

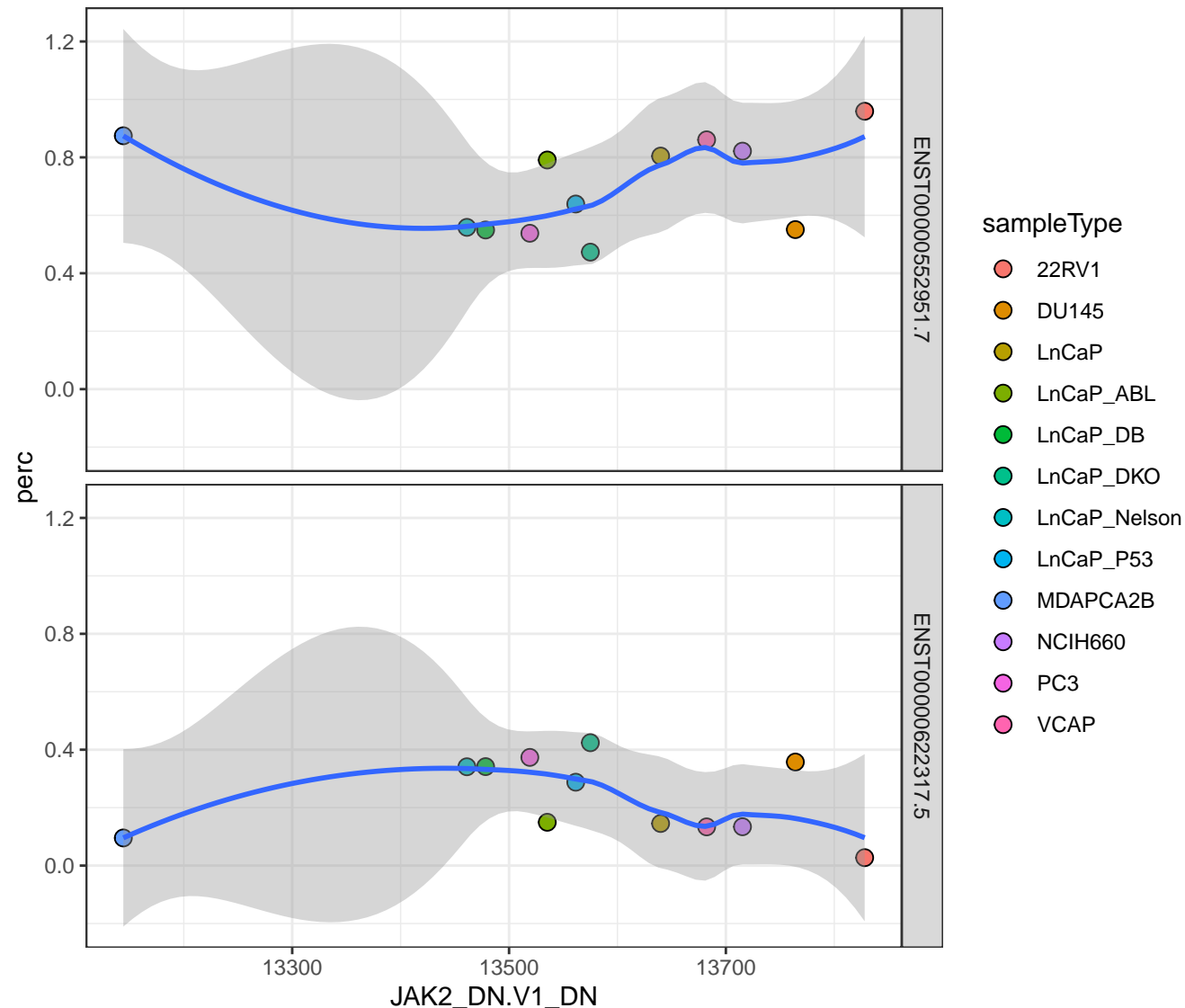
CellLine

Gene = NOPCHAP1

Target = JAK2_DN.V1_DN

ENST00000552951.7 (up) = 0.123462514181214

ENST00000622317.5 (down) = -0.106018312057353



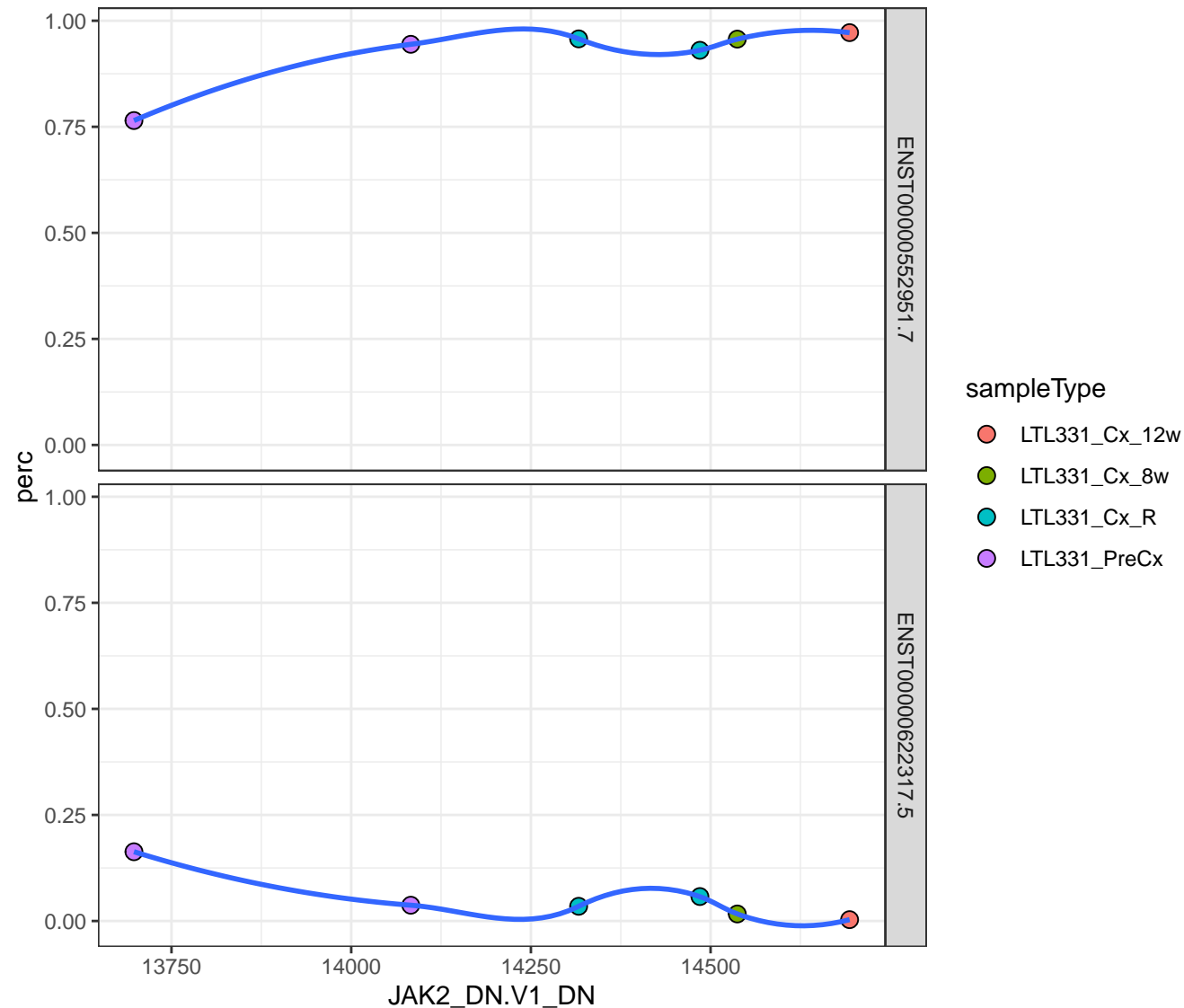
LTL_longitudinal

Gene = NOPCHAP1

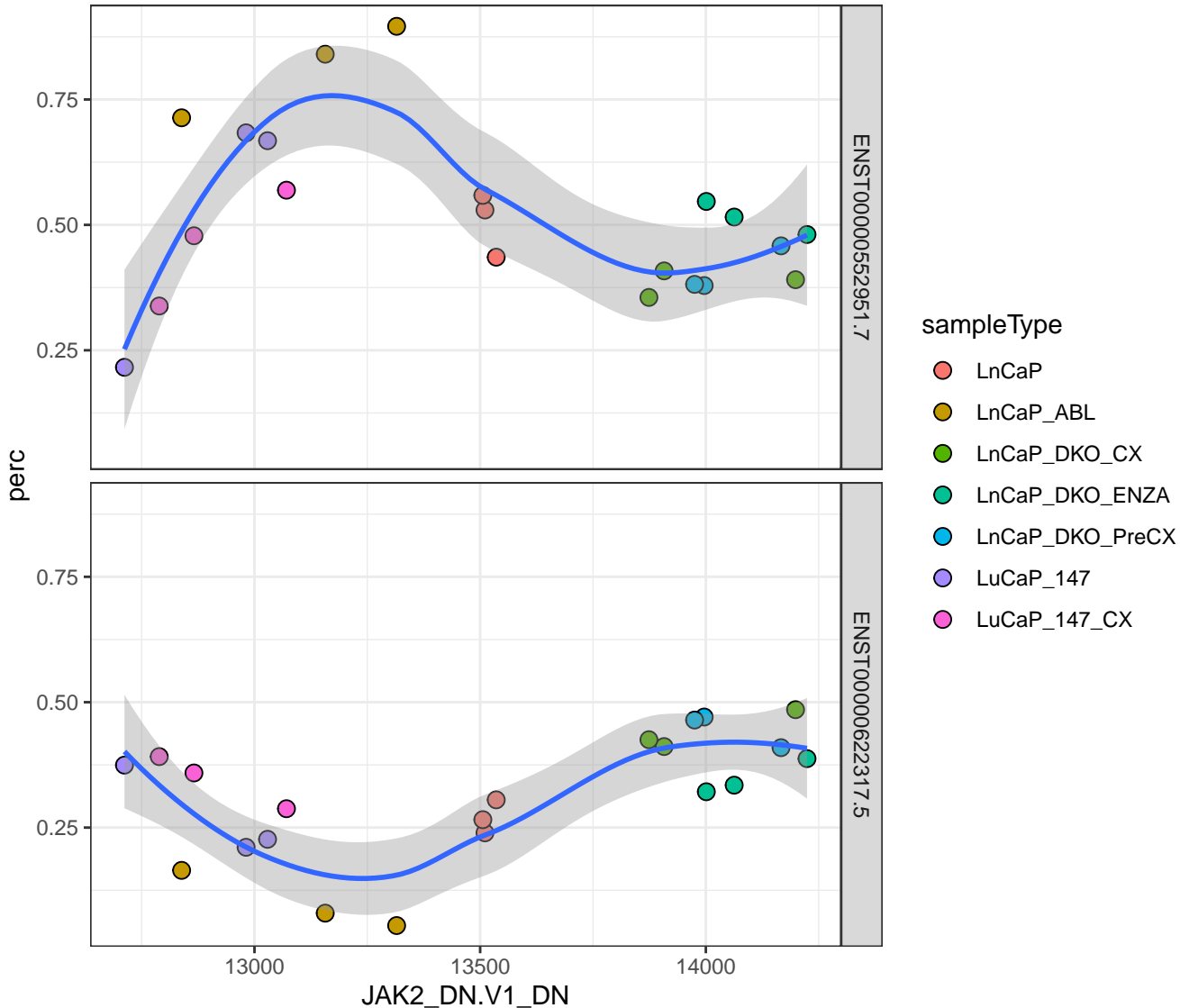
Target = JAK2_DN.V1_DN

ENST00000552951.7 (up) = 0.85141321560867

ENST00000622317.5 (down) = -0.869928468645149



PDX_longitudinal
 Gene = NOPCHAP1
 Target = JAK2_DN.V1_DN
 ENST00000552951.7 (up) = -0.269796012370067
 ENST00000622317.5 (down) = 0.529767234579456



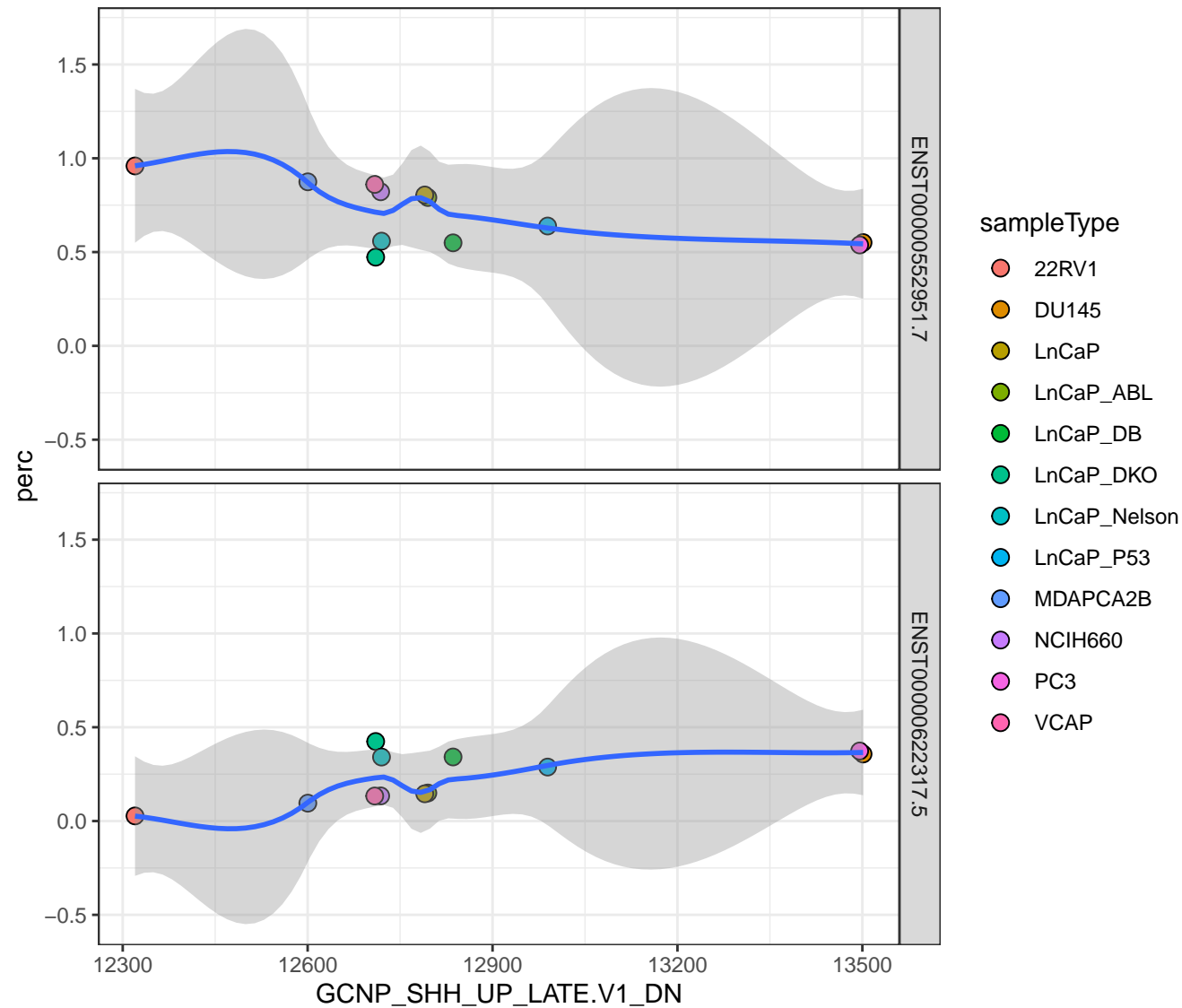
CellLine

Gene = NOPCHAP1

Target = GCNP_SHH_UP_LATE.V1_DN

ENST00000622317.5 (up) = 0.636248132312534

ENST00000552951.7 (down) = -0.622519570329548



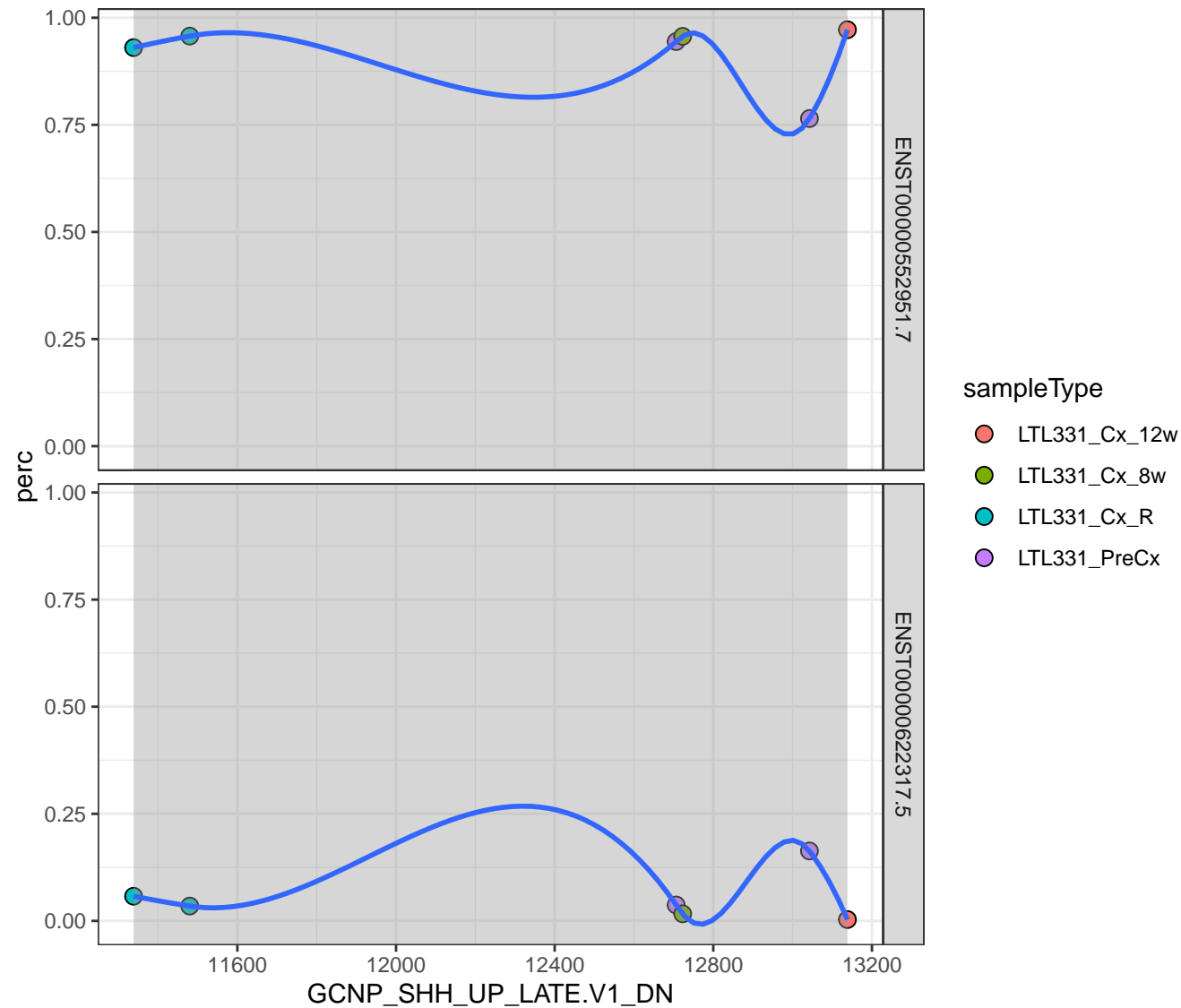
LTL_longitudinal

Gene = NOPCHAP1

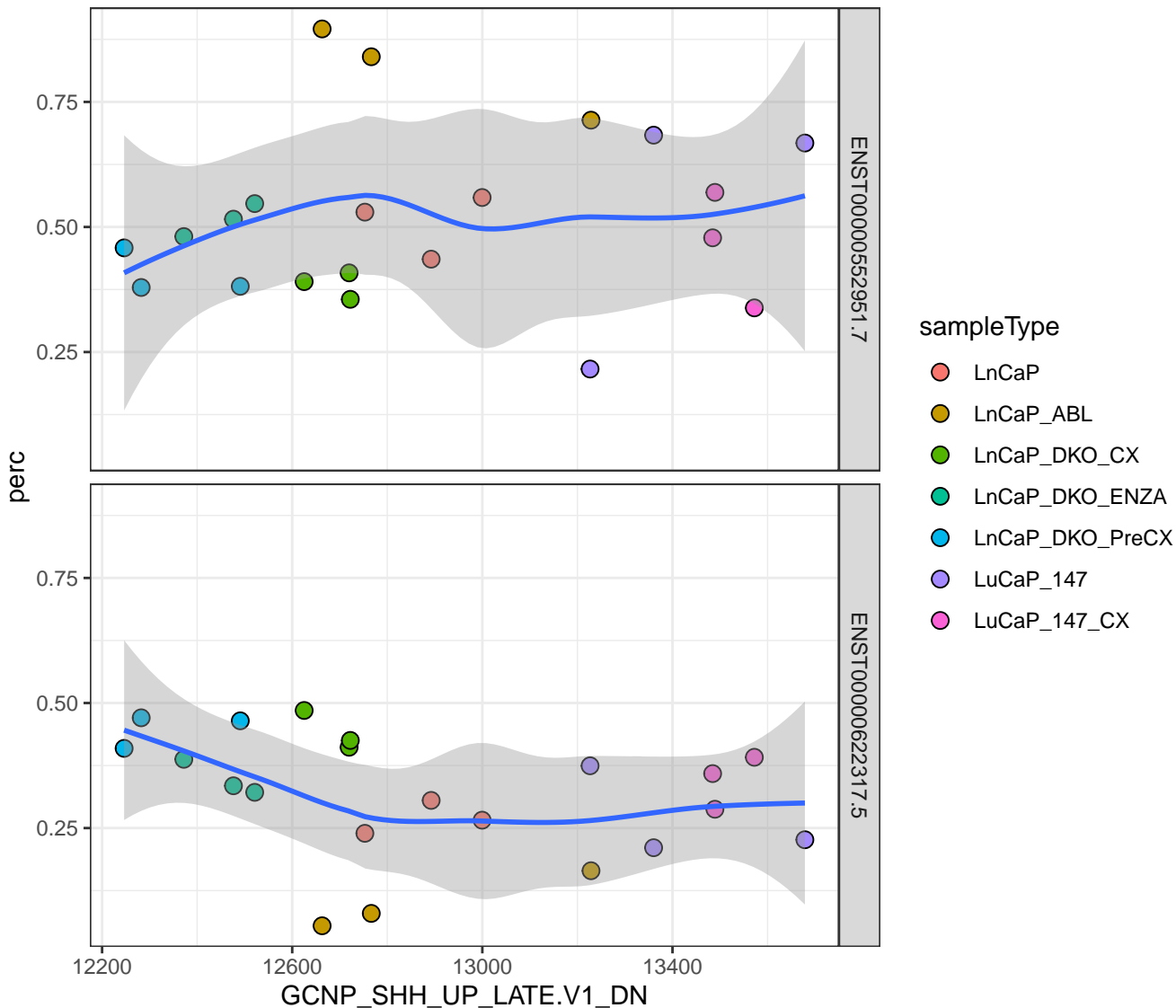
Target = GCNP_SHH_UP_LATE.V1_DN

ENST00000622317.5 (up) = 0.129353849312617

ENST00000552951.7 (down) = -0.283778309022238



PDX_longitudinal
 Gene = NOPCHAP1
 Target = GCNP_SHH_UP_LATE.V1_DN
 ENST00000622317.5 (up) = -0.30995322239491
 ENST00000552951.7 (down) = 0.125078159982741



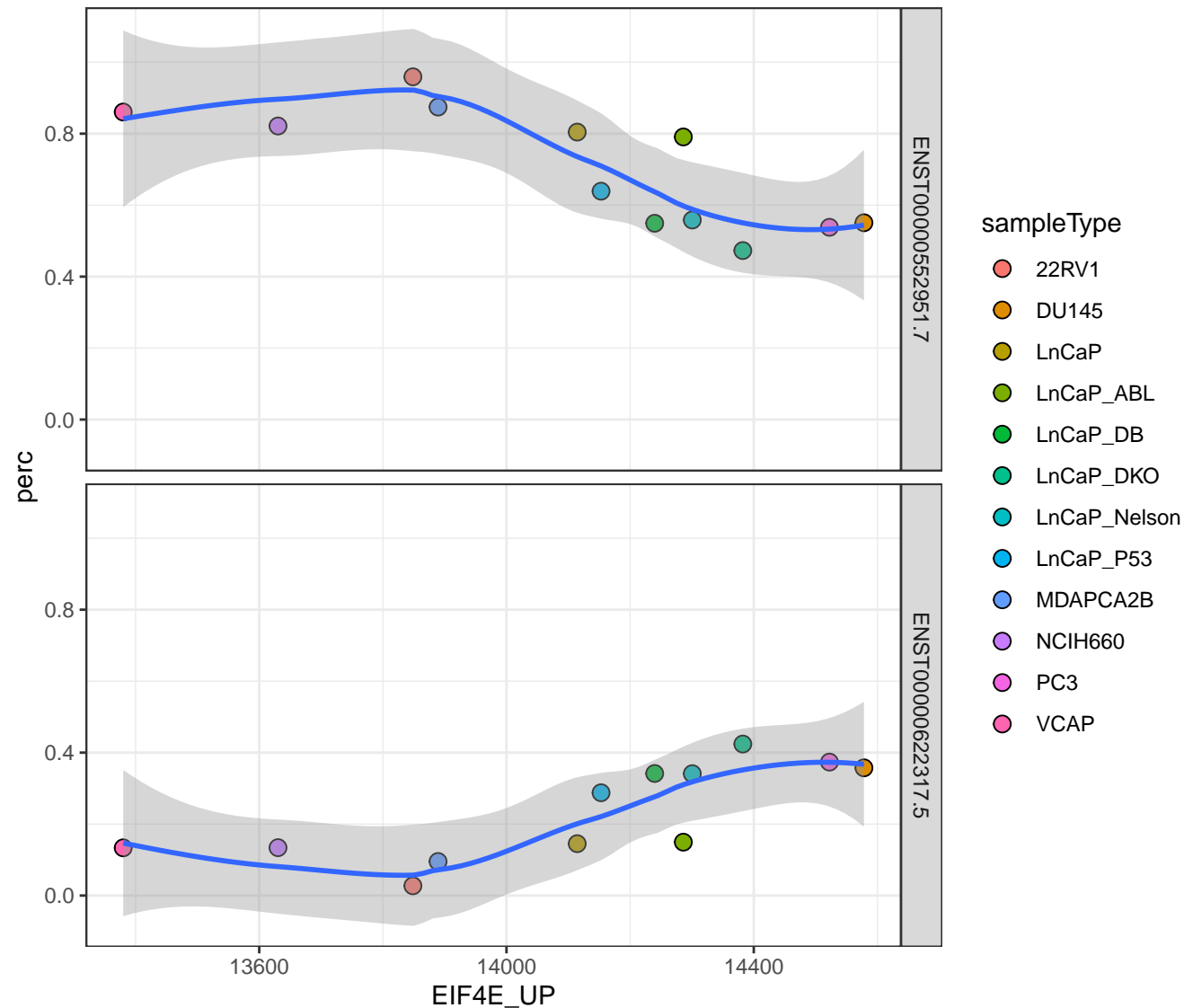
CellLine

Gene = NOPCHAP1

Target = EIF4E_UP

ENST00000622317.5 (up) = 0.74924226910527

ENST00000552951.7 (down) = -0.778377621863399



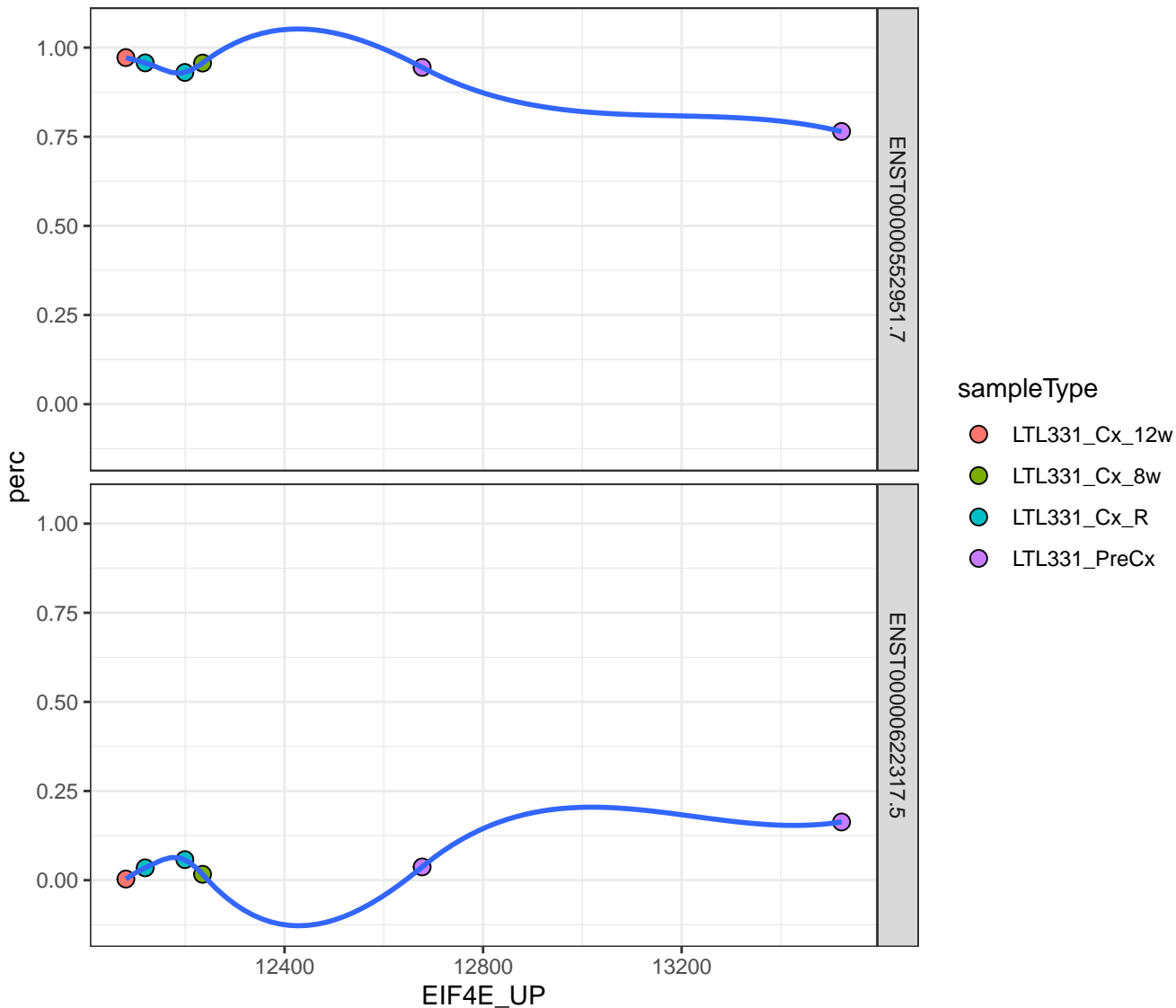
LTL_longitudinal

Gene = NOPCHAP1

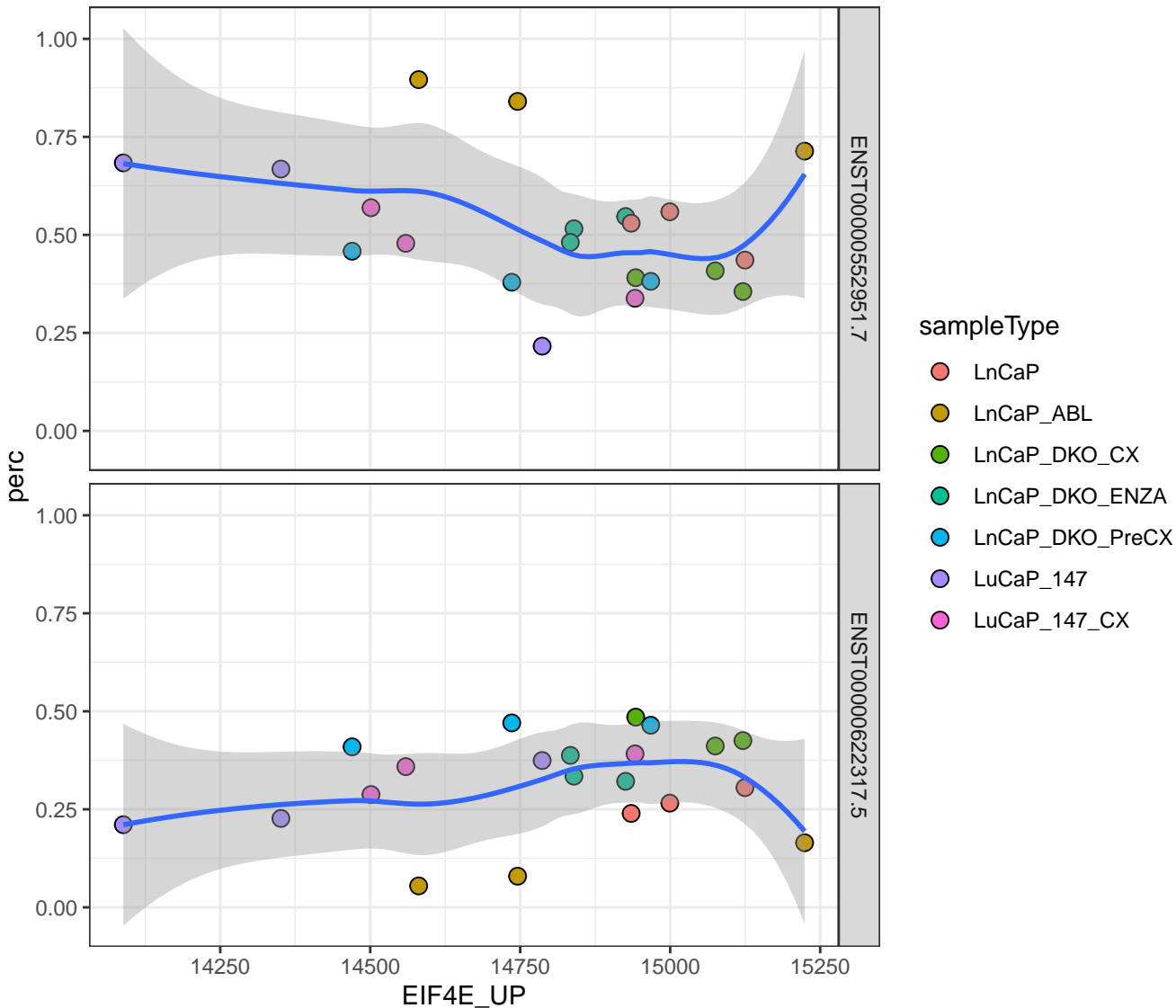
Target = EIF4E_UP

ENST00000622317.5 (up) = 0.90949033708039

ENST00000552951.7 (down) = -0.93678519760629



PDX_longitudinal
Gene = NOPCHAP1
Target = EIF4E_UP
ENST00000622317.5 (up) = 0.257470011869658
ENST00000552951.7 (down) = -0.352305920536994



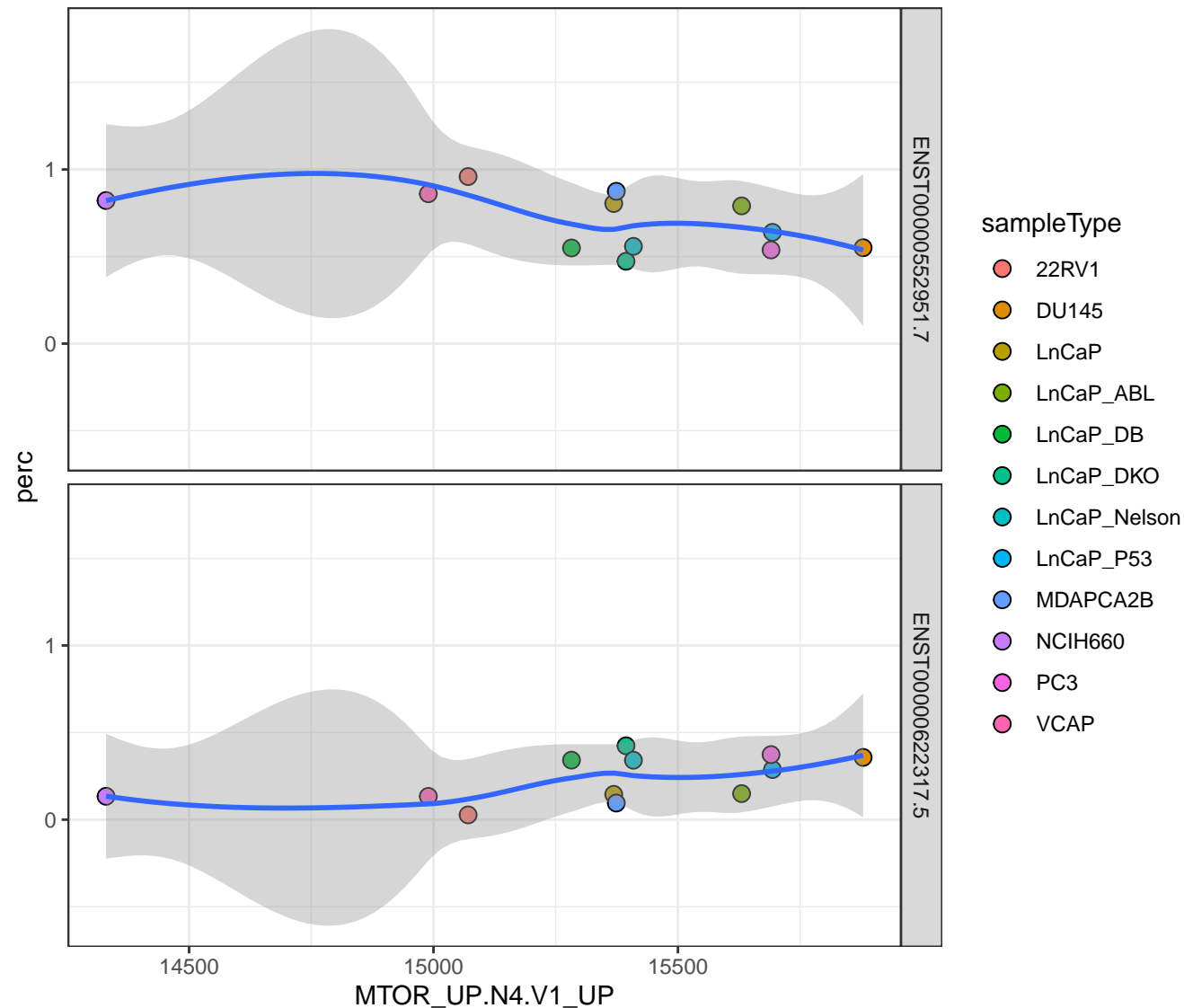
CellLine

Gene = NOPCHAP1

Target = MTOR_UP.N4.V1_UP

ENST00000622317.5 (up) = 0.510648730187374

ENST00000552951.7 (down) = -0.514214430261314



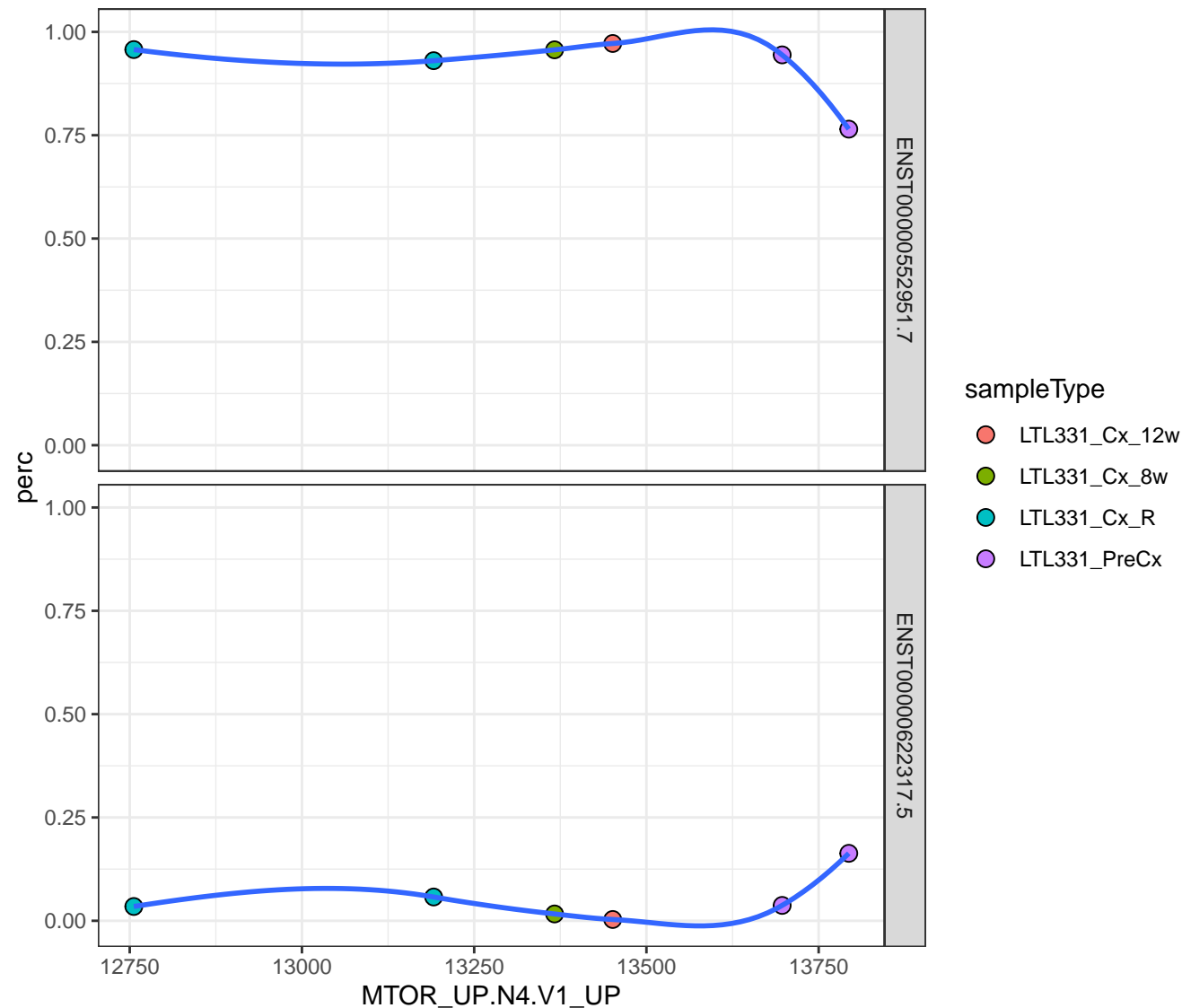
LTL_longitudinal

Gene = NOPCHAP1

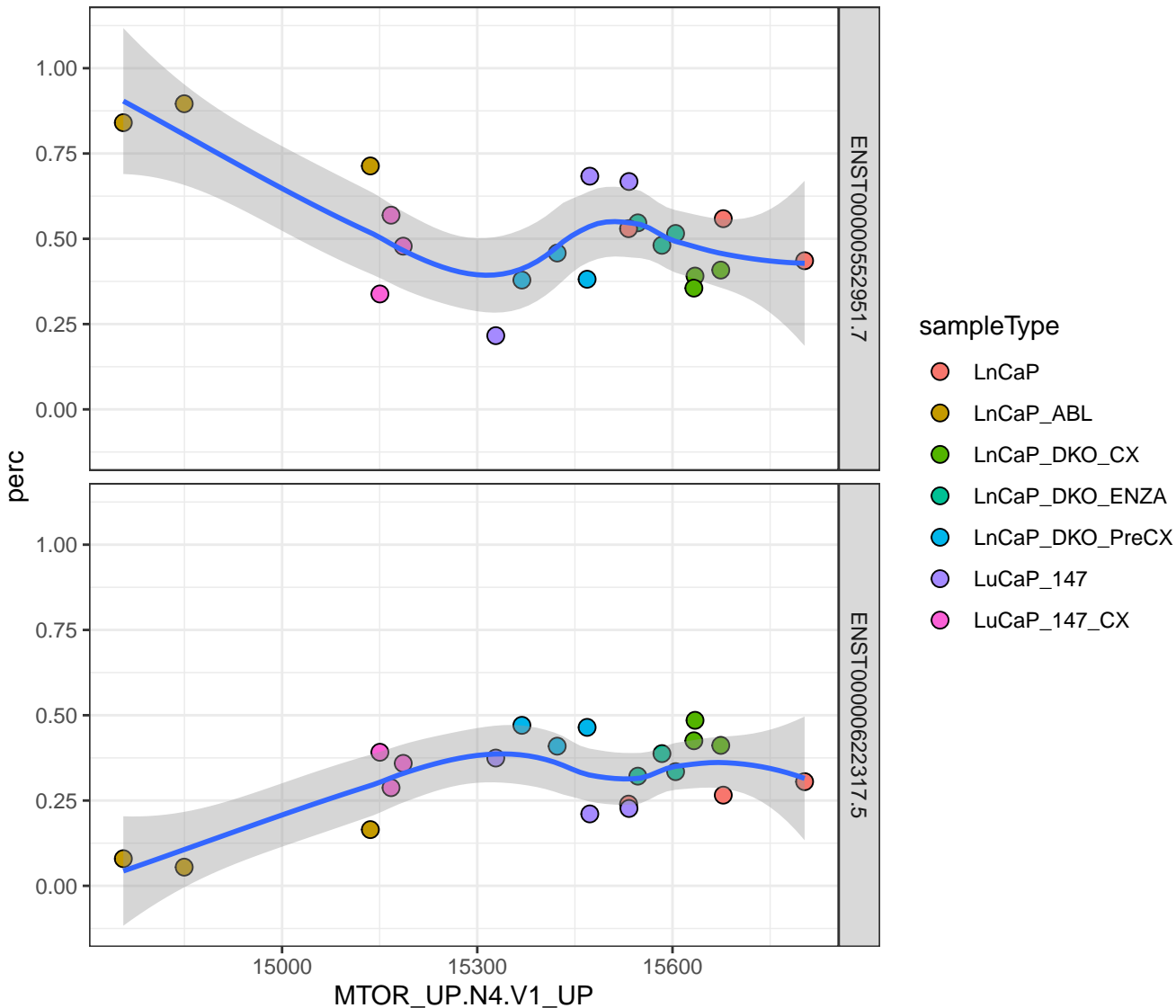
Target = MTOR_UP.N4.V1_UP

ENST00000622317.5 (up) = 0.446139898305638

ENST00000552951.7 (down) = -0.538391388480028



PDX_longitudinal
Gene = NOPCHAP1
Target = MTOR_UP.N4.V1_UP
ENST00000622317.5 (up) = 0.564379481049295
ENST00000552951.7 (down) = -0.536526474814355



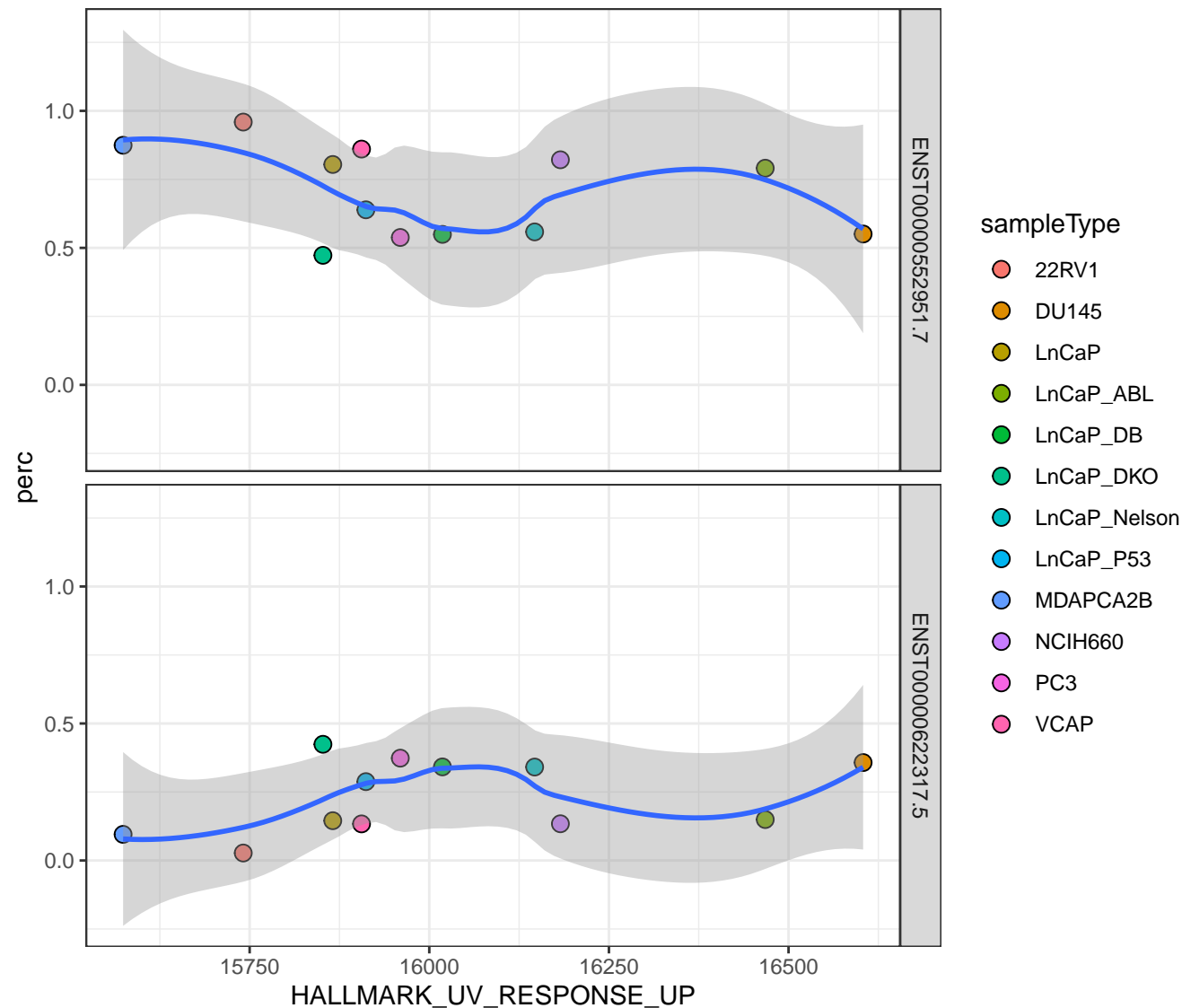
CellLine

Gene = NOPCHAP1

Target = HALLMARK_UV_RESPONSE_UP

ENST00000622317.5 (up) = 0.304119701989685

ENST00000552951.7 (down) = -0.326303940667086



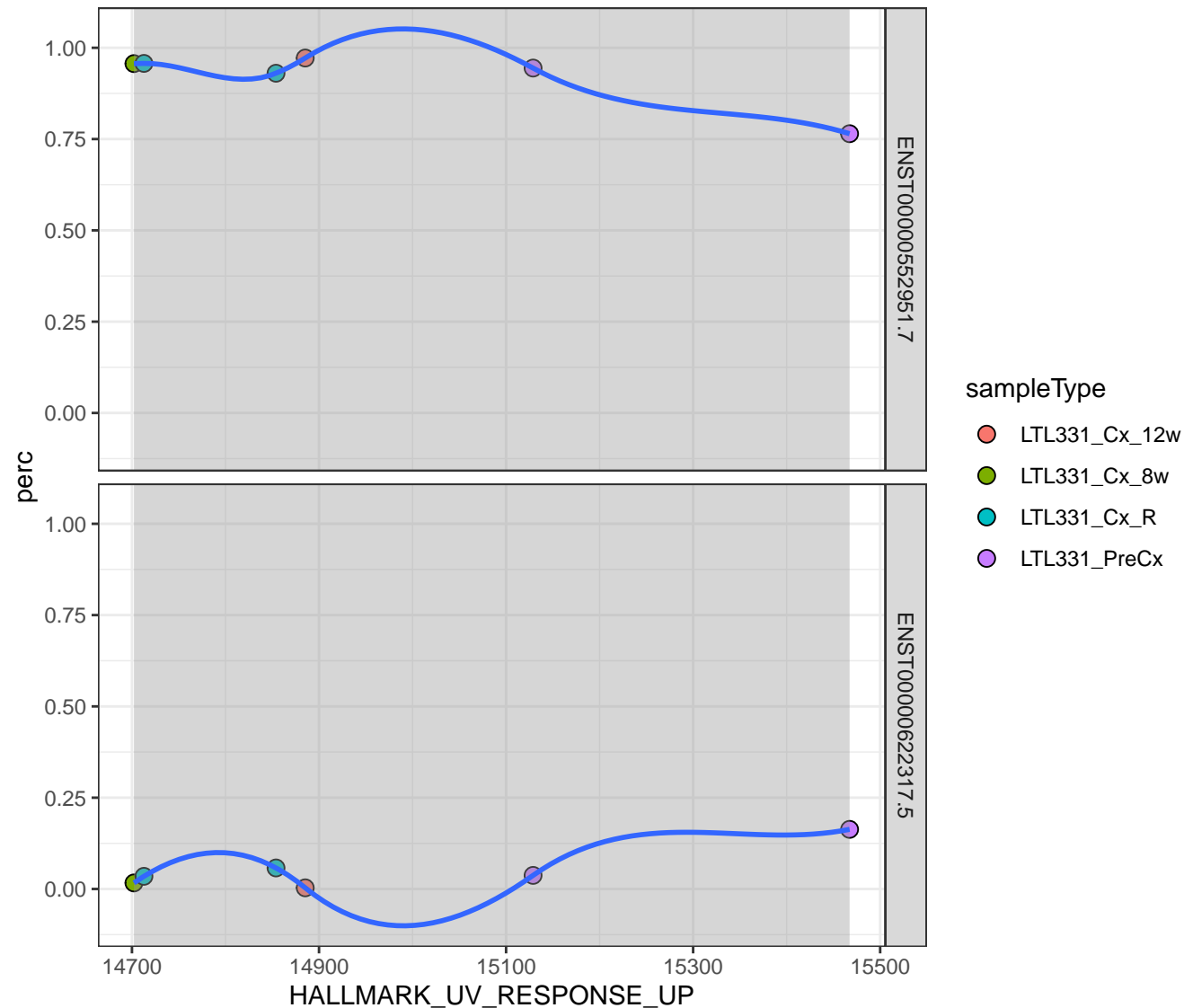
LTL_longitudinal

Gene = NOPCHAP1

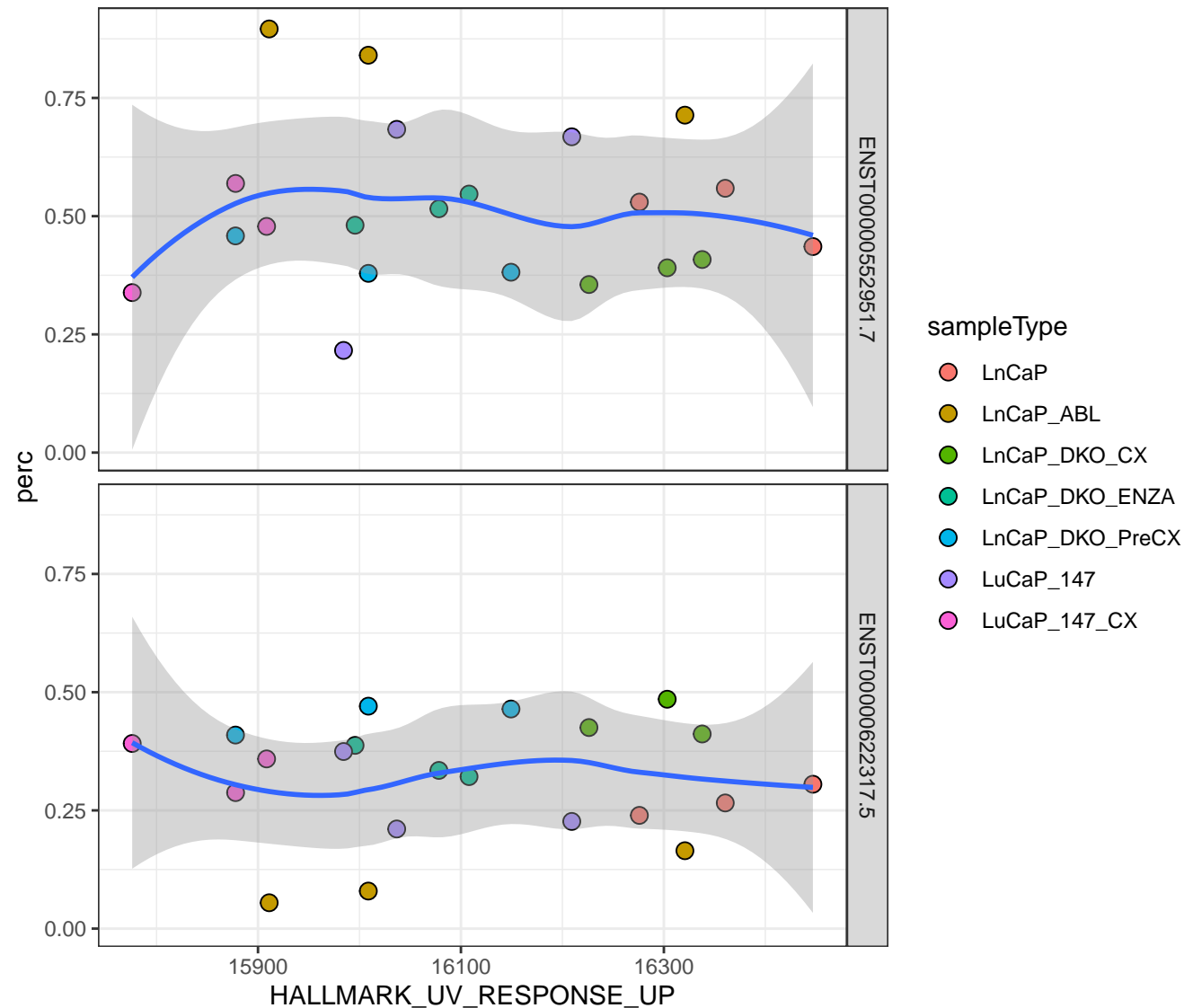
Target = HALLMARK_UV_RESPONSE_UP

ENST00000622317.5 (up) = 0.834076804089033

ENST00000552951.7 (down) = -0.861438914680929



PDX_longitudinal
 Gene = NOPCHAP1
 Target = HALLMARK_UV_RESPONSE_UP
 ENST00000622317.5 (up) = 0.0141061831232131
 ENST00000552951.7 (down) = -0.0425094218997432



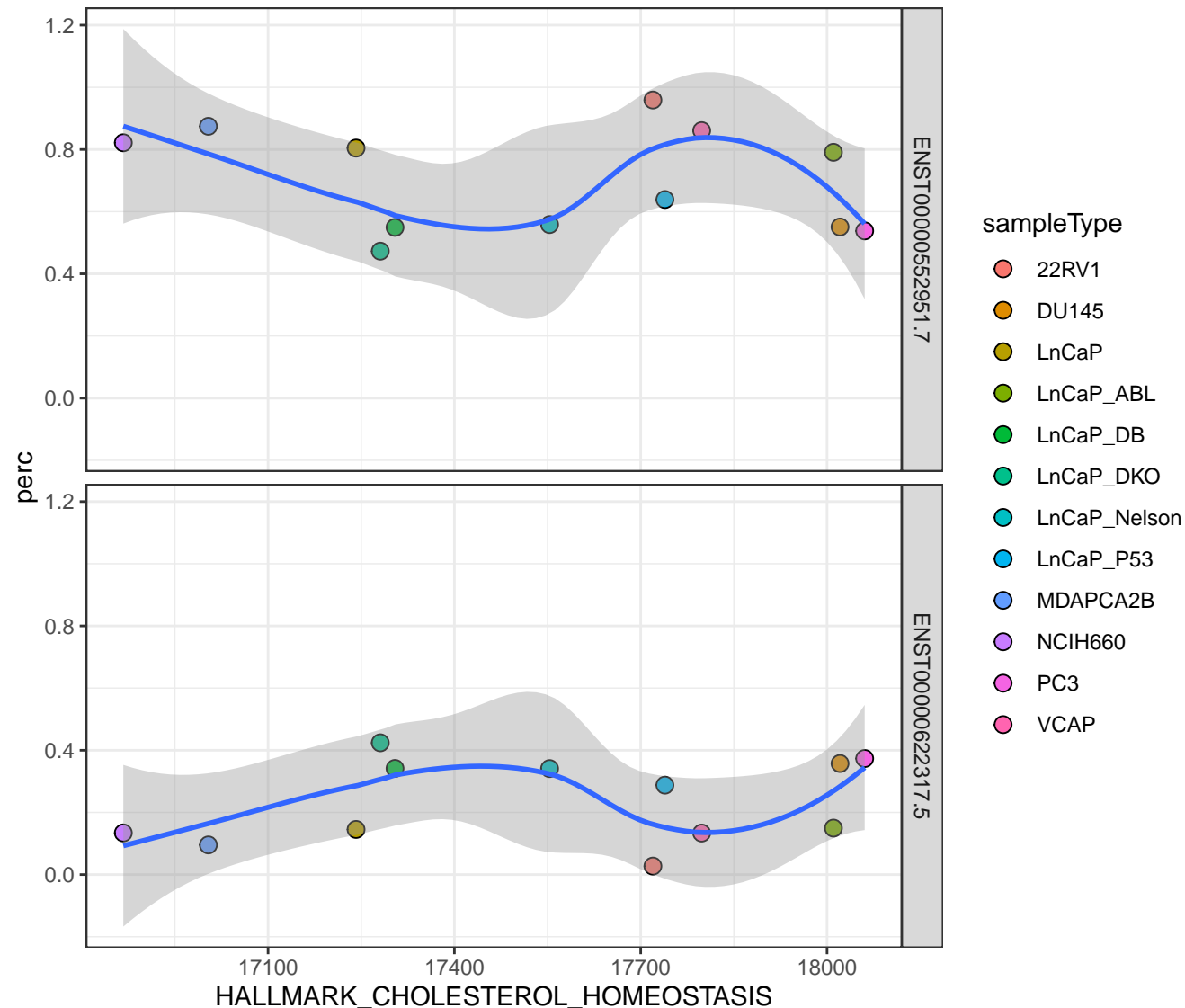
CellLine

Gene = NOPCHAP1

Target = HALLMARK_CHOLESTEROL_HOMEOSTASIS

ENST00000622317.5 (up) = 0.227233230284274

ENST00000552951.7 (down) = -0.204350092970209



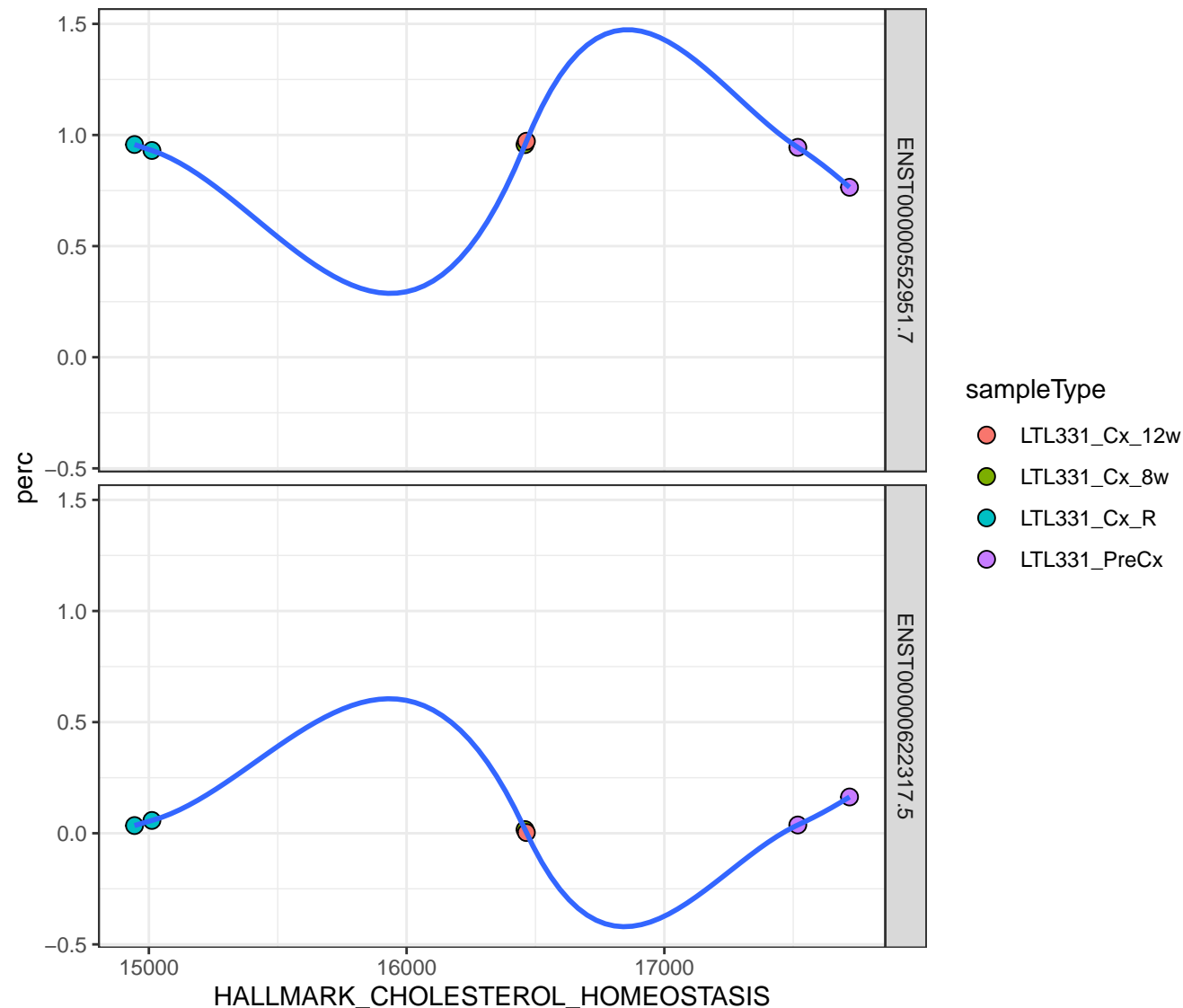
LTL_longitudinal

Gene = NOPCHAP1

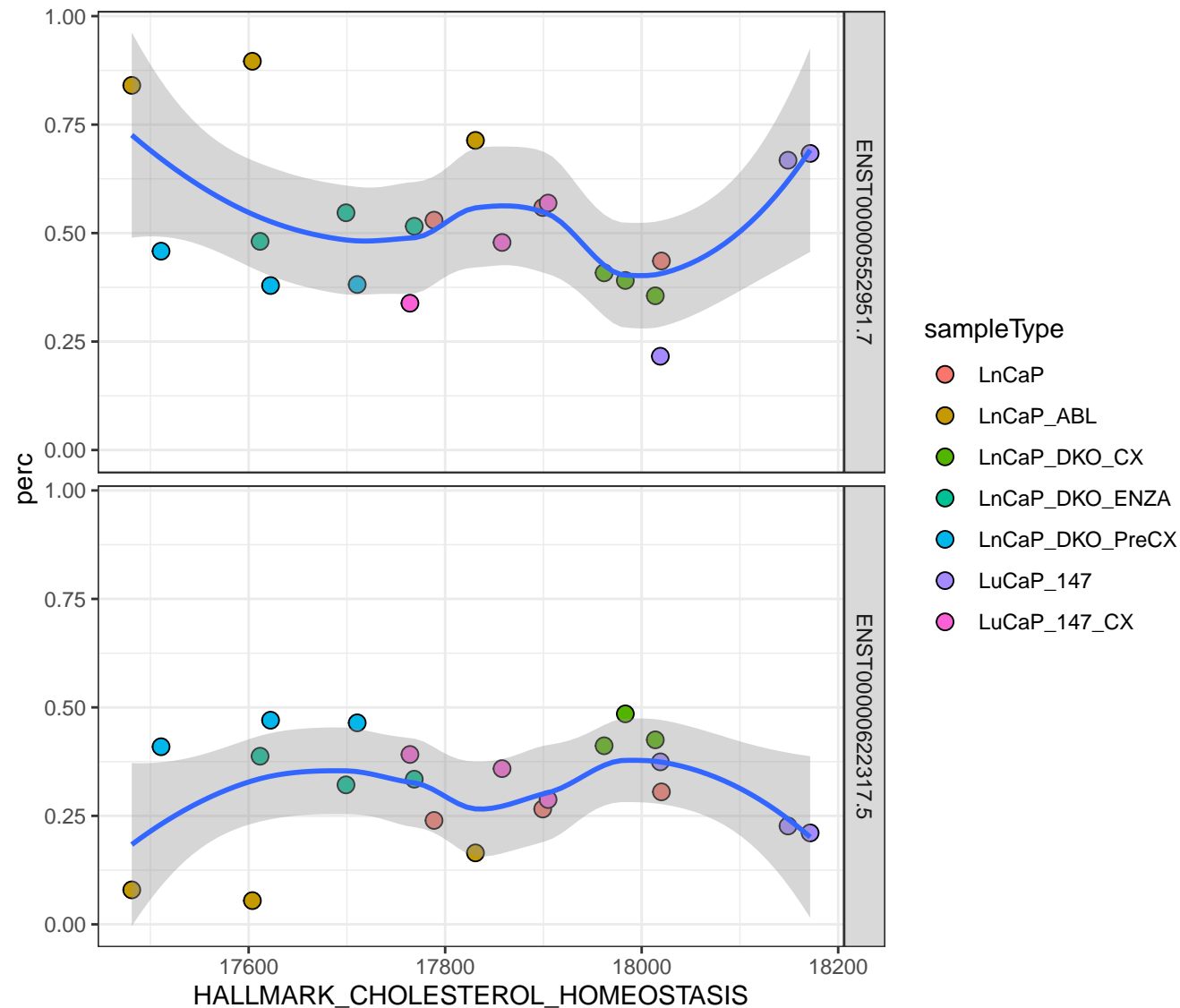
Target = HALLMARK_CHOLESTEROL_HOMEOSTASIS

ENST00000622317.5 (up) = 0.417193853662553

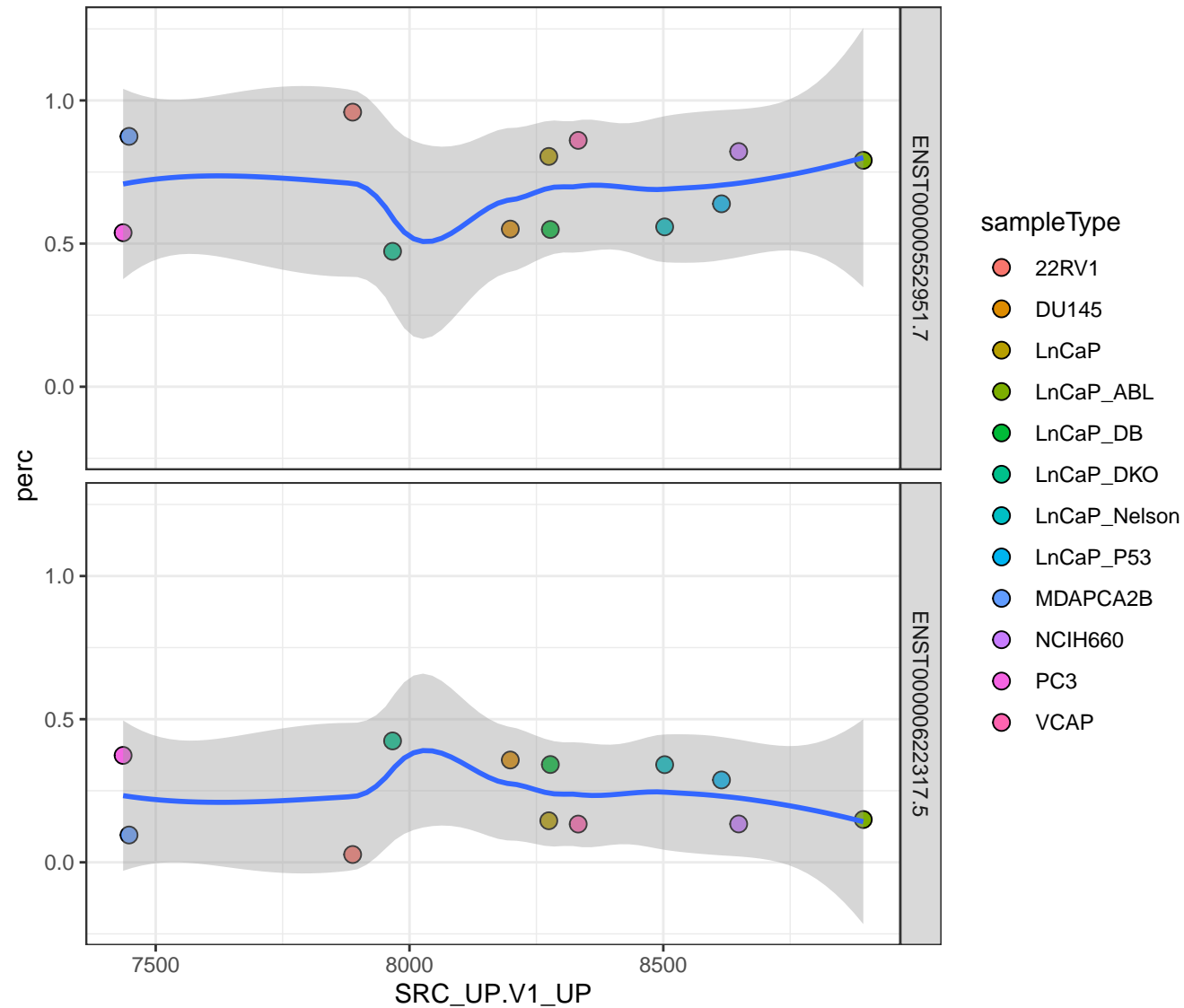
ENST00000552951.7 (down) = -0.520840858137357



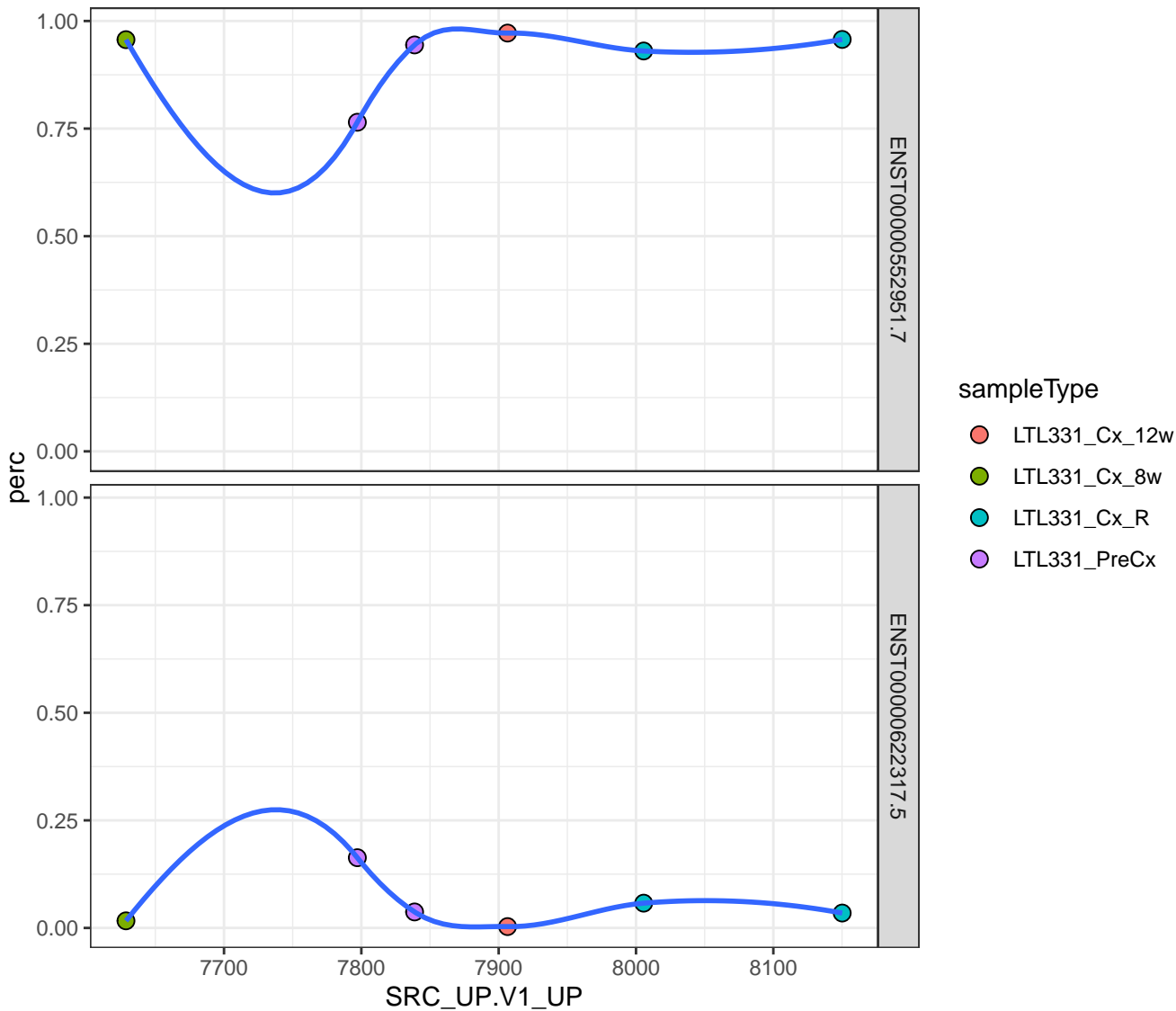
ENST00000552951.7 (down) = -0.216473365543868



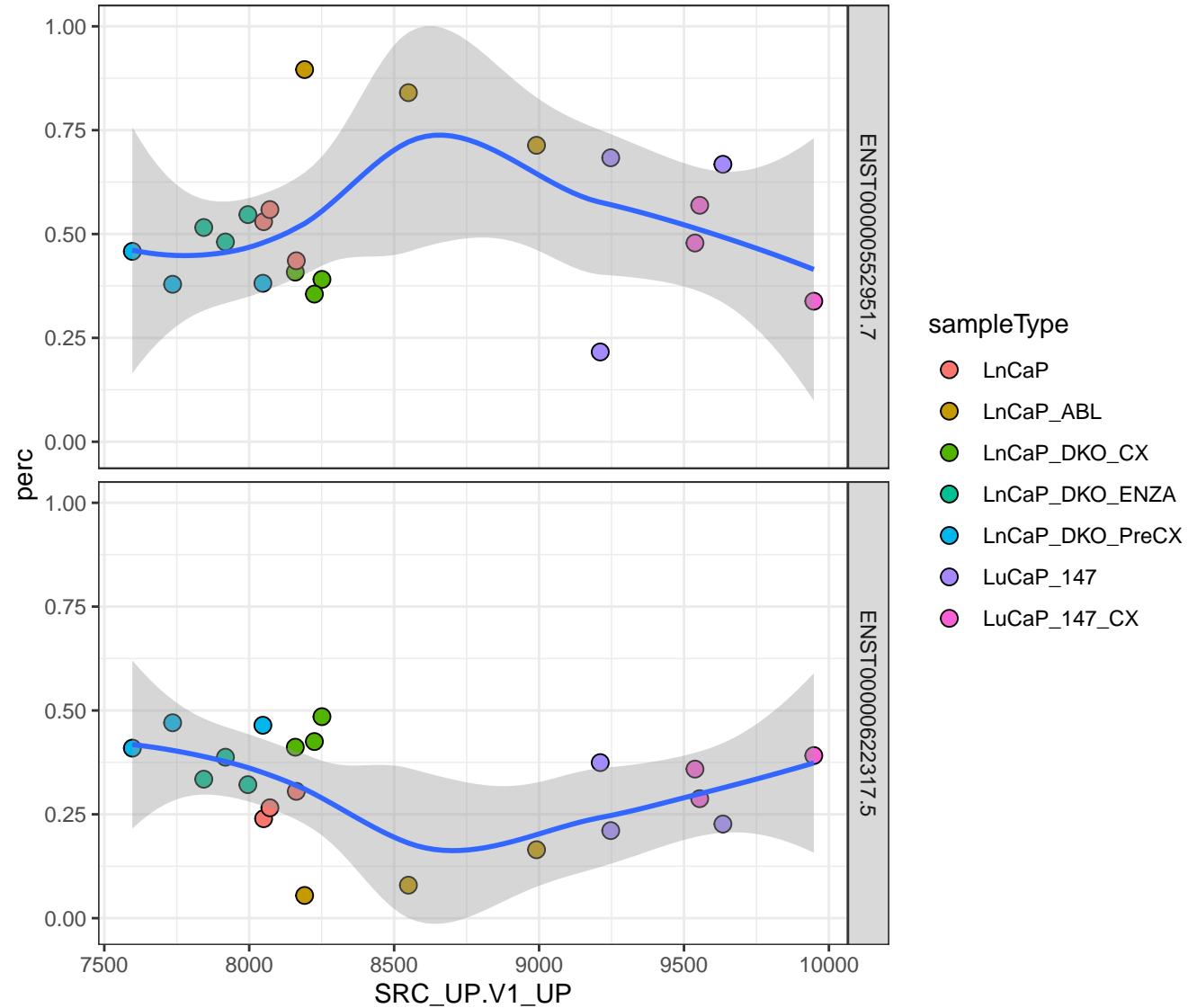
CellLine
 Gene = NOPCHAP1
 Target = SRC_UP.V1_UP
 ENST00000622317.5 (up) = -0.0642405728201111
 ENST00000552951.7 (down) = 0.0377992311750596



LTL_longitudinal
 Gene = NOPCHAP1
 Target = SRC_UP.V1_UP
 ENST00000622317.5 (up) = -0.0964567374131289
 ENST00000552951.7 (down) = 0.219874963038356



PDX_longitudinal
Gene = NOPCHAP1
Target = SRC_UP.V1_UP
ENST00000622317.5 (up) = -0.223670627034703
ENST00000552951.7 (down) = 0.0728636872761816



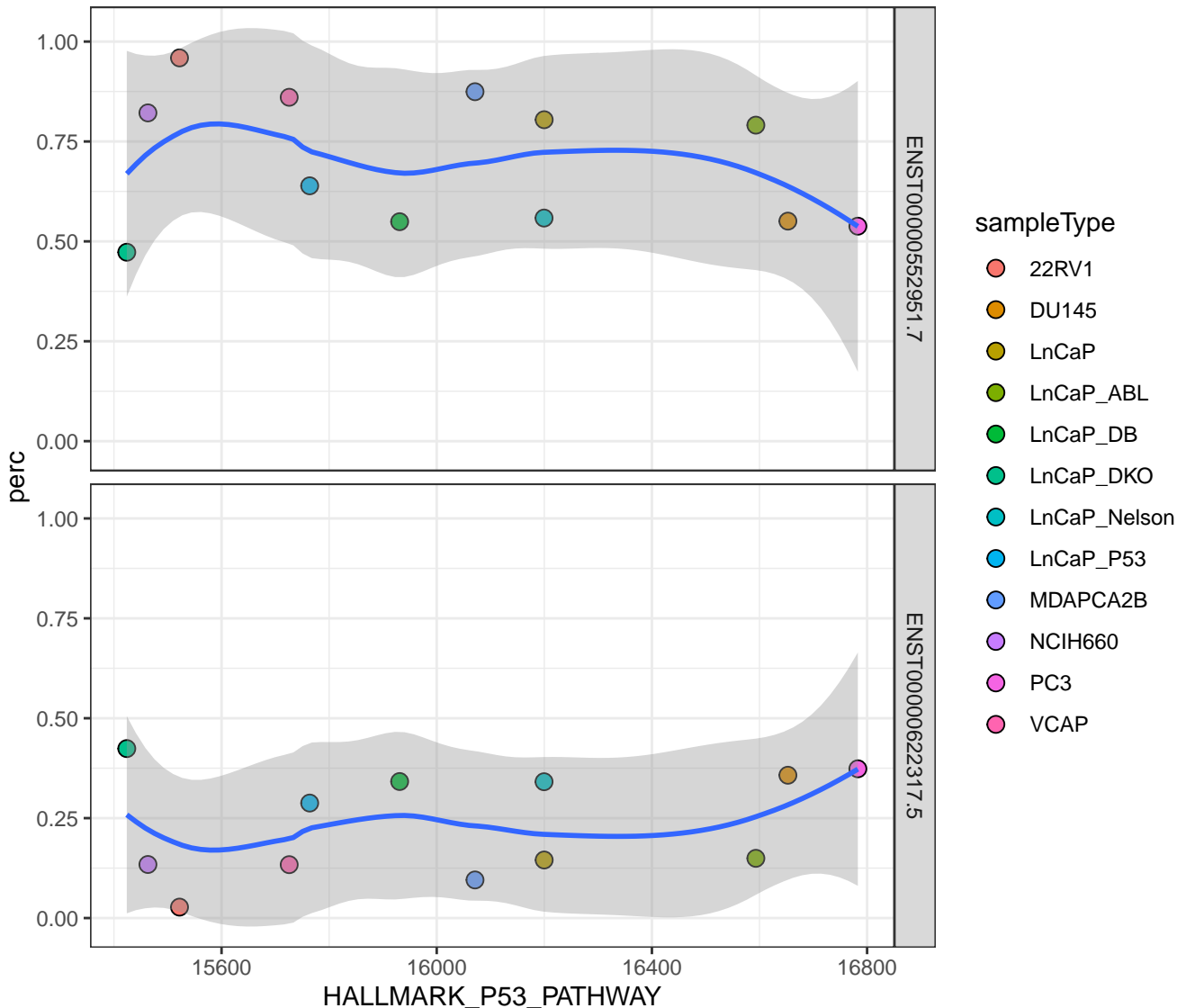
CellLine

Gene = NOPCHAP1

Target = HALLMARK_P53_PATHWAY

ENST00000622317.5 (up) = 0.266542777834118

ENST00000552951.7 (down) = -0.282039346393245



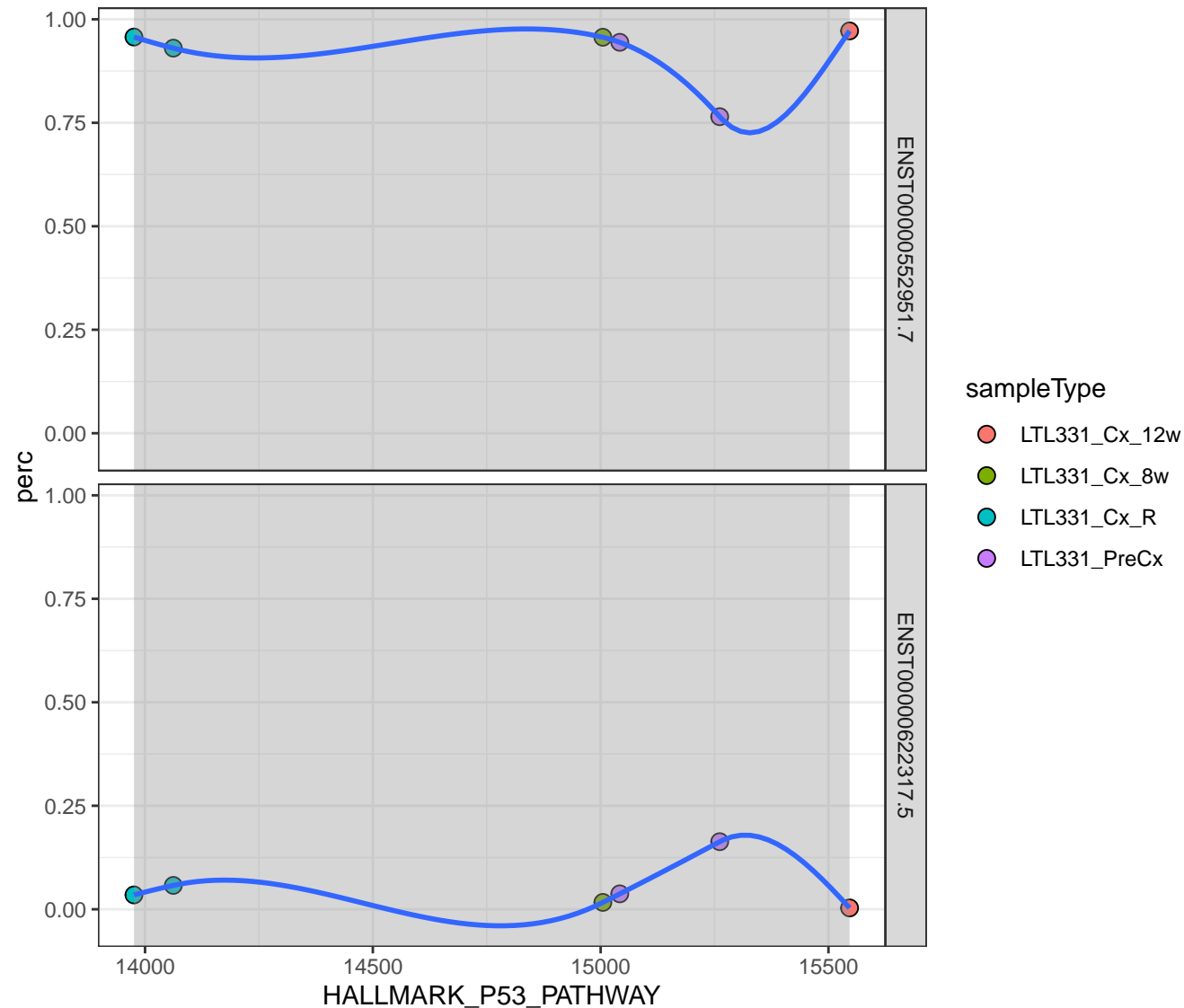
LTL_longitudinal

Gene = NOPCHAP1

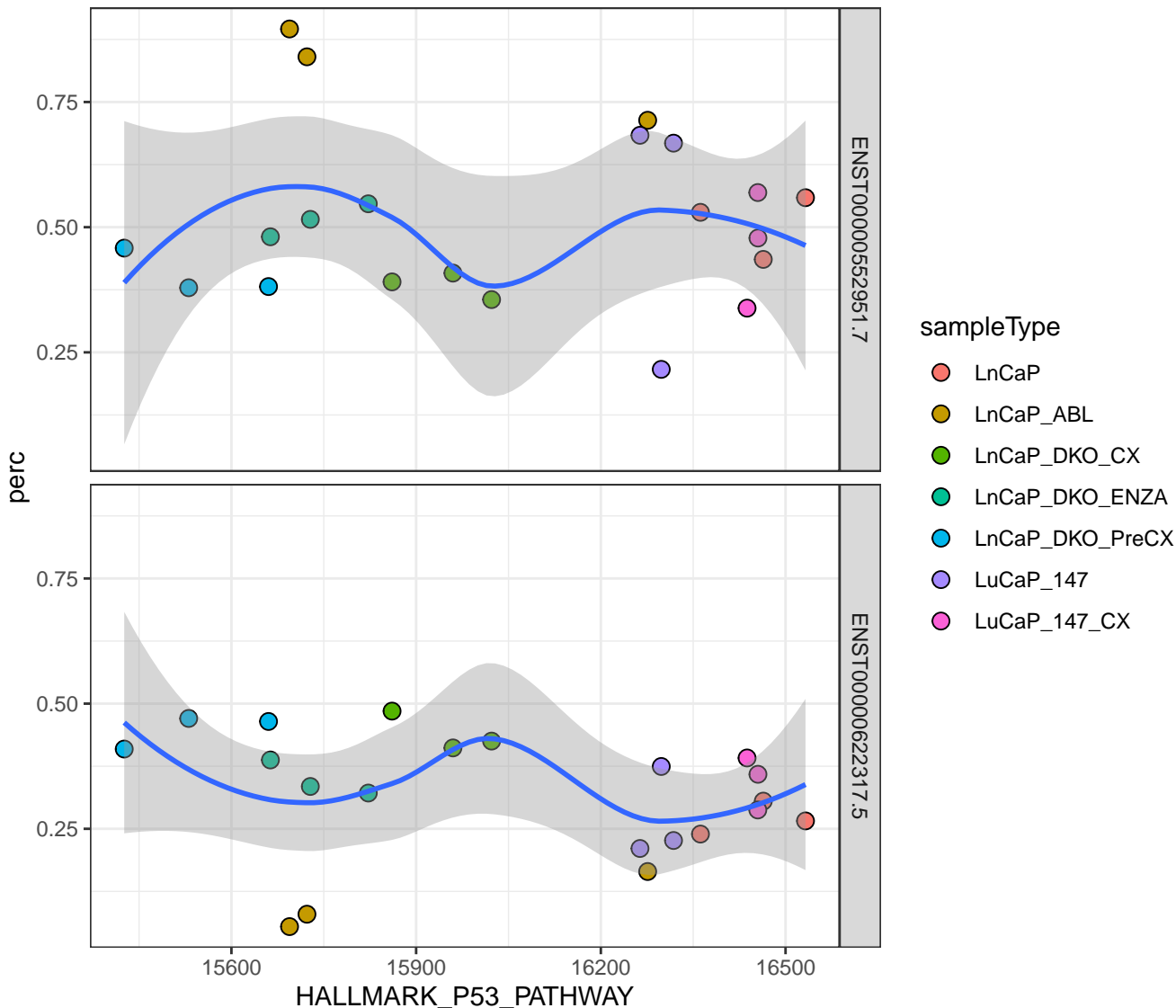
Target = HALLMARK_P53_PATHWAY

ENST00000622317.5 (up) = 0.0761693277445701

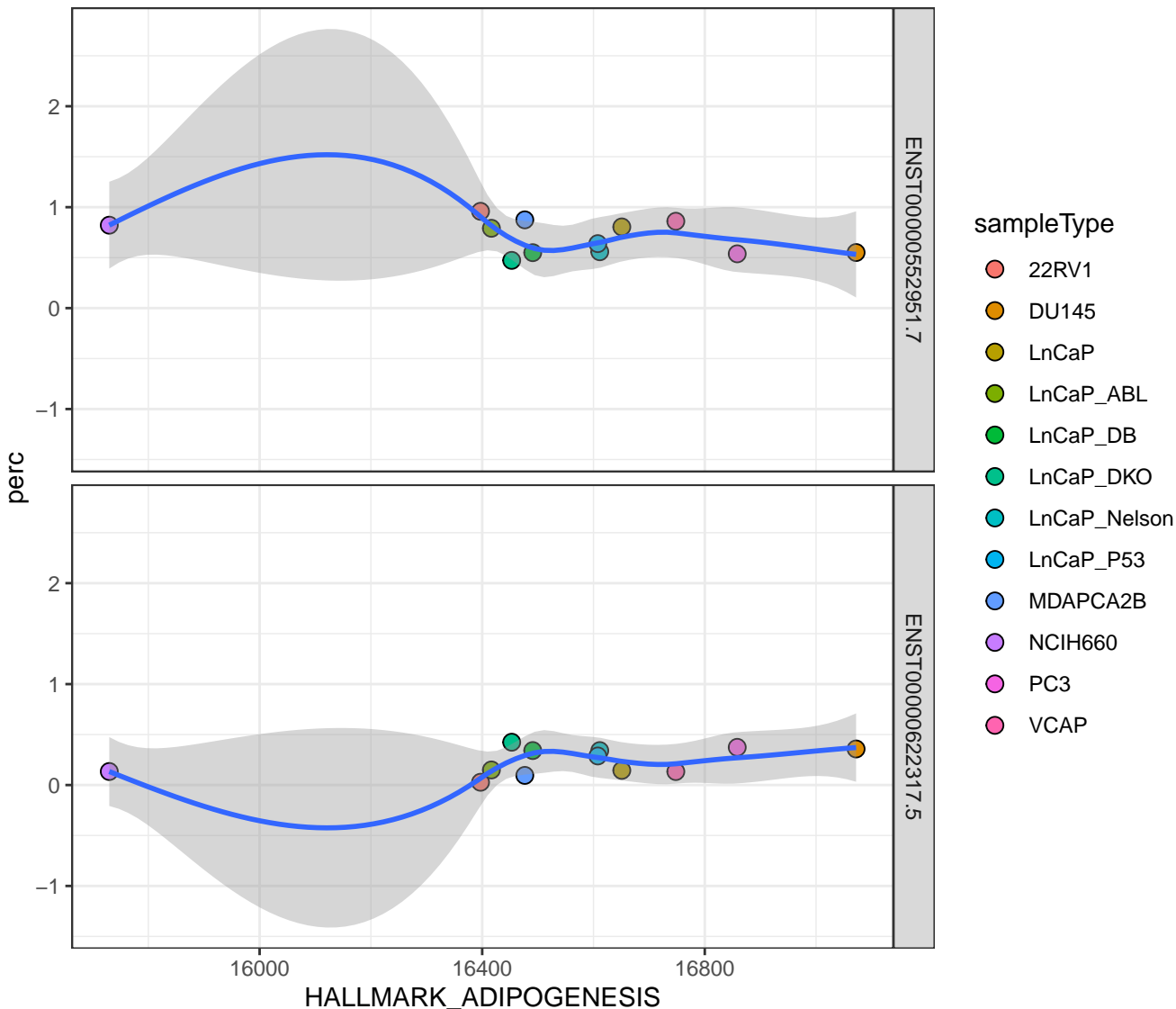
ENST00000552951.7 (down) = -0.229686950992998



PDX_longitudinal
 Gene = NOPCHAP1
 Target = HALLMARK_P53_PATHWAY
 ENST00000622317.5 (up) = -0.213770725557526
 ENST00000552951.7 (down) = -0.0502800968112995



CellLine
 Gene = NOPCHAP1
 Target = HALLMARK_ADIPOGENESIS
 ENST00000622317.5 (up) = 0.419573147164392
 ENST00000552951.7 (down) = -0.389684549294756



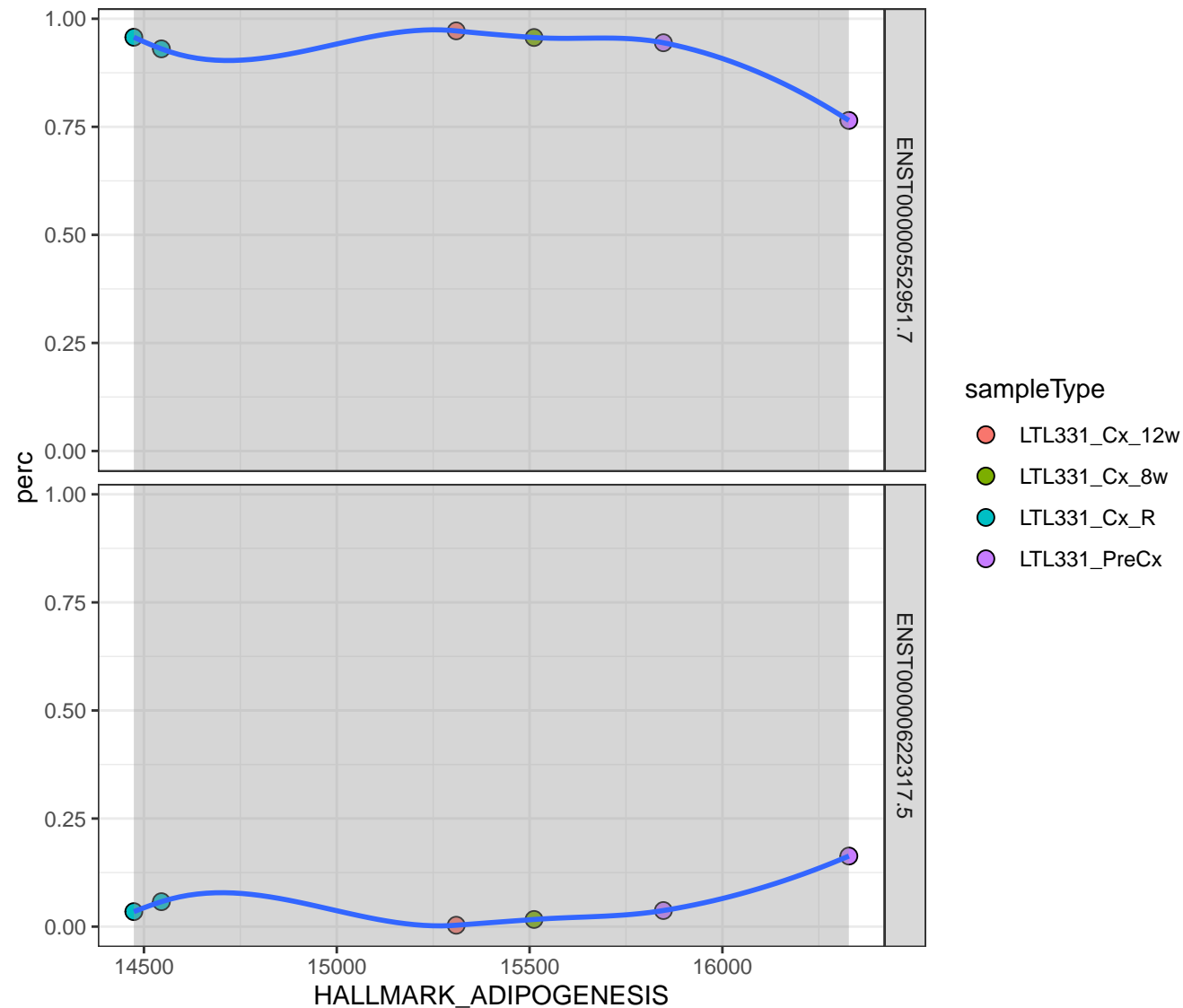
LTL_longitudinal

Gene = NOPCHAP1

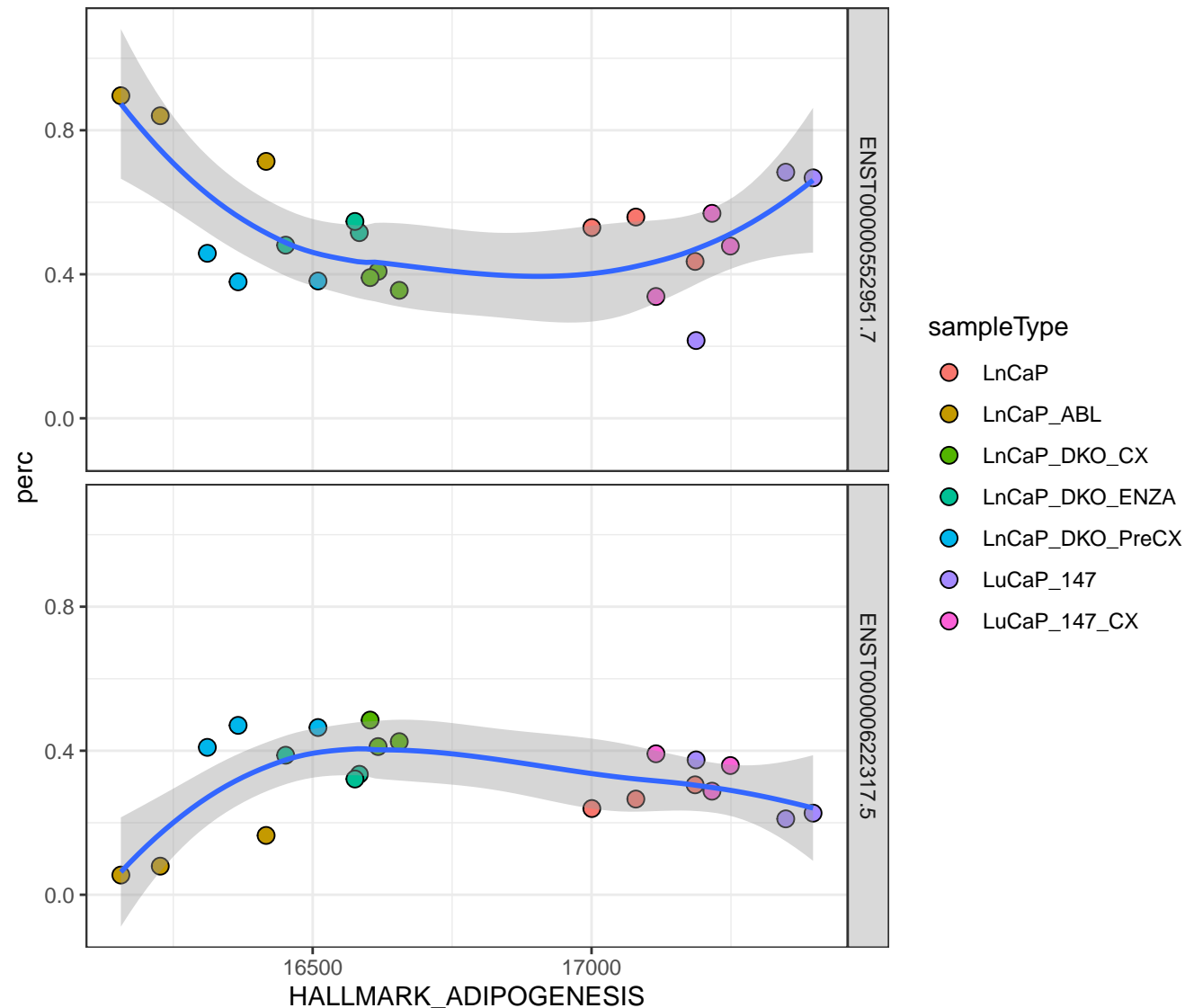
Target = HALLMARK_ADIPOGENESIS

ENST00000622317.5 (up) = 0.517662386240785

ENST00000552951.7 (down) = -0.624807580243569



PDX_longitudinal
 Gene = NOPCHAP1
 Target = HALLMARK_ADIPOGENESIS
 ENST00000622317.5 (up) = 0.0201036028432354
 ENST00000552951.7 (down) = -0.225872366383627



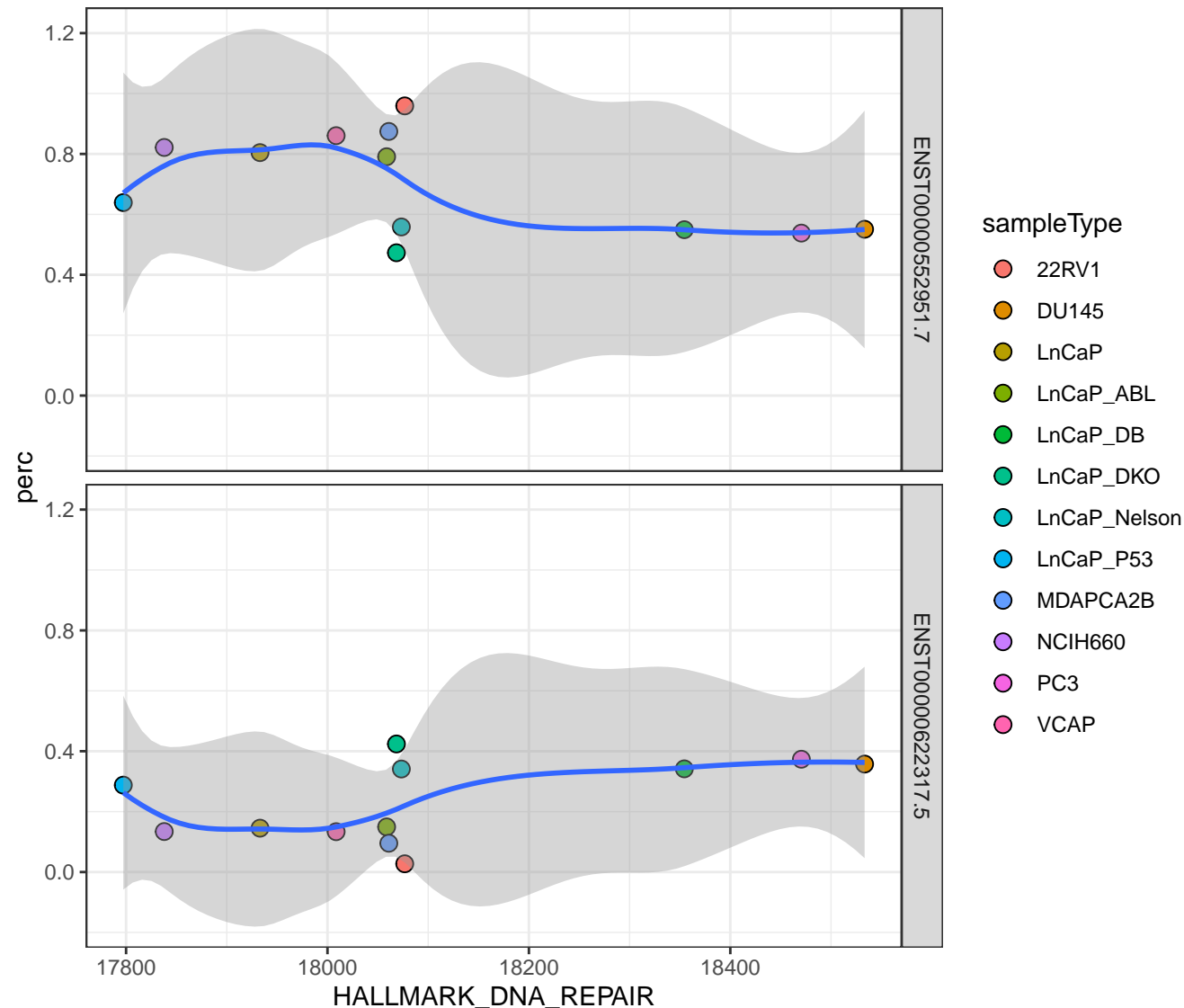
CellLine

Gene = NOPCHAP1

Target = HALLMARK_DNA_REPAIR

ENST00000622317.5 (up) = 0.50607501255064

ENST00000552951.7 (down) = -0.50560578035948



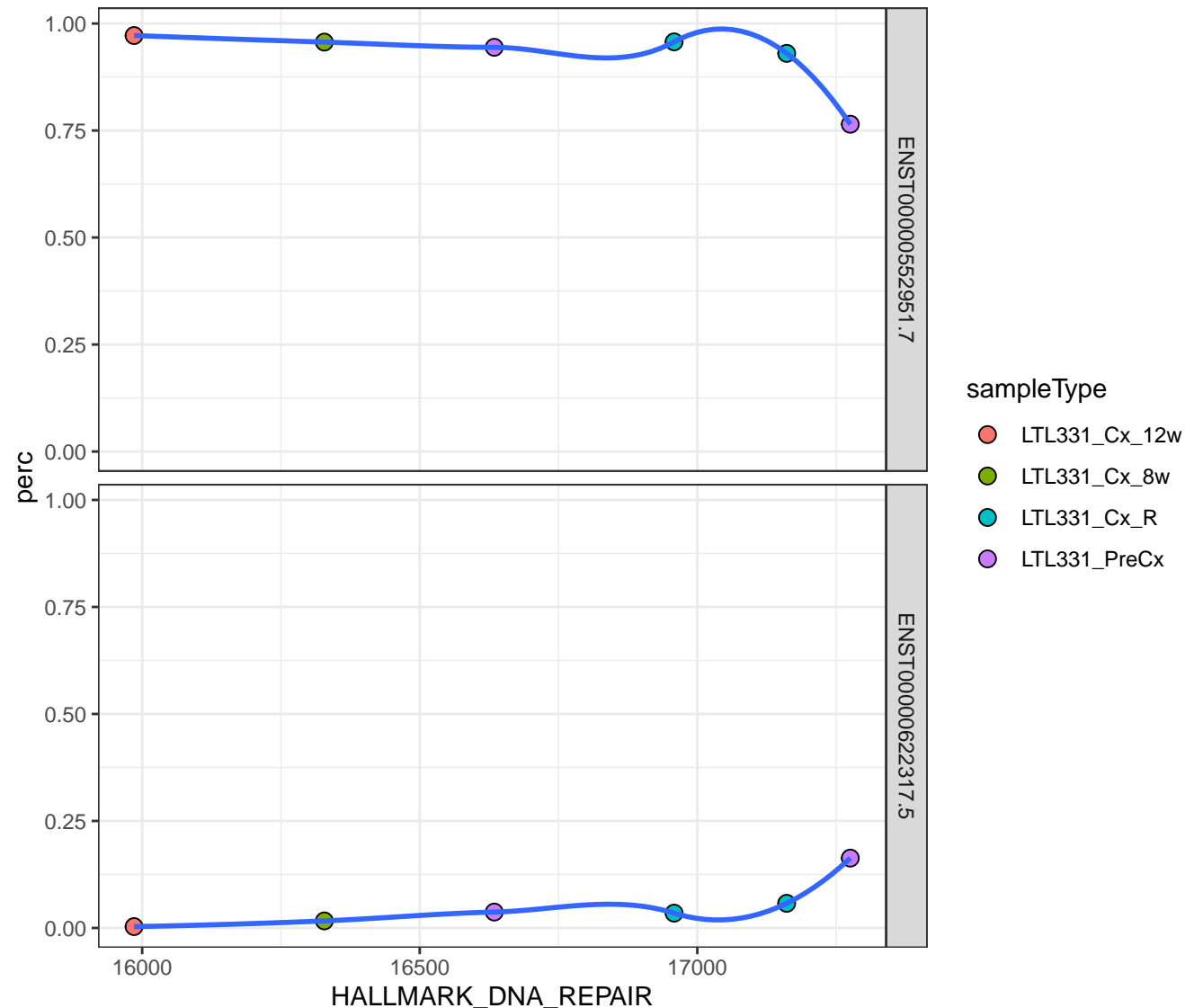
LTL_longitudinal

Gene = NOPCHAP1

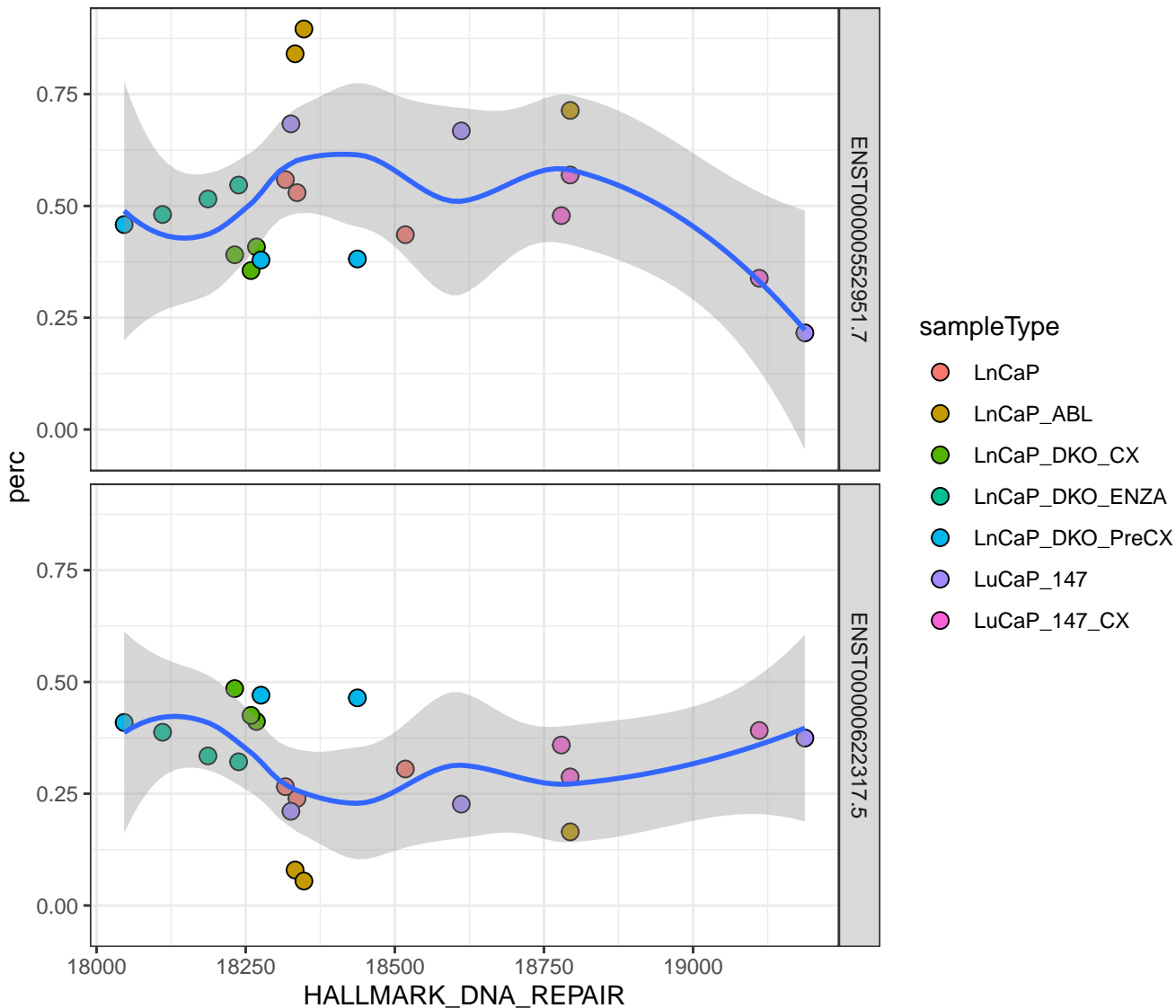
Target = HALLMARK_DNA_REPAIR

ENST00000622317.5 (up) = 0.769371773536922

ENST00000552951.7 (down) = -0.653158240994402



PDX_longitudinal
 Gene = NOPCHAP1
 Target = HALLMARK_DNA_REPAIR
 ENST00000622317.5 (up) = -0.0772450315549626
 ENST00000552951.7 (down) = -0.20658655575798



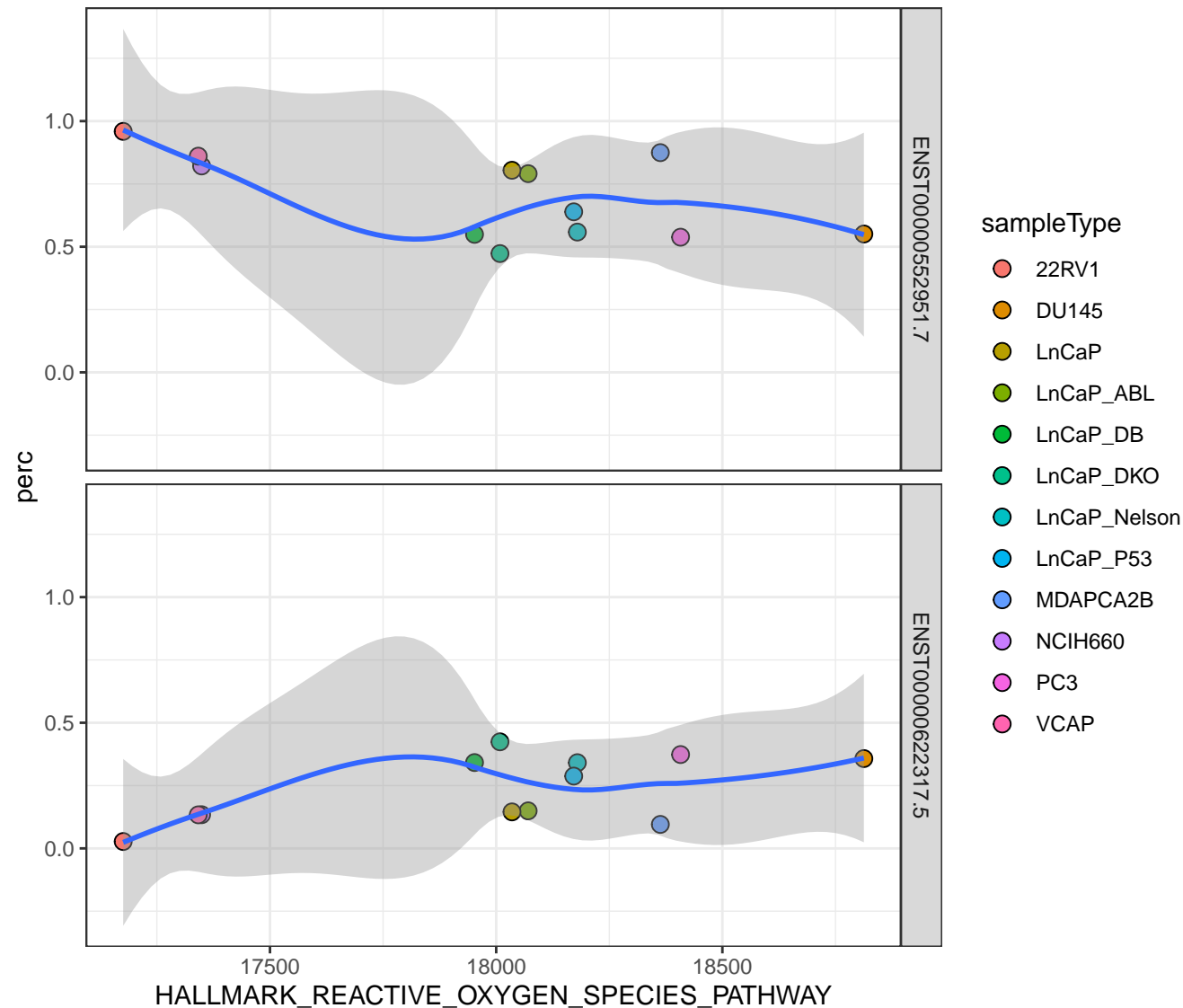
CellLine

Gene = NOPCHAP1

Target = HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY

ENST00000622317.5 (up) = 0.601863692389627

ENST00000552951.7 (down) = -0.614917089376127



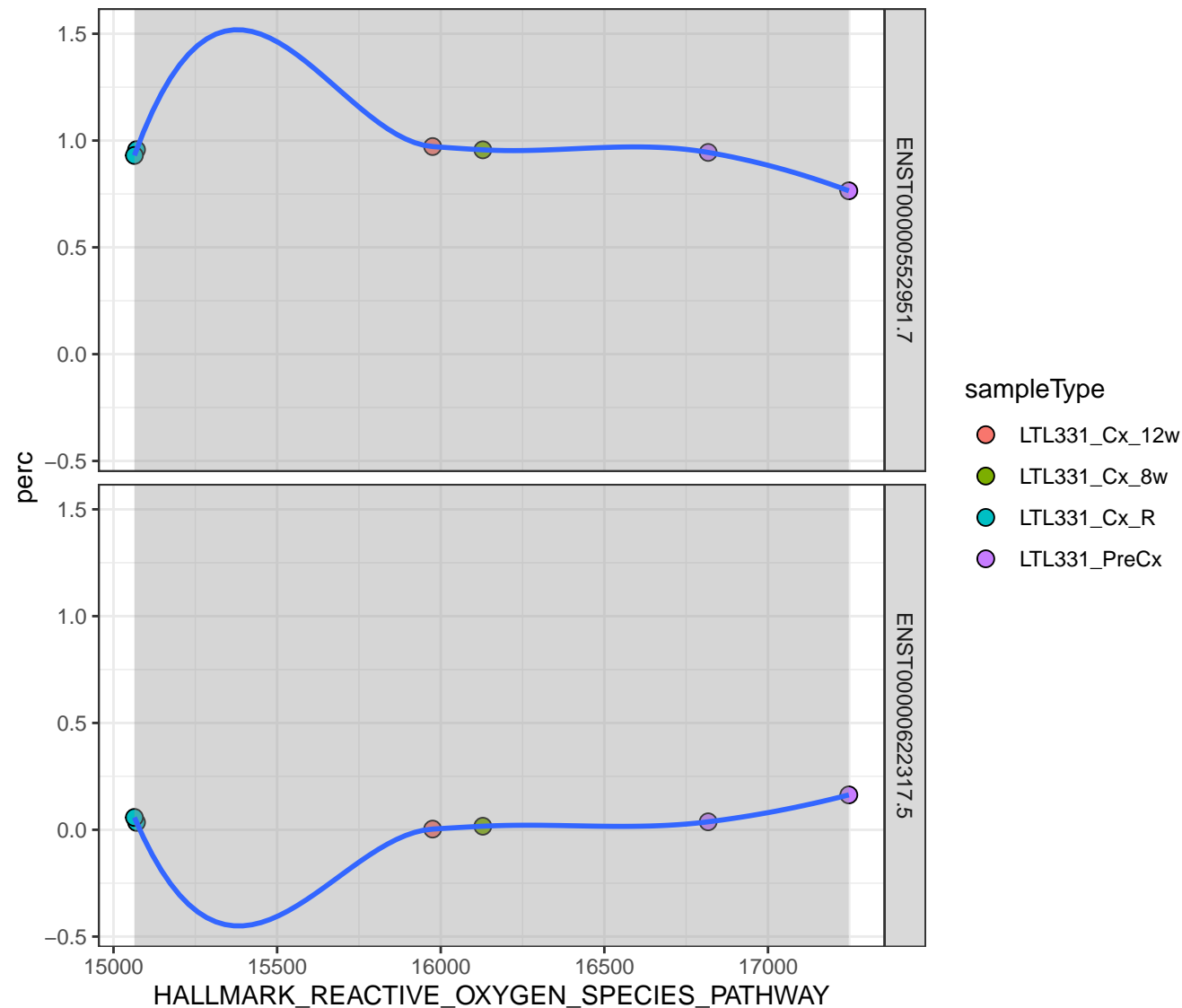
LTL_longitudinal

Gene = NOPCHAP1

Target = HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY

ENST00000622317.5 (up) = 0.523349996022222

ENST00000552951.7 (down) = -0.620186197953161



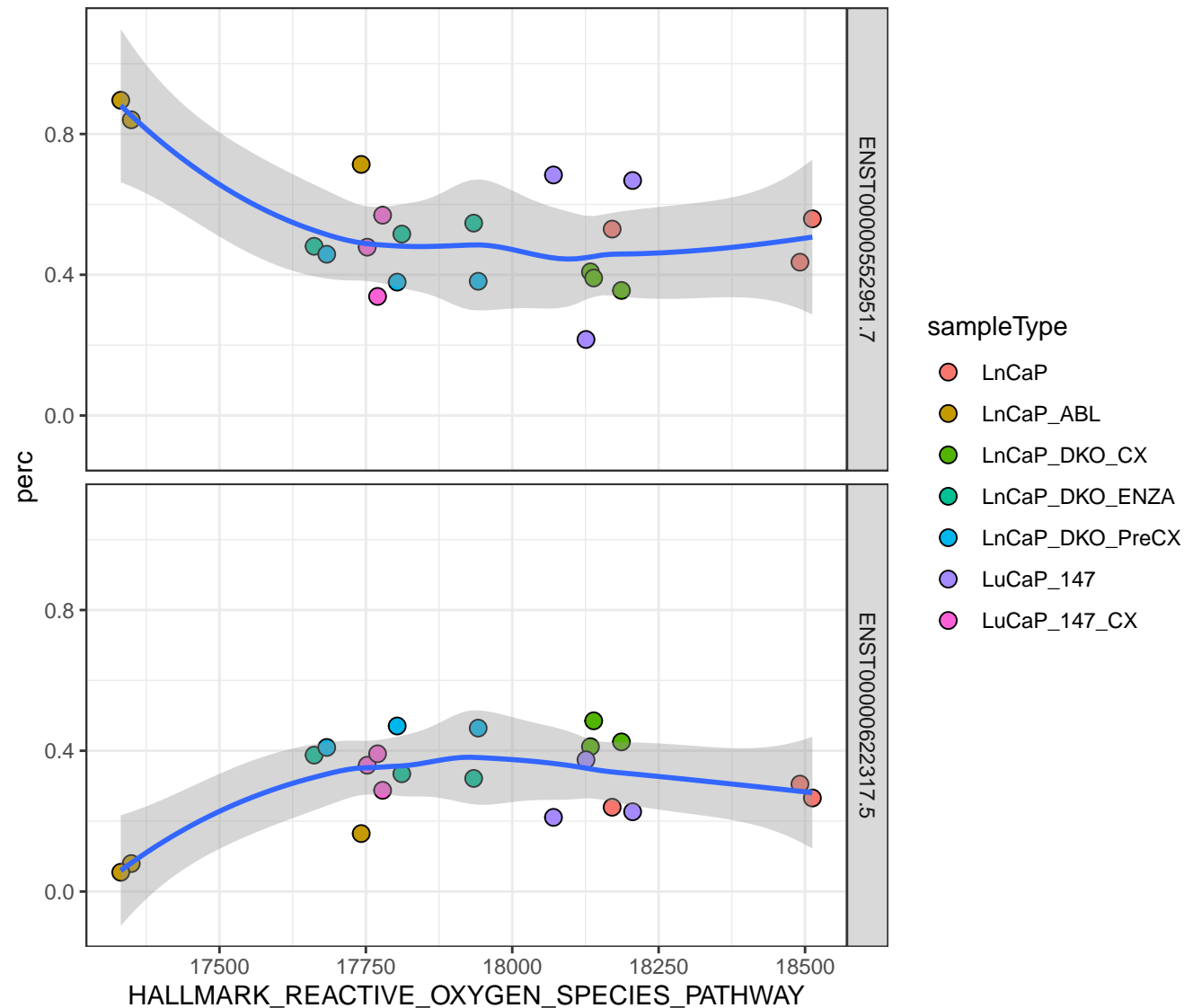
PDX_longitudinal

Gene = NOPCHAP1

Target = HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY

ENST00000622317.5 (up) = 0.321649722647872

ENST00000552951.7 (down) = -0.458455034647787



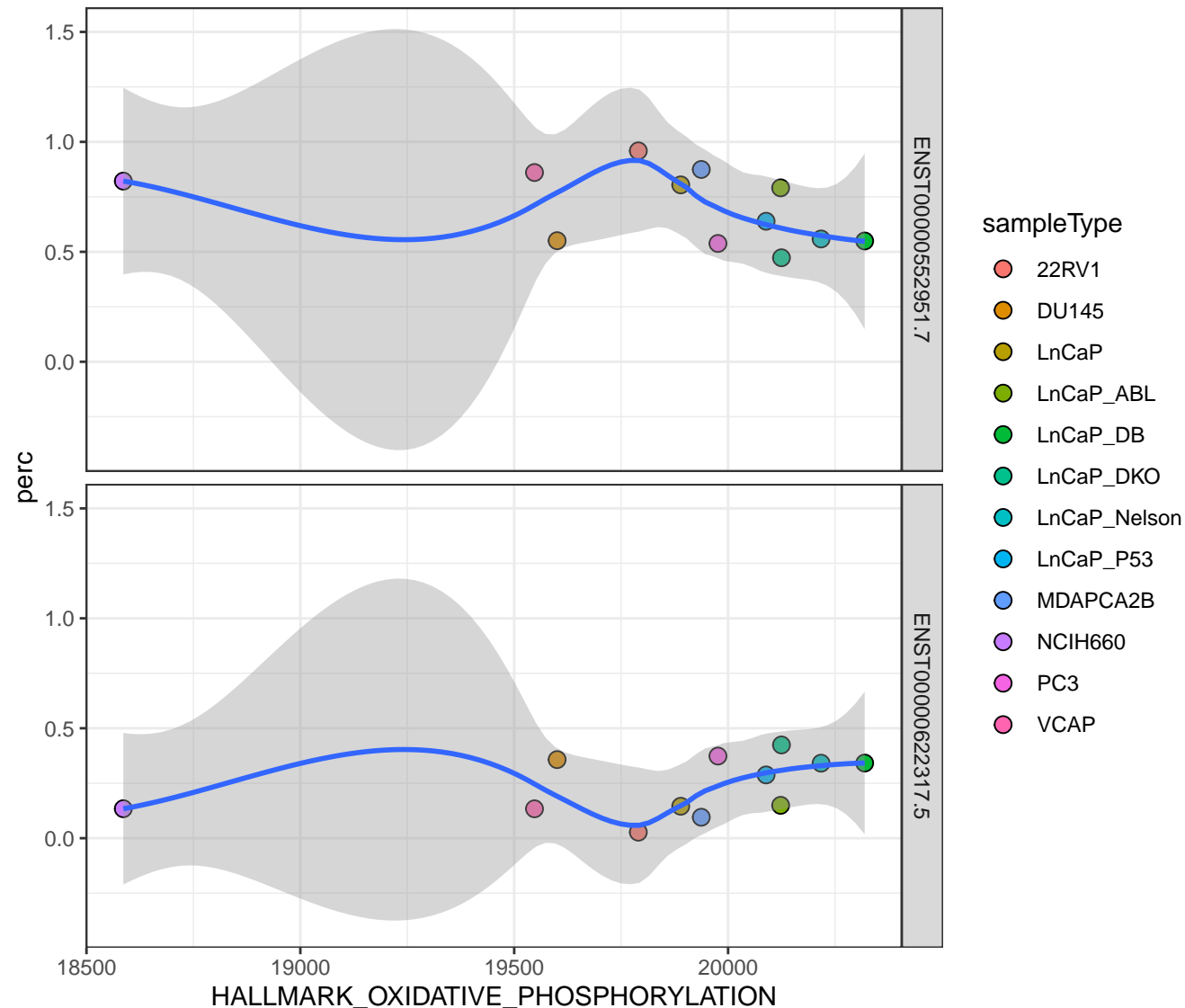
CellLine

Gene = NOPCHAP1

Target = HALLMARK_OXIDATIVE_PHOSPHORYLATION

ENST00000622317.5 (up) = 0.403952204835816

ENST00000552951.7 (down) = -0.42249706182796



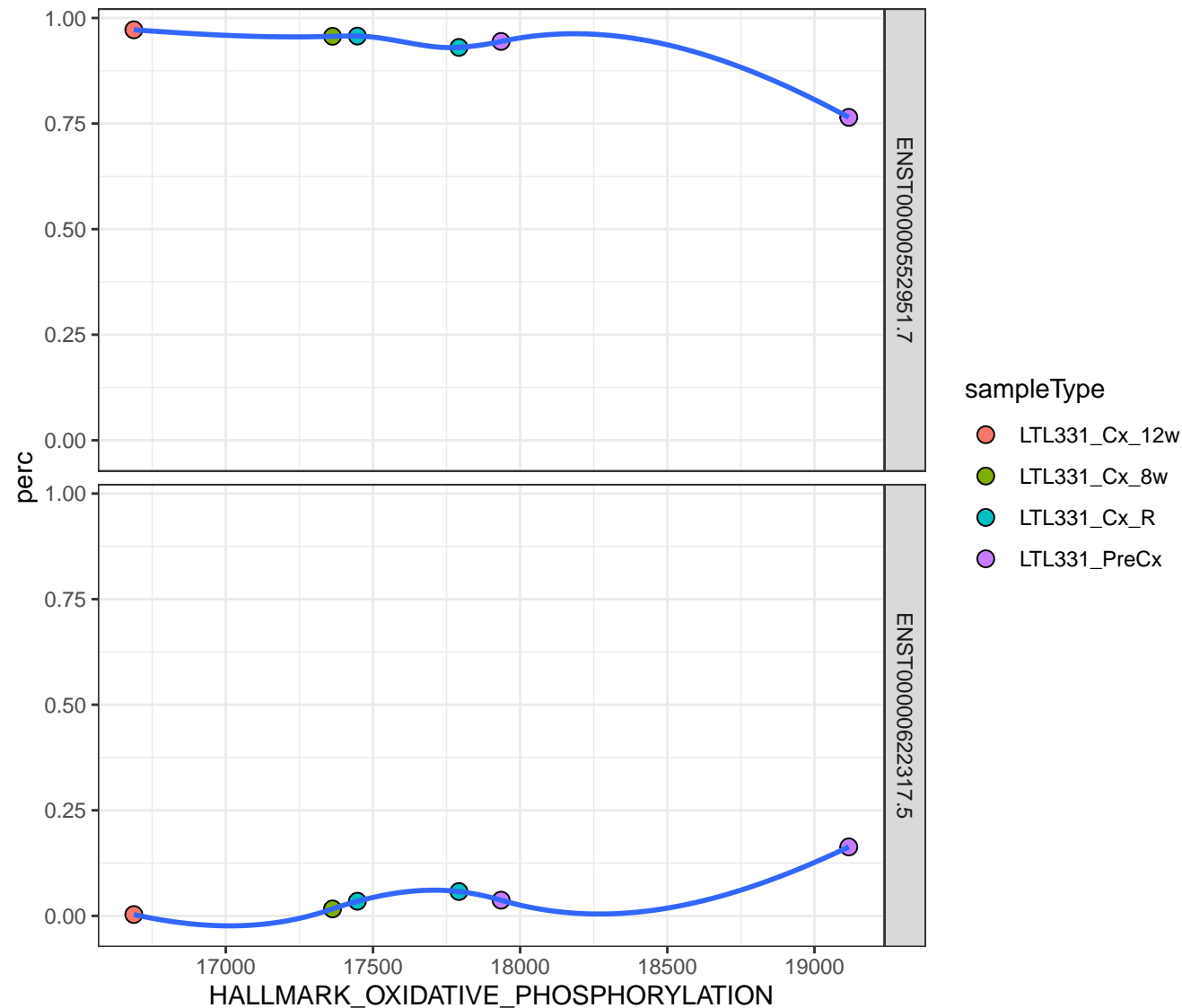
LTL_longitudinal

Gene = NOPCHAP1

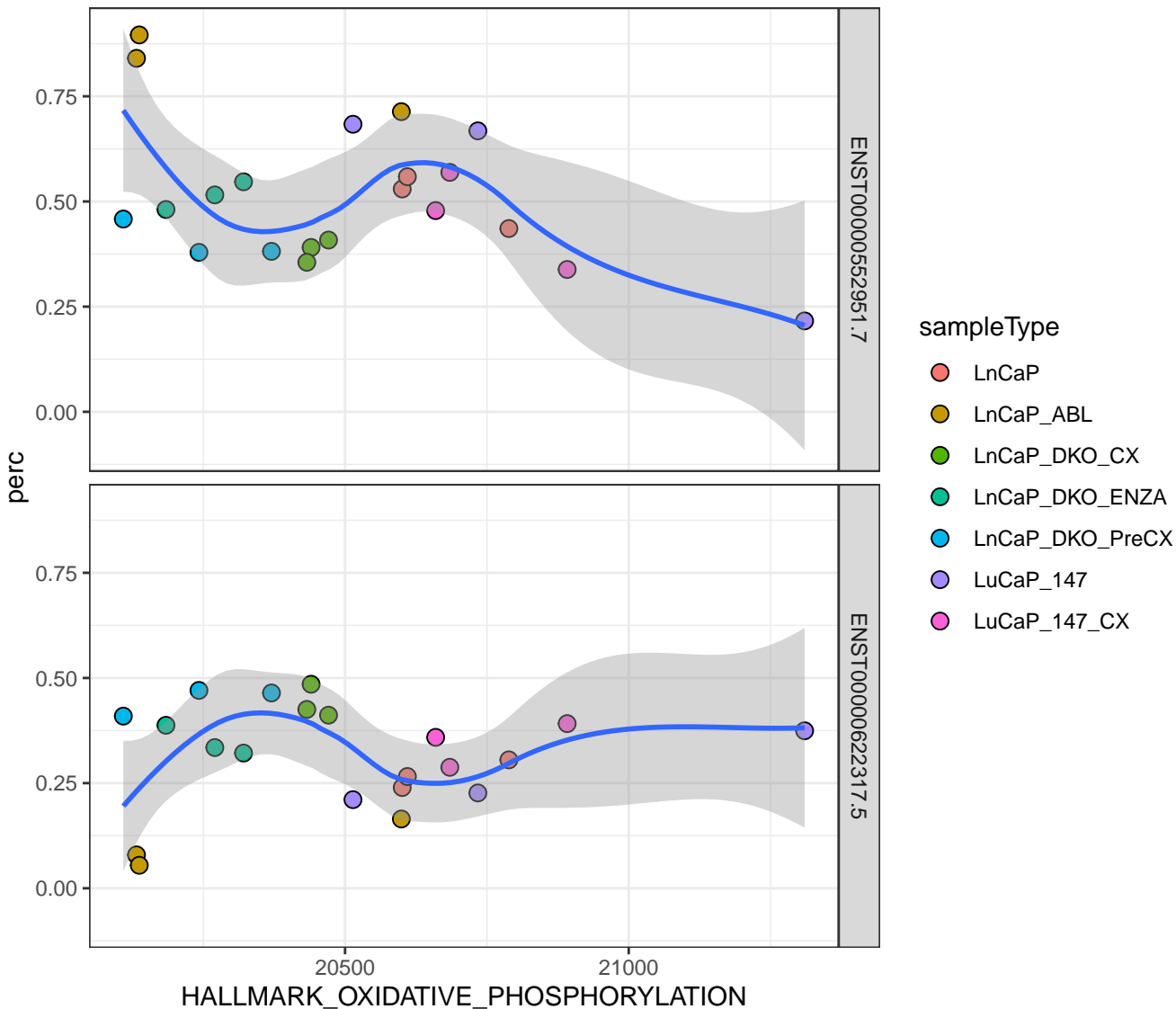
Target = HALLMARK_OXIDATIVE_PHOSPHORYLATION

ENST00000622317.5 (up) = 0.946878584366554

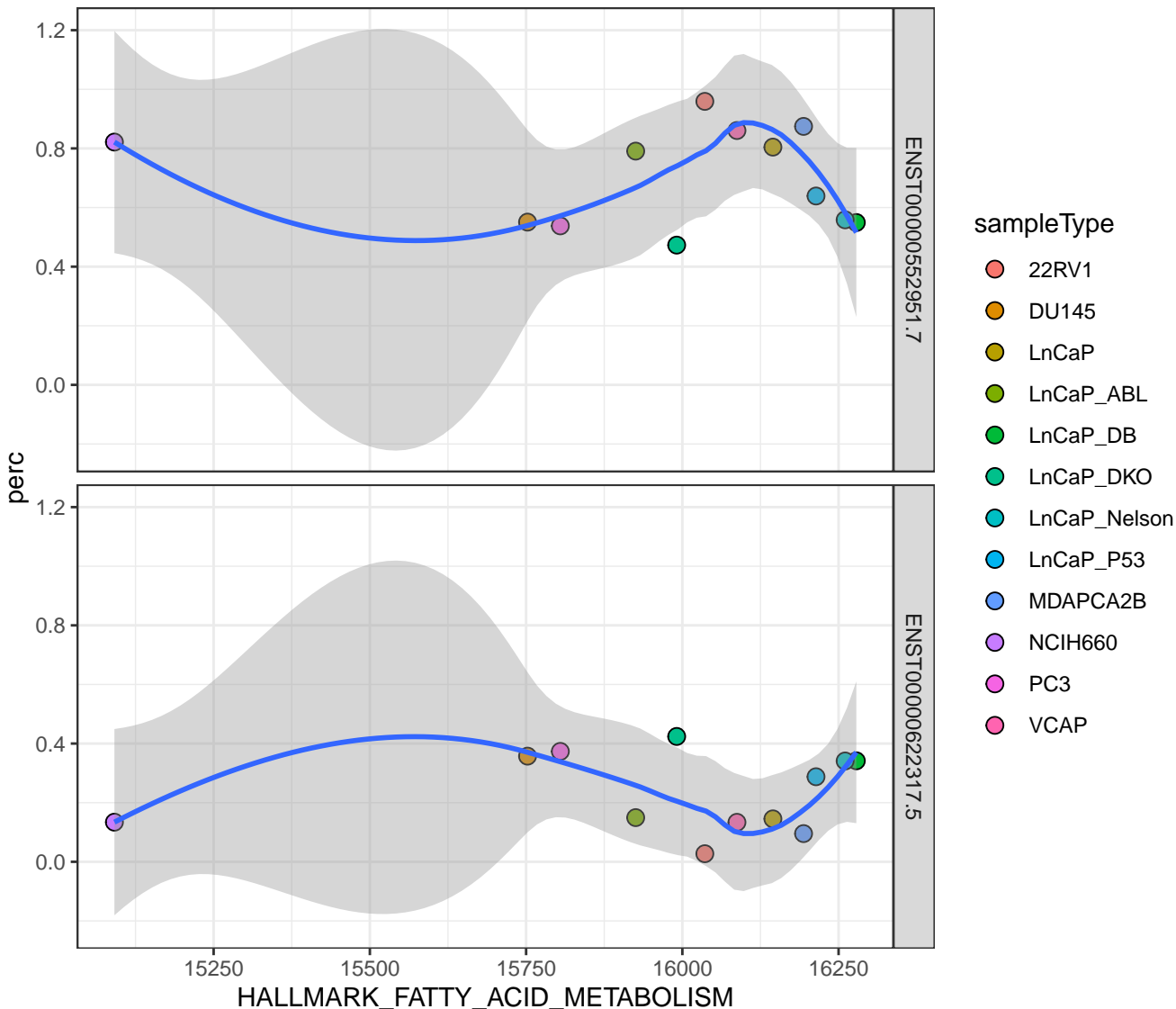
ENST00000552951.7 (down) = -0.915159394525216



PDX_longitudinal
 Gene = NOPCHAP1
 Target = HALLMARK_OXIDATIVE_PHOSPHORYLATION
 ENST00000622317.5 (up) = 0.0879223184802229
 ENST00000552951.7 (down) = -0.425472443067249



CellLine
 Gene = NOPCHAP1
 Target = HALLMARK_FATTY_ACID_METABOLISM
 ENST00000622317.5 (up) = 0.106553686409925
 ENST00000552951.7 (down) = -0.109545871191897



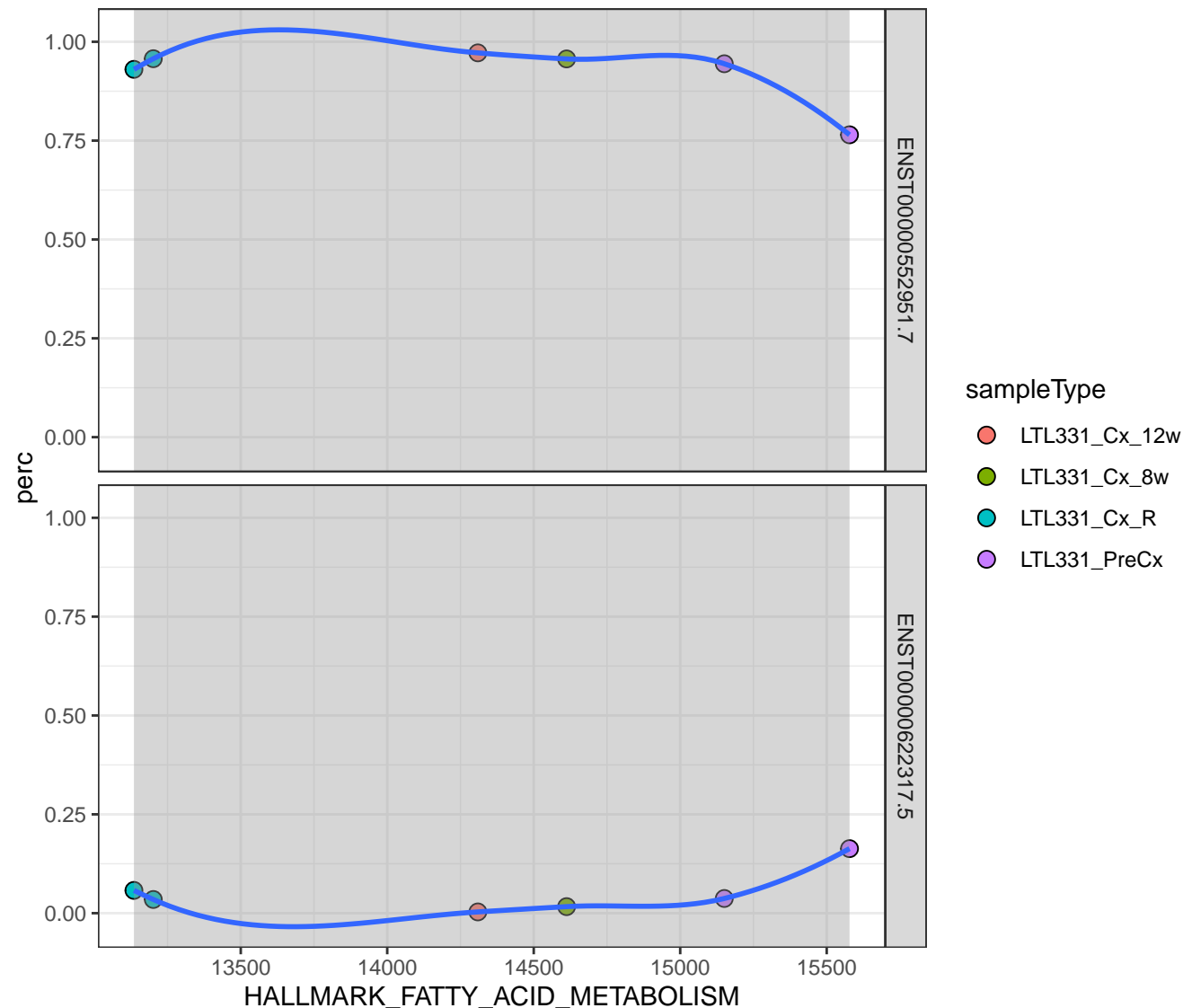
LTL_longitudinal

Gene = NOPCHAP1

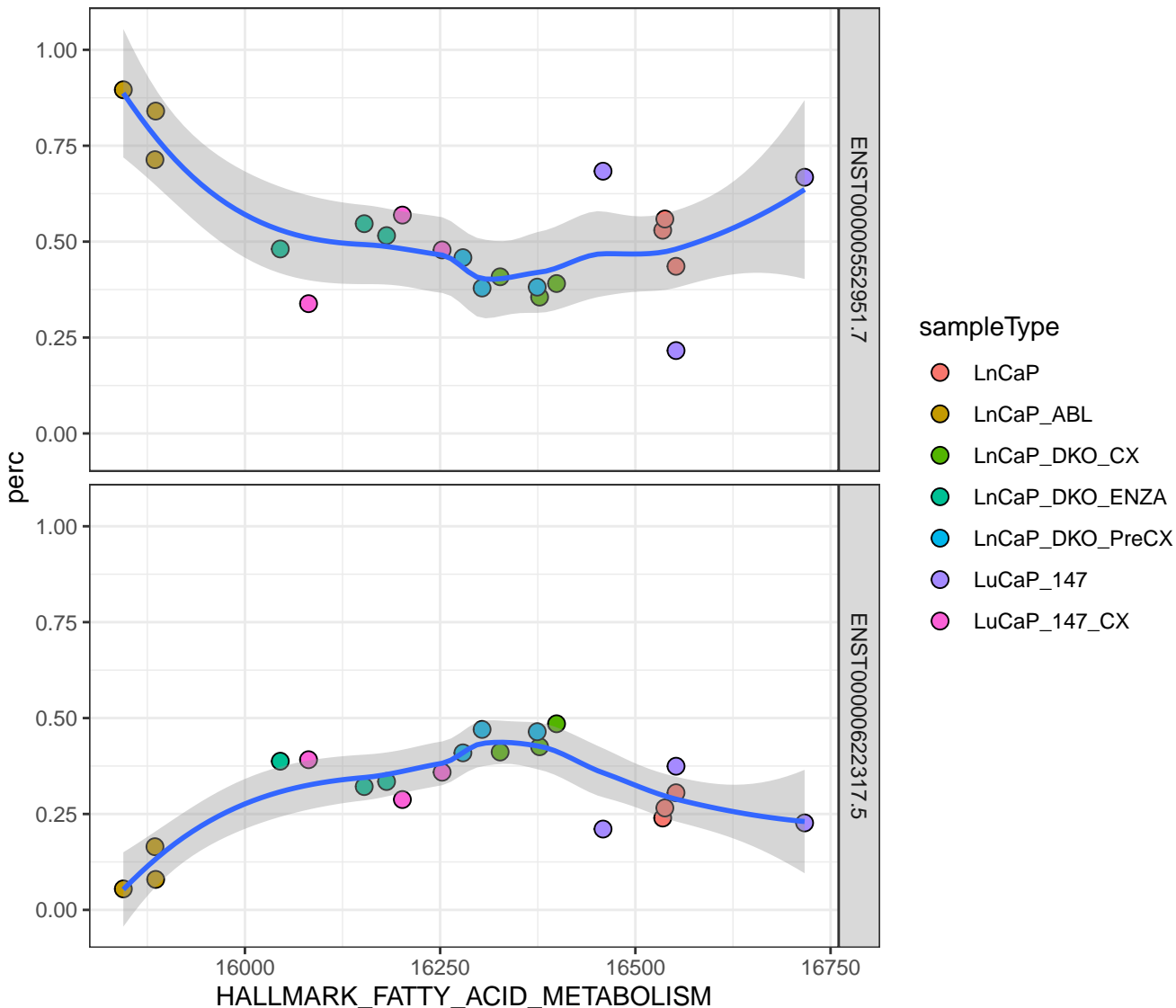
Target = HALLMARK_FATTY_ACID_METABOLISM

ENST00000622317.5 (up) = 0.453143146887528

ENST00000552951.7 (down) = -0.562019816859381



PDX_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_FATTY_ACID_METABOLISM
ENST00000622317.5 (up) = 0.35589362359285
ENST00000552951.7 (down) = -0.465280120697376



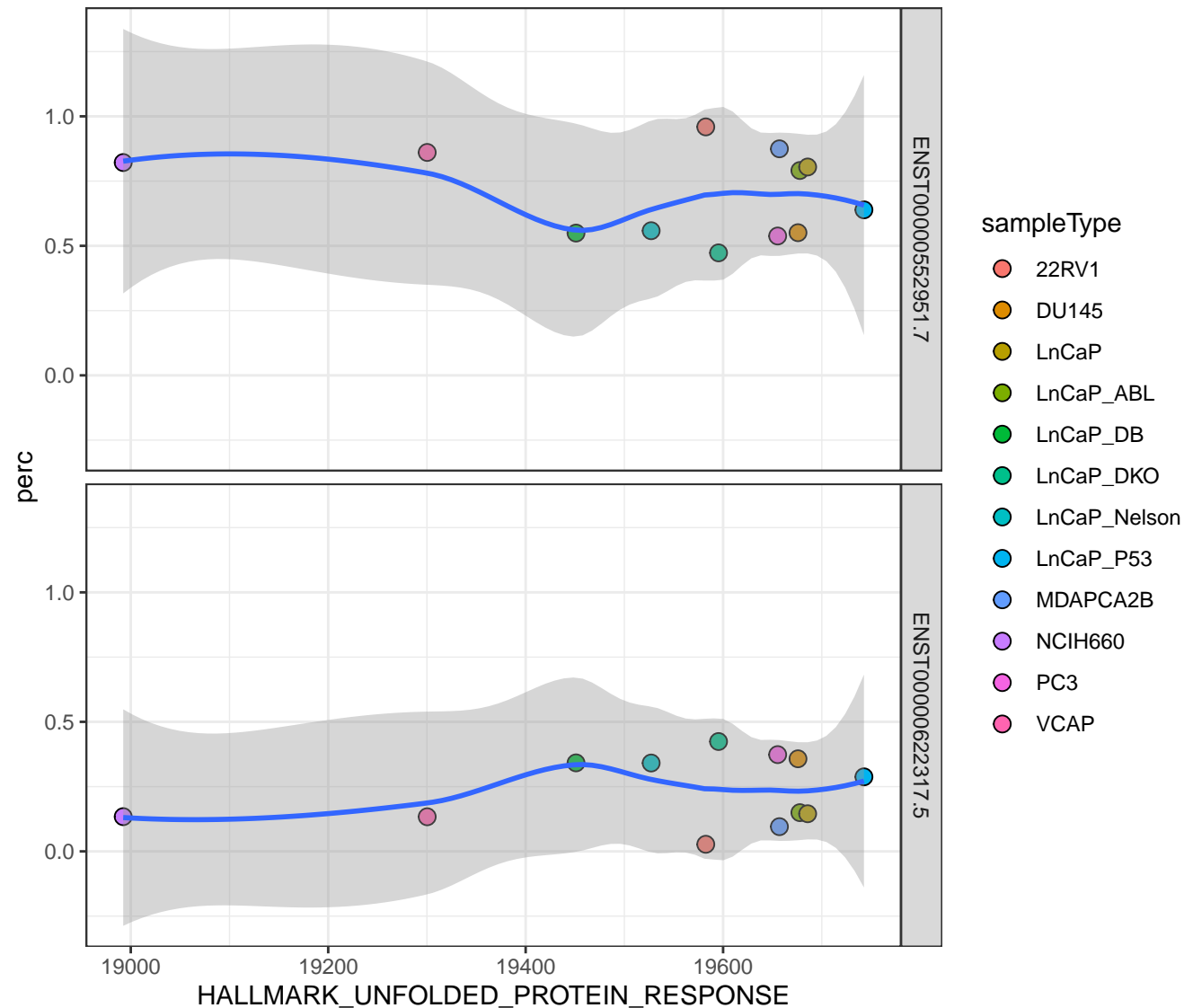
CellLine

Gene = NOPCHAP1

Target = HALLMARK_UNFOLDED_PROTEIN_RESPONSE

ENST00000622317.5 (up) = 0.23381022753098

ENST00000552951.7 (down) = -0.24361148415292



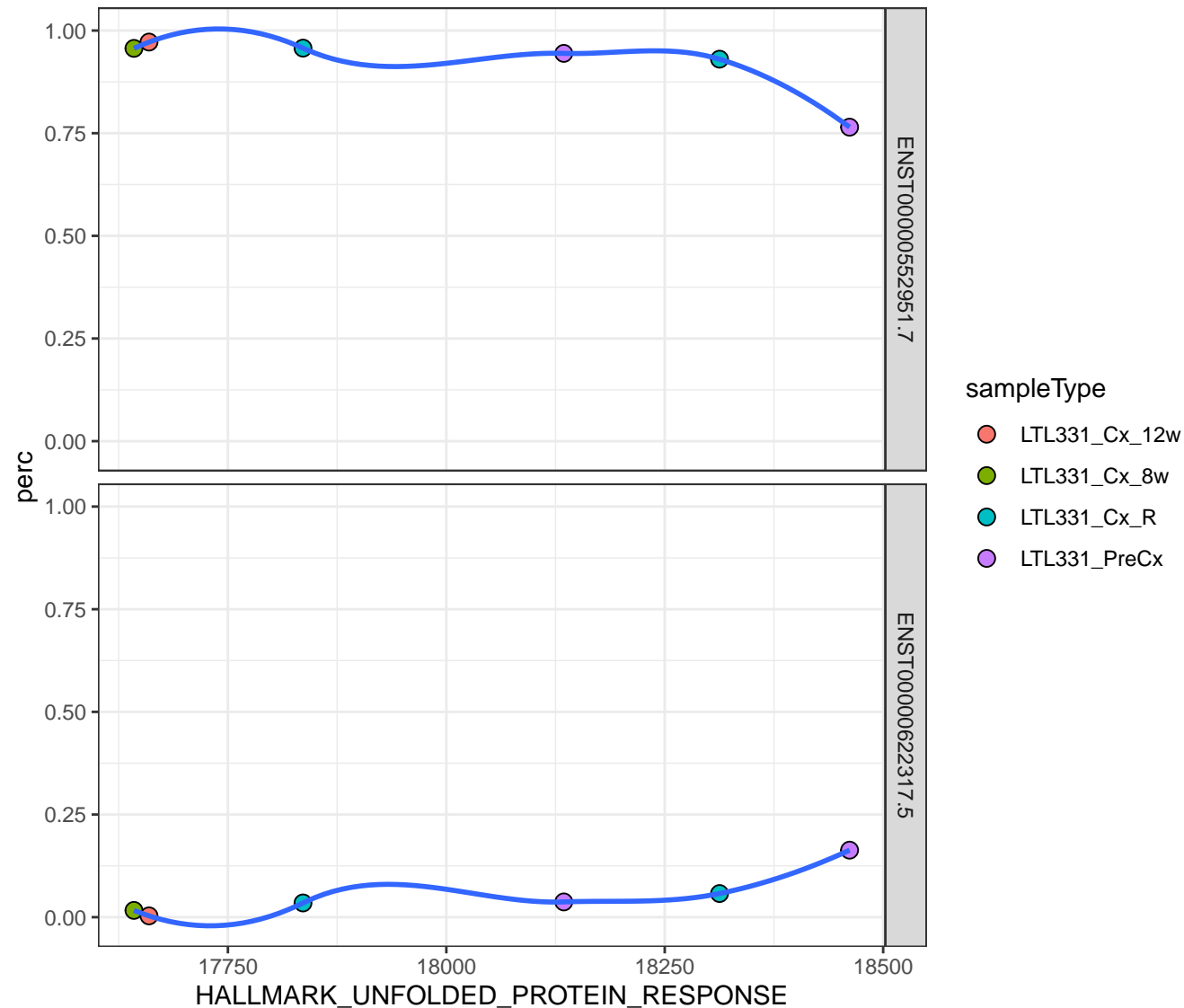
LTL_longitudinal

Gene = NOPCHAP1

Target = HALLMARK_UNFOLDED_PROTEIN_RESPONSE

ENST00000622317.5 (up) = 0.835605562732749

ENST00000552951.7 (down) = -0.758493479817635



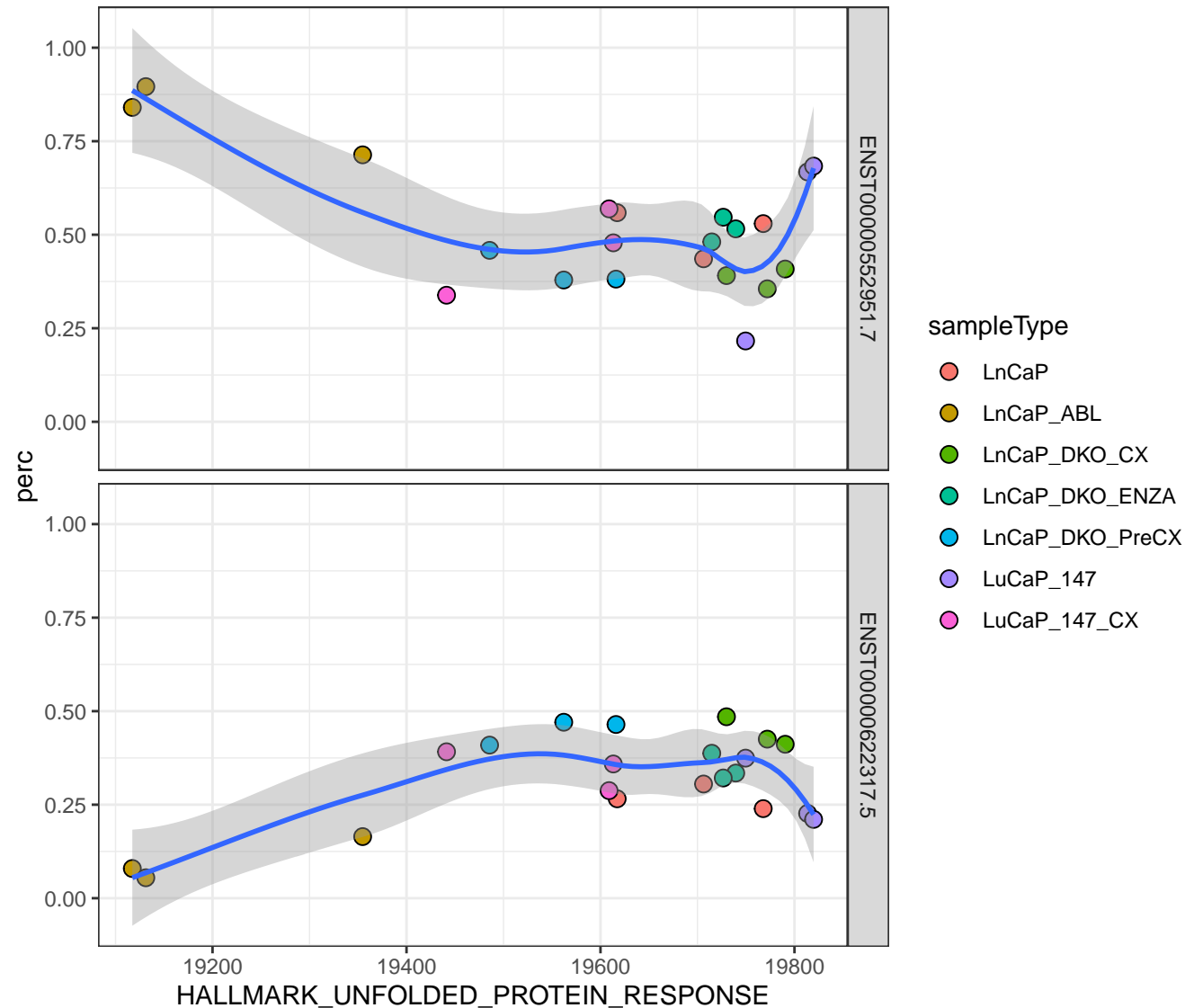
PDX_longitudinal

Gene = NOPCHAP1

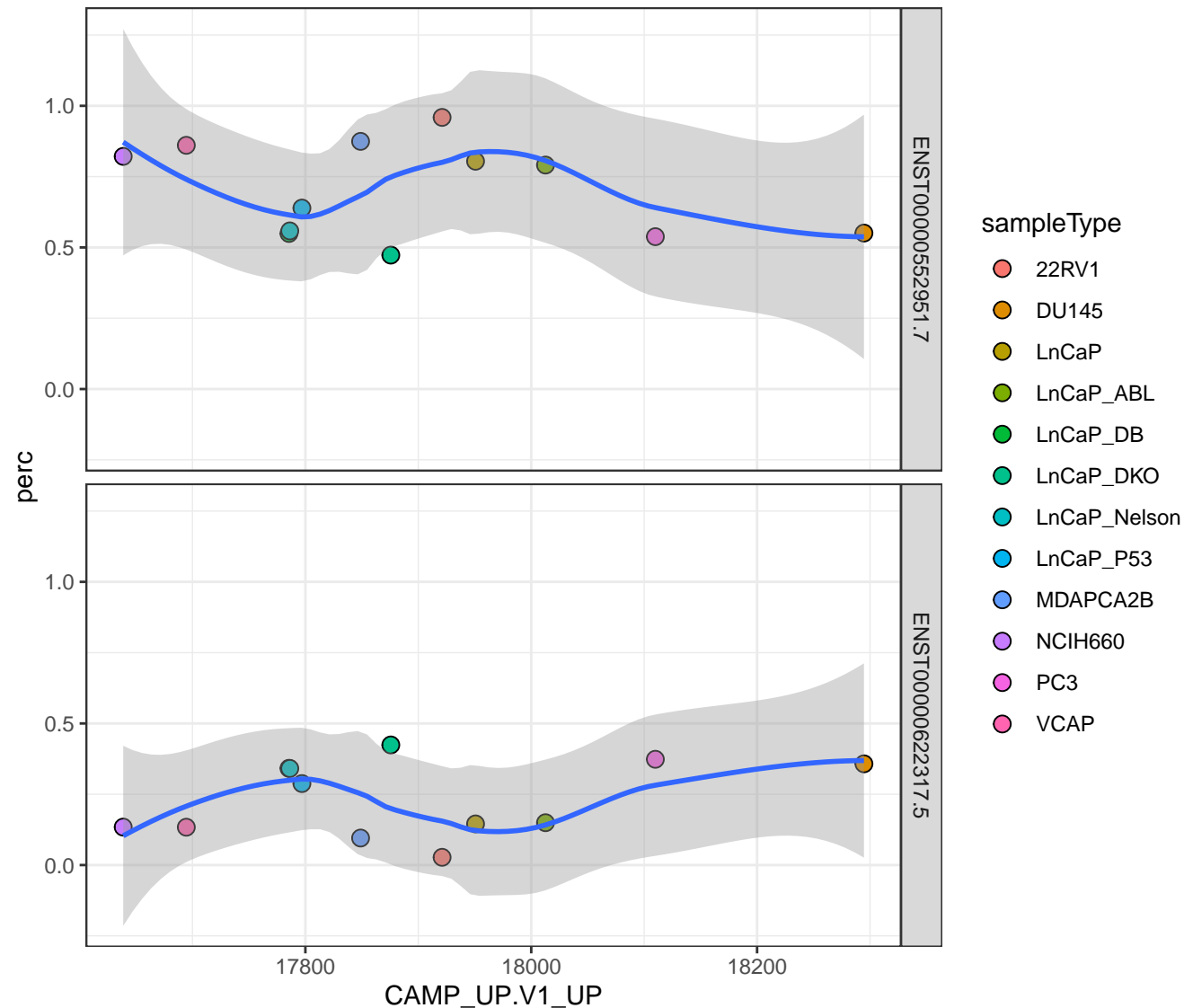
Target = HALLMARK_UNFOLDED_PROTEIN_RESPONSE

ENST00000622317.5 (up) = 0.541745393368909

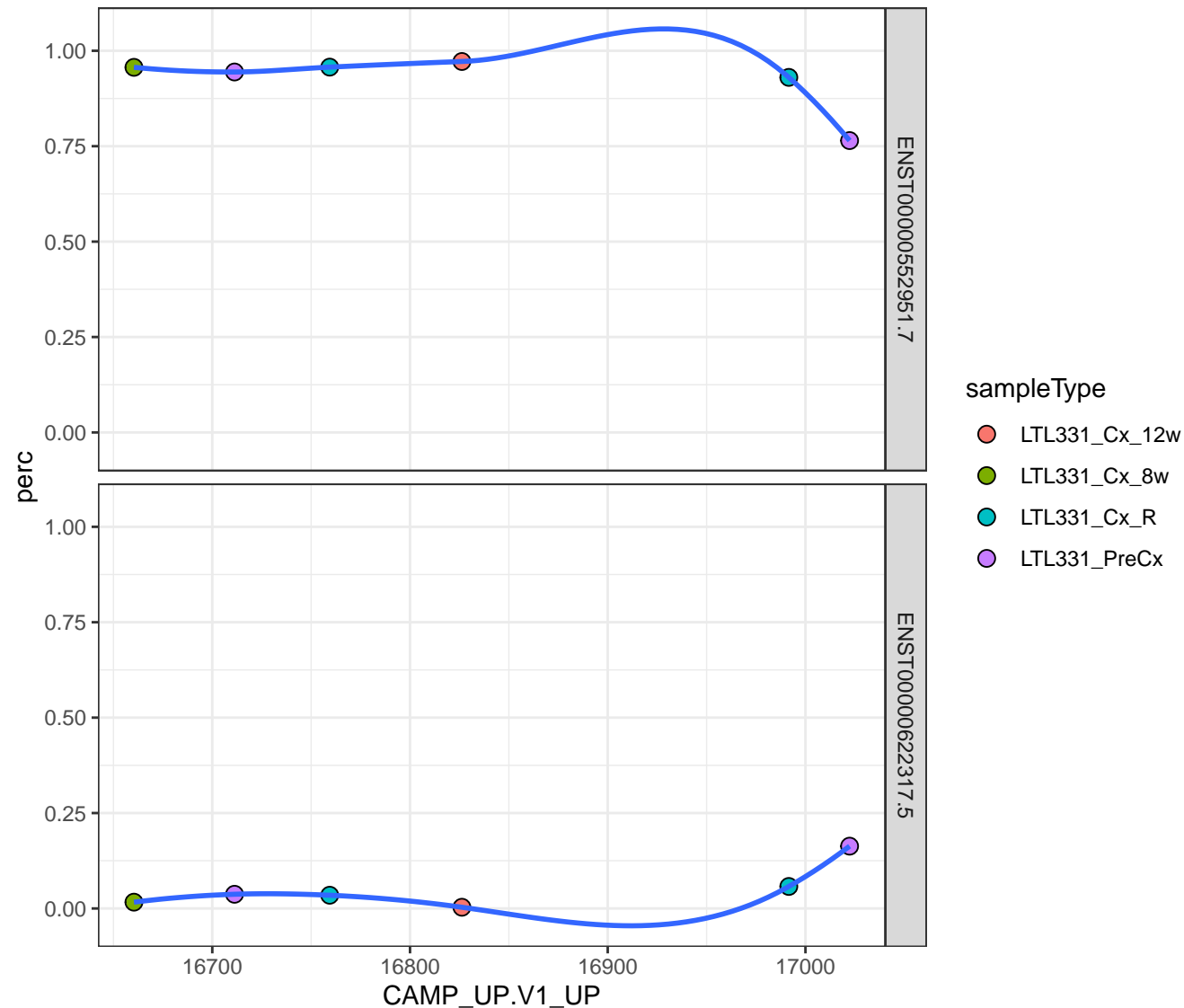
ENST00000552951.7 (down) = -0.566562427082303



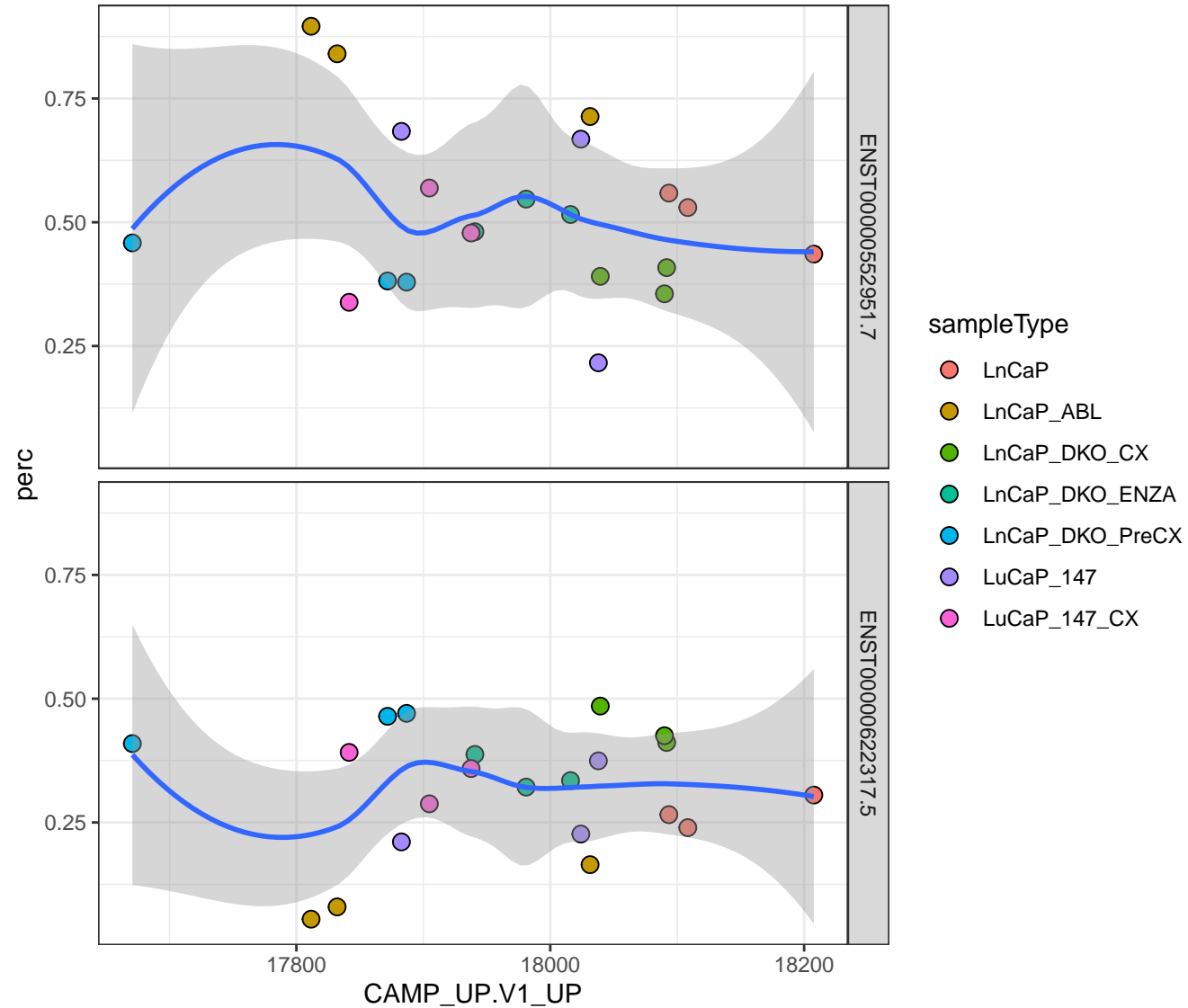
CellLine
 Gene = NOPCHAP1
 Target = CAMP_UP.V1_UP
 ENST00000622317.5 (up) = 0.296089717754837
 ENST00000552951.7 (down) = -0.300926239988231



LTL_longitudinal
Gene = NOPCHAP1
Target = CAMP_UP.V1_UP
ENST00000622317.5 (up) = 0.734279027005523
ENST00000552951.7 (down) = -0.6927959940831



PDX_longitudinal
 Gene = NOPCHAP1
 Target = CAMP_UP.V1_UP
 ENST00000622317.5 (up) = 0.0799379986308909
 ENST00000552951.7 (down) = -0.255138525765996



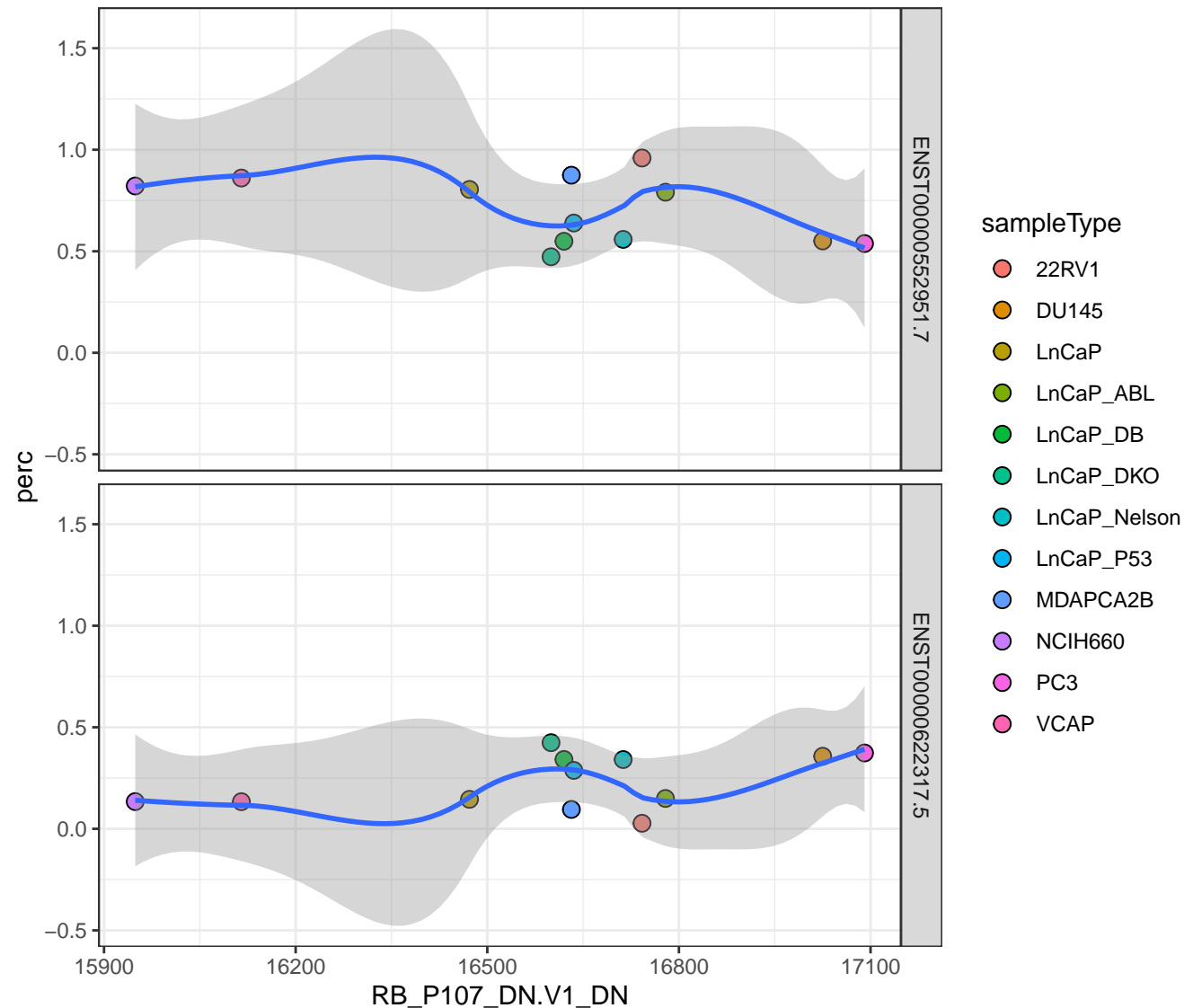
CellLine

Gene = NOPCHAP1

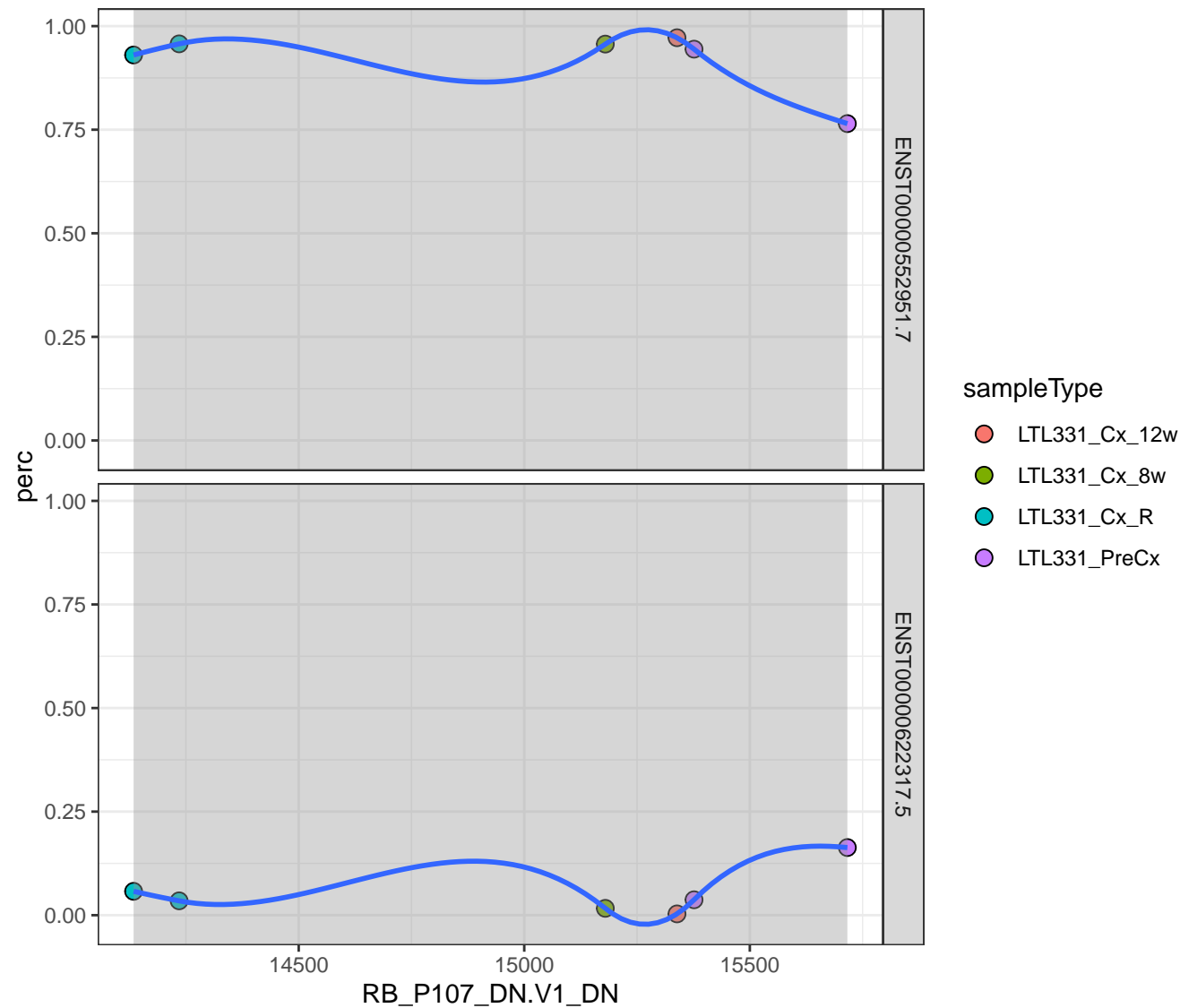
Target = RB_P107_DN.V1_DN

ENST00000622317.5 (up) = 0.449202740015284

ENST00000552951.7 (down) = -0.464453725870226



LTL_longitudinal
Gene = NOPCHAP1
Target = RB_P107_DN.V1_DN
ENST00000622317.5 (up) = 0.316883563846639
ENST00000552951.7 (down) = -0.4532846897539



PDX_longitudinal
Gene = NOPCHAP1
Target = RB_P107_DN.V1_DN
ENST00000622317.5 (up) = 0.607510155720061
ENST00000552951.7 (down) = -0.600128692637357

