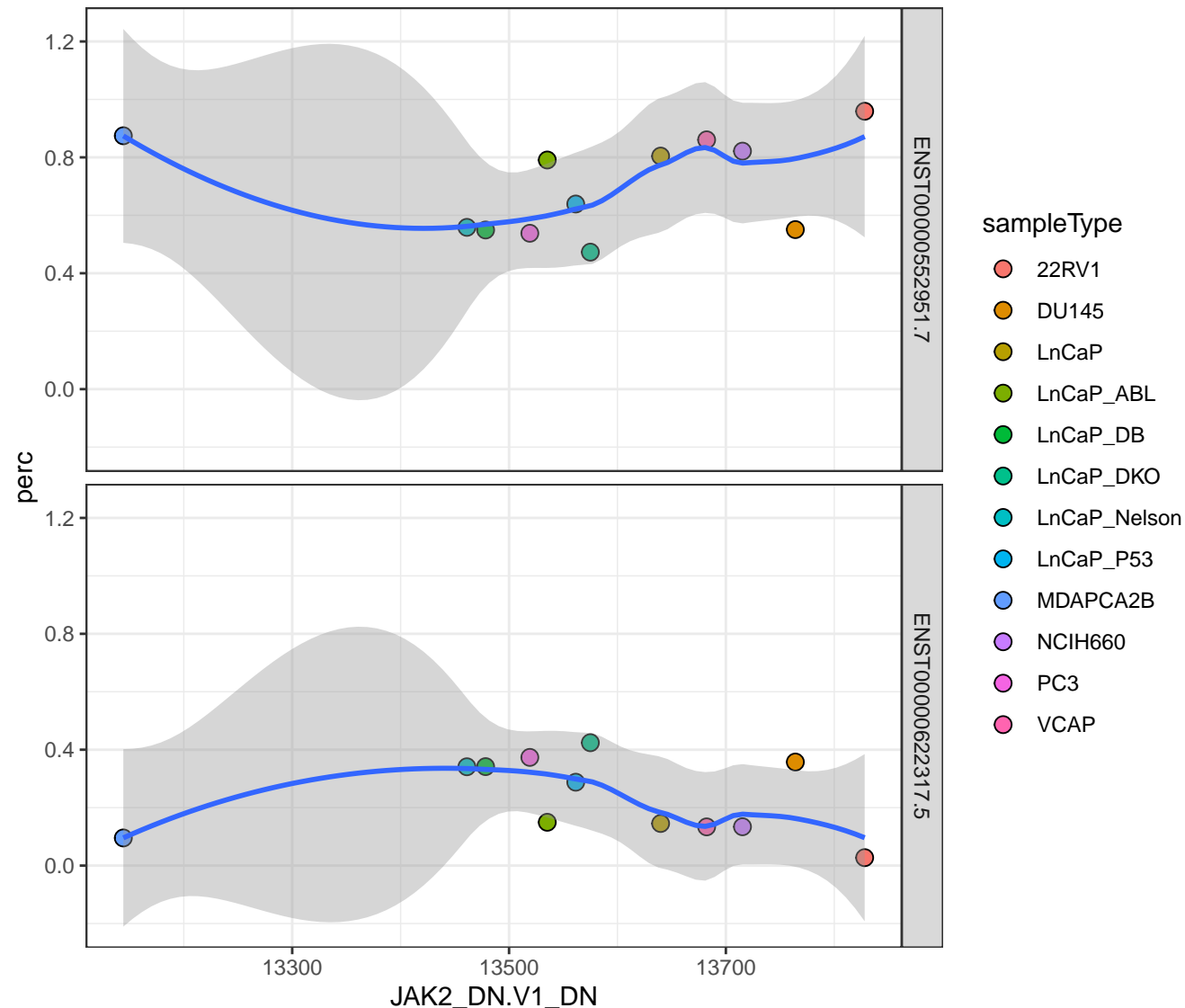CellLine
Gene = NOPCHAP1
Target = JAK2_DN.V1_DN
ENST00000552951.7 (up) = 0.123462514181214
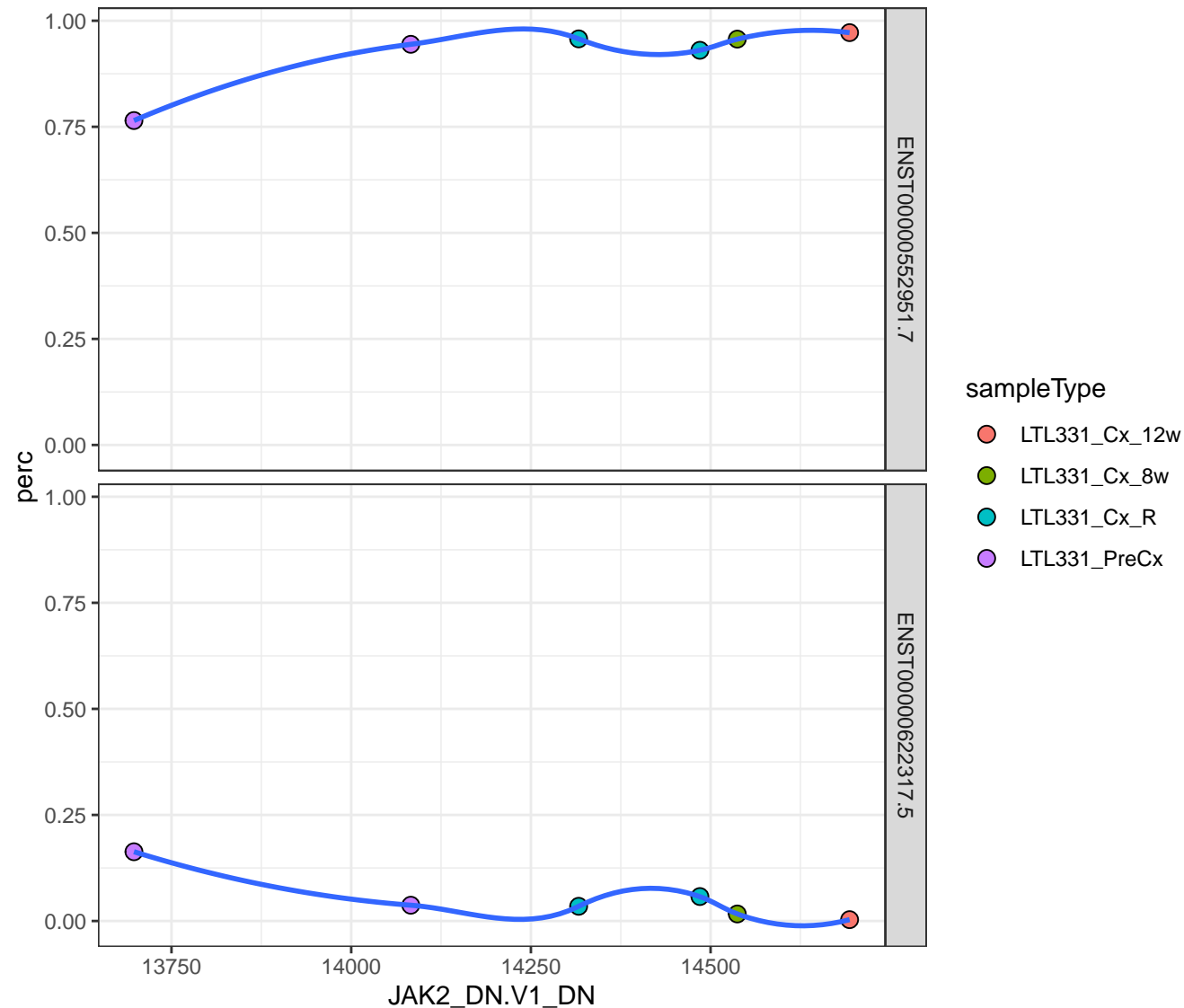ENST00000622317.5 (down) = −0.106018312057353
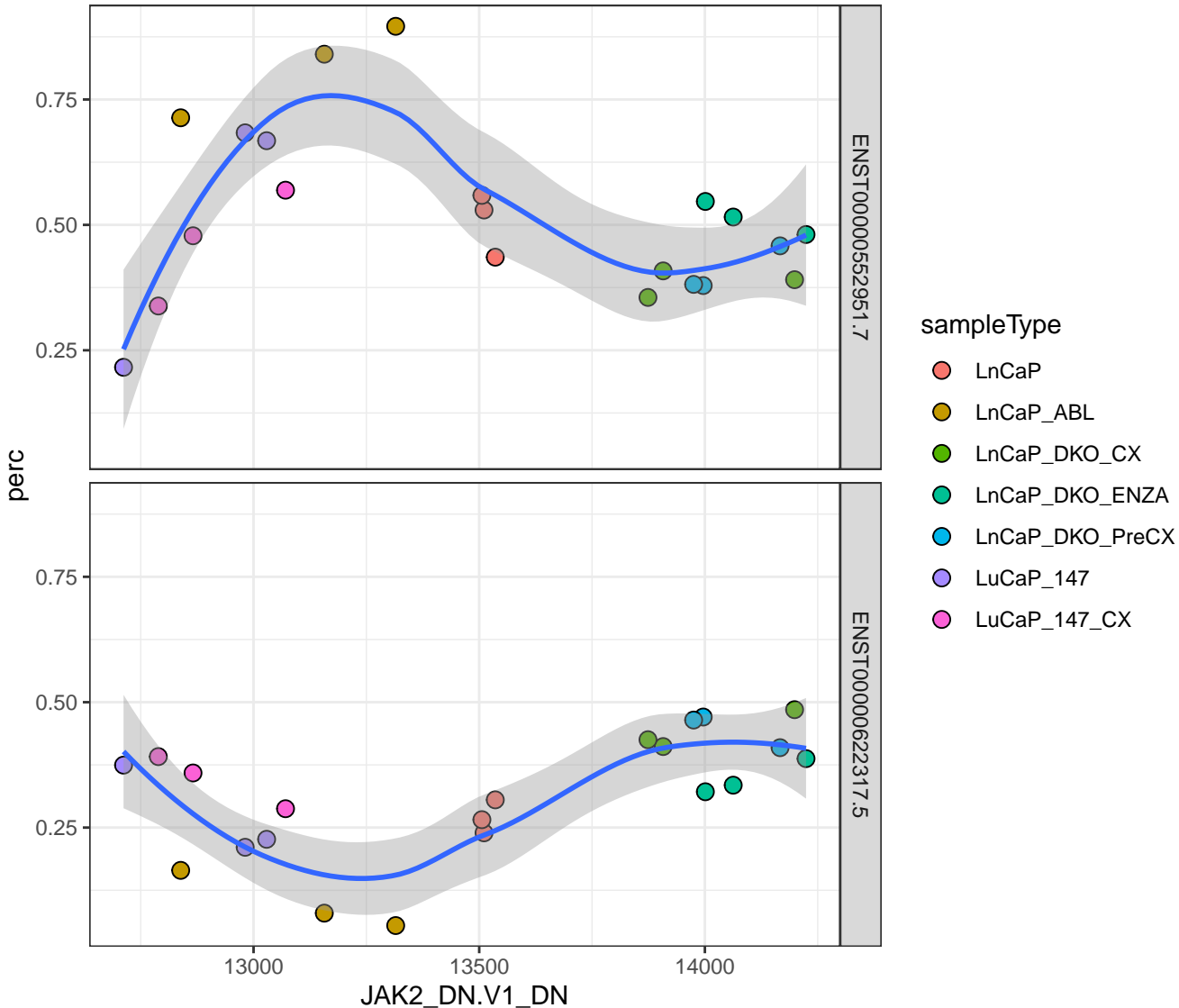
LTL_longitudinal
Gene = NOPCHAP1
Target = JAK2_DN.V1_DN
ENST00000552951.7 (up) = 0.85141321560867
ENST00000622317.5 (down) = −0.869928468645149

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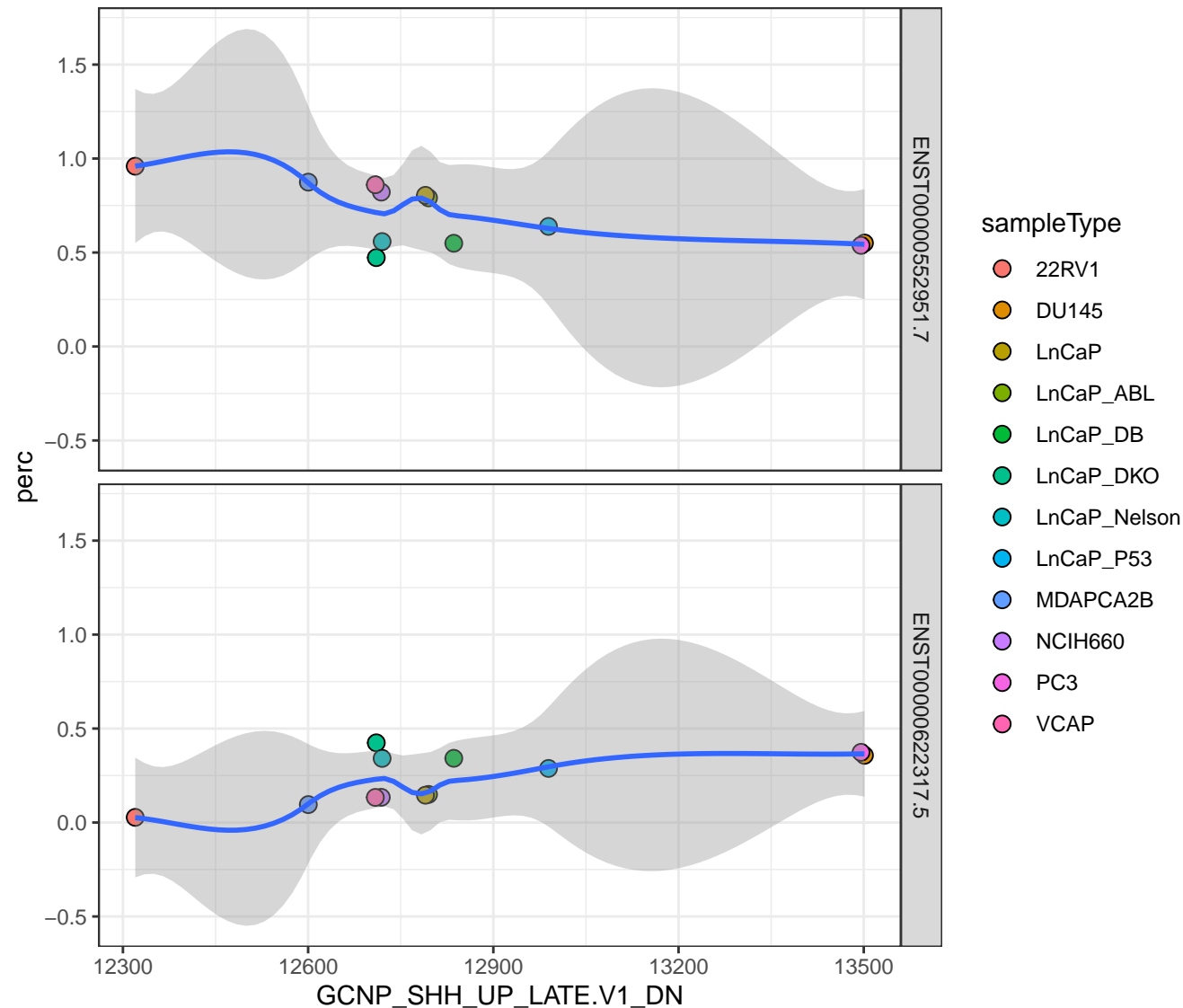ENST00000622317.5 (down) = 0.529767234579456

CellLine
Gene = NOPCHAP1
Target = GCNP_SHH_UP_LATE.V1_DN
ENST00000622317.5 (up) = 0.636248132312534
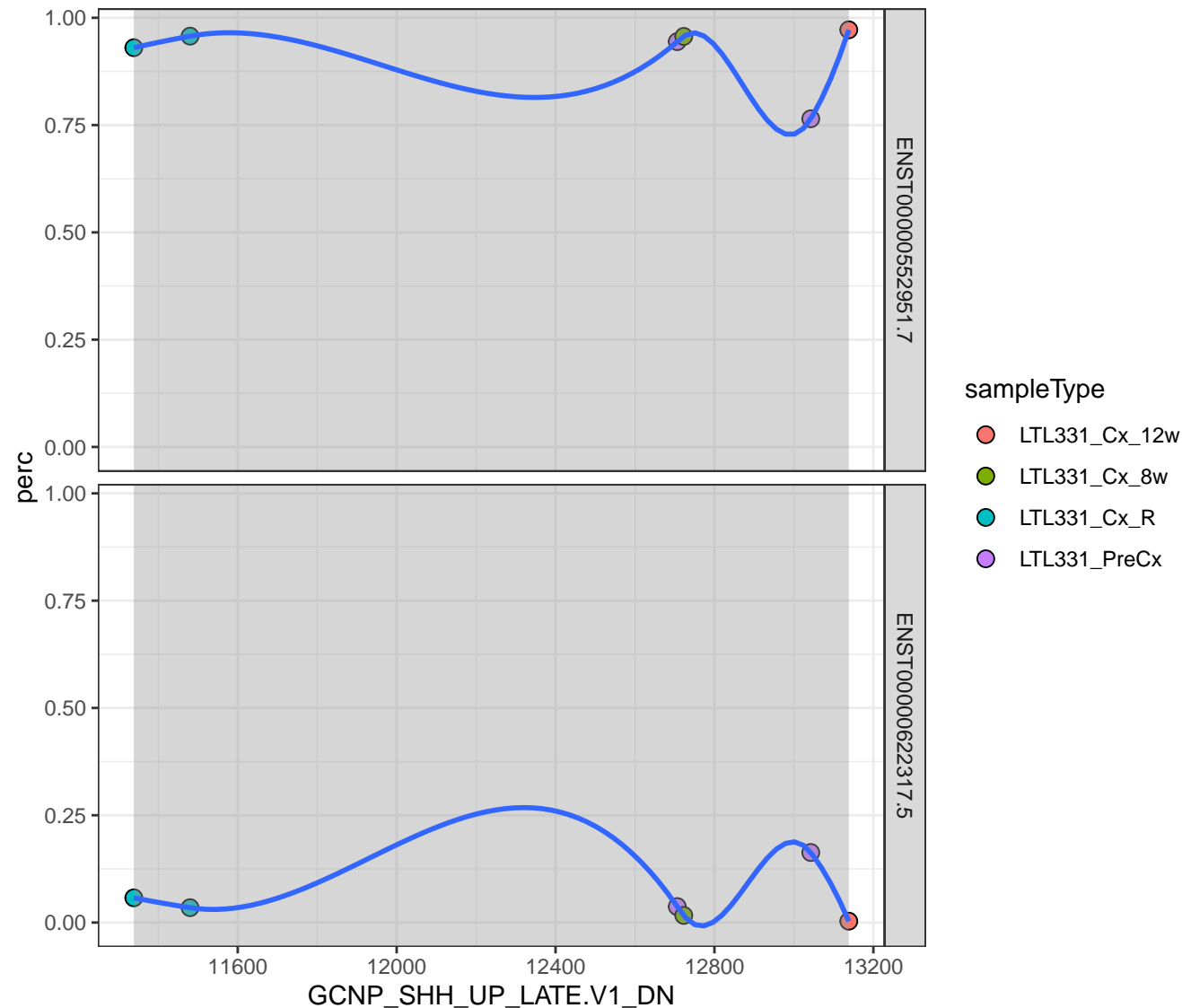ENST00000552951.7 (down) = −0.622519570329548
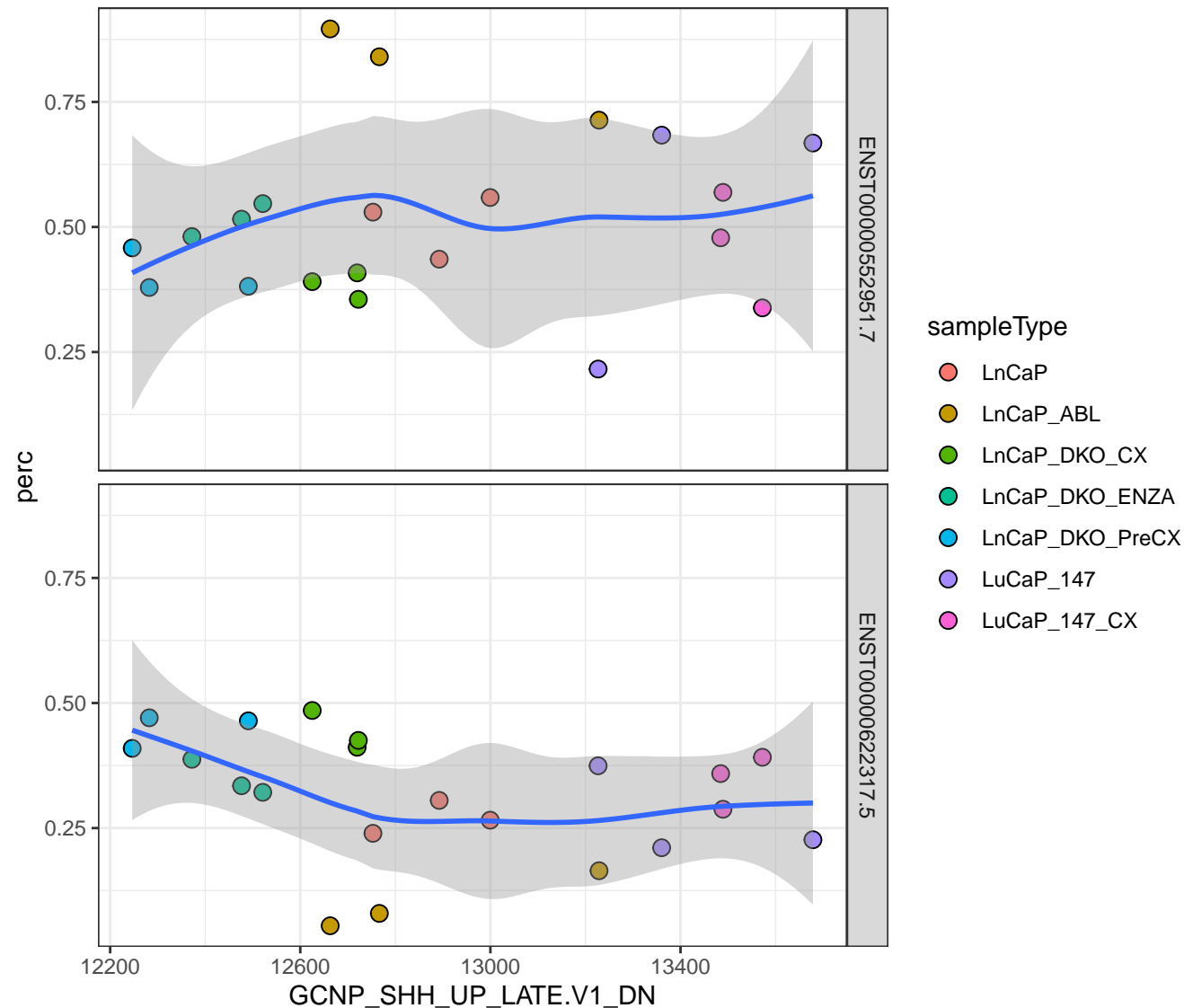
LTL_longitudinal
Gene = NOPCHAP1
Target = GCNP_SHH_UP_LATE.V1_DN
ENST00000622317.5 (up) = 0.129353849312617
ENST00000552951.7 (down) = −0.283778309022238

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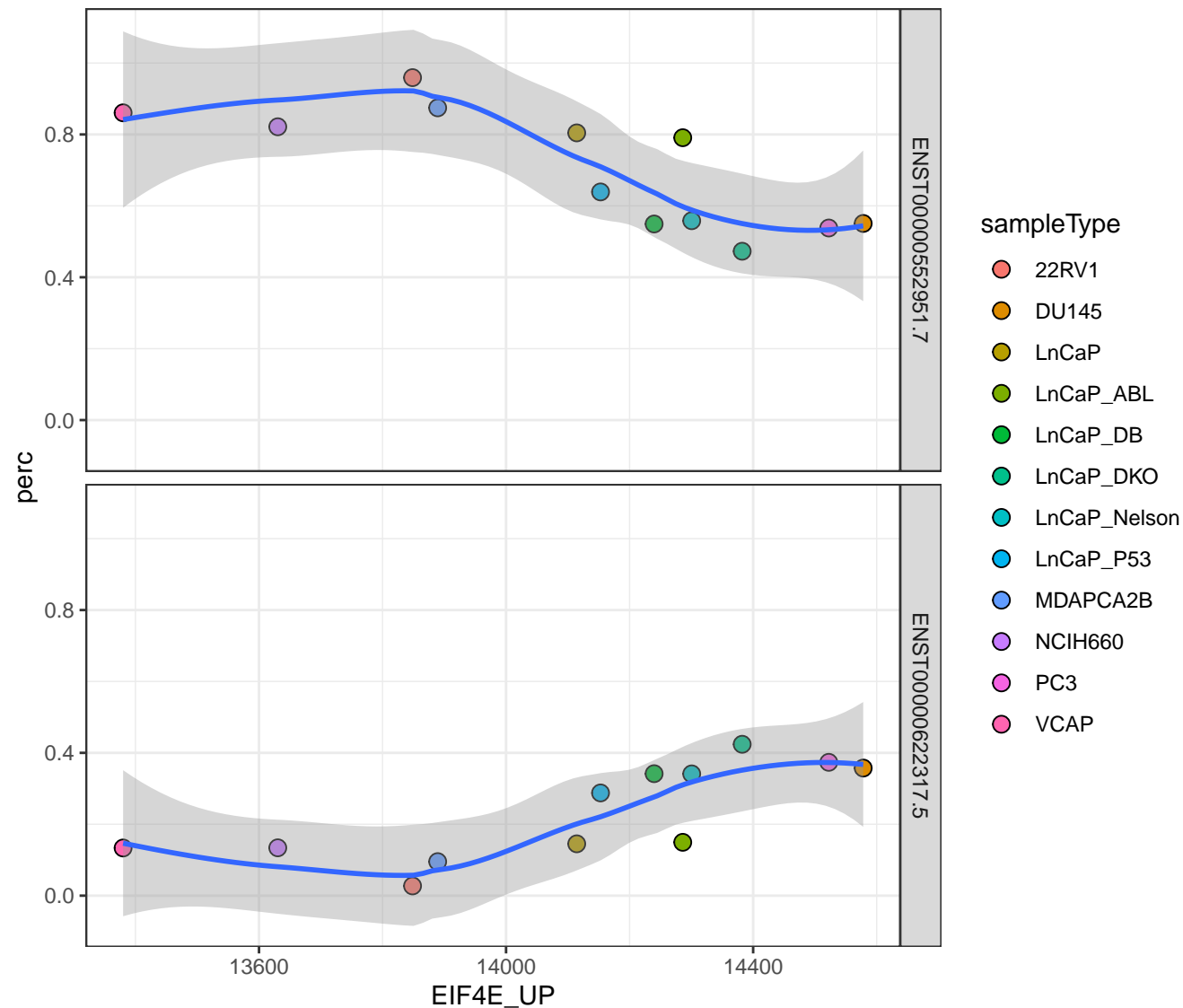ENST00000552951.7 (down) = 0.125078159982741

CellLine
Gene = NOPCHAP1
Target = EIF4E_UP
ENST00000622317.5 (up) = 0.74924226910527
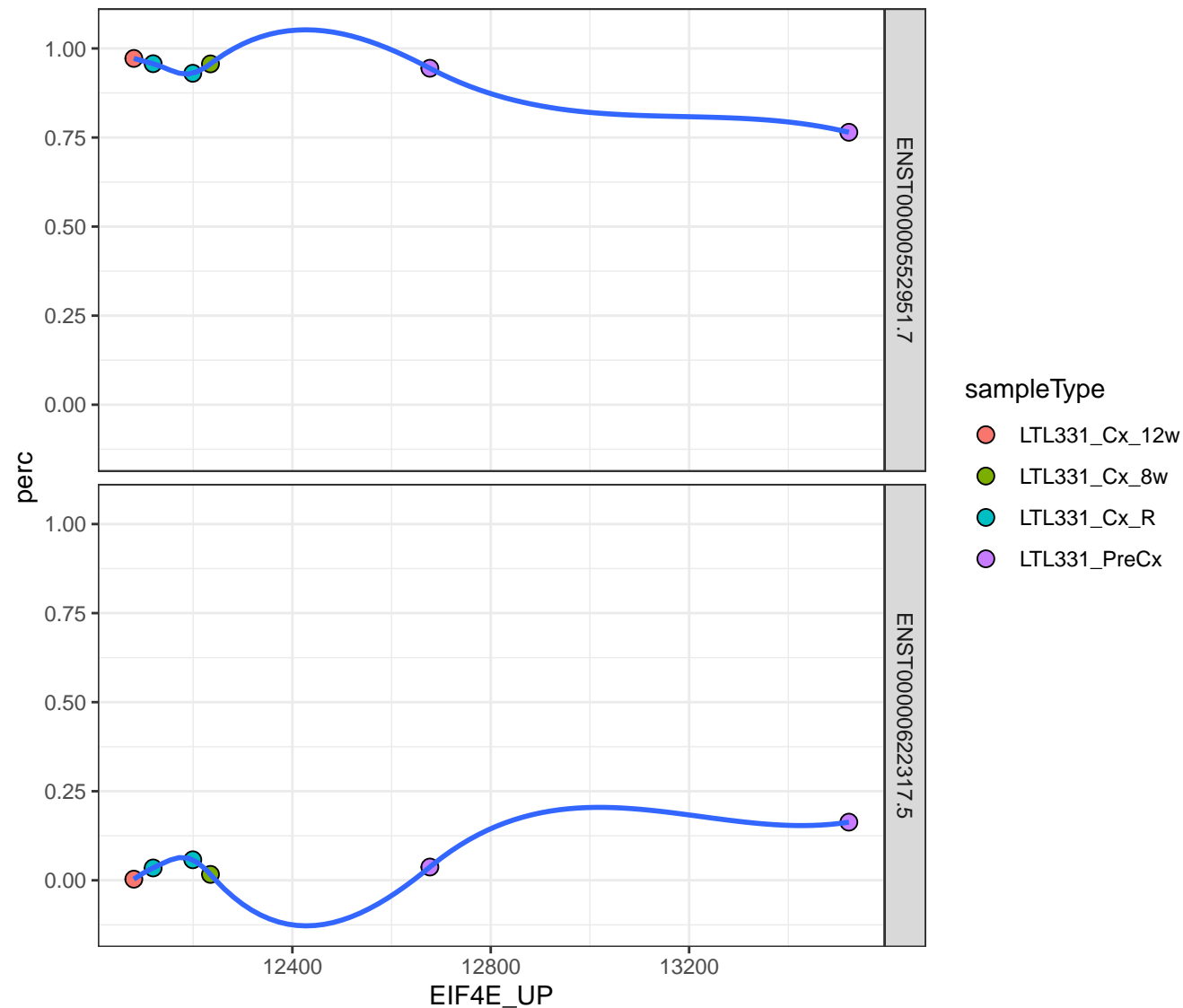ENST00000552951.7 (down) = −0.778377621863399
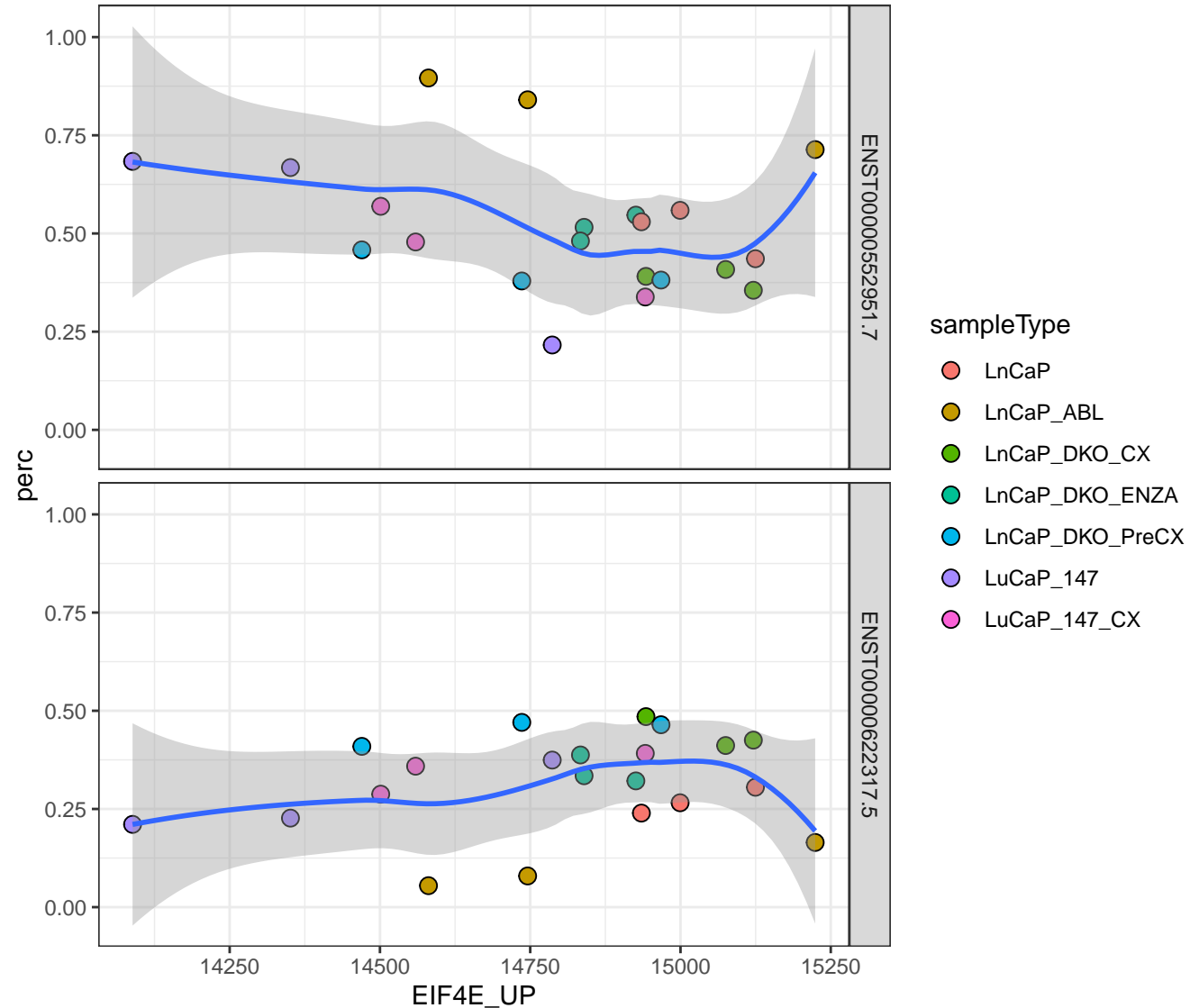
LTL_longitudinal
Gene = NOPCHAP1
Target = EIF4E_UP
ENST00000622317.5 (up) = 0.90949033708039
ENST00000552951.7 (down) = −0.93678519760629

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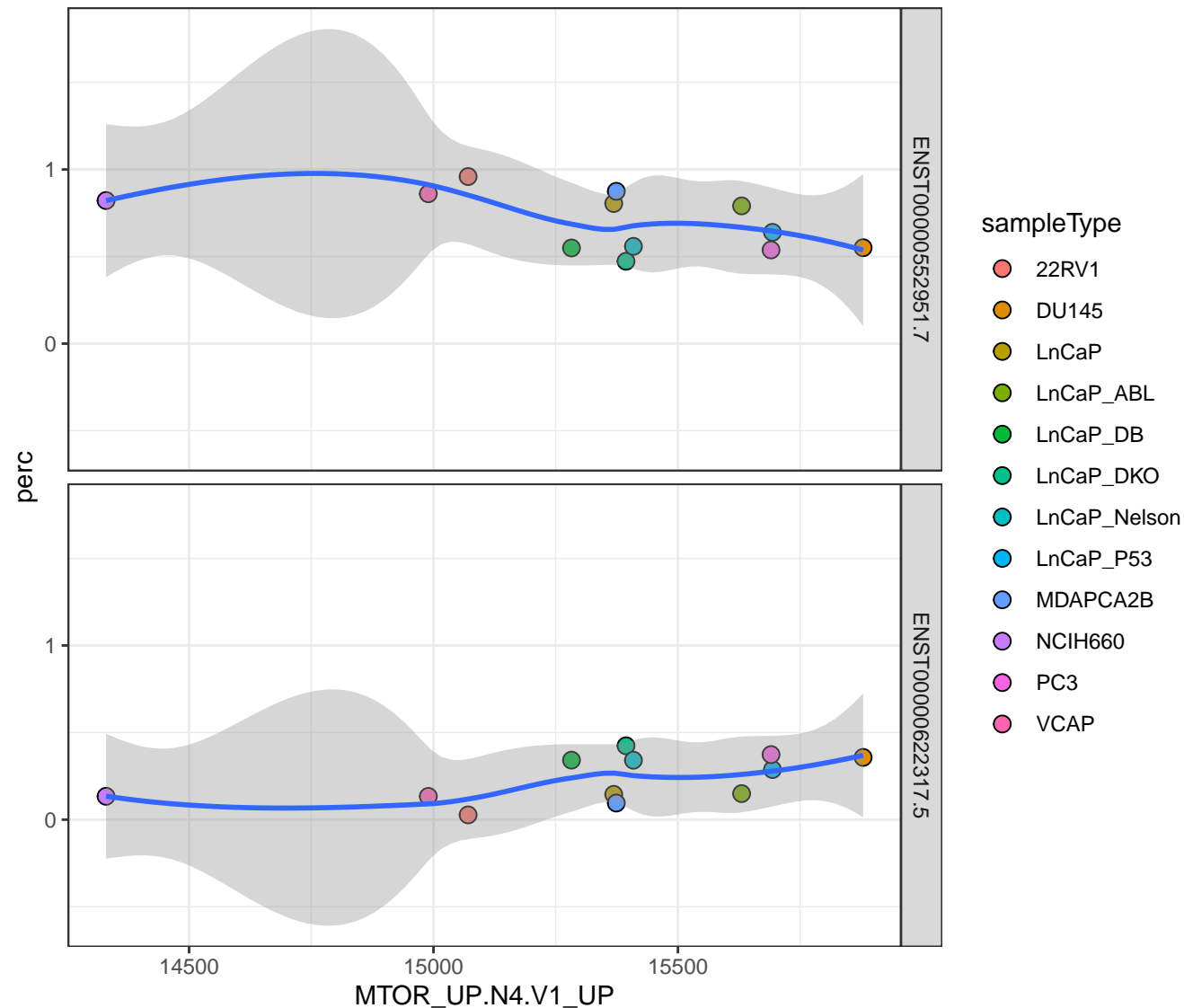ENST00000552951.7 (down) = −0.352305920536994

CellLine
Gene = NOPCHAP1
Target = MTOR_UP.N4.V1_UP
ENST00000622317.5 (up) = 0.510648730187374
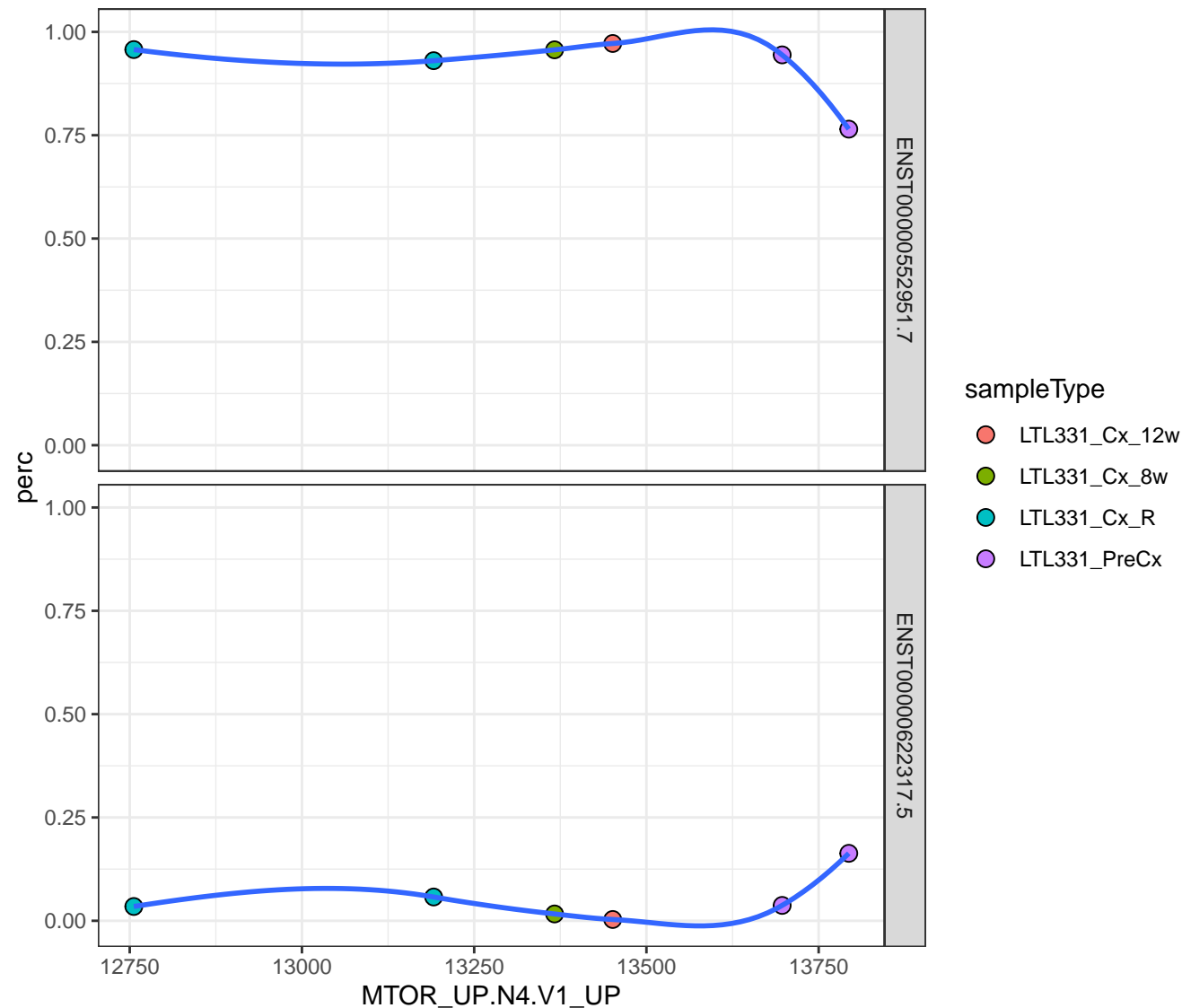ENST00000552951.7 (down) = −0.514214430261314
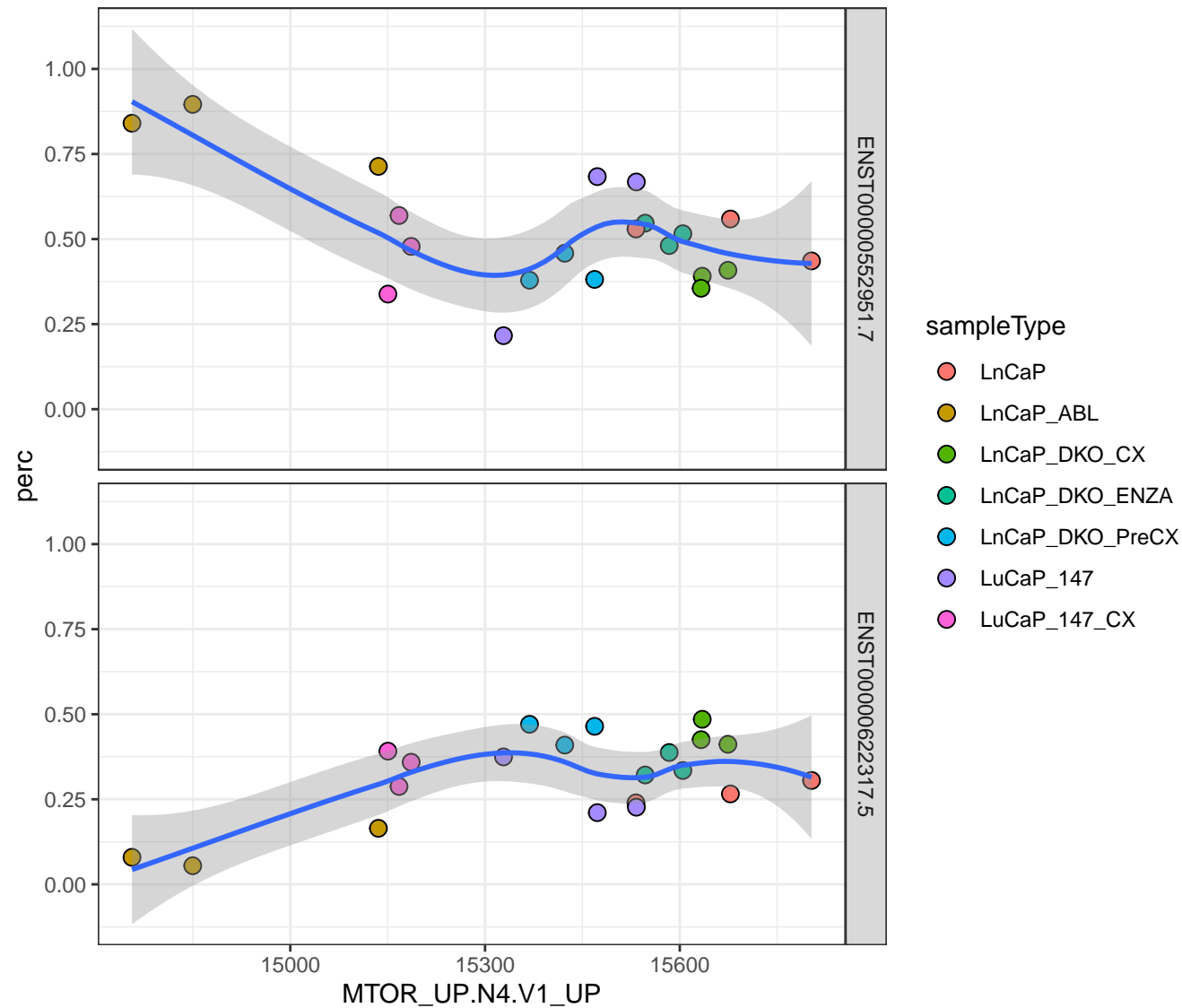
LTL_longitudinal
Gene = NOPCHAP1
Target = MTOR_UP.N4.V1_UP
ENST00000622317.5 (up) = 0.446139898305638
ENST00000552951.7 (down) = −0.538391388480028

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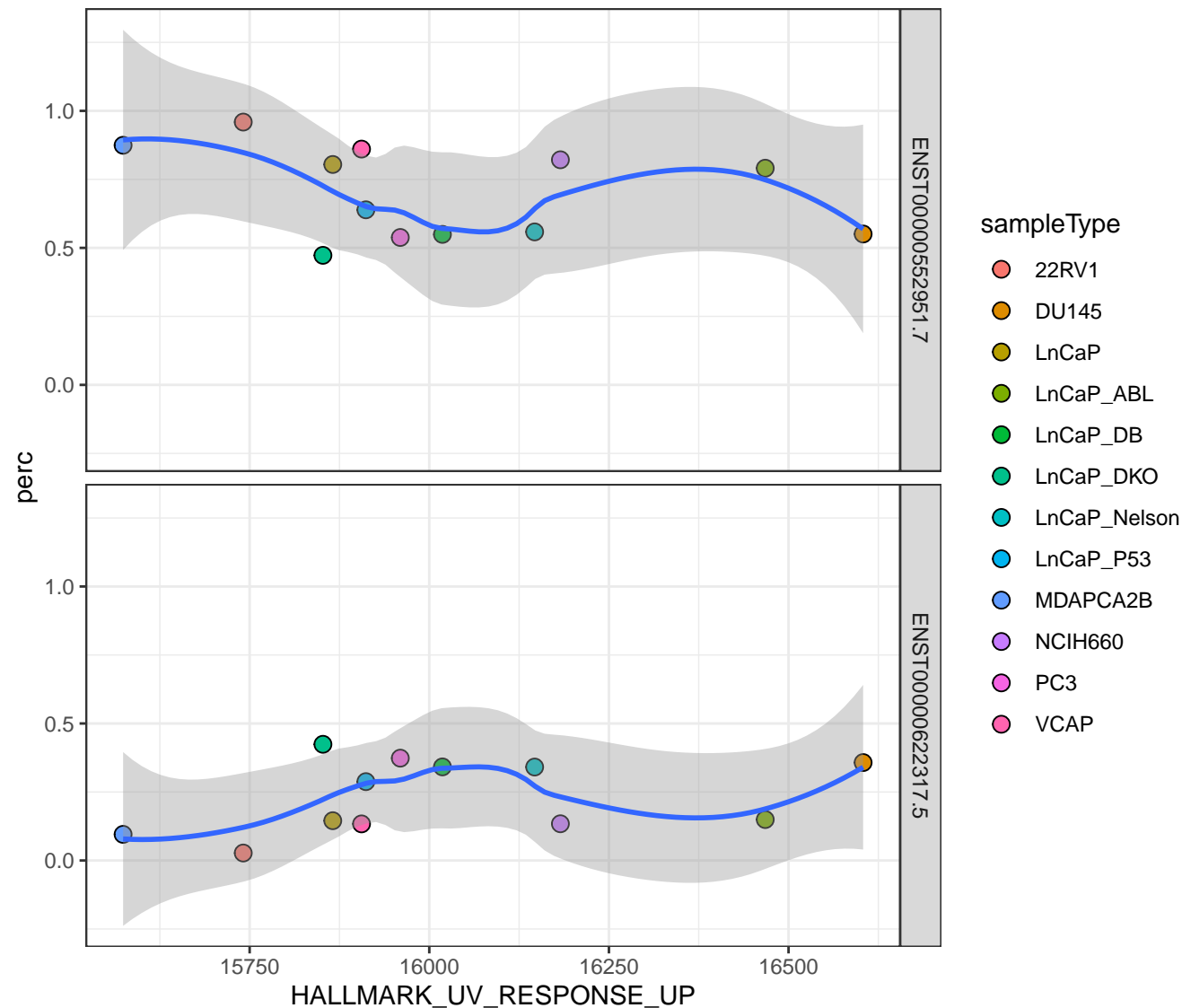ENST00000552951.7 (down) = −0.536526474814355

CellLine
Gene = NOPCHAP1
Target = HALLMARK_UV_RESPONSE_UP
ENST00000622317.5 (up) = 0.304119701989685
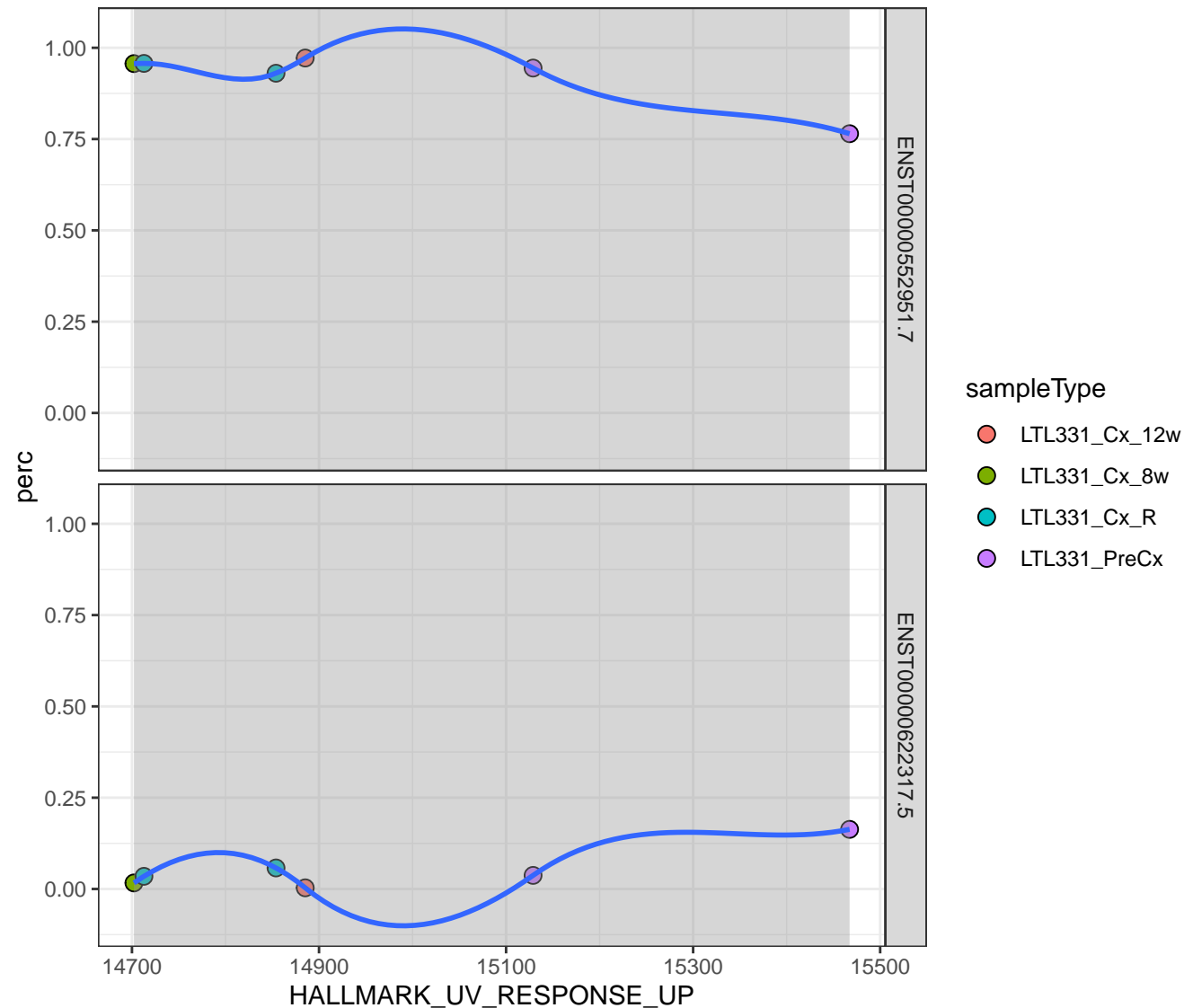ENST00000552951.7 (down) = −0.326303940667086
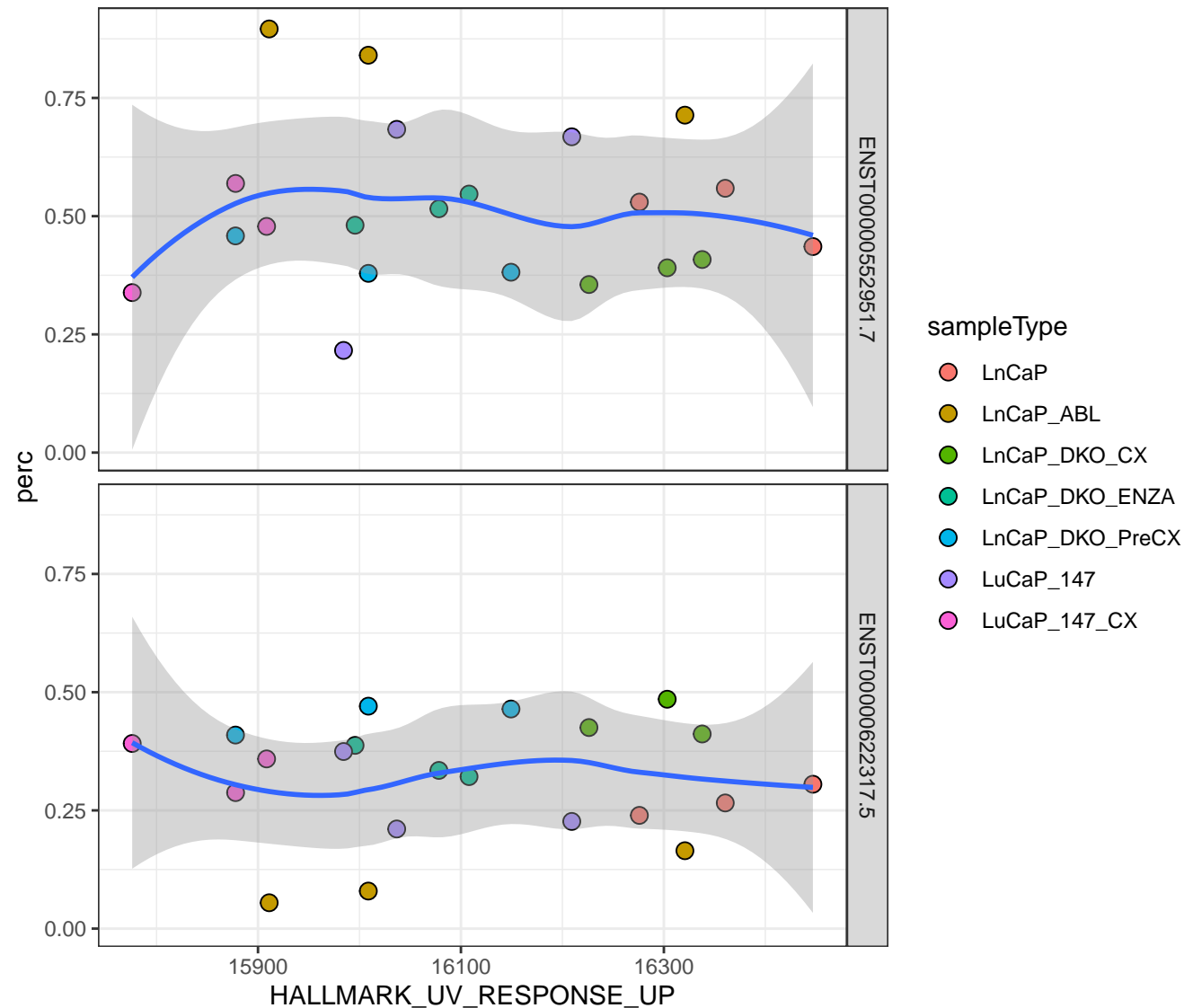
LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_UV_RESPONSE_UP
ENST00000622317.5 (up) = 0.834076804089033
ENST00000552951.7 (down) = −0.861438914680929

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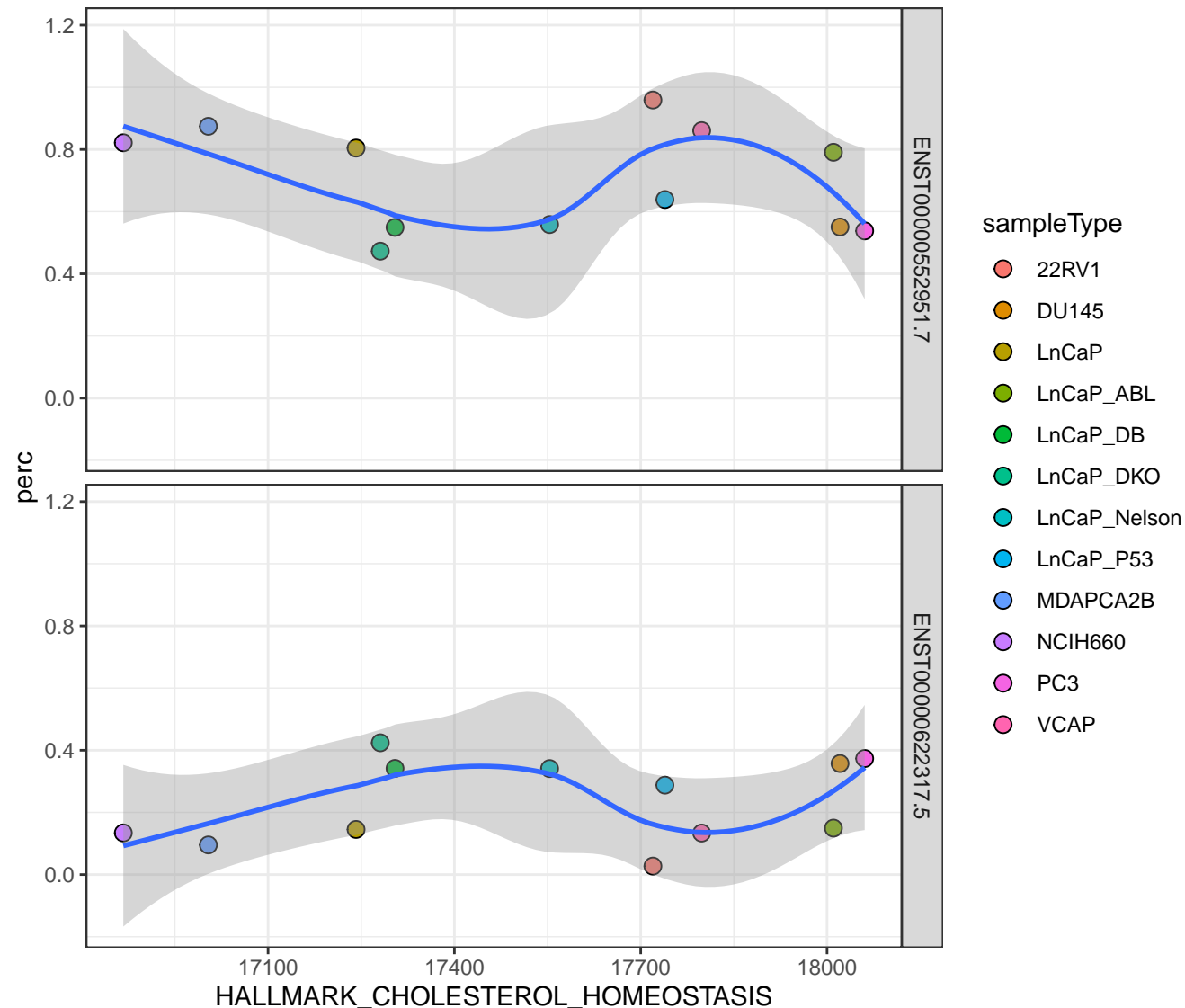ENST00000552951.7 (down) = −0.0425094218997432

CellLine
Gene = NOPCHAP1
Target = HALLMARK_CHOLESTEROL_HOMEOSTASIS
ENST00000622317.5 (up) = 0.227233230284274
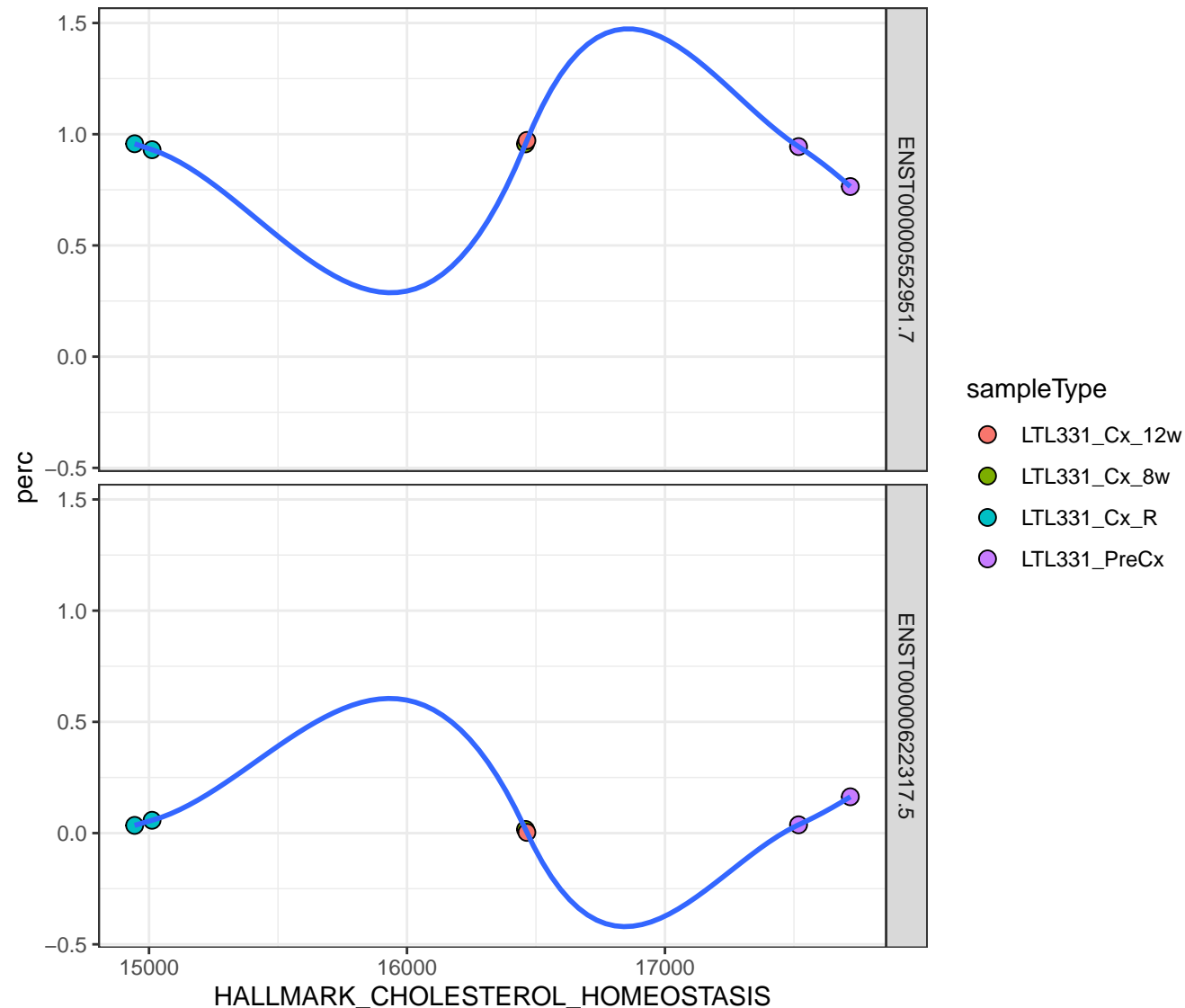ENST00000552951.7 (down) = −0.204350092970209
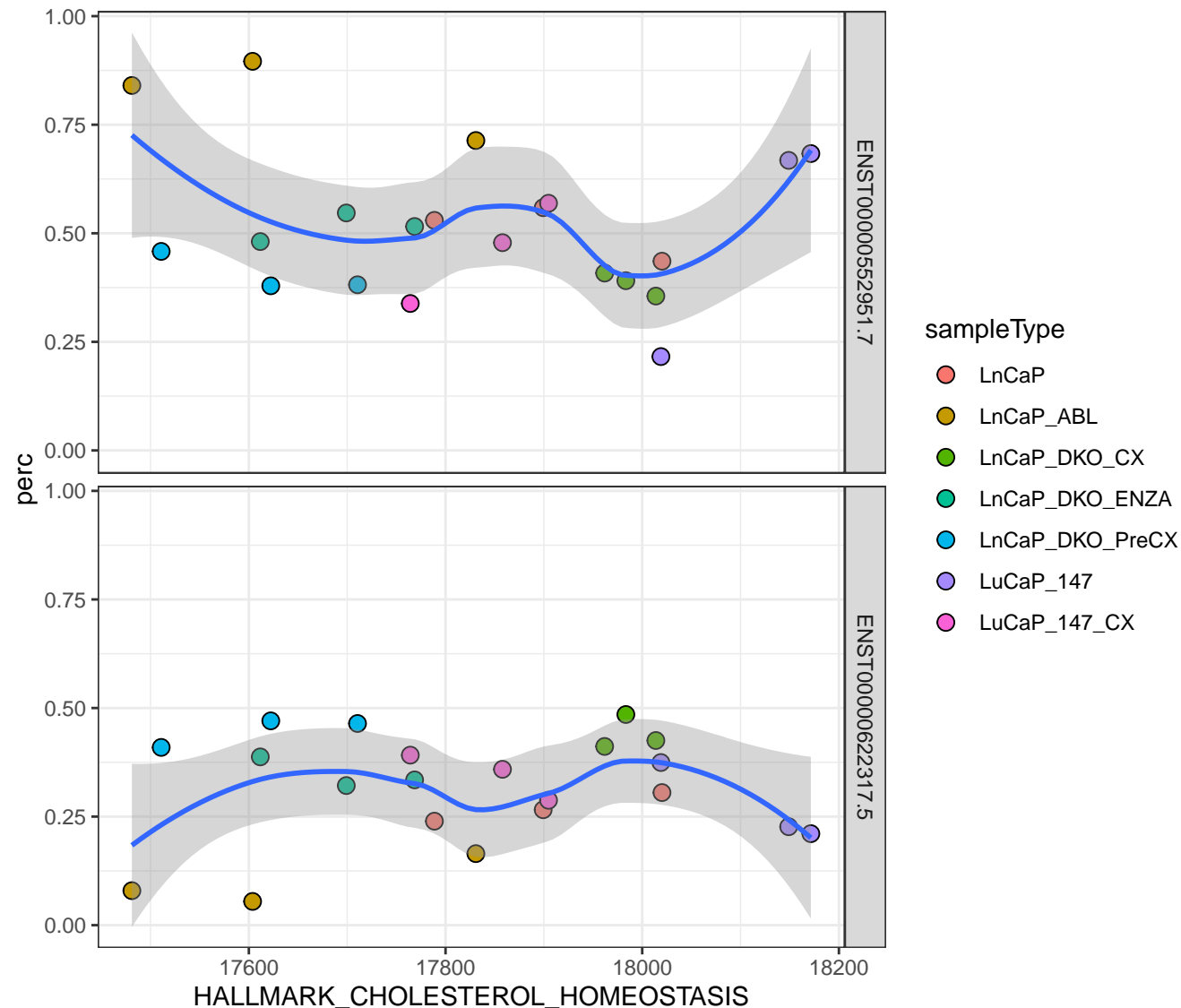
LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_CHOLESTEROL_HOMEOSTASIS
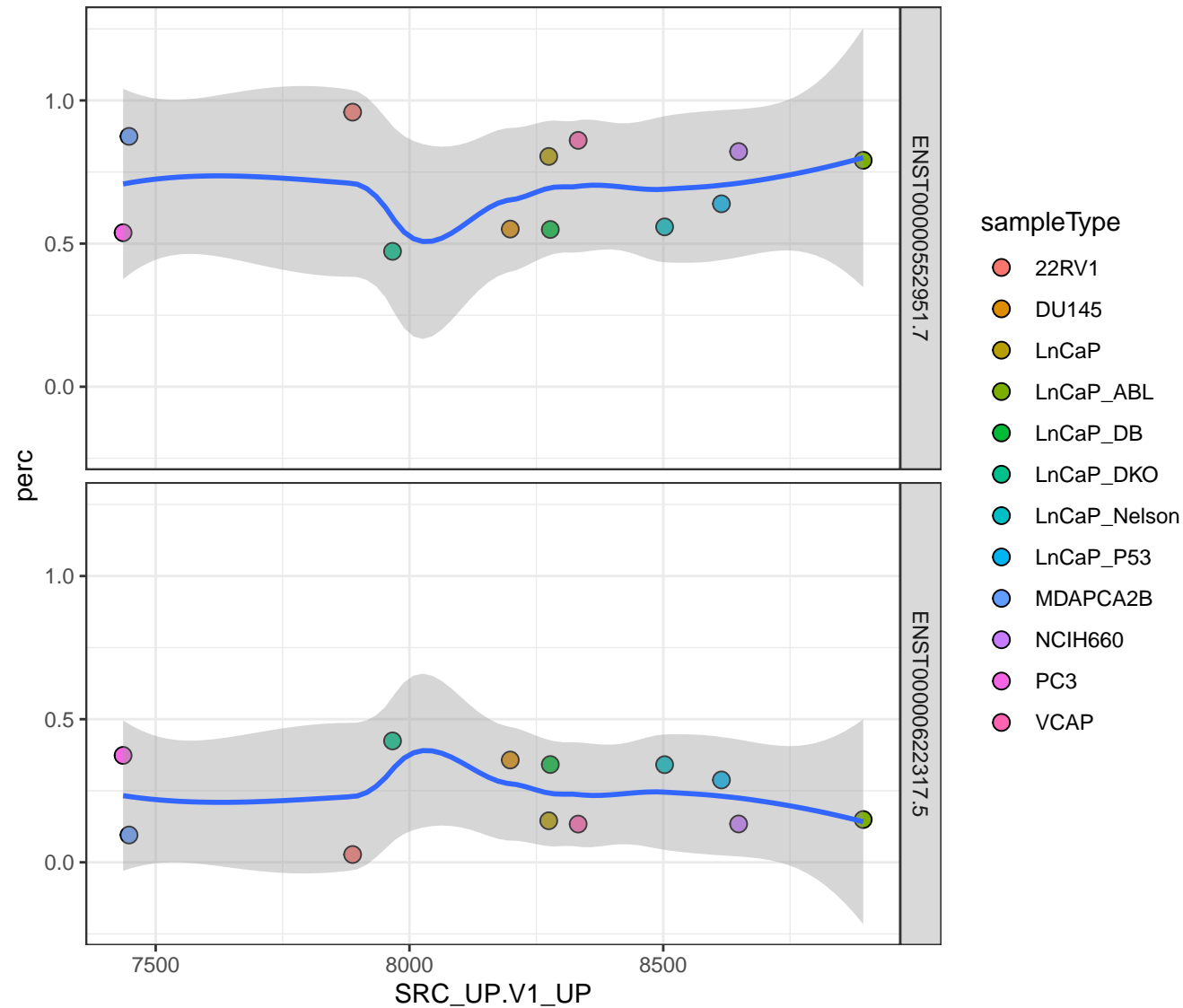ENST00000622317.5 (up) = 0.417193853662553
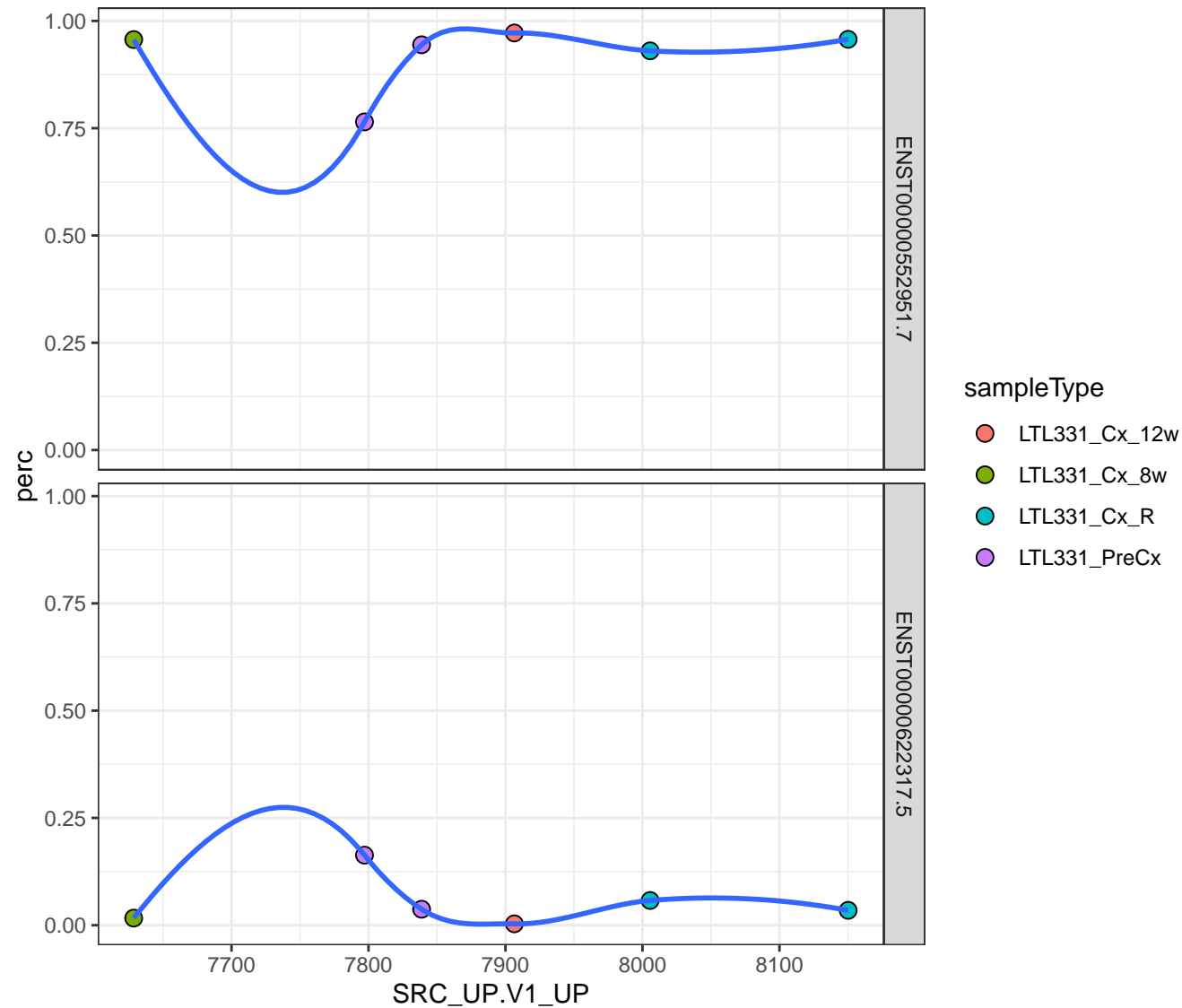ENST00000552951.7 (down) = −0.520840858137357

PDX_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_CHOLESTEROL_HOMEOSTASIS
ENST00000622317.5 (up) = 0.0863102469983777
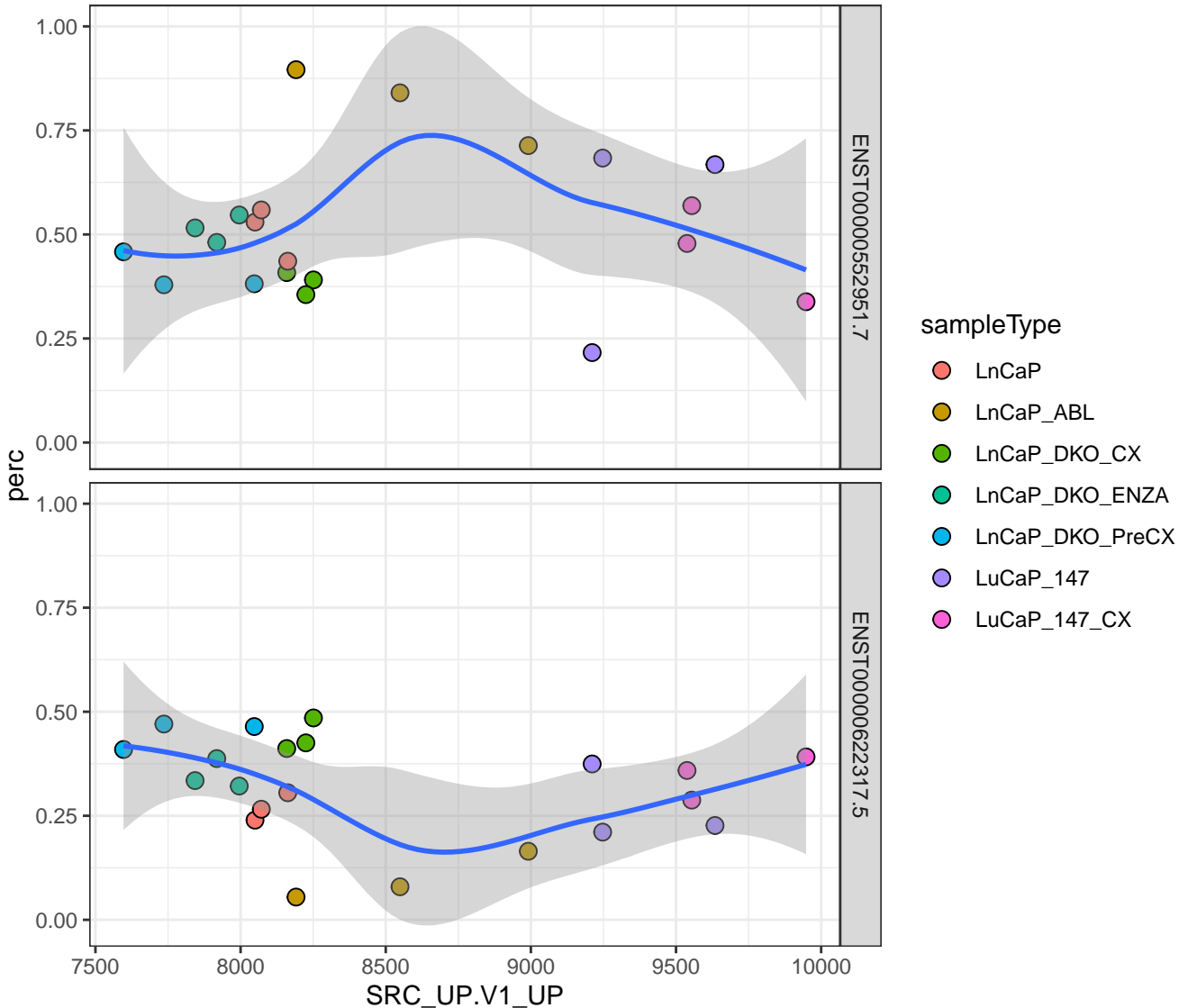ENST00000552951.7 (down) = −0.216473365543868

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
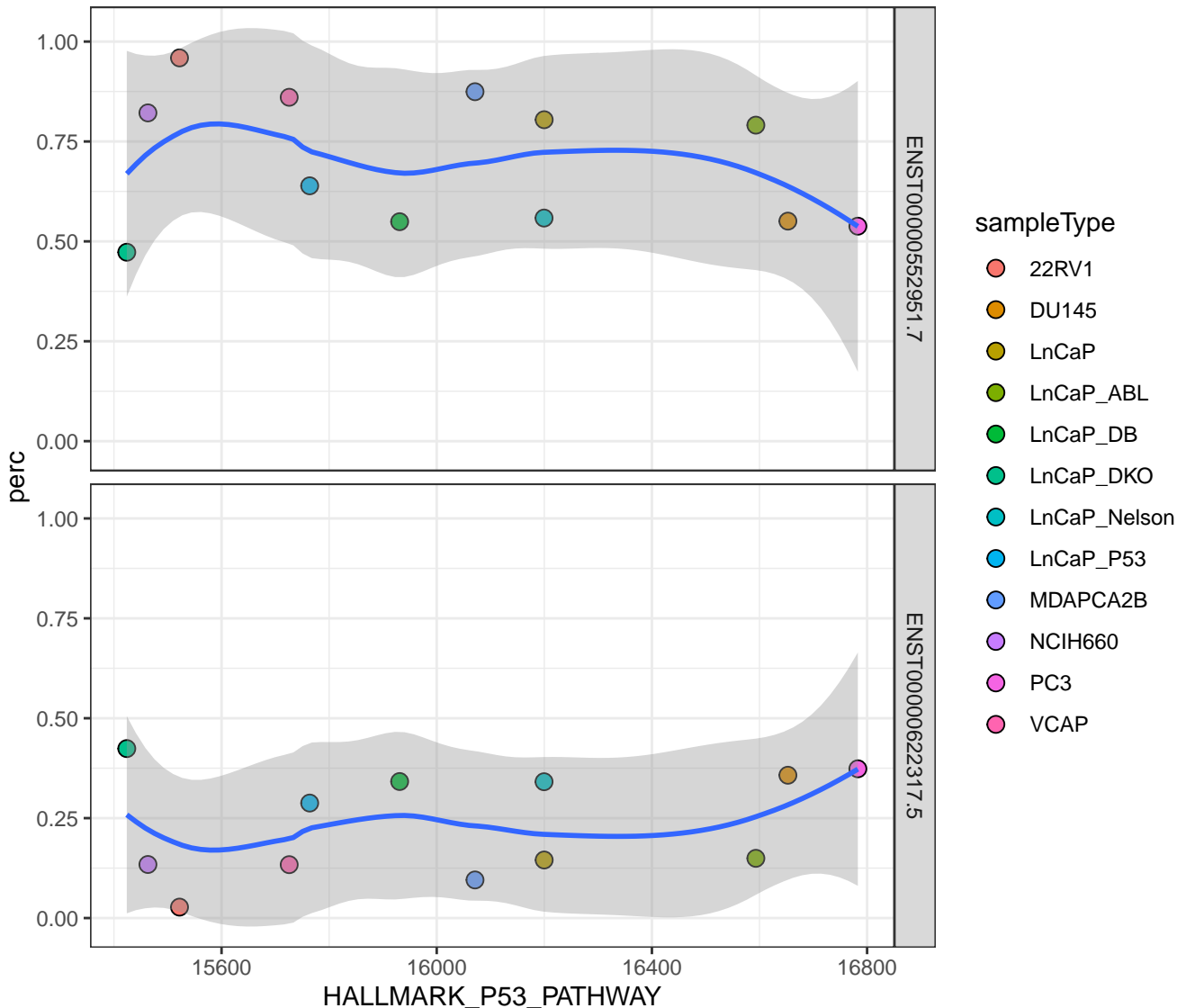ENST00000552951.7 (down) = 0.0728636872761816

CellLine
Gene = NOPCHAP1
Target = HALLMARK_P53_PATHWAY
ENST00000622317.5 (up) = 0.266542777834118
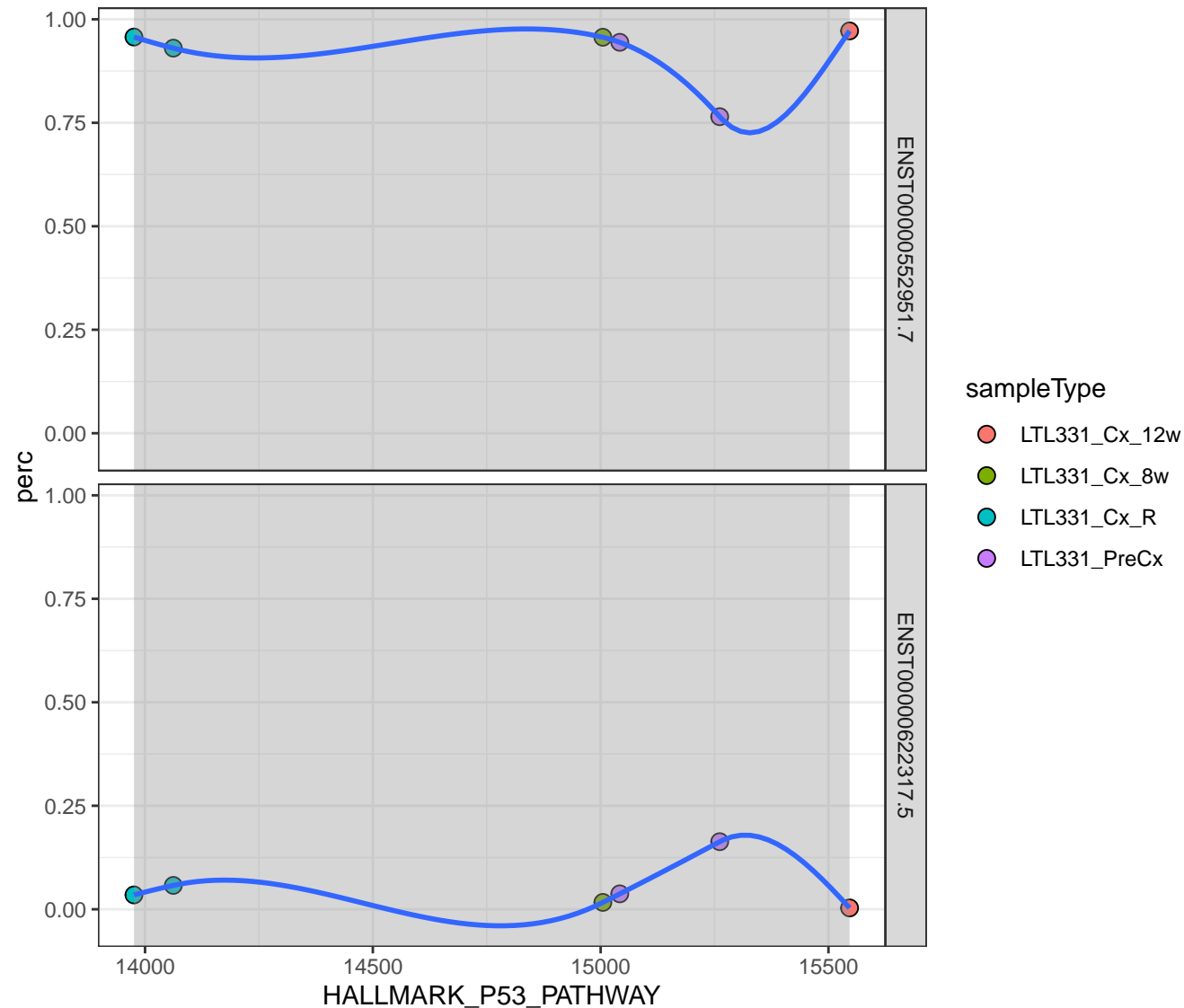ENST00000552951.7 (down) = −0.282039346393245
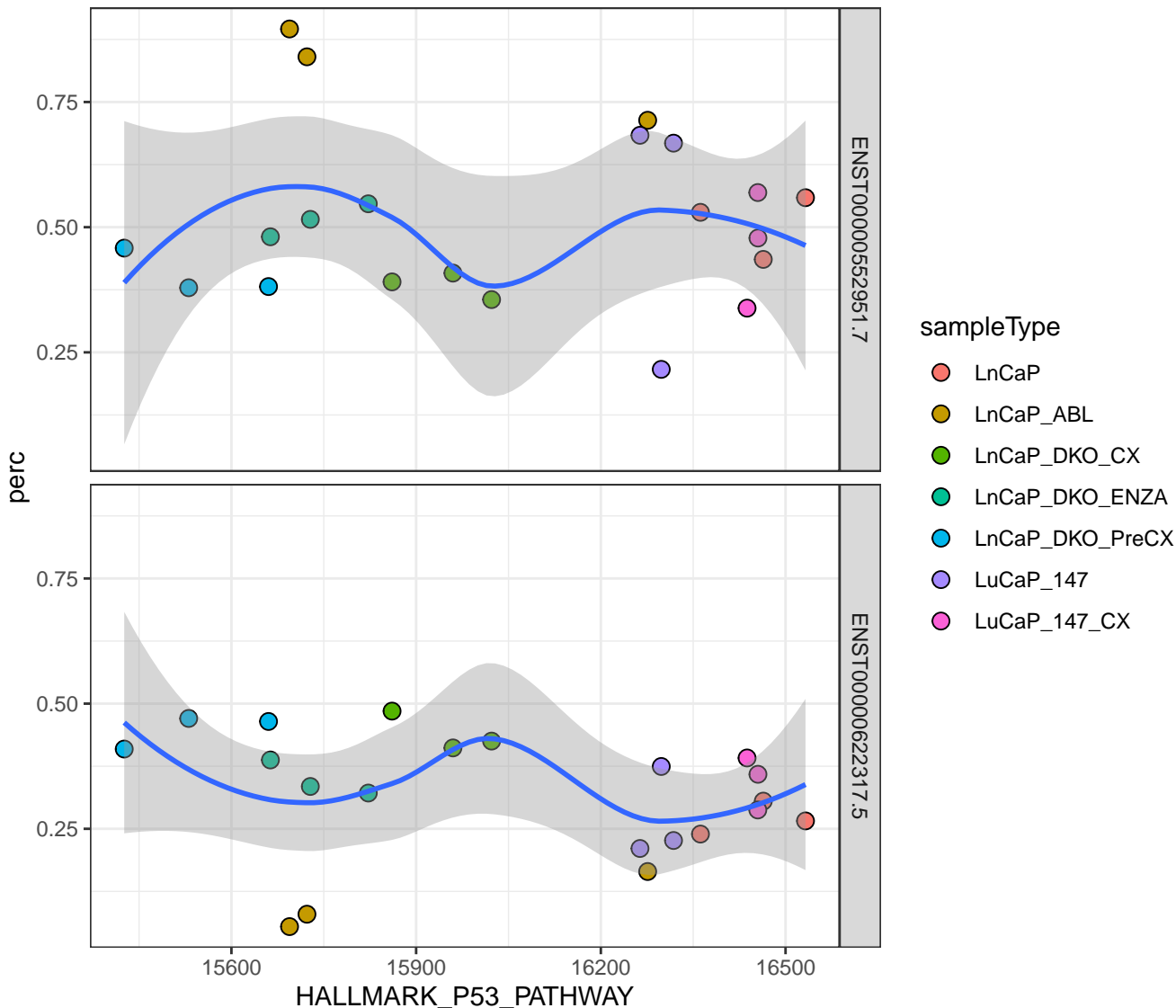
LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_P53_PATHWAY
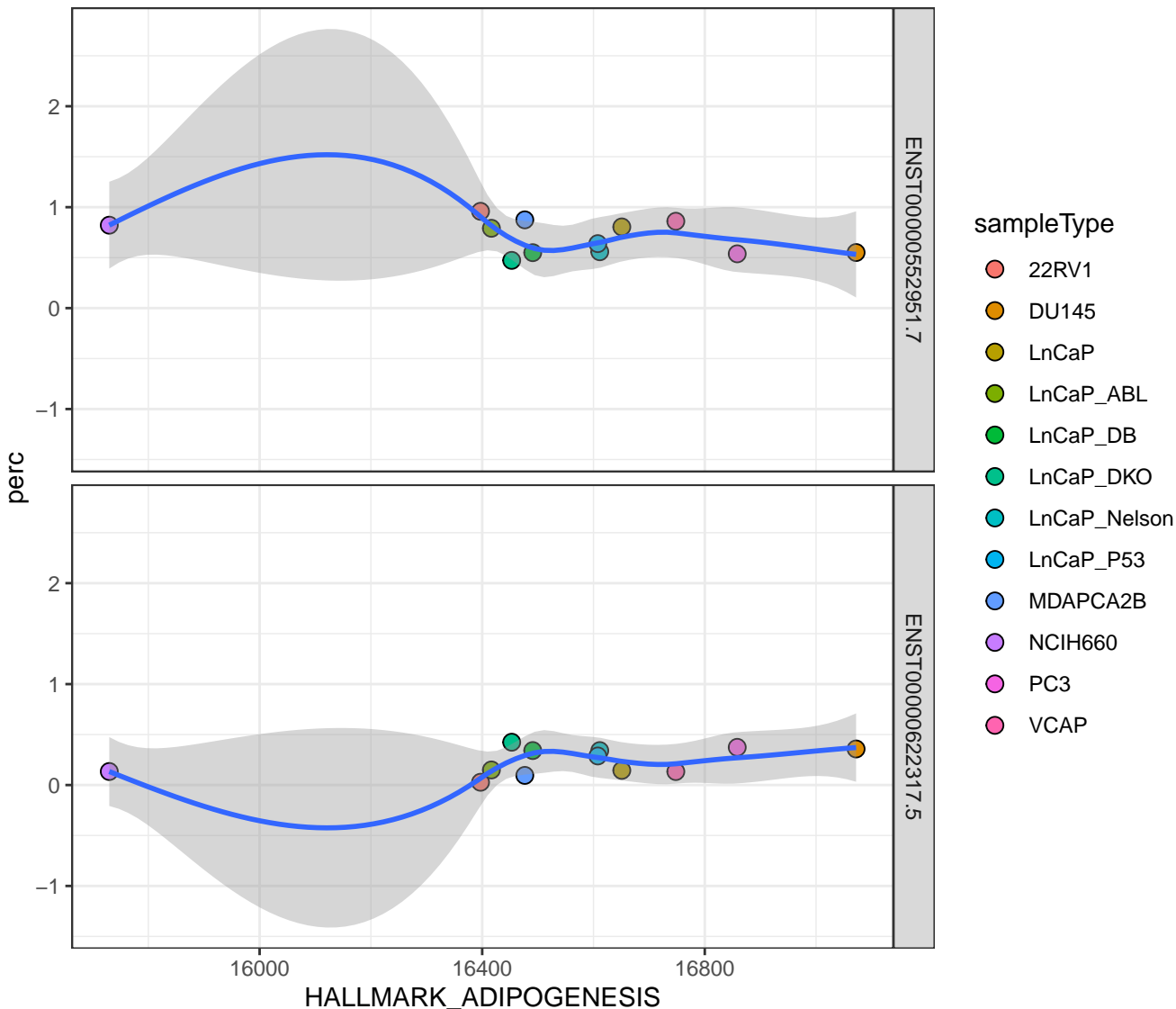ENST00000622317.5 (up) = 0.0761693277445701
ENST00000552951.7 (down) = −0.229686950992998

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
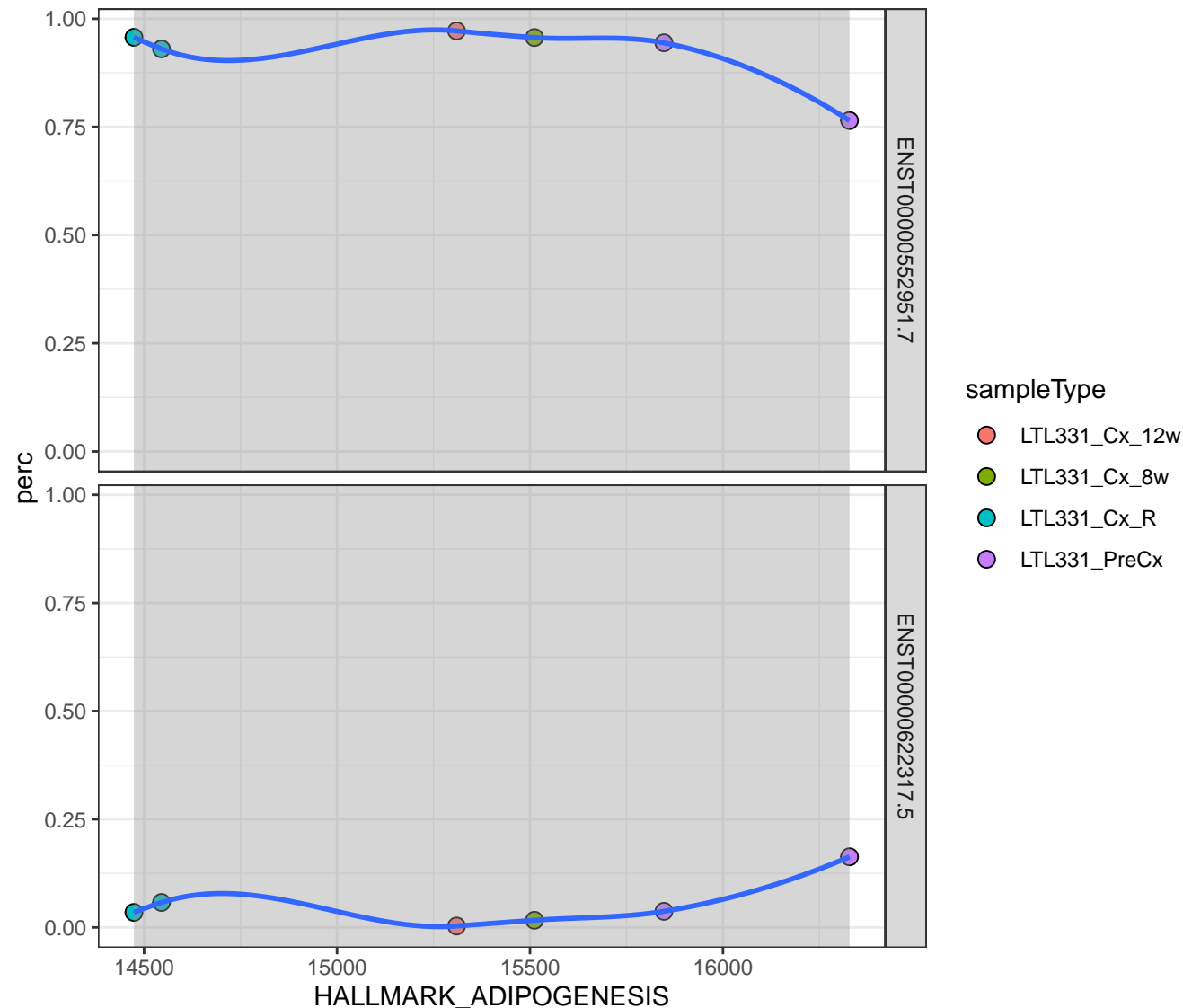ENST00000552951.7 (down) = −0.389684549294756
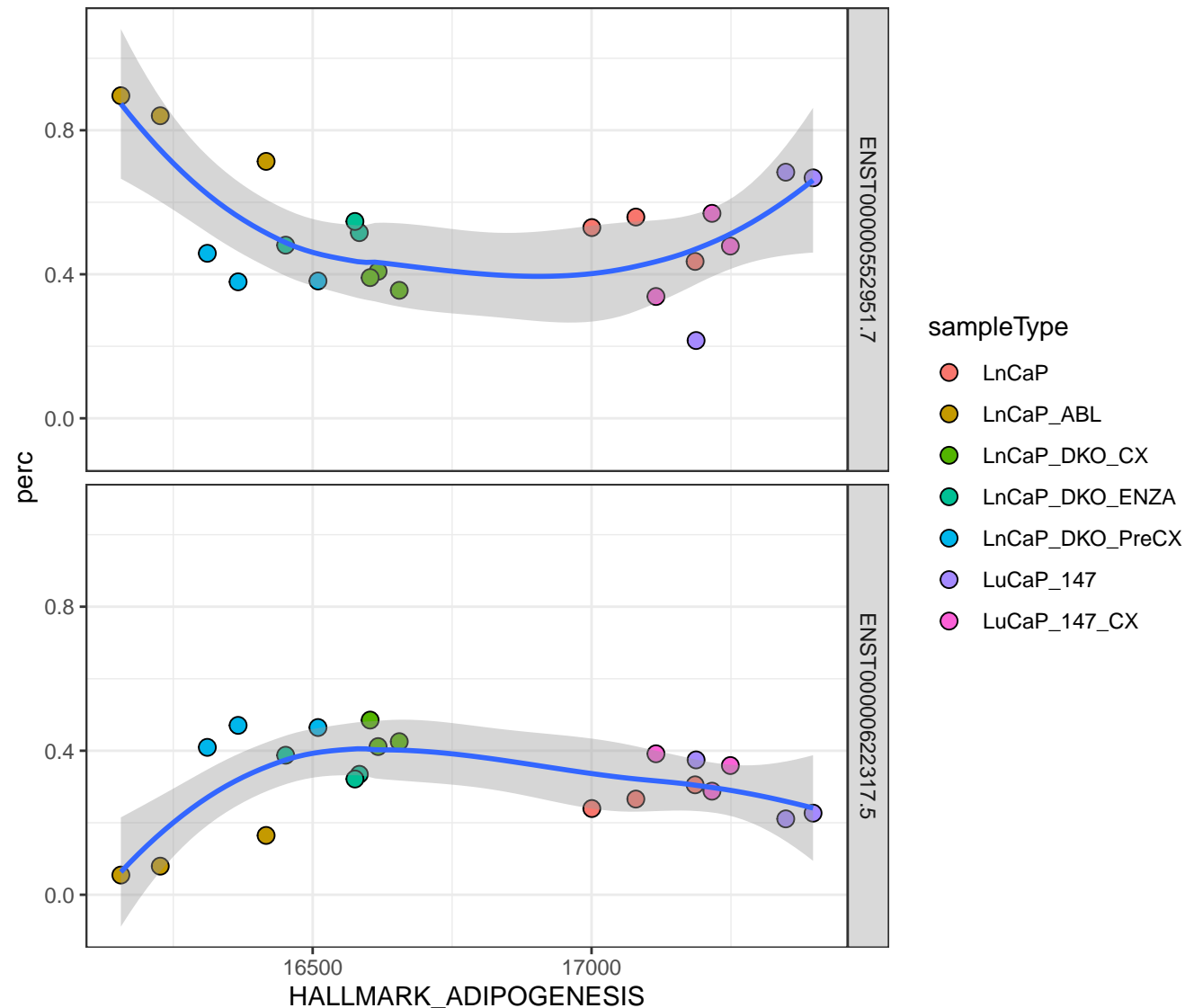
LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_ADIPOGENESIS
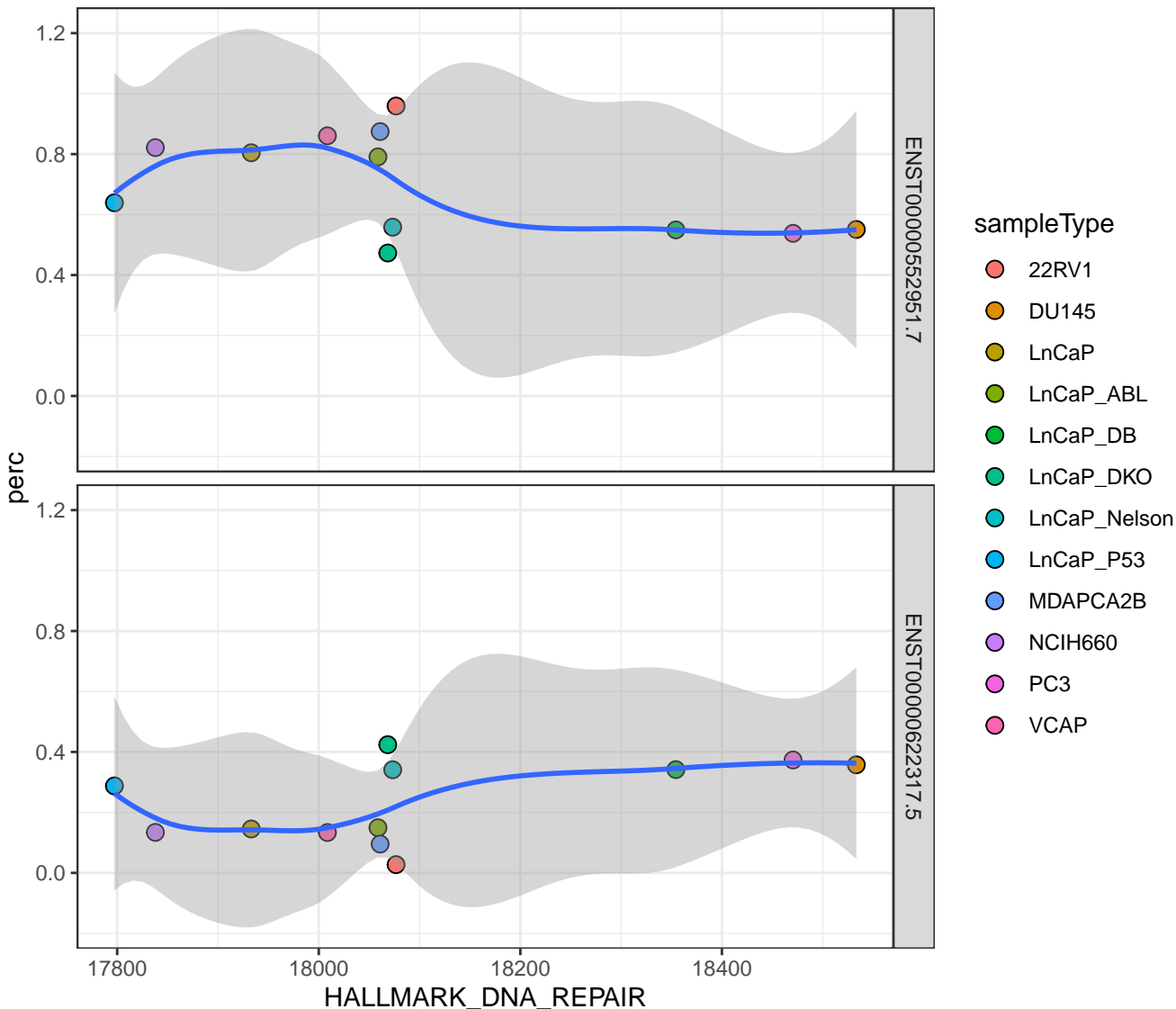ENST00000622317.5 (up) = 0.517662386240785
ENST00000552951.7 (down) = −0.624807580243569

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
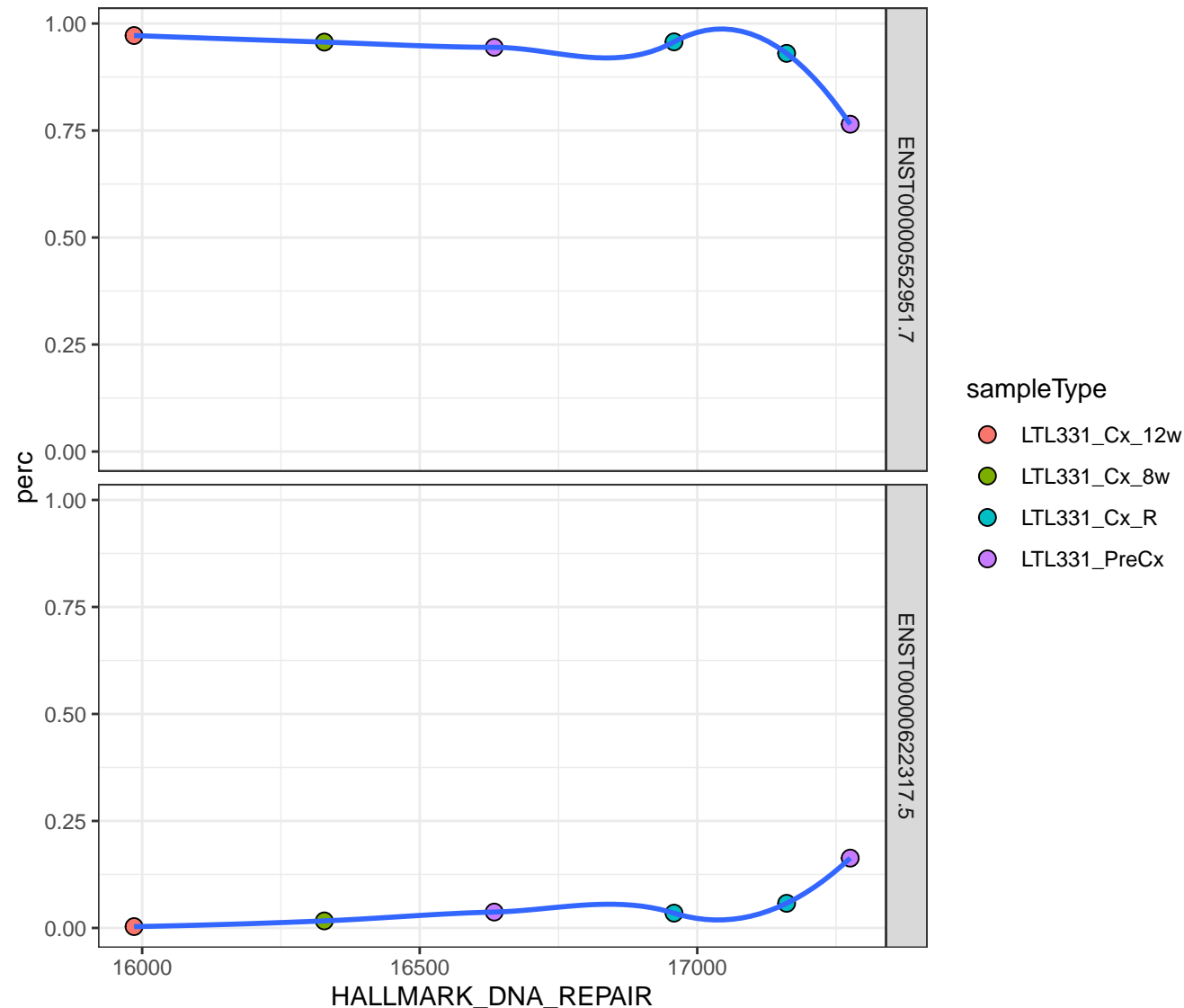ENST00000552951.7 (down) = −0.50560578035948
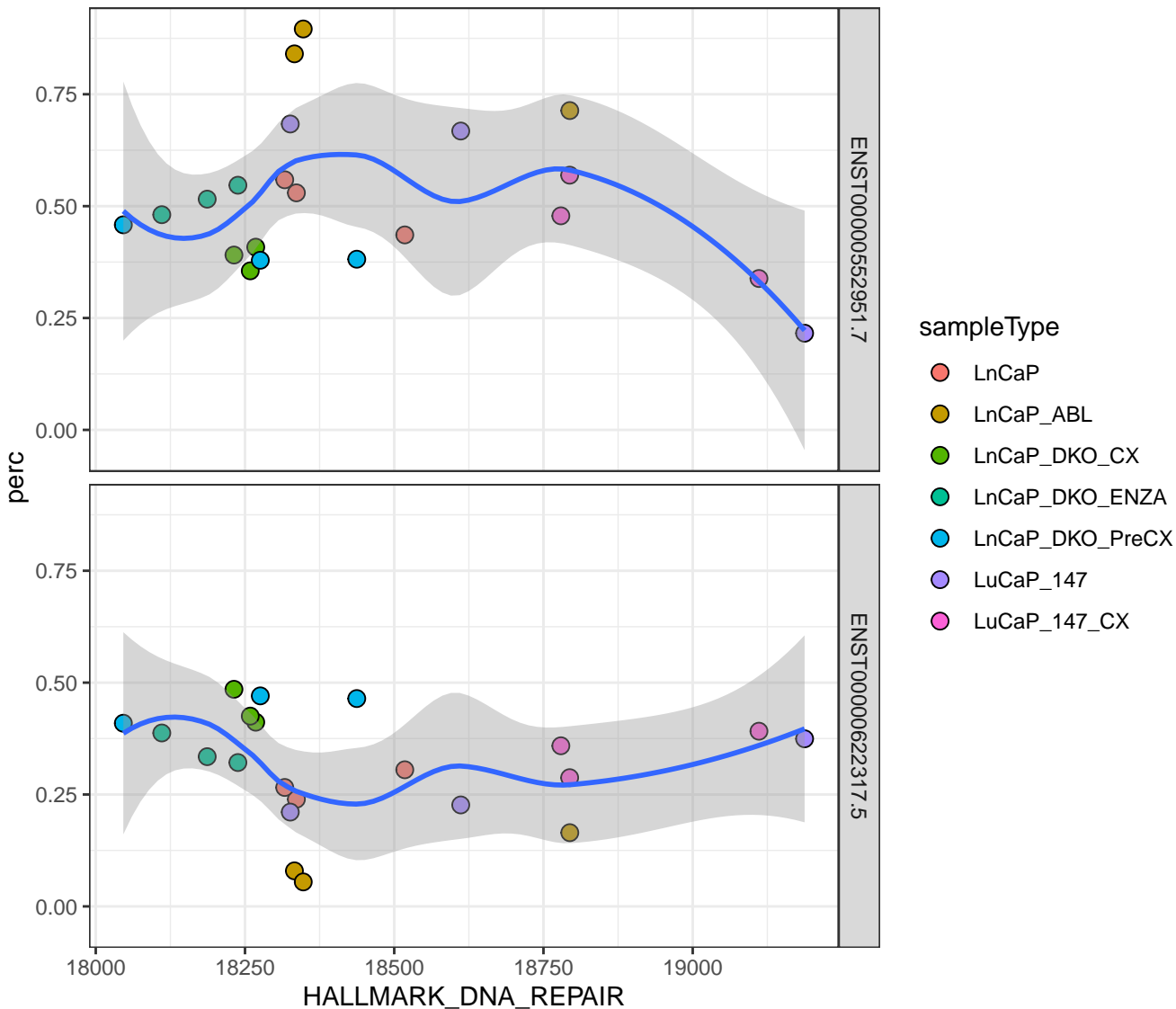
LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_DNA_REPAIR
ENST00000622317.5 (up) = 0.769371773536922
ENST00000552951.7 (down) = −0.653158240994402

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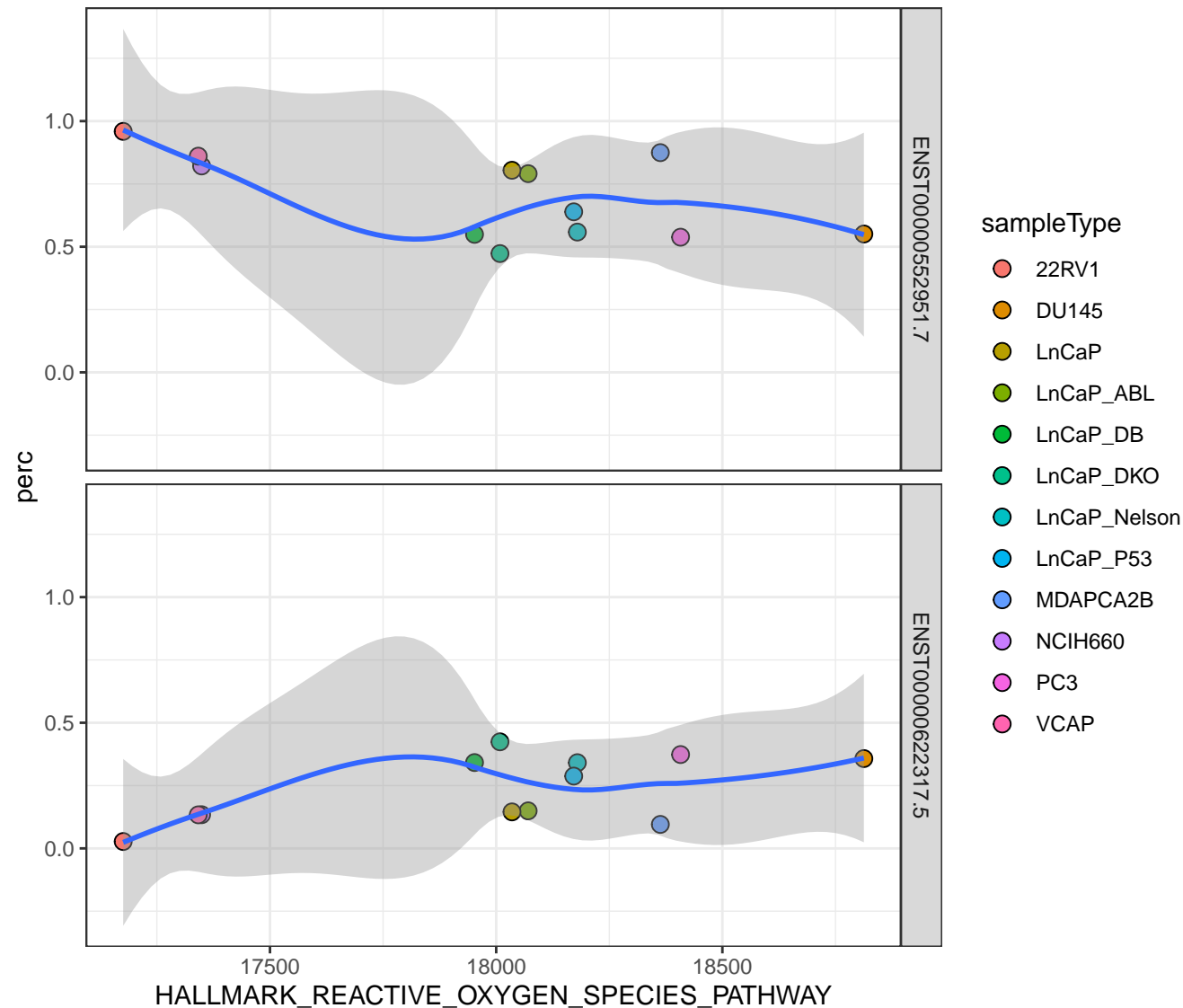ENST00000552951.7 (down) = −0.20658655575798

CellLine
Gene = NOPCHAP1
Target = HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY
ENST00000622317.5 (up) = 0.601863692389627
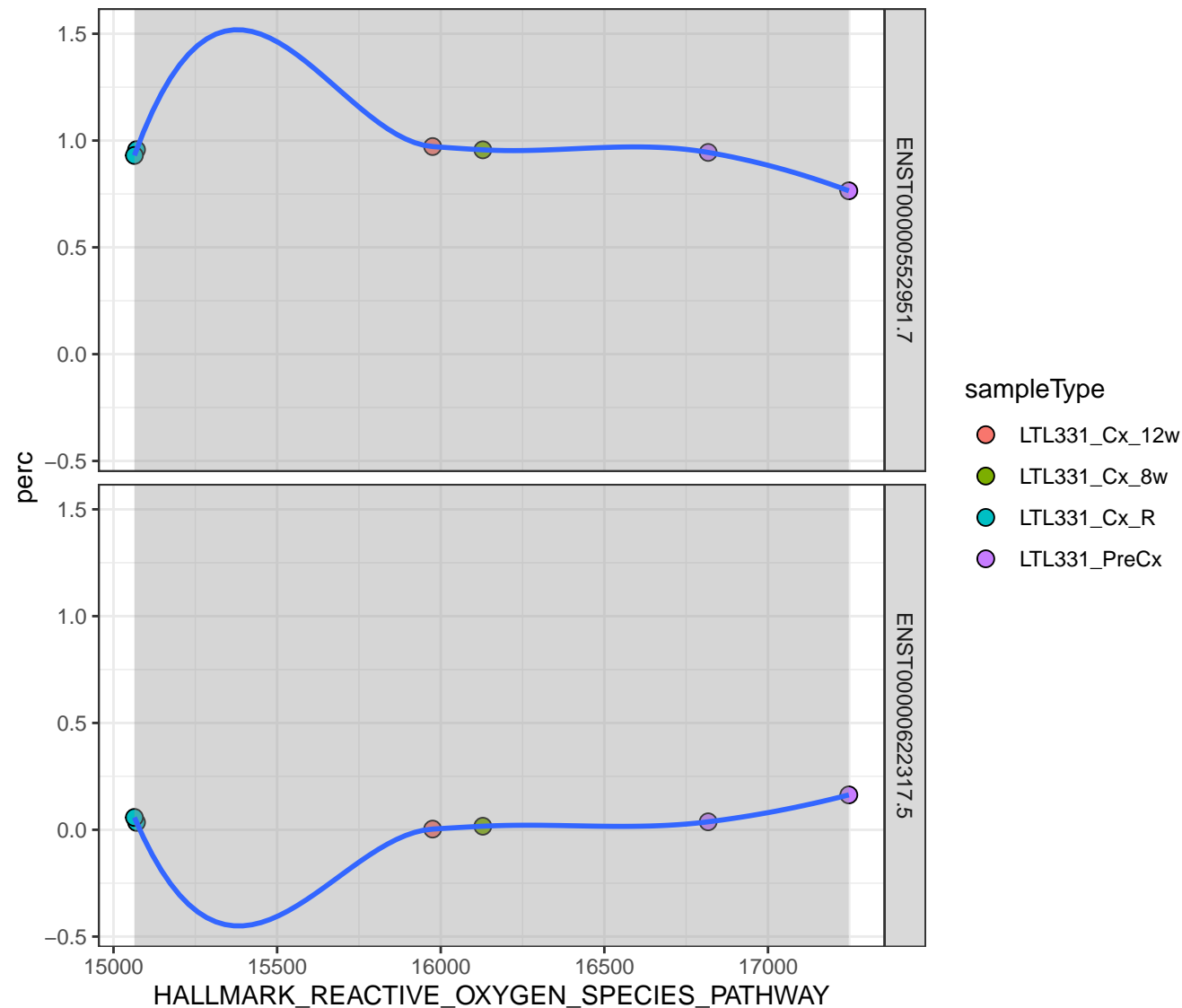ENST00000552951.7 (down) = −0.614917089376127

LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY
ENST00000622317.5 (up) = 0.523349996022222
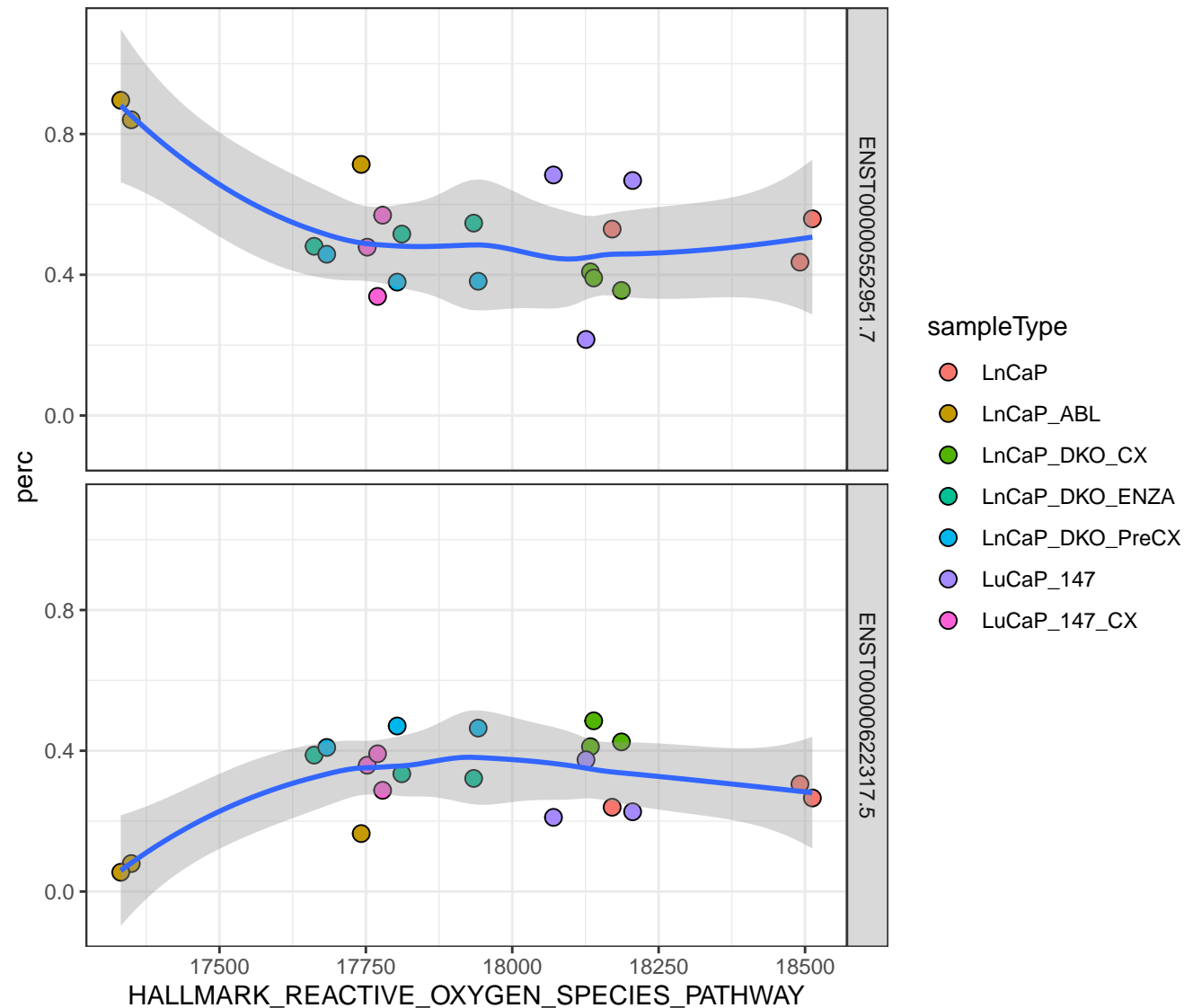ENST00000552951.7 (down) = −0.620186197953161

PDX_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY
ENST00000622317.5 (up) = 0.321649722647872
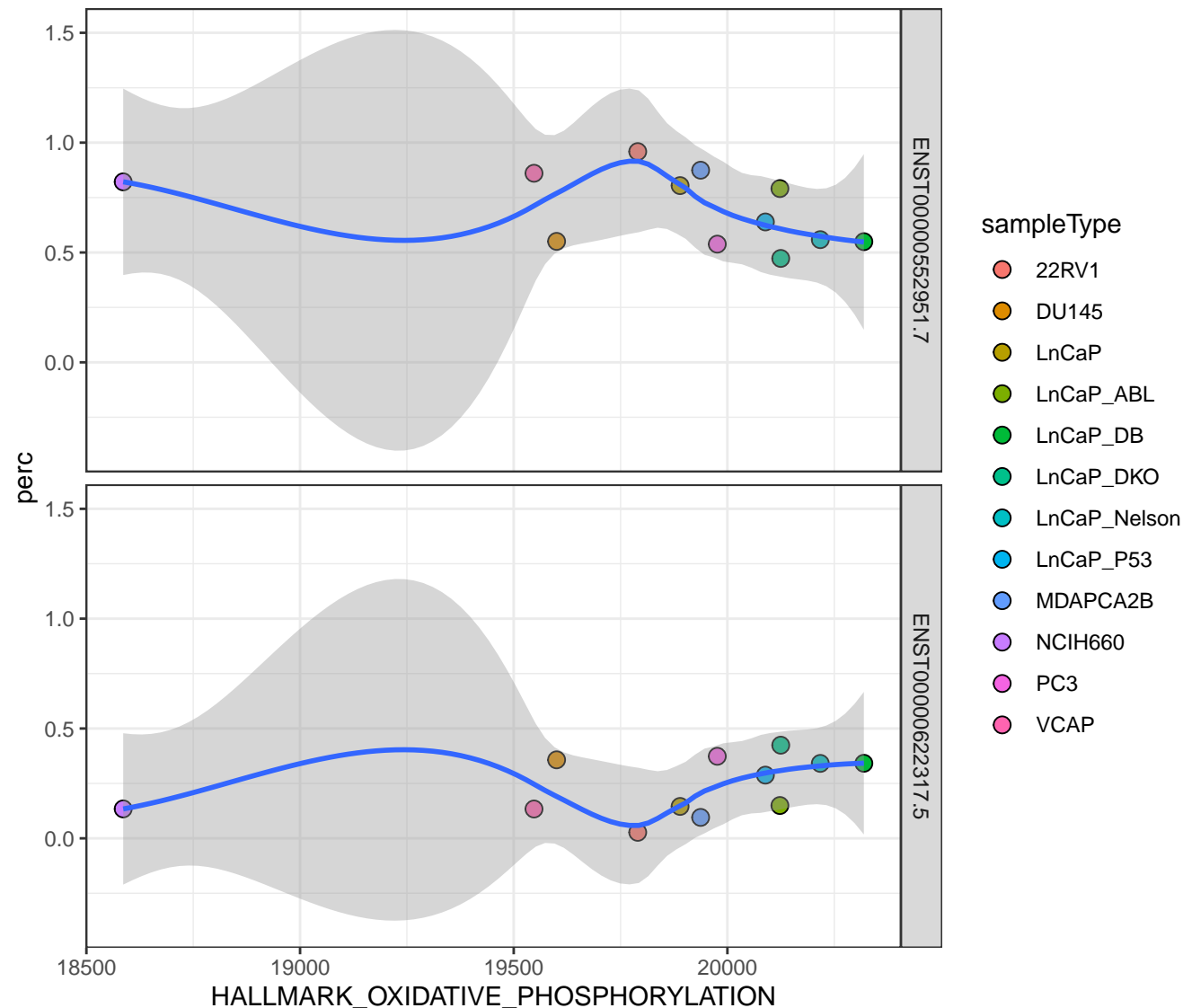ENST00000552951.7 (down) = −0.458455034647787

CellLine
Gene = NOPCHAP1
Target = HALLMARK_OXIDATIVE_PHOSPHORYLATION
ENST00000622317.5 (up) = 0.403952204835816
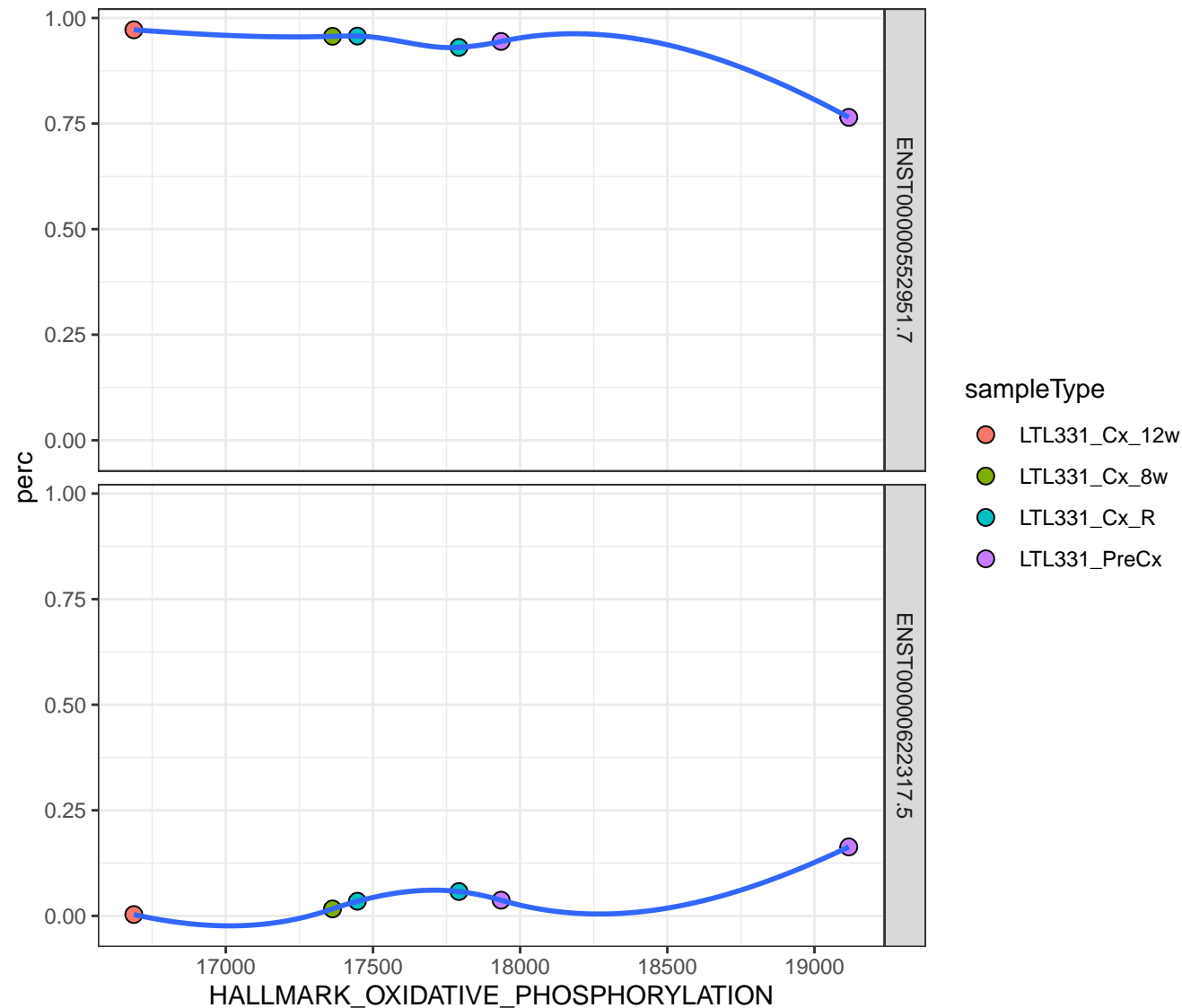ENST00000552951.7 (down) = −0.42249706182796
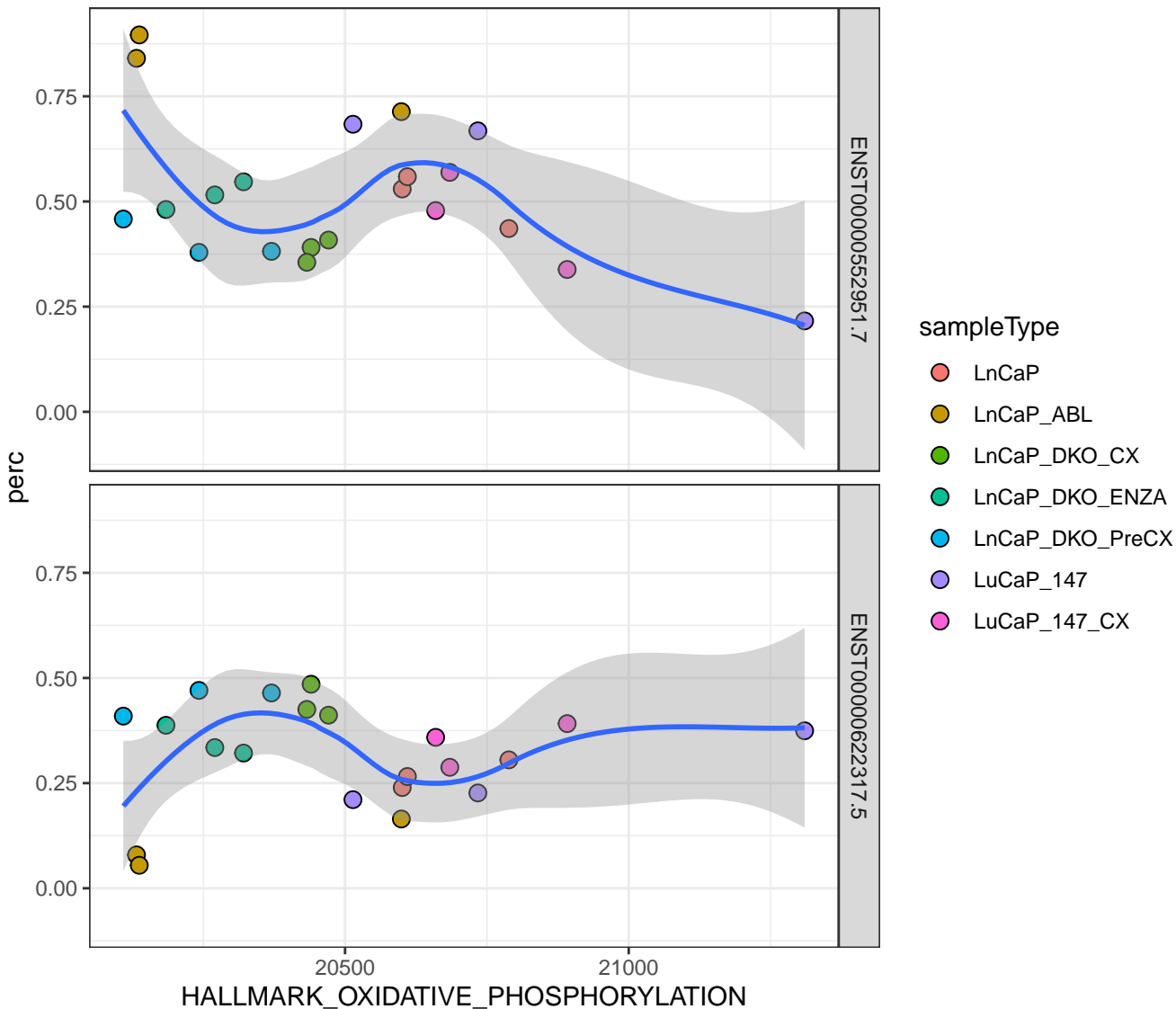
LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_OXIDATIVE_PHOSPHORYLATION
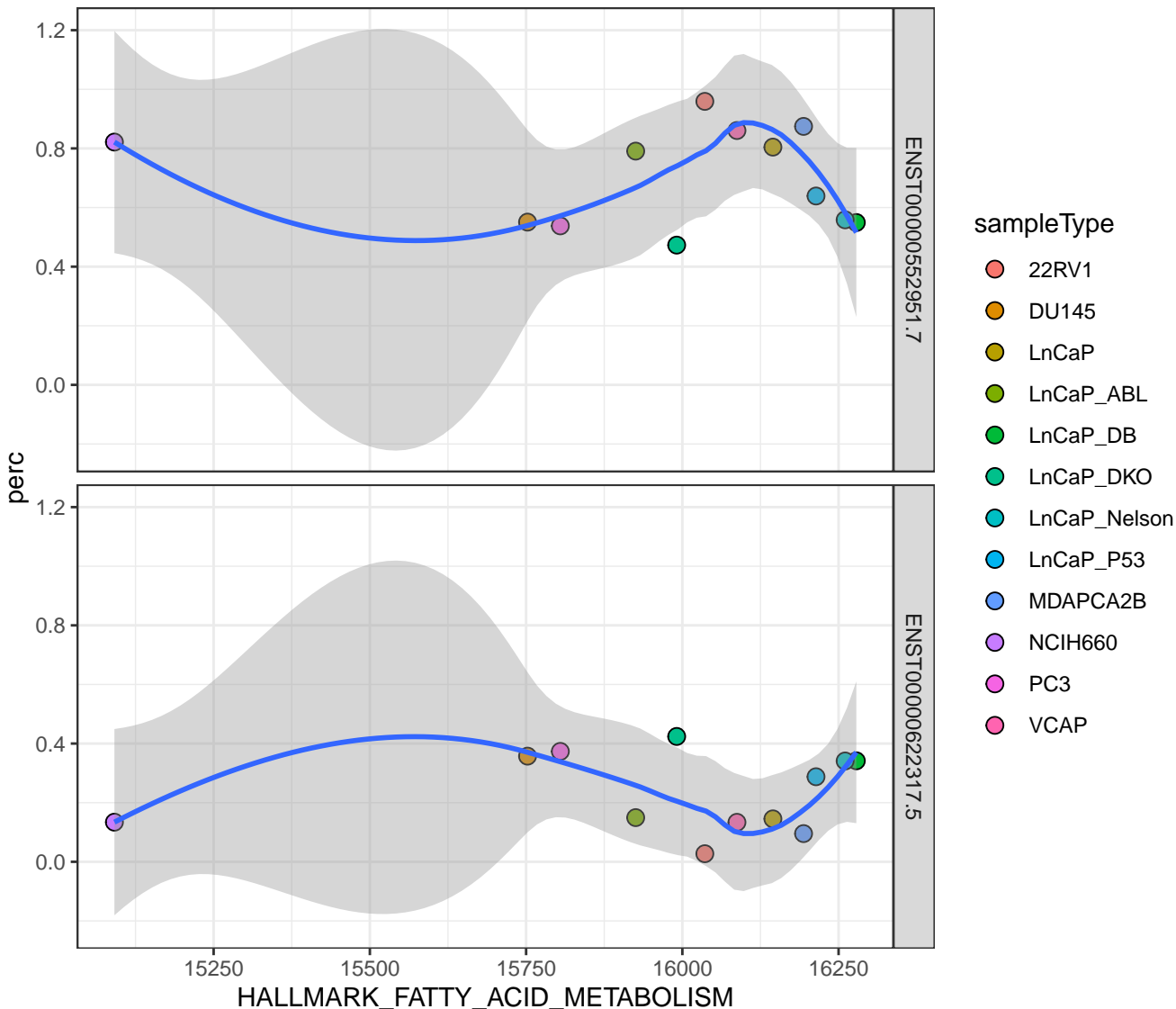ENST00000622317.5 (up) = 0.946878584366554
ENST00000552951.7 (down) = −0.915159394525216

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
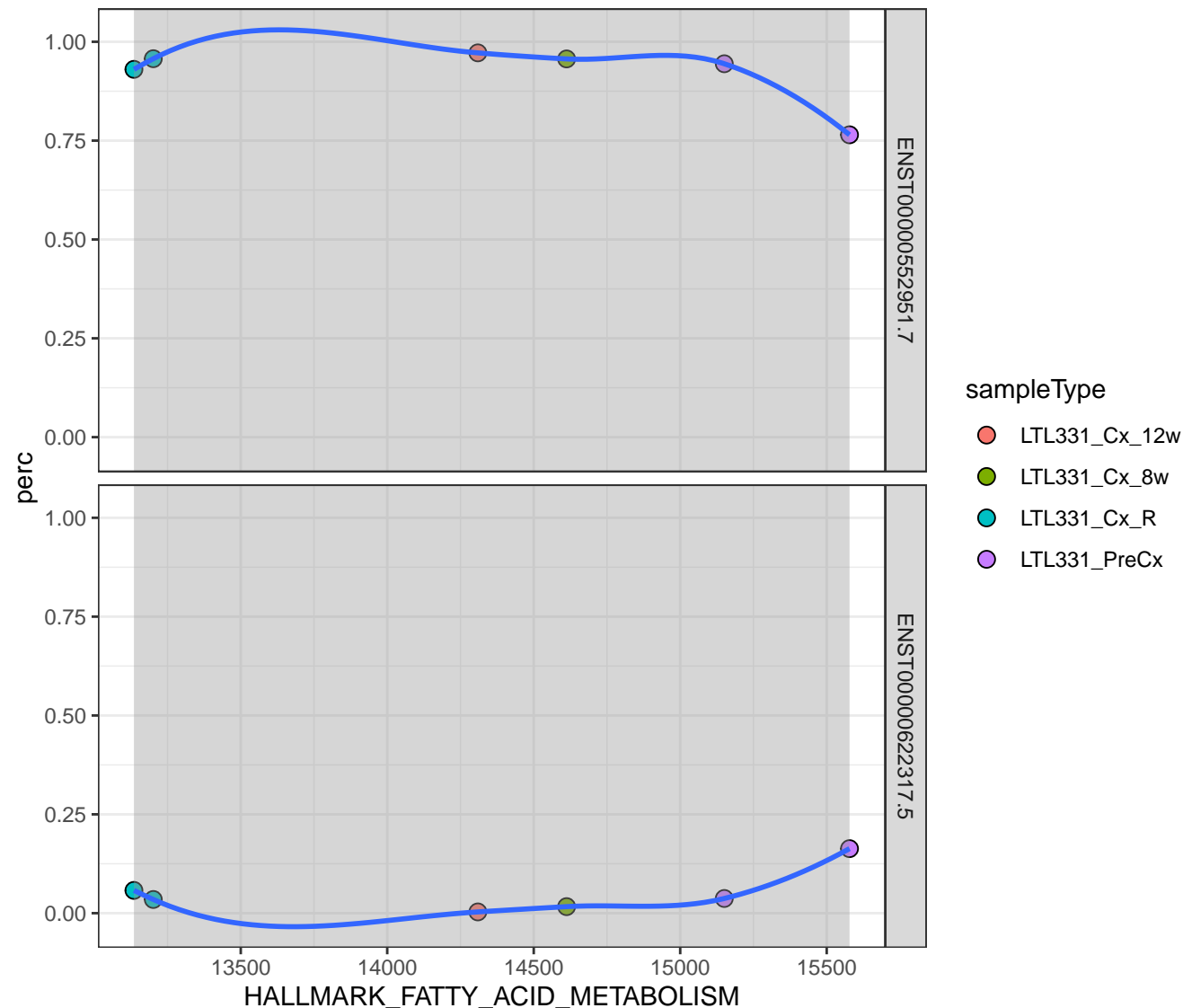ENST00000552951.7 (down) = −0.109545871191897
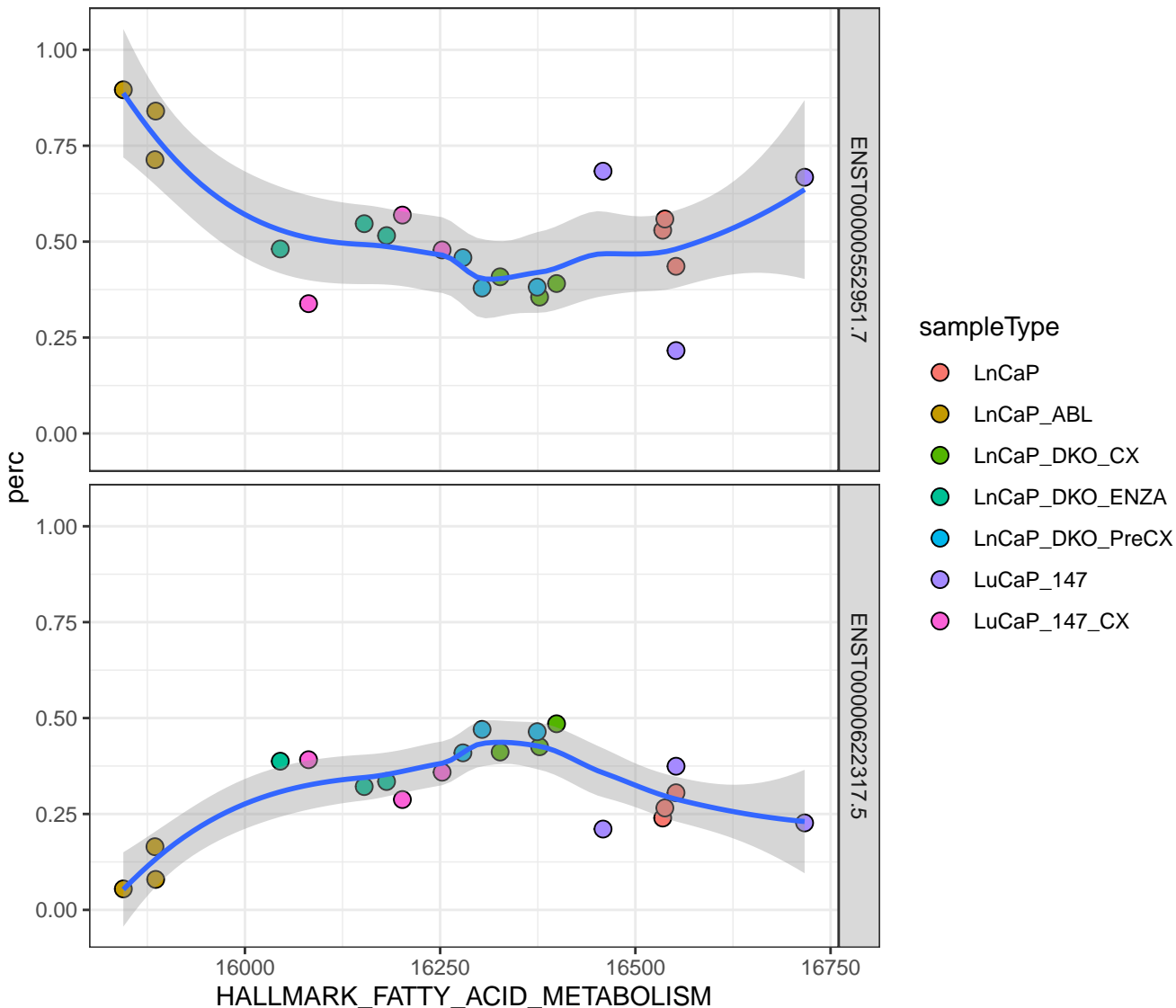
LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_FATTY_ACID_METABOLISM
ENST00000622317.5 (up) = 0.453143146887528
ENST00000552951.7 (down) = −0.562019816859381

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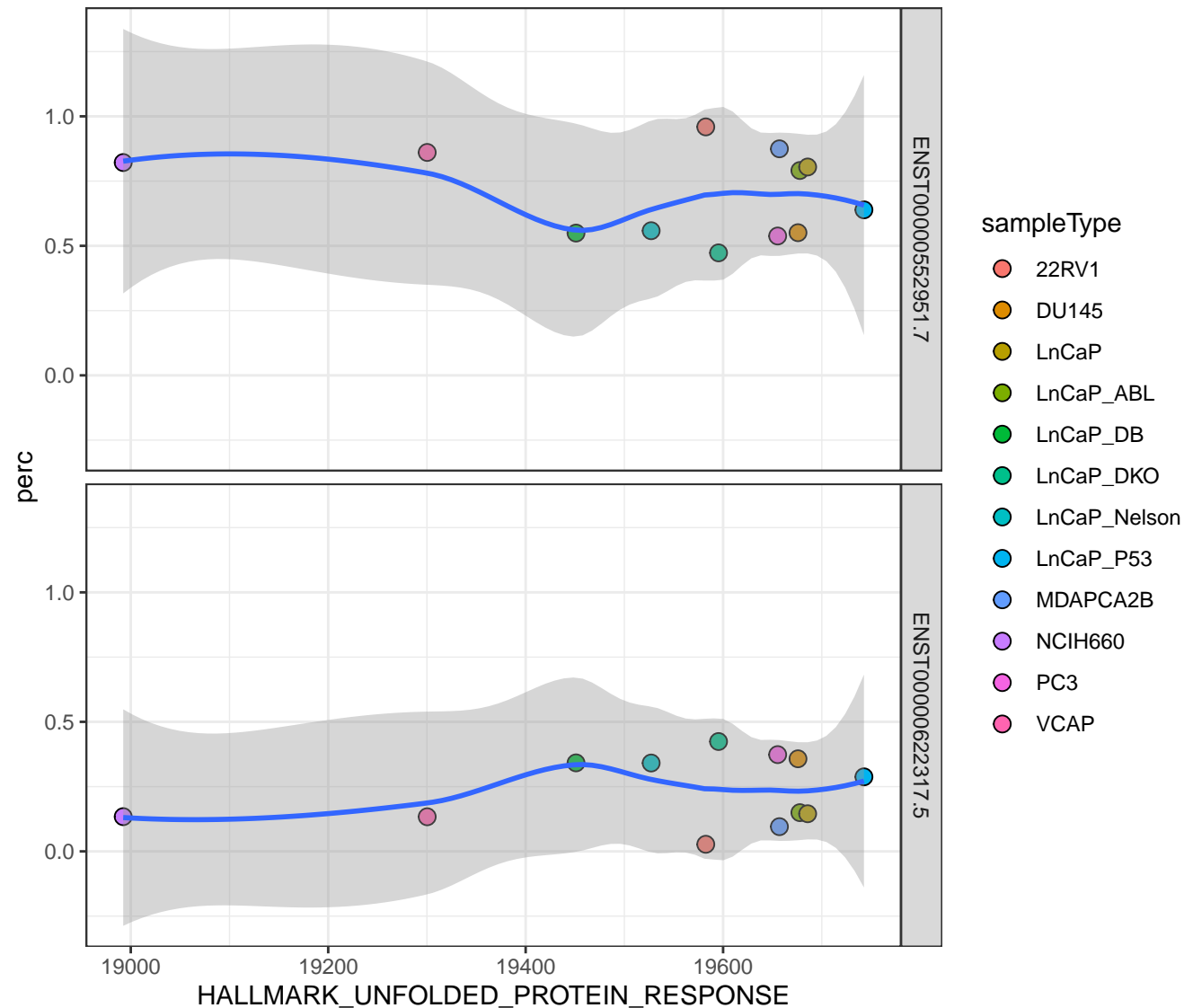ENST00000552951.7 (down) = −0.465280120697376

CellLine
Gene = NOPCHAP1
Target = HALLMARK_UNFOLDED_PROTEIN_RESPONSE
ENST00000622317.5 (up) = 0.23381022753098
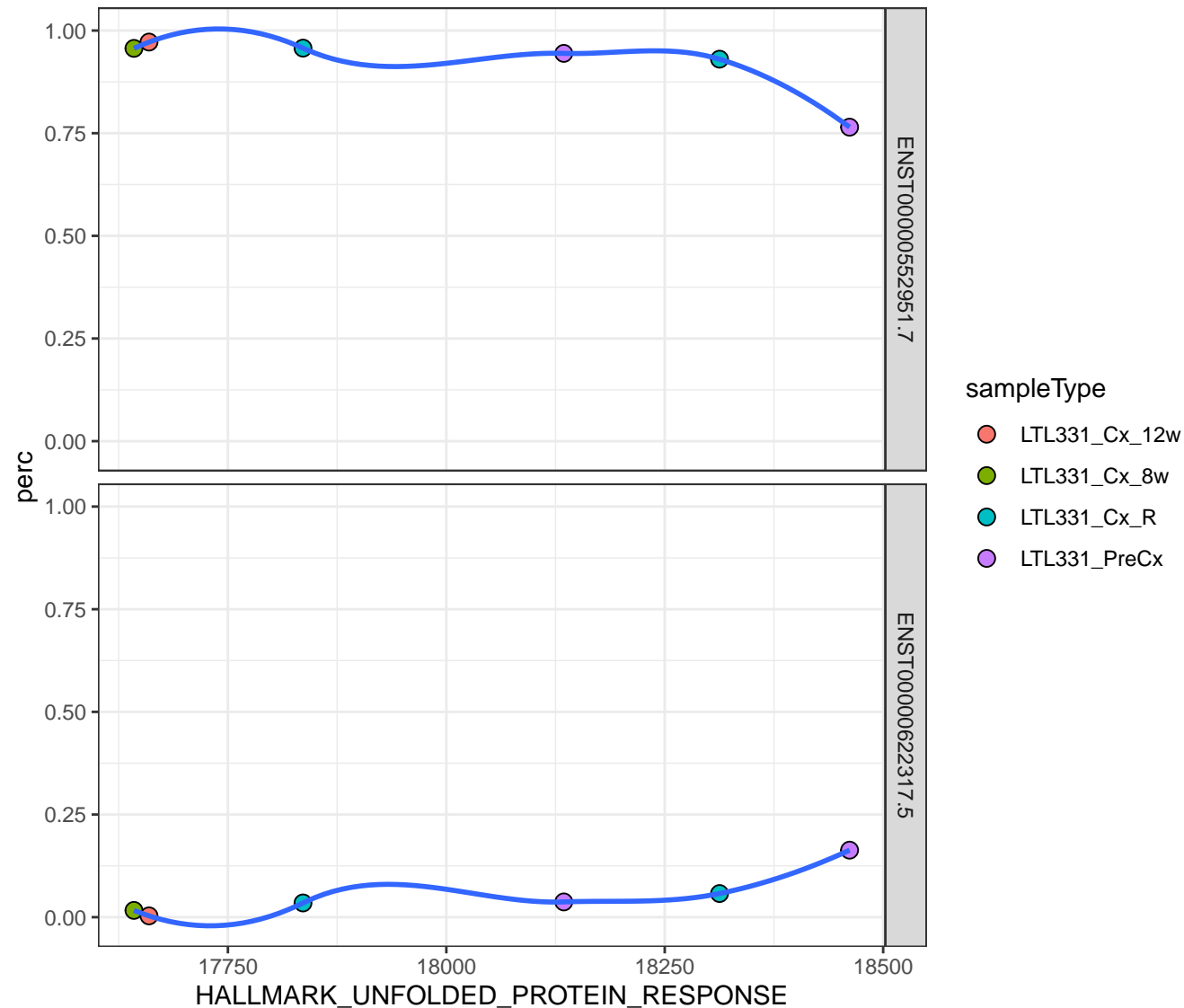ENST00000552951.7 (down) = −0.24361148415292

LTL_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_UNFOLDED_PROTEIN_RESPONSE
ENST00000622317.5 (up) = 0.835605562732749
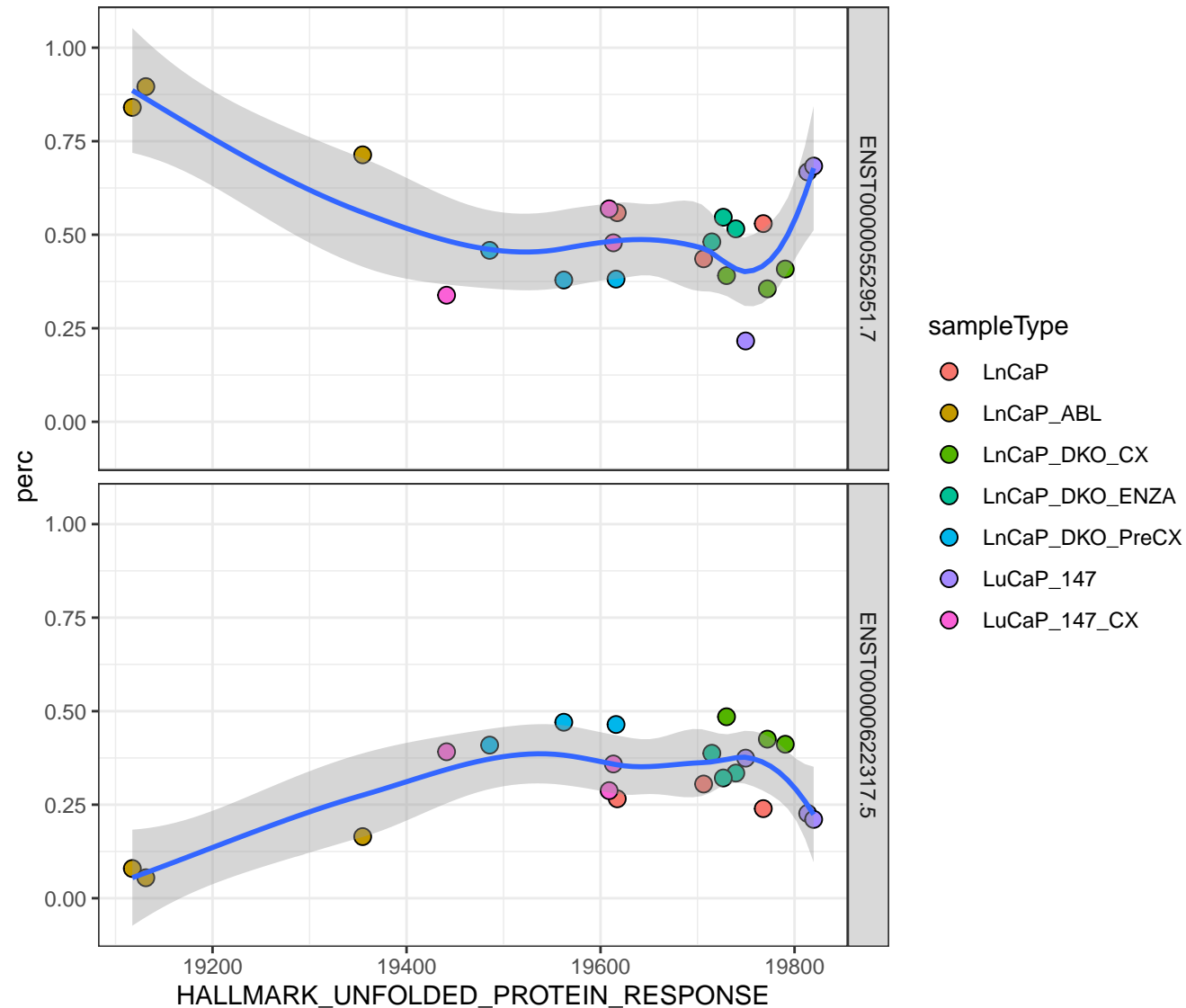ENST00000552951.7 (down) = −0.758493479817635
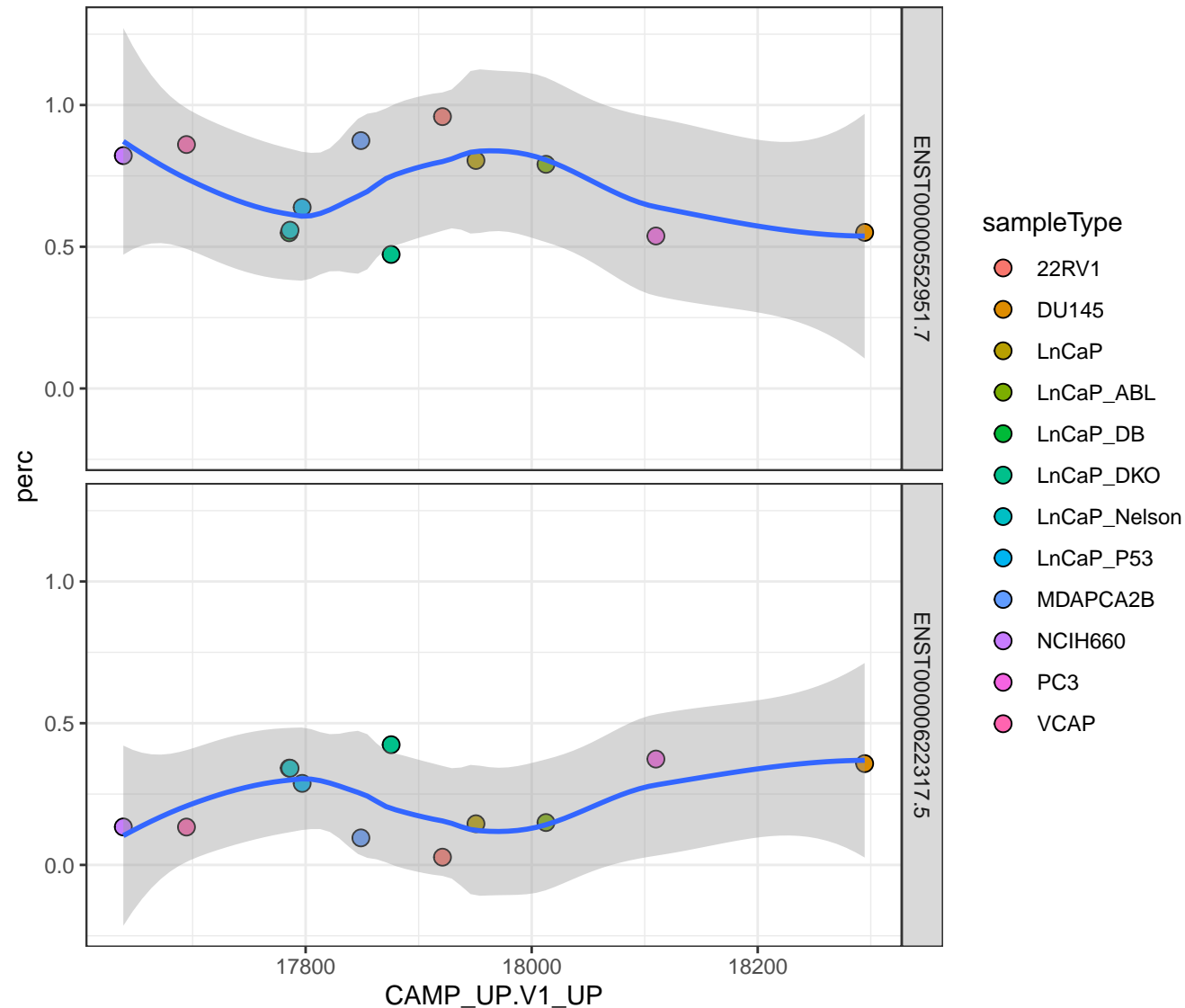
PDX_longitudinal
Gene = NOPCHAP1
Target = HALLMARK_UNFOLDED_PROTEIN_RESPONSE
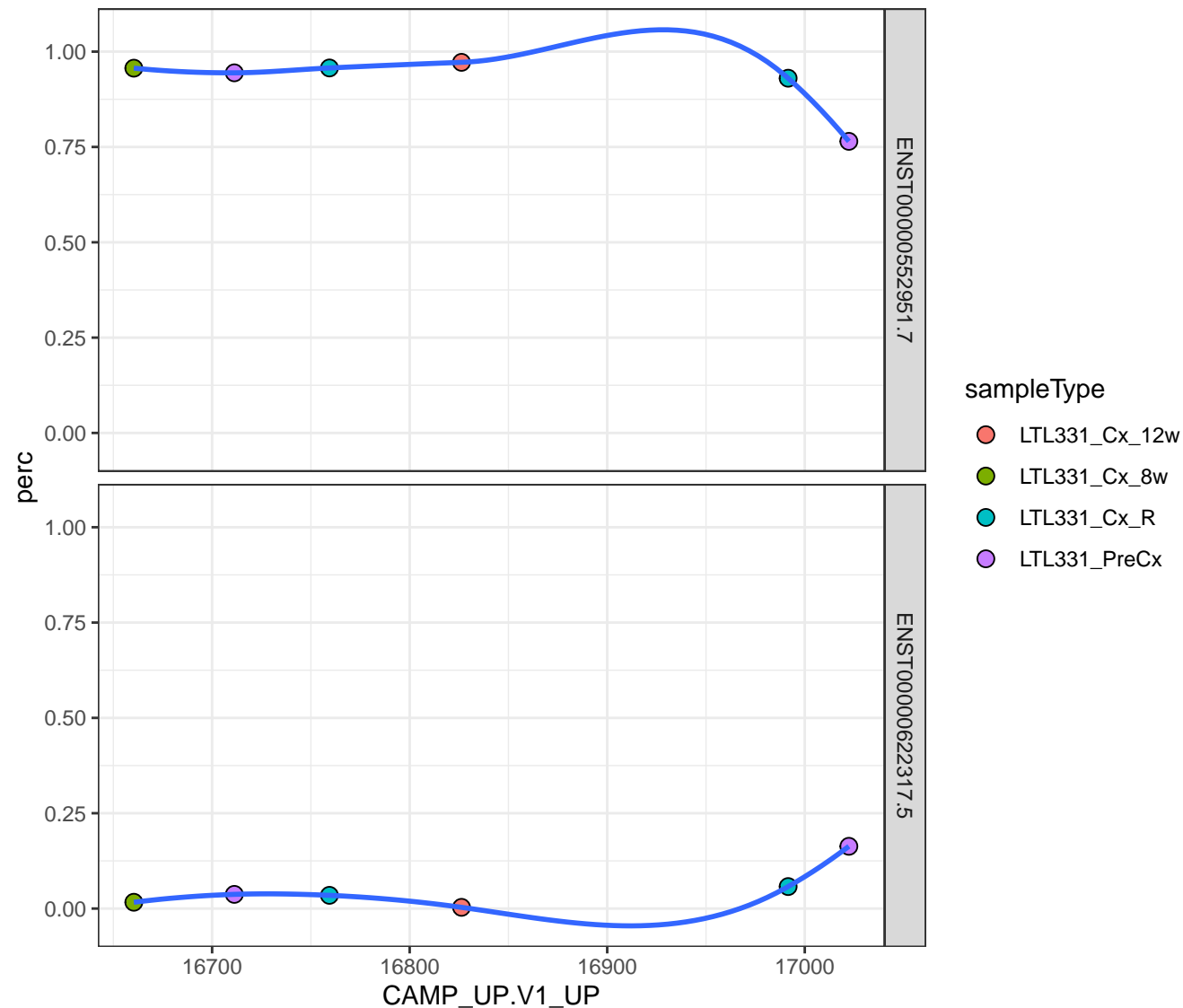ENST00000622317.5 (up) = 0.541745393368909
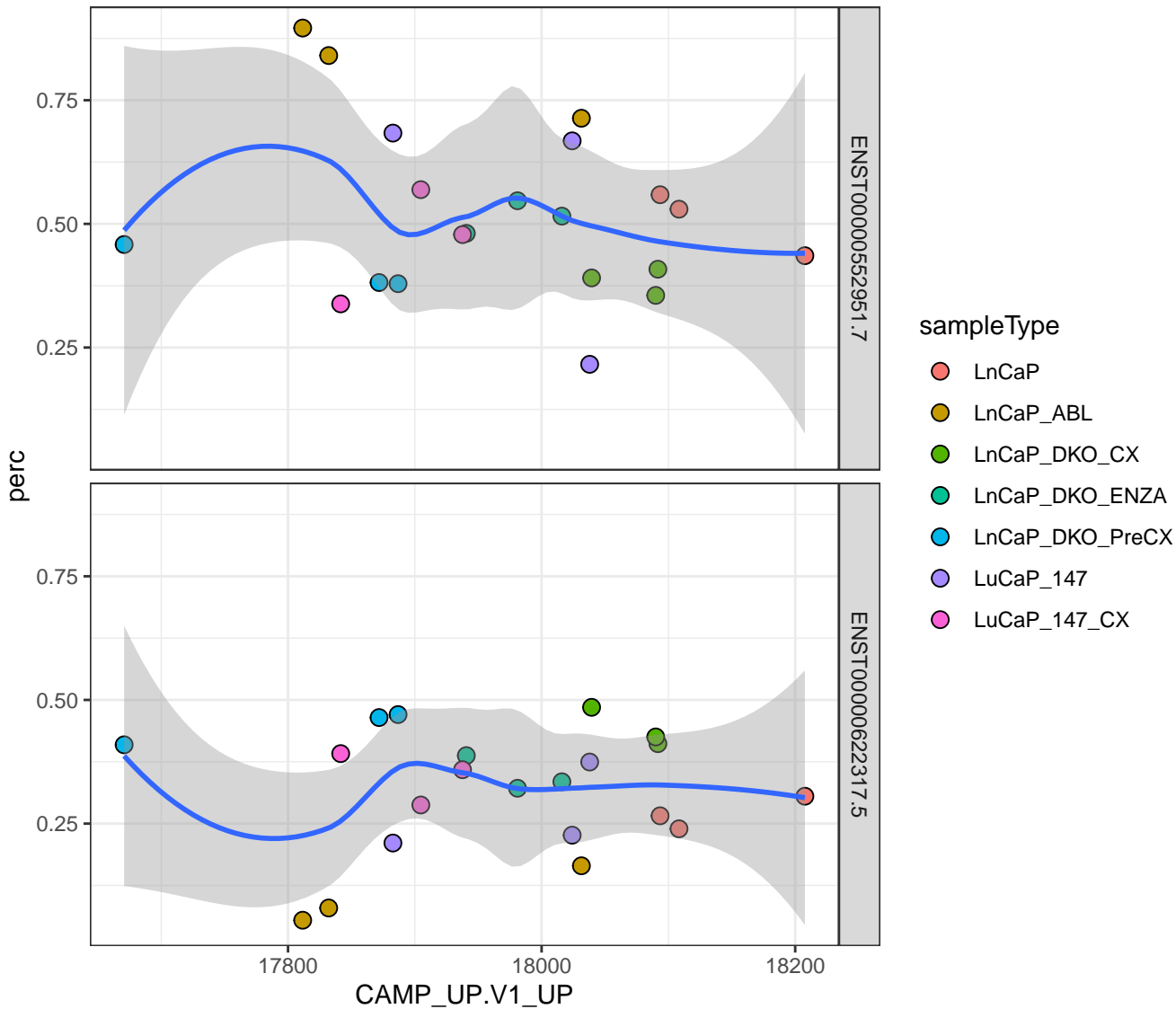ENST00000552951.7 (down) = −0.566562427082303

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
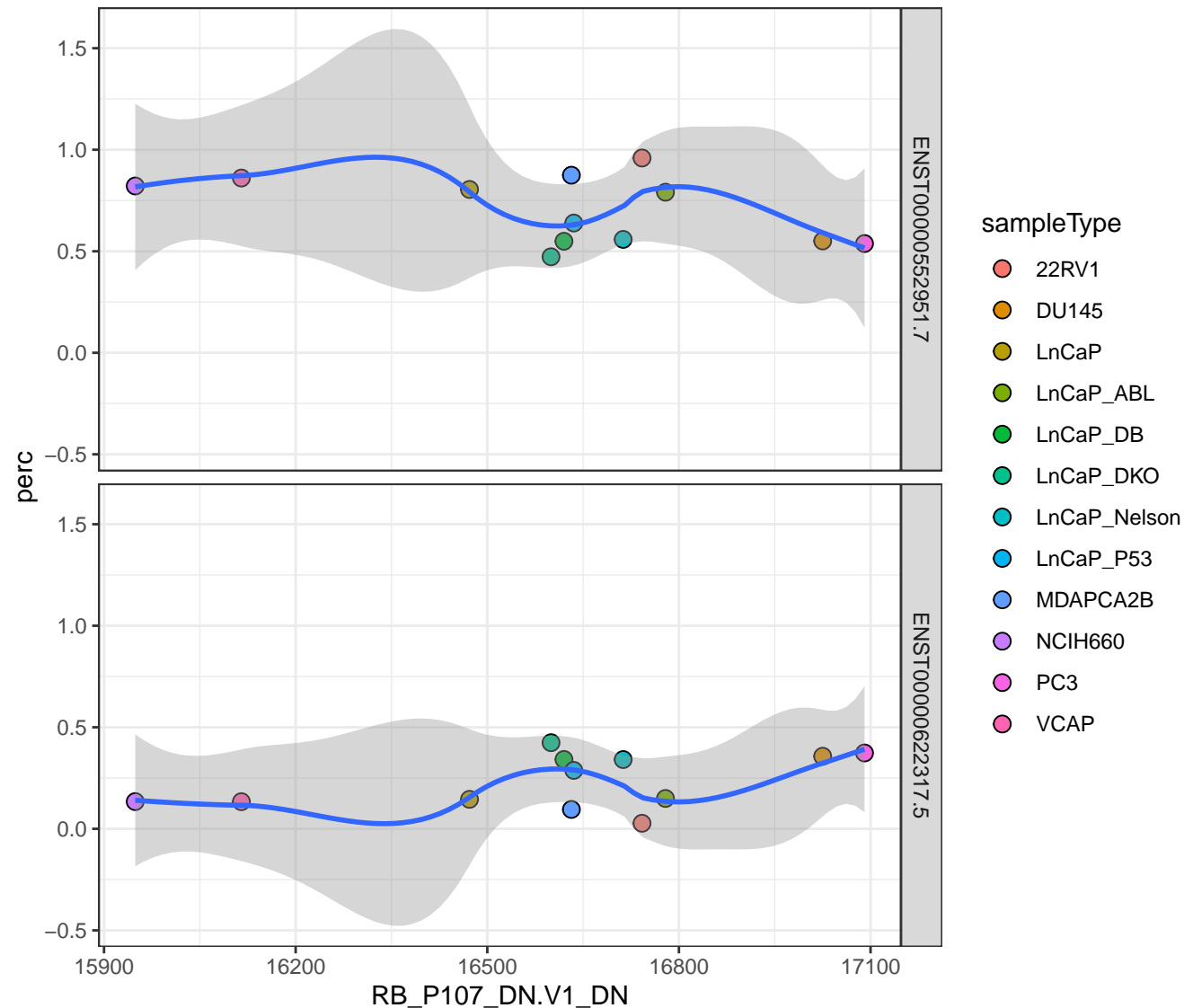ENST00000552951.7 (down) = −0.255138525765996
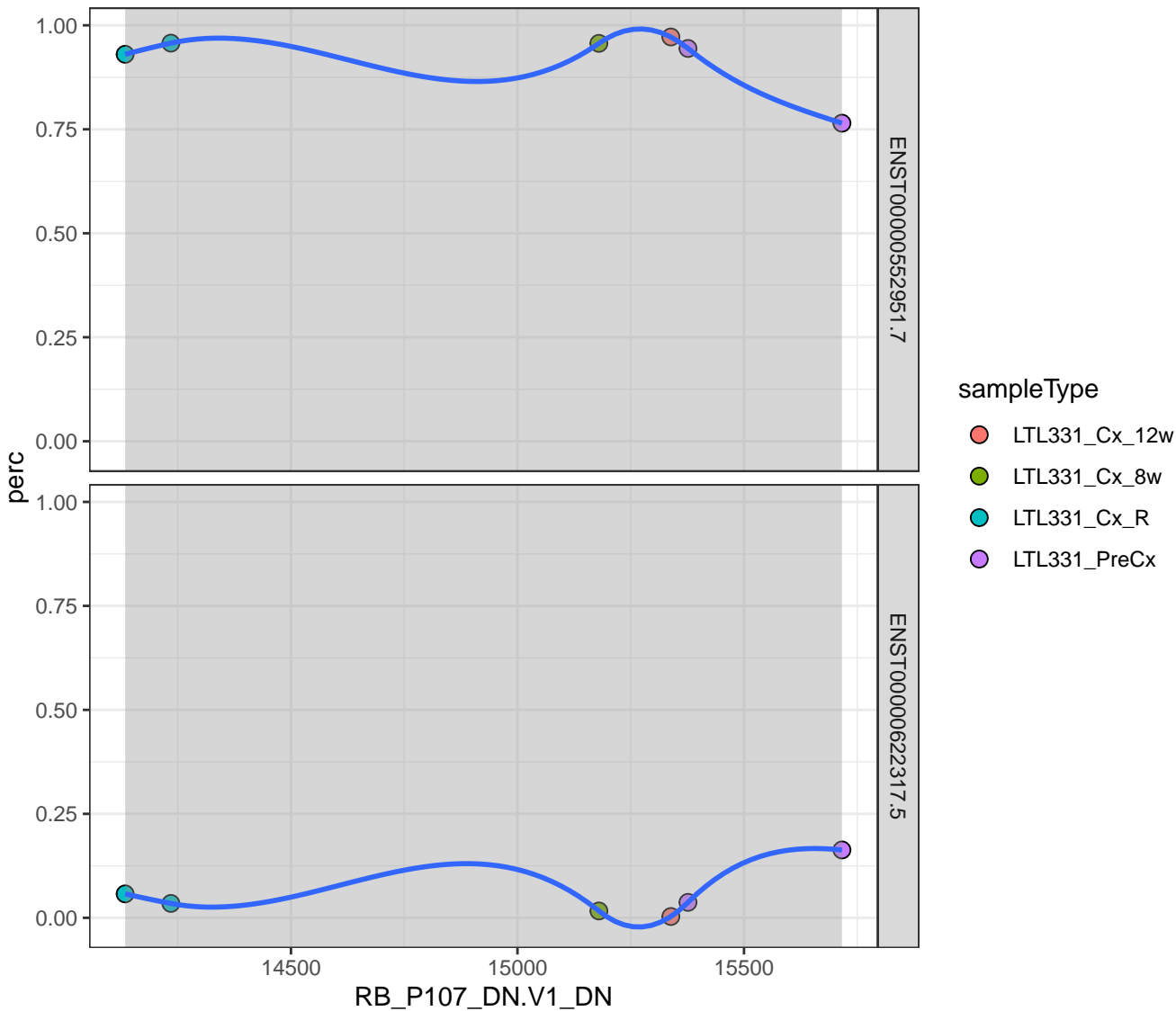
CellLine
Gene = NOPCHAP1
Target = RB_P107_DN.V1_DN
ENST00000622317.5 (up) = 0.449202740015284
ENST00000552951.7 (down) = −0.464453725870226

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