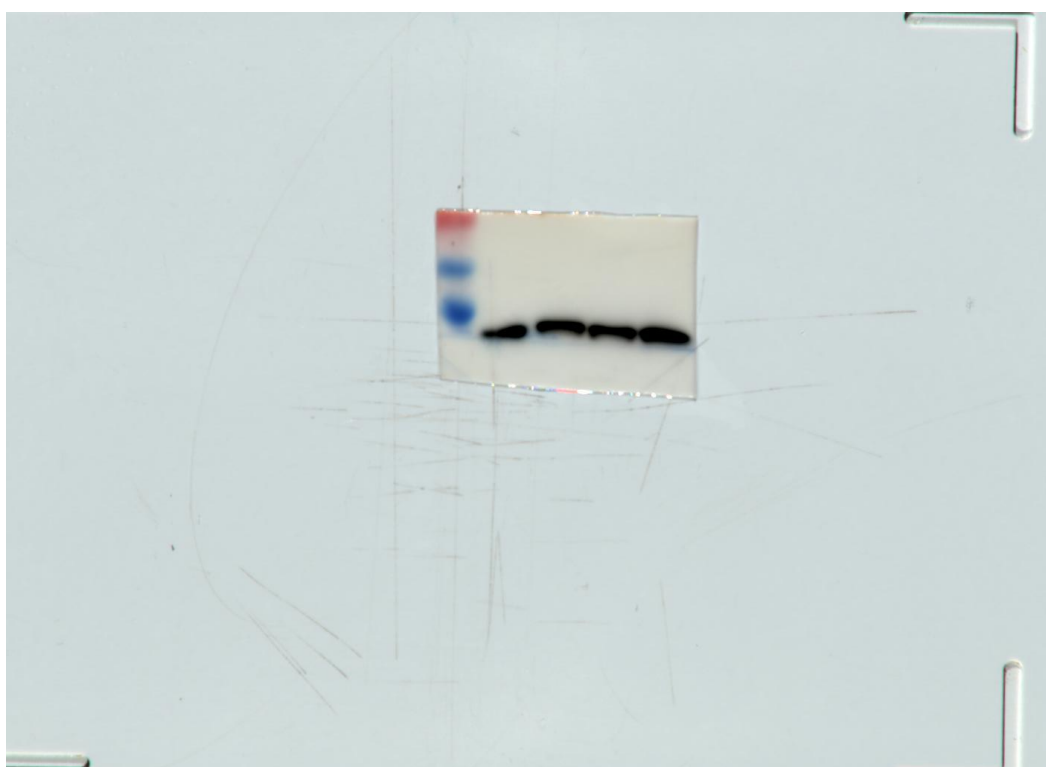
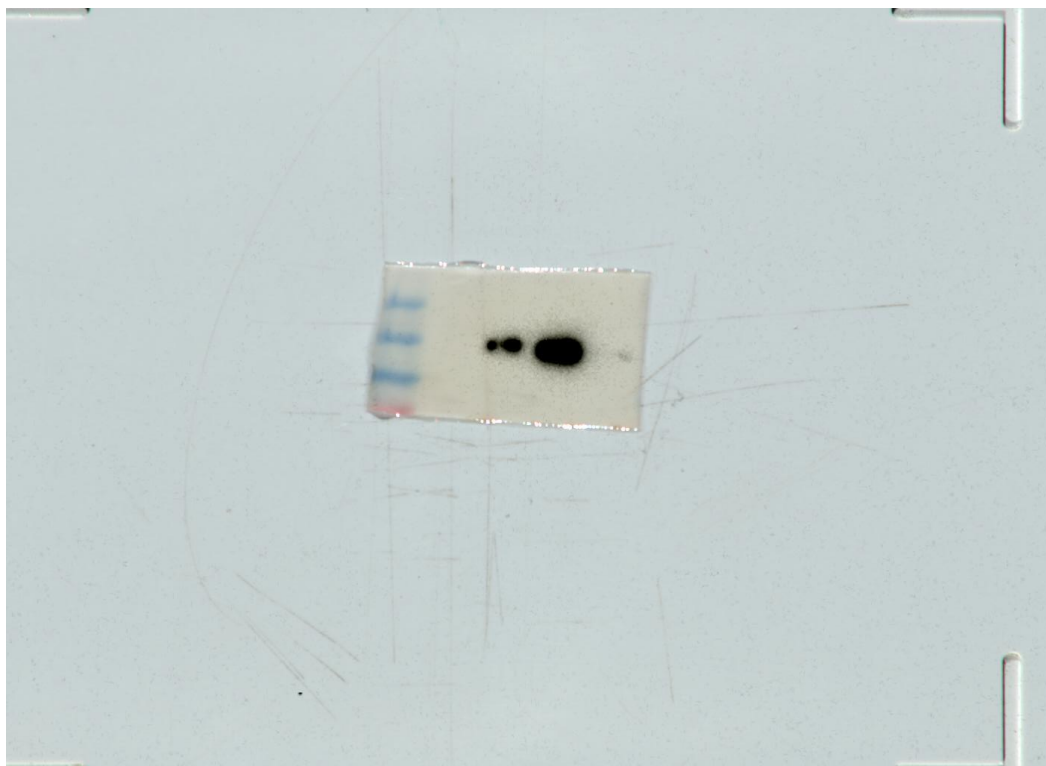
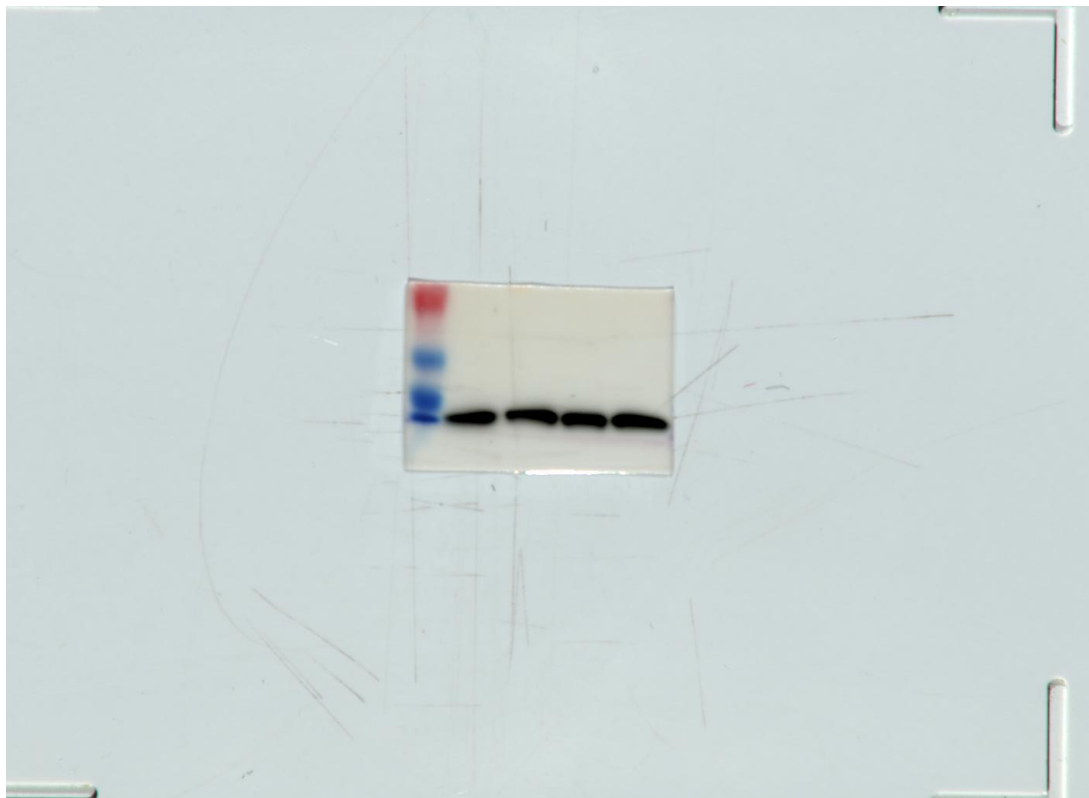


Supplementary file of figure 6D
A549 group1



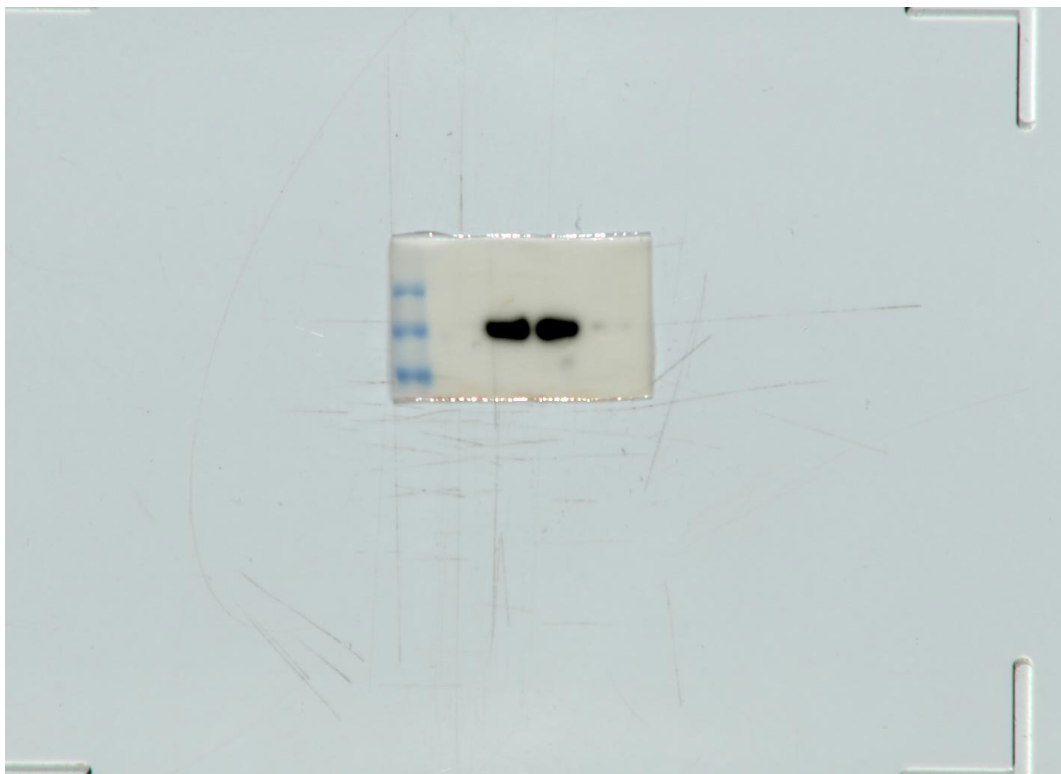
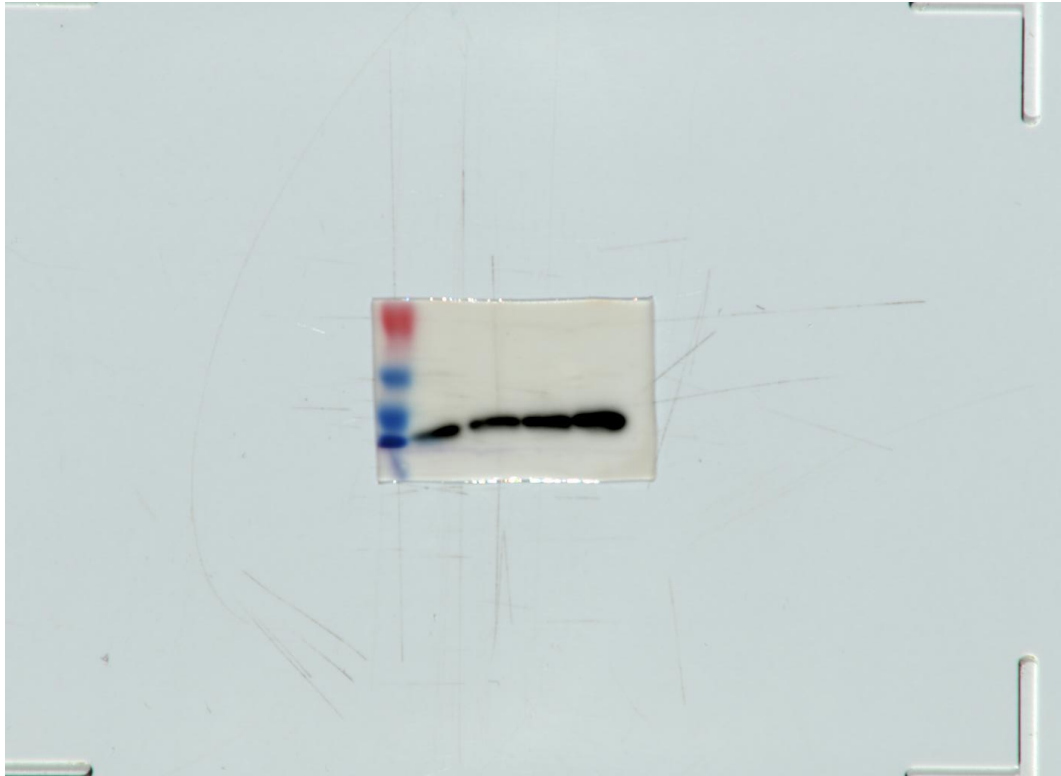
From left: Marker, BEAS2B, A549 (untransfected virus), A549 (transfected negative virus), A549 (transfected virus knockdown RP3-340N1.2)

A549 group2



From left: Marker, BEAS2B, A549 (untransfected virus), A549 (transfected negative virus), A549 (transfected virus knockdown RP3-340N1.2)

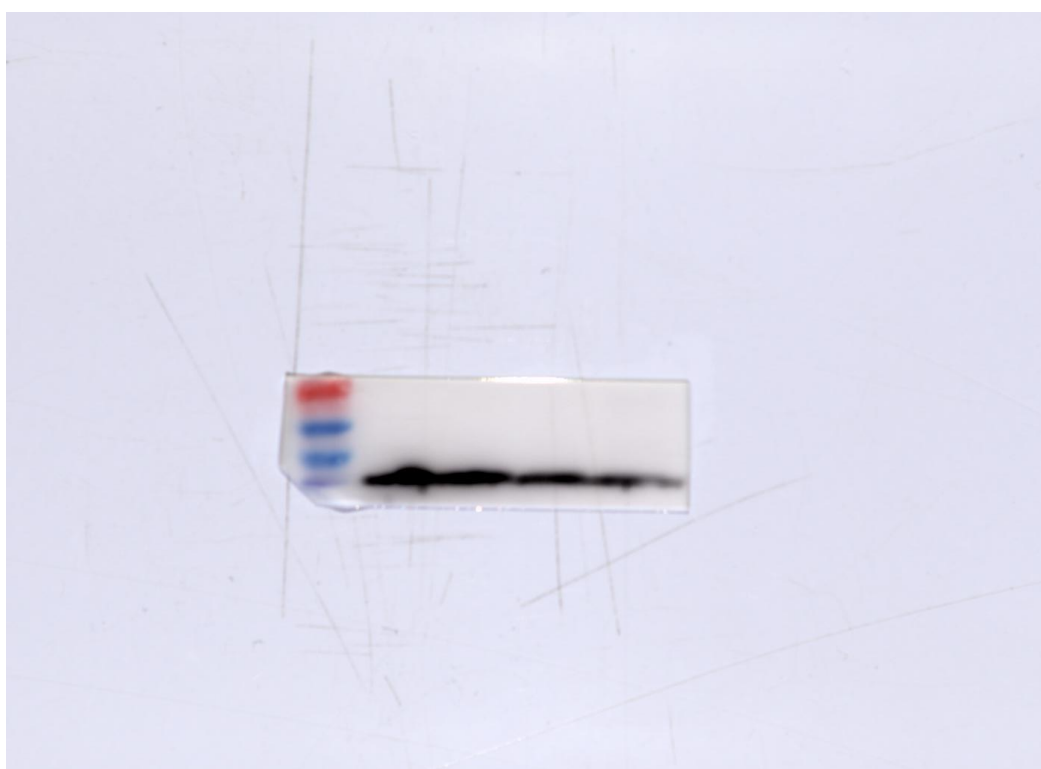
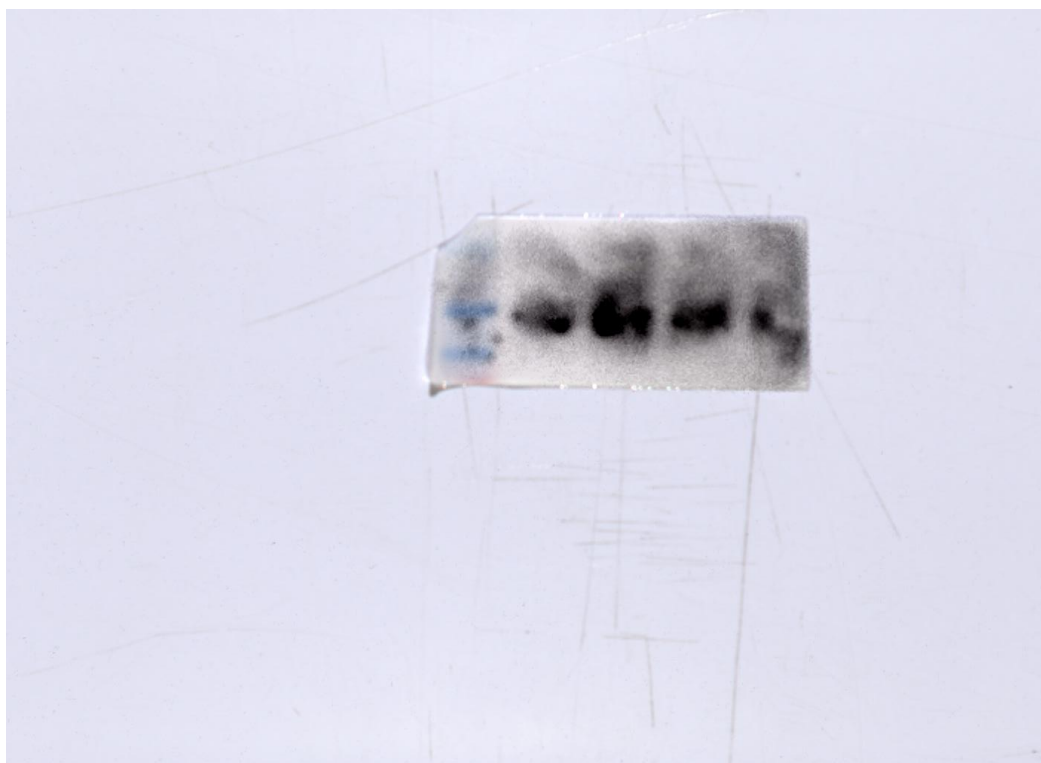
A549 group3



From left: Marker, BEAS2B, A549 (untransfected virus), A549 (transfected negative virus), A549 (transfected virus knockdown RP3-340N1.2)

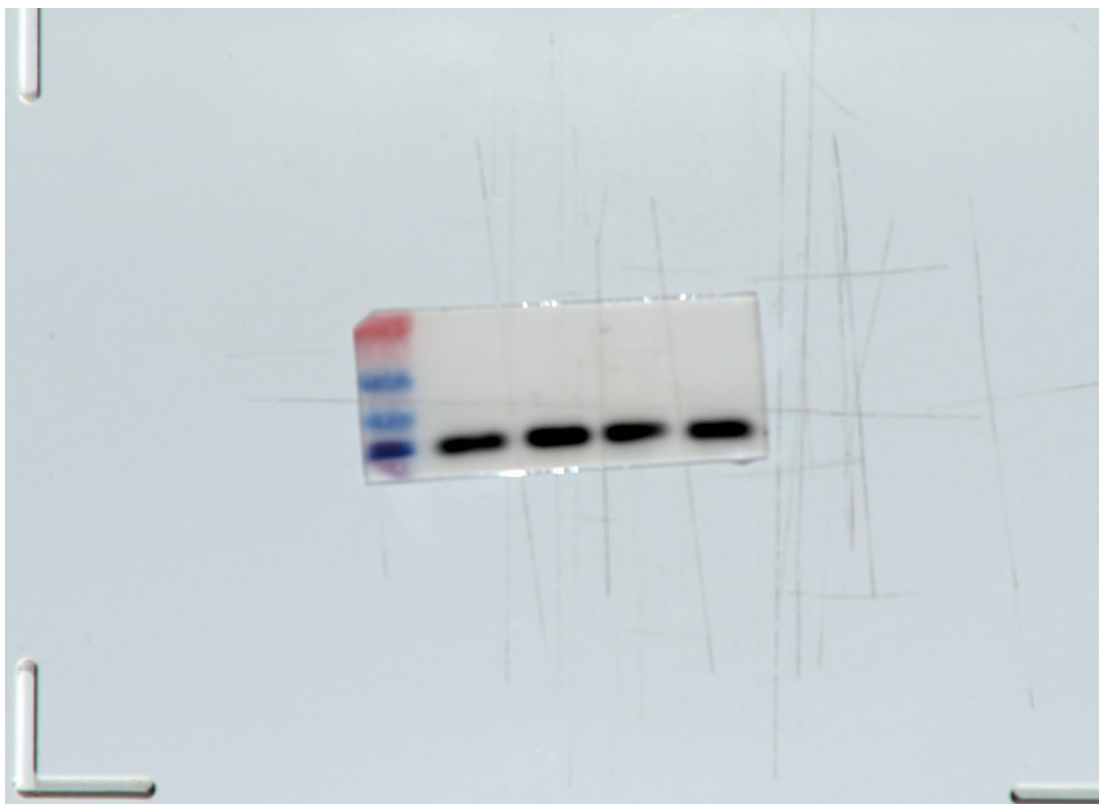
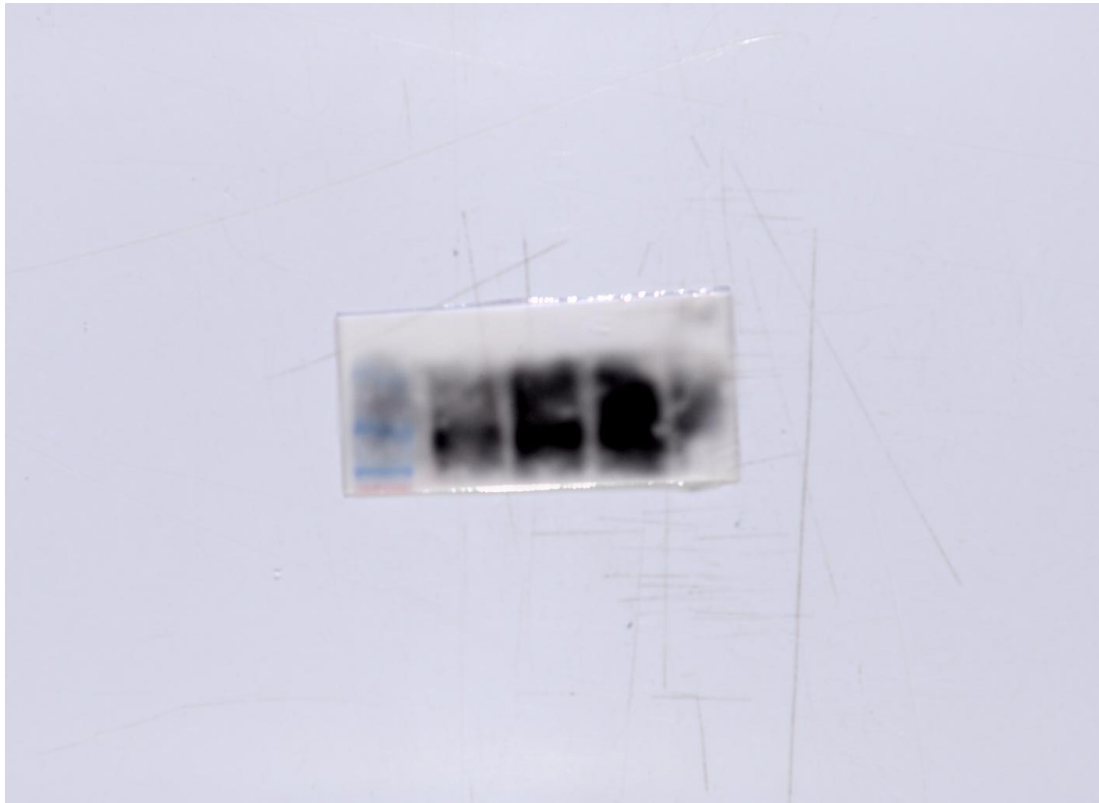
The EGFR expression after knocking down RP3-340N1.2 in the A549 cell line. The experiment was repeated 3 times.

NCI-H1299 group1



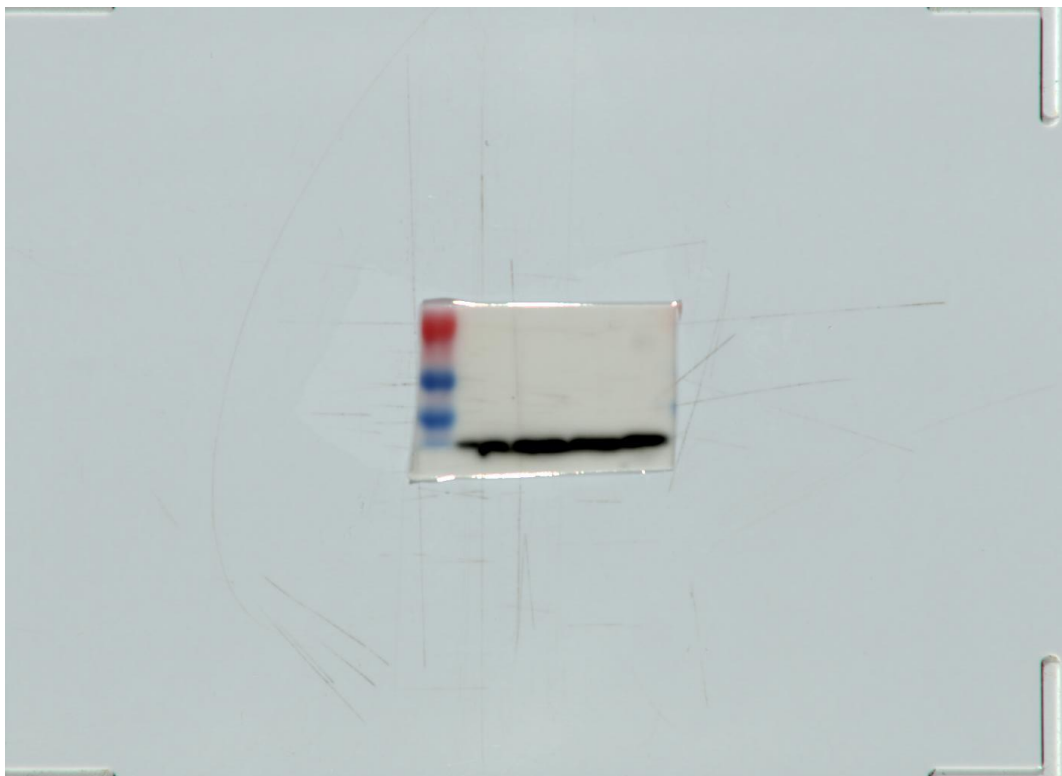
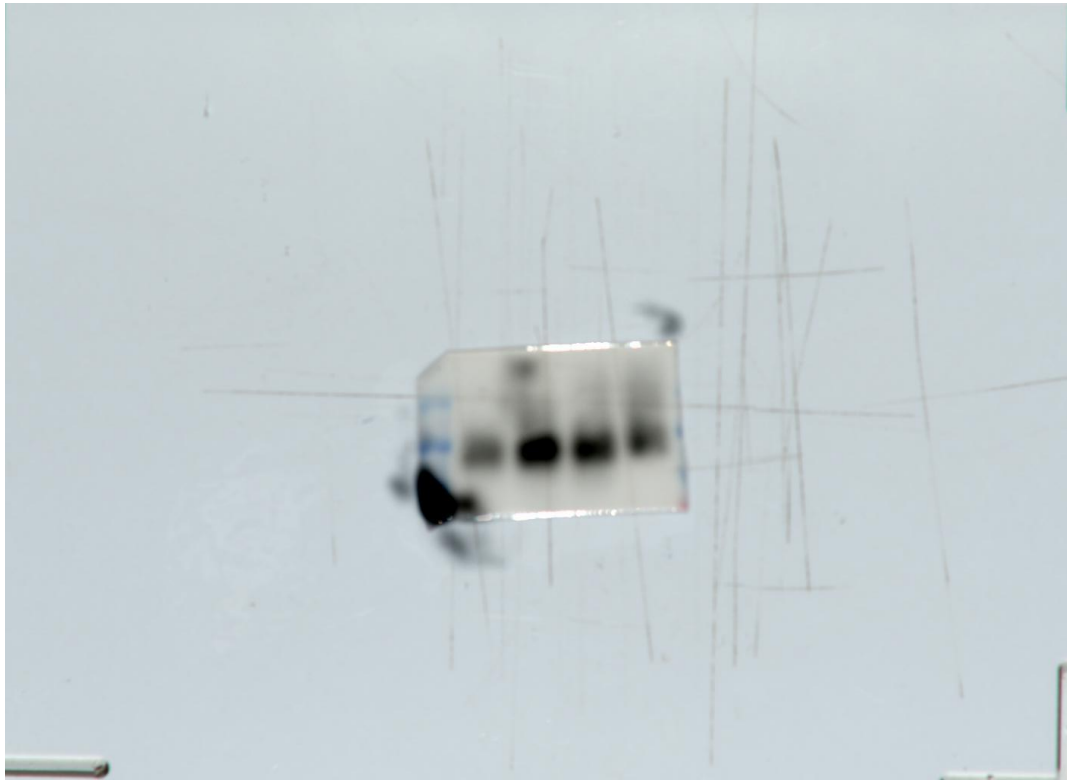
From left: Marker, BEAS2B, NCI-H1299 (untransfected virus), NCI-H1299 (transfected negative virus), NCI-H1299 (transfected virus knockdown RP3-340N1.2)

NCI-H1299 group2



From left: Marker, BEAS2B, NCI-H1299 (untransfected virus), NCI-H1299 (transfected negative virus), NCI-H1299 (transfected virus knockdown RP3-340N1.2)

NCI-H1299 group3

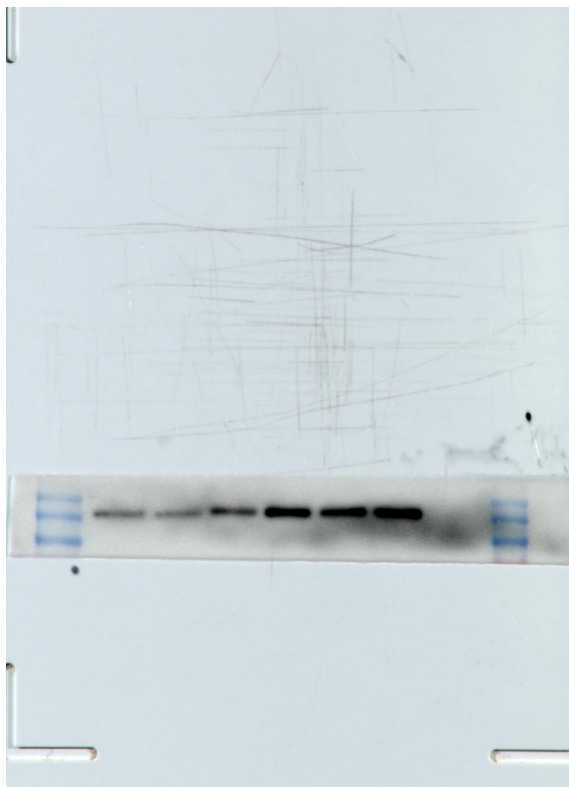


From left: Marker, BEAS2B, NCI-H1299 (untransfected virus), NCI-H1299 (transfected negative virus), NCI-H1299 (transfected virus knockdown RP3-340N1.2)

The expression of EGFR after knocking down RP3-340N1.2 in the NCI-H1299 cell line, which is not included in the article because the visualization is blurry. The experiment was repeated 3 times.

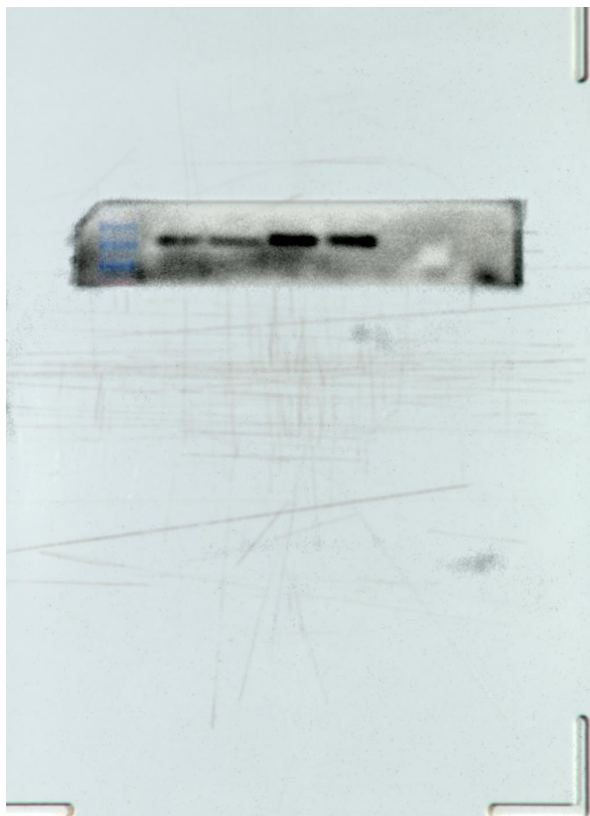
Supplementary file of figure 6E

A549 group1



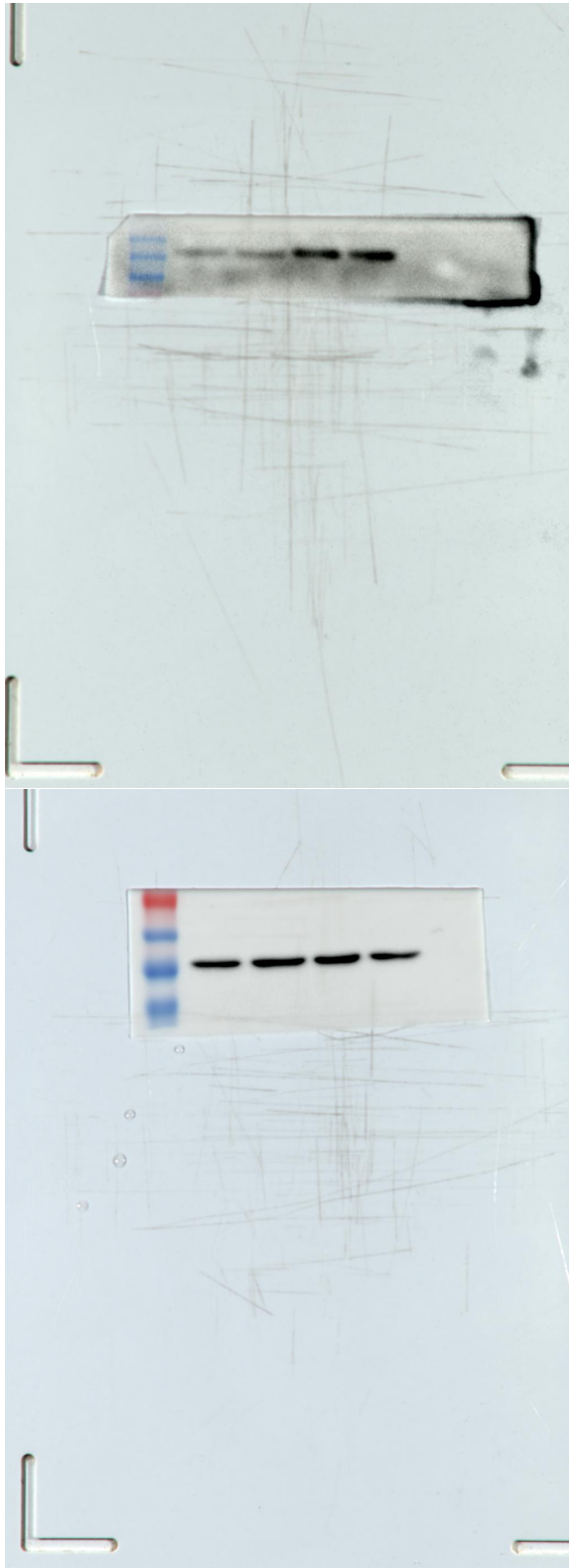
From left: Marker, A549(untransfected), A549(transfected negative control plasmid pcDNA3.1), A549(transfected plasmid pcDNA3.1 targeting RP3-340N1.2); A549(untransfected, group2), A549(transfected negative control plasmid pcDNA3.1, group2), A549(transfected plasmid pcDNA3.1 targeting RP3-340N1.2, group2), Blank, Marker.

A549 group2



From left: Marker, A549(untransfected), A549(transfected negative control plasmid pcDNA3.1), A549(transfected plasmid pcDNA3.1 targeting RP3-340N1.2) , A549(transfected plasmid pcDNA3.1 targeting RP3-340N1.2, repeat loading)

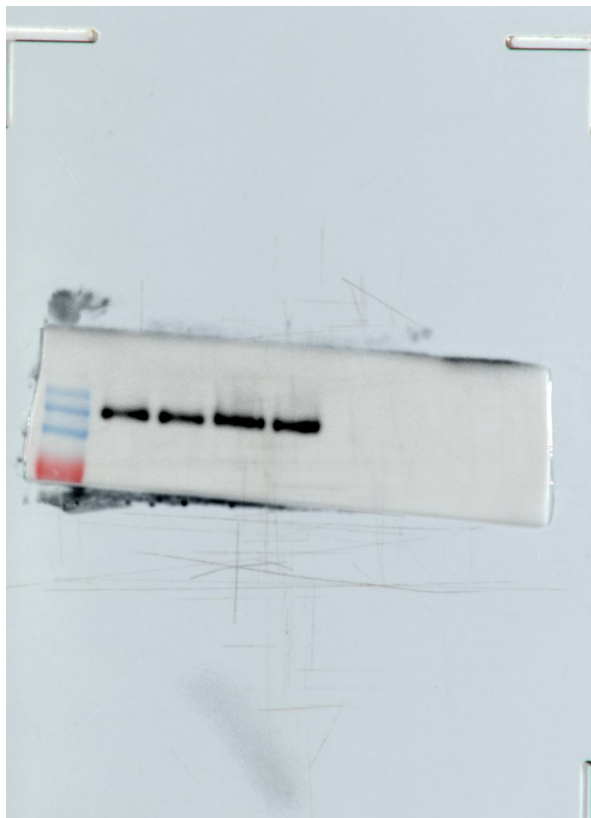
A549 group3



From left: A549(untransfected), A549(transfected negative control plasmid pcDNA3.1), A549(transfected plasmid pcDNA3.1 targeting RP3-340N1.2), A549(transfected plasmid pcDNA3.1 targeting RP3-340N1.2, repeat loading)

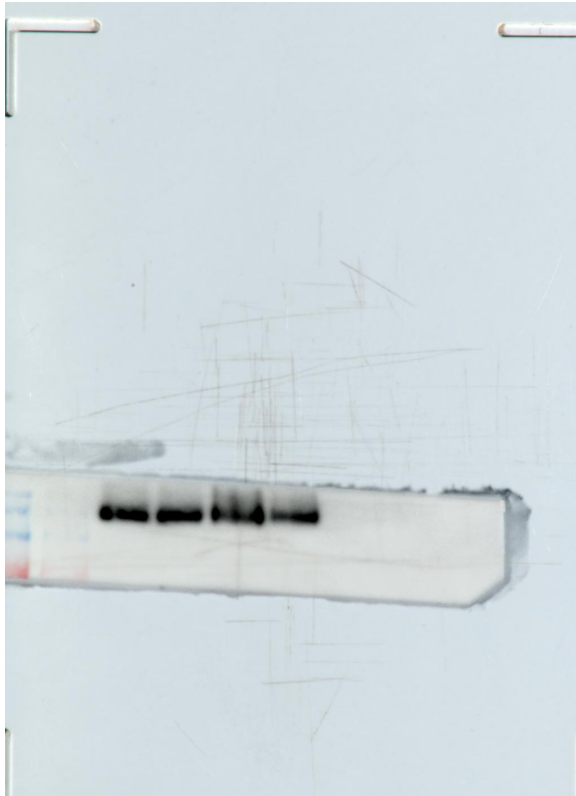
The expression of EGFR in the over expressed RP3-340N1.2 group is significantly improved compared with the control group in A549 cell line.

NCI-H1299 group1



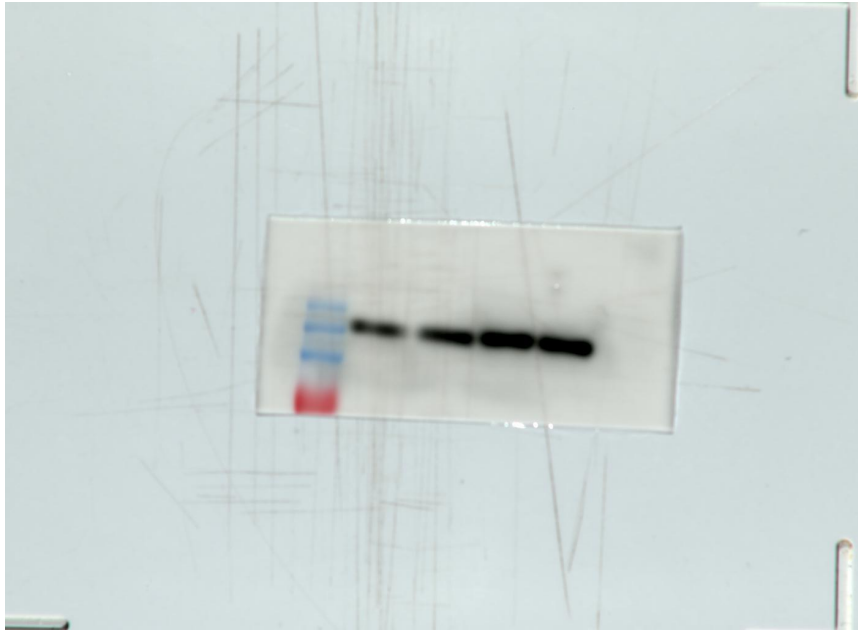
From left: Marker, NCI-H1299(untransfected), NCI-H1299(transfected negative control plasmid pcDNA3.1), NCI-H1299(transfected plasmid pcDNA3.1 targeting RP3-340N1.2), NCI-H1299 (transfected plasmid pcDNA3.1 targeting RP3-340N1.2, repeat loading)

NCI-H1299 group2



From left: Marker, NCI-H1299 (transfected plasmid pcDNA3.1 targeting RP3-340N1.2), NCI-H1299 (transfected plasmid pcDNA3.1 targeting RP3-340N1.2, repeat loading), NCI-H1299(transfected negative control plasmid pcDNA3.1), NCI-H1299(untransfected)

NCI-H1299 group3



From left: Marker, NCI-H1299(untransfected), NCI-H1299(transfected negative control plasmid pcDNA3.1), NCI-H1299 (transfected plasmid pcDNA3.1 targeting RP3-340N1.2), NCI-H1299 (transfected plasmid pcDNA3.1 targeting RP3-340N1.2, repeat loading)

Although the β -actin is irregular, it can still be seen that the expression of EGFR in NCI-H1299 (transfected plasmid pcDNA3.1 targeting RP3-340N1.2) is higher.

The expression of EGFR in the over expressed RP3-340N1.2 group is significantly improved compared with the control group in NCI-H1299 cell line.