

## Function of RTKs in PTX-3 expression

### Supplementary information

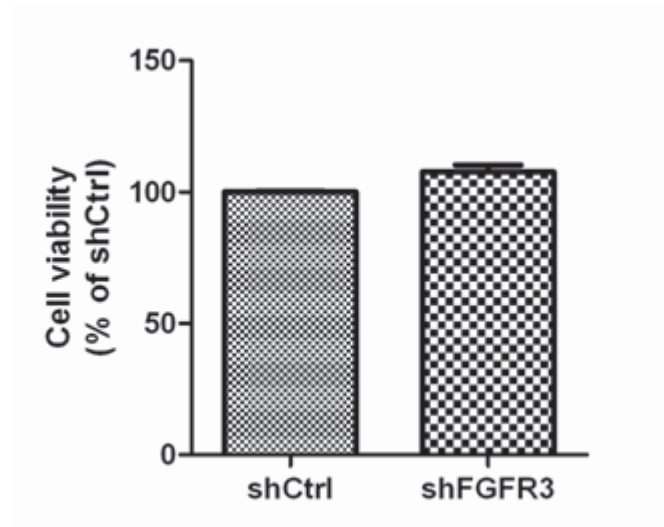
**Table S1.** The relative PTX-3 secretion of U937 cells after the RTKs genes knockdown

Gene symbol	ELISA/MTS (relative to shCtrl)	
	shRNA1	shRNA2
ERBB4	0.745	0.818
MST1R	0.944	1.258
RYK	1.256	1.858
KDR	1.453	1.457
NTRK1	1.046	1.275
STYK1	2.301	1.657
EPHA3	1.46	1.705
FLT1	1.149	1.29
FGFR1	0.727	1.331
AXL	1.797	1.923
NTRK2	1.269	1.296
TEK	1.011	1.003
EGFR	0.753	0.883
ROR2	0.942	0.858
FLT3	1.189	1.008
ALK	1.38	1.409
ERBB3	0.902	0.702
ERBB2	0.618	0.732
INSRR	0.789	0.83
EPHA6	0.895	1.013
EPHA5	0.806	0.814
EPHA7	0.709	0.682
FGFR3	0.668	0.949
MUSK	0.846	1.259
RET	0.614	0.759
IGF1R	0.768	0.78
CSF1R	0.923	1.273
MET	1.564	1.883
EPHA2	2.592	2.95
PDGFRB	1.841	1.885
INSR	1.697	1.941
FGFR2	2.07	1.819
PTK7	2.3	2.236
KIT	1.176	1.624
PDGFRA	1.847	2.137
TIE1	2.652	2.28
DDR2	2.198	2.176

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DDR1	1.146	1.357
LTK	1.381	1.702
EPHB3	1.128	1.326
FGFR4	1.267	1.426
EPHA8	1.046	1.534
NTRK3	1.377	1.128
FLT4	0.964	1.258
EPHB4	1.516	0.986
LMTK2	1.261	1.738
EPHA1	1.189	1.012
AATK	0.884	1.052
MERTK	1.506	1.05
TYRO3	1.256	1.553
ROS1	1.064	1.006
EPHA4	1.156	1.132
EPHB6	1.247	1.444

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**Figure S1.** FGFR3 knockdown has no effect on U937 cell viability. U937 cells were infected with either shRNA control lentiviral vectors or FGFR3 shRNA lentiviral vectors for 120 hrs and cell viability was determined by MTS assay.