

Original Images for Blots and Gels

Figure 1d: CD63, CD9, Calnexin, TSG101.

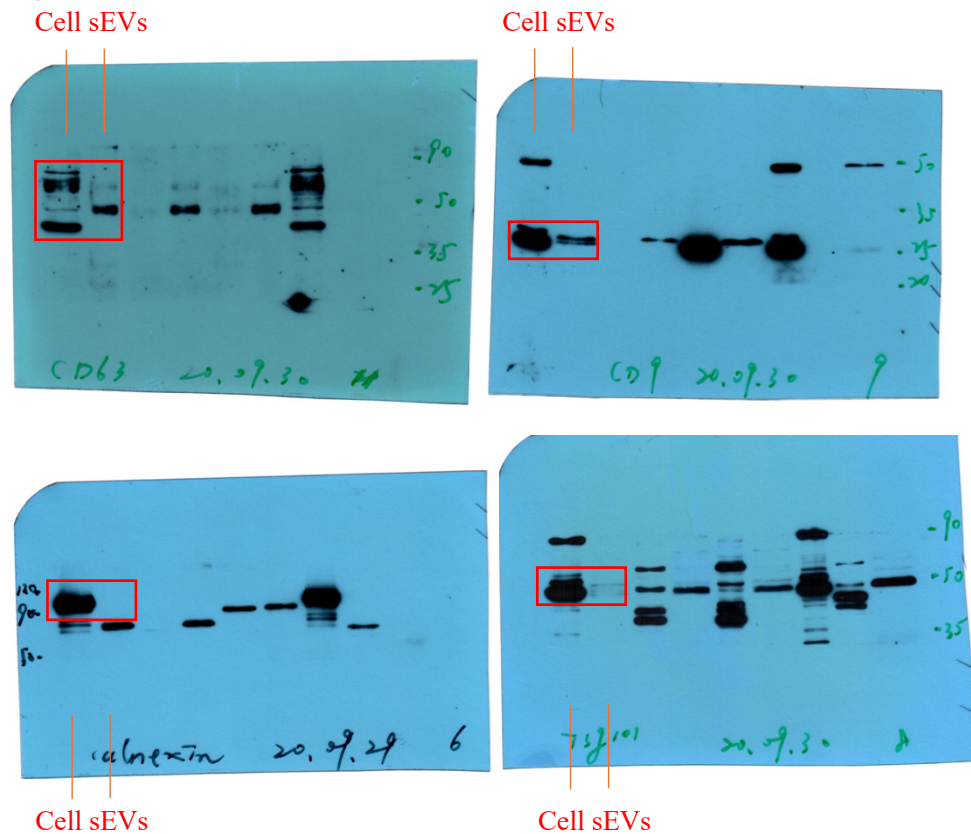
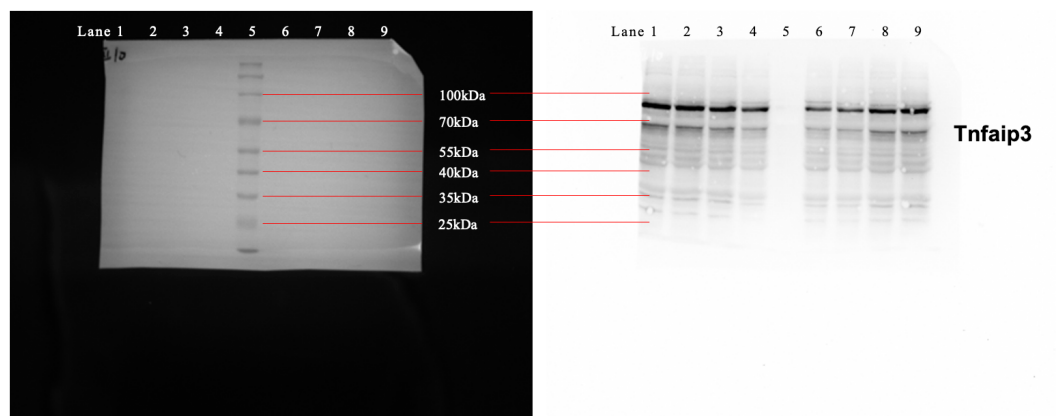


Figure 5f:

- Lane1: untreated
- Lane2: 100 nM miR-mimics negative control treated
- Lane3: 50 nM miR-23b-3p mimics treated
- Lane4: 100 nM miR-23b-3p mimics treated
- Lane5: Protein marker
- Lane6: untreated
- Lane7: 100 nM miR-inhibitor negative control treated
- Lane8: 50 nM miR-23b-3p inhibitor treated
- Lane9: 100 nM miR-23b-3p inhibitor treated

TNFAIP3 (membrane) (chemi)



β -Actin (membrane) (chemi)

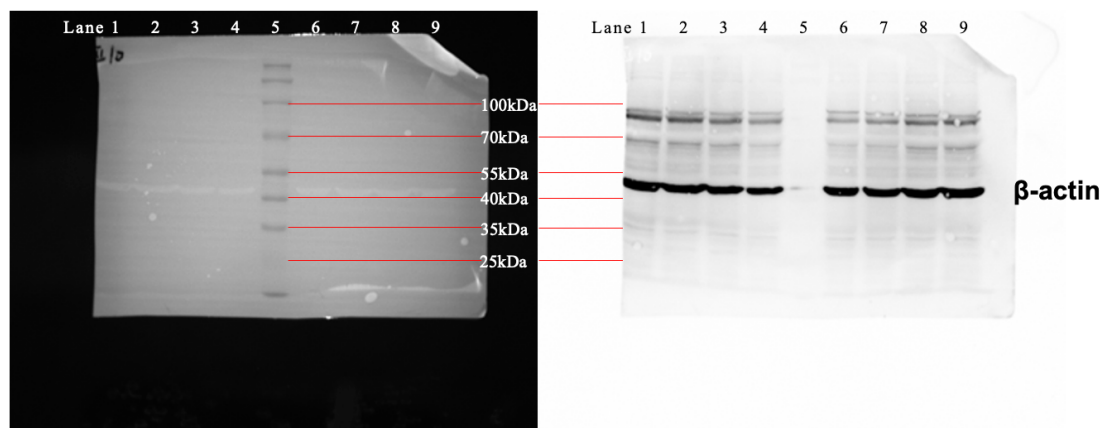
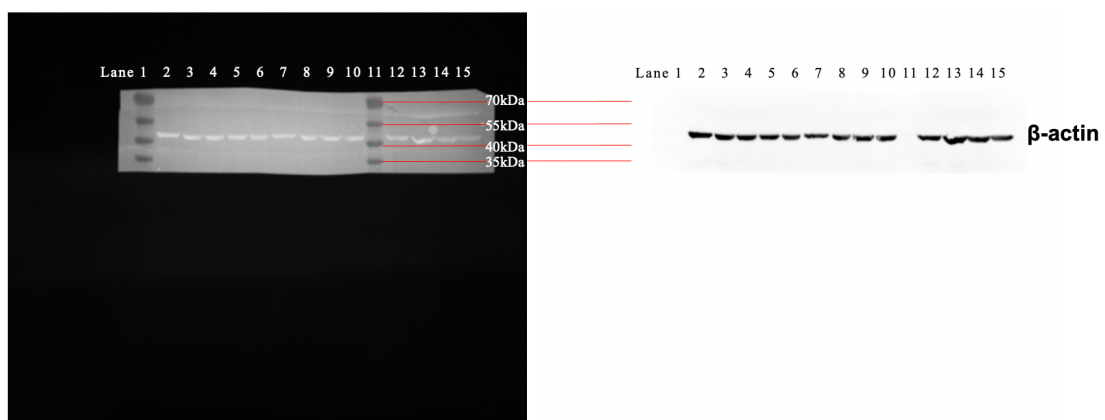


Figure 6b:

- Lane1: Protein marker
- Lane2: 100nM miR-mimics negative control treated
- Lane3: 10nM miR-23b-3p mimics treated
- Lane4: 50nM miR-23b-3p mimics treated
- Lane5: 100nM miR-23b-3p mimics treated
- Lane6: 150nM miR-23b-3p mimics treated
- Lane7: 10nM miR-23b-3p mimics treated
- Lane8: 50nM miR-23b-3p mimics treated
- Lane9: 100nM miR-23b-3p mimics treated
- Lane10: 150nM miR-23b-3p mimics treated
- Lane11: Protein marker
- Lane12: 10nM miR-23b-3p mimics treated
- Lane13: 50nM miR-23b-3p mimics treated
- Lane14: 100nM miR-23b-3p mimics treated
- Lane15: 150nM miR-23b-3p mimics treated

β -Actin (membrane) (chemi)



p21 (membrane) (chemi)

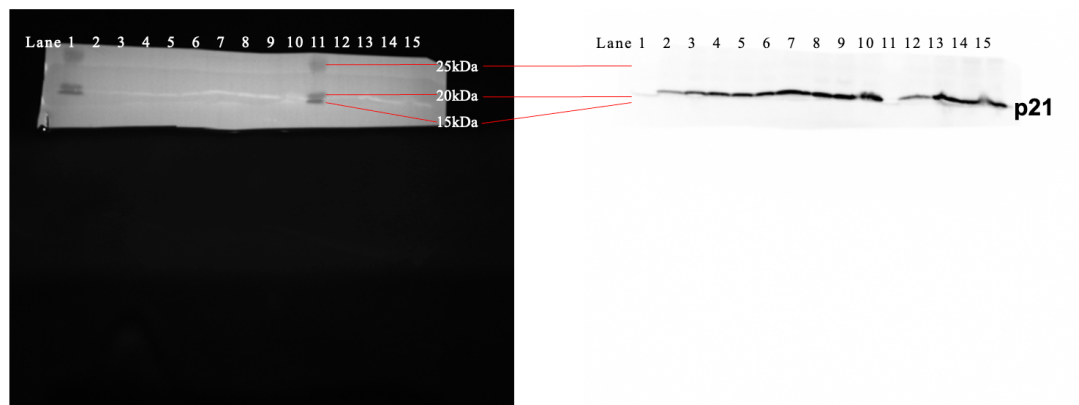


Figure S1:

EVs characterization

Fig. S3C:

Lane1: Protein marker

Lane2: Raw264.7 normal cell

Lane3: Raw264.7 senescence induction cell

Lane4: Raw264.7 normal sEVs

Lane5: Raw264.7 senescence induction sEVs

Lane6: Protein marker

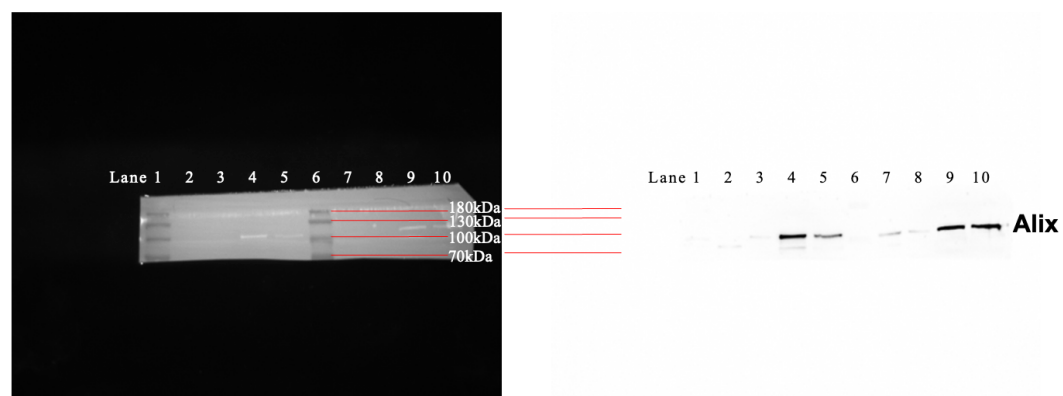
Lane7: AML12 normal cell

Lane8: AML12 senescence induction cell

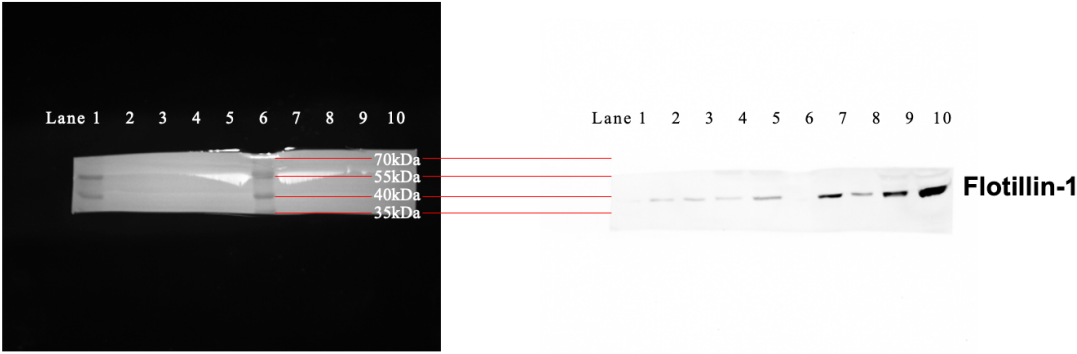
Lane9: AML12 normal sEVs

Lane10: AML12 senescence induction sEVs

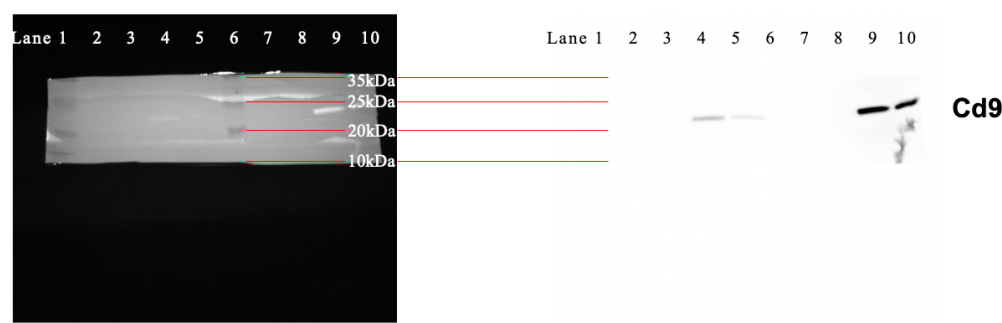
Alix (membrane) (chemi)



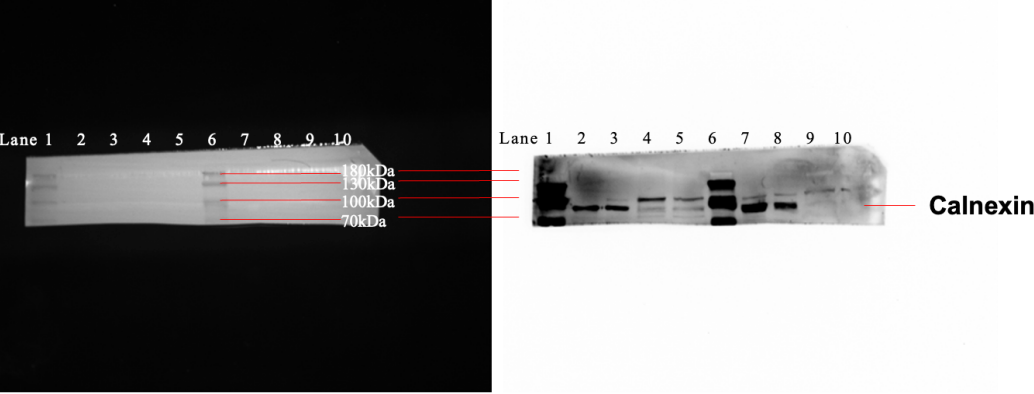
Flotillin-1 (membrane) (chemi)



Cd9 (membrane) (chemi)

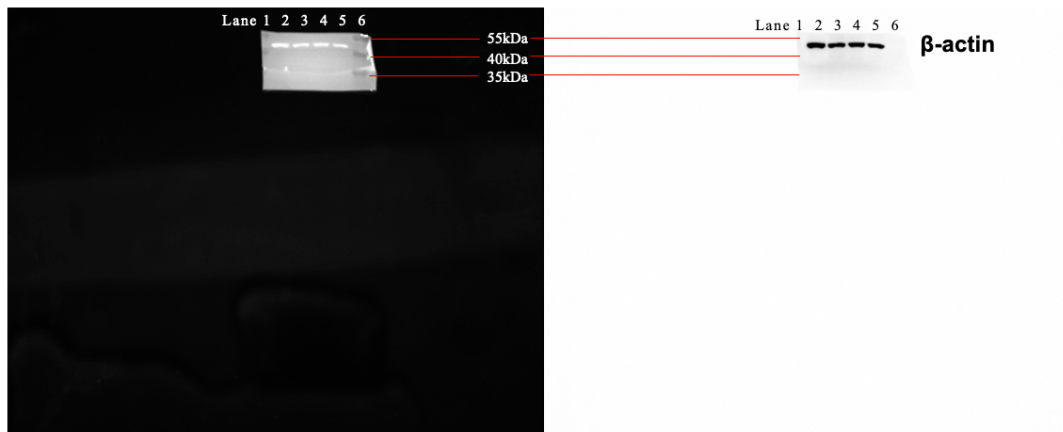


Calnexin (membrane) (chemi)



Cell senescence model

Fig.S2B: β -Actin (membrane) (chemi)



p21 (membrane) (chemi)

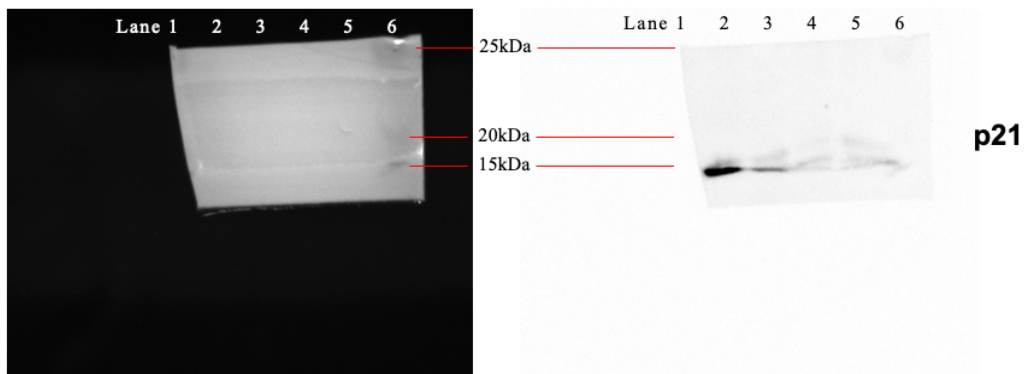


Fig.S2C:

Lane1: Protein marker

Lane2: Raw264.7 senescence induction cell

Lane3: Raw264.7 normal cell

Lane4: Protein marker

Lane5: AML12 normal cell – biological repeat 1

Lane6: AML12 normal cell – biological repeat 2

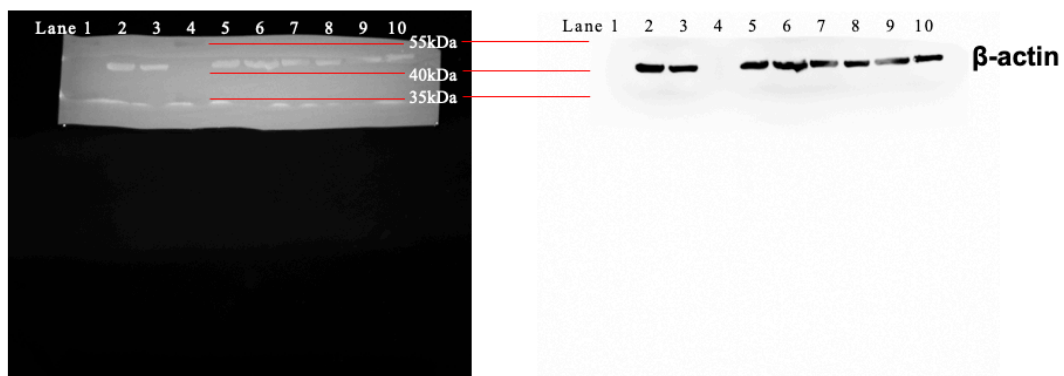
Lane7: AML12 normal cell – biological repeat 3

Lane8: AML12 senescence induction cell – biological repeat 1

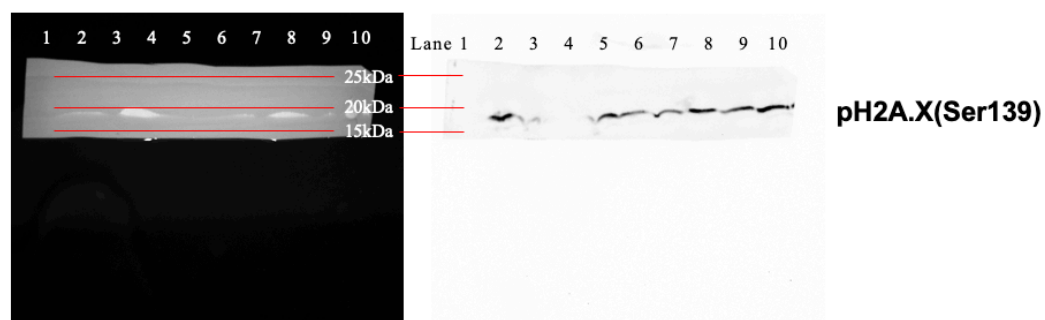
Lane9: AML12 senescence induction cell – biological repeat 2

Lane10: AML12 senescence induction cell – biological repeat 3

β -Actin (membrane) (chemi)



pH2A.X (Ser139) (membrane) (chemi)



Lane1: Protein marker

Lane2: AML12 senescence induction cell

Lane3: AML12 normal cell

Lane2: RAW264.7 senescence induction cell

Lane3: RAW264.7 normal cell

Lane6: Protein marker