

Supplementary Figures

Figure2

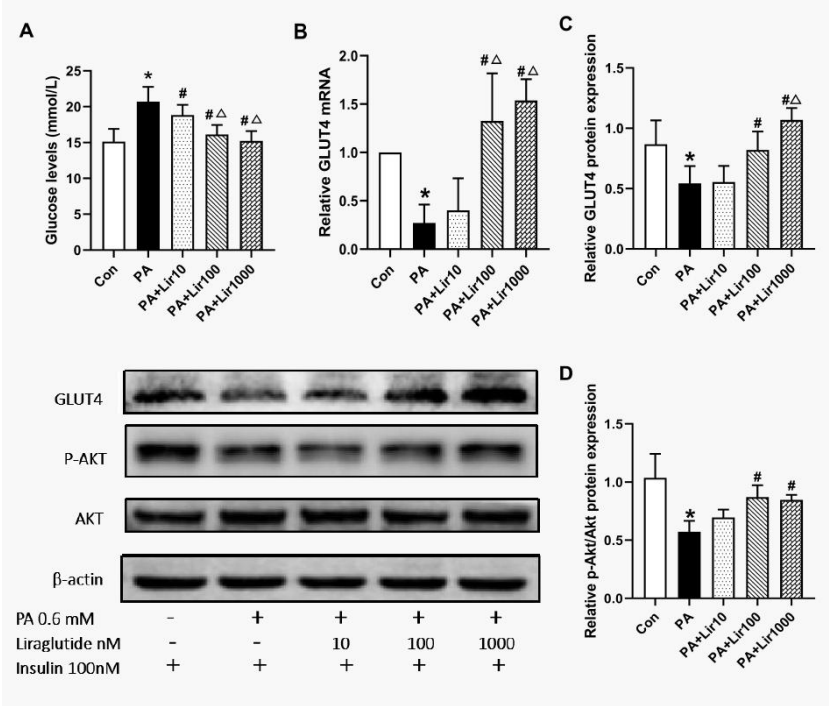
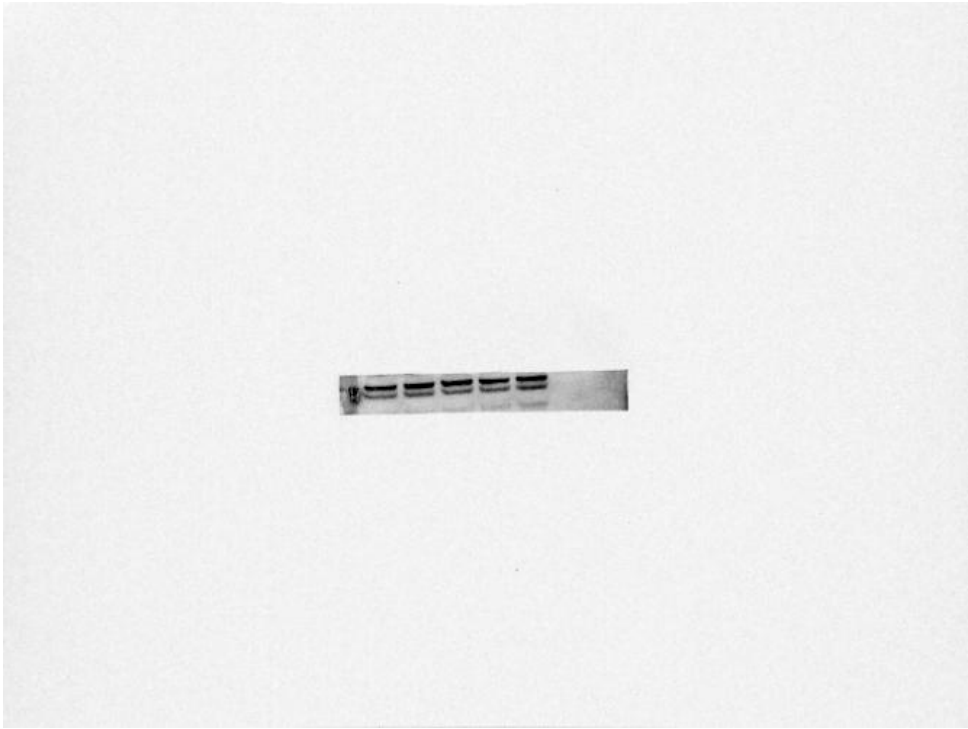


Figure S1



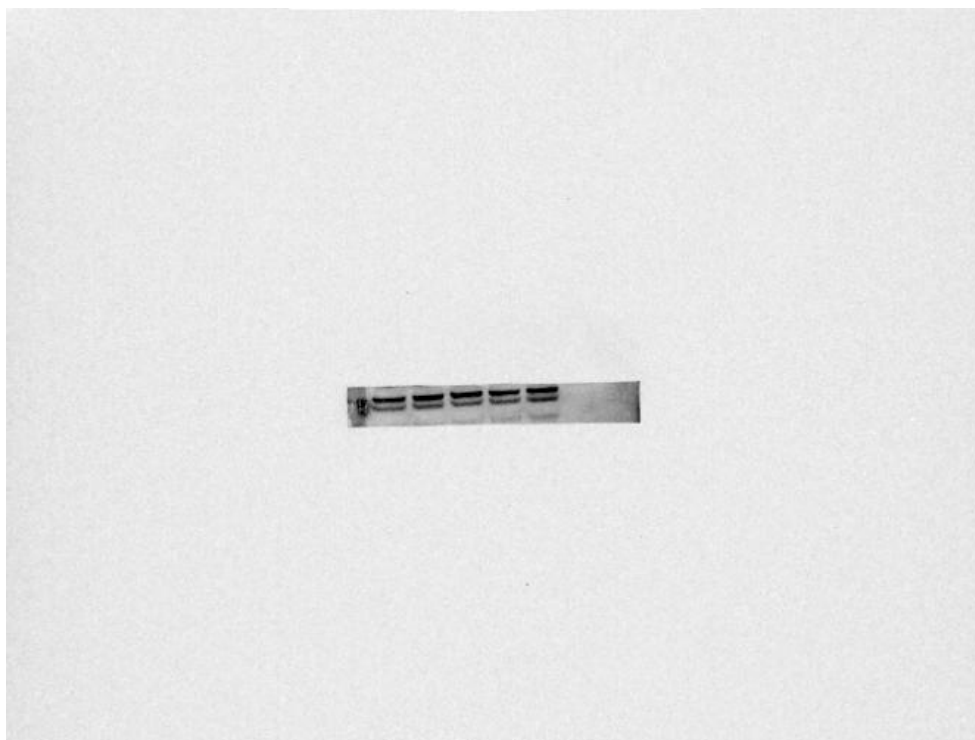


Figure S1 shows the gel and blotting of AKT in each group, from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of AKT in Figure 2)

Figure S2





Figure S2 shows the gel and blotting of GLUT4 in each group, from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of GLUT4 in Figure 2)

Figure S3

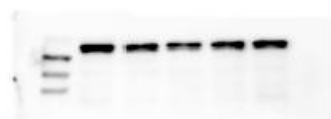




Figure S3 shows the gel and blotting of p-AKT in each group , from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of p-AKT in Figure 2)

Figure S4

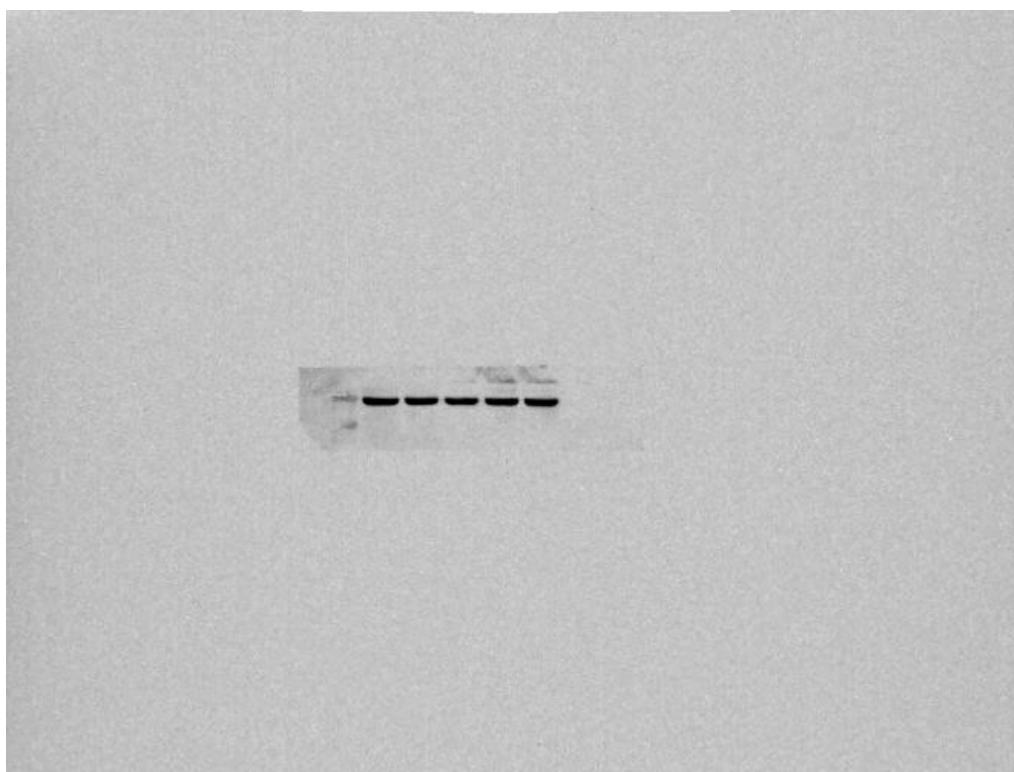


Figure S4 shows the gel and blotting of β -actin in each group, from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of β -actin in Figure 2)

Figure 3

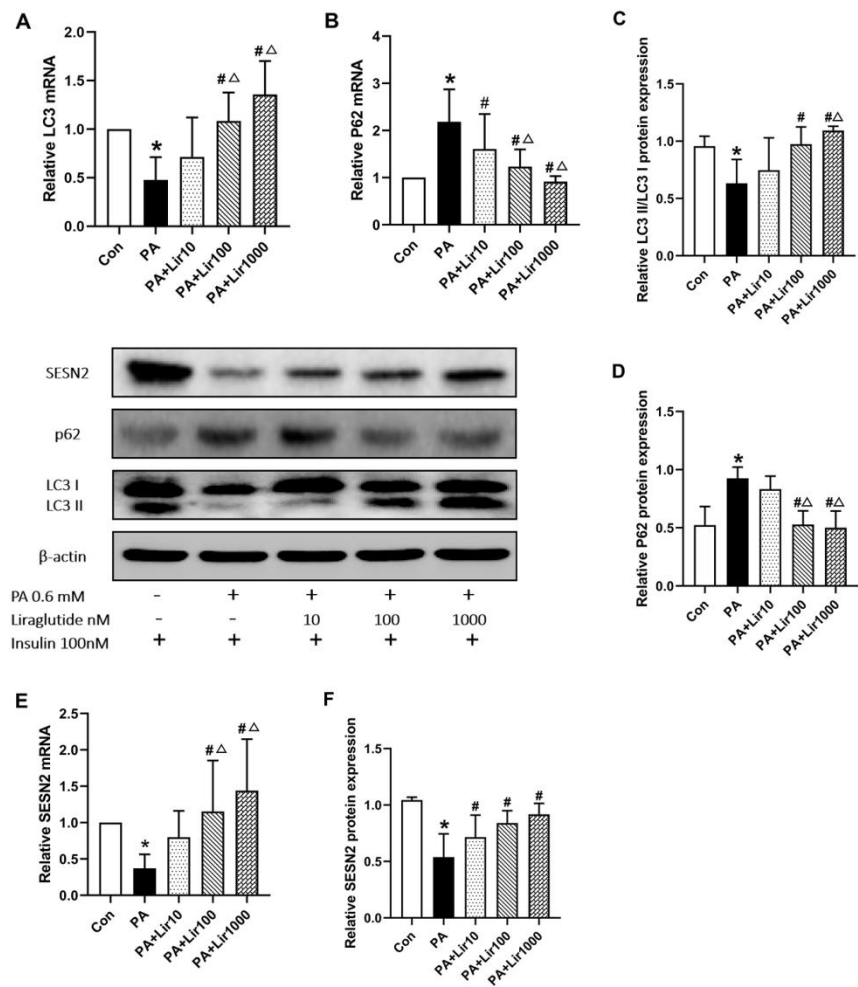
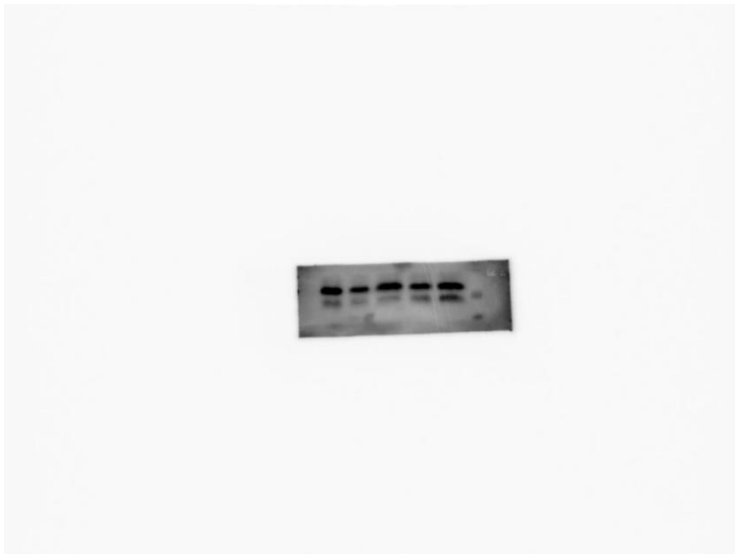


Figure S5



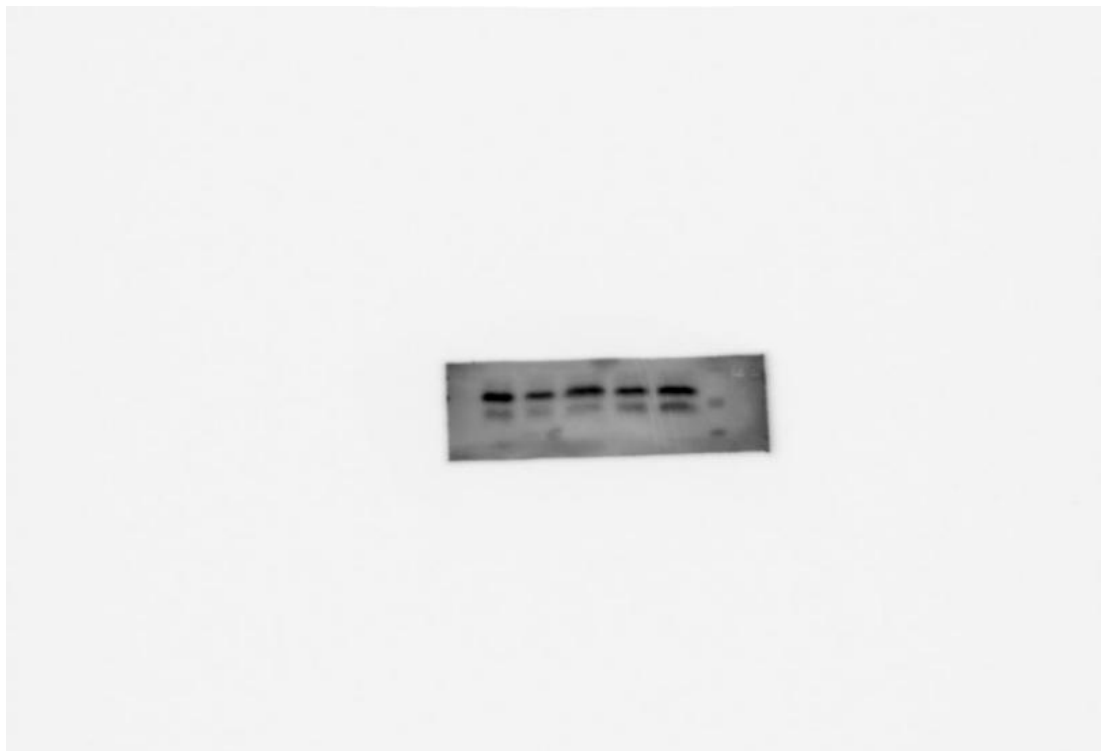
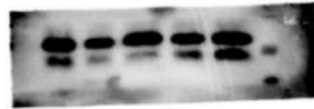


Figure S5 shows the gel and blotting of LC3 in each group, from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of LC3 in Figure 3)

Figure S6

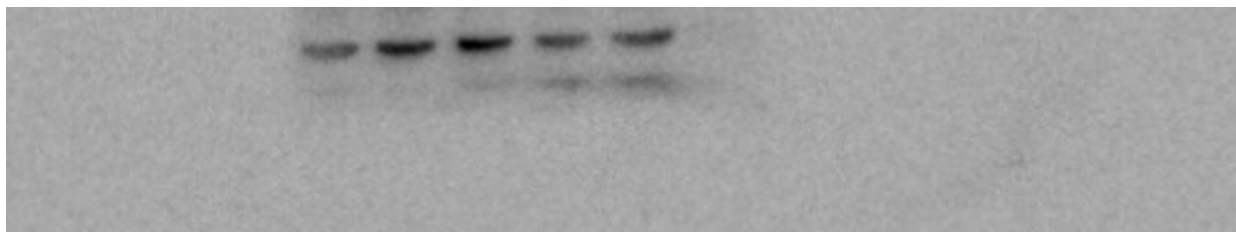


Figure S6 shows the gel and blotting of P62 in each group, from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of P62 in Figure 3)

Figure S7



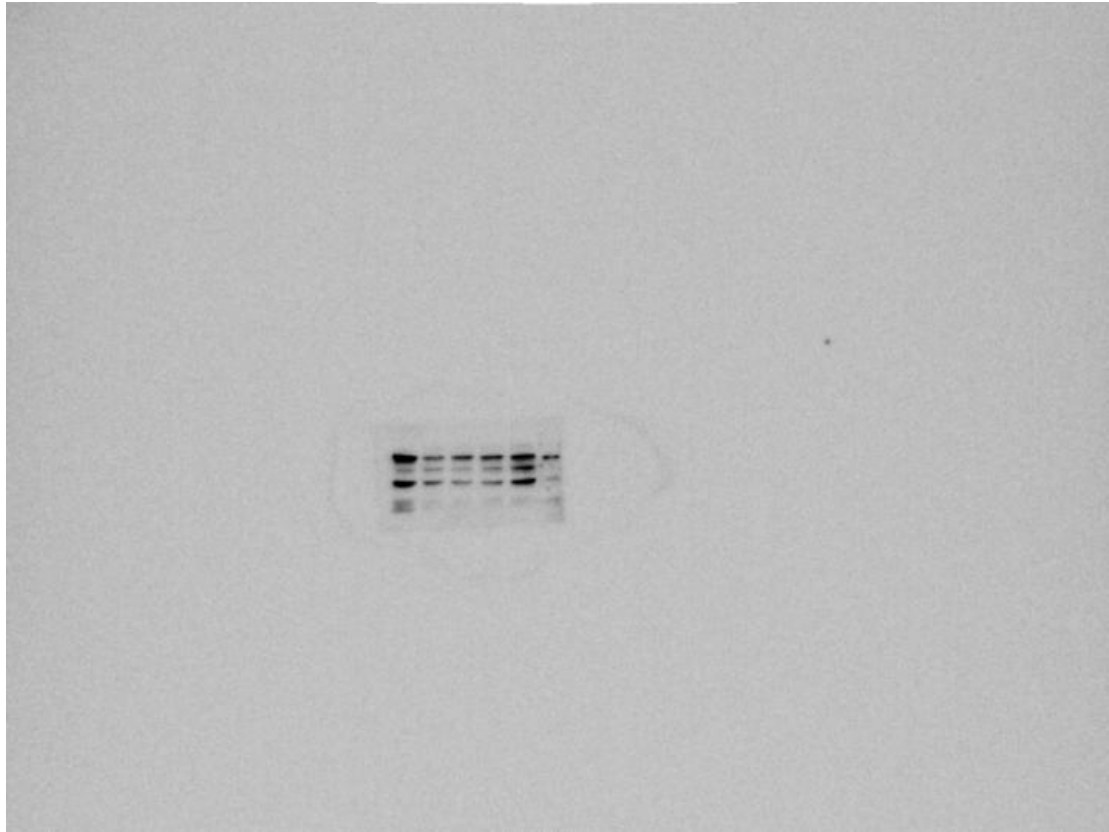


Figure S7 shows the gel and blotting of SESN2 in each group, from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of SESN2 in Figure 3)

Figure S8

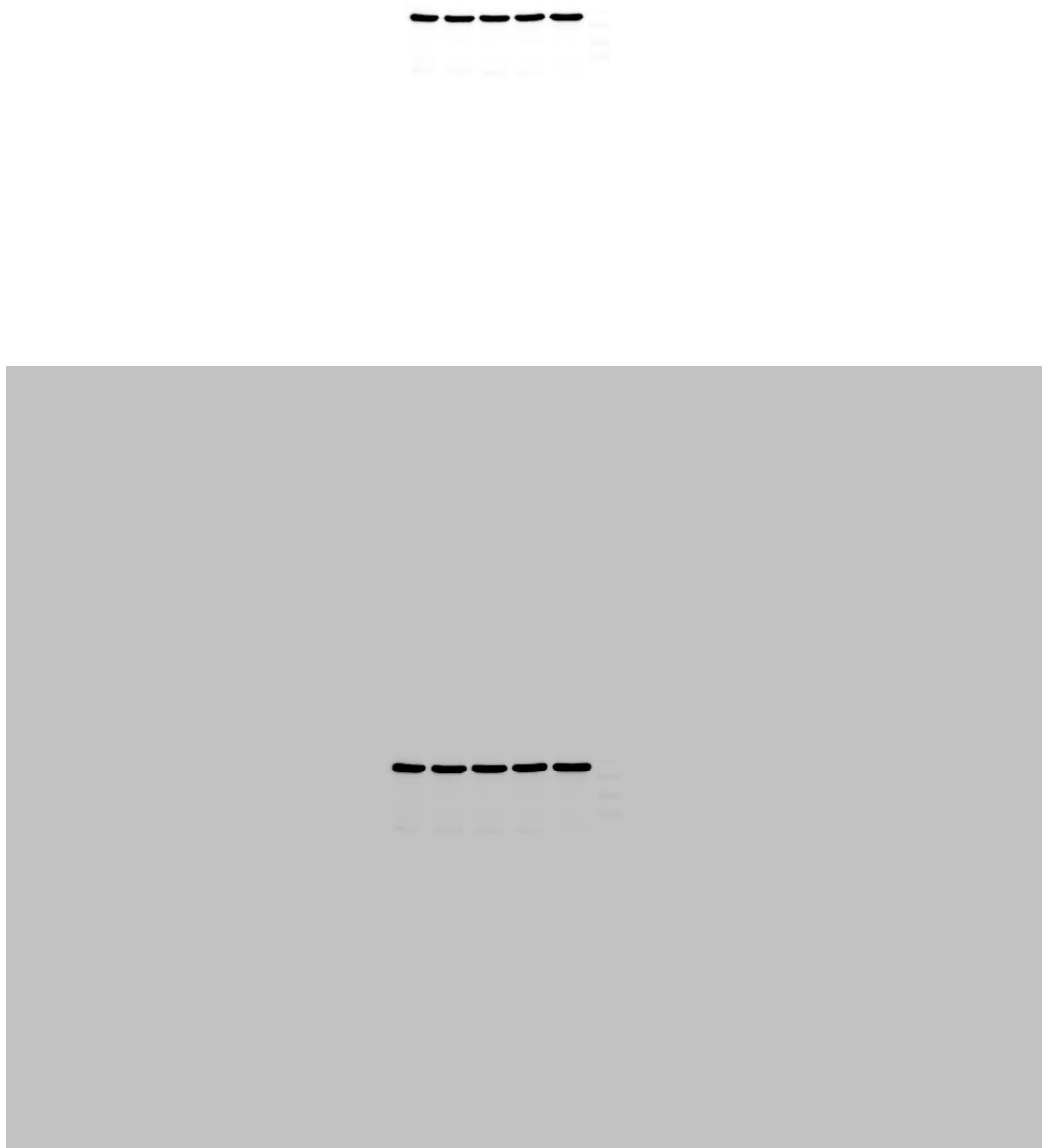


Figure S8 shows the gel and blotting of β -actin in each group, from left to right are groups Con, PA, Lir10, Lir100 and Lir1000. (gels/blots of β -actin in Figure 3)

Figure 4

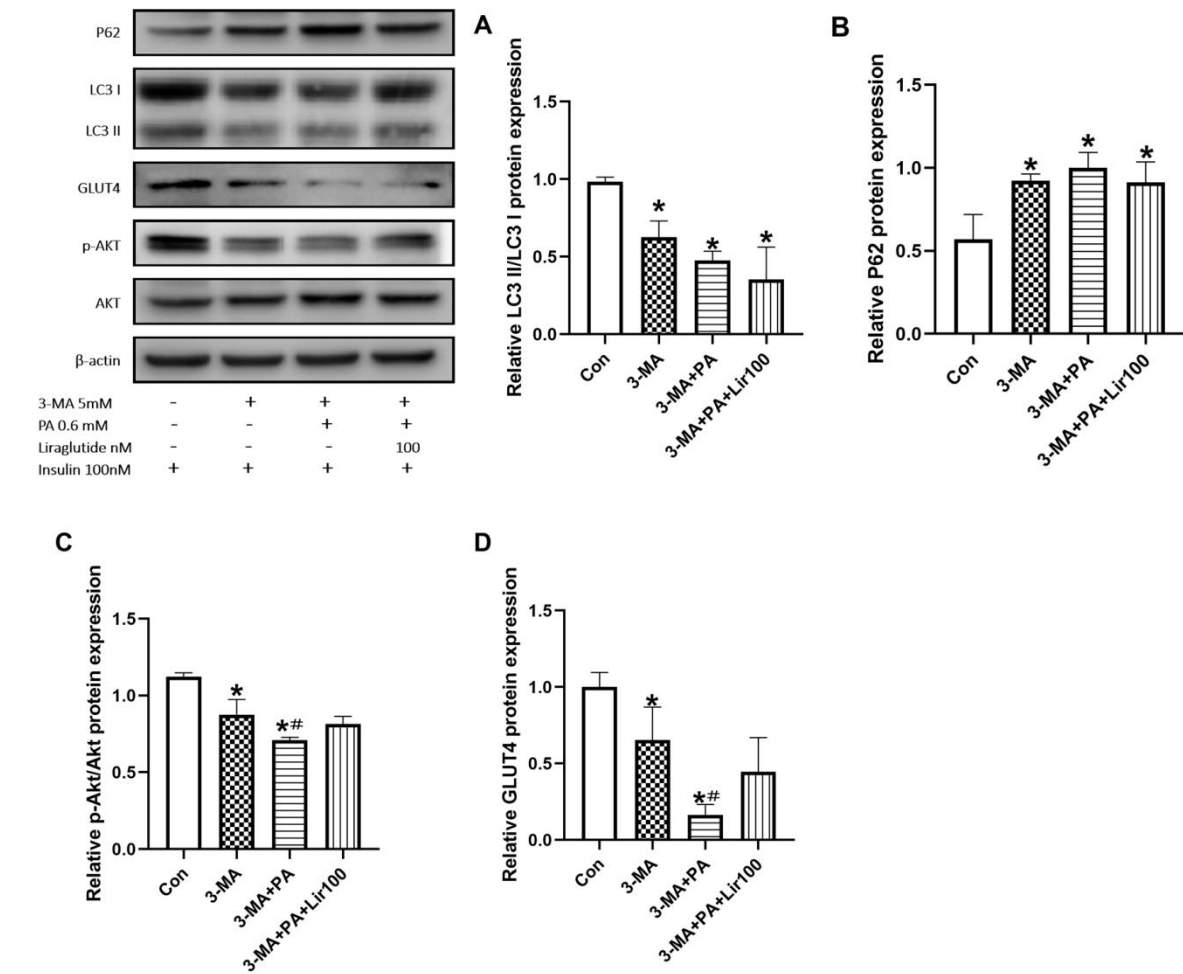


Figure S9

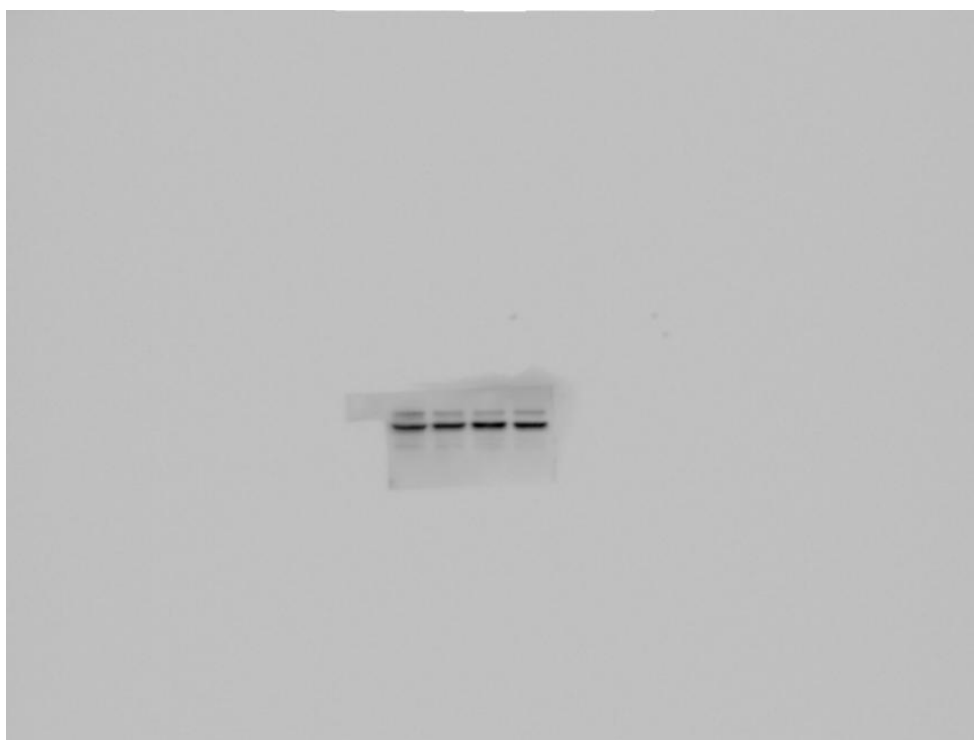


Figure S9 shows the gel and blotting of AKT in each group, from left to right are groups Con, 3-MA, 3-MA+PA and 3-MA+PA+Lir100. (gels/blots of AKT in Figure 4)

Figure S10

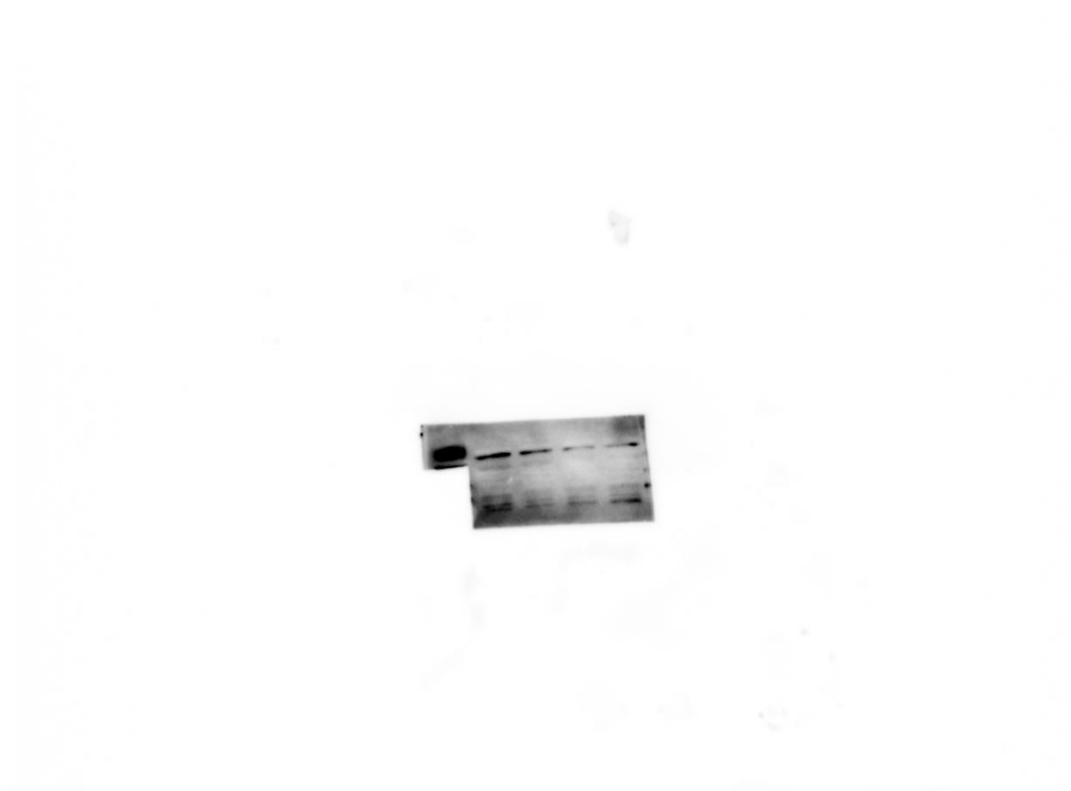


Figure S10 shows the gel and blotting of GLUT4 in each group , from left to right are groups Con, 3-MA, 3-MA+PA and 3-MA+PA+Lir100. (gels/blots of GLUT4 in Figure 4)

Figure S11



Figure S11 shows the gel and blotting of LC3 in each group, from left to right are groups Con, 3-MA, 3-MA+PA and 3-MA+PA+Lir100. (gels/blots of LC3 in Figure 4)

Figure S12

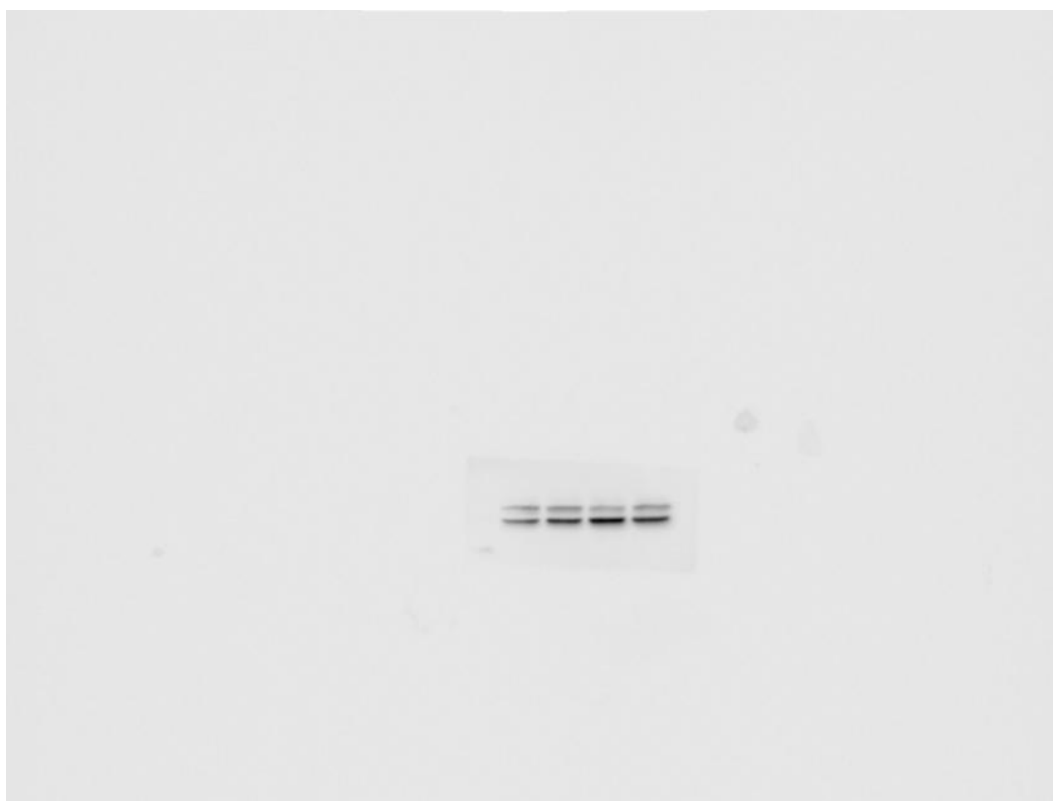


Figure S12 shows the gel and blotting of P62 in each group, from left to right are groups Con, 3-MA, 3-MA+PA and 3-MA+PA+Lir100. (gels/blots of P62 in Figure 4)

Figure S13



Figure S13 shows the gel and blotting of p-AKT in each group , from left to right are groups Con, 3-MA, 3-MA+PA and 3-MA+PA+Lir100. (gels/blots of p-AKT in Figure 4)

Figure S14

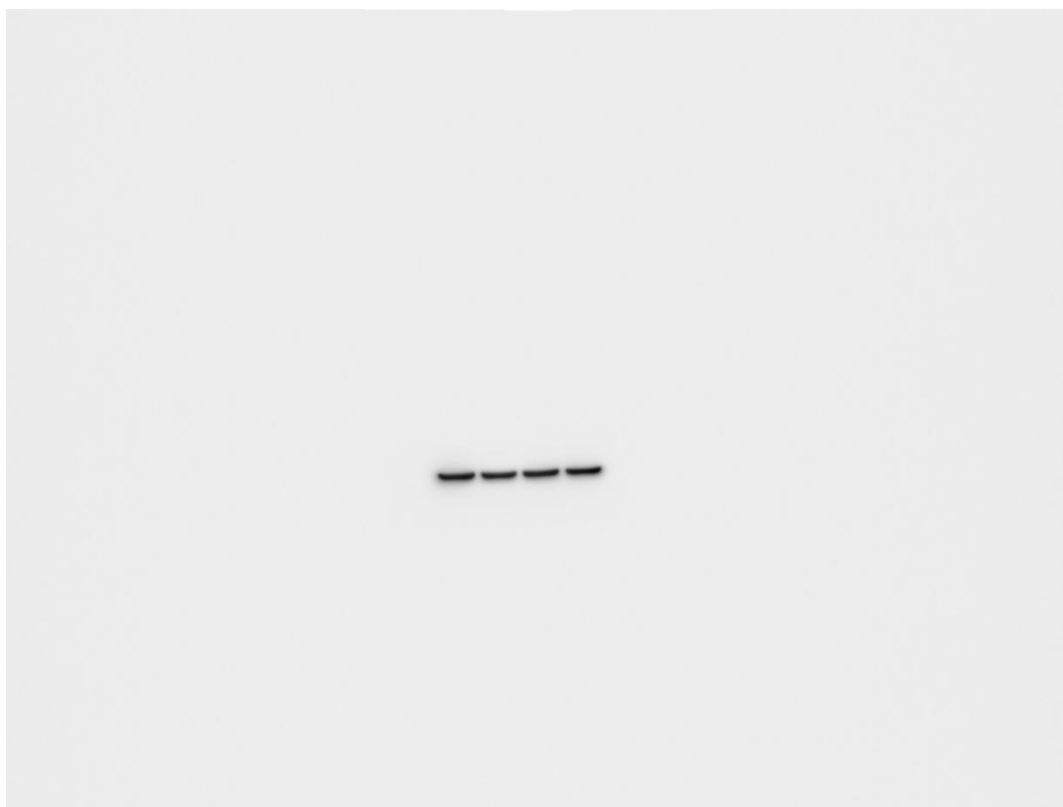


Figure S14 shows the gel and blotting of β -actin in each group, from left to right are groups Con, 3-MA, 3-MA+PA and 3-MA+PA+Lir100. (gels/blots of β -actin in Figure 4)

Figure 5

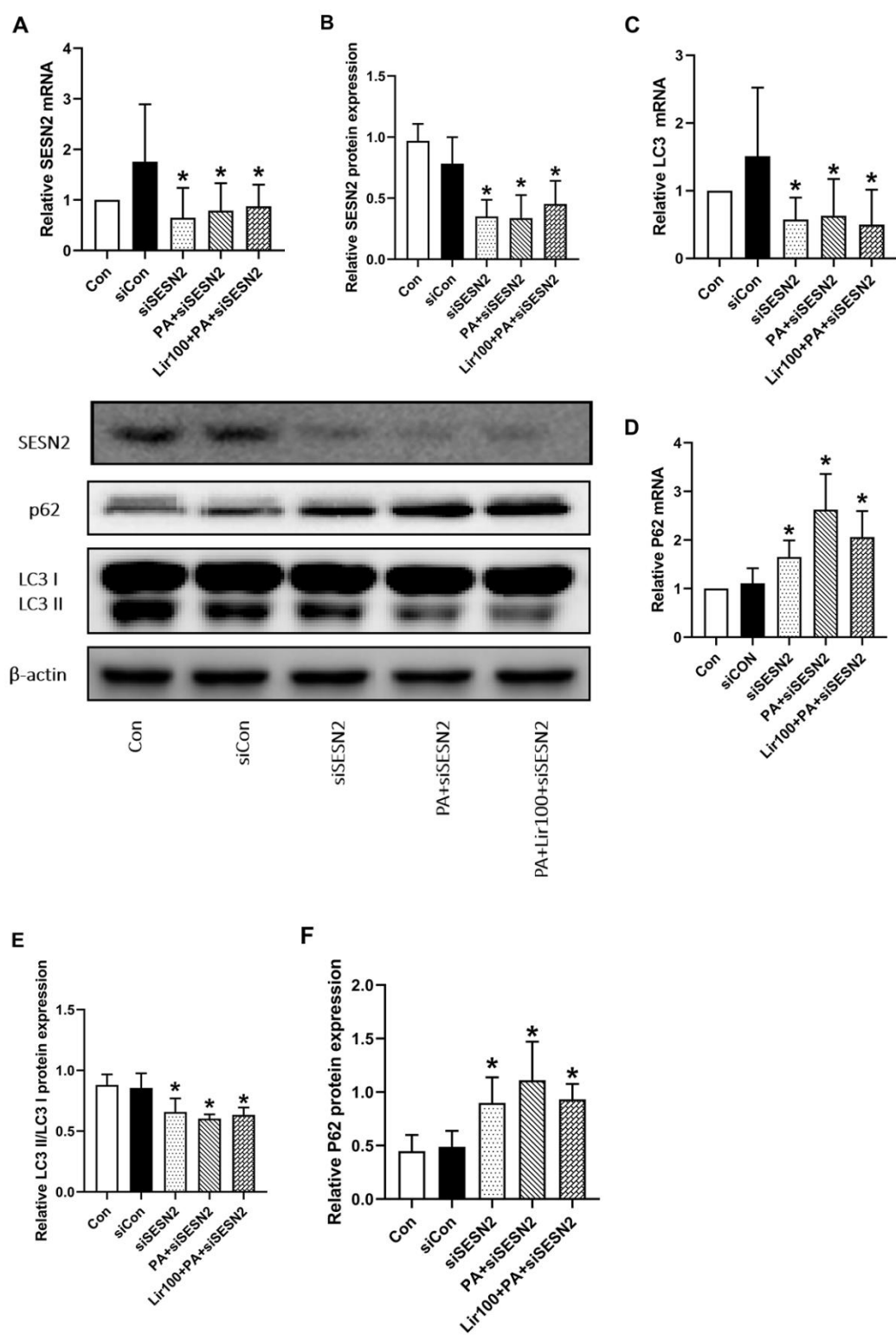
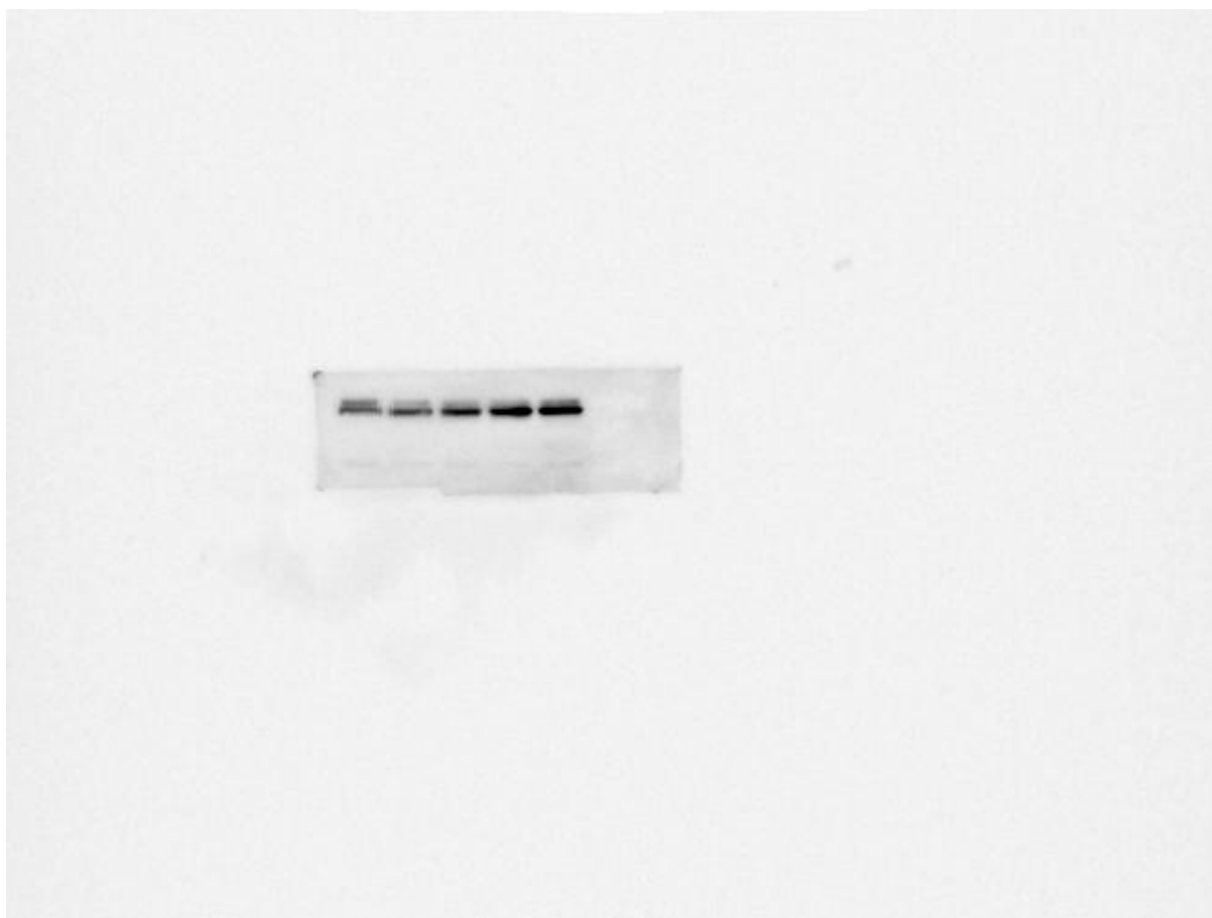


Figure S15



Figure S15 shows the gel and blotting of LC3 in each group, from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of LC3 in Figure 5)

Figure S16



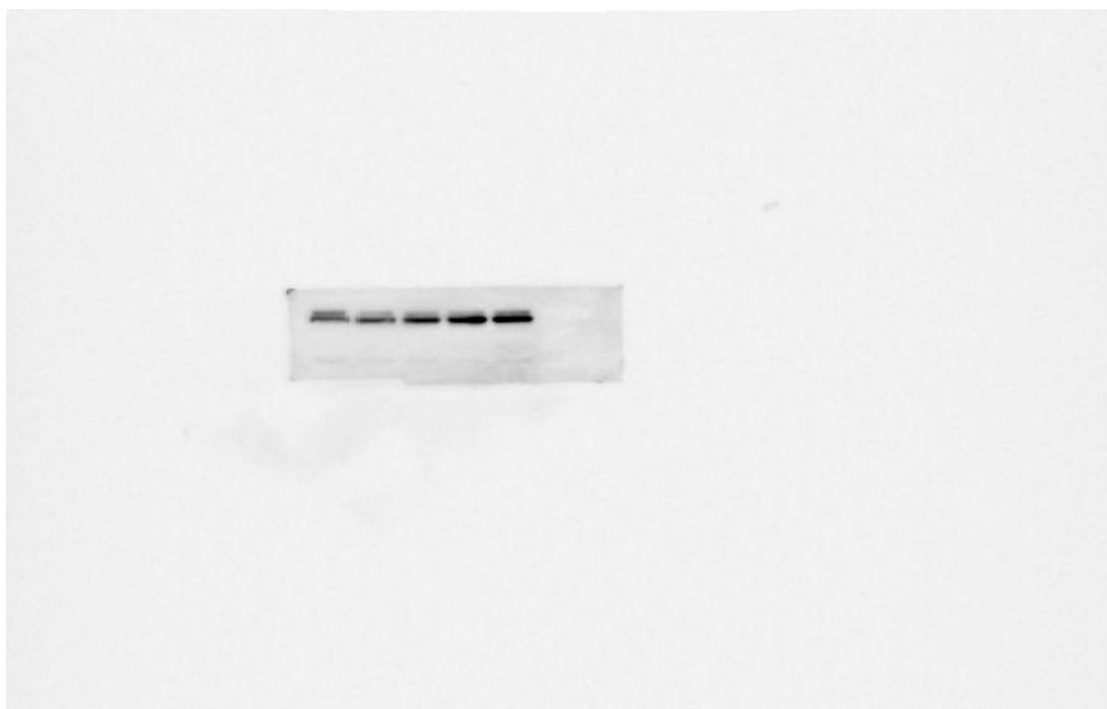


Figure S16 shows the gel and blotting of P62 in each group, from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of P62 in Figure 5)

Figure S17

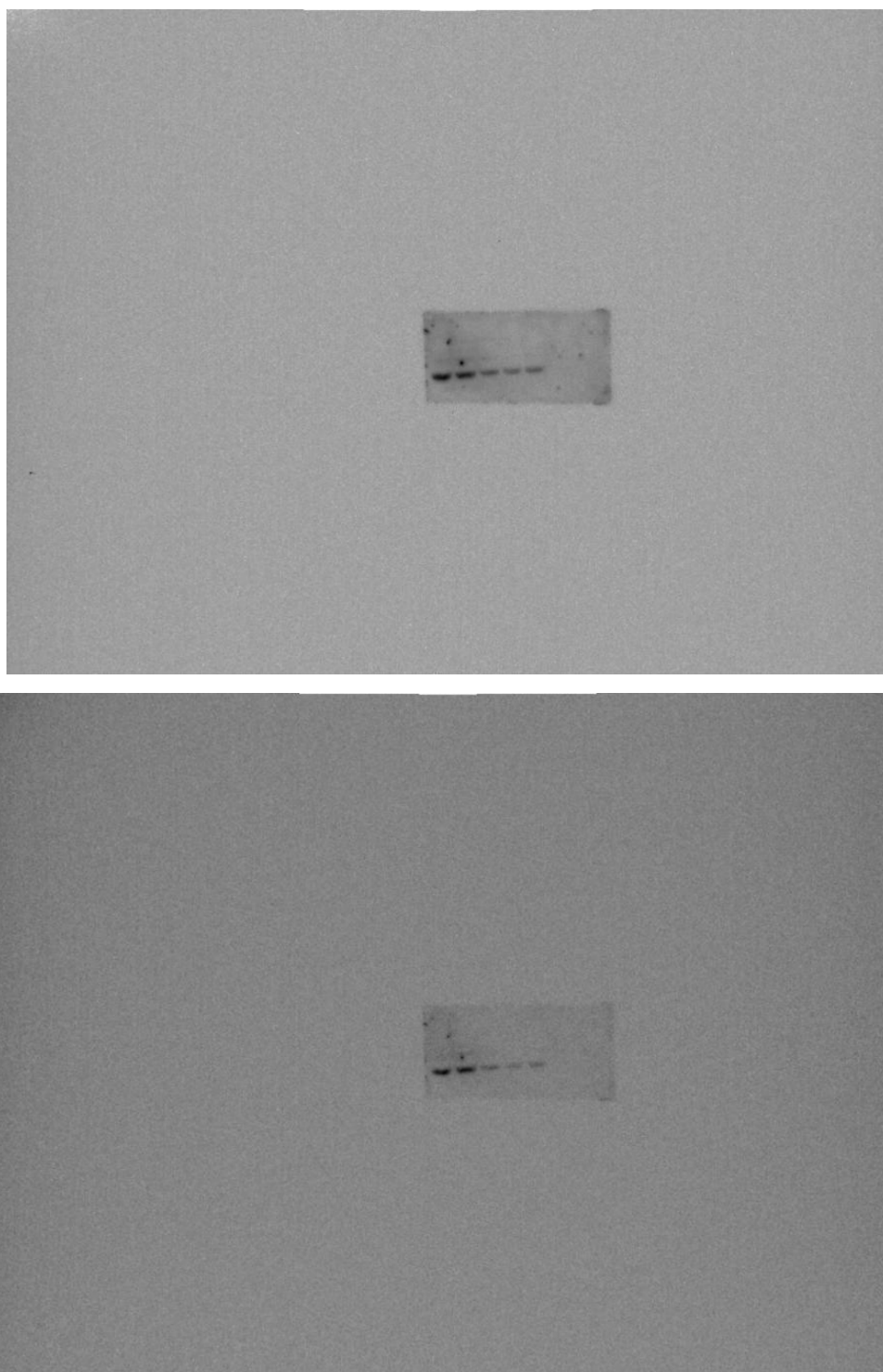


Figure S17 shows the gel and blotting of SESN2 in each group , from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of SESN2 in Figure 5)

Figure S18



Figure S18 shows the gel and blotting of β -actin in each group , from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of β -actin in Figure 5)

Figure 6

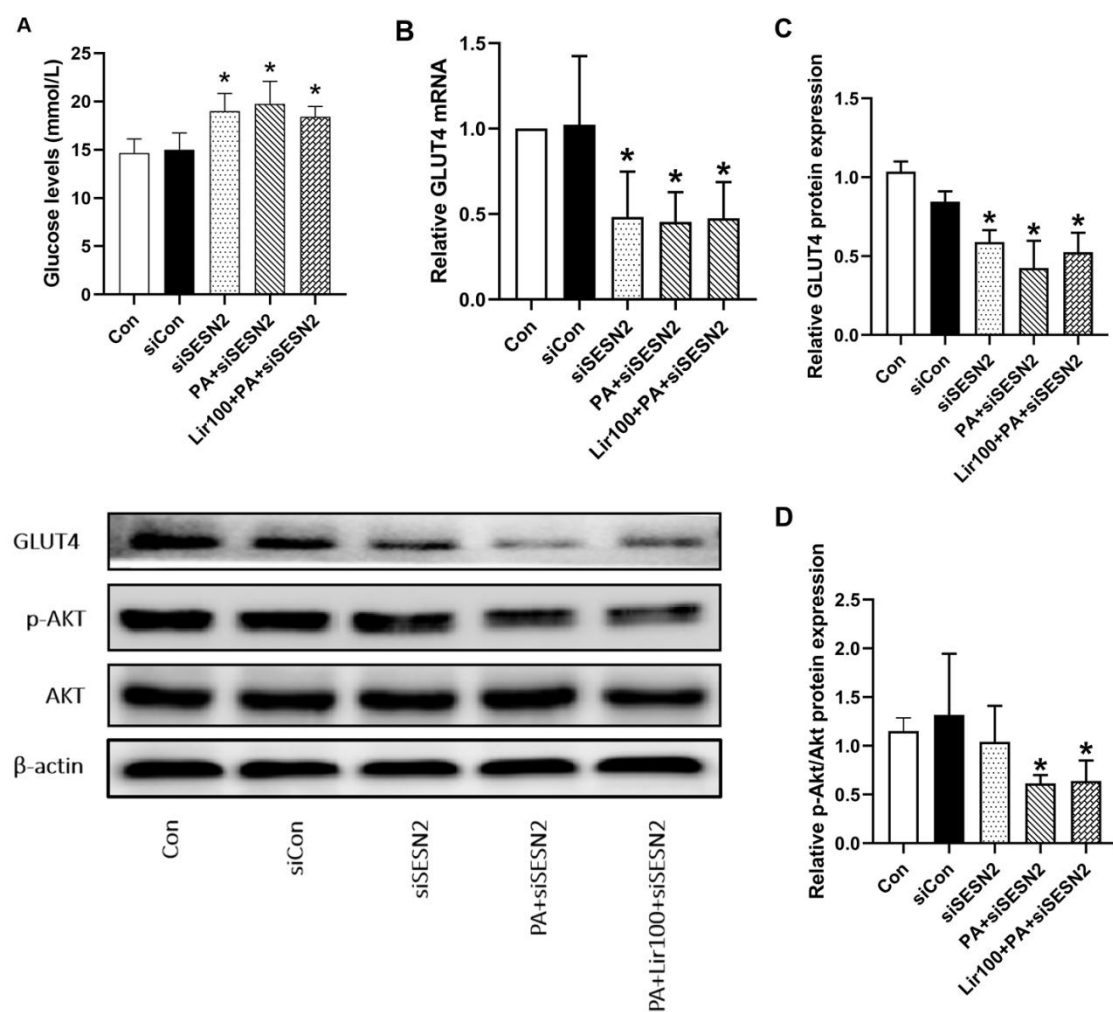


Figure S19



Figure S19 shows the gel and blotting of AKT in each group, from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of AKT in Figure 6)

Figure S20

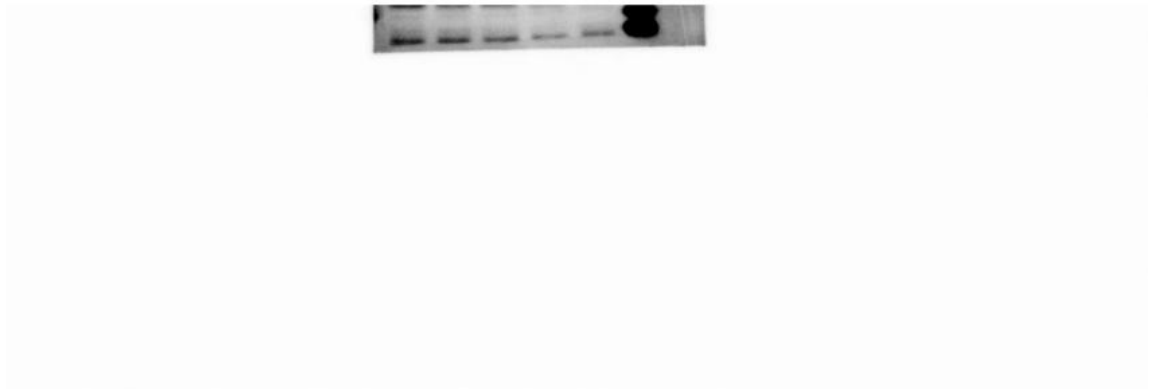
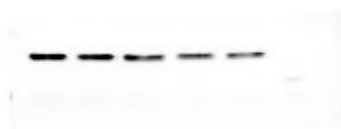
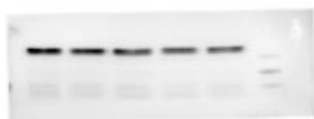


Figure S20 shows the gel and blotting of GLUT4 in each group , from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of GLUT4 in Figure 6)

Figure S21



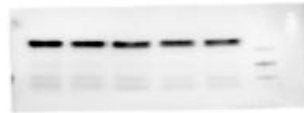


Figure S21 shows the gel and blotting of p-AKT in each group , from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of p-AKT in Figure 6)

Figure S22



Figure S22 shows the gel and blotting of β -actin in each group, from left to right are groups Con, siCon, siSESN2, PA+siSESN2, and Lir100+PA+siSESN2. (gels/blots of β -actin in Figure 6)