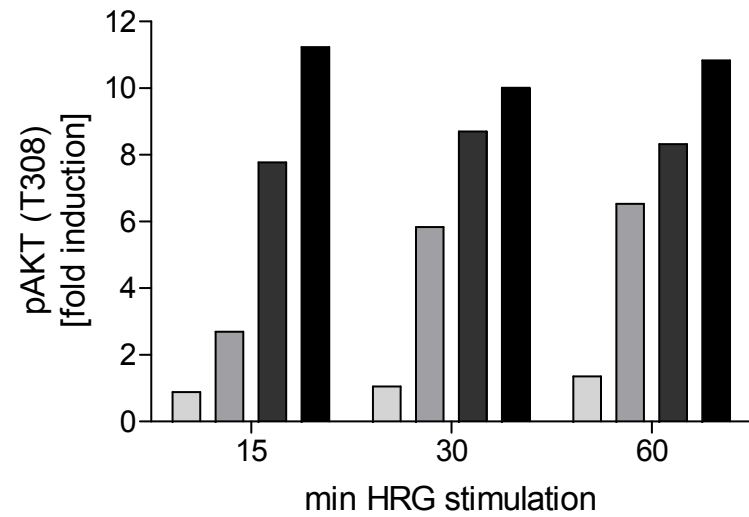


Figure S1

A



B

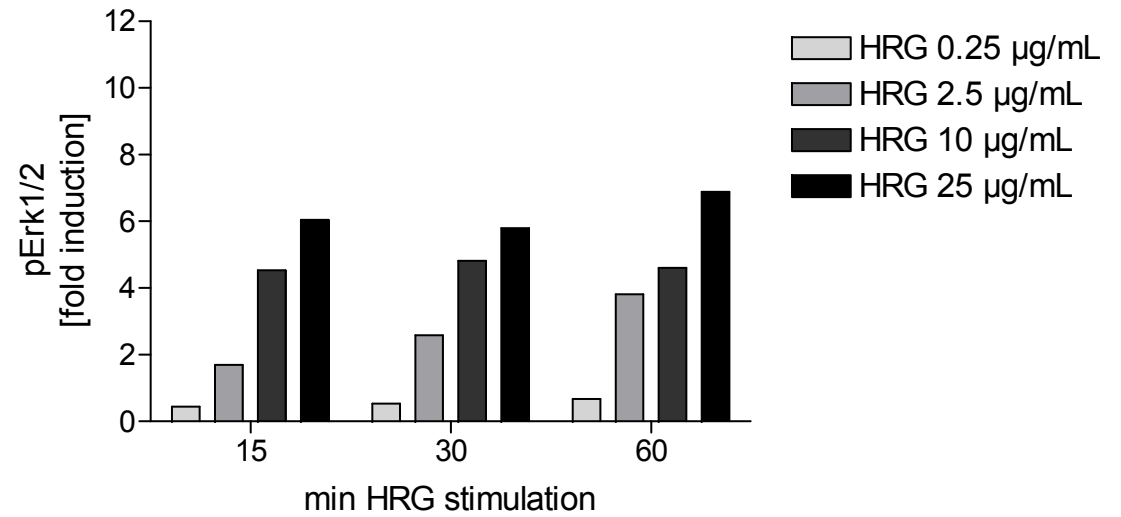
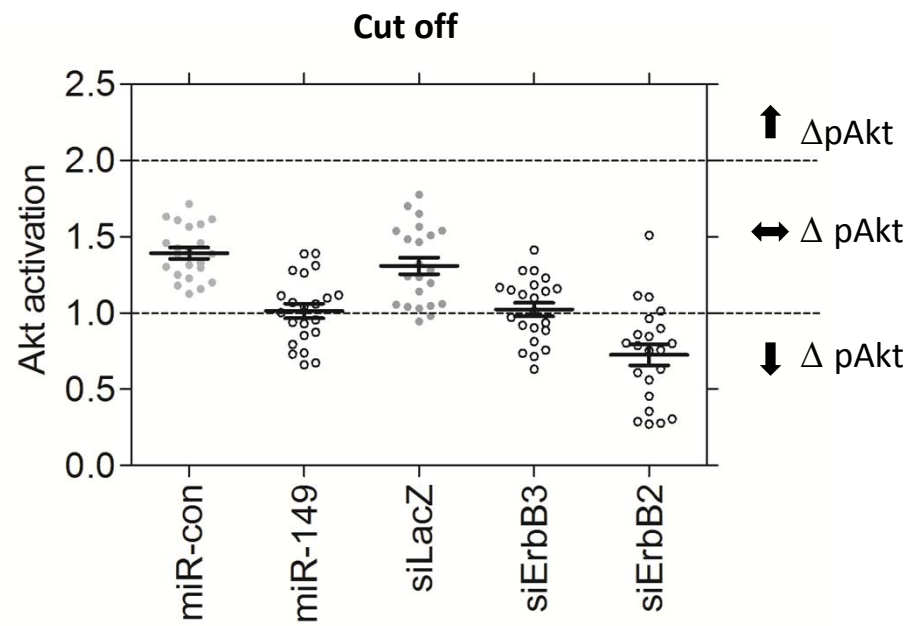


Figure S2



Bonferroni's Multiple Comparison Test	
miR-con vs miR-149	***
miR-con vs siLacZ	ns
miR-con vs siErbB3	***
miR-con vs siErbB2	***
miR-149 vs siLacZ	***
miR-149 vs siErbB3	ns
miR-149 vs siErbB2	**
siLacZ vs siErbB3	**
siLacZ vs siErbB2	***
siErbB3 vs siErbB2	***

Figure S3

	miR-19a	miR-148b	miR-149	miR-155	miR-204	miR-302c	miR-326	miR-520a-3p	miR-520d-3p
SOS1	X	X			X	X	X	X	X
RPS6KA5	X	X			X	X		X	X
PDE4D	X	X	X	X	X	X		X	X
RAP1A	X	X	X	X		X		X	X
mTORC2	X	X		X	X		X		
EGFR		X	X	X	X	X		X	X
APBB1IP				X	X	X	X	X	X
ADAM17		X	X		X	X	X	X	X
CPA3	X	X		X		X		X	X
FRS2	X	X		X	X	X		X	X
CDKN1B		X	X	X		X		X	X
CALD1	X	X	X		X	X		X	X
ERBB3	X	X	X	X	X	X	X	X	X
PIK3	X	X	X	X	X	X		X	X

Figure S4

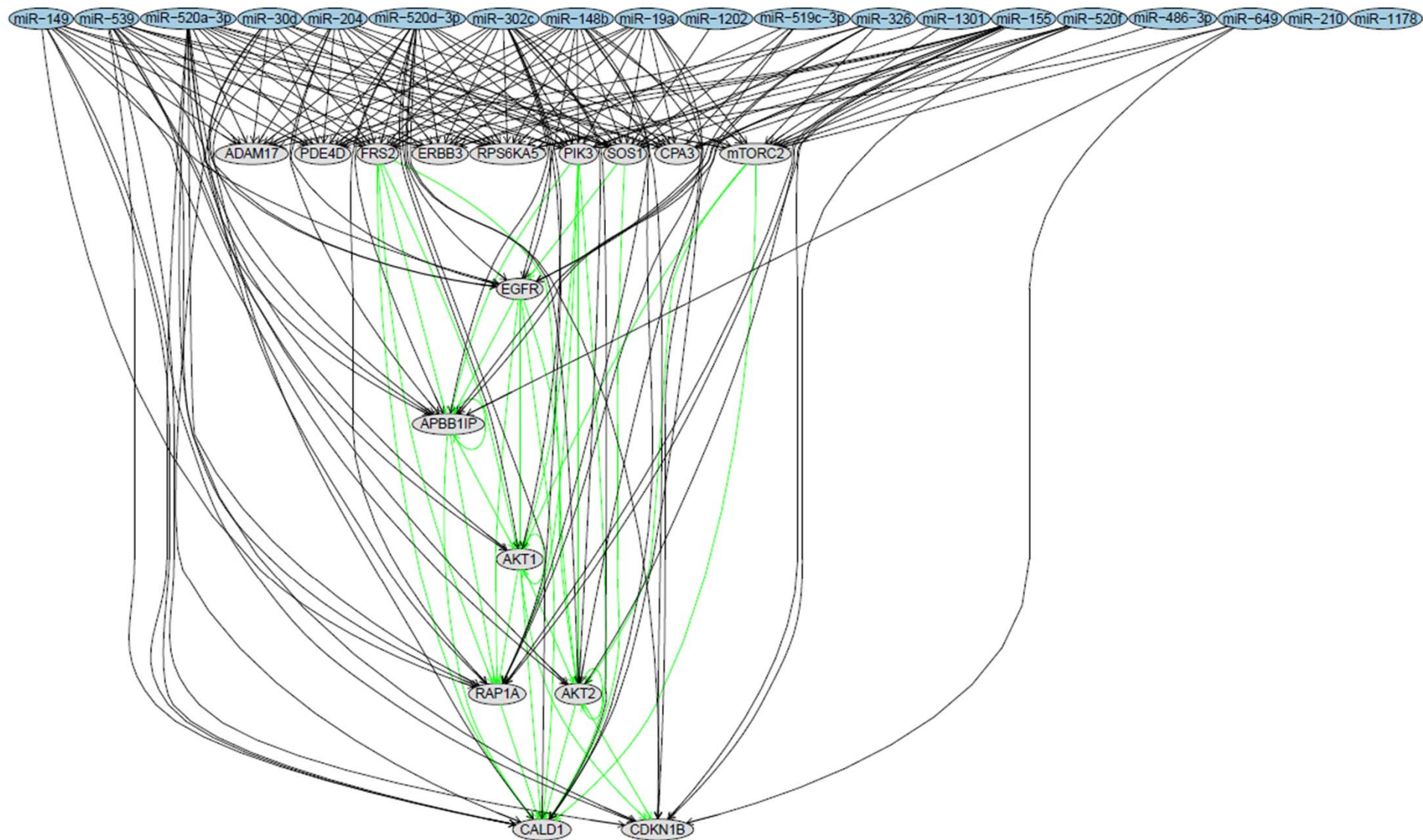


Figure S5

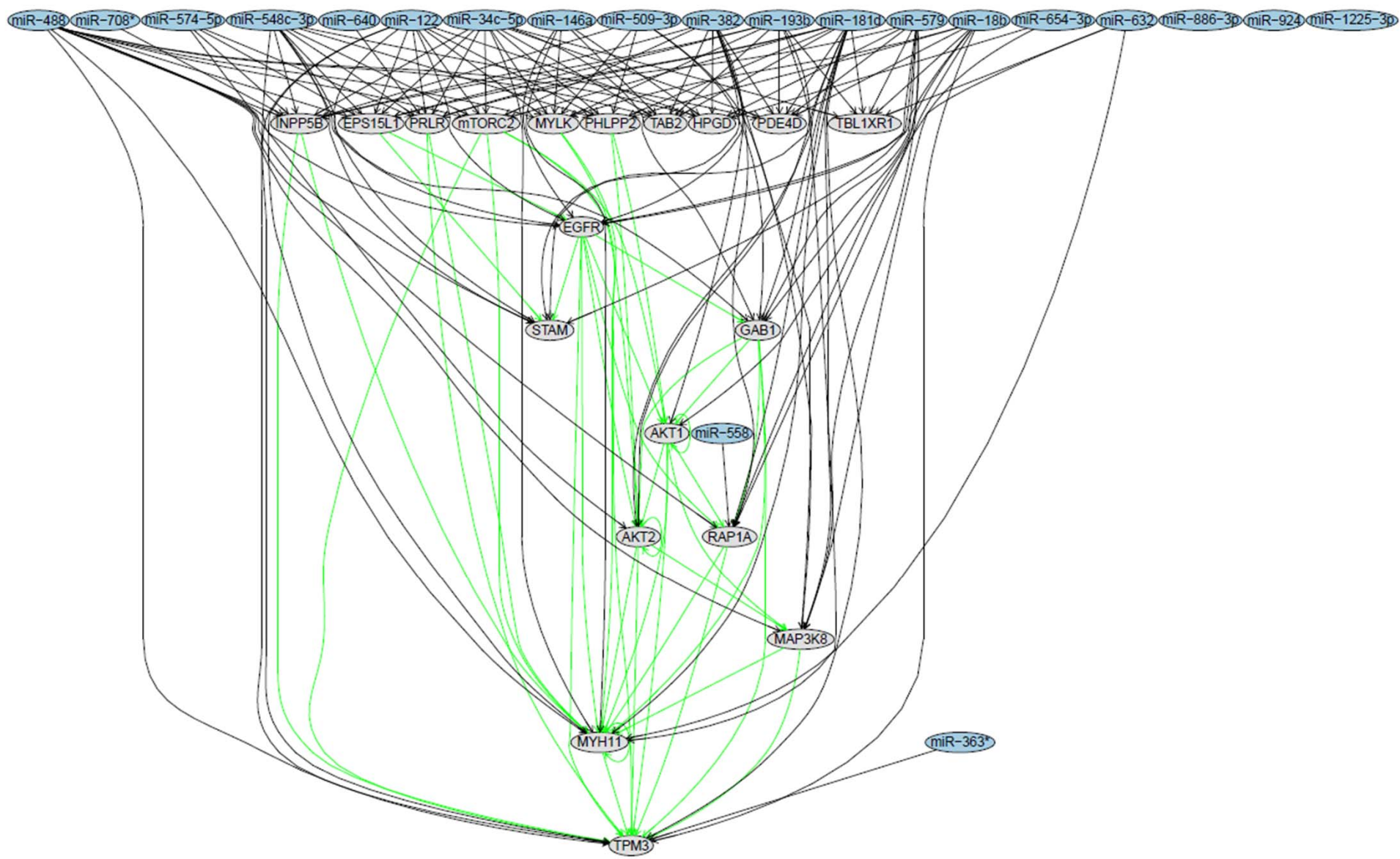


Figure S6

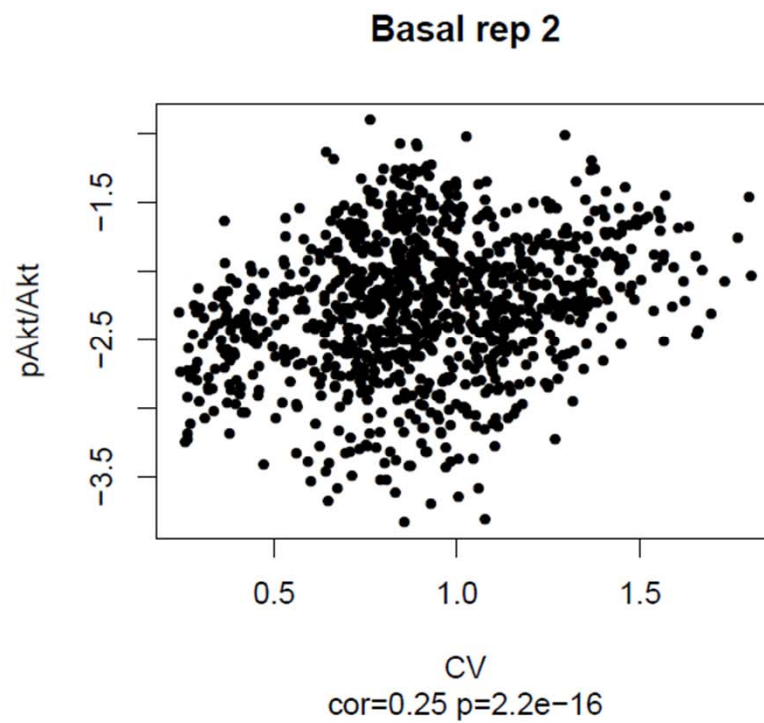
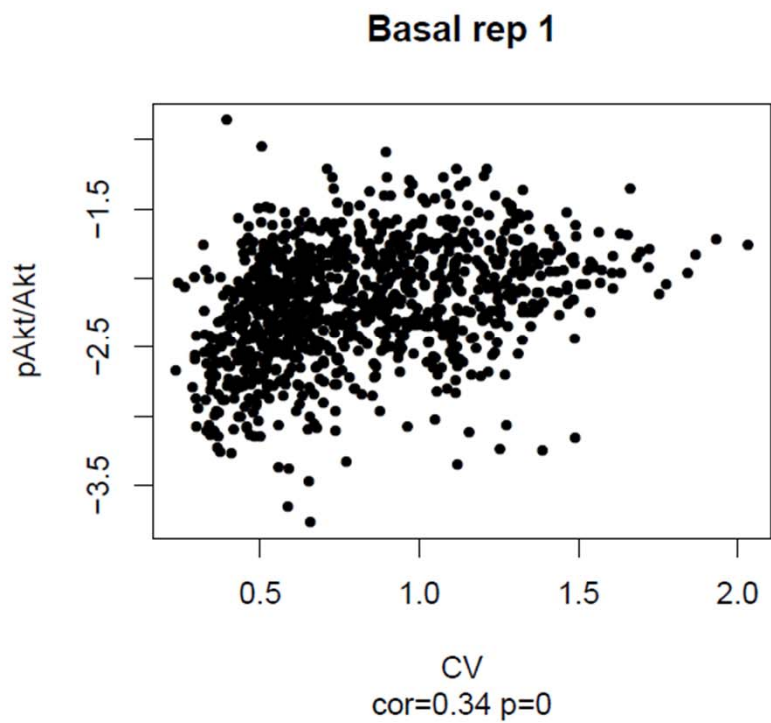


Figure S7

pGL3-ErbB3 3'UTR (Scott et al., 2007)

hsa-miR-520a-3p / ERBB3 alignment

```
3' ugucaggUUUCCCUUCGUGAAa 5' hsa-miR-520a-3p
      ||| | |||||
500: 5' uacuaUCAUAAUUCAGCACUa 3' ERBB3

3' ugucagguuucccuUCGUGAAa 5' hsa-miR-520a-3p
      |||||
650: 5' augccuguaaucucAGCACUu 3' ERBB3
```

ErbB3 mRNA (NM_001982)

hsa-miR-148b / ERBB3 alignment

```
3' uguuucAAG-AC-ACUACGUGACu 5' hsa-miR-148b
      ||| || | |||||
5366: 5' cacuguUUCUUGUUUUUGCACUGa 3' ERBB3
```

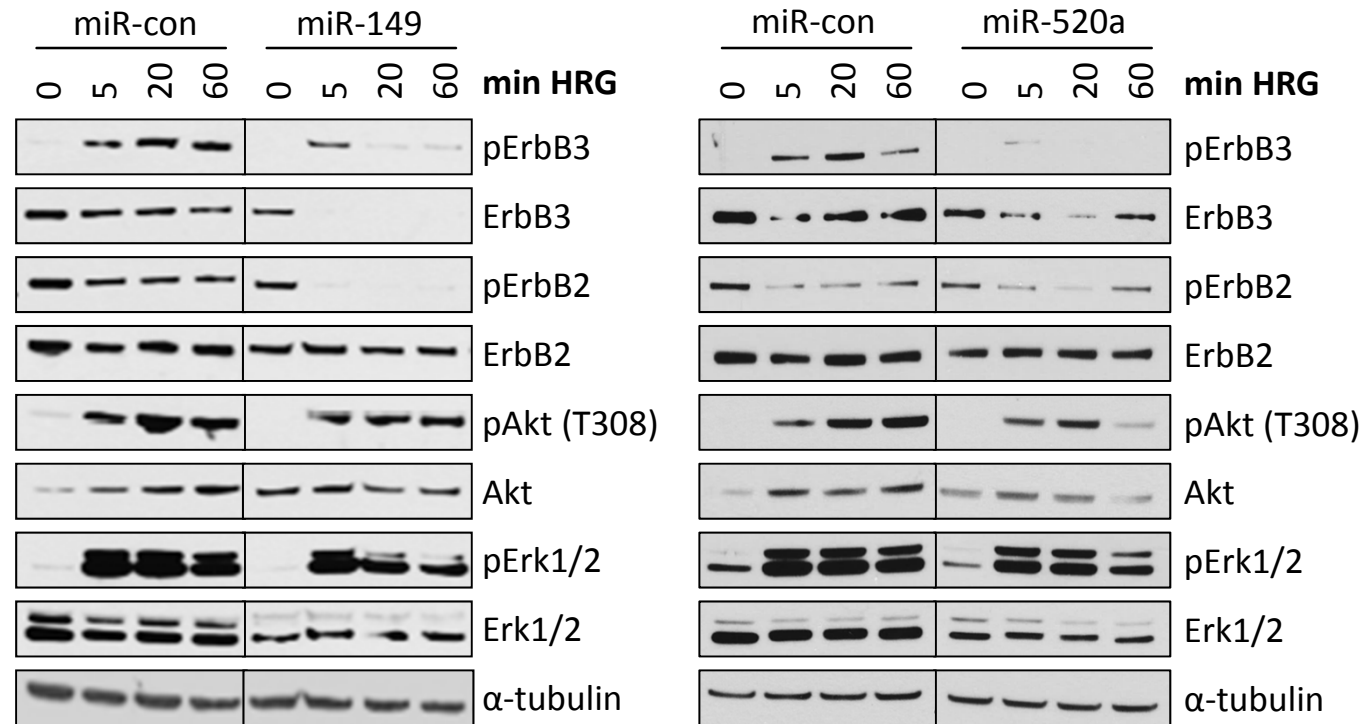
hsa-miR-326 / ERBB3 alignment

```
3' gaccUCC-UUCCCGGGUCUCc 5' hsa-miR-326
      ||| | |||||
4279: 5' cccaAGGCUAAUGCCCAGAGa 3' ERBB3
```

Figure S8

A

SKBR3



B

SKBR3

