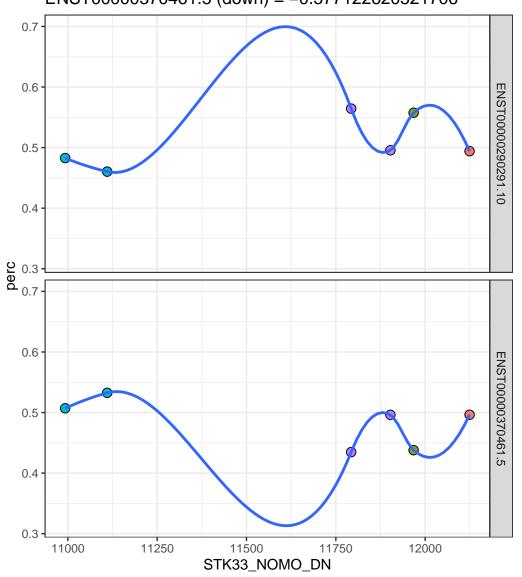
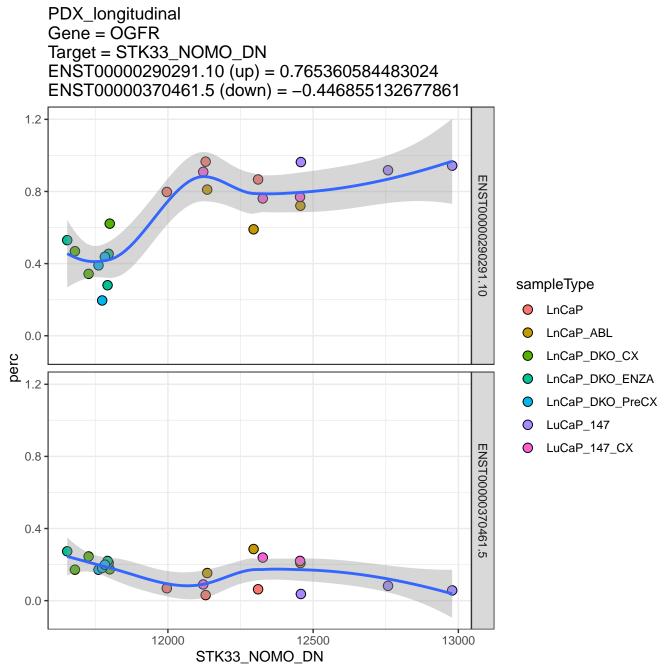


LTL\_longitudinal
Gene = OGFR
Target = STK33\_NOMO\_DN
ENST00000290291.10 (up) = 0.562268872991786
ENST00000370461.5 (down) = -0.577122620521706



LTL331\_Cx\_12w



CellLine Gene = OGFR Target = STK33\_DN ENST00000290291.10 (up) = -0.312062508044866ENST00000370461.5 (down) = 0.316242247728238 1.00 -0 0.75 ENST00000290291.10 sampleType 0.50 -22RV1 **DU145** 0.25 -LnCaP LnCaP\_ABL LnCaP\_DB 0.00 0.01 LnCaP\_DKO LnCaP\_Nelson LnCaP\_P53 MDAPCA2B 0.75 ENST00000370461.5 NCIH660 PC3 0.50 **VCAP** 

0.25

0.00

12600

12800

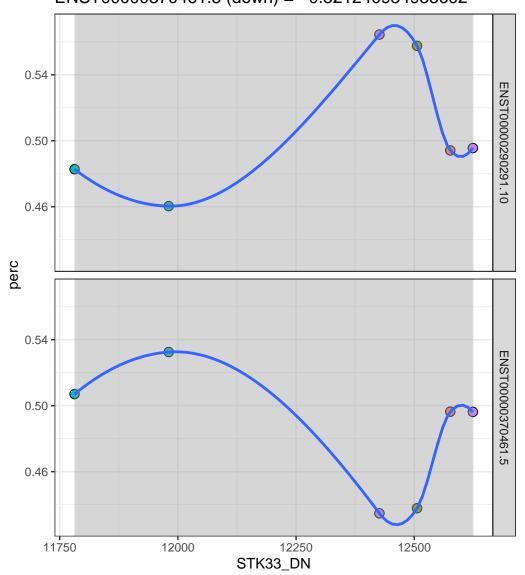
13000

STK33\_DN

13200

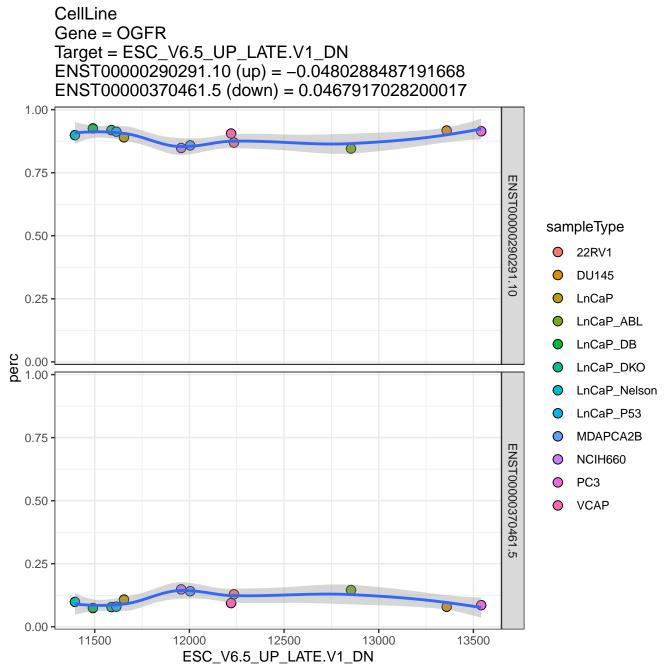
13400

LTL\_longitudinal
Gene = OGFR
Target = STK33\_DN
ENST00000290291.10 (up) = 0.512361644100001
ENST00000370461.5 (down) = -0.521240934955602

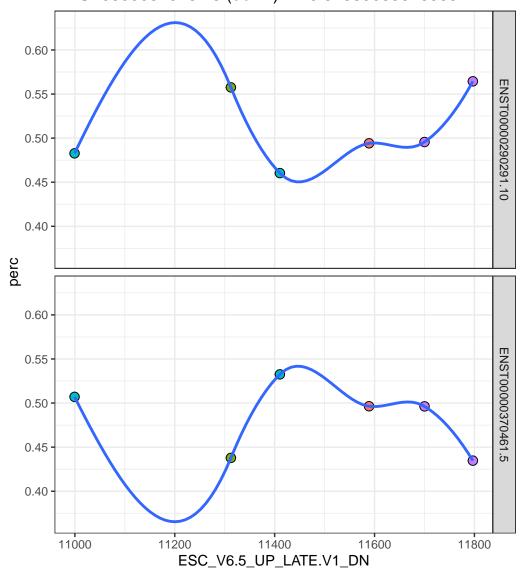


LTL331\_Cx\_12w

PDX\_longitudinal Gene = OGFR Target = STK33\_DN ENST00000290291.10 (up) = 0.752570673300076ENST00000370461.5 (down) = -0.5078652451438171.2 0 ENST00000290291.10 0.8 0 0.4 sampleType LnCaP LnCaP\_ABL 0.0 LnCaP\_DKO\_CX perc LnCaP\_DKO\_ENZA 1.2 LnCaP\_DKO\_PreCX LuCaP\_147 LuCaP\_147\_CX ENST00000370461.5 8.0 0.4 0 0 0.0 13000 12500 13500 STK33\_DN



LTL\_longitudinal
Gene = OGFR
Target = ESC\_V6.5\_UP\_LATE.V1\_DN
ENST00000290291.10 (up) = 0.339973521460579
ENST00000370461.5 (down) = -0.318850556205994

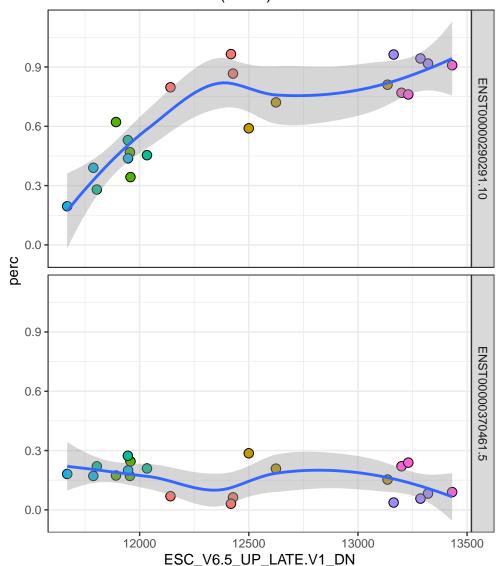


LTL331\_Cx\_12w

LTL331\_Cx\_8w LTL331\_Cx\_R

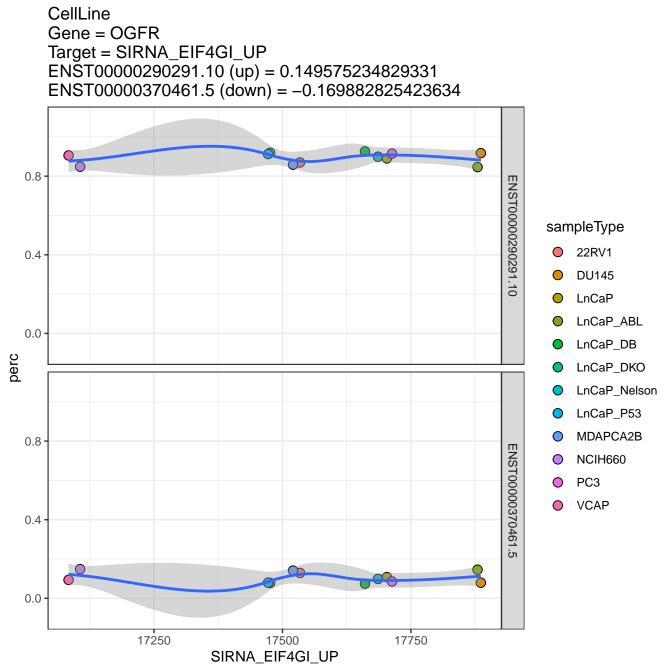
LTL331\_PreCx

PDX\_longitudinal Gene = OGFR Target = ESC\_V6.5\_UP\_LATE.V1\_DN ENST00000290291.10 (up) = 0.817038546038309 ENST00000370461.5 (down) = -0.380329332797699

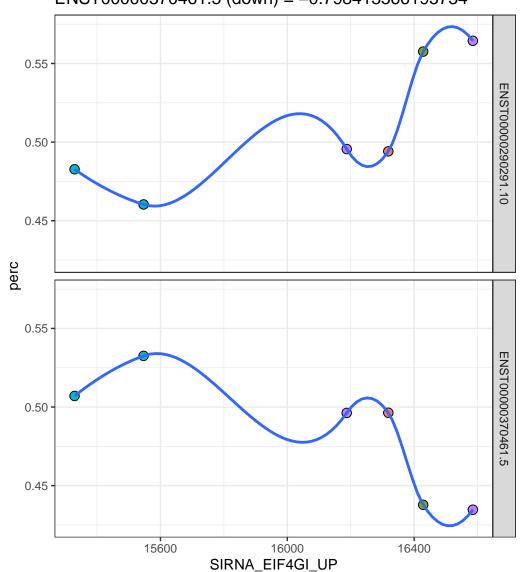


## sampleType

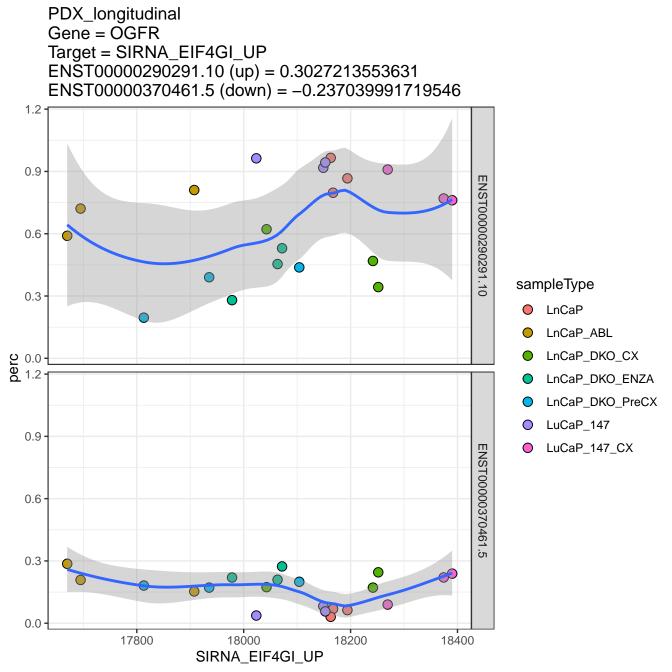
- LnCaP
- LnCaP\_ABL
- LnCaP\_DKO\_CXLnCaP\_DKO\_ENZA
- LnCaP\_DKO\_PreCX
- LuCaP\_147
- LuCaP\_147\_CX



LTL\_longitudinal
Gene = OGFR
Target = SIRNA\_EIF4GI\_UP
ENST00000290291.10 (up) = 0.798945240231133
ENST00000370461.5 (down) = -0.798413566195734



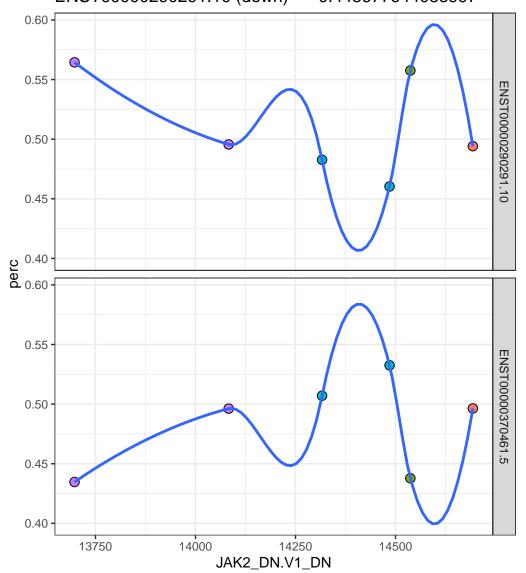
LTL331\_Cx\_12w



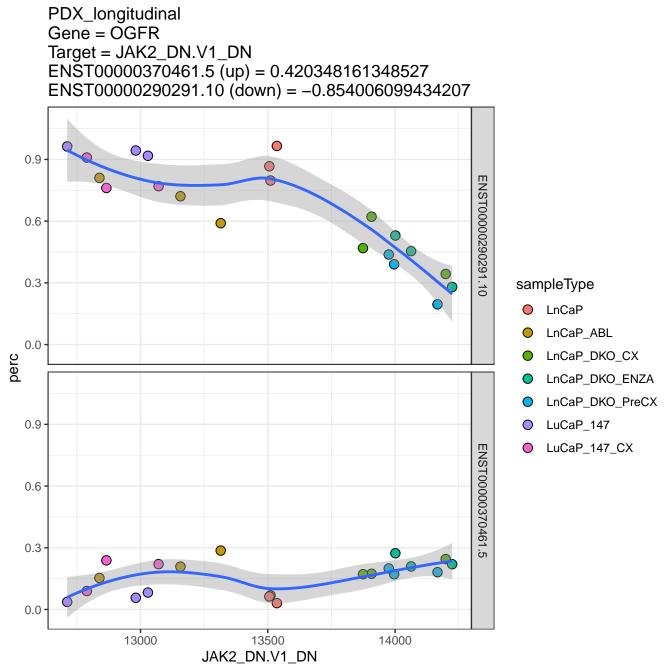
CellLine Gene = OGFR Target = JAK2\_DN.V1\_DN ENST00000370461.5 (up) = -0.102291998128652ENST00000290291.10 (down) = 0.0872343839895024 0.9 ENST00000290291.10 0.6 sampleType 22RV1 **DU145** 0.3 LnCaP LnCaP\_ABL 0.0 LnCaP\_DB perc LnCaP\_DKO LnCaP\_Nelson LnCaP\_P53 0.9 MDAPCA2B ENST00000370461.5 NCIH660 0.6 PC3 **VCAP** 0.3 0.0 13300 13500 13700

JAK2\_DN.V1\_DN

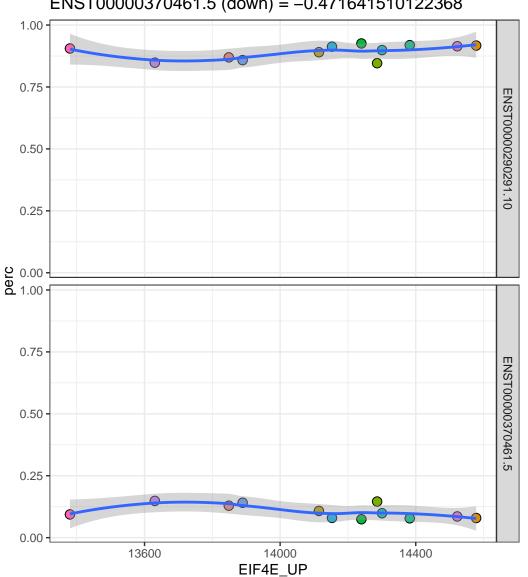
LTL\_longitudinal
Gene = OGFR
Target = JAK2\_DN.V1\_DN
ENST00000370461.5 (up) = 0.425299166142721
ENST00000290291.10 (down) = -0.448677644088997



LTL331\_Cx\_12w



CellLine
Gene = OGFR
Target = EIF4E\_UP
ENST00000290291.10 (up) = 0.444898777628031
ENST00000370461.5 (down) = -0.471641510122368



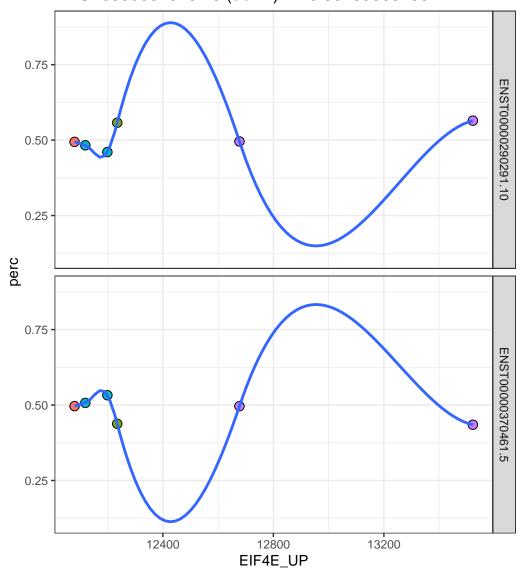


- DU145
- DU145LnCaP
- LnCaP\_ABL

LnCaP\_P53

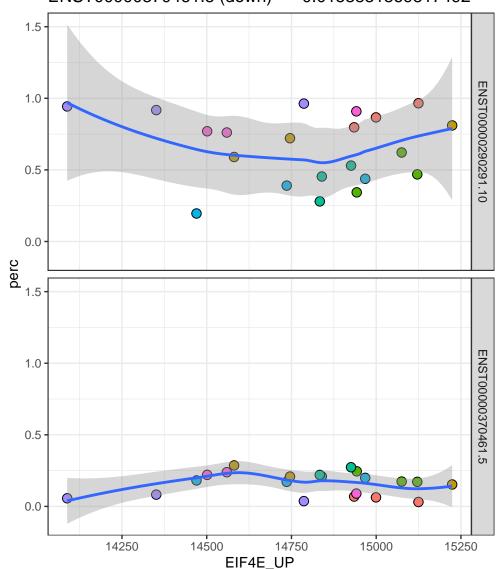
- LnCaP\_DB
- LnCaP\_DKO
- LnCaP\_Nelson
- MDAPCA2B
- O NCIH660
- O PC3
- VCAP

LTL\_longitudinal
Gene = OGFR
Target = EIF4E\_UP
ENST00000290291.10 (up) = 0.615287199730235
ENST00000370461.5 (down) = -0.587958667981171



LTL331\_Cx\_12w

PDX\_longitudinal
Gene = OGFR
Target = EIF4E\_UP
ENST00000290291.10 (up) = -0.0933450547289267
ENST00000370461.5 (down) = -0.0153831869817492

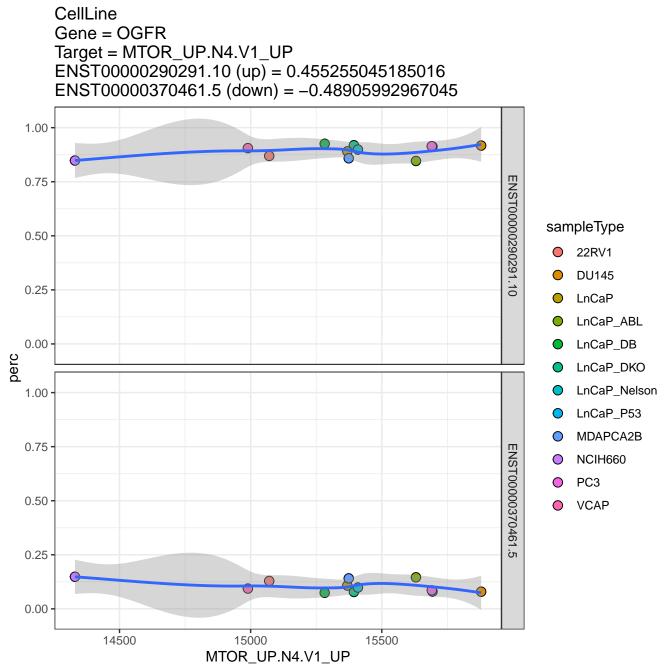


sampleType

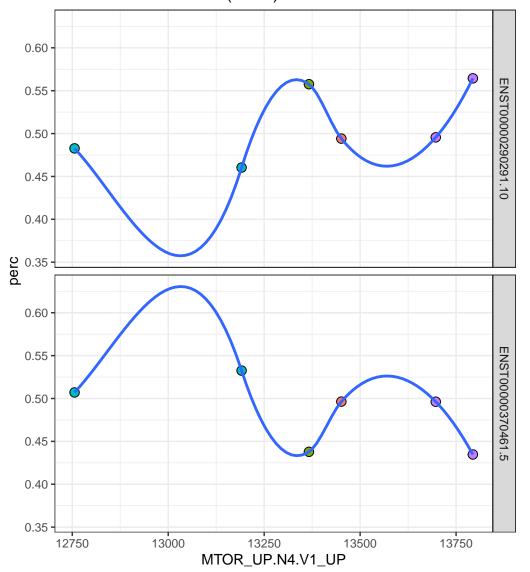
- LnCaP
- LnCaP\_ABL
- LnCaP\_DKO\_ENZA
- LnCaP\_DKO\_PreCX

LnCaP\_DKO\_CX

- LuCaP\_147
- LuCaP\_147\_CX



LTL\_longitudinal
Gene = OGFR
Target = MTOR\_UP.N4.V1\_UP
ENST00000290291.10 (up) = 0.538808381983965
ENST00000370461.5 (down) = -0.522757787959842



LTL331\_Cx\_12w

LTL331\_Cx\_8w LTL331\_Cx\_R

LTL331\_PreCx

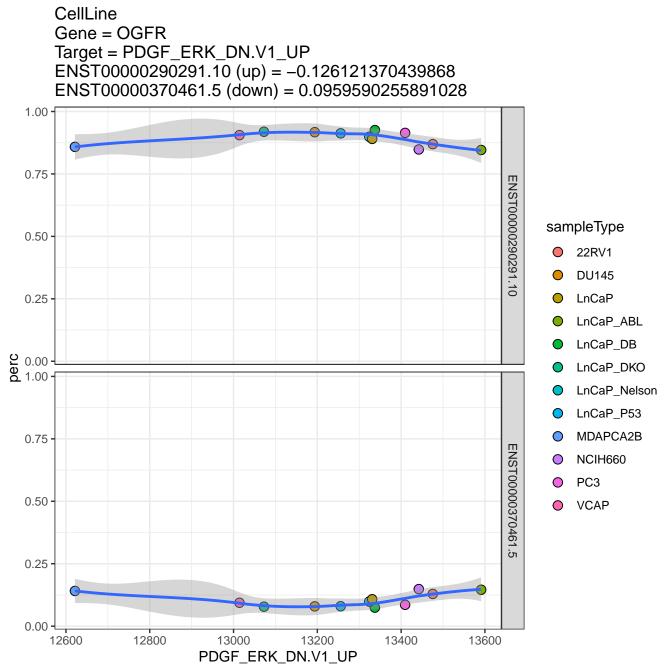
PDX\_longitudinal Gene = OGFR Target = MTOR\_UP.N4.V1\_UP ENST00000290291.10 (up) = -0.145017391332887 ENST00000370461.5 (down) = -0.329417260257756 1.5 ENST00000290291.10 1.0 0 0 0.5 sampleType LnCaP LnCaP\_ABL 0.0 LnCaP\_DKO\_CX 5.1 berc LnCaP\_DKO\_ENZA LnCaP\_DKO\_PreCX LuCaP\_147 LuCaP\_147\_CX ENST00000370461.5 1.0 0.5 0.0

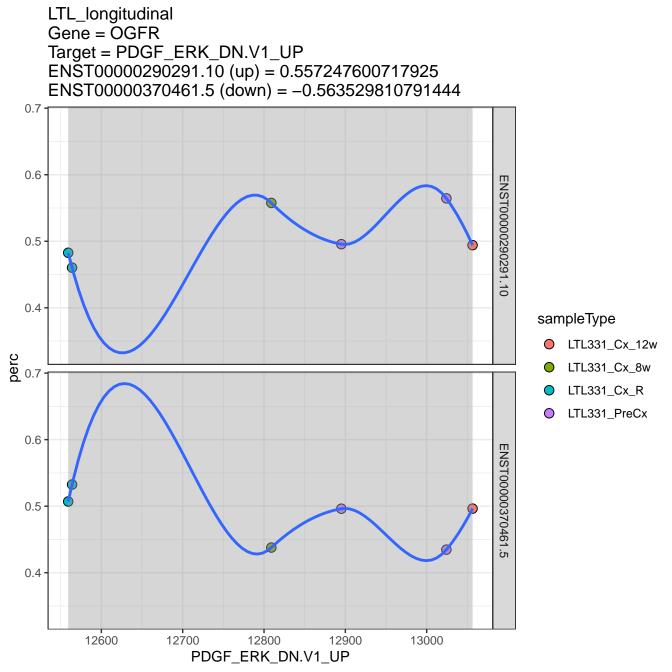
15600

15000

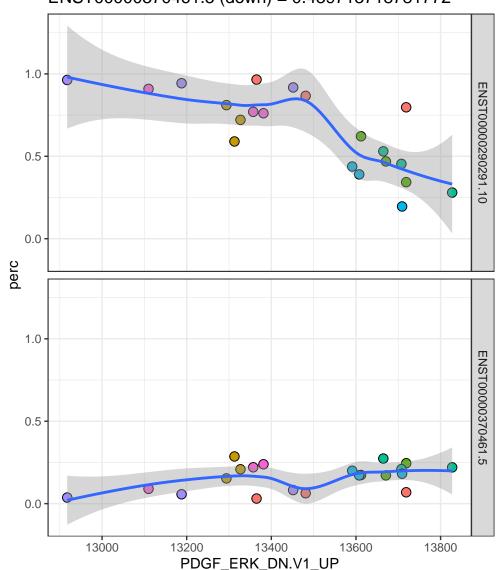
15300

MTOR\_UP.N4.V1\_UP





PDX\_longitudinal Gene = OGFR Target = PDGF\_ERK\_DN.V1\_UP ENST00000290291.10 (up) = -0.771849248668779 ENST00000370461.5 (down) = 0.439713718781772



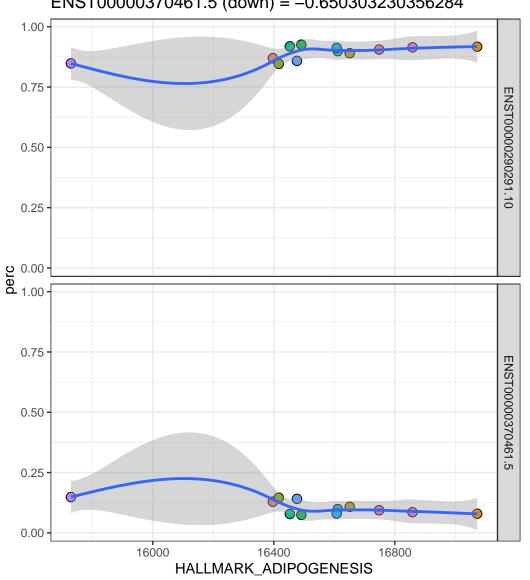
sampleType

- LnCaP
- LnCaP\_ABL
- LnCaP\_DKO\_ENZA
- LnCaP\_DKO\_PreCX

LnCaP\_DKO\_CX

- LuCaP\_147
- LuCaP\_147\_CX

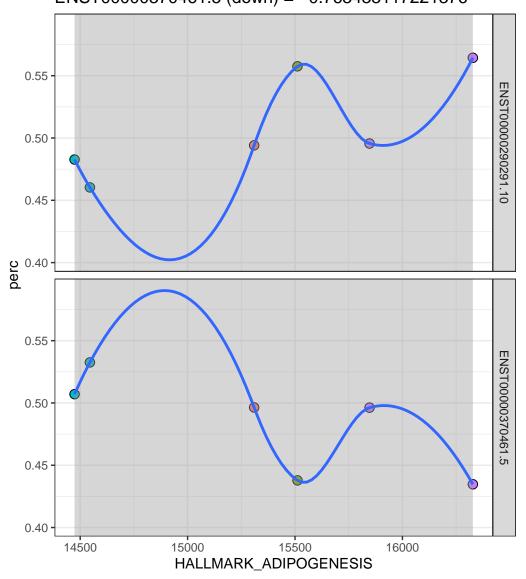
CellLine
Gene = OGFR
Target = HALLMARK\_ADIPOGENESIS
ENST00000290291.10 (up) = 0.651144518924058
ENST00000370461.5 (down) = -0.650303230356284



## sampleType 22RV1

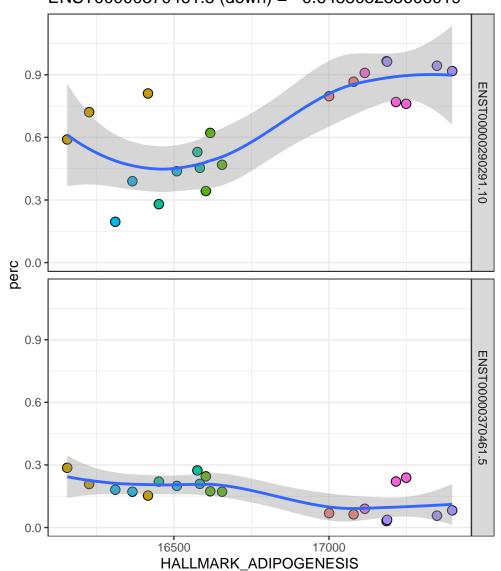
- DU145
- LnCaP
- LnCaP\_ABL
- LnCaP\_DB
- LnCaP\_DKO
- LnCaP\_NelsonLnCaP\_P53
- MDAPCA2B
- O NCIH660
- O PC3
- VCAP

LTL\_longitudinal
Gene = OGFR
Target = HALLMARK\_ADIPOGENESIS
ENST00000290291.10 (up) = 0.770601922019127
ENST00000370461.5 (down) = -0.763433117221376



LTL331\_Cx\_12w

PDX\_longitudinal Gene = OGFR Target = HALLMARK\_ADIPOGENESIS ENST00000290291.10 (up) = 0.743388683209129 ENST00000370461.5 (down) = -0.648805235606019



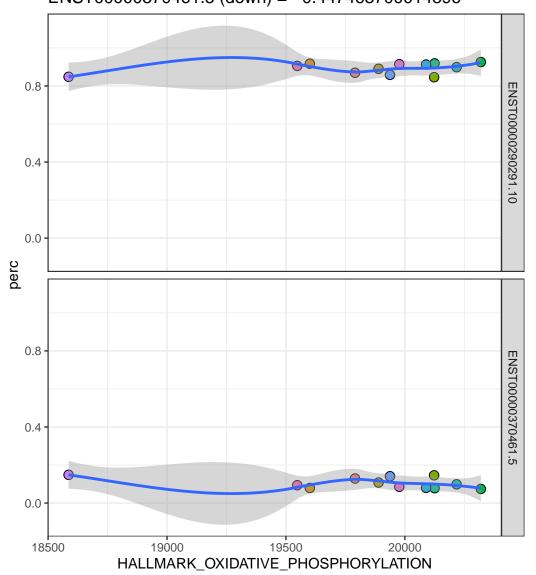
## sampleType

- LnCaP
- LnCaP\_ABL

LnCaP\_DKO\_CX

- LnCaP\_DKO\_ENZA
- LnCaP\_DKO\_PreCX
- LuCaP\_147
- LuCaP\_147\_CX

CellLine
Gene = OGFR
Target = HALLMARK\_OXIDATIVE\_PHOSPHORYLATION
ENST00000290291.10 (up) = 0.435835867362236
ENST00000370461.5 (down) = -0.447463700014896



sampleType

22RV1

DU145 LnCaP

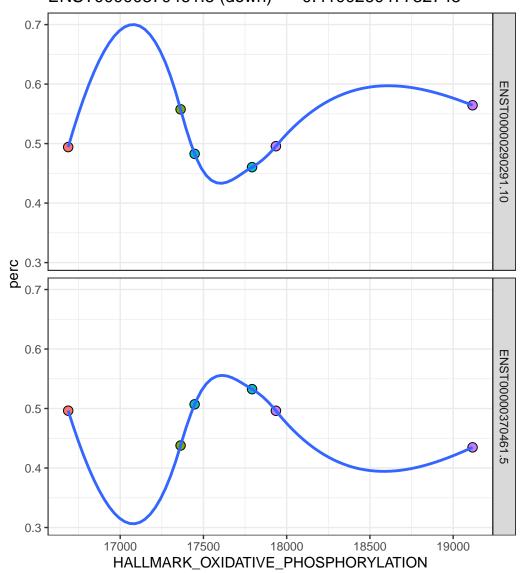
LnCaP\_ABL

LnCaP\_DB

NCIH660 PC3 VCAP

LnCaP\_DKO LnCaP\_Nelson LnCaP\_P53 MDAPCA2B

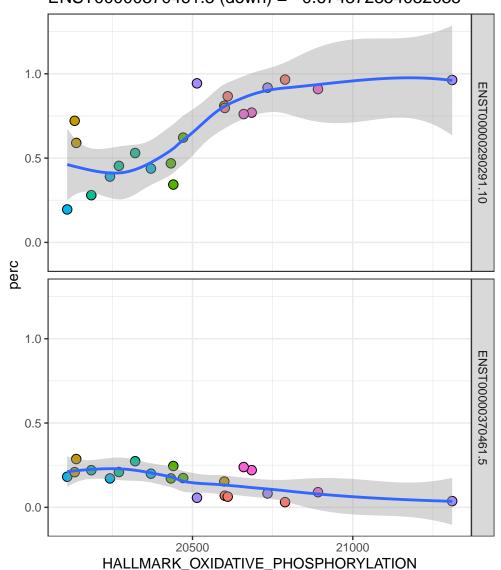
LTL\_longitudinal
Gene = OGFR
Target = HALLMARK\_OXIDATIVE\_PHOSPHORYLATION
ENST00000290291.10 (up) = 0.446873405973876
ENST00000370461.5 (down) = -0.410026047732745



LTL331\_Cx\_12w

LTL331\_Cx\_8w

LTL331\_Cx\_R LTL331\_PreCx PDX\_longitudinal
Gene = OGFR
Target = HALLMARK\_OXIDATIVE\_PHOSPHORYLATION
ENST00000290291.10 (up) = 0.75879460869403
ENST00000370461.5 (down) = -0.674372354052035

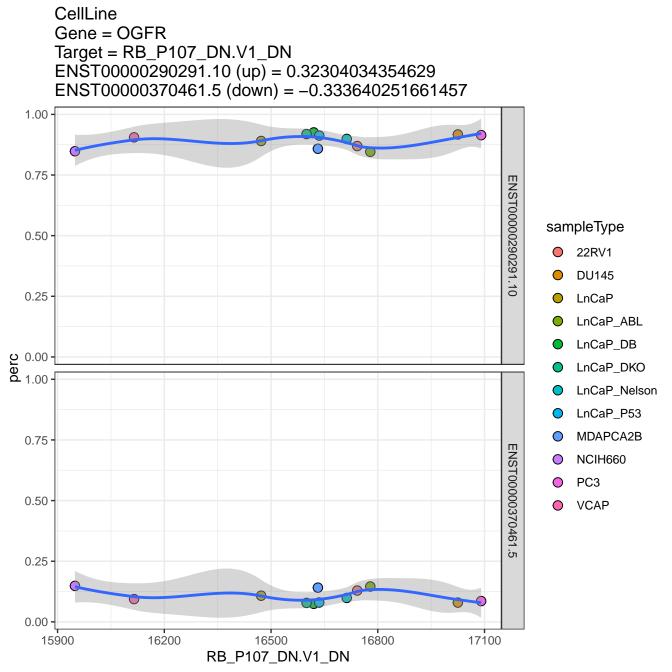


sampleType

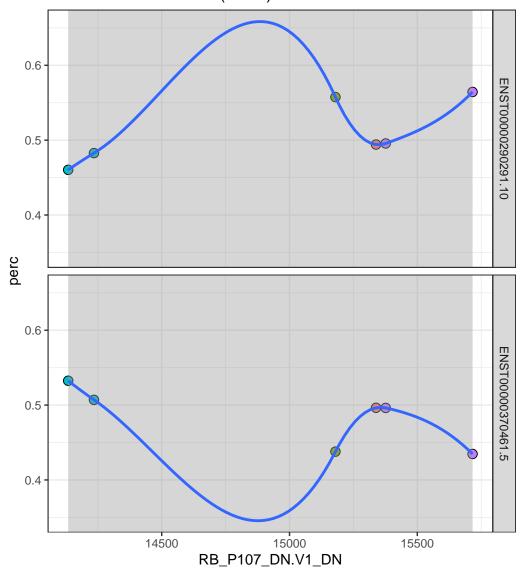
- LnCaP
- LnCaP\_ABL
- LnCaP\_DKO\_ENZA
- LnCaP\_DKO\_PreCX

LnCaP\_DKO\_CX

- LuCaP\_147
- LuCaP\_147\_CX

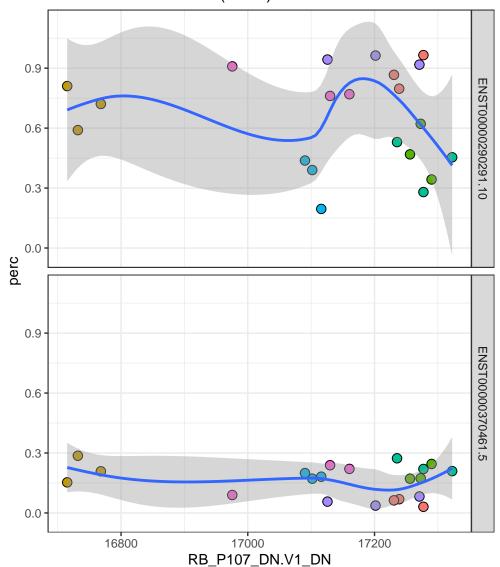


LTL\_longitudinal
Gene = OGFR
Target = RB\_P107\_DN.V1\_DN
ENST00000290291.10 (up) = 0.729766376714301
ENST00000370461.5 (down) = -0.733996746917397



LTL331\_Cx\_12w

PDX\_longitudinal Gene = OGFR Target = RB\_P107\_DN.V1\_DN ENST00000290291.10 (up) = -0.133257202706242 ENST00000370461.5 (down) = -0.21935028495045



sampleType

LnCaP

LnCaP\_ABL

LuCaP\_147

LuCaP\_147\_CX

LnCaP\_DKO\_CX

LnCaP\_DKO\_ENZA LnCaP\_DKO\_PreCX