

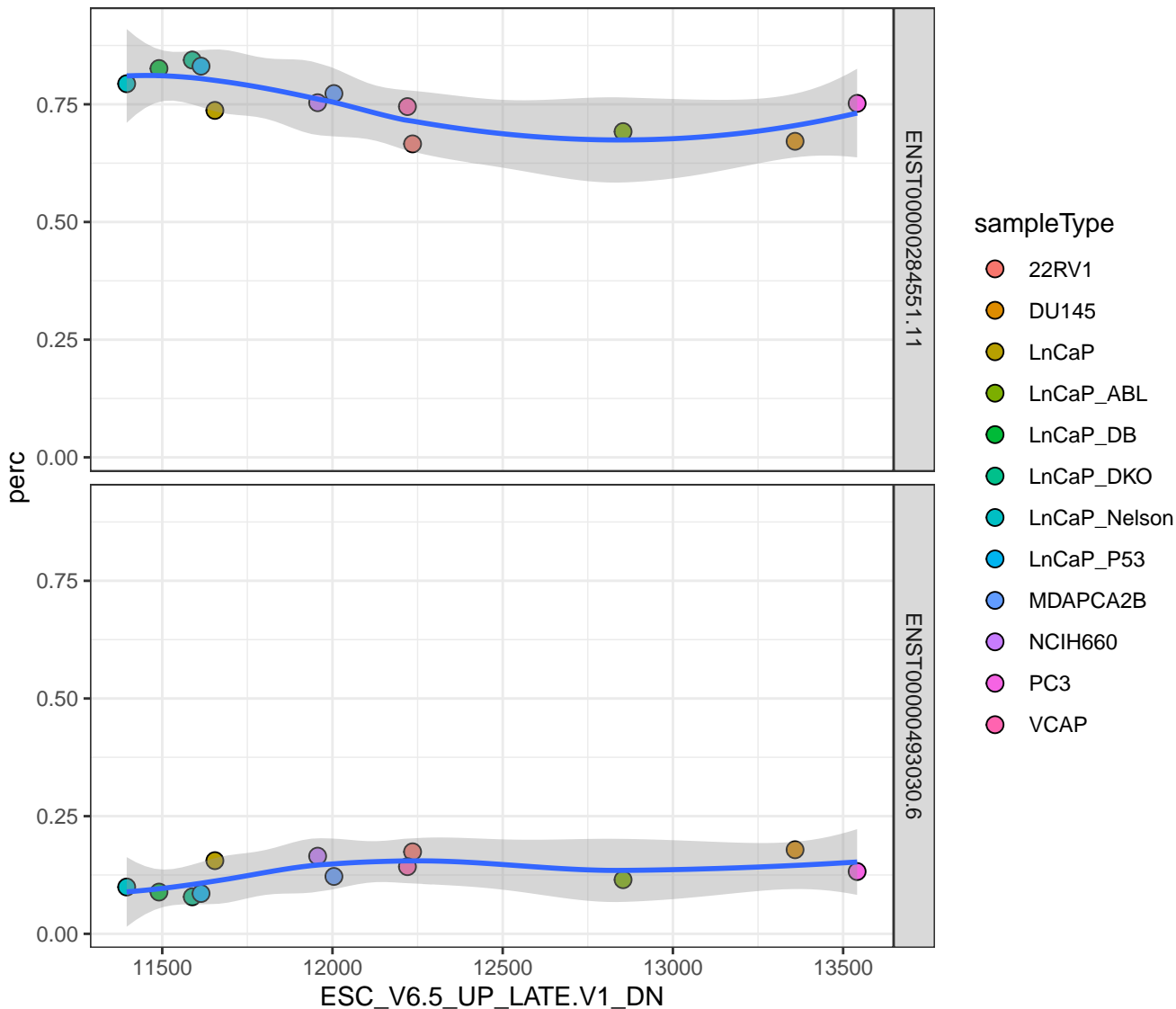
CellLine

Gene = TRIM11

Target = ESC\_V6.5\_UP\_LATE.V1\_DN

ENST00000284551.11 (up) = -0.661398857566994

ENST00000493030.6 (down) = 0.497145726859731



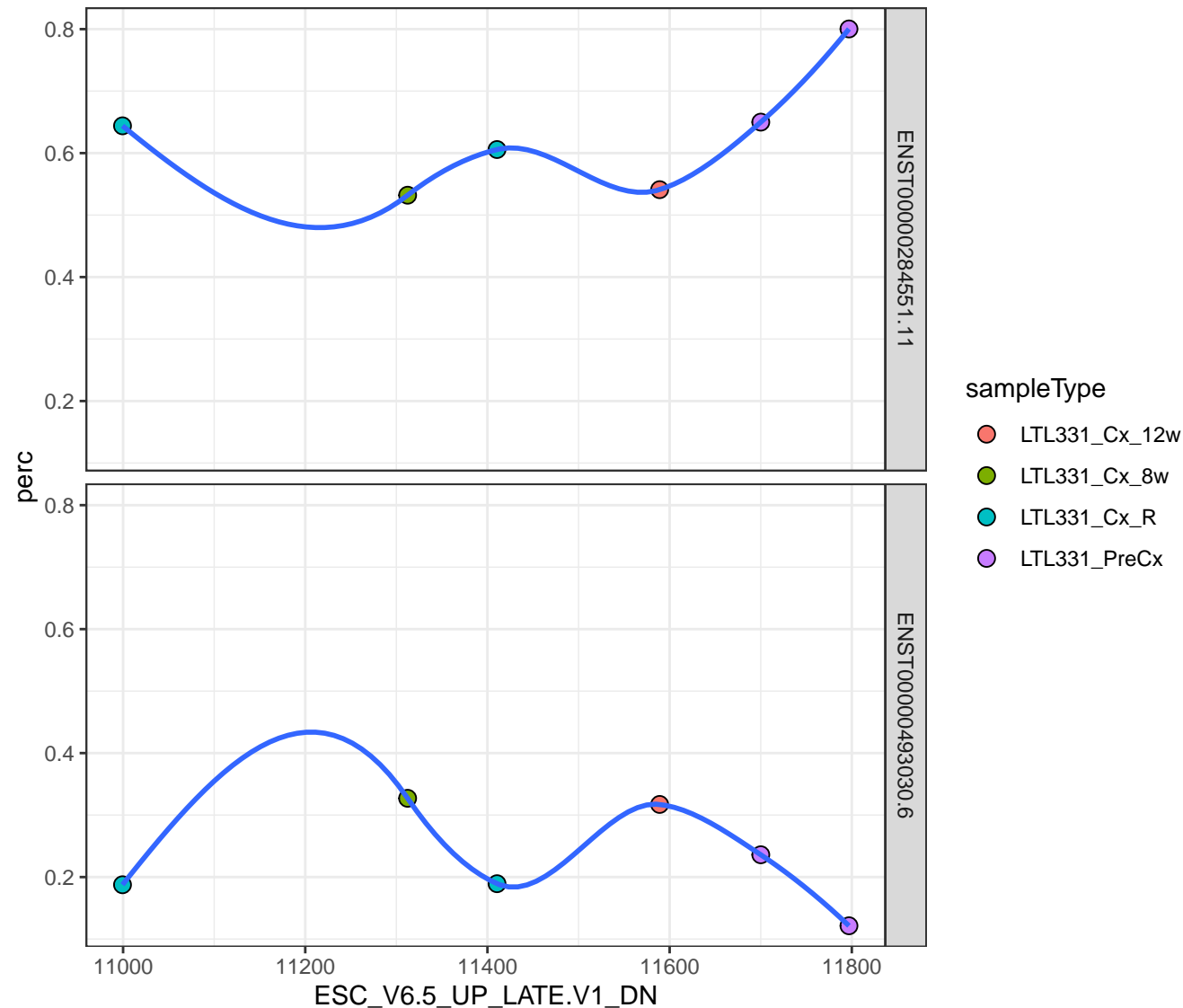
LTL\_longitudinal

Gene = TRIM11

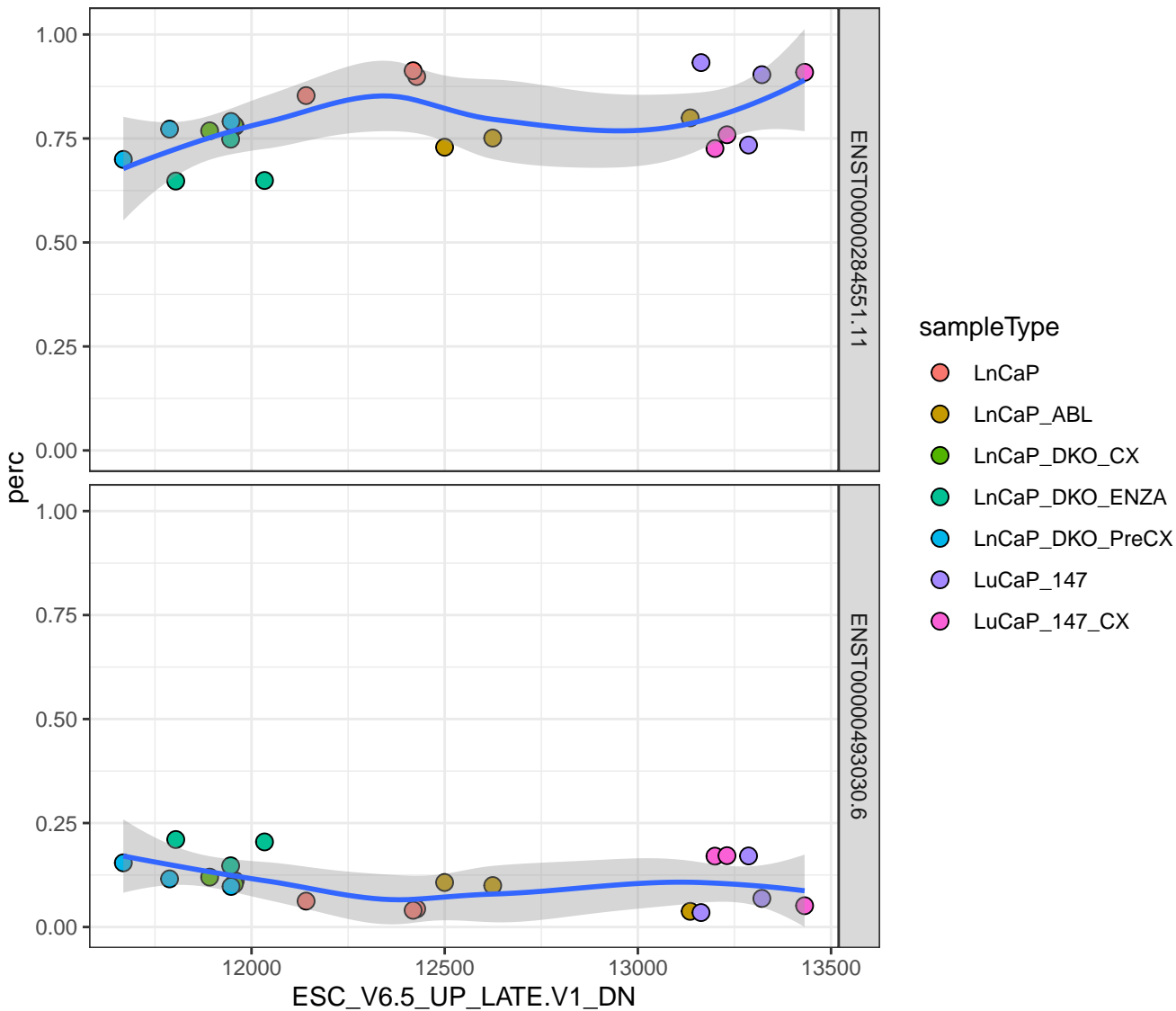
Target = ESC\_V6.5\_UP\_LATE.V1\_DN

ENST00000284551.11 (up) = 0.421659949445804

ENST00000493030.6 (down) = -0.142426060732608



PDX\_longitudinal  
Gene = TRIM11  
Target = ESC\_V6.5\_UP\_LATE.V1\_DN  
ENST0000028451.11 (up) = 0.425916904669953  
ENST00000493030.6 (down) = -0.283106150322571



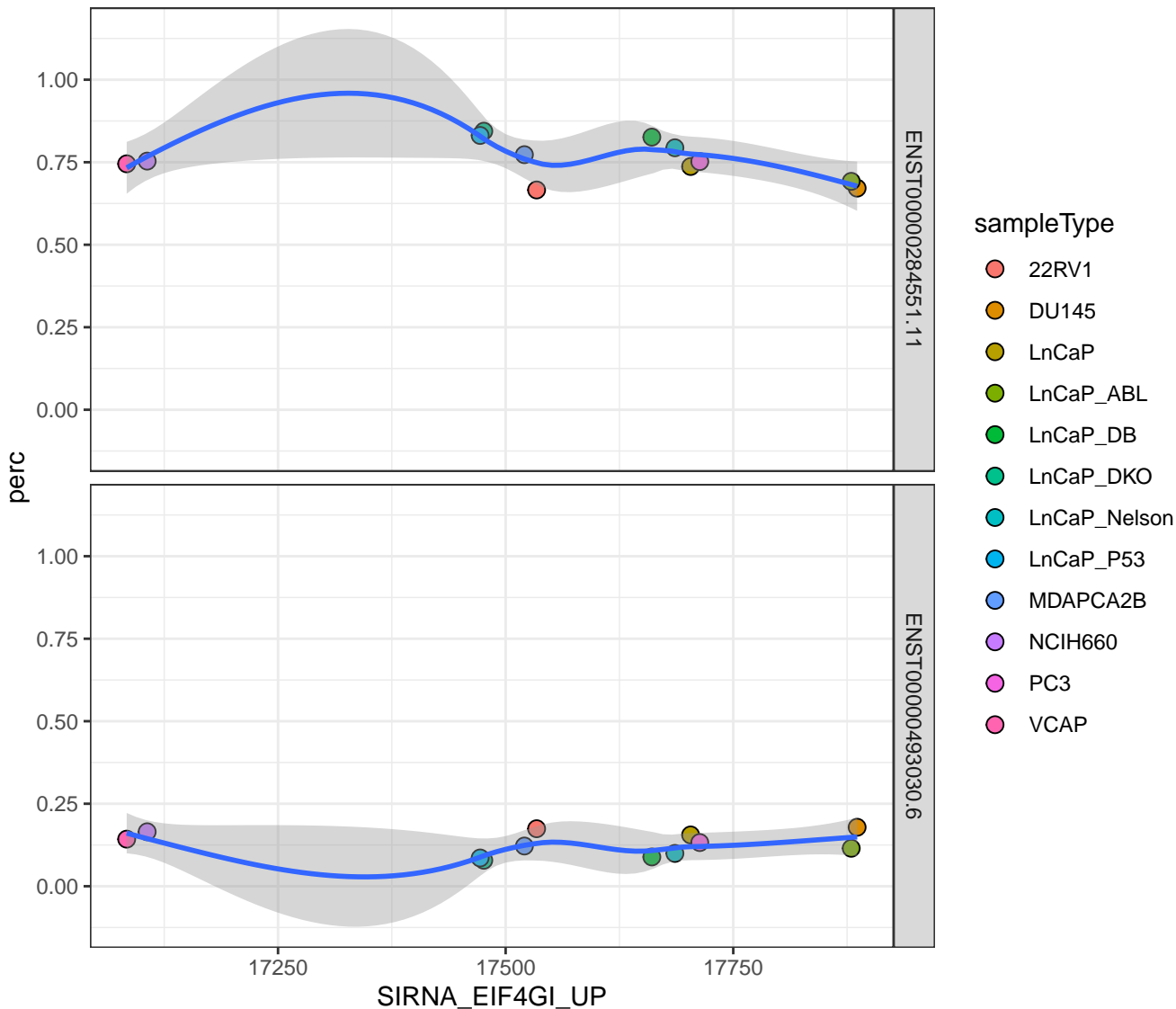
CellLine

Gene = TRIM11

Target = SIRNA\_EIF4GI\_UP

ENST00000284551.11 (up) =  $-0.267451170386189$

ENST00000493030.6 (down) =  $-0.0741048813093883$



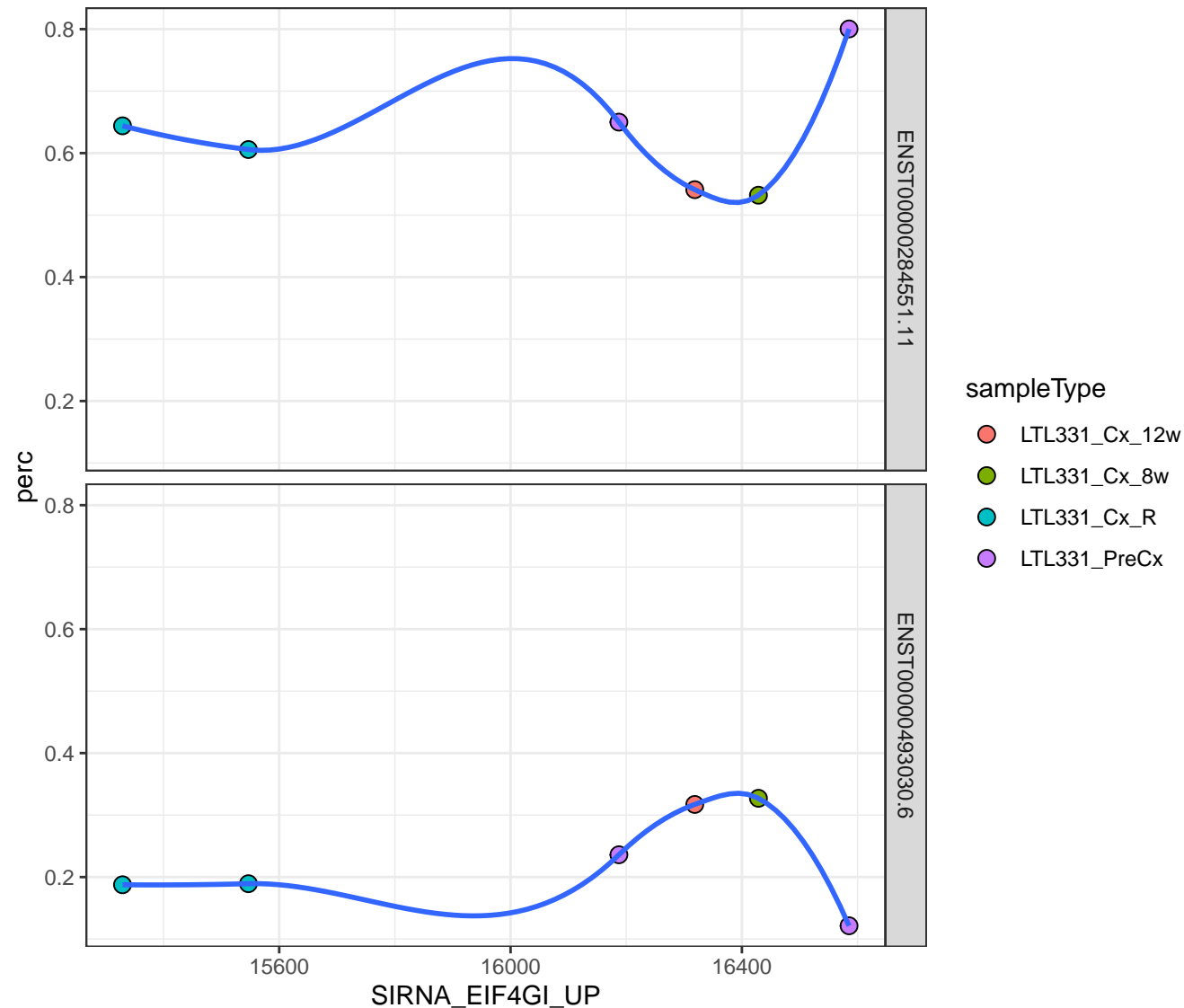
LTL\_longitudinal

Gene = TRIM11

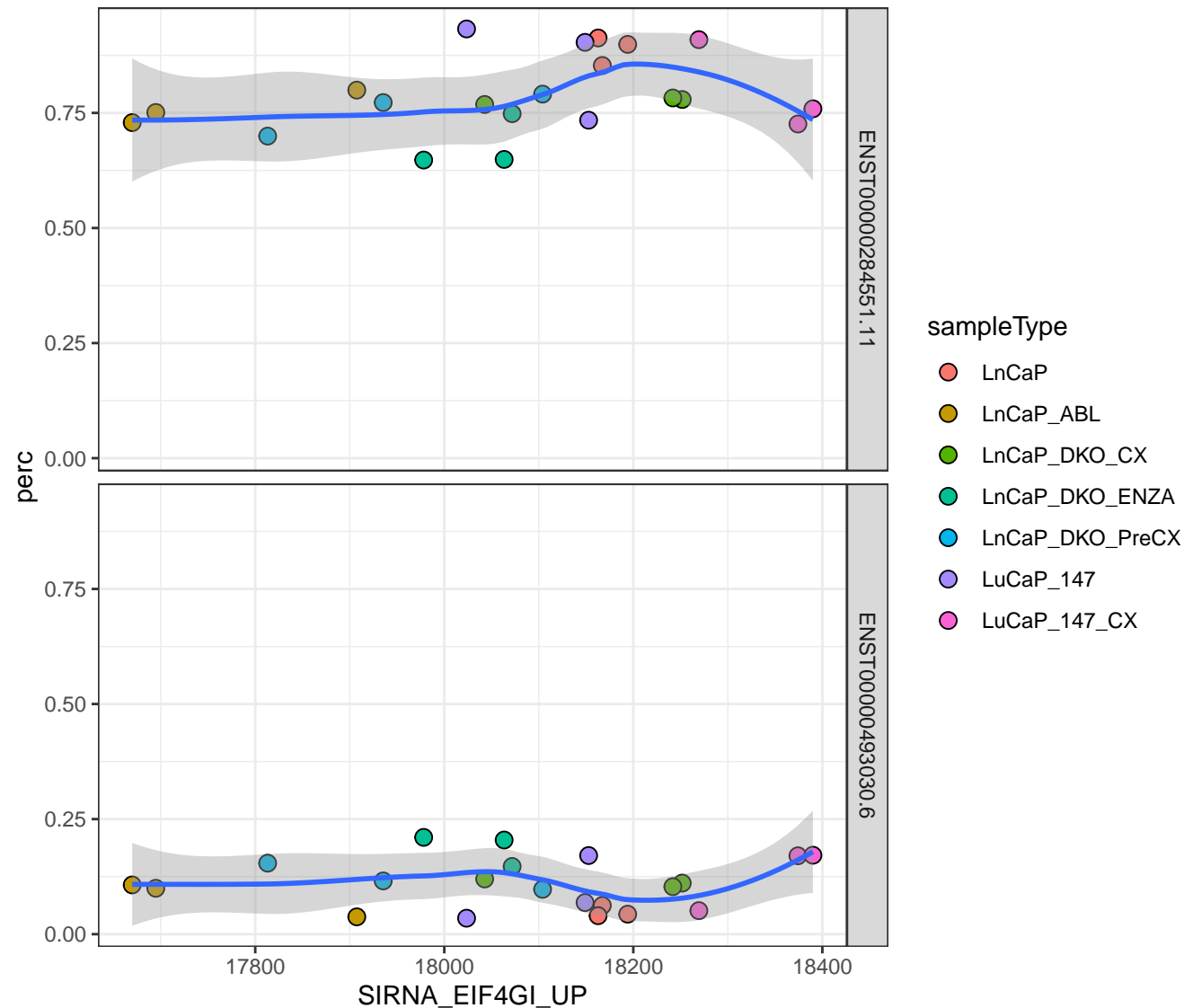
Target = SIRNA\_EIF4GI\_UP

ENST00000284551.11 (up) = 0.14156192486844

ENST00000493030.6 (down) = 0.264026046417041



ENST00000493030.6 (down) = 0.0244512074367207



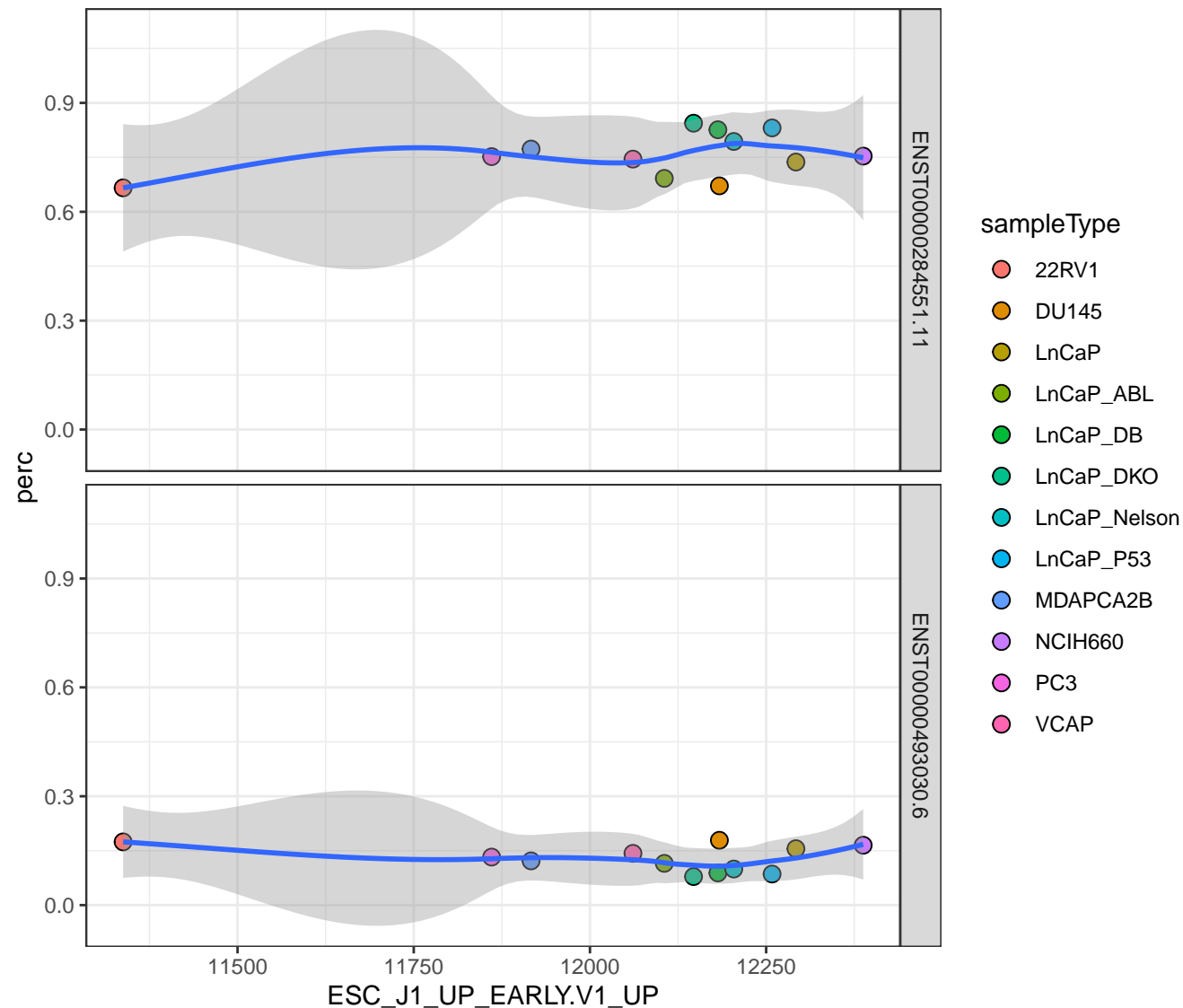
CellLine

Gene = TRIM11

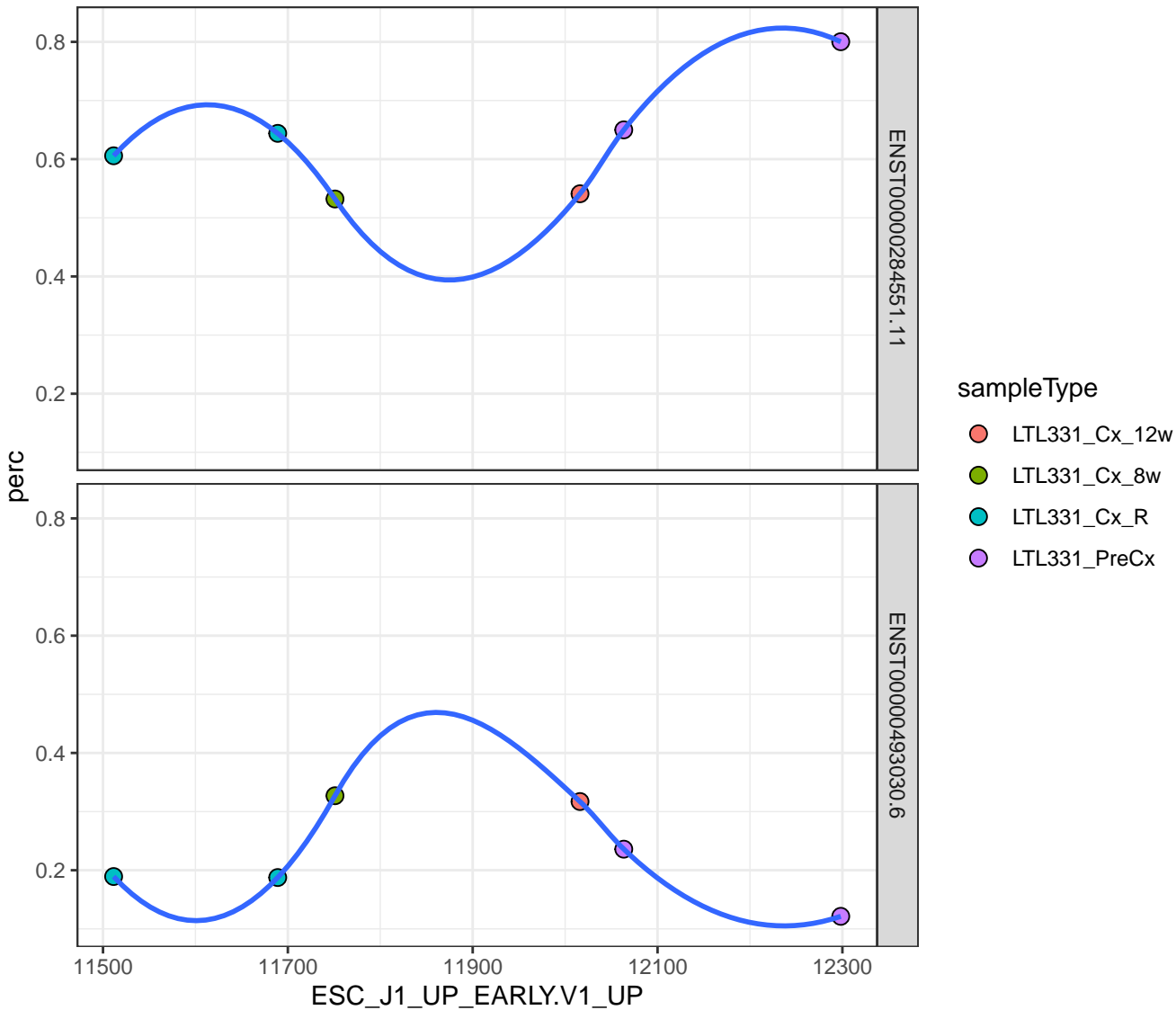
Target = ESC\_J1\_UP\_EARLY.V1\_UP

ENST00000284551.11 (up) = 0.443369561655824

ENST00000493030.6 (down) = -0.285716500607017

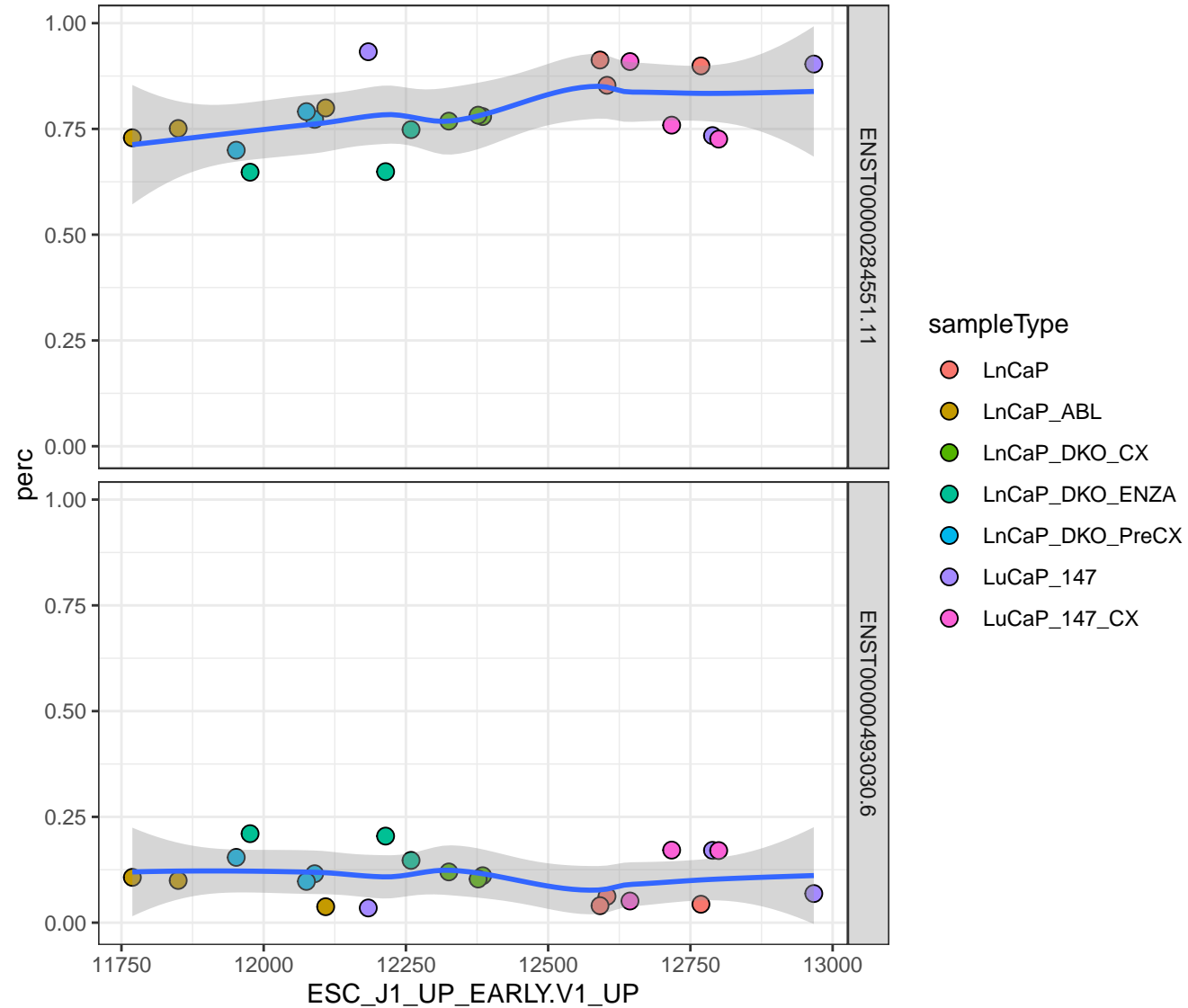


LTL\_longitudinal  
Gene = TRIM11  
Target = ESC\_J1\_UP\_EARLY.V1\_UP  
ENST00000284551.11 (up) = 0.580525424465923  
ENST00000493030.6 (down) = -0.18867695022104





PDX\_longitudinal  
Gene = TRIM11  
Target = ESC\_J1\_UP\_EARLY.V1\_UP  
ENST0000028451.11 (up) = 0.469641363135005  
ENST00000493030.6 (down) = -0.144873933497829



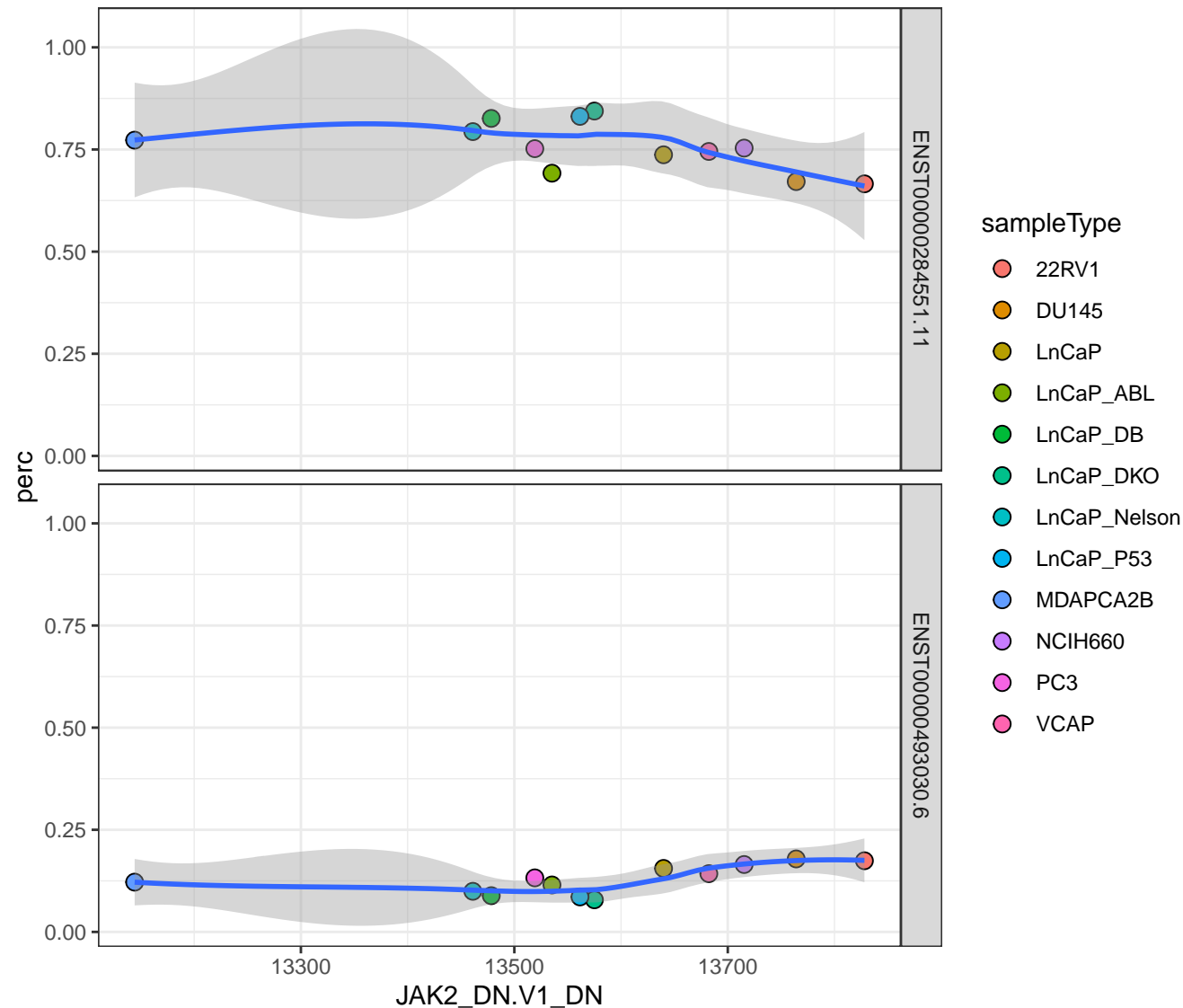
CellLine

Gene = TRIM11

Target = JAK2\_DN.V1\_DN

ENST00000493030.6 (up) = 0.581208592743051

ENST00000284551.11 (down) = -0.493604043853299



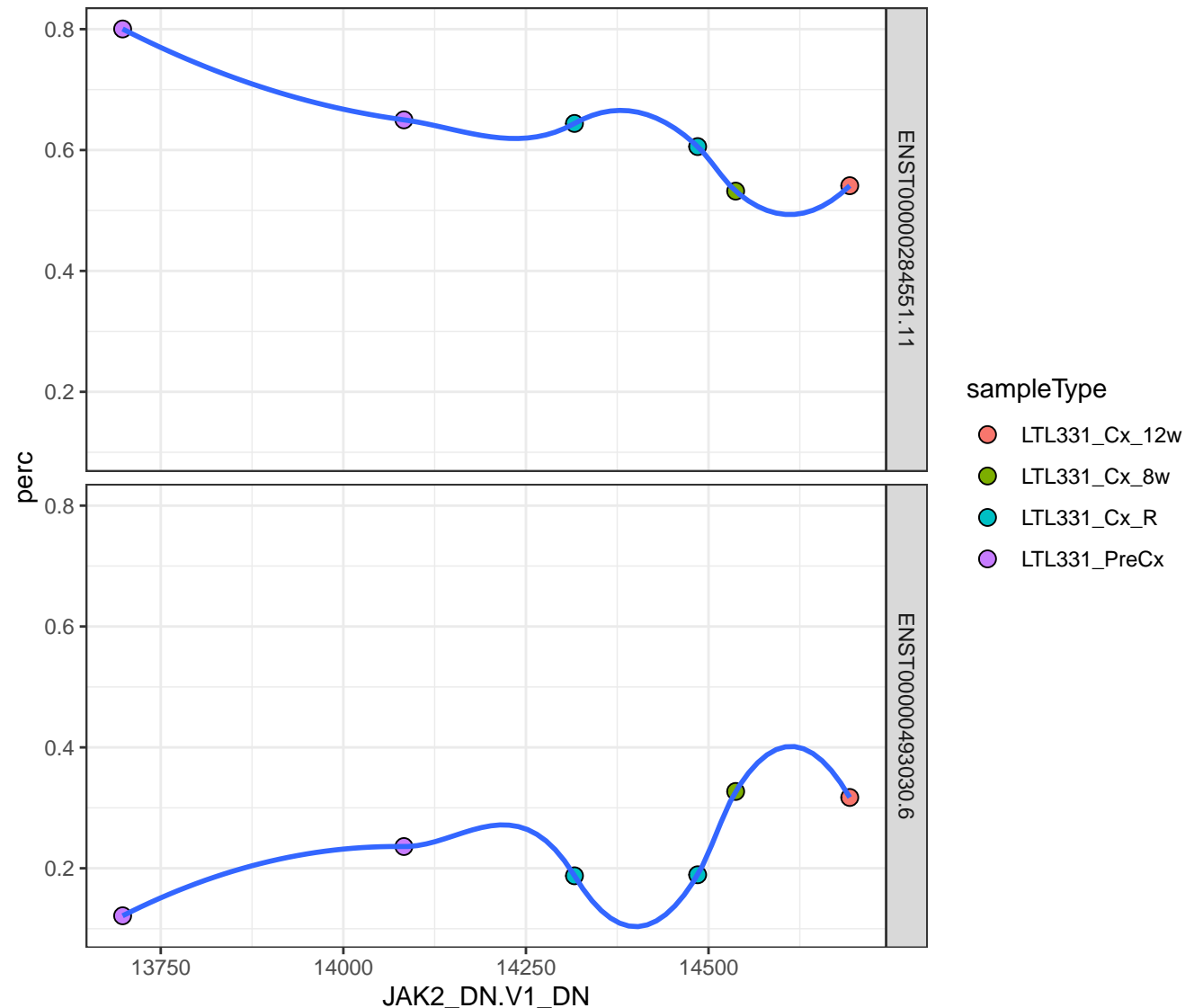
LTL\_longitudinal

Gene = TRIM11

Target = JAK2\_DN.V1\_DN

ENST00000493030.6 (up) = 0.777863519749607

ENST00000284551.11 (down) = -0.958081534891089



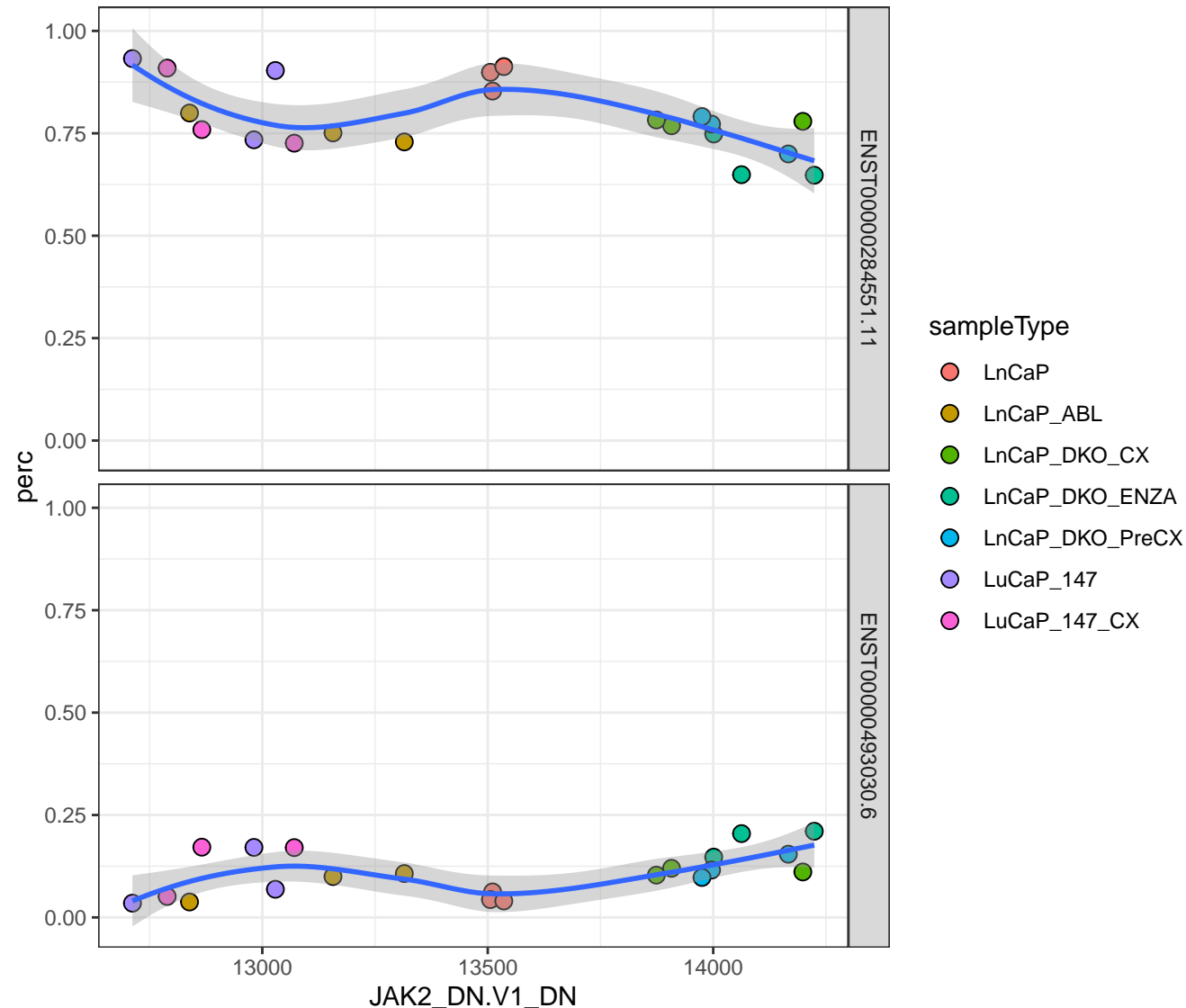
PDX\_longitudinal

Gene = TRIM11

Target = JAK2\_DN.V1\_DN

ENST00000493030.6 (up) = 0.41836162384893

ENST00000284551.11 (down) = -0.493209334712059



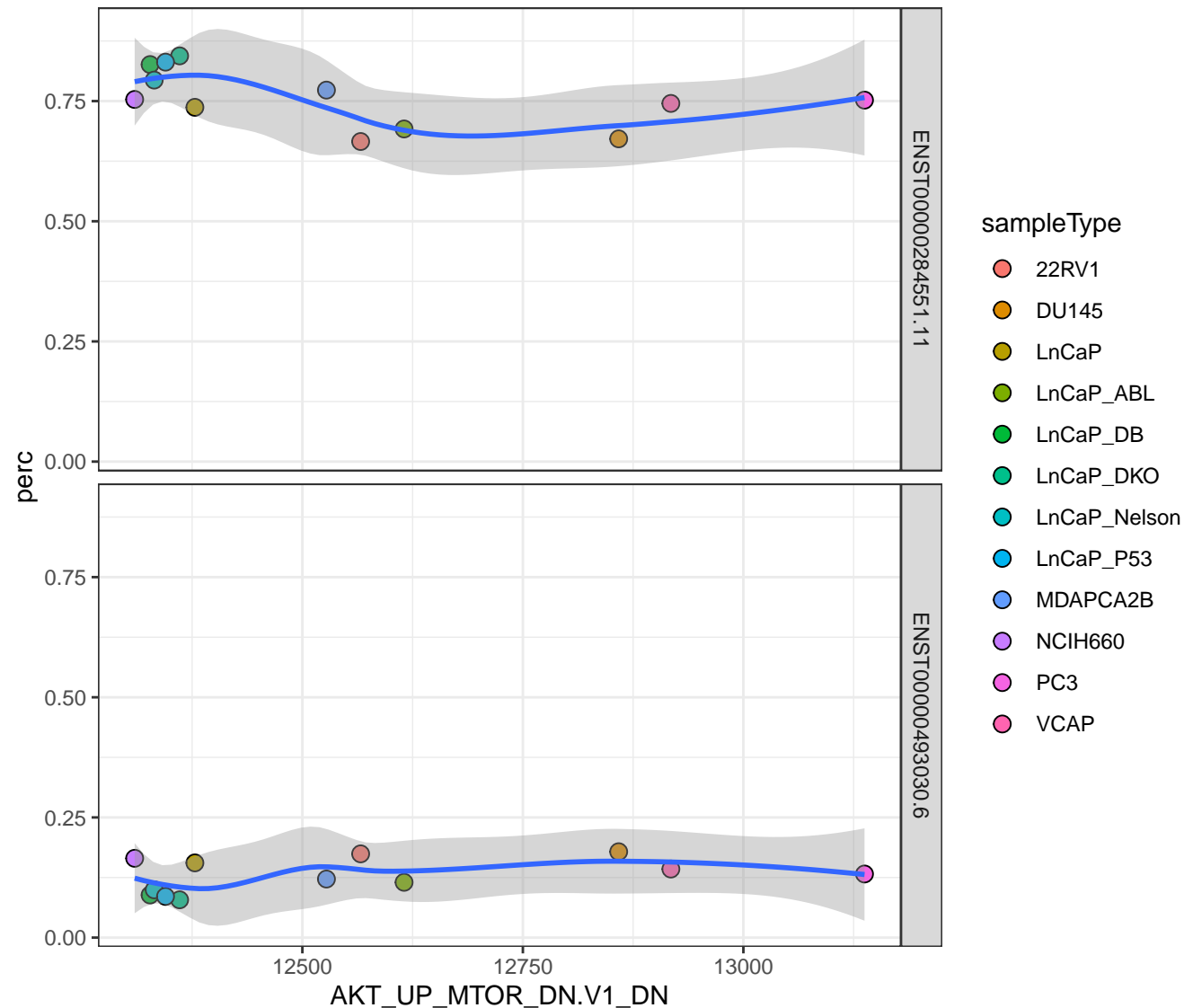
CellLine

Gene = TRIM11

Target = AKT\_UP\_MTOR\_DN.V1\_DN

ENST00000284551.11 (up) = -0.494188059668463

ENST00000493030.6 (down) = 0.397996420303284



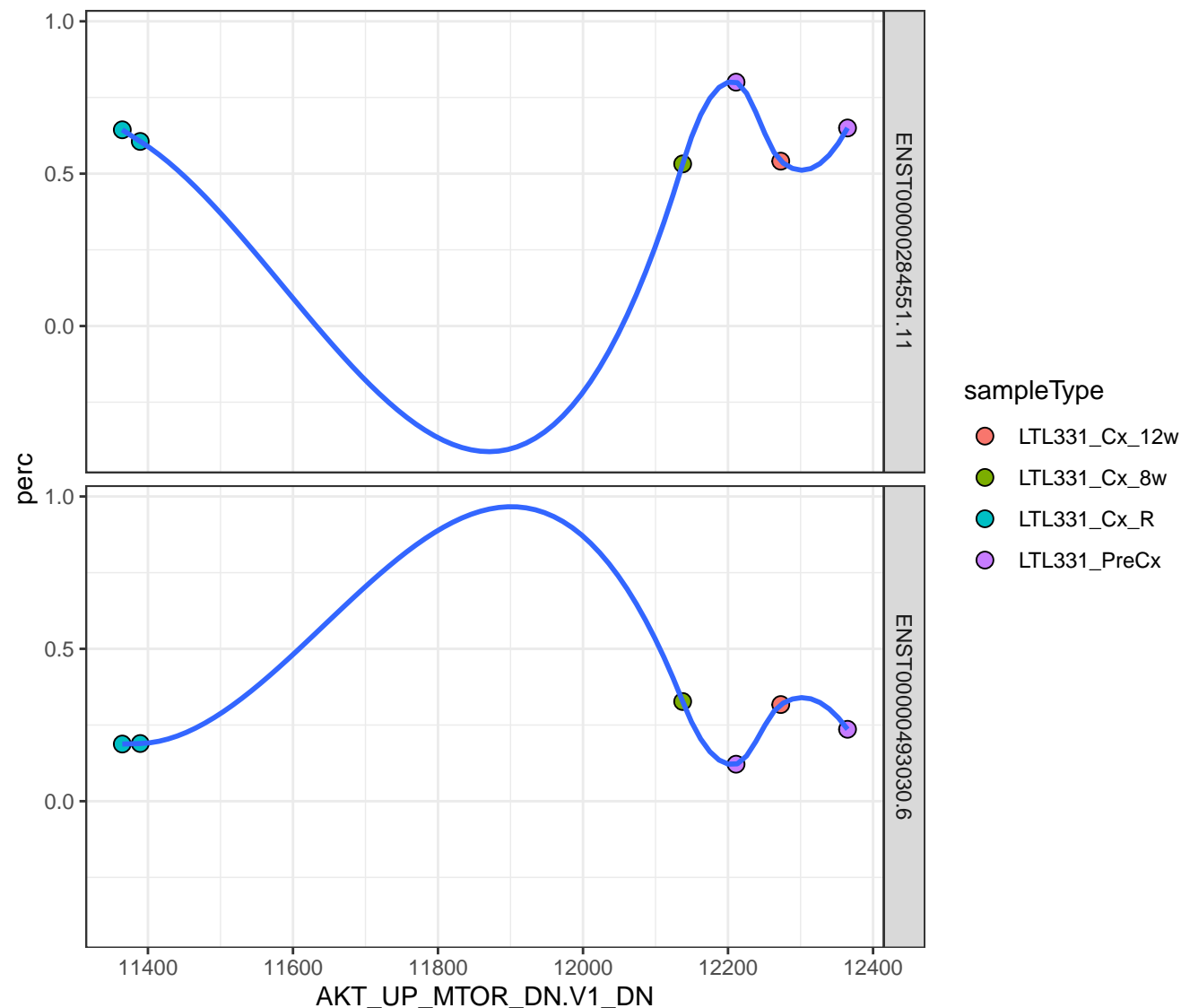
LTL\_longitudinal

Gene = TRIM11

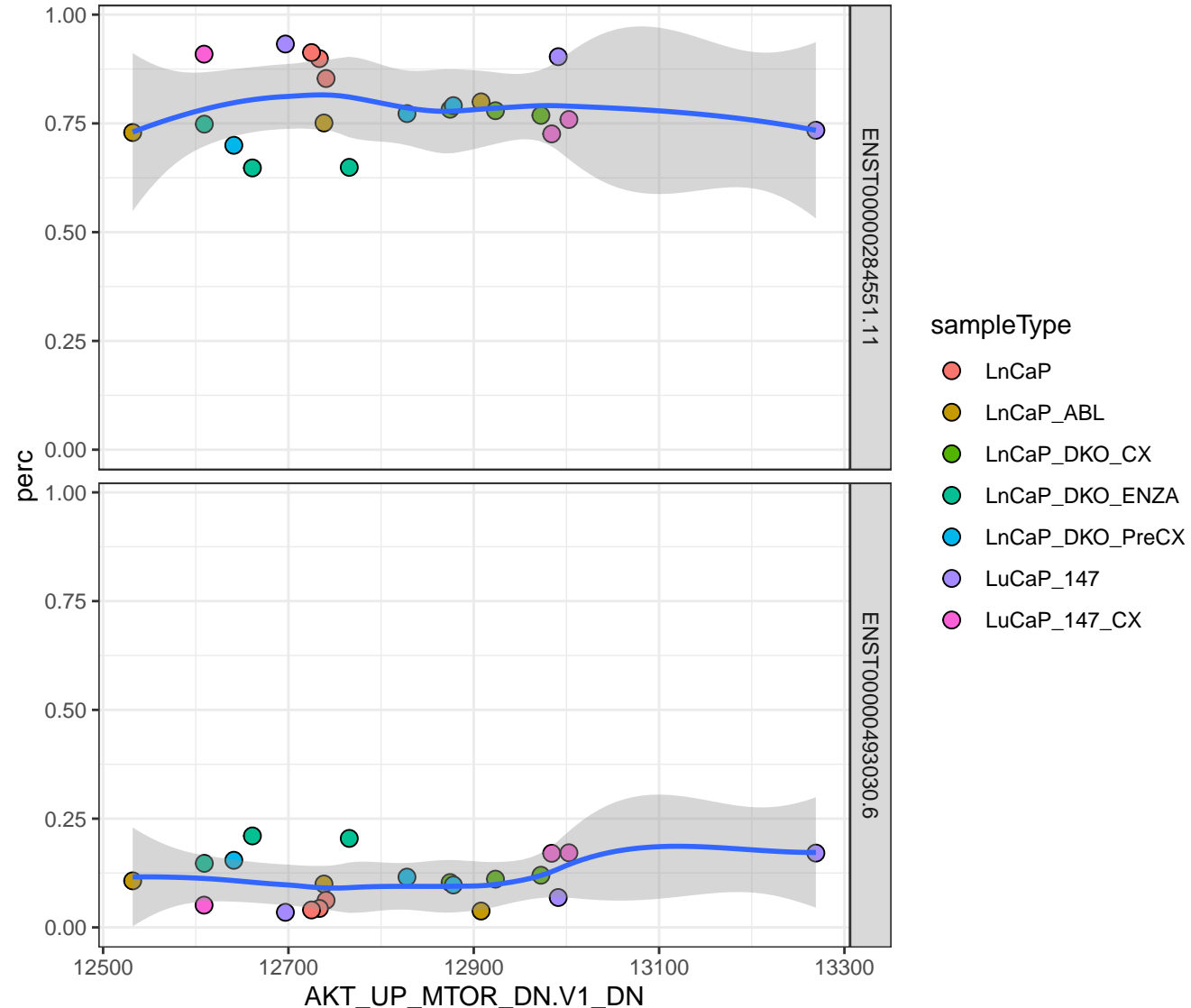
Target = AKT\_UP\_MTOR\_DN.V1\_DN

ENST00000284551.11 (up) = 0.0499376509628666

ENST00000493030.6 (down) = 0.372329294556795



PDX\_longitudinal  
 Gene = TRIM11  
 Target = AKT\_UP\_MTOR\_DN.V1\_DN  
 ENST0000028451.11 (up) =  $-0.0642730858998874$   
 ENST00000493030.6 (down) =  $0.197405555921138$



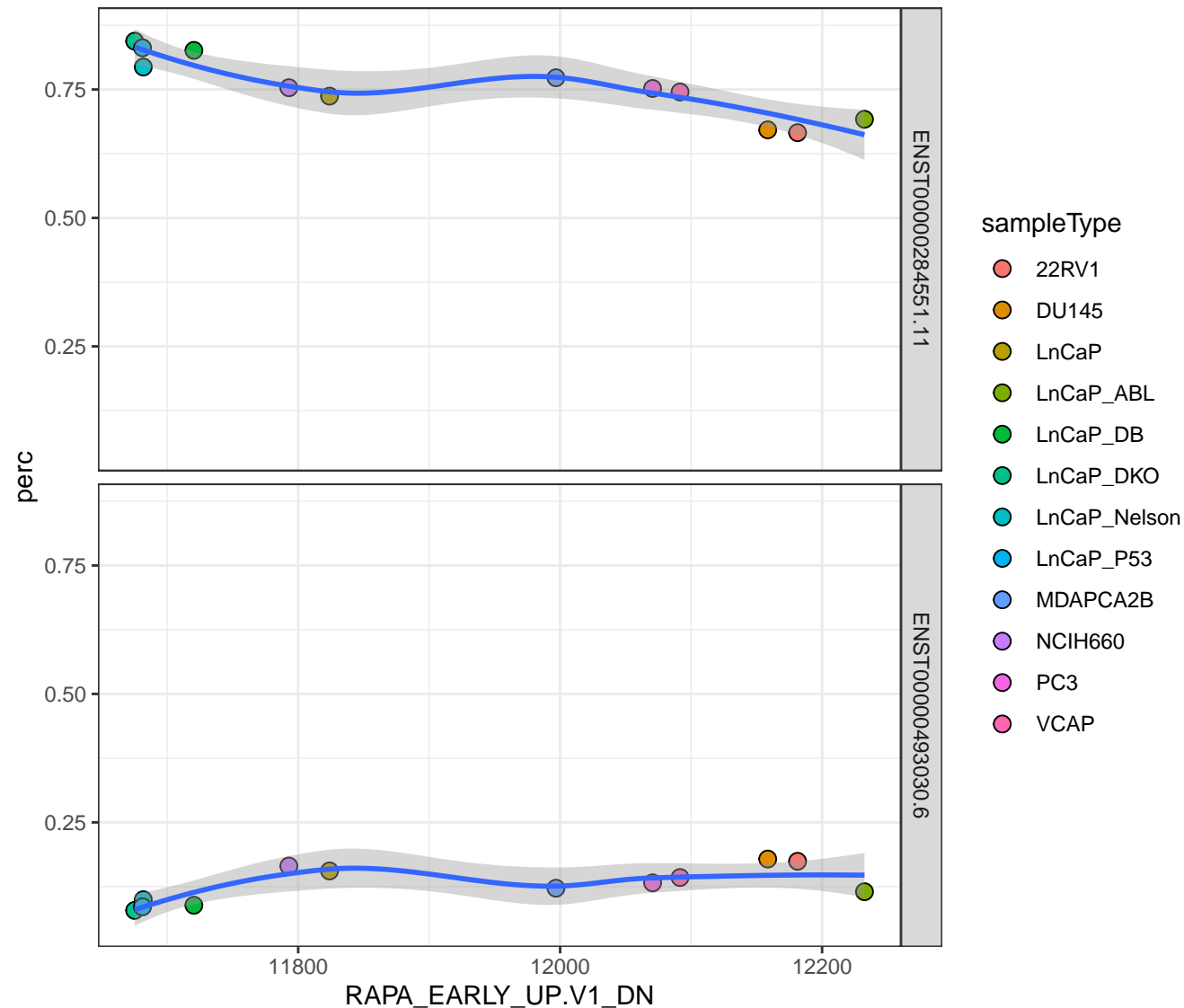
CellLine

Gene = TRIM11

Target = RAPA\_EARLY\_UP.V1\_DN

ENST00000284551.11 (up) = -0.870561889786828

ENST00000493030.6 (down) = 0.616518496457713





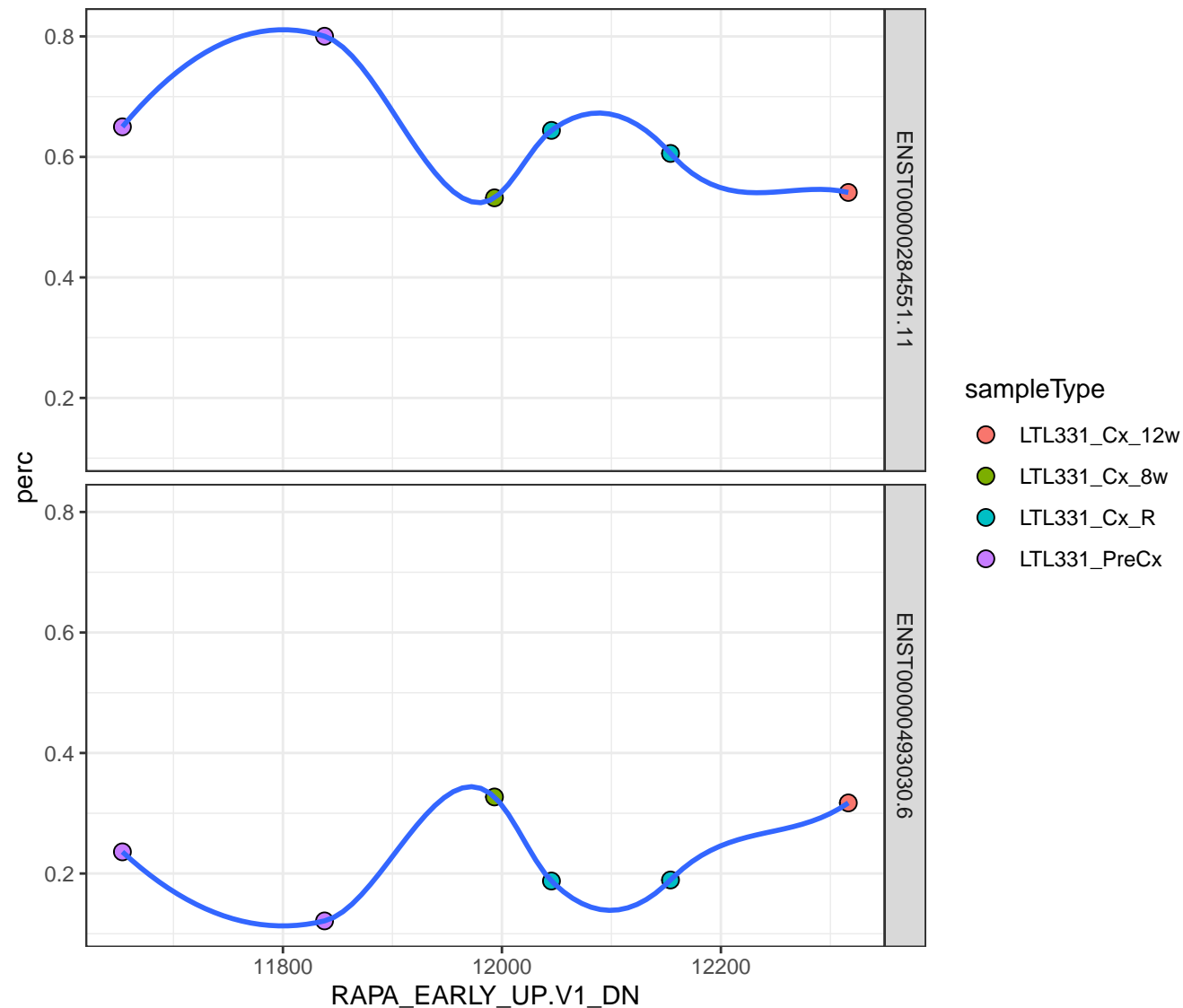
LTL\_longitudinal

Gene = TRIM11

Target = RAPA\_EARLY\_UP.V1\_DN

ENST00000284551.11 (up) = -0.571210572213306

ENST00000493030.6 (down) = 0.365197144638997



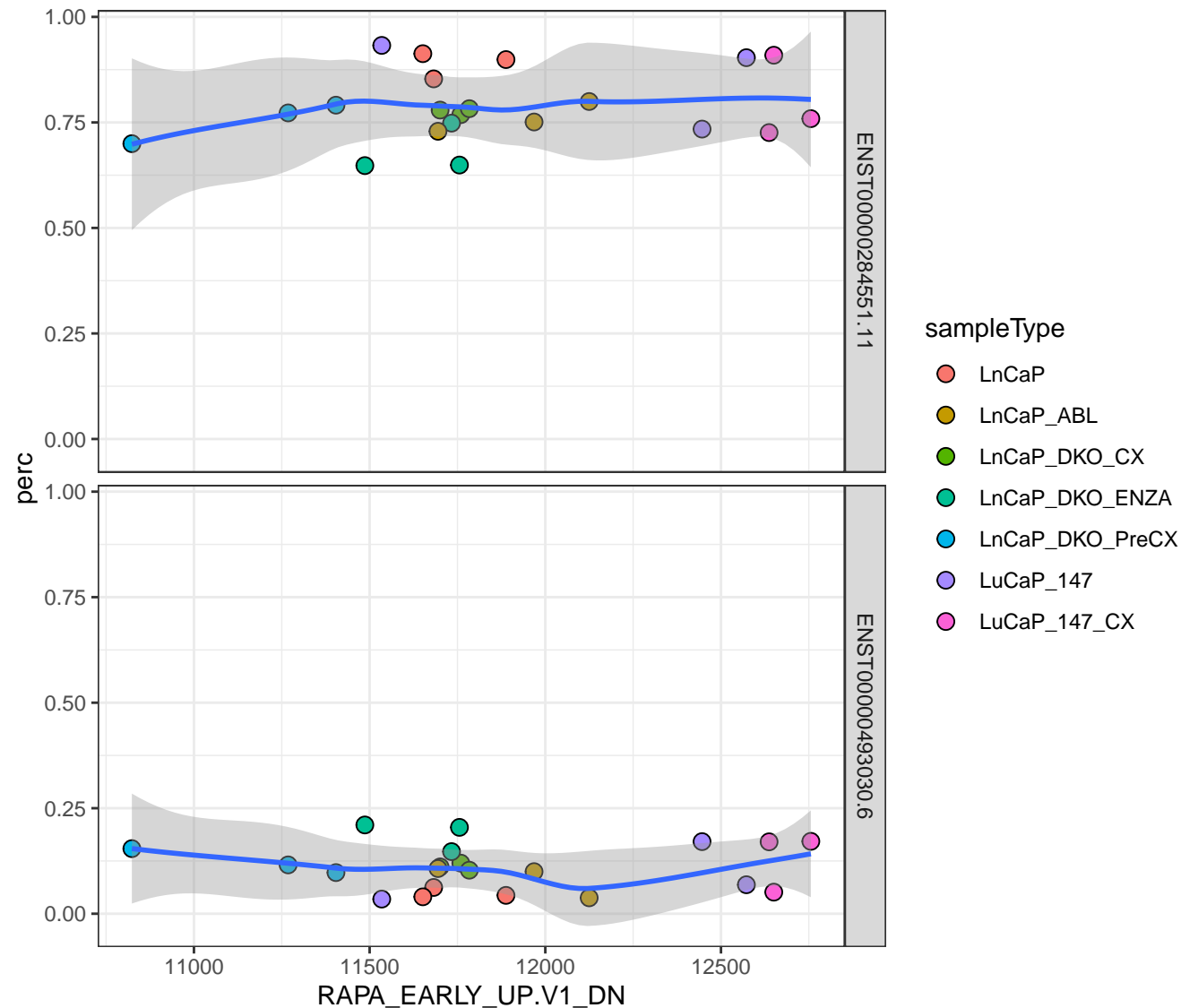
PDX\_longitudinal

Gene = TRIM11

Target = RAPA\_EARLY\_UP.V1\_DN

ENST00000284551.11 (up) = 0.206590200796484

ENST00000493030.6 (down) = -0.0156342800035312



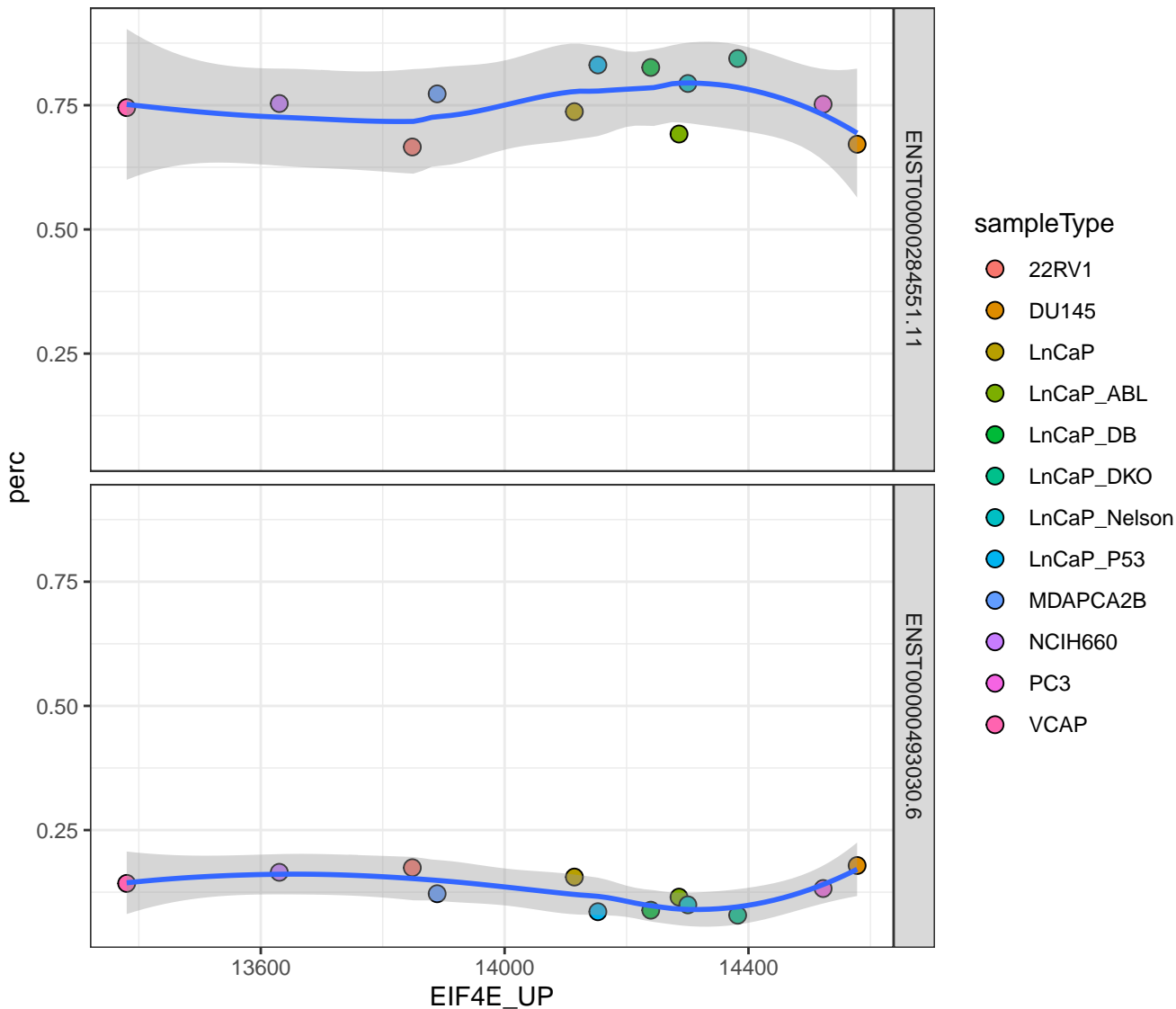
CellLine

Gene = TRIM11

Target = EIF4E\_UP

ENST00000284551.11 (up) = 0.0830706649400756

ENST00000493030.6 (down) = -0.295891579793287



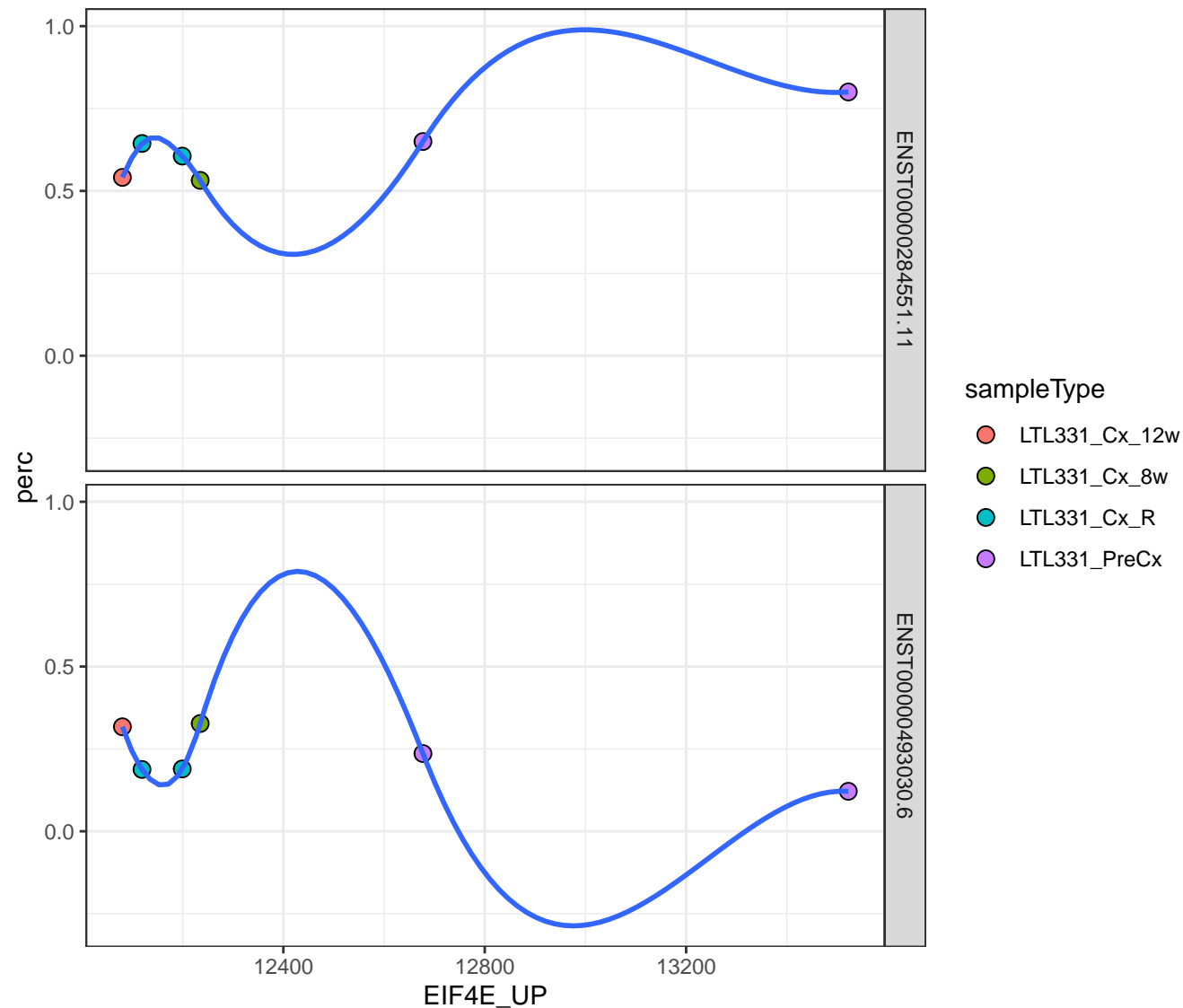
LTL\_longitudinal

Gene = TRIM11

Target = EIF4E\_UP

ENST00000284551.11 (up) = 0.891681177998717

ENST00000493030.6 (down) = -0.642366807579959



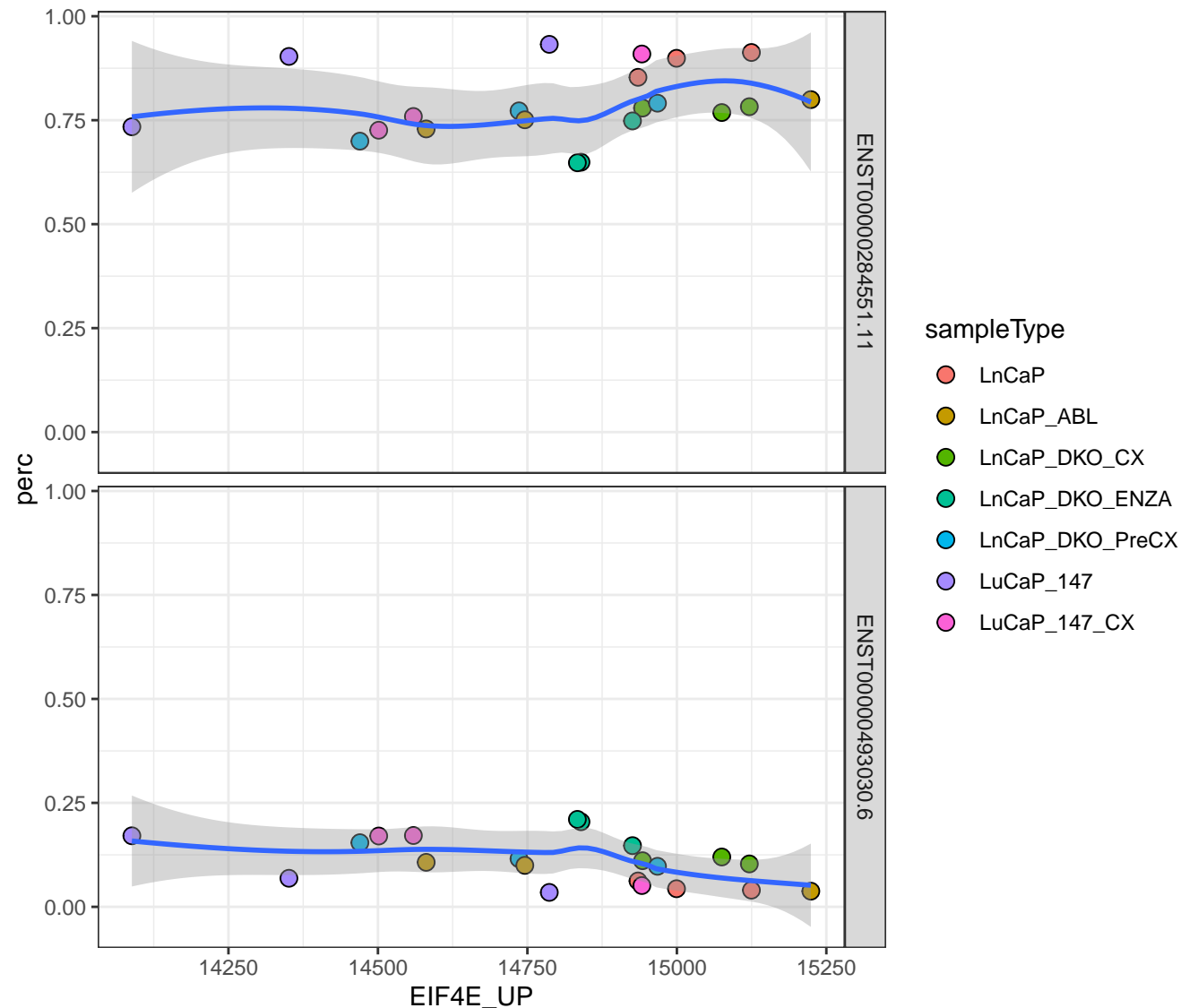
PDX\_longitudinal

Gene = TRIM11

Target = EIF4E\_UP

ENST00000284551.11 (up) = 0.260516463599295

ENST00000493030.6 (down) = -0.446445702301439



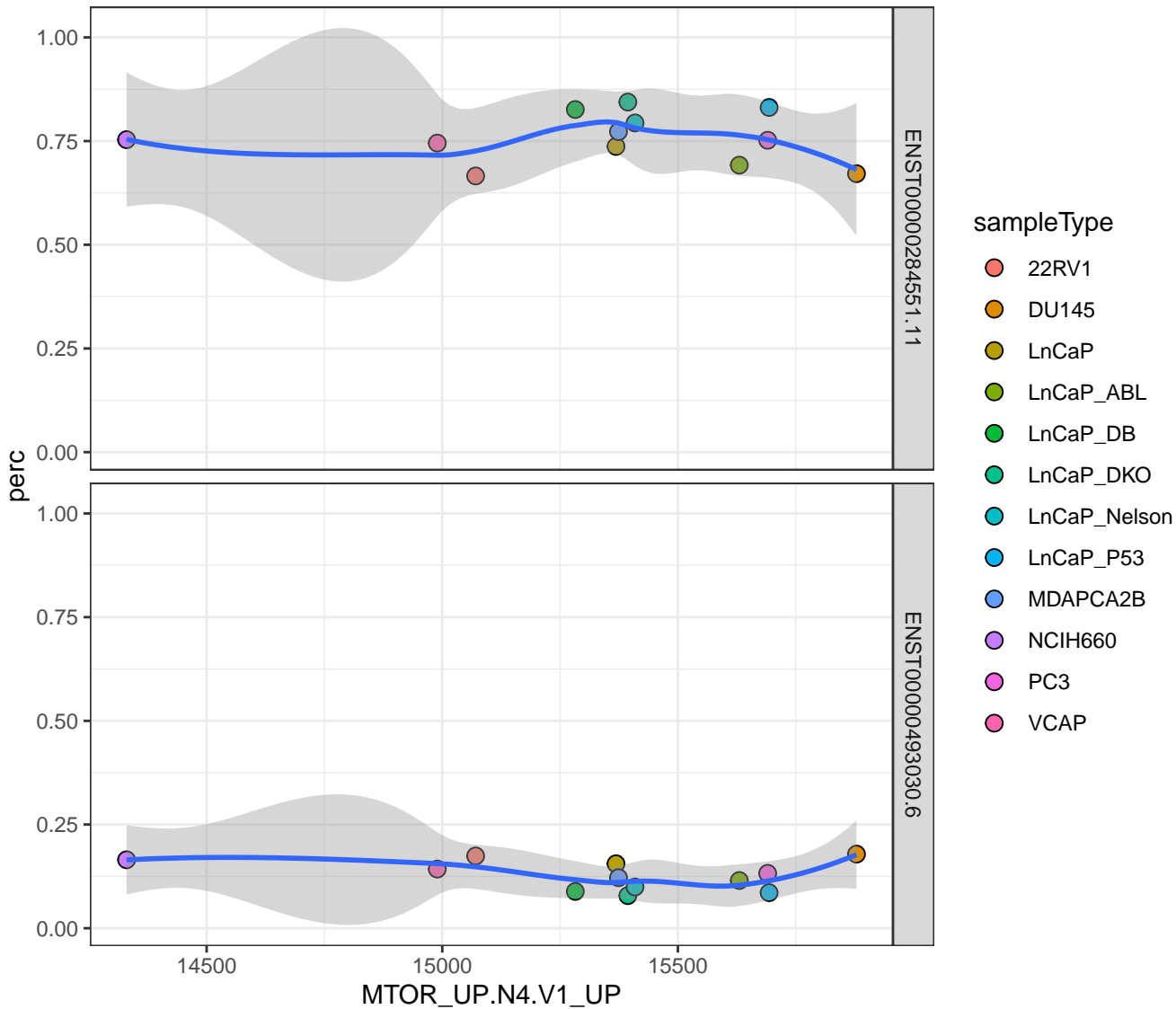
CellLine

Gene = TRIM11

Target = MTOR\_UP.N4.V1\_UP

ENST00000284551.11 (up) =  $-0.0187074087952616$

ENST00000493030.6 (down) =  $-0.291344680912597$



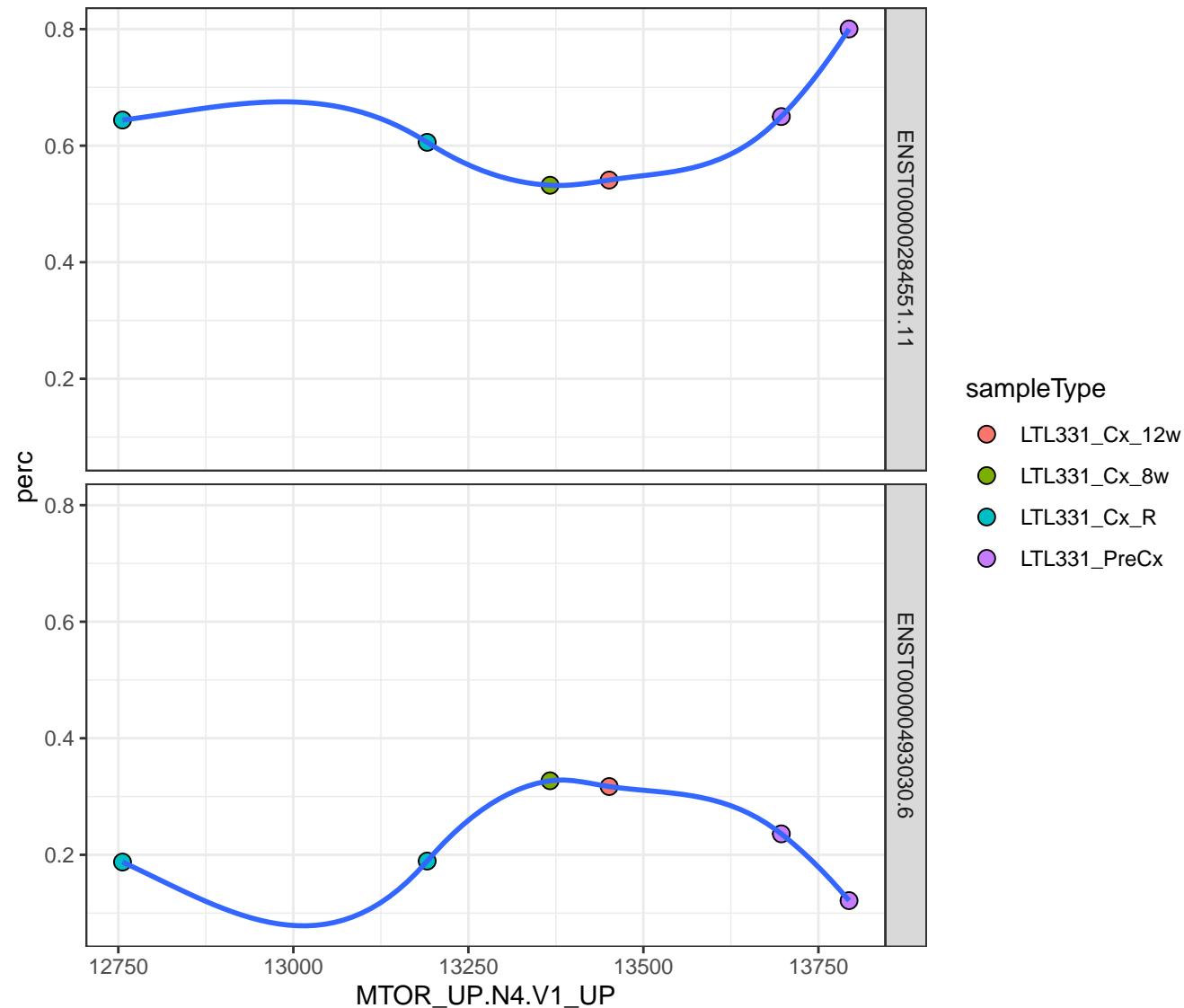
LTL\_longitudinal

Gene = TRIM11

Target = MTOR\_UP.N4.V1\_UP

ENST00000284551.11 (up) = 0.369391311782161

ENST00000493030.6 (down) = -0.0264409391490633



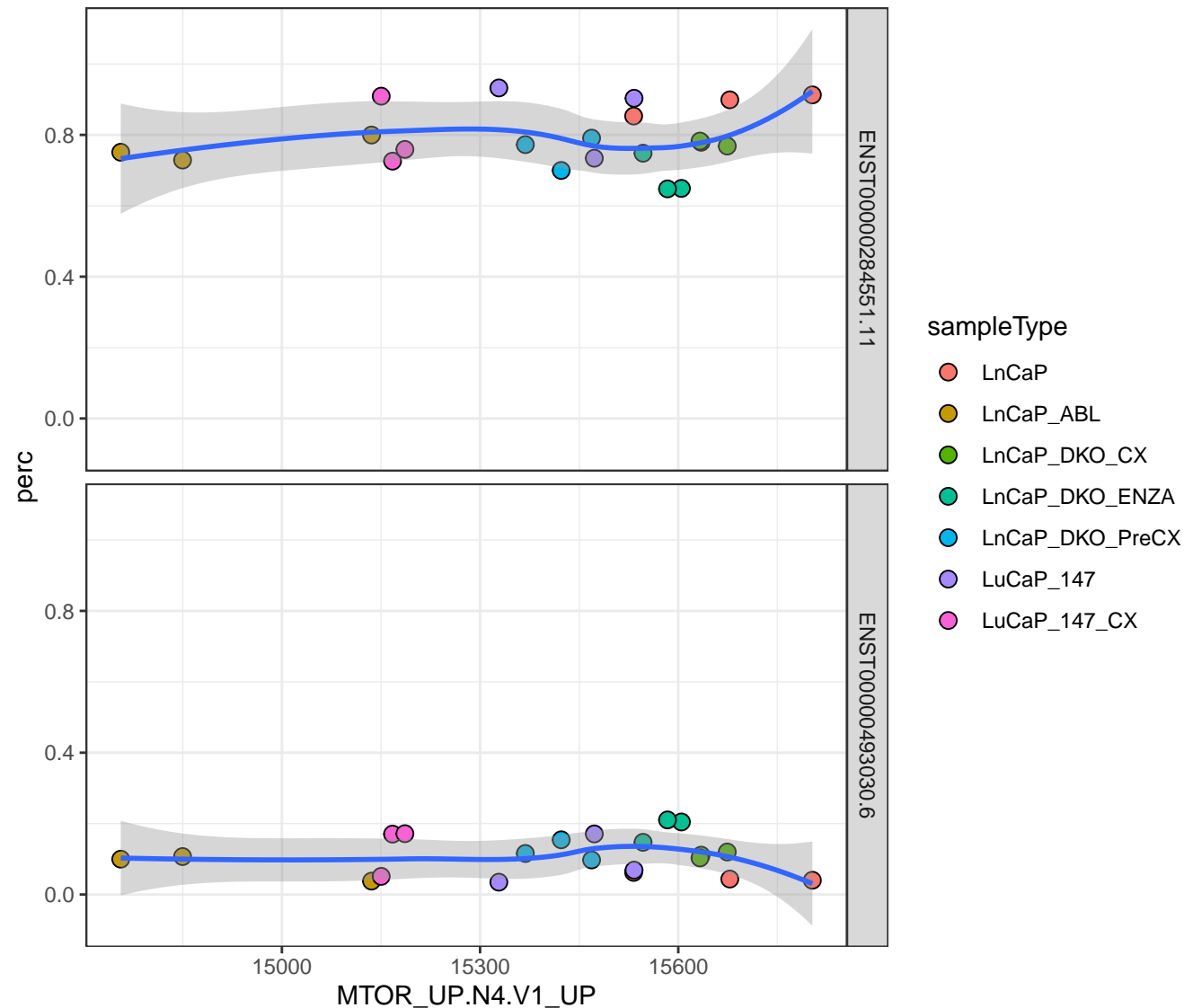
PDX\_longitudinal

Gene = TRIM11

Target = MTOR\_UP.N4.V1\_UP

ENST00000284551.11 (up) = 0.138192050871787

ENST00000493030.6 (down) = 0.0350782206424059





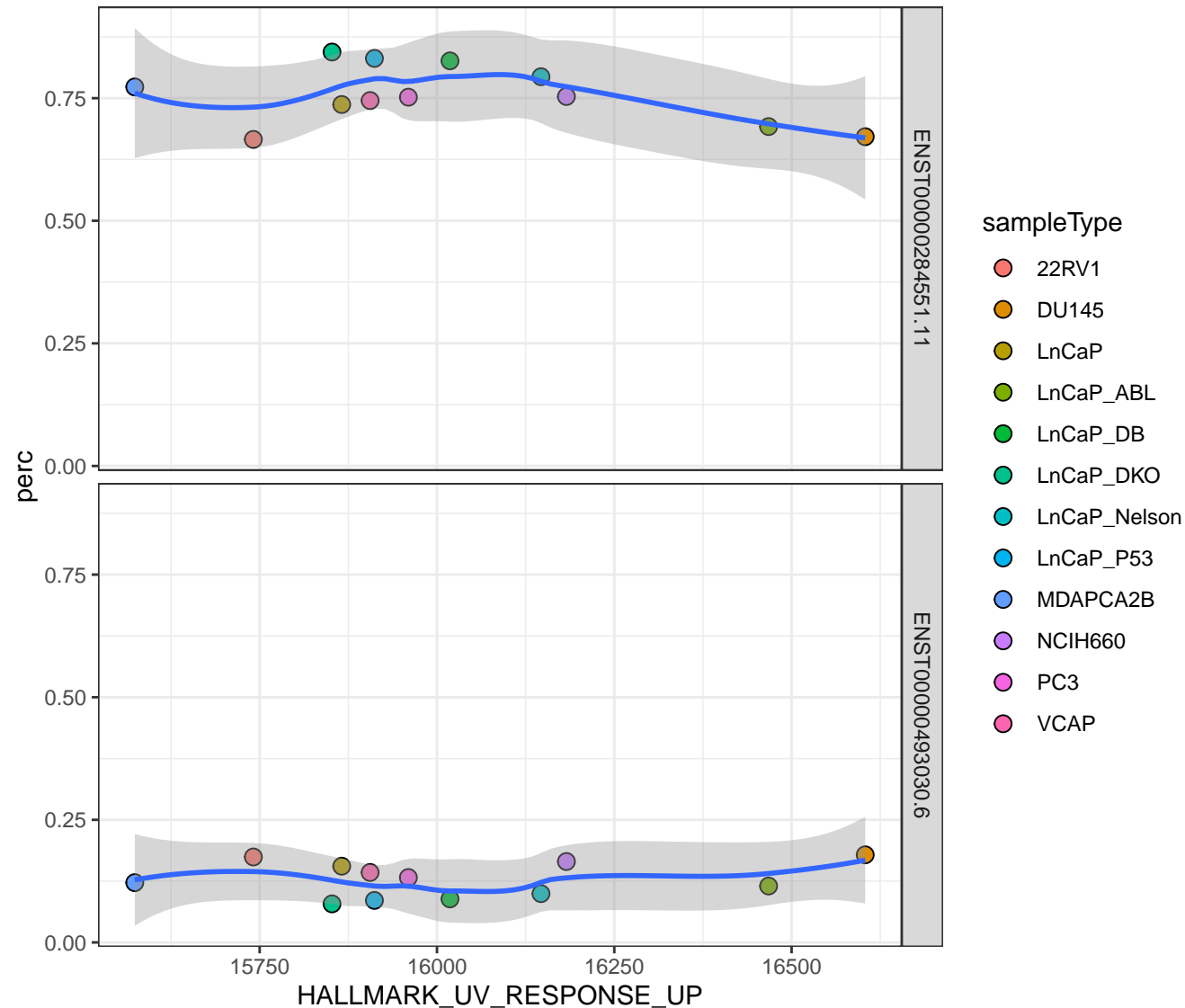
CellLine

Gene = TRIM11

Target = HALLMARK\_UV\_RESPONSE\_UP

ENST0000028451.11 (up) =  $-0.385671642870278$

ENST00000493030.6 (down) =  $0.199389598175673$



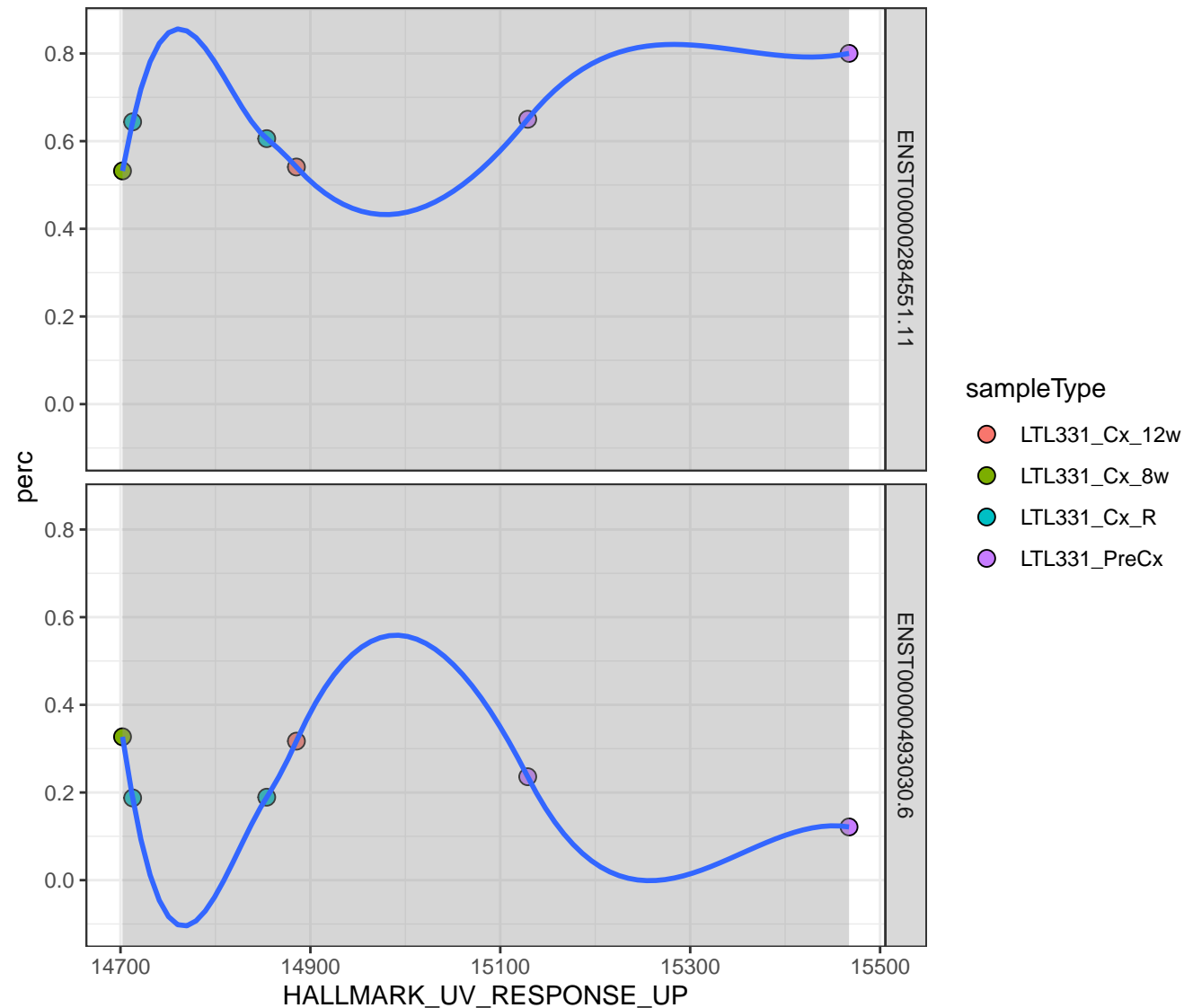
LTL\_longitudinal

Gene = TRIM11

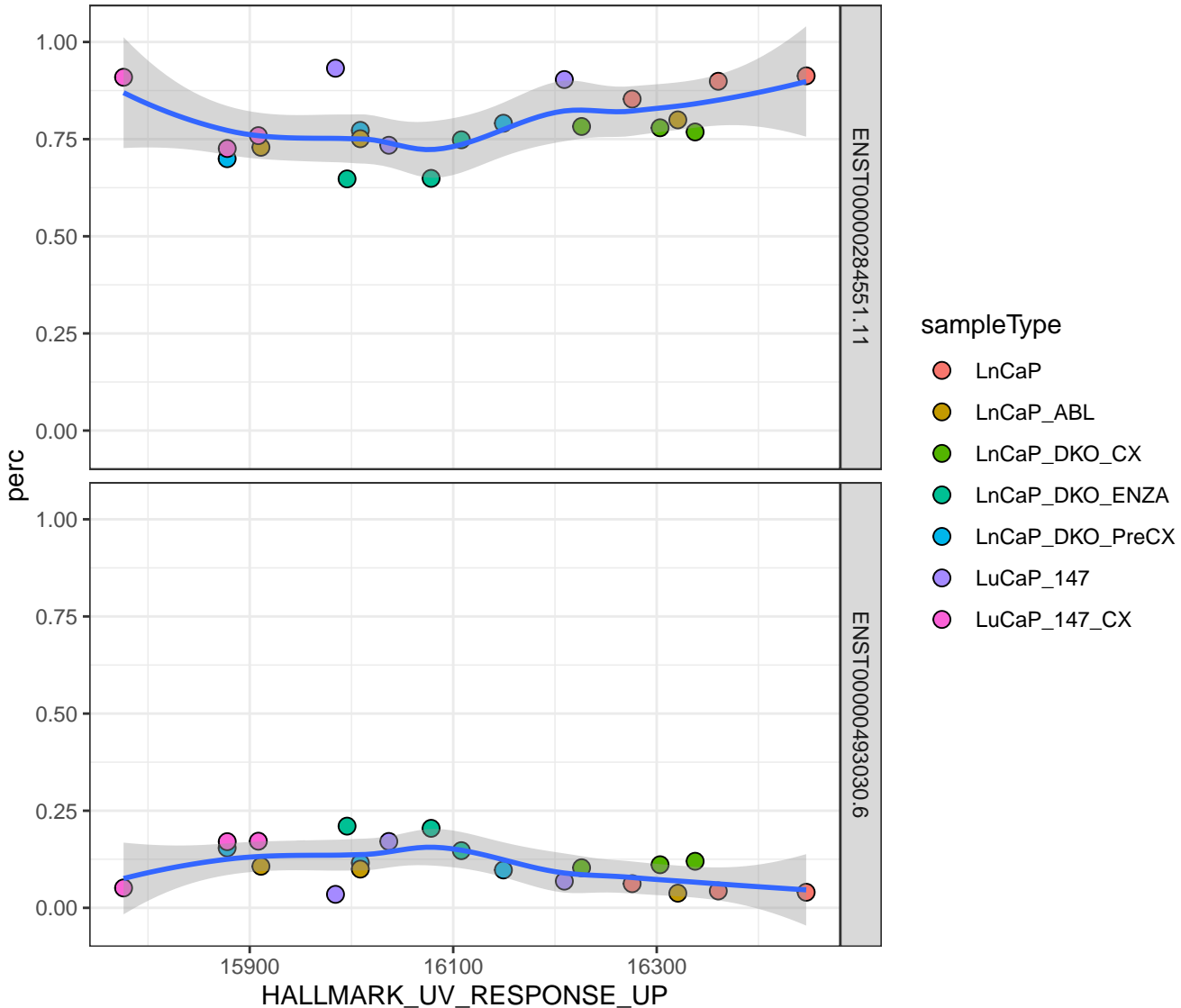
Target = HALLMARK\_UV\_RESPONSE\_UP

ENST00000284551.11 (up) = 0.843085208226005

ENST00000493030.6 (down) = -0.60074876393433



PDX\_longitudinal  
Gene = TRIM11  
Target = HALLMARK\_UV\_RESPONSE\_UP  
ENST00000284551.11 (up) = 0.348591548707166  
ENST00000493030.6 (down) = -0.436706843337271



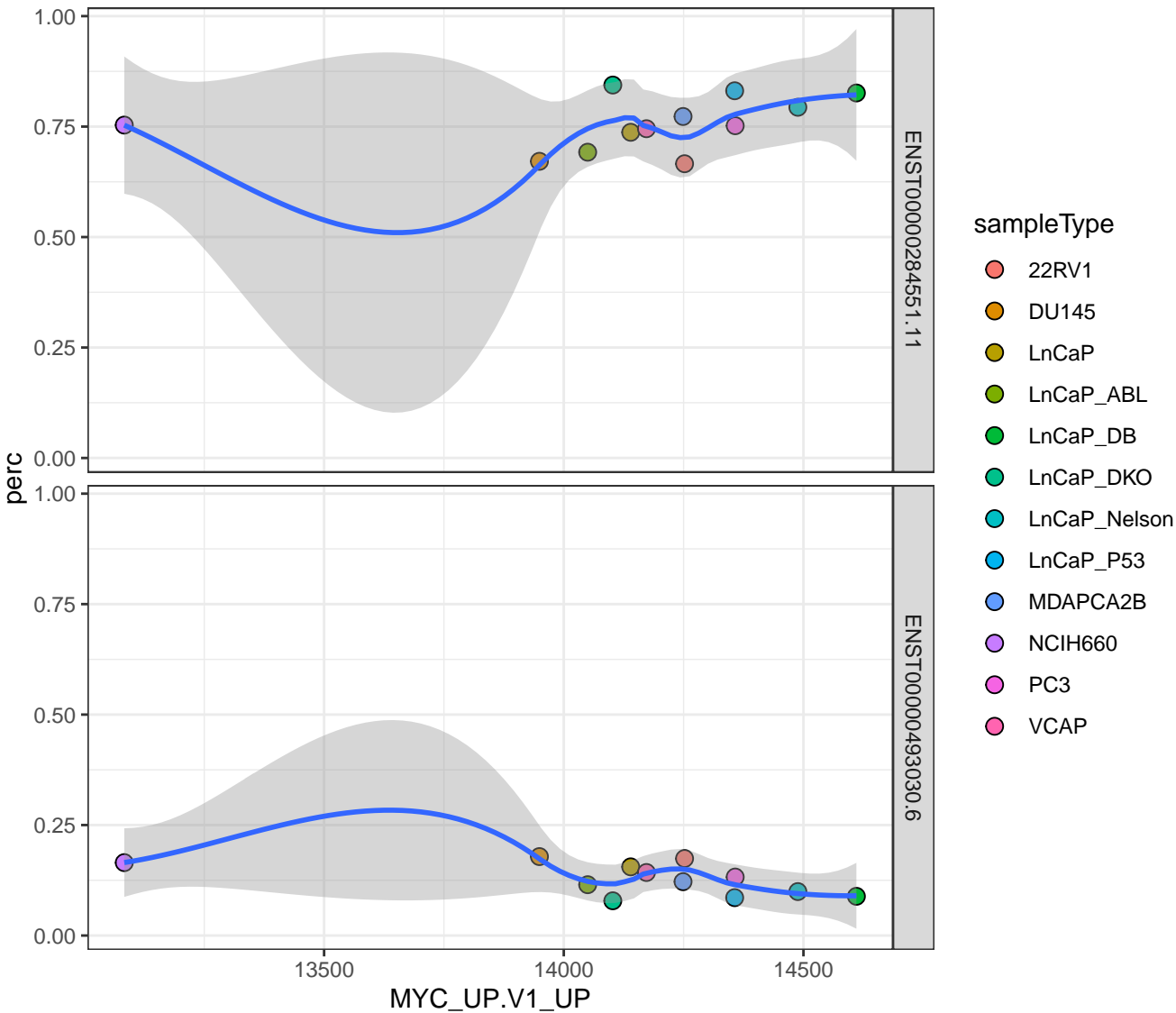
CellLine

Gene = TRIM11

Target = MYC\_UP.V1\_UP

ENST00000284551.11 (up) = 0.291156520742859

ENST00000493030.6 (down) = -0.516136417783064



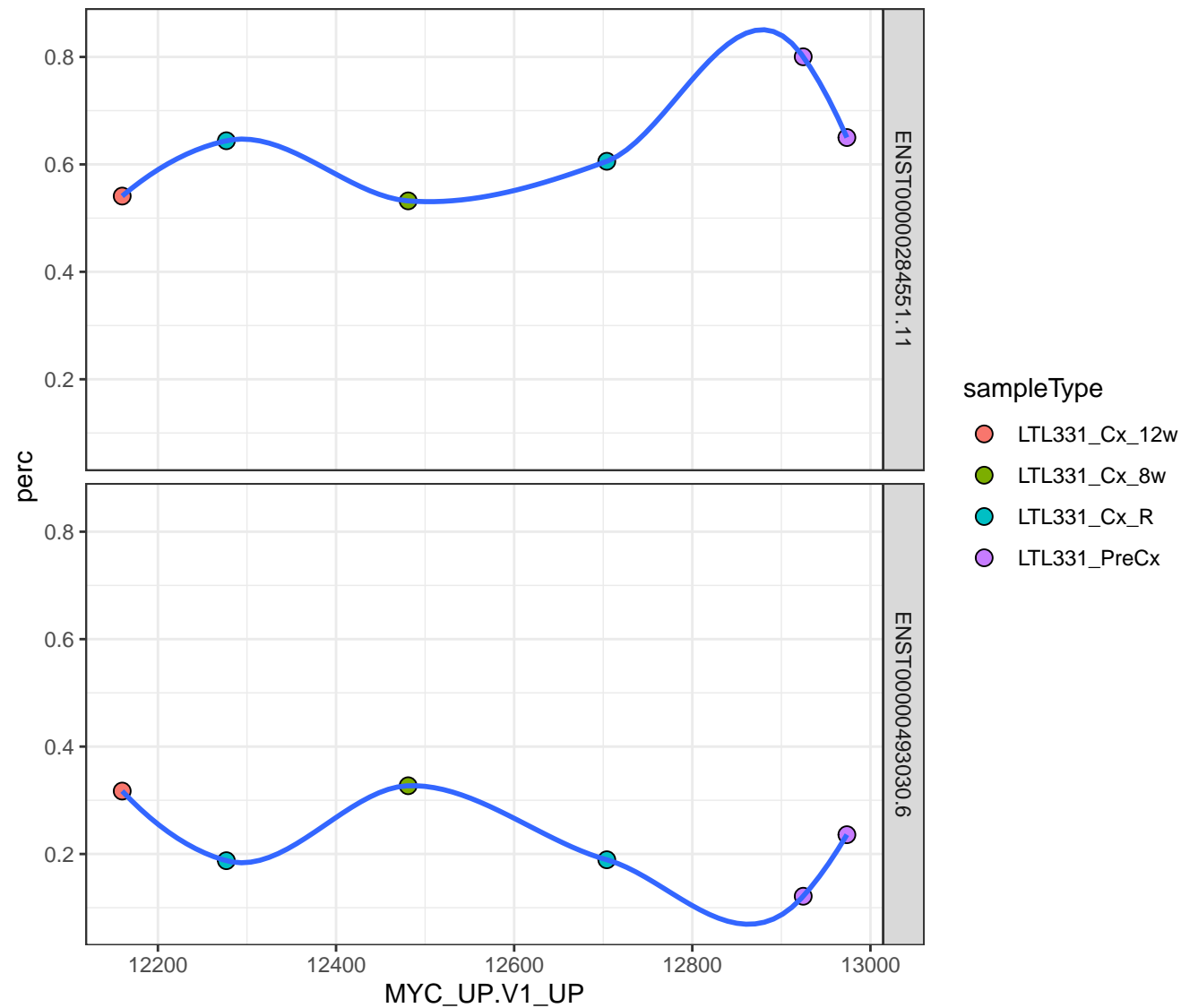
LTL\_longitudinal

Gene = TRIM11

Target = MYC\_UP.V1\_UP

ENST00000284551.11 (up) = 0.647142279121044

ENST00000493030.6 (down) = -0.542928559096498



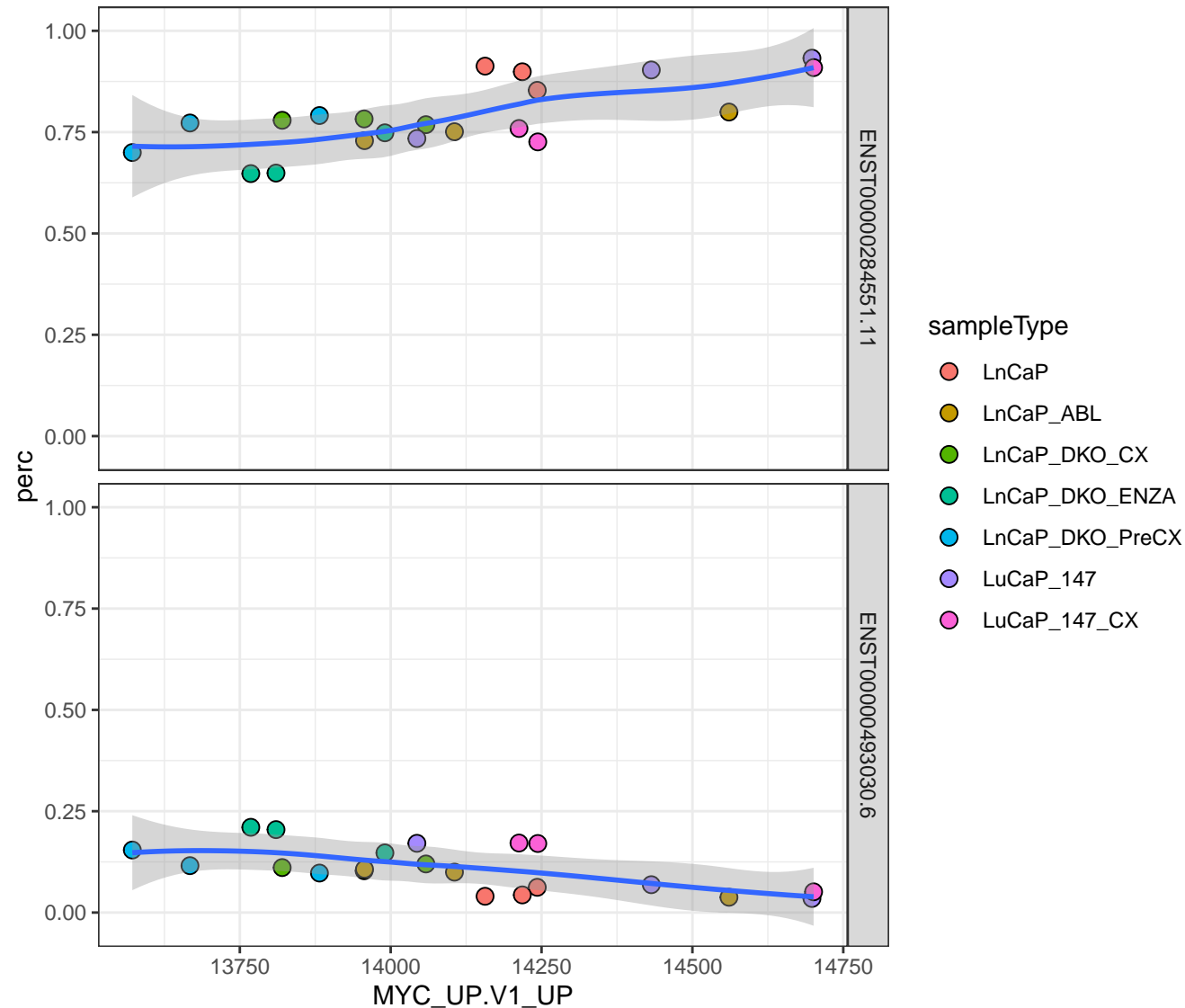
PDX\_longitudinal

Gene = TRIM11

Target = MYC\_UP.V1\_UP

ENST00000284551.11 (up) = 0.718051576803842

ENST00000493030.6 (down) = -0.636917809156402



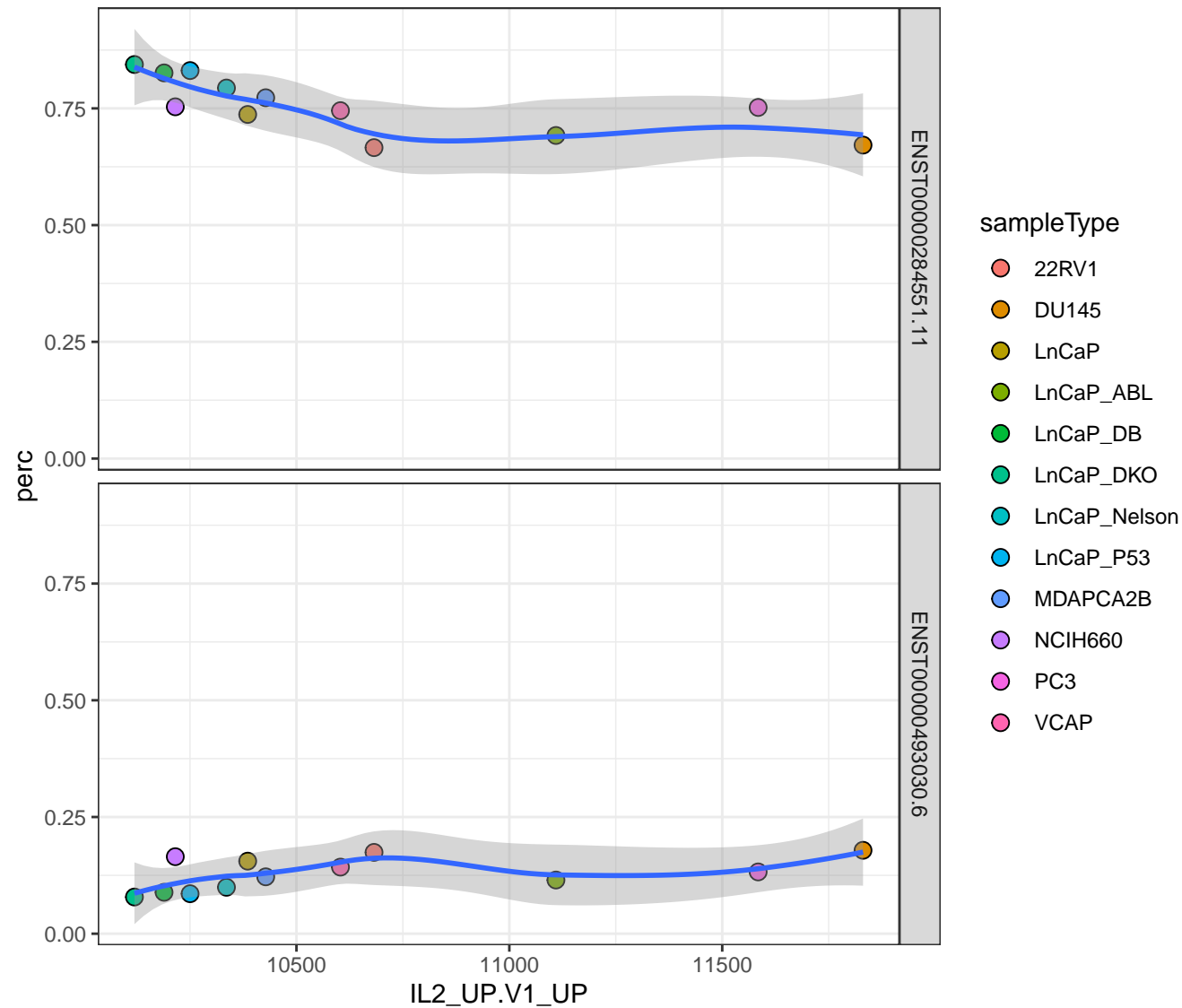
CellLine

Gene = TRIM11

Target = IL2\_UP.V1\_UP

ENST00000284551.11 (up) =  $-0.675624170490775$

ENST00000493030.6 (down) =  $0.482738578178666$



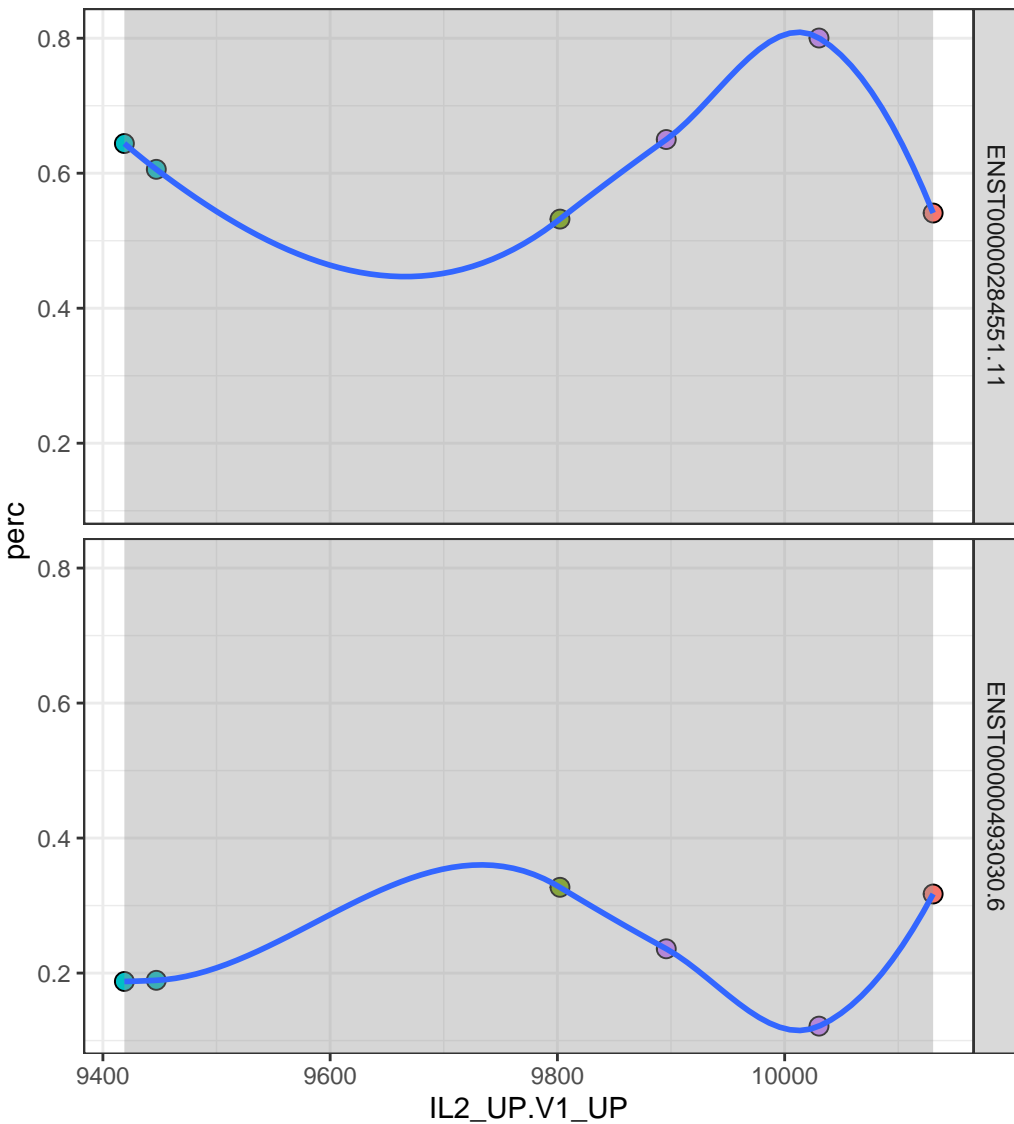
LTL\_longitudinal

Gene = TRIM11

Target = IL2\_UP.V1\_UP

ENST00000284551.11 (up) = 0.100797215841367

ENST00000493030.6 (down) = 0.29454969961927



sampleType

- LTL331\_Cx\_12w
- LTL331\_Cx\_8w
- LTL331\_Cx\_R
- LTL331\_PreCx



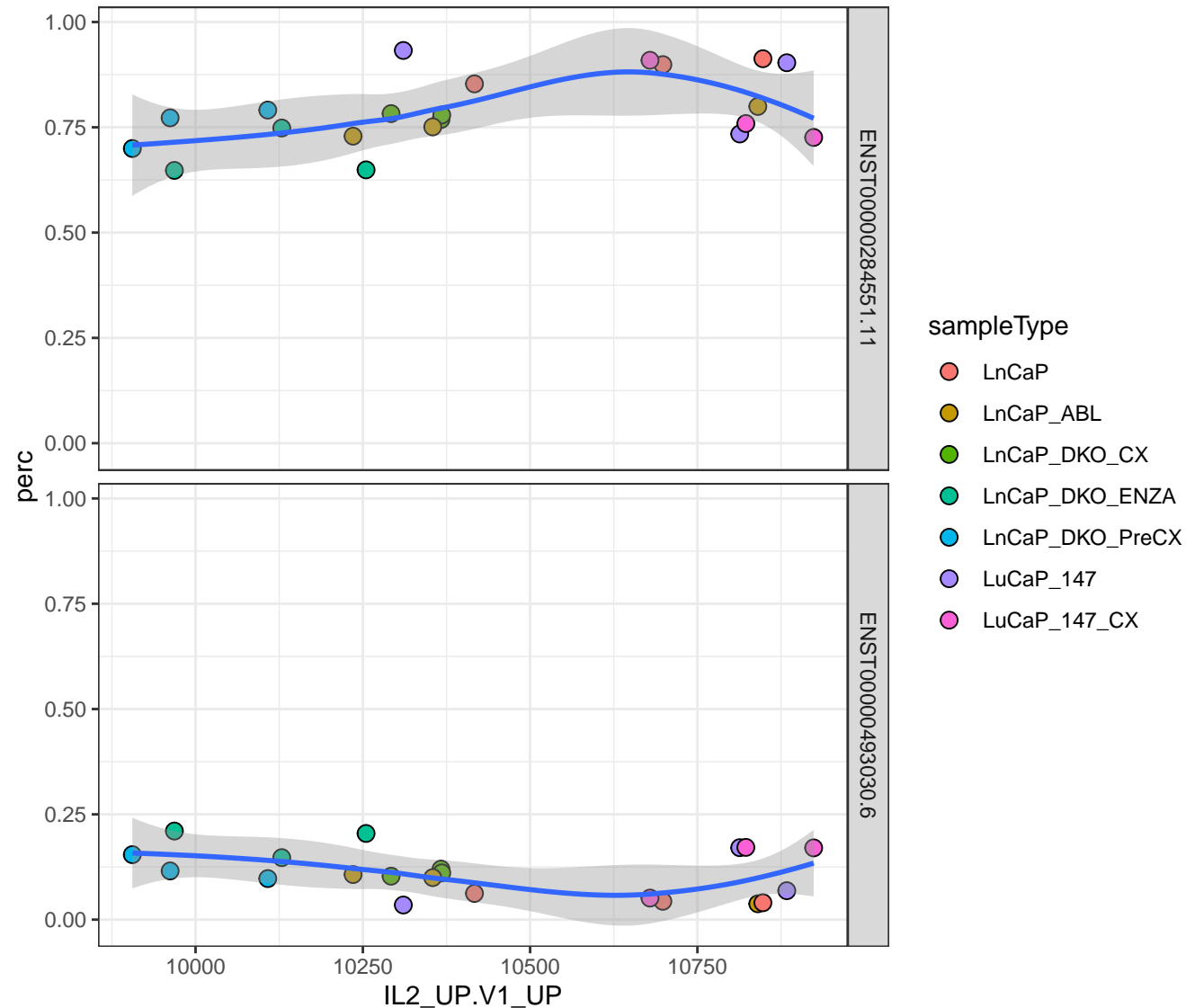
PDX\_longitudinal

Gene = TRIM11

Target = IL2\_UP.V1\_UP

ENST00000284551.11 (up) = 0.45769337493359

ENST00000493030.6 (down) = -0.316406339363148



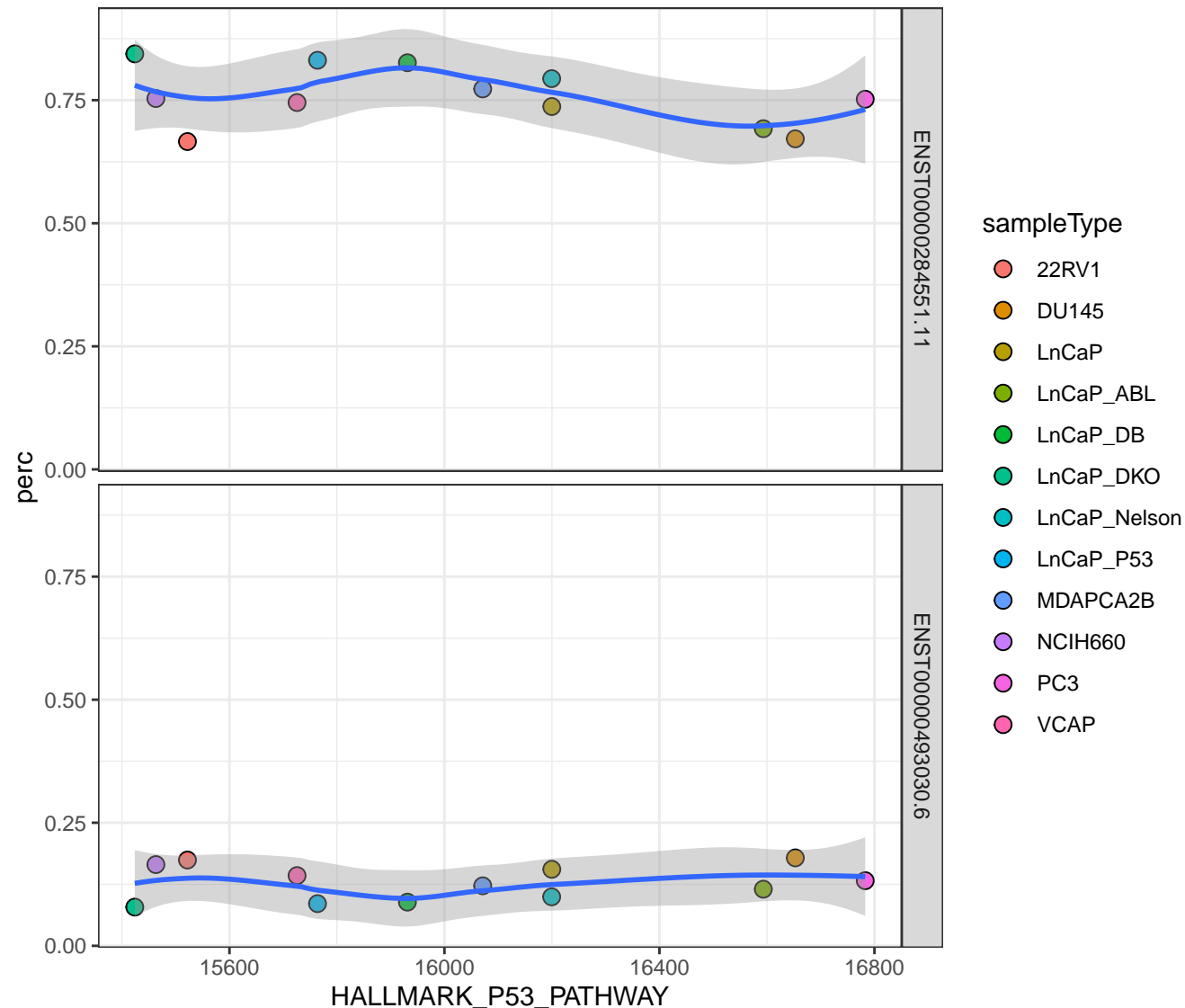
CellLine

Gene = TRIM11

Target = HALLMARK\_P53\_PATHWAY

ENST0000028451.11 (up) =  $-0.376186905422724$

ENST00000493030.6 (down) =  $0.126015875184004$



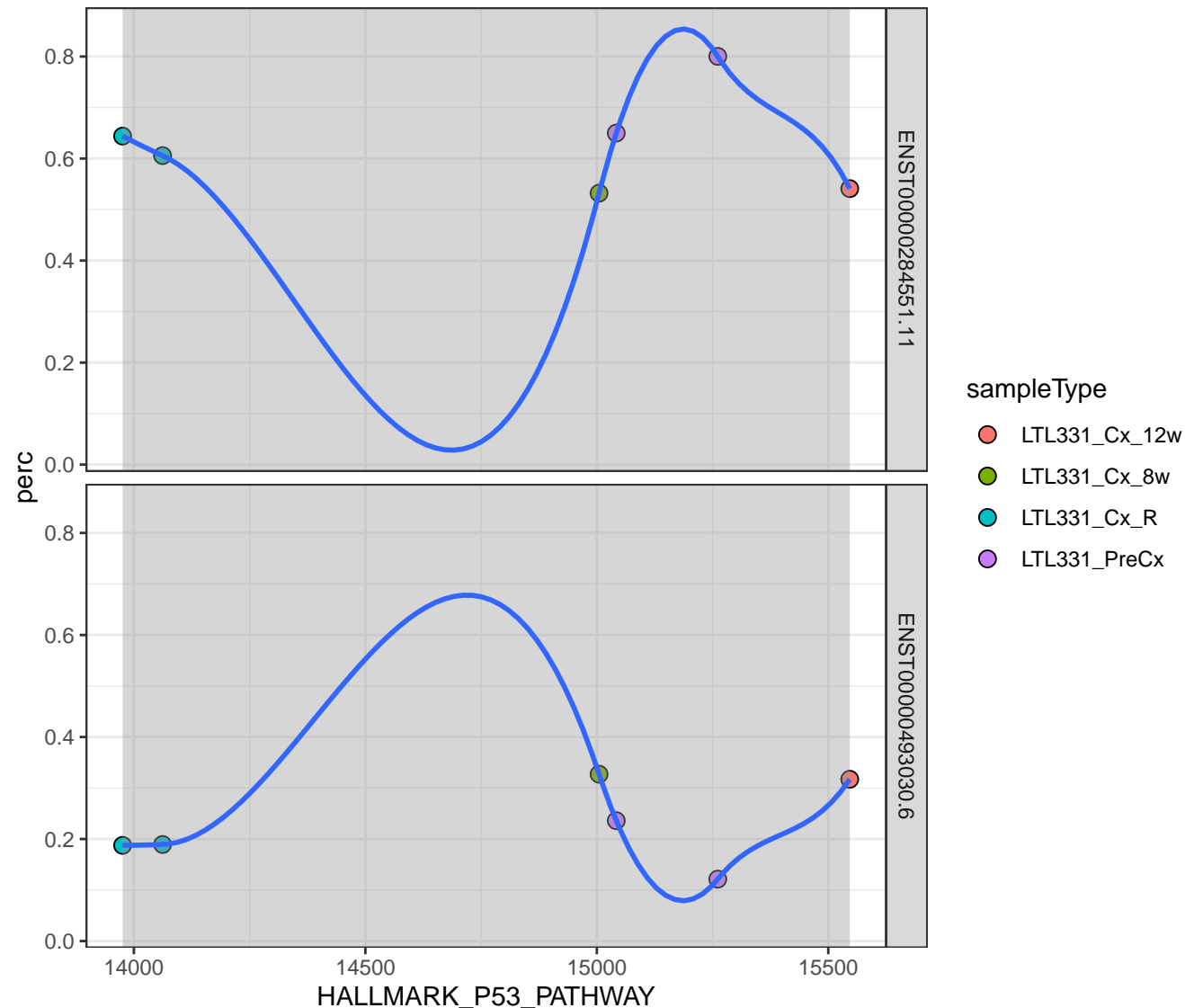
LTL\_longitudinal

Gene = TRIM11

Target = HALLMARK\_P53\_PATHWAY

ENST00000284551.11 (up) = 0.0106287350327522

ENST00000493030.6 (down) = 0.389710060728891



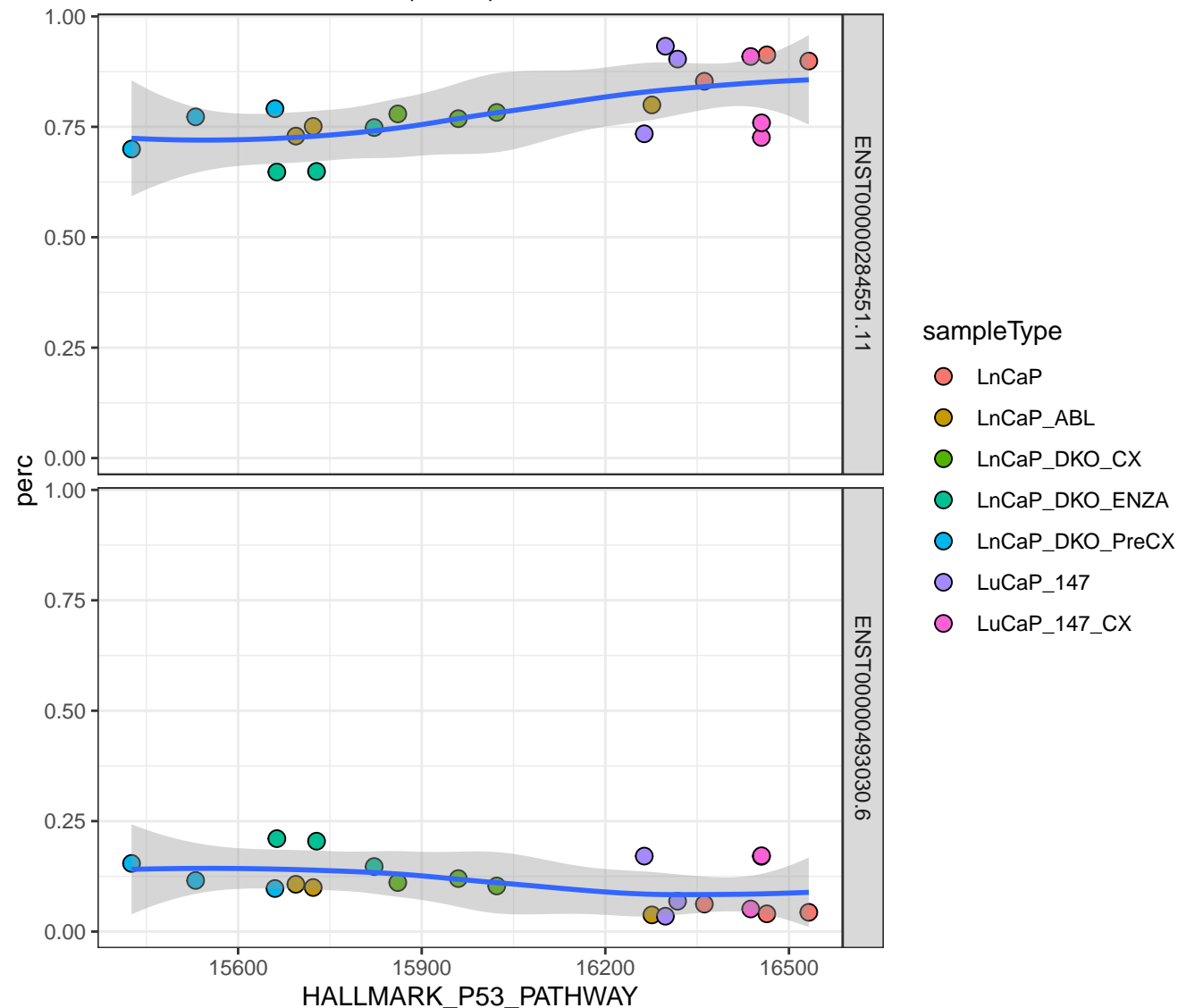
PDX\_longitudinal

Gene = TRIM11

Target = HALLMARK\_P53\_PATHWAY

ENST0000028451.11 (up) = 0.656535863402131

ENST00000493030.6 (down) = -0.455071154611125



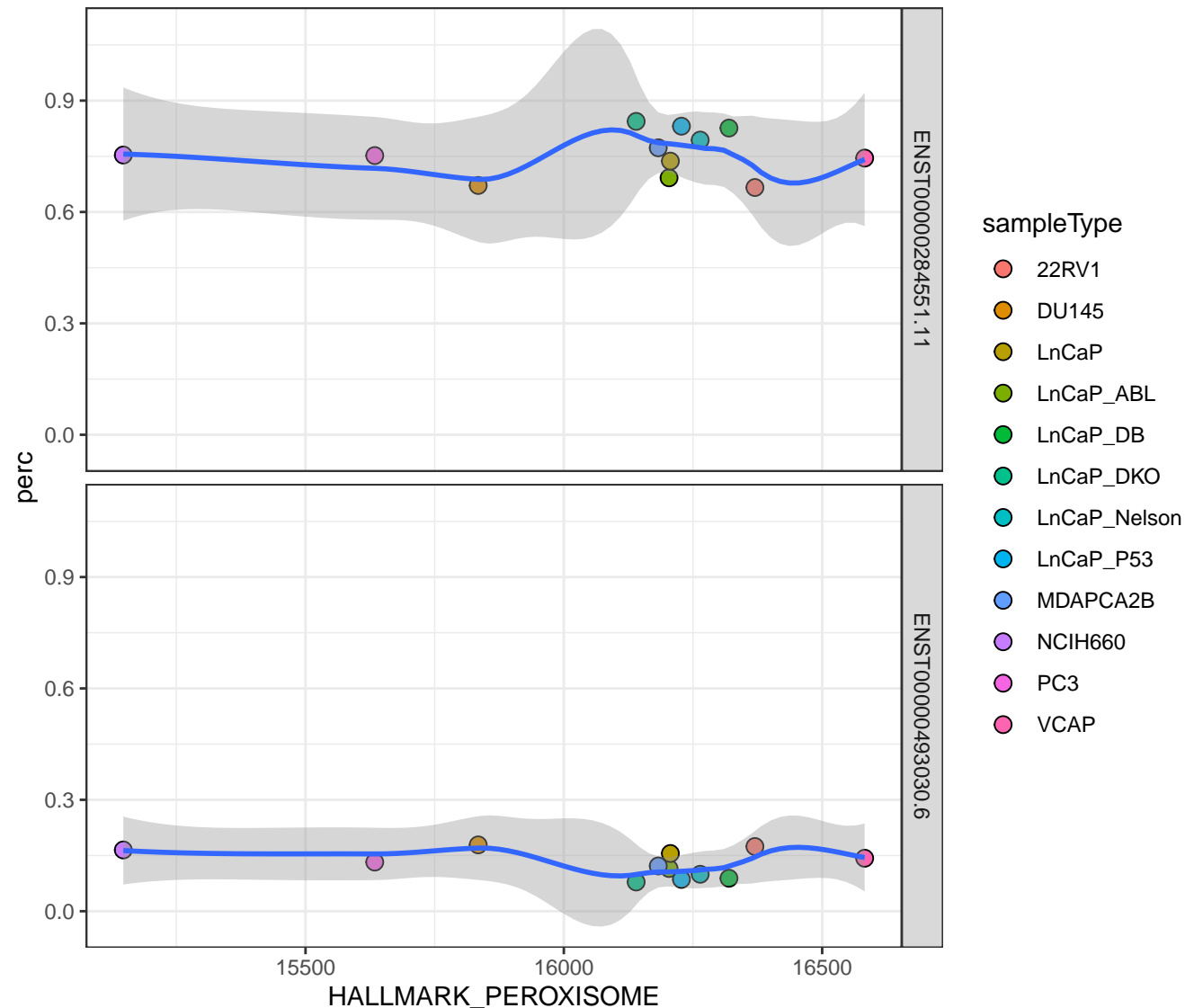
CellLine

Gene = TRIM11

Target = HALLMARK\_PEROXISOME

ENST00000284551.11 (up) = 0.0975355925987811

ENST00000493030.6 (down) = -0.338768613587865



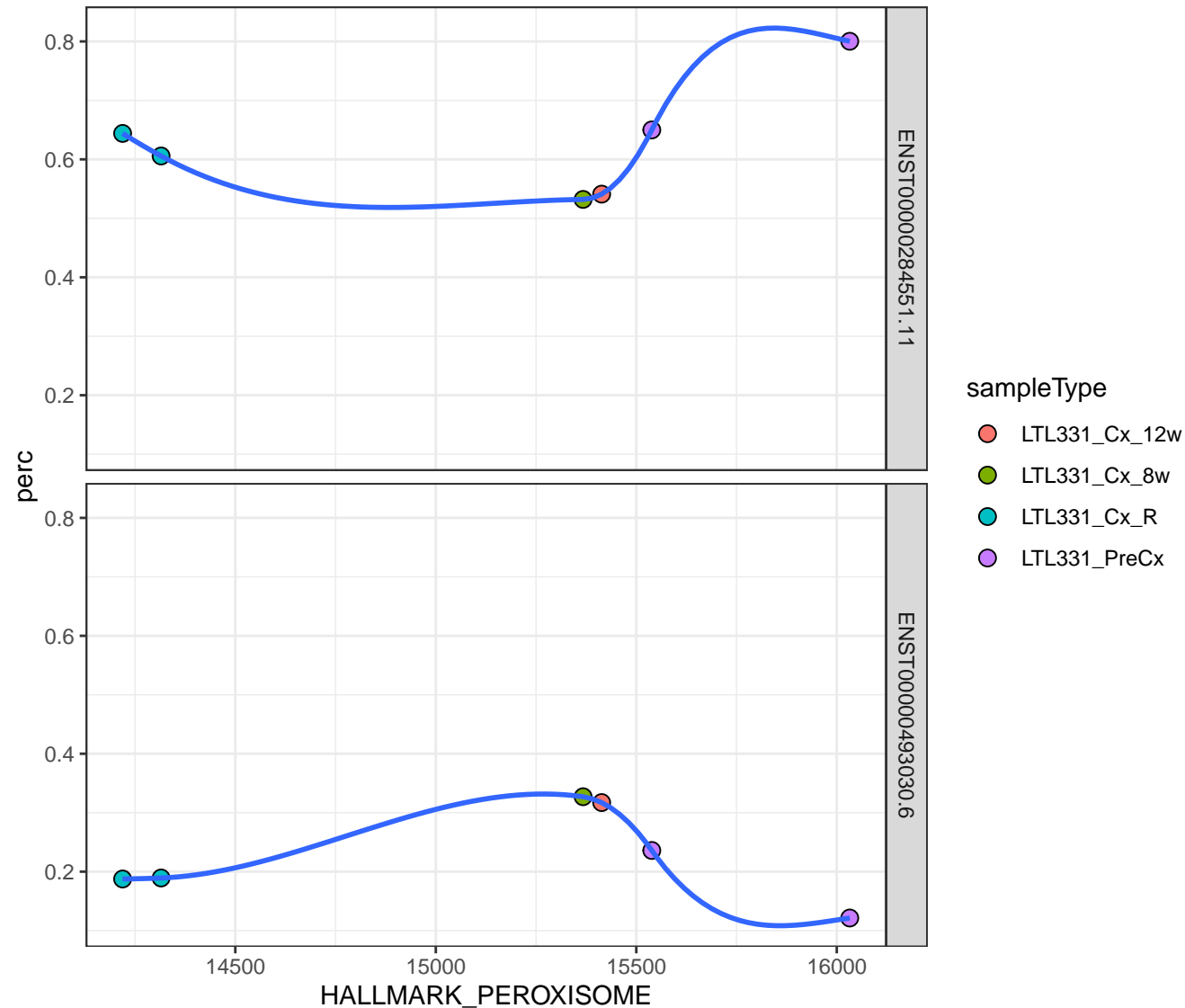
LTL\_longitudinal

Gene = TRIM11

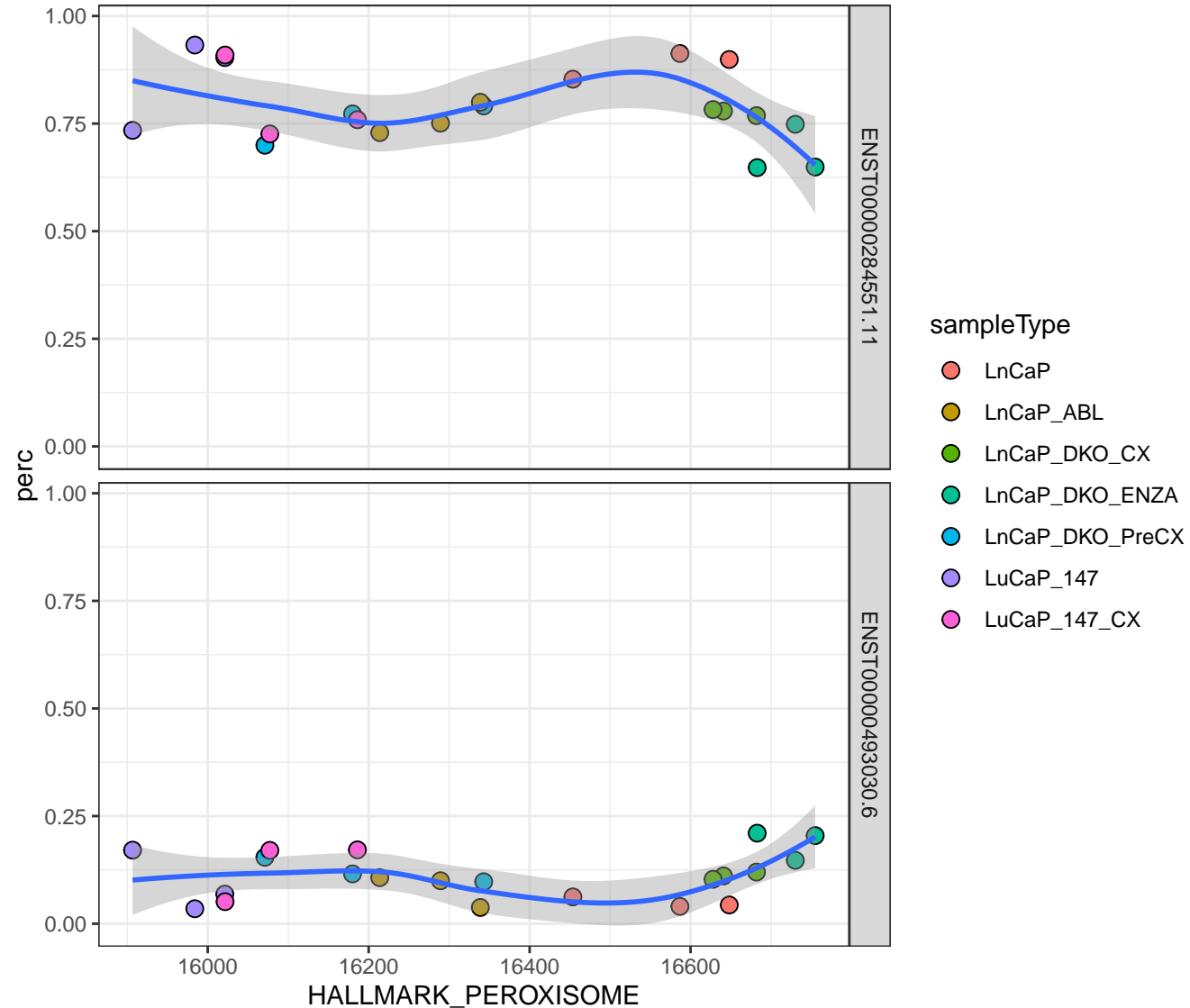
Target = HALLMARK\_PEROXISOME

ENST00000284551.11 (up) = 0.341445556671331

ENST00000493030.6 (down) = 0.0828898104222817



PDX\_longitudinal  
Gene = TRIM11  
Target = HALLMARK\_PEROXISOME  
ENST00000284551.11 (up) =  $-0.222075205261521$   
ENST00000493030.6 (down) =  $0.131712880648737$



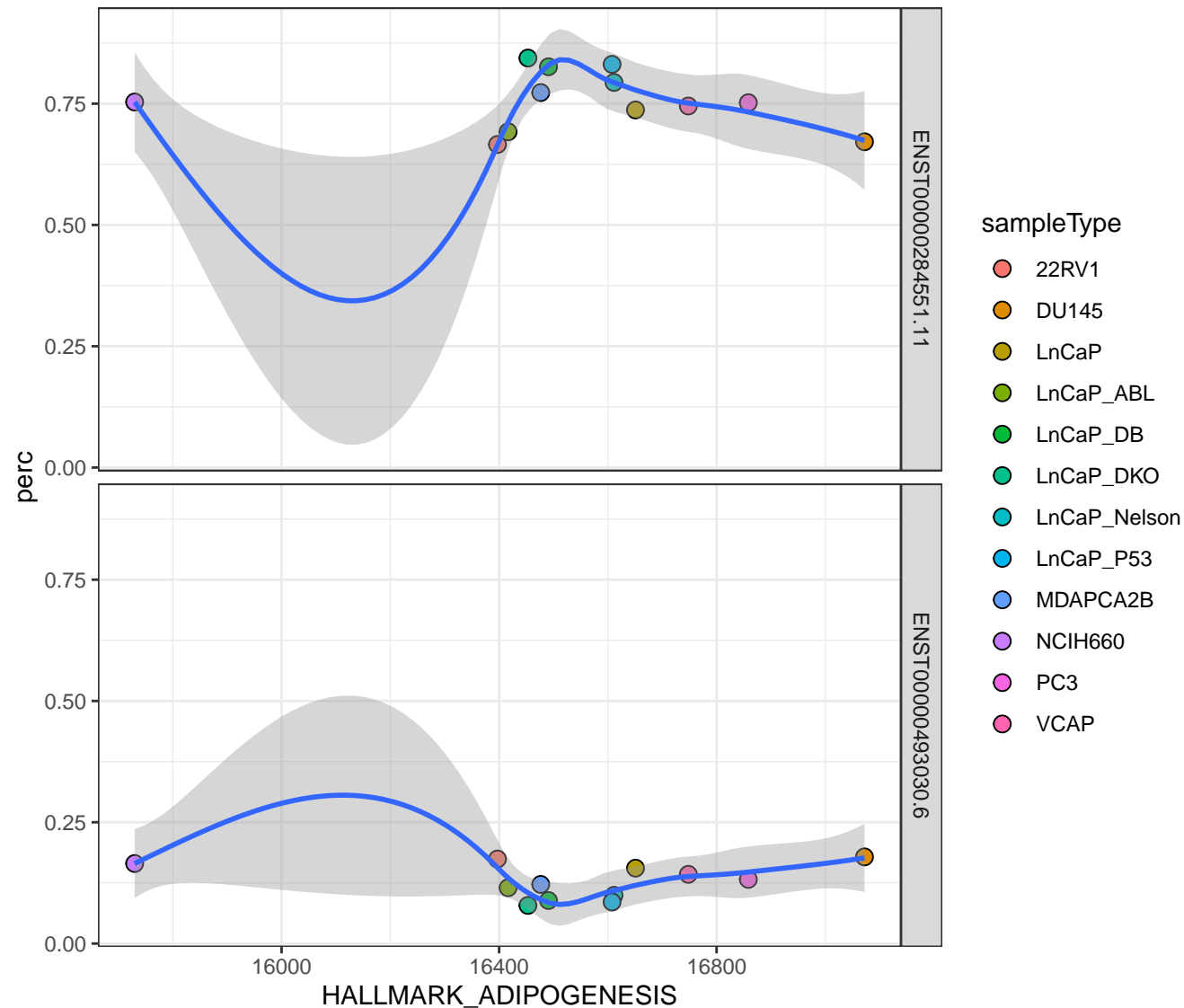
CellLine

Gene = TRIM11

Target = HALLMARK\_ADIPOGENESIS

ENST00000284551.11 (up) =  $-0.149961371415788$

ENST00000493030.6 (down) =  $0.00908855287239848$





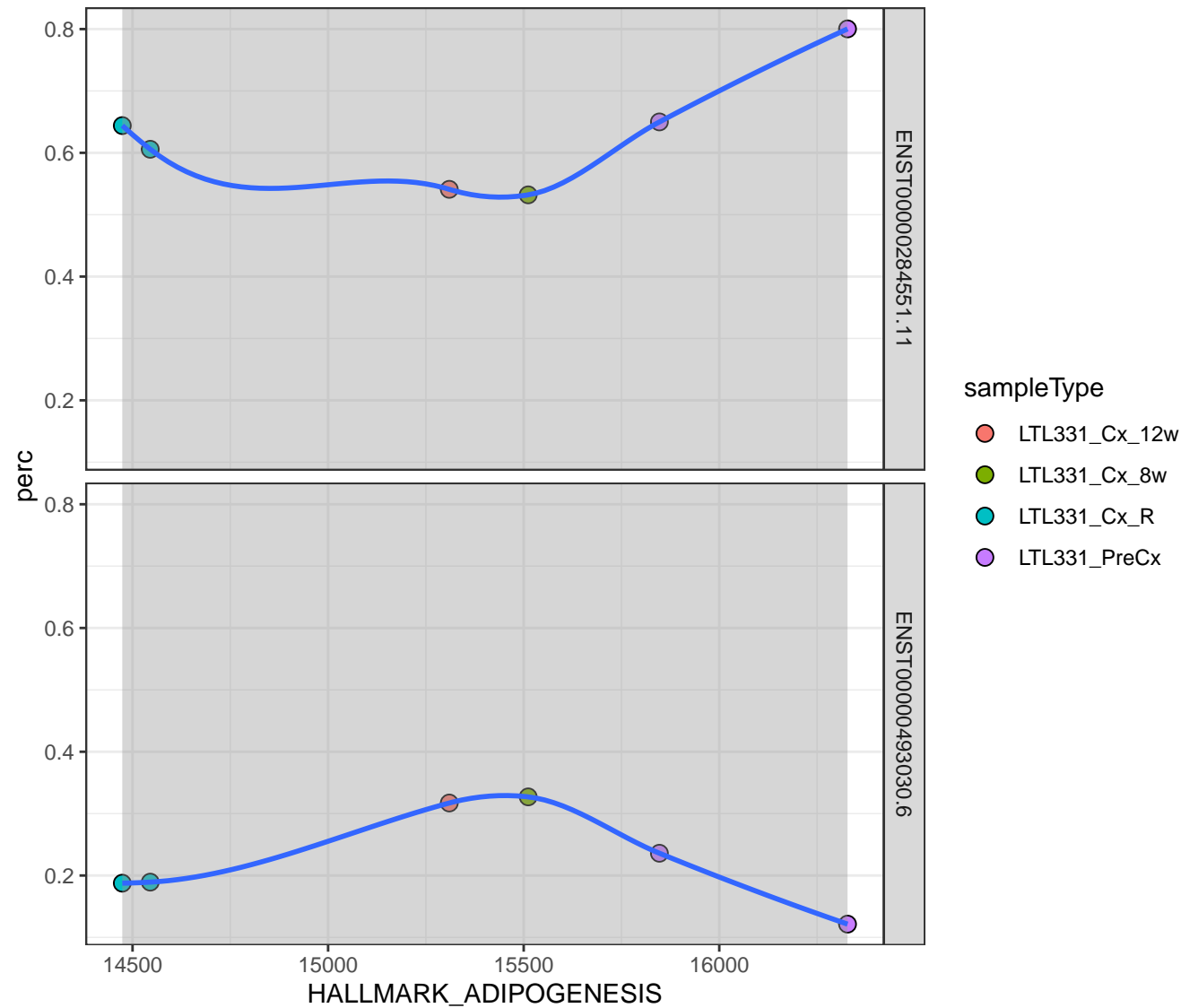
LTL\_longitudinal

Gene = TRIM11

Target = HALLMARK\_ADIPOGENESIS

ENST00000284551.11 (up) = 0.482498090670381

ENST00000493030.6 (down) = -0.0723356302894939



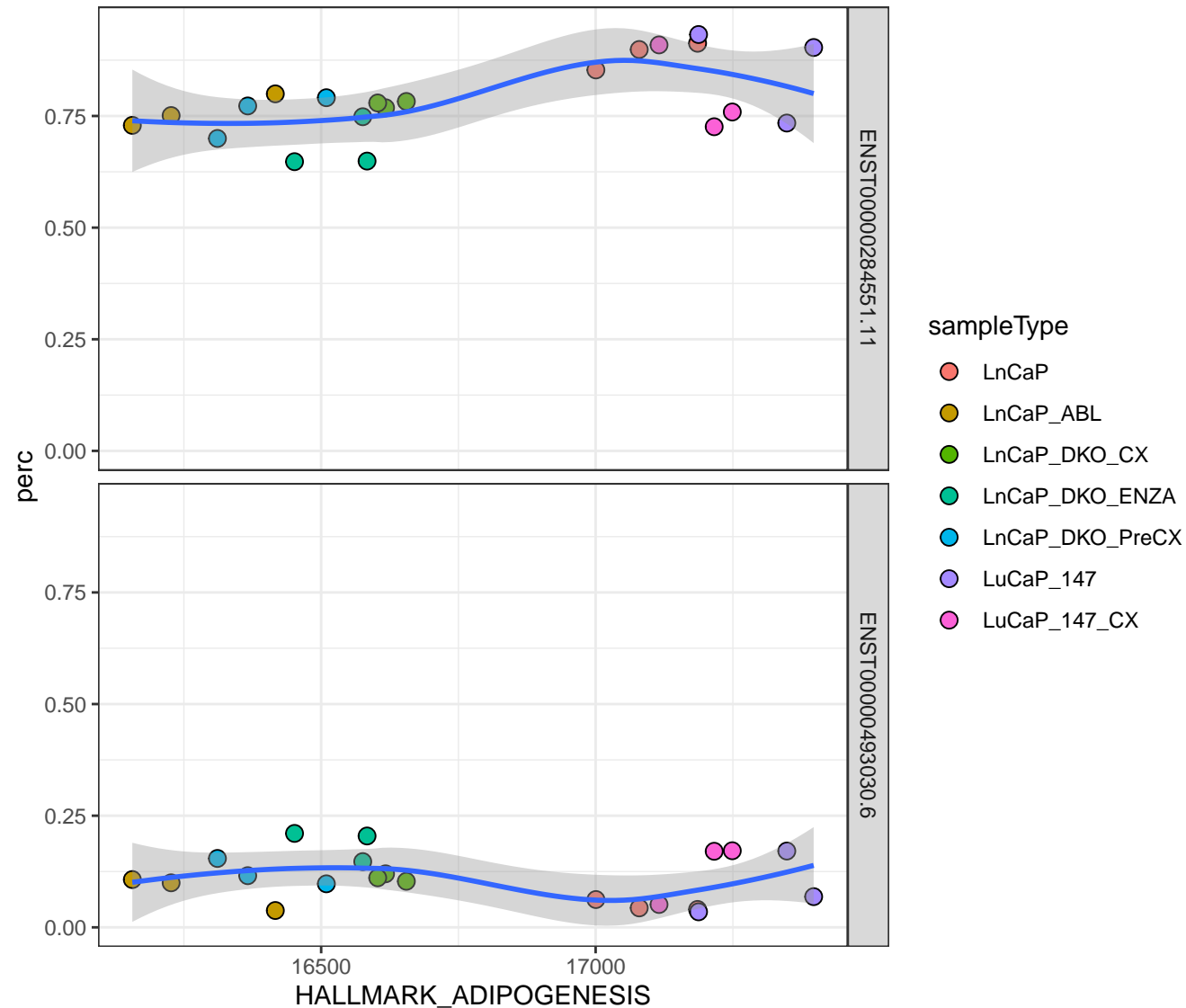
PDX\_longitudinal

Gene = TRIM11

Target = HALLMARK\_ADIPOGENESIS

ENST0000028451.11 (up) = 0.565157114458322

ENST00000493030.6 (down) = -0.203046063909312



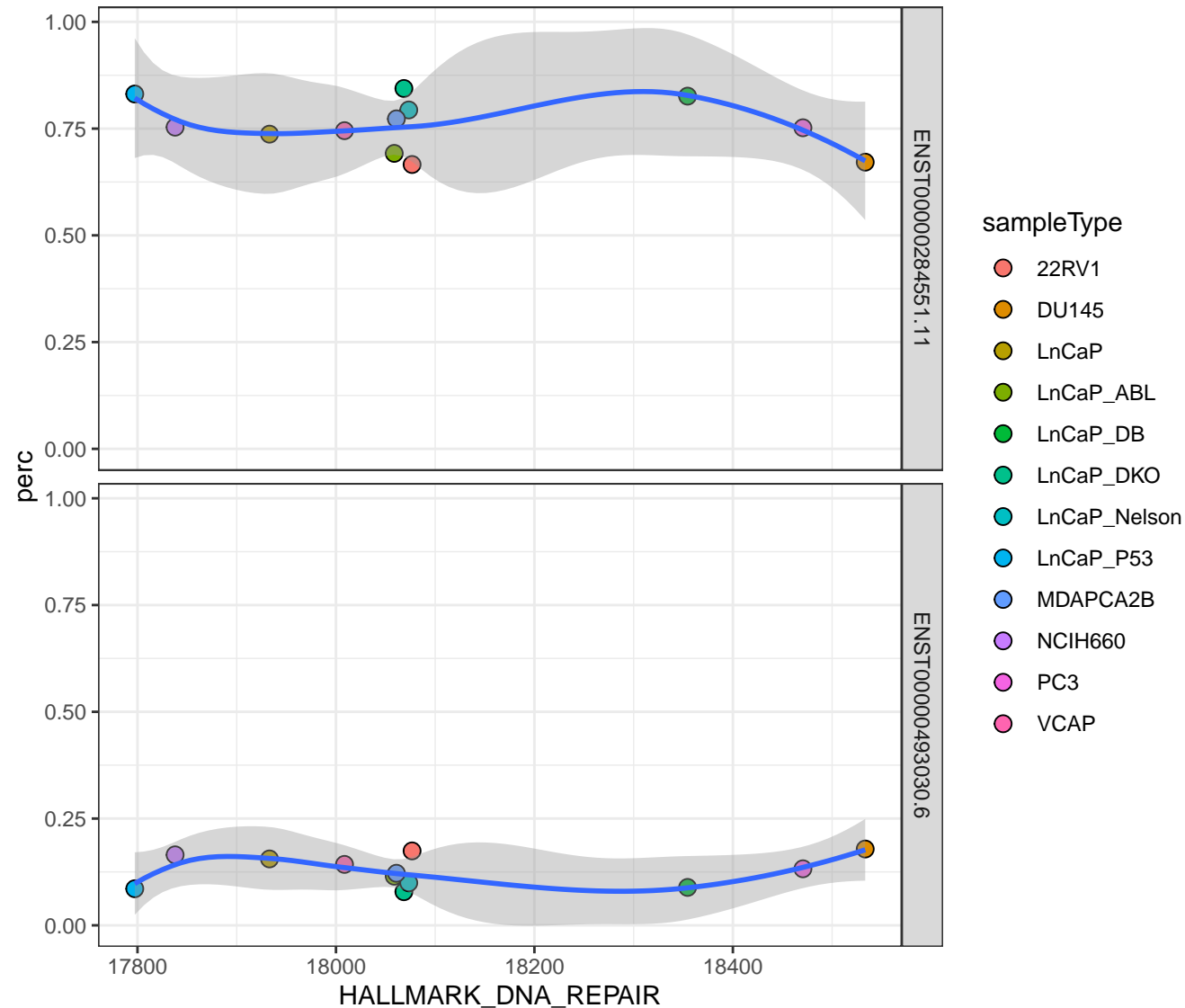
CellLine

Gene = TRIM11

Target = HALLMARK\_DNA\_REPAIR

ENST00000284551.11 (up) =  $-0.247487004585149$

ENST00000493030.6 (down) =  $0.141071920870665$



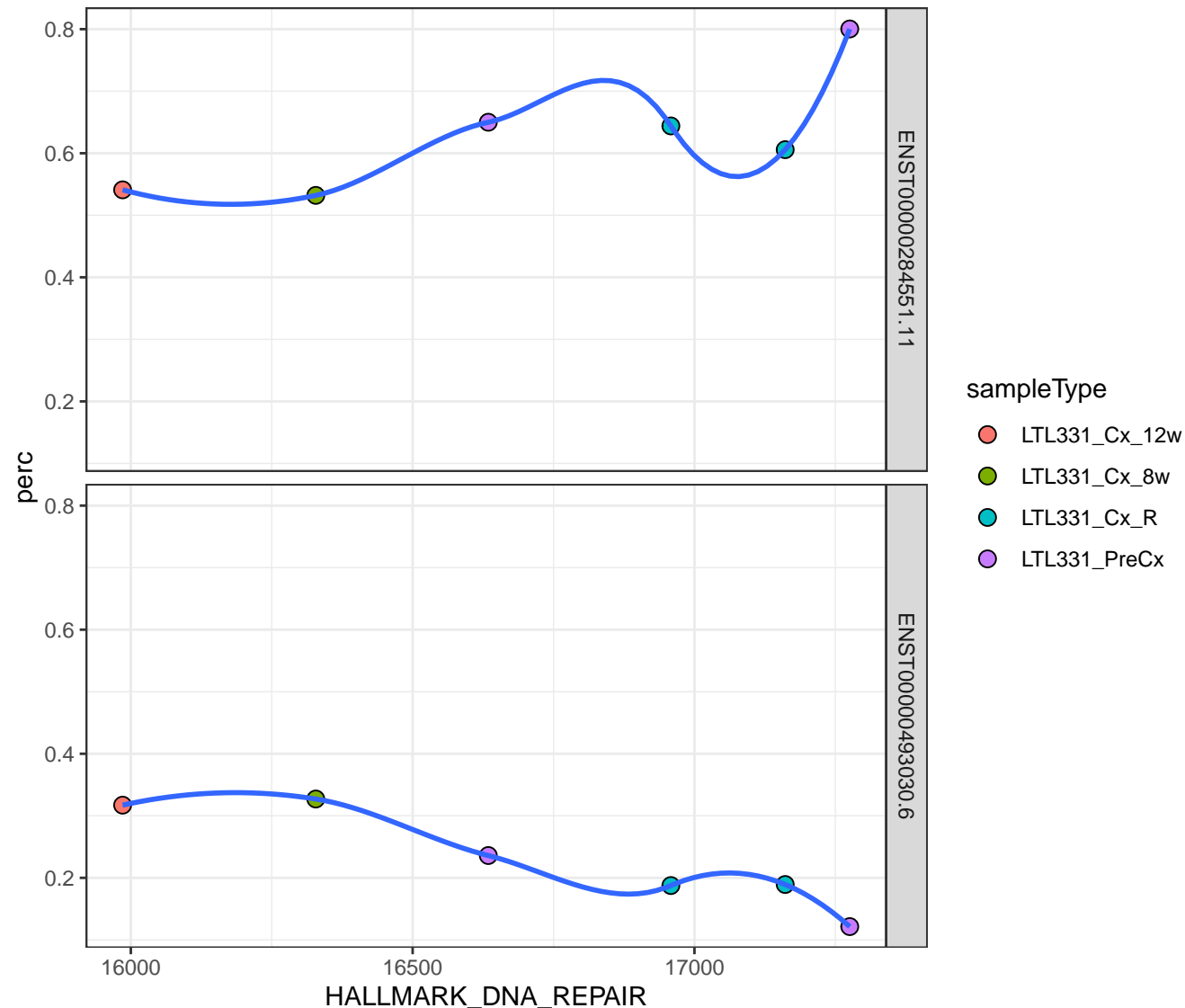
LTL\_longitudinal

Gene = TRIM11

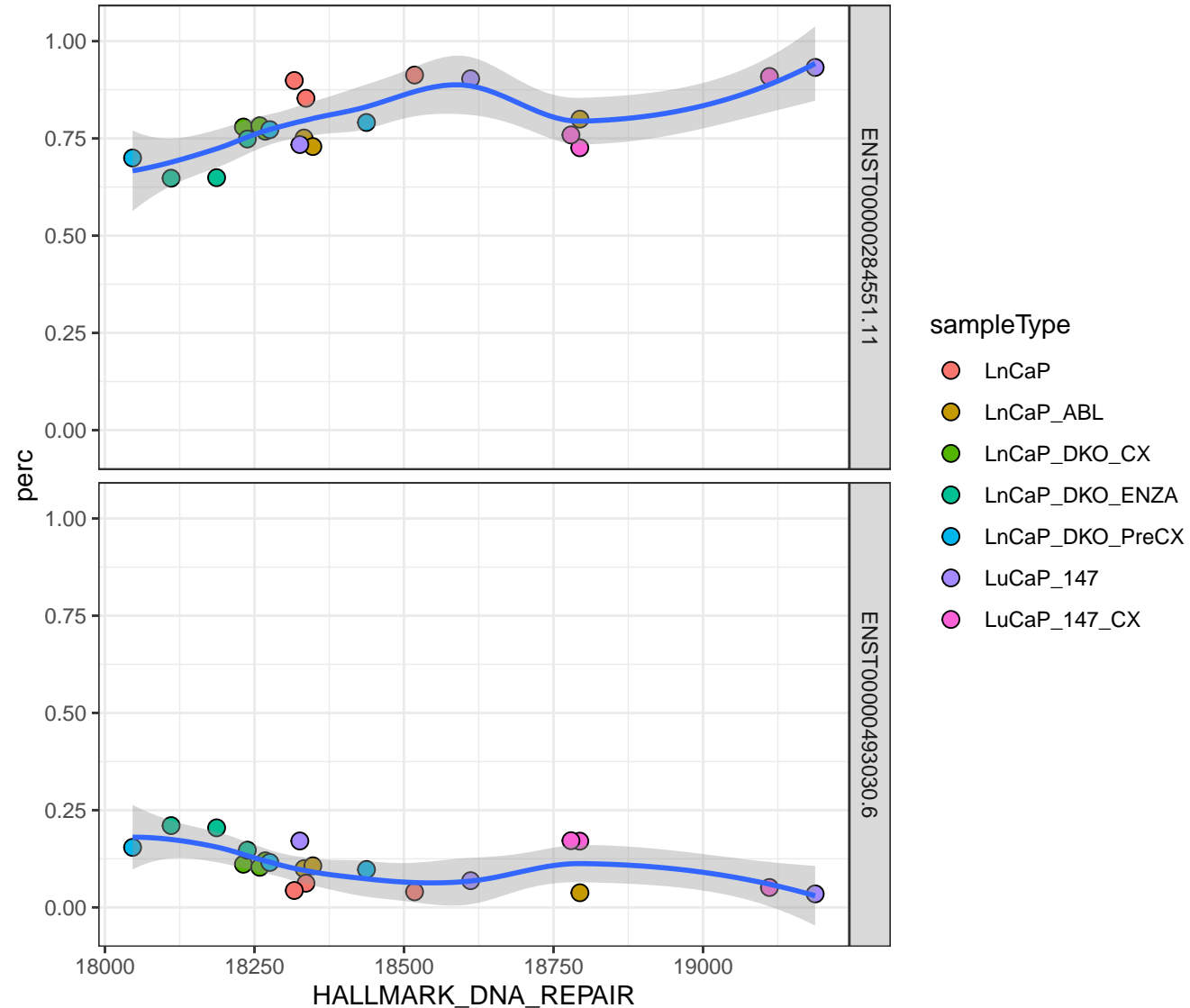
Target = HALLMARK\_DNA\_REPAIR

ENST00000284551.11 (up) = 0.772246254407424

ENST00000493030.6 (down) = -0.946401906125928



PDX\_longitudinal  
Gene = TRIM11  
Target = HALLMARK\_DNA\_REPAIR  
ENST0000028451.11 (up) = 0.60236454099283  
ENST00000493030.6 (down) = -0.48180356974642



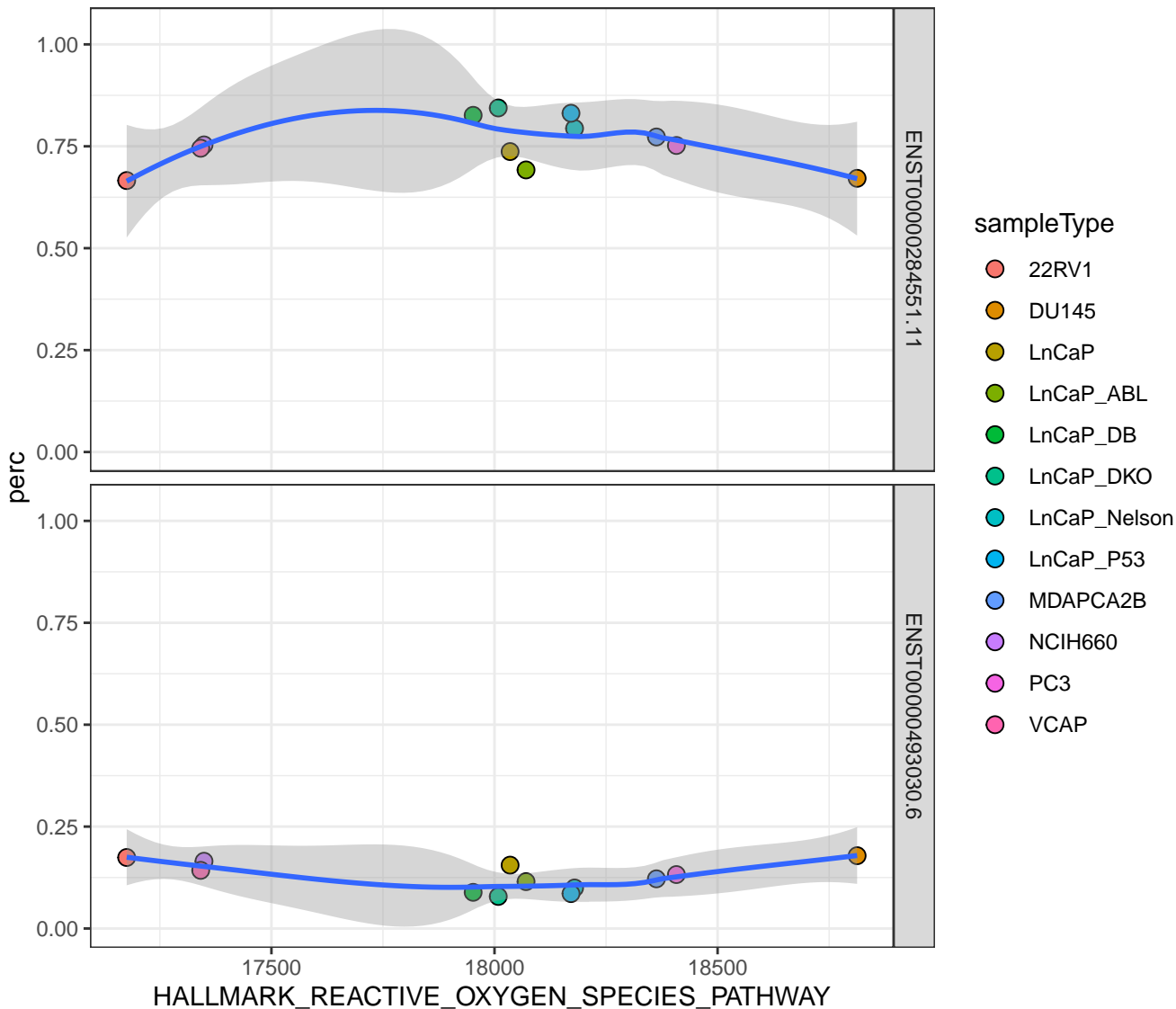
CellLine

Gene = TRIM11

Target = HALLMARK\_REACTIVE\_OXYGEN\_SPECIES\_PATHWAY

ENST00000284551.11 (up) = 0.0963297052319516

ENST00000493030.6 (down) = -0.222816655788529



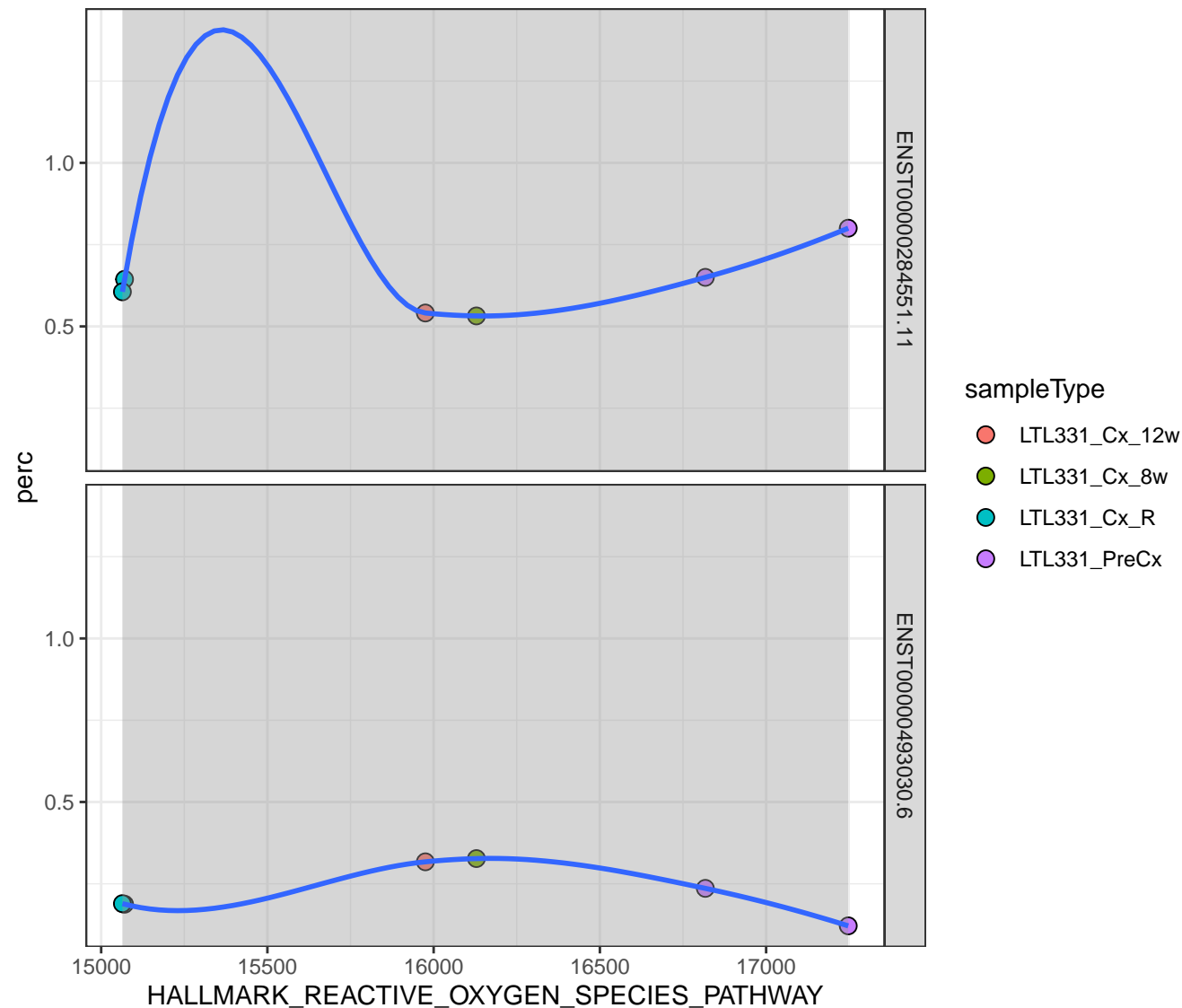
LTL\_longitudinal

Gene = TRIM11

Target = HALLMARK\_REACTIVE\_OXYGEN\_SPECIES\_PATHWAY

ENST00000284551.11 (up) = 0.525043727480894

ENST00000493030.6 (down) = -0.118998540338316



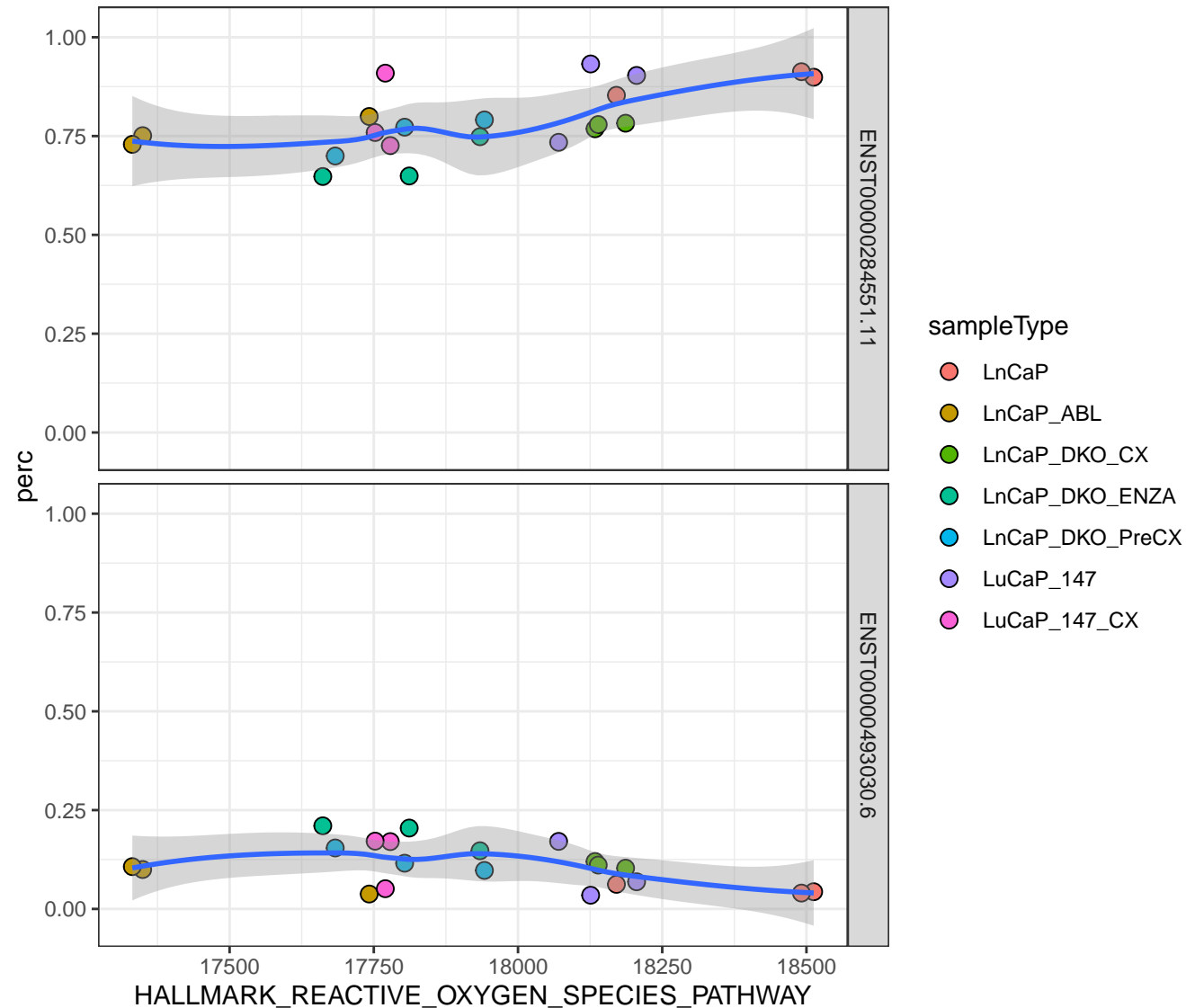
PDX\_longitudinal

Gene = TRIM11

Target = HALLMARK\_REACTIVE\_OXYGEN\_SPECIES\_PATHWAY

ENST00000284551.11 (up) = 0.609499926198968

ENST00000493030.6 (down) = -0.418212017455003





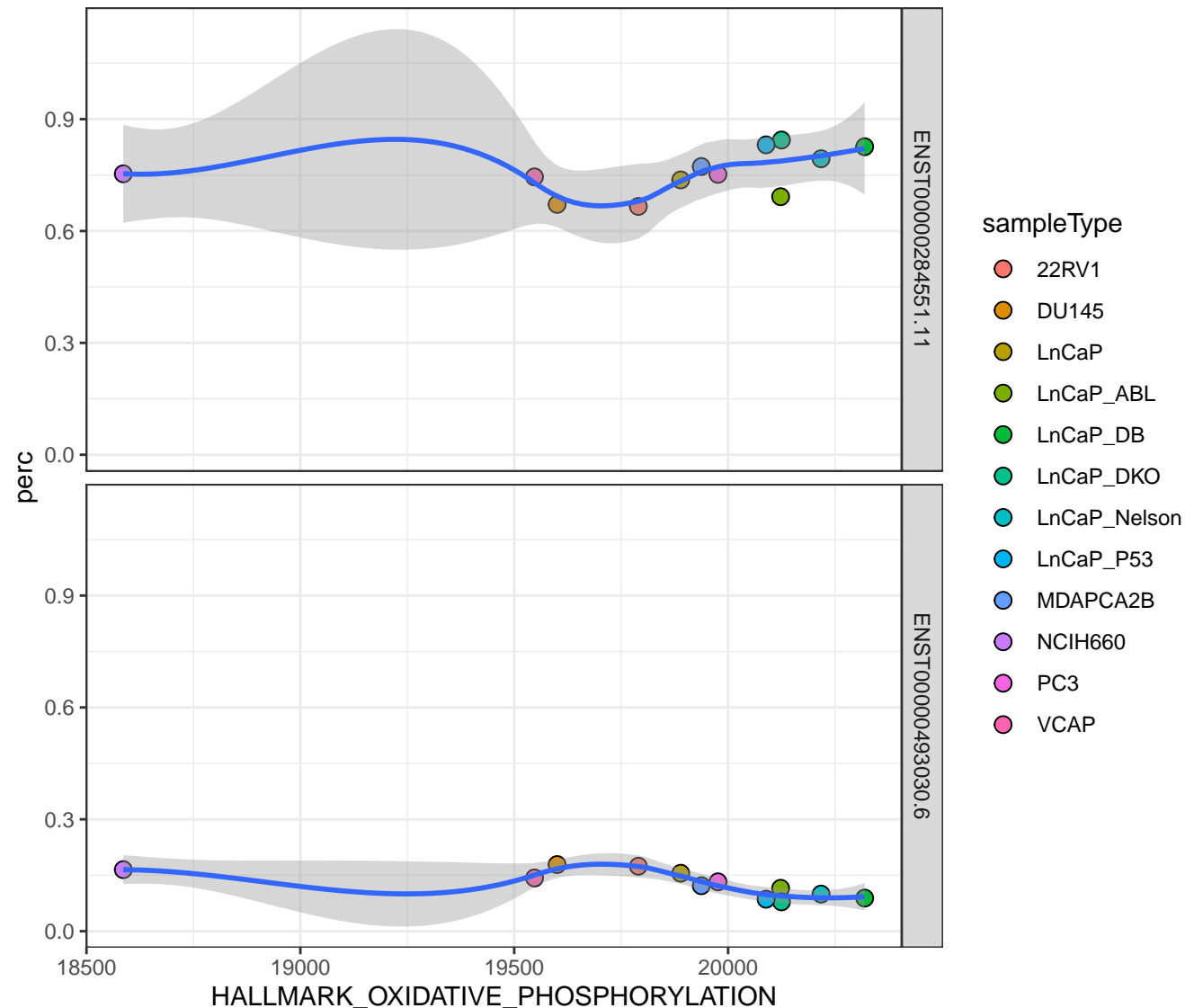
CellLine

Gene = TRIM11

Target = HALLMARK\_OXIDATIVE\_PHOSPHORYLATION

ENST00000284551.11 (up) = 0.342631547024008

ENST00000493030.6 (down) = -0.675398778822658



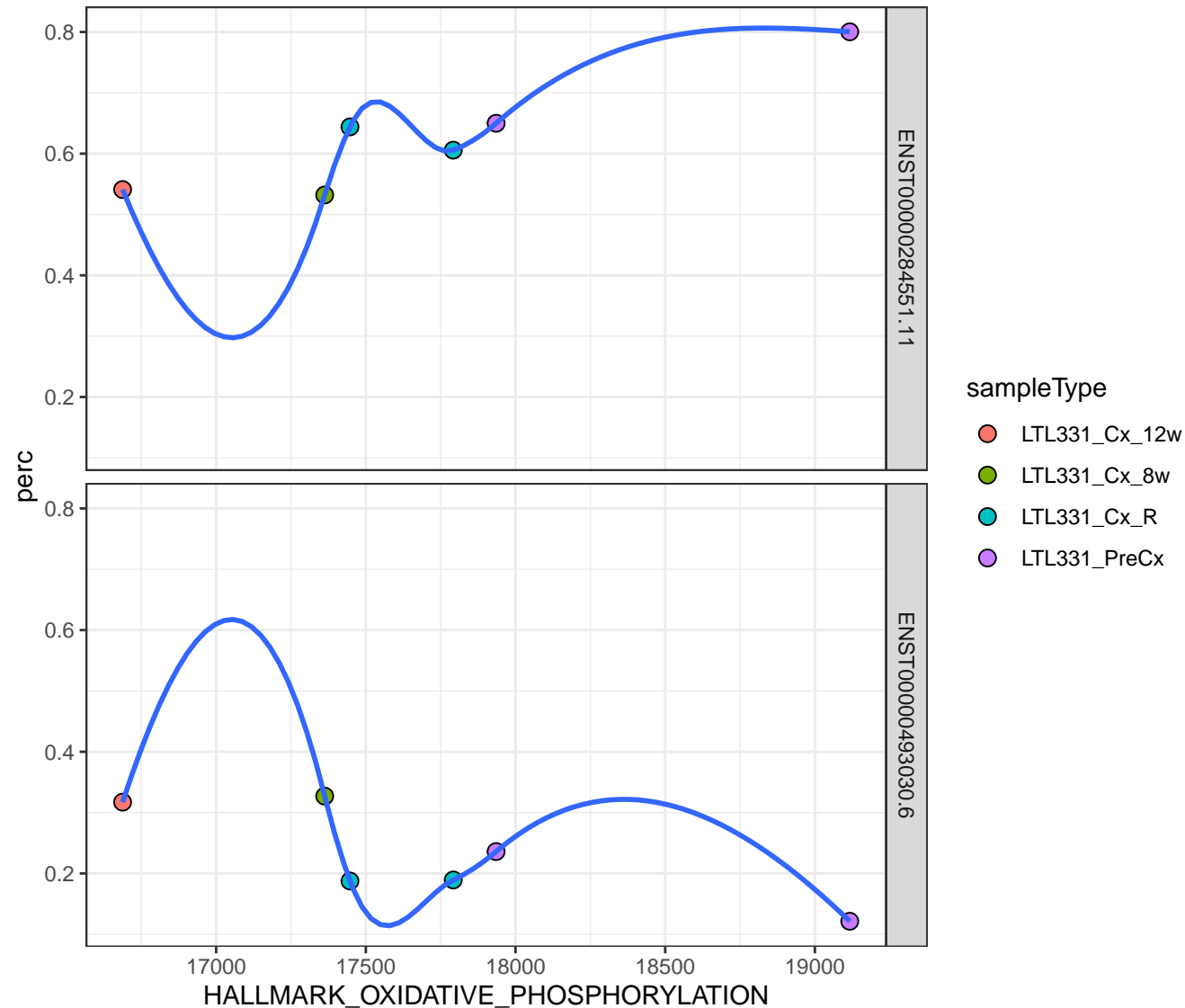
LTL\_longitudinal

Gene = TRIM11

Target = HALLMARK\_OXIDATIVE\_PHOSPHORYLATION

ENST00000284551.11 (up) = 0.920406451537823

ENST00000493030.6 (down) = -0.819642661565318



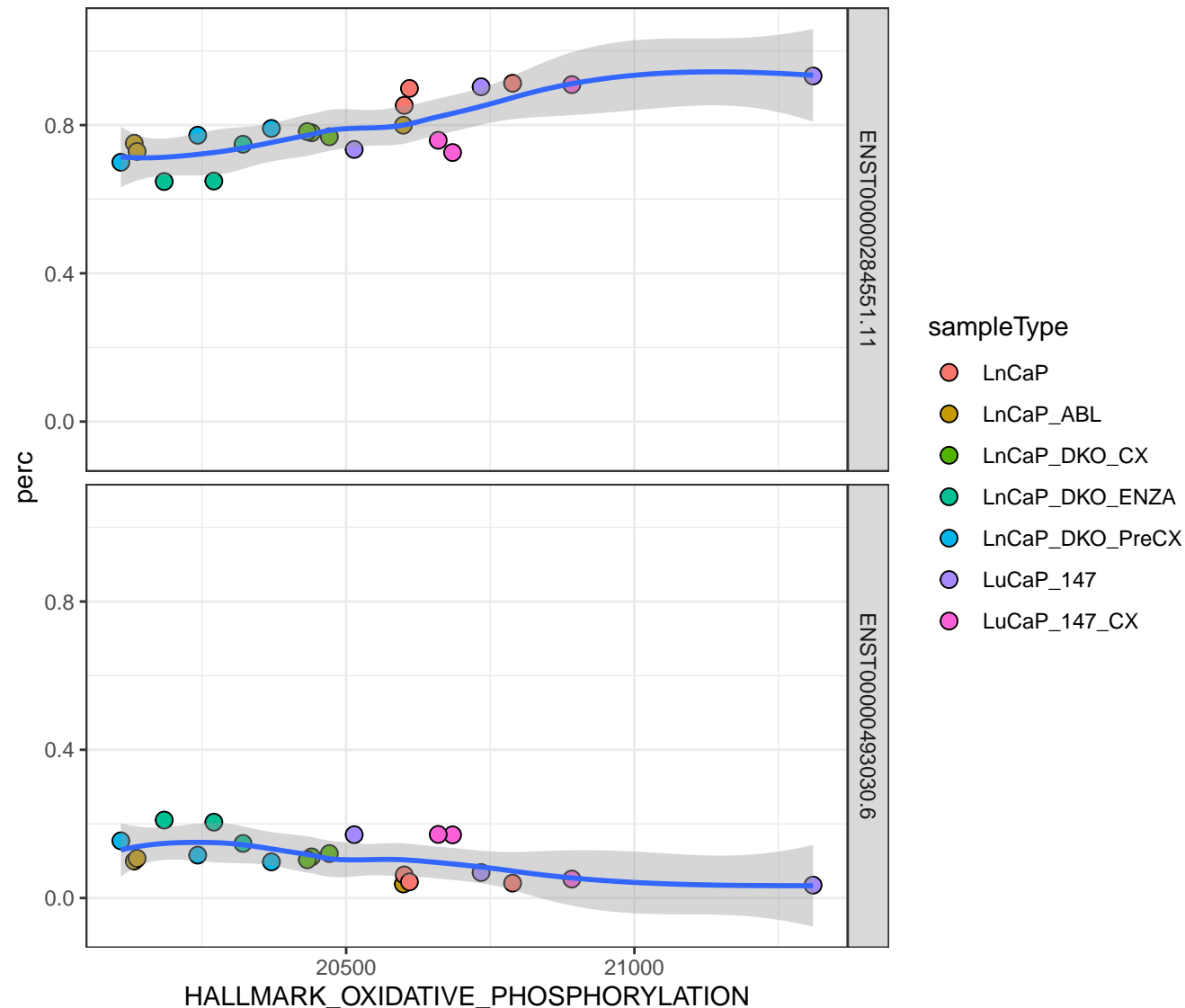
PDX\_longitudinal

Gene = TRIM11

Target = HALLMARK\_OXIDATIVE\_PHOSPHORYLATION

ENST00000284551.11 (up) = 0.780653269388447

ENST00000493030.6 (down) = -0.561418240450062



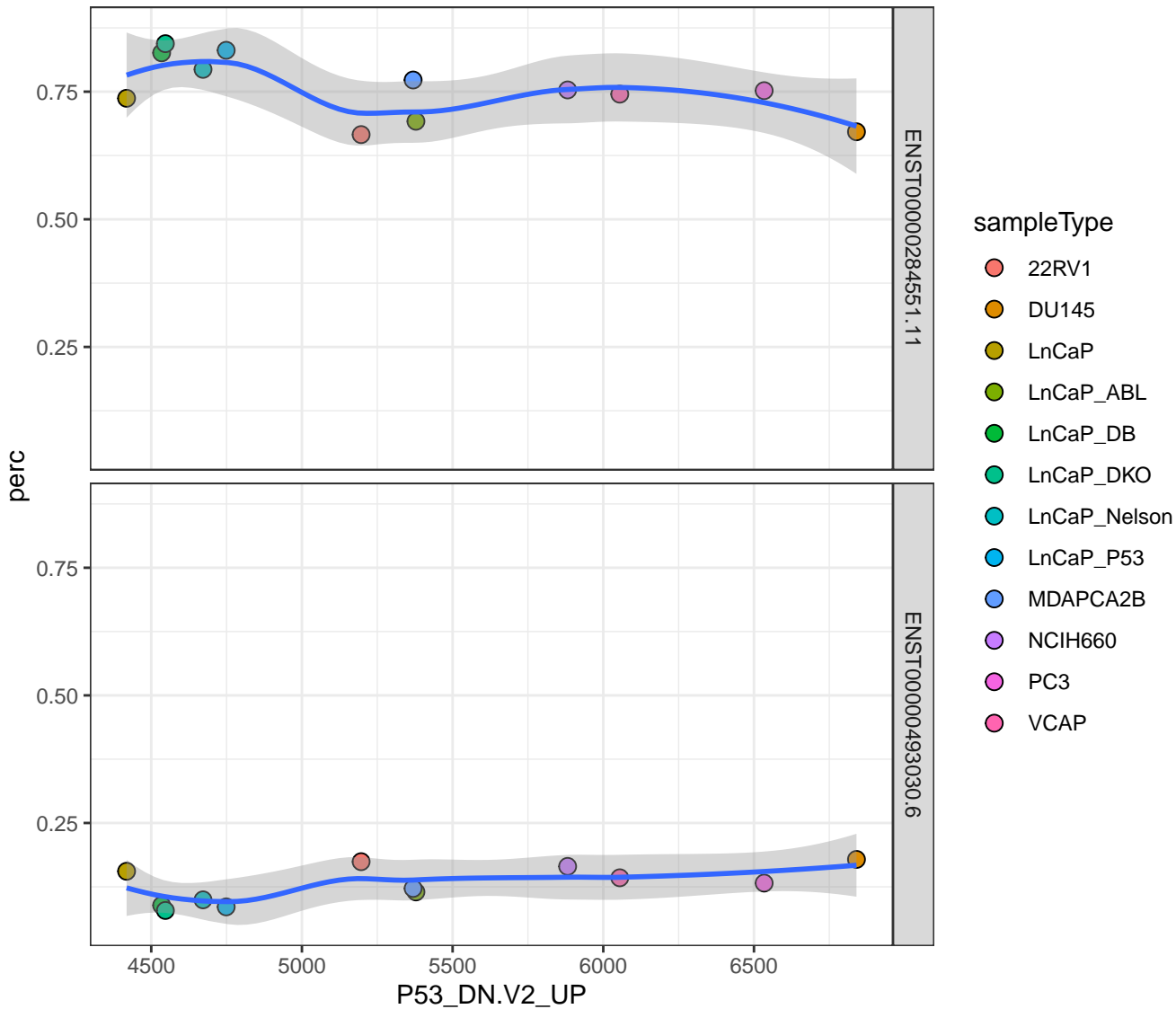
CellLine

Gene = TRIM11

Target = P53\_DN.V2\_UP

ENST00000284551.11 (up) = -0.566812629897403

ENST00000493030.6 (down) = 0.604759527944578



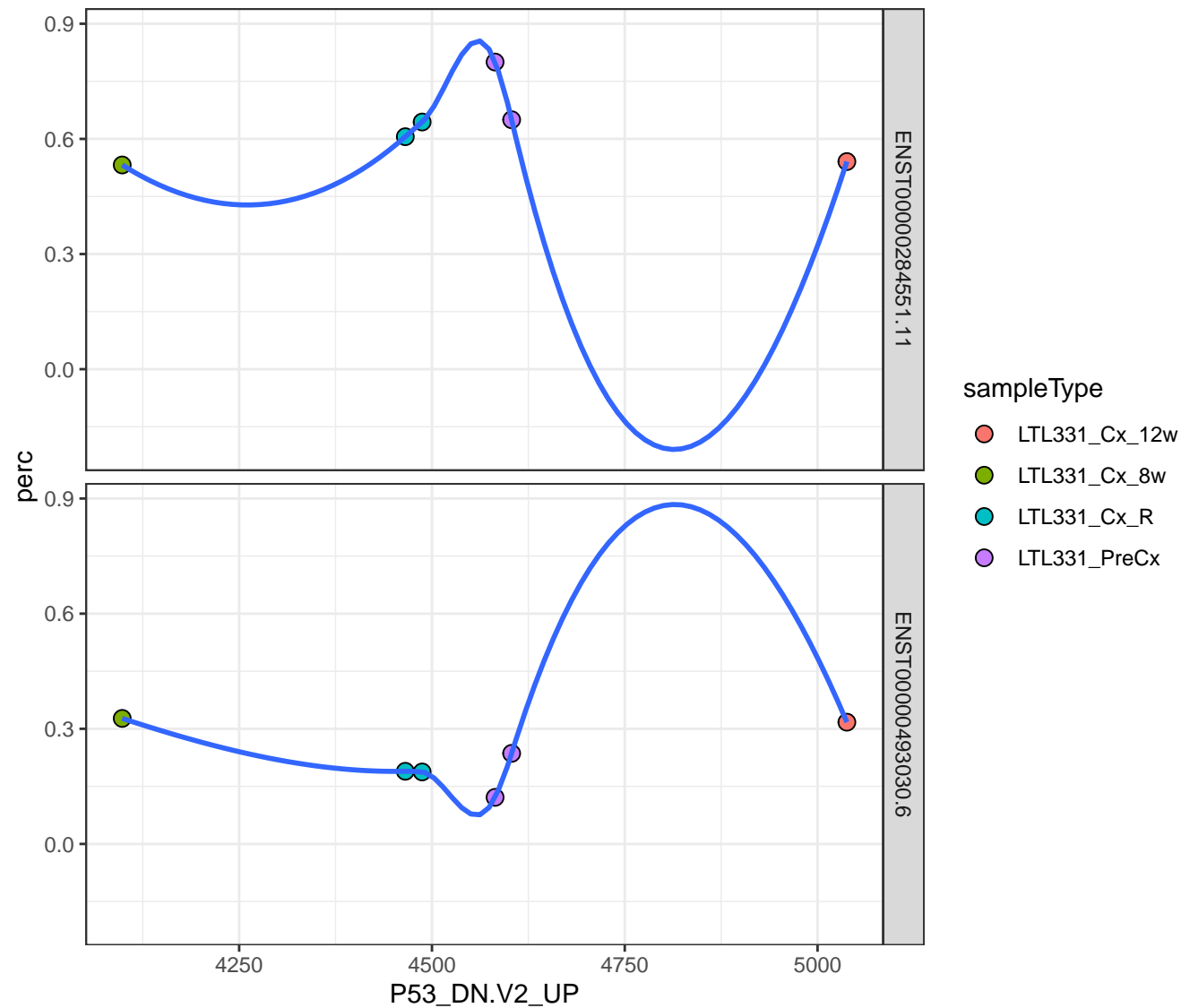
LTL\_longitudinal

Gene = TRIM11

Target = P53\_DN.V2\_UP

ENST00000284551.11 (up) = 0.0571696920060607

ENST00000493030.6 (down) = 0.0136010118451405



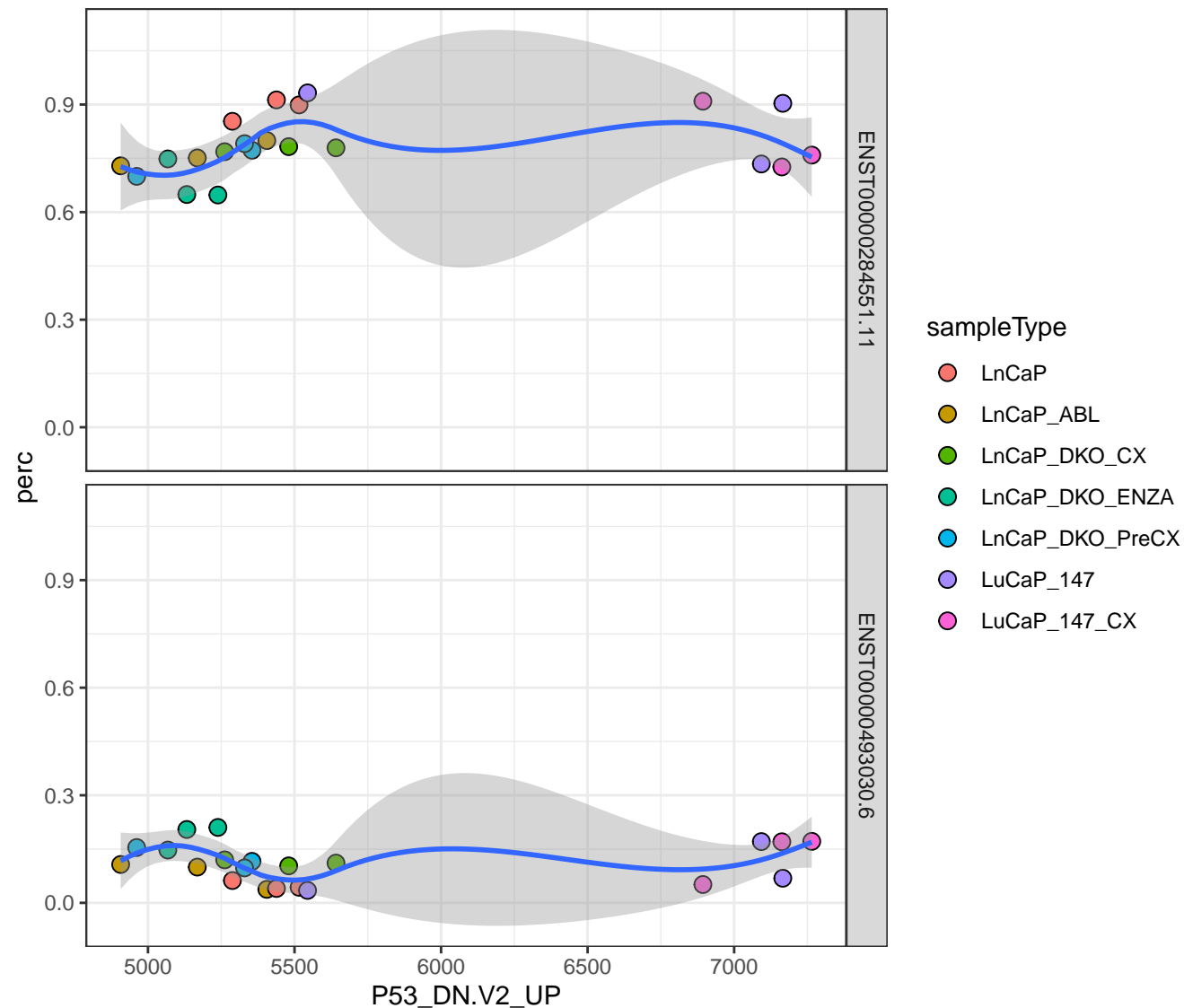
PDX\_longitudinal

Gene = TRIM11

Target = P53\_DN.V2\_UP

ENST00000284551.11 (up) = 0.225833522733608

ENST00000493030.6 (down) = 0.0803858220567681



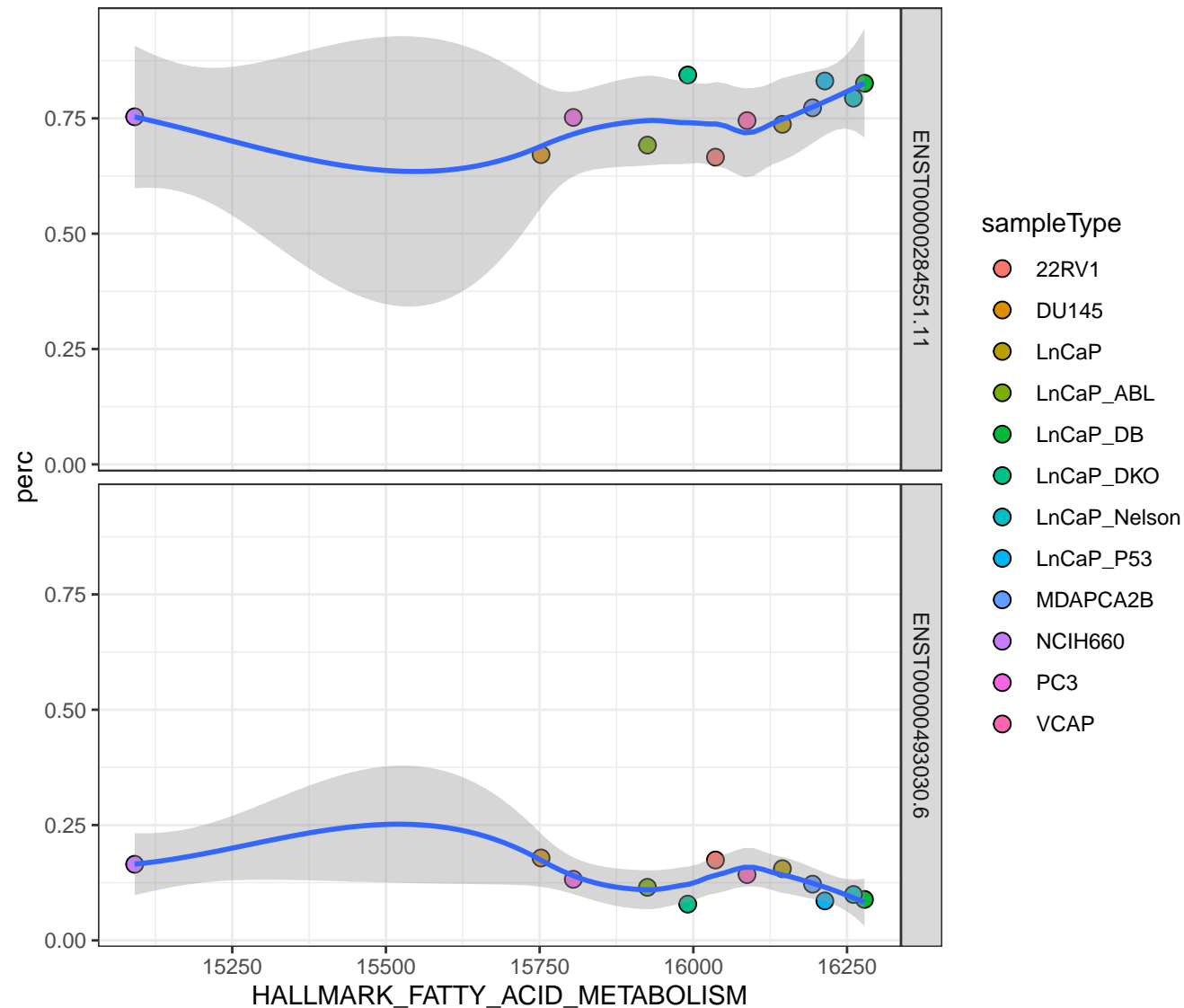
CellLine

Gene = TRIM11

Target = HALLMARK\_FATTY\_ACID\_METABOLISM

ENST00000284551.11 (up) = 0.322173144774538

ENST00000493030.6 (down) = -0.524799506242333



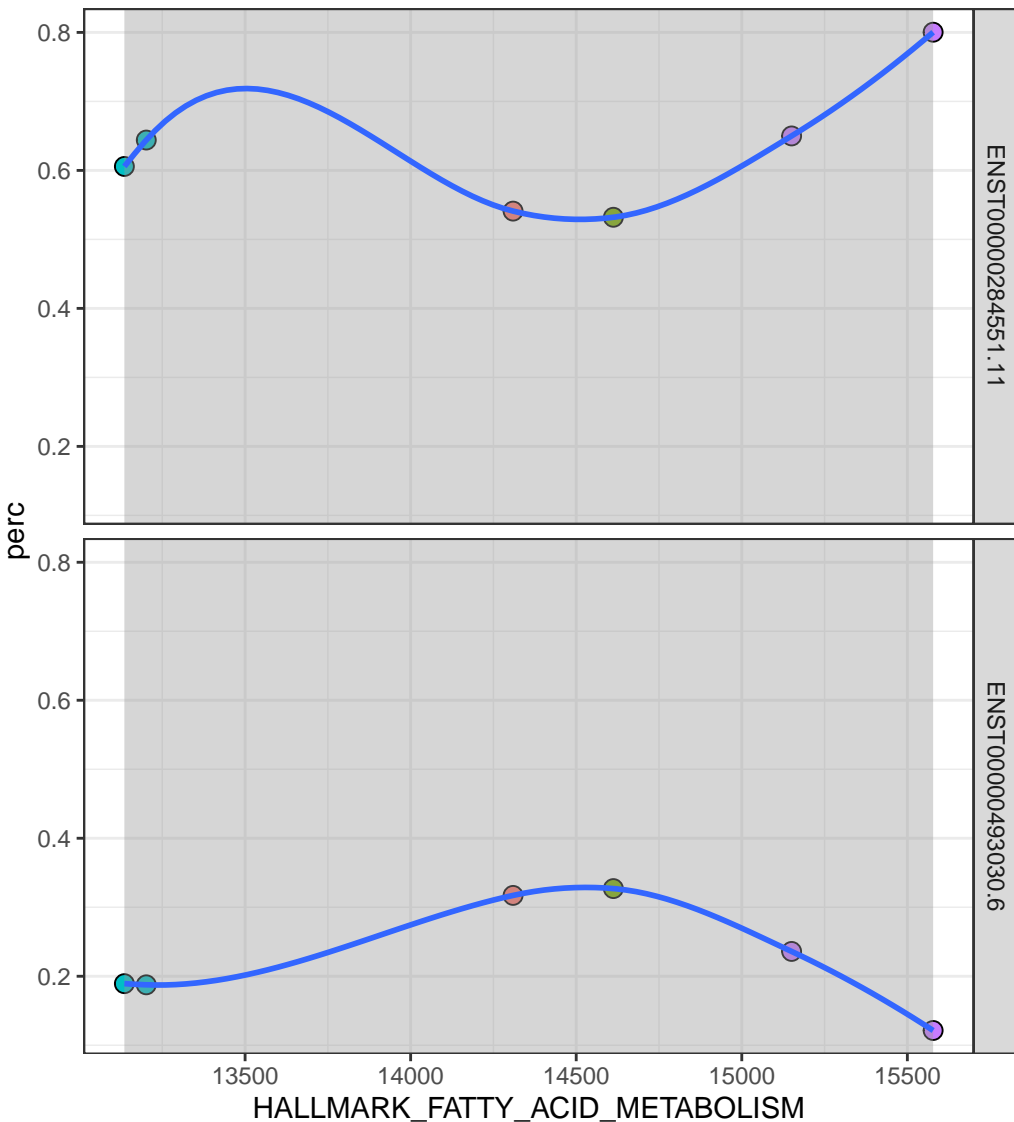
LTL\_longitudinal

Gene = TRIM11

Target = HALLMARK\_FATTY\_ACID\_METABOLISM

ENST00000284551.11 (up) = 0.442413180361865

ENST00000493030.6 (down) = -0.0211703432122495





PDX\_longitudinal

Gene = TRIM11

Target = HALLMARK\_FATTY\_ACID\_METABOLISM

ENST00000284551.11 (up) = 0.55341371170105

ENST00000493030.6 (down) = -0.282092857271163

