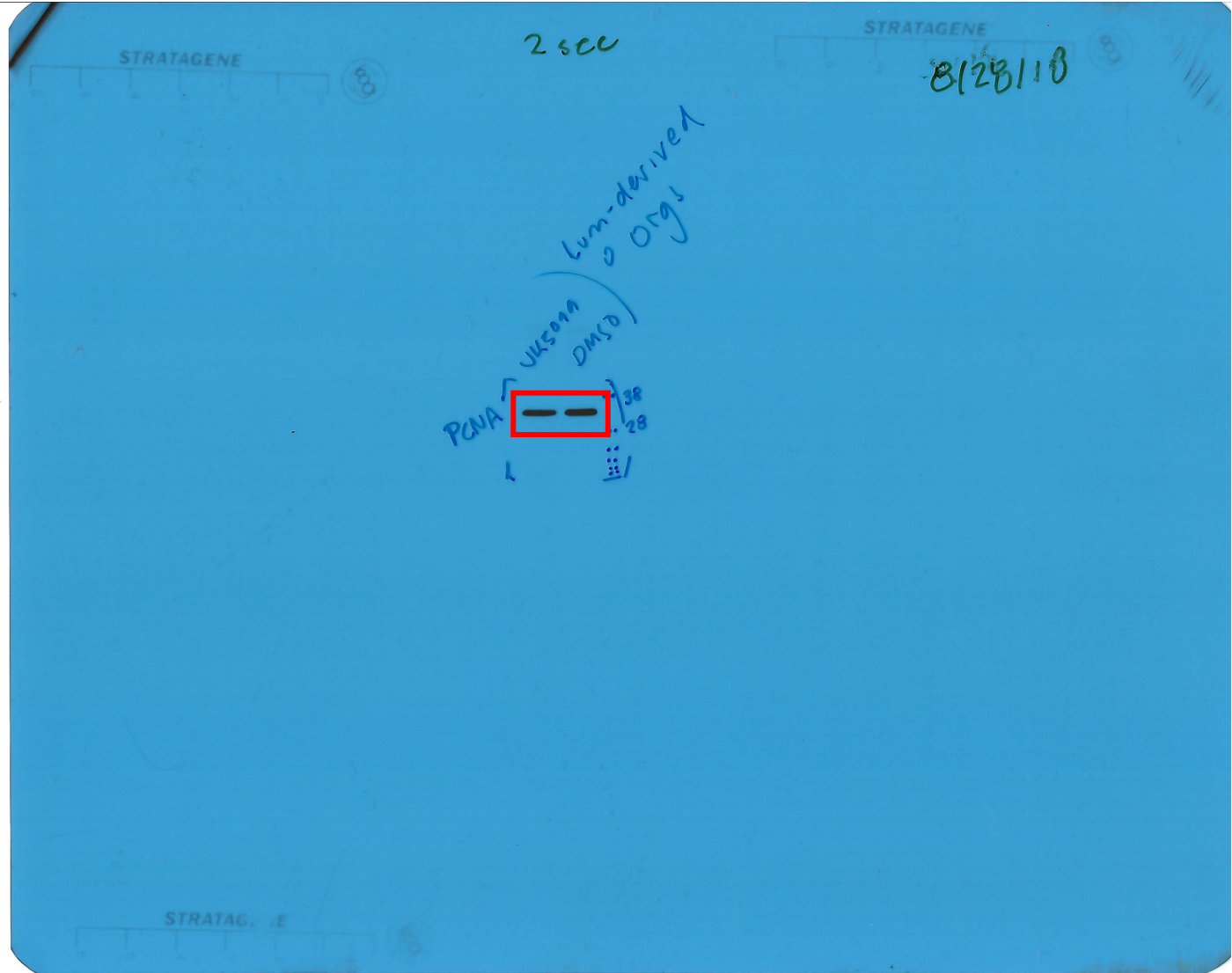


Ki67

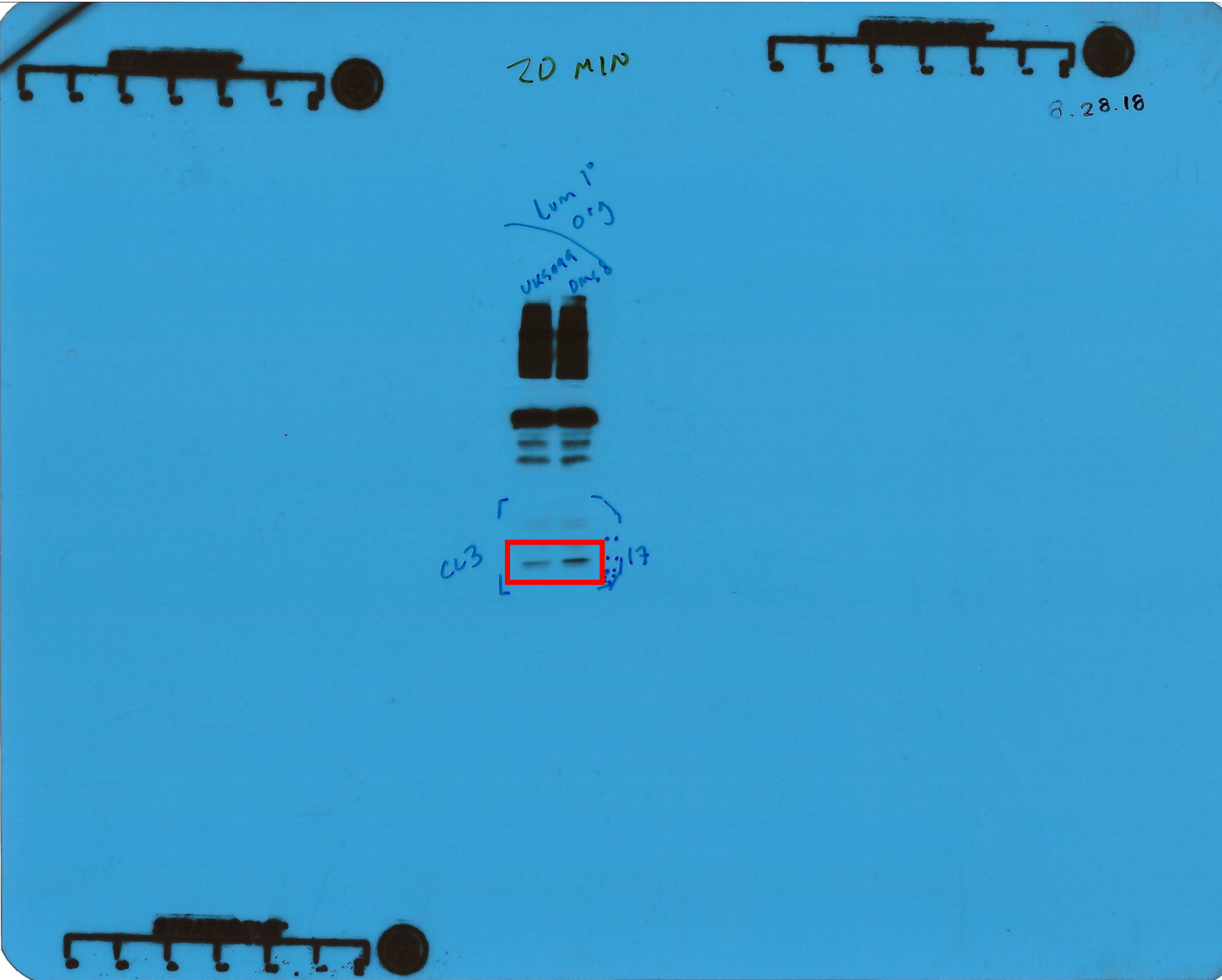


Extended Data Figure 4d

PCNA



Cleaved caspase-3

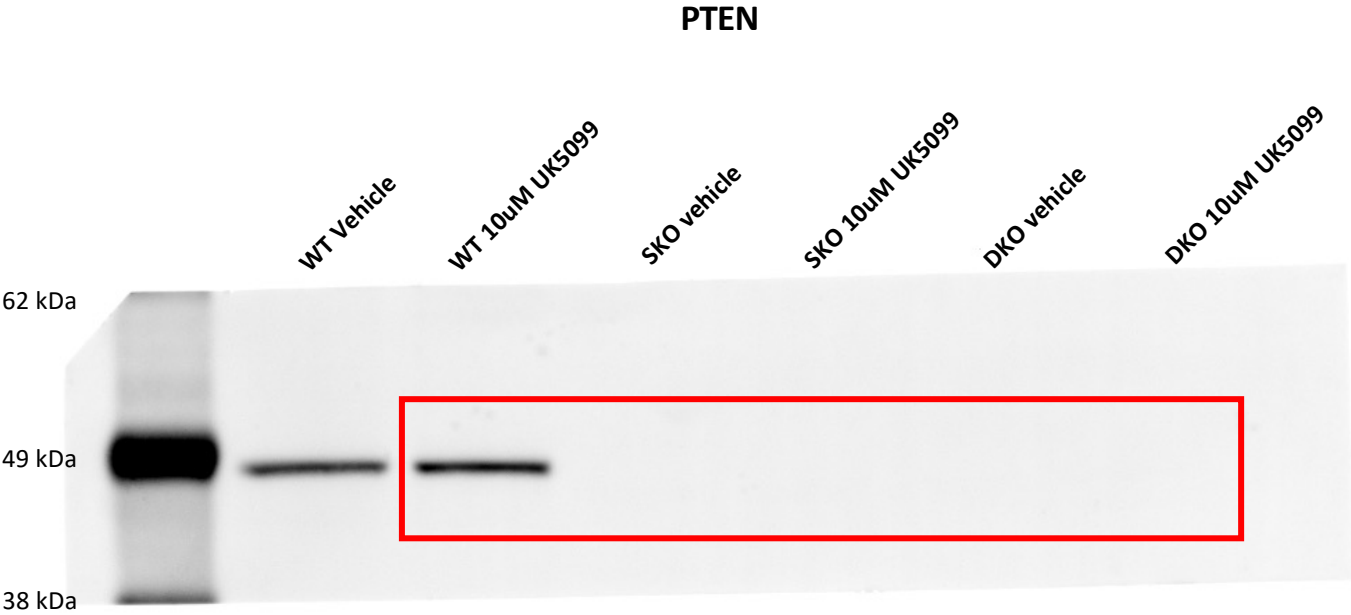


Extended Data Figure 4d

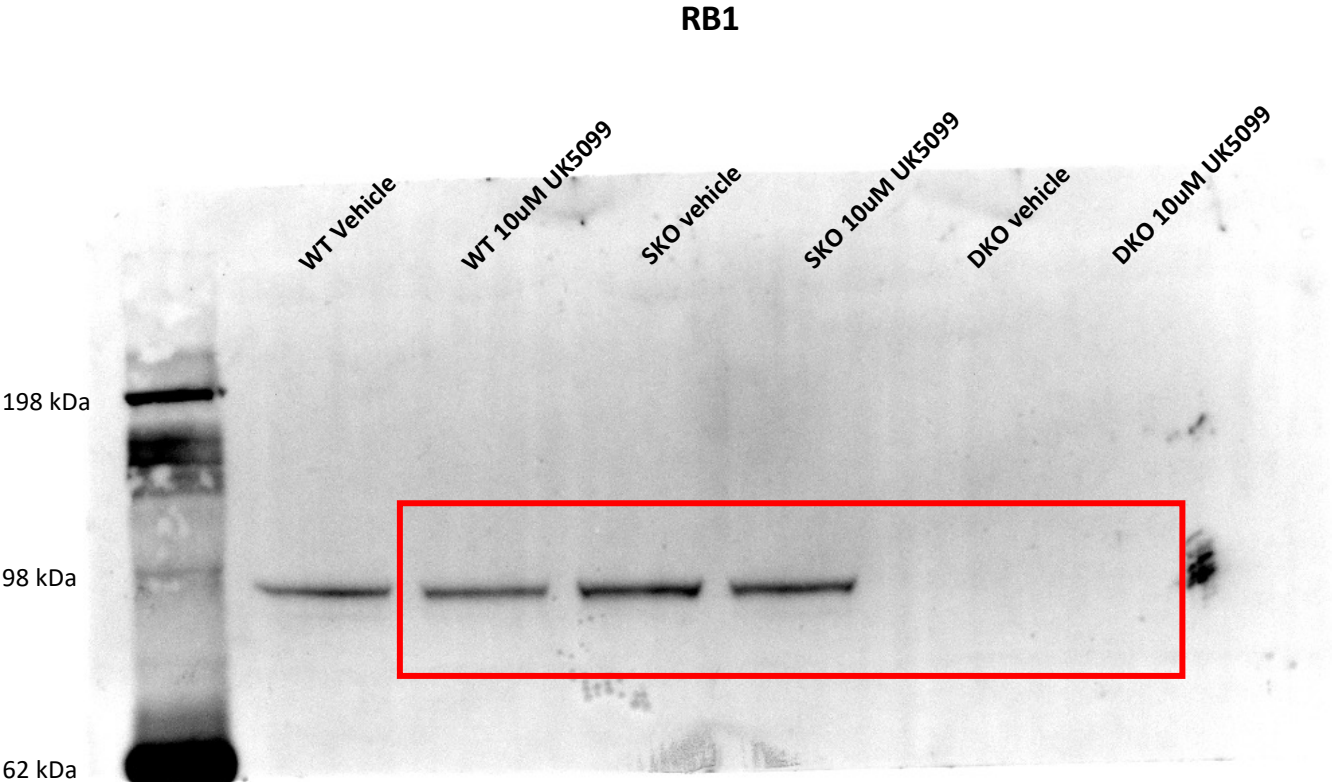
Actin



Extended Data Figure 6a



Extended Data Figure 6a



Extended Data Figure 6a

Vinculin

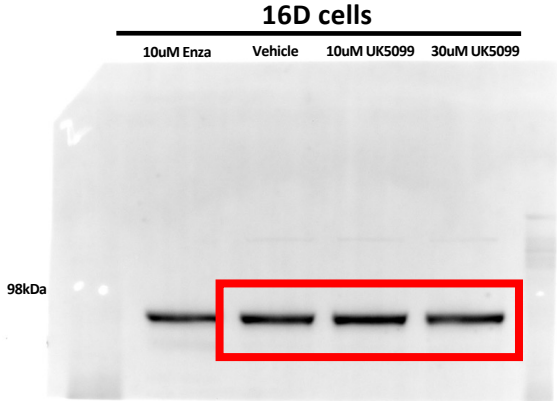
WT Vehicle WT 10uM UK5099 SKO vehicle SKO 10uM UK5099 DKO vehicle DKO 10uM UK5099

198 kDa



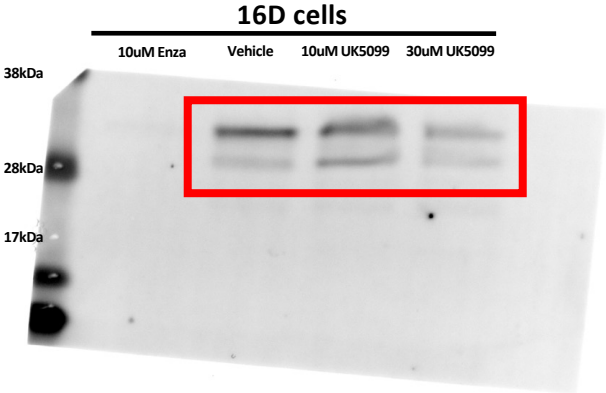
Extended Data Figure 6e

AR



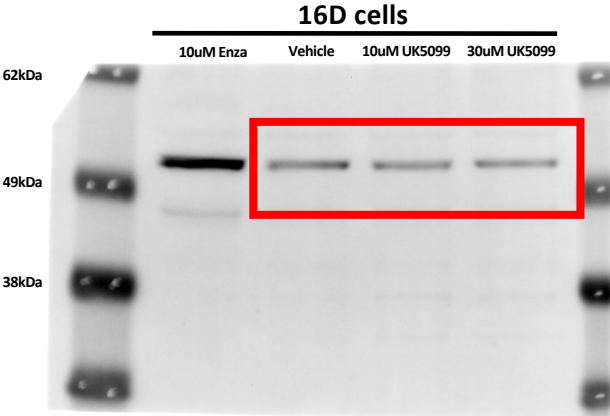
Extended Data Figure 6e

PSA



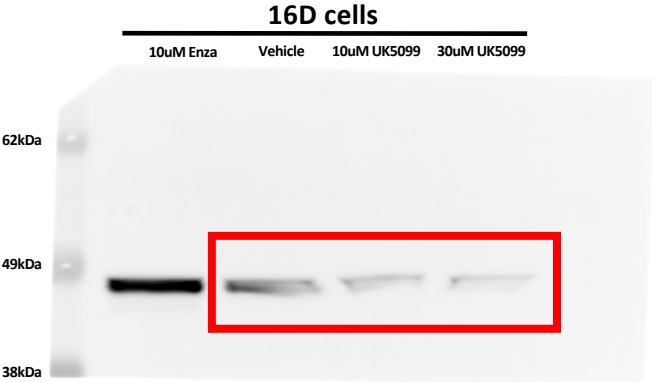
Extended Data Figure 6e

K8



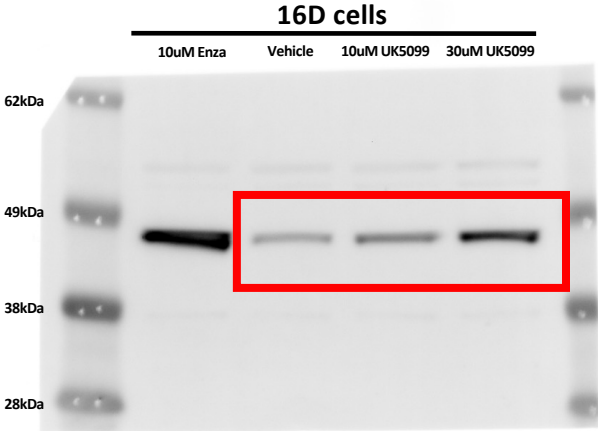
Extended Data Figure 6e

K18



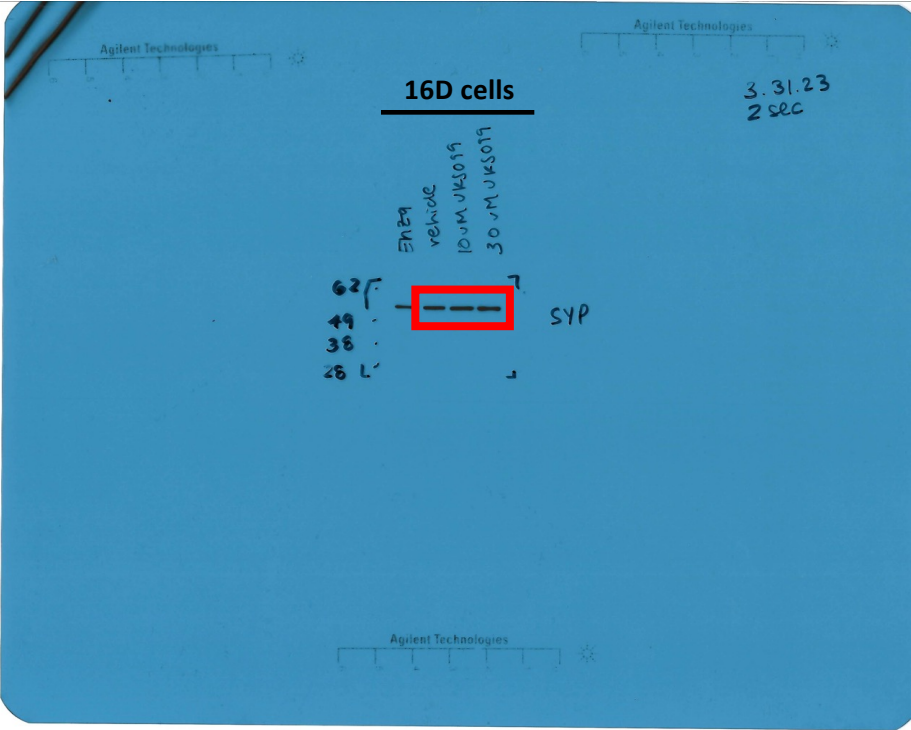
Extended Data Figure 6e

NSE



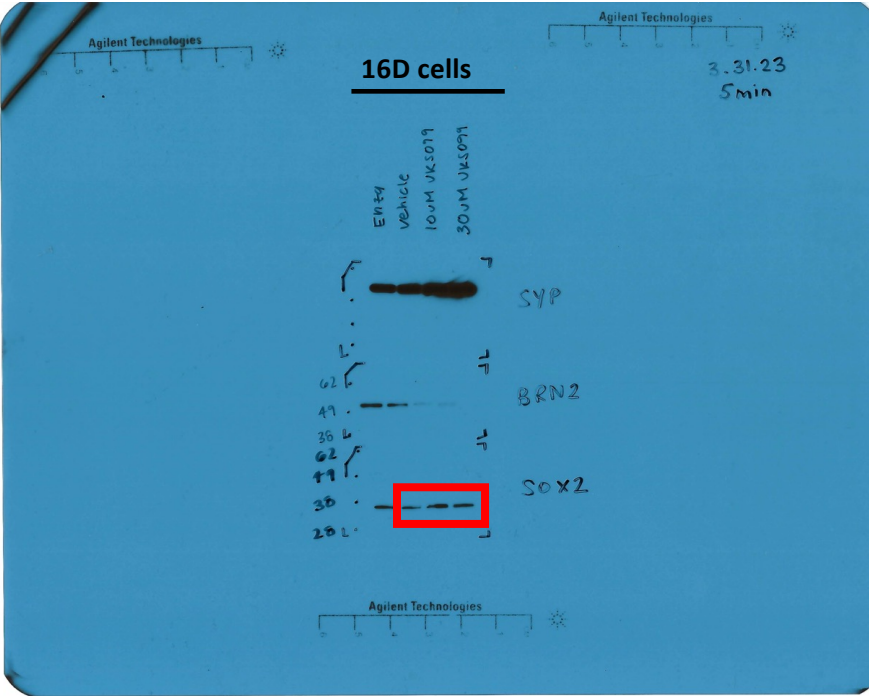
Extended Data Figure 6e

SYP



Extended Data Figure 6e

SOX2



Extended Data Figure 6e

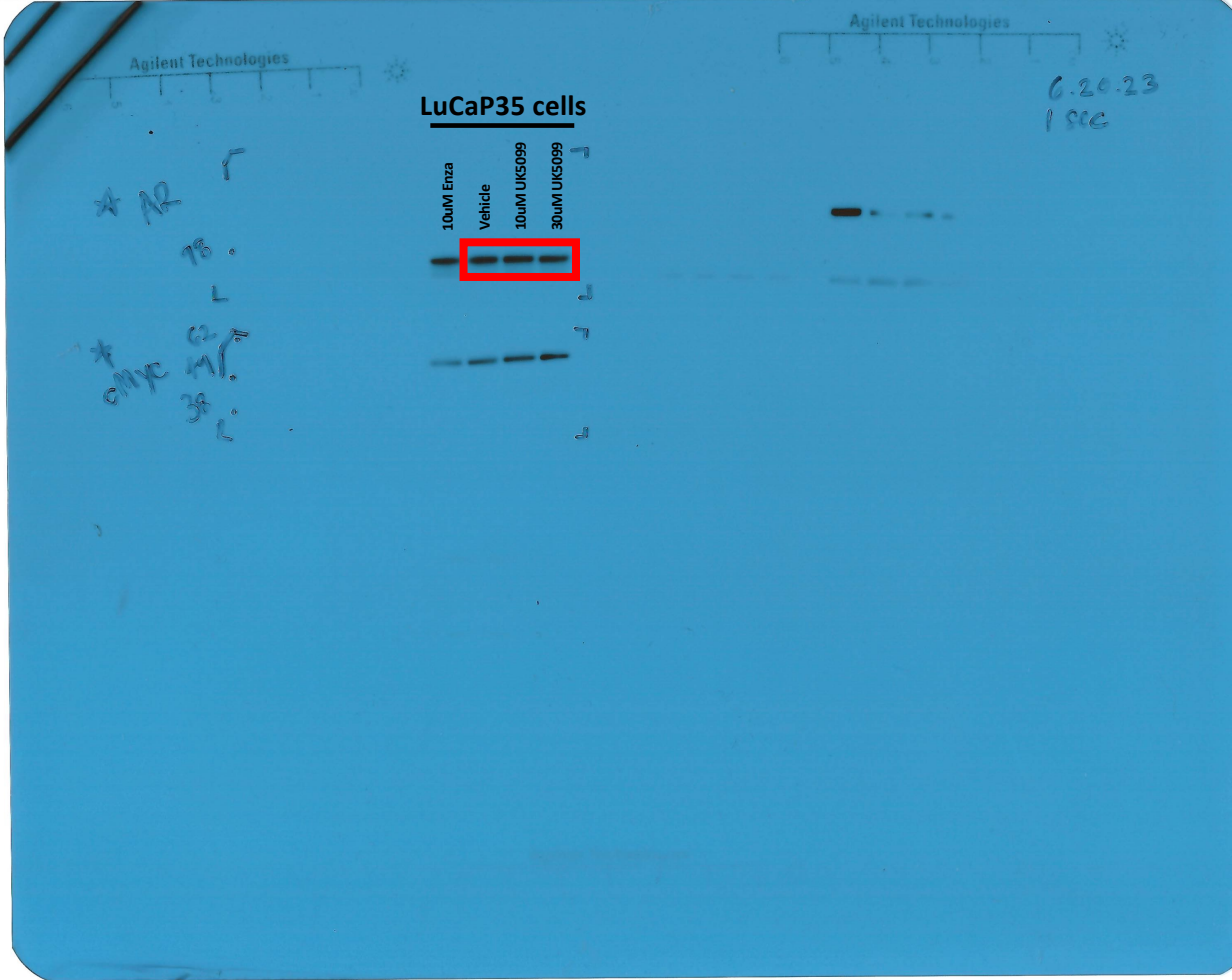
Actin

16D cells

10uM Enza Vehicle 10uM UK5099 30uM UK5099

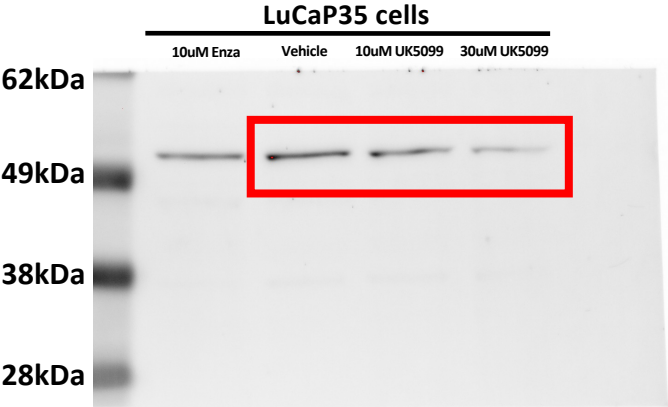


AR

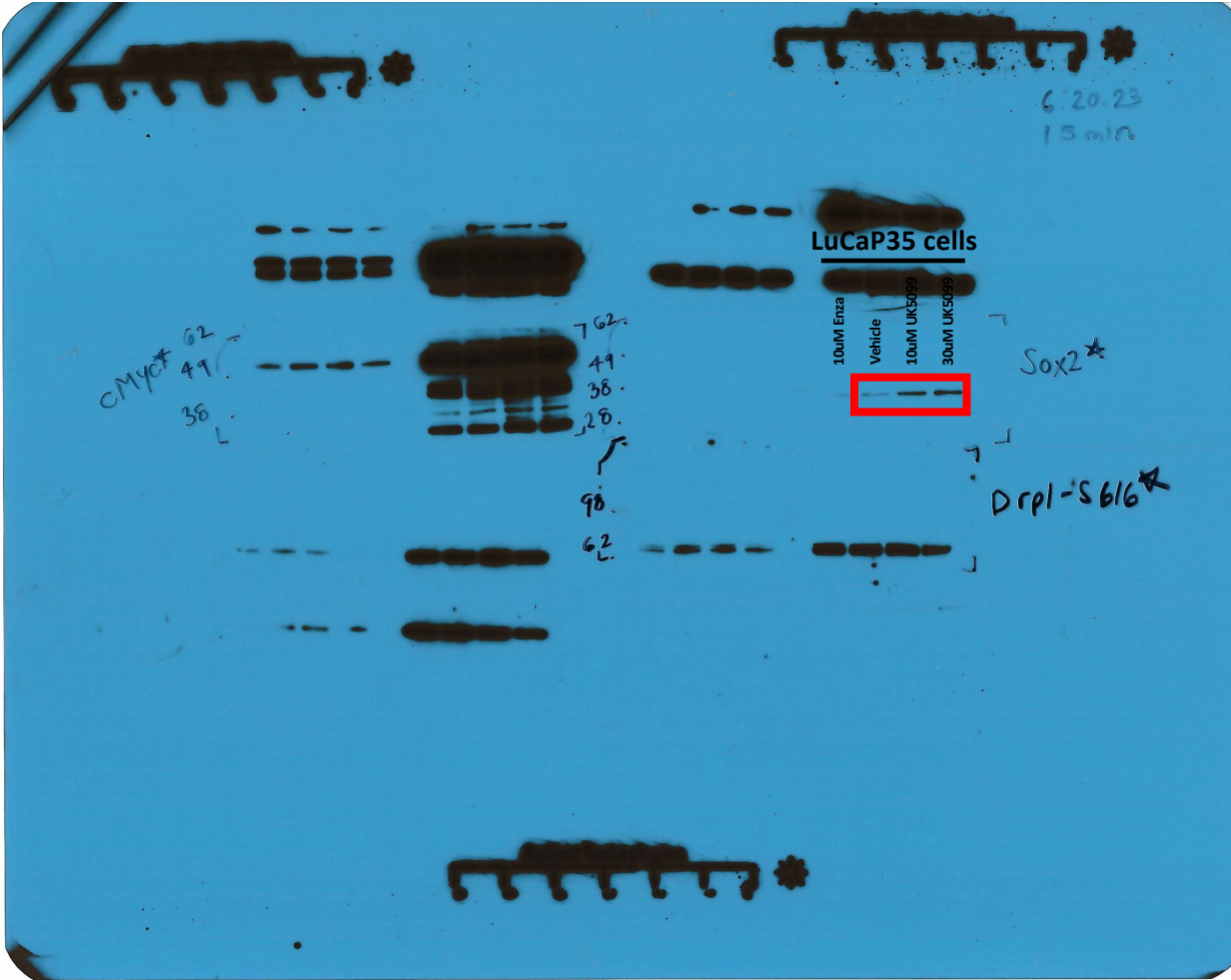


Extended Data Figure 6f

KRT8

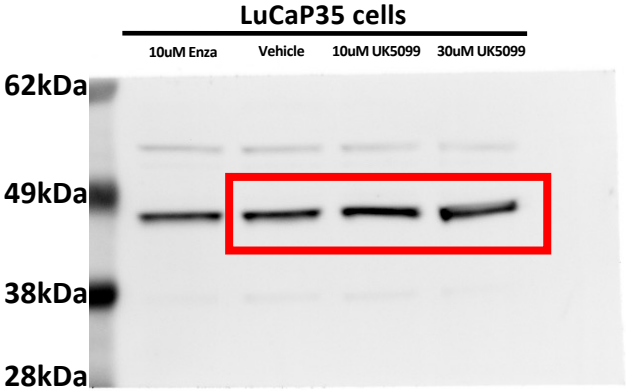


SOX2



Extended Data Figure 6f

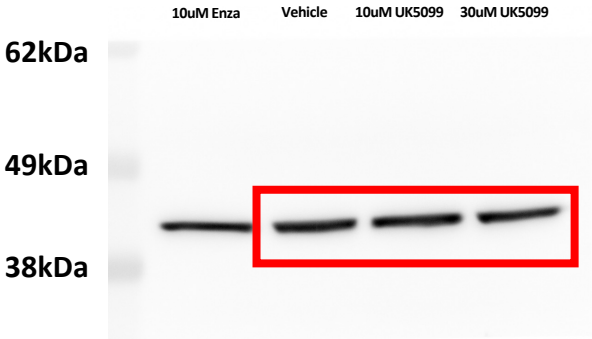
NSE



Extended Data Figure 6f

ACTIN

LuCaP35 cells



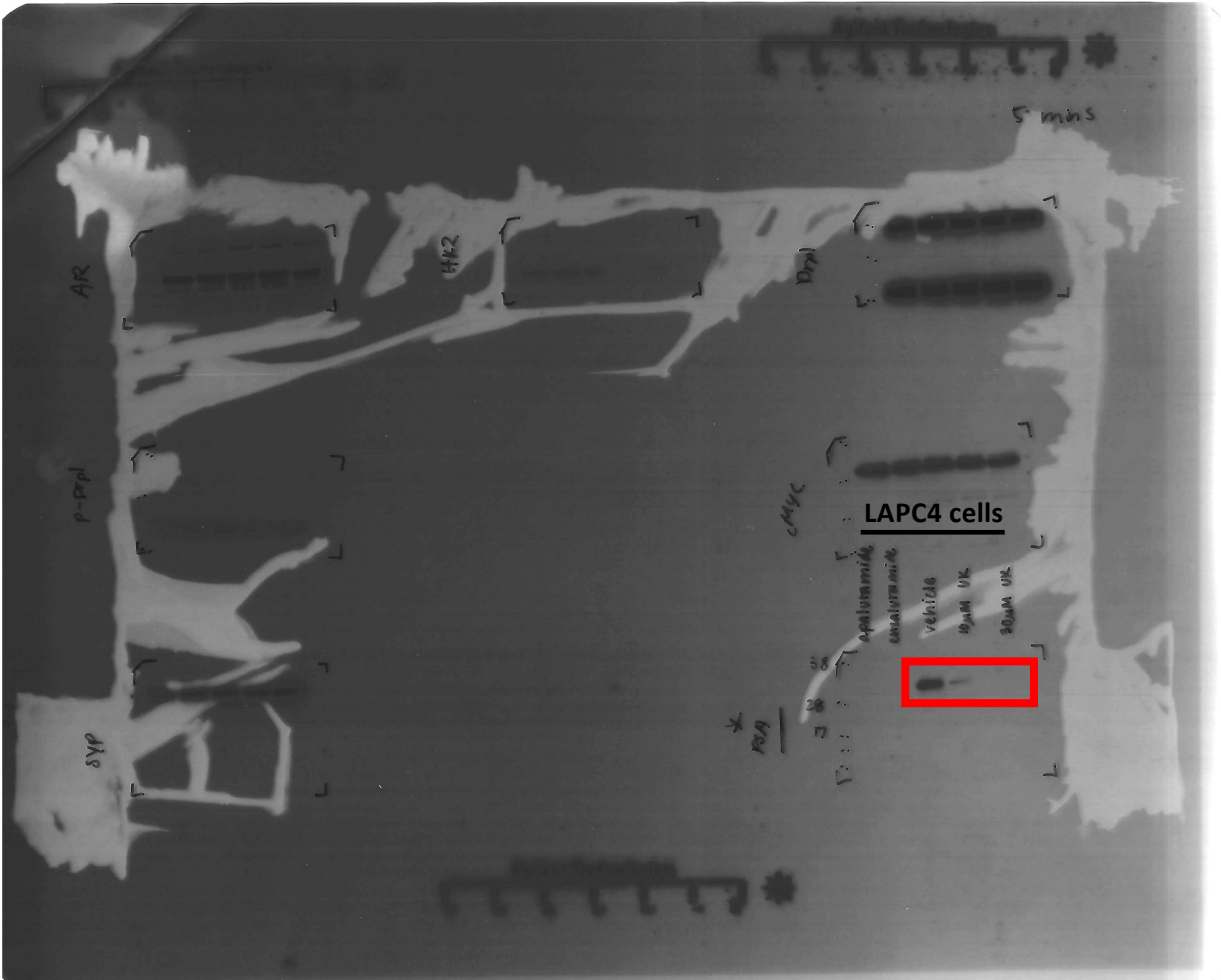
Extended Data Figure 6g

AR



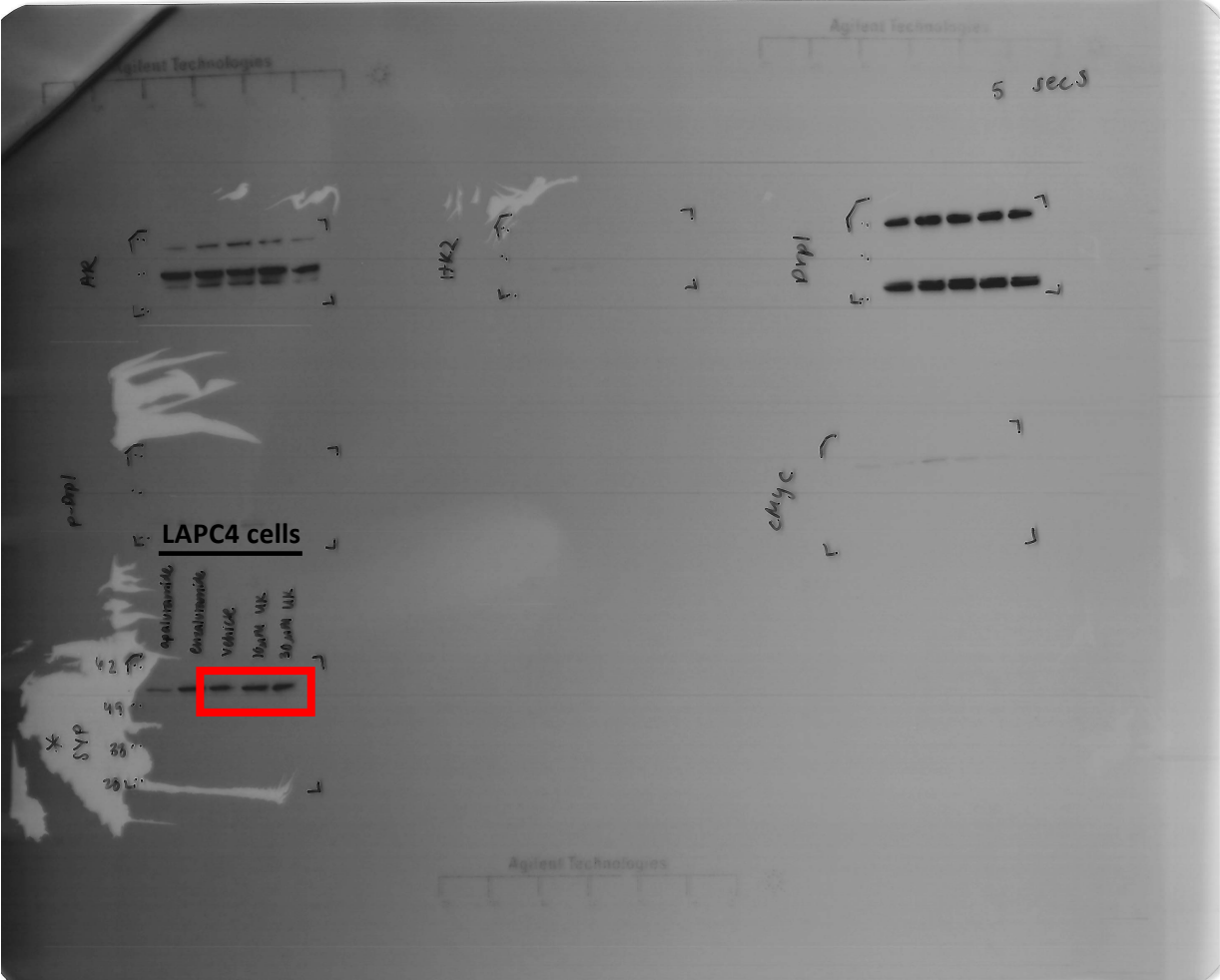
Extended Data Figure 6g

PSA



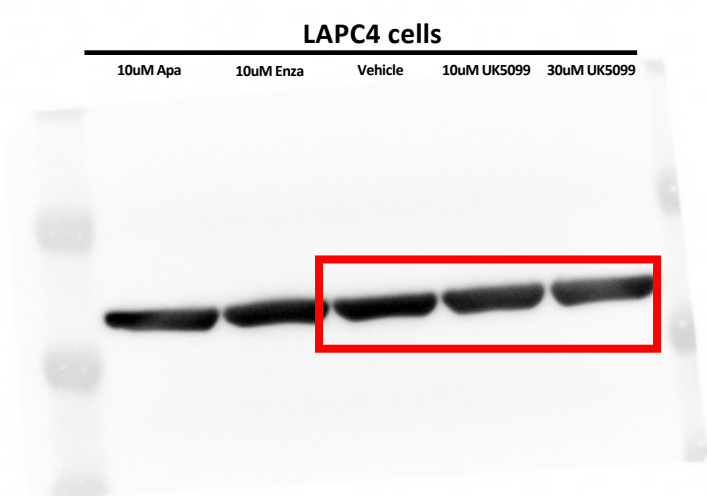
Extended Data Figure 6g

SYP

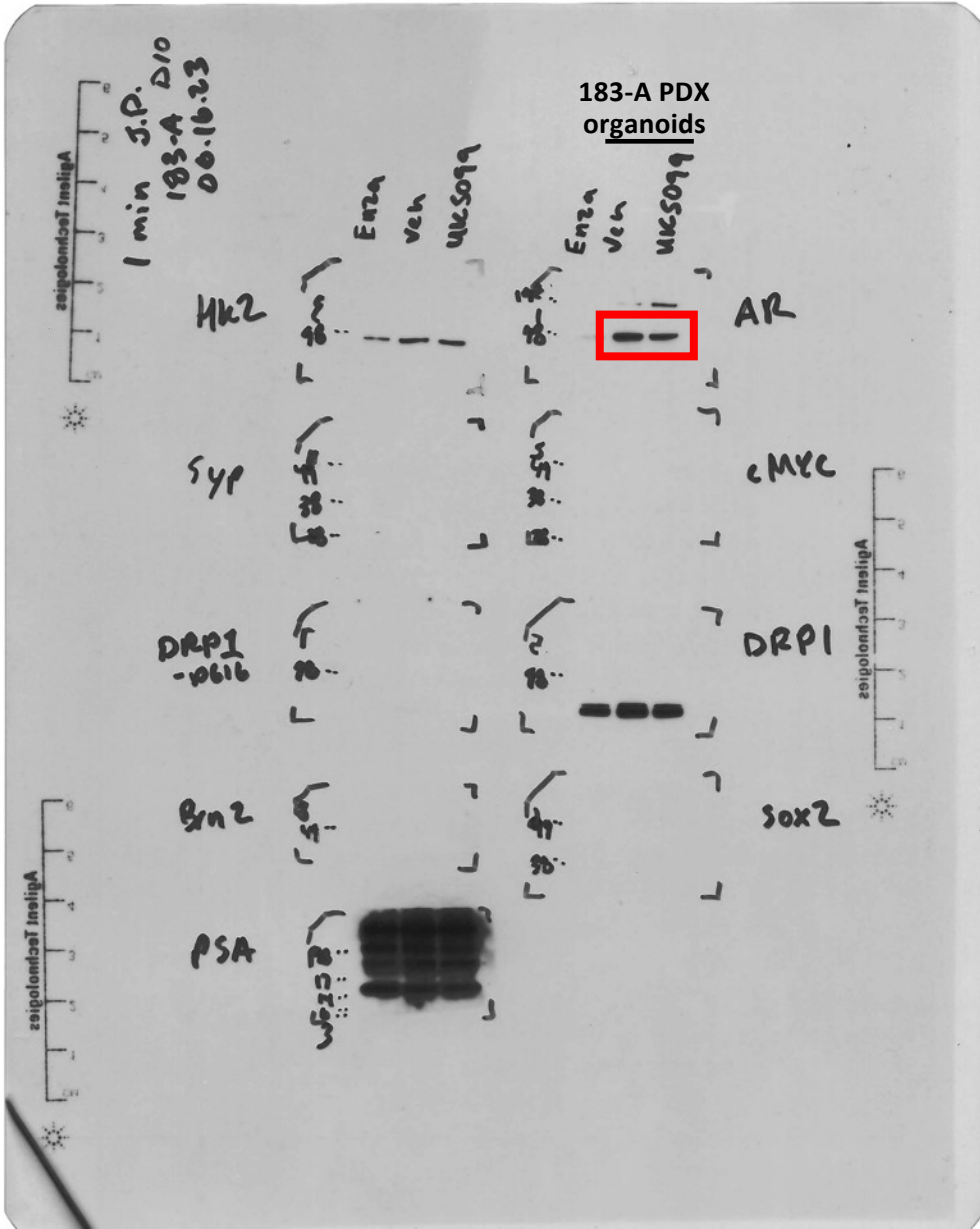


Extended Data Figure 6g

ACTIN

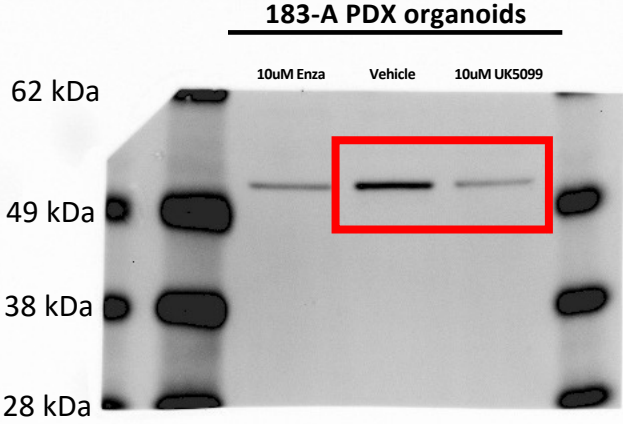


AR



Extended Data Figure 6h

KRT8



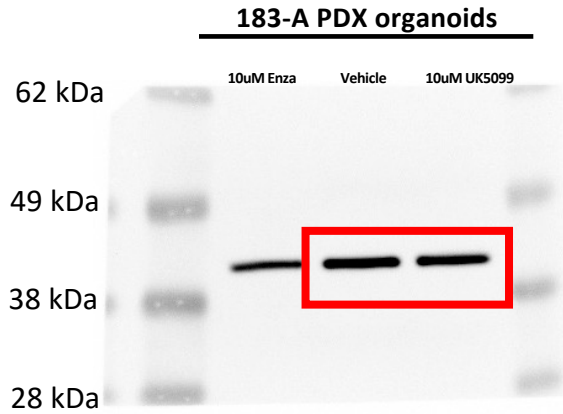
Extended Data Figure 6h

KRT18



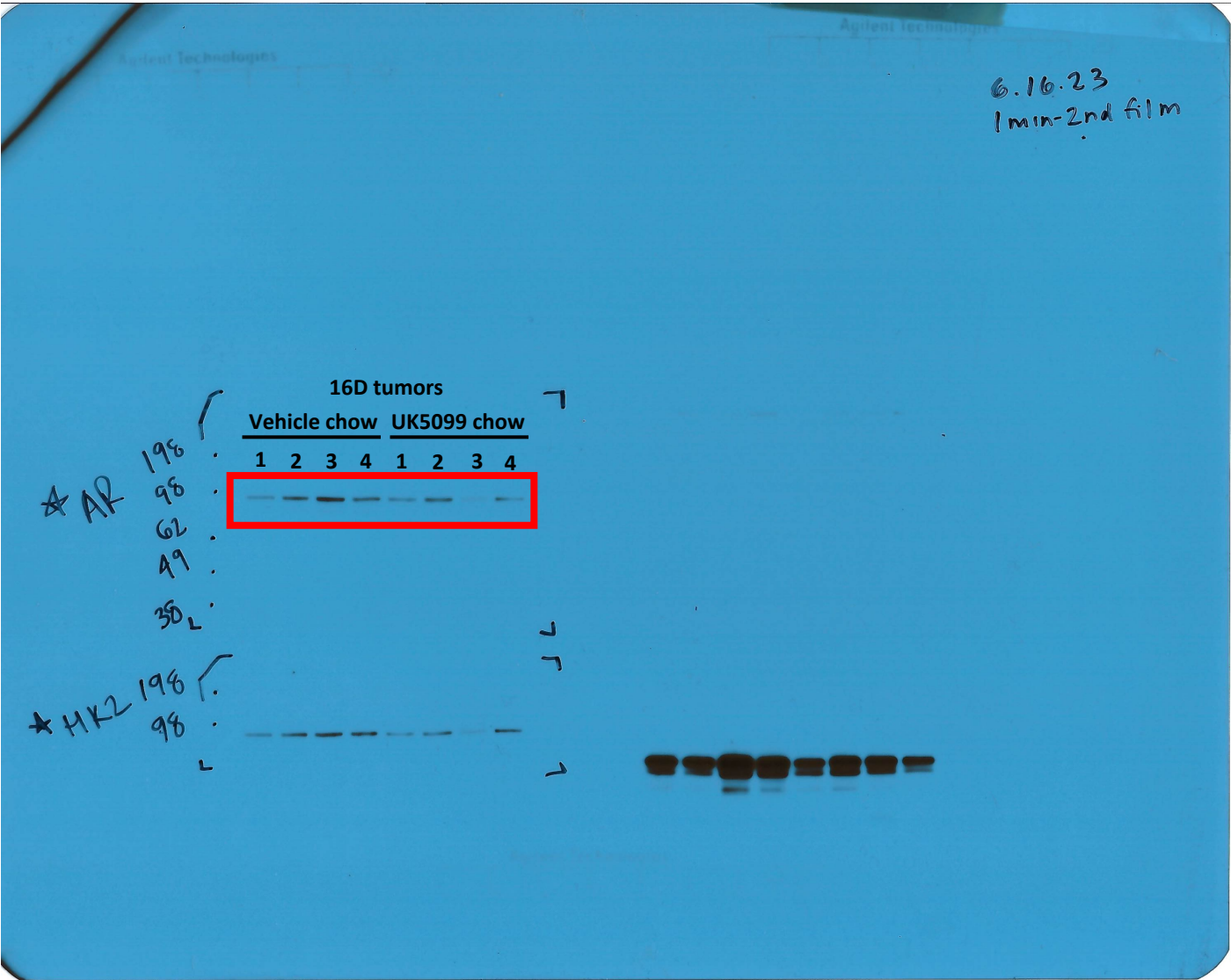
Extended Data Figure 6h

ACTIN



Extended Data Figure 6i

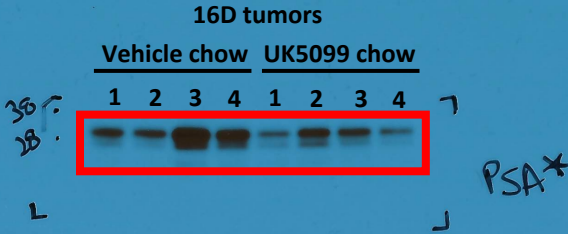
AR



Extended Data Figure 6i

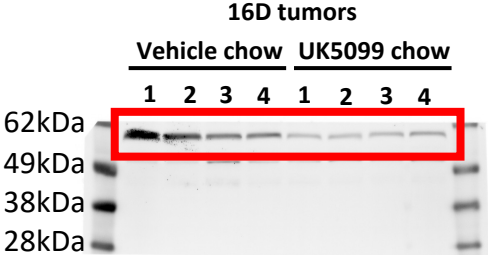
PSA

6.16.23
1min-3rd film



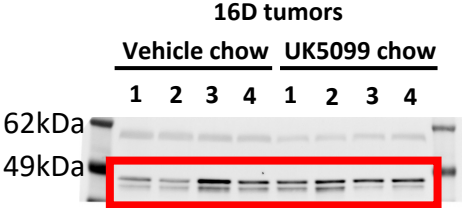
Extended Data Figure 6i

KRT8



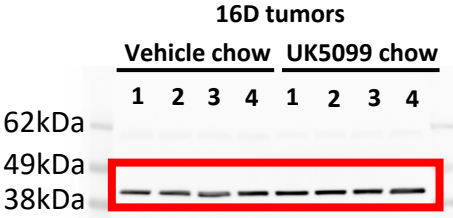
Extended Data Figure 6i

KRT18



Extended Data Figure 6i

ACTIN

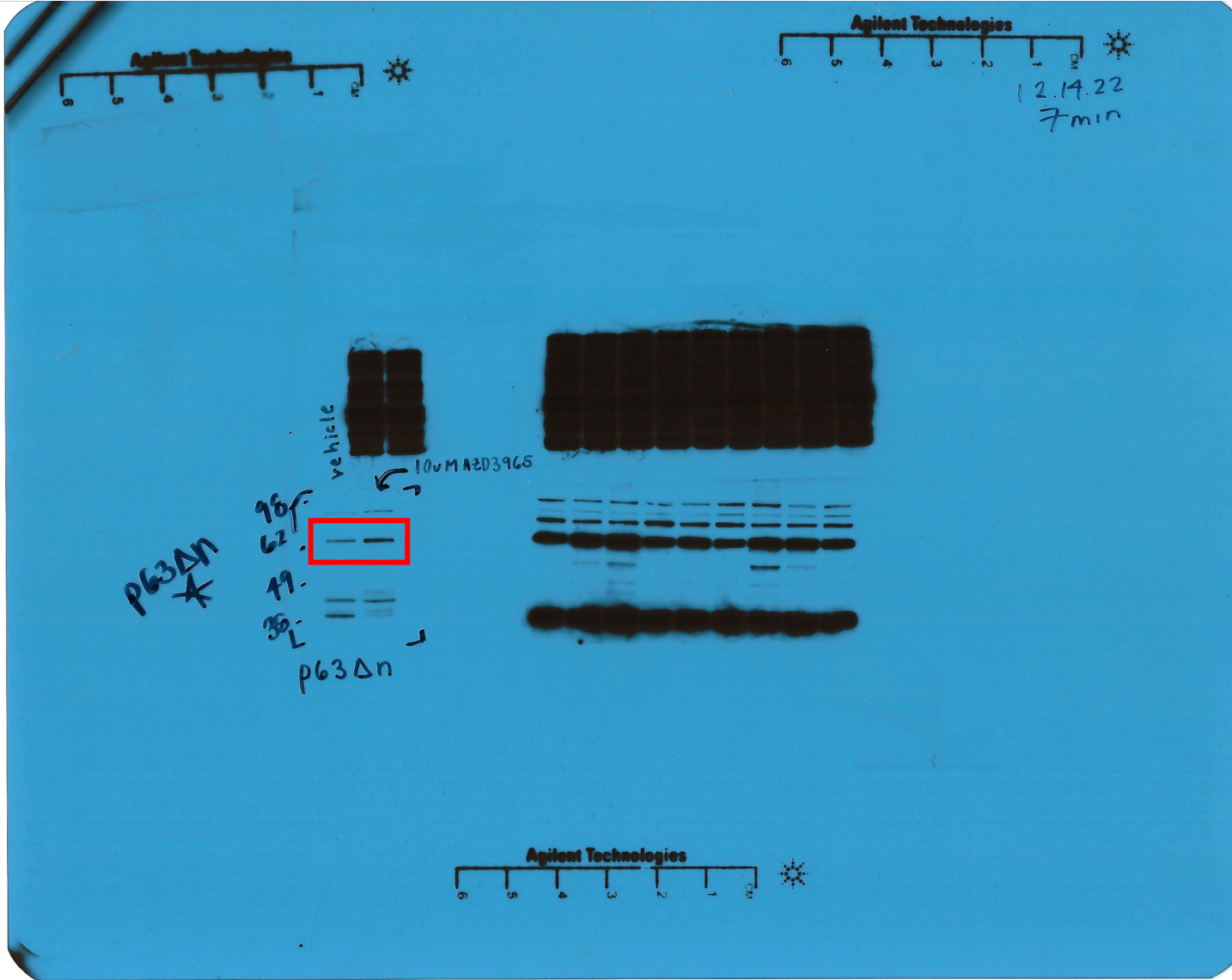


KRT8

12.14.22
1 sec

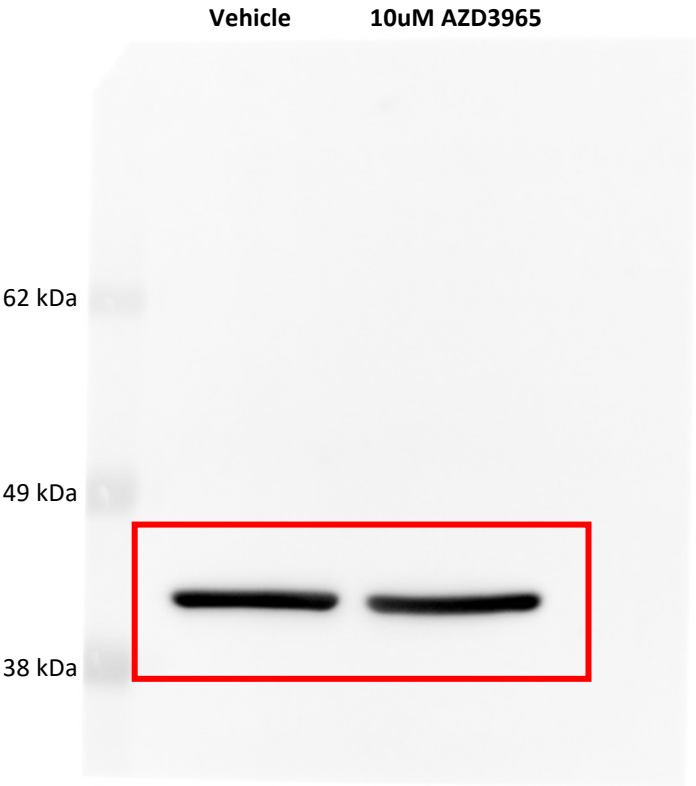


p63



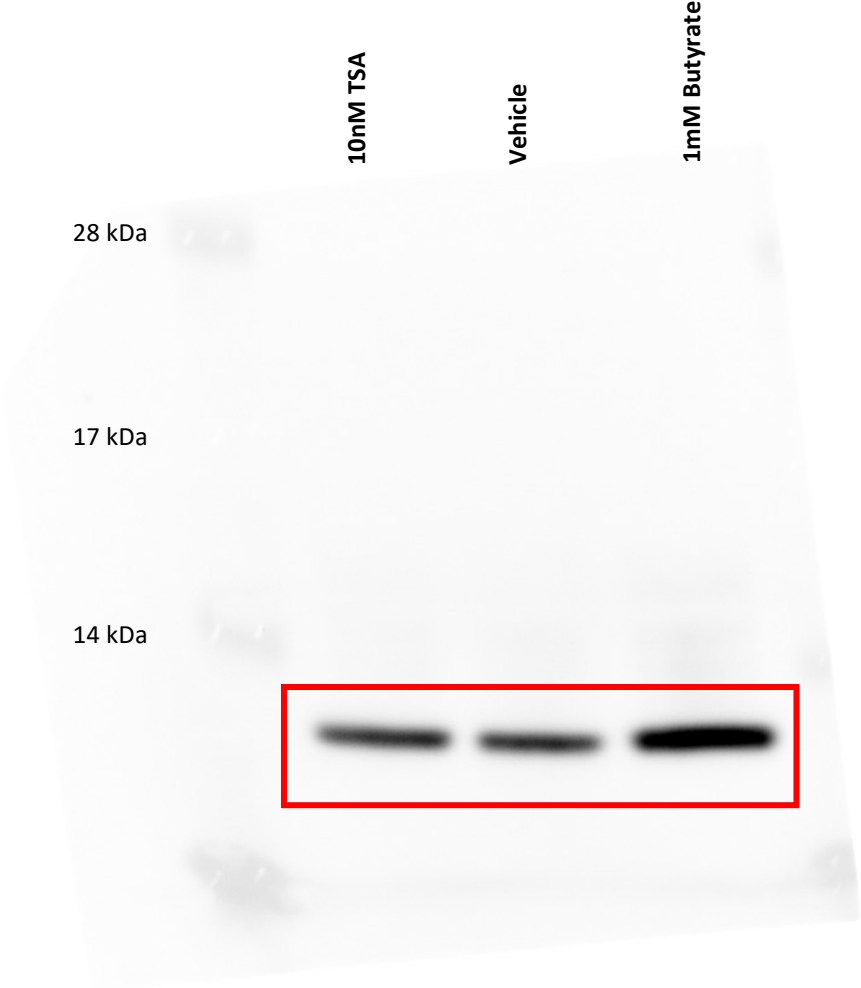
Extended Data Figure 7f

Actin

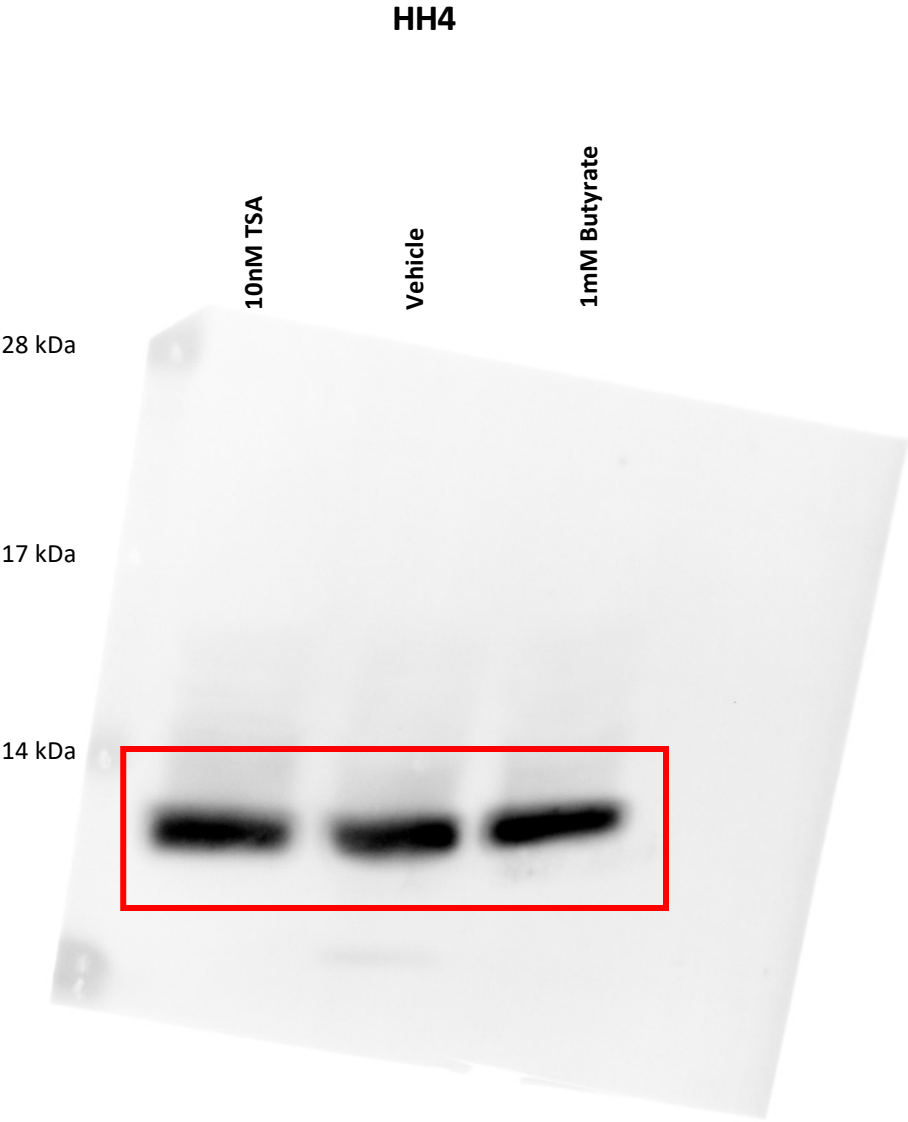


Extended Data Figure 7i

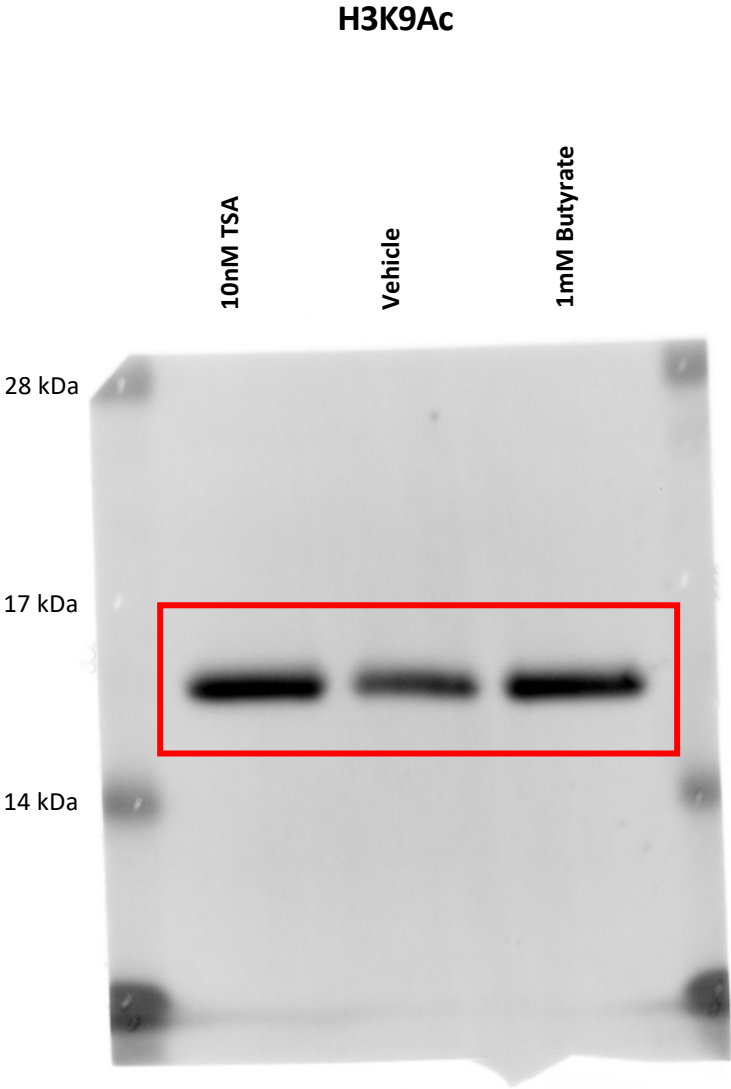
pan-Ac HH4



Extended Data Figure 7i

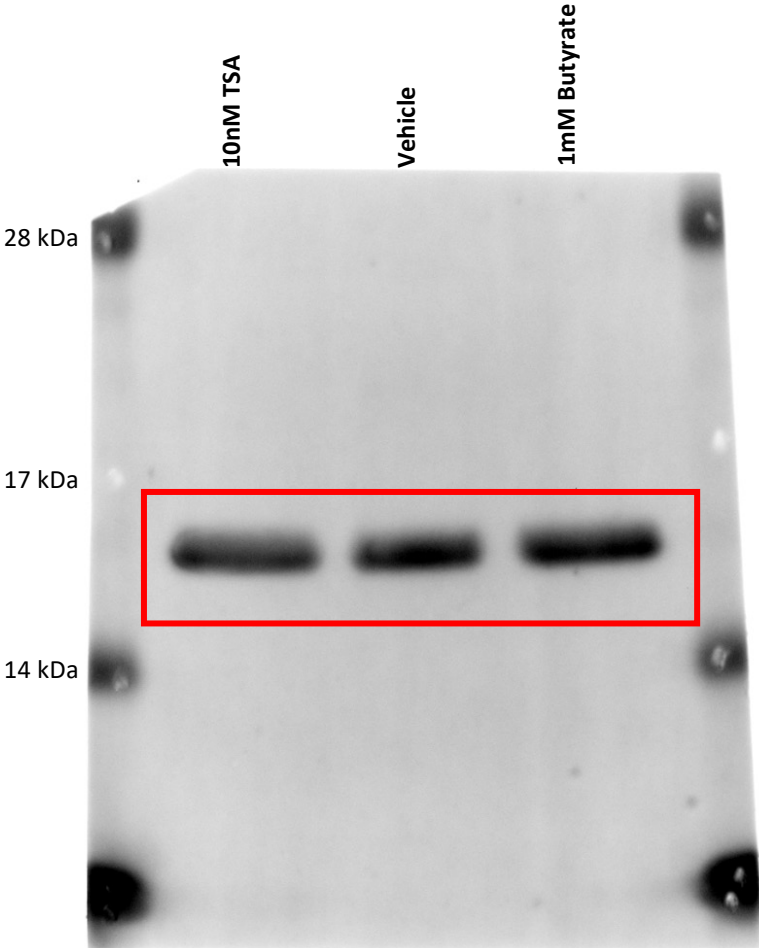


Extended Data Figure 7i



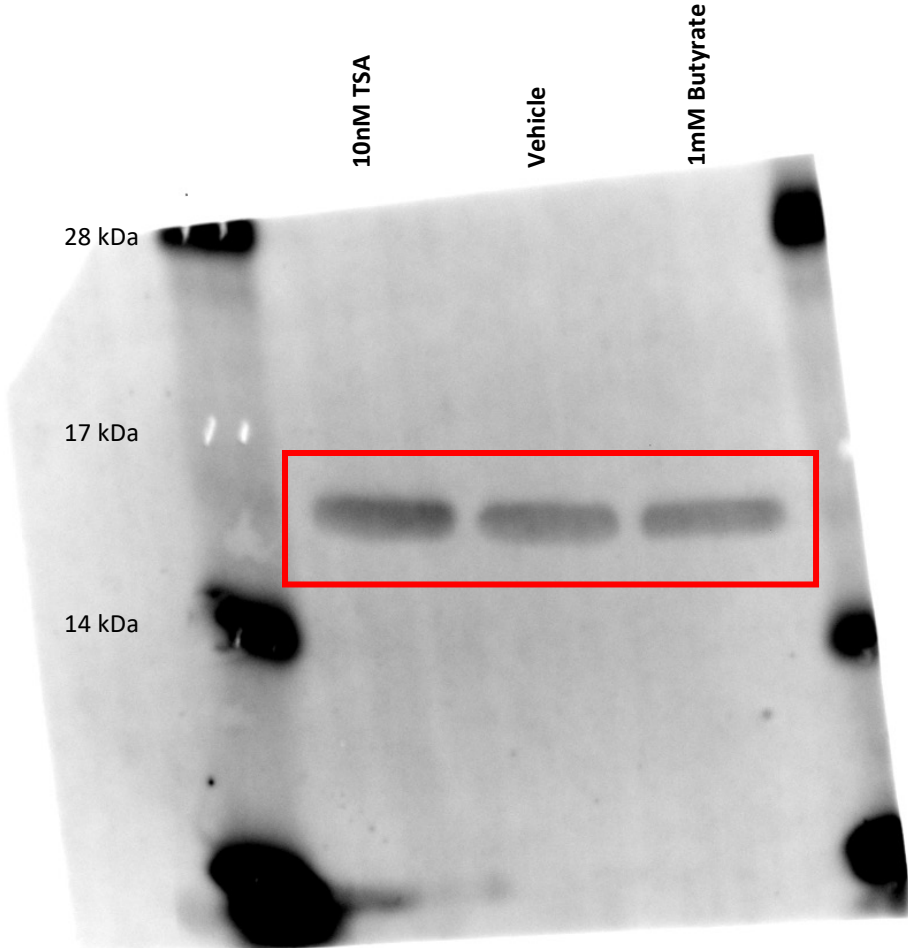
Extended Data Figure 7i

pan-Ac HH3



Extended Data Figure 7i

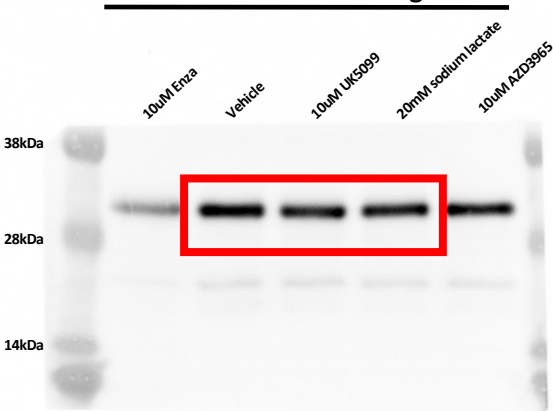
HH3



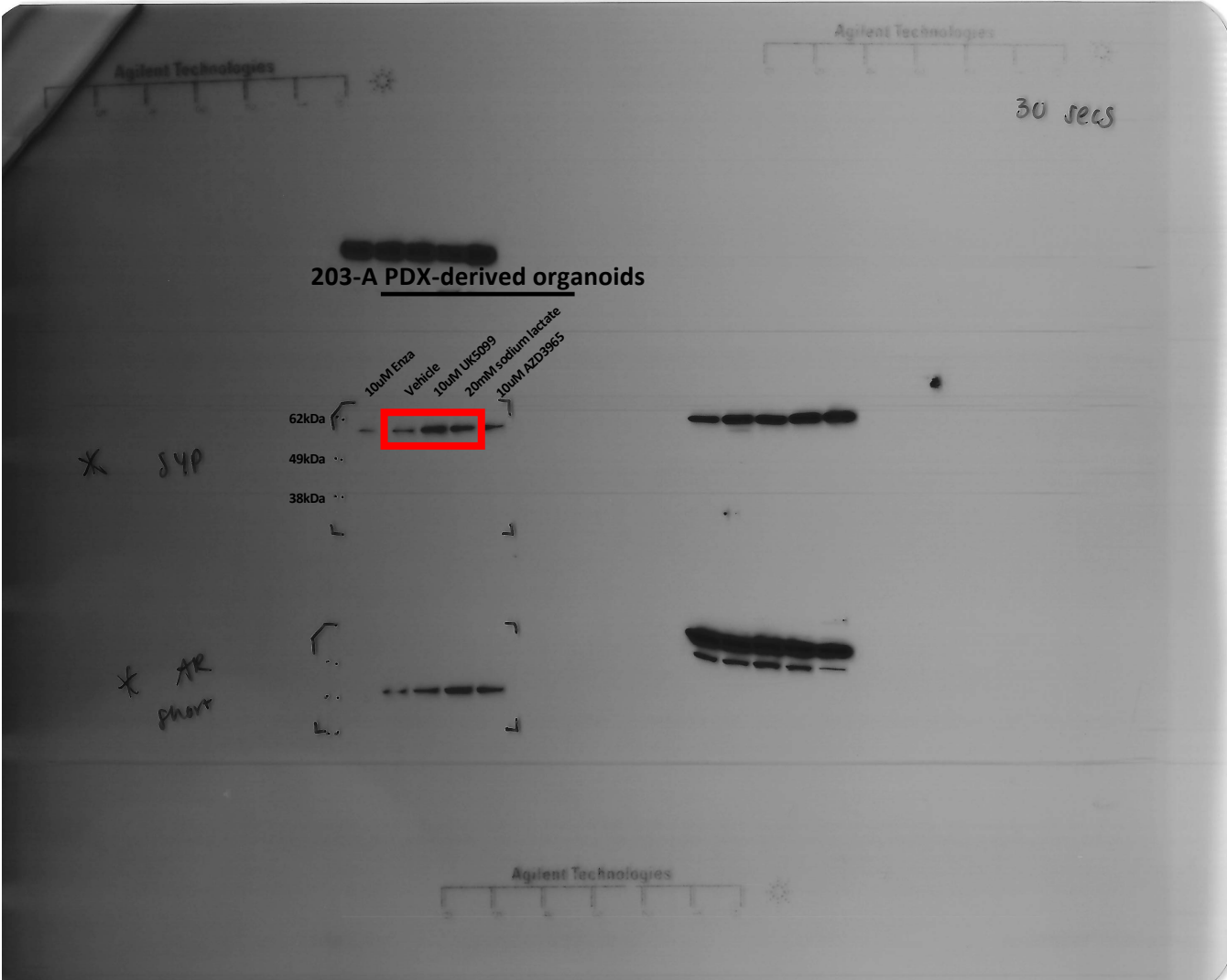
Extended Data Figure 10j

PSA

203-A PDX-derived organoids



SYP



Extended Data Figure 10j

Actin

203-A PDX-derived organoids

