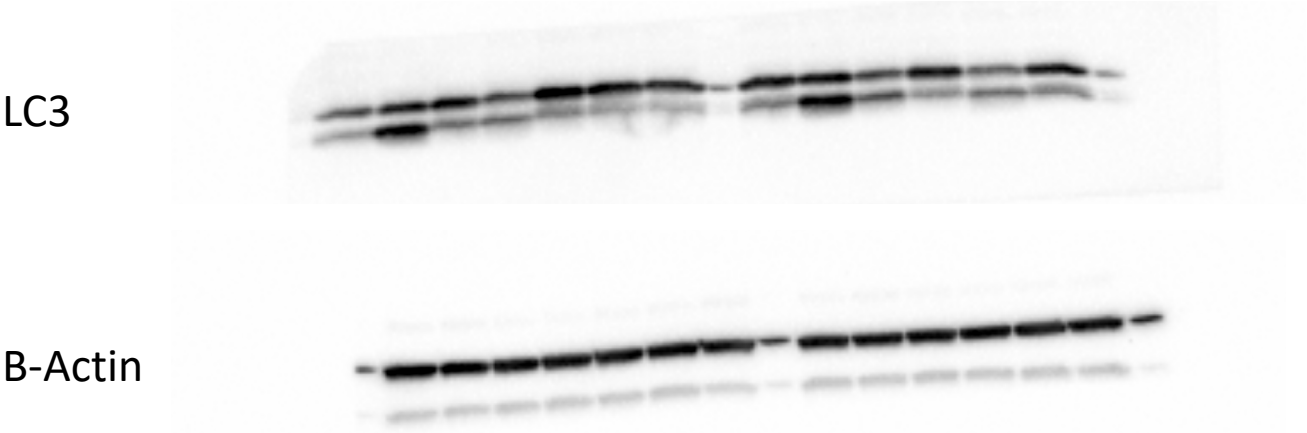


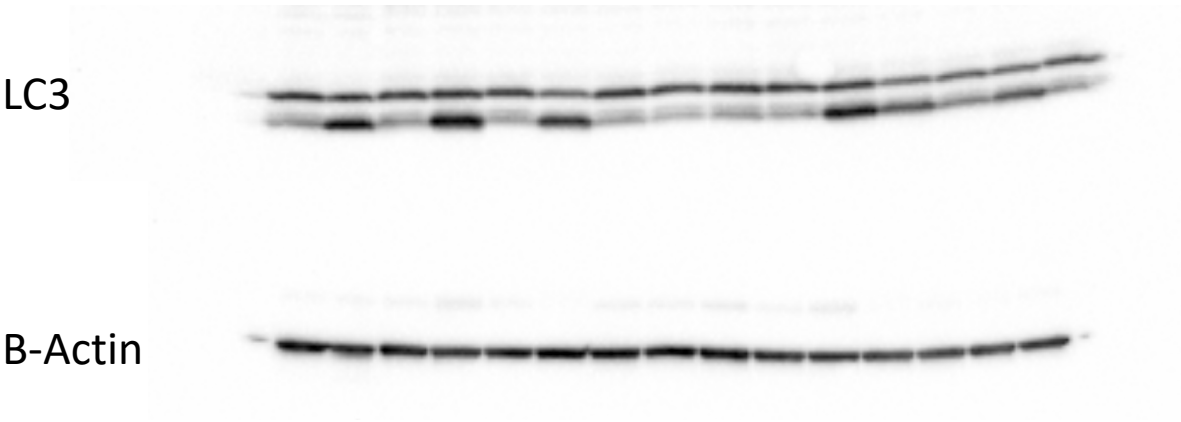
Figure 3H; for control cells



|                        |         |                 |           |          |          |          |                |         |                 |          |                |                |                      |
|------------------------|---------|-----------------|-----------|----------|----------|----------|----------------|---------|-----------------|----------|----------------|----------------|----------------------|
| control cell line blot | 14,4 CM | 14,4 CM + BafA1 | 14,4 HBSS | 14,4 AKG | 14,4 BIC | 14,4 CYS | 14,4 BIC + CYS | 14,4 CM | 14,4 CM + BafA1 | 14,4 AKG | 14,4 AKG + BIC | 14,4 AKG + CYS | 14,4 AKG + BIC + CYS |
|------------------------|---------|-----------------|-----------|----------|----------|----------|----------------|---------|-----------------|----------|----------------|----------------|----------------------|

CM= Fed condition  
HBSS= Starvation  
AKG= Alpha ketoglutarate  
BIC= Bicalutamide  
Cys= Cysteamine

Figure 3H; for CTNS<sup>-/-</sup> cells



|                              |         |                 |      |              |        |       |       |       |             |      |              |       |             |             |                   |
|------------------------------|---------|-----------------|------|--------------|--------|-------|-------|-------|-------------|------|--------------|-------|-------------|-------------|-------------------|
| CTNS <sup>-/-</sup> (3) blot | 14,4 CM | 14,4 CM + BafA1 | 3 CM | 3 CM + BafA1 | 3 HBSS | 3 AKG | 3 BIC | 3 CYS | 3 BIC + CYS | 3 CM | 3 CM + BafA1 | 3 AKG | 3 AKG + BIC | 3 AKG + CYS | 3 AKG + BIC + CYS |
|------------------------------|---------|-----------------|------|--------------|--------|-------|-------|-------|-------------|------|--------------|-------|-------------|-------------|-------------------|

CM= Fed condition  
HBSS= Starvation  
AKG= Alpha ketoglutarate  
BIC= Bicalutamide  
Cys= Cysteamine

Figure 3H; for CTNS<sup>Patient</sup> cells

LC3

B-Actin

|                                     |         |                 |         |                 |           |          |          |          |                |         |                 |          |                |                |                      |
|-------------------------------------|---------|-----------------|---------|-----------------|-----------|----------|----------|----------|----------------|---------|-----------------|----------|----------------|----------------|----------------------|
| CTNS <sup>Patient</sup> (46,2) blot | 14,4 CM | 14,4 CM + BafA1 | 46,2 CM | 46,2 CM + BafA1 | 46,2 HBSS | 46,2 AKG | 46,2 BIC | 46,2 CYS | 46,2 BIC + CYS | 46,2 CM | 46,2 CM + BafA1 | 46,2 AKG | 46,2 AKG + BIC | 46,2 AKG + CYS | 46,2 AKG + BIC + CYS |
|-------------------------------------|---------|-----------------|---------|-----------------|-----------|----------|----------|----------|----------------|---------|-----------------|----------|----------------|----------------|----------------------|

CM= Fed condition  
HBSS= Starvation  
AKG= Alpha ketoglutarate  
BIC= Bicalutamide  
Cys= Cysteamine