

Supplementary Materials: Transfer of extracellular vesicle-associated-RNAs induces drug resistance in ALK-translocated lung adenocarcinoma

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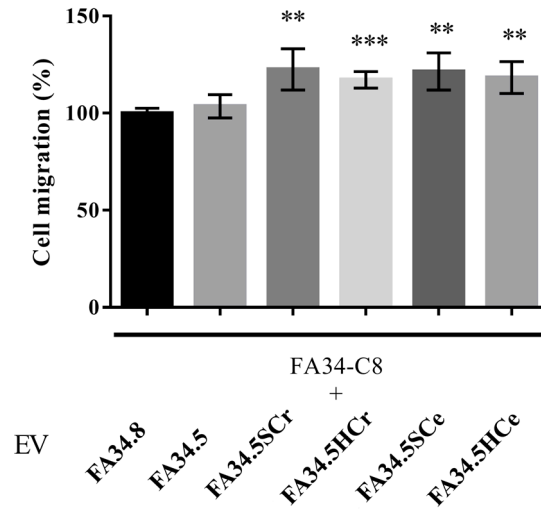


Figure S1. Effects of EVs transfer from ALK-TKI resistant subclones to sensitive subclones on cell migration. ** $p < 0.01$, *** $p < 0.001$ vs FA34.8.

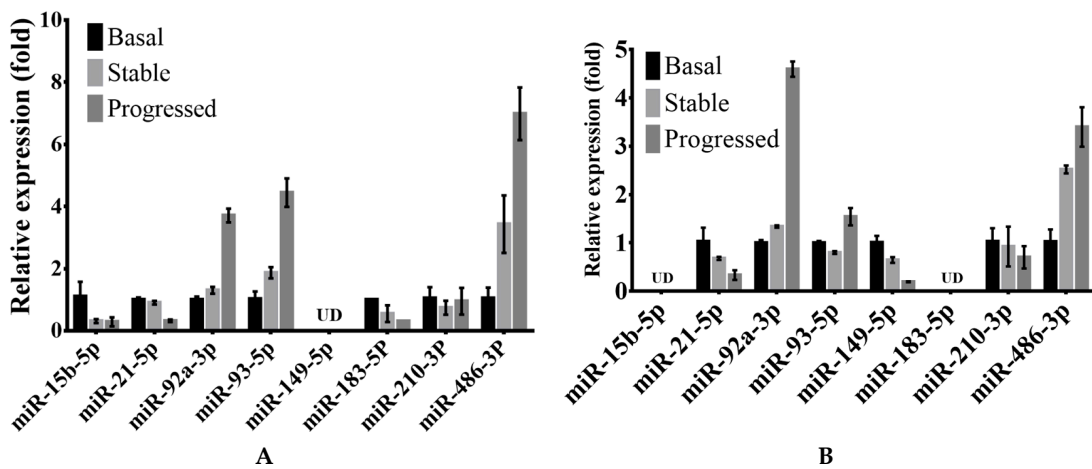


Figure S2. Complete expression profiles in serial serum EV samples from ALK-translocated lung cancer patients treated with (A) crizotinib and with (B) ceritinib.

Table S1. List of primers used in this study

| Primer | Sequence (5'–3') |
|-----------------|-----------------------------------------|
| Fusion-RT-S | GTG CAG TGT TTA GCA TTC TTG GGG |
| Fusion-RT-AS | TCT TGC CAG CAA AGC AGT AGT TGG |
| EML4-E20-F | CGG GAG ACT ATG AAA TAT TGT ACT |
| EML4-ALK-4193-R | GGC AAA GCG GTG TTG ATT ACA TCC |
| 3221-F | AGA GCC CTG AGT ACA AGC TGA G |
| ALK-F | CTT TGA CTT CCC CTG TGA GC |
| ALK-R | GCA GCC TCT CCC TTA CCT C |
| LINE1-F | CCG CTC AAC TAC ATG GAA ACT G |
| LINE1-R | GCG TCC CAG AGA TTC TGG TAT G |
| MEG3-F | CTG CCC ATC TAC ACC TCA CG |
| MEG3-R | CTC TCC GCC GTC TGC GCT AGG GGC T |
| XIST-F | CTA GCT AGC TTT TGT AGT GAG CTT GCT CCT |
| XIST-R | GCT CTA GAA TGT CTC CAT CTC CAT TTT GC |
| PTEN-F | TTG GCG GTG TCA TAA TGT CT |
| PTEN-R | GCA GAA AGA CTT GAA GGC GTA |
| MSH2-F | AAT GAC TTG GAA AAG AAG ATG C |
| MSH2-R | TTA AAG AAG TCA ATT TGC TGT TG |
| GAPDH-F | GTC AGT GGT GGA CCT GAC CT |
| GAPDH-R | TGA GCT TGA CAA AGT GGT CG |



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