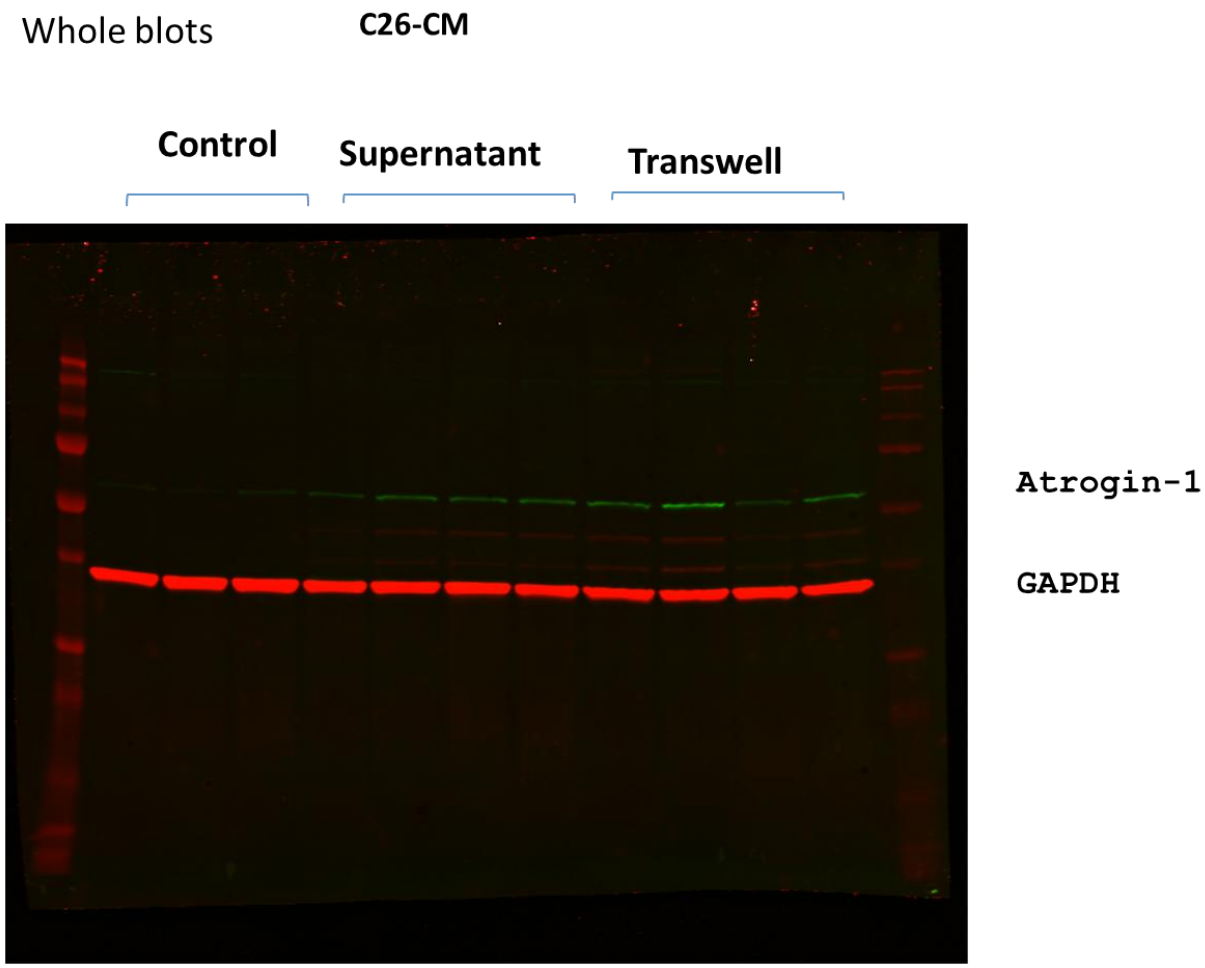
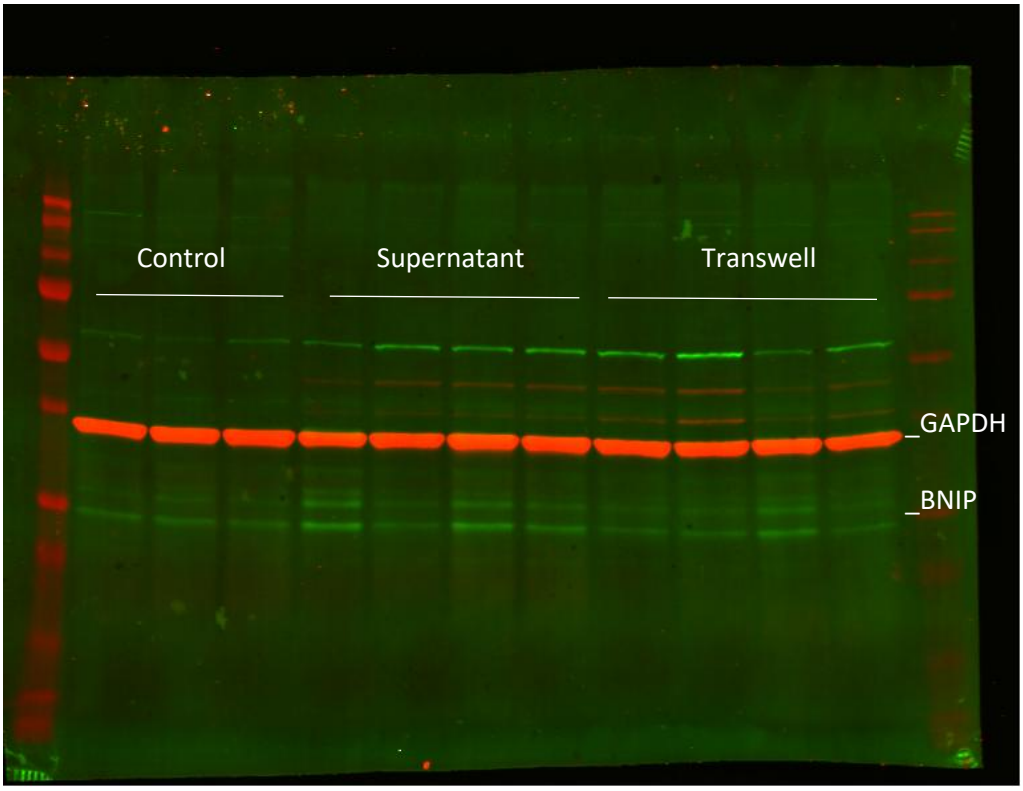
Whole blots

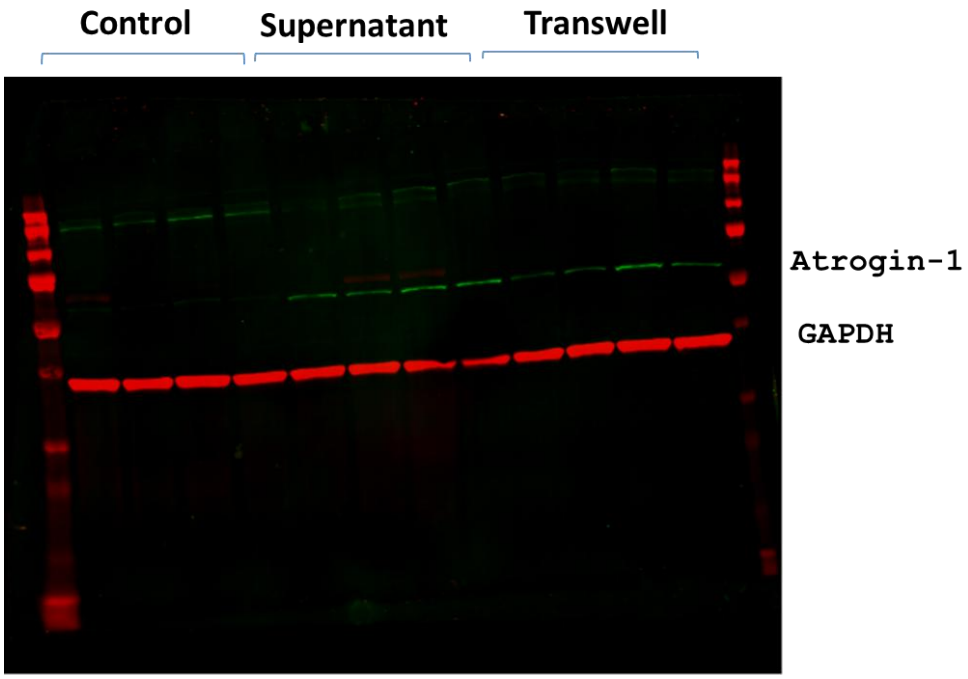
Full unedited gel for Figure 4



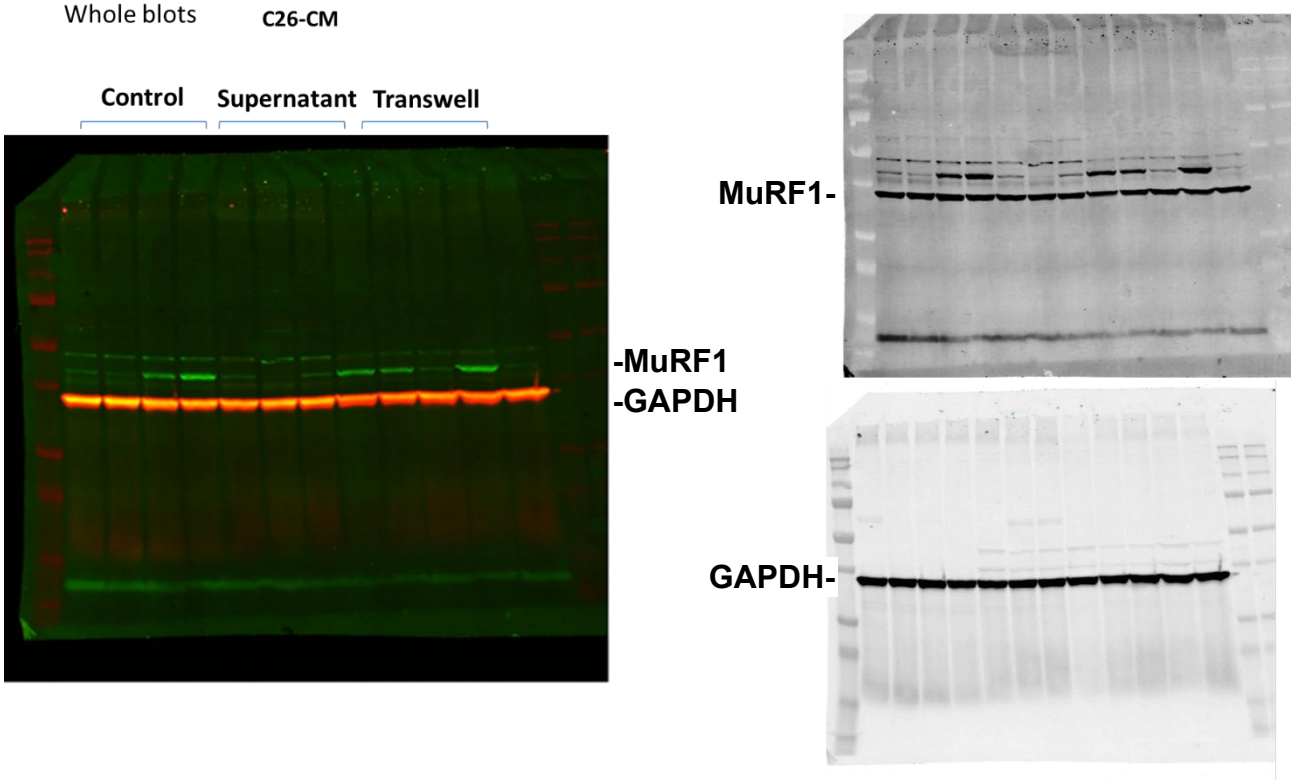
Same blot re-stained for BNIP3 – Full unedited blot Figure S5



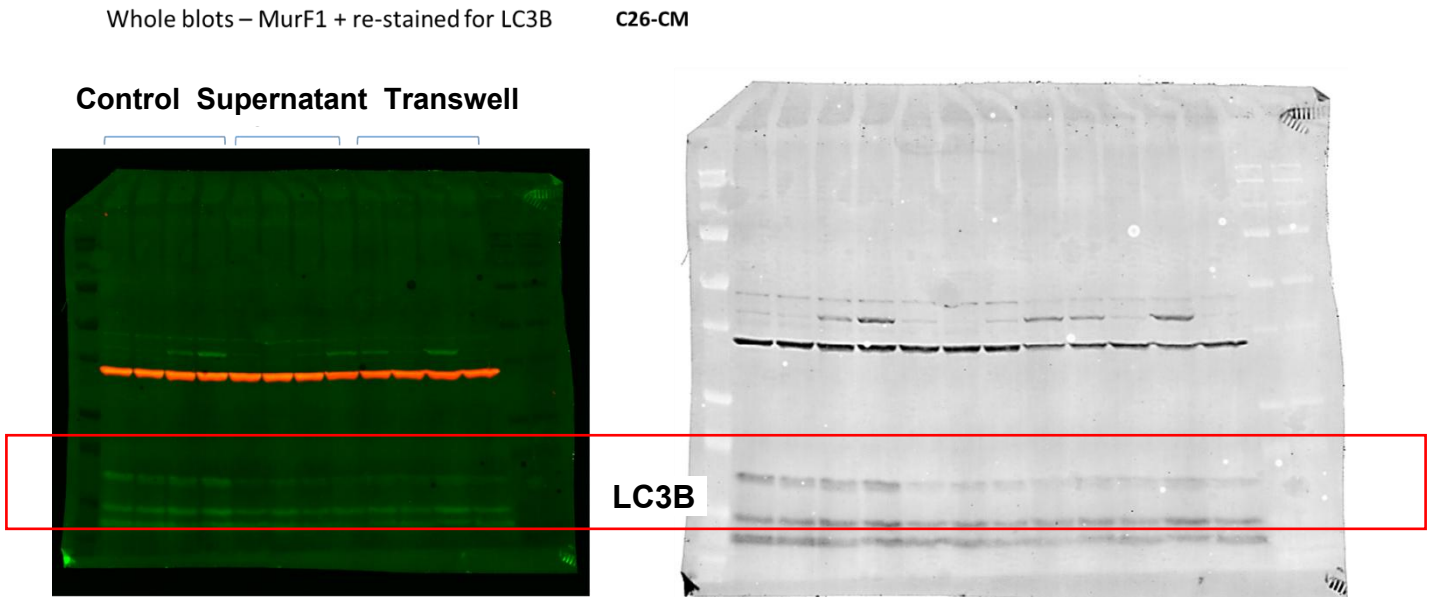
Full unedited gel for Figure 4 – quantification only



Full unedited gel for Figure 4

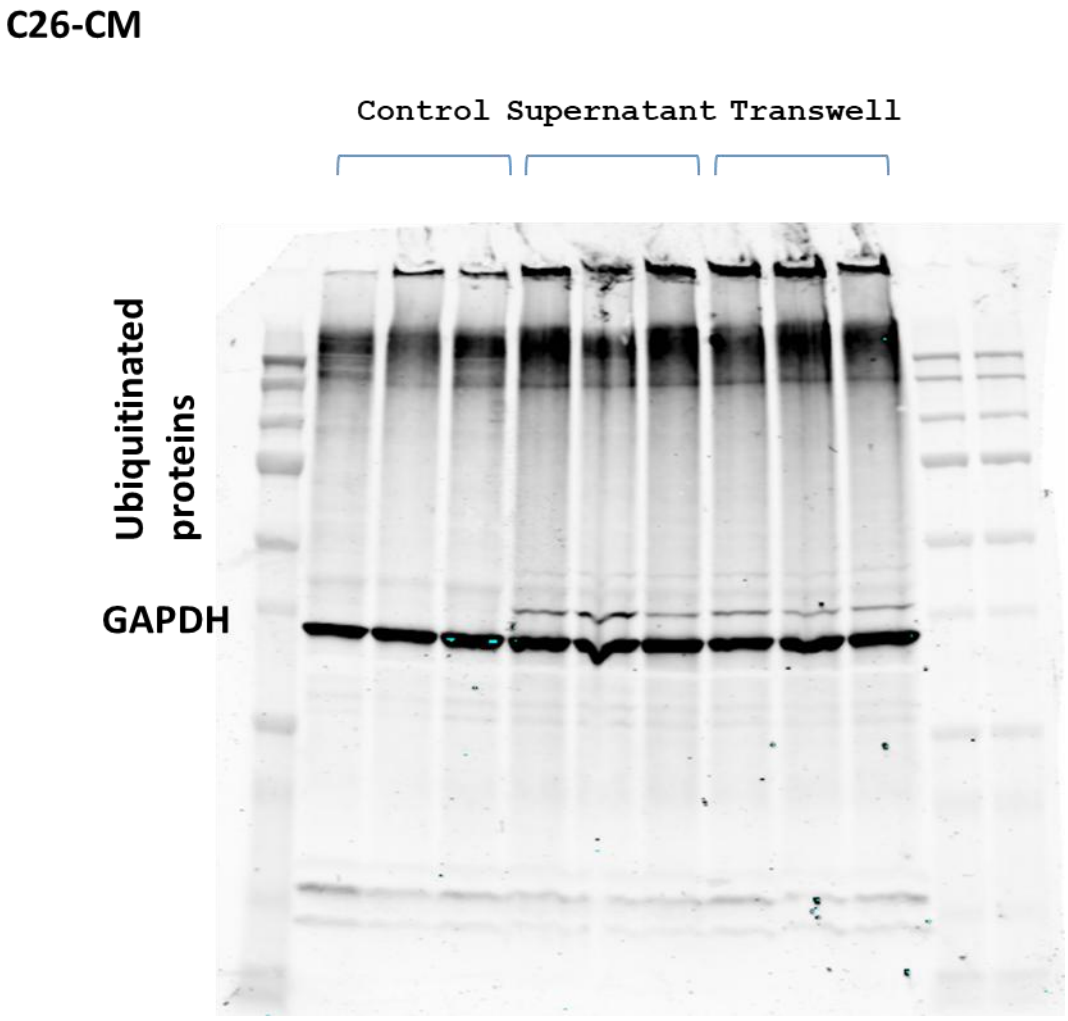


Full unedited gel for Figure 4

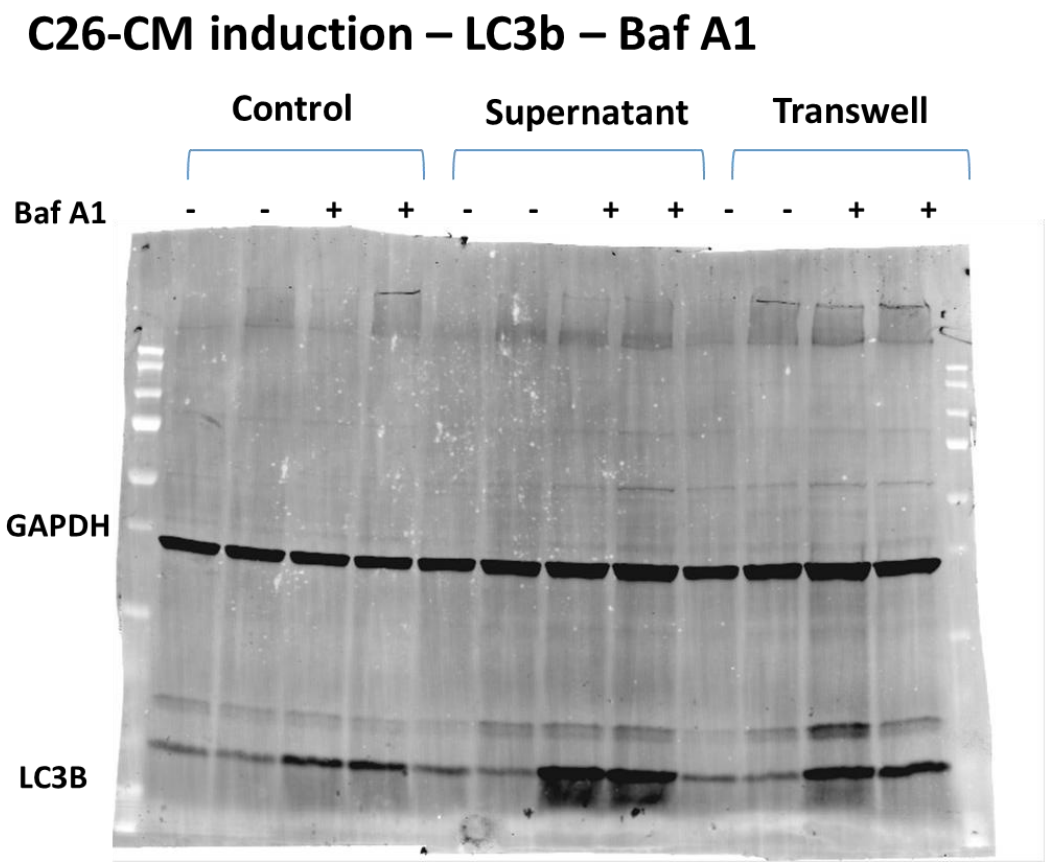


LC3B stain on the same previous blot that show MuRF1 and GAPDH.

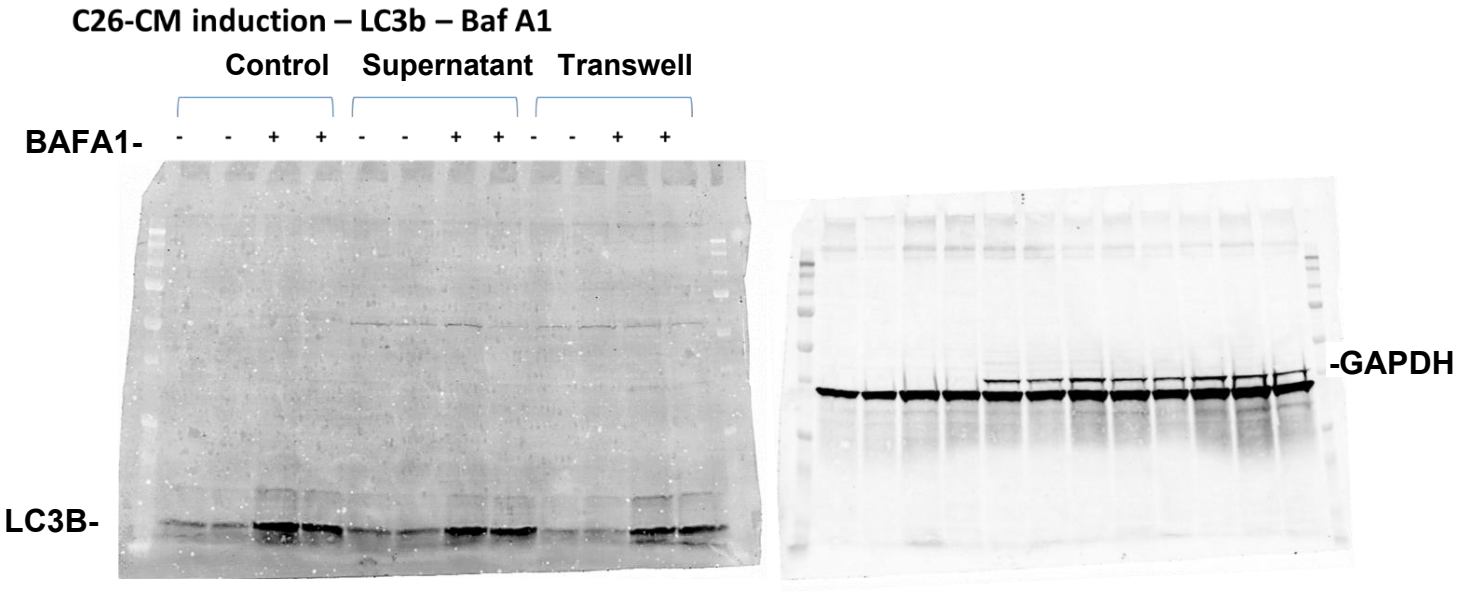
Full unedited gel for Figure 4



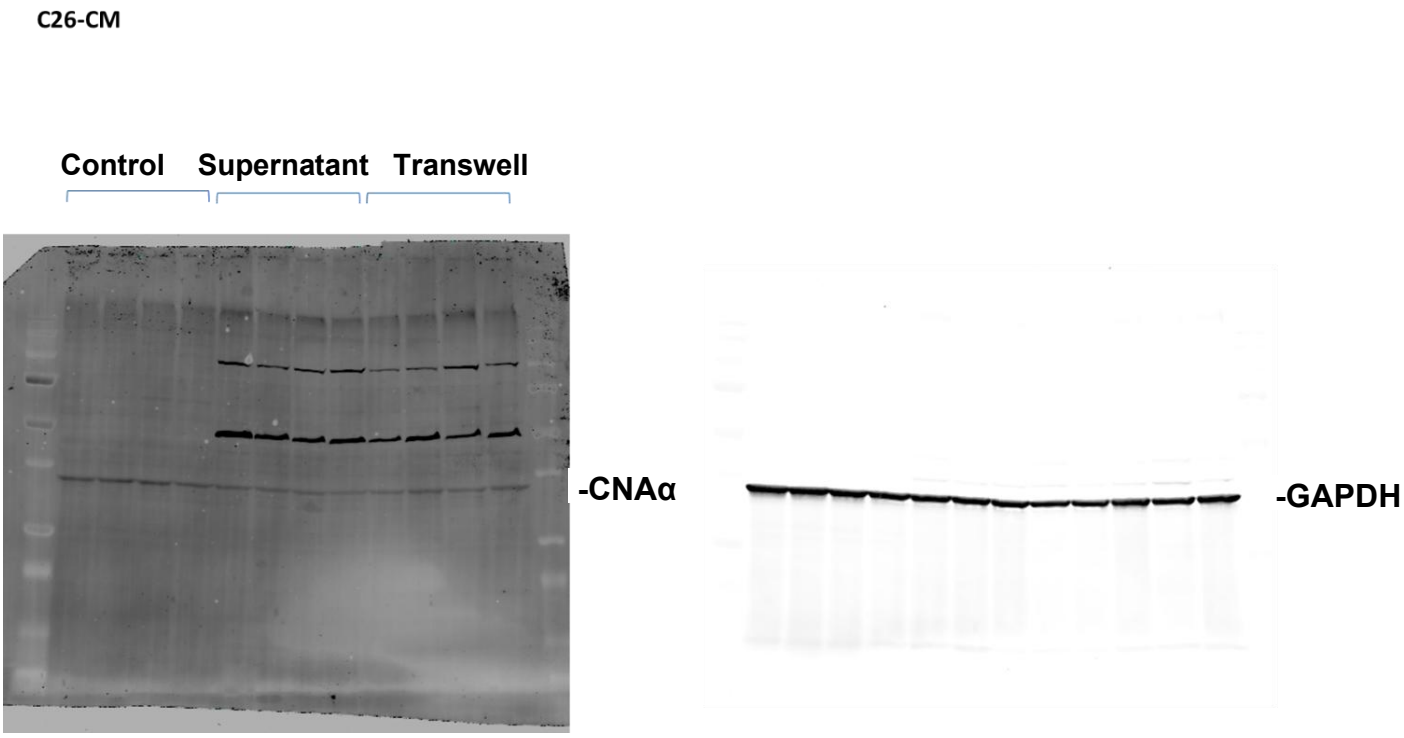
Full unedited gel for Figure 4



Full unedited gel for Figure 4 – quantification only



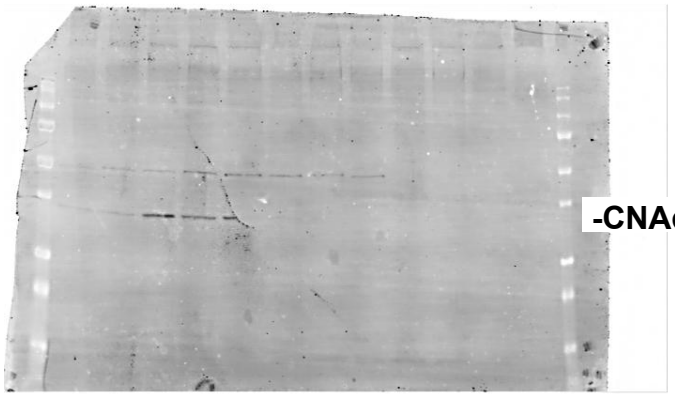
Full unedited gel for Figure 5



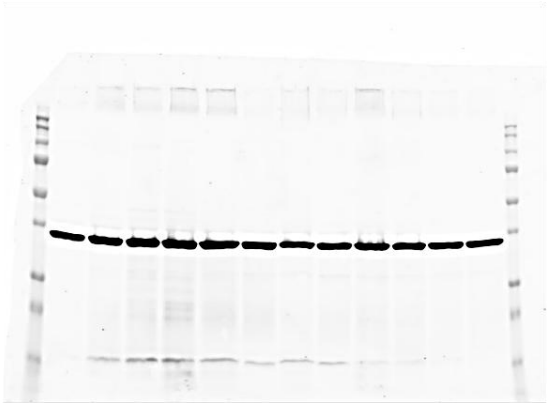
Full unedited gel for Figure 5 – quantification only

C26-CM

Control Supernatant Transwell



-CNAα

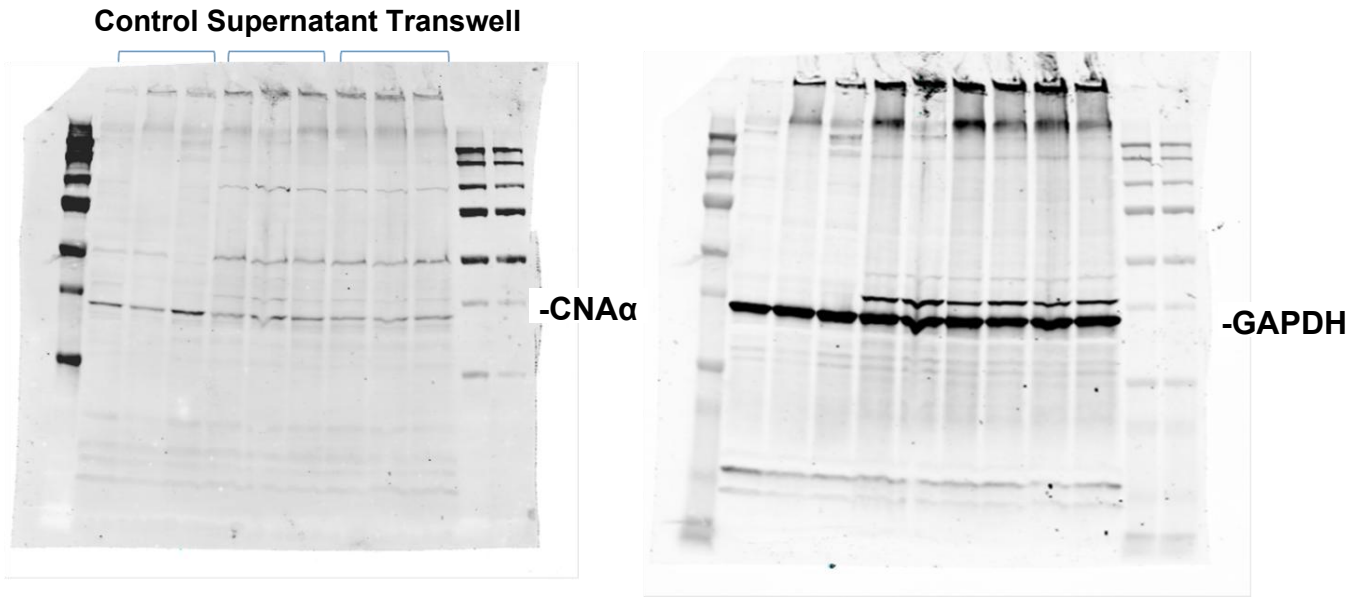


-GAPDH

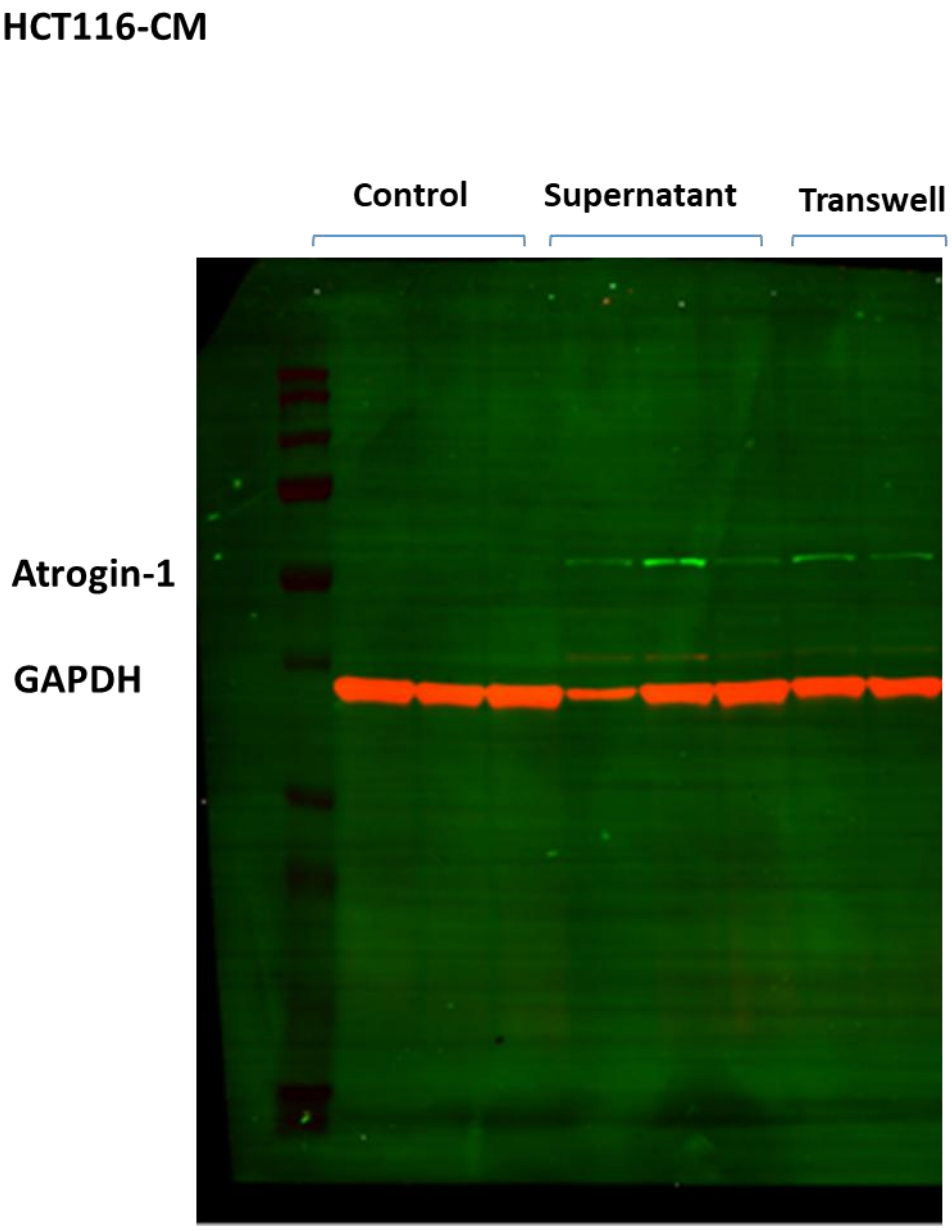
Full unedited gel for Figure 5 – quantification only

Same blot was restained for ubiquitination Fig 4E

C26-CM

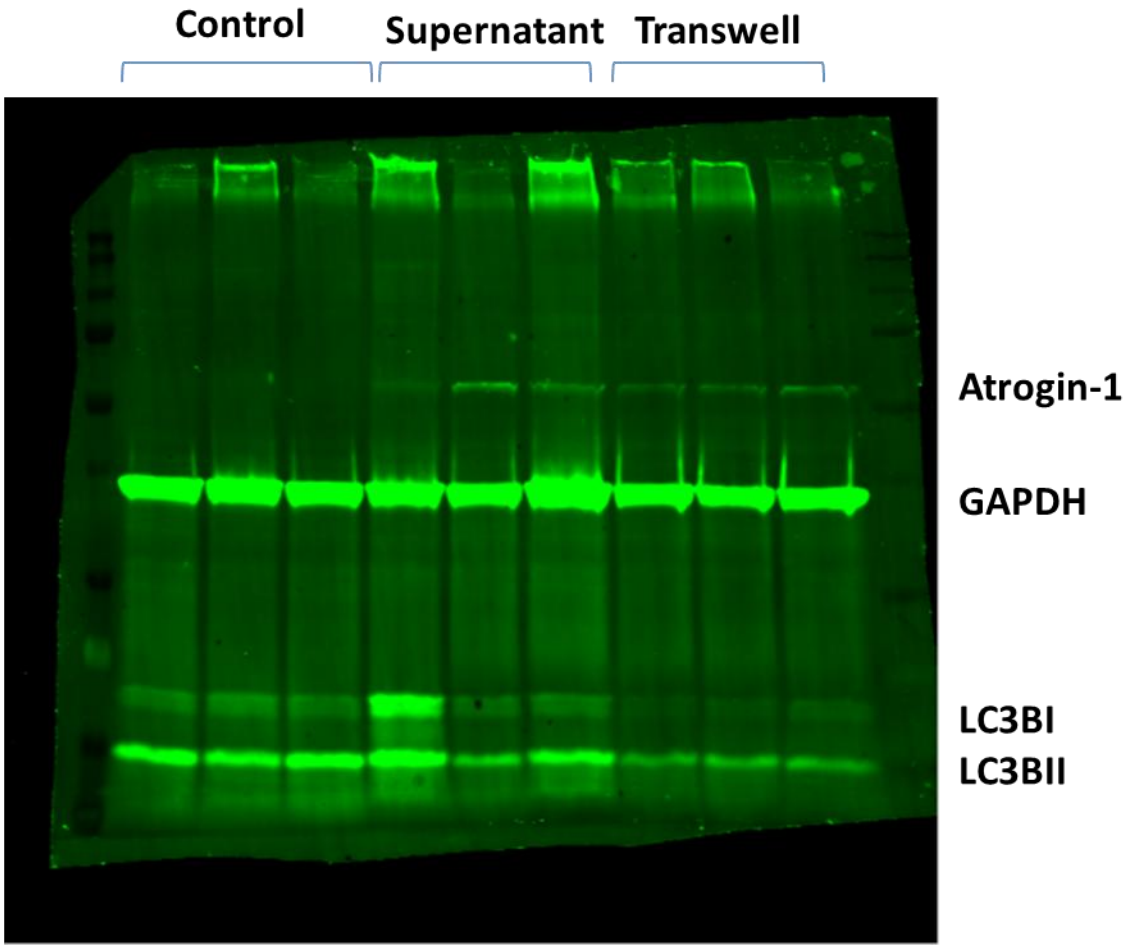


Full unedited gel for Figure 4

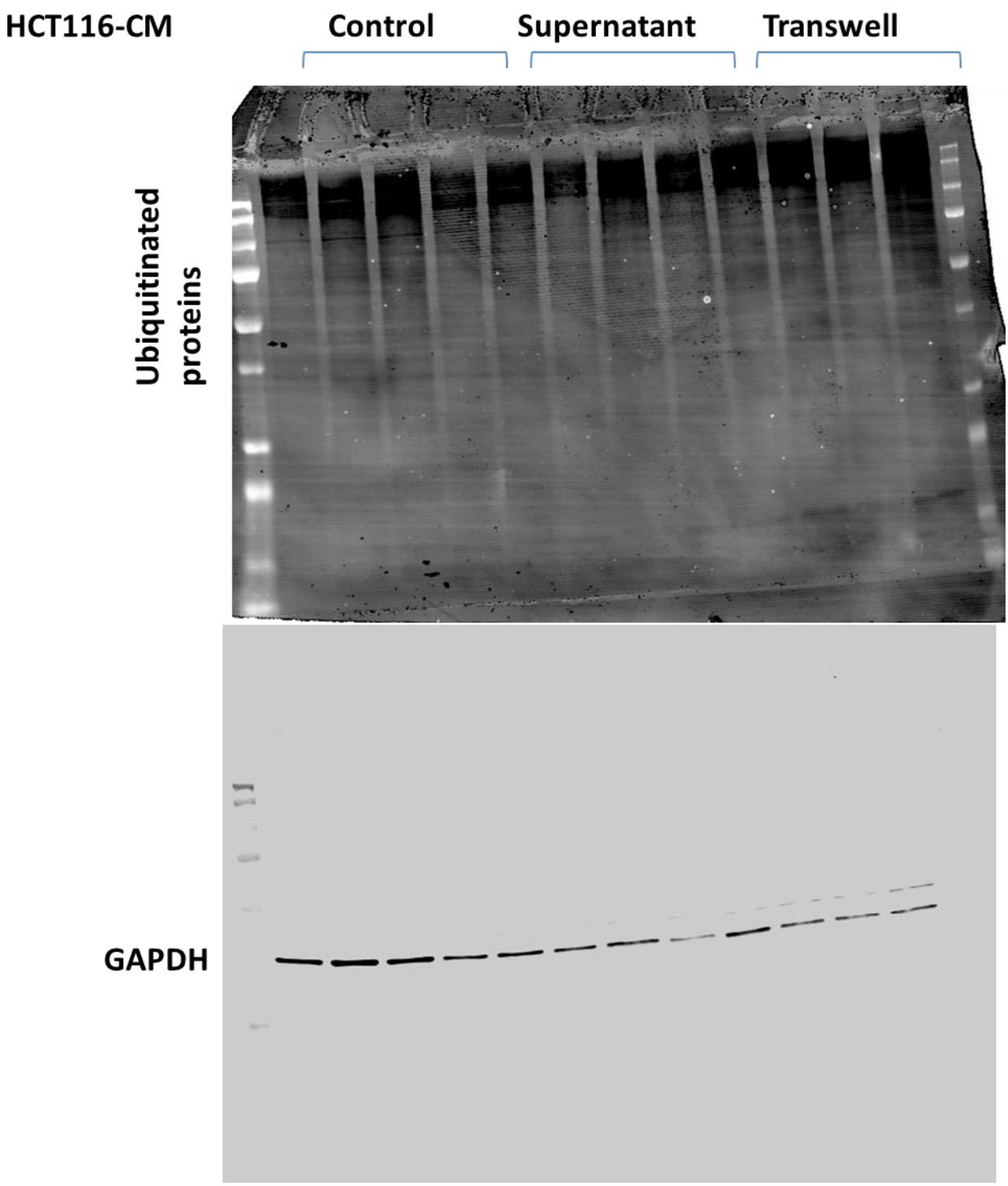


Full unedited gel for Figure 4 – quantification only

HCT116-CM



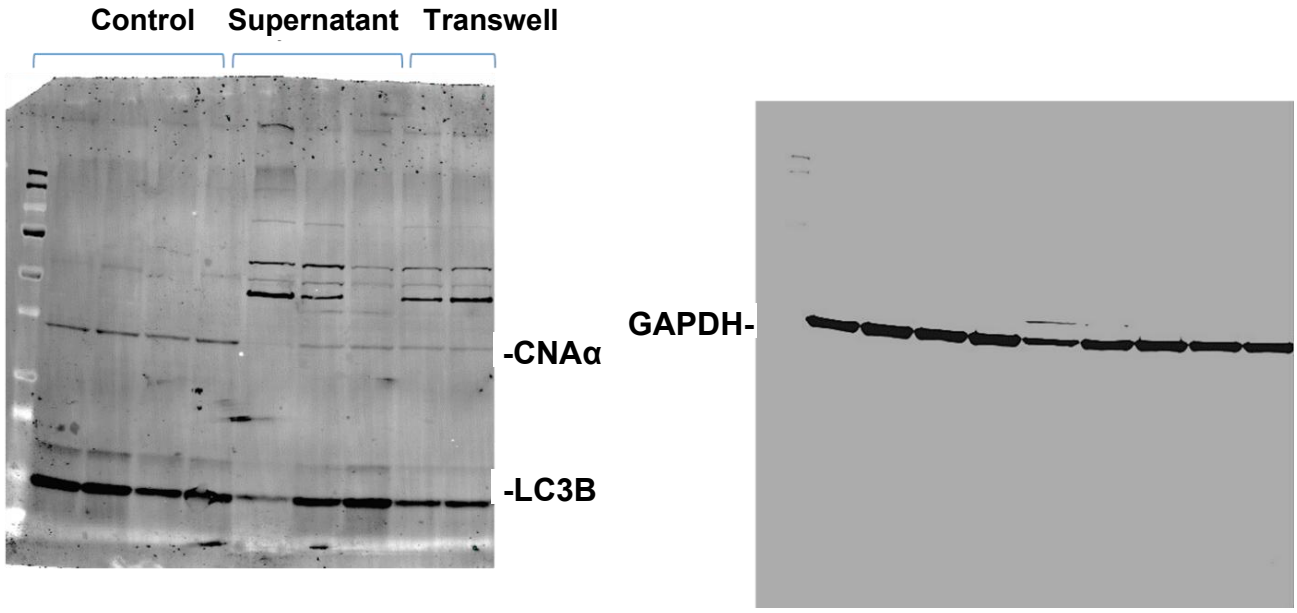
Full unedited gel for Figure 4



Full unedited gel for Figure 4 (LC3B) and Figure 5 (calcineurin)

HCT116-CM

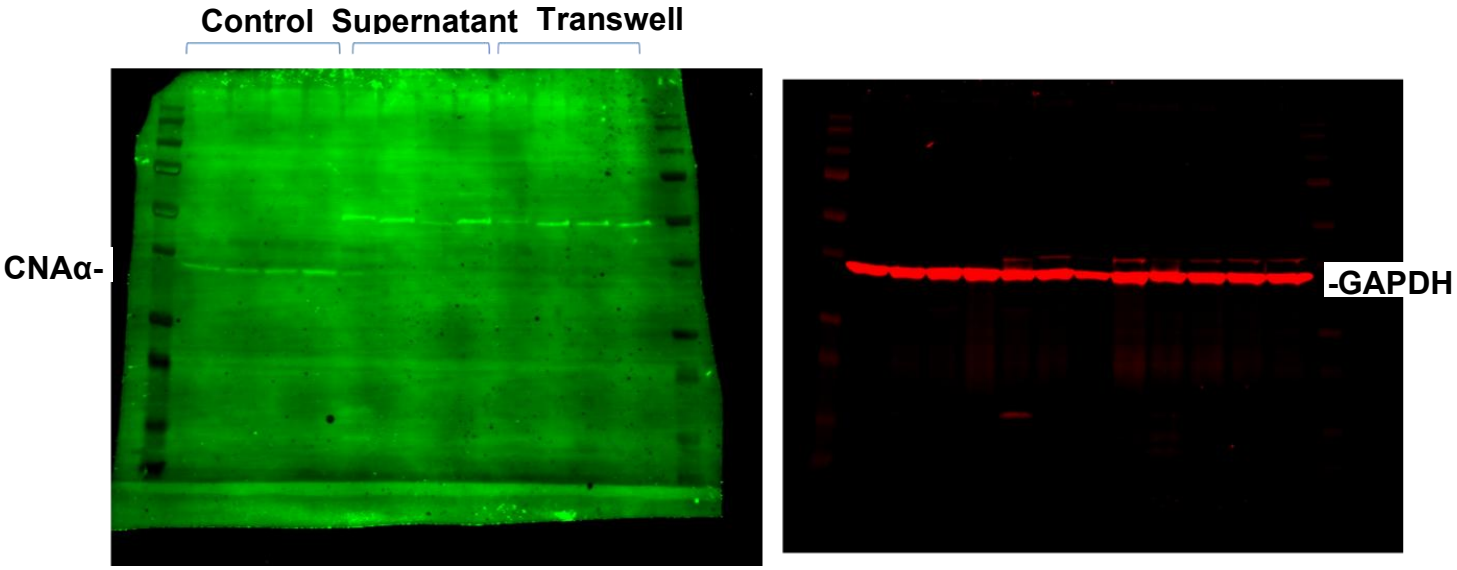
α-Calcineurin + LC3B



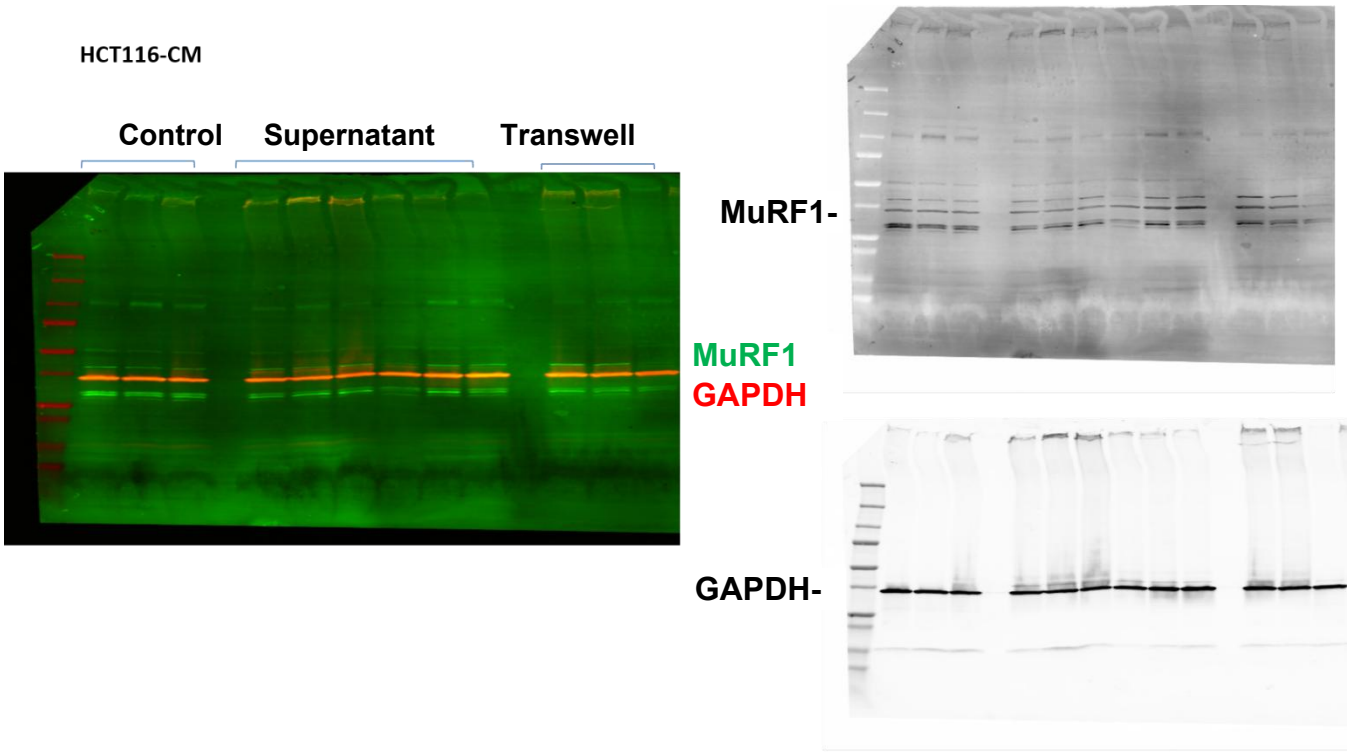
Full unedited gel for Figure 5 – quantification only

HCT116-CM

α-Calcineurin

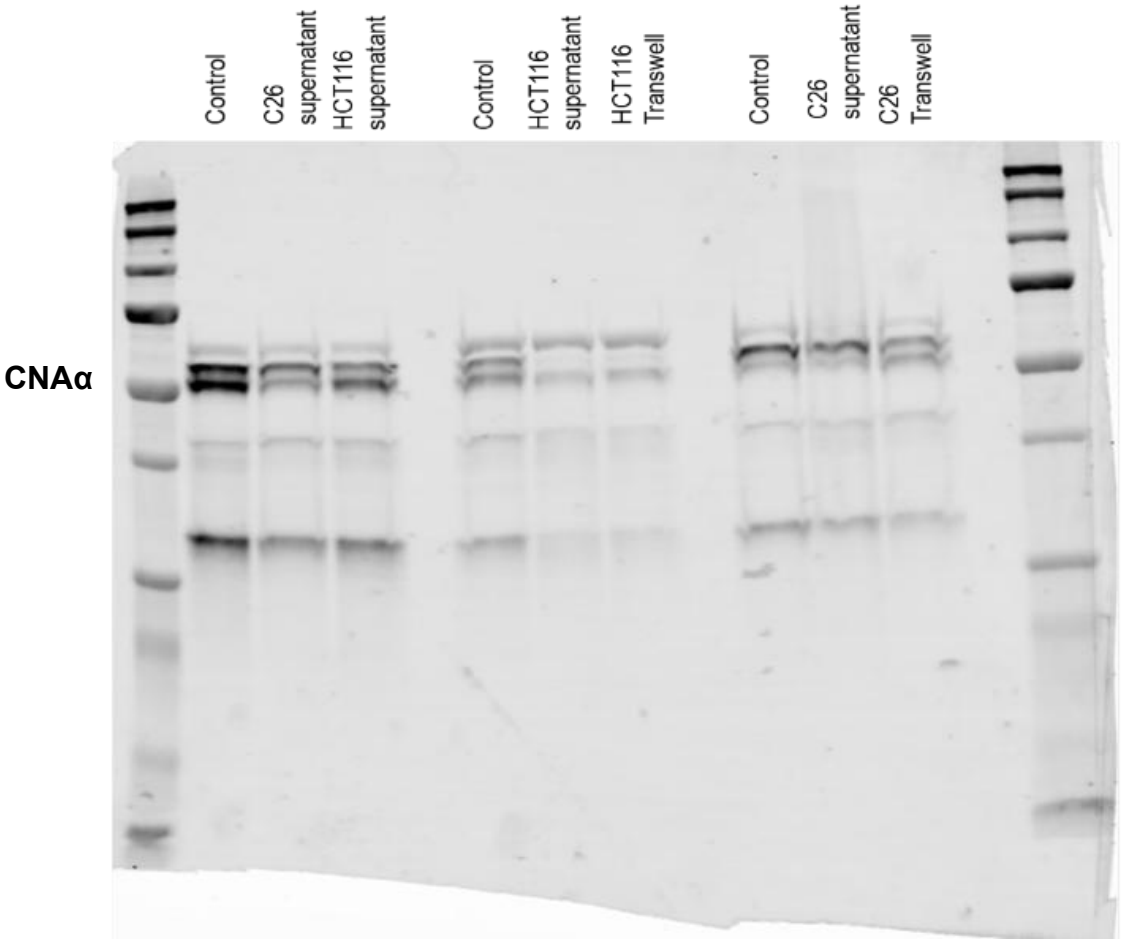


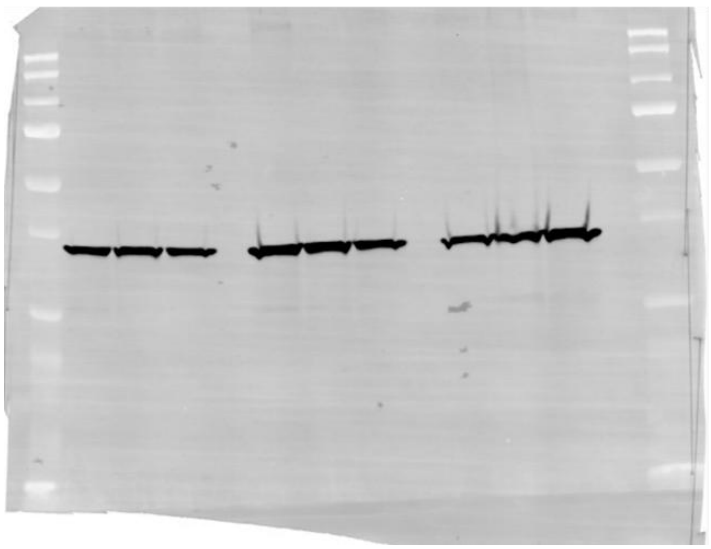
Full unedited gel for Figure 4



Full unedited gel for Figure 5

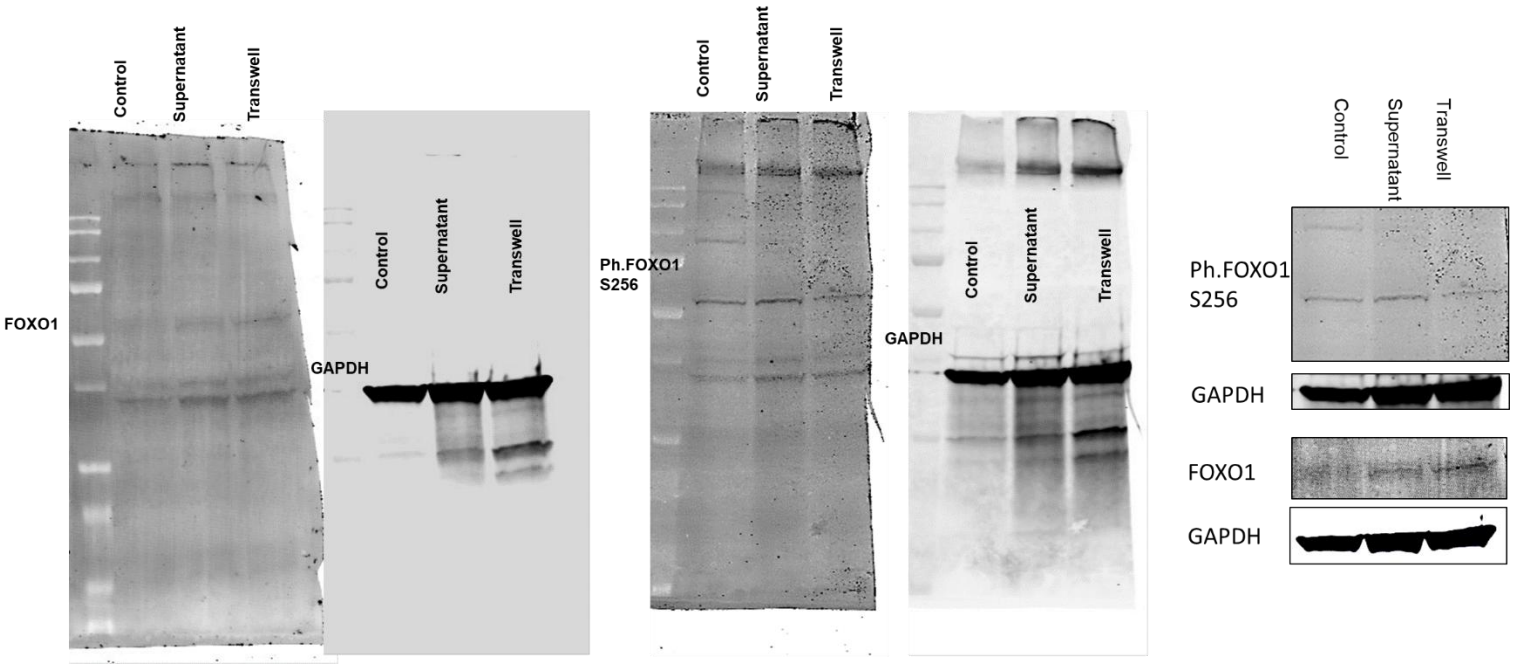
Cachexia – C26 and HCT116 -CM



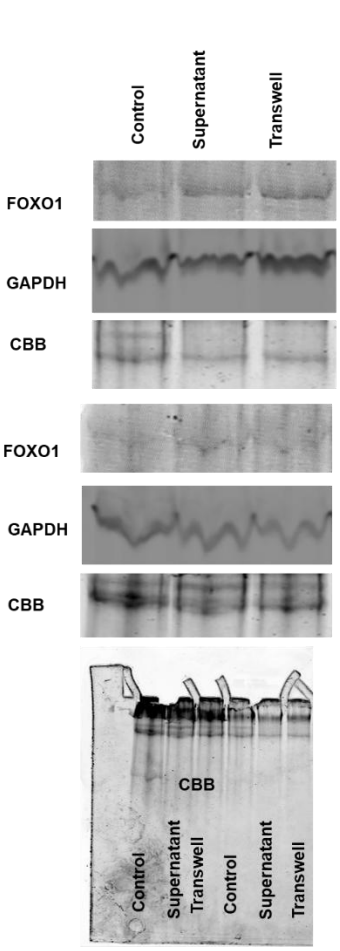


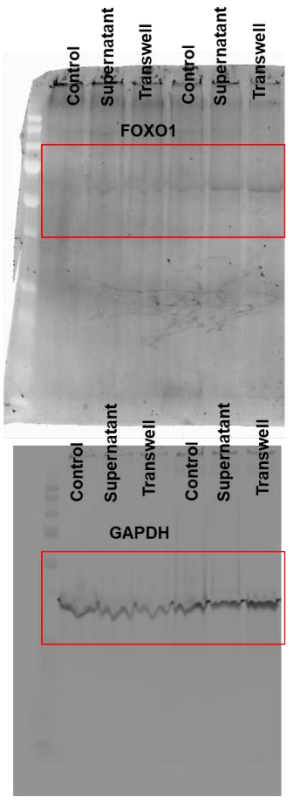
Full unedited gel for Figure 5

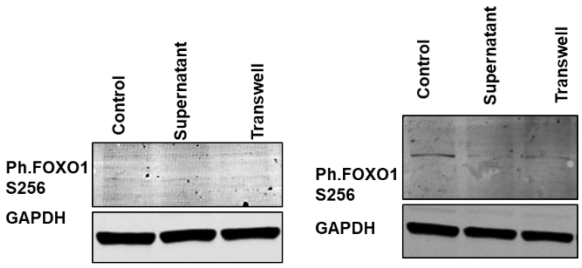
FOXO1 and phospho. FOXO1 S256 – HCT116-CM cachexia model

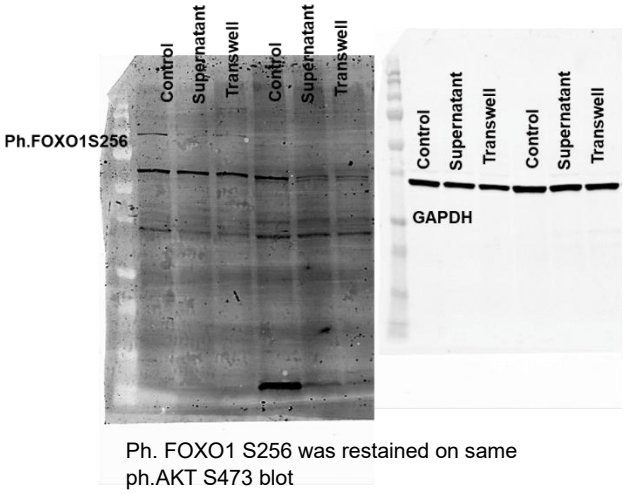


Full unedited gel for Figure 5 – quantification only

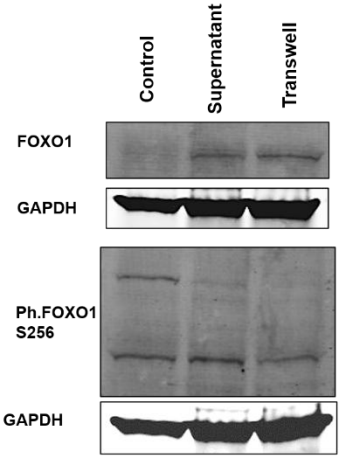


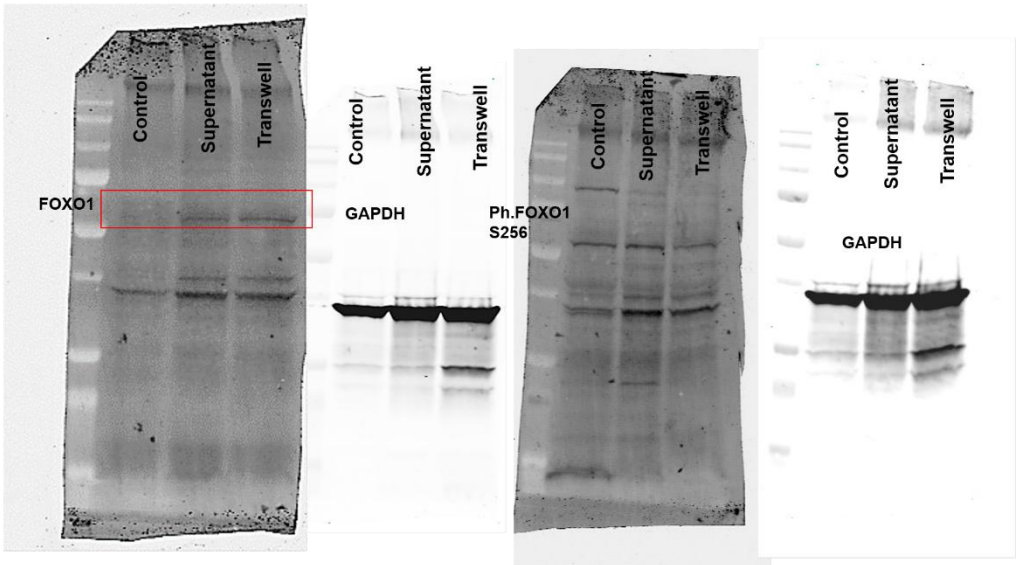




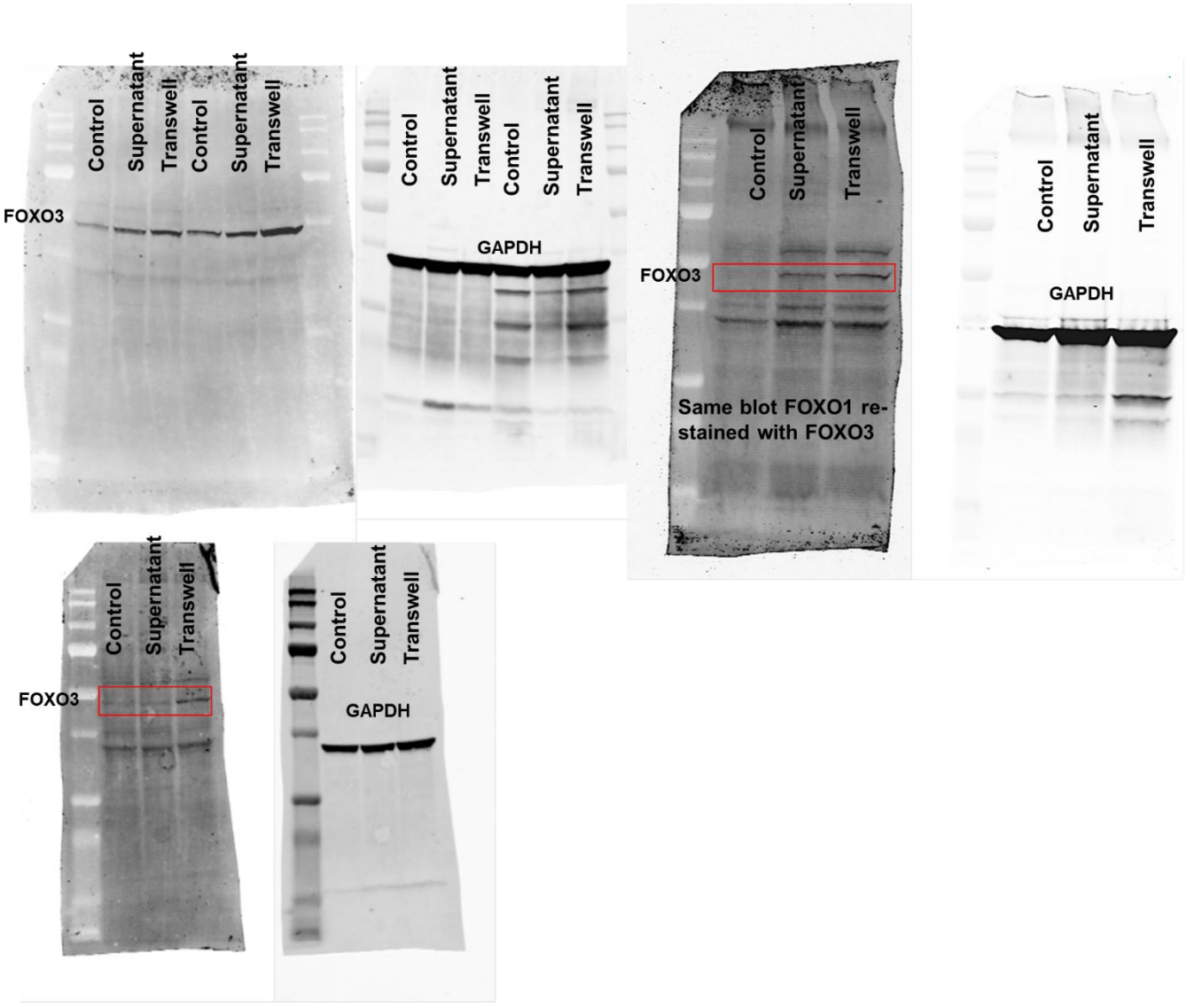


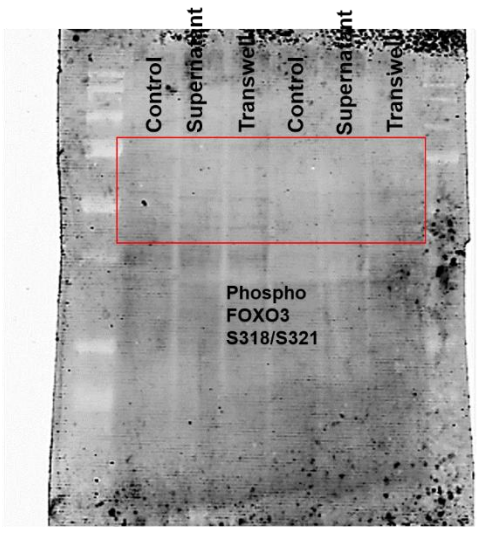
Ph. FOXO1 S256 was restained on same ph.AKT S473 blot

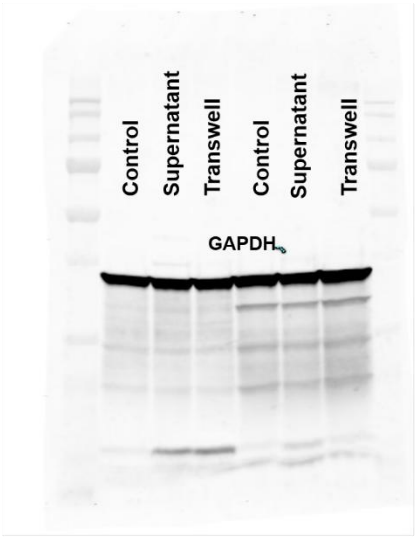


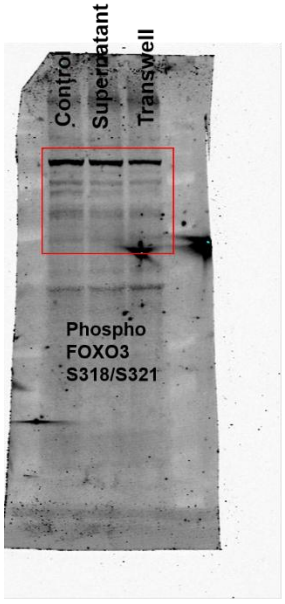


FOXO3 and phospho. FOXO3 S318/S321 – HCT116-CM cachexia model – representative and quantification

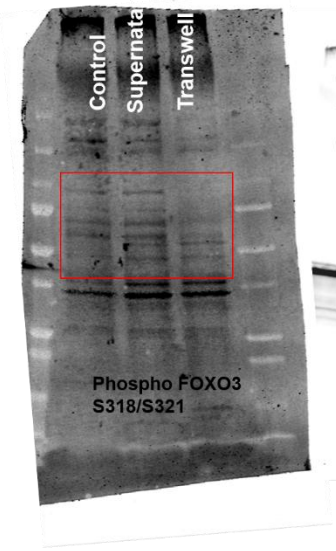


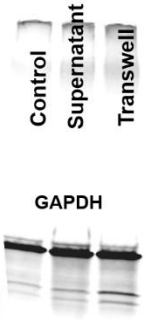

Control
Supernatant
Transwell
Control
Supernatant
Transwell
Phospho
FOXO3
S318/S321


Control
Supernatant
Transwell
Control
Supernatant
Transwell
GAPDH

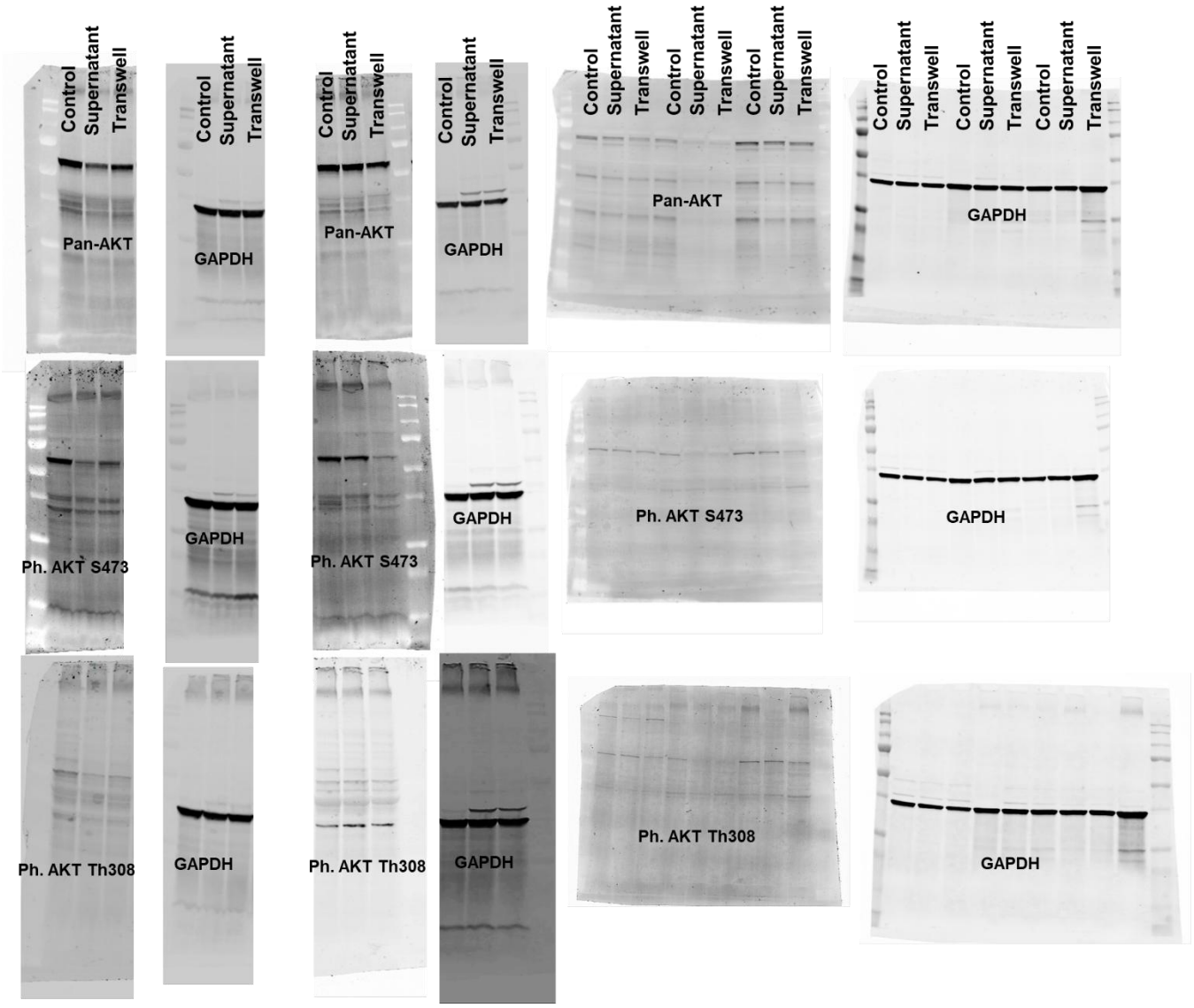

Control
Supernatant
Transwell
Phospho
FOXO3
S318/S321

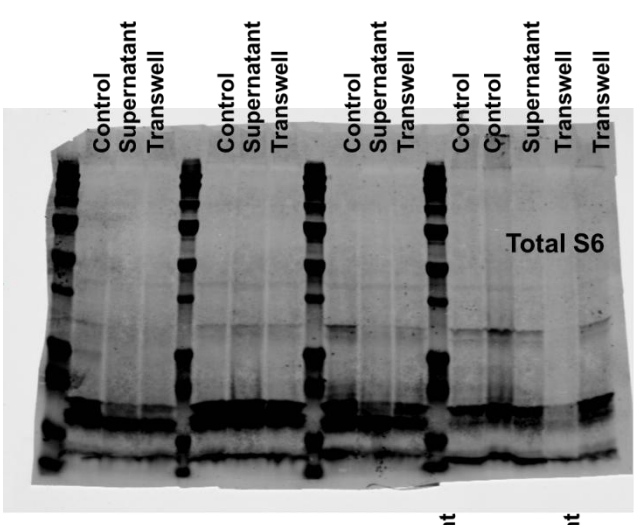

Control
Supernatant
Transwell
GAPDH

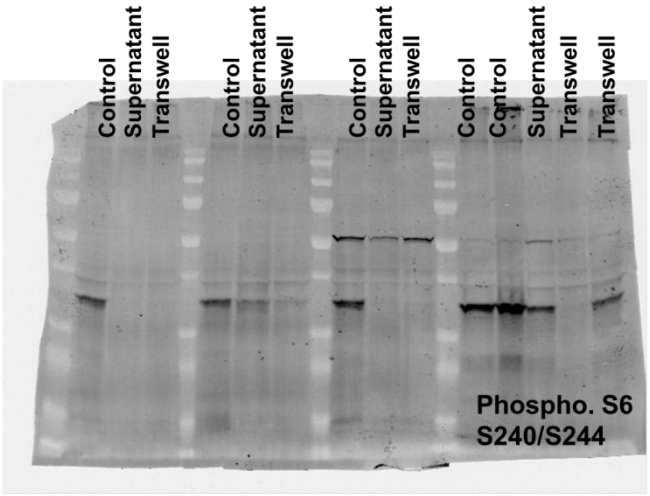

Control
Supernata
Transwell
Phospho FOXO3
S318/S321

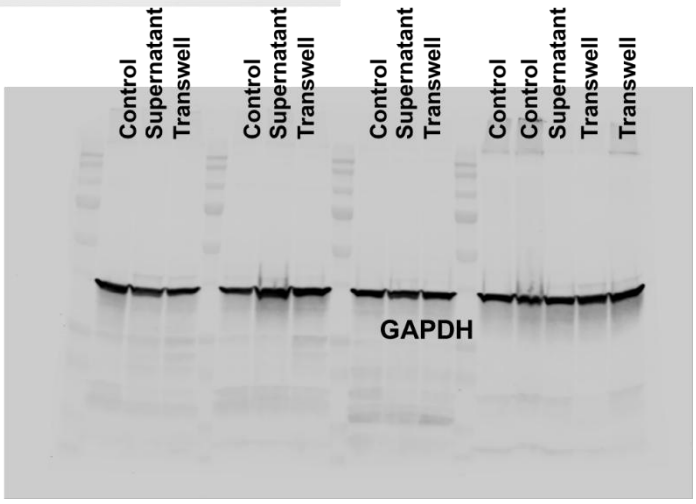

Control
Supernatant
Transwell
GAPDH

Full unedited gel for Figure 6 – representative and quantification



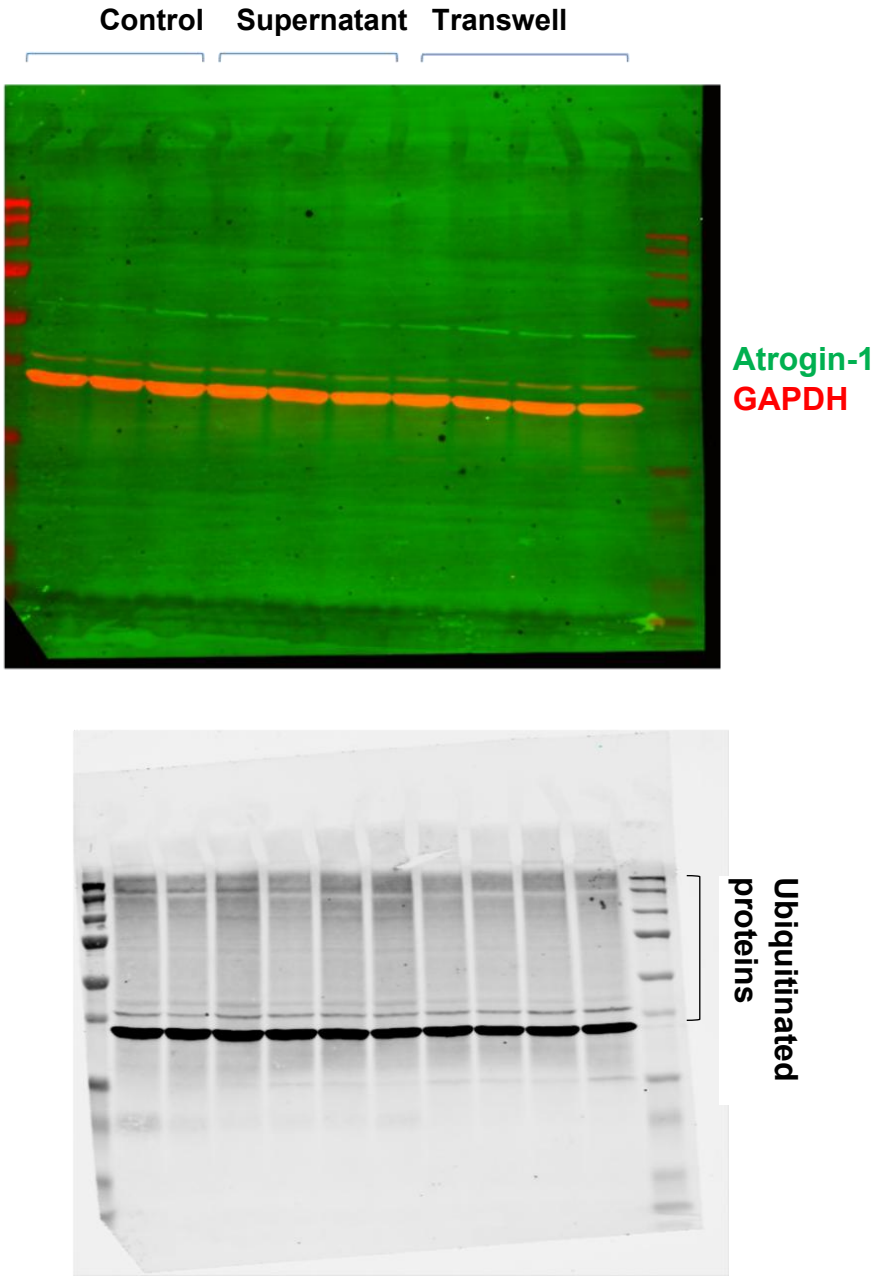

Control
Supernatant
Transwell
Control
Supernatant
Transwell
Control
Supernatant
Transwell
Control
Control
Supernatant
Transwell
Transwell
Total S6


Control
Supernatant
Transwell
Control
Supernatant
Transwell
Control
Supernatant
Transwell
Control
Control
Supernatant
Transwell
Transwell
Phospho. S6
S240/S244

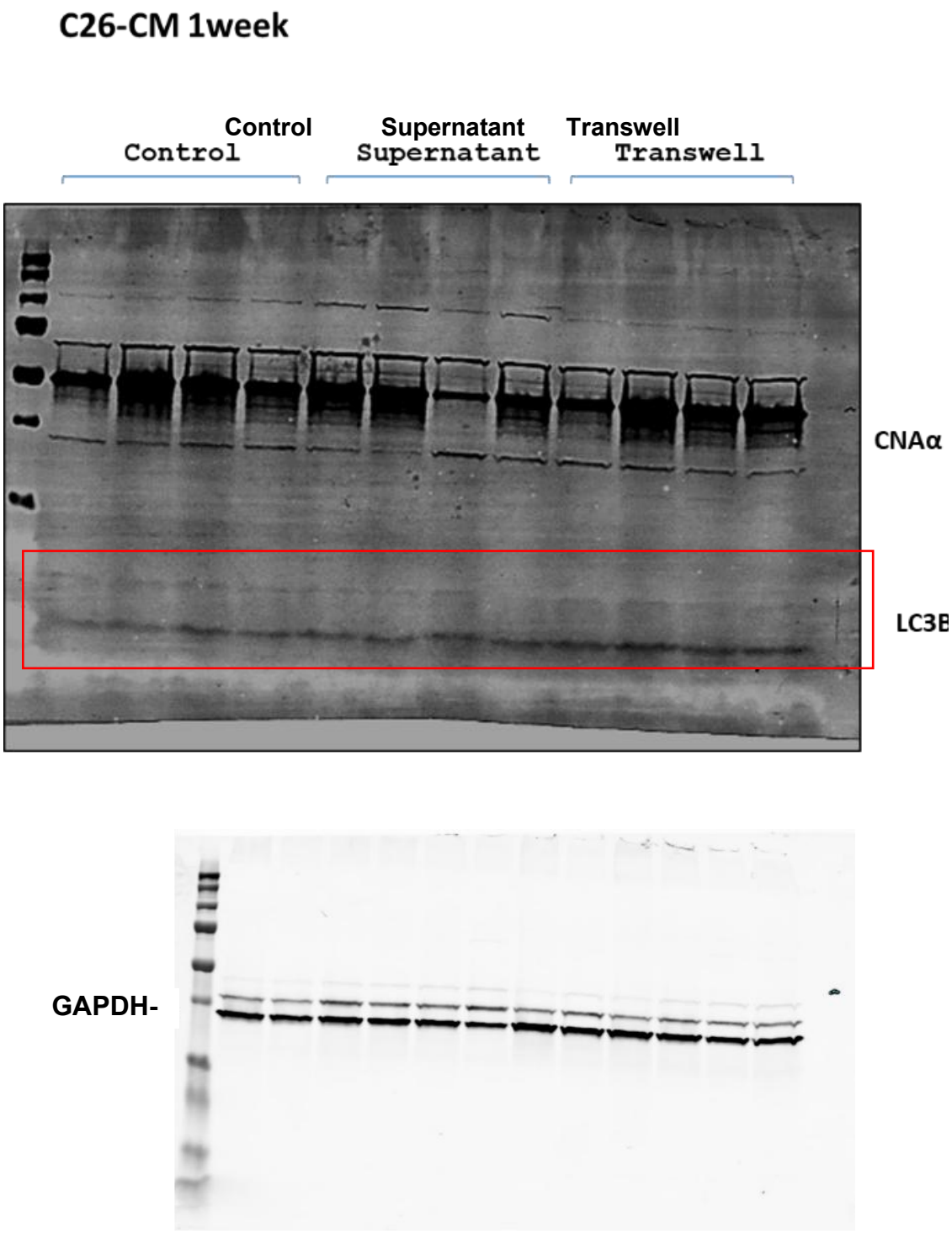

Control
Supernatant
Transwell
Control
Supernatant
Transwell
Control
Supernatant
Transwell
Control
Control
Supernatant
Transwell
Transwell
GAPDH

Full unedited gel for Figure 7

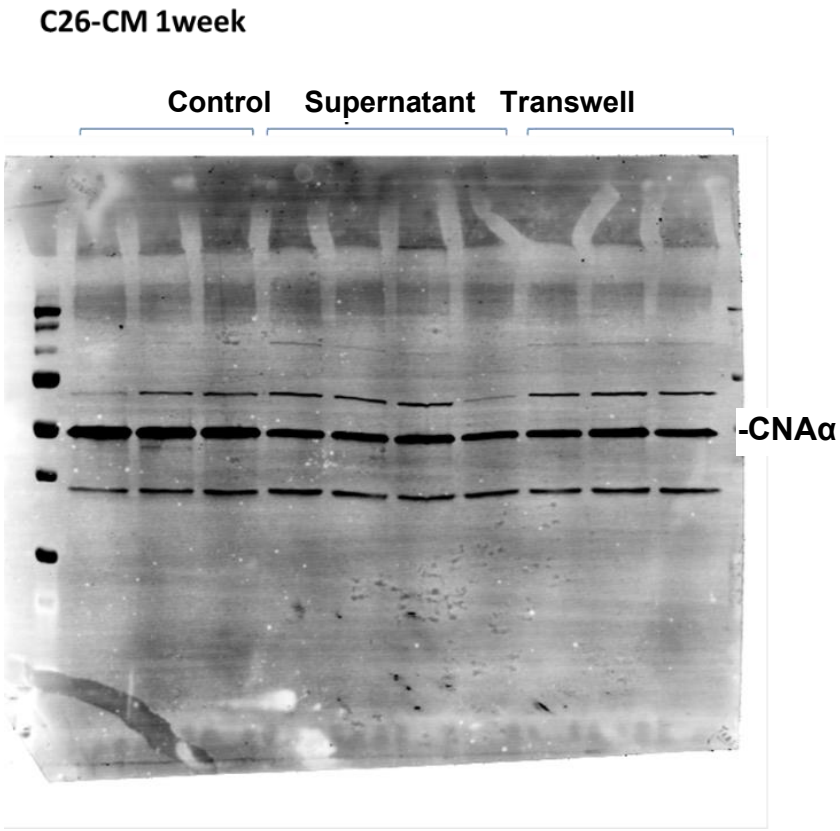
C26-CM 1week **Atrogin -1/GAPDH + restained for global ubiquitination**



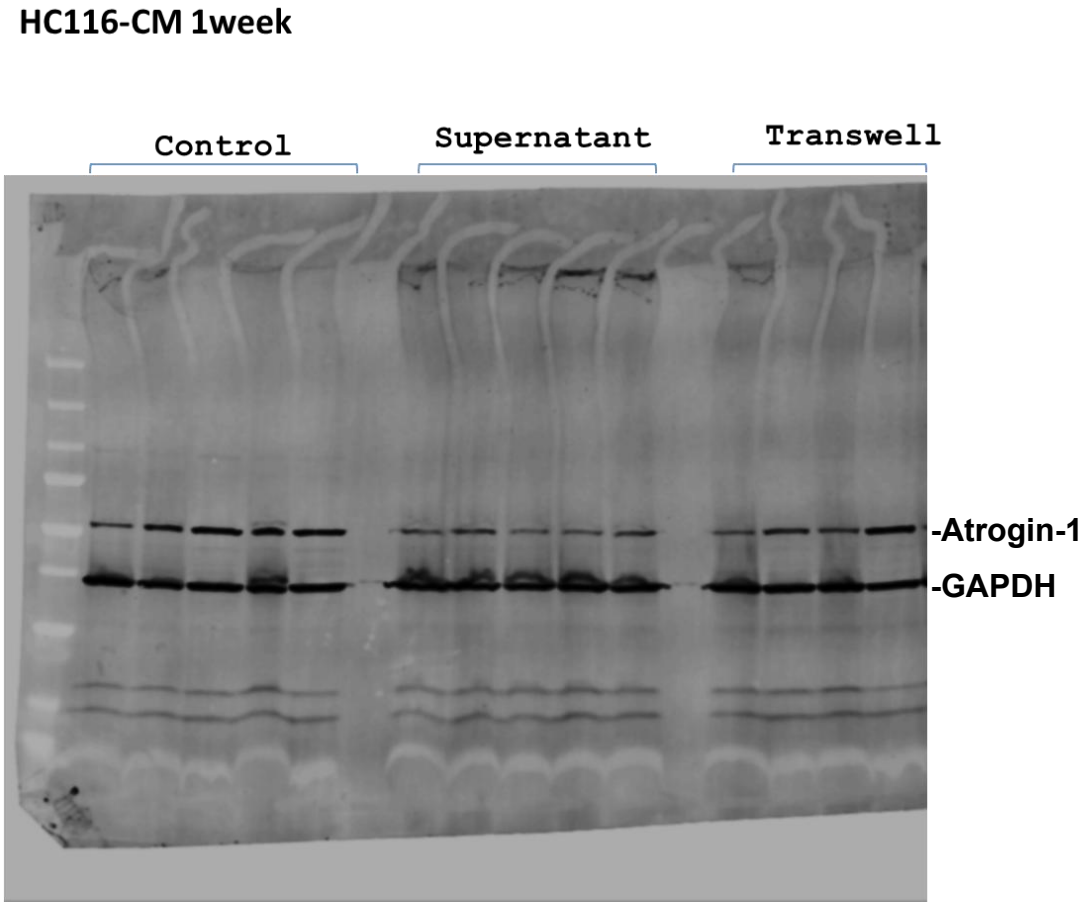
Full unedited gel for Figure 7



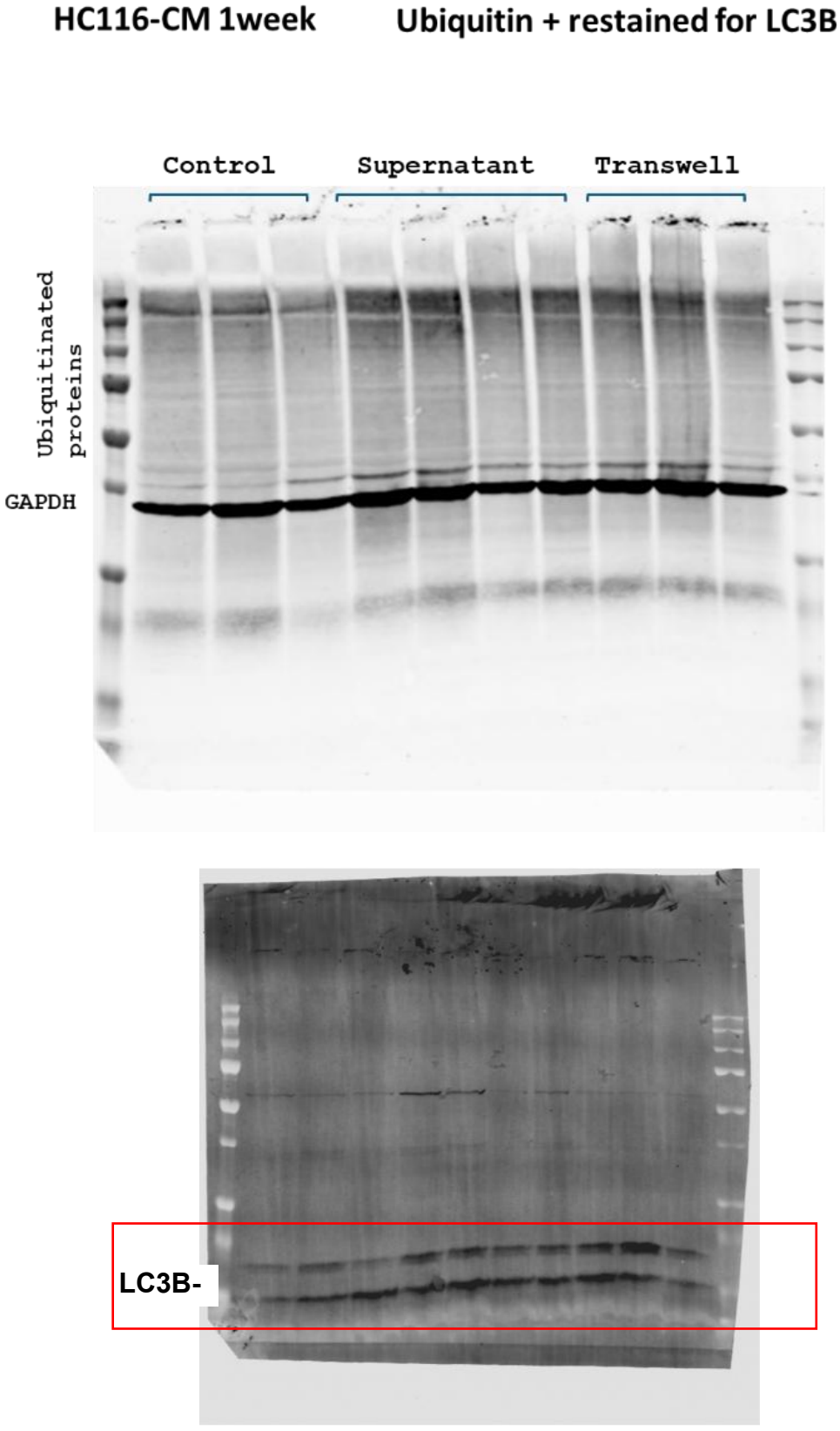
Full unedited gel for Figure 8



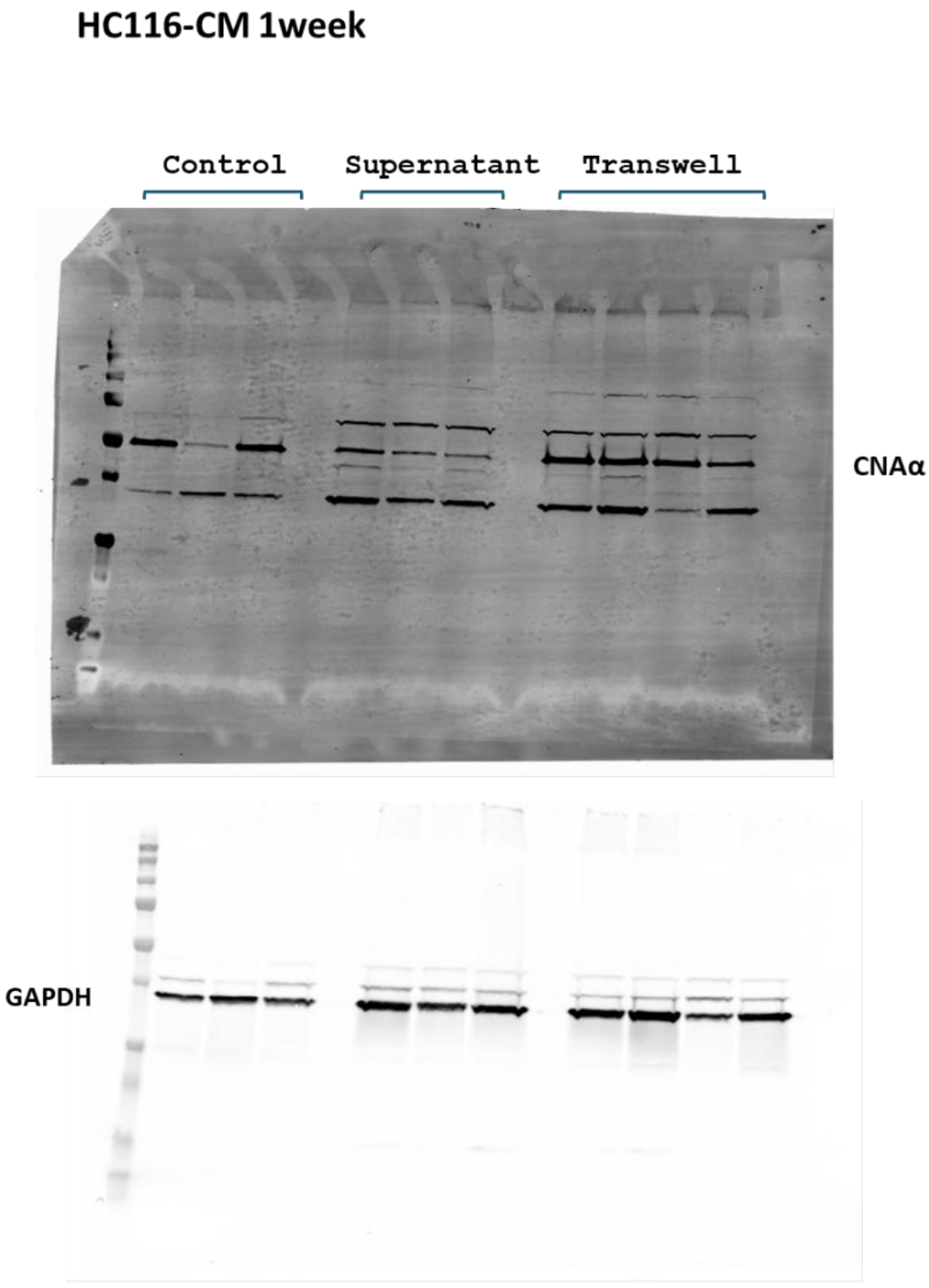
Full unedited gel for Figure 7



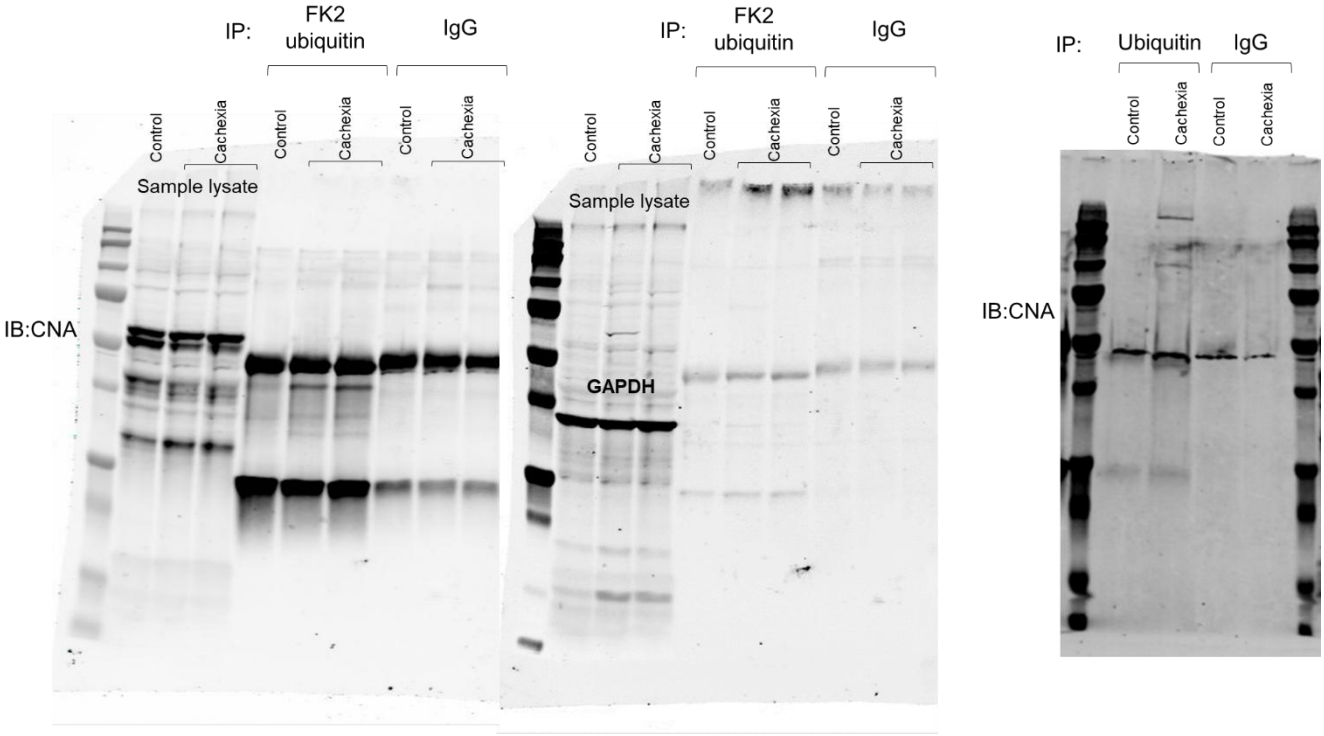
Full unedited gel for Figure 7



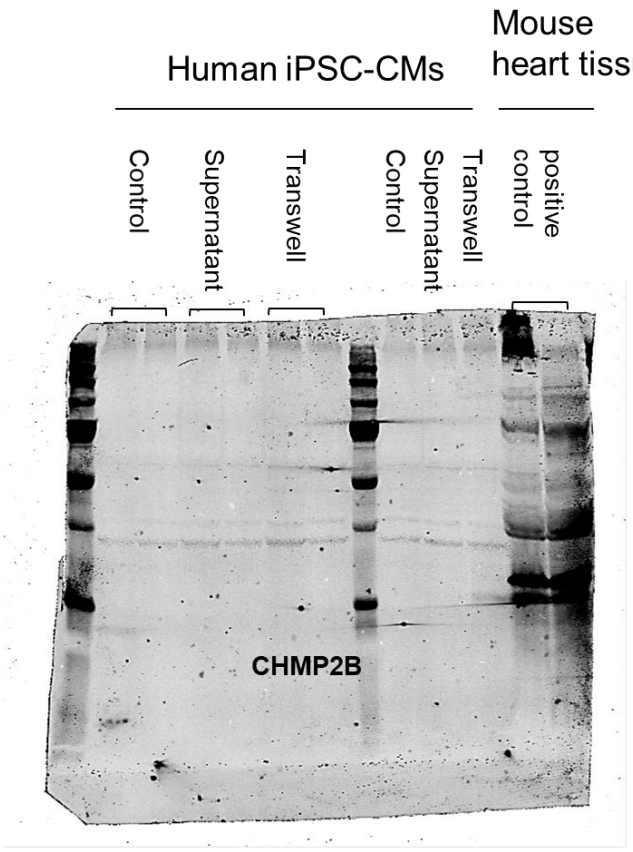
Full unedited gel for Figure 8

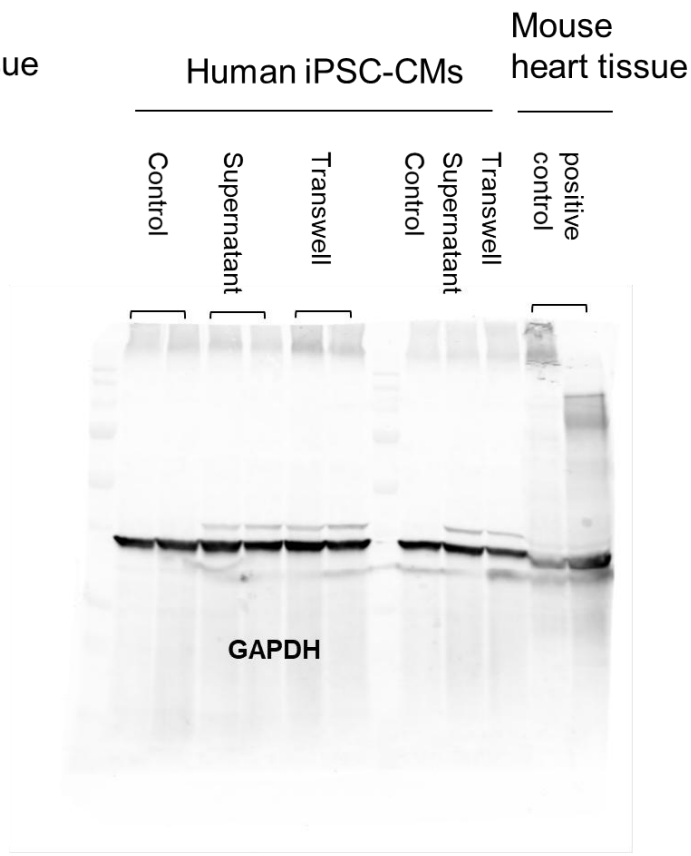


Full unedited gel for supplementary figure 8B-C

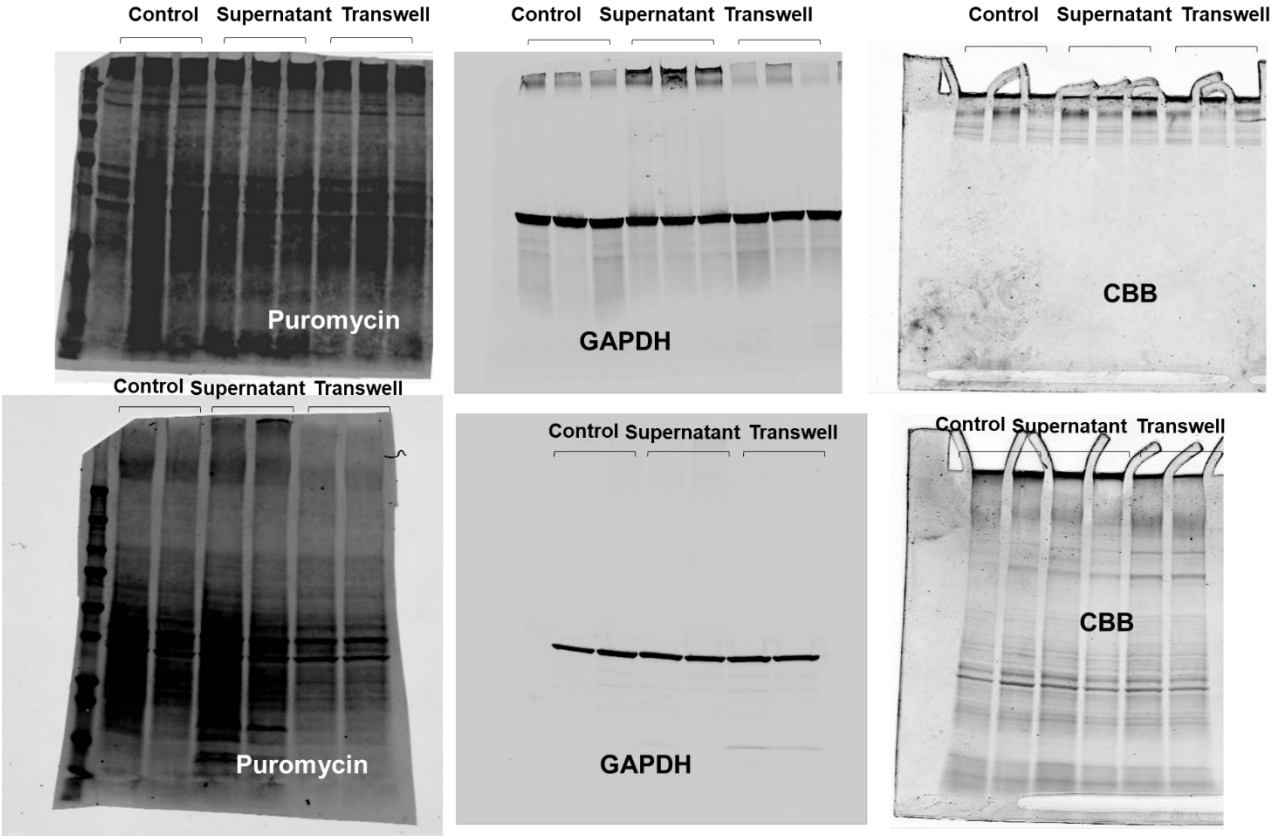


Full unedited figure of supplementary figure S10C

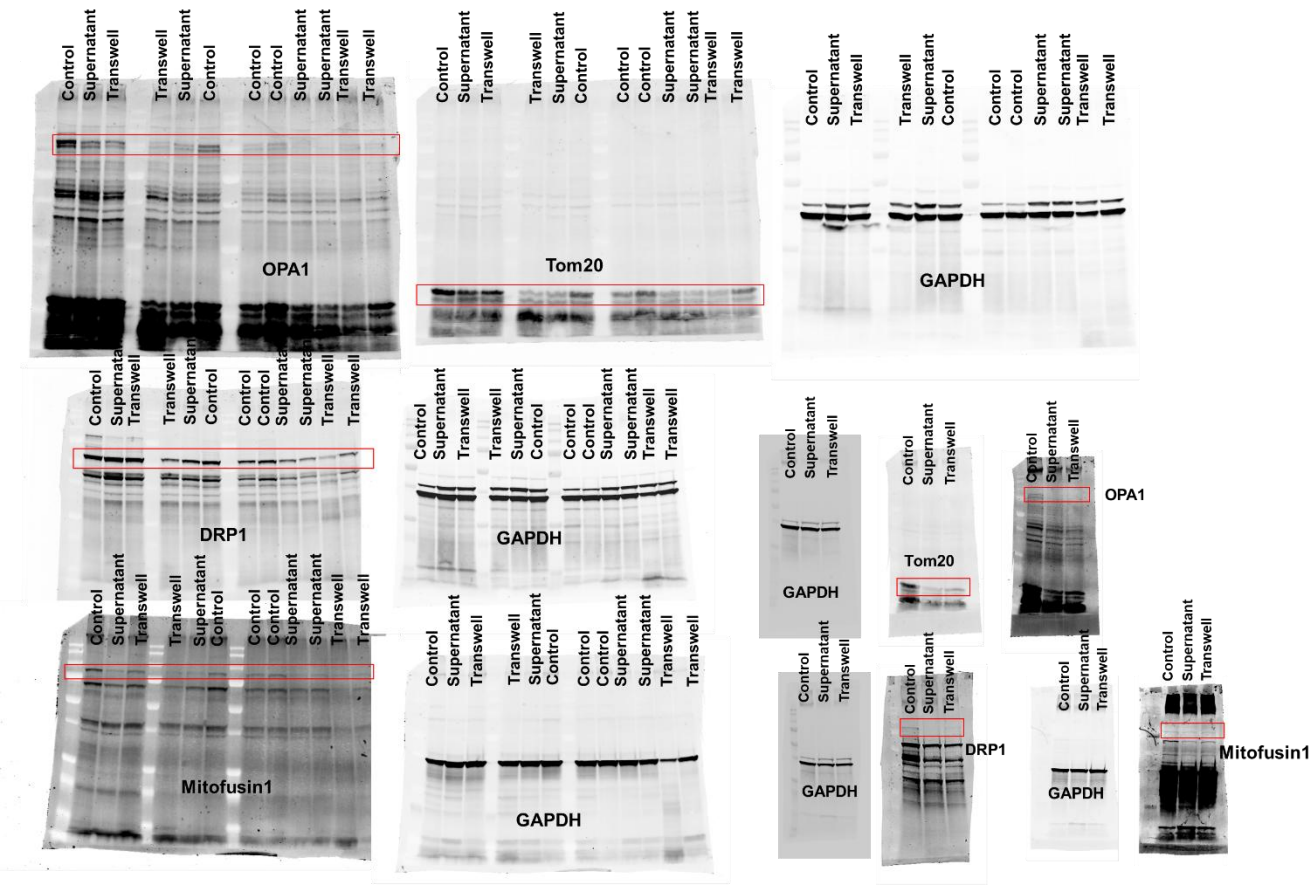




Full unedited figure of supplementary figure S12



Full unedited figure of supplementary figure S14



Unedited whole blots – in order:

- Immunoblot analysis for Atrogin-1 in C26 cachectic model.
- Immunoblot analysis for BNIP3 in C26 cachectic model.
- Immunoblot analysis for Atrogin-1 in C26 cachectic model-blot2.
- Immunoblot analysis for MuRF1 in C26 cachectic model.
- Immunoblot analysis for MuRF1 in C26 cachectic model followed by LC3B stain.
- Immunoblot analysis for global ubiquitination in C26 cachectic model.
- Immunoblot analysis for LC3B after BAFA1 treatment in C26 cachectic model.
- Immunoblot analysis for LC3B after BAFA1 treatment in C26 cachectic model-blot 2.
- Immunoblot analysis for calcineurin in C26 cachectic model.
- Immunoblot analysis for calcineurin in C26 cachectic model-blot2.
- Immunoblot analysis for calcineurin in C26 cachectic model-blot3.
- Immunoblot analysis for Atrogin-1 in HCT116 cachectic model.
- Immunoblot analysis for Atrogin-1, LC3B in HCT116 cachectic model-blot2.
- Immunoblot analysis for global ubiquitination in HCT116 cachectic model.
- Immunoblot analysis for calcineurin and LC3B in HCT116 cachectic model.
- Immunoblot analysis for calcineurin in HCT116 cachectic model.
- Immunoblot analysis for MuRF1 in HCT116 cachectic model.
- Immunoblot analysis for CNAα in C26 and HCT116 cachectic models.
- Immunoblot analysis for FOXO1 and phospho. FOXO1 S256 – HCT116-CM cachexia model
- Immunoblot analysis for FOXO3 and phospho. FOXO3 S318/S321 – HCT116-CM cachectic model
- Immunoblot analysis for AKT, phospho. AKT S473, and phospho. AKT Thr308 – HCT116-CM cachectic model
- Immunoblot analysis for S6, and phospho. S6 S240/244 – HCT116-CM cachectic model
- Immunoblot analysis for Atrogin-1 followed by global ubiquitination staining in C26 post-cachectic model.
- Immunoblot analysis for LC3B and calcineurin in C26 post-cachectic model.
- Immunoblot analysis for calcineurin in C26 post-cachectic model.
- Immunoblot analysis for Atrogin-1 in HCT116 post-cachectic model.
- Immunoblot analysis for global ubiquitination followed by LC3B stain in HCT116 post-cachectic model.
- Immunoblot analysis for calcineurin in HCT116 post-cachectic model.
- Immunoblot analysis for calcineurin A on FK2 ubiquitin or ubiquitin immunoprecipitated samples in HCT116 cachectic model.
- Immunoblot analysis for CHMP2B in HCT116 cachectic model.
- Immunoblot analysis for puromycin incorporation in HCT116 cachectic model.
- Immunoblot analysis for mitochondrial dynamics markers (OPA1, DRP1, Tom20 and mitofusin-1) in HCT116-CM post-cachectic model.