Extended Data Fig. 1a:

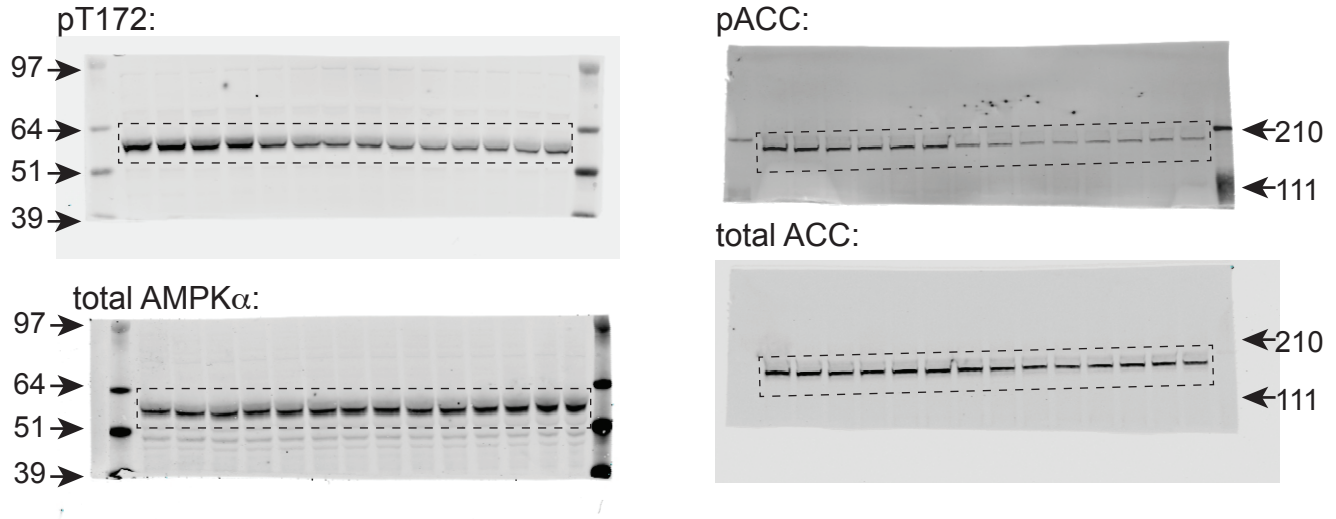


Fig. 2a:

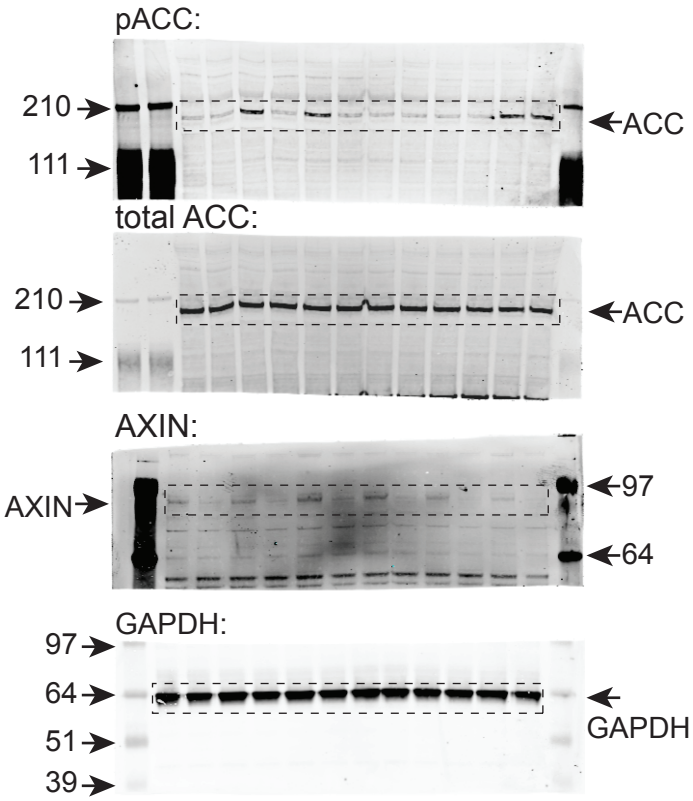


Fig. 2b:

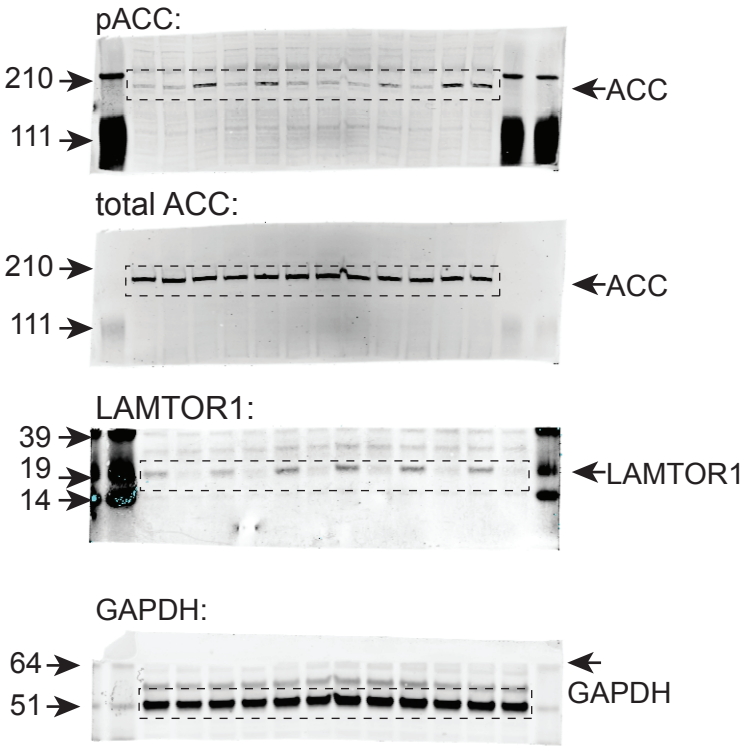
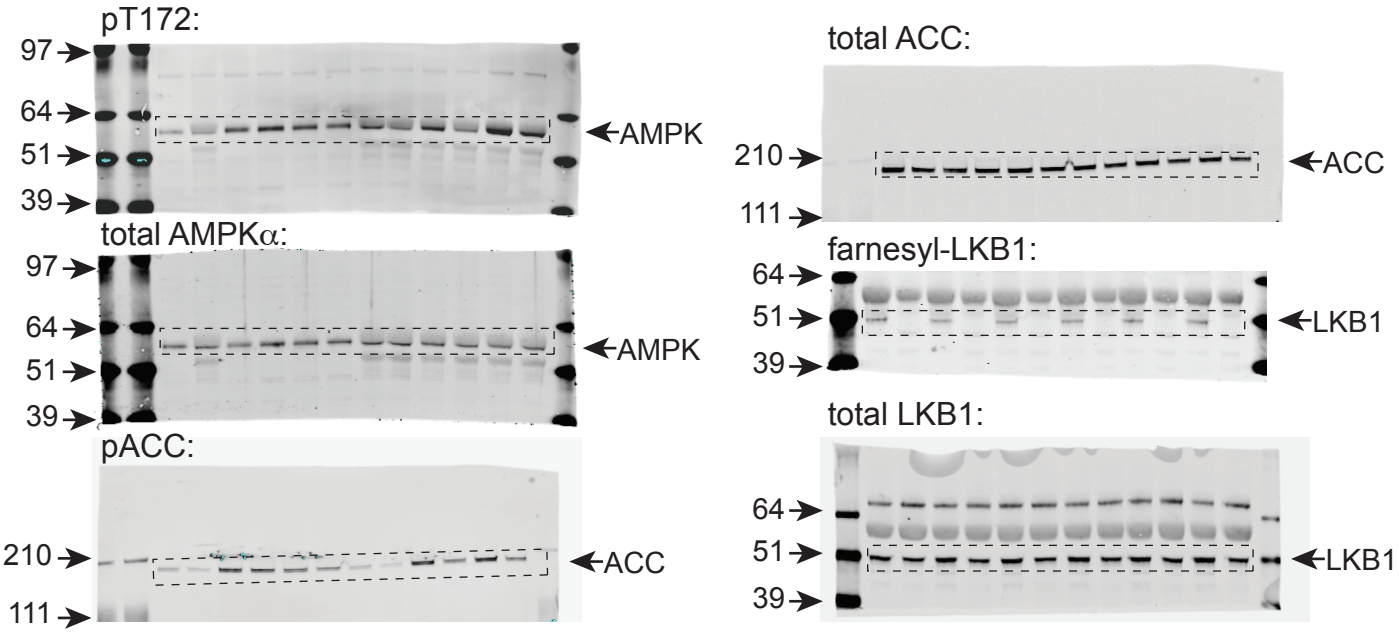
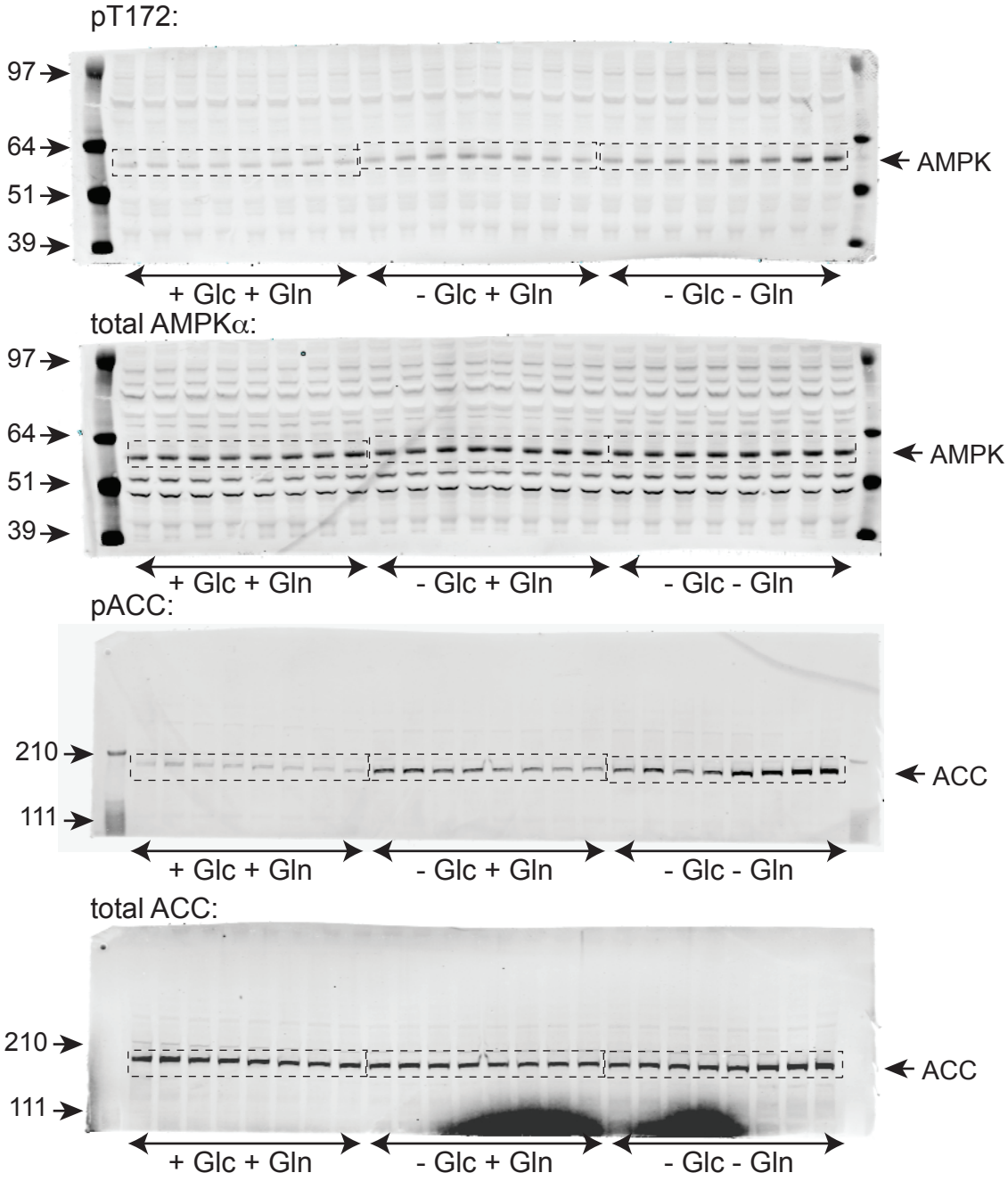


Fig. 2e:



Extended Data Fig. 1g:



Note that to ensure uniform detection, all time points and conditions were run on single gels with 24 wells, which were then cropped in three sections of 8 wells each as shown, to generate Extended Data Fig. 1g.

The SeeBlue® Plus2 Pre-stained Protein Standard, Cat. LC5925, from ThermoFisher Scientific, was used as the protein marker.

Blots, as shown below, were cut into slices before incubation with primary antibodies. The Pierce™ Prestained Protein MW Marker, Cat. 26612, from ThermoFisher Scientific, was used as the protein marker.

Fig. 3a

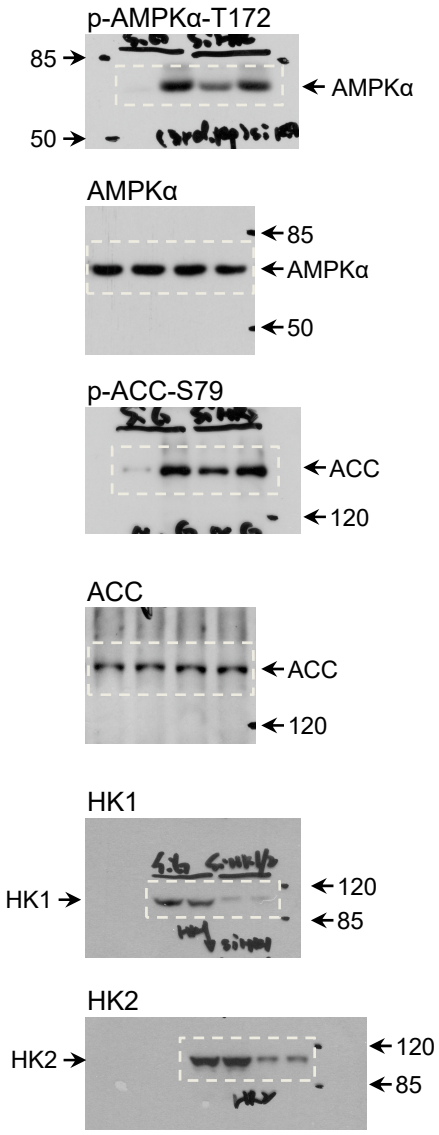


Fig. 3b

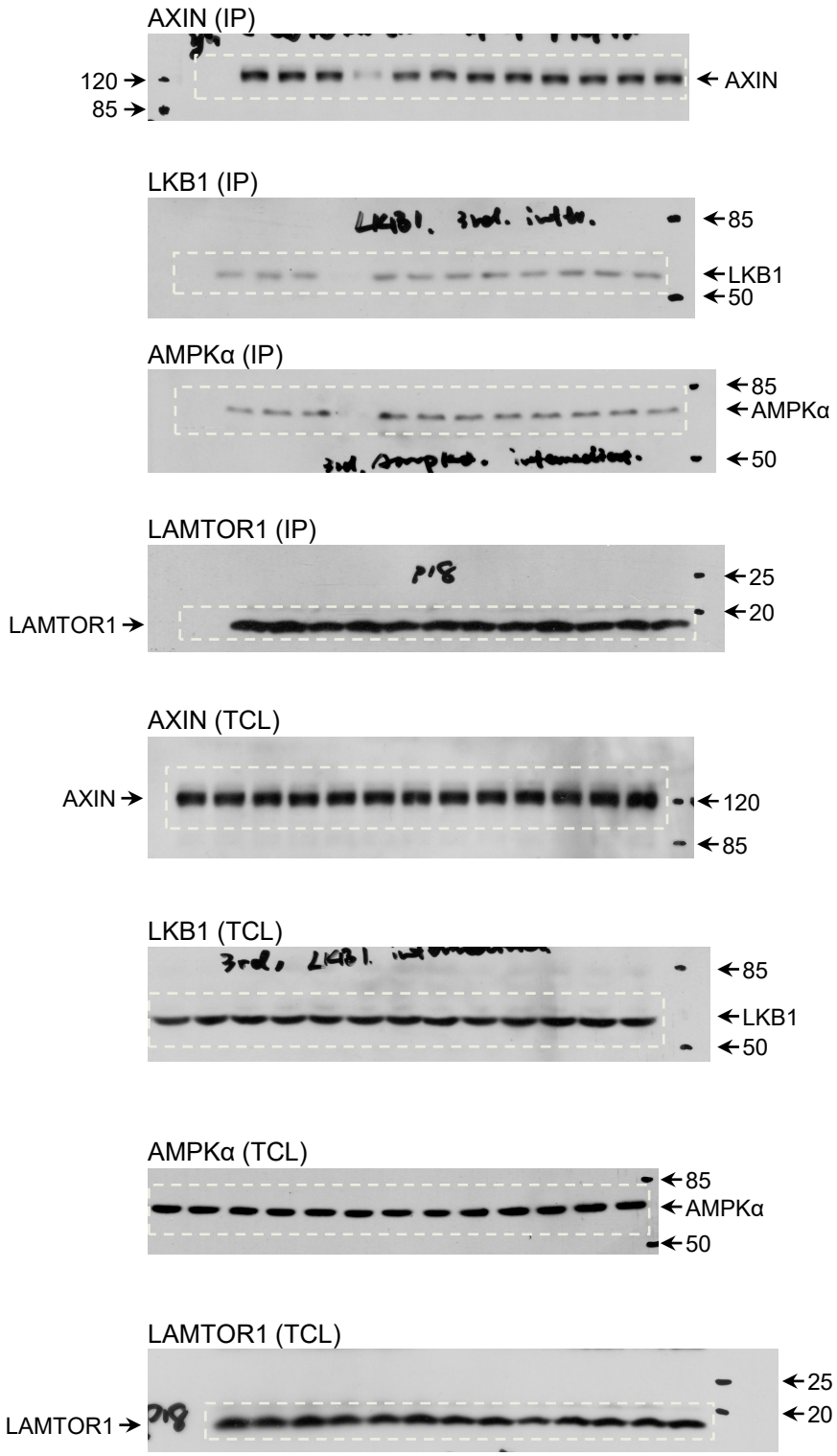


Fig. 3c

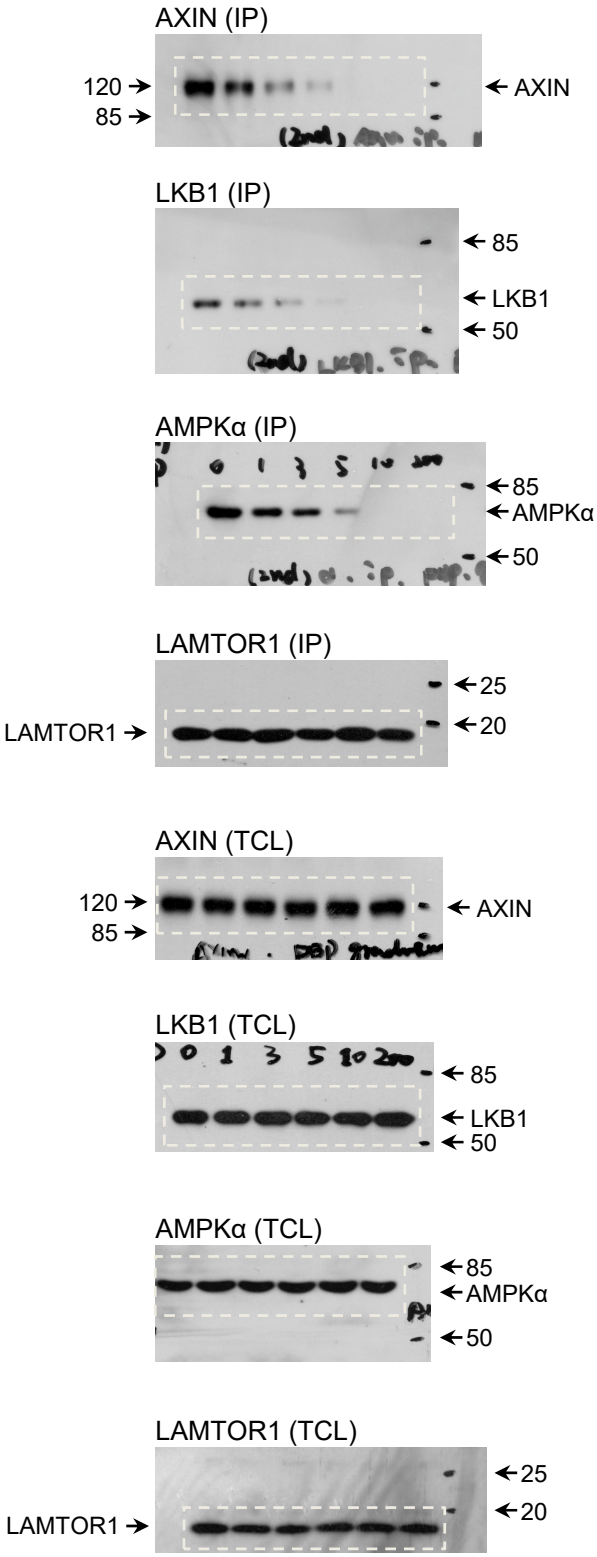

AXIN (IP)
120
85
AXIN
LKB1 (IP)
85
LKB1
50
AMPKα (IP)
85
AMPKα
50
LAMTOR1 (IP)
LAMTOR1
25
20
AXIN (TCL)
120
85
AXIN
LKB1 (TCL)
85
LKB1
50
AMPKα (TCL)
85
AMPKα
50
LAMTOR1 (TCL)
LAMTOR1
25
20

Fig. 3d

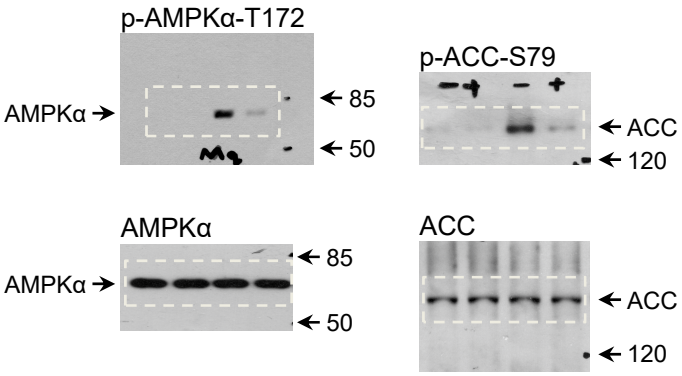

p-AMPKα-T172
AMPKα
85
50
p-ACC-S79
ACC
120
AMPKα
AMPKα
85
50
ACC
ACC
120

Fig. 4a

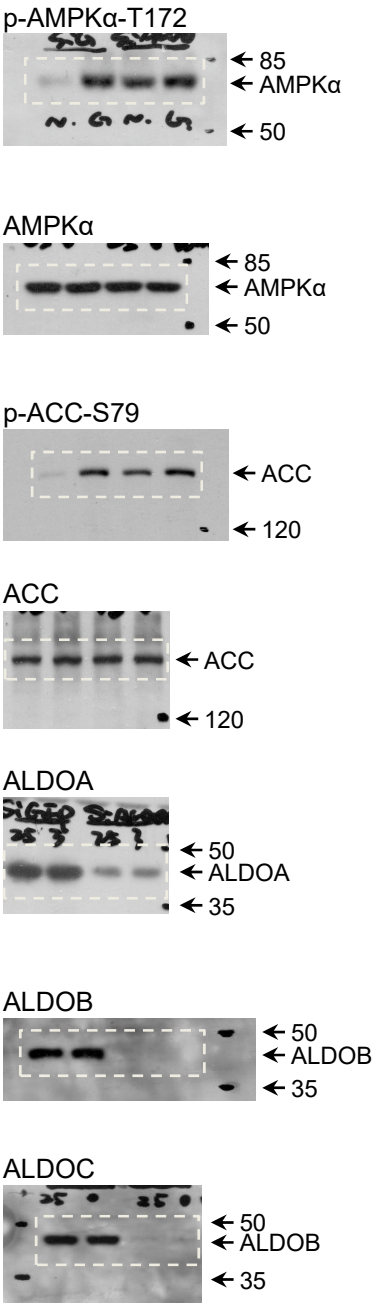

p-AMPKα-T172
85
AMPKα
50
AMPKα
85
AMPKα
50
p-ACC-S79
ACC
120
ACC
ACC
120
ALDOA
50
ALDOA
35
ALDOB
50
ALDOB
35
ALDOC
50
ALDOB
35

Fig. 4b

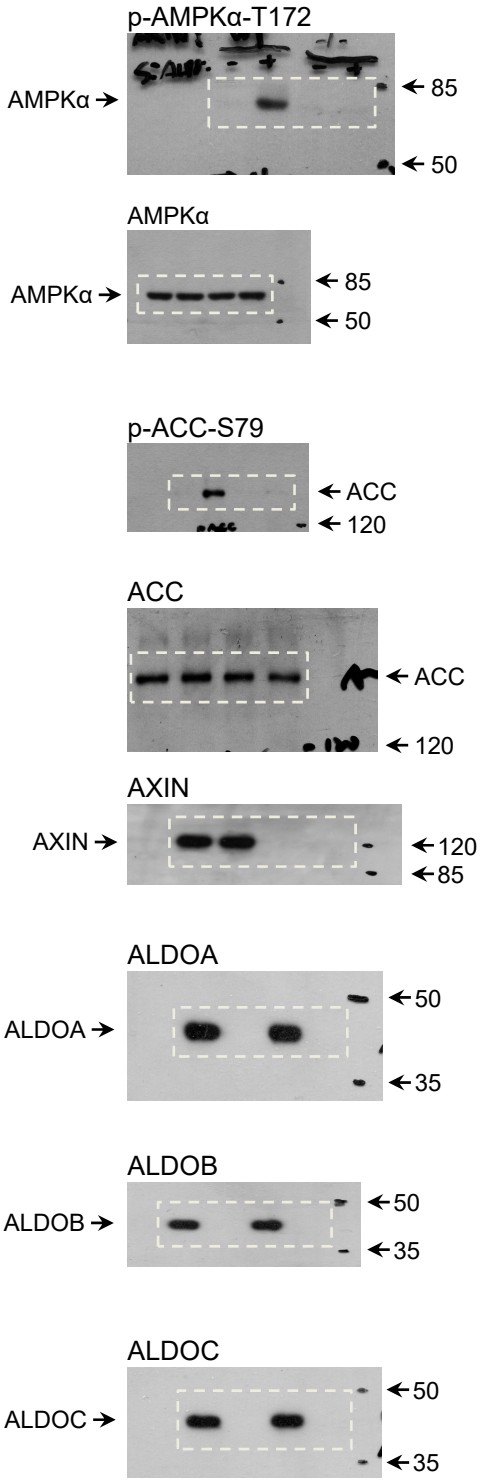

p-AMPKα-T172
AMPKα
85
50
AMPKα
AMPKα
85
50
p-ACC-S79
ACC
120
ACC
ACC
120
AXIN
AXIN
120
85
ALDOA
ALDOA
50
35
ALDOB
ALDOB
50
35
ALDOC
ALDOC
50
35

Fig. 4c

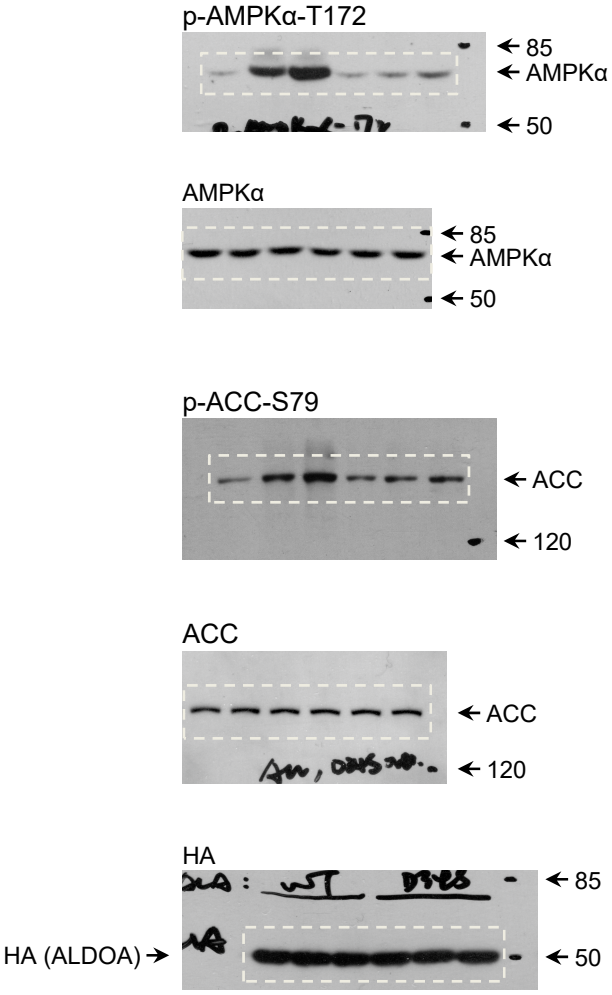
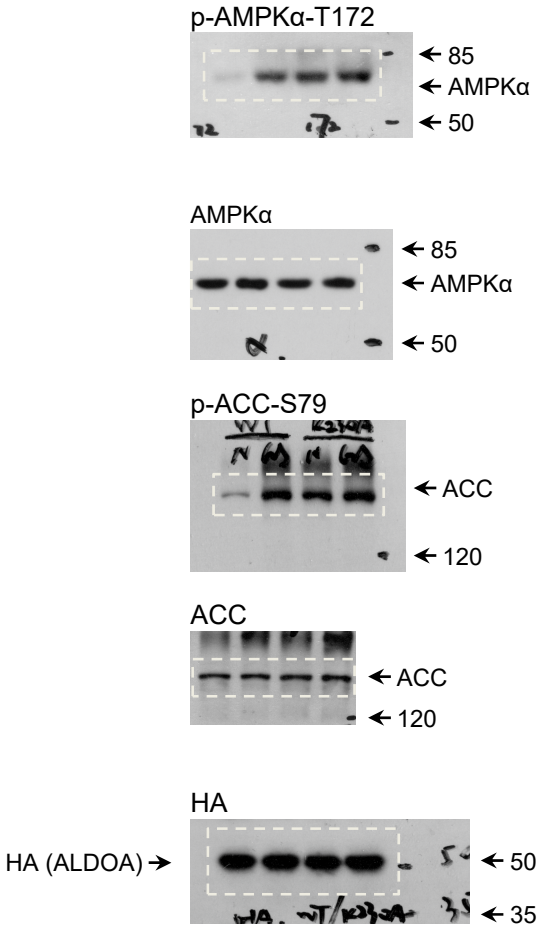
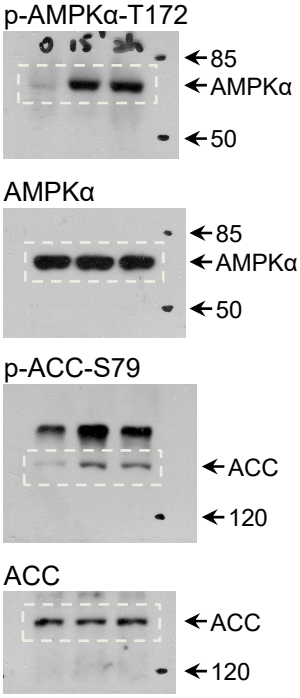

p-AMPKα-T172
85
AMPKα
50
AMPKα
85
AMPKα
50
p-ACC-S79
ACC
120
ACC
ACC
120
HA
HA (ALDOA)
85
50

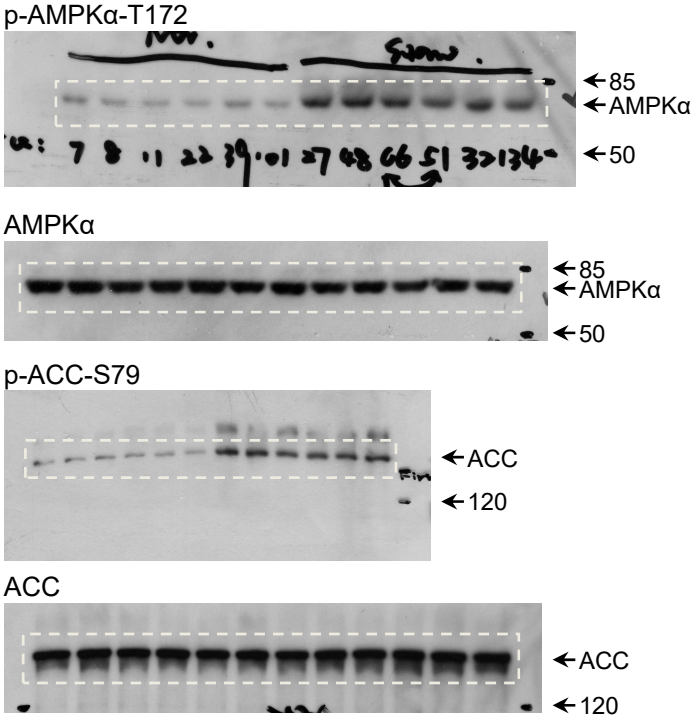
Fig. 4d


p-AMPKα-T172
85
AMPKα
50
AMPKα
85
AMPKα
50
p-ACC-S79
ACC
120
ACC
ACC
120
HA
HA (ALDOA)
50
35

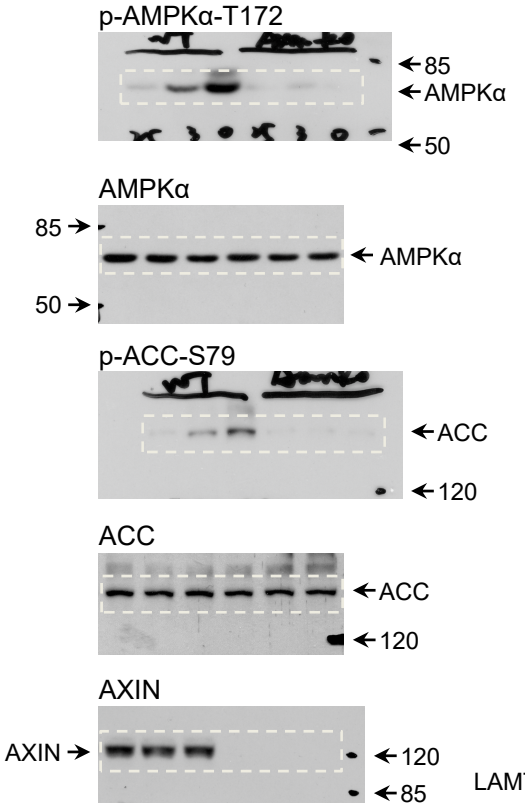
Extended Data Fig. 1b



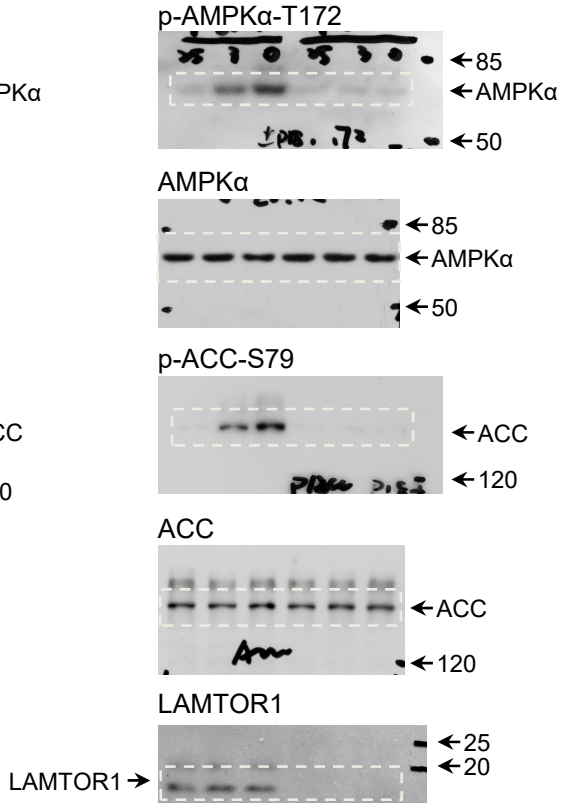
Extended Data Fig. 1f



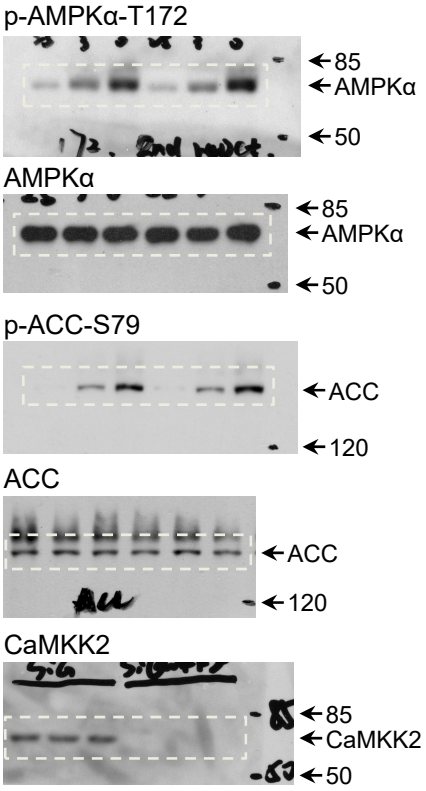
Extended Data Fig. 2a



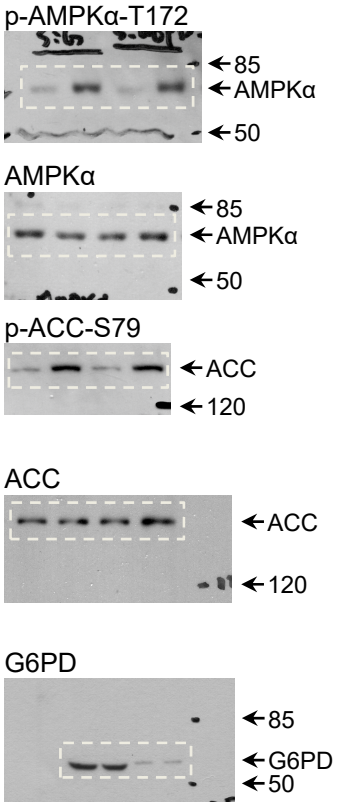
Extended Data Fig. 2b



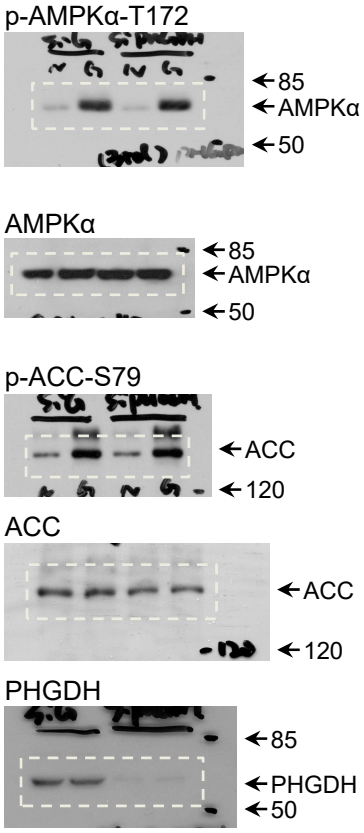
Extended Data Fig. 2d



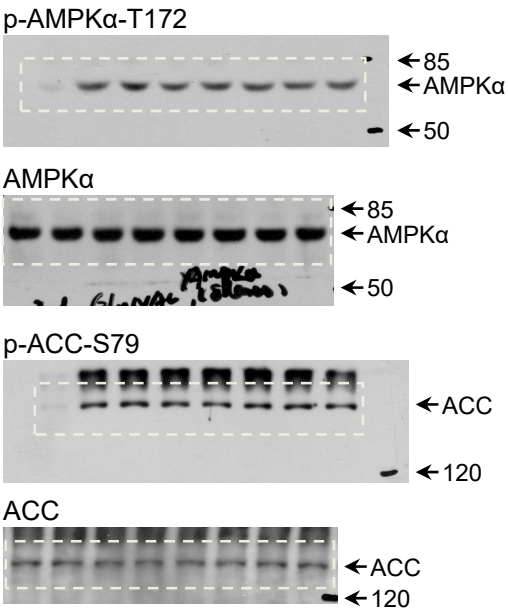
Extended Data Fig. 3b



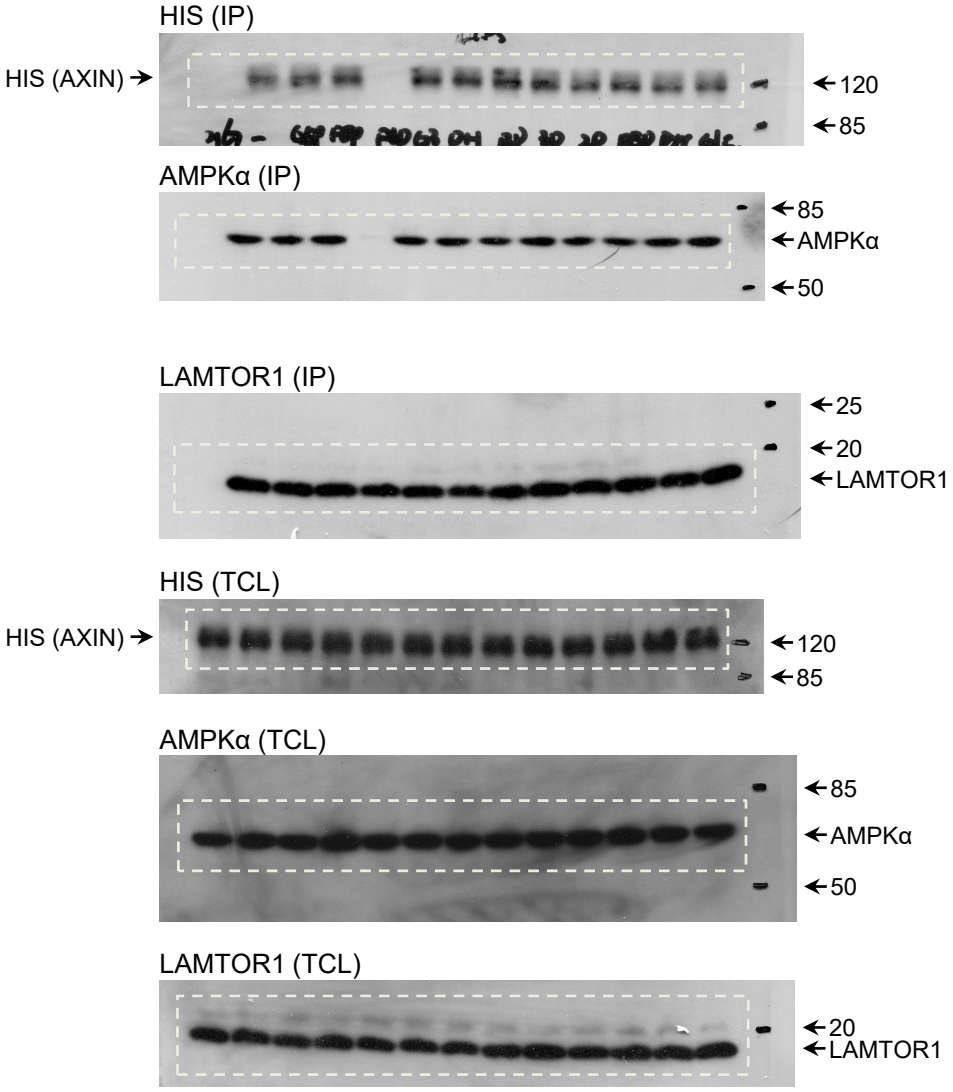
Extended Data Fig. 3c



Extended Data Fig. 3d

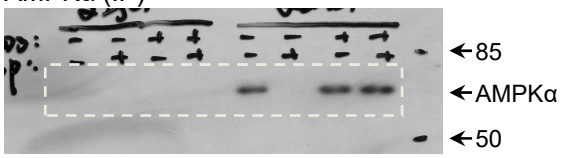


Extended Data Fig. 4a

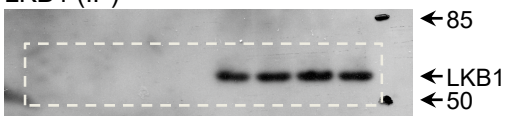


Extended Data Fig. 4b

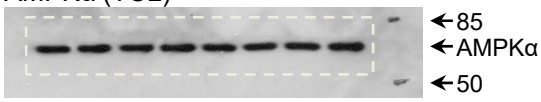
AMPKα (IP)



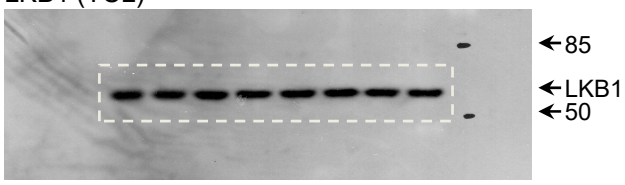
LKB1 (IP)



AMPKα (TCL)

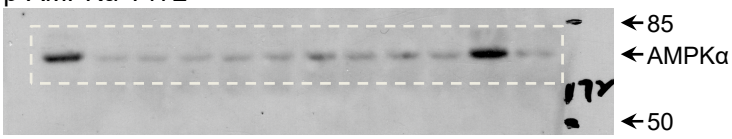


LKB1 (TCL)

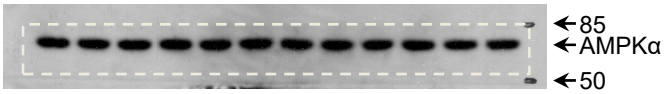


Extended Data Fig. 4j

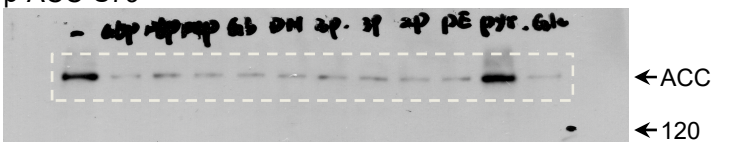
p-AMPKα-T172



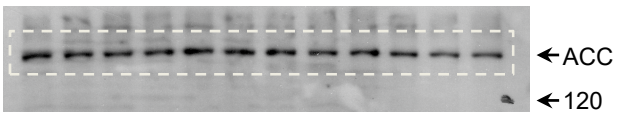
AMPKα



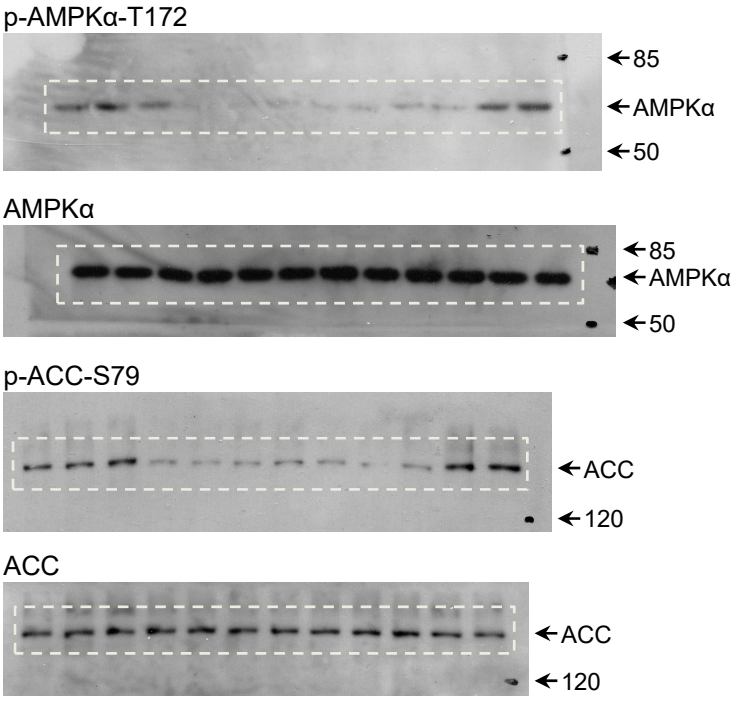
p-ACC-S79



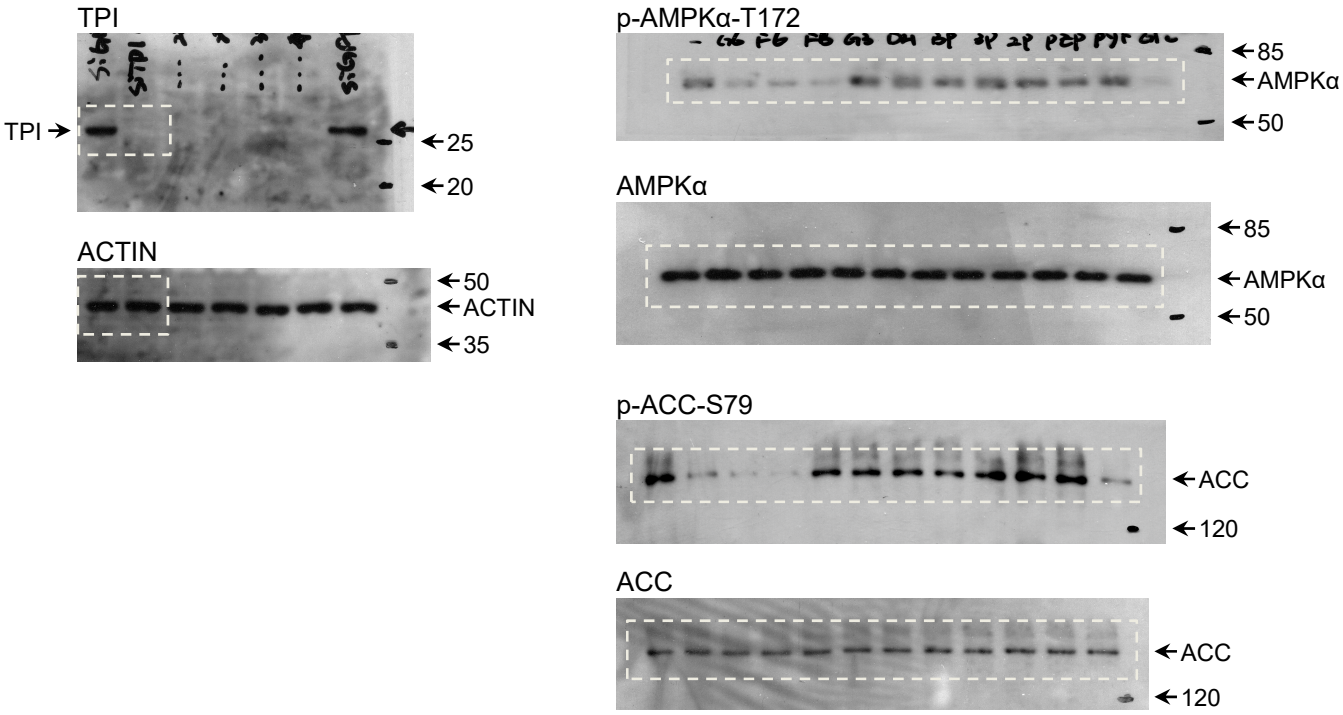
ACC



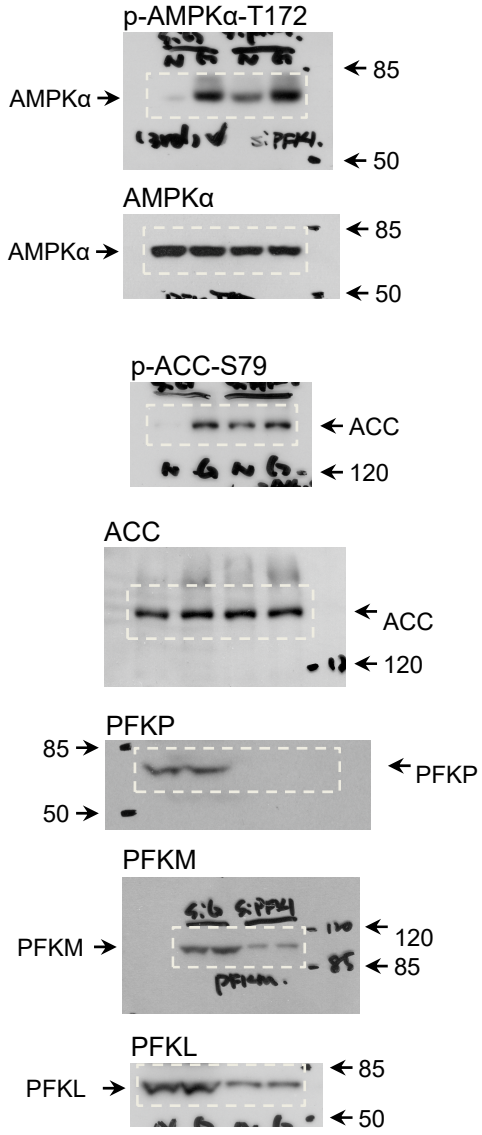
Extended Data Fig. 4k



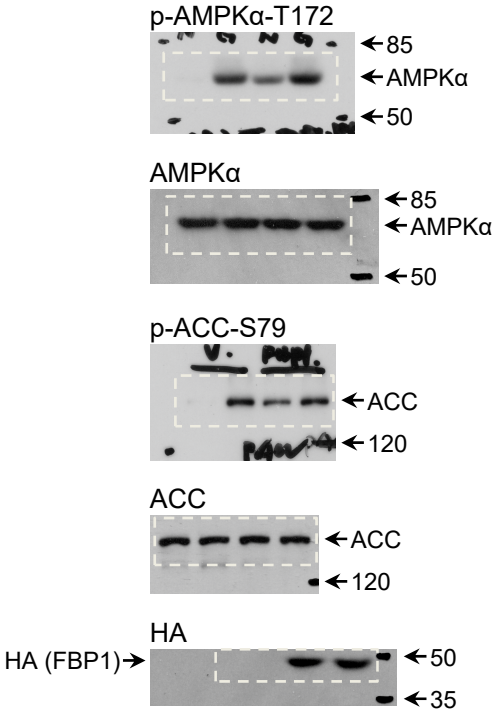
Extended Data Fig. 4l



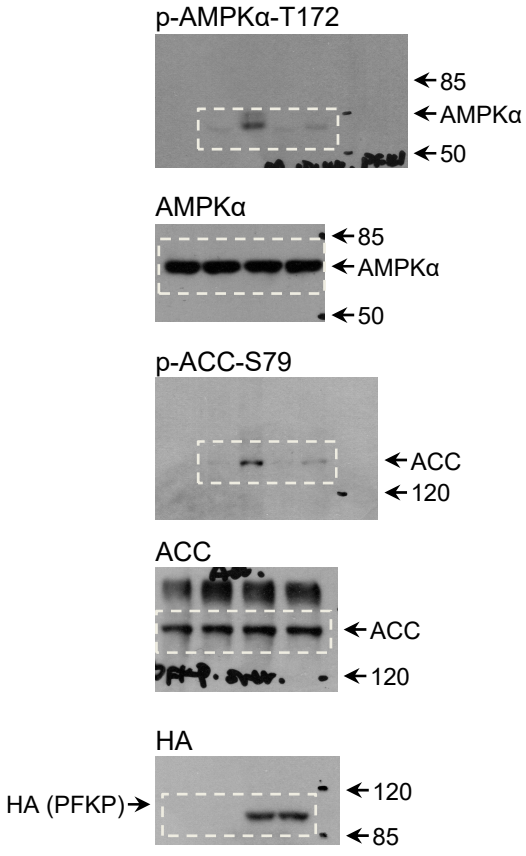
Extended Data Fig. 5a



Extended Data Fig. 5b

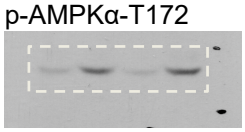


Extended Data Fig. 5c

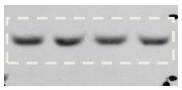


Extended Data Fig. 5d

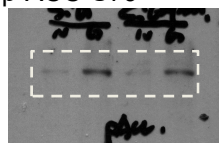
p-AMPKα-T172



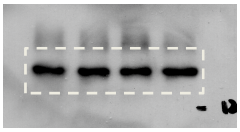
AMPKα



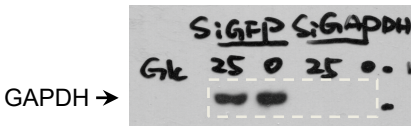
p-ACC-S79



ACC

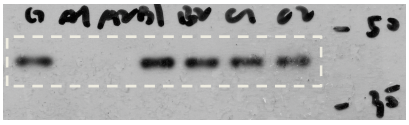


GAPDH

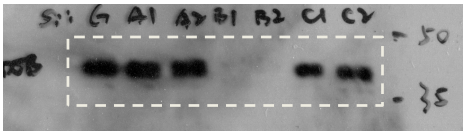


Extended Data Fig. 6b

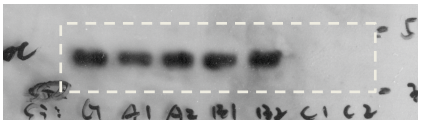
ALDOA



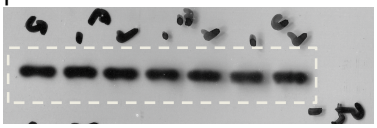
ALDOB



ALDOC

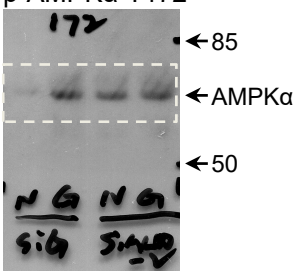


β-tubulin

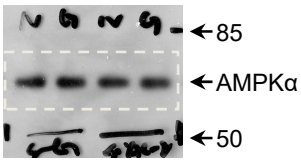


Extended Data Fig. 6d

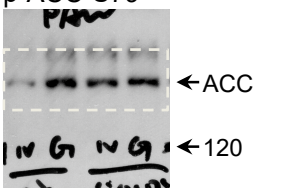
p-AMPKα-T172



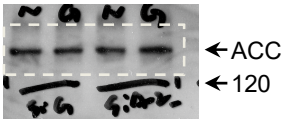
AMPKα



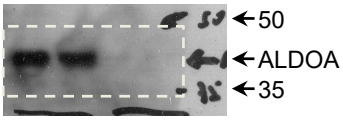
p-ACC-S79



ACC



ALDOA



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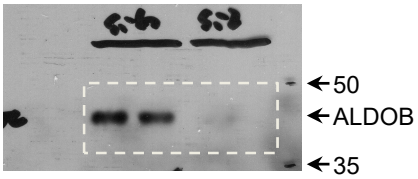
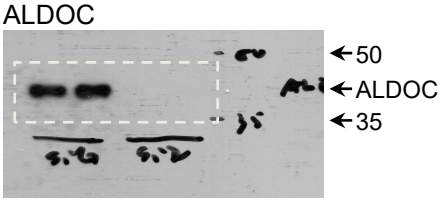
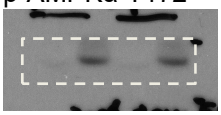


ALDOC

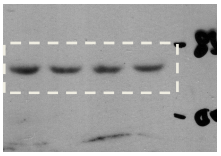


Extended Data Fig. 6e

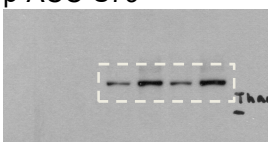
p-AMPKα-T172



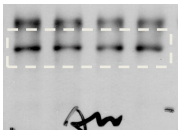
AMPKα



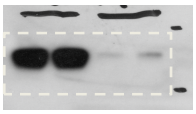
p-ACC-S79



ACC



PKM1/2



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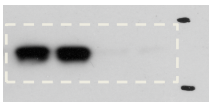
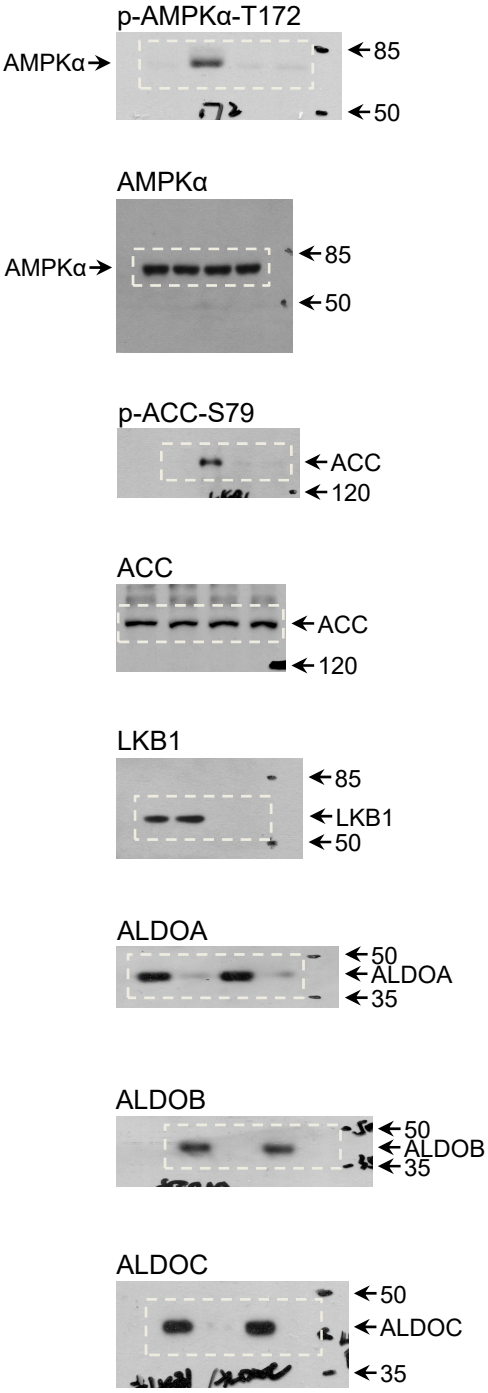
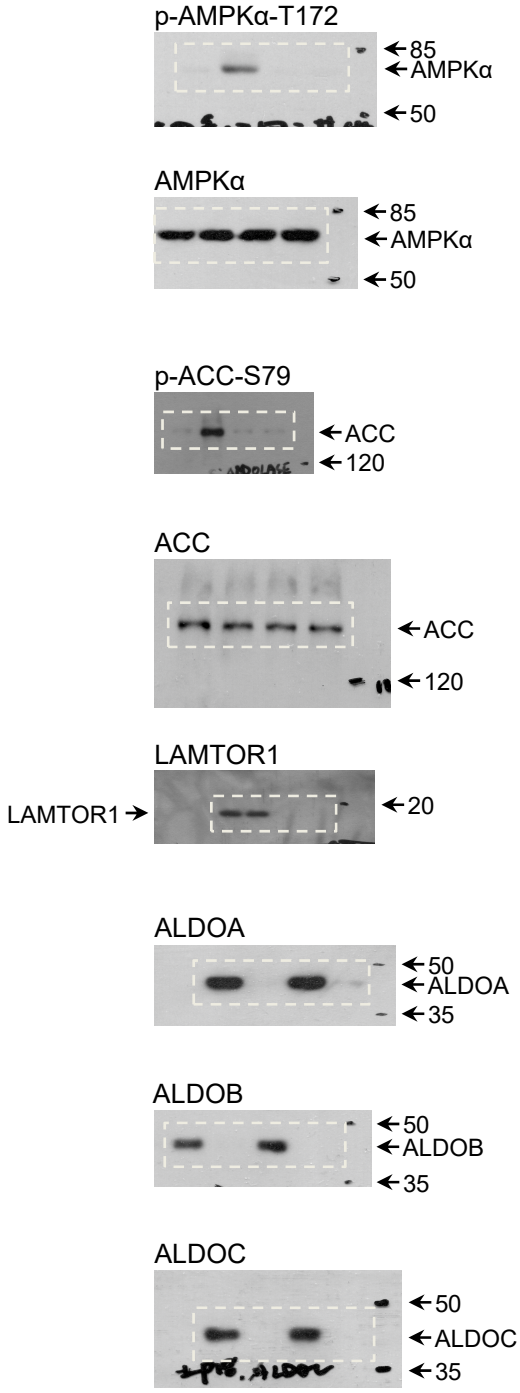


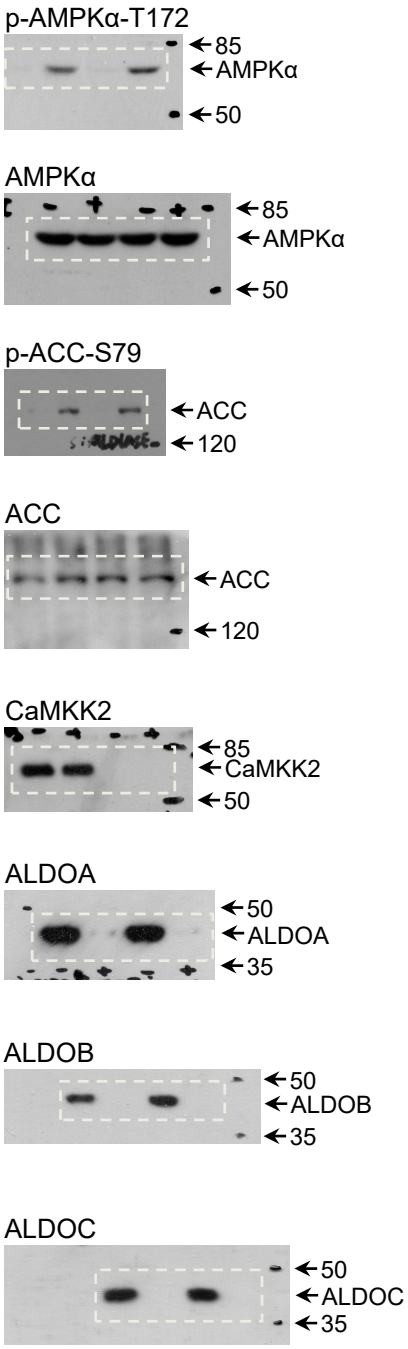
Extended Data Fig. 6g



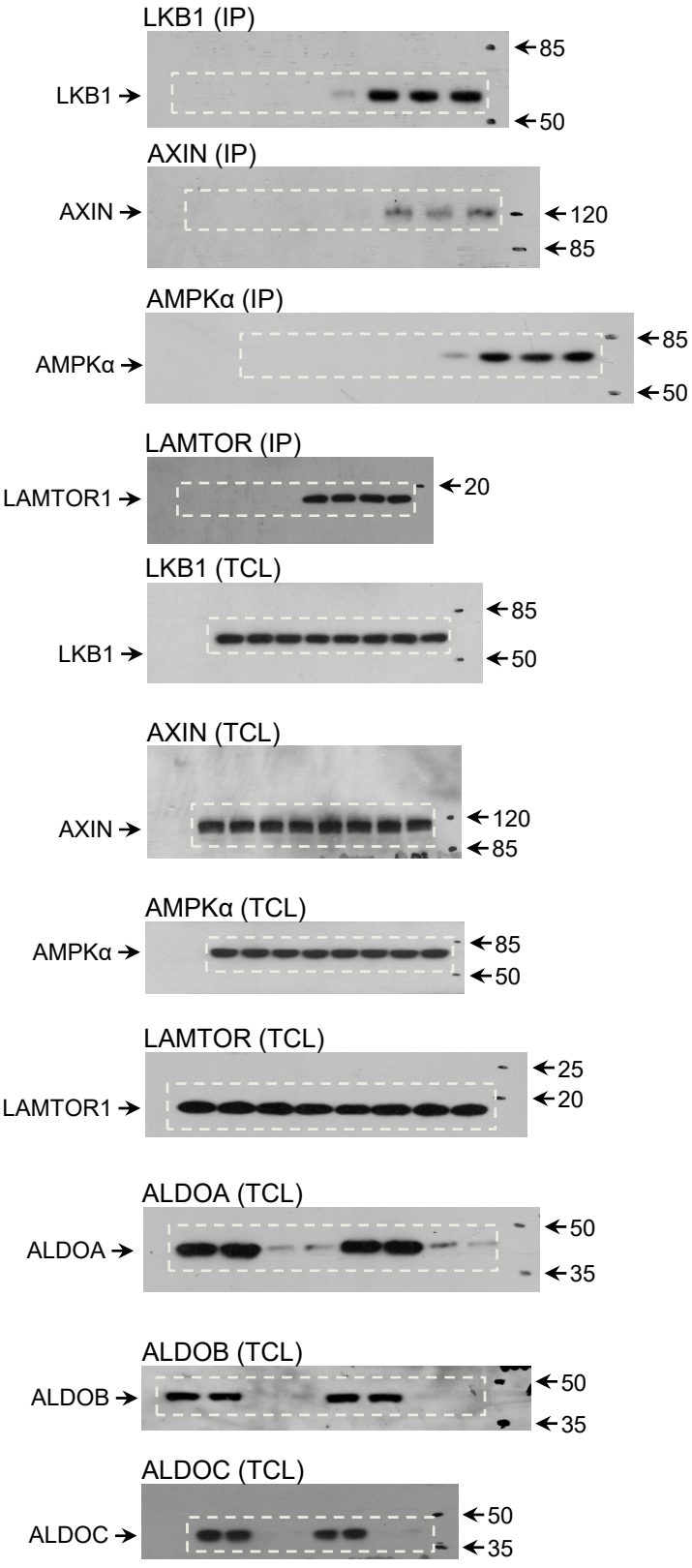
Extended Data Fig. 6h



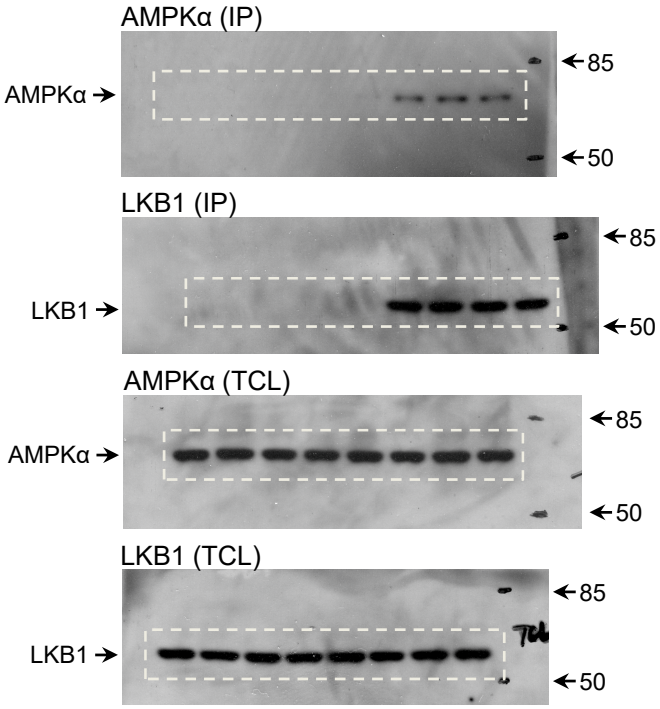
Extended Data Fig. 6i



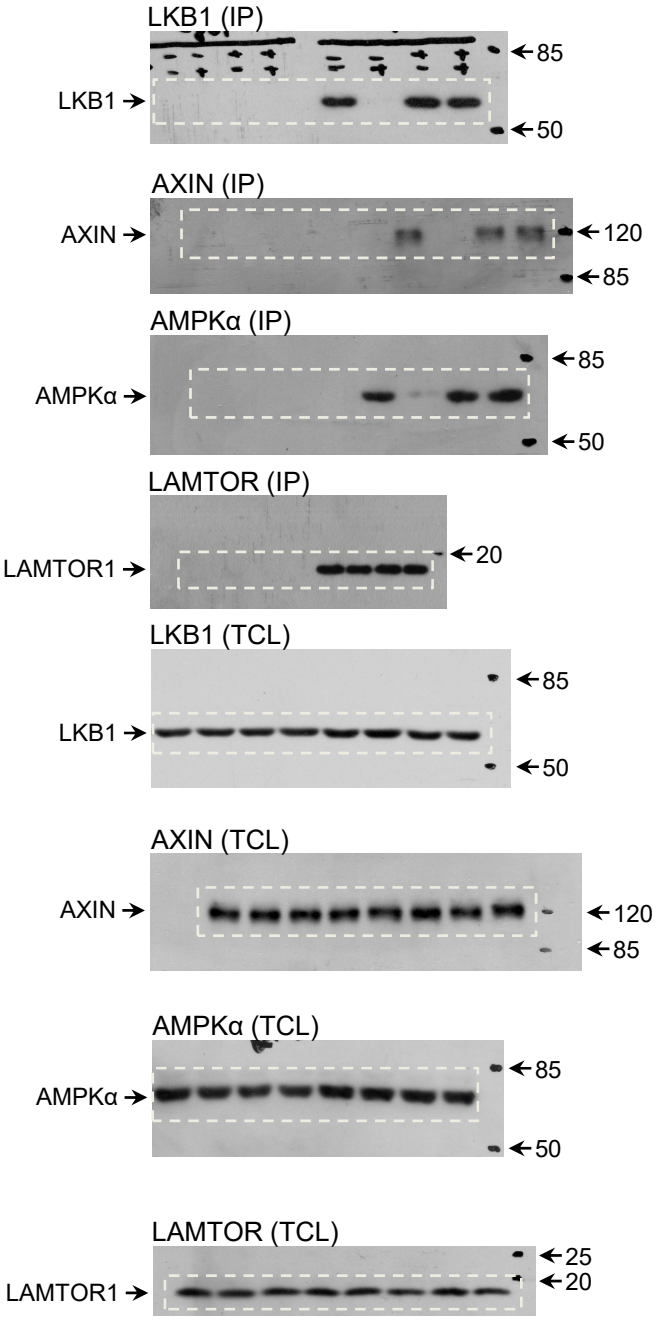
Extended Data Fig. 6j



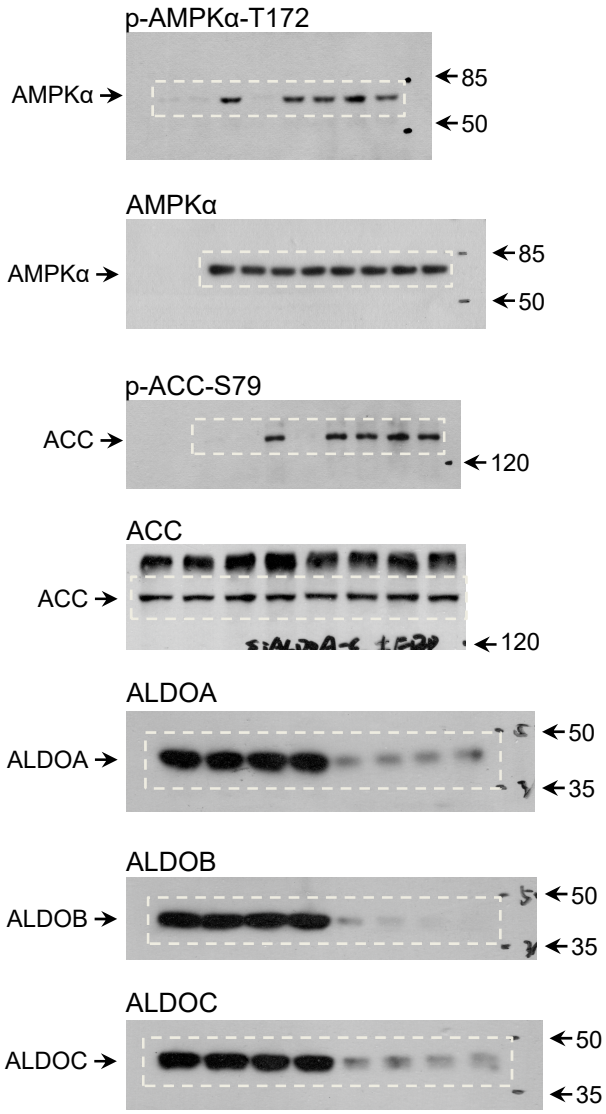
Extended Data Fig. 6k



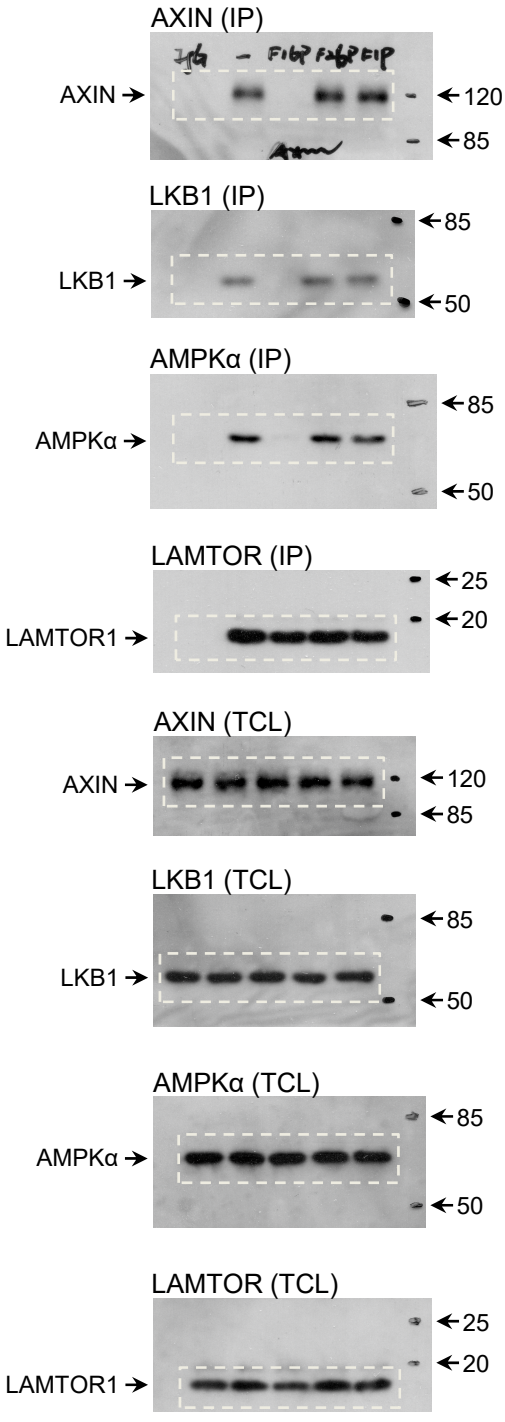
Extended Data Fig. 6l



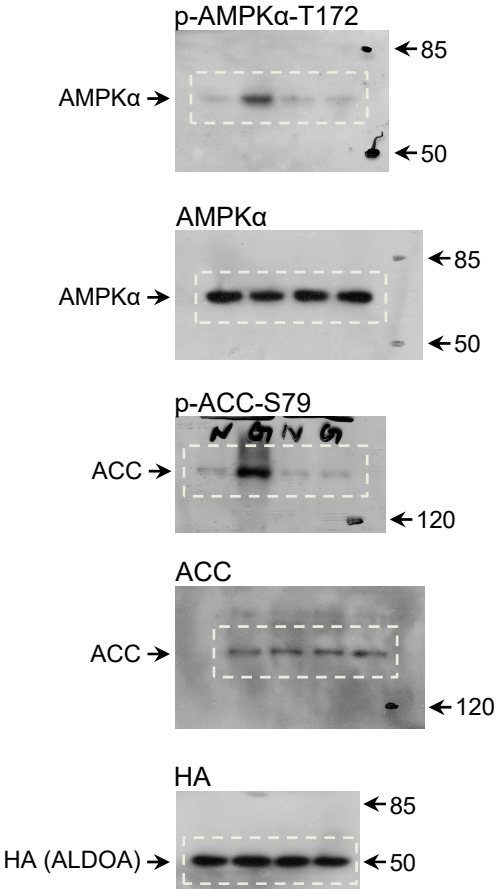
Extended Data Fig. 6m



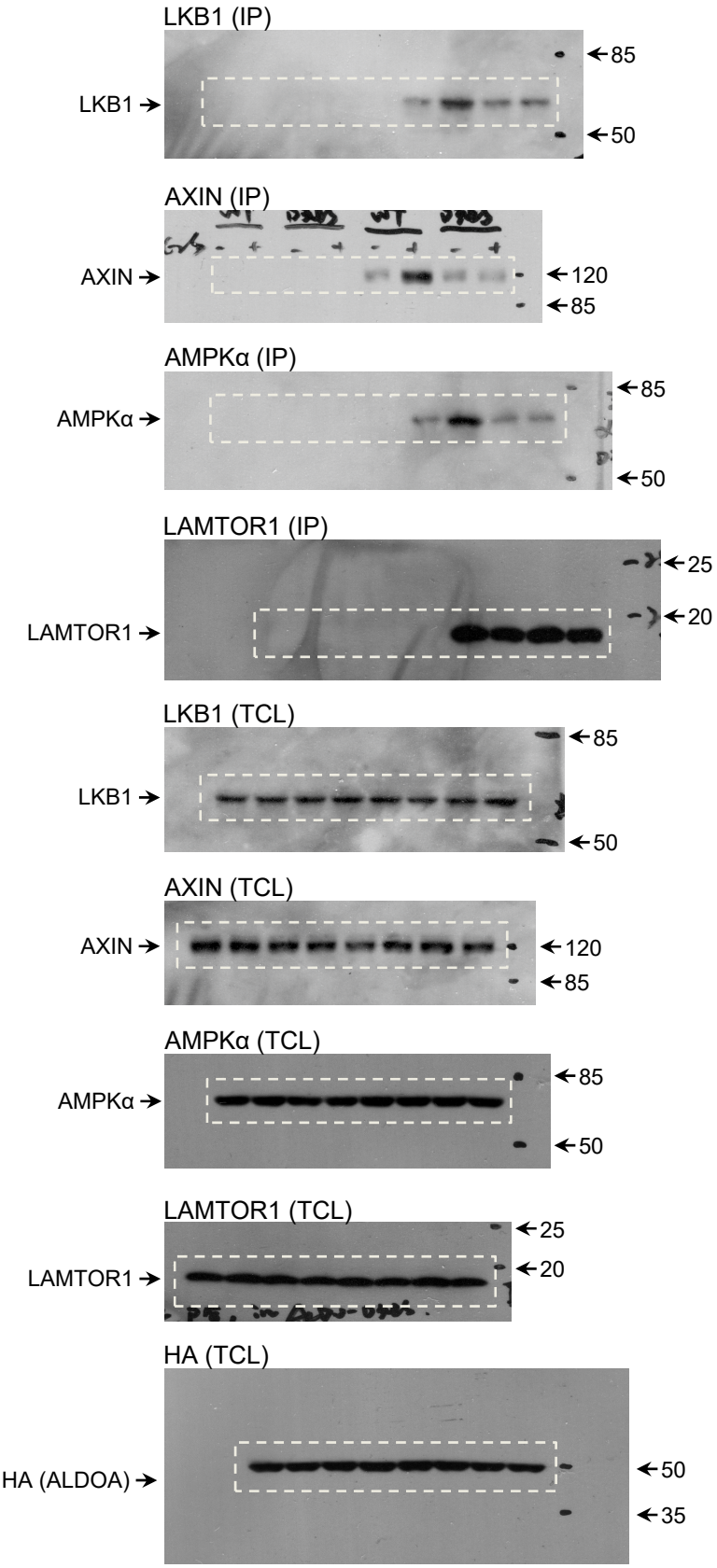
Extended Data Fig. 6n



Extended Data Fig. 8b

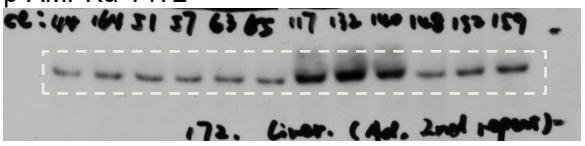


Extended Data Fig. 8c

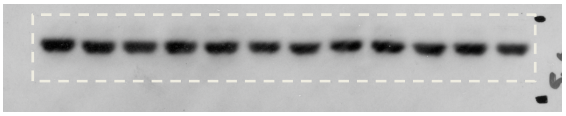


Extended Data Fig. 8d

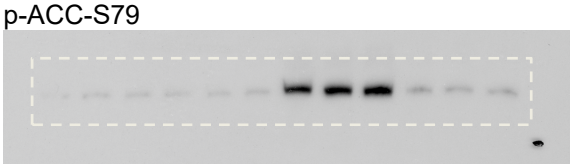
p-AMPKα-T172



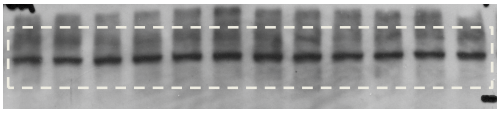
AMPKα



p-ACC-S79

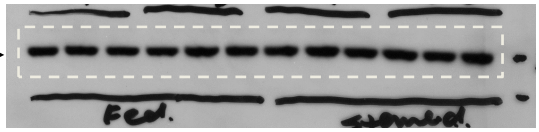


ACC

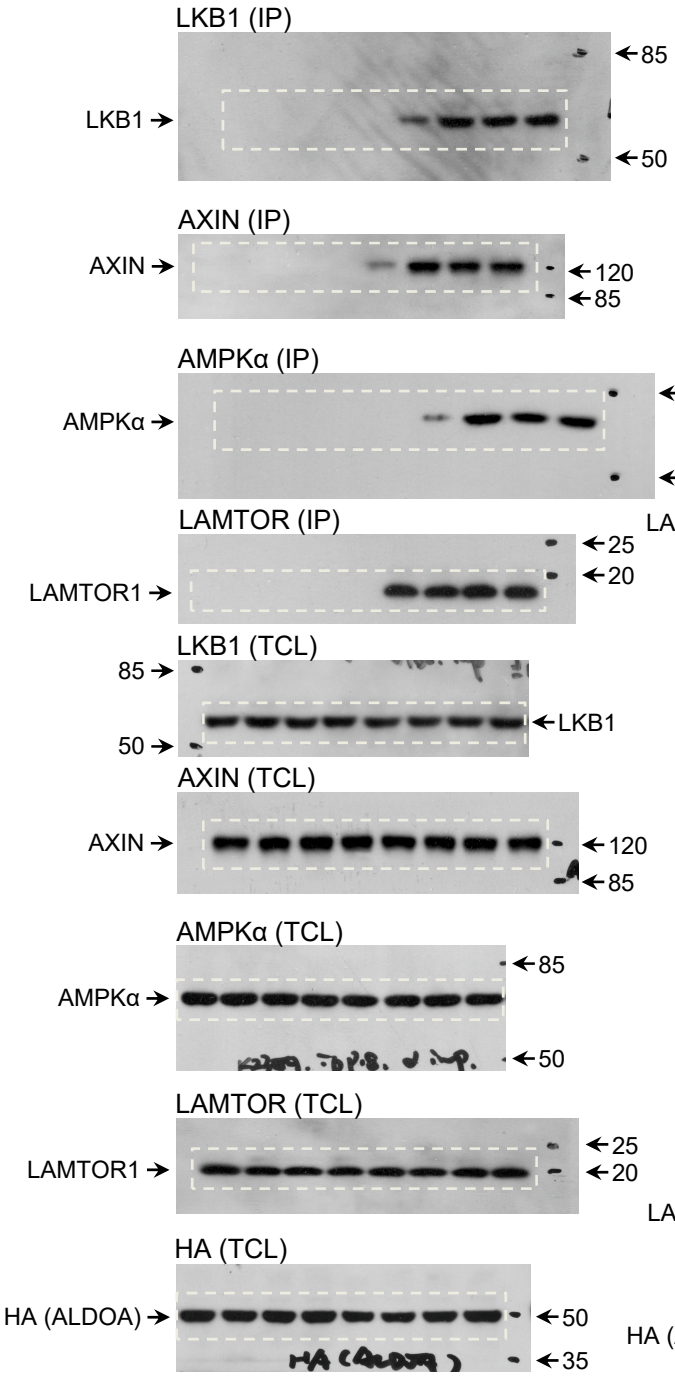


HA

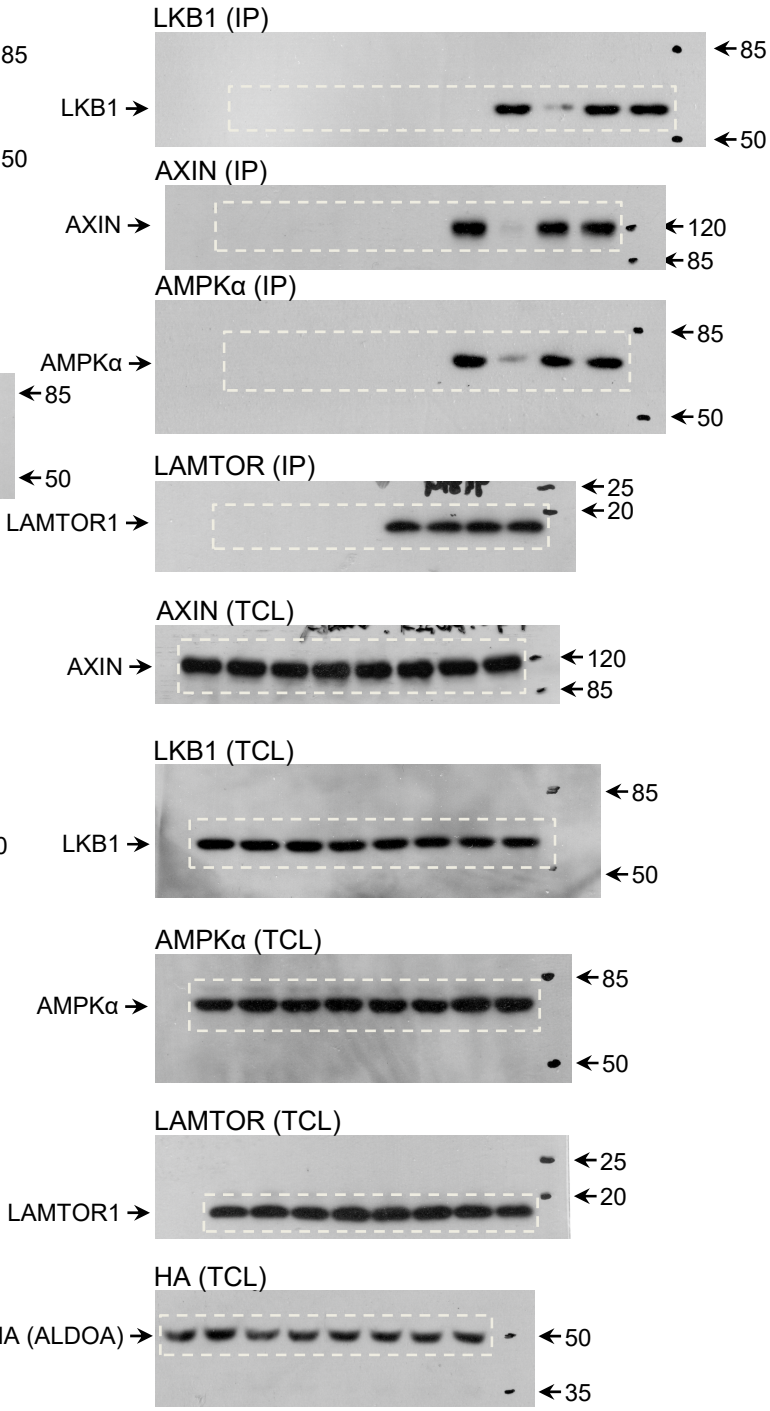
HA (ALDOA)



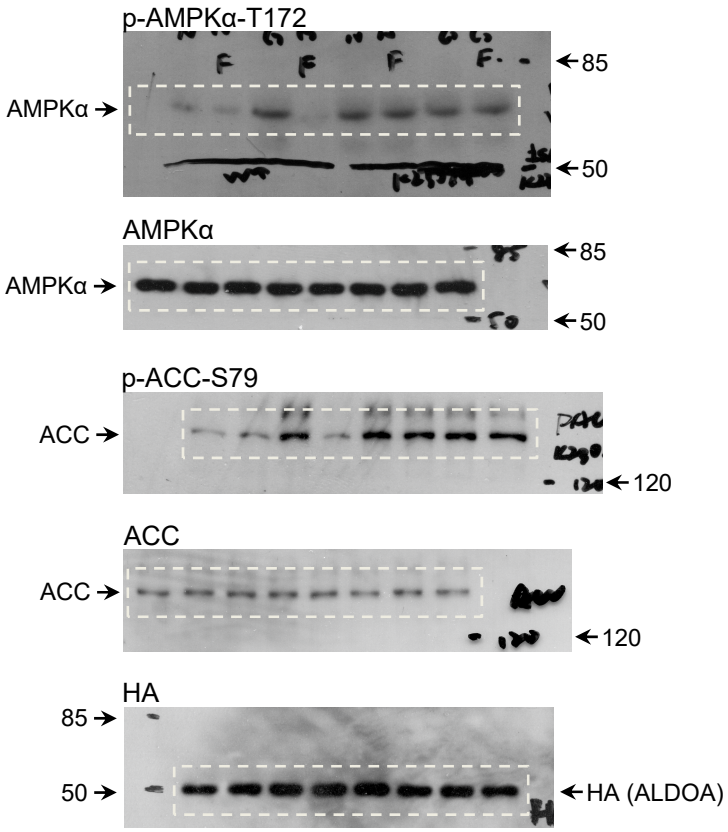
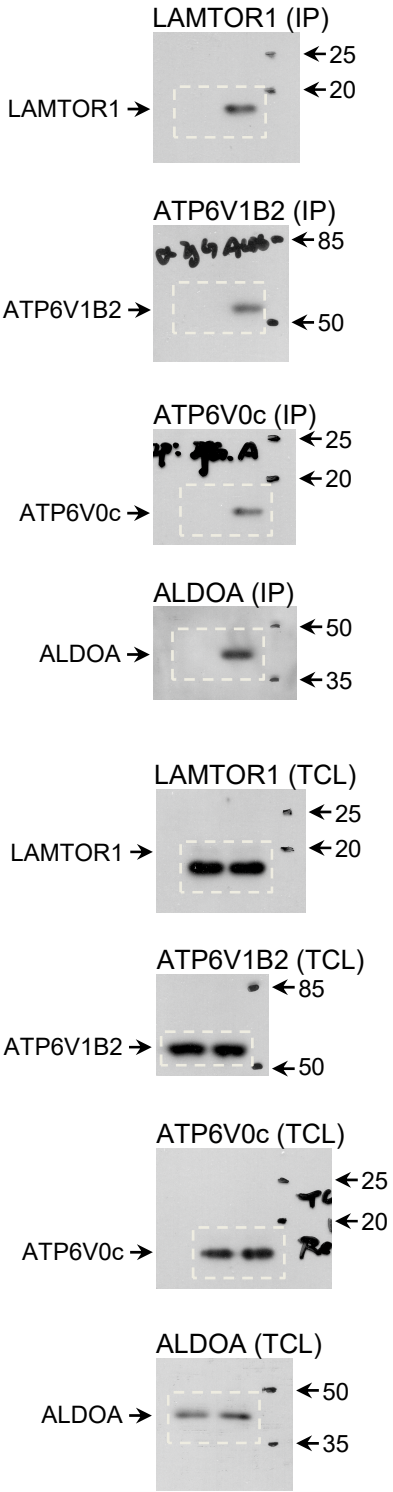
Extended Data Fig. 8e



Extended Data Fig. 8f



Extended Data Fig. 8g



Extended Data Fig. 10b