

## Supplementary File 8: Differential expression proteomic analysis all knockouts Kühl *et al.*

Boxplots of the intensity detected by mass spectrometry per protein.

Boxplots represent median  $\pm$  25% quantile. The whiskers extend from the hinge to the highest and lowest value within 1.5x IQR, respectively. Red dot: mean.

Each mouse strain is labeled in the boxplots with the protein name of the gene they are knockout for:

*Twink*: TWINKLE

*Tfam*: TFAM

*Polrmt*: POLRMT

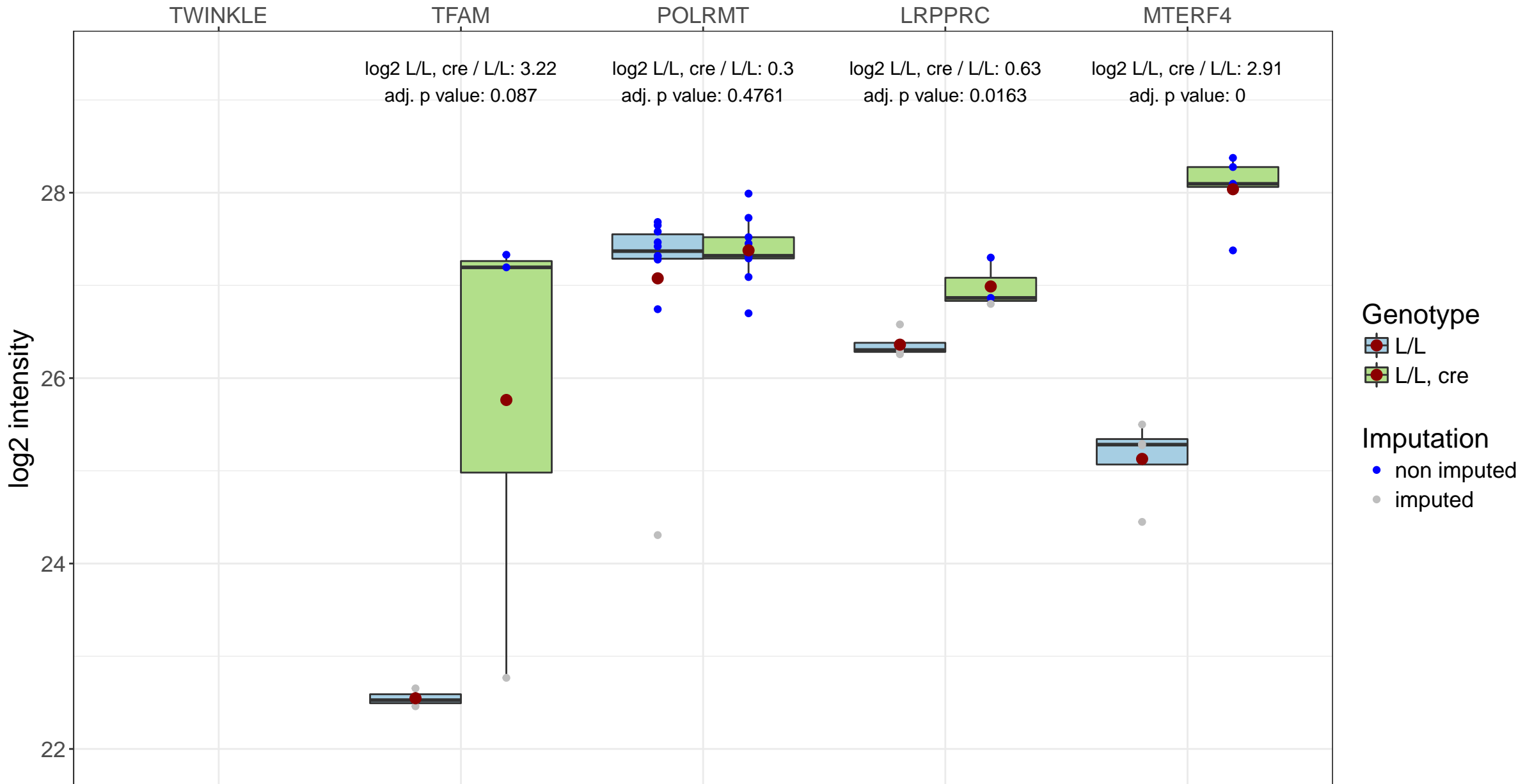
*Lrpprc*: LRPPRC

*Mterf4*: MTERF4

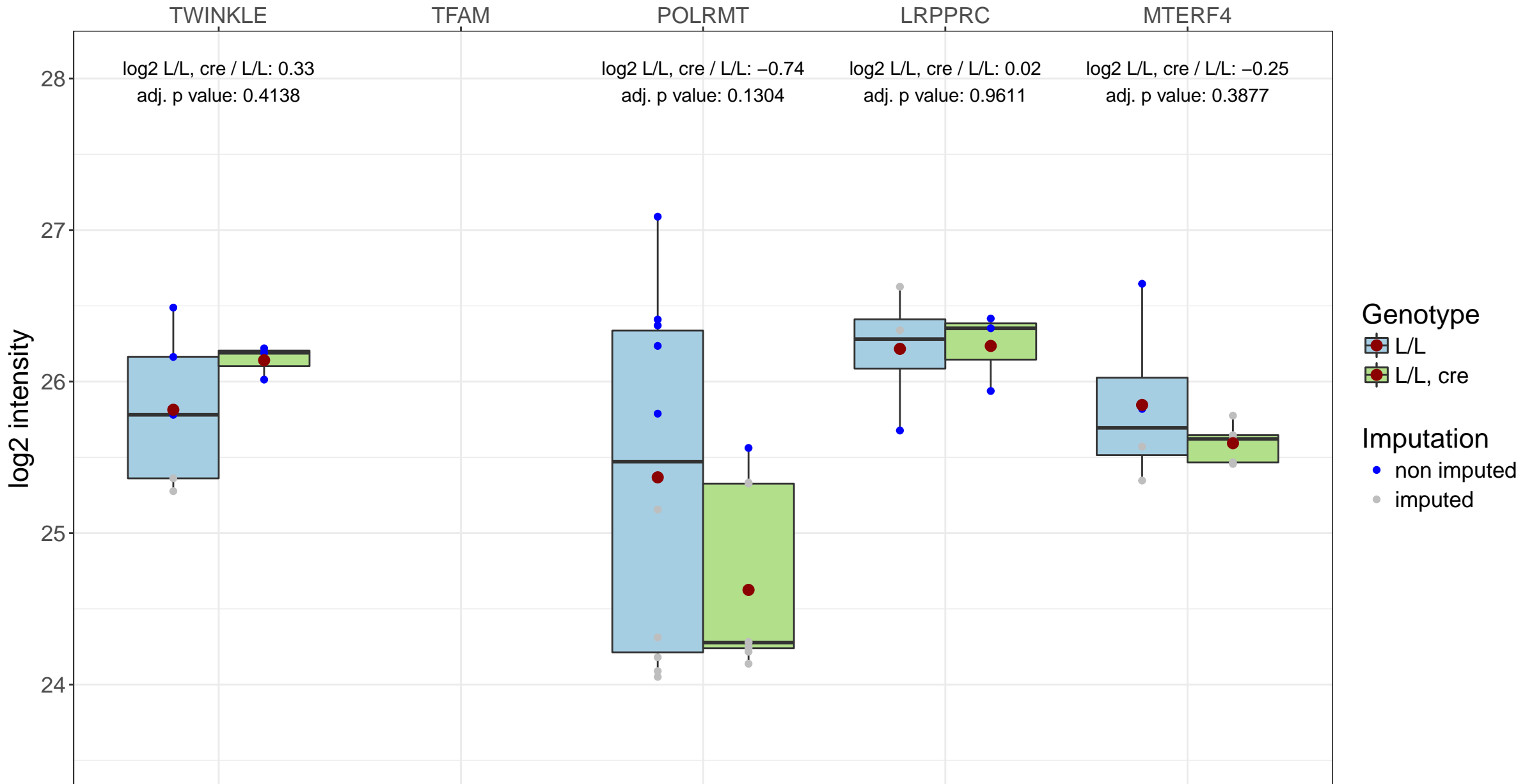
# / A2AMZ4



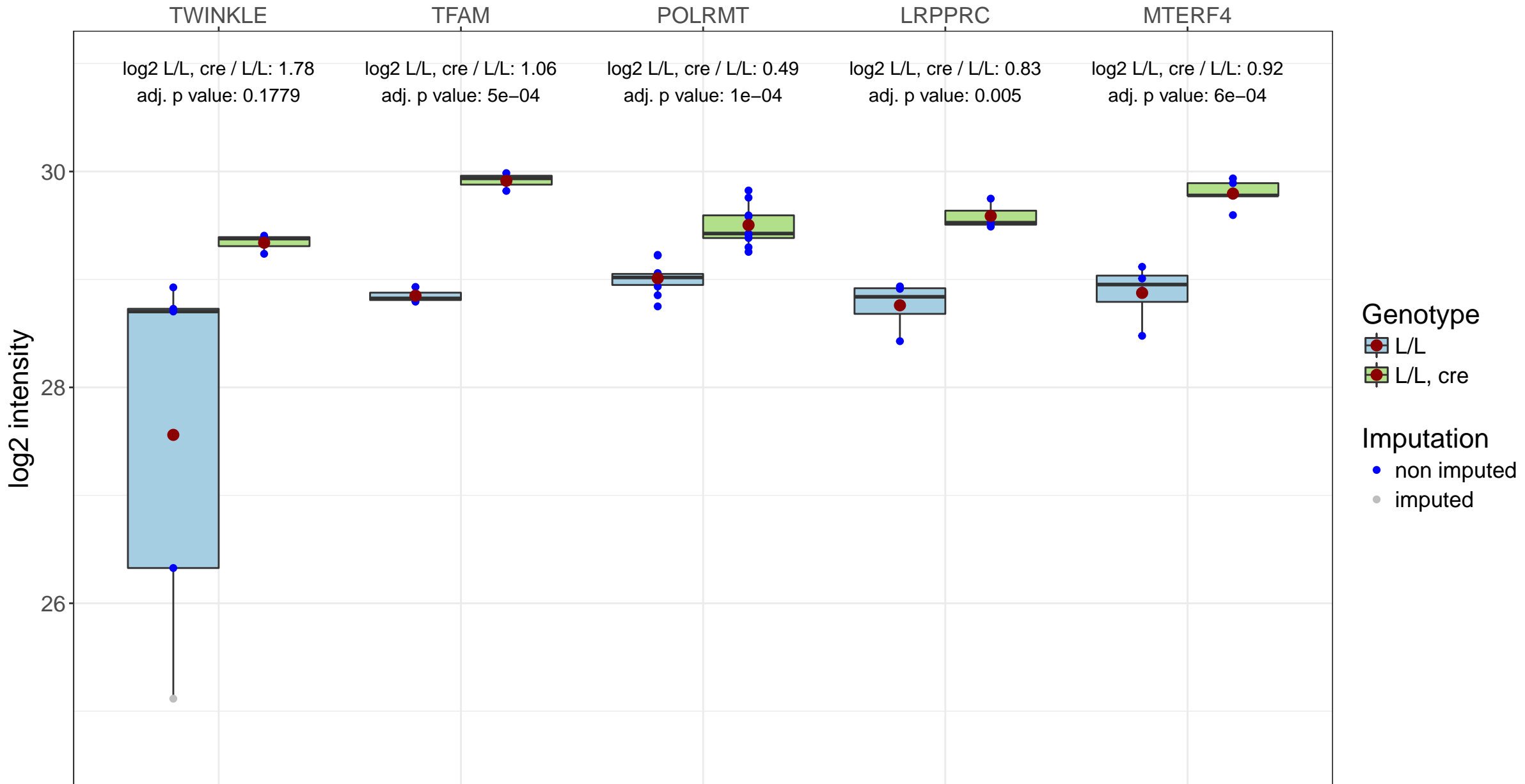
# / Q3UNZ8



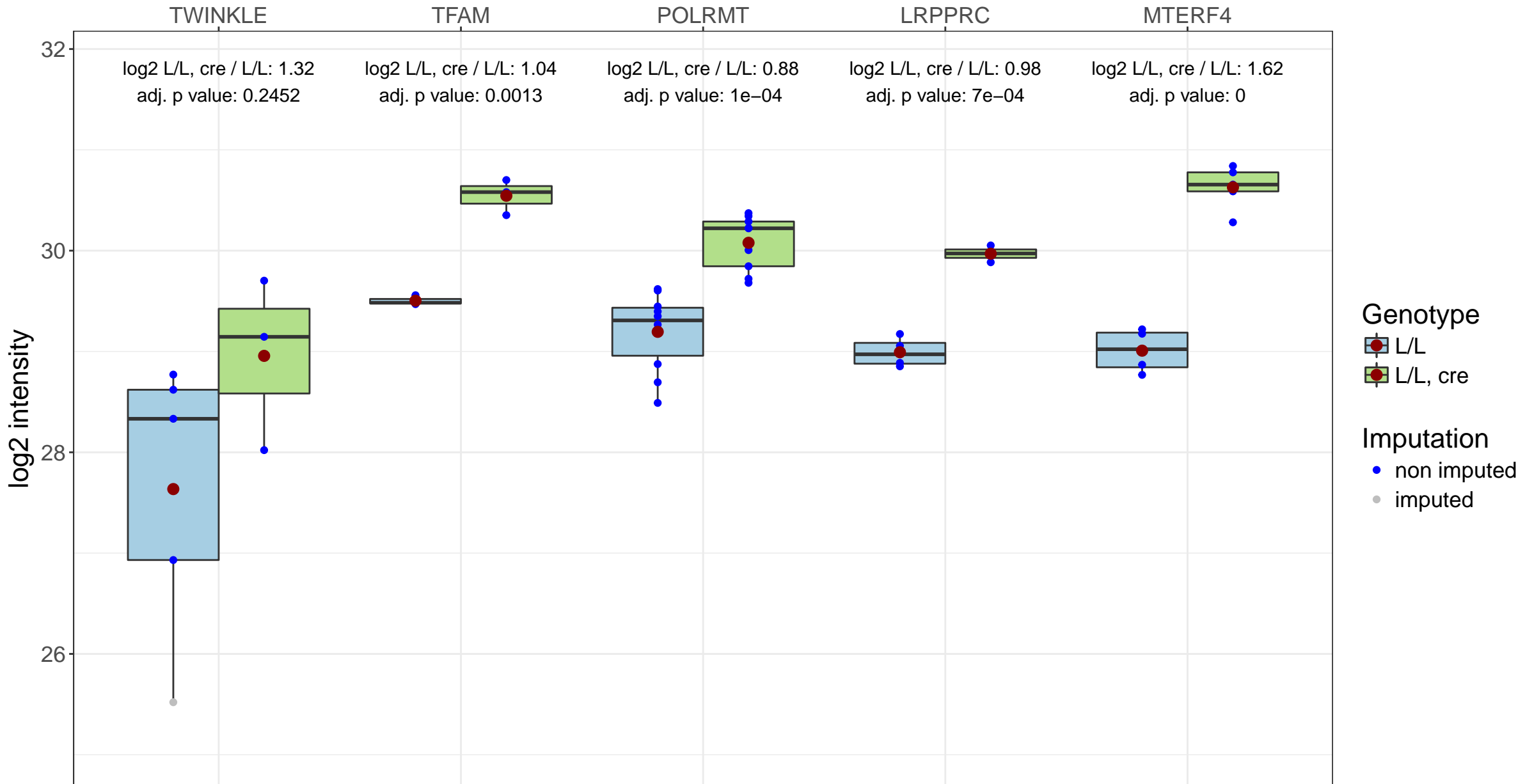
# / Q80VP5



# / Q8BGX2



# / Q8BHE8



# / Q8BTC1

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

$\log_2 L/L, cre / L/L: -0.09$   
adj. p value: 0.8824

$\log_2 L/L, cre / L/L: -0.07$   
adj. p value: 0.8887

log2 intensity

28

27

26

25

Genotype

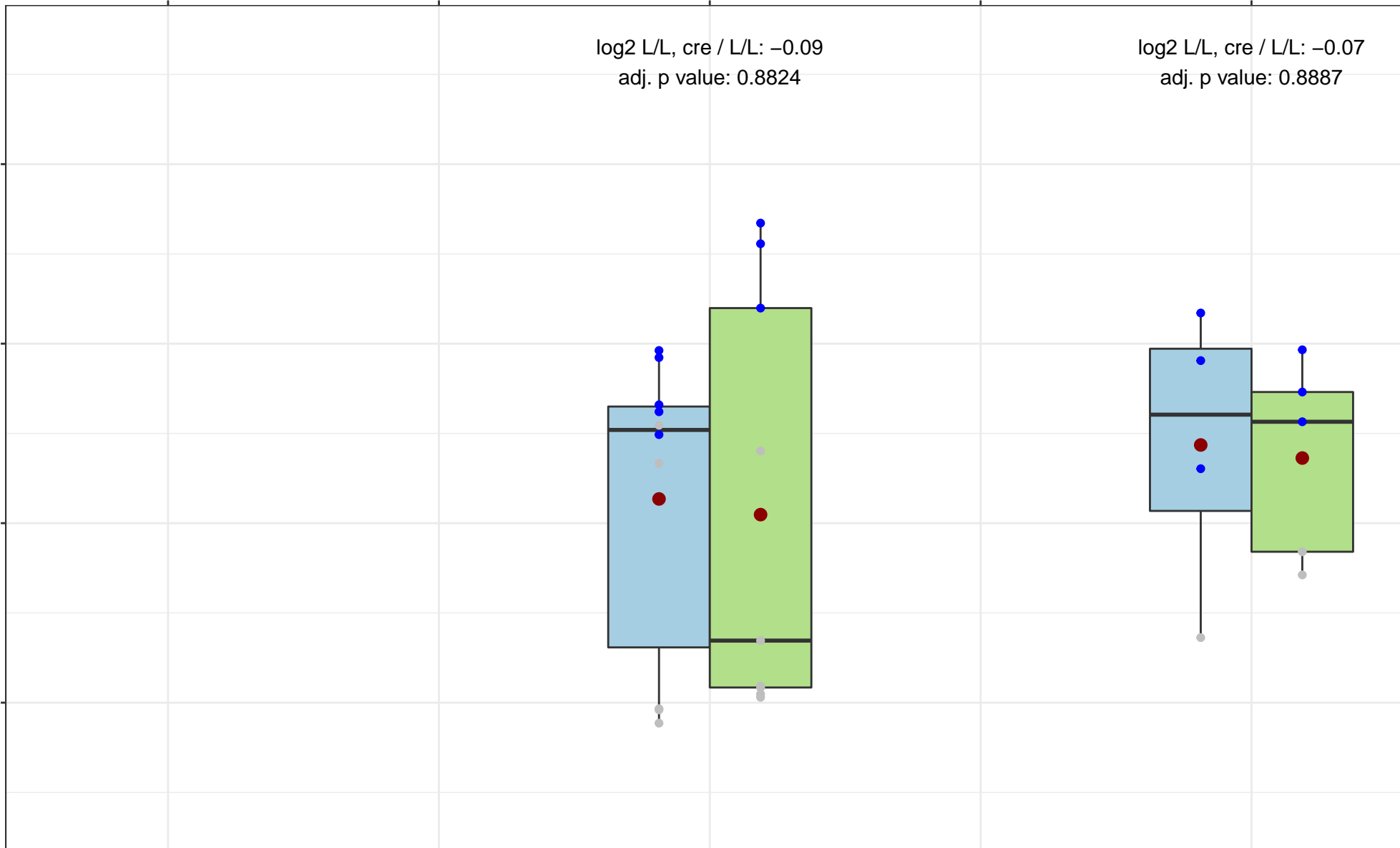
L/L

L/L, cre

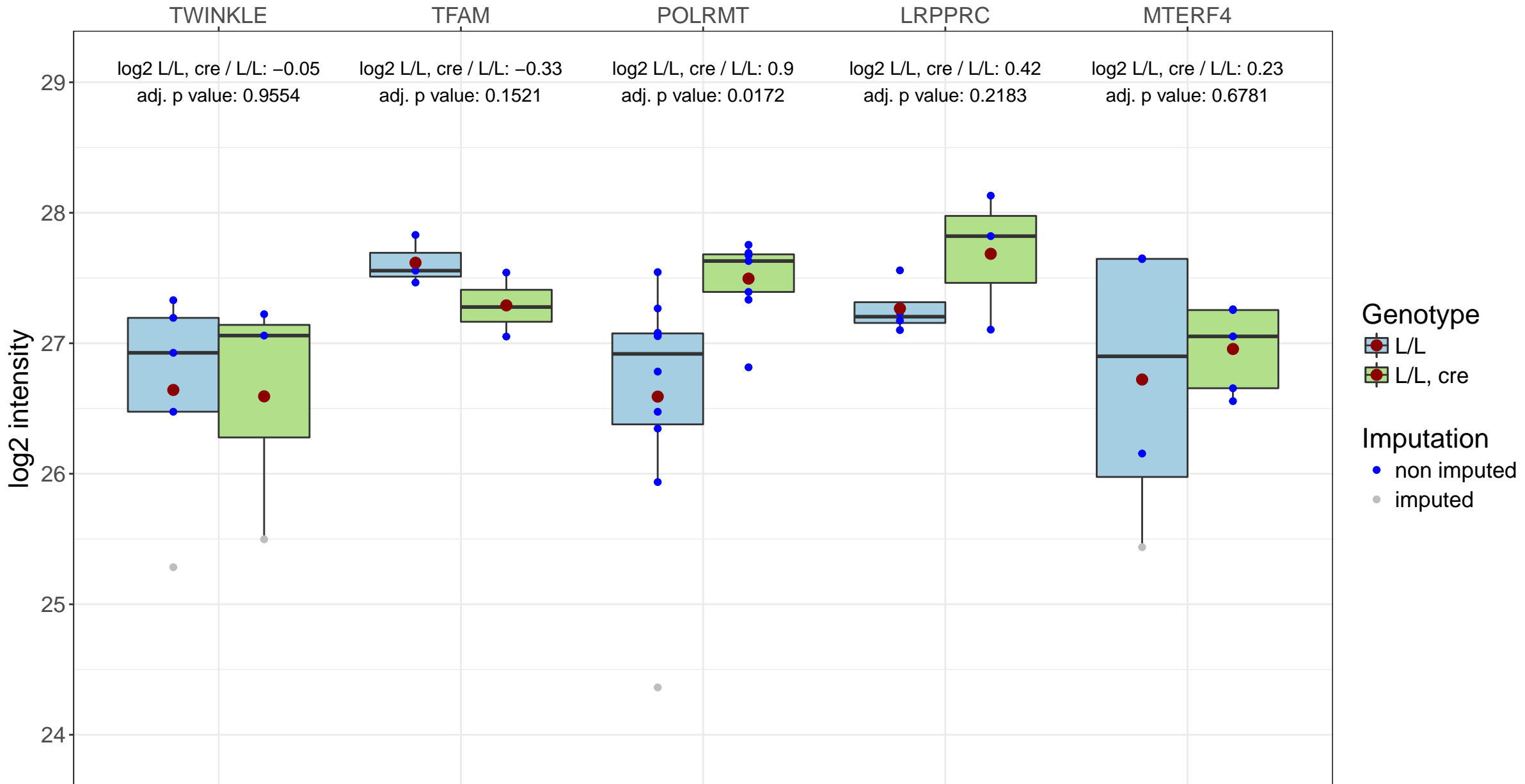
Imputation

non imputed

imputed

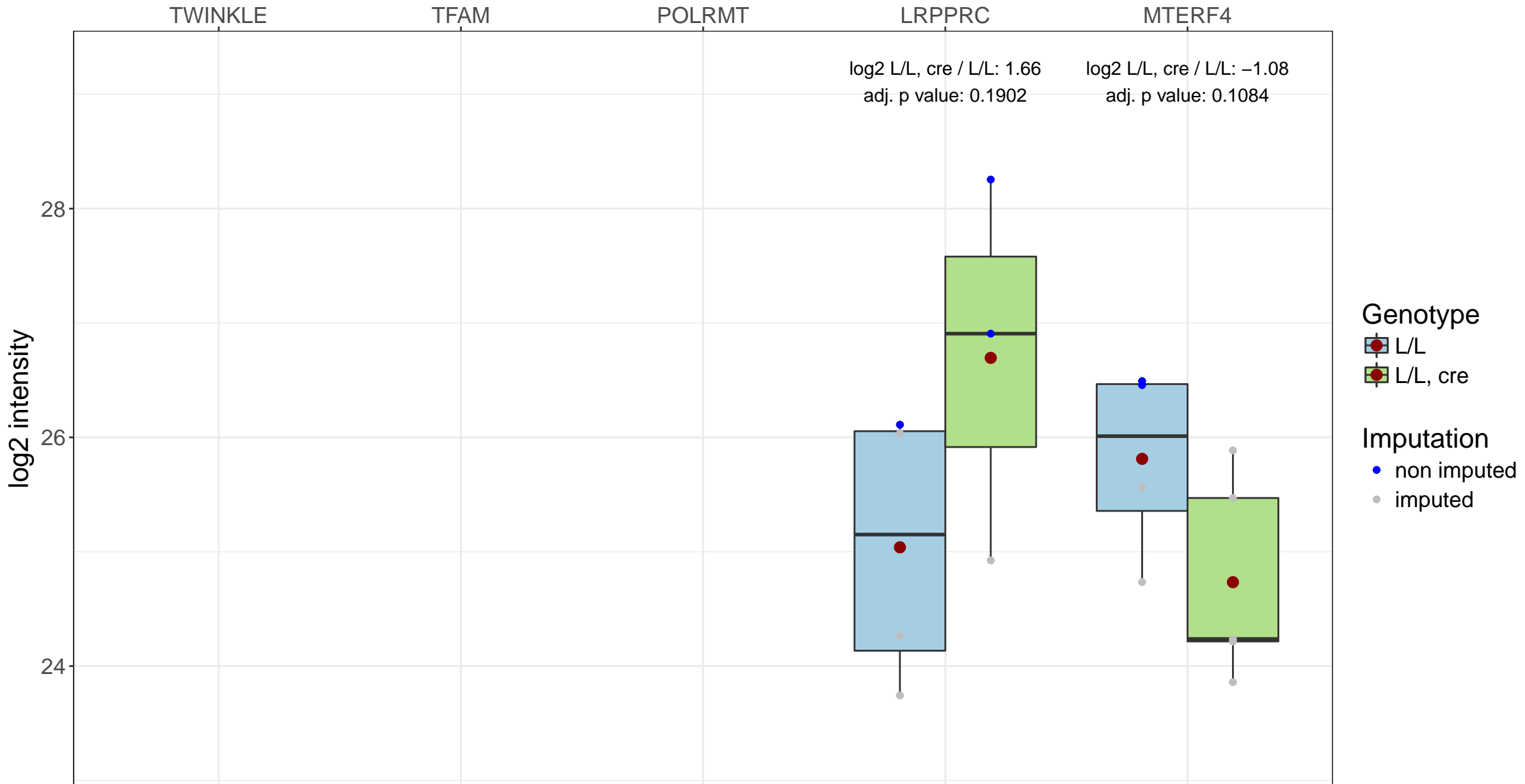


# / Q8BTE0

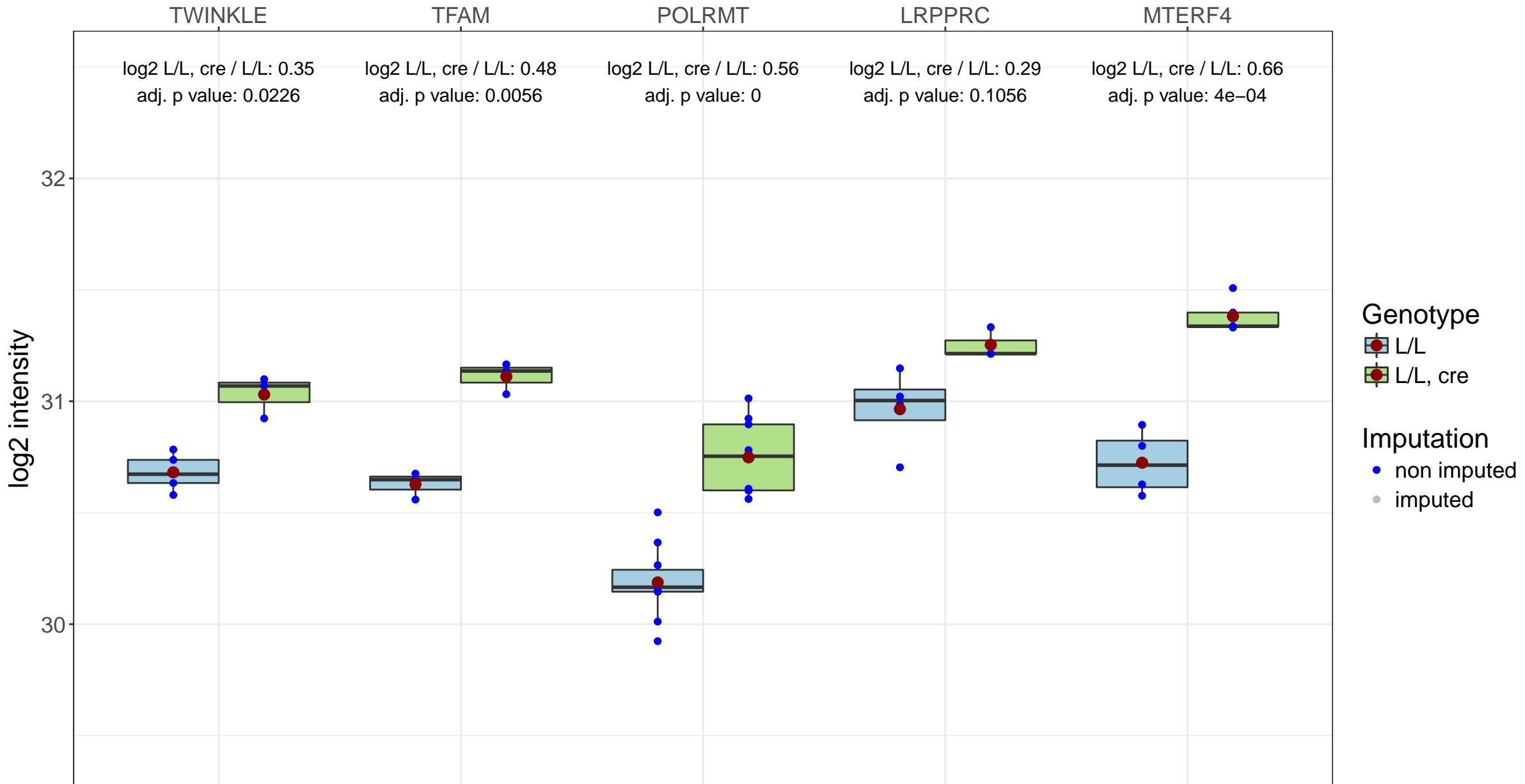




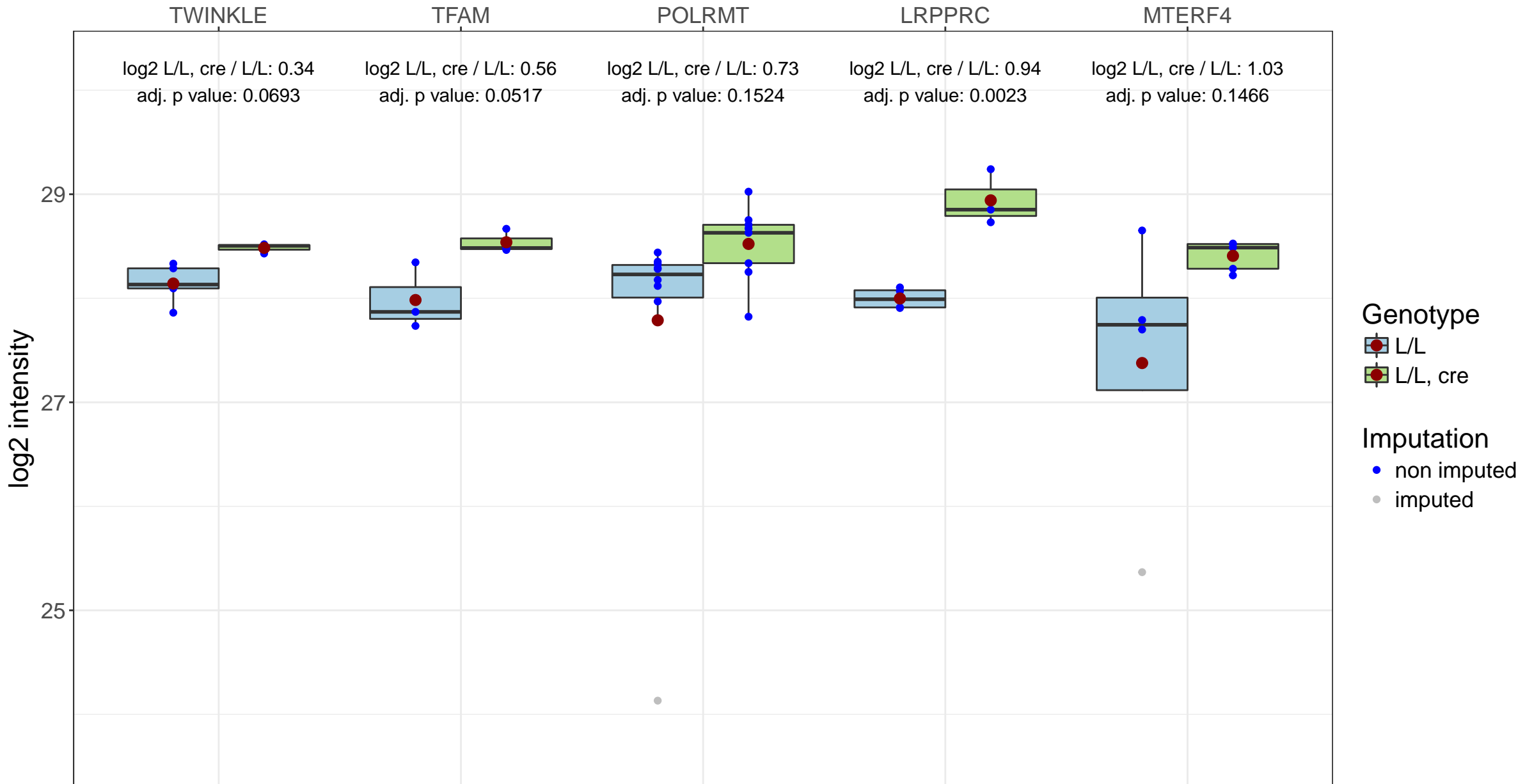
# / Q8K2T4



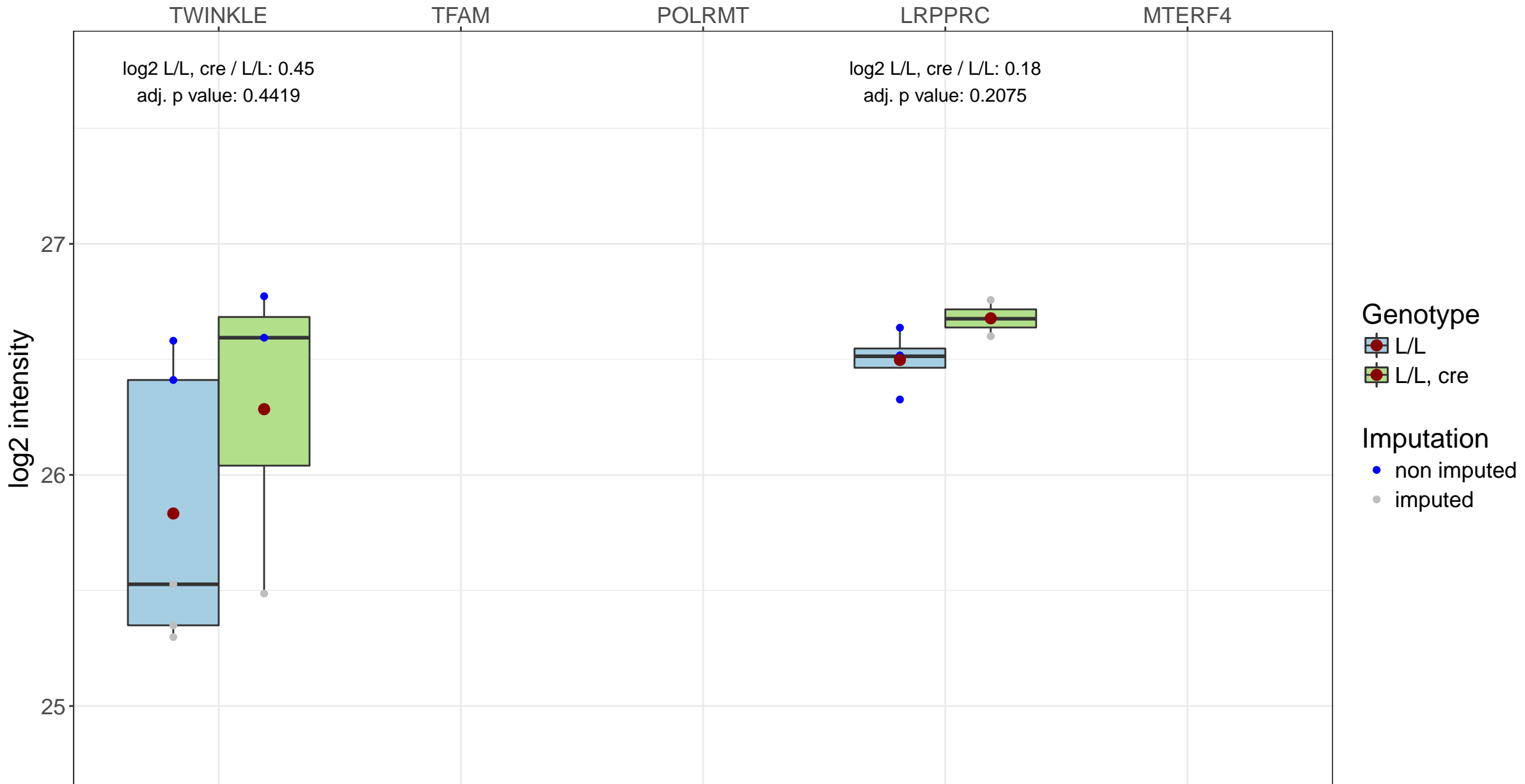
# / Q8VE95



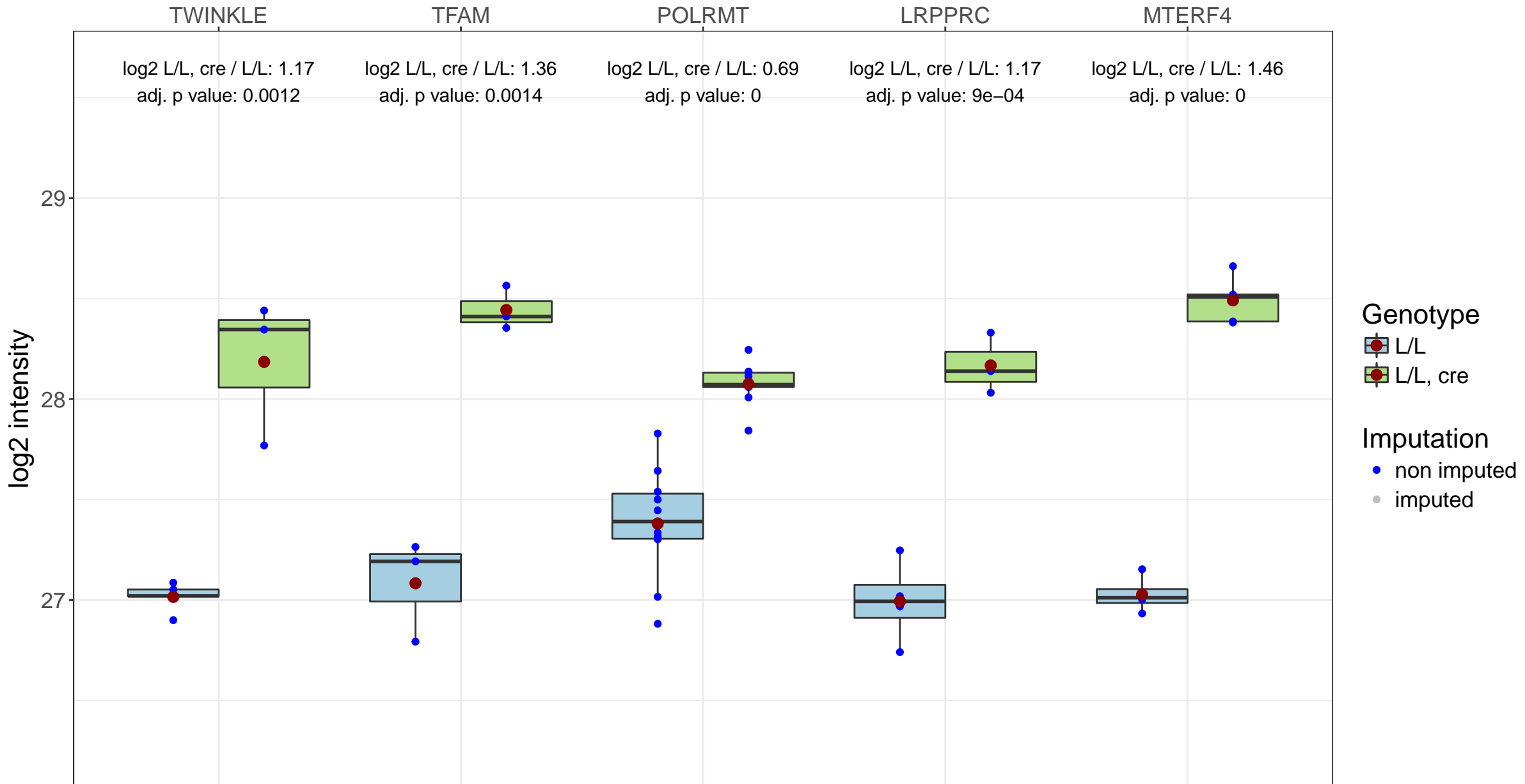
# / Q9CR13



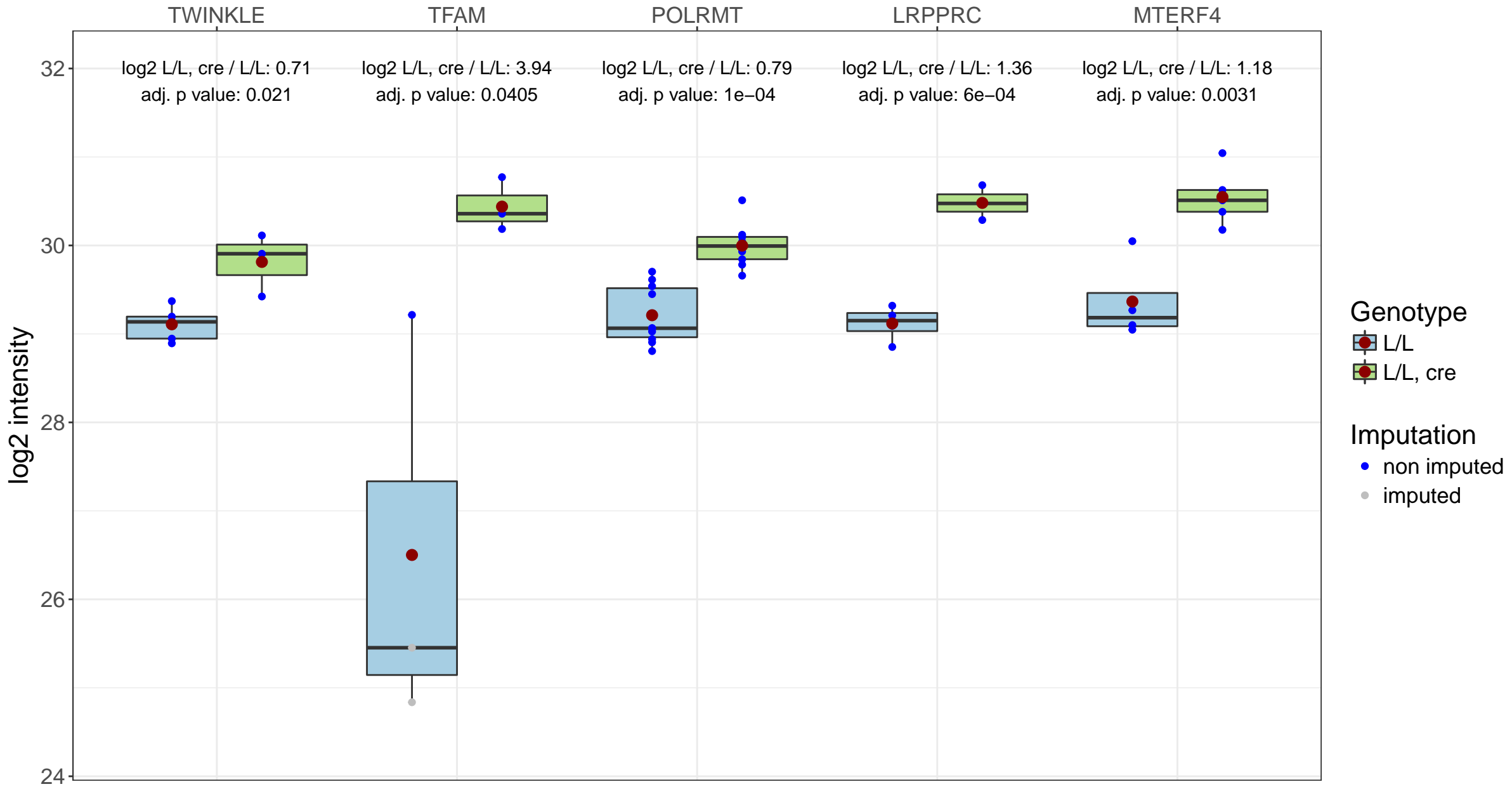
# / Q9CWB7



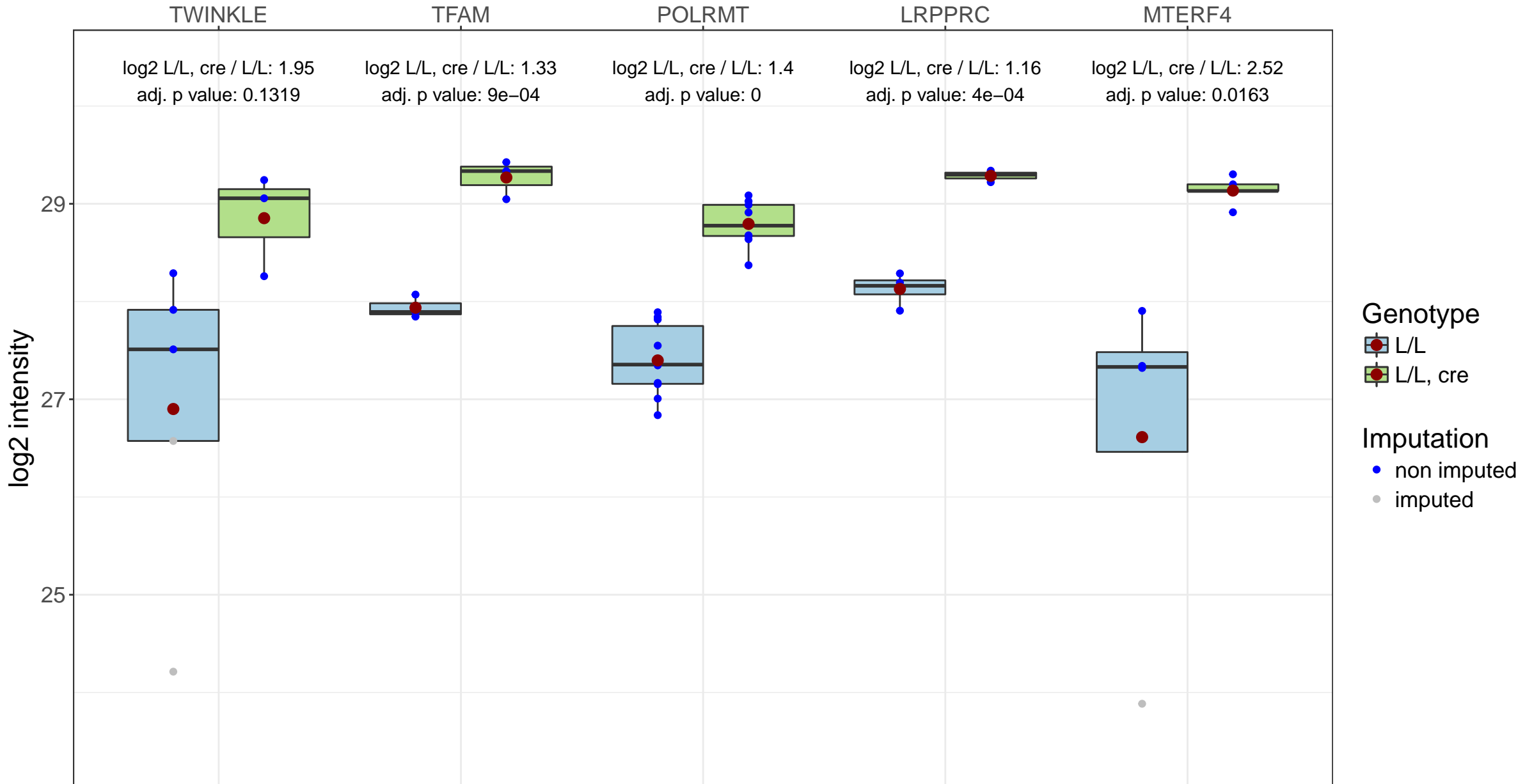
# / Q9D1I2



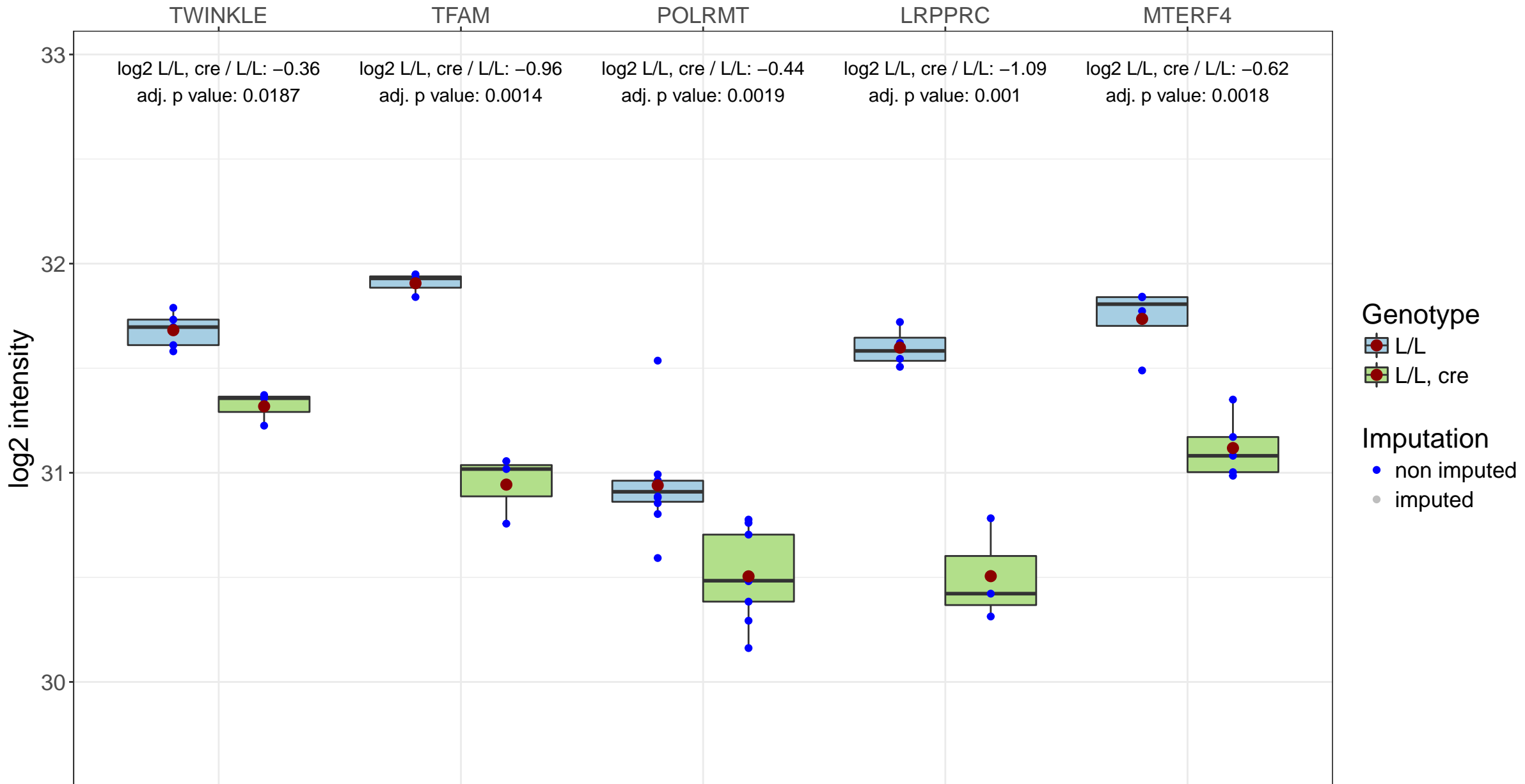
# 1700021F05RIK / Q9CQF4



# 2310061I04RIK / B8JJ66

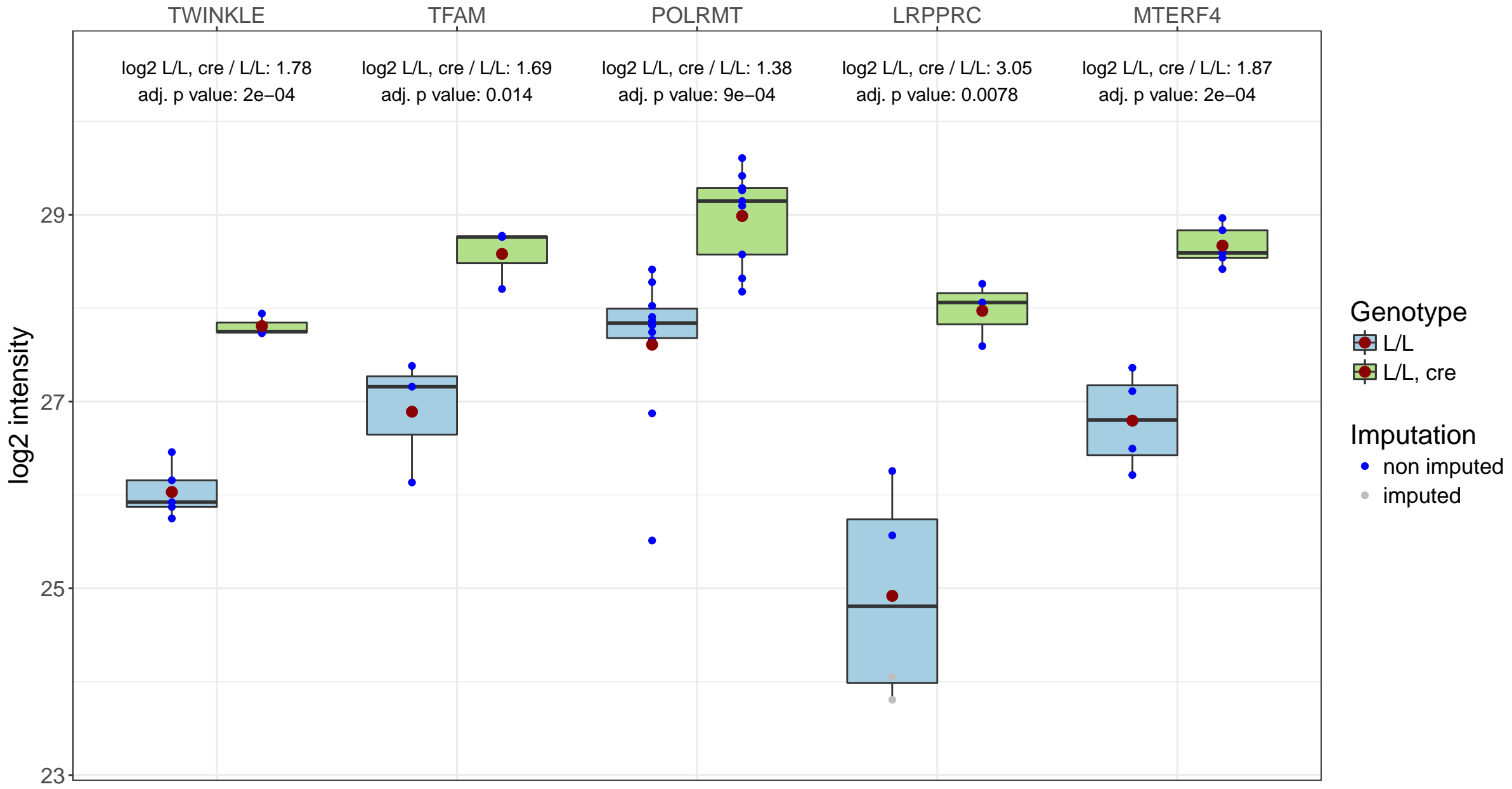


# 9030617O03RIK / E9QMK9

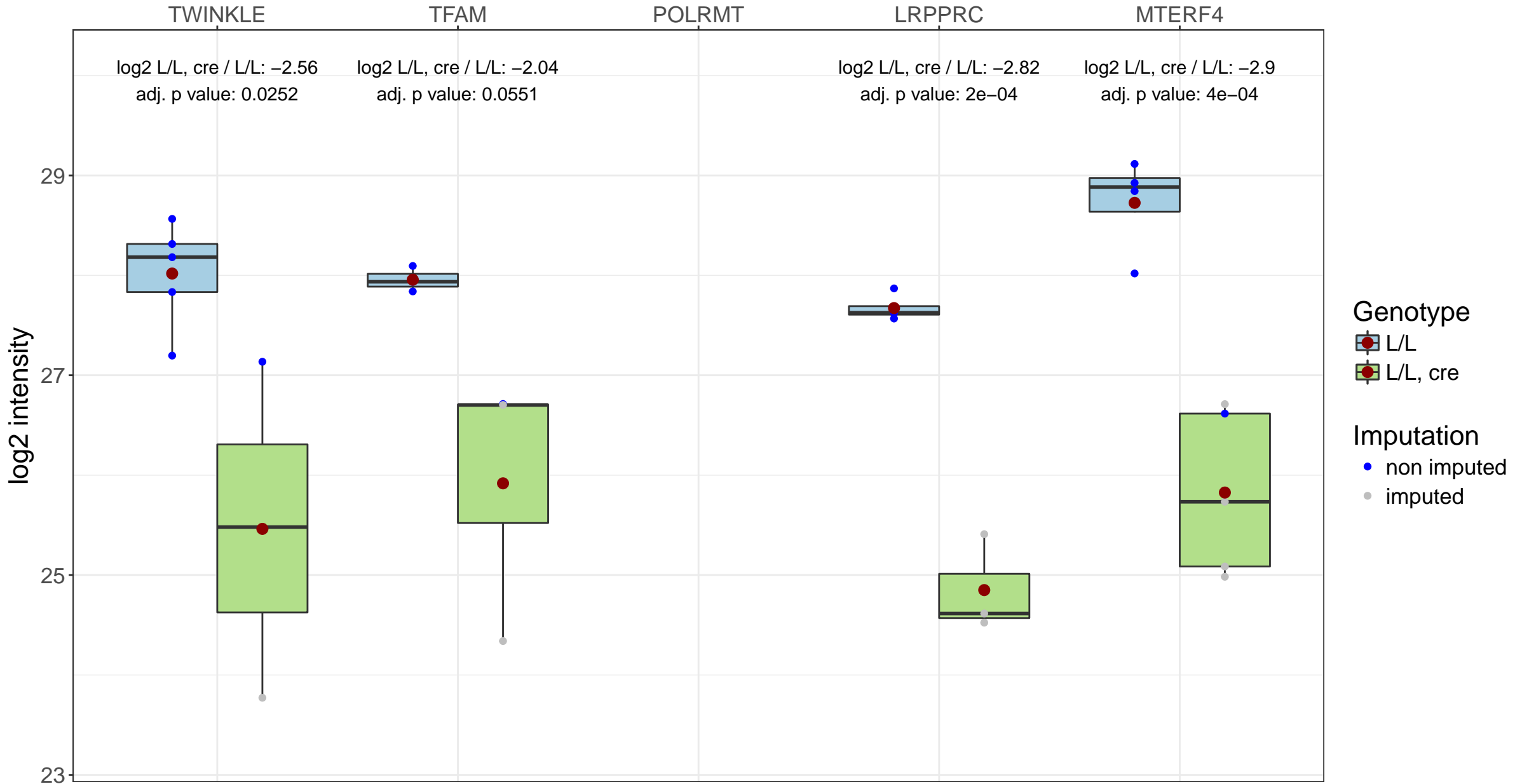




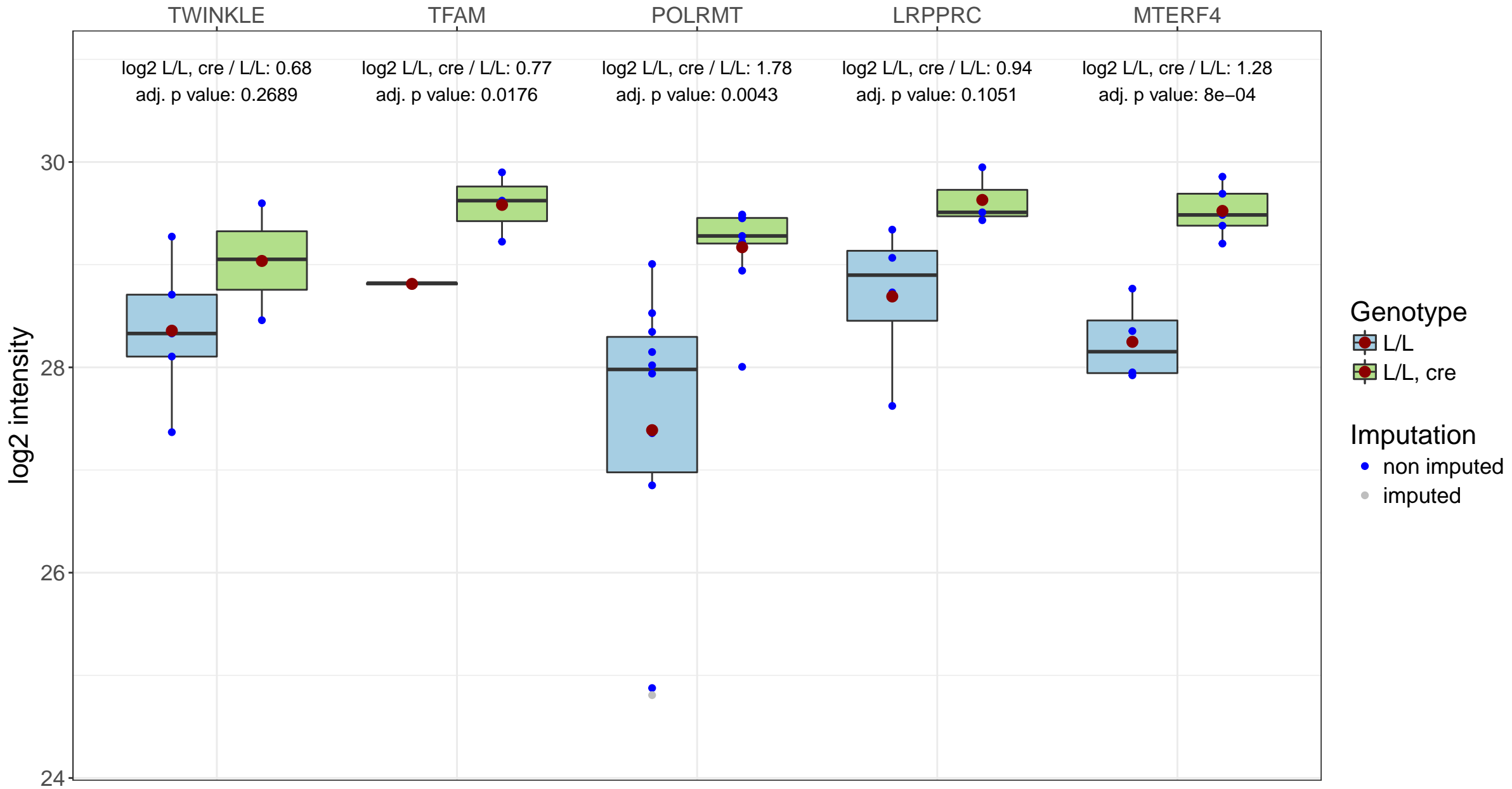
# AARS2 / Q14CH7



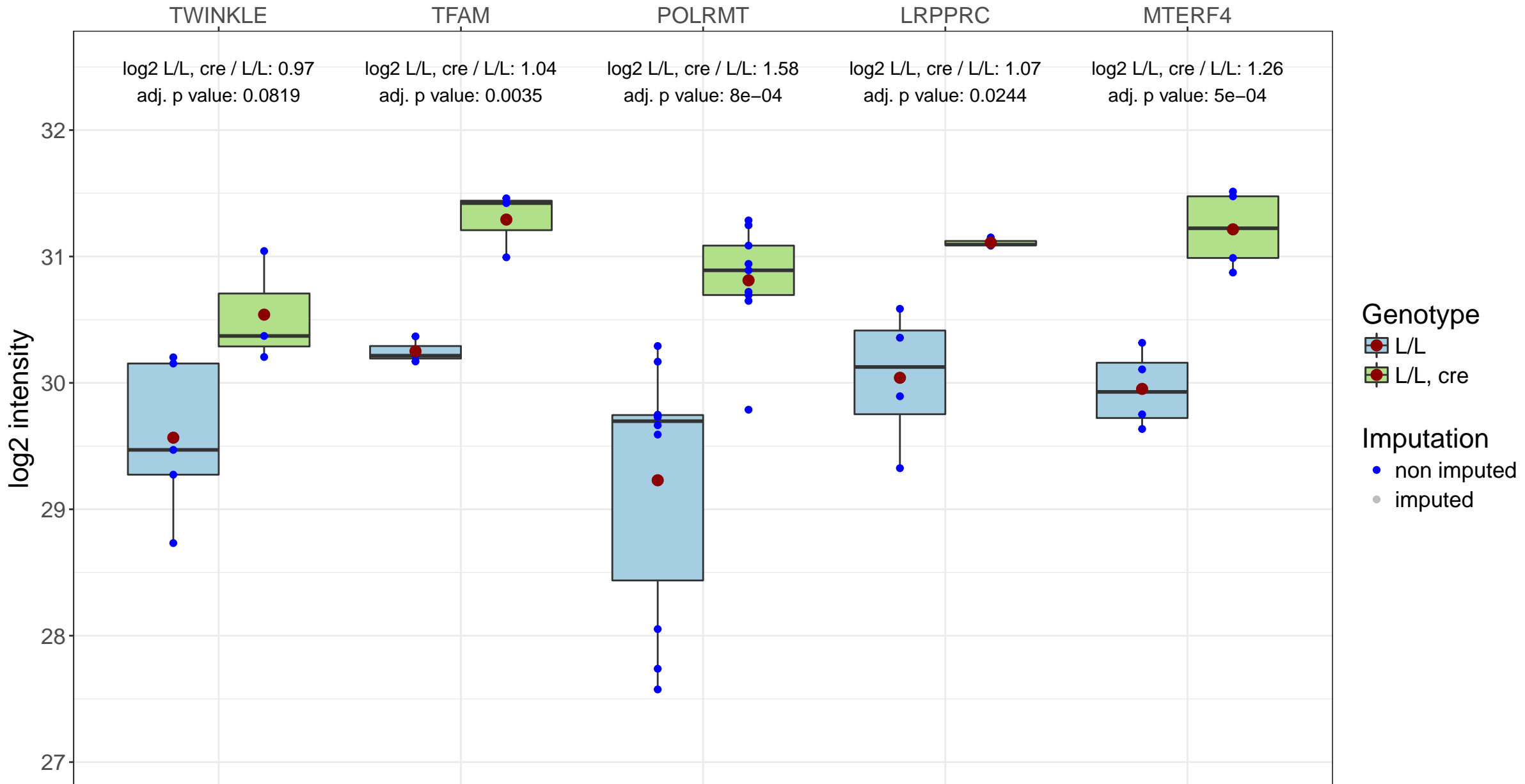
# ABAT / P61922



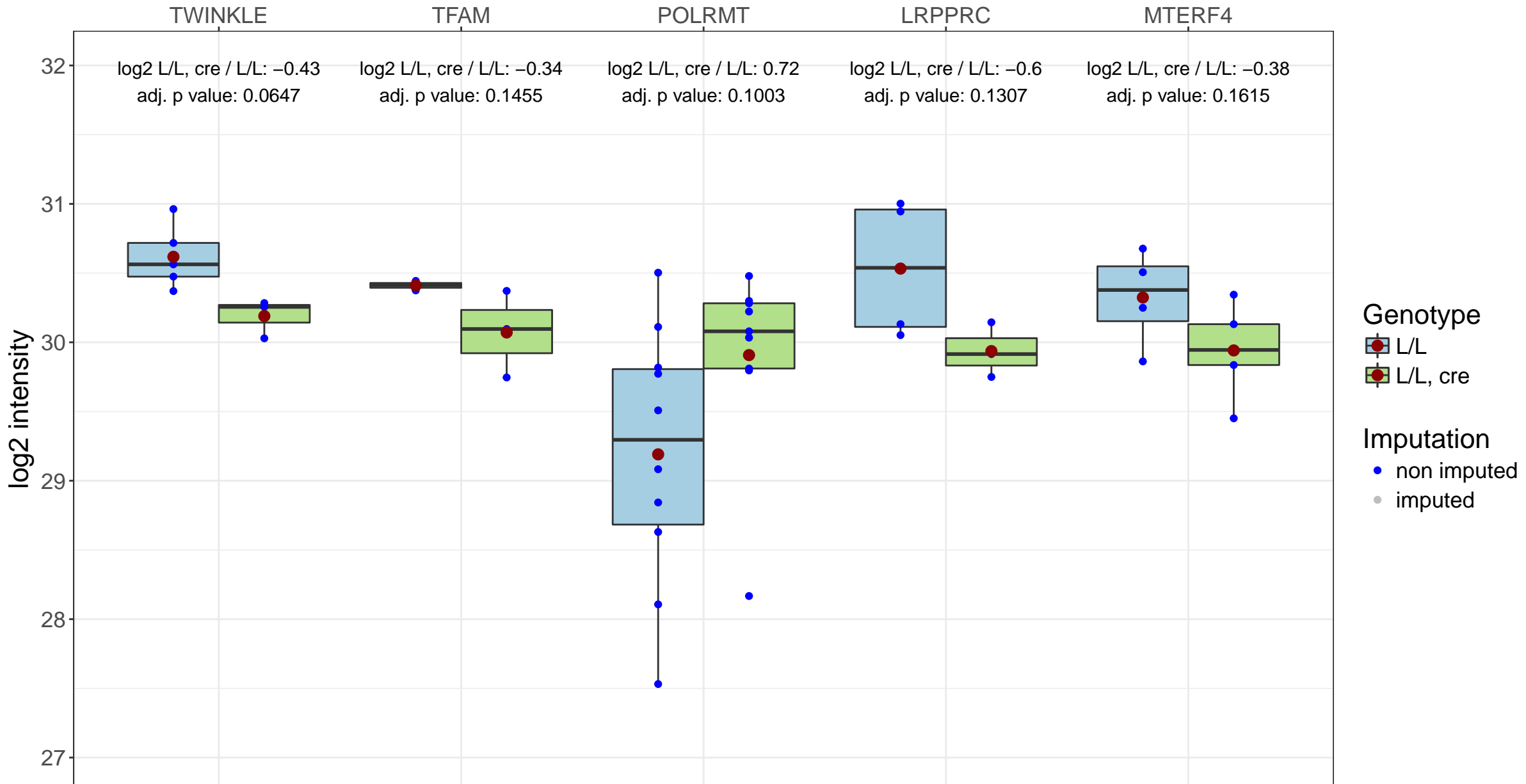
# ABCB10 / Q9JI39



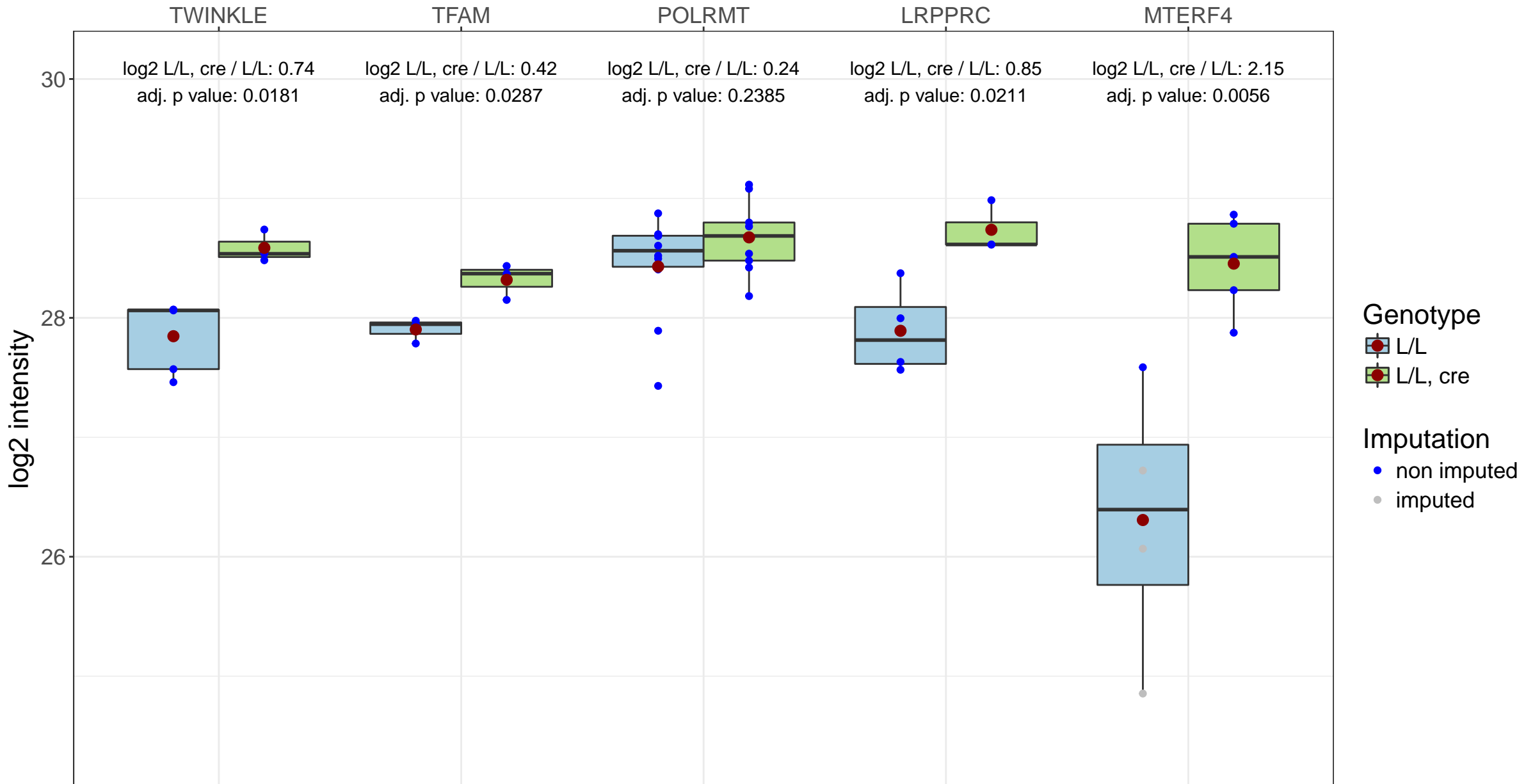
# ABCB7 / Q61102



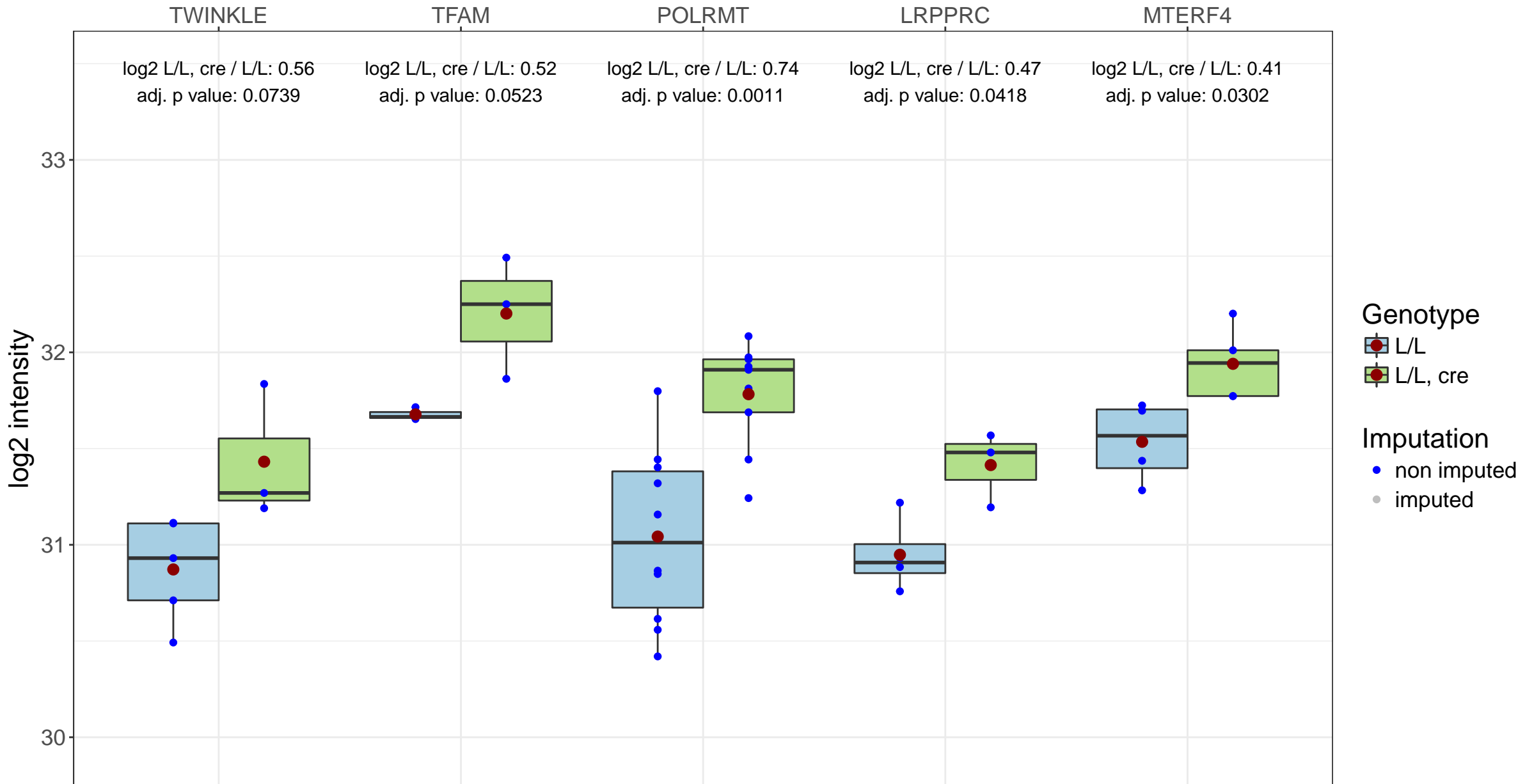
# ABCB8 / Q9CXJ4



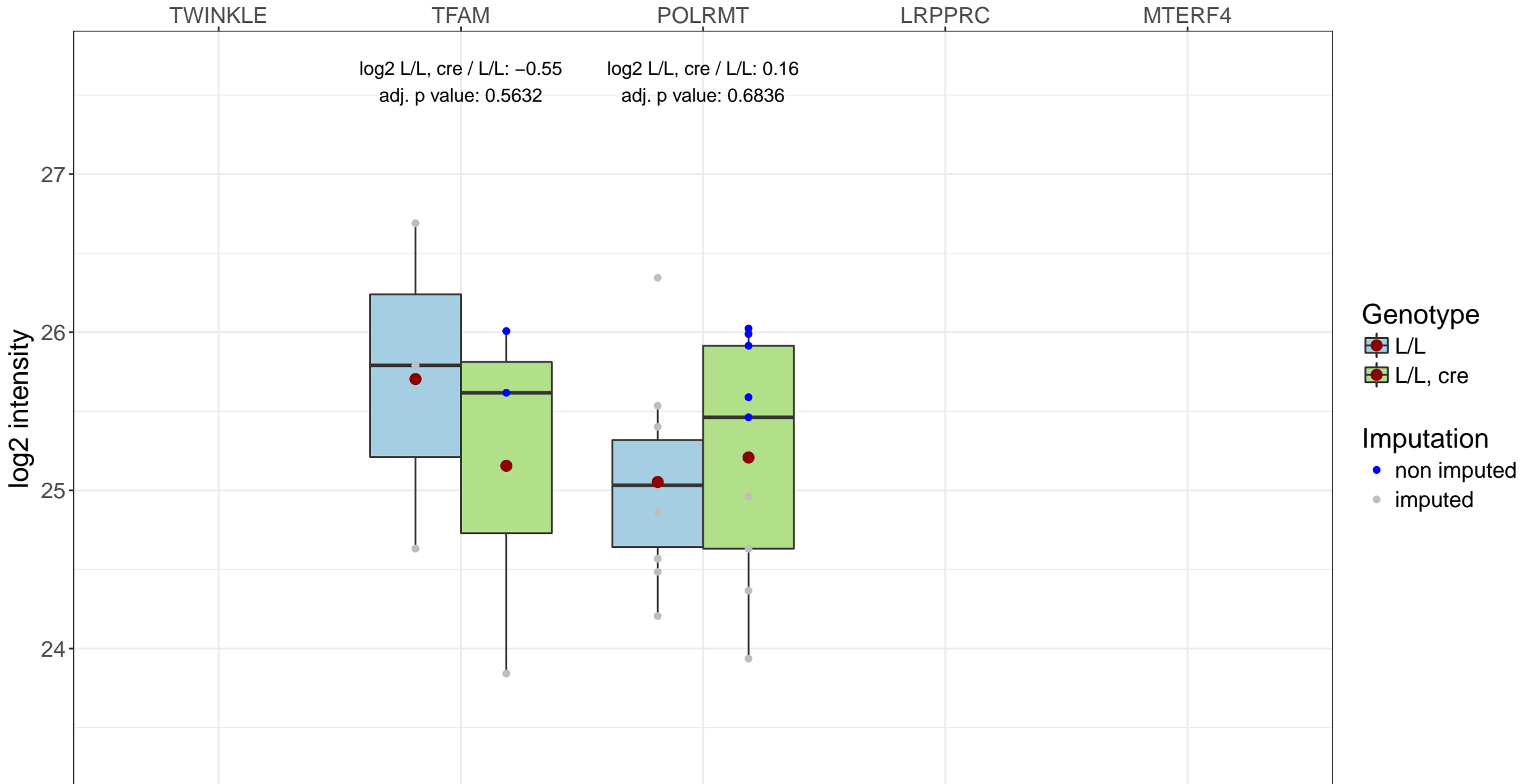
# ABHD10 / Q6PE15



# ABHD11 / Q8K4F5

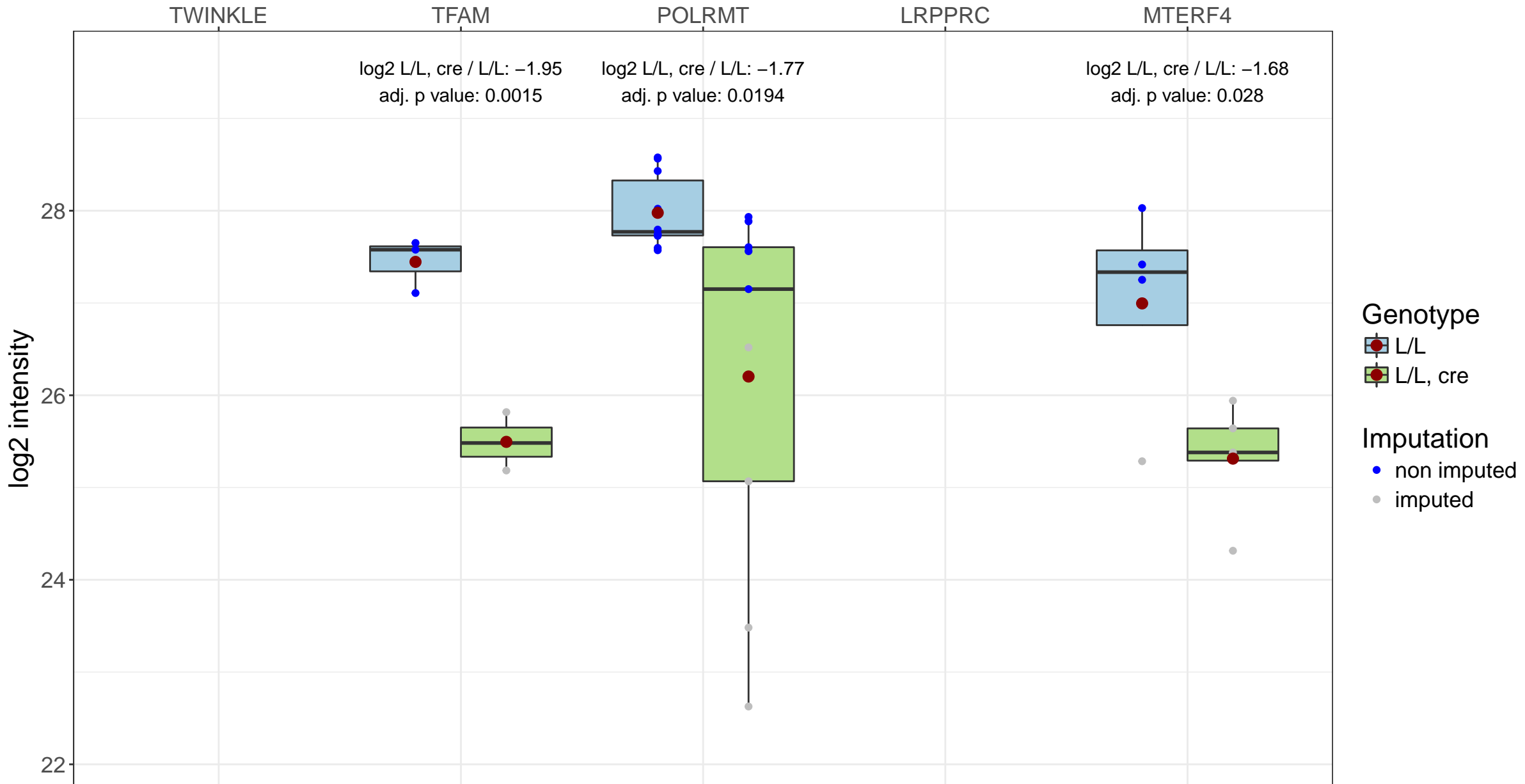


# ABHD16A / Q9Z1Q2

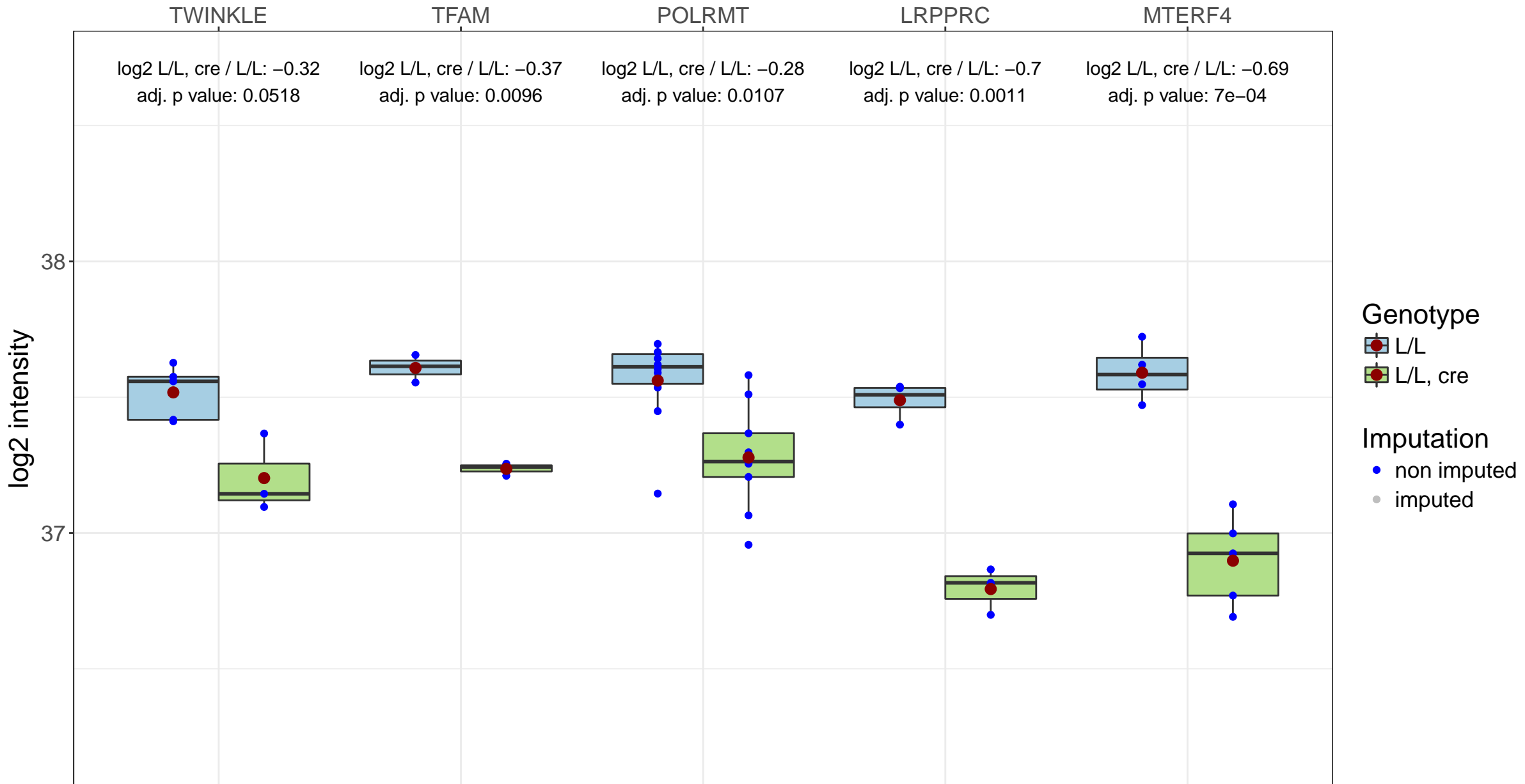




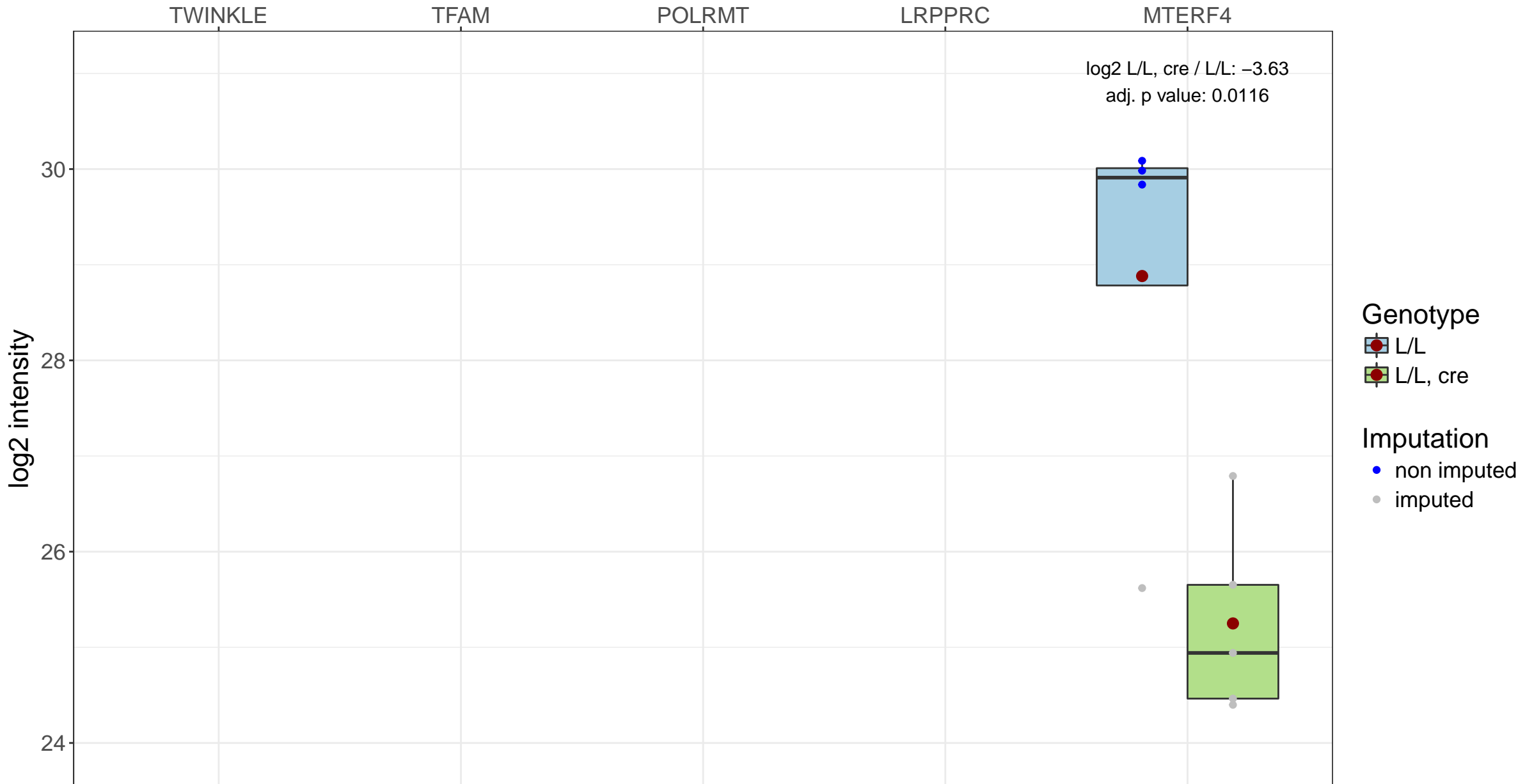
# ACAA1A / Q921H8



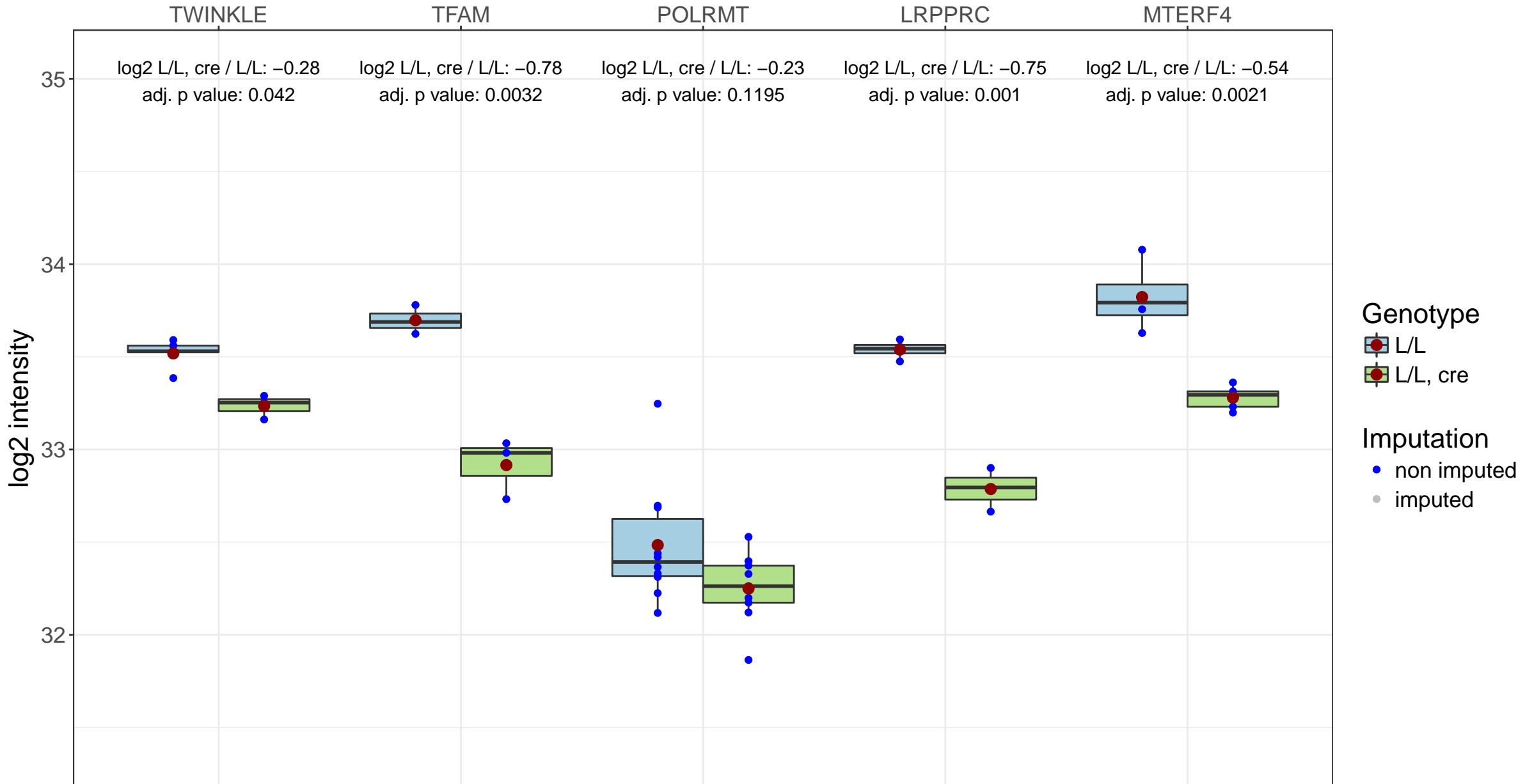
# ACAA2 / Q8BWT1



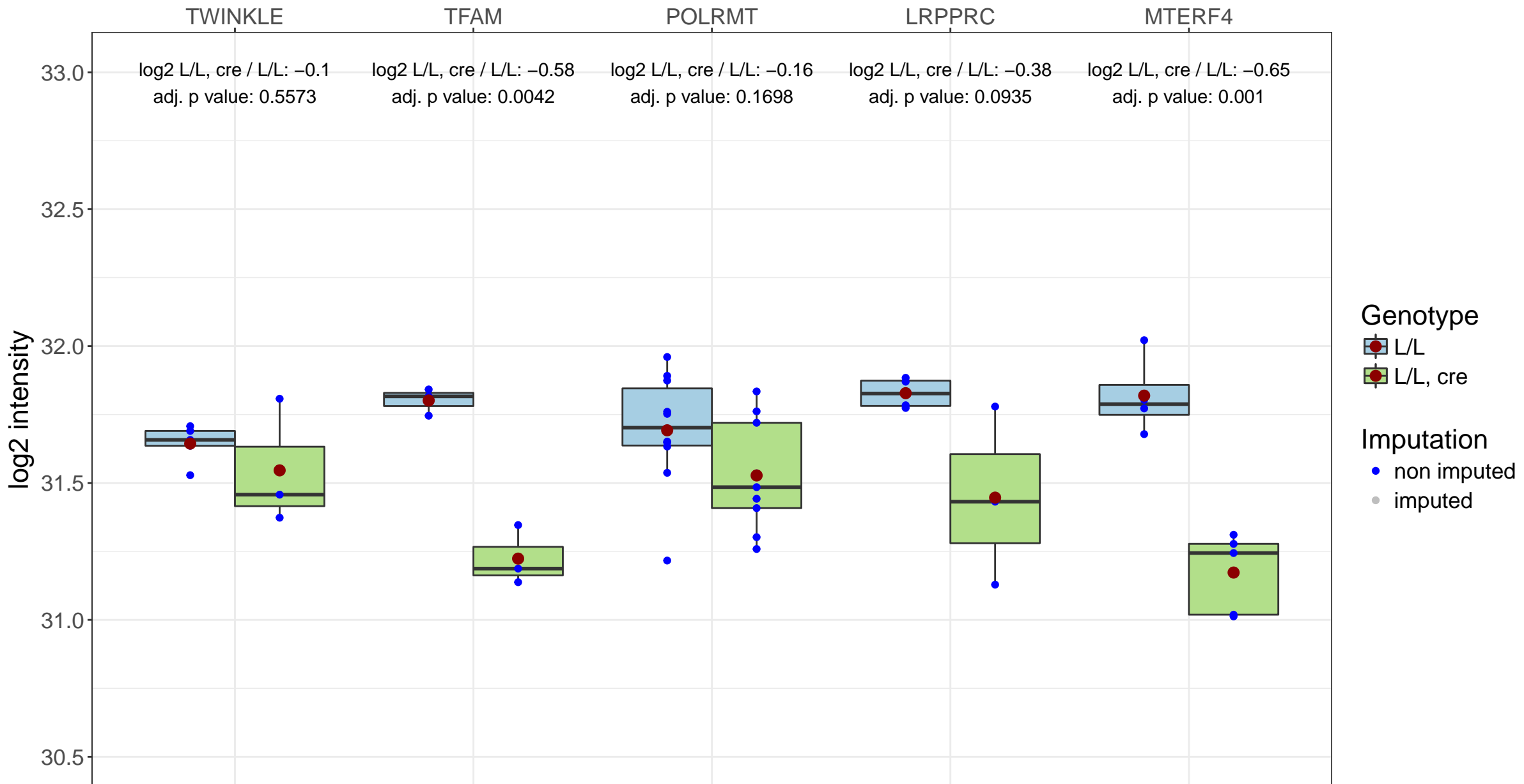
# ACAD10 / Q8K370



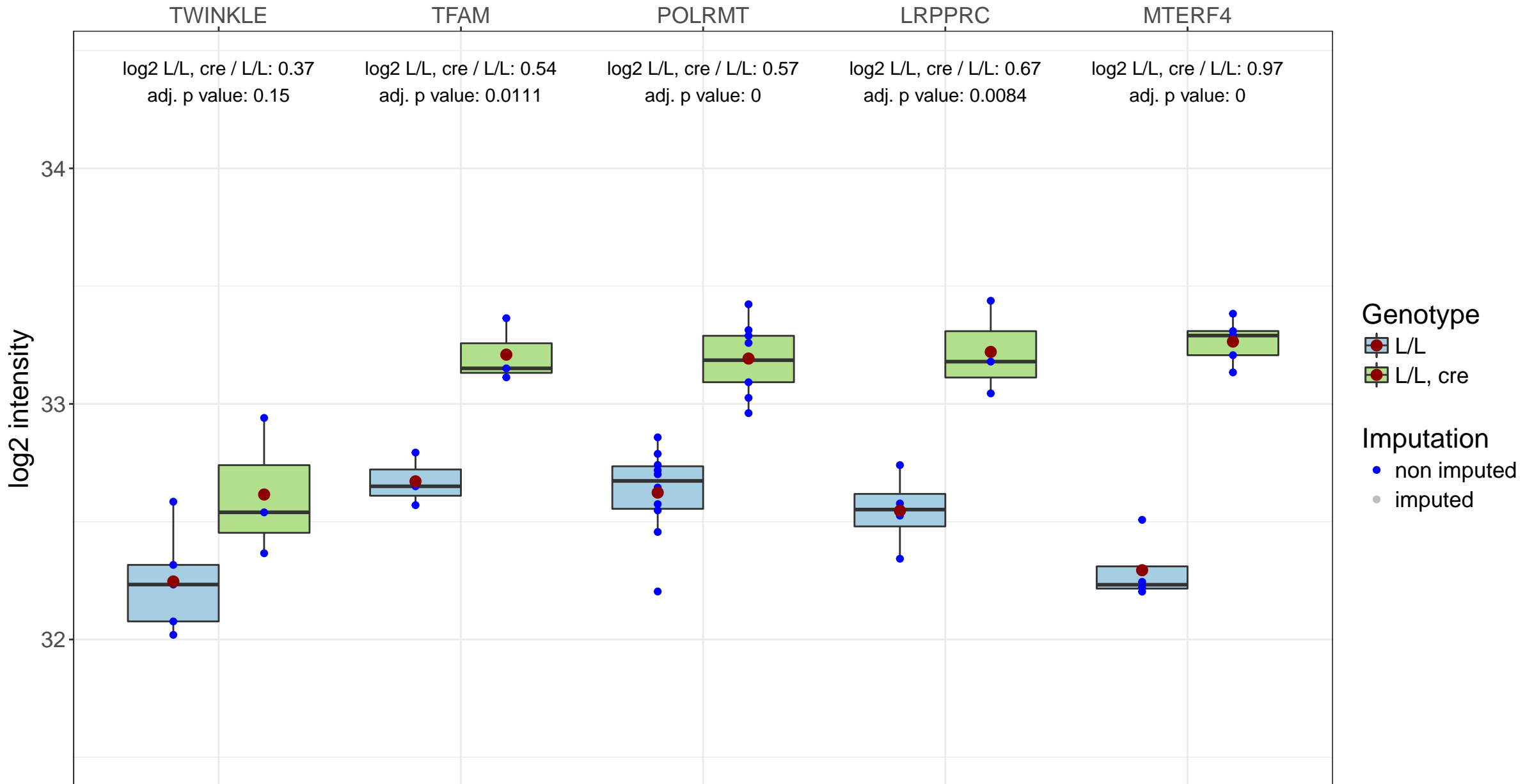
# ACAD12 / D3Z7X0



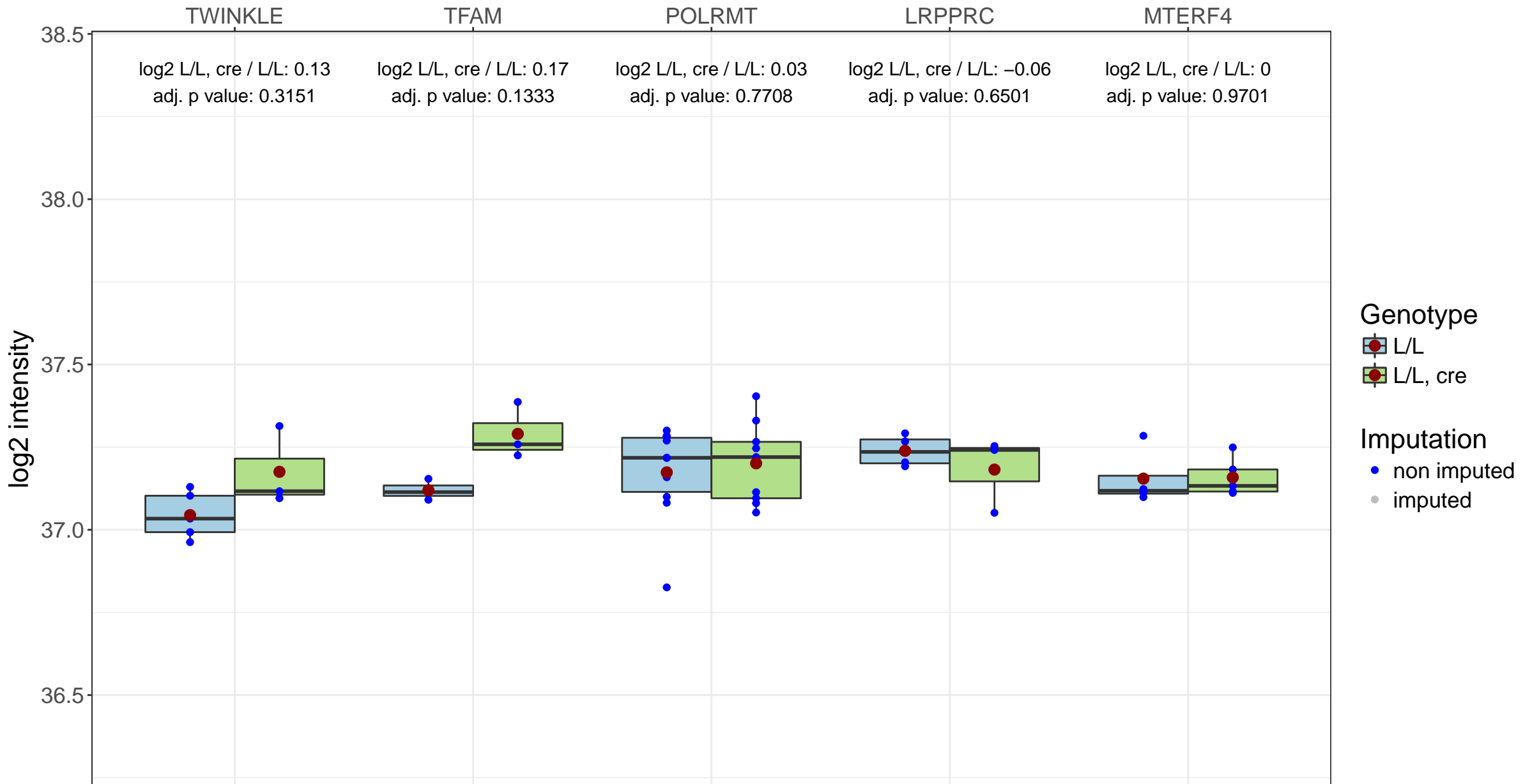
# ACAD8 / Q9D7B6



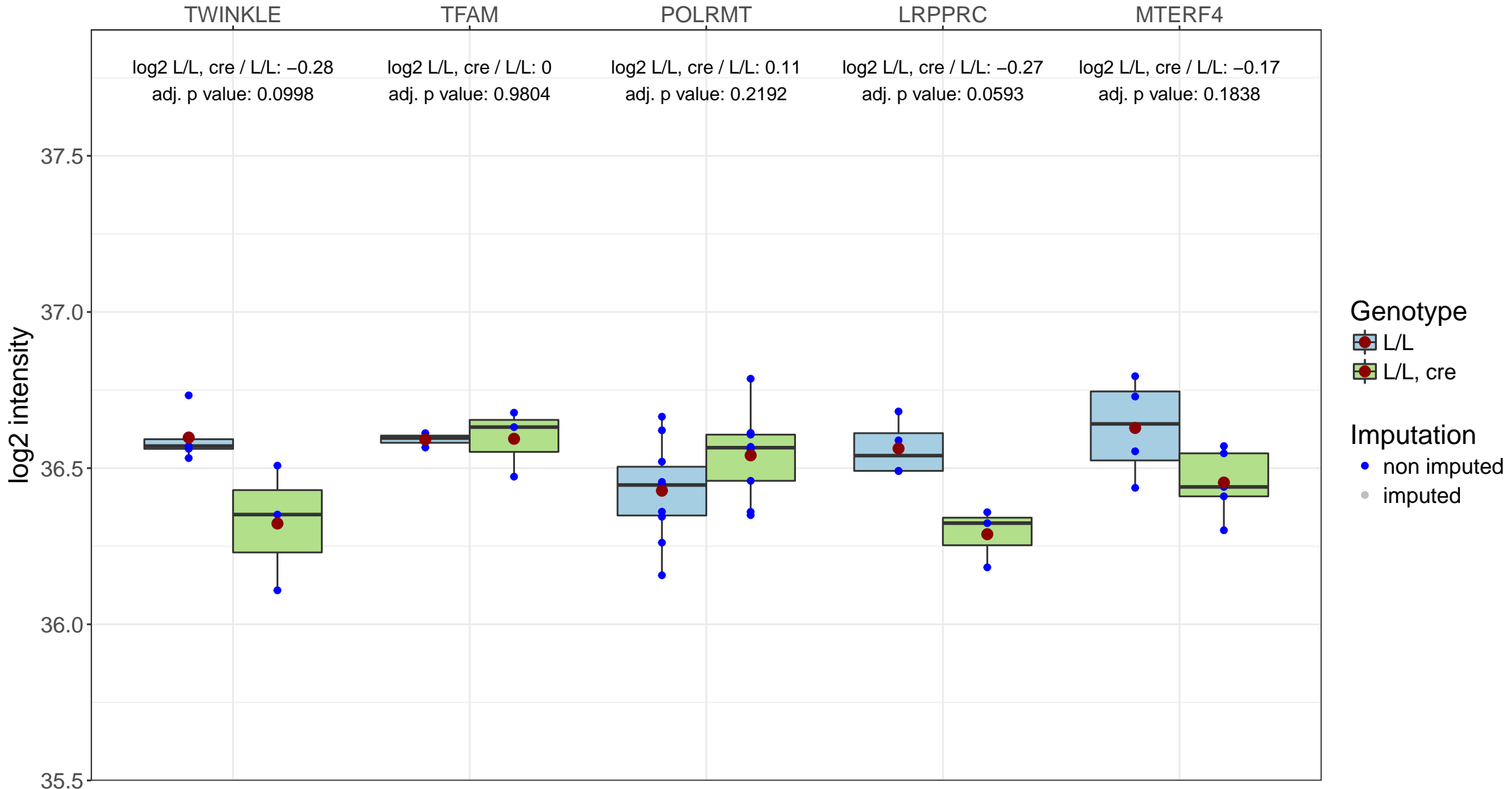
# ACAD9 / Q8JZN5



# ACADL / P51174

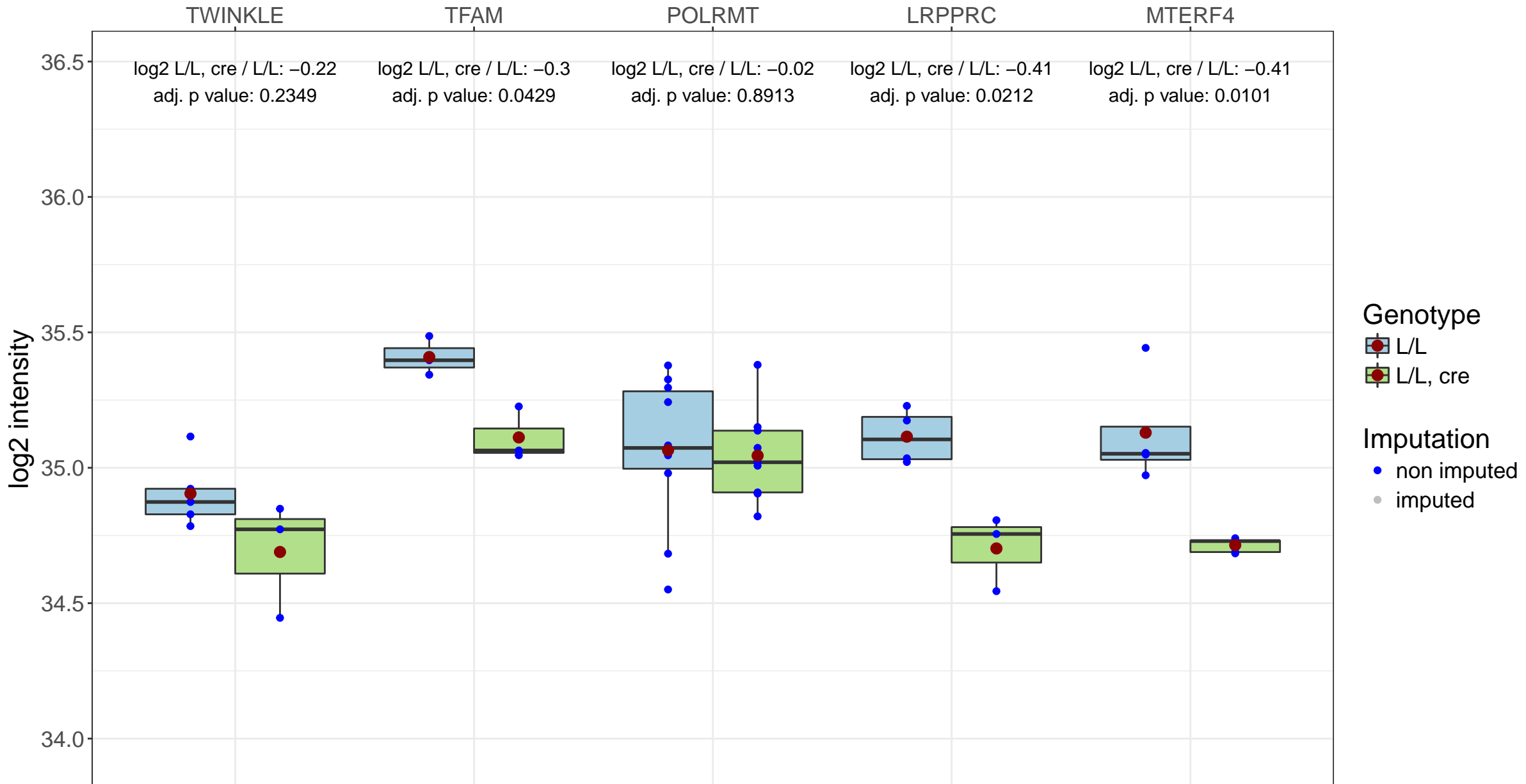


# ACADM / P45952

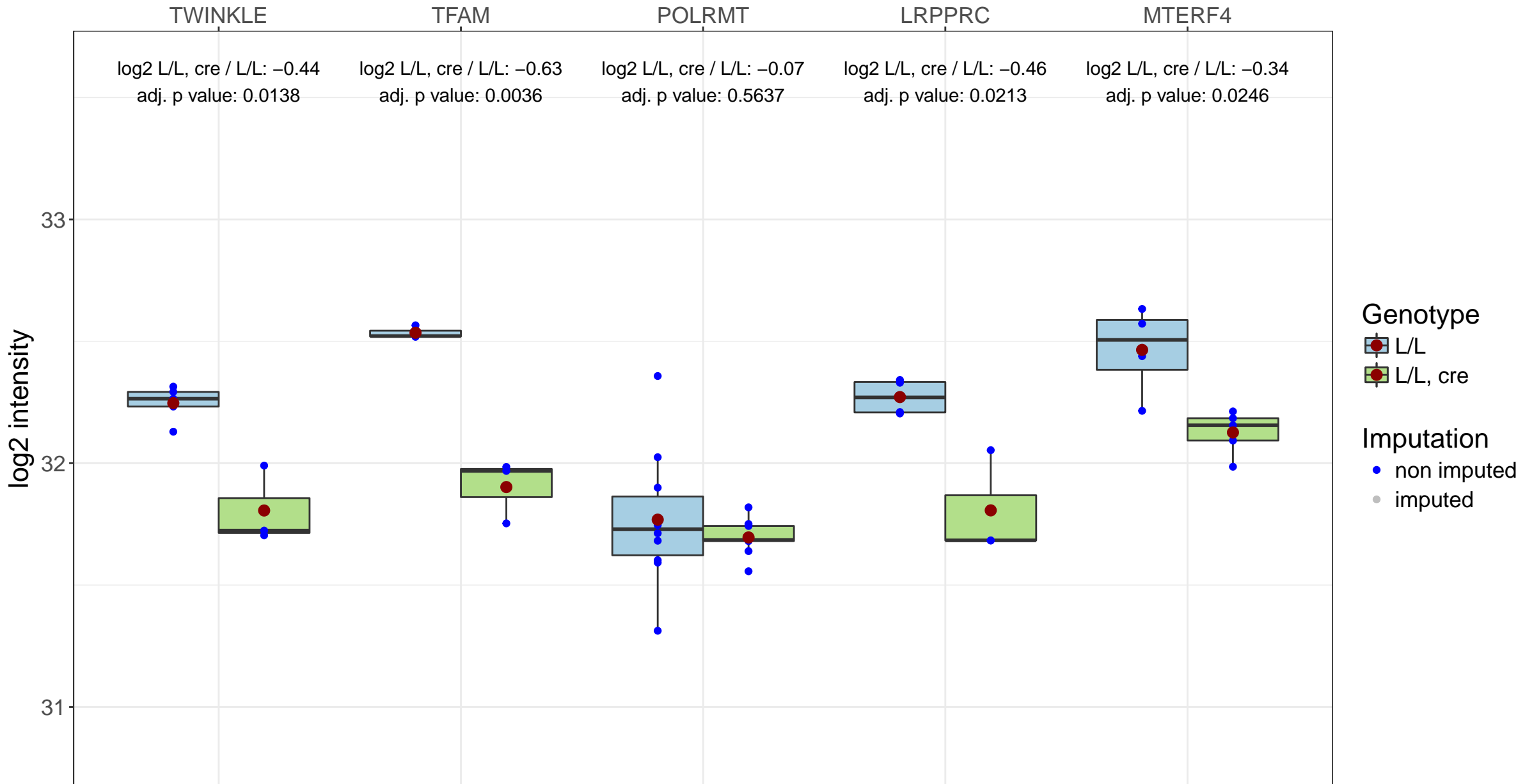




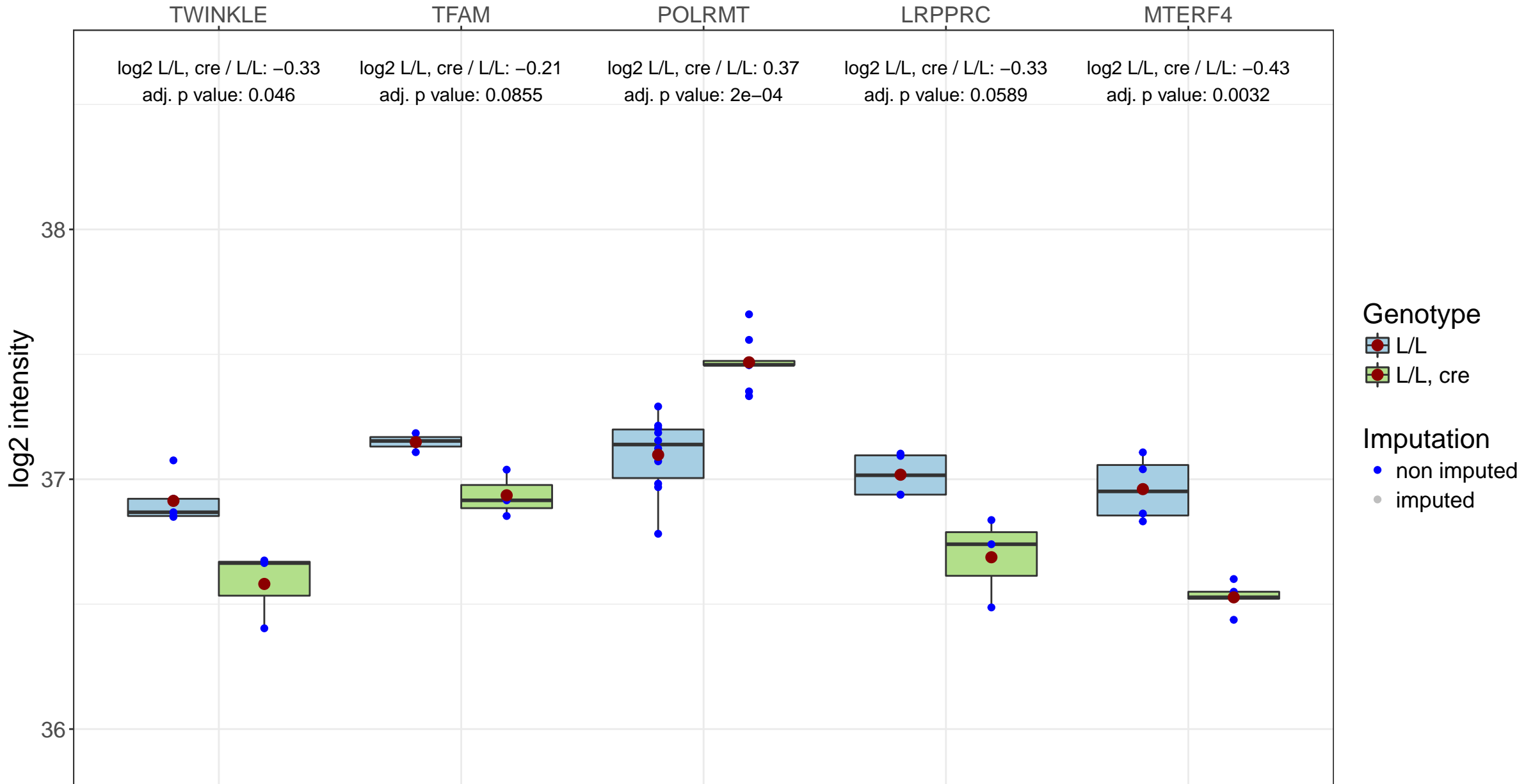
# ACADS / Q07417



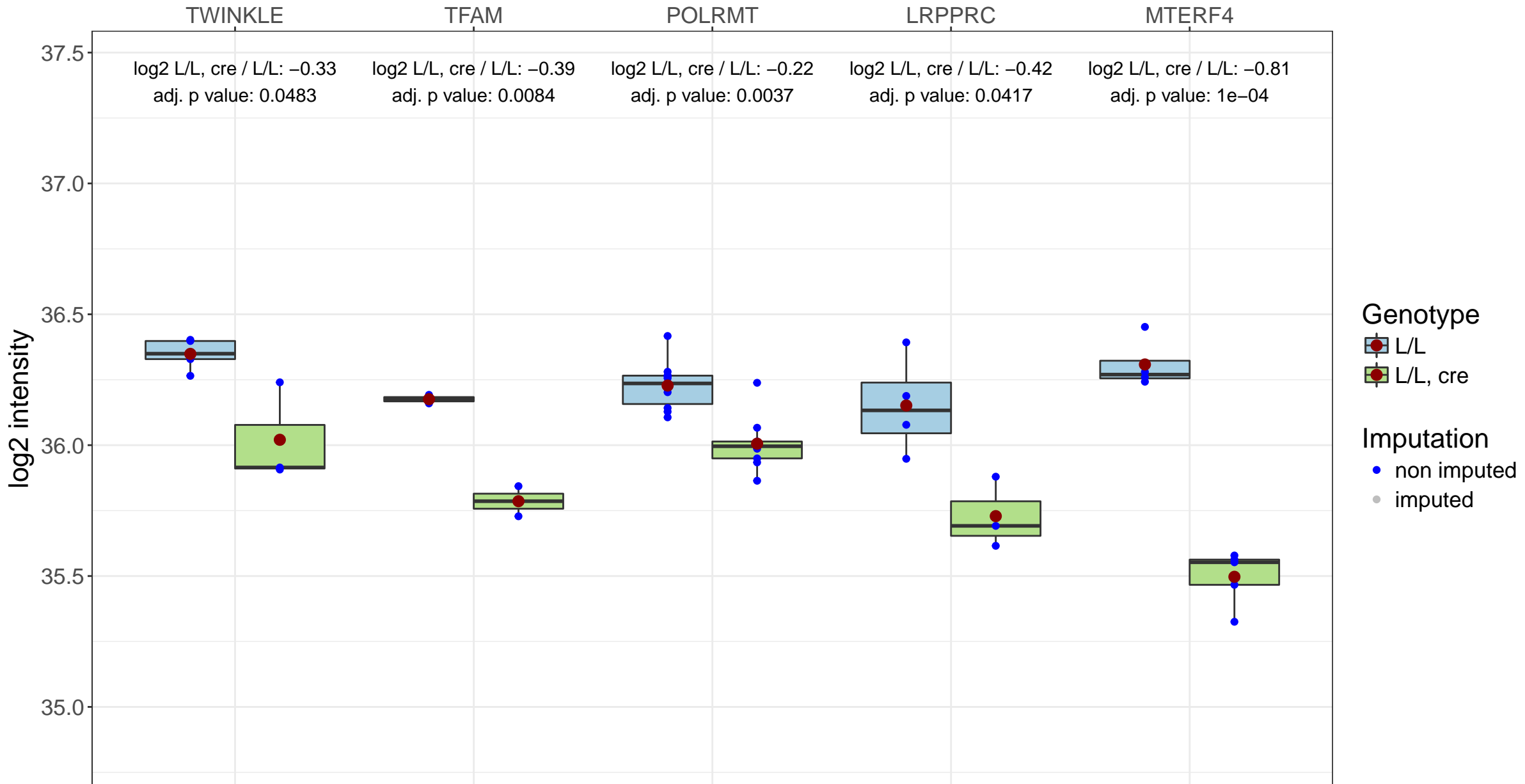
# ACADSB / Q9DBL1



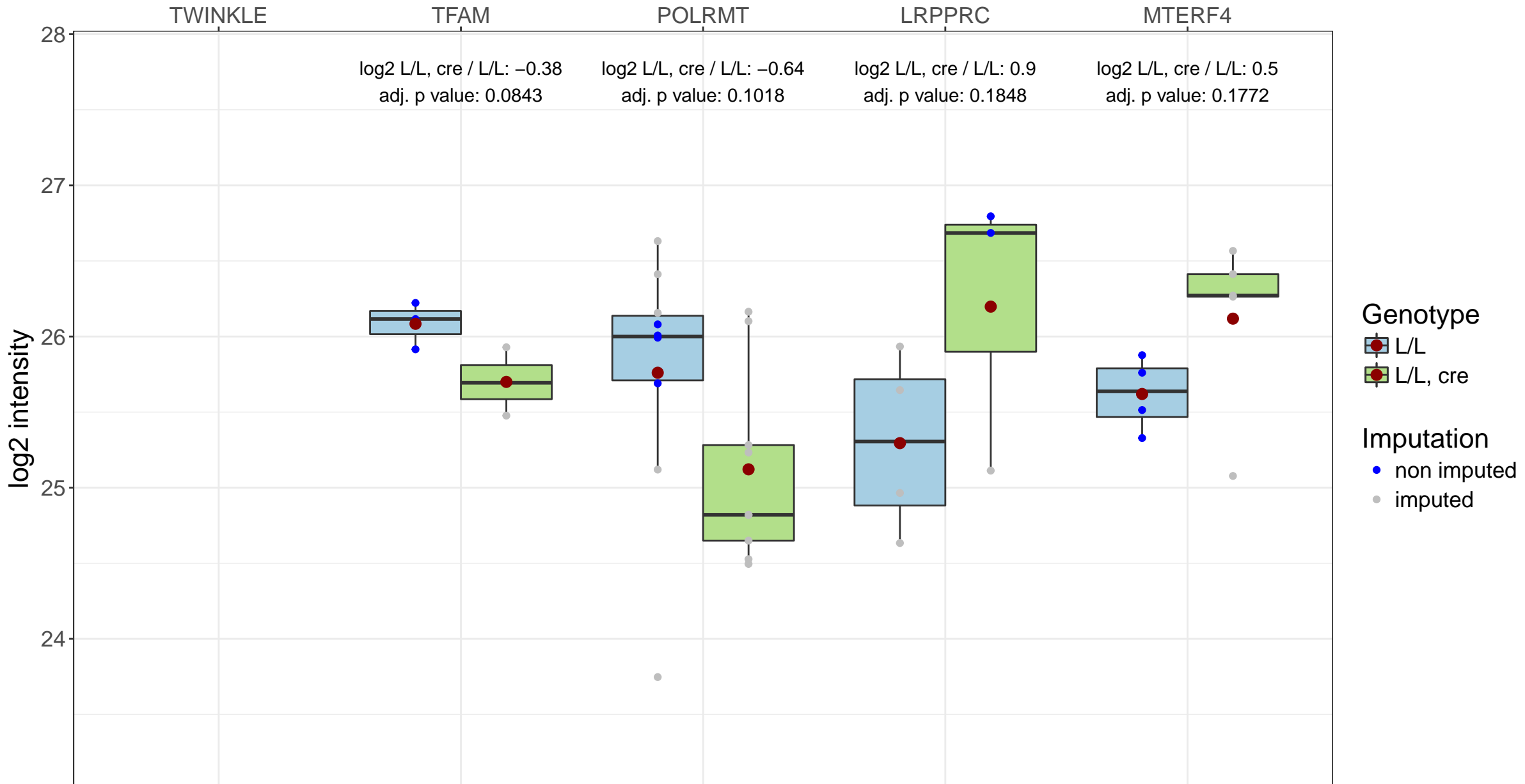
# ACADV1 / P50544



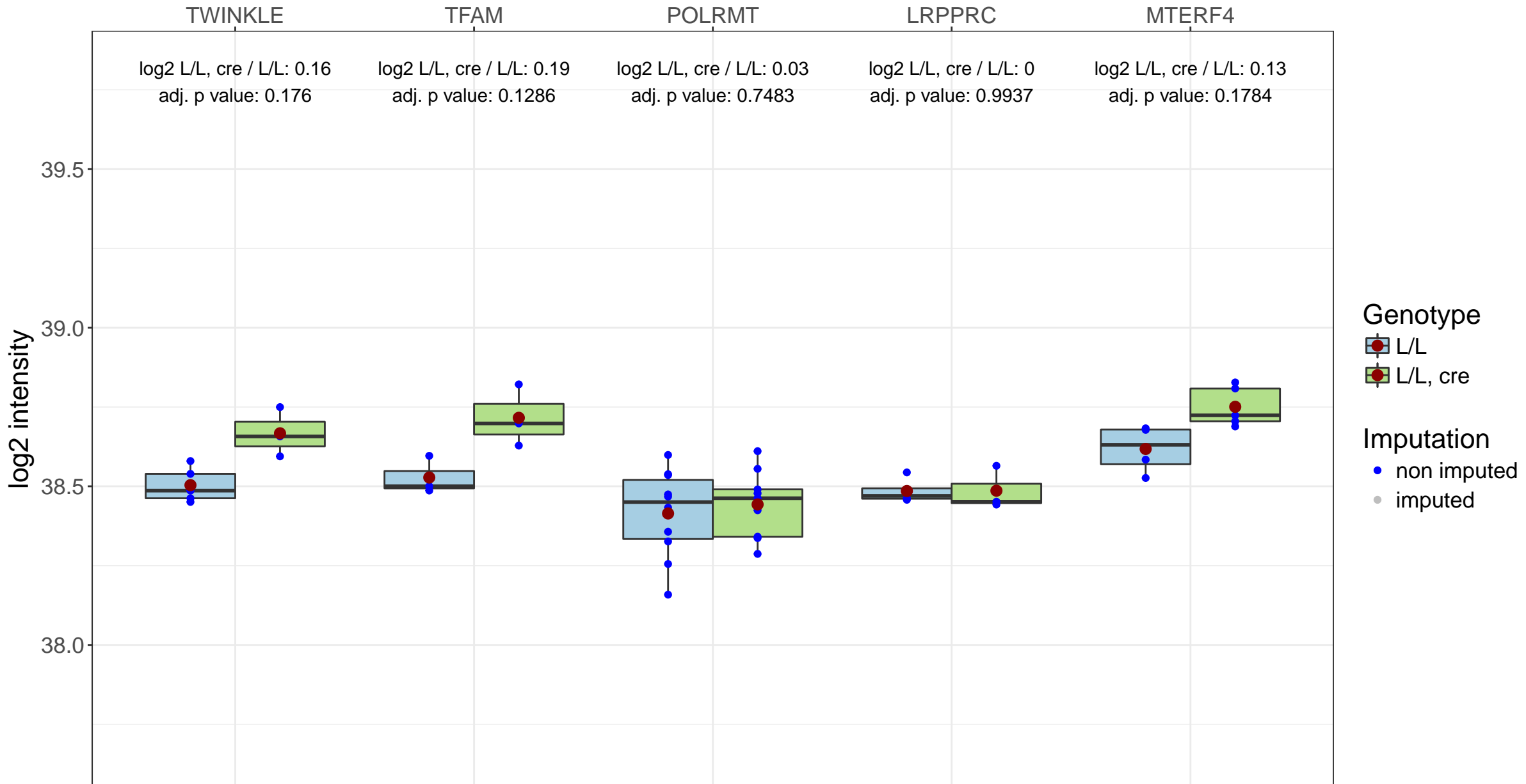
# ACAT1 / Q8QZT1



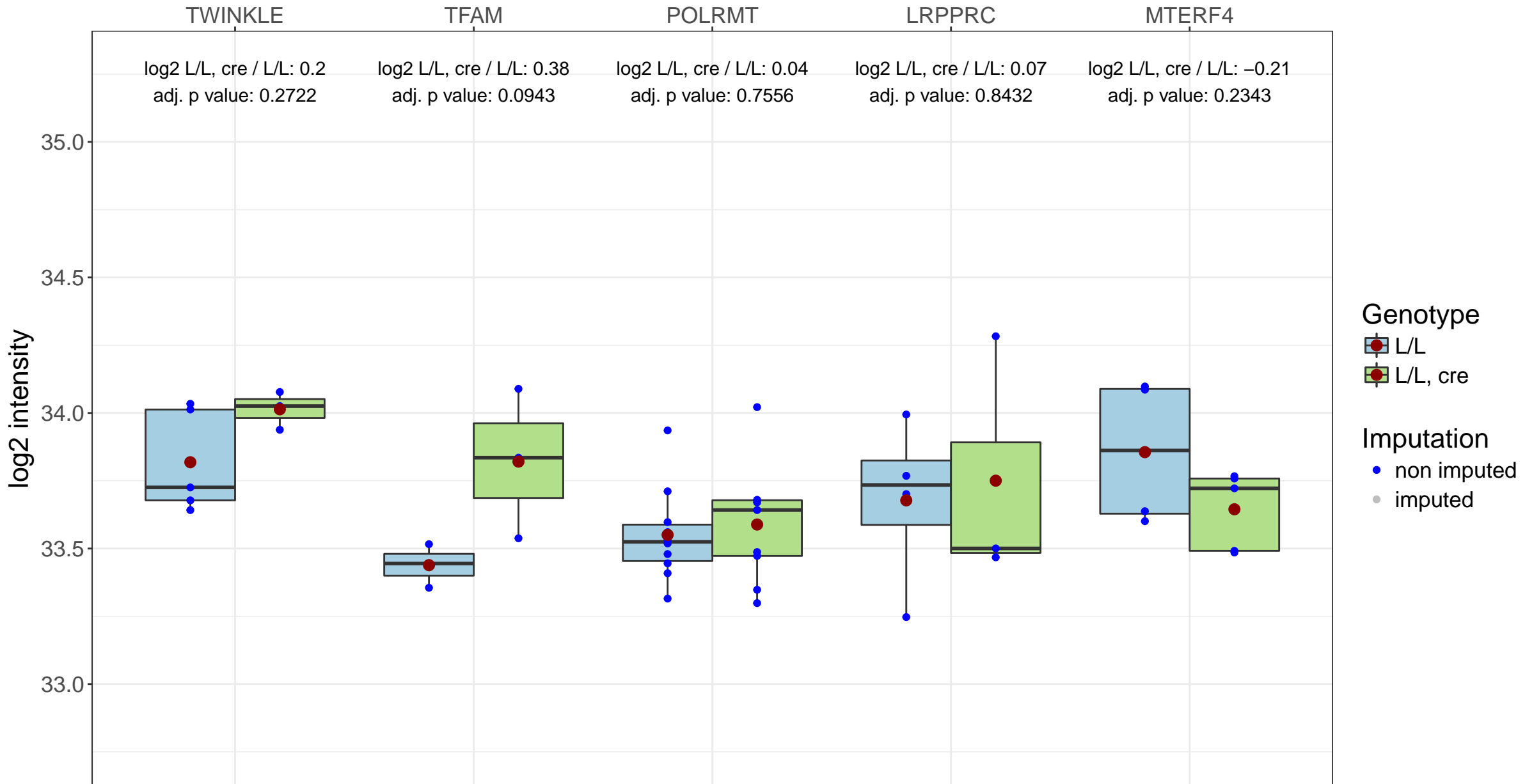
# ACN9 / Q8BQU3



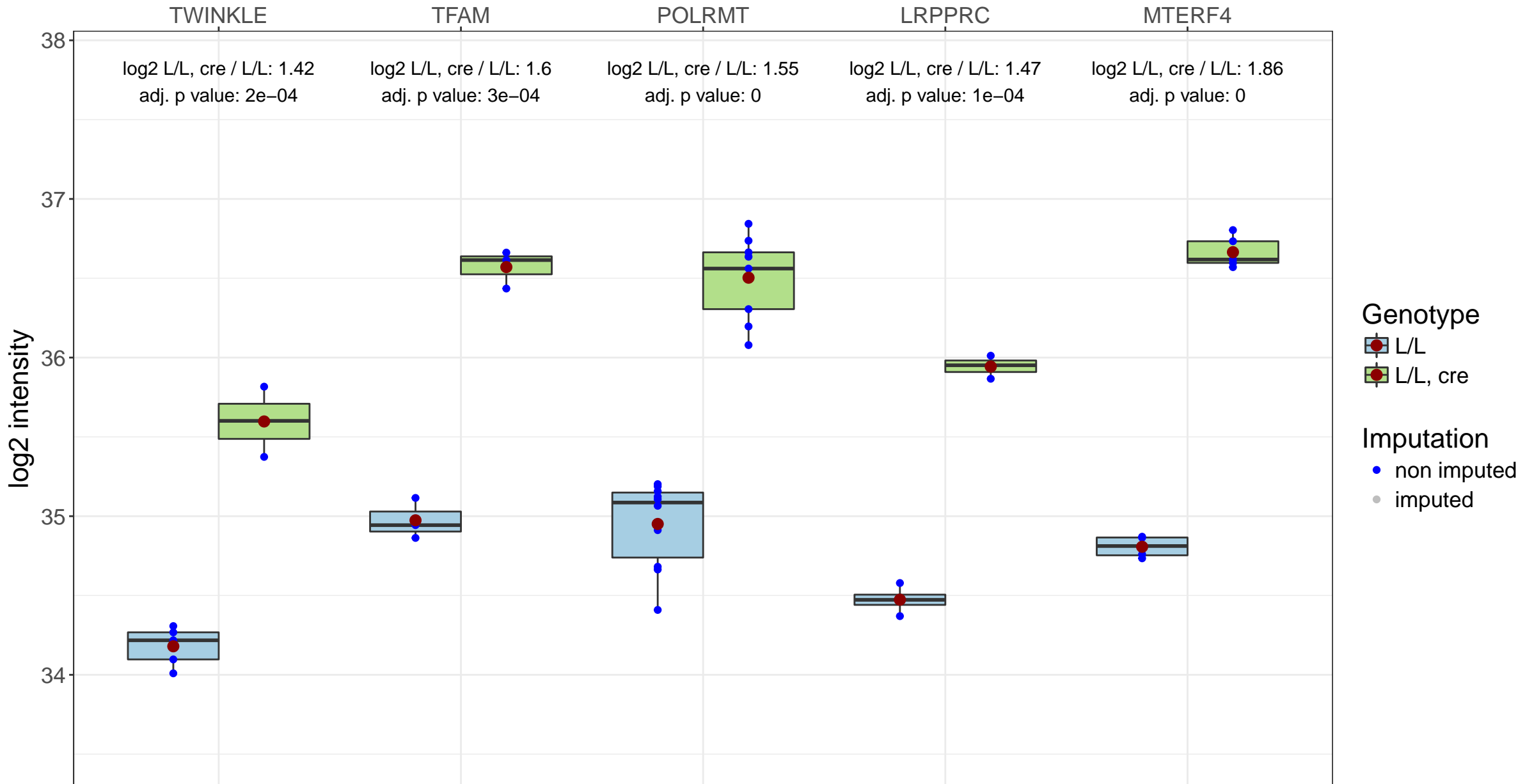
# ACO2 / Q99KI0



# ACOT13 / Q9CQR4

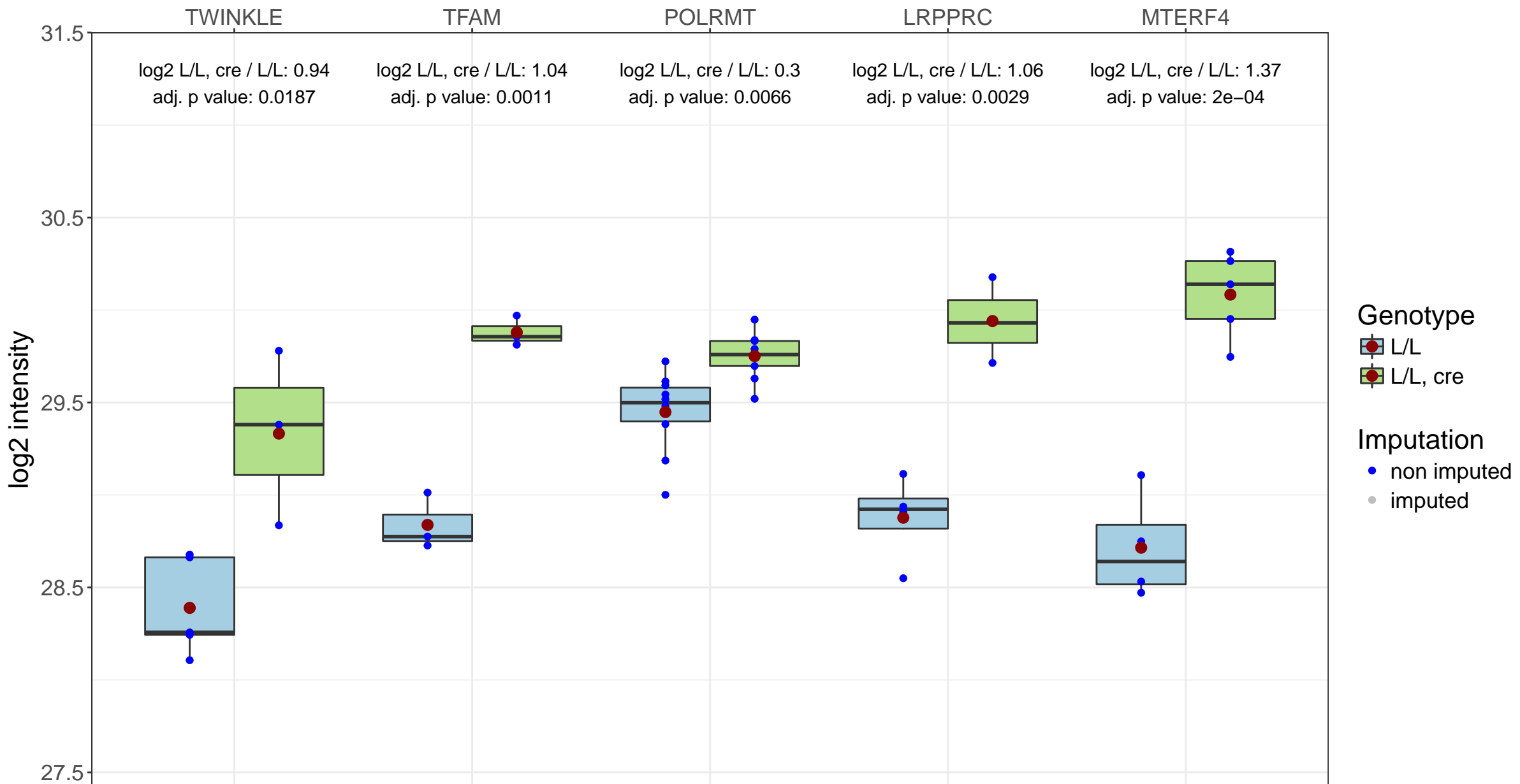


# ACOT2 / Q9QYR9

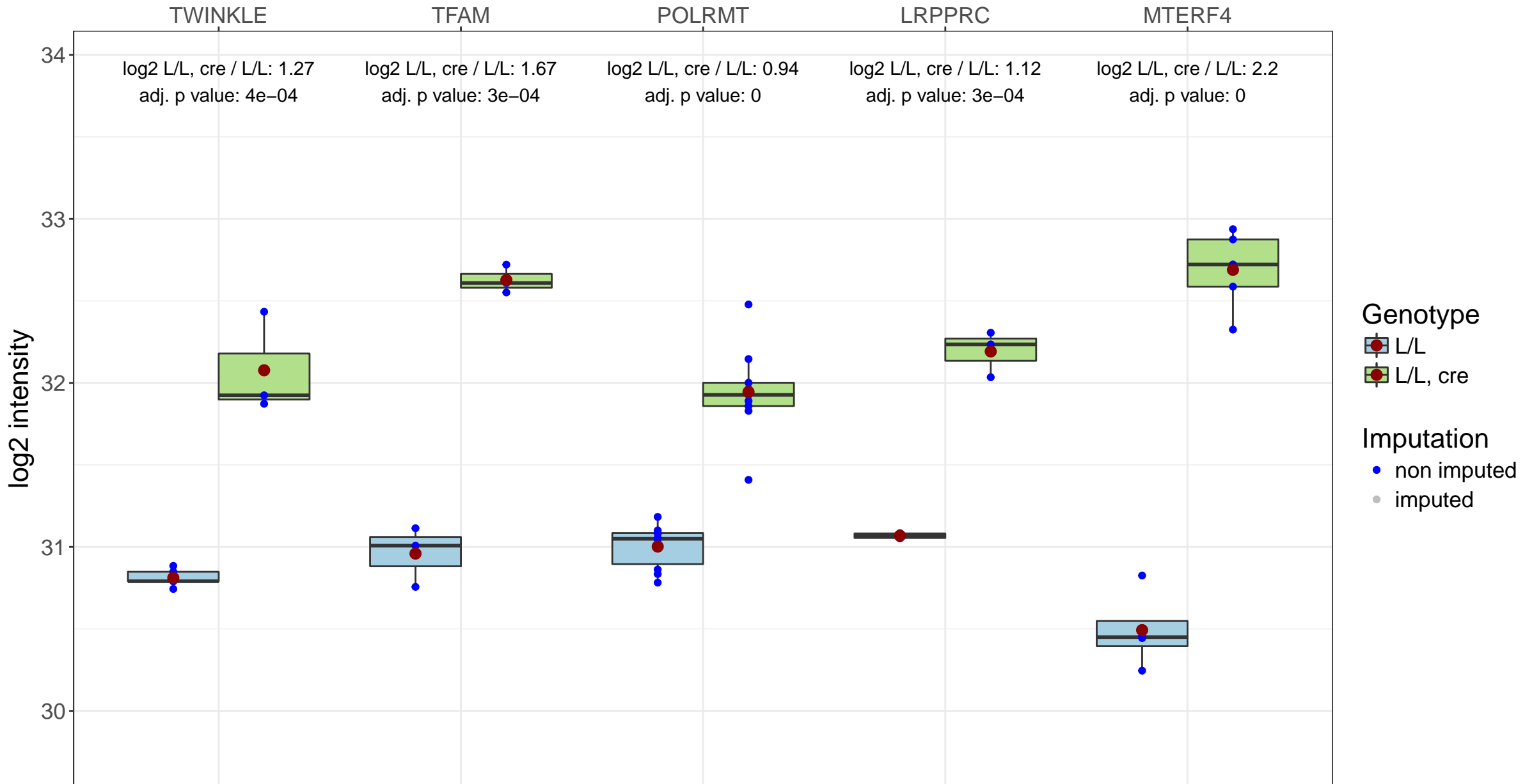




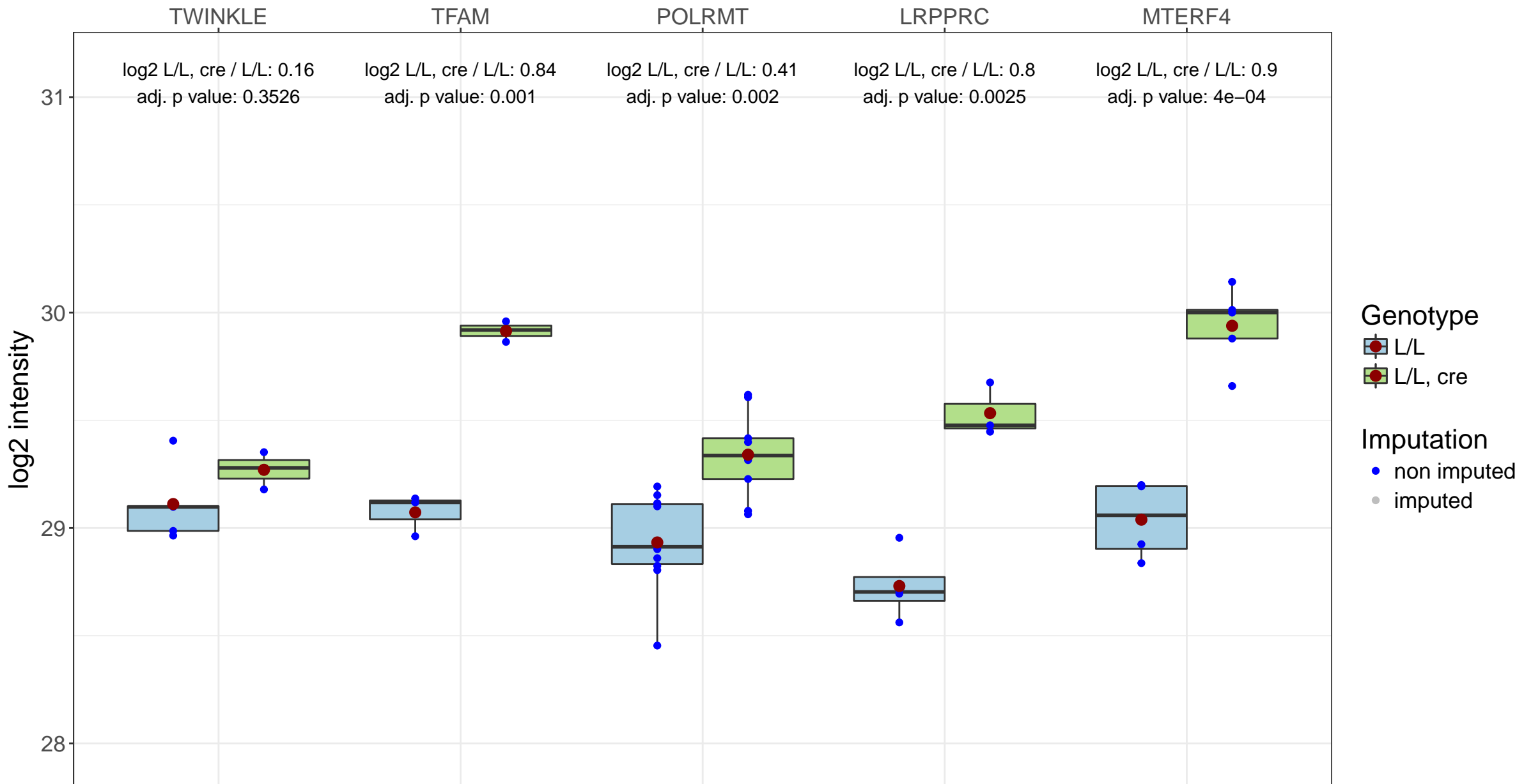
# ACOT7 / E9PYH2



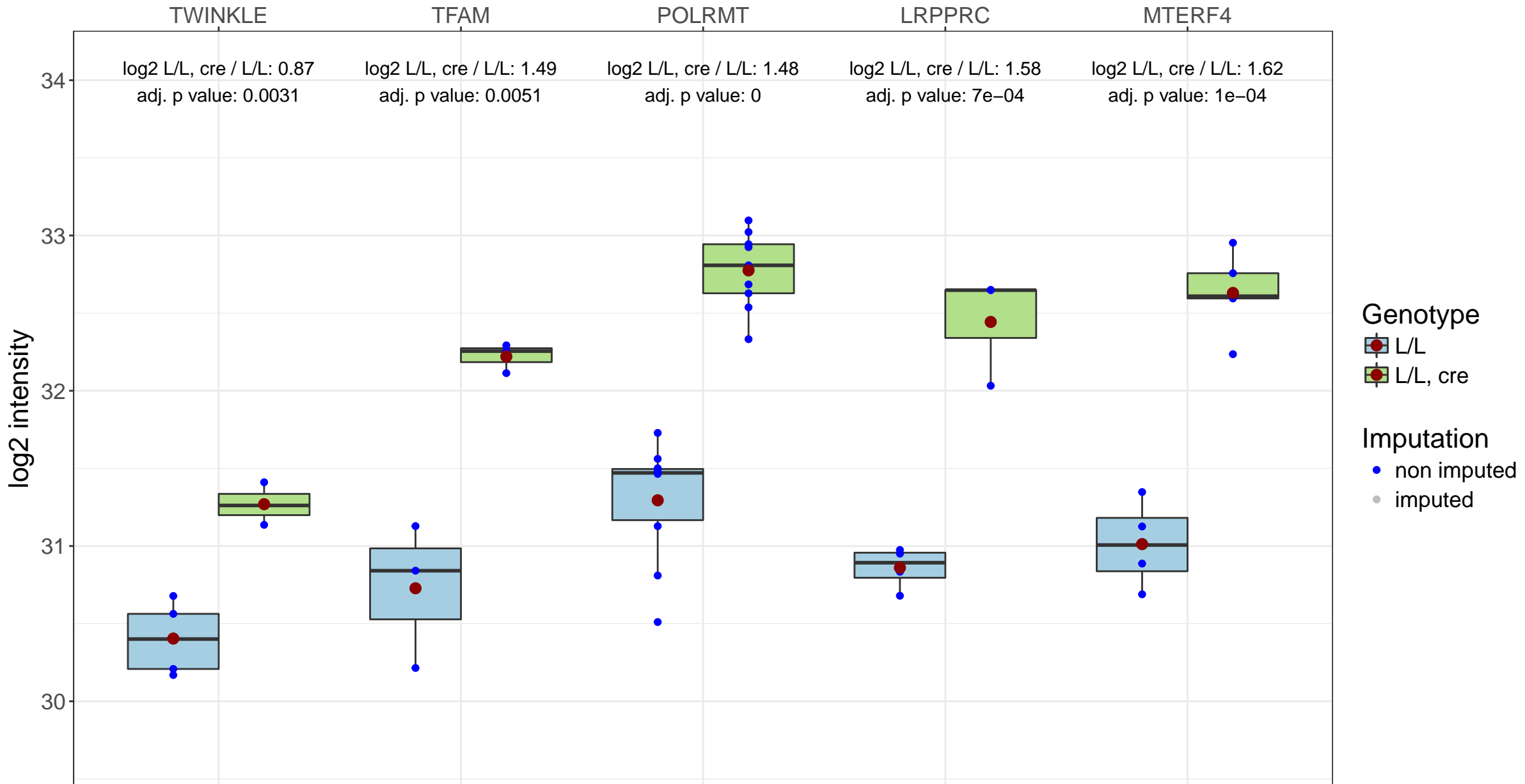
# ACOT9 / Q9R0X4



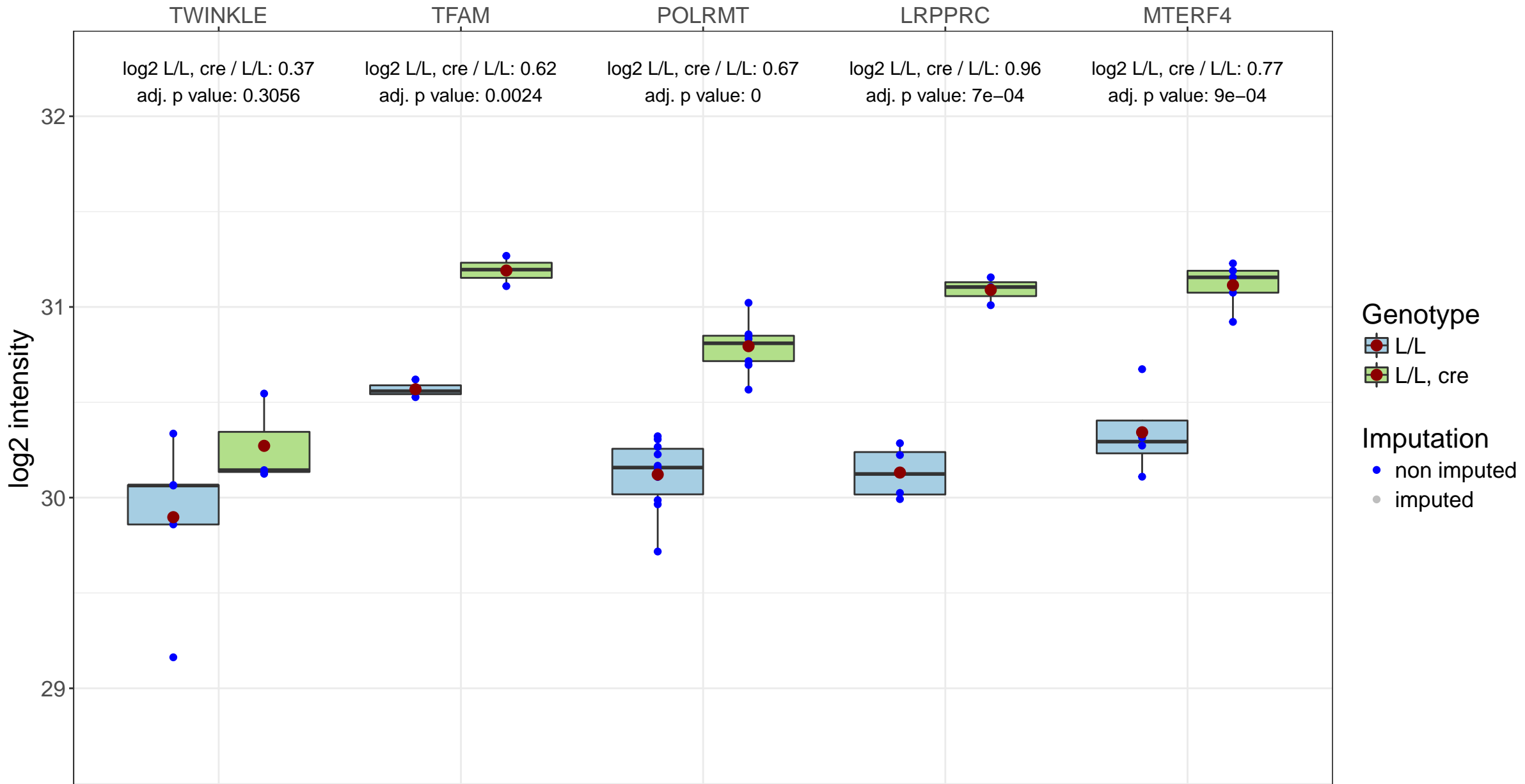
# ACP6 / Q8BP40



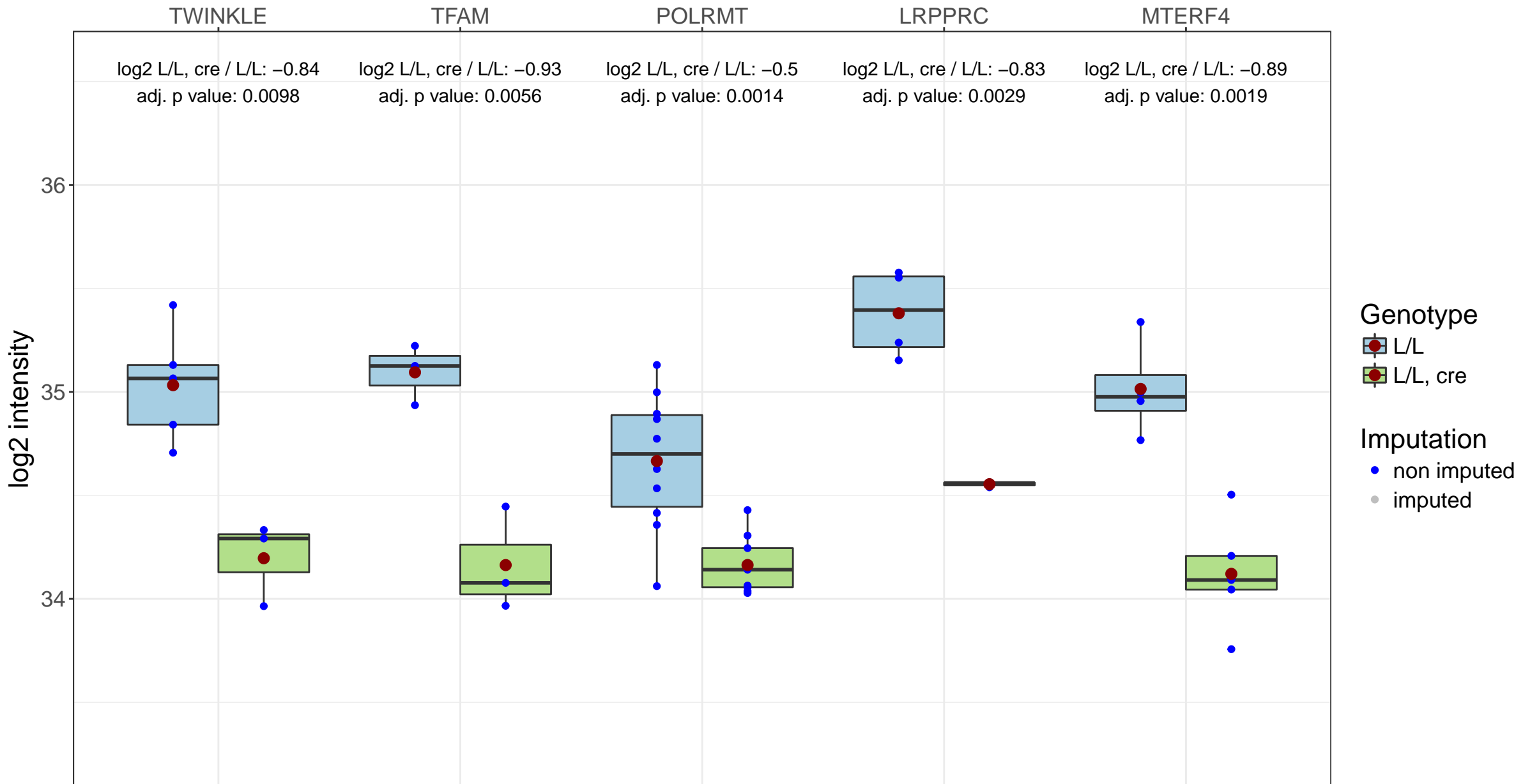
# ACSF2 / Q8VCW8



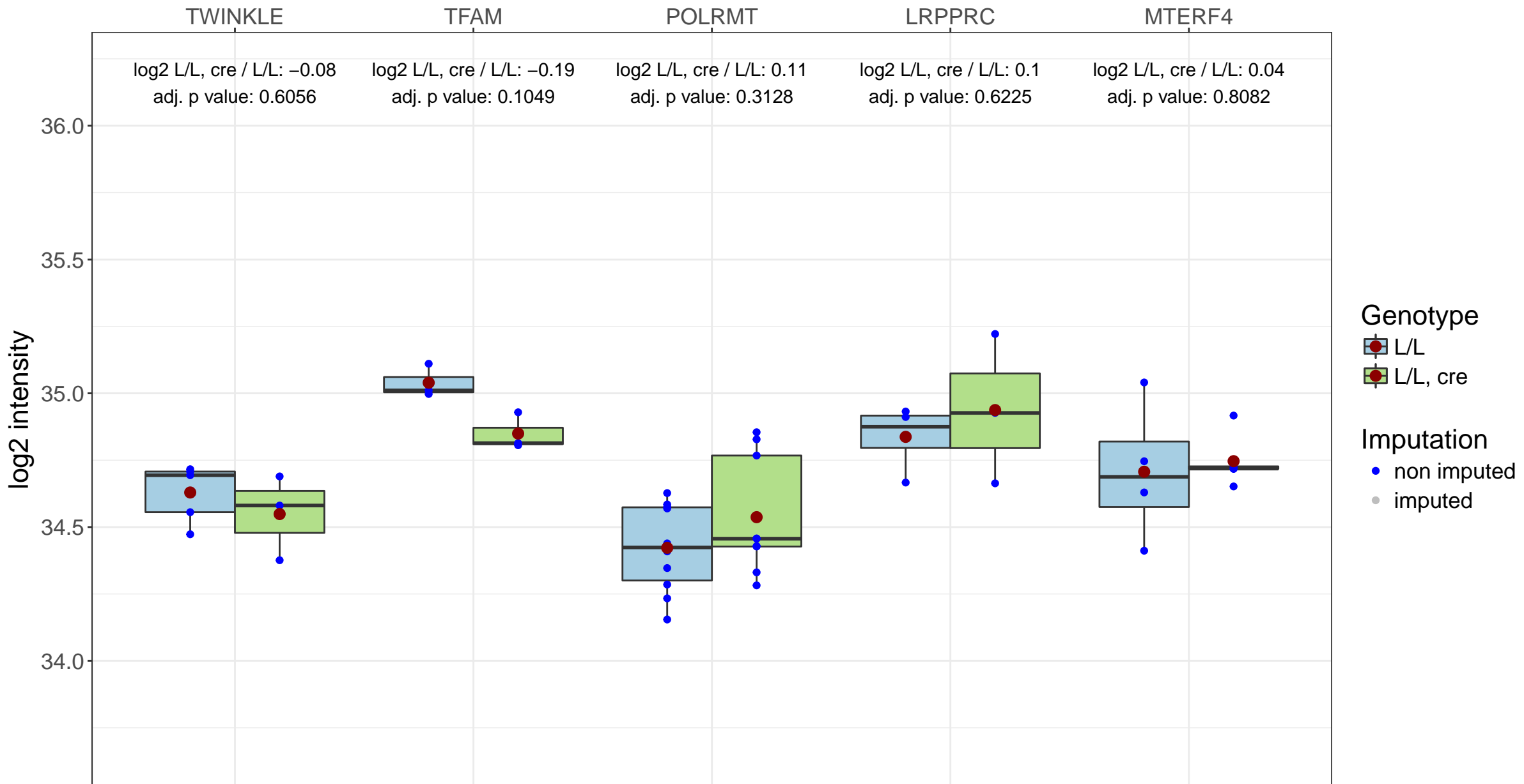
# ACSF3 / Q3URE1



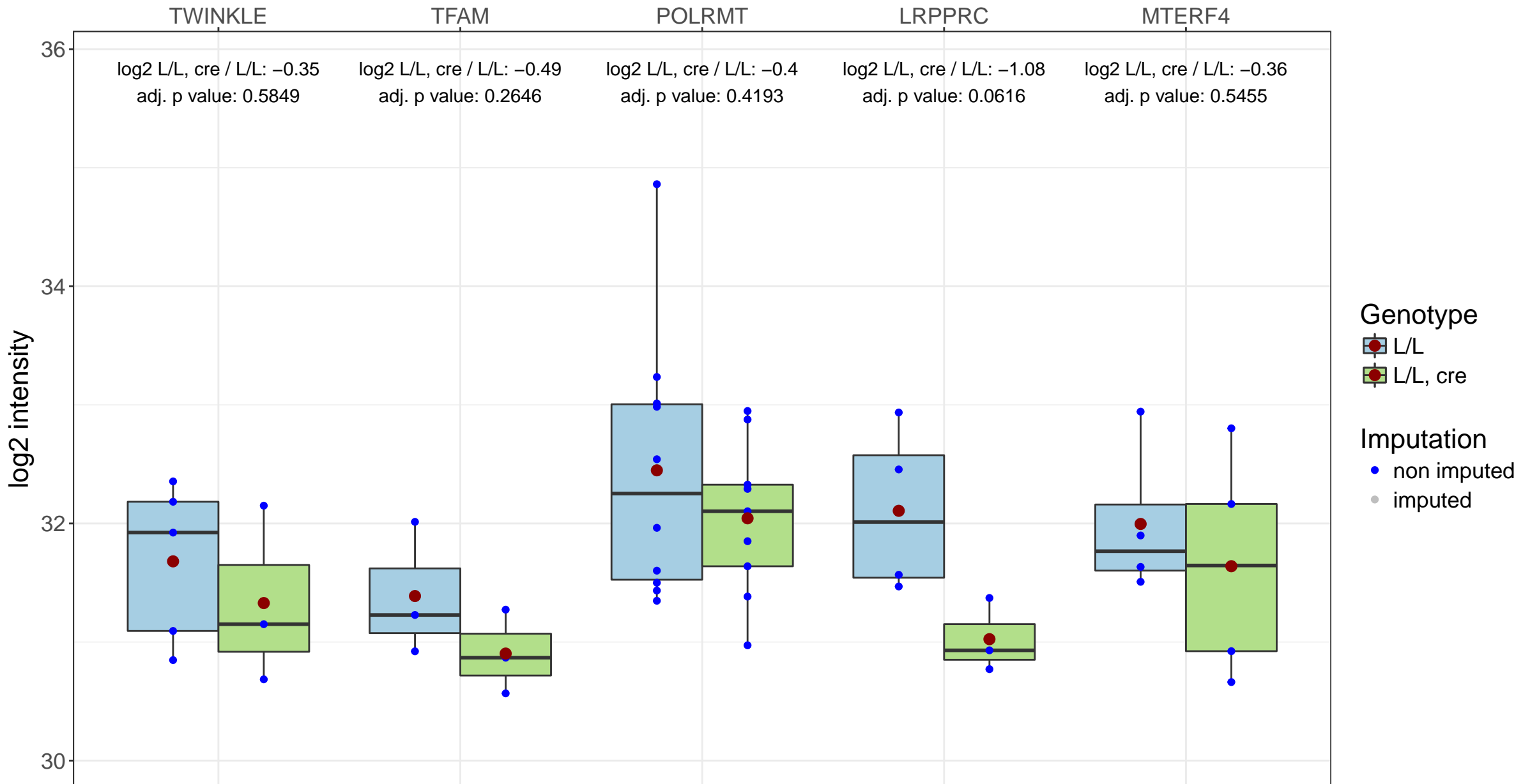
# ACSL1 / P41216



# ACSS1 / Q99NB1

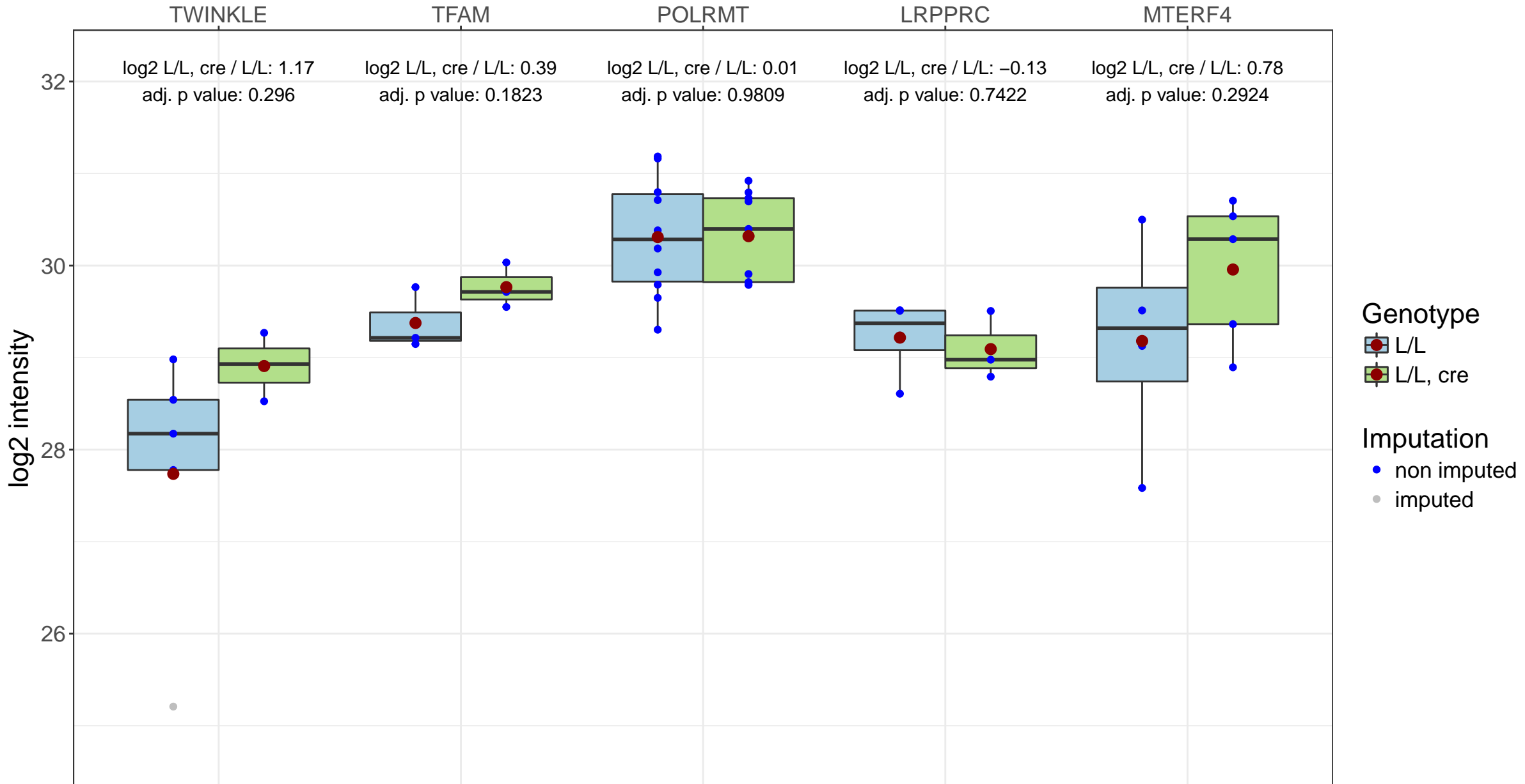


# ACTC1 / P68033

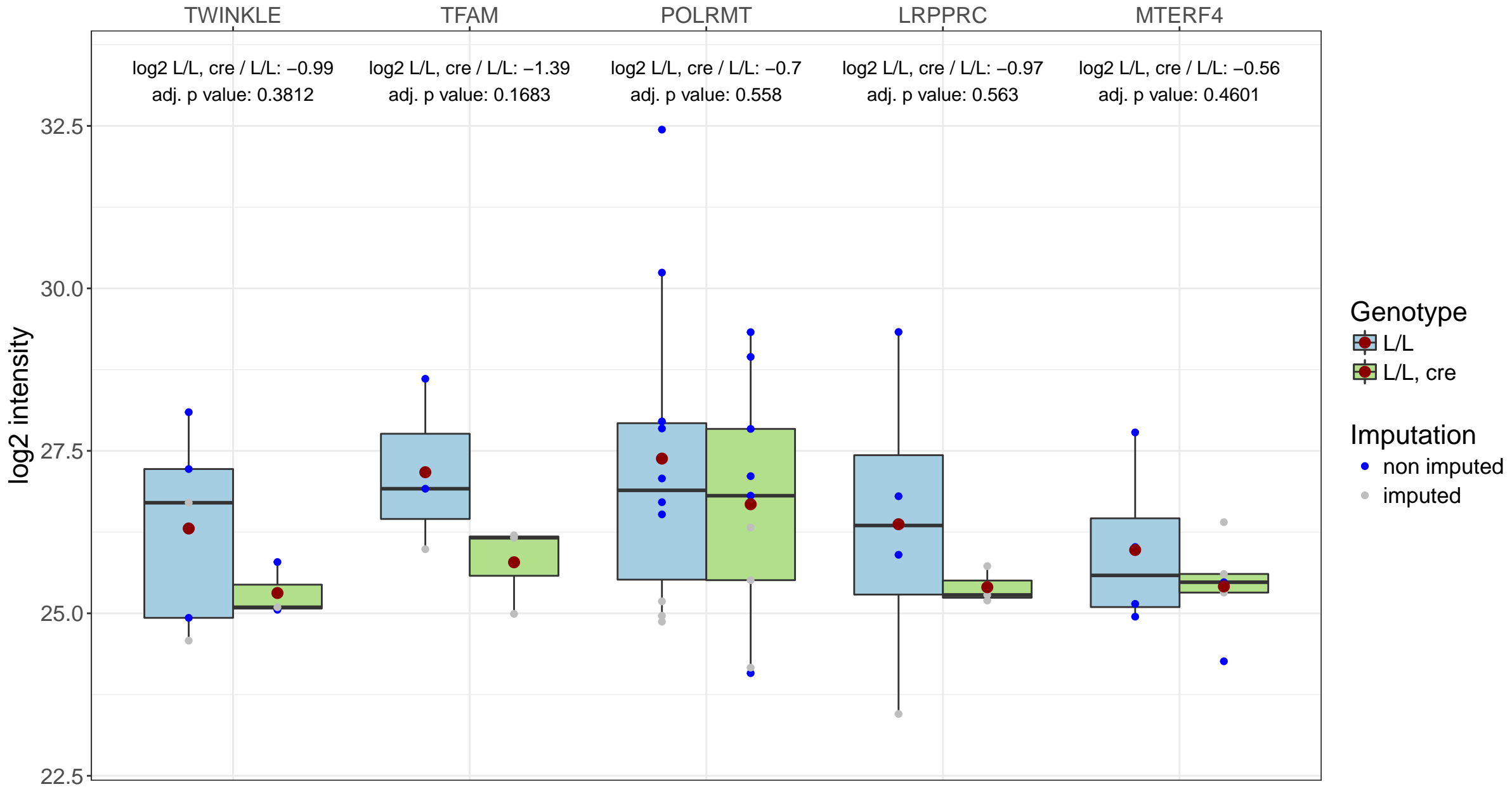




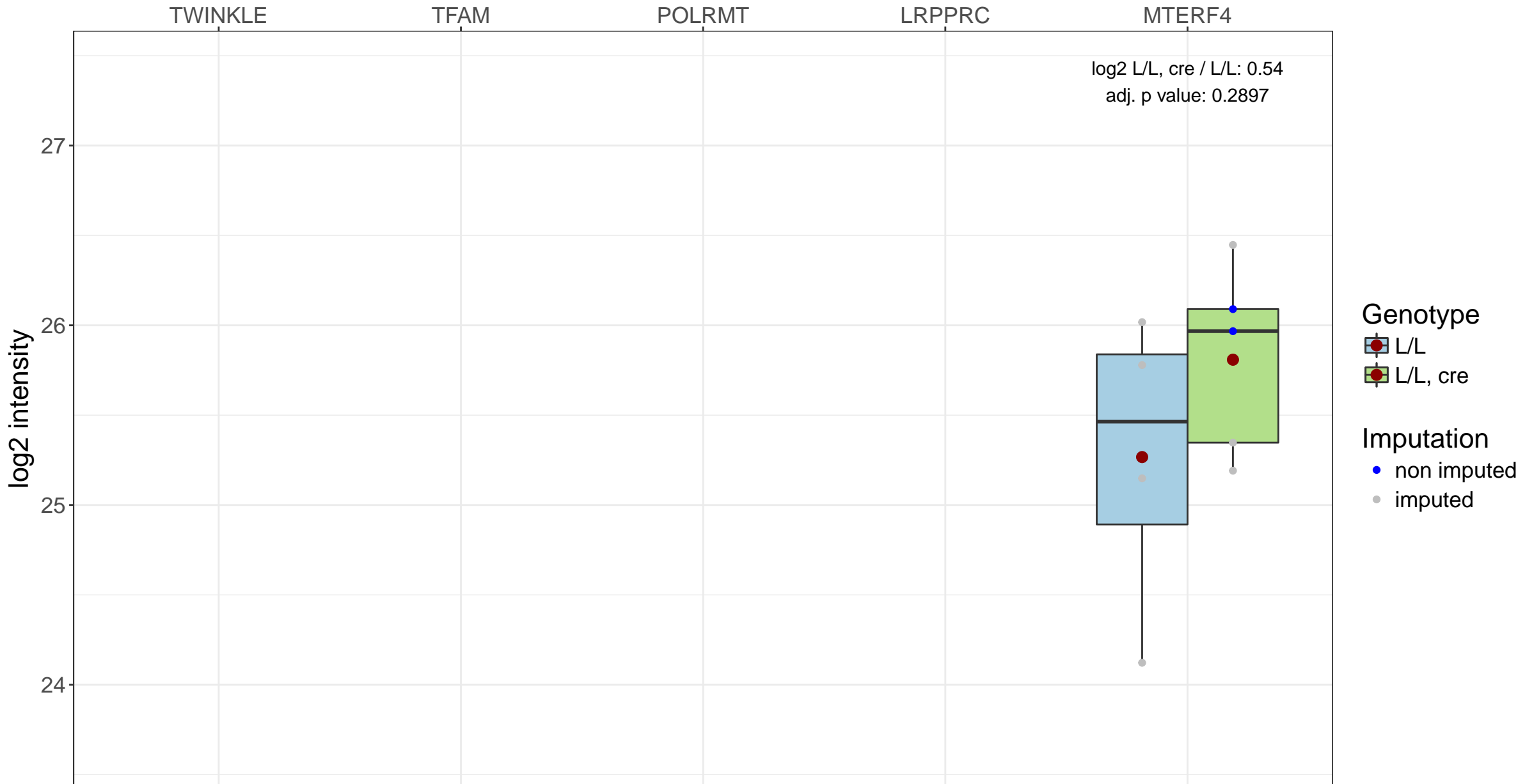
# ACTG1 / P63260



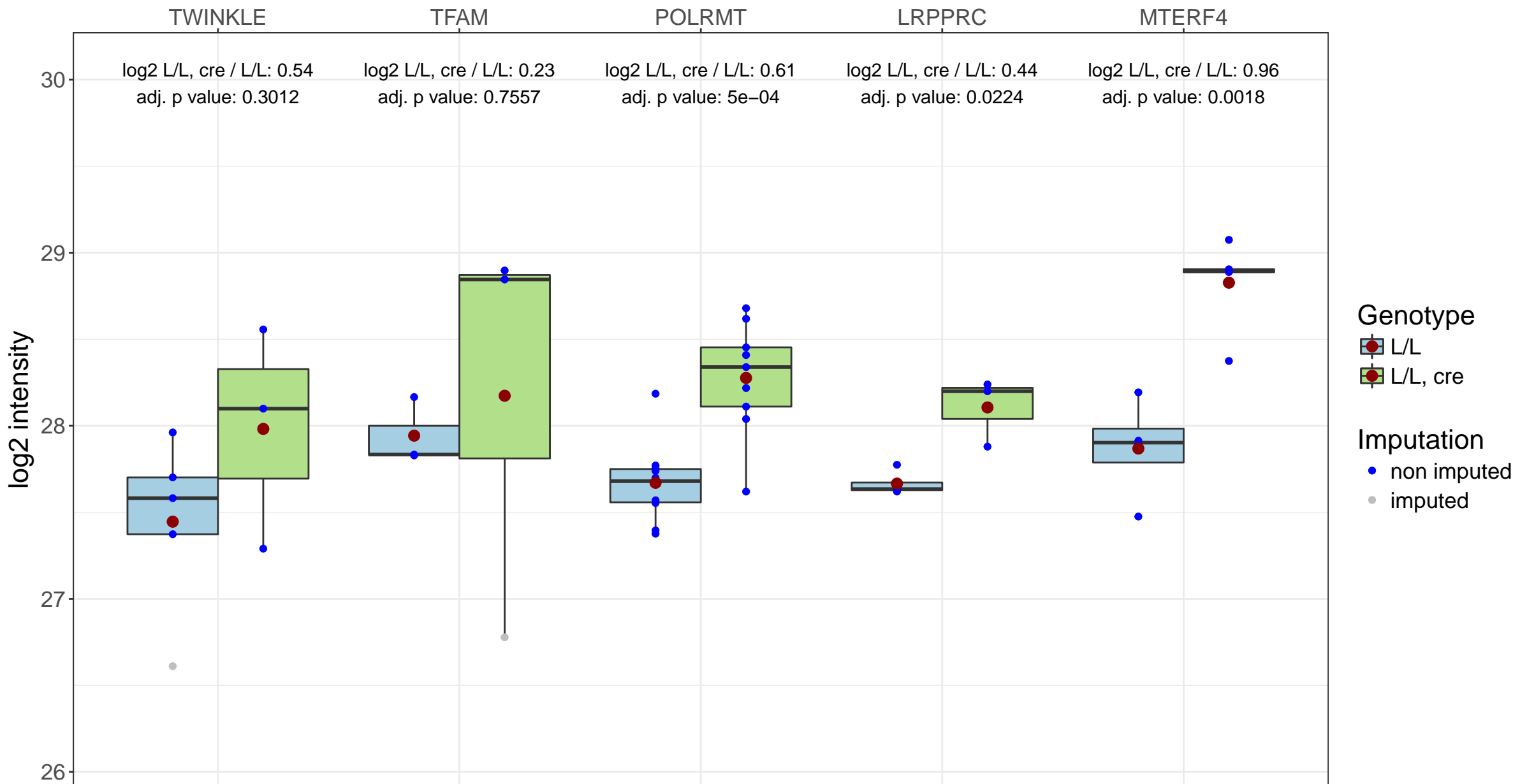
# ACTN2 / Q9JI91



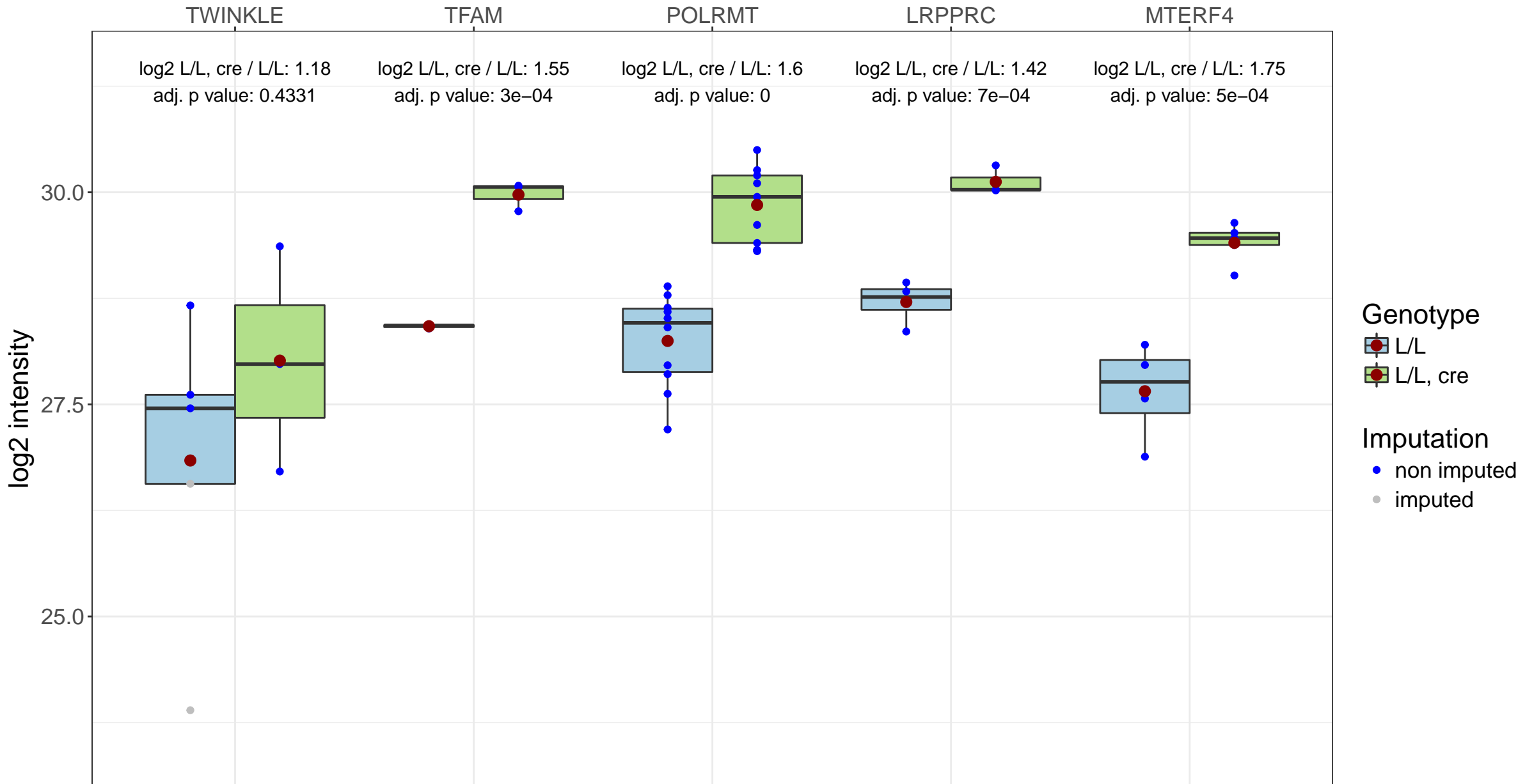
# ACYP1 / E9QJT5



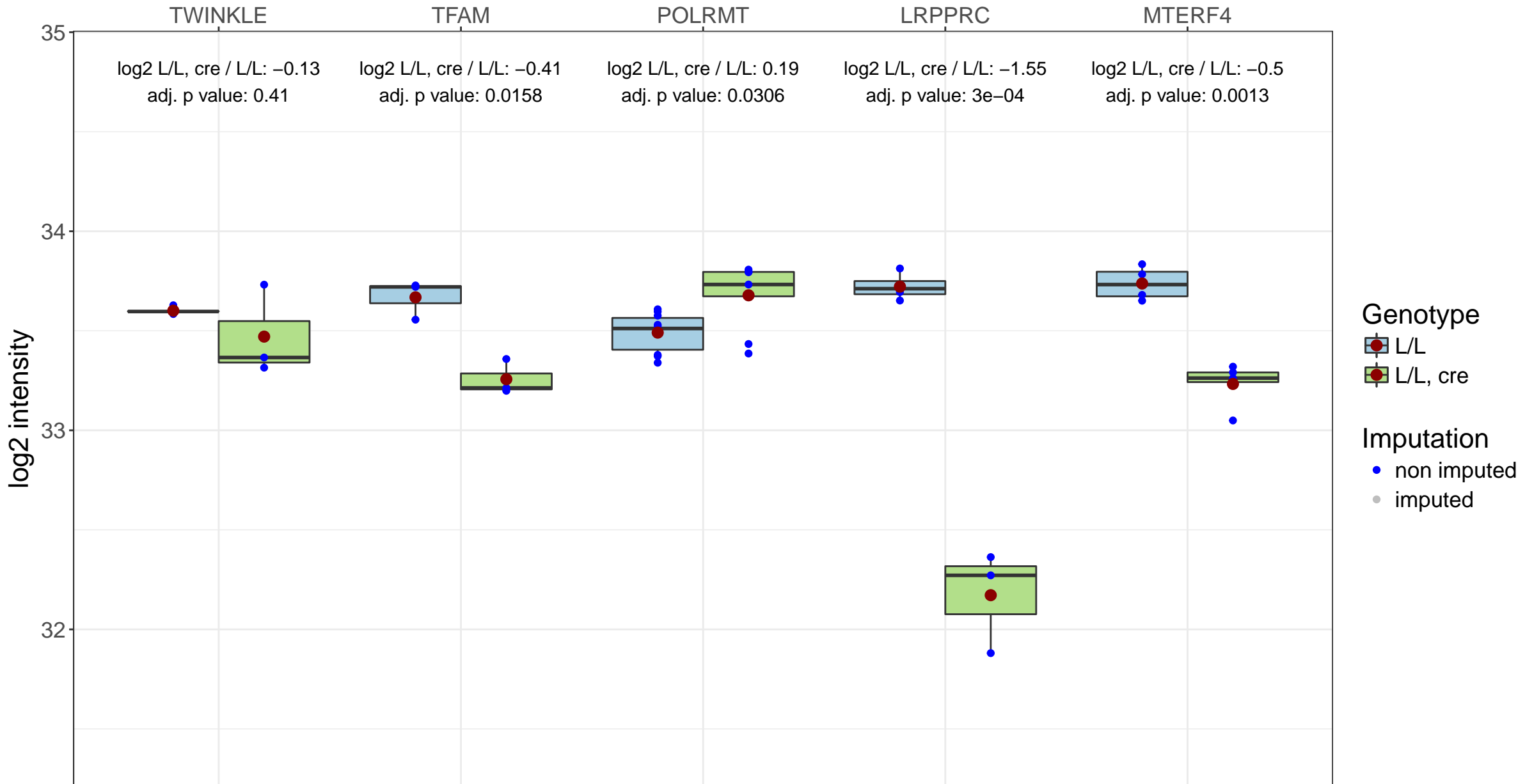
# ACYP2 / P56375



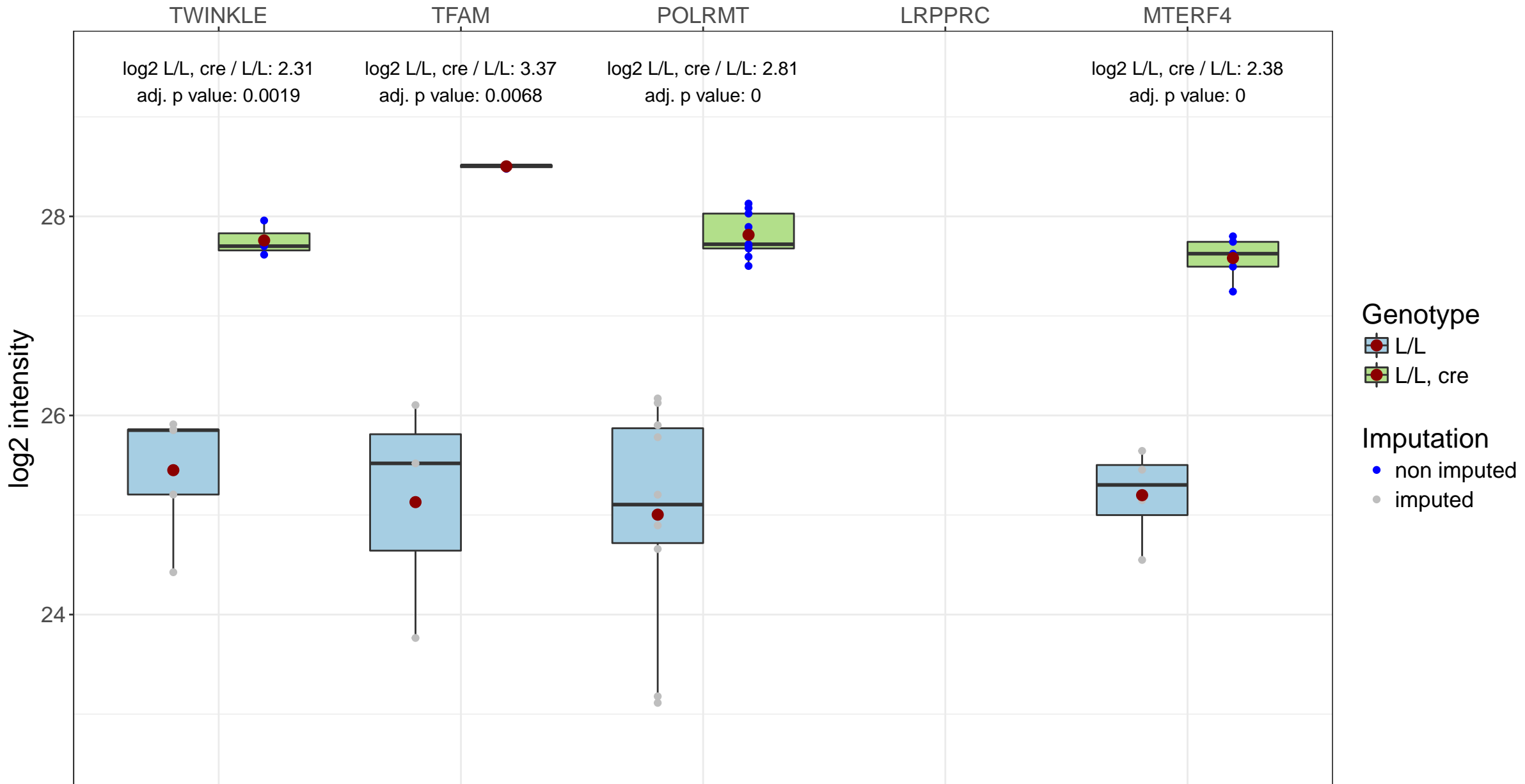
# ADCK1 / Q9D0L4



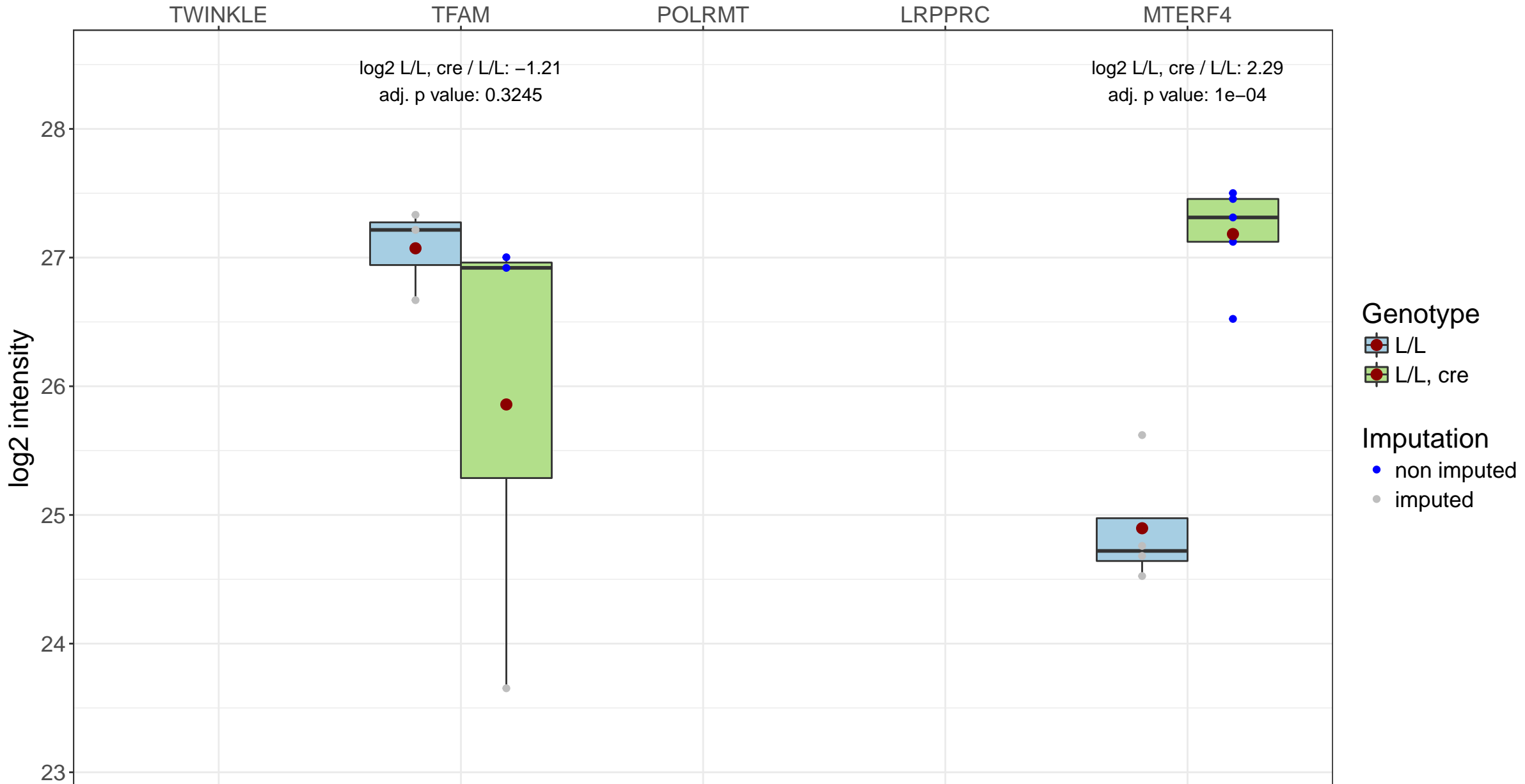
# ADCK3 / Q60936



# ADCK4 / E9QLB8

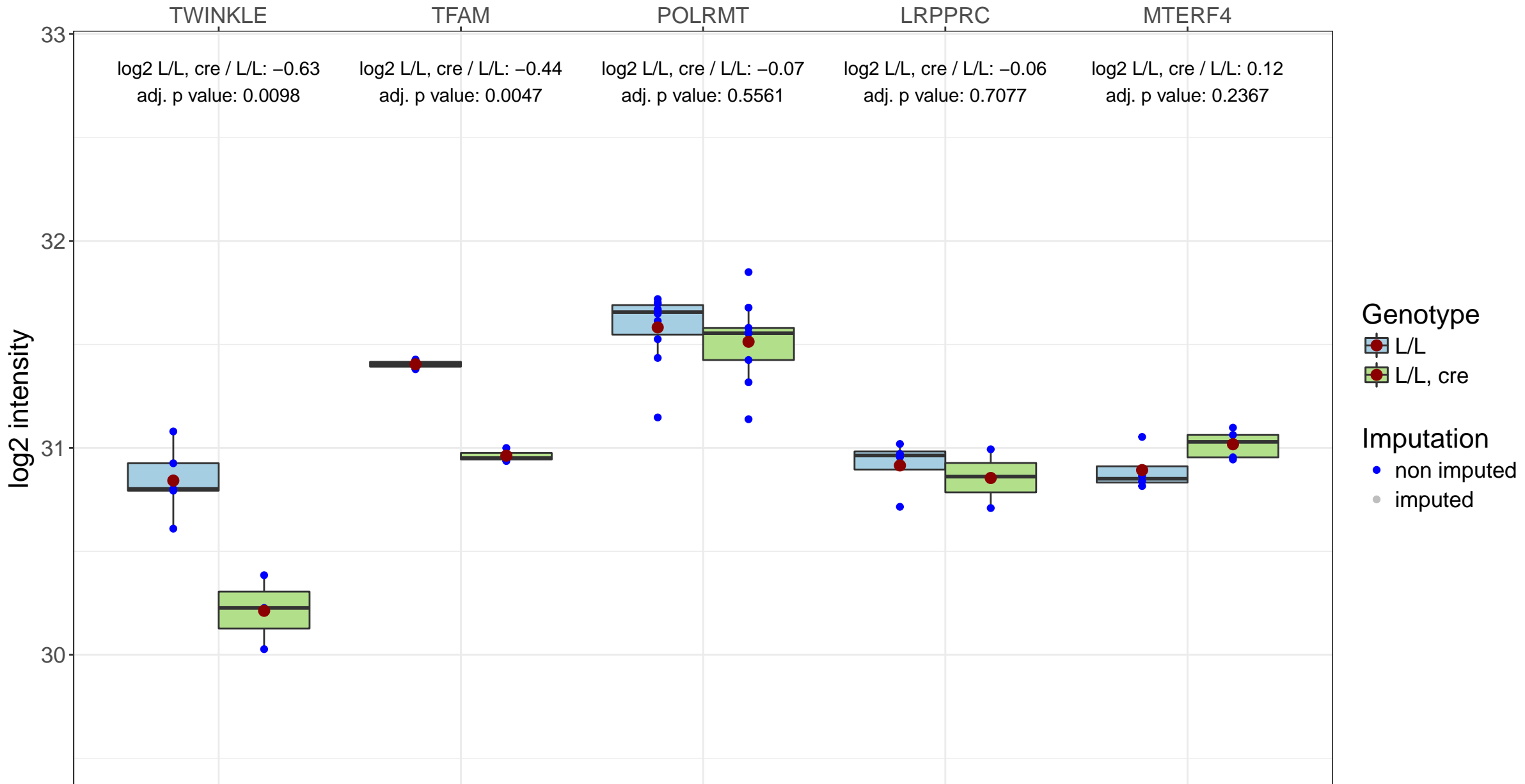


# ADCK5 / E0CXW2

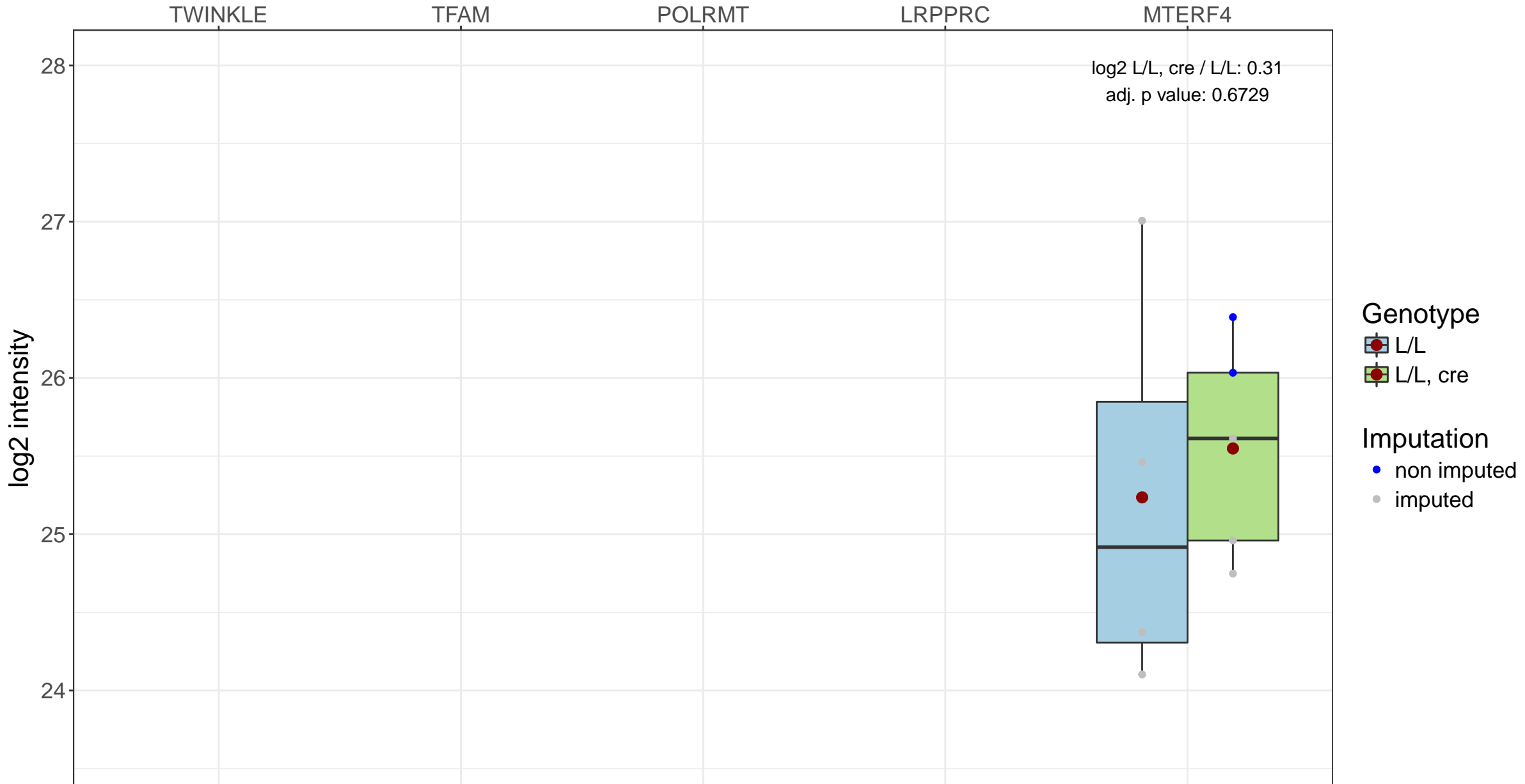




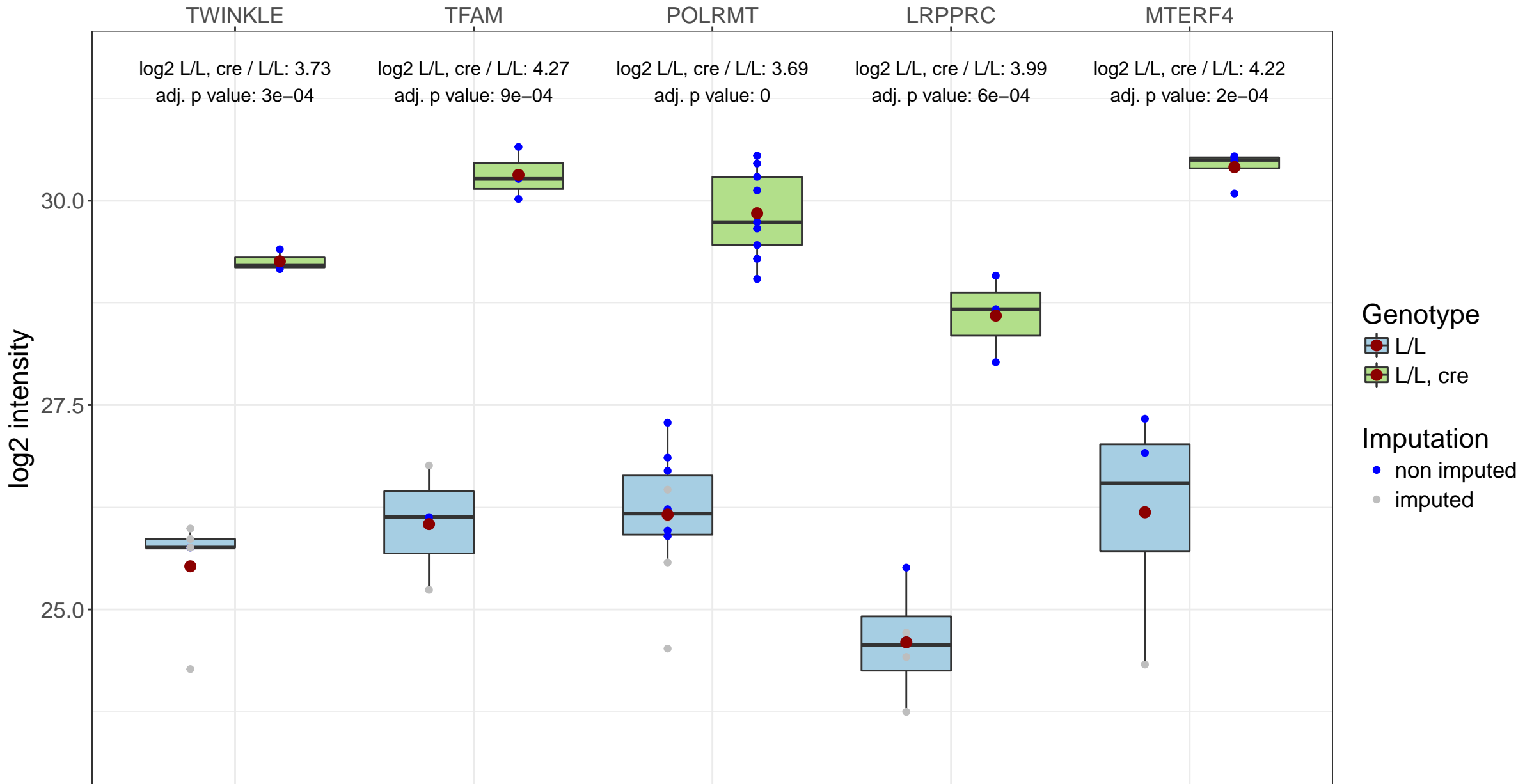
# ADHFE1 / Q8R0N6



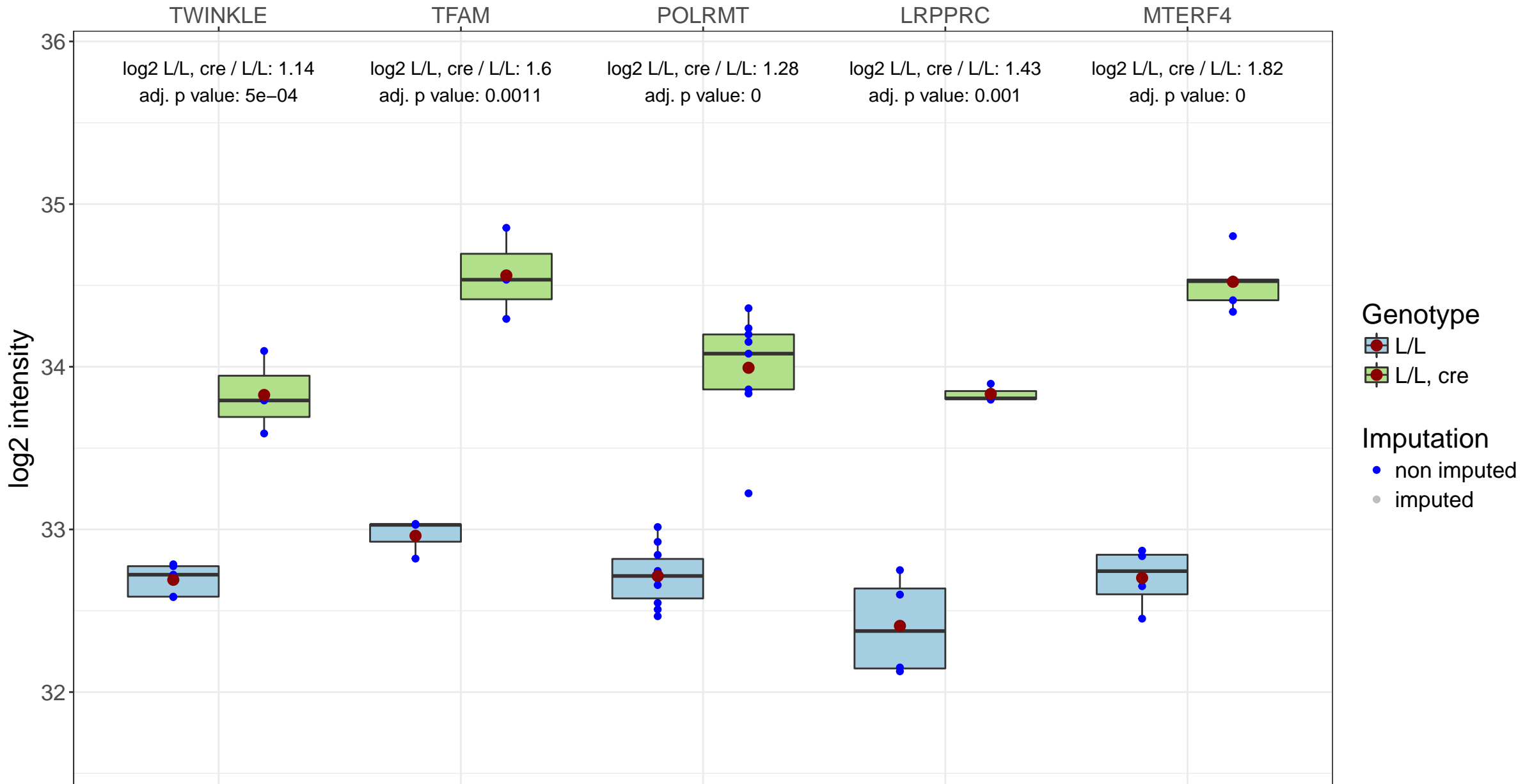
# ADSSL1 / P28650



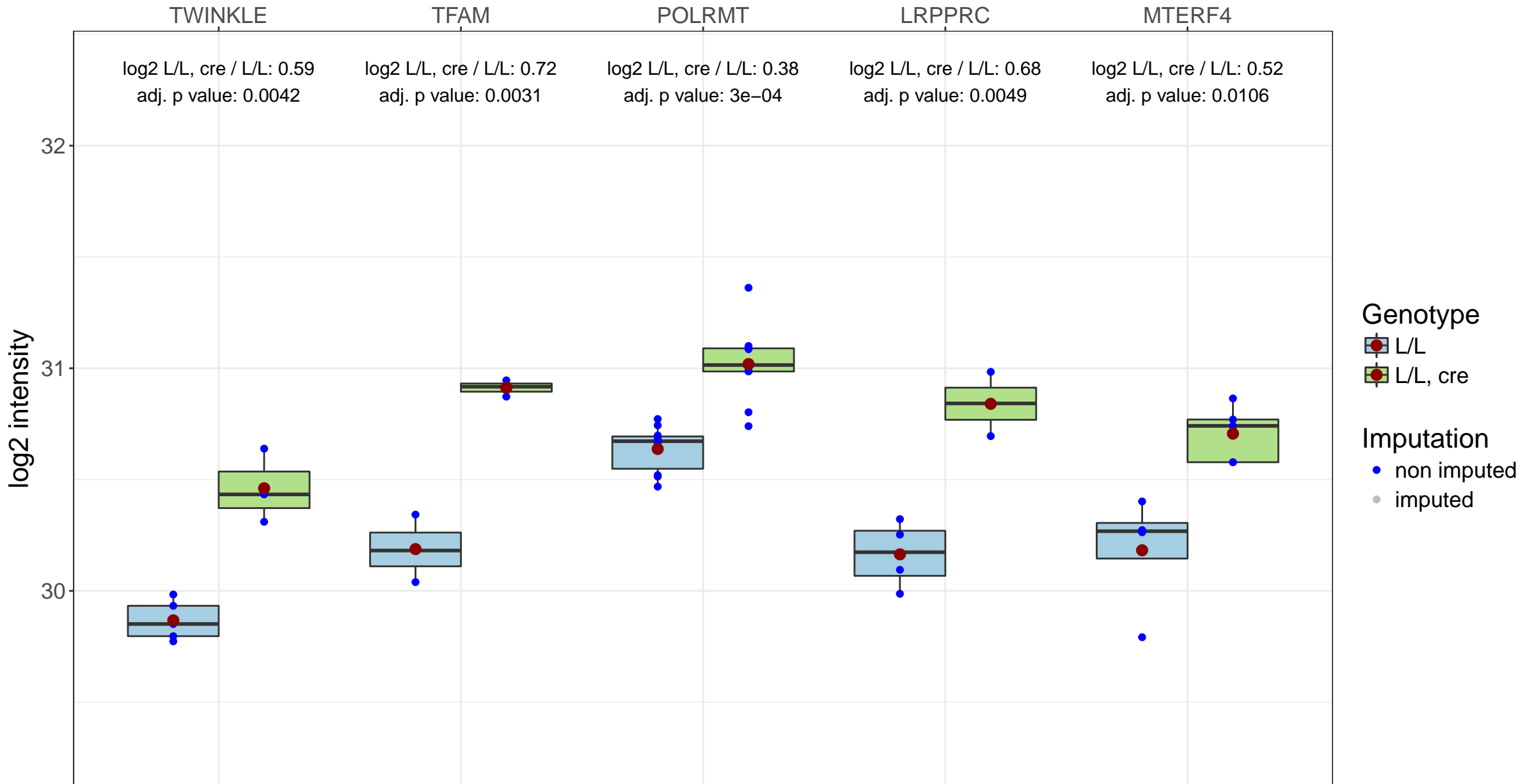
# AFG3L1 / Q920A7



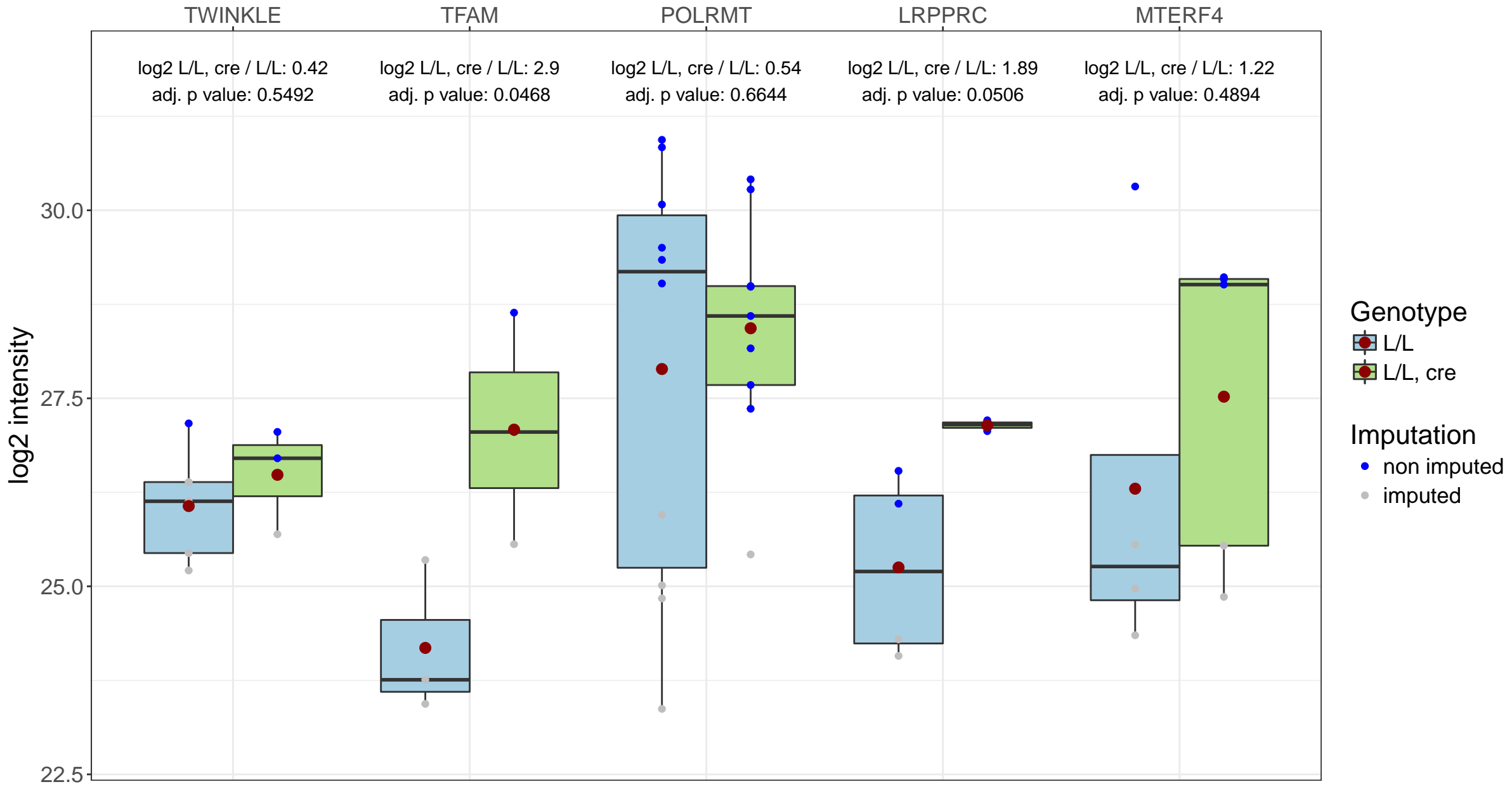
# AFG3L2 / Q8JZQ2



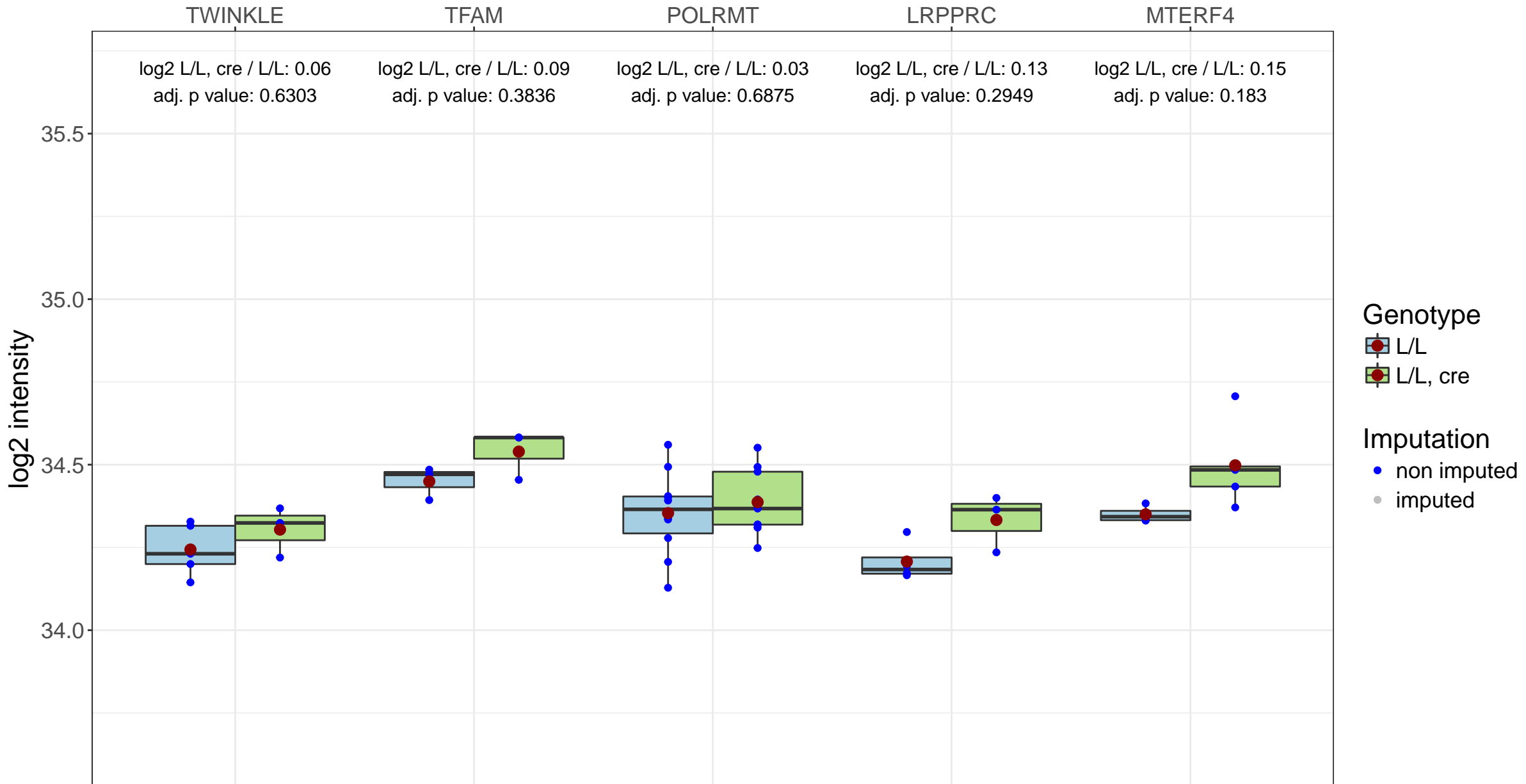
# AGK / Q9ESW4



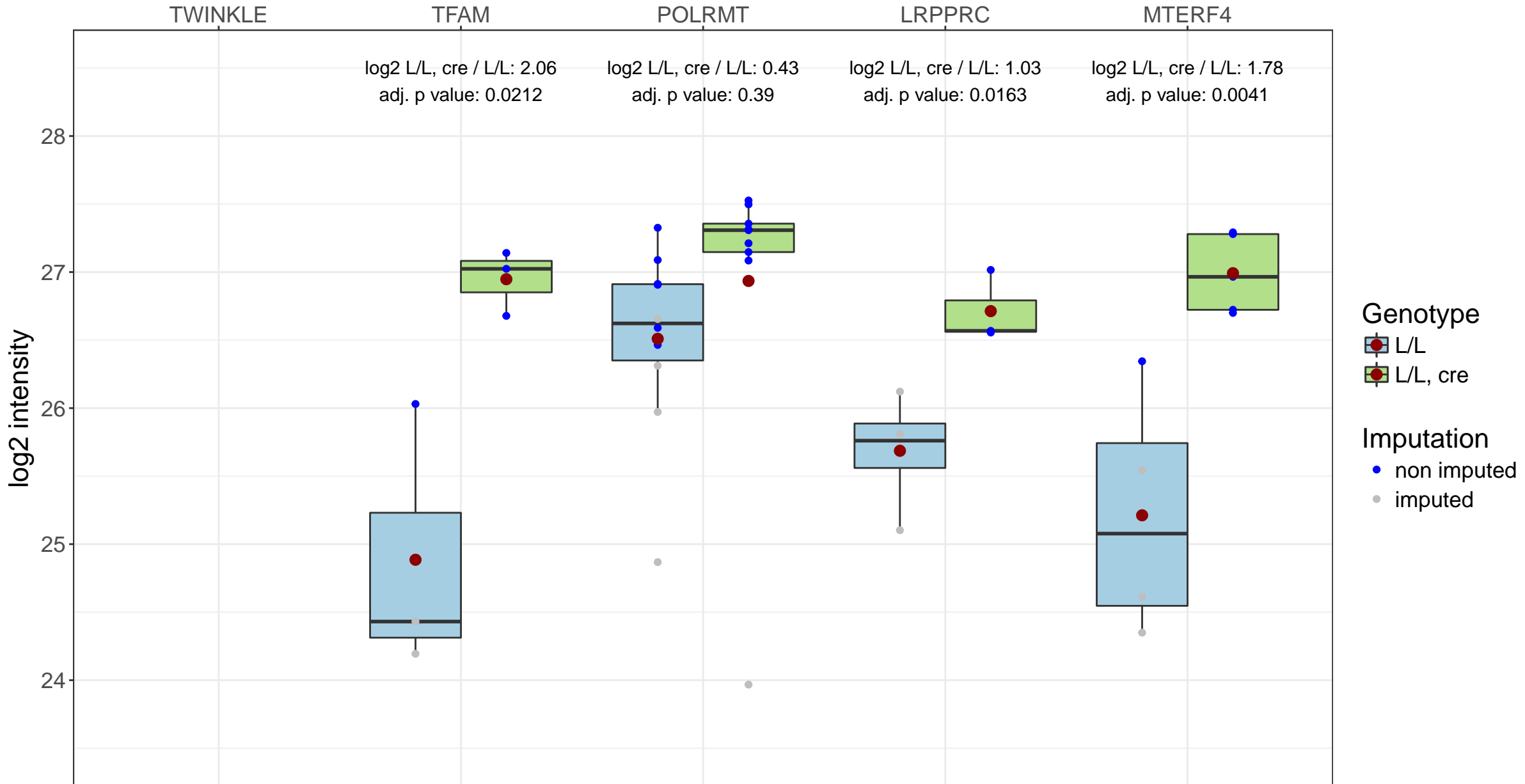
# AHNAK / E9Q616



# AIFM1 / Q9Z0X1

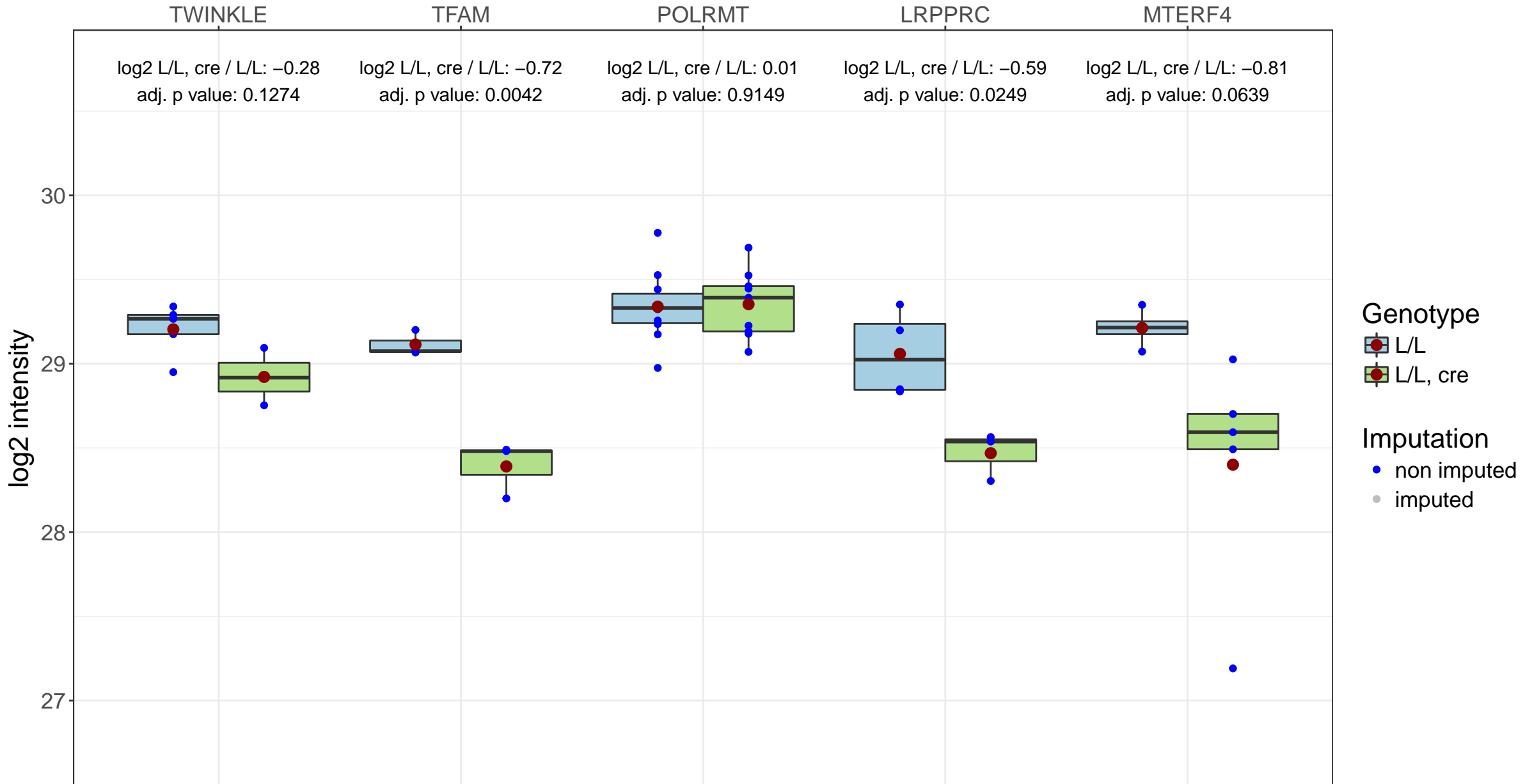


# AIMP1 / P31230

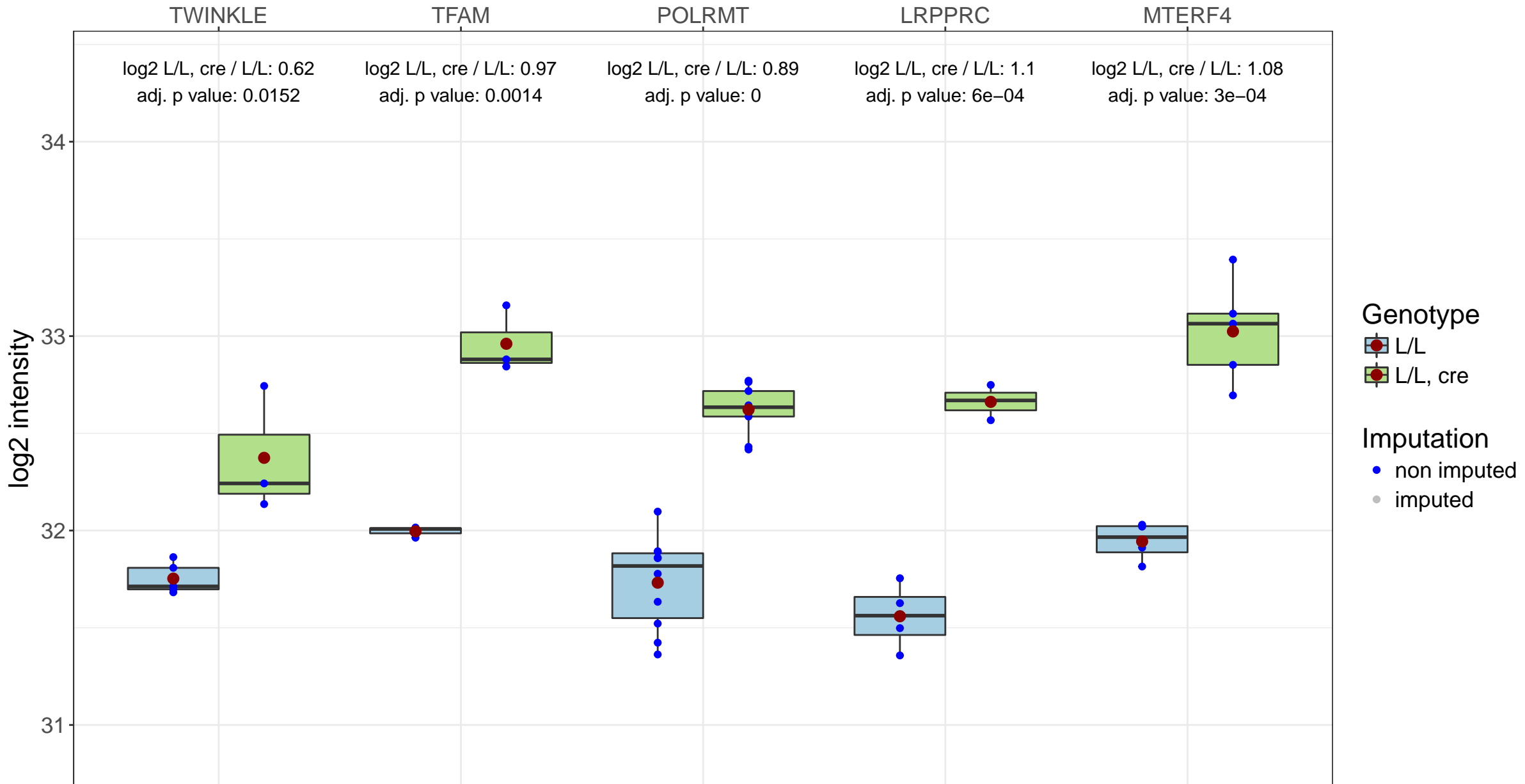




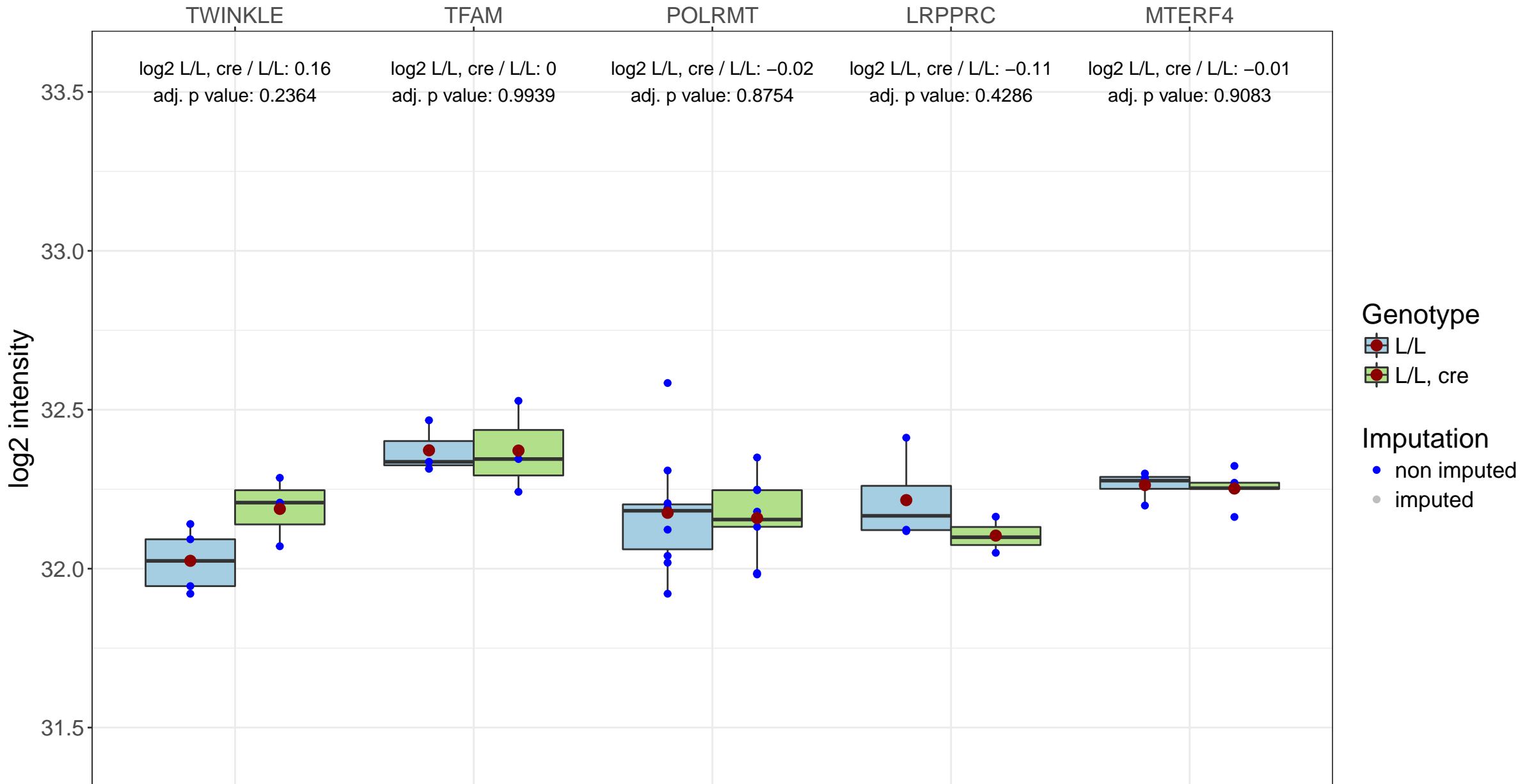
# AK157302 / I3ITR1



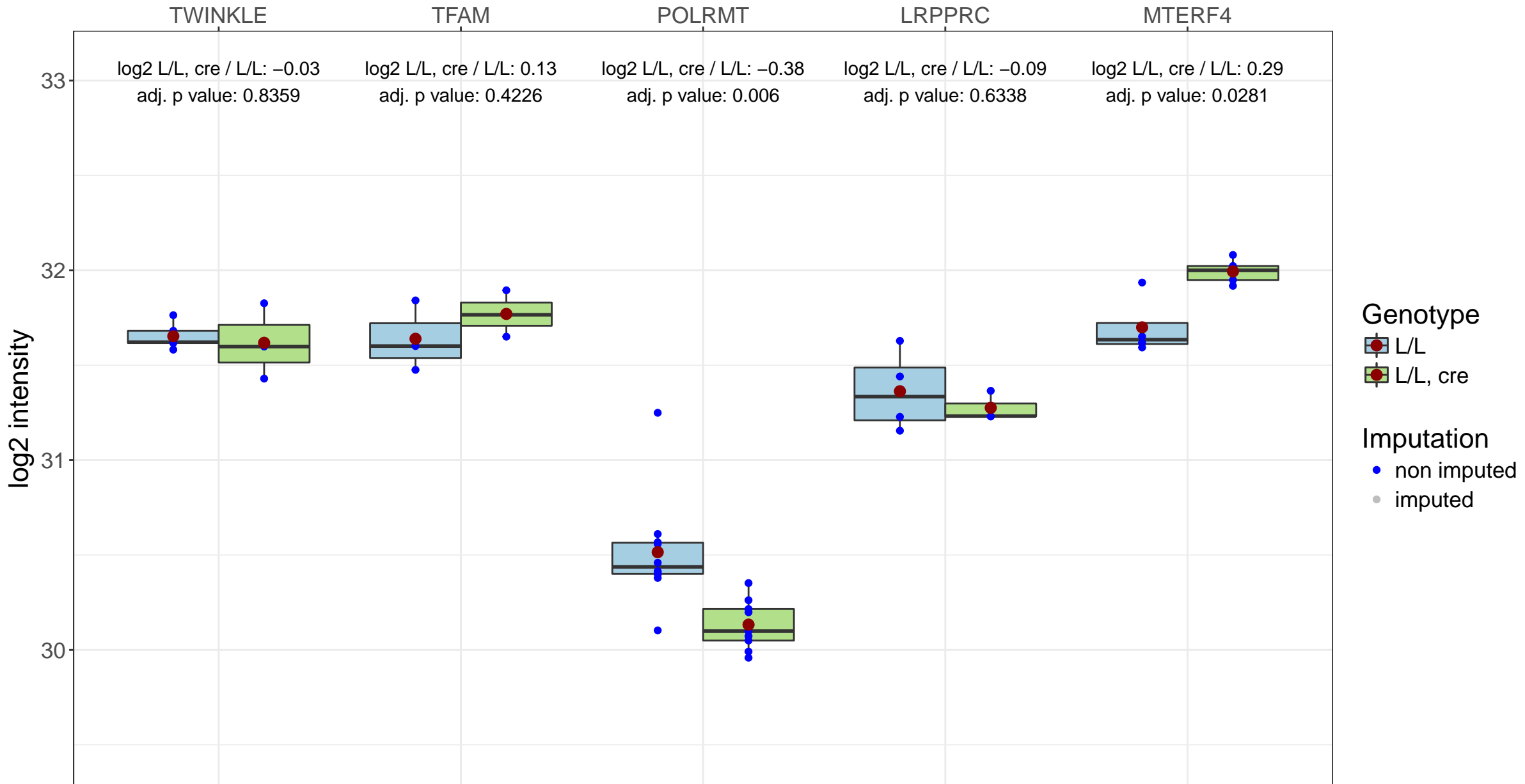
# AK2 / Q9WTP6-2



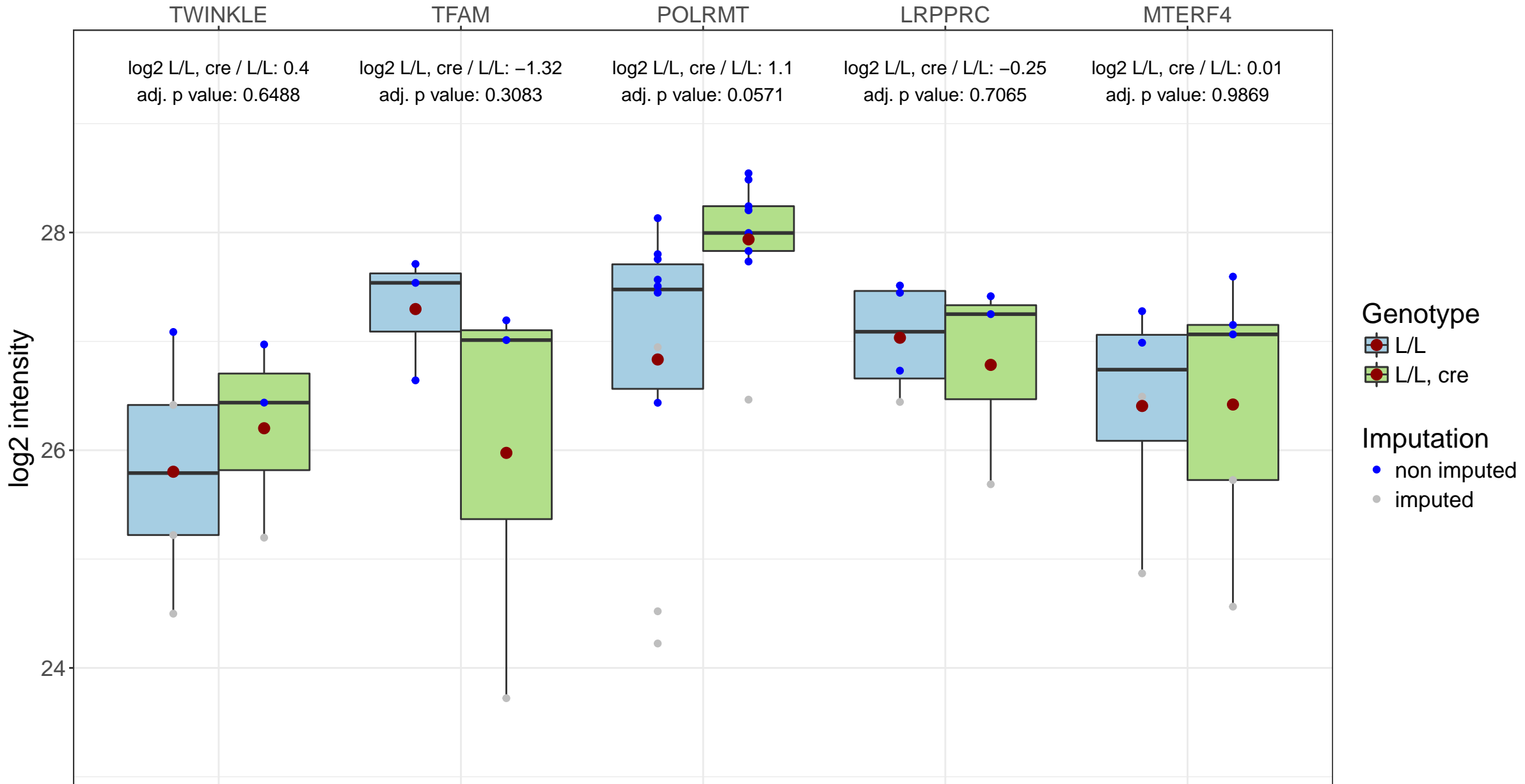
# AK3 / Q9WTP7



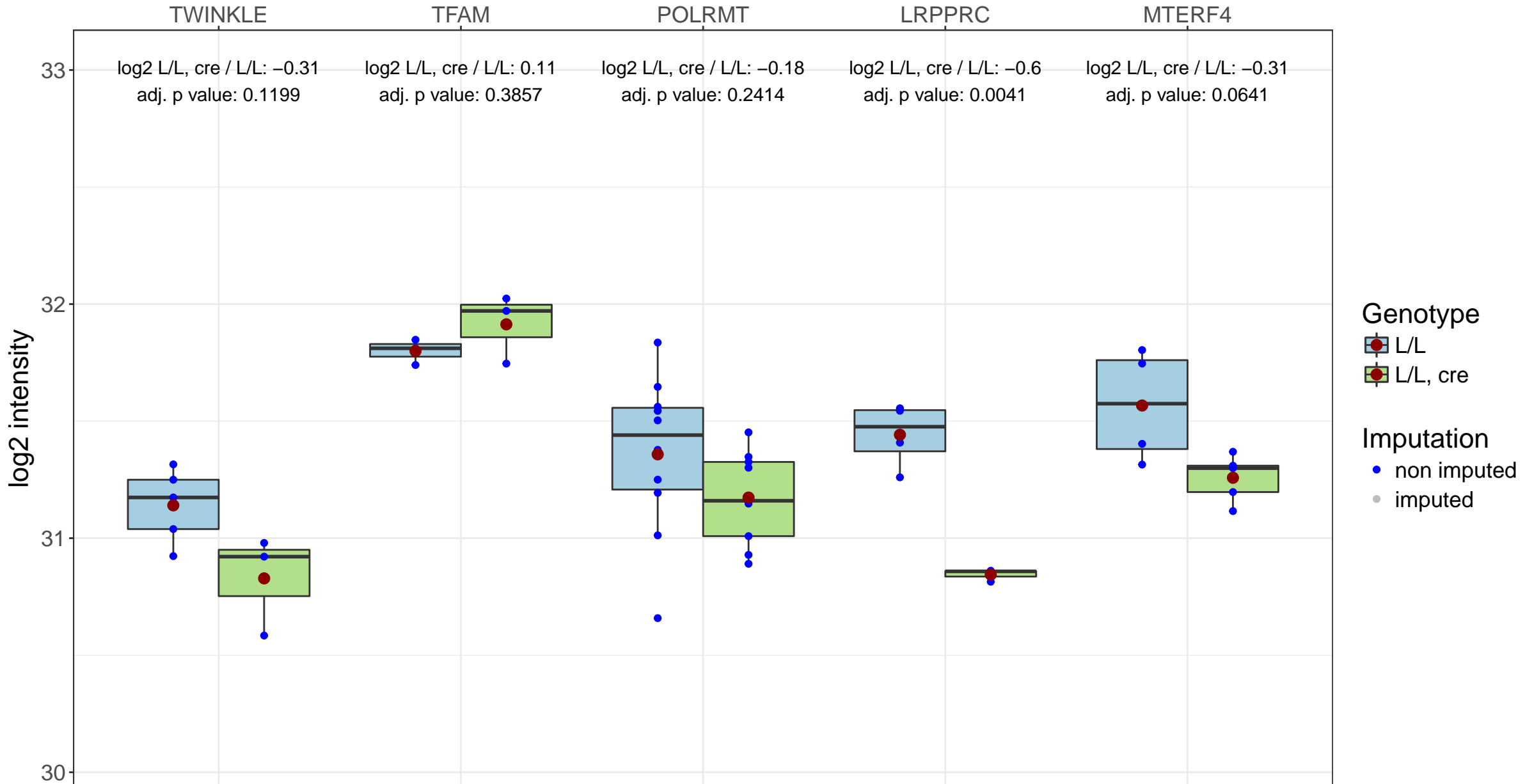
# AK4 / Q9WUR9



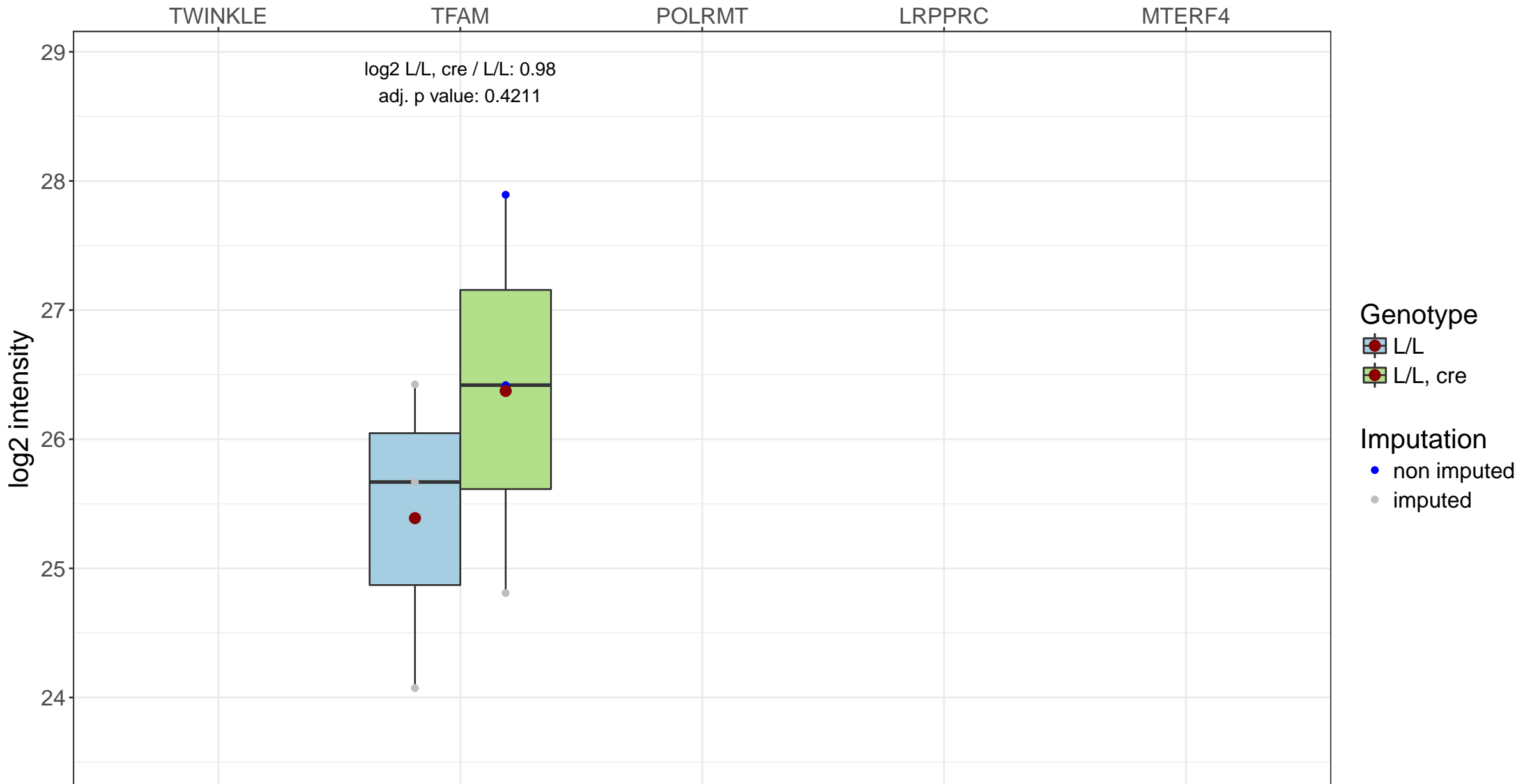
# AKAP1 / O08715



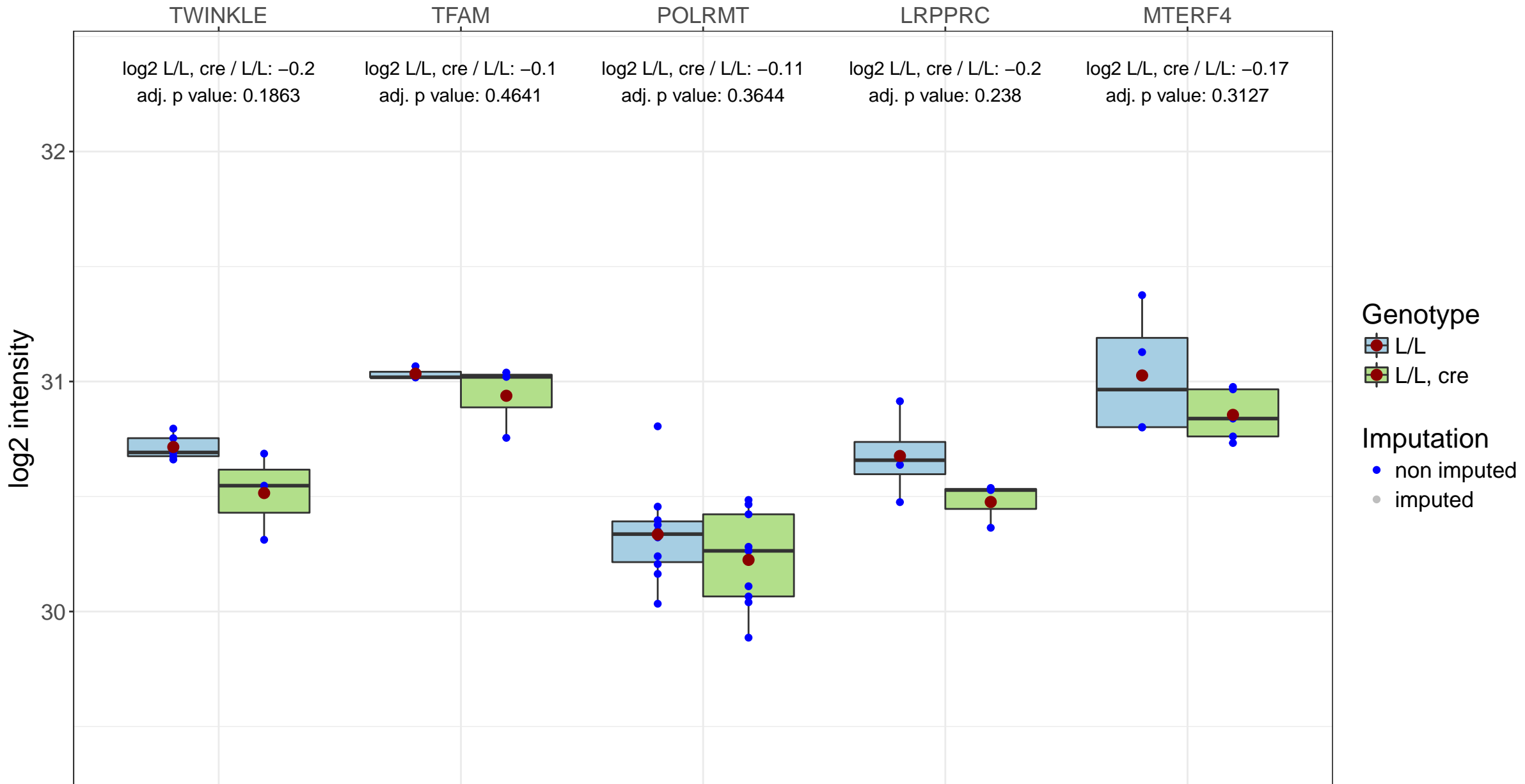
# AKR1B10 / G5E895



# AKR1B7 / P21300

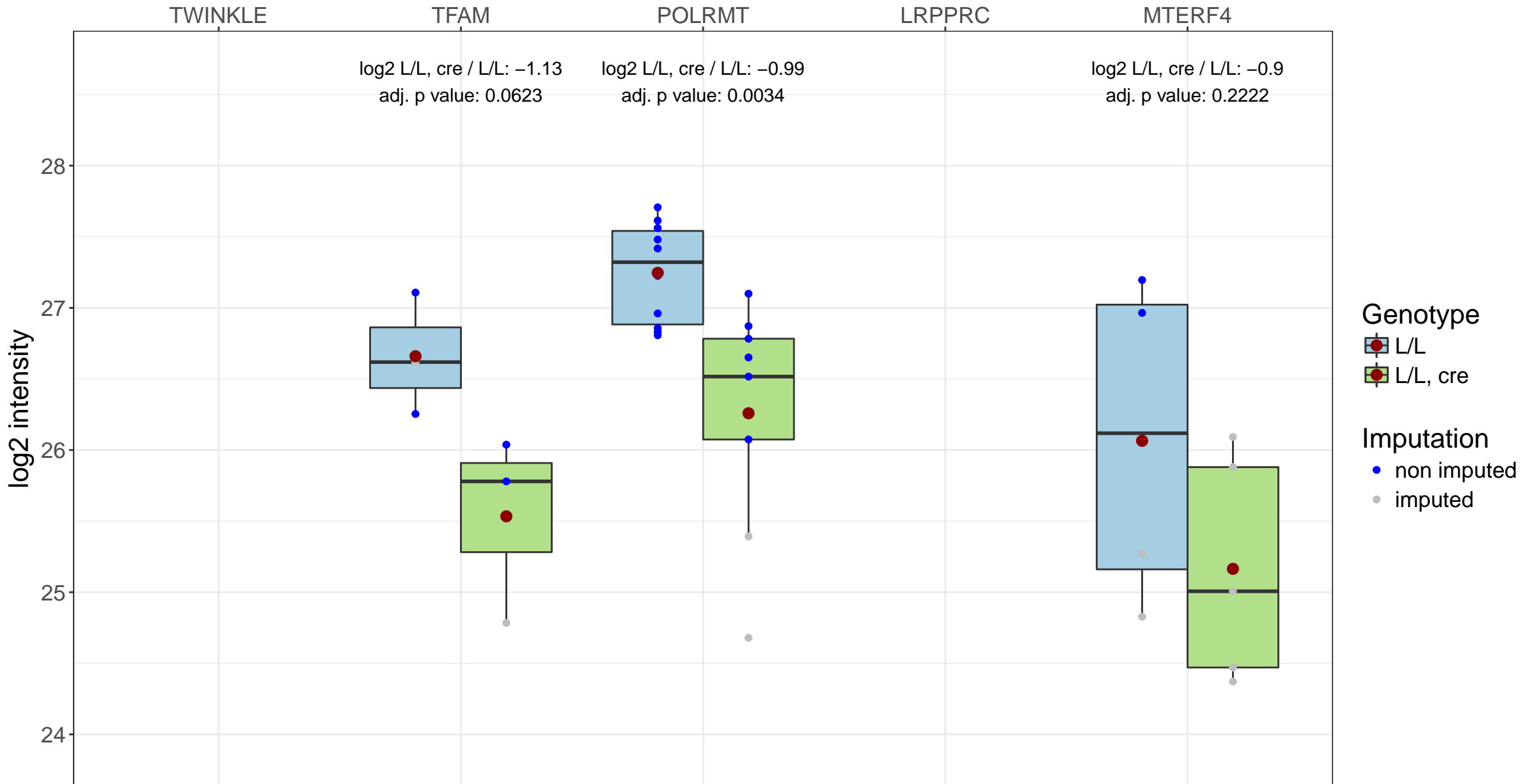


# AKR7A2 / Q8CG76

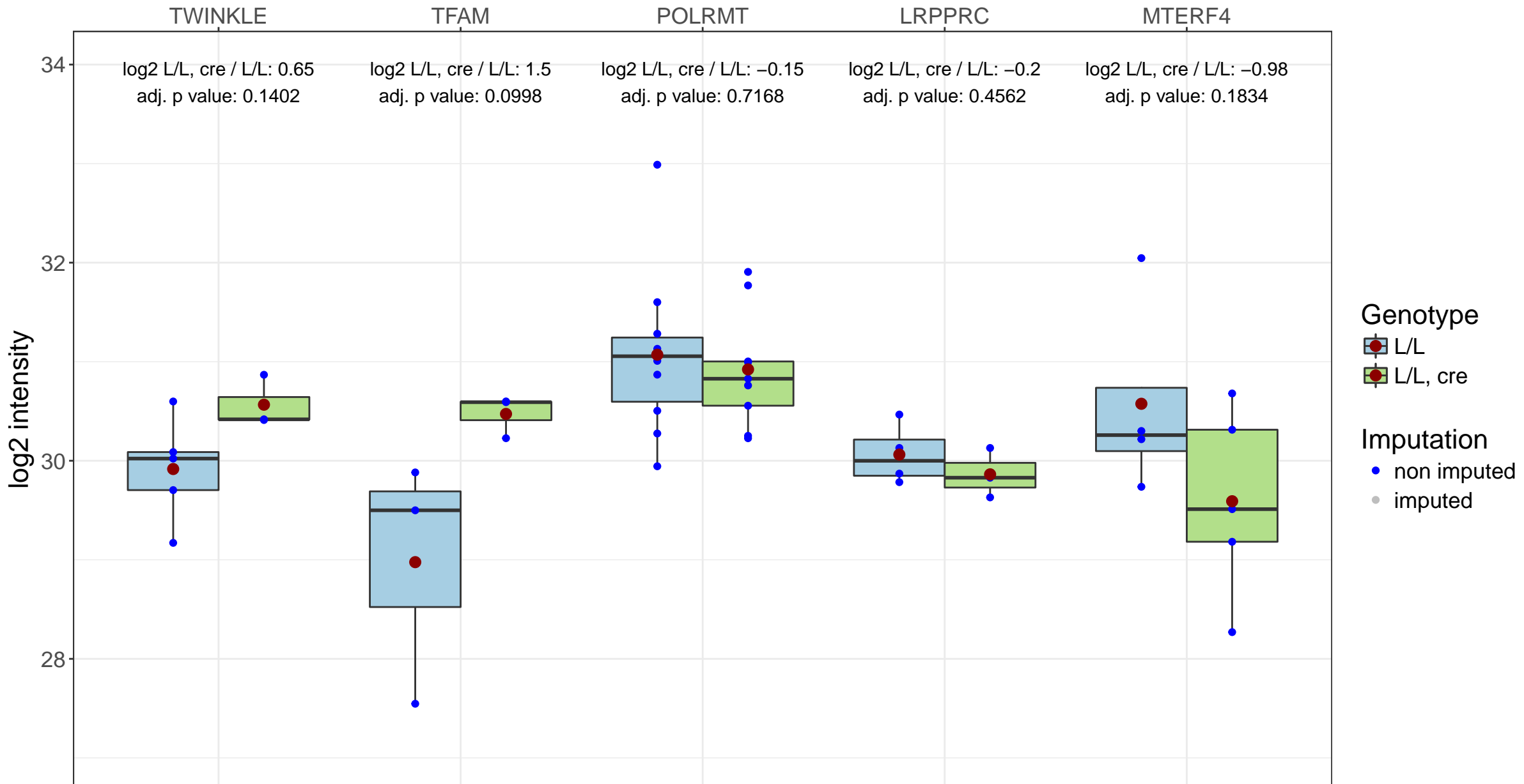




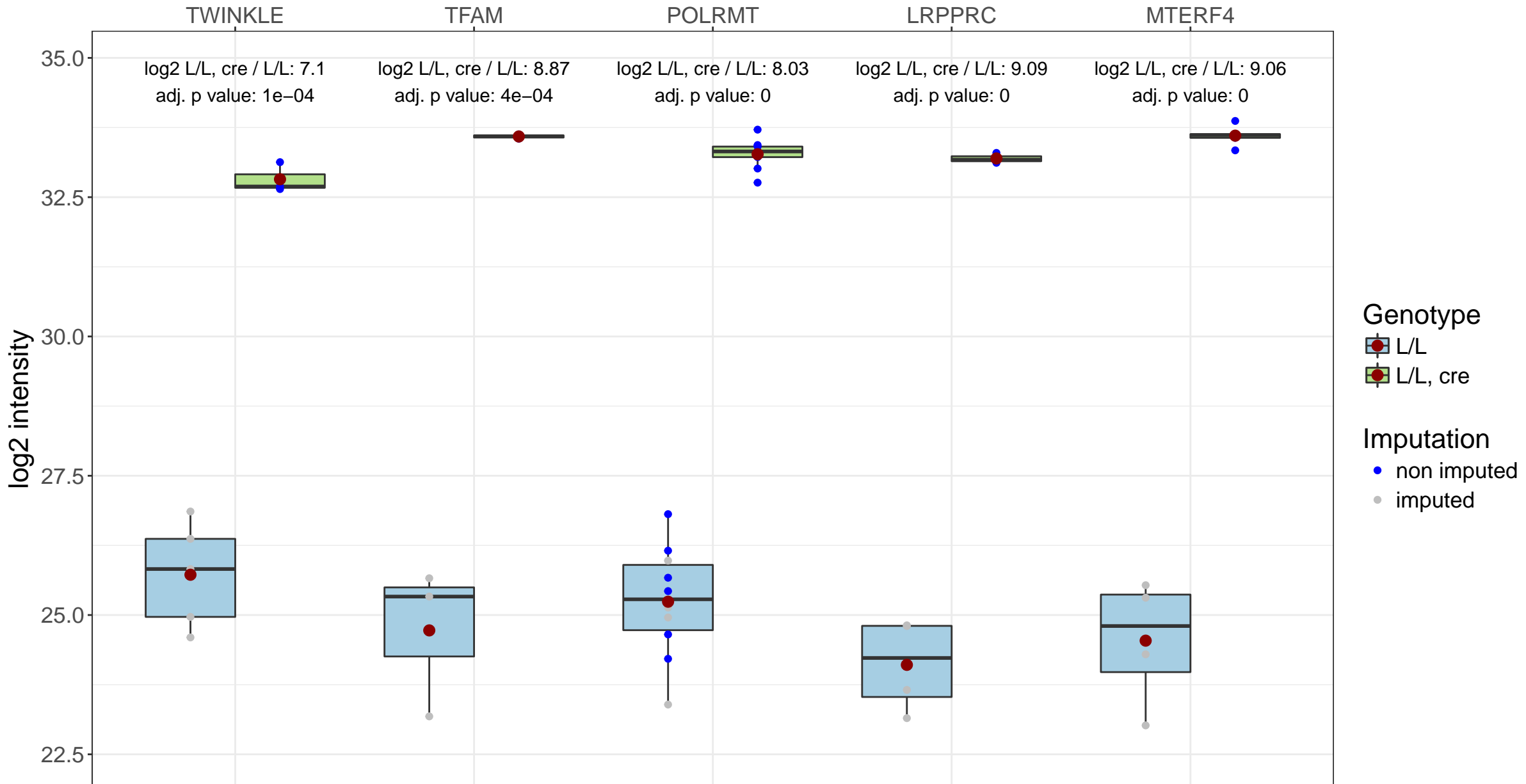
# ALAS1 / Q8VC19



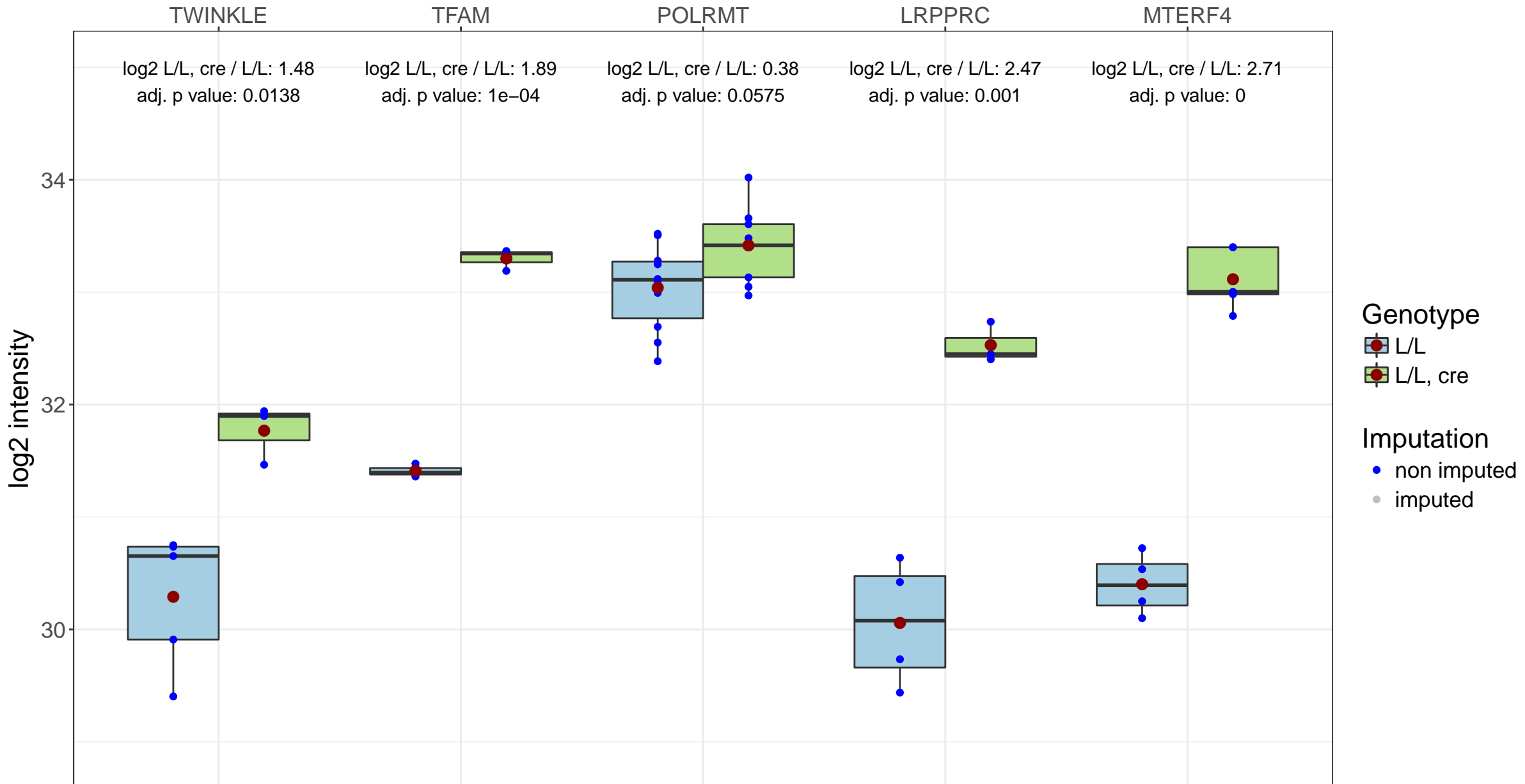
# ALB / P07724



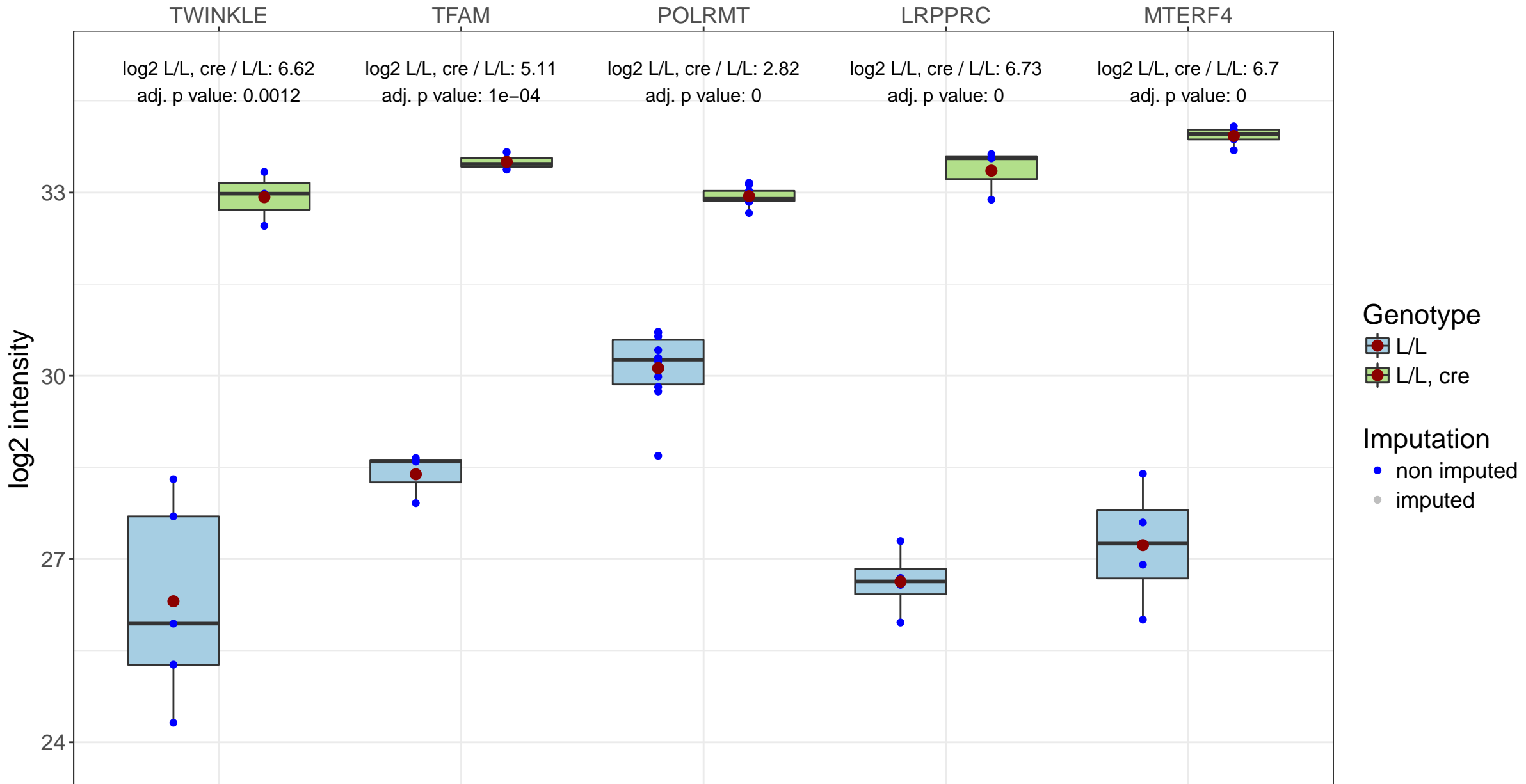
# ALDH18A1 / Q9Z110-2



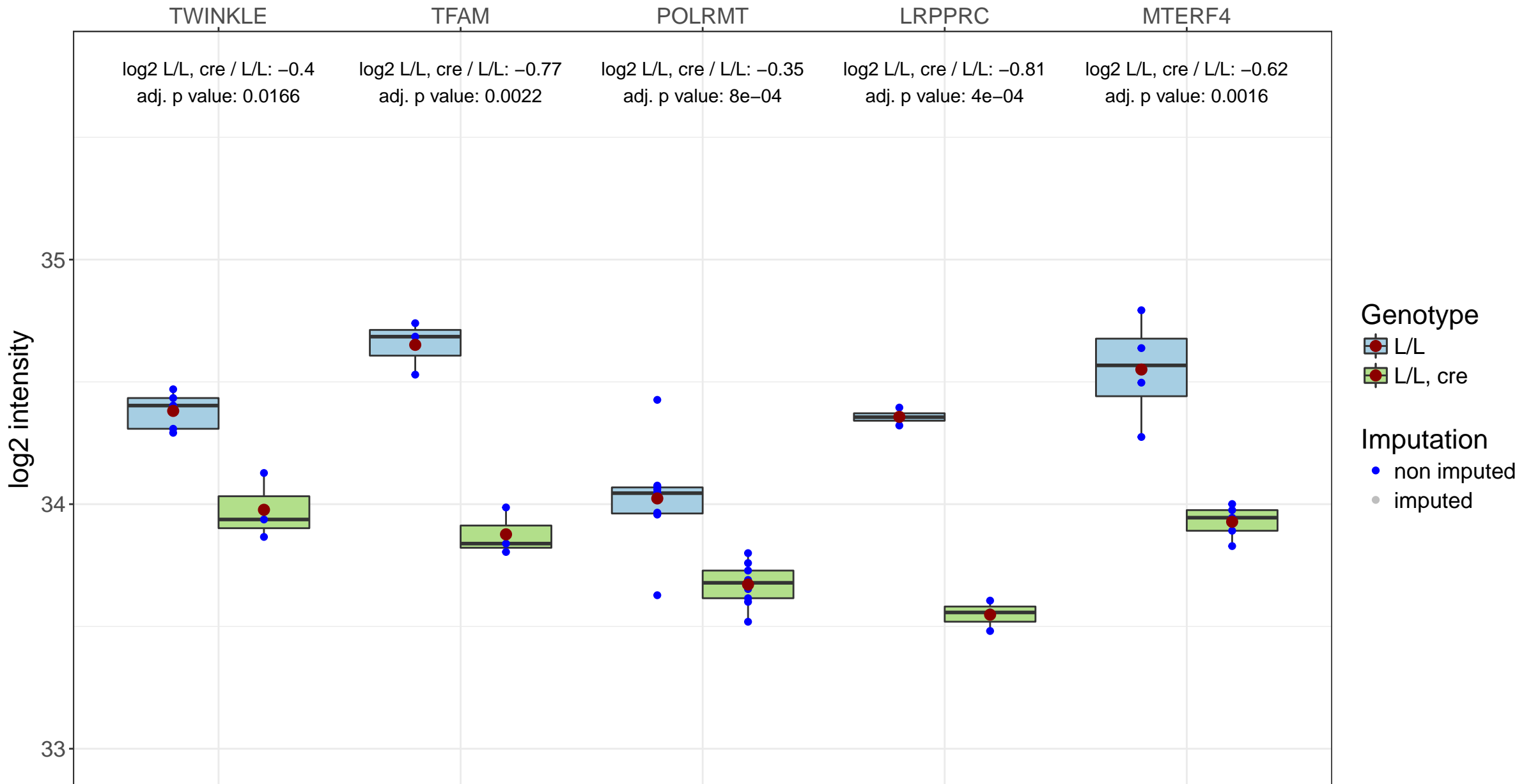
# ALDH1B1 / Q9CZS1



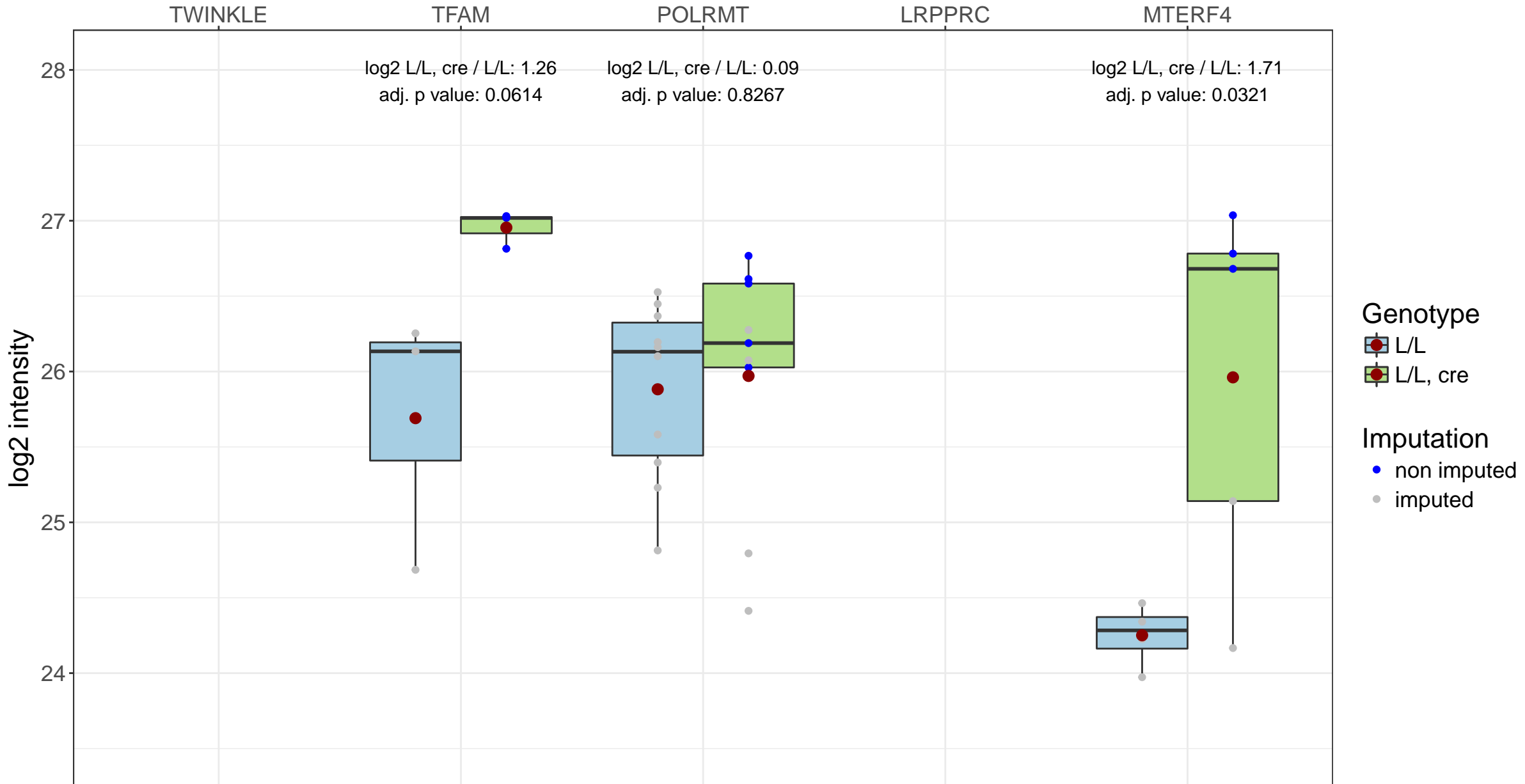
# ALDH1L2 / Q8K009



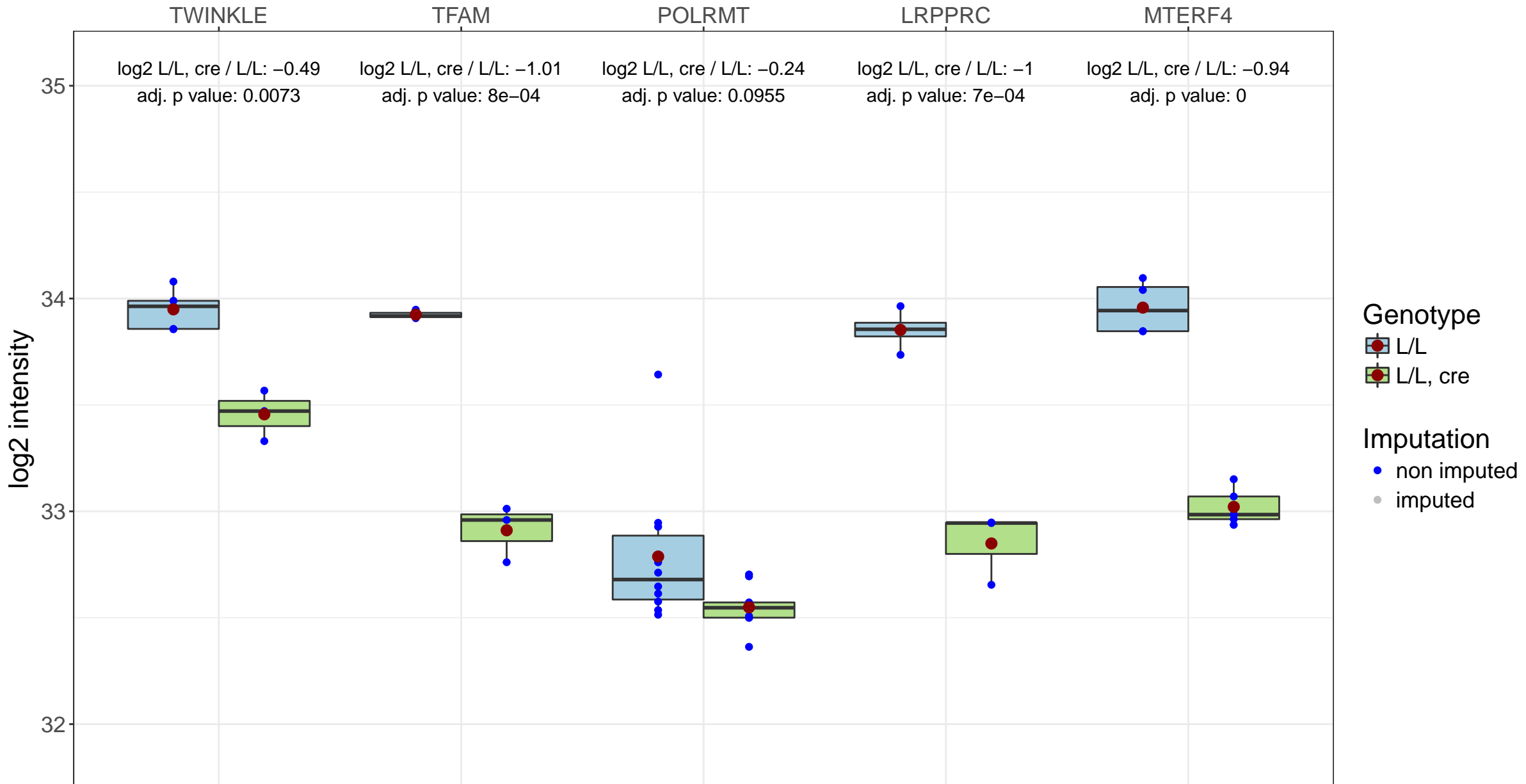
# ALDH2 / P47738



# ALDH3A2 / B1AV77

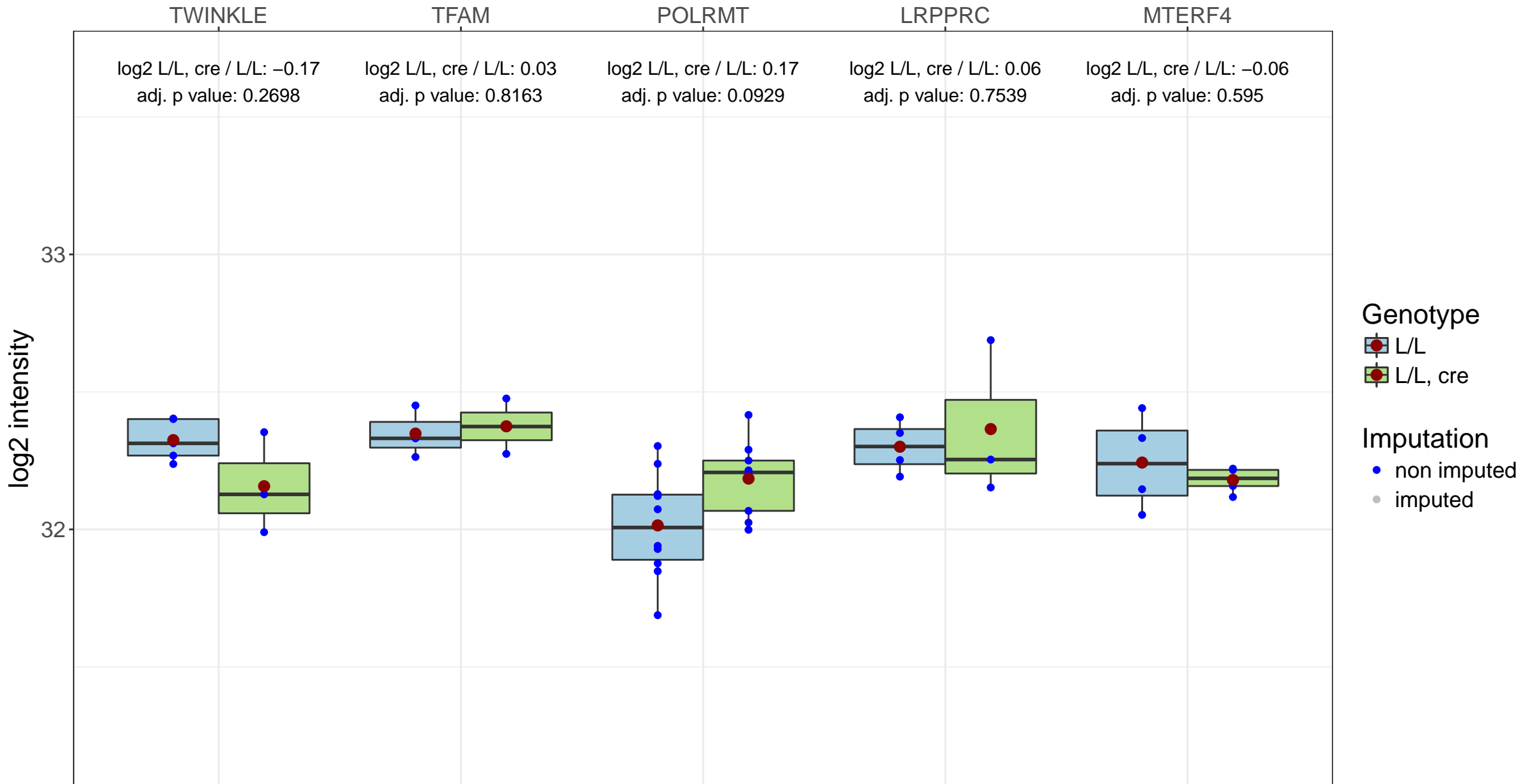


# ALDH4A1 / Q8CHT0

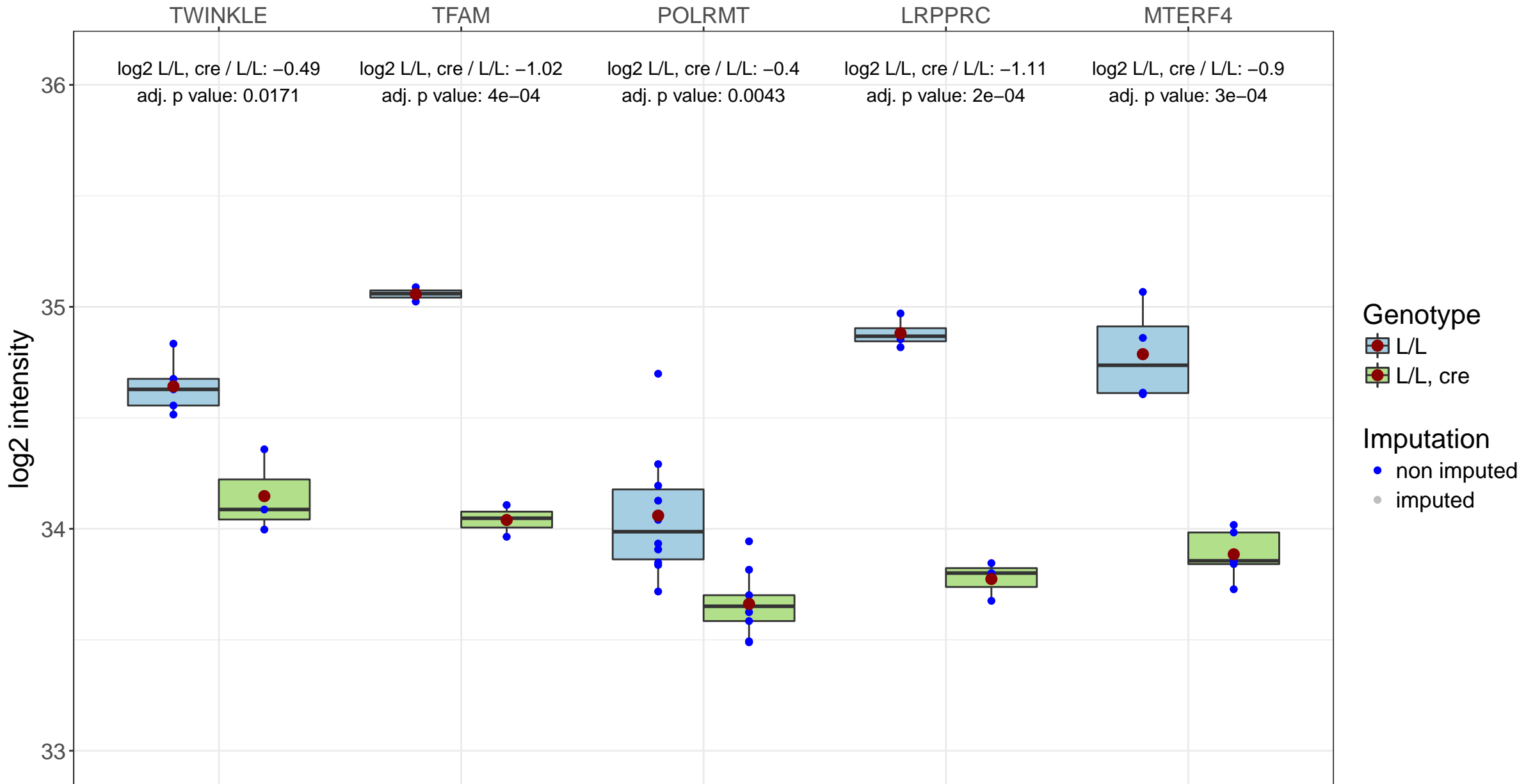




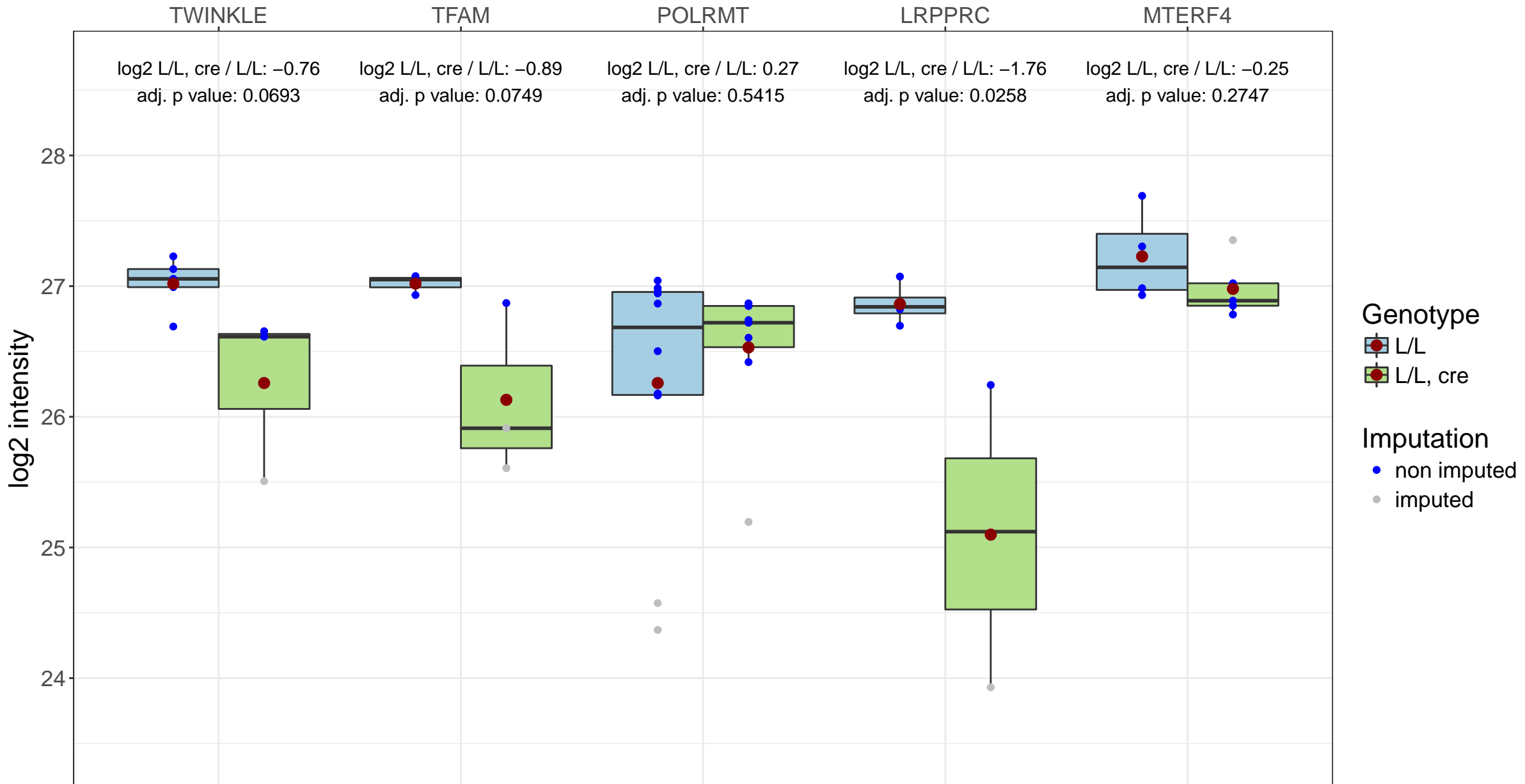
# ALDH5A1 / Q8BWF0



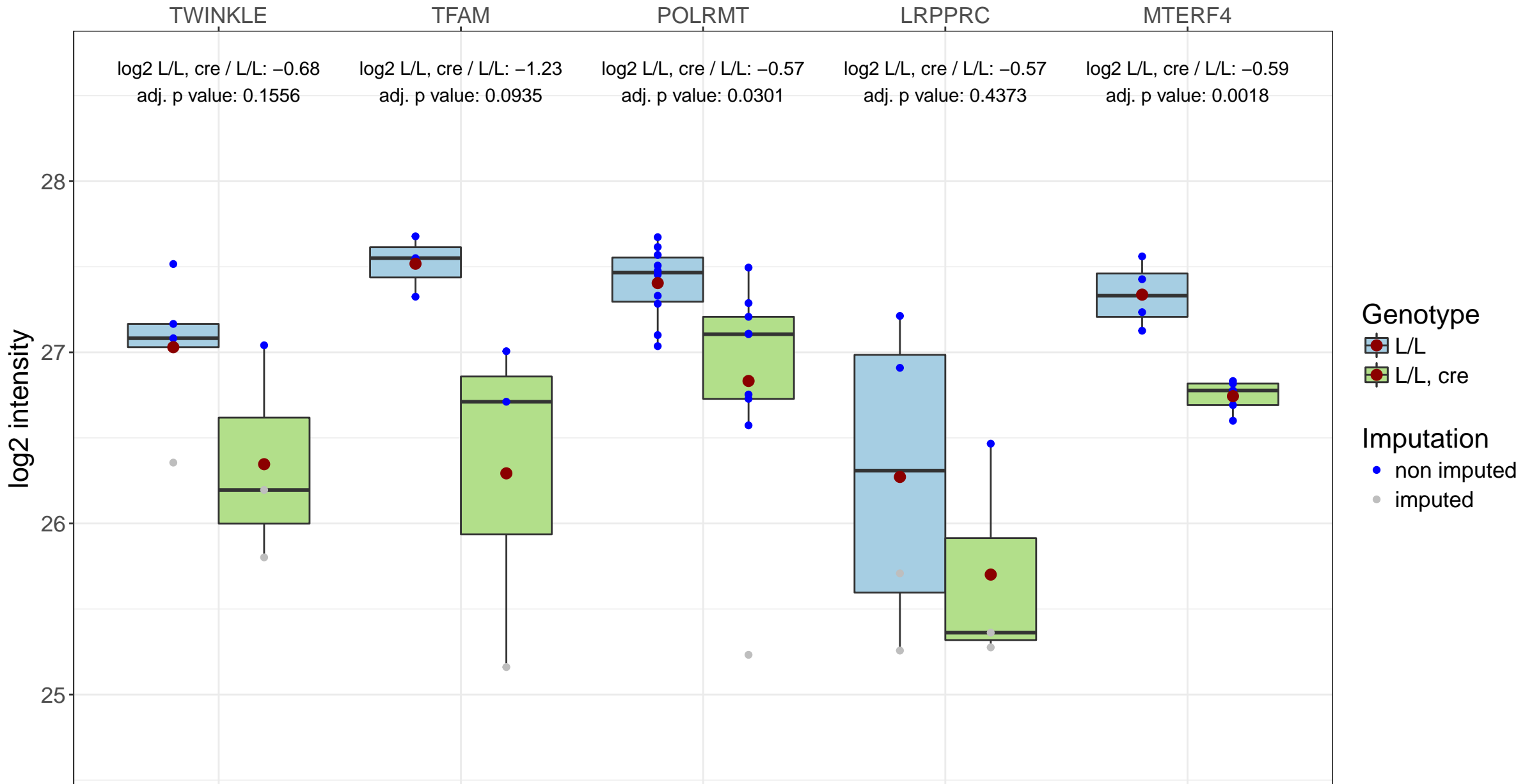
# ALDH6A1 / Q9EQ20



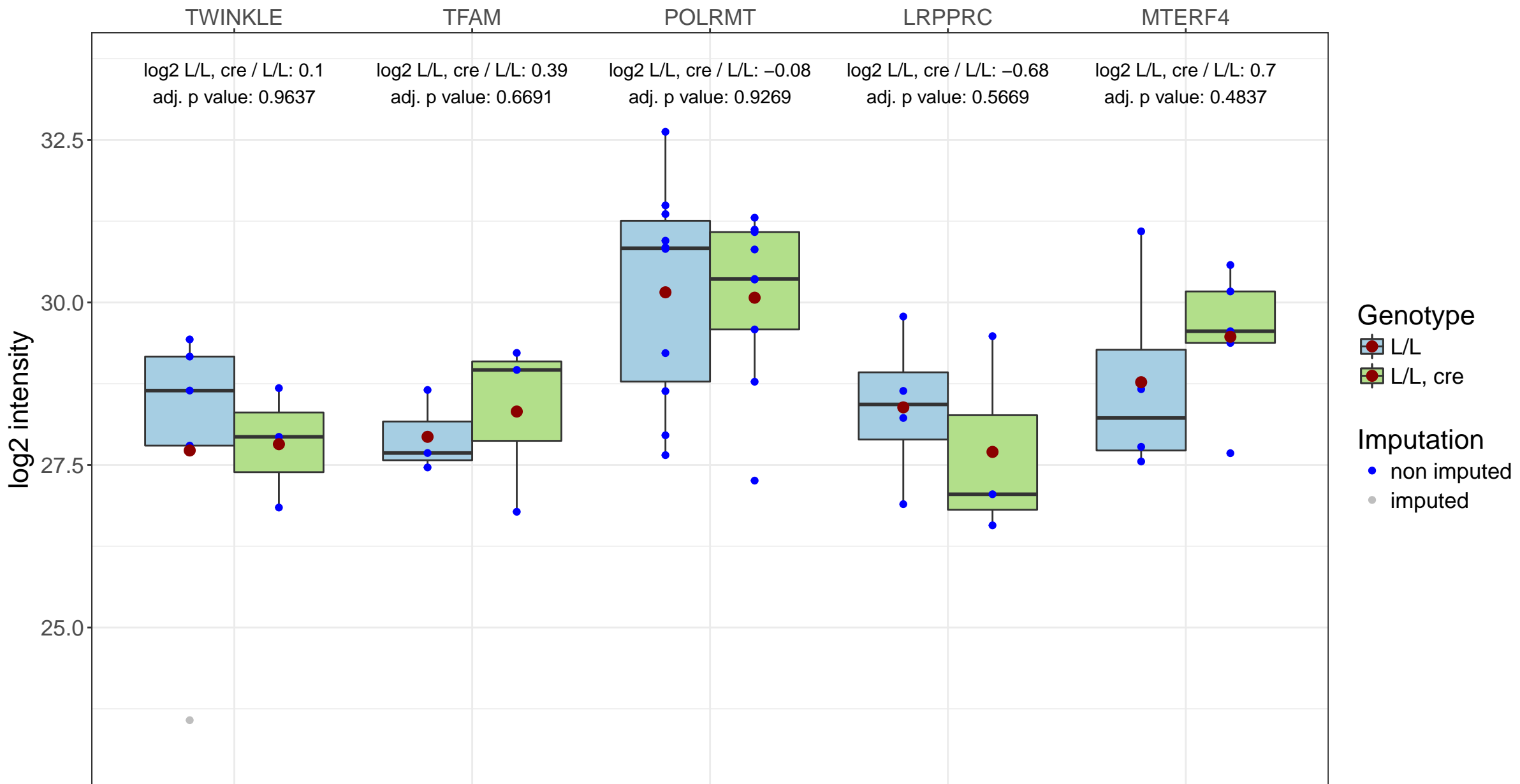
# ALDH7A1 / Q9DBF1-2



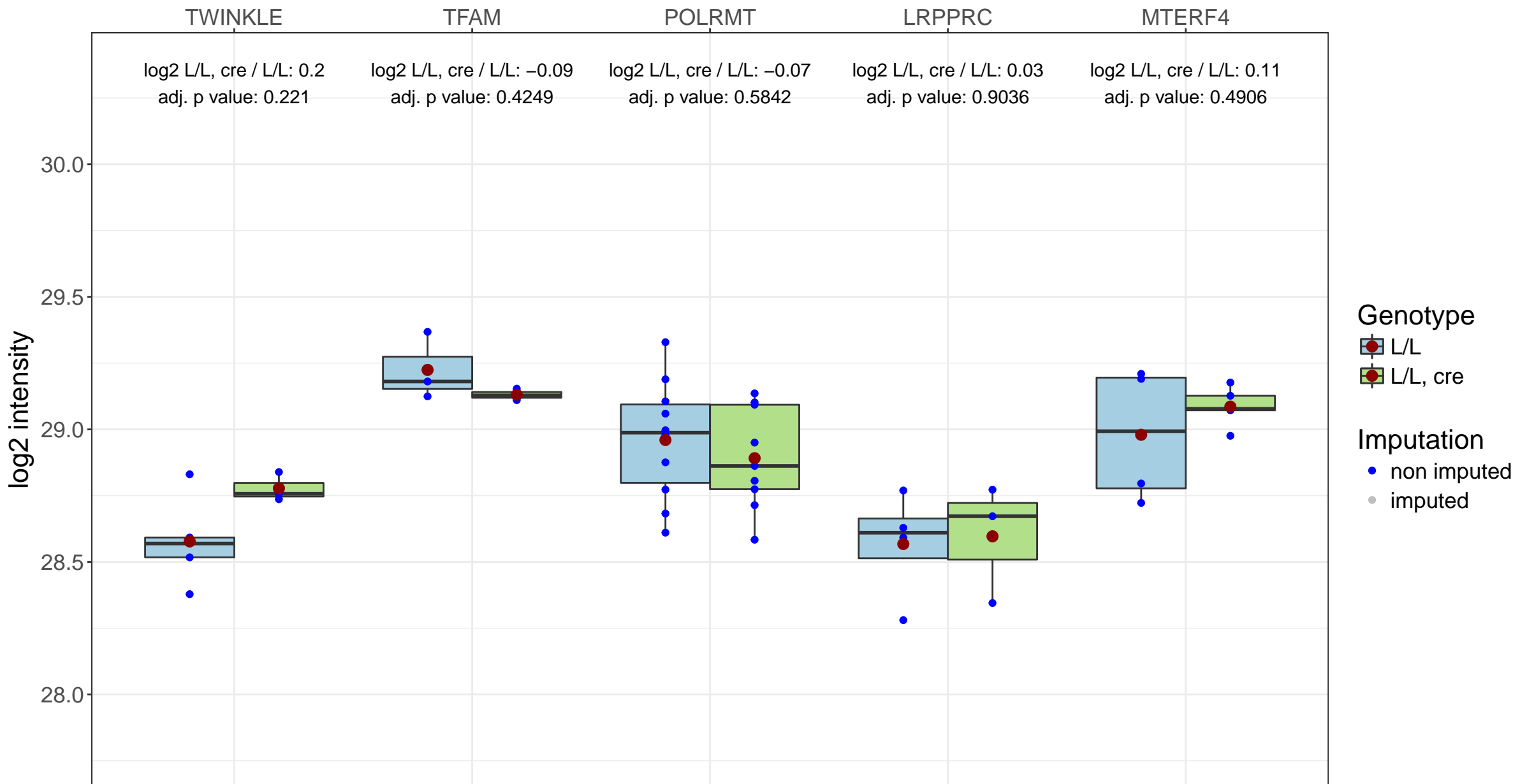
# ALDH9A1 / Q9JLJ2



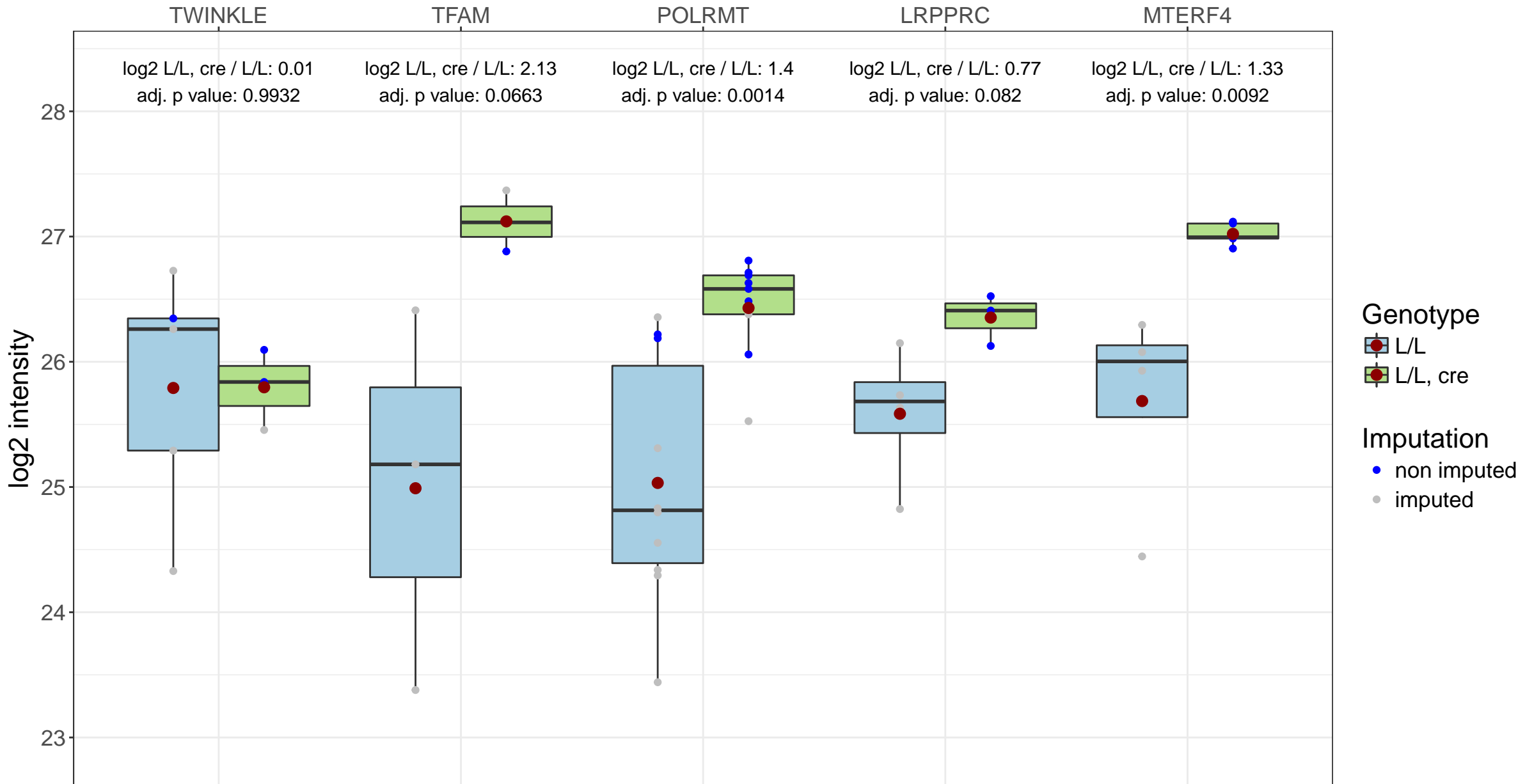
# ALDOA / P05064



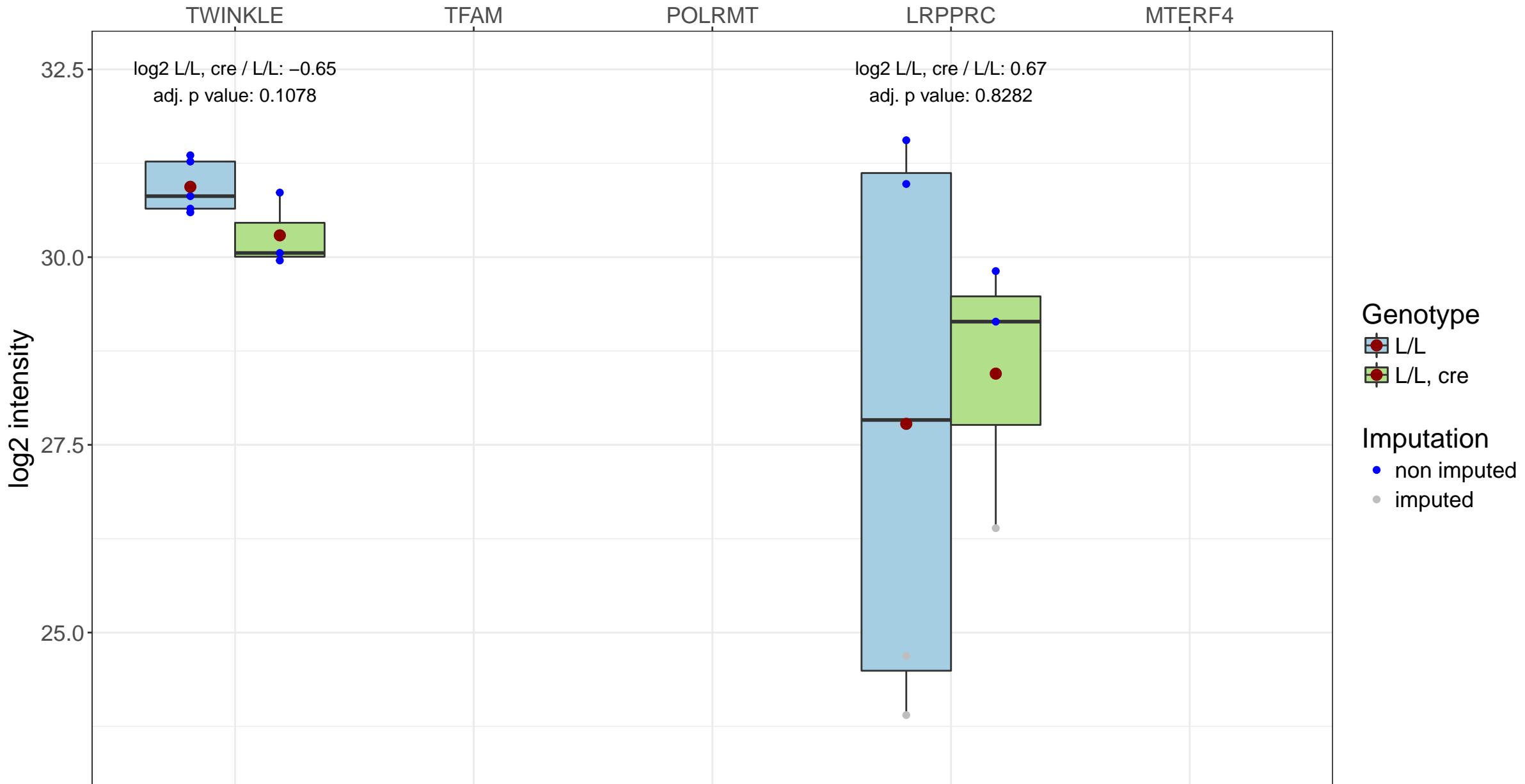
# AMACR / O09174



# ANGEL2 / Q8K1C0-2

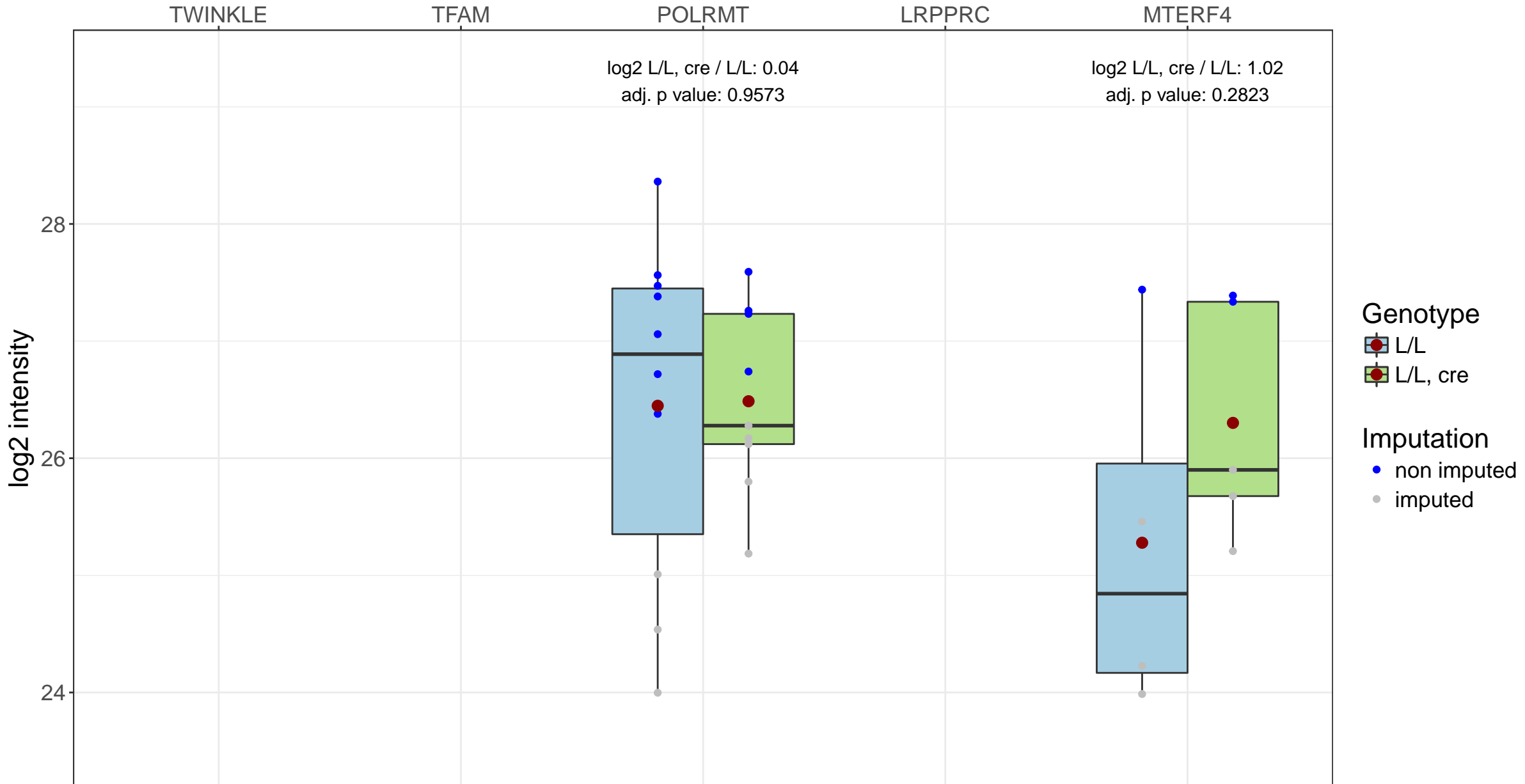


# ANKEF1 / Q9D2J7

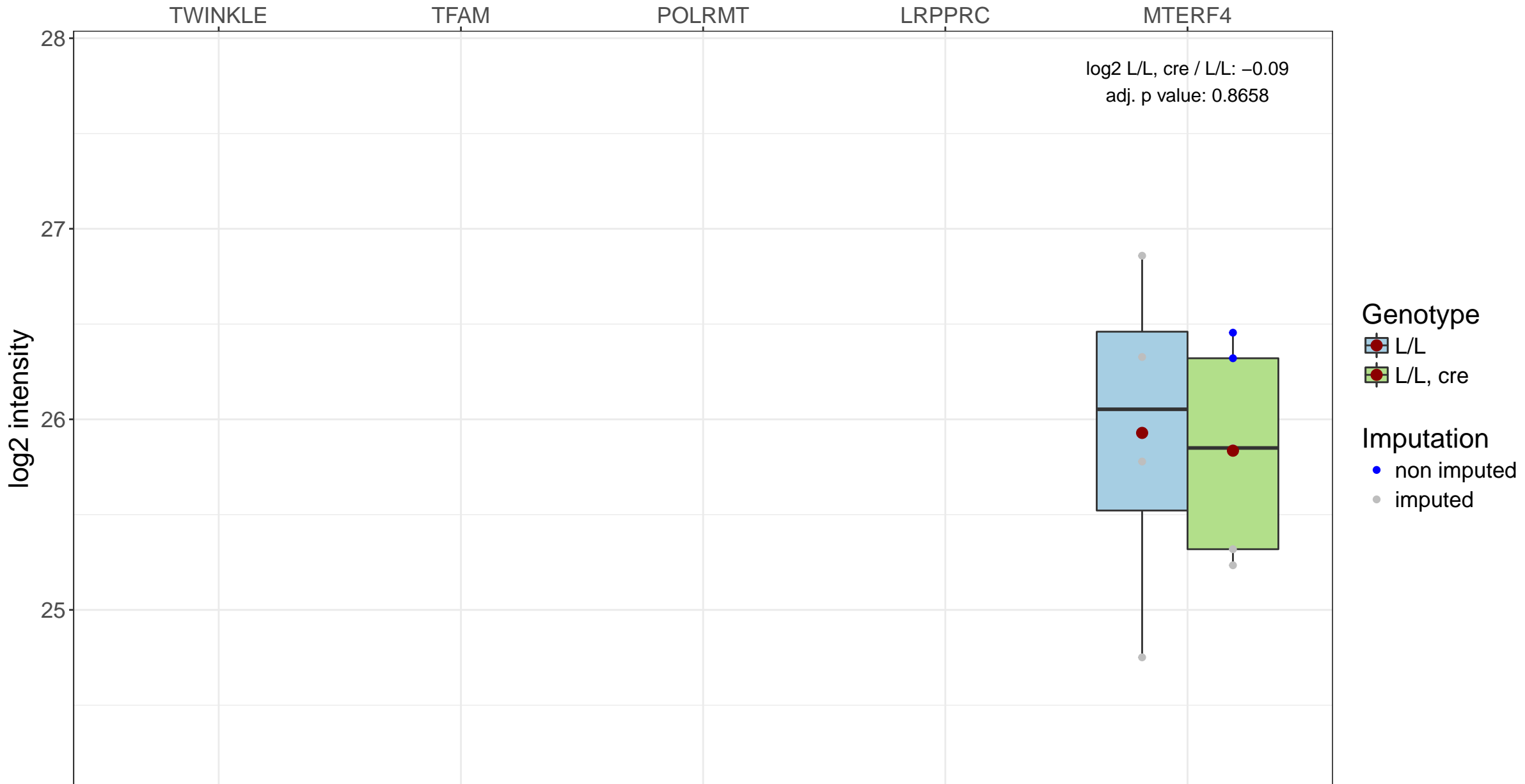




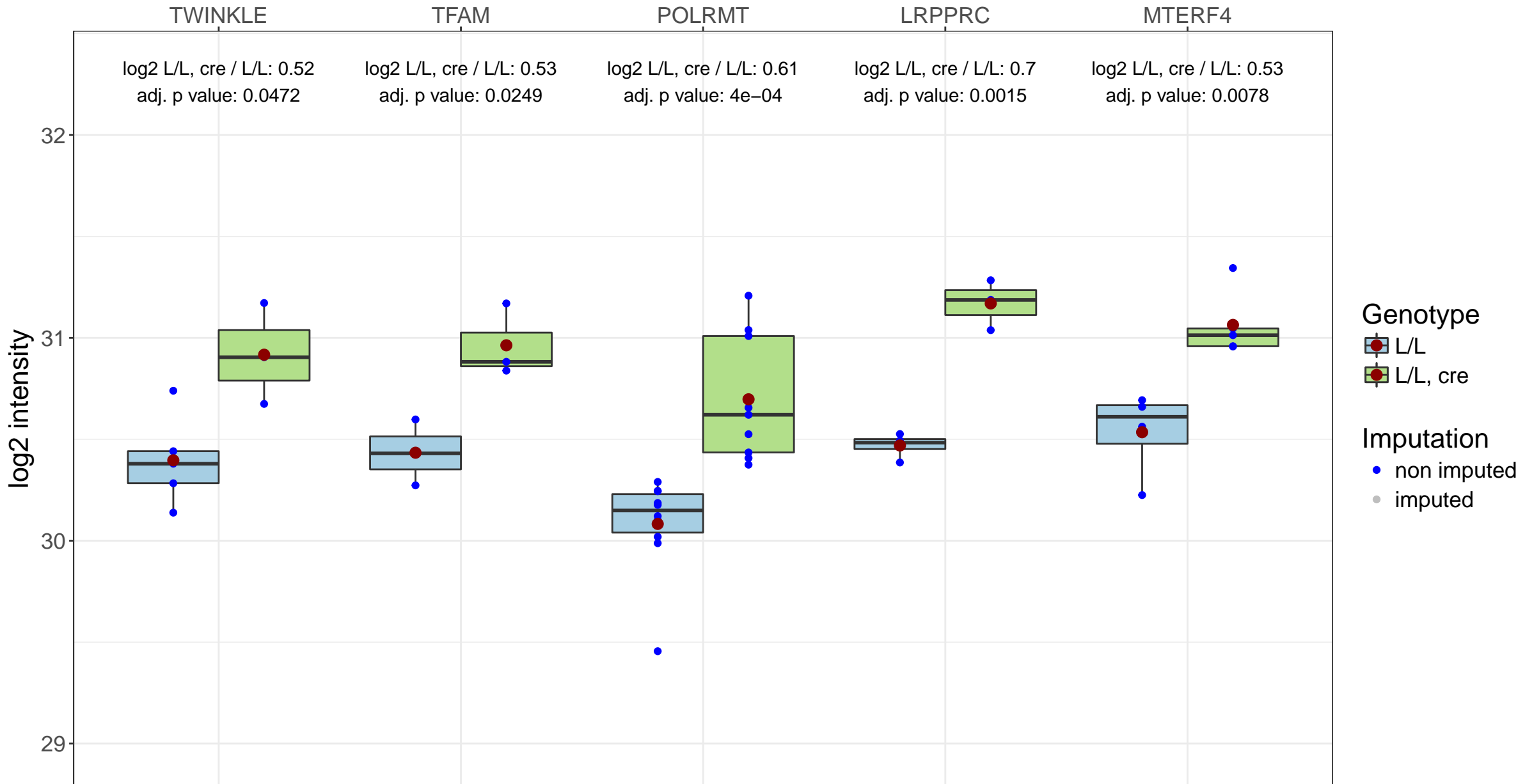
# ANXA2 / P07356



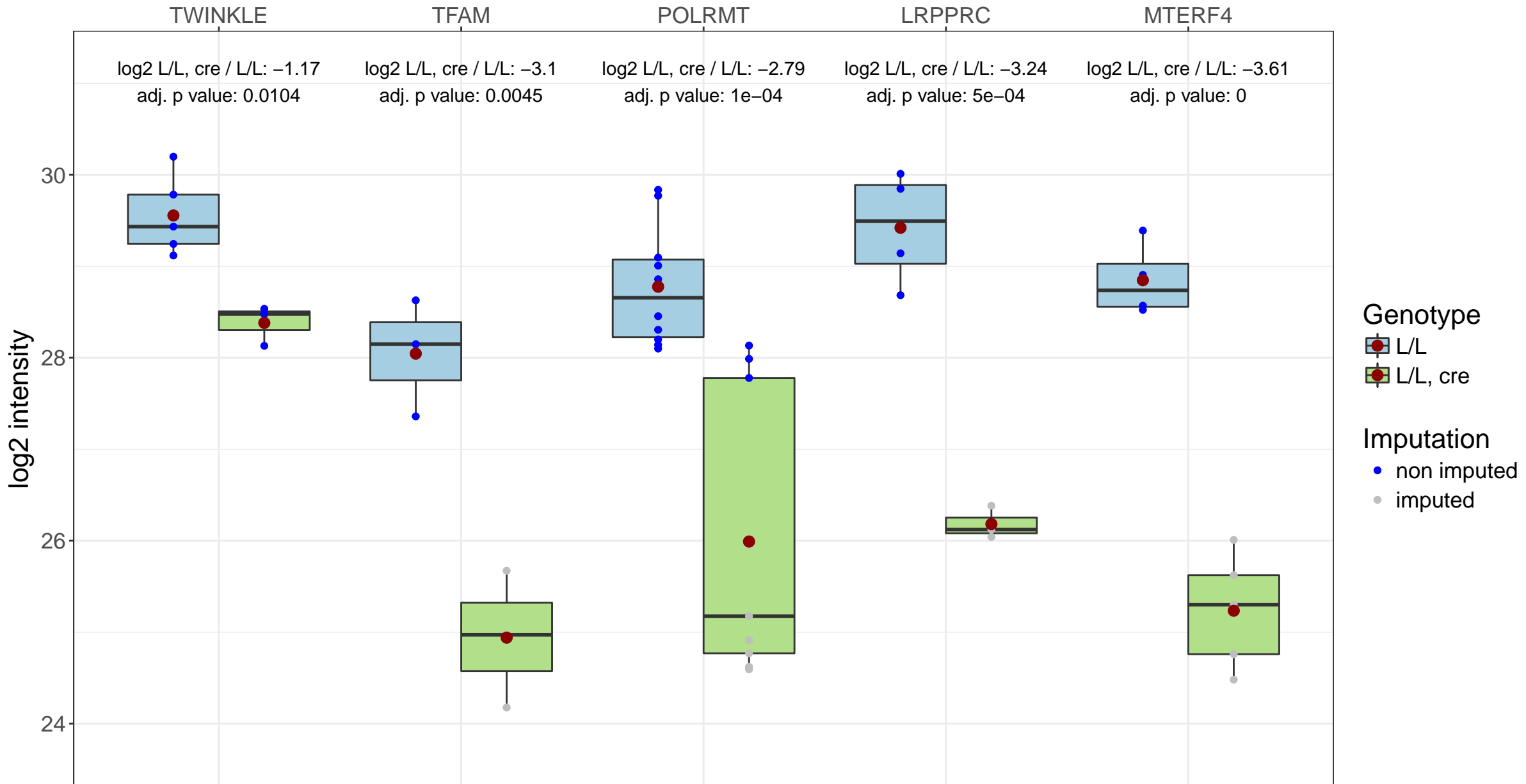
# ANXA7 / Q07076



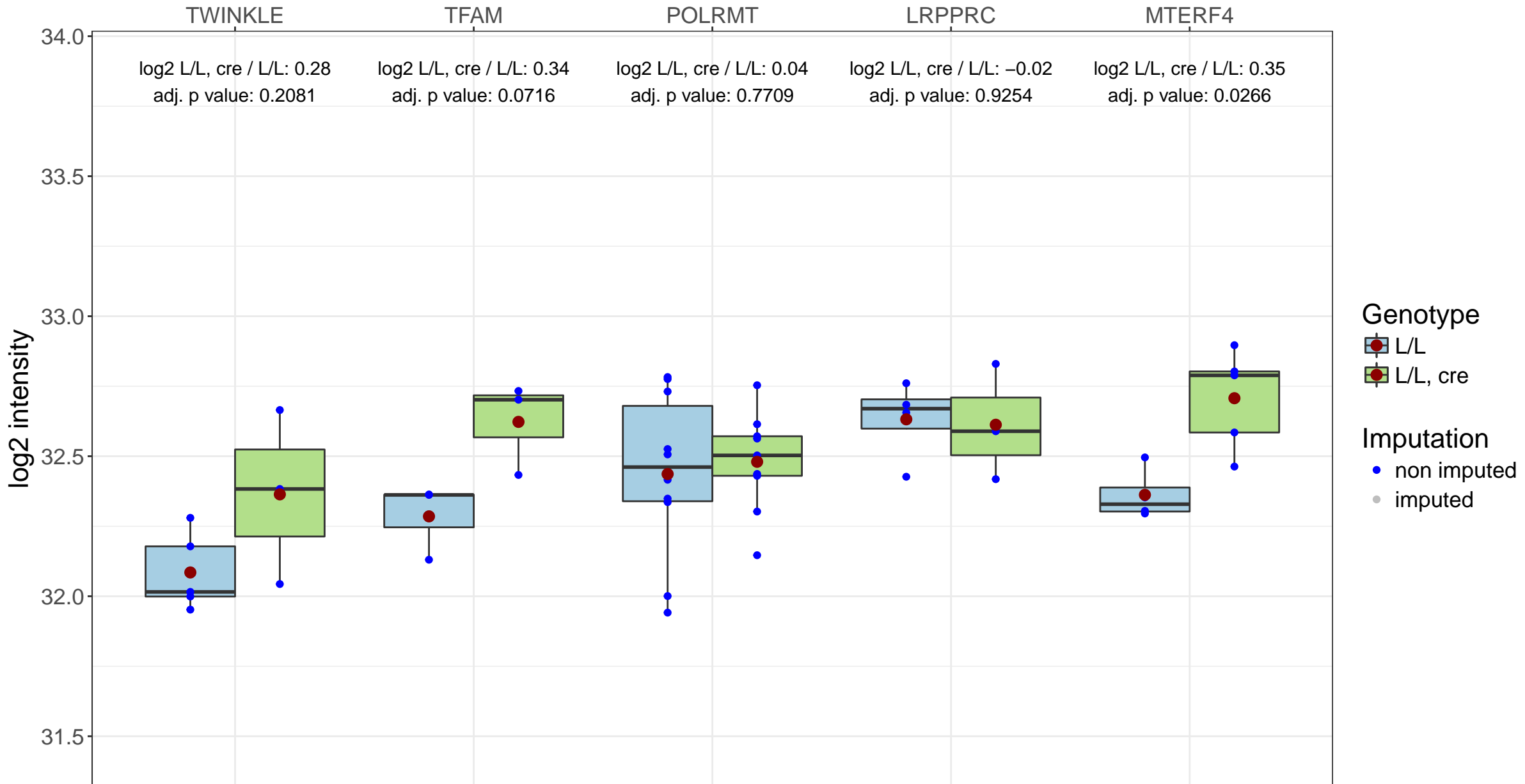
# APOA1BP / Q8K4Z3



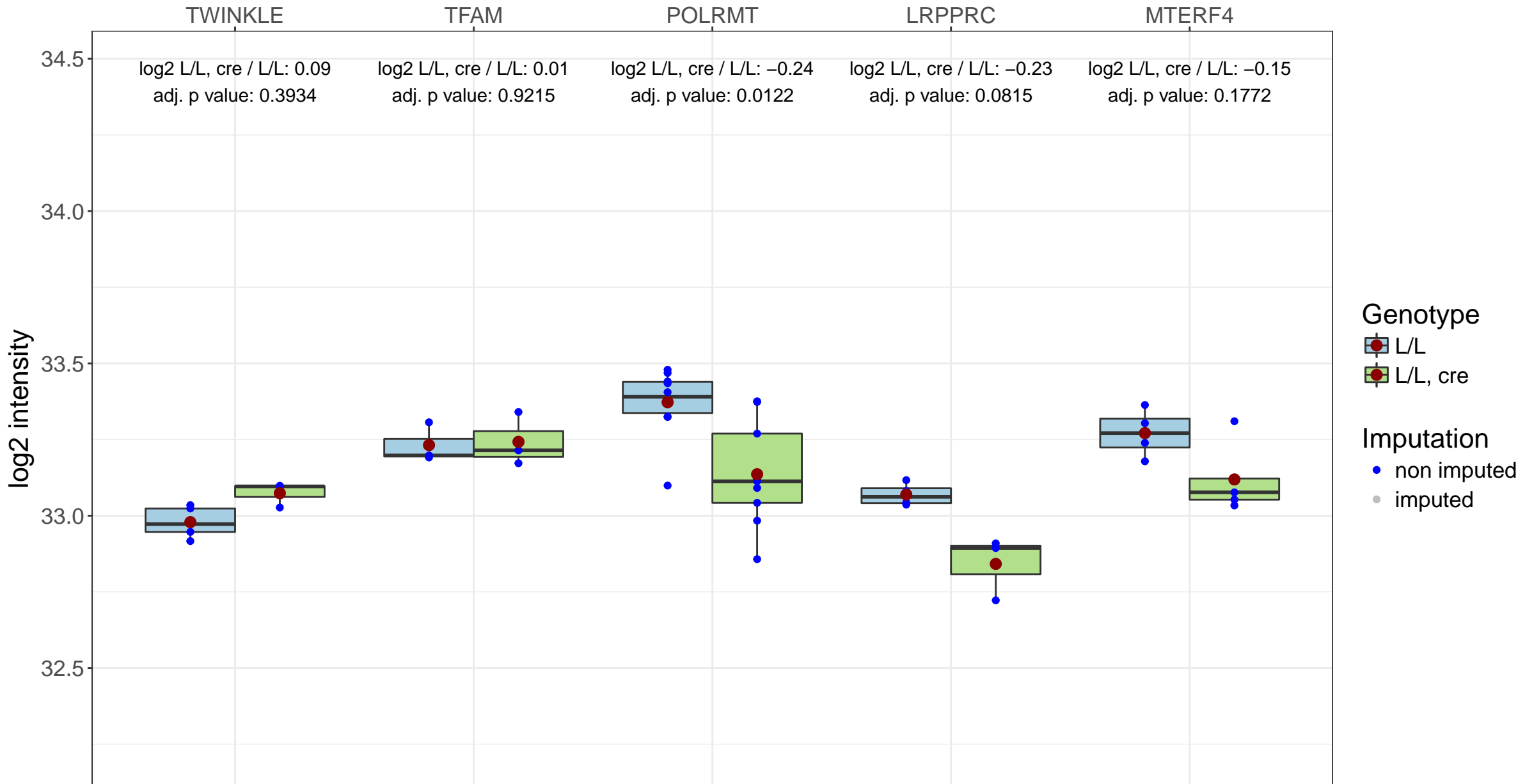
# APOH / Q01339



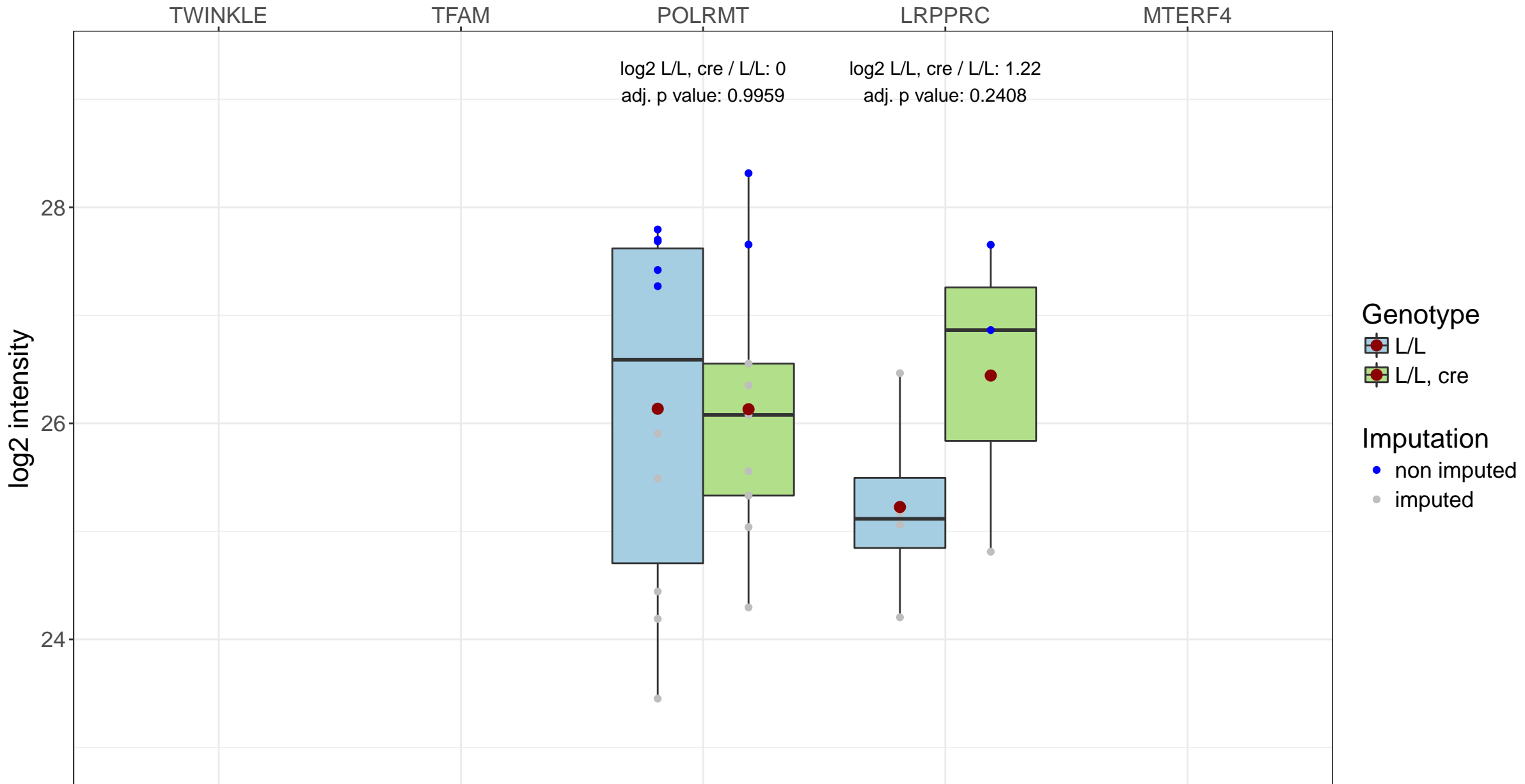
# APOO / Q9D186



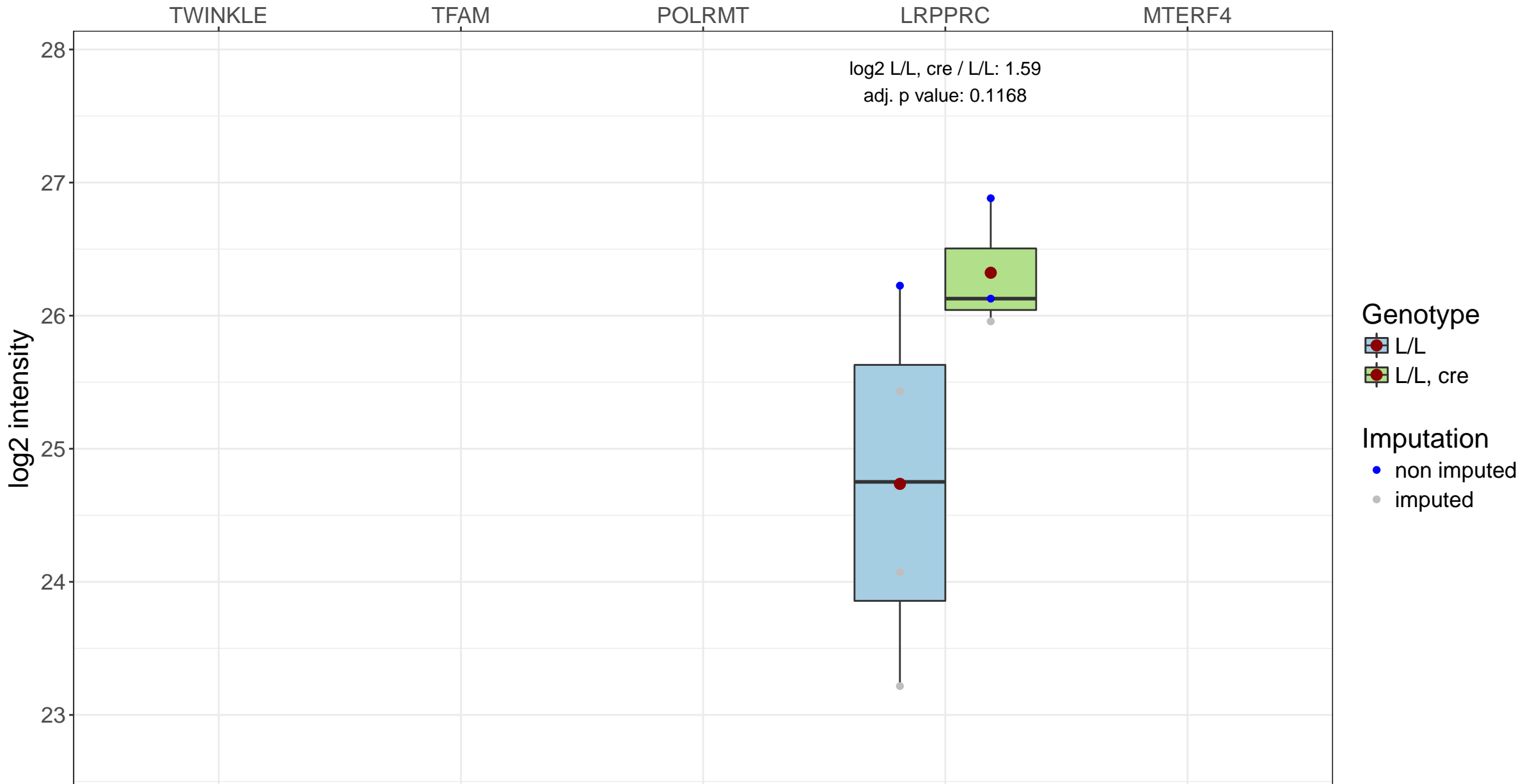
# APOOL / Q78IK4



# ARMC1 / Q9D7A8



# ARMC10 / Q9D0L7-2





# ASPH / A2AL85

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 intensity

27  
26  
25  
24

log2 L/L, cre / L/L: -0.19  
adj. p value: 0.4791

Genotype

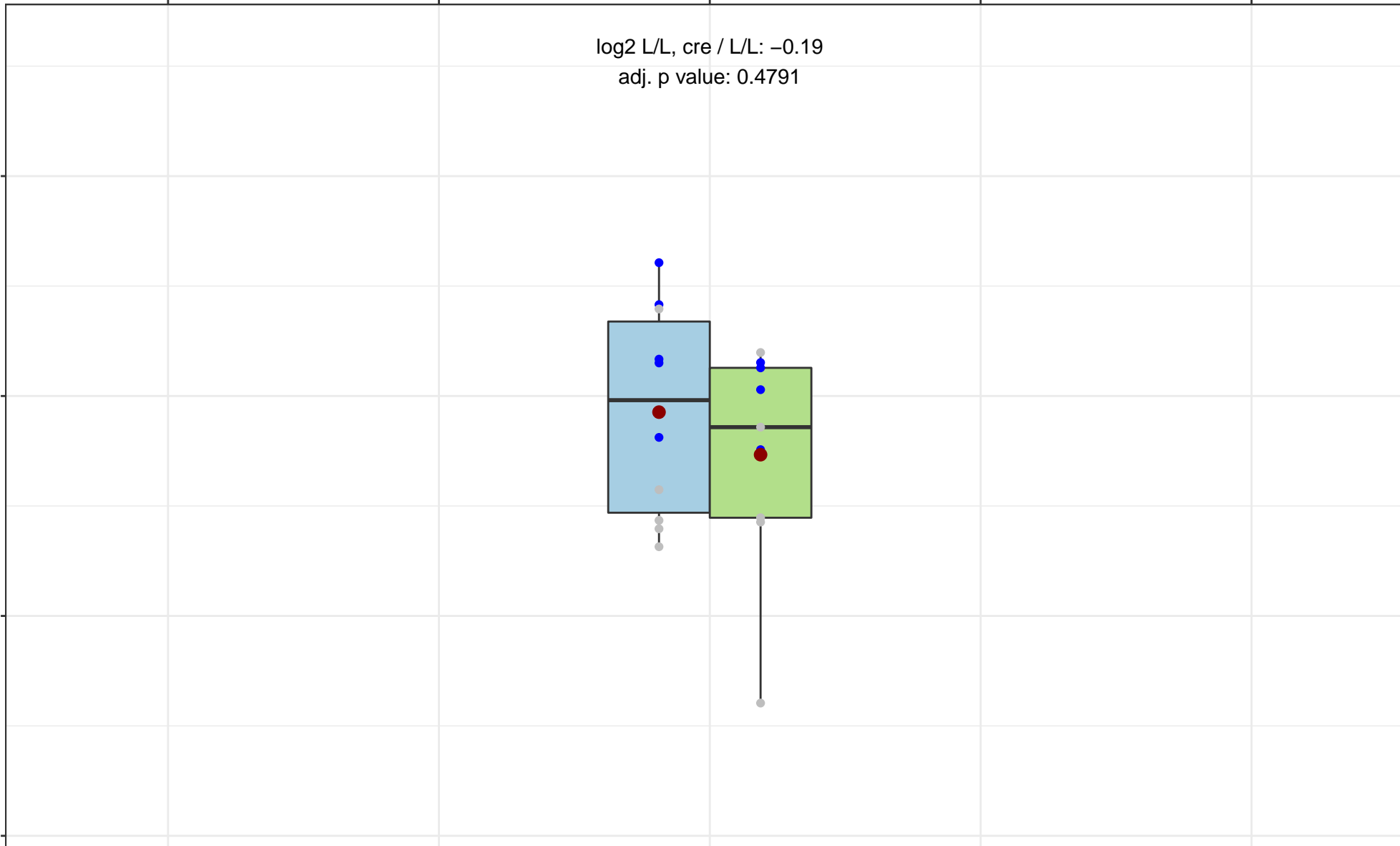
L/L

L/L, cre

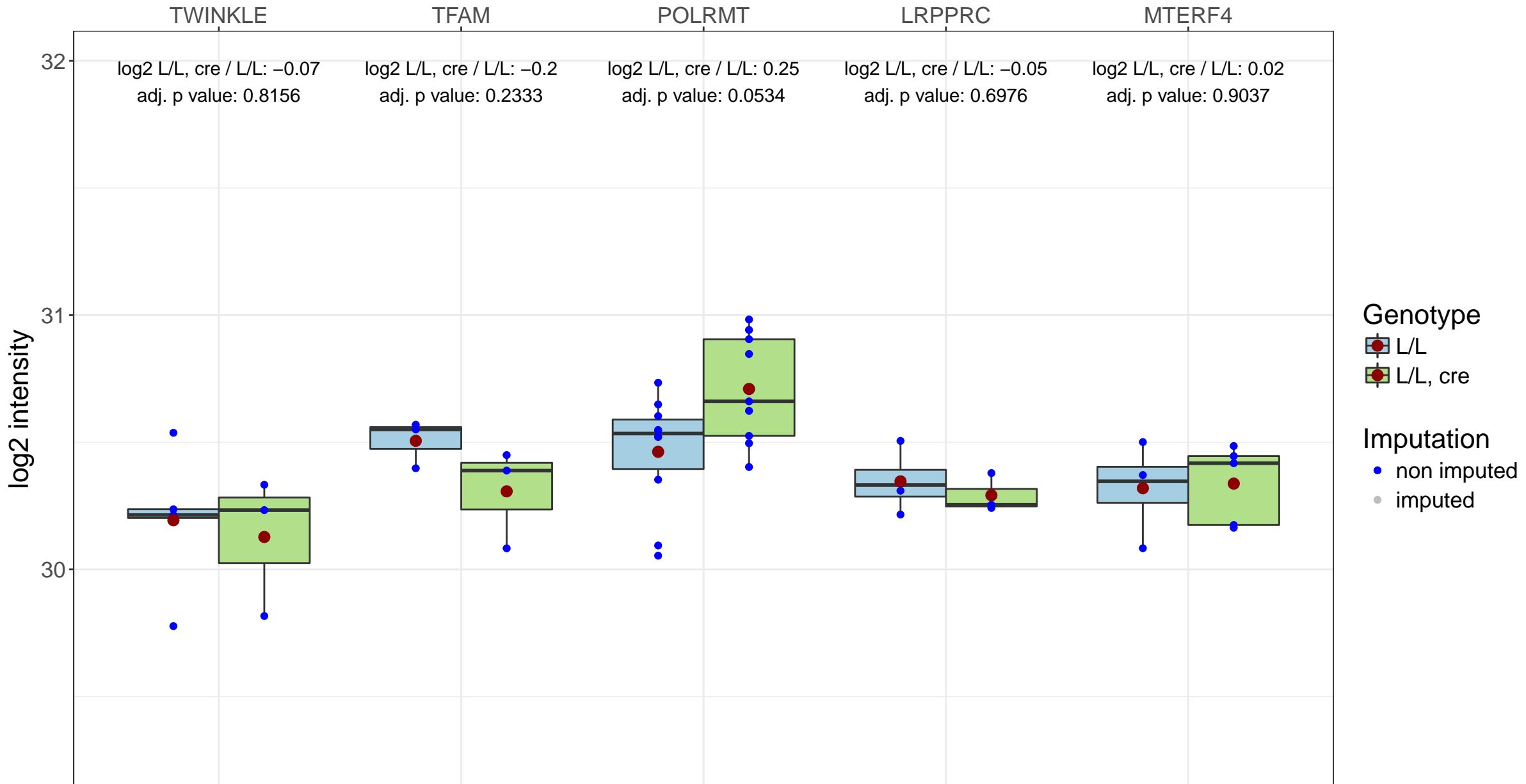
Imputation

non imputed

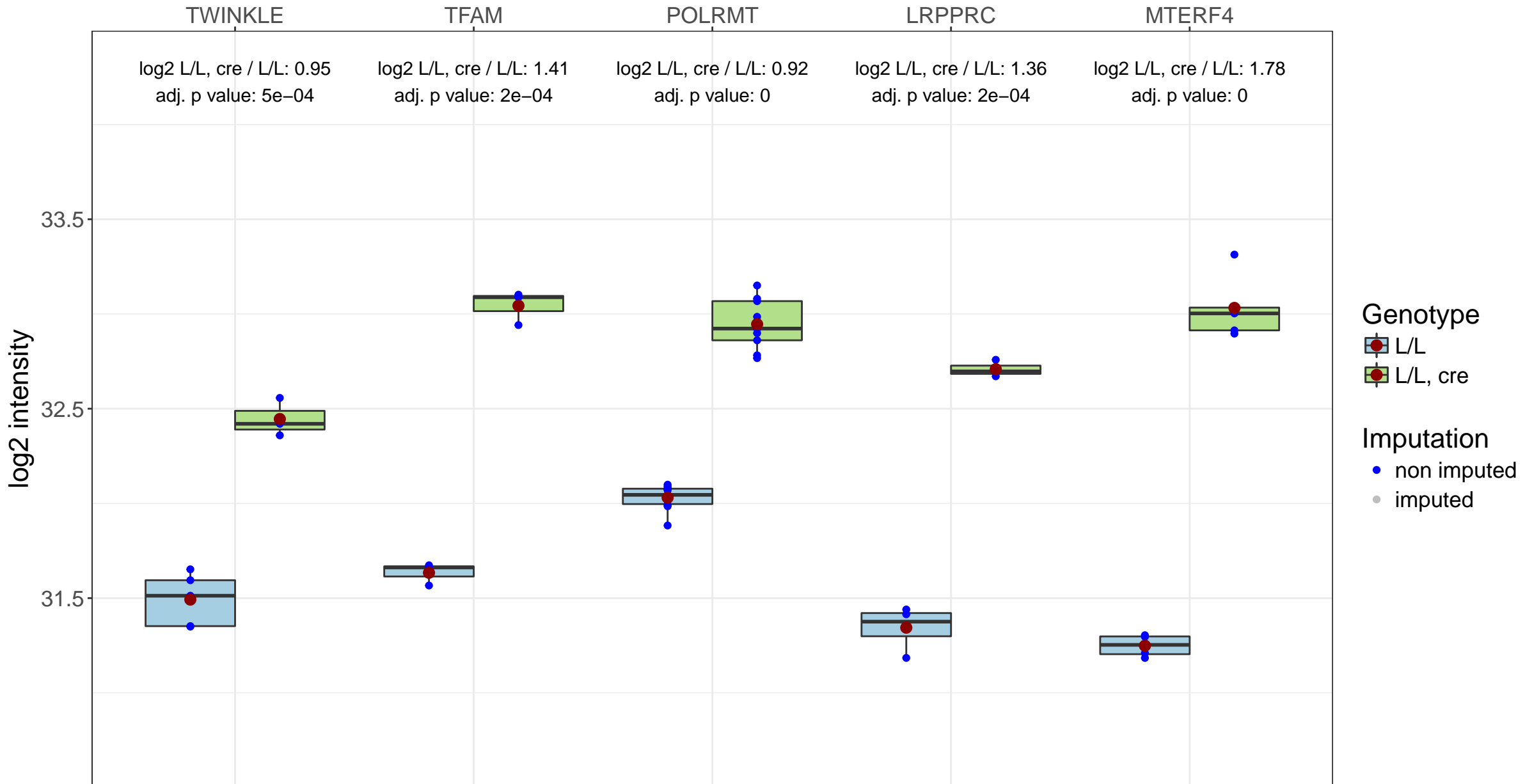
imputed



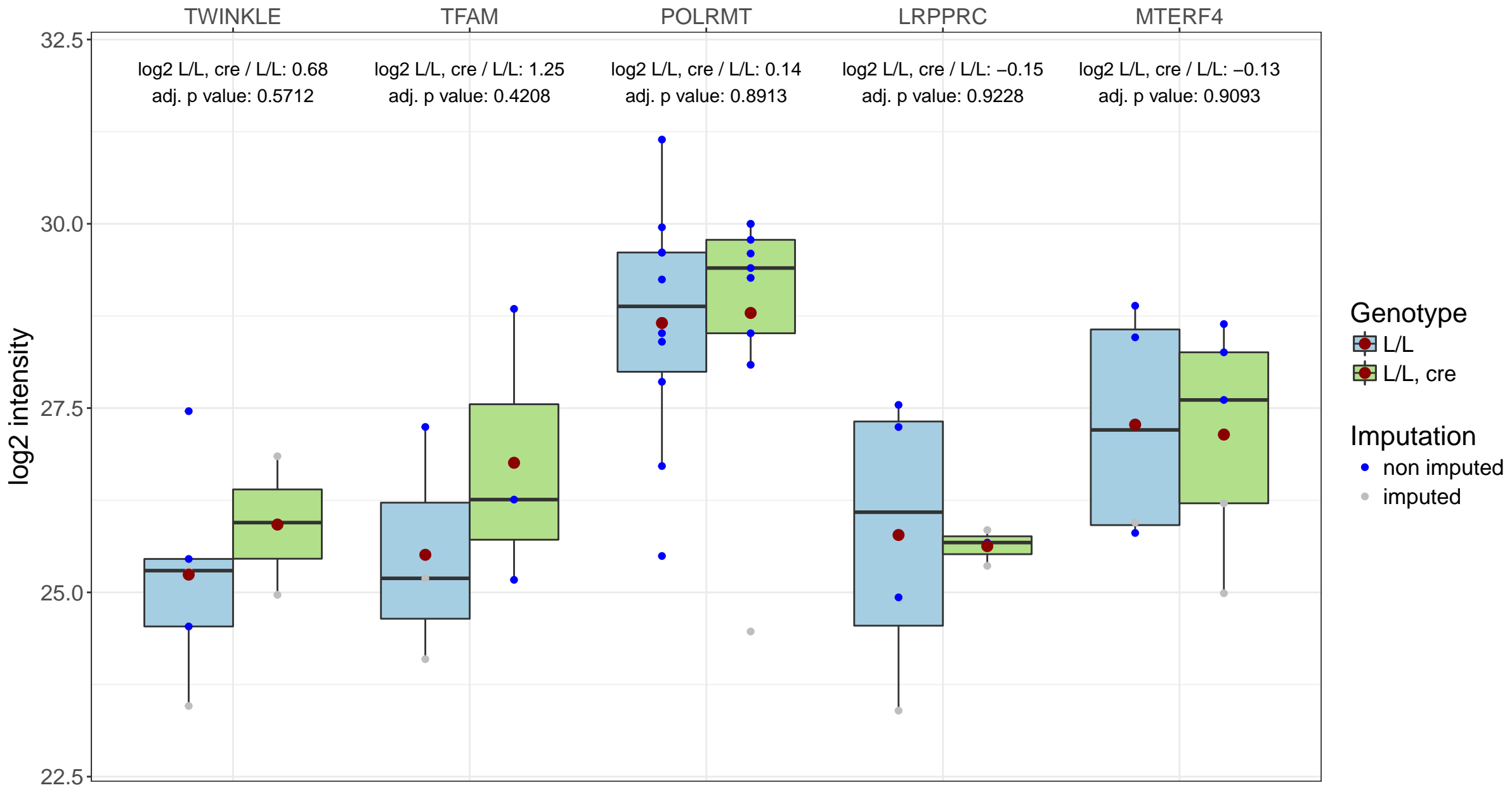
# ATAD1 / Q9D5T0



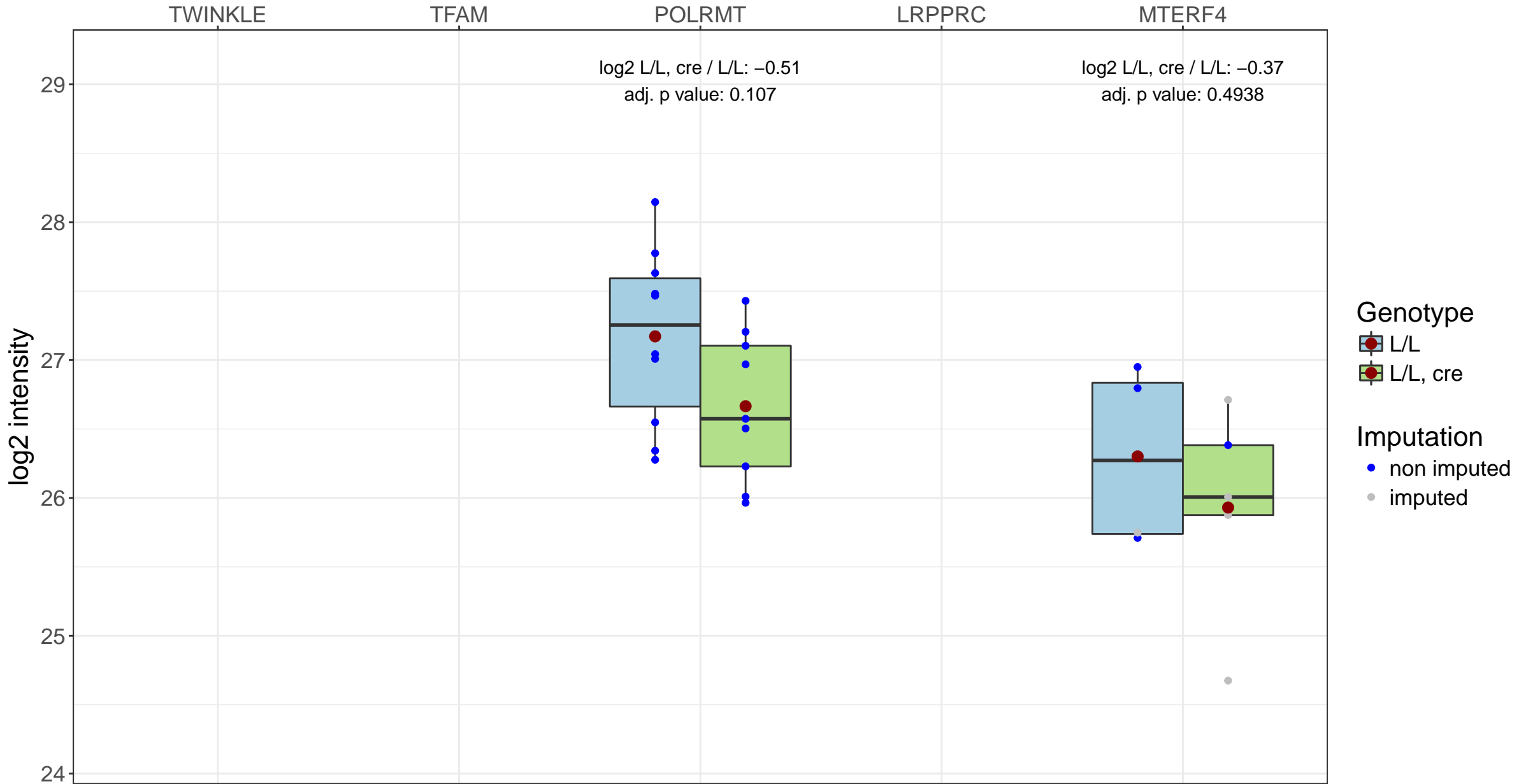
# ATAD3 / Q925I1



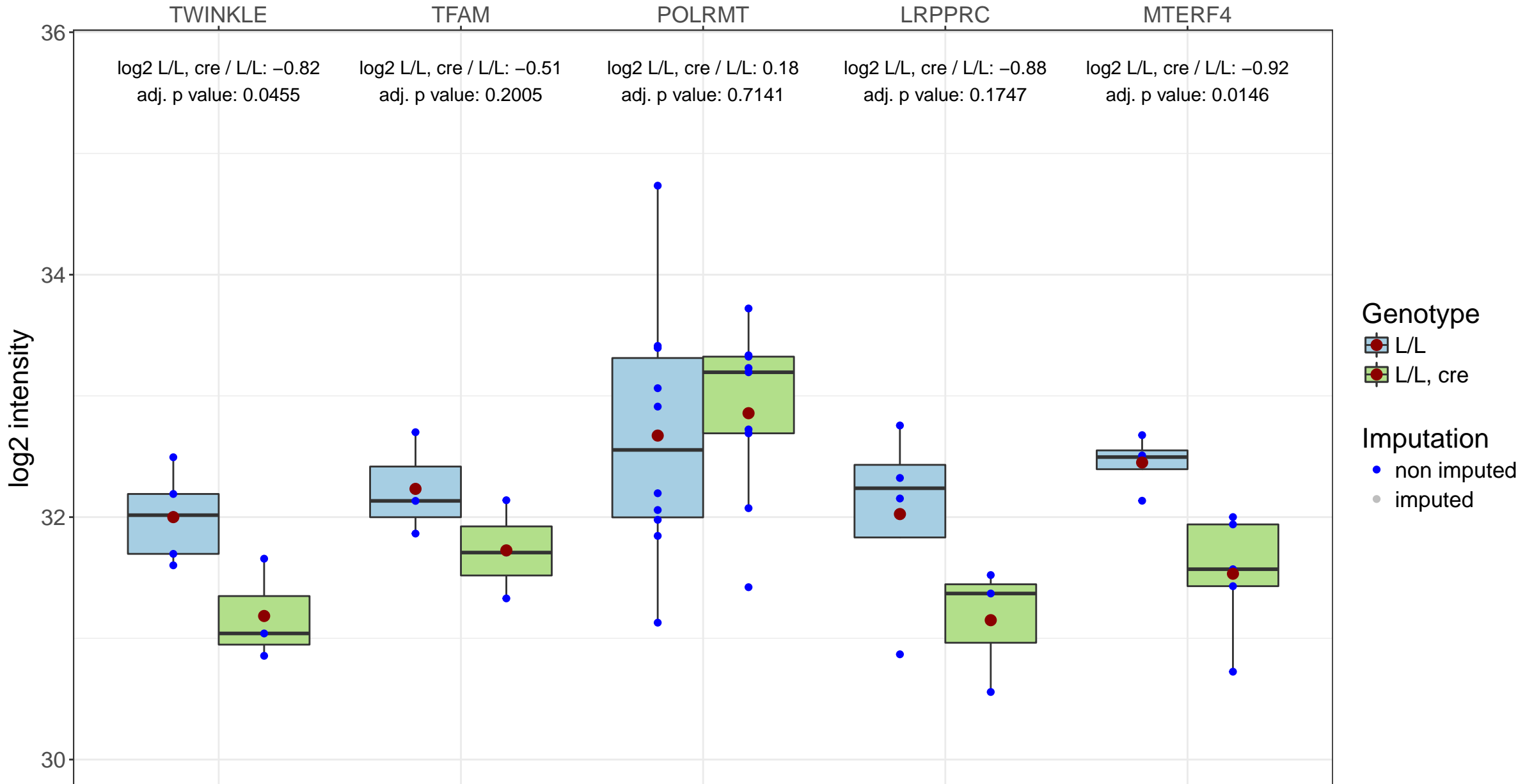
# ATP1A1 / Q8VDN2



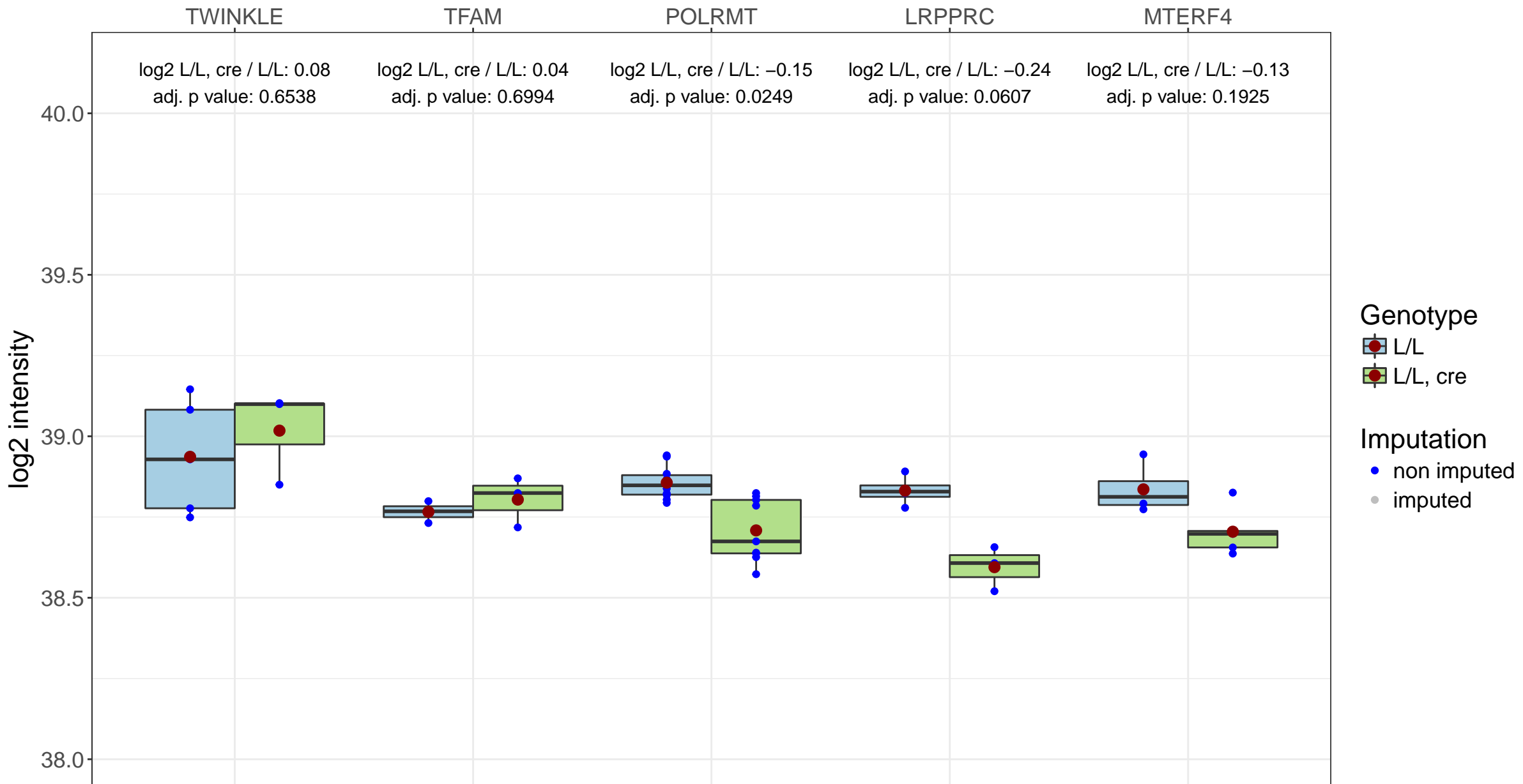
# ATP1B1 / P14094



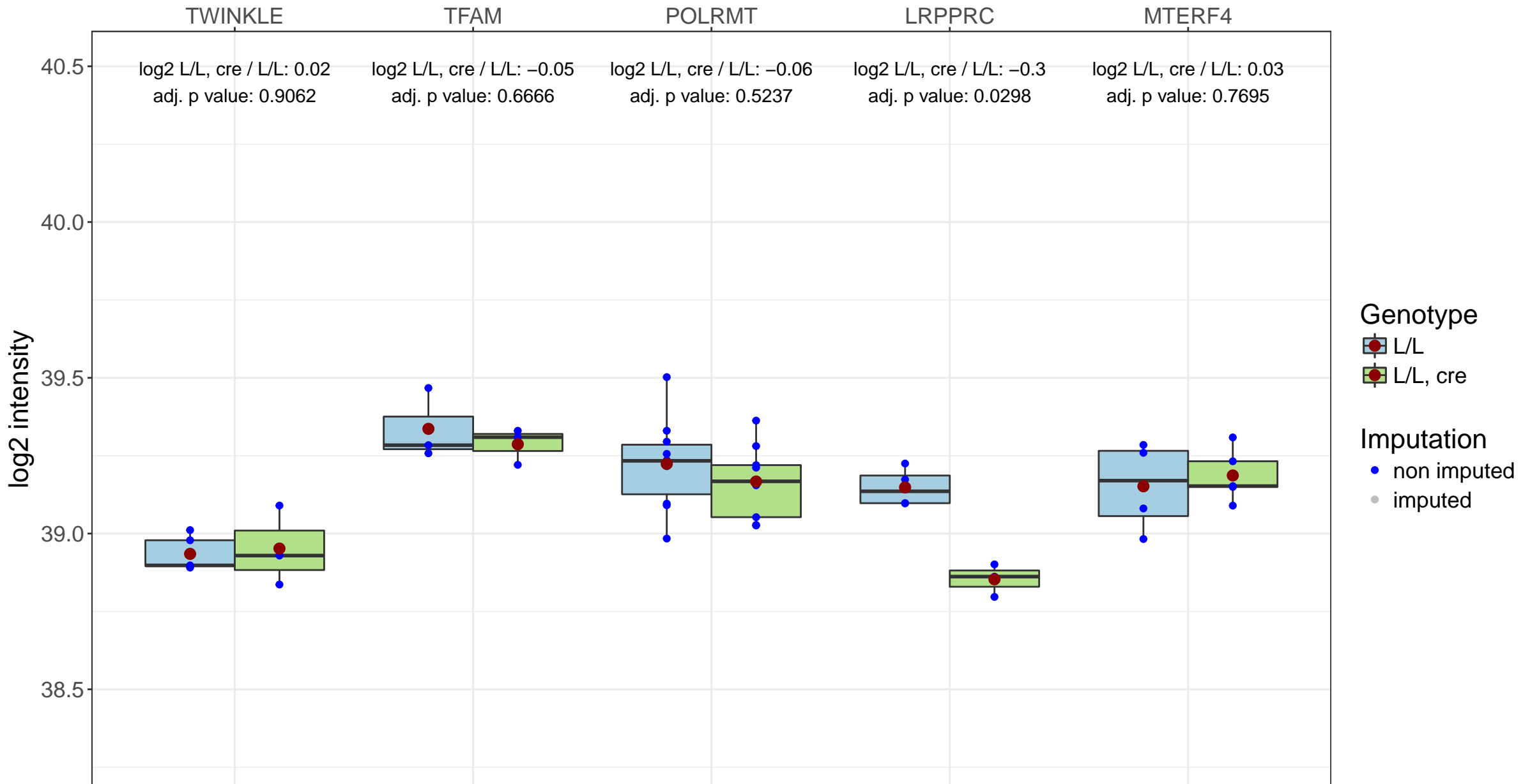
# ATP2A2 / O55143



# ATP5A1 / Q03265



# ATP5B / P56480

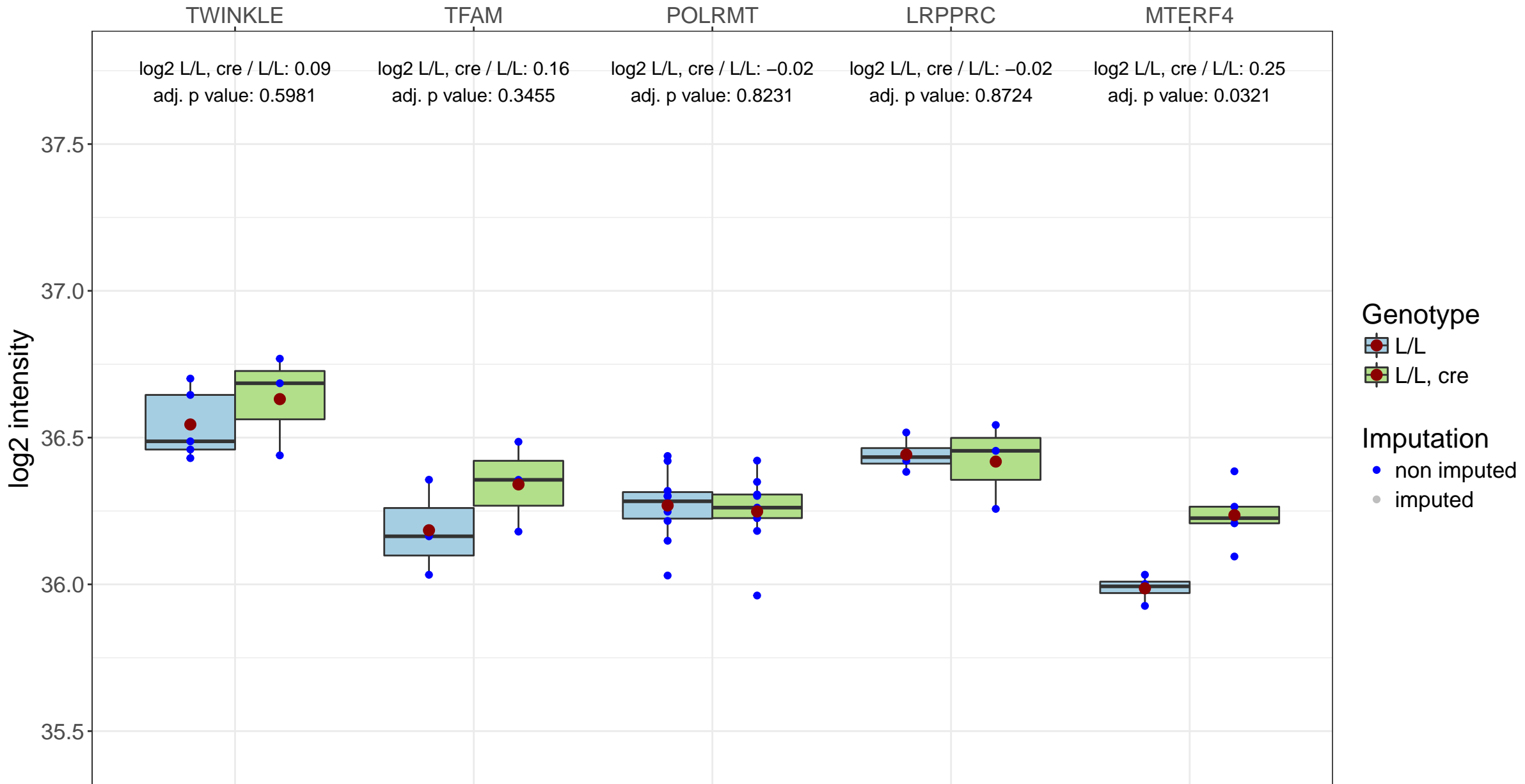




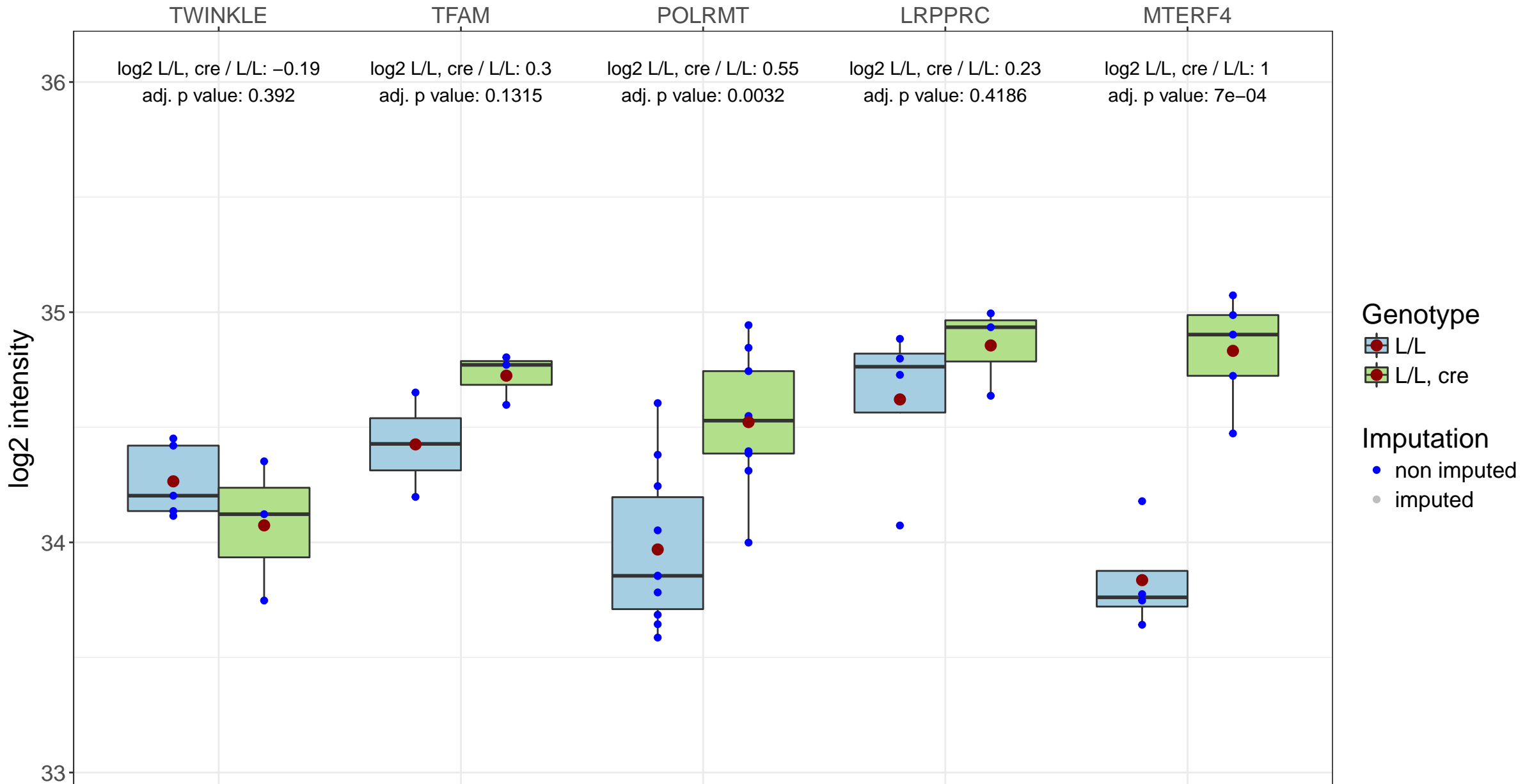
# ATP5C1 / A2AKU9



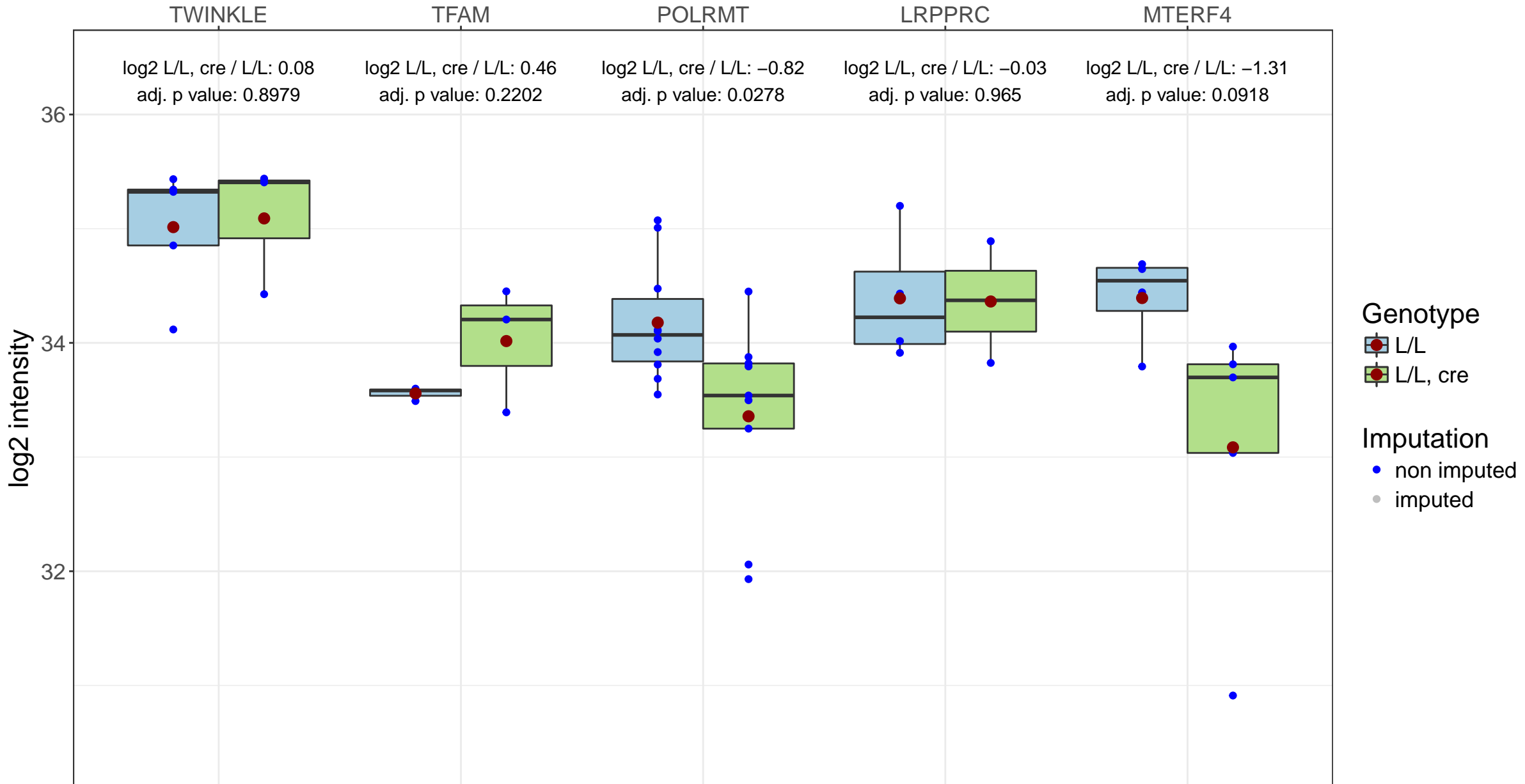
# ATP5C1 / Q8C2Q8



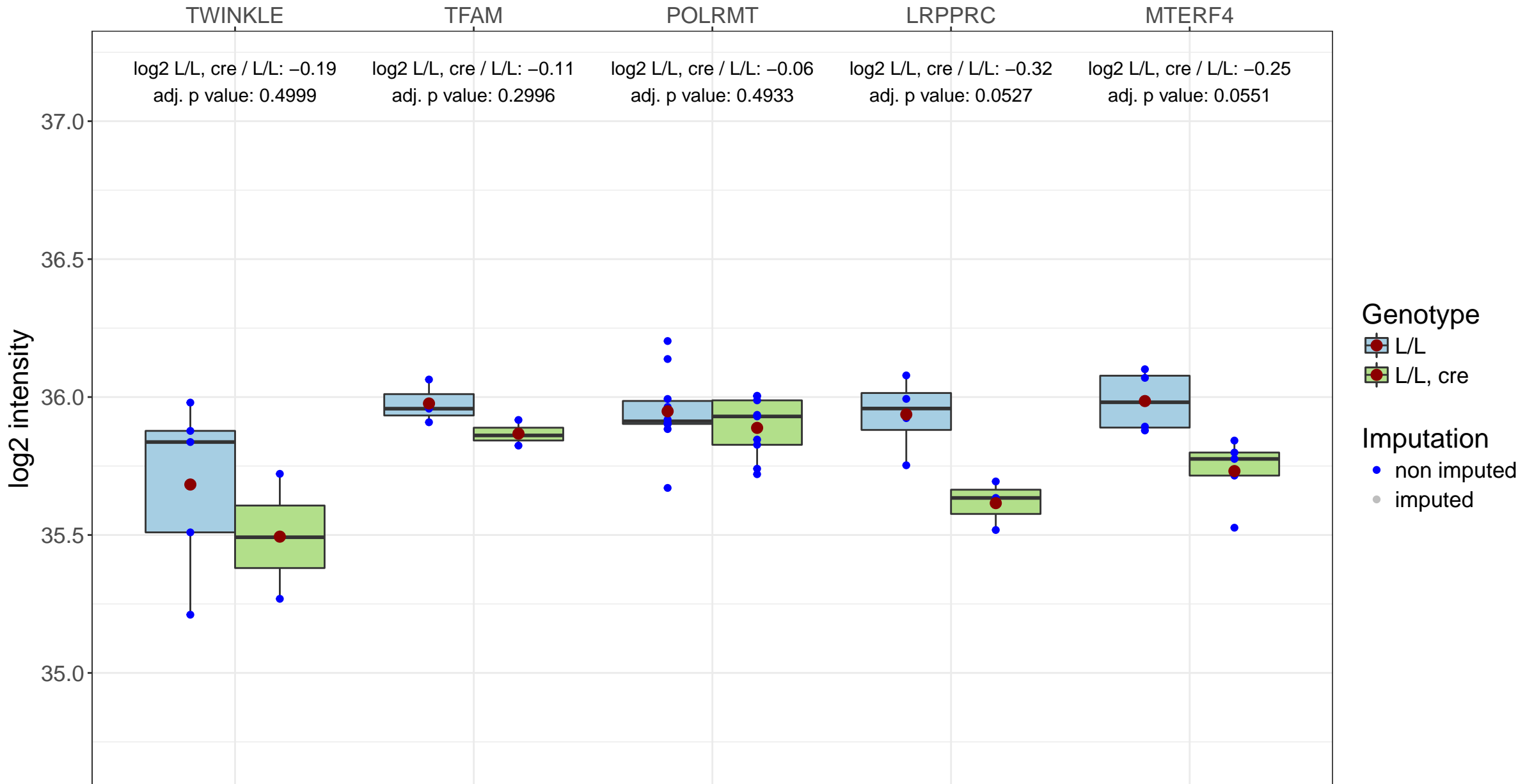
# ATP5D / Q9D3D9



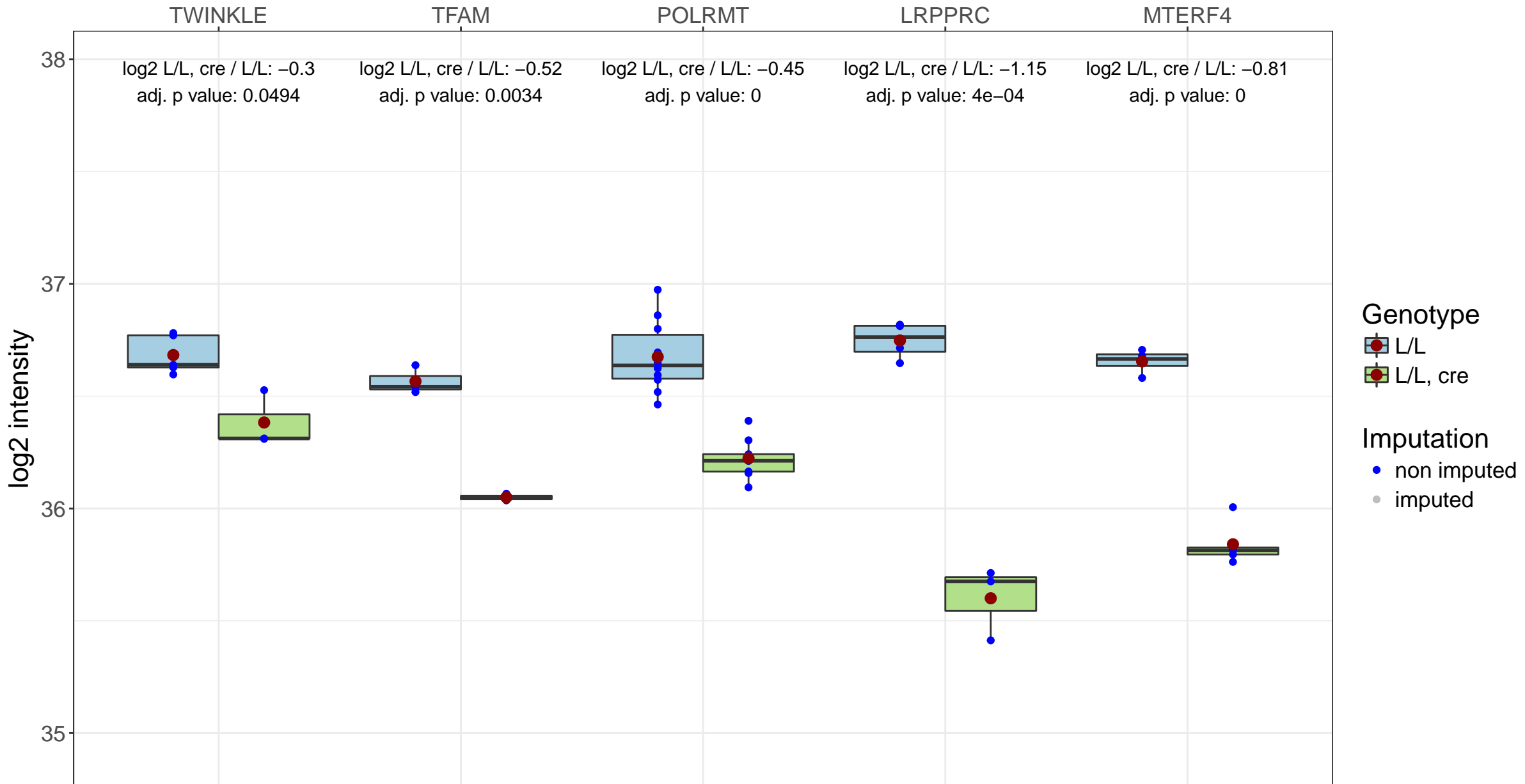
# ATP5E / P56382



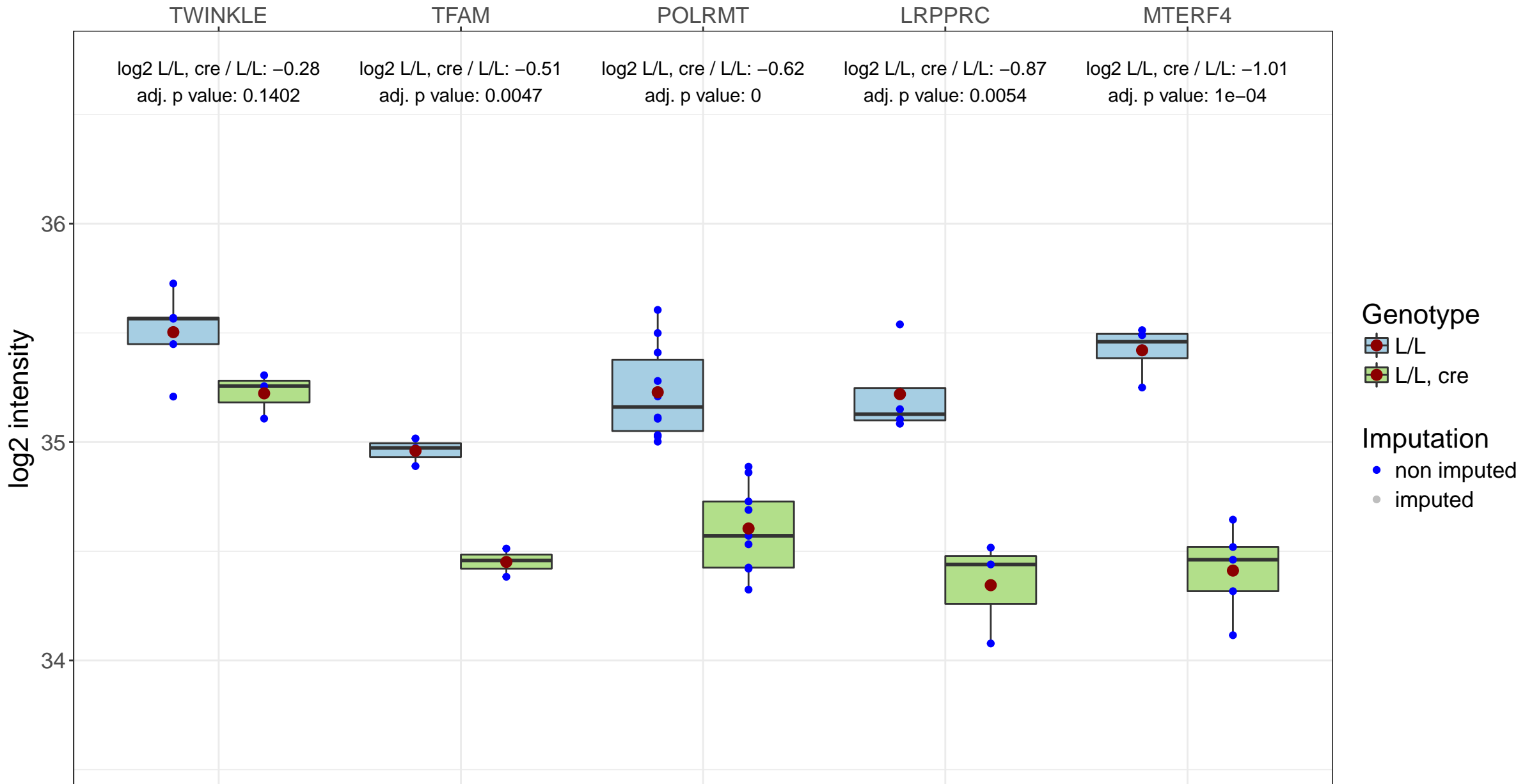
# ATP5F1 / Q9CQQ7



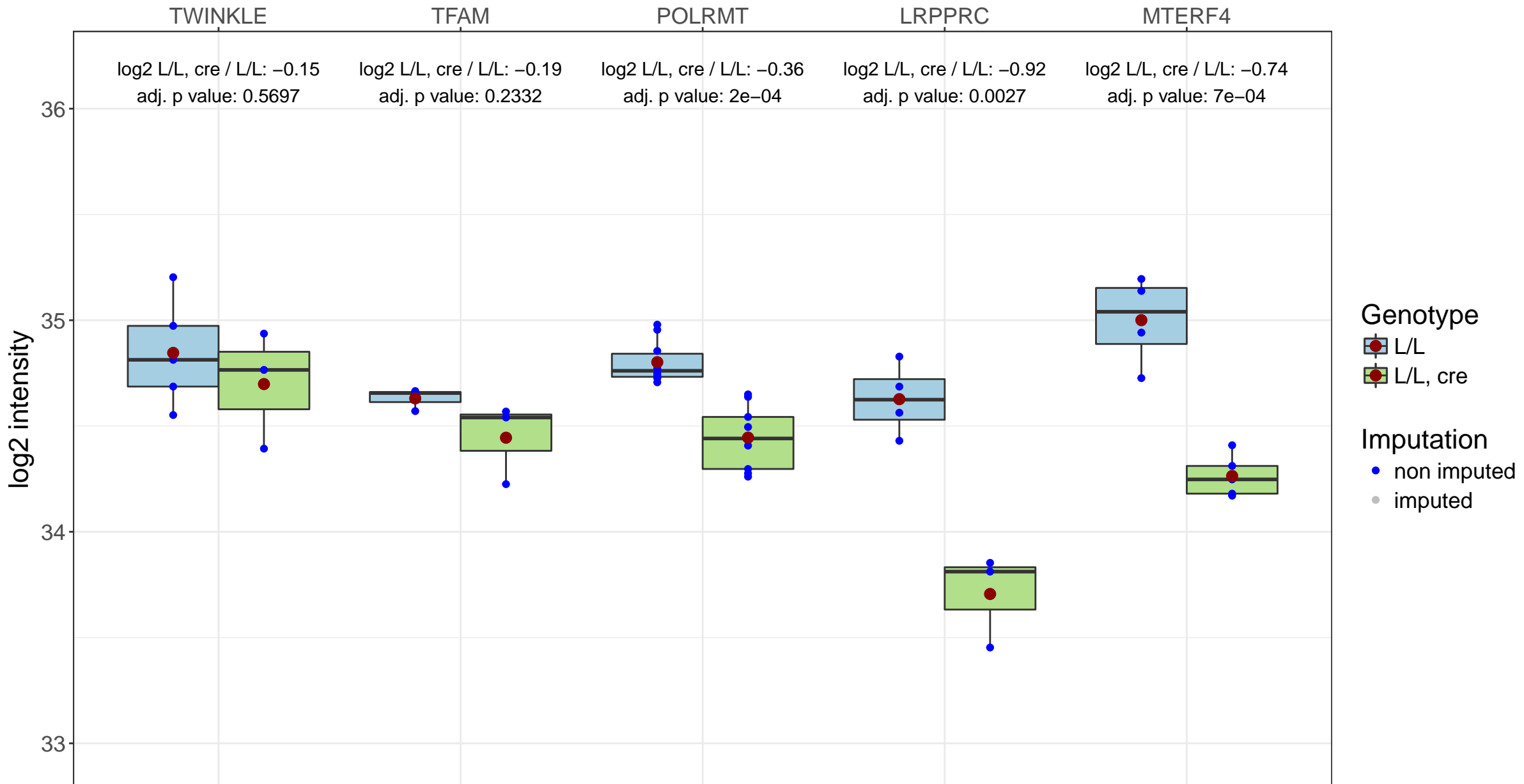
# ATP5H / Q9DCX2



# ATP5I / Q06185

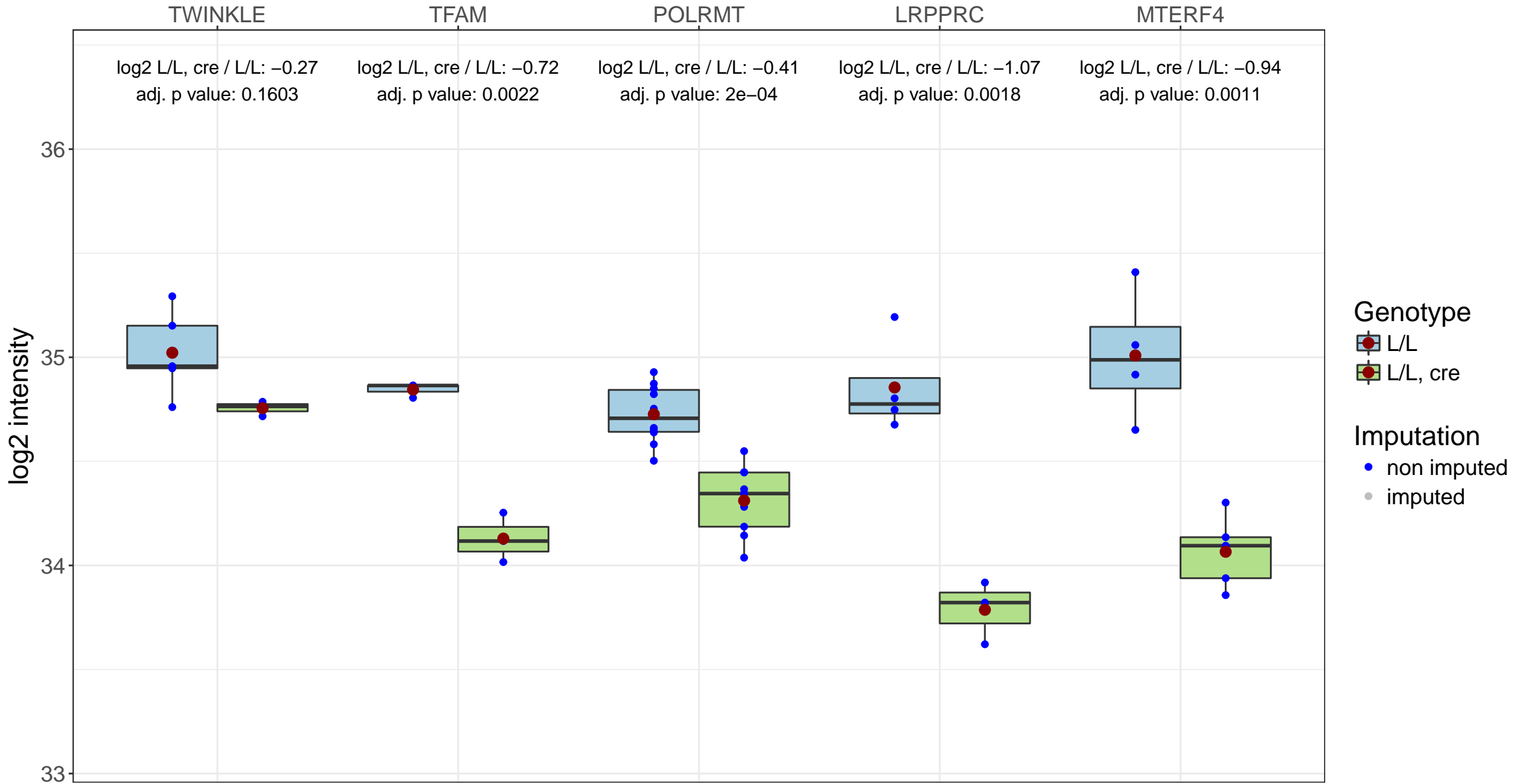


# ATP5J / P97450

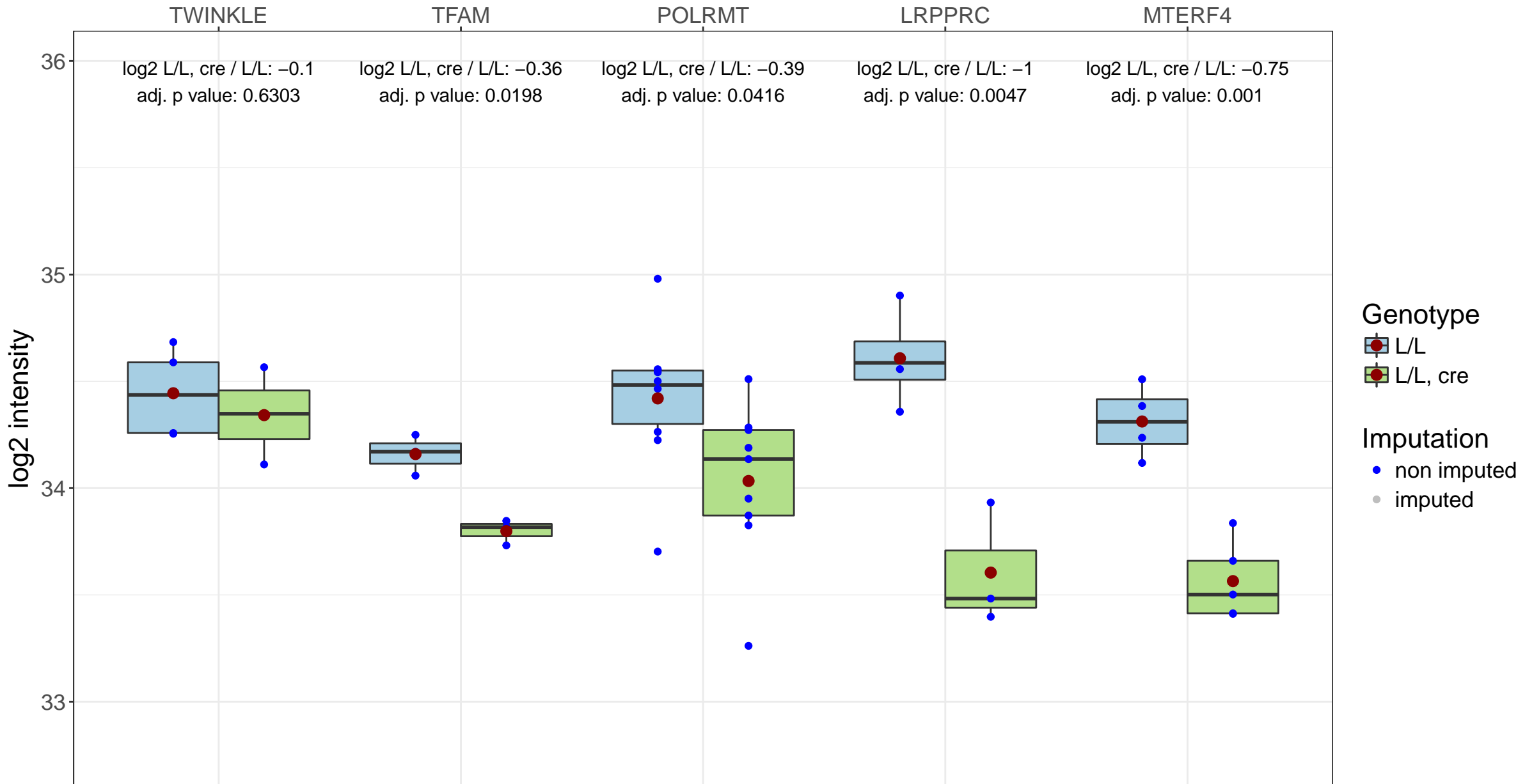




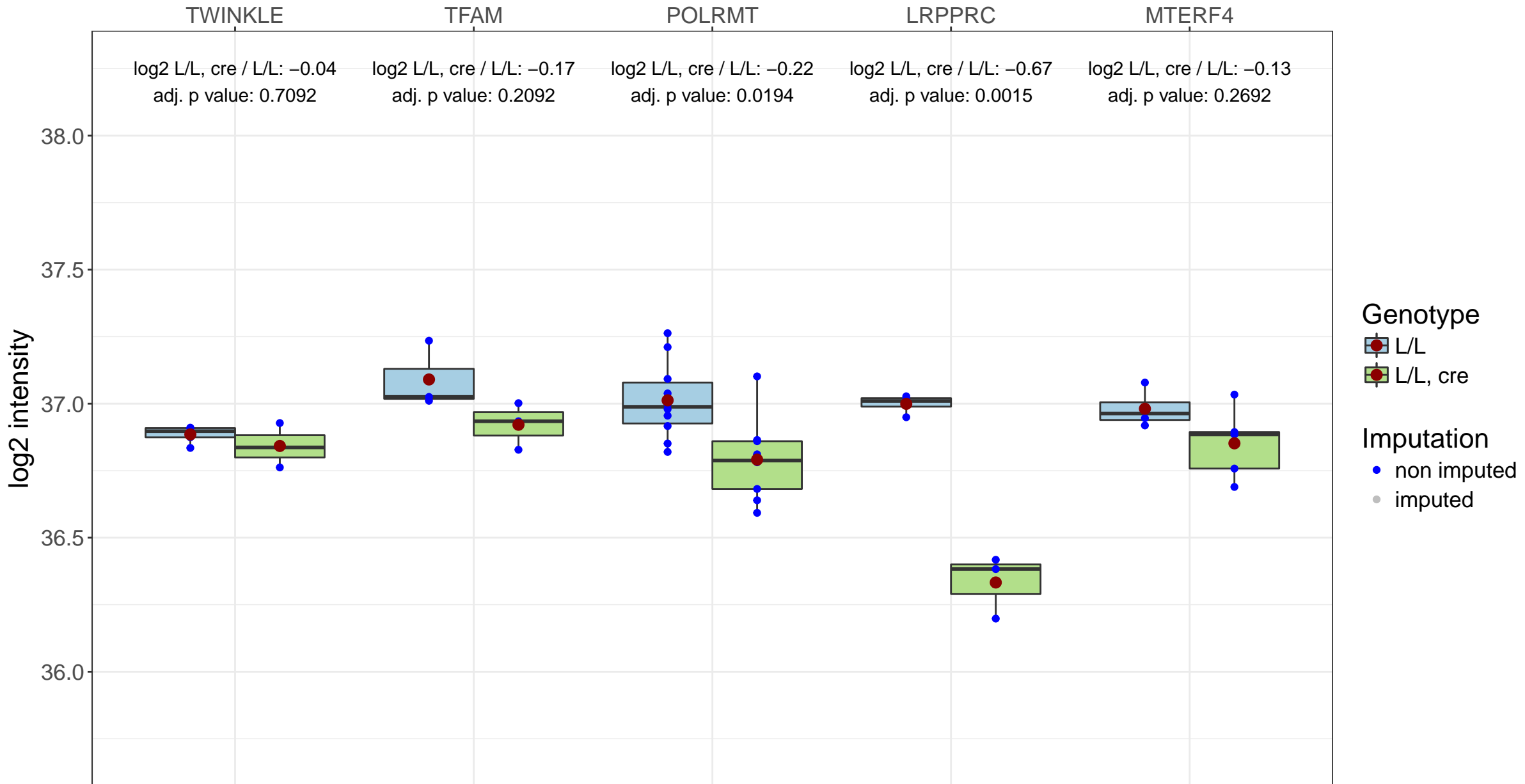
# ATP5J2 / P56135



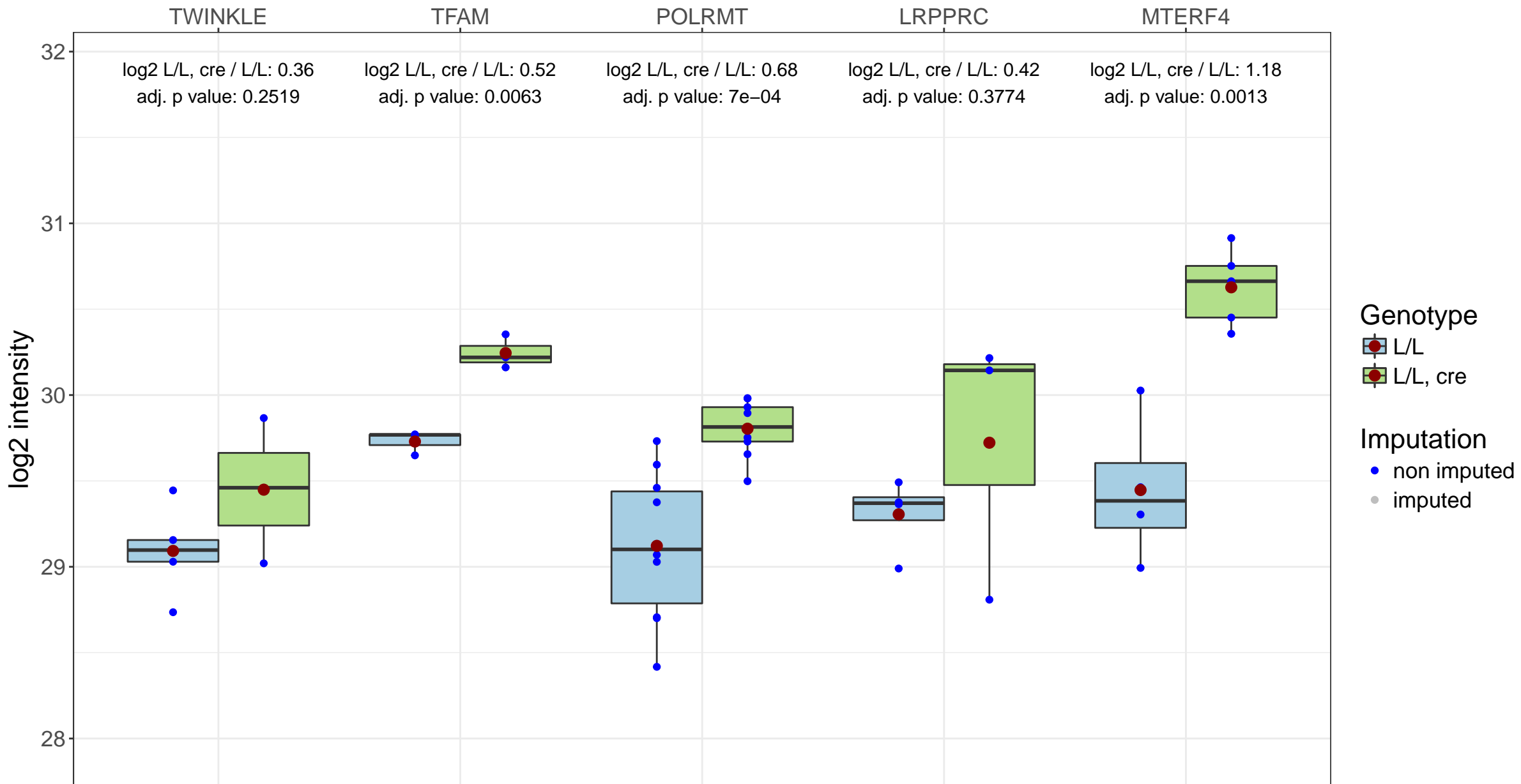
# ATP5L / Q9CPQ8



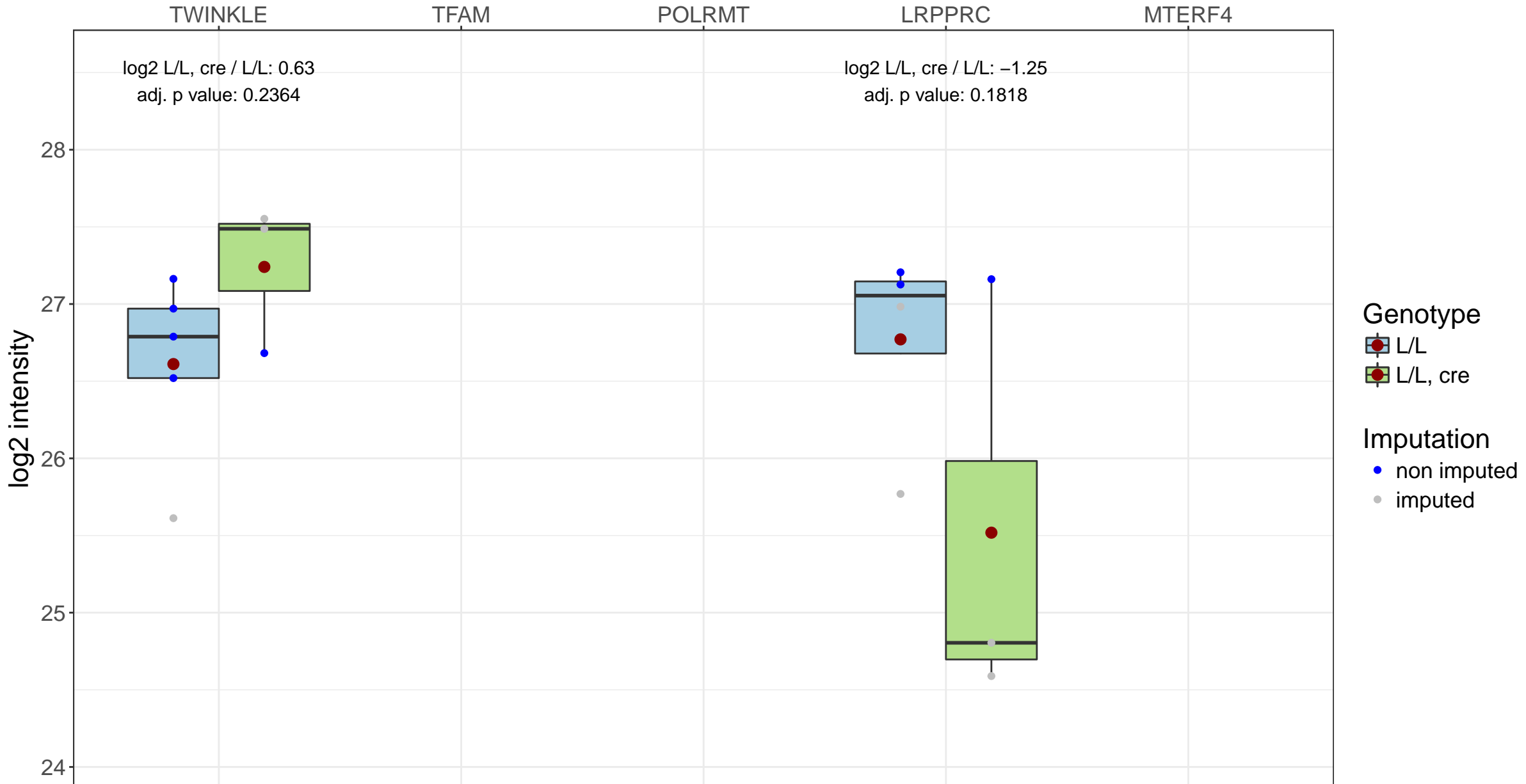
# ATP50 / Q9DB20



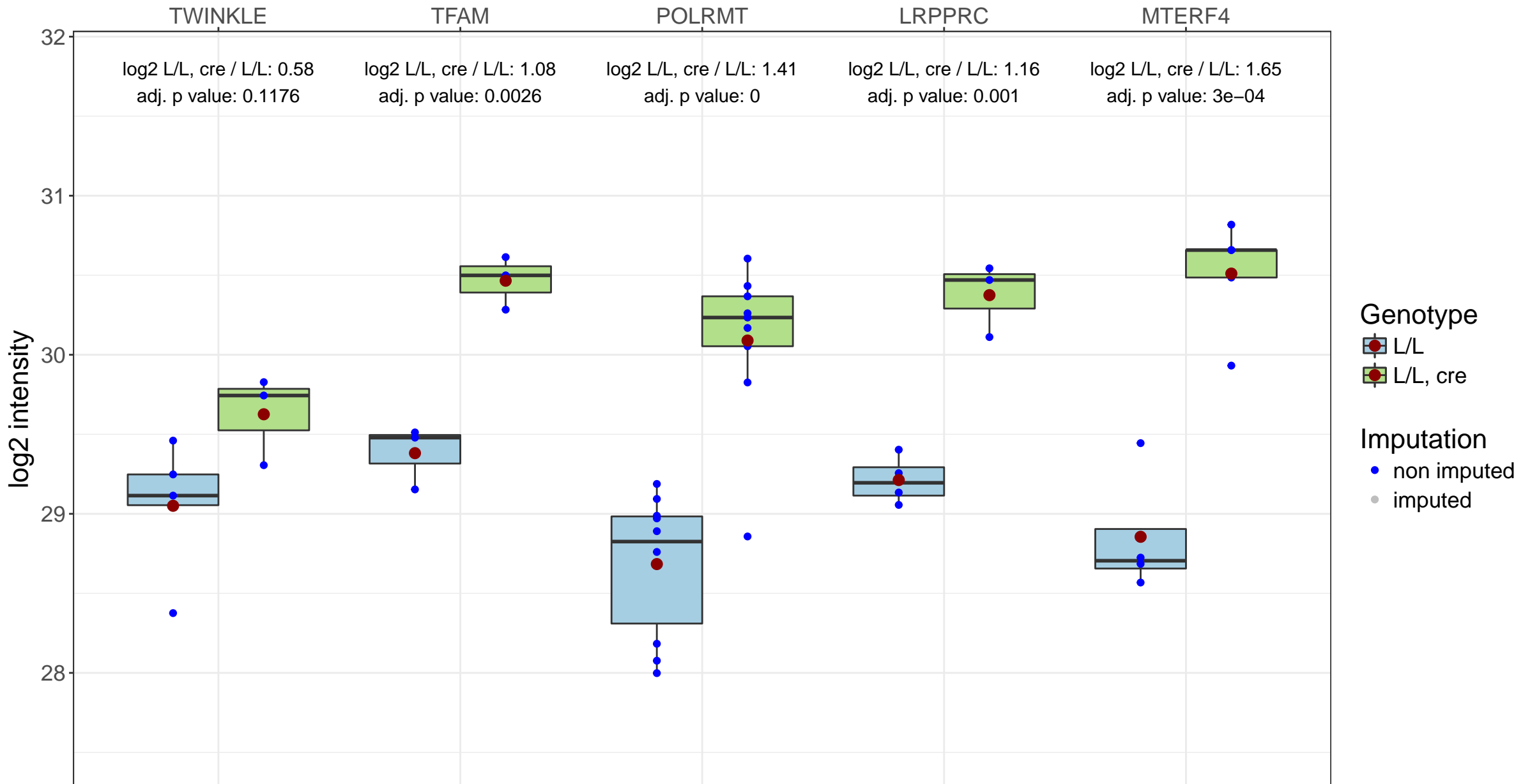
# ATP5S / Q9CRA7



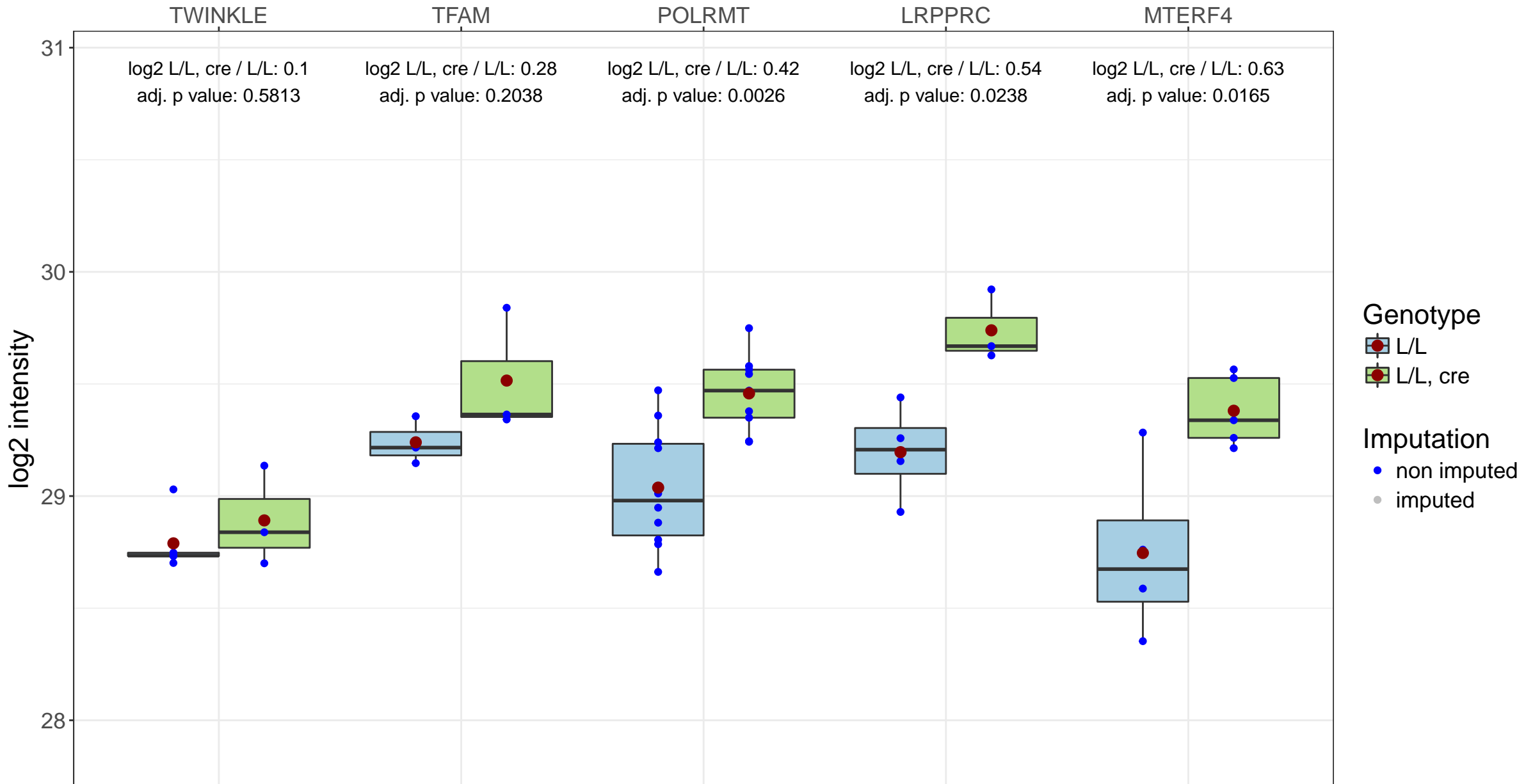
# ATP8B4 / A2ANX3



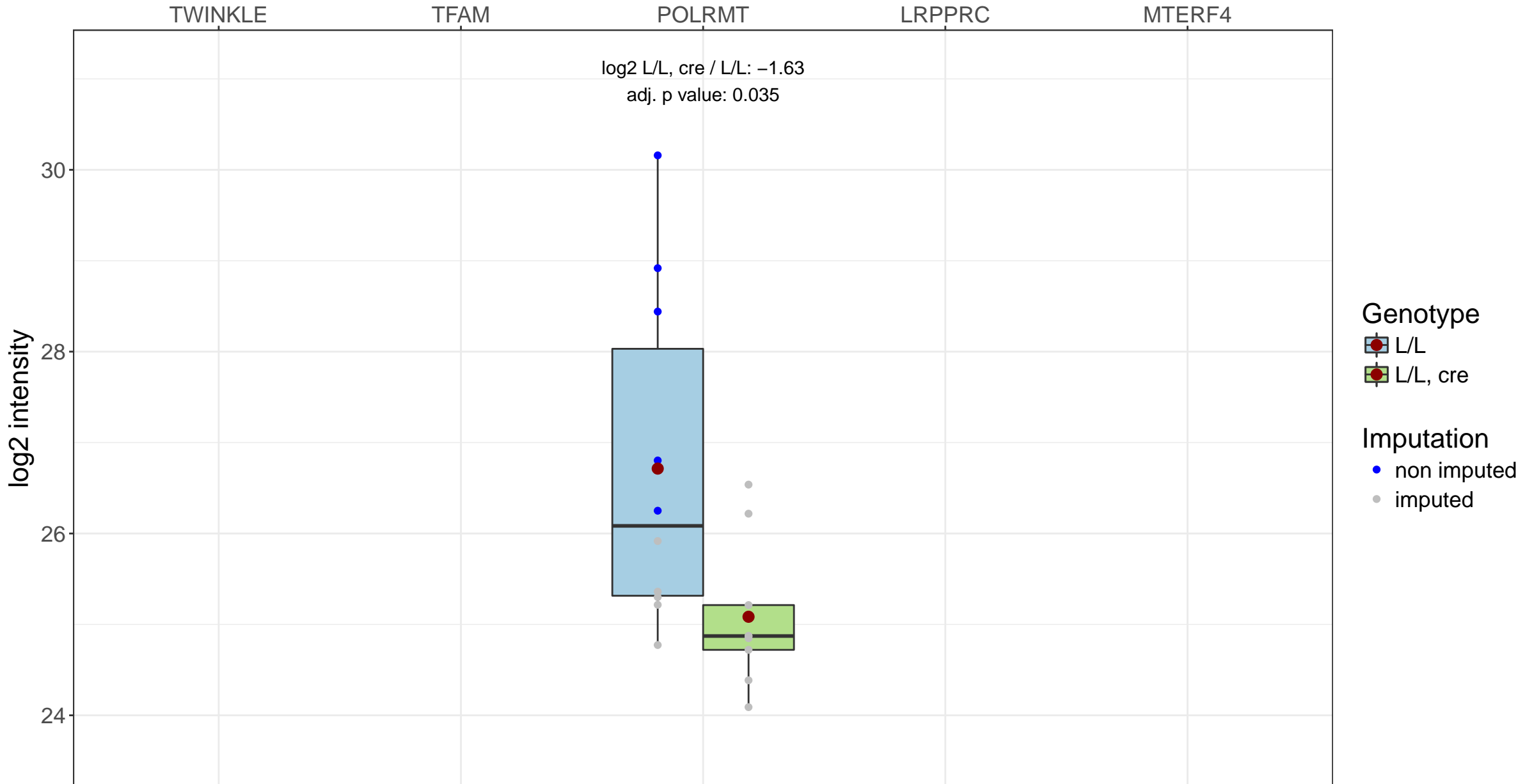
# ATPAF1 / V9GX21



# ATPAF2 / Q91YY4

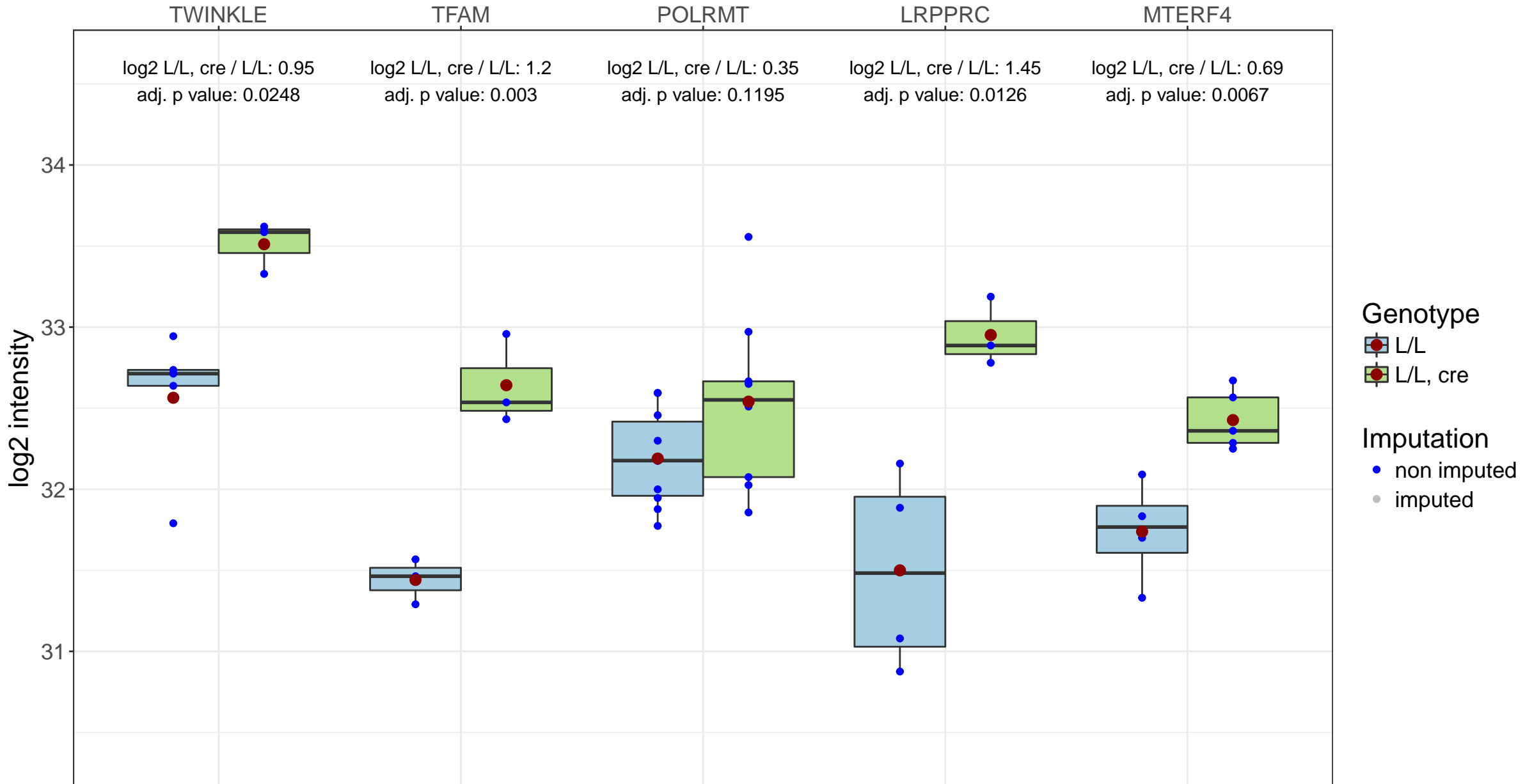


# ATPIF1 / E9PV44

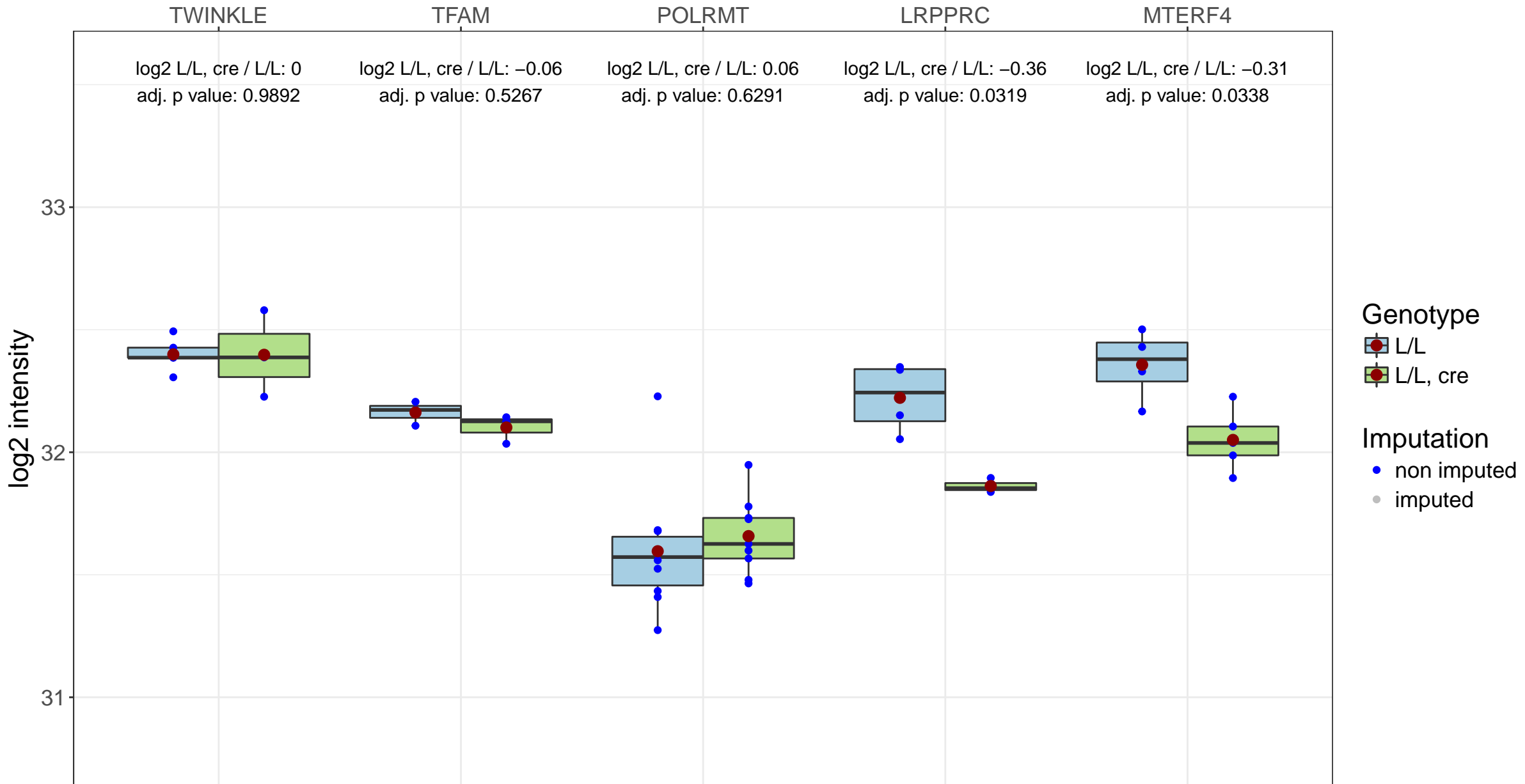




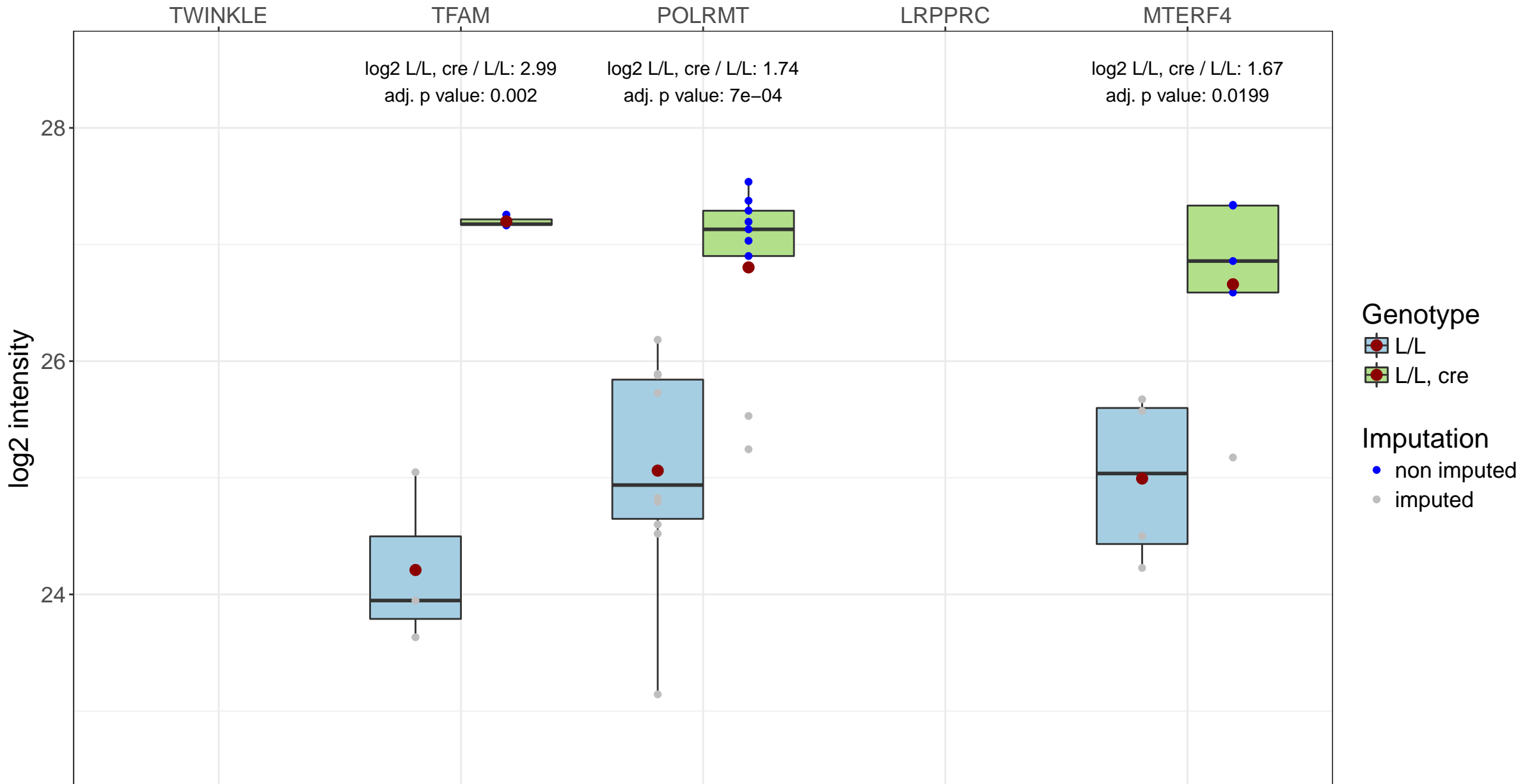
# ATPIF1 / O35143



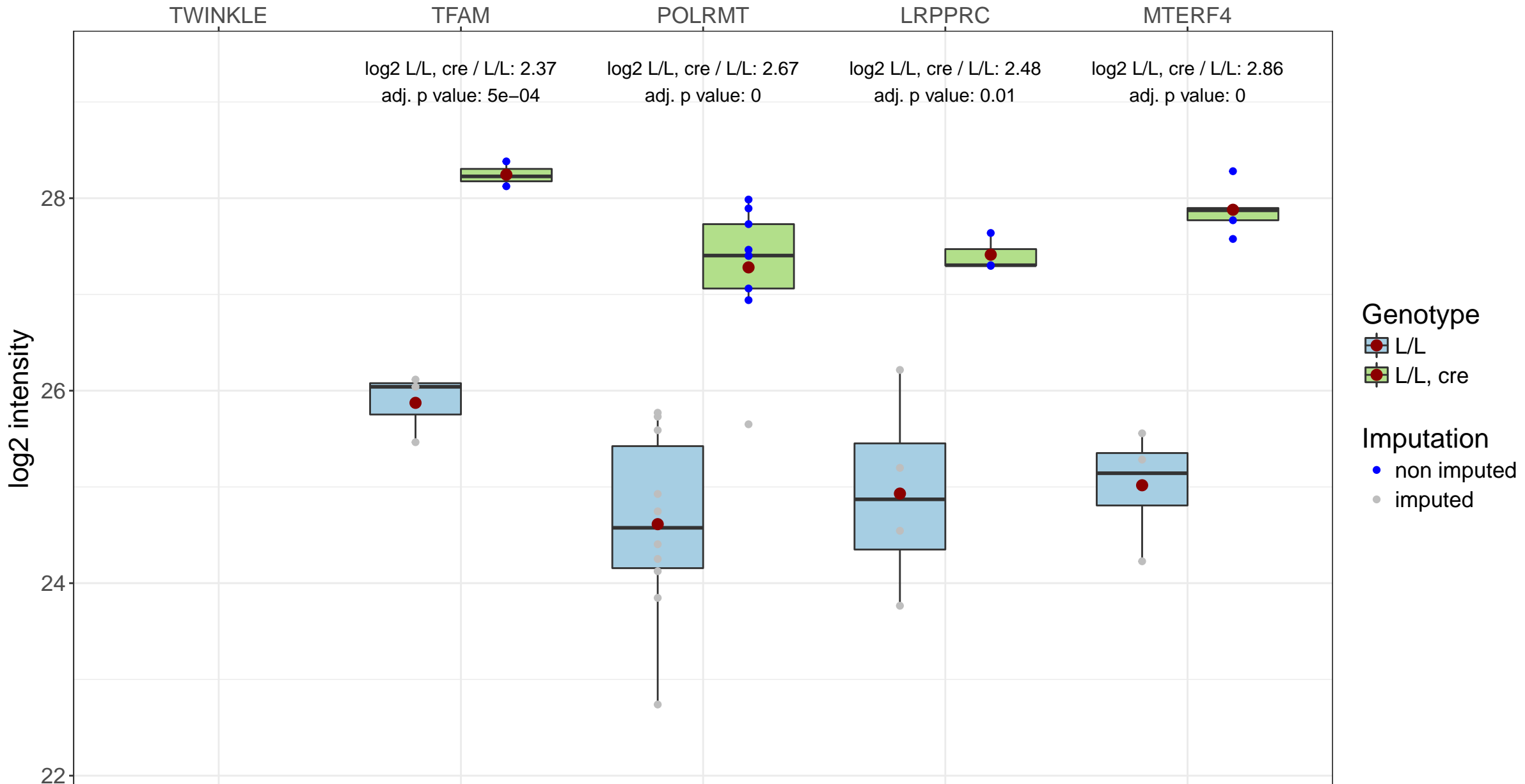
# AUH / Q9JLZ3



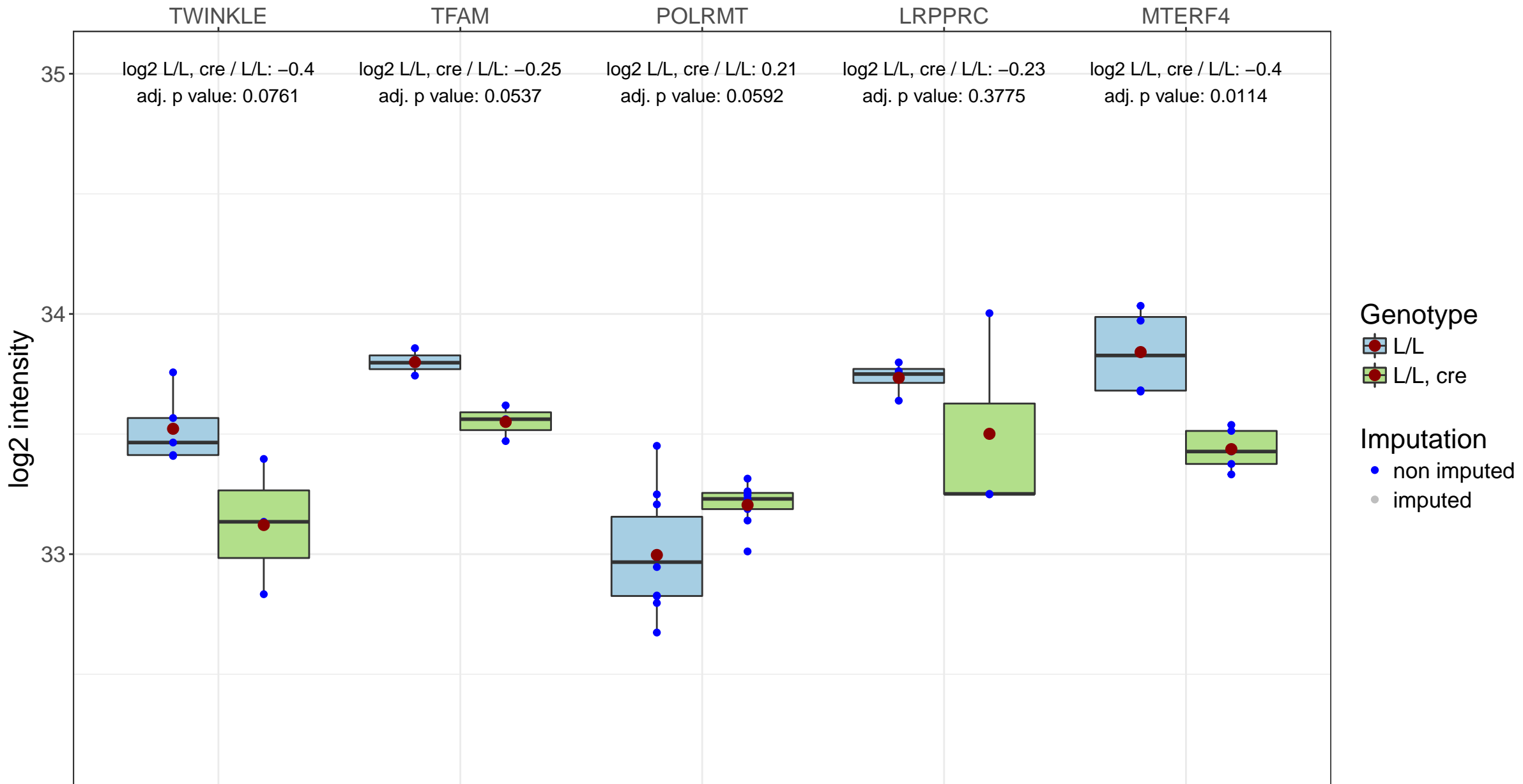
# BAK1 / E9QM21



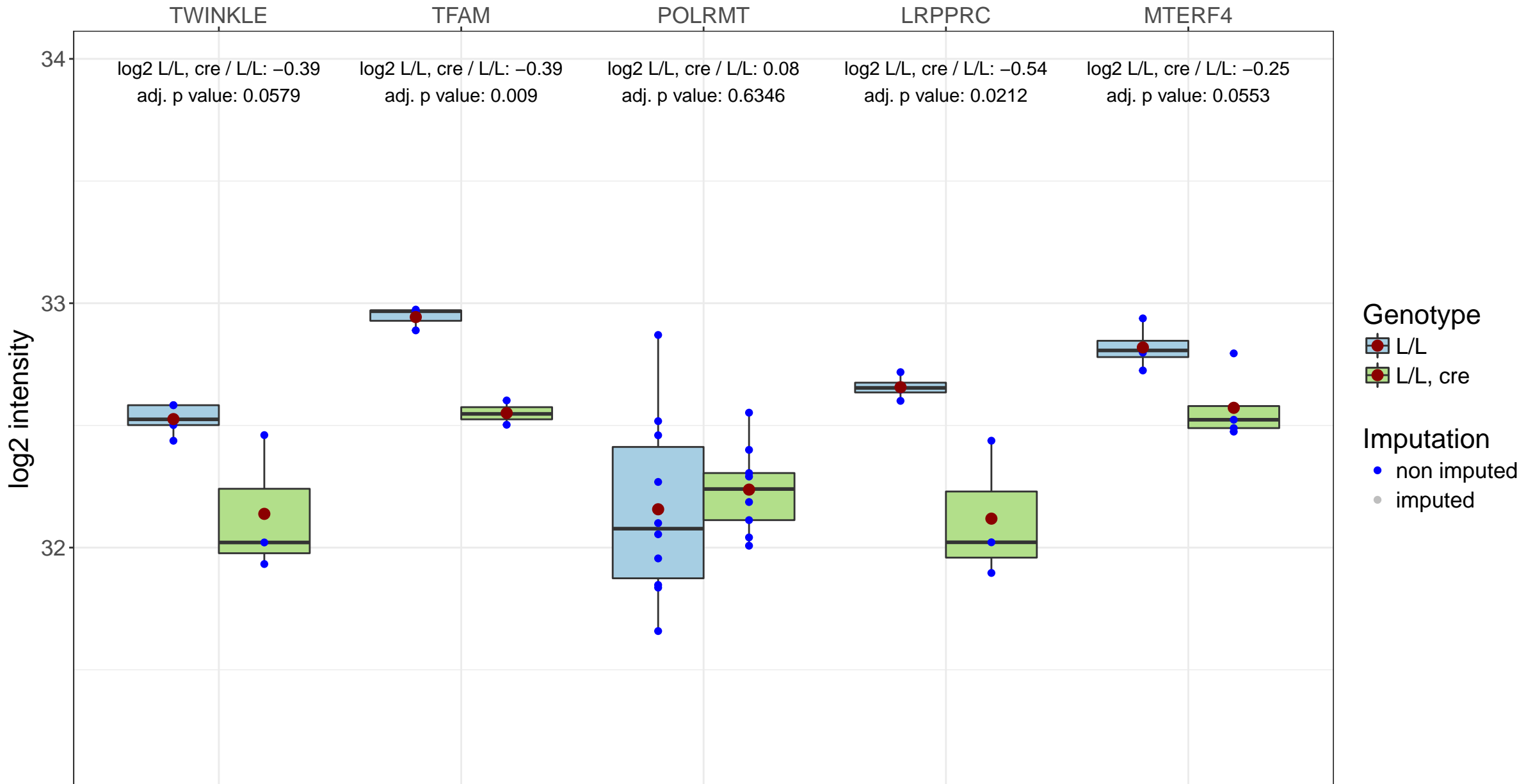
# BAX / Q07813



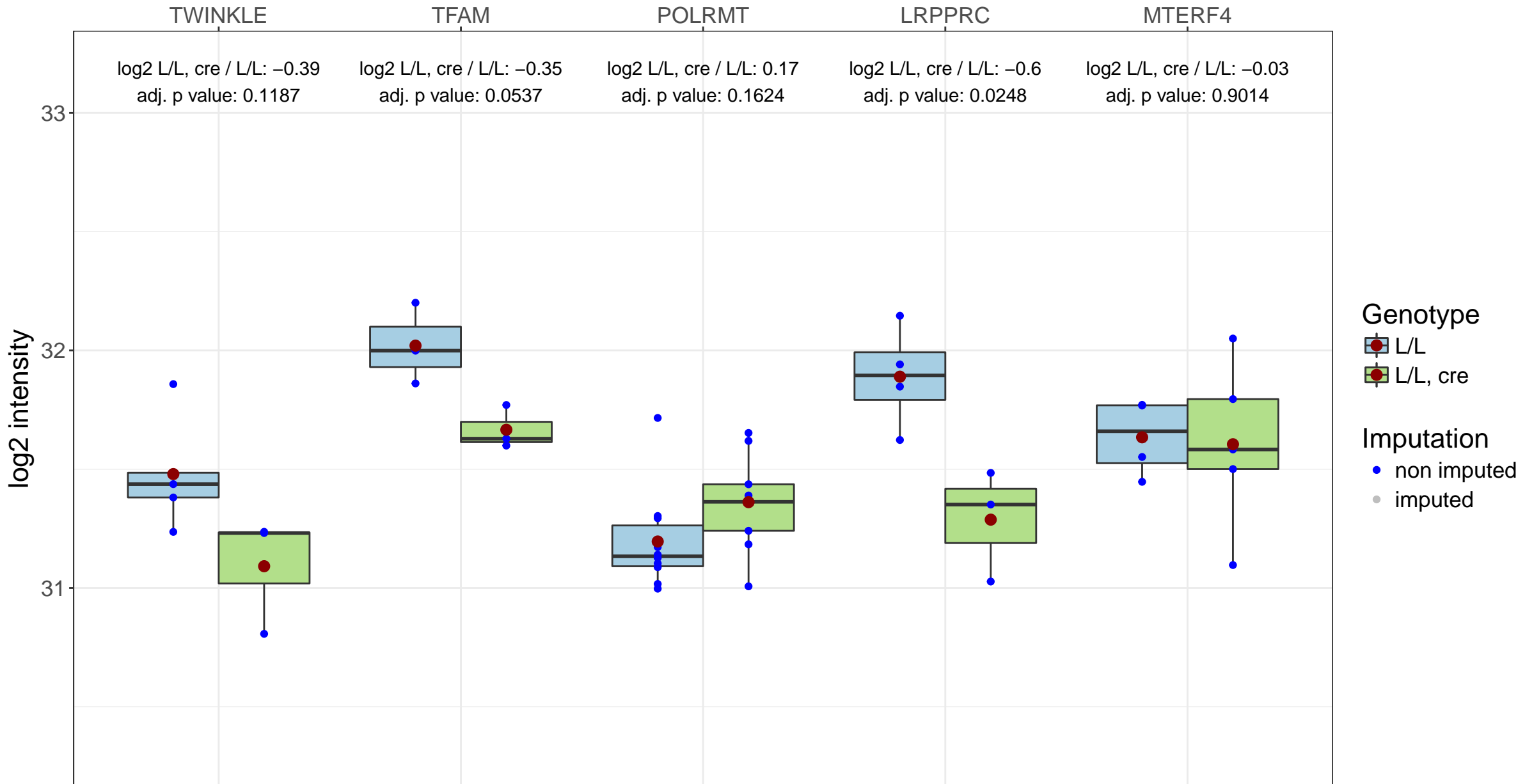
# BCAT2 / O35855



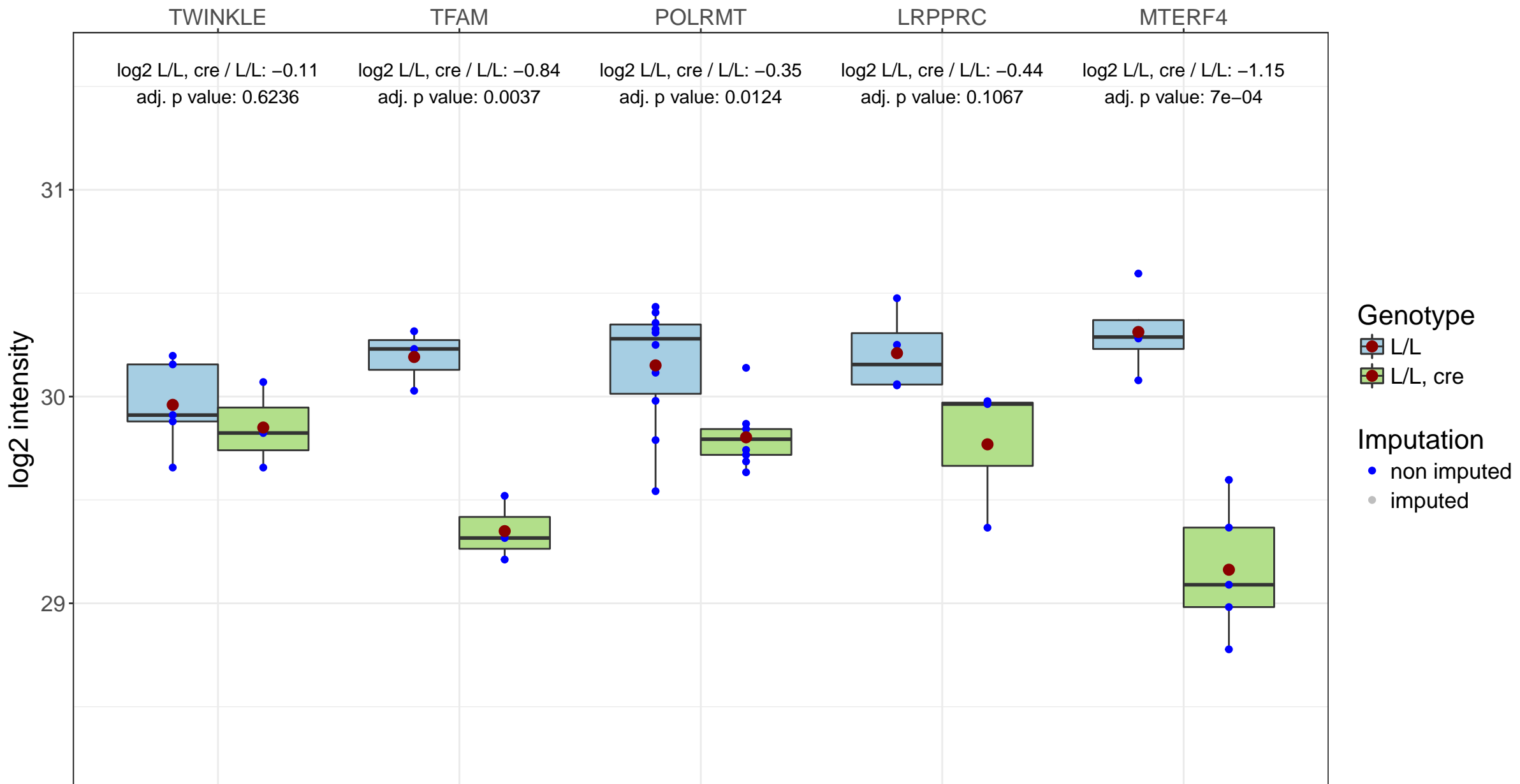
# BCKDHA / Q3U3J1



# BCKDHB / Q6P3A8

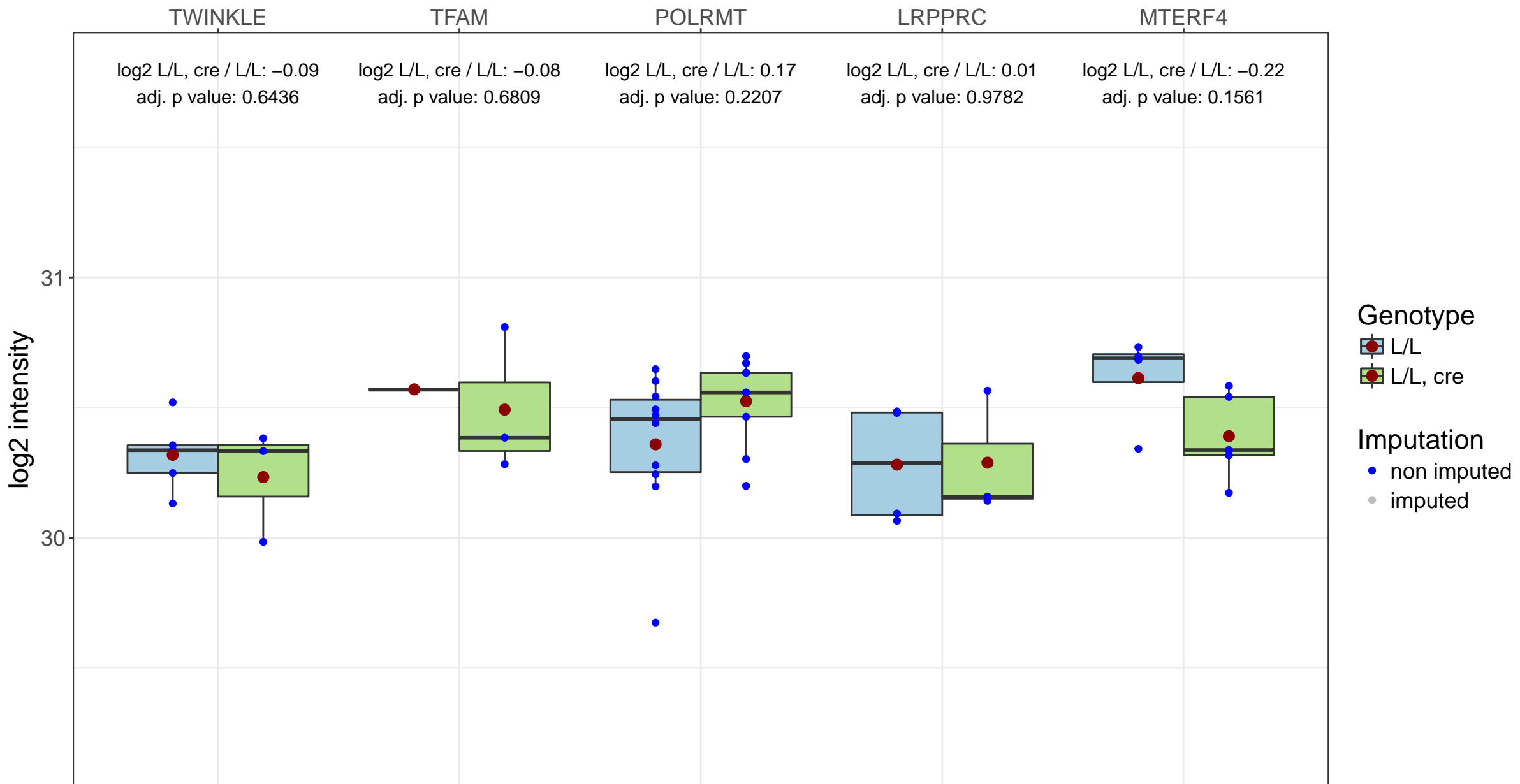


# BCKDK / O55028

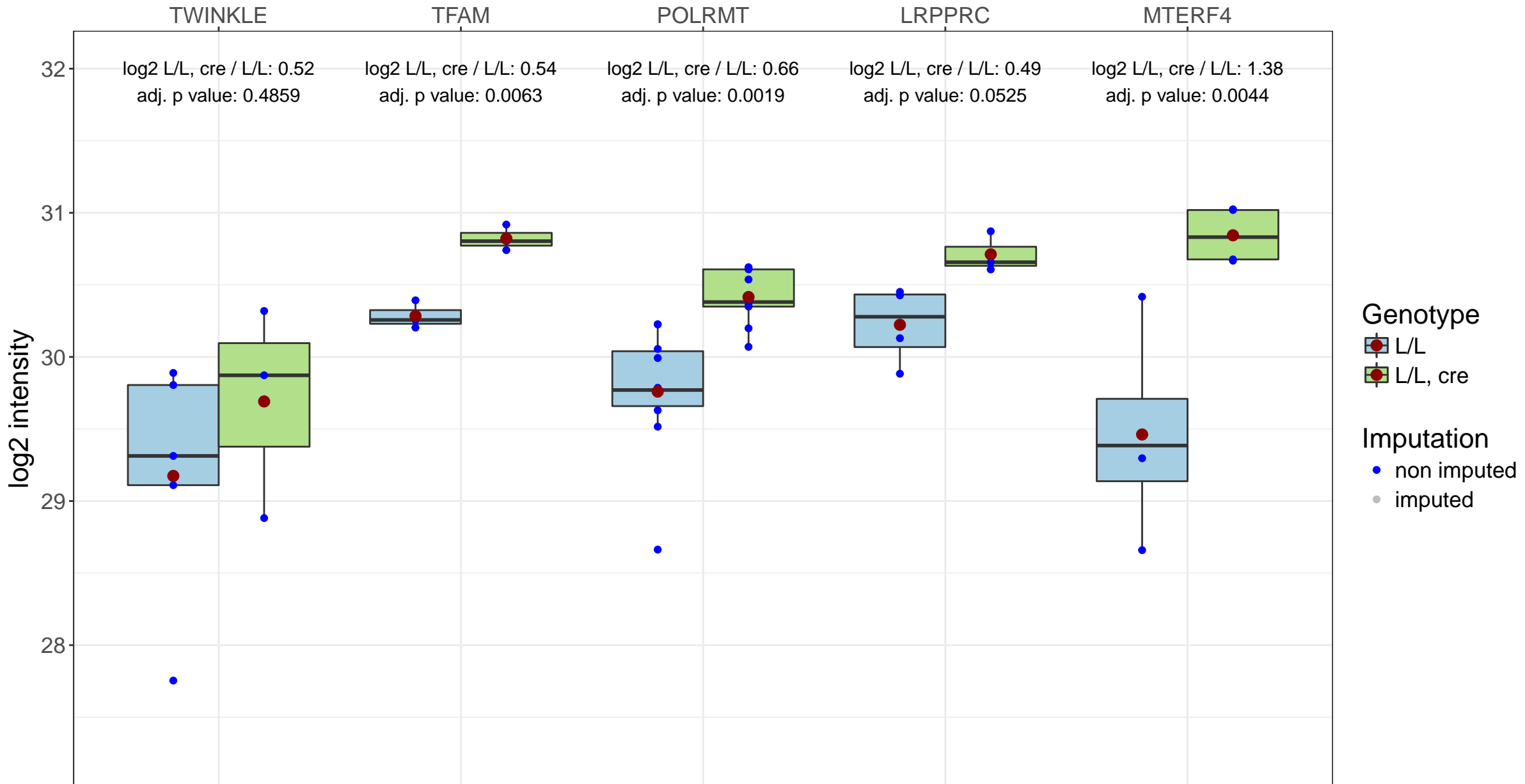




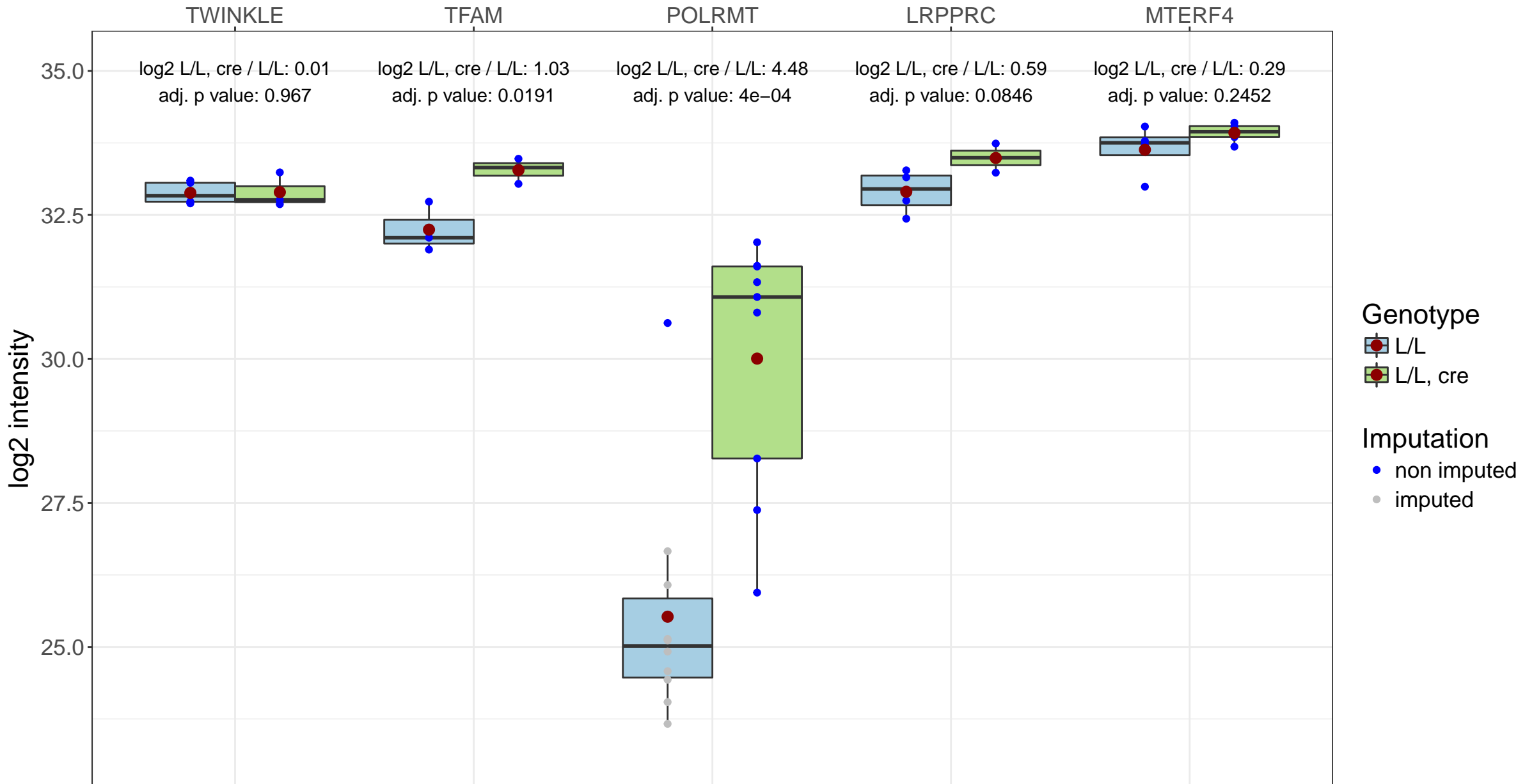
# BCL2L13 / P59017



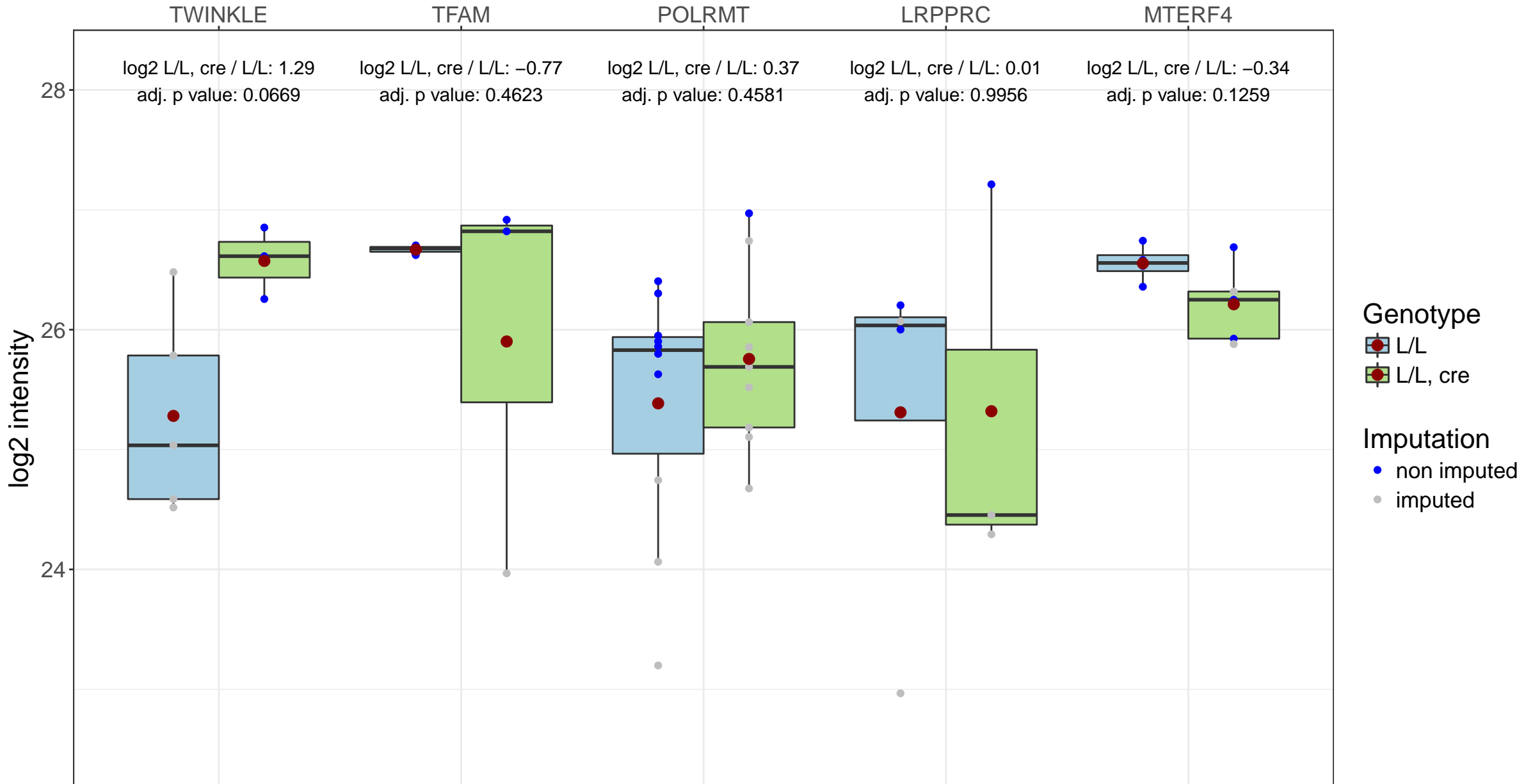
# BCS1L / Q9CZP5



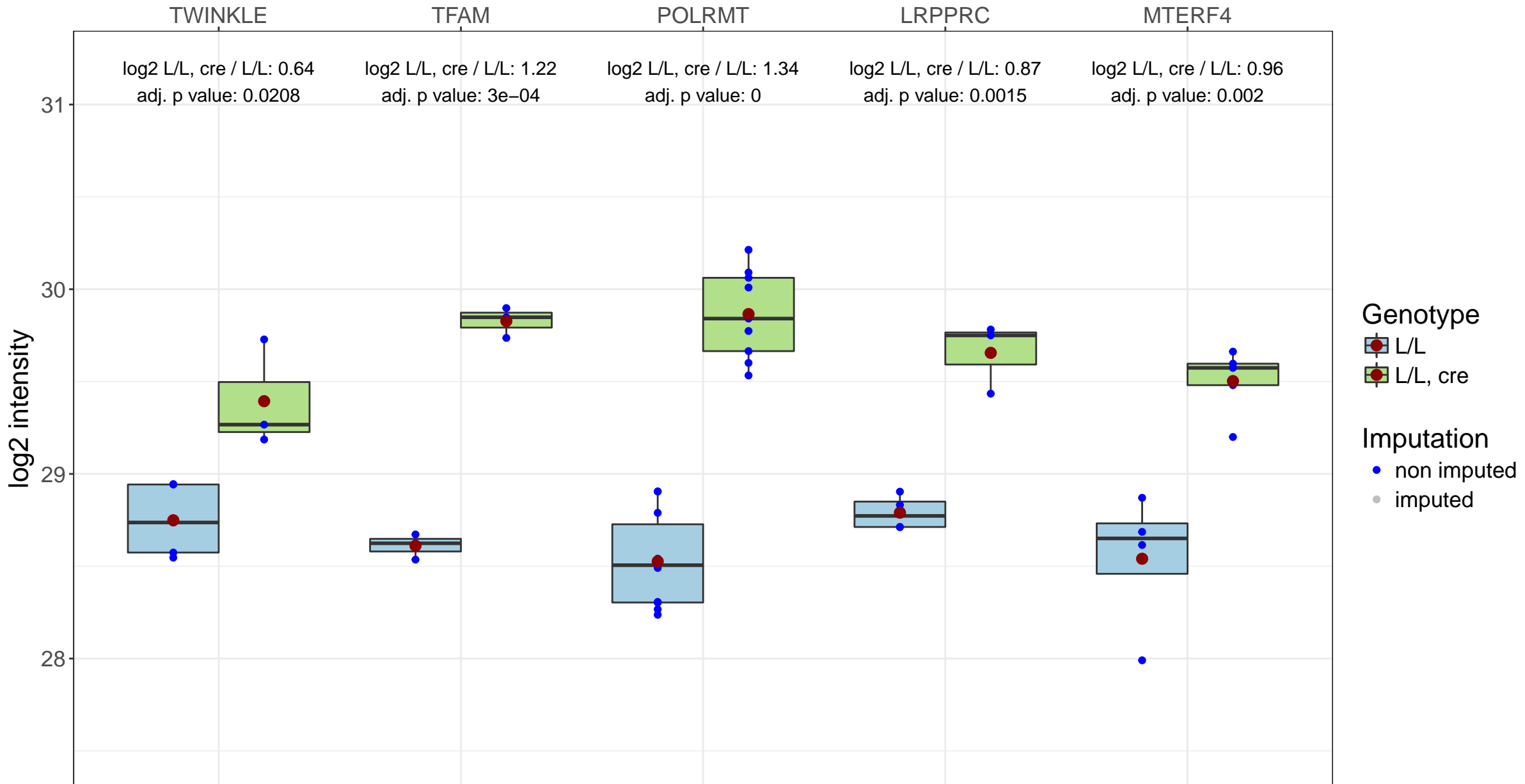
# BDH1 / Q80XN0



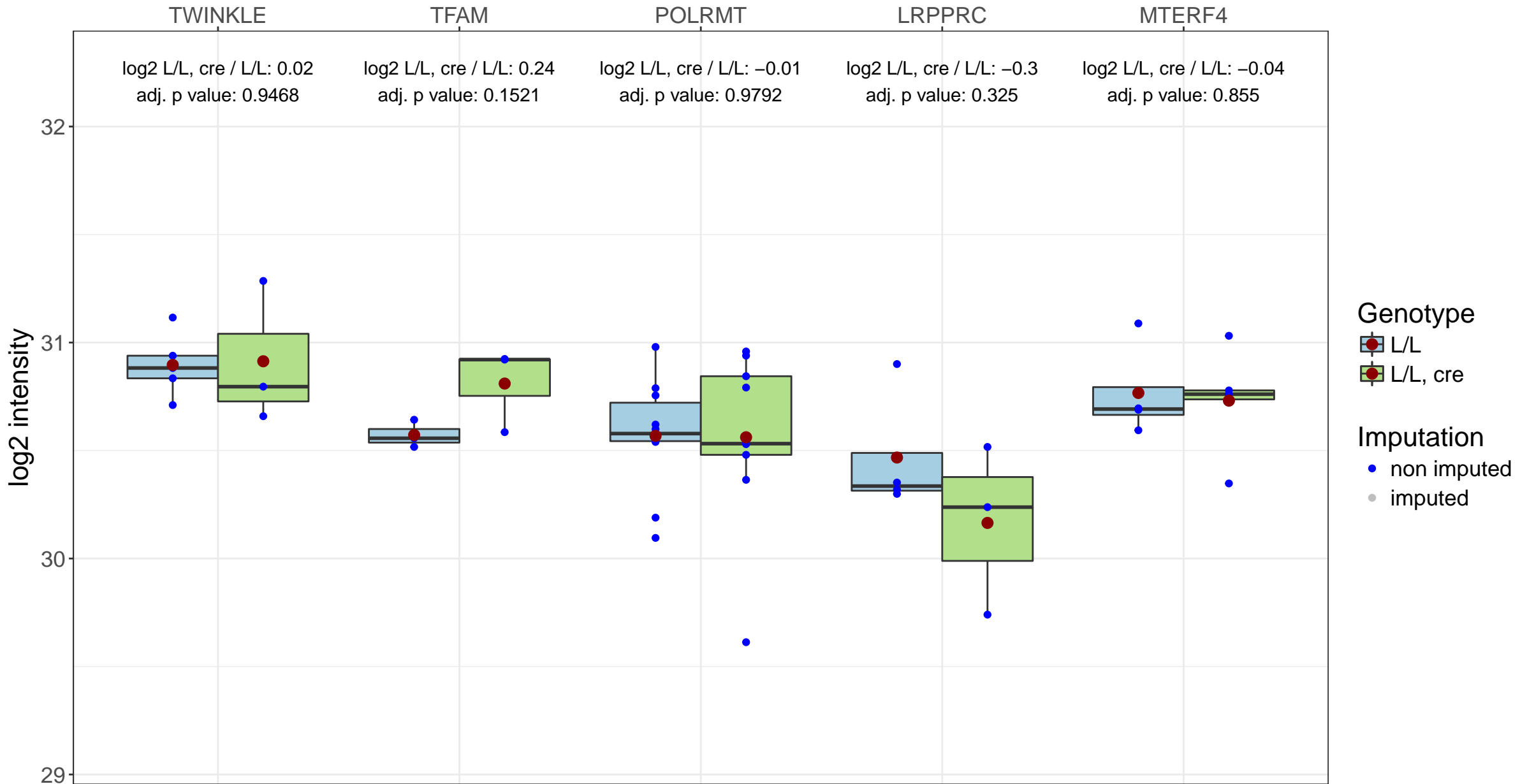
# BNIP3 / O55003



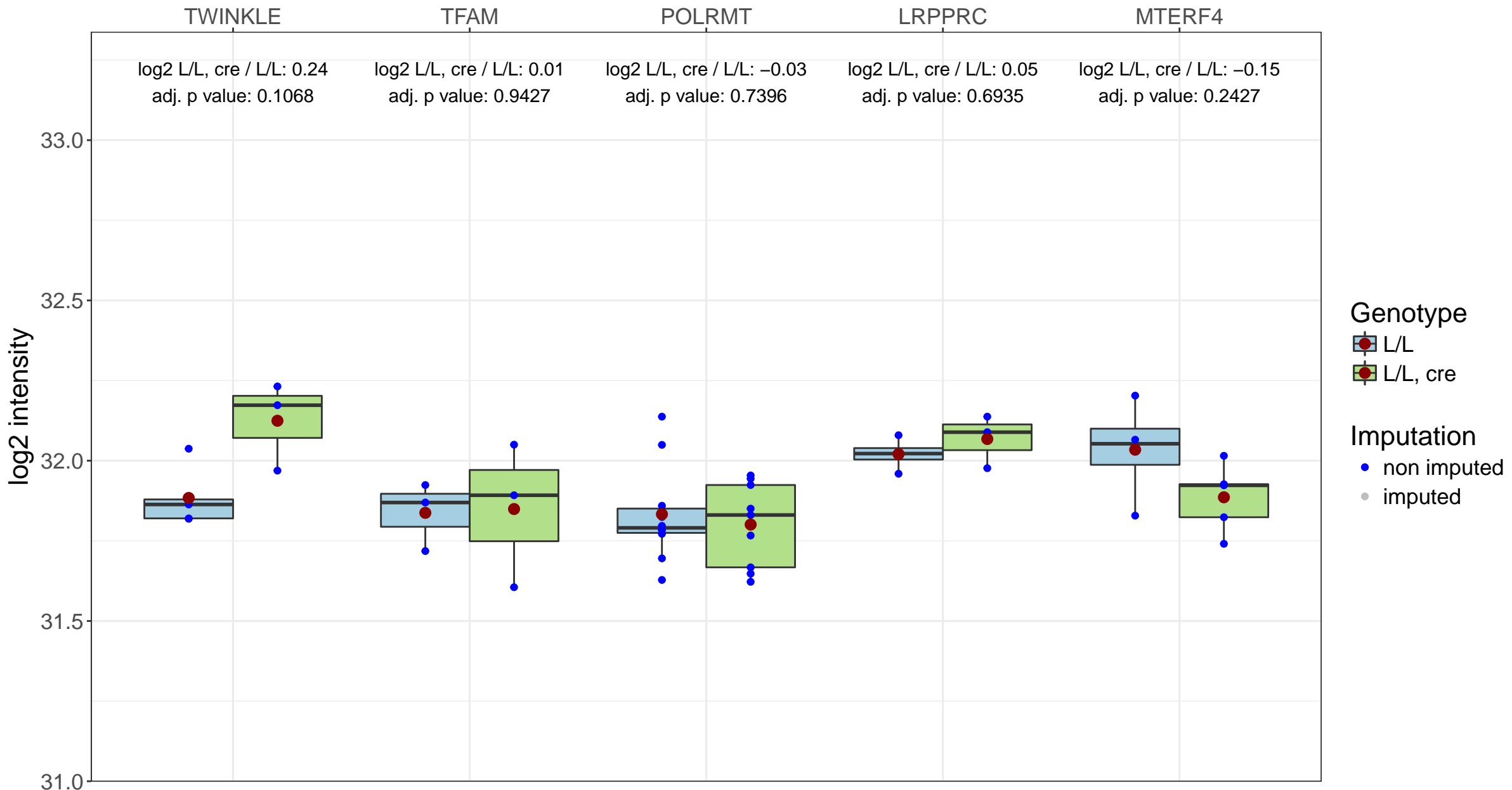
# BOLA1 / Q9D8S9



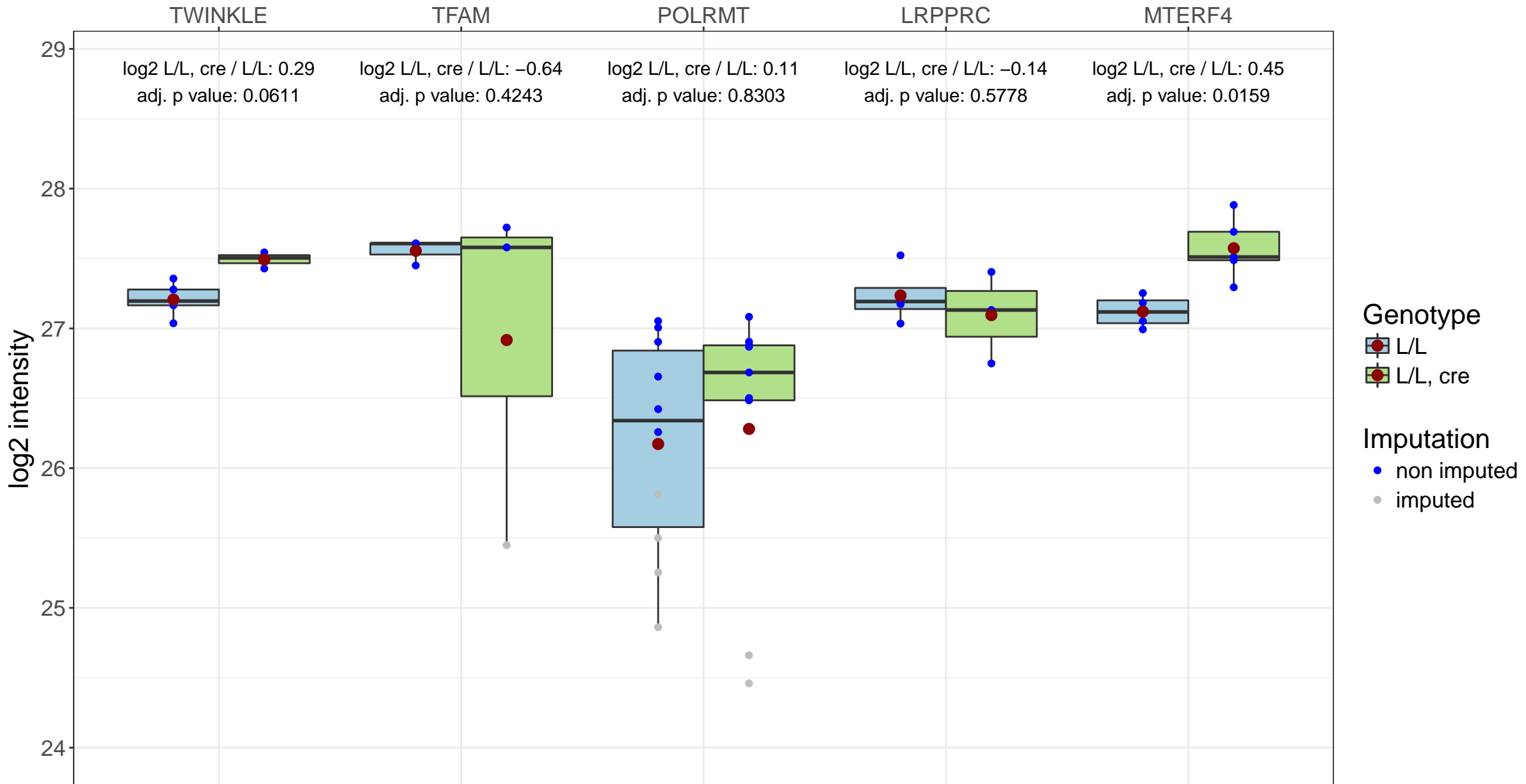
# BOLA3 / E9Q705



# BPHL / Q8R164

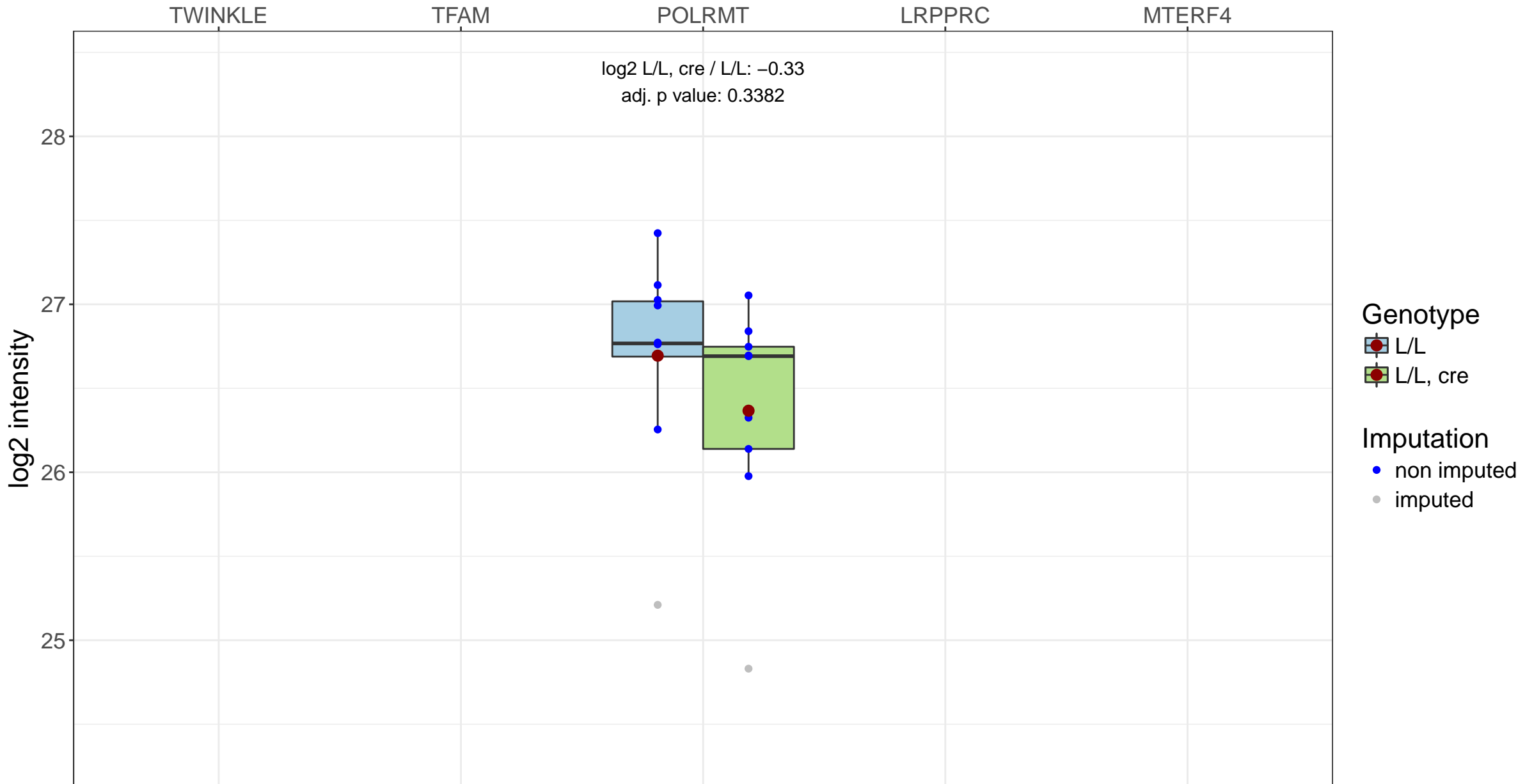


# BPNT1 / Q9Z0S1

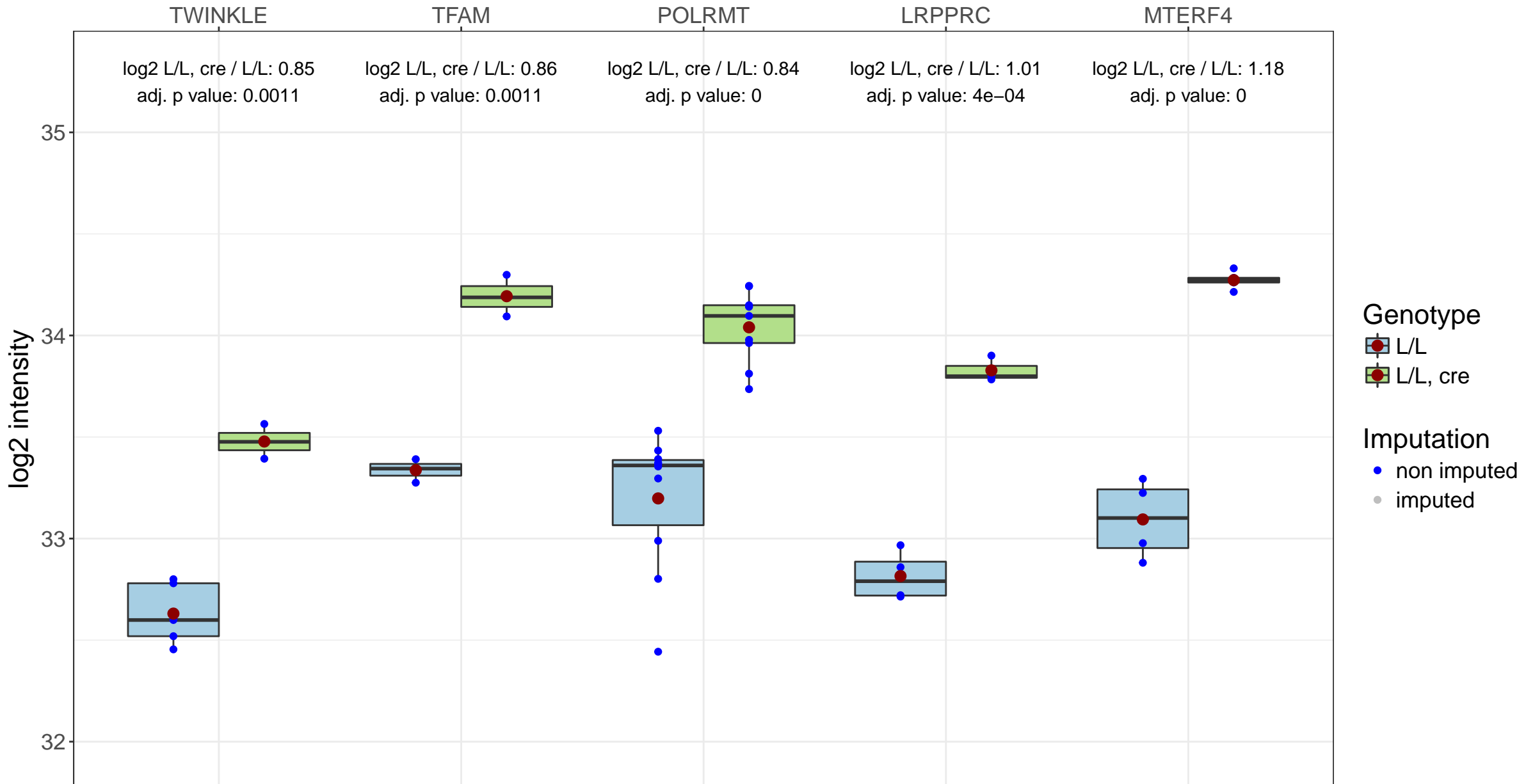




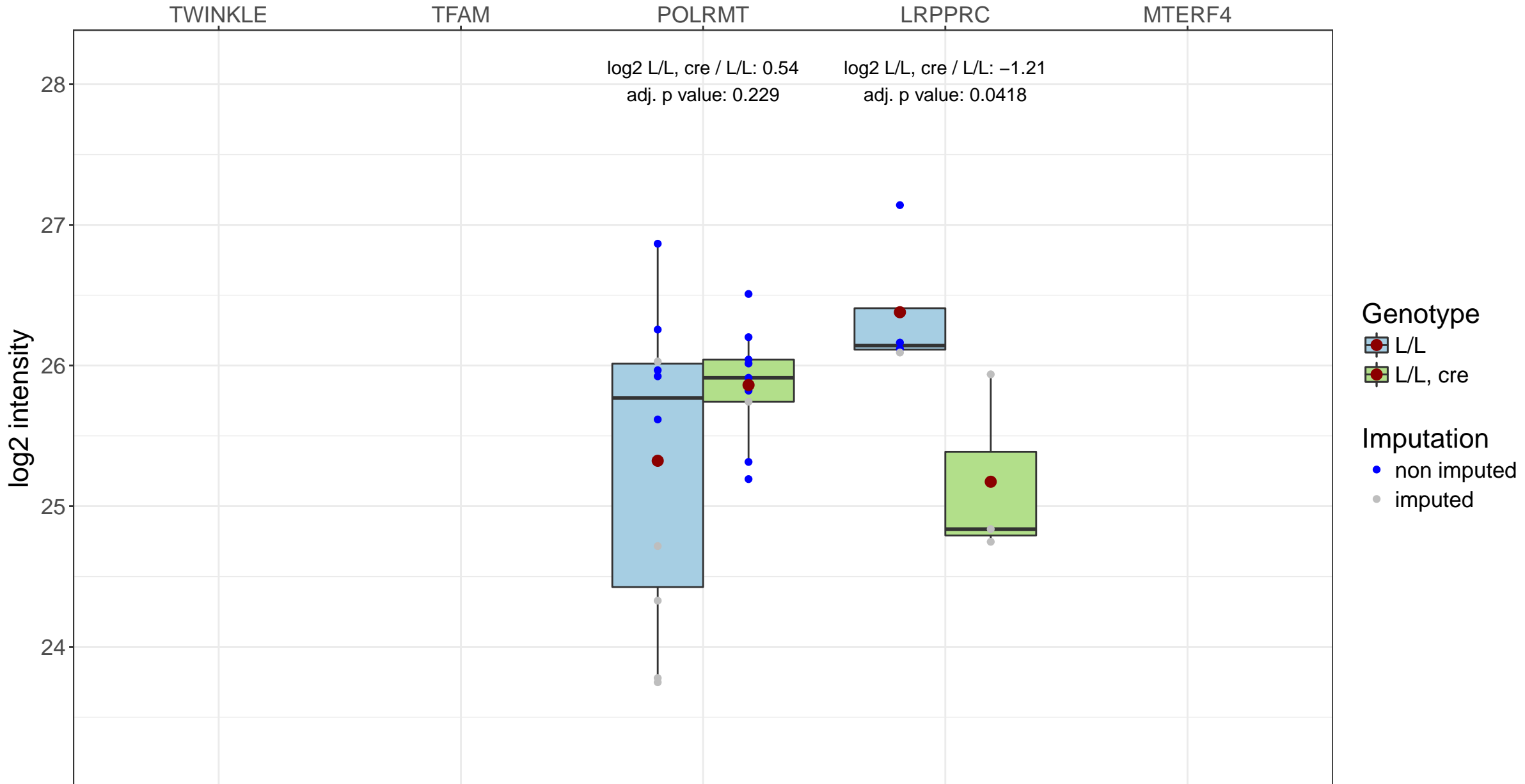
# BSG / K3W4Q8



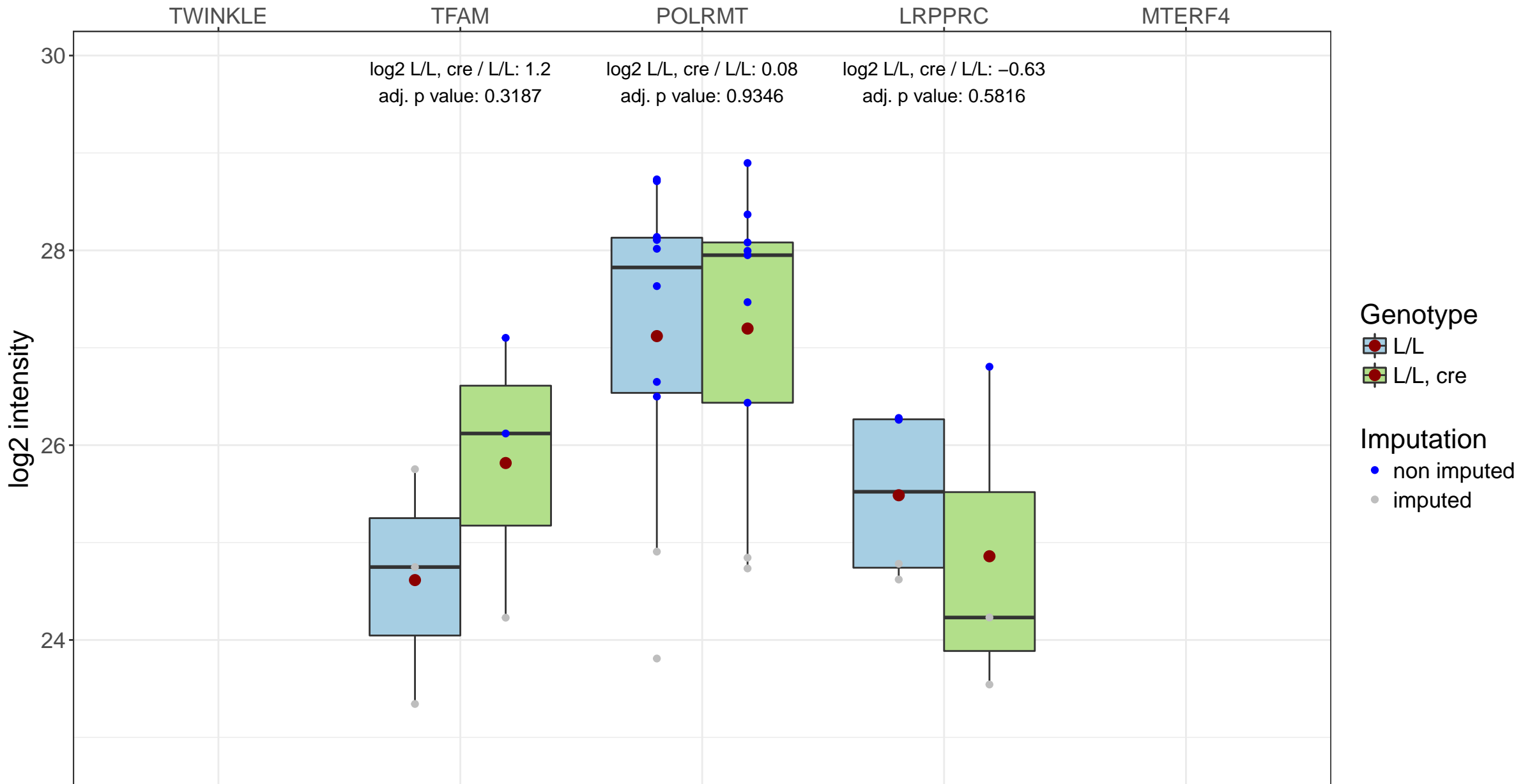
# C1QBP / Q8R5L1



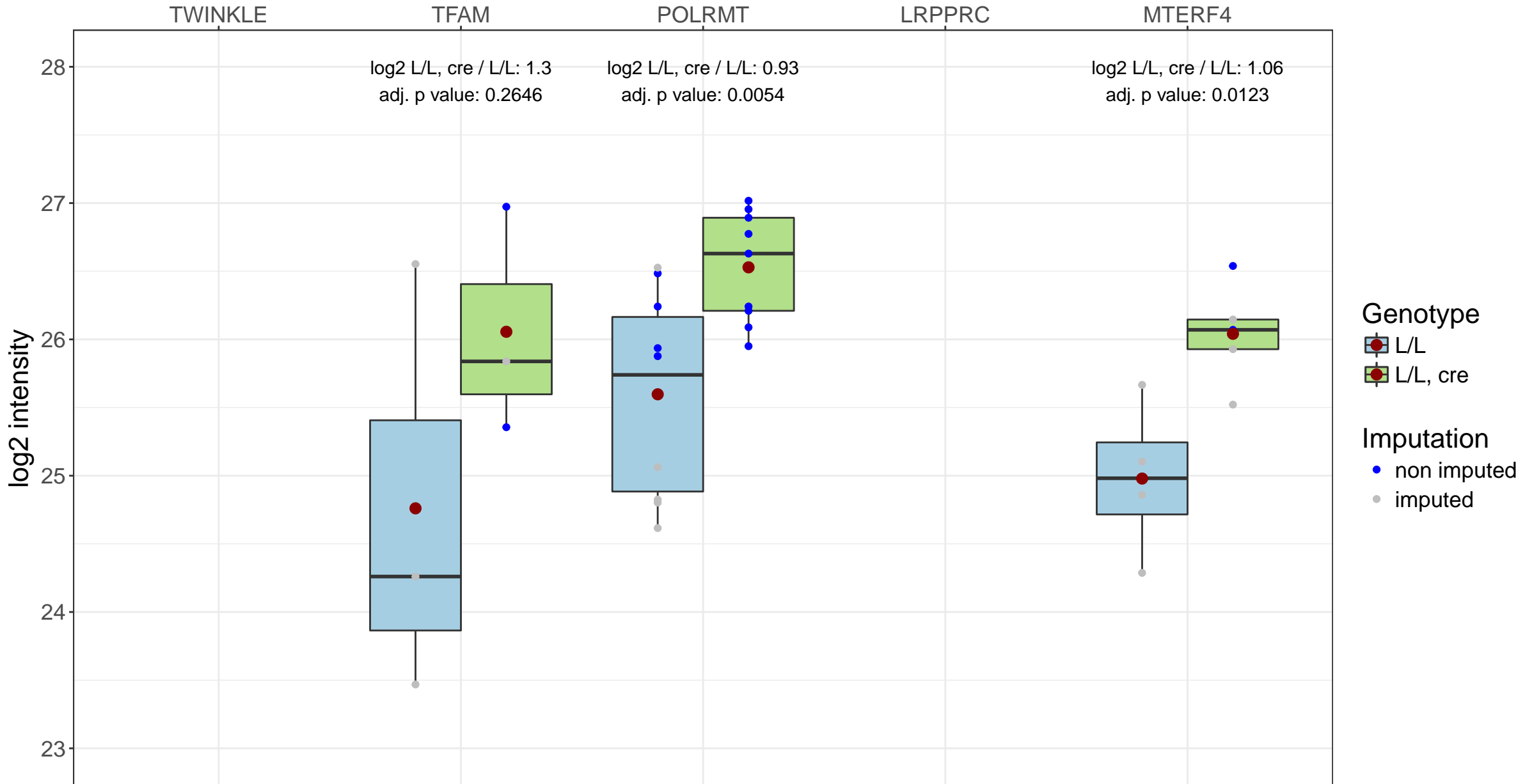
# CALM1 / P62204



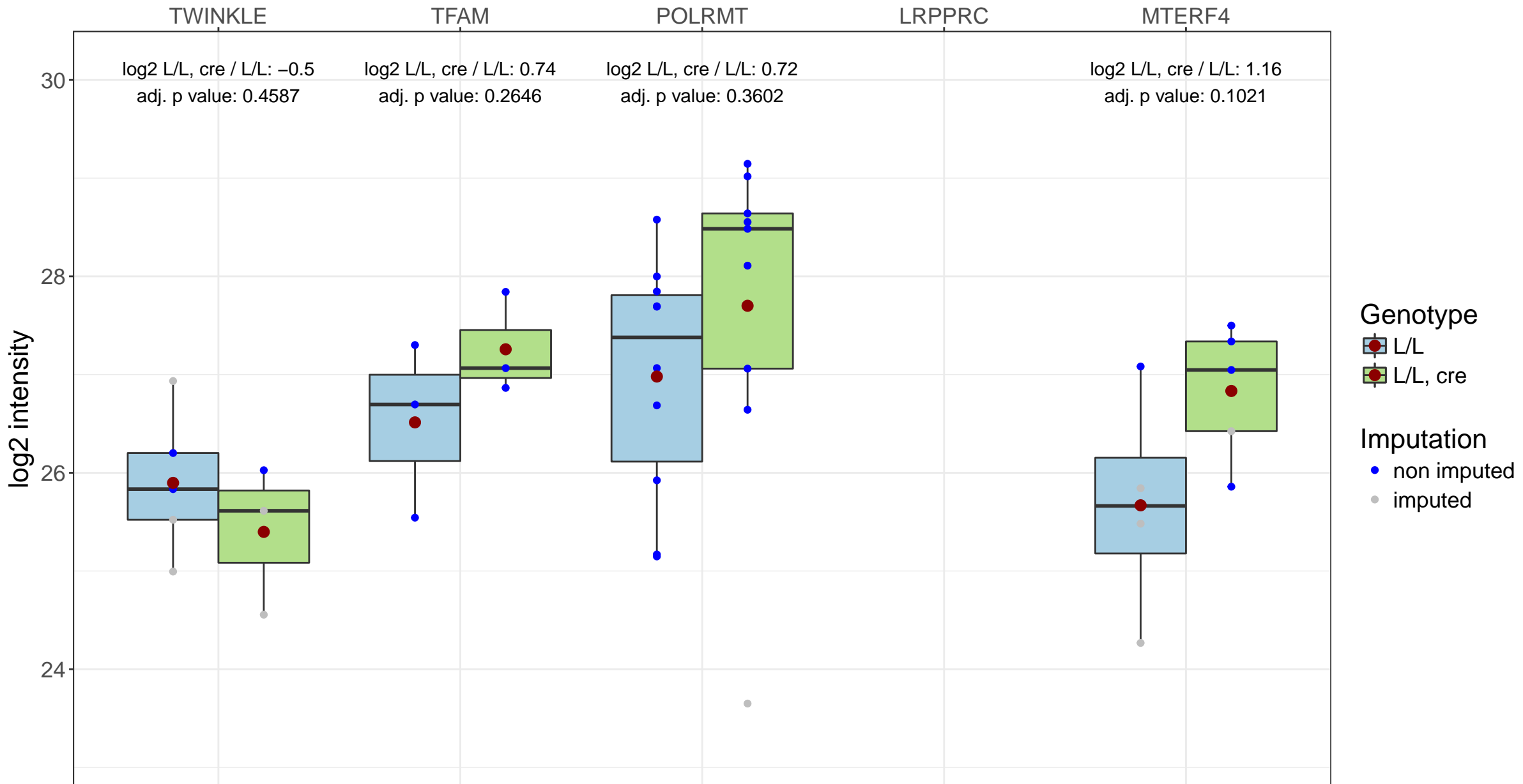
# CALR / P14211



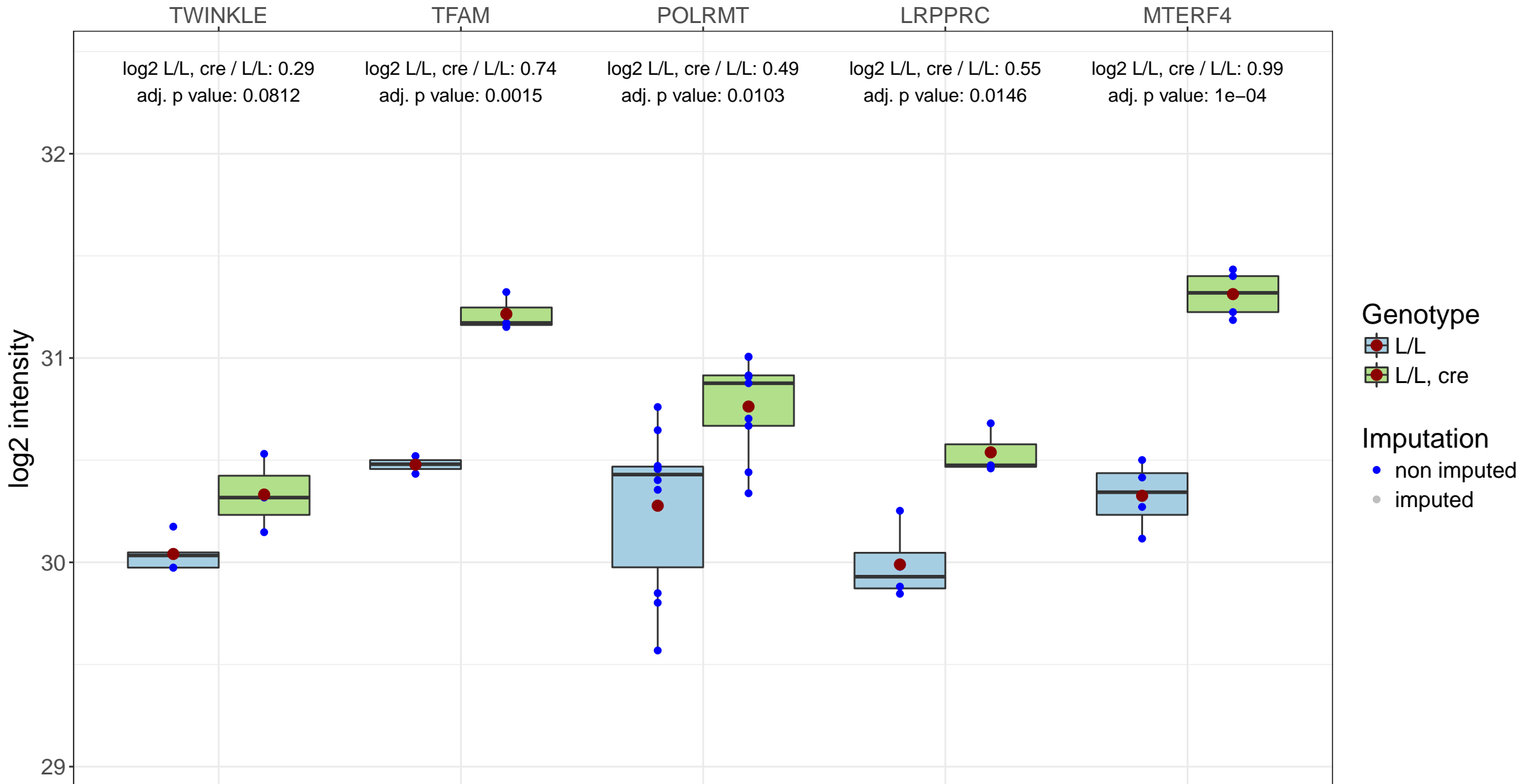
# CALU / O35887



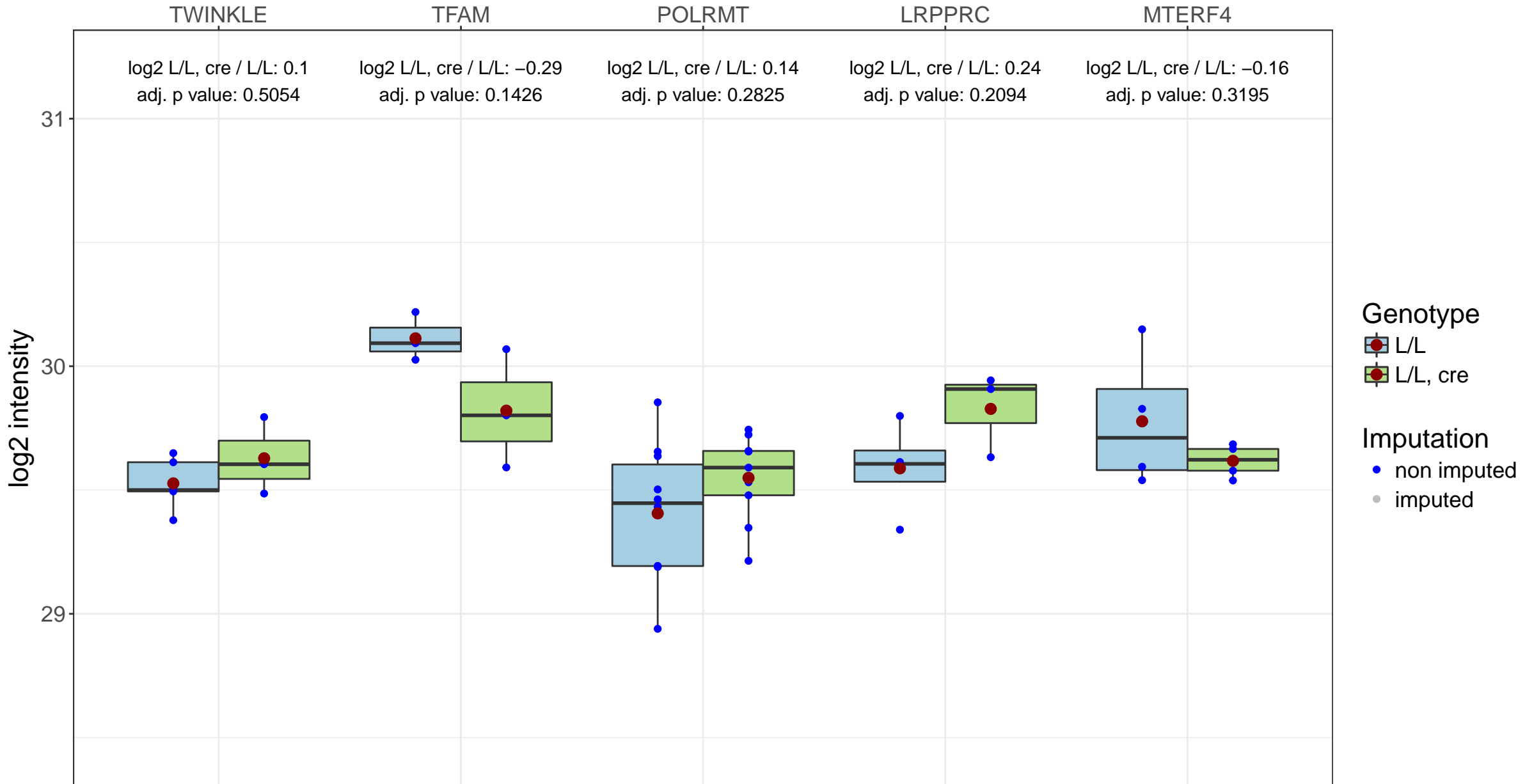
# CANX / P35564



# CARKD / J3QMM7

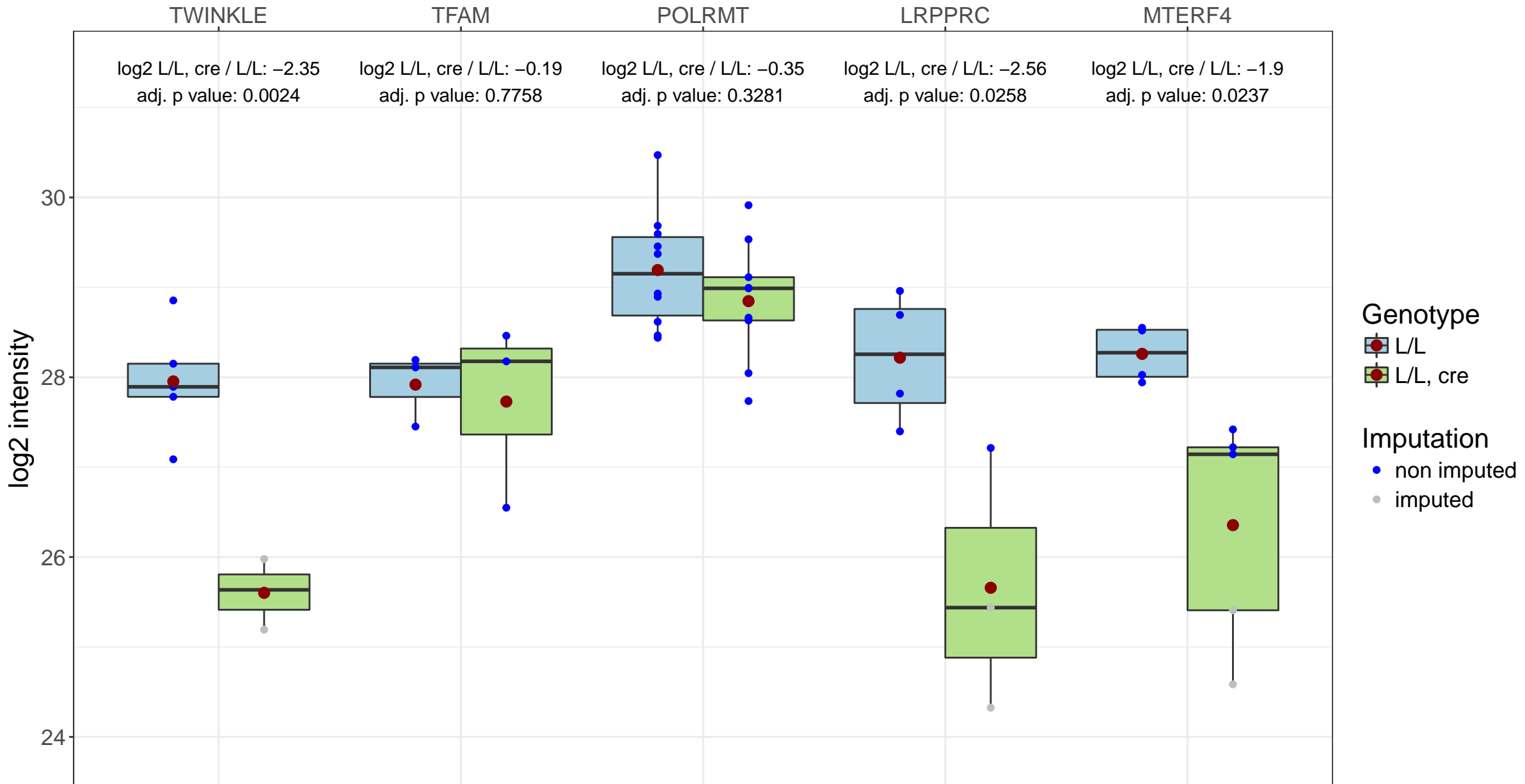


# CARS2 / G3X975

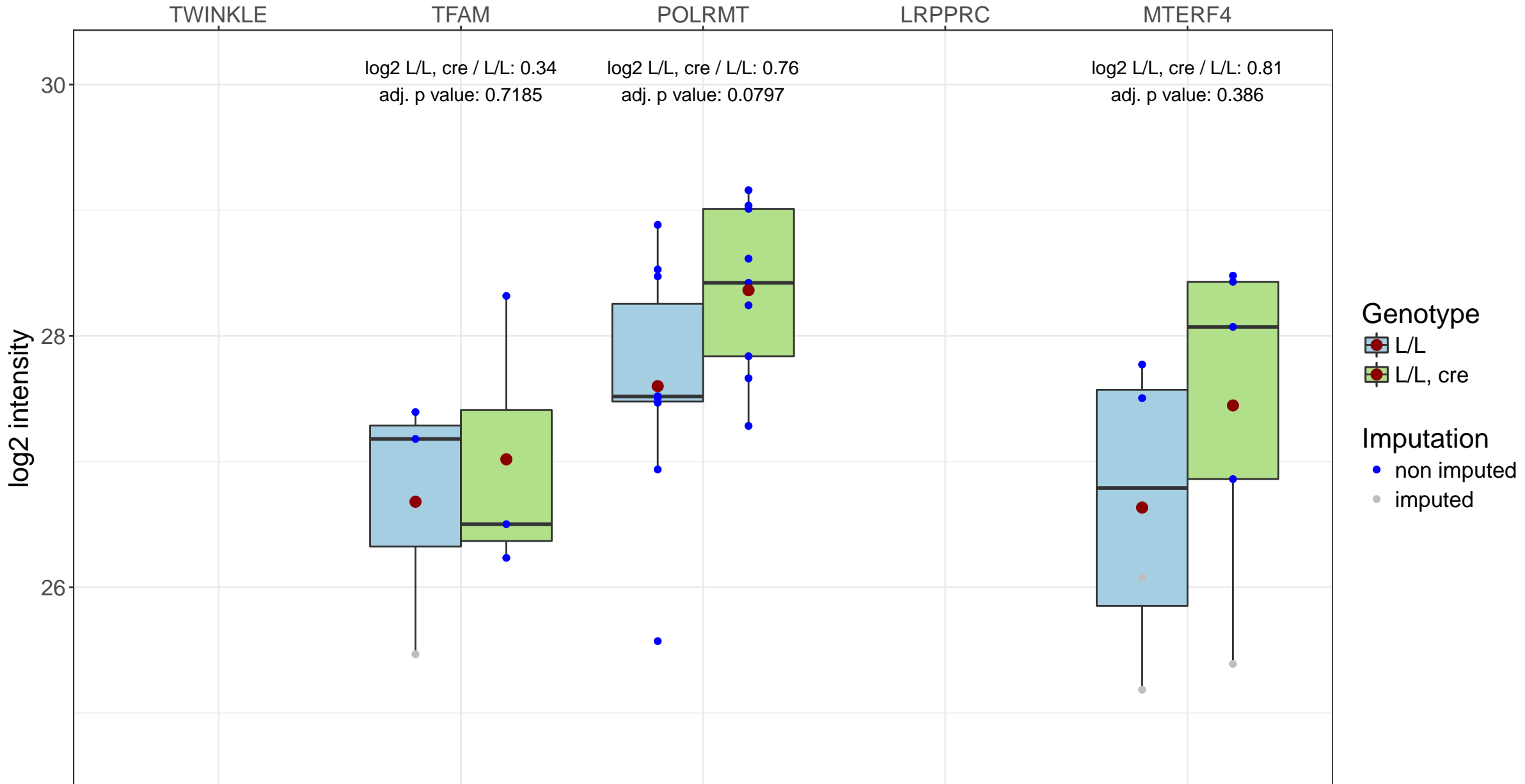




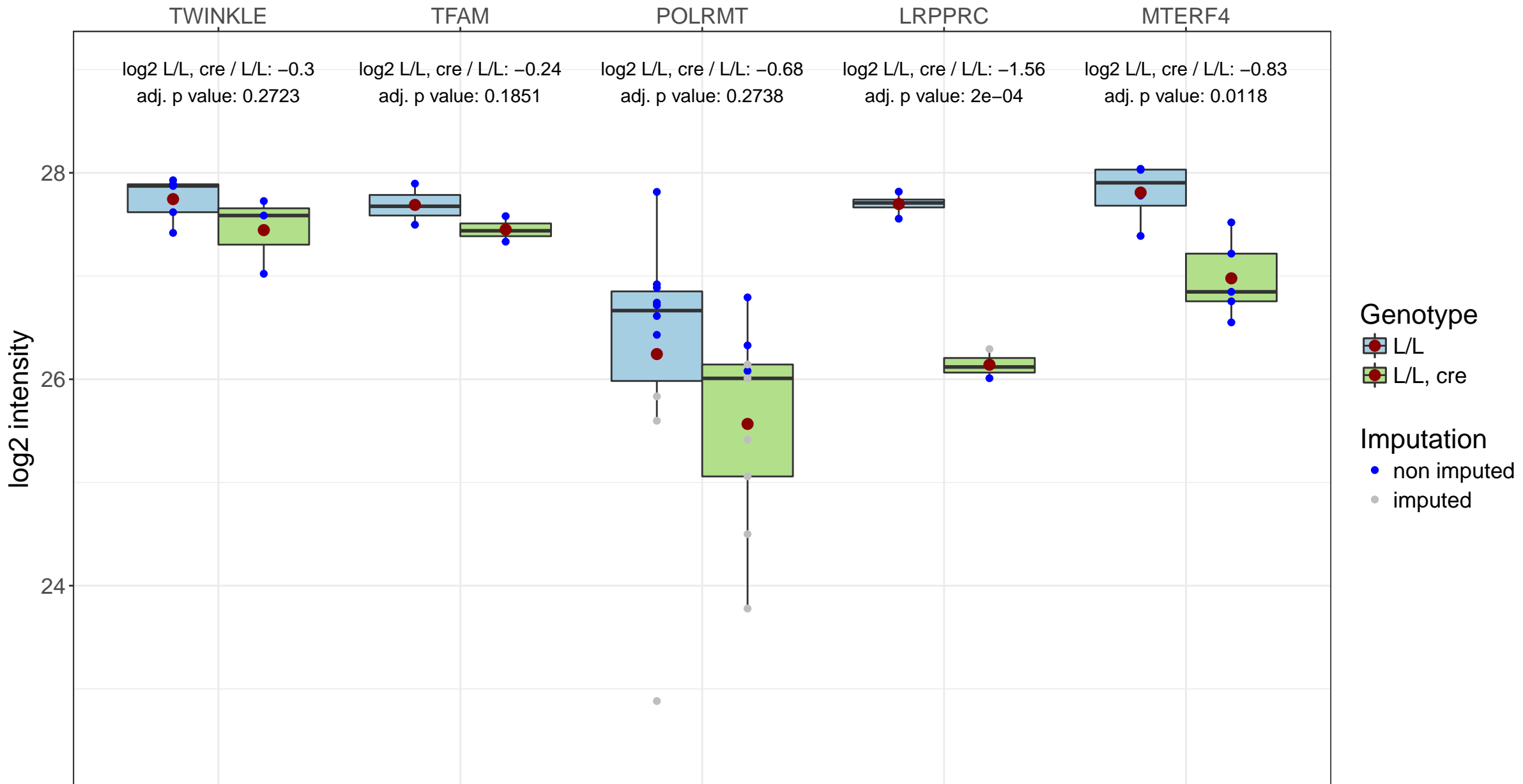
# CASQ2 / O09161



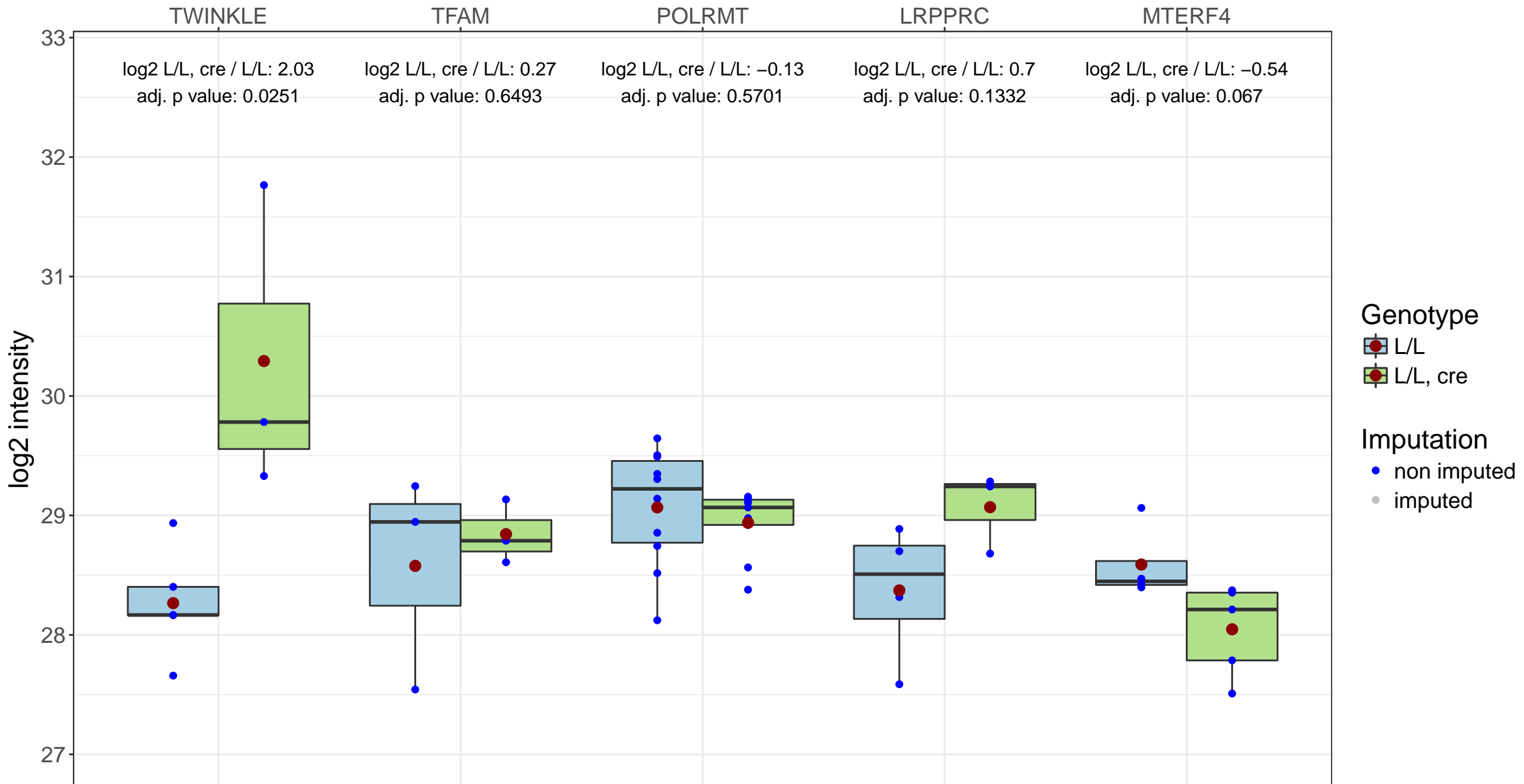
# CAT / P24270



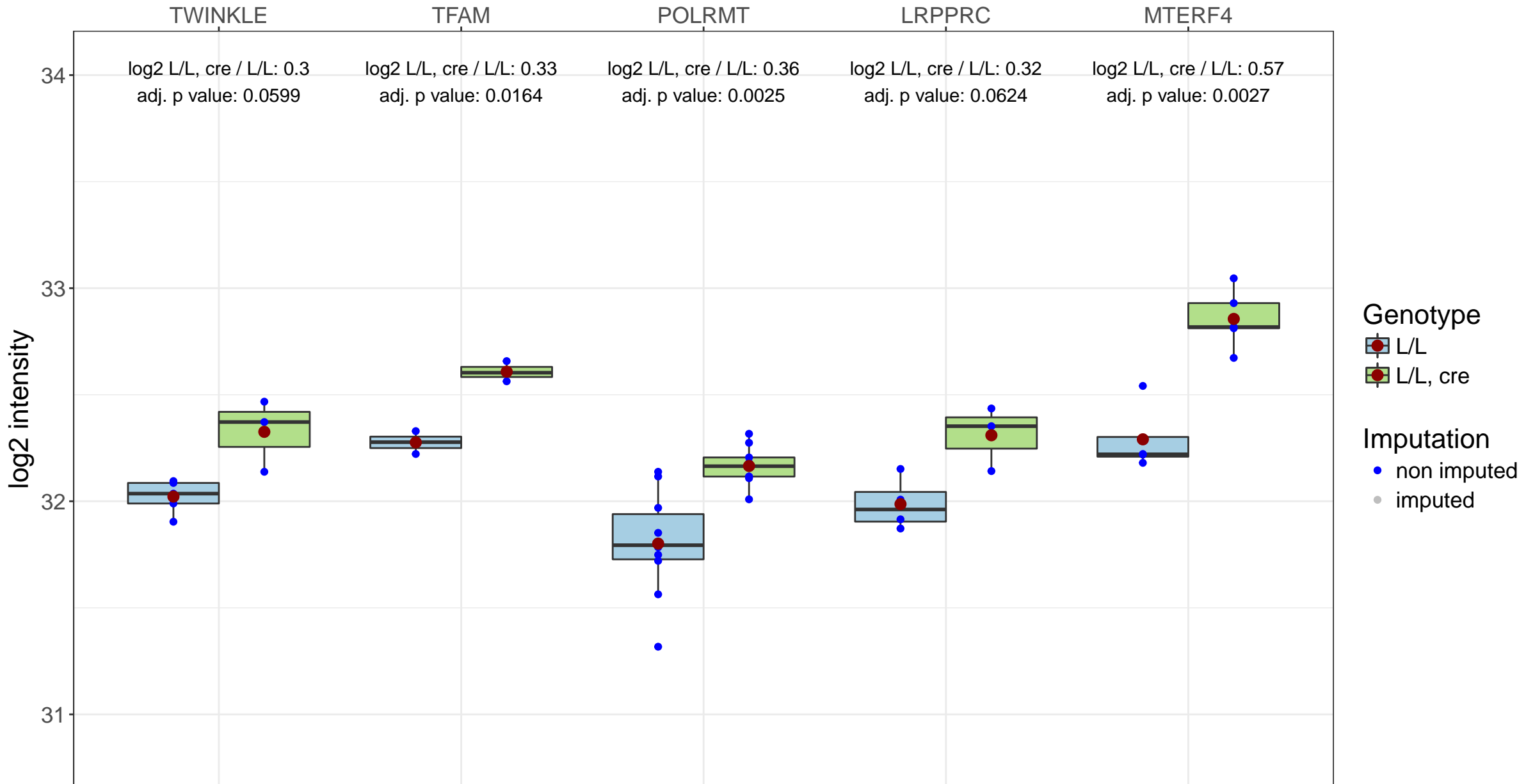
# CBR1 / P48758



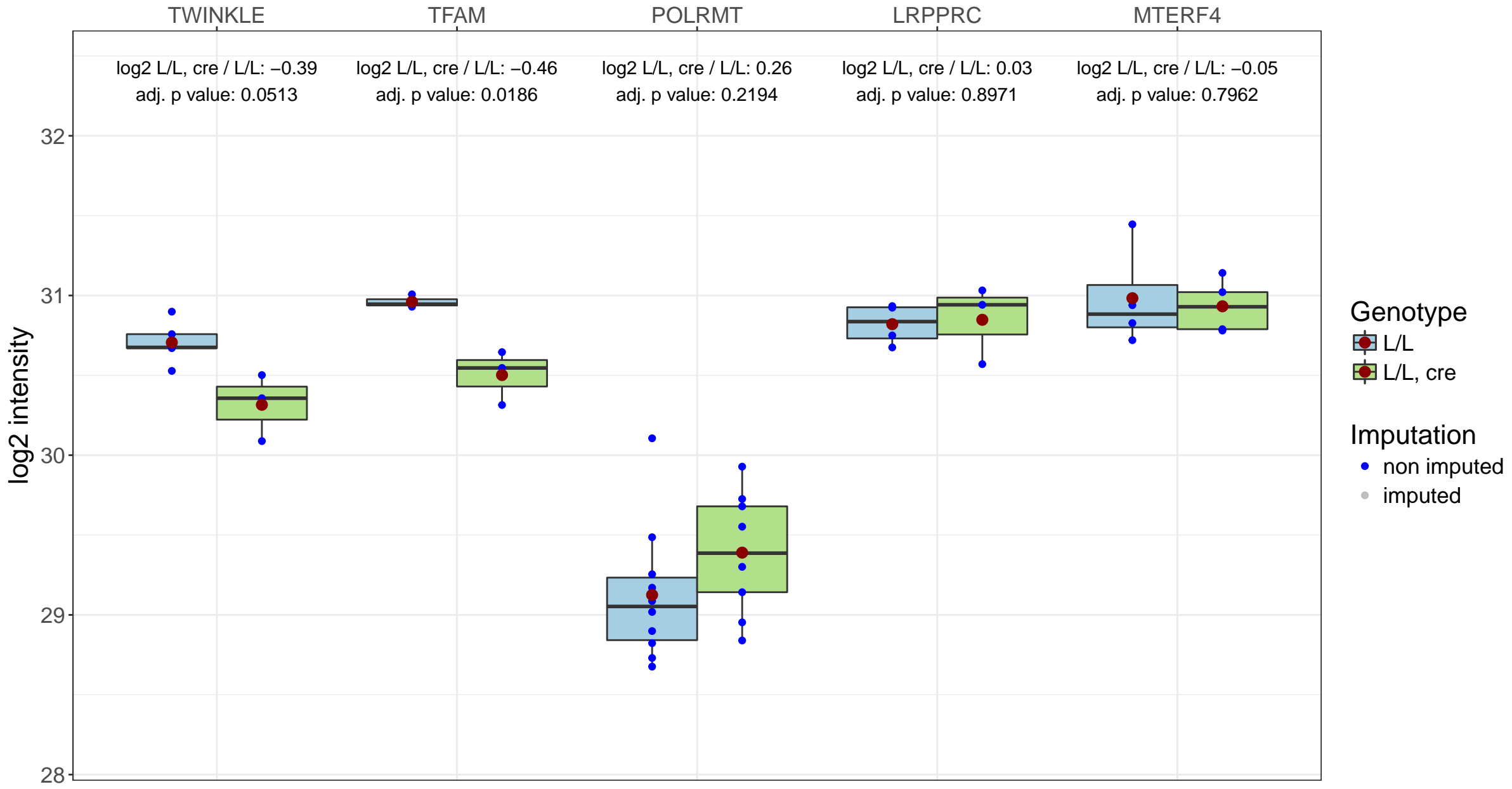
# CBR2 / P08074



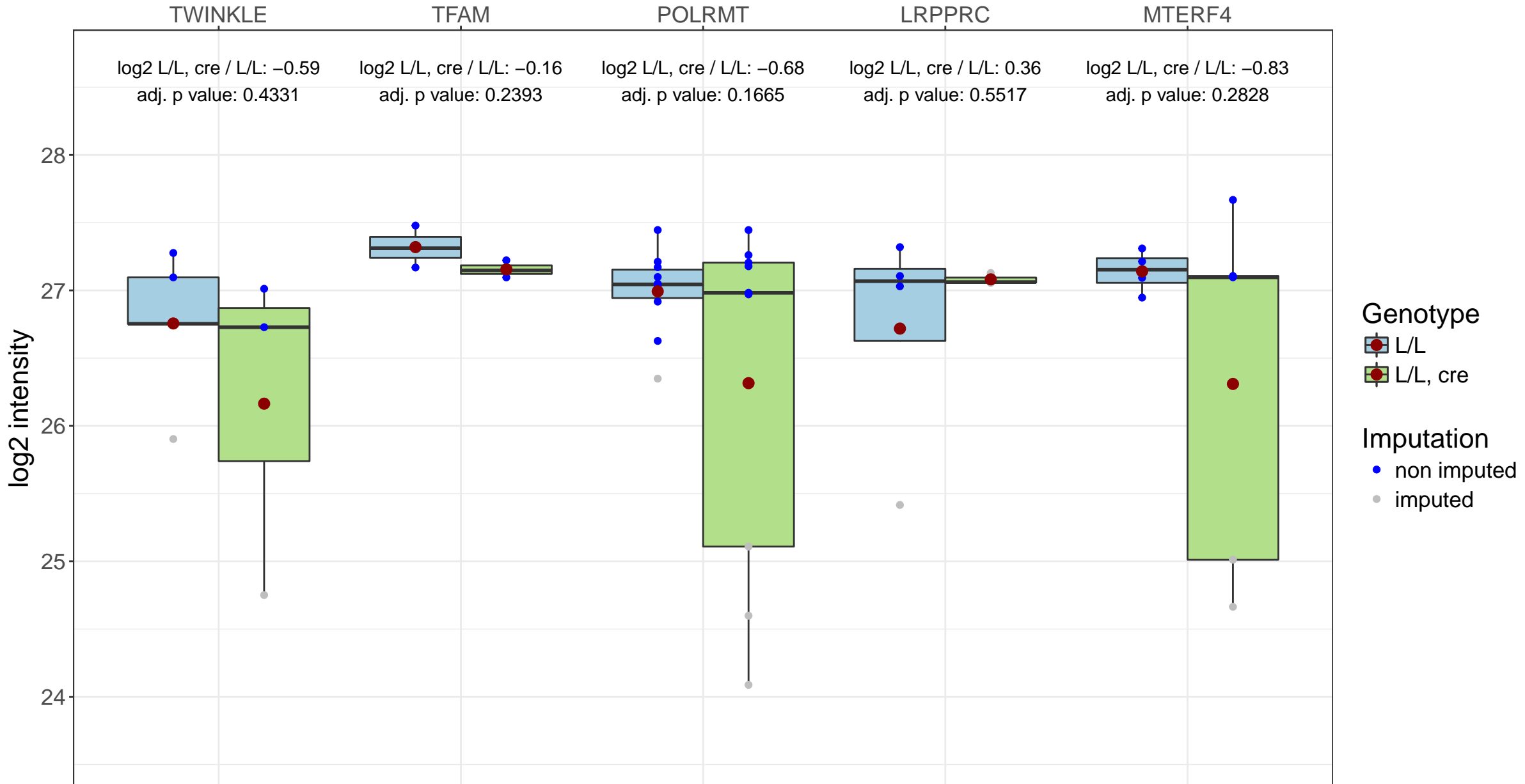
# CBR4 / Q91VT4



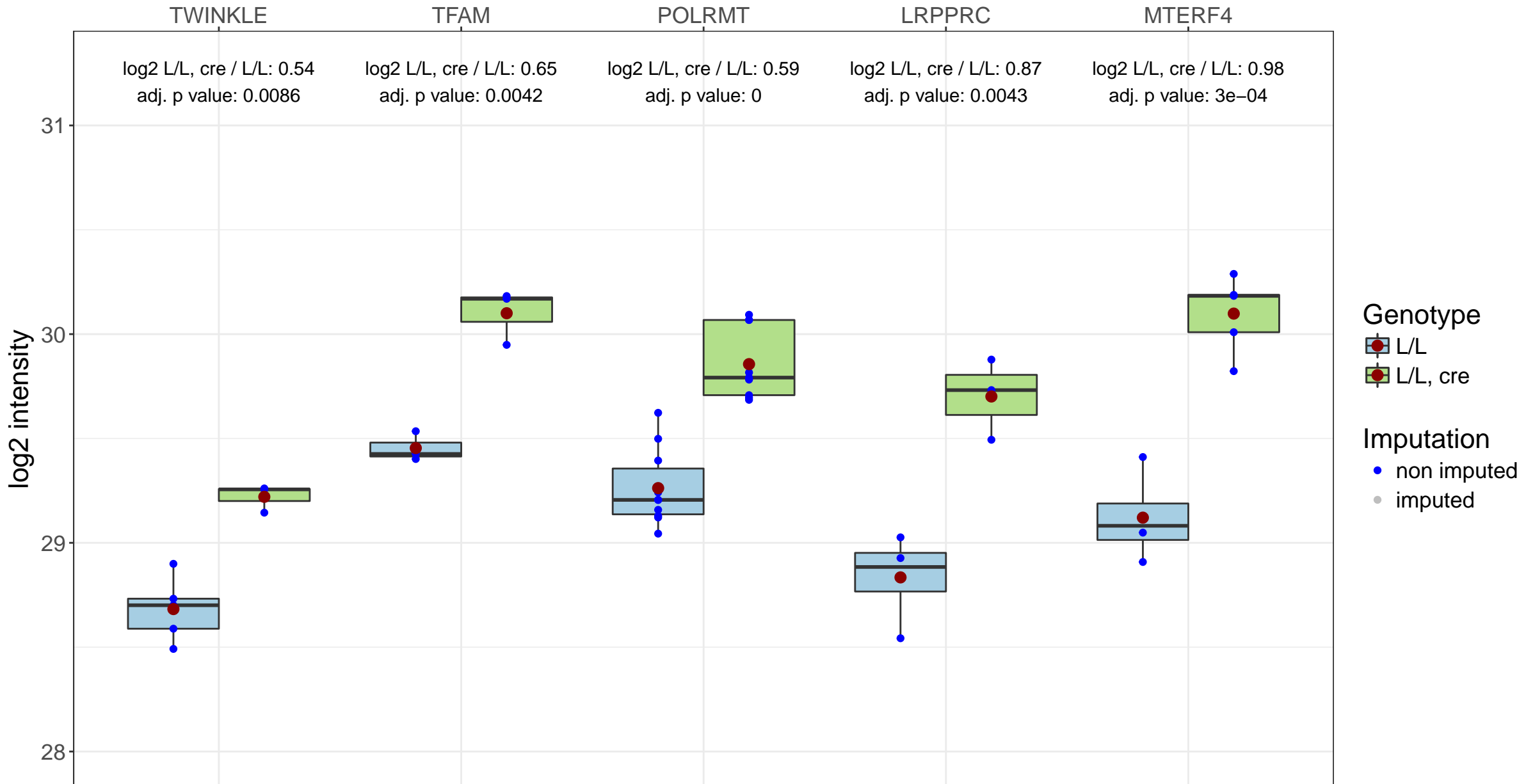
# CCBL2 / Q71RI9-2



# CCDC127 / E0CYX9

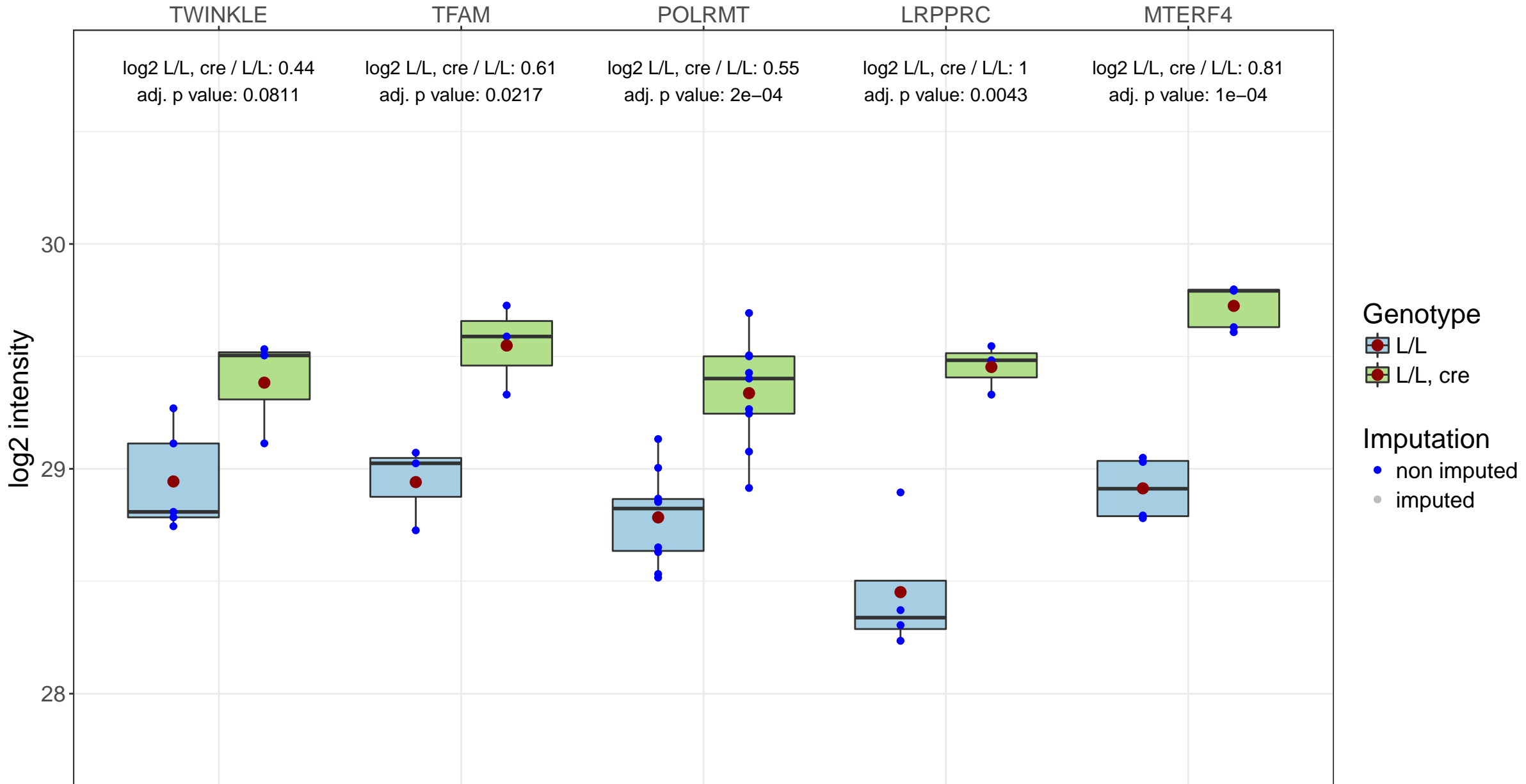


# CCDC51 / Q3URS9-2

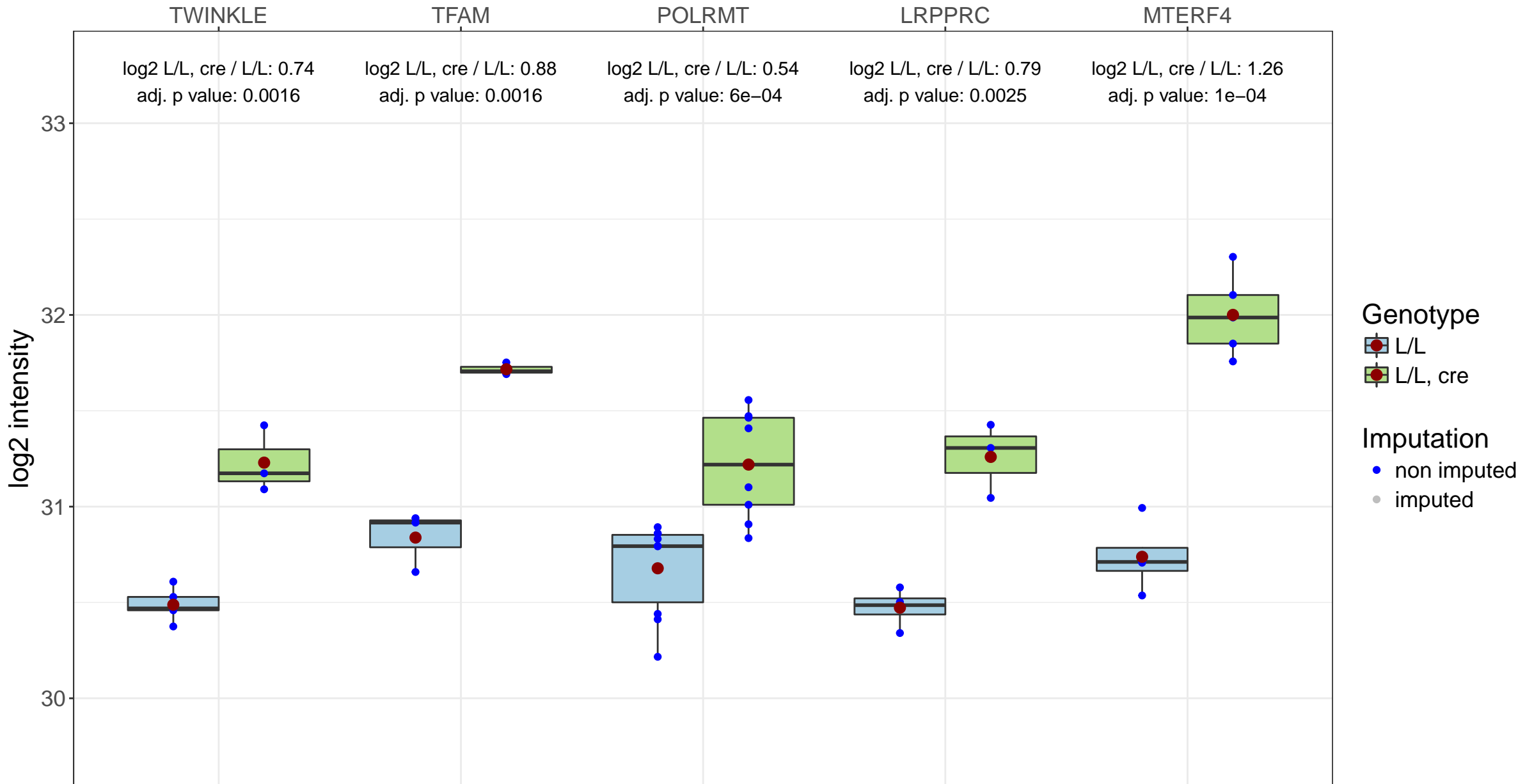




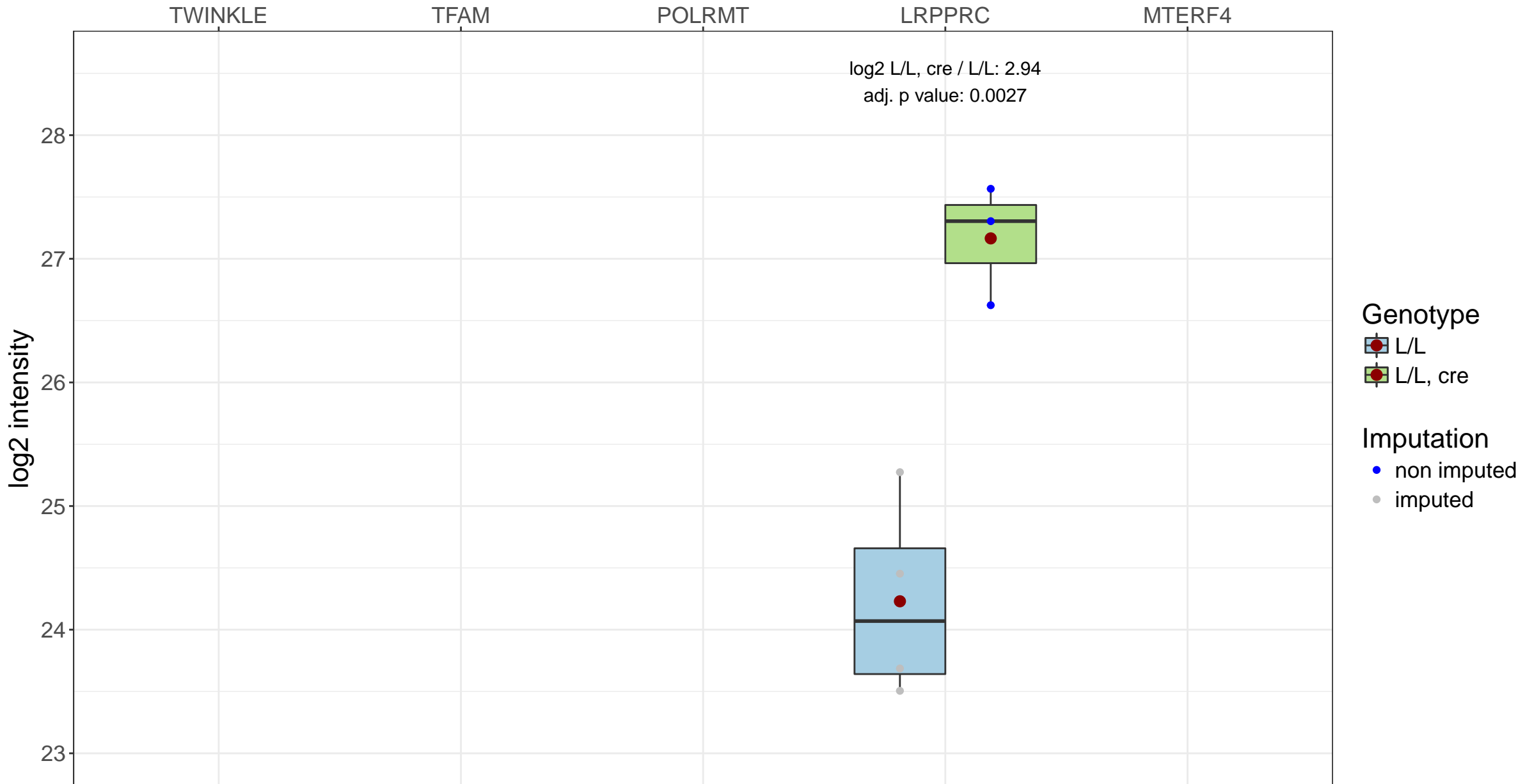
# CCDC58 / F8WJI3



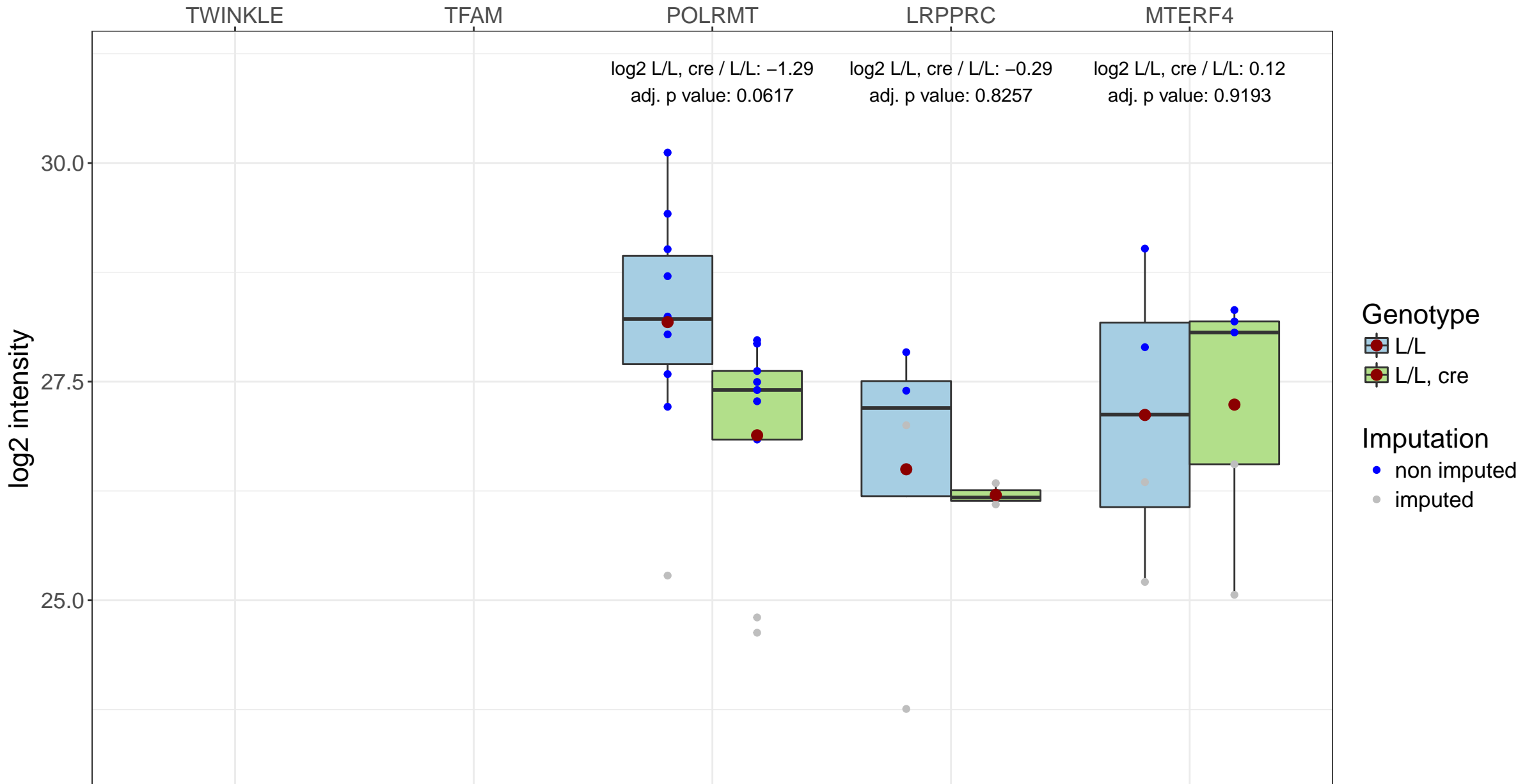
# CCDC90B / Q8C3X2



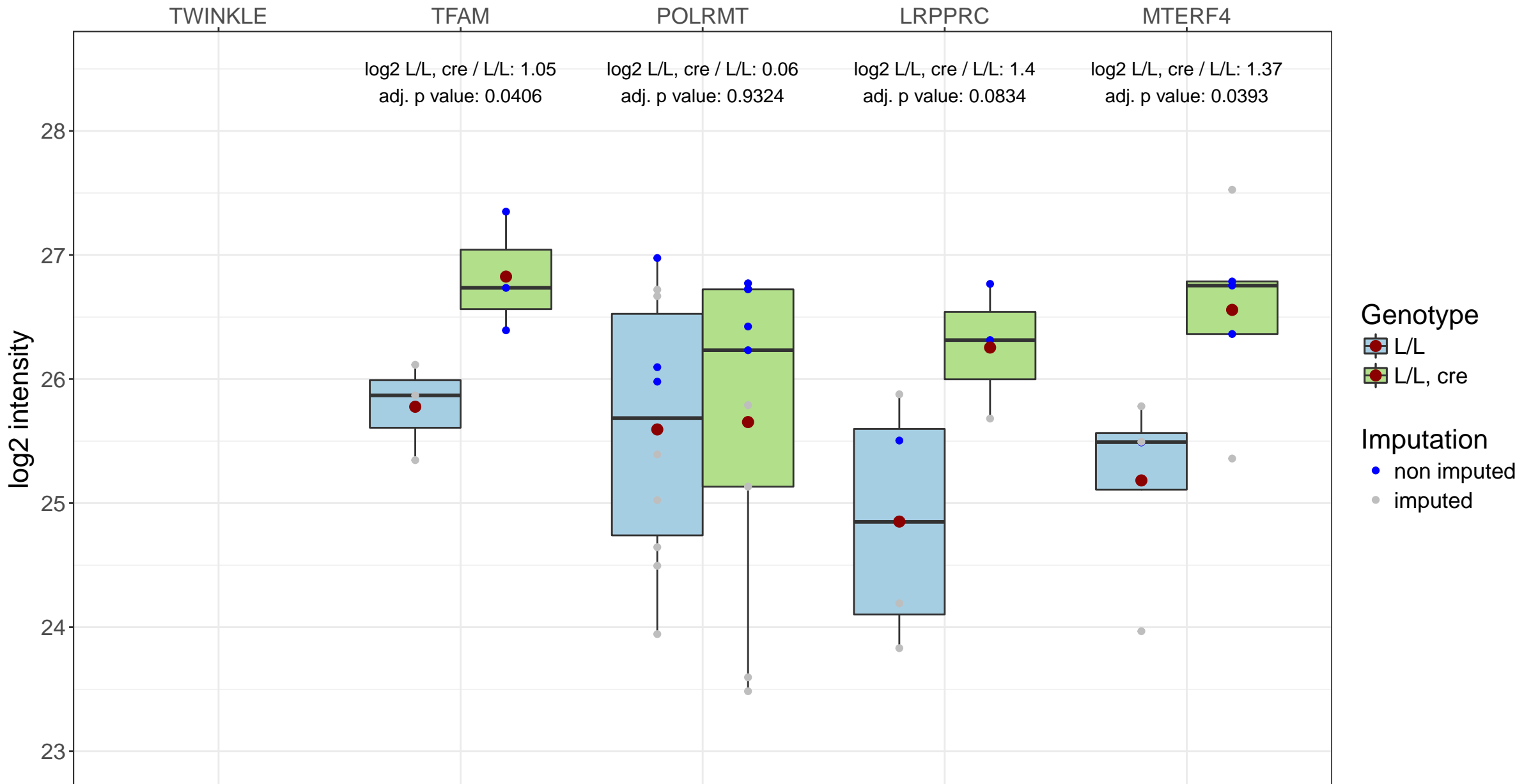
# CCSMST1 / Q6RUT7



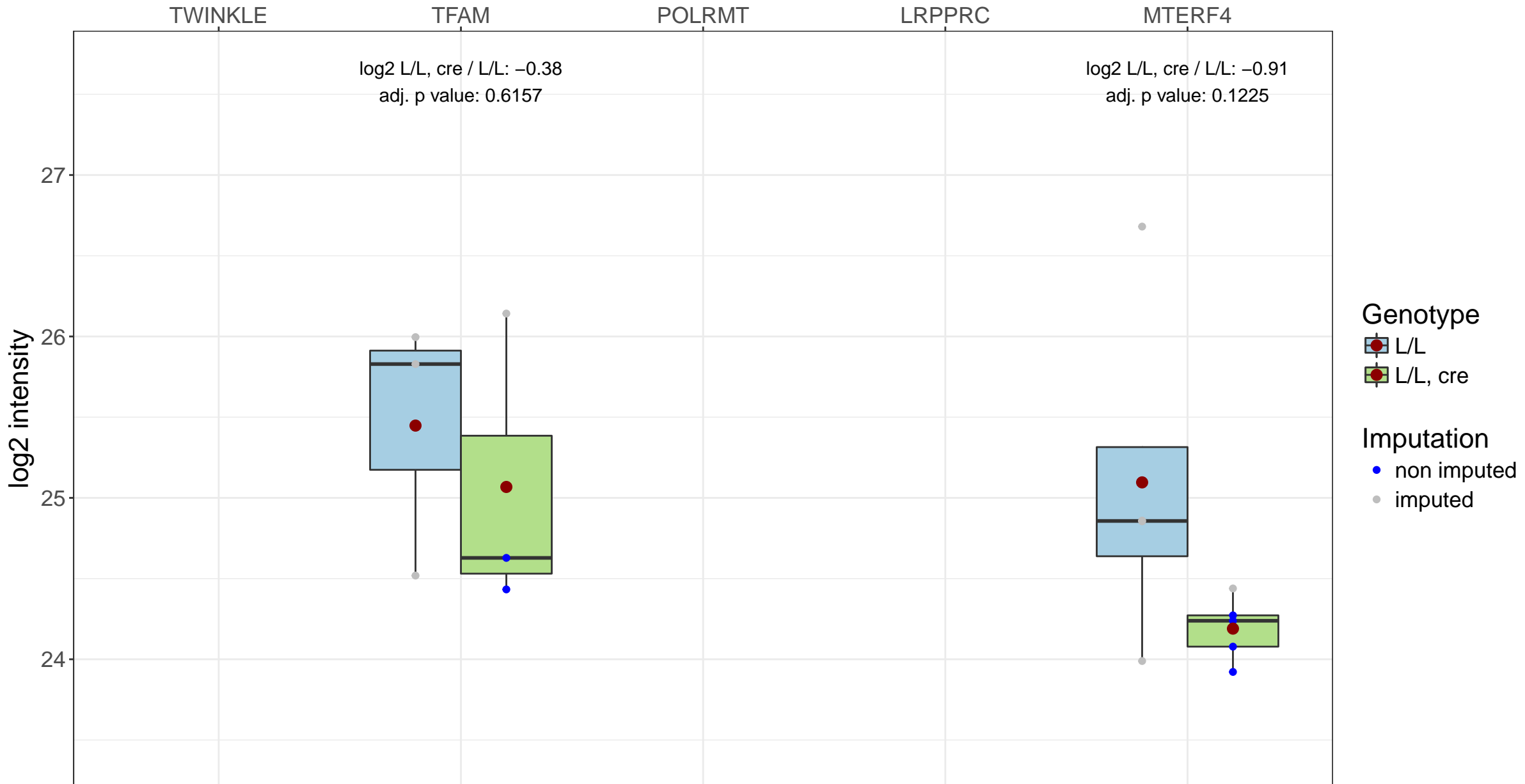
# CD36 / Q08857



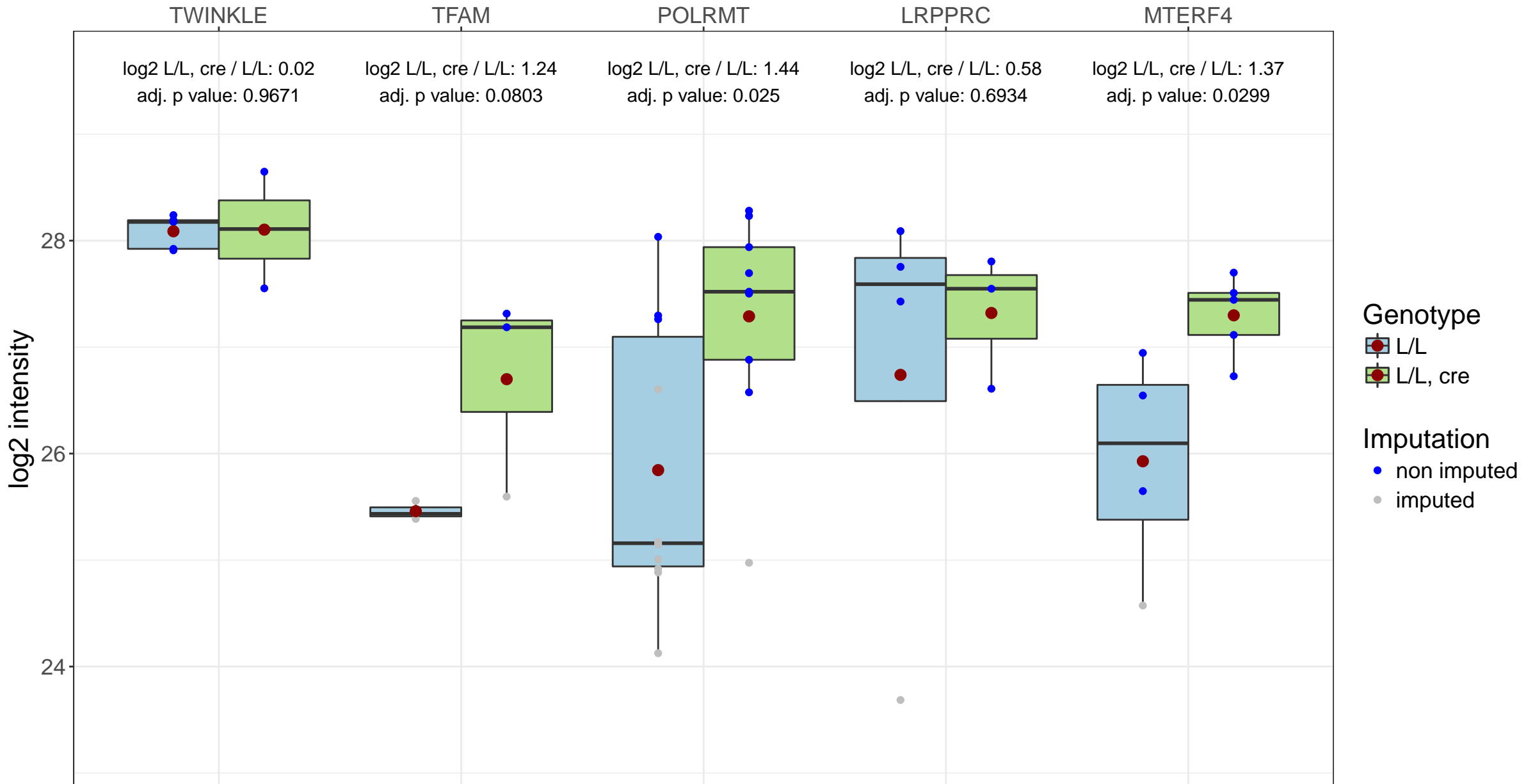
# CDC42 / P60766



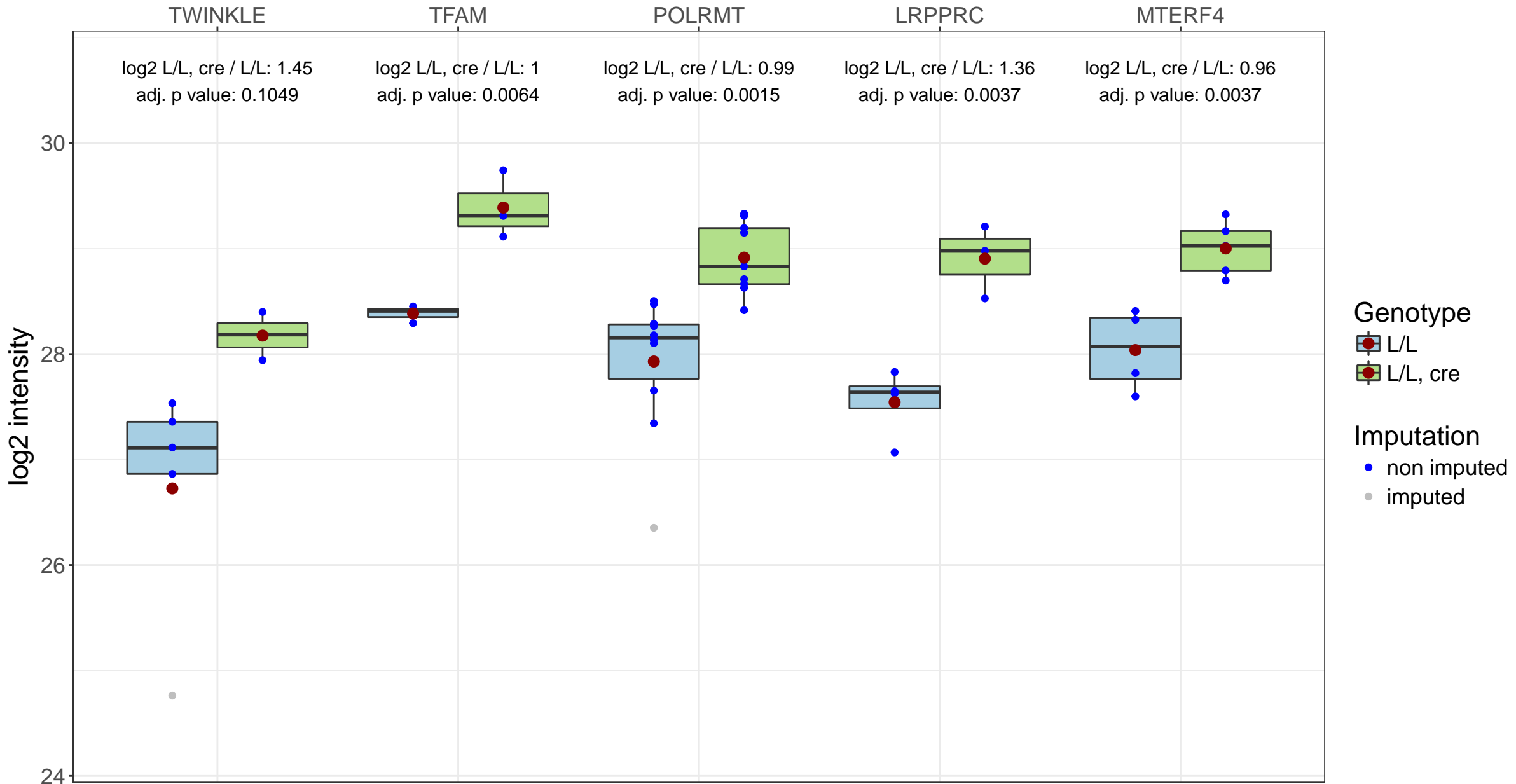
# CDV3 / Q4VAA2-2



# CEBPZOS / Q8BTE5

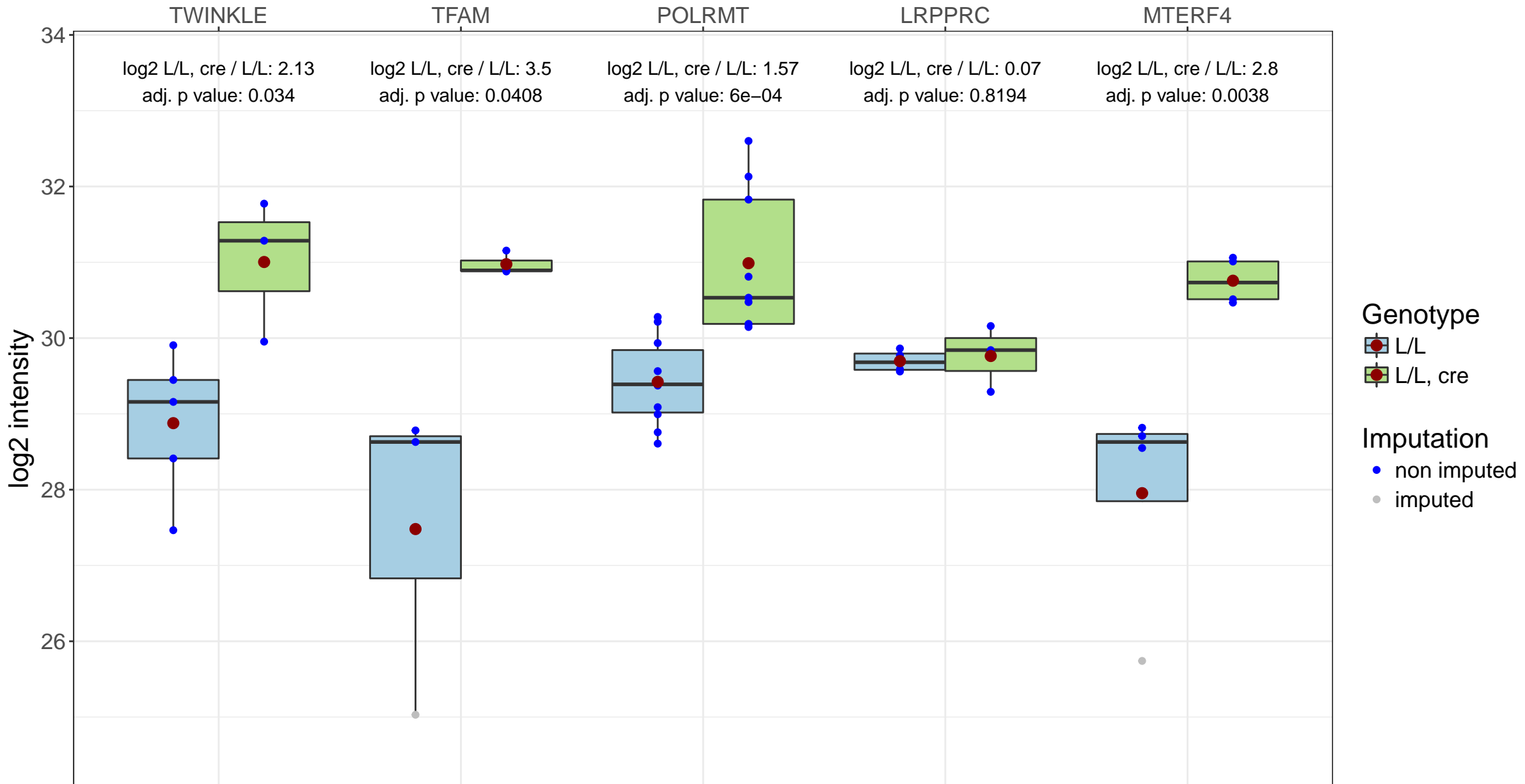


# CECR5 / Q91WM2

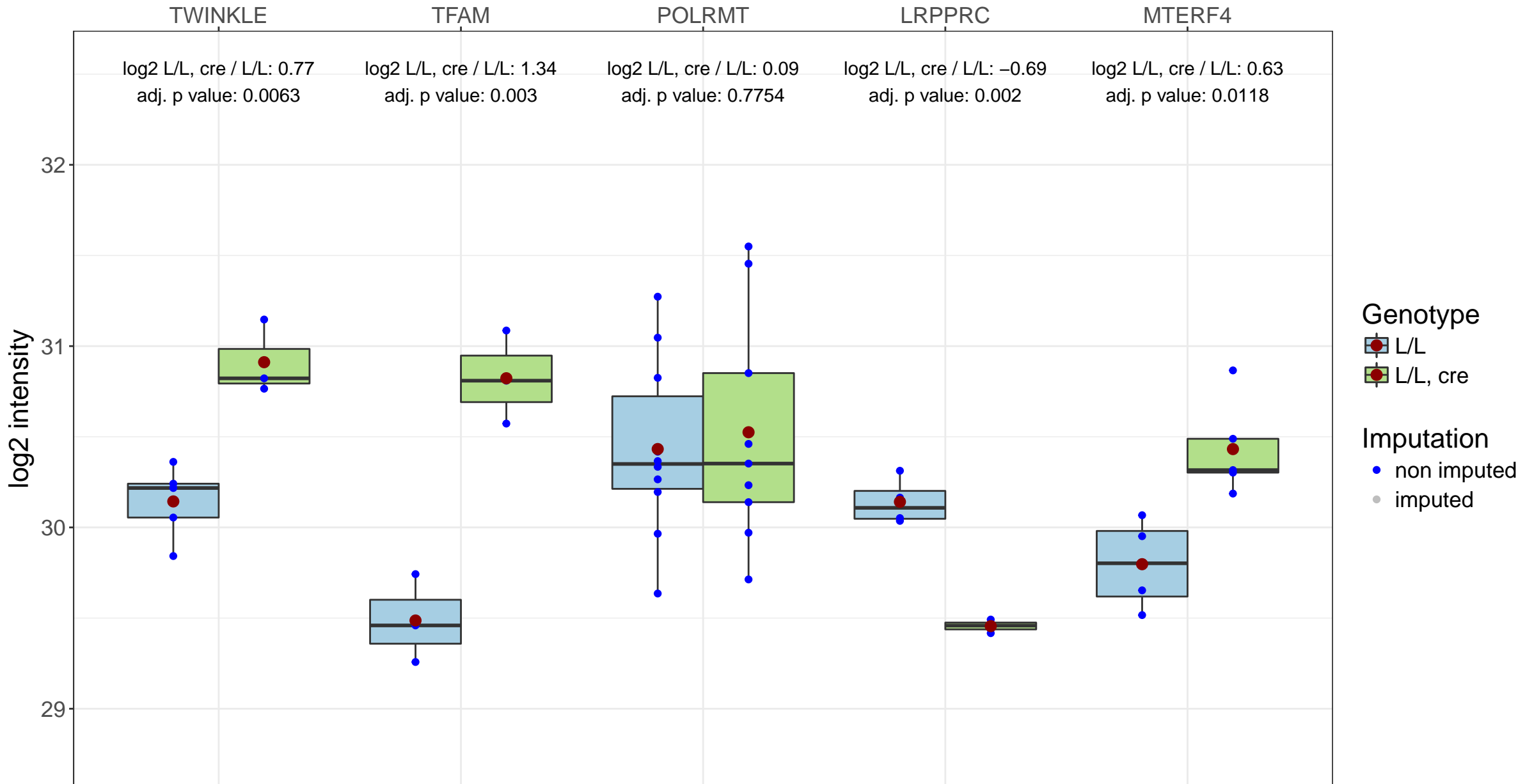




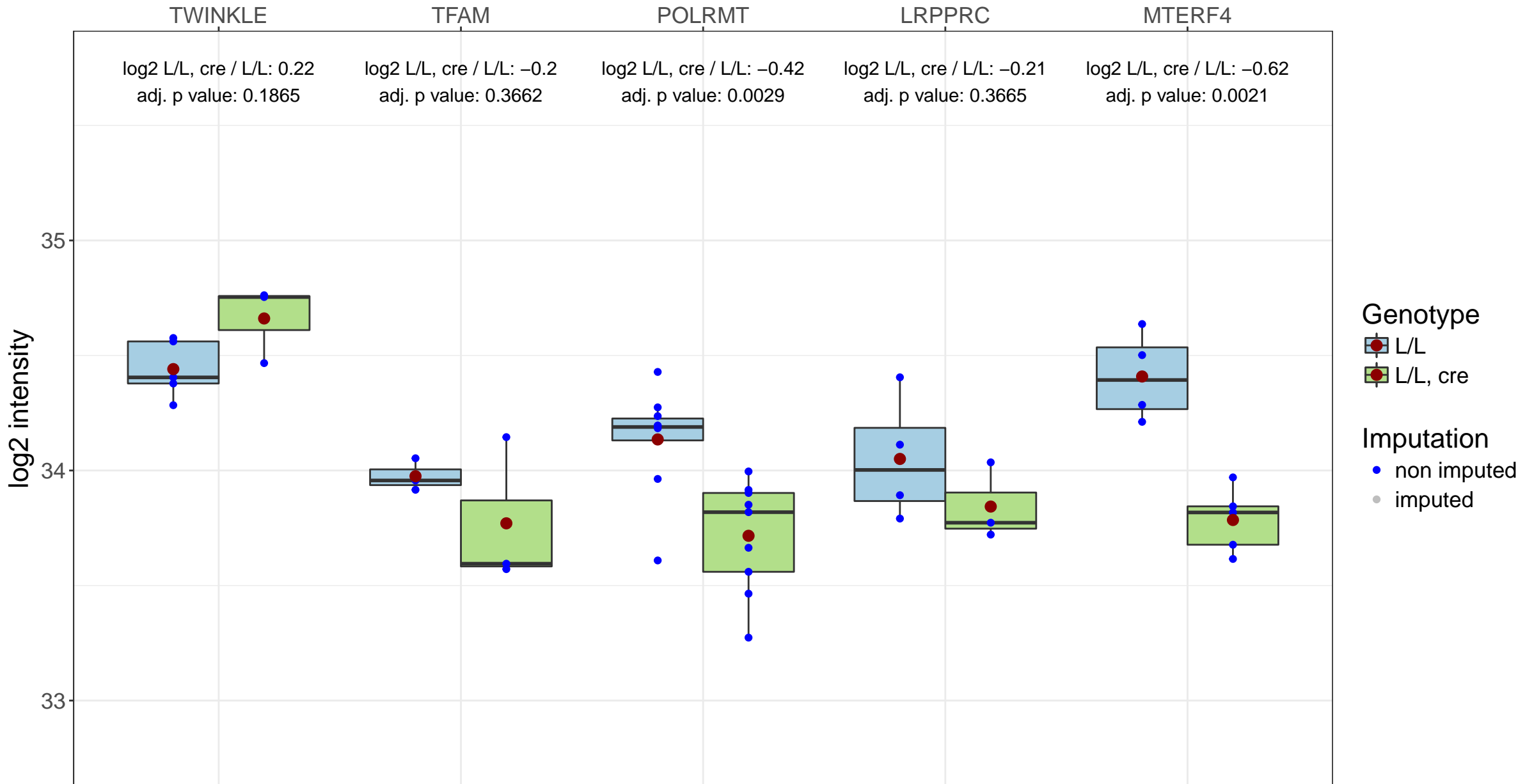
# CHCHD10 / Q7TNL9



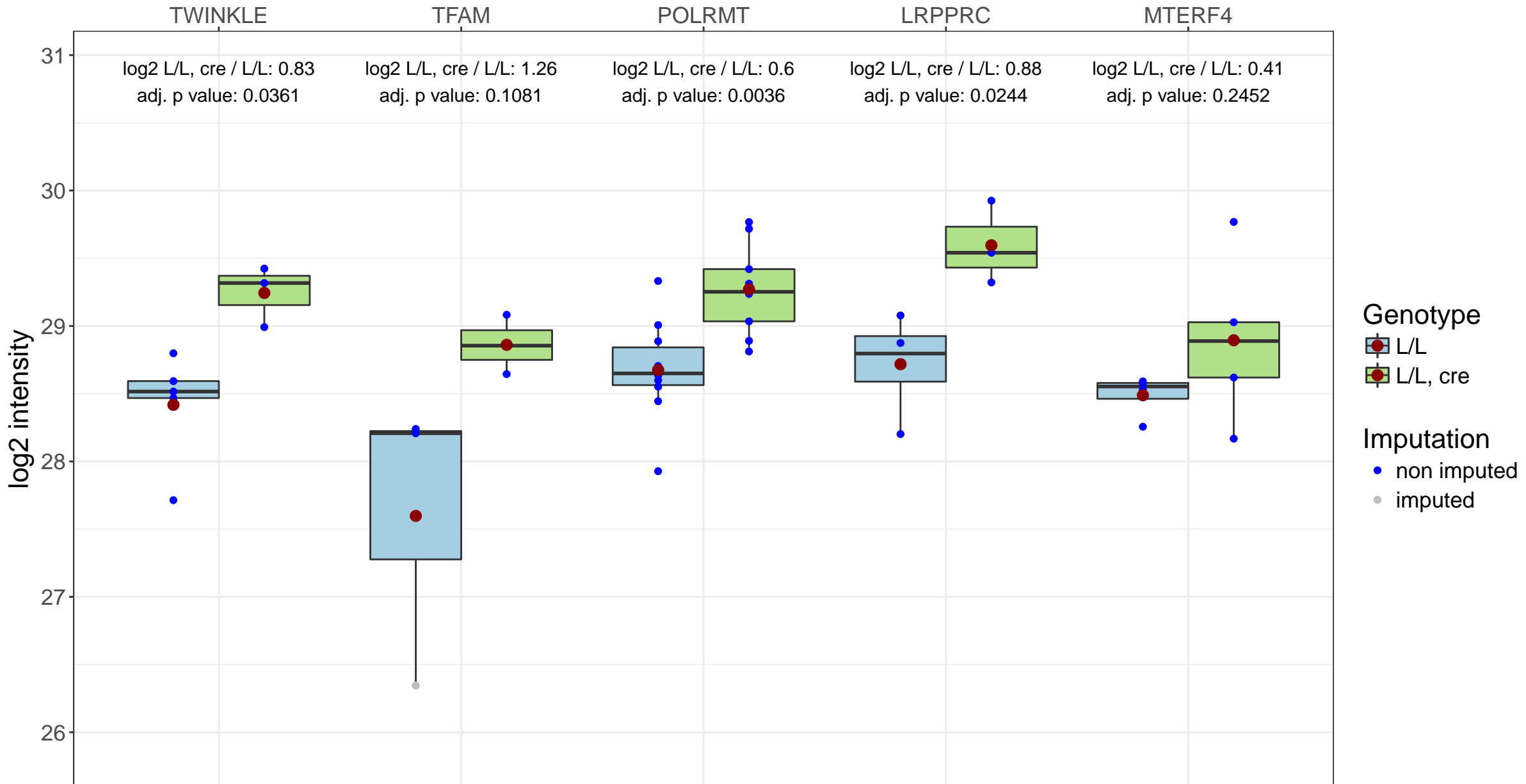
# CHCHD2 / Q9D1L0



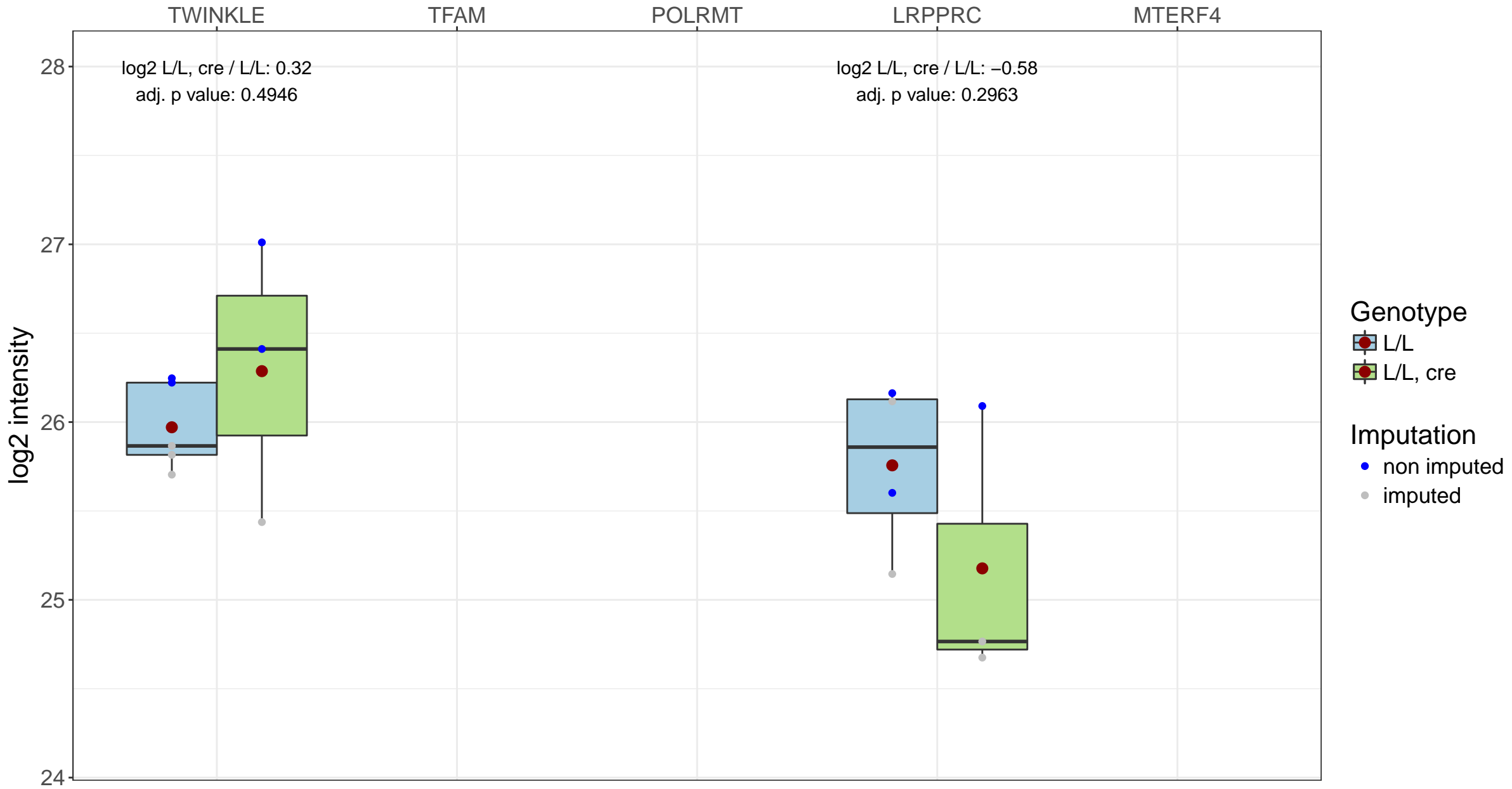
# CHCHD3 / Q9CRB9



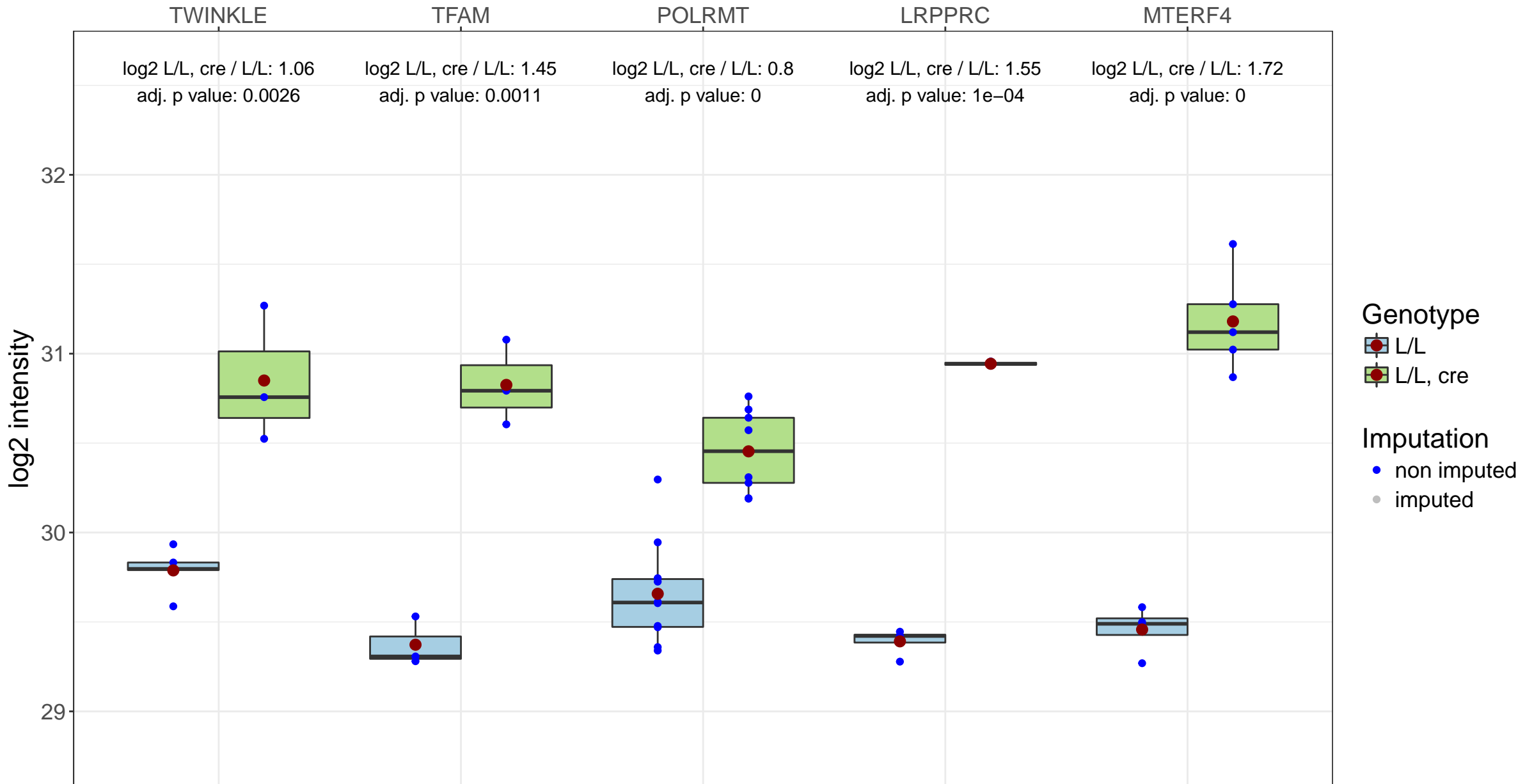
# CHCHD4 / Q8VEA4



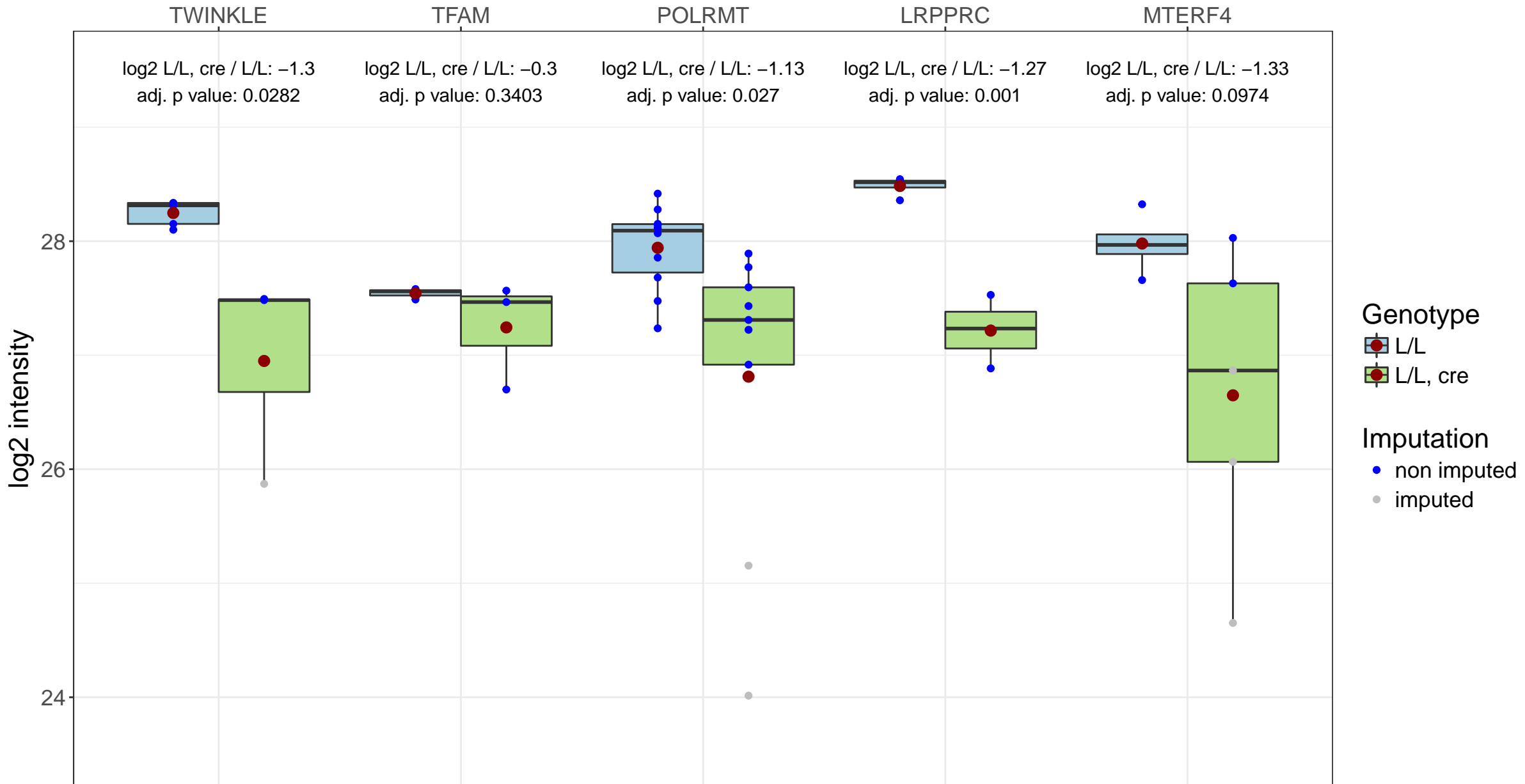
# CHCHD5 / Q9CQP3



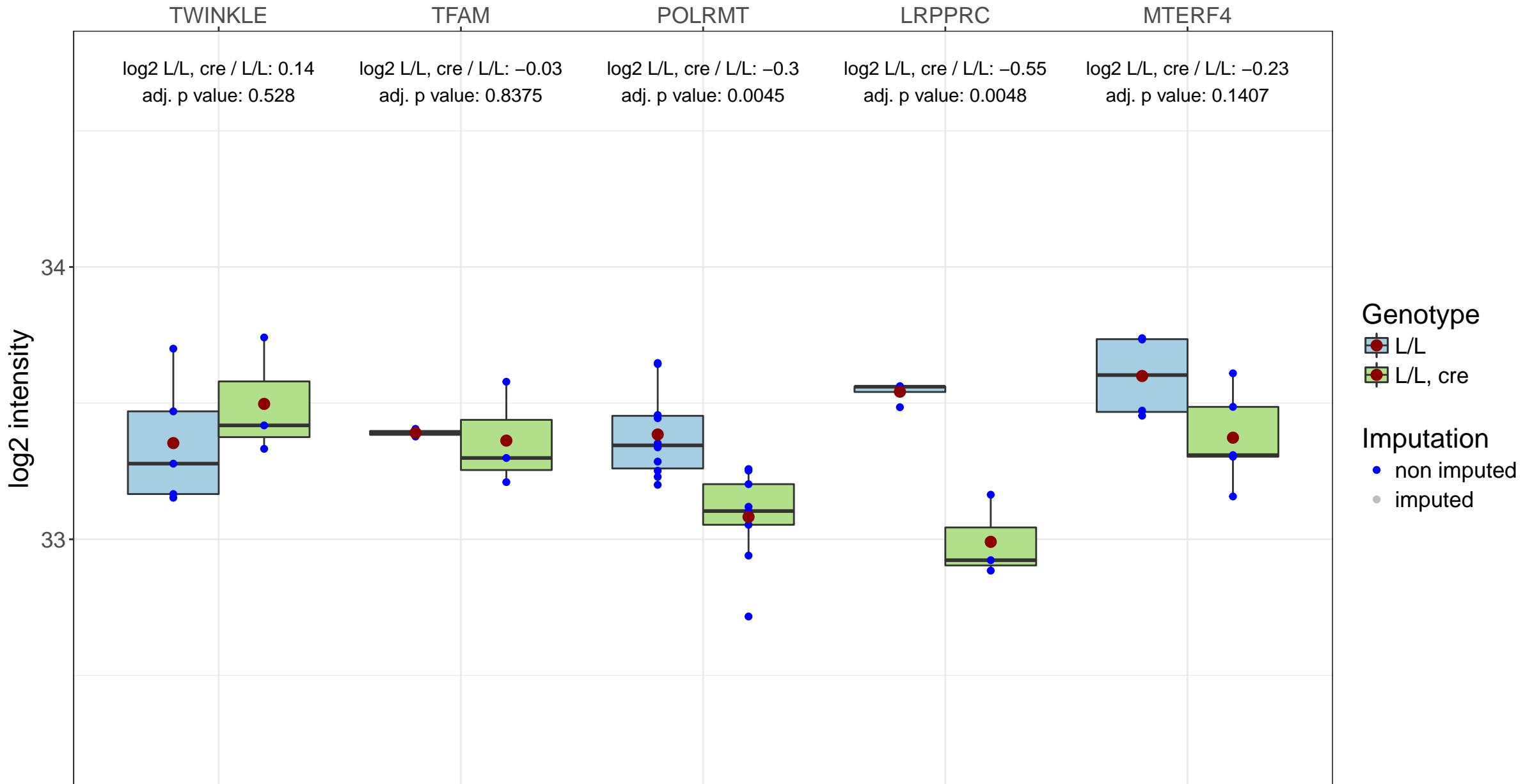
# CHCHD6 / Q91VN4



# CHCHD7 / Q8K2Q5

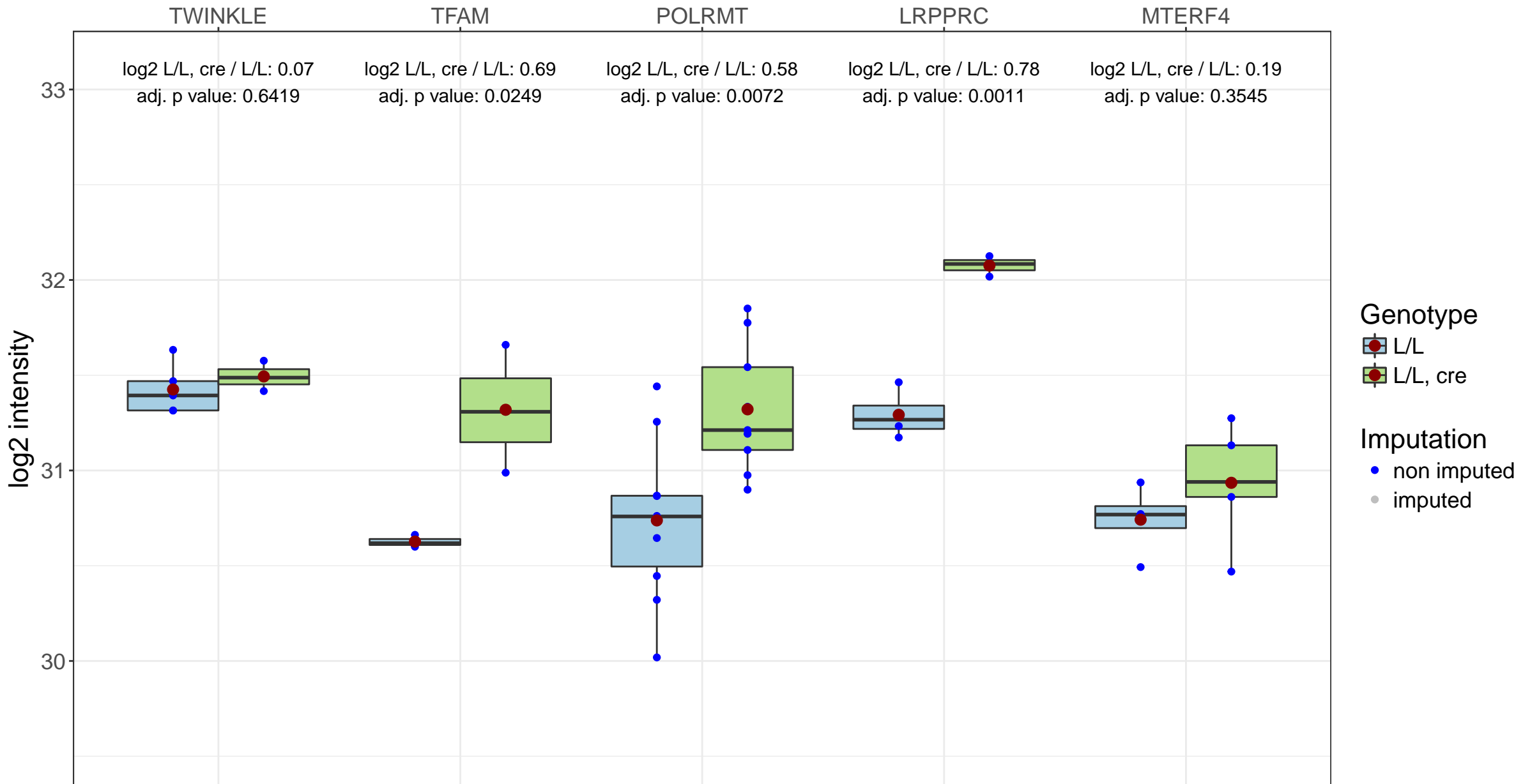


# CISD1 / Q91WS0

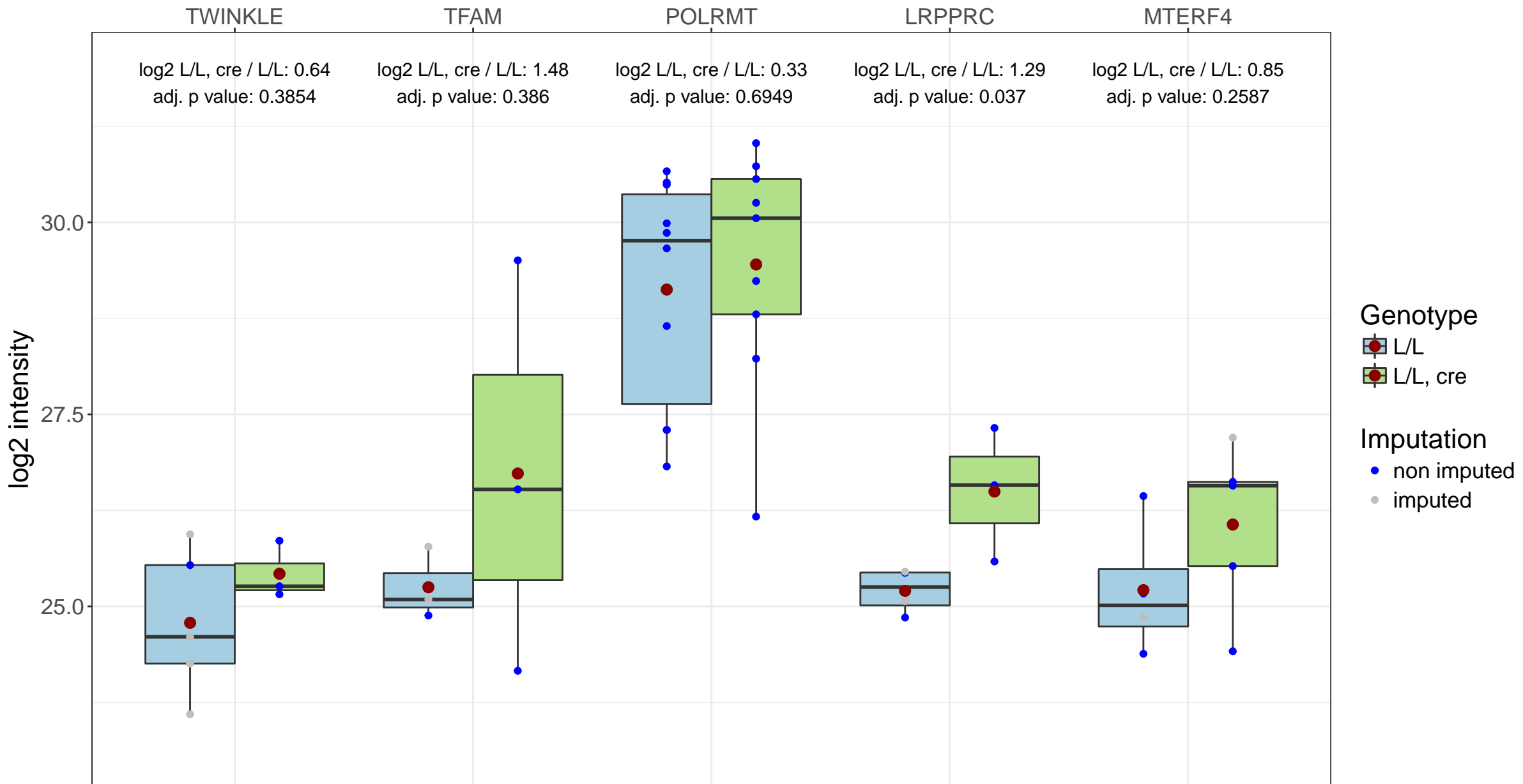




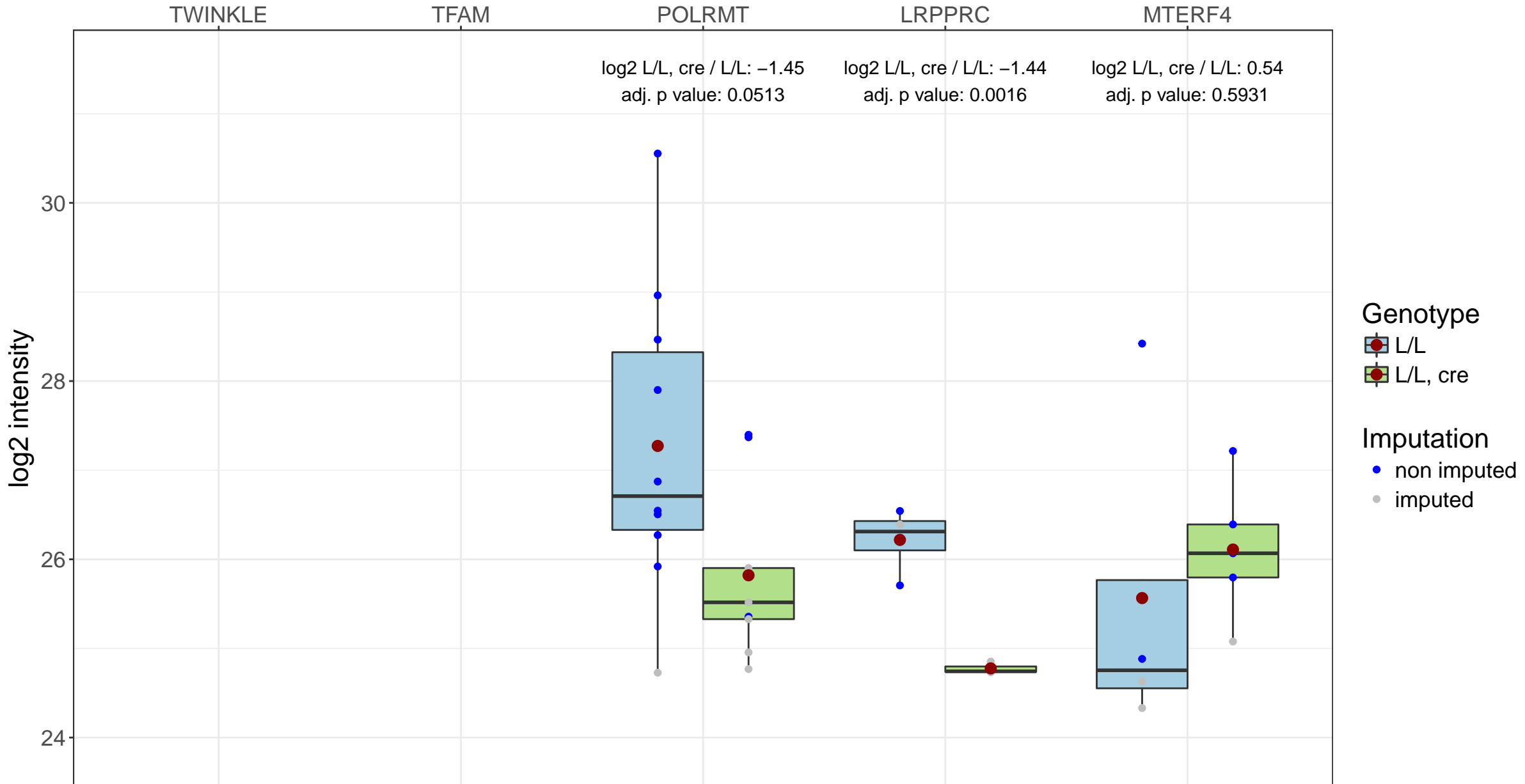
# CISD3 / Z4YKM2



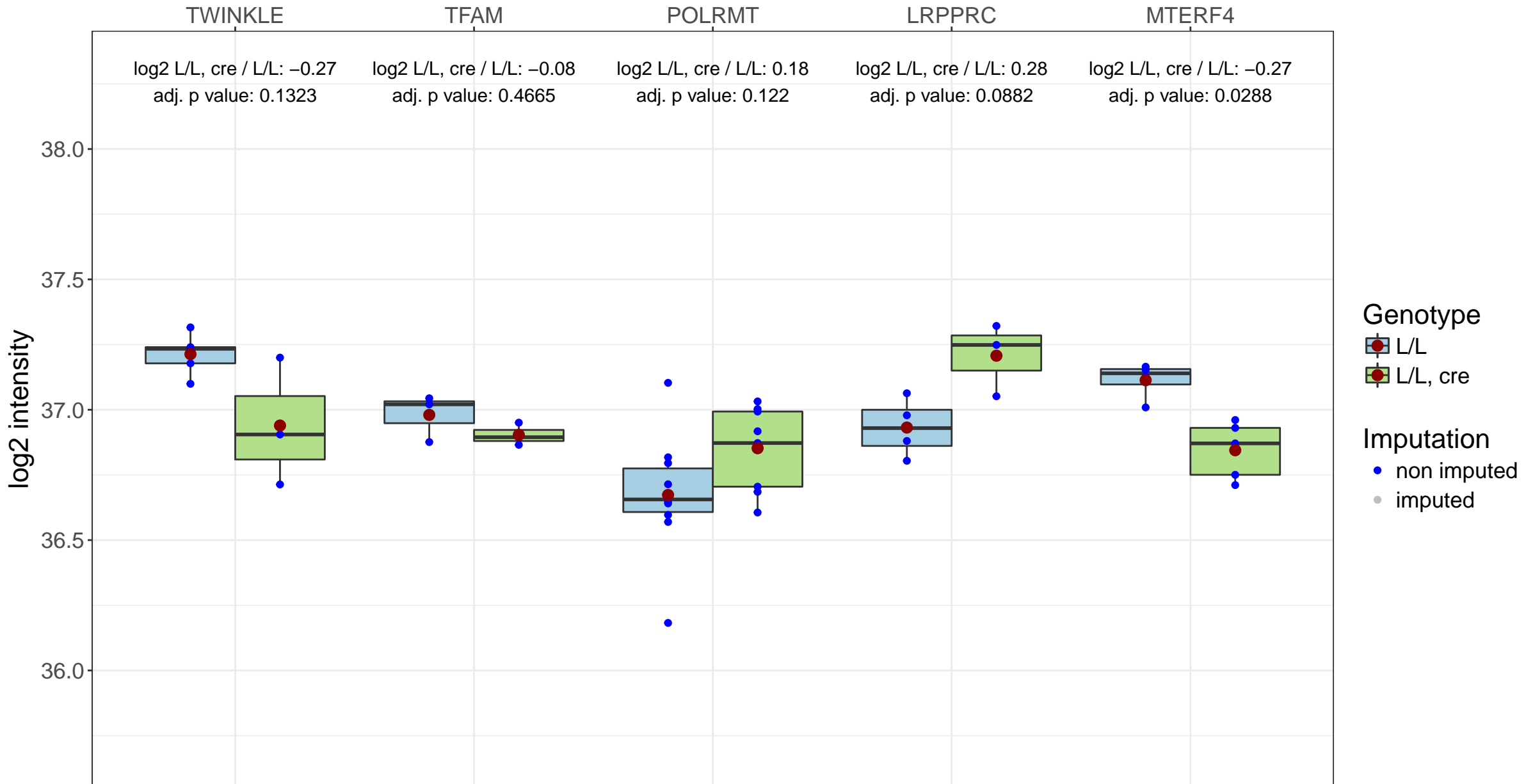
# CKAP4 / Q8BMK4



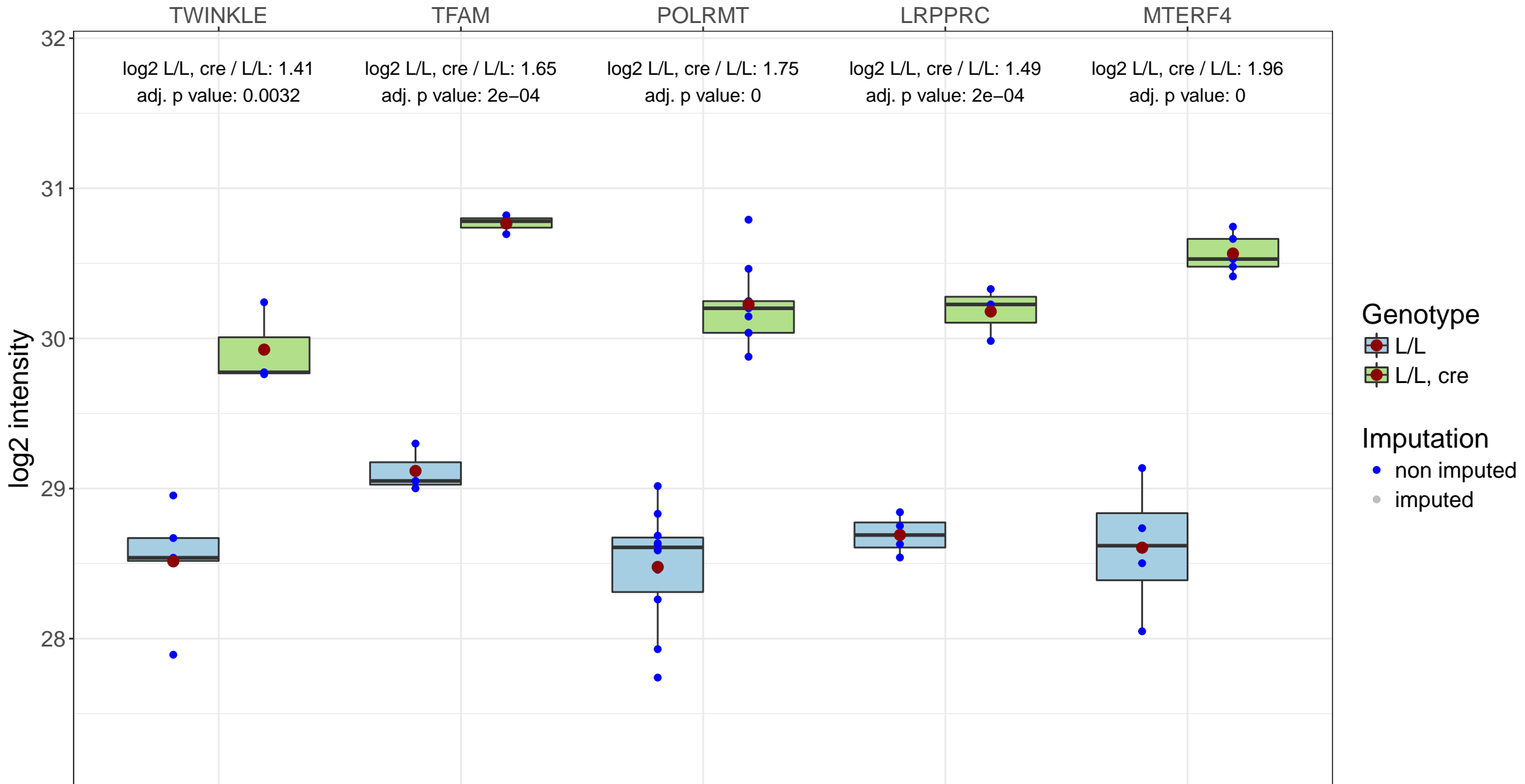
# CKM / P07310



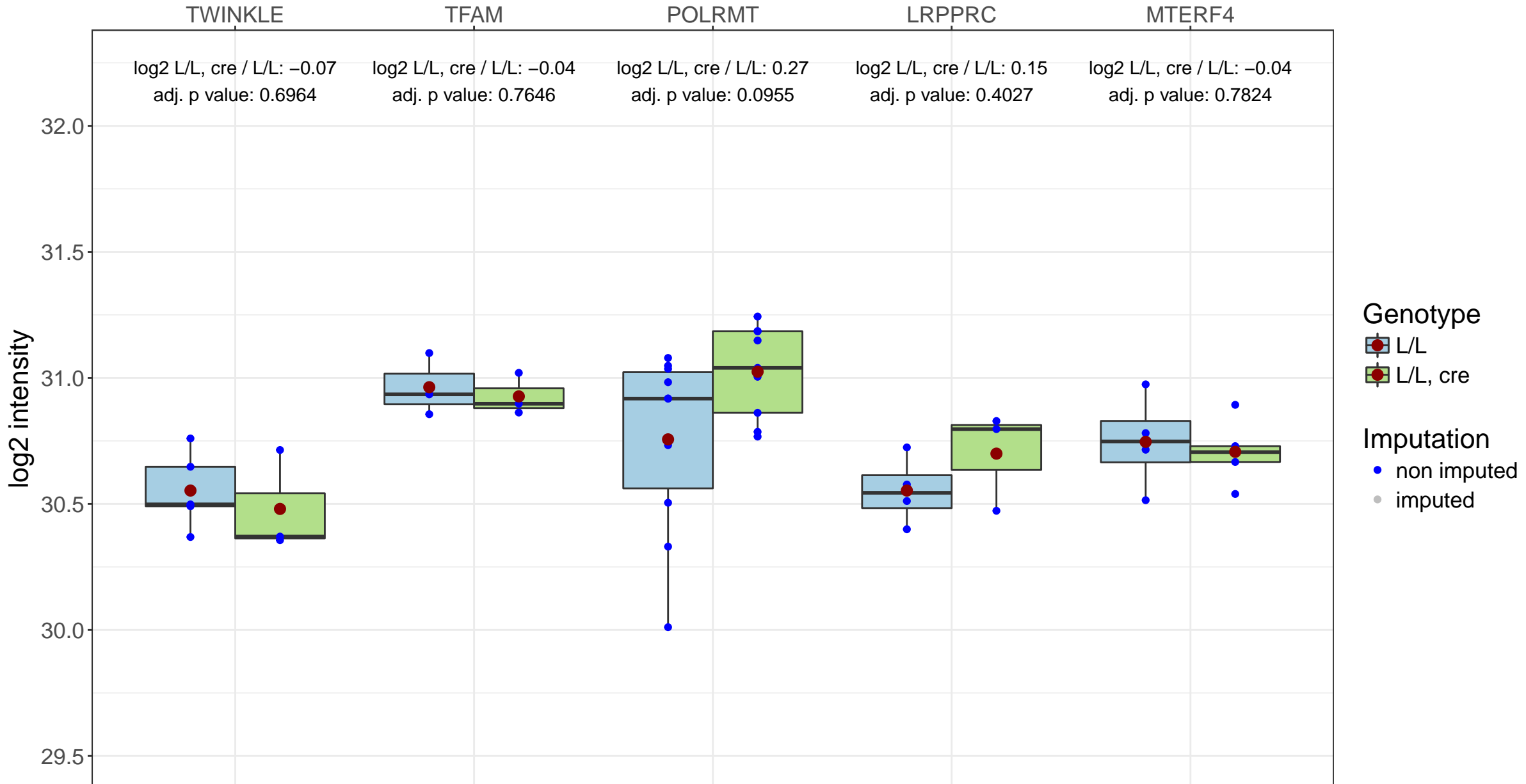
# CKMT2 / Q6P8J7



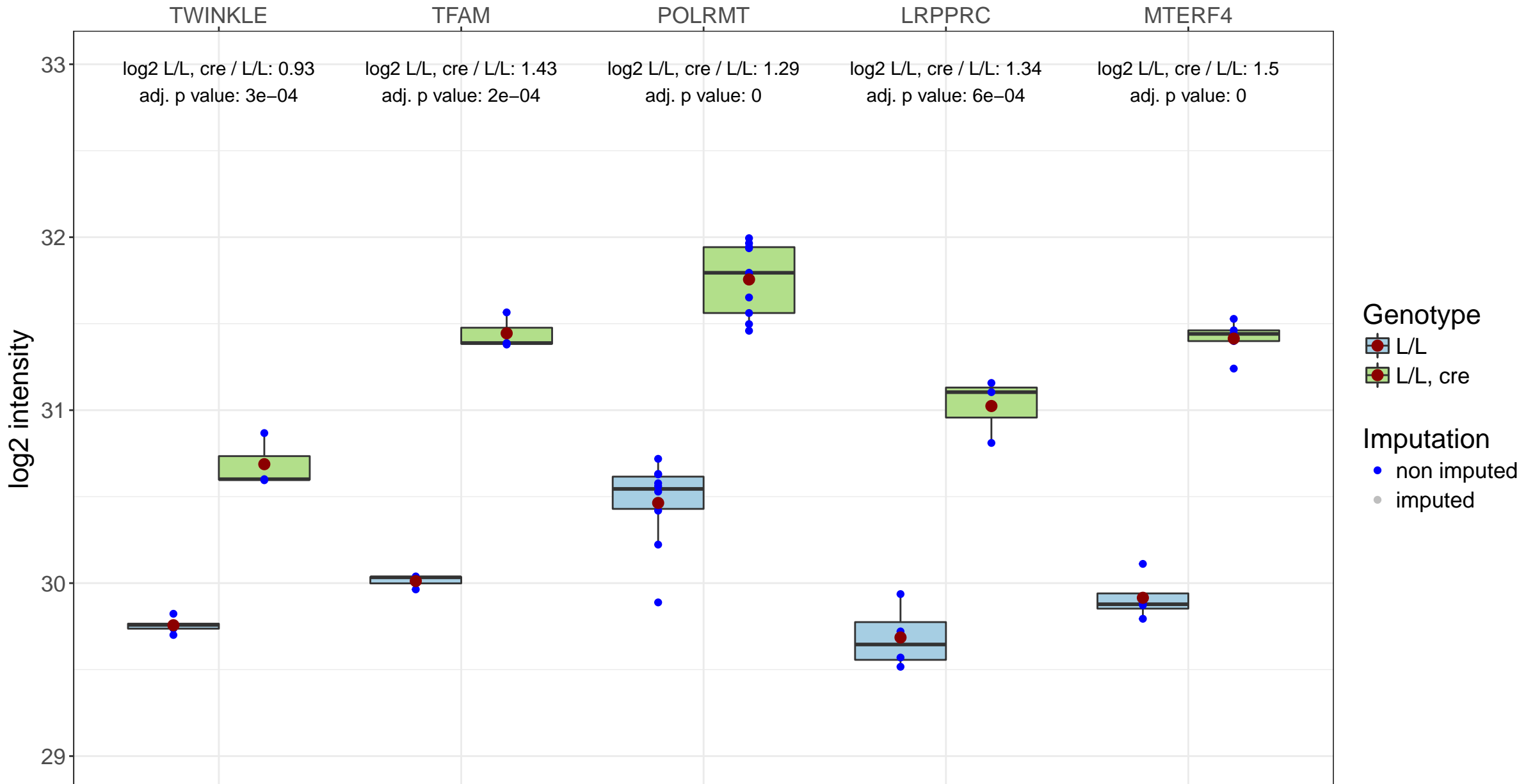
# CLPB / Q60649



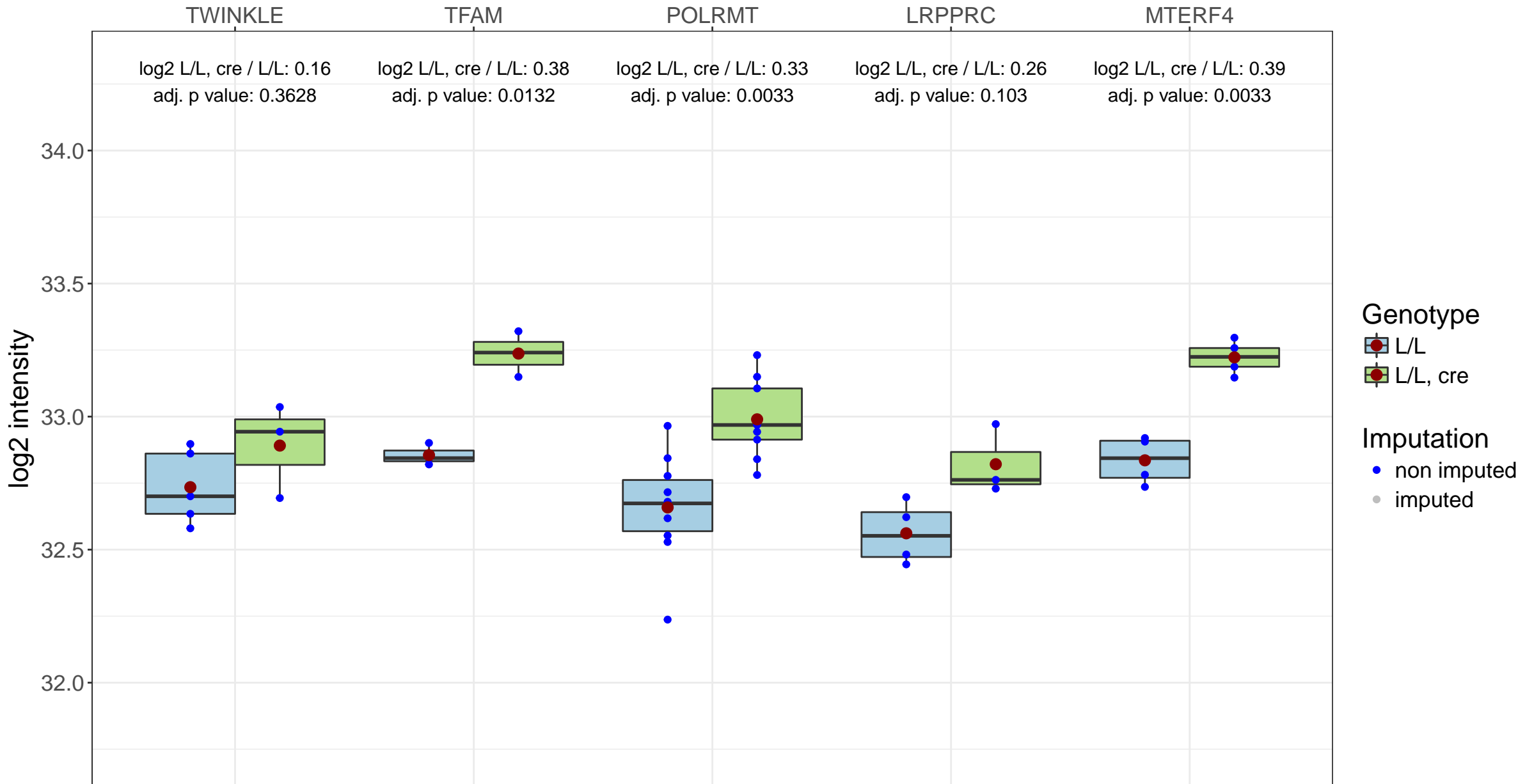
# CLPP / O88696



# CLPX / Q9JHS4

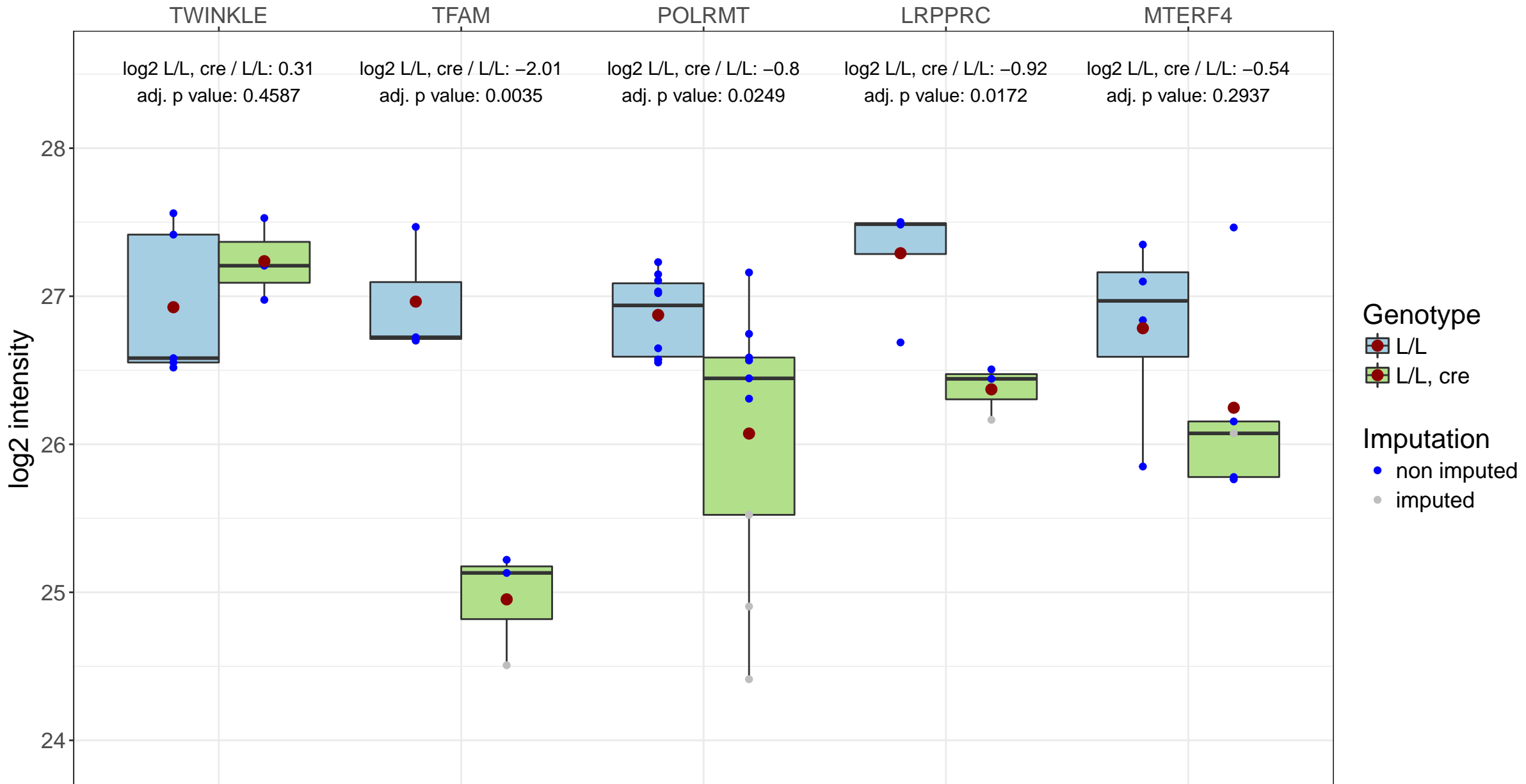


# CLYBL / Q8R4N0

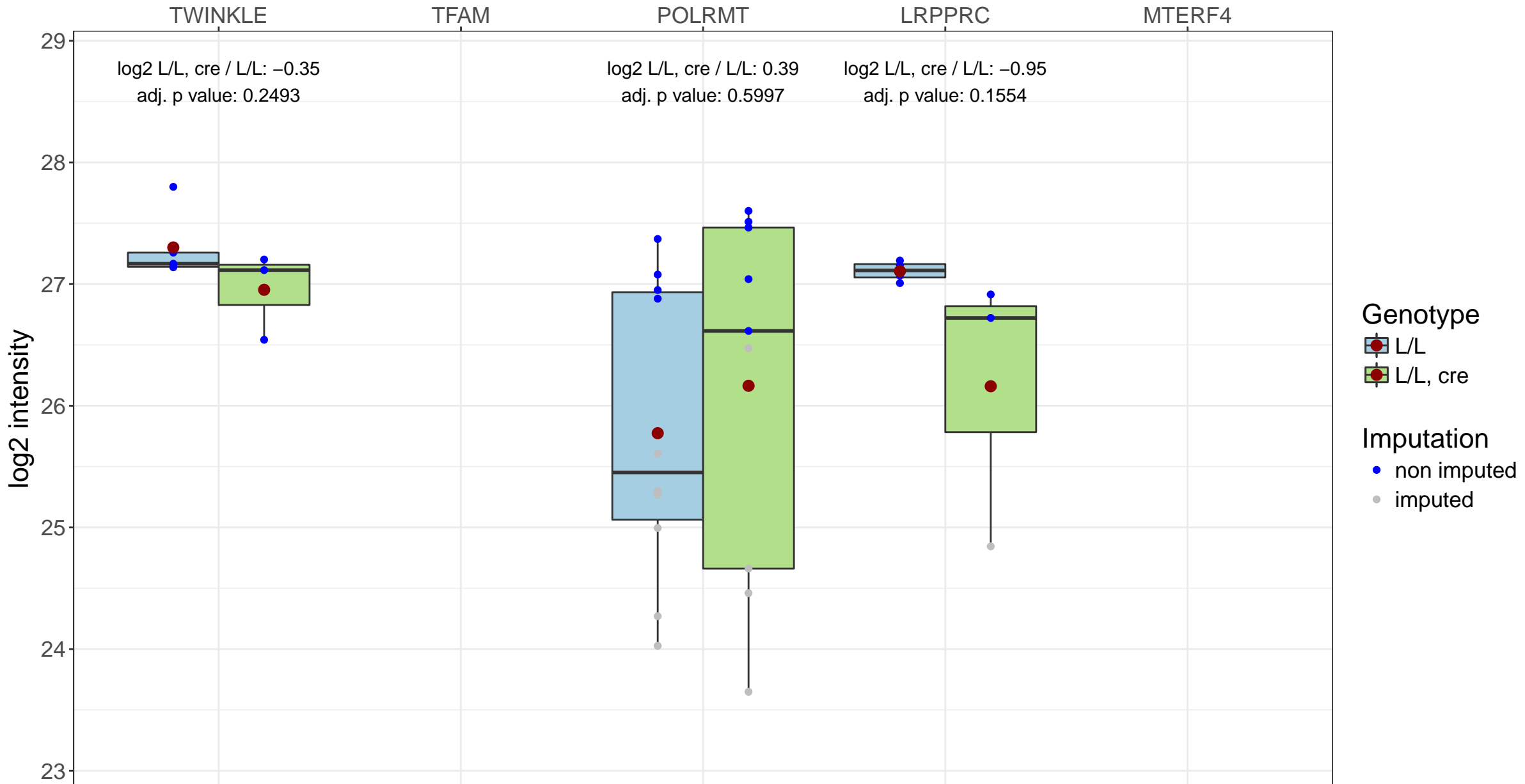




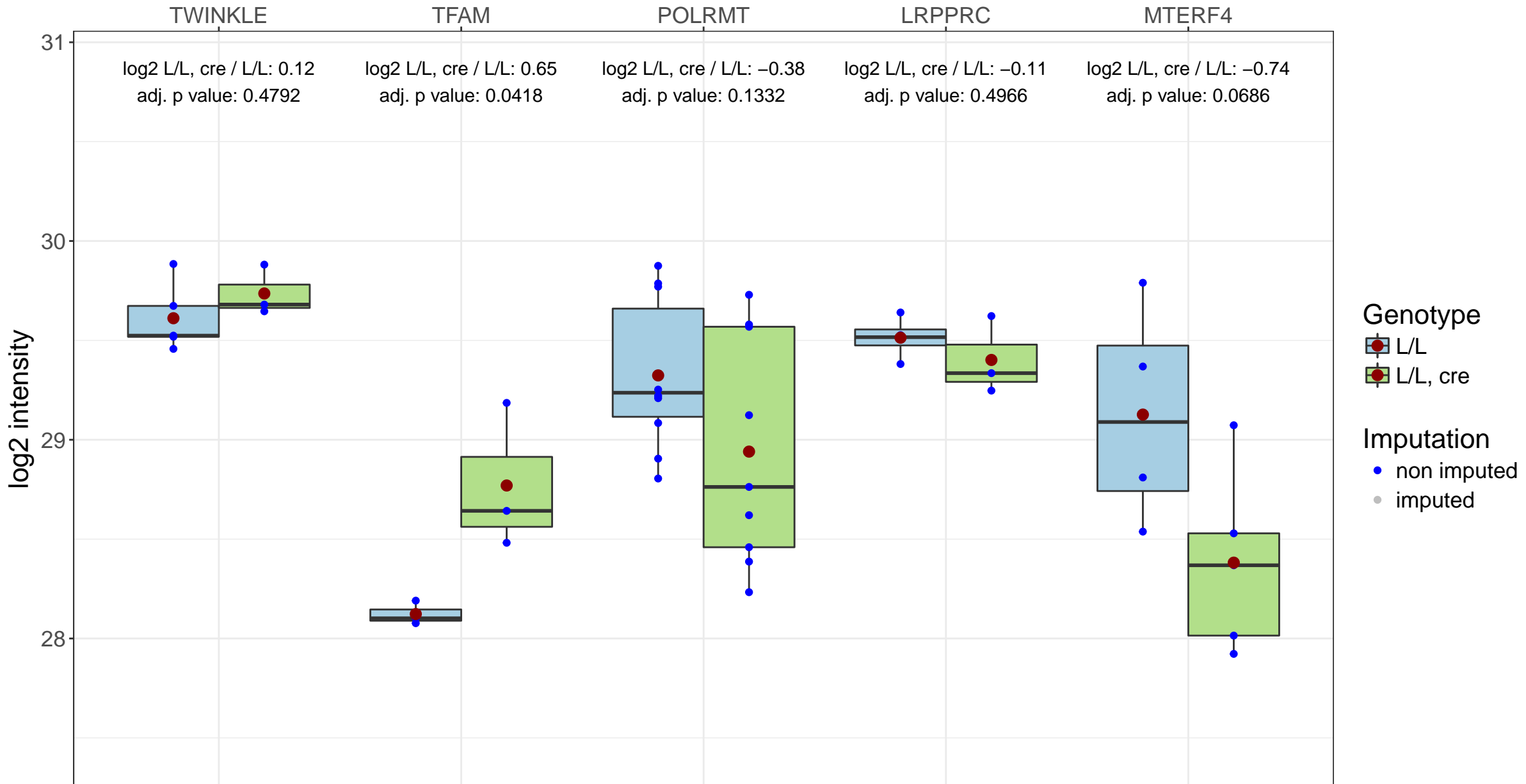
# CMA1 / A4QPC5



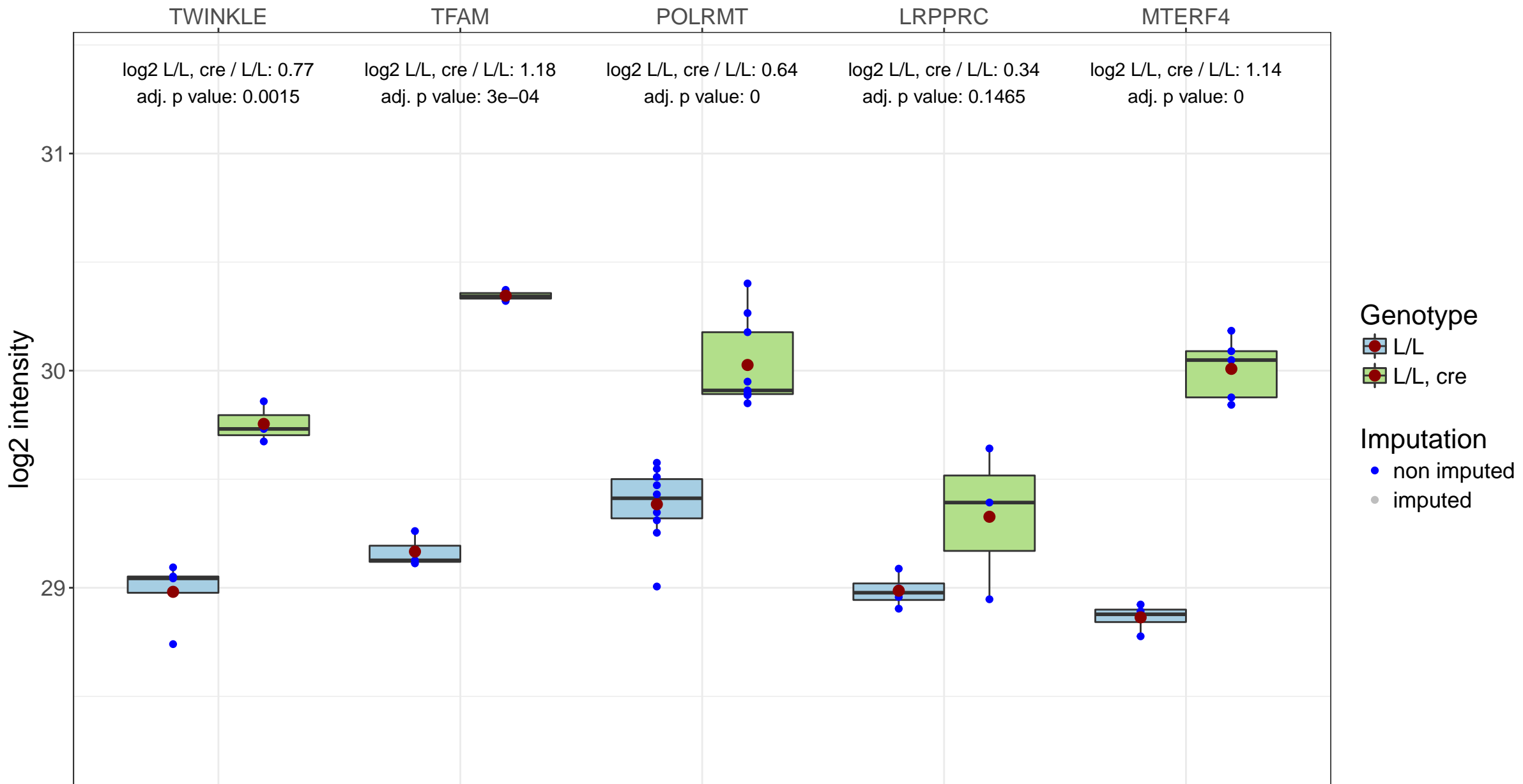
# CMC1 / Q9CPZ8



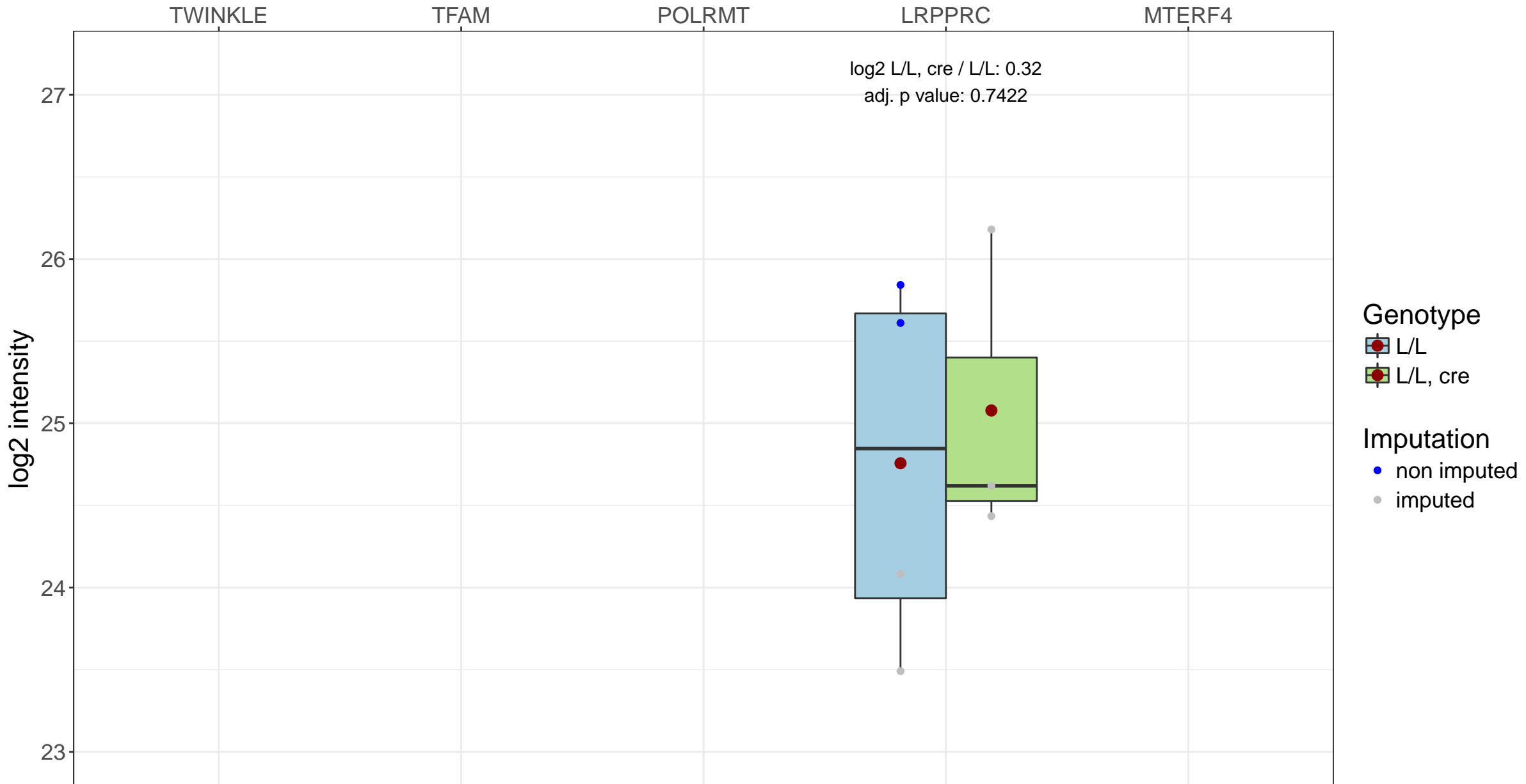
# CMC2 / Q8K199



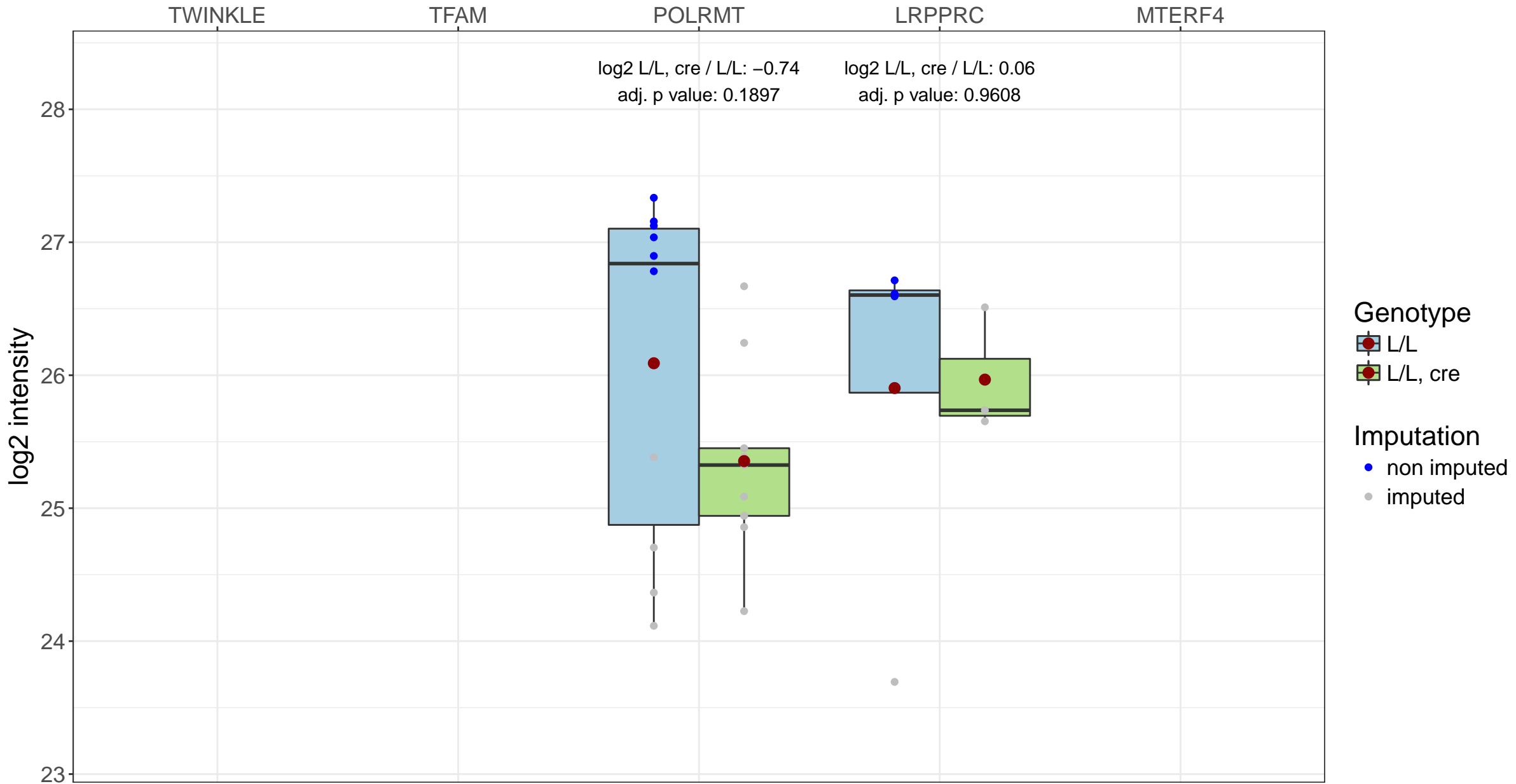
# COA3 / Q9D2R6



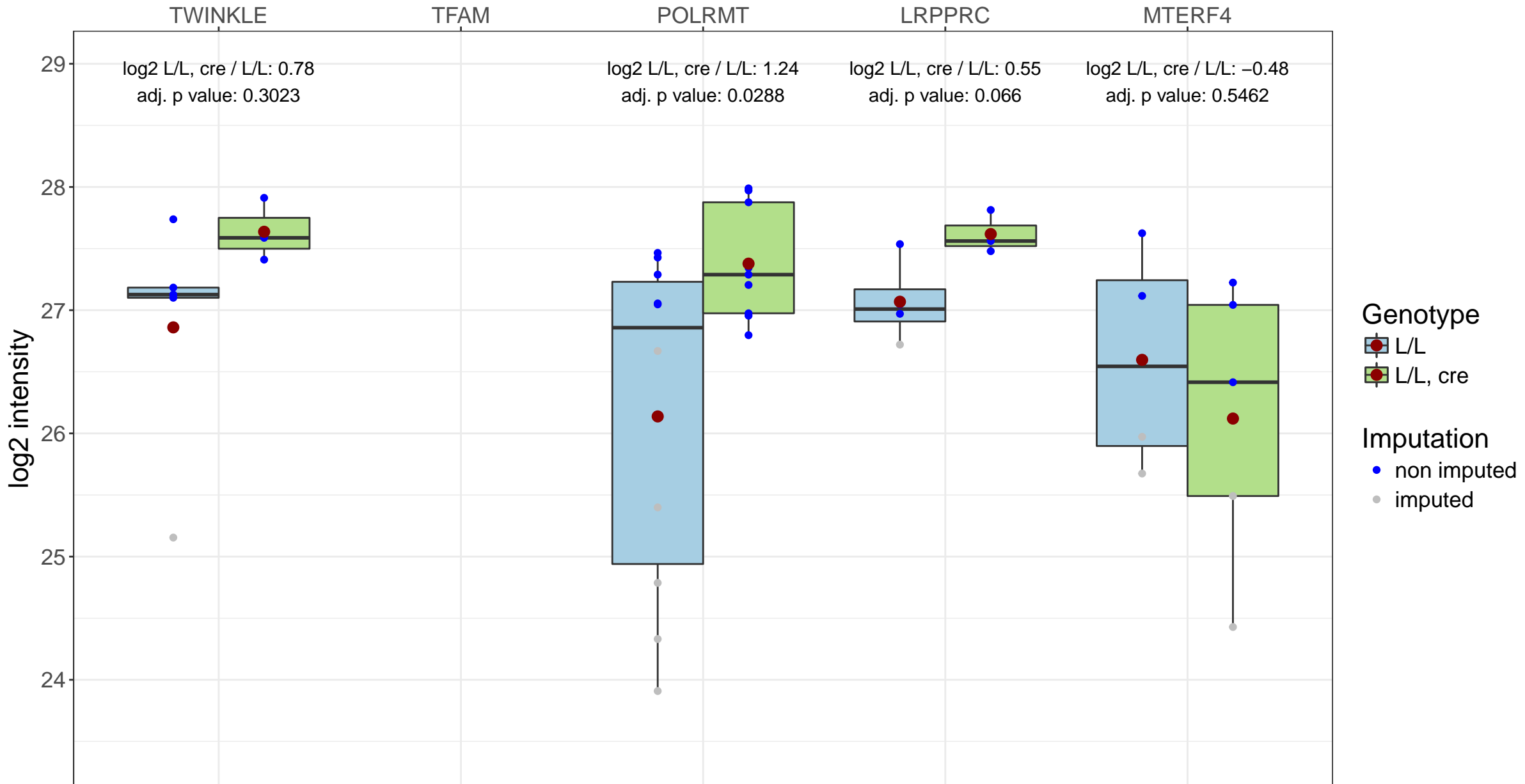
# COA4 / Q8BT51



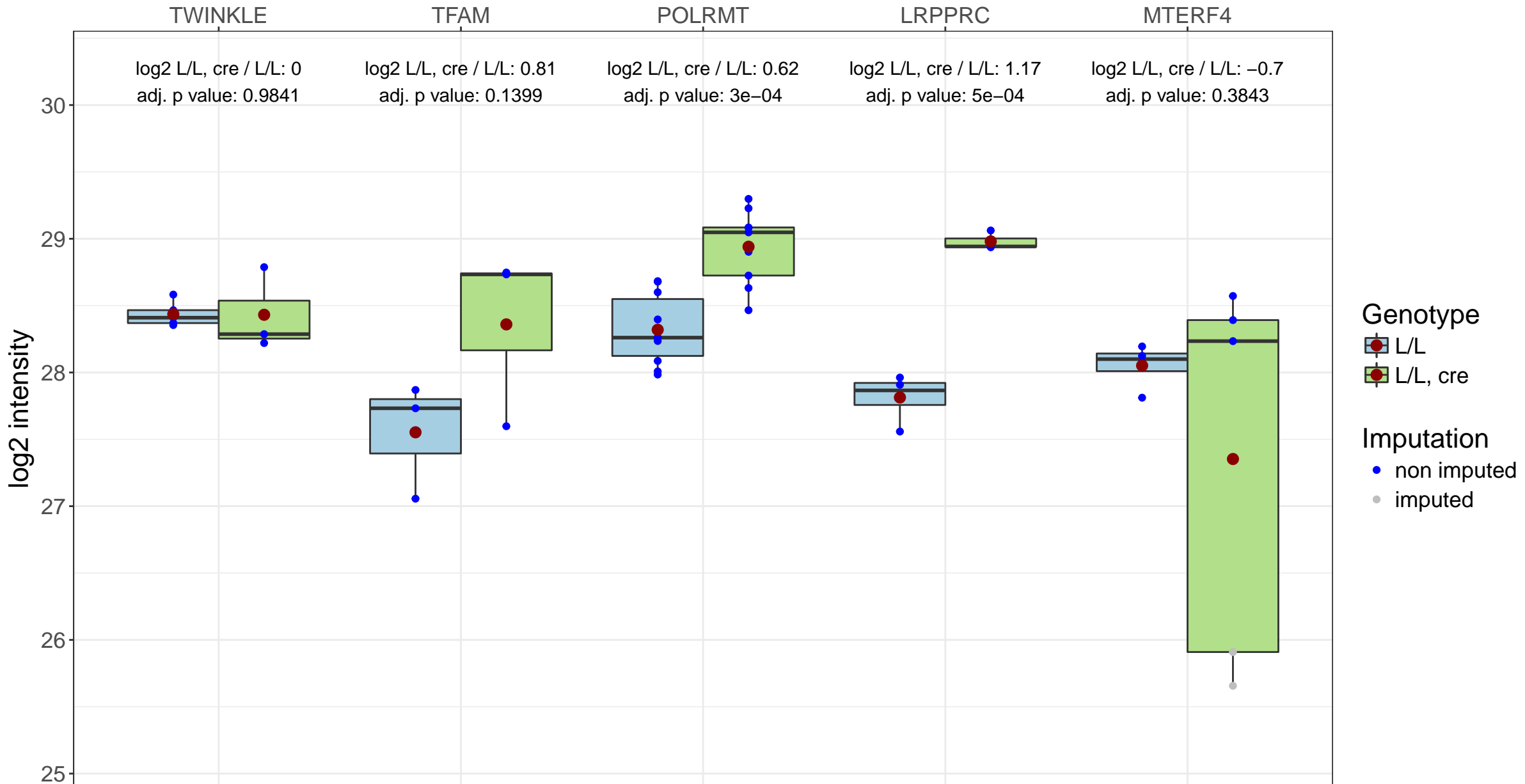
# COA5 / Q99M07



# COA6 / Q8BGD8

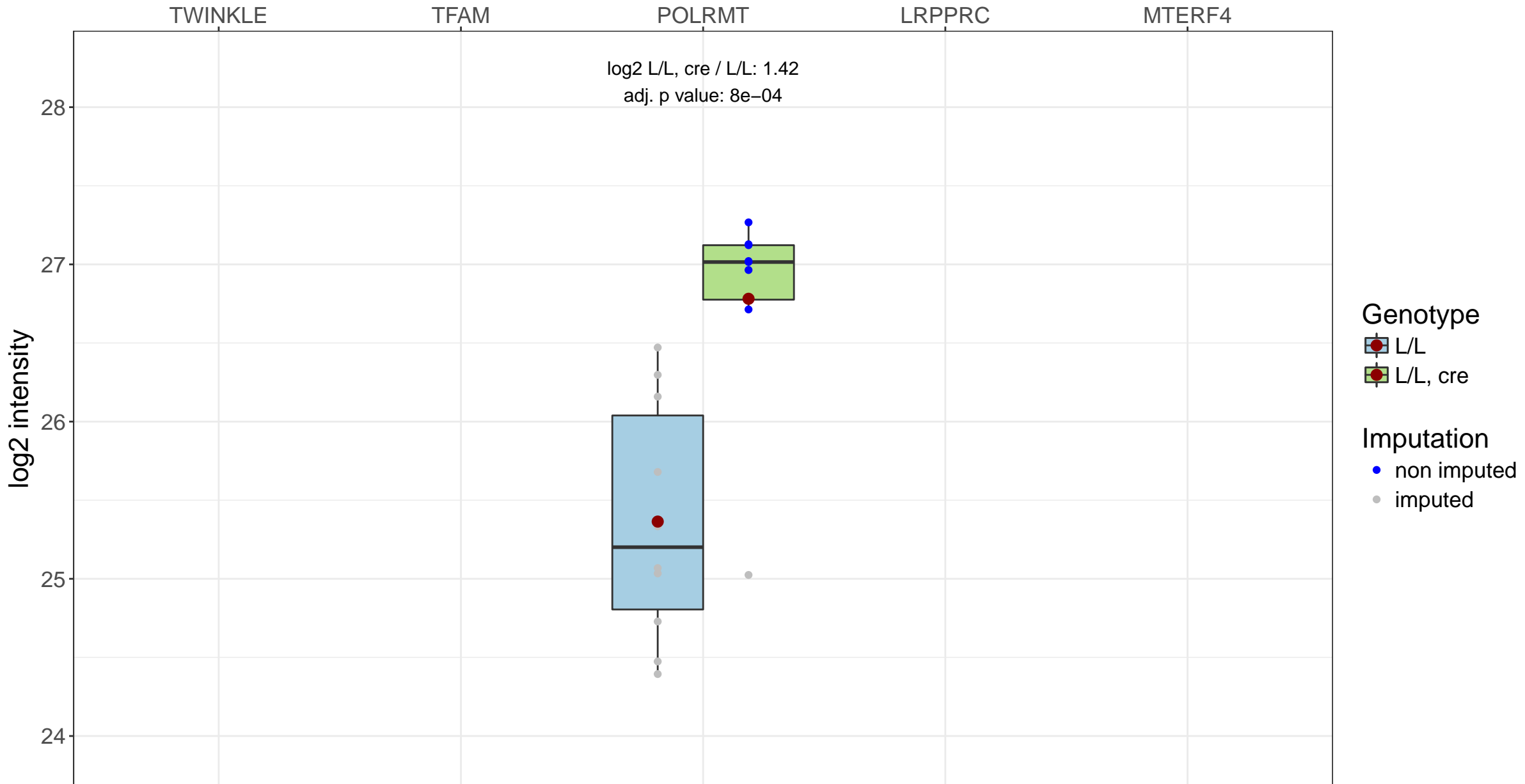


# COA7 / Q921H9

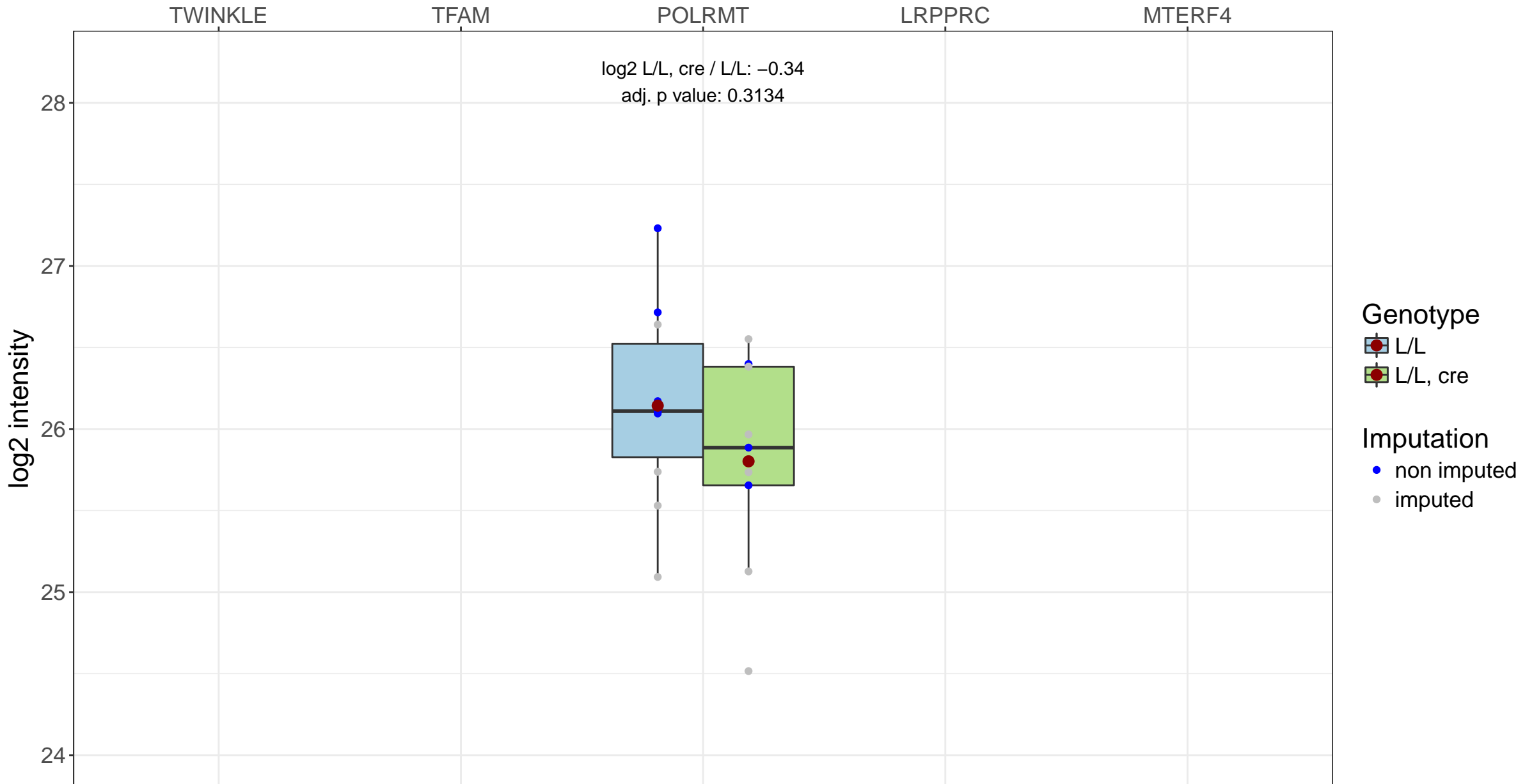




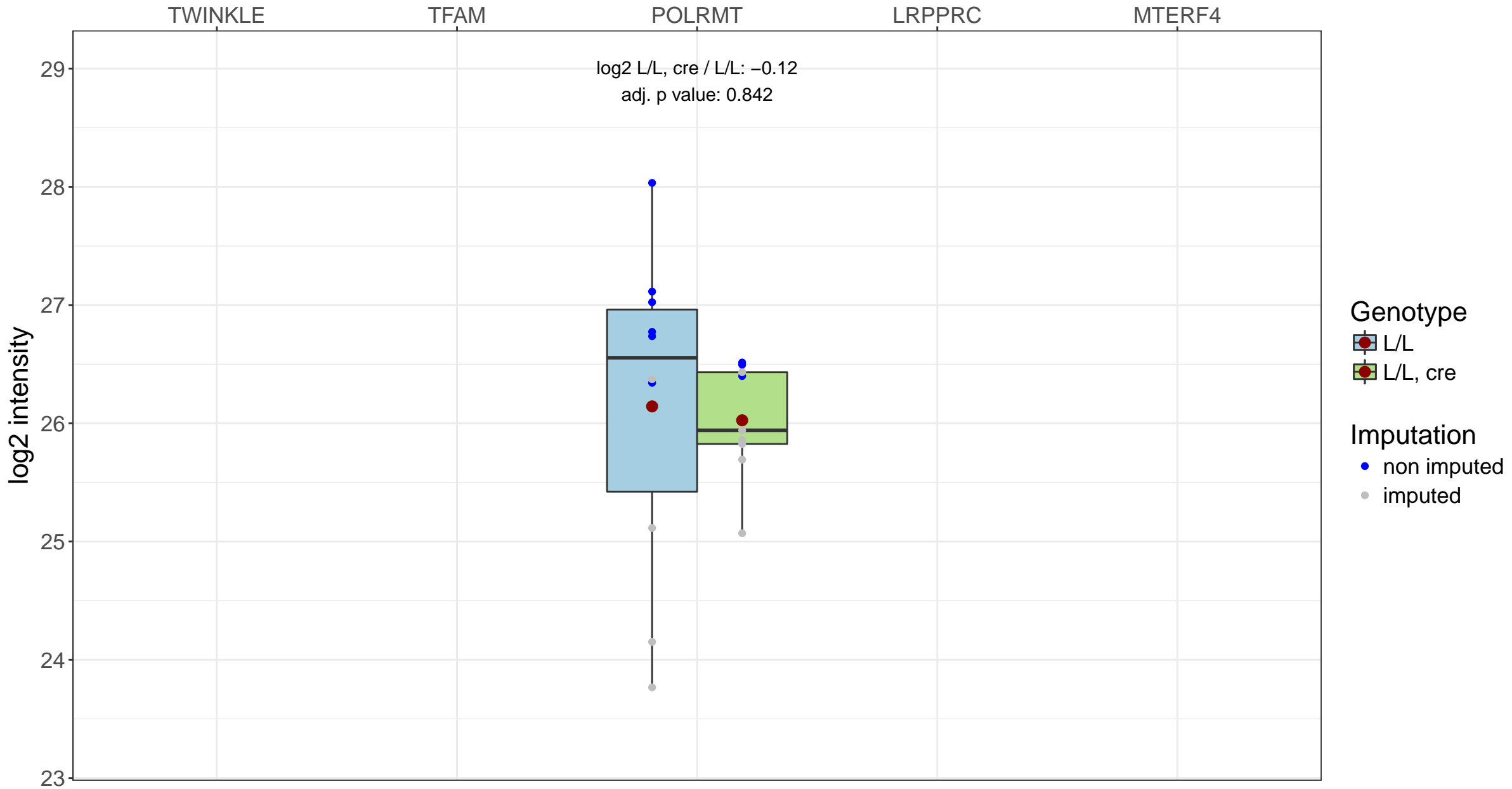
# COASY / Q9DBL7



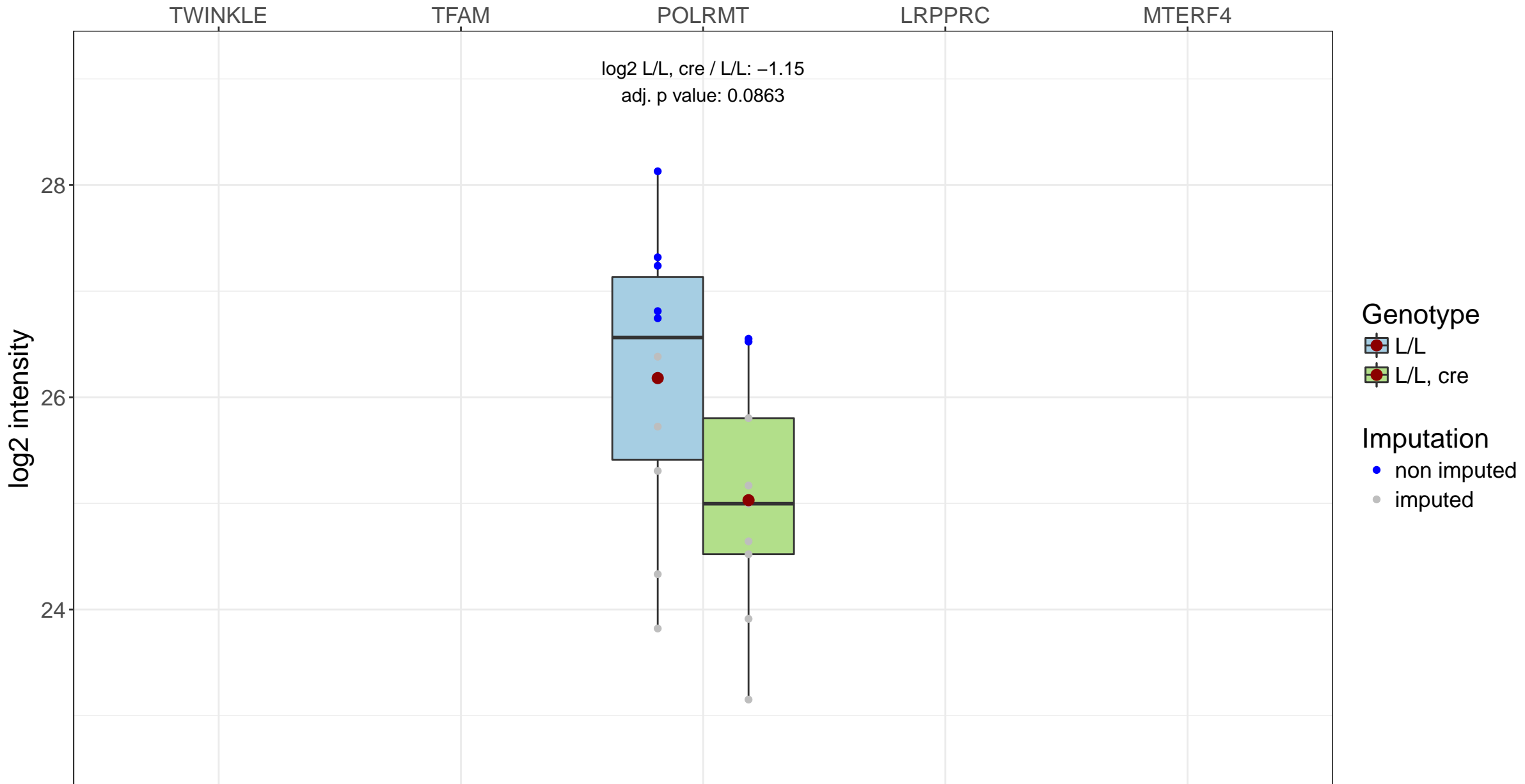
# COL1A2 / Q01149



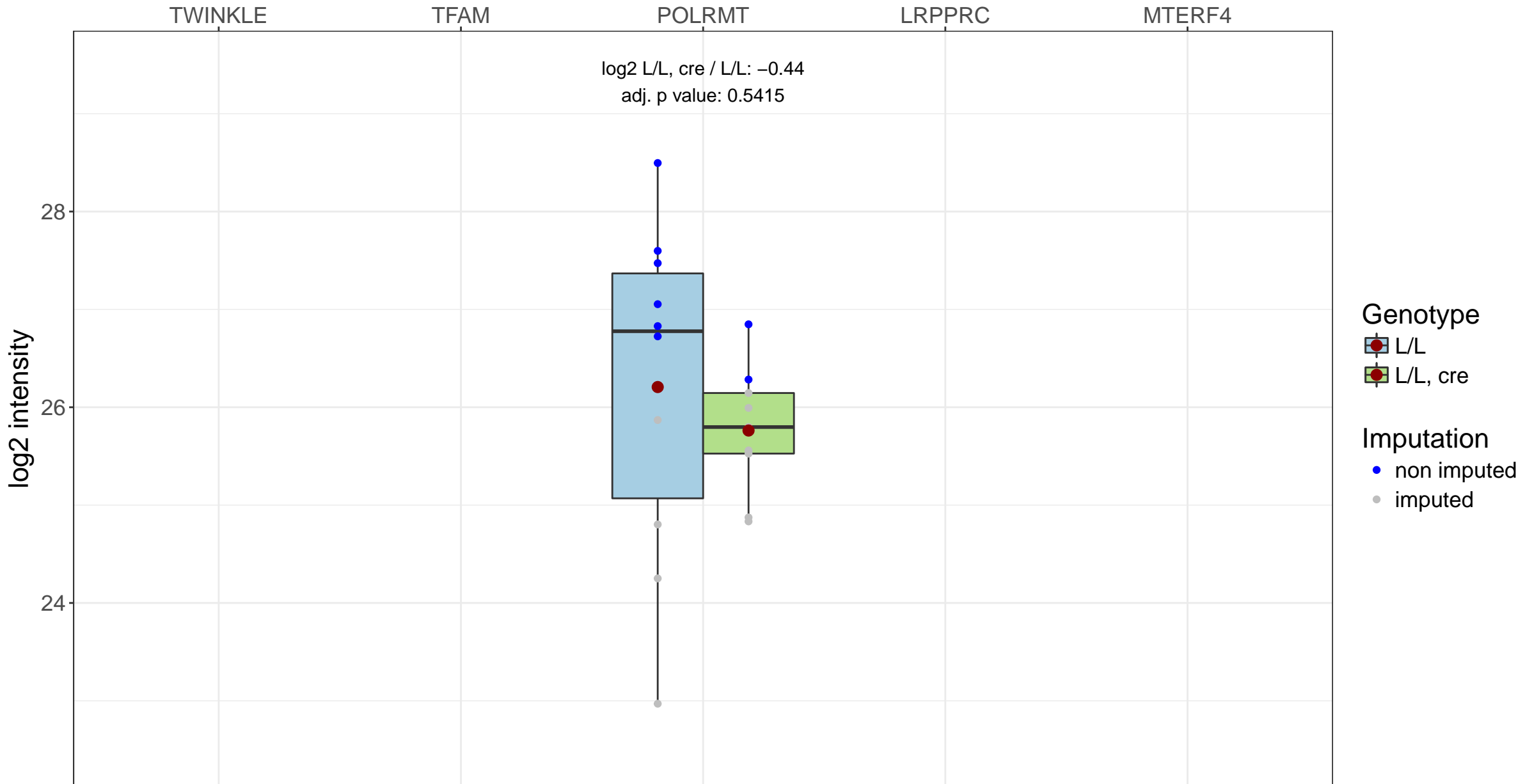
# COL6A1 / Q04857



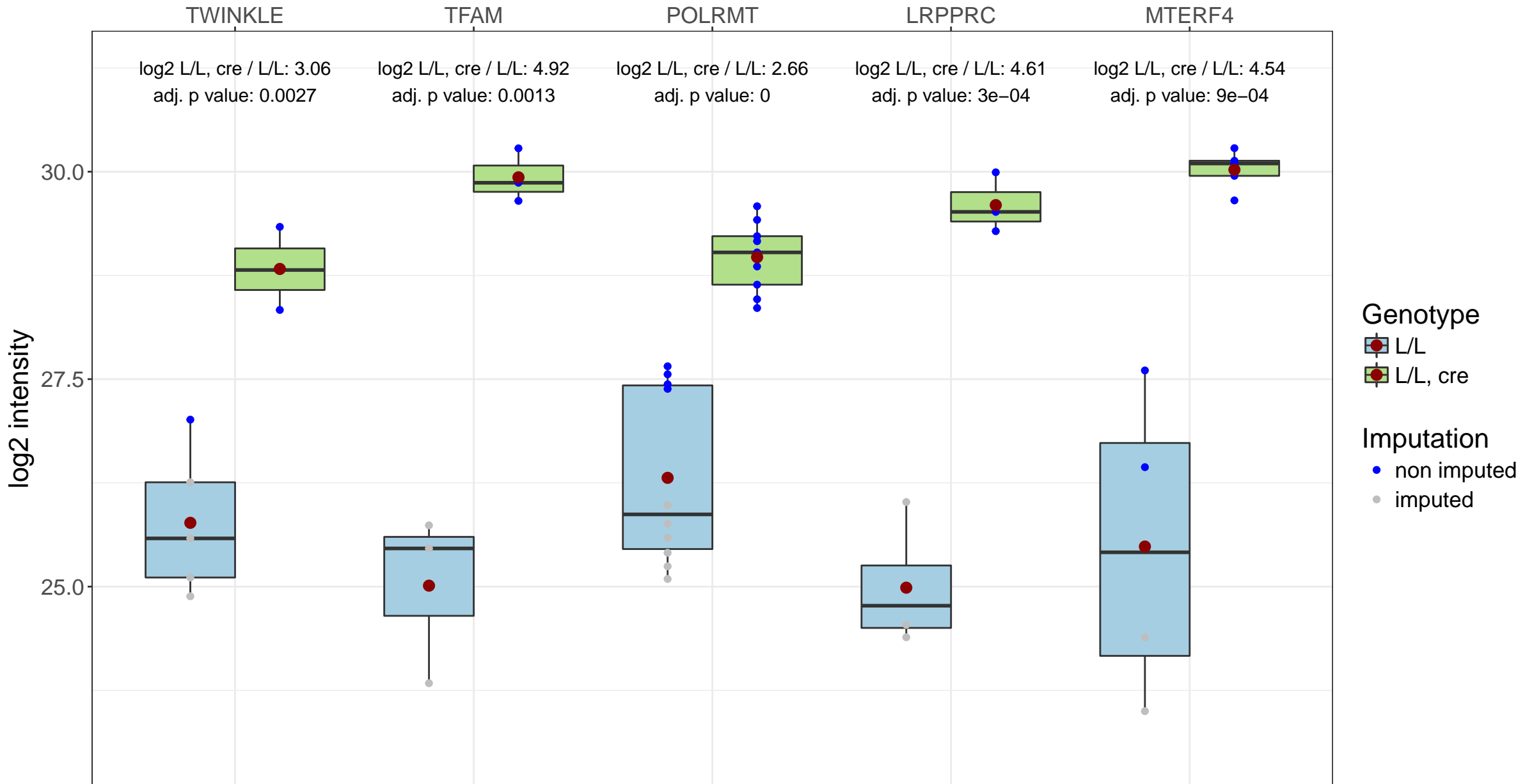
# COL6A2 / Q02788



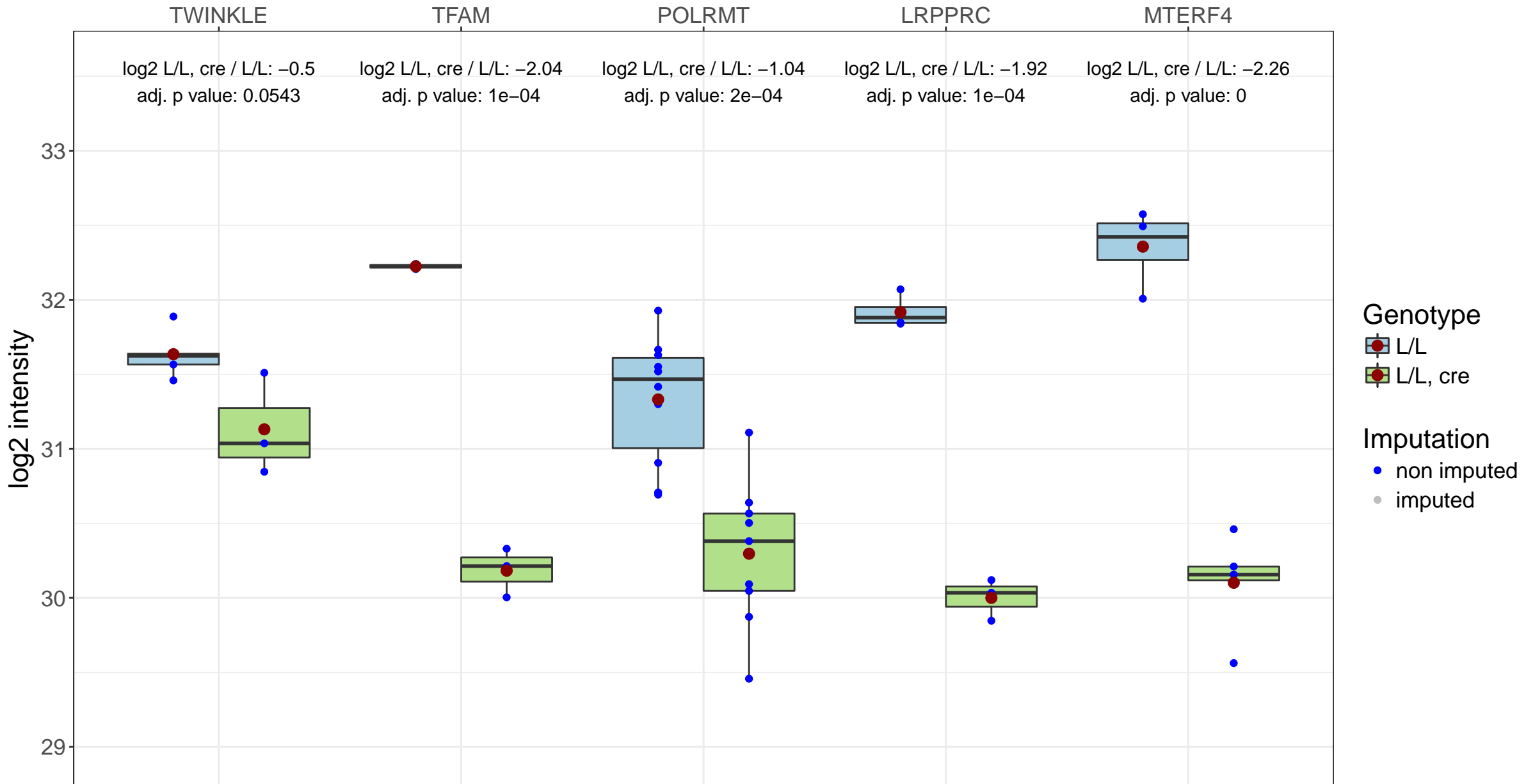
# COL6A3 / J3QQ16



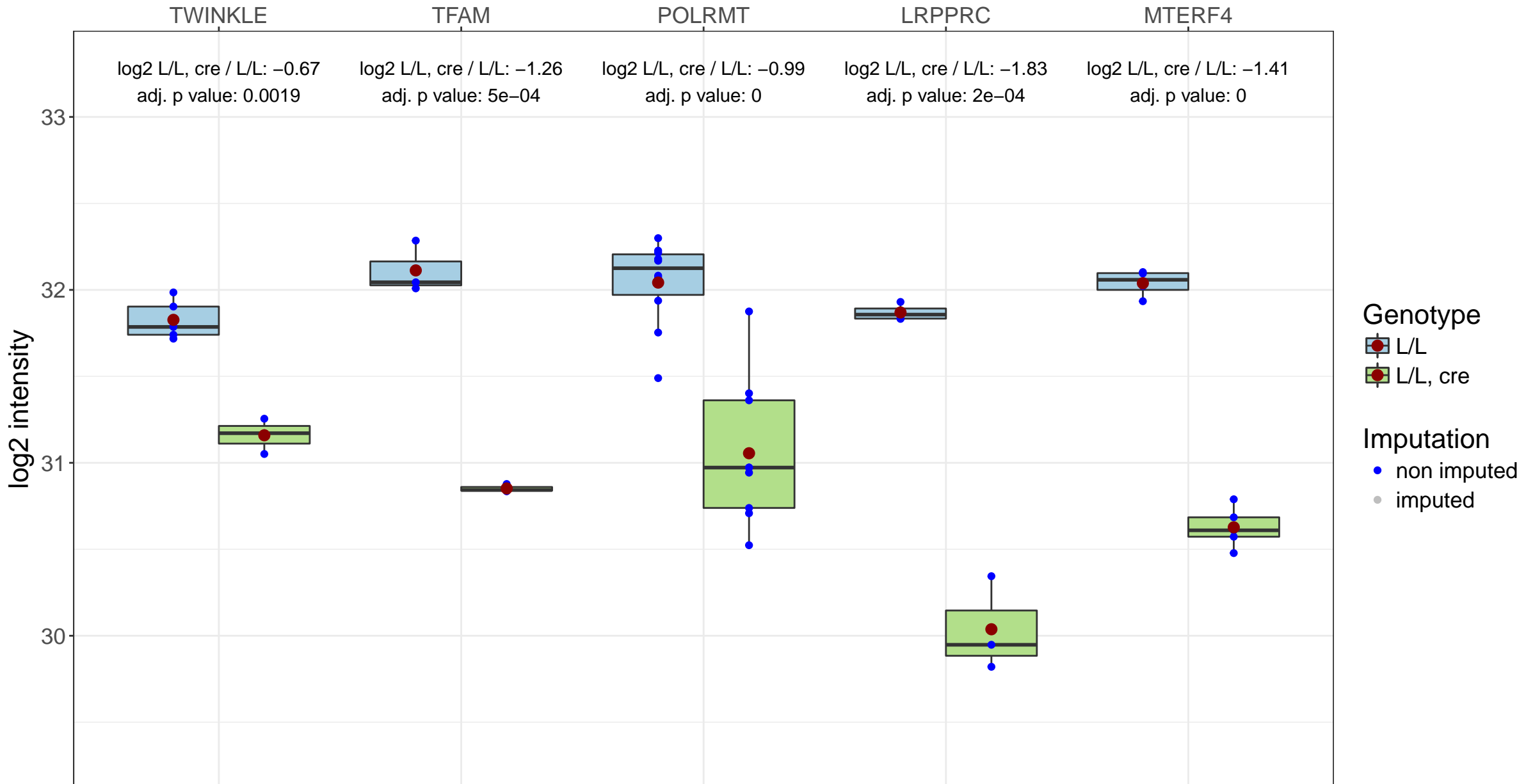
# COMTD1 / Q8BIG7



# COQ10A / E9Q3H6

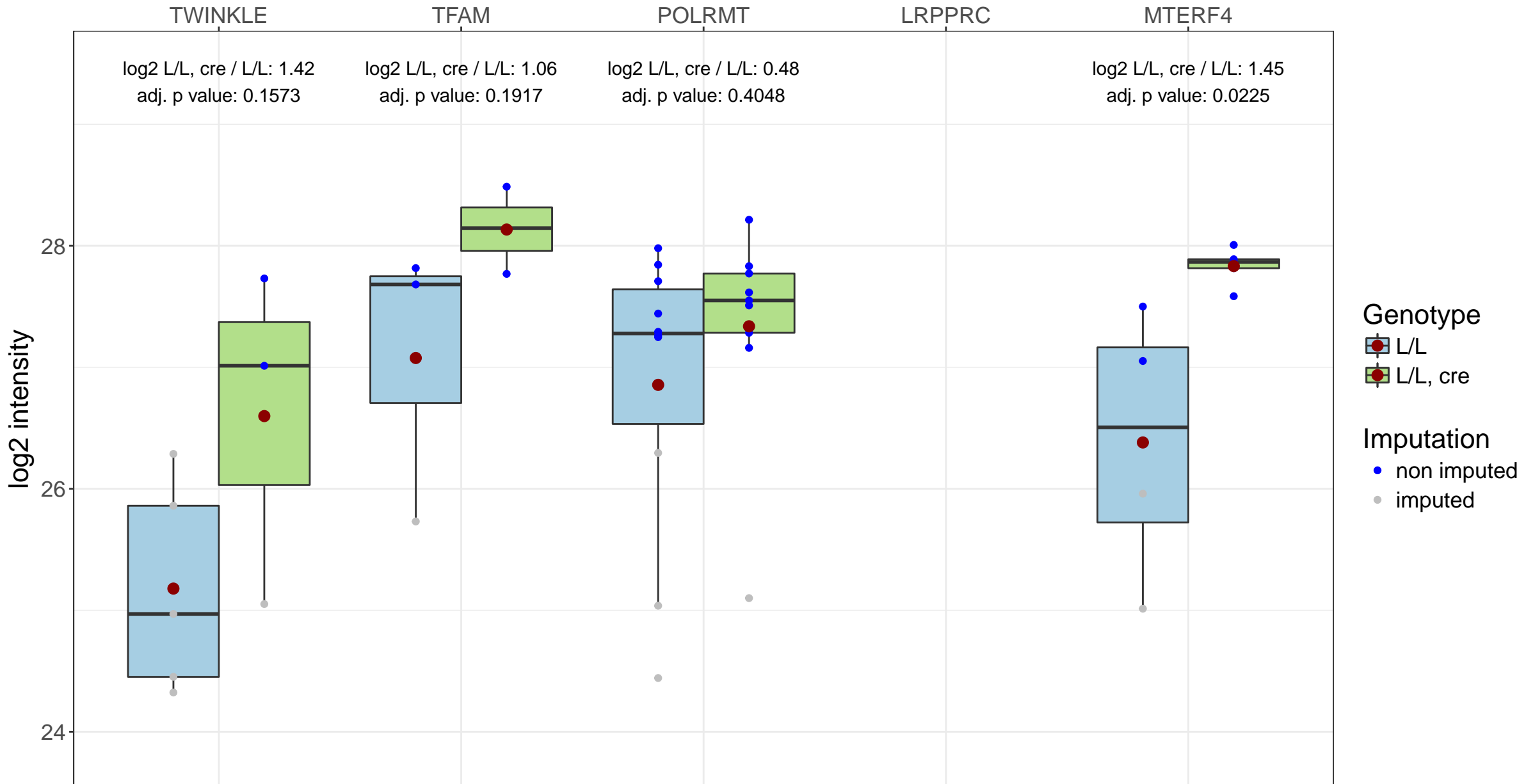


# COQ3 / Q8BMS4

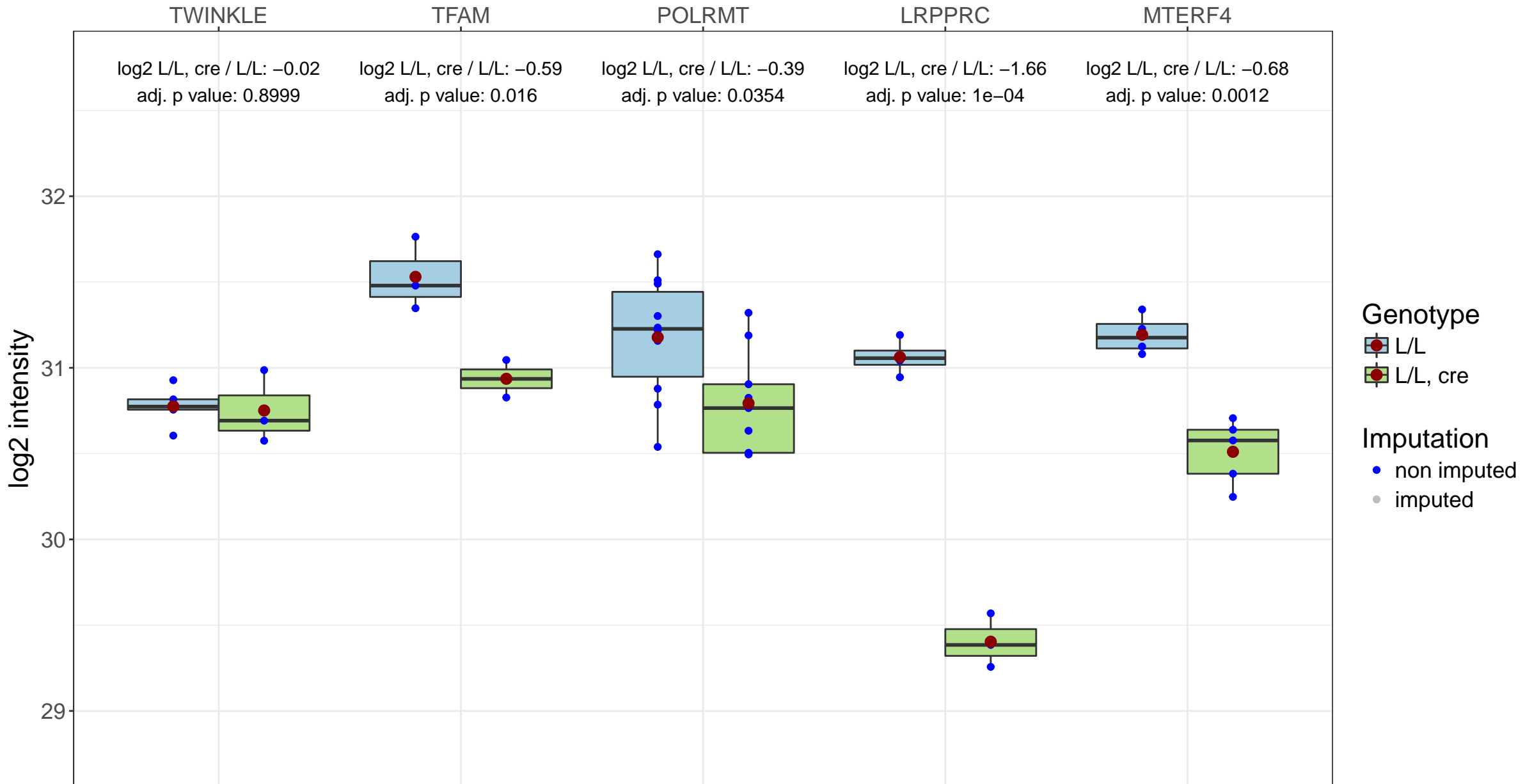




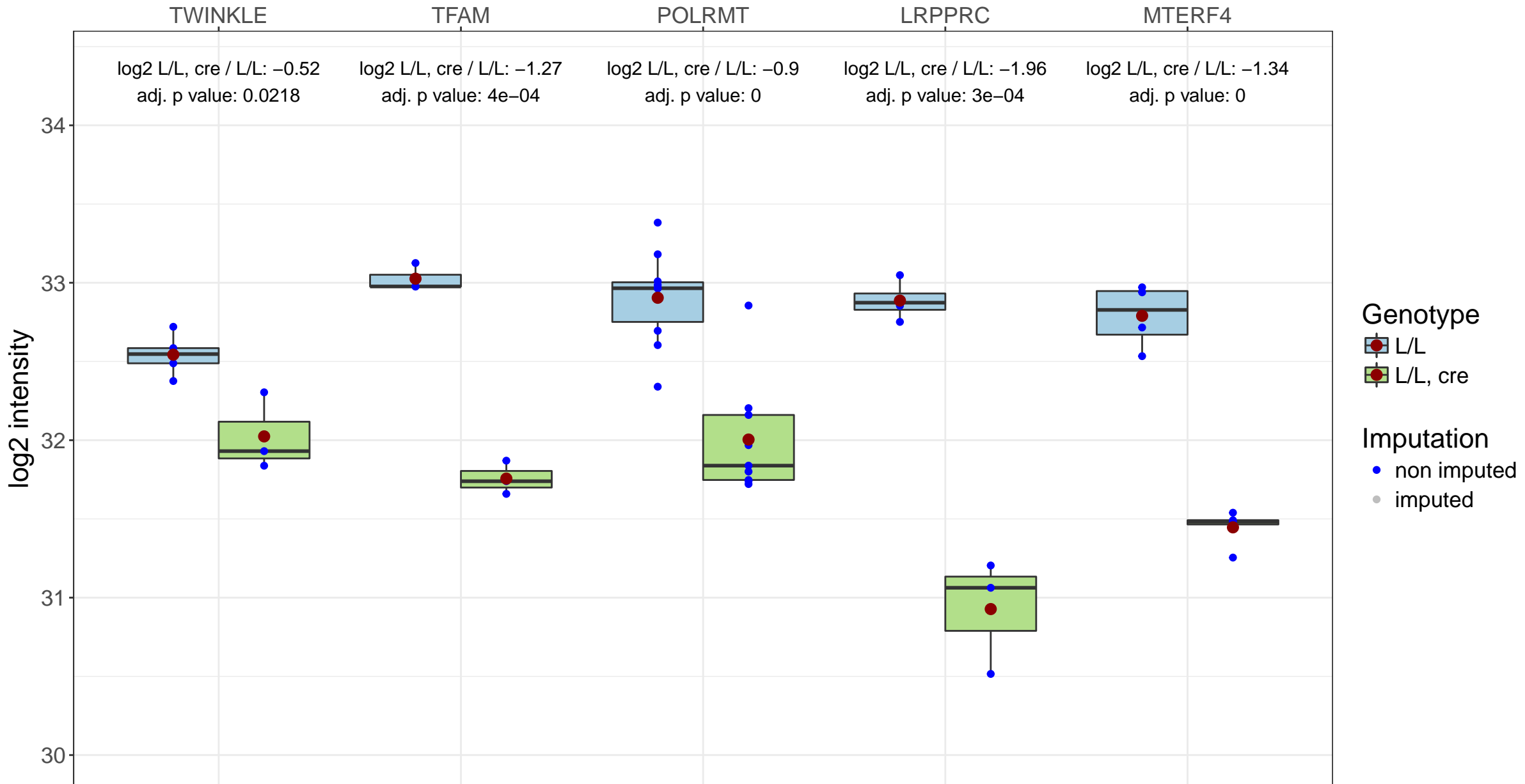
# COQ4 / Q8BGB8



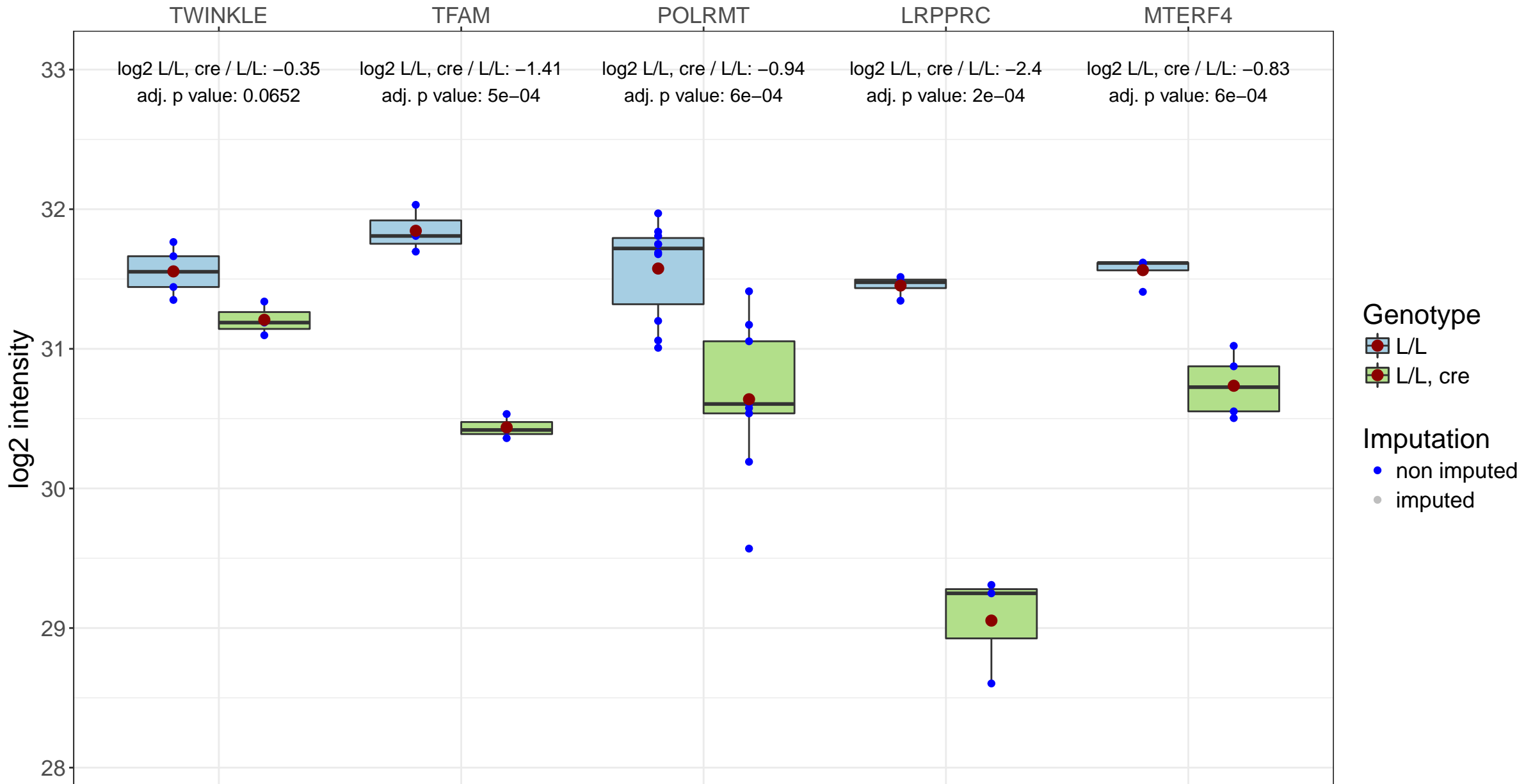
# COQ5 / Q9CX10



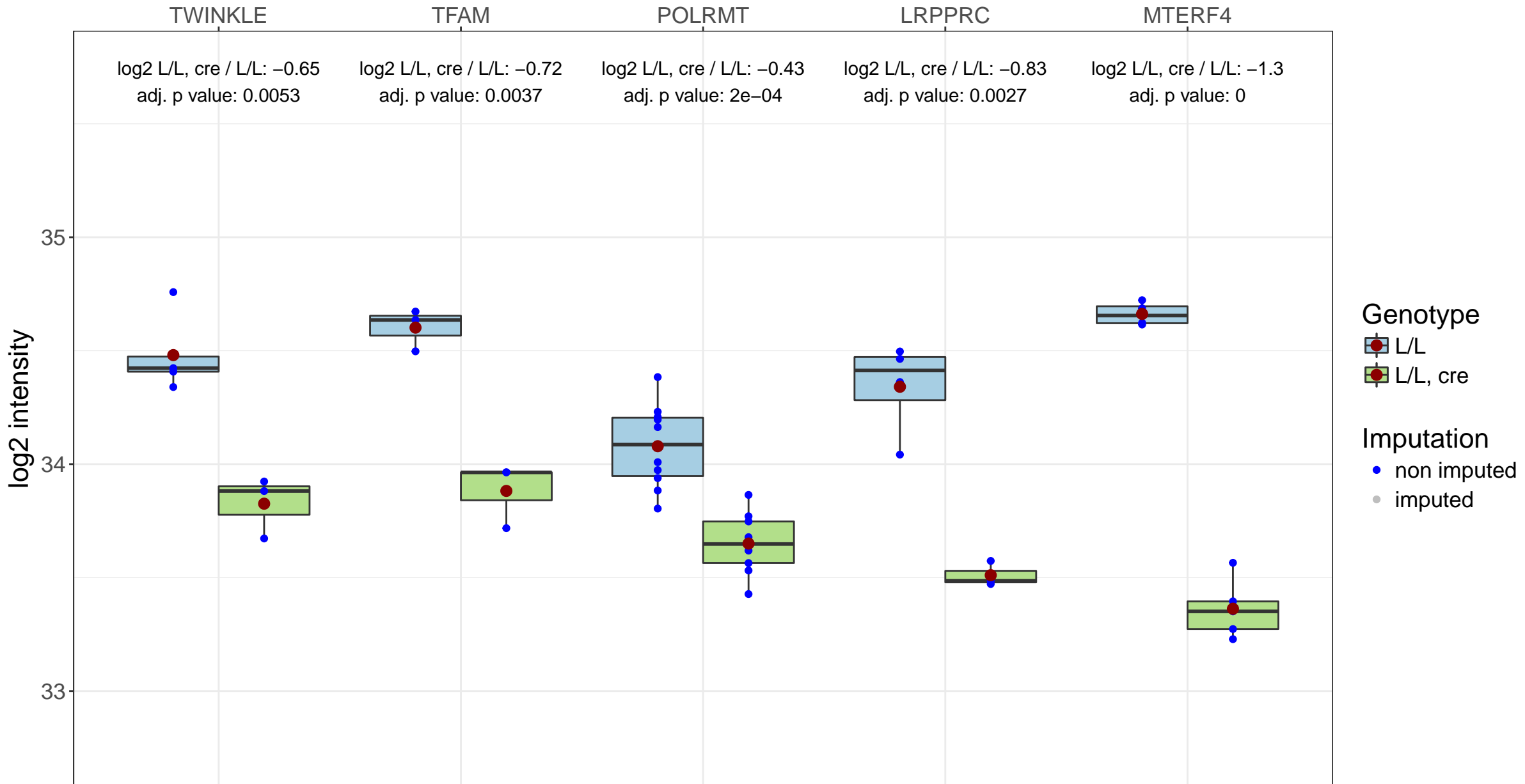
# COQ6 / Q8R1S0



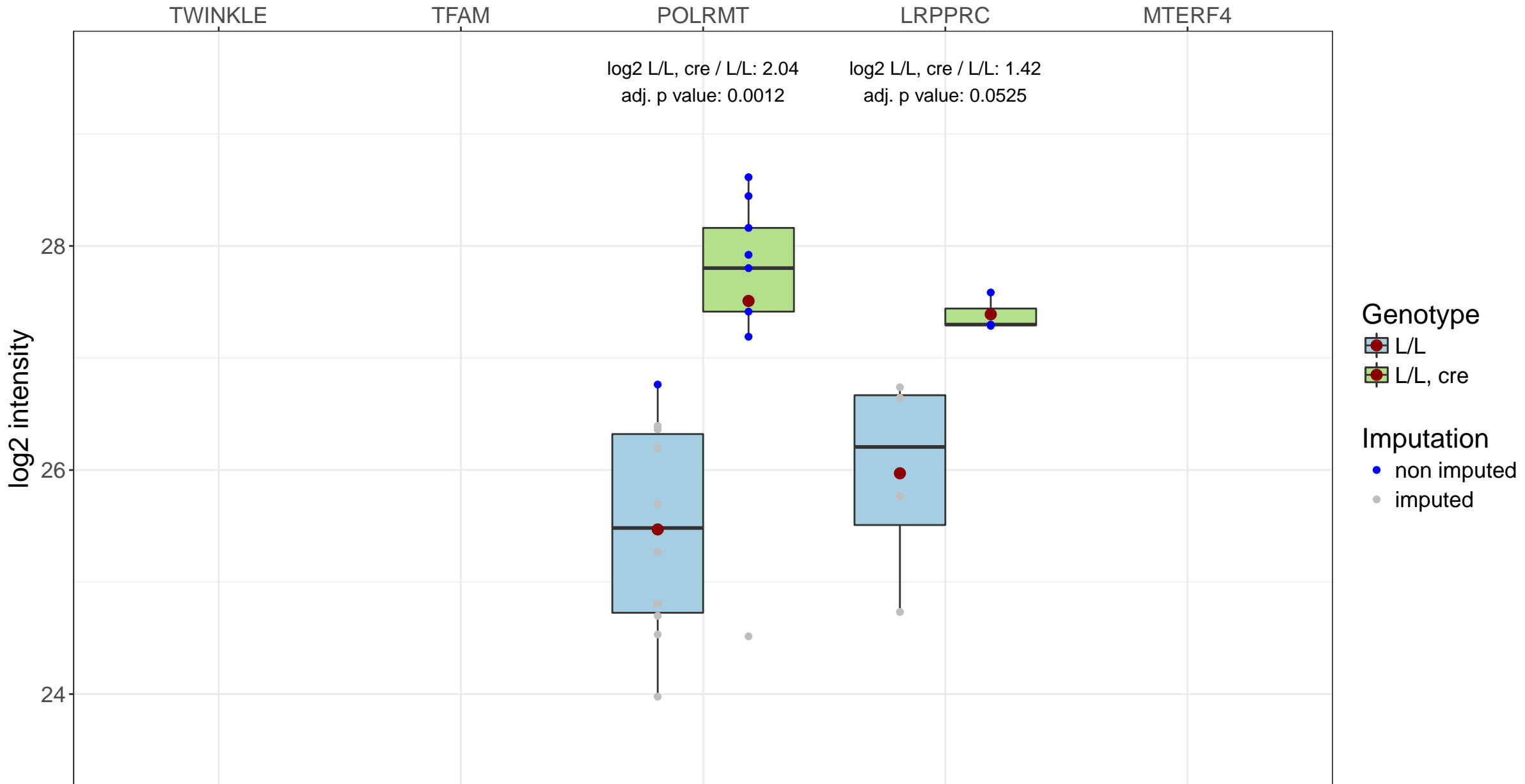
# COQ7 / P97478



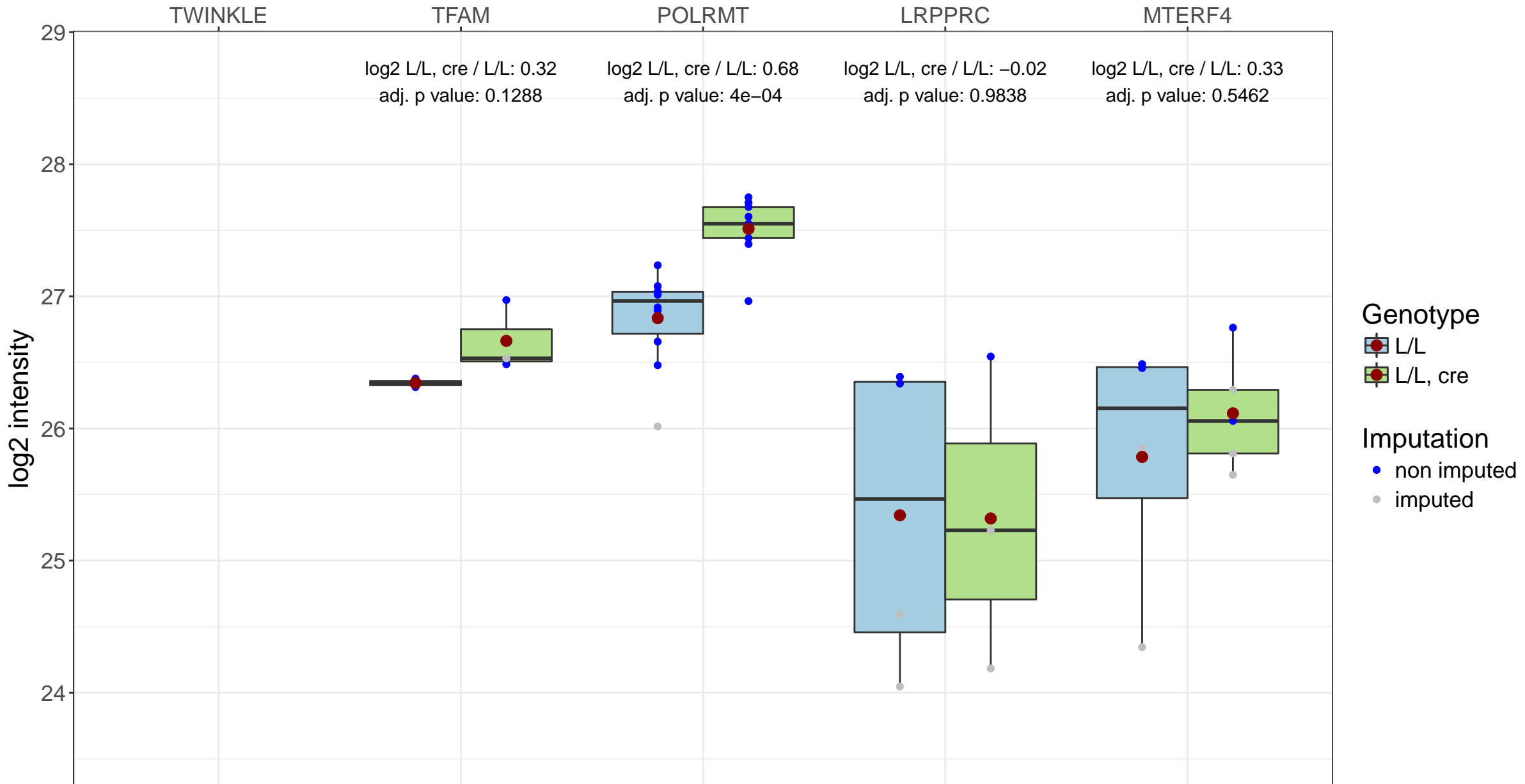
# COQ9 / Q8K1Z0



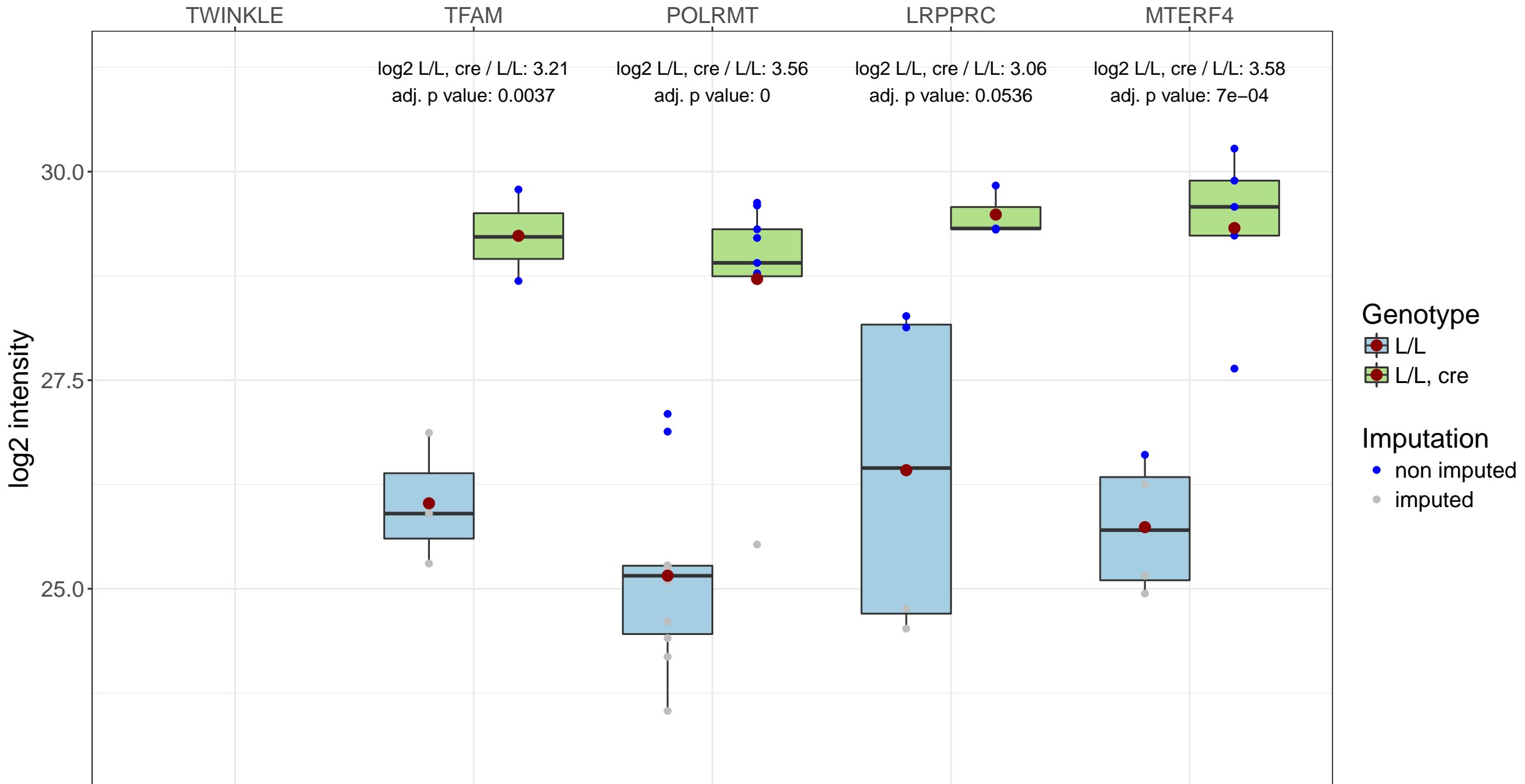
# COX10 / Q8CFY5



# COX11 / Q6P8I6

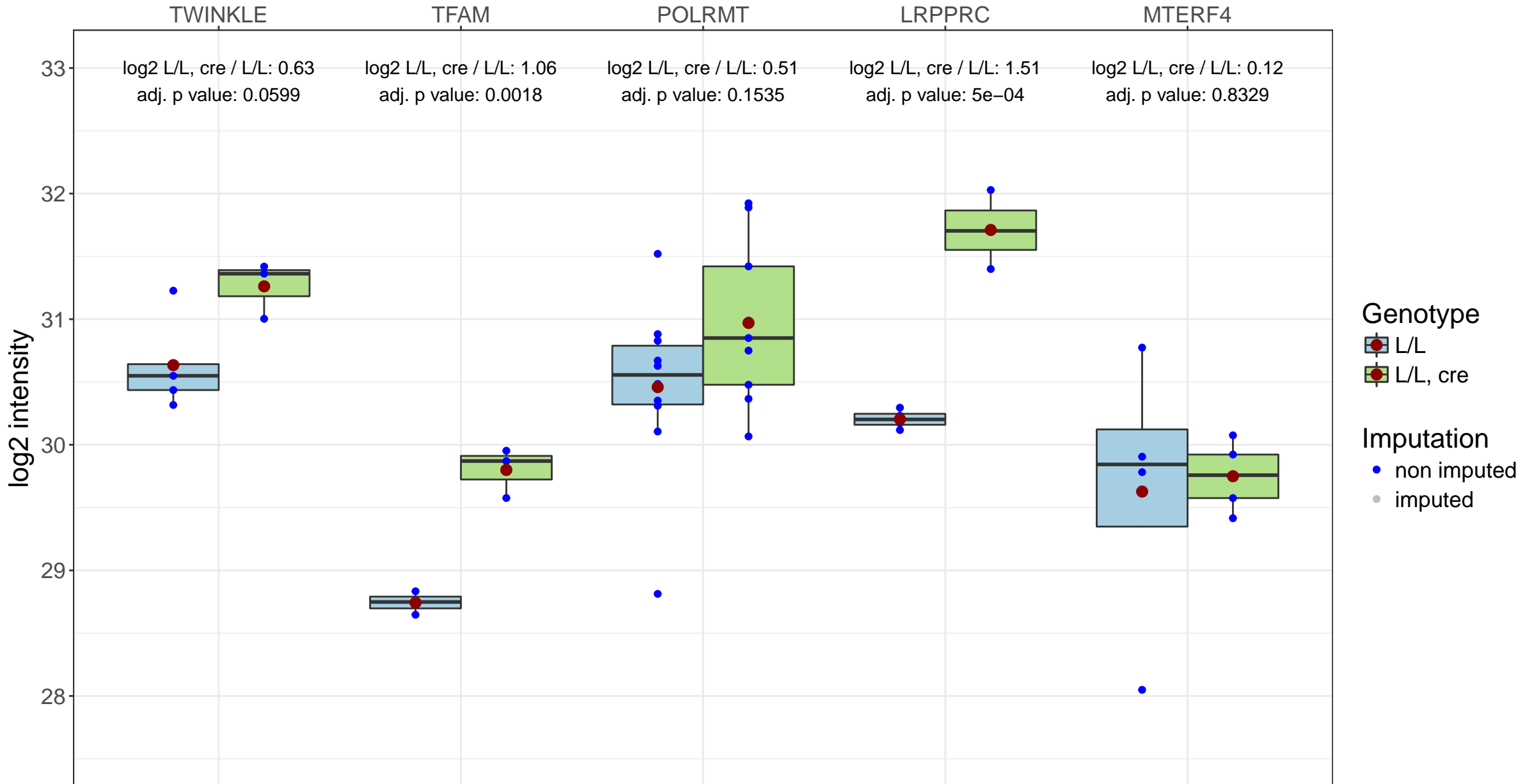


# COX15 / Q8BJ03-2

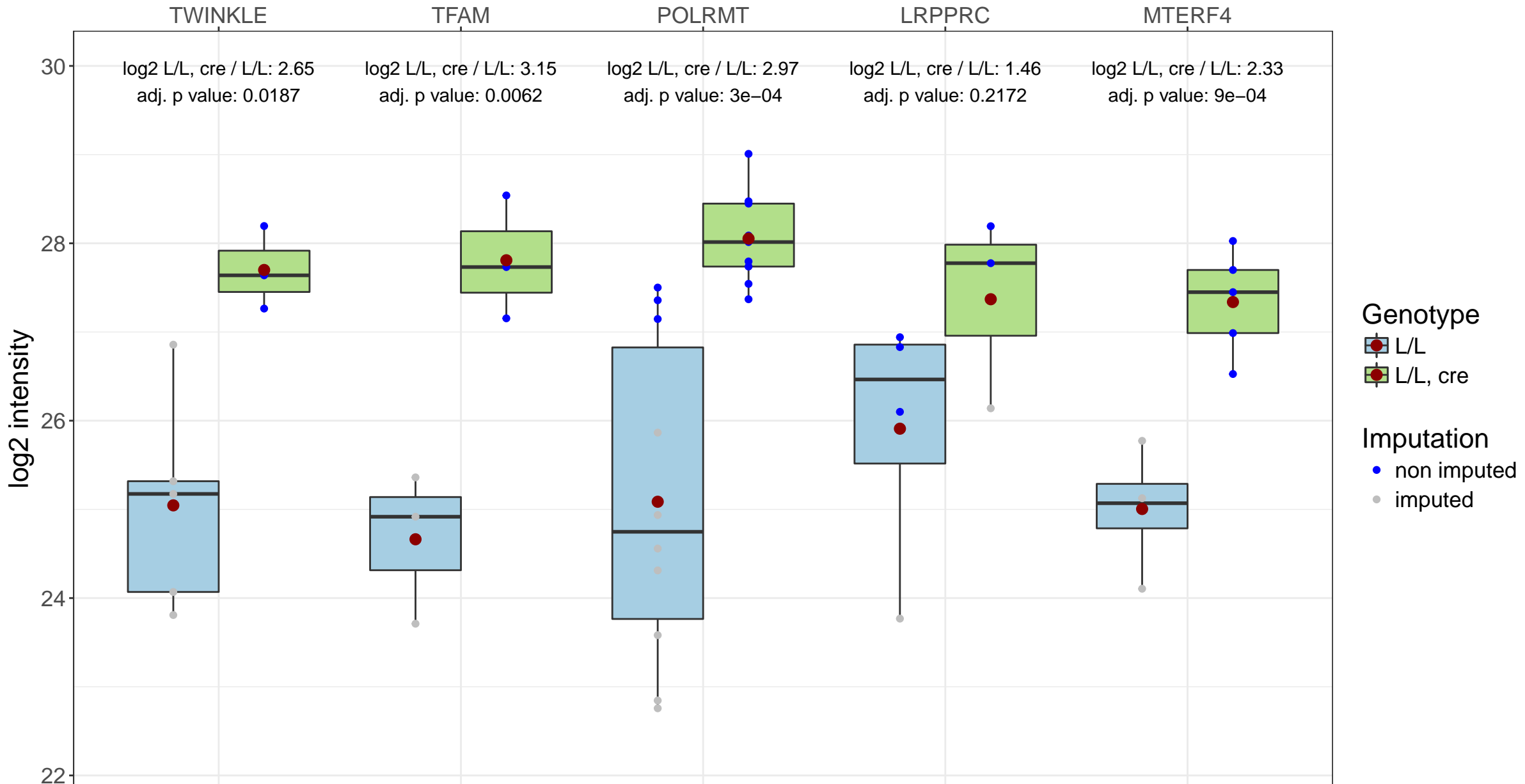




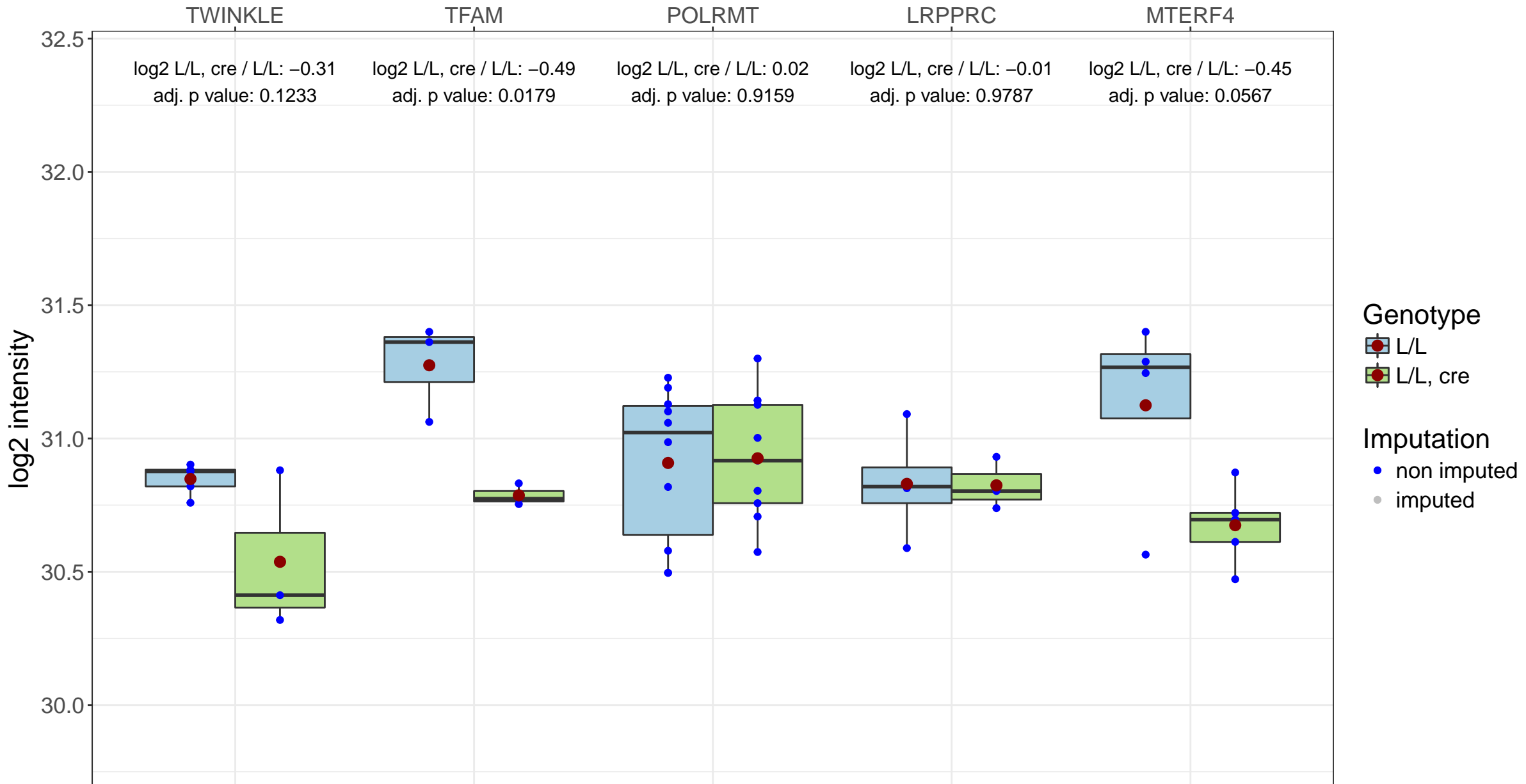
# COX17 / P56394



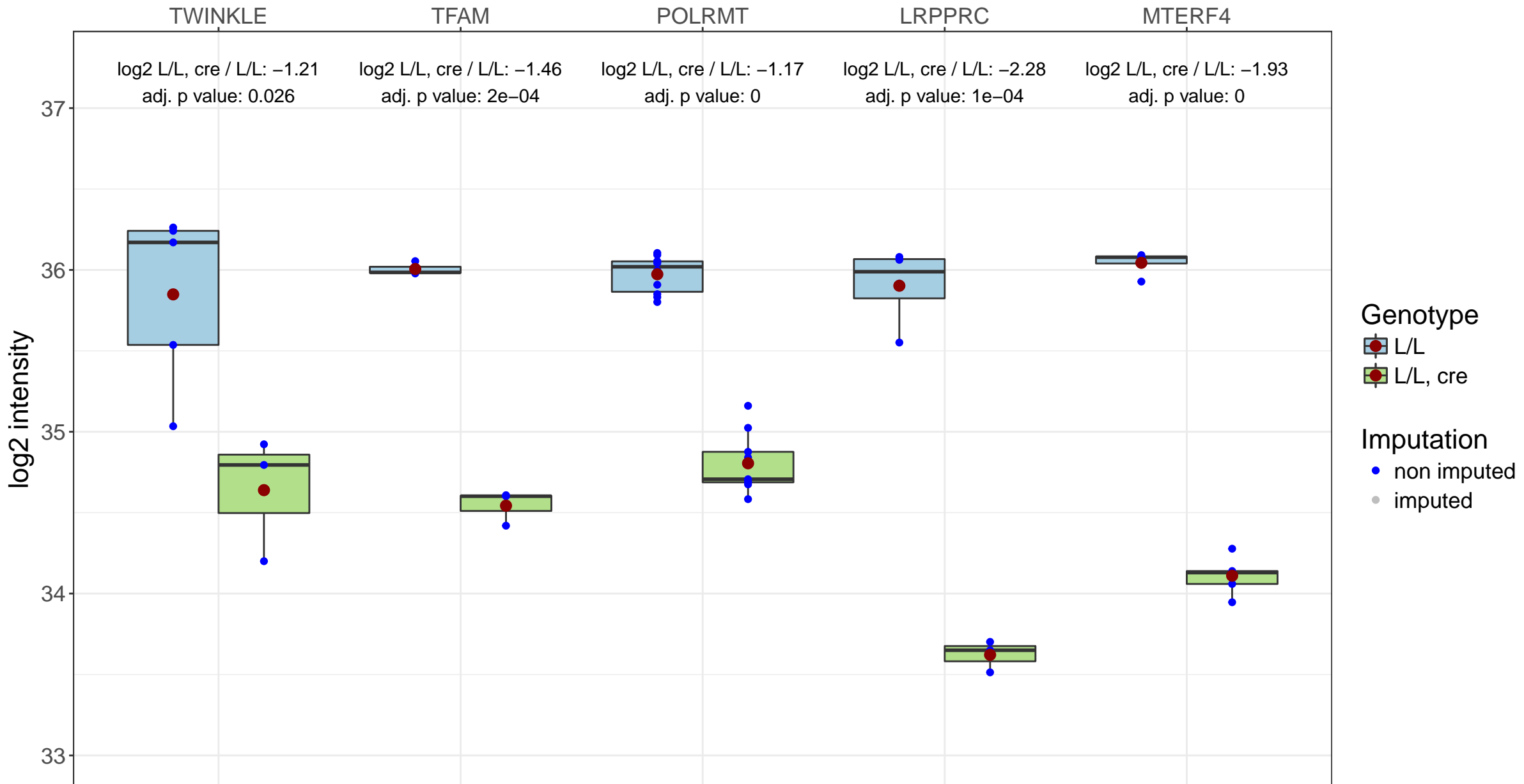
# COX19 / Q8K0C8



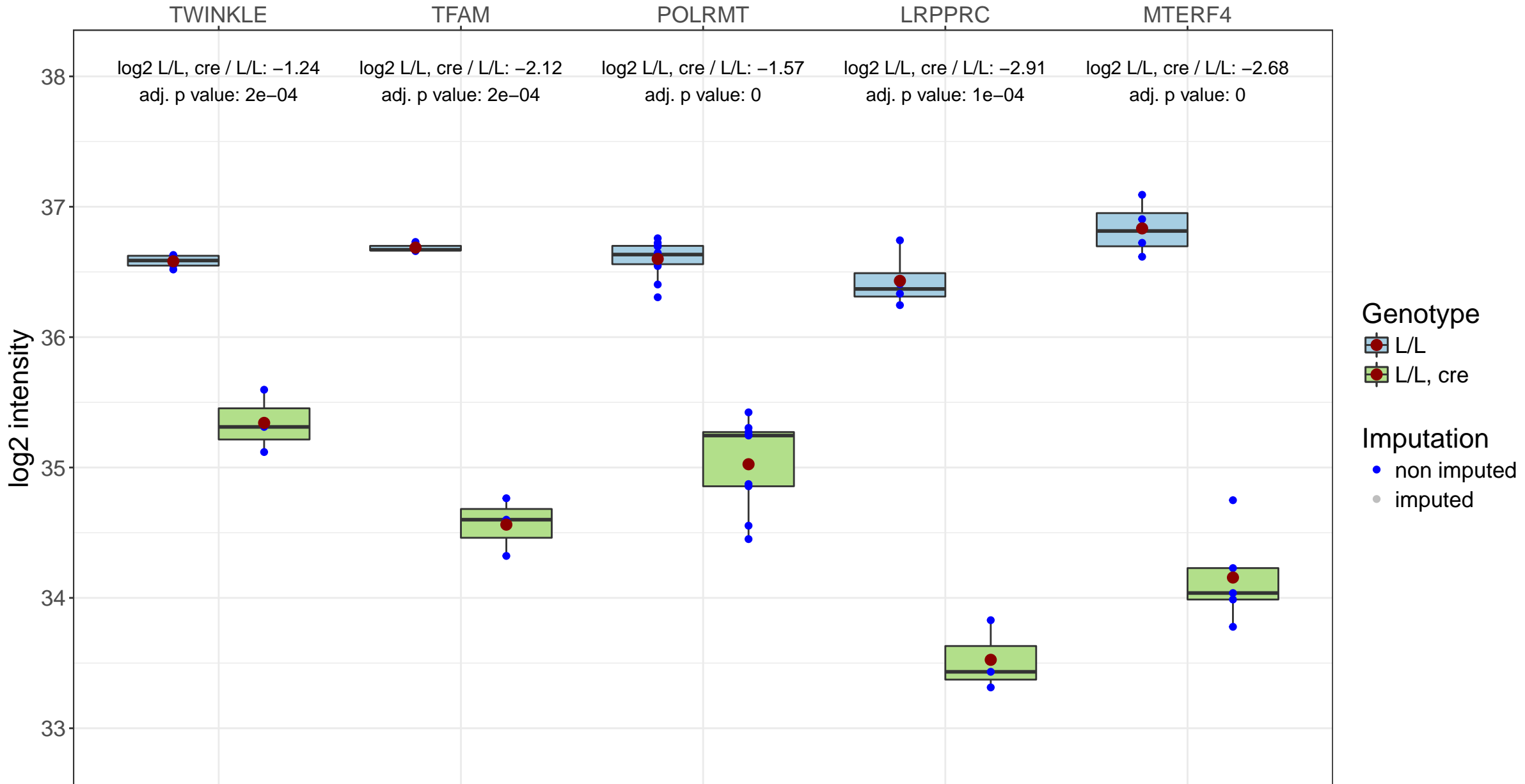
# COX20 / Q9D7J4



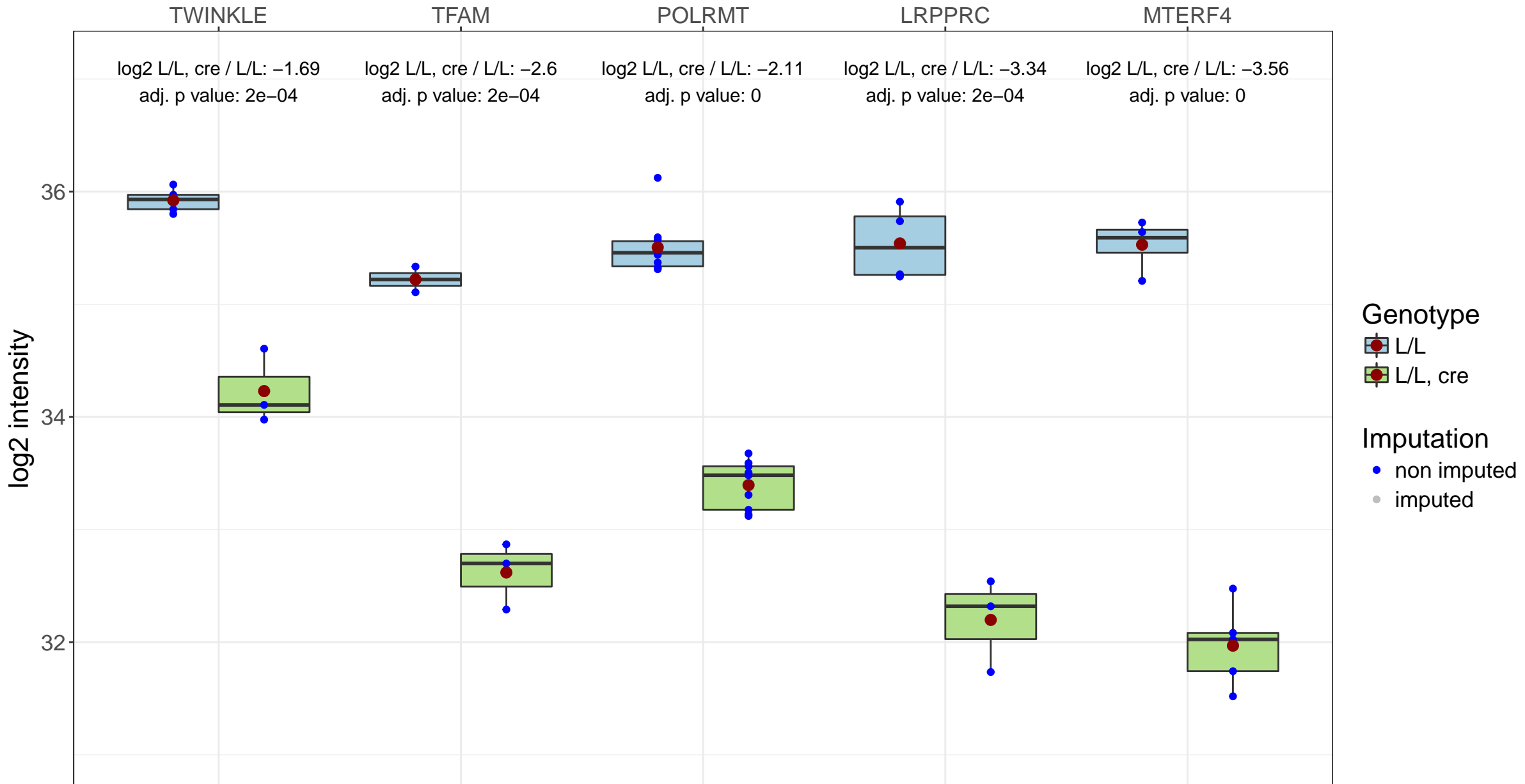
# COX4I1 / P19783



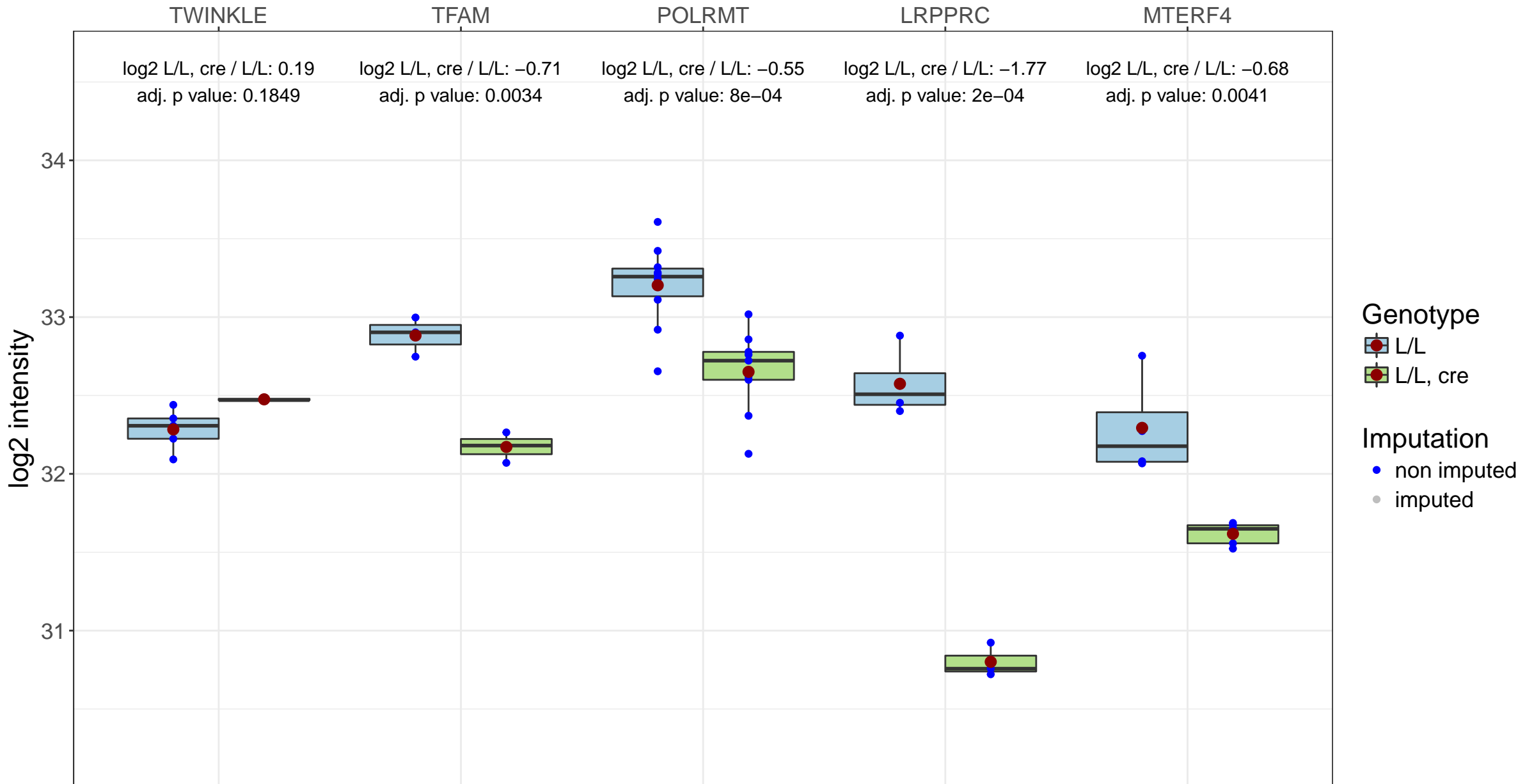
# COX5A / P12787



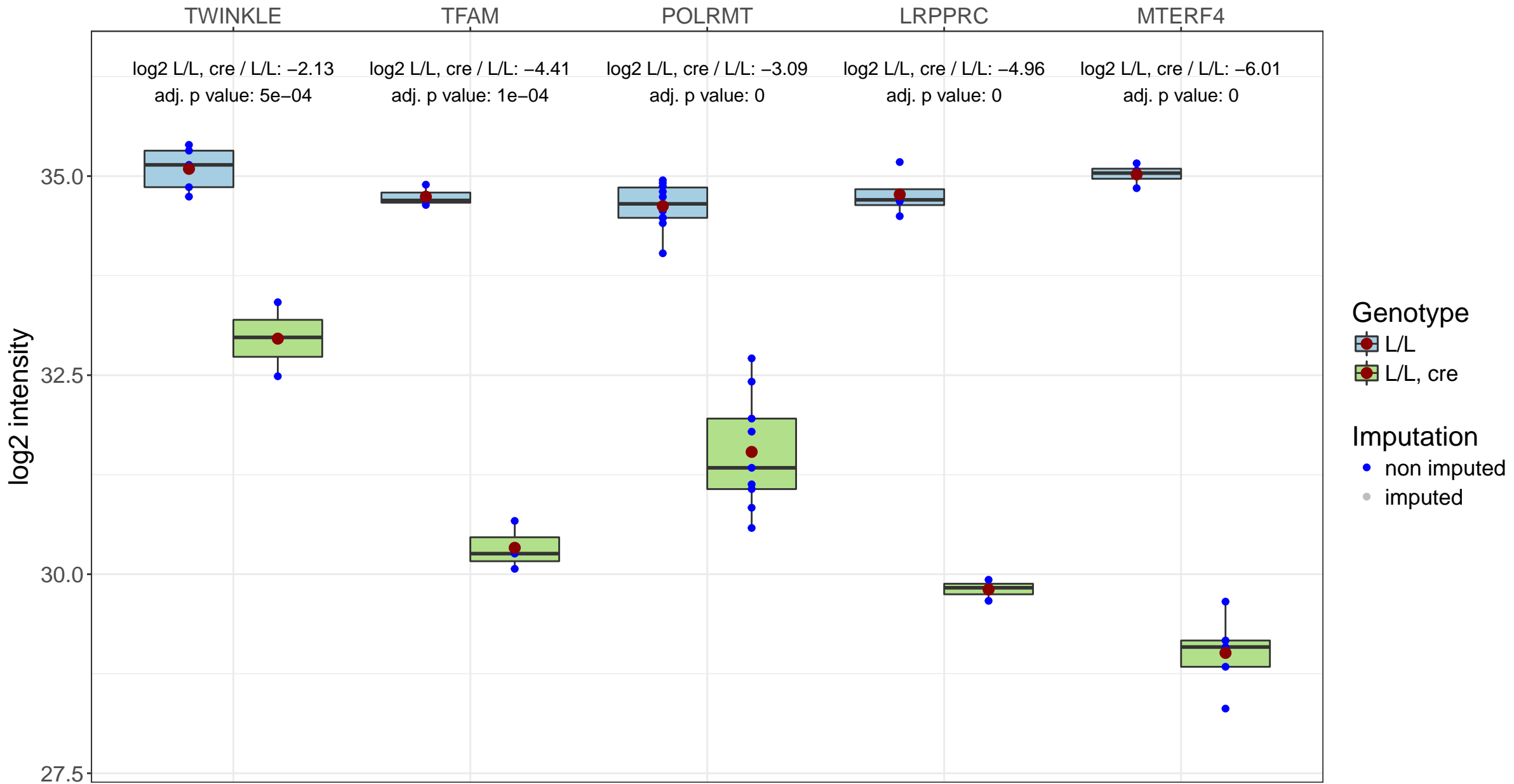
# COX5B / Q9D881



# COX6A1 / Q9DCW5

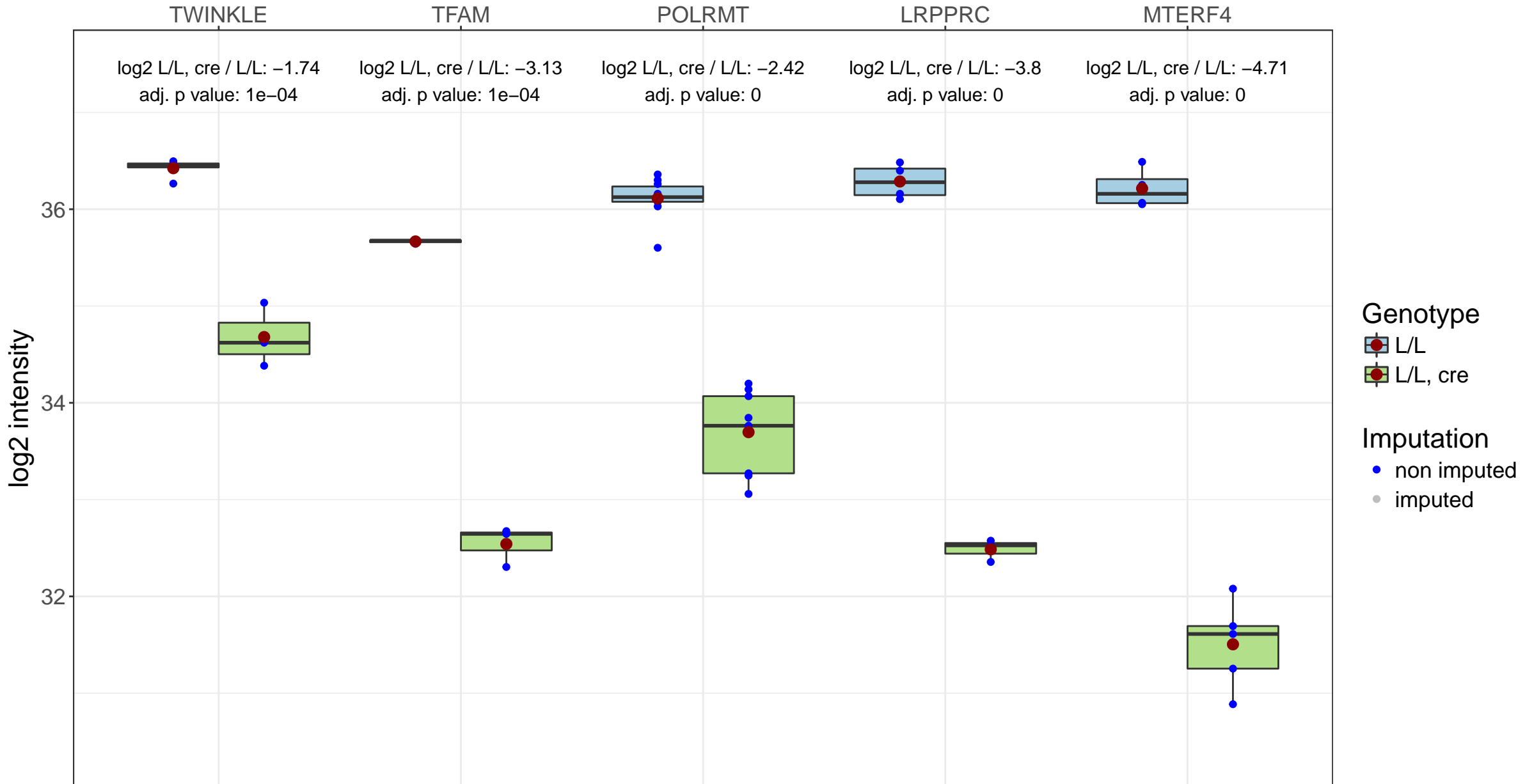


# COX6A2 / P43023

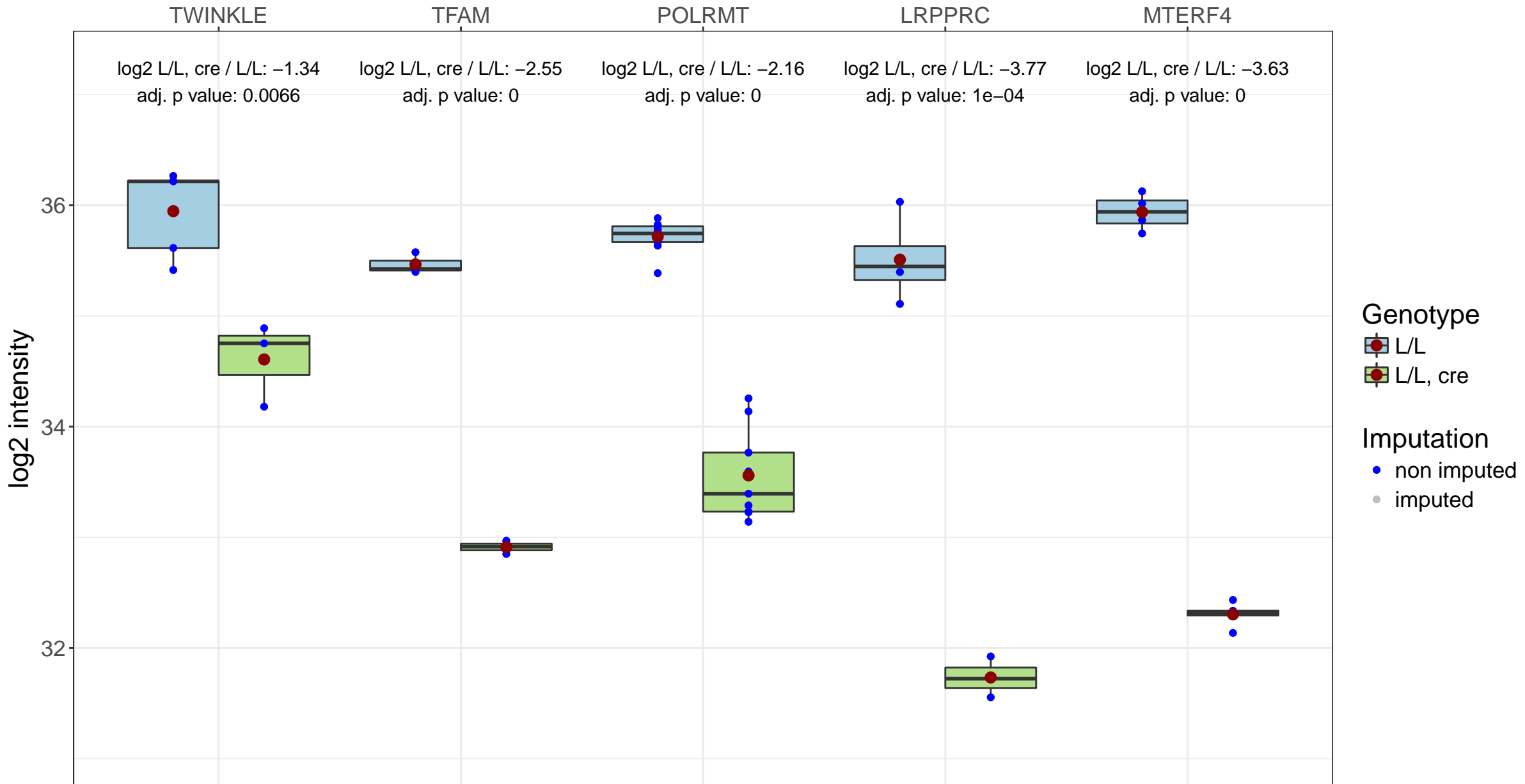




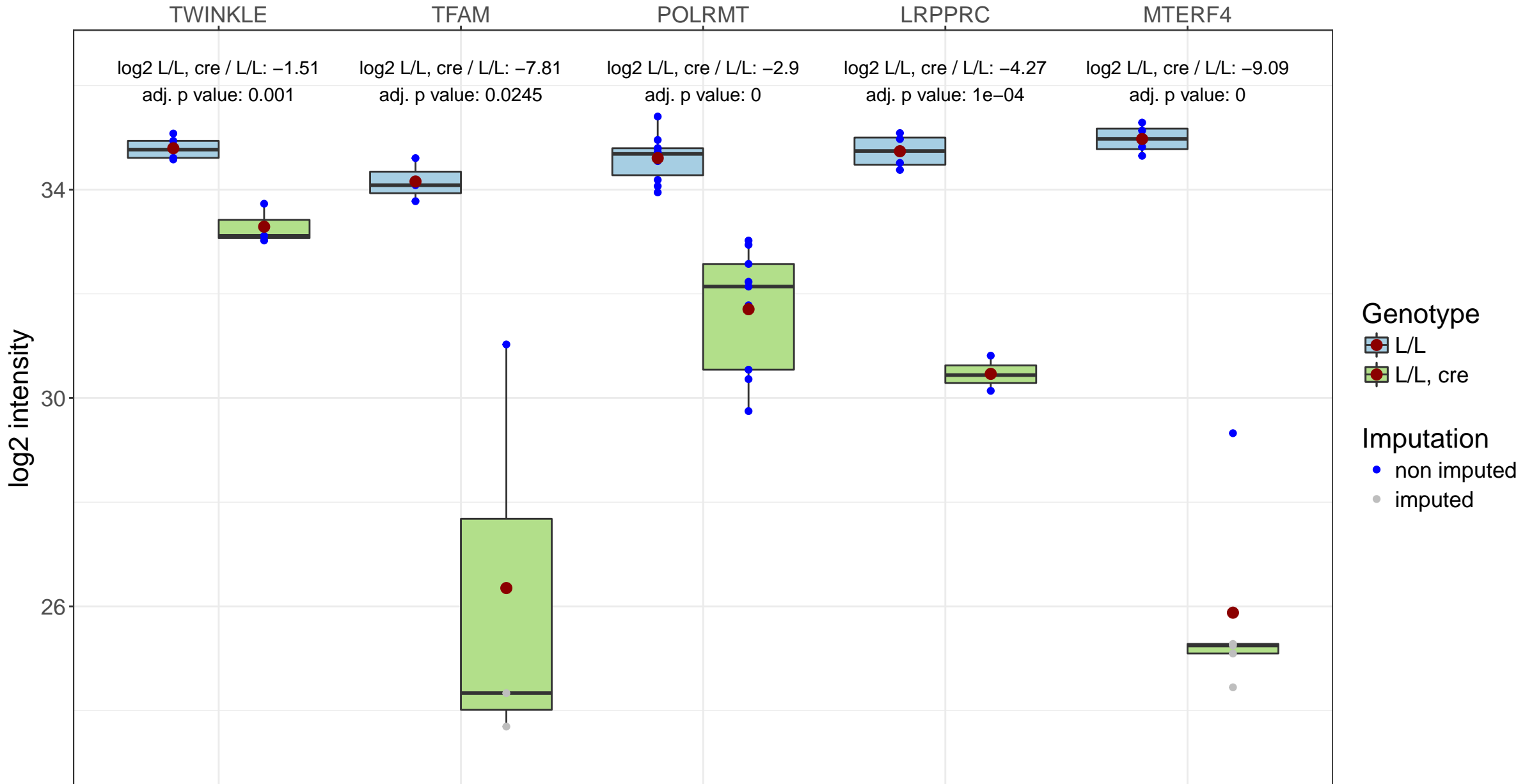
# COX6B1 / P56391



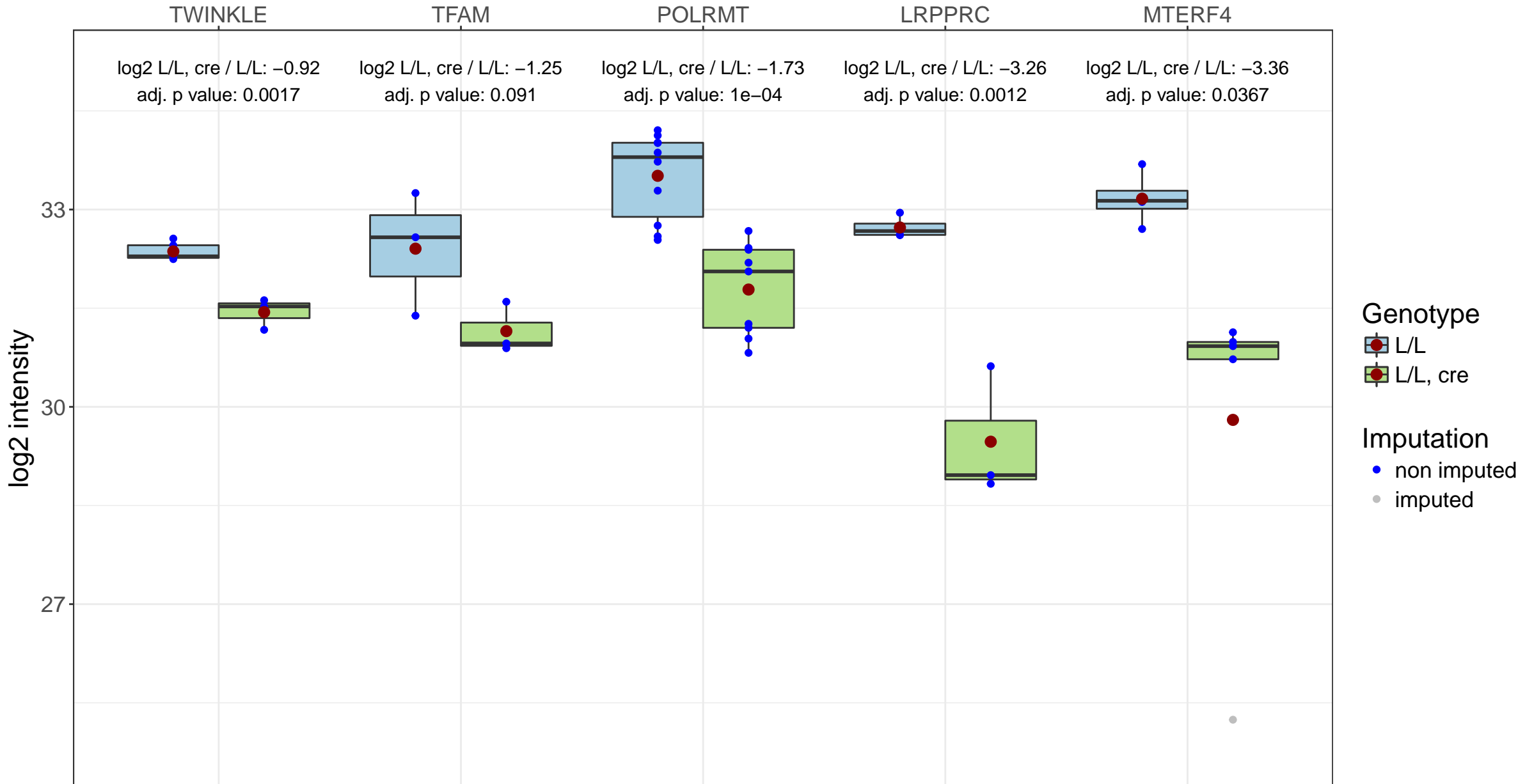
# COX6C / Q9CPQ1



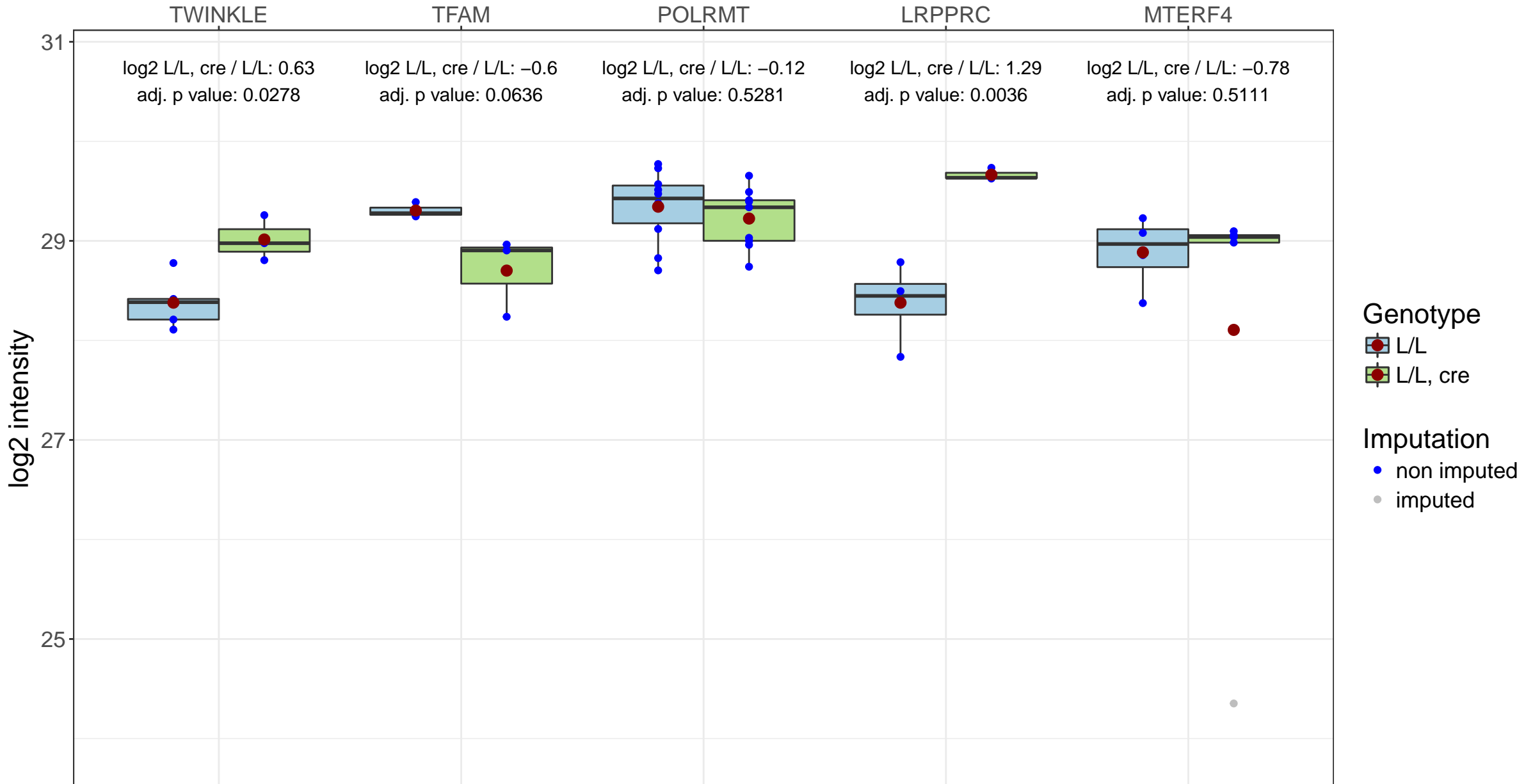
# COX7A1 / P56392



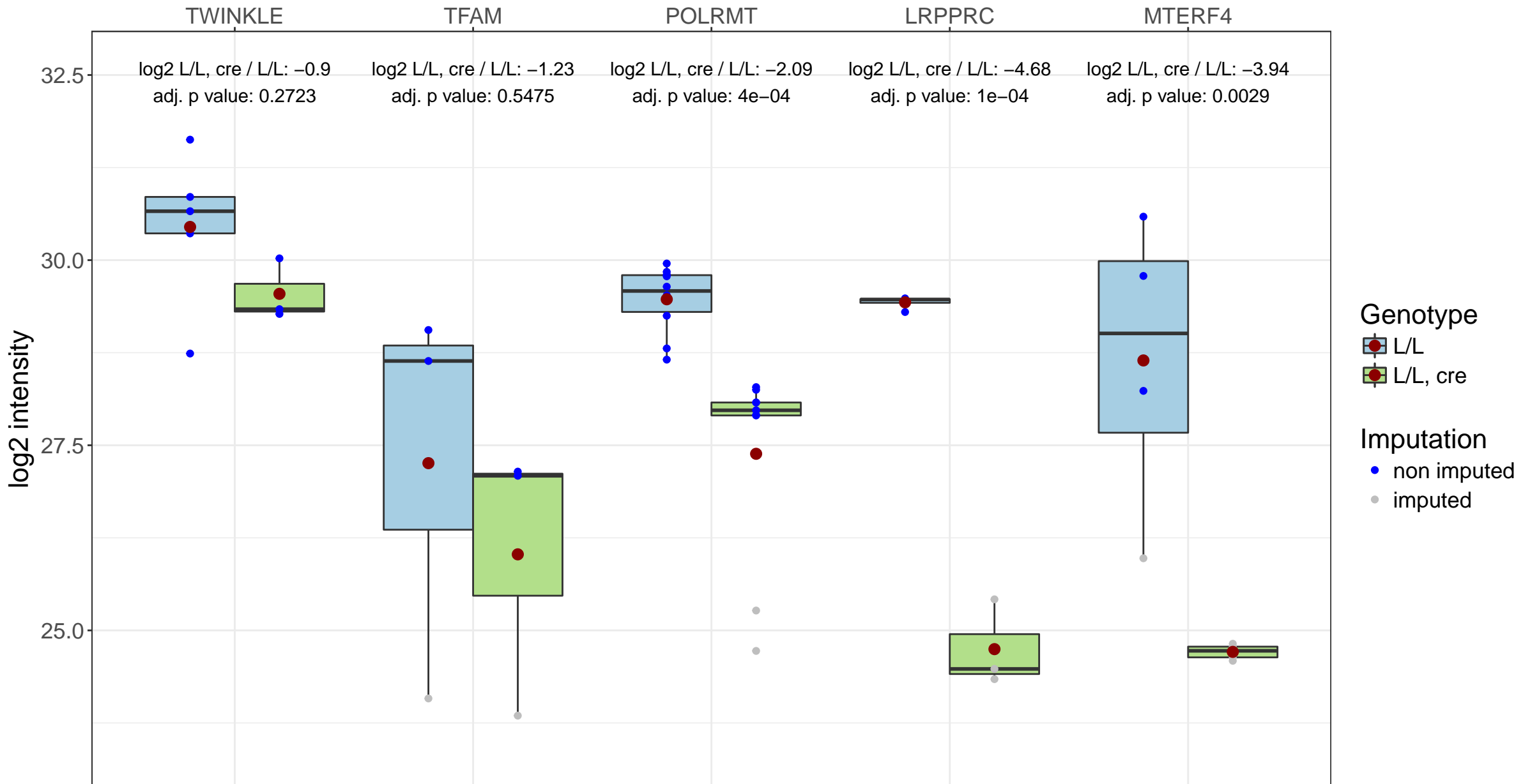
# COX7A2 / P48771



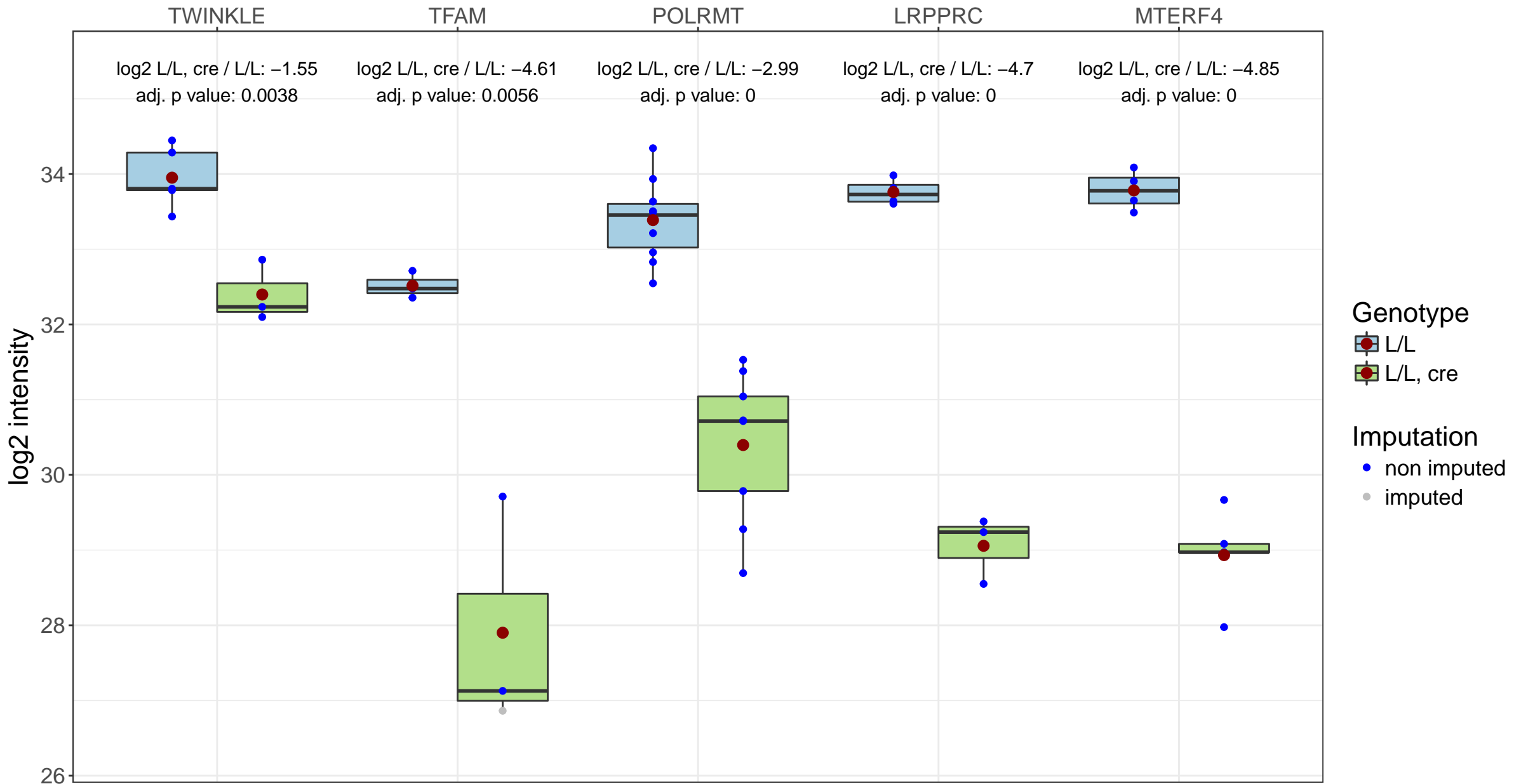
# COX7A2L / E9PZS8



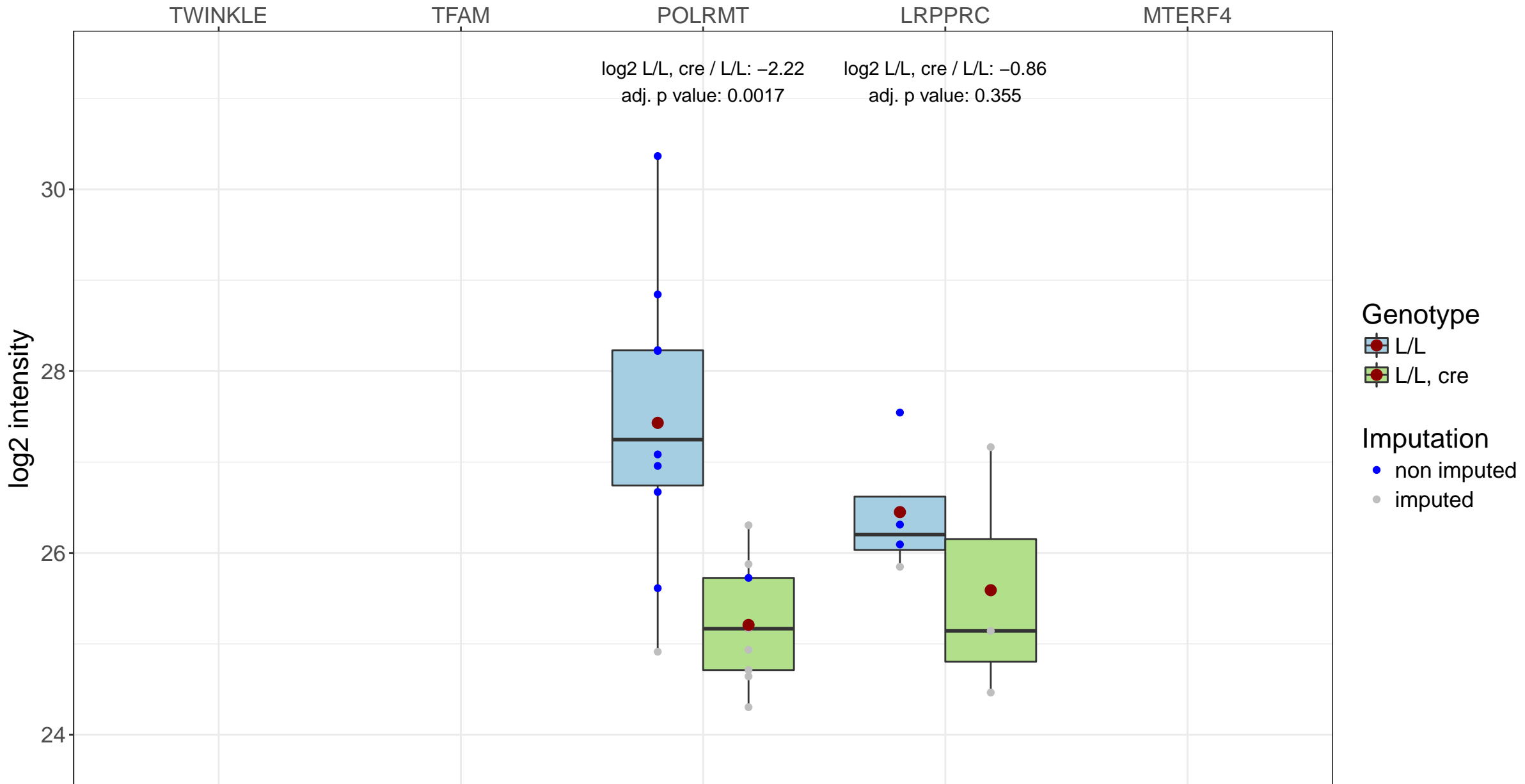
# COX7B / P56393



# COX7C / P17665

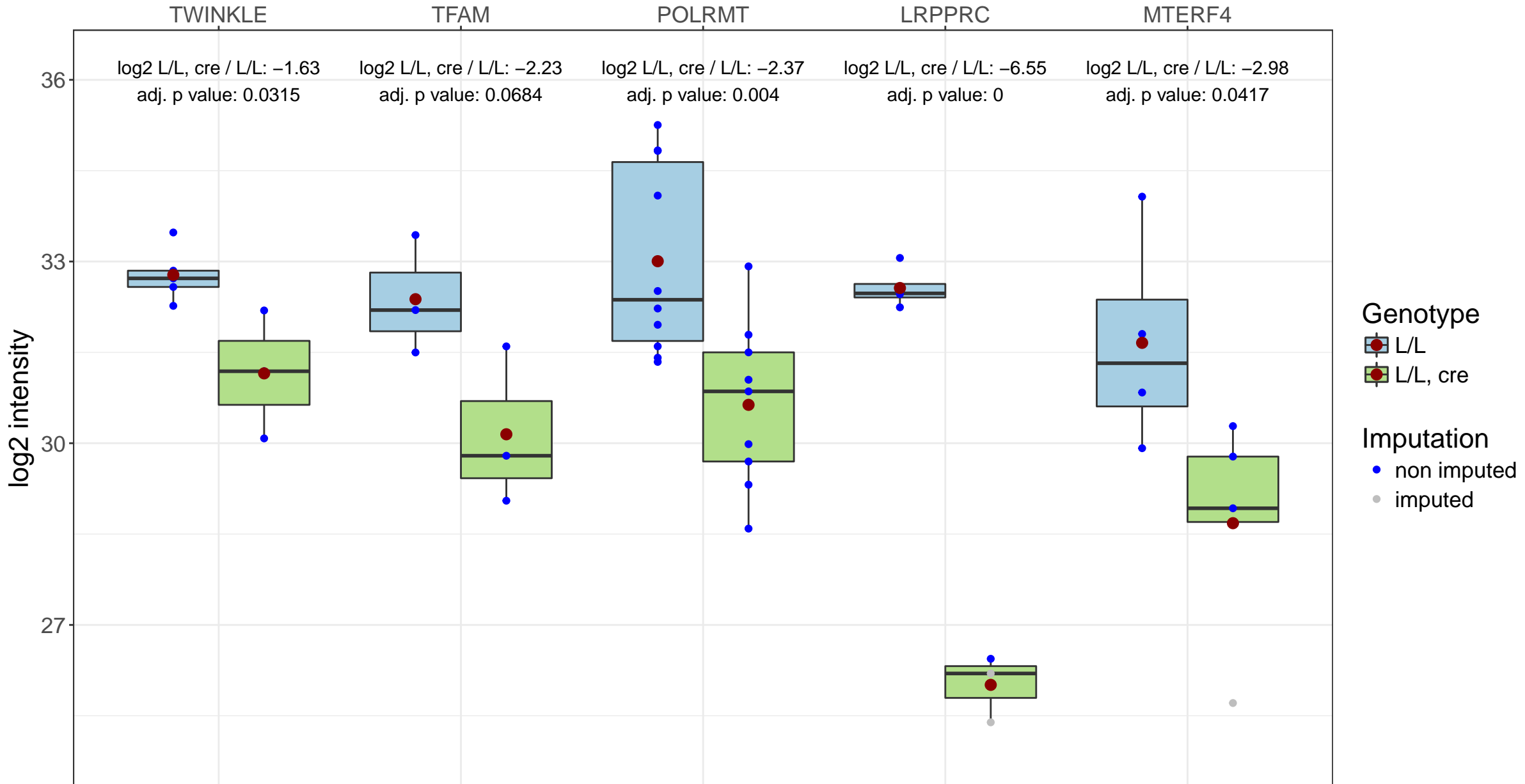


# COX8A / Q64445

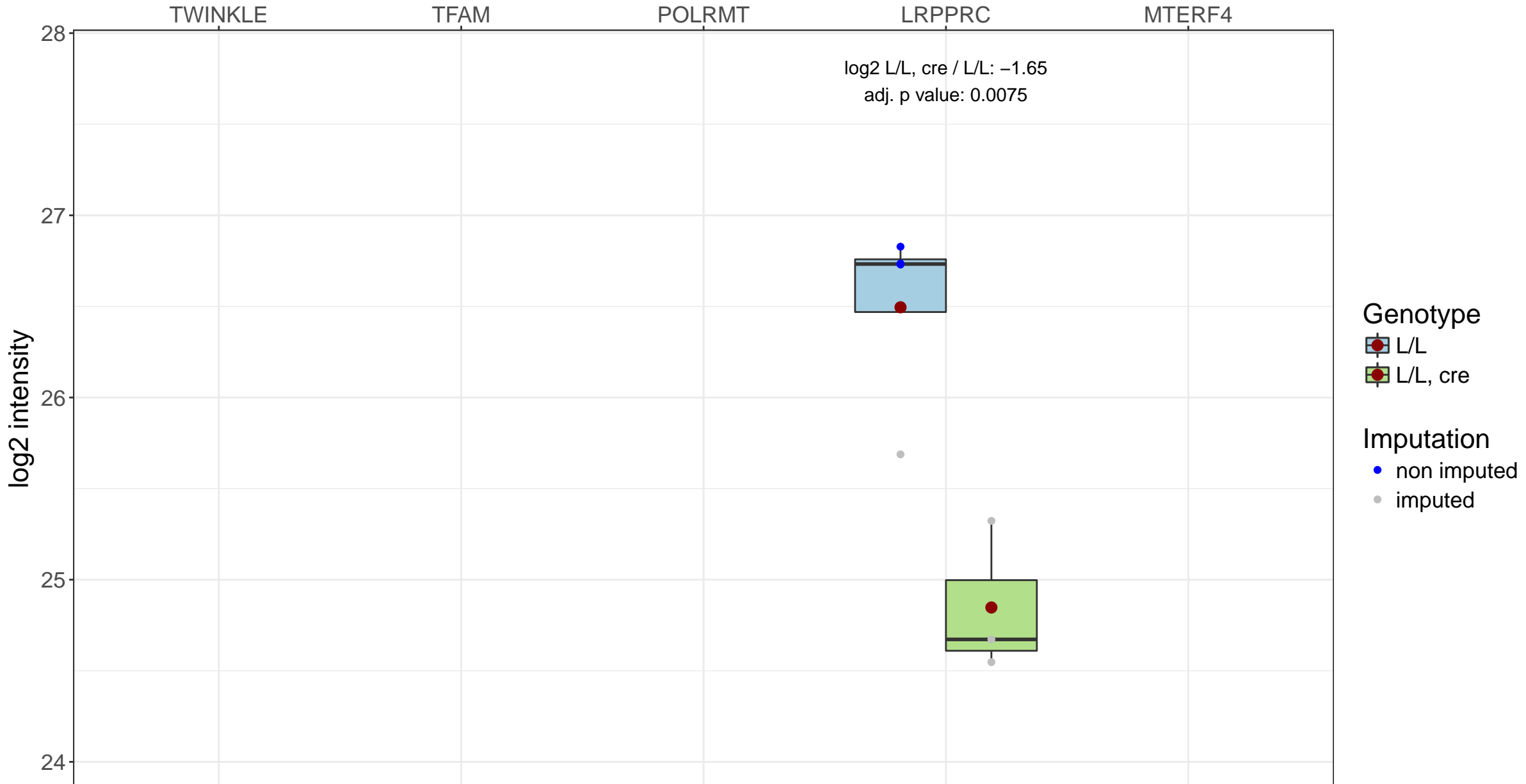




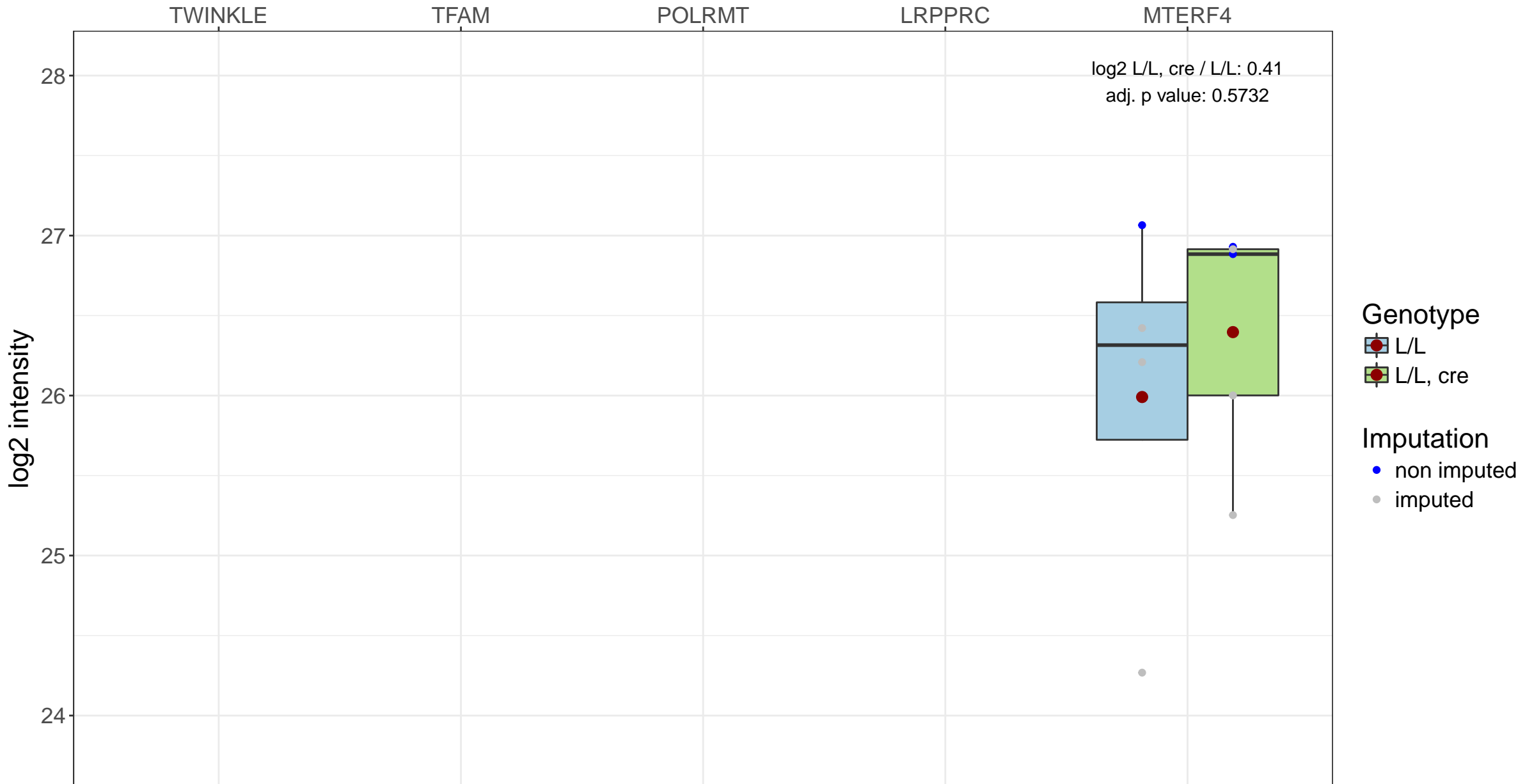
# COX8B / P48772



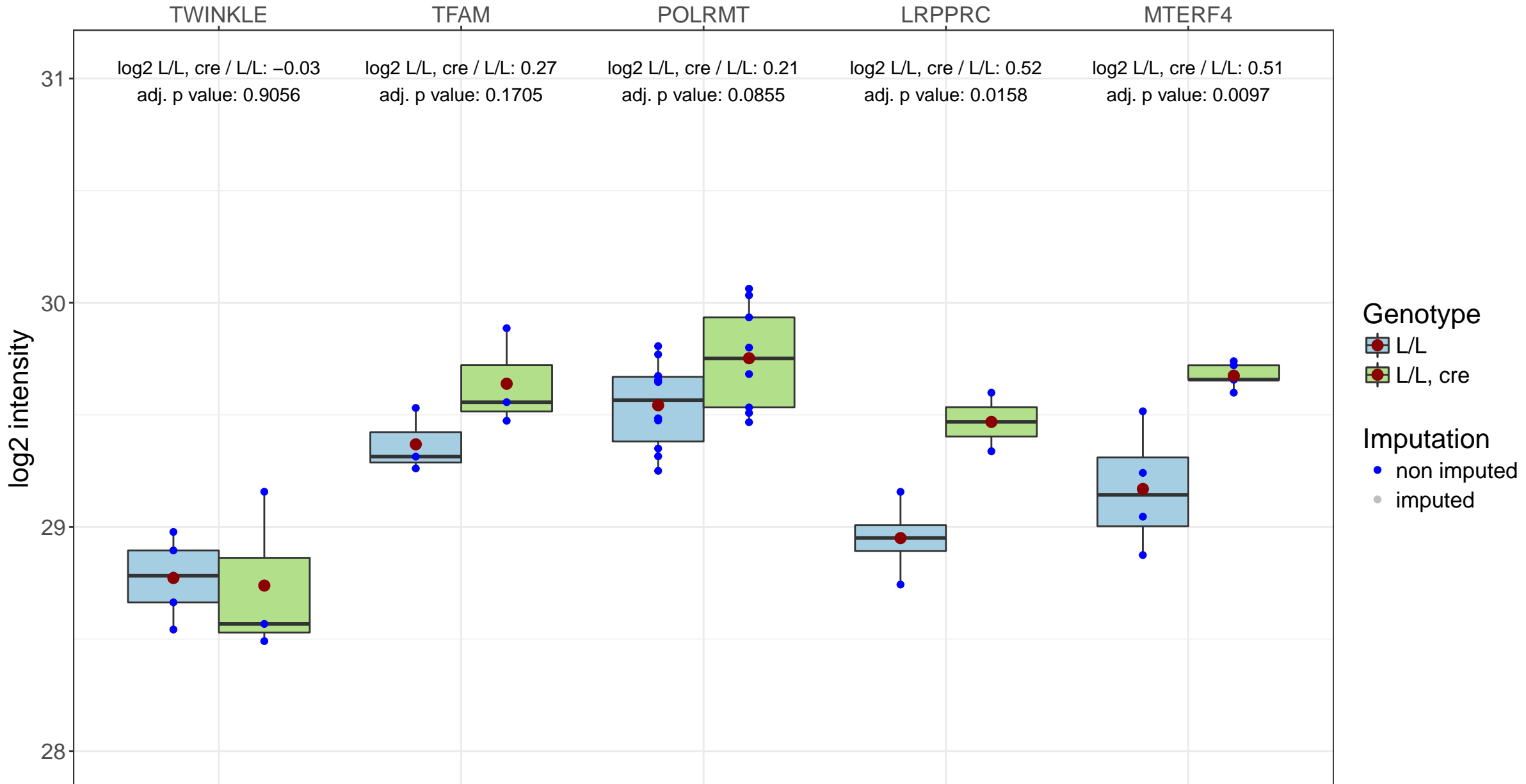
# CPA3 / P15089



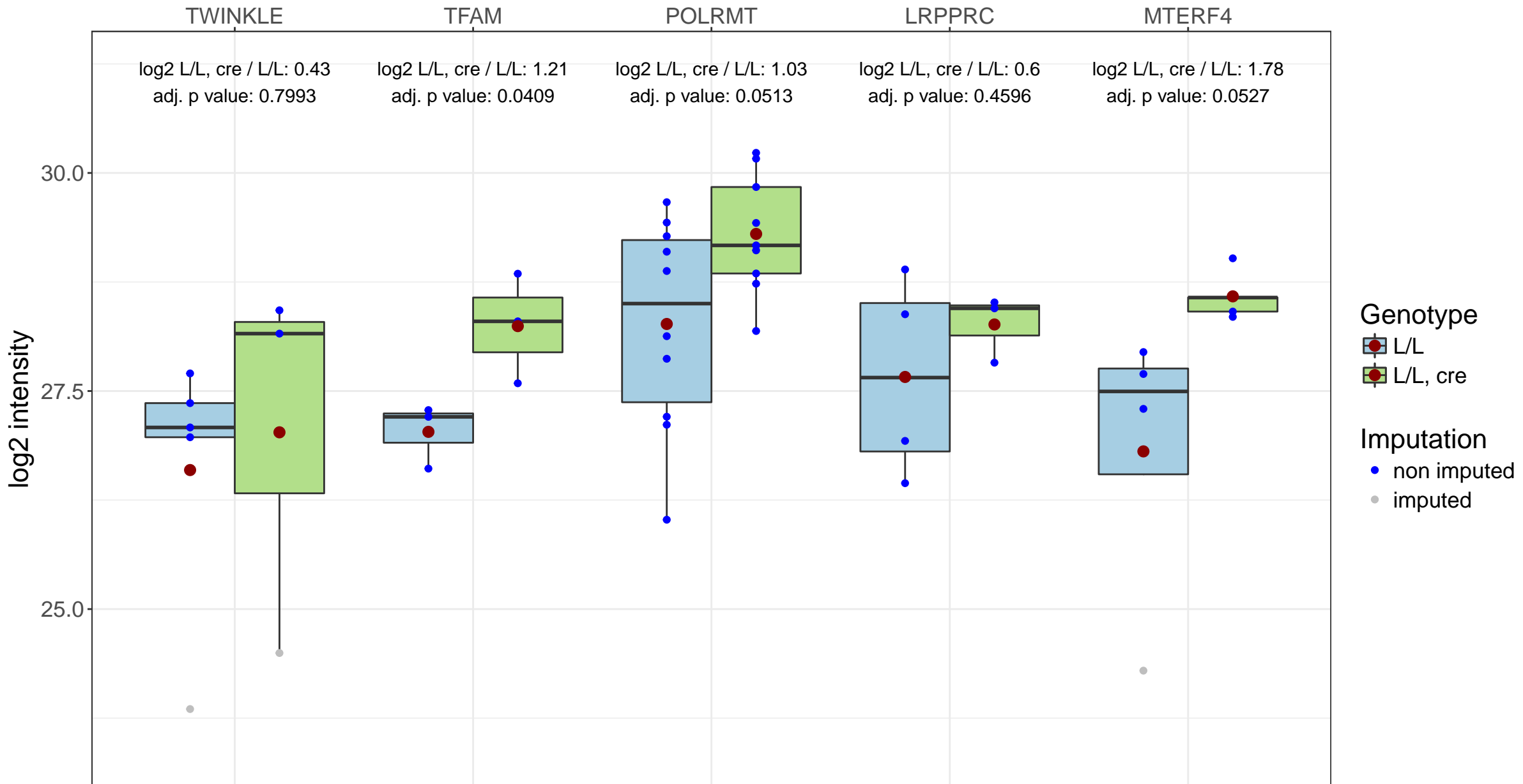
# CPB2 / Q9JHH6



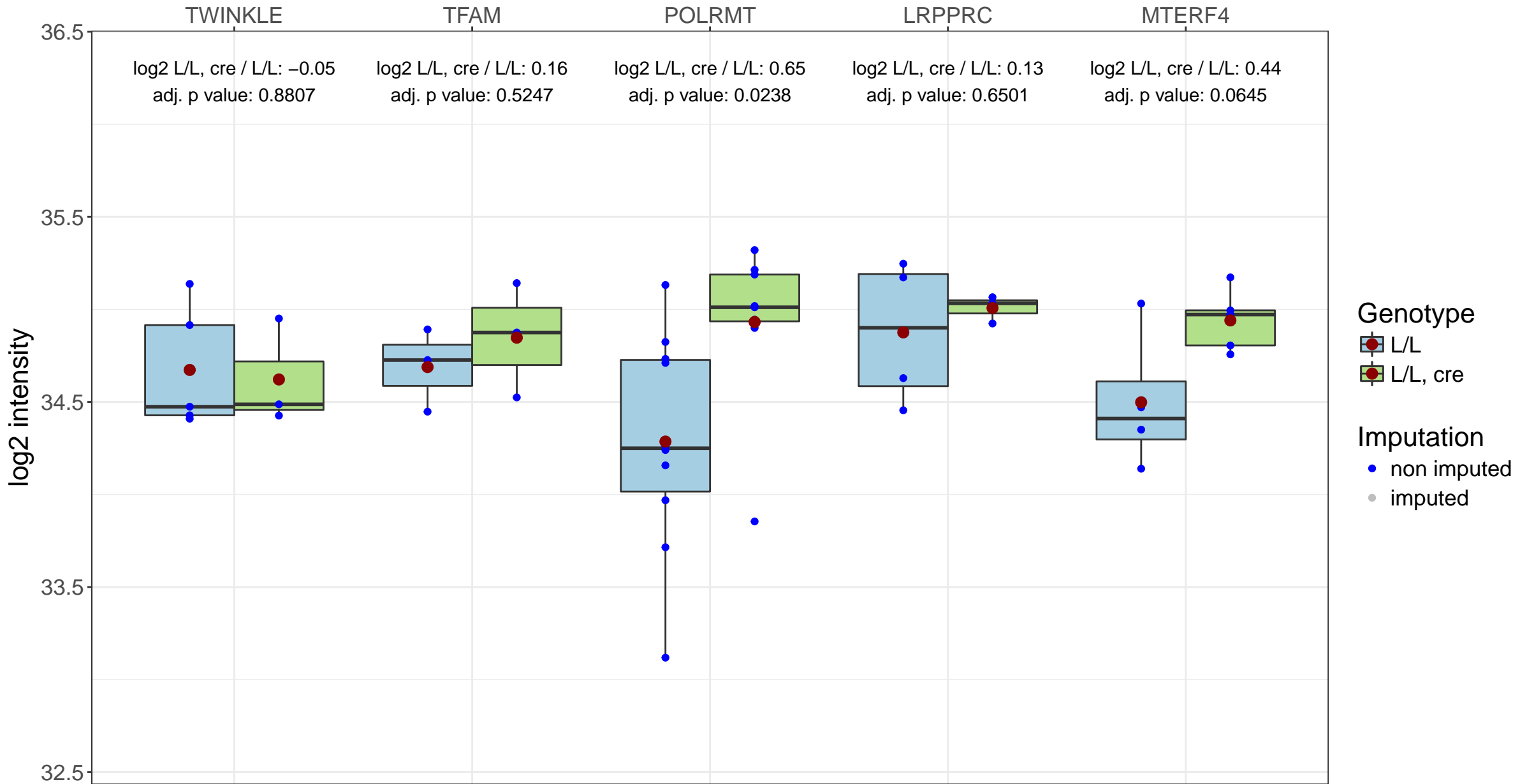
# CPOX / P36552



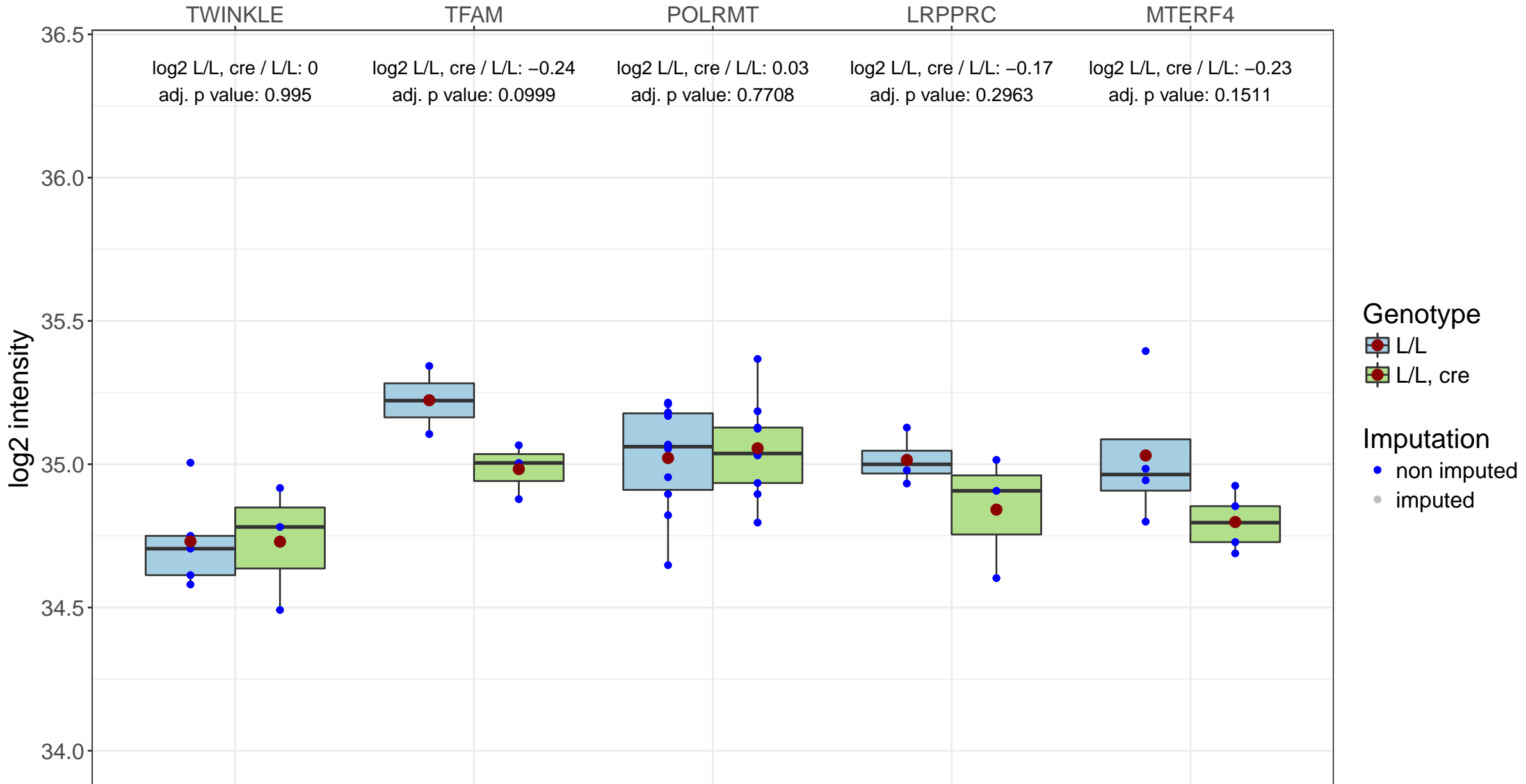
# CPT1A / P97742



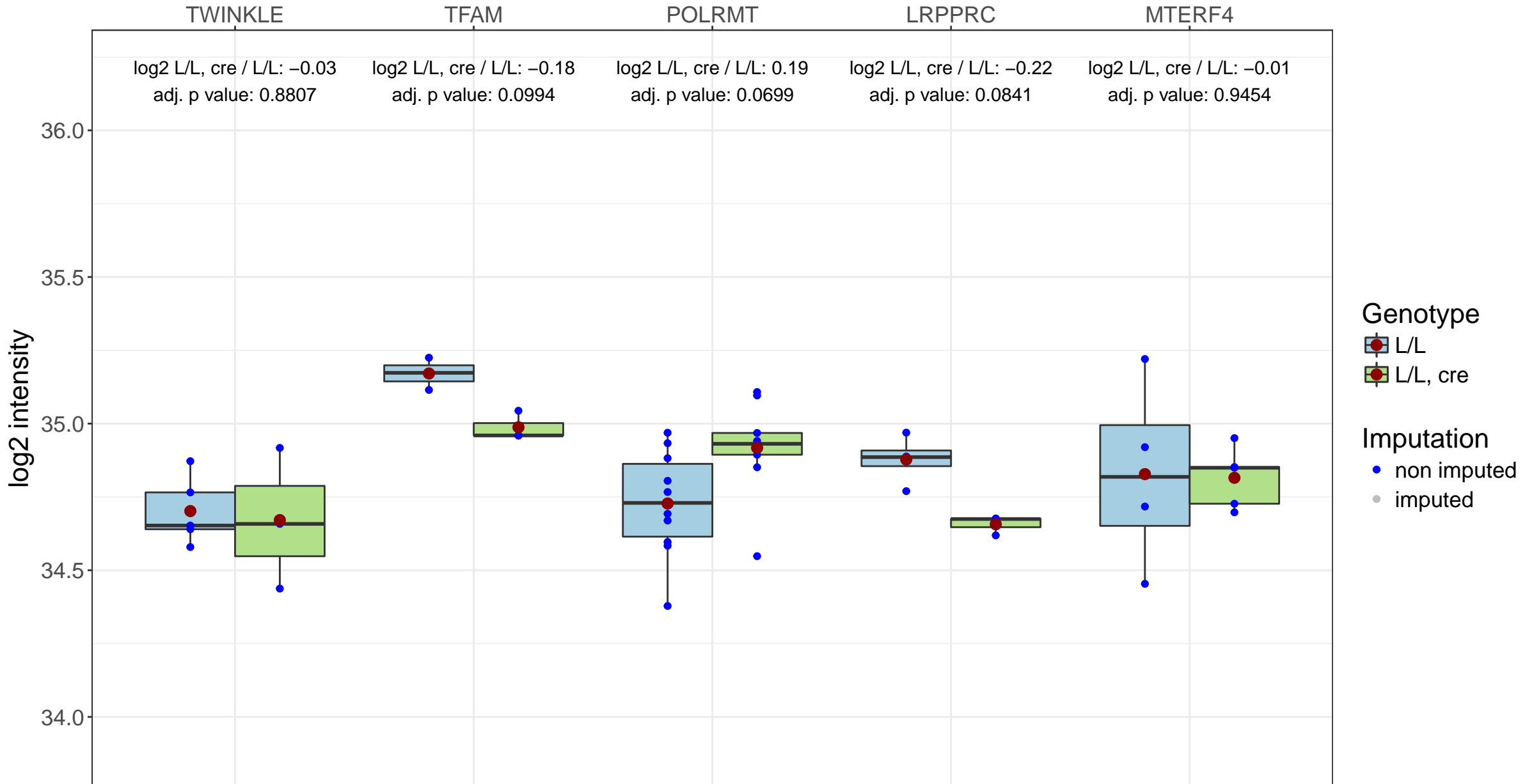
# CPT1B / Q924X2



# CPT2 / P52825

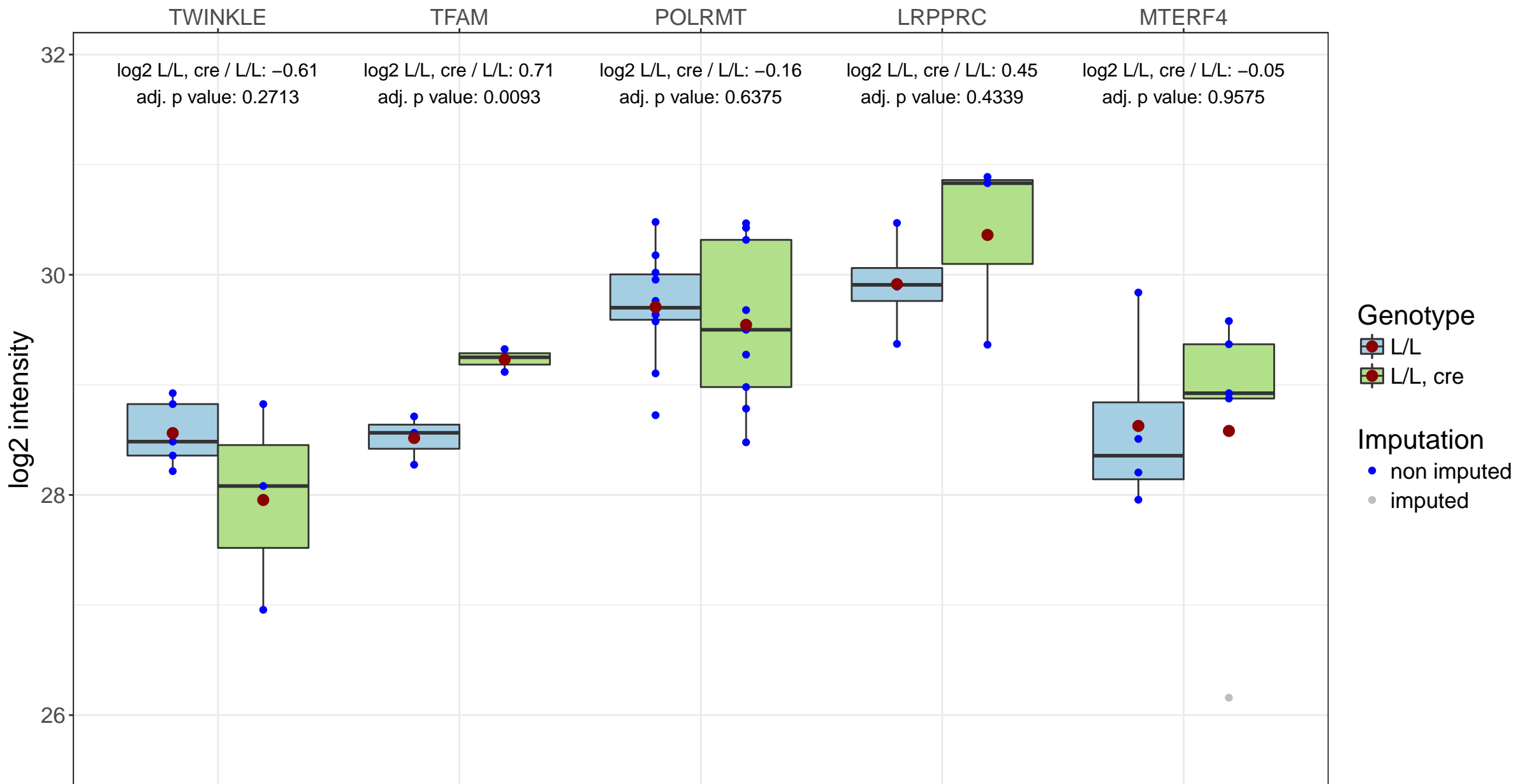


# CRAT / P47934

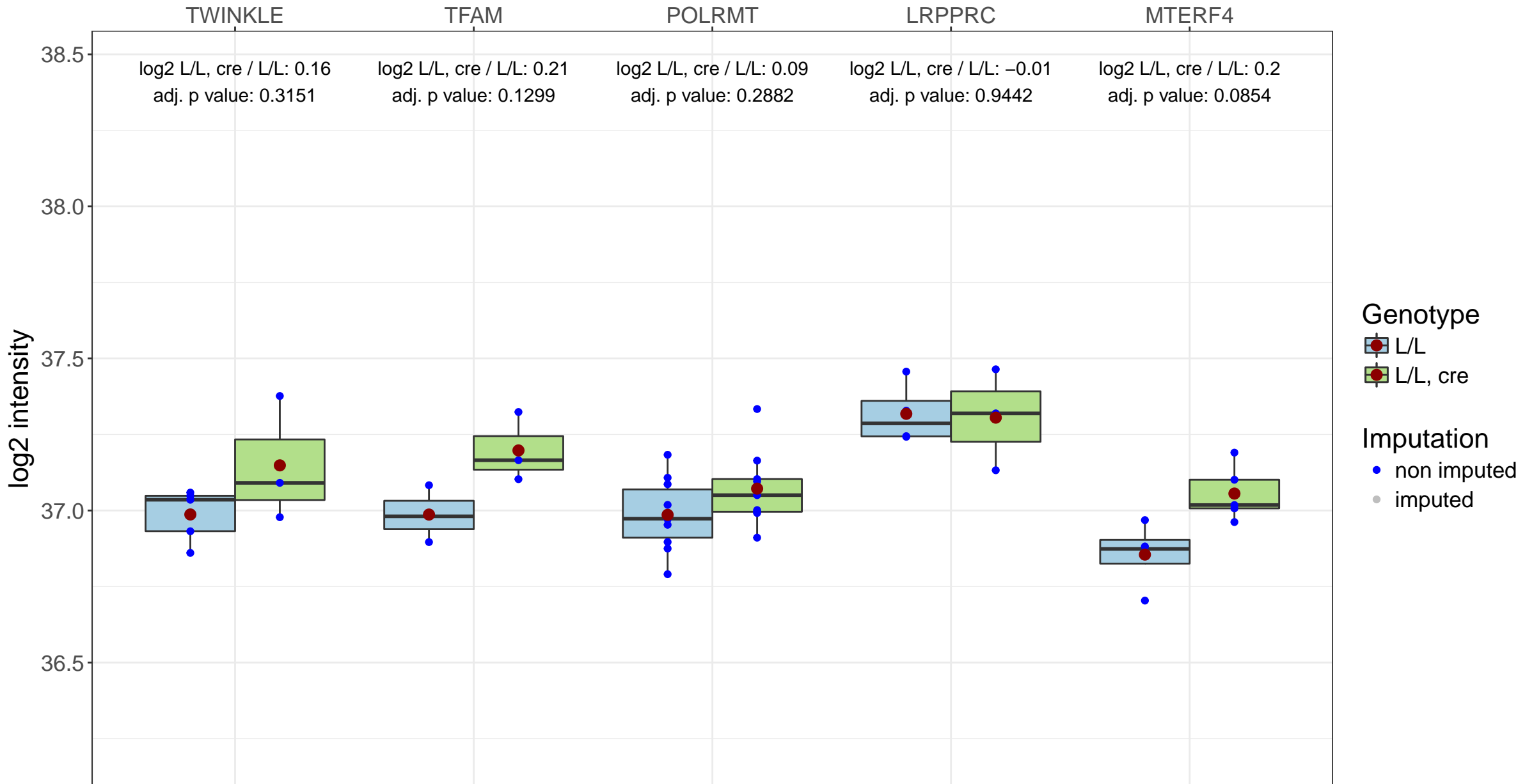




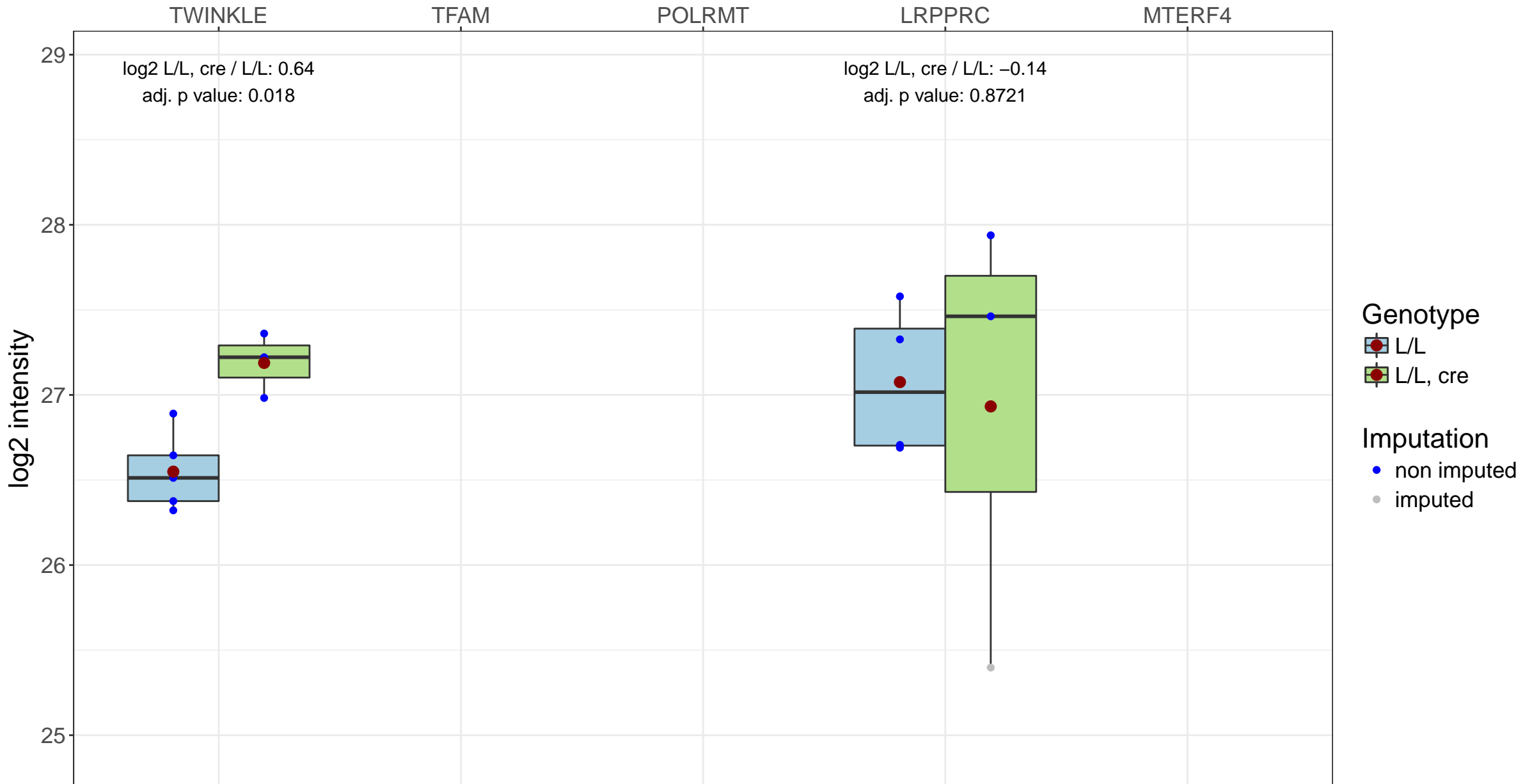
# CRYAB / P23927



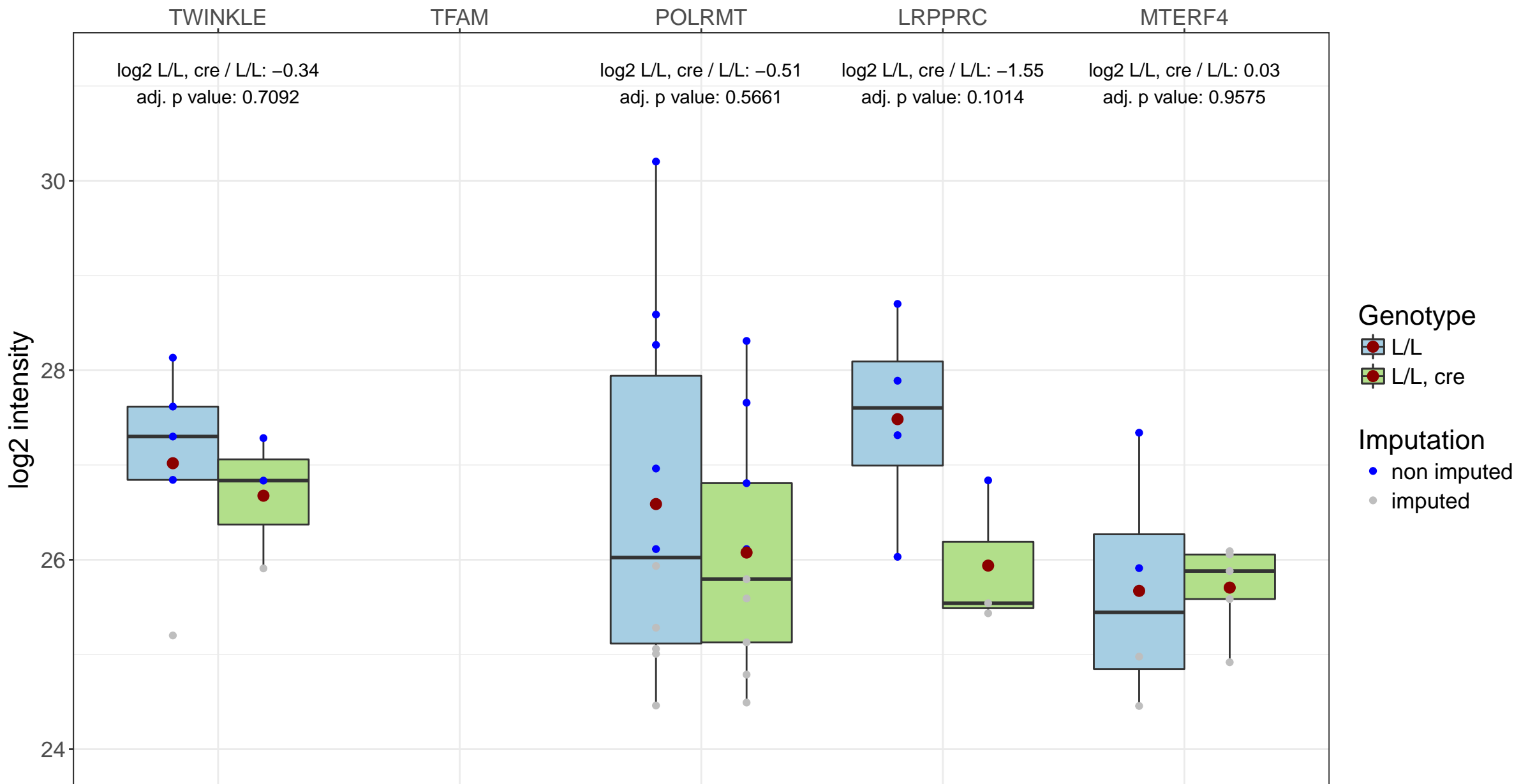
# CS / Q9CZU6



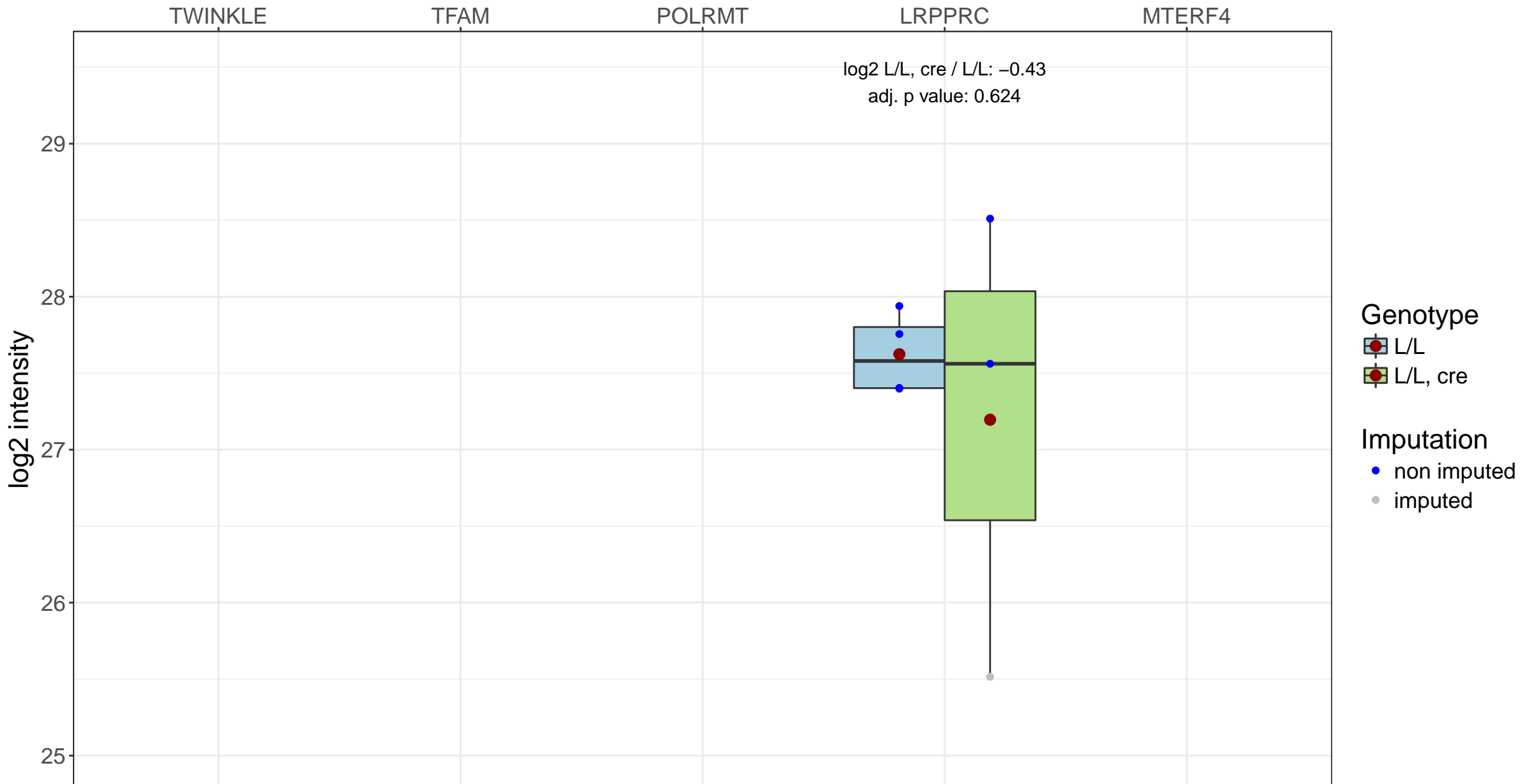
# CSL / Q80X68



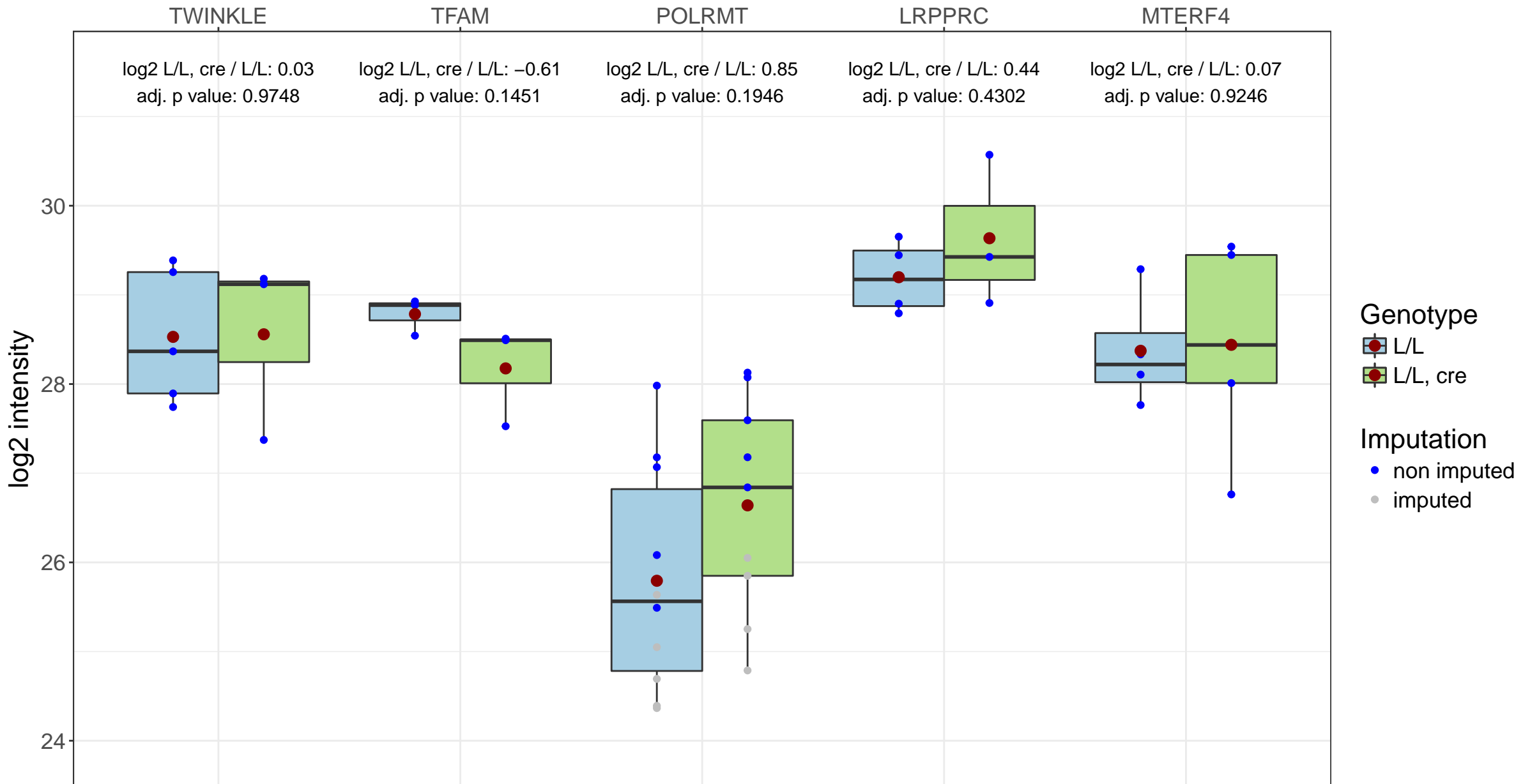
# CSRP3 / P50462



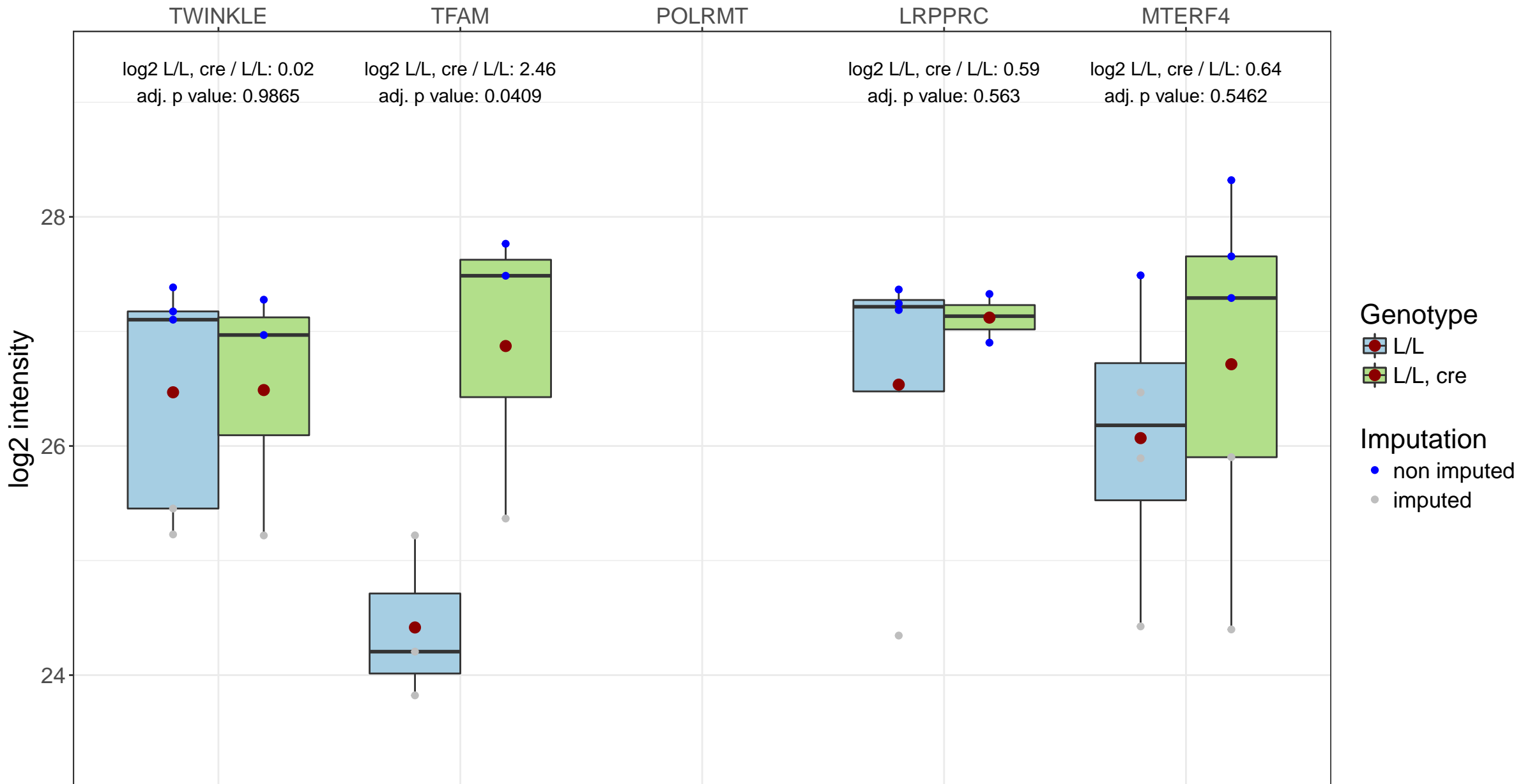
# CTSB / P10605



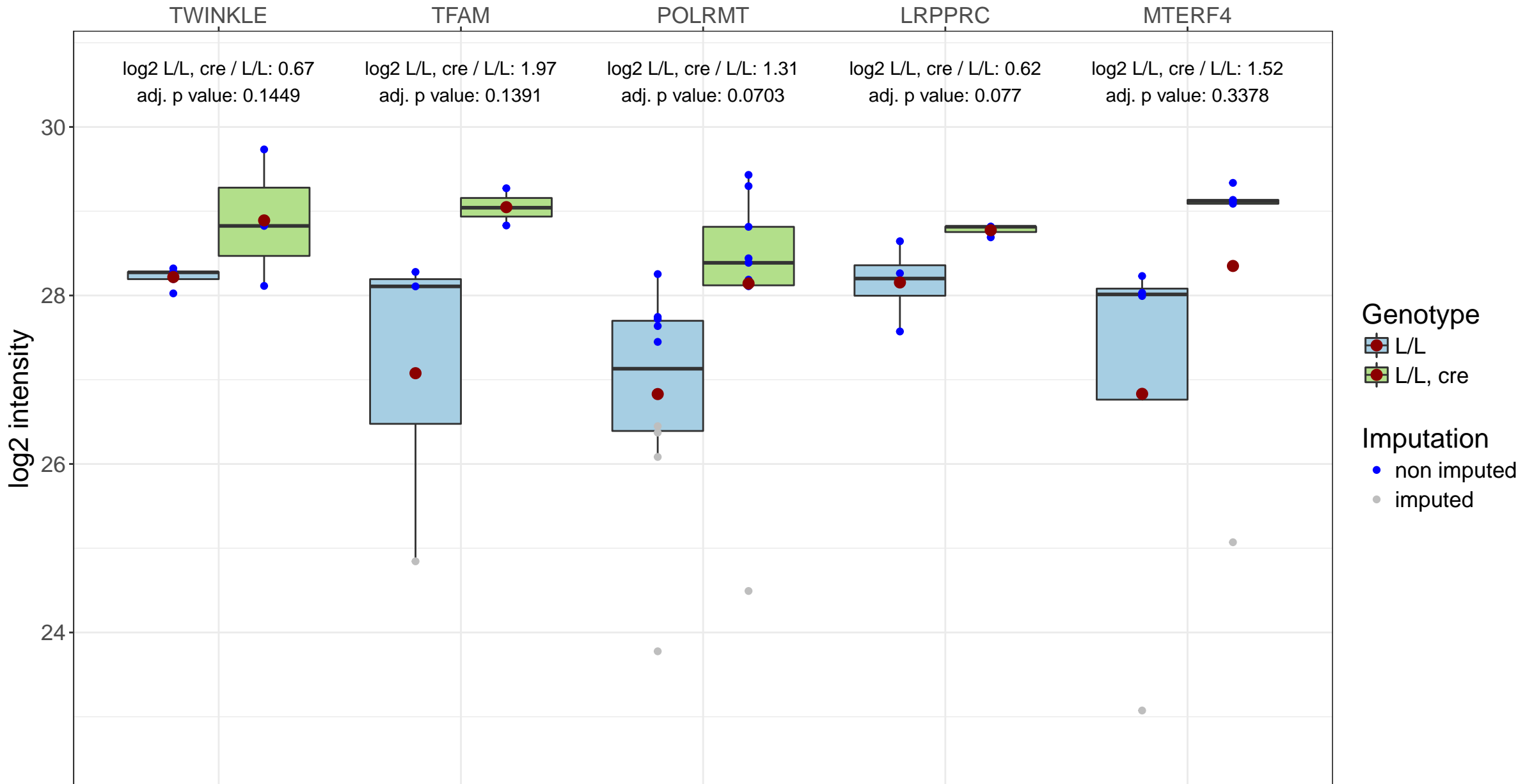
# CTSD / P18242



# CYB5A / G5E850

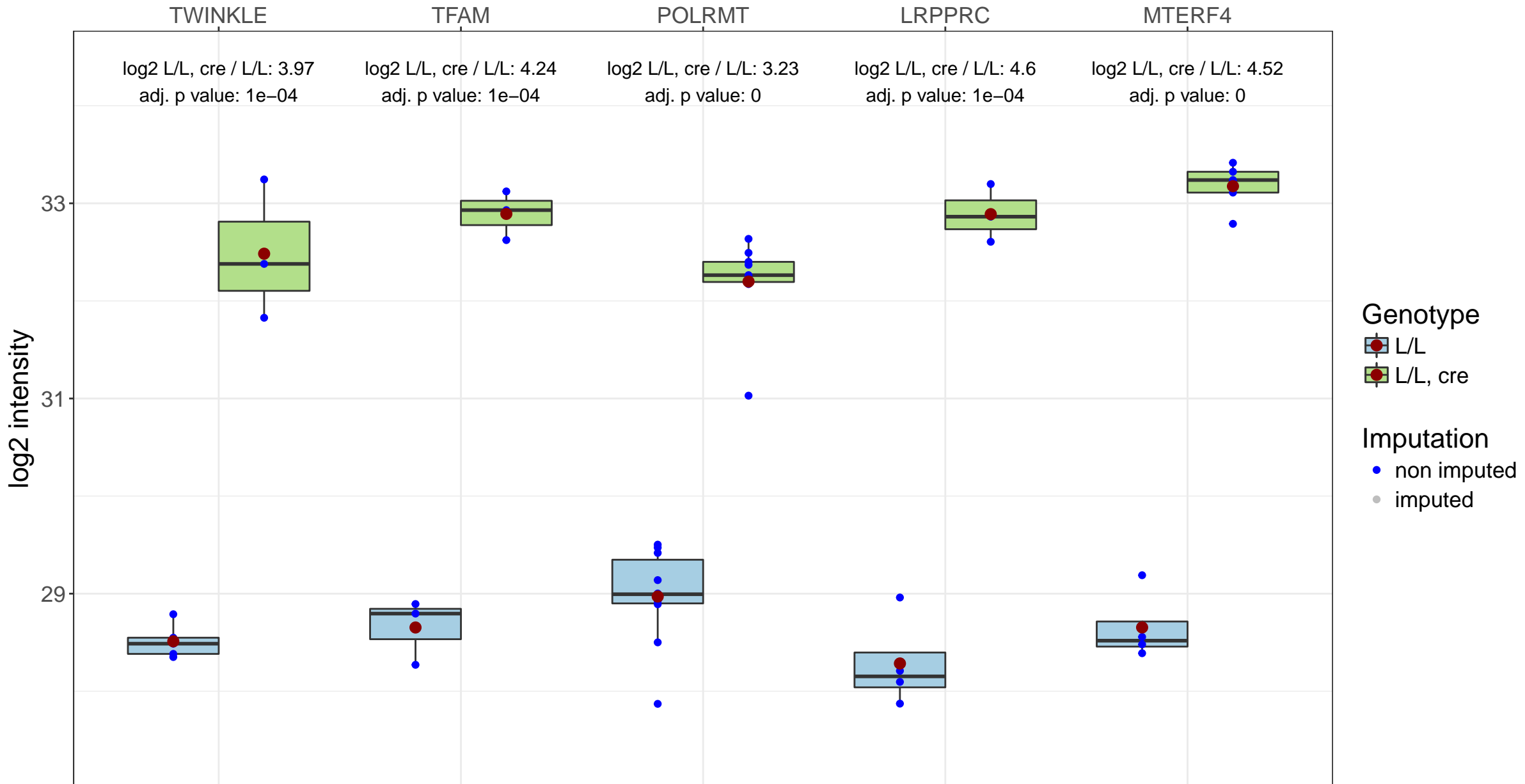


# CYB5B / Q9CQX2

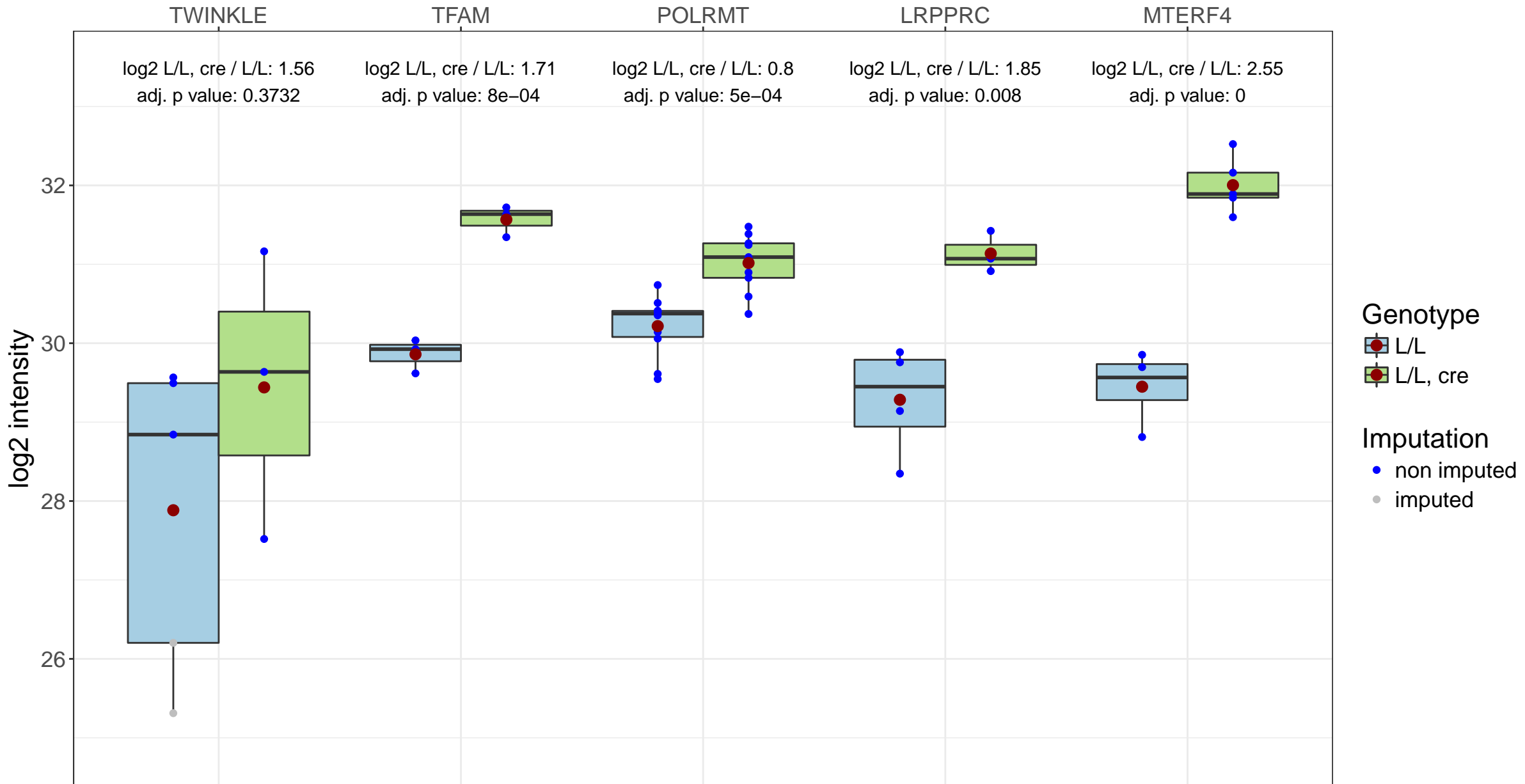




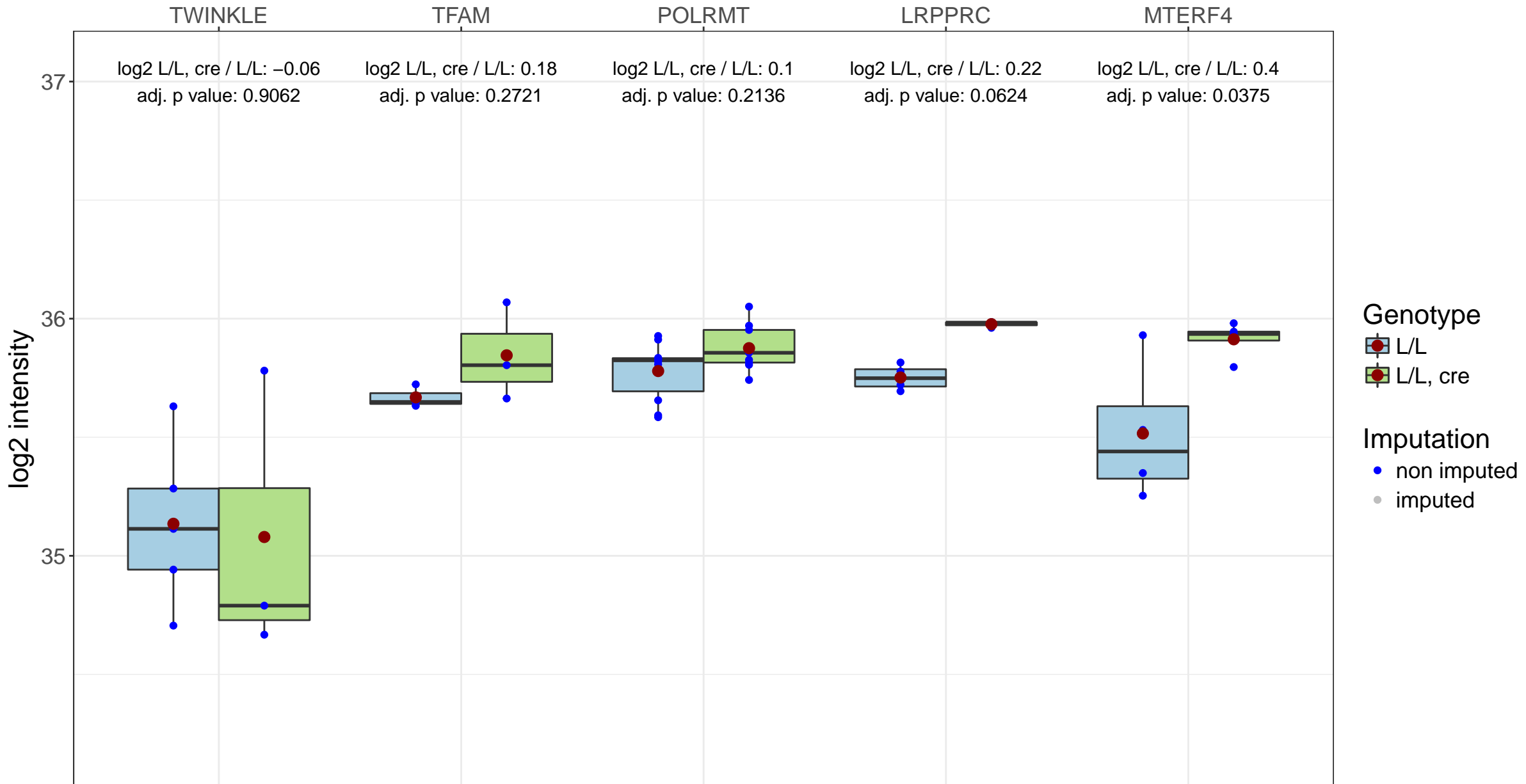
# CYB5R1 / Q9DB73



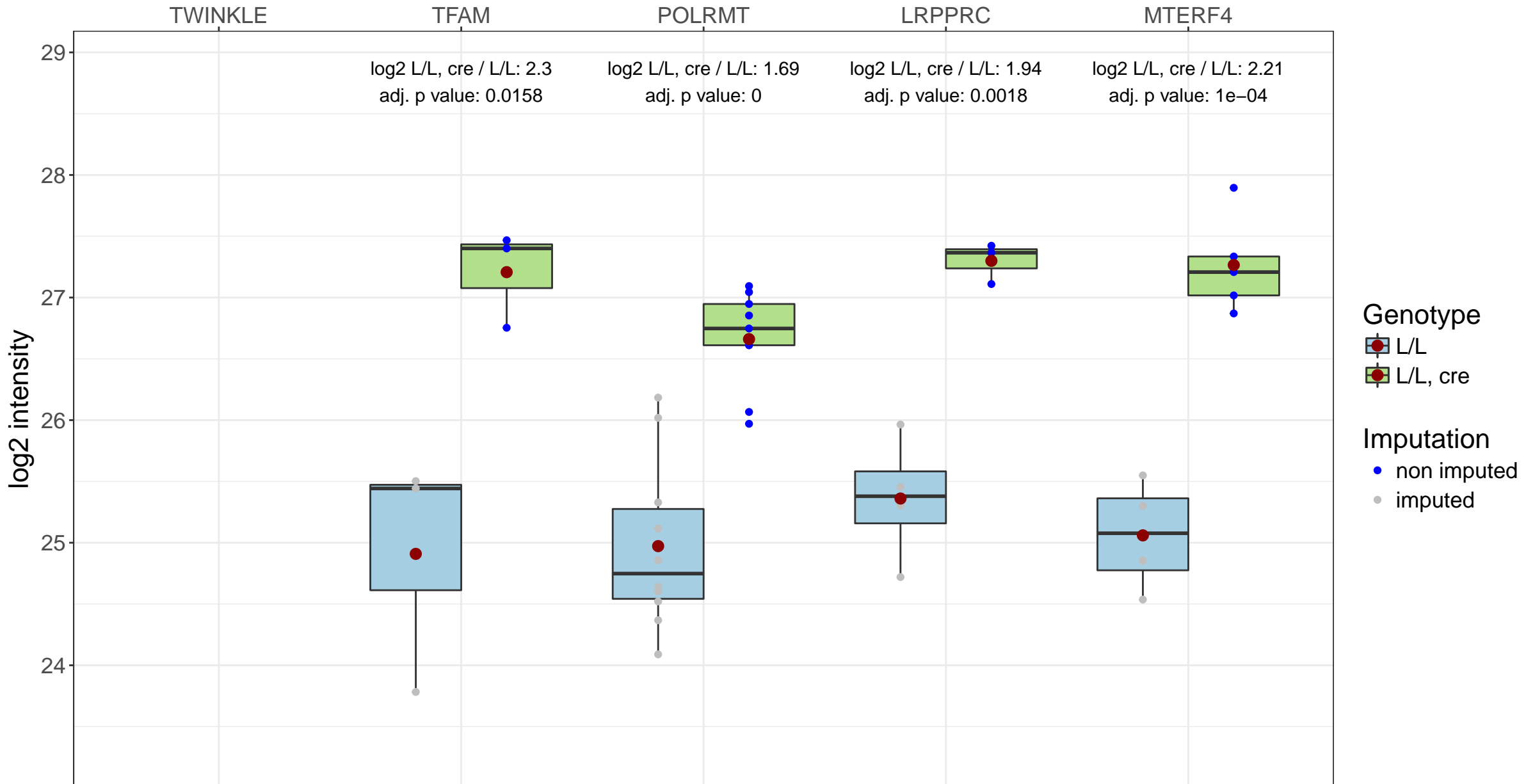
# CYB5R3 / Q9DCN2-2



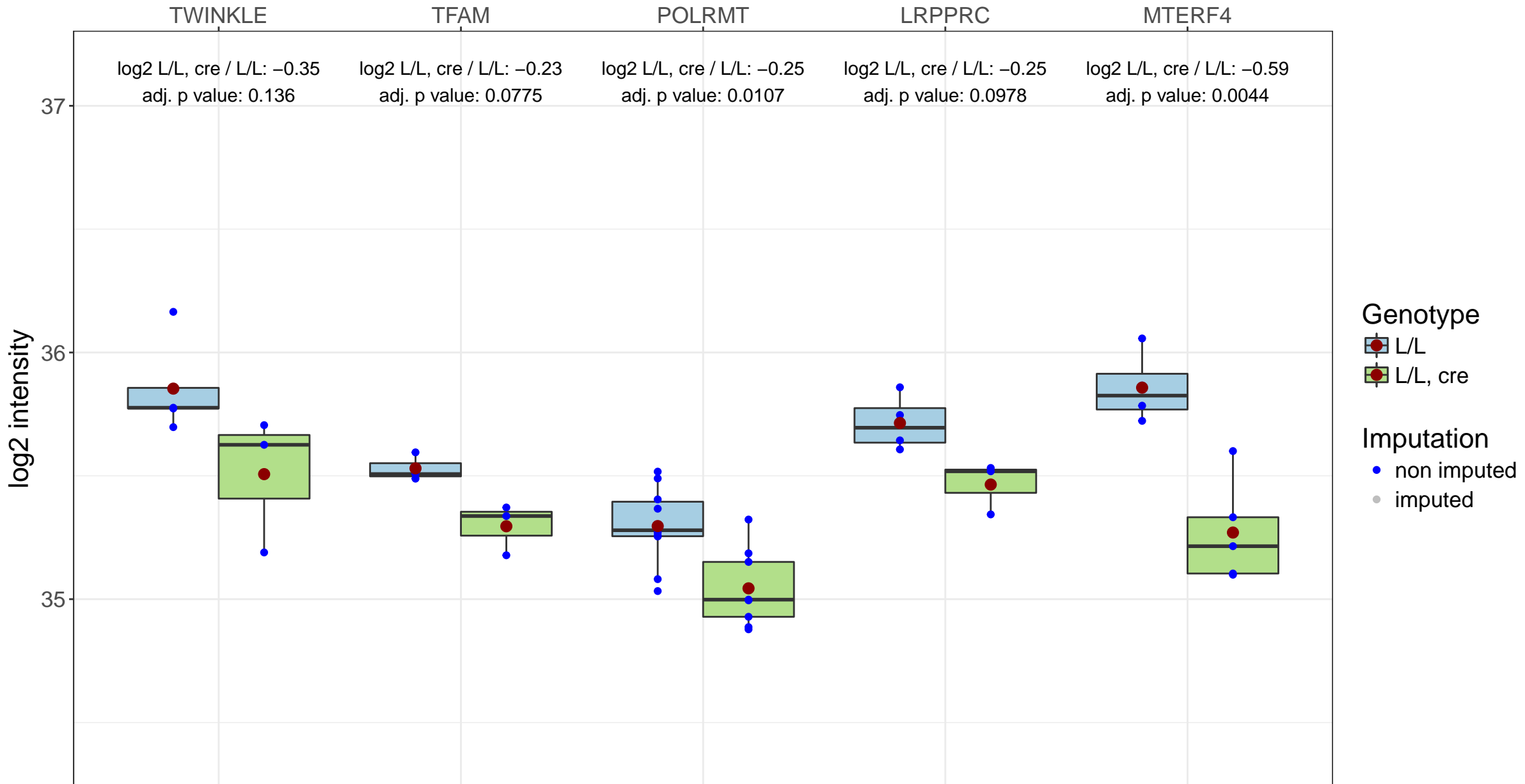
# CYC1 / Q9D0M3-2



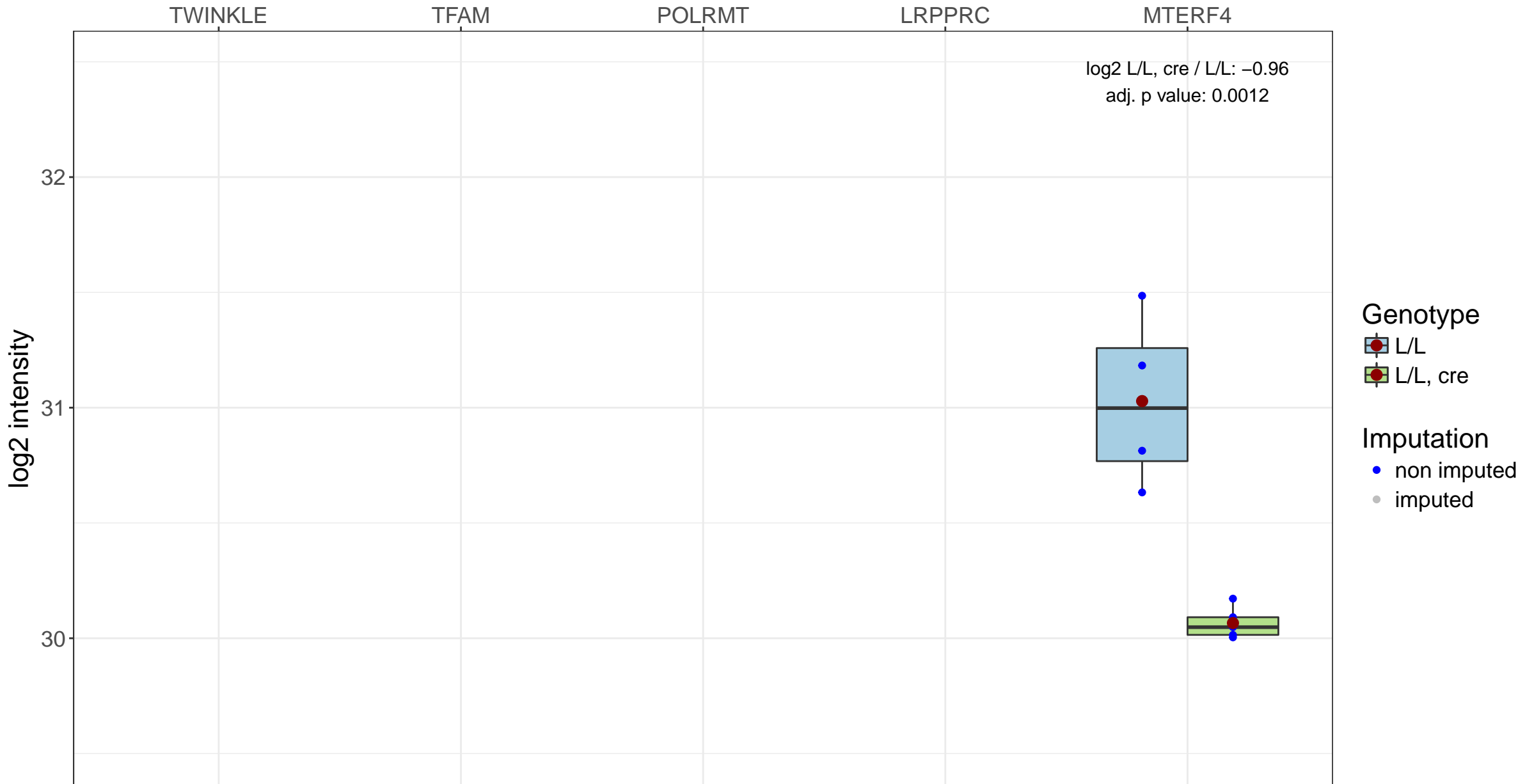
# CYP27A1 / Q9DBG1



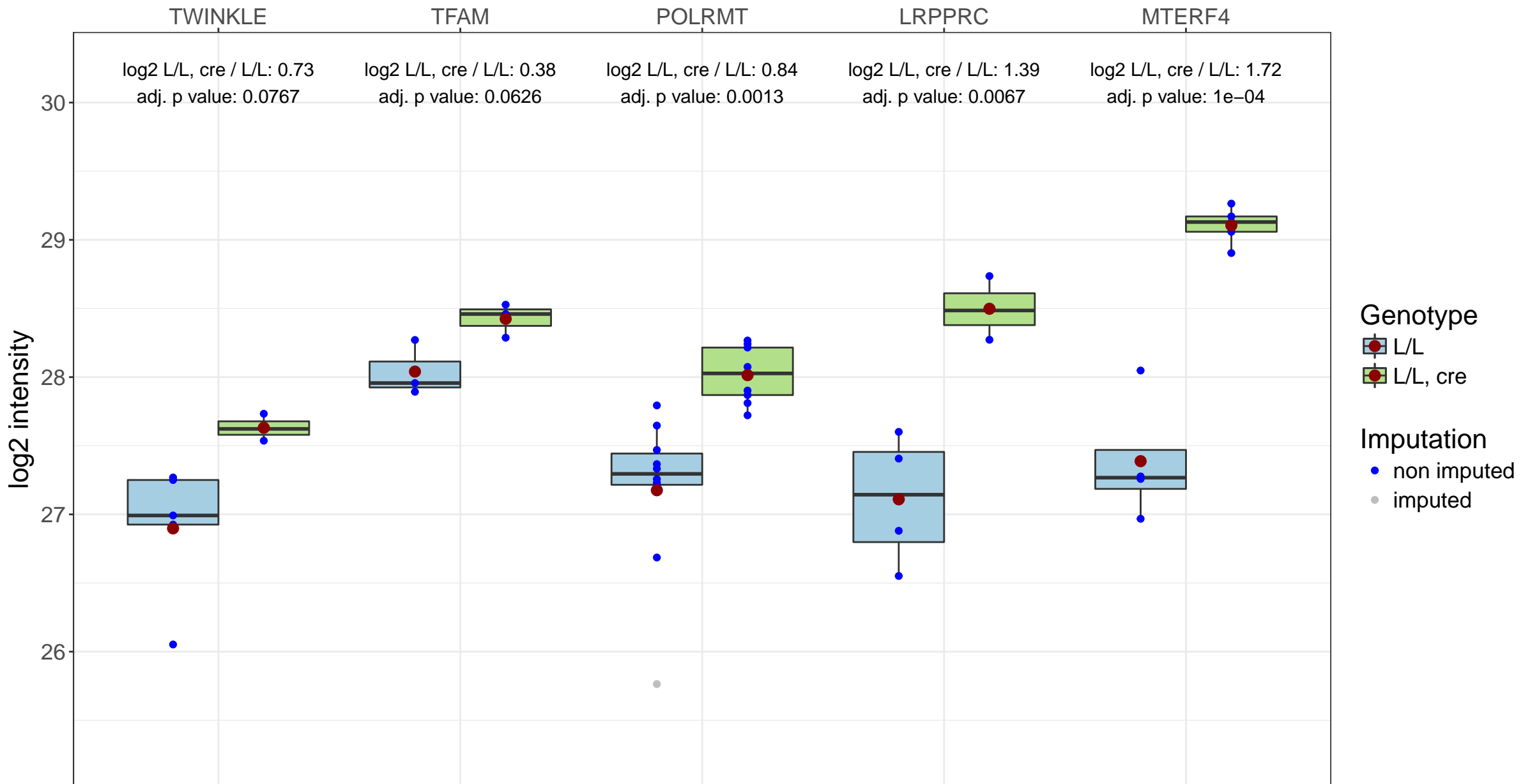
# D10JHU81E / Q9D172



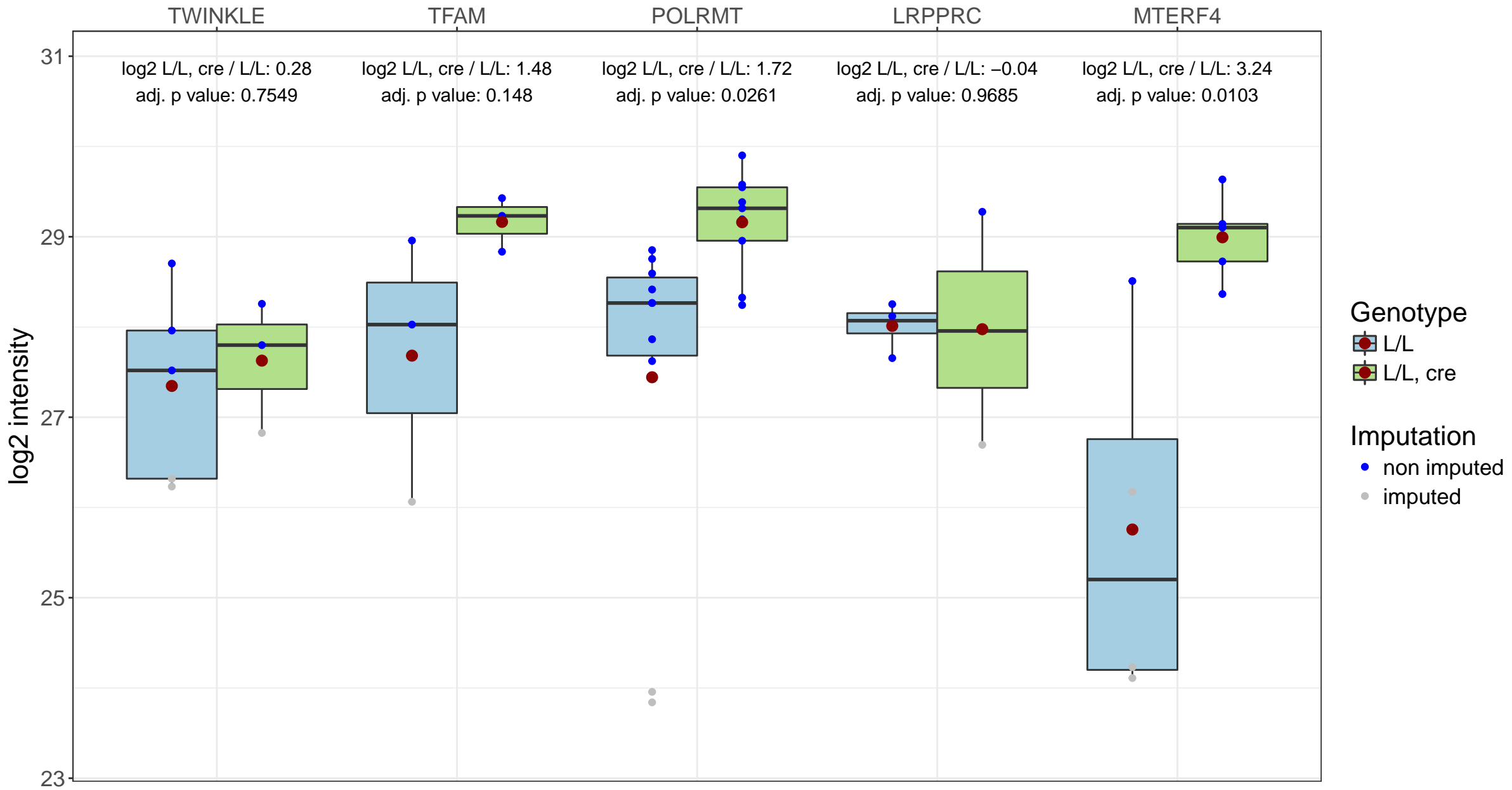
# D2HGDH / E9QN44



# DARS2 / Q8BIP0

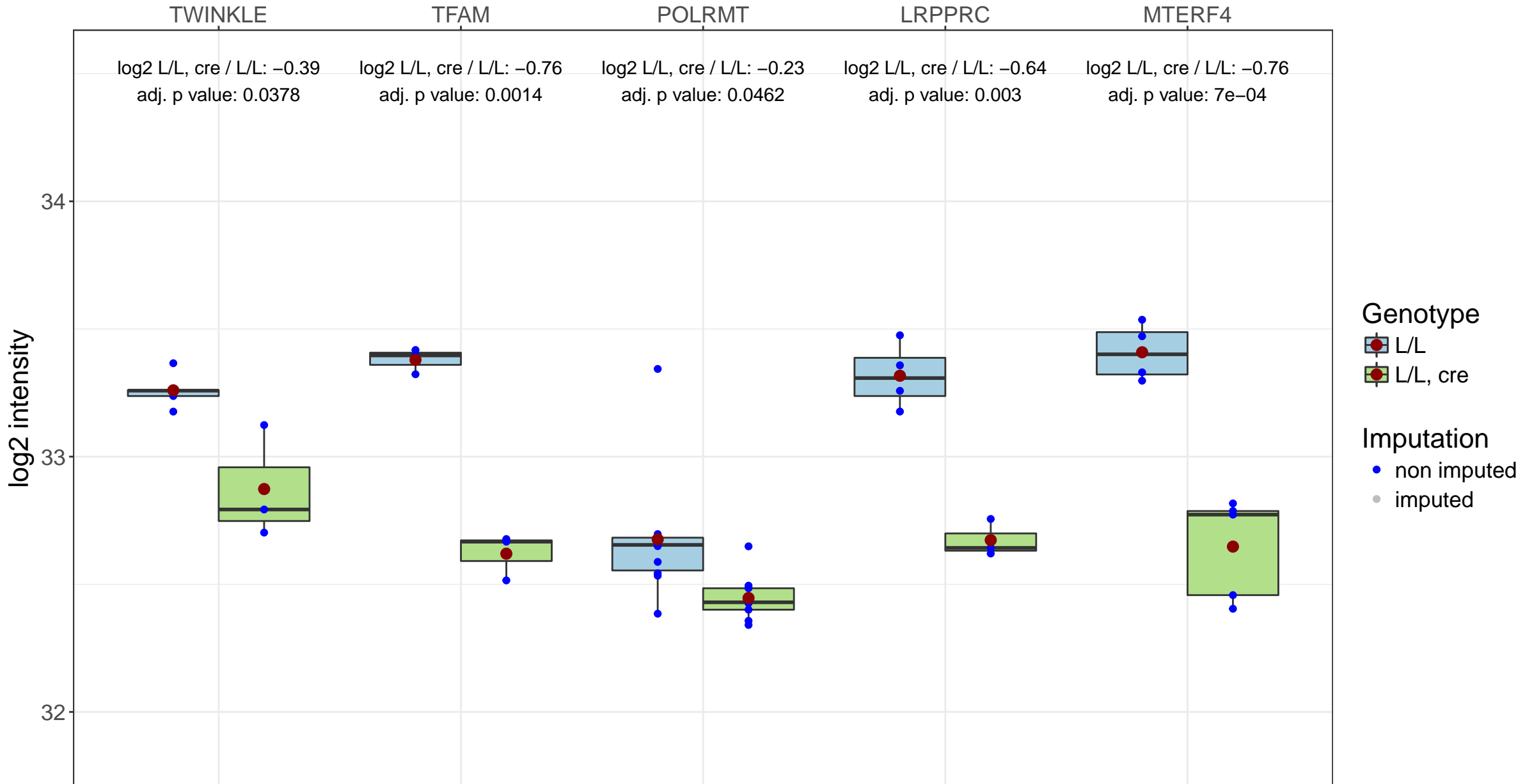


# DBI / P31786

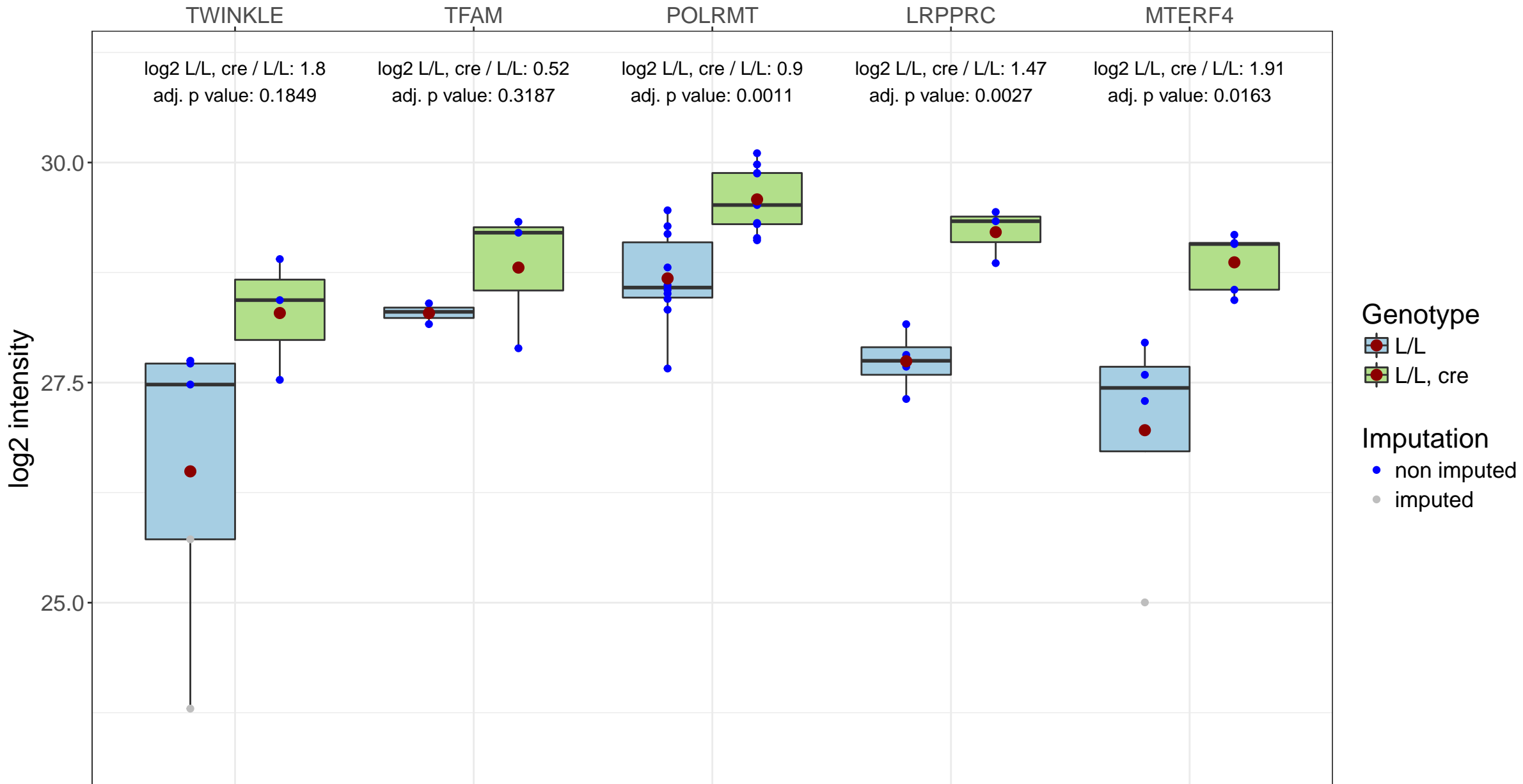




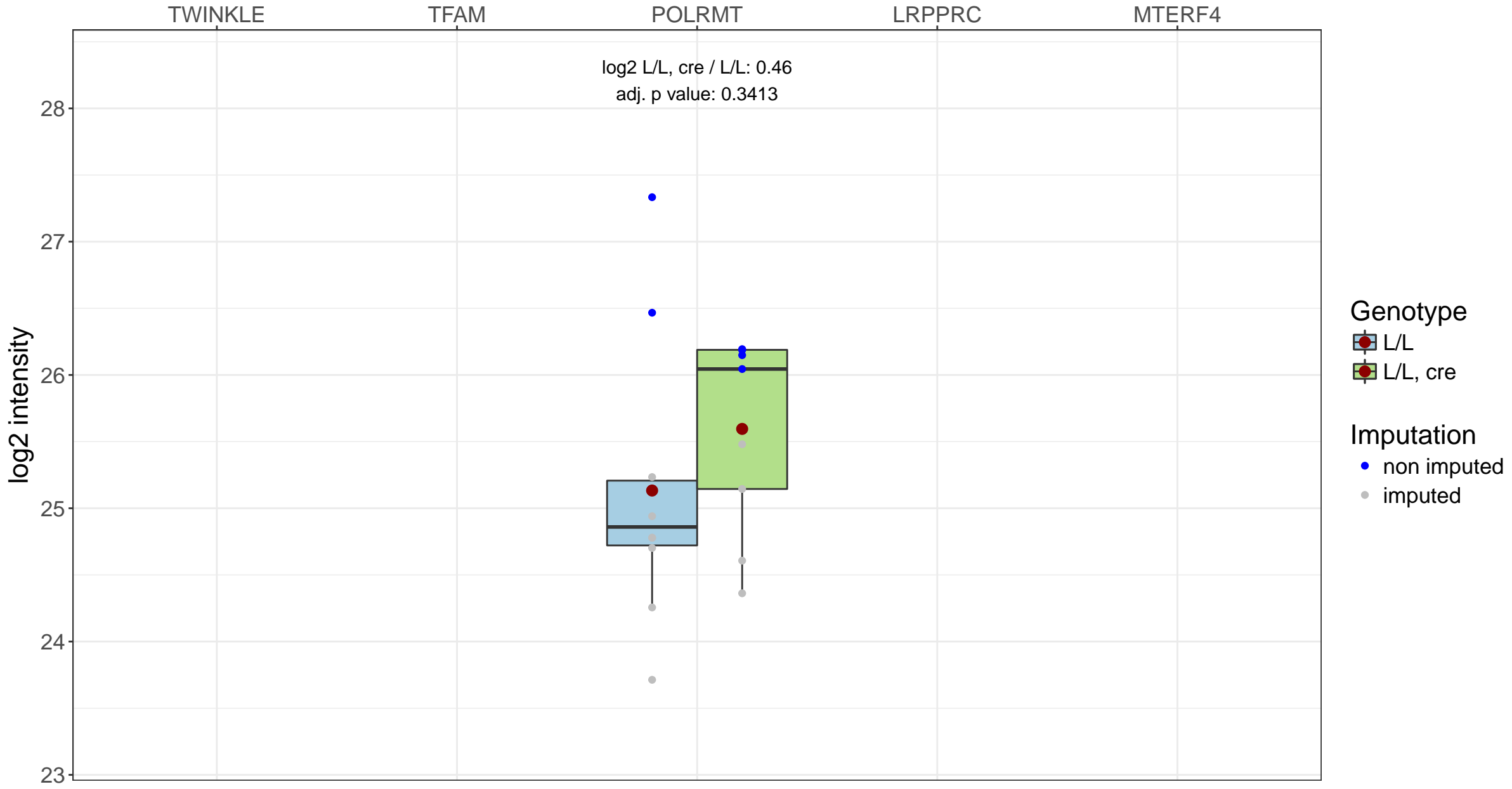
# DBT / P53395



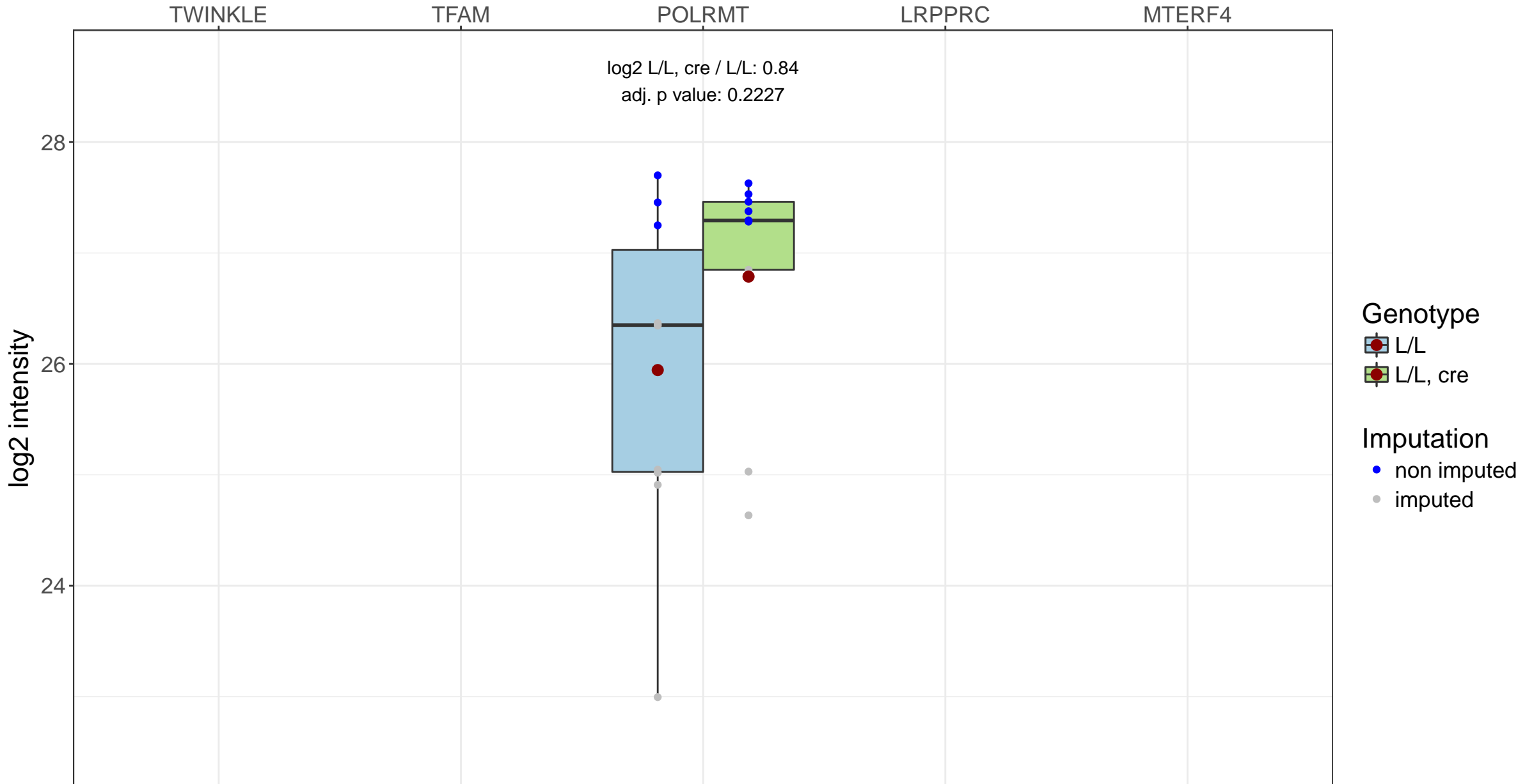
# DCAKD / Q8BHC4



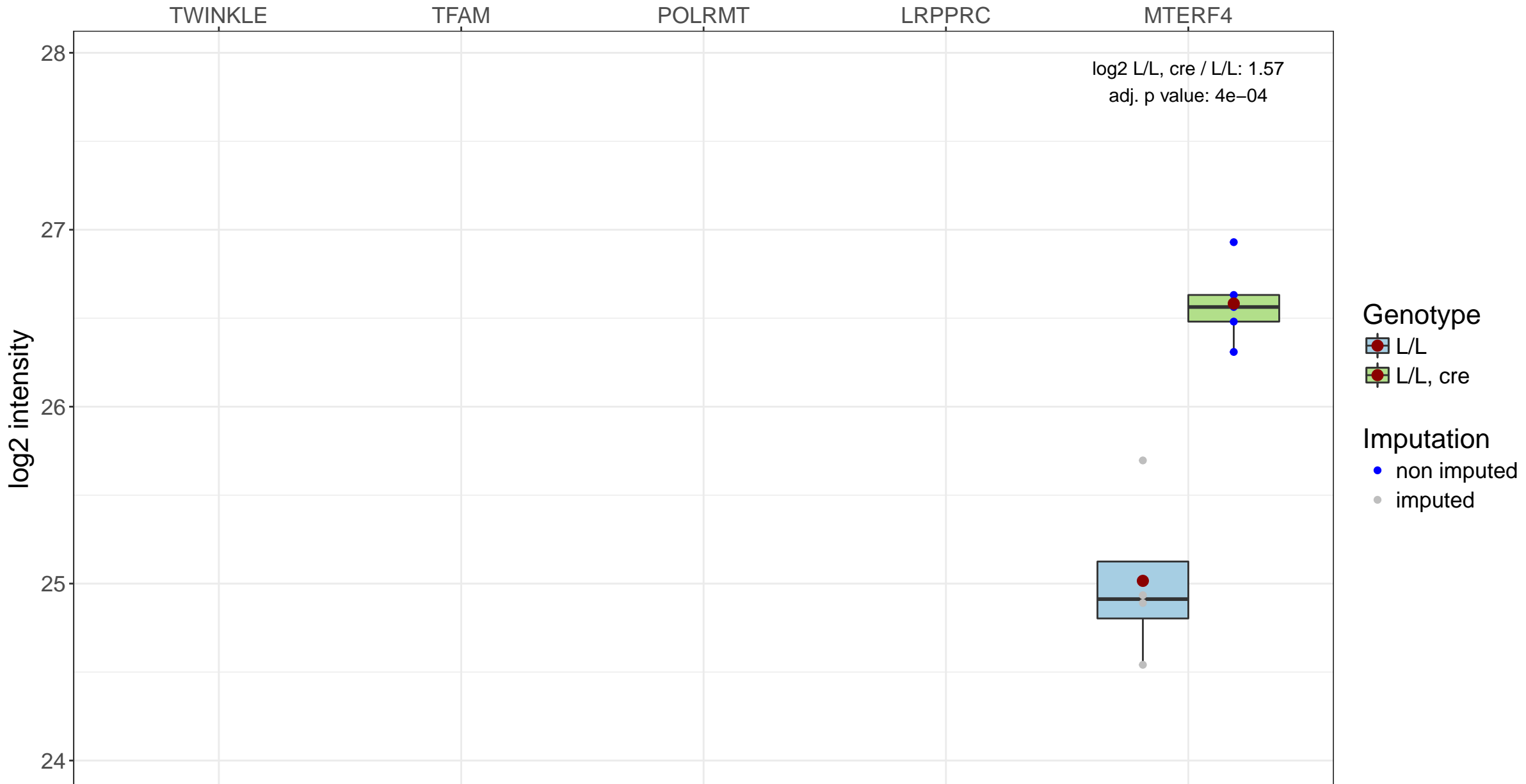
# DCN / P28654



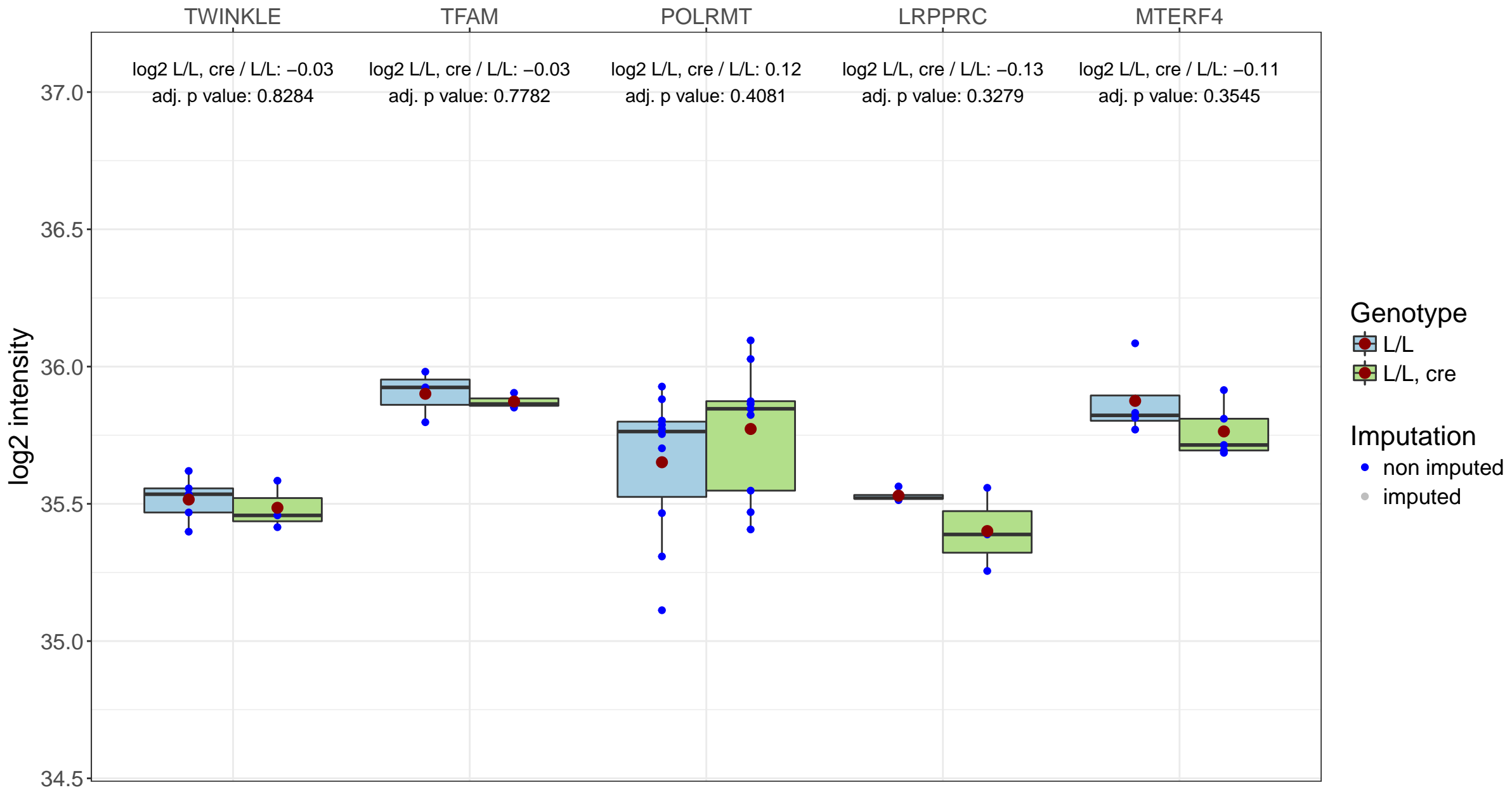
# DDOST / O54734



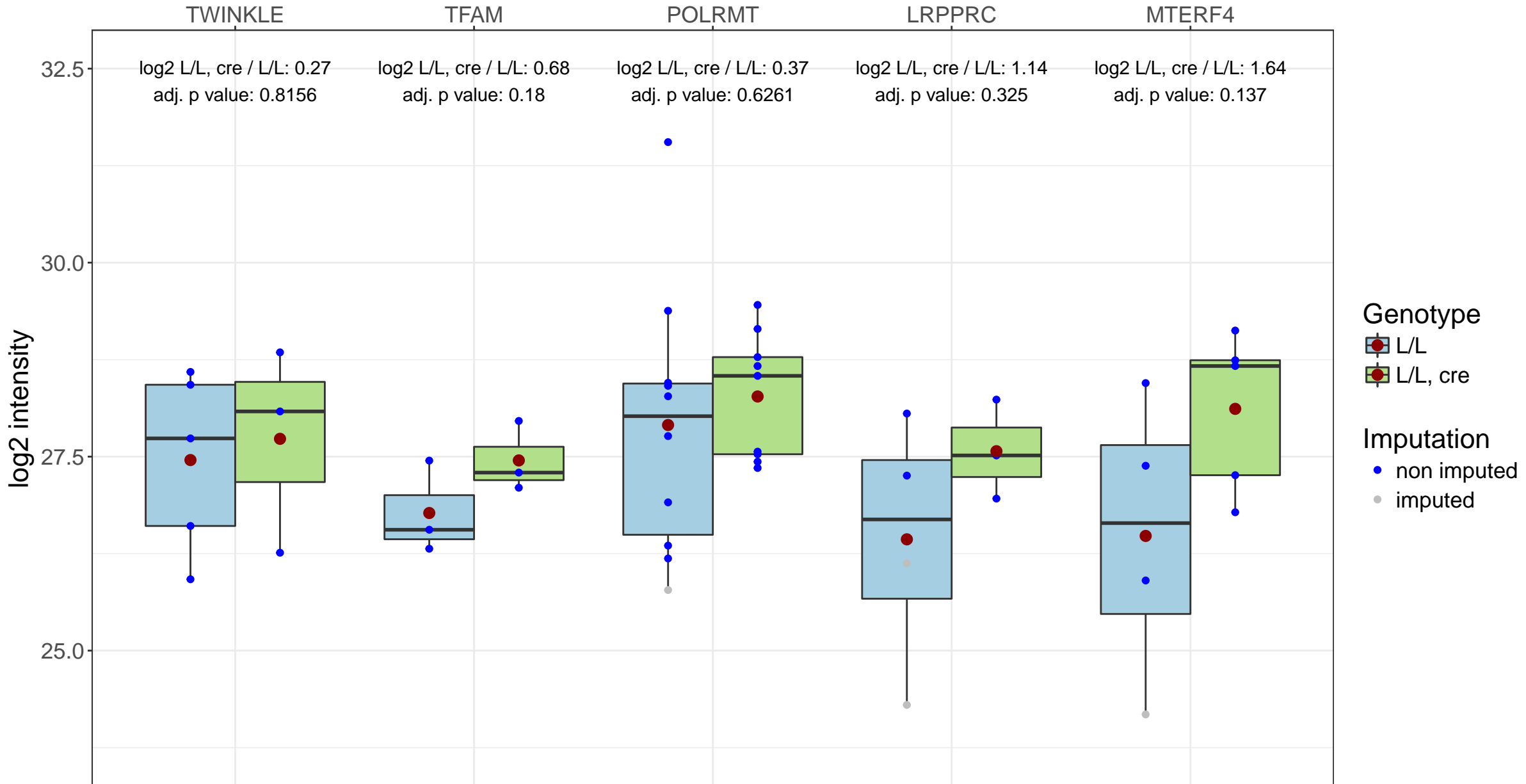
# DDX28 / Q9CWT6



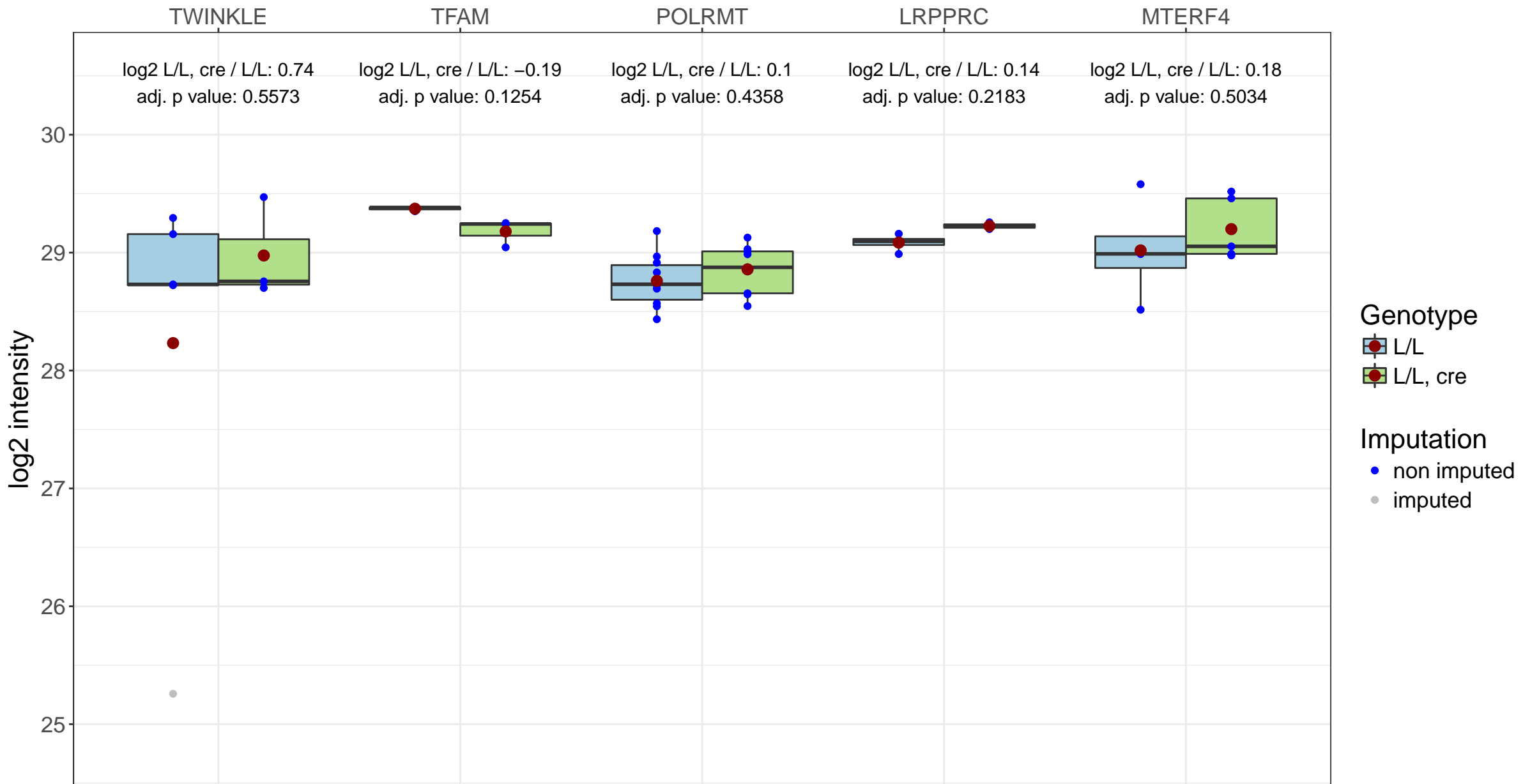
# DECR1 / Q9CQ62



# DES / P31001

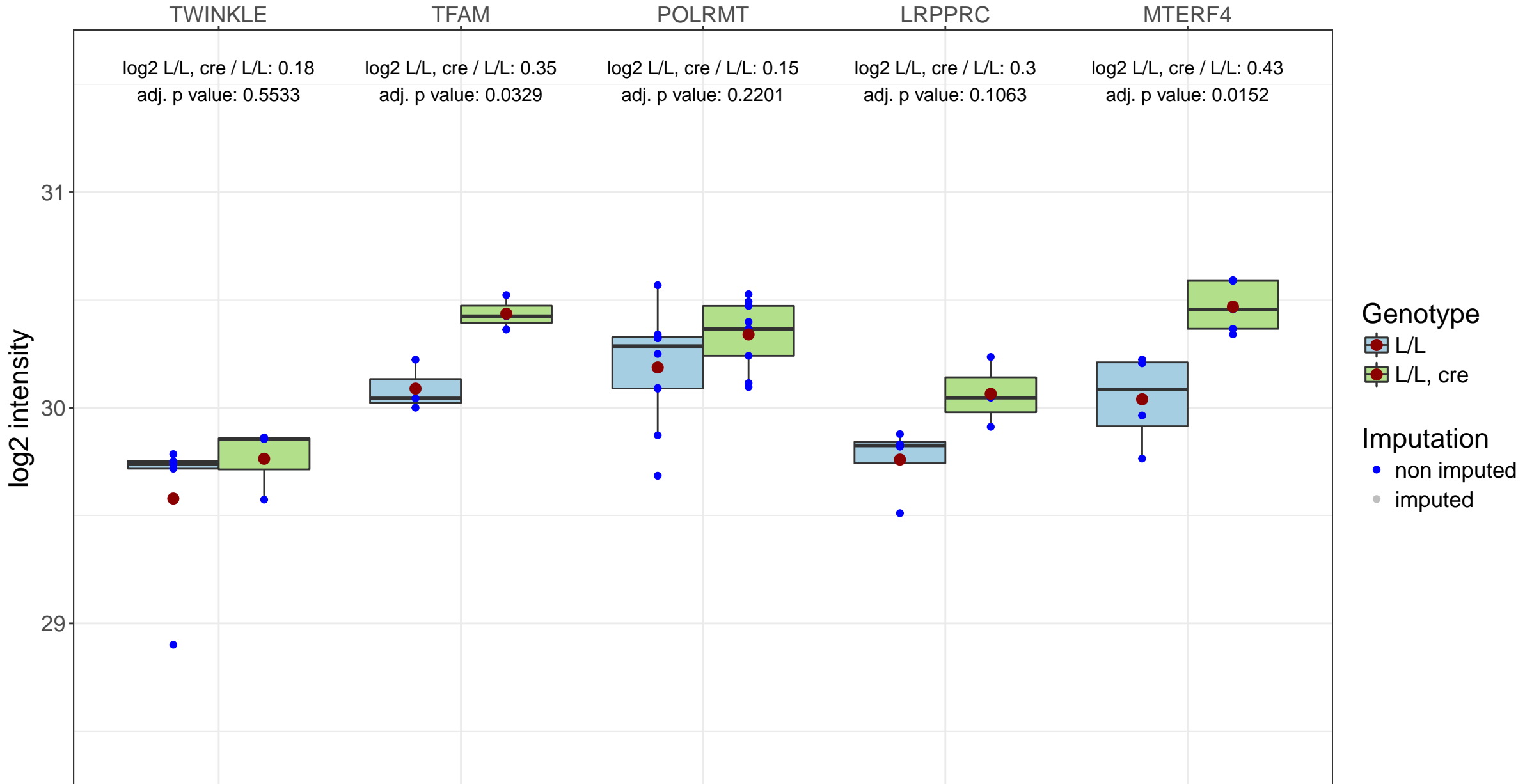


# DGUOK / Q9QX60-2

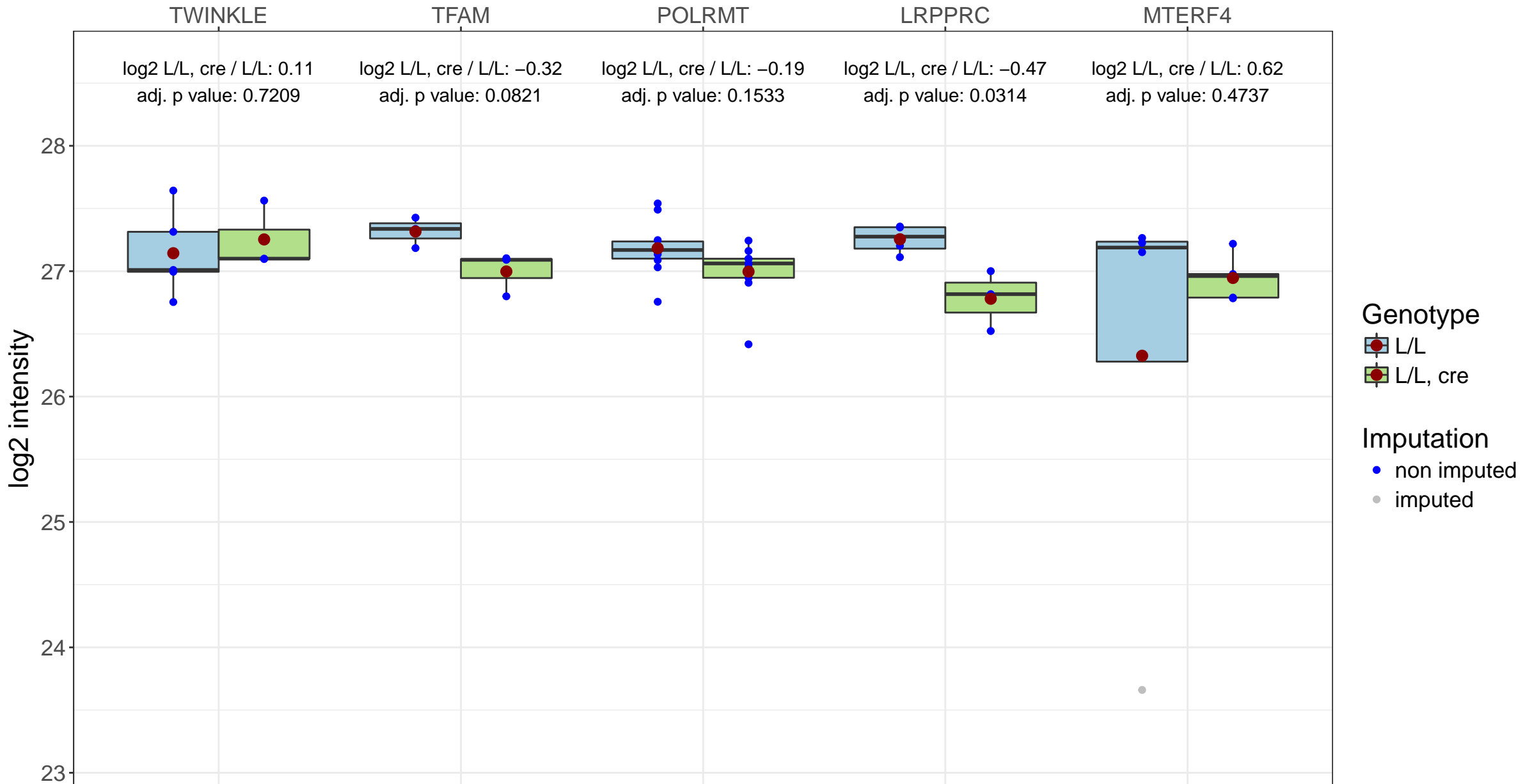




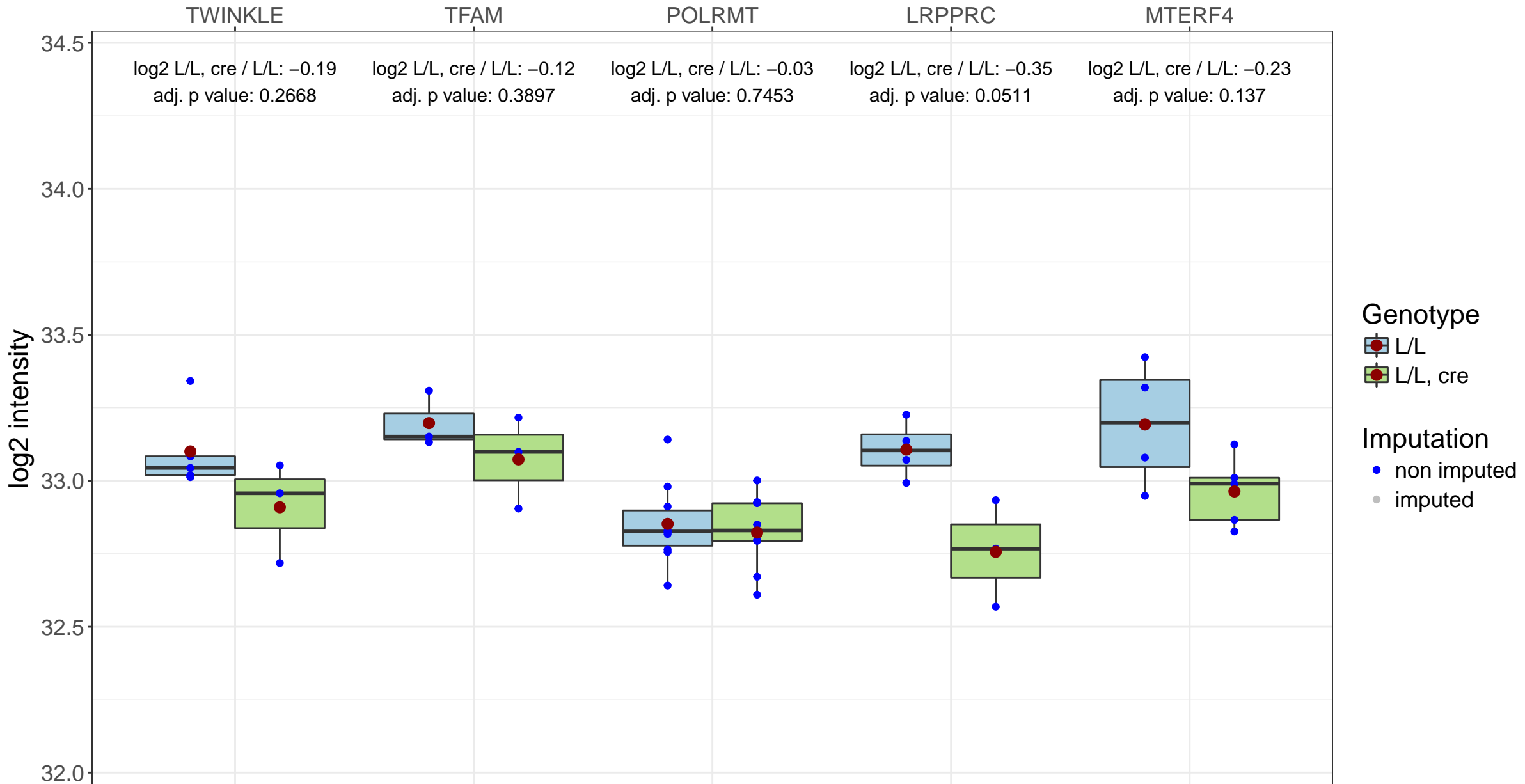
# DHODH / O35435



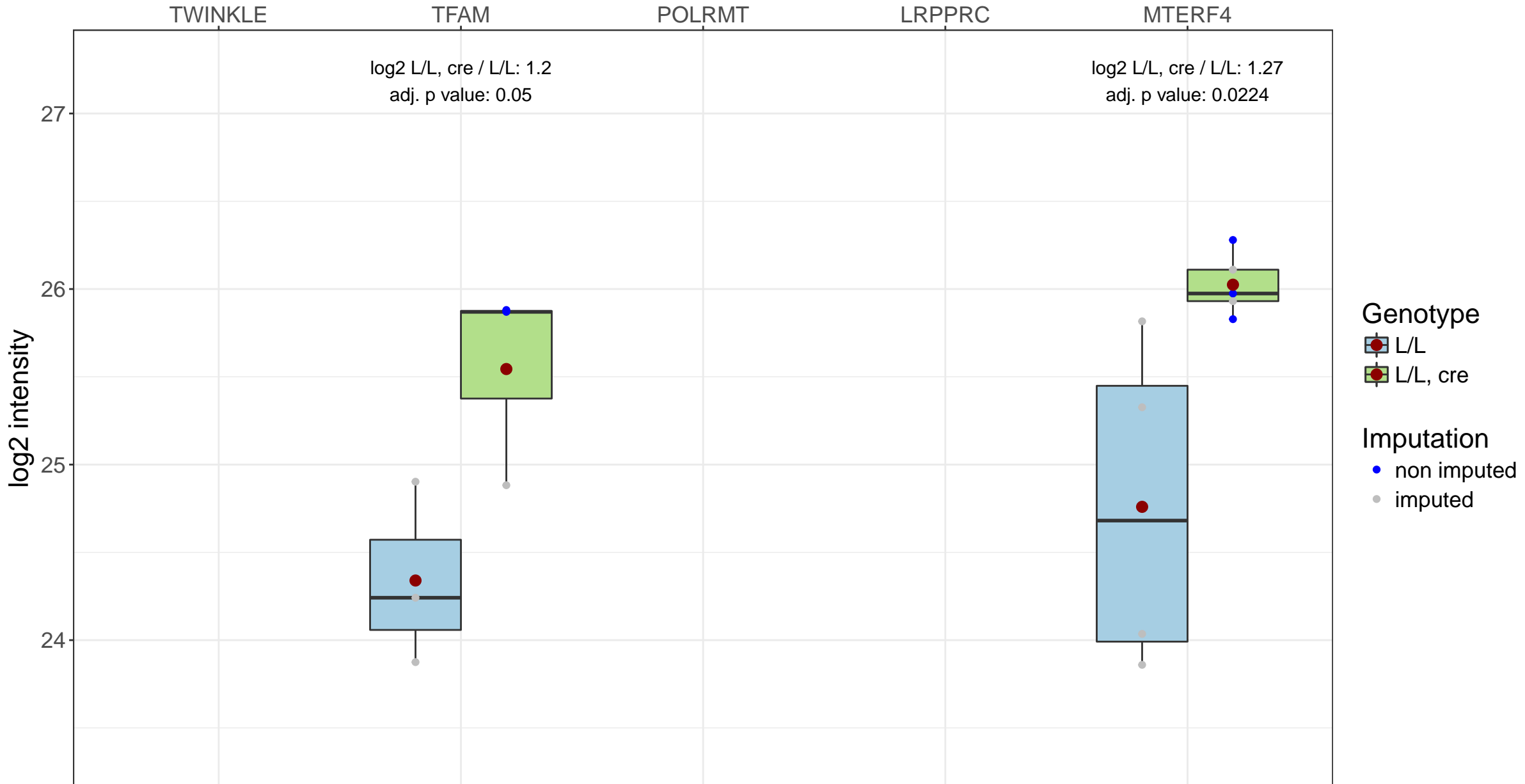
# DHRS1 / Q99L04



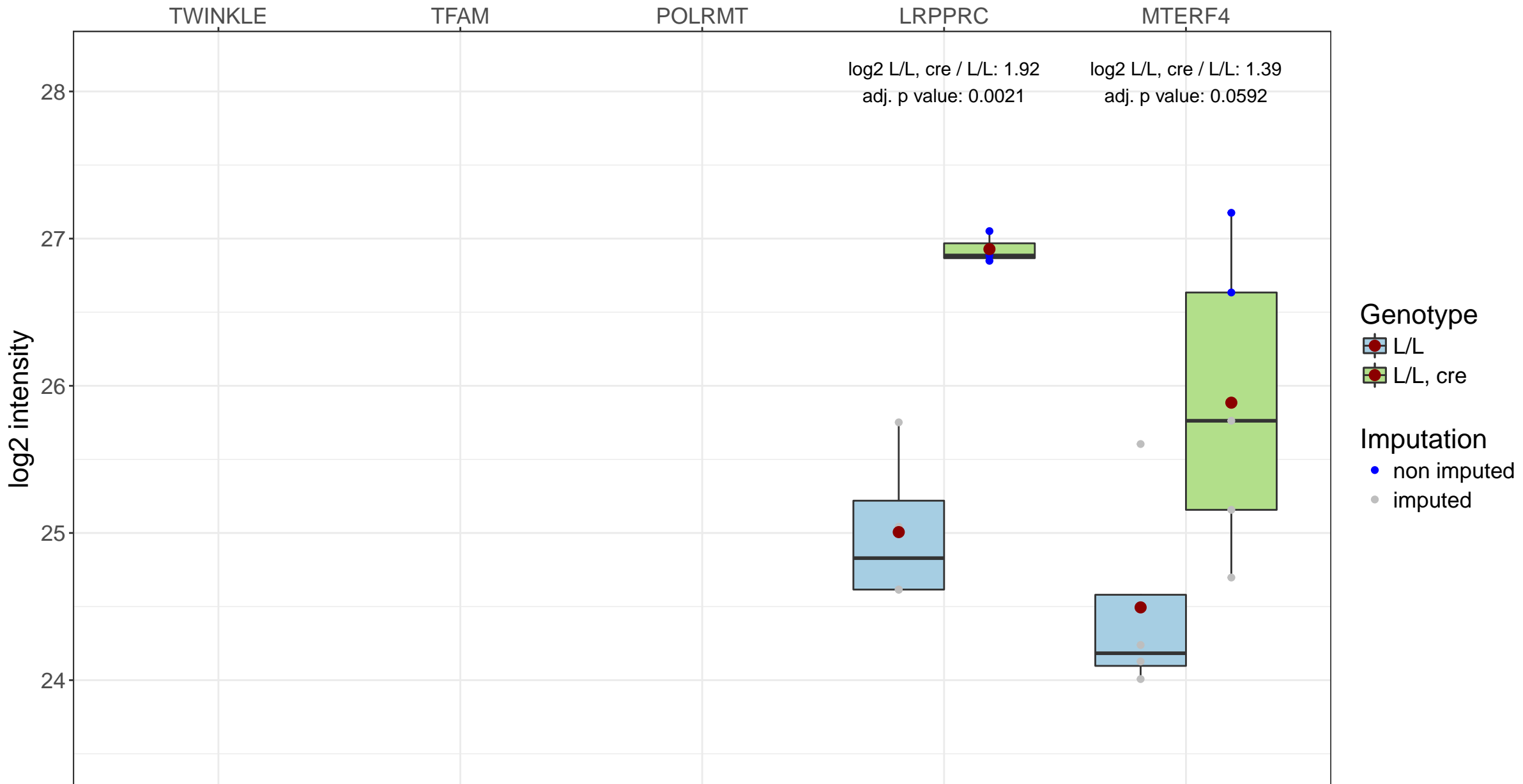
# DHRS4 / Q99LB2



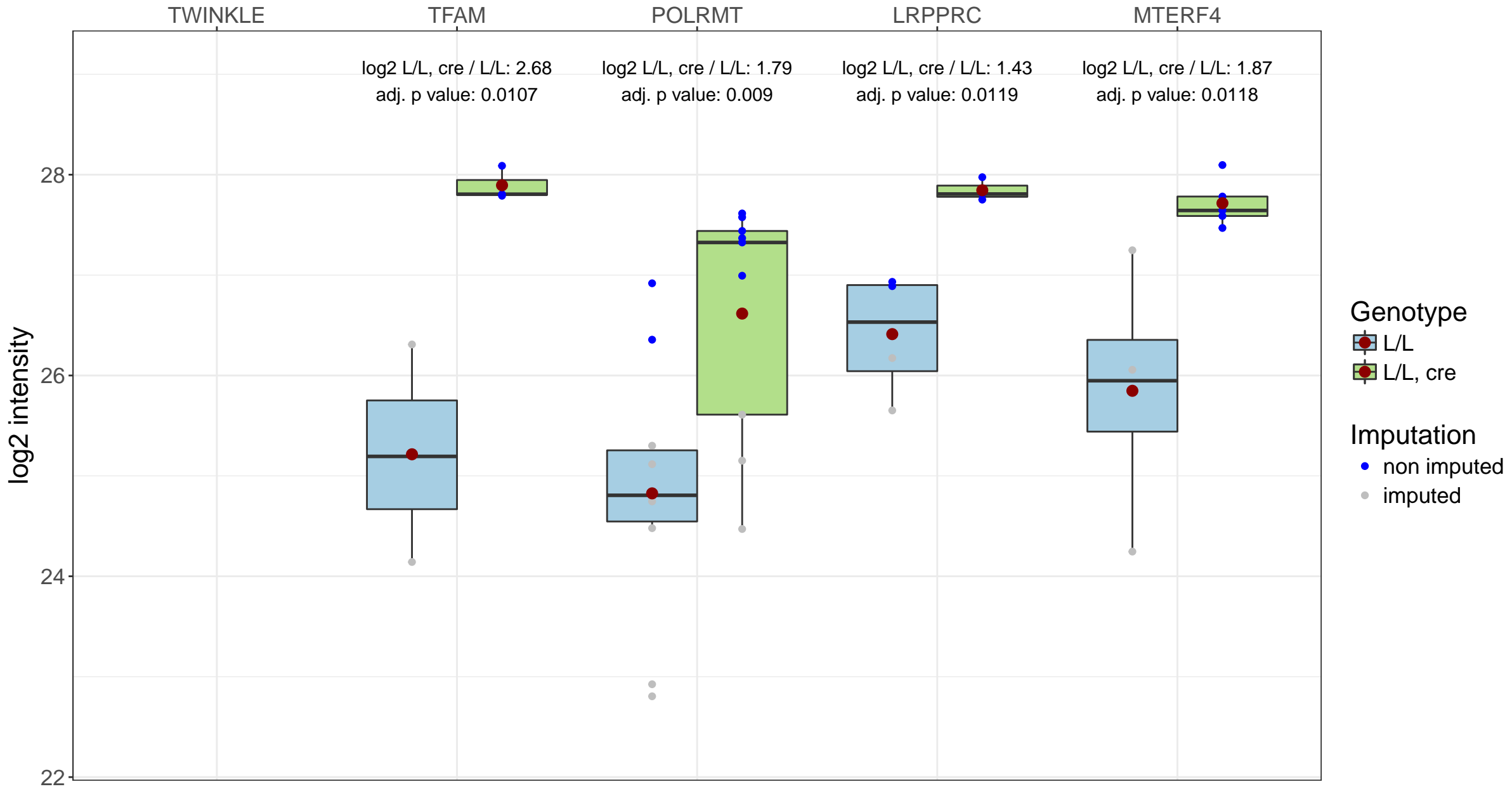
# DHRS7B / Z4YKT6



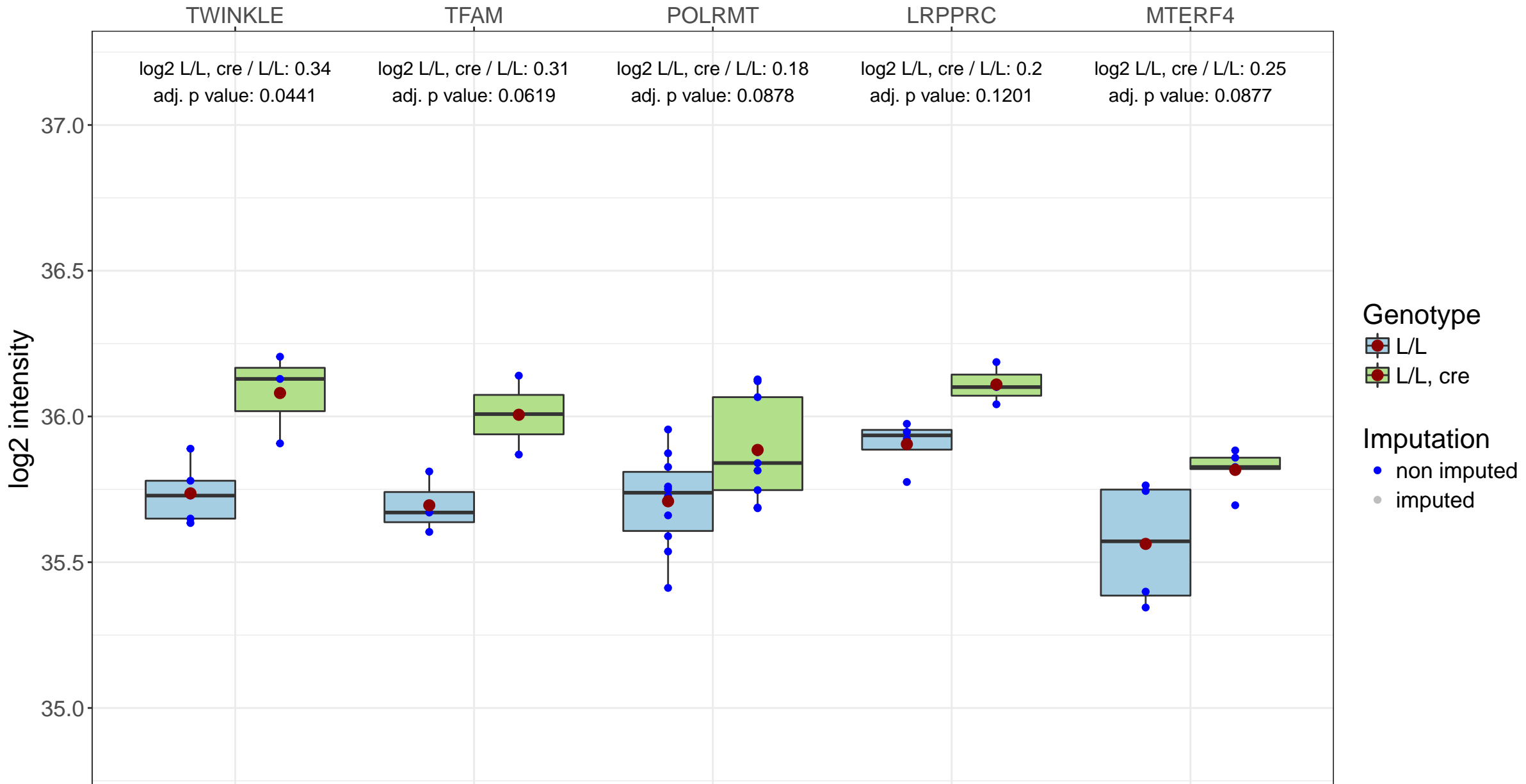
# DHX30 / D3Z2J3



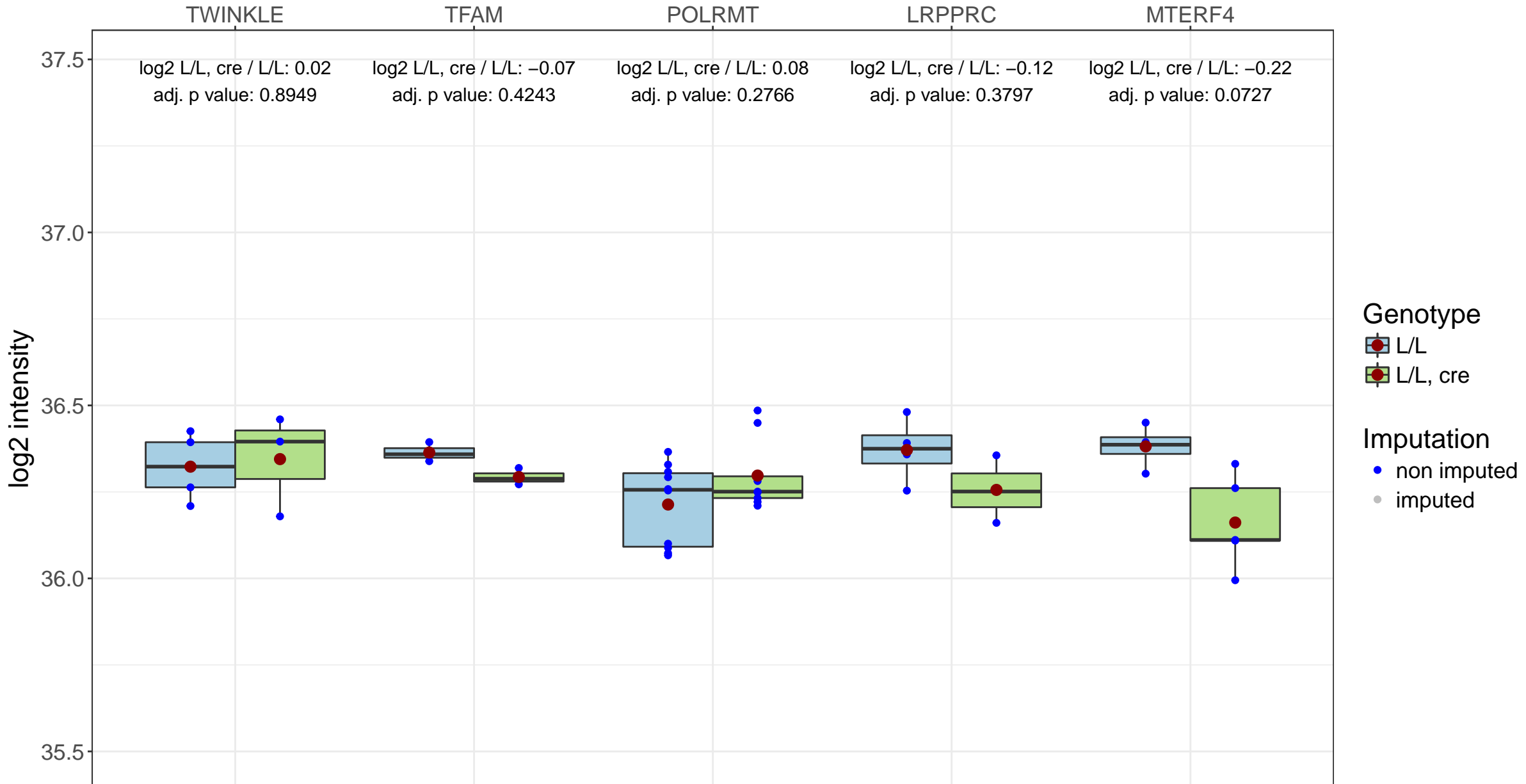
# DIABLO / Q9JIQ3



# DLAT / Q8BMF4

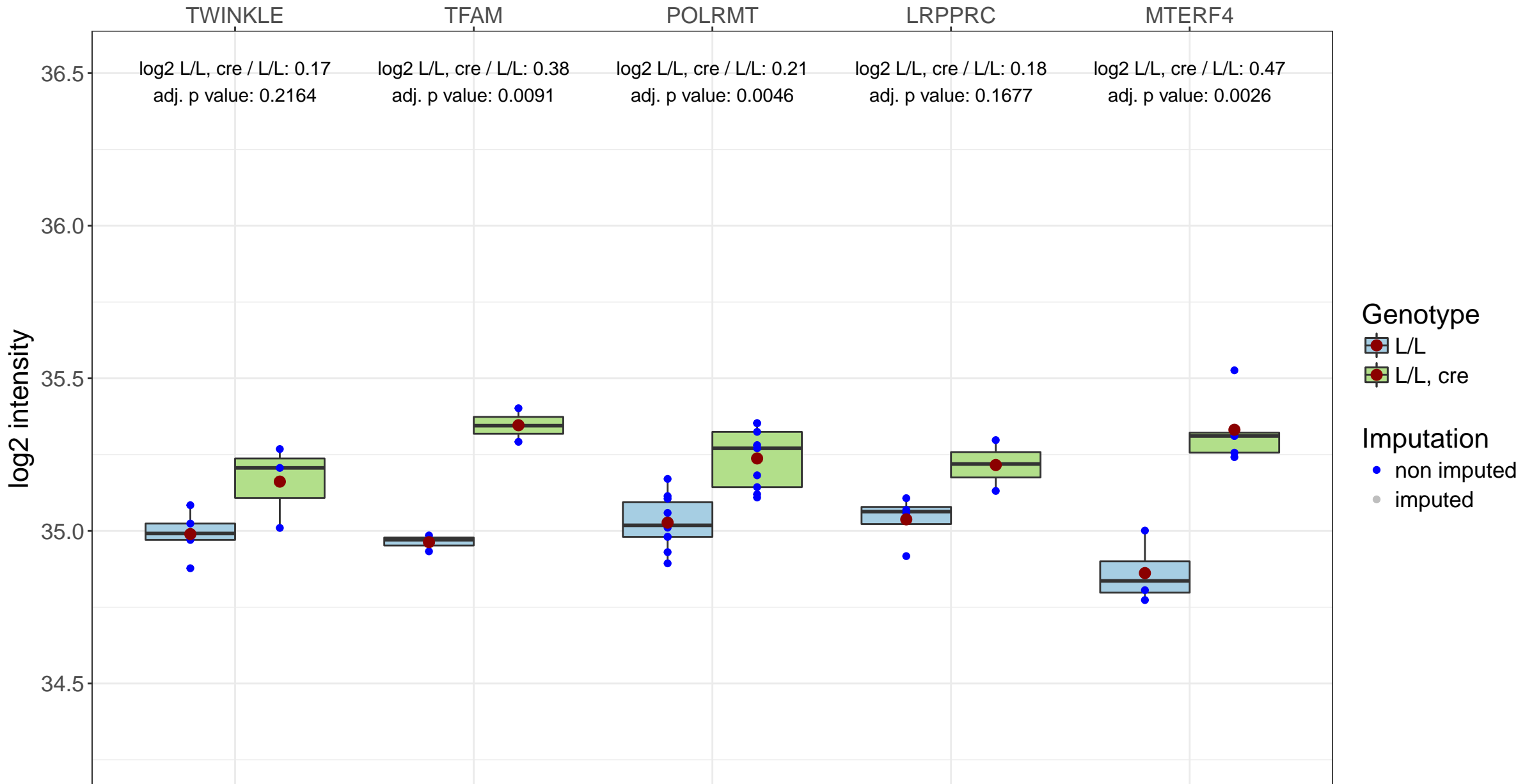


# DLD / O08749

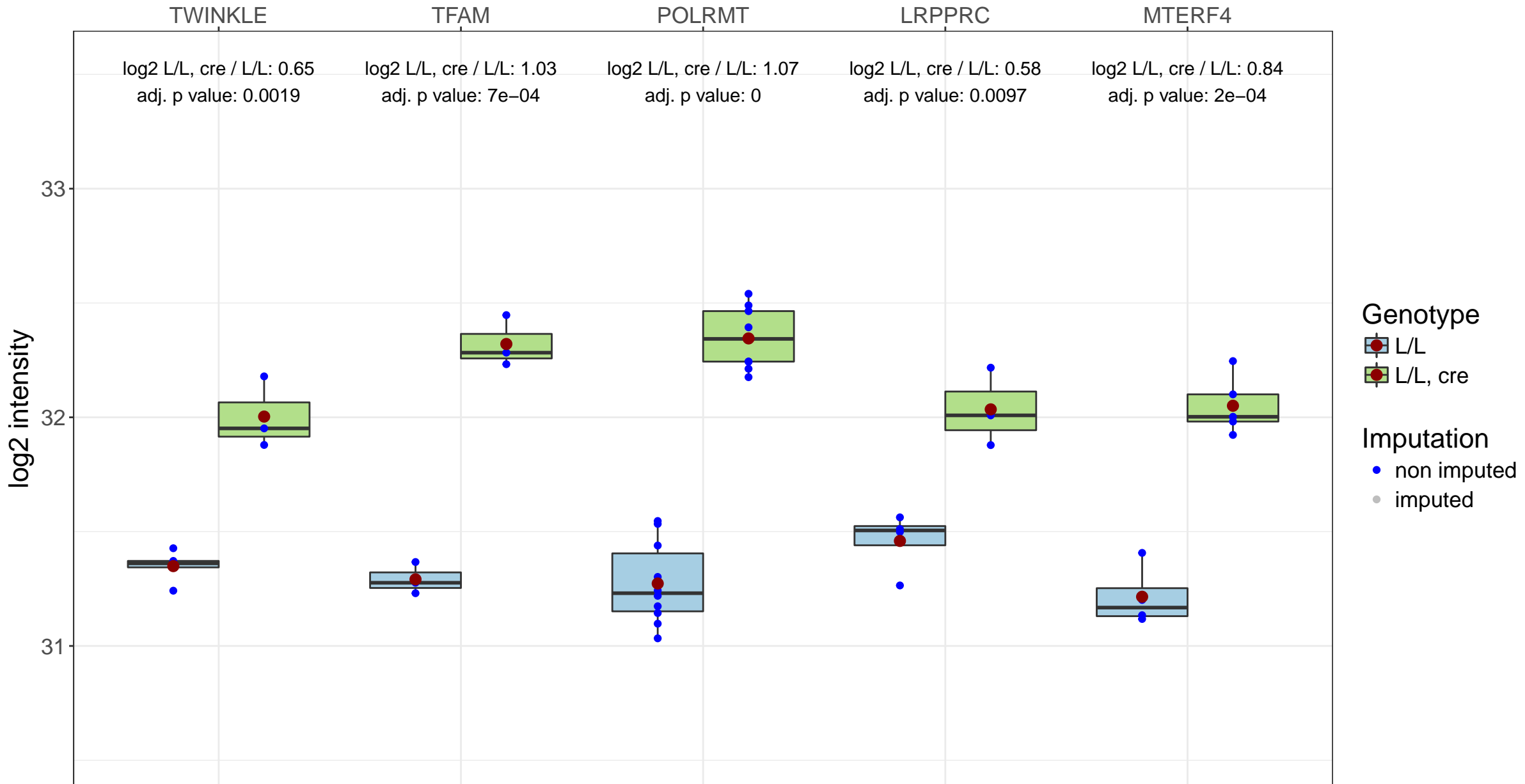




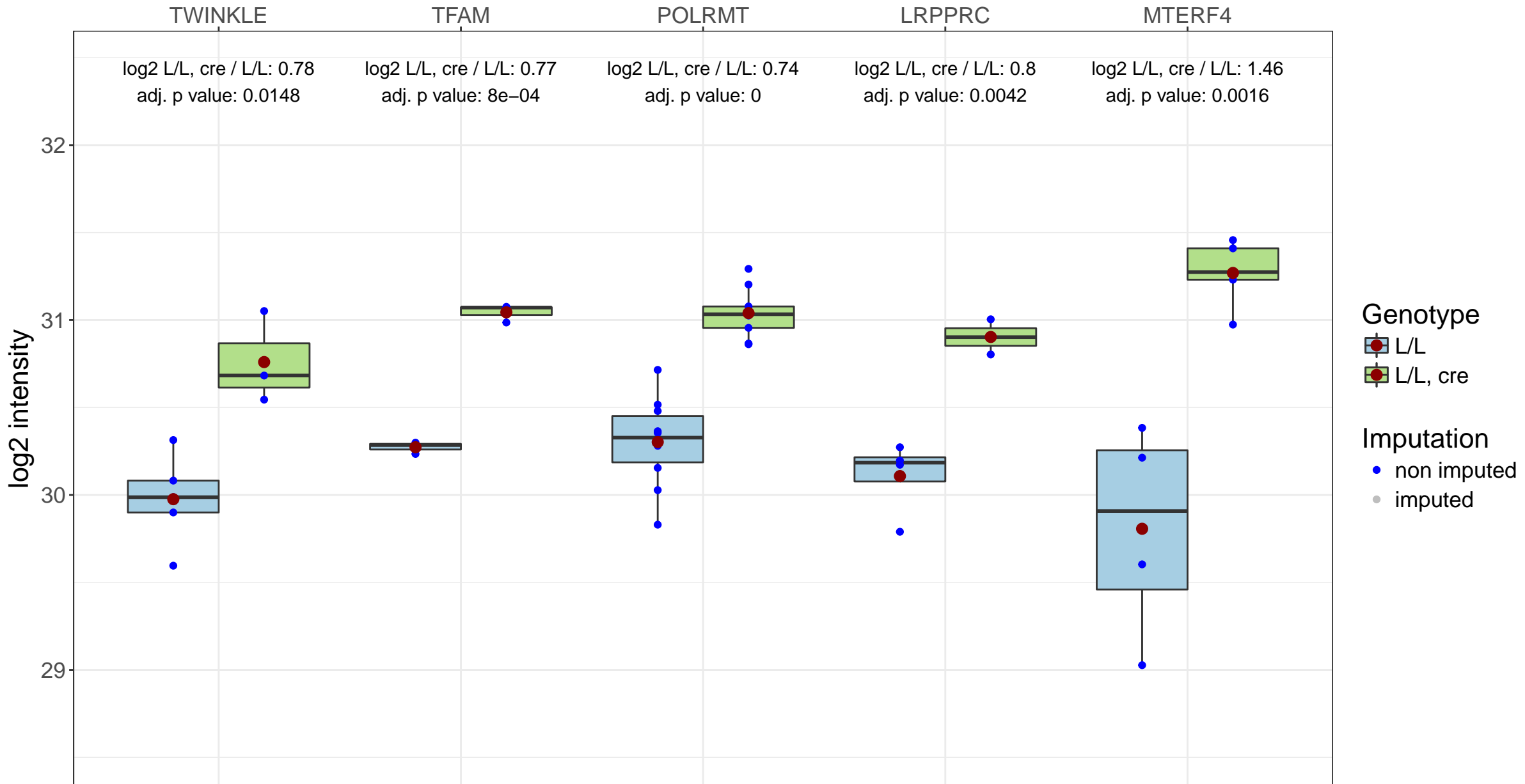
# DLST / Q9D2G2



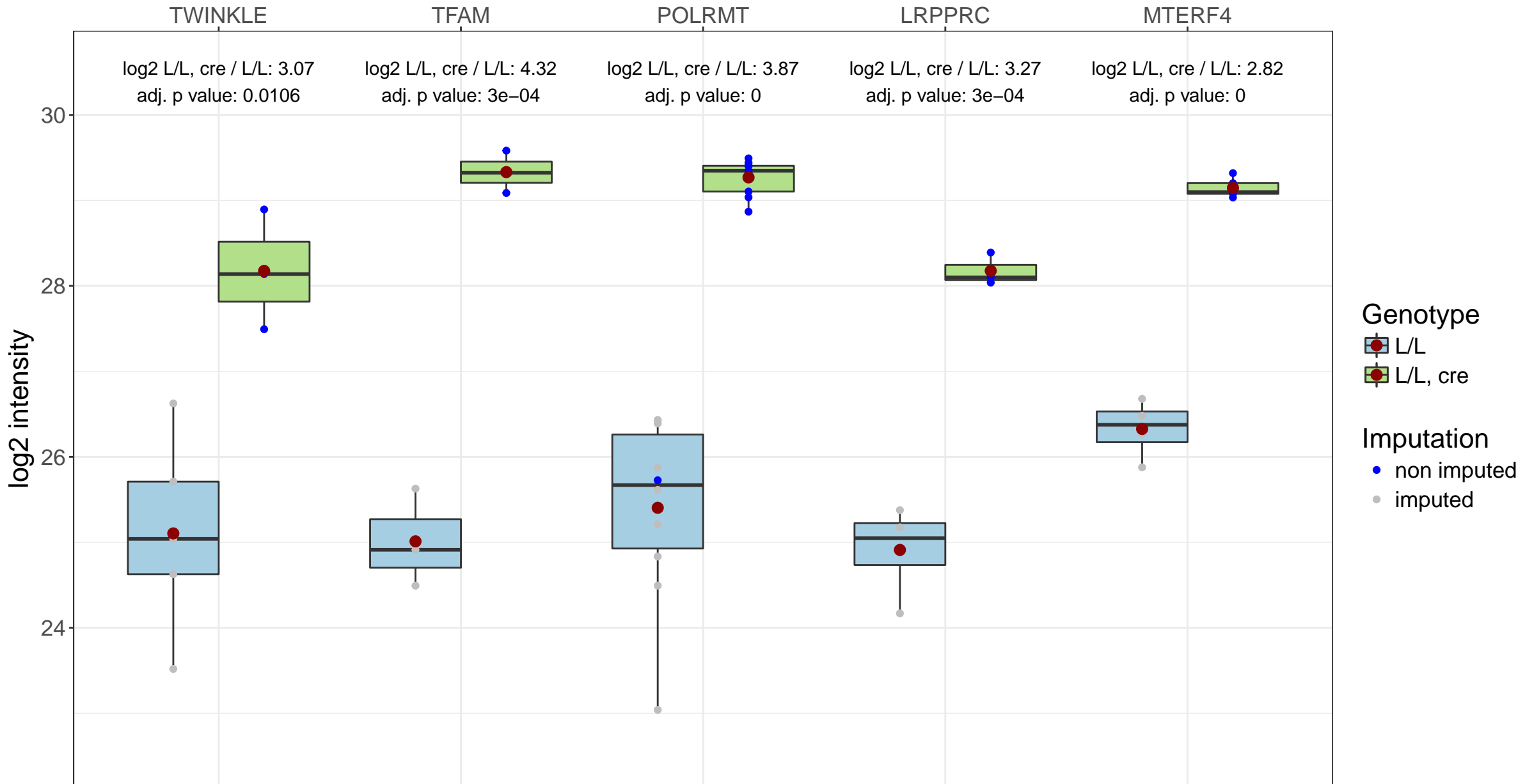
# DNAJA3 / Q99M87



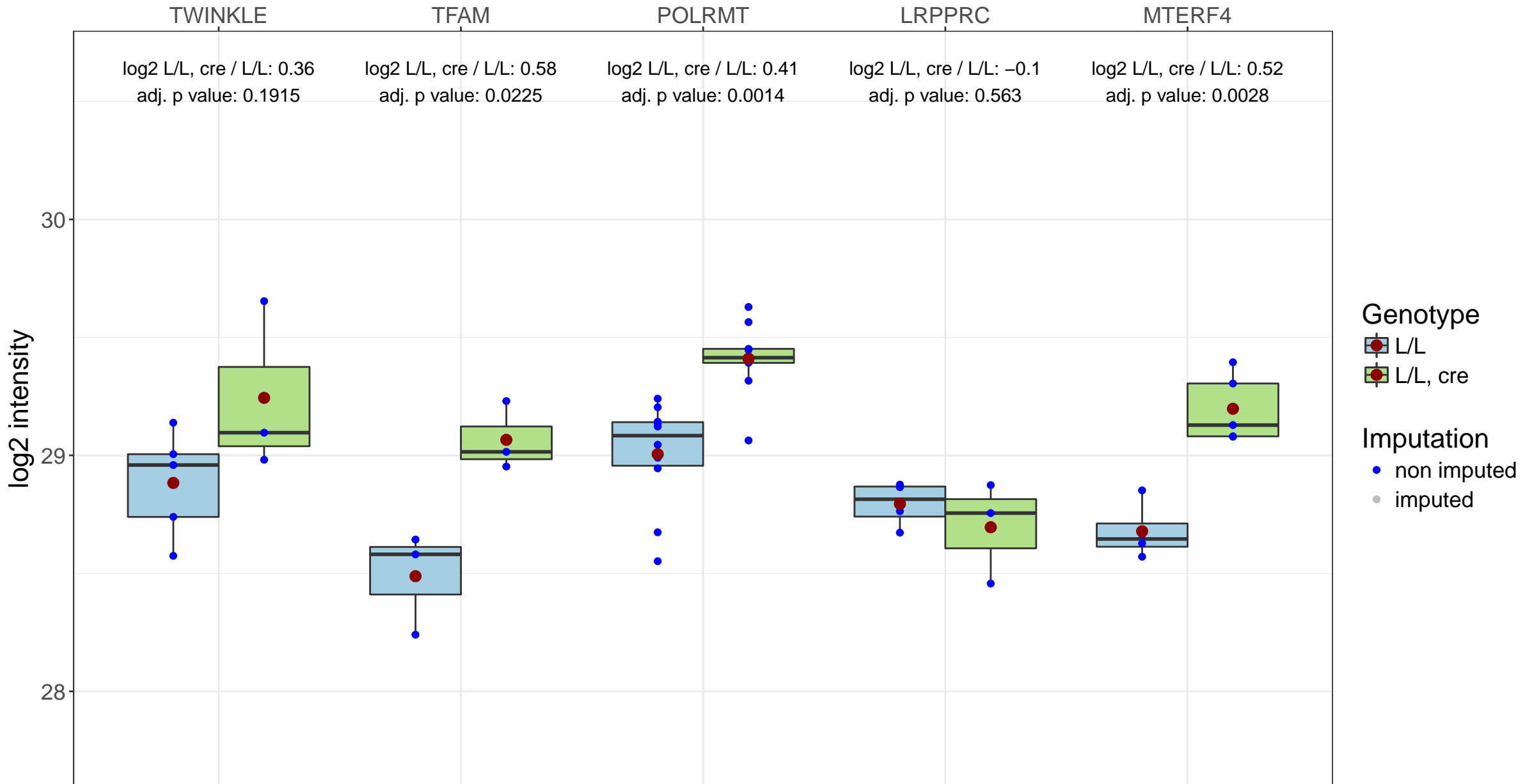
# DNAJC11 / Q5U458



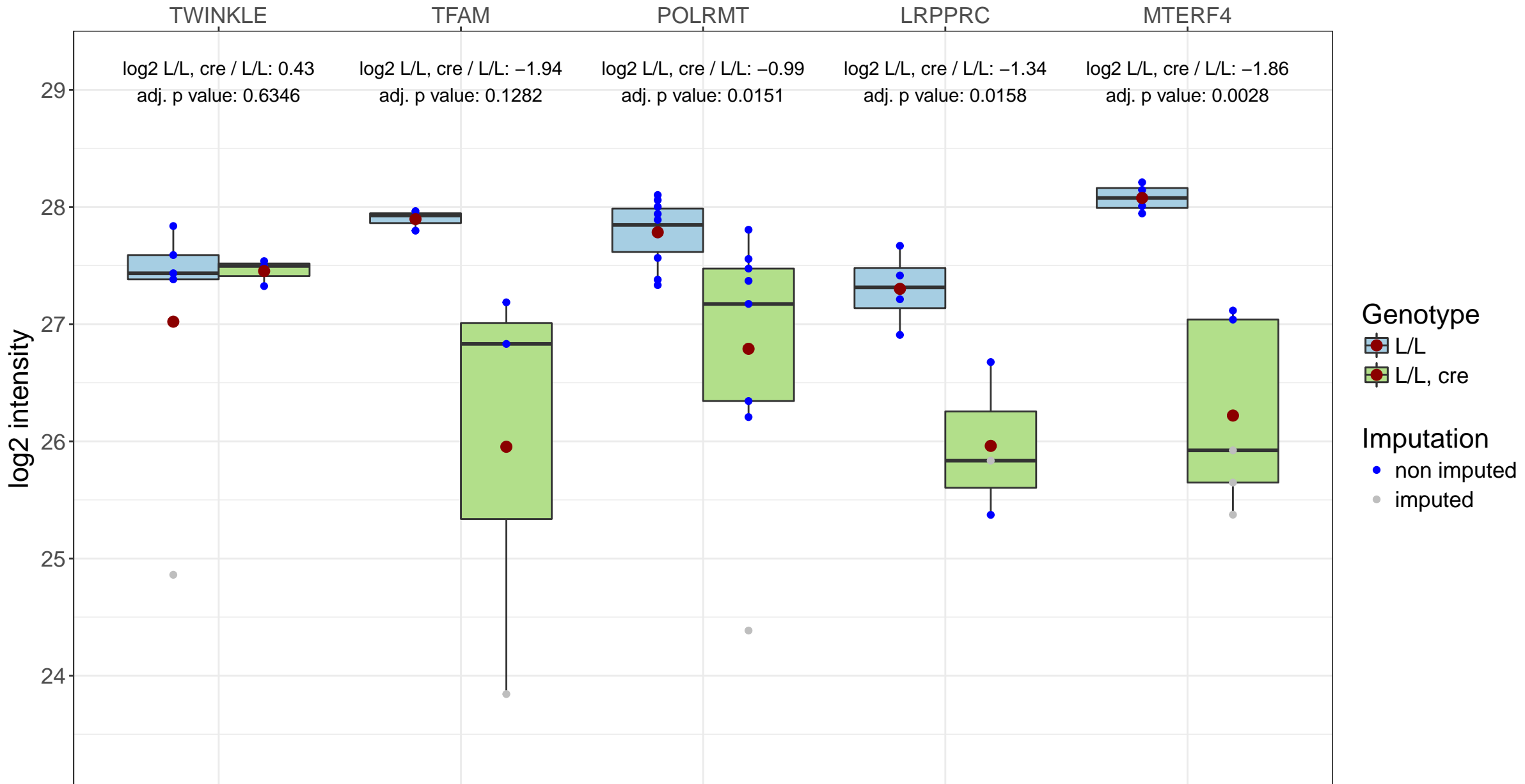
# DNAJC15 / Q78YY6



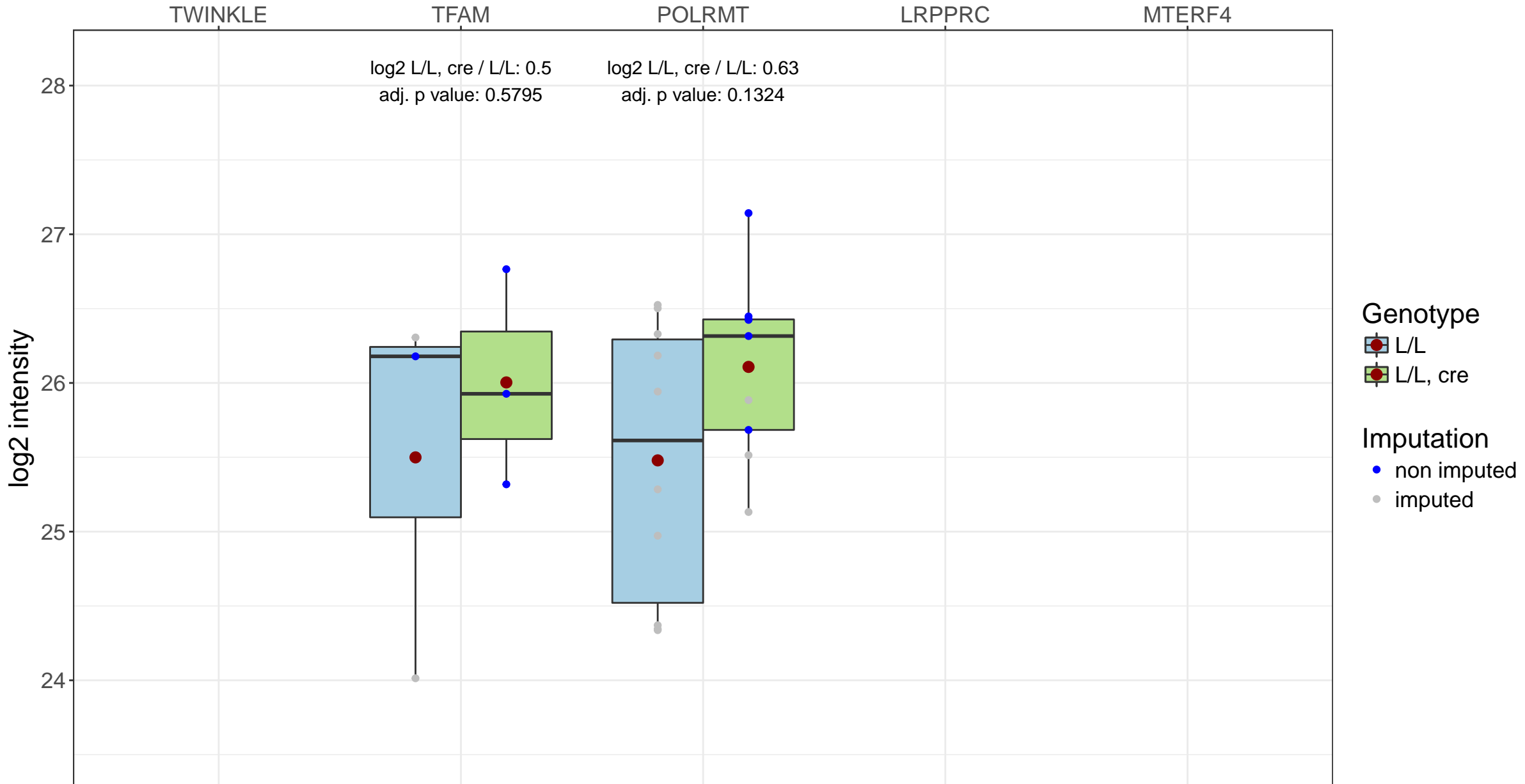
# DNAJC19 / Q9CQV7



# DNAJC28 / E9Q1L7



# DNAJC30 / P59041

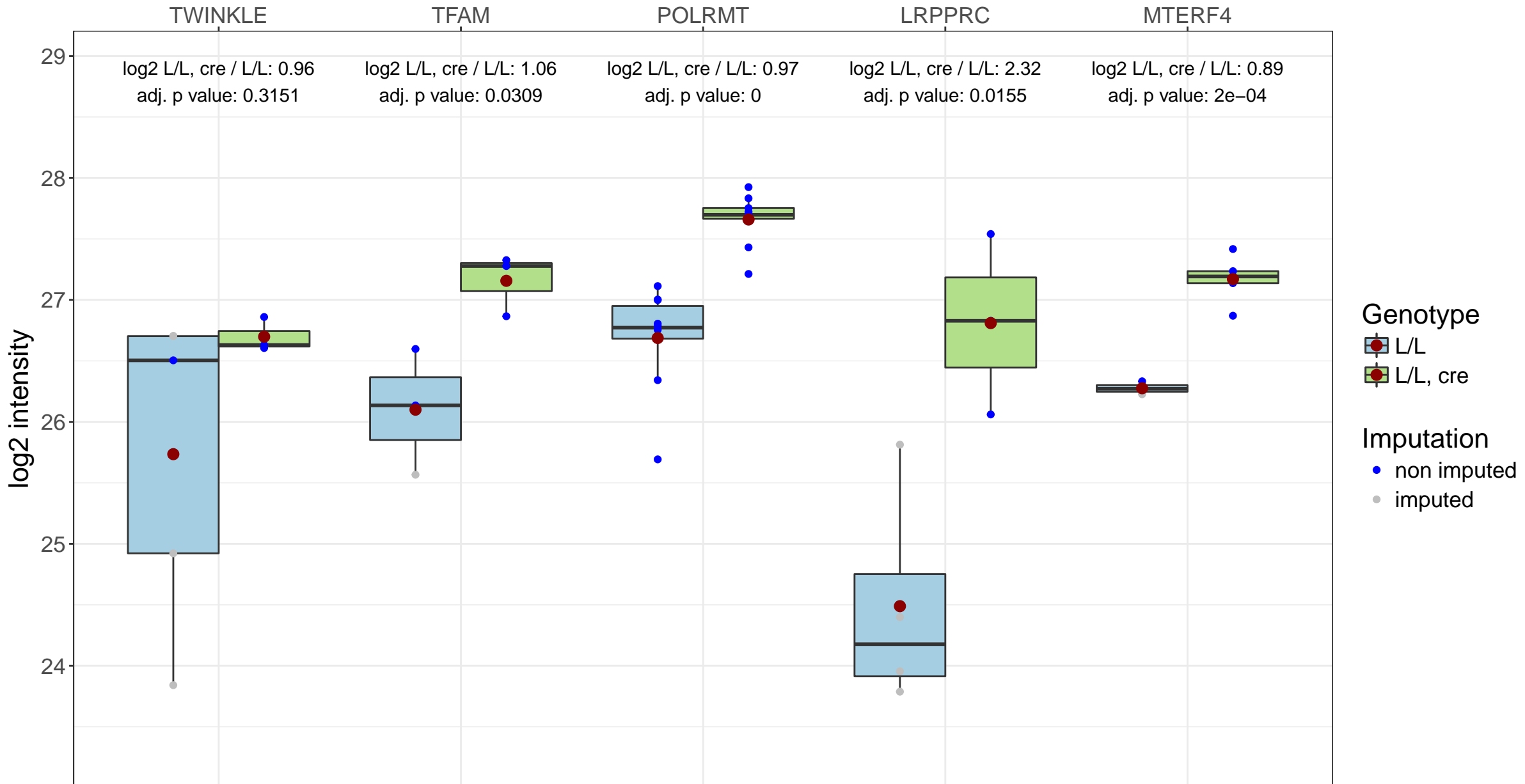


# DNLZ / Q9D113

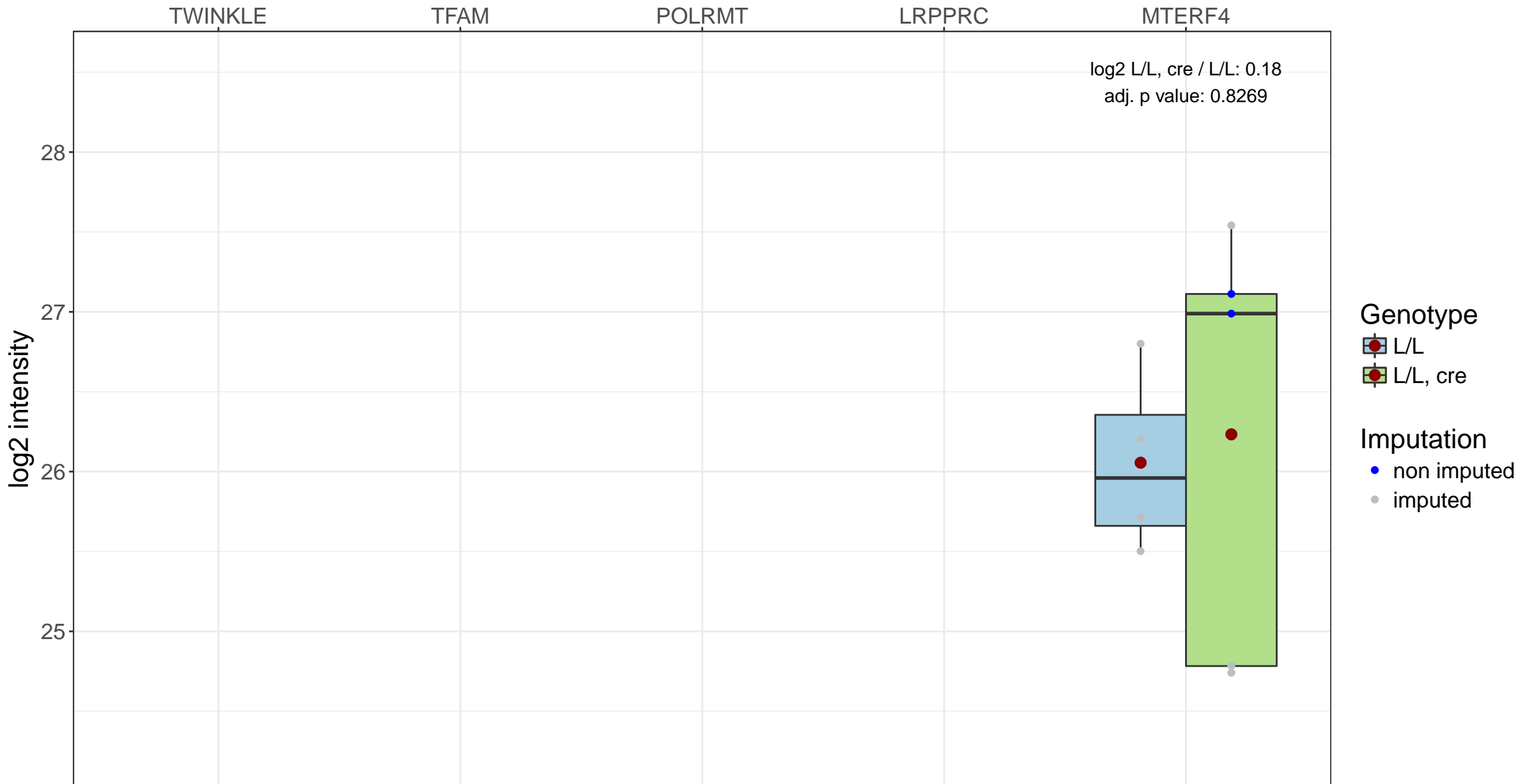




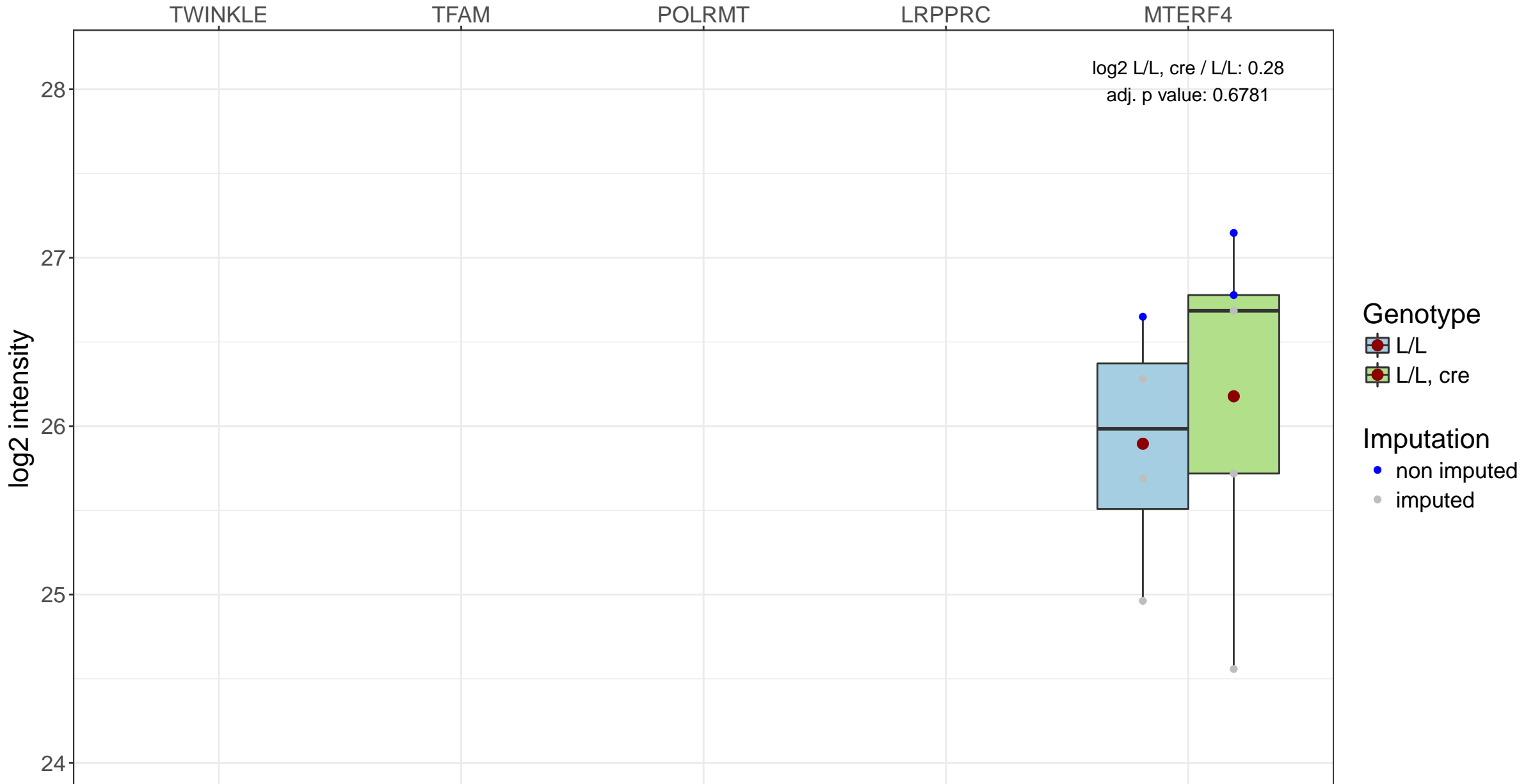
# DNPEP / Q9Z2W0



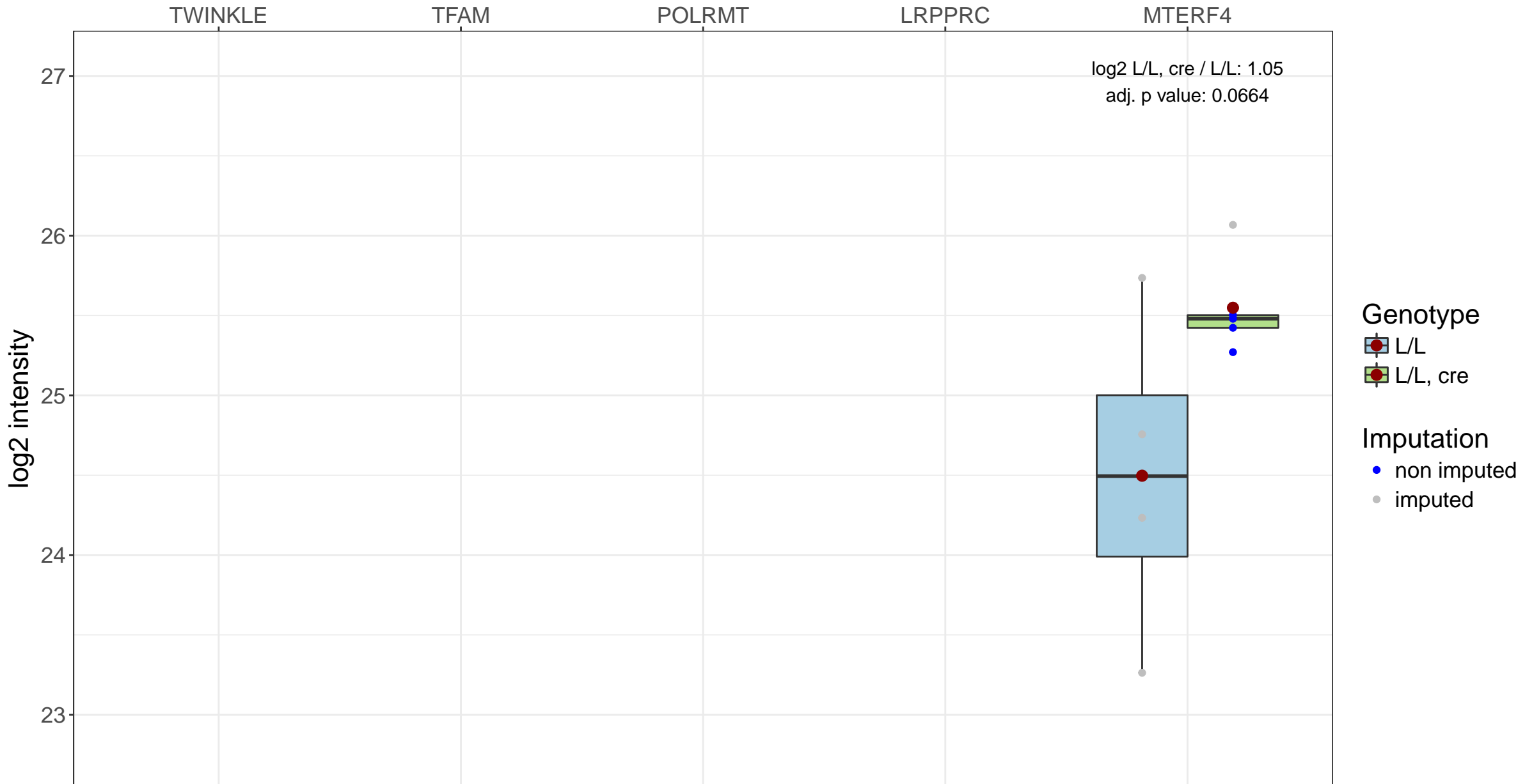
# DPEP1 / P31428



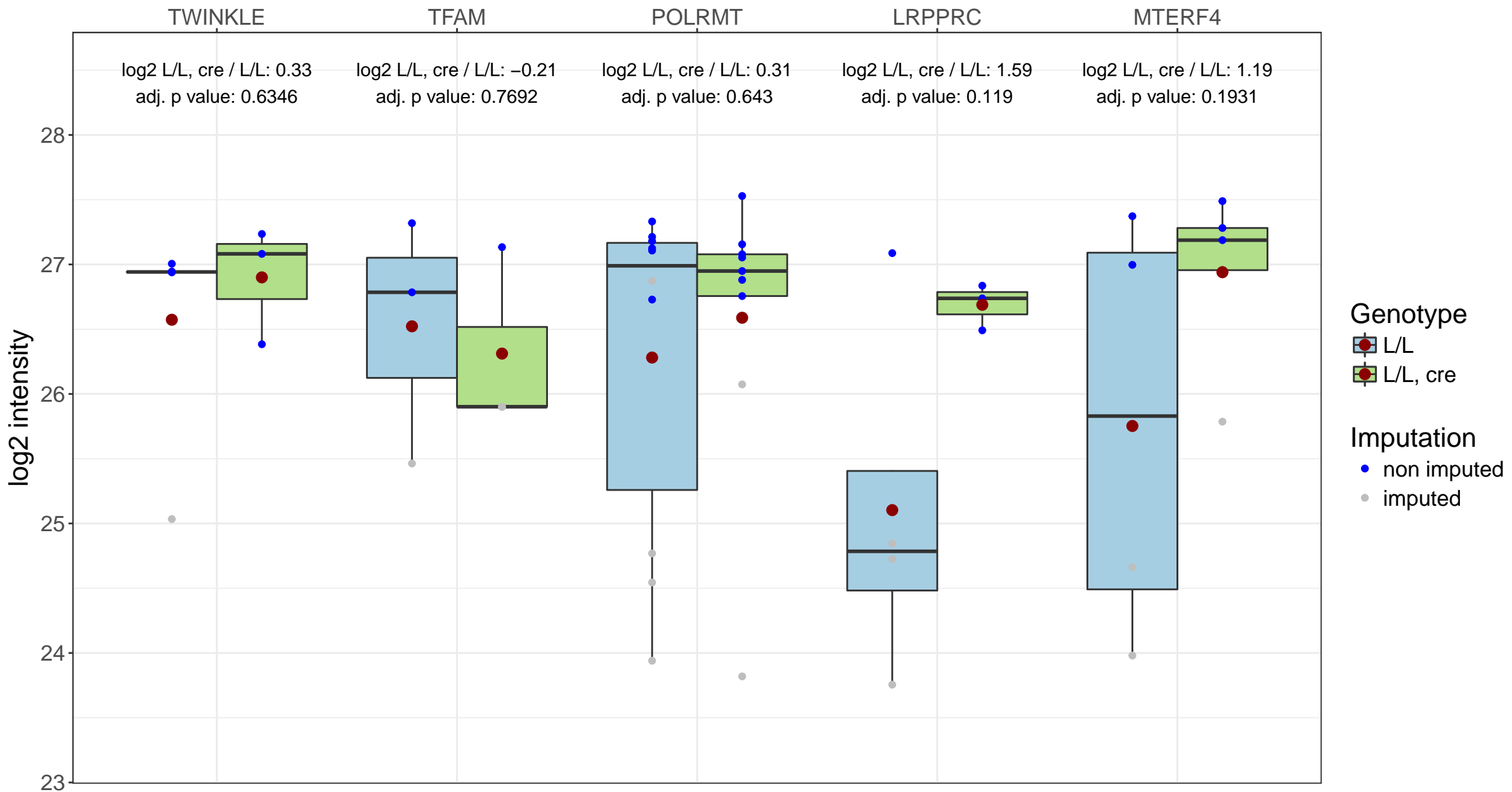
# DPYSL2 / O08553



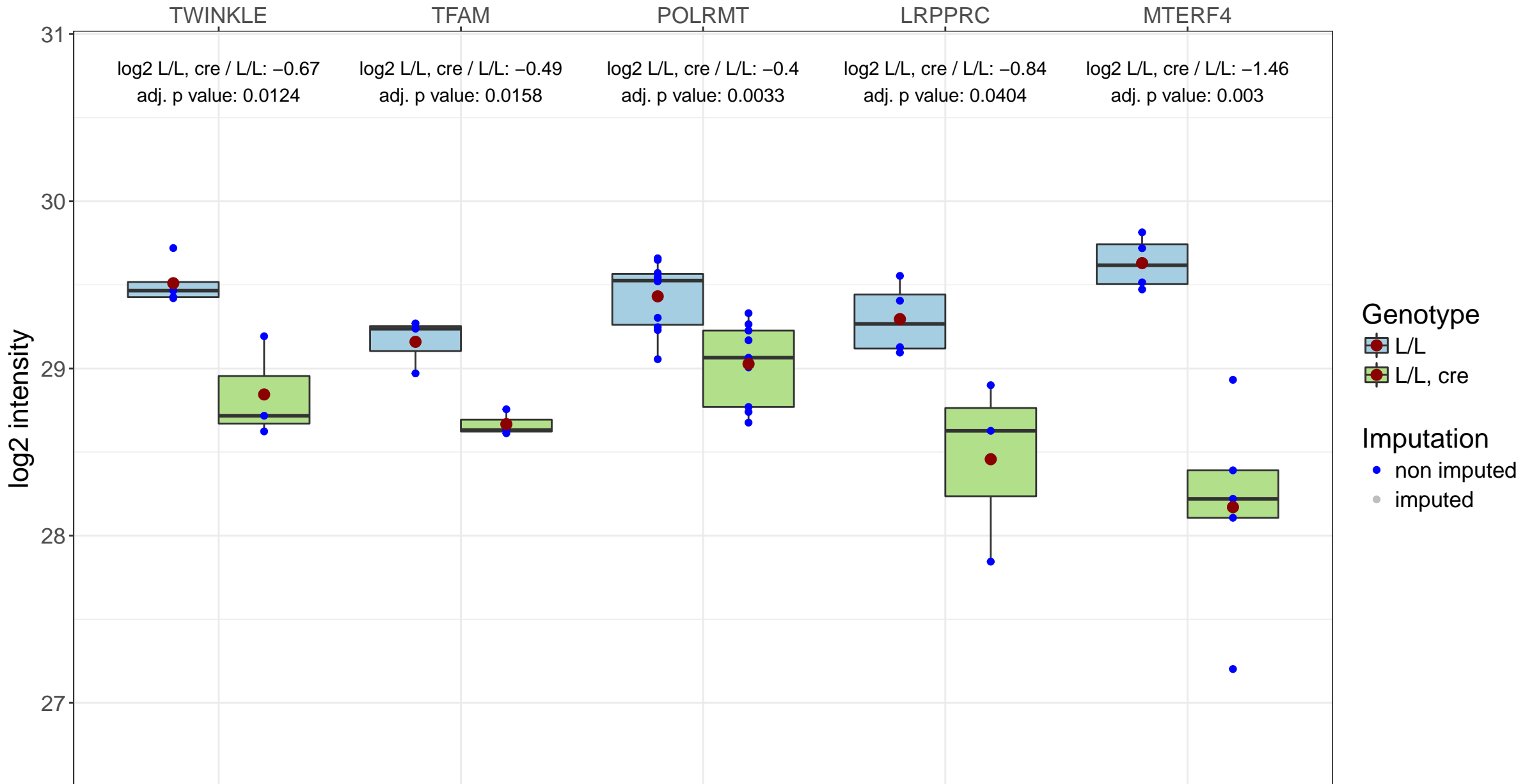
# DTD1 / Q9DD18



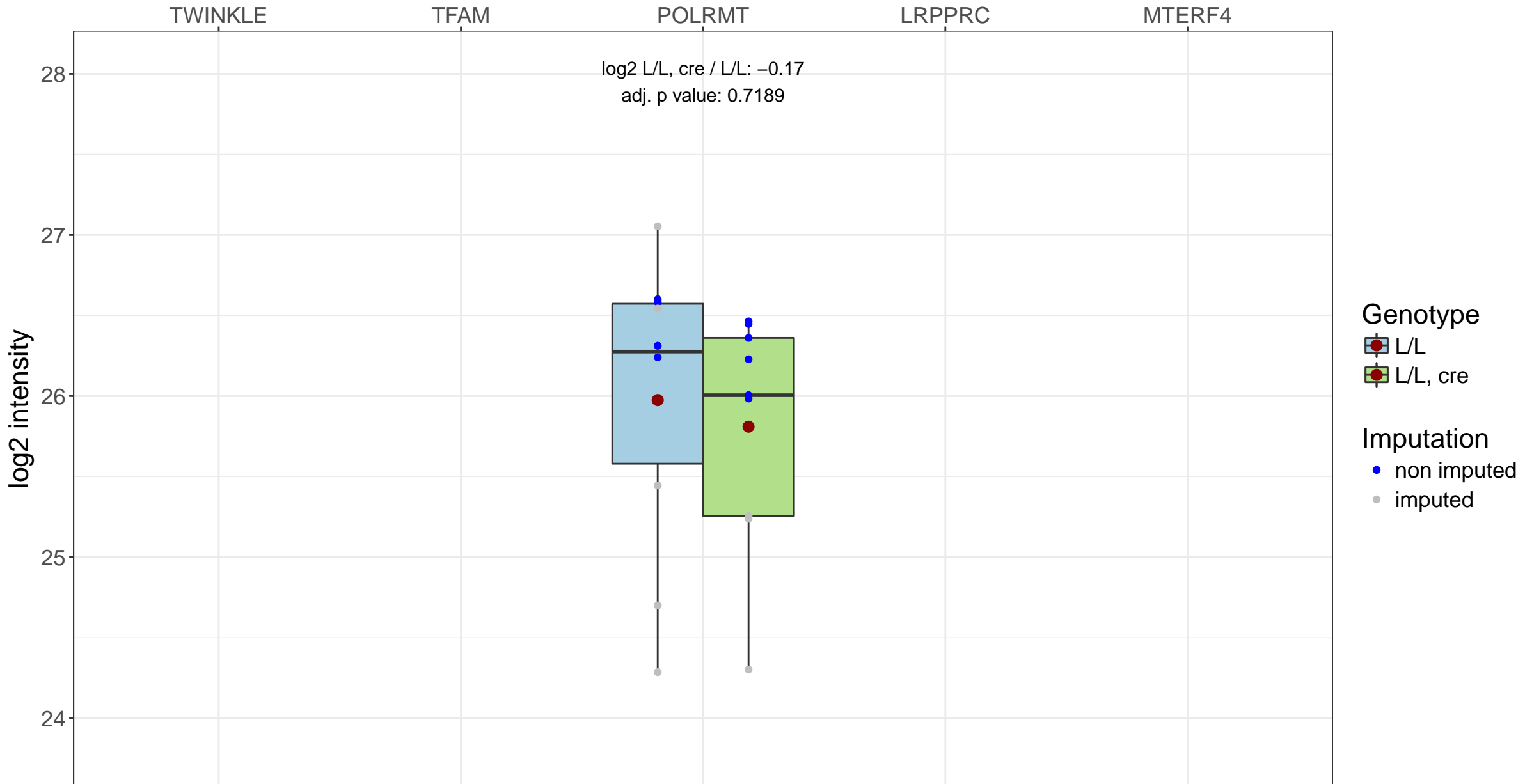
# DTYMK / P97930



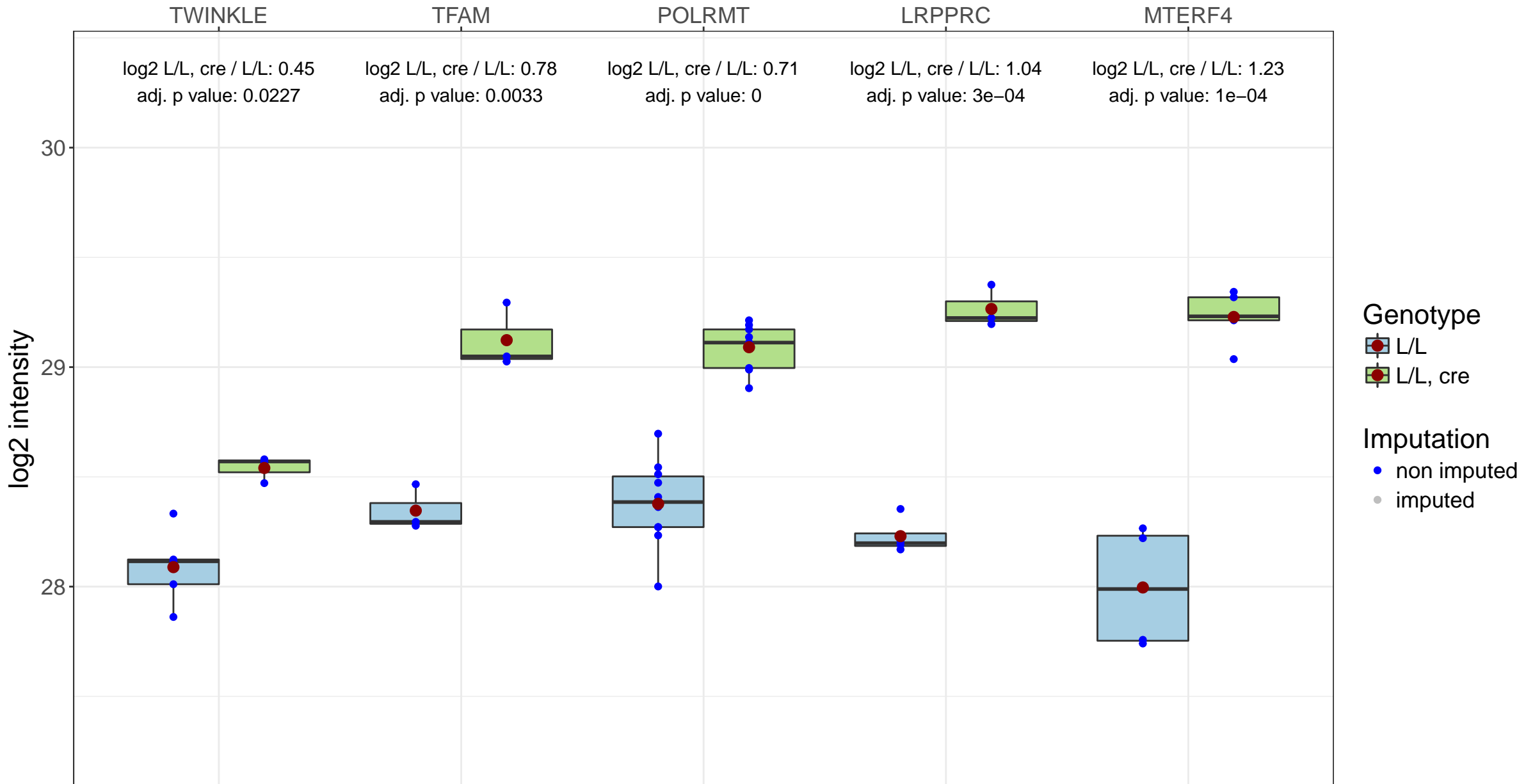
# DUT / Q8VCG1



# DYNC1H1 / Q9JHU4

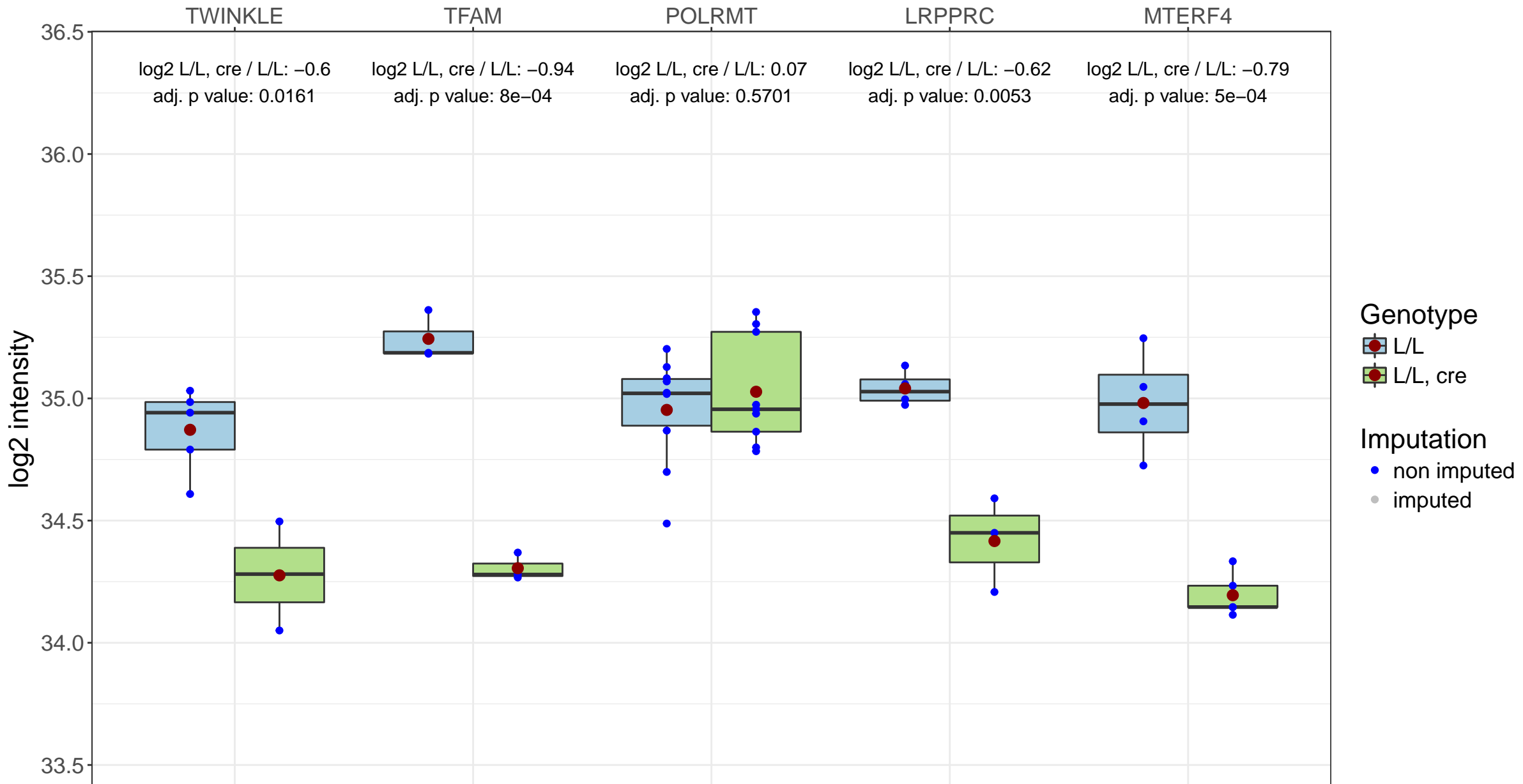


# EARS2 / Q9CXJ1

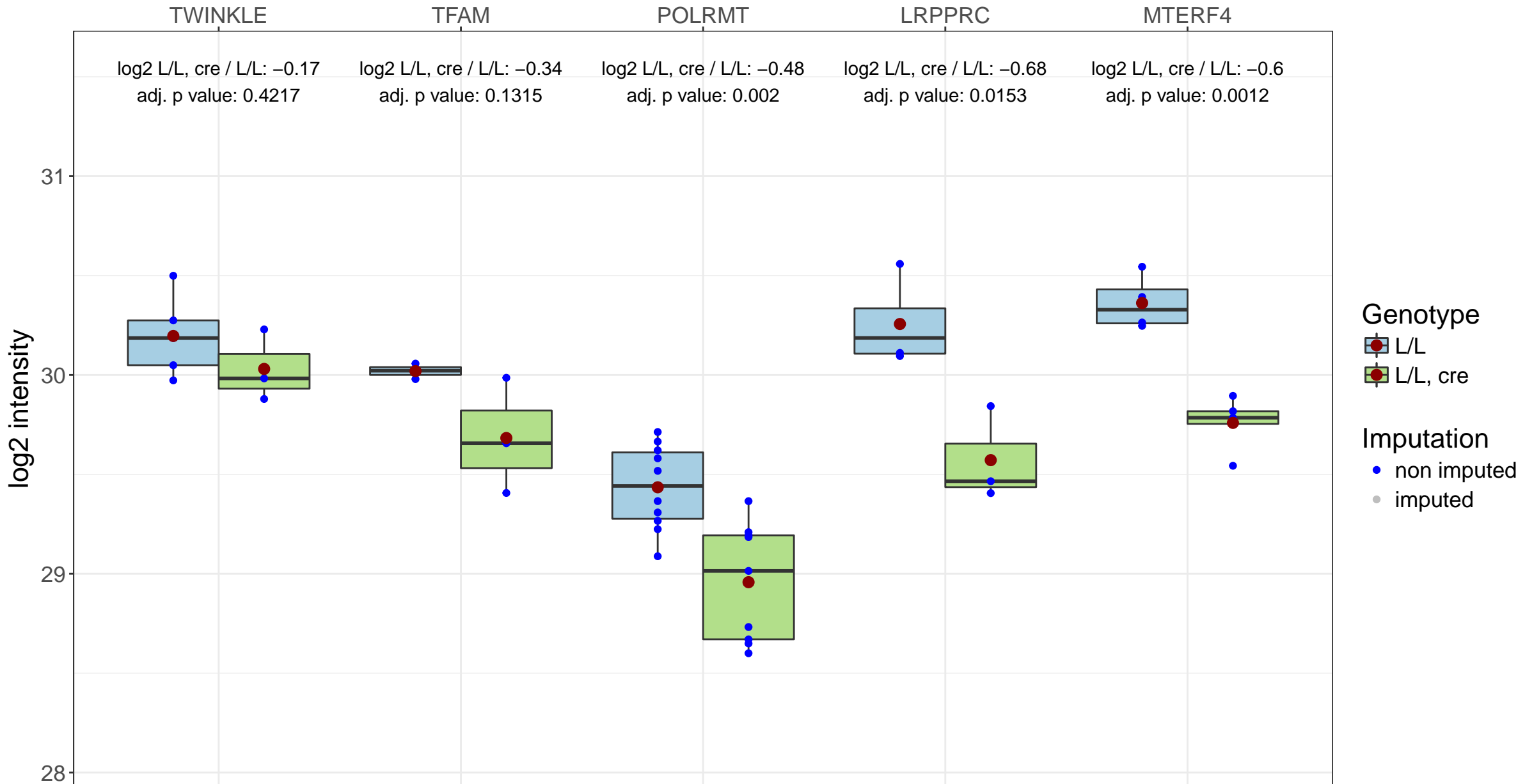




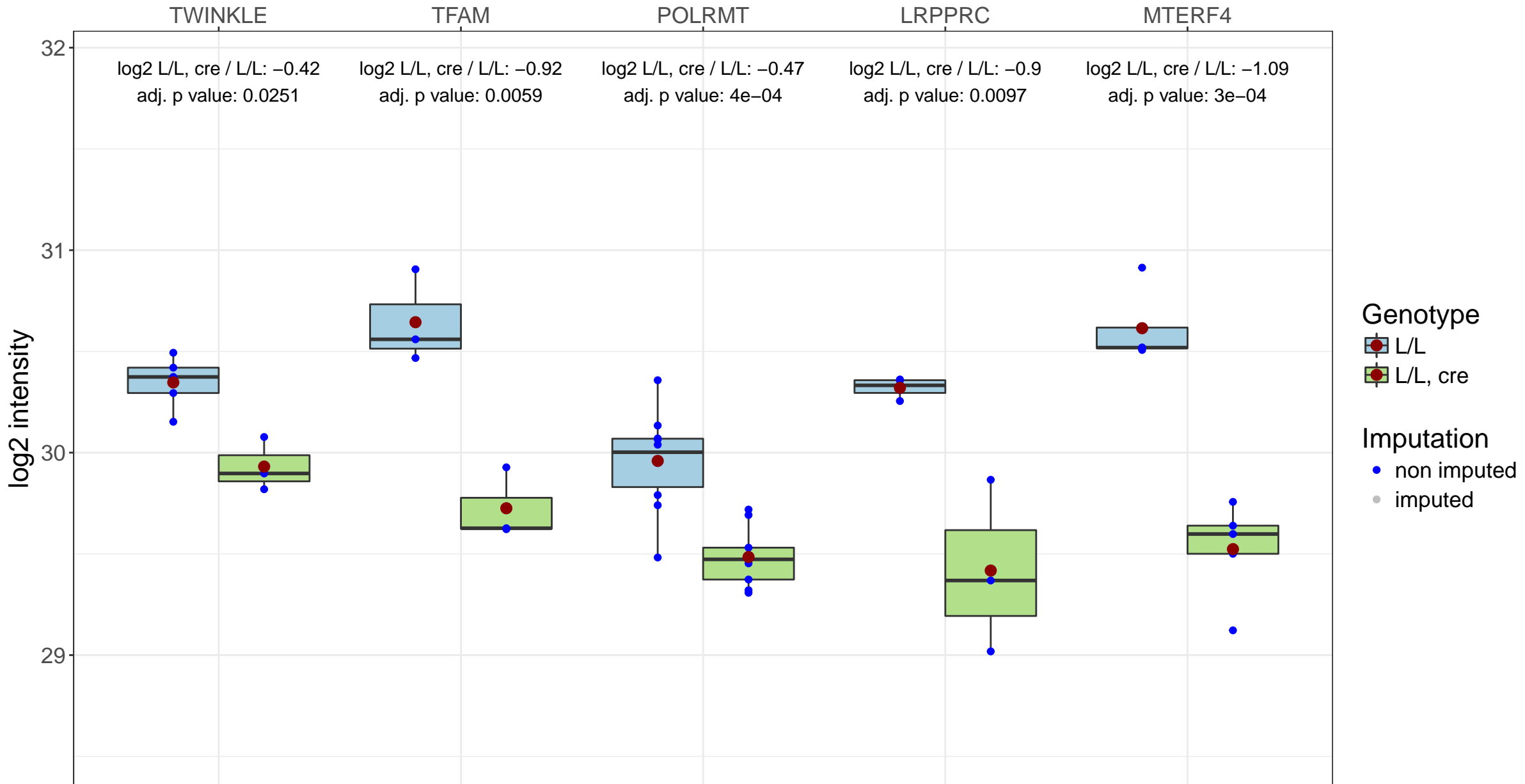
# ECH1 / O35459



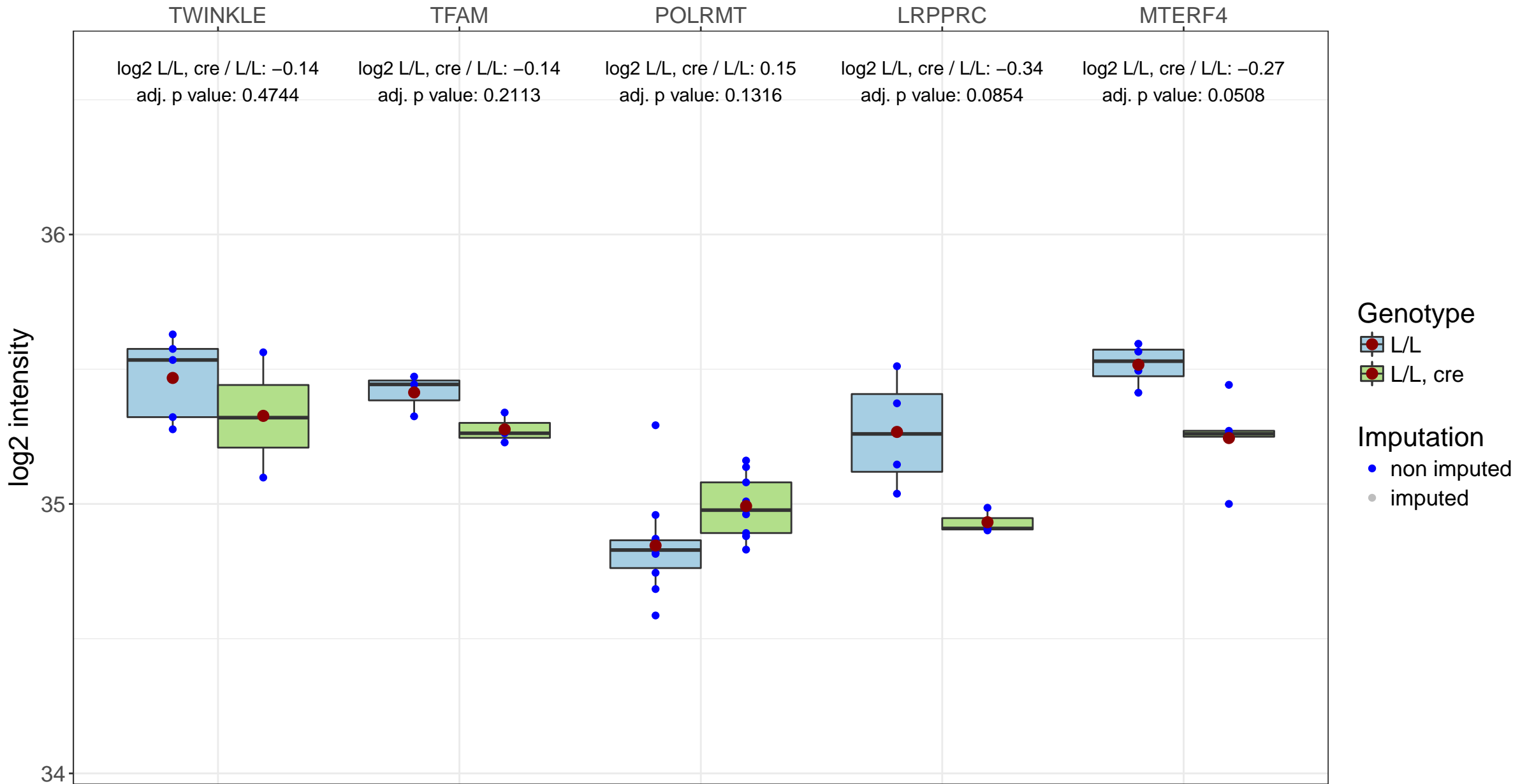
# ECHDC2 / Q3TLP5



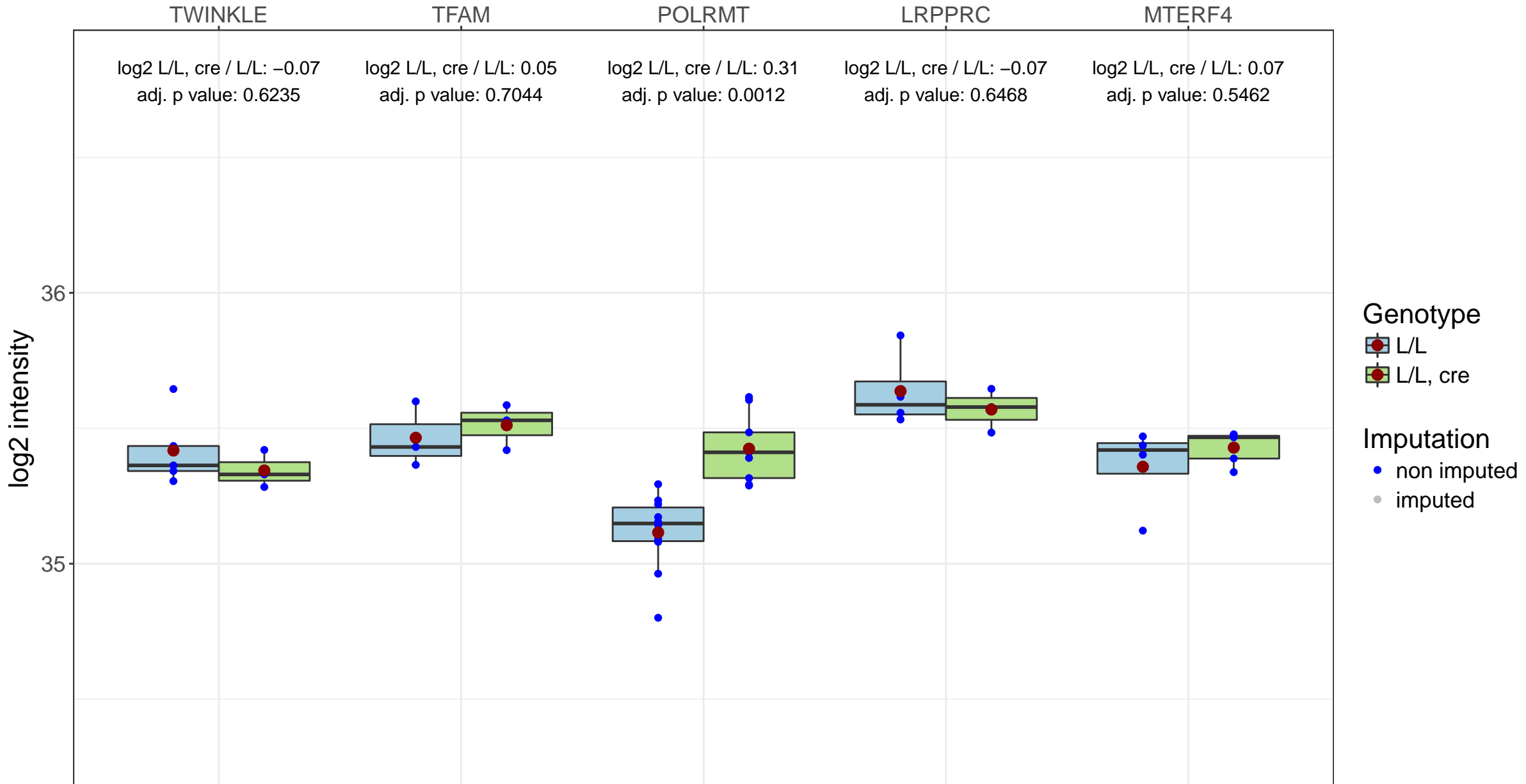
# ECHDC3 / Q9D7J9



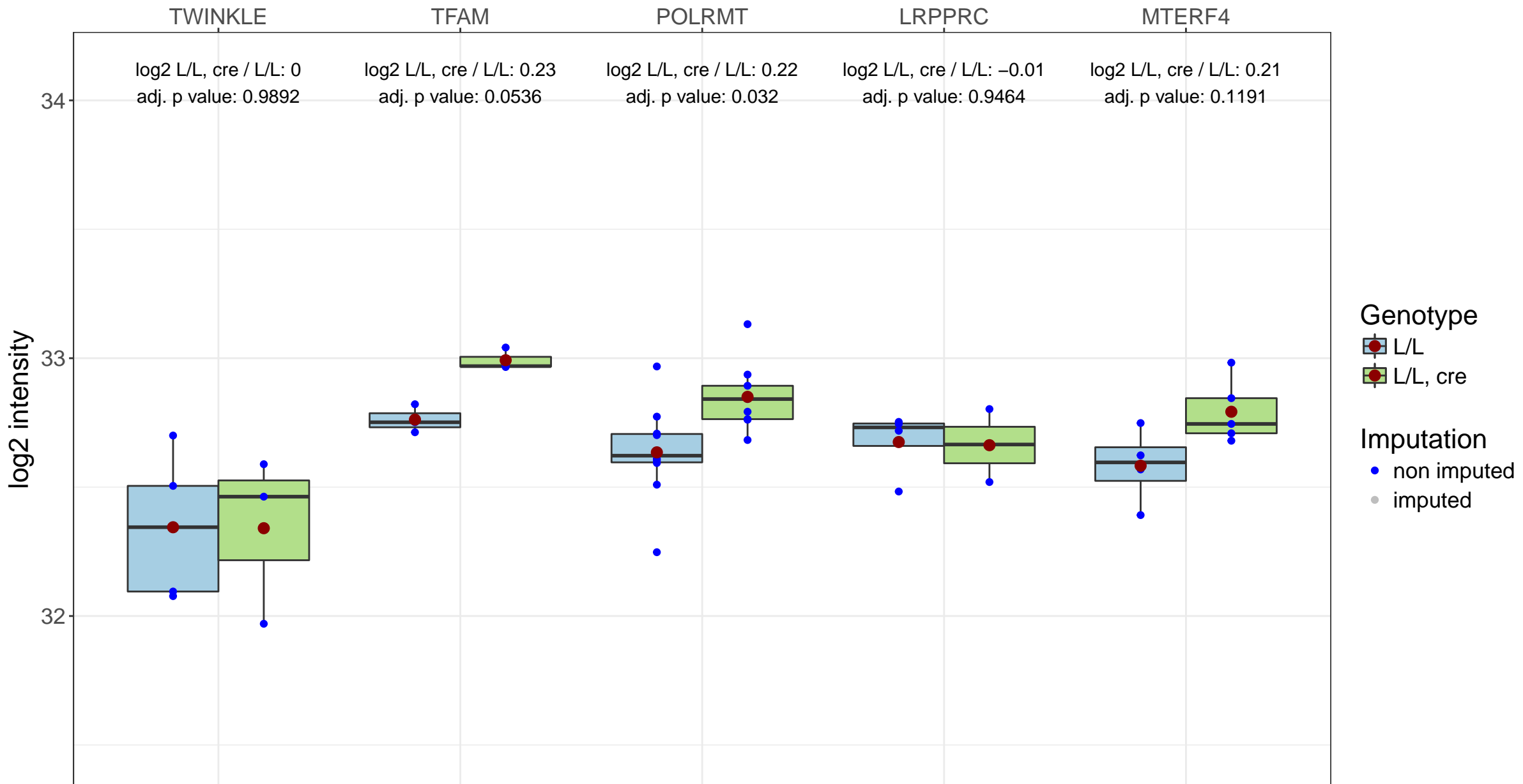
# ECHS1 / Q8BH95



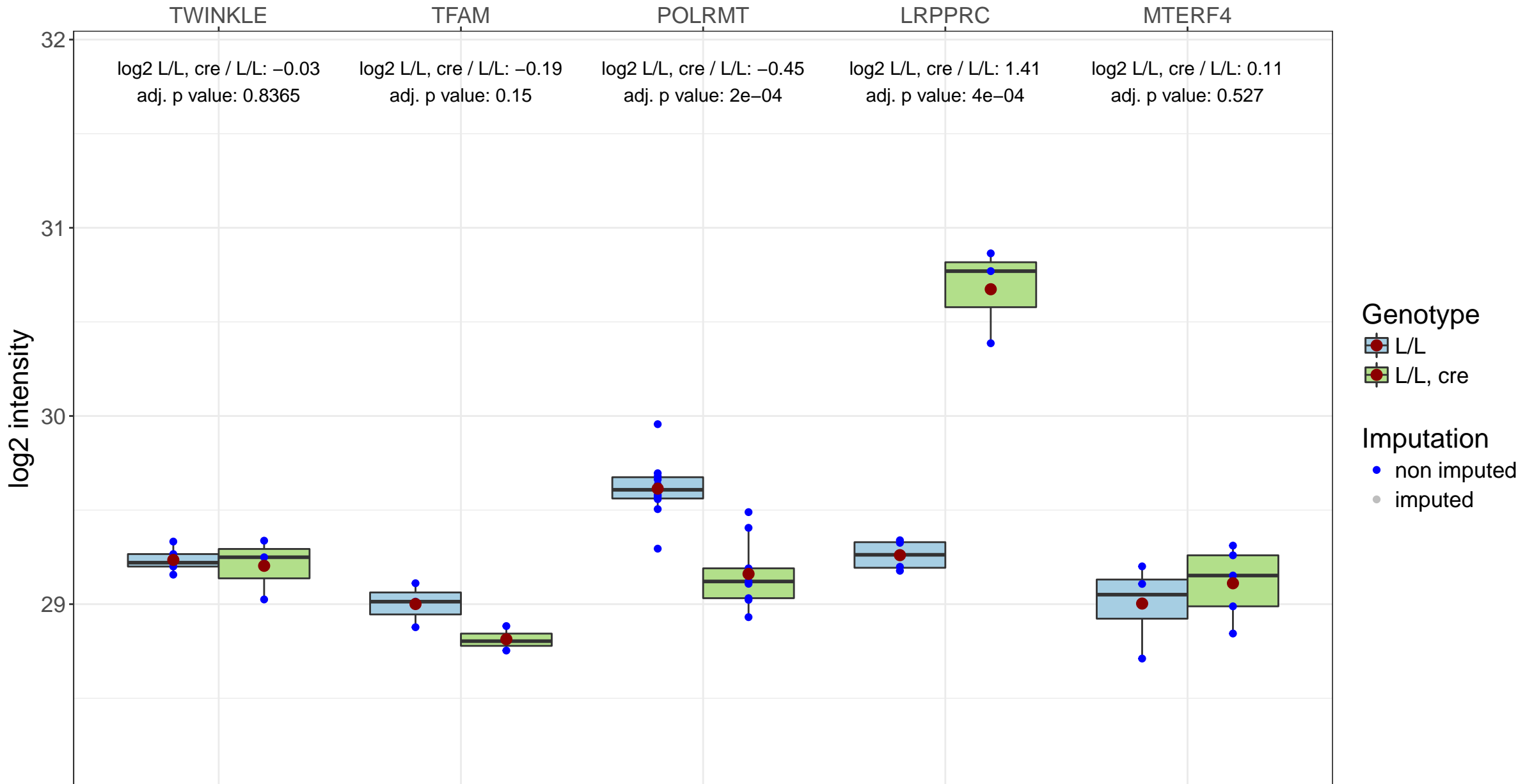
# ECI1 / P42125



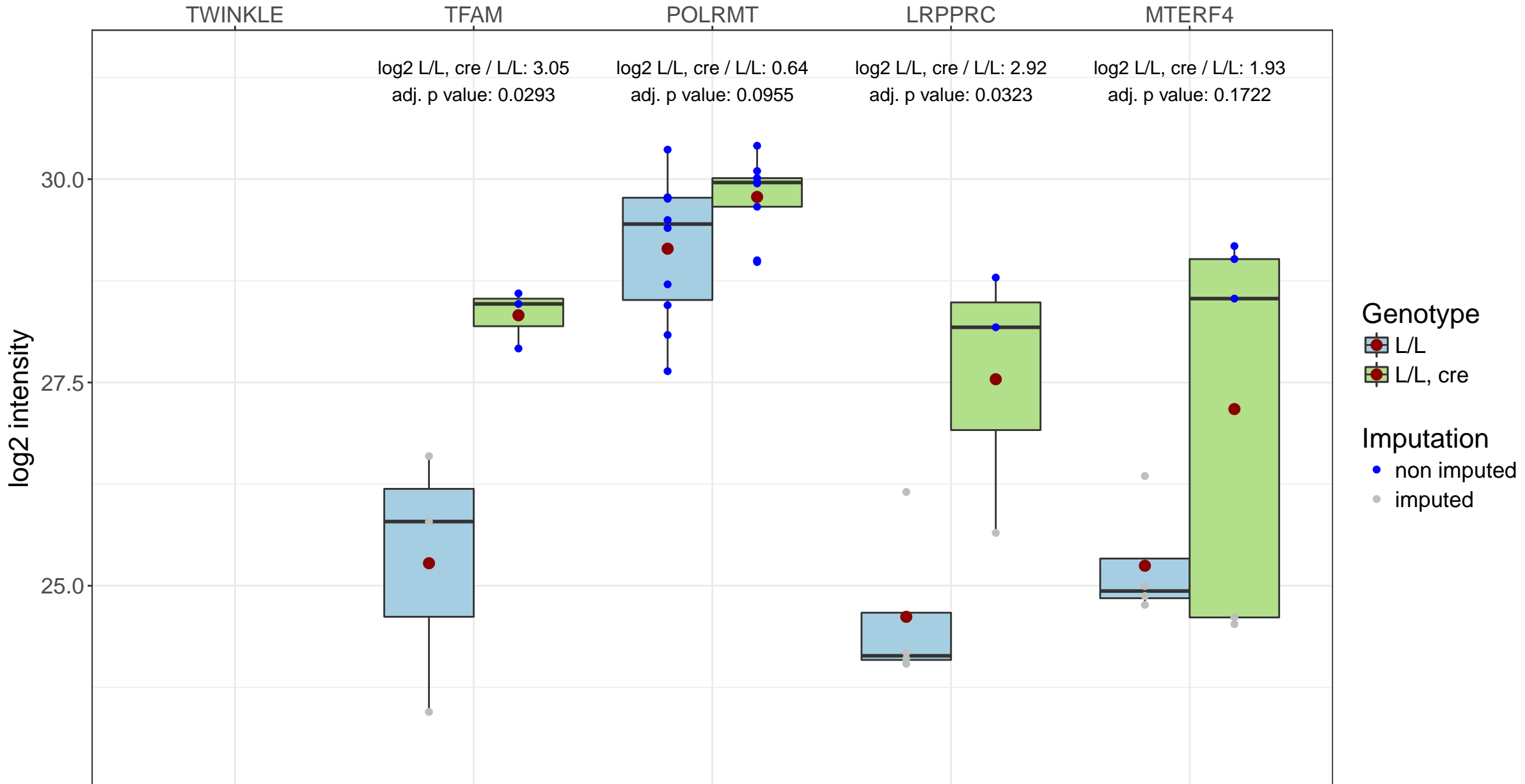
# ECI2 / Q9WUR2-2



# ECSIT / Q9QZH6

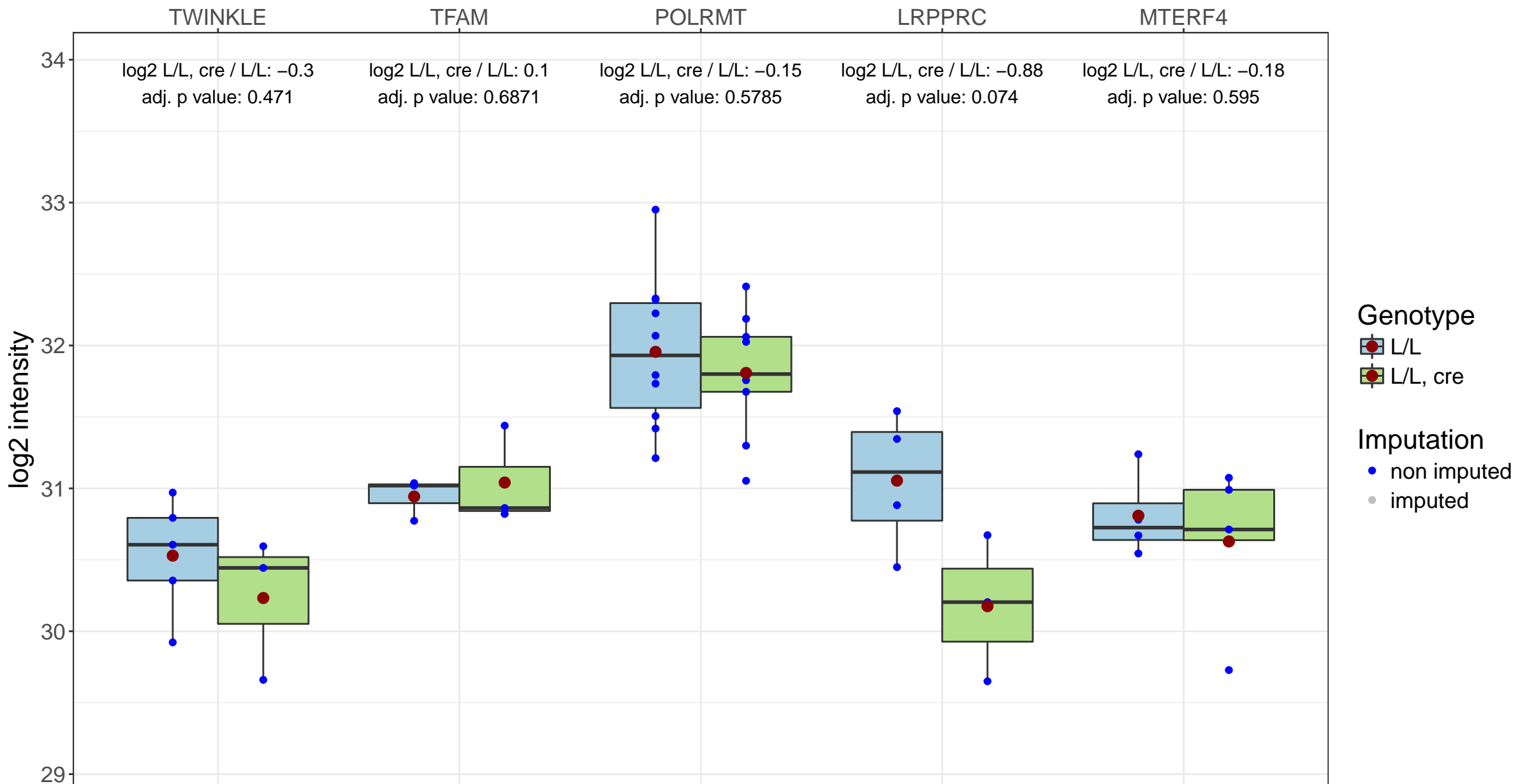


# EEF1A1 / P10126

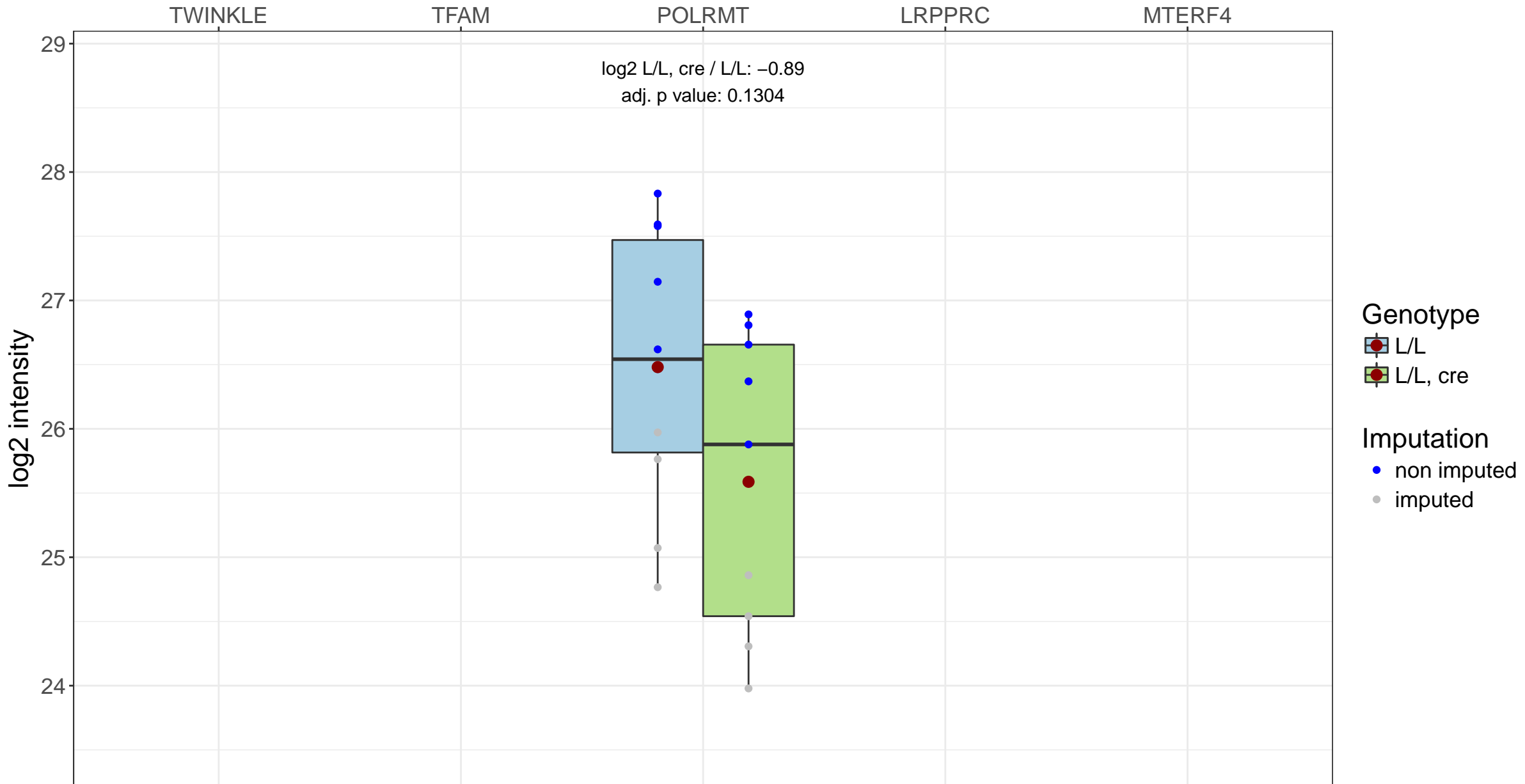




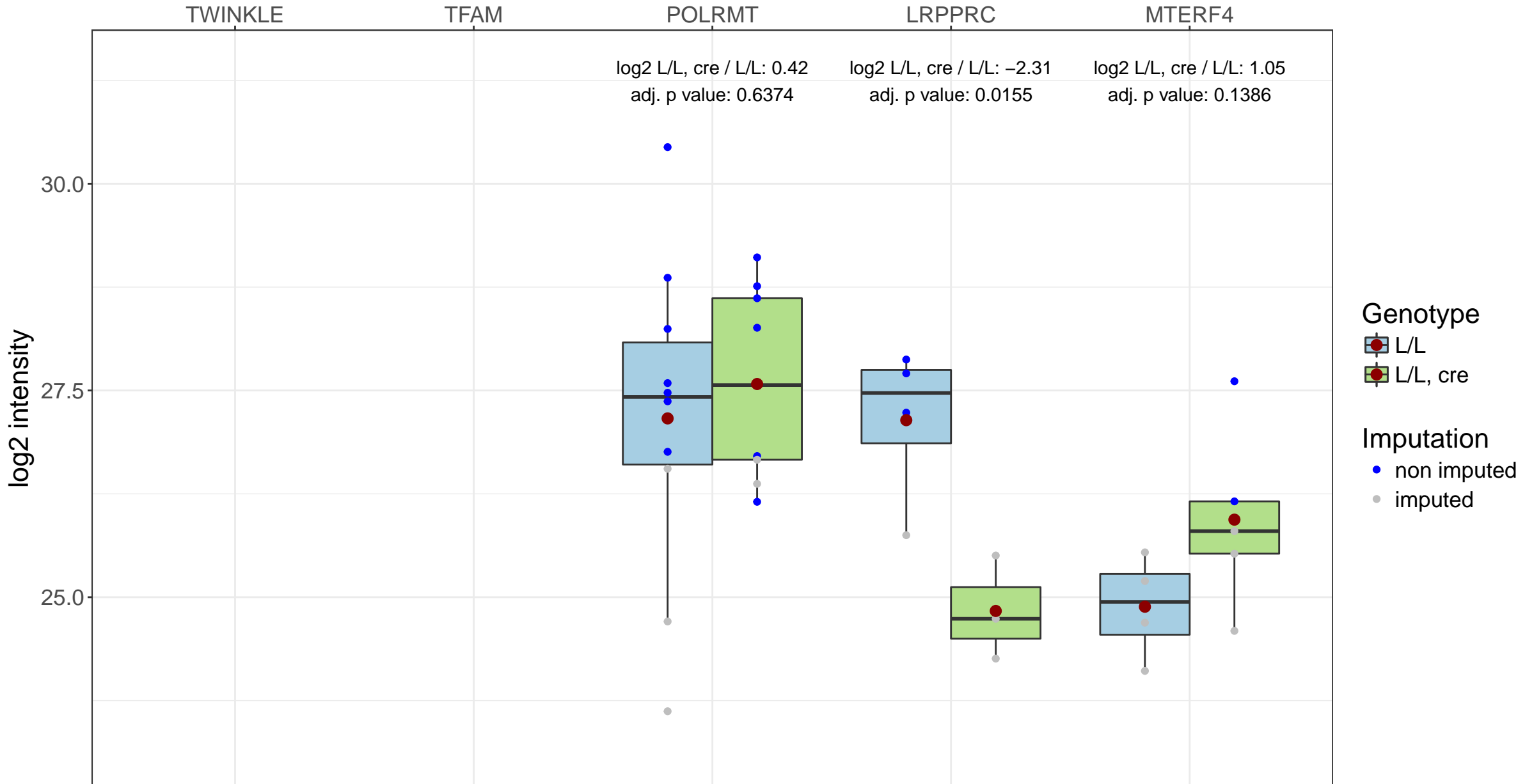
# EEF1A2 / P62631



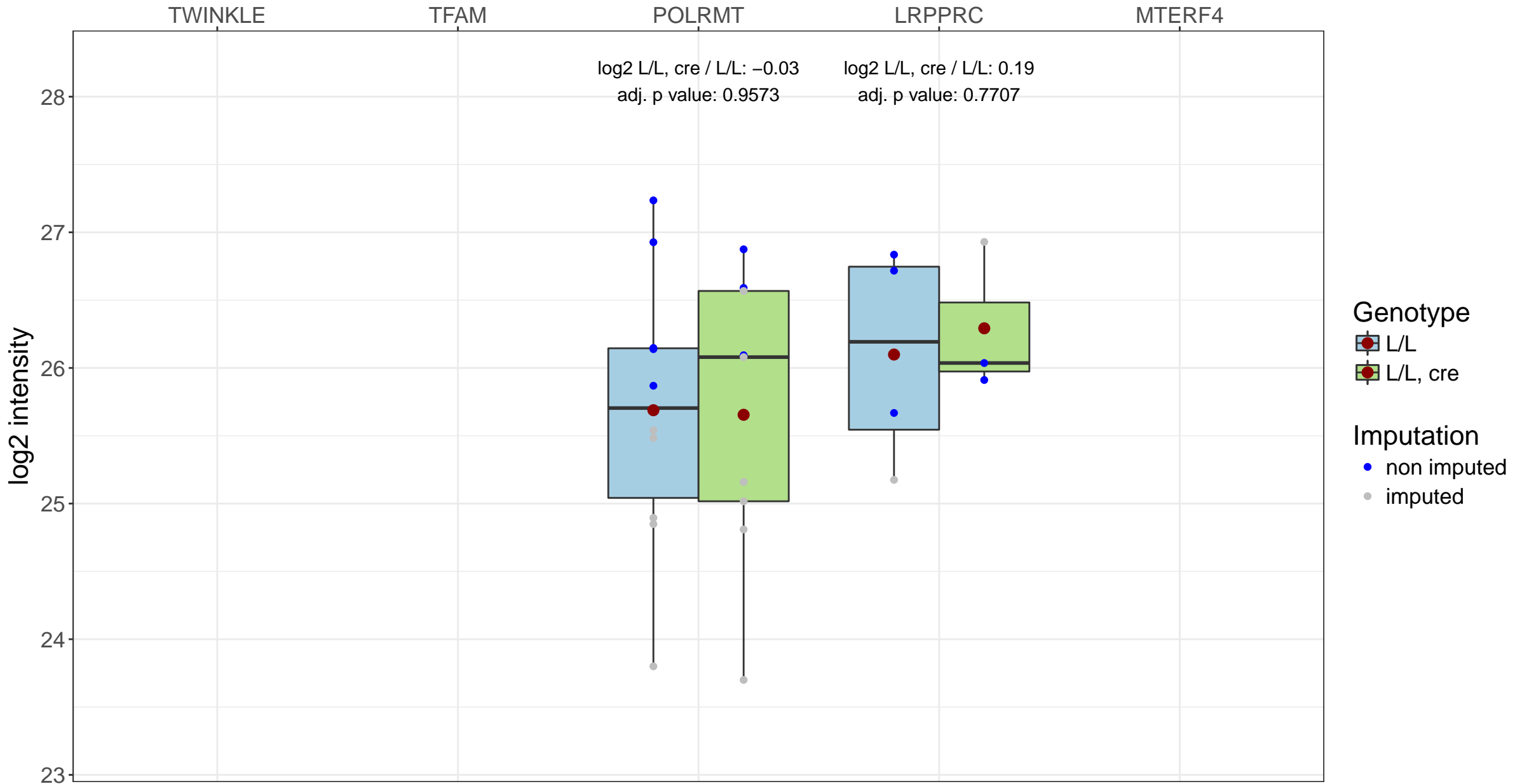
# EEF1G / Q9D8N0



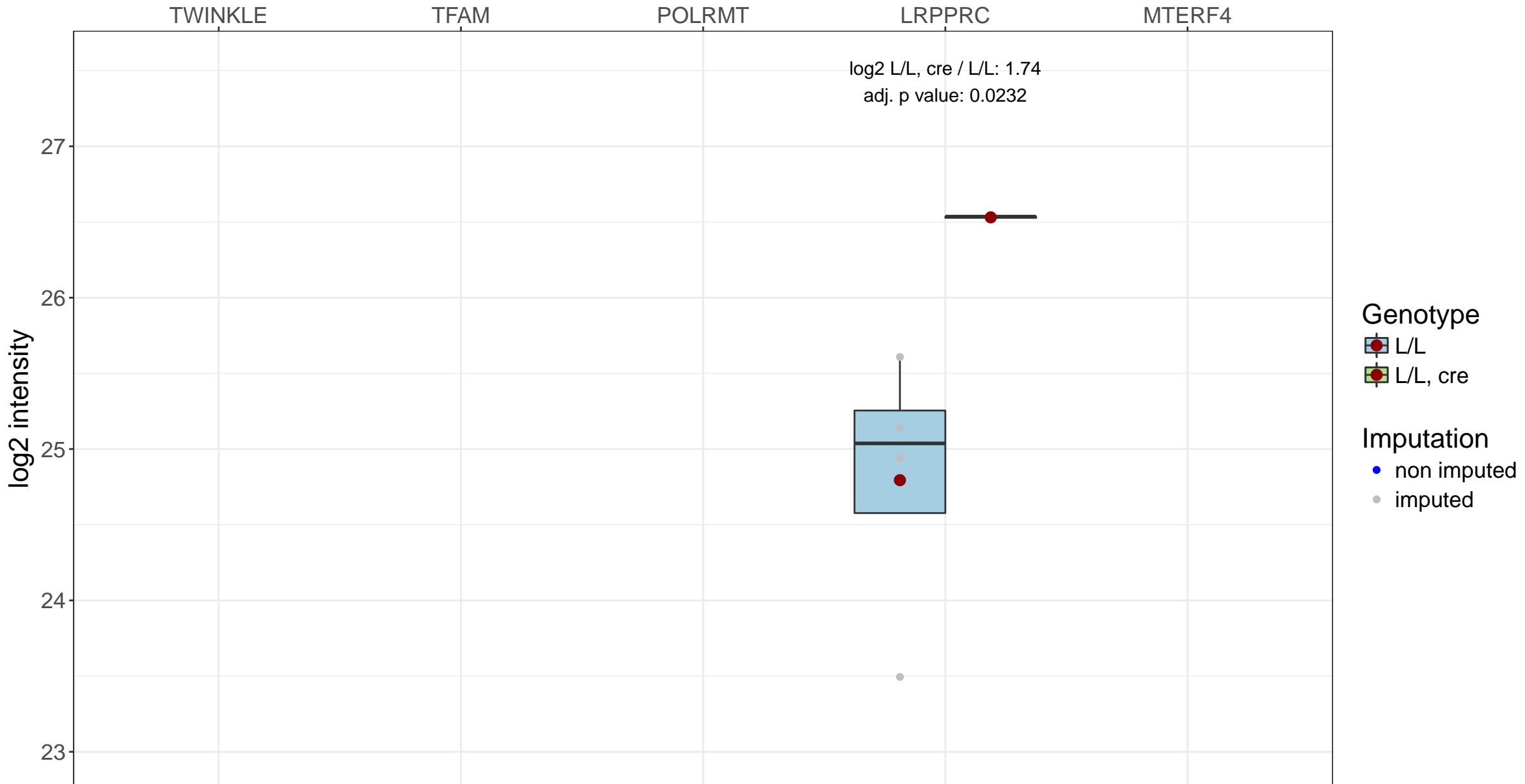
# EEF2 / P58252



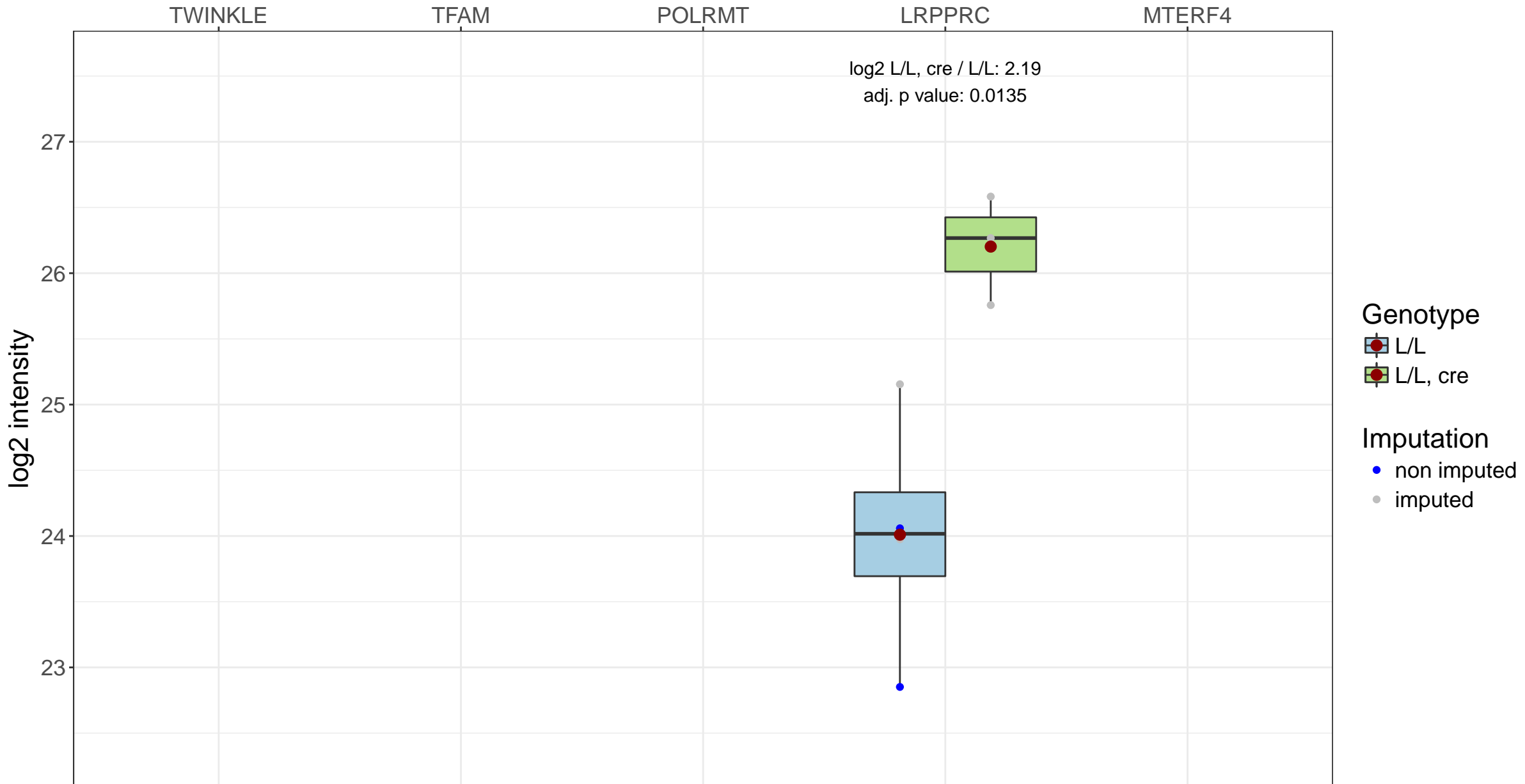
# EHD1 / Q9WVK4



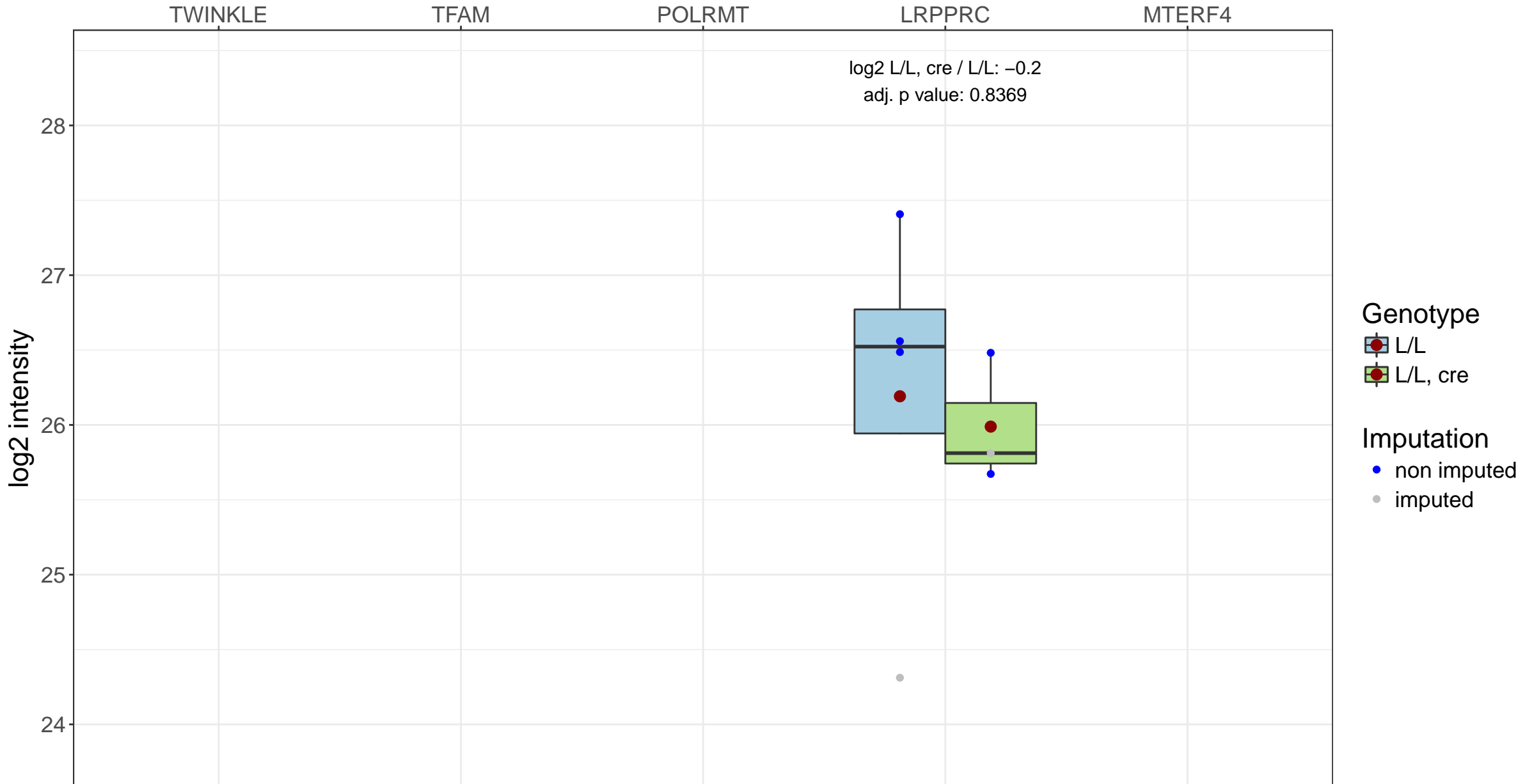
# EHD4 / Q9EQP2



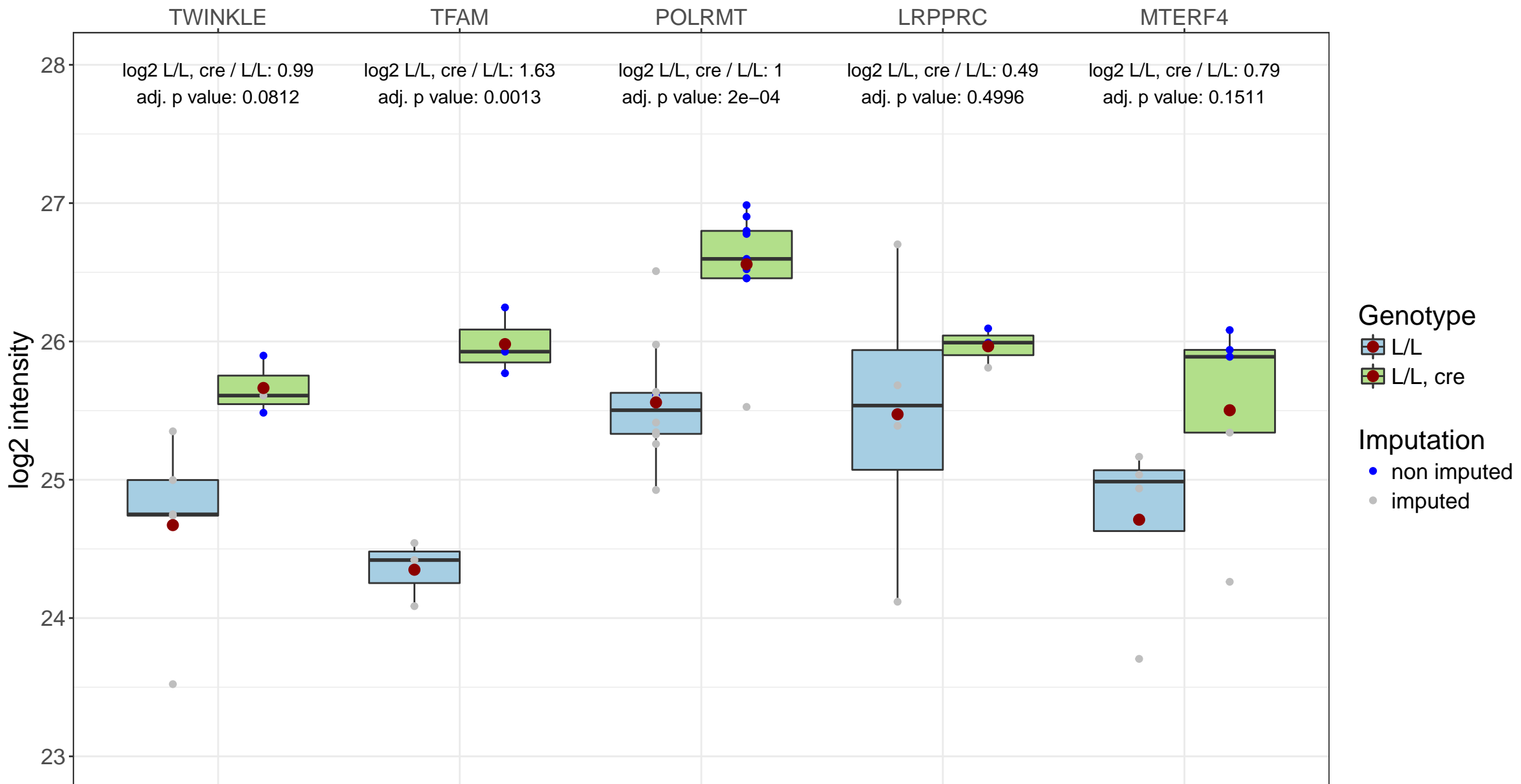
# EIF4B / Q8BGD9



# EIF5A / P63242

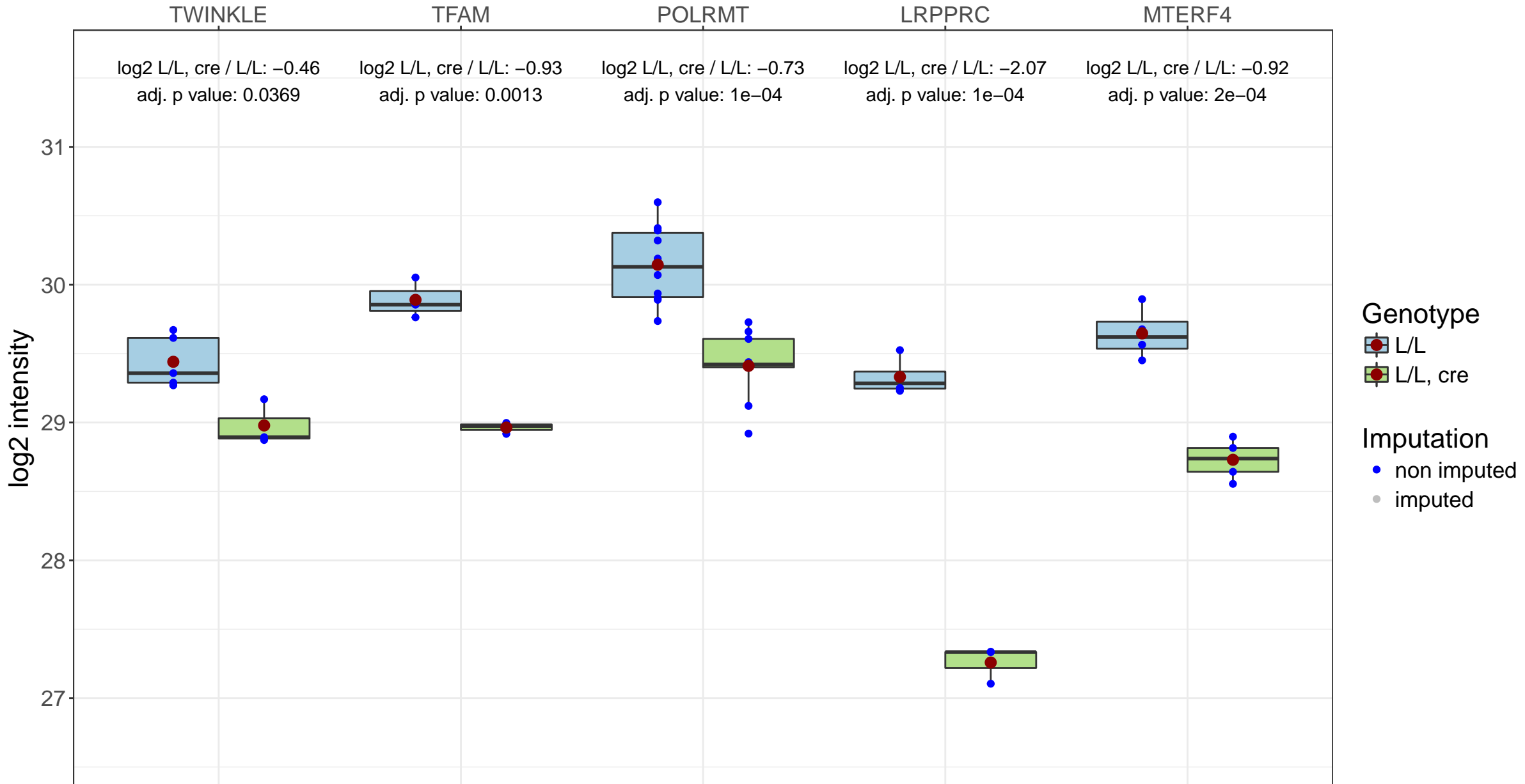


# ELAC2 / B1ATP7

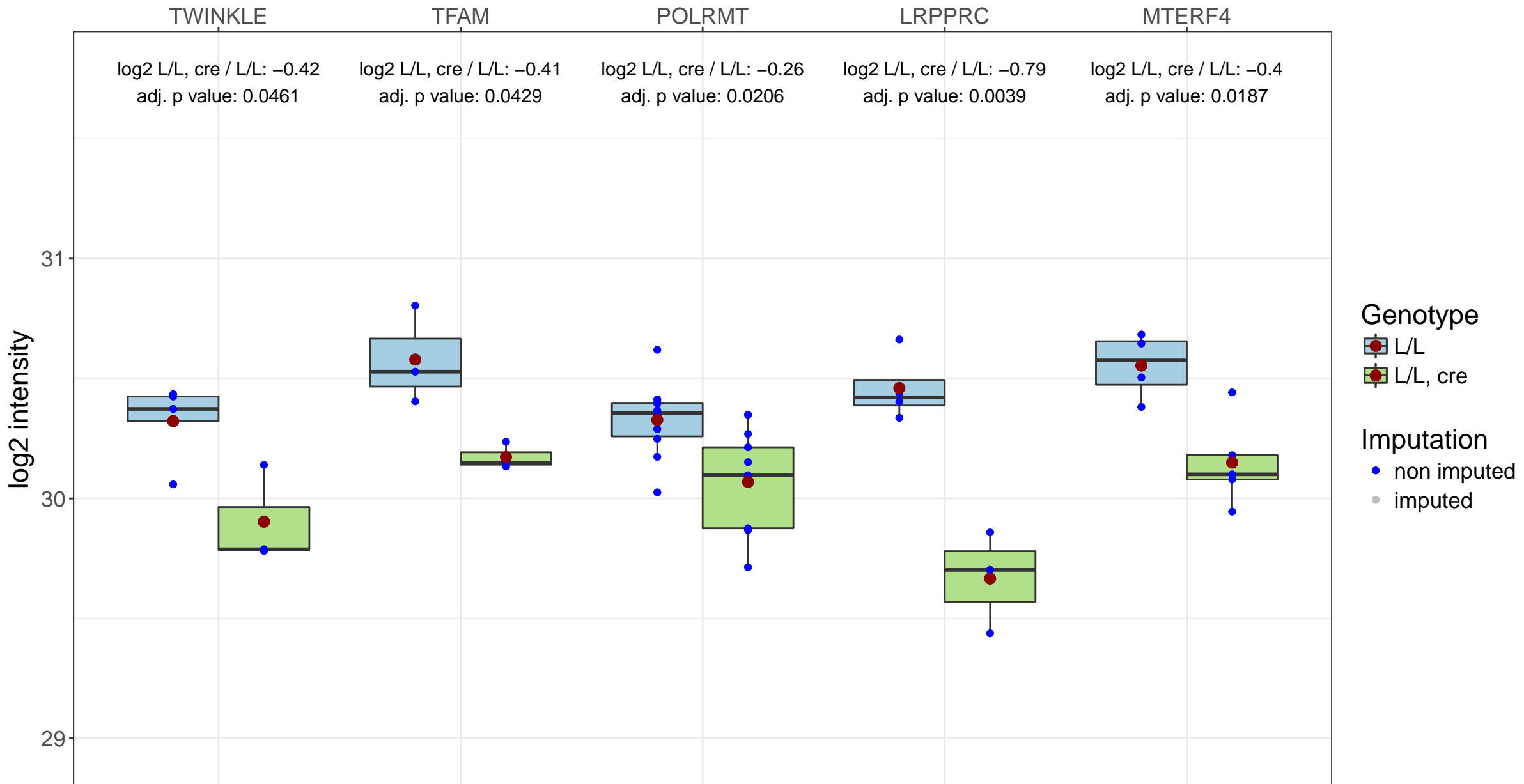




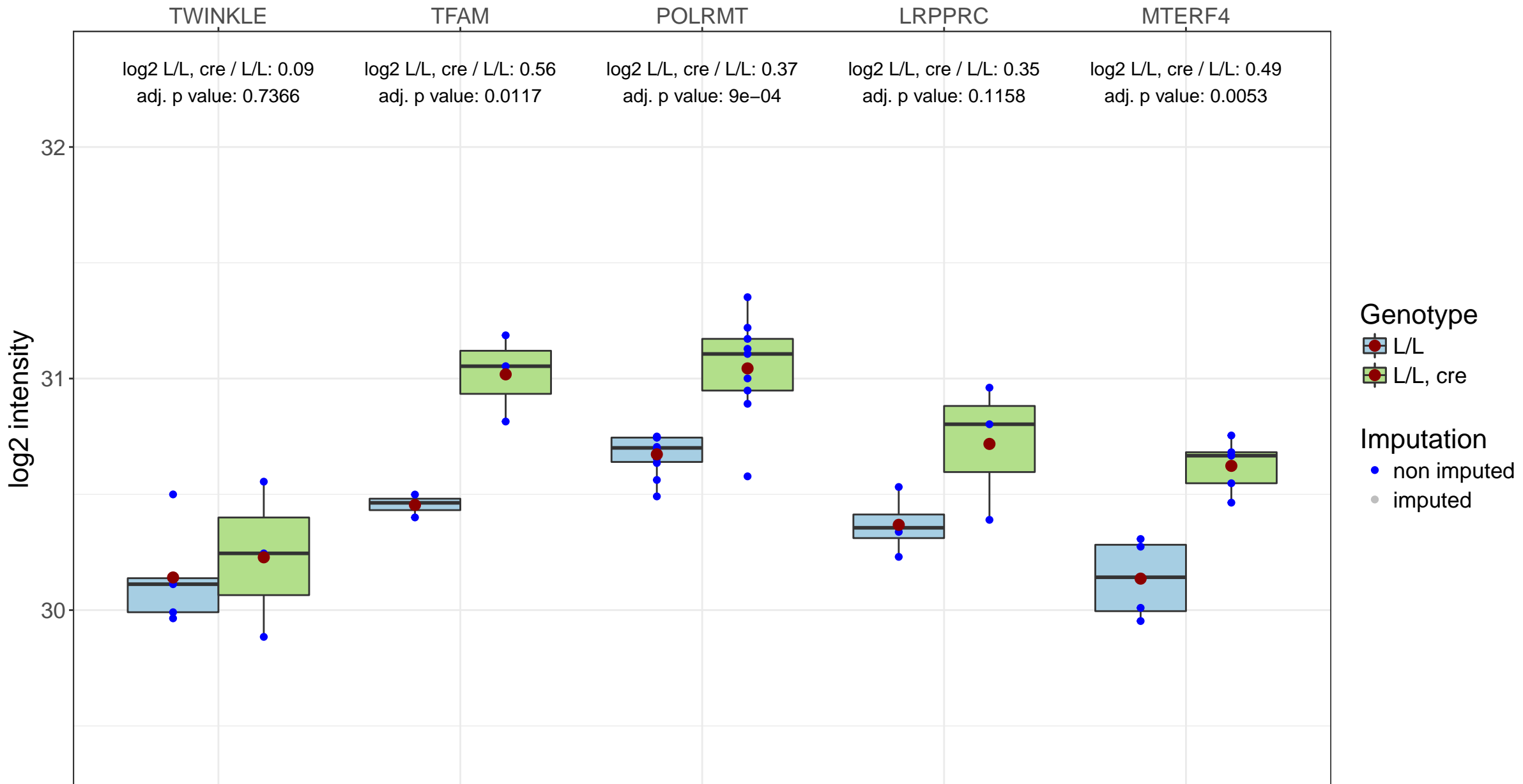
# ENDOG / O08600



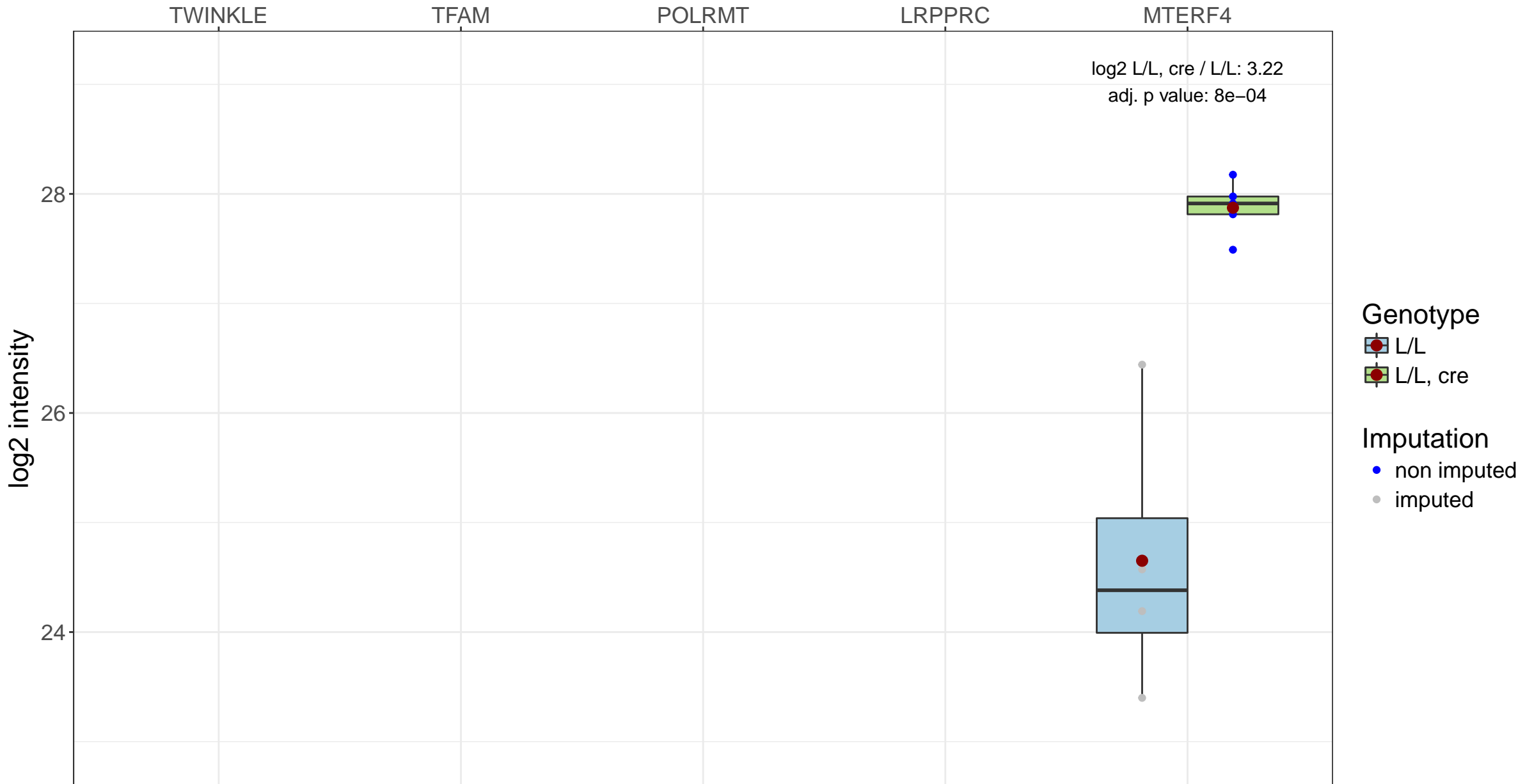
# ENO3 / P21550



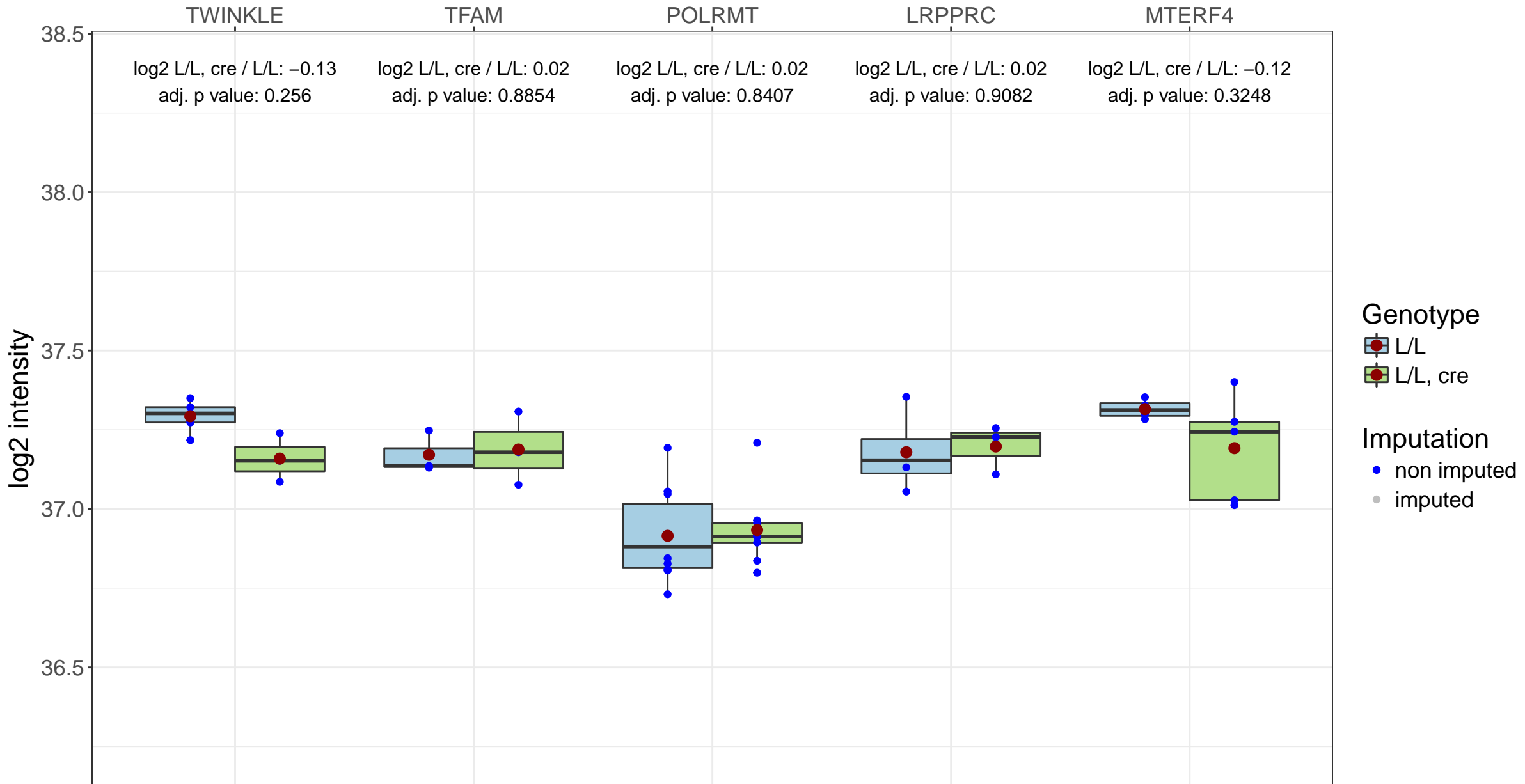
# EPHX2 / P34914



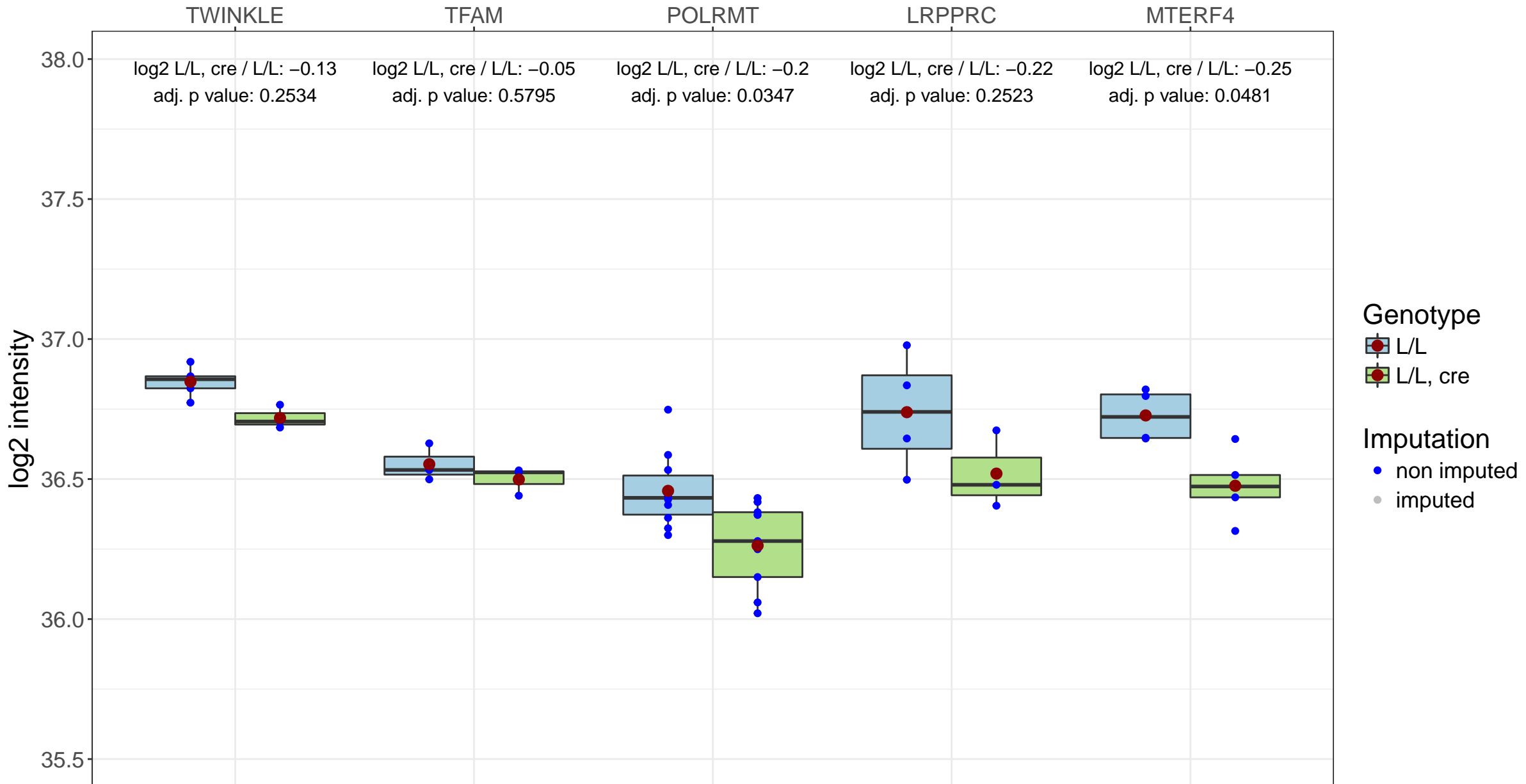
# ERAL1 / Q9CZU4



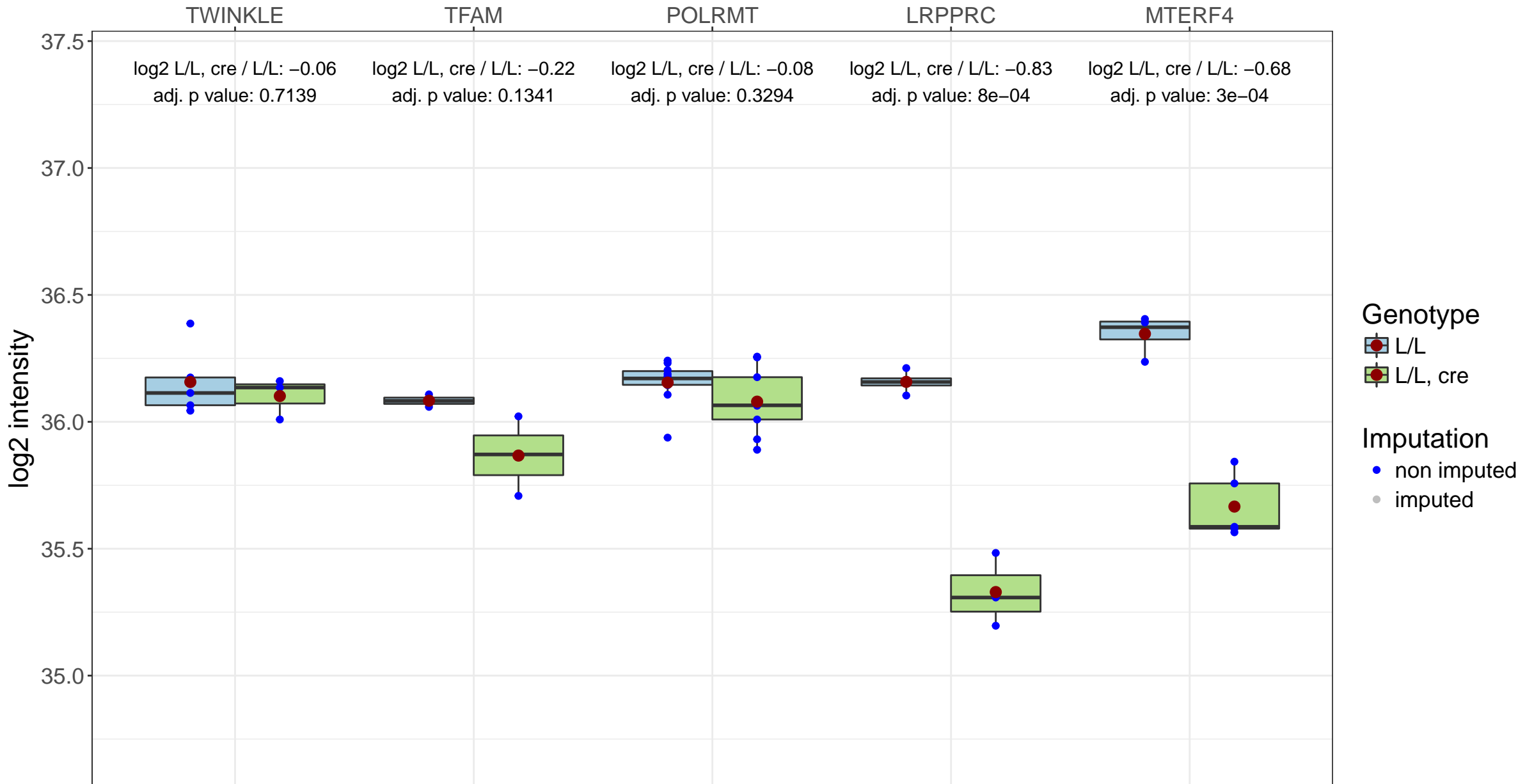
# ETFA / Q99LC5



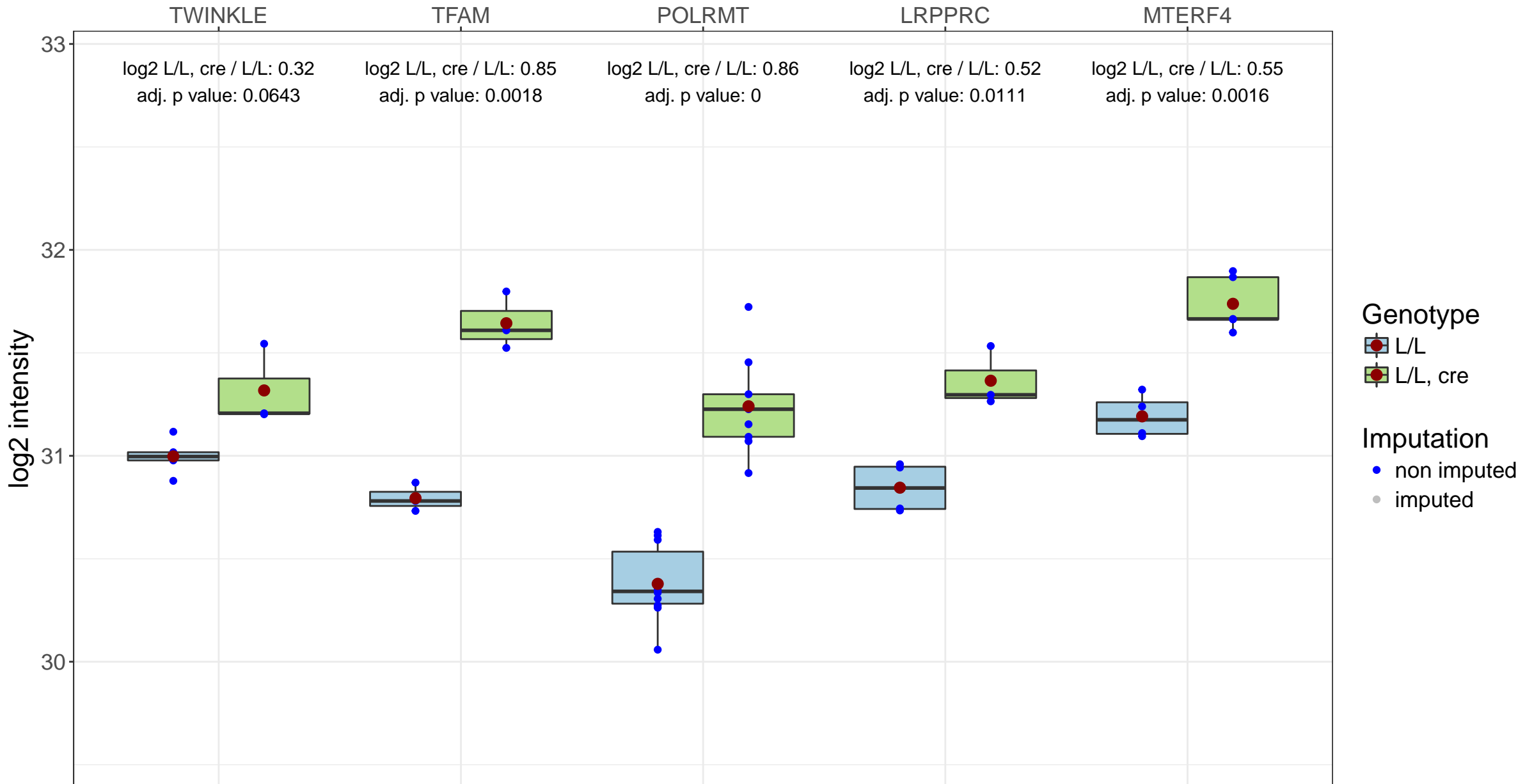
# ETFB / Q9DCW4



# ETFDH / Q921G7

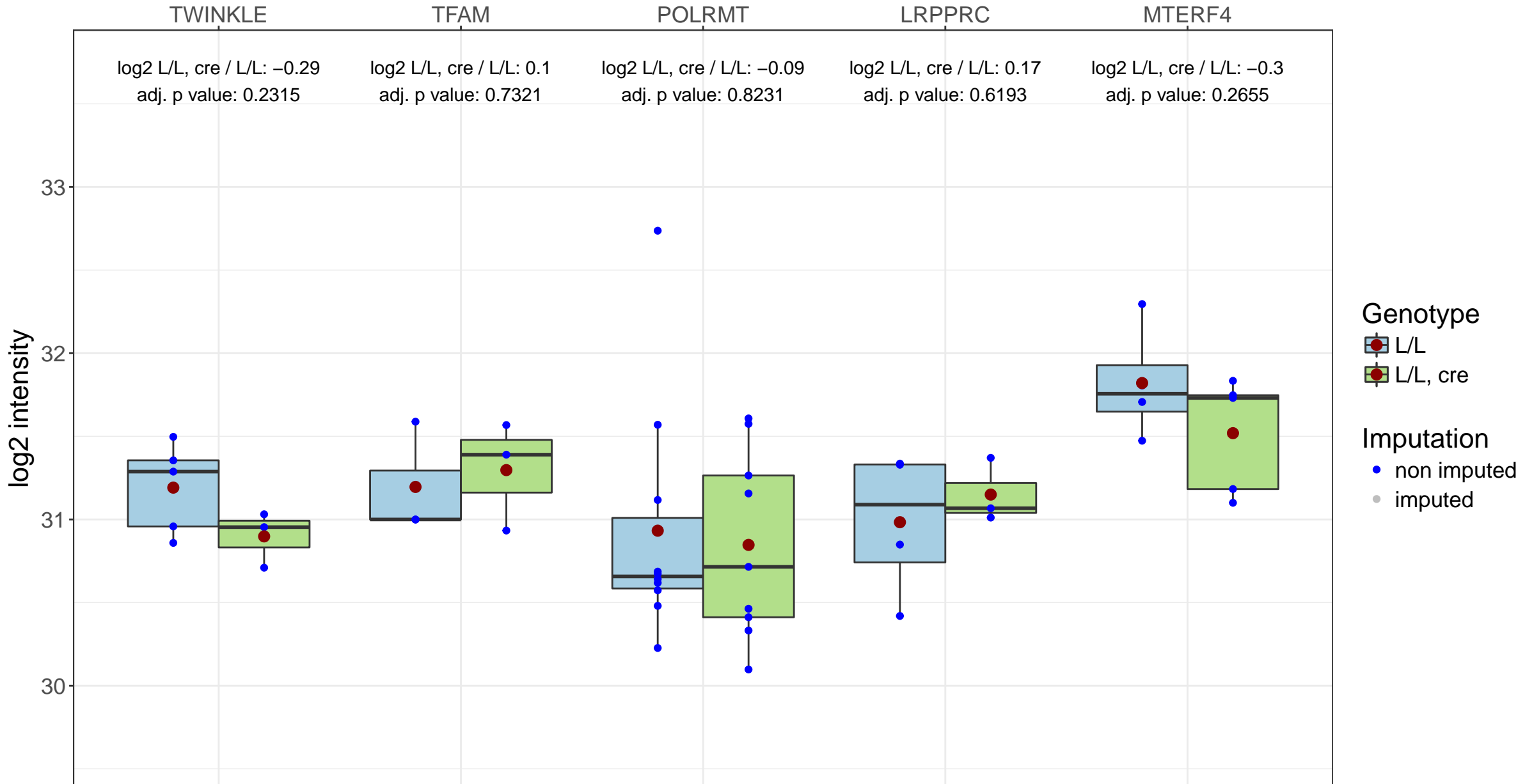


# ETHE1 / Q9DCM0

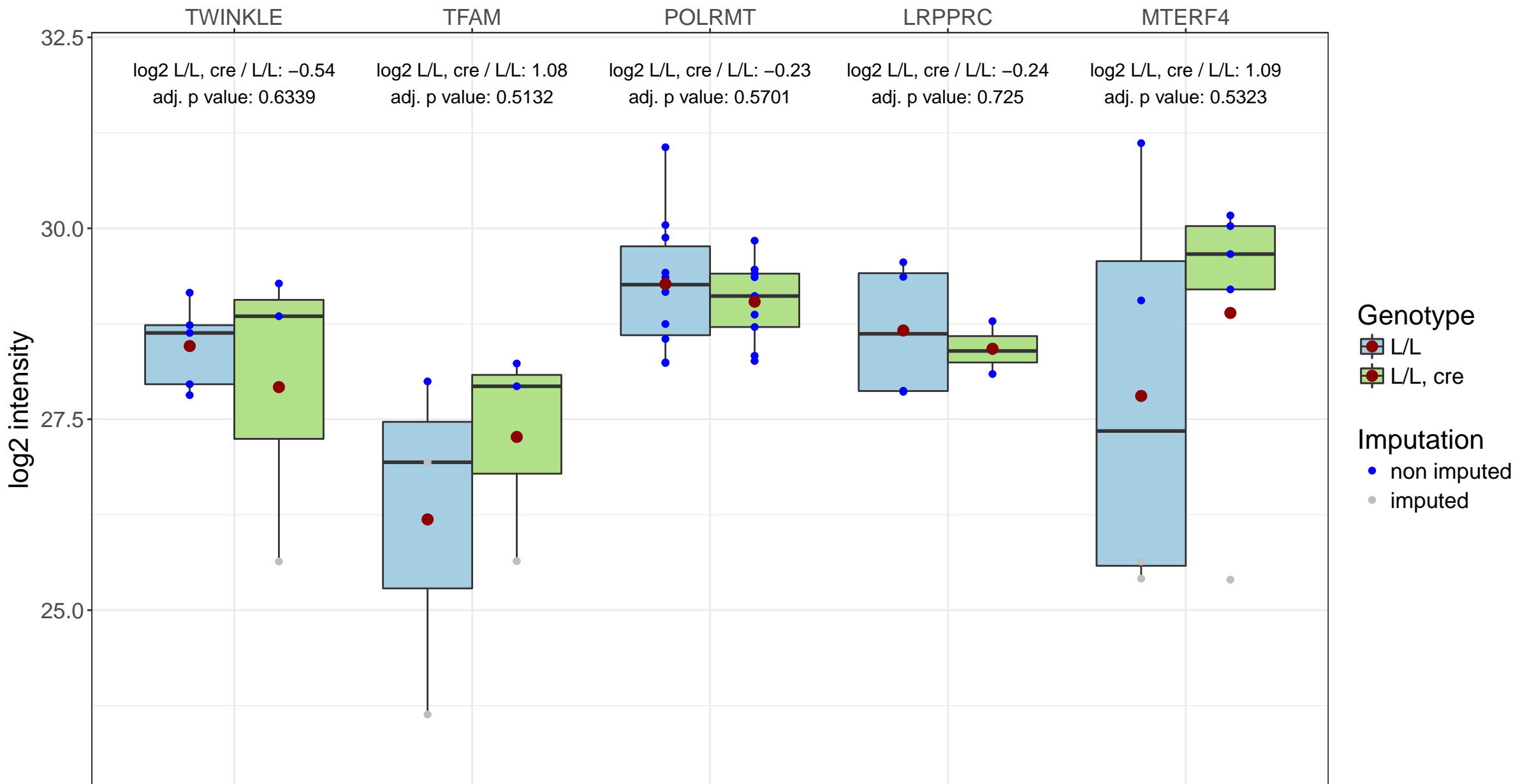




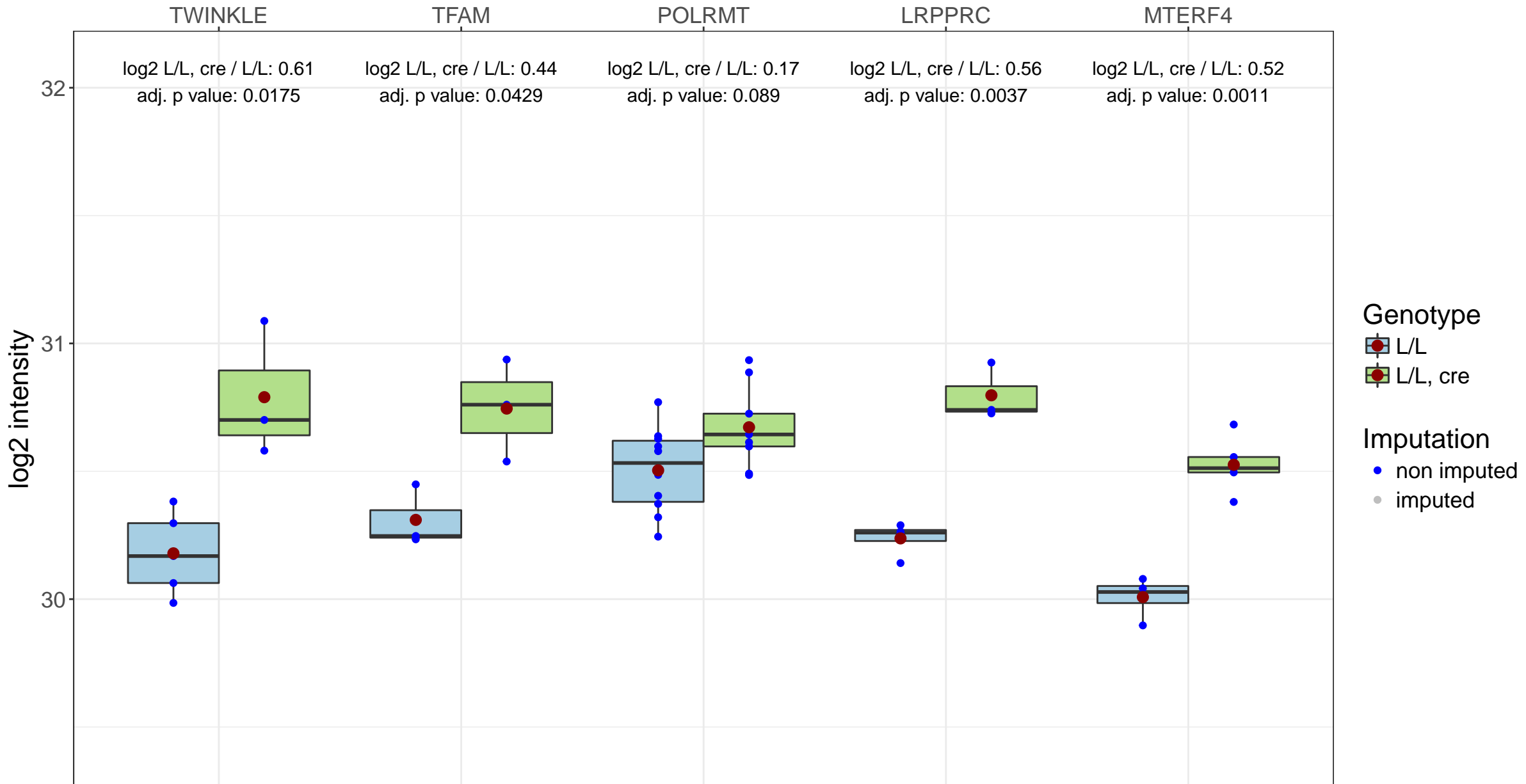
# FABP3 / P11404



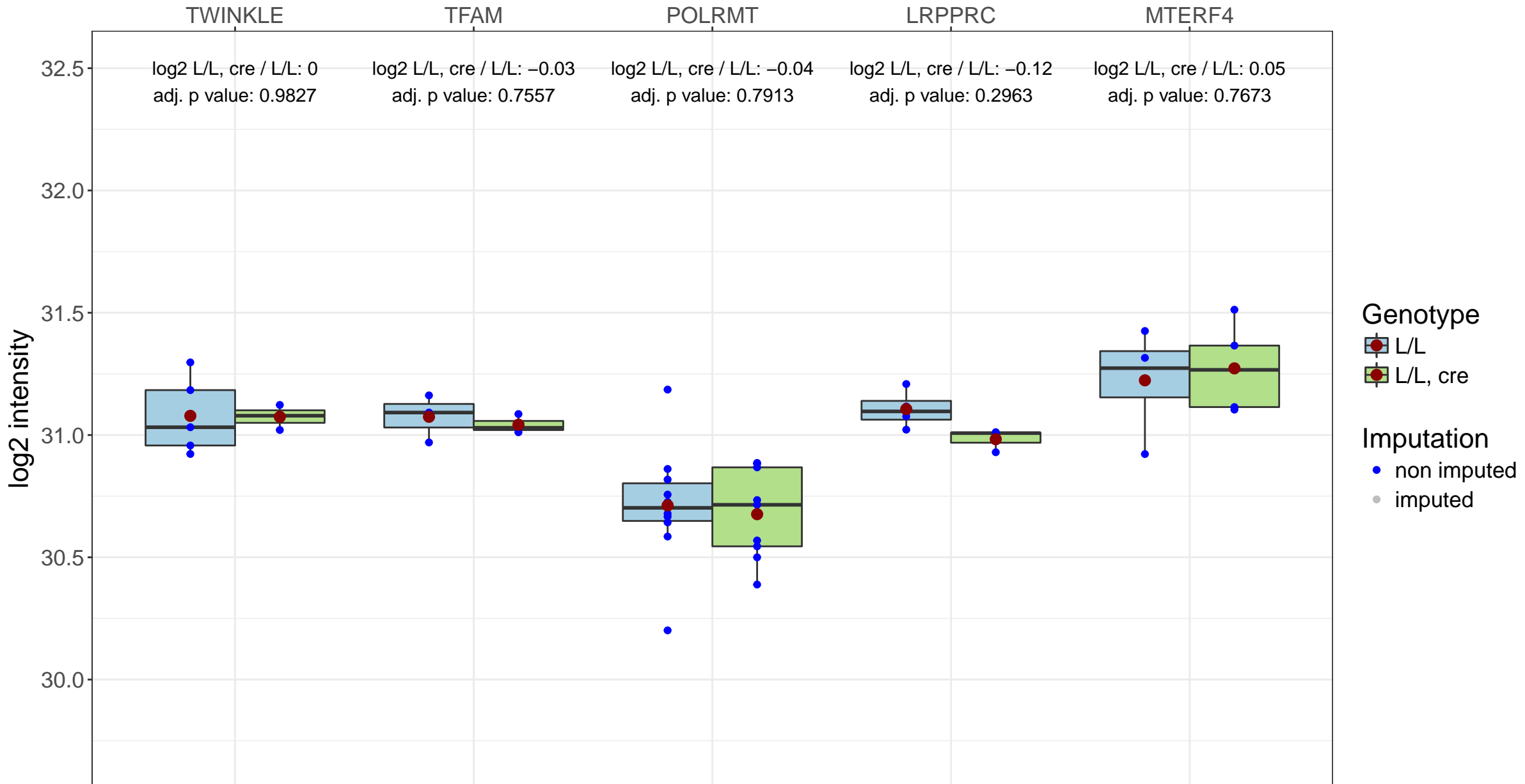
# FABP4 / P04117



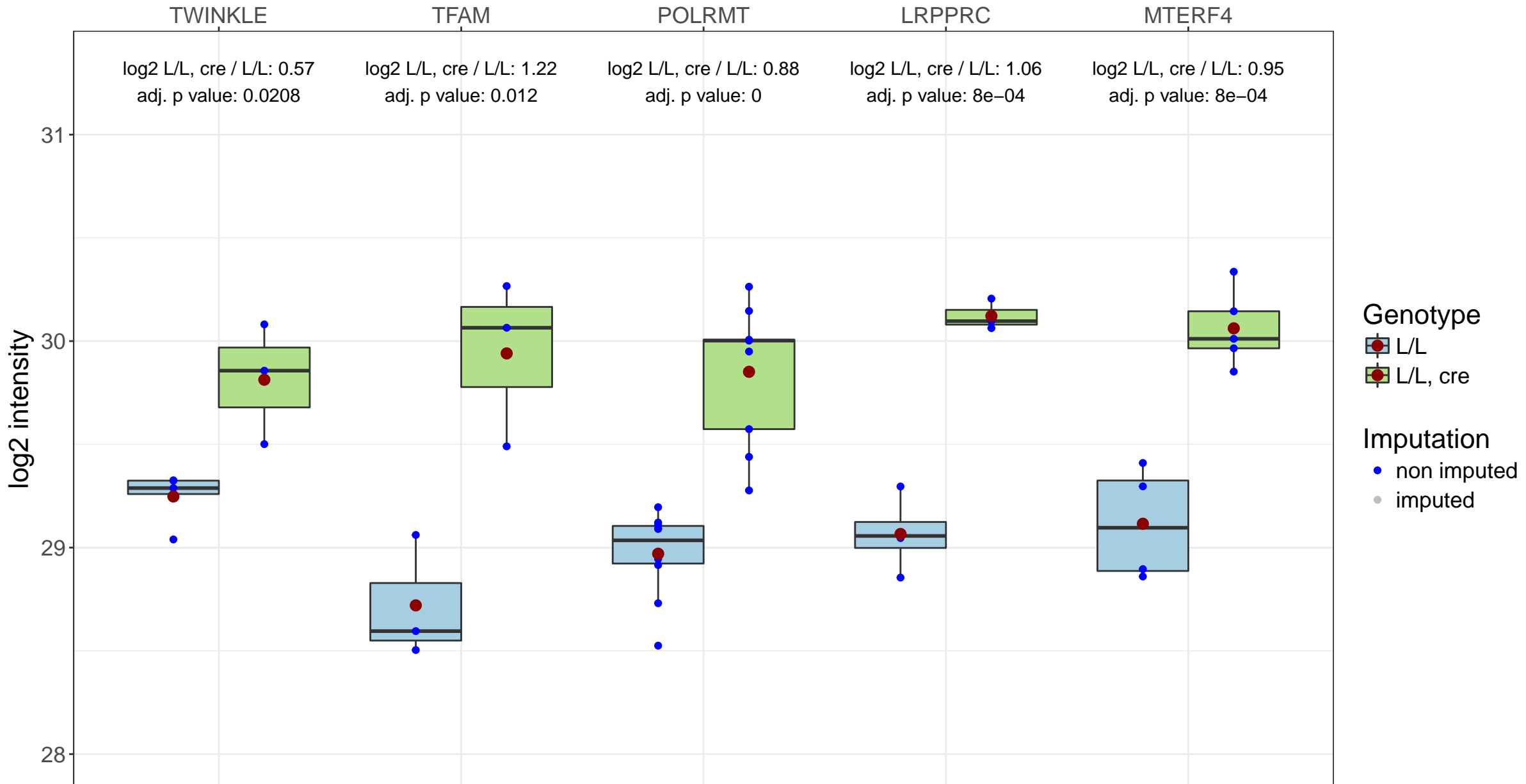
# FAHD1 / Q8R0F8



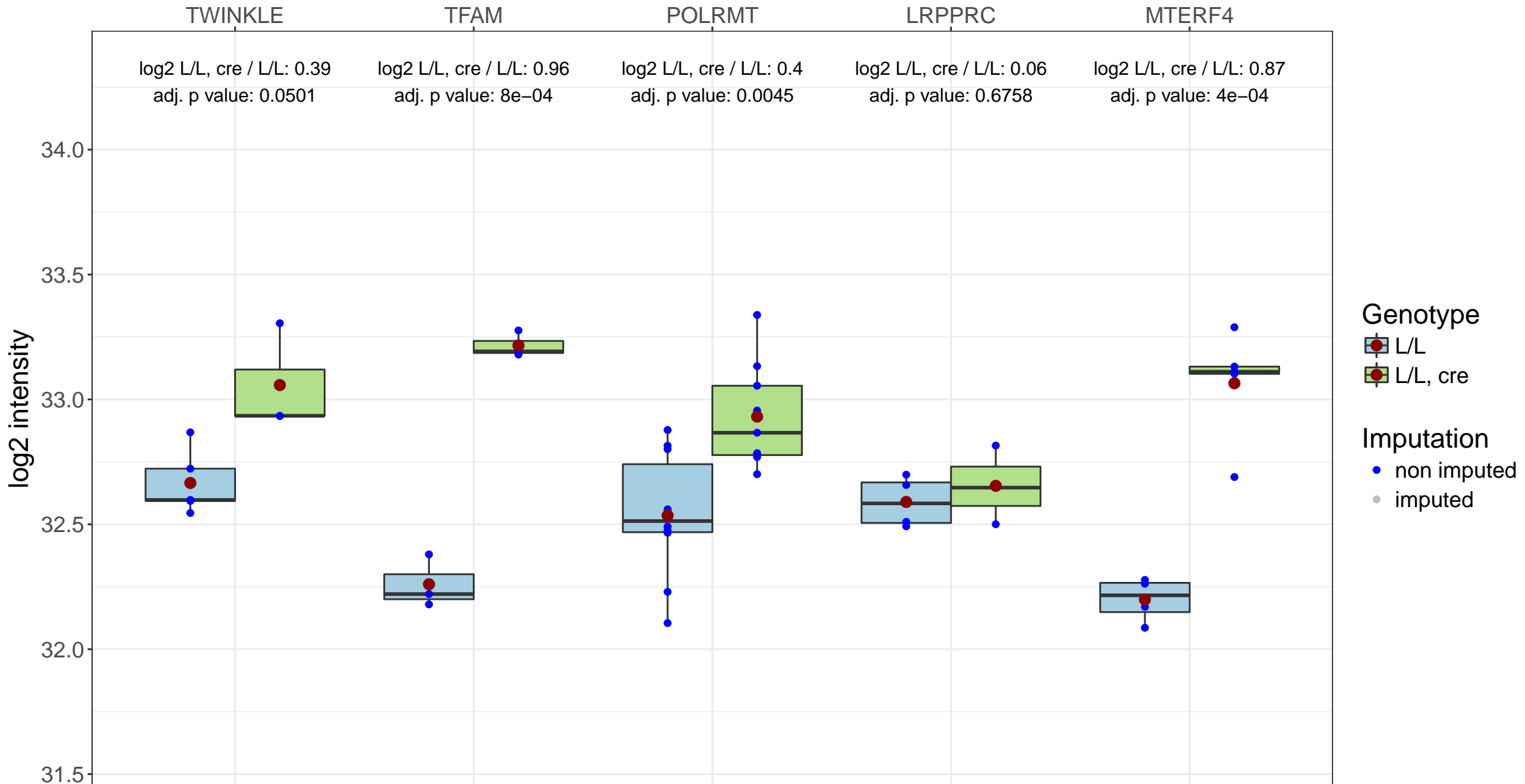
# FAHD2 / Q3TC72



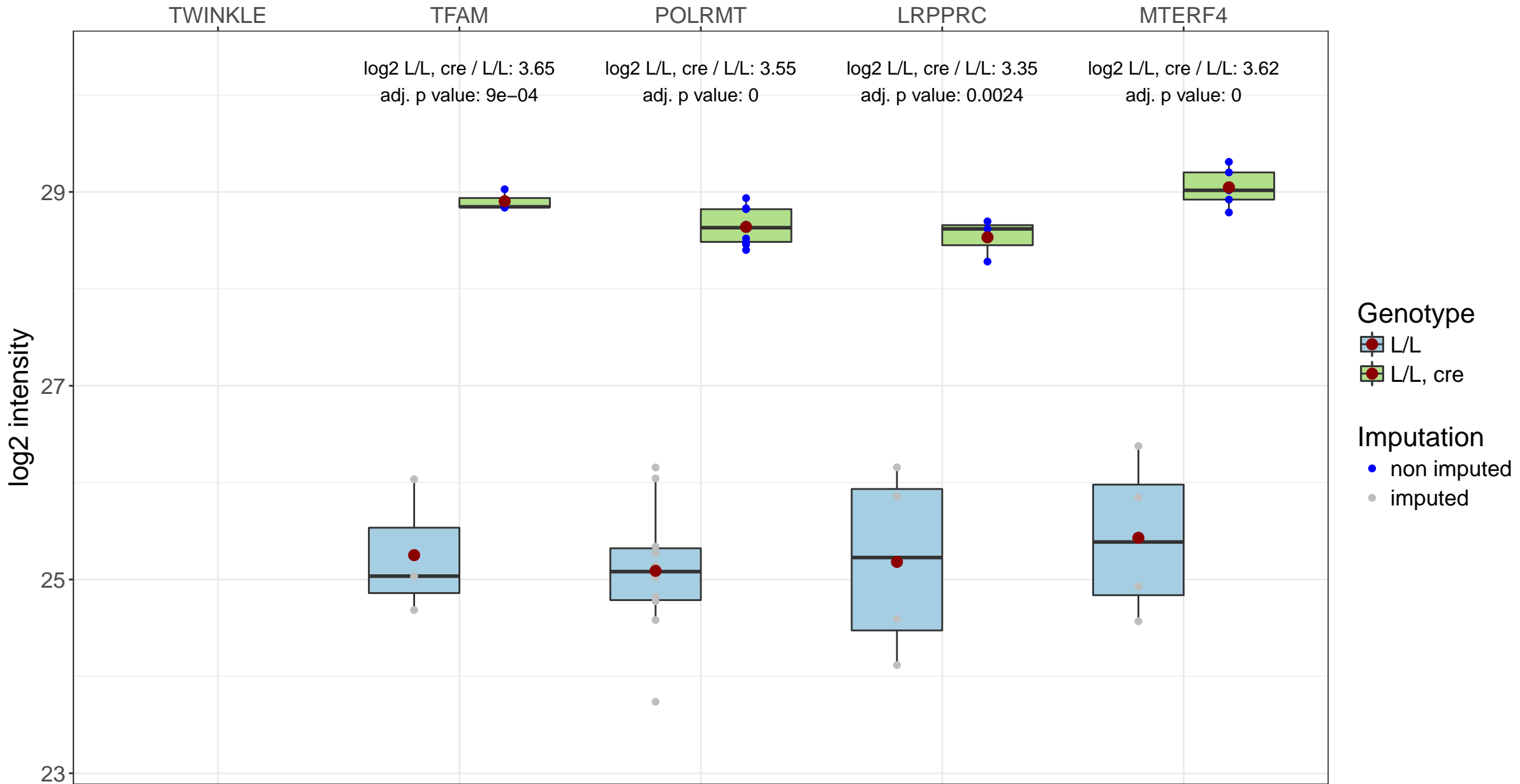
# FAM136A / Q9CR98



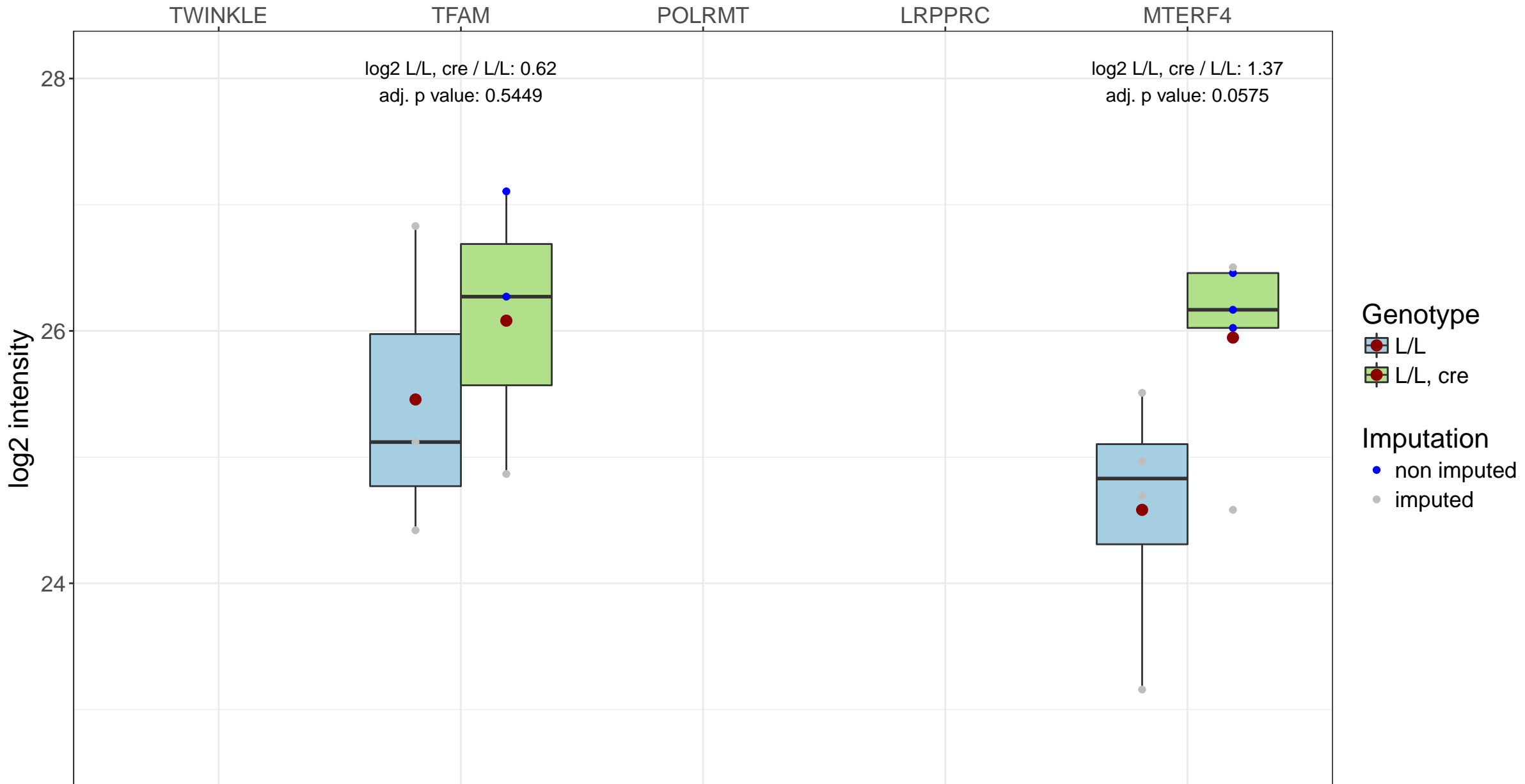
# FAM162A / Q9D6U8



# FAM173A / Q501J2

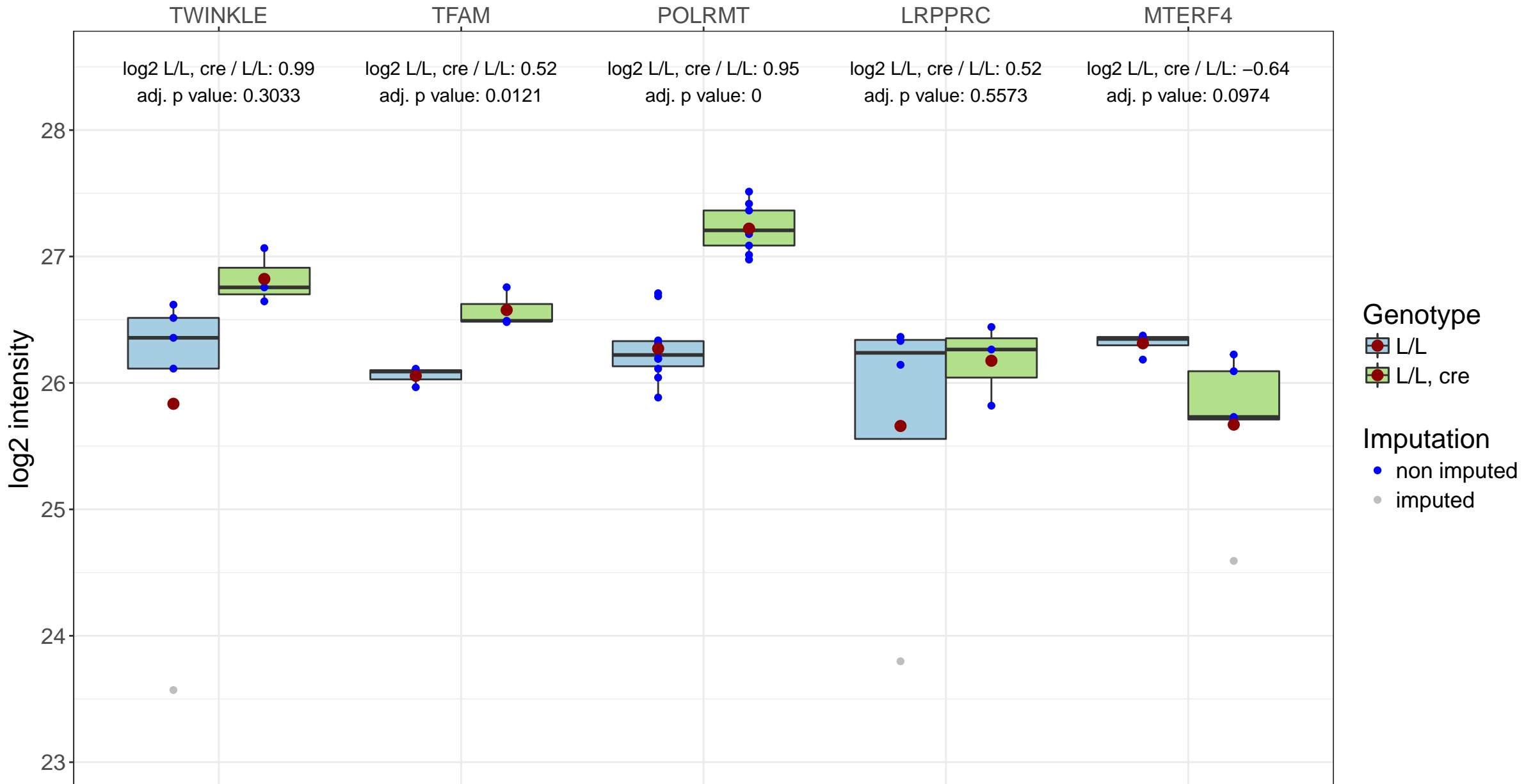


# FAM173B / Q9D1Z3

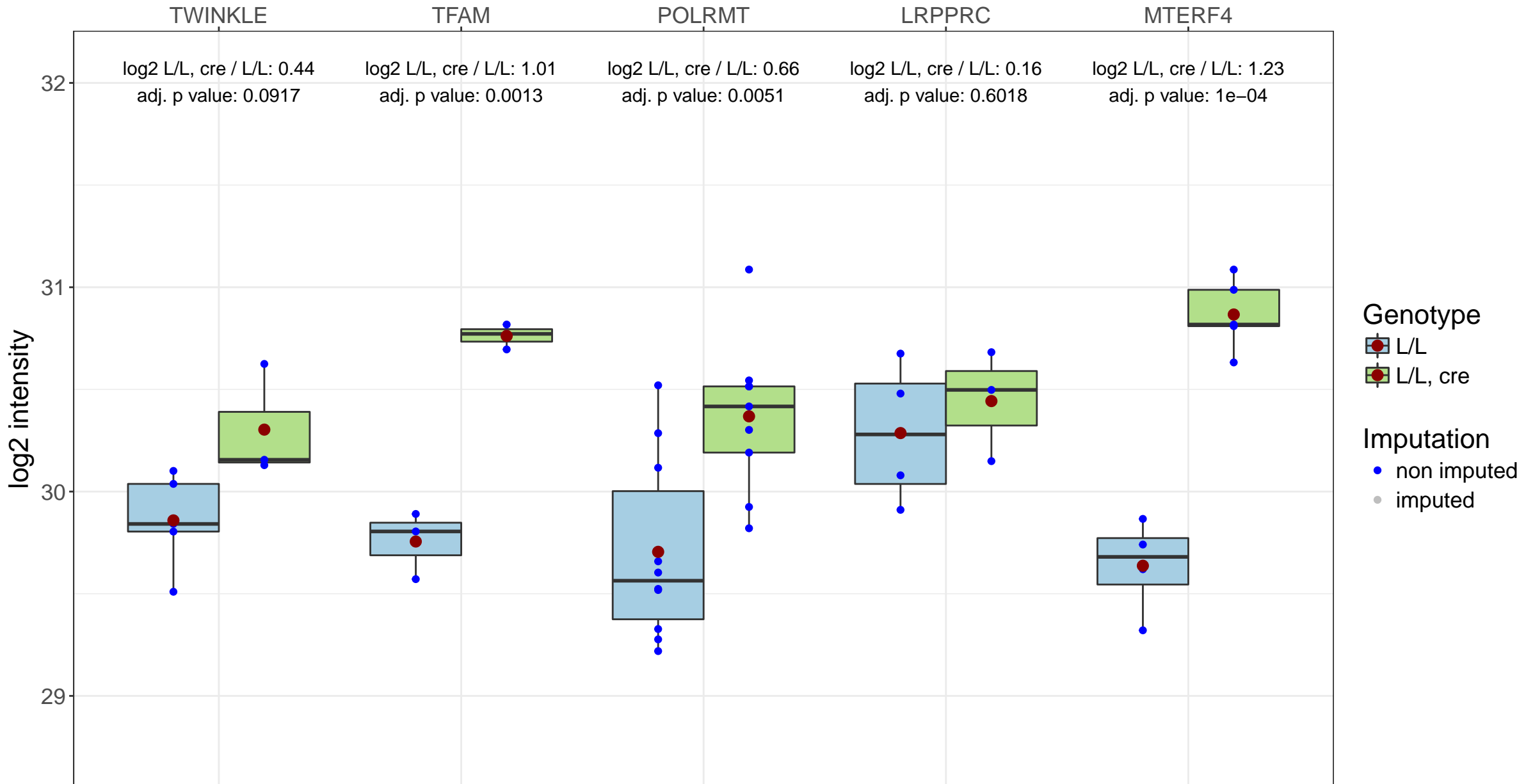




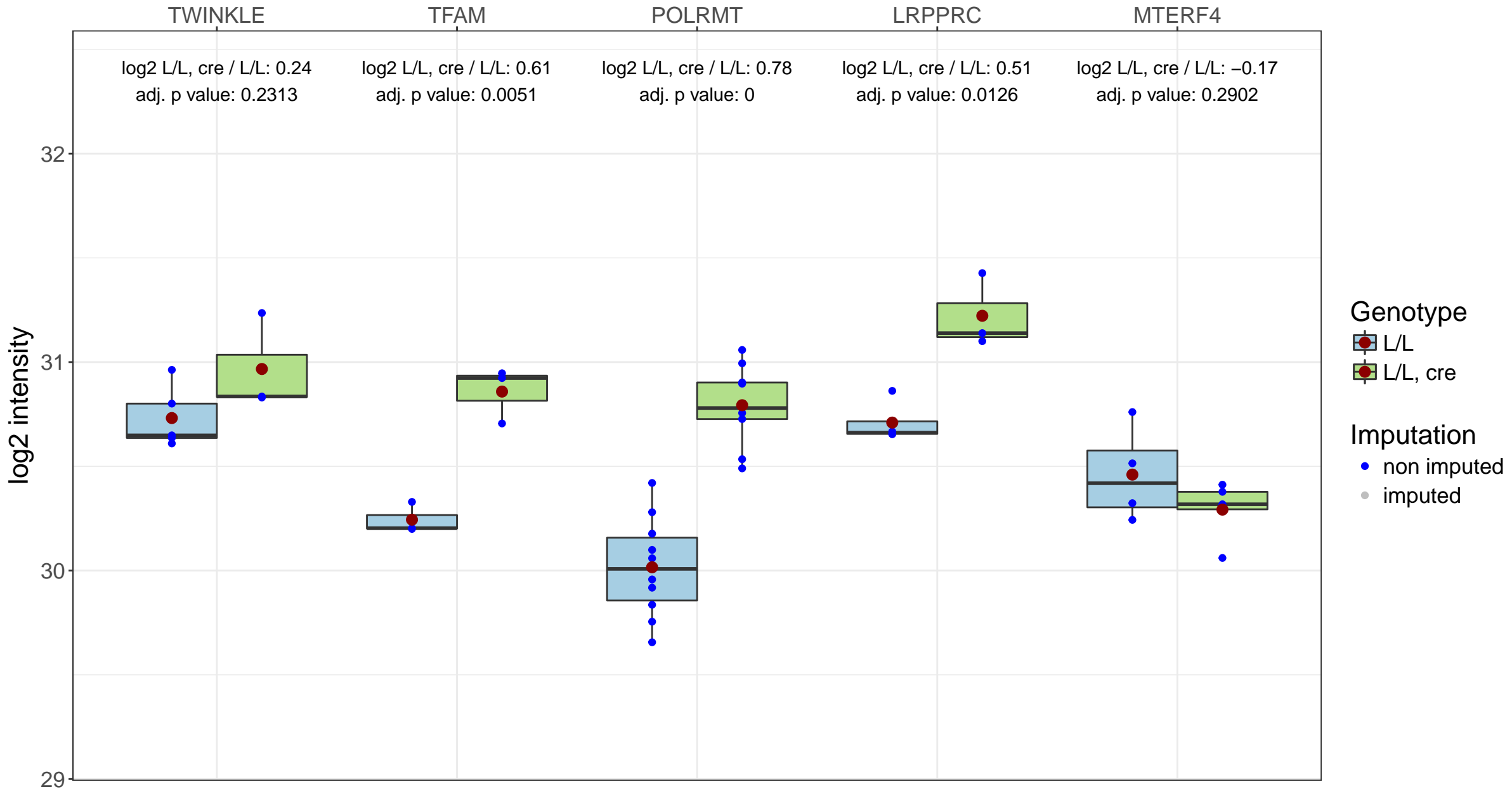
# FAM185A / Q7TPD2



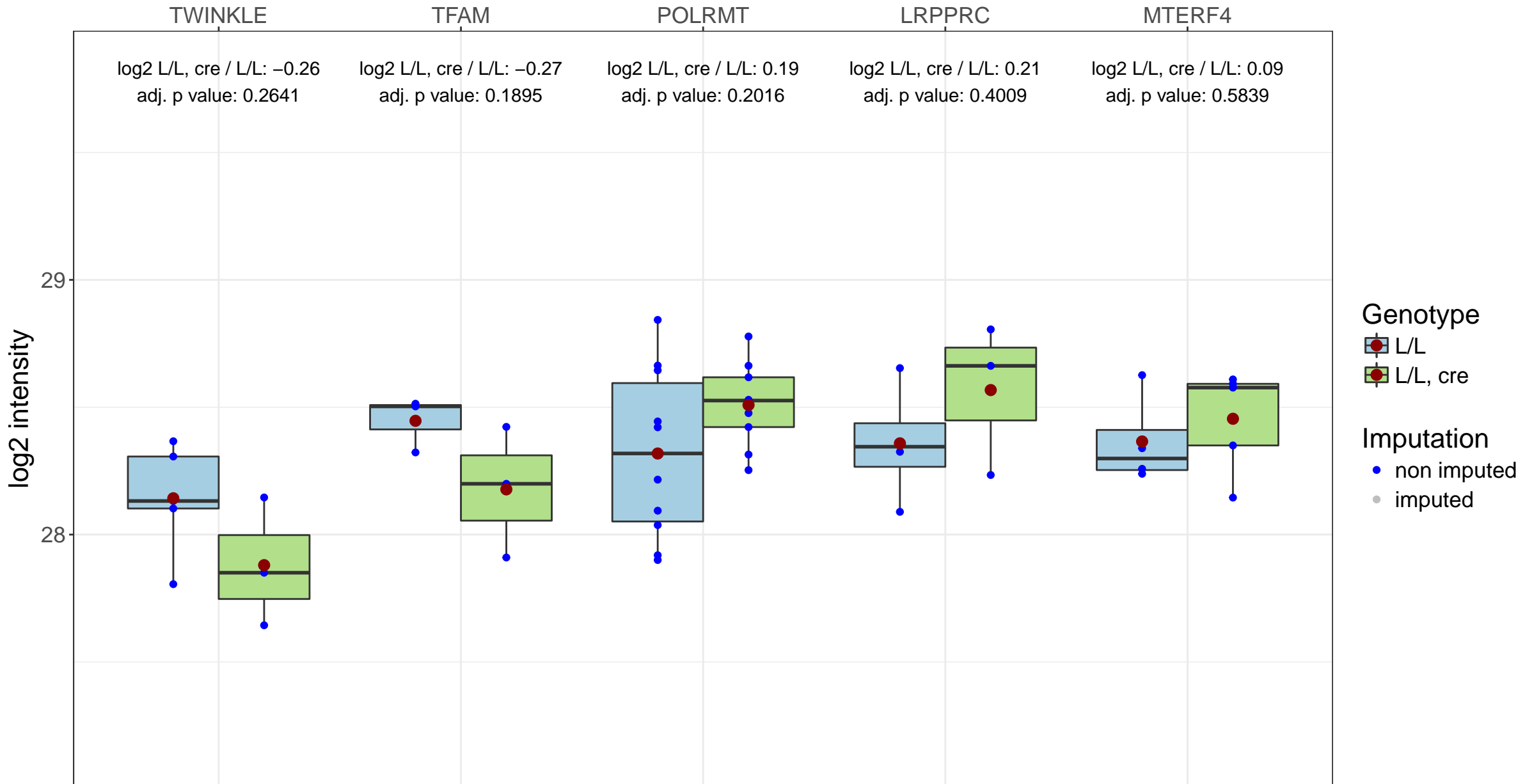
# FAM210A / Q8BGY7



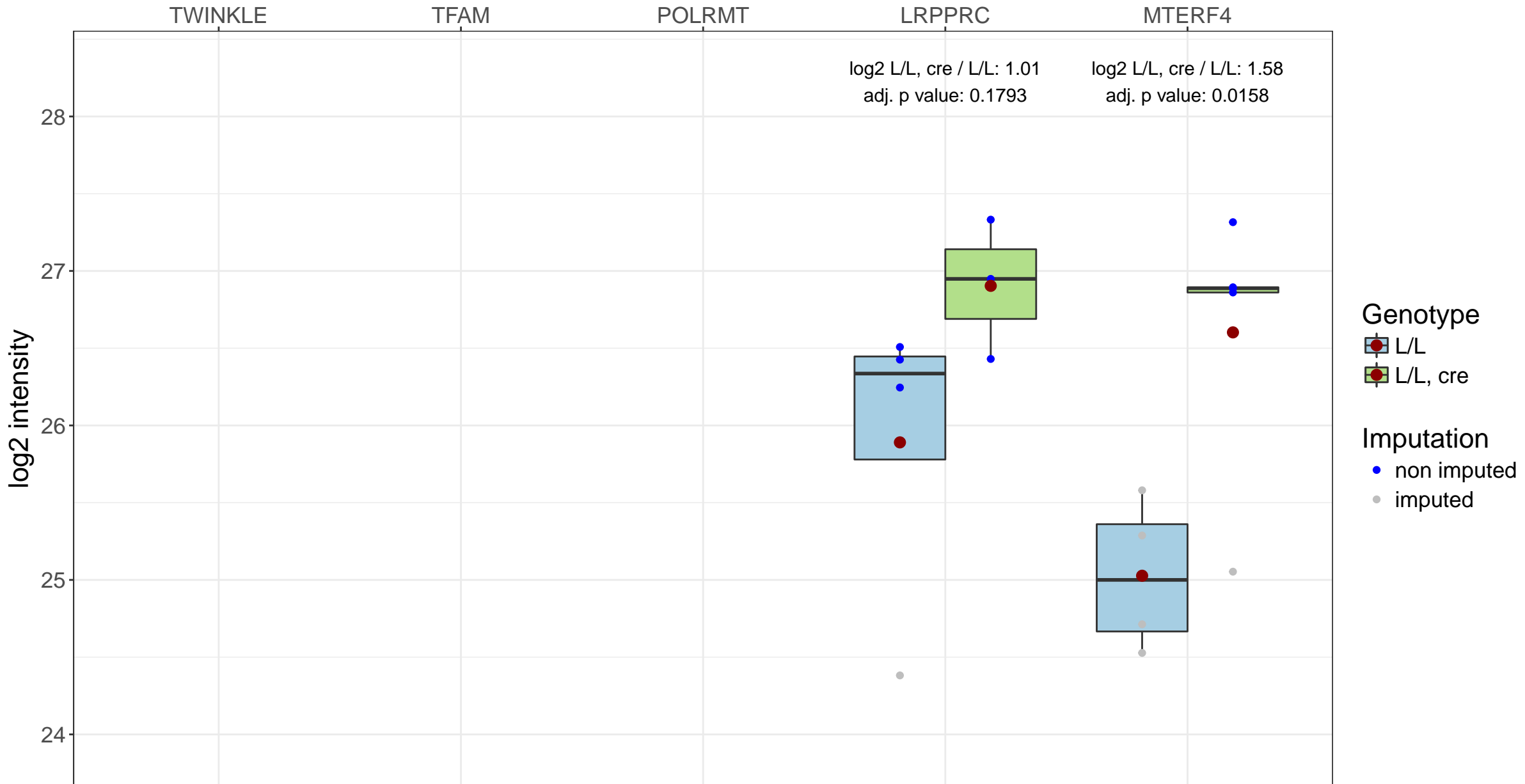
# FAM213B / Q9DB60



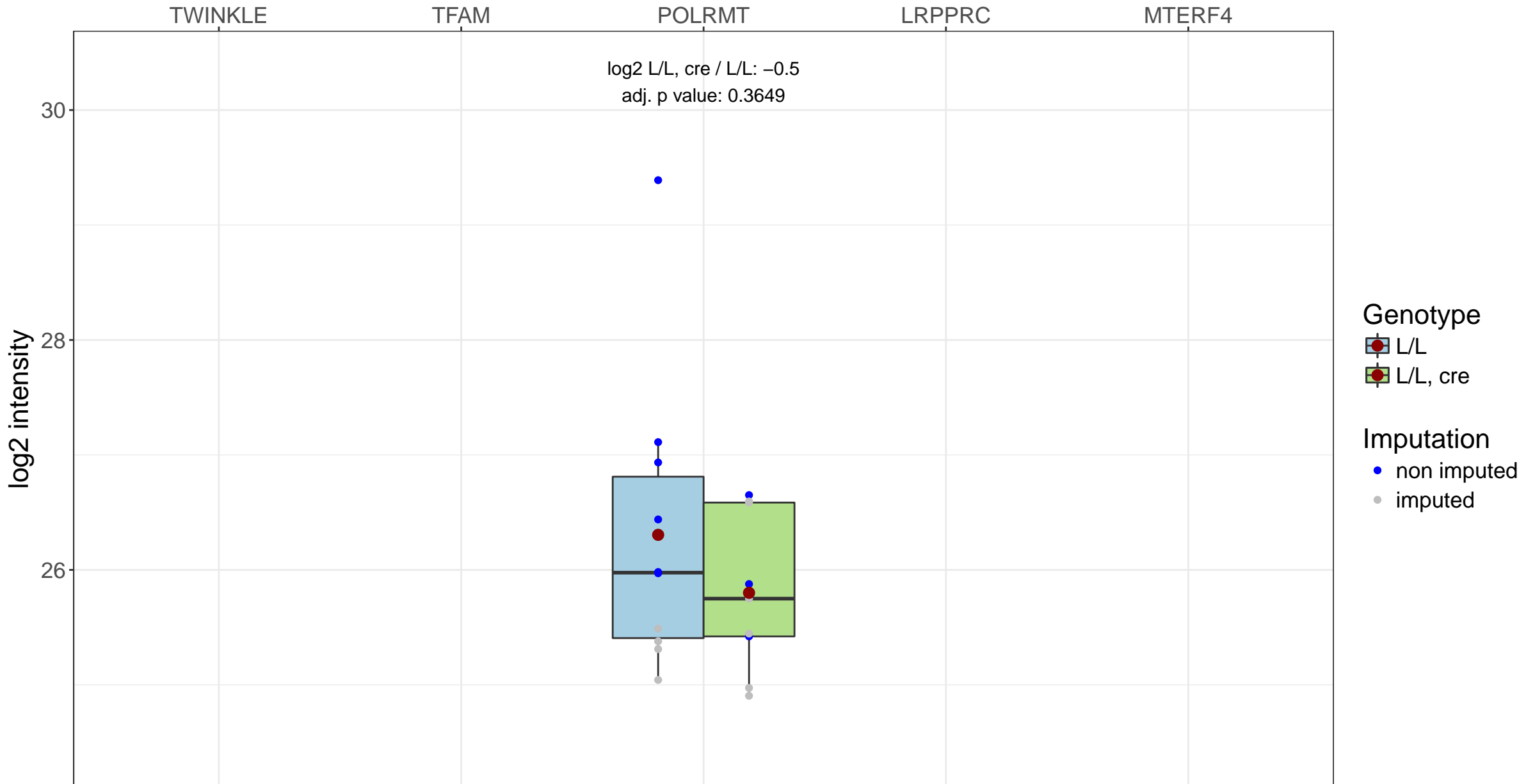
# FARS2 / Q99M01



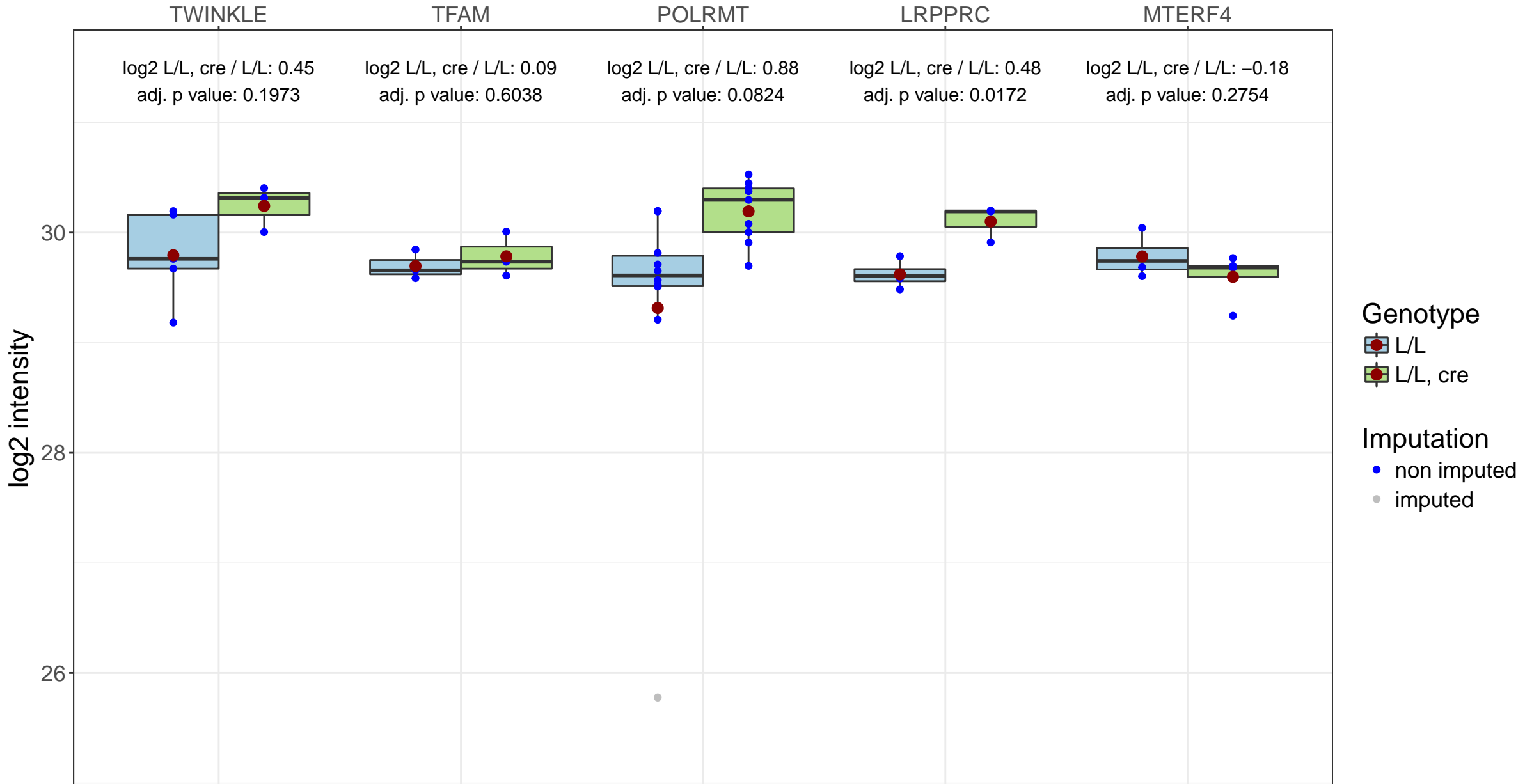
# FASTKD2 / Q922E6



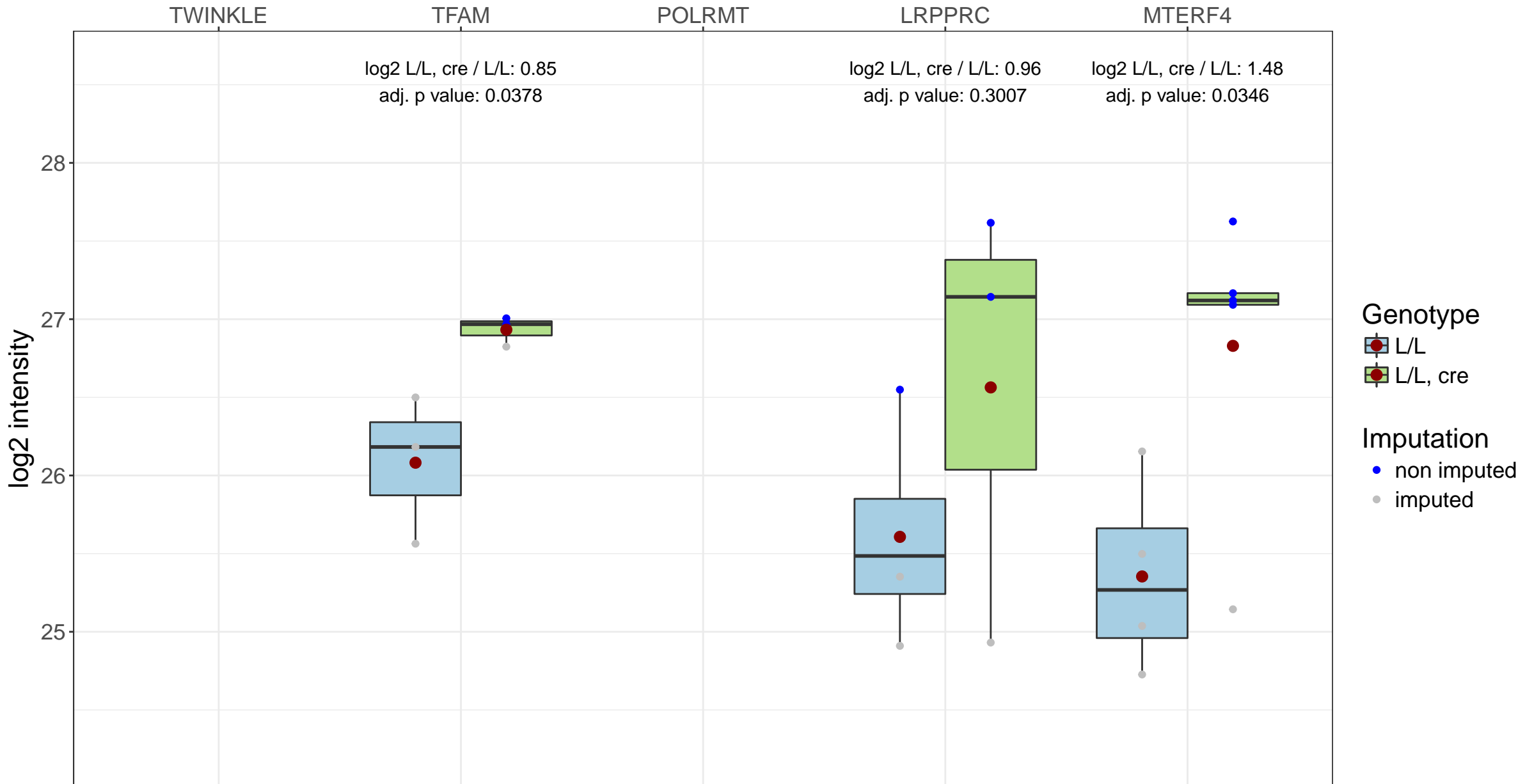
# FBN1 / A2AQ53



# FDX1 / P46656

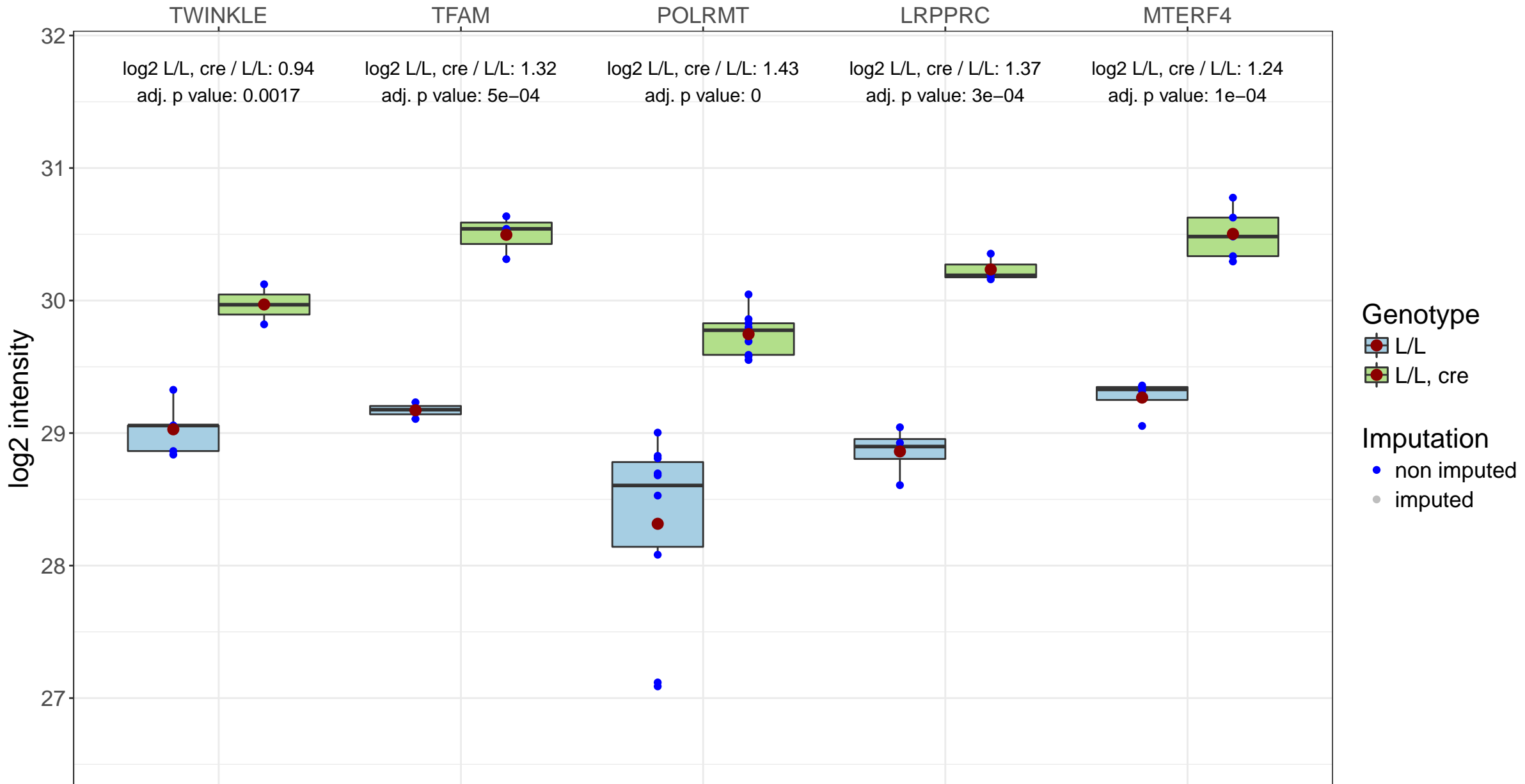


# FDX1L / Q9CPW2

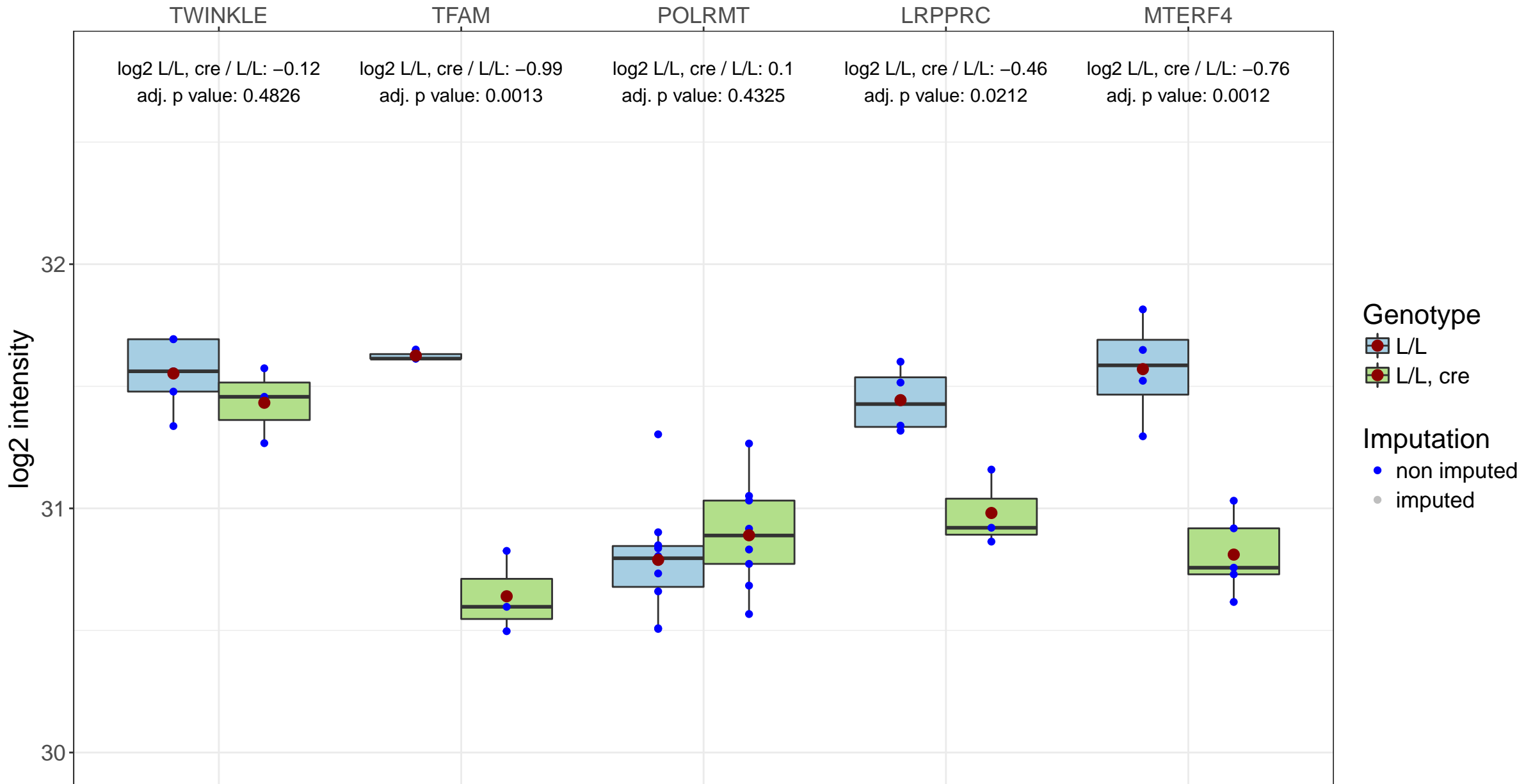




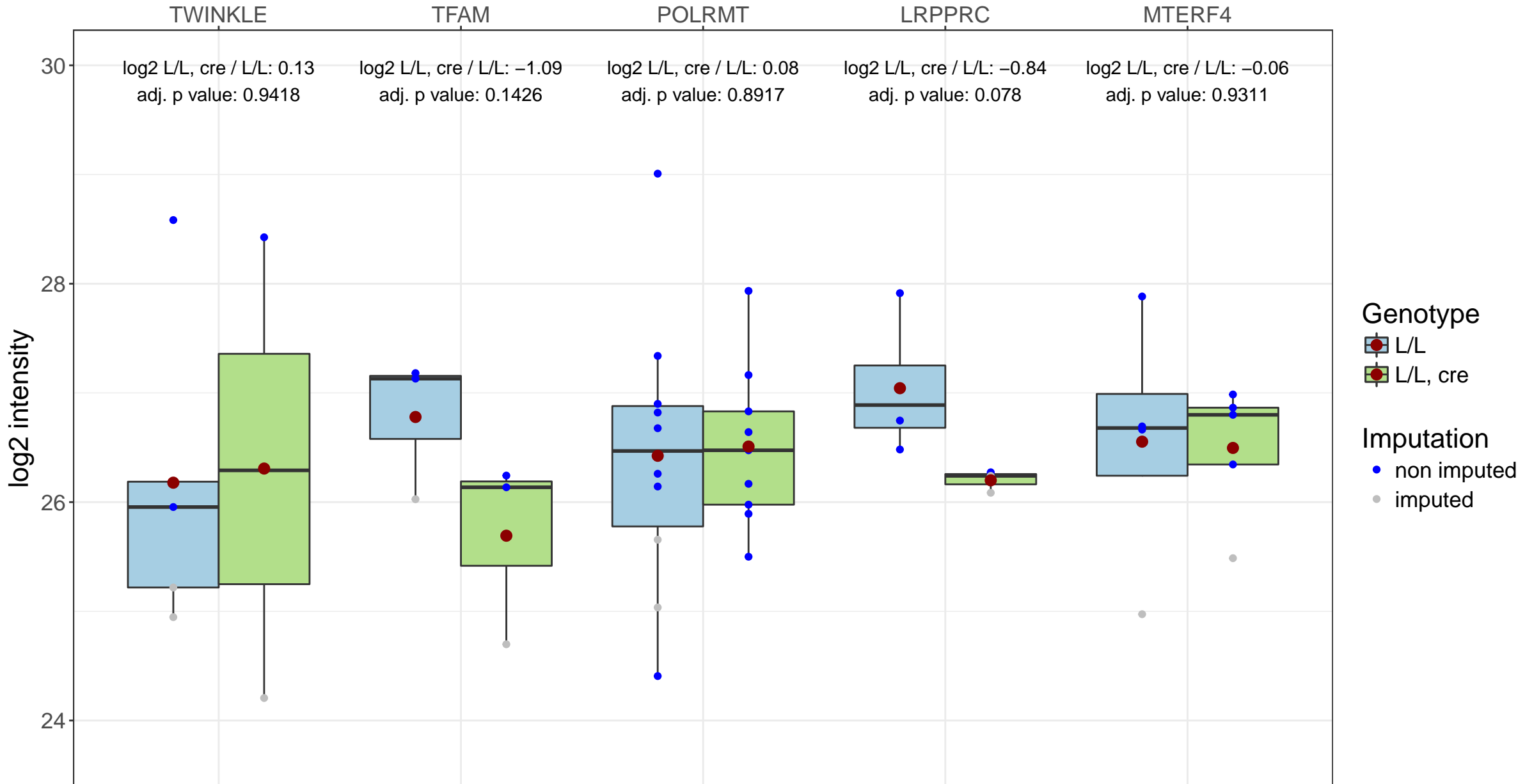
# FDXR / Q61578



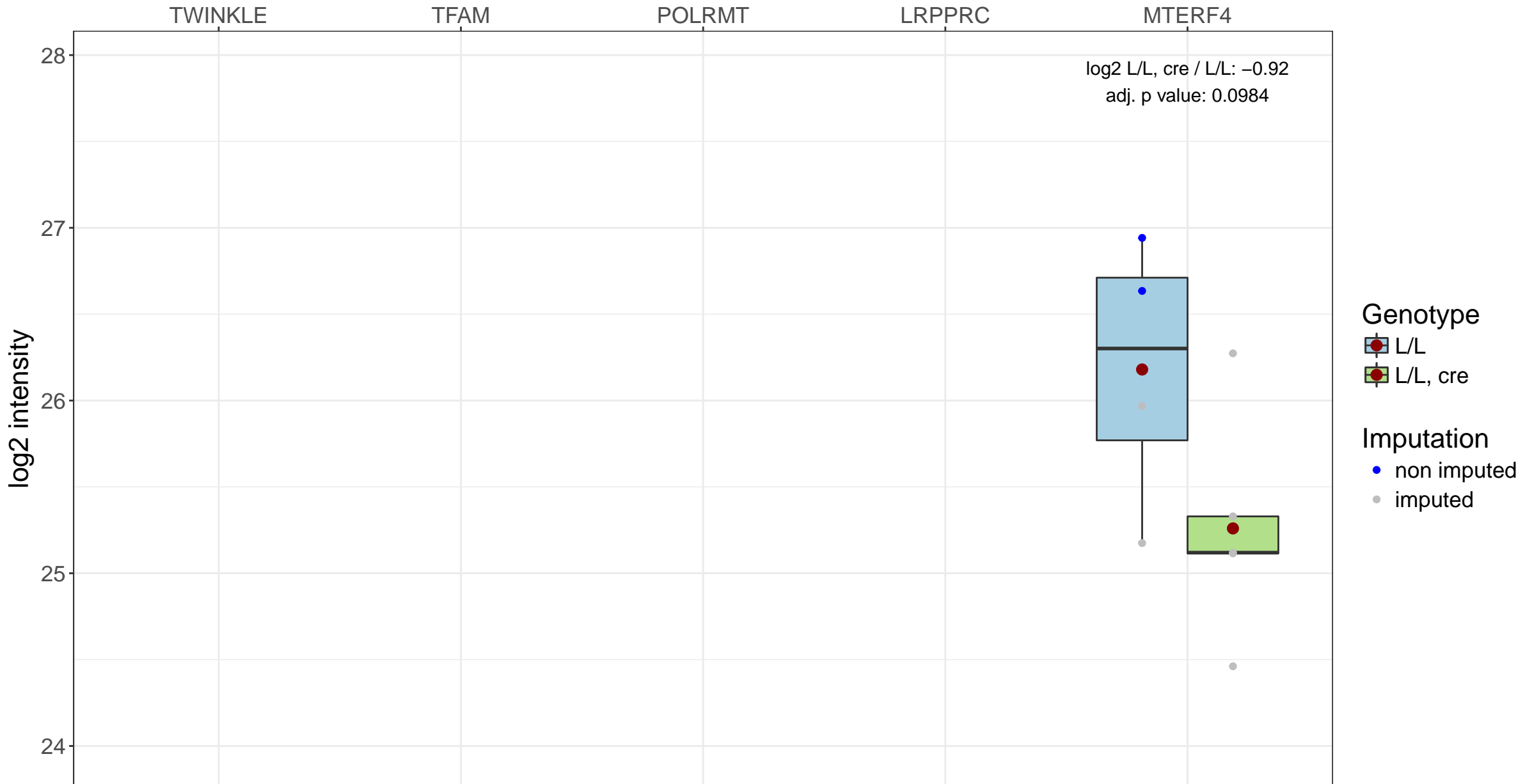
# FECH / Q544X6



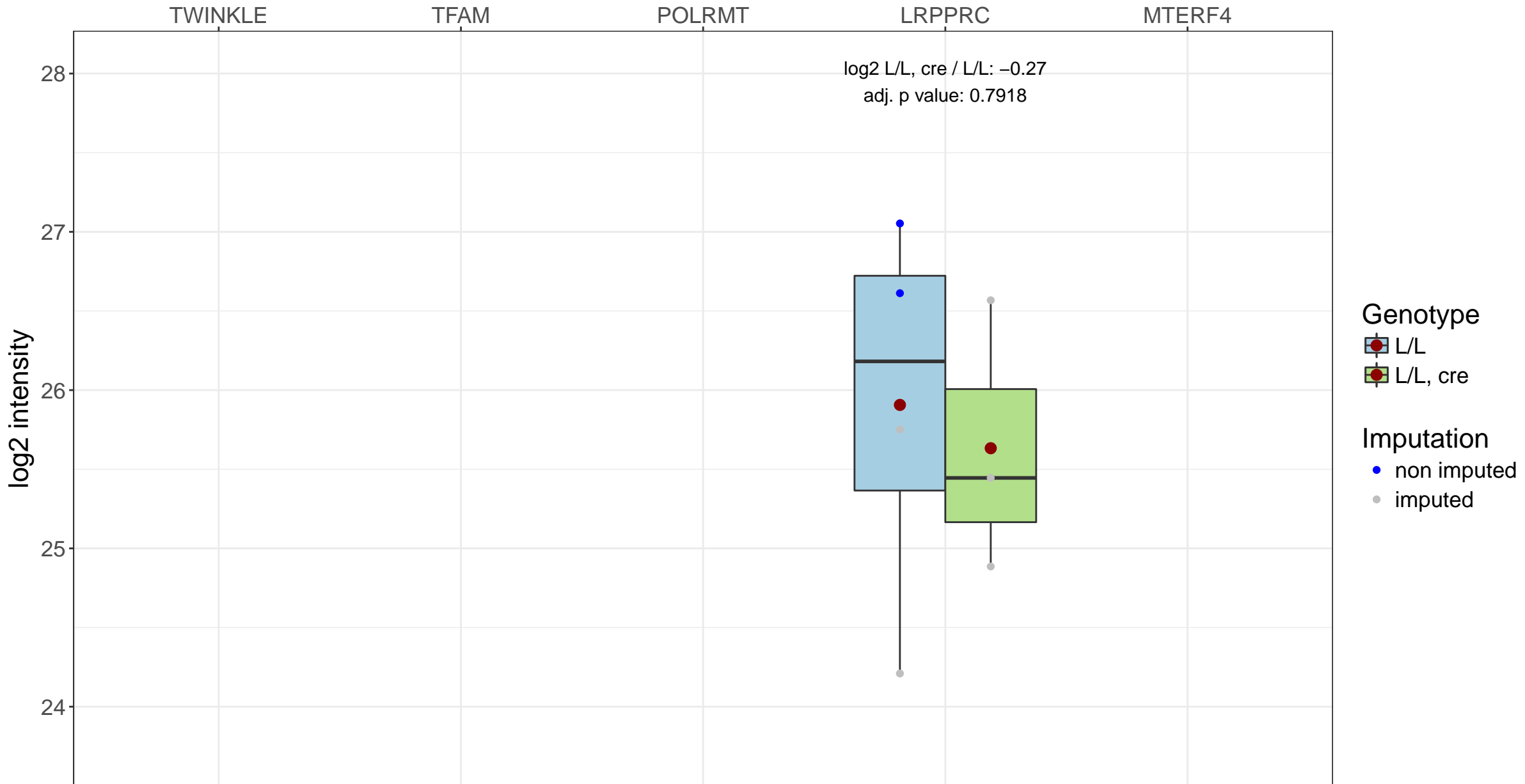
# FGA / E9PV24



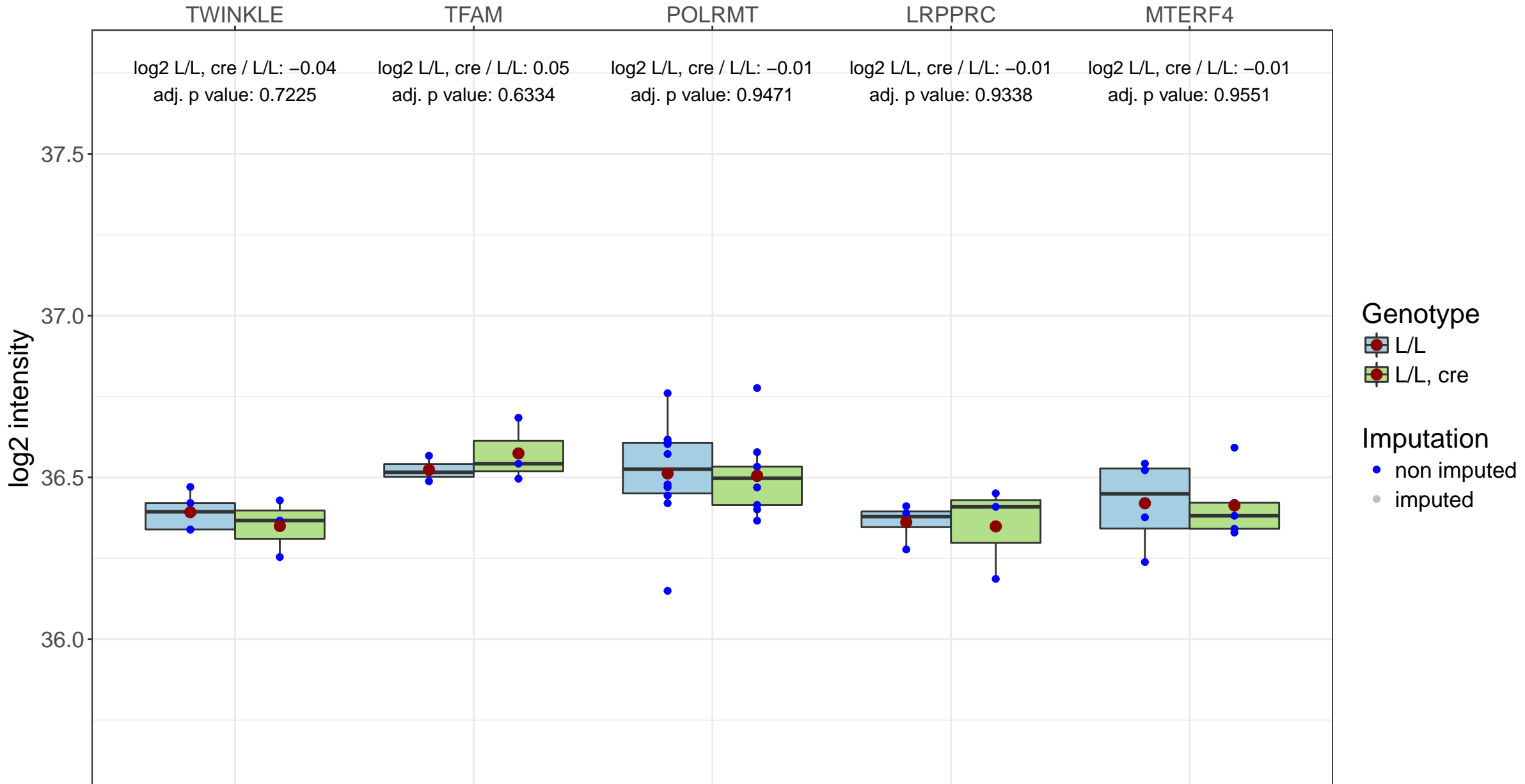
# FGB / Q8K0E8



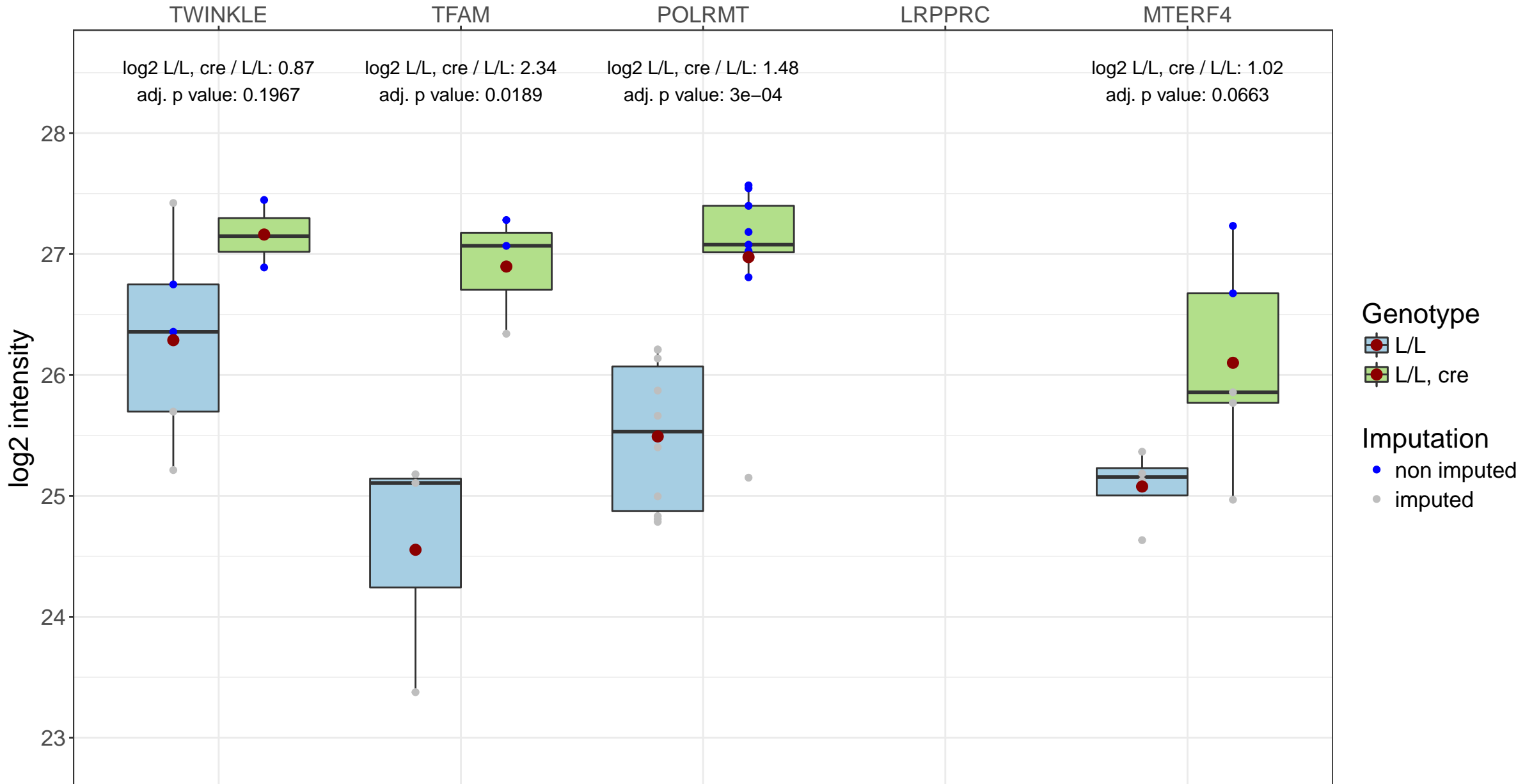
# FGG / Q8VCM7



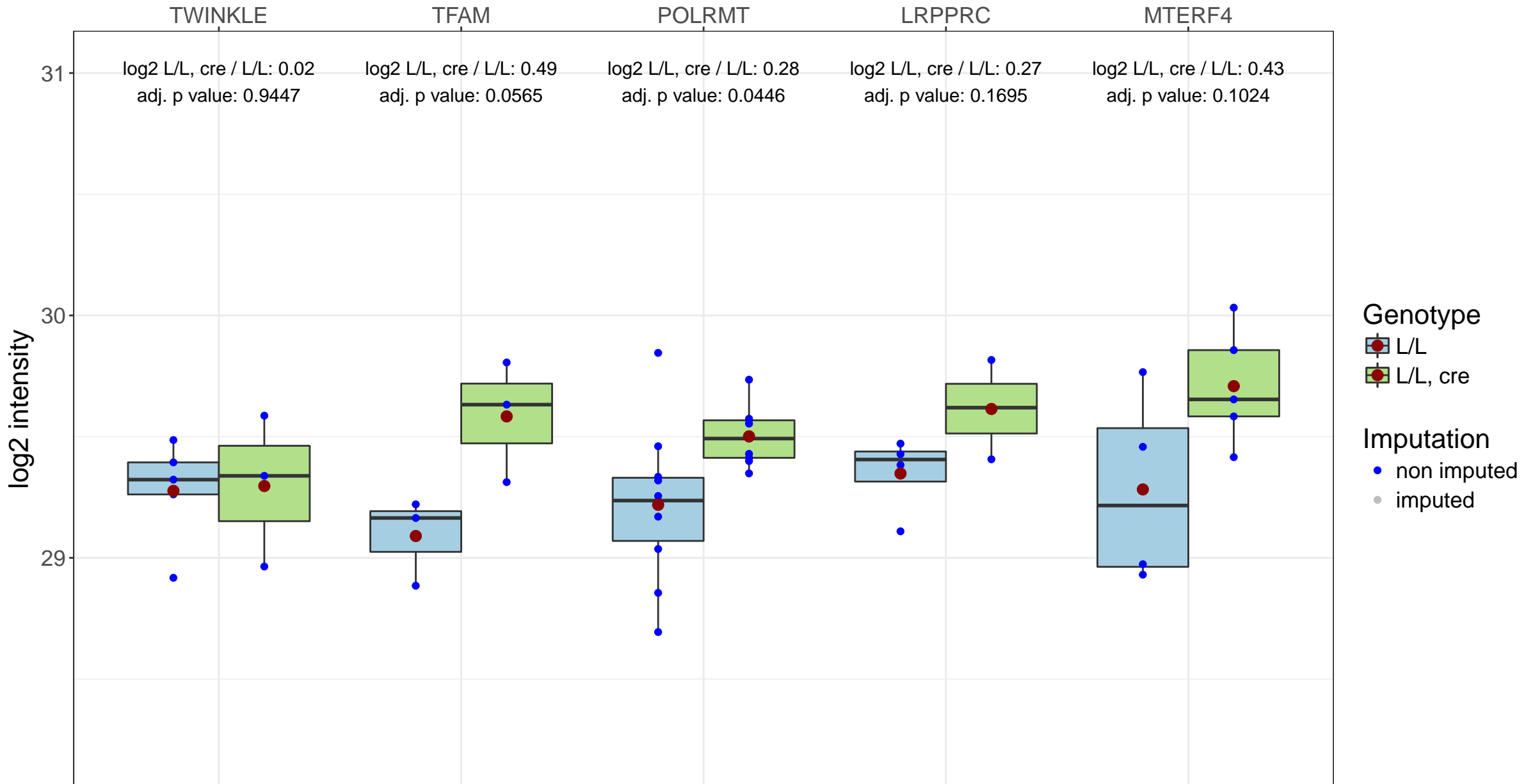
# FH / P97807-2



# FHIT / E9PZ91

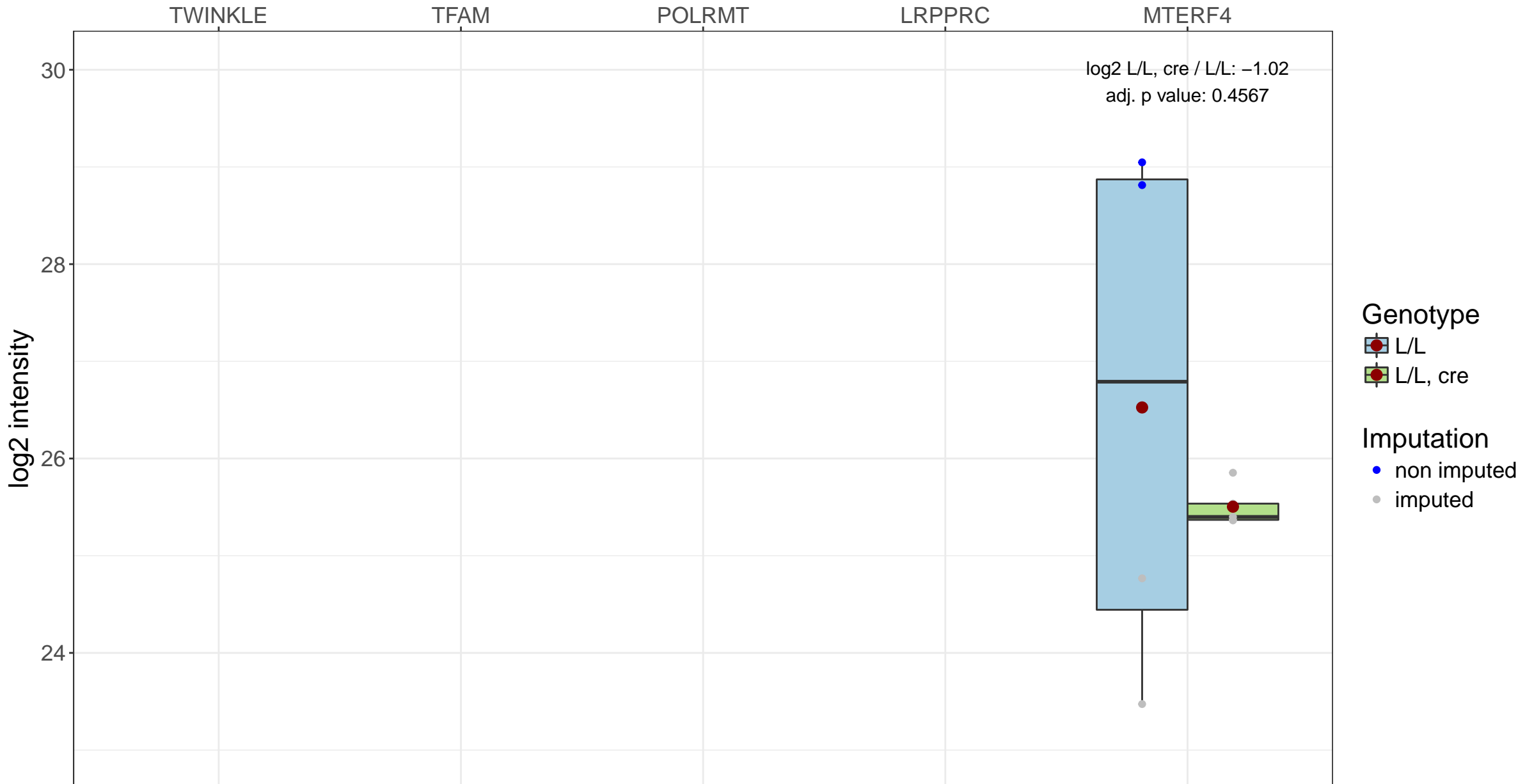


# FIS1 / Q9CQ92

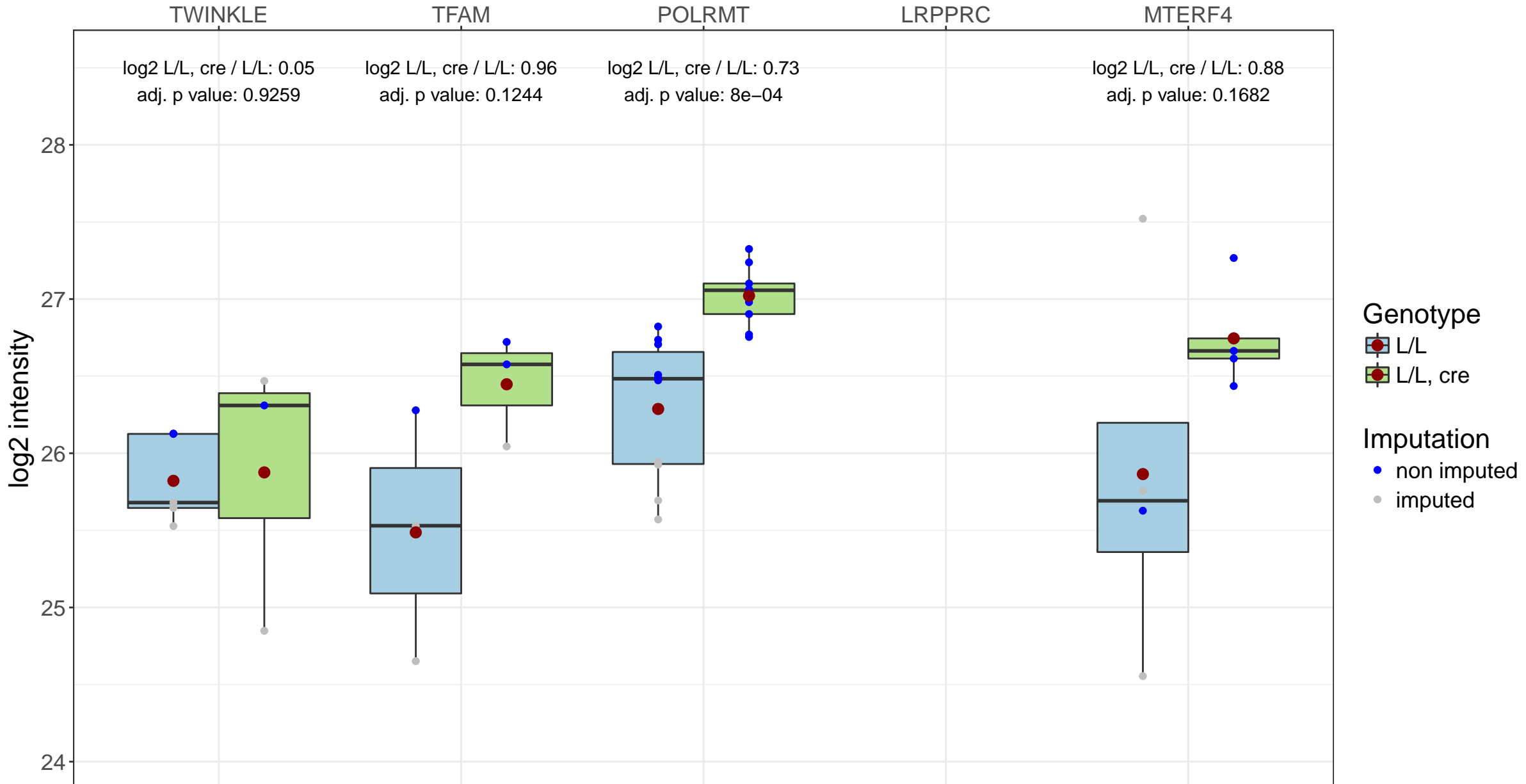




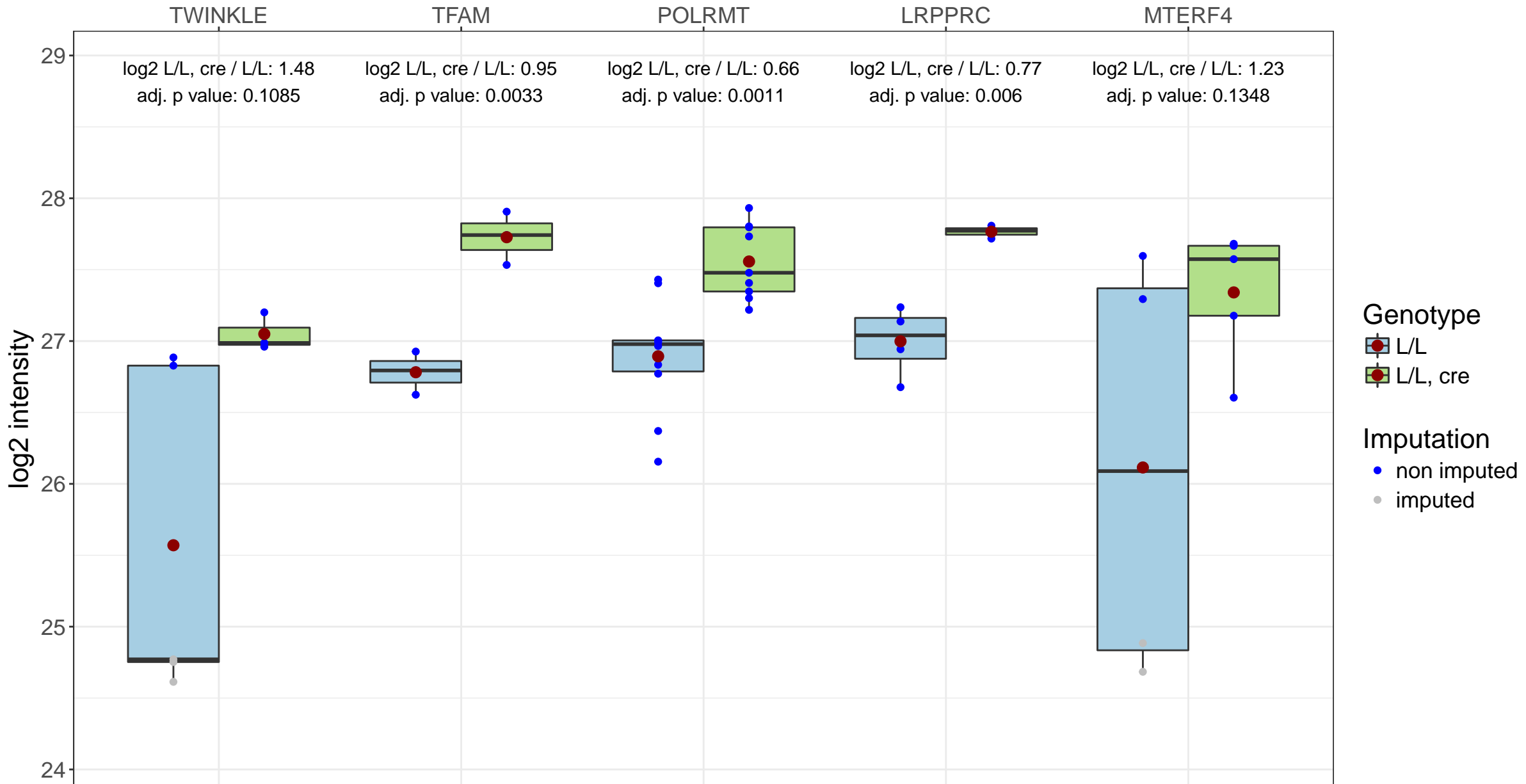
# FKBP3 / Q62446



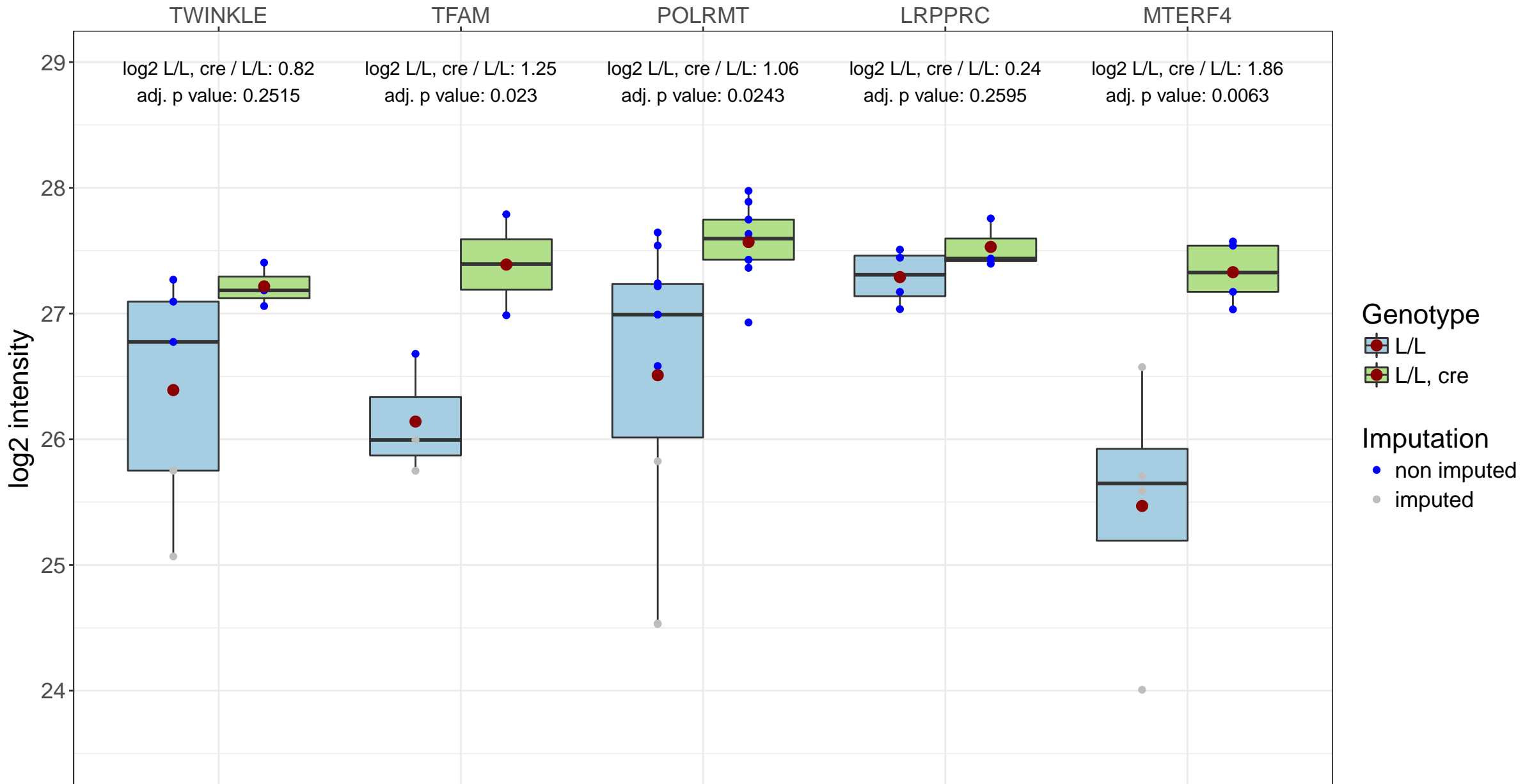
# FKBP8 / O35465-2



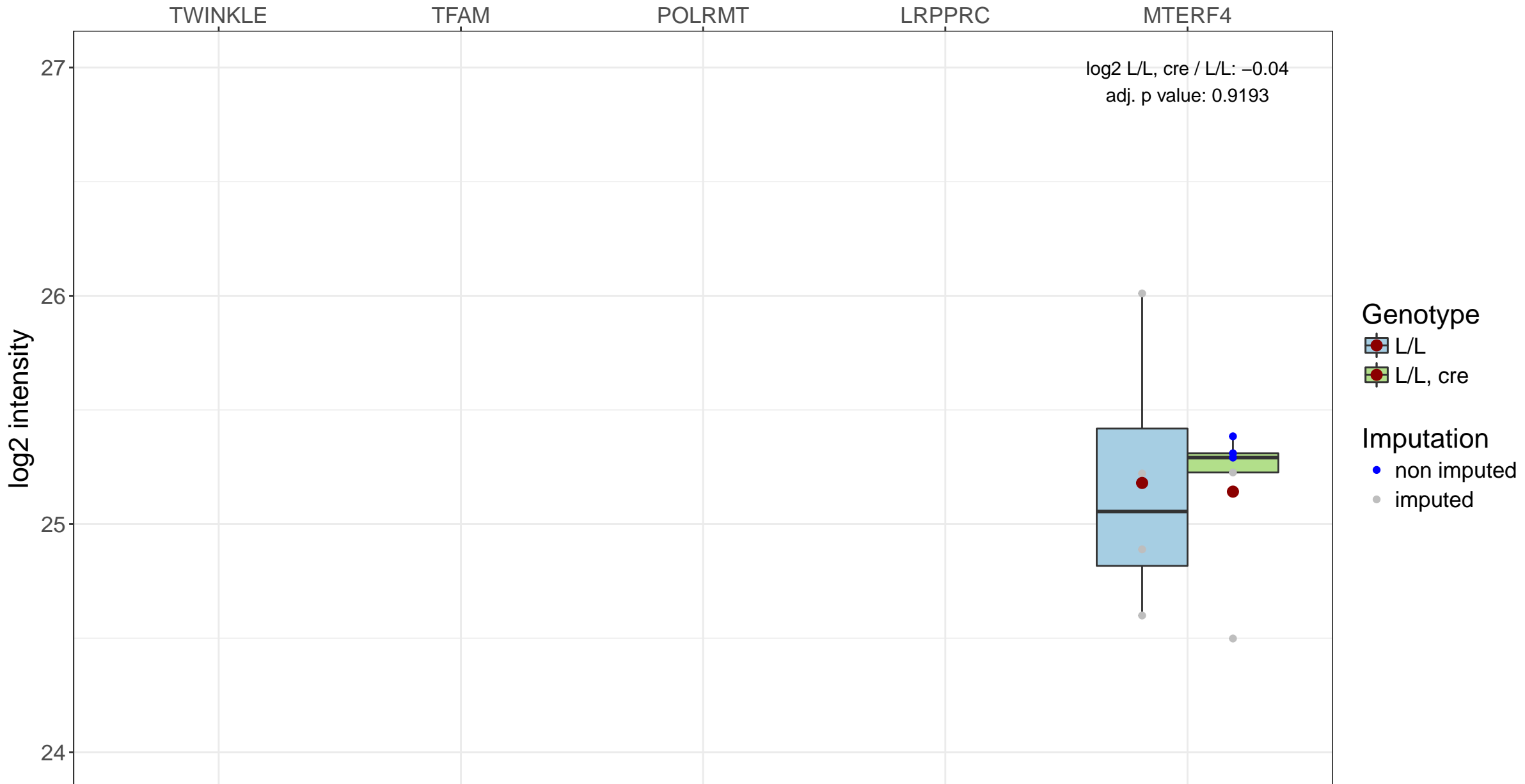
# FLAD1 / Q8R123



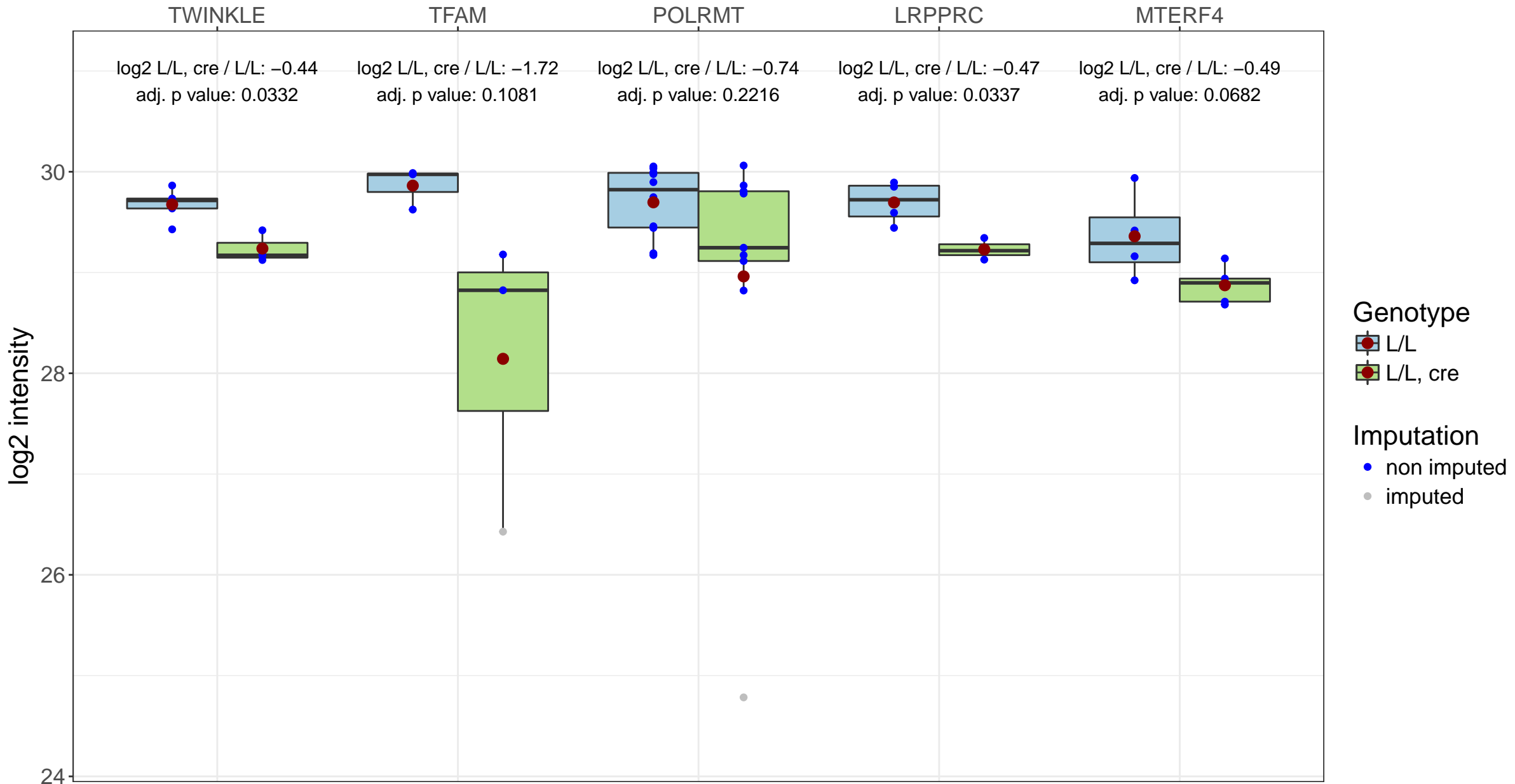
# FOXRED1 / Q3TQB2



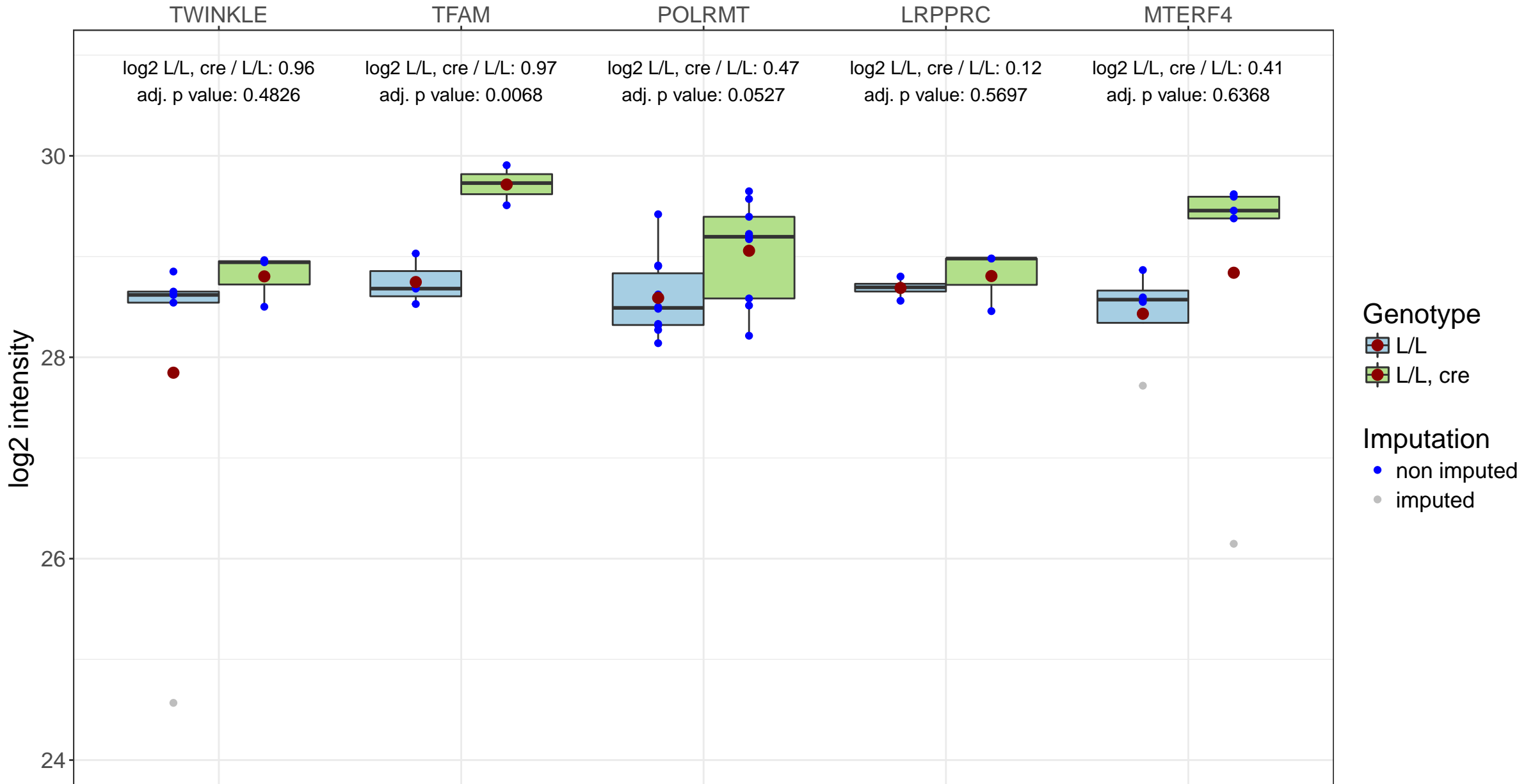
# FTSJ2 / Q9CPY0



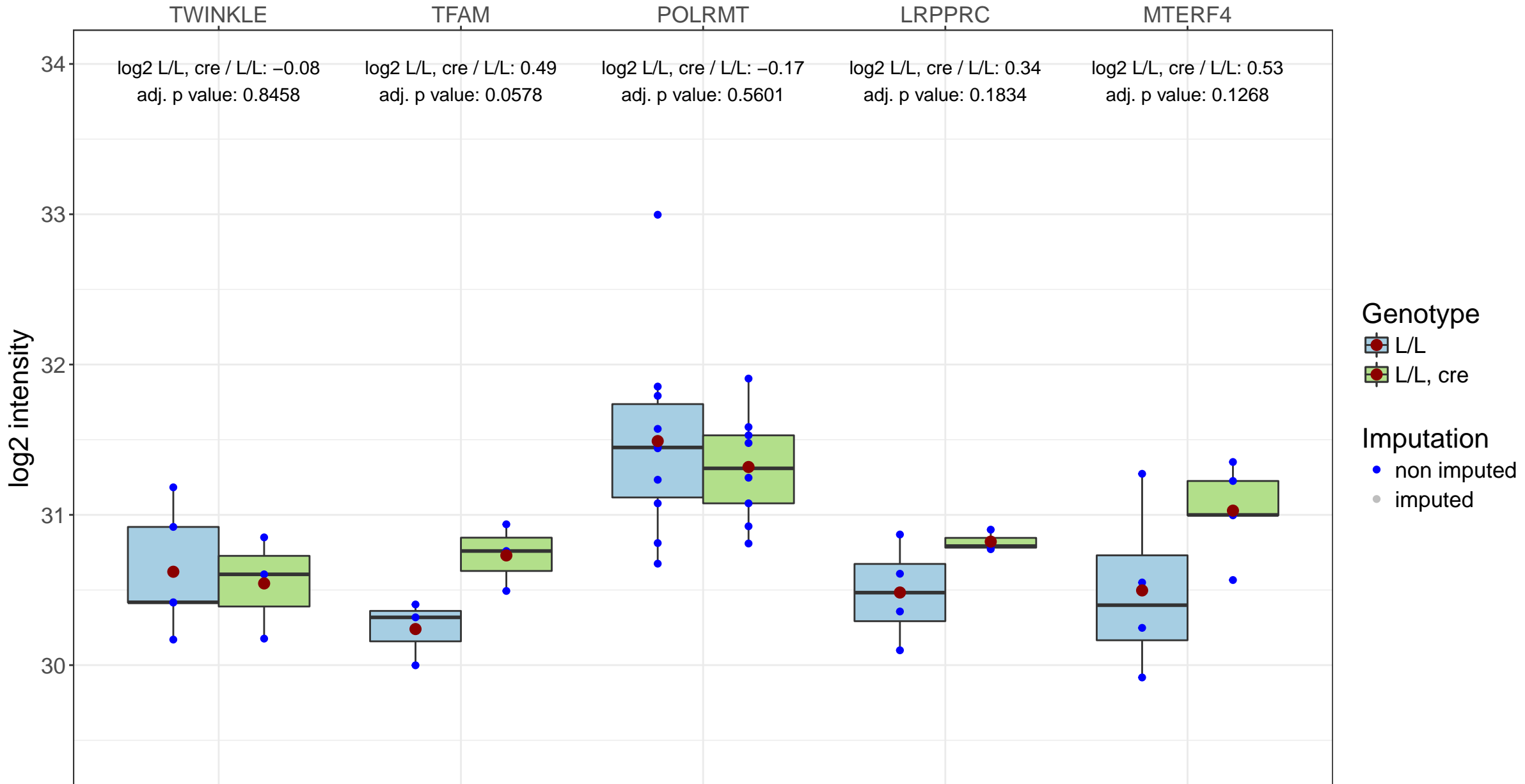
# FUNDC2 / Q9D6K8



# FXN / O35943

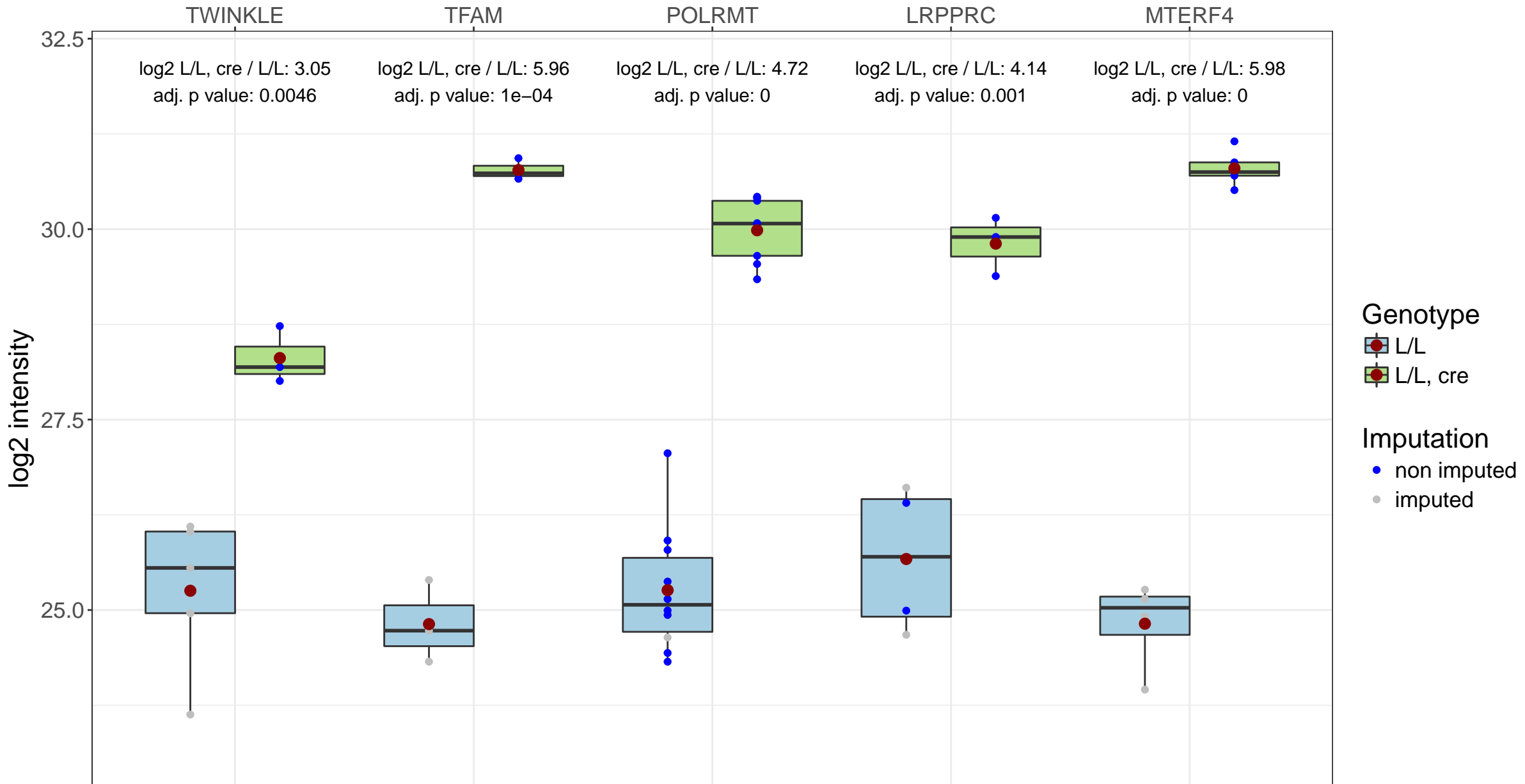


# GAPDH / P16858

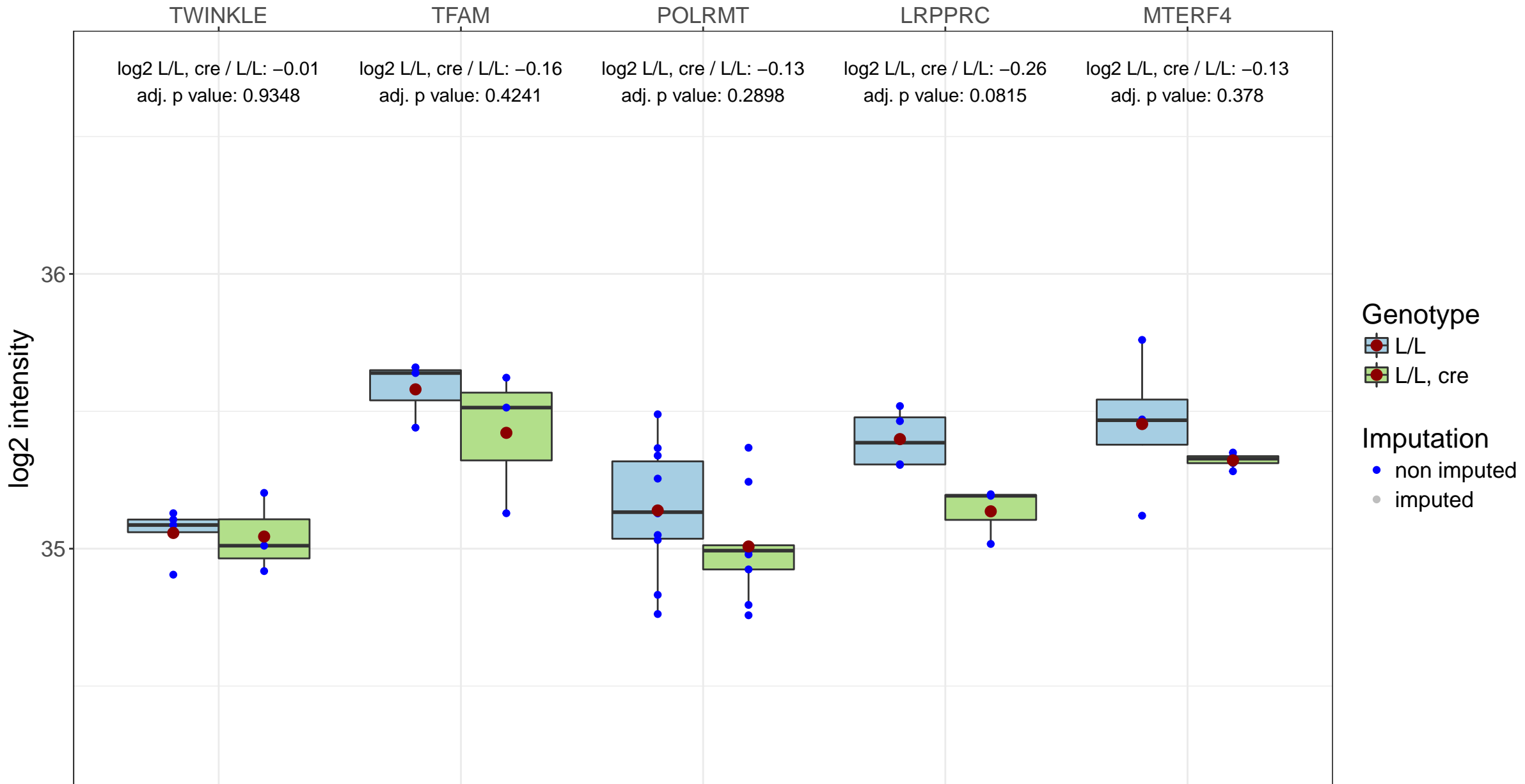




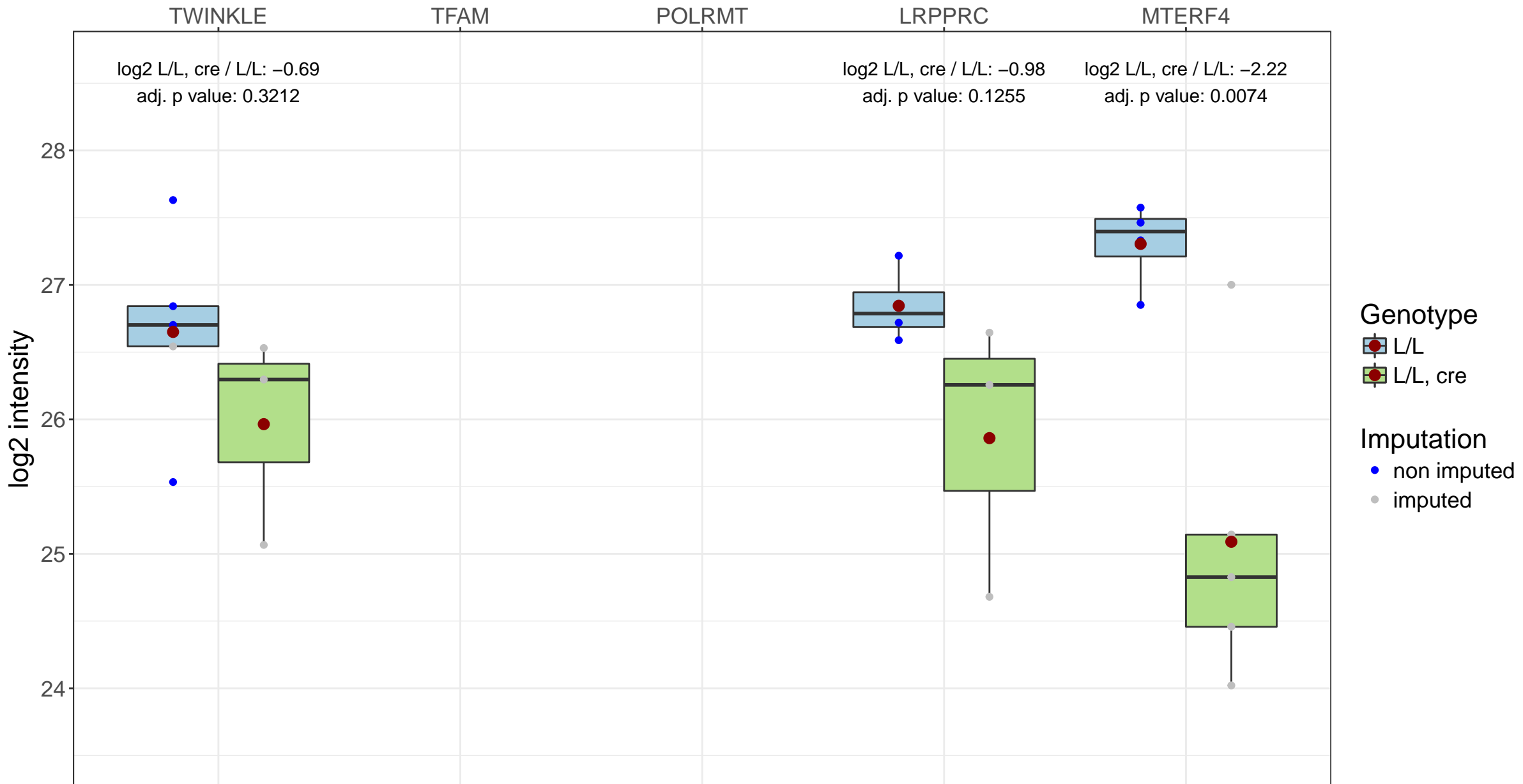
# GARS / Q9CZD3



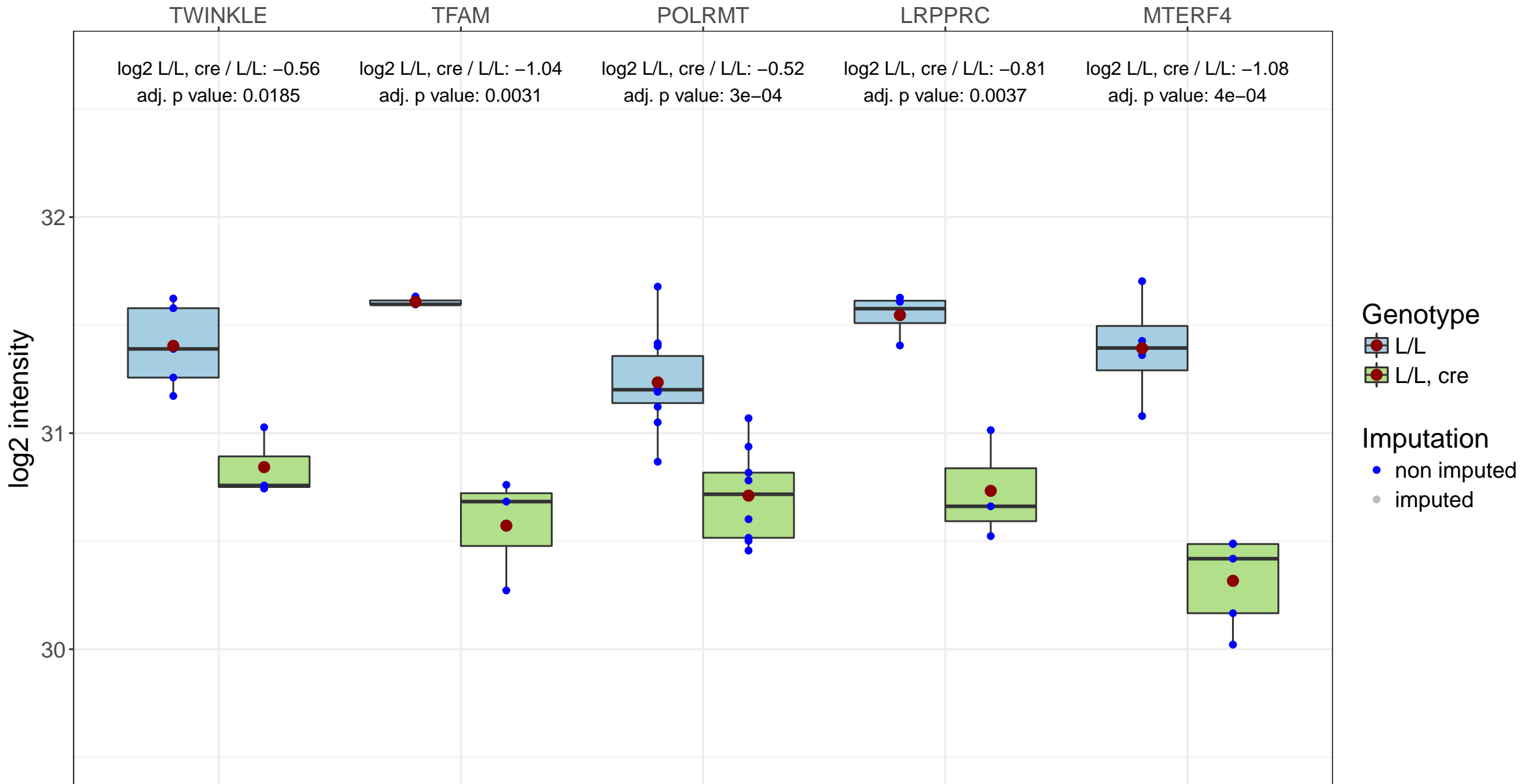
# GBAS / Q7TMG8



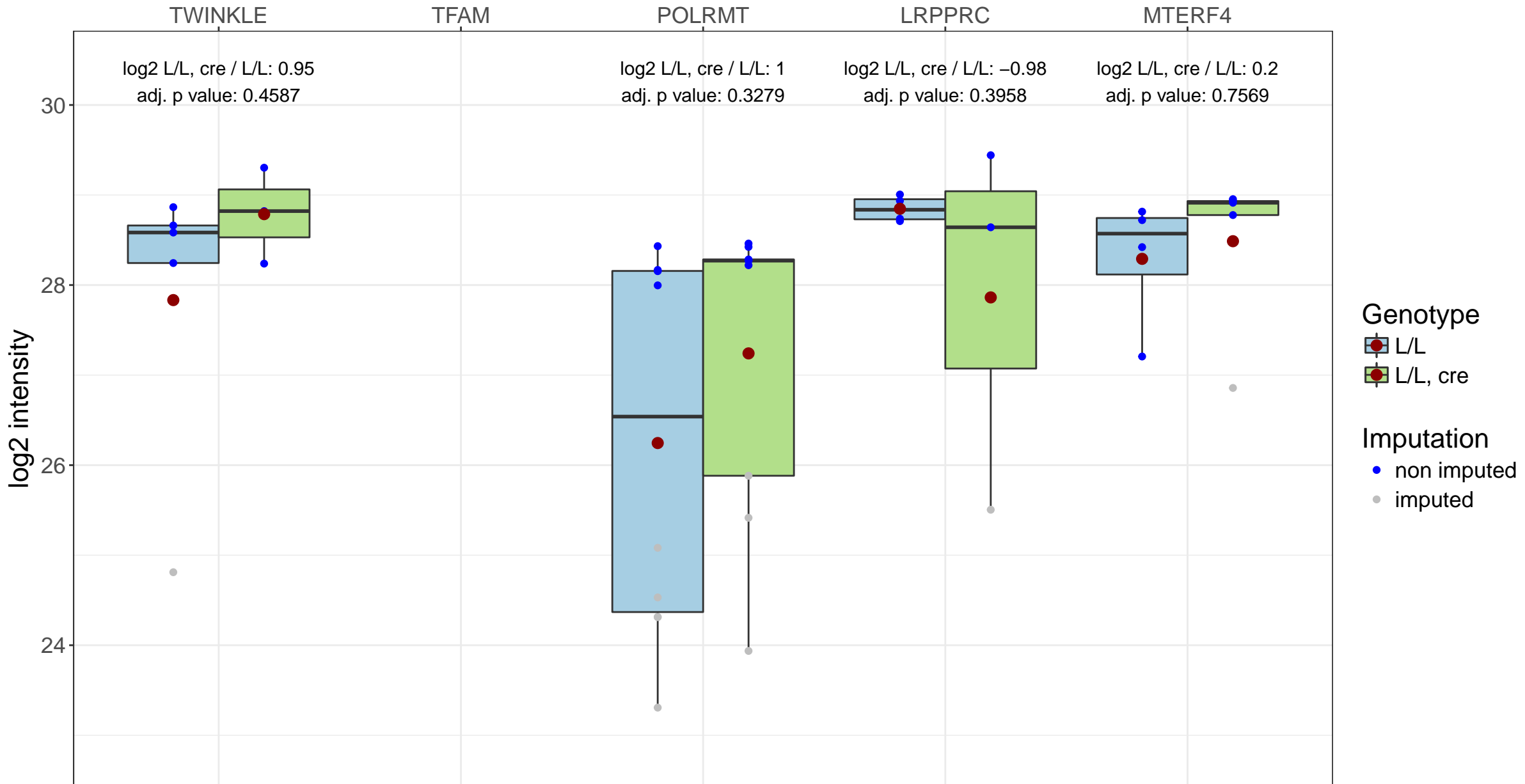
# GCAT / O88986



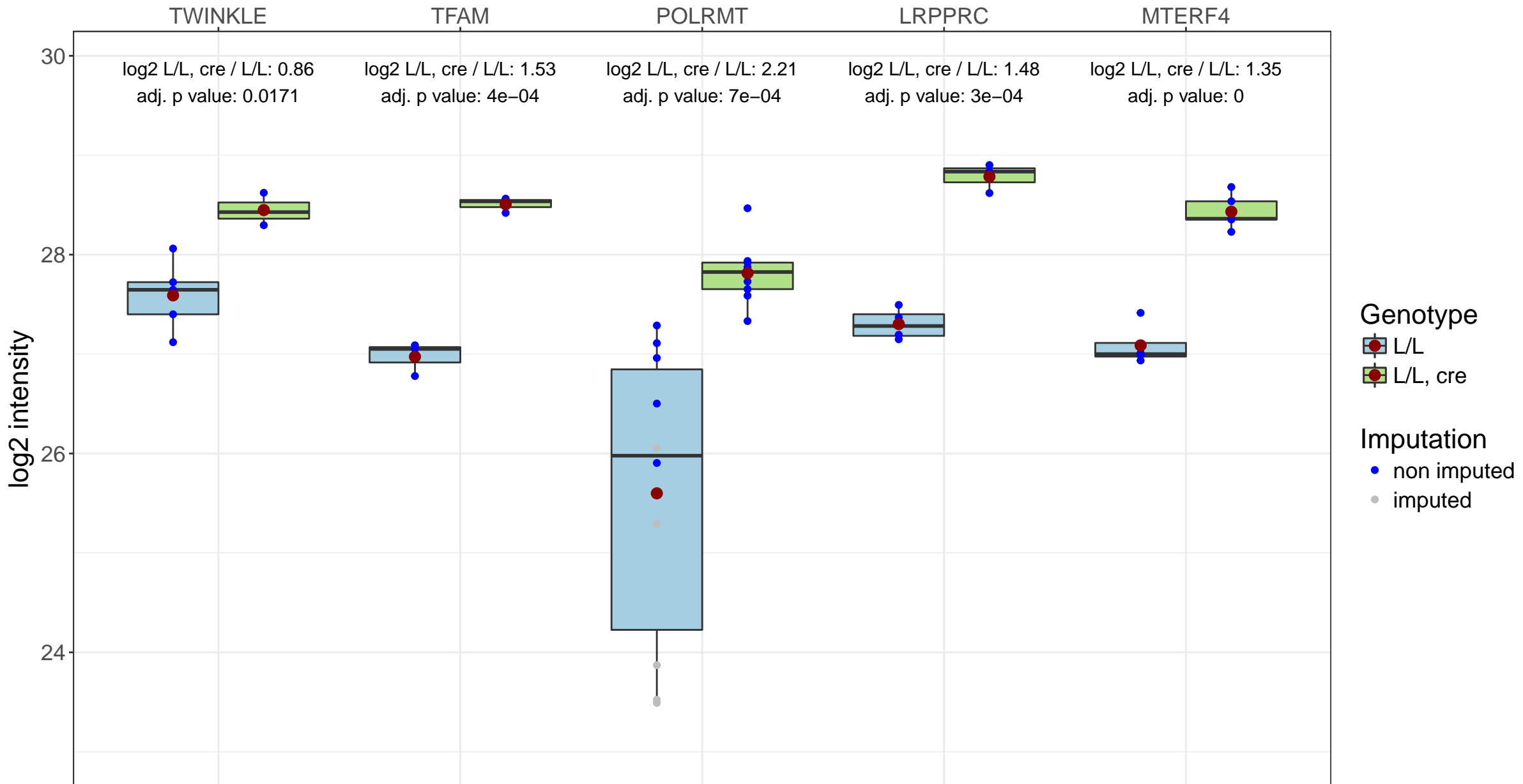
# GCDH / Q60759



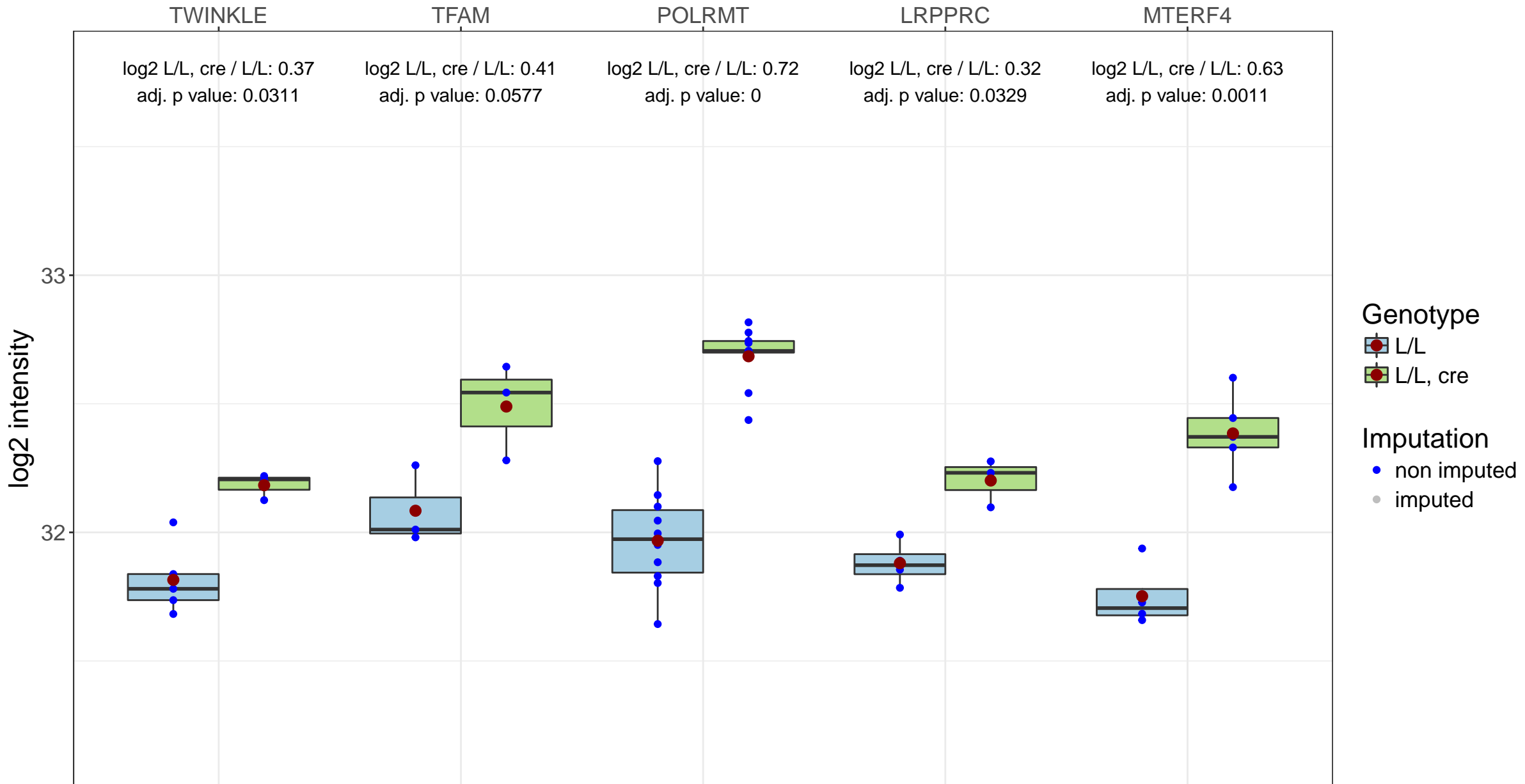
# GCSH / Q91WK5



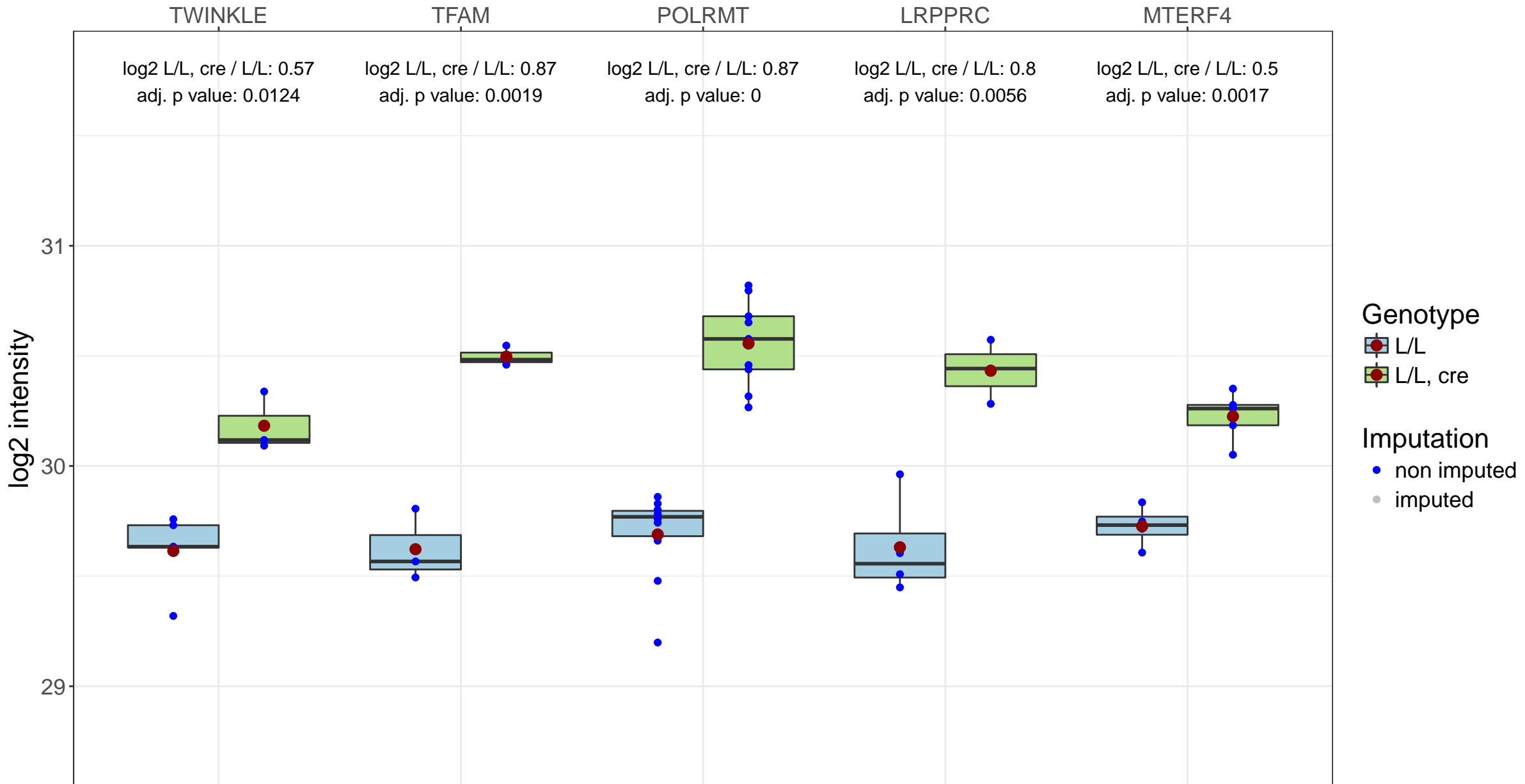
# GFER / P56213



# GFM1 / Q8K0D5

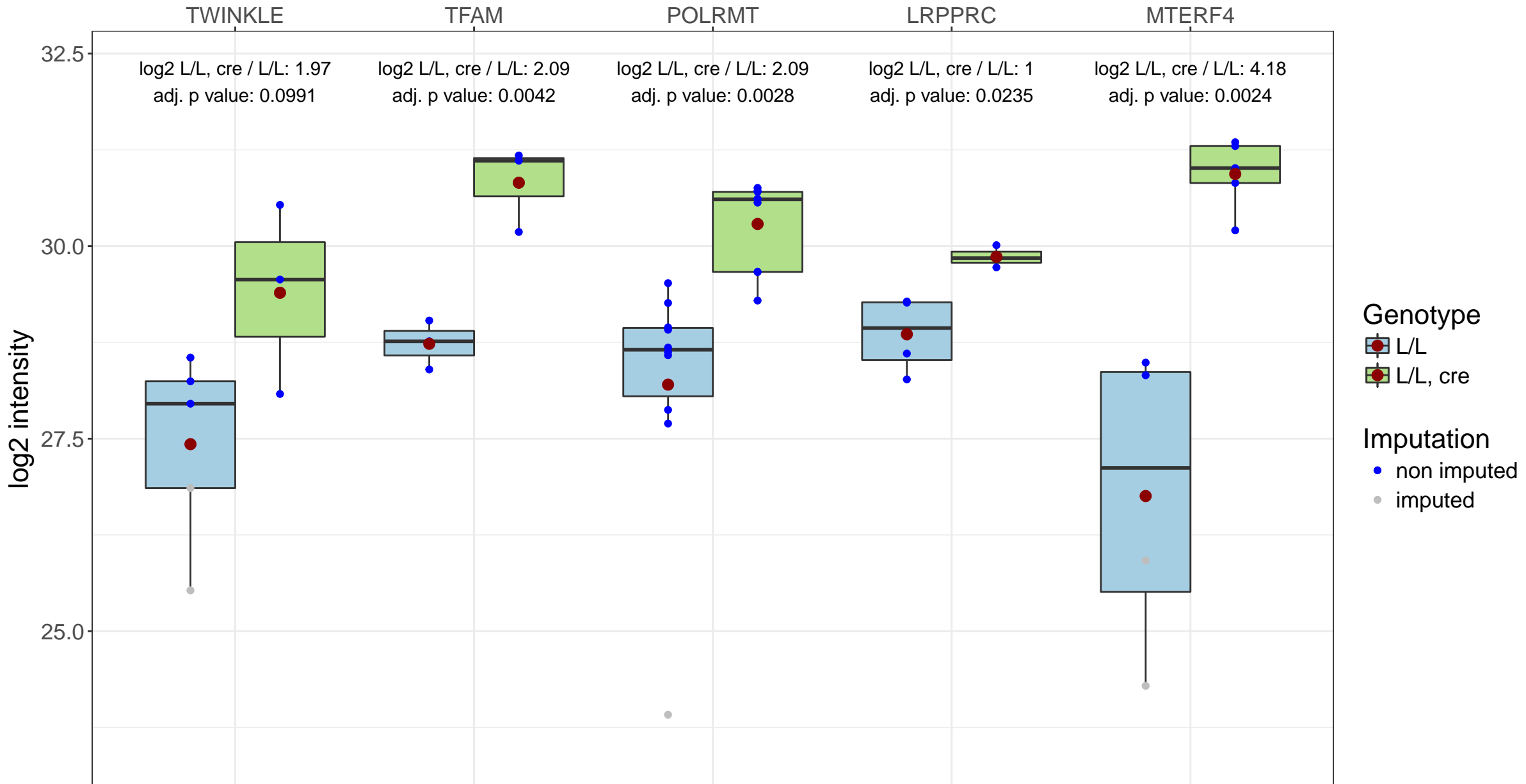


# GFM2 / Q8R2Q4-2

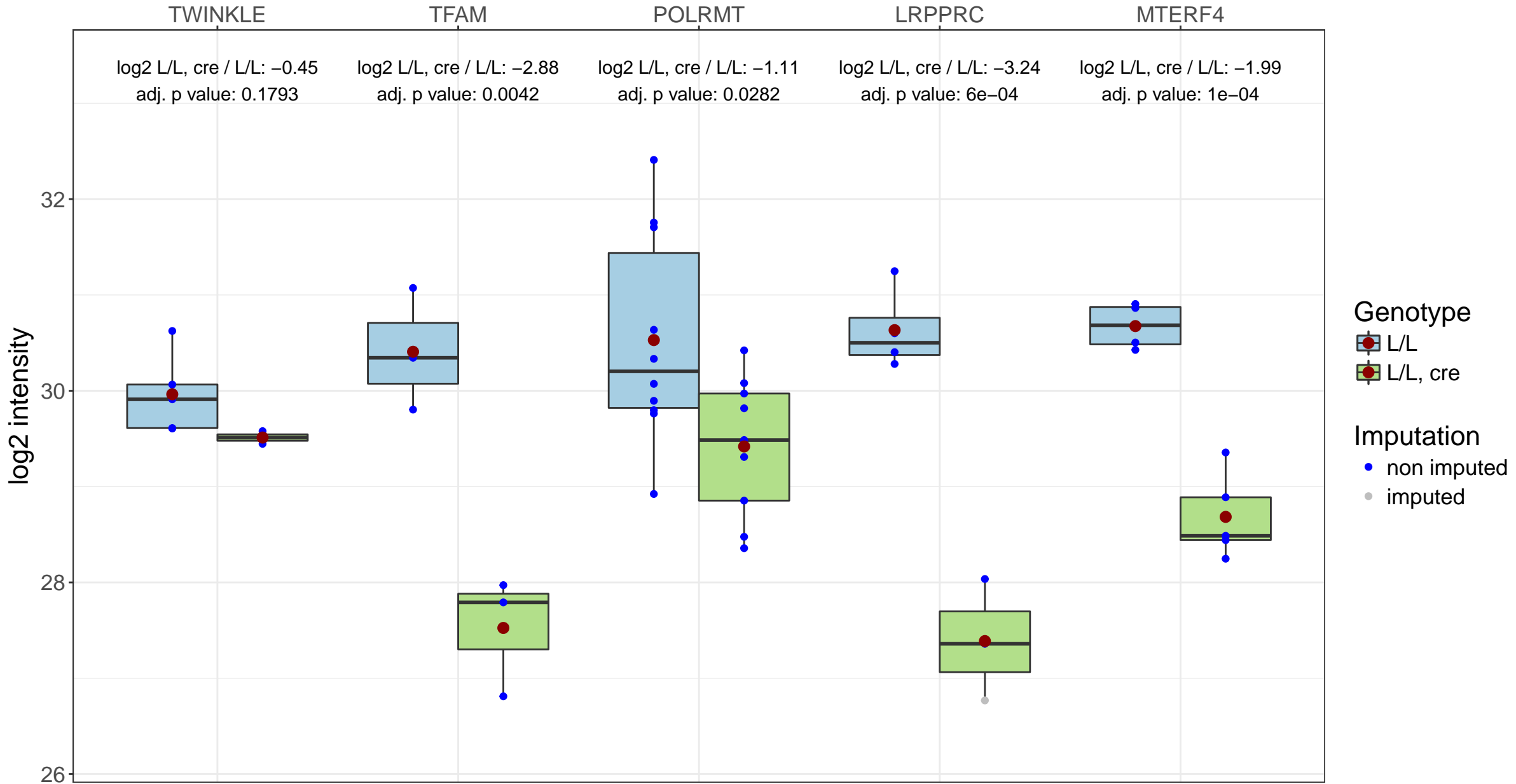




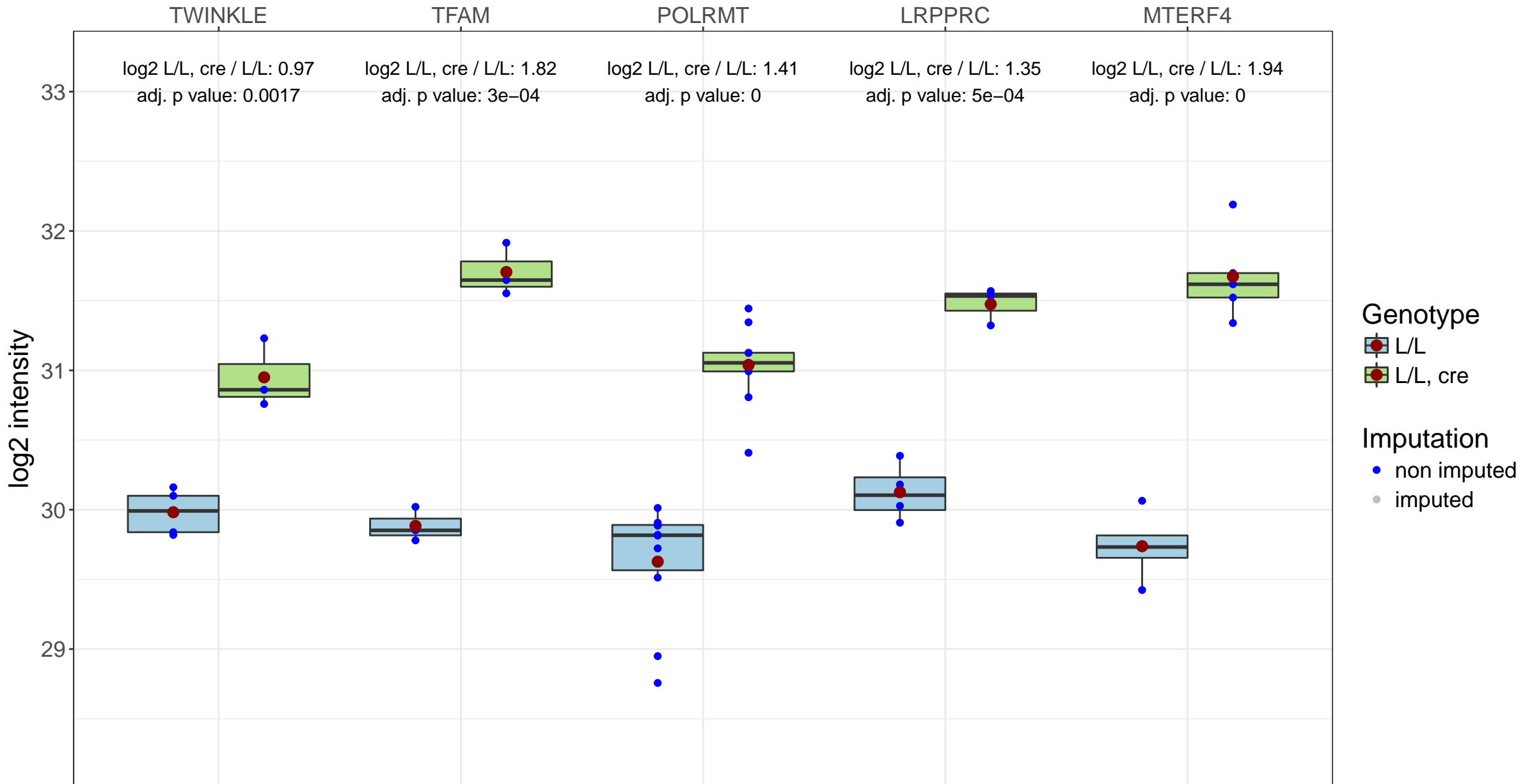
# GHITM / Q91VC9



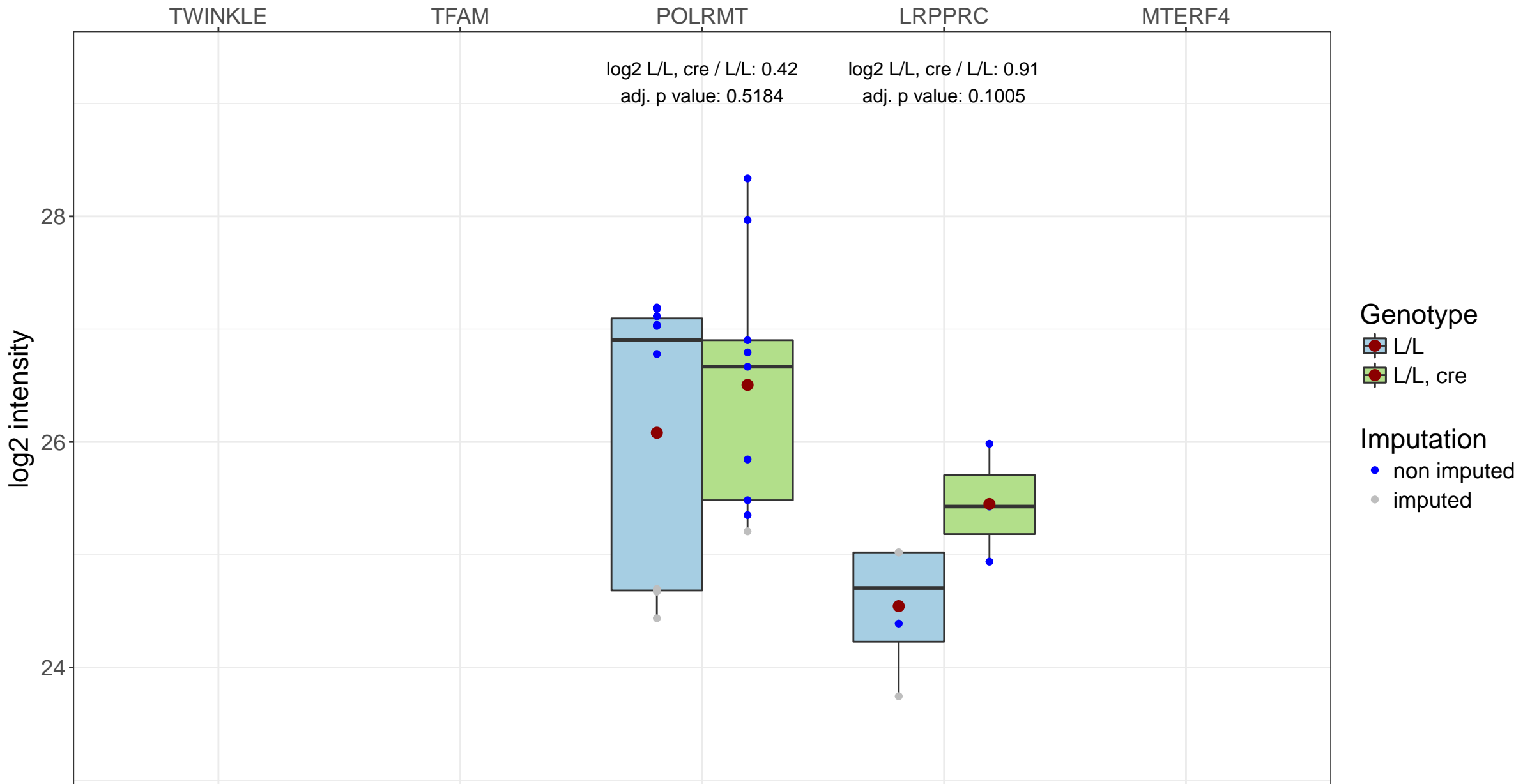
# GJA1 / P23242



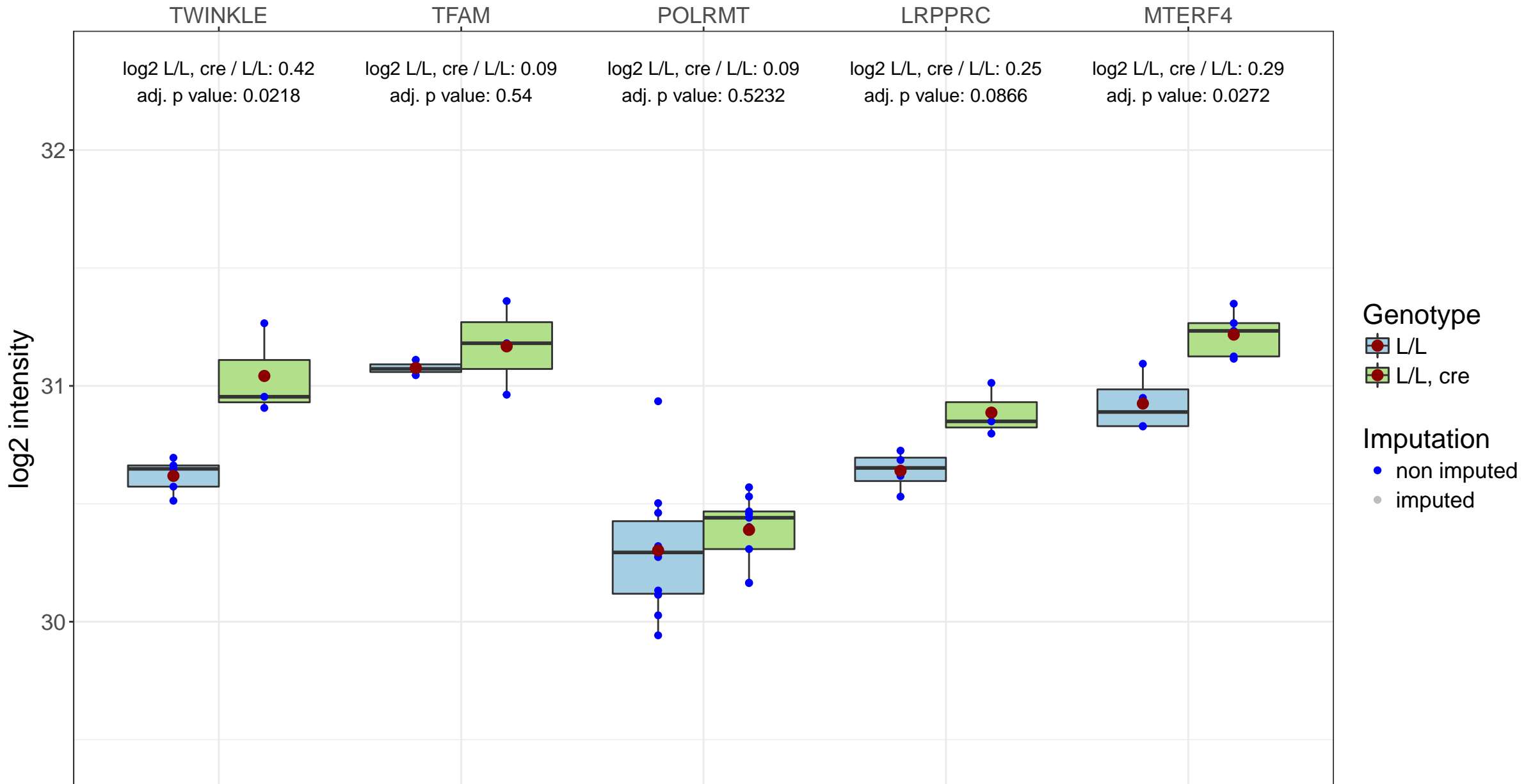
# GK / Q64516-1



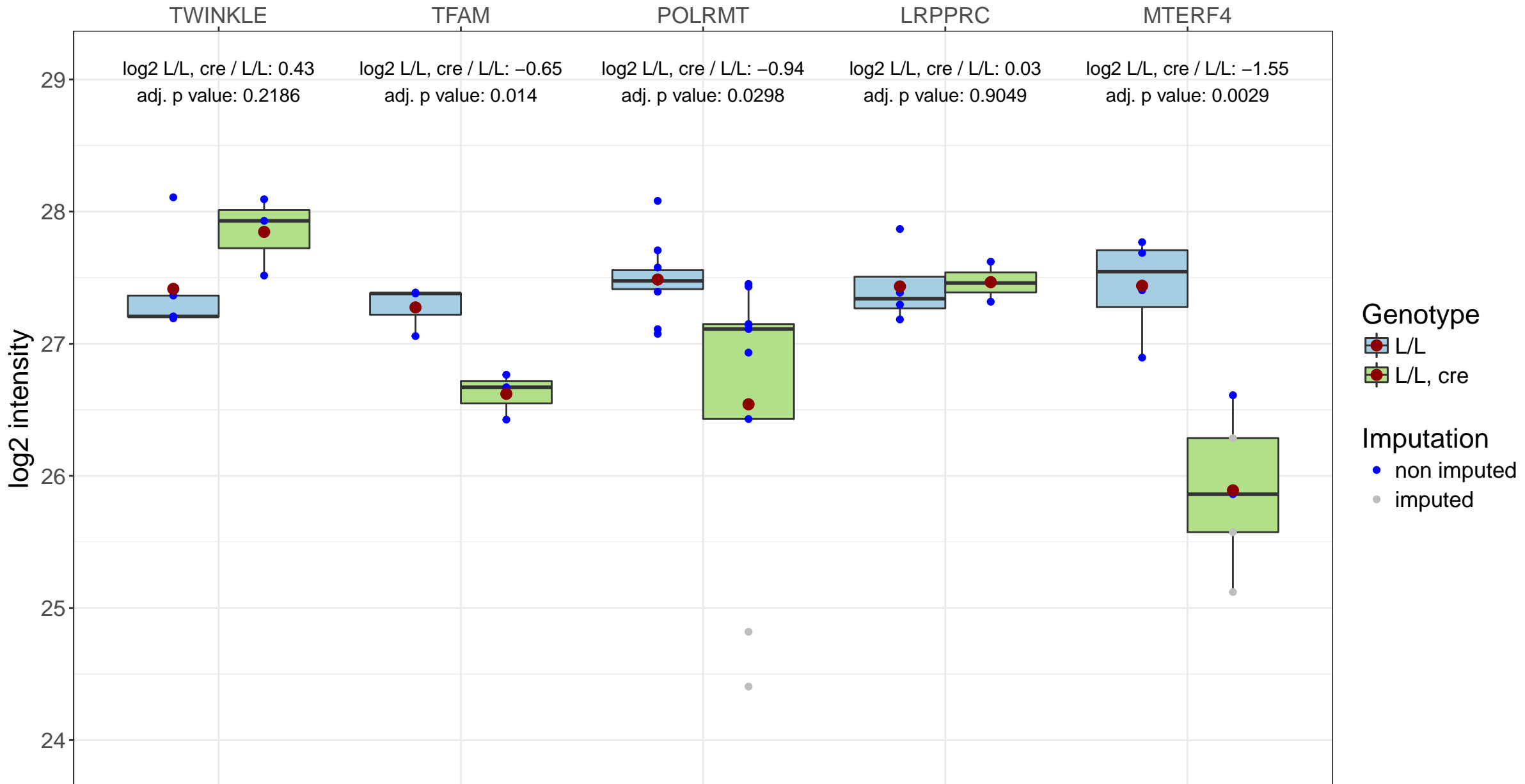
# GLG1 / F8WHM5



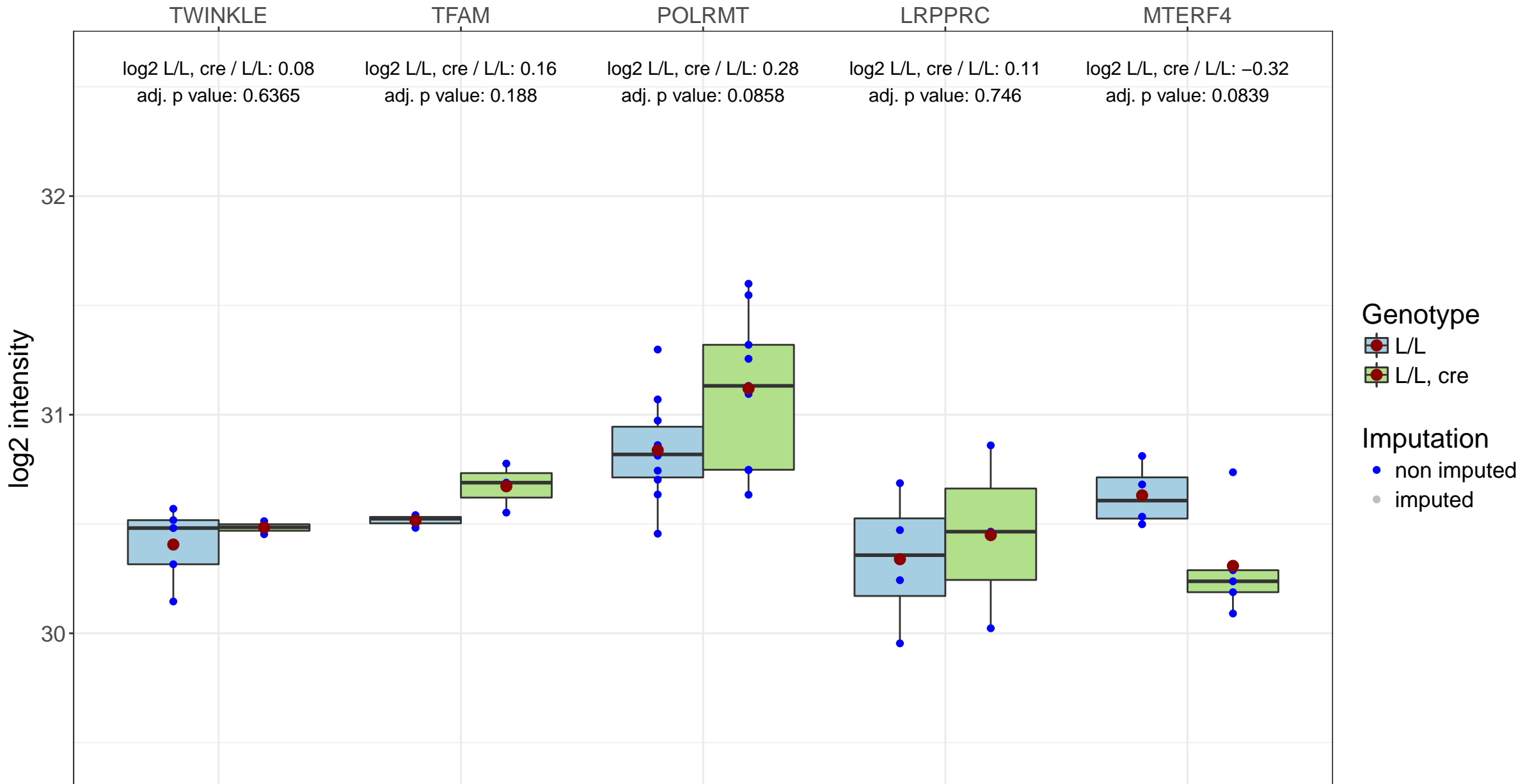
# GLOD4 / Q9CPV4



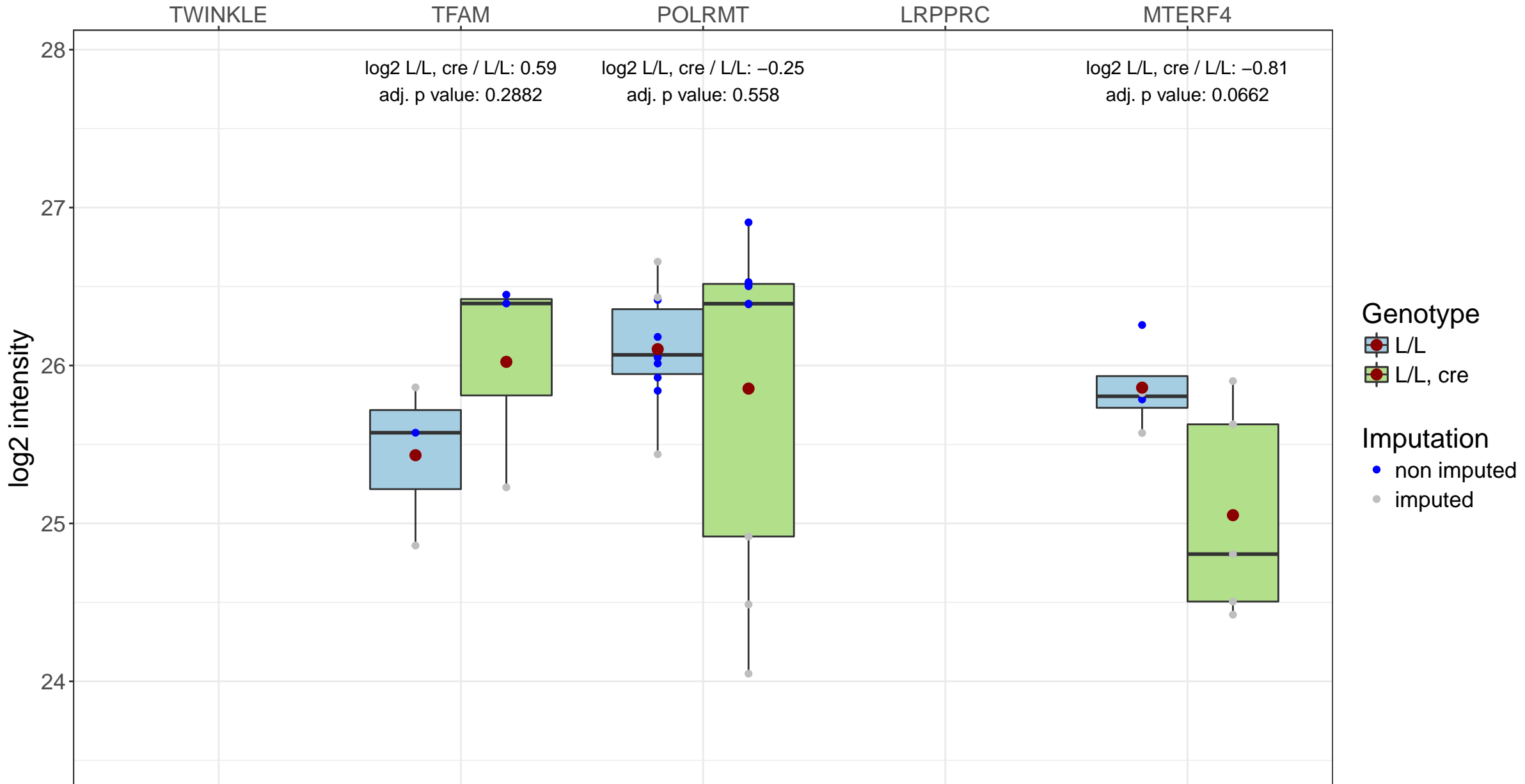
# GLRX2 / Q923X4-2



# GLRX5 / Q80Y14

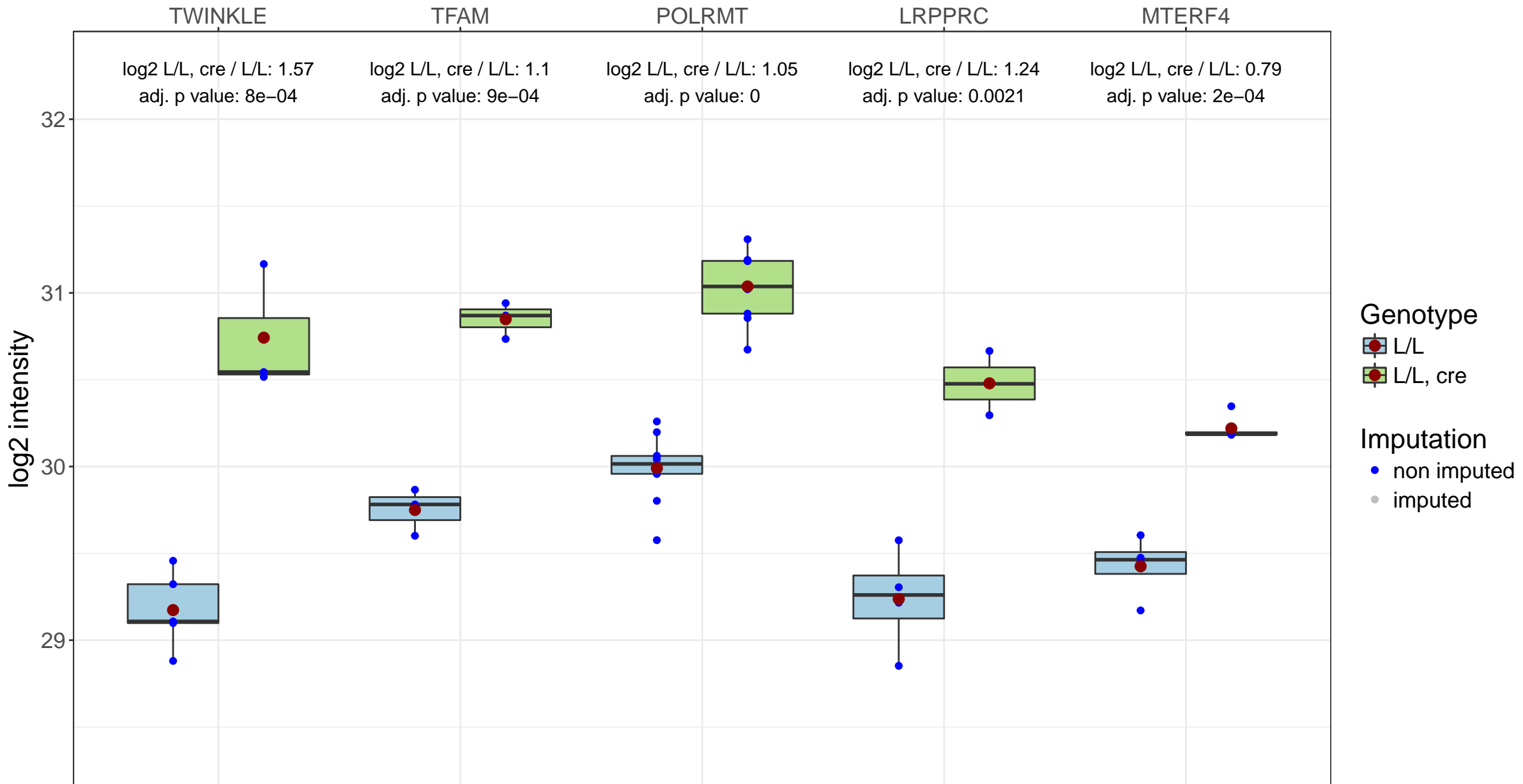


# GLS / D3Z7P3-2

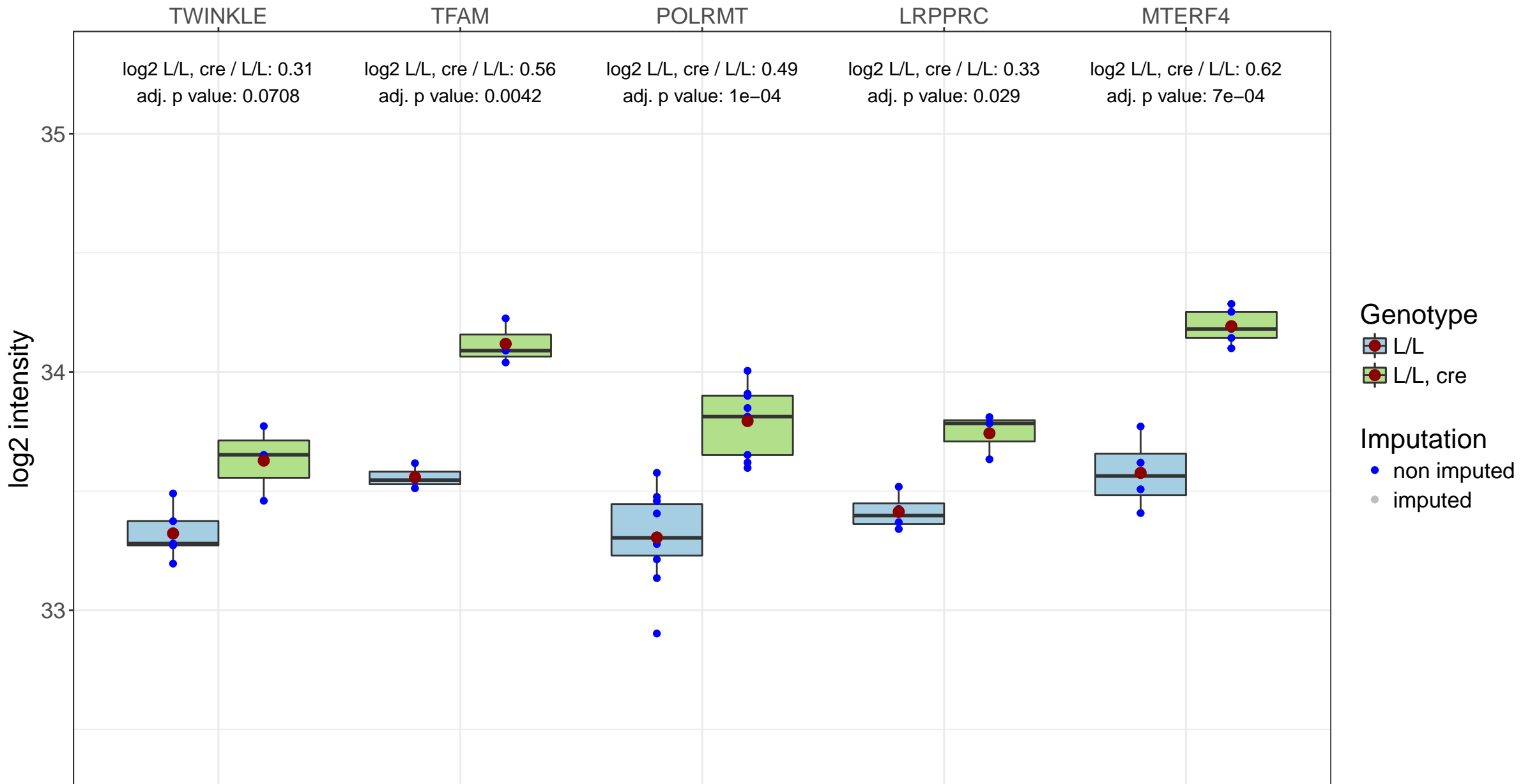




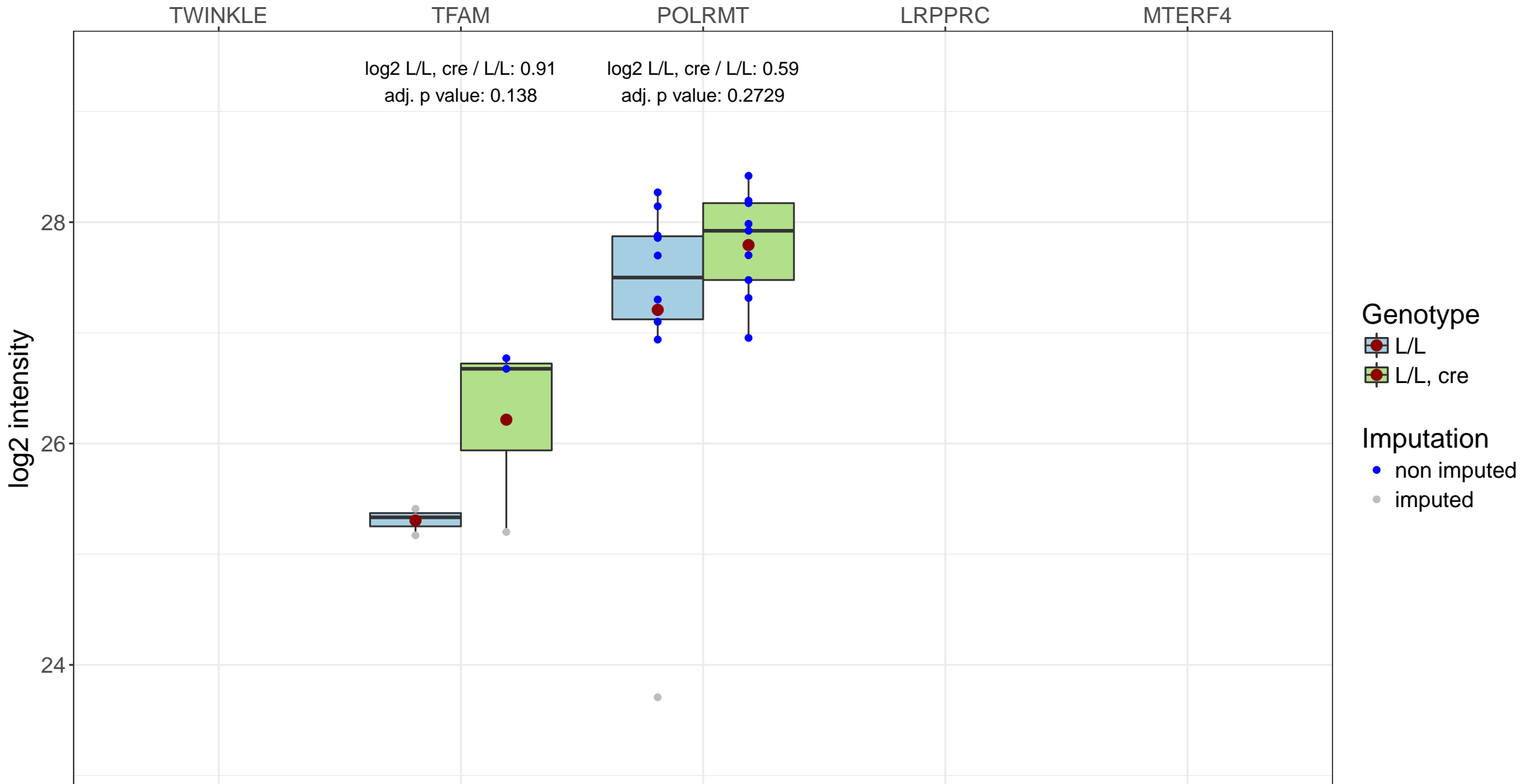
# GLS / D3Z7P3



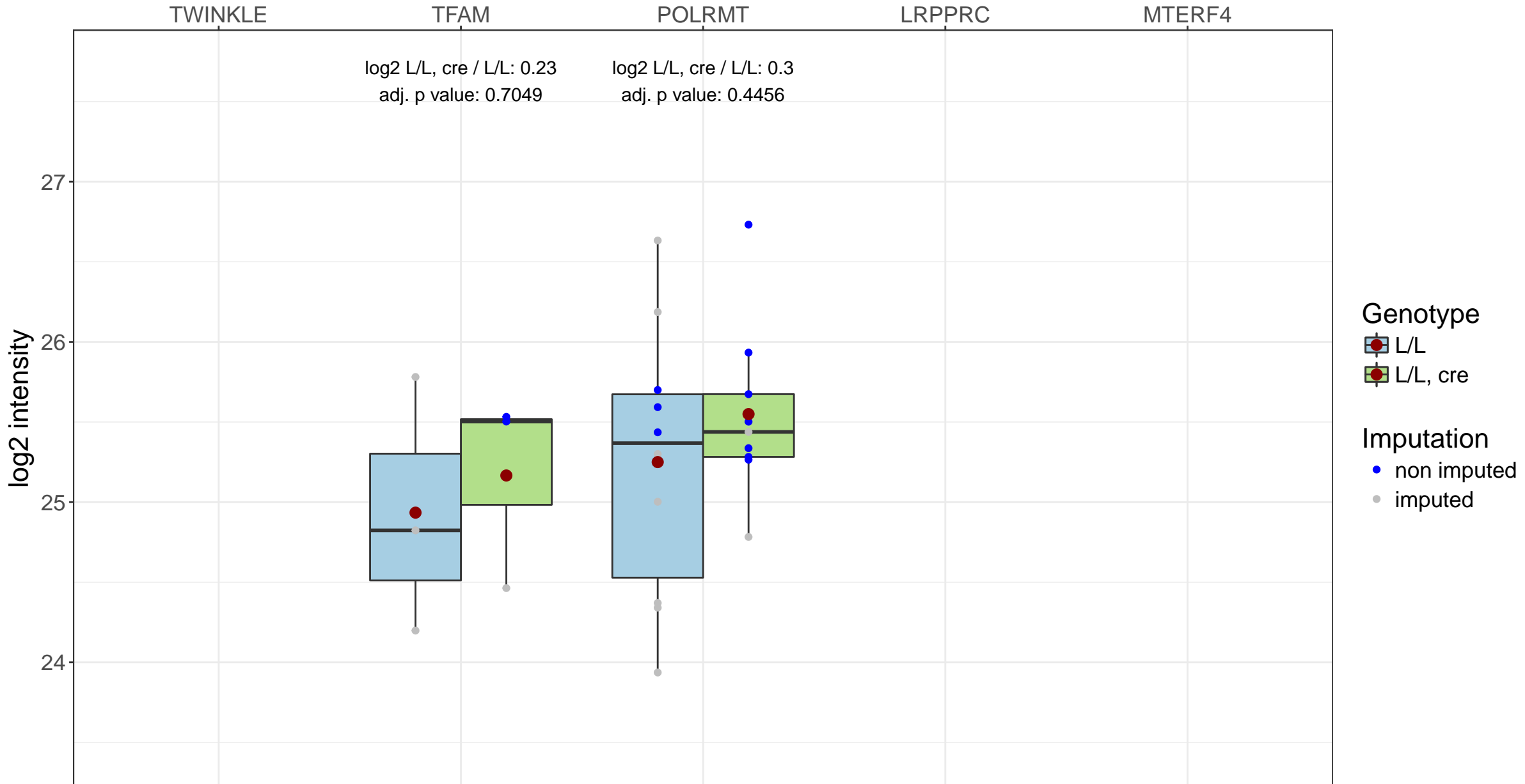
# GLUD1 / P26443



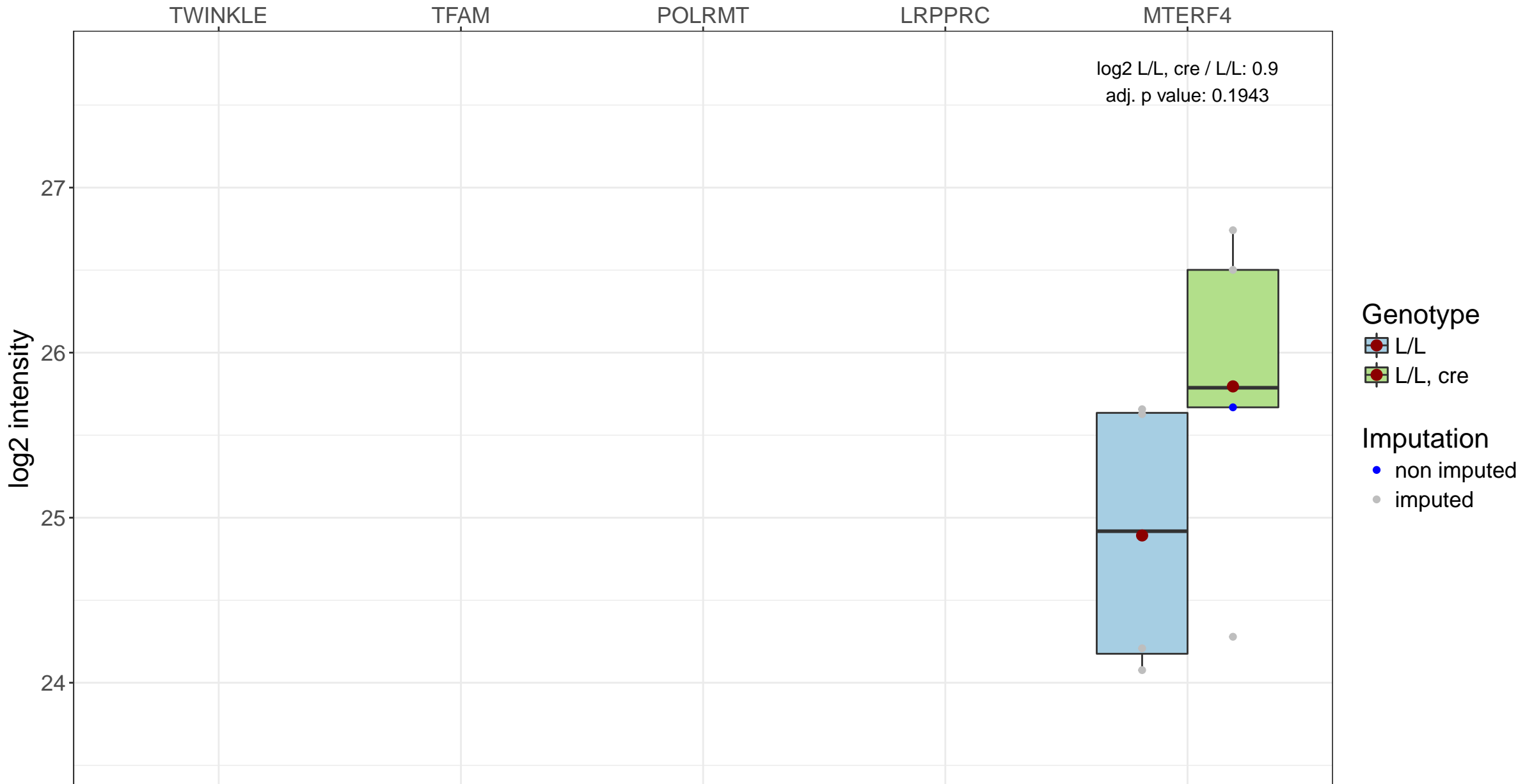
# GM10020 / E9QAZ2



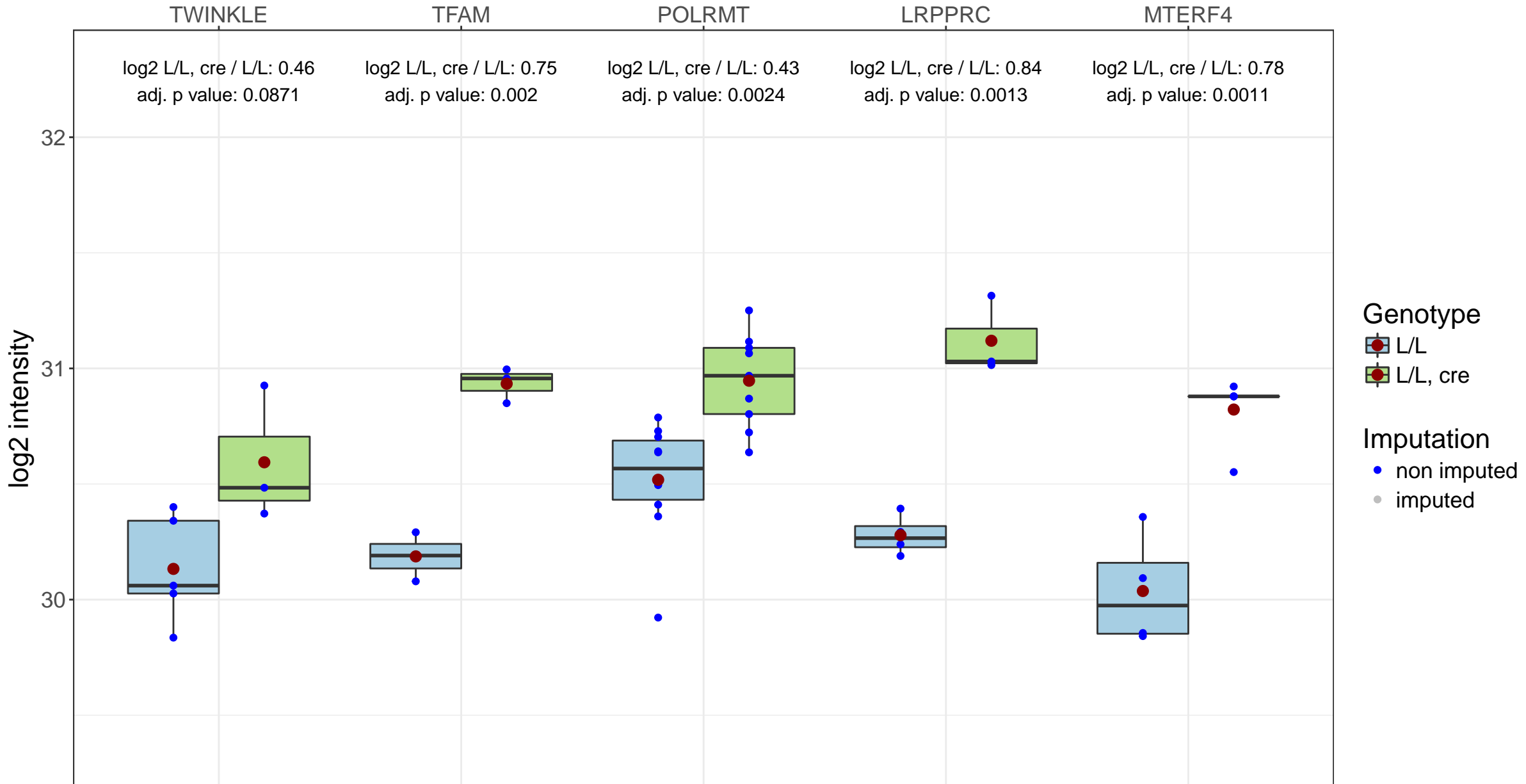
# GM10260 / F6YVP7



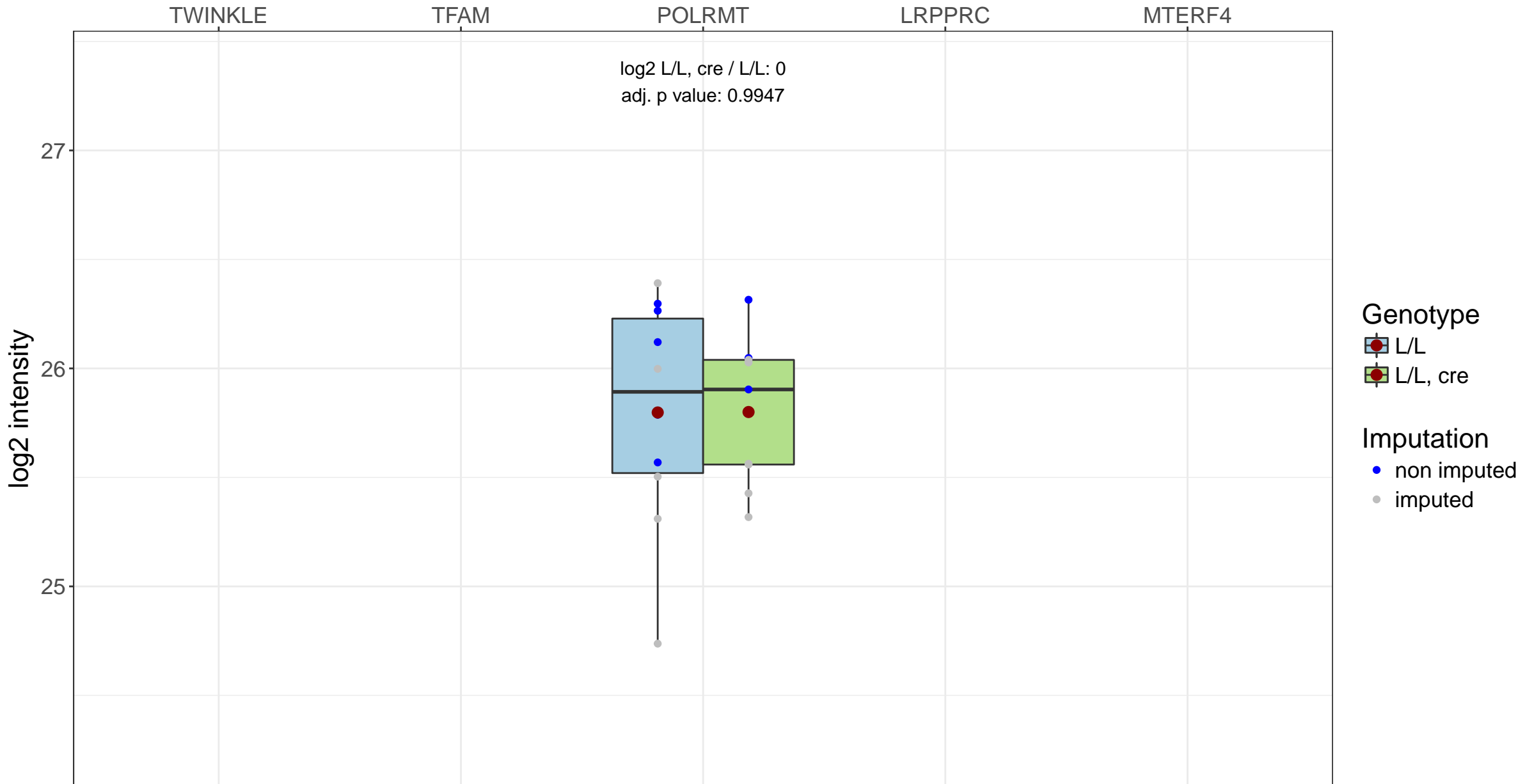
# GM1818 / E9Q4A5



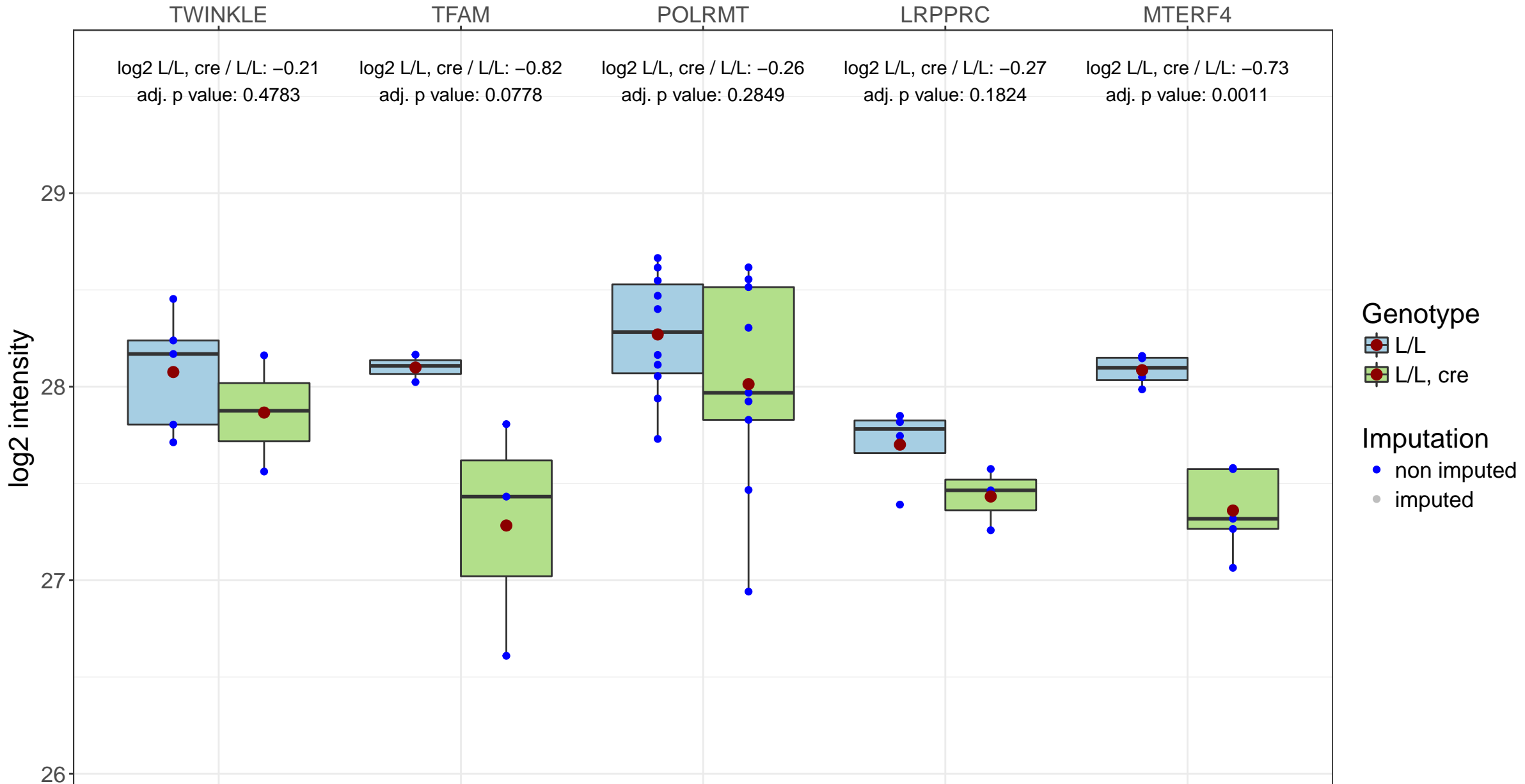
# GM20390 / E9PZF0



# GM20425 / E9Q035

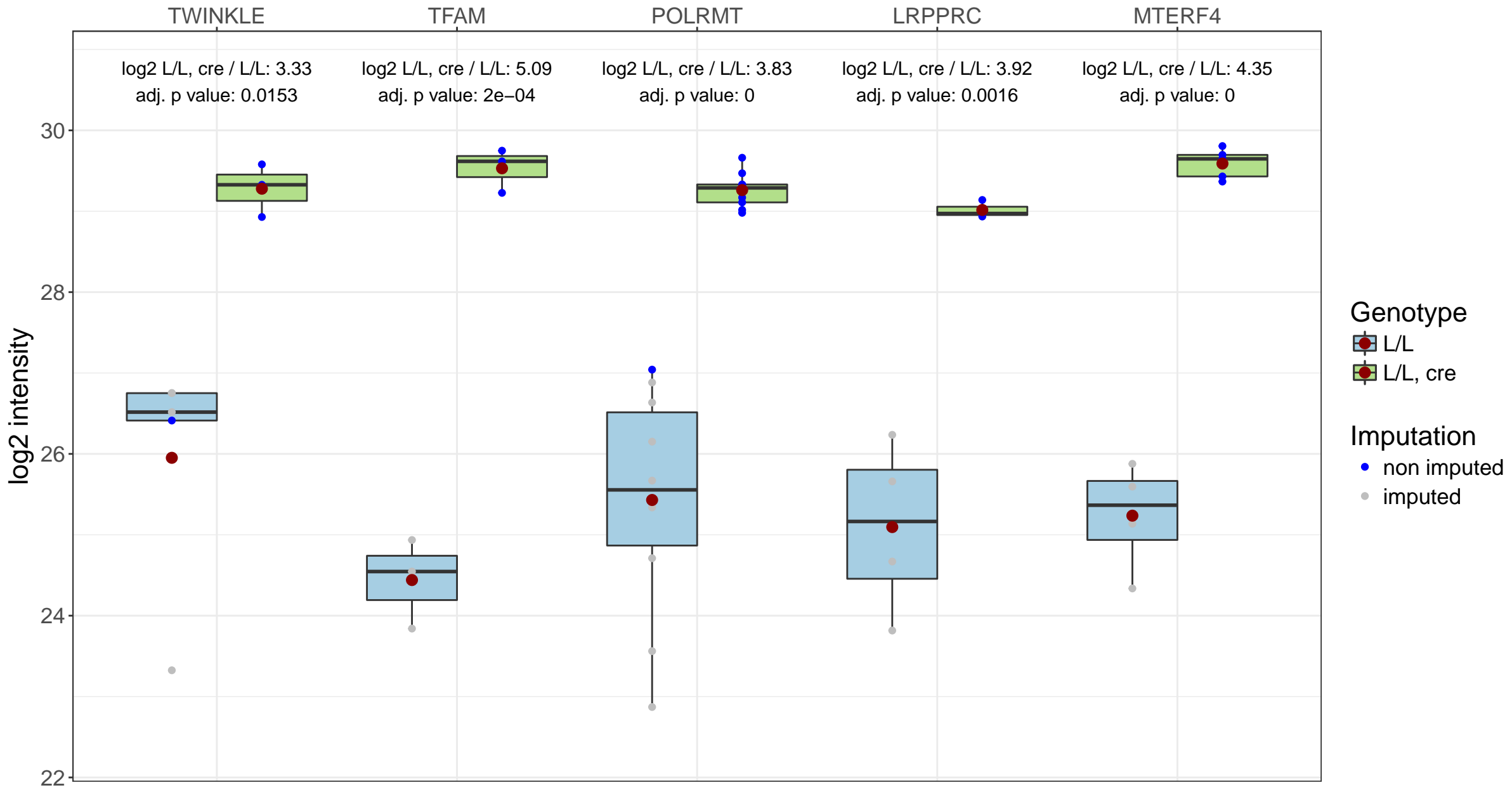


# GM20498 / E9PVN6

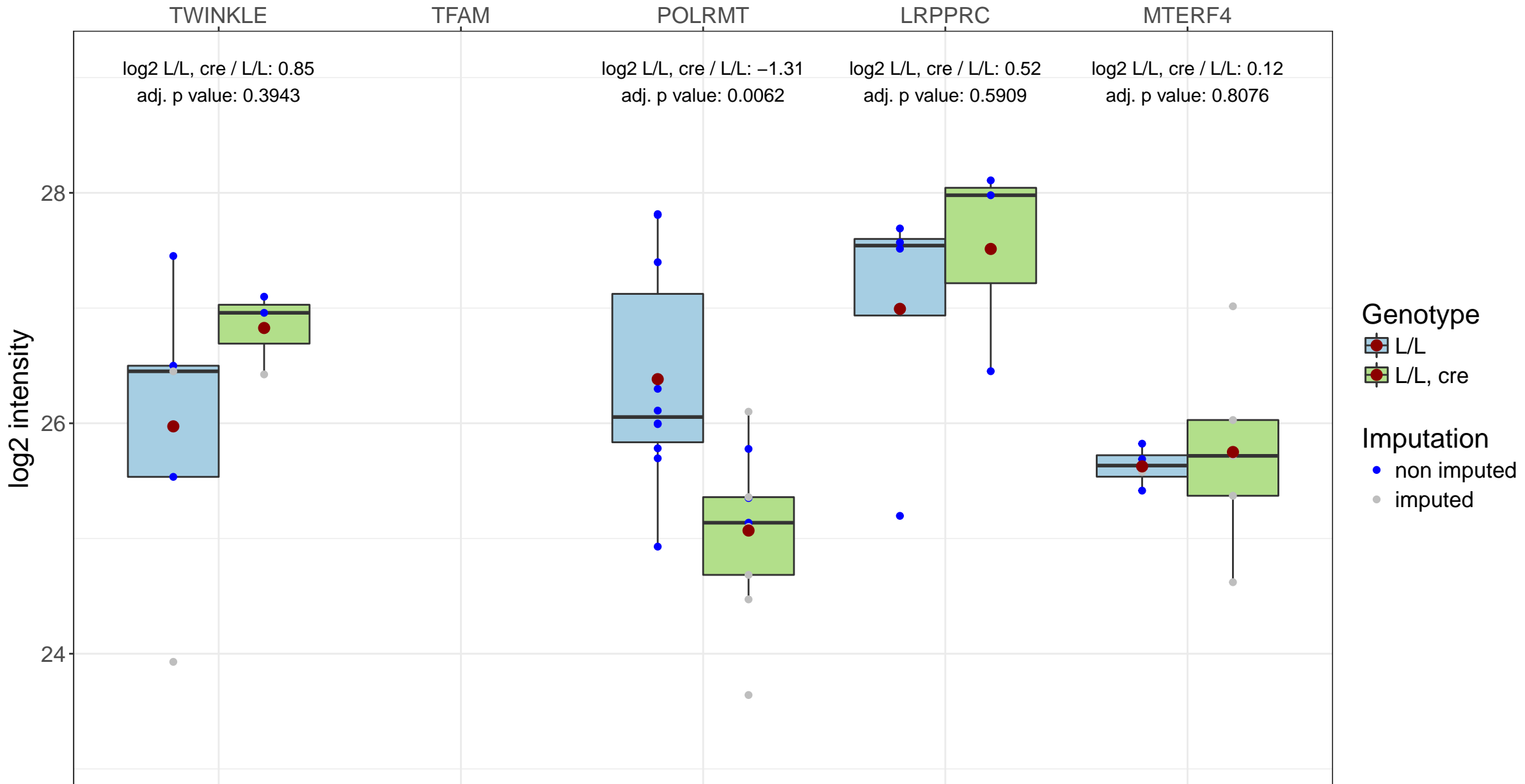




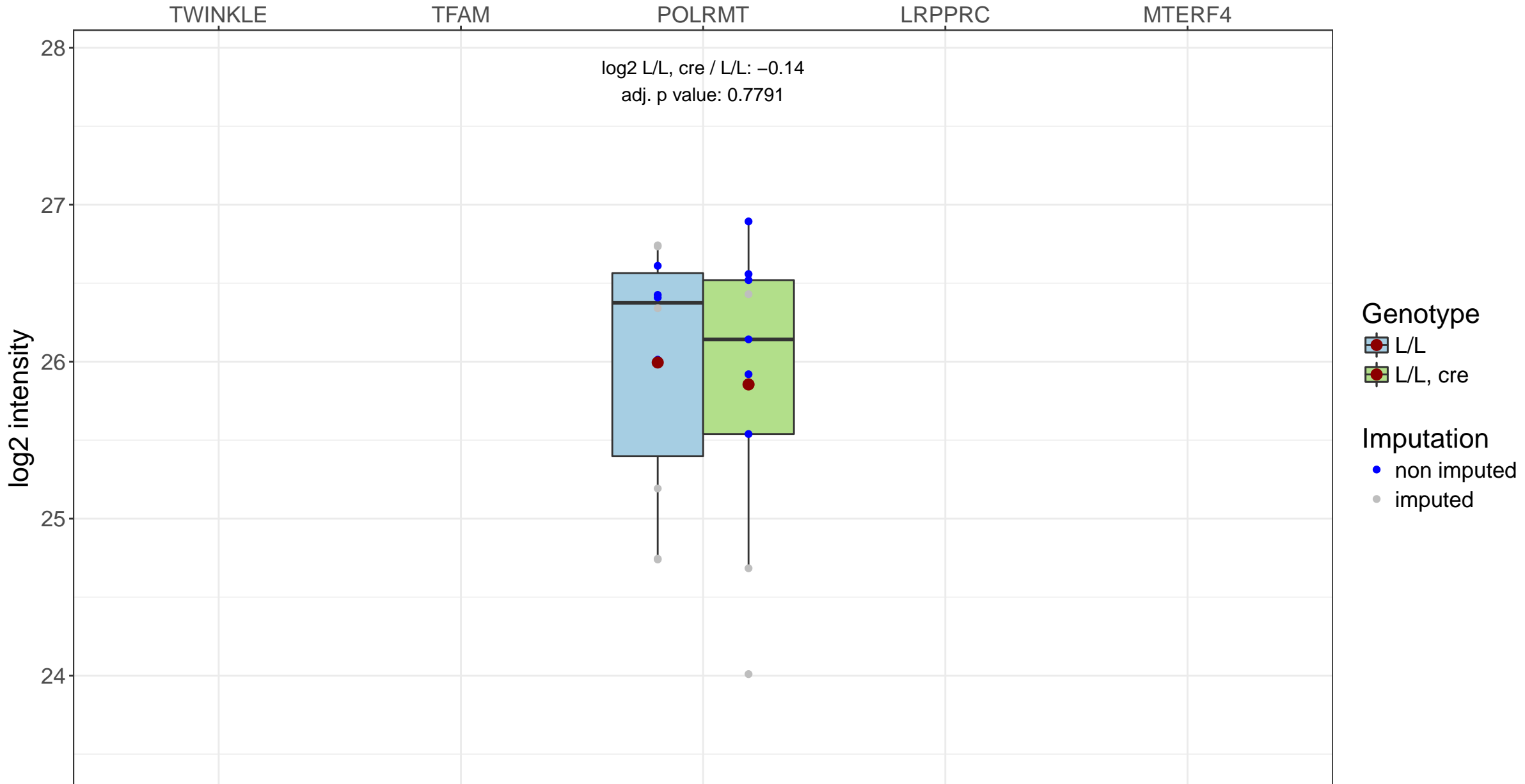
# GM20671 / F6TVX7



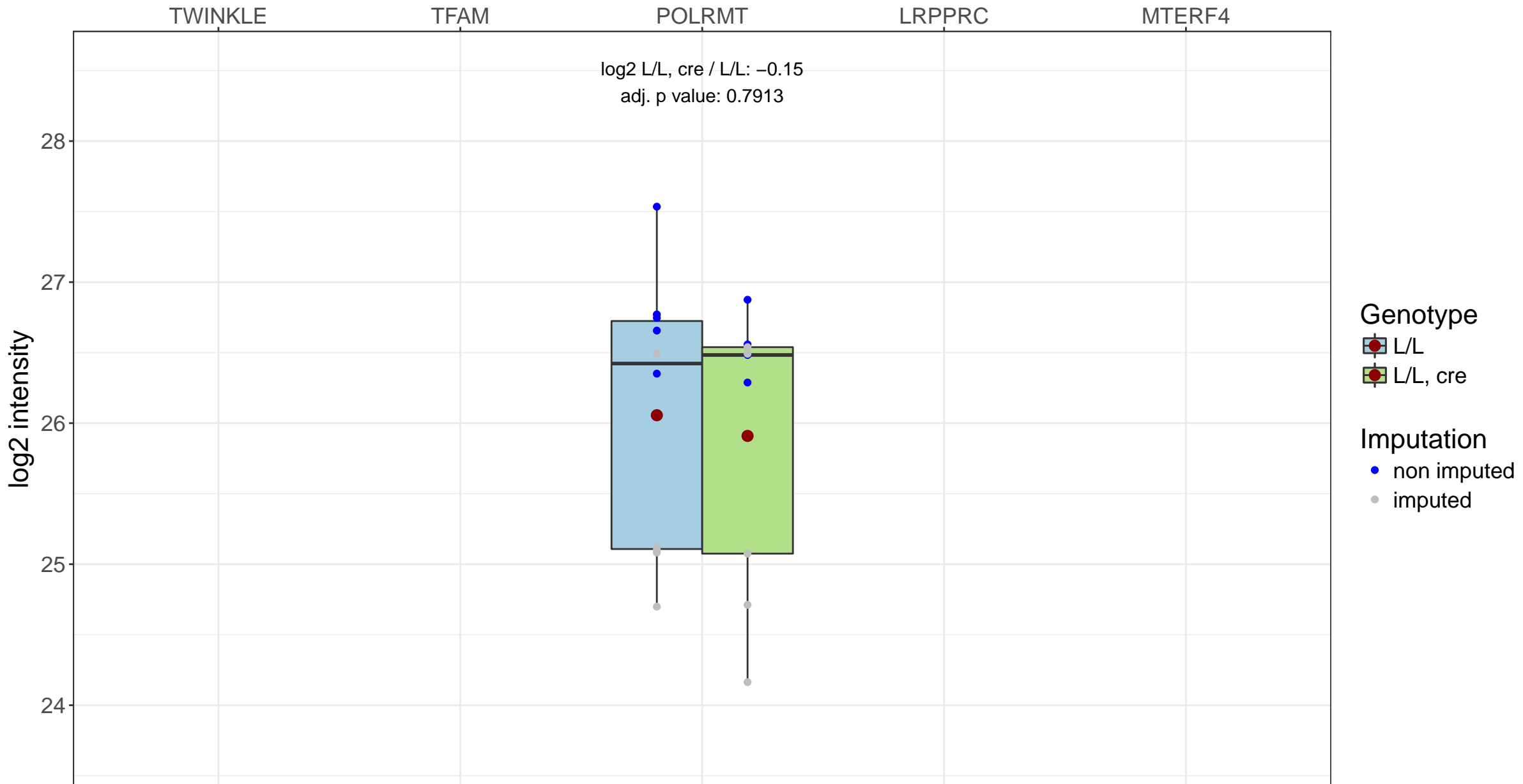
# GM561 / Q3V460



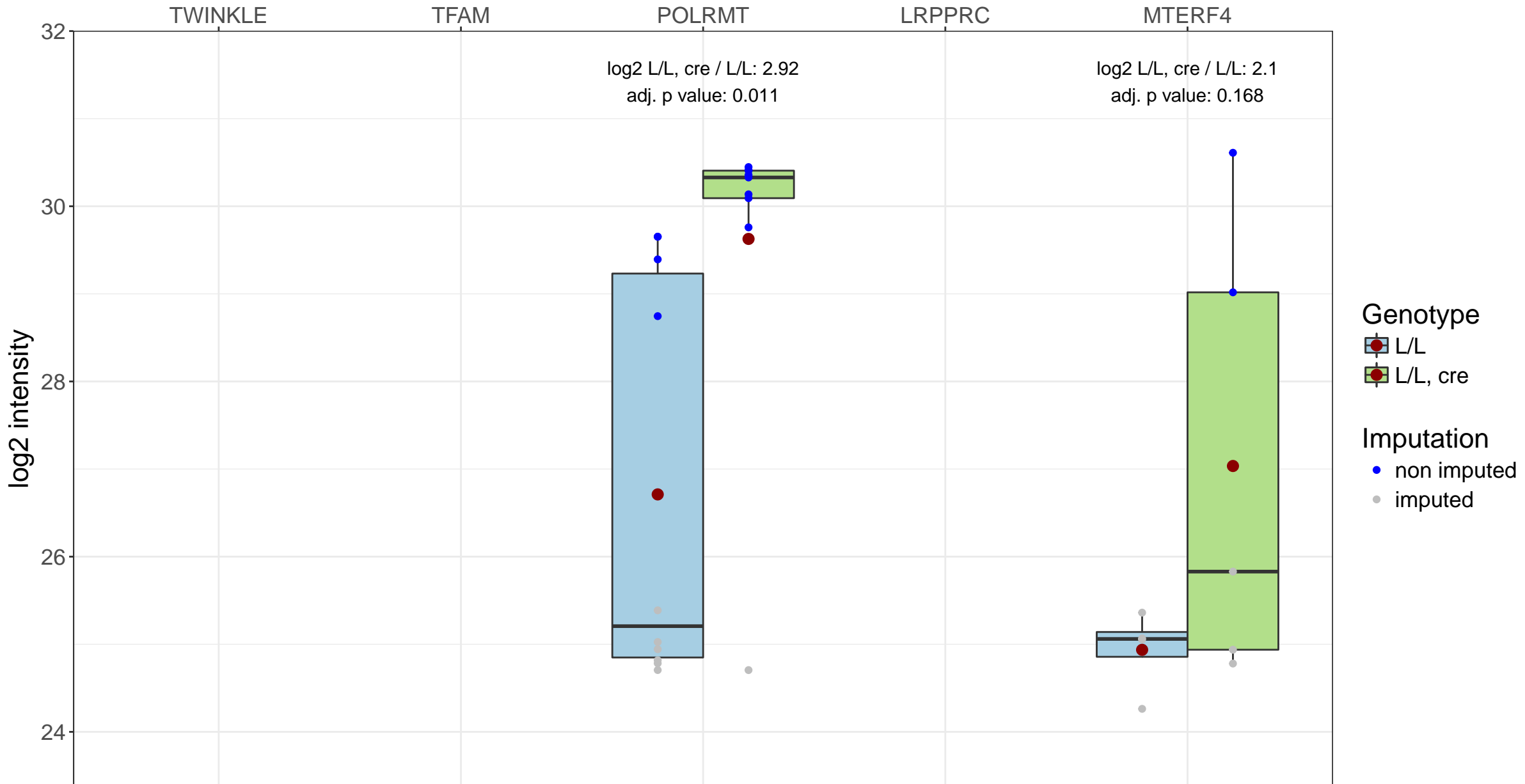
# GNAI2 / P08752



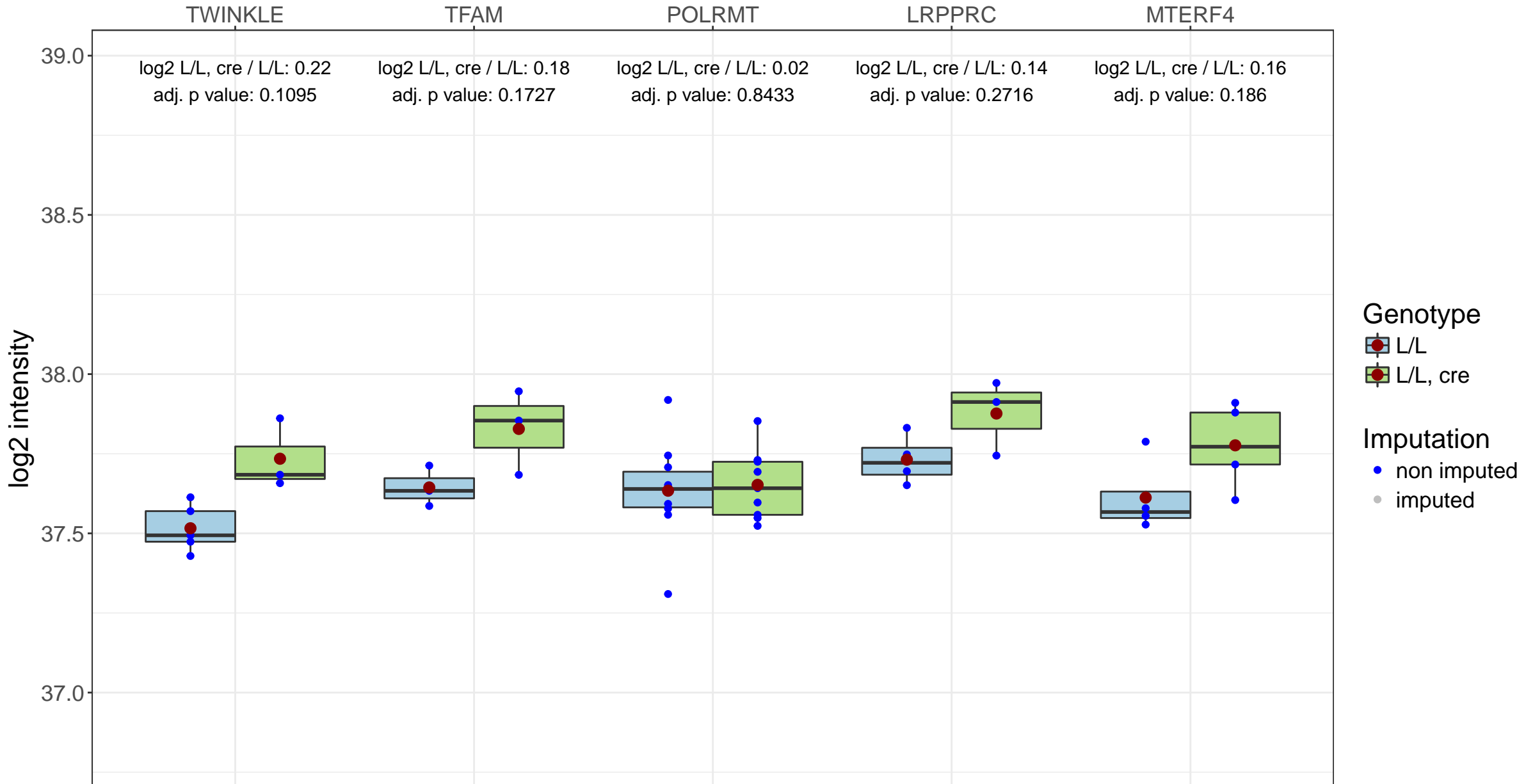
# GNB2 / P62880



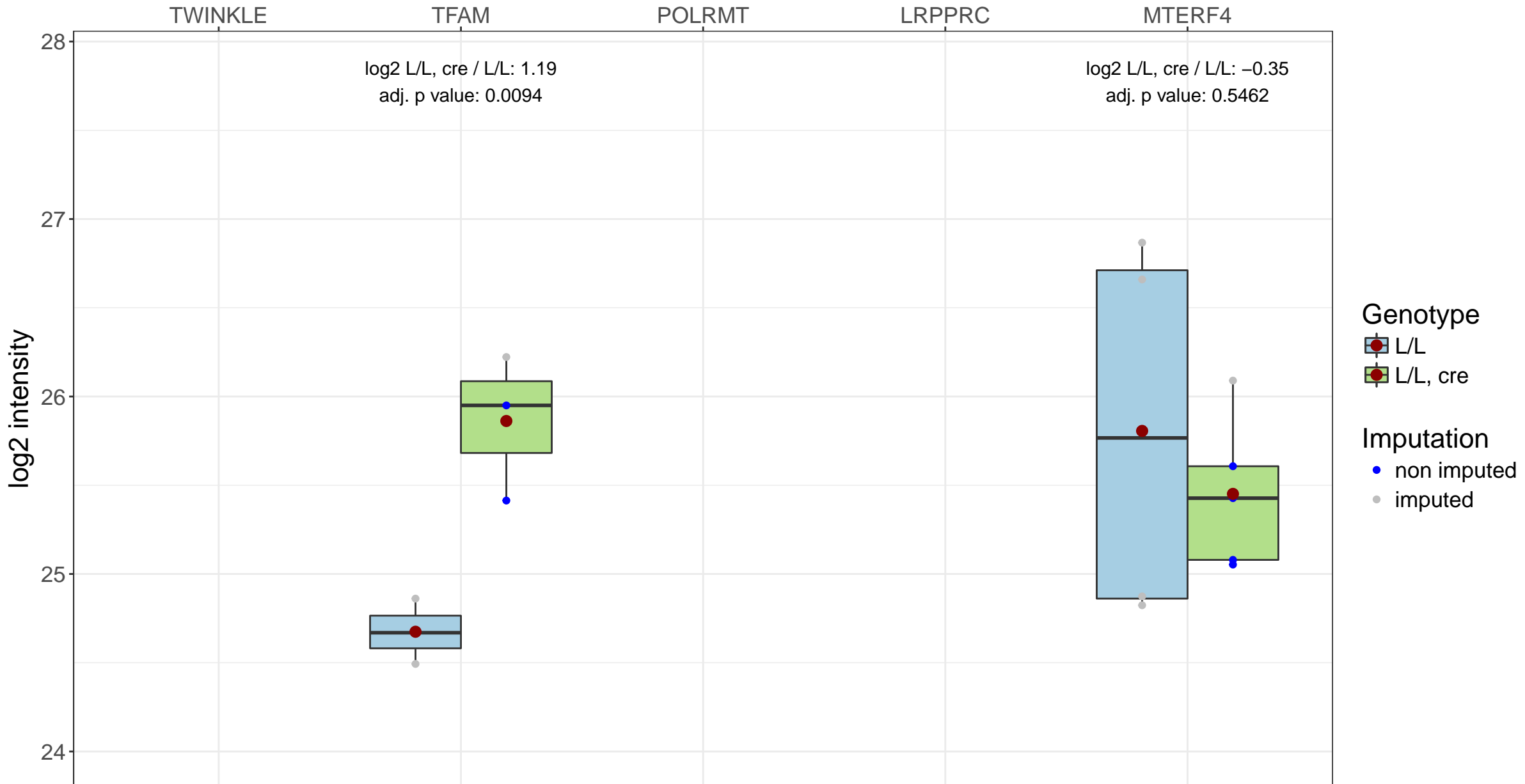
# GOLGB1 / E9QAH1



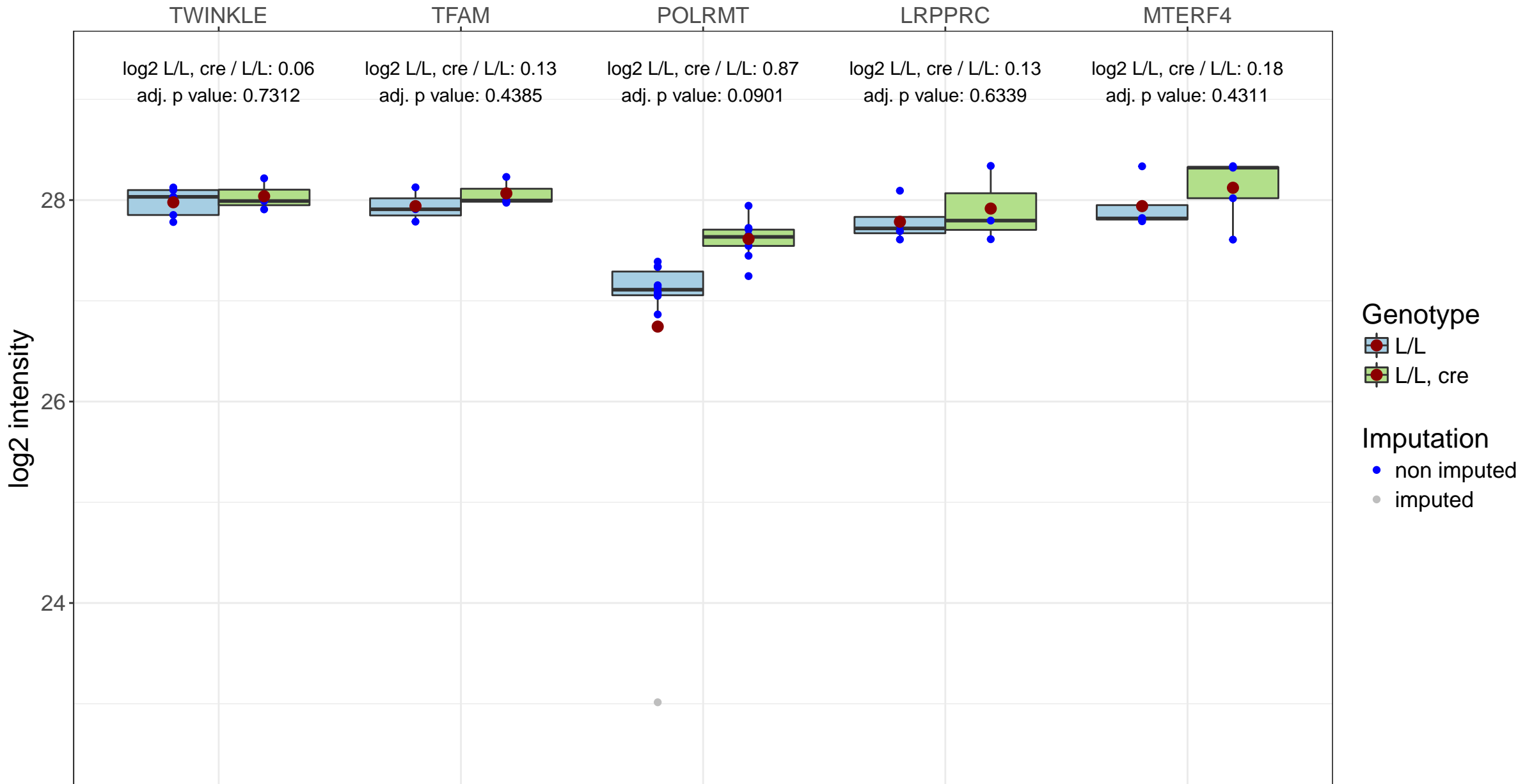
# GOT2 / P05202



# GPAM / Q61586

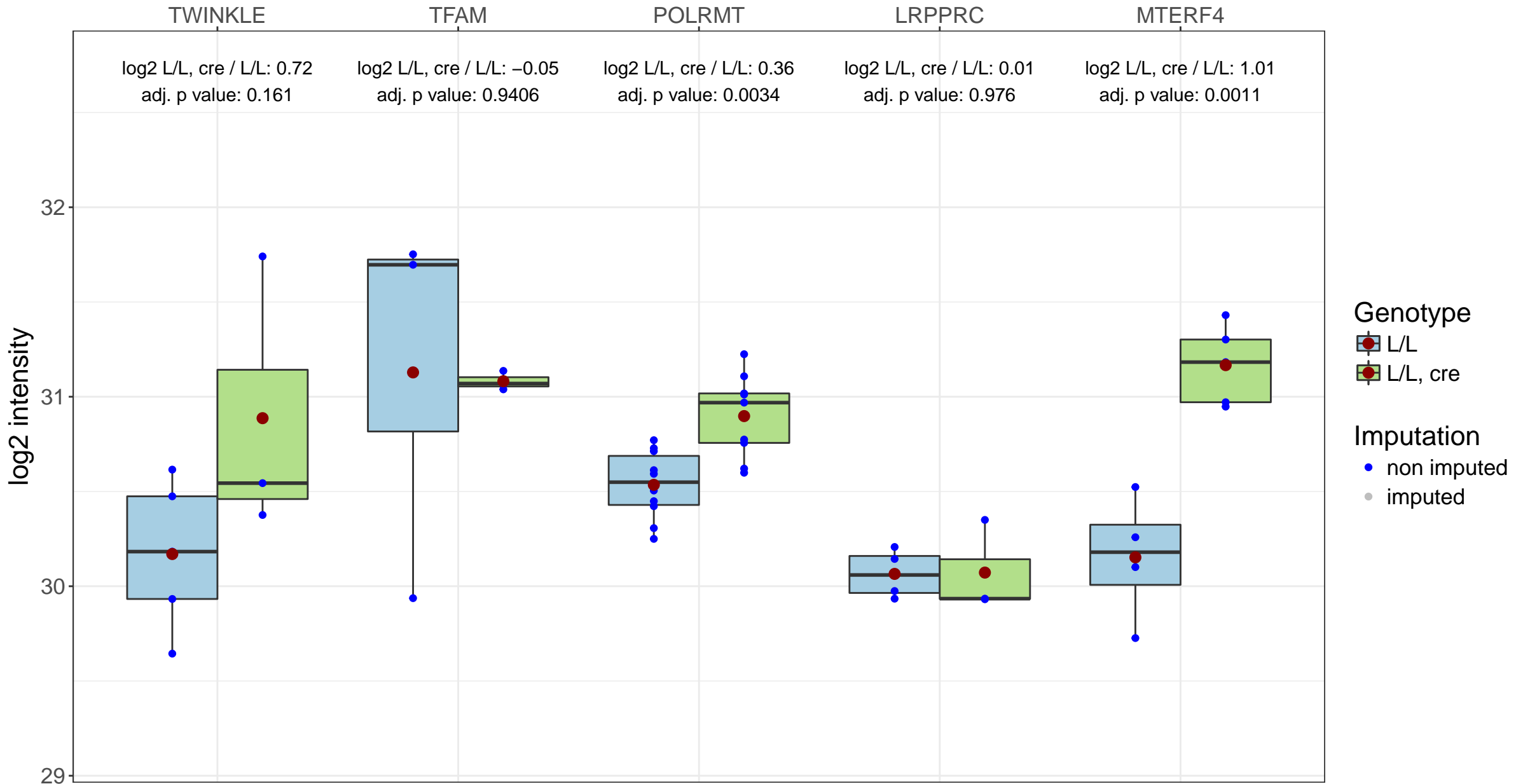


# GPD1L / Q3ULJ0

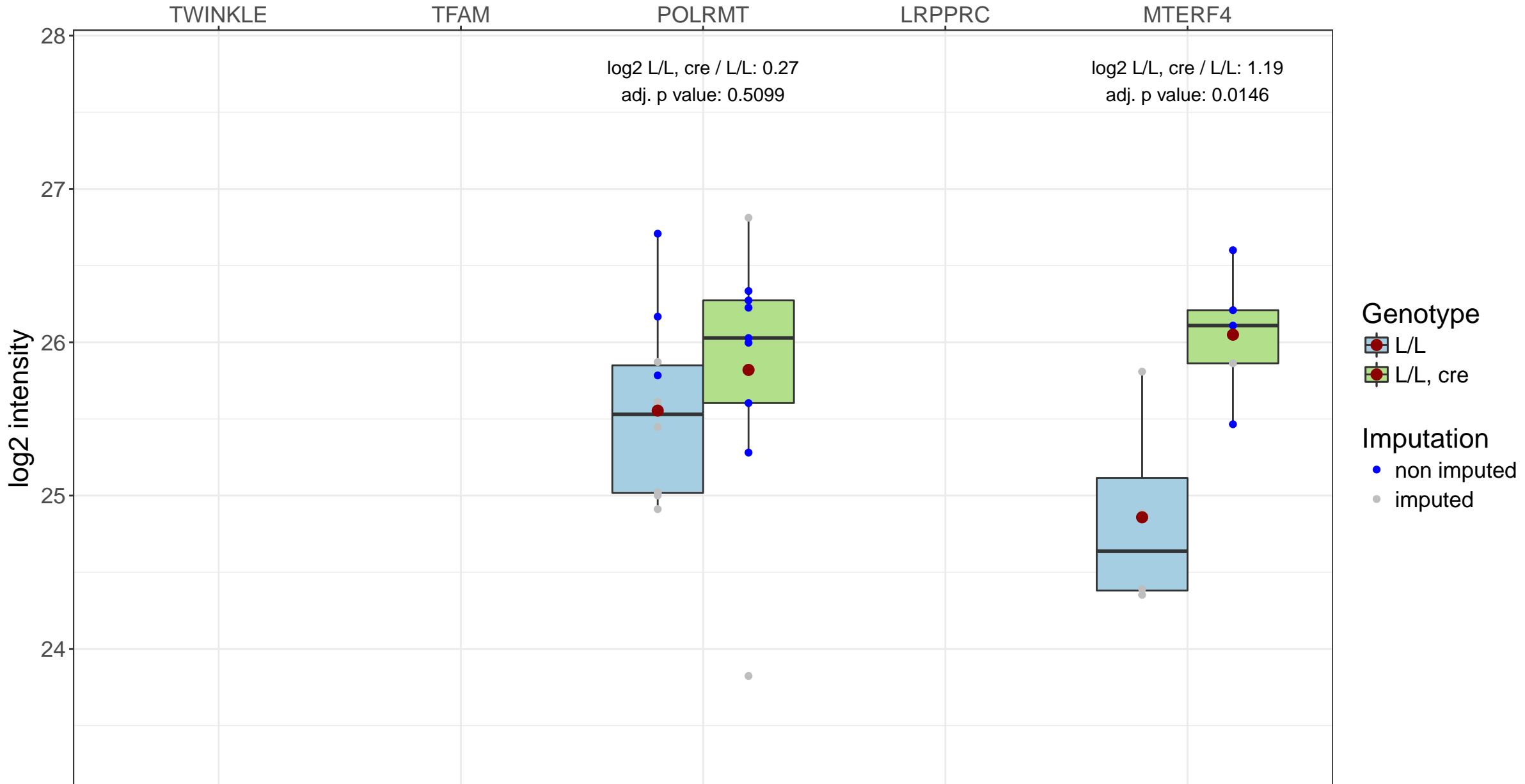




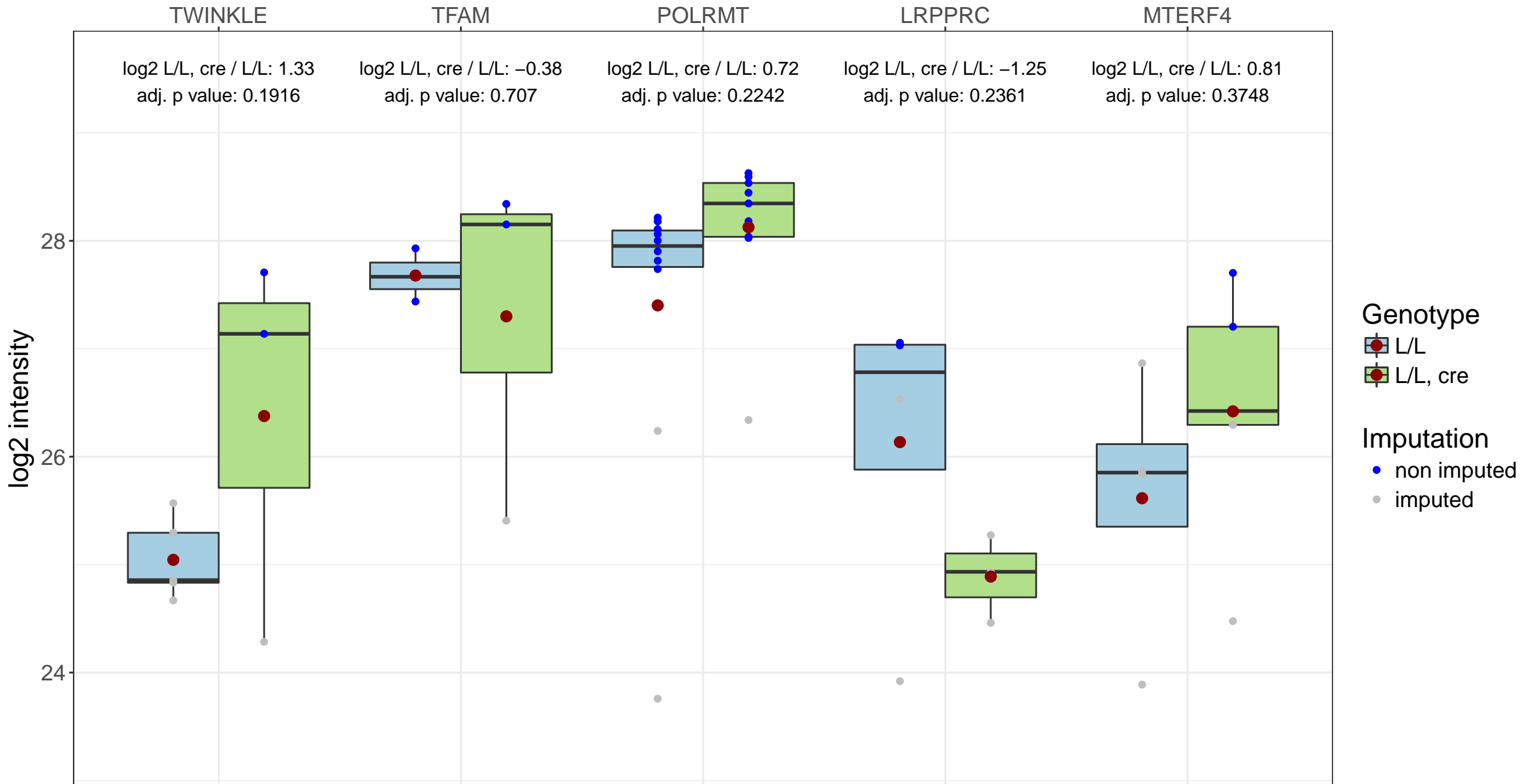
# GPD2 / Q64521



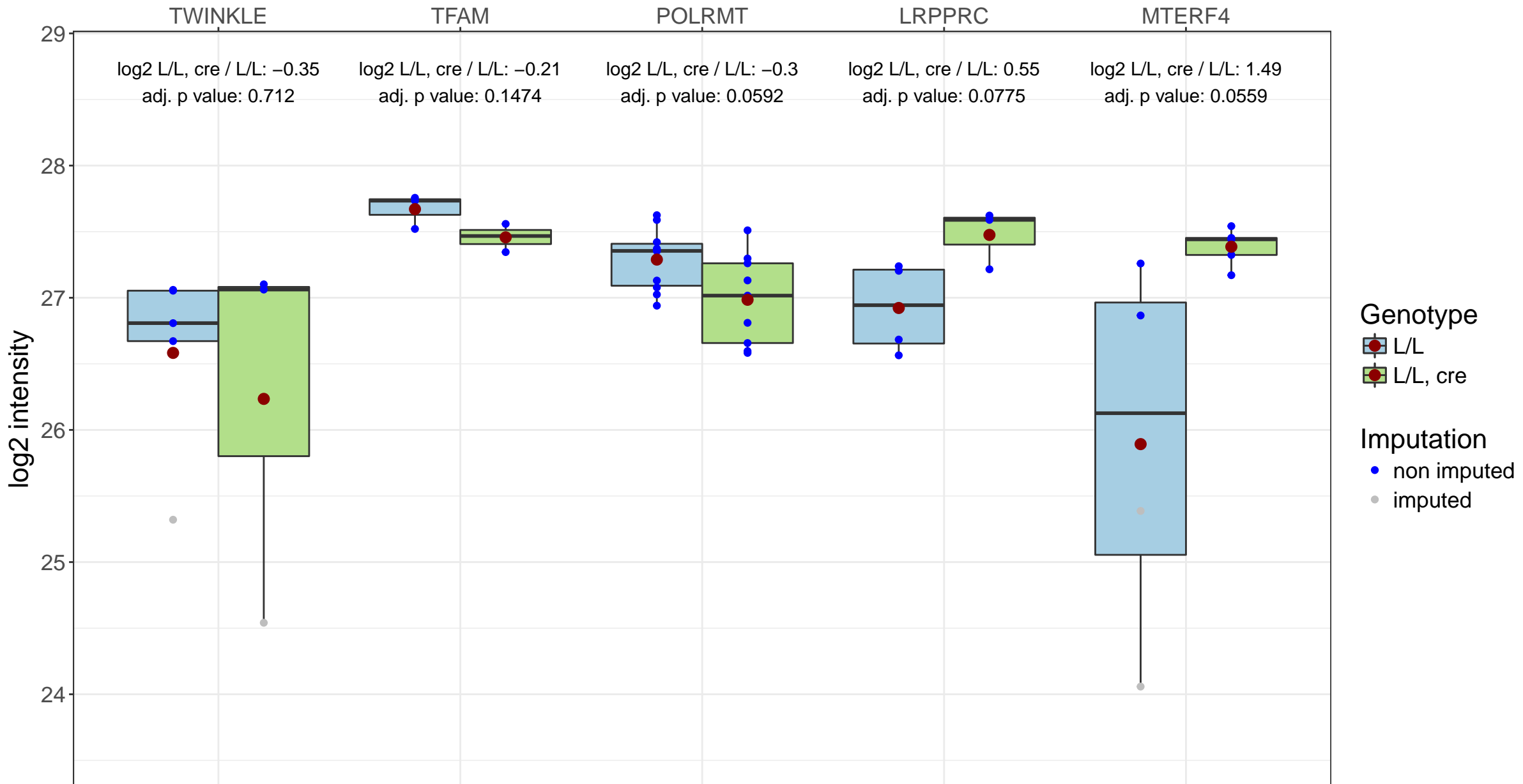
# GPI / P06745



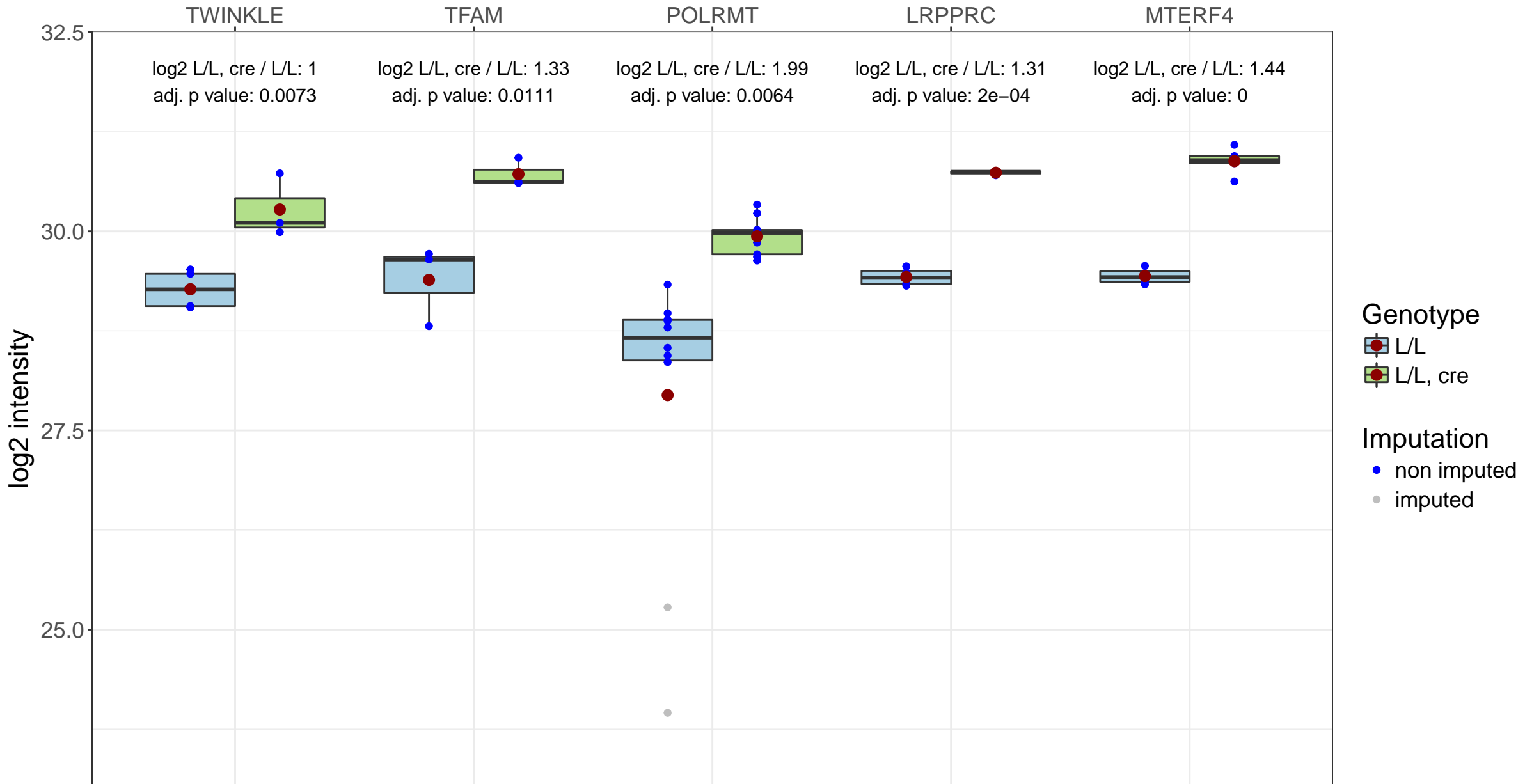
# GPT2 / Q8BGT5



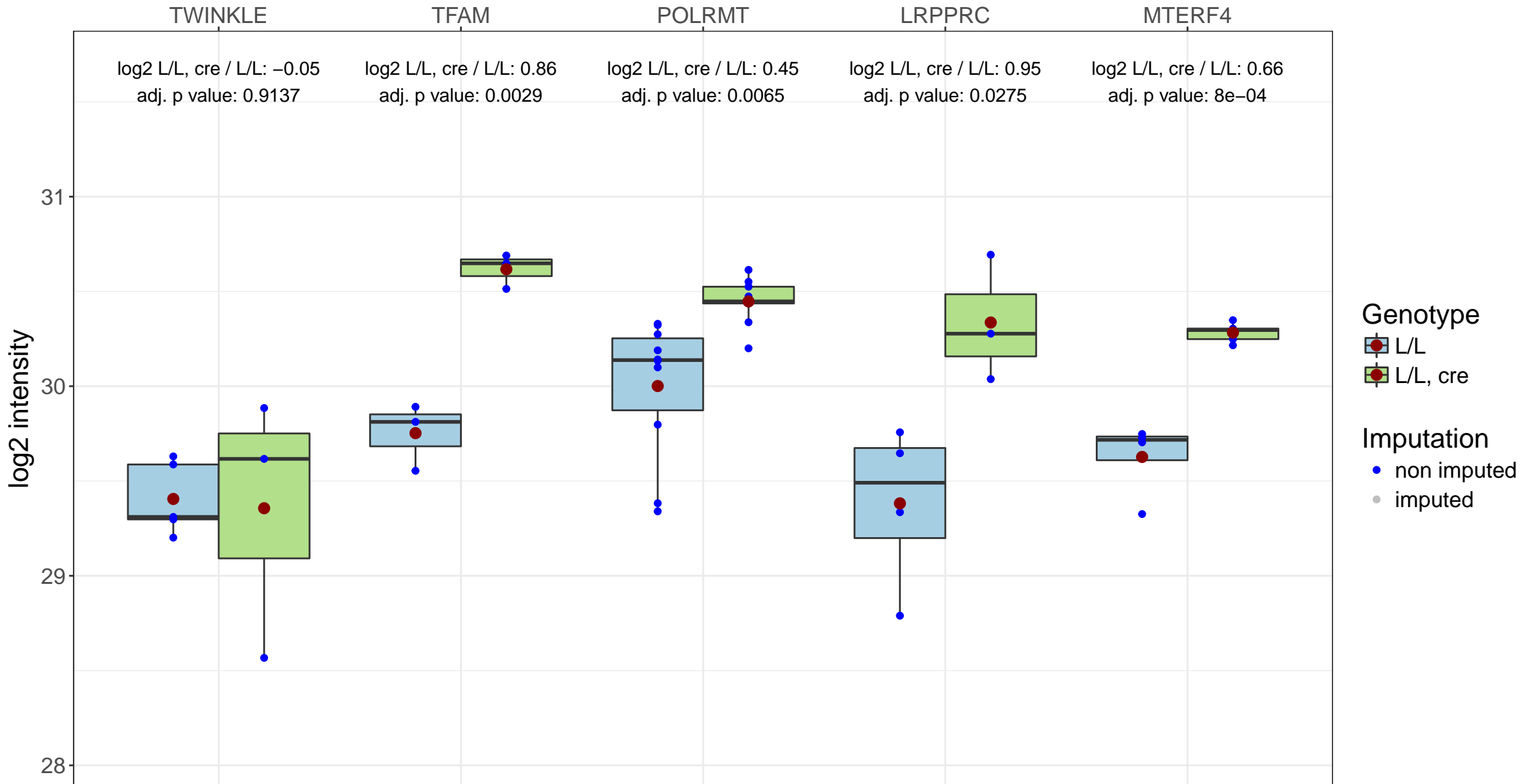
# GPX1 / P11352



# GPX4 / Q76LV0



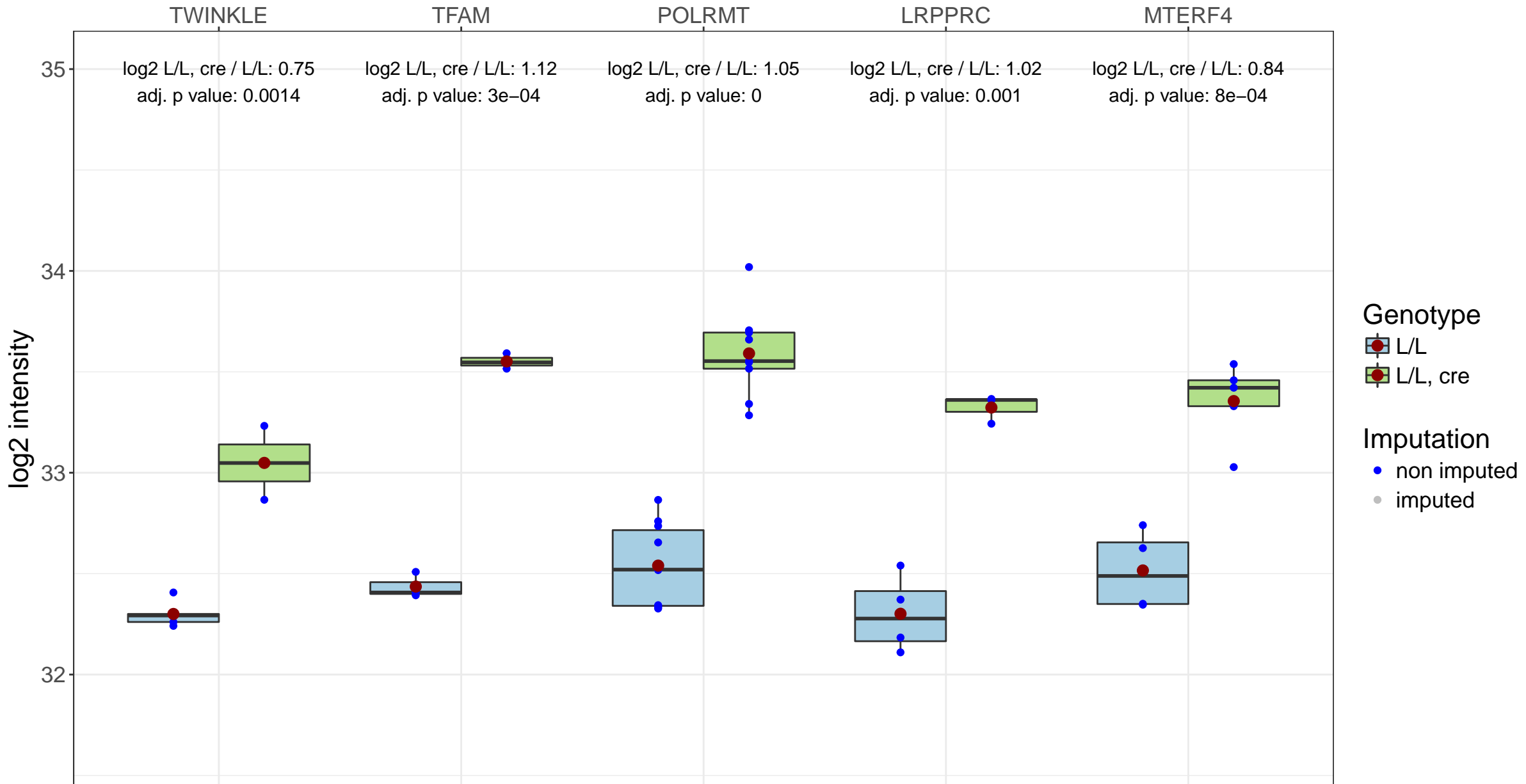
# GRHPR / Q91Z53



# GRN / Q3U9N4

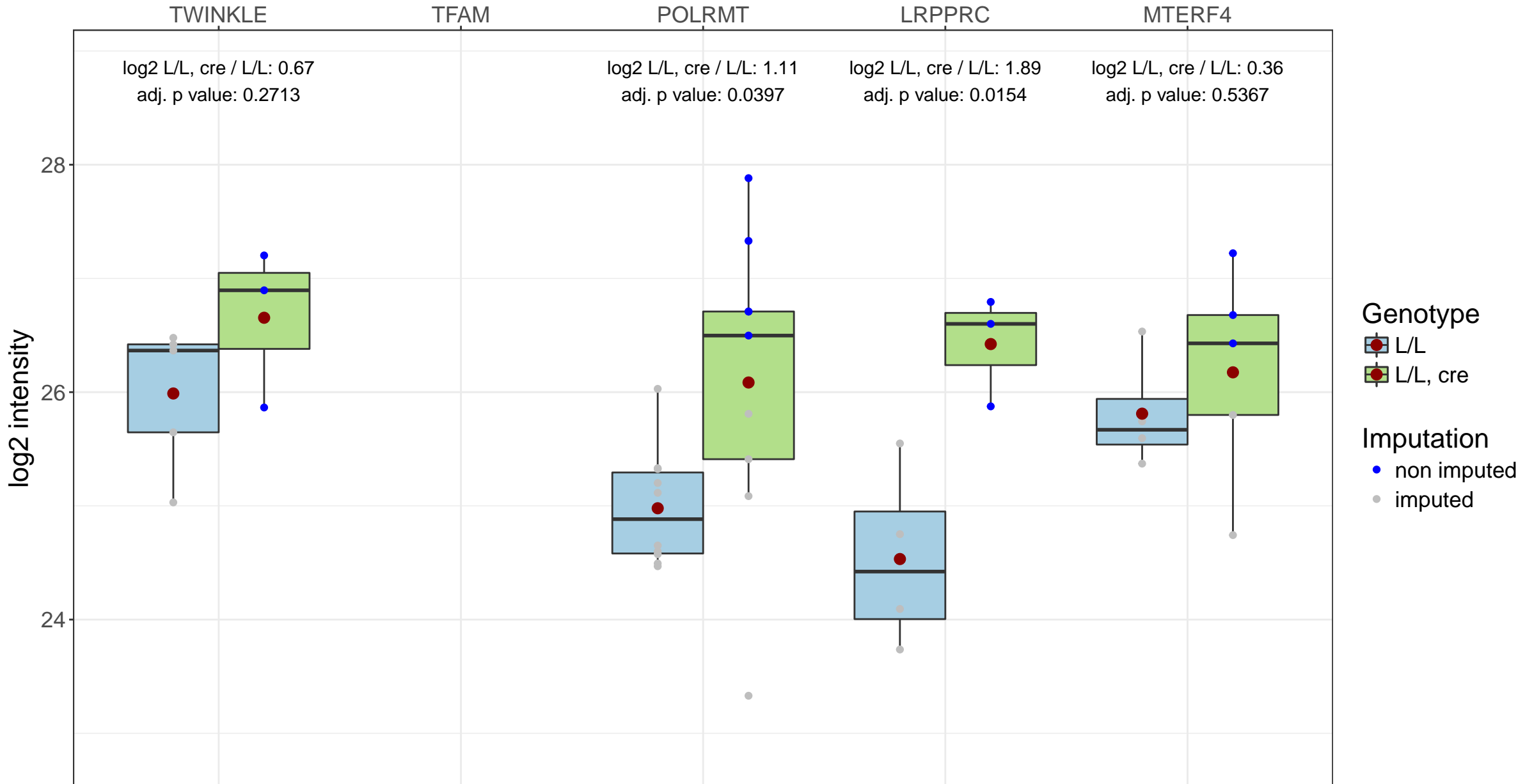


# GRPEL1 / Q99LP6

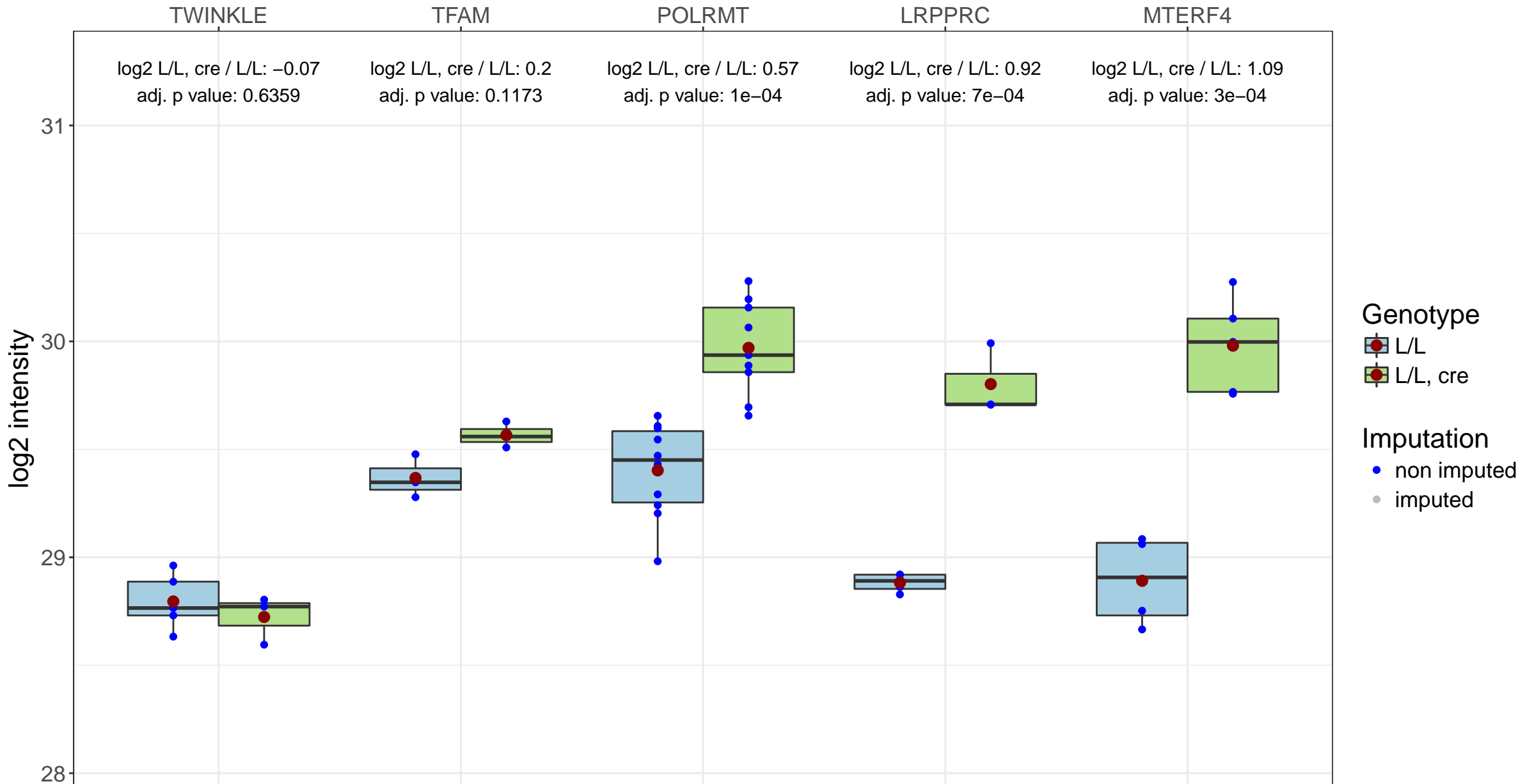




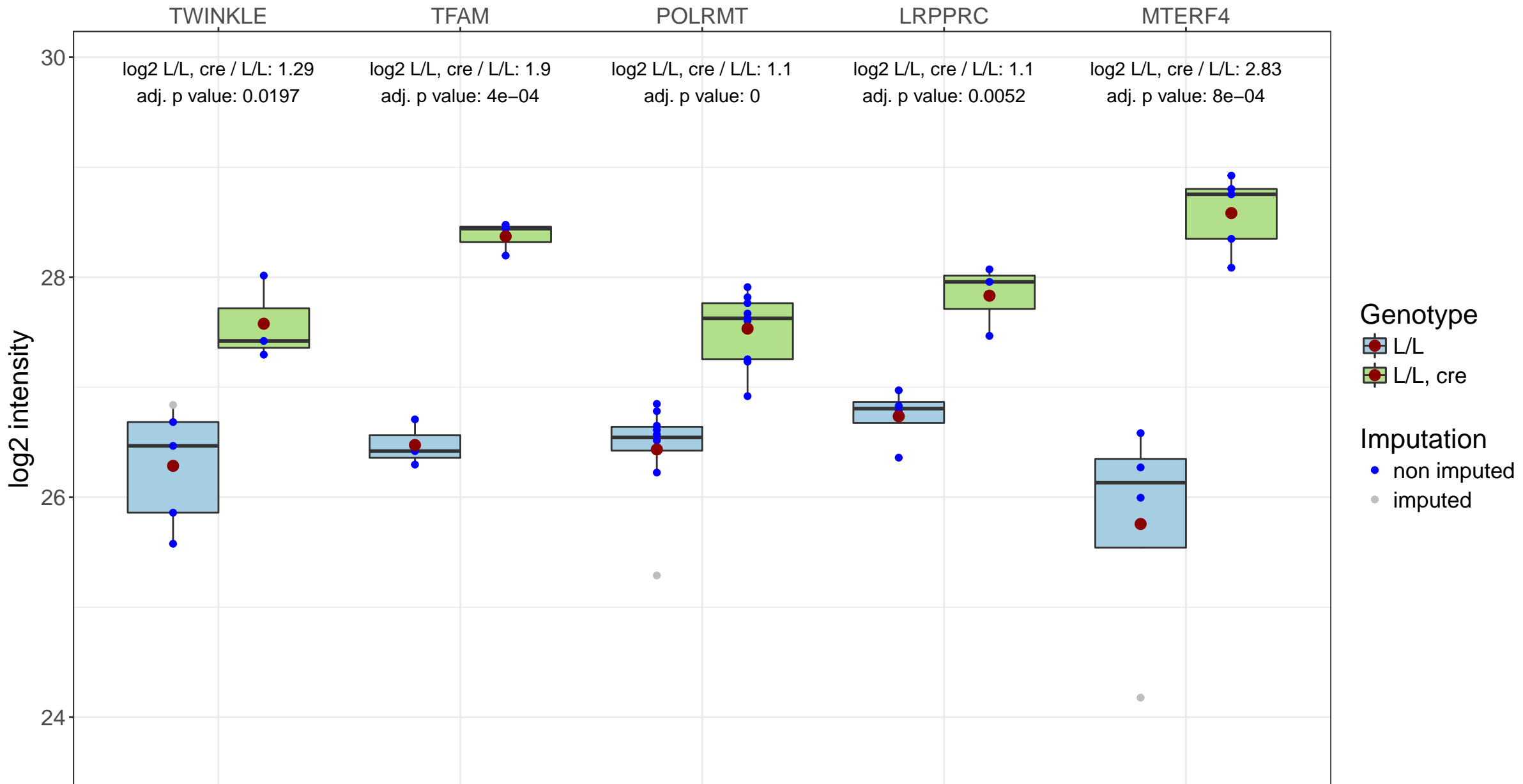
# GRPEL2 / O88396



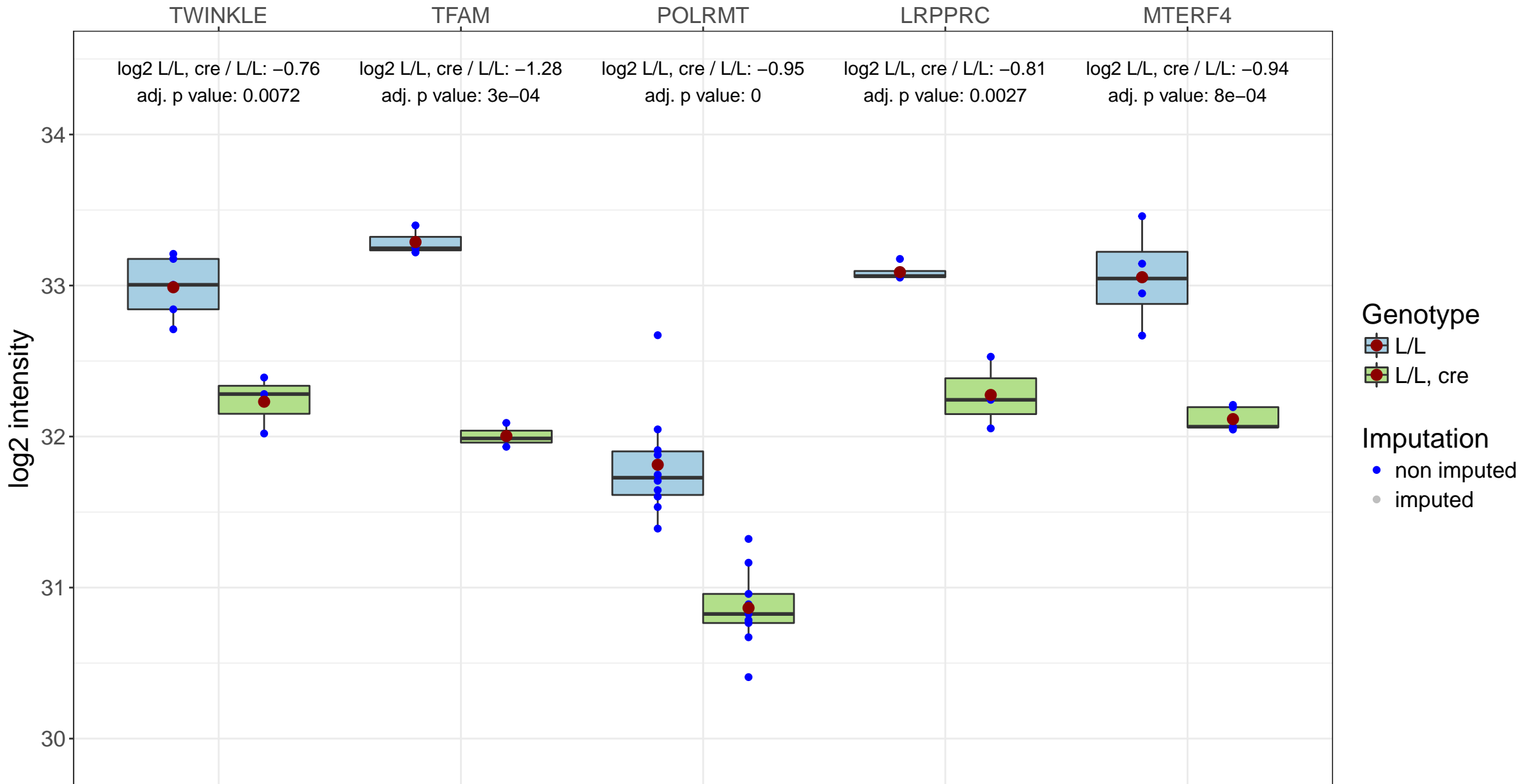
# GRSF1 / E9Q179



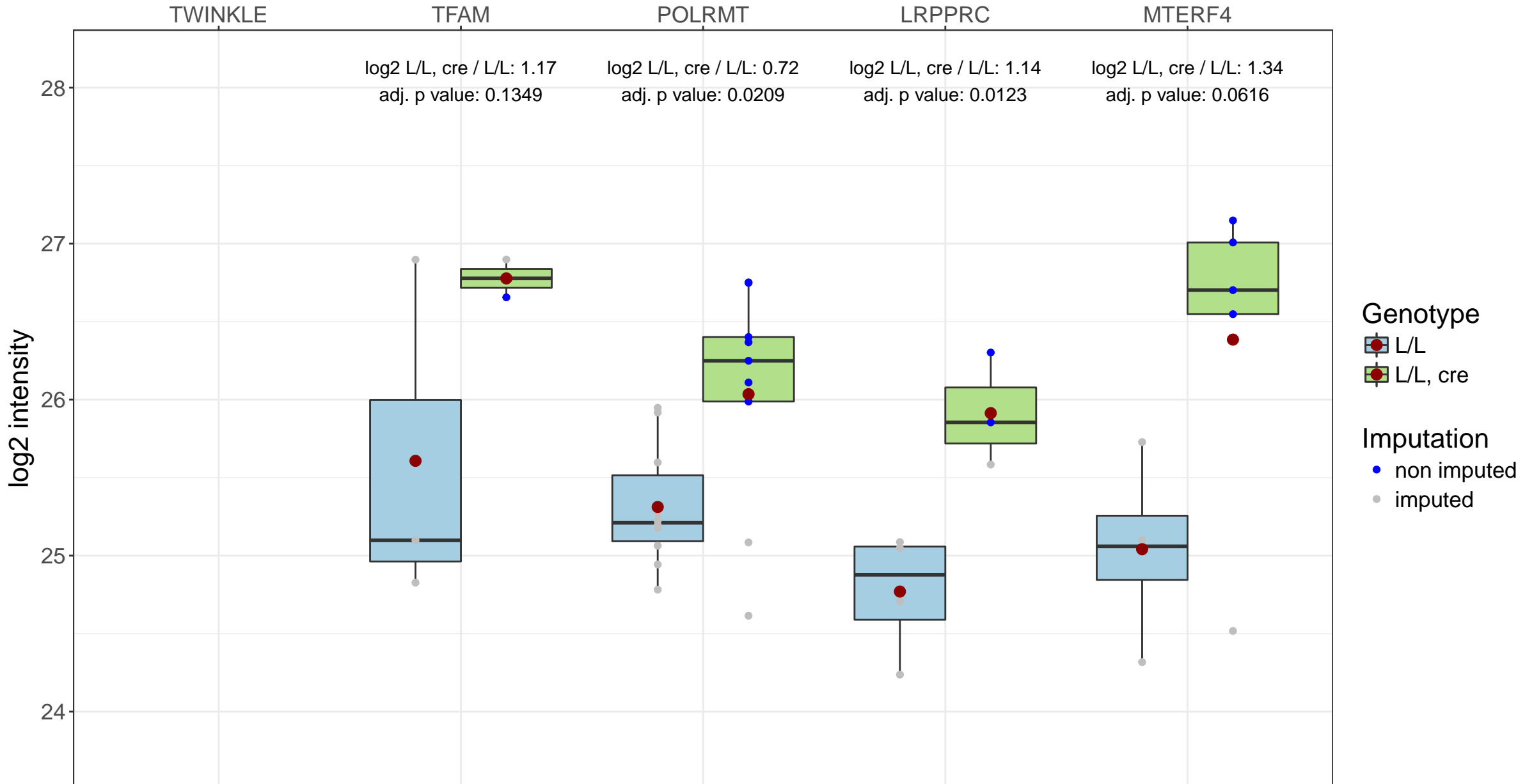
# GSR / P47791-2



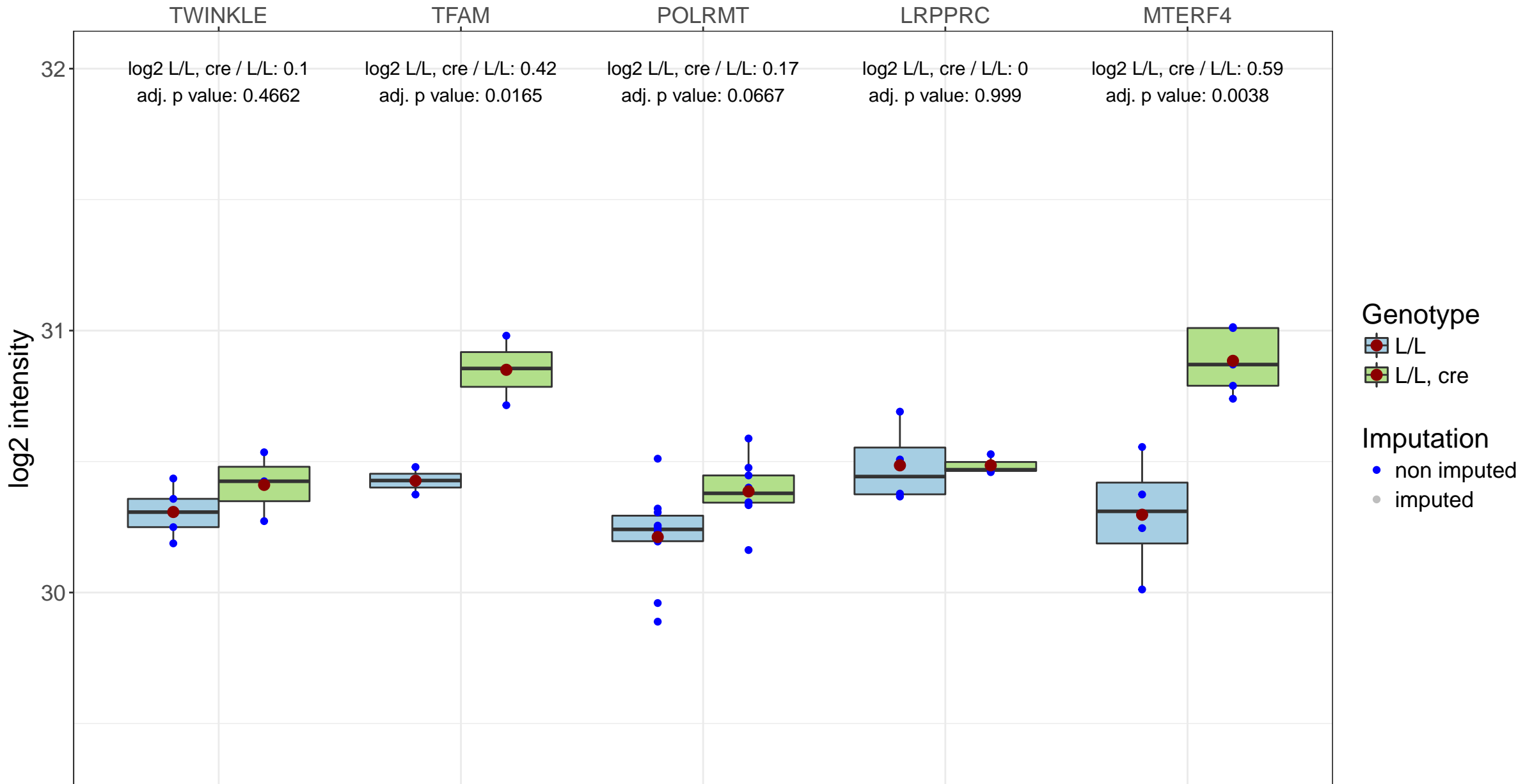
# GSTK1 / Q9DCM2



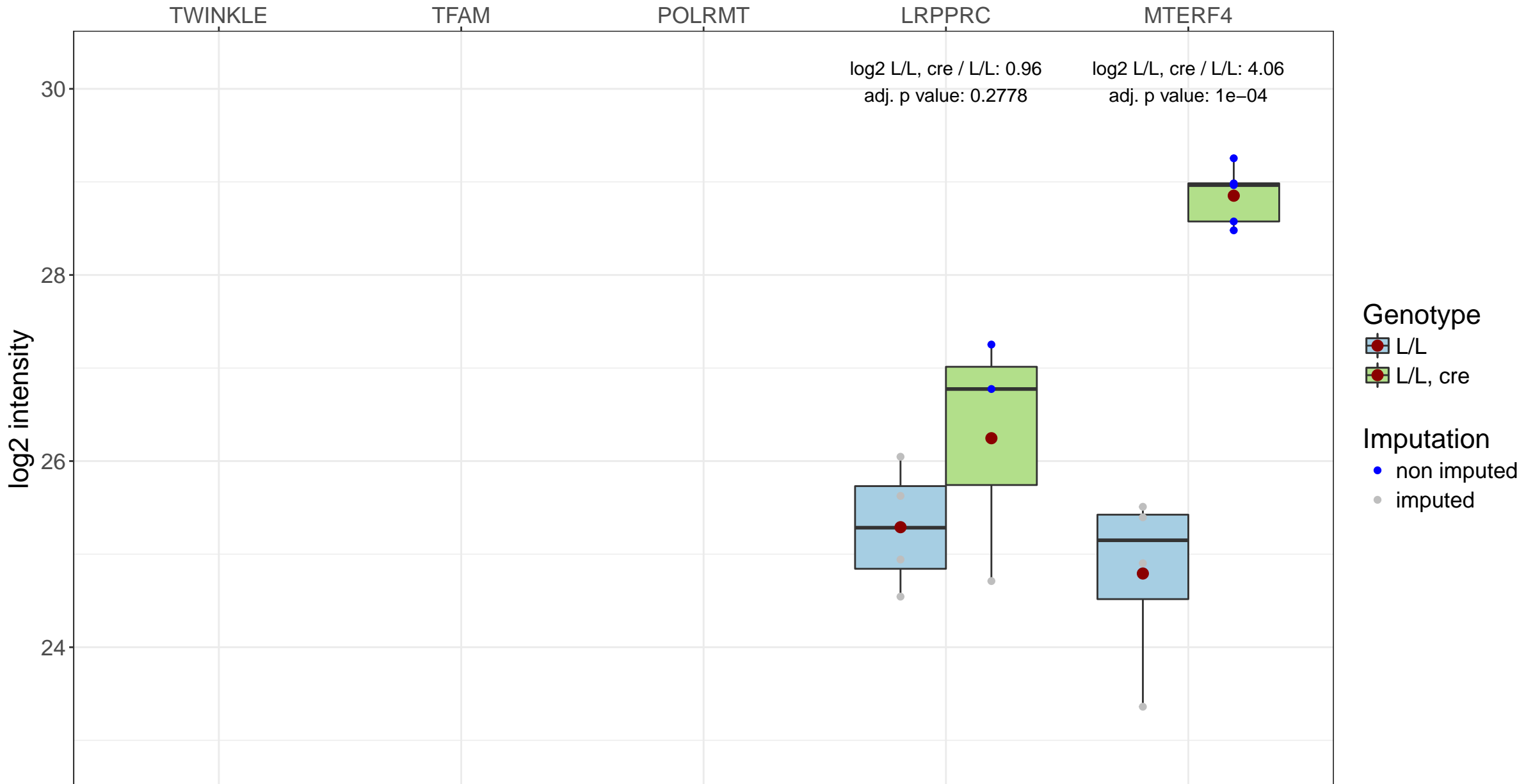
# GSTO1 / O09131



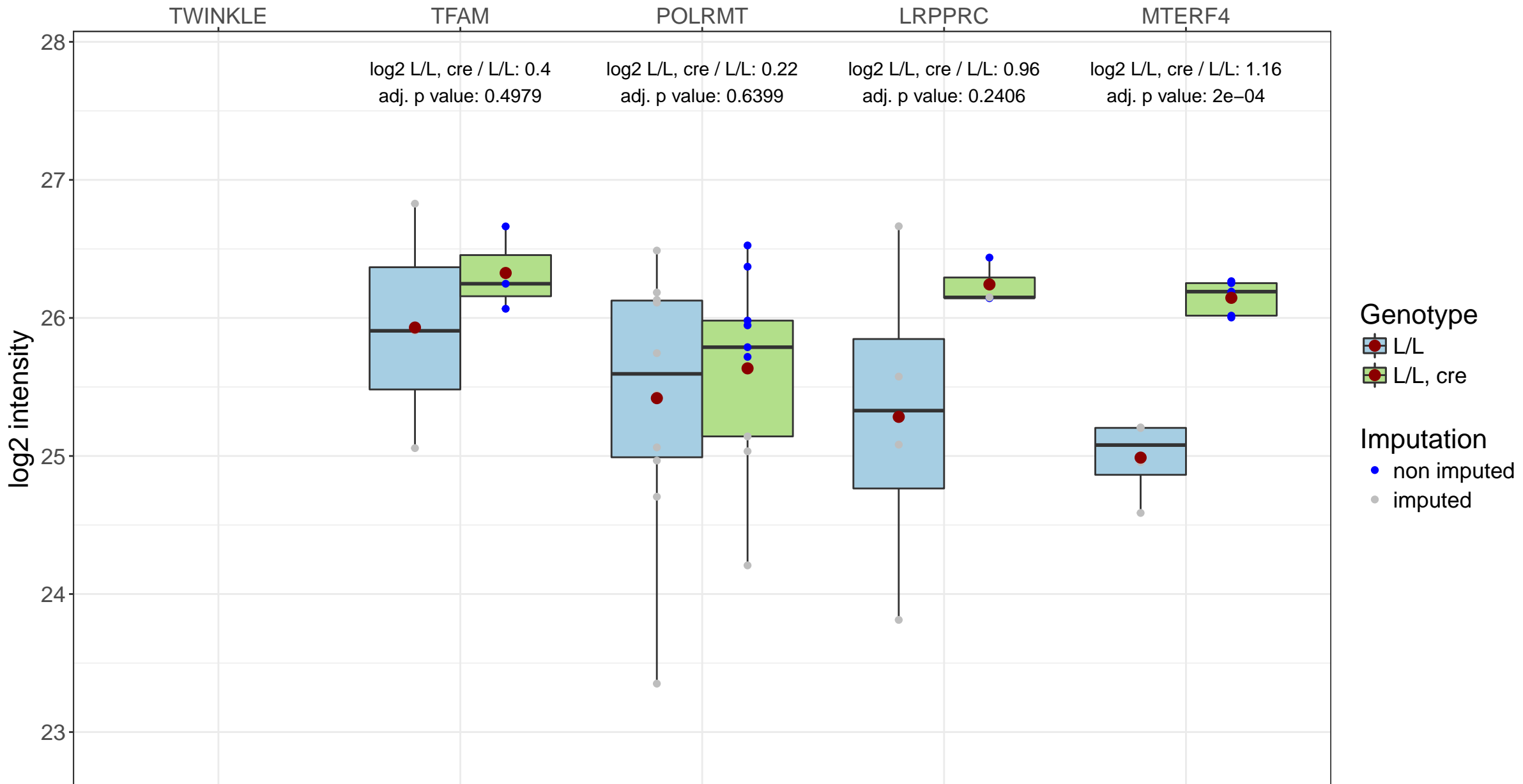
# GSTZ1 / Q9WVL0



# GTPBP10 / Q8K013

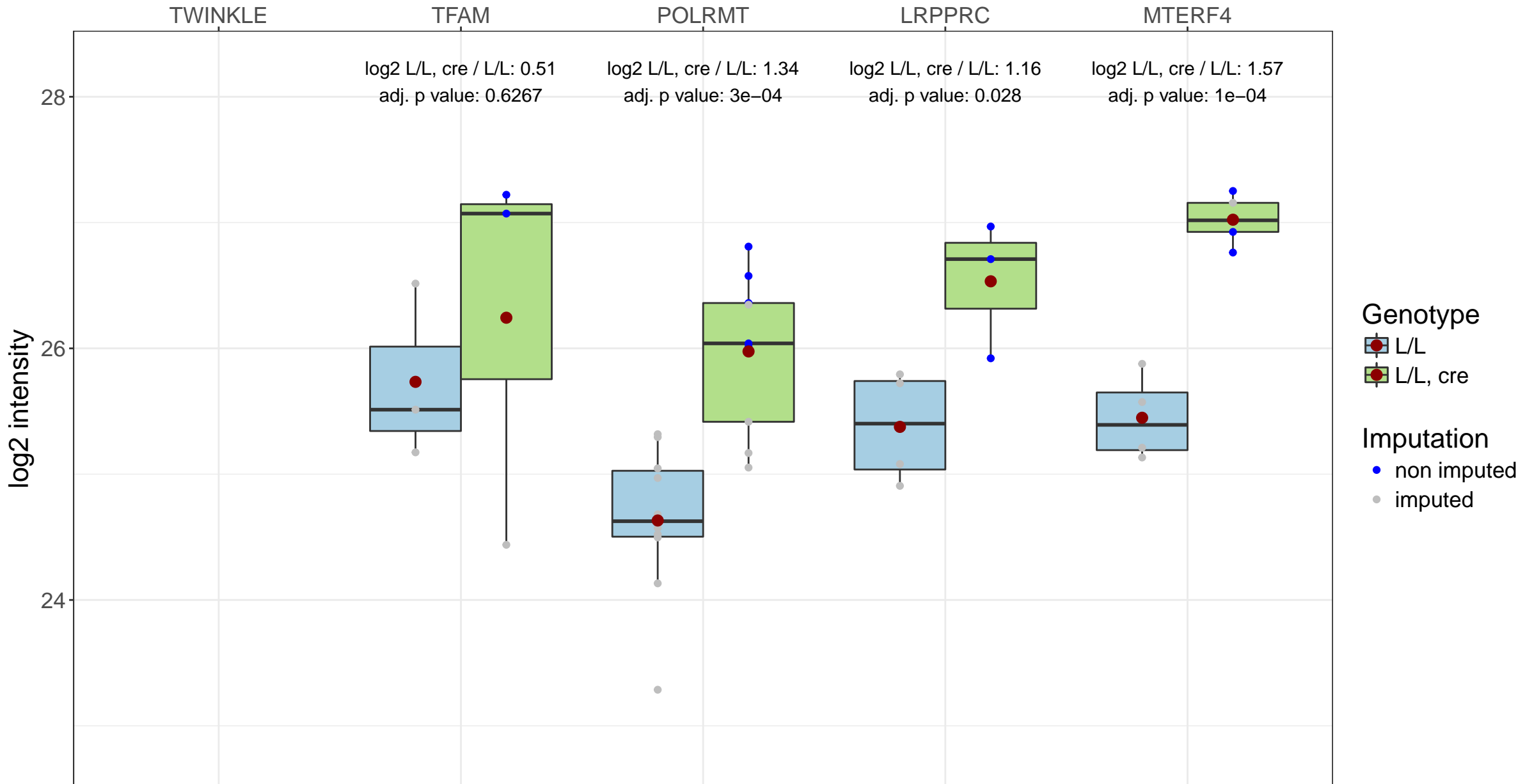


# GTPBP3 / E9PWV7

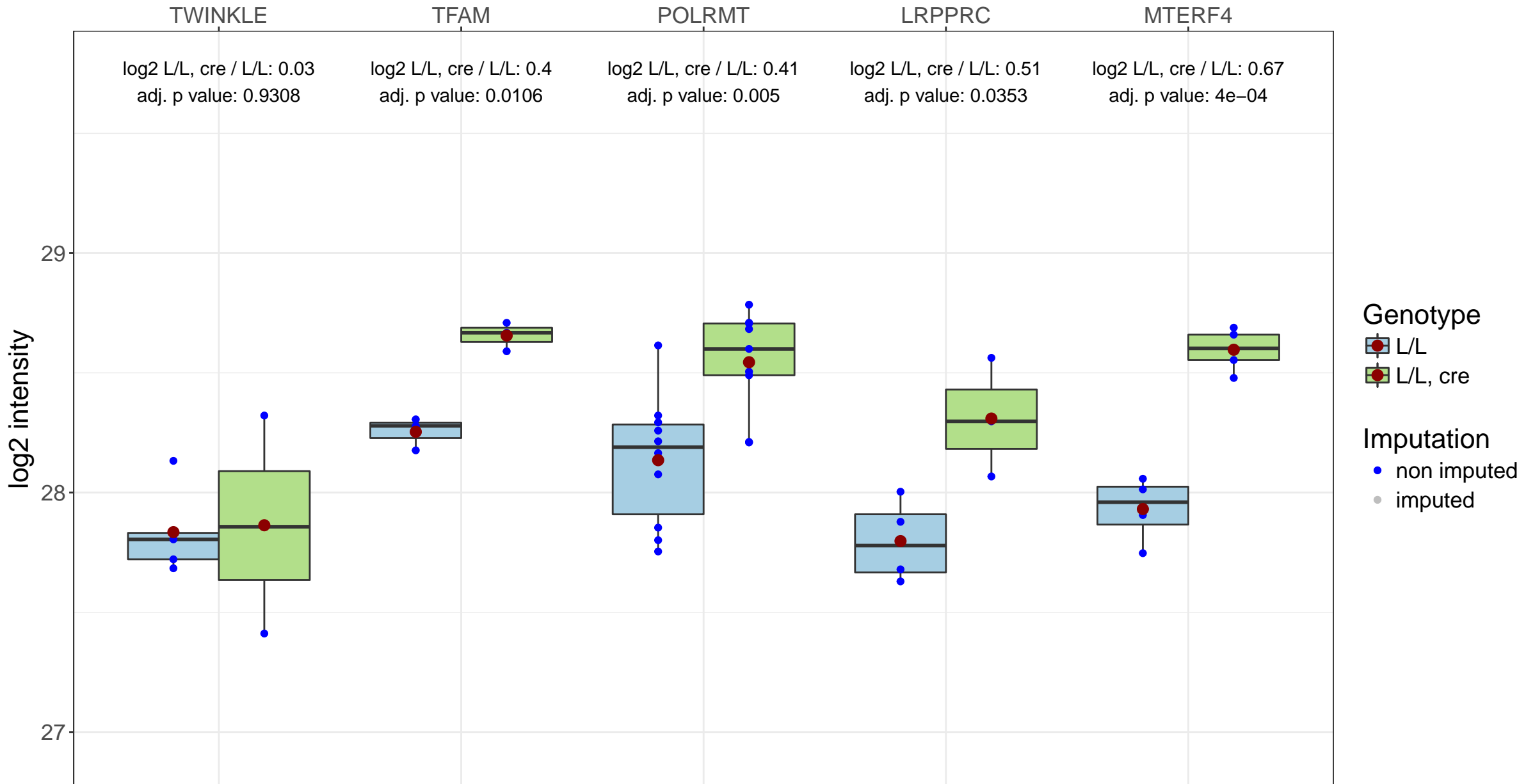




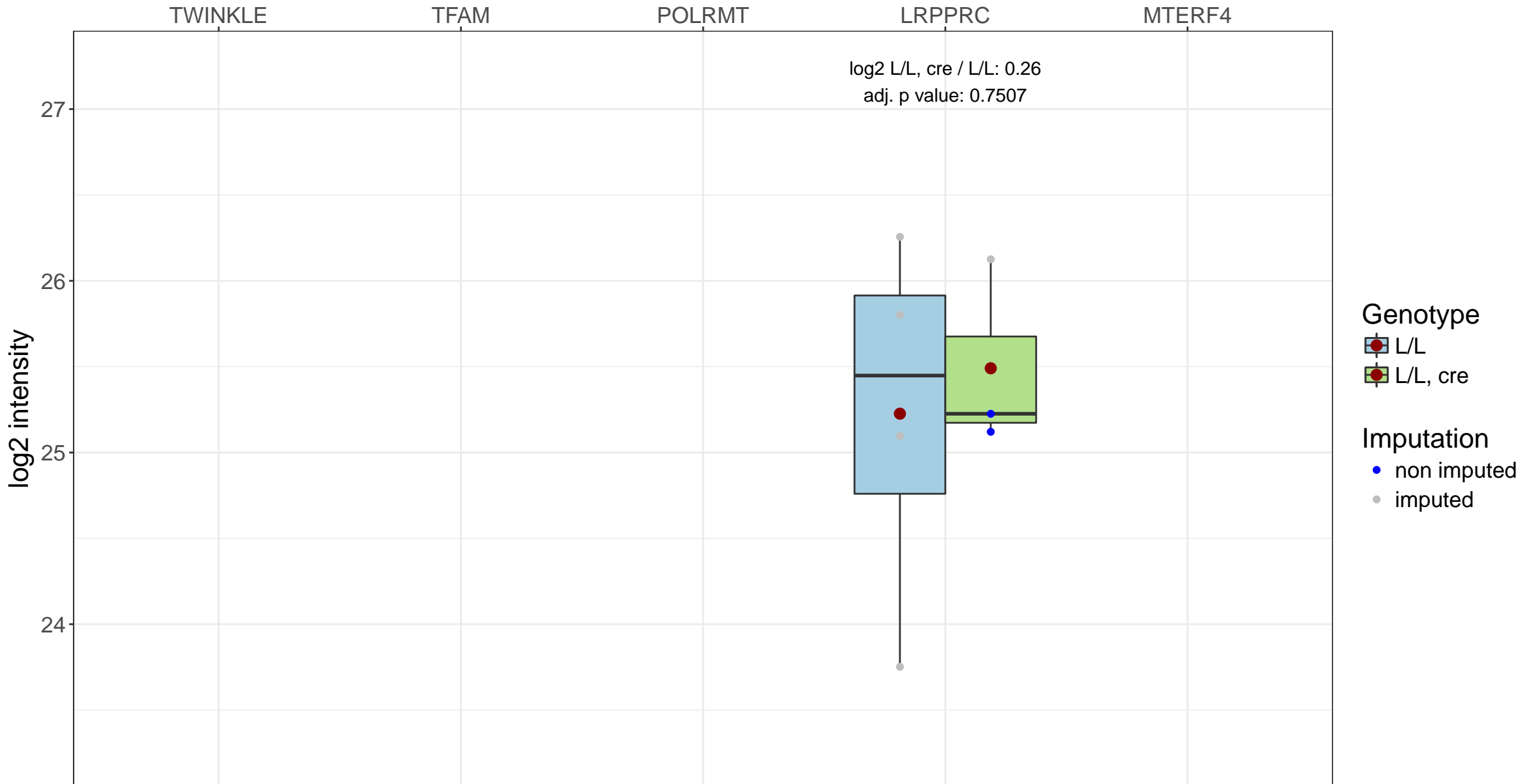
# GTPBP6 / Q3U6U5



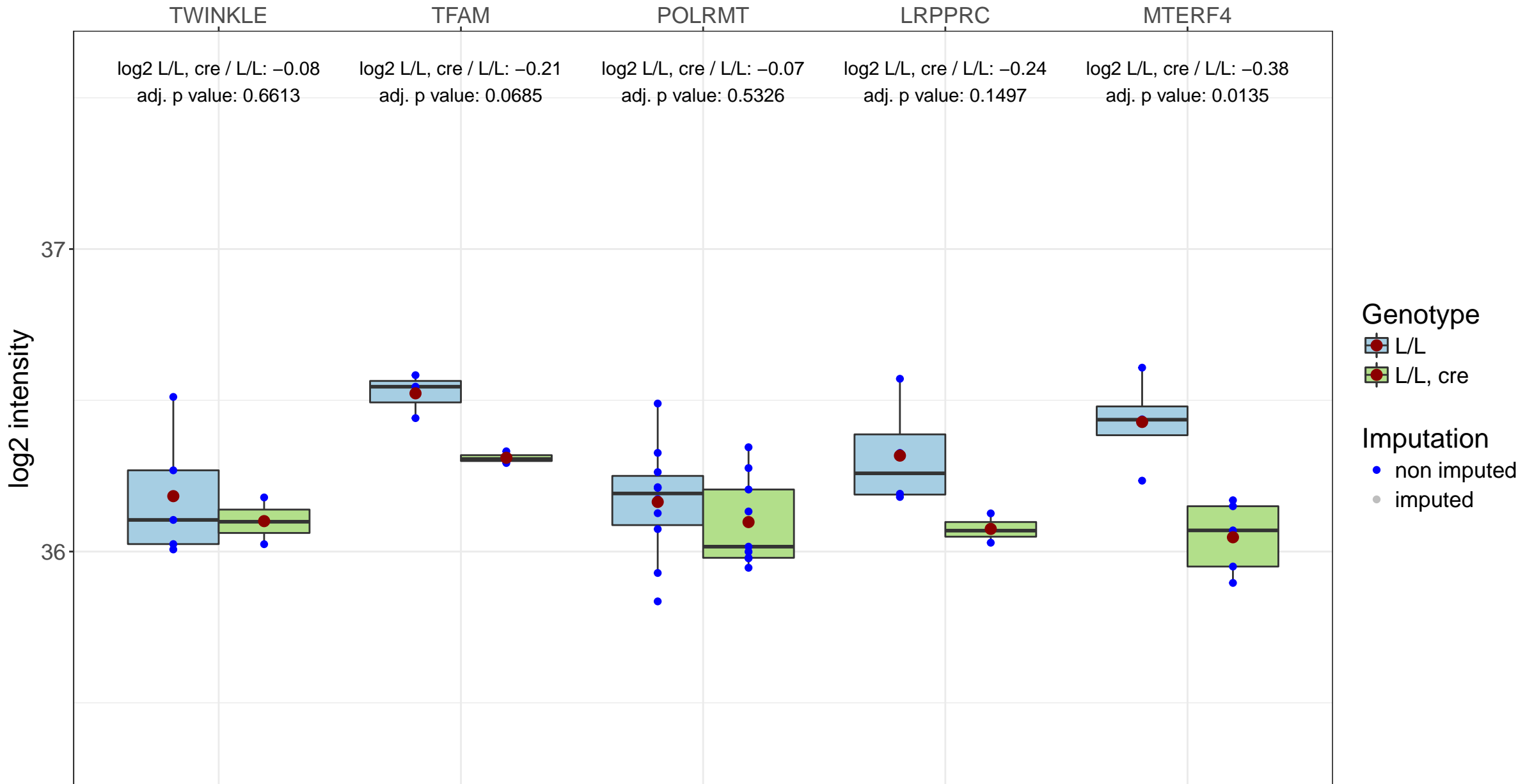
# GUF1 / Q8C3X4



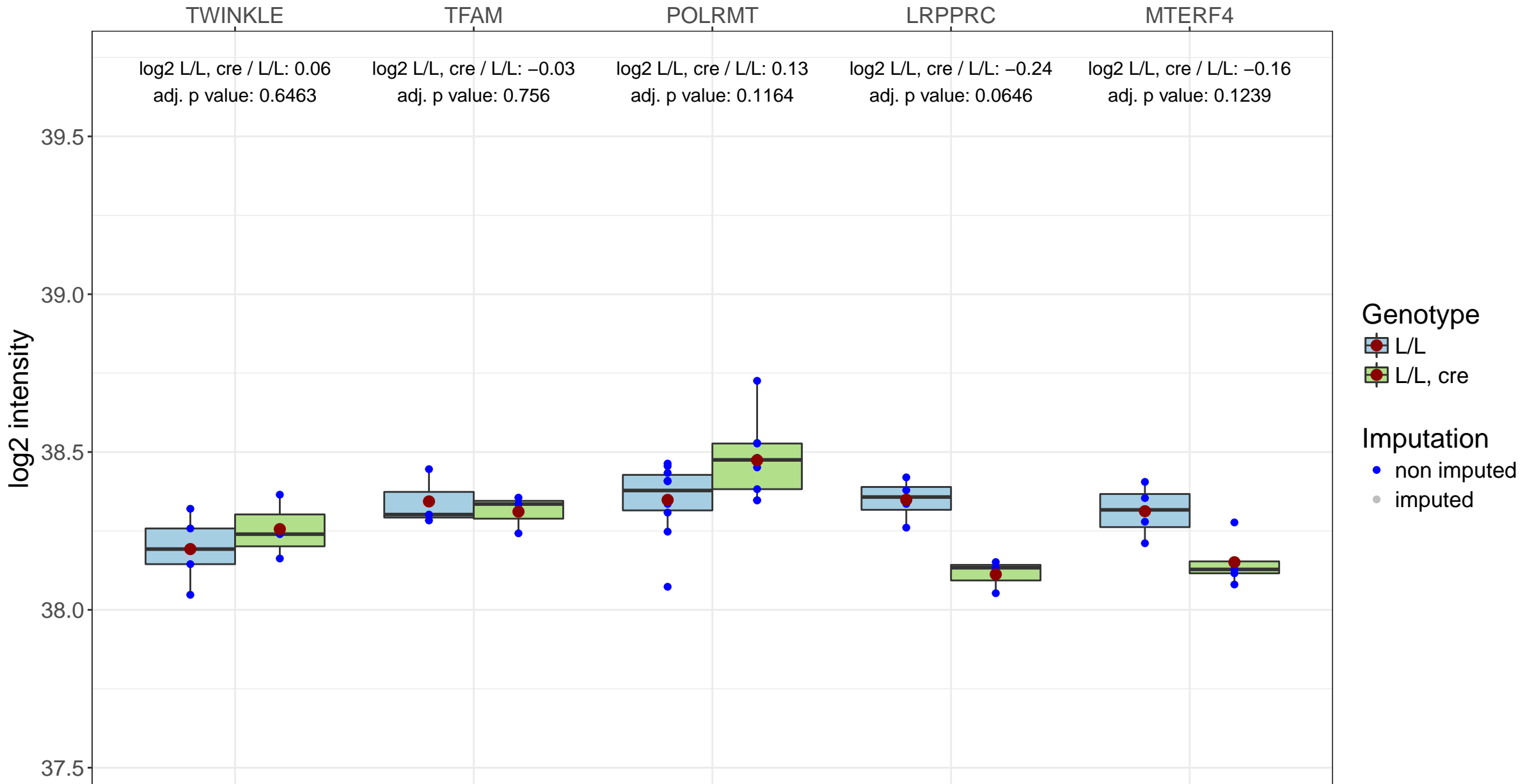
# GUK1 / Q64520



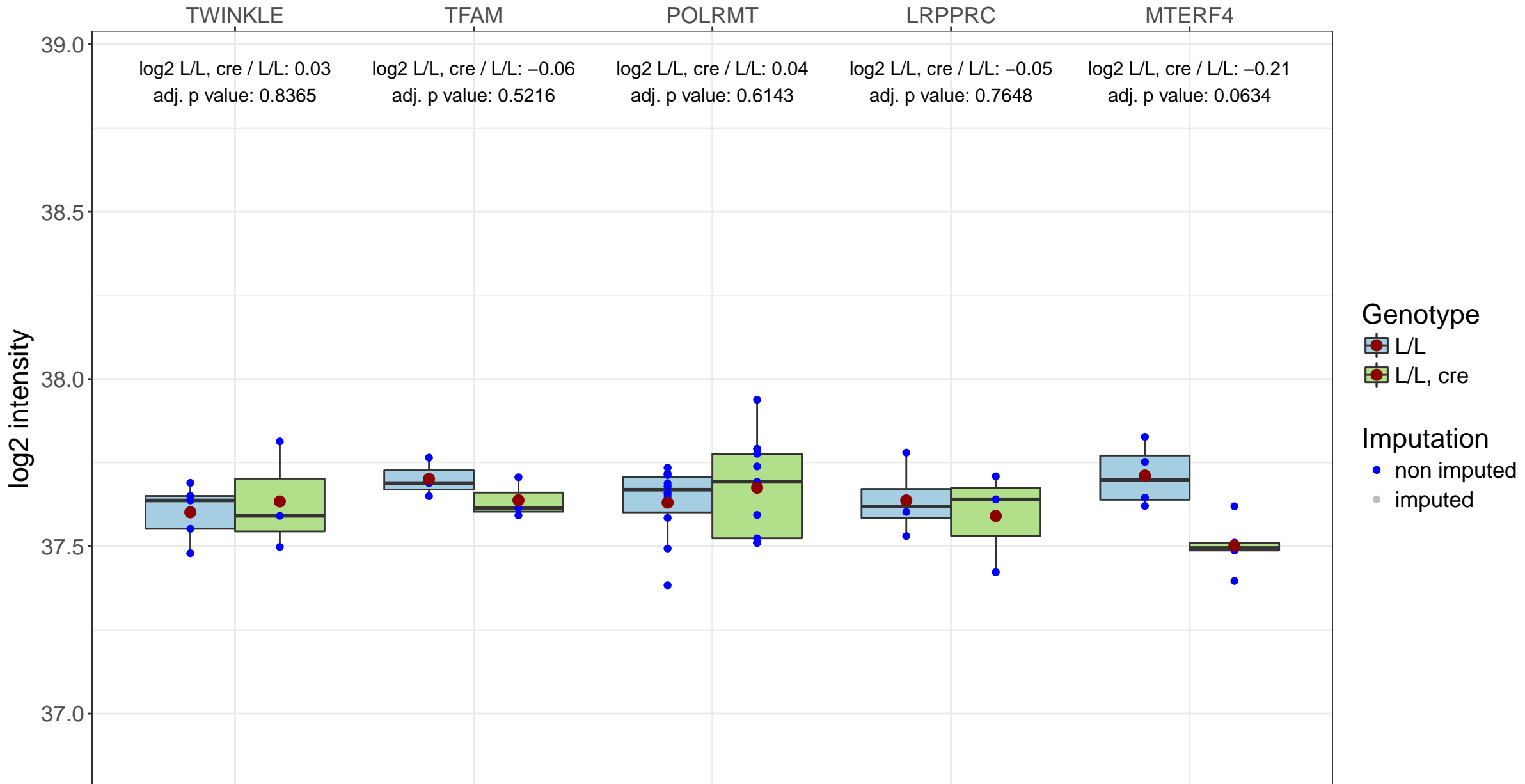
# HADH / Q61425



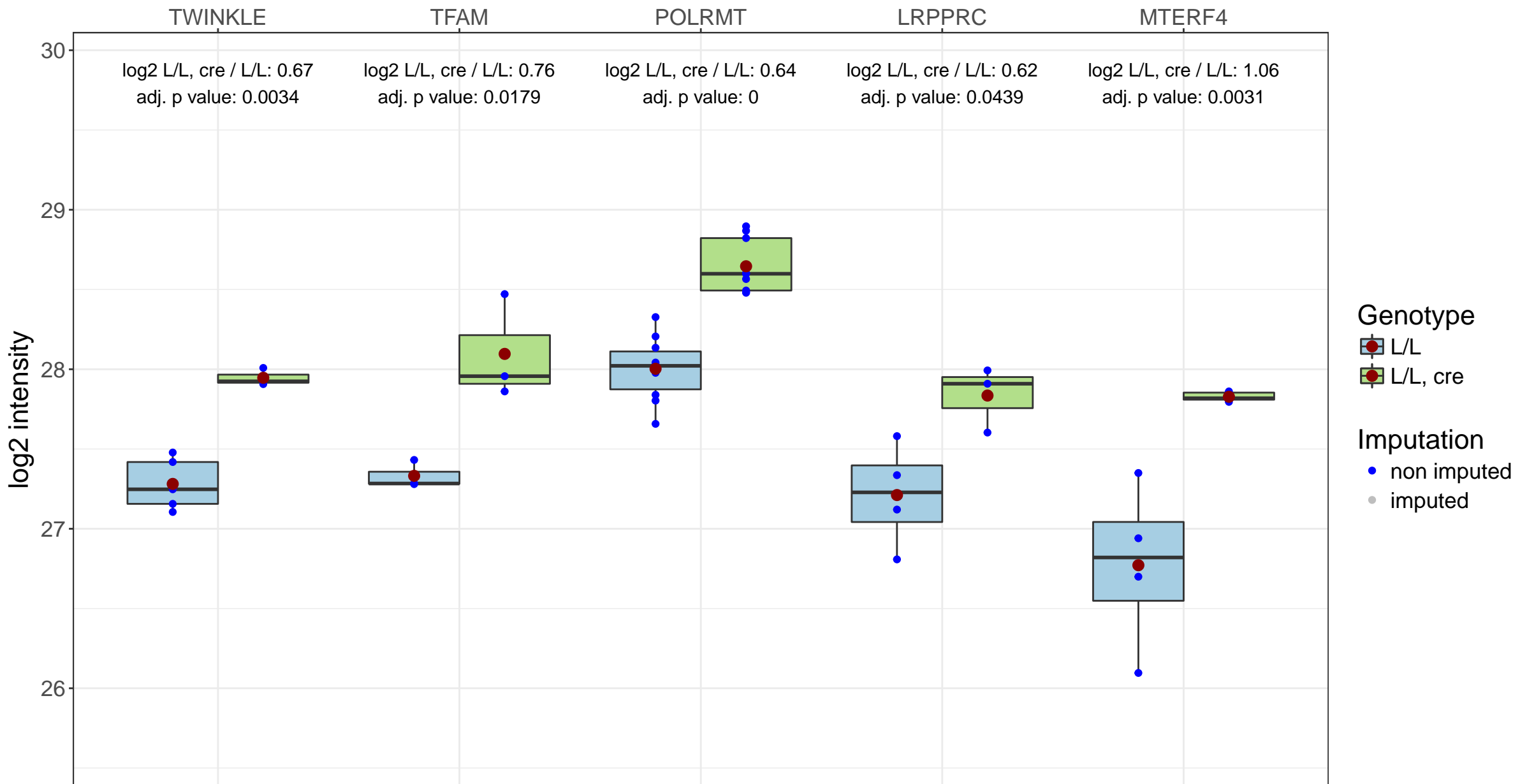
# HADHA / Q8BMS1



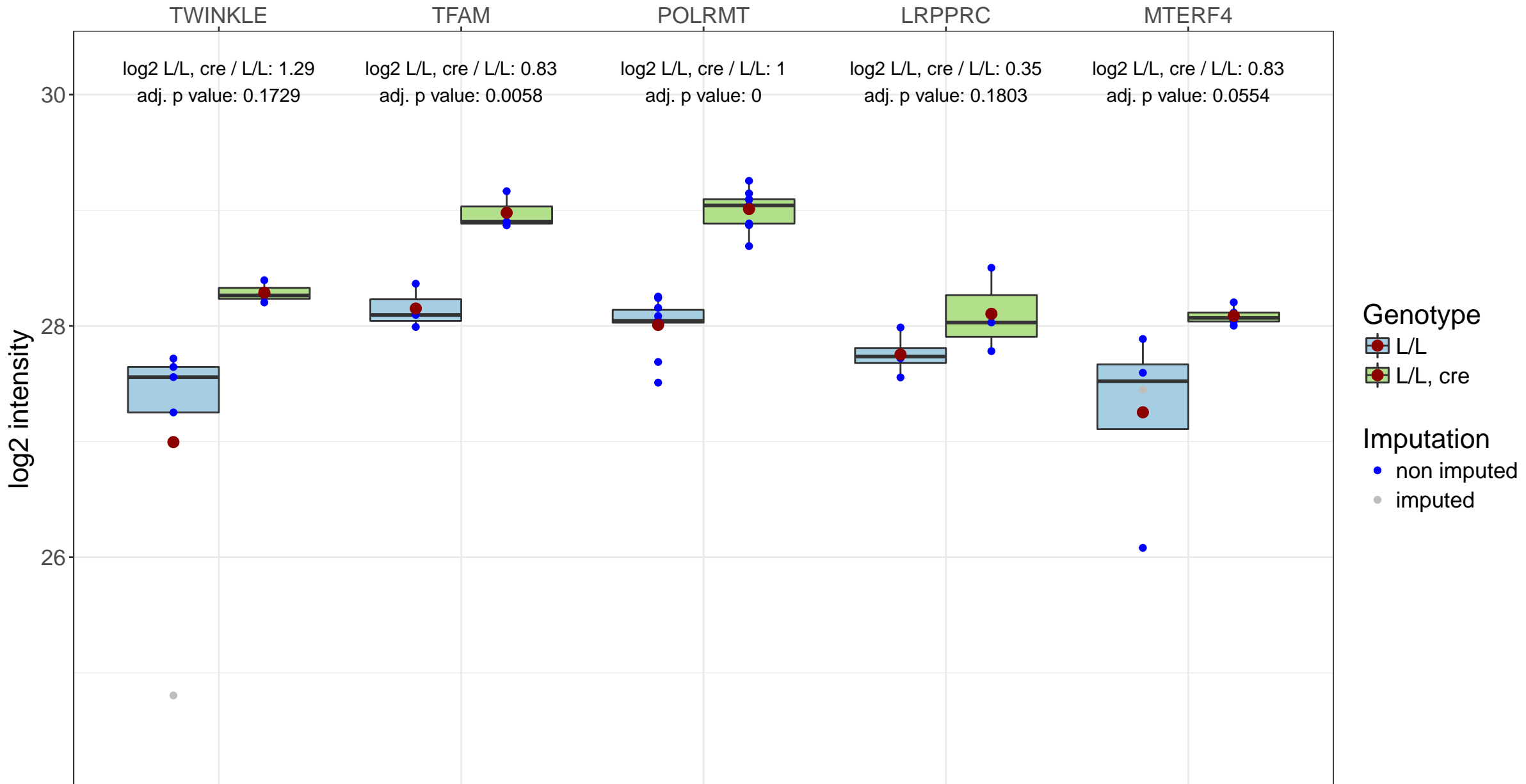
# HADHB / Q99JY0



# HAGH / G5E8T9

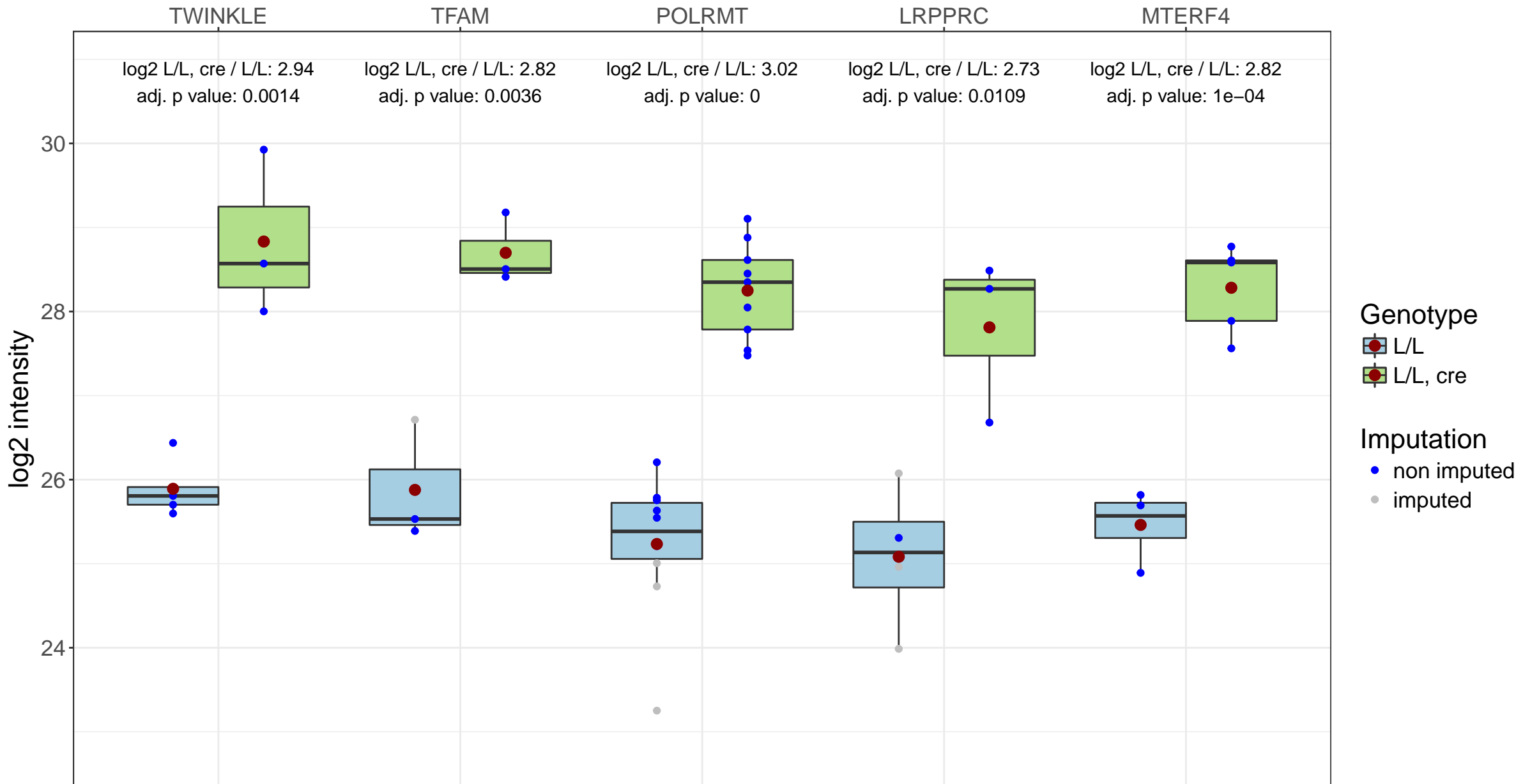


# HARS2 / Q99KK9

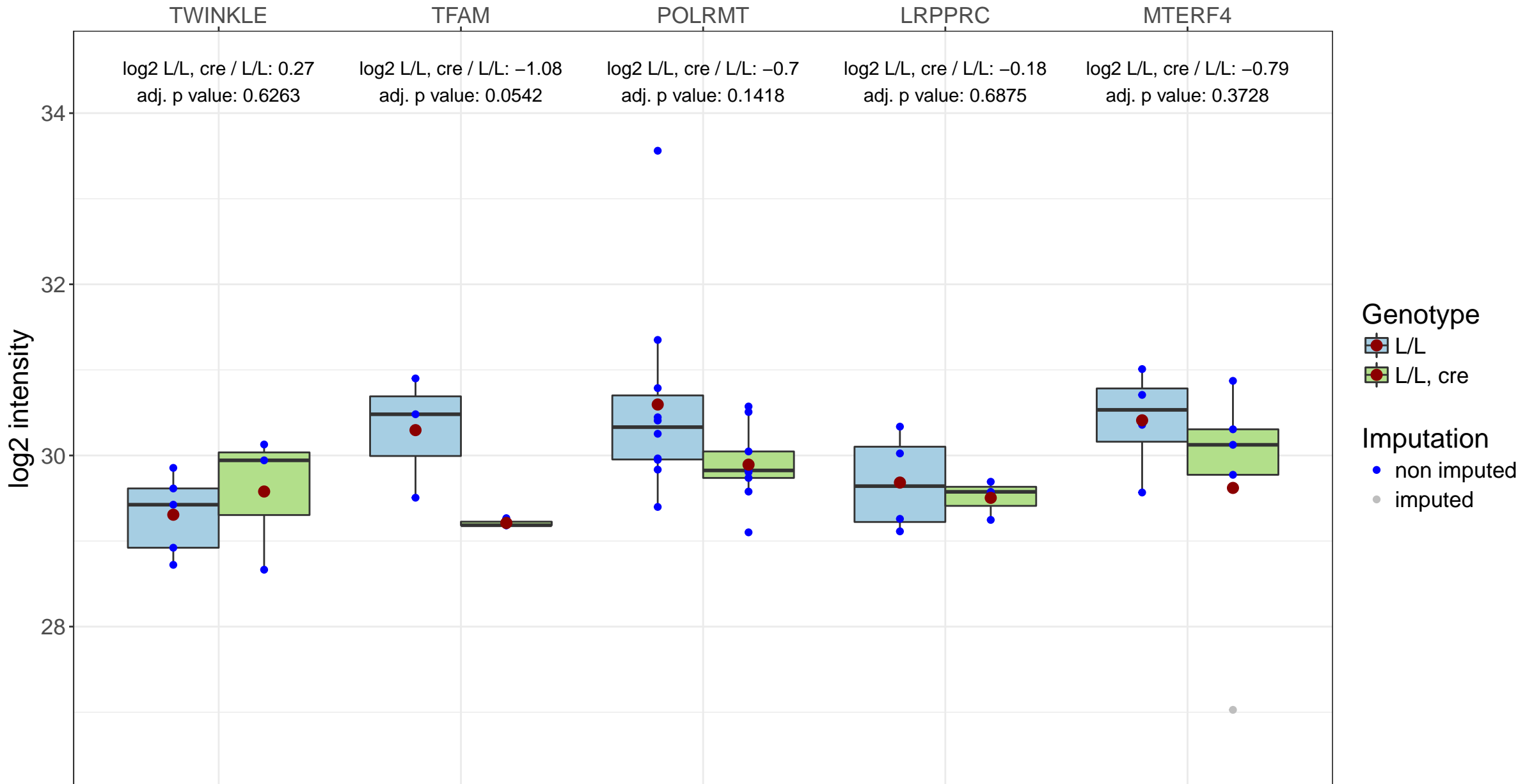




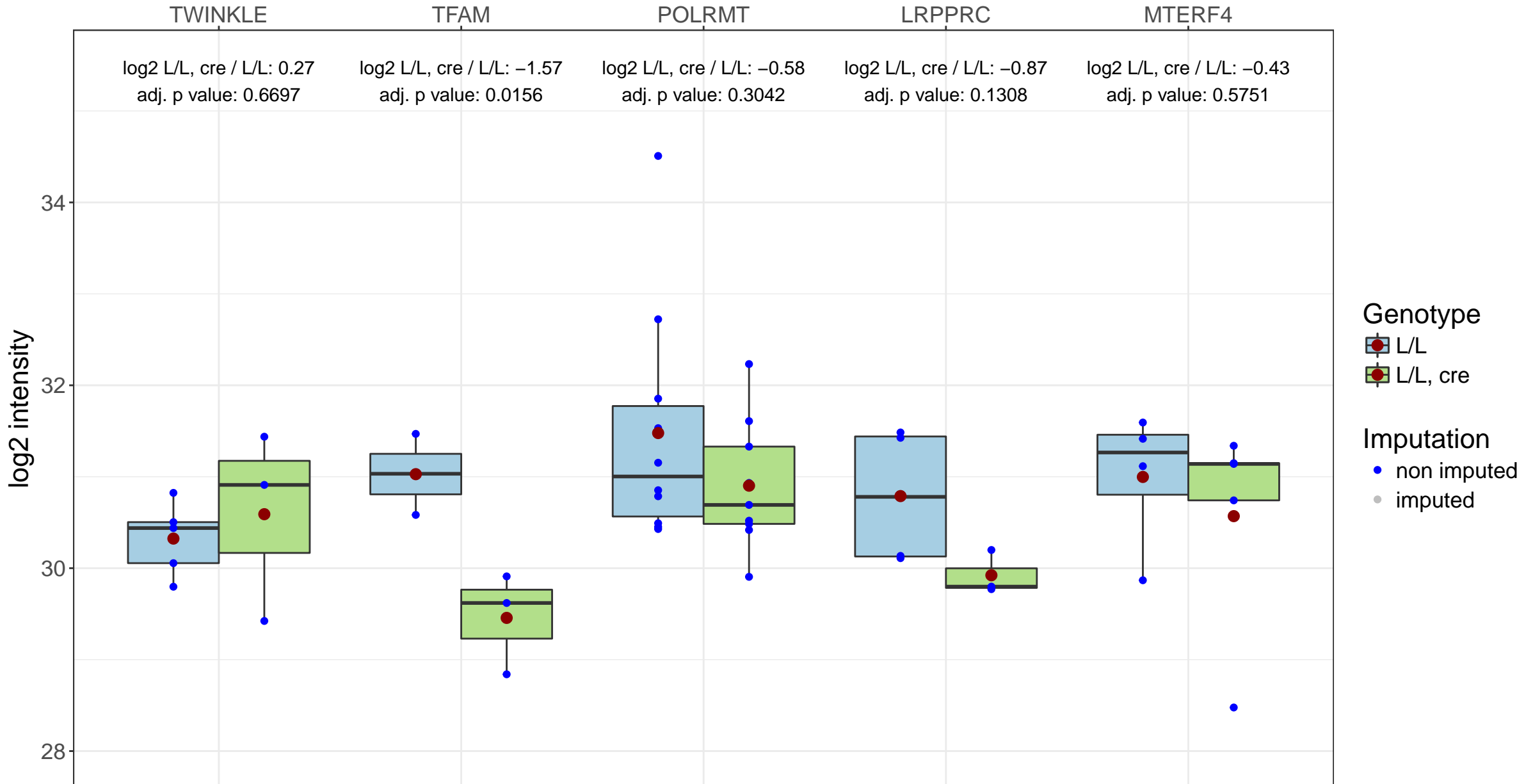
# HAX1 / O35387



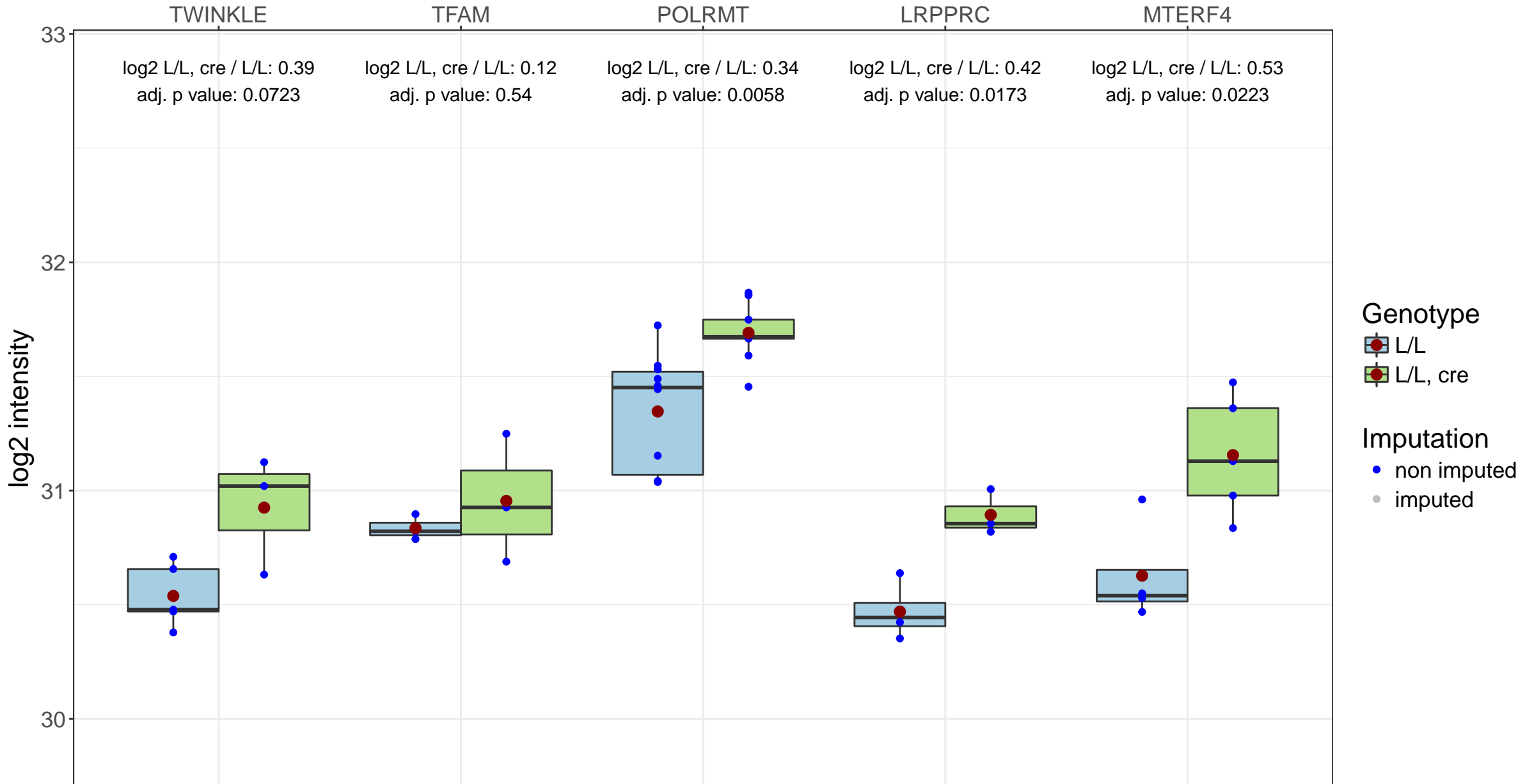
# HBA-A2 / Q91VB8



# HBBT1 / A8DUK4



# HCCS / P53702



# HDDC2 / Q3SXD3

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 L/L, cre / L/L: 0.25  
adj. p value: 0.4195

log2 L/L, cre / L/L: 0.34  
adj. p value: 0.6318

log2 intensity

28

27

26

25

24

Genotype

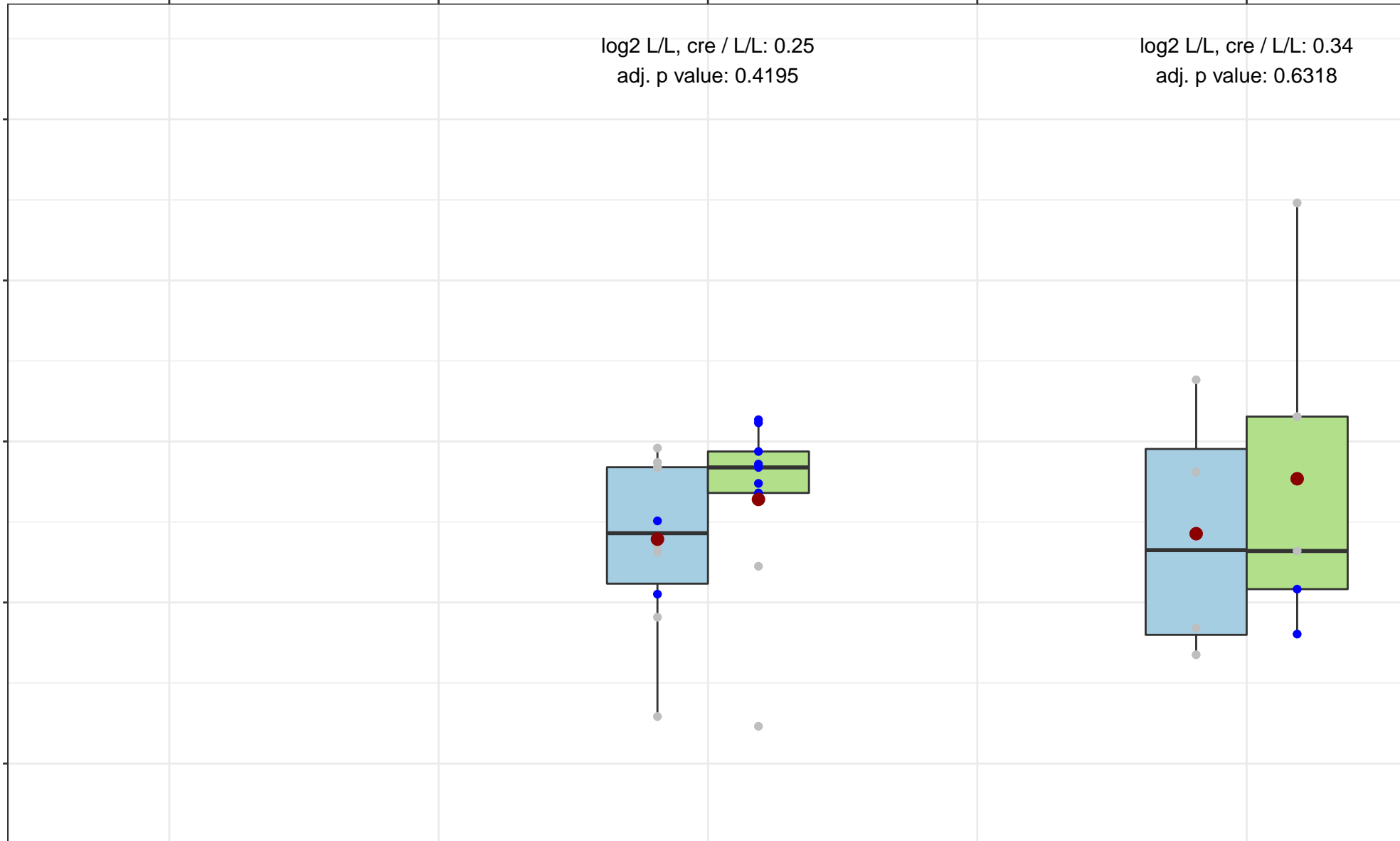
L/L

L/L, cre

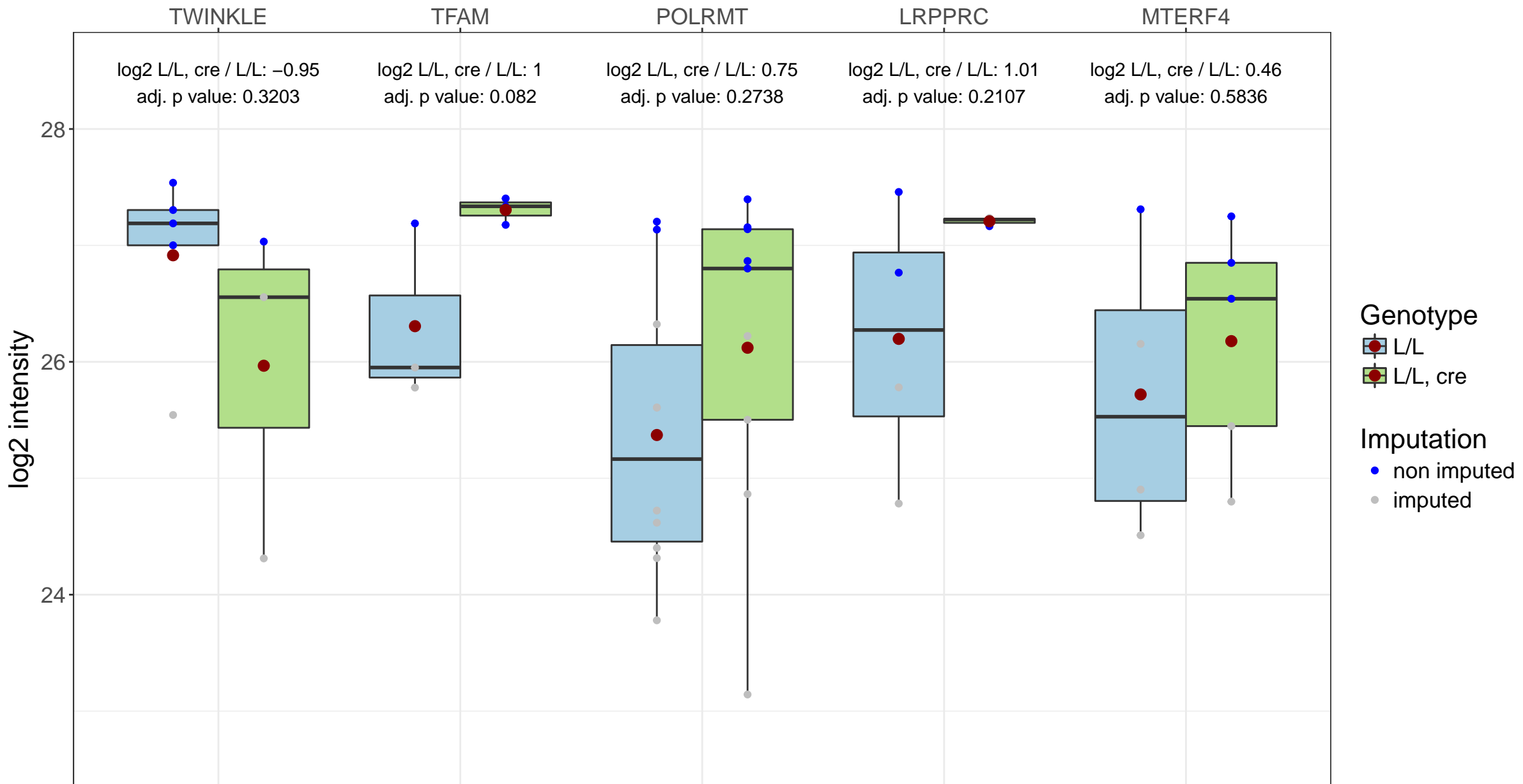
Imputation

non imputed

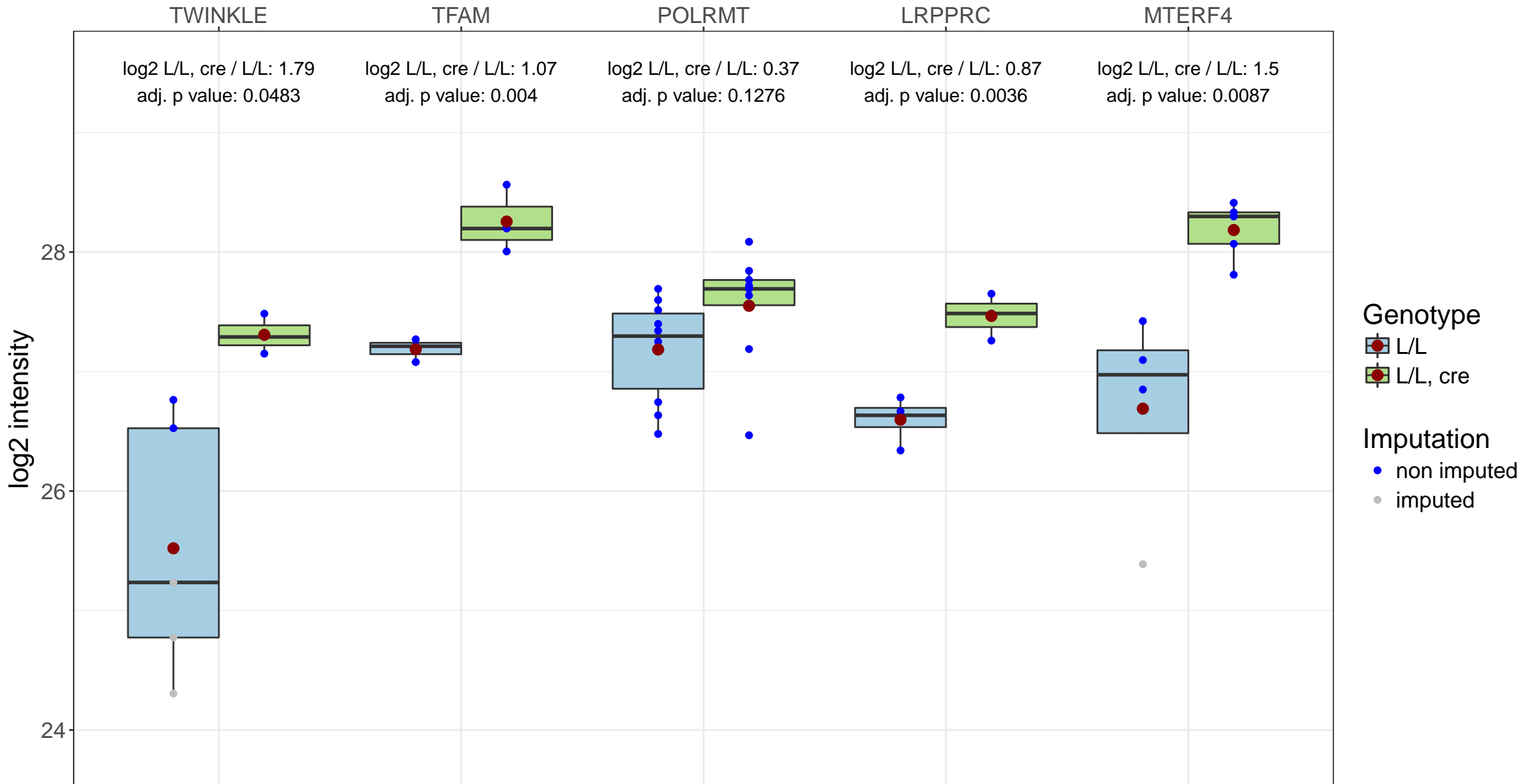
imputed



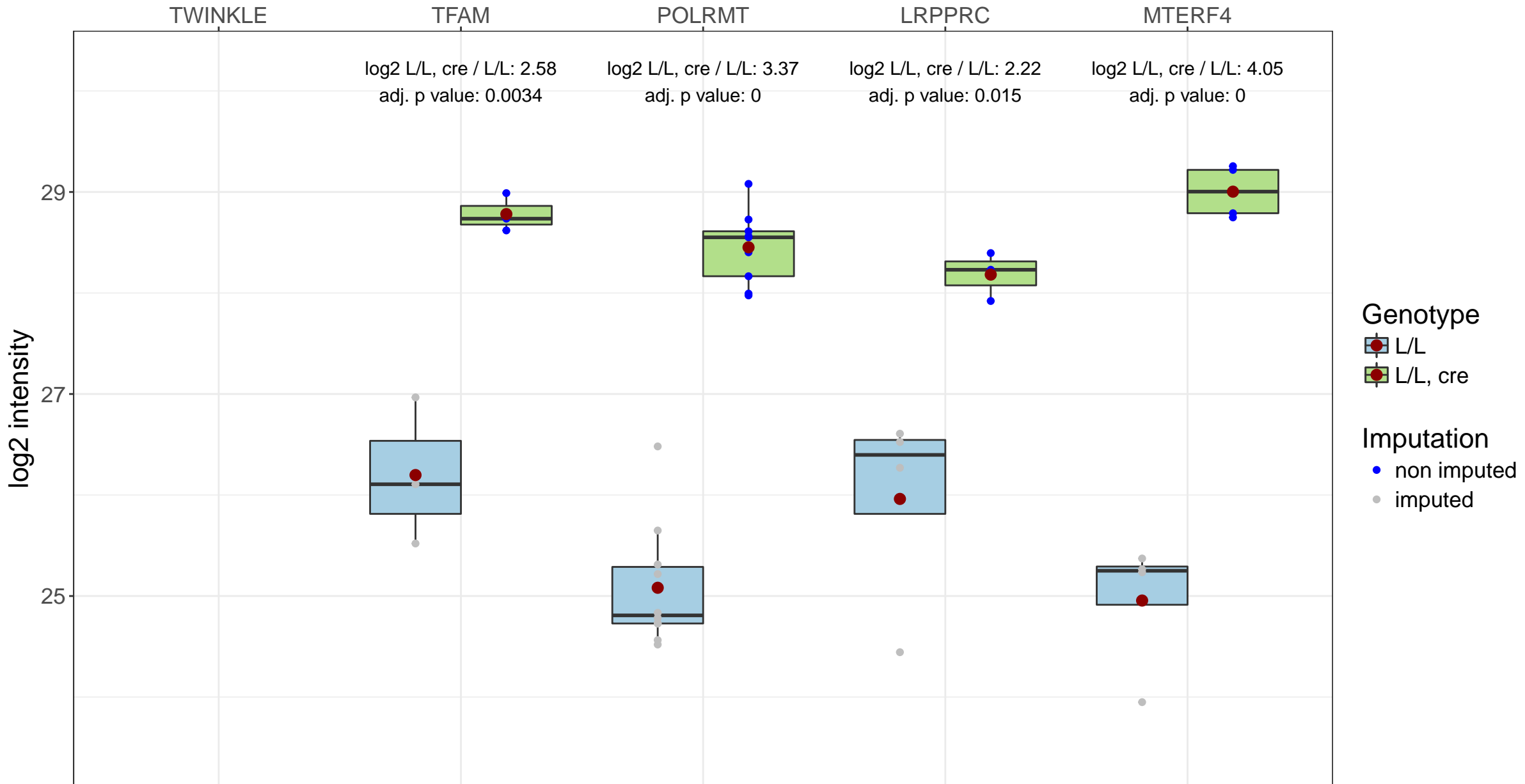
# HDHD2 / Q3UGR5



# HDHD3 / Q9CYW4

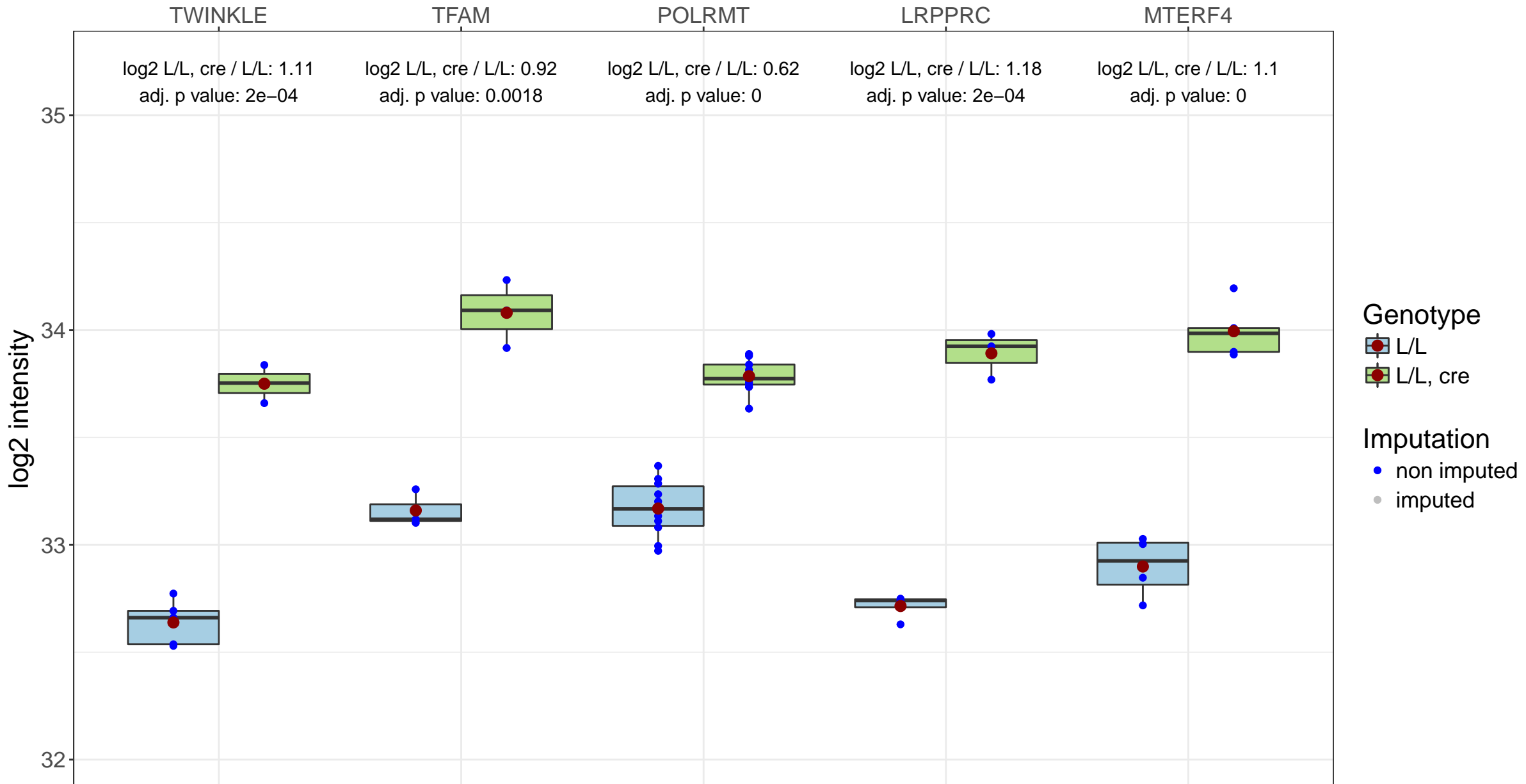


# HEBP1 / Q9R257

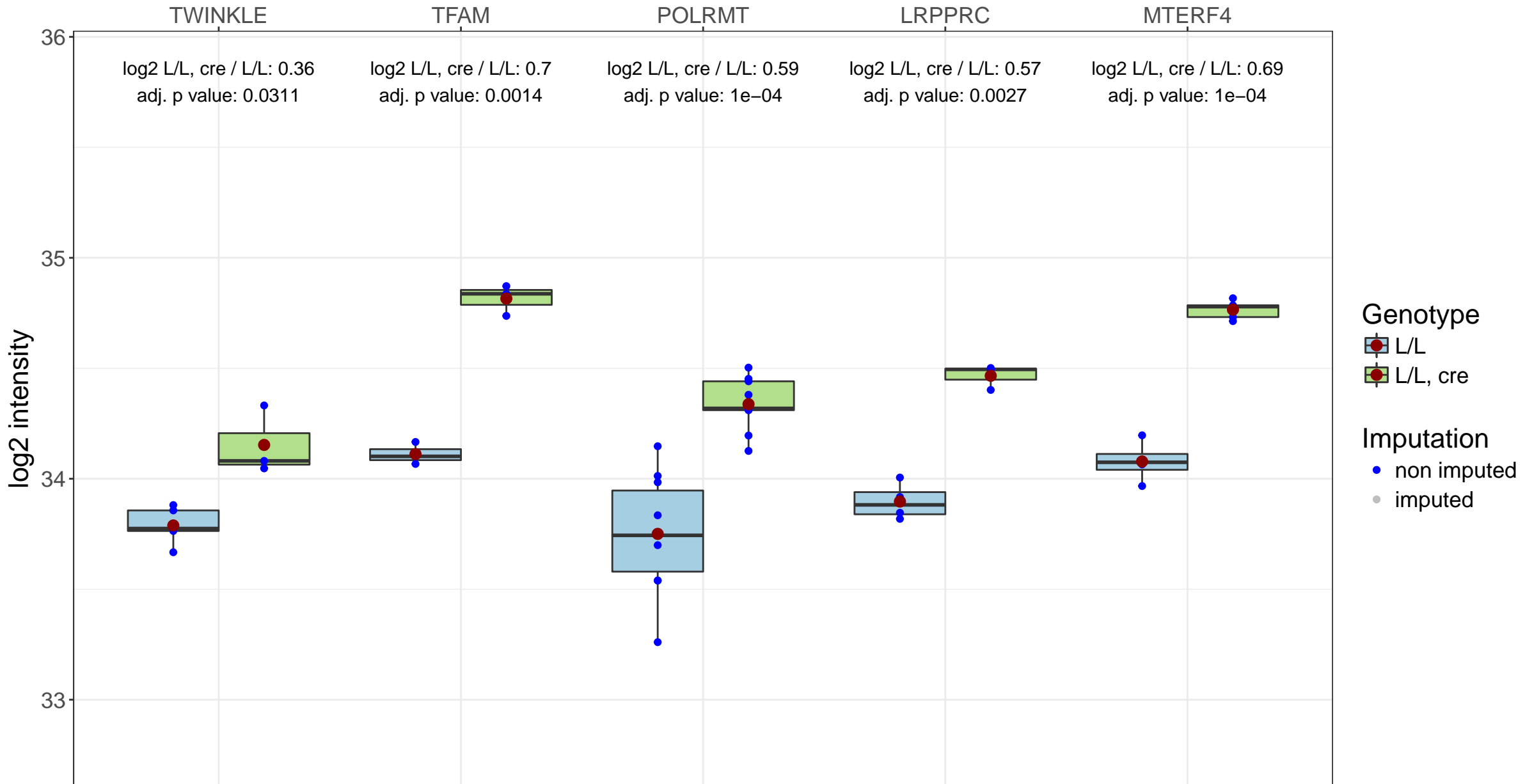




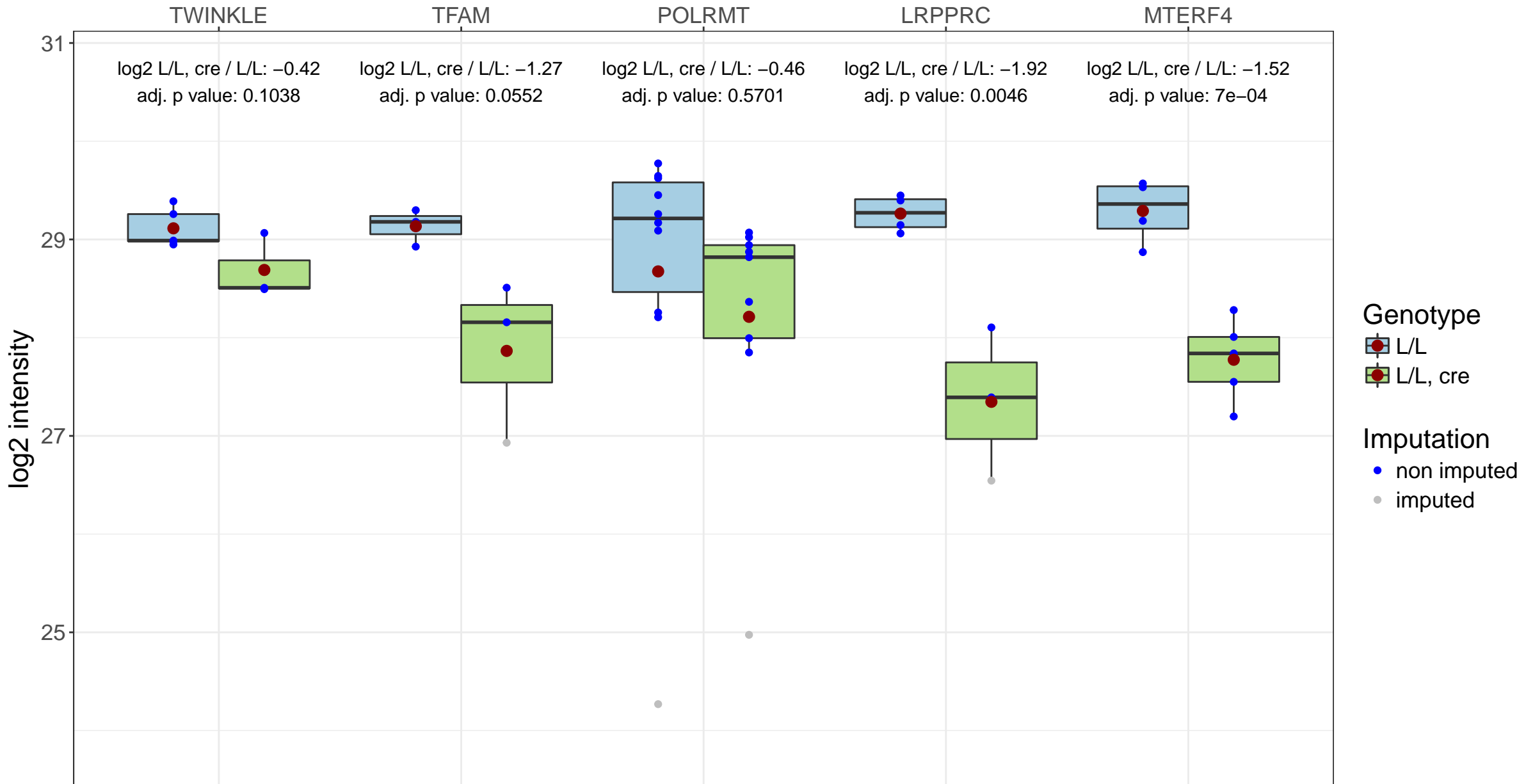
# HIBADH / Q99L13



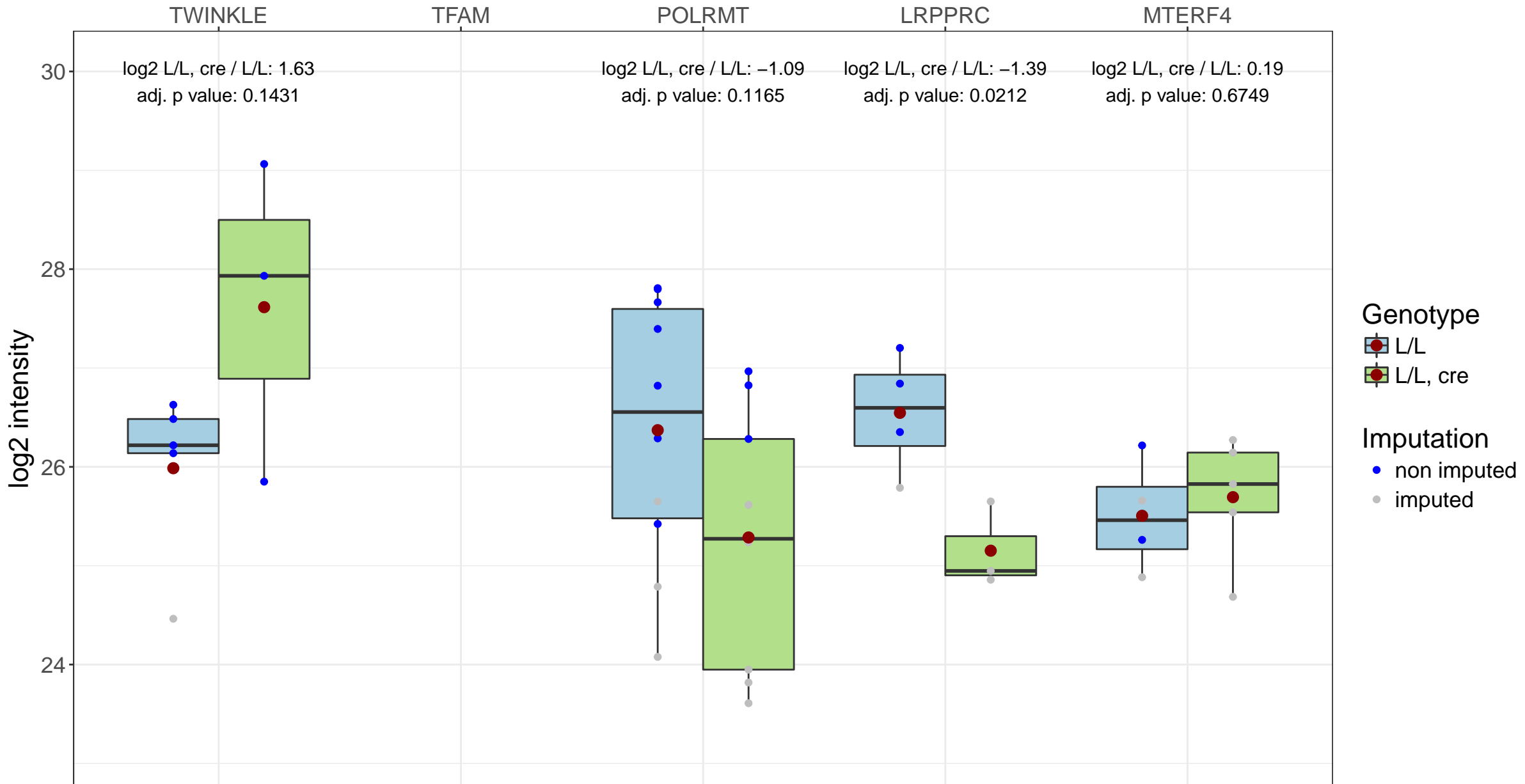
# HIBCH / Q8QZS1



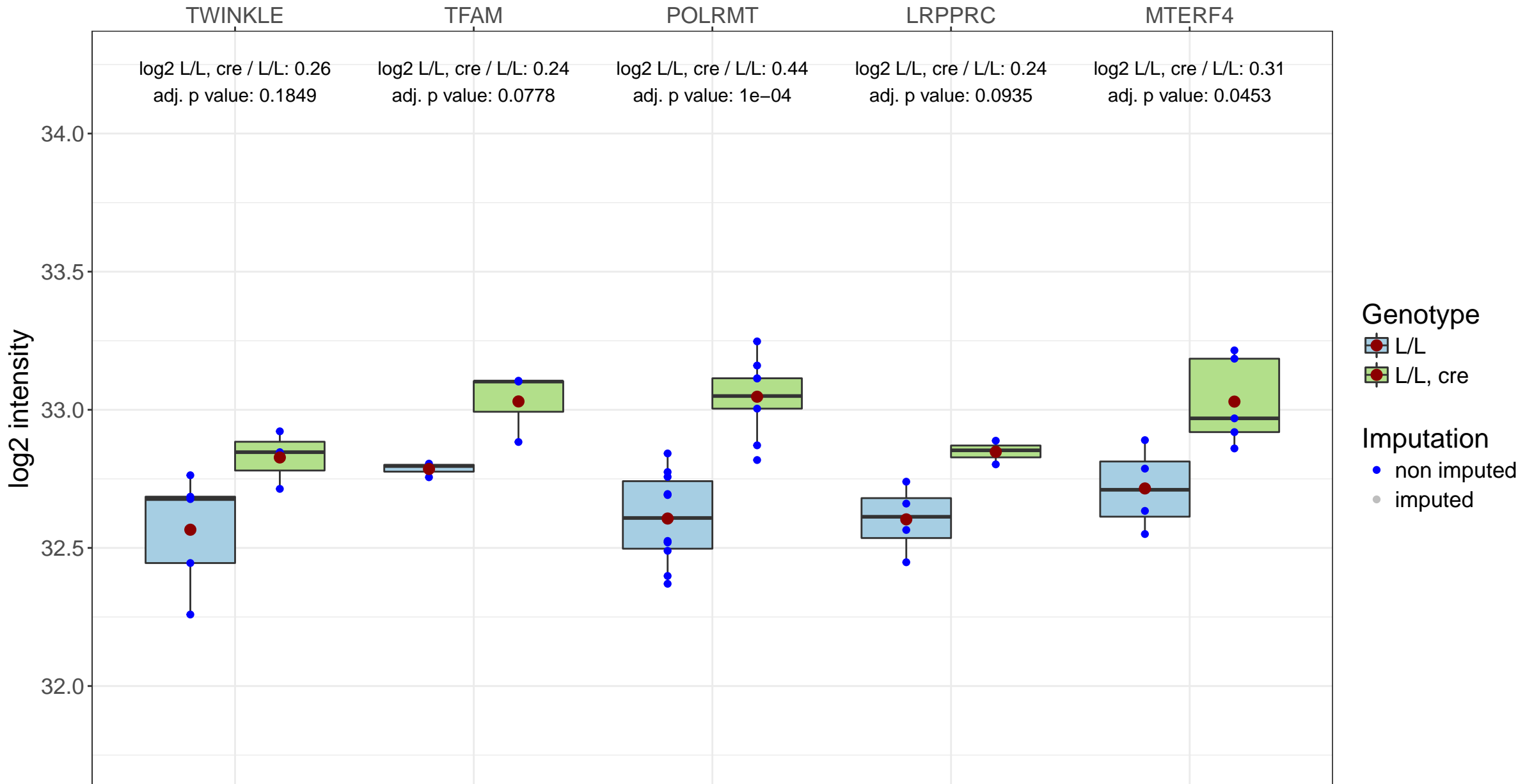
# HIGD1A / Q9JLR9



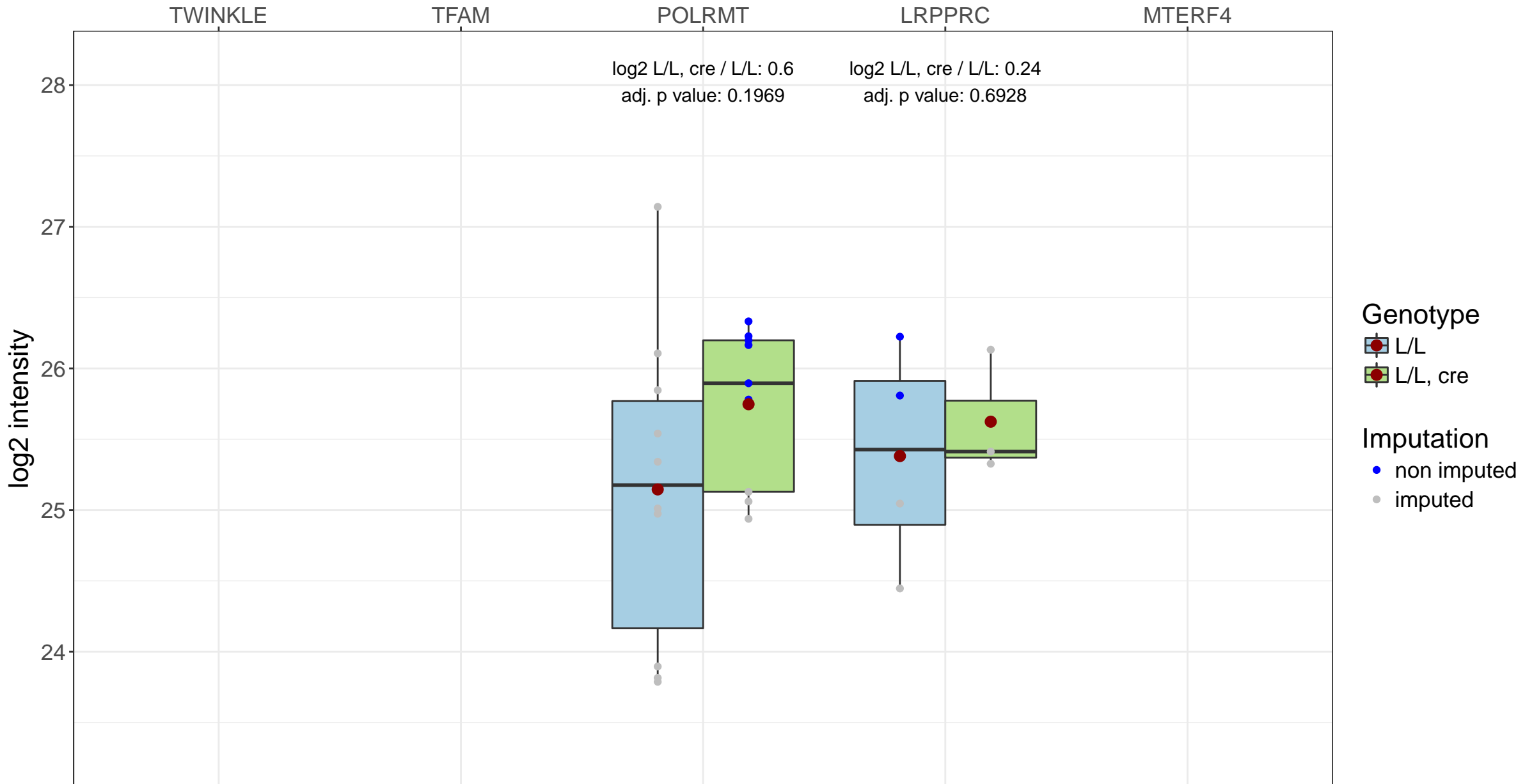
# HIGD2A / Q9CQJ1



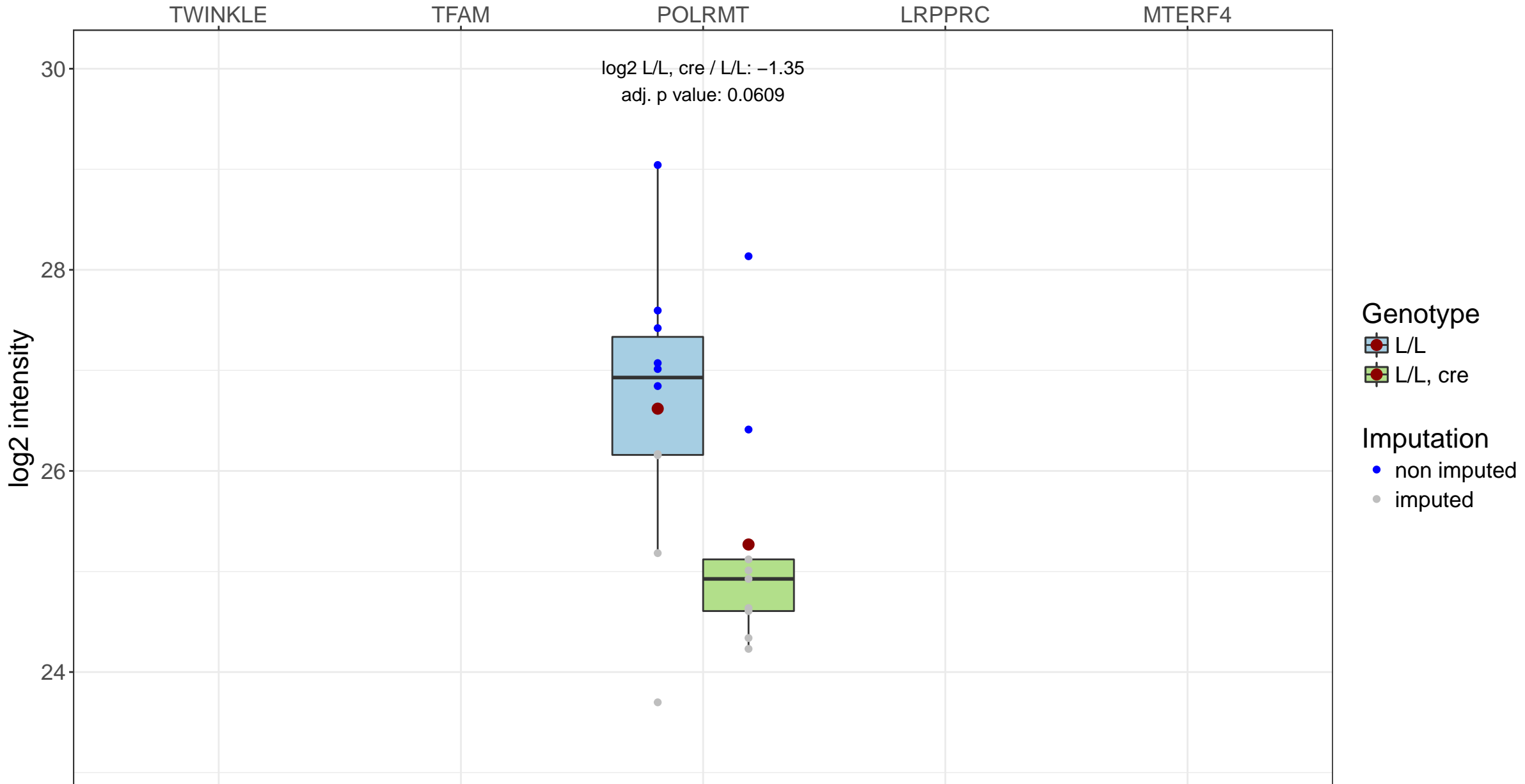
# HINT2 / Q9D0S9



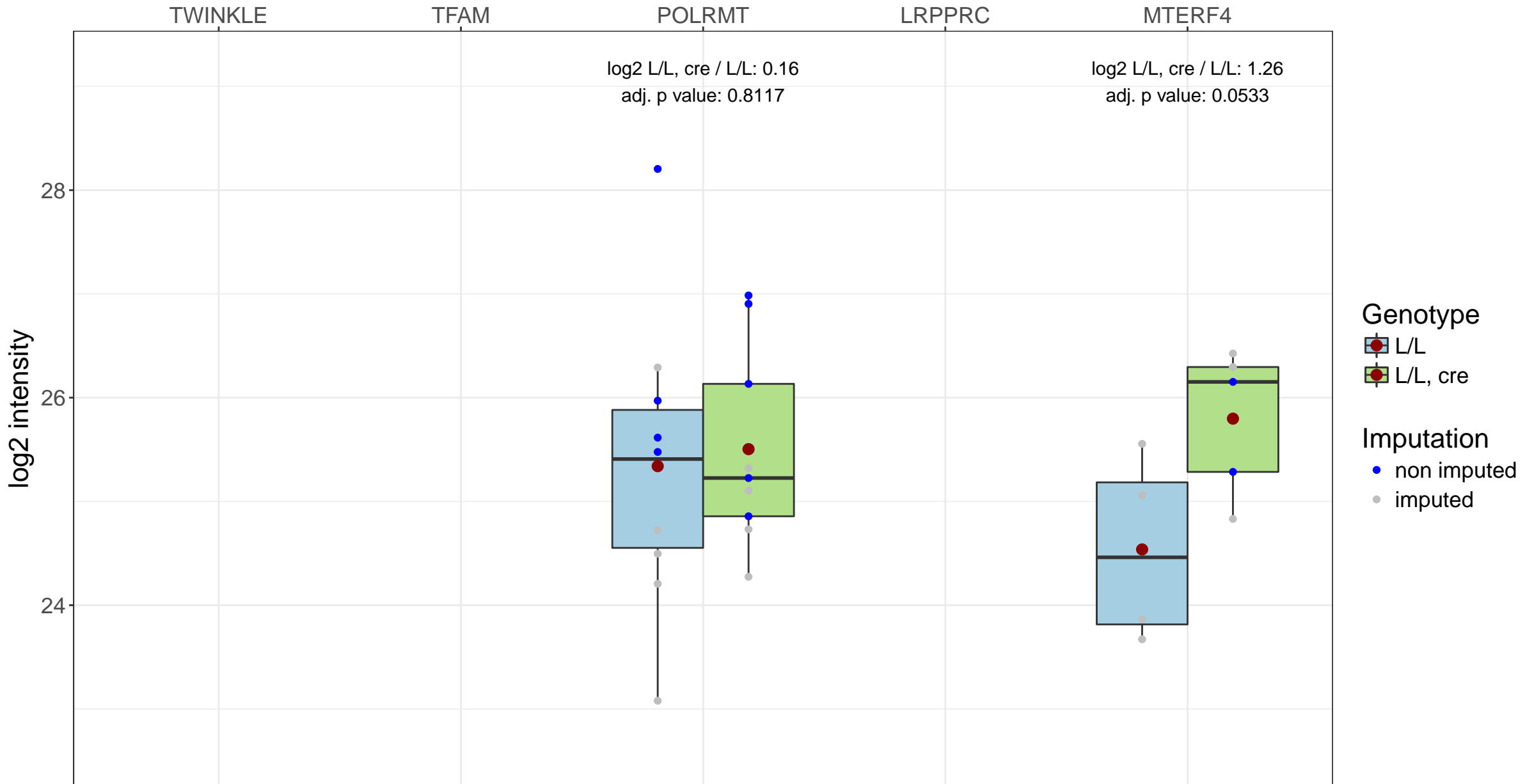
# HINT3 / Q9CPS6



# HIST1H1C / P15864

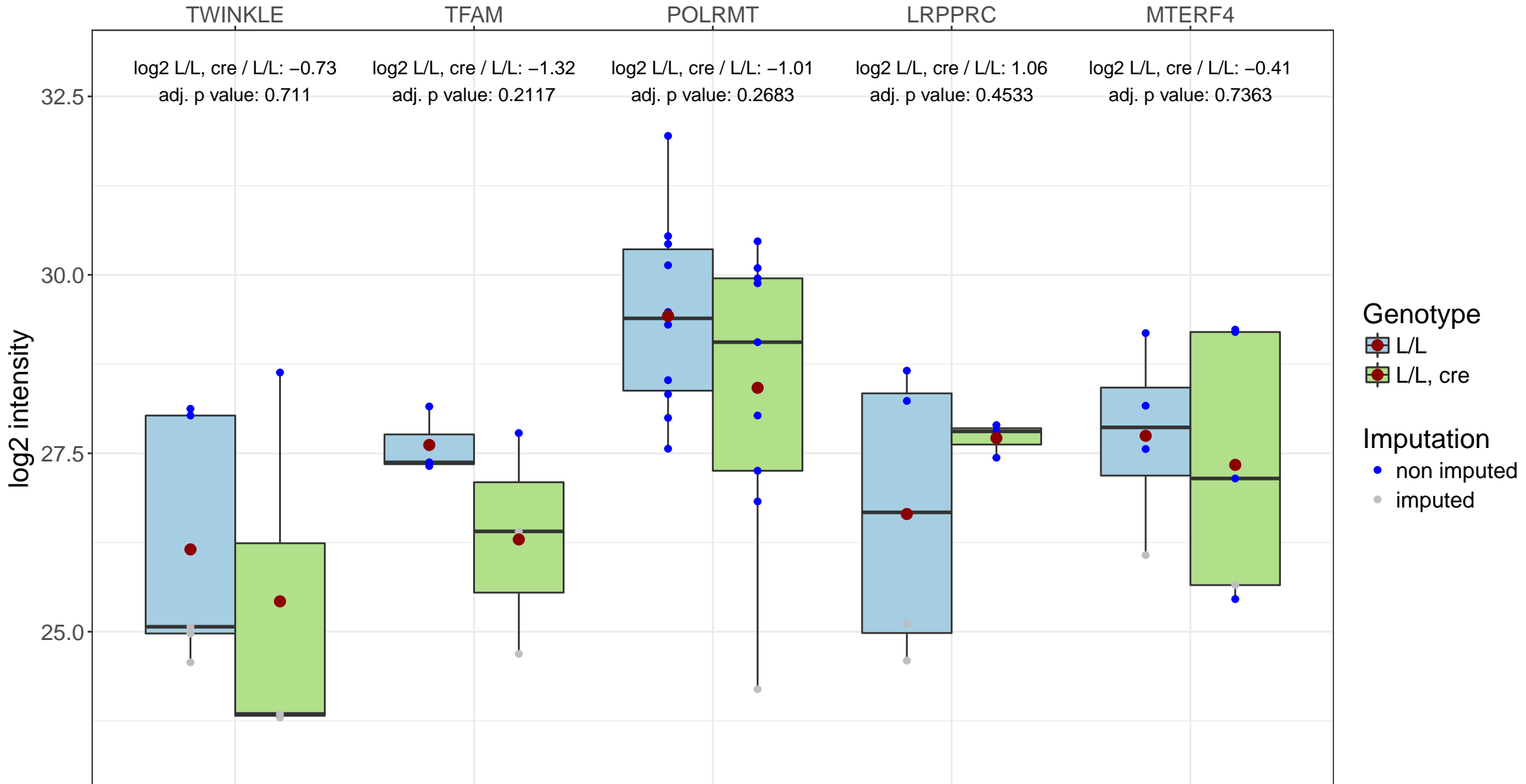


# HIST1H2AH / Q8CGP6

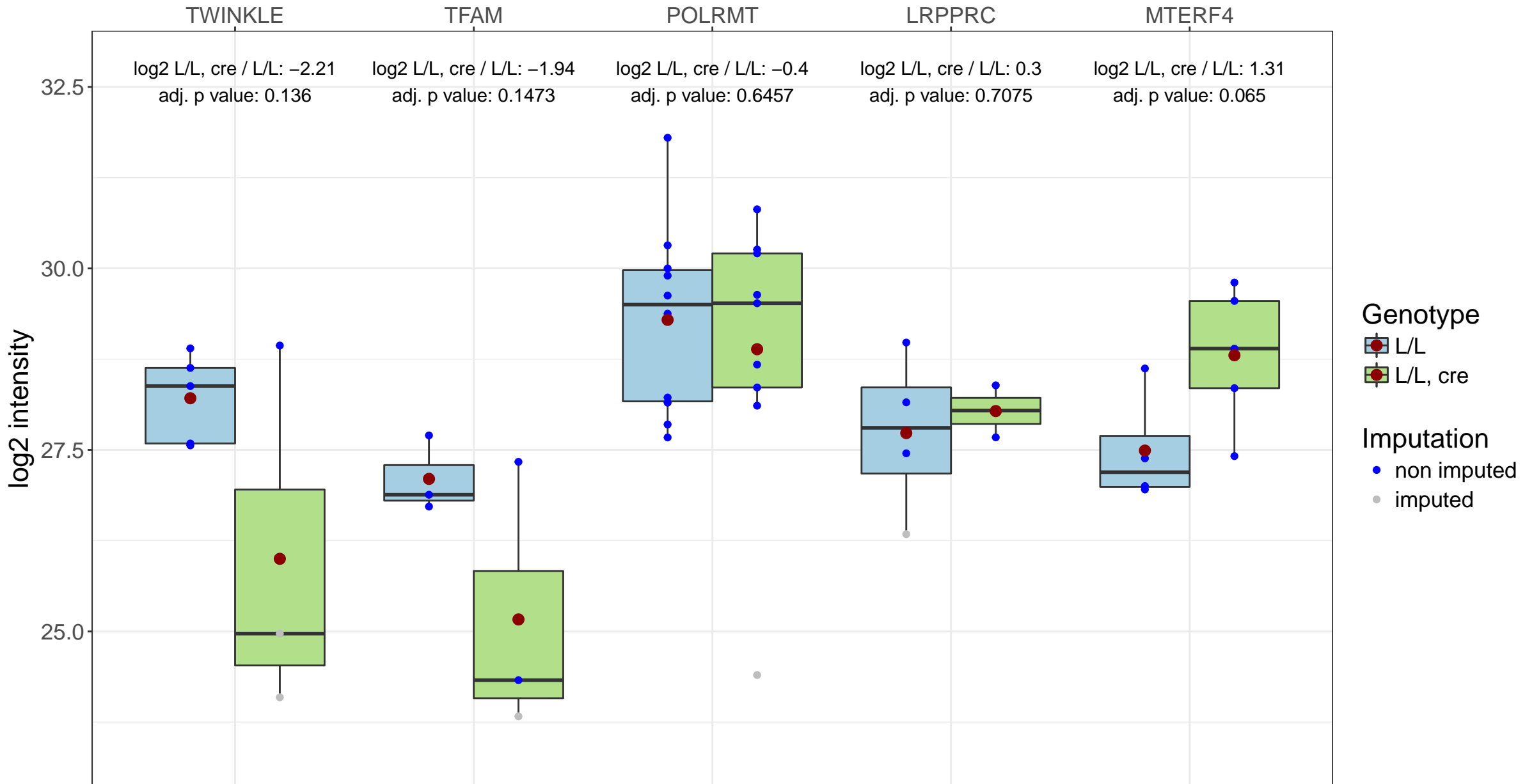




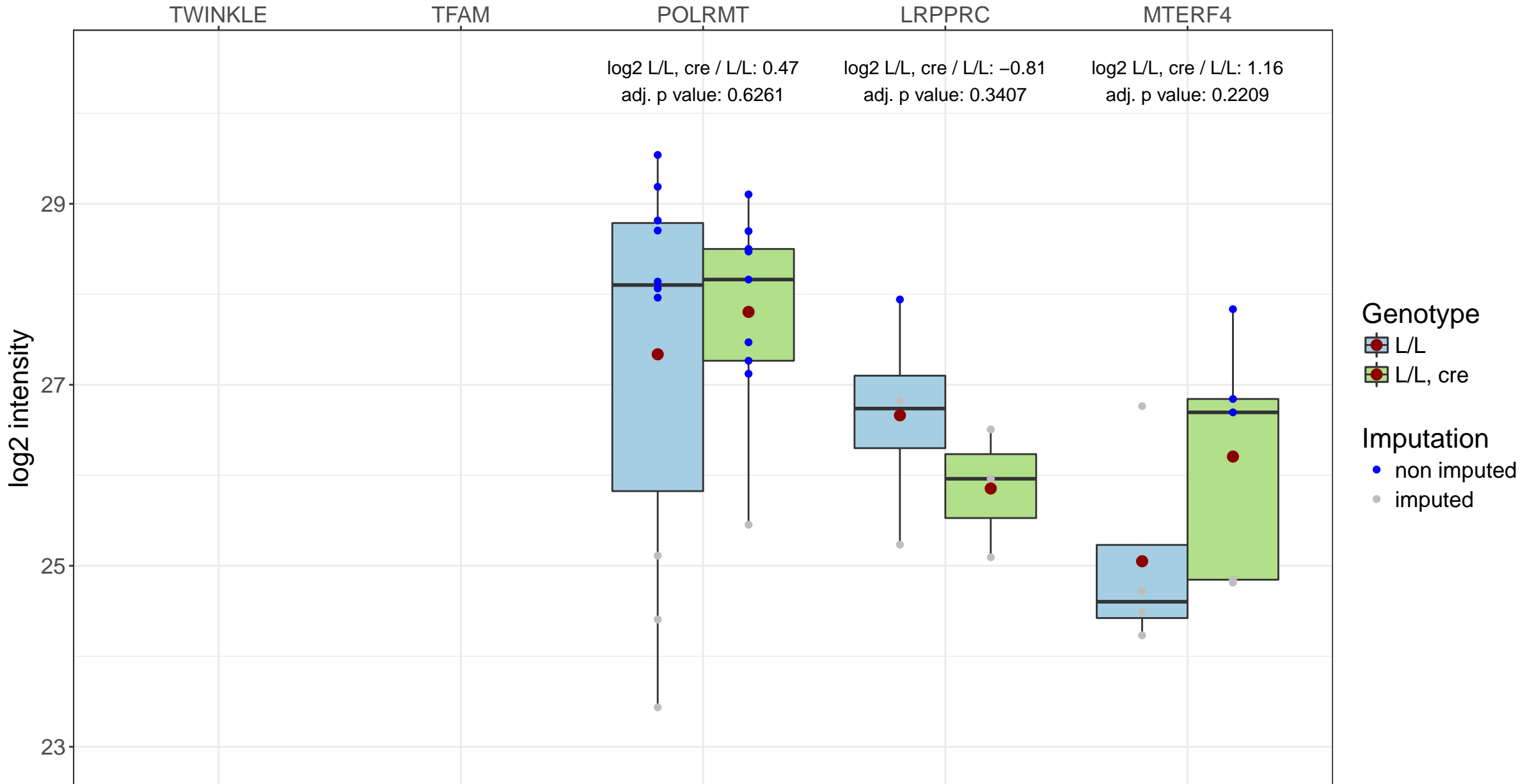
# HIST1H2AL / F8WIX8



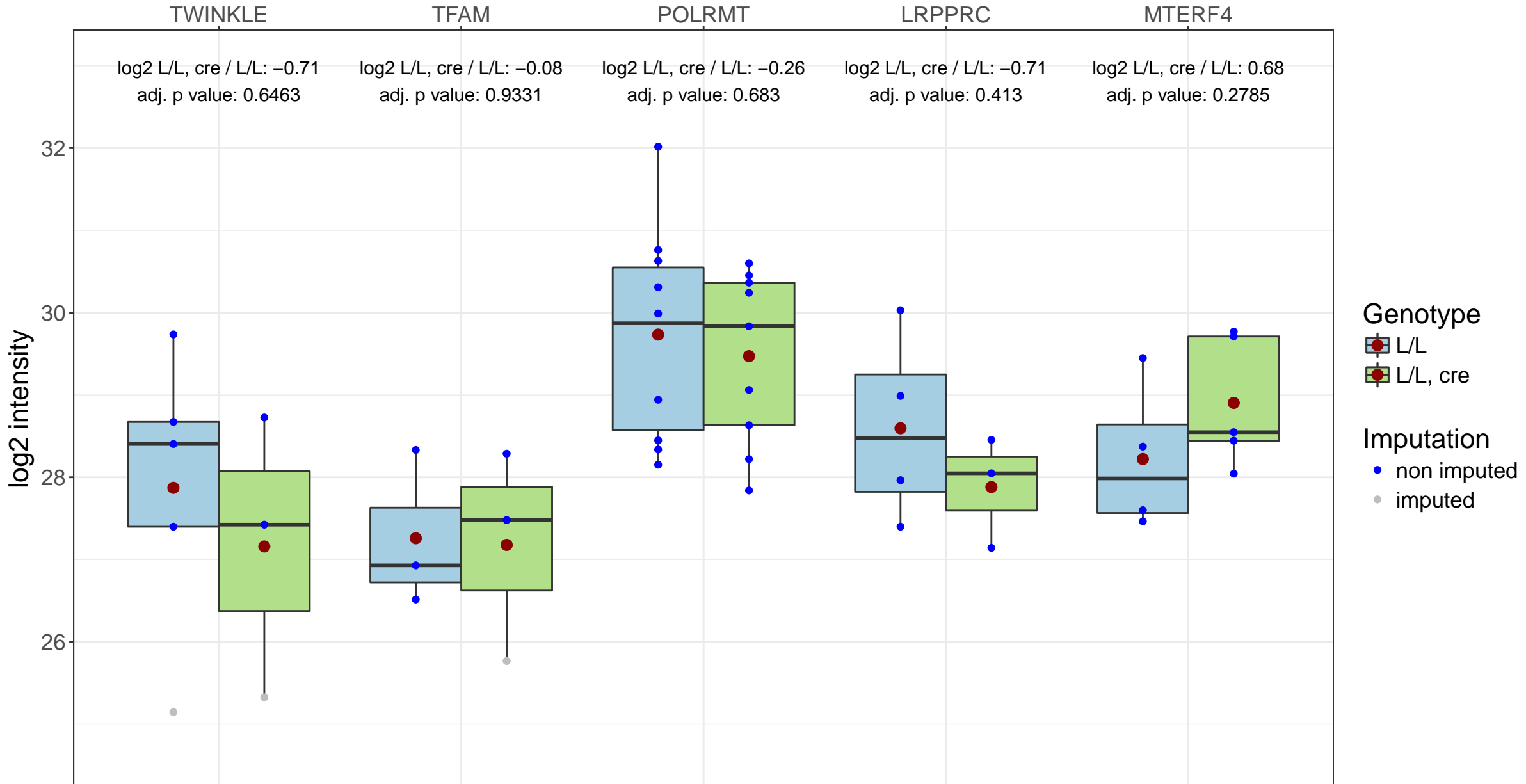
# HIST1H2BC / Q6ZWY9



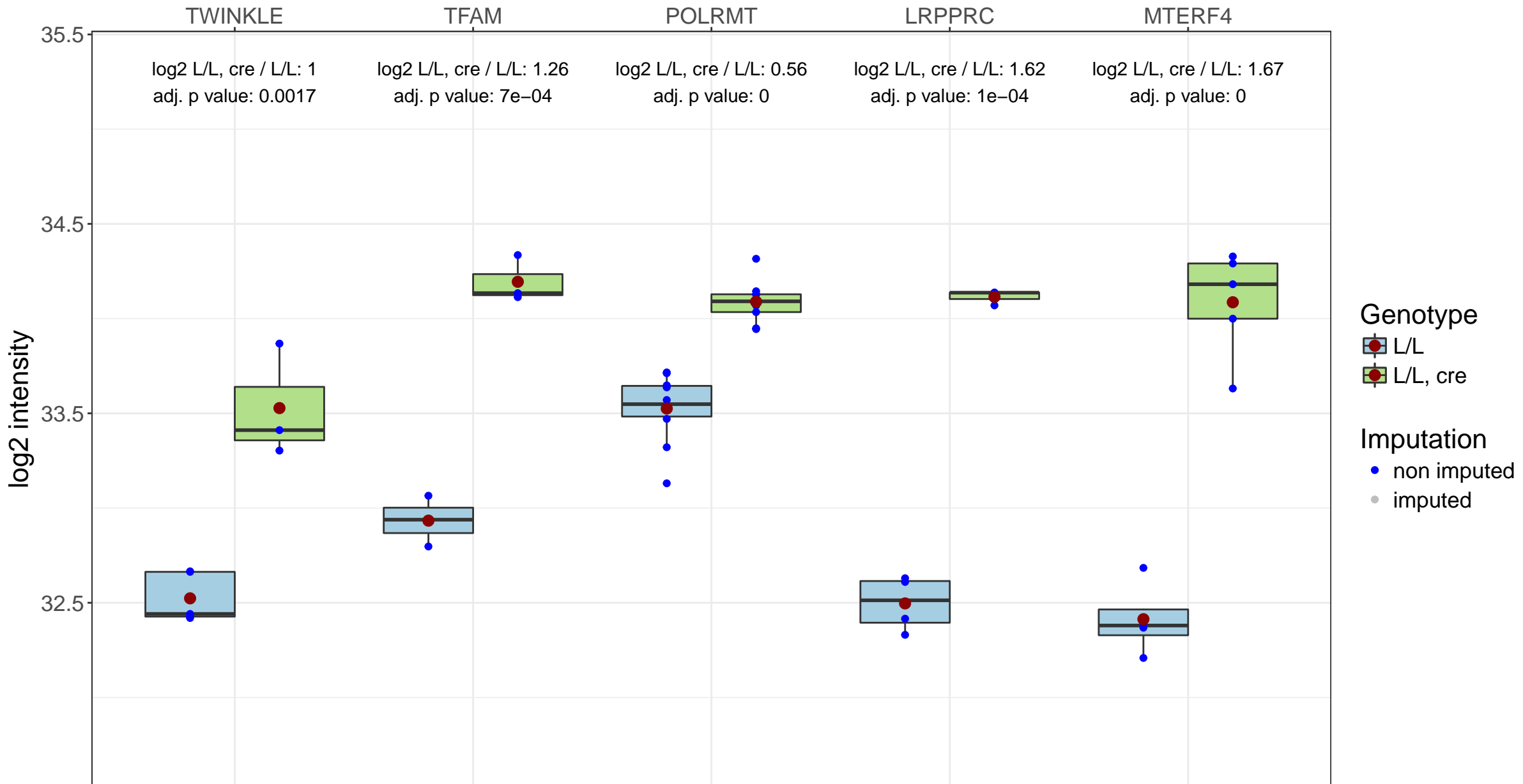
# HIST1H3B / P84228



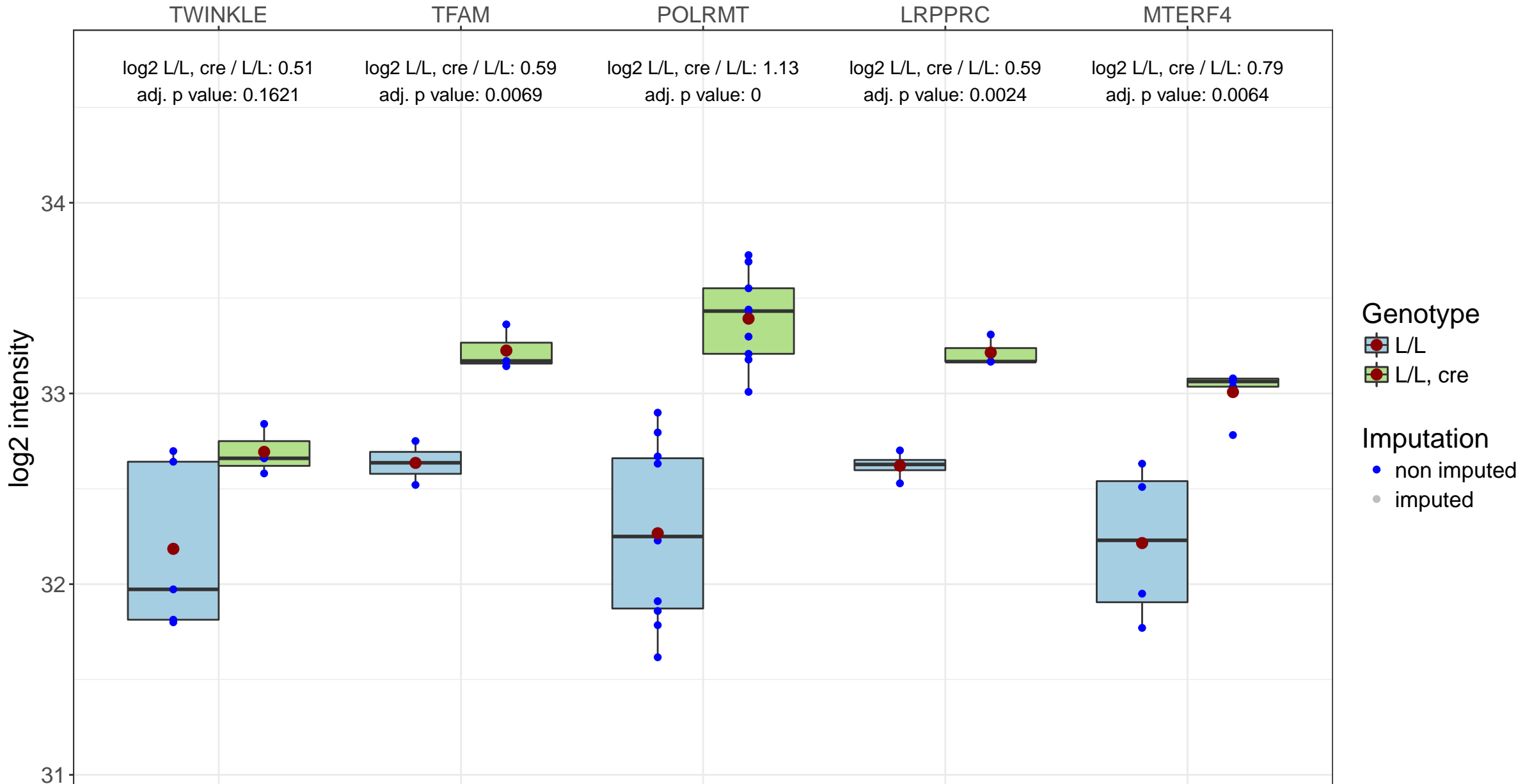
# HIST1H4A / P62806



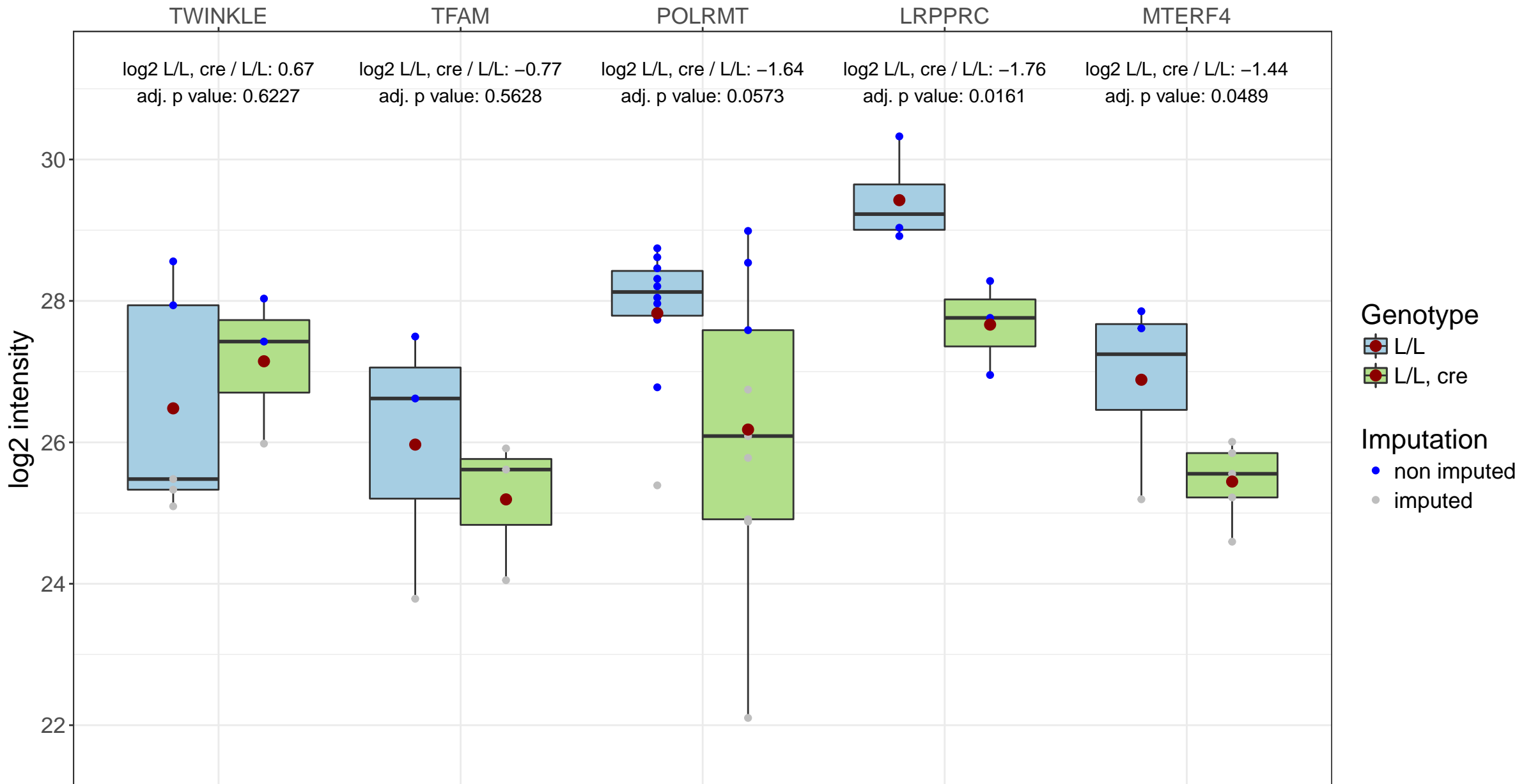
# HK1 / P17710-3



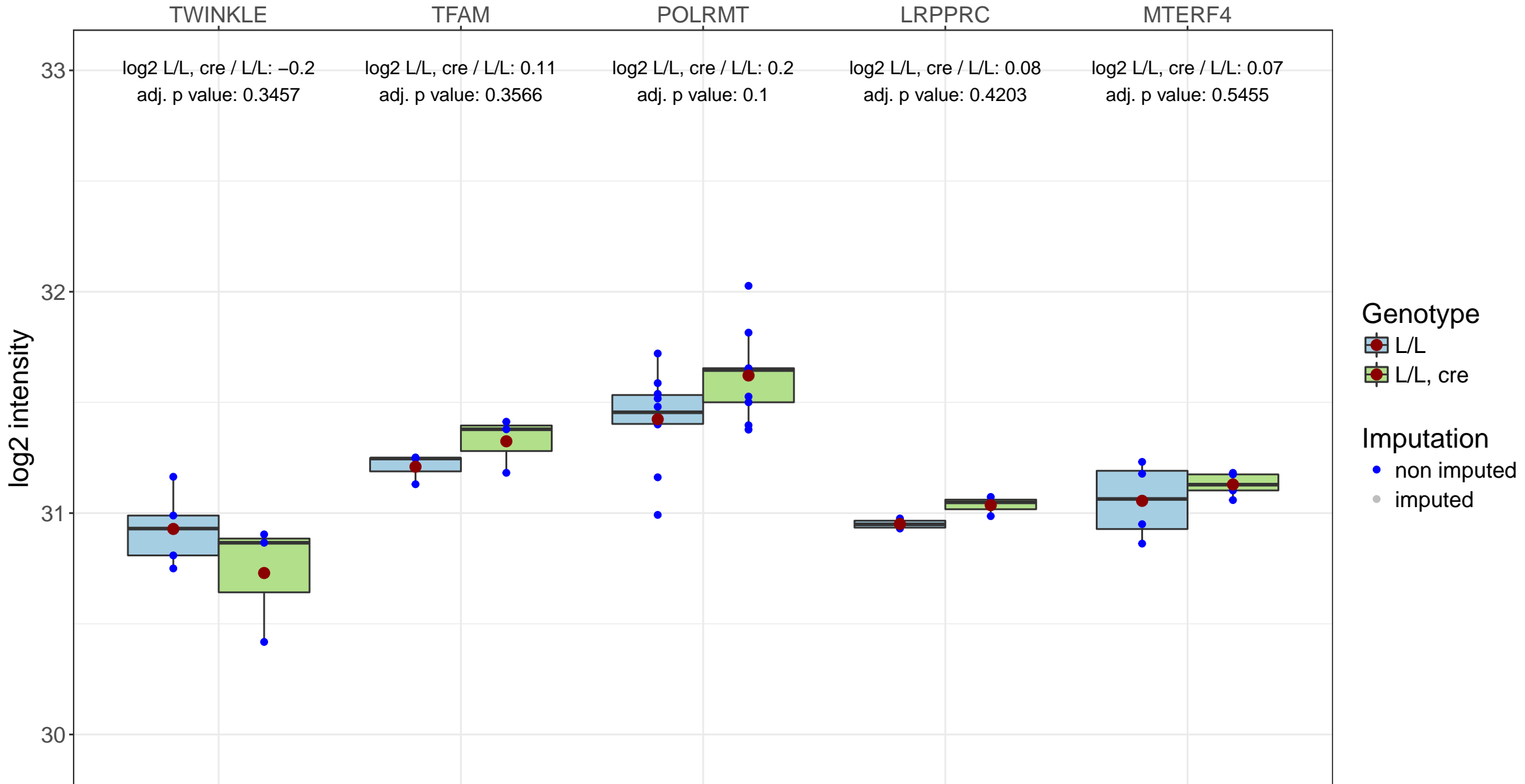
# HK2 / O08528



# HMGB1 / P63158

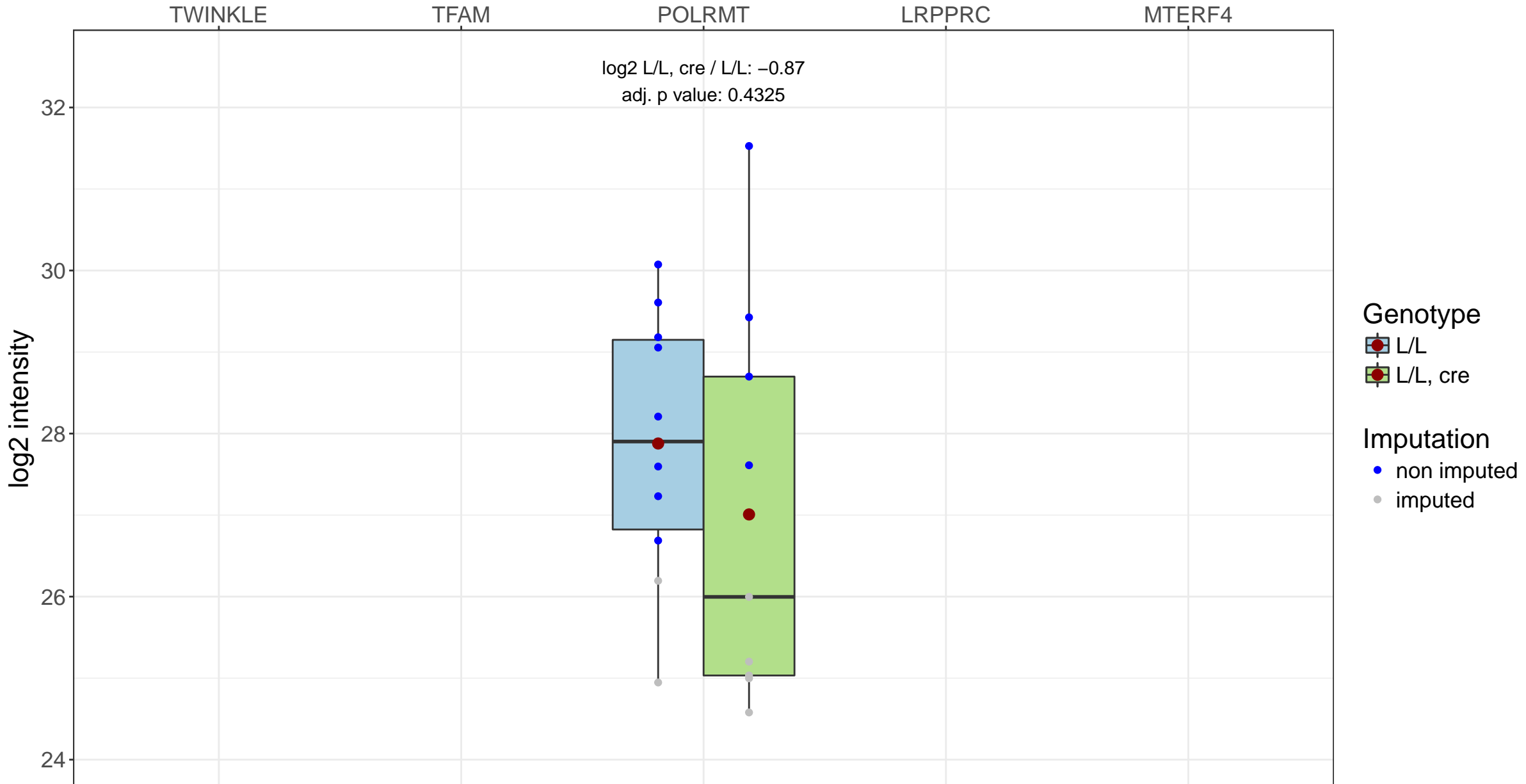


# HMGCL / P38060

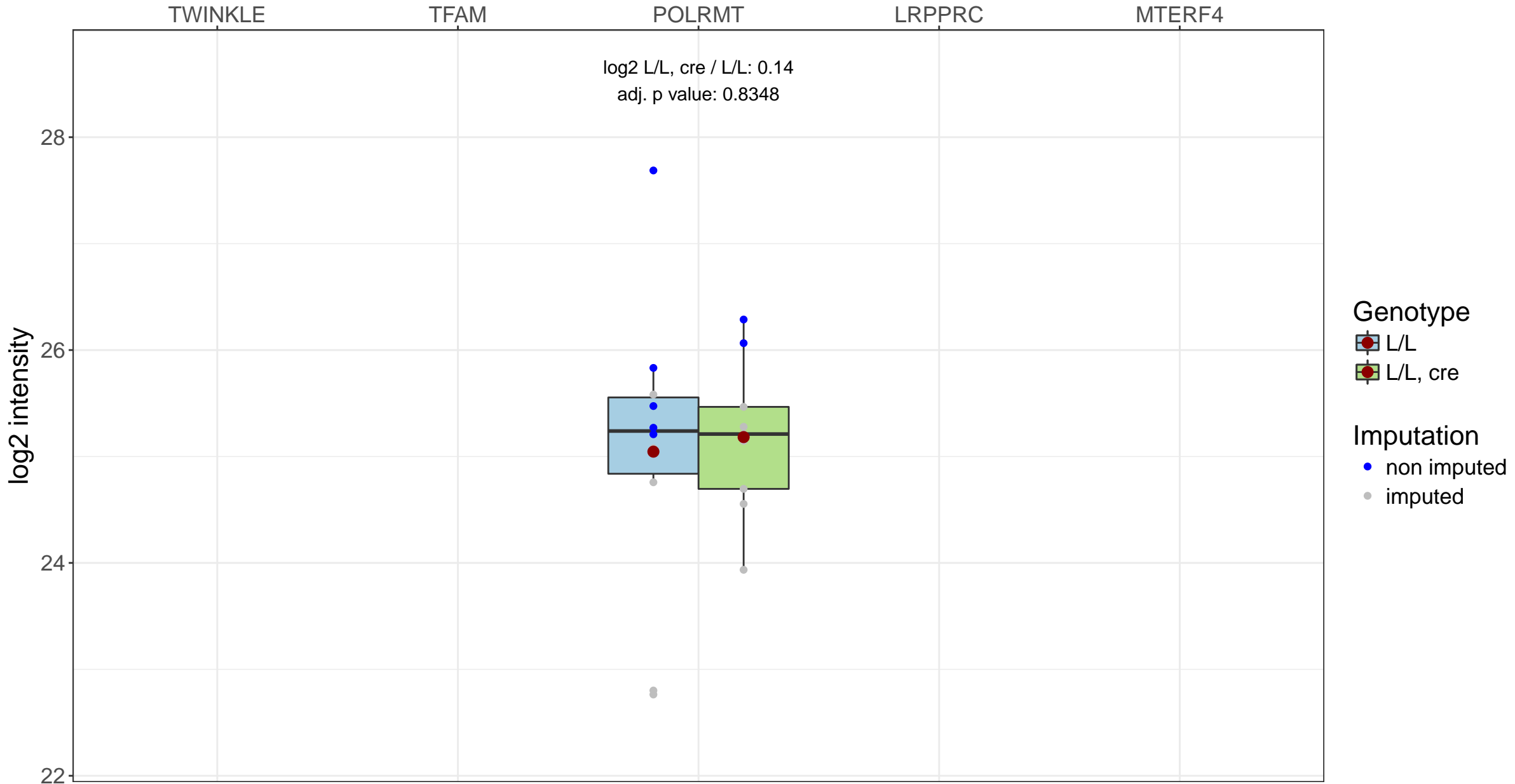




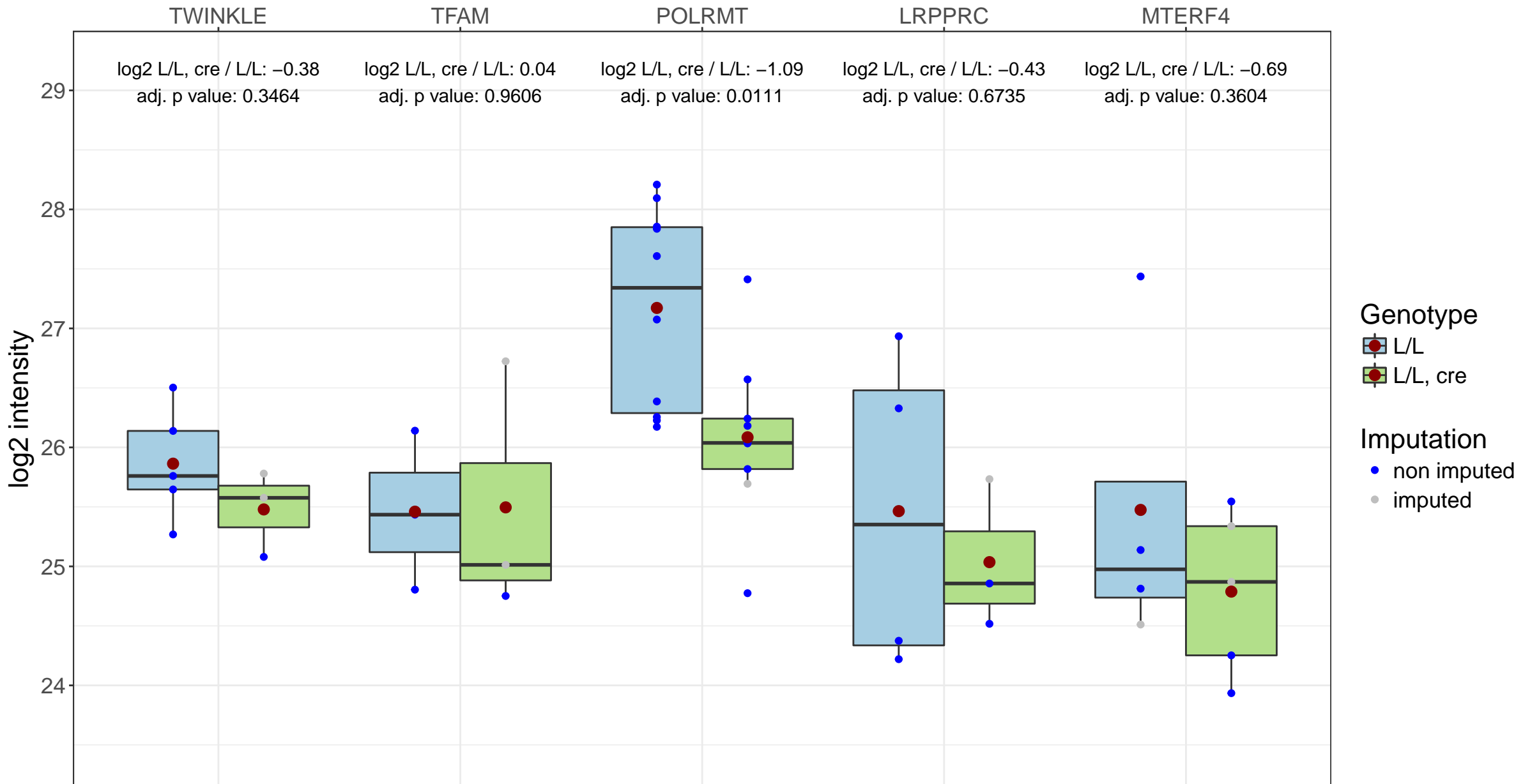
# HMGCS2 / P54869



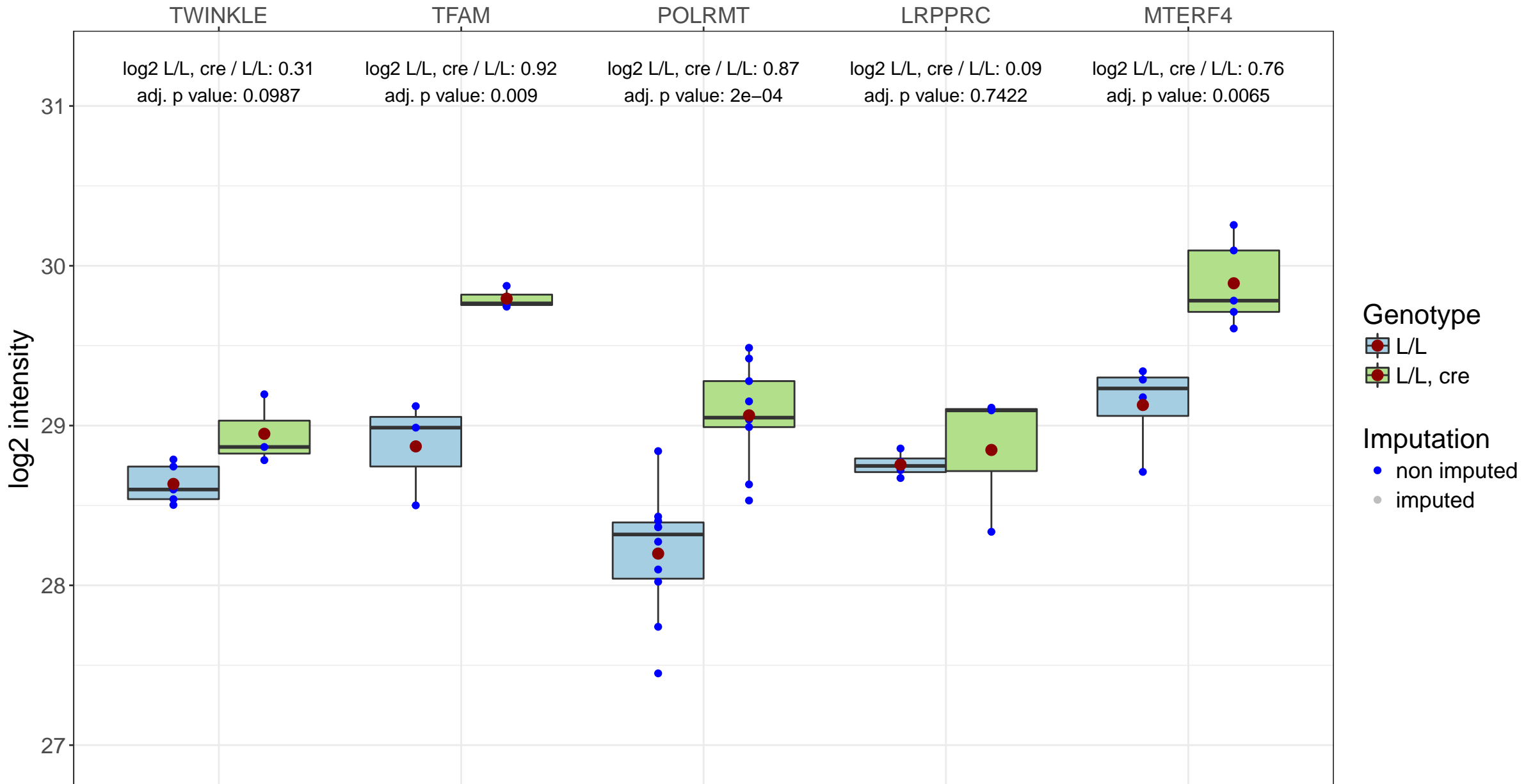
# HNRNPA2B1 / O88569



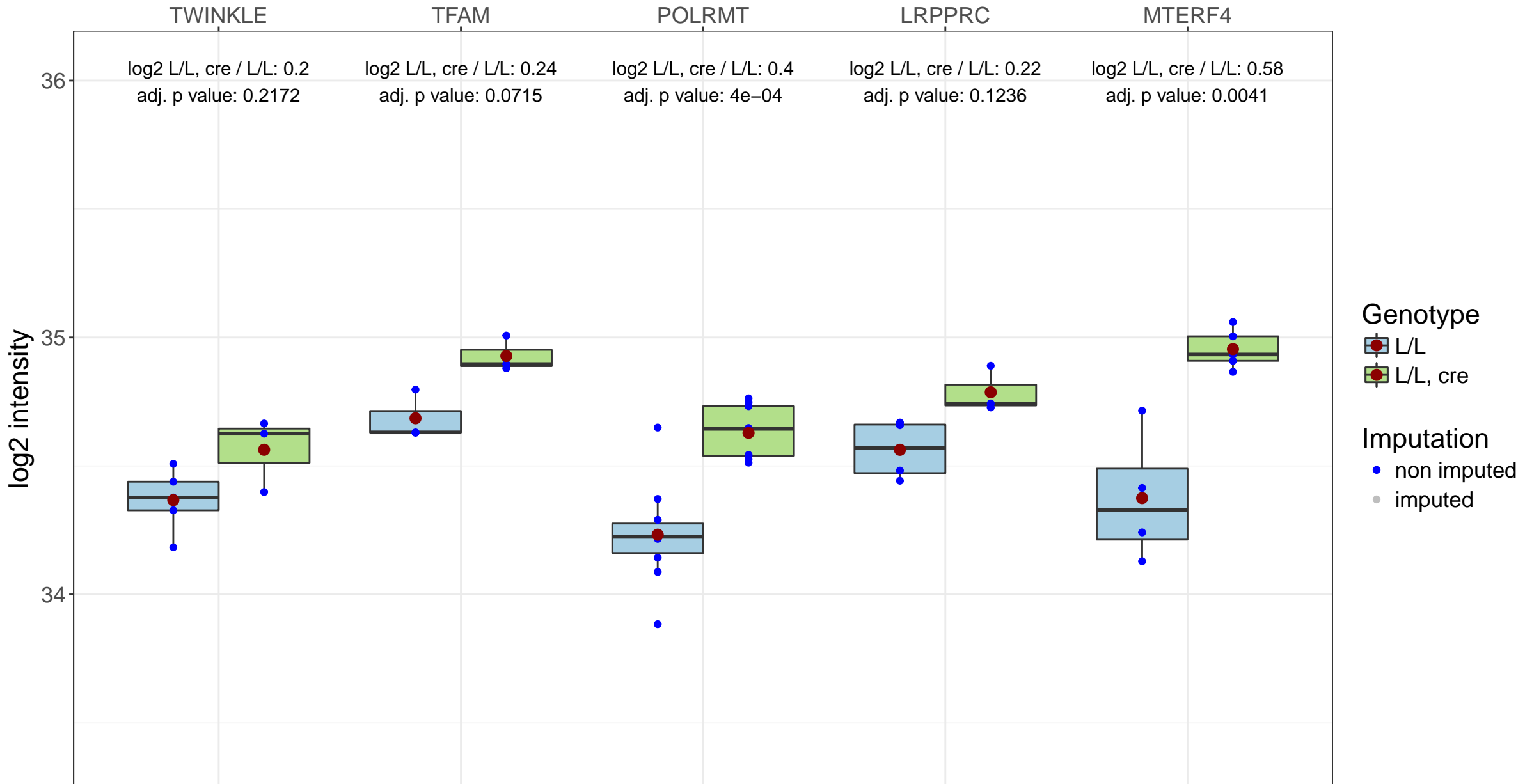
# HRC / G5E8J6



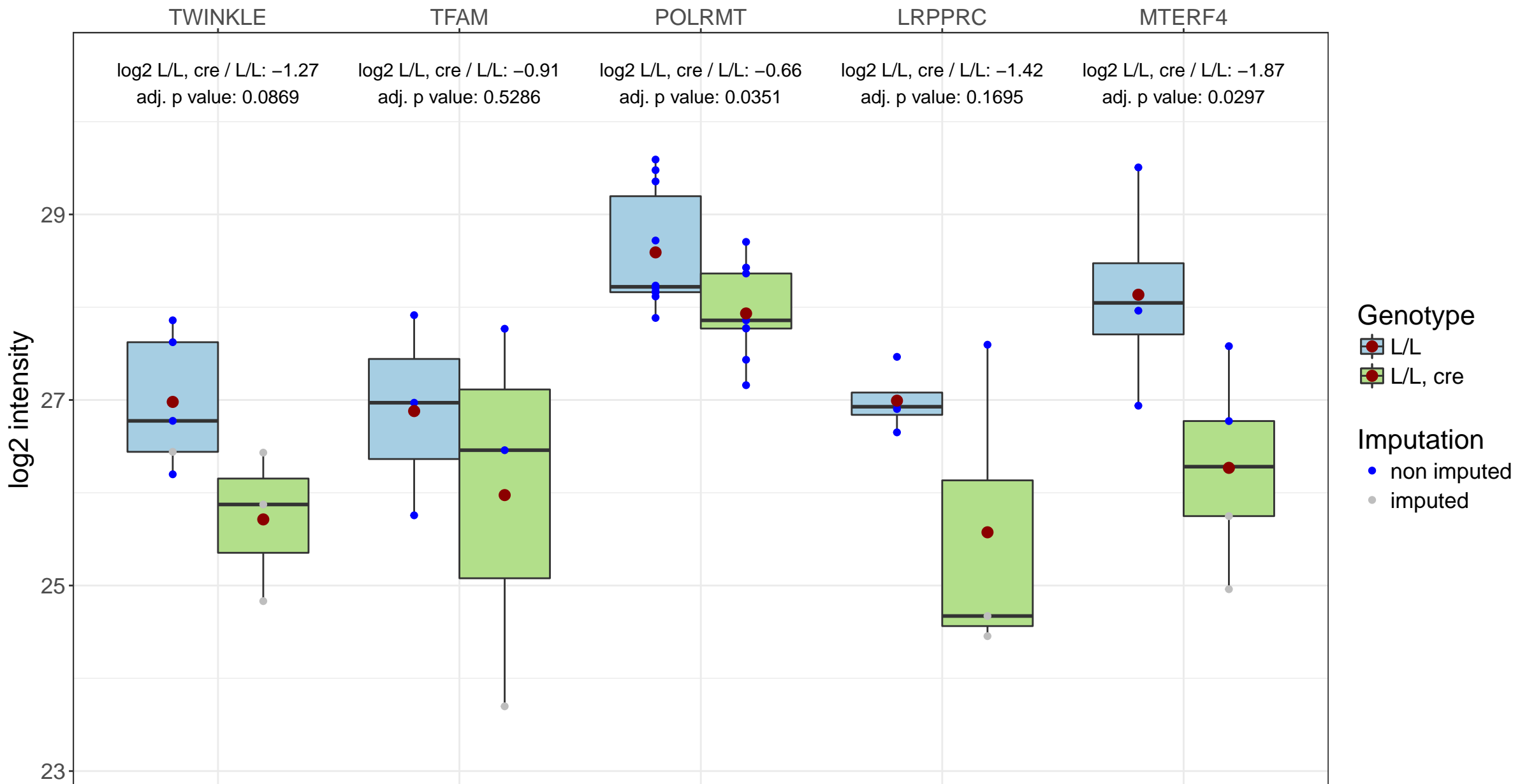
# HSCB / Q8K3A0



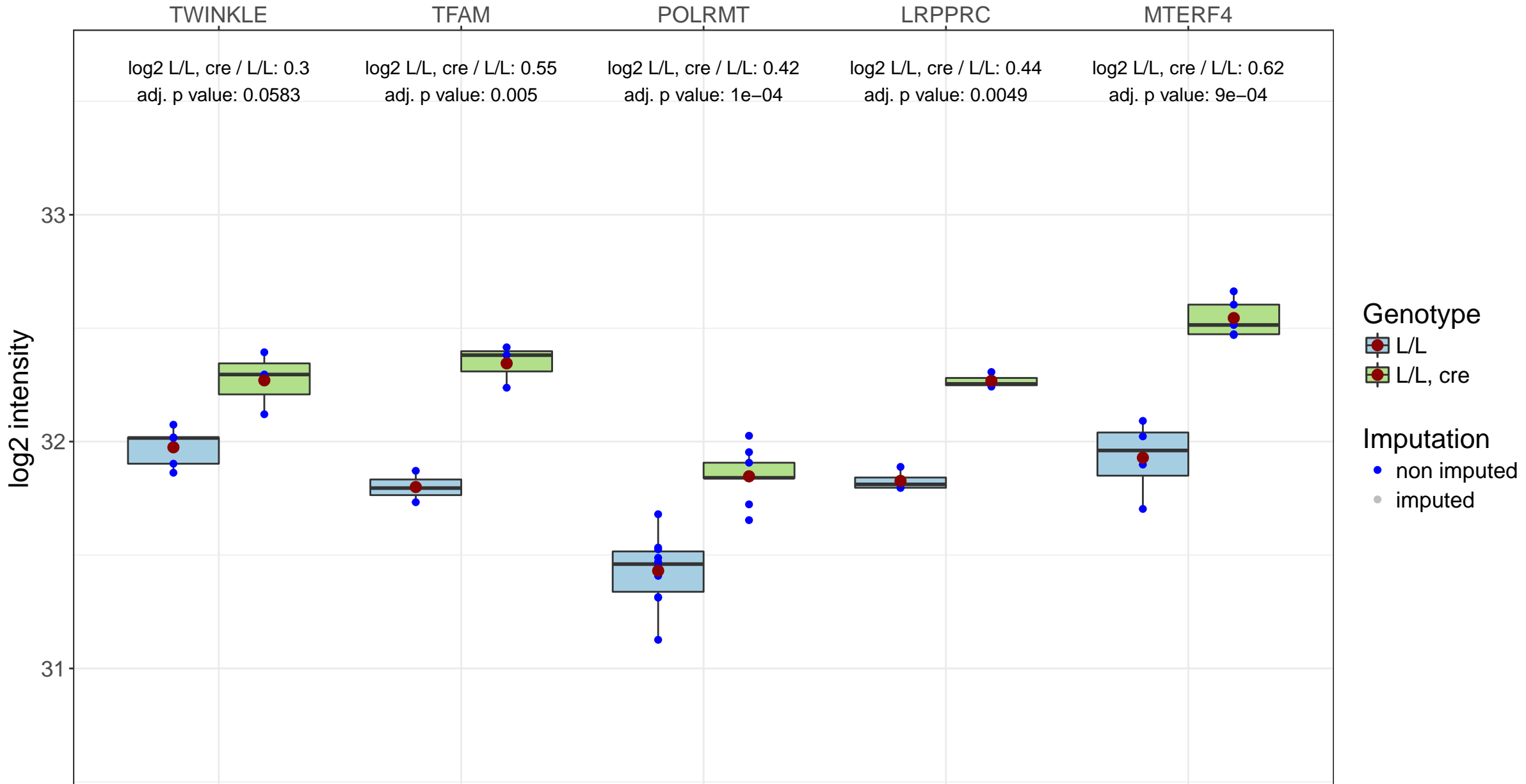
# HSD17B10 / Q99N15



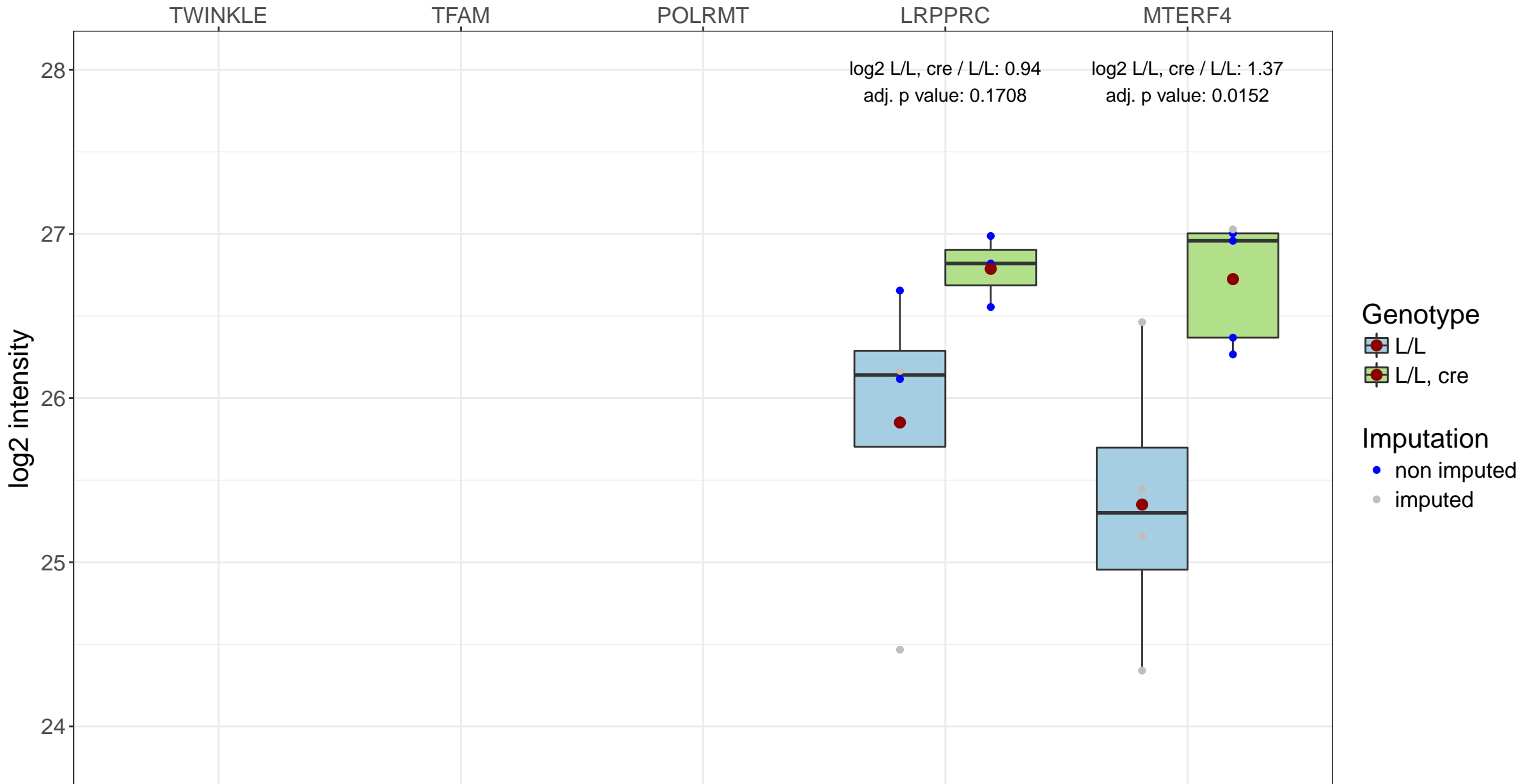
# HSD17B4 / P51660



# HSD17B8 / P50171

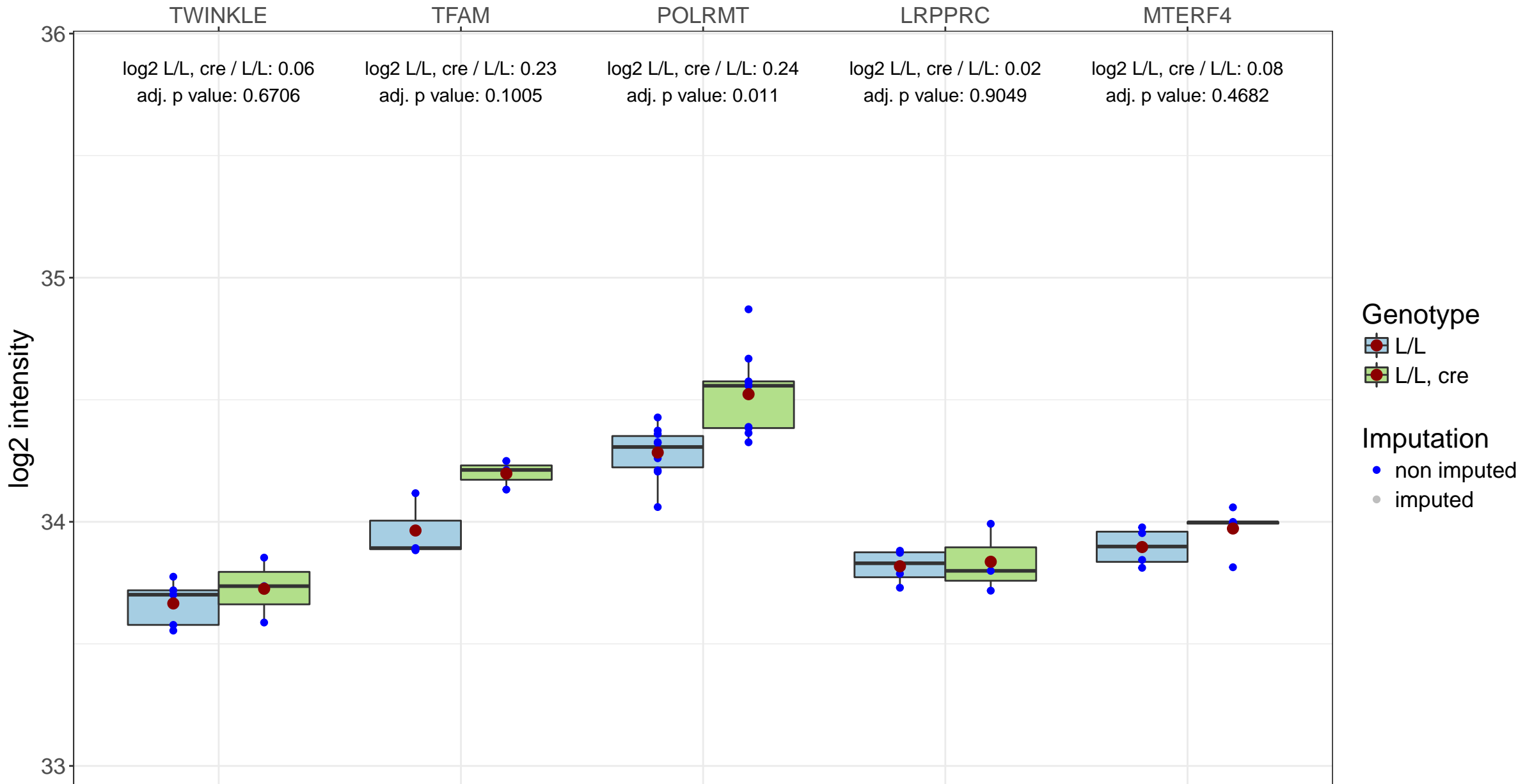


# HSDL1 / Q8BTX9

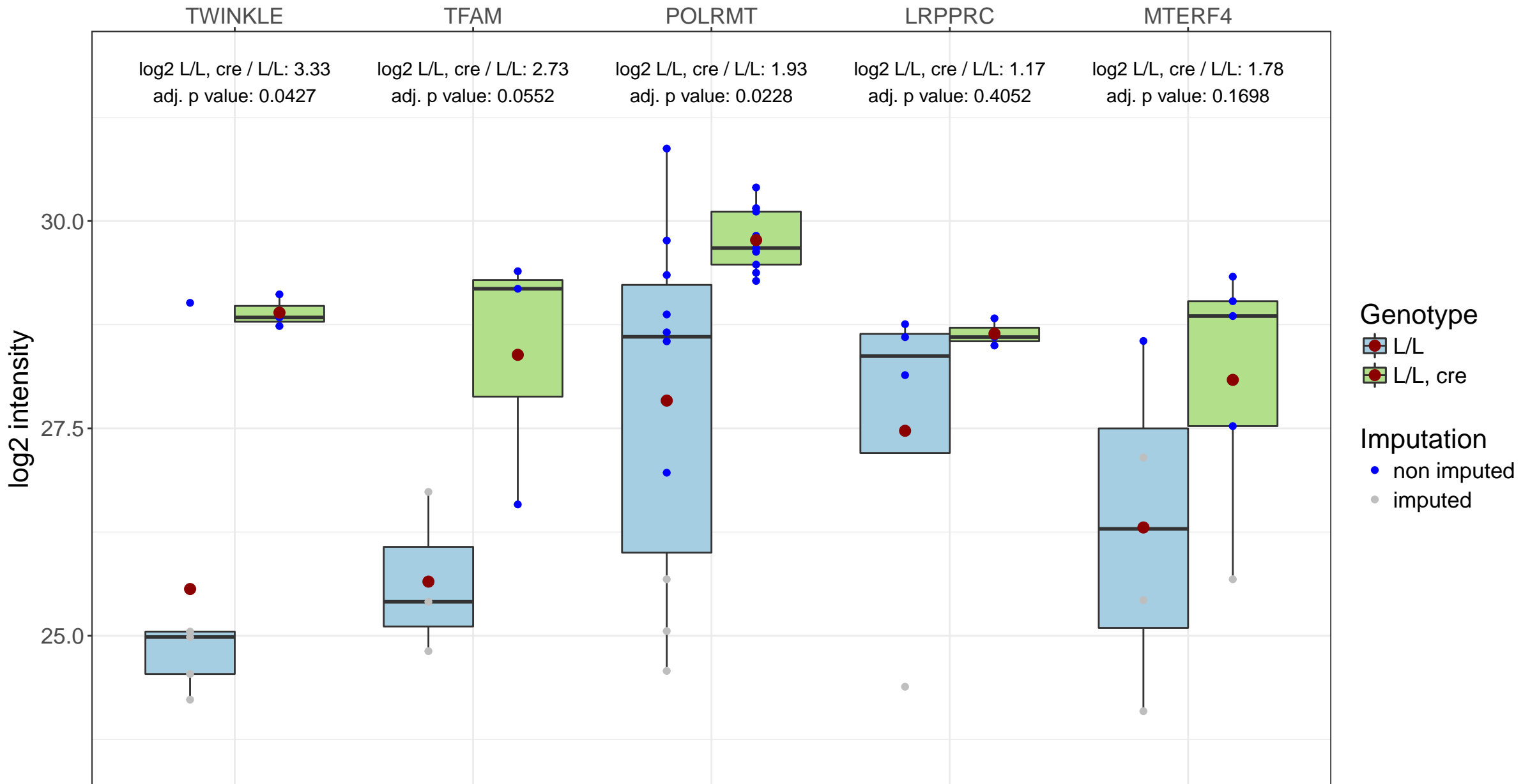




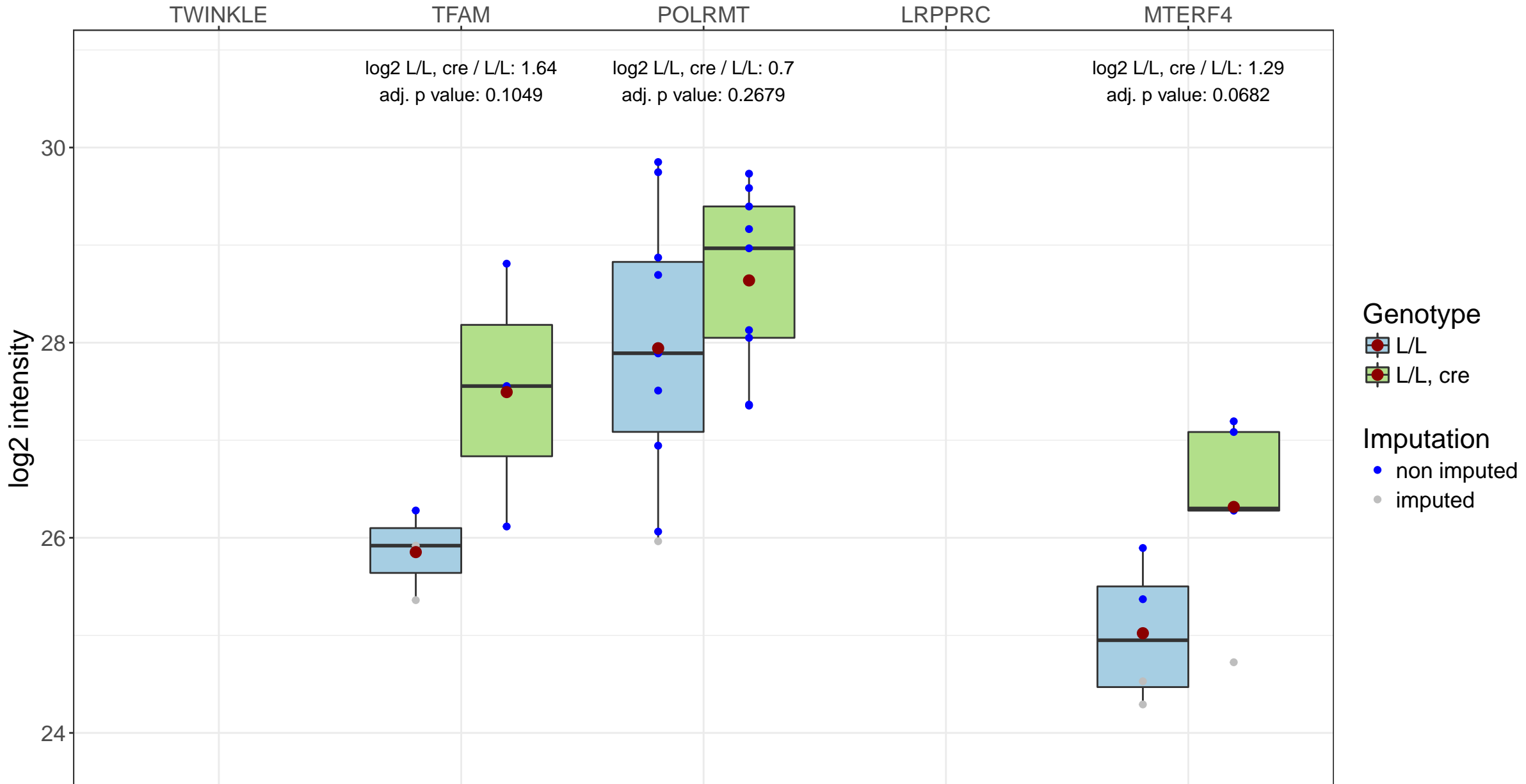
# HSDL2 / Q2TPA8



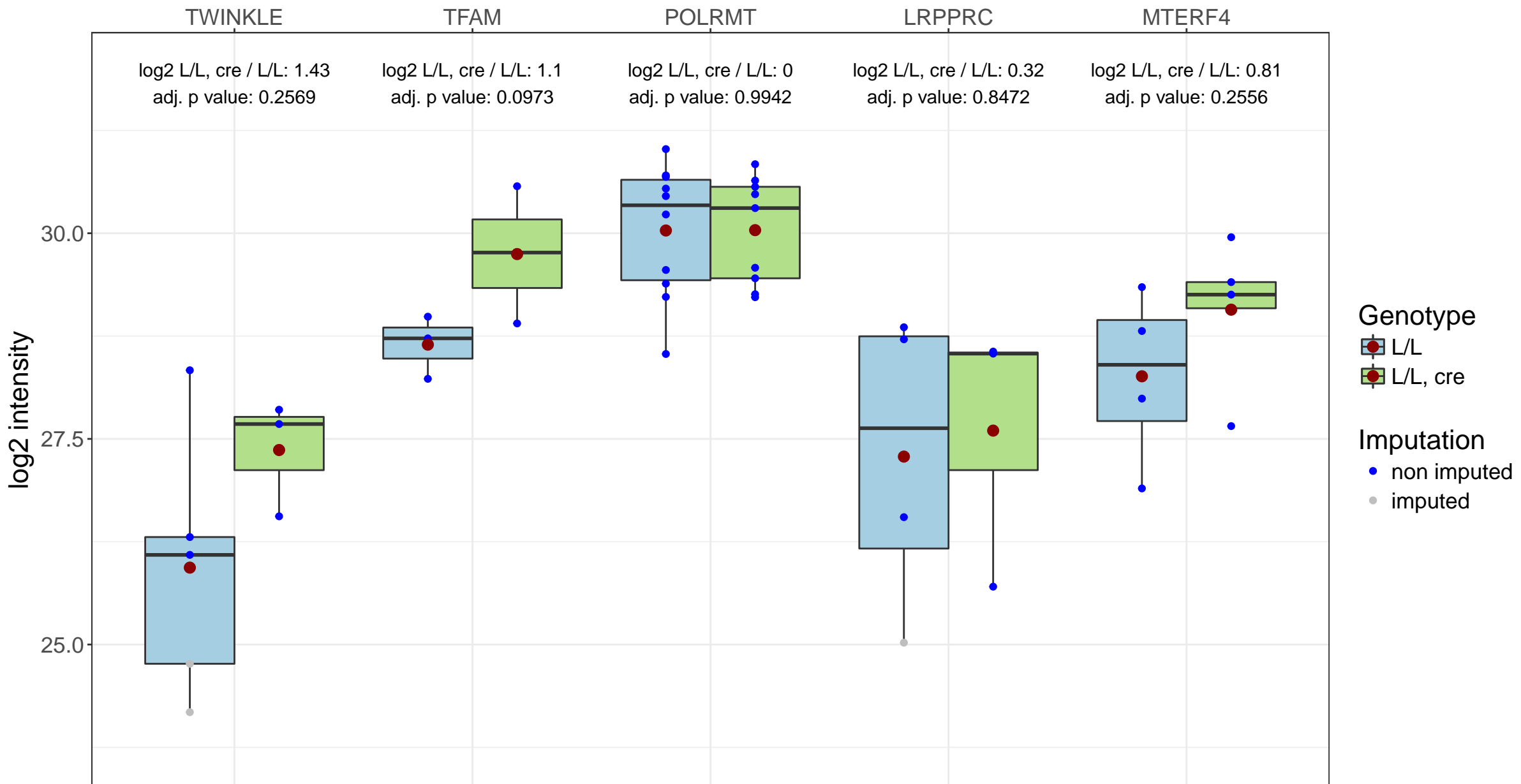
# HSP90AB1 / P11499



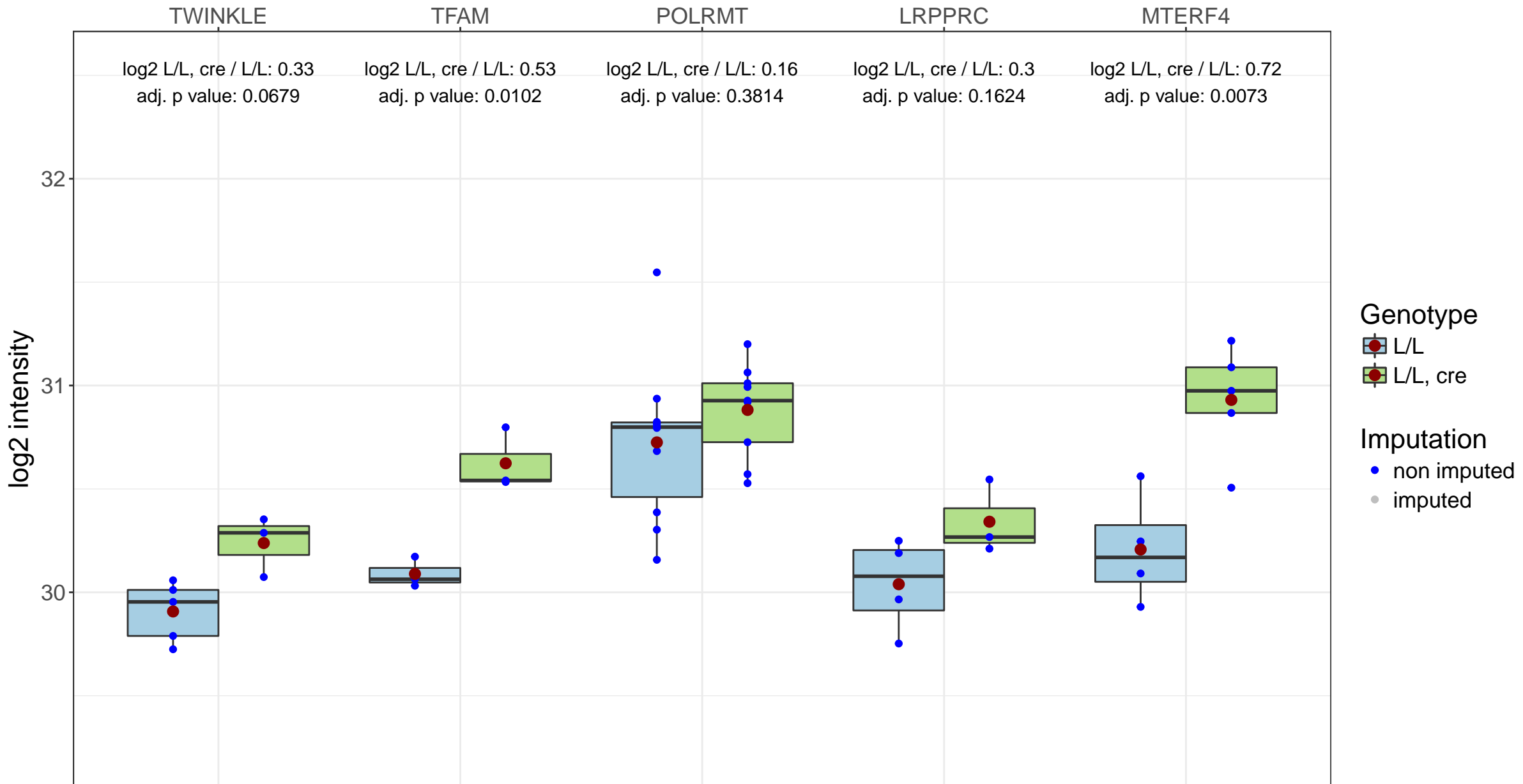
# HSP90B1 / P08113



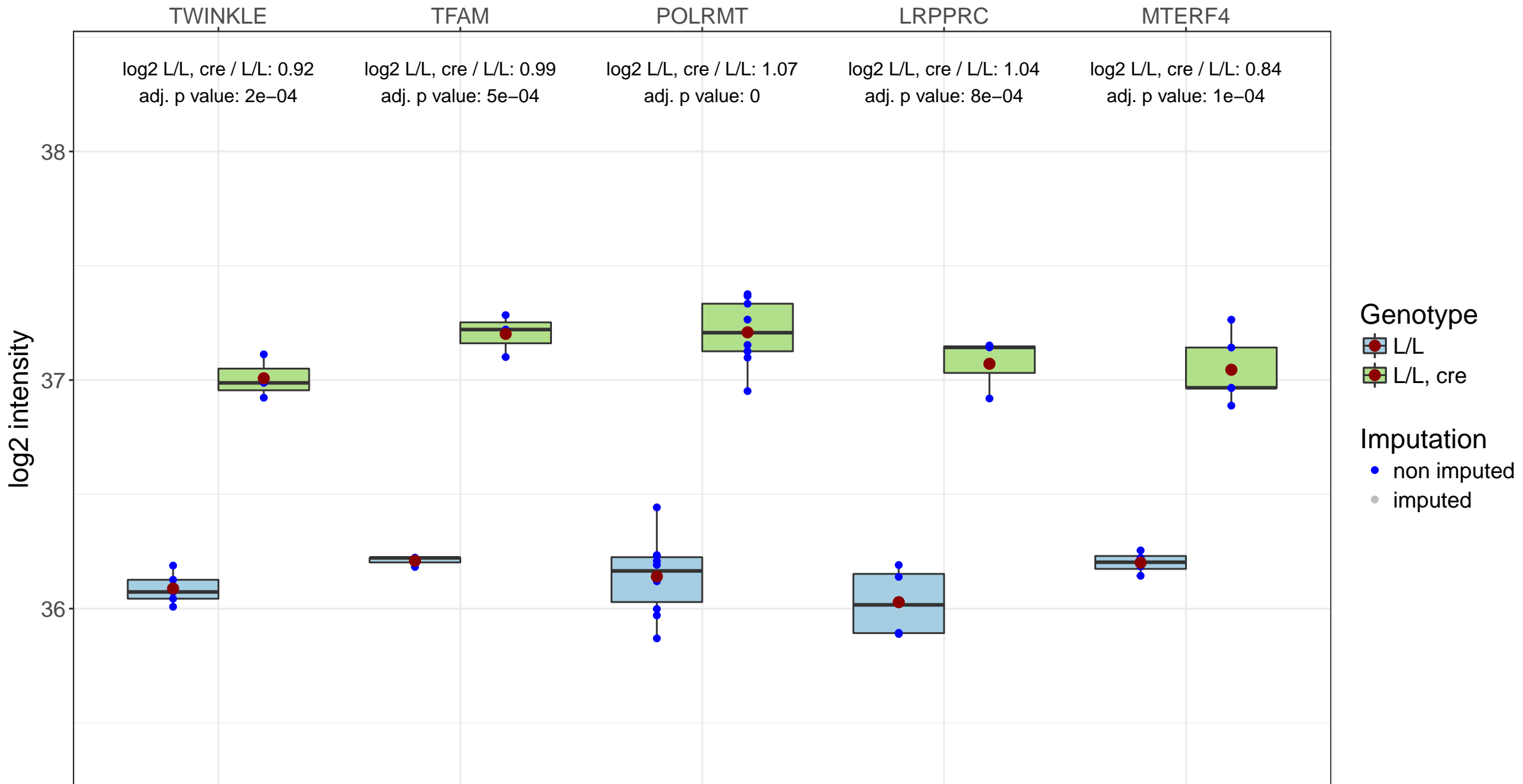
# HSPA5 / P20029



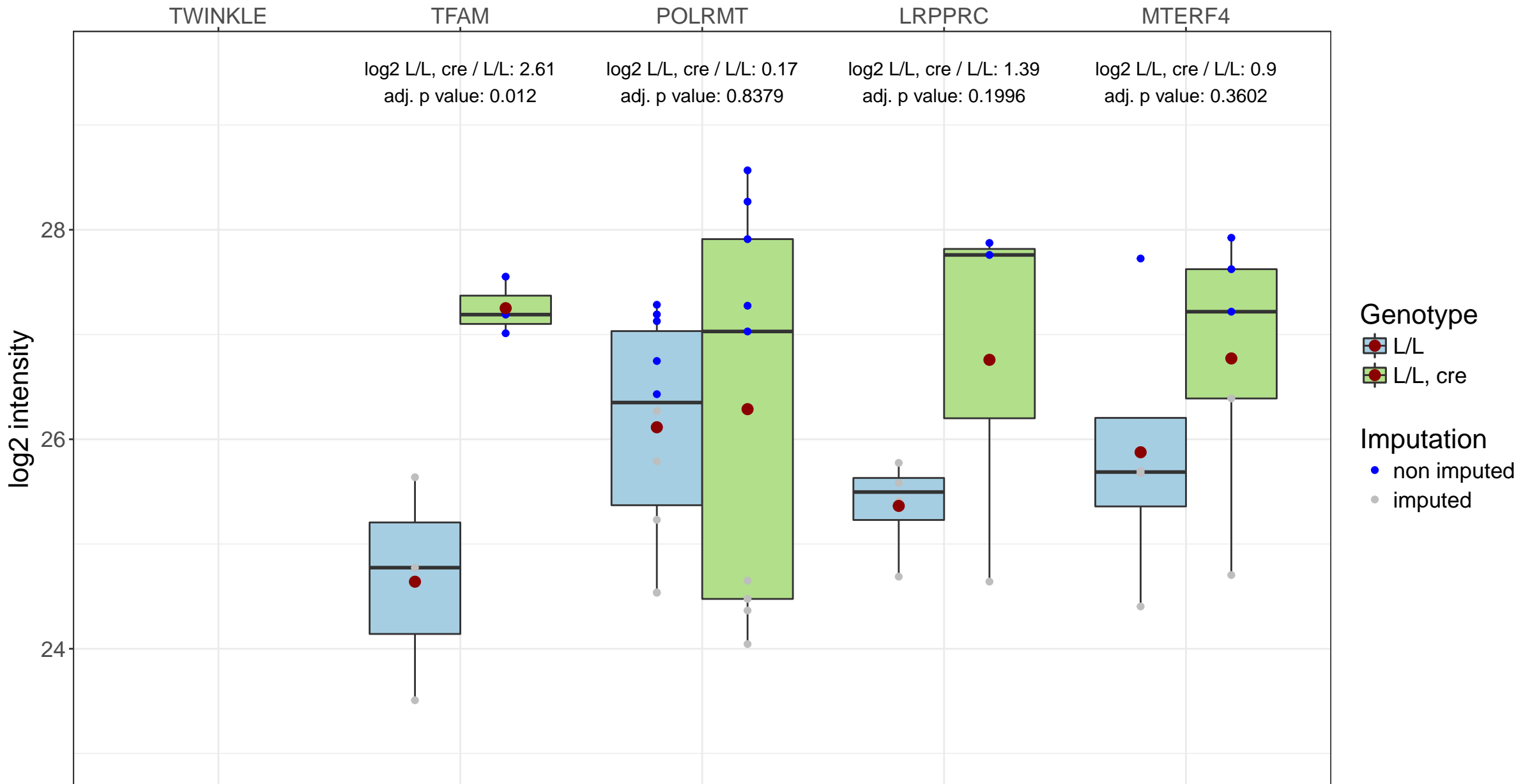
# HSPA8 / P63017



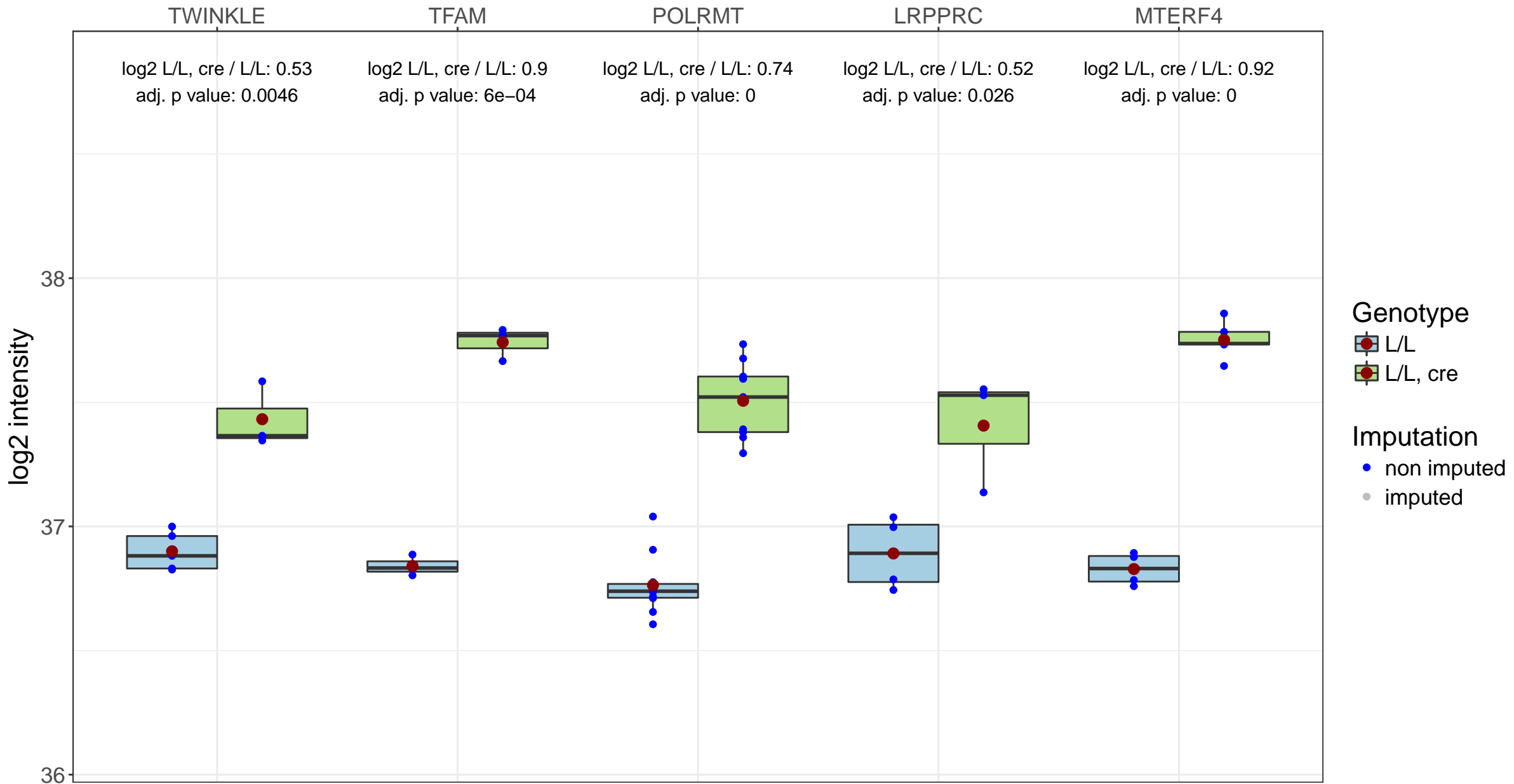
# HSPA9 / P38647



# HSPB1 / P14602

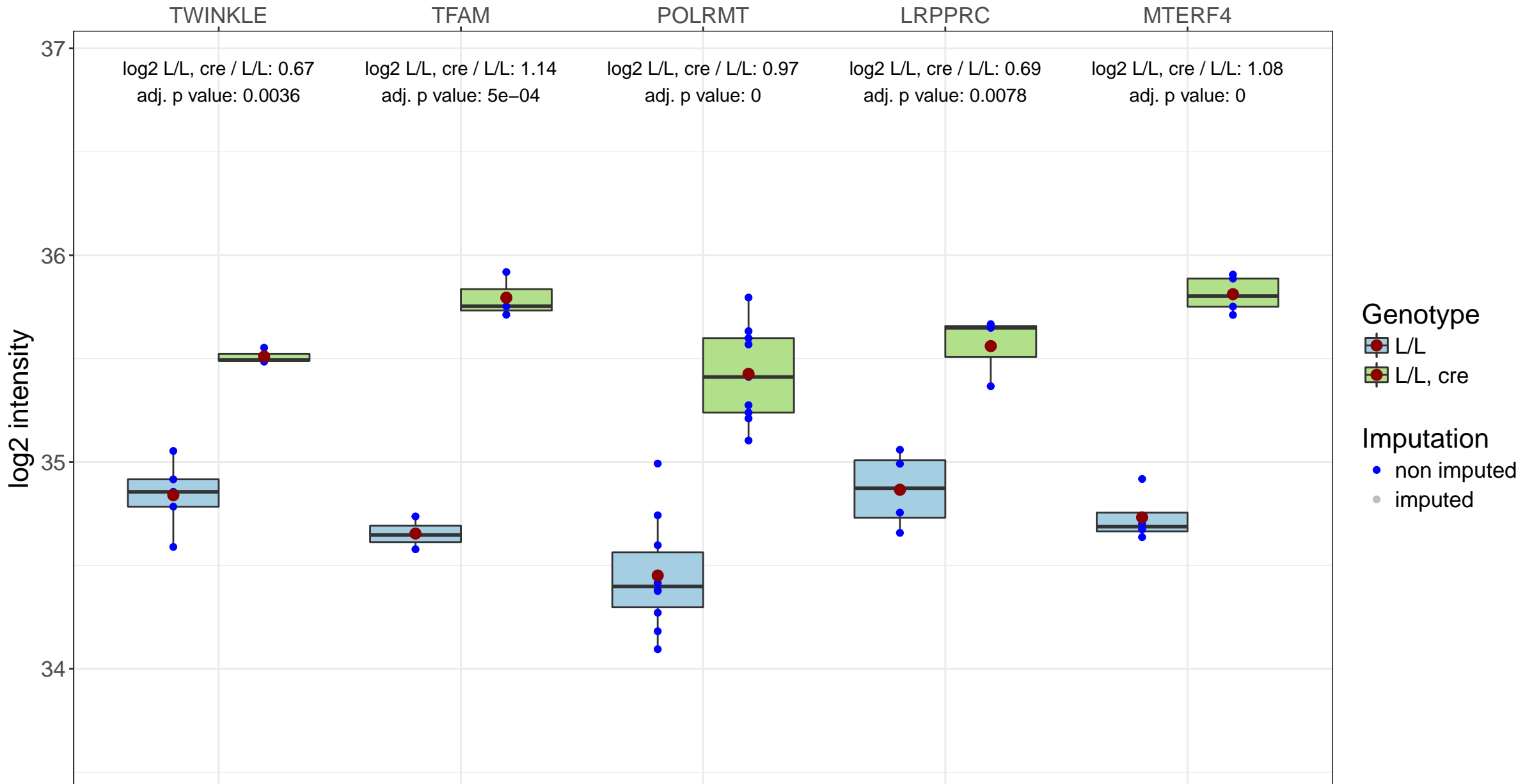


# HSPD1 / P63038

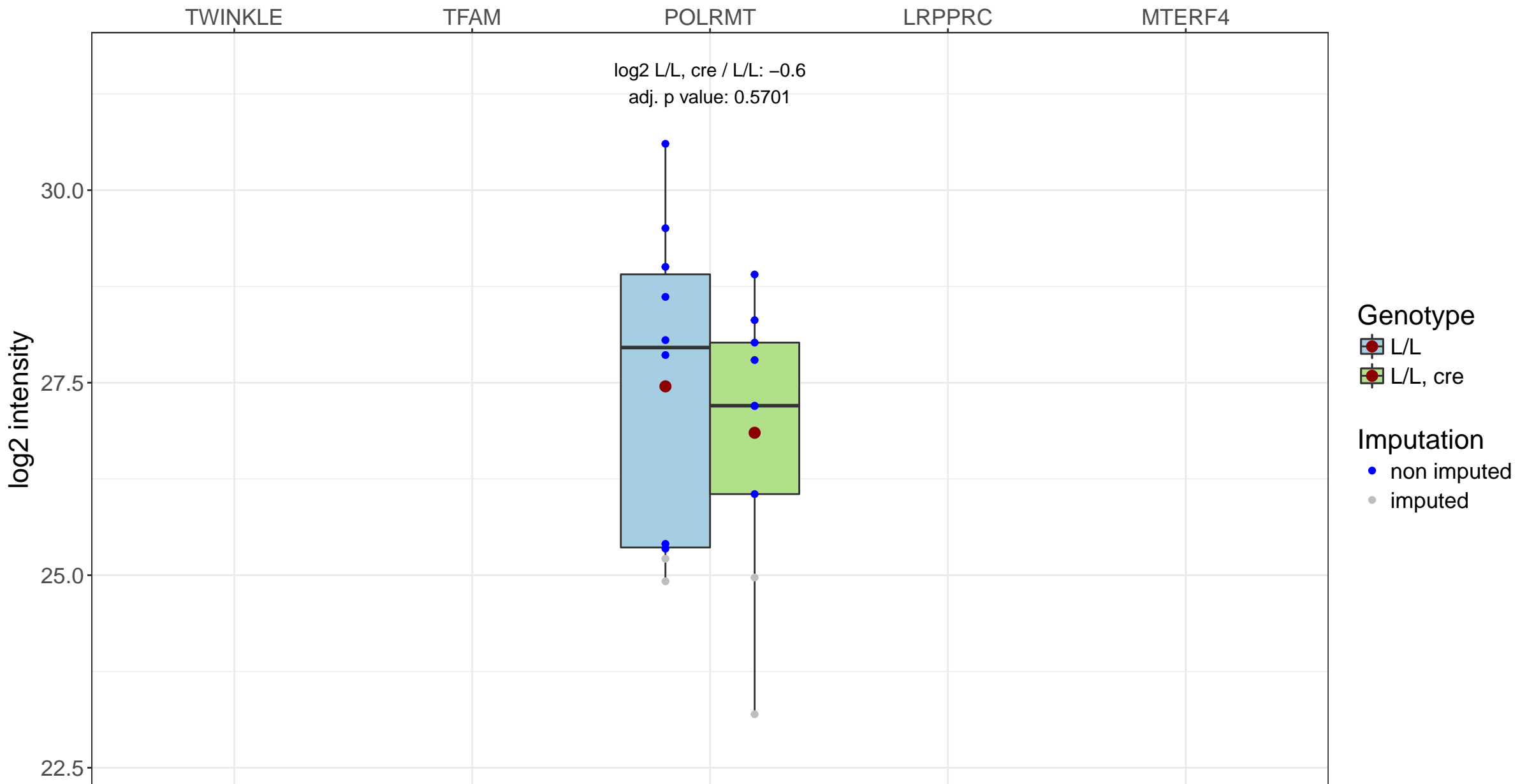




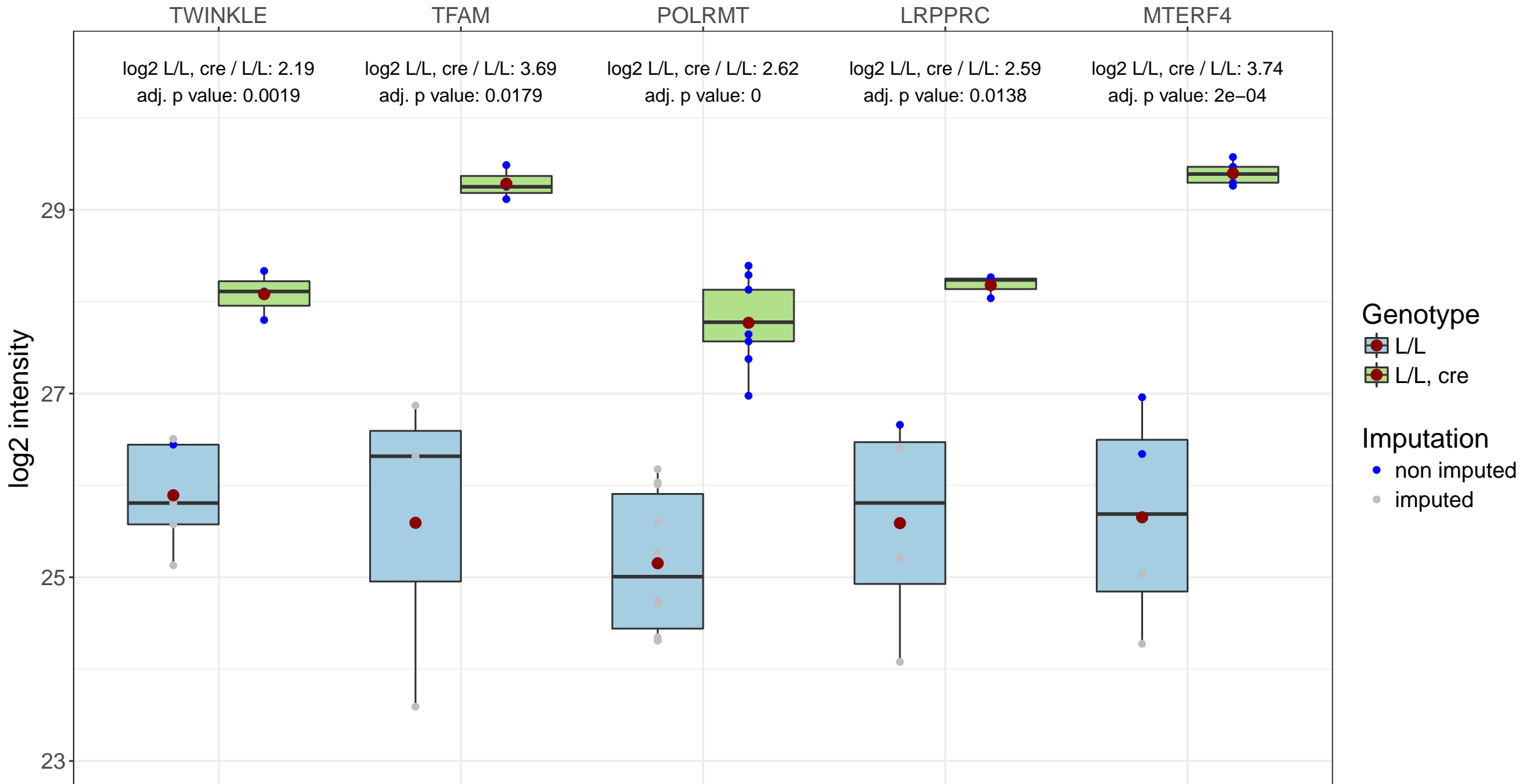
# HSPE1 / Q64433



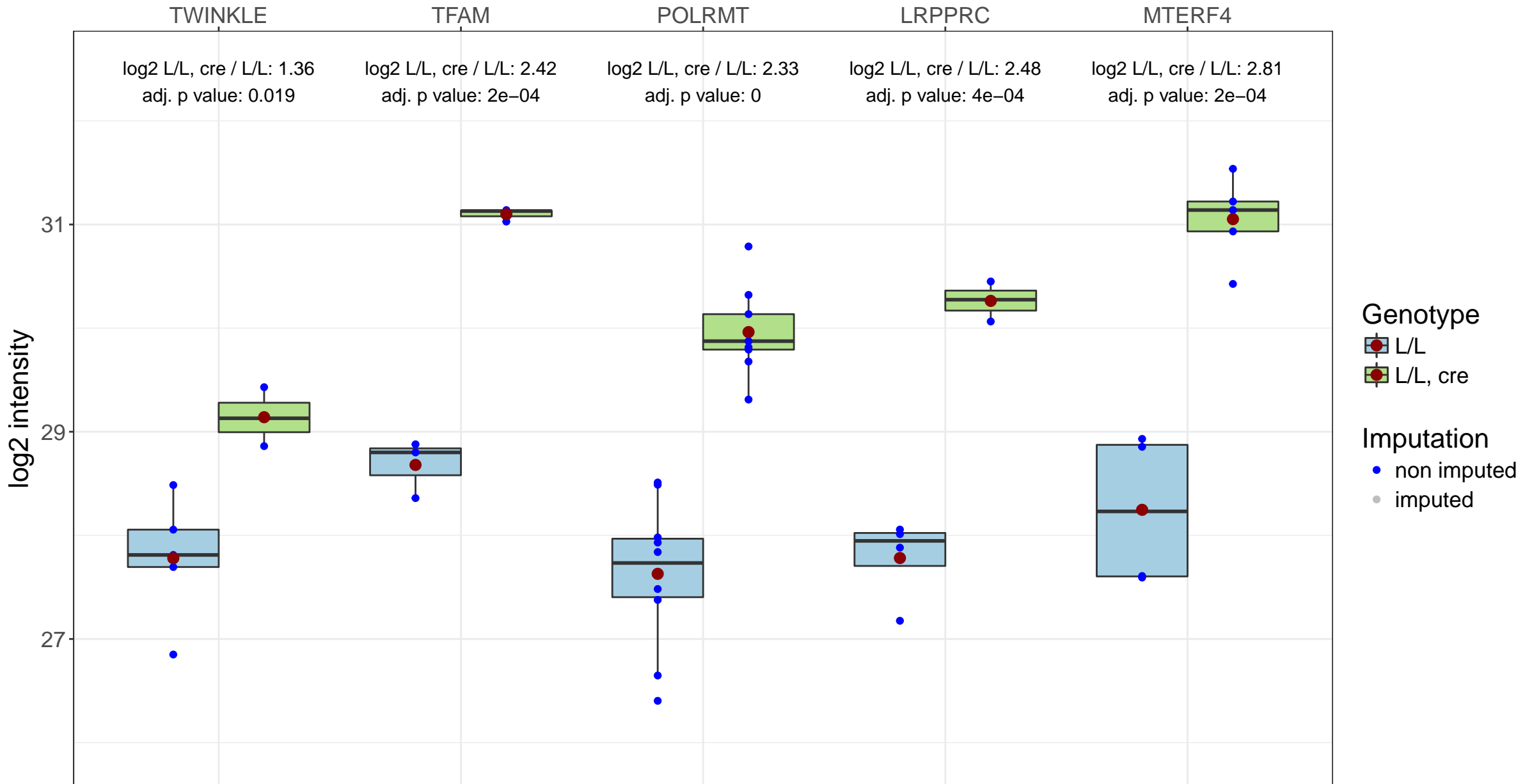
# HSPG2 / E9PZ16



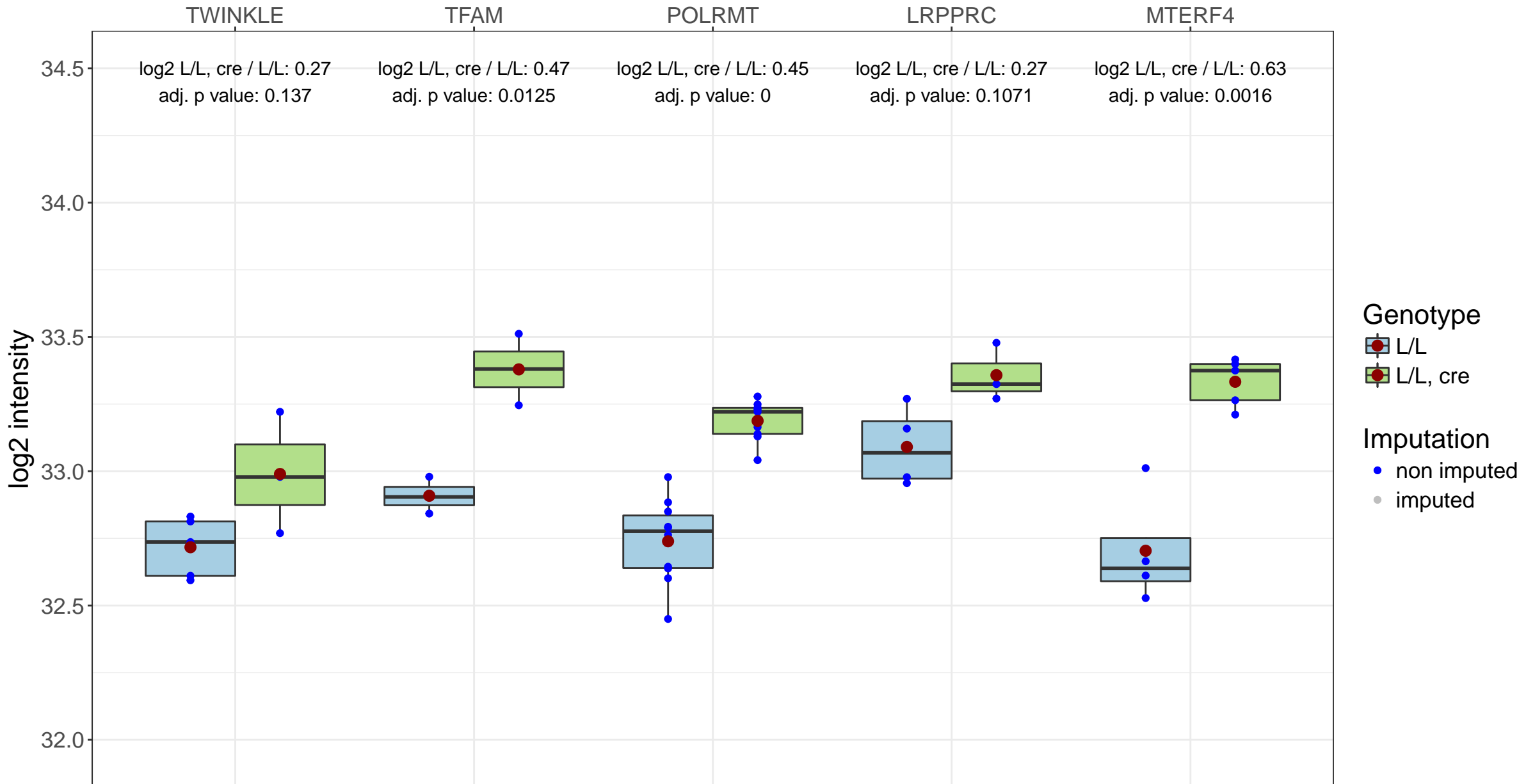
# HTATIP2 / Q9Z2G9



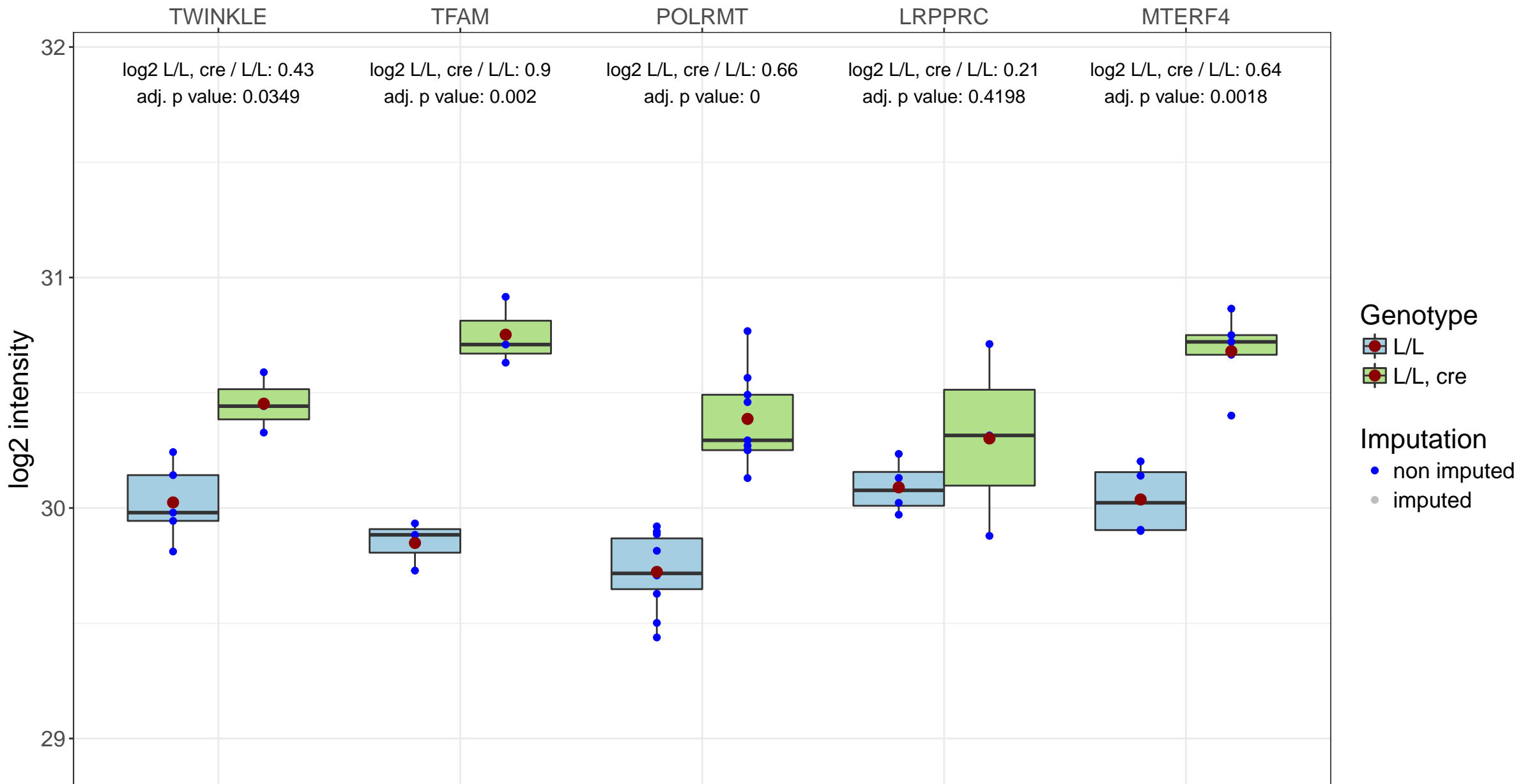
# HTRA2 / Q9JIY5



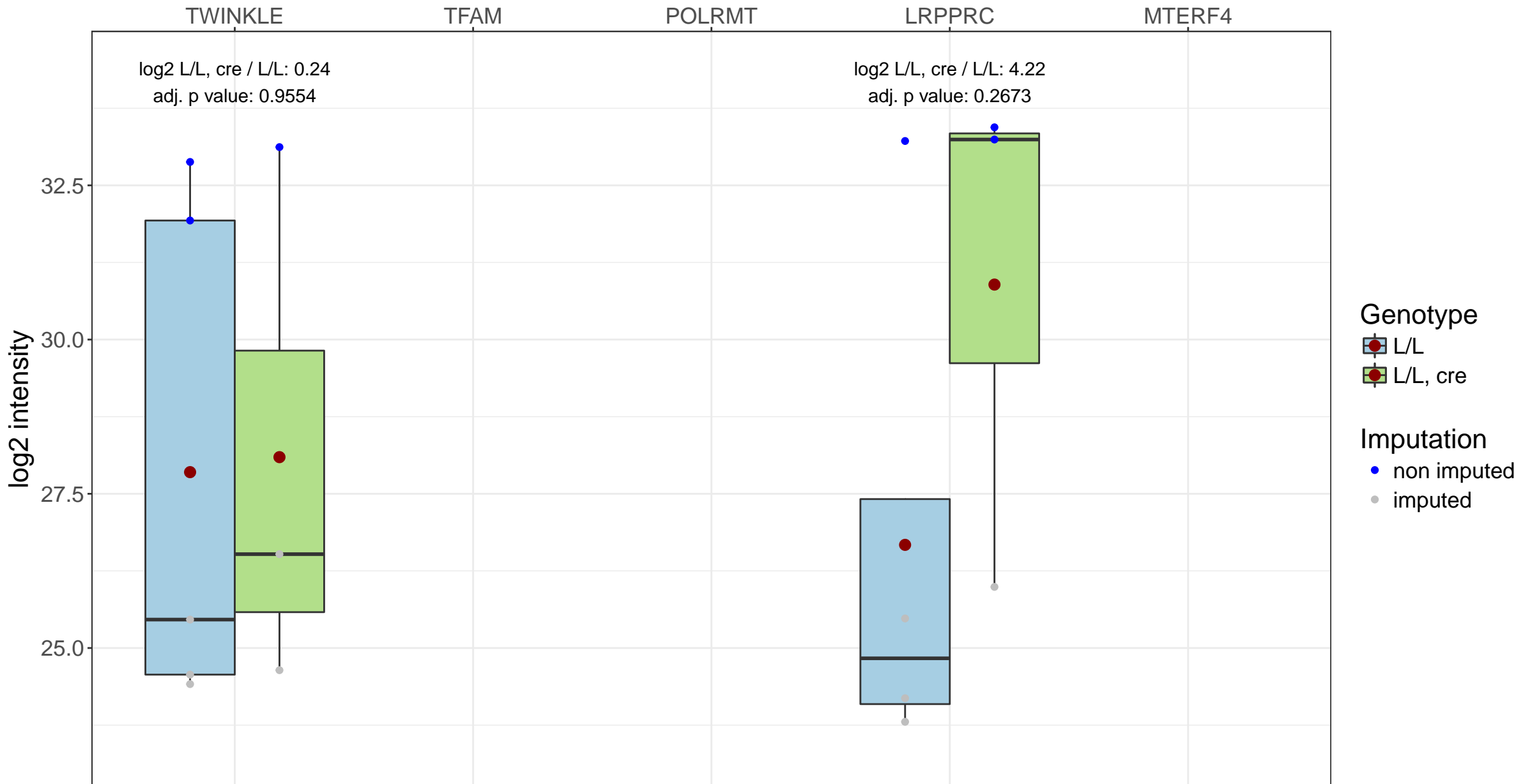
# IARS2 / Q8BIJ6



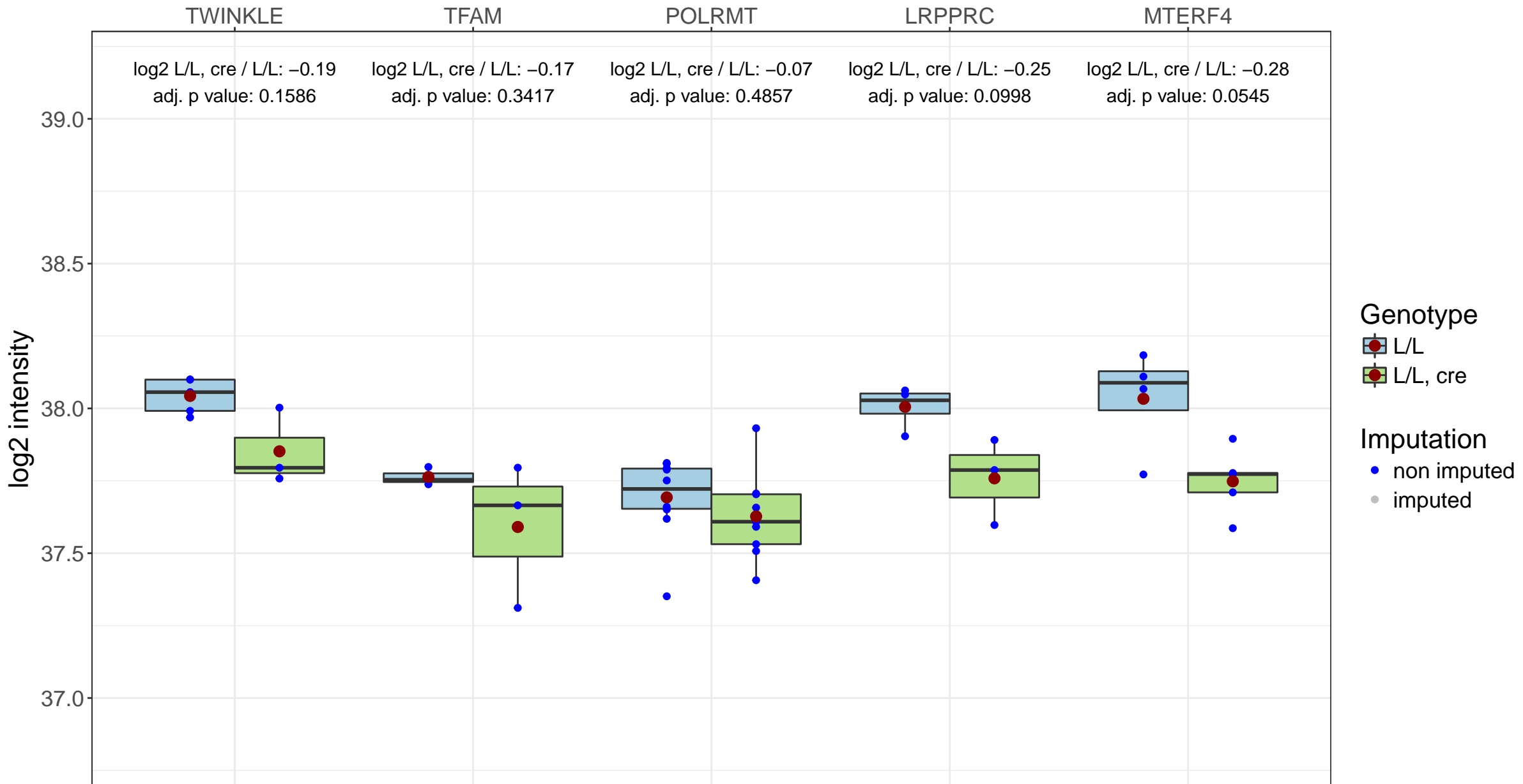
# IBA57 / Q8CAK1



# ICAM2 / G3UWJ5

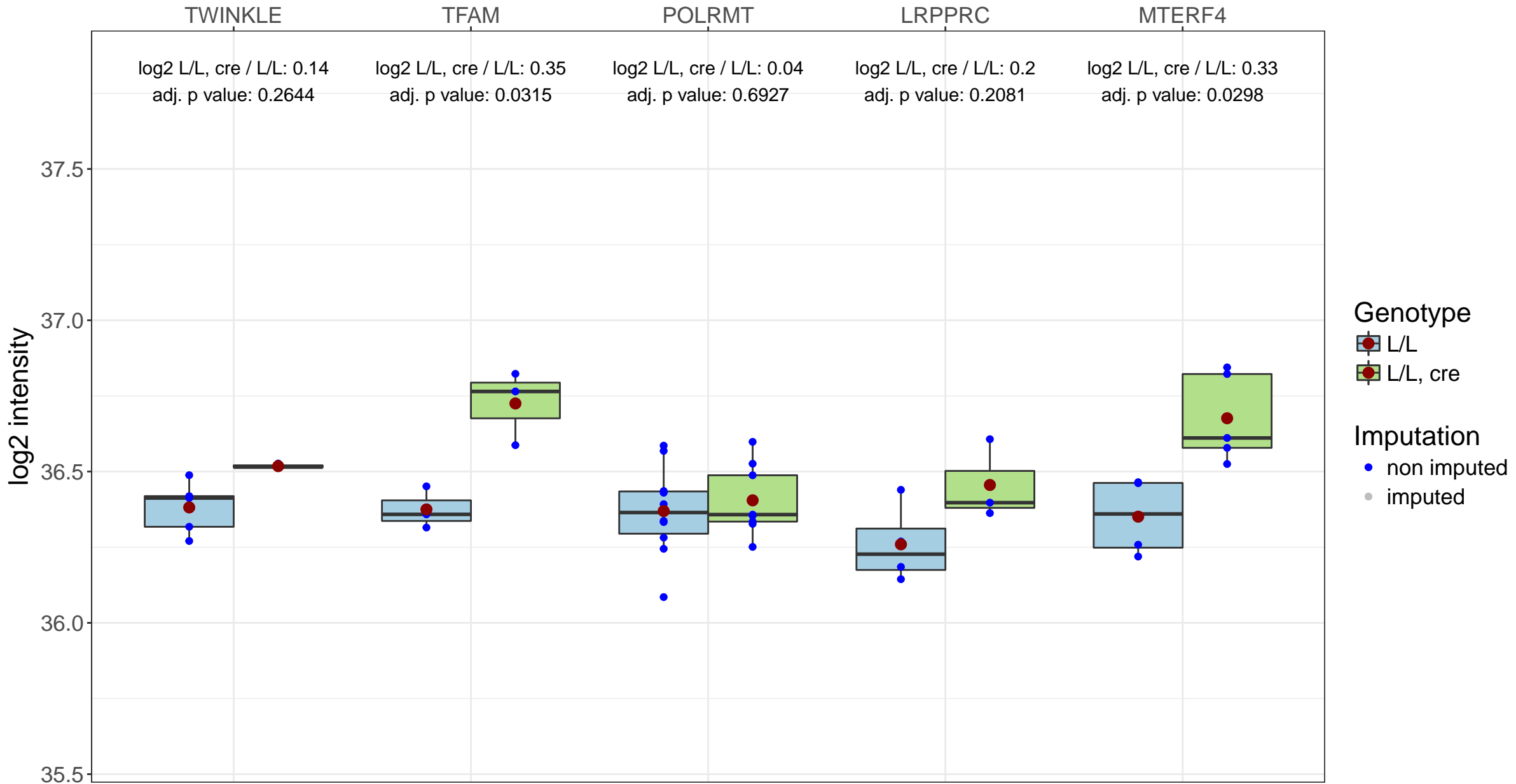


# IDH2 / P54071

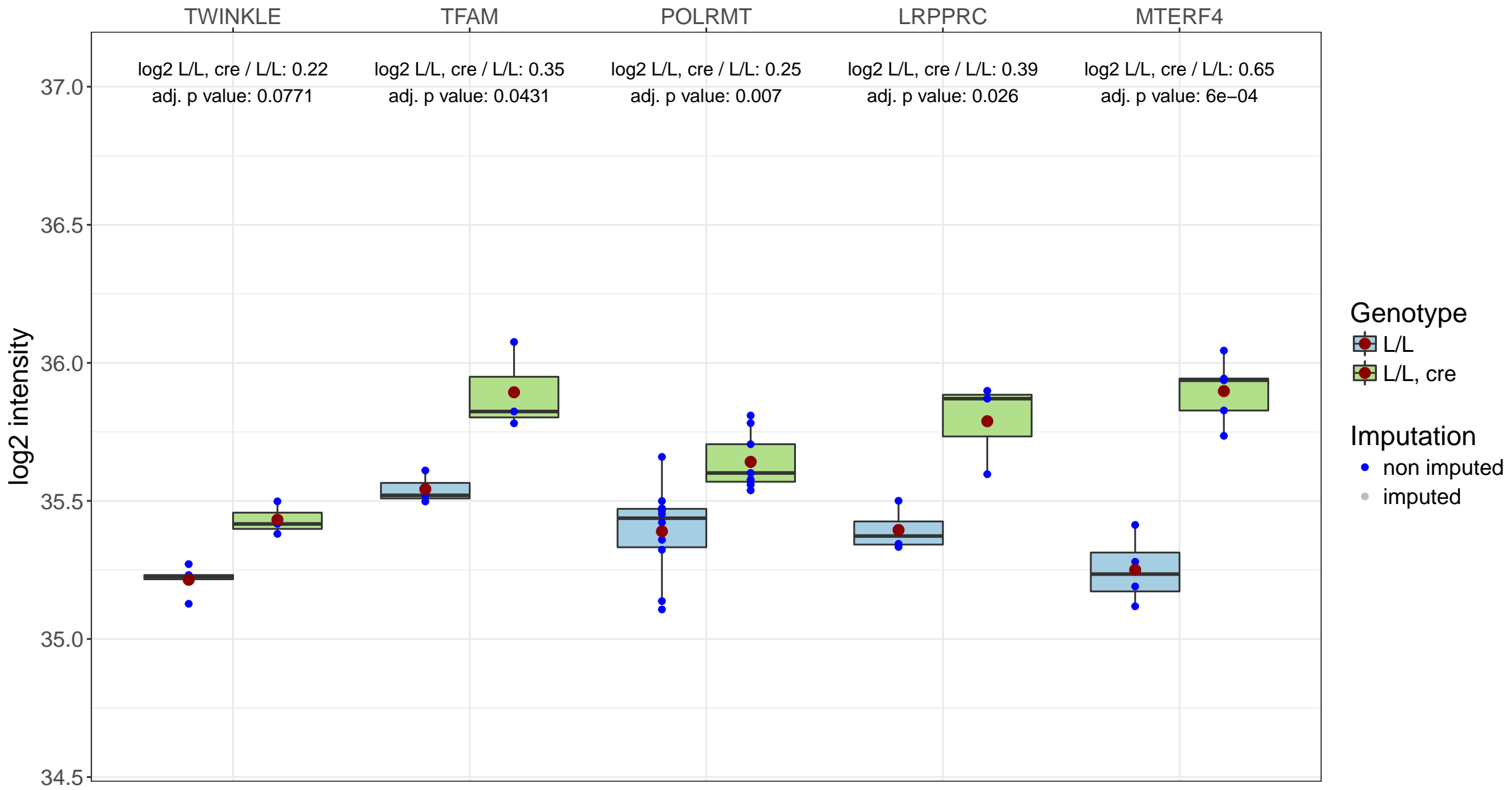




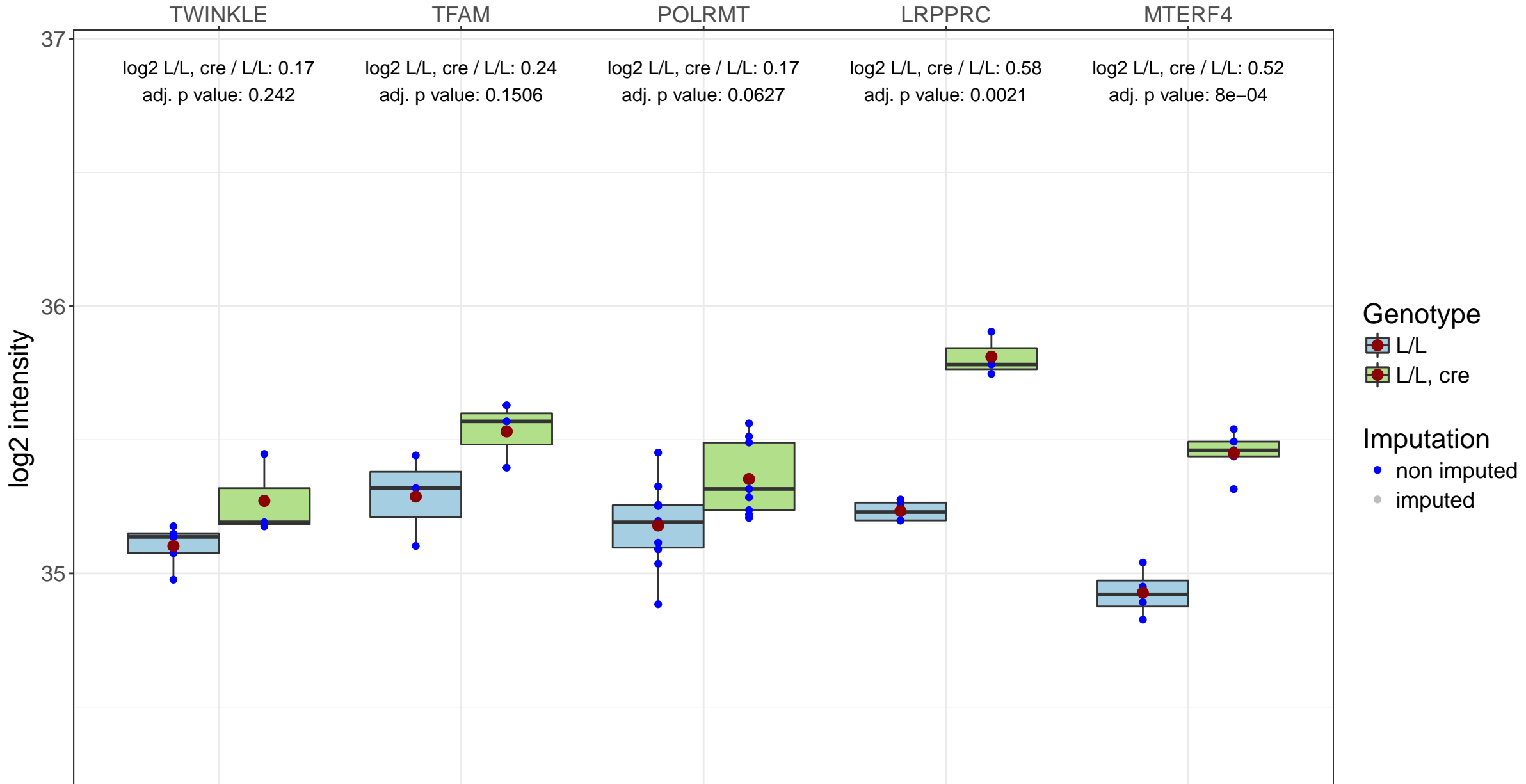
# IDH3A / Q9D6R2



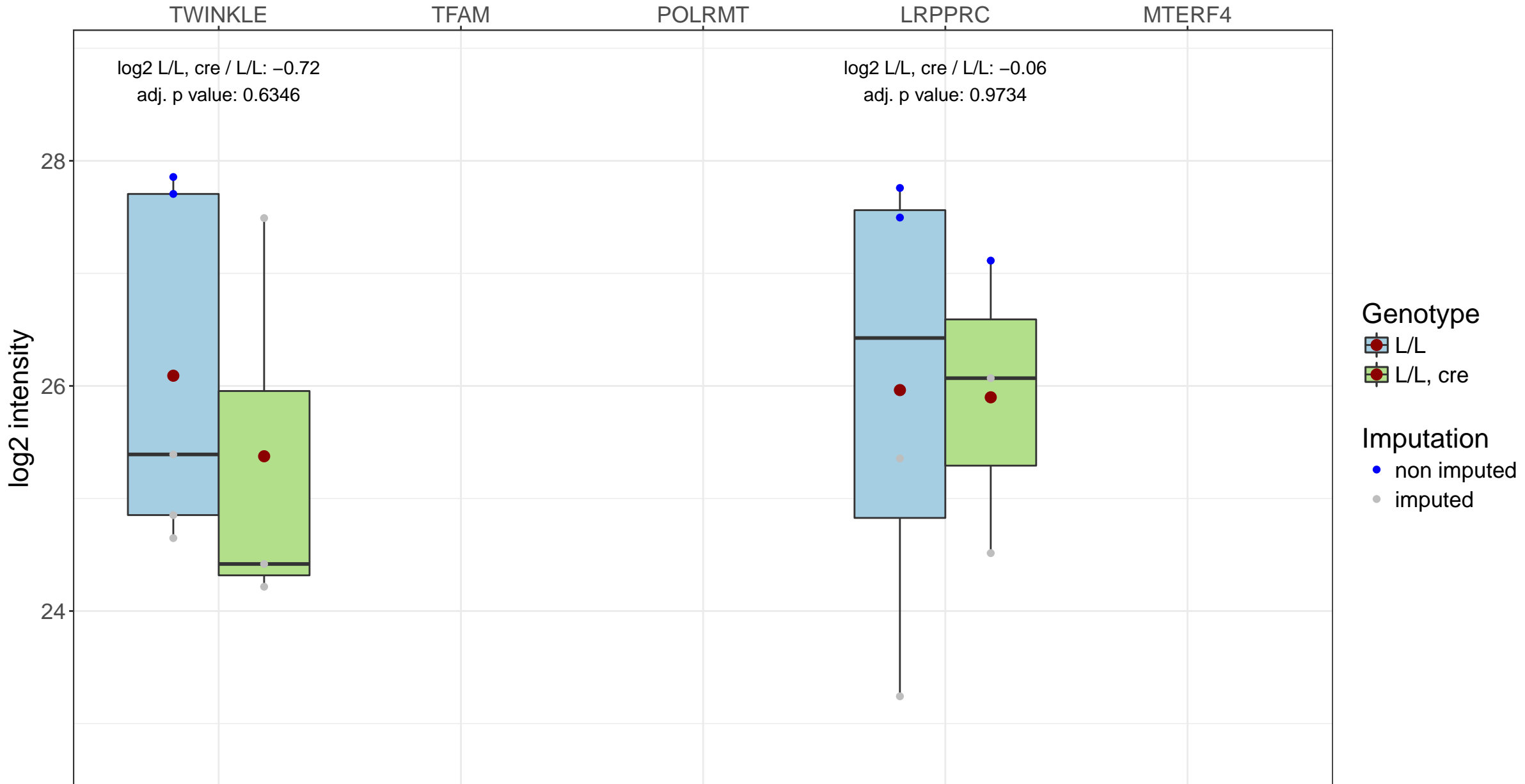
# IDH3B / Q91VA7



# IDH3G / P70404



# IGFBP7 / F8WH23



# IKBIP / E9QMH7

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 intensity

28

27

26

25

24

23

log2 L/L, cre / L/L: 0.39

adj. p value: 0.5056

Genotype

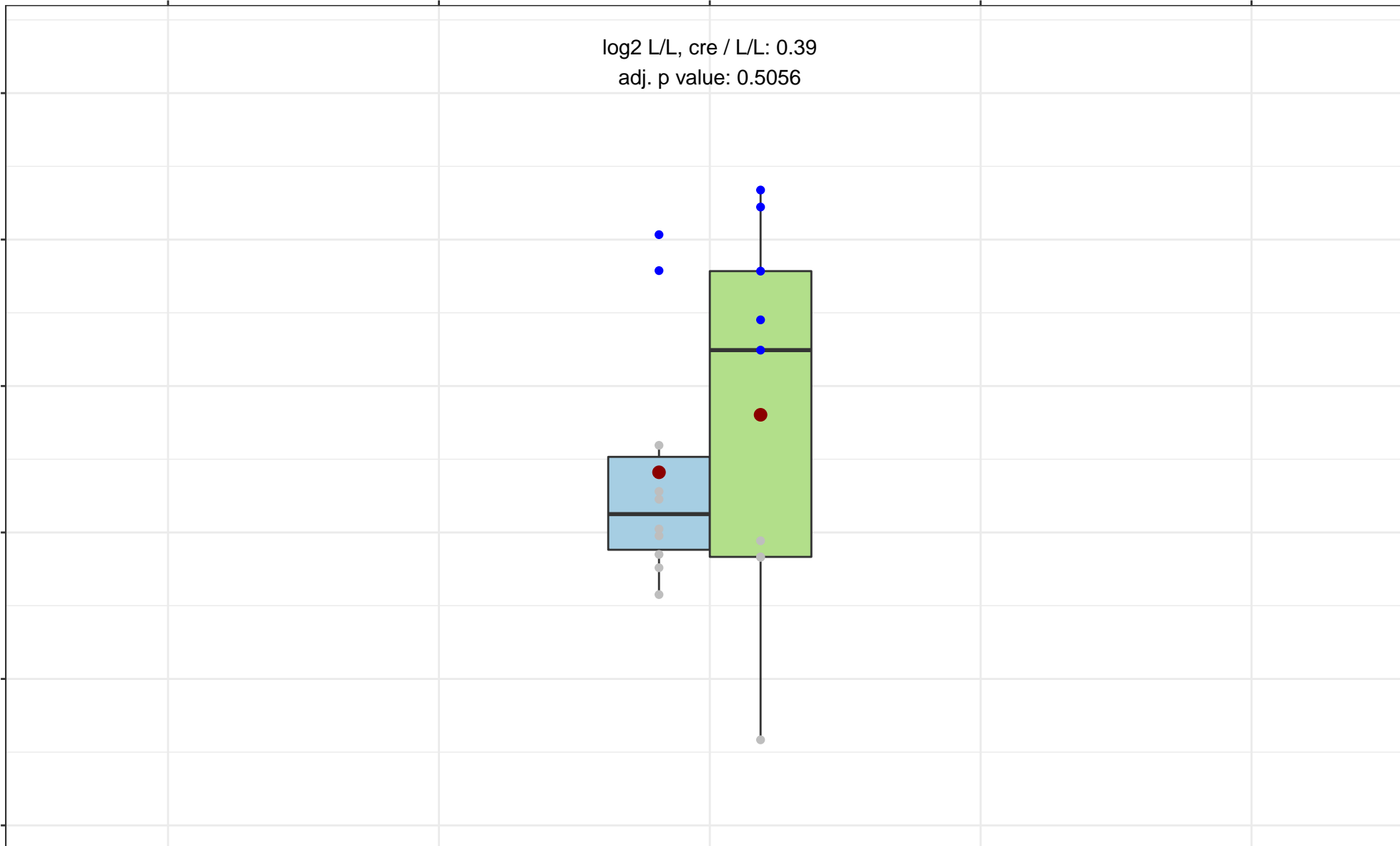
L/L

L/L, cre

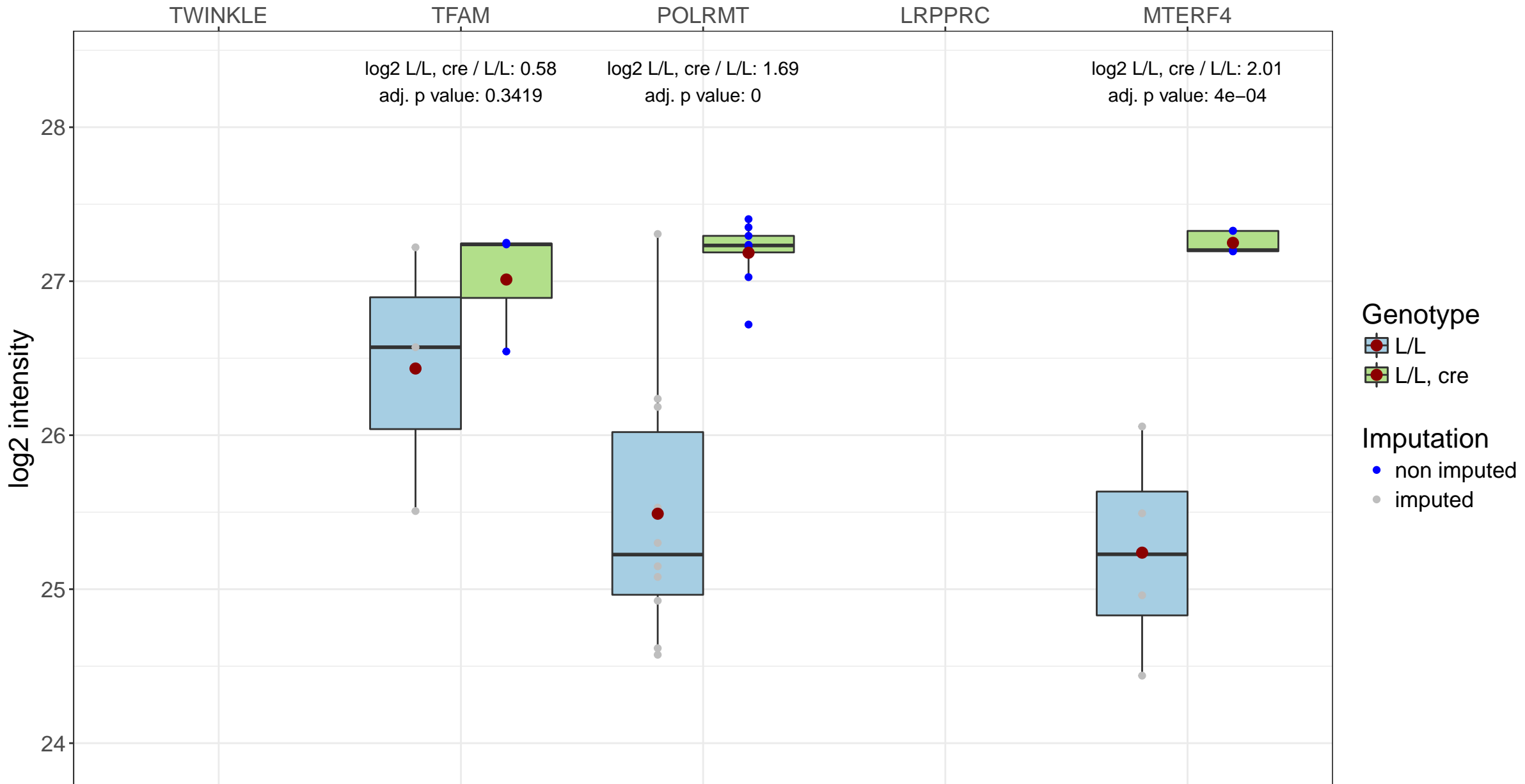
Imputation

non imputed

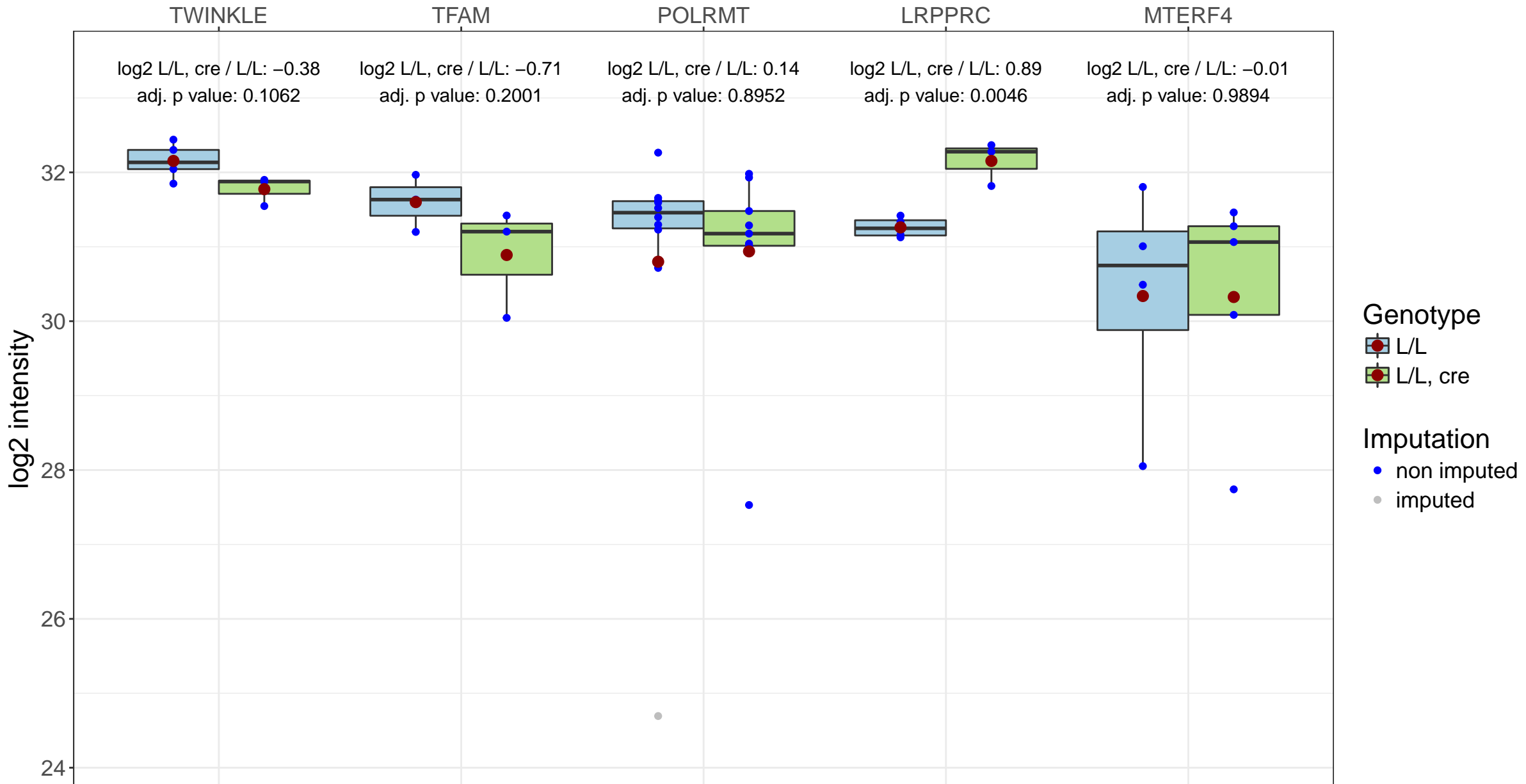
imputed



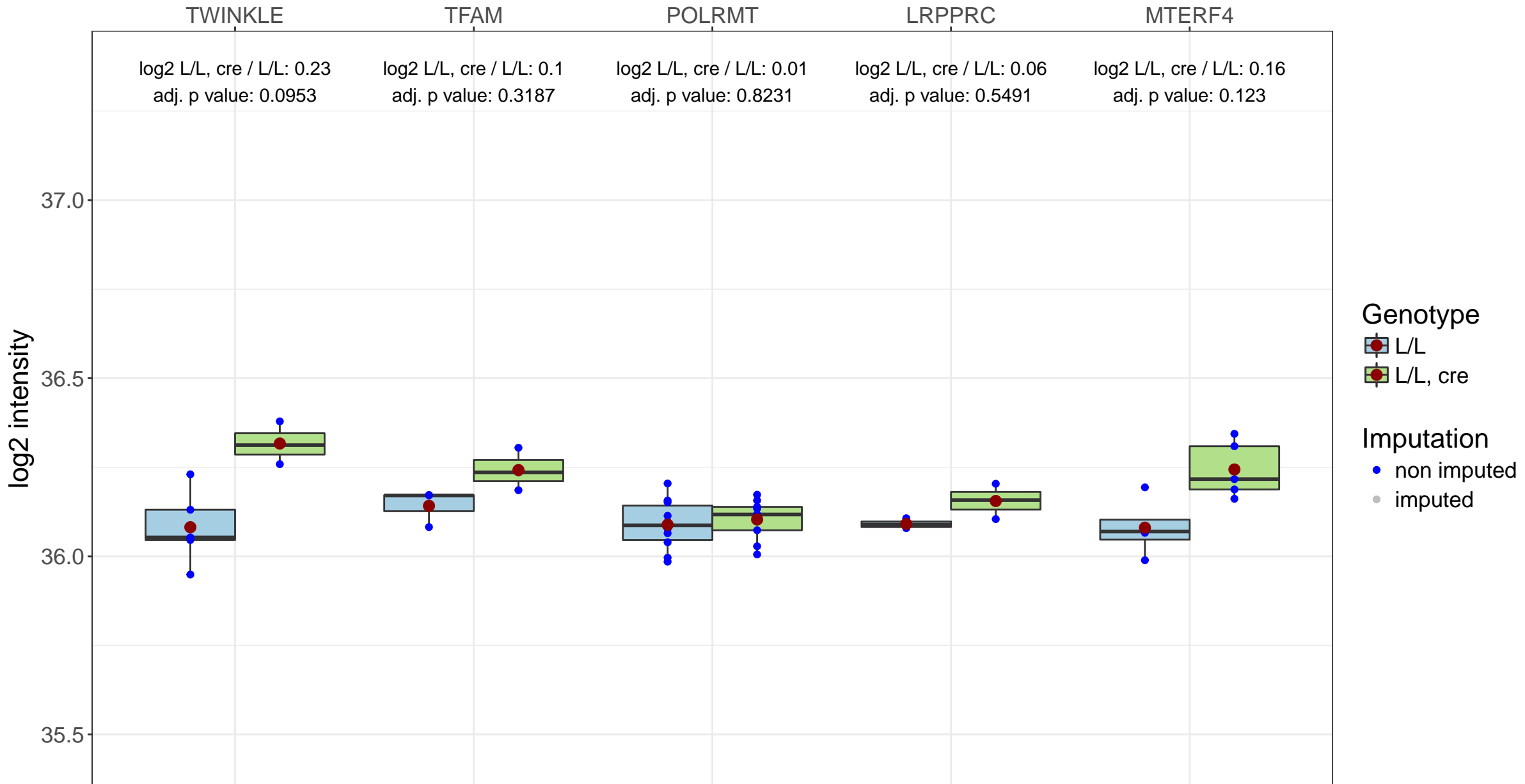
# IMMP2L / Q8BPT6



# IMMT / E9Q800

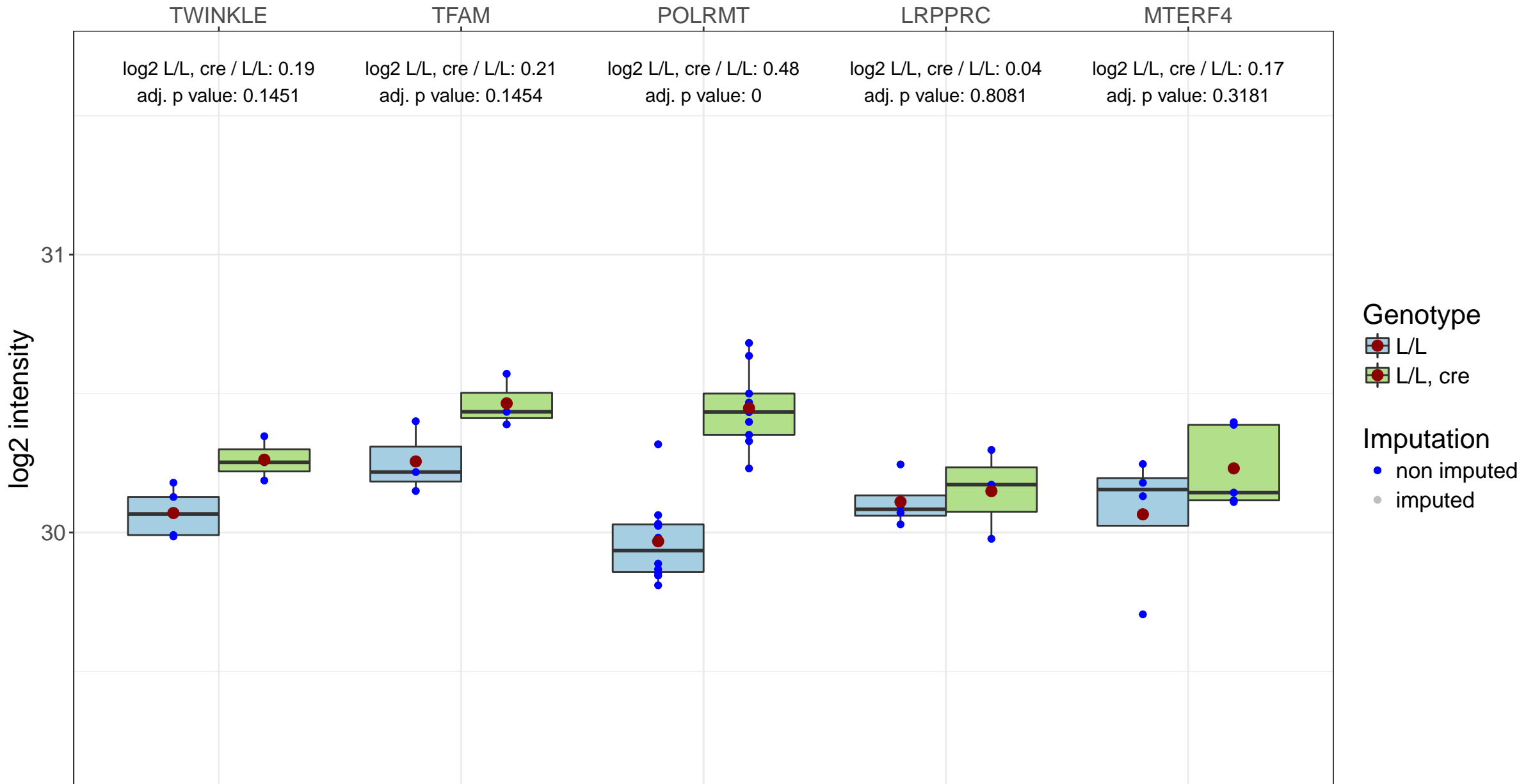


# IMMT / Q8CAQ8-2

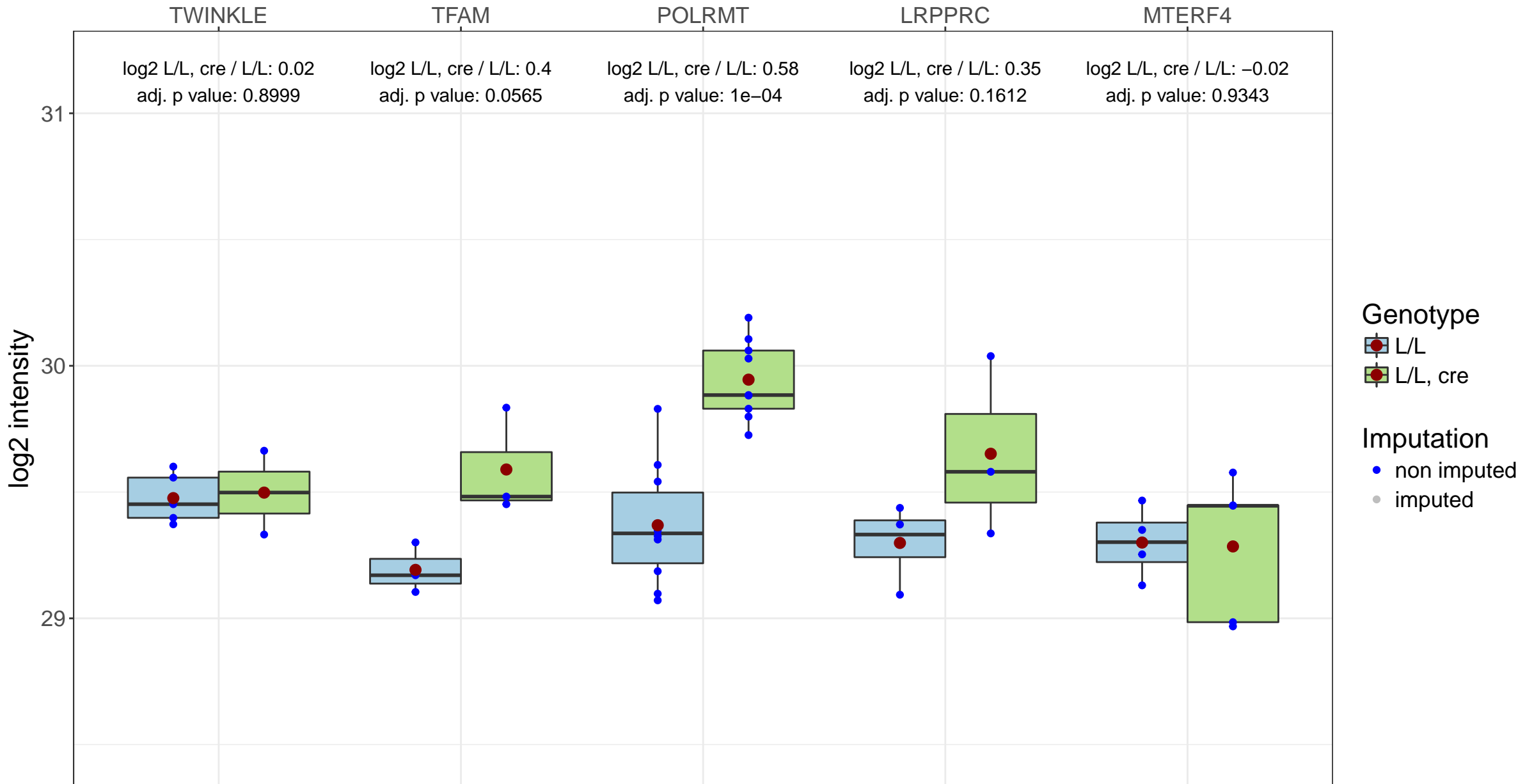




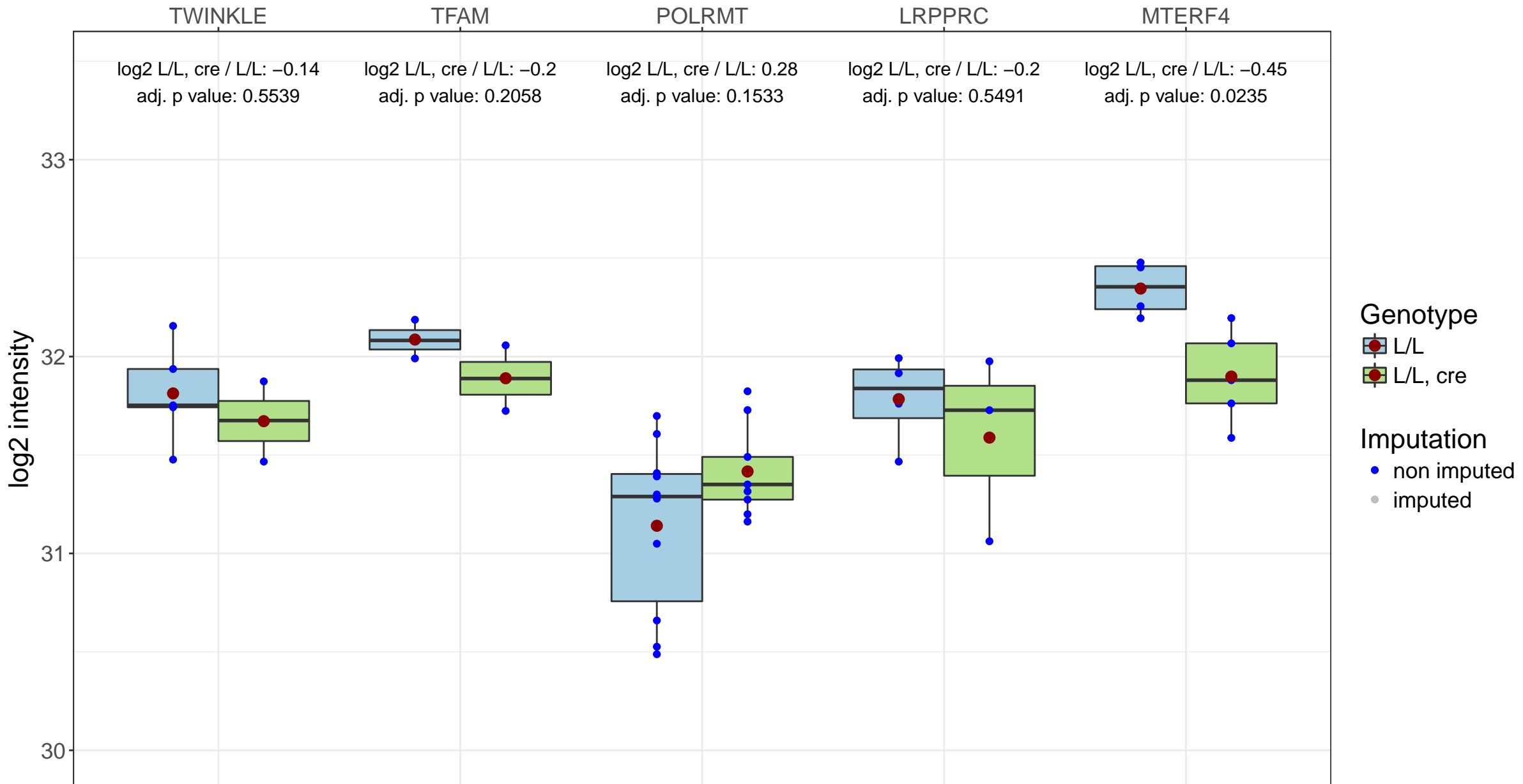
# ISCA2 / Q9DCB8



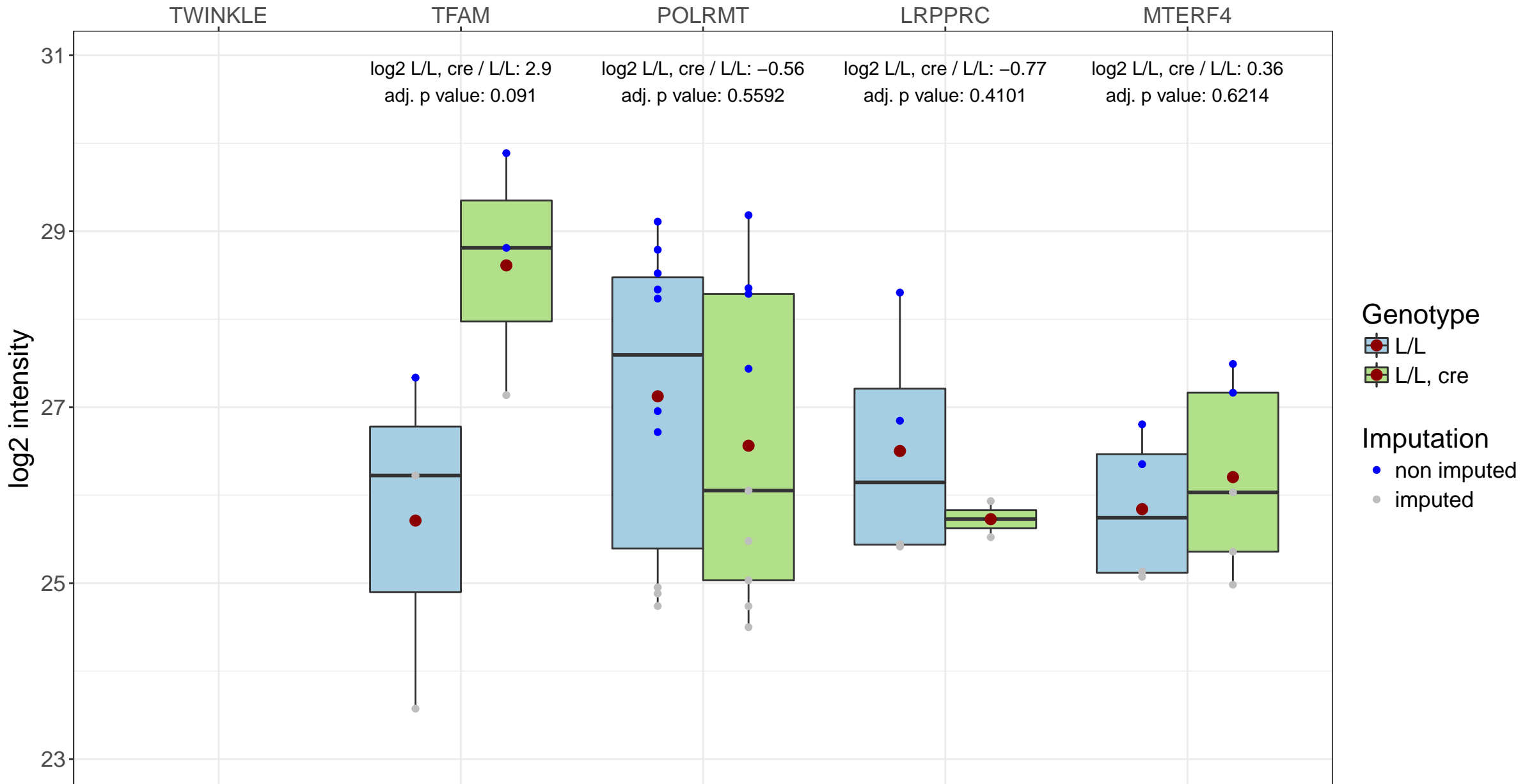
# ISCU / Q9D7P6



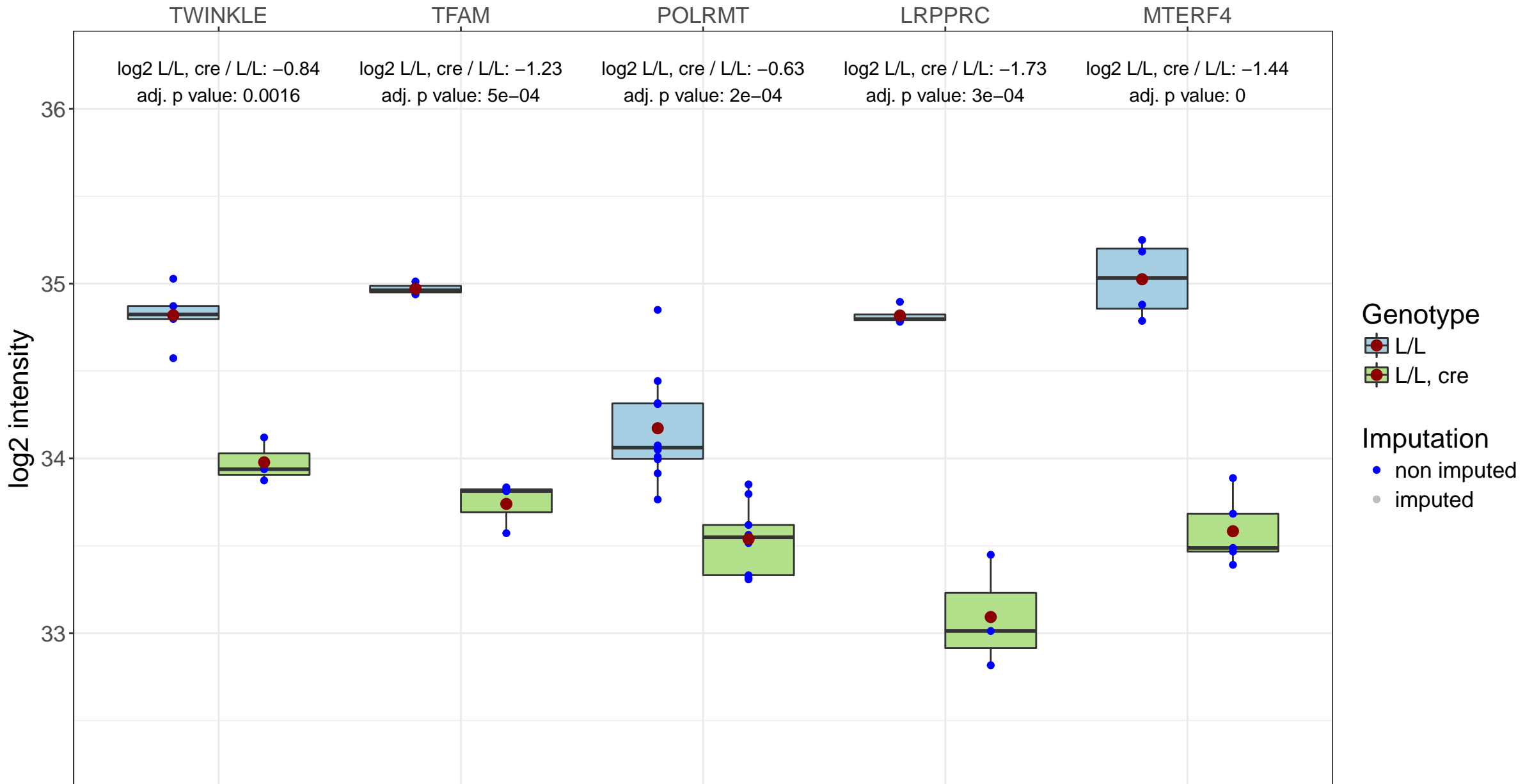
# ISOC2A / P85094



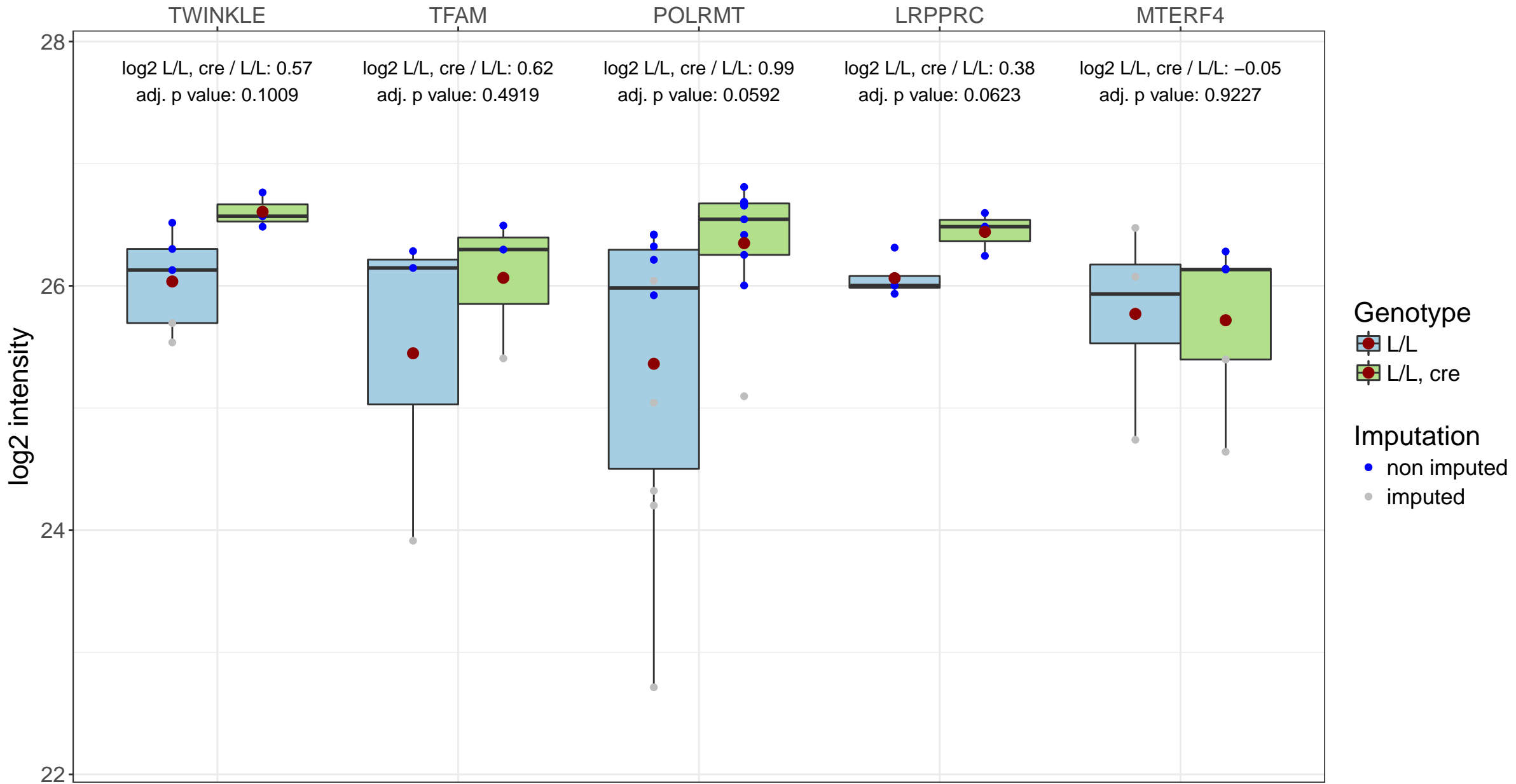
# ITSN1 / E9Q3I8



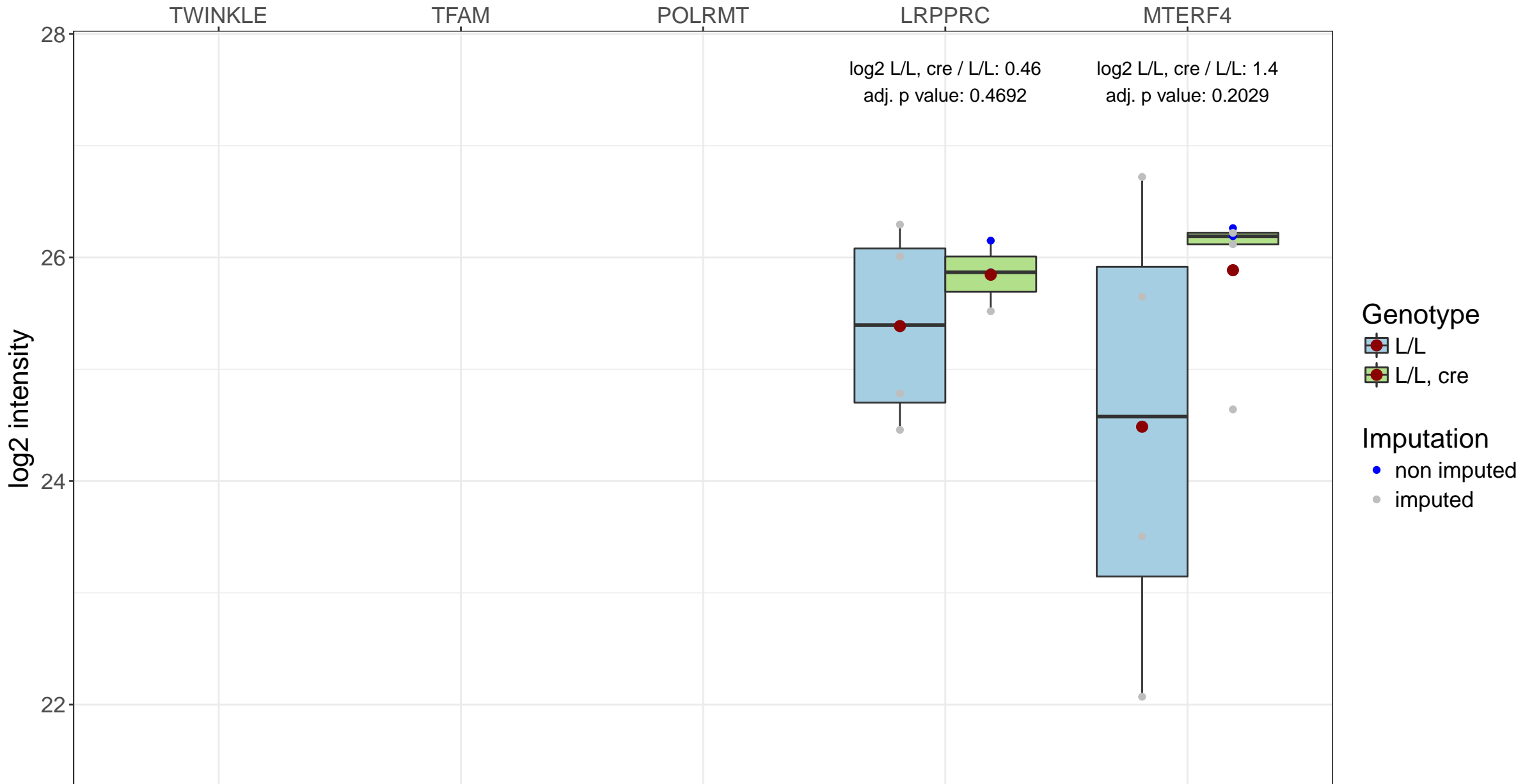
# IVD / Q9JHI5



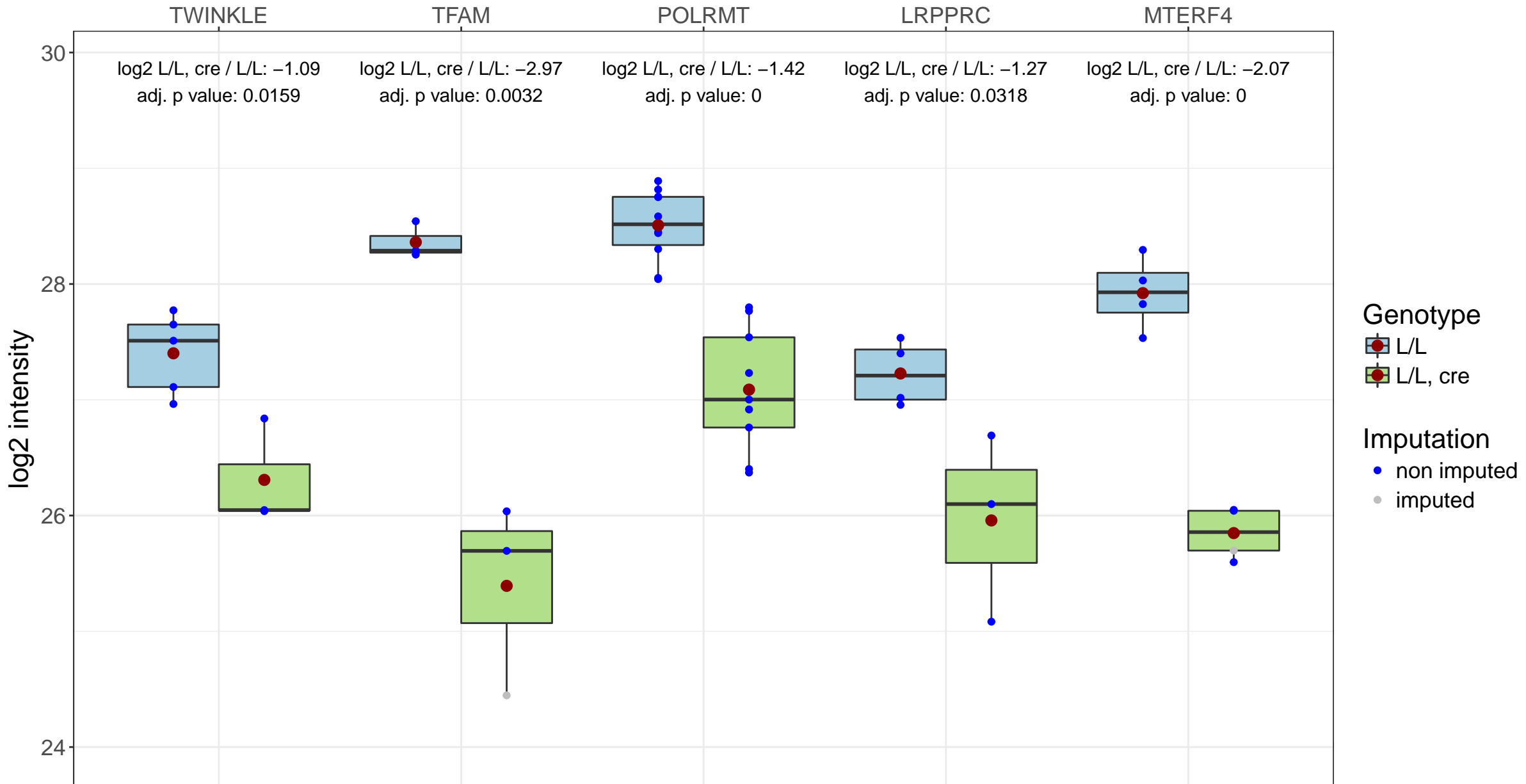
# KARS / Q99MN1



# KIAA0391 / Q8JZY4

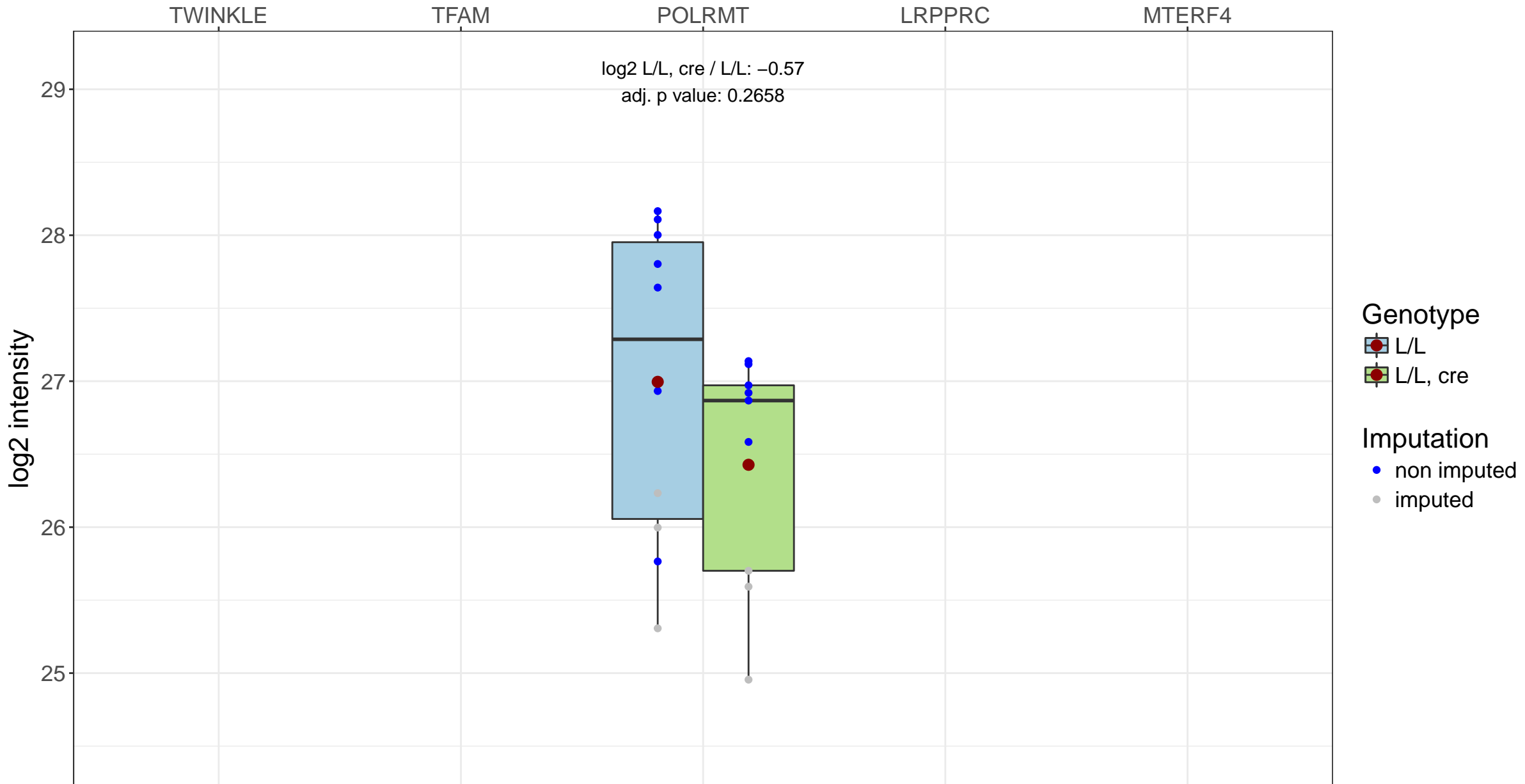


# KIF5B / Q61768

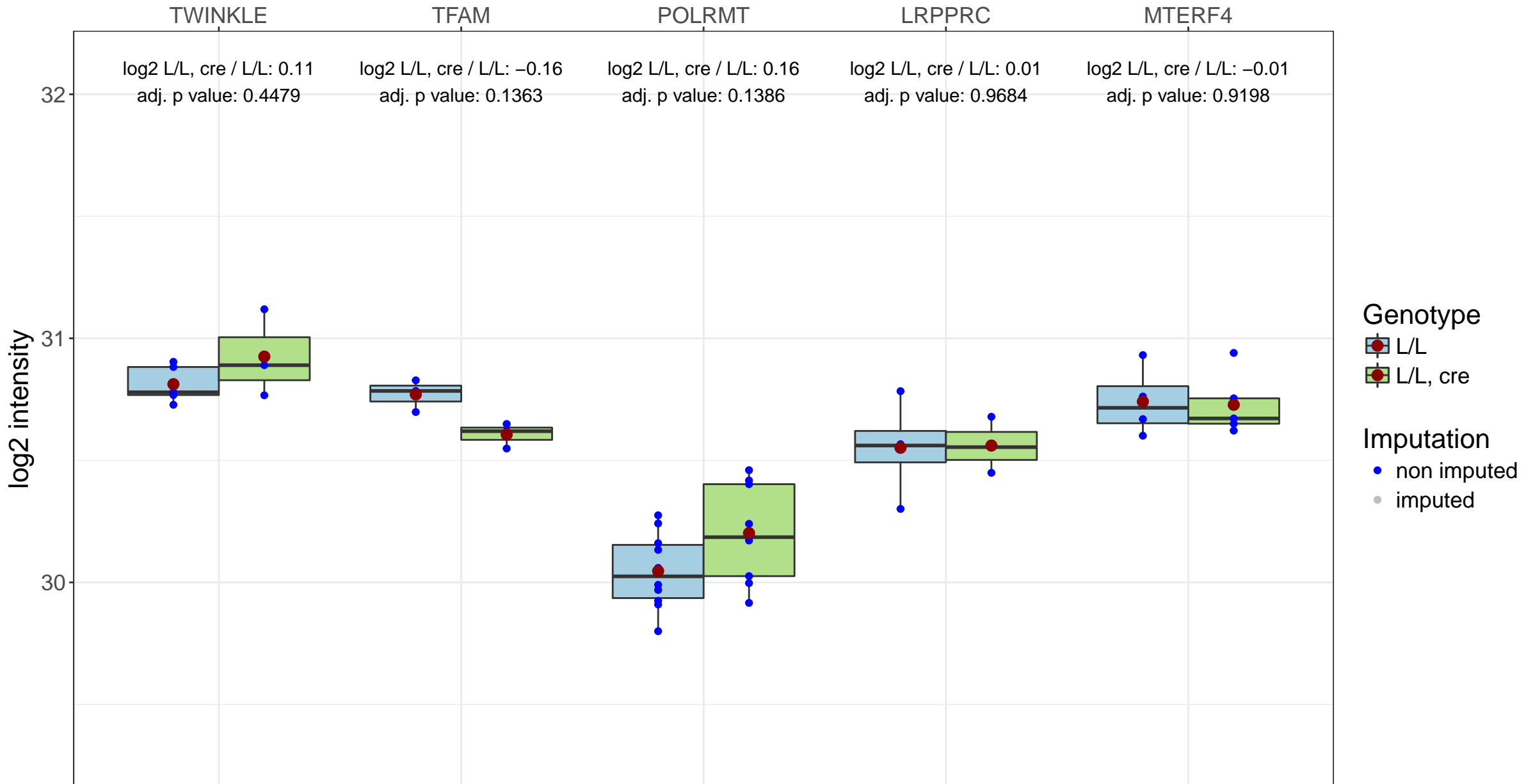




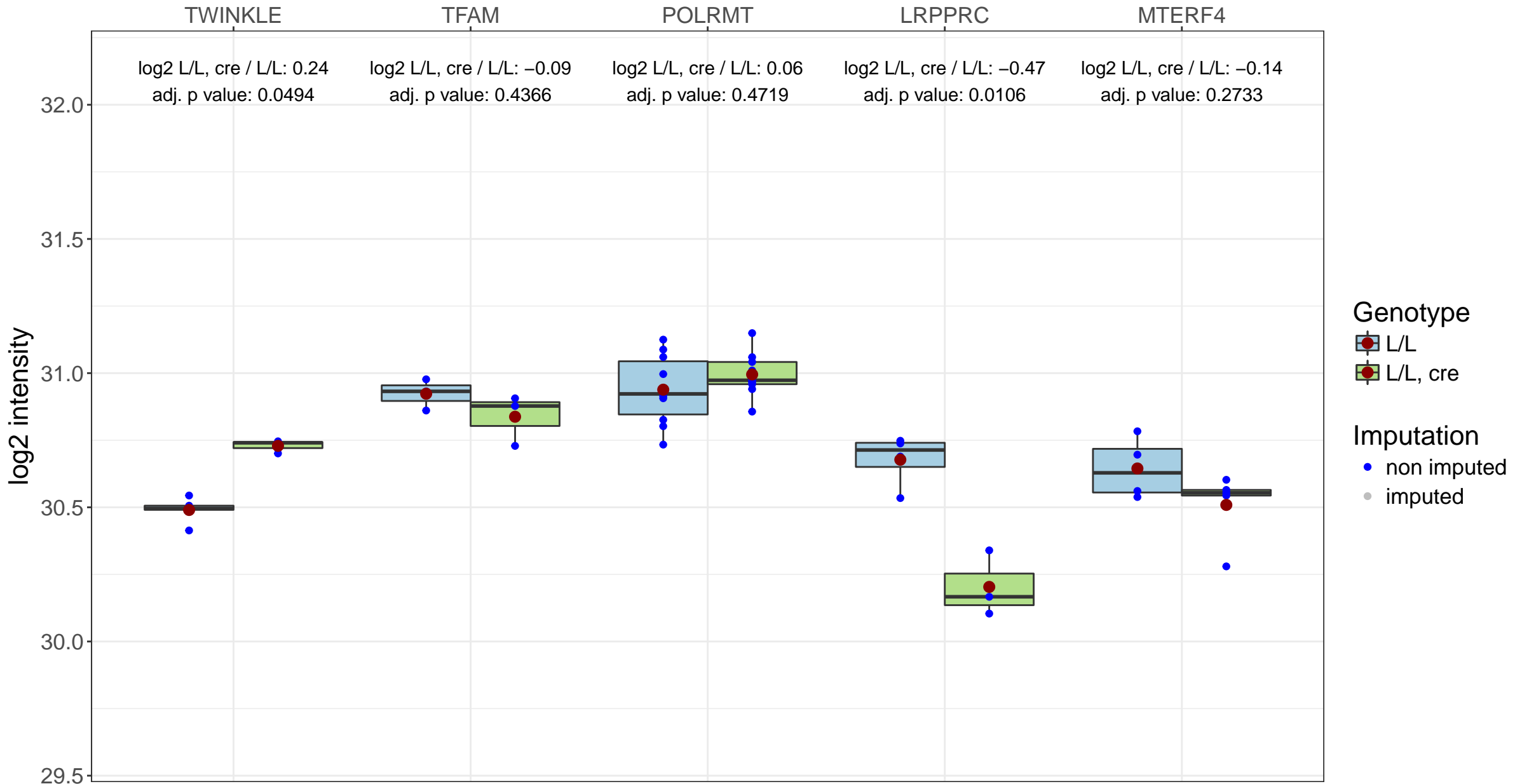
# KTN1 / F8VQC7



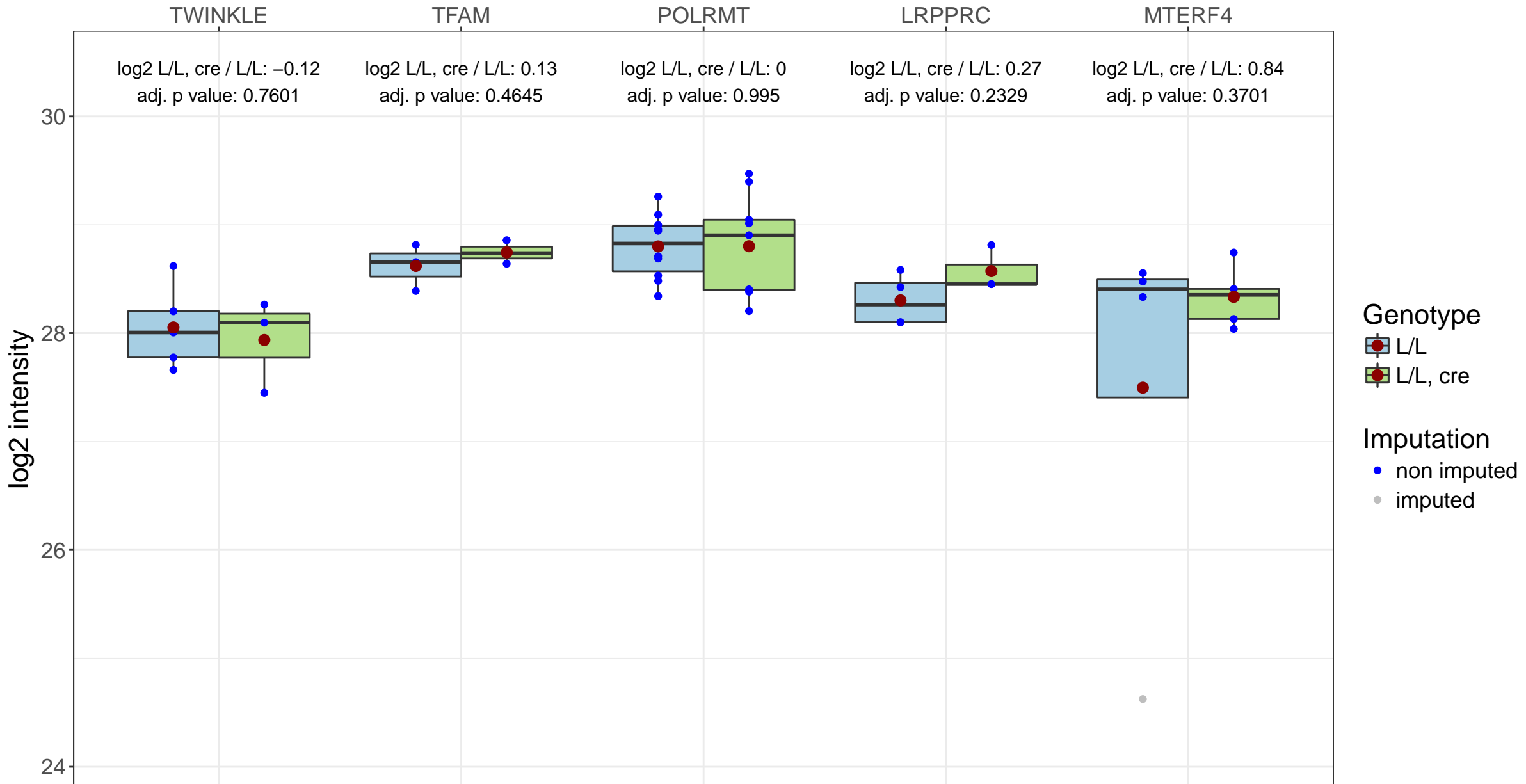
# L2HGDH / Q91YP0



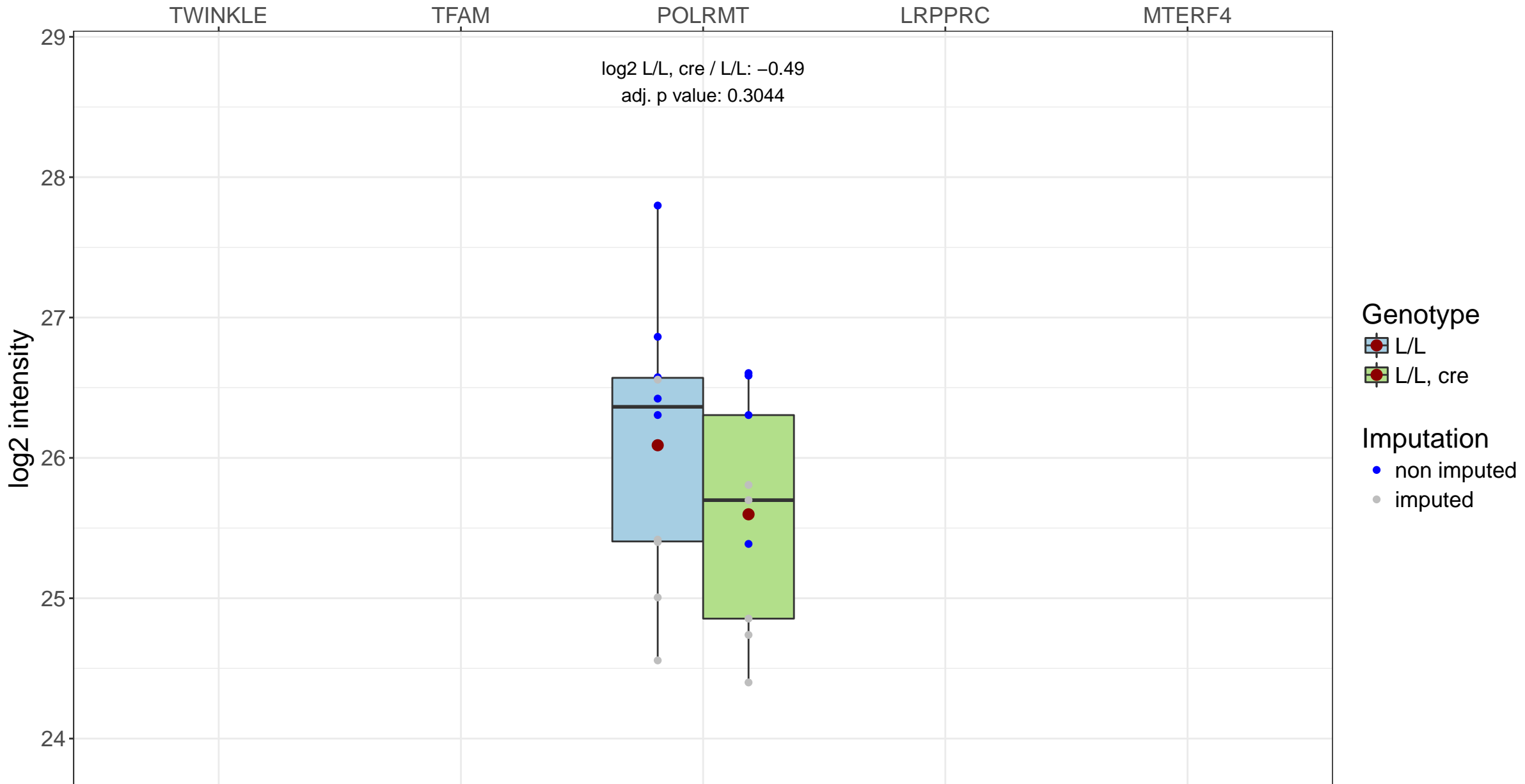
# LACE1 / Q3V384



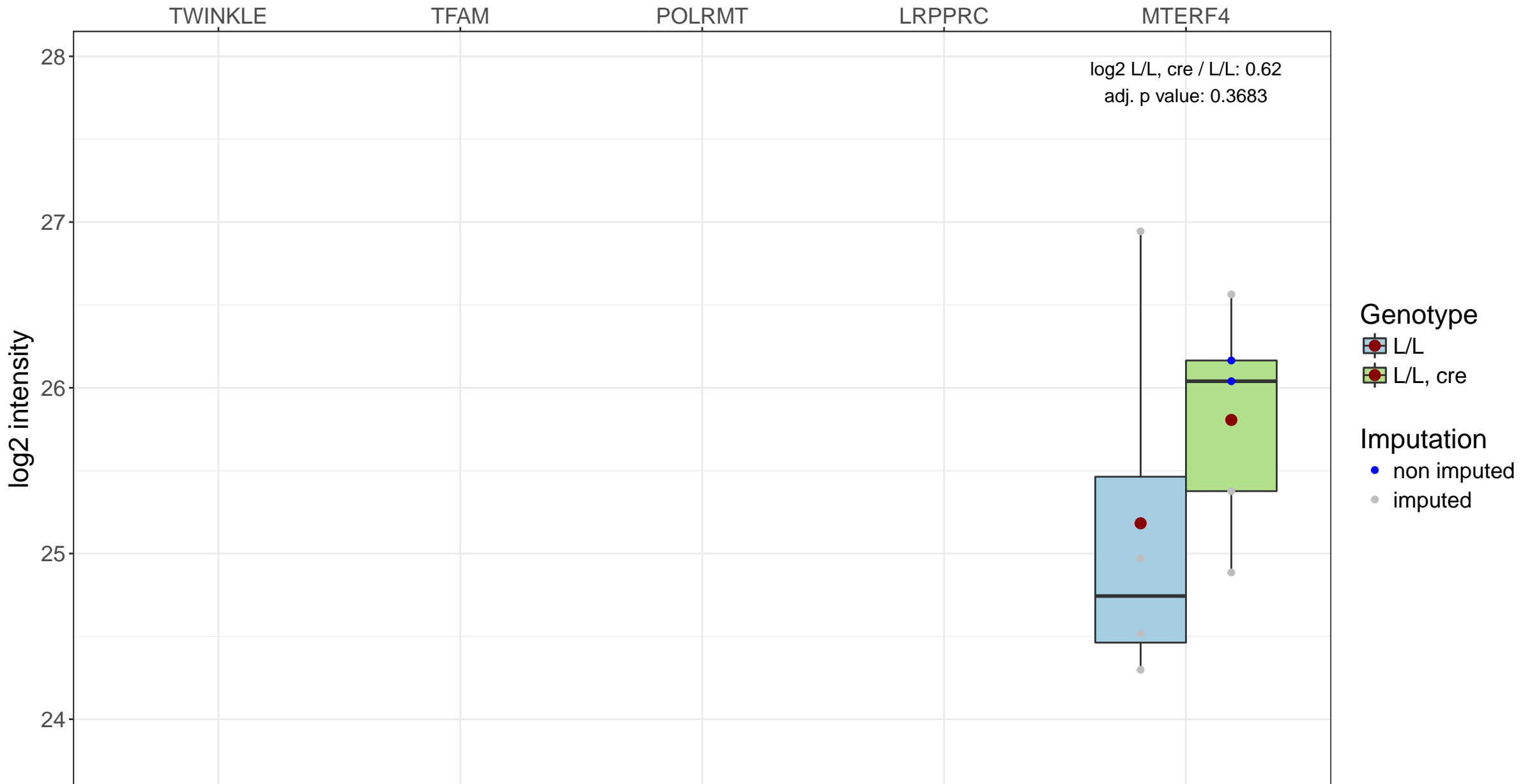
# LACTB / Q9EP89



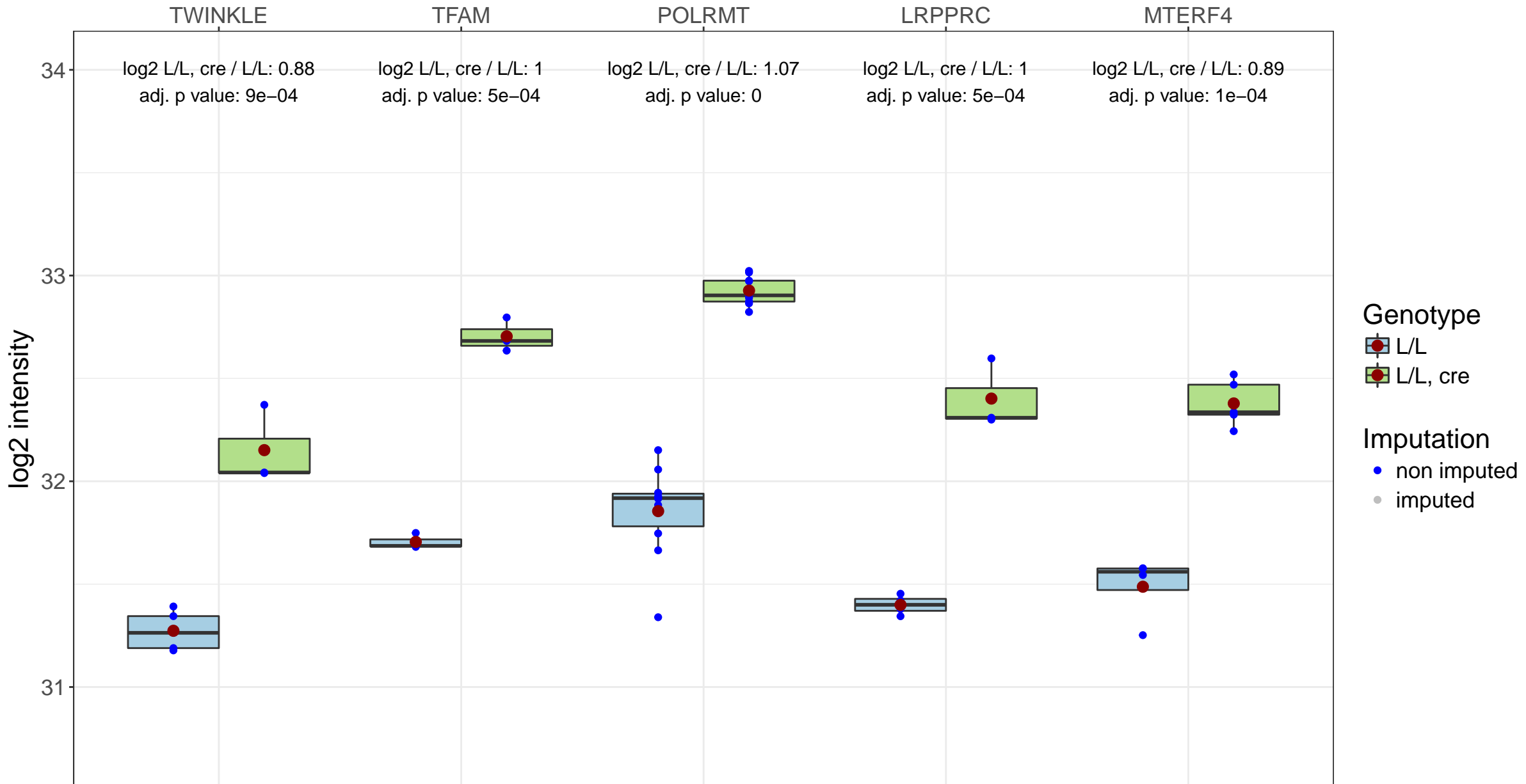
# LAMC1 / F8VQJ3



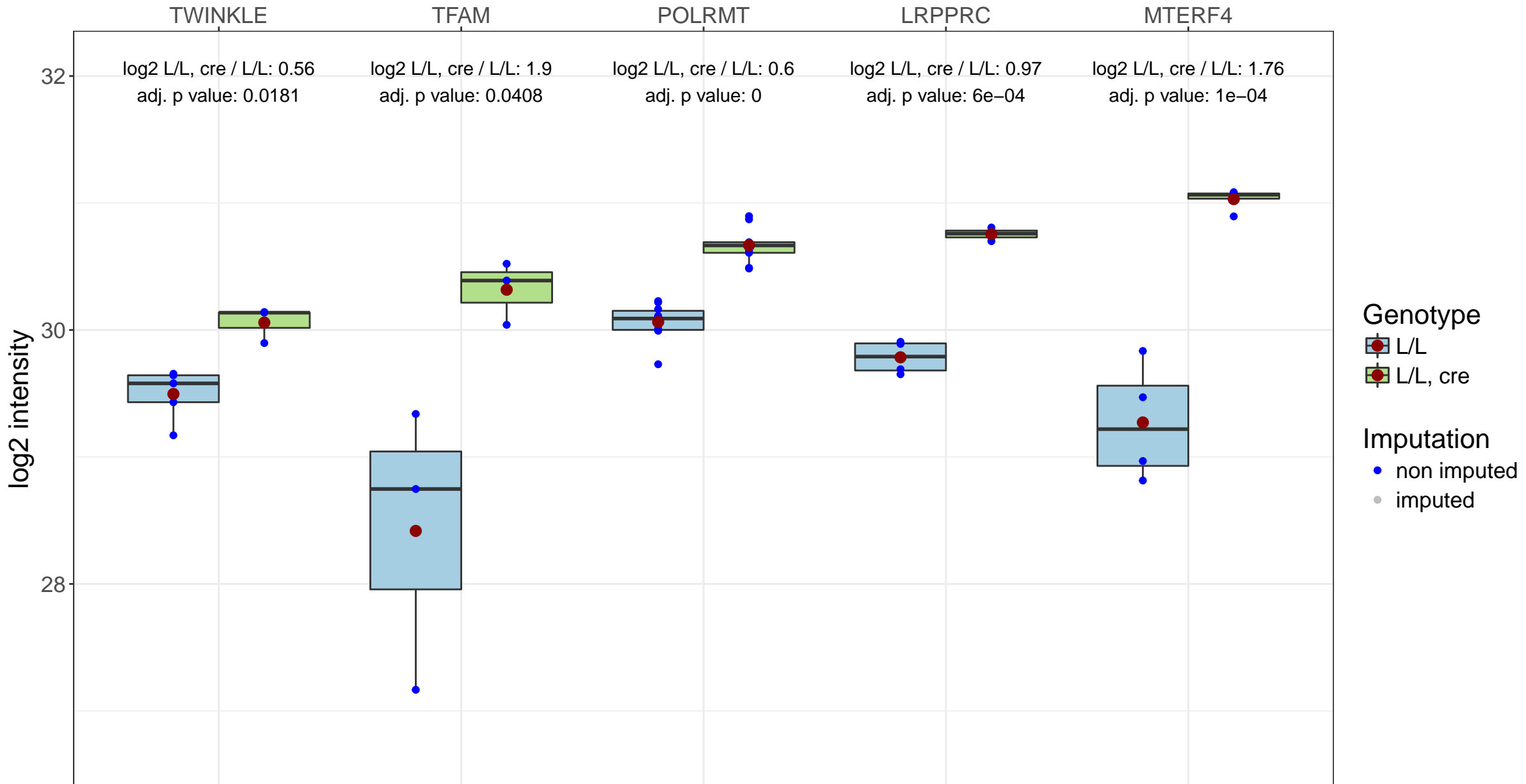
# LAMP1 / P11438



# LAP3 / Q9CPY7

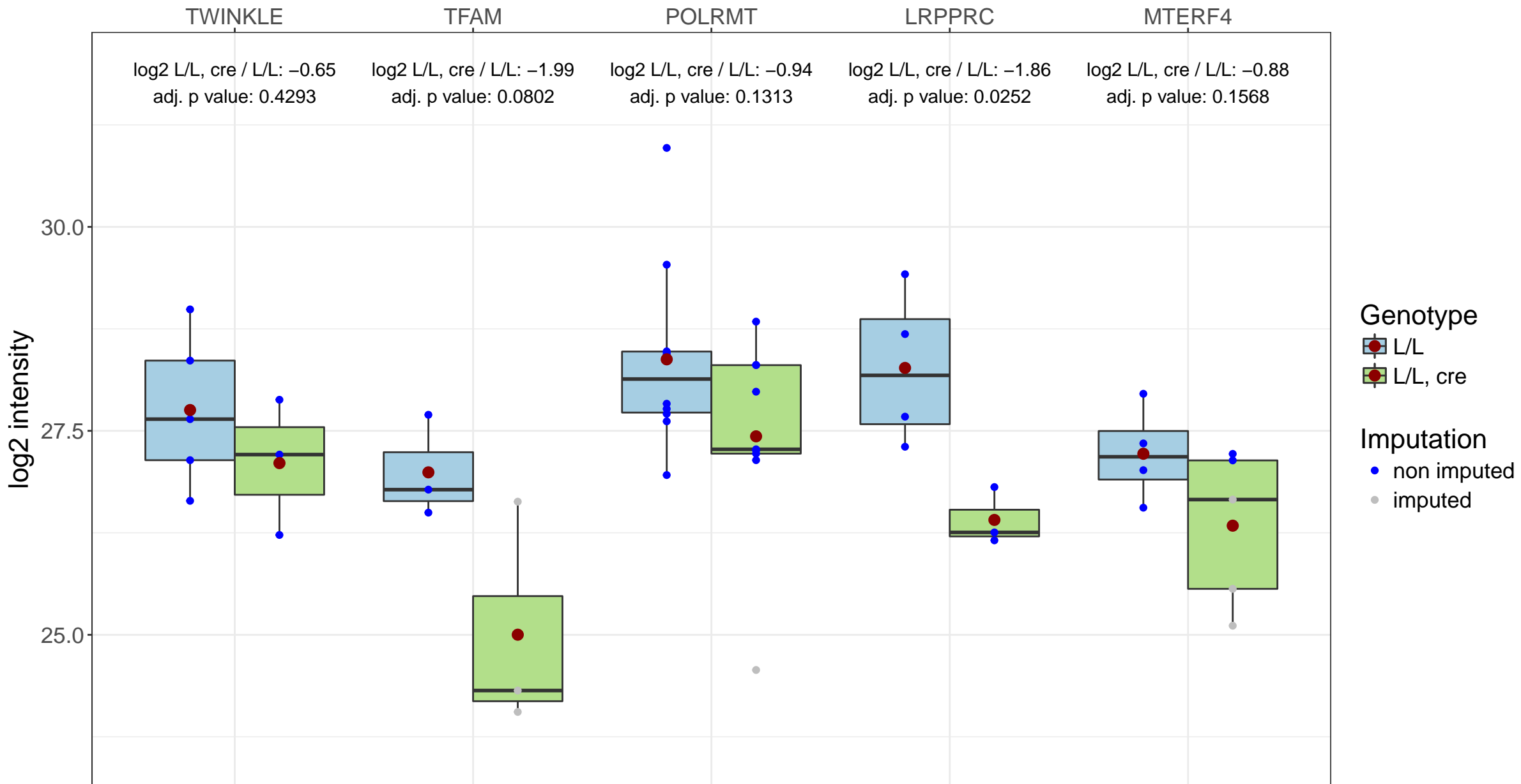


# LARS2 / Q8VDC0

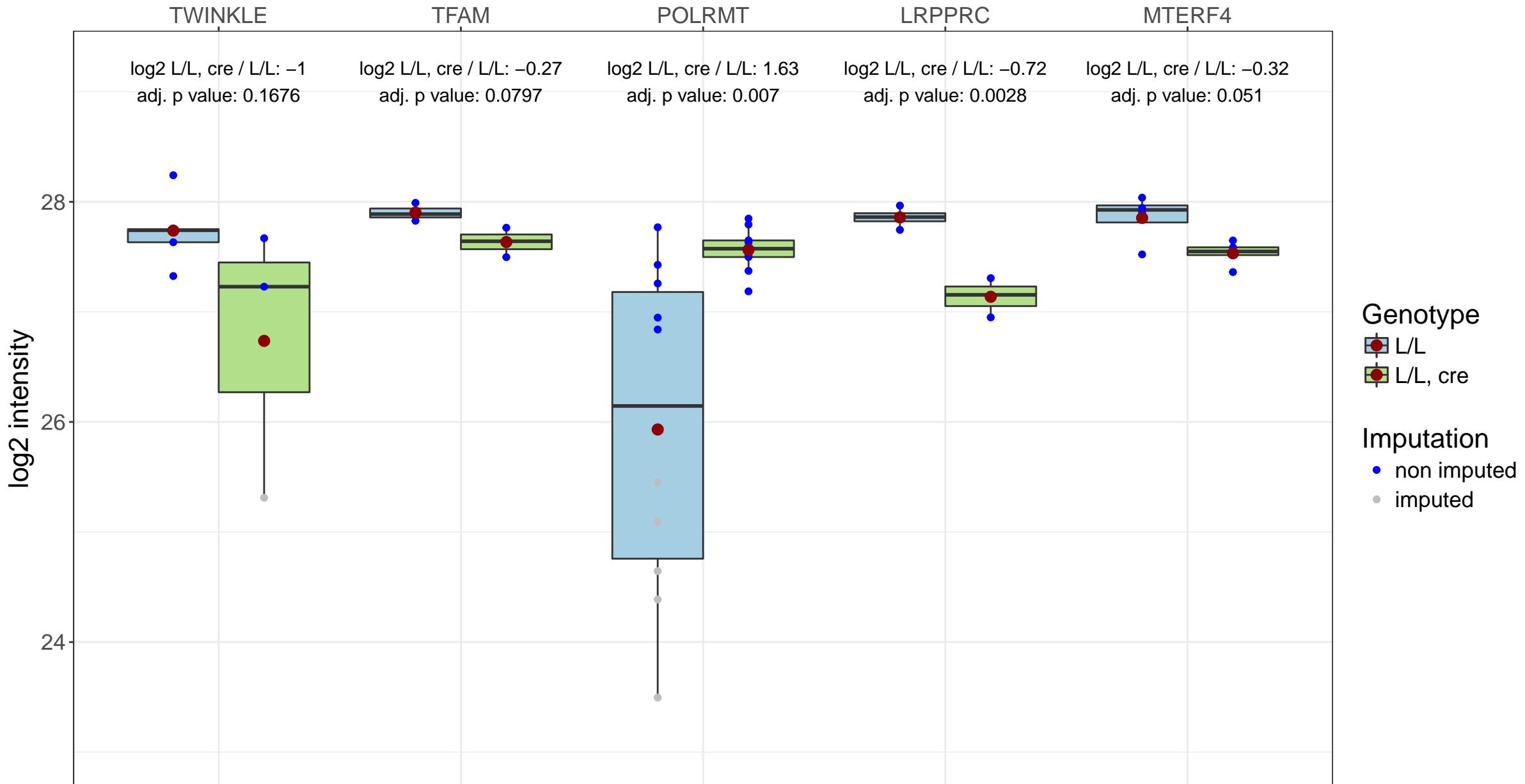




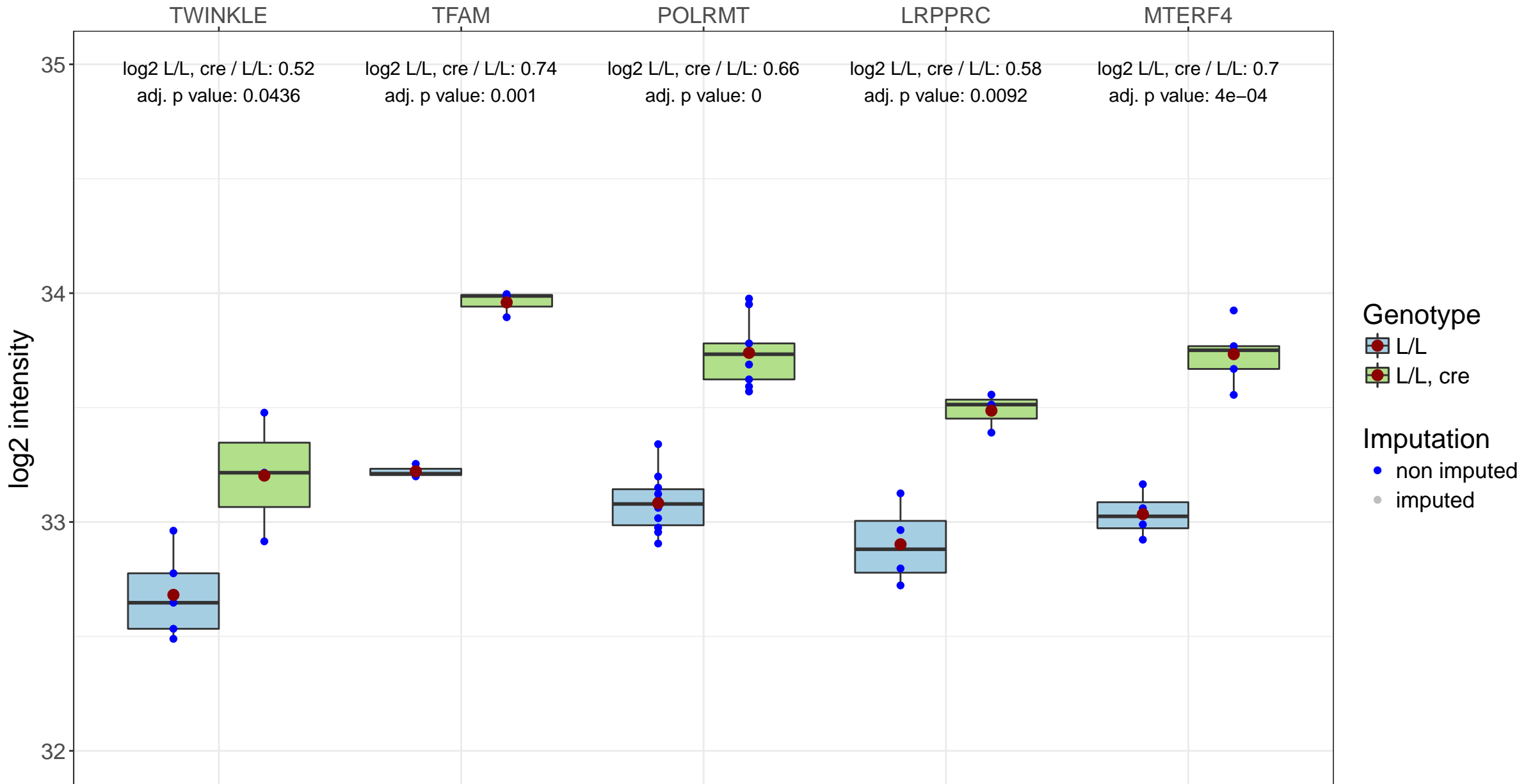
# LDB3 / Q9JKS4-3



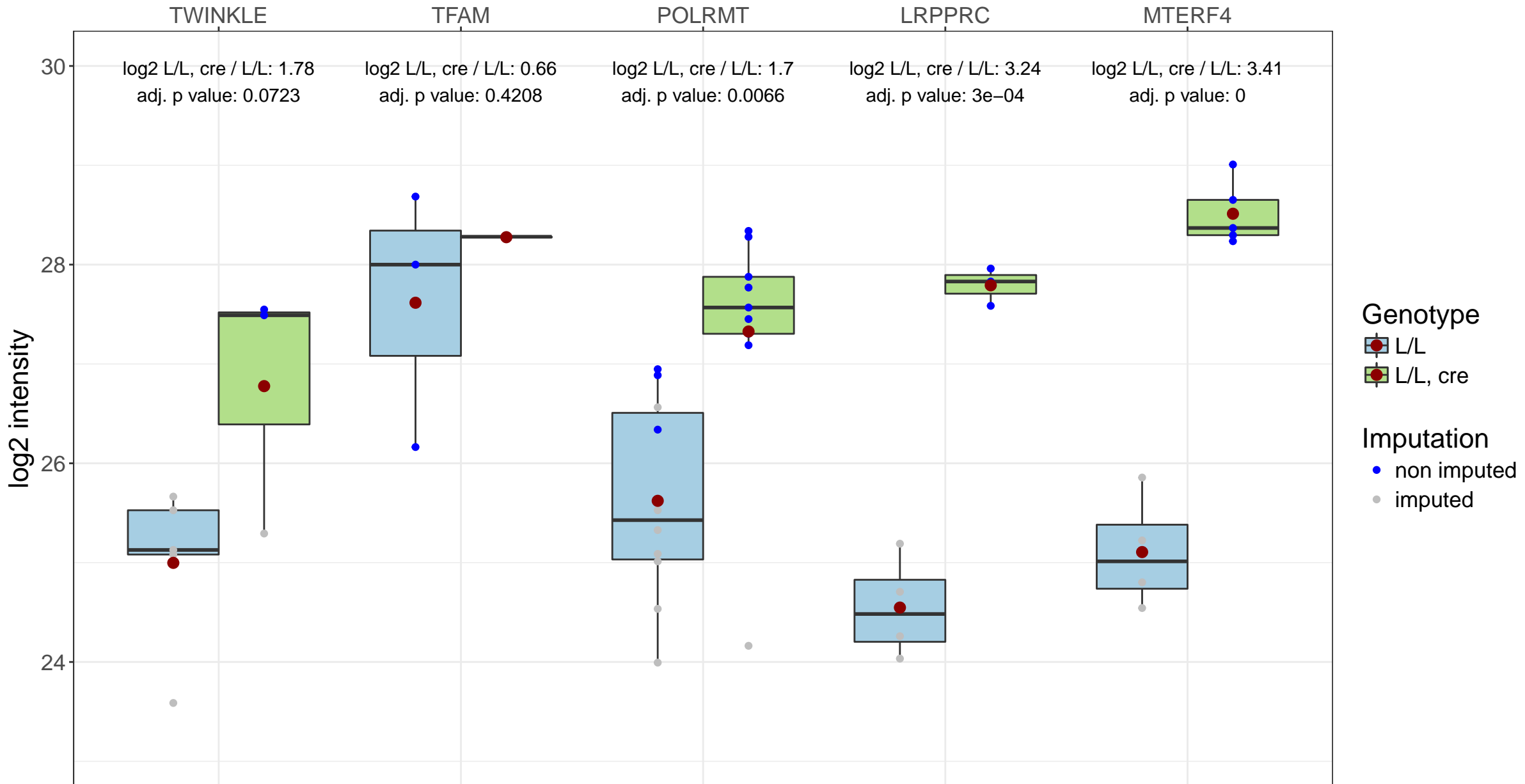
# LDHD / Q7TNG8



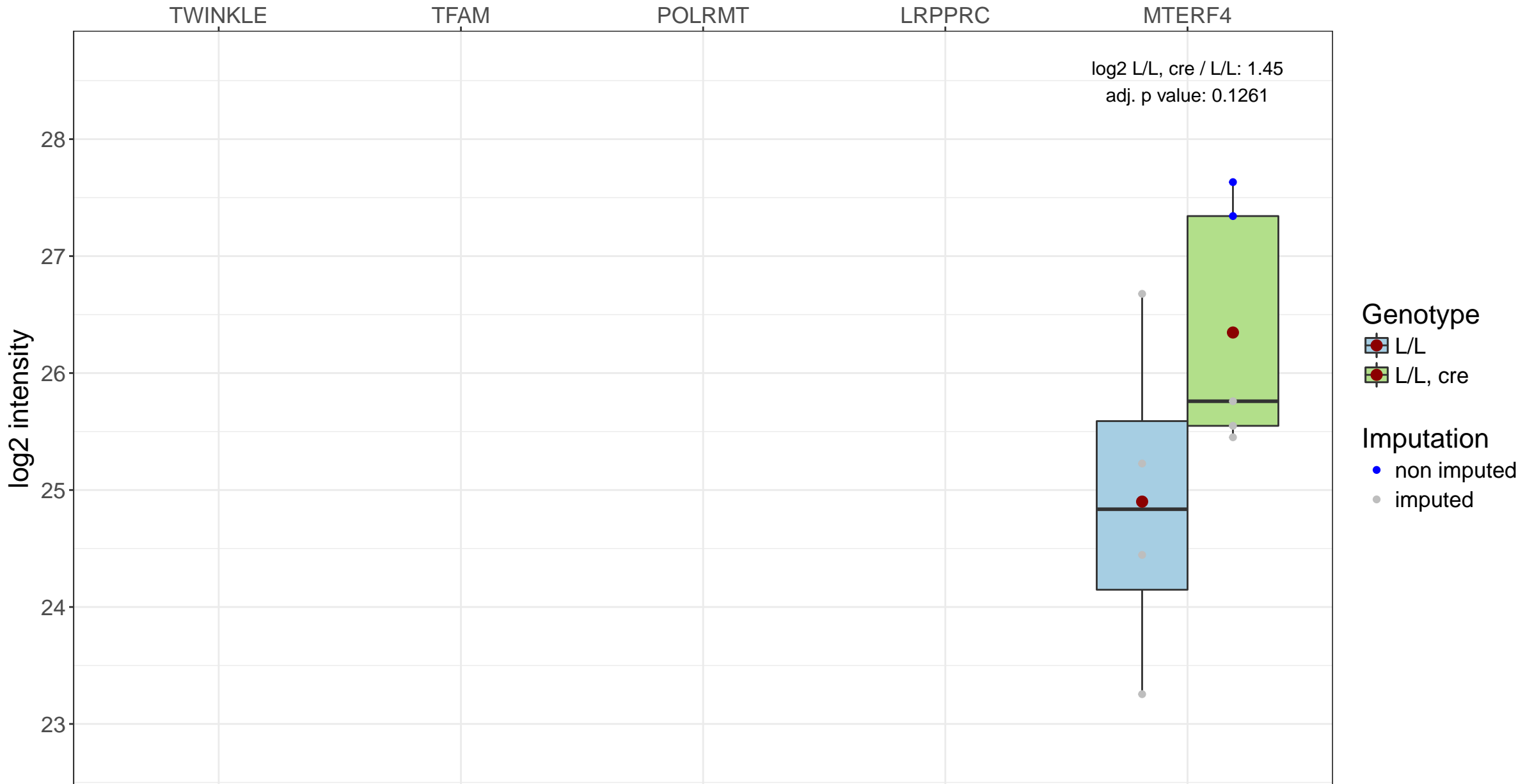
# LETM1 / Q9Z2I0



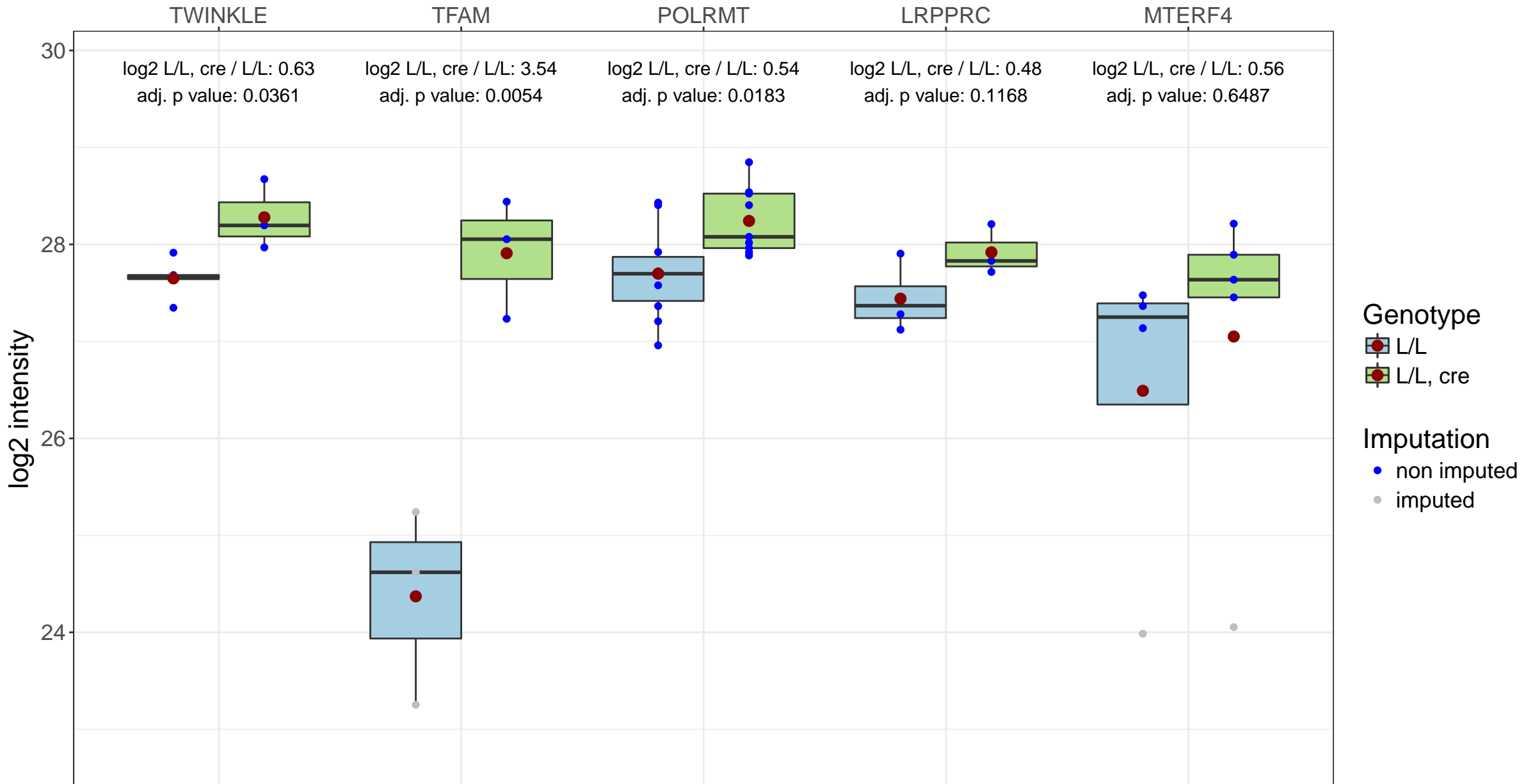
# LETMD1 / Q924L1



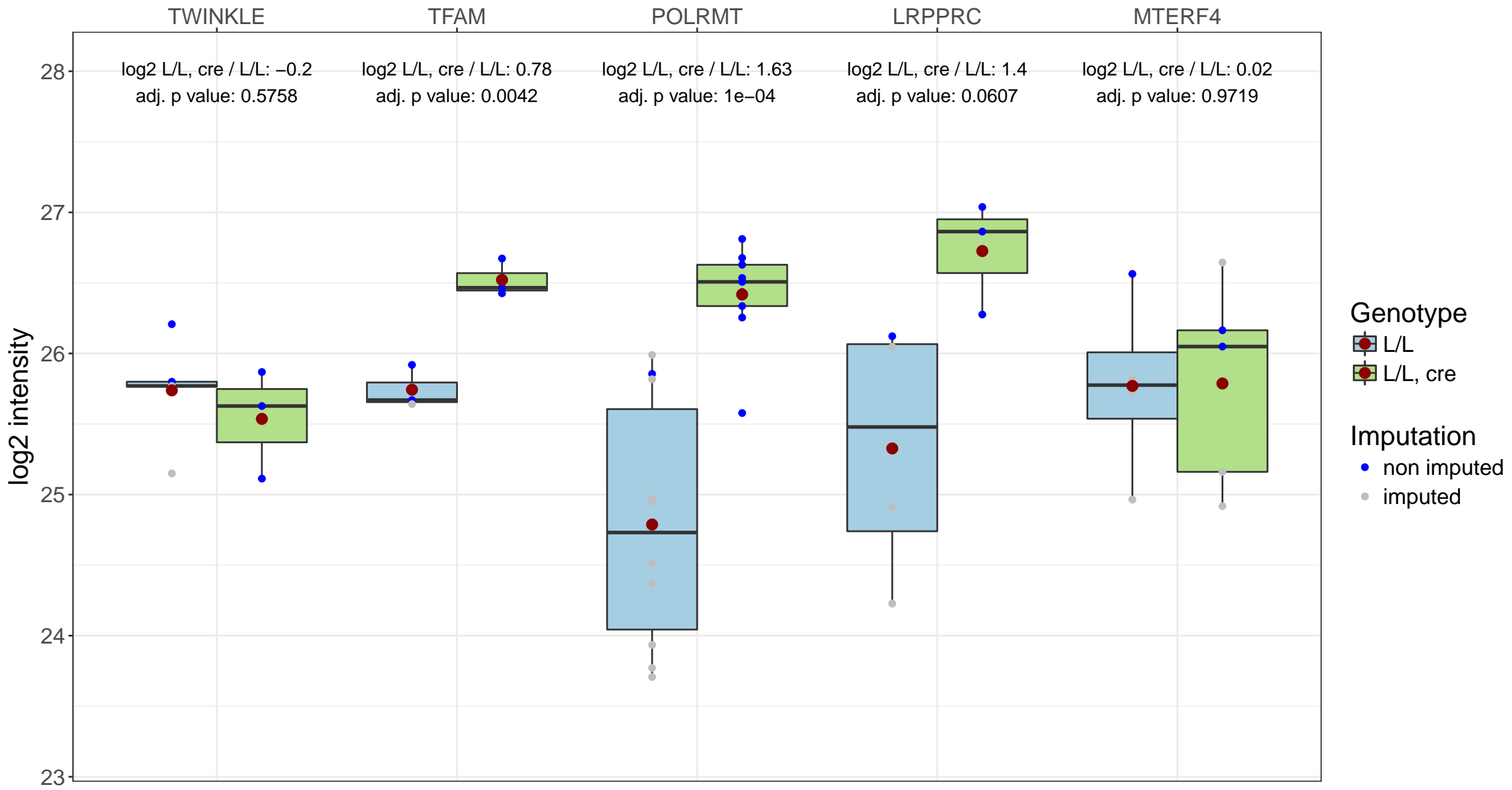
# LGALS3 / Q8C253



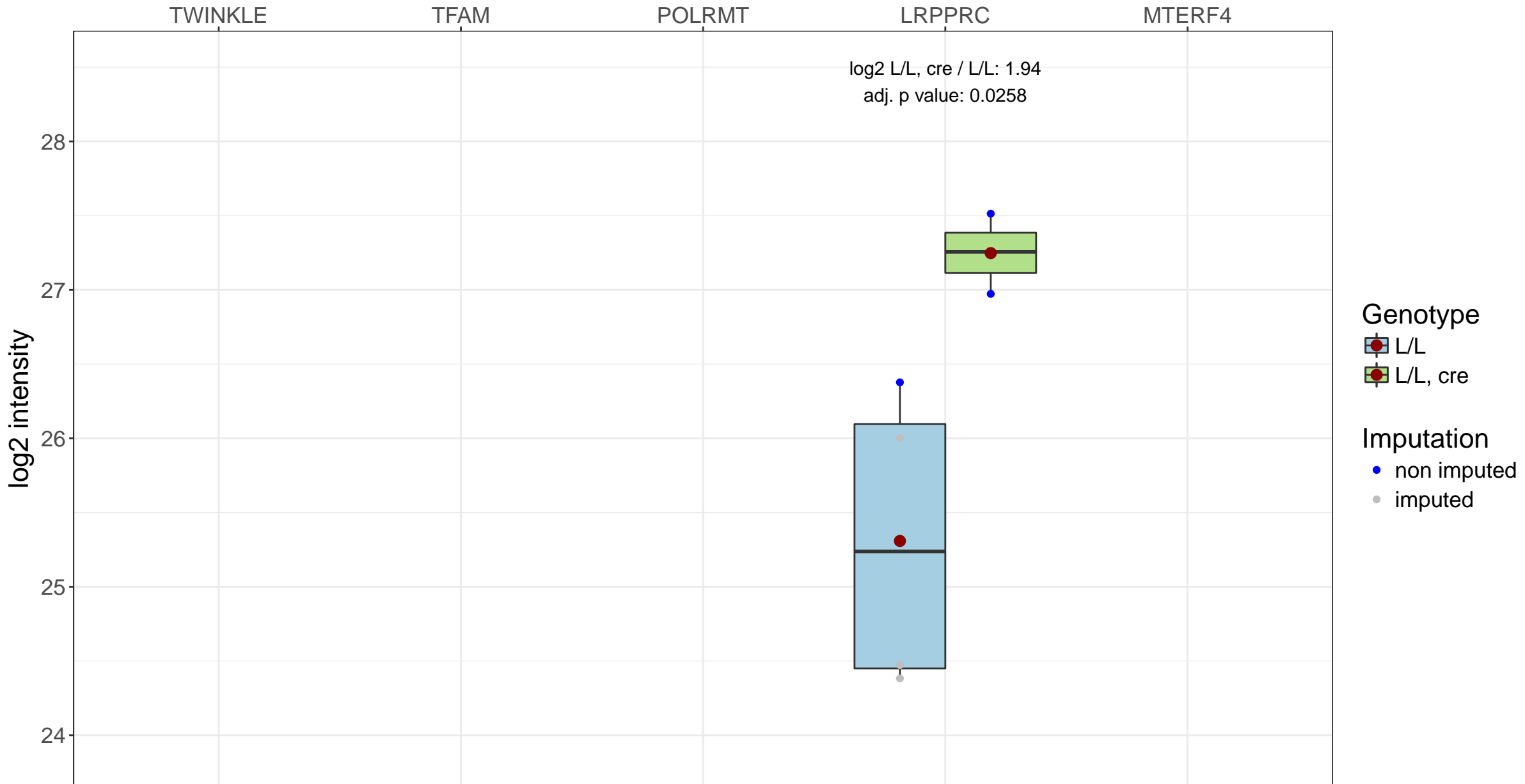
# LIAS / Q99M04



# LIPT1 / Q8VCM4

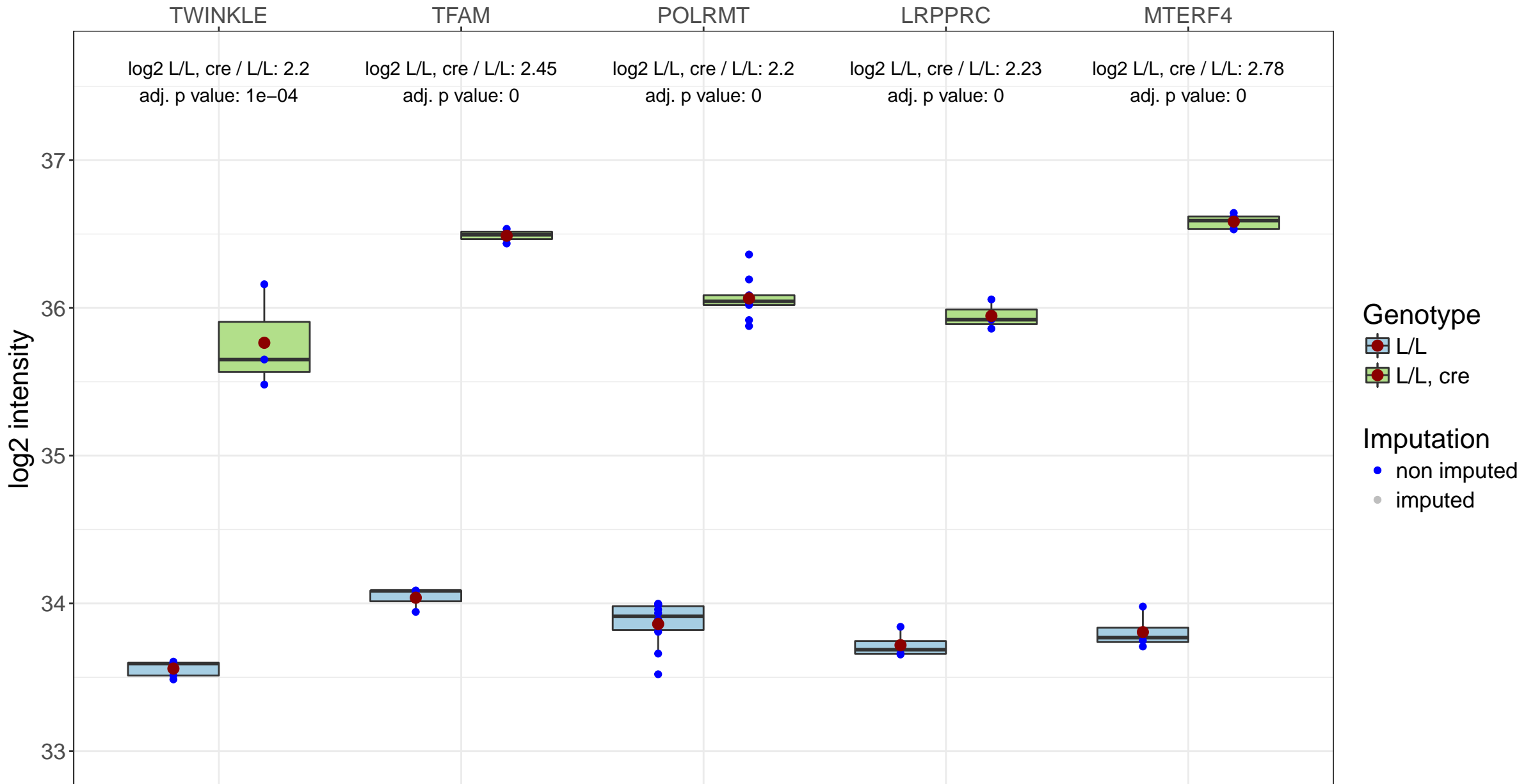


# LIPT2 / Q9D009

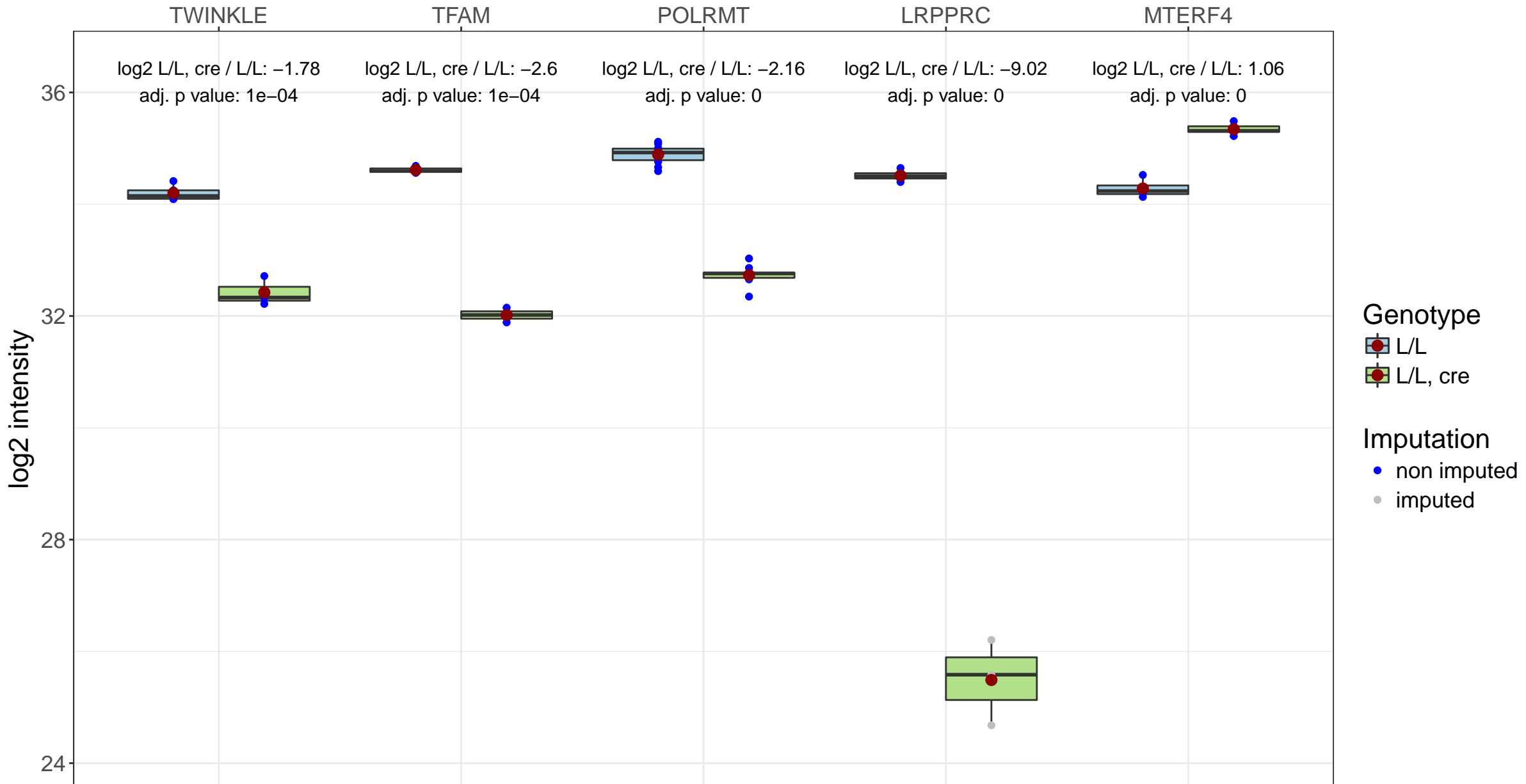




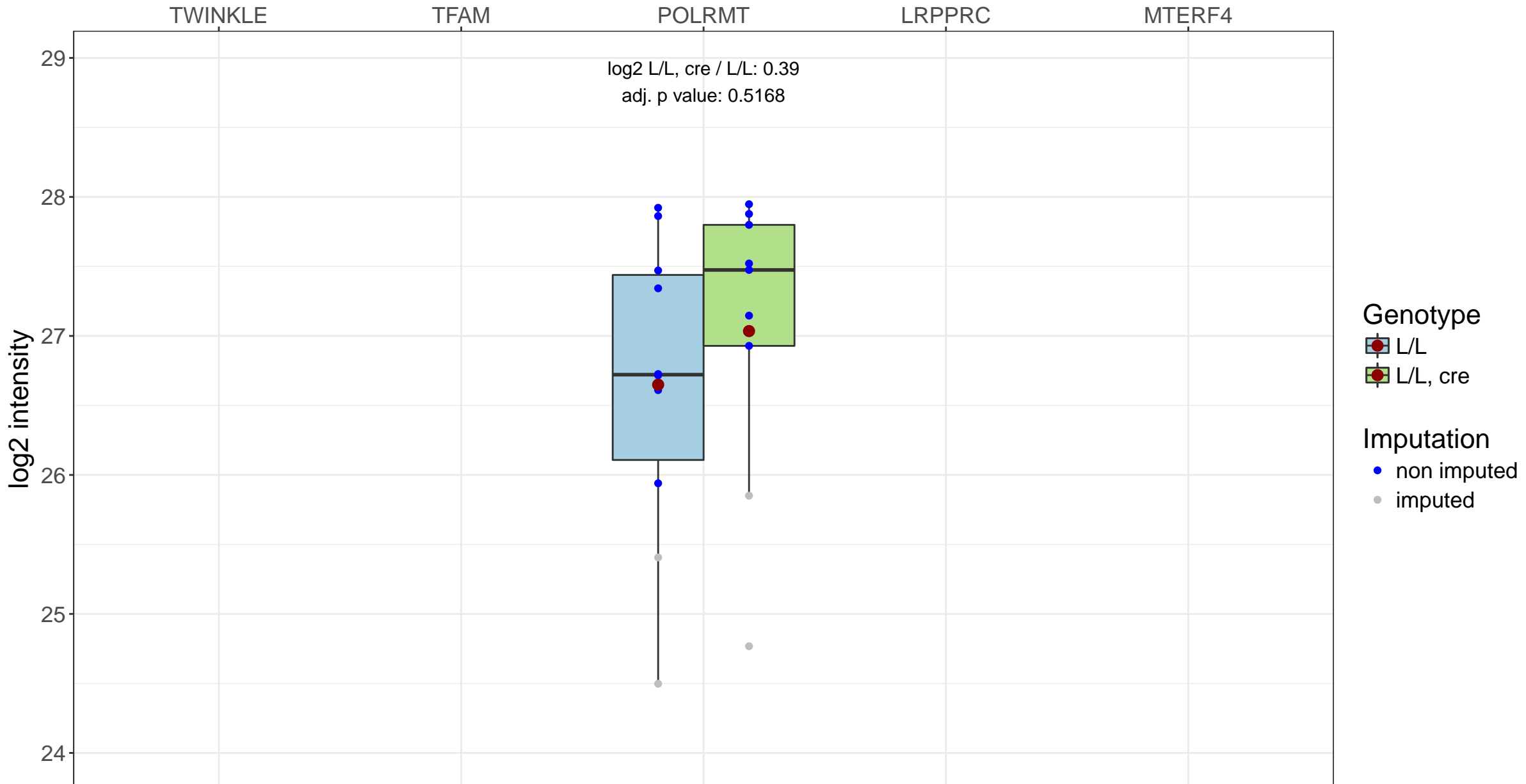
# LONP1 / Q8CGK3



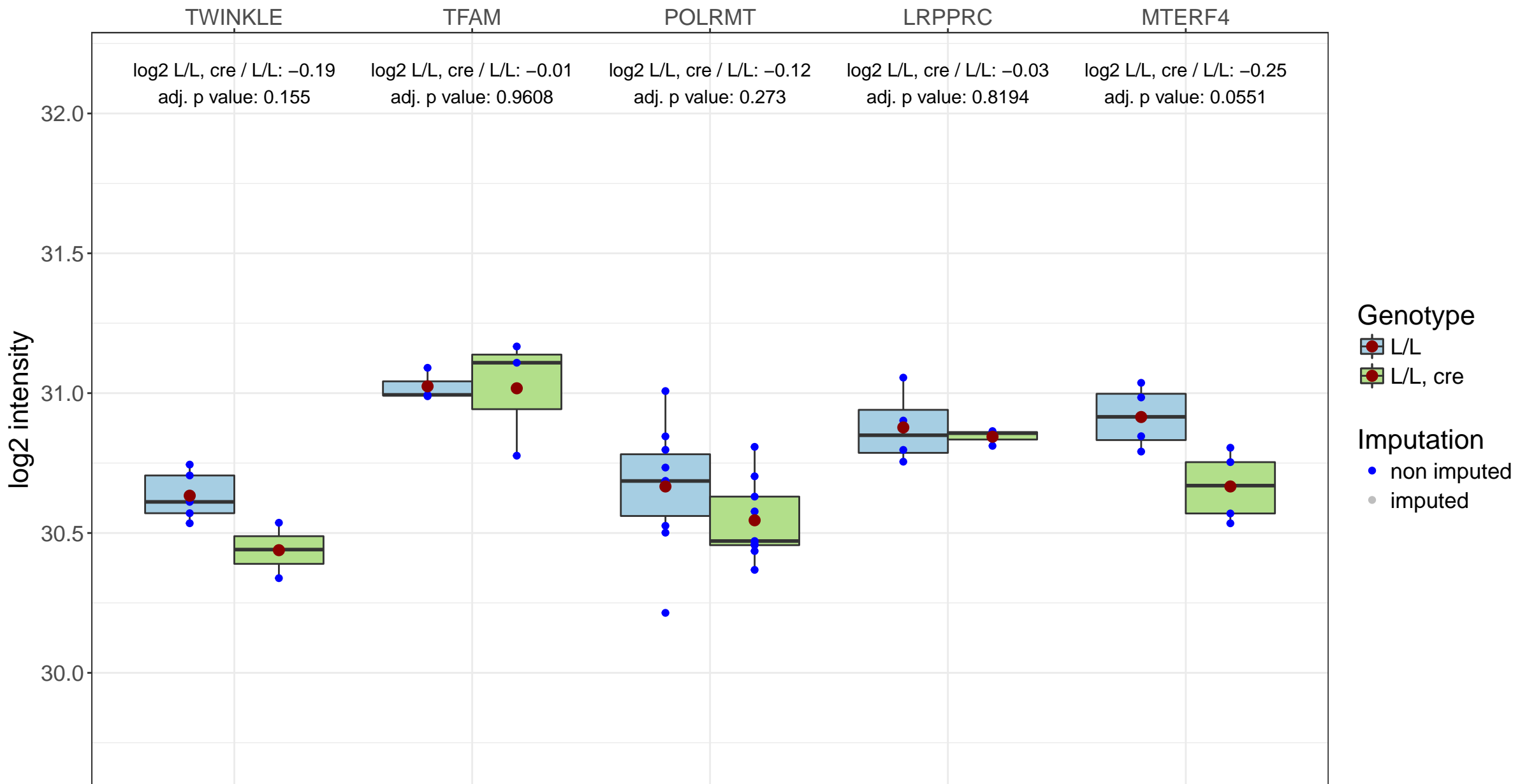
# LRPPRC / Q6PB66



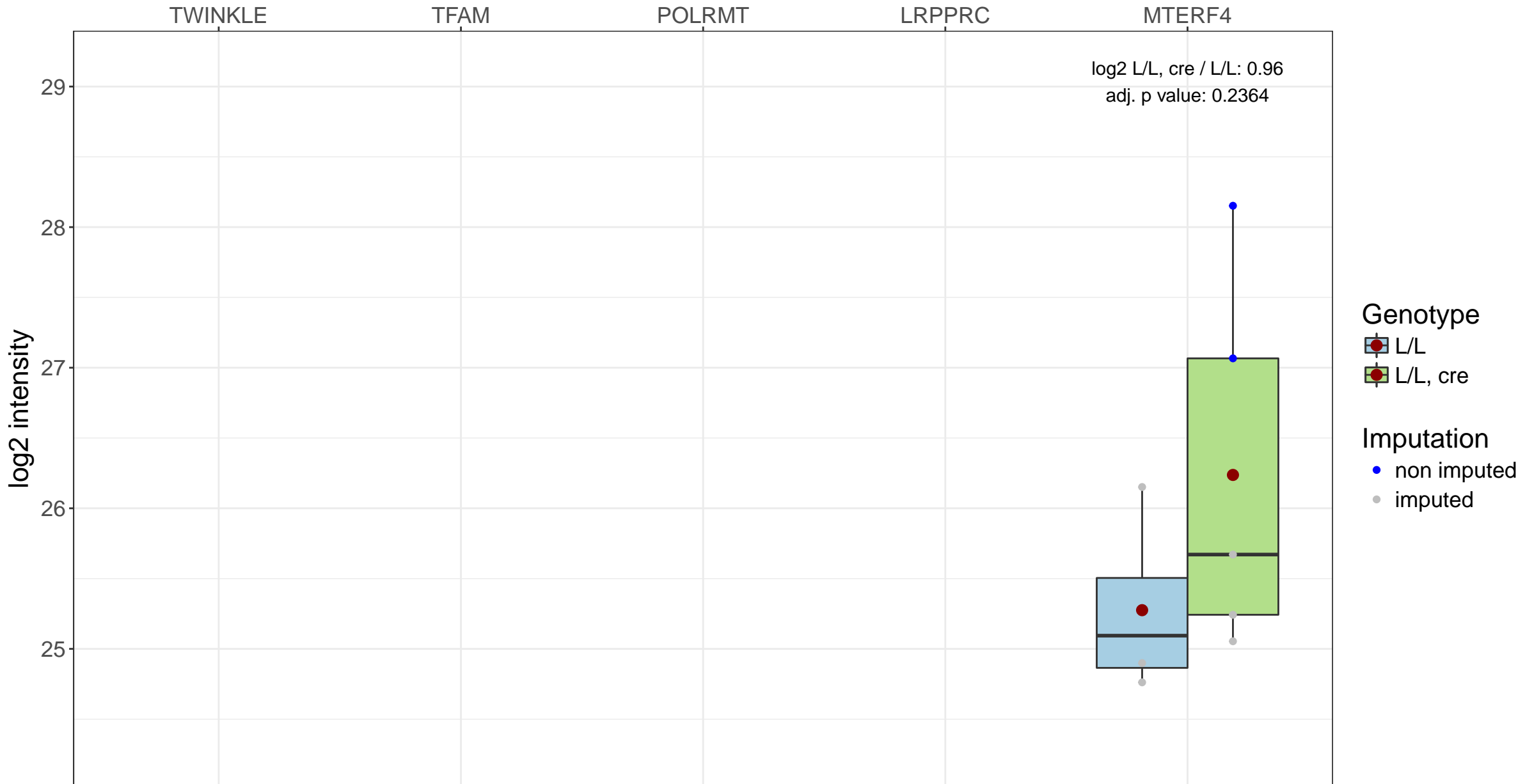
# LRRC59 / Q922Q8



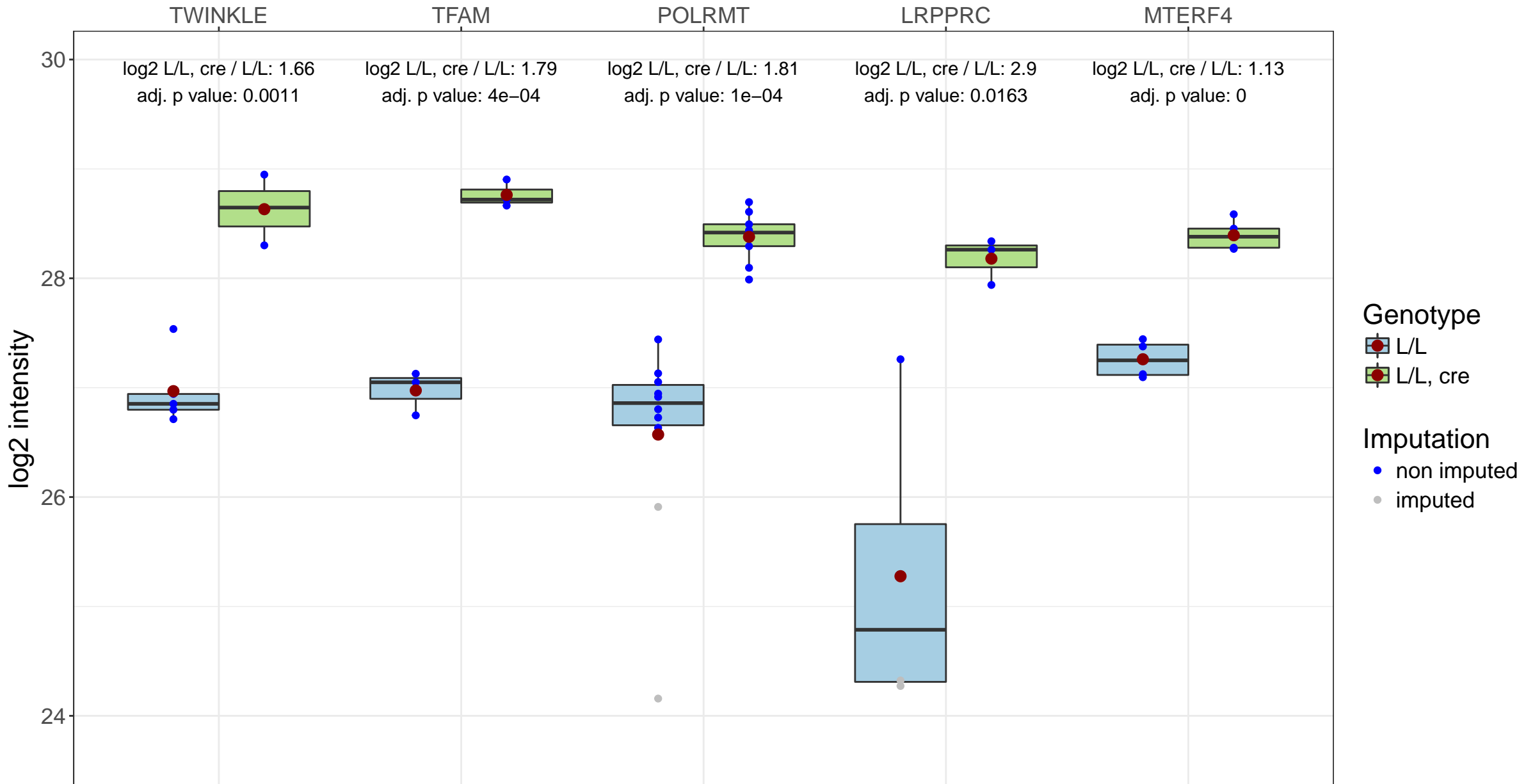
# LYPLA1 / P97823



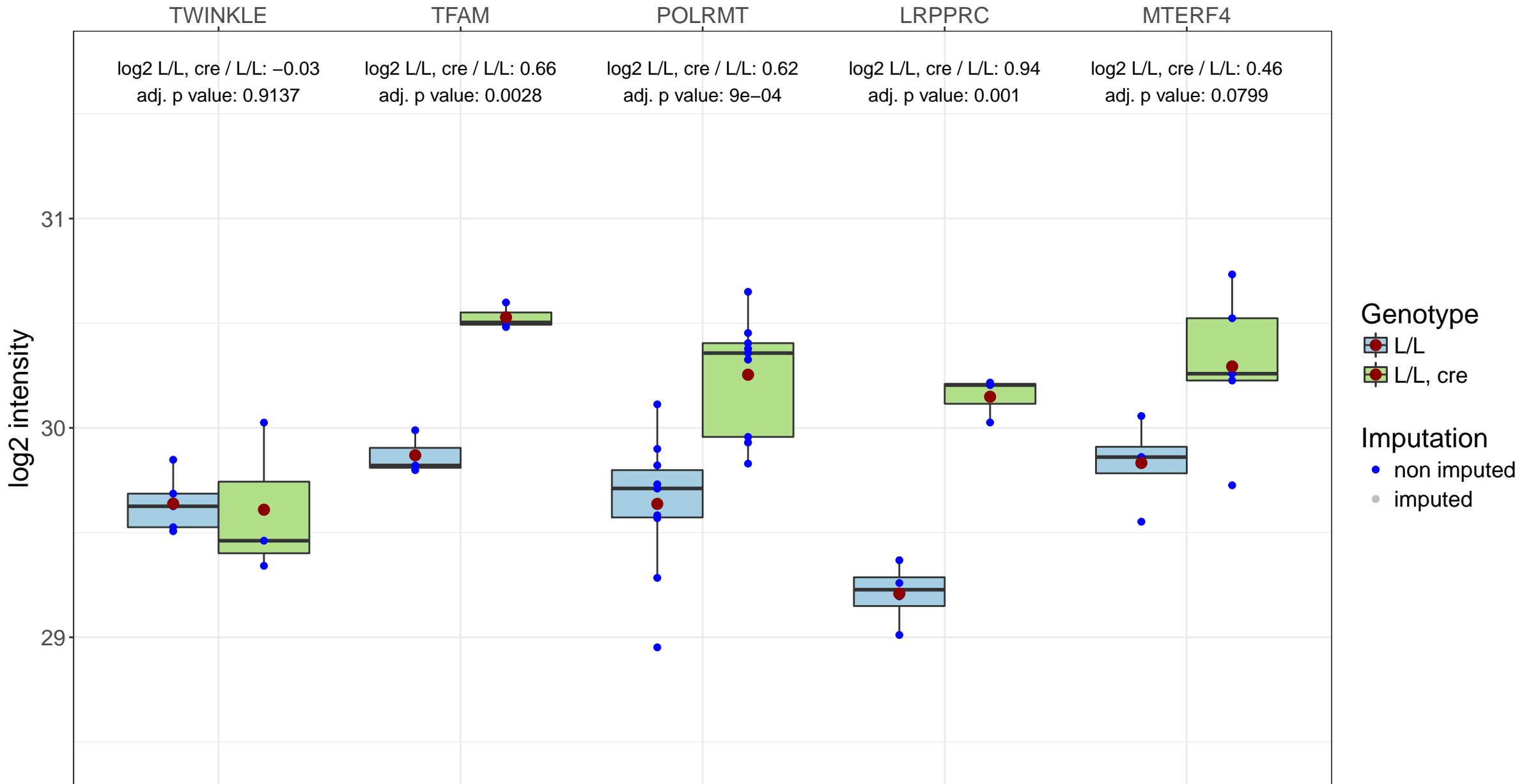
# LYRM1 / Q9CQB7



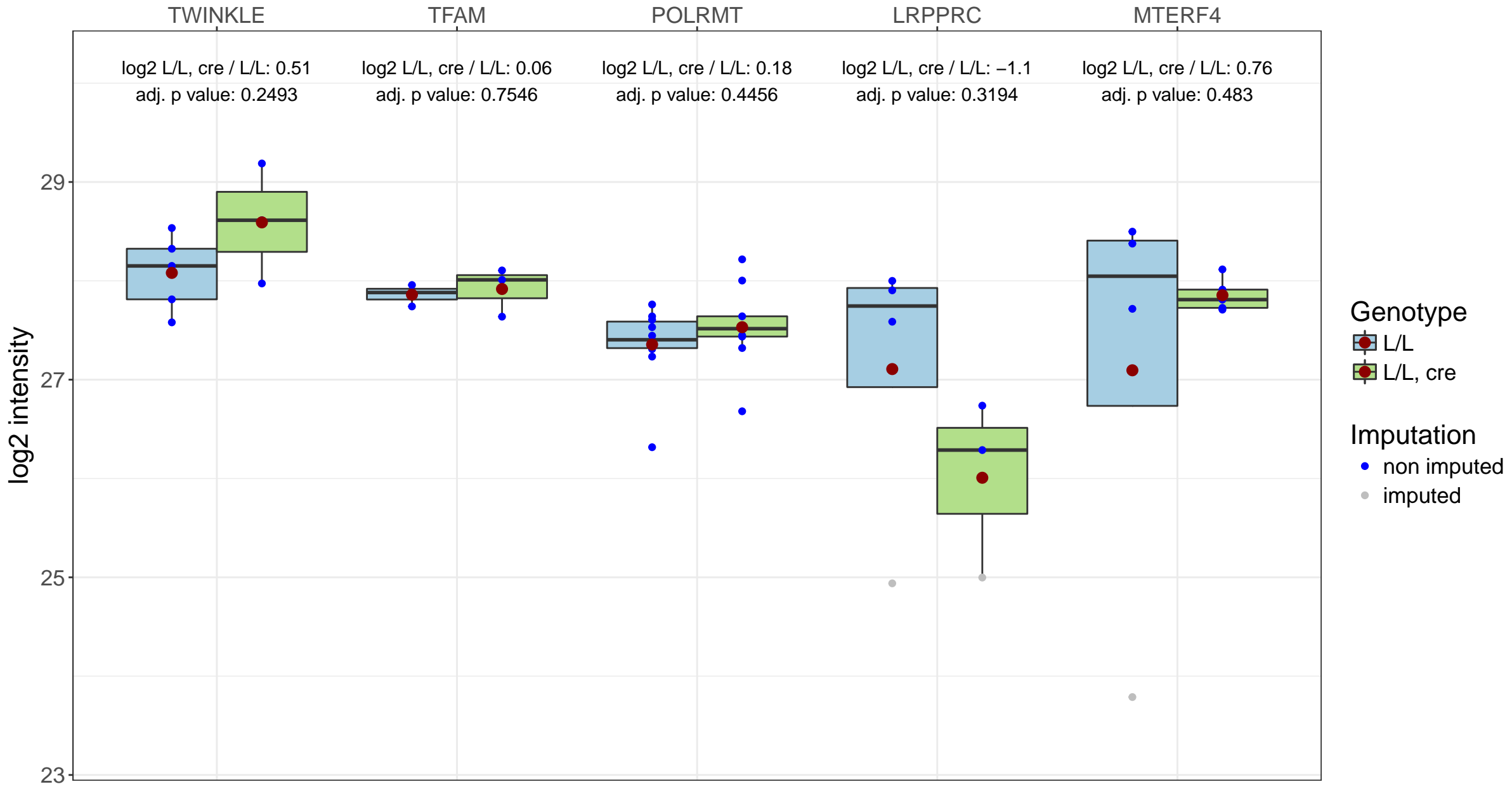
# LYRM2 / Q8R033



# LYRM4 / Q8K215

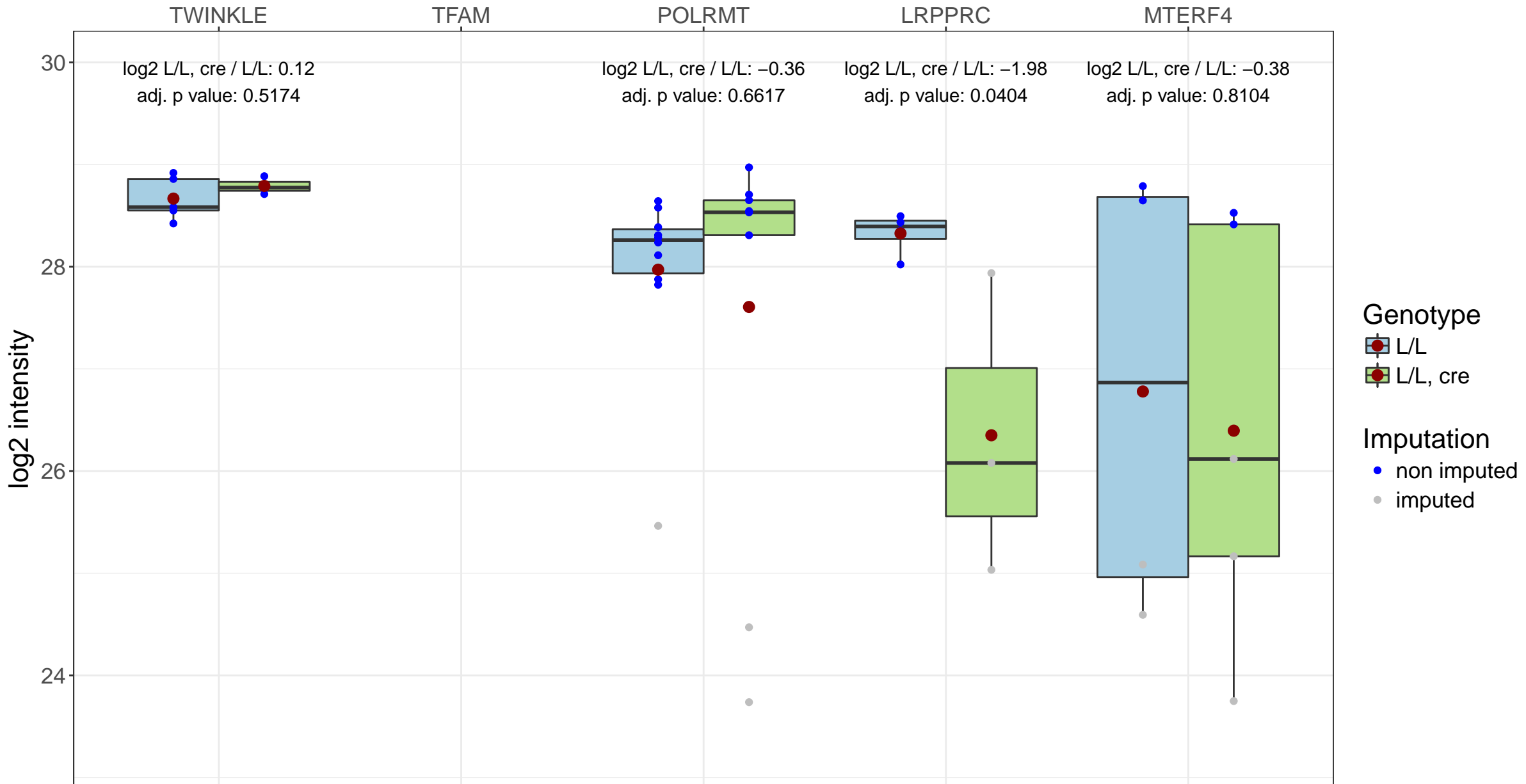


# LYRM5 / Q91V16

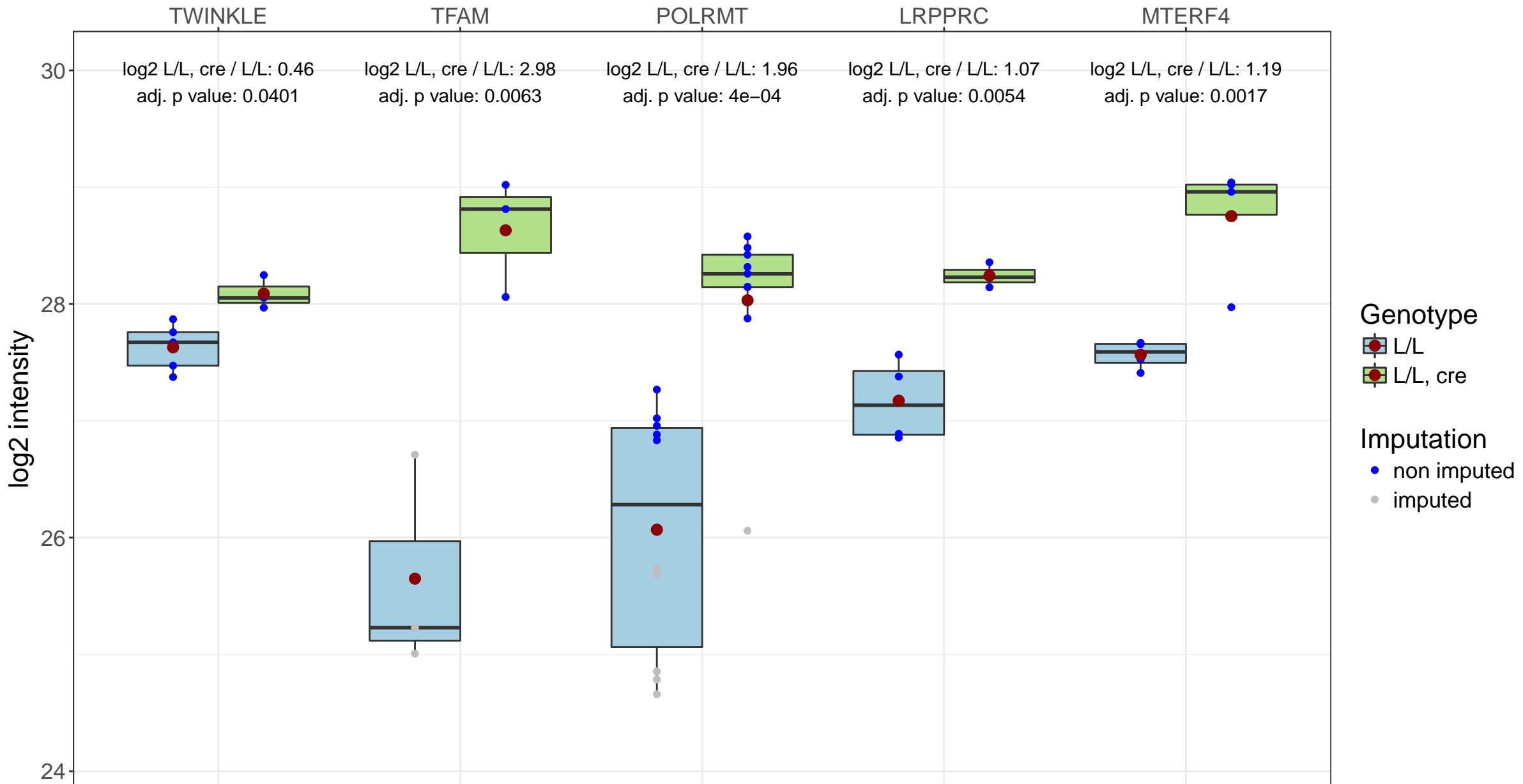




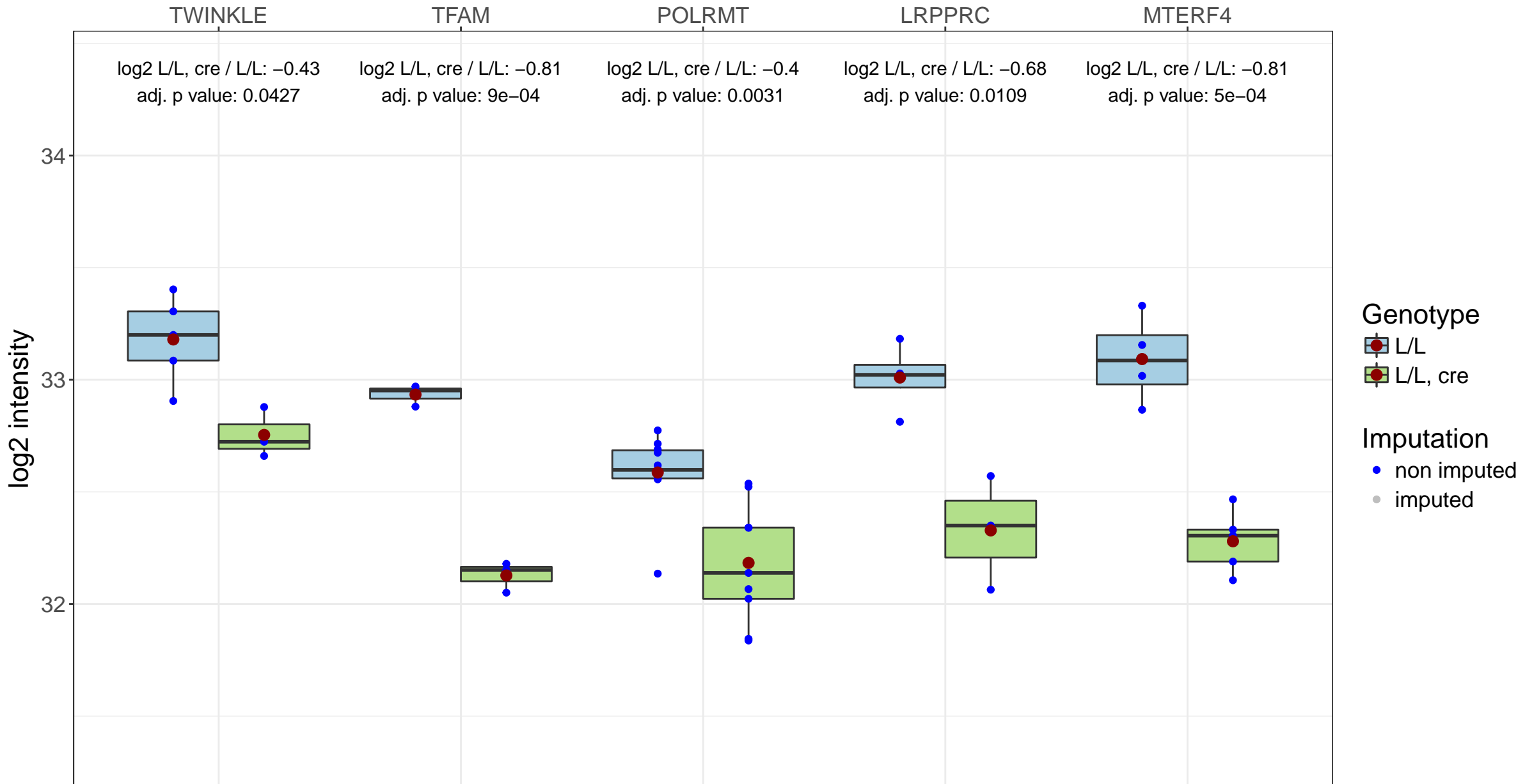
# LYRM7 / Q9DA03



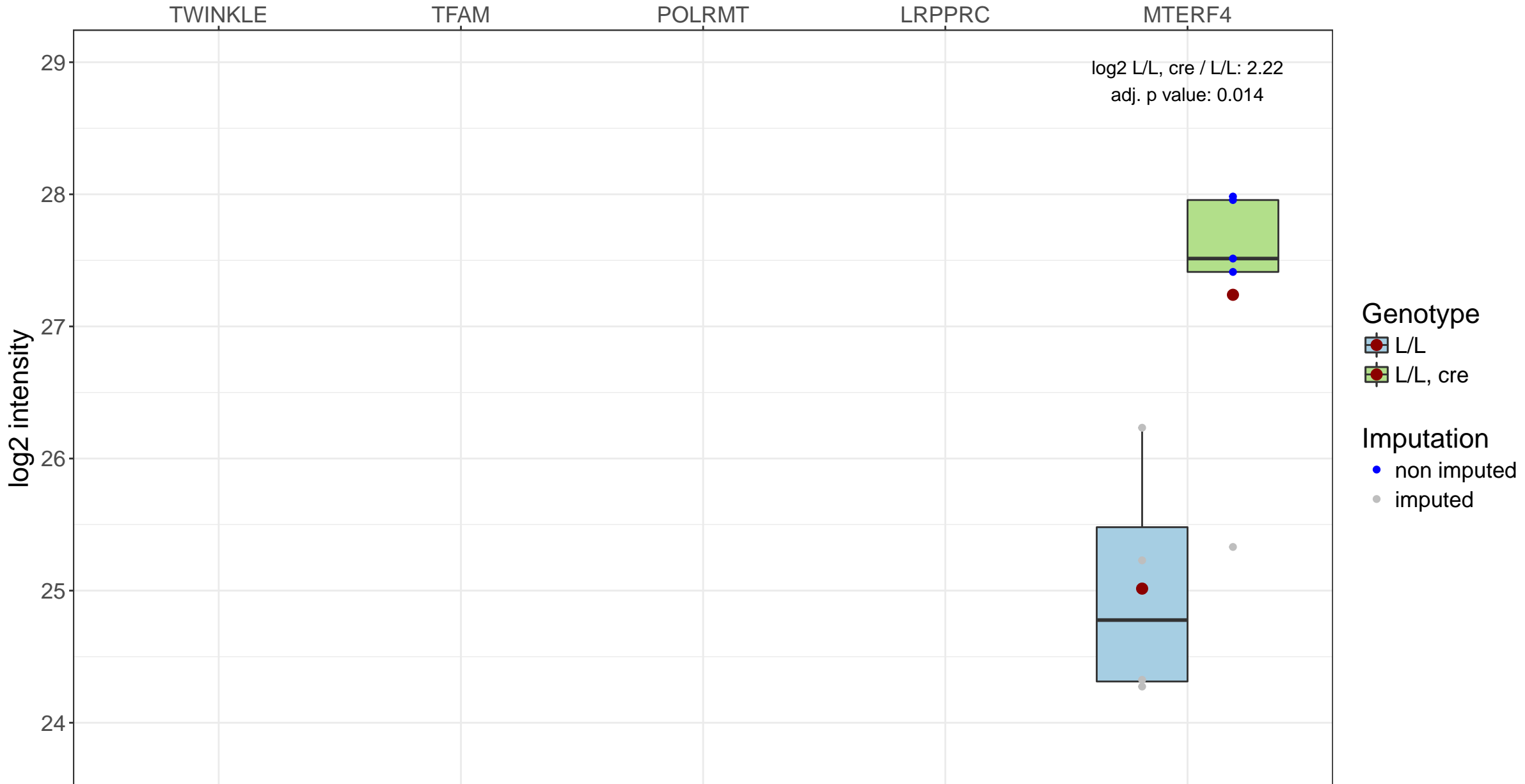
# LYRM9 / E9PX24



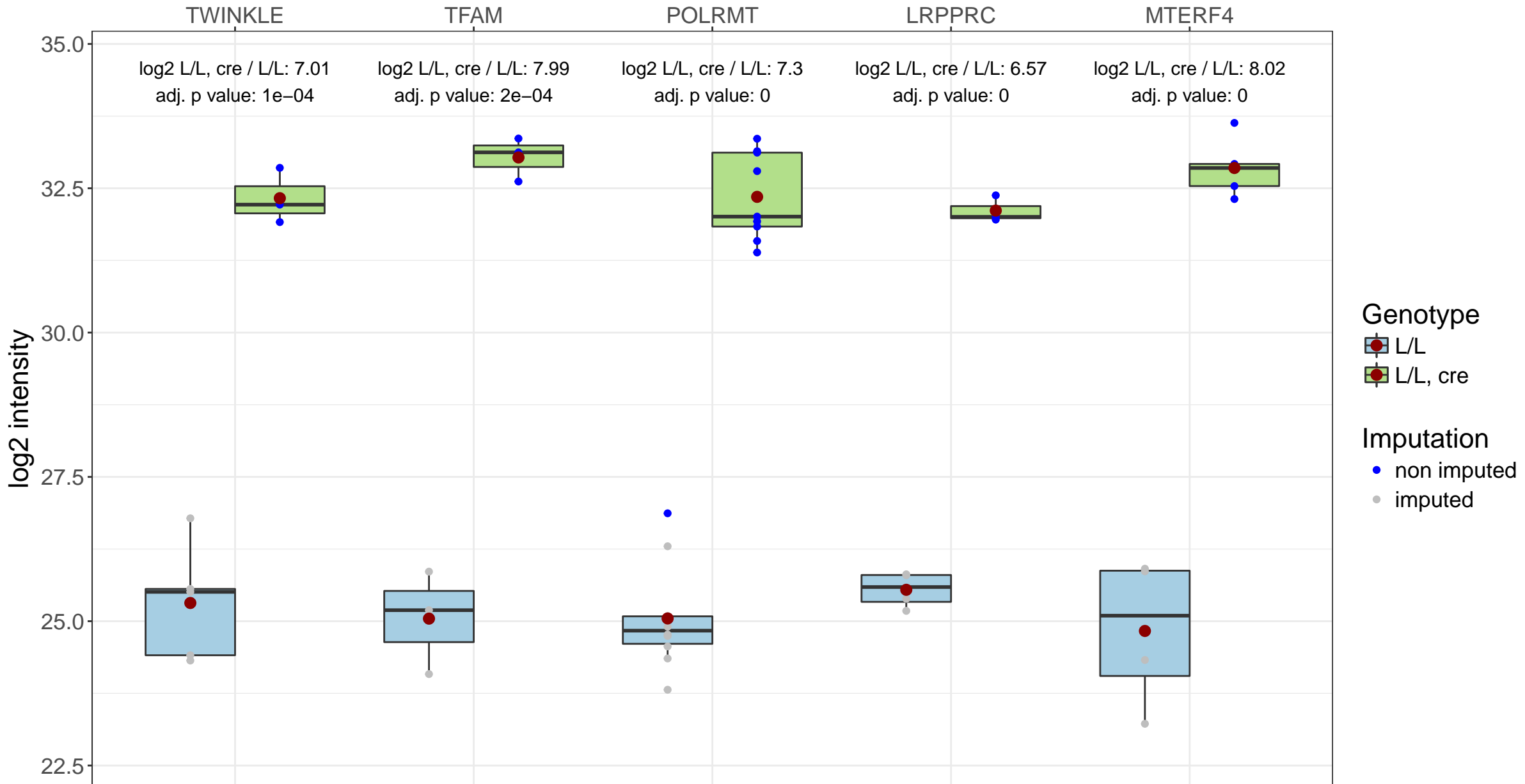
# MACROD1 / Q922B1



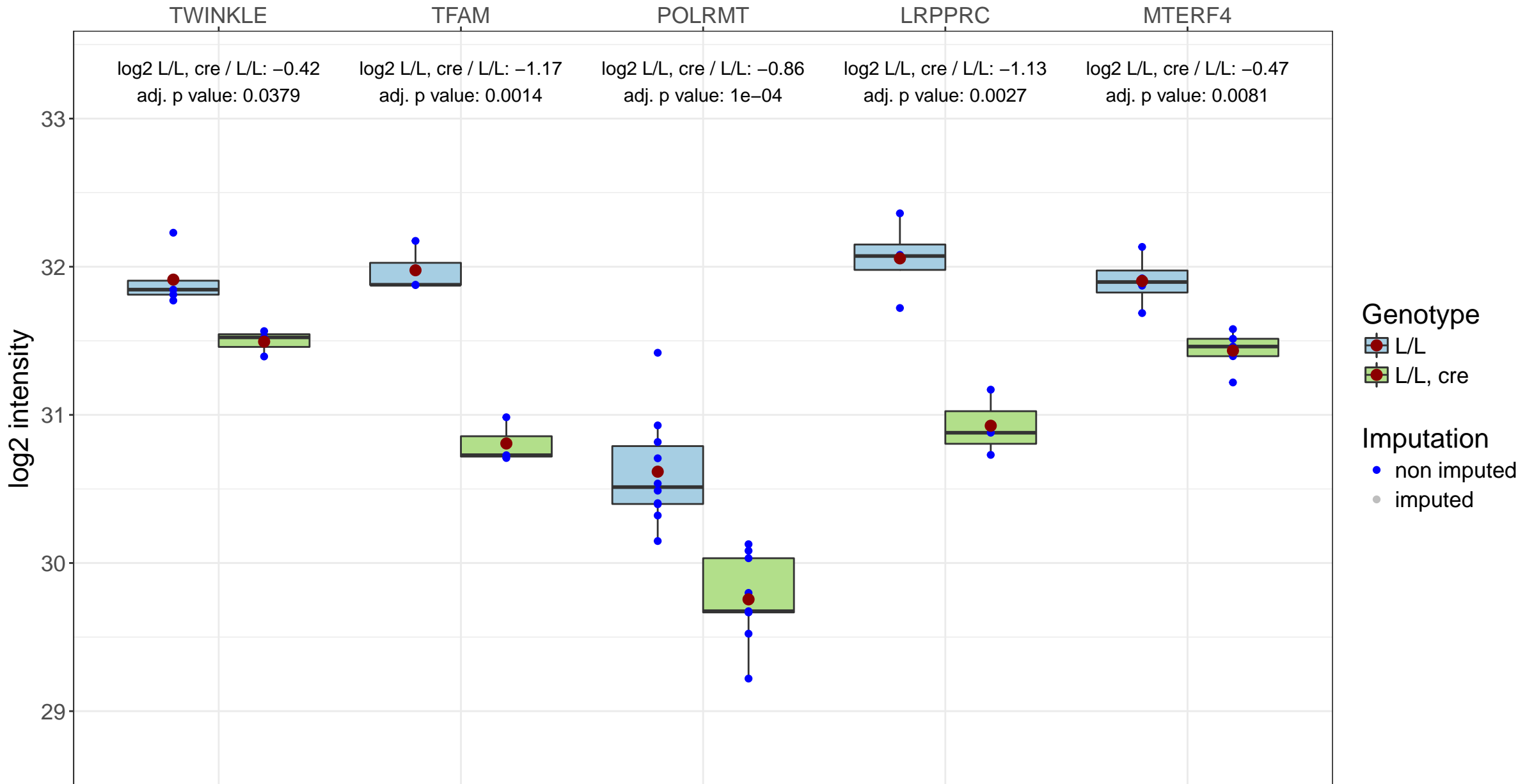
# MALSU1 / F7ASG0



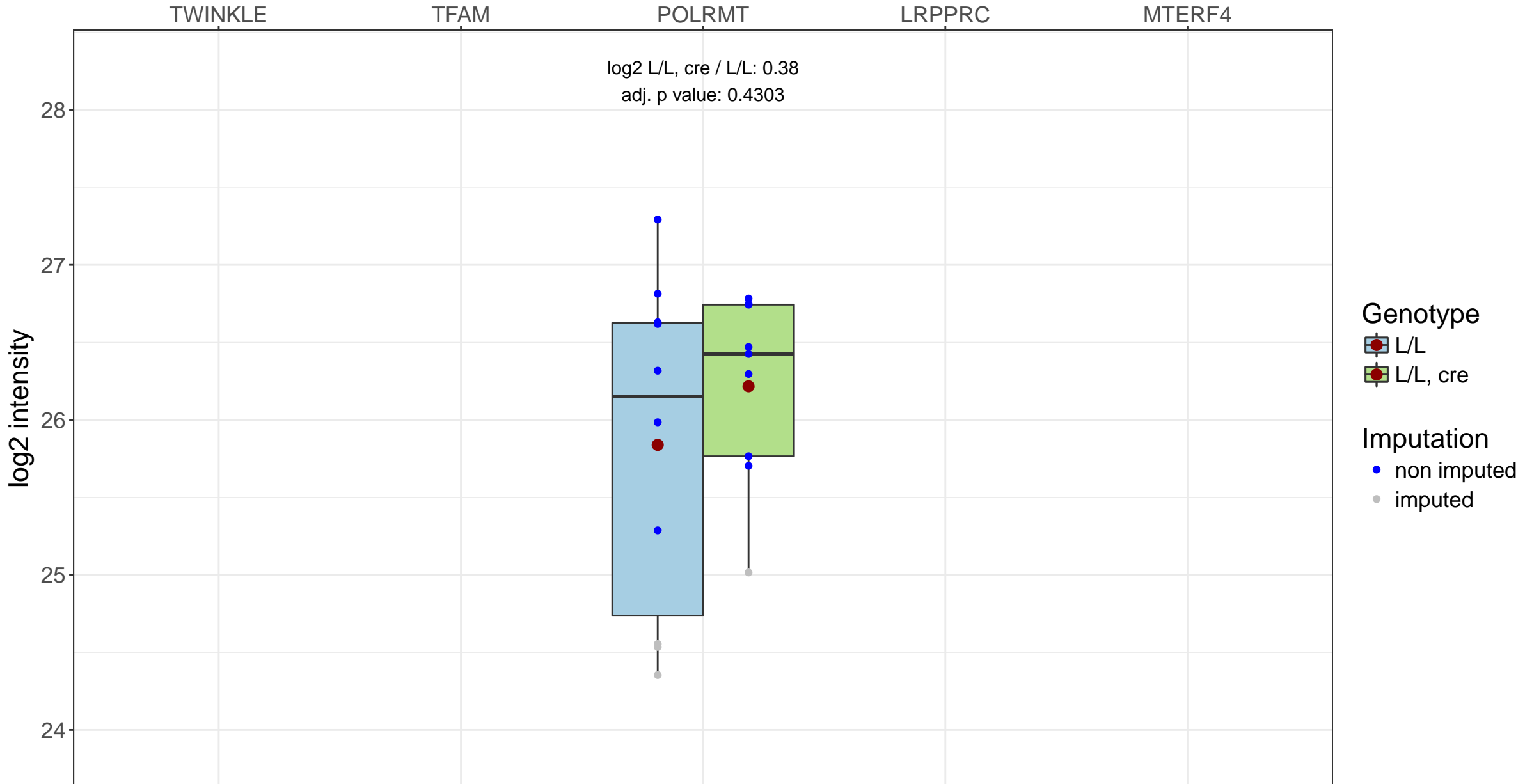
# MAOA / Q64133



# MAOB / Q8BW75



# MAP4 / P27546-2



# MAP7D1 / A2AJI0

TWINKLE

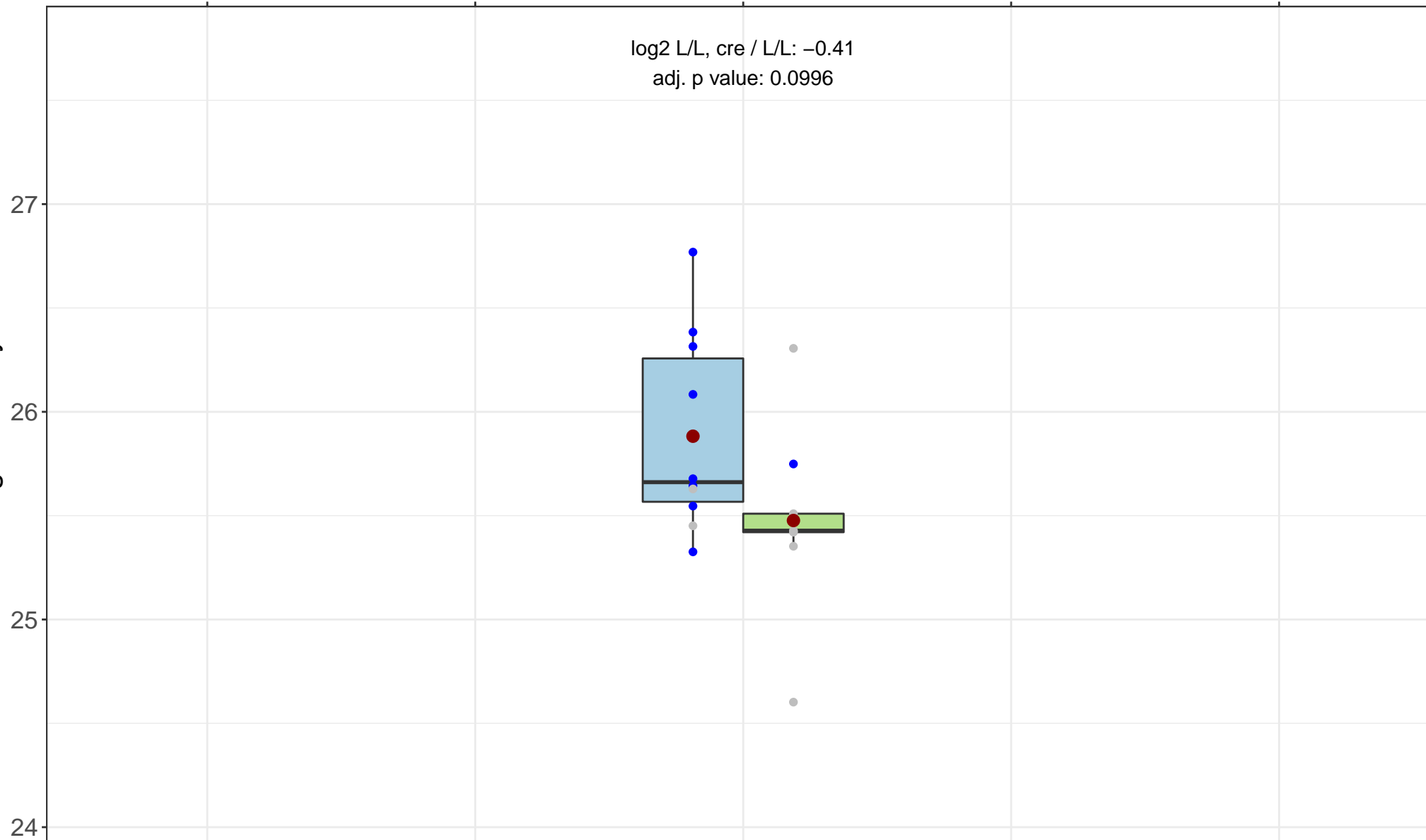
TFAM

POLRMT

LRPPRC

MTERF4

log<sub>2</sub> intensity



Genotype

L/L

L/L, cre

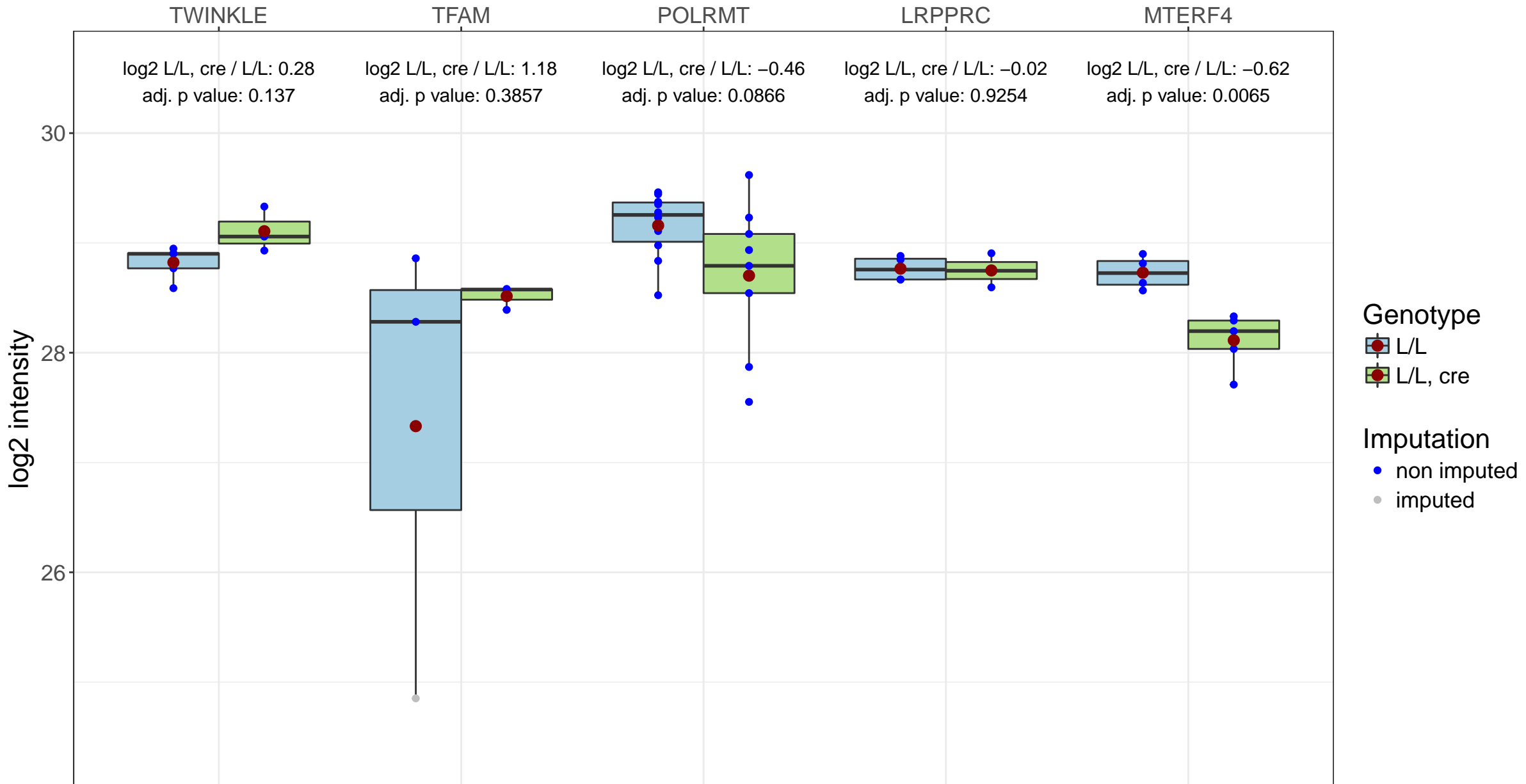
Imputation

non imputed

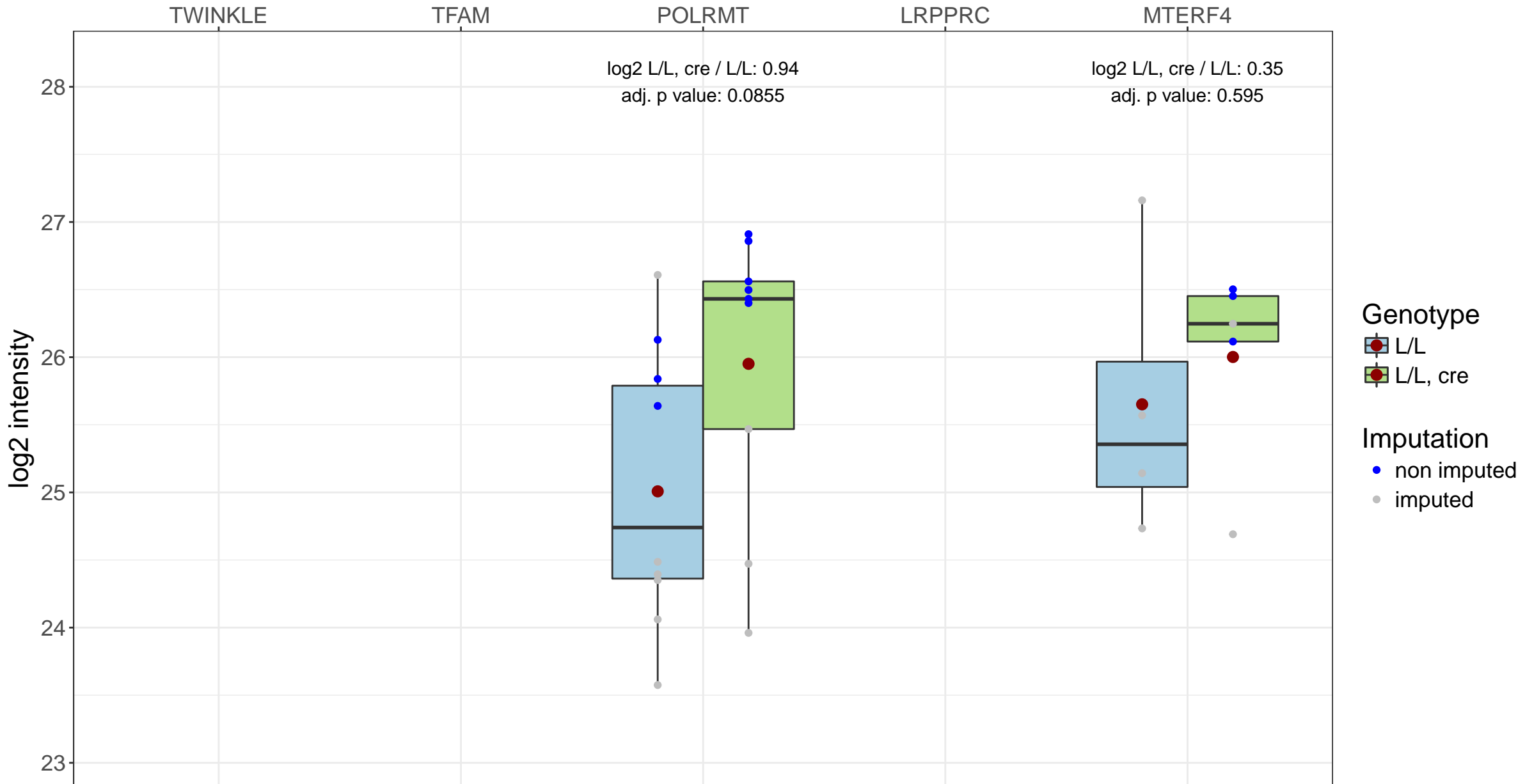
imputed



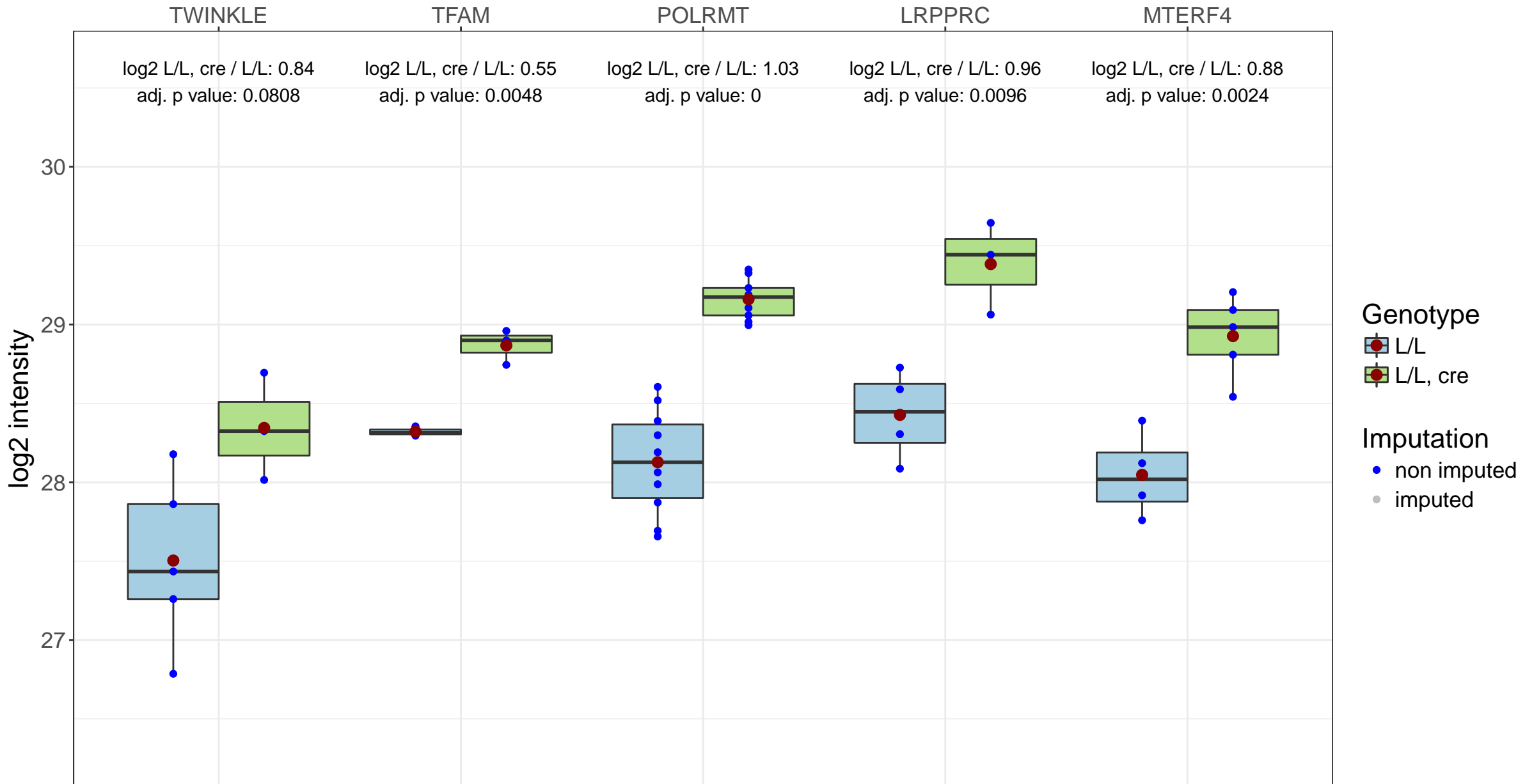
# MARC2 / Q922Q1



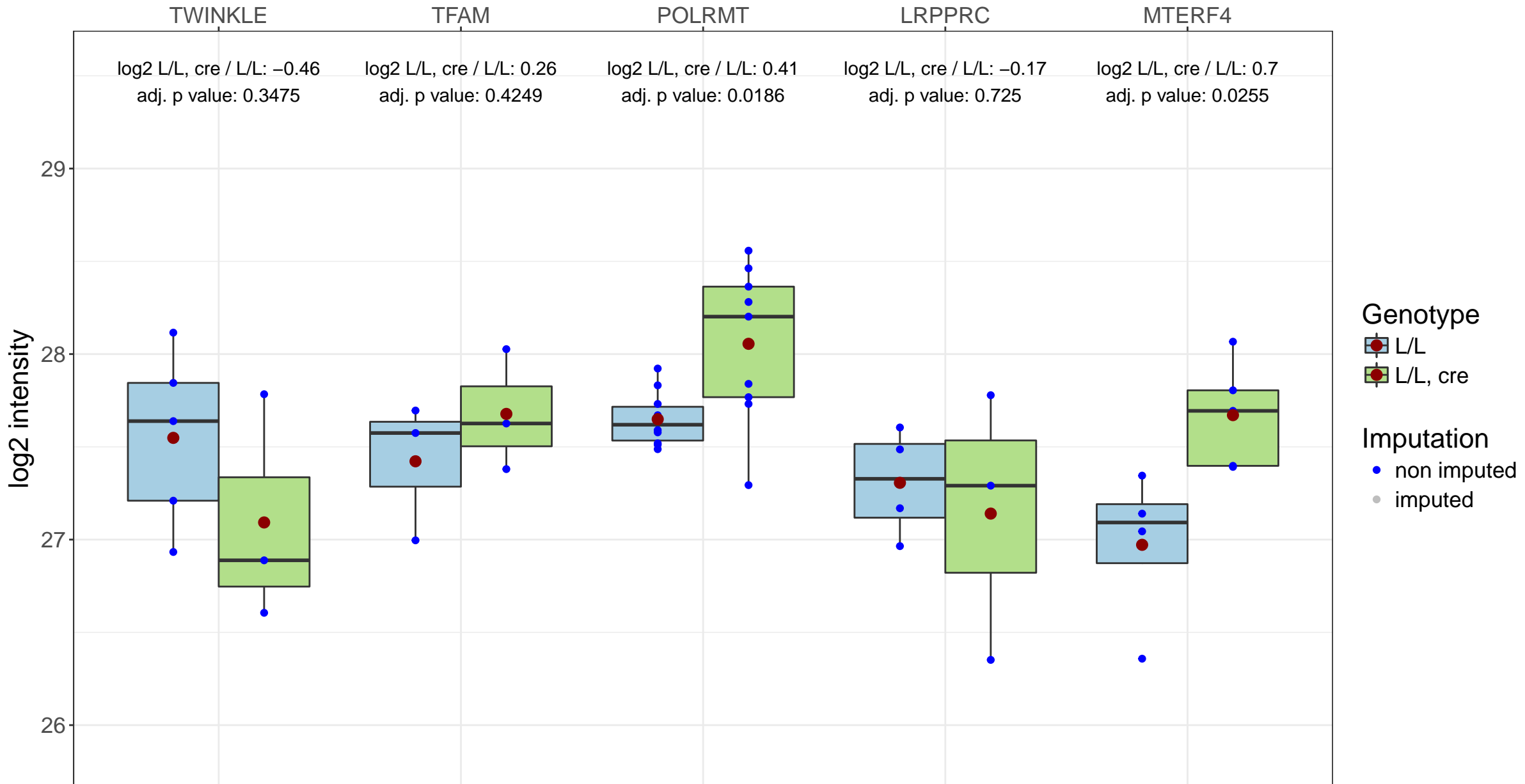
# MARCH5 / Q3KNM2



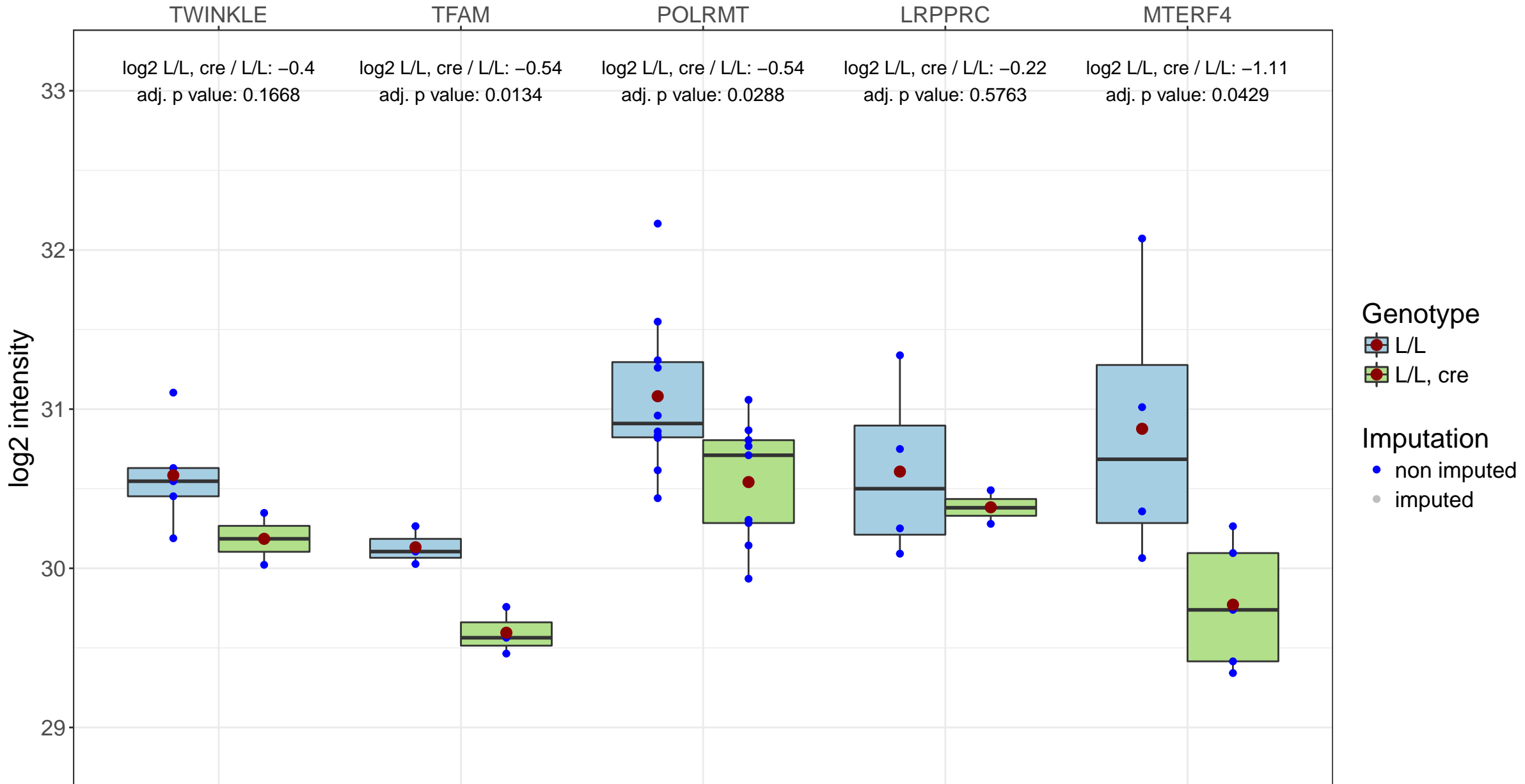
# MARS2 / Q499X9



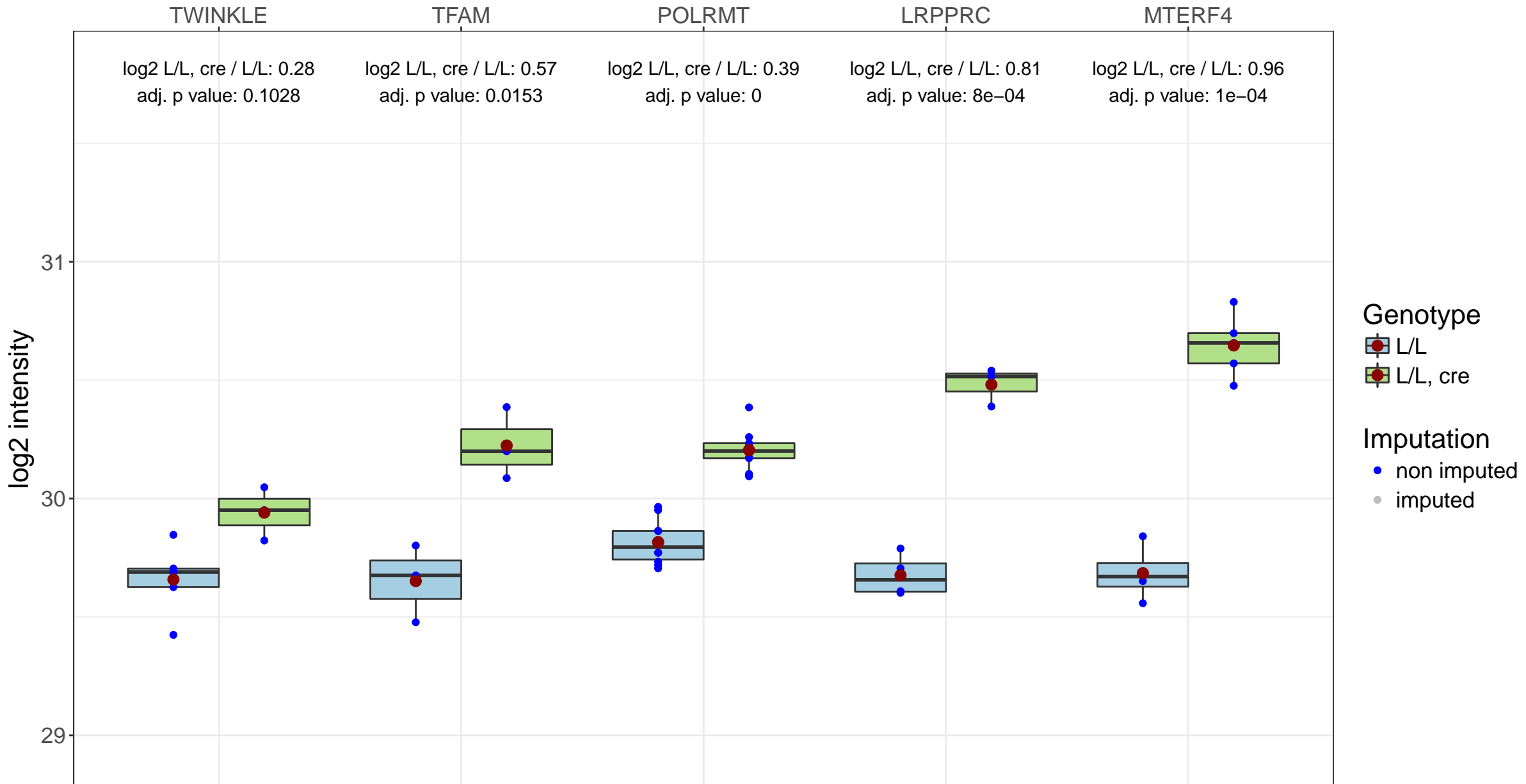
# MAVS / Q8VCF0



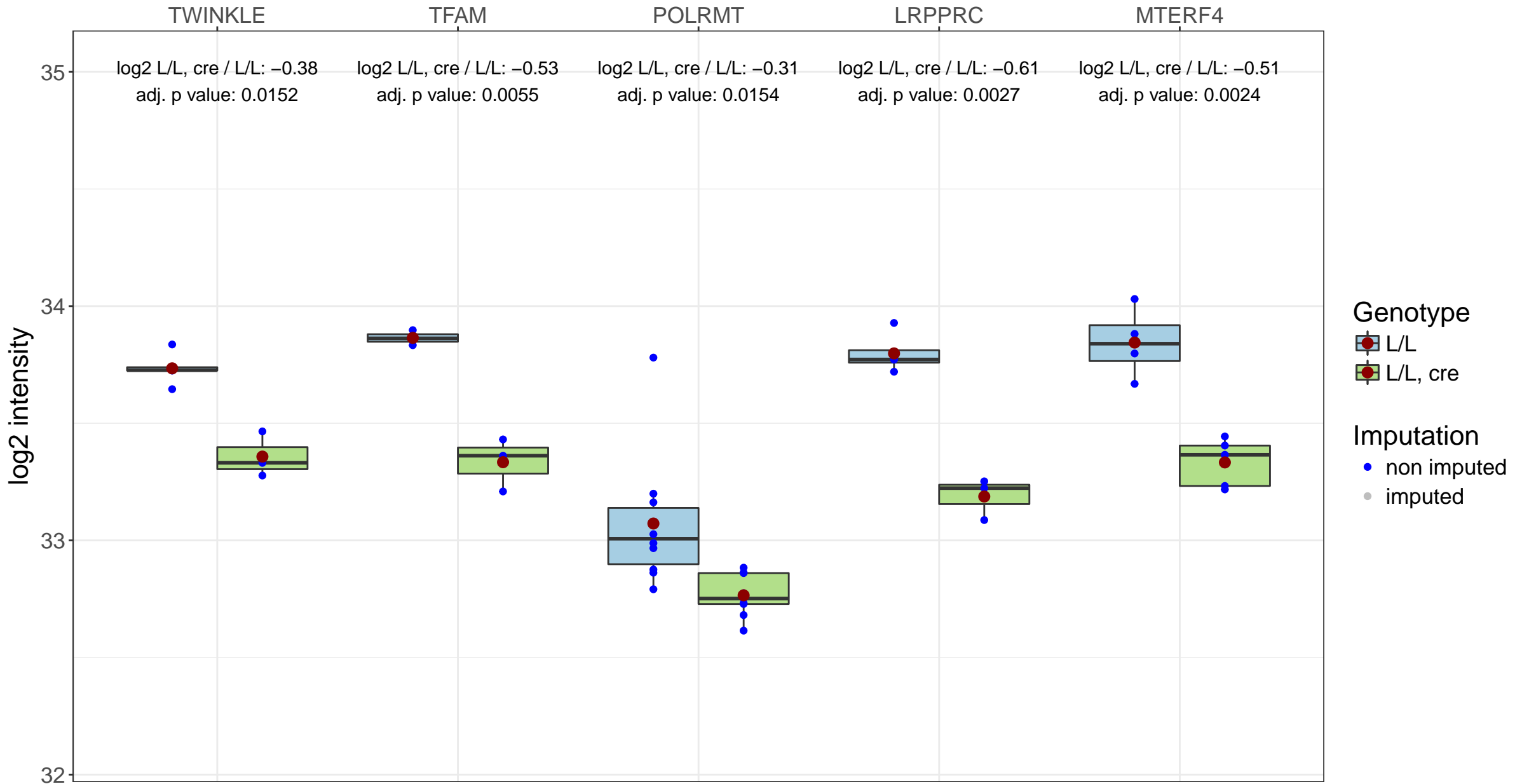
# MB / P04247



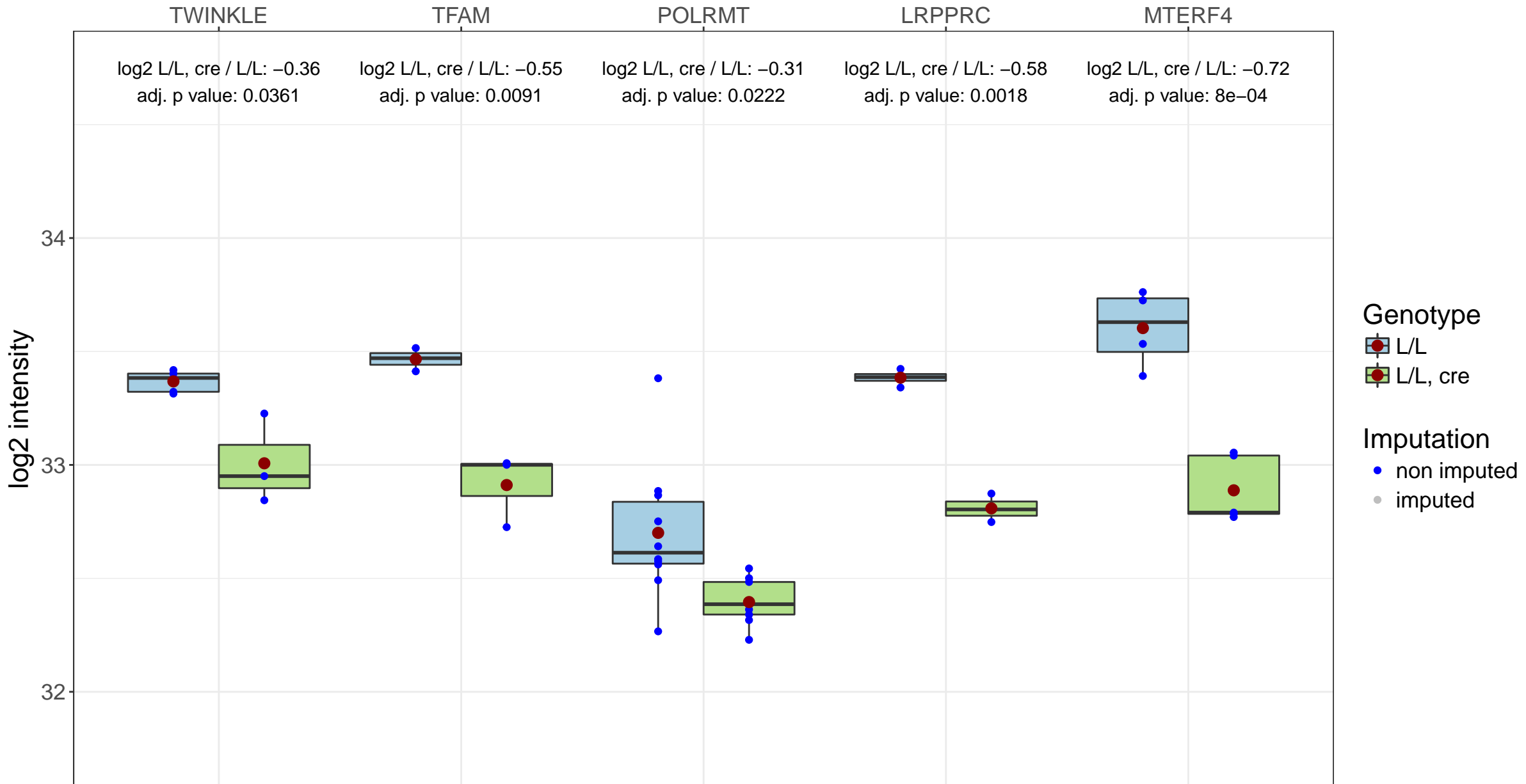
# MCAT / Q8R3F5



# MCCC1 / Q99MR8

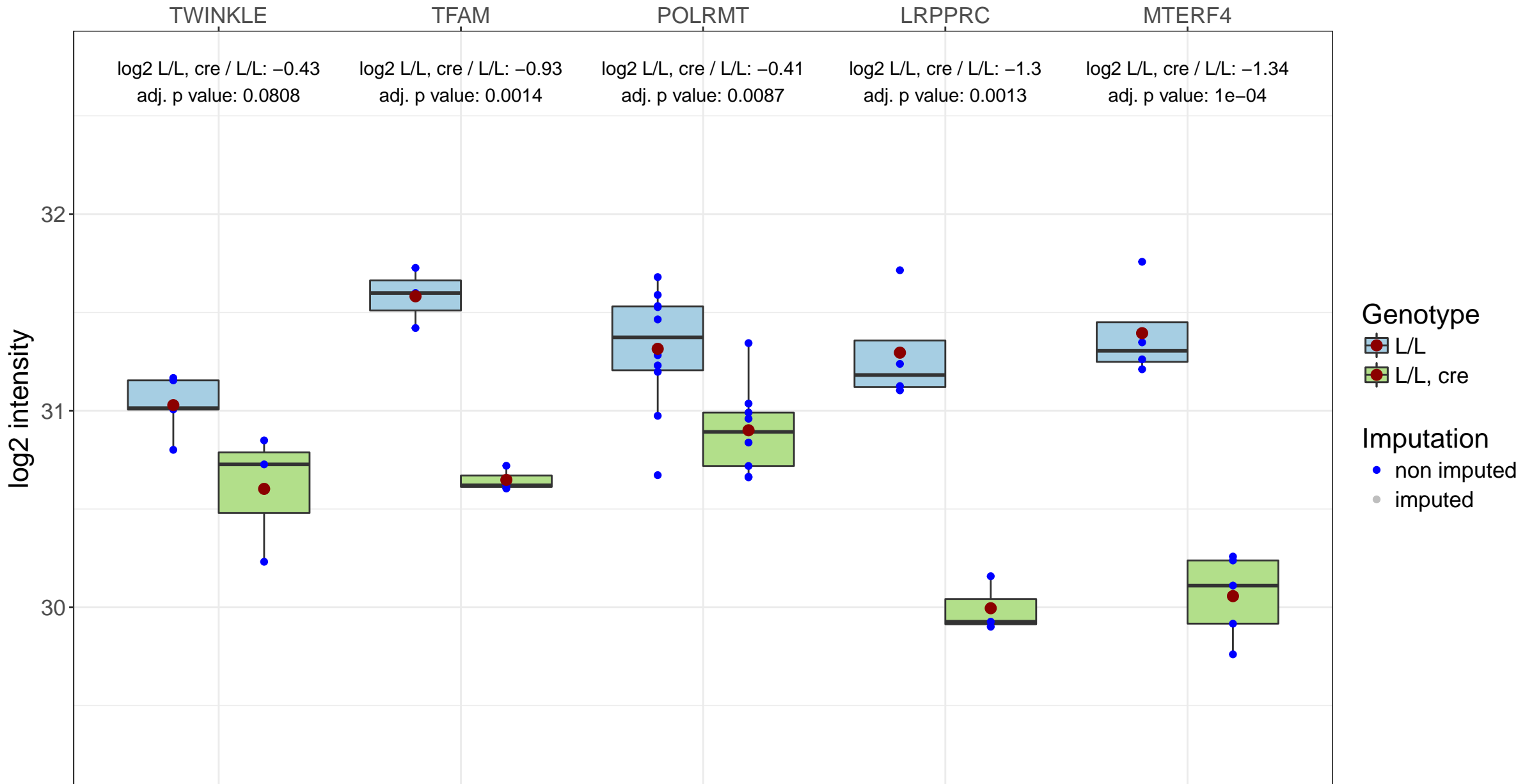


# MCCC2 / Q3ULD5

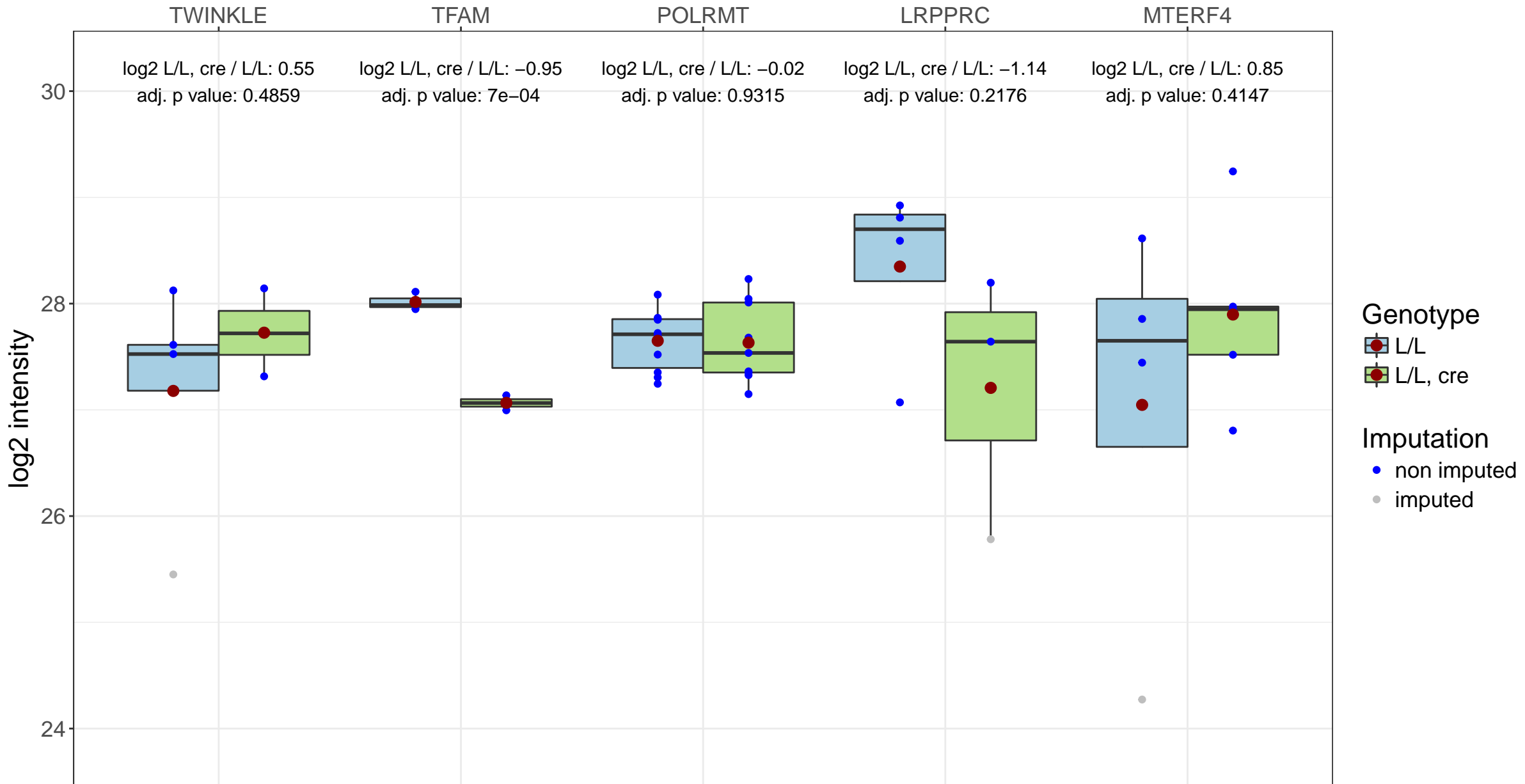




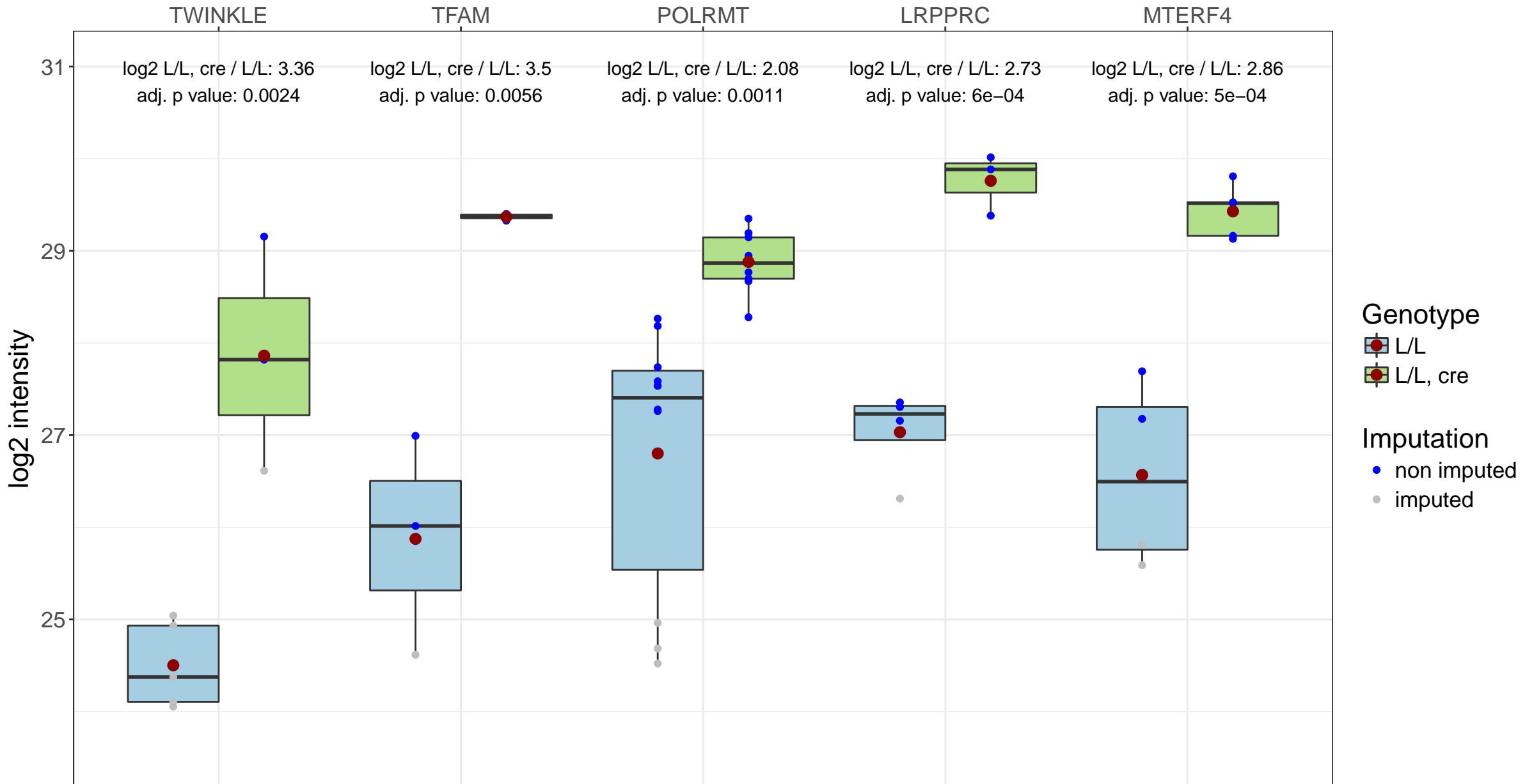
# MCEE / Q9D1I5



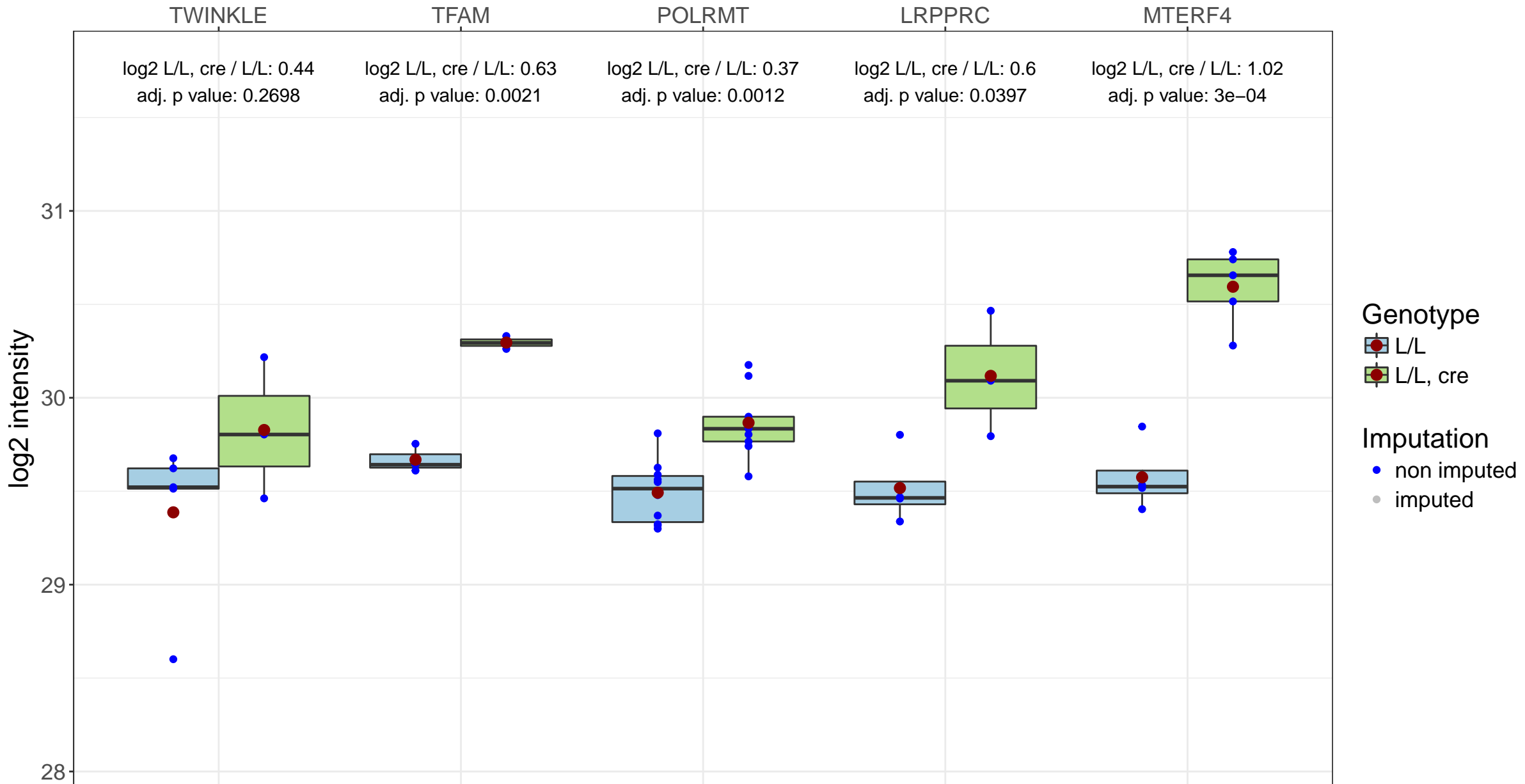
# MCPT4 / Q3UN88



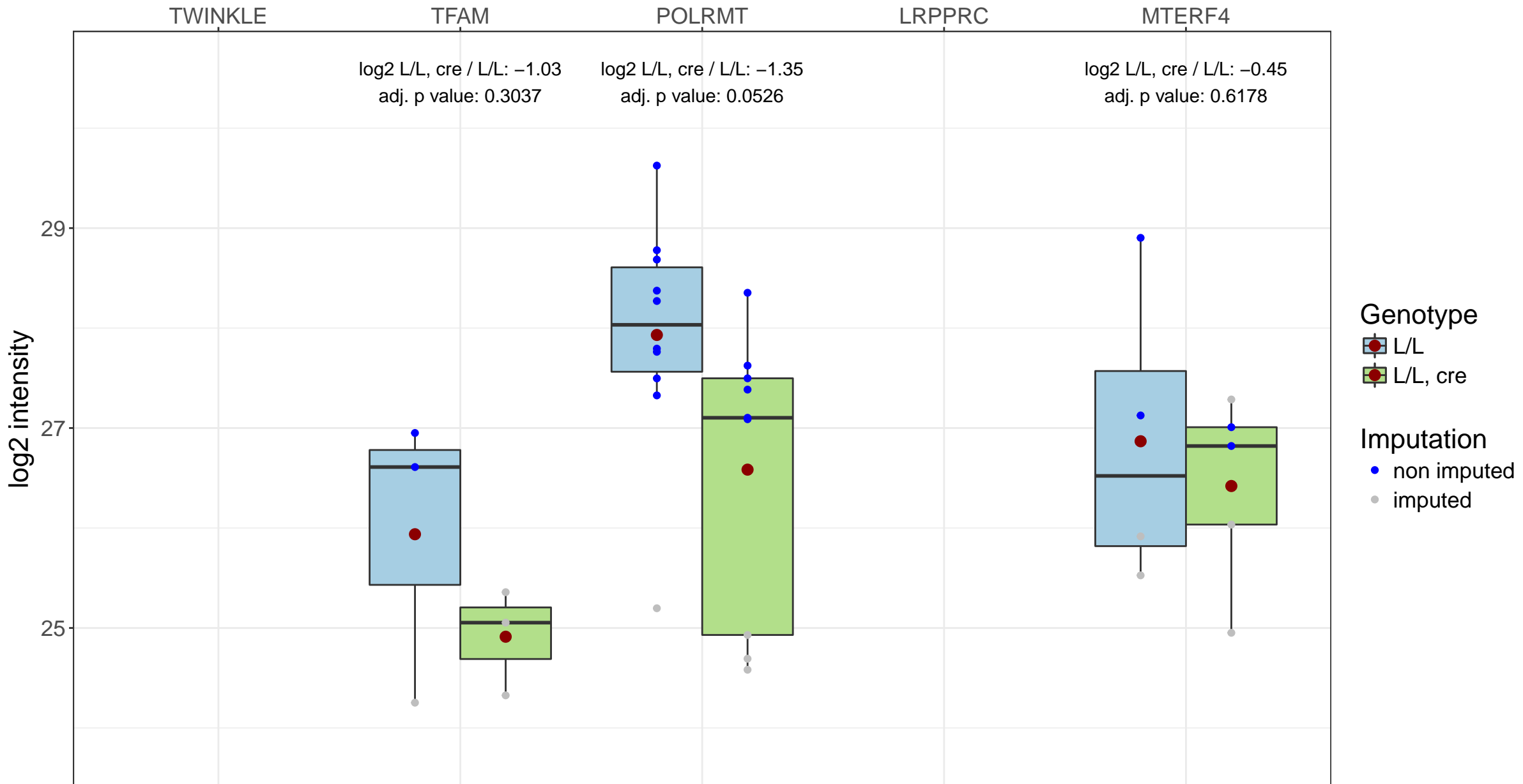
# MCU / Q3UMR5



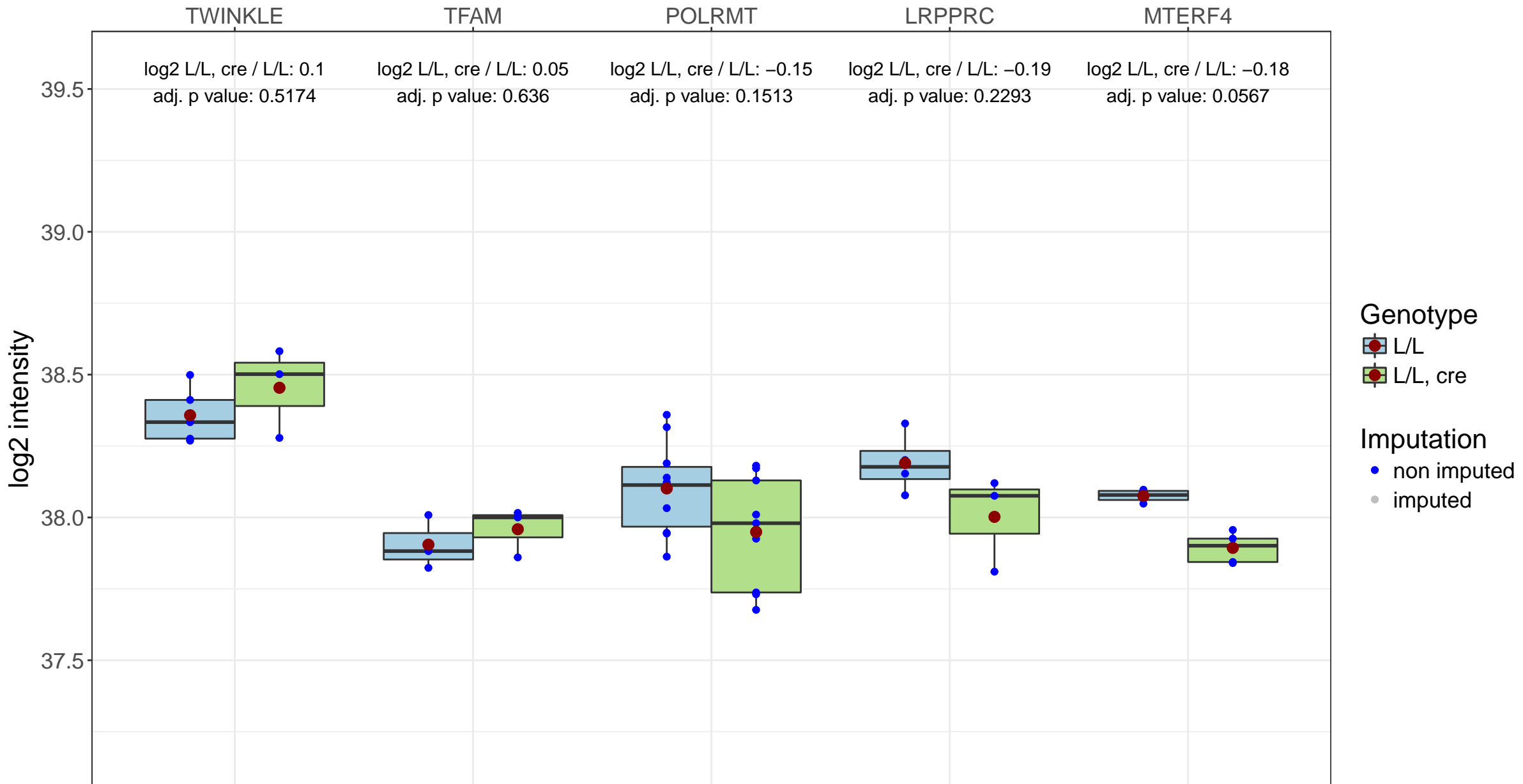
# MCUR1 / Q9CXD6



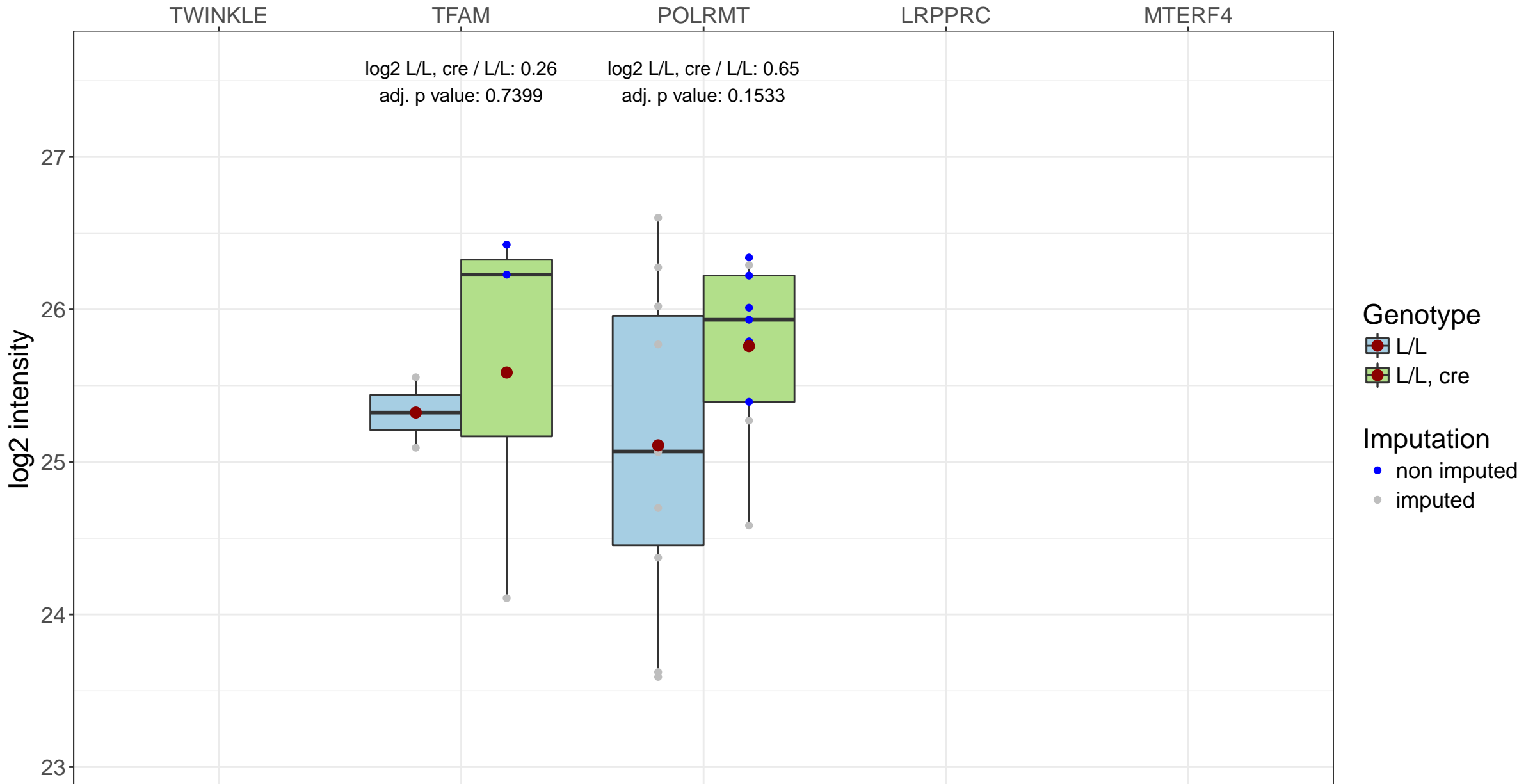
# MDH1 / P14152



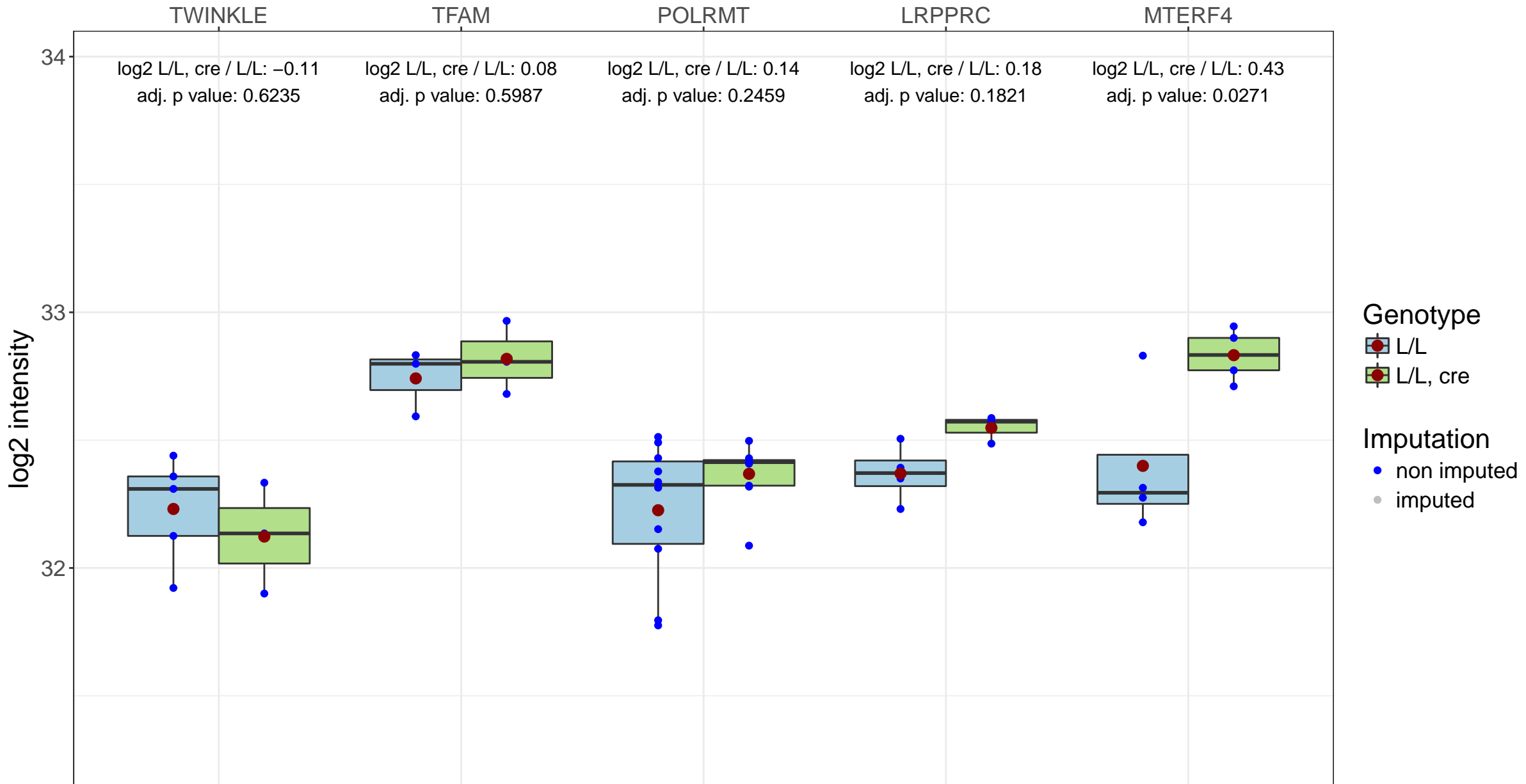
# MDH2 / P08249



# ME2 / Q99KE1

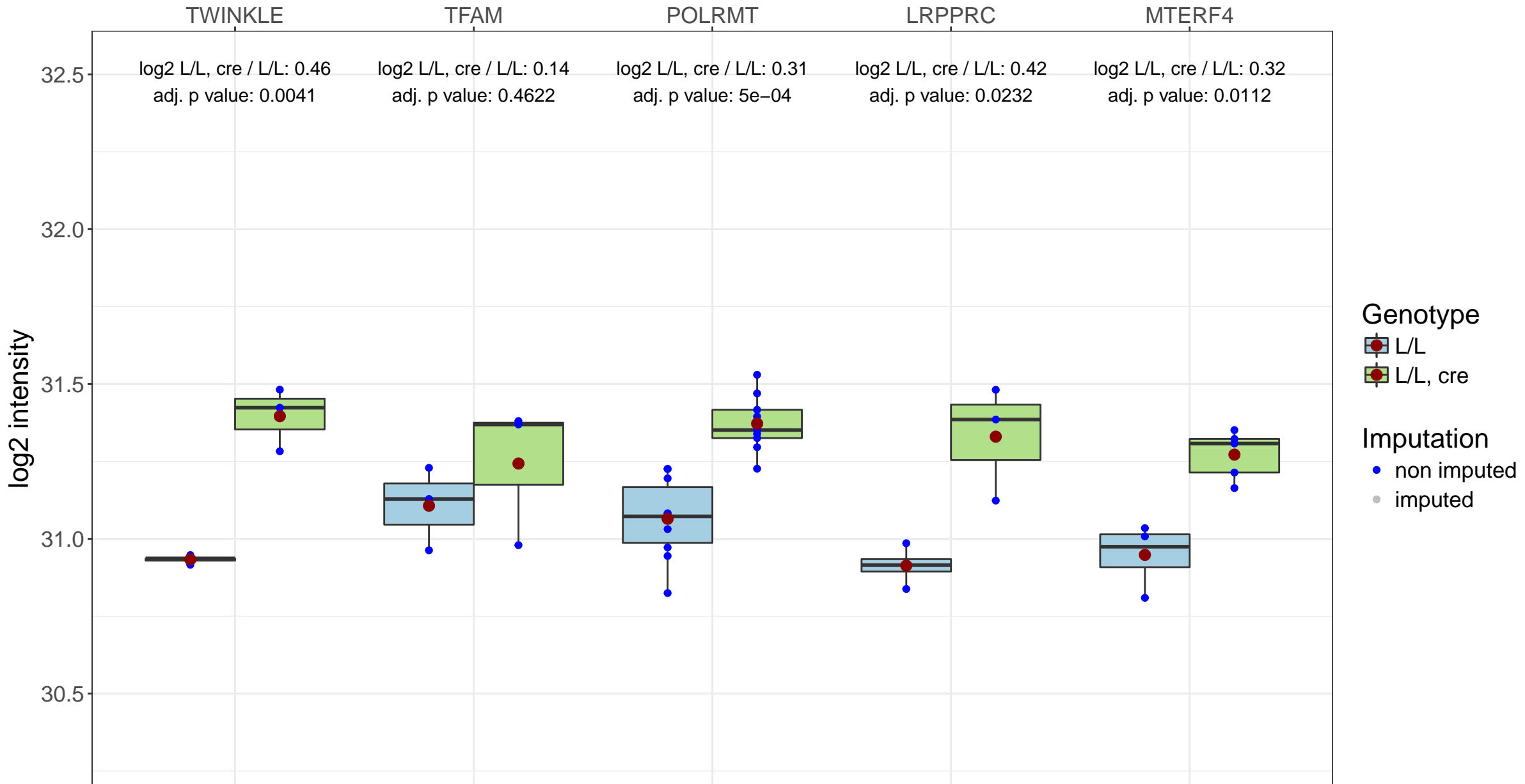


# ME3 / Q8BMF3

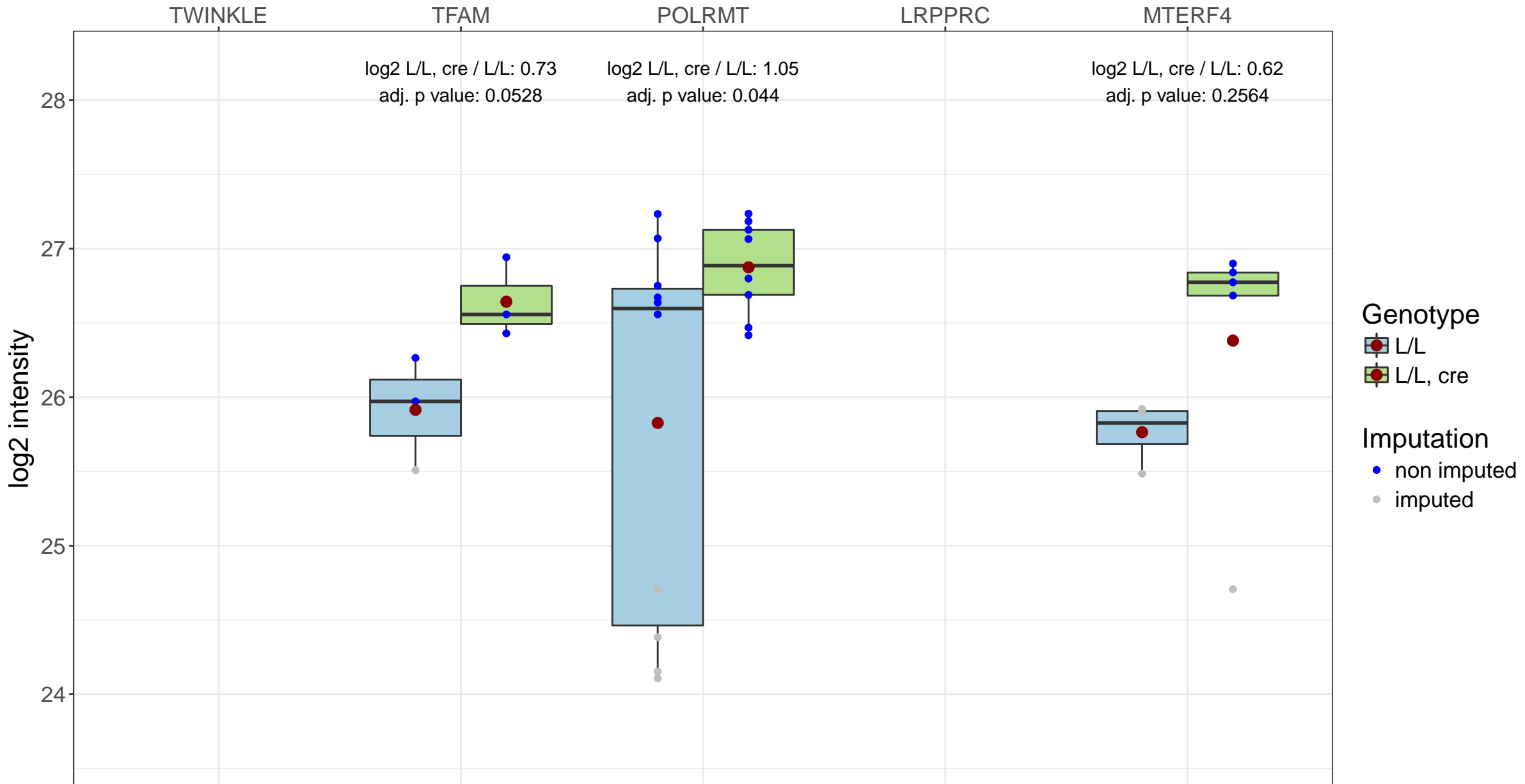




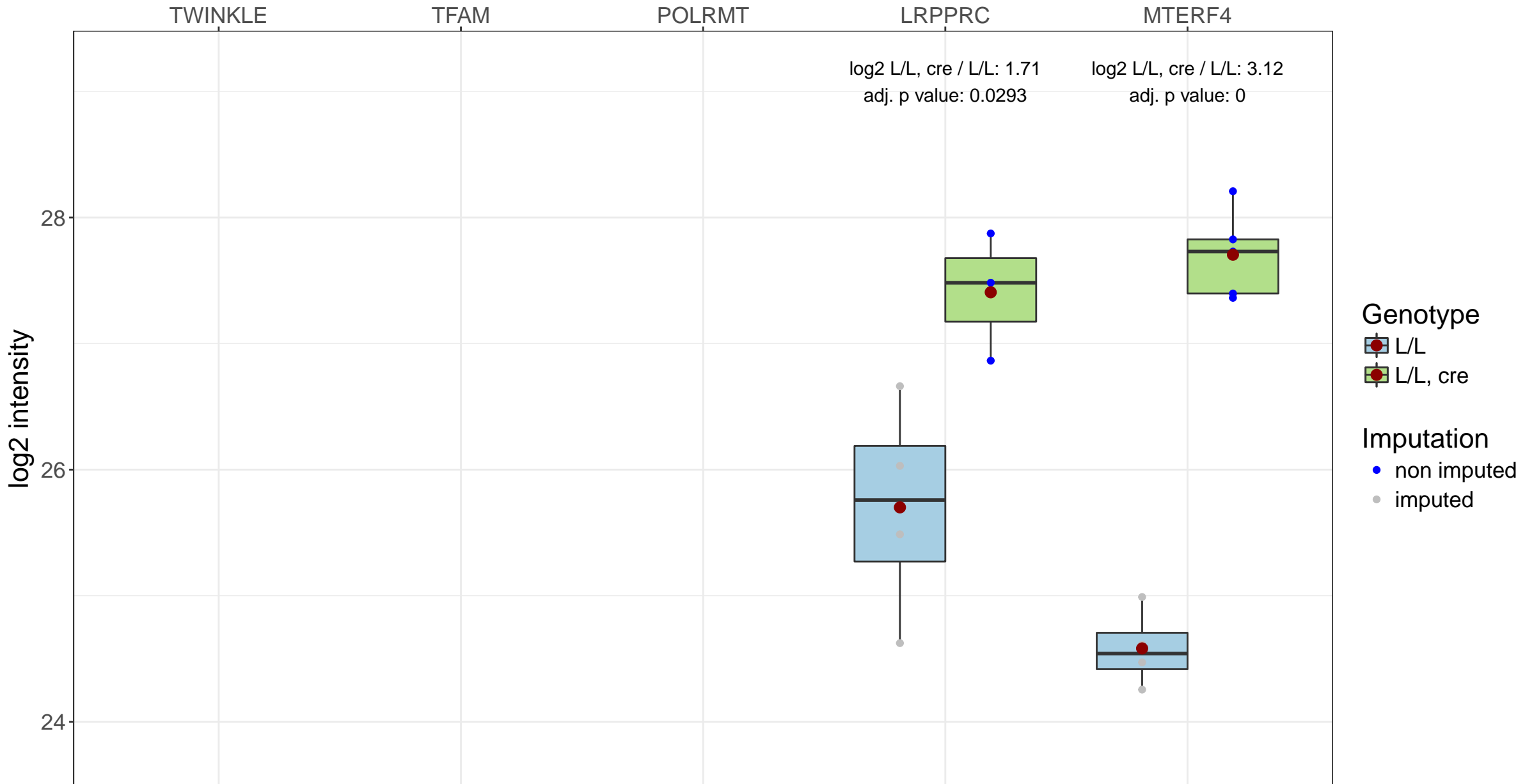
# MECR / Q9DCS3



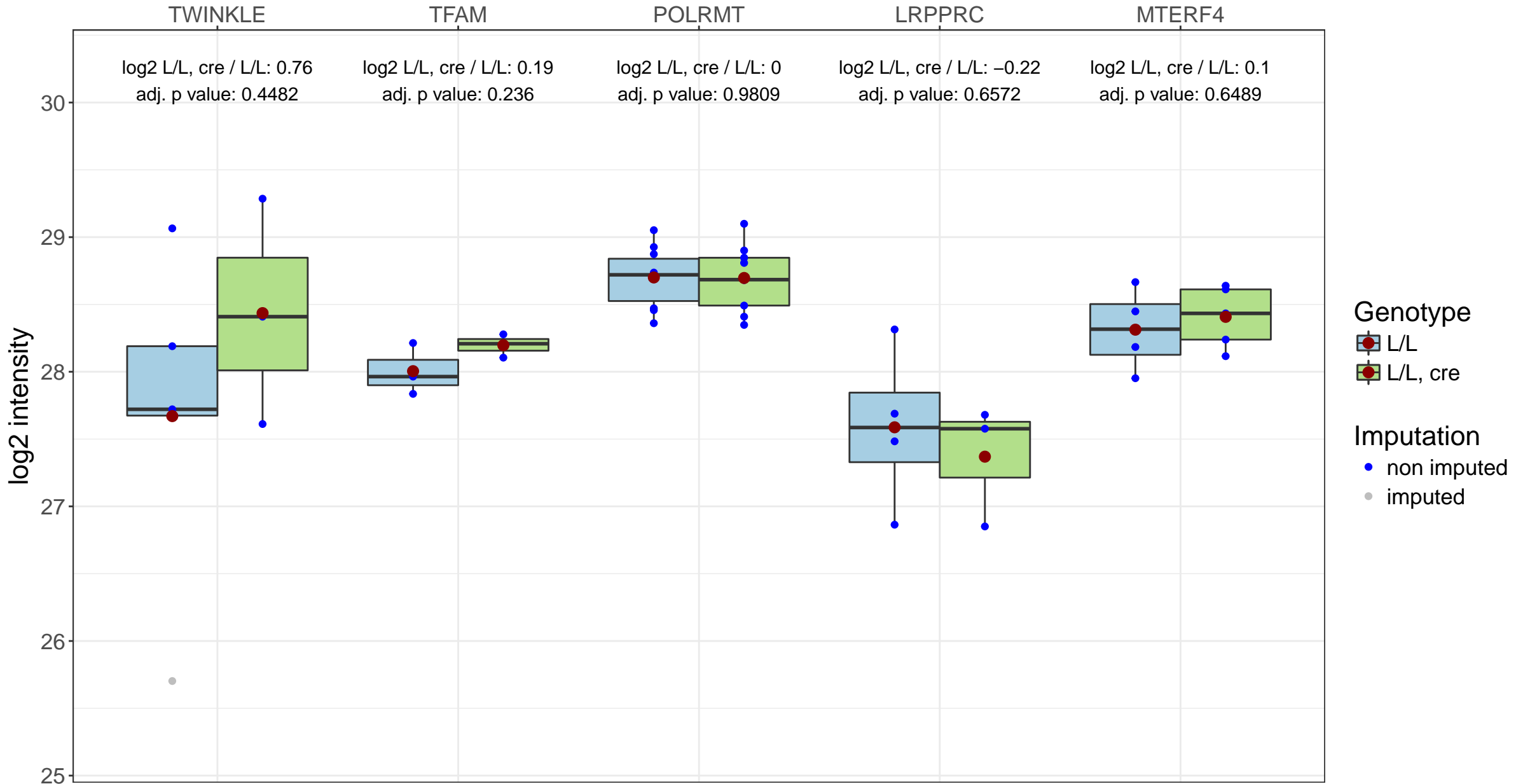
# METAP1D / Q9CPW9



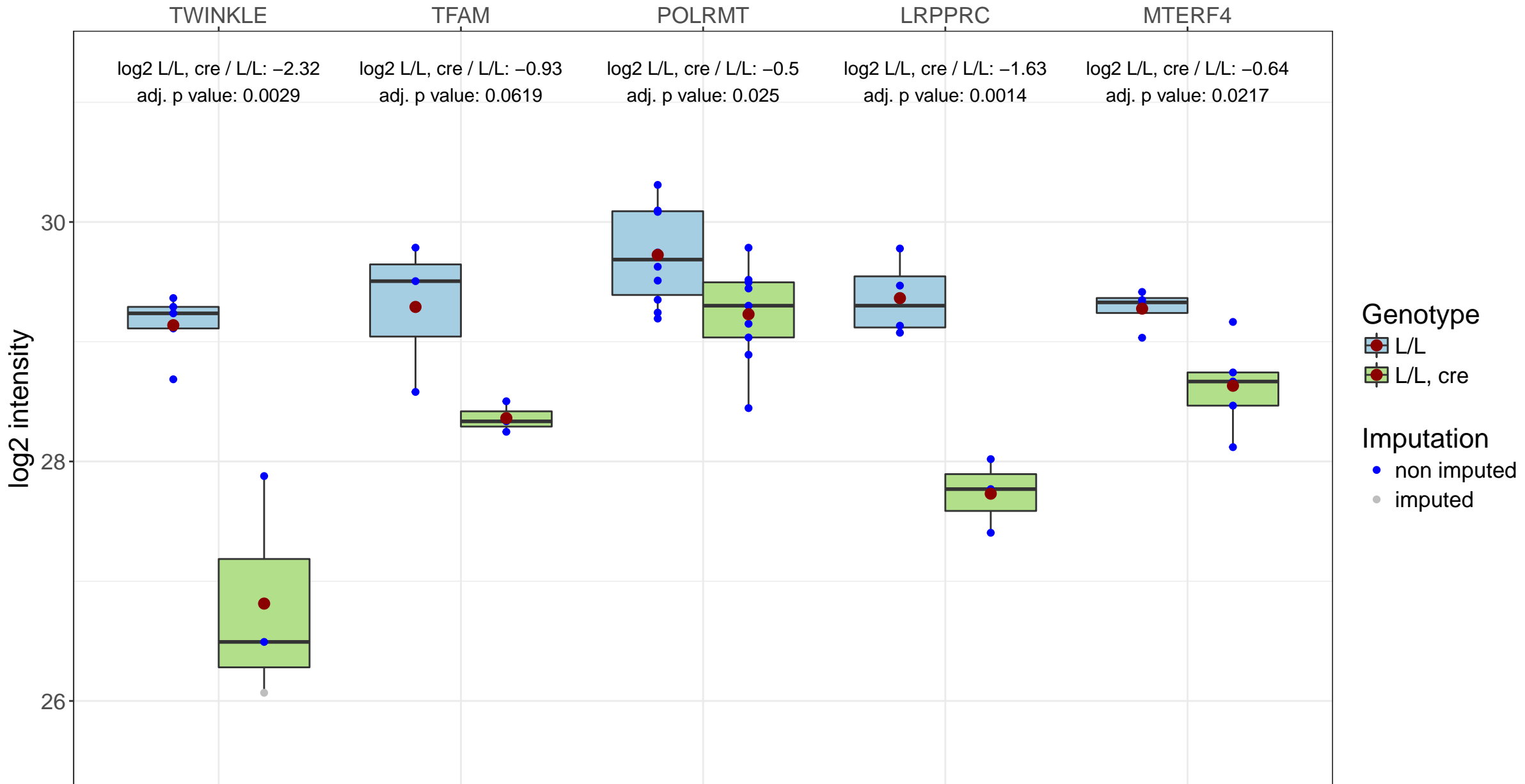
# METTTL15 / Q9DCL4



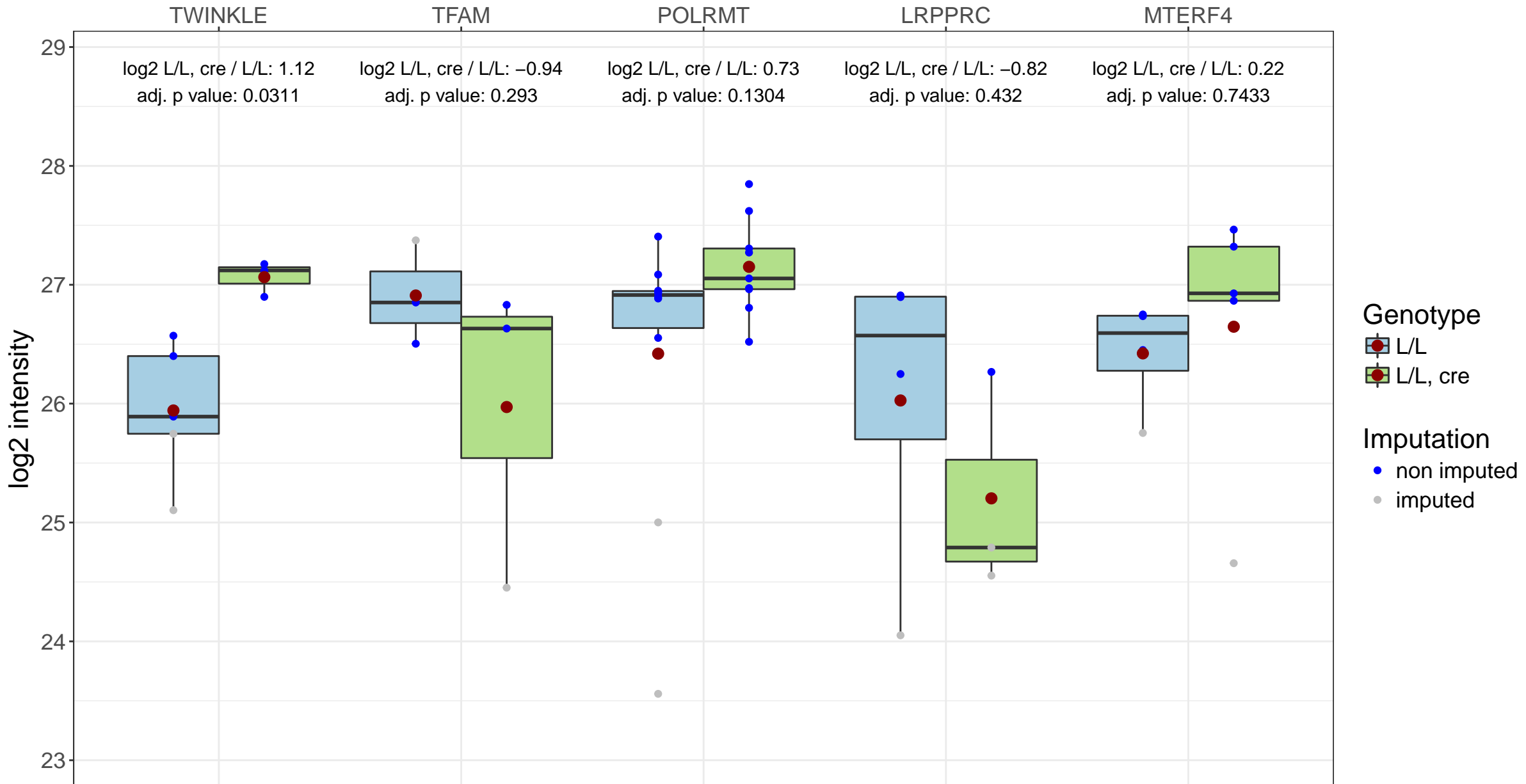
# MFF / E0CYB9



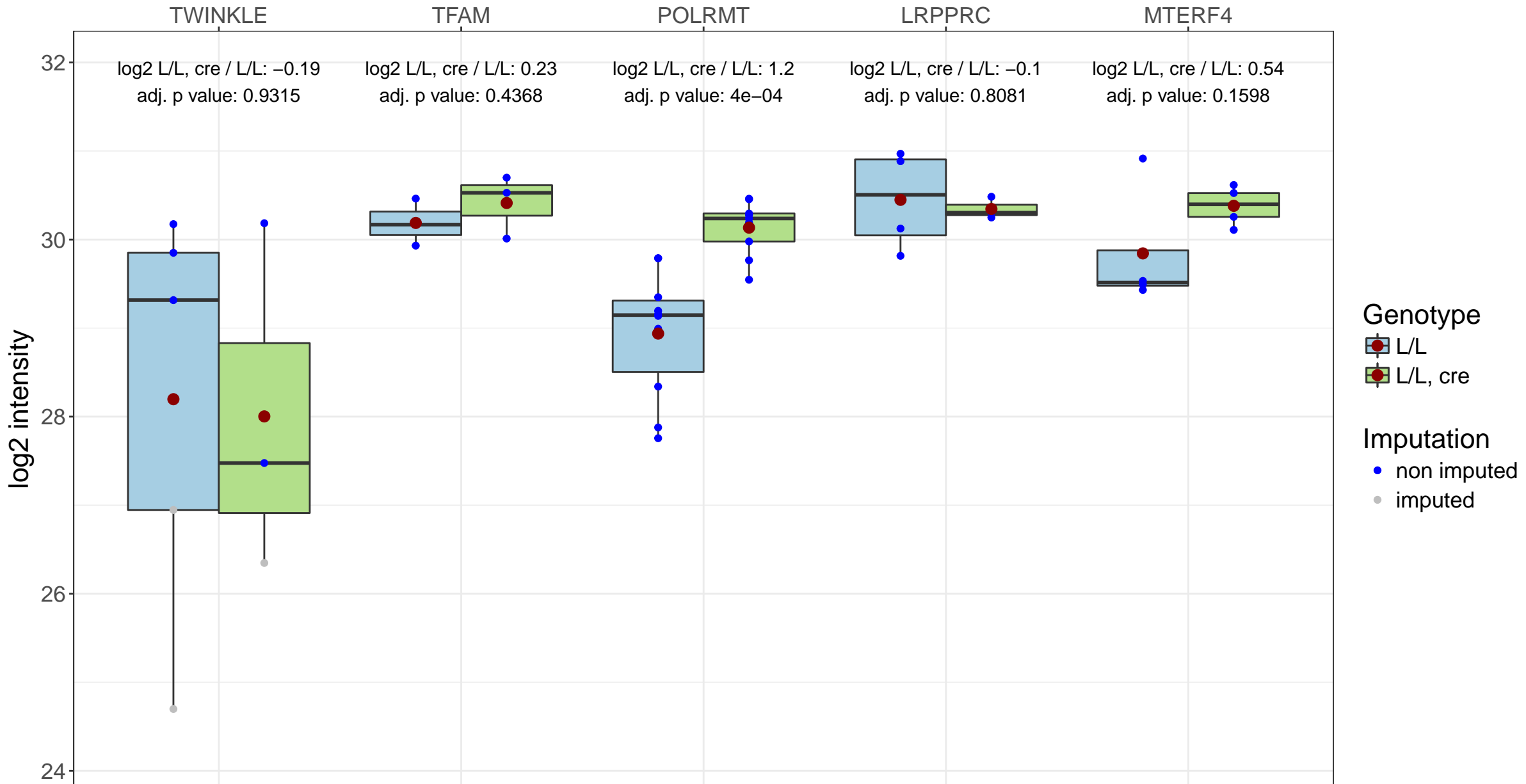
# MFN1 / Q811U4



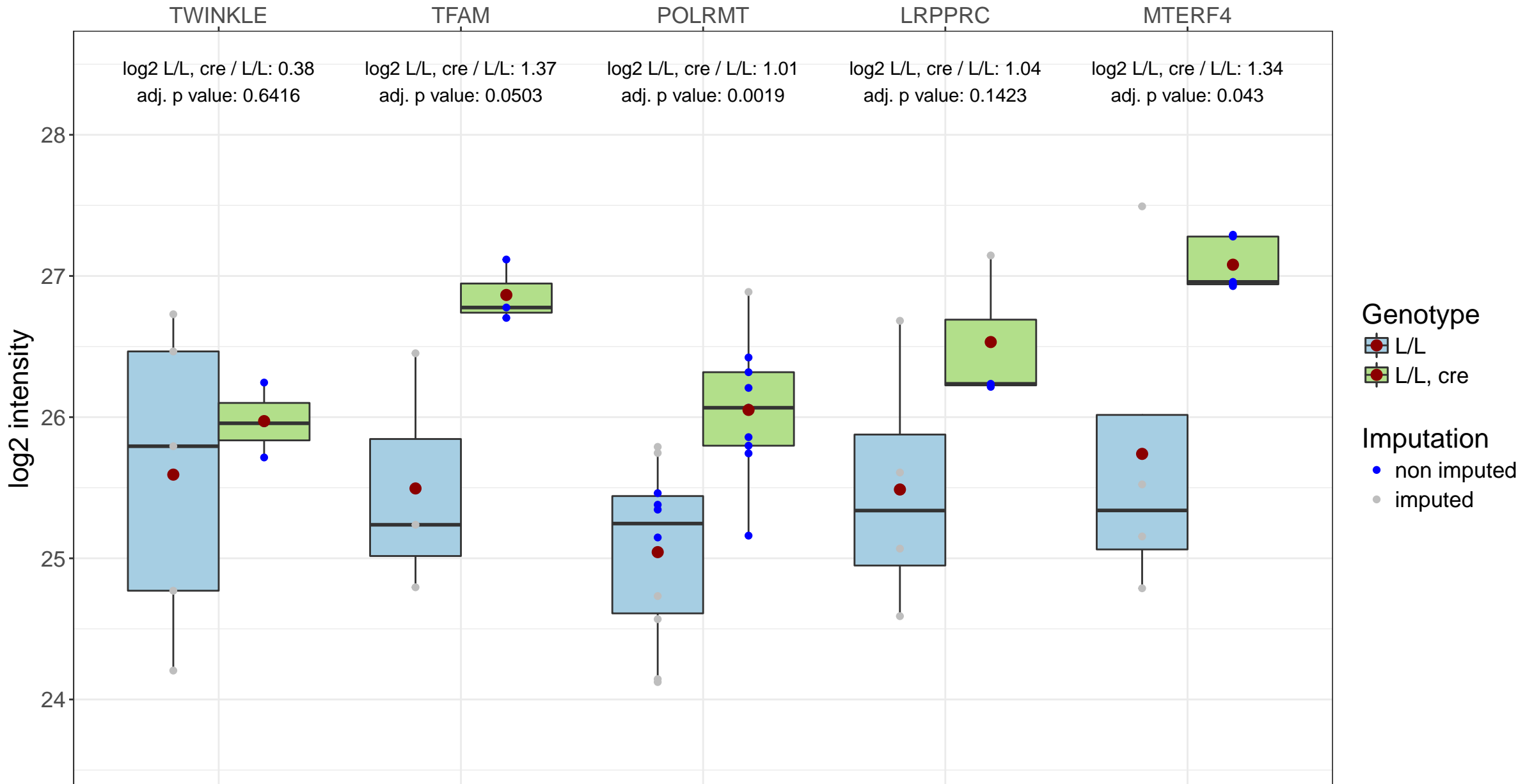
# MFN2 / Q80U63



# MGST3 / Q9CPU4

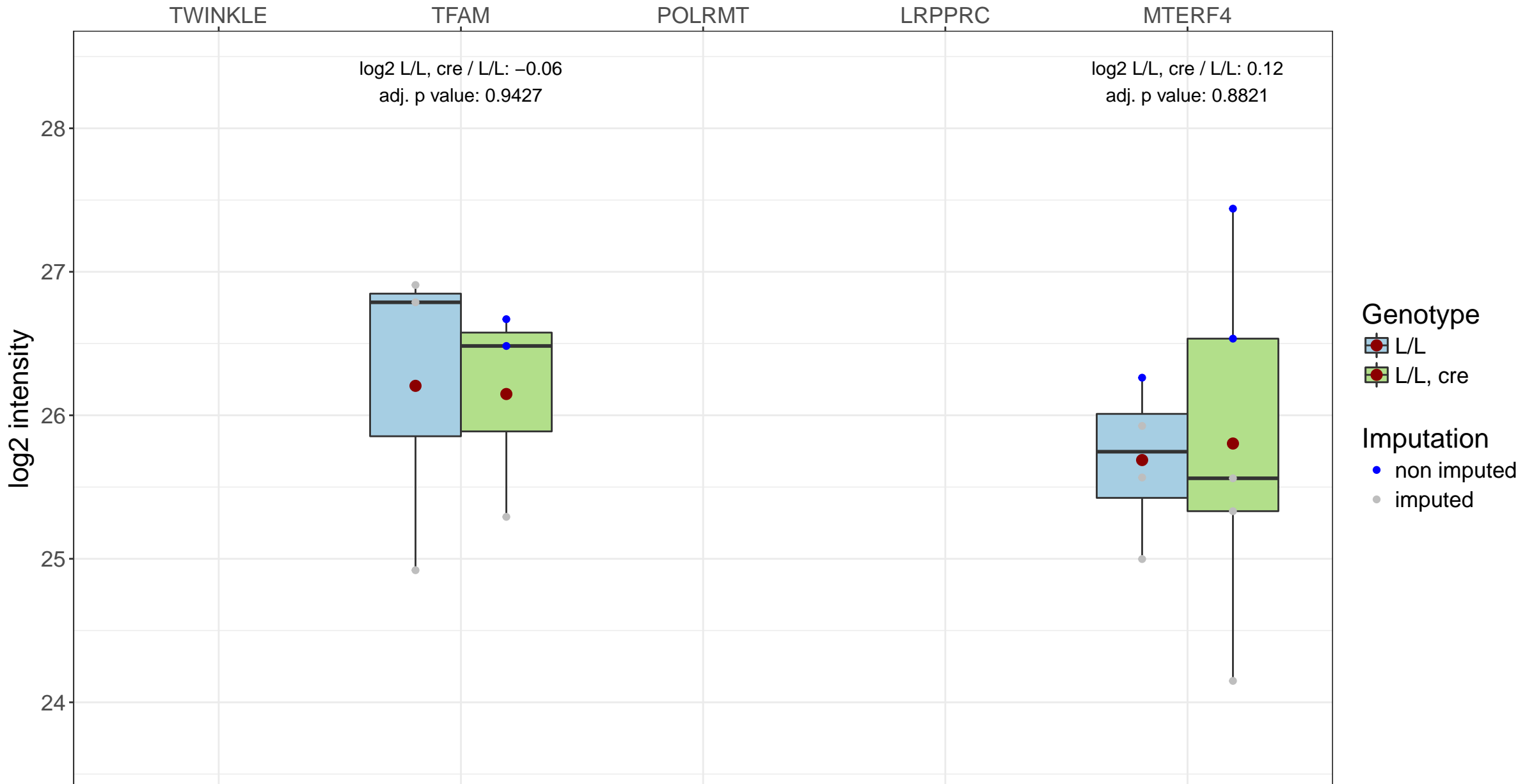


# MICU1 / Q8VCX5

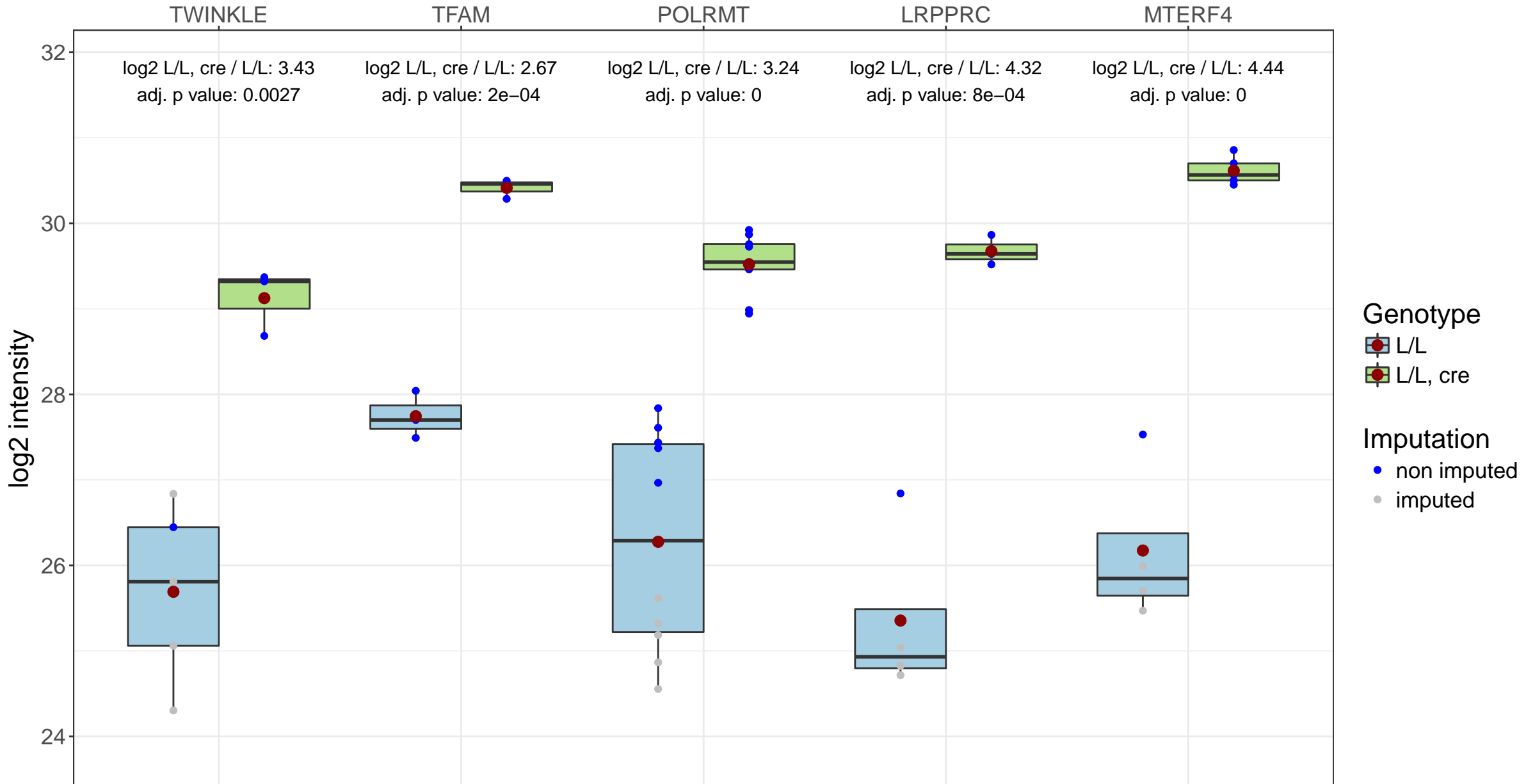




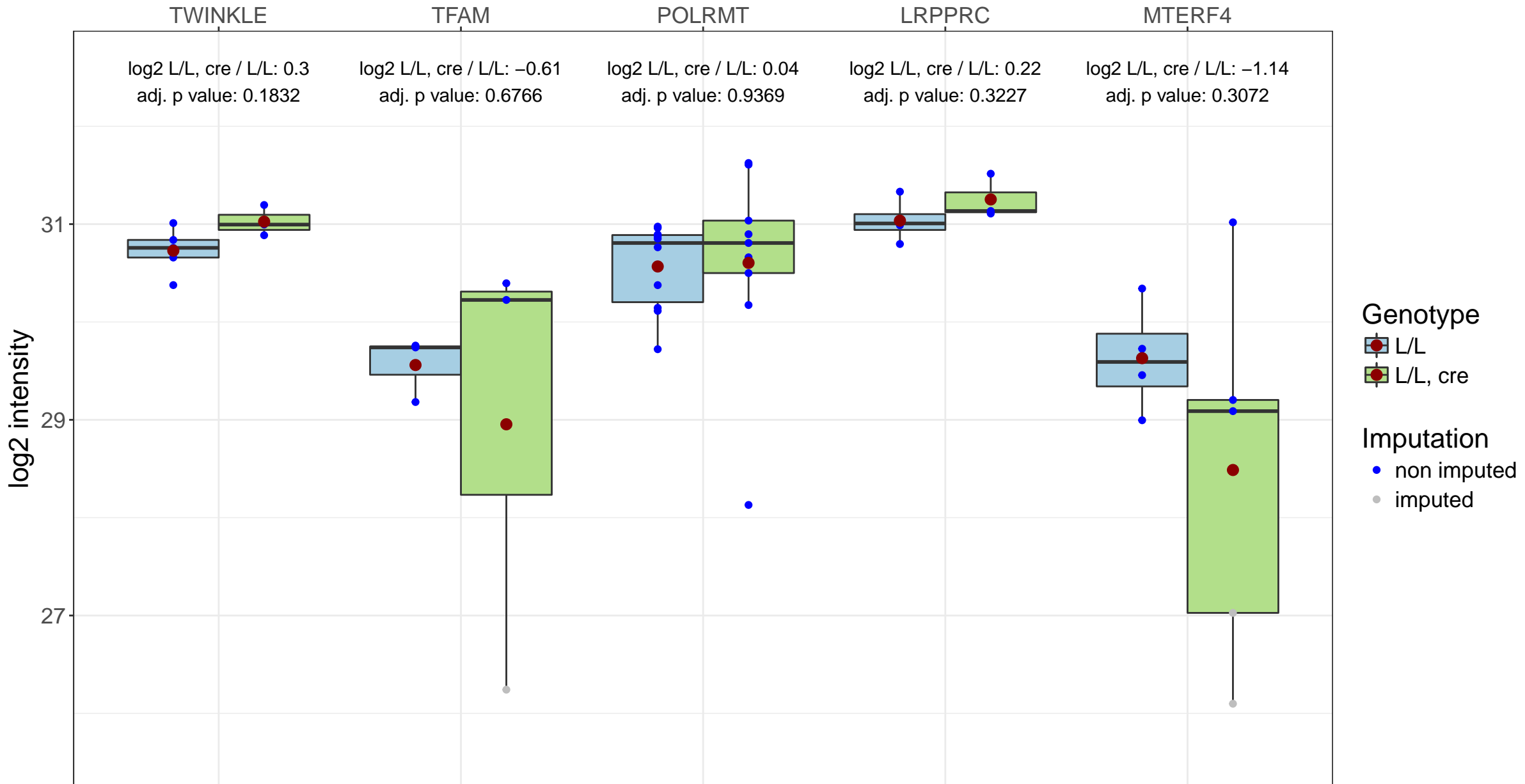
# MIEN1 / Q9CQ86



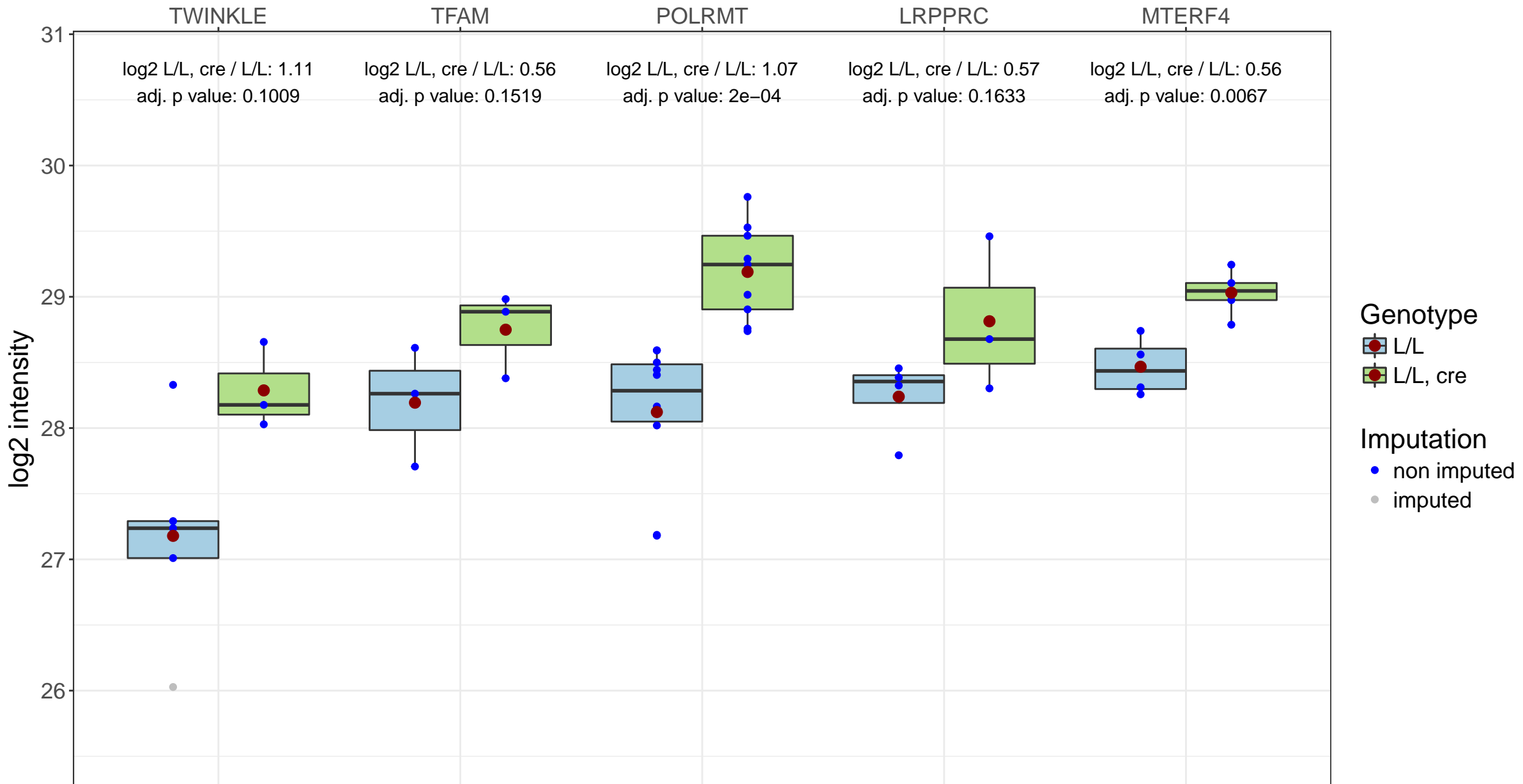
# MIF / P34884



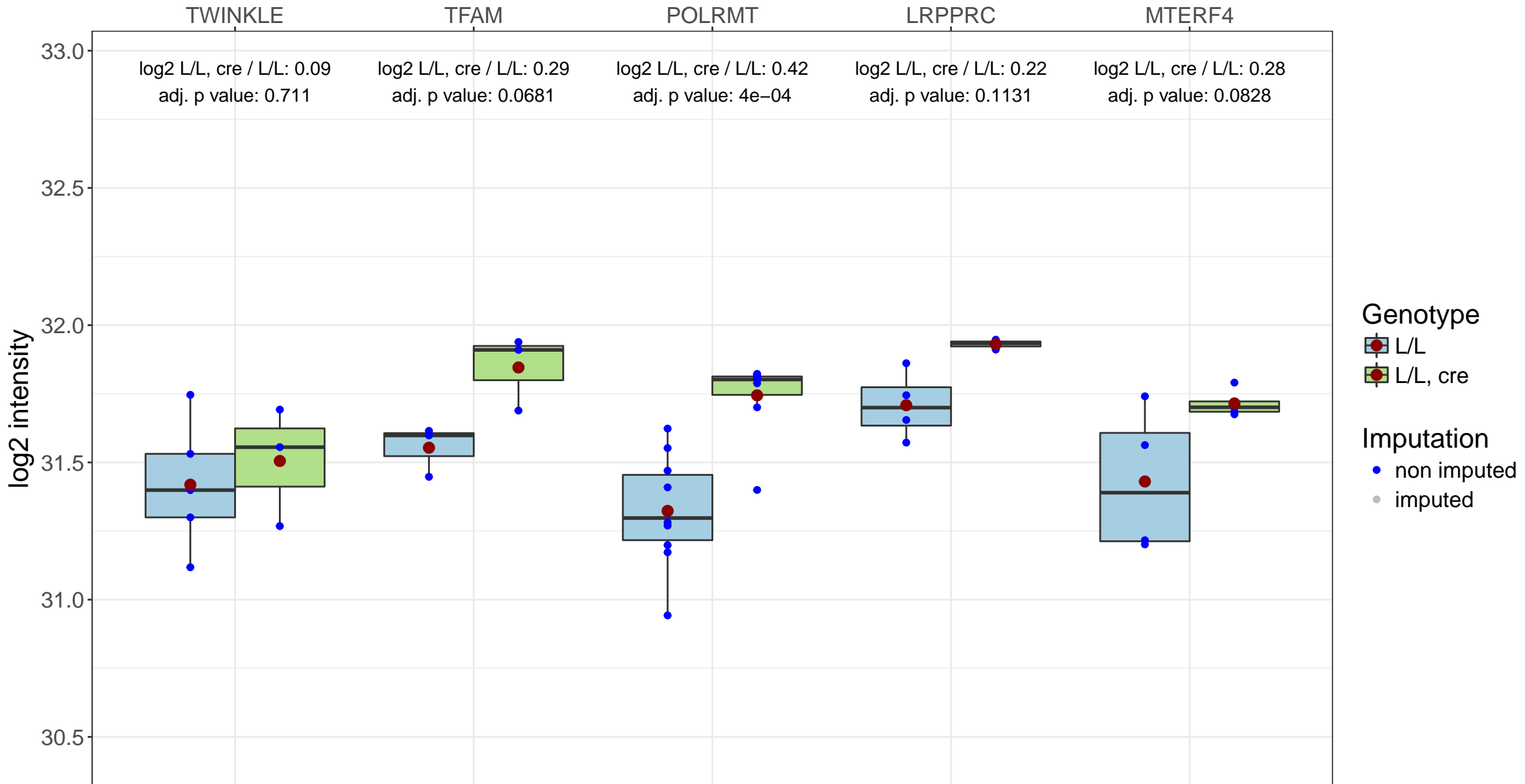
# MINOS1 / Q7TNS2



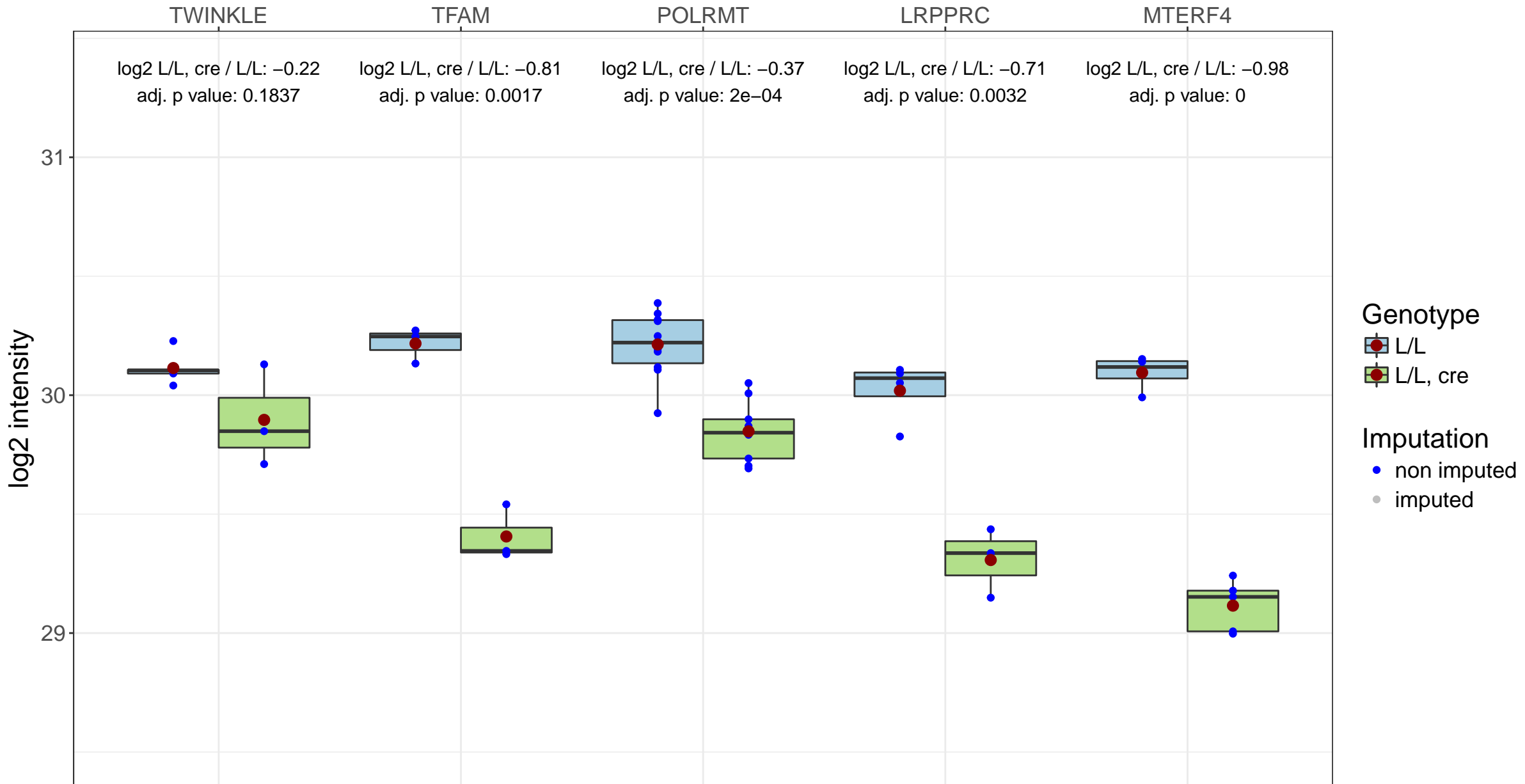
# MIPEP / A6H611



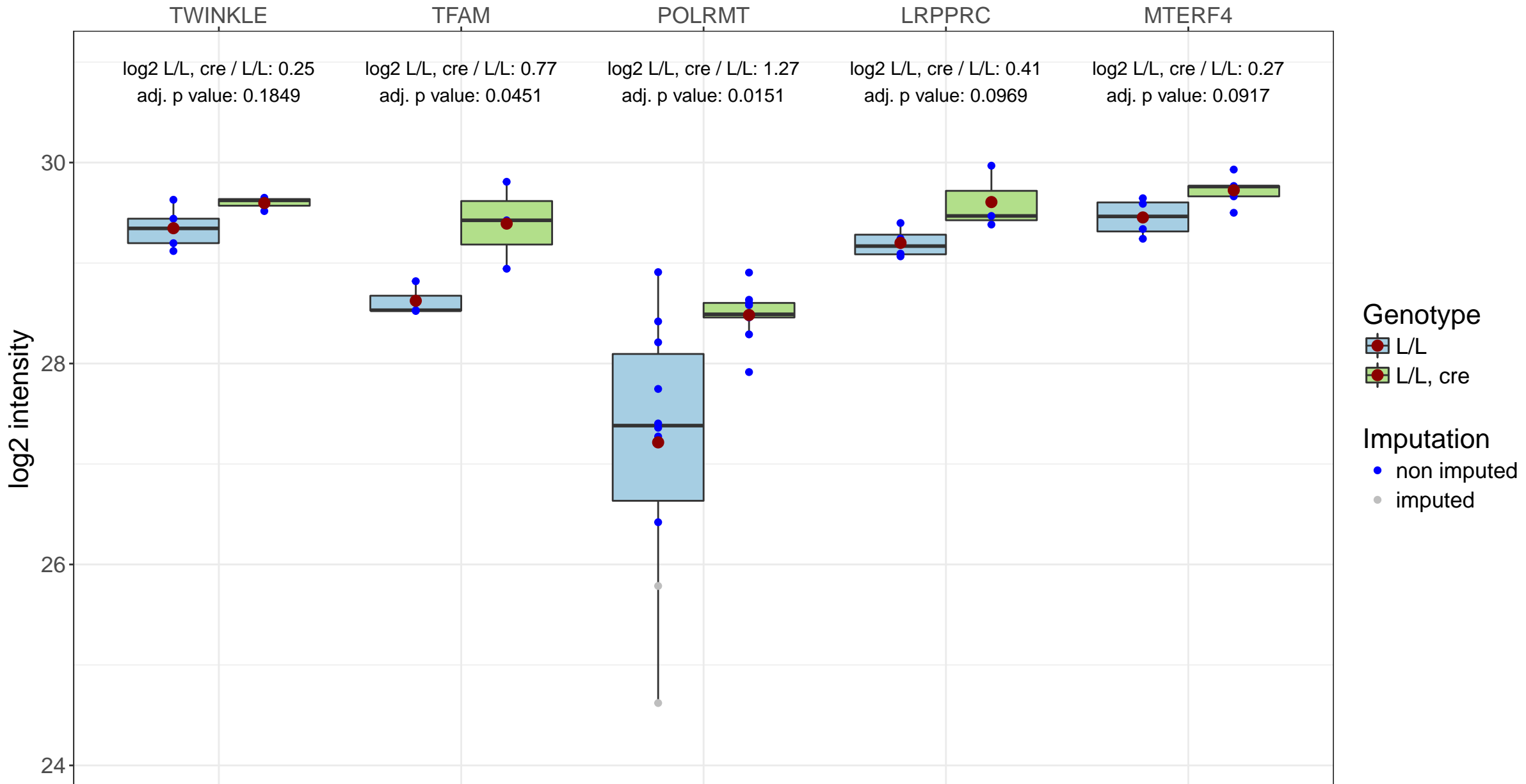
# MLYCD / Q99J39-2



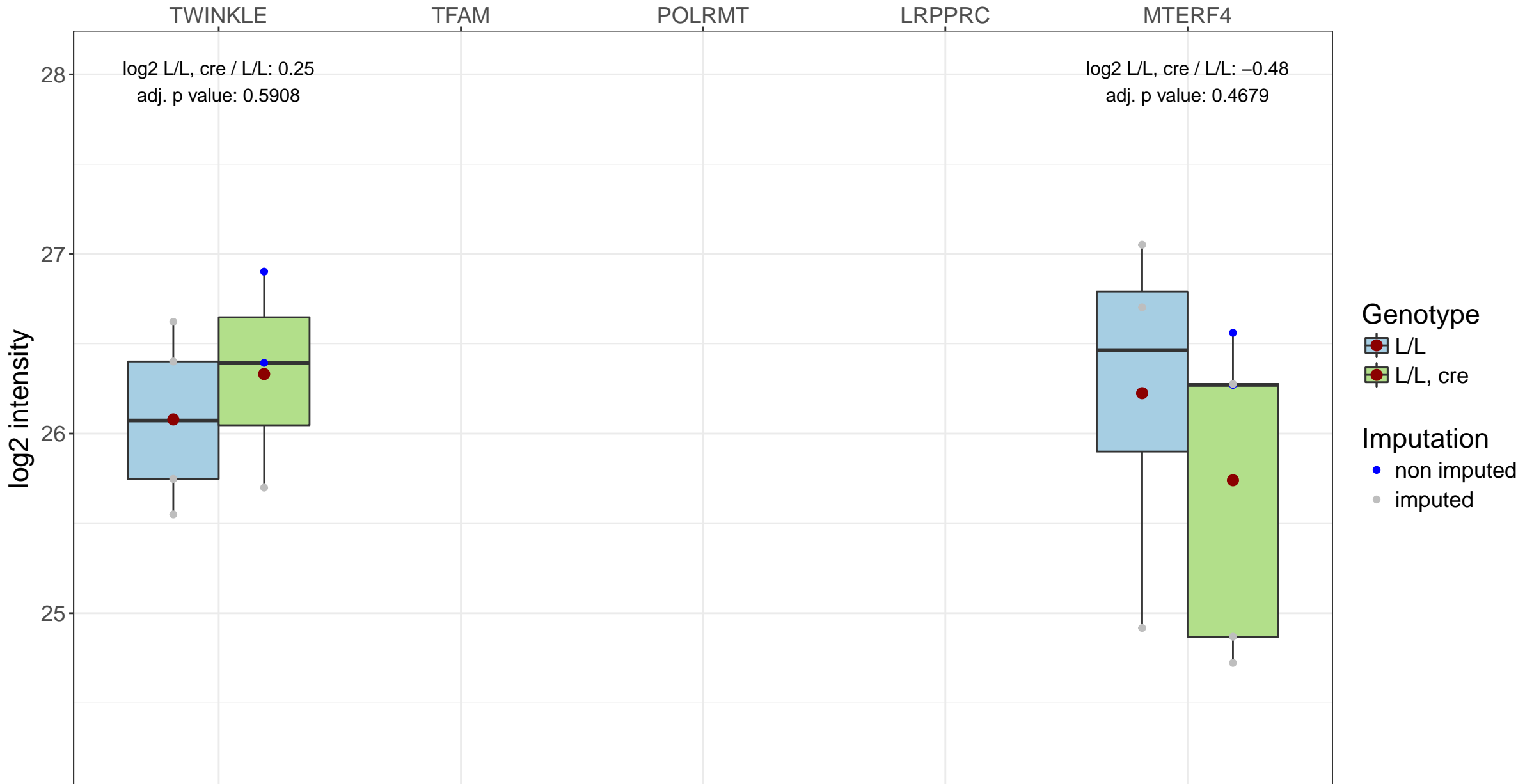
# MMAA / Q8C7H1



# MMAB / Q9D273

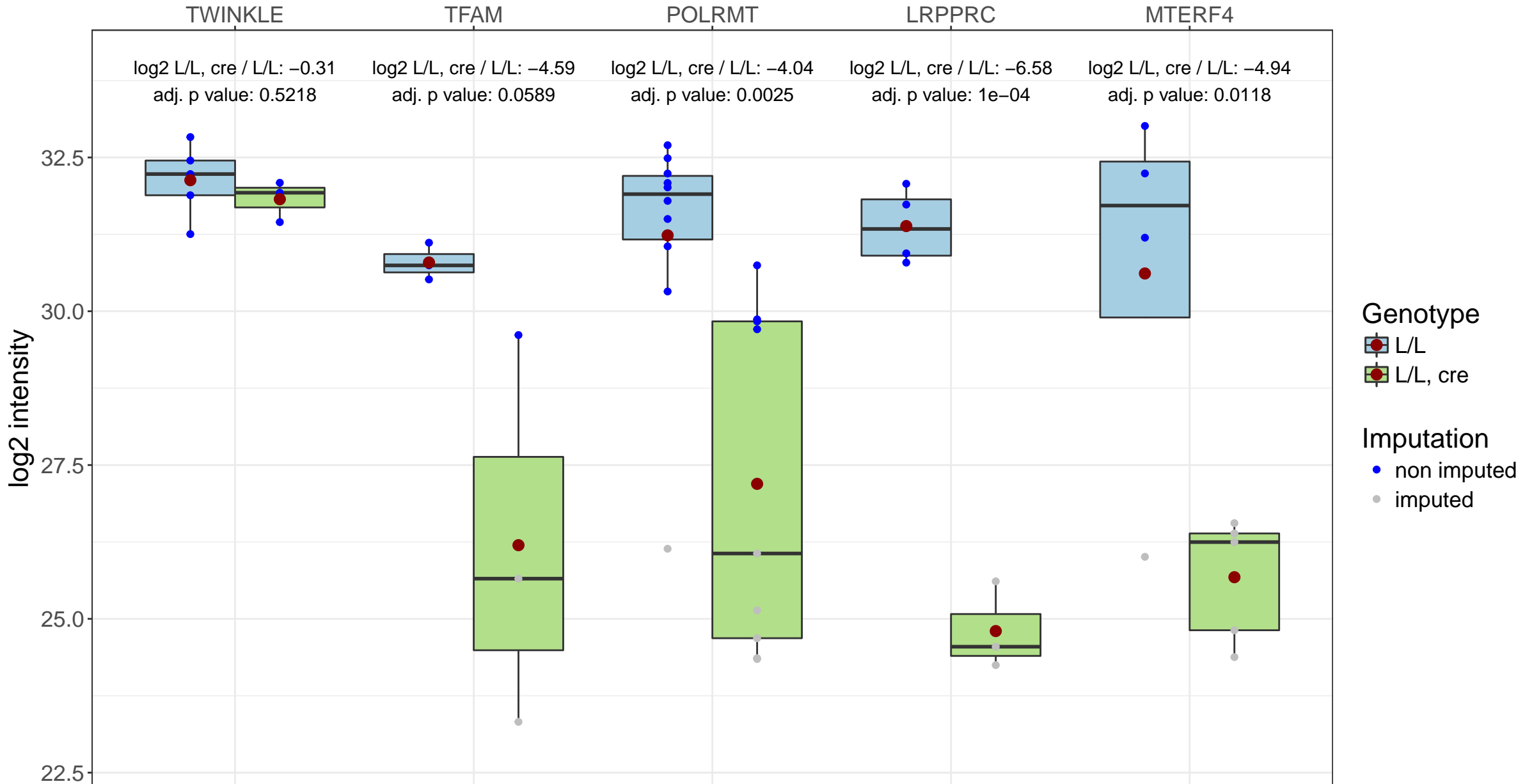


# MOCS1 / Q5RKZ7

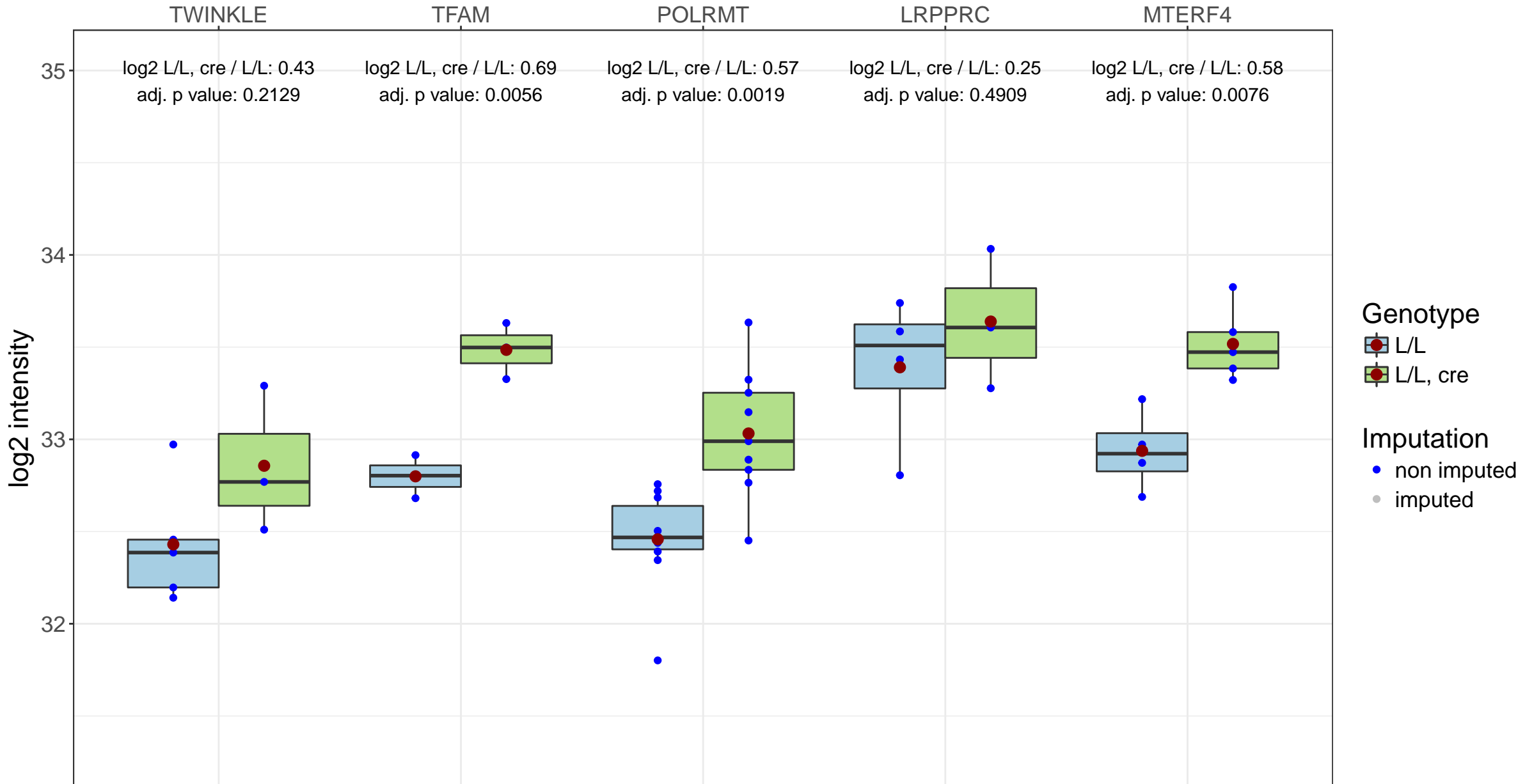




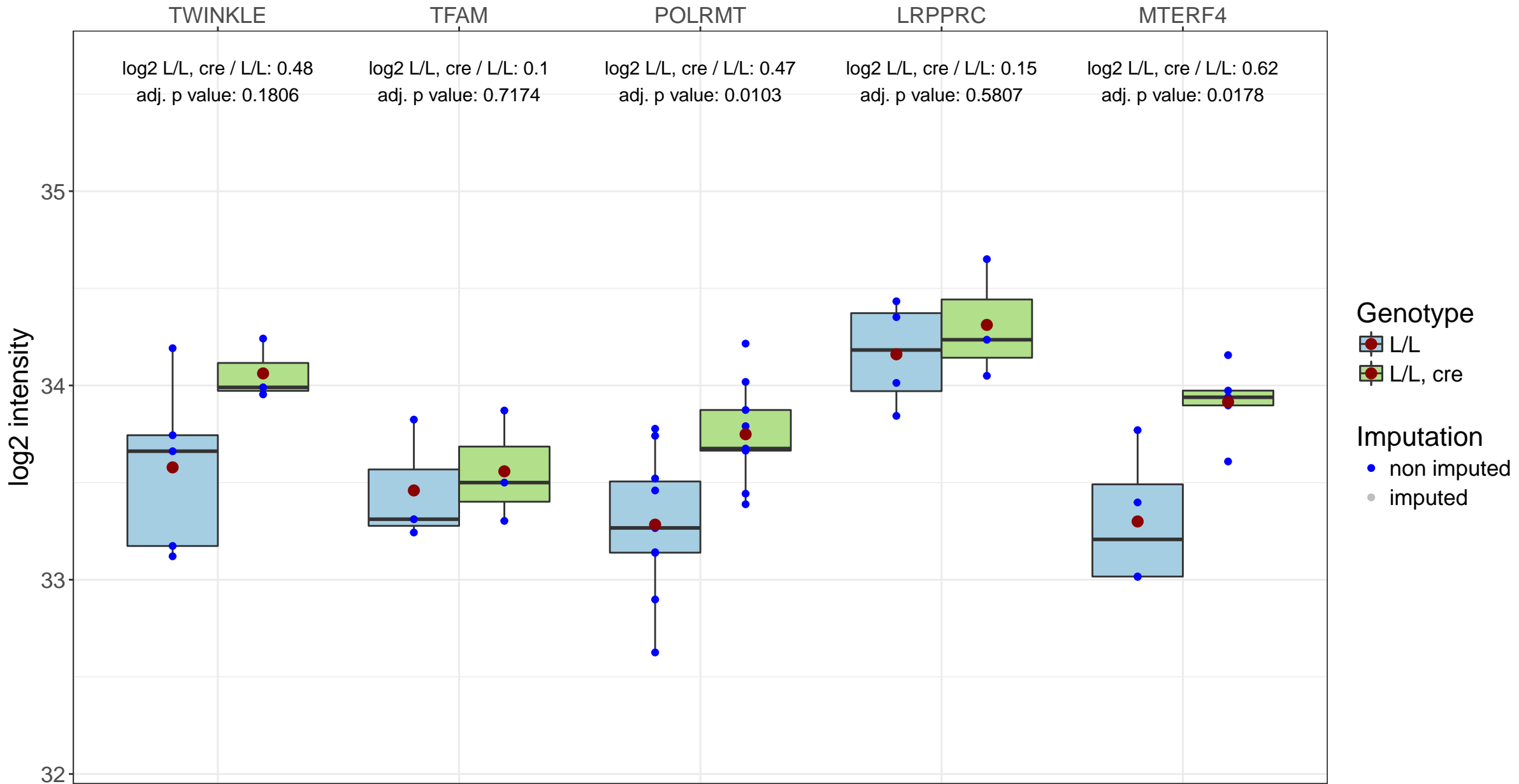
# MP68 / P56379



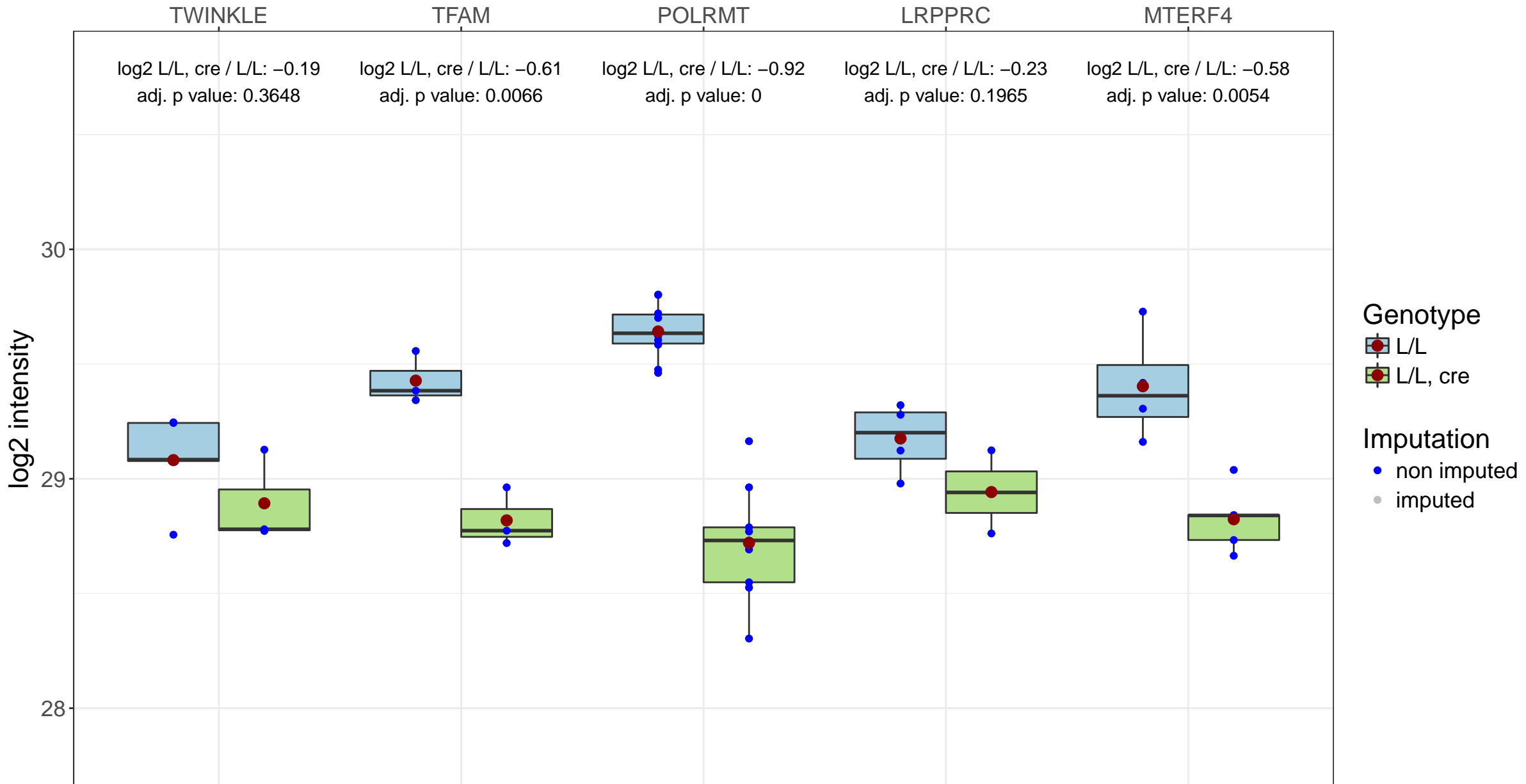
# MPC1 / P63030



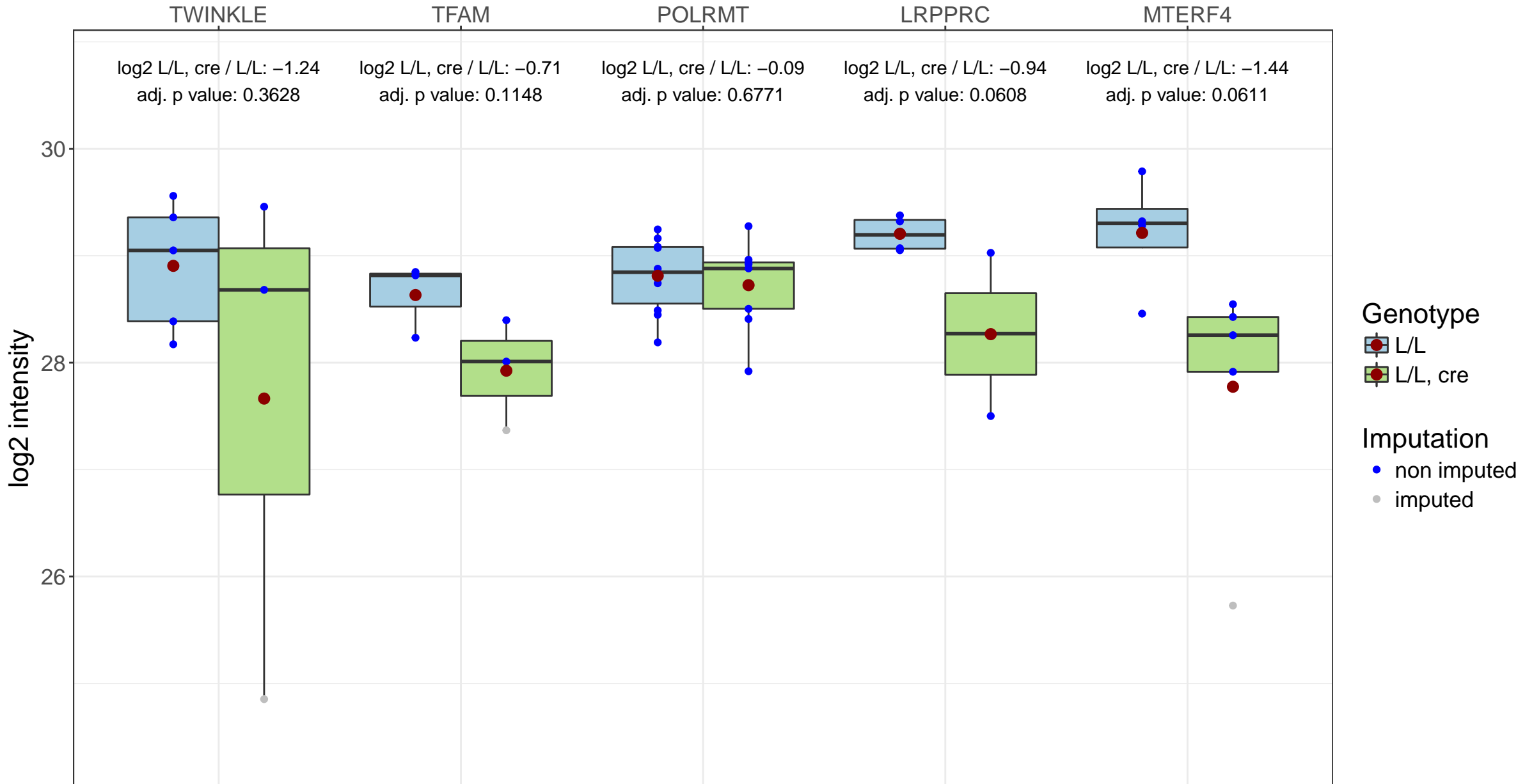
# MPC2 / Q9D023



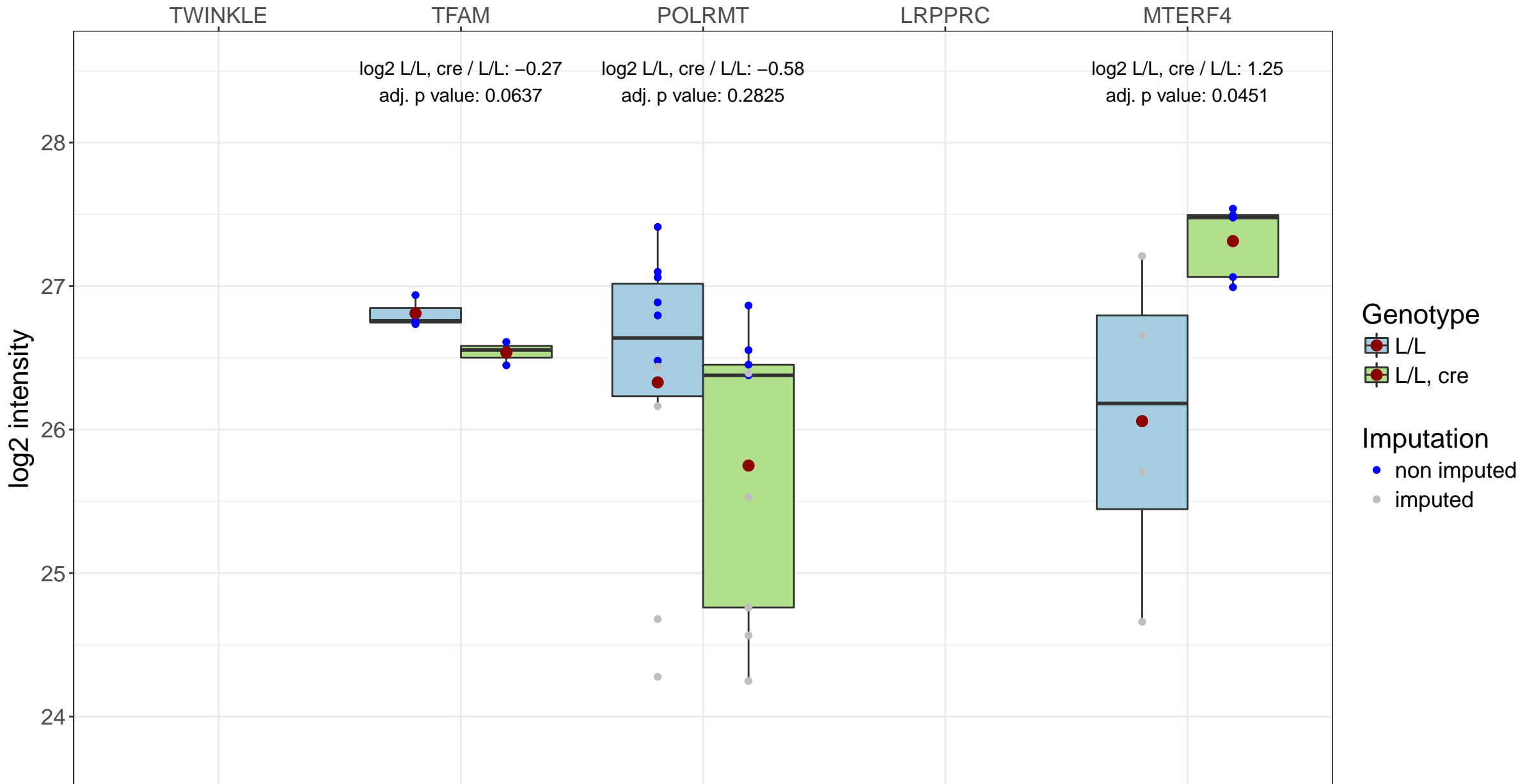
# MPST / Q3UW66



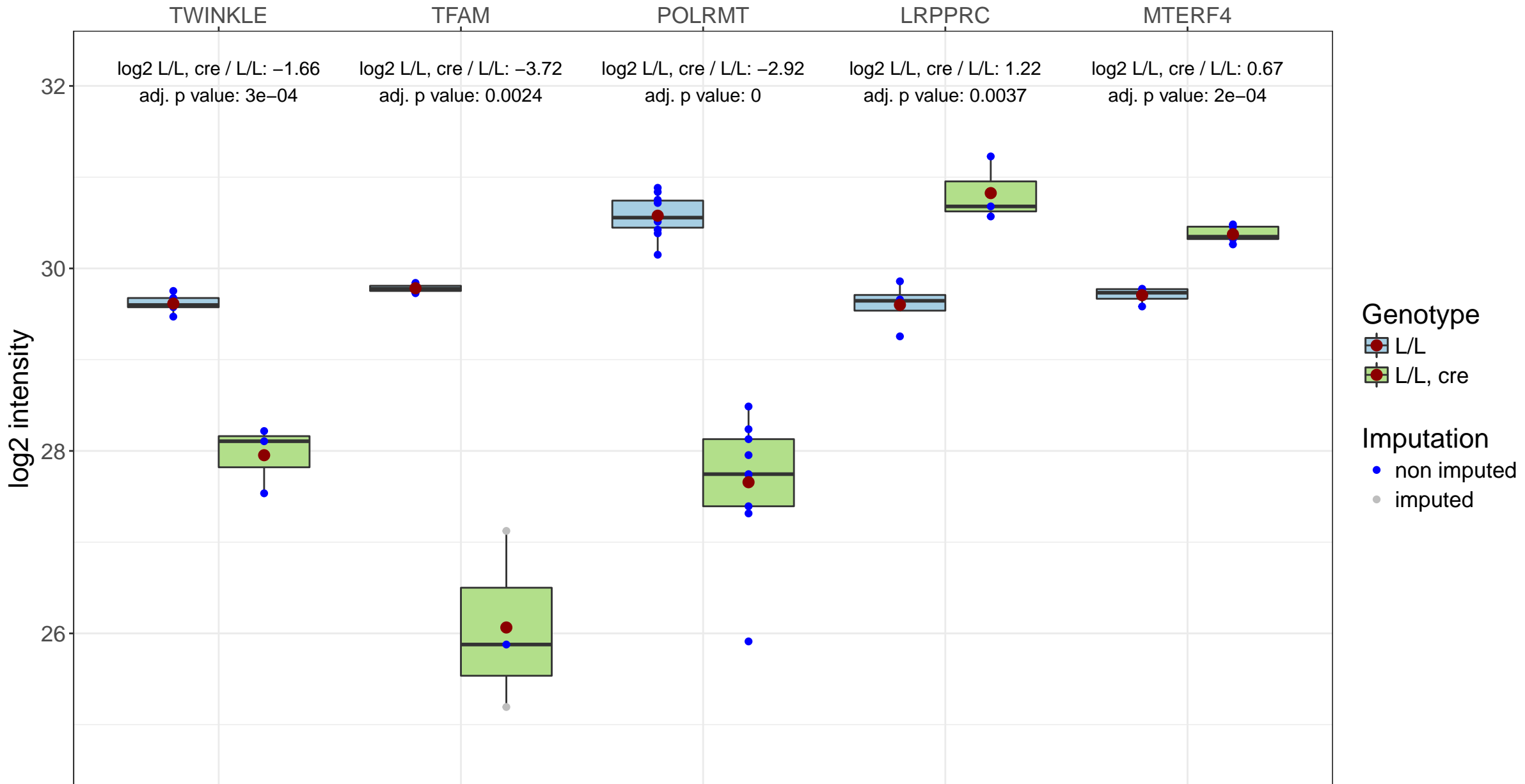
# MPV17 / F6T1N2



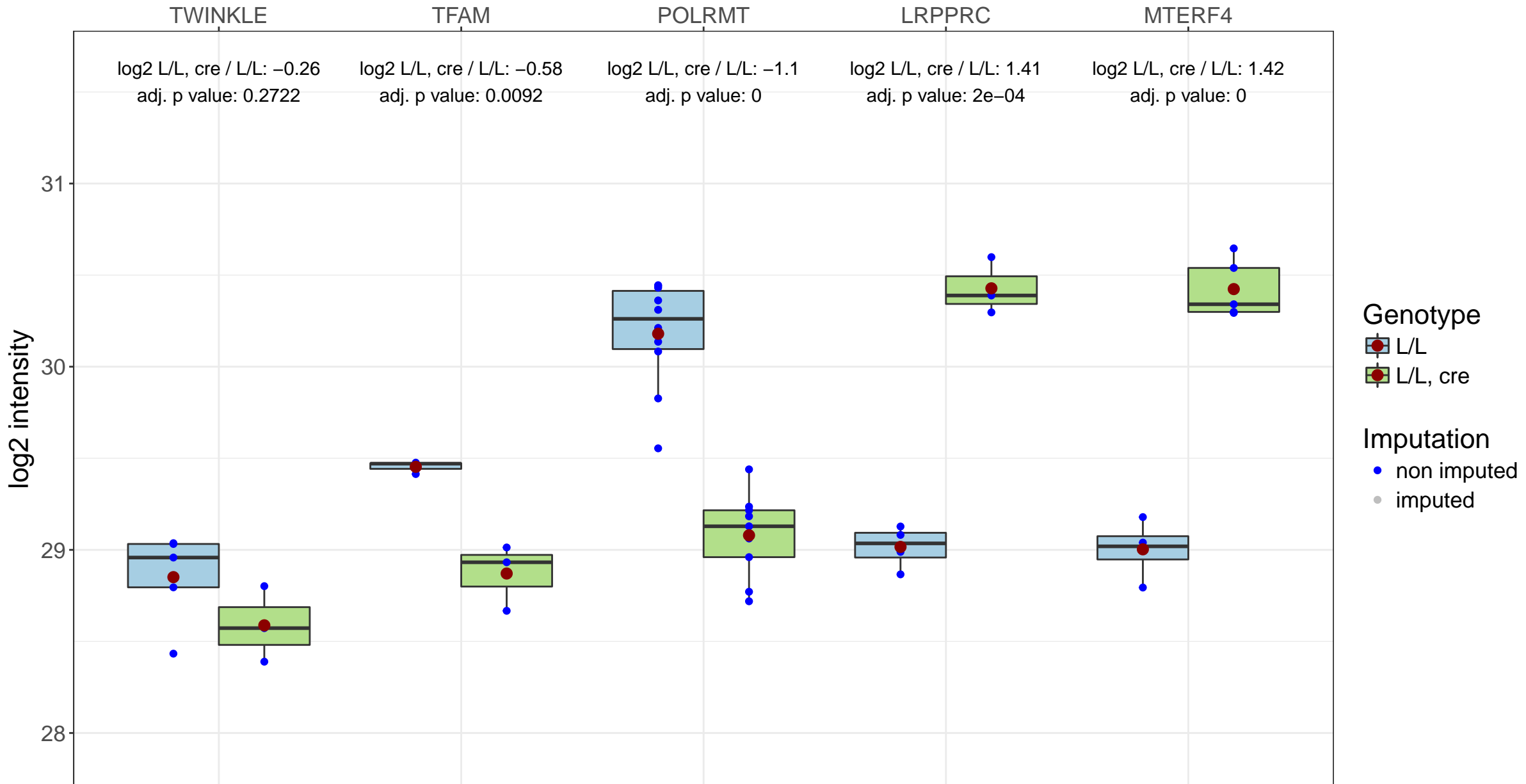
# MRM1 / Q99J25



# MRPL1 / Q99N96

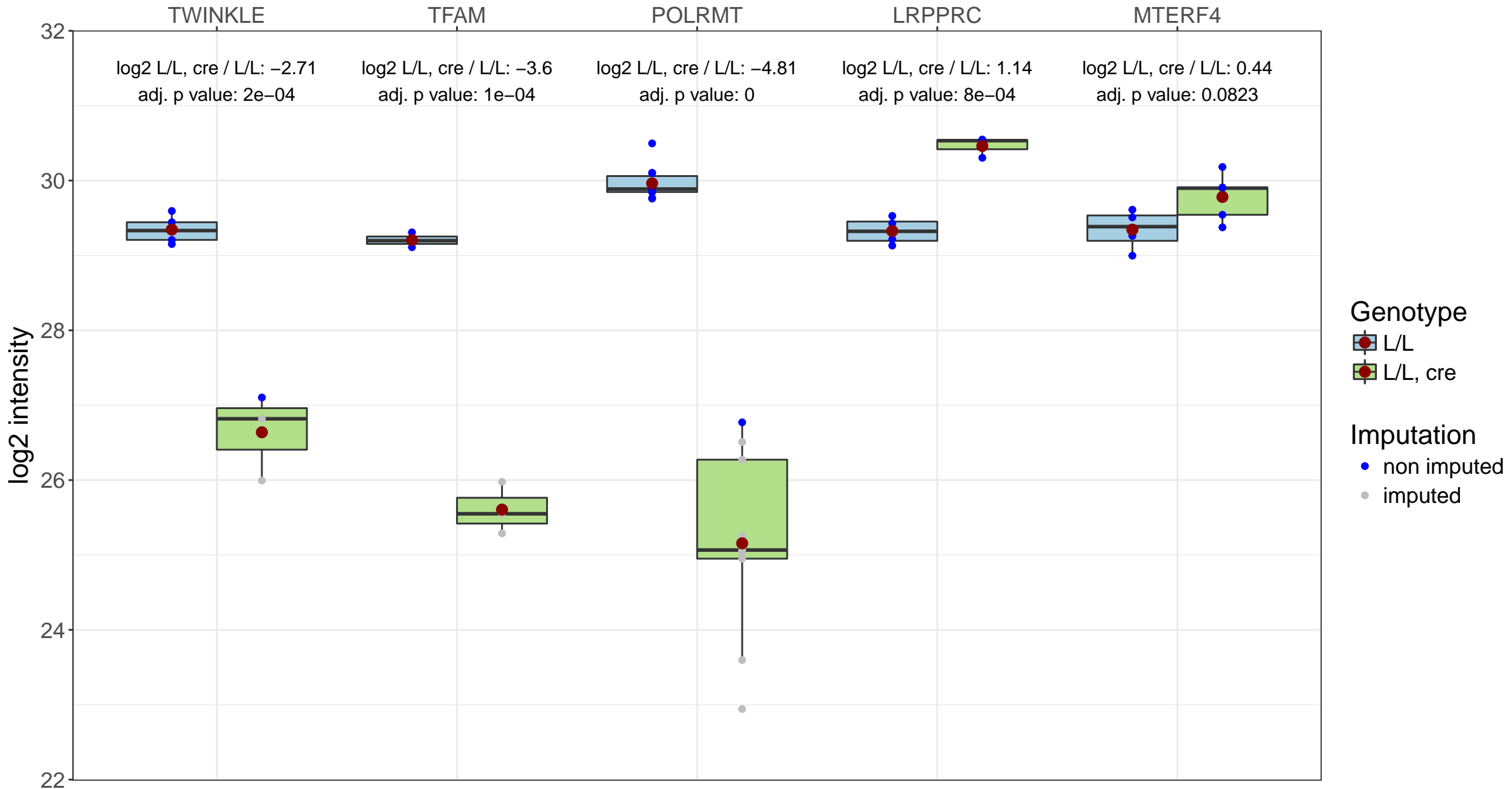


# MRPL10 / Q3TBW2

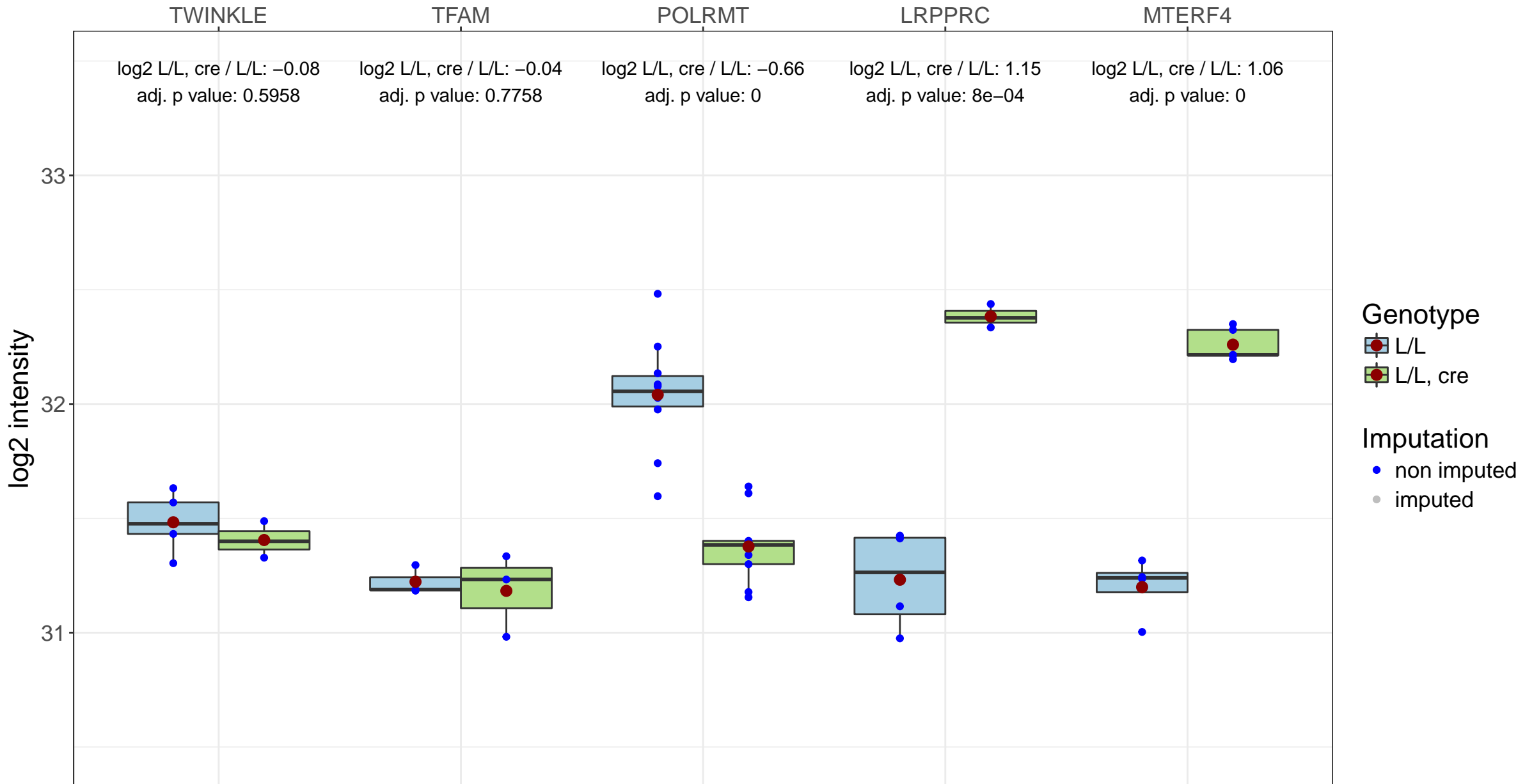




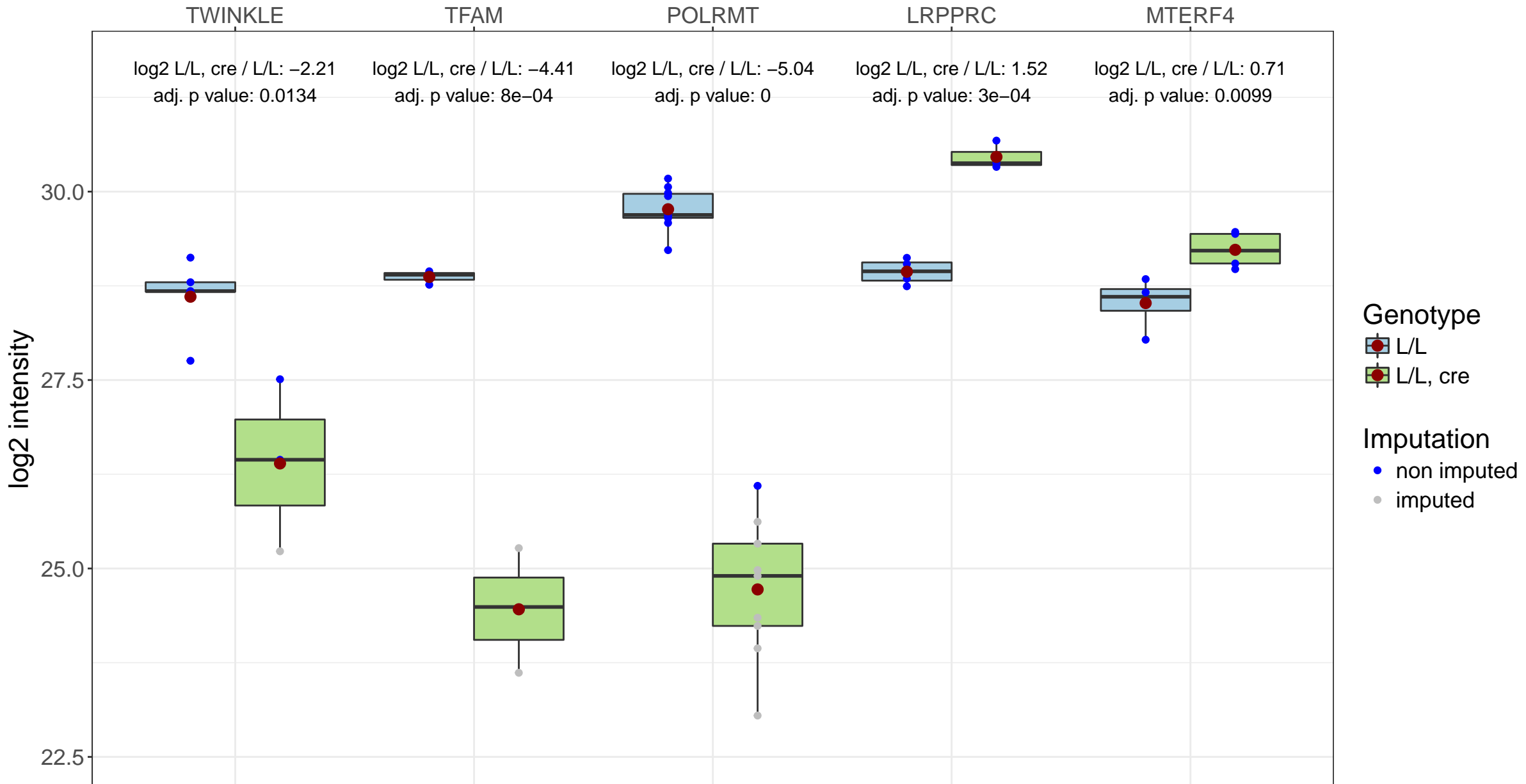
# MRPL11 / Q9CQF0



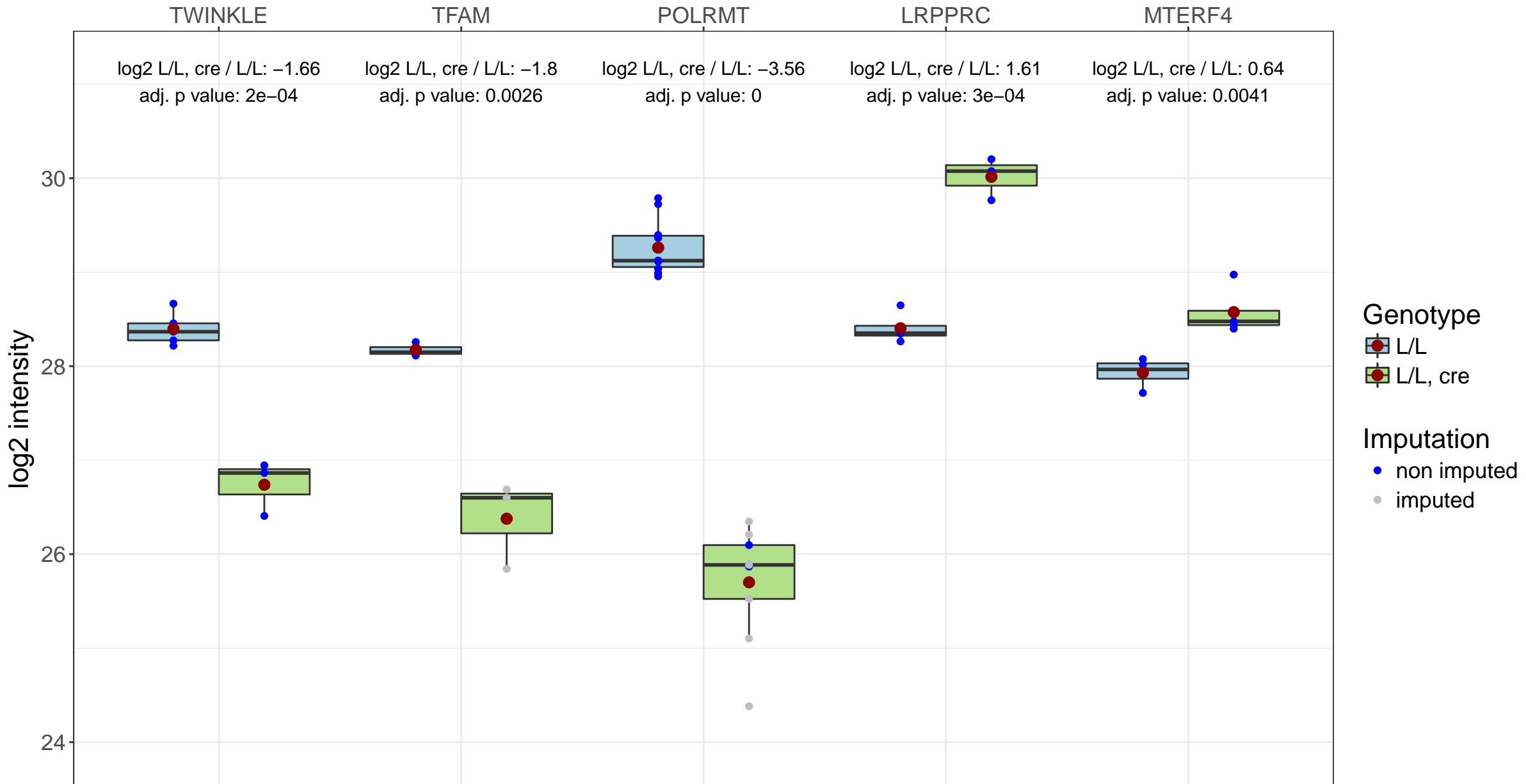
# MRPL12 / Q9DB15



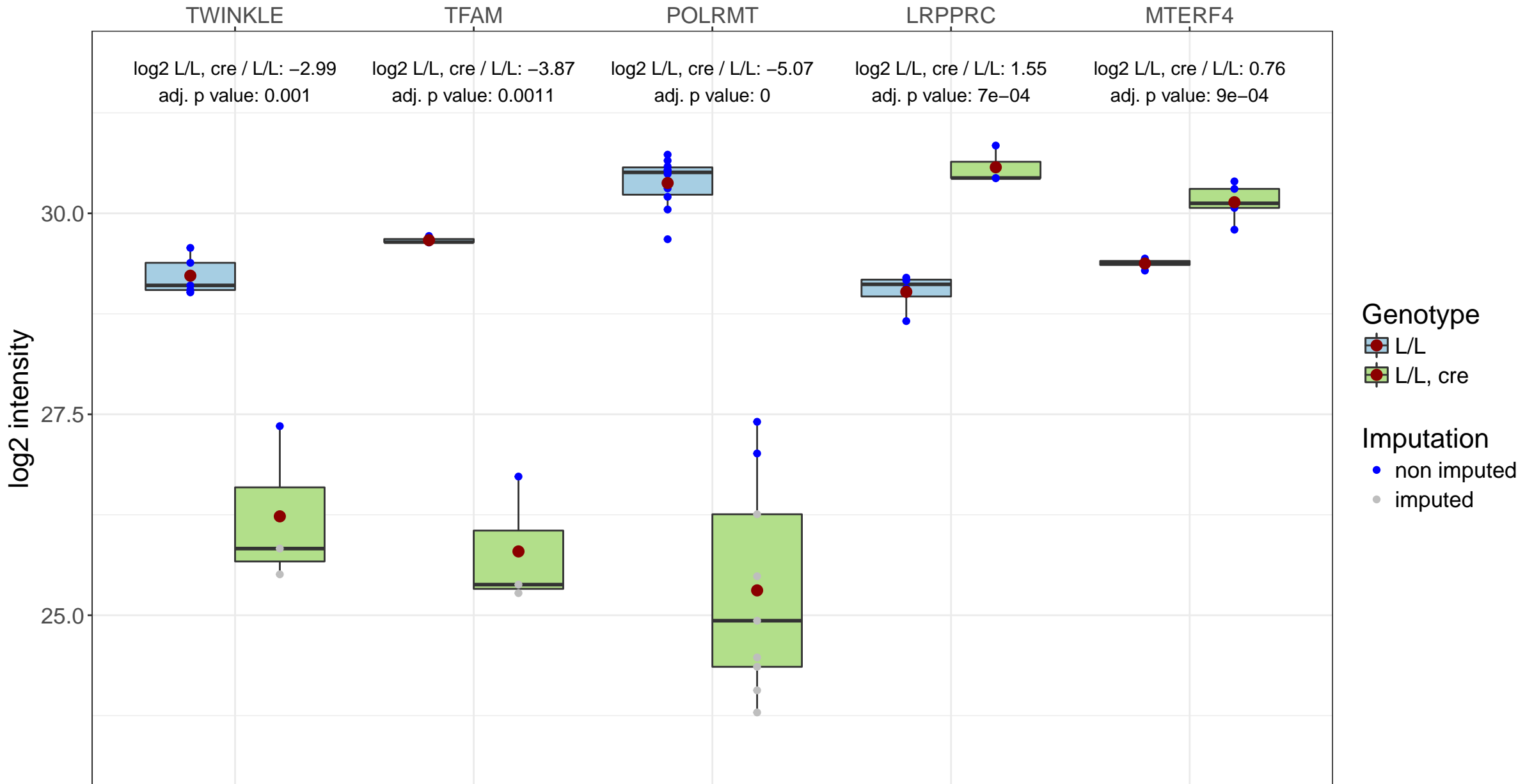
# MRPL13 / Q9D1P0



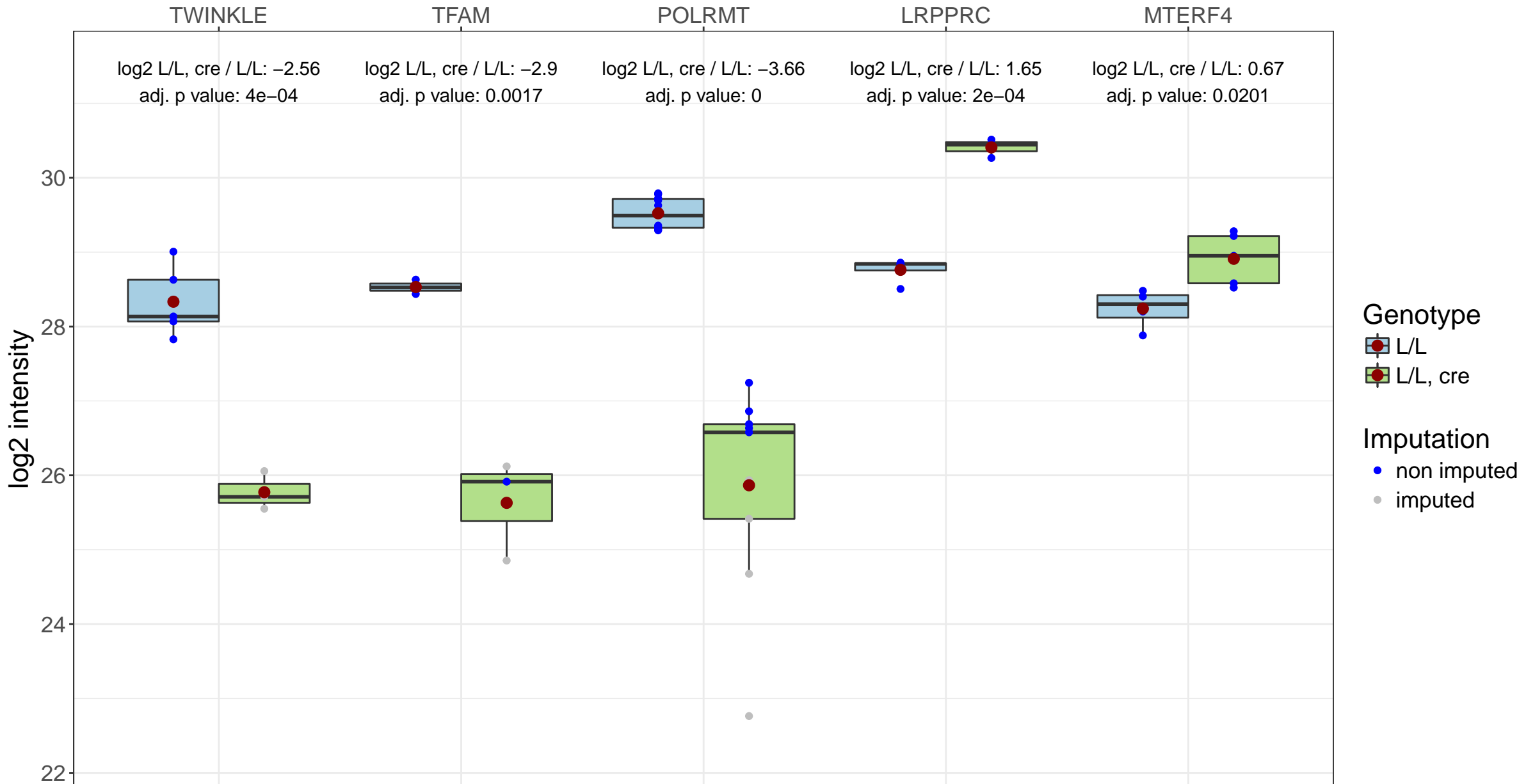
# MRPL14 / Q9D1I6



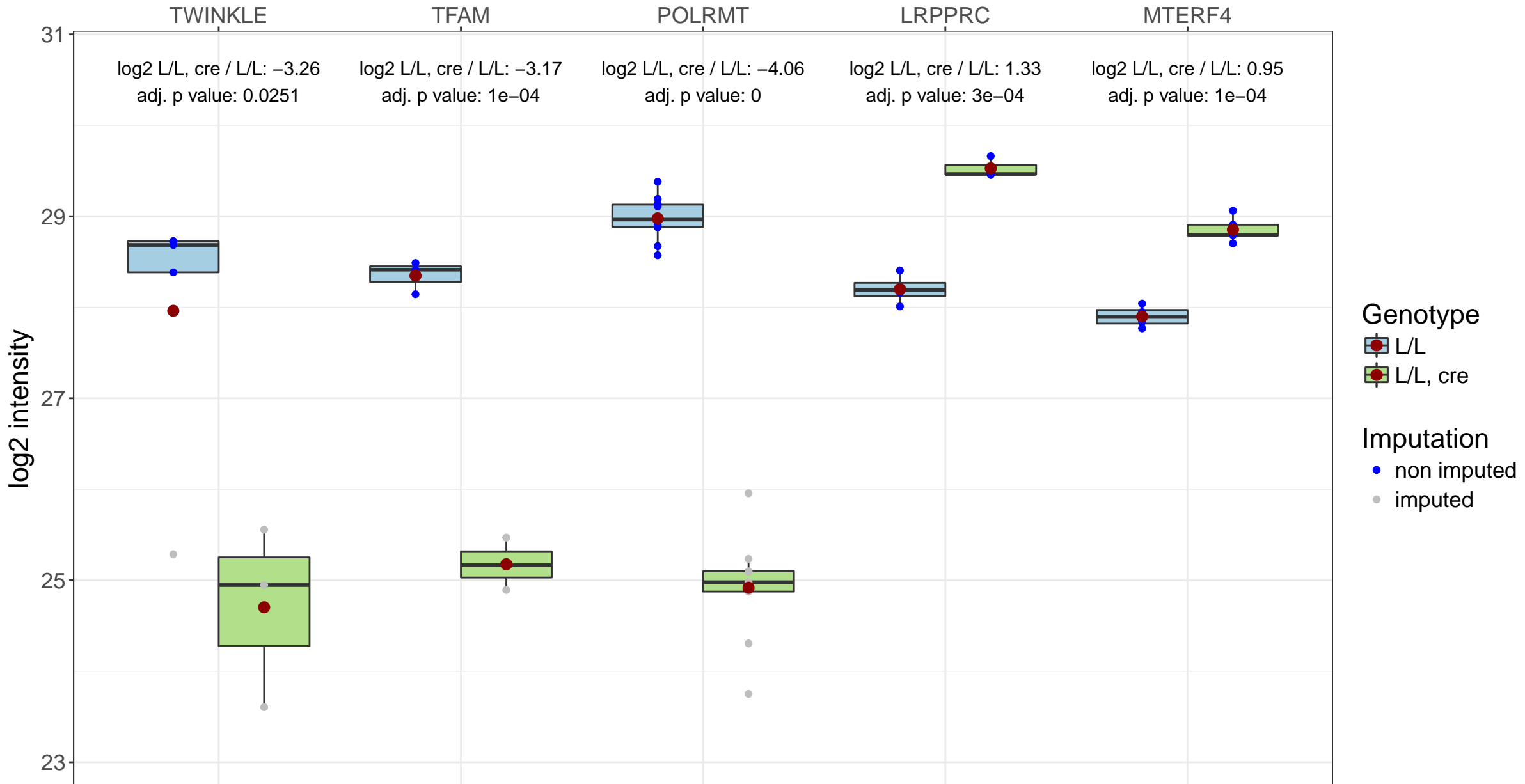
# MRPL15 / Q9CPR5



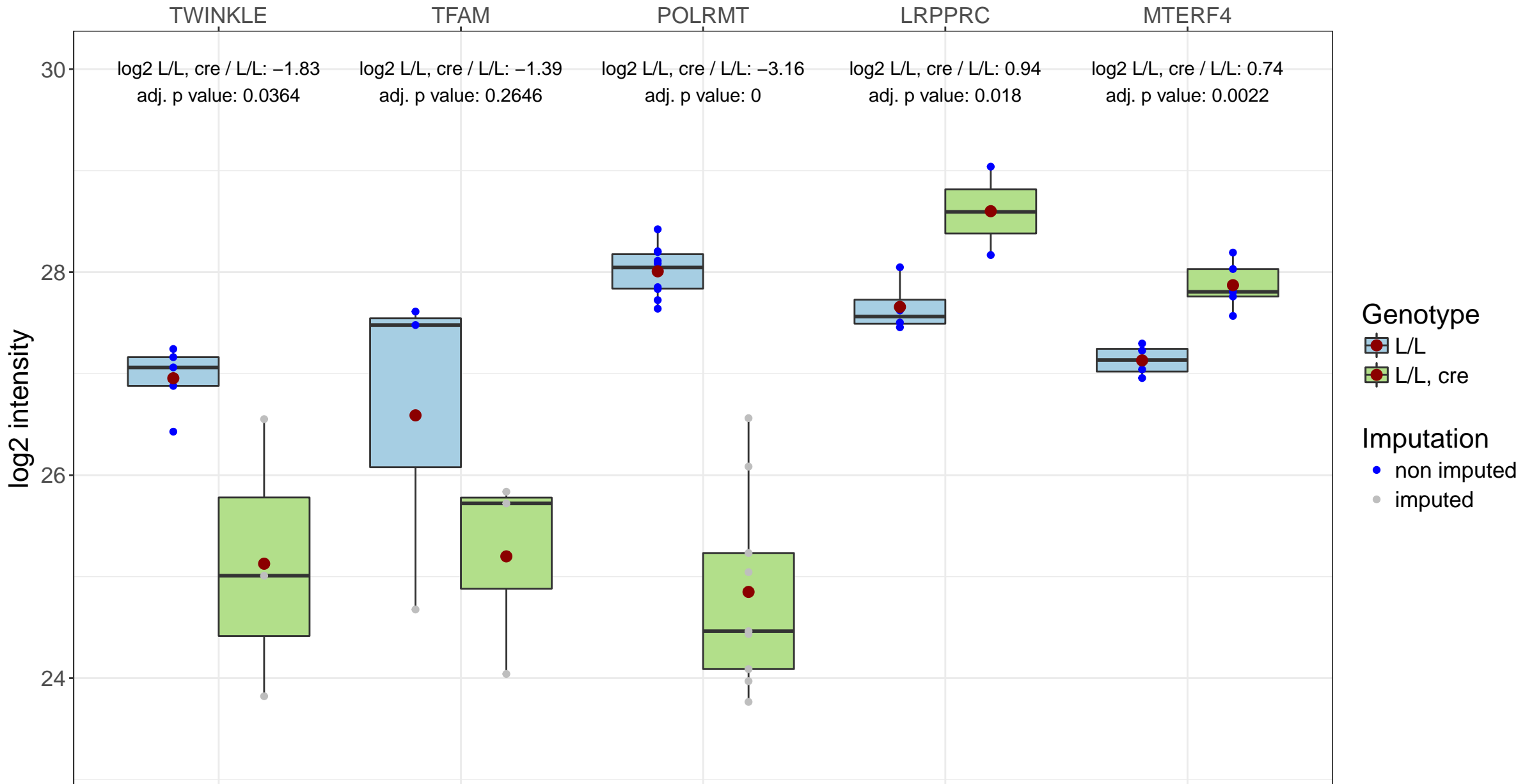
# MRPL16 / Q99N93



# MRPL17 / Q9D8P4

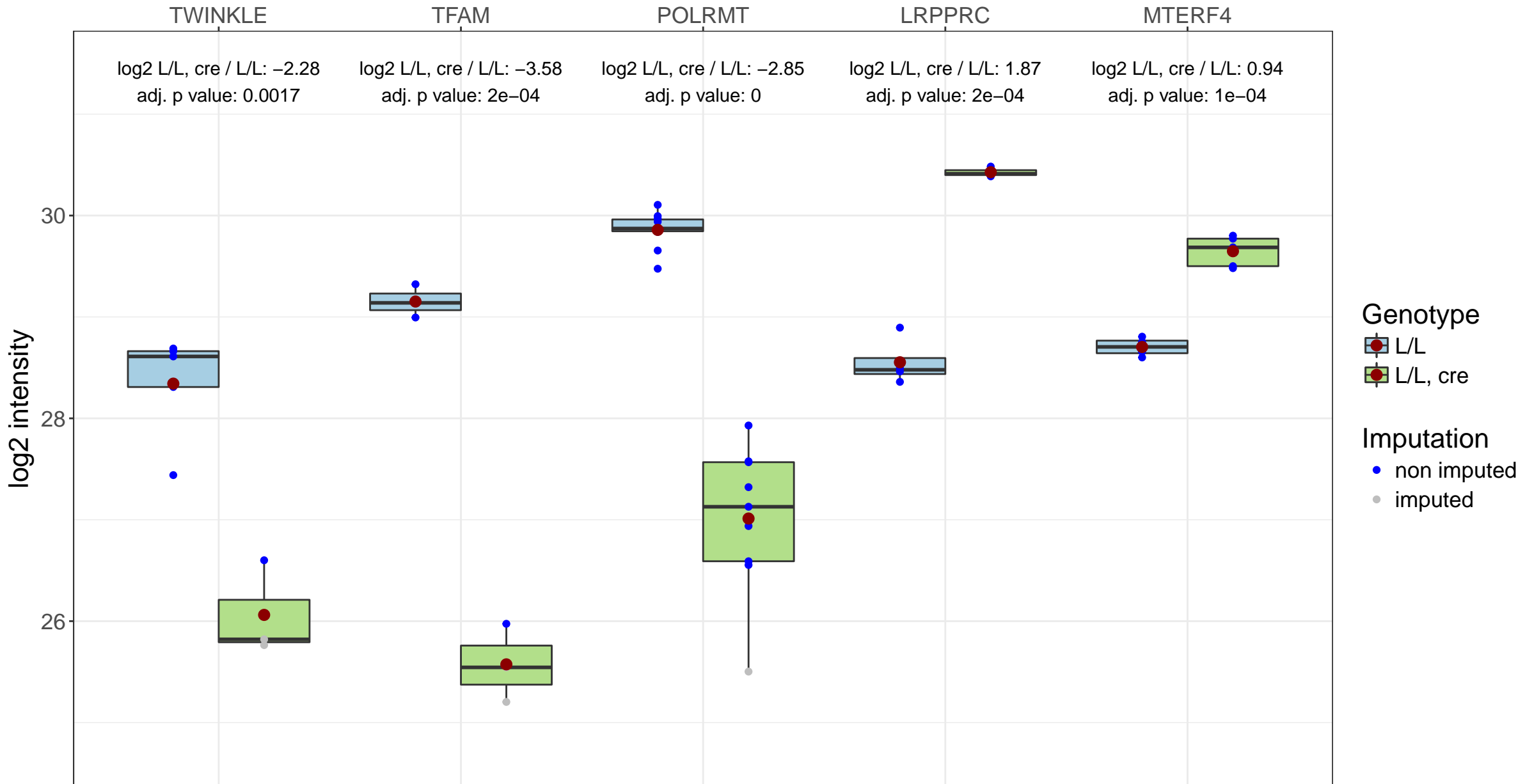


# MRPL18 / Q9CQL5

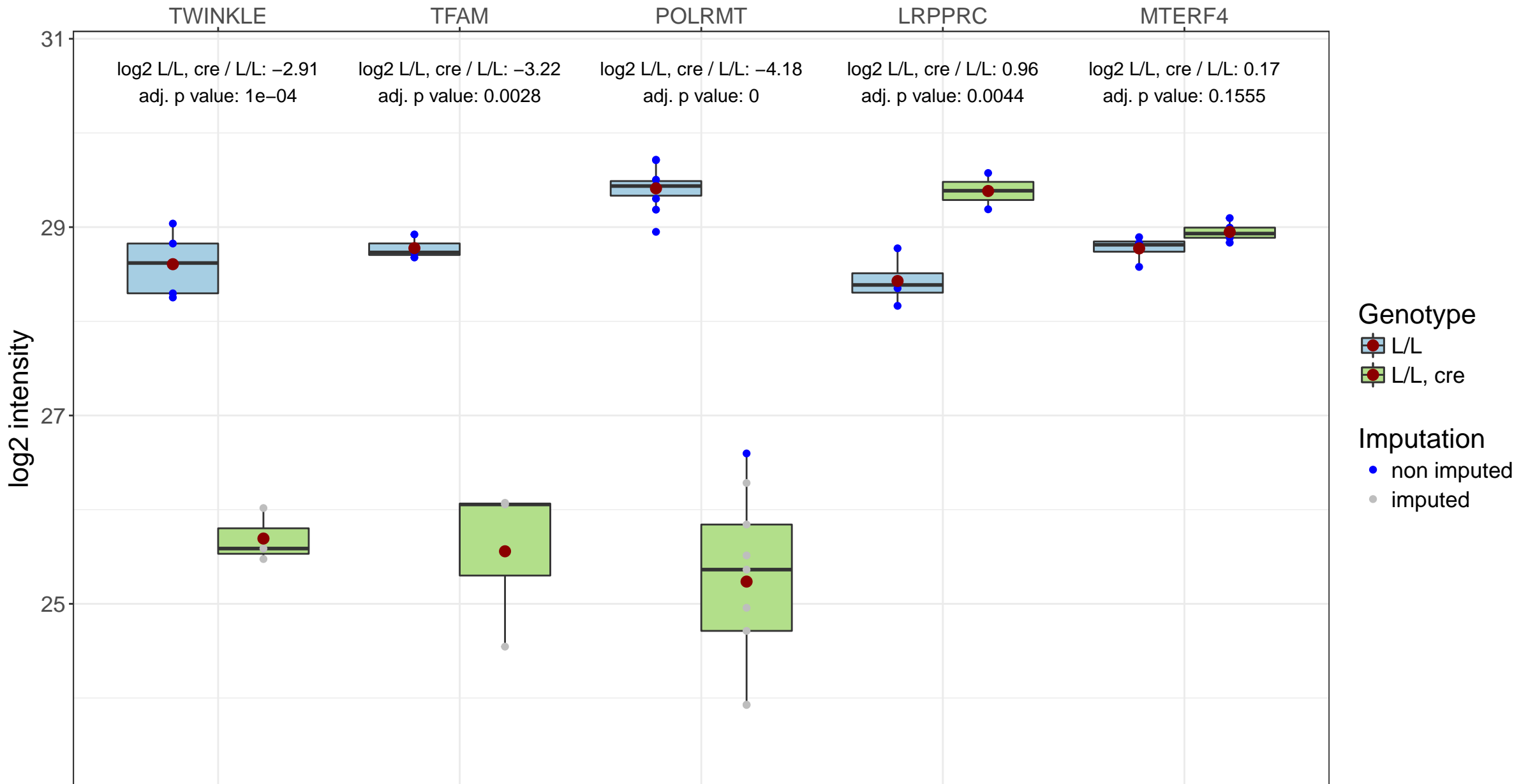




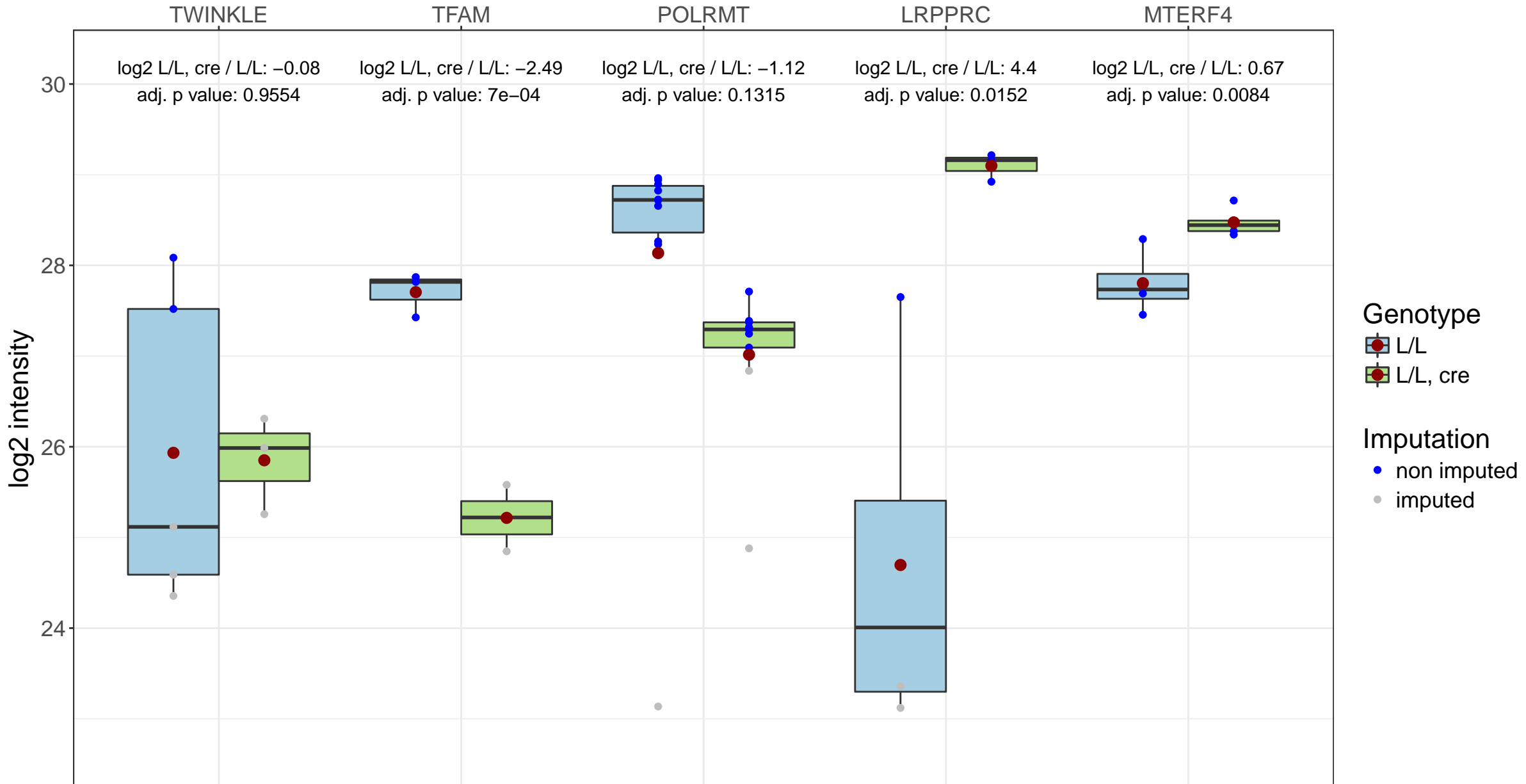
# MRPL19 / Q9D338



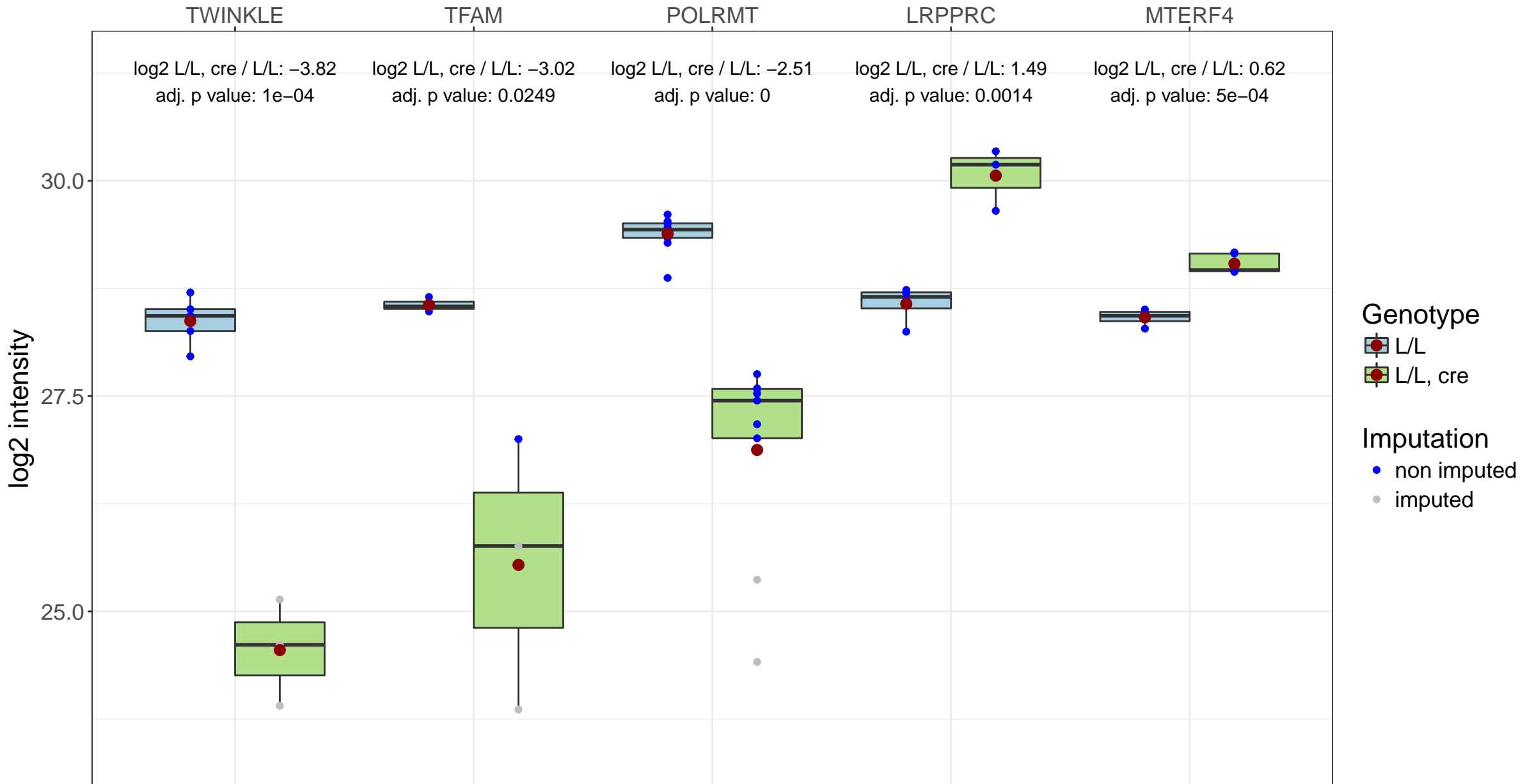
# MRPL2 / B1B1D8



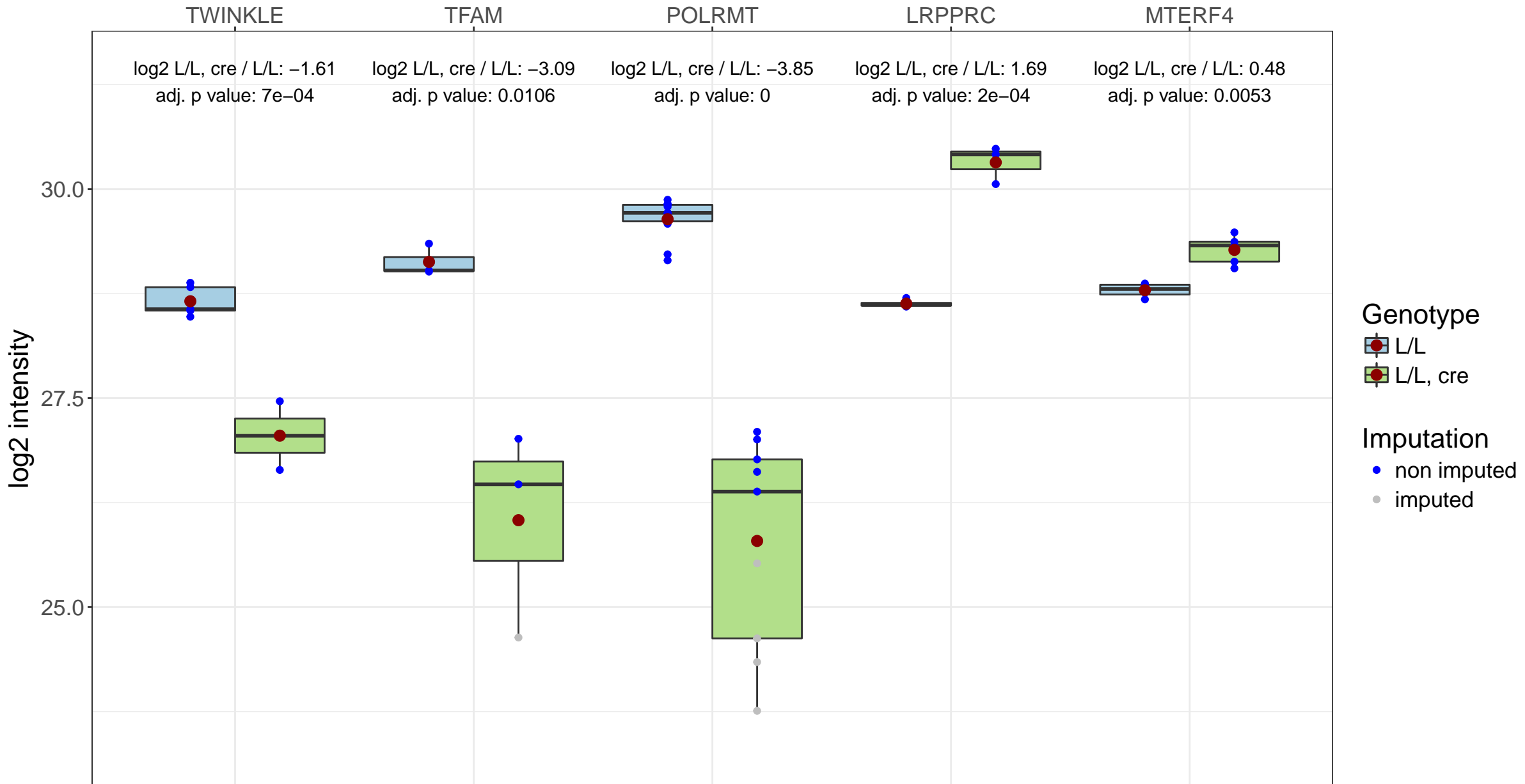
# MRPL20 / V9GX17



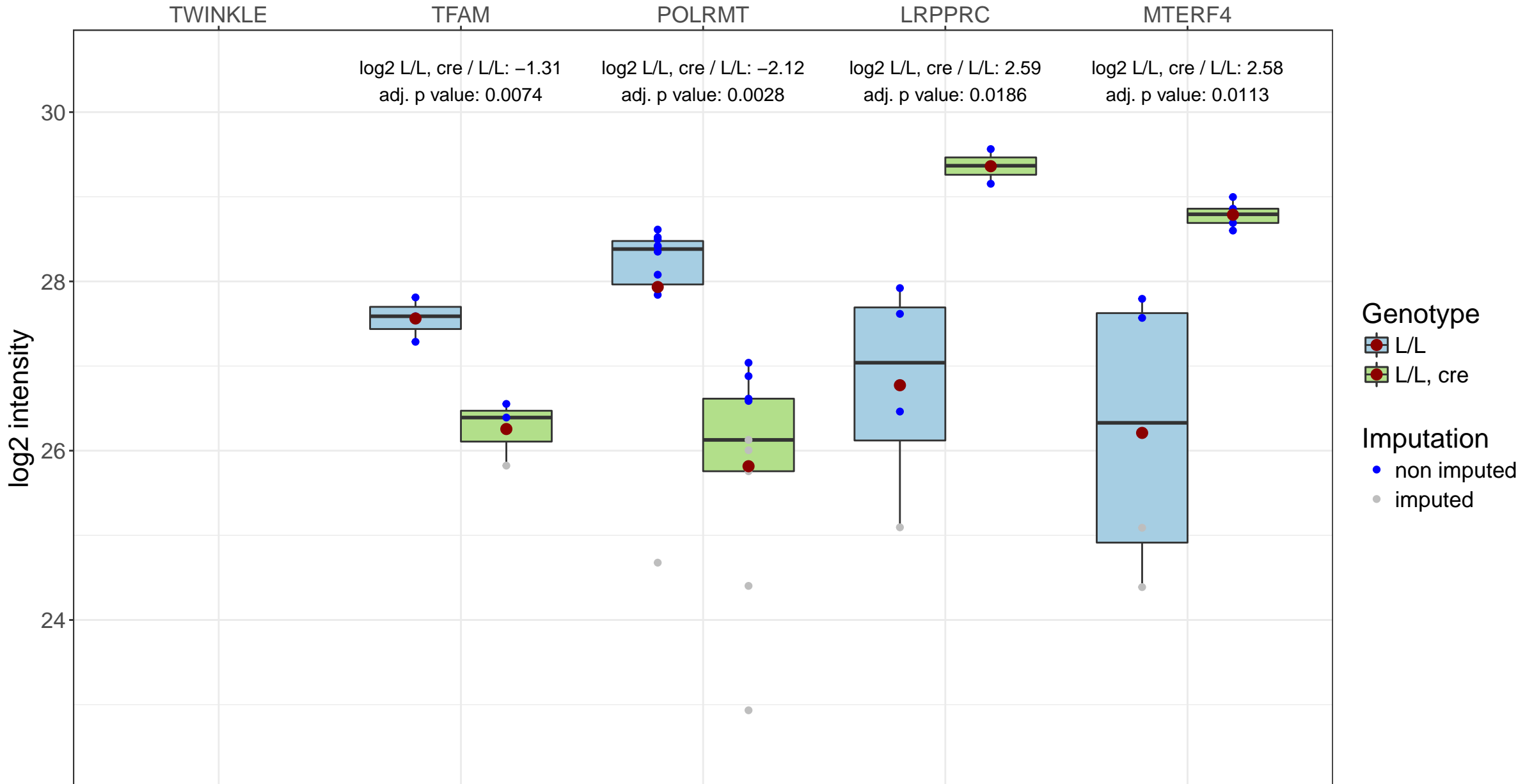
# MRPL21 / Q9D1N9



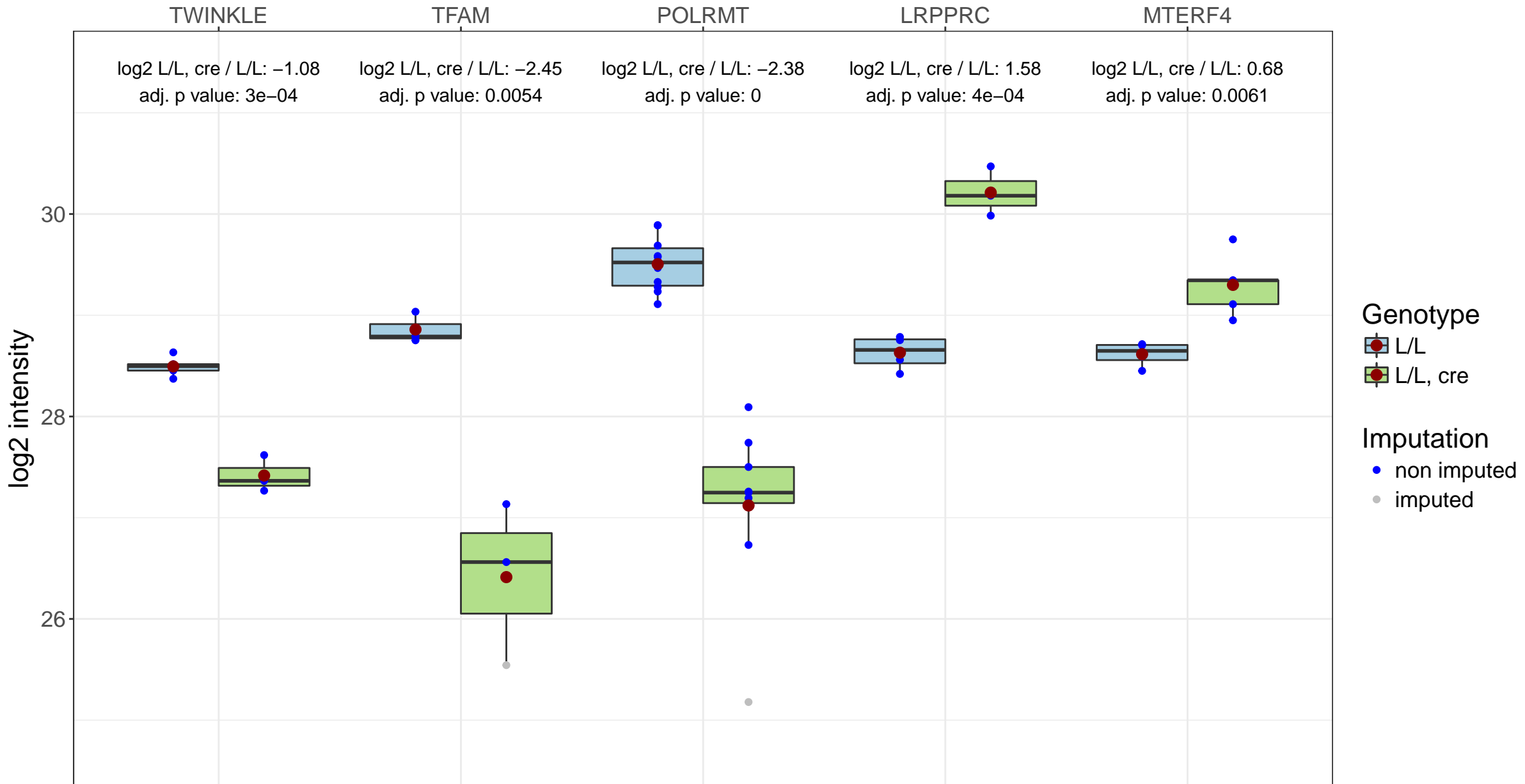
# MRPL22 / Q8BU88



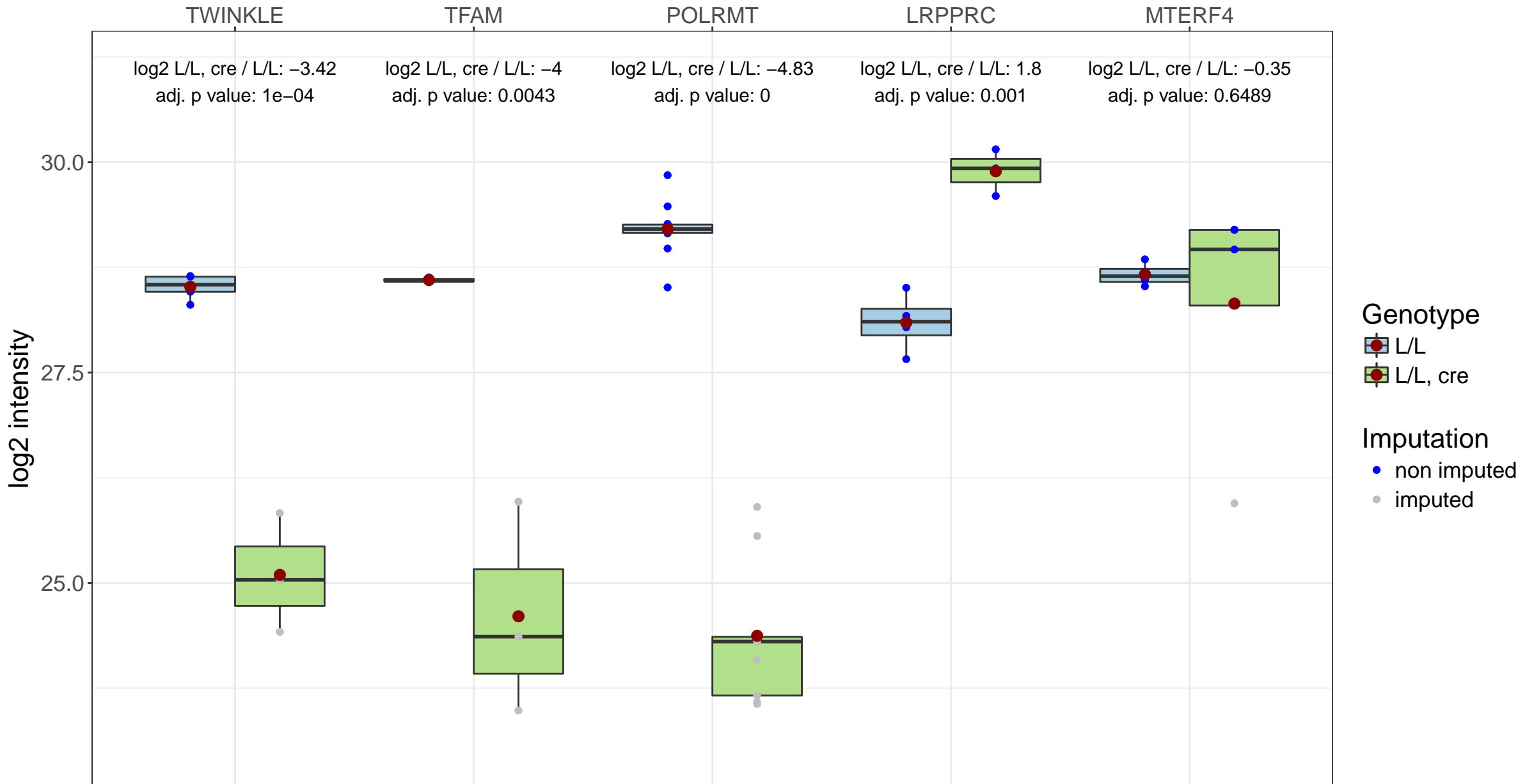
# MRPL23 / O35972



# MRPL24 / Q9CQ06

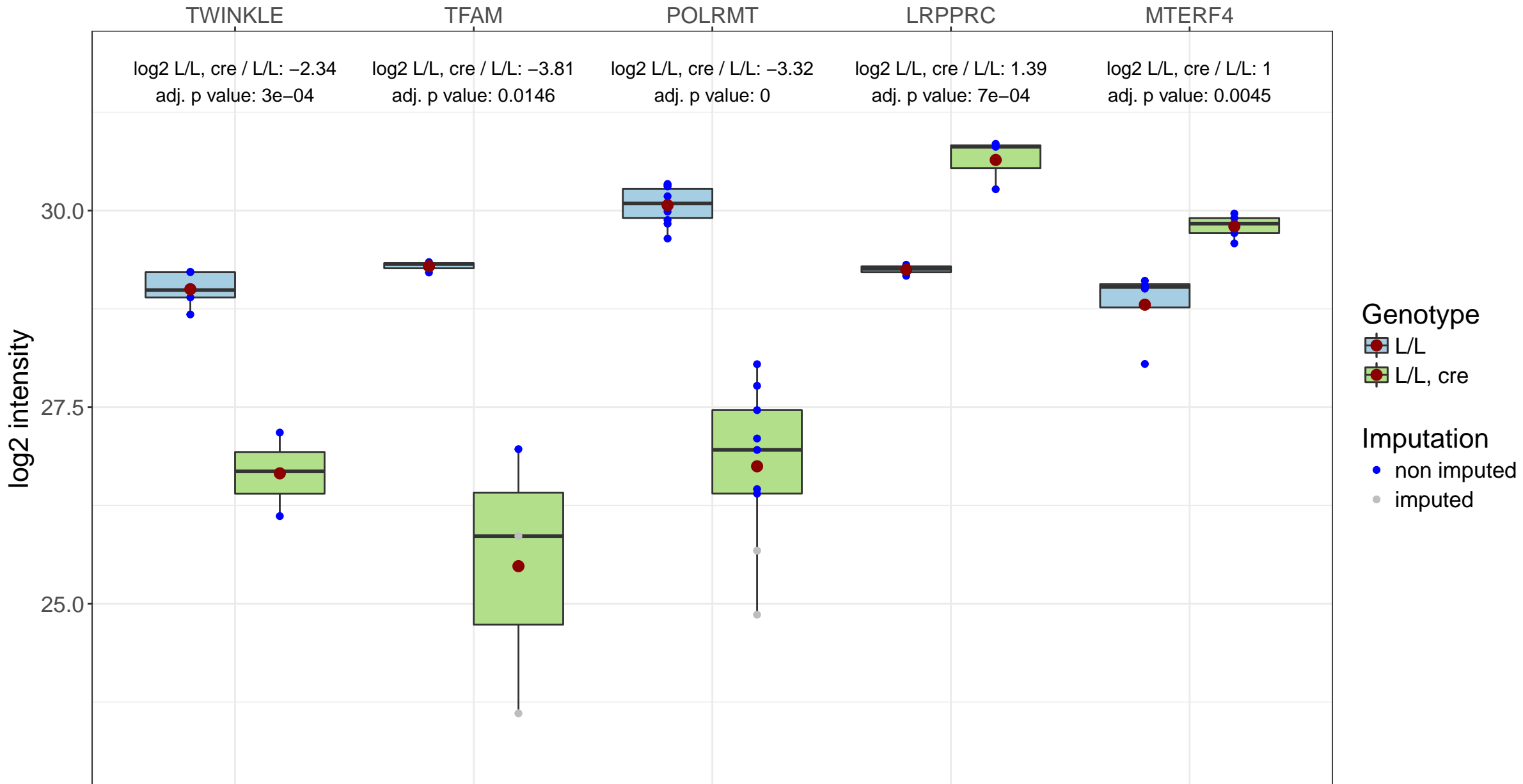


# MRPL27 / Q99N92

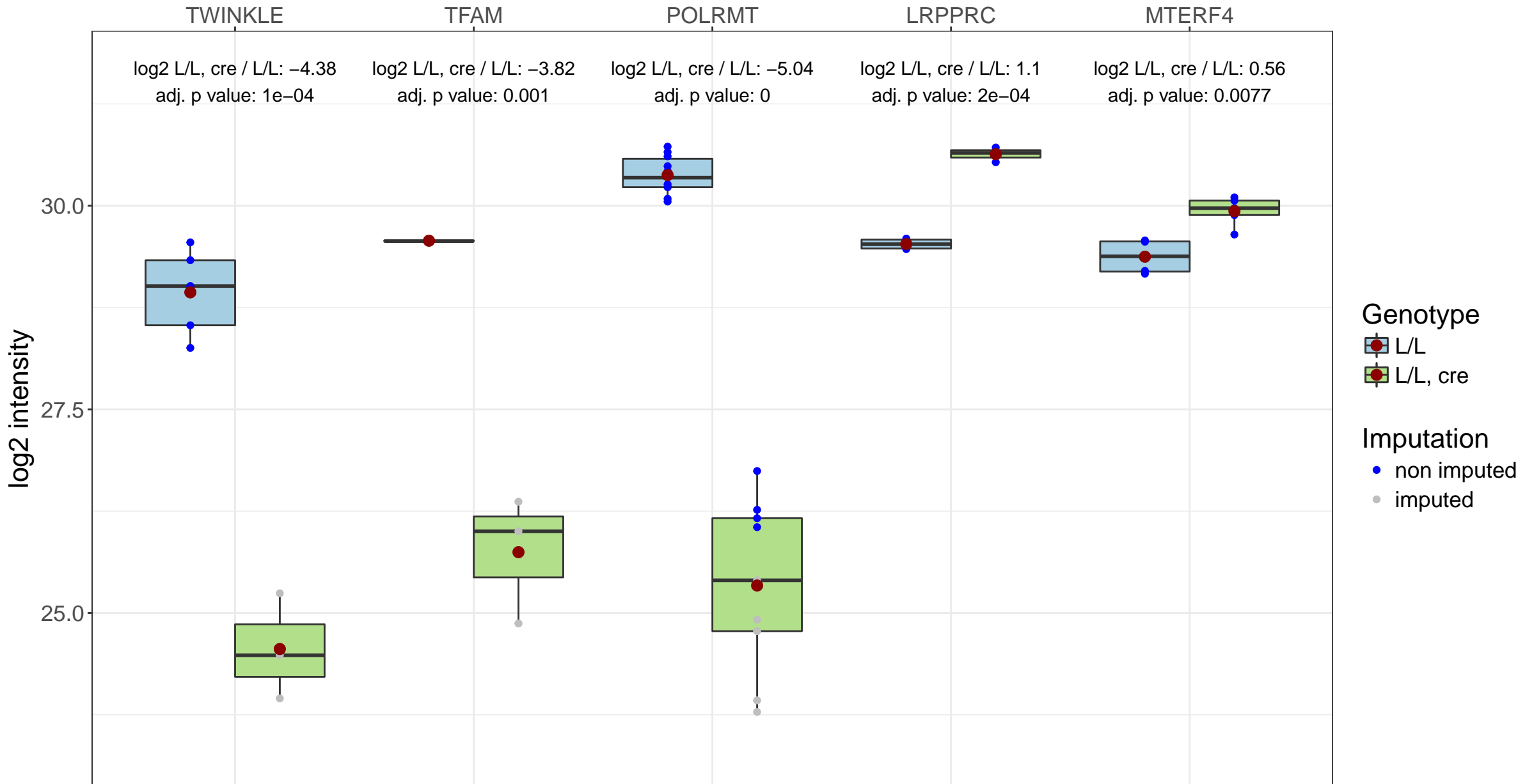




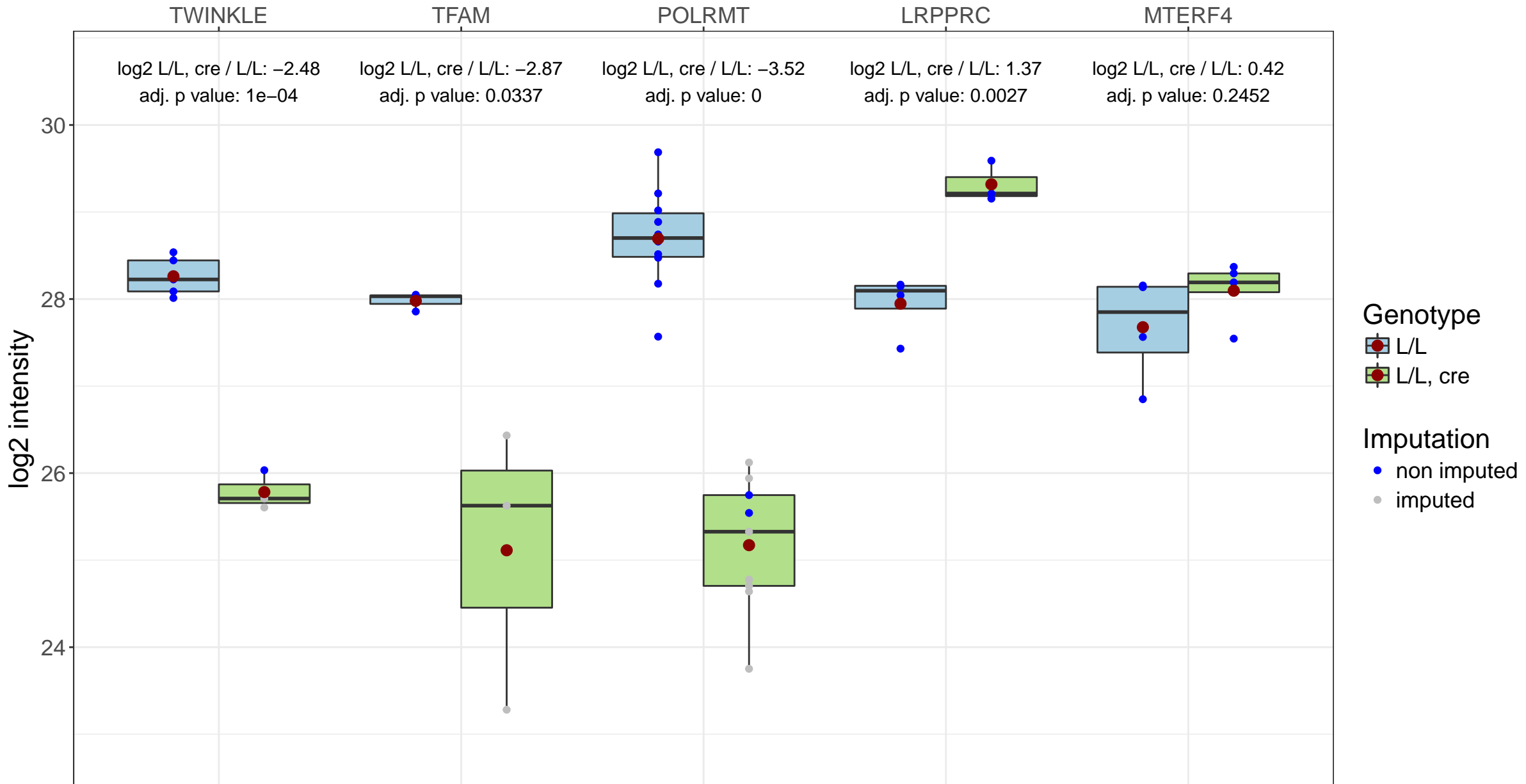
# MRPL28 / Q9D1B9



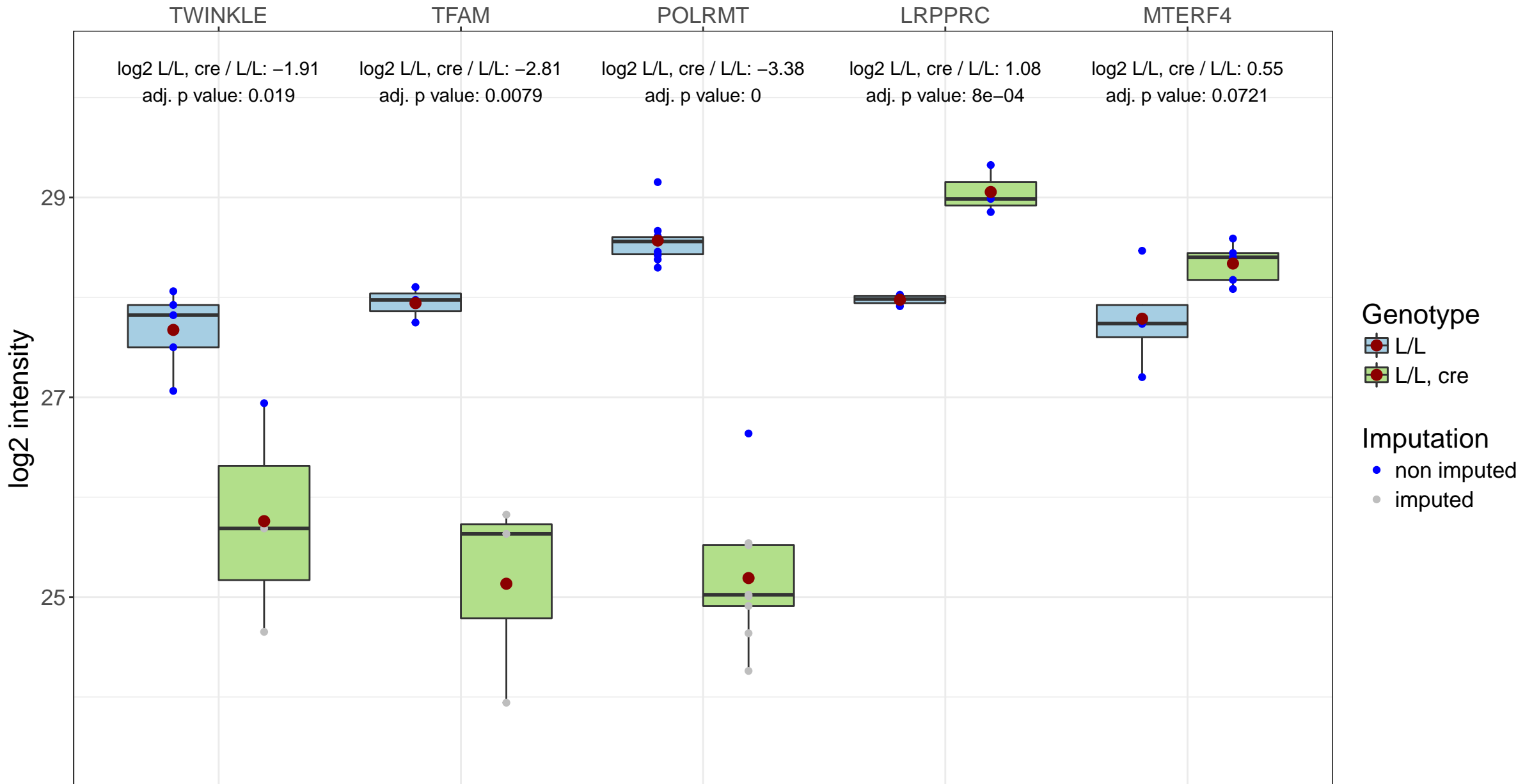
# MRPL3 / Q99N95



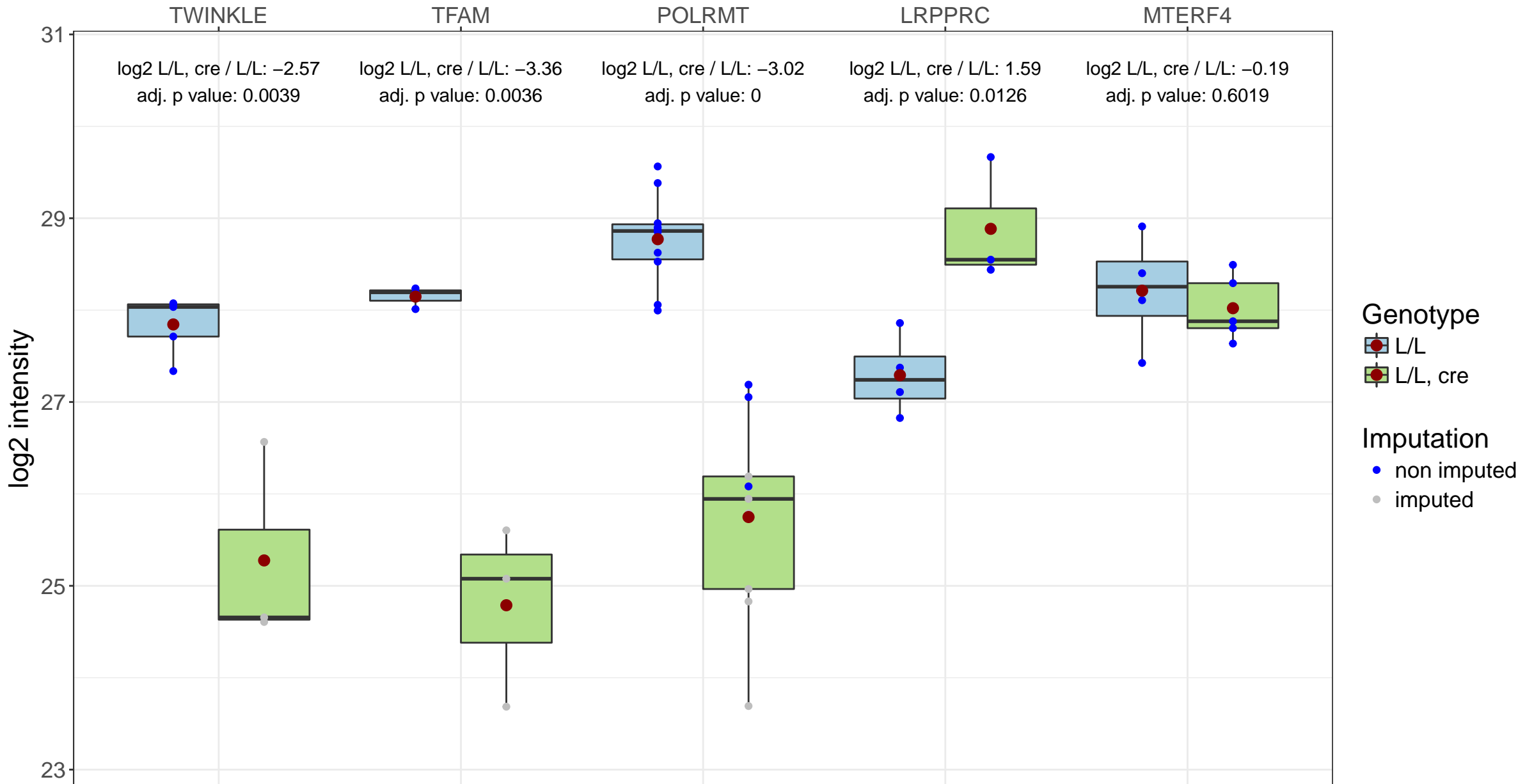
# MRPL30 / Q9D7N6



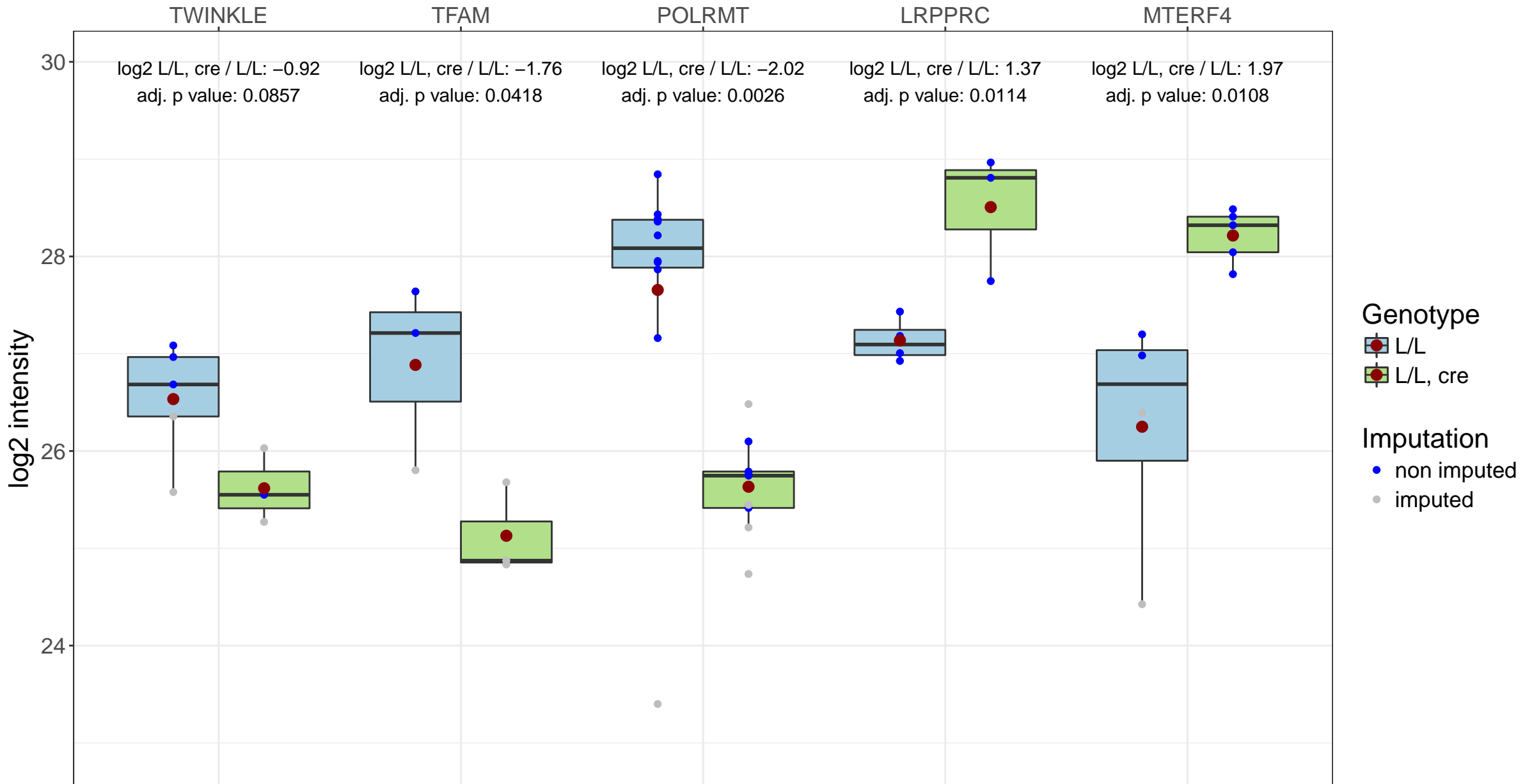
# MRPL32 / Q9DCI9



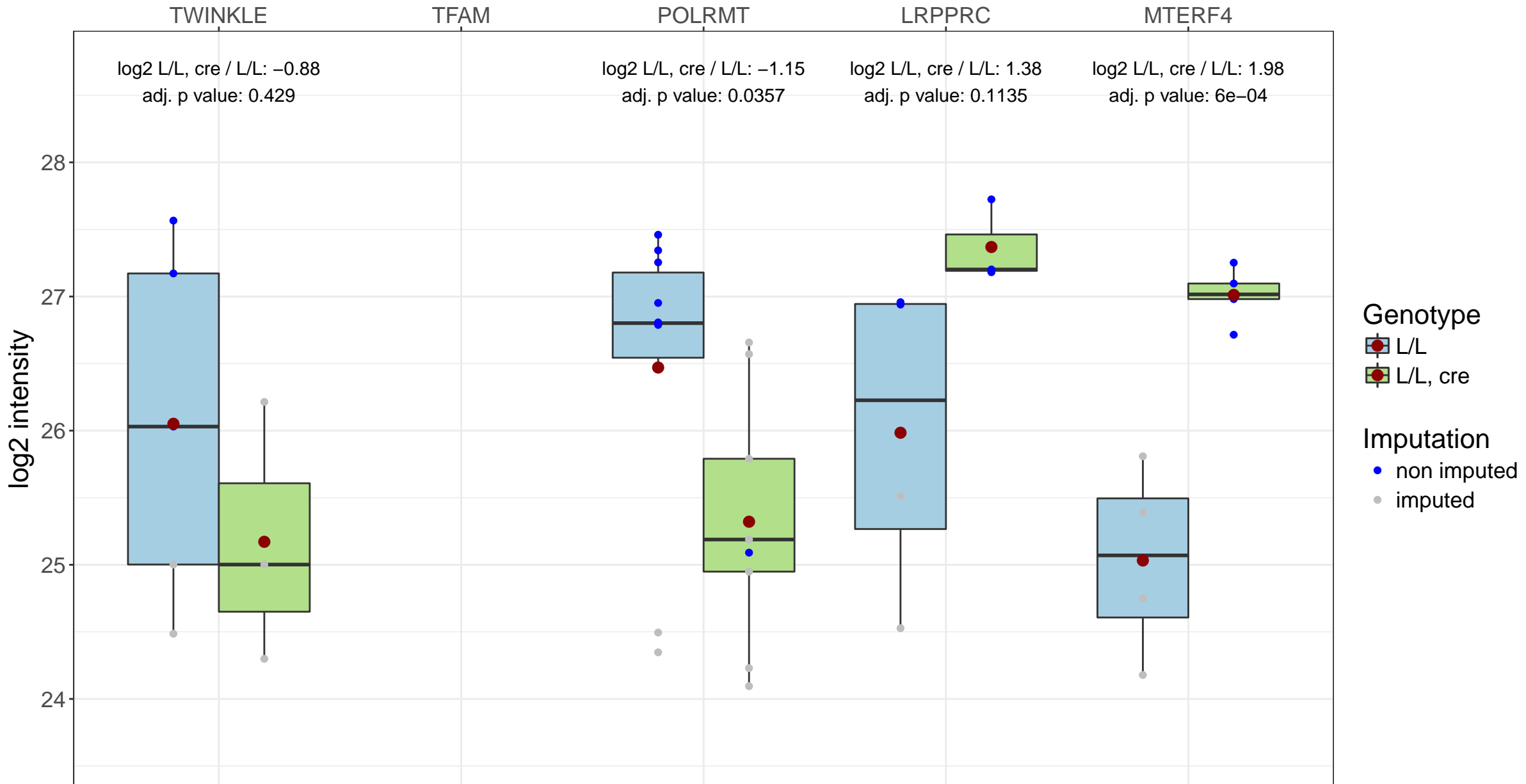
# MRPL33 / Q9CQP0



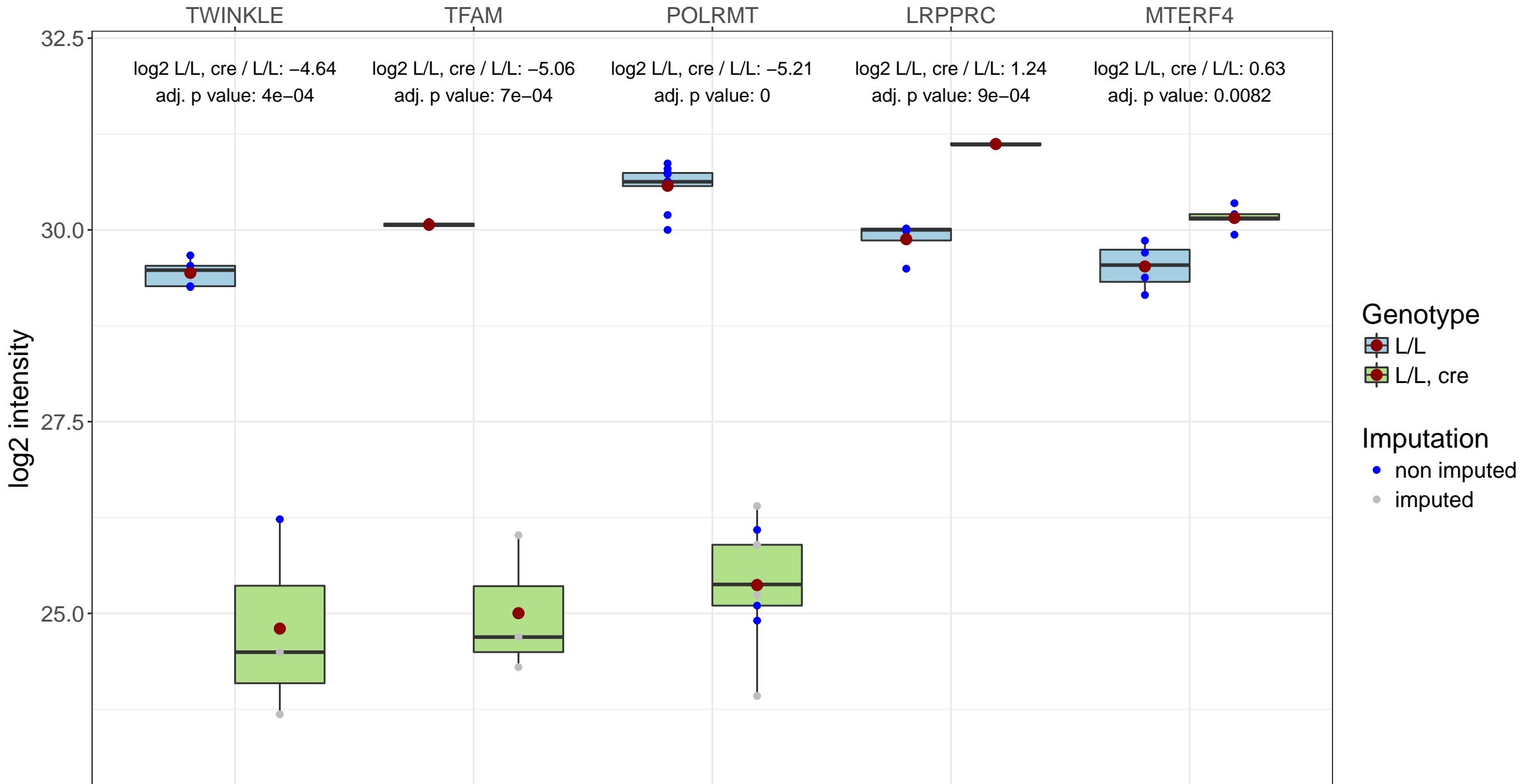
# MRPL34 / Q99N91



# MRPL35 / Q9CQL6

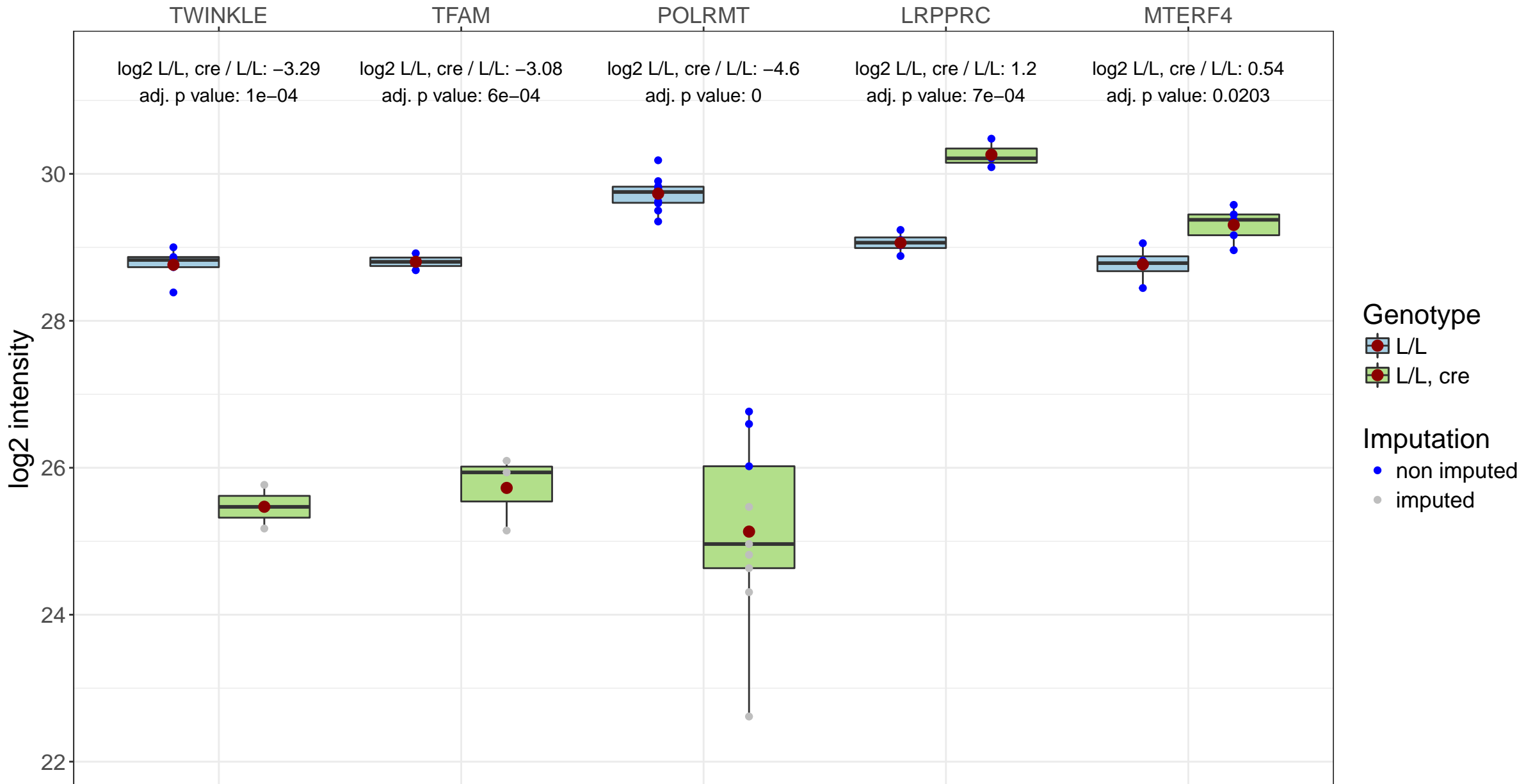


# MRPL37 / Q921S7

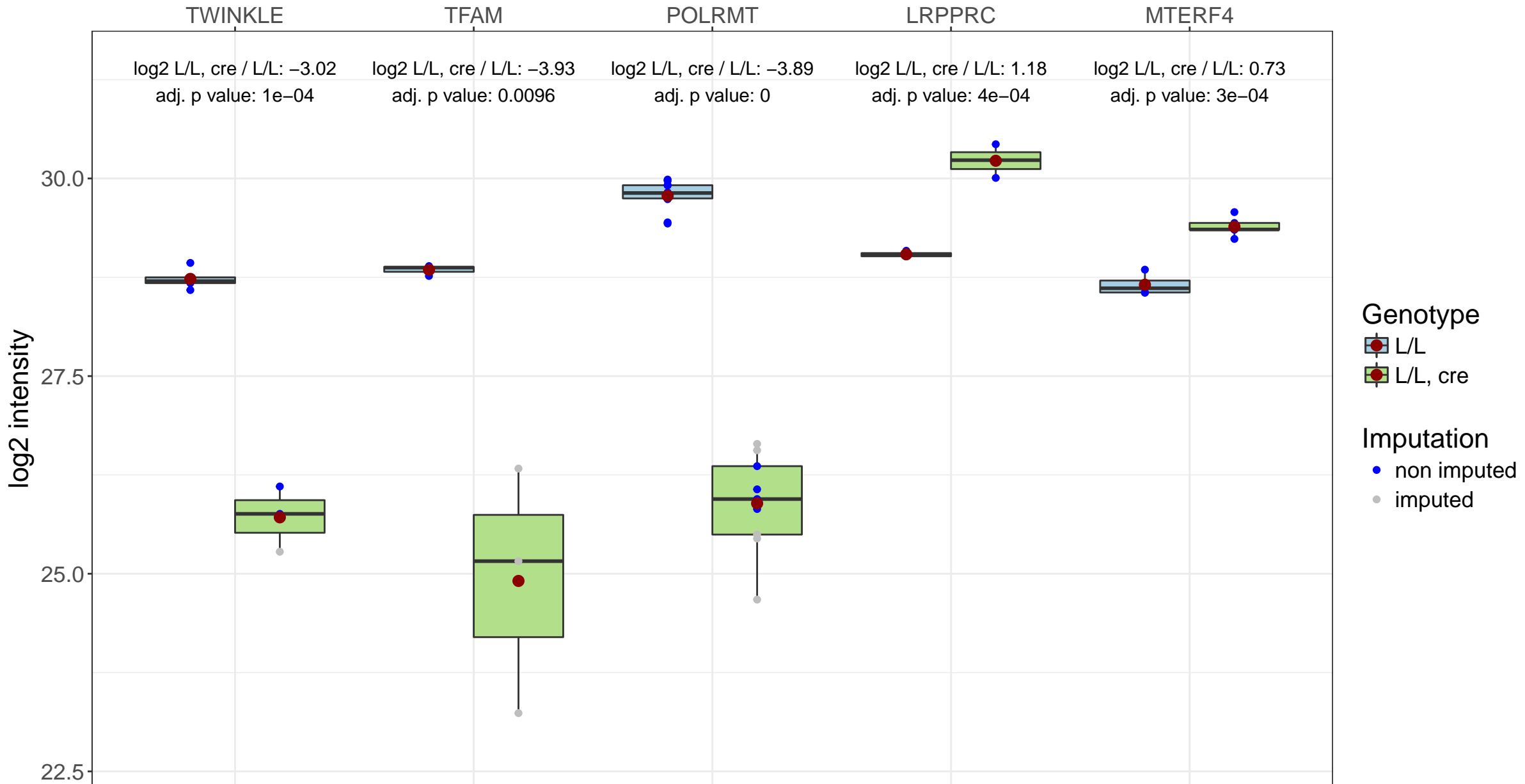




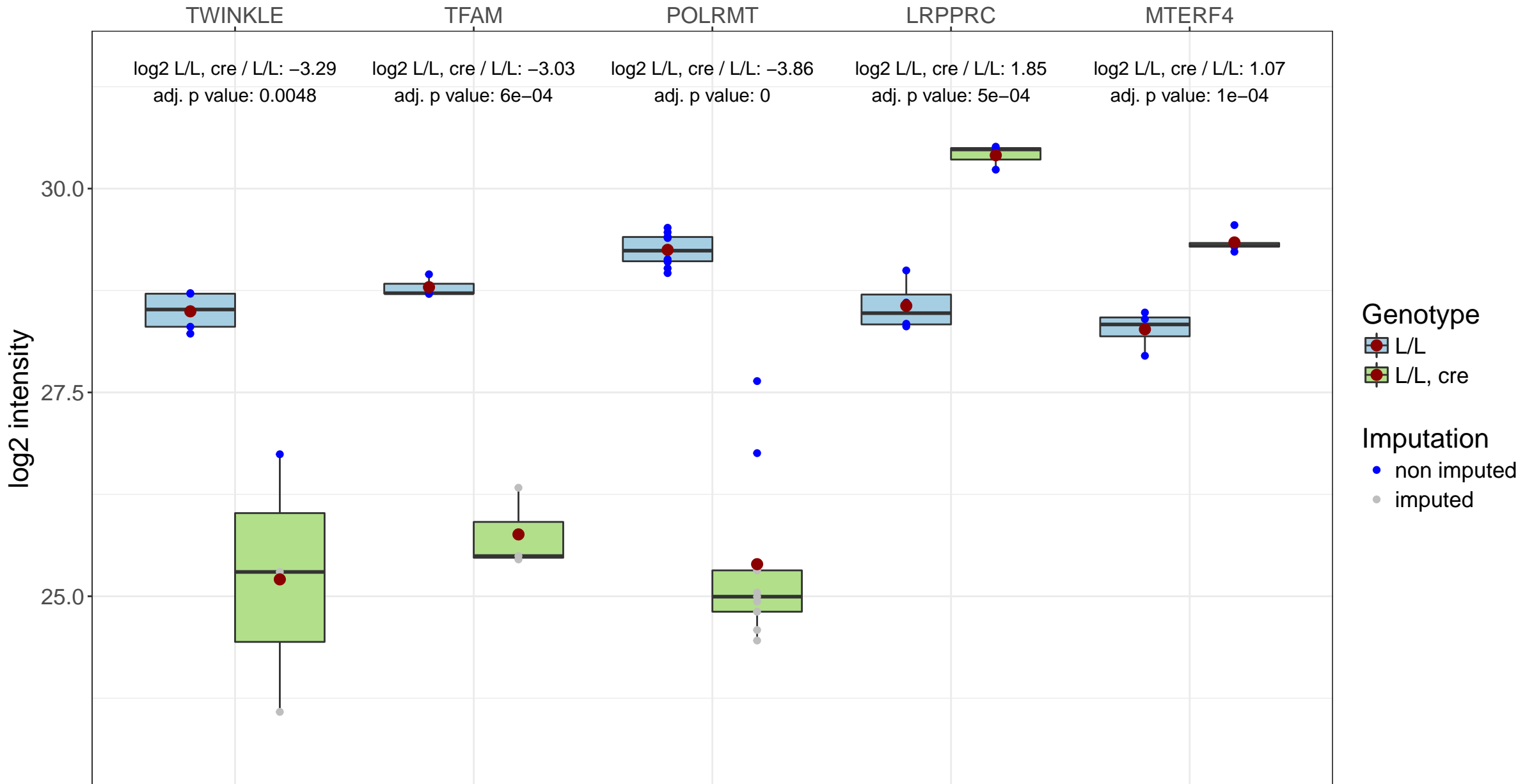
# MRPL38 / Q8K2M0



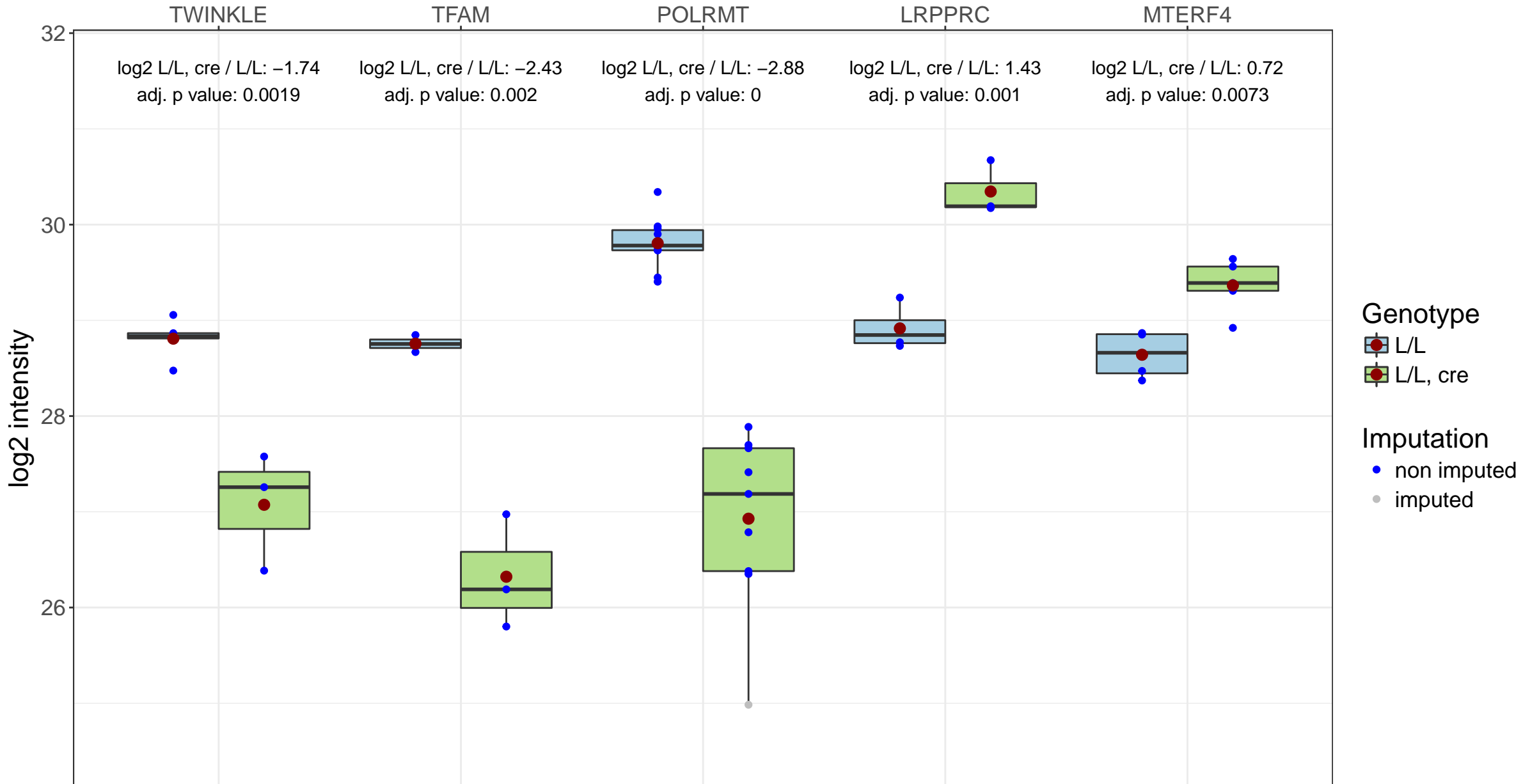
# MRPL39 / Q9JKF7



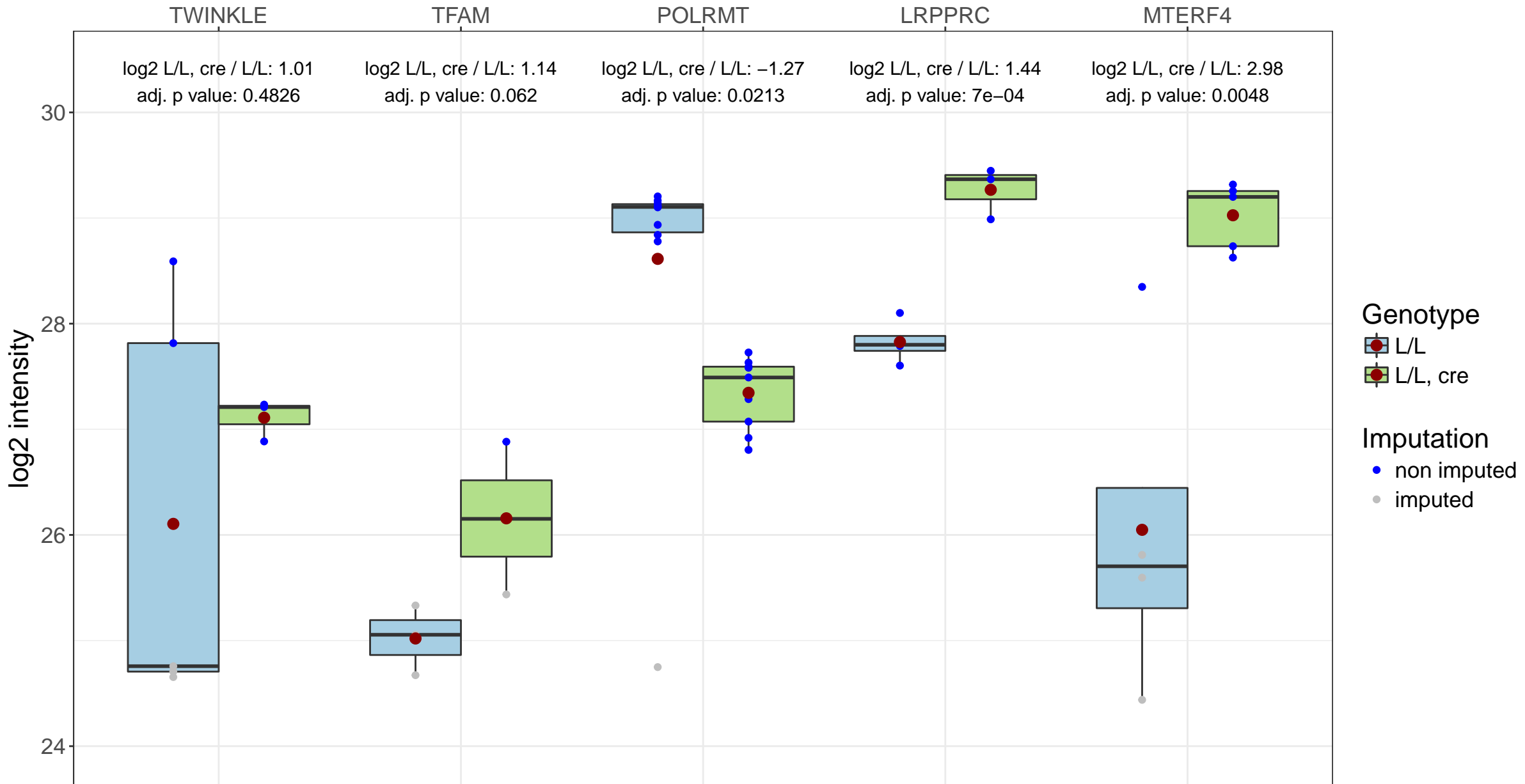
# MRPL4 / Q9DCU6



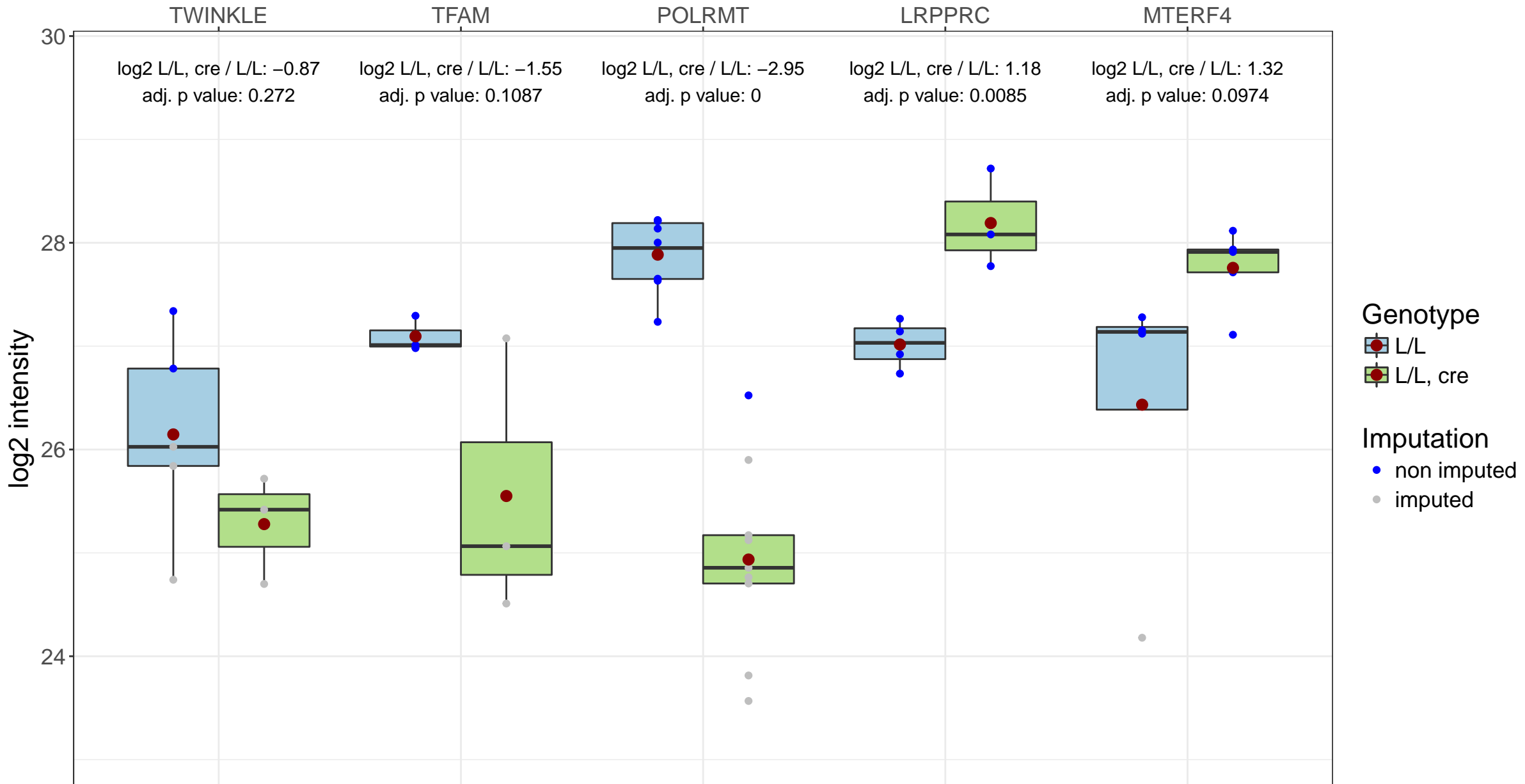
# MRPL40 / D3Z7C0



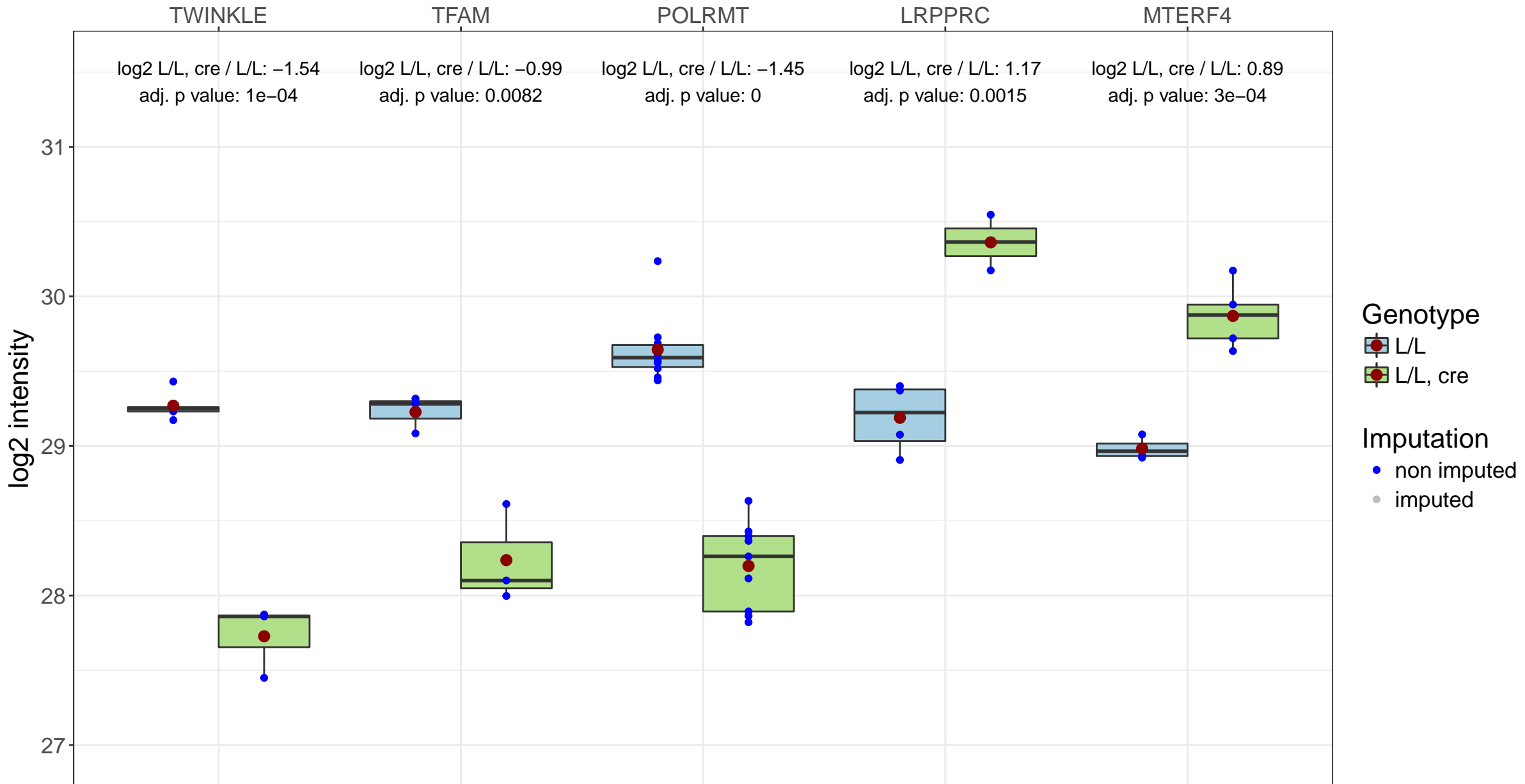
# MRPL41 / Q9CQN7



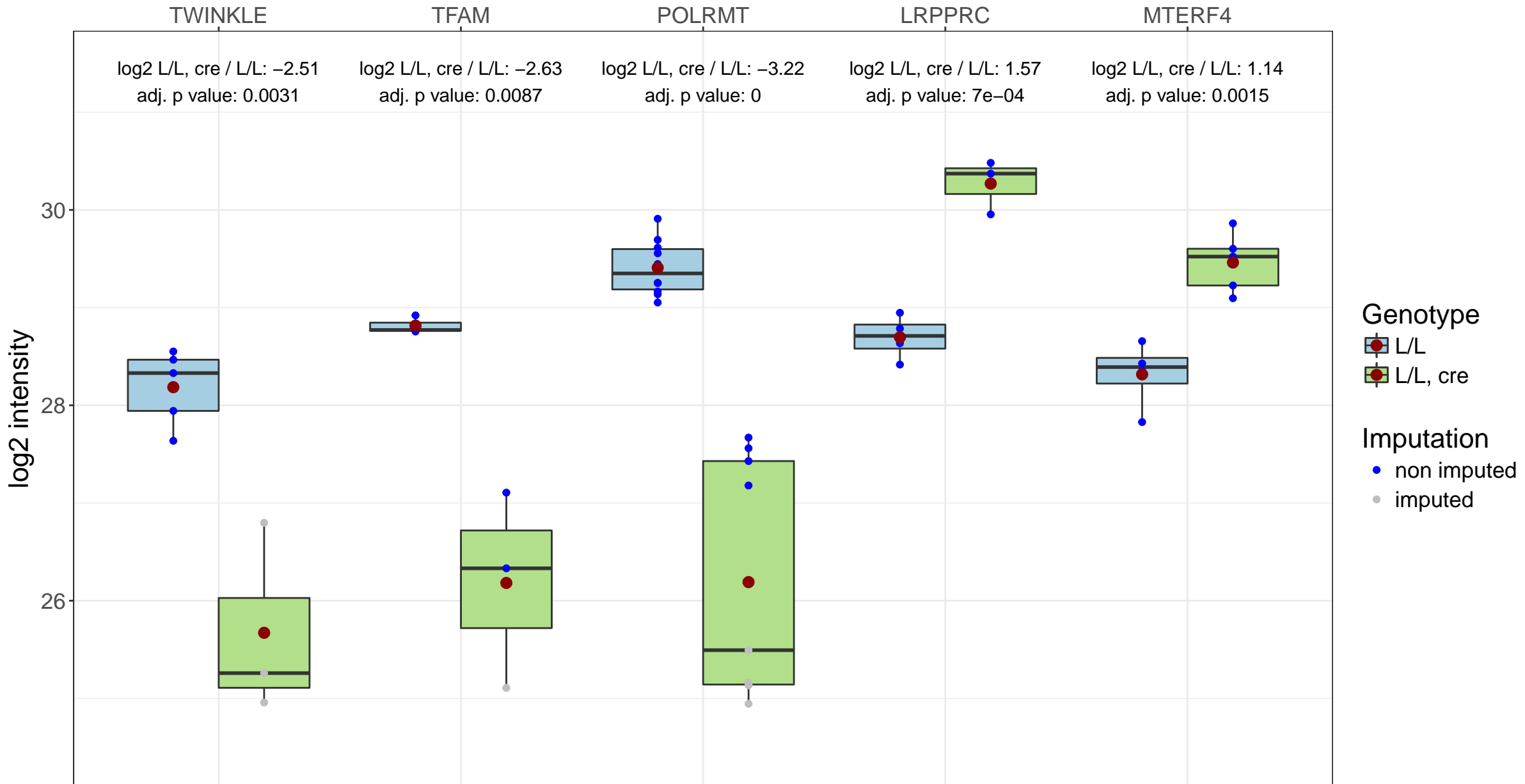
# MRPL42 / Q9CPV3



# MRPL43 / Q5RL20

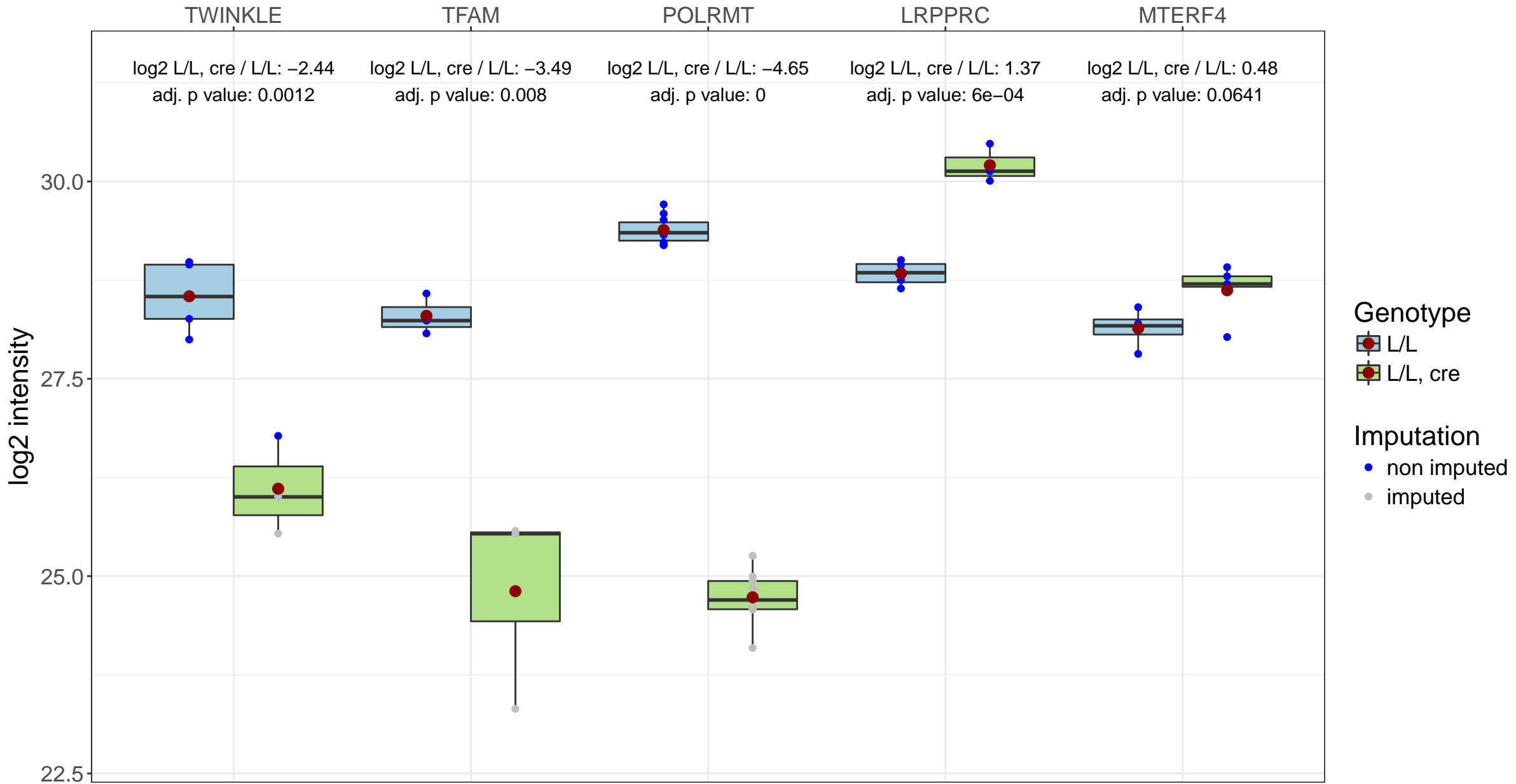


# MRPL44 / Q9CY73

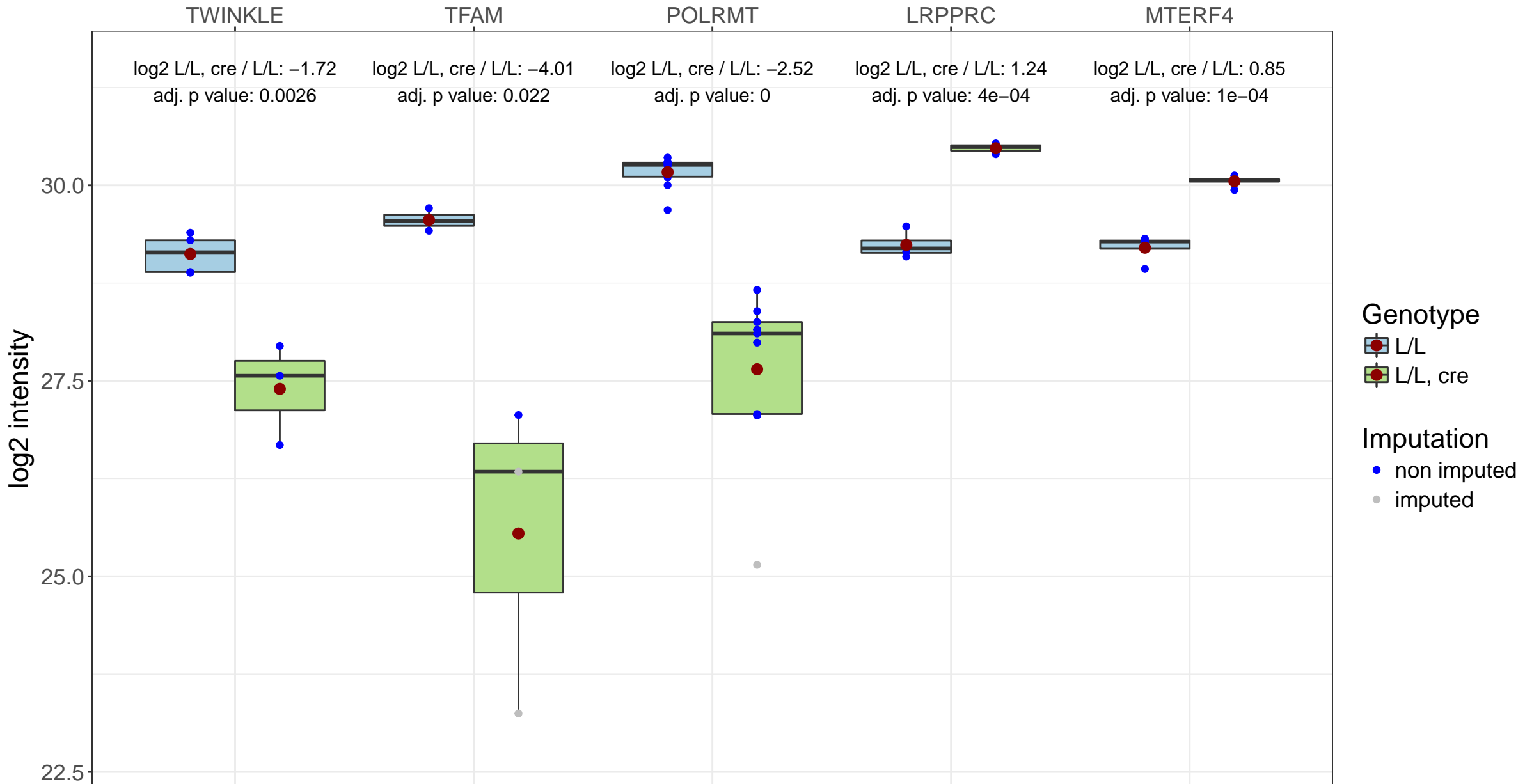




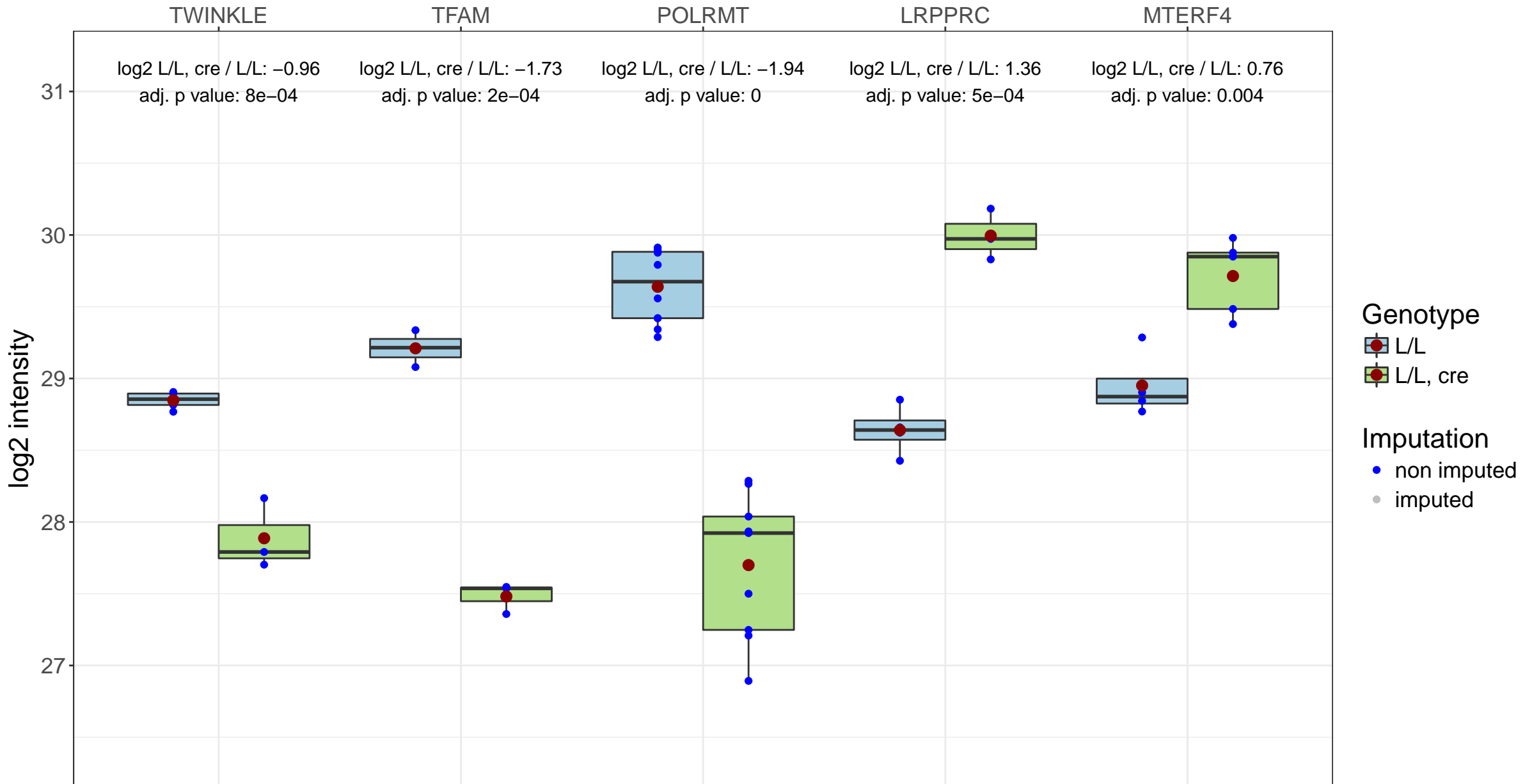
# MRPL45 / Q9D0Q7



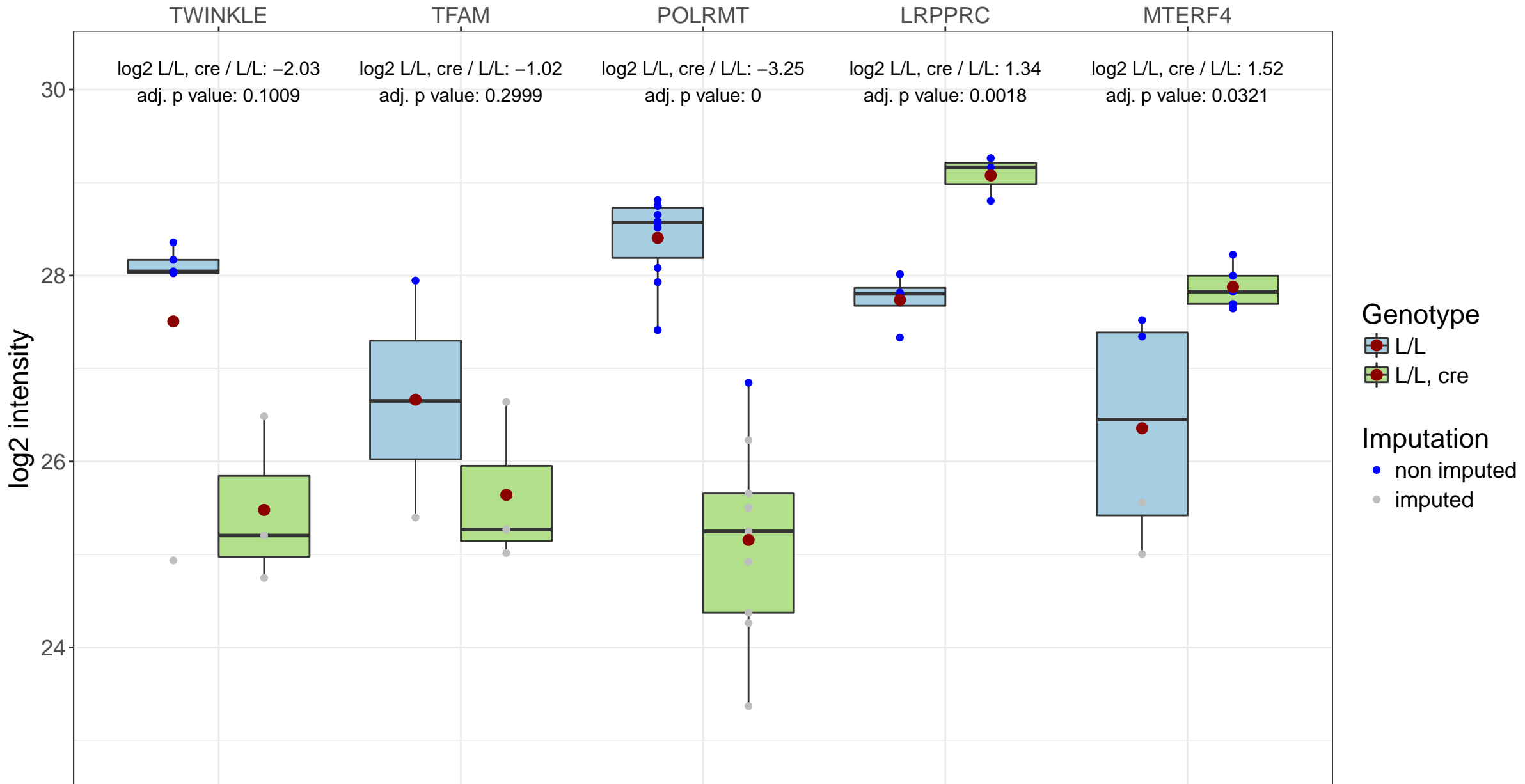
# MRPL46 / Q9EQI8



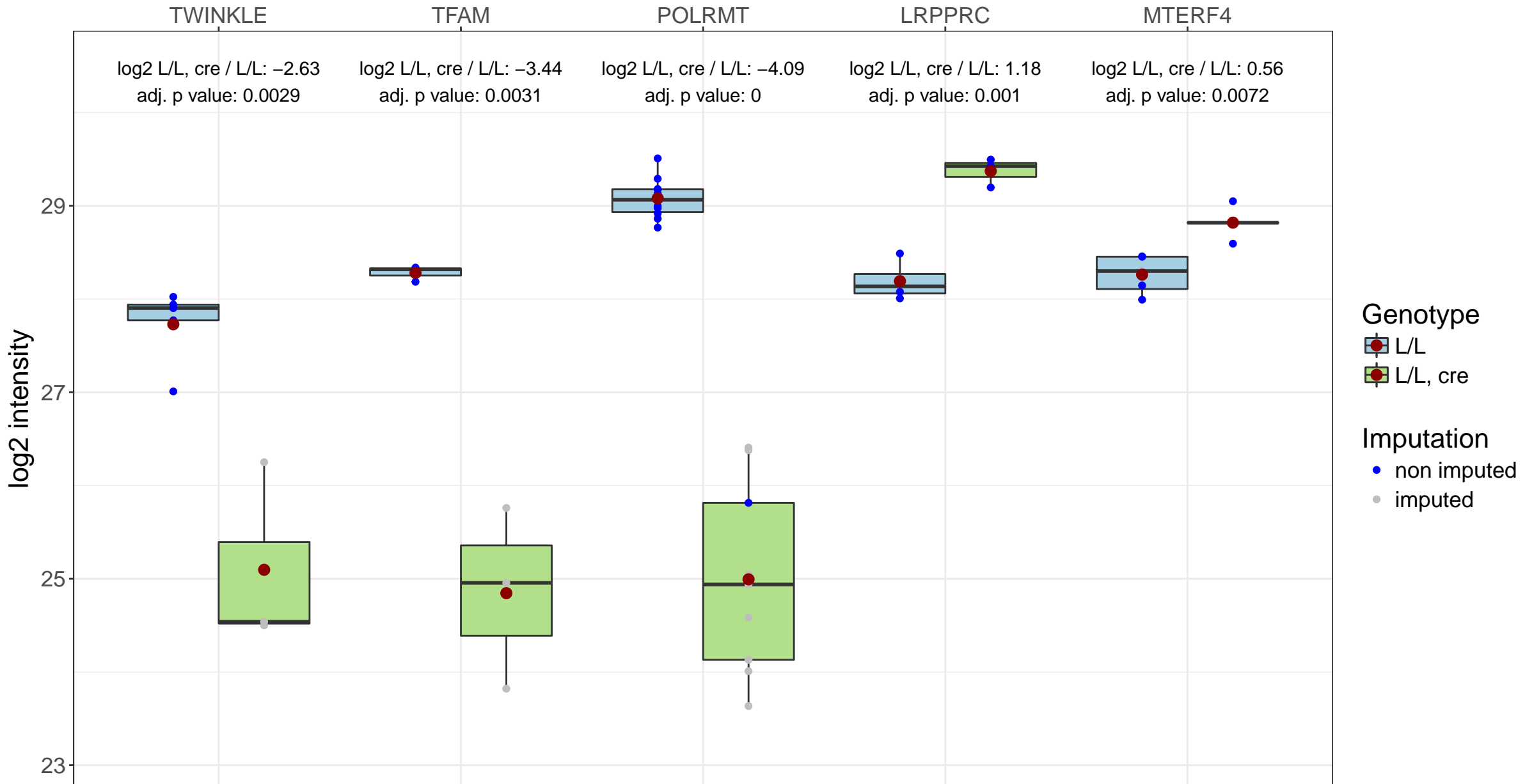
# MRPL47 / Q8K2Y7



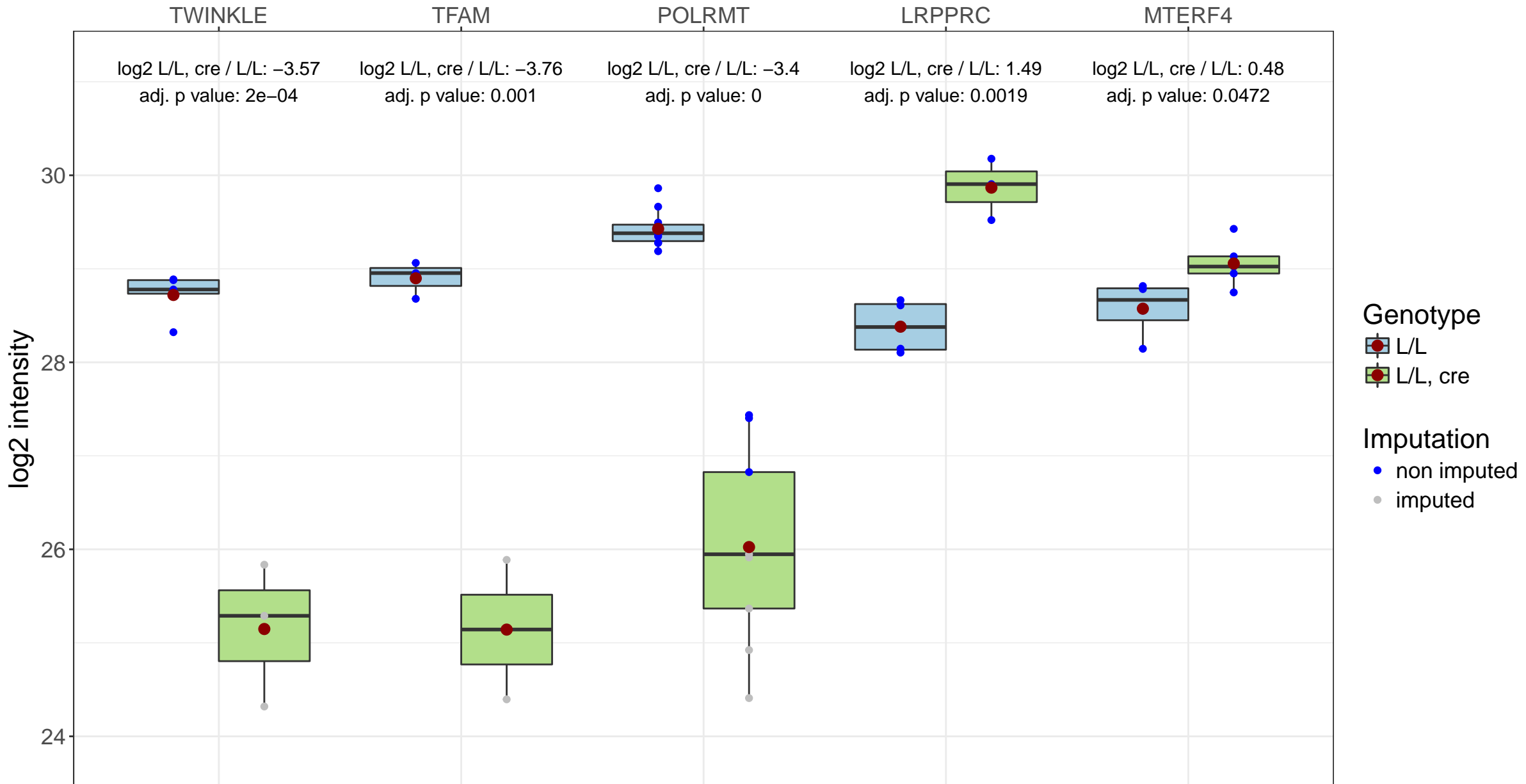
# MRPL48 / E9QPQ8



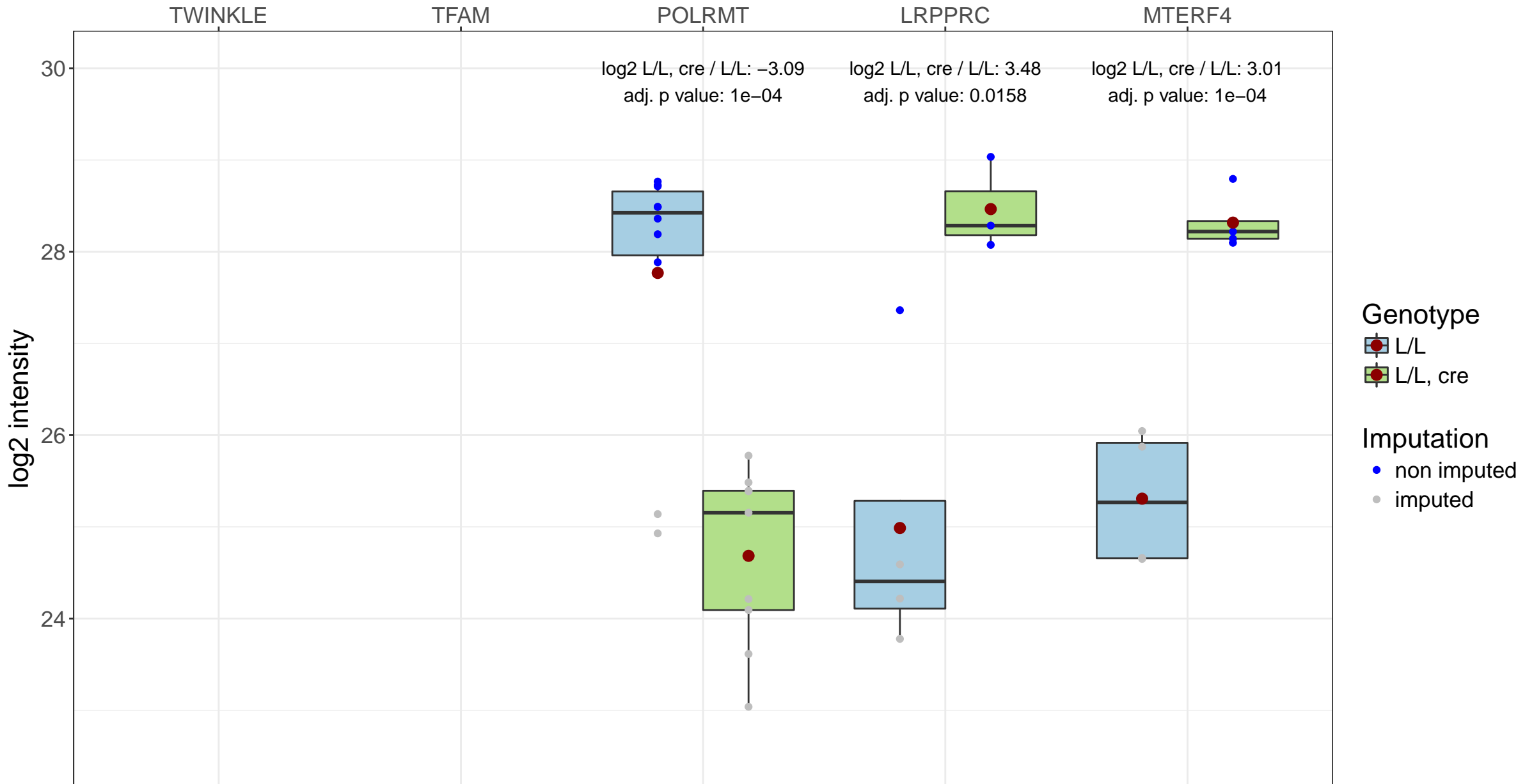
# MRPL49 / Q9CQ40



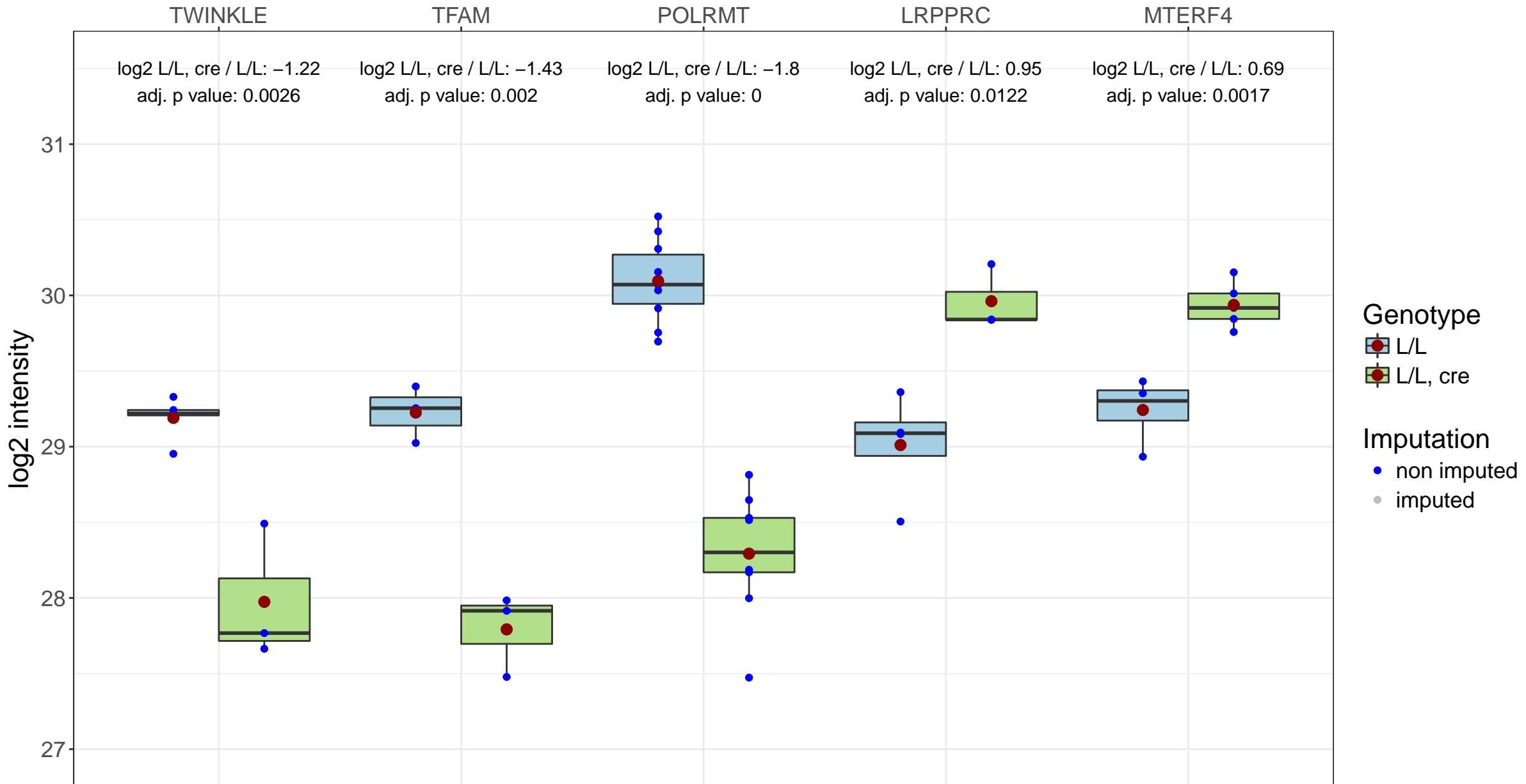
# MRPL50 / Q8VDT9



# MRPL51 / Q9CPY1

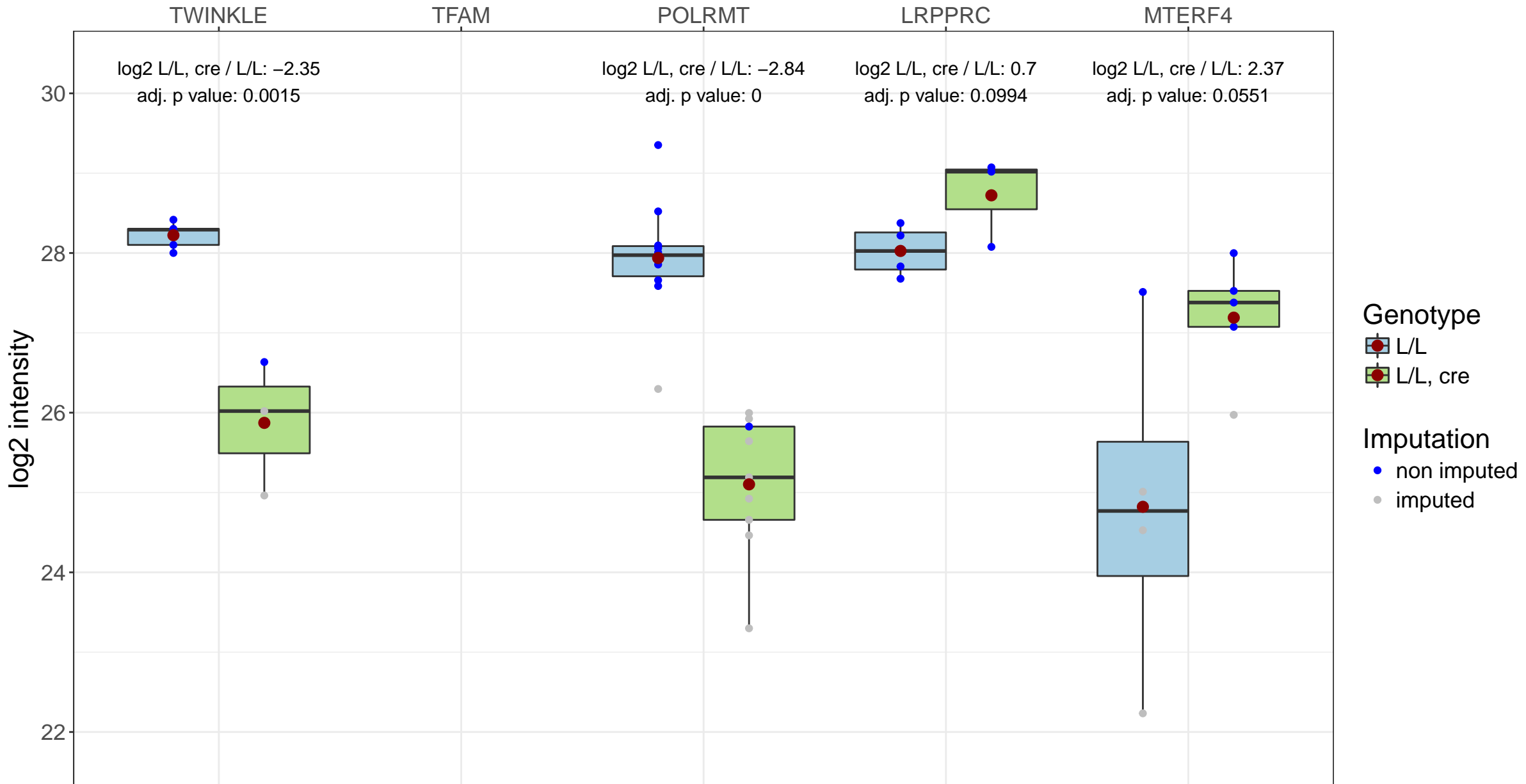


# MRPL53 / Q9D1H8

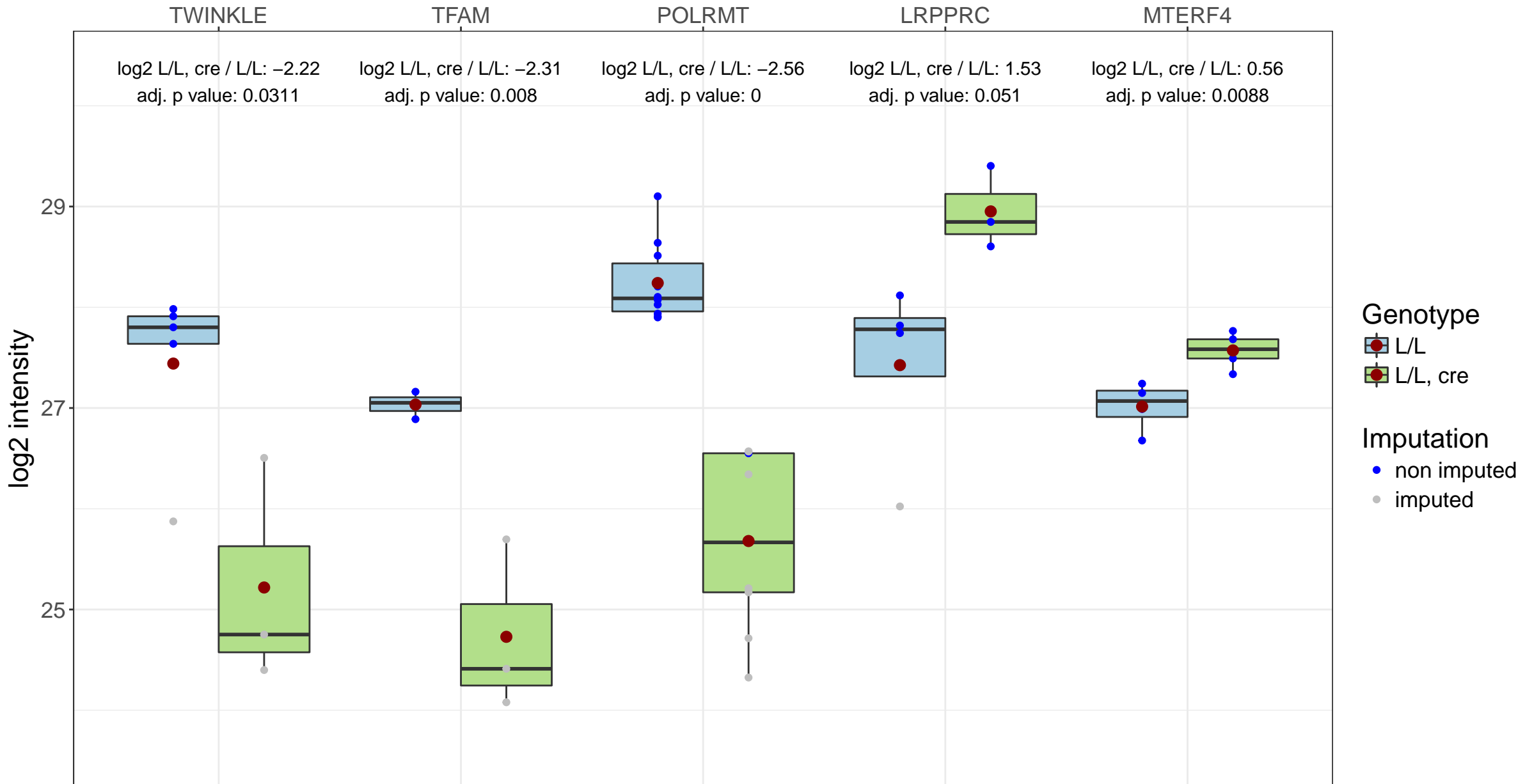




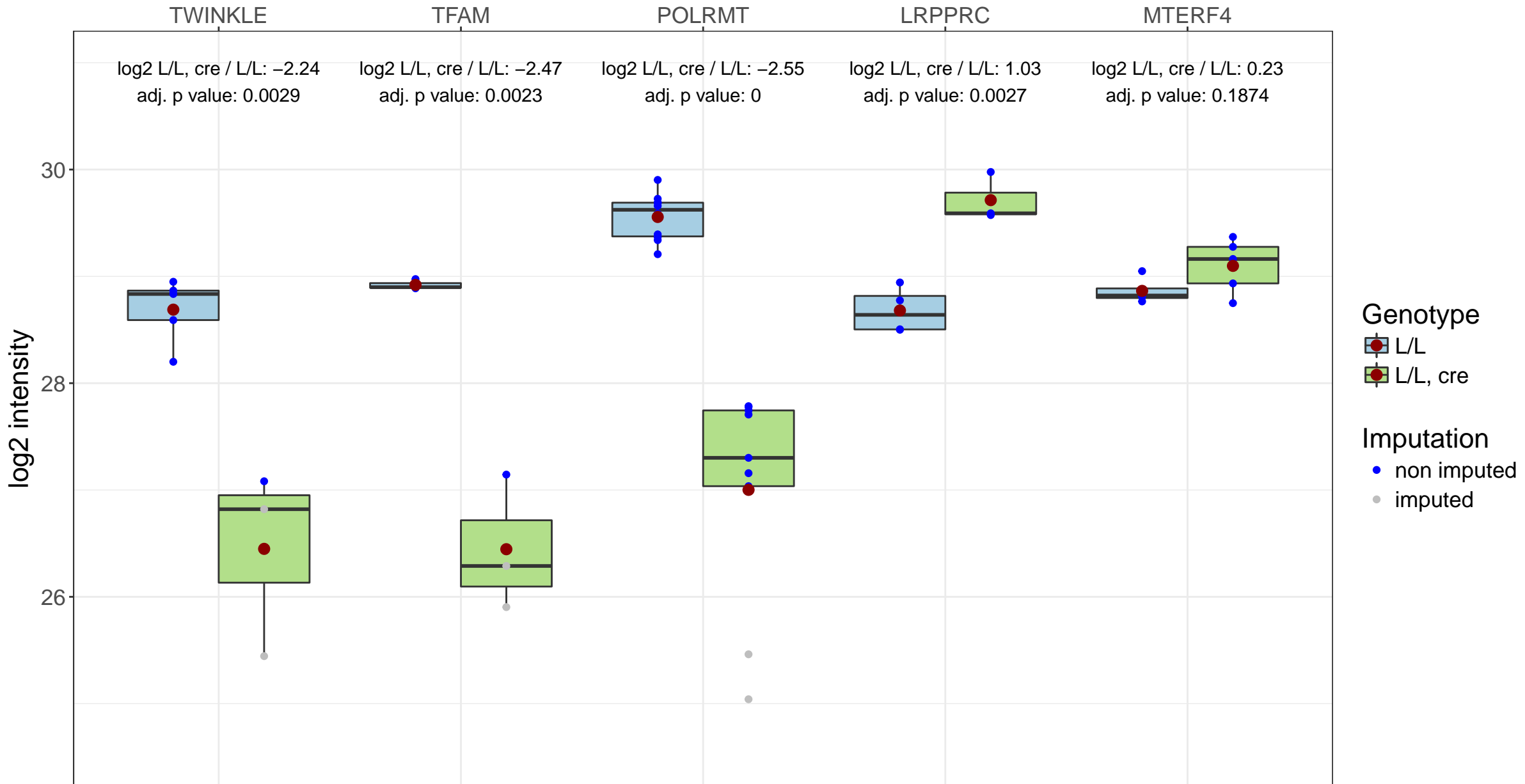
# MRPL54 / Q9CPW3



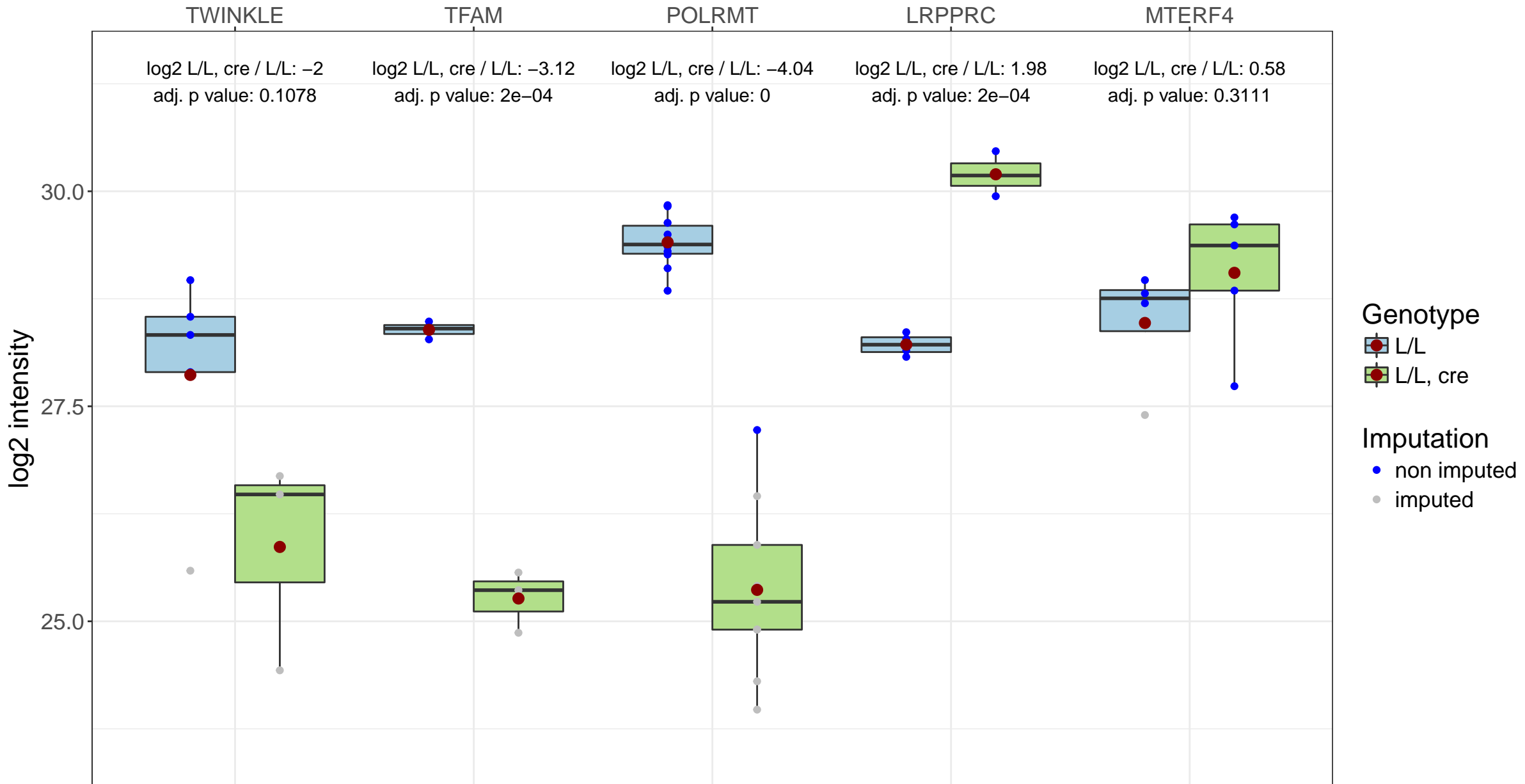
# MRPL55 / Q9CZ83



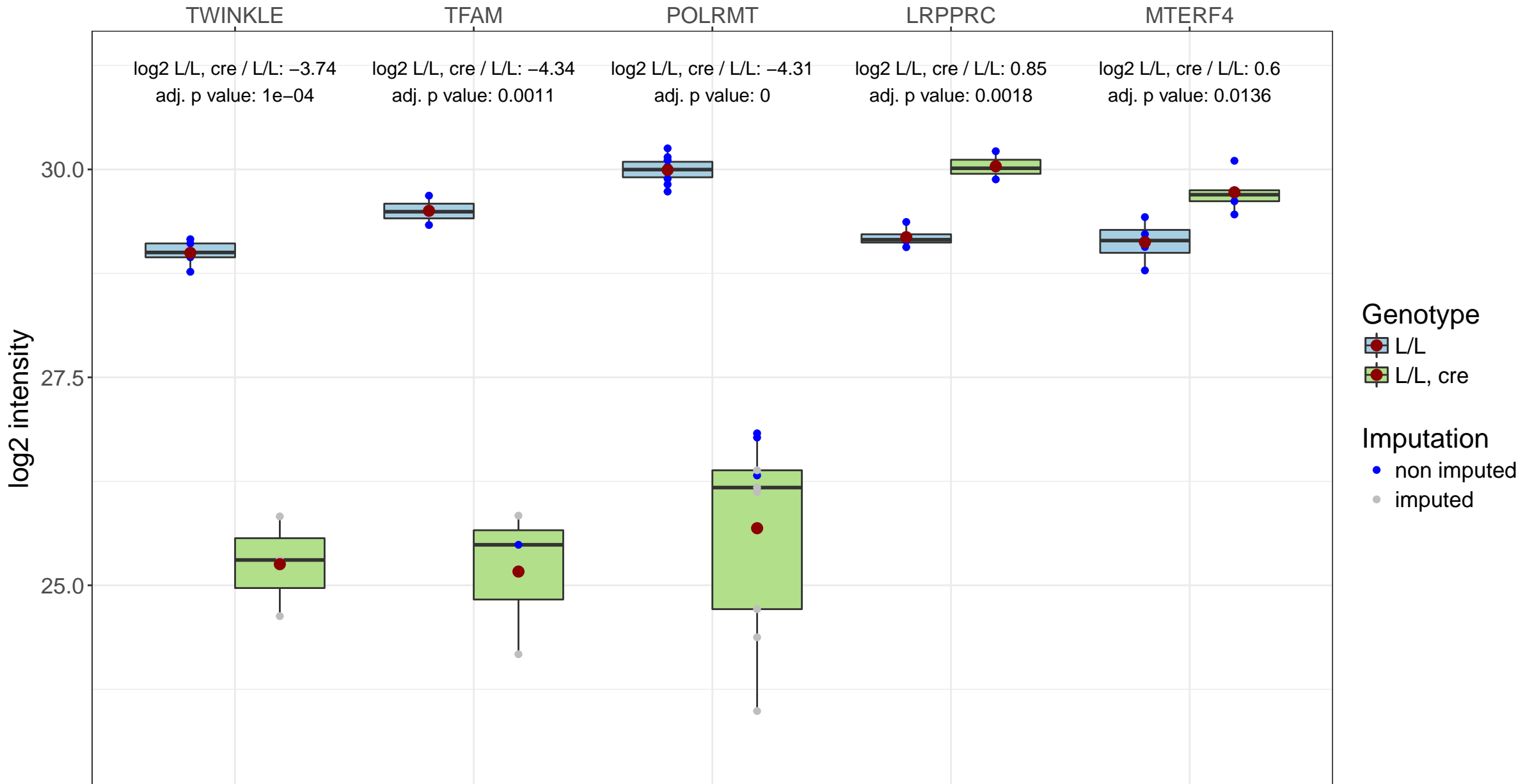
# MRPL58 / Q8R035



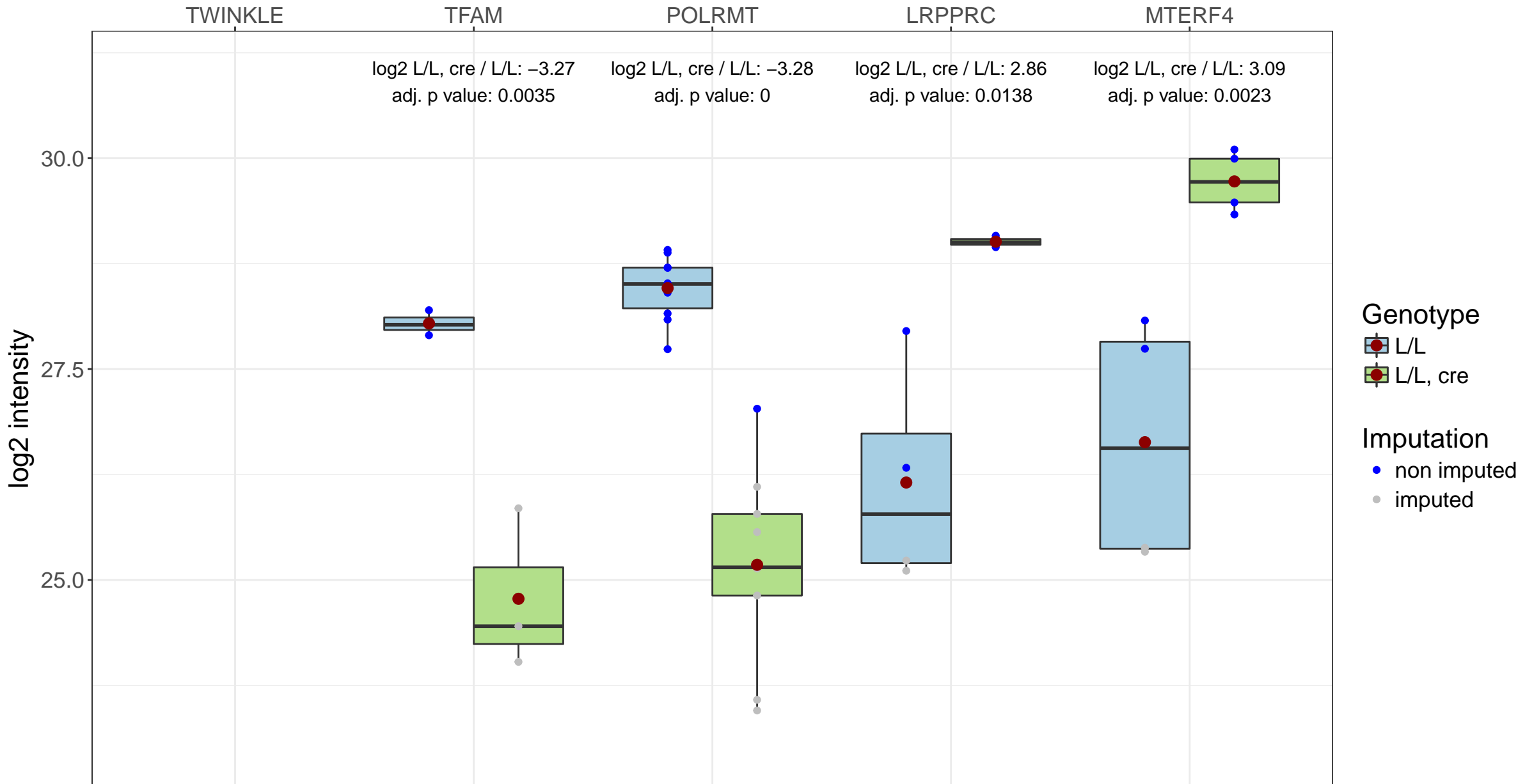
# MRPL59 / Q9CR59



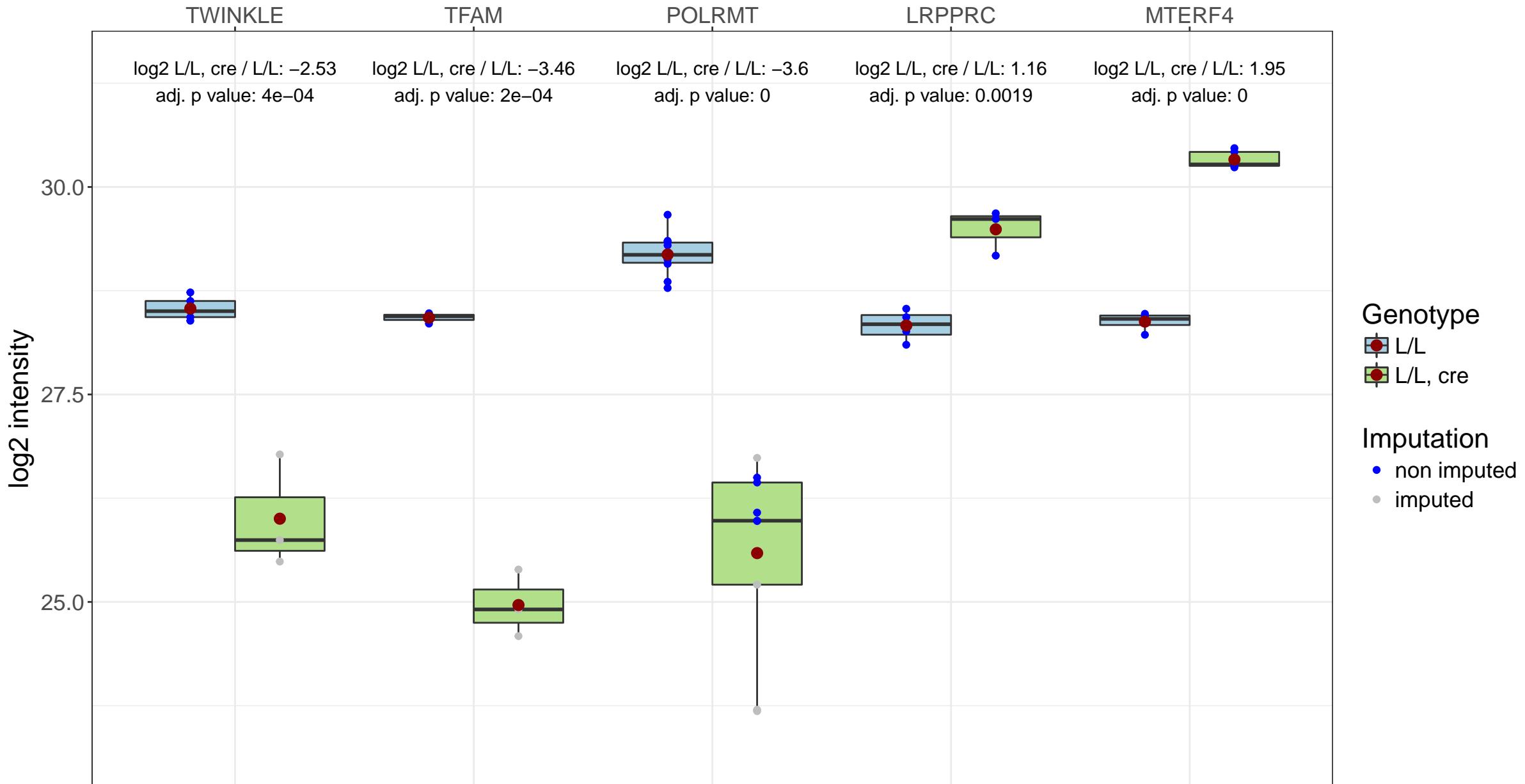
# MRPL9 / Q99N94



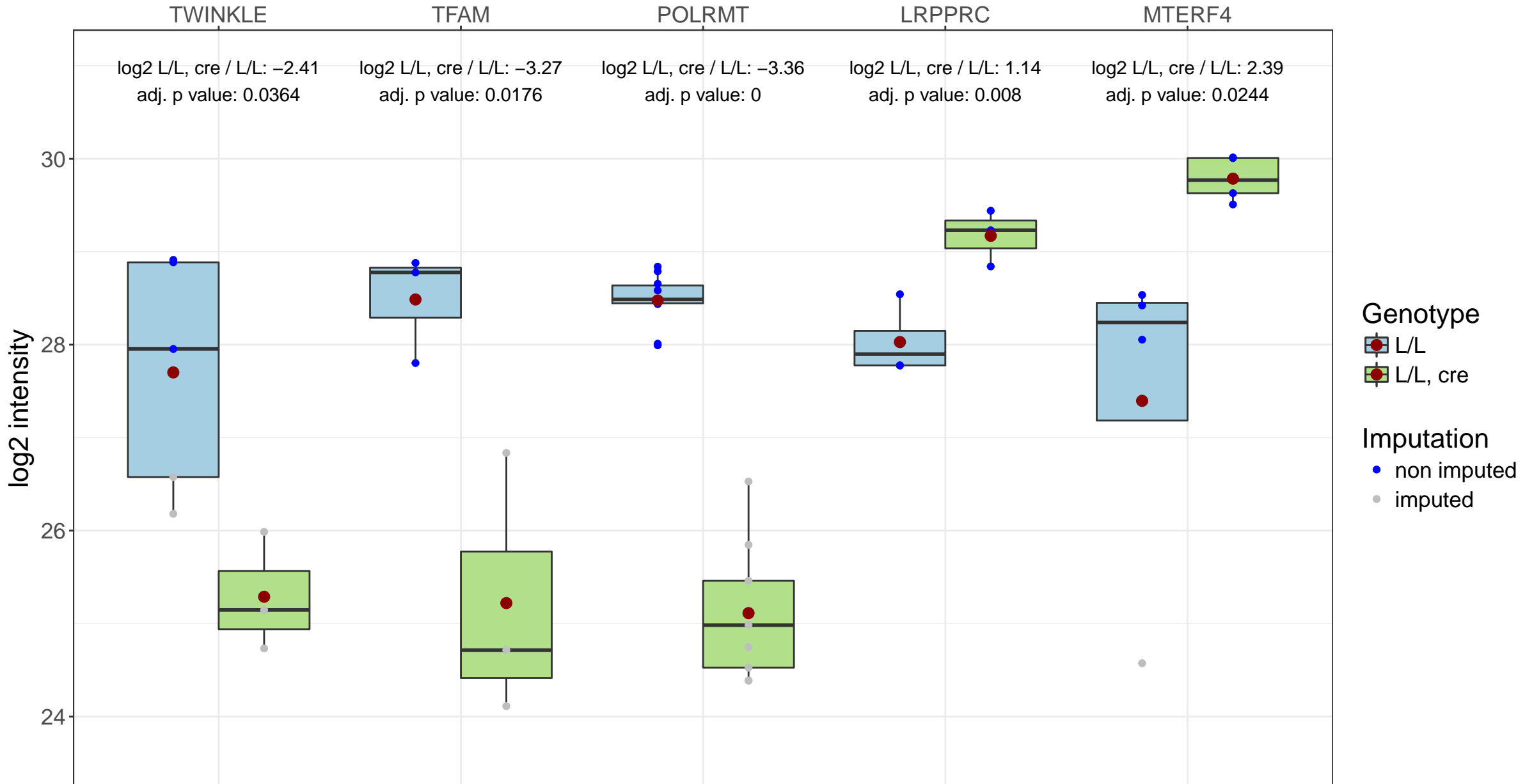
# MRPS10 / E9QJS0



# MRPS11 / Q3U8Y1

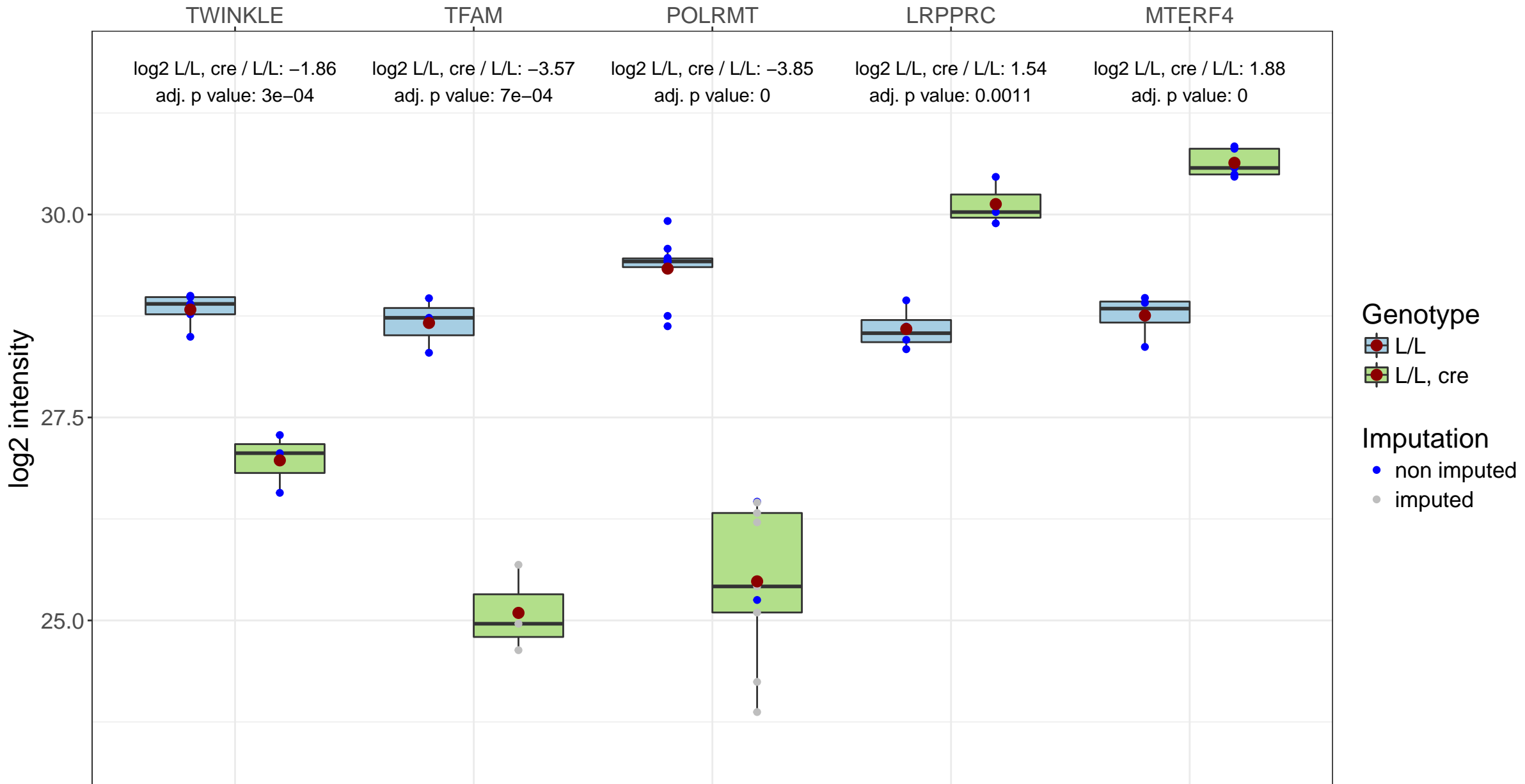


# MRPS14 / D3Z2K2

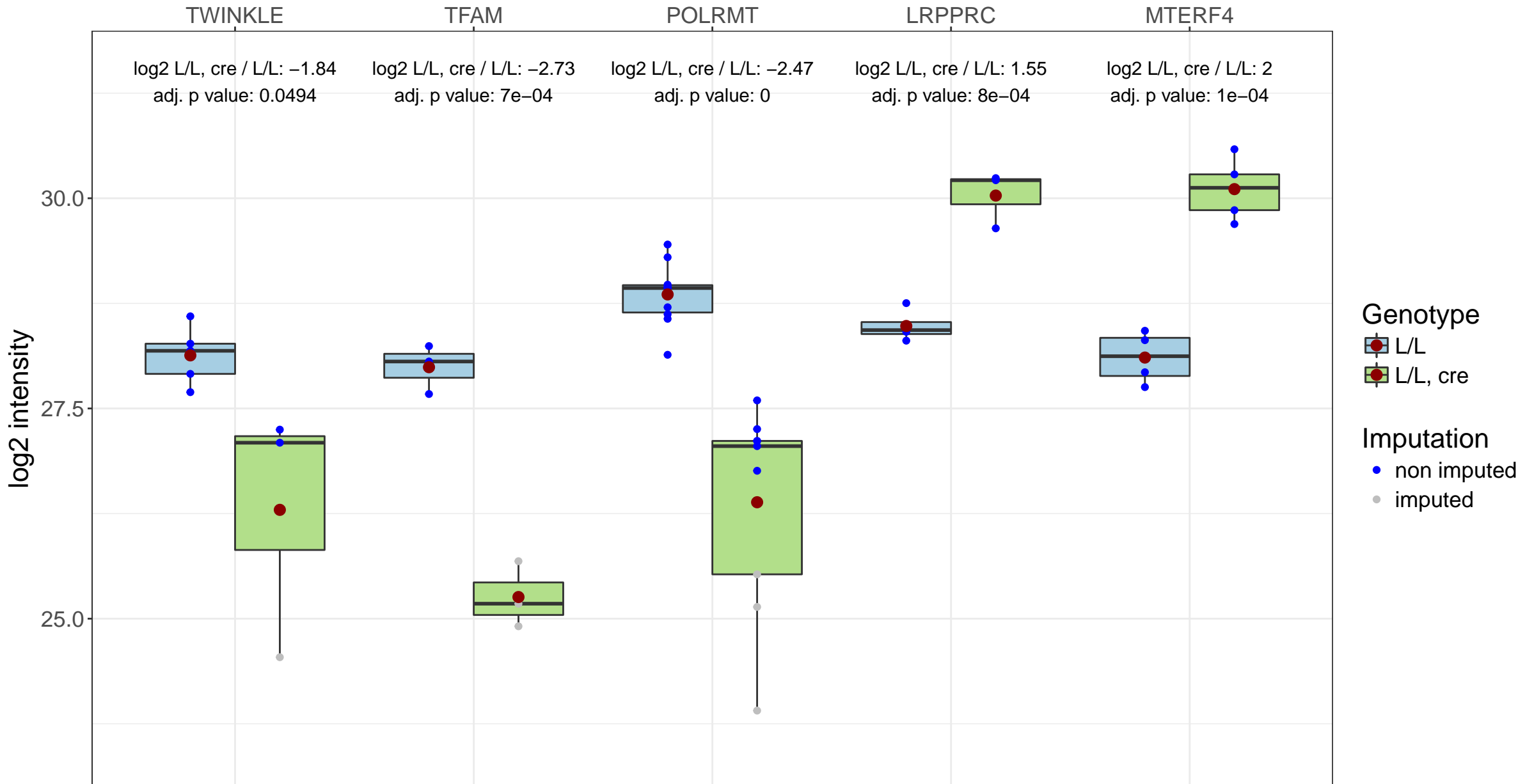




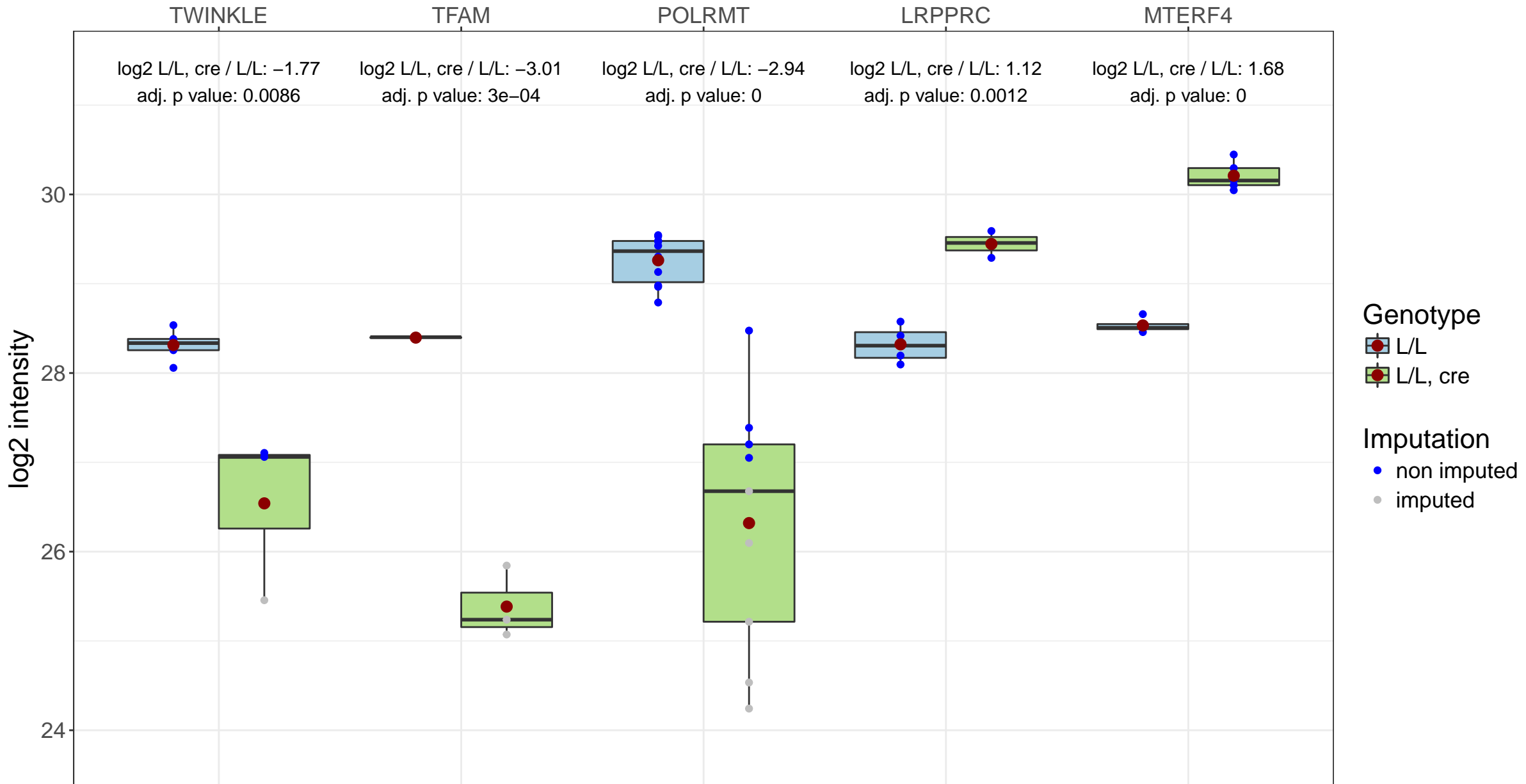
# MRPS15 / Q9DC71



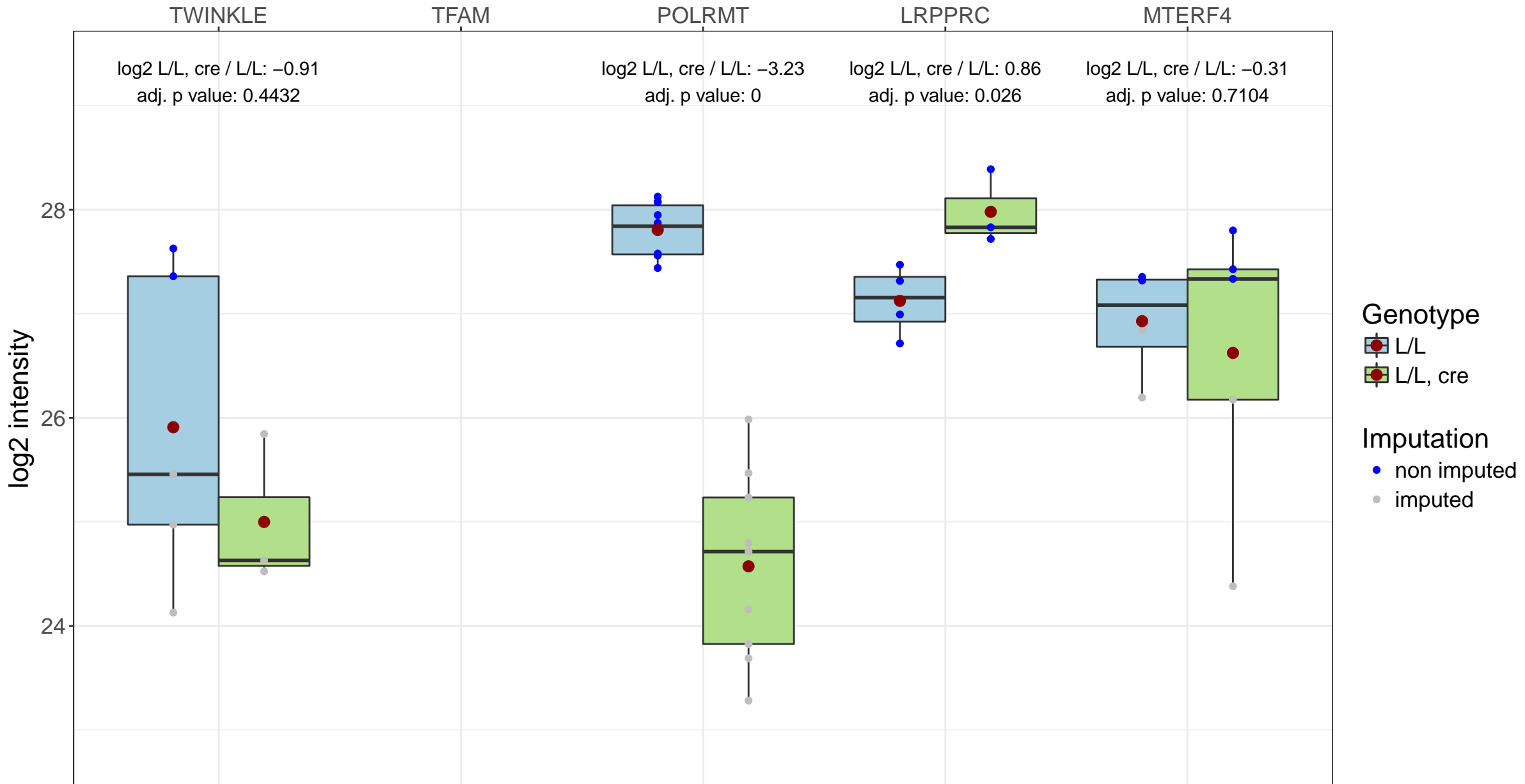
# MRPS16 / Q9CPX7



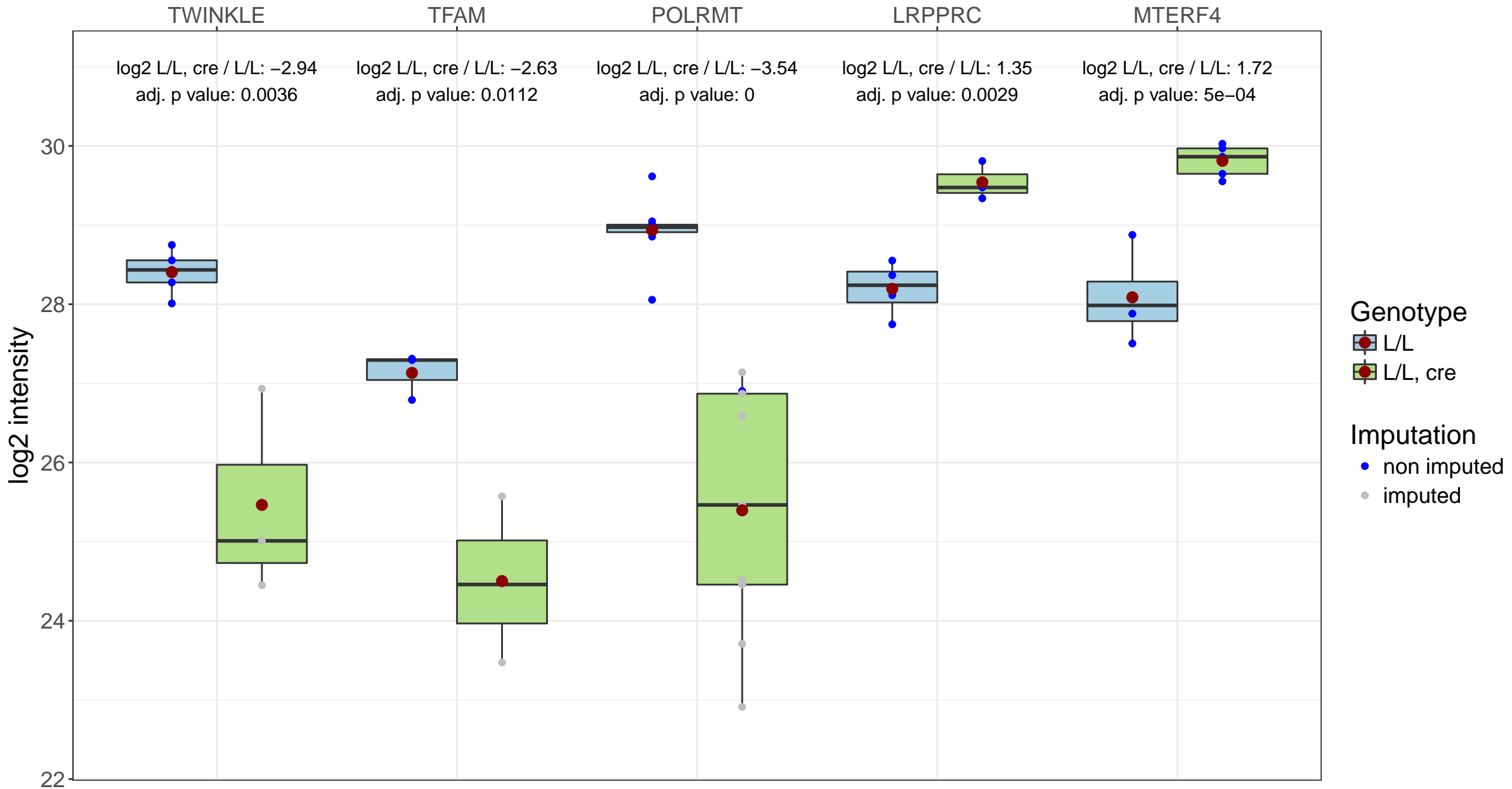
# MRPS17 / Q9CQE3



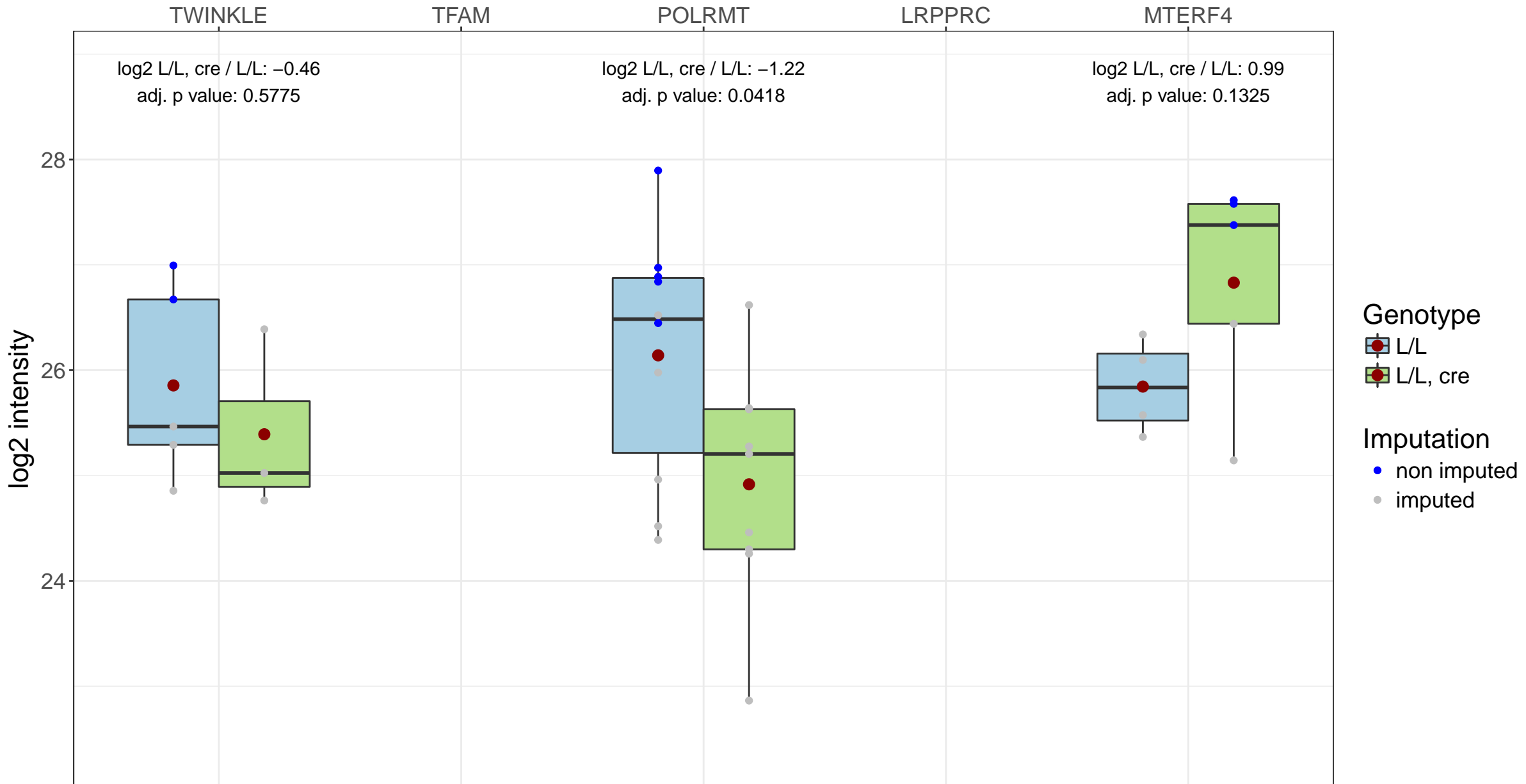
# MRPS18A / Q5U5I3



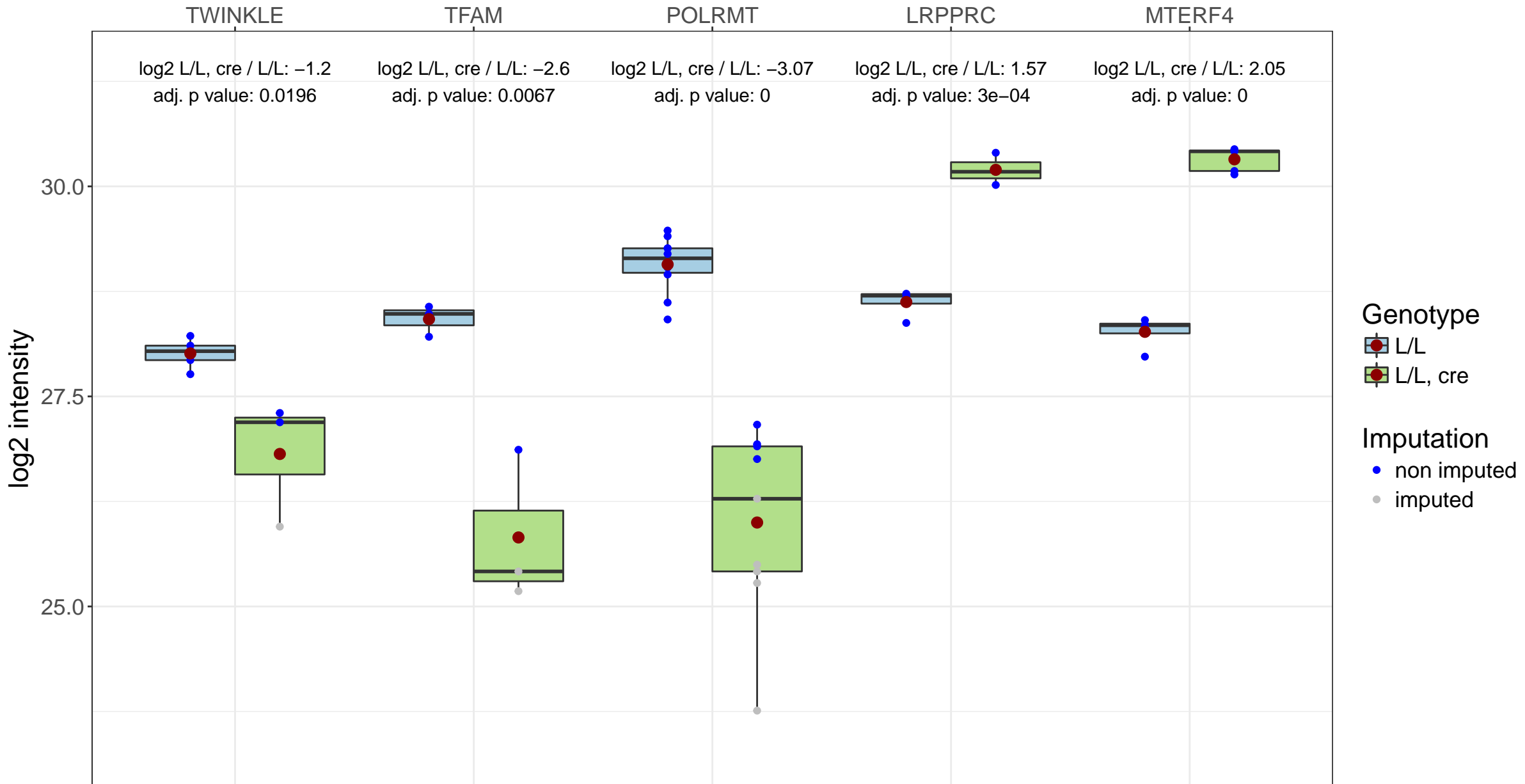
# MRPS18B / Q99N84



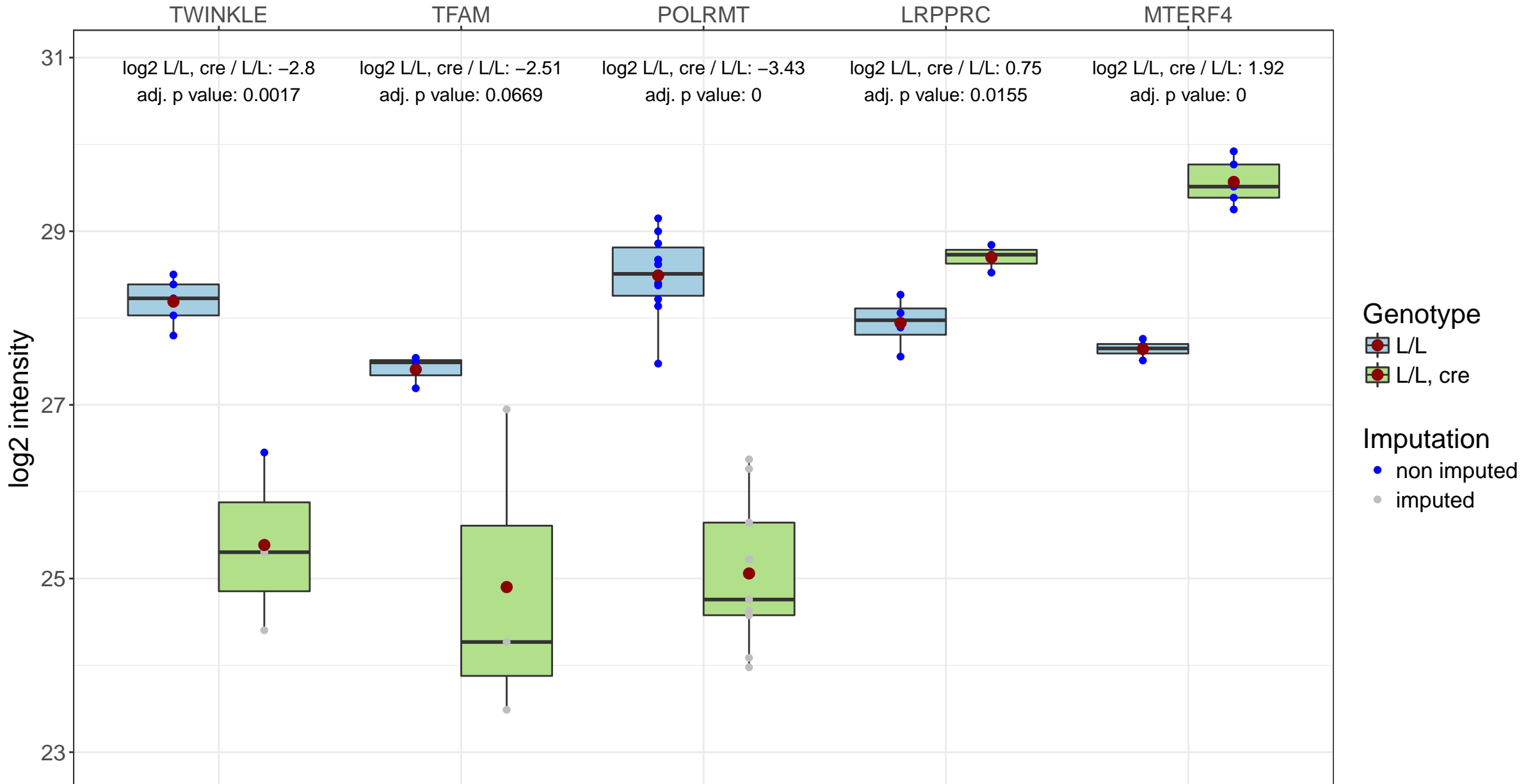
# MRPS18C / Q8R2L5



# MRPS2 / Q924T2

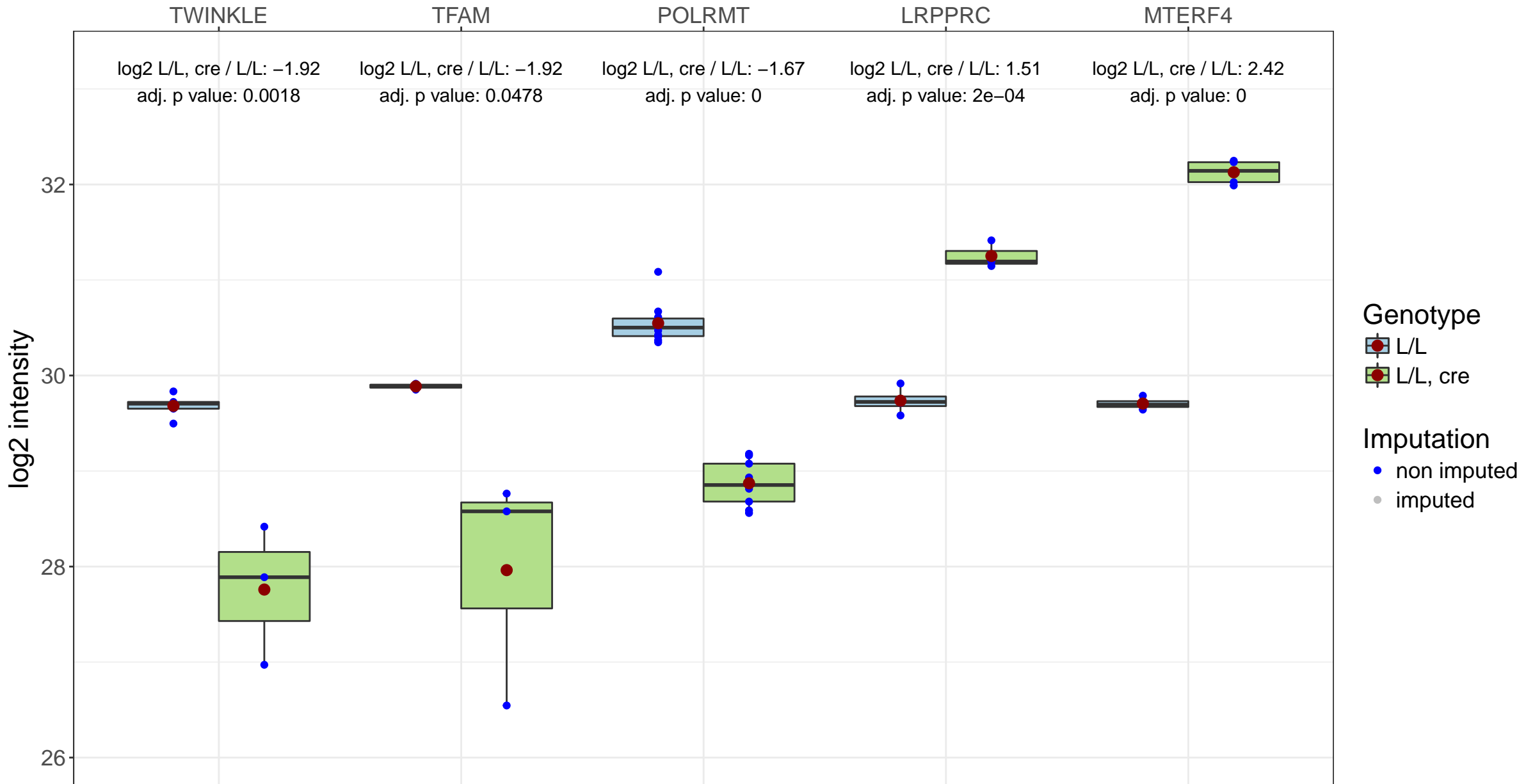


# MRPS21 / P58059

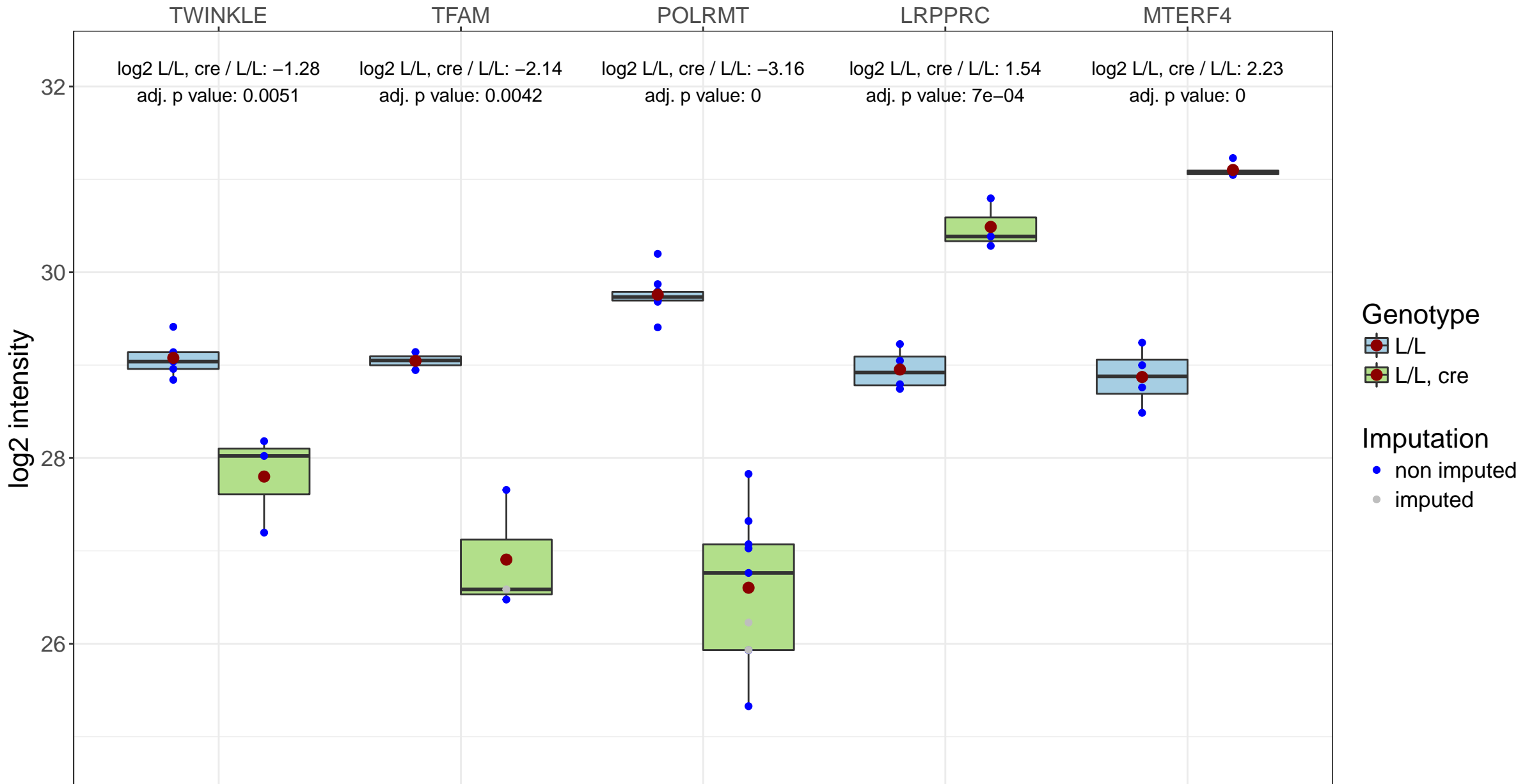




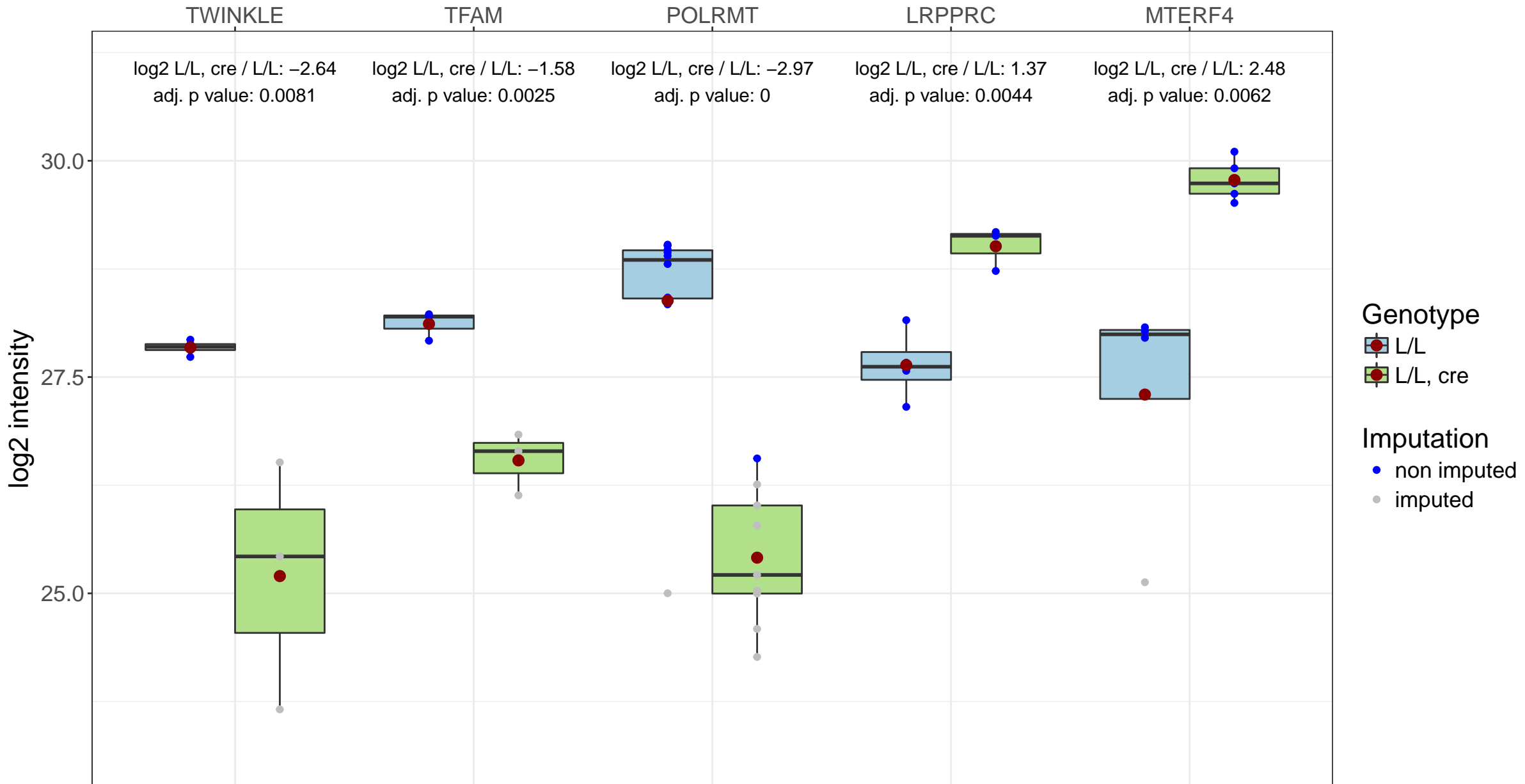
# MRPS22 / Q9CXW2



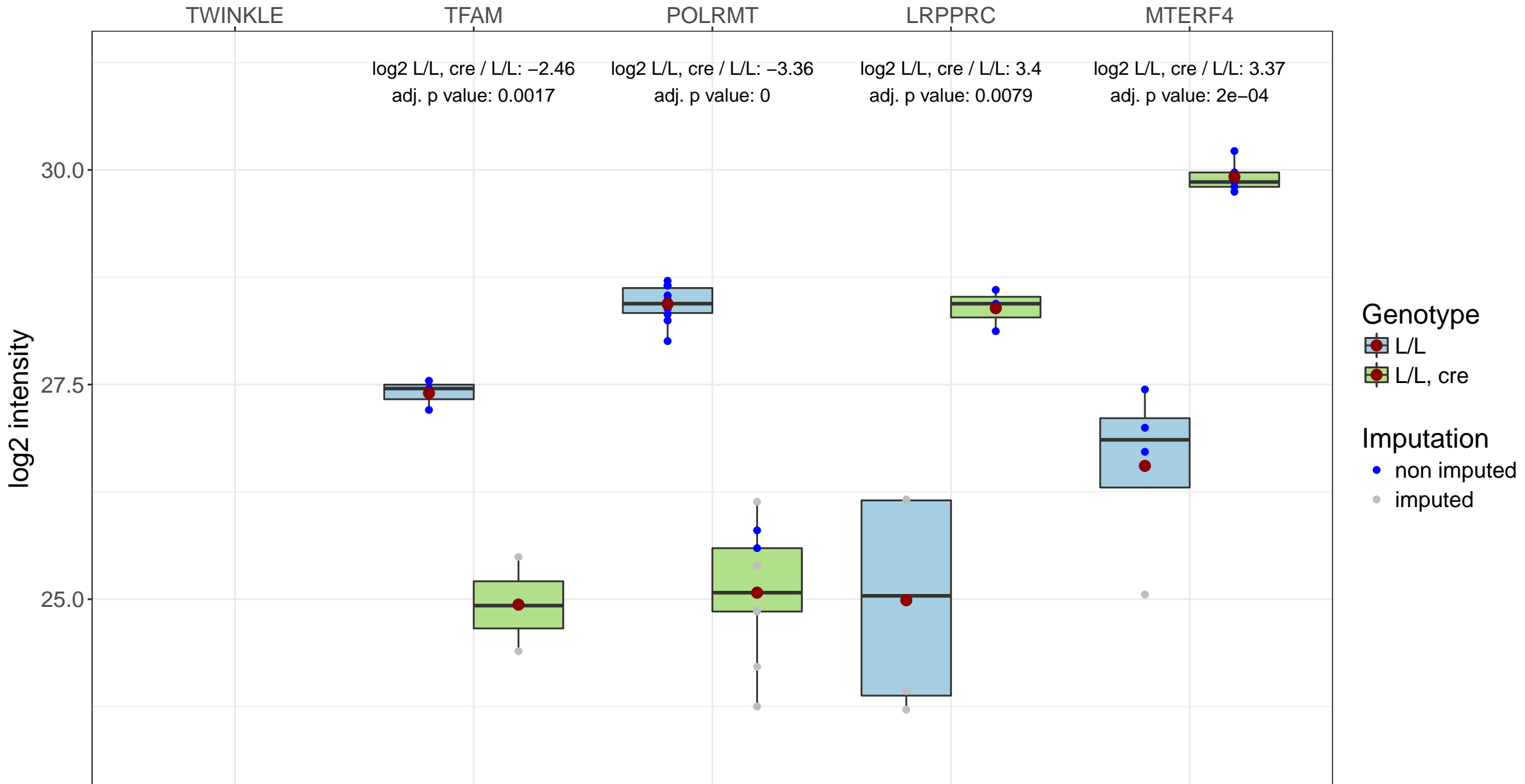
# MRPS23 / Q8VE22



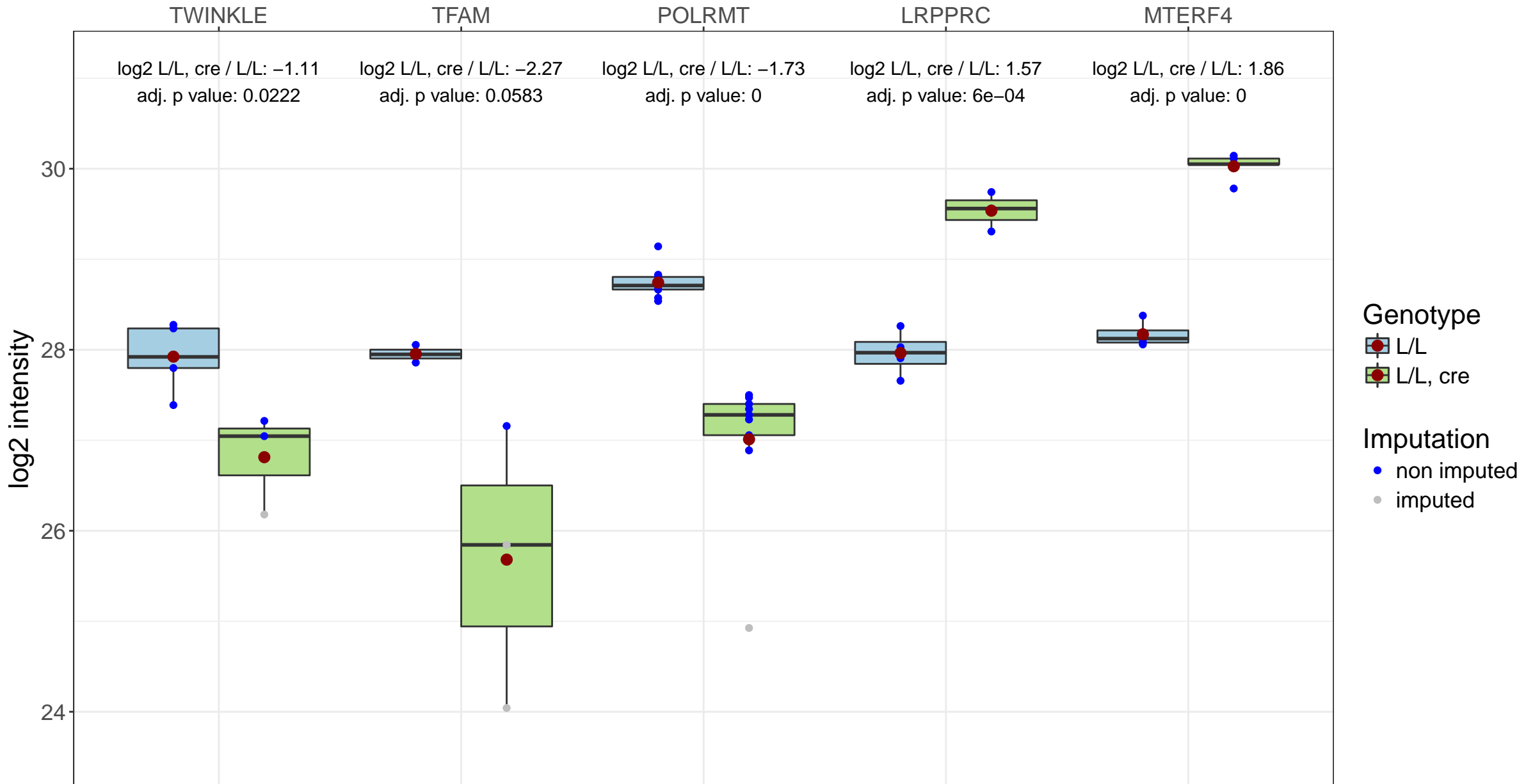
# MRPS24 / Q9CQV5



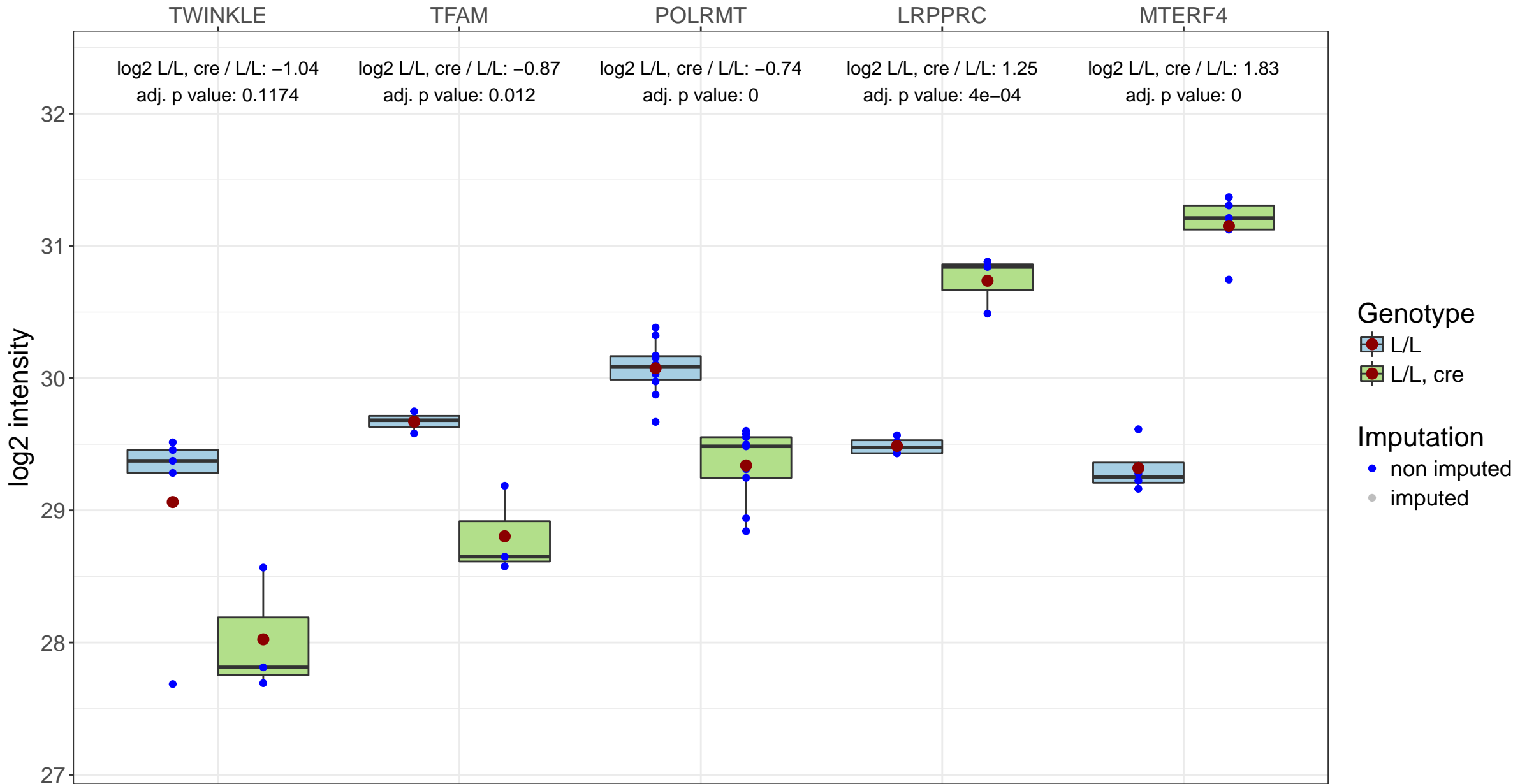
# MRPS25 / Q9D125



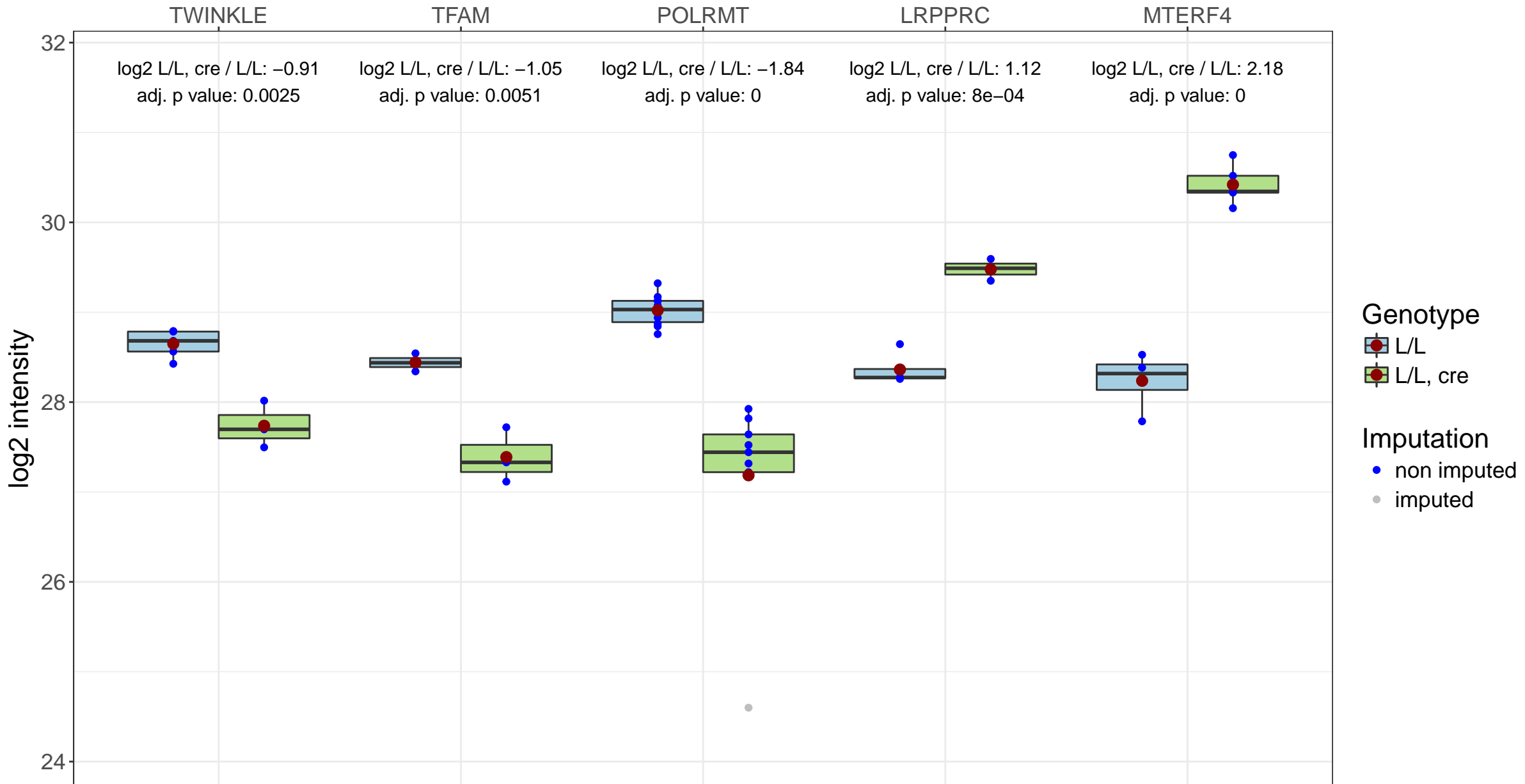
# MRPS26 / Q80ZS3



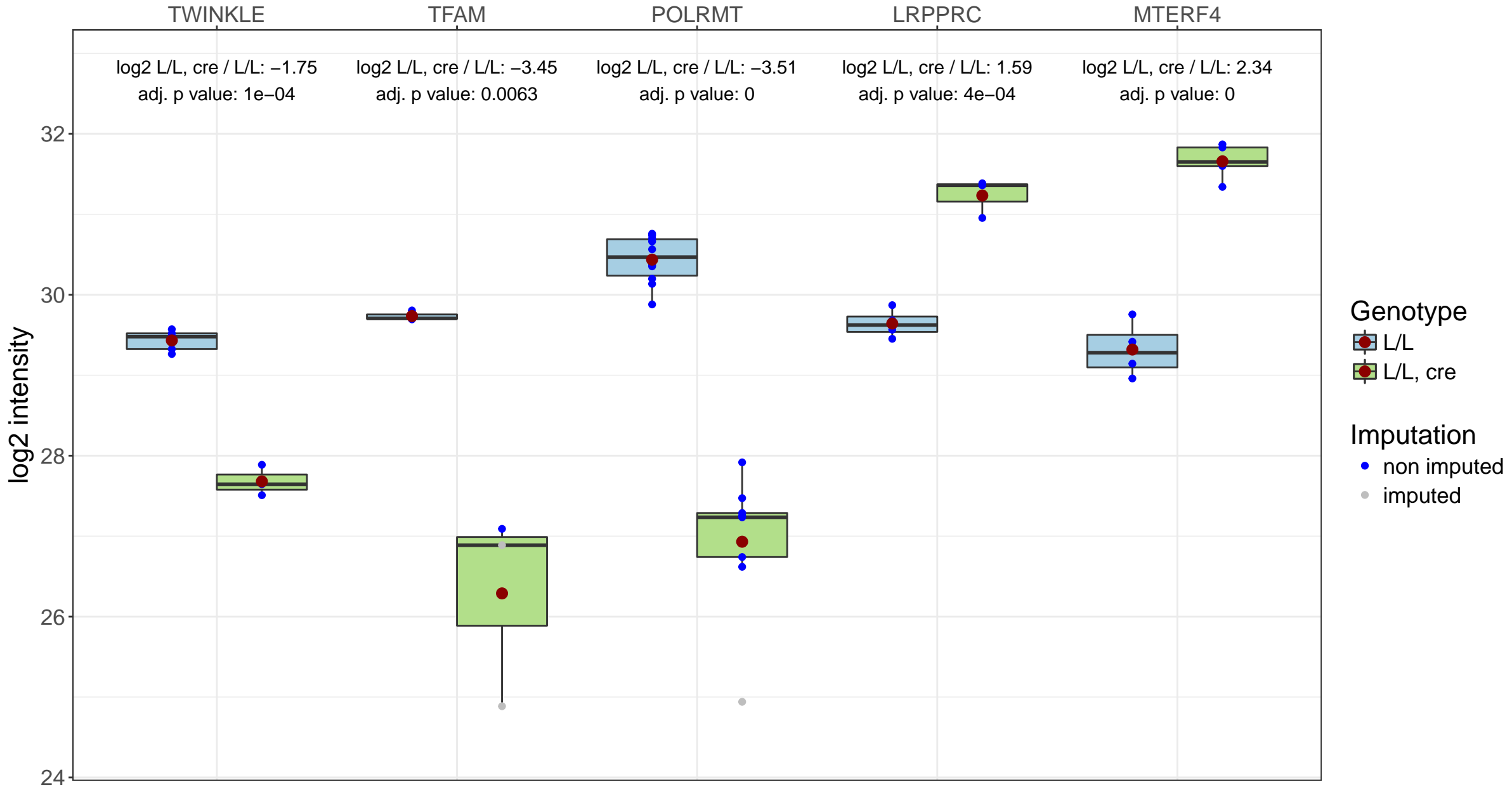
# MRPS27 / Q8BK72



# MRPS28 / Q9CY16

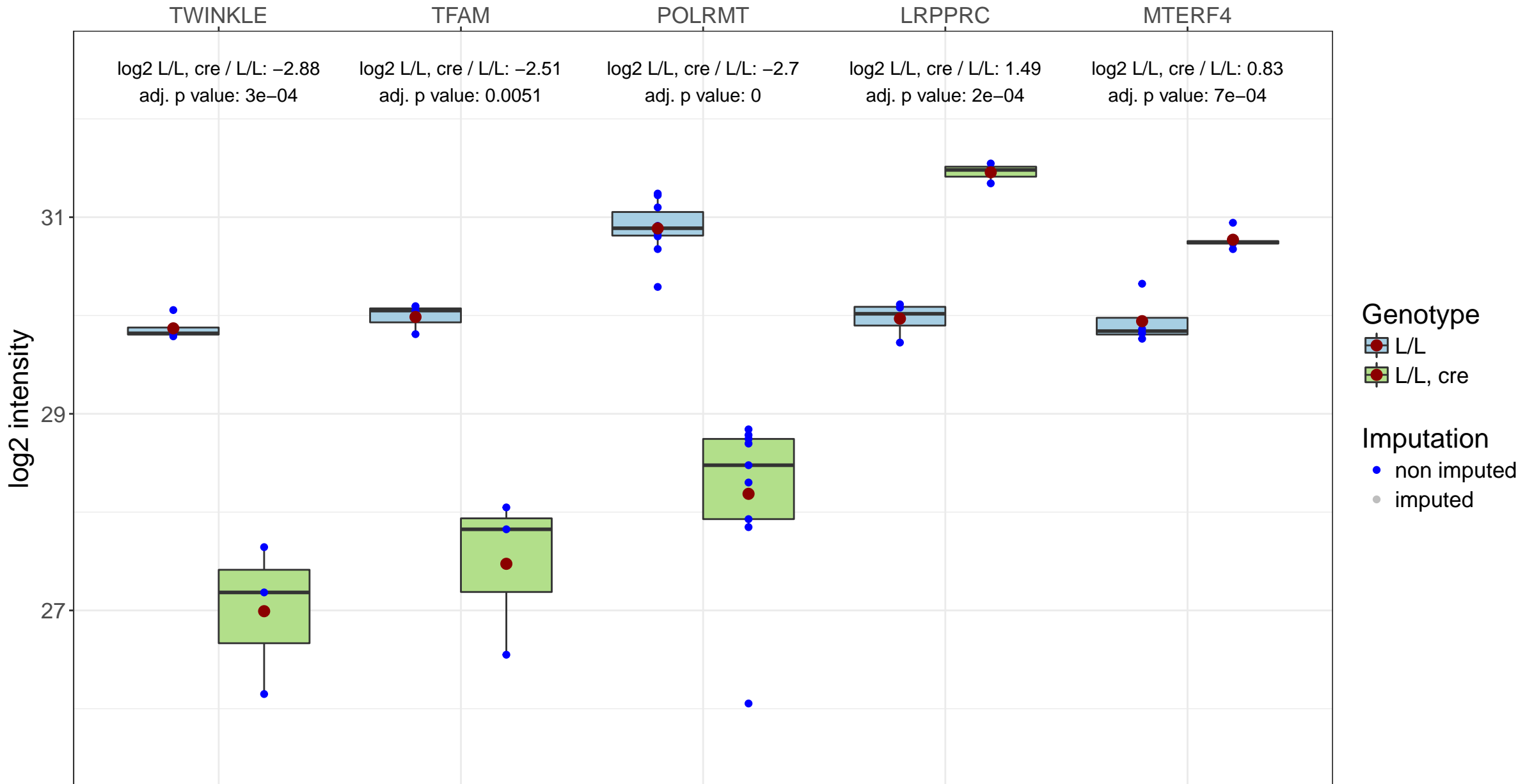


# MRPS29 / G3X9M0

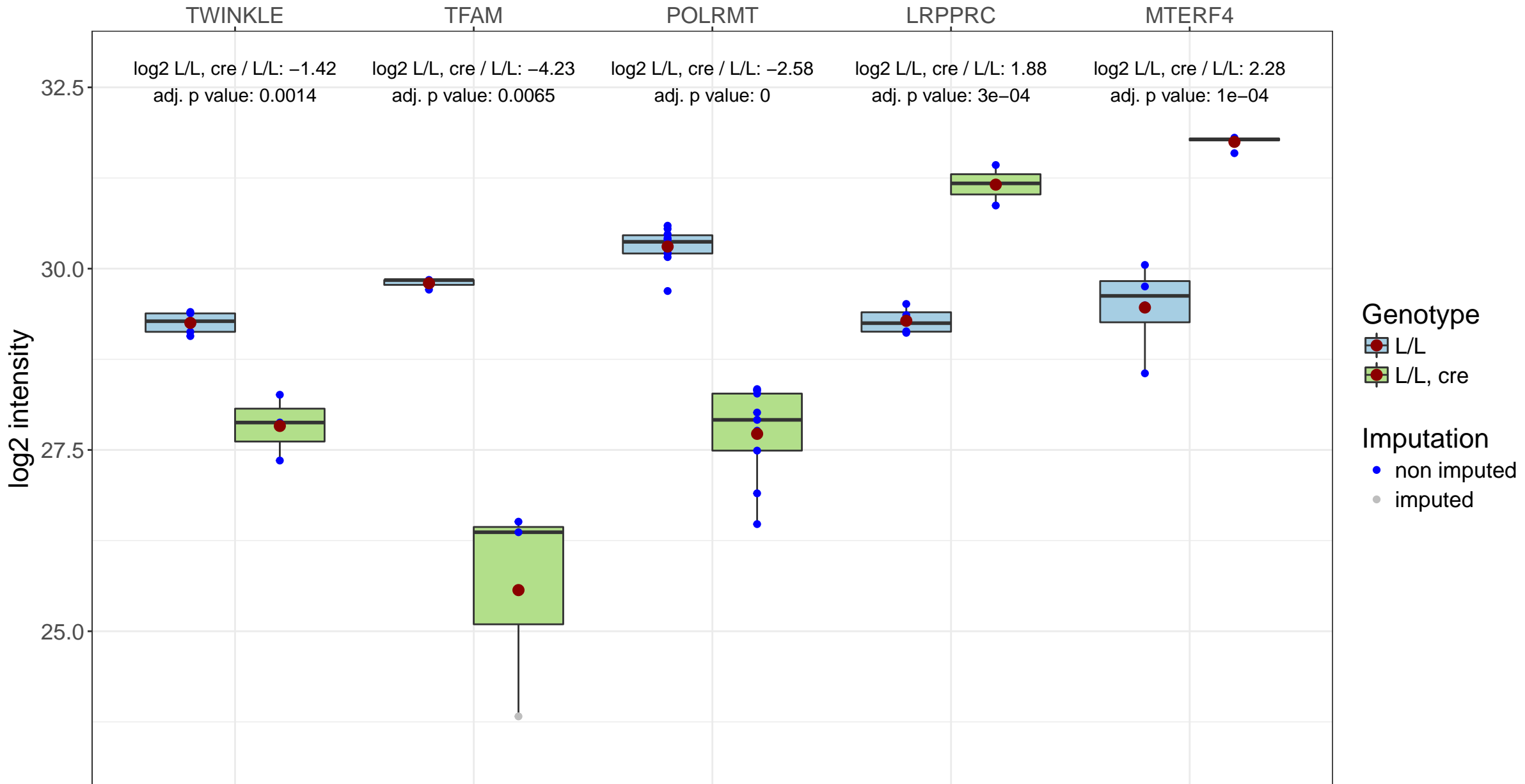




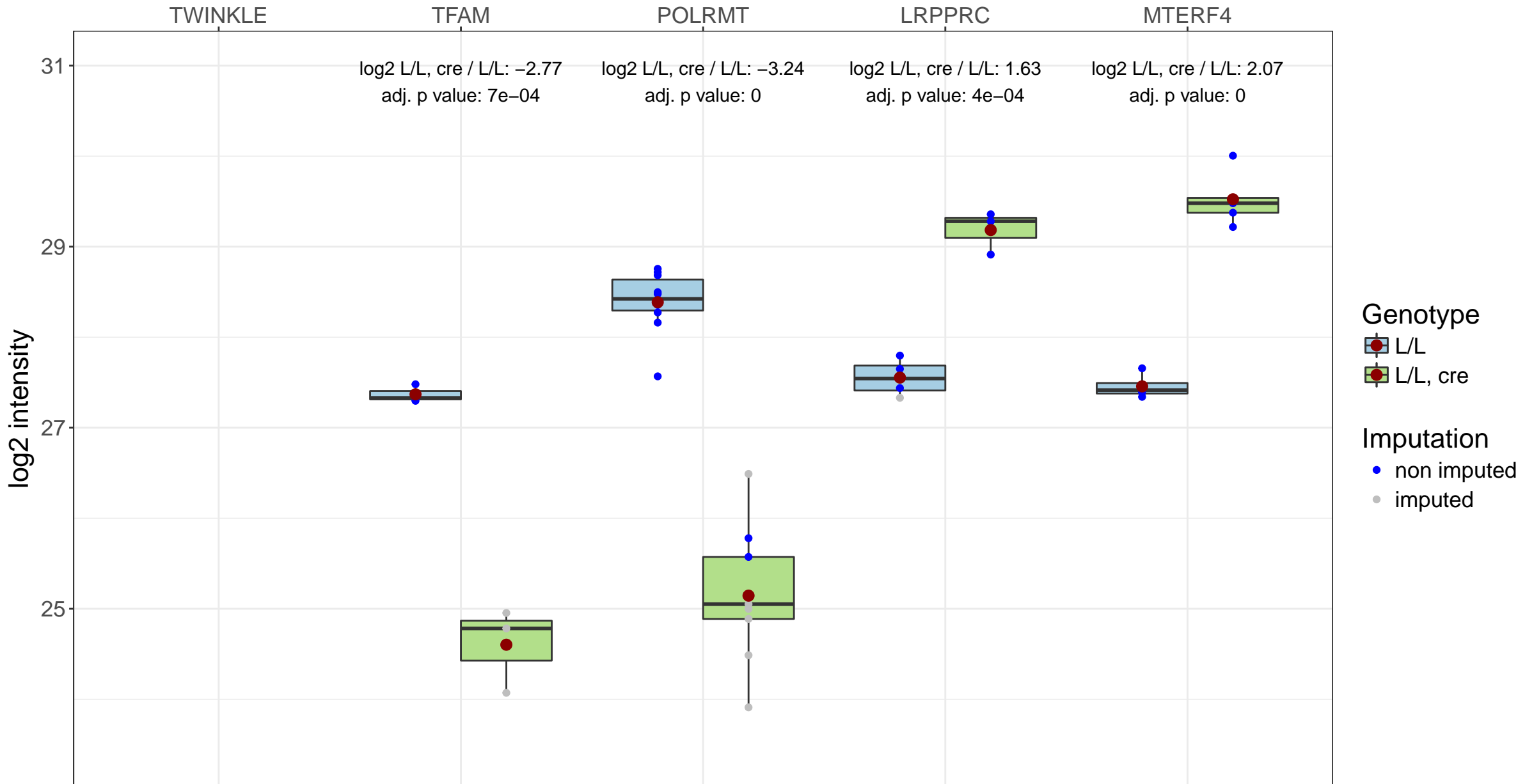
# MRPS30 / Q9D0G0



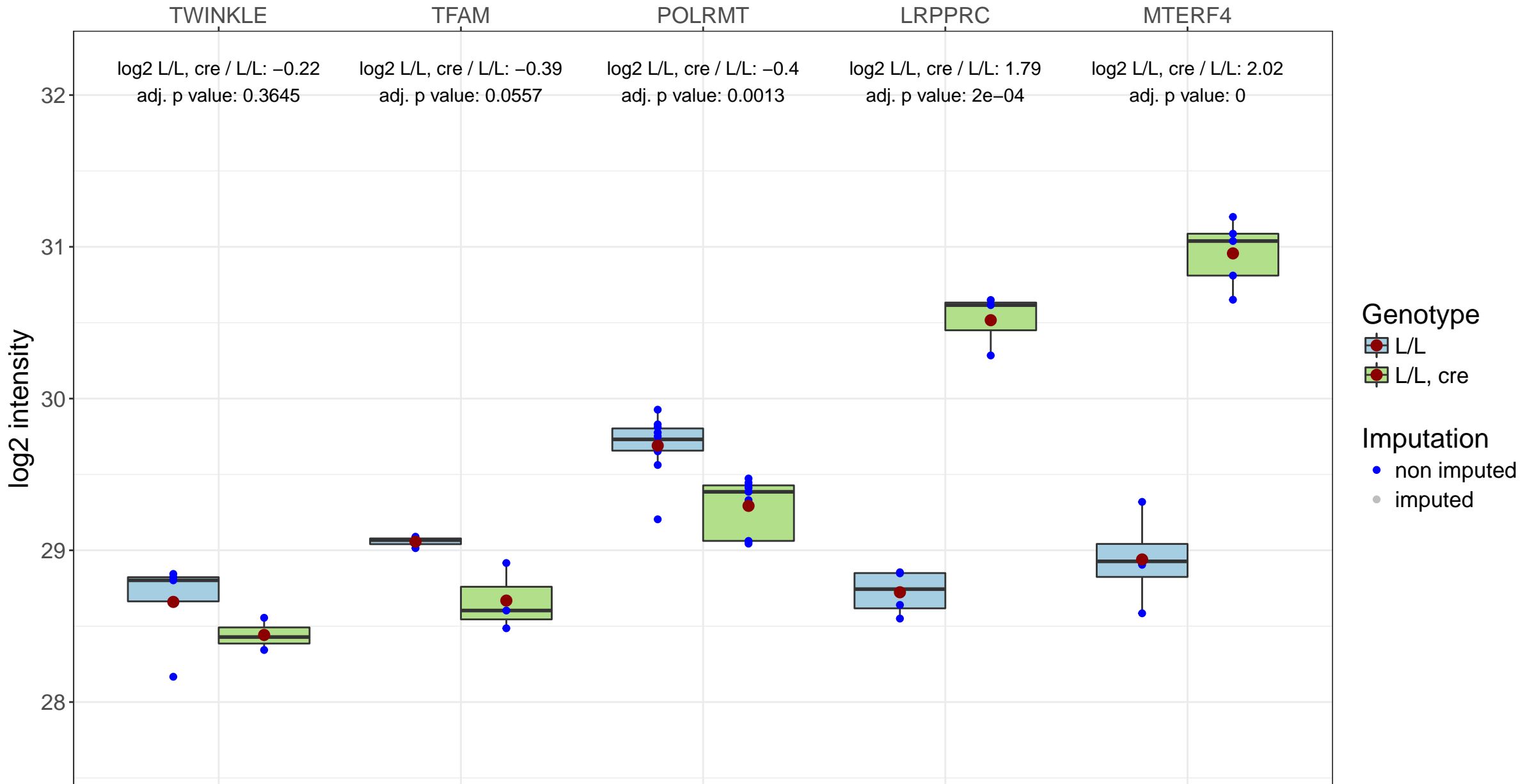
# MRPS31 / Q61733



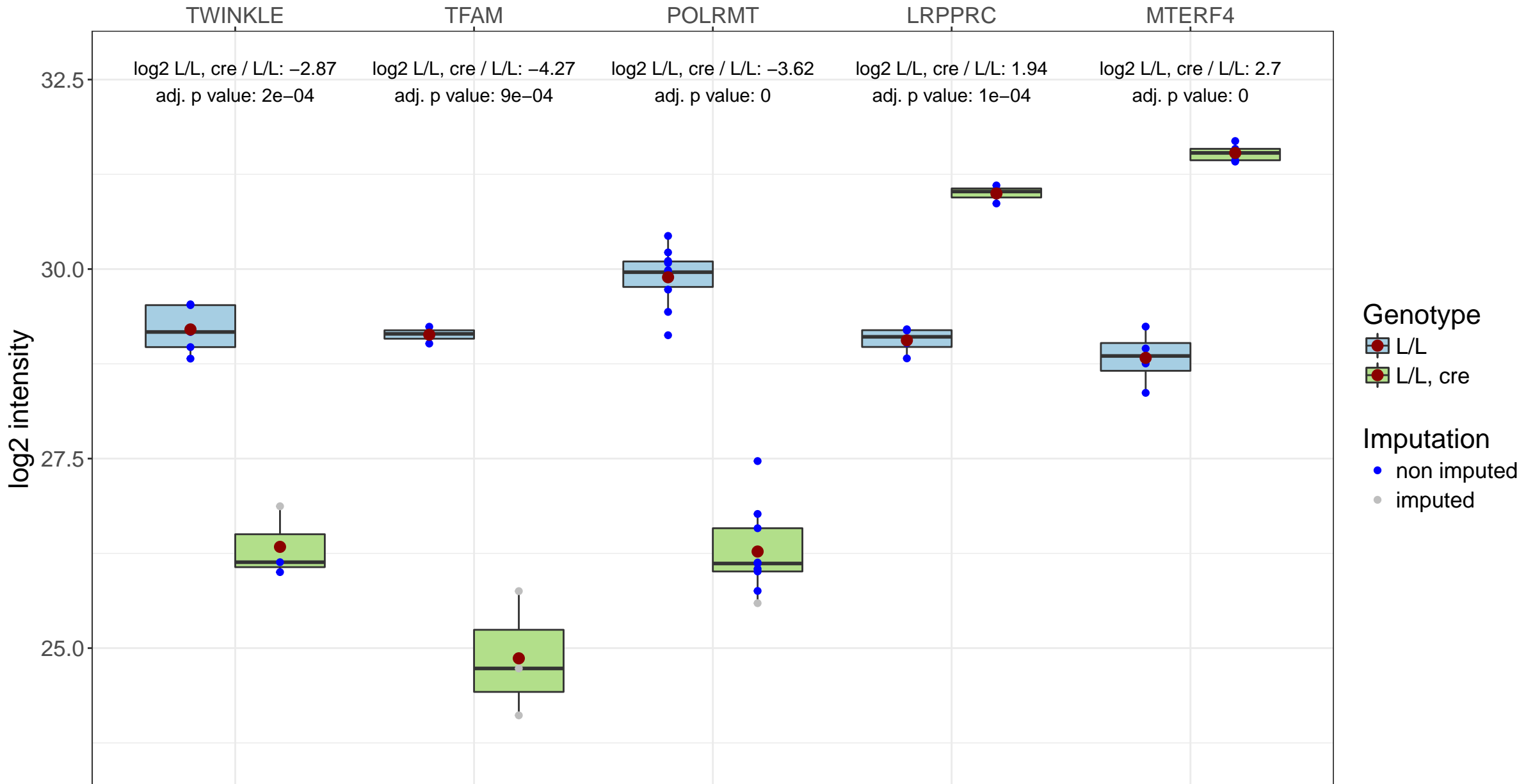
# MRPS33 / Q9D2R8



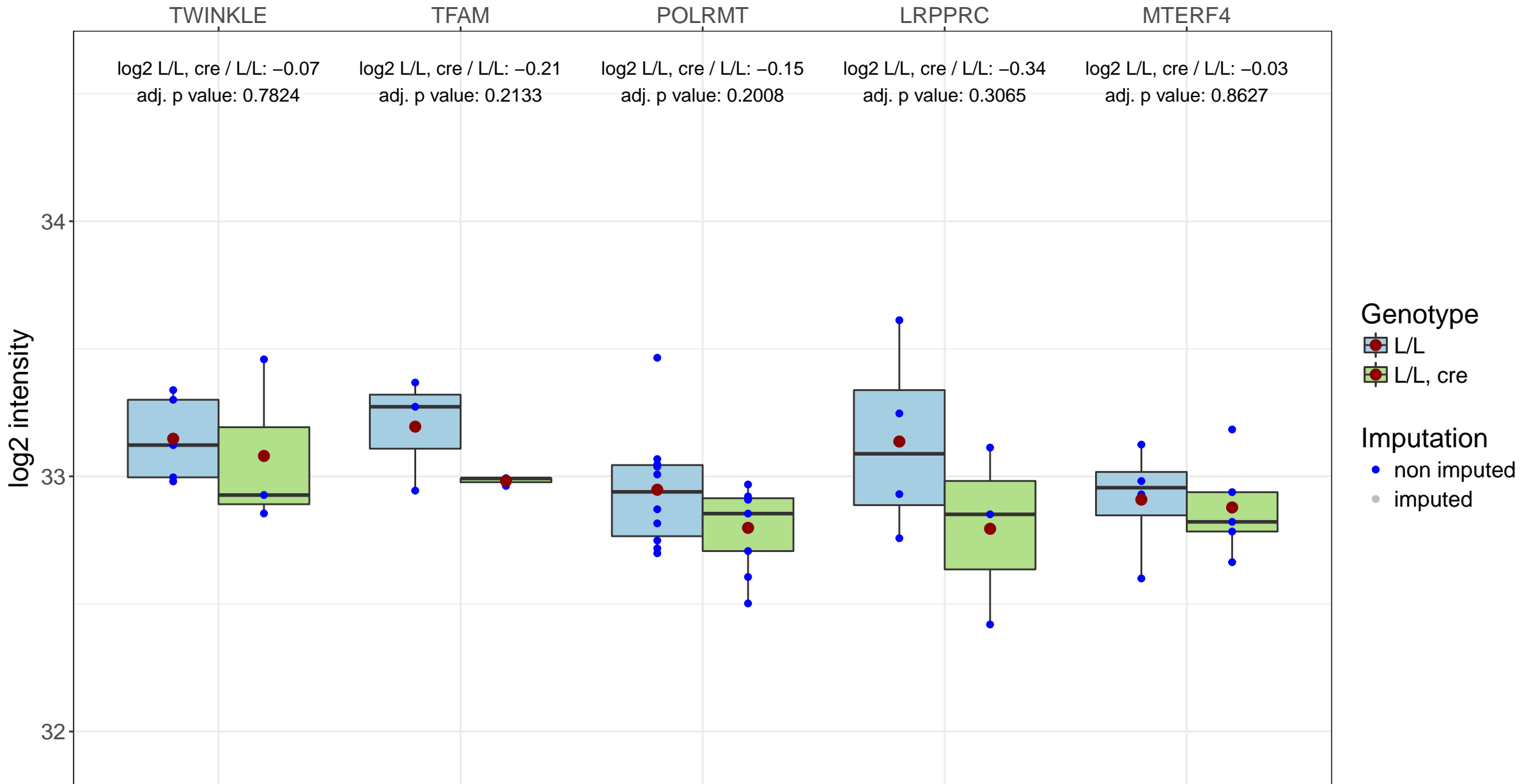
# MRPS34 / Q9JIK9



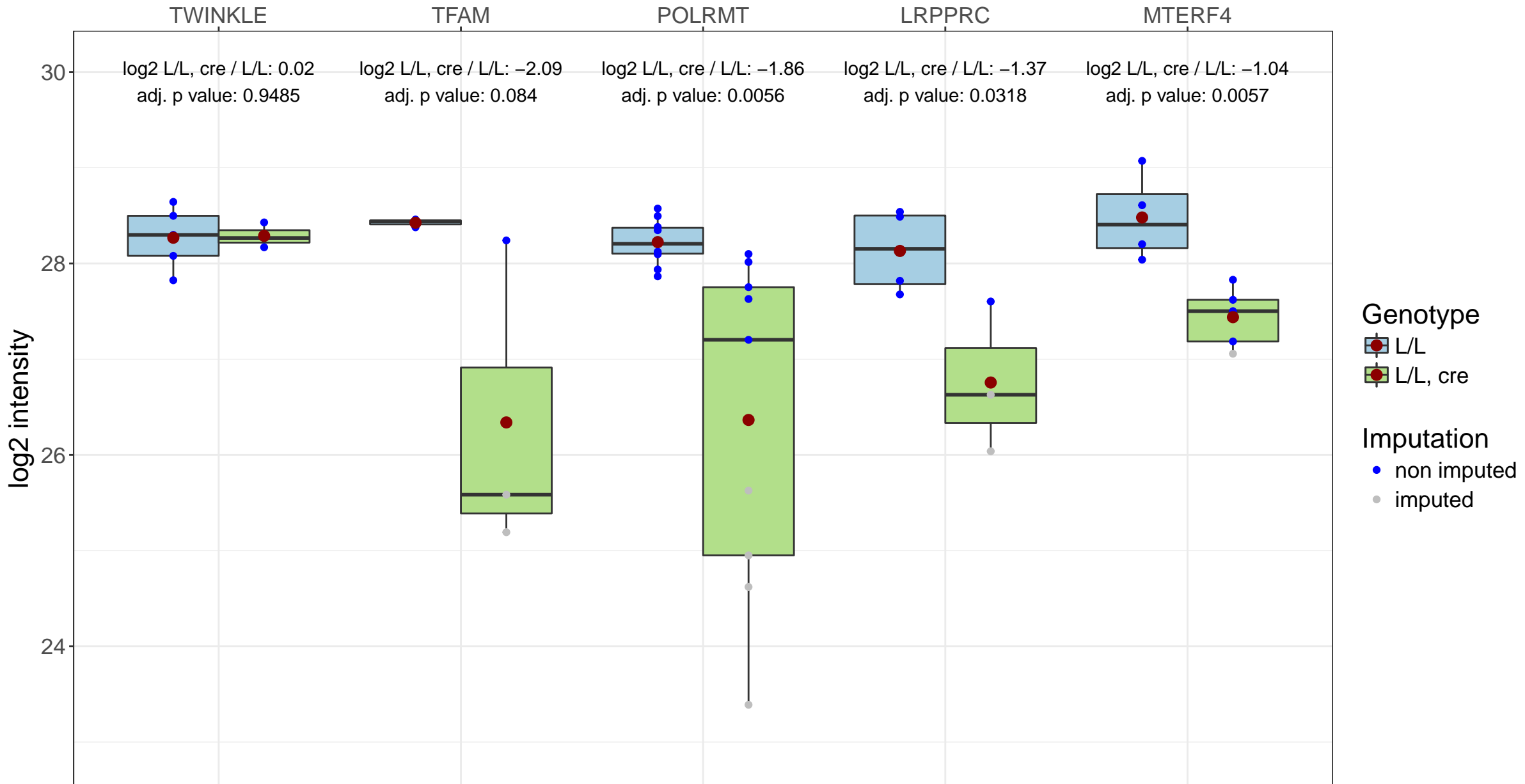
# MRPS35 / Q8BJZ4



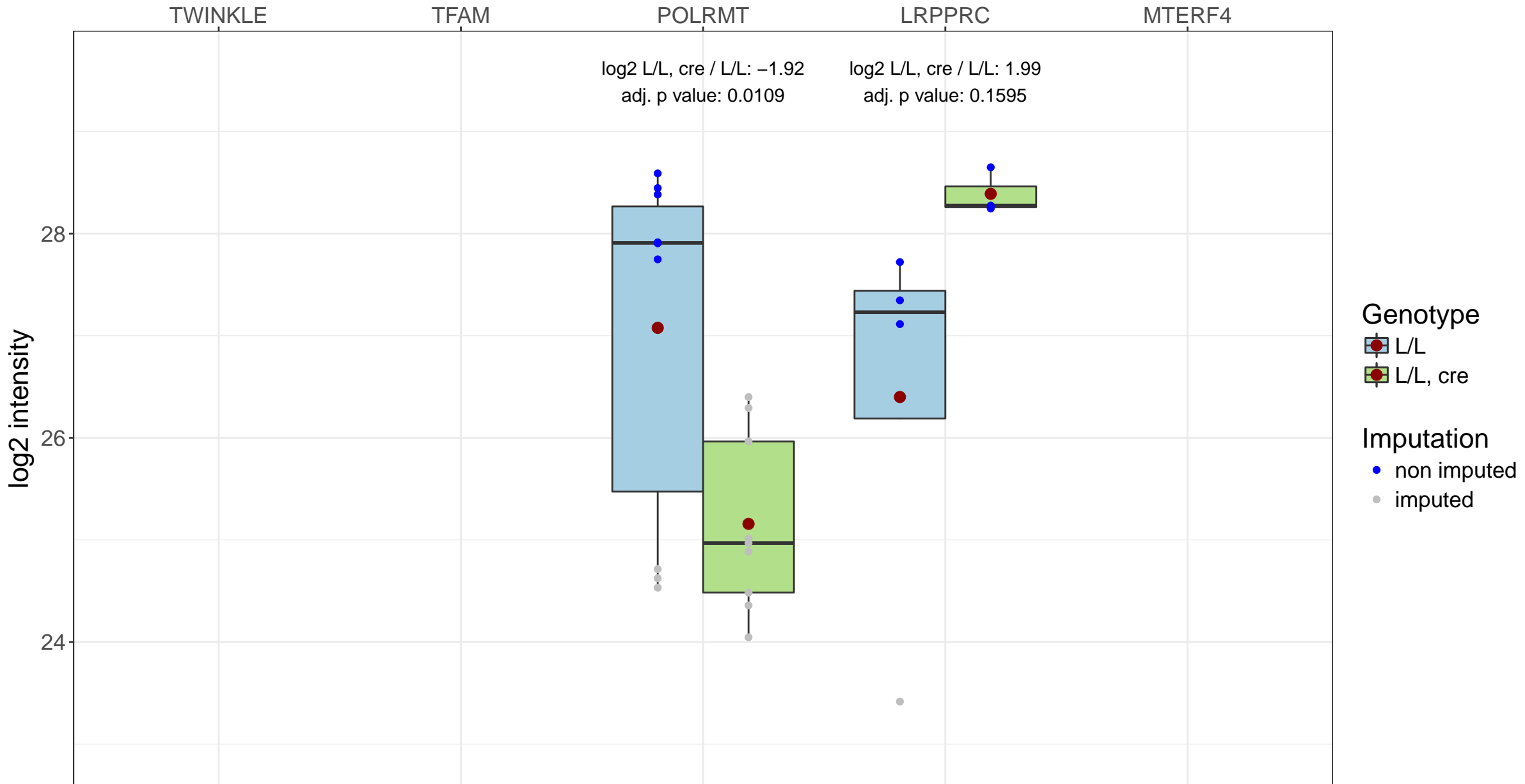
# MRPS36 / Q9CQX8



# MRPS36 / Q9D6T9

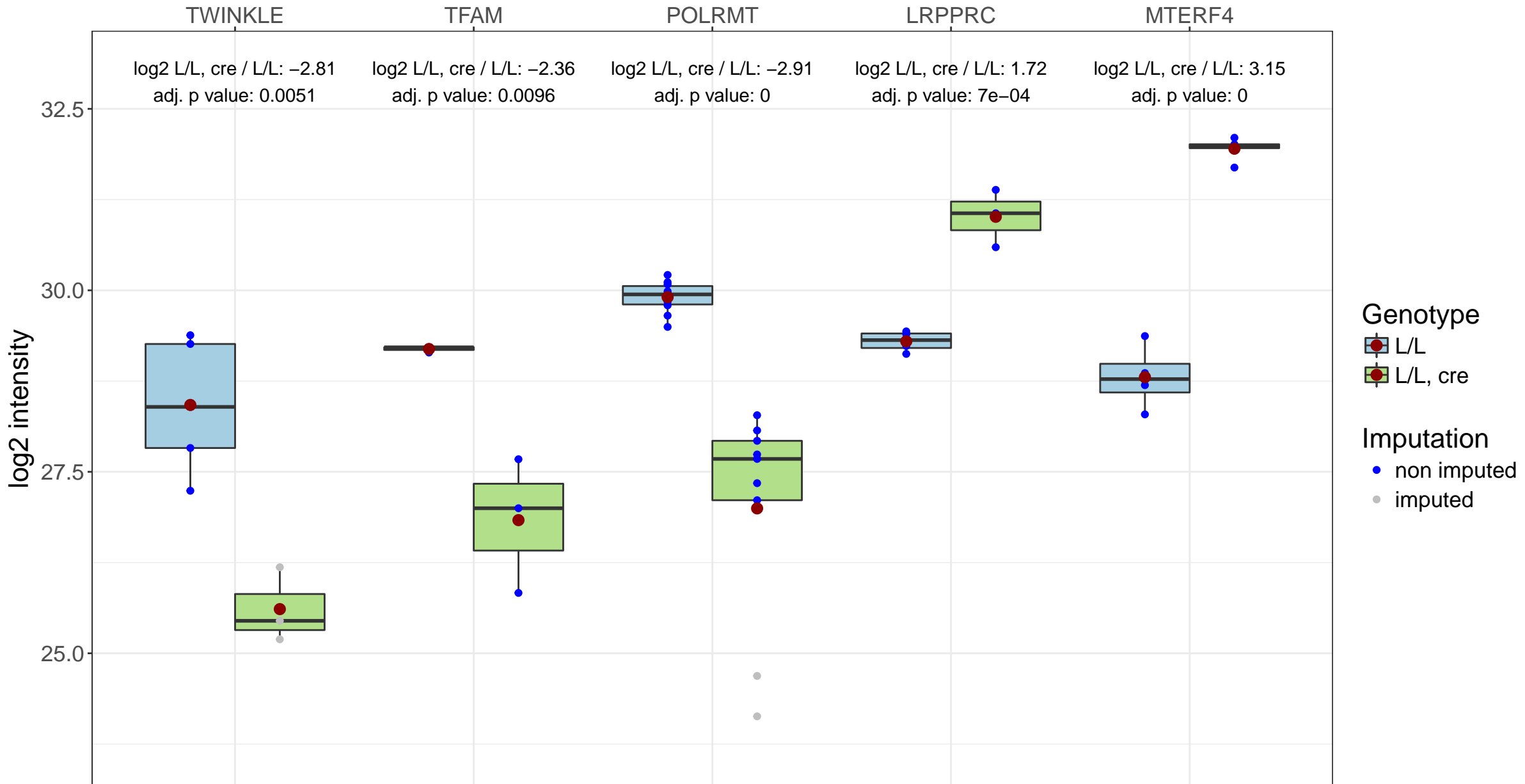


# MRPS37 / Q9CQA6

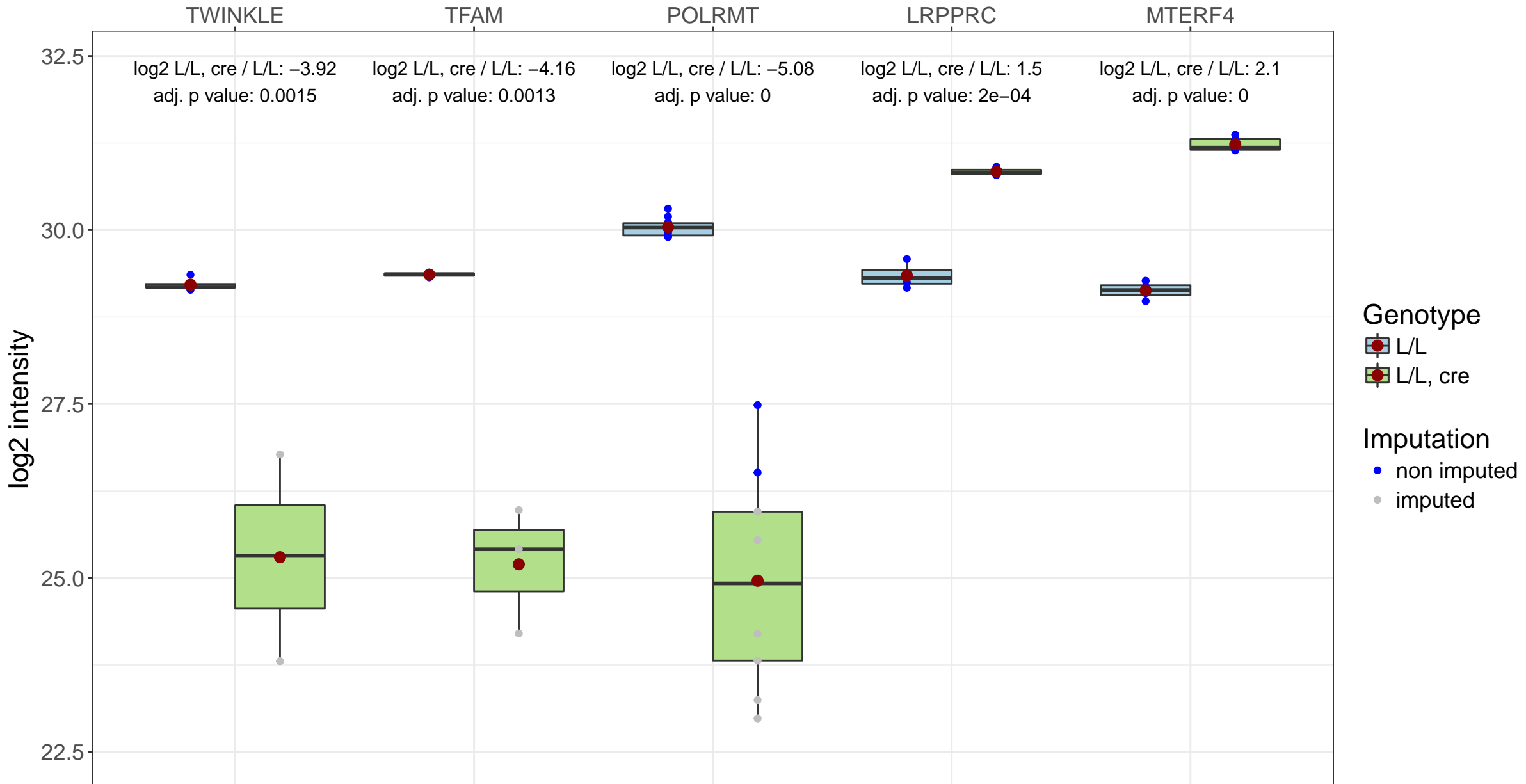




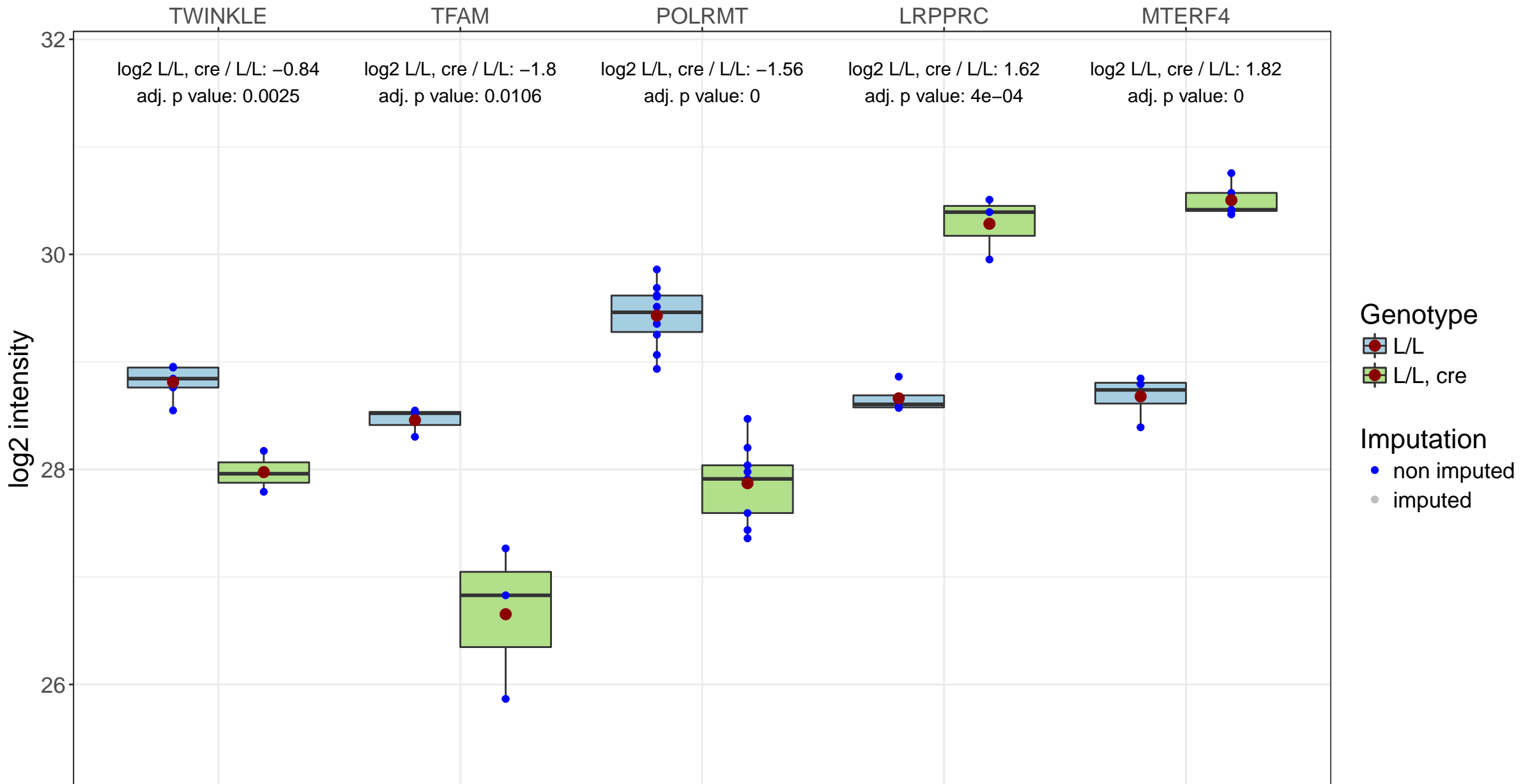
# MRPS39 / Q14C51



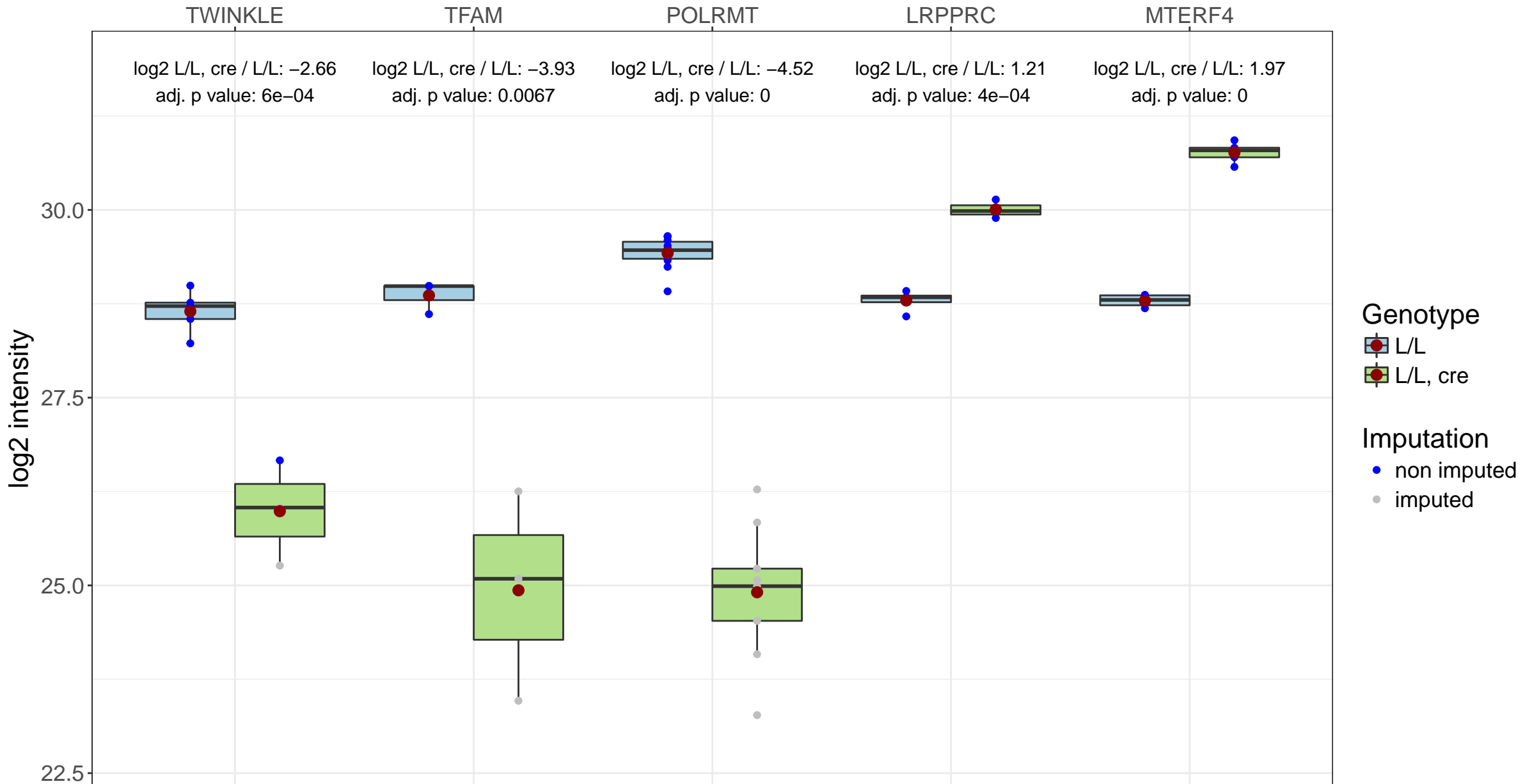
# MRPS5 / Q99N87



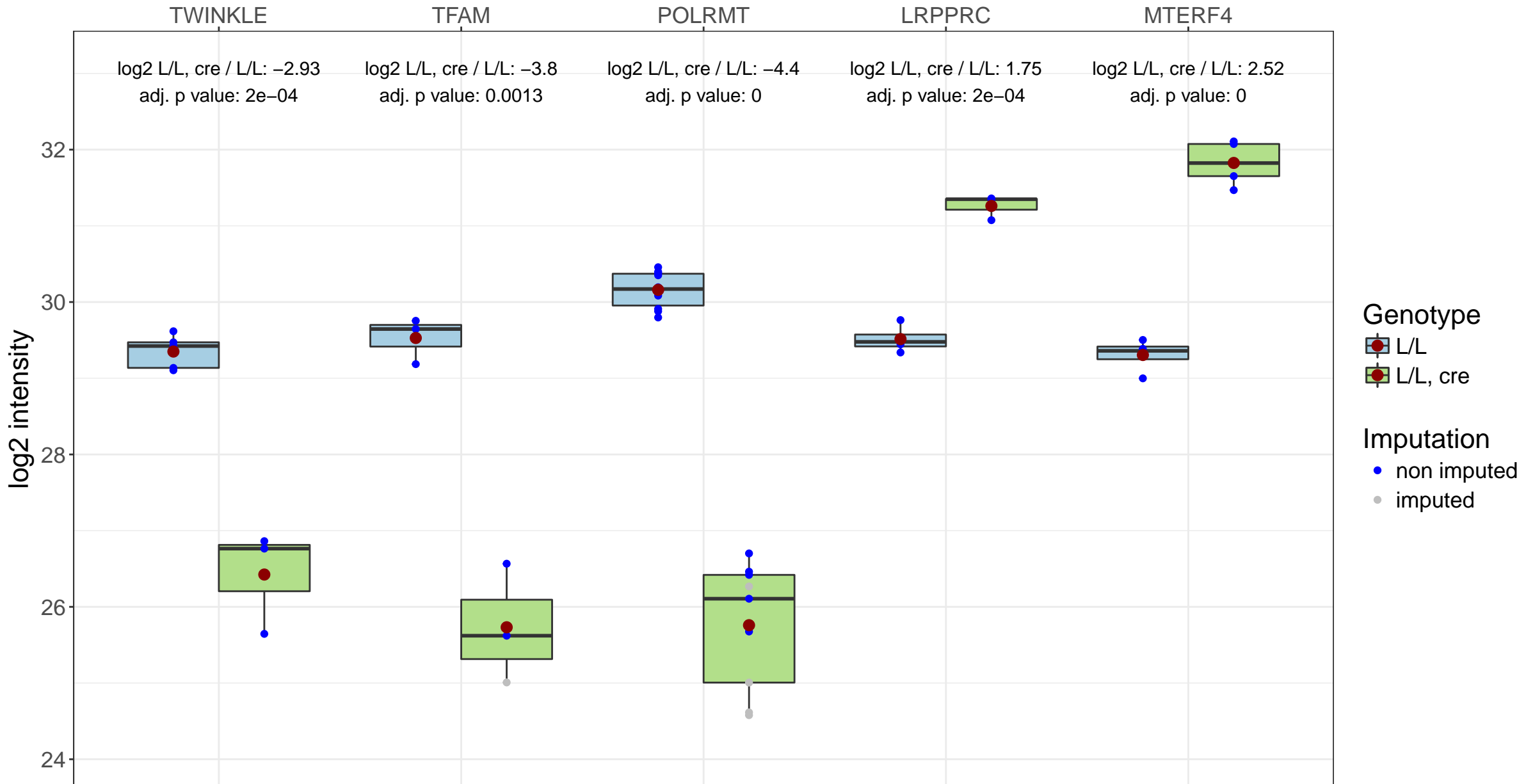
# MRPS6 / P58064



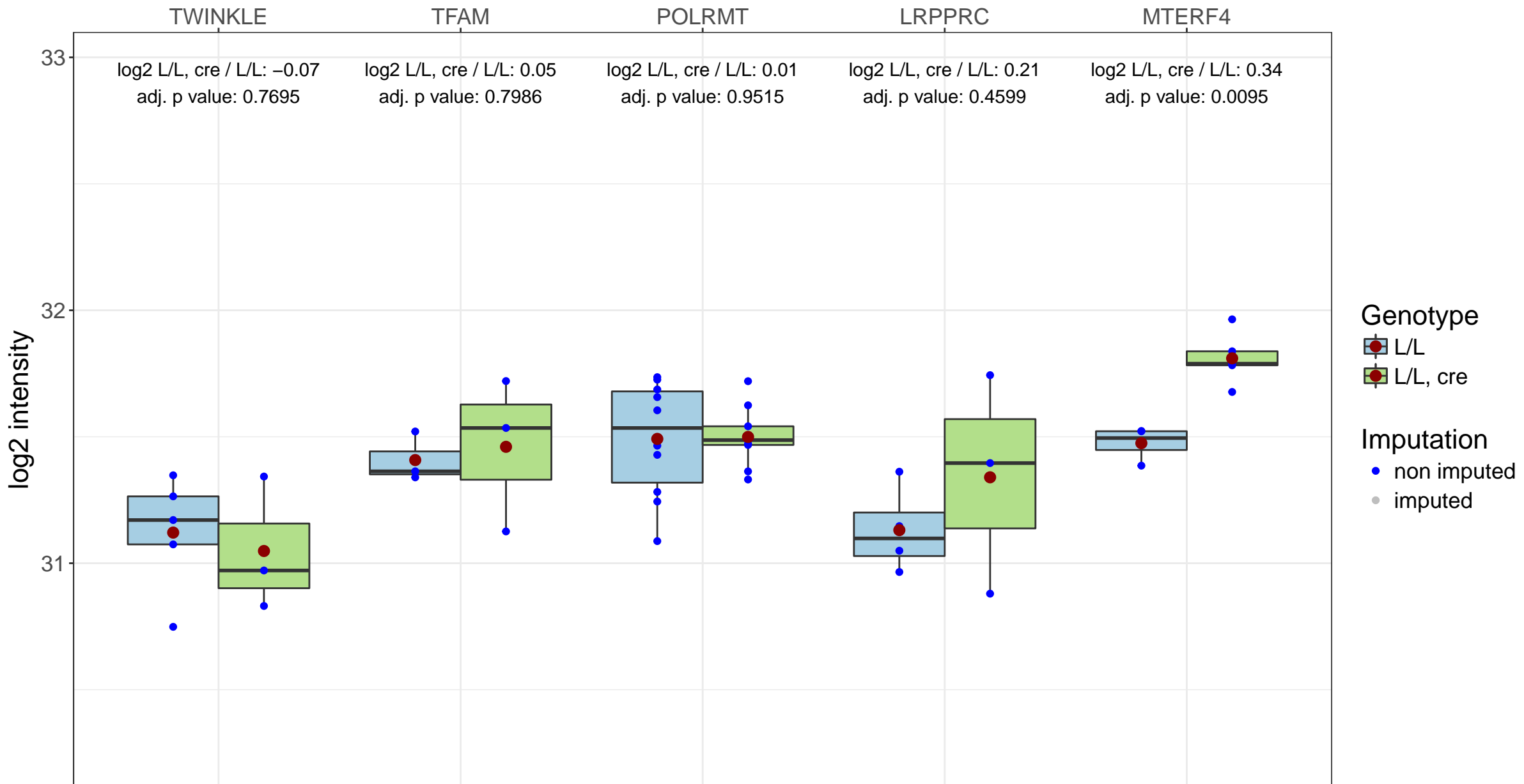
# MRPS7 / Q80X85



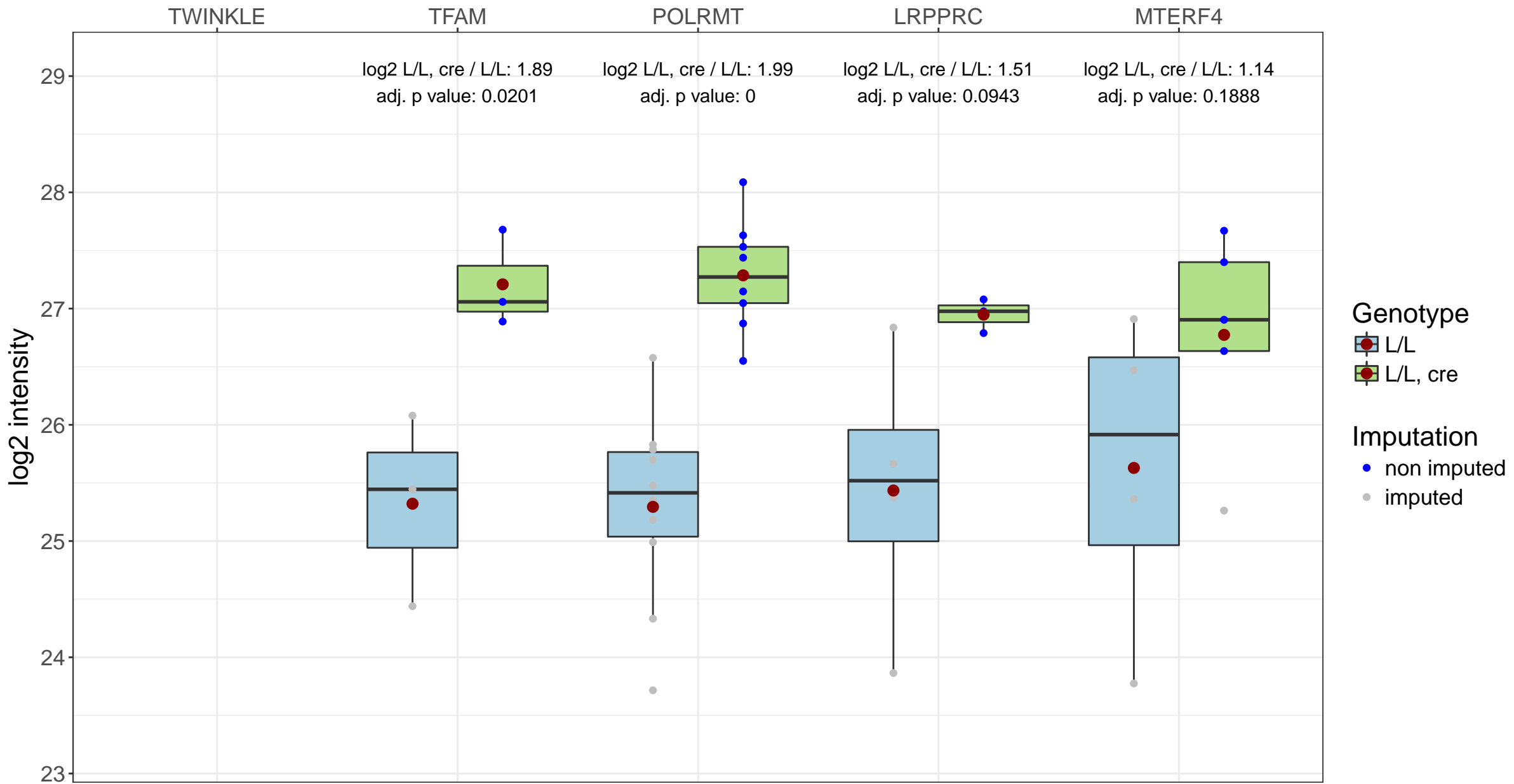
# MRPS9 / Q9D7N3



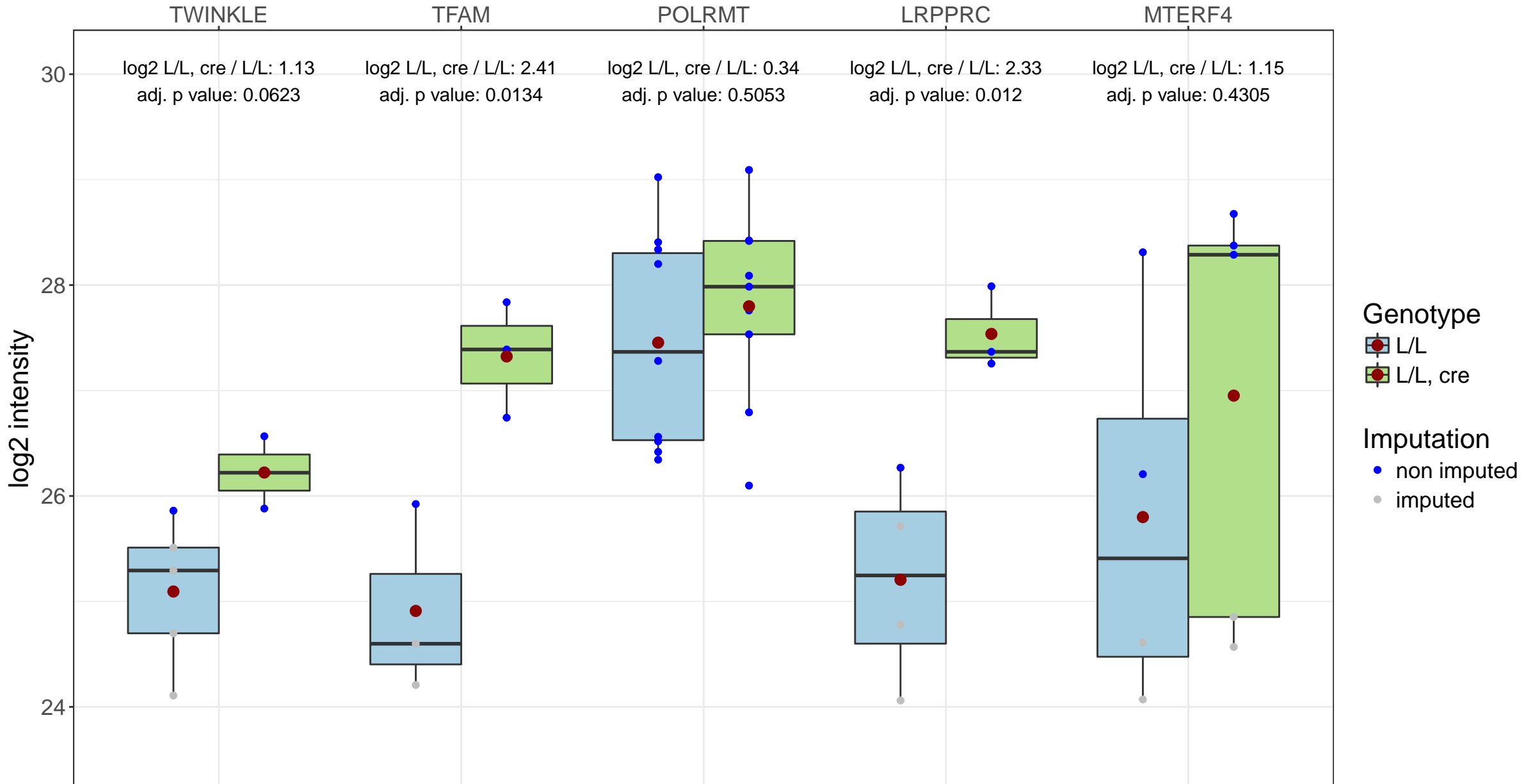
# MRRF / Q9D6S7



# MRS2 / Q5NCE8

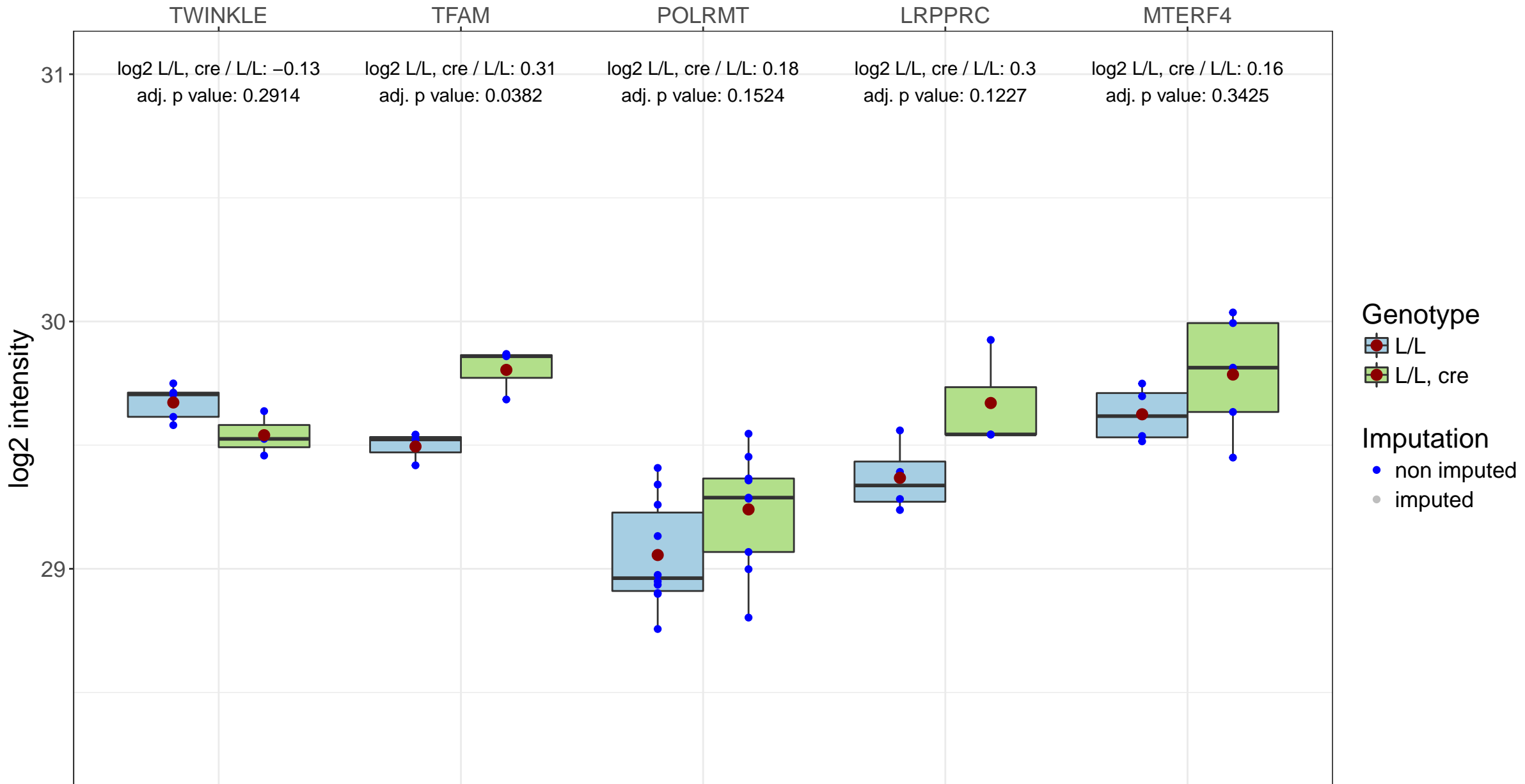


# MSN / P26041

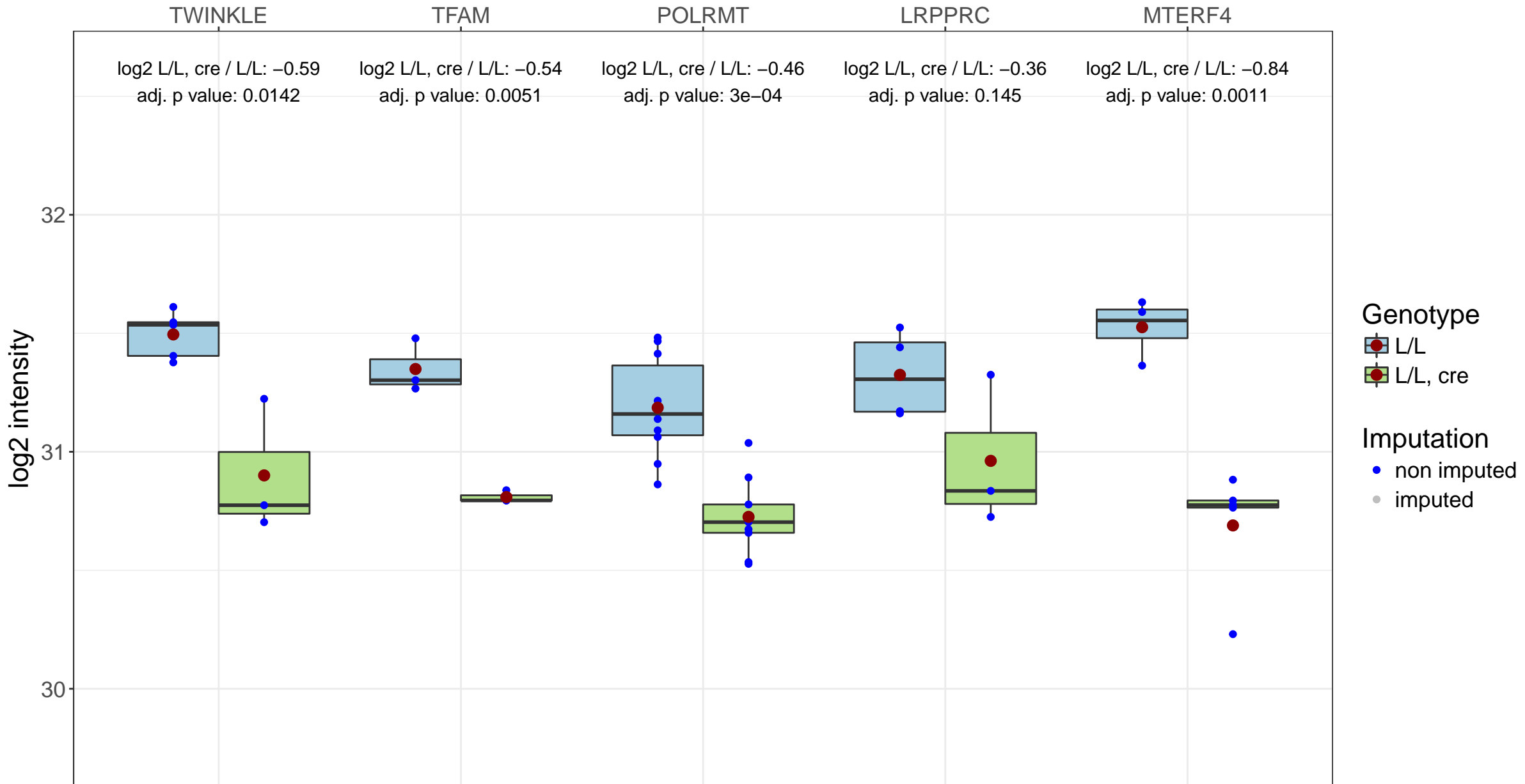




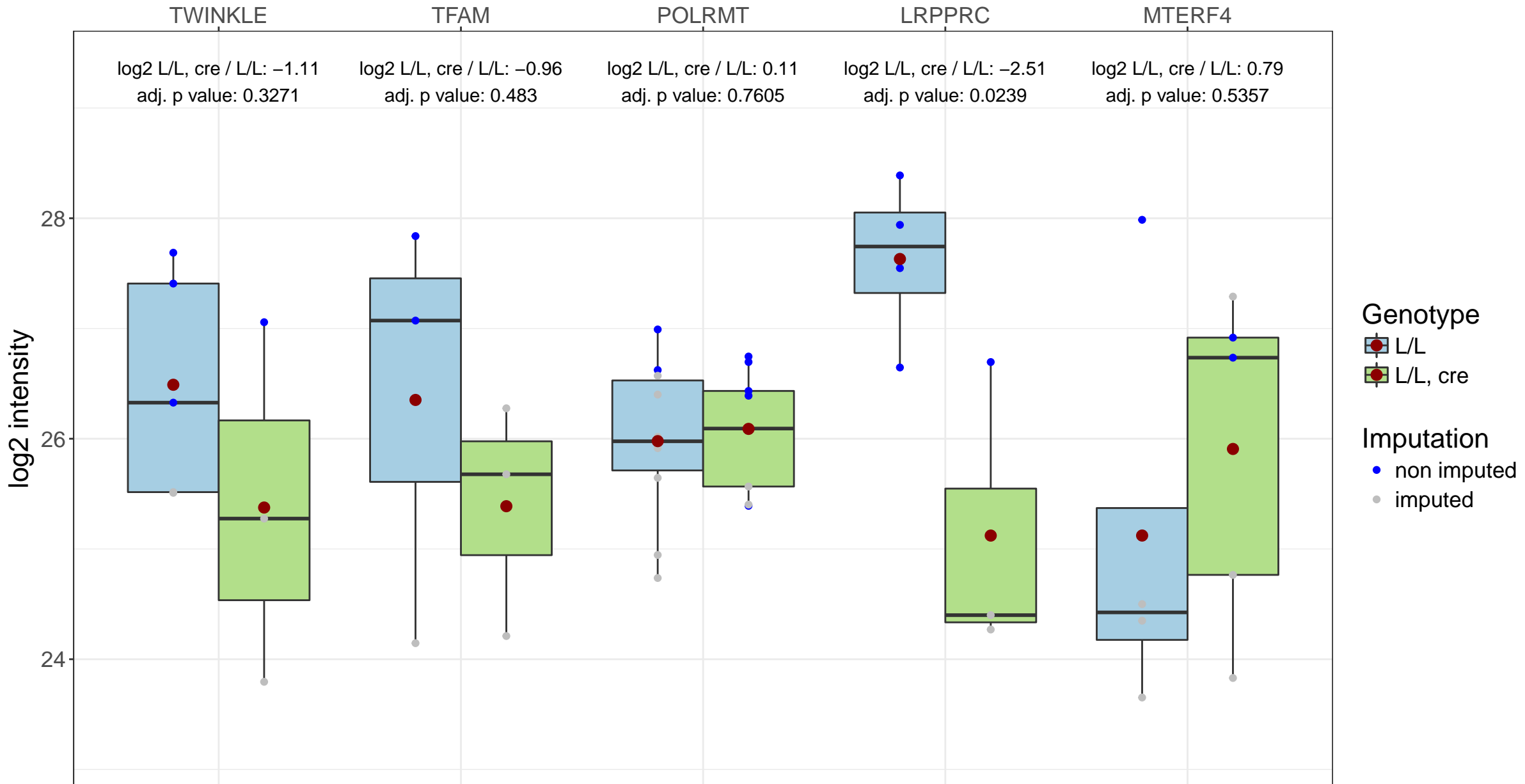
# MSRA / Q9D6Y7-2



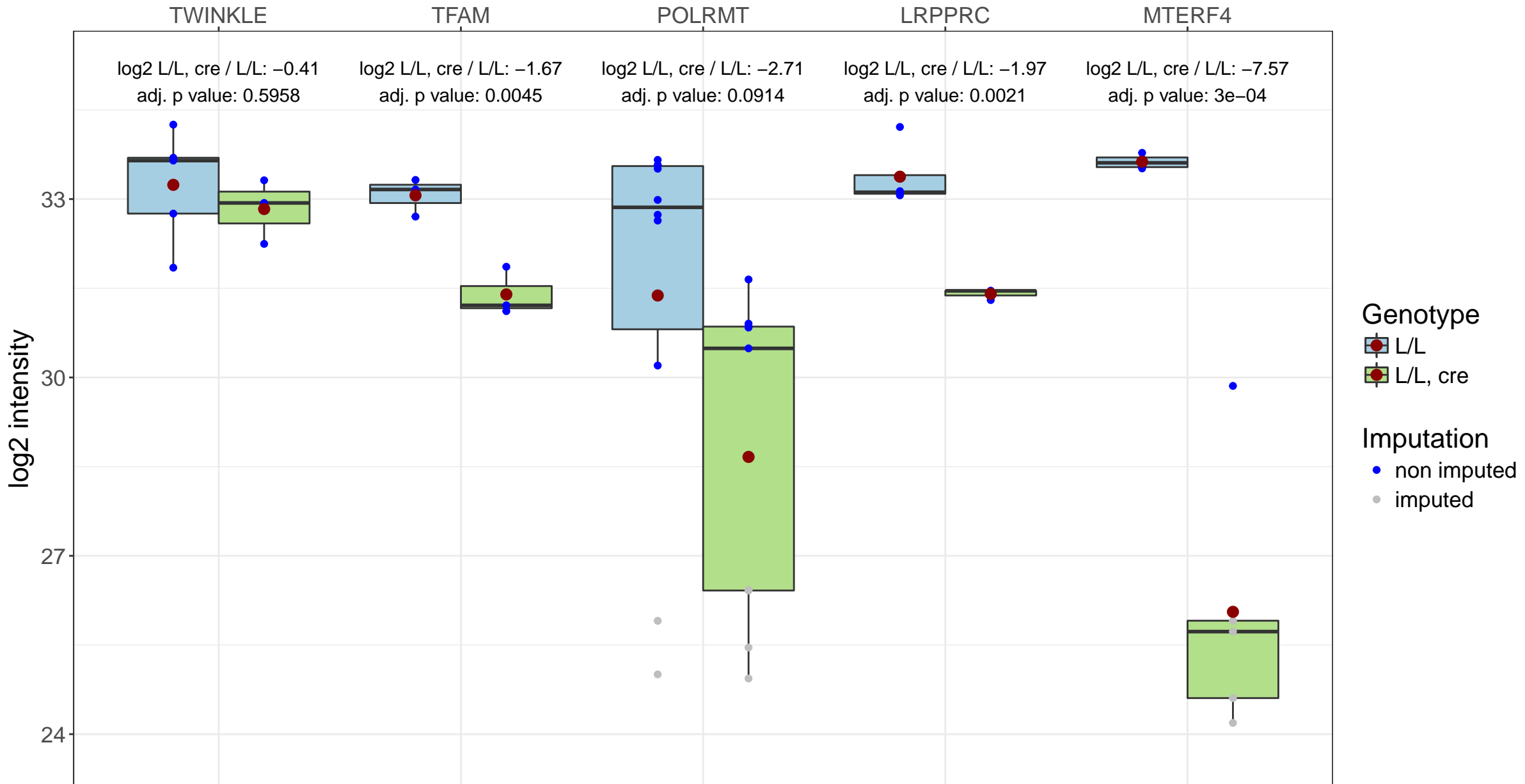
# MSRB2 / Q78J03



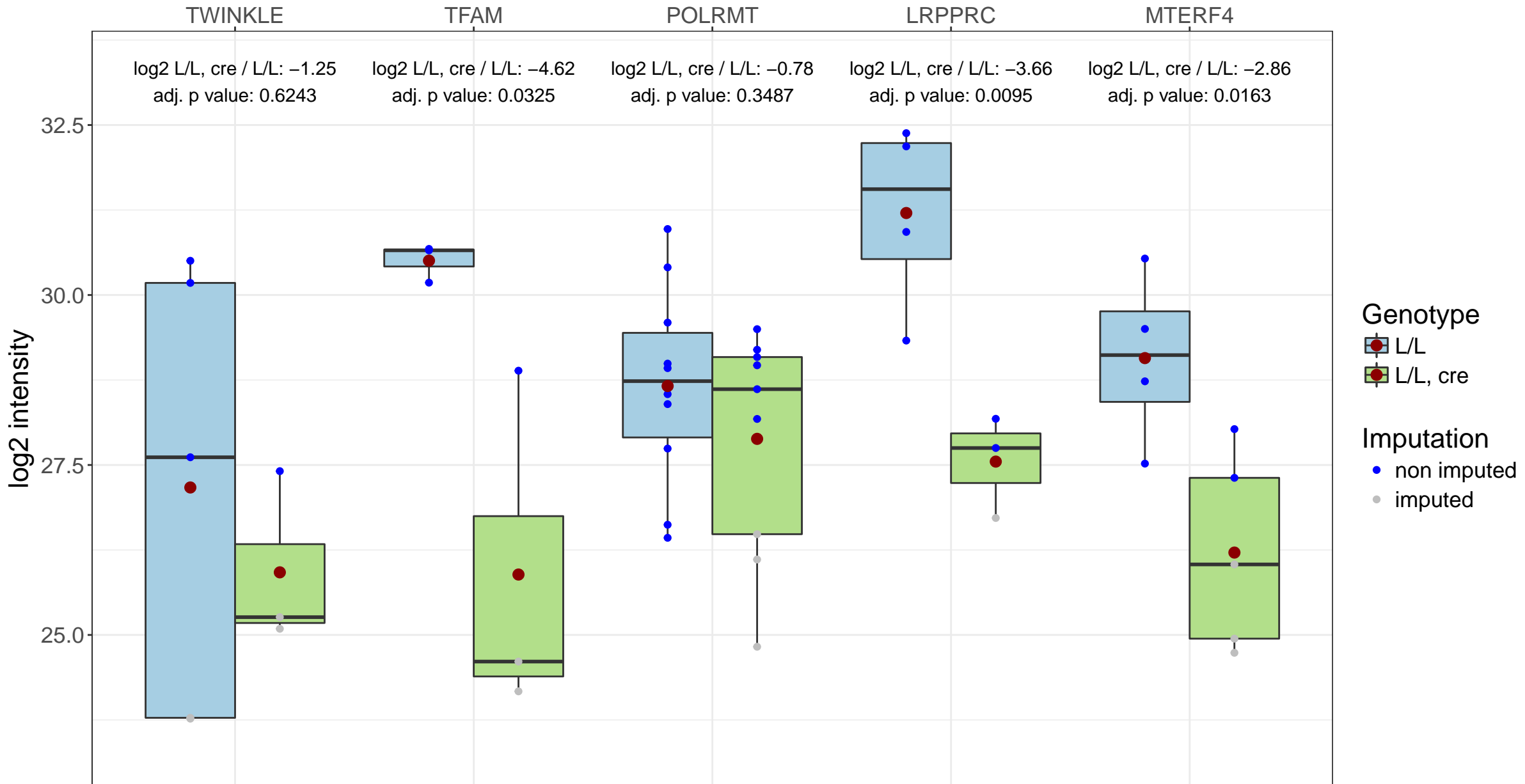
# MT-ATP6 / Q7JCY9



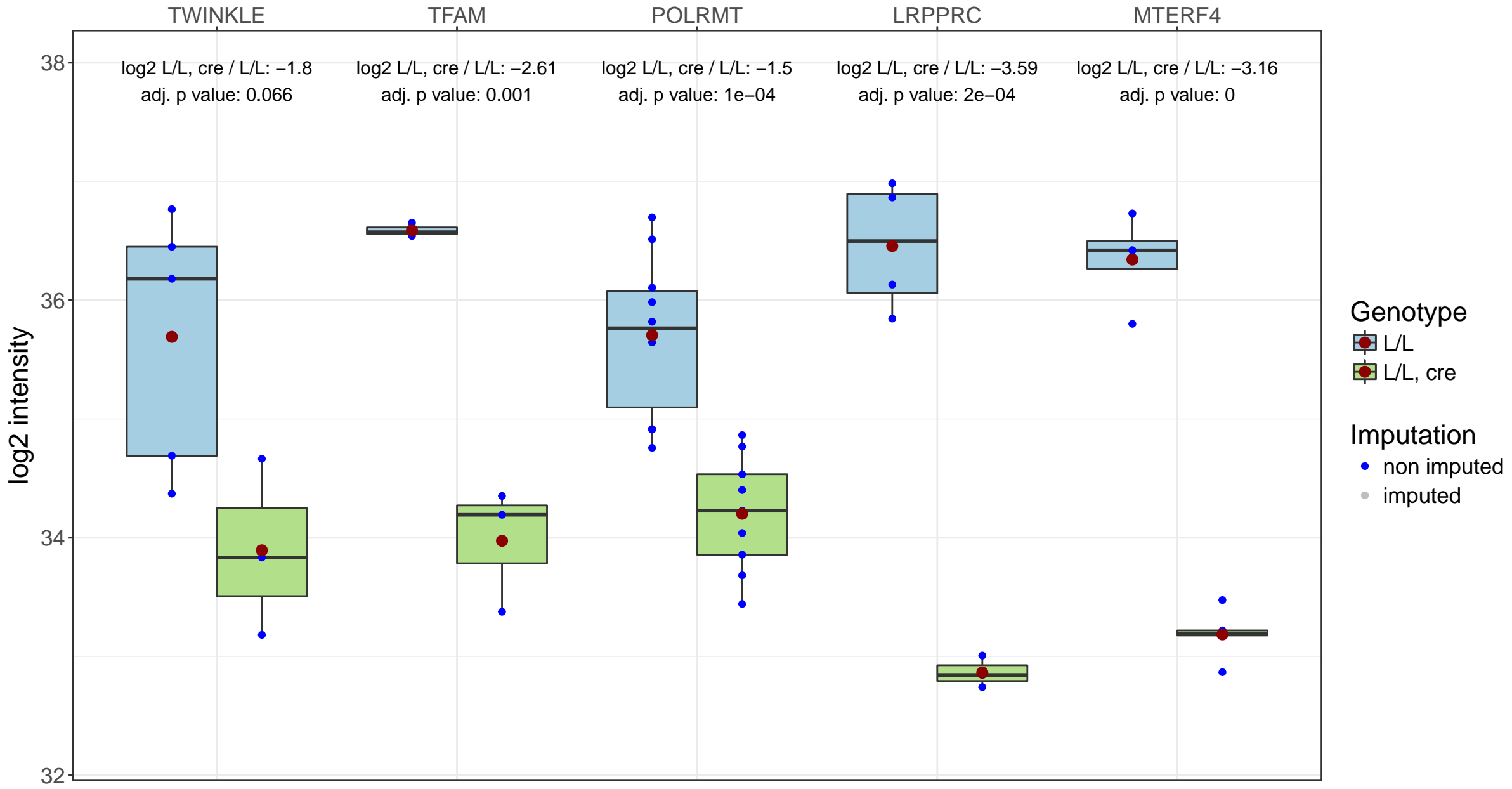
# MT-ATP8 / Q7JCZ0



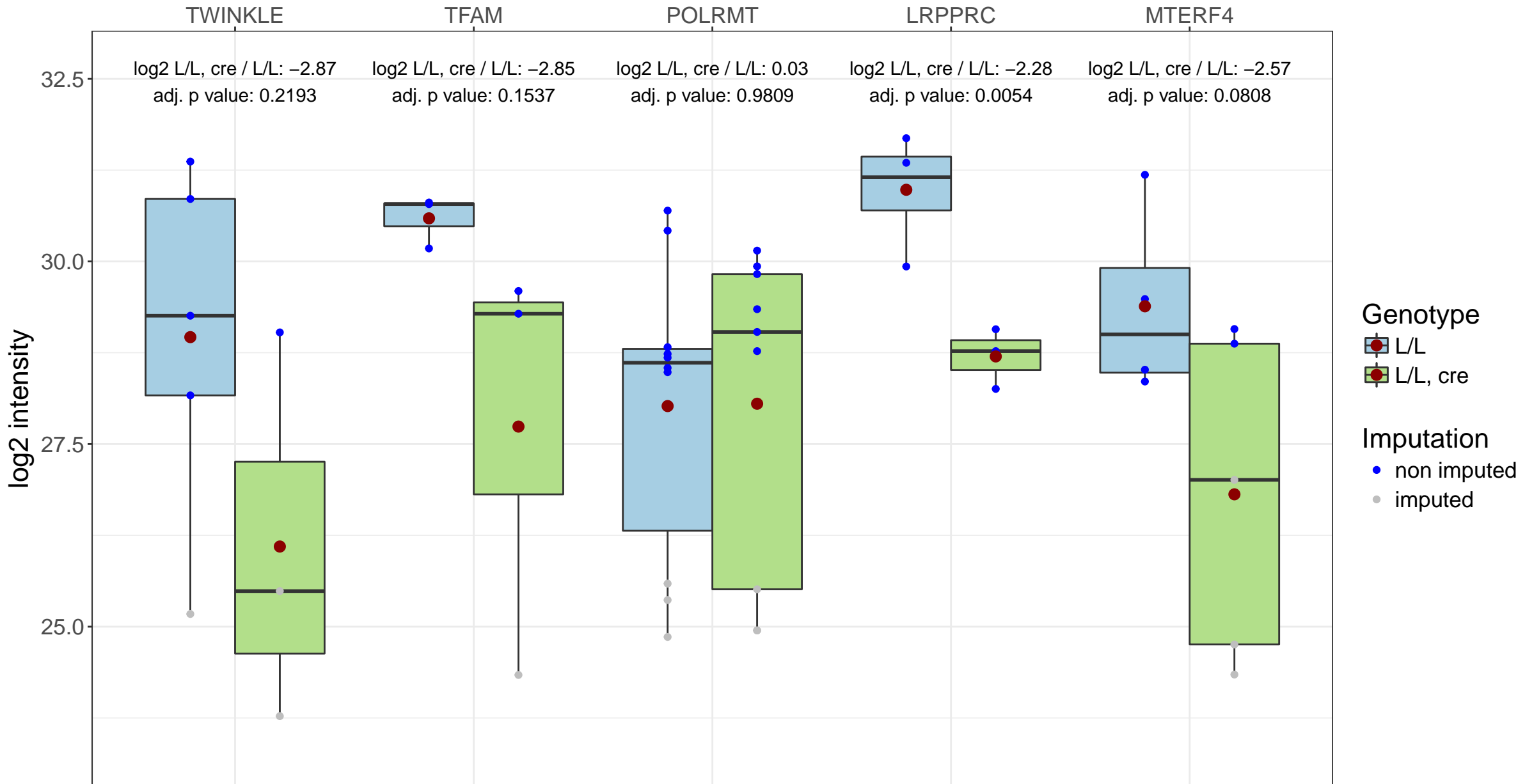
# MT-CO1 / Q9MD68



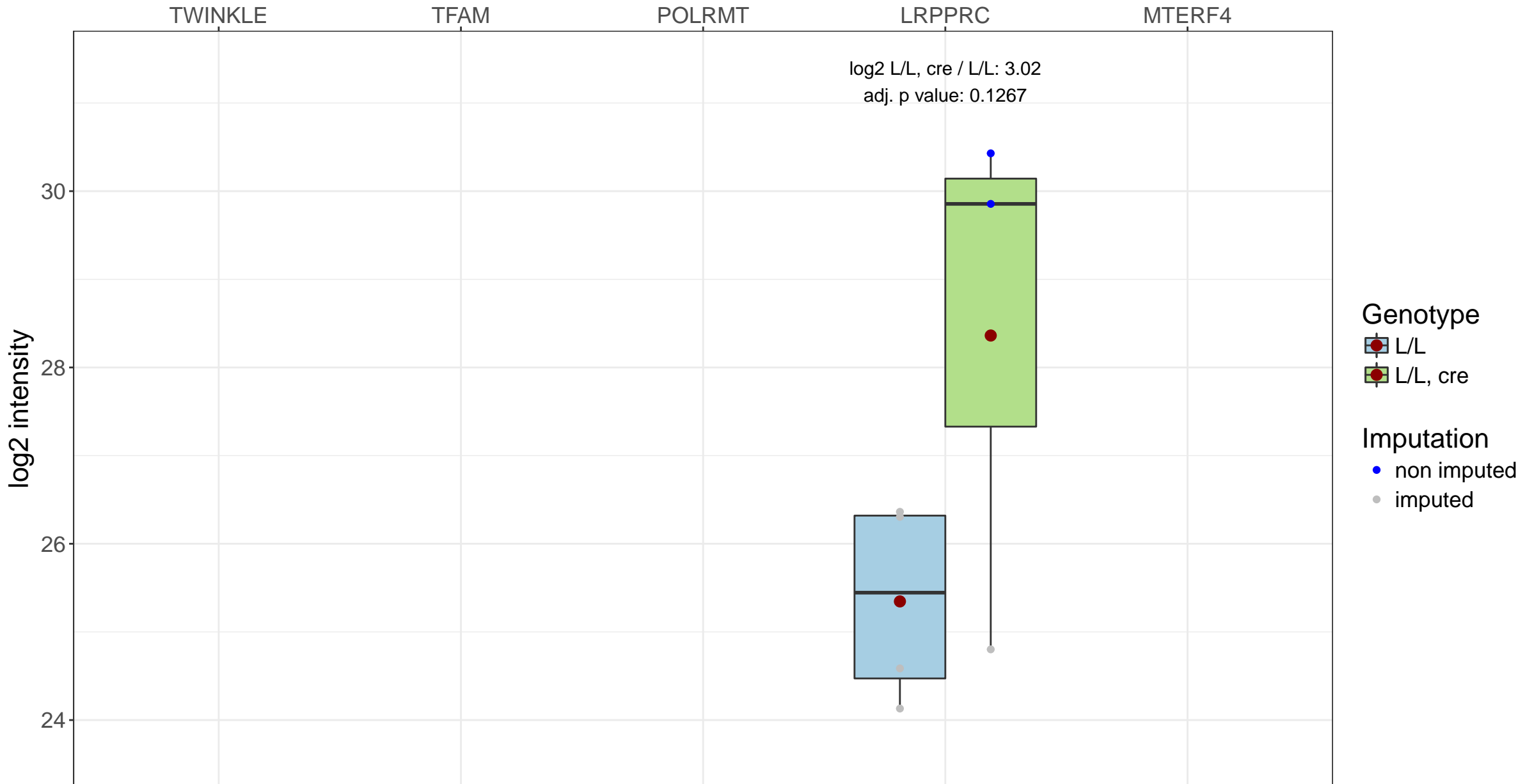
# MT-CO2 / Q7JCZ1



# MT-CO3 / Q7JCX7

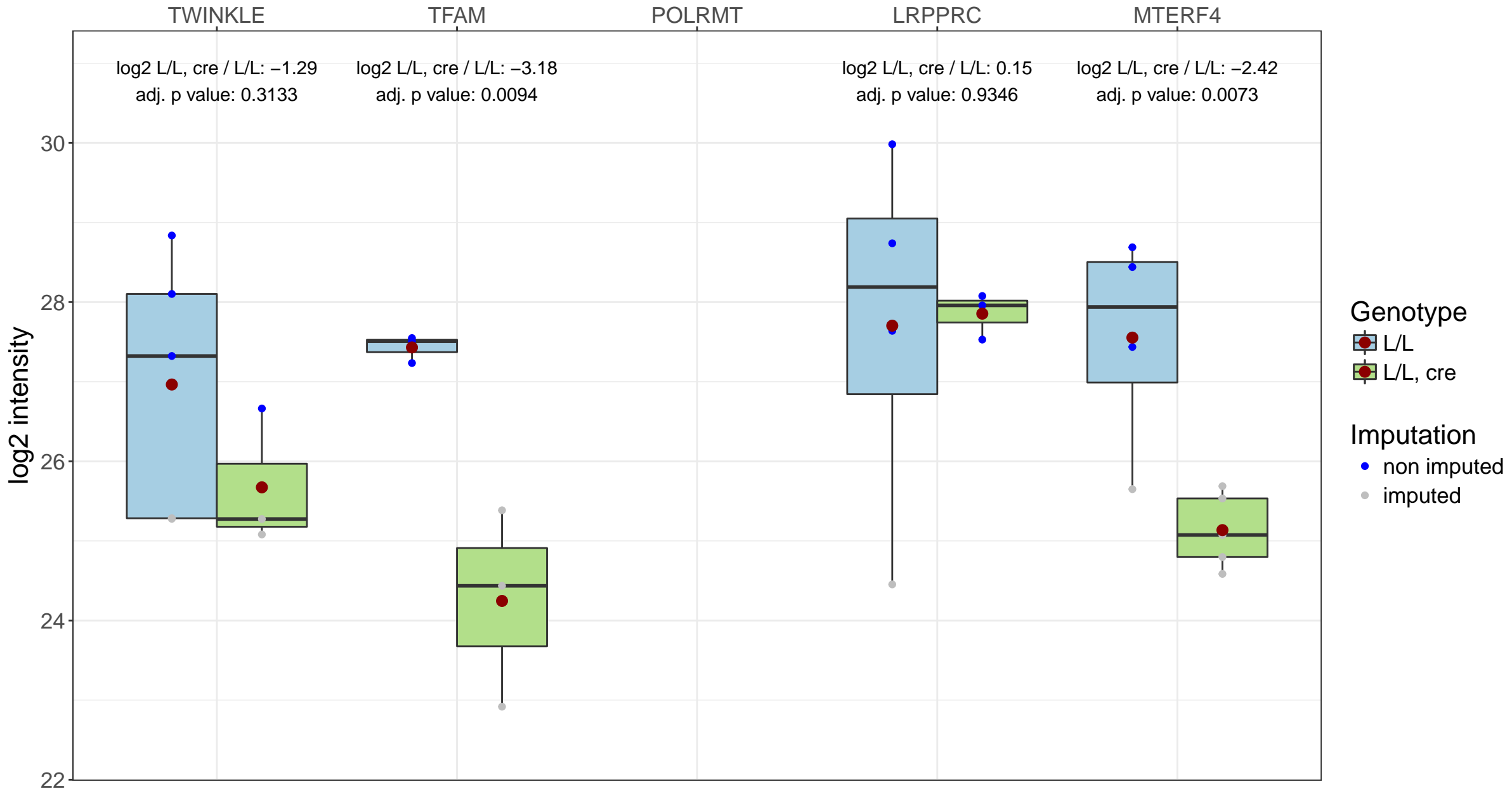


# MT-CYTB / Q7JCZ3

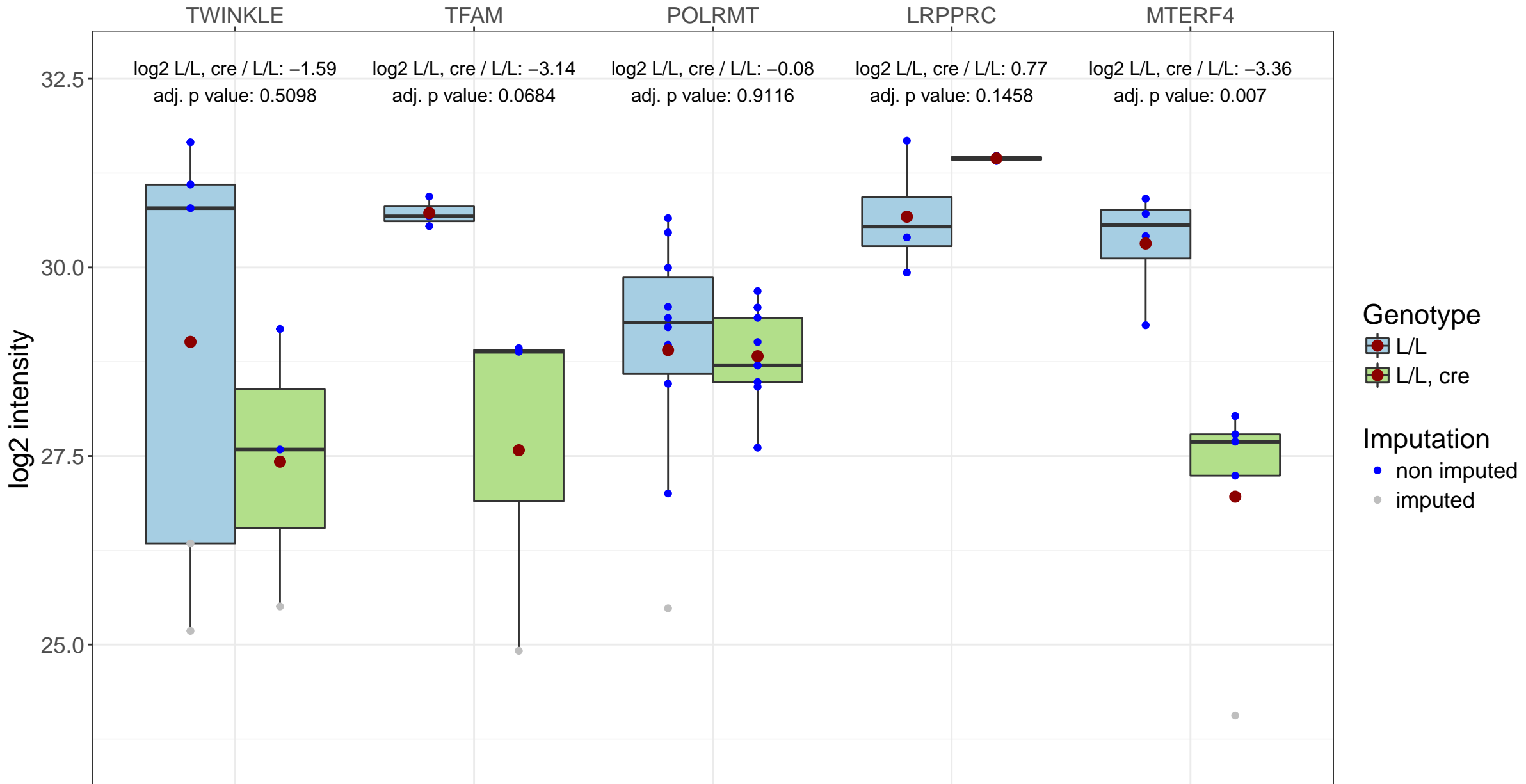




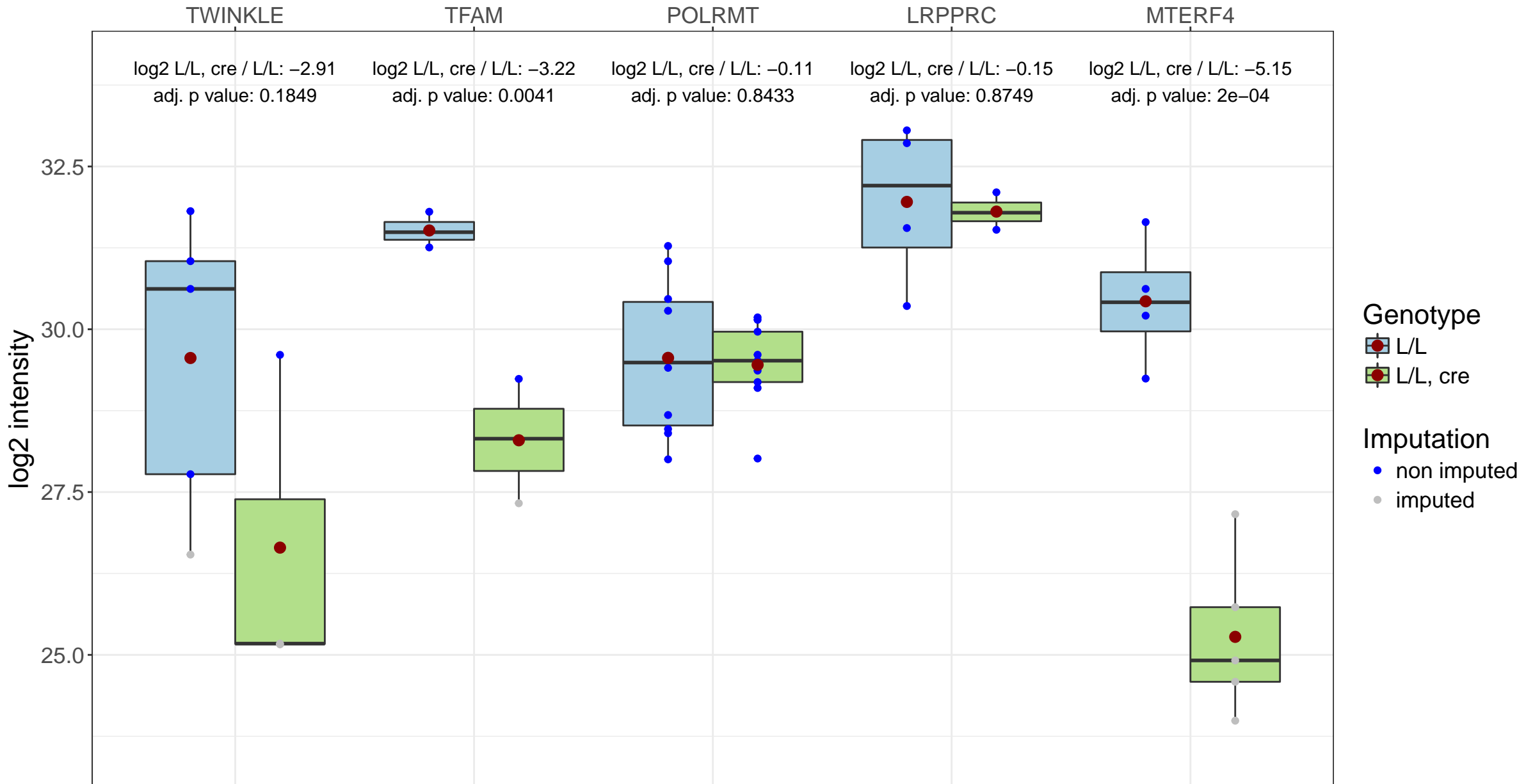
# MT-ND2 / Q9MD59



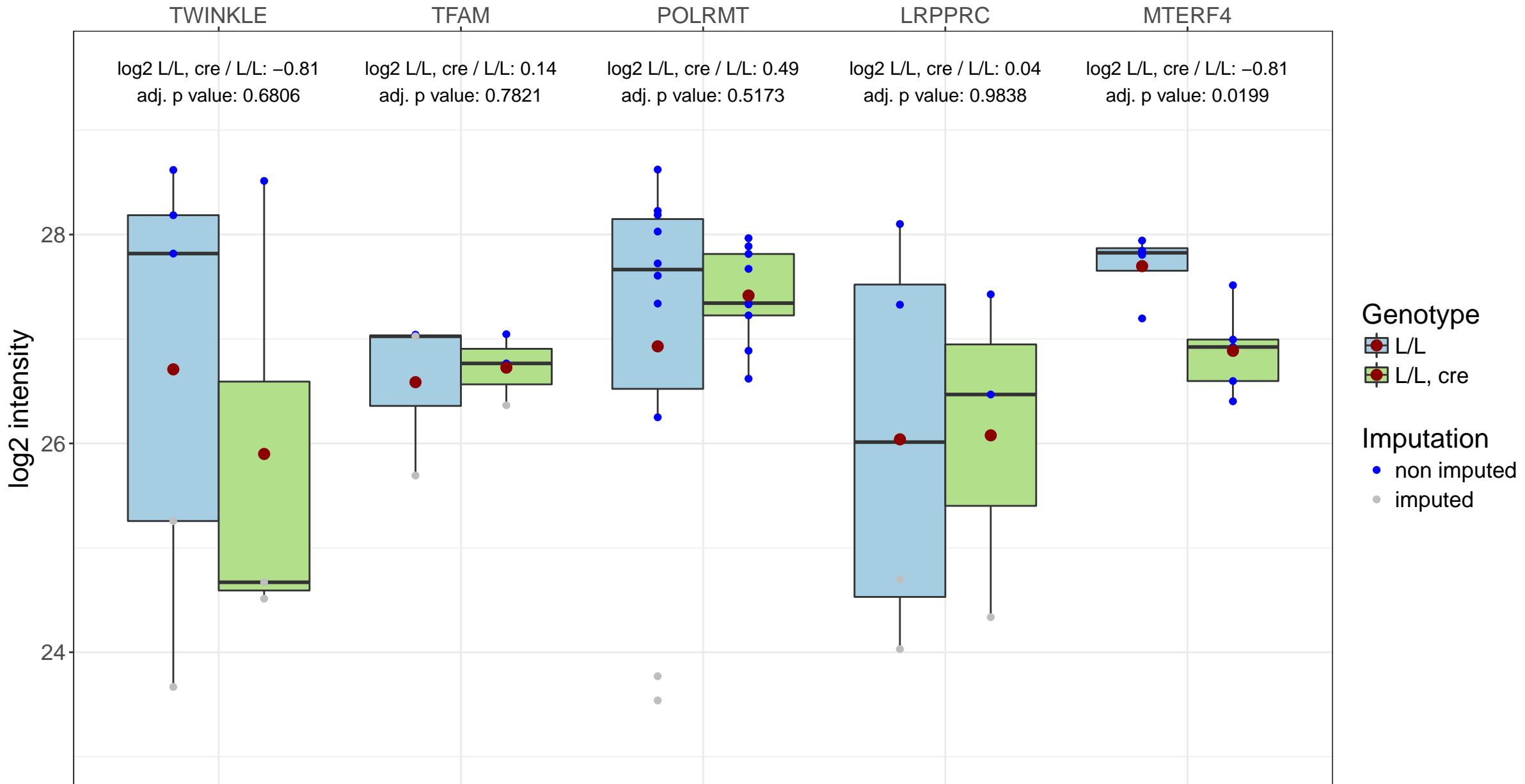
# MT-ND4 / Q7JCY6



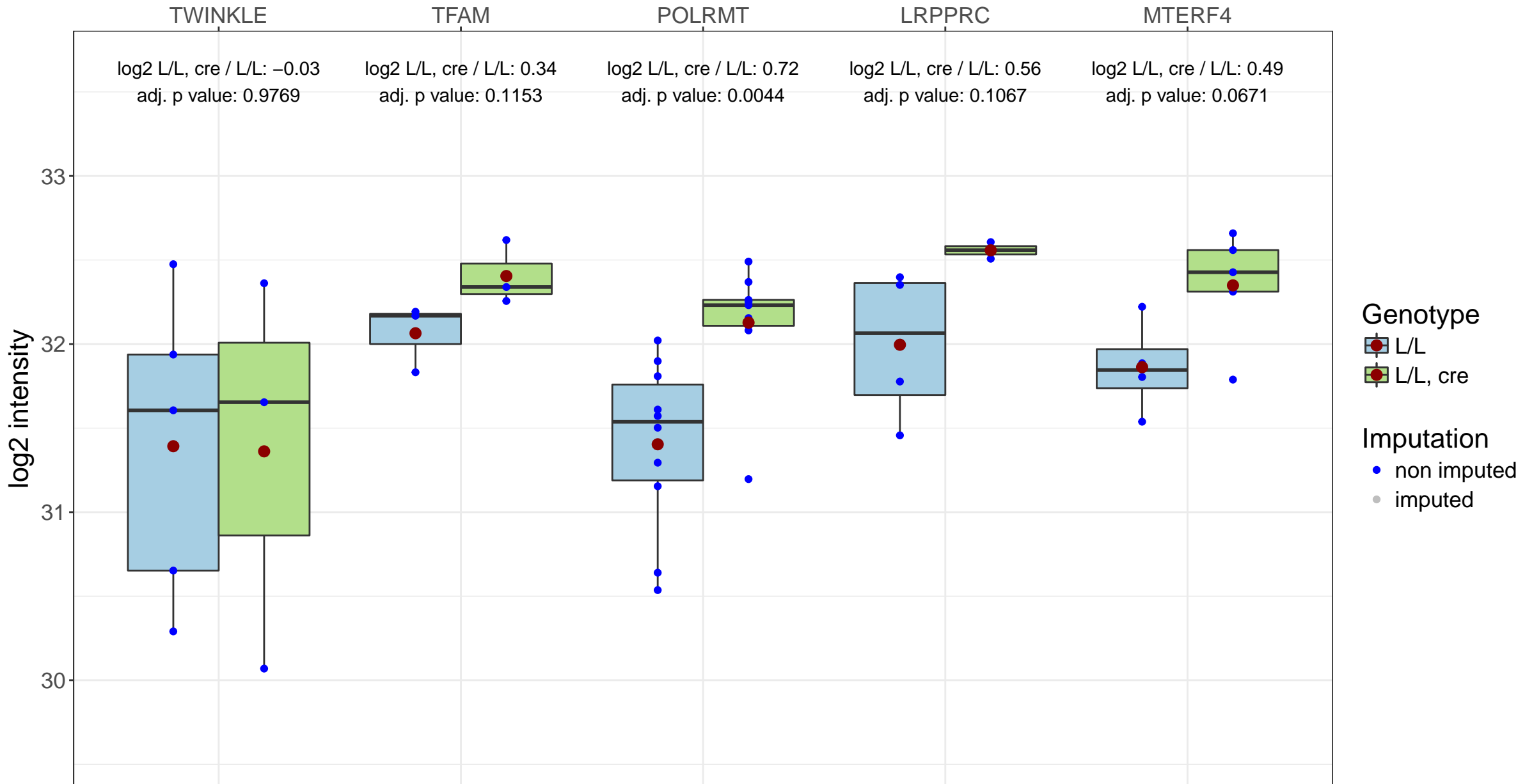
# MT-ND5 / Q9MD82



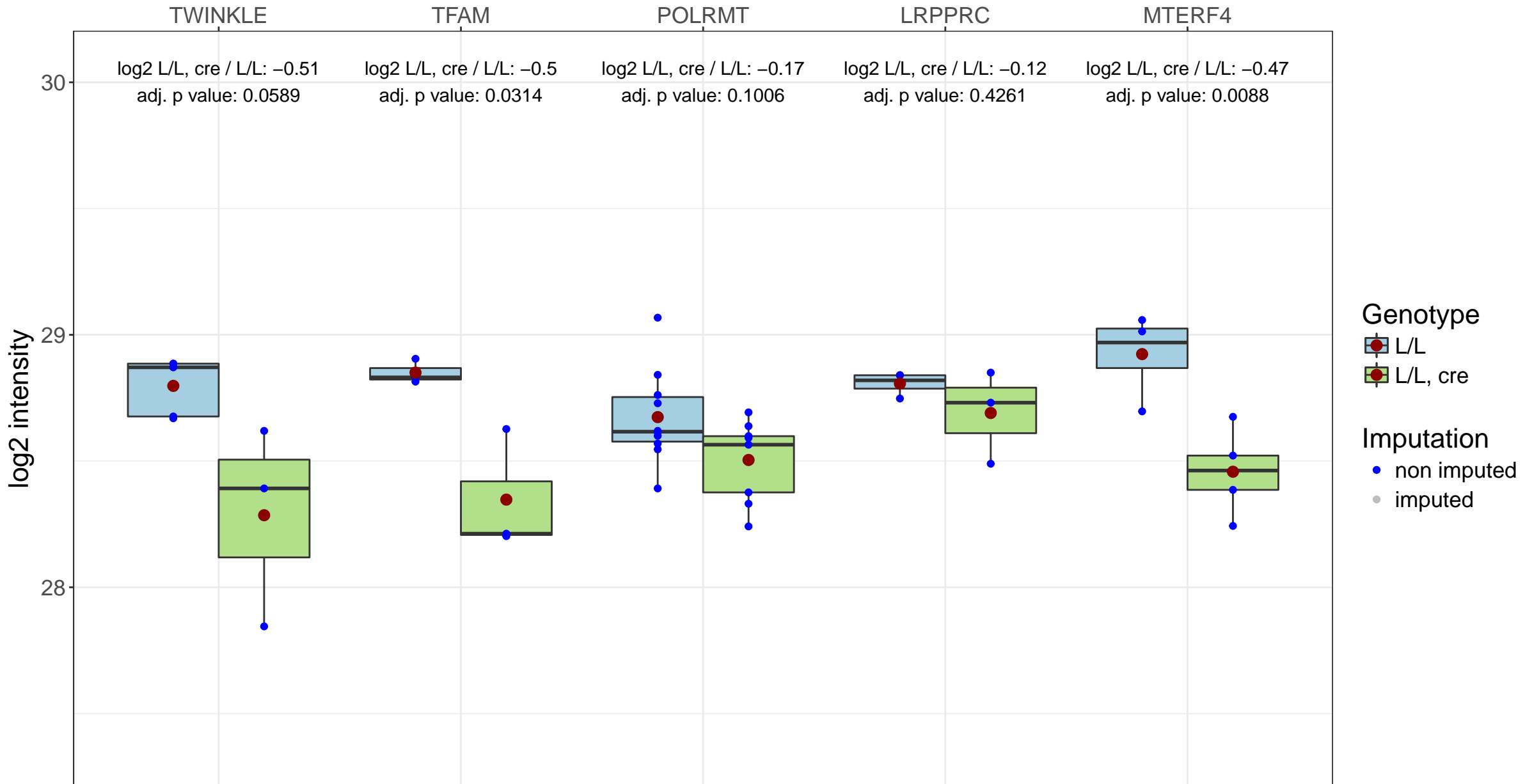
# MTCH1 / Q791T5-2



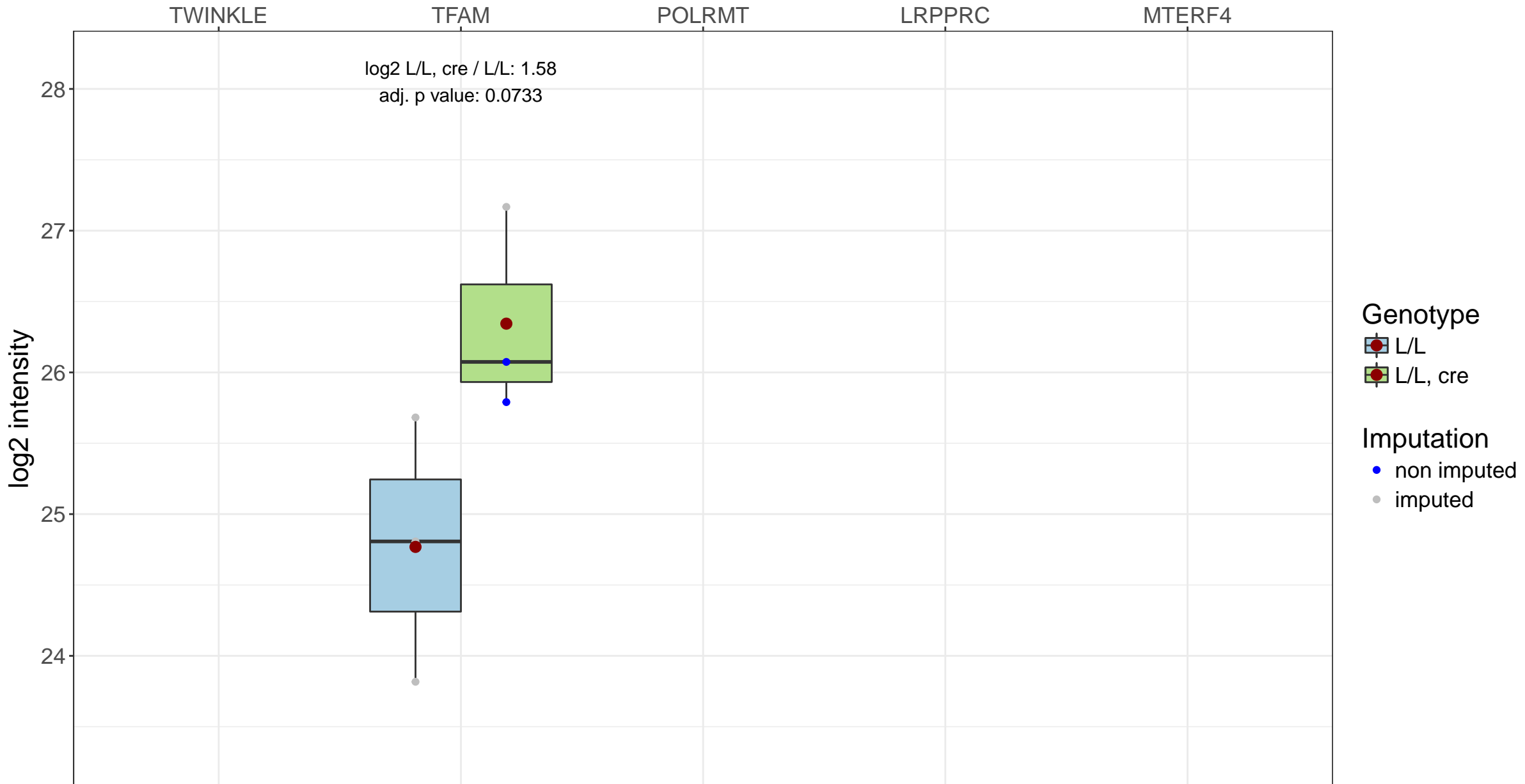
# MTCH2 / Q791V5



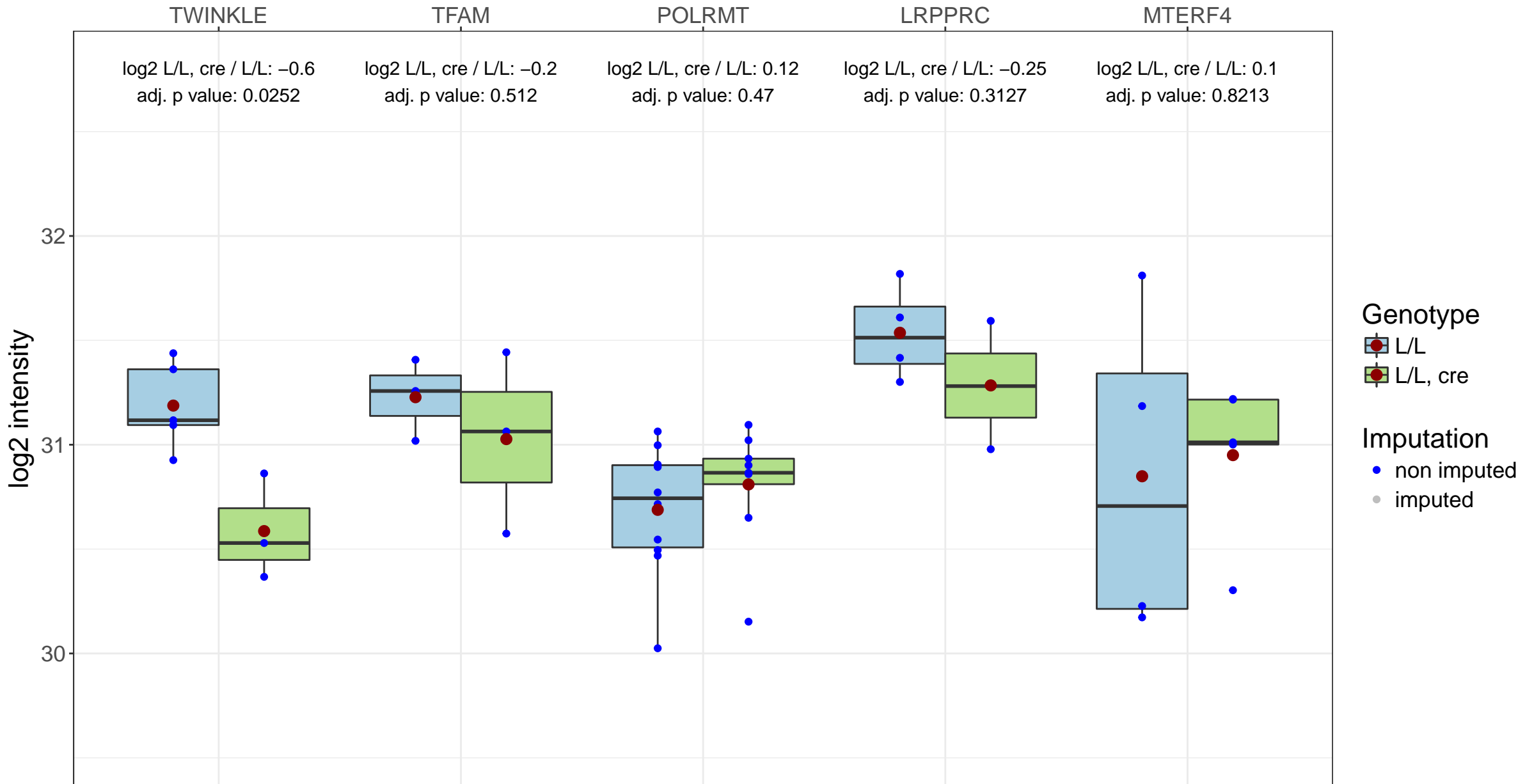
# MTERF2 / Q8BKY8



# MTFMT / Q9D799

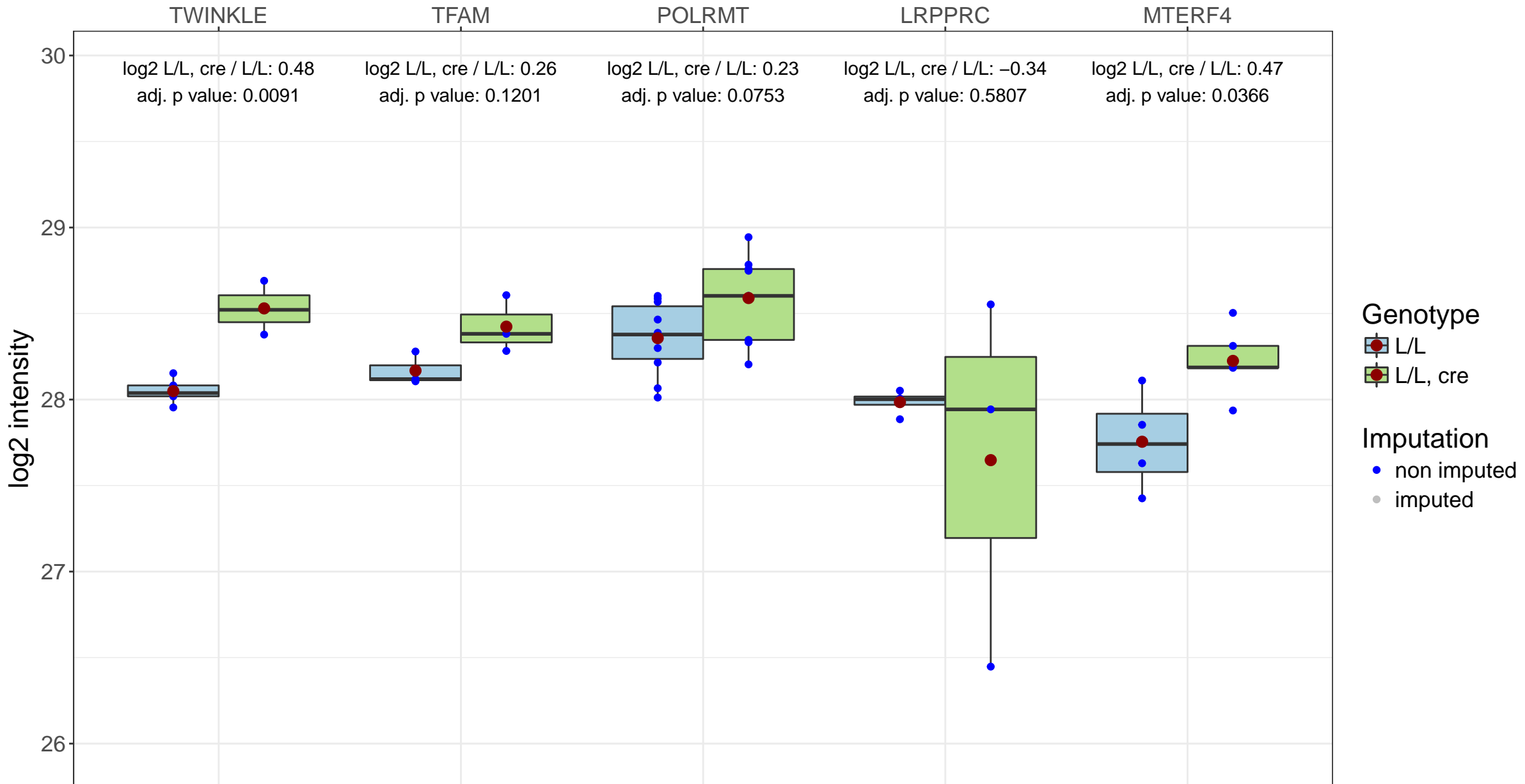


# MTFP1 / Q9CRB8

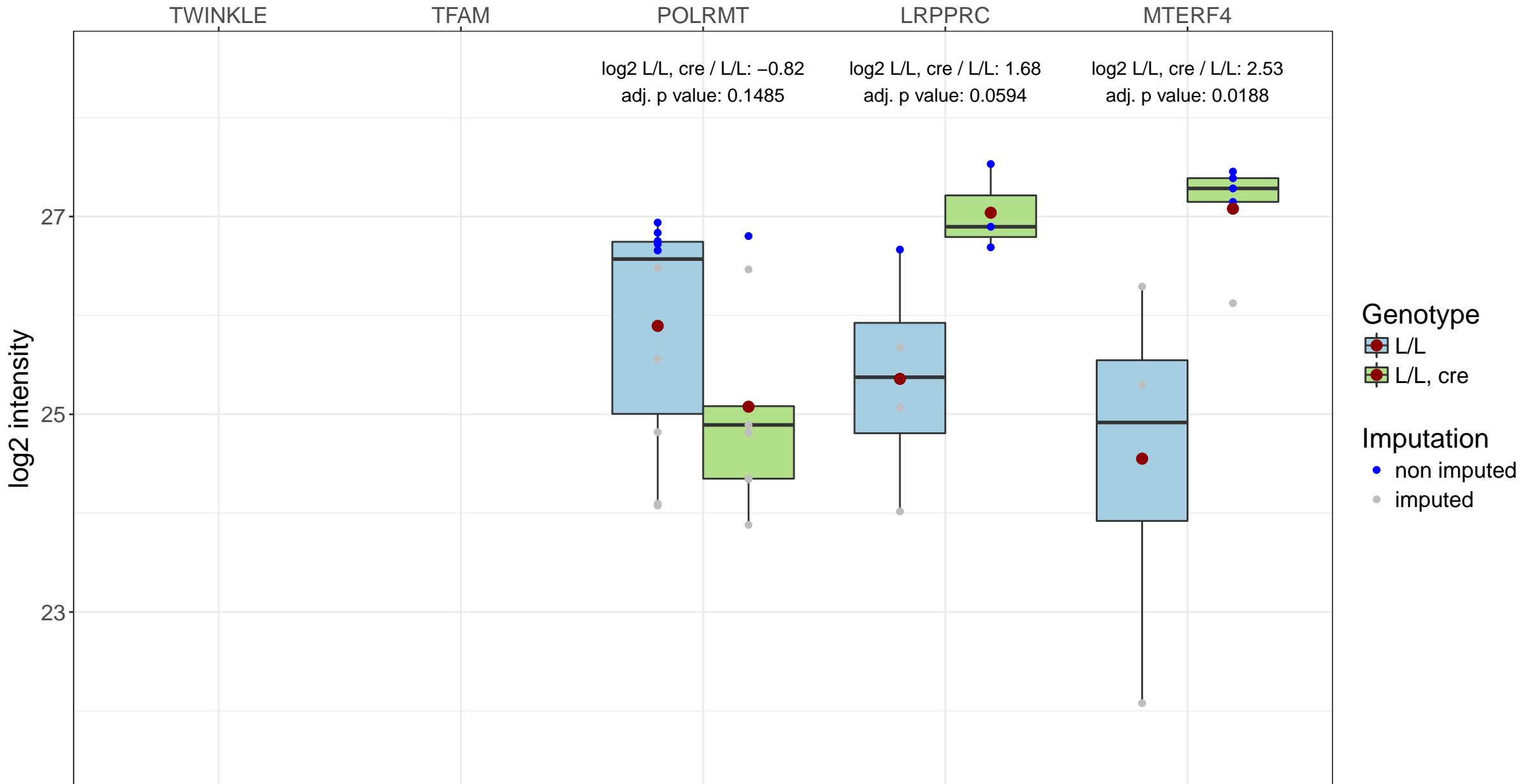




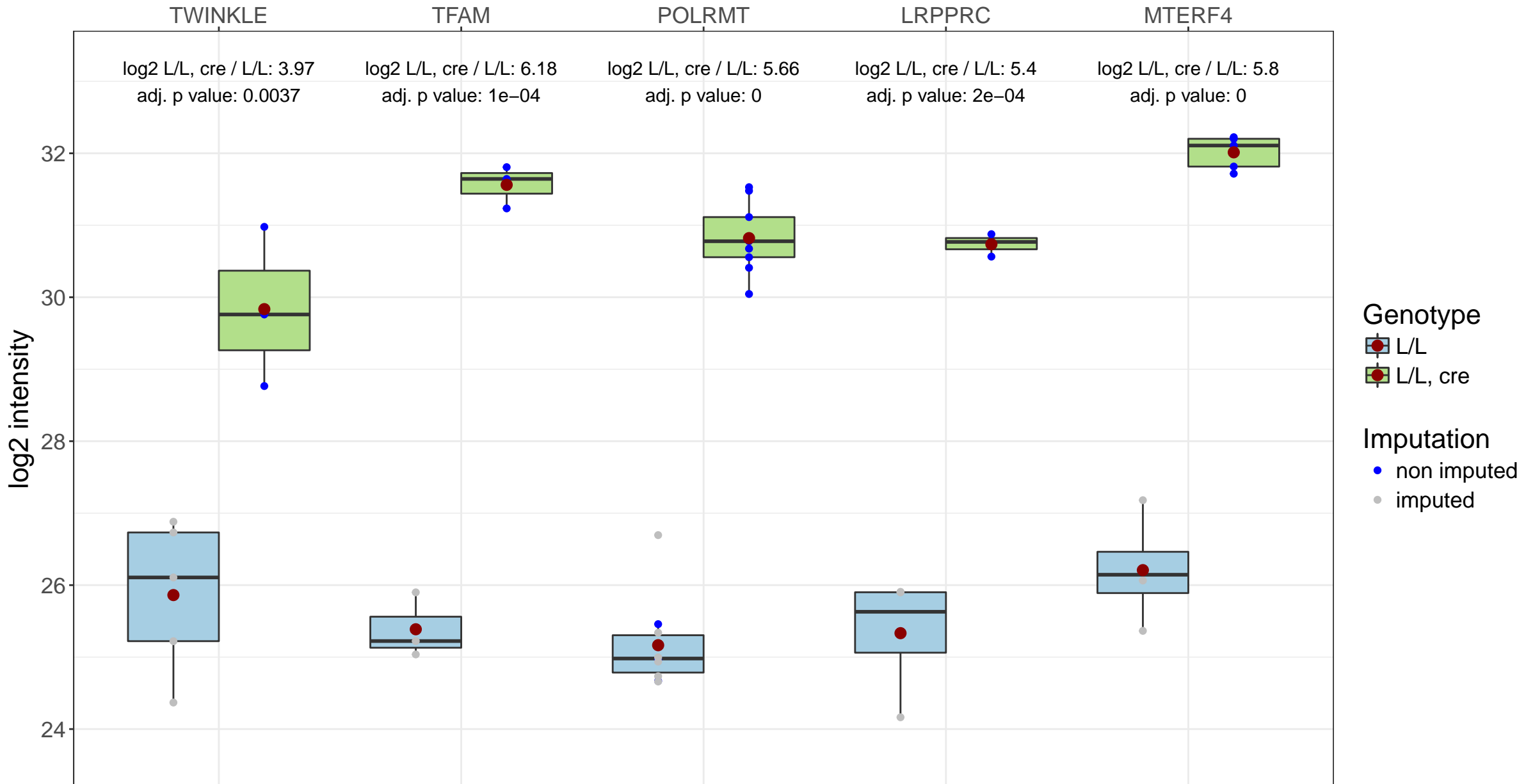
# MTFR1L / Q9CWE0



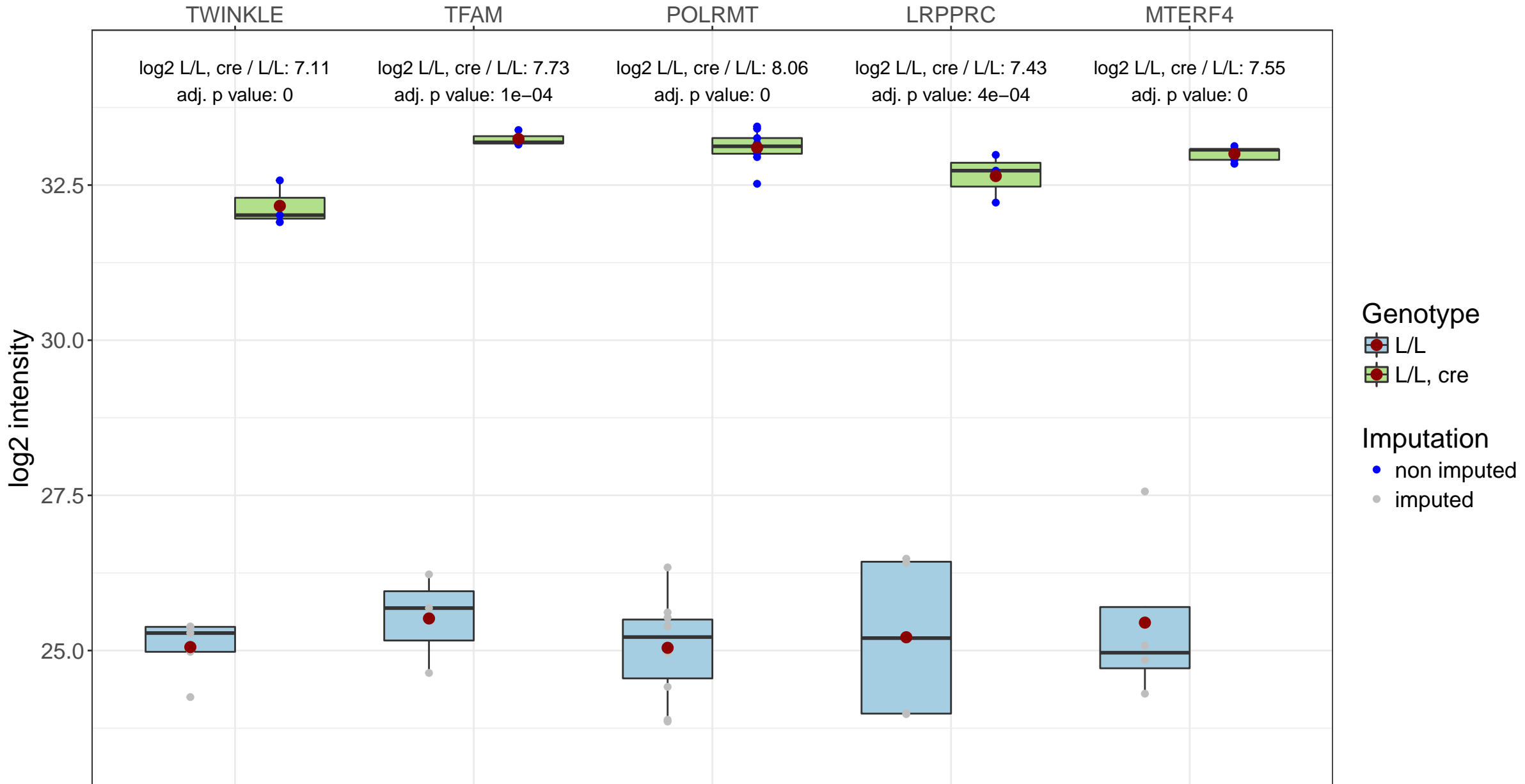
# MTG1 / Q8R2R6



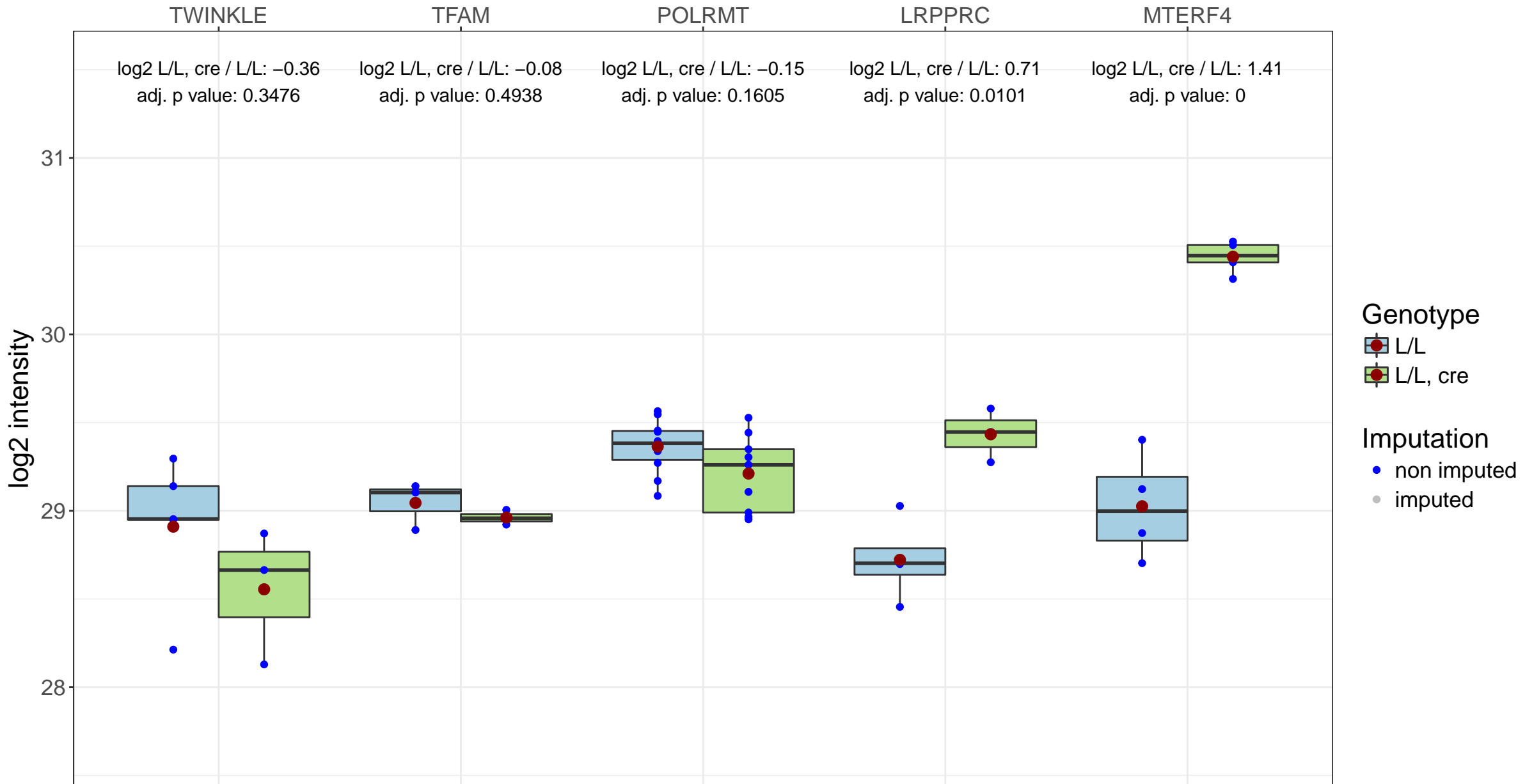
# MTHFD1L / Q3V3R1



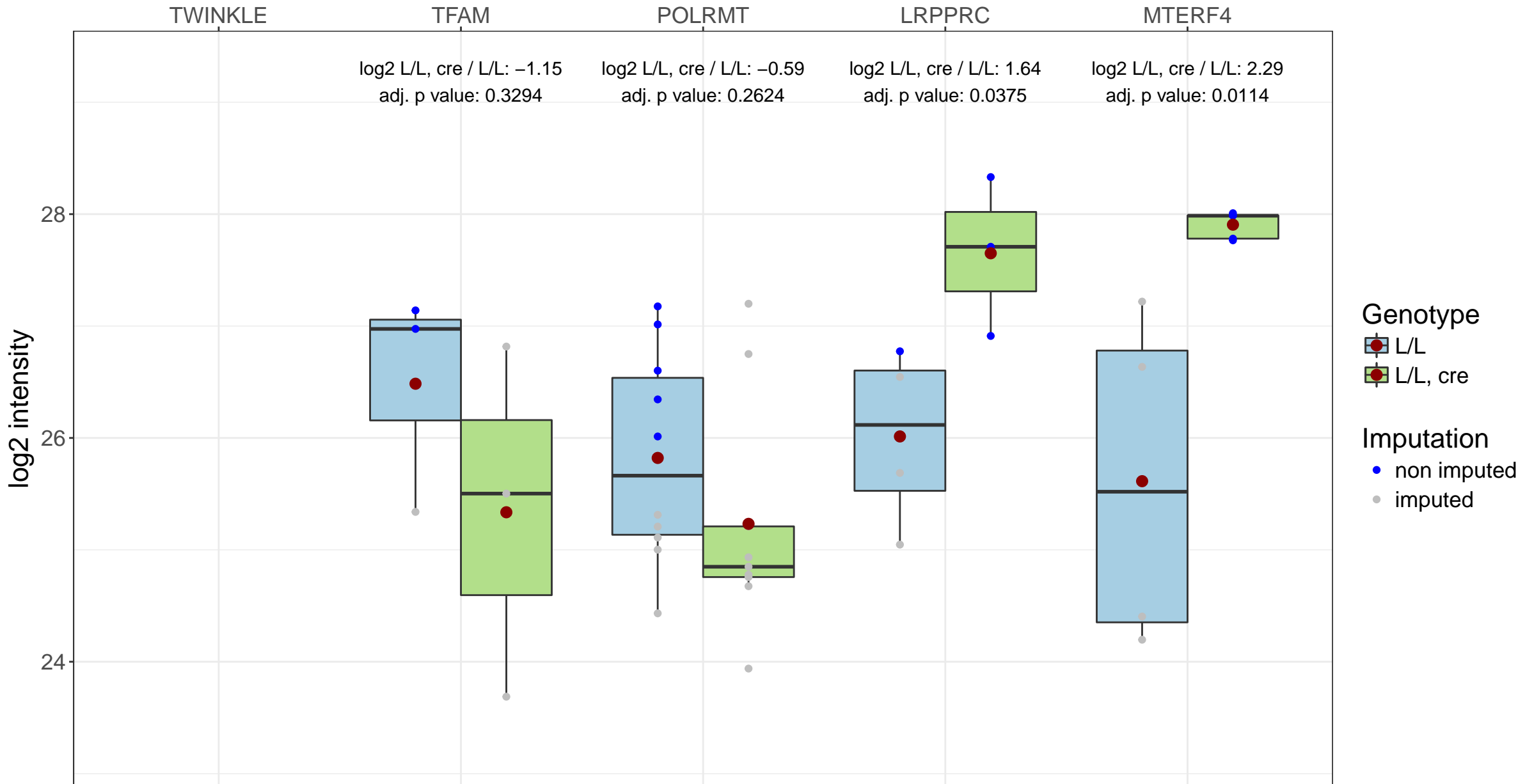
# MTHFD2 / P18155



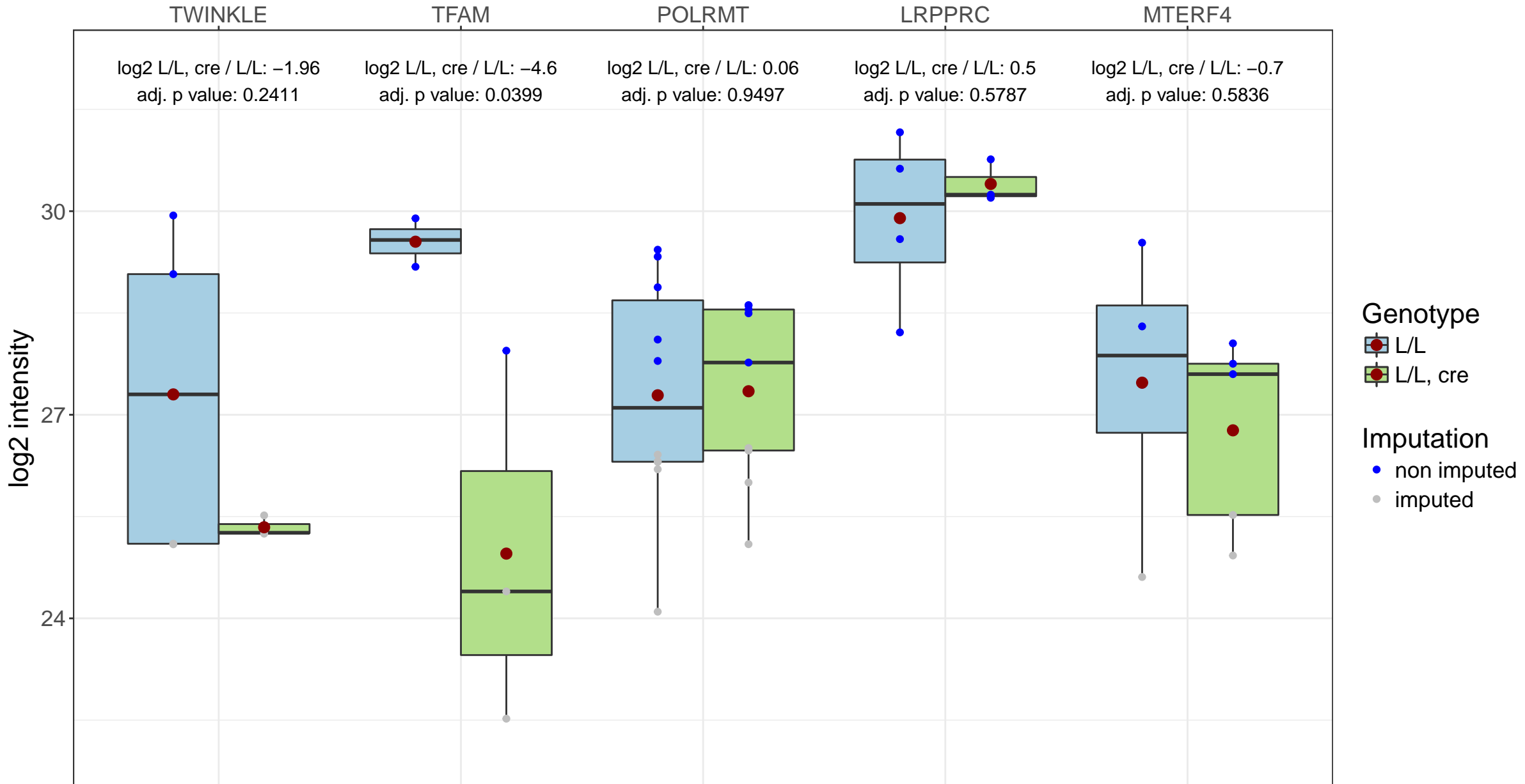
# MTIF2 / Q91YJ5



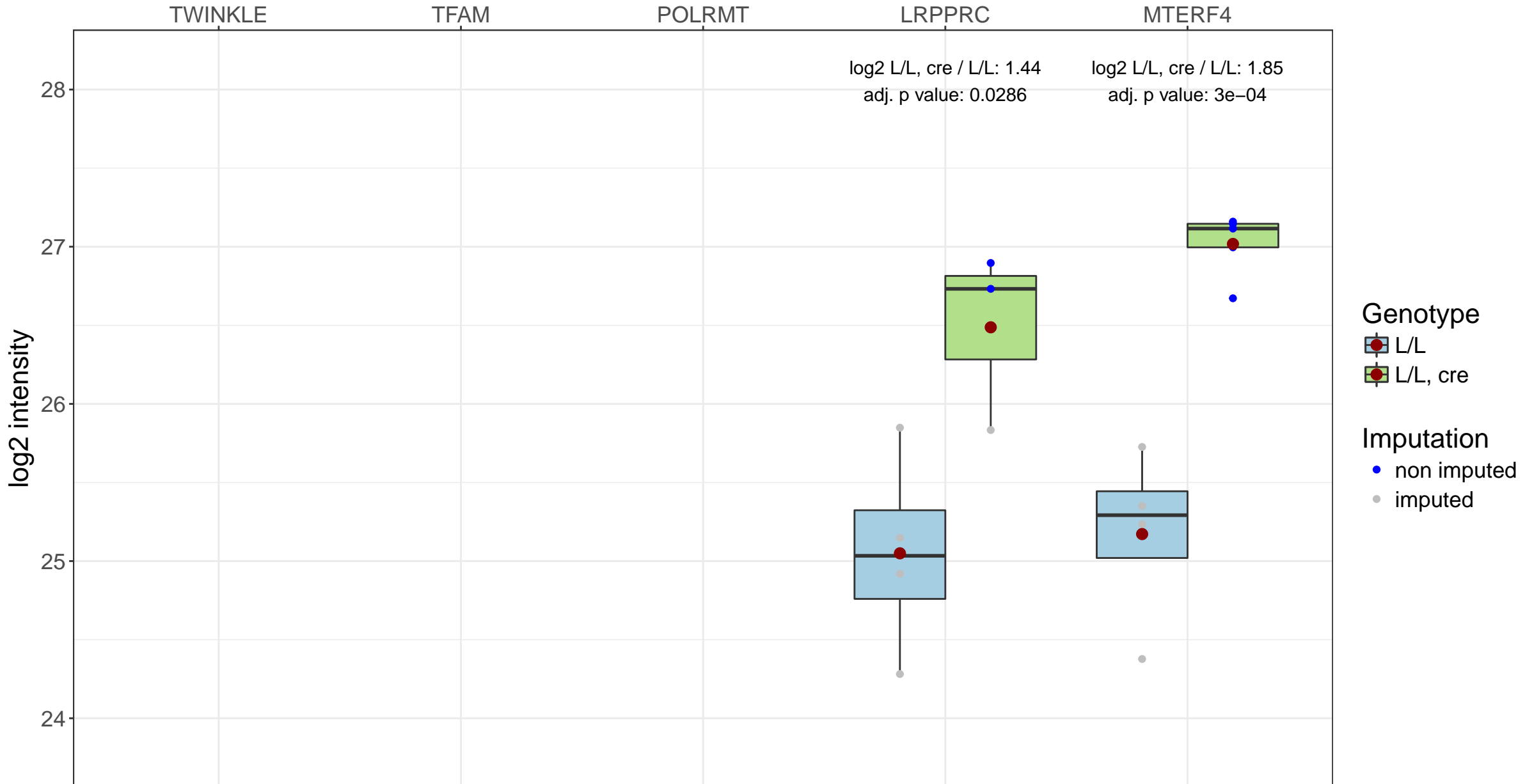
# MTIF3 / Q9CZD5



# MTND1 / P03888

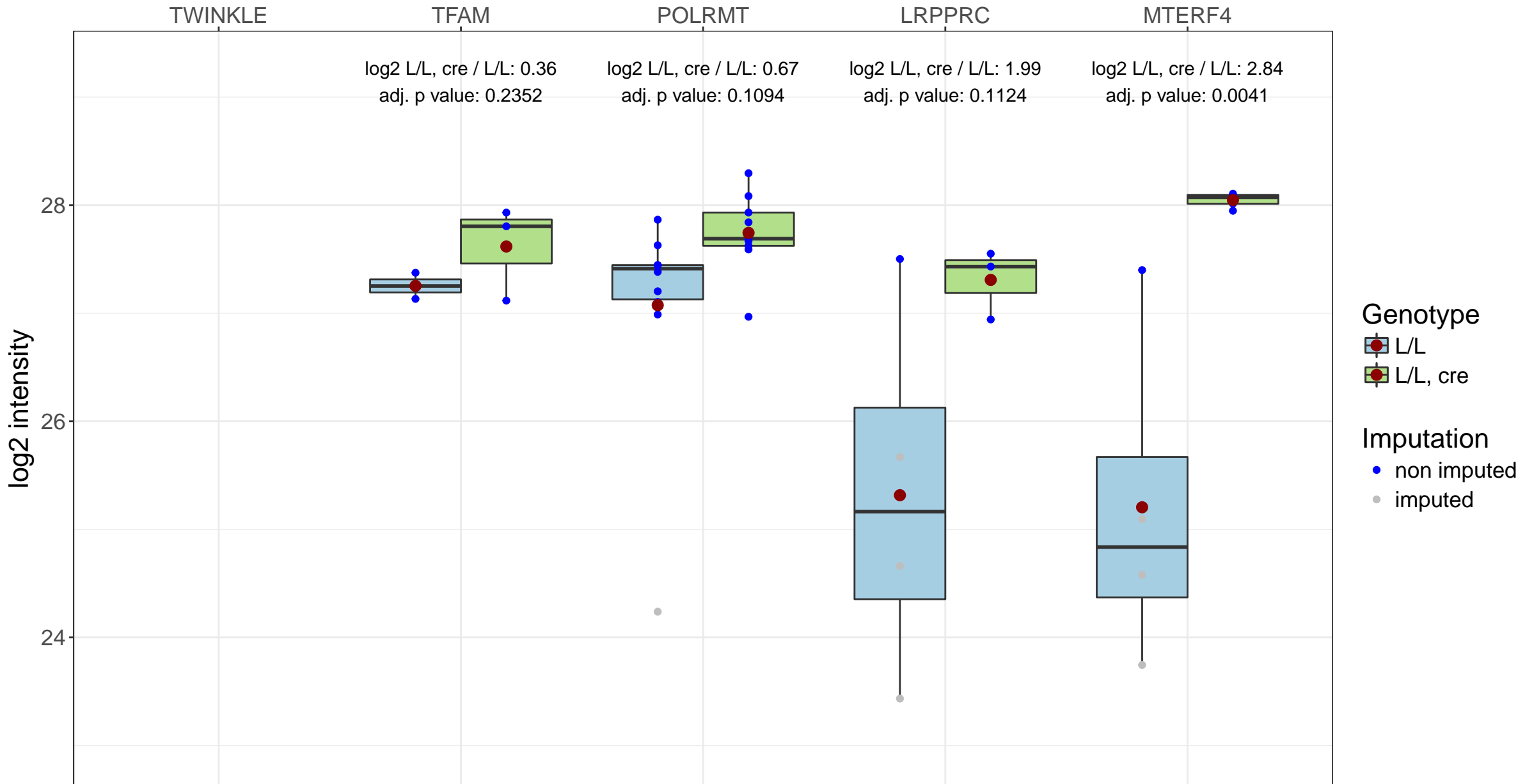


# MTO1 / G5E889

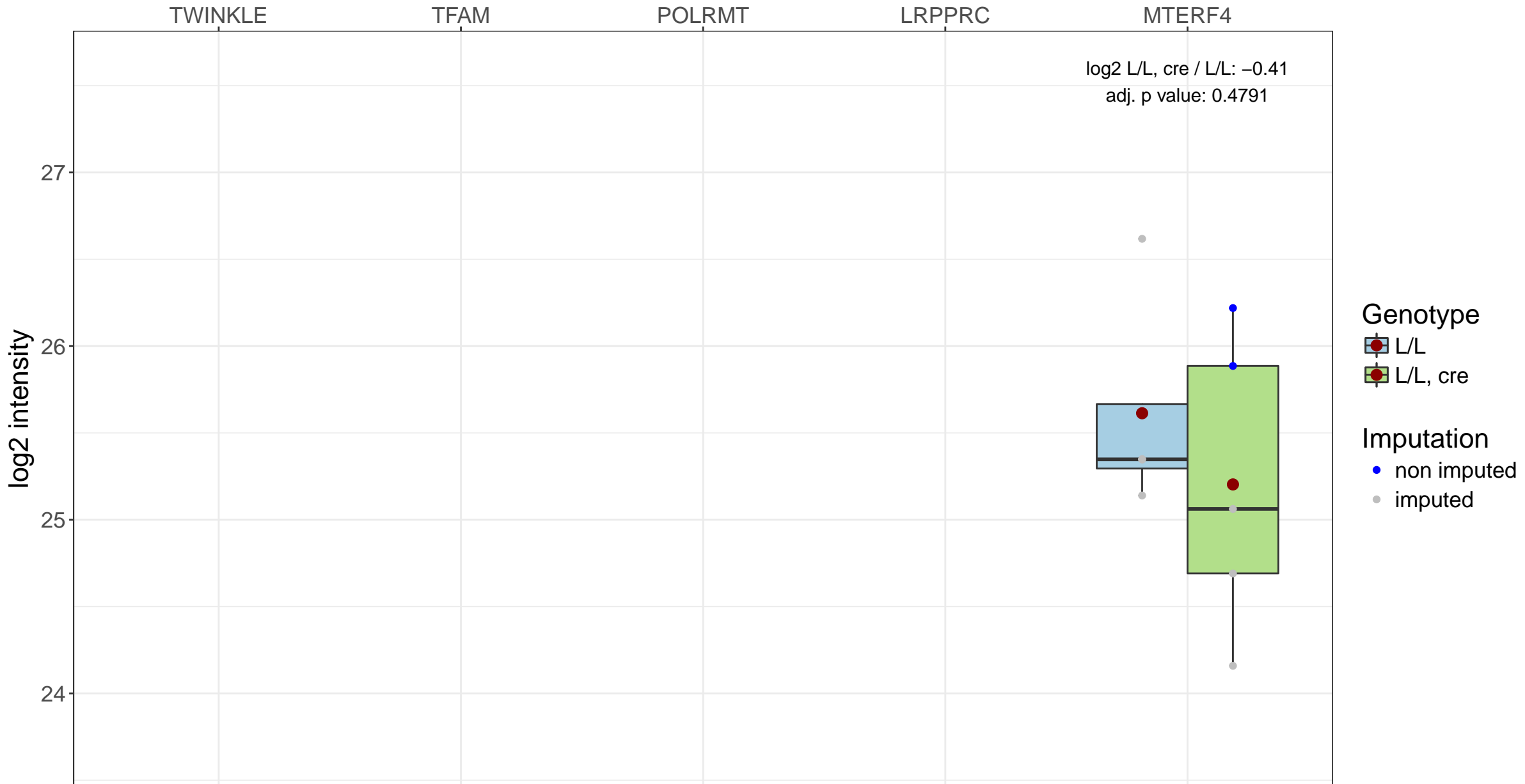




# MTPAP / Q9D0D3



# MTRF1 / Q8K126



# MTRF1L / Q8BJU9

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 intensity

27

26

25

24

log2 L/L, cre / L/L: 1.07

adj. p value: 0.1134

Genotype

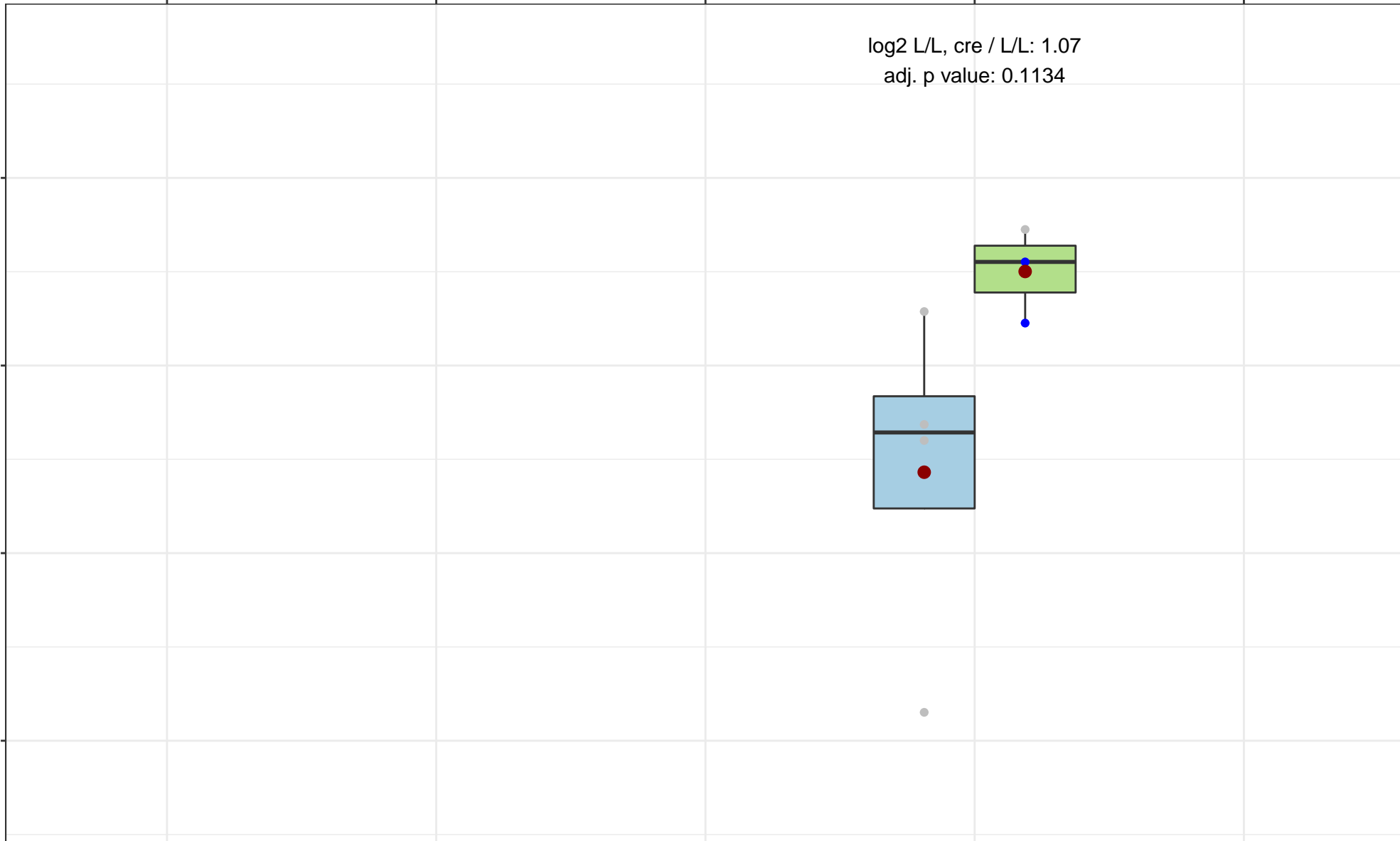
L/L

L/L, cre

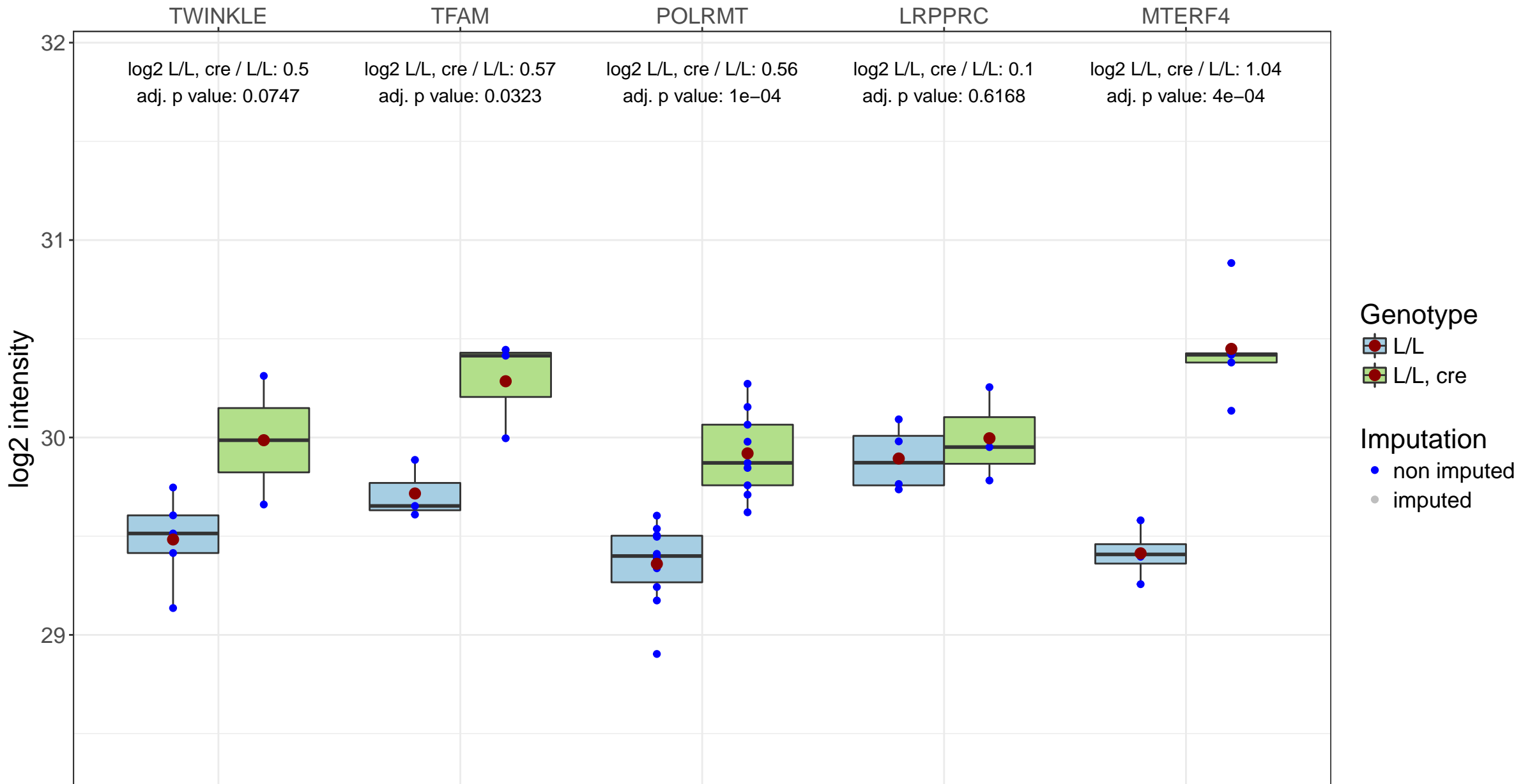
Imputation

non imputed

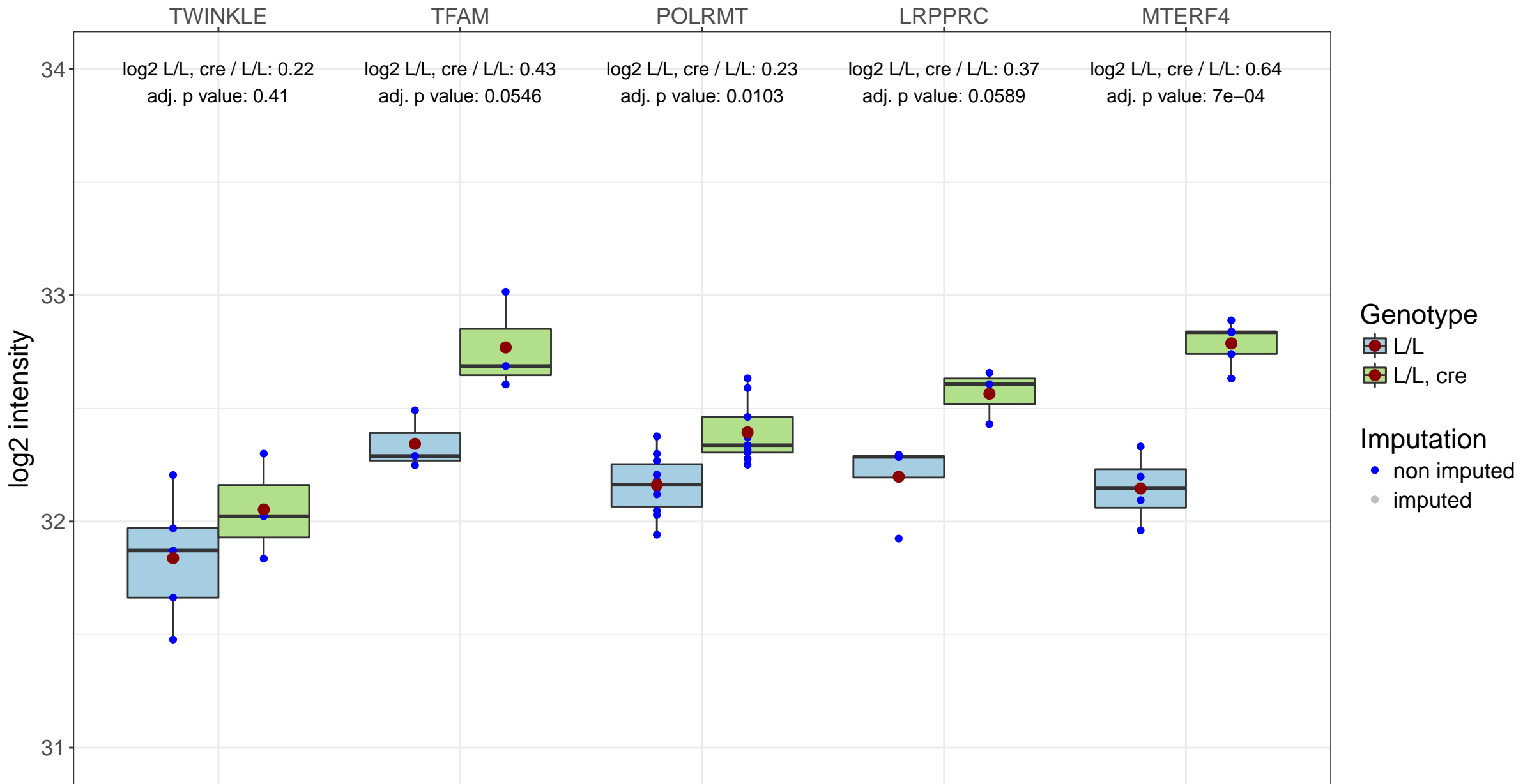
imputed



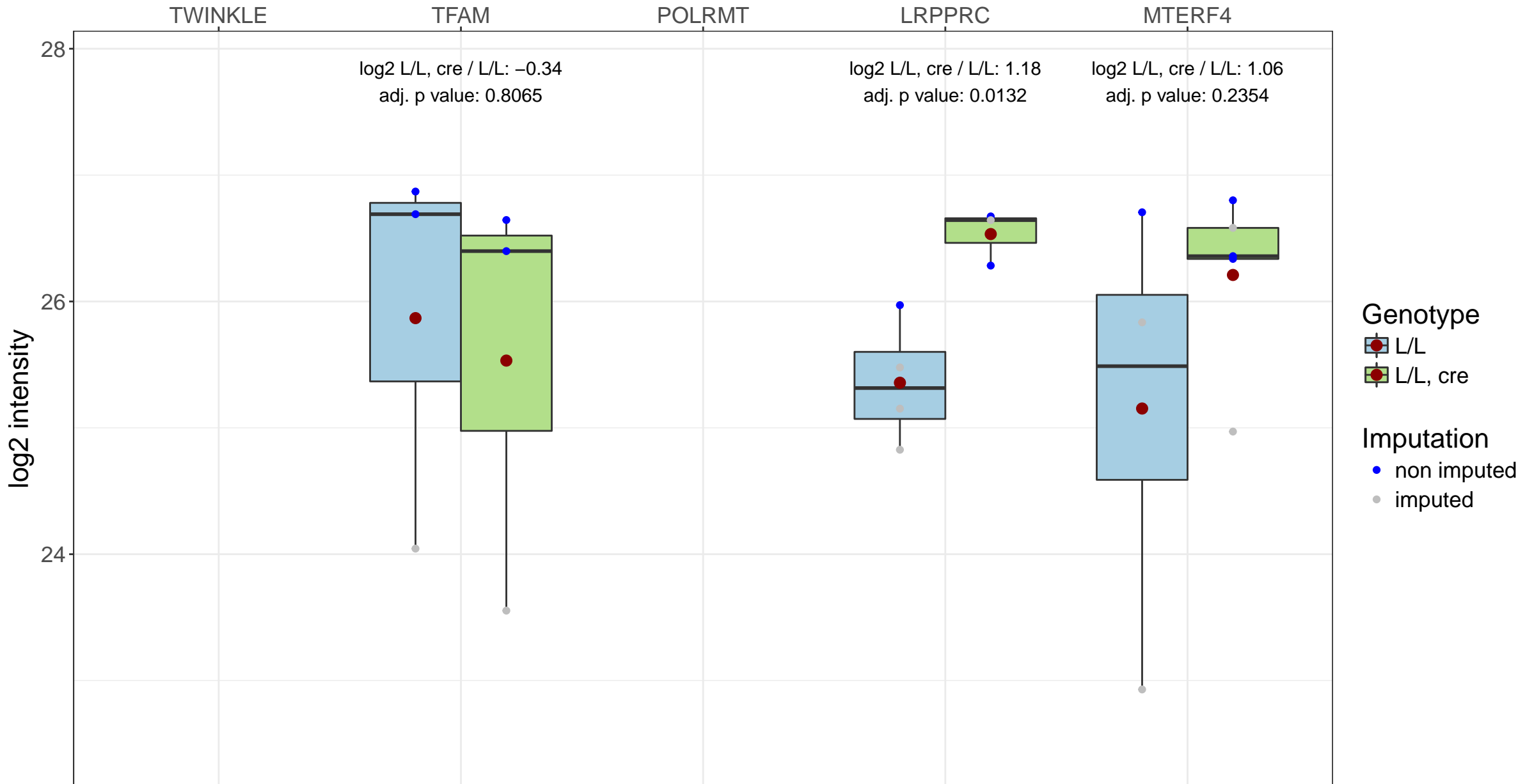
# MTX1 / F7C846



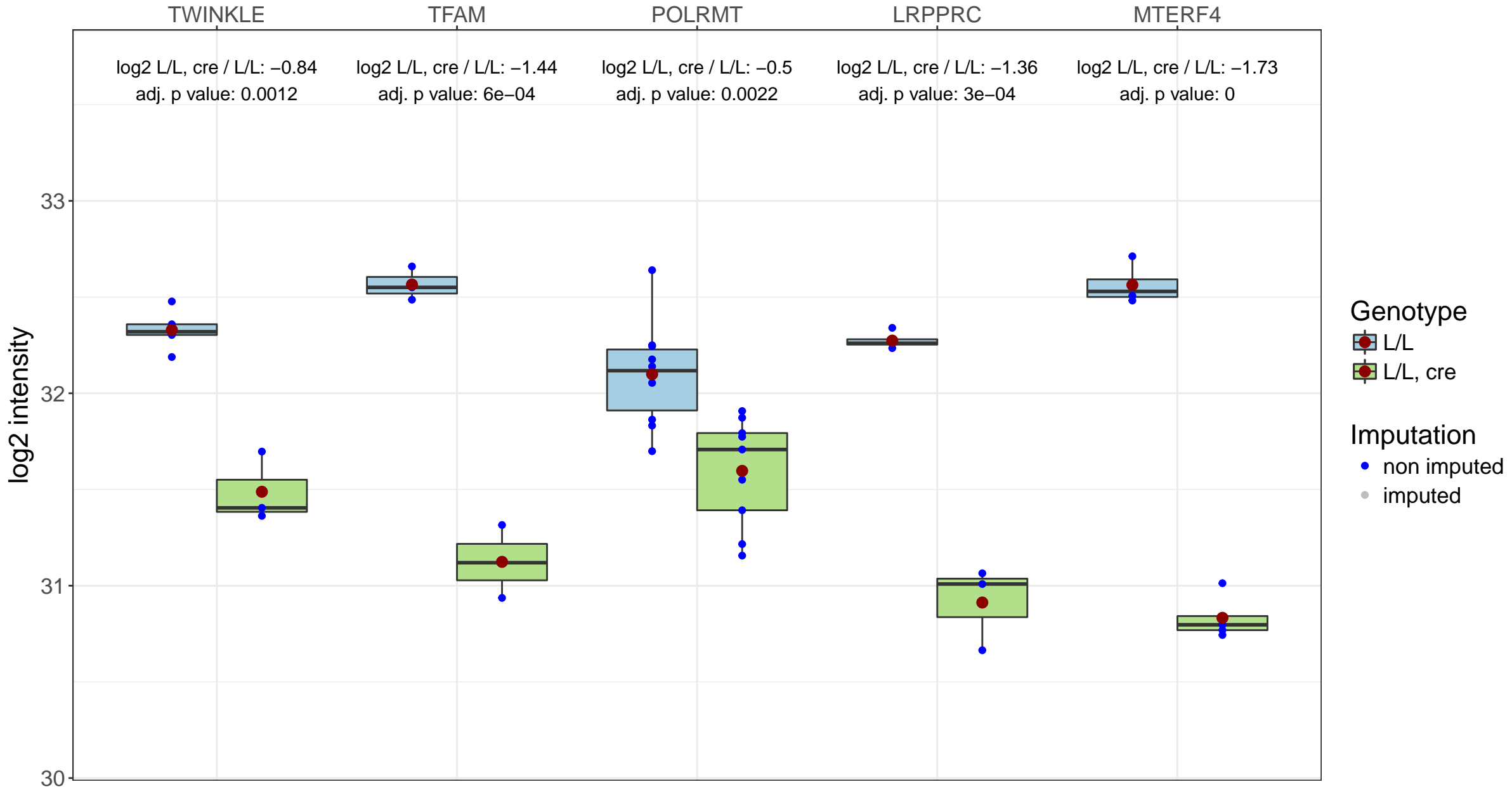
# MTX2 / O88441



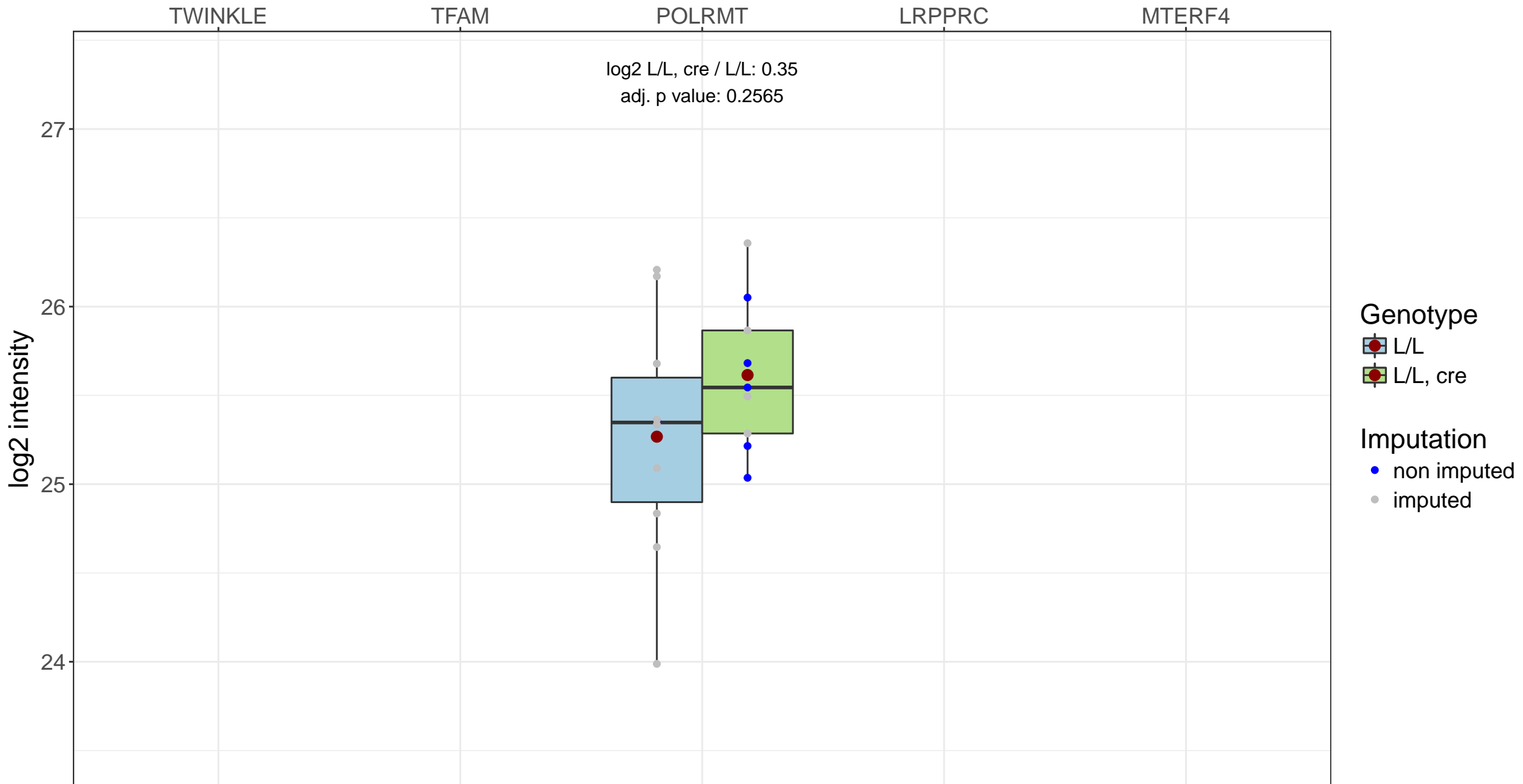
# MUL1 / Q8VCM5



# MUT / P16332

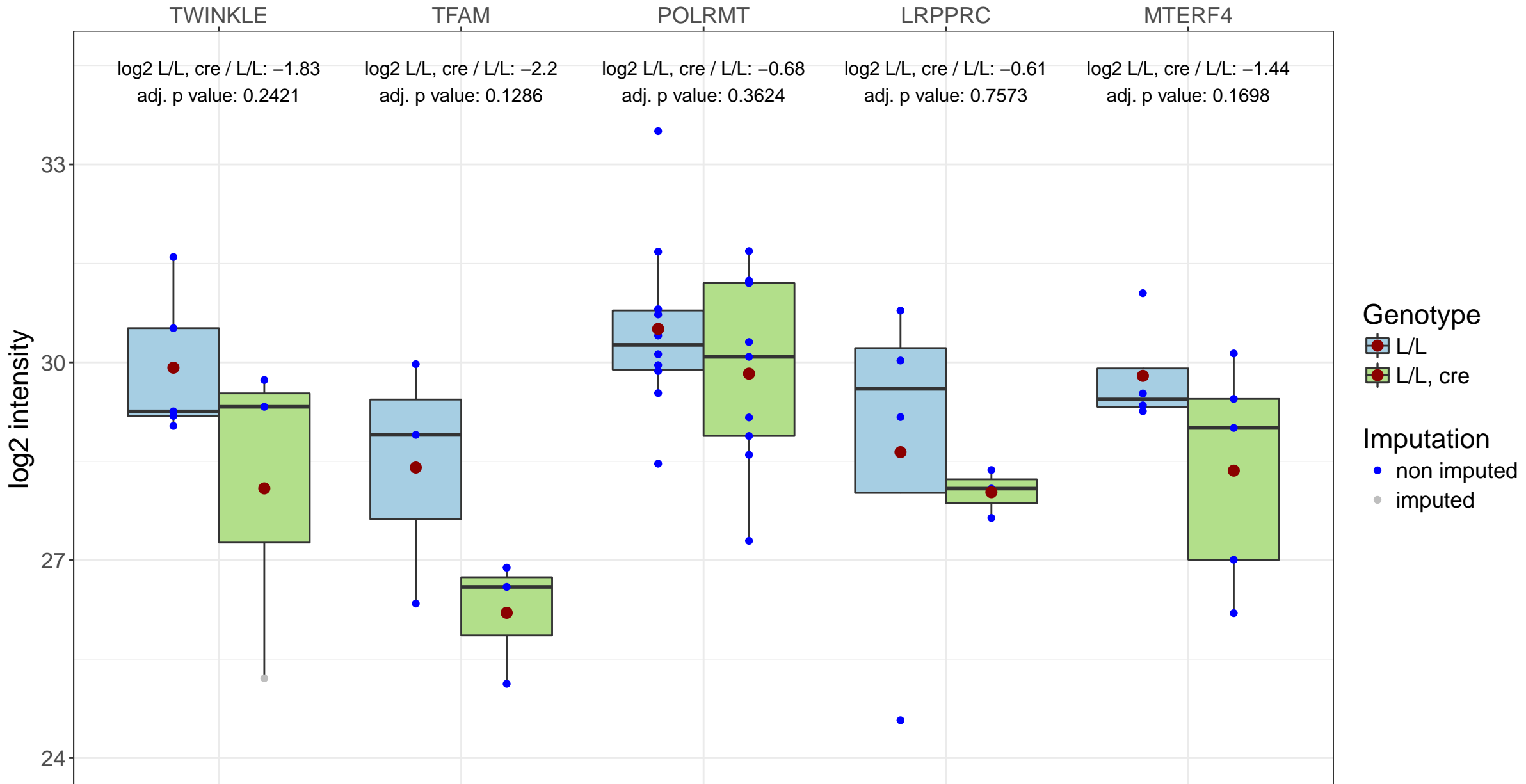


# MYADM / O35682

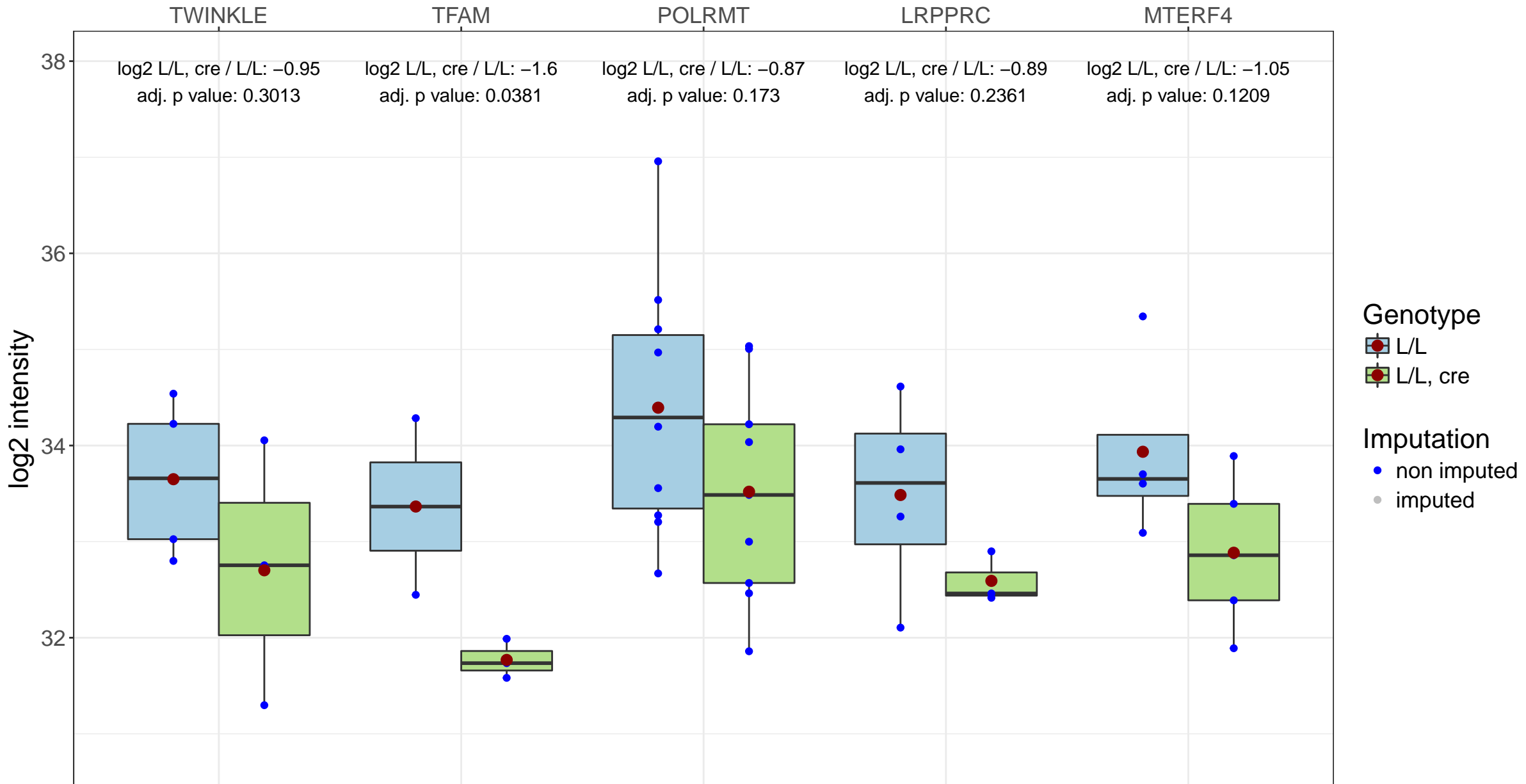




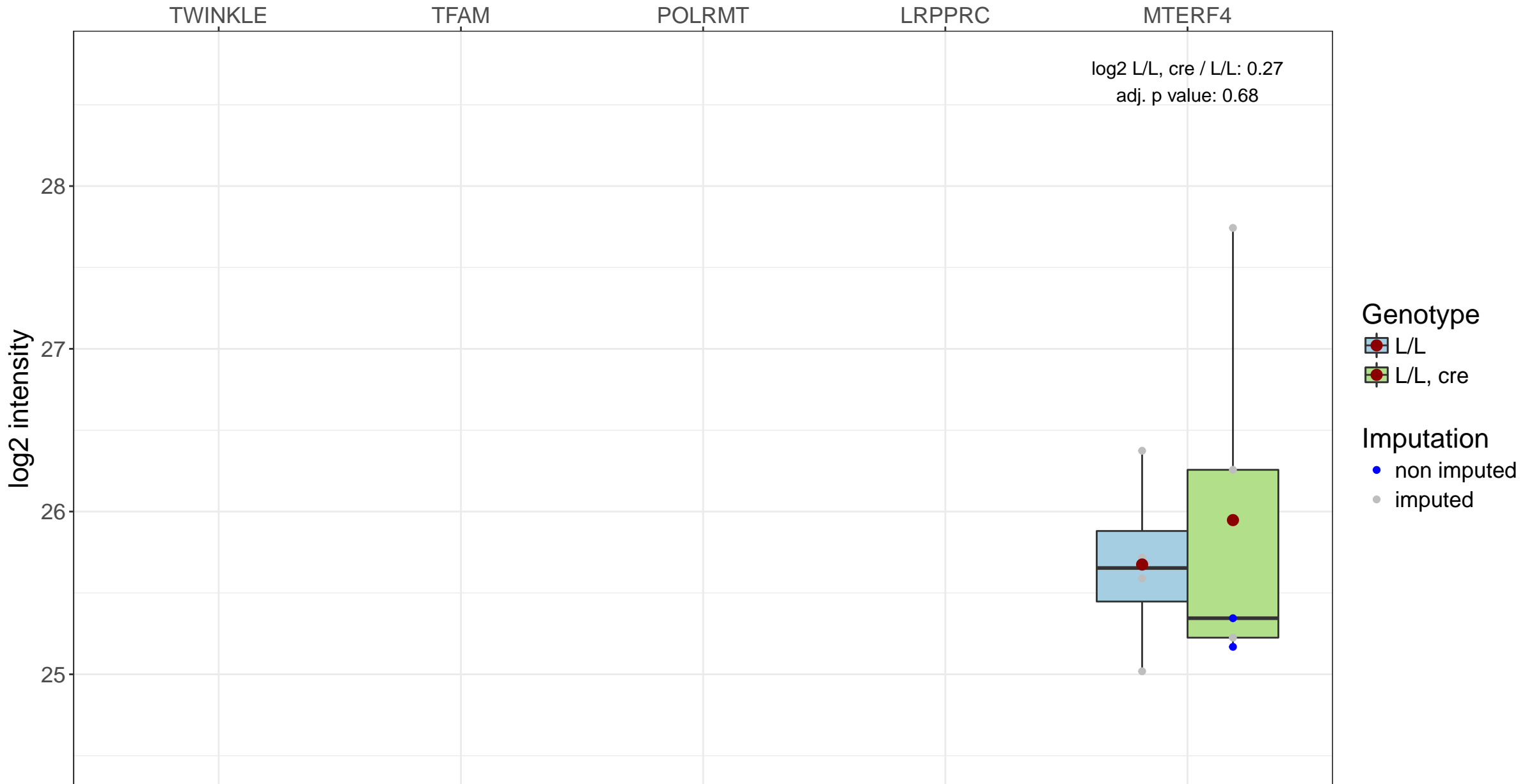
# MYBPC3 / E9Q9T8



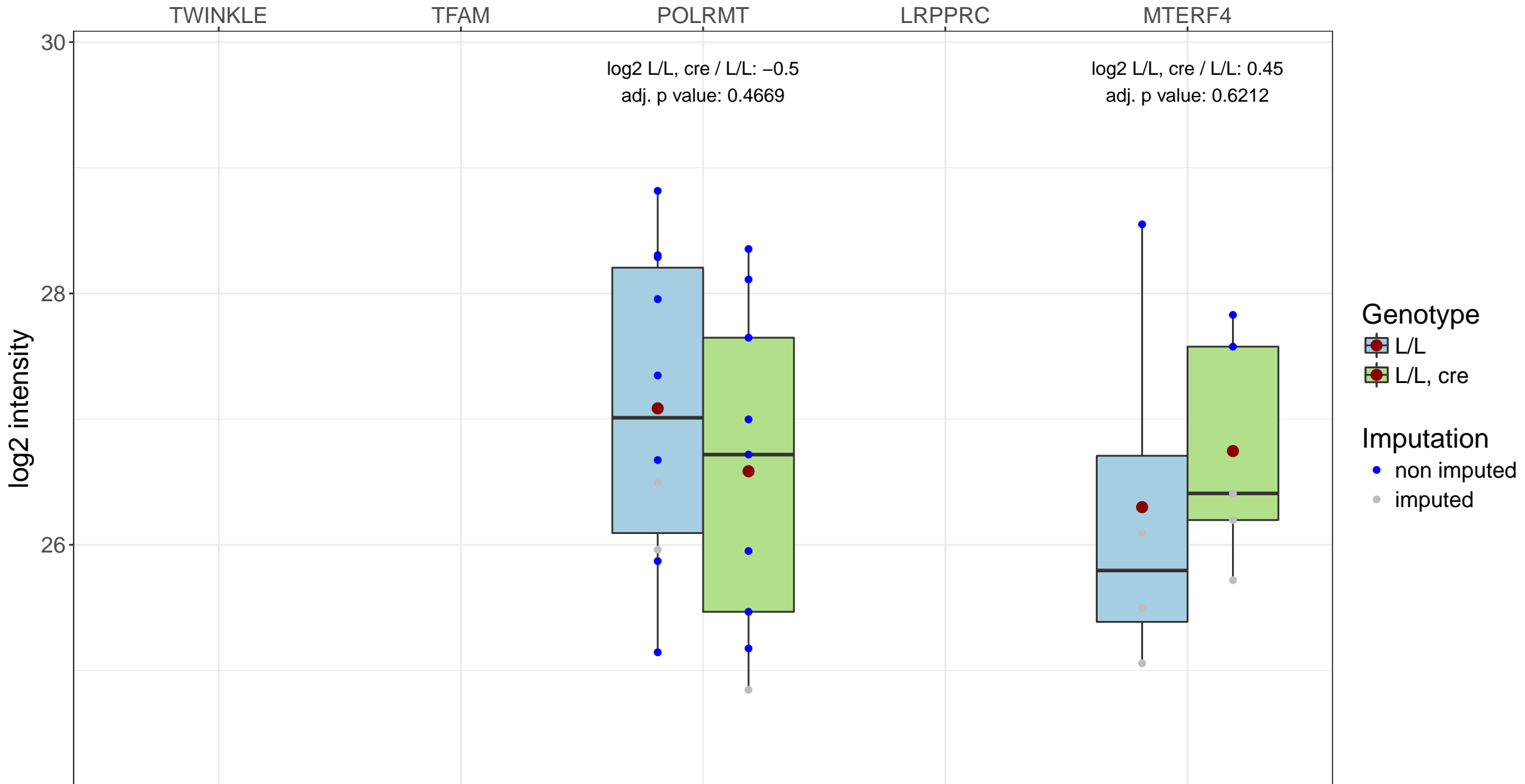
# MYH6 / Q02566



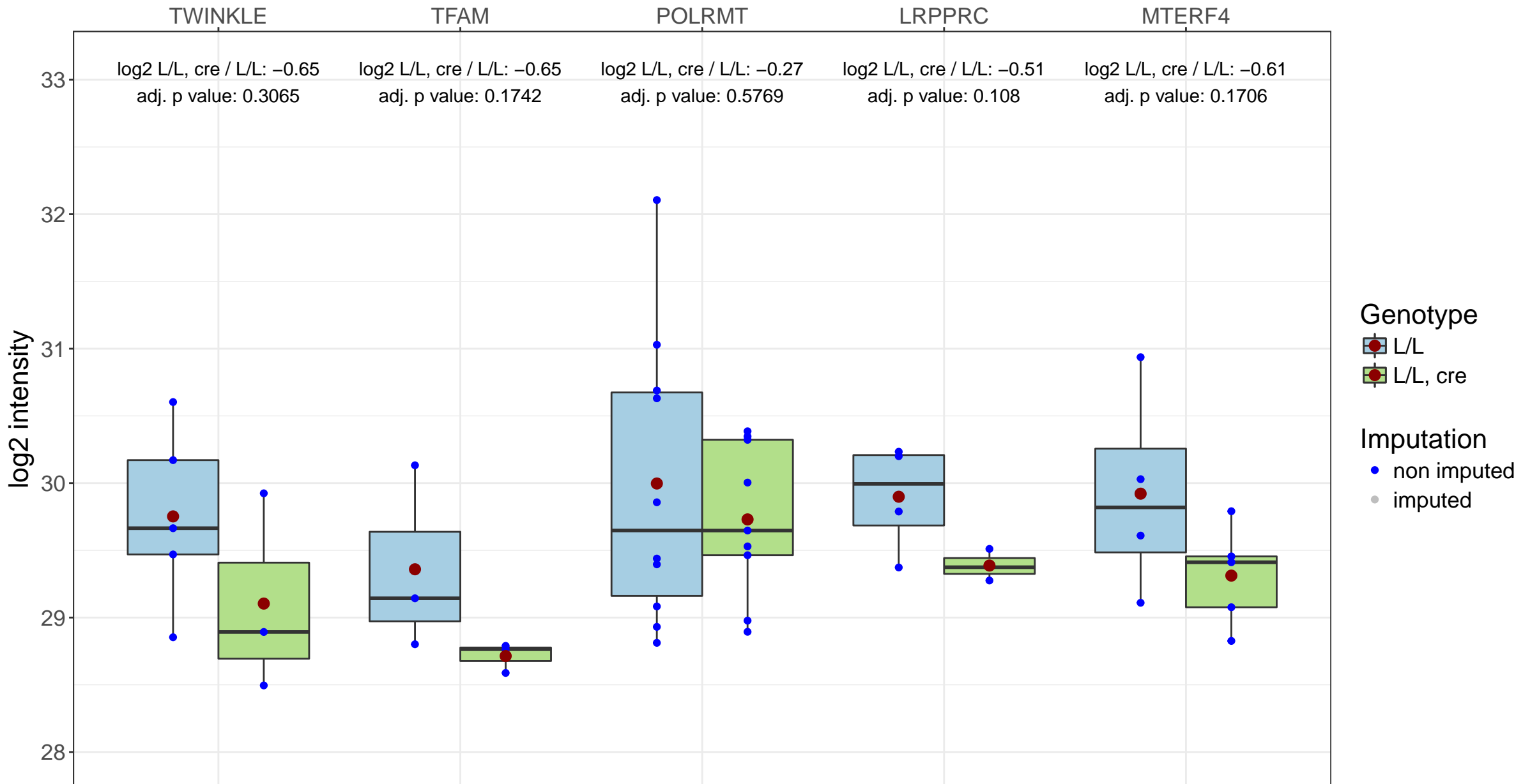
# MYH7 / Q91Z83



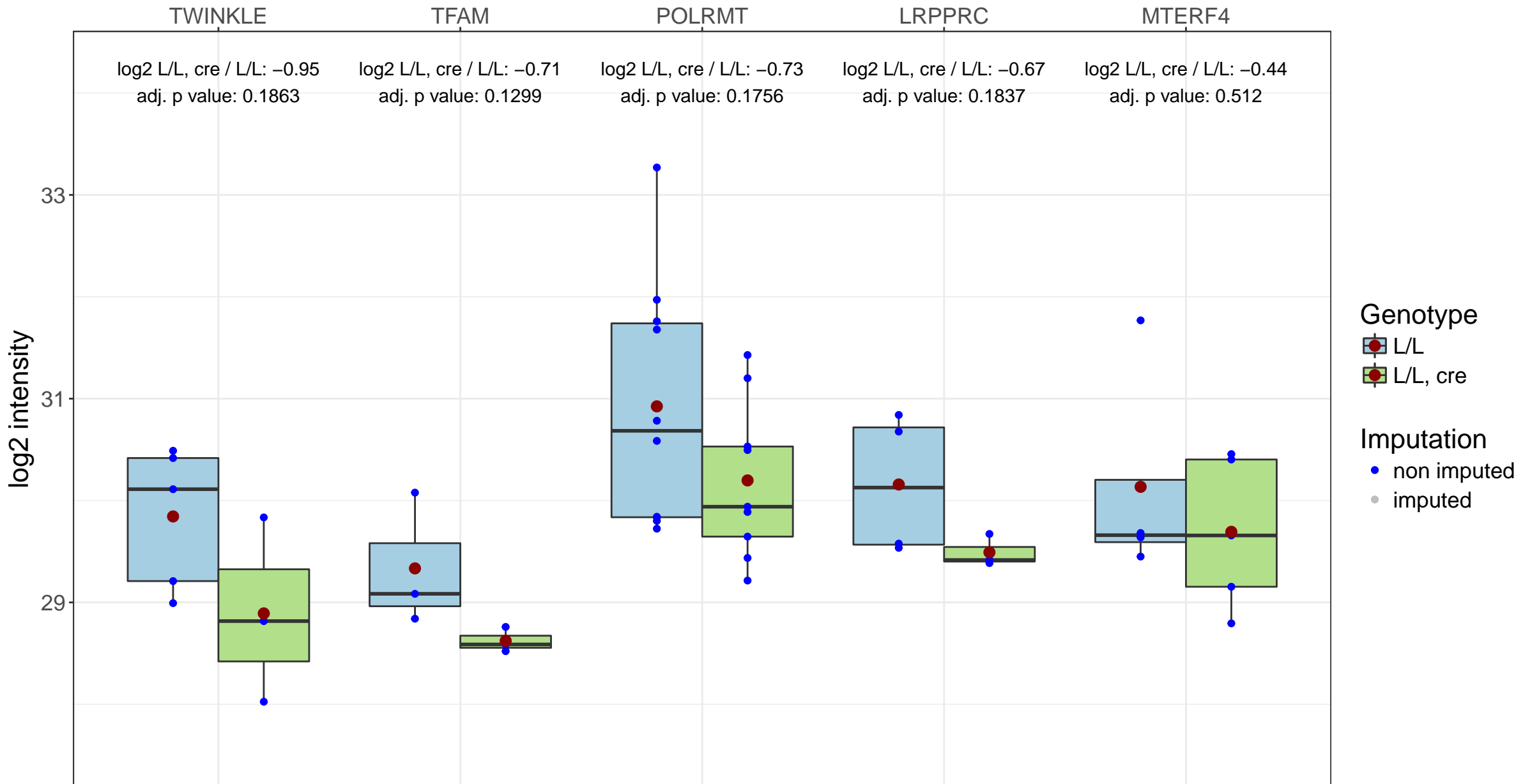
# MYH9 / Q8VDD5



# MYL2 / P51667



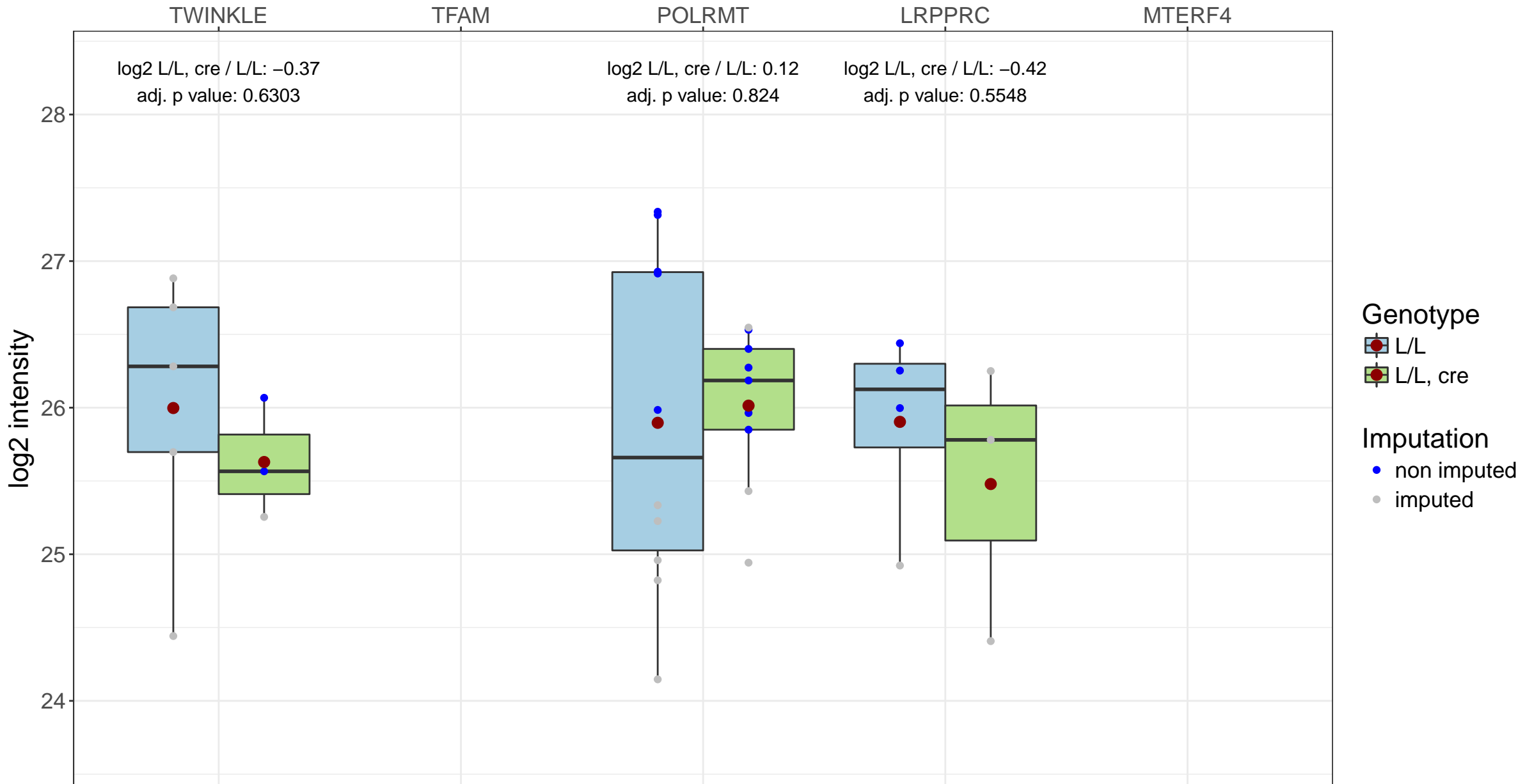
# MYL3 / P09542



# MYL4 / A2A6Q8

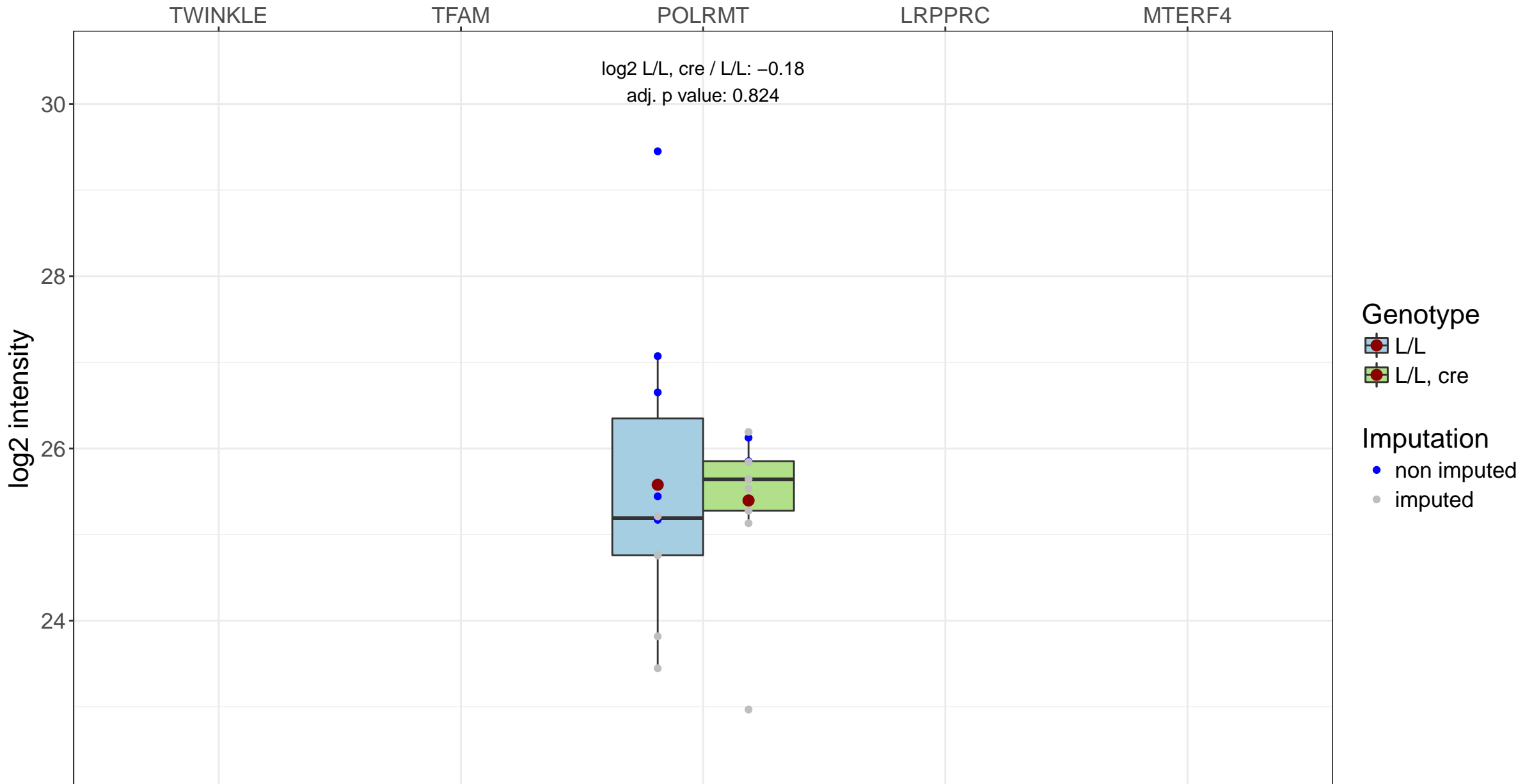


# MYL6 / Q60605-2



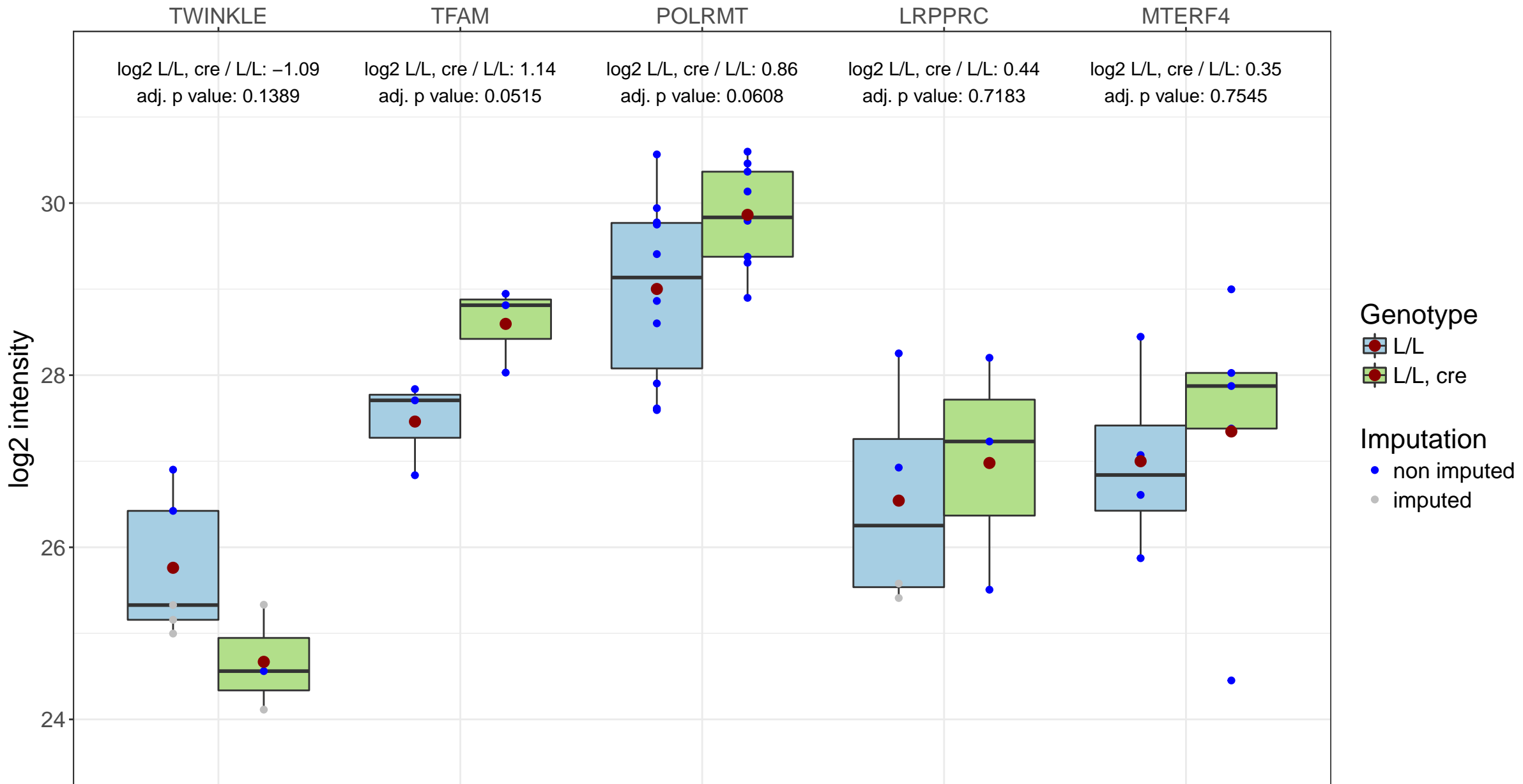


# MYOM2 / Q14BI5

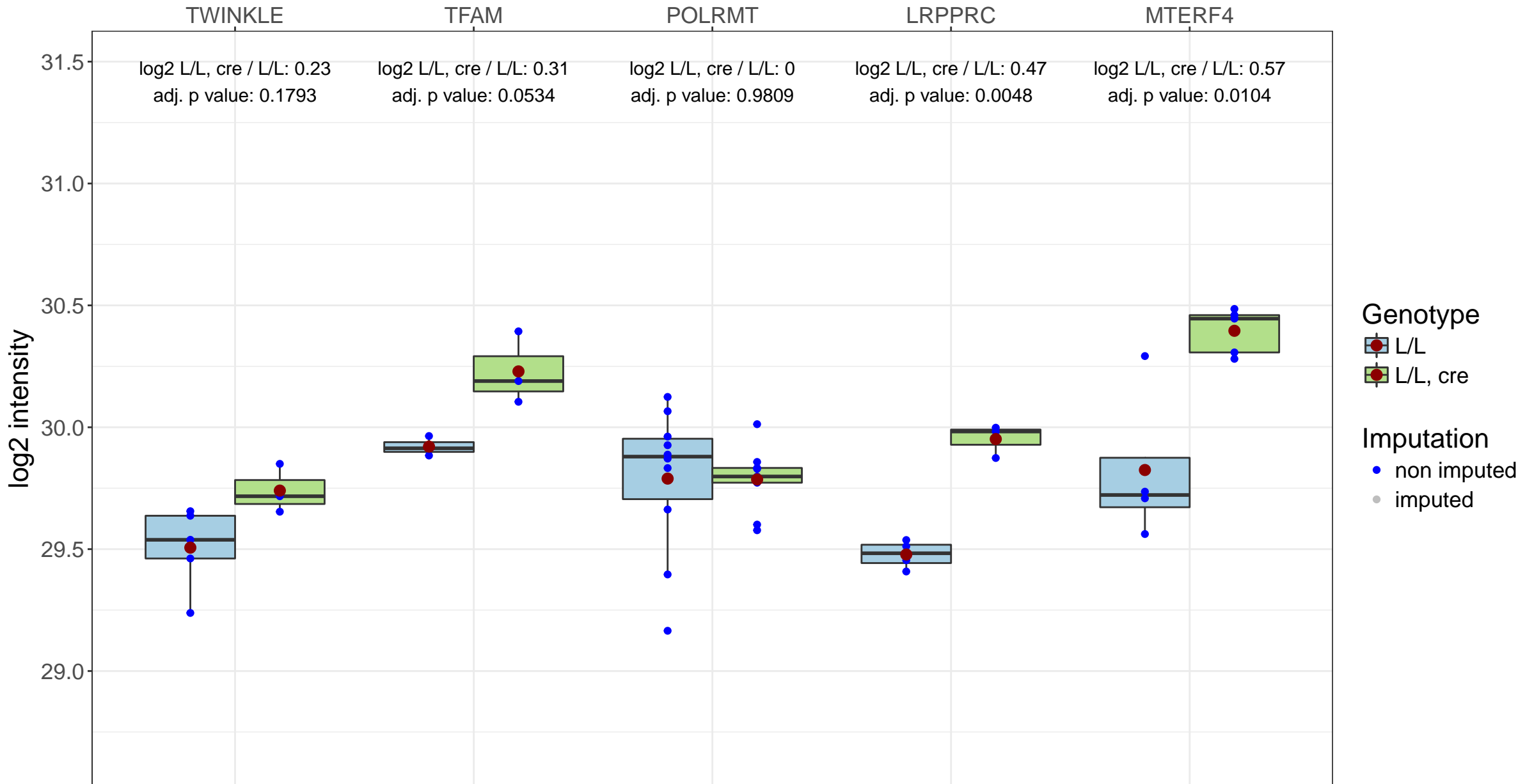




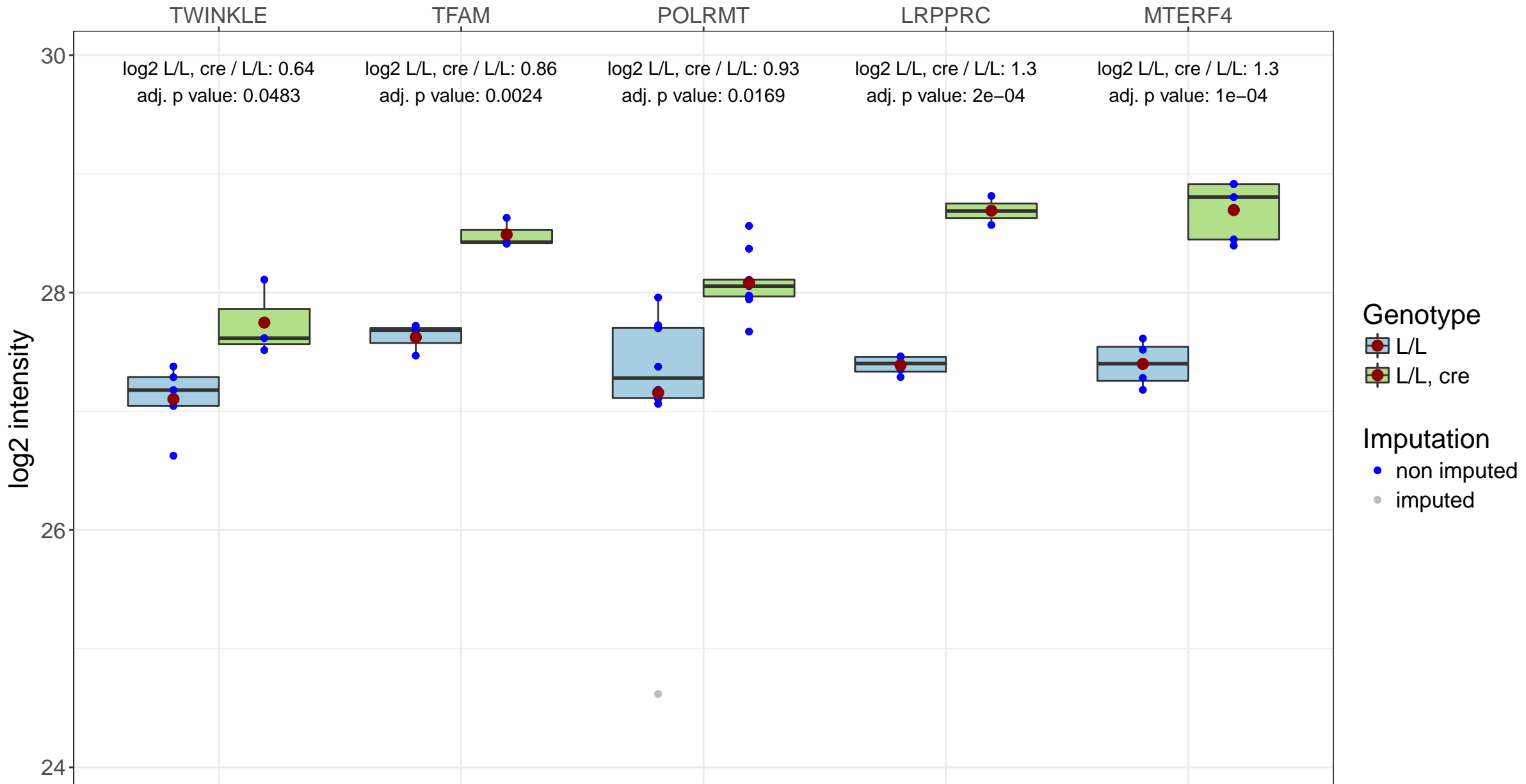
# NACA / P70670



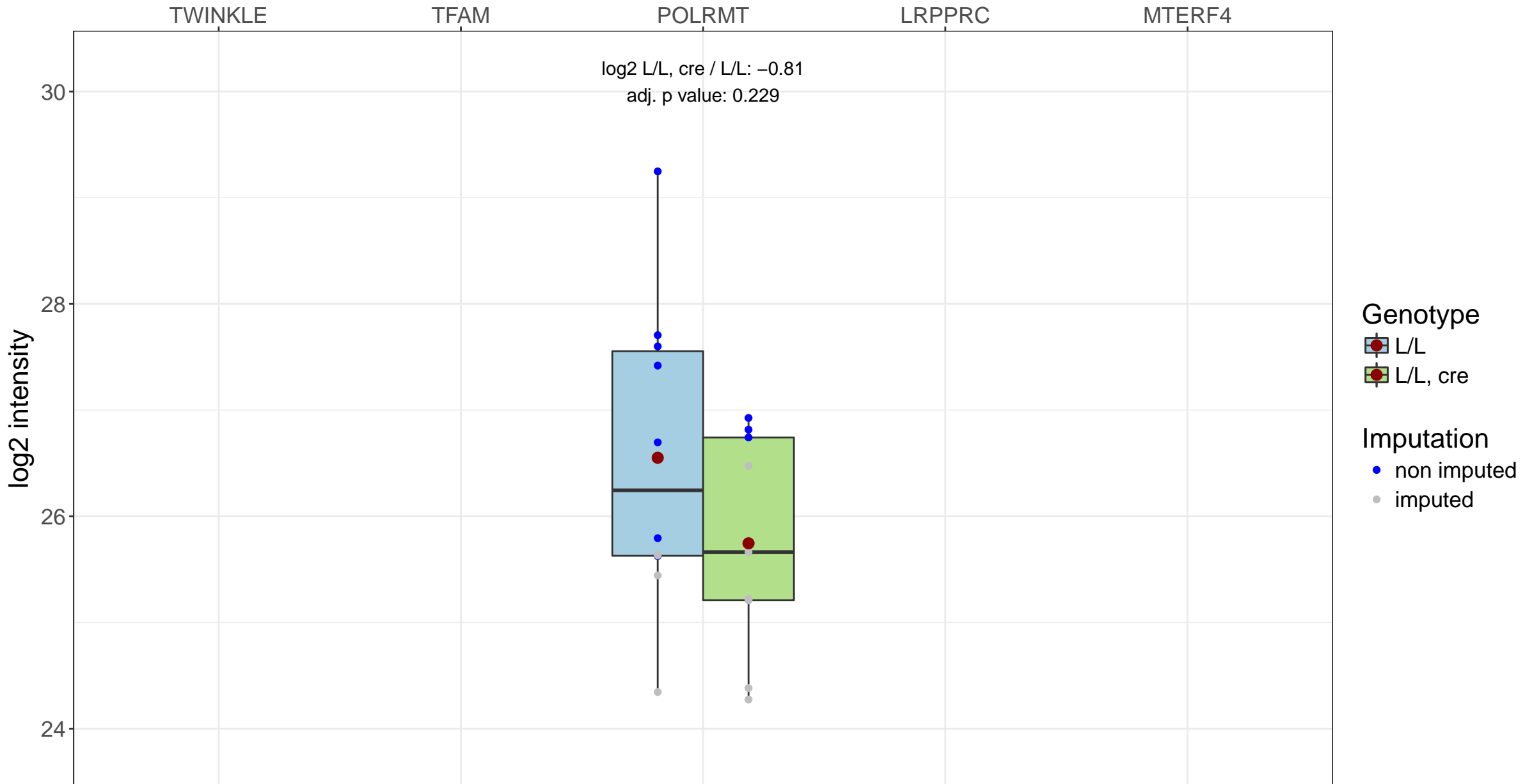
# NADK2 / Q8C5H8-2



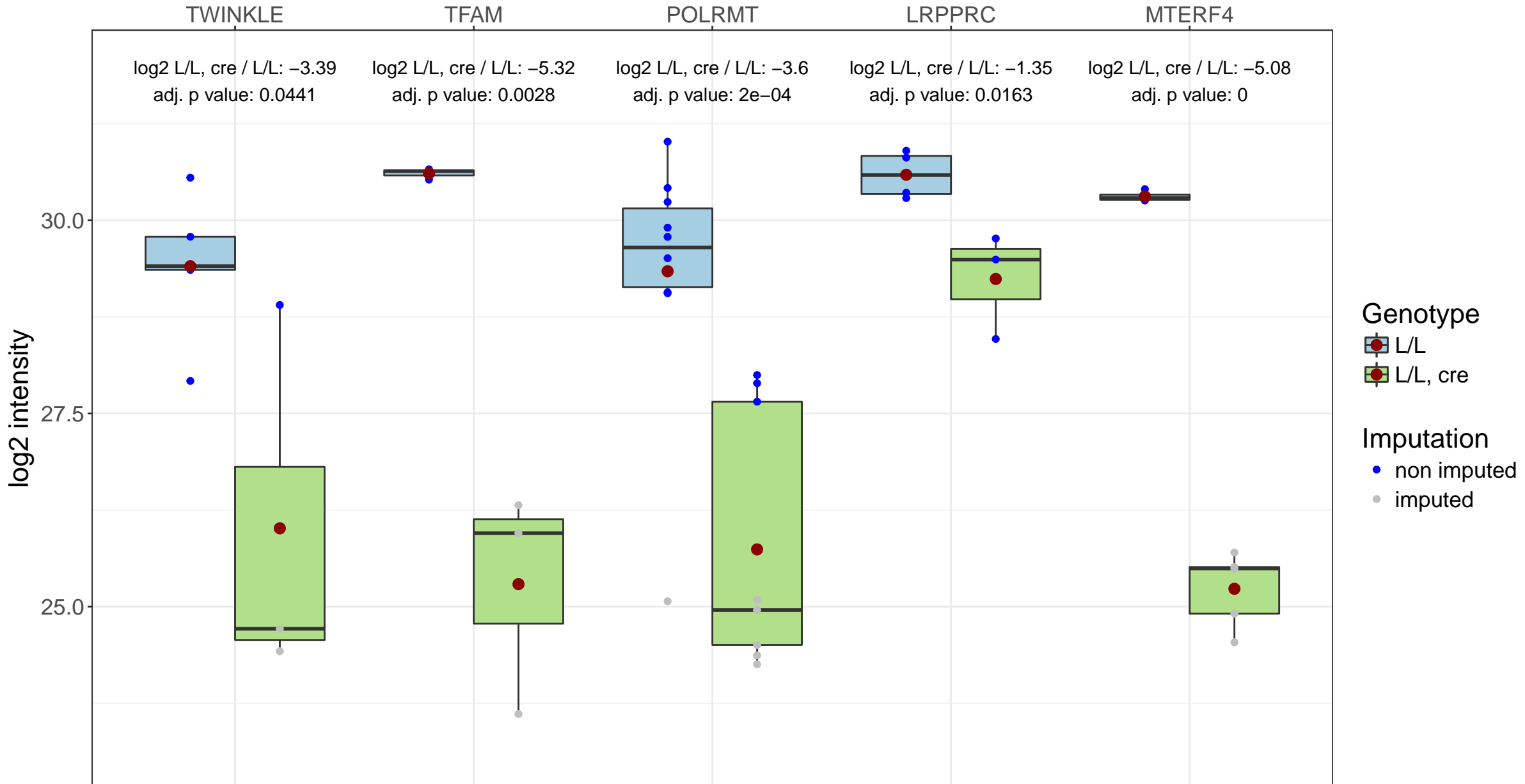
# NARS2 / Q8BGV0



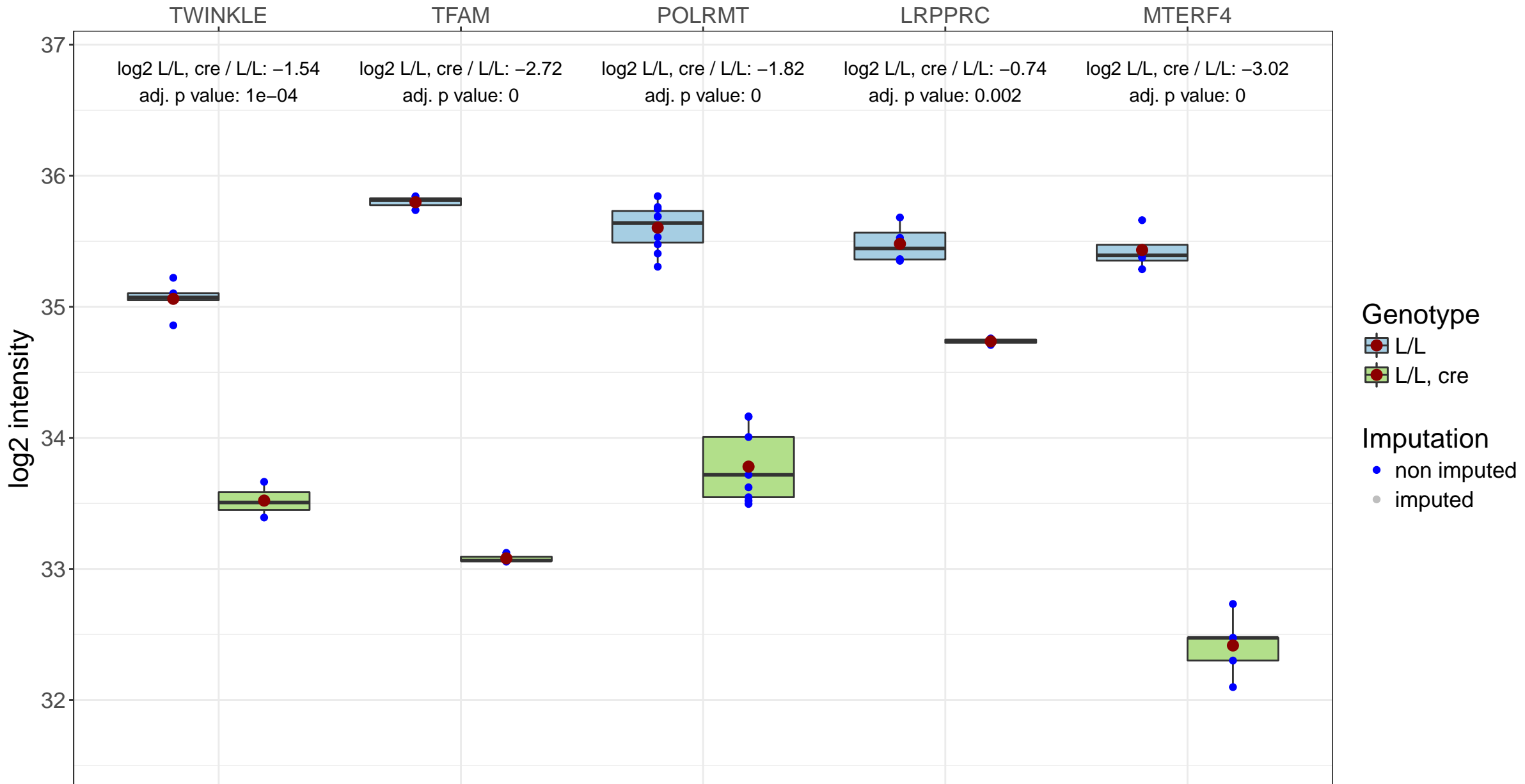
# NDRG2 / Q9QYG0



# NDUFA1 / O35683

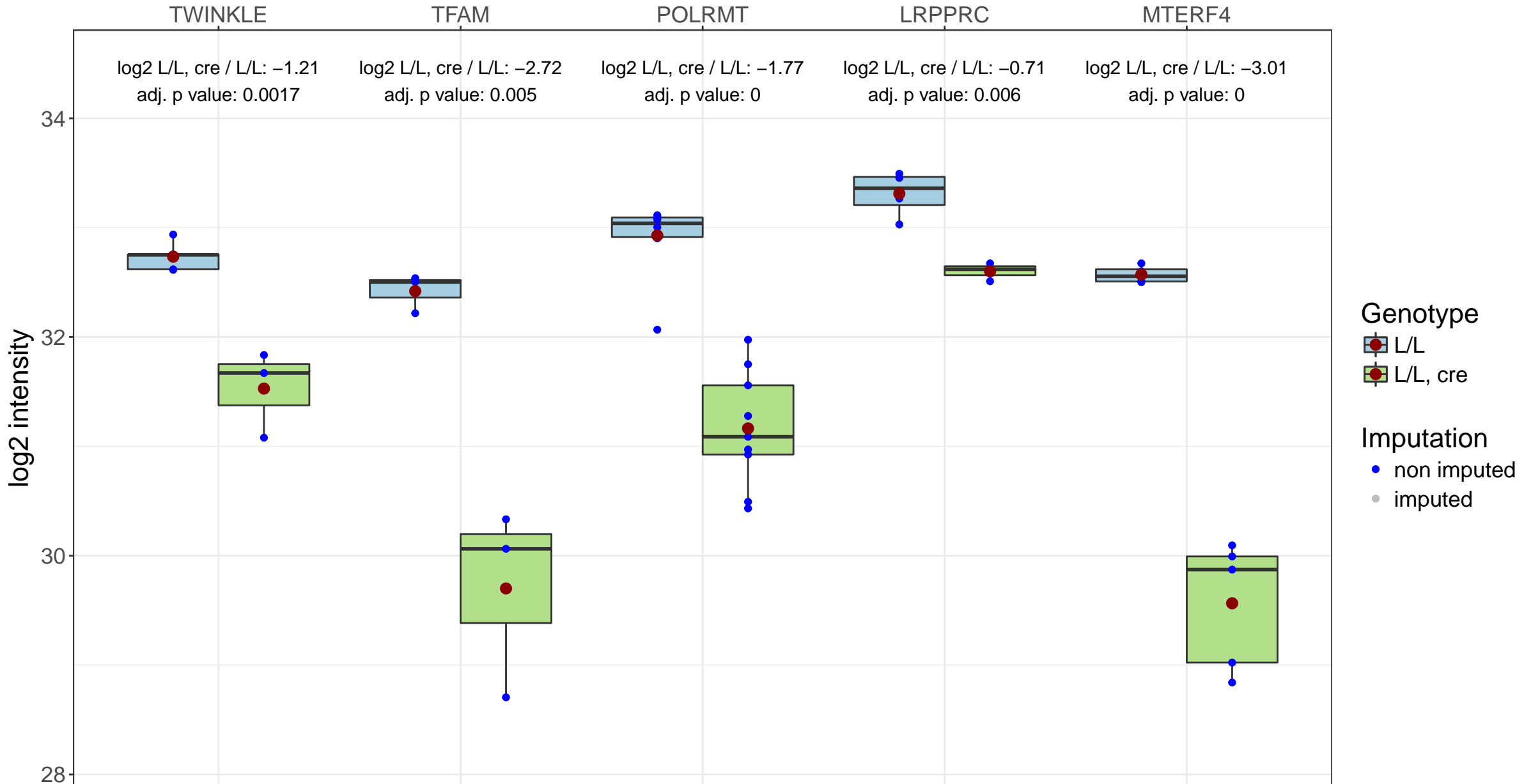


# NDUFA10 / Q99LC3

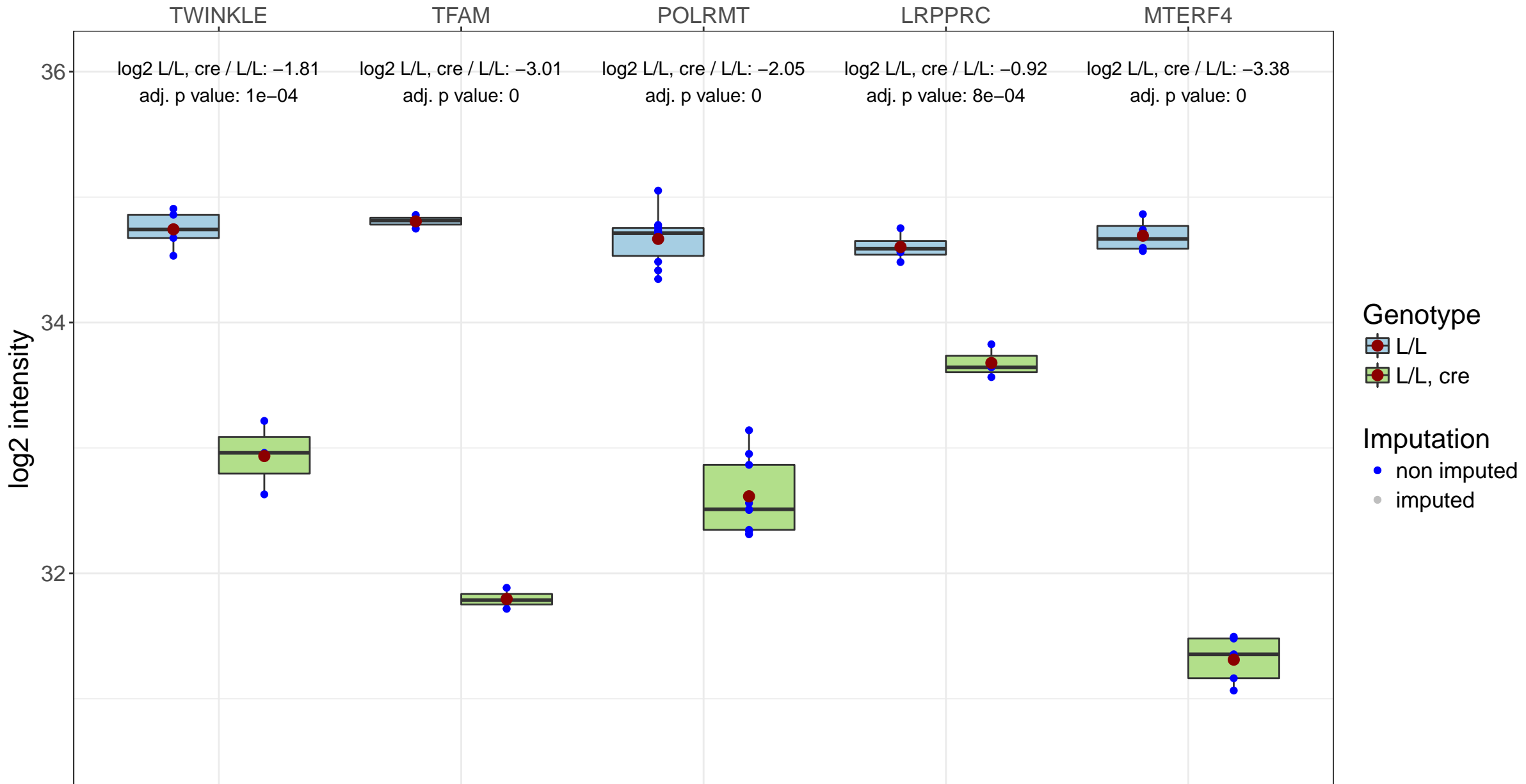




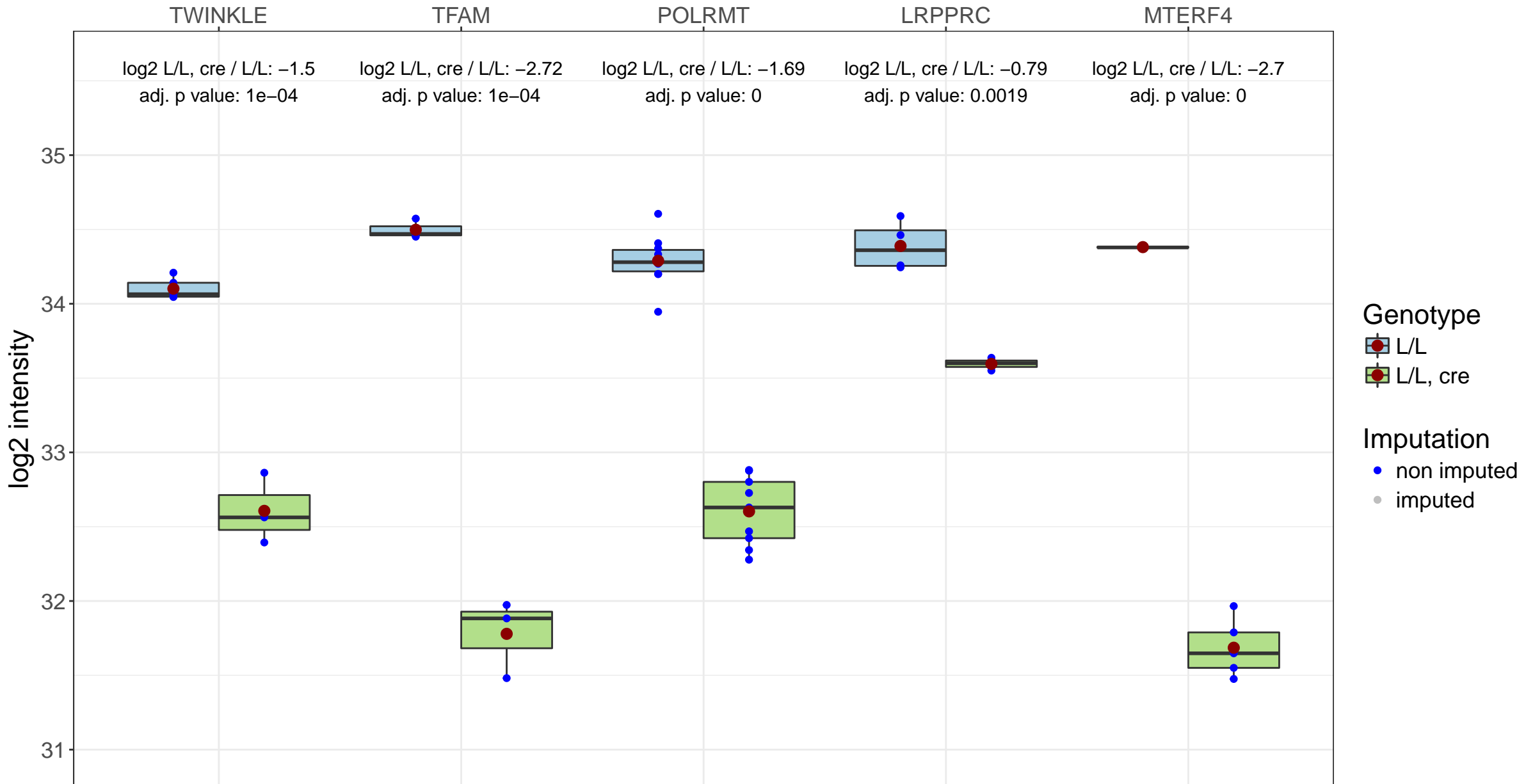
# NDUFA11 / G5E814



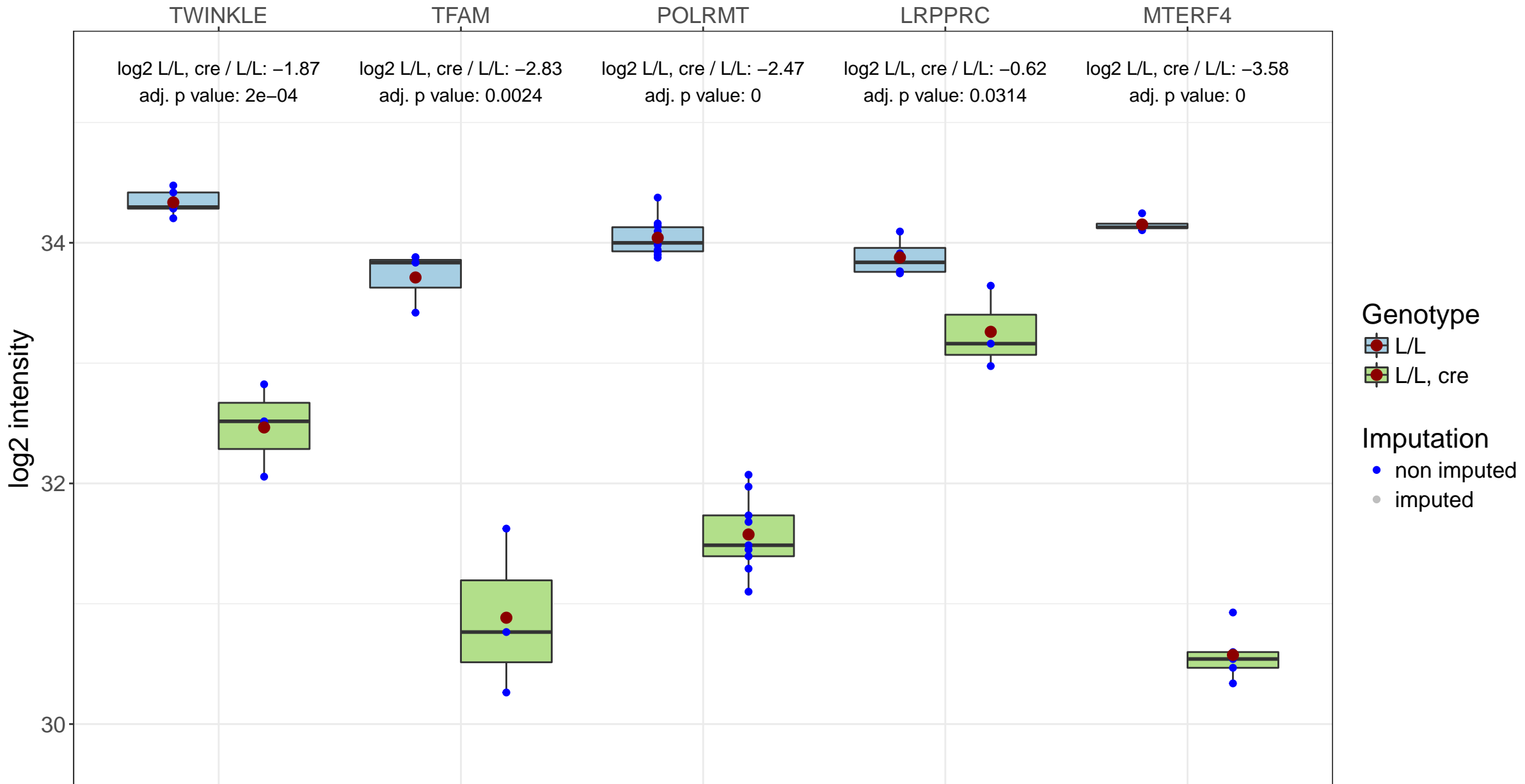
# NDUFA12 / Q7TMF3



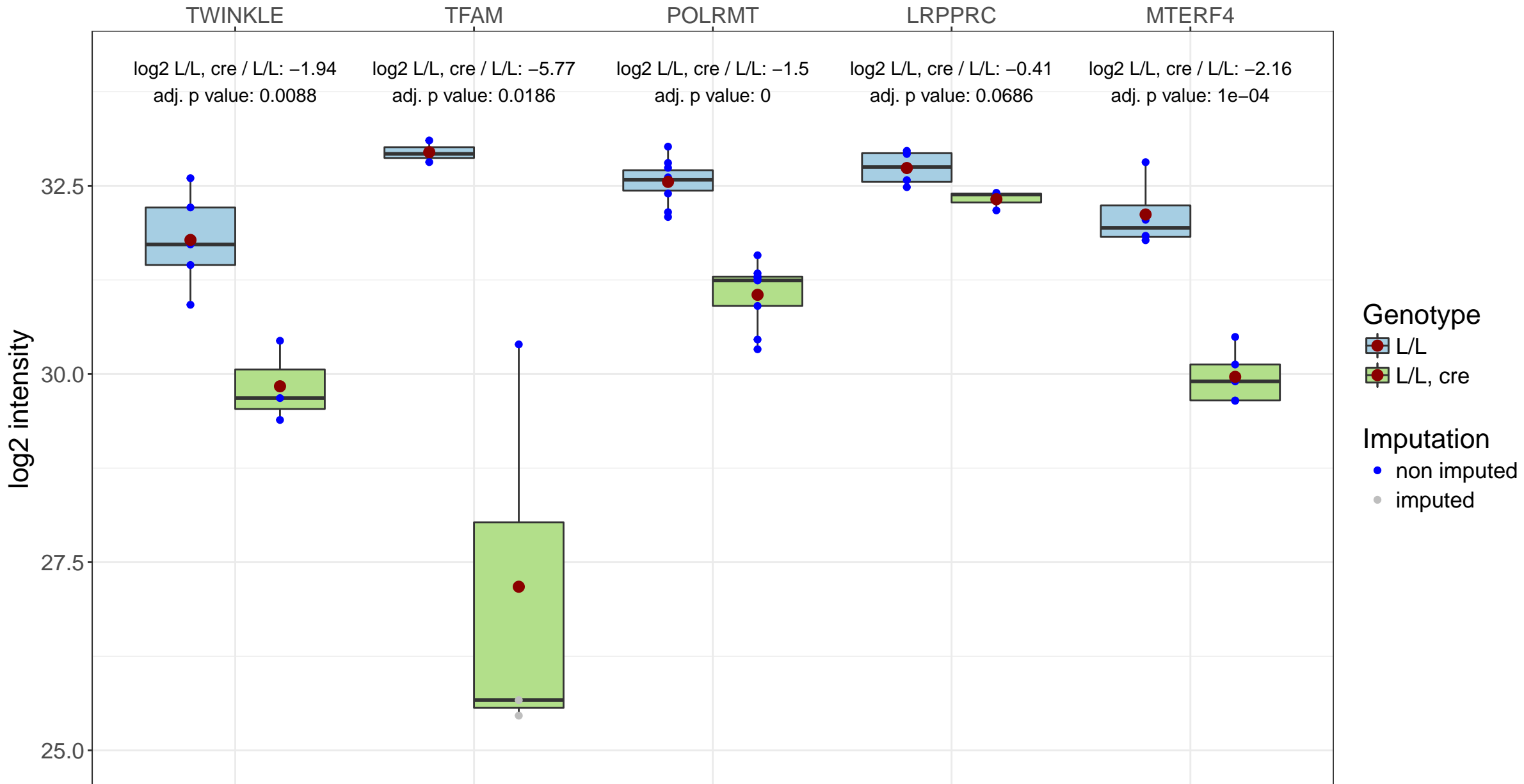
# NDUFA13 / Q9ERS2



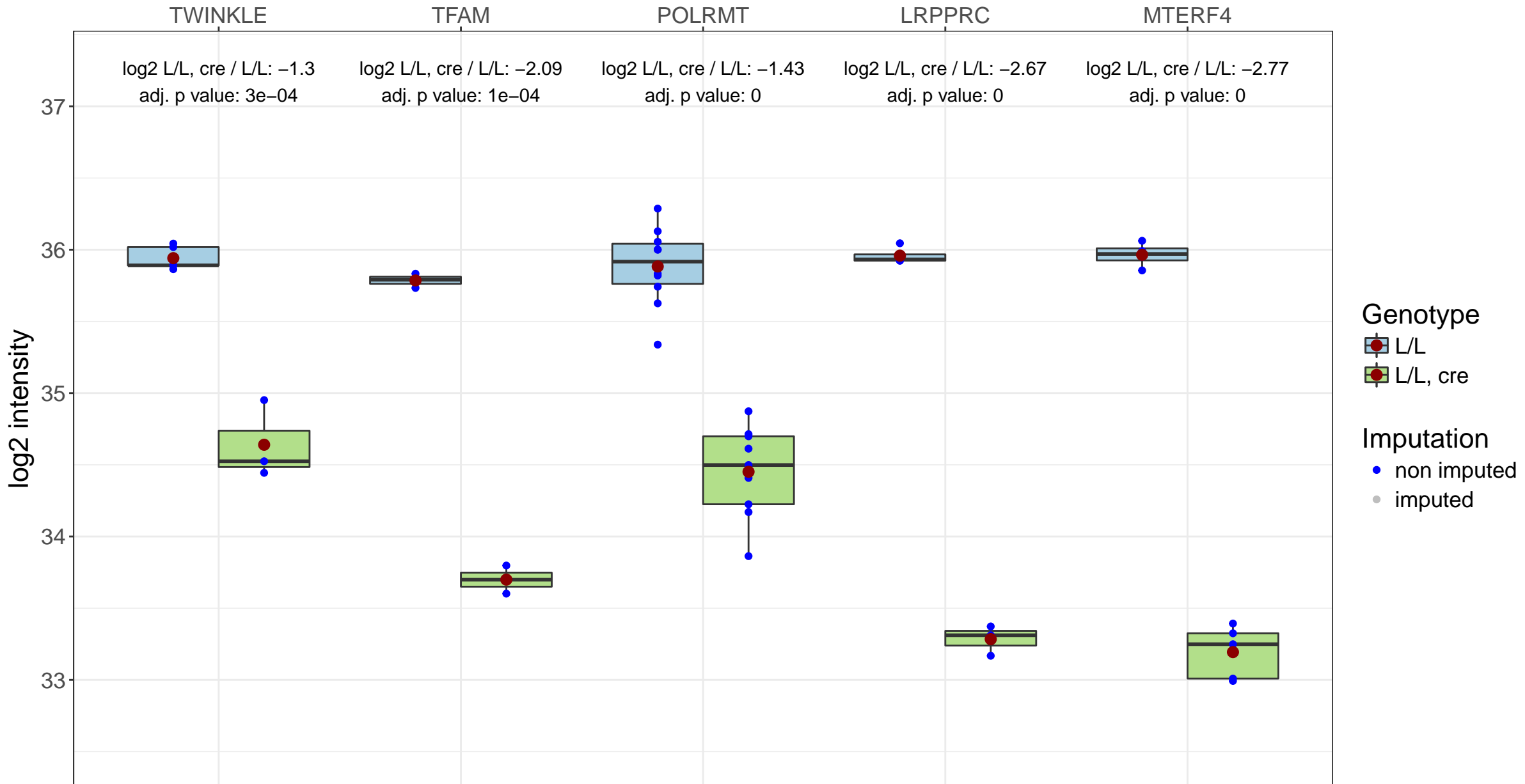
# NDUFA2 / Q9CQ75



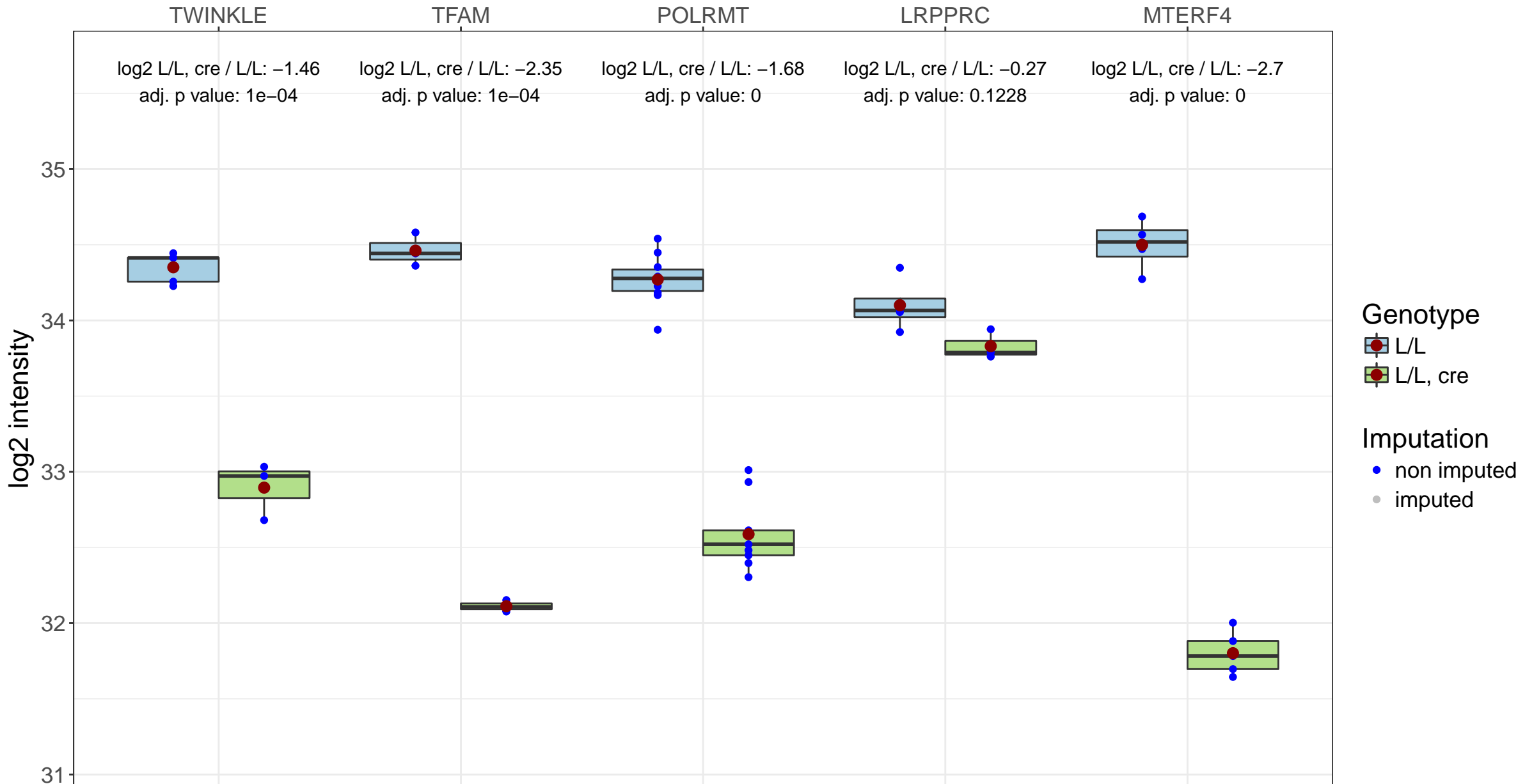
# NDUFA3 / Q9CQ91



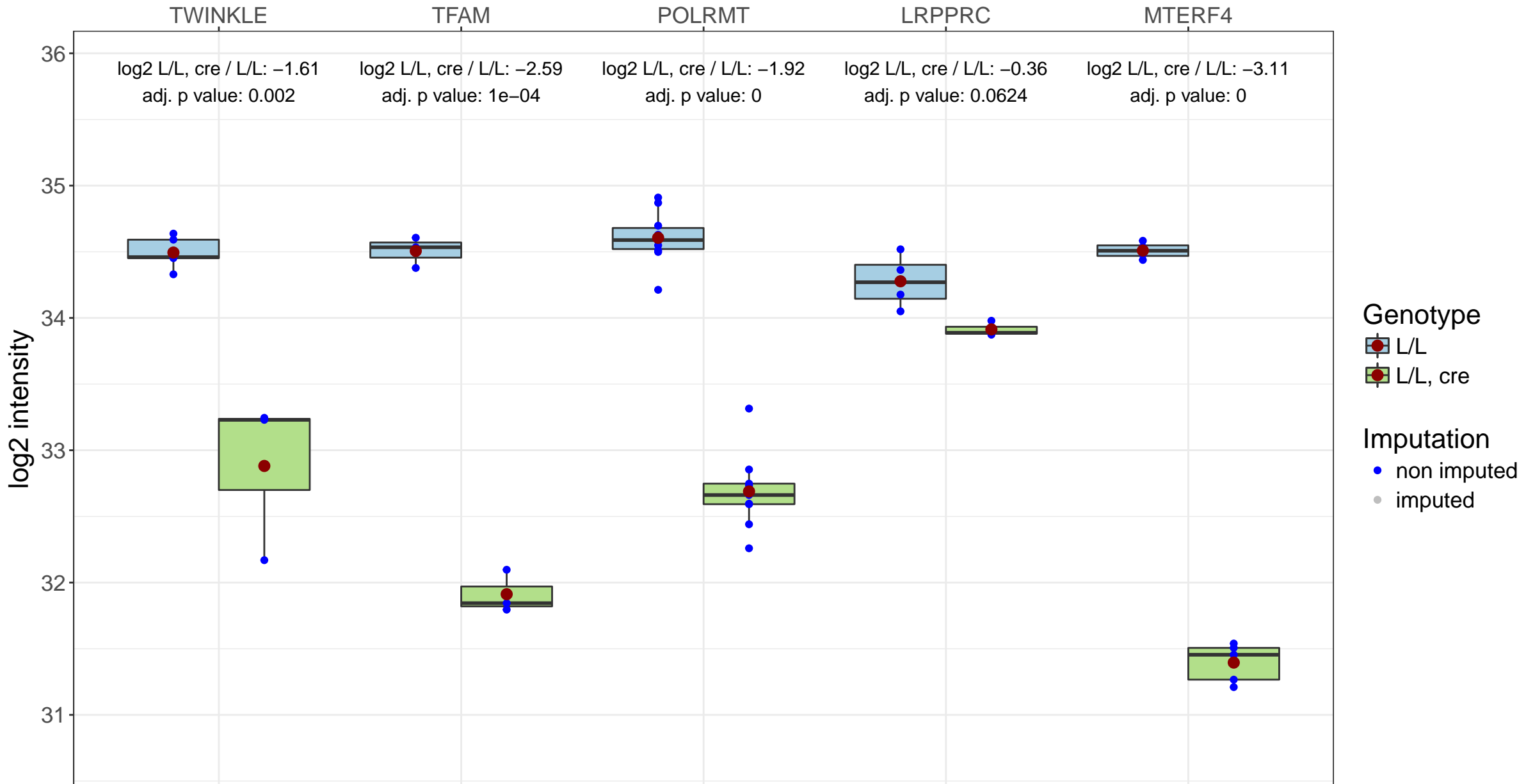
# NDUFA4 / Q62425



# NDUFA5 / Q9CPP6

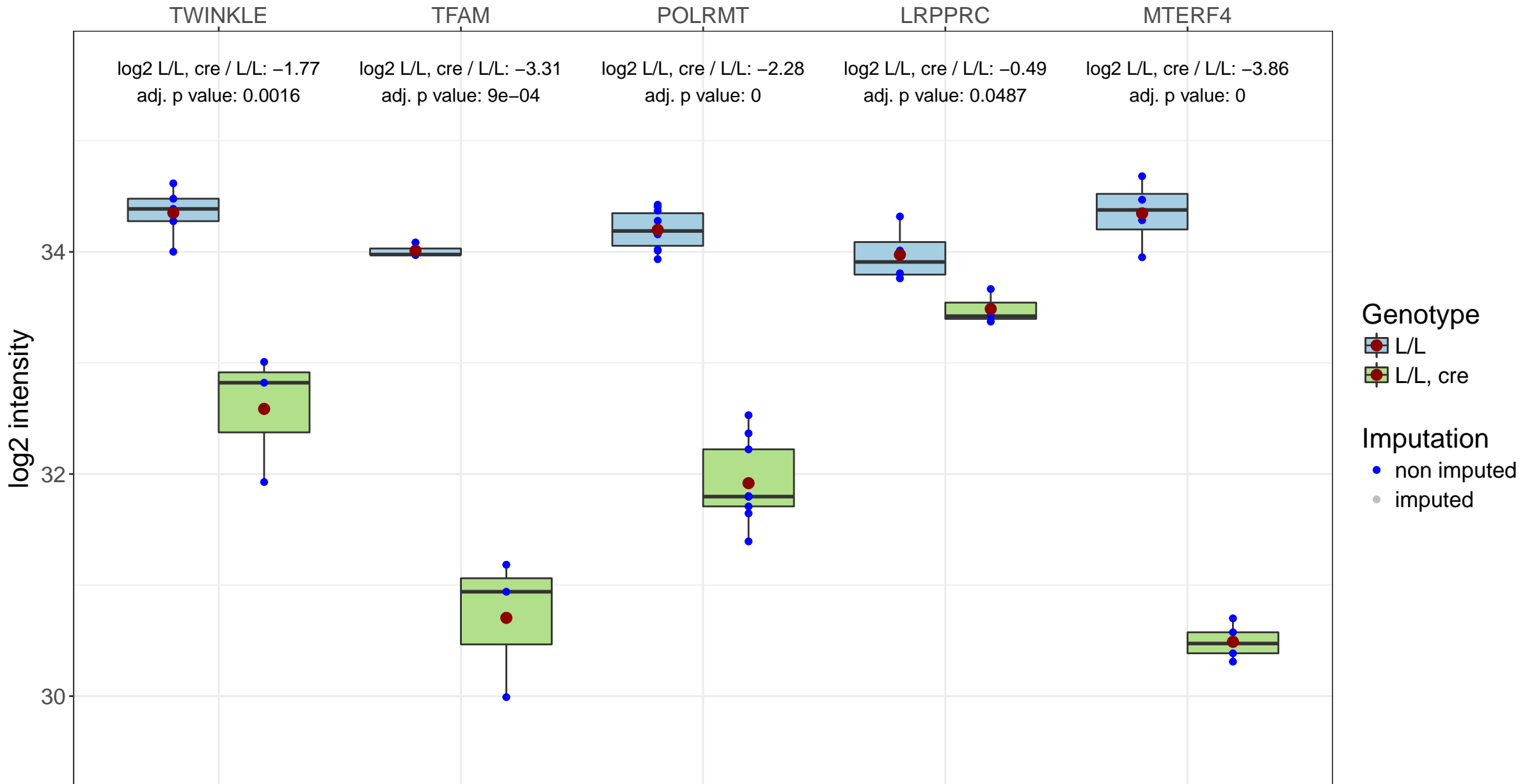


# NDUFA6 / Q9CQZ5

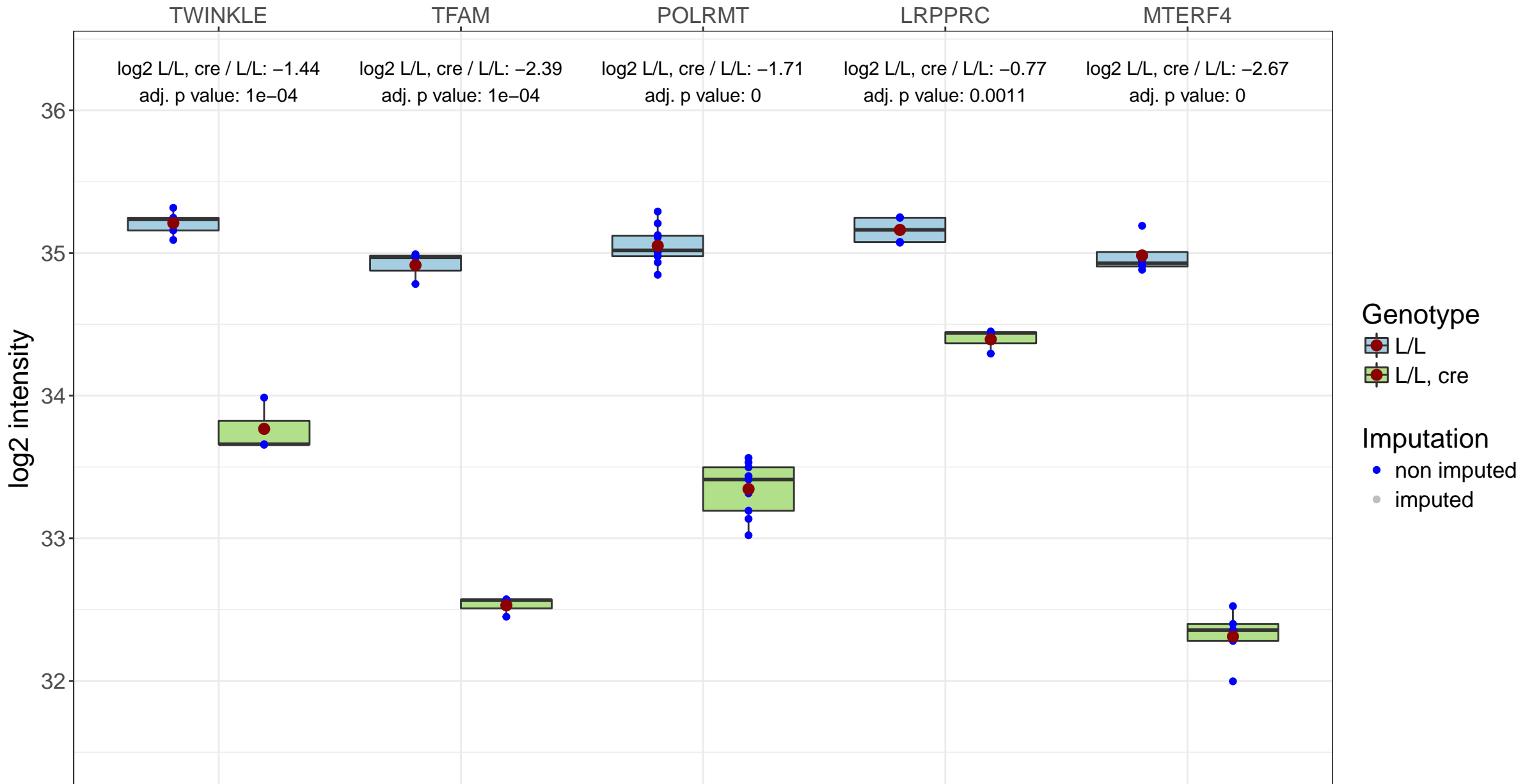




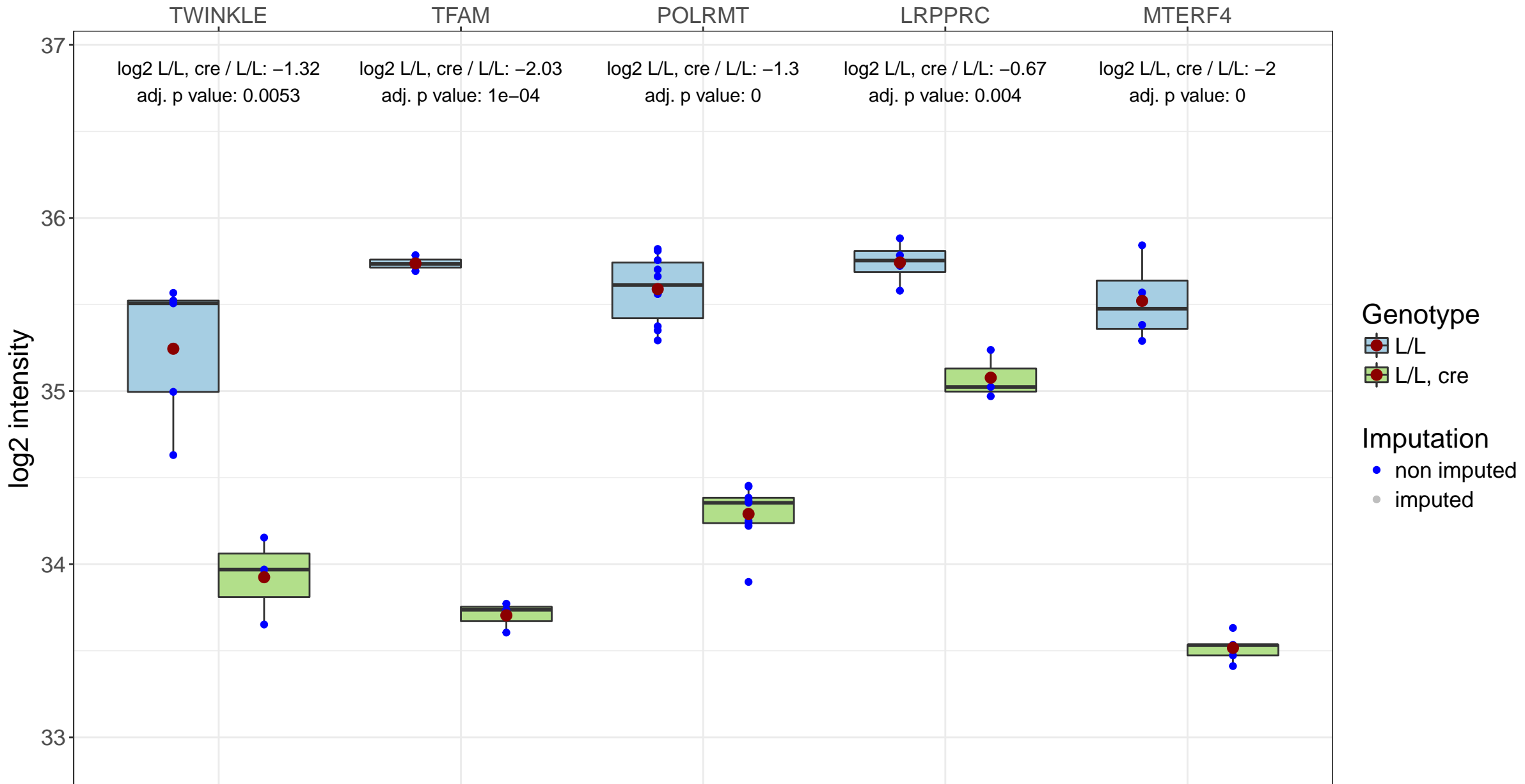
# NDUFA7 / Q9Z1P6



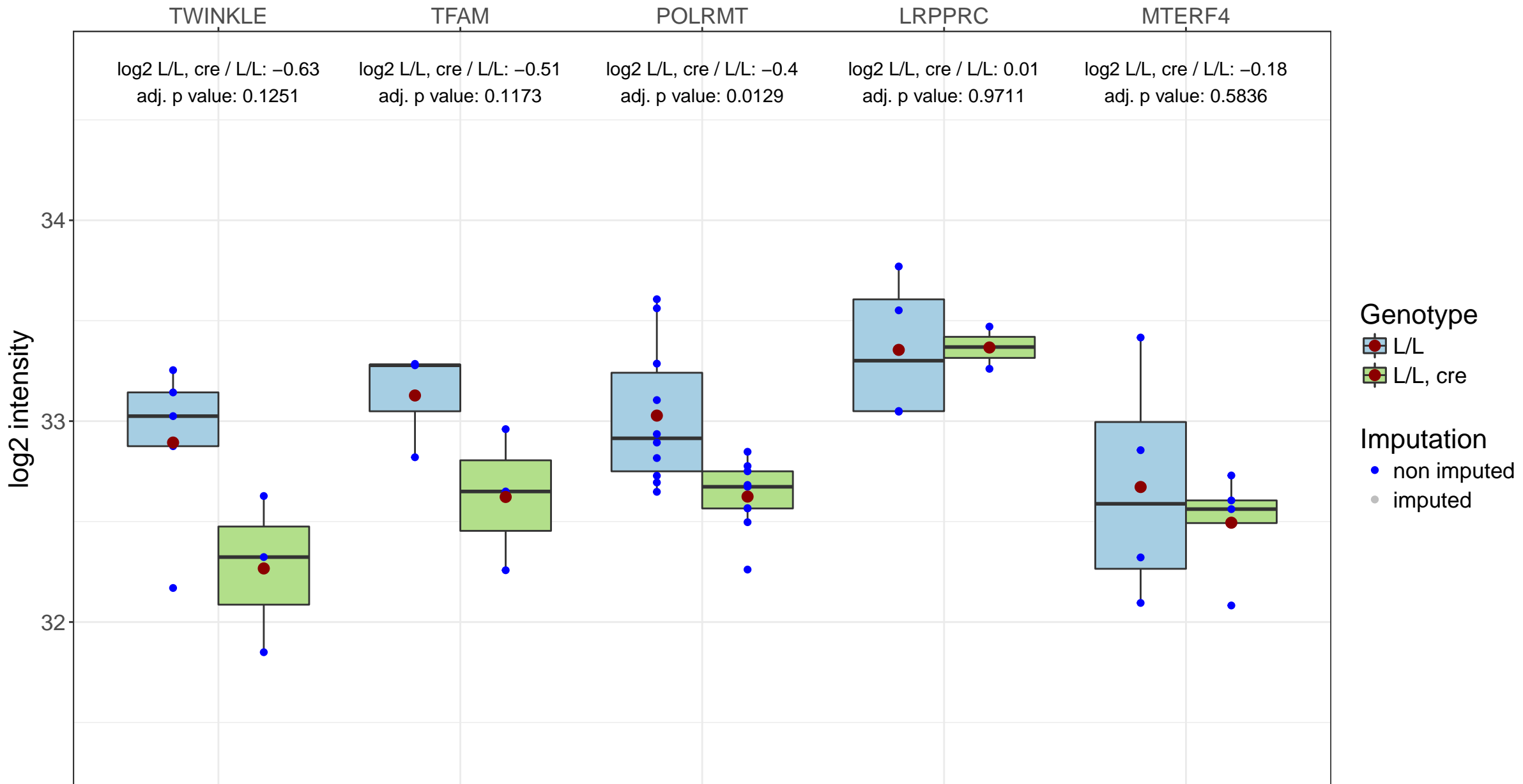
# NDUFA8 / Q9DCJ5



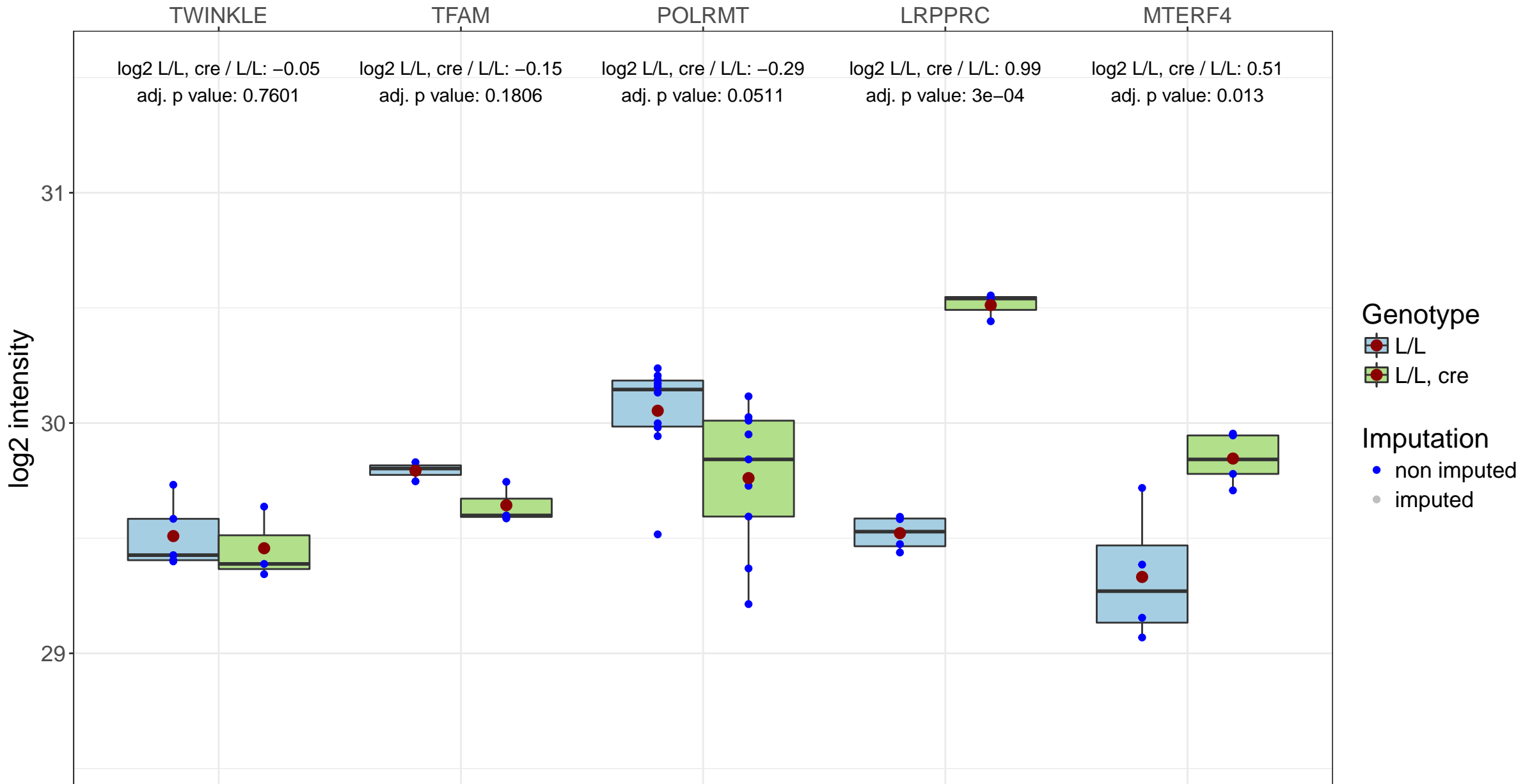
# NDUFA9 / Q9DC69



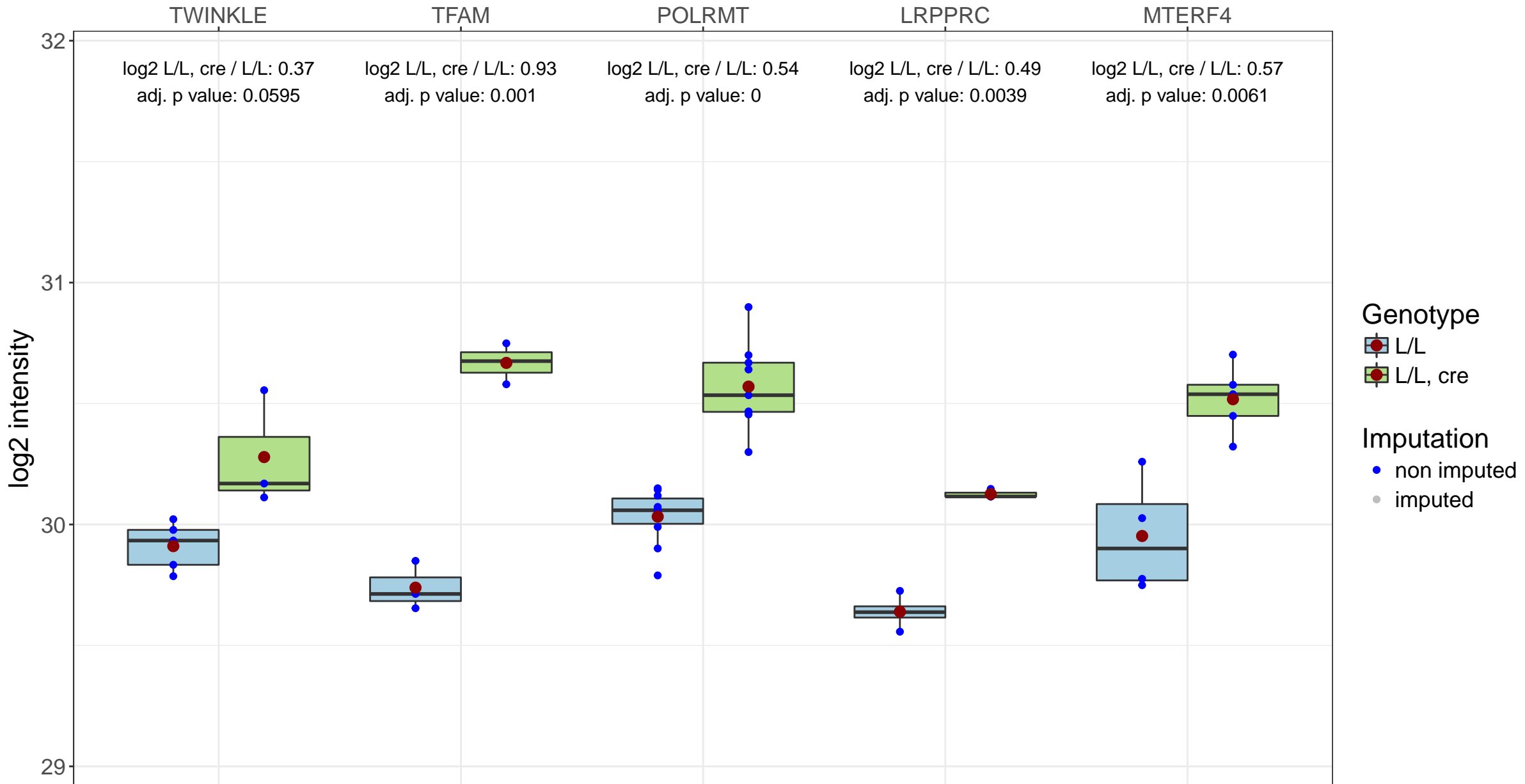
# NDUFAB1 / F6ZFT1



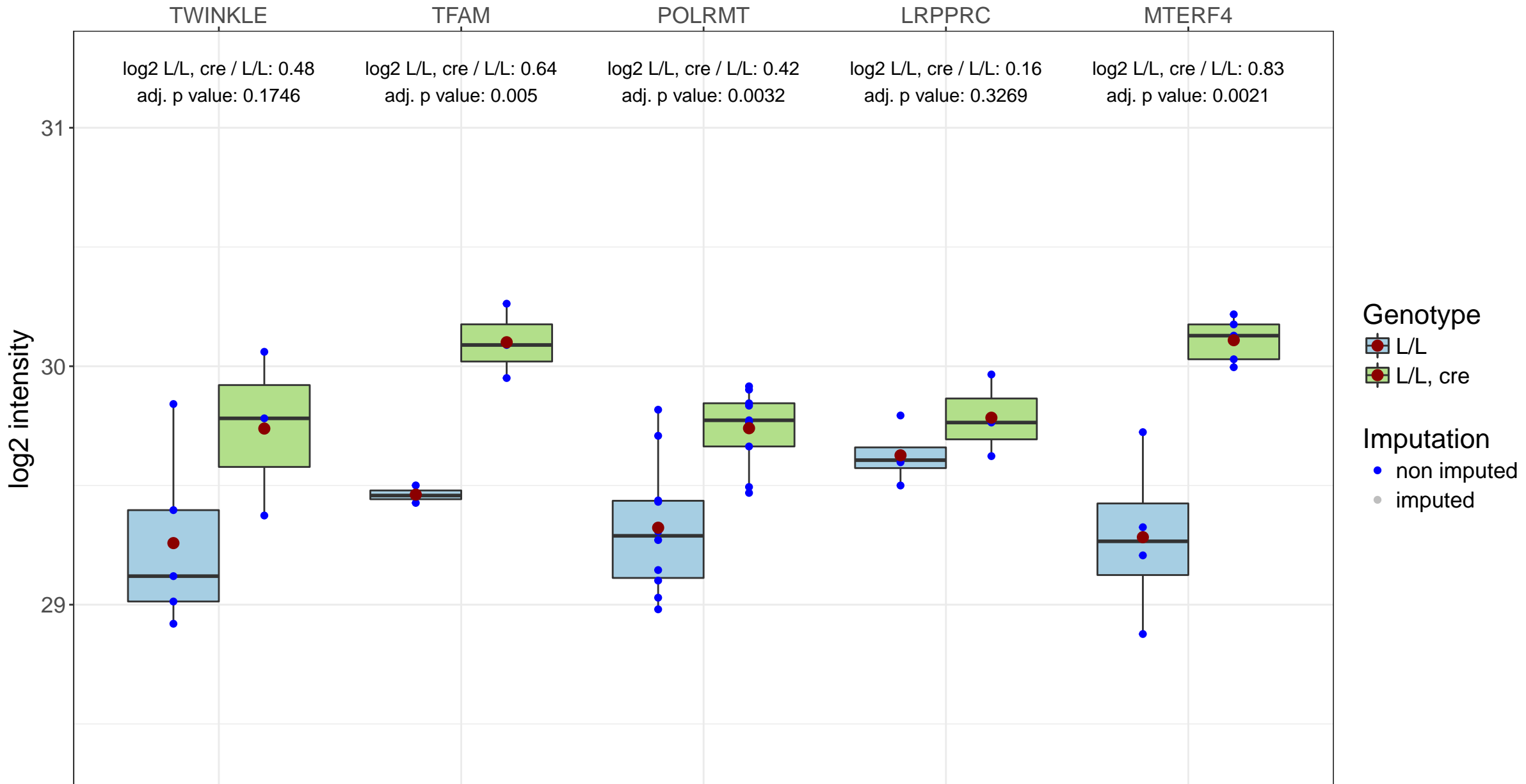
# NDUFAF1 / A2AQ17



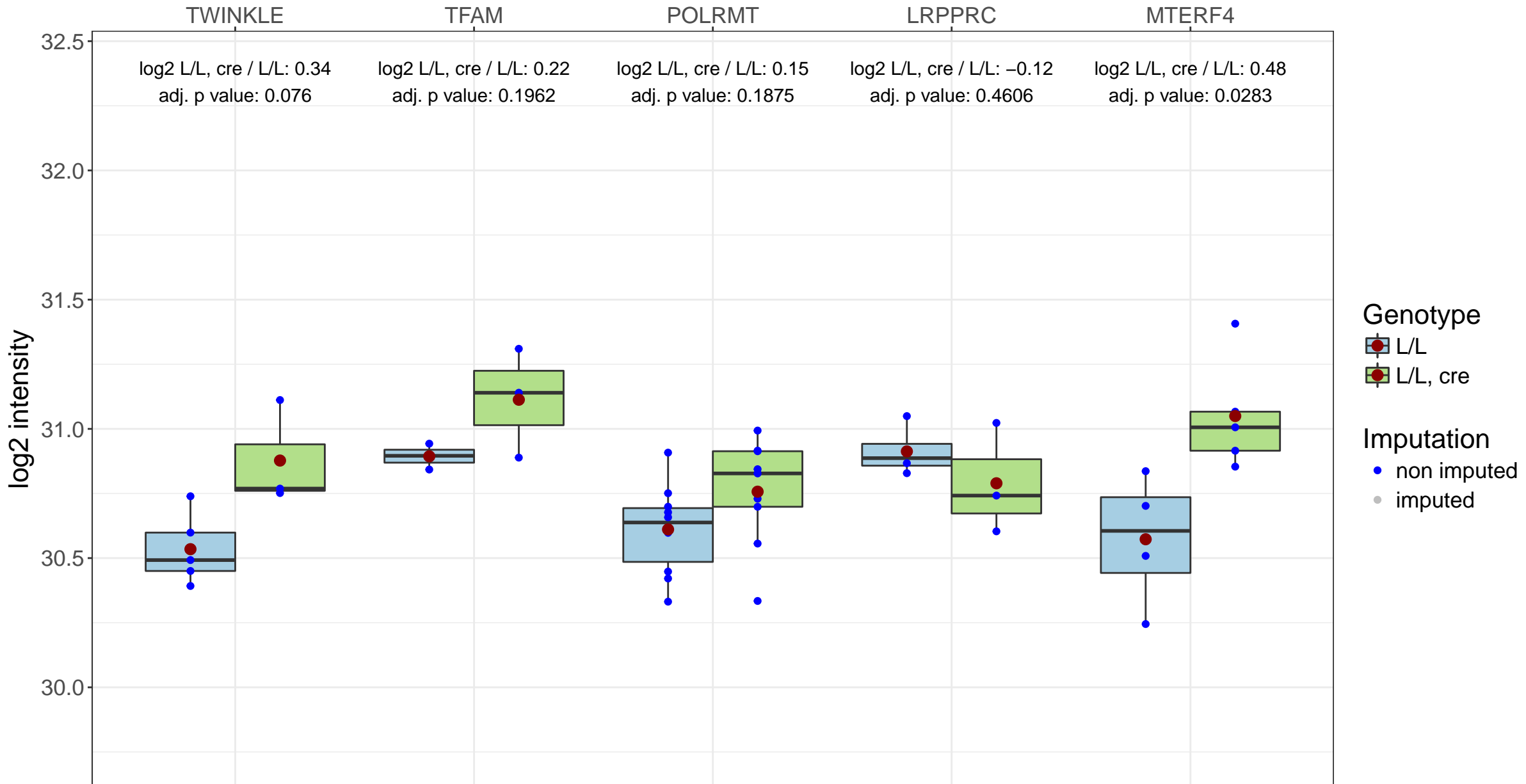
# NDUFAF2 / Q59J78



# NDUFAF3 / Q9JKL4

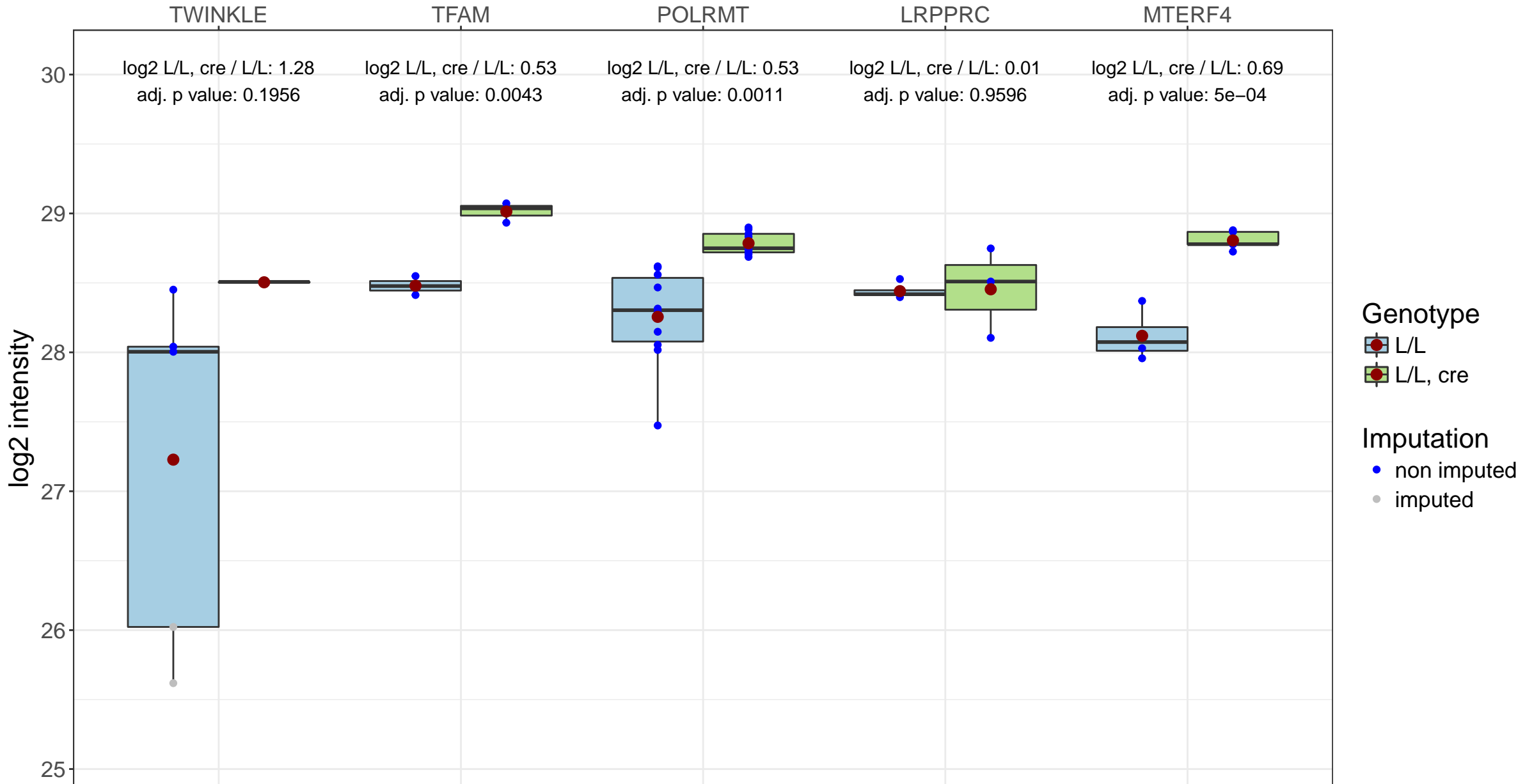


# NDUFAF4 / Q9D1H6

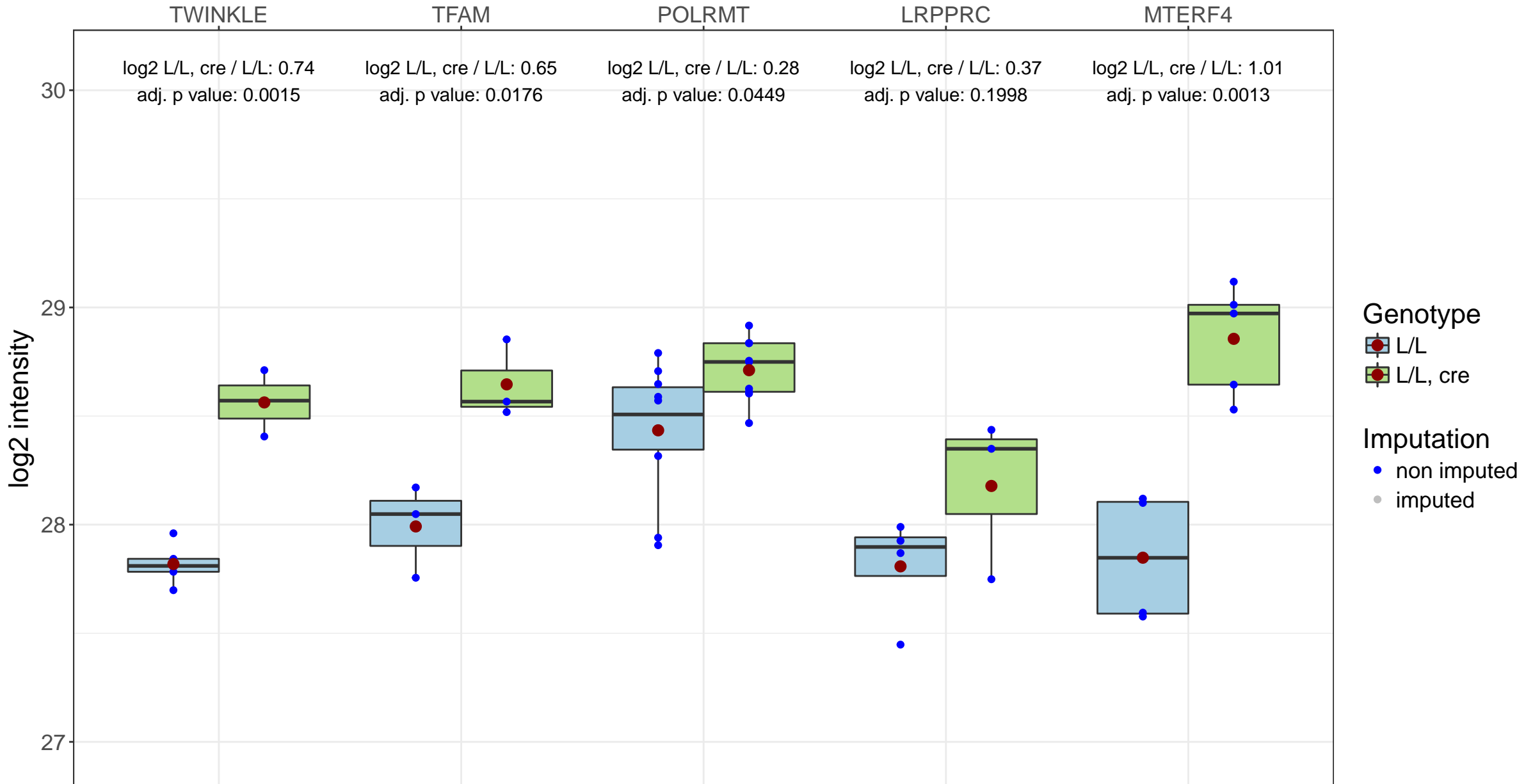




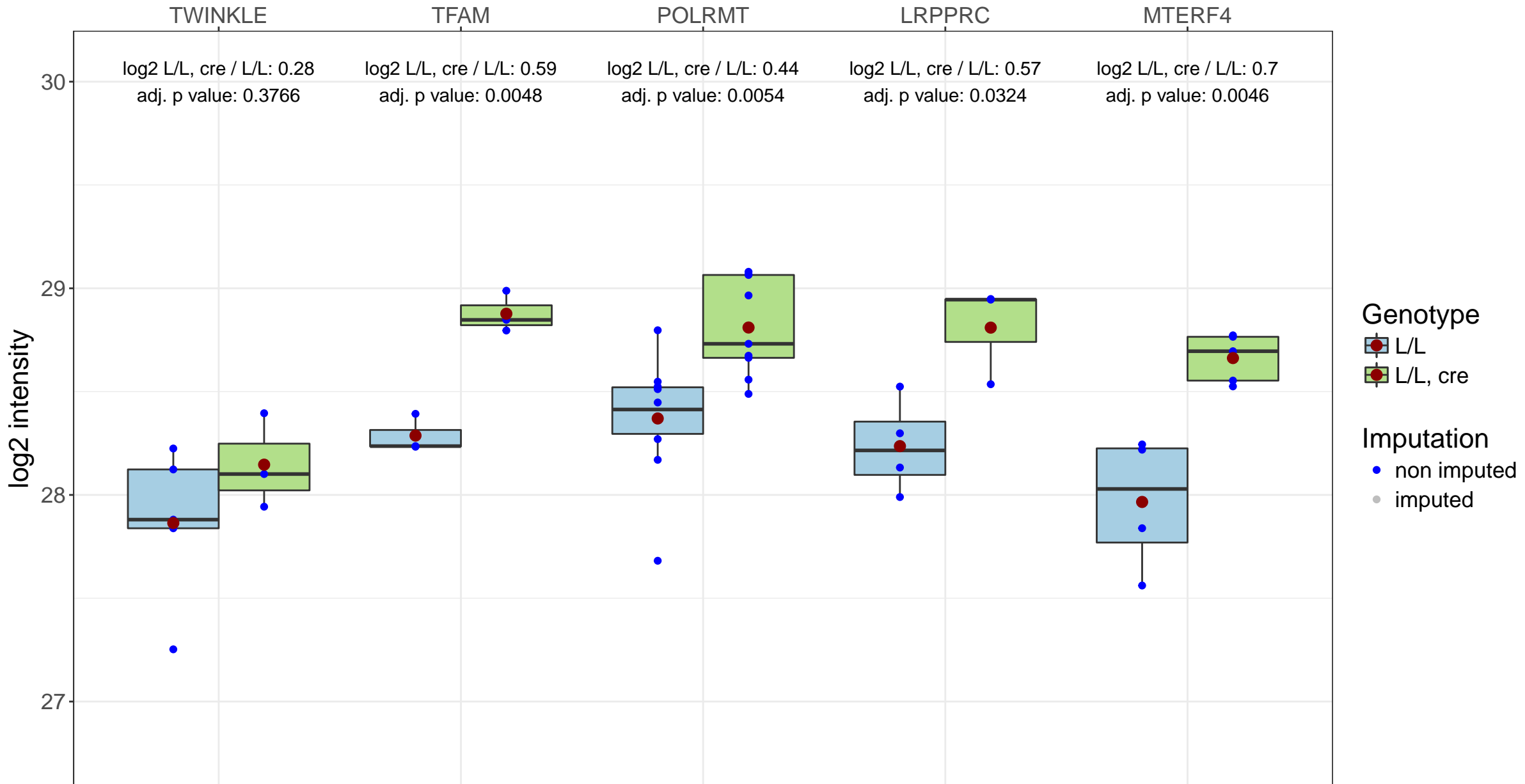
# NDUFAF5 / A2APY7



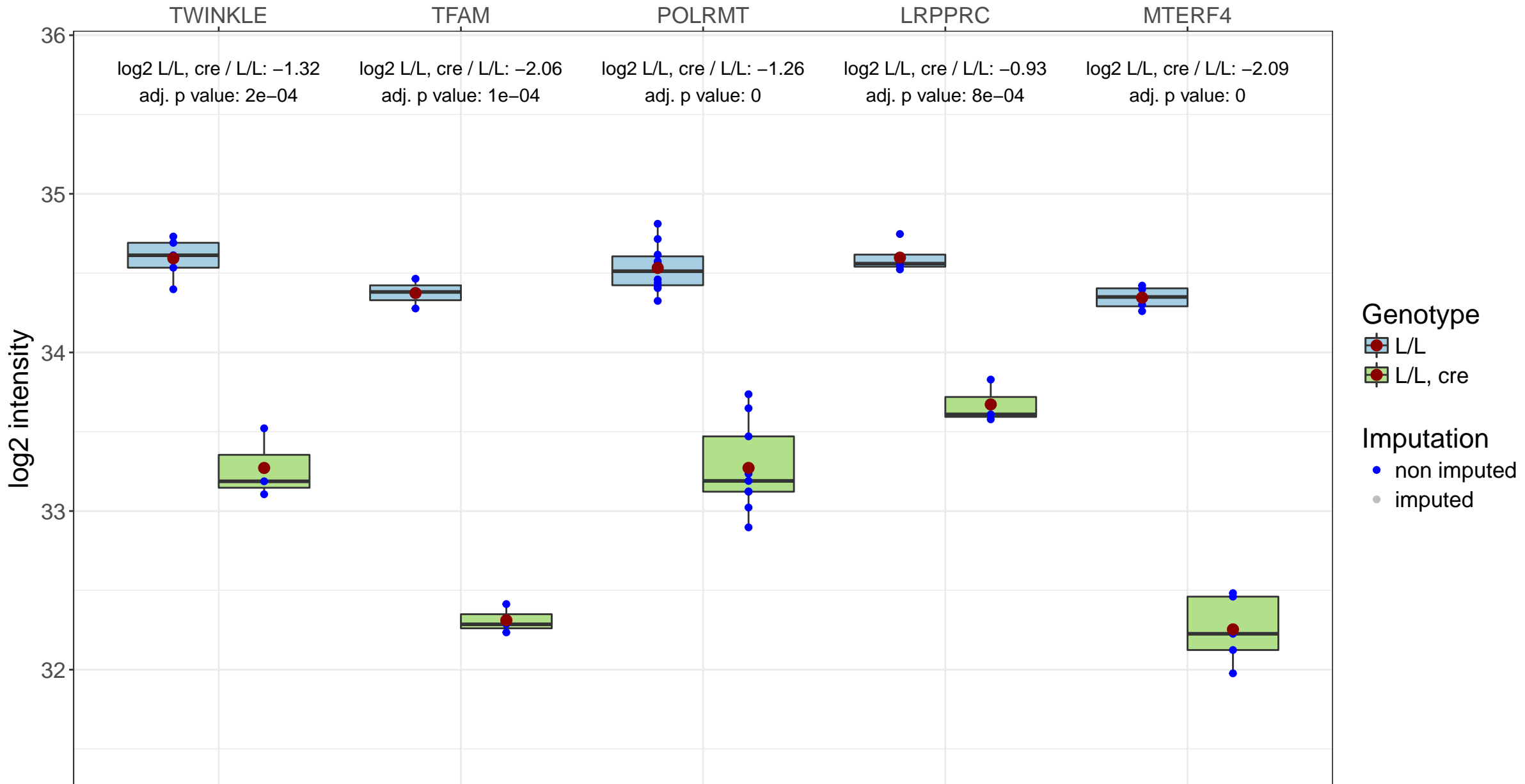
# NDUFAF6 / A2AIL4



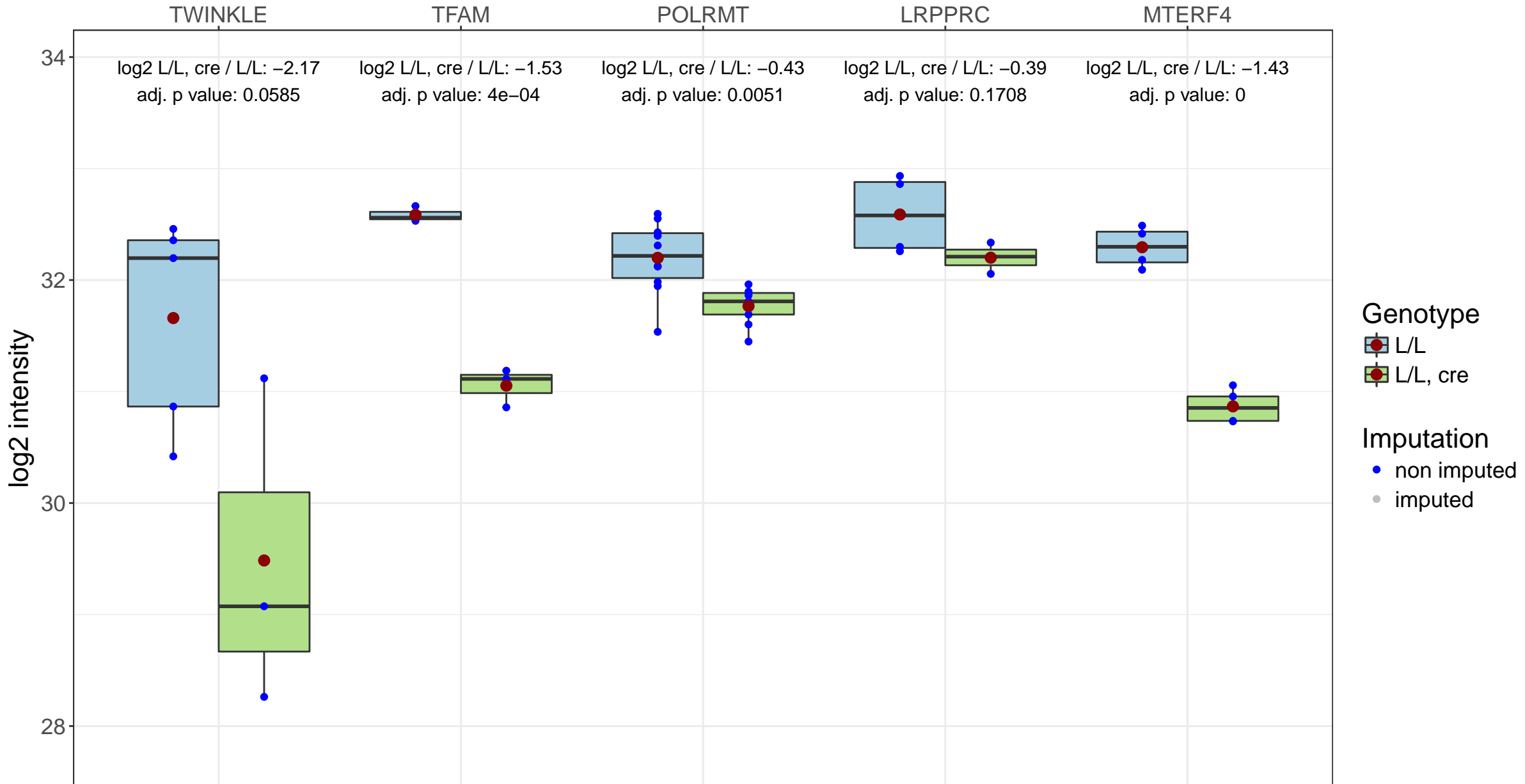
# NDUFAF7 / Q9CWG8



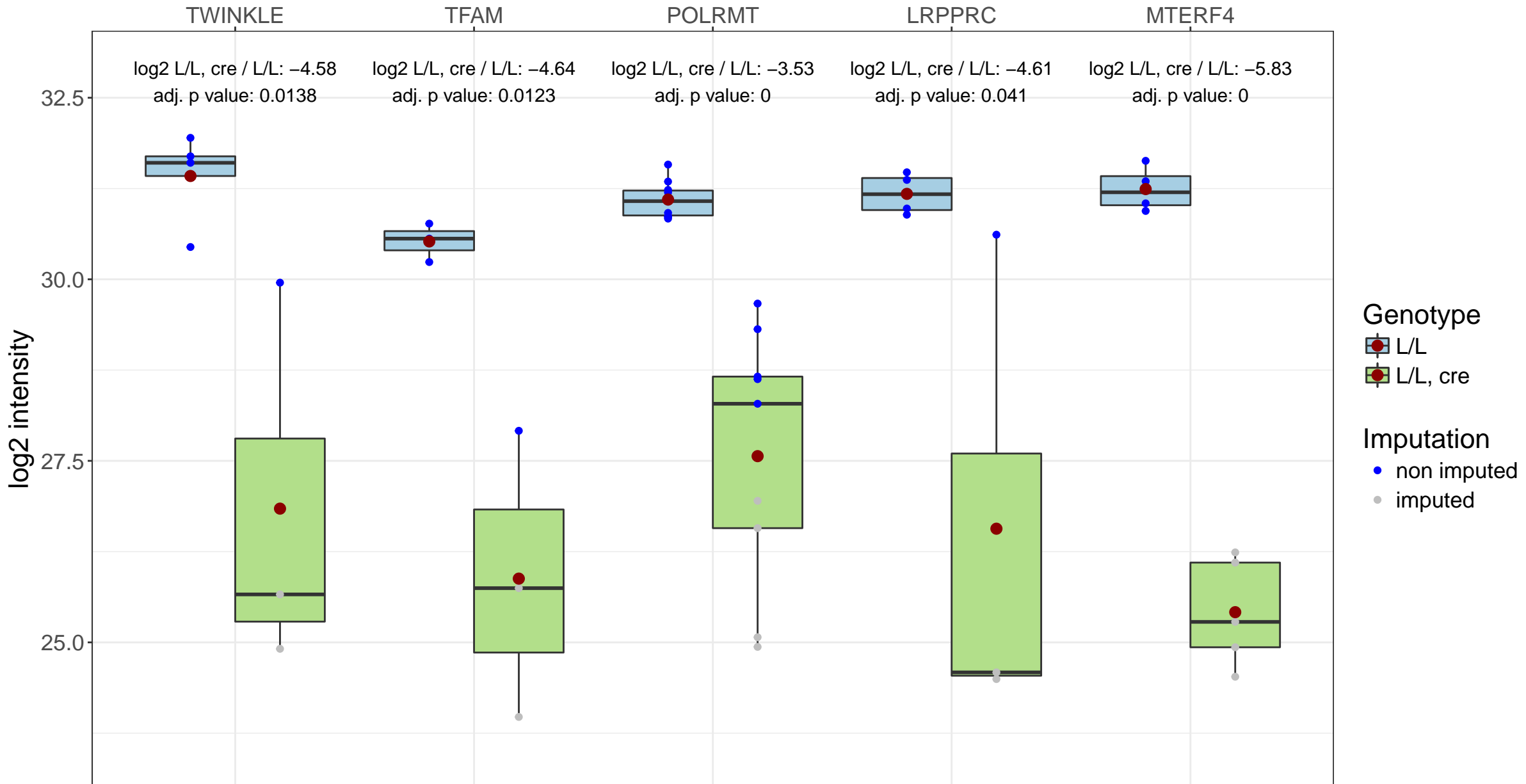
# NDUFB10 / Q9DCS9



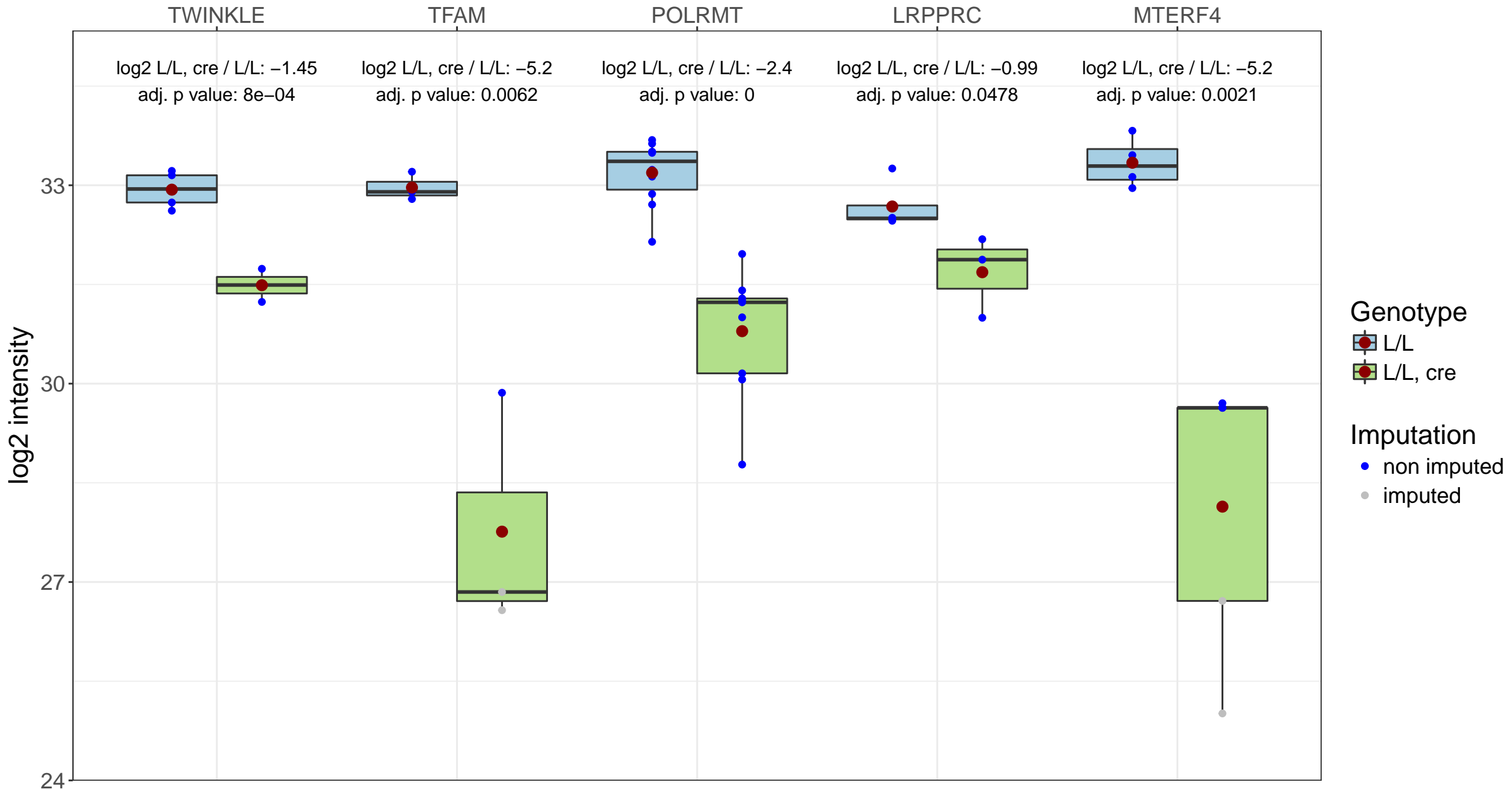
# NDUFB11 / O09111



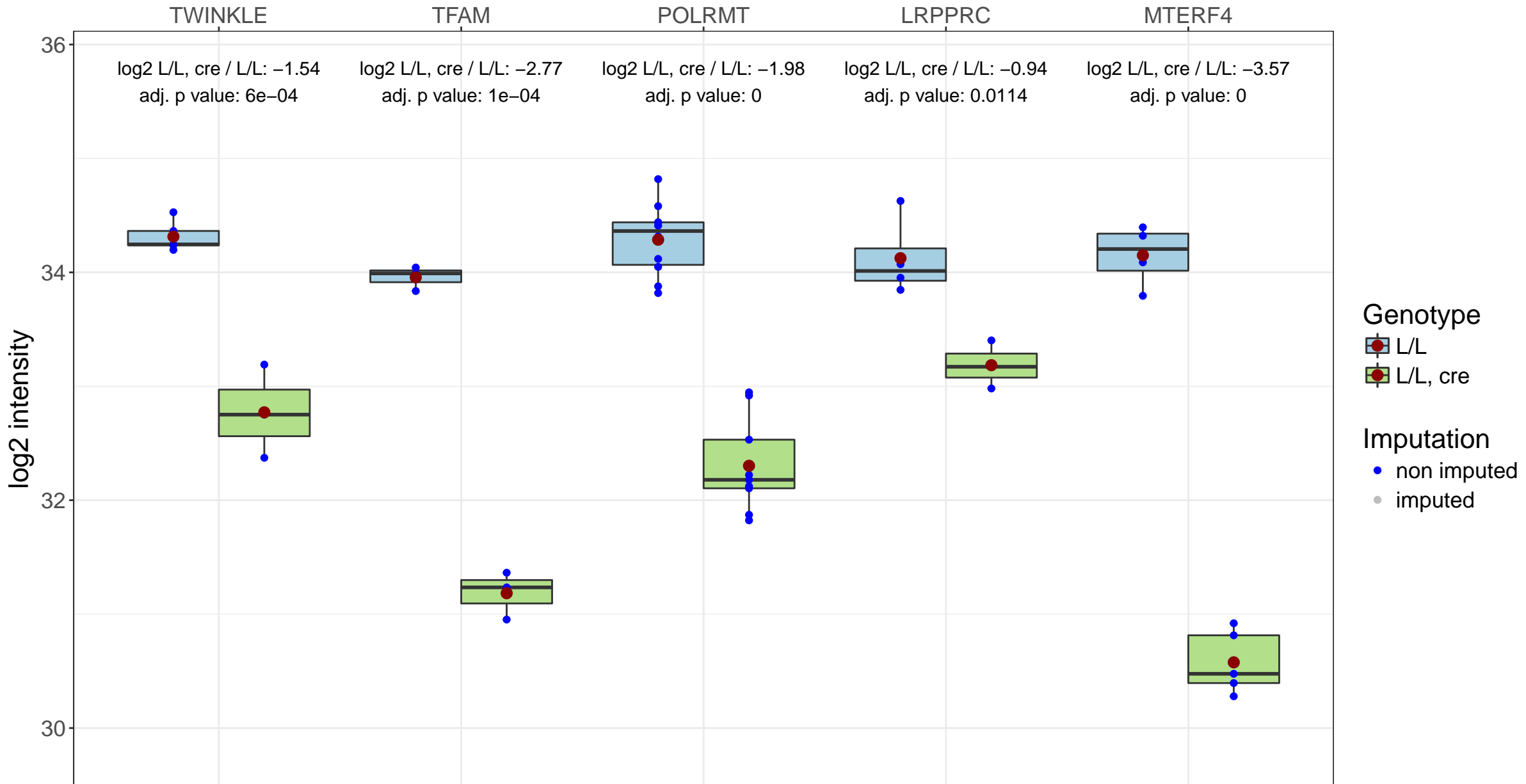
# NDUFB2 / Q9CPU2



# NDUFB3 / Q9CQZ6

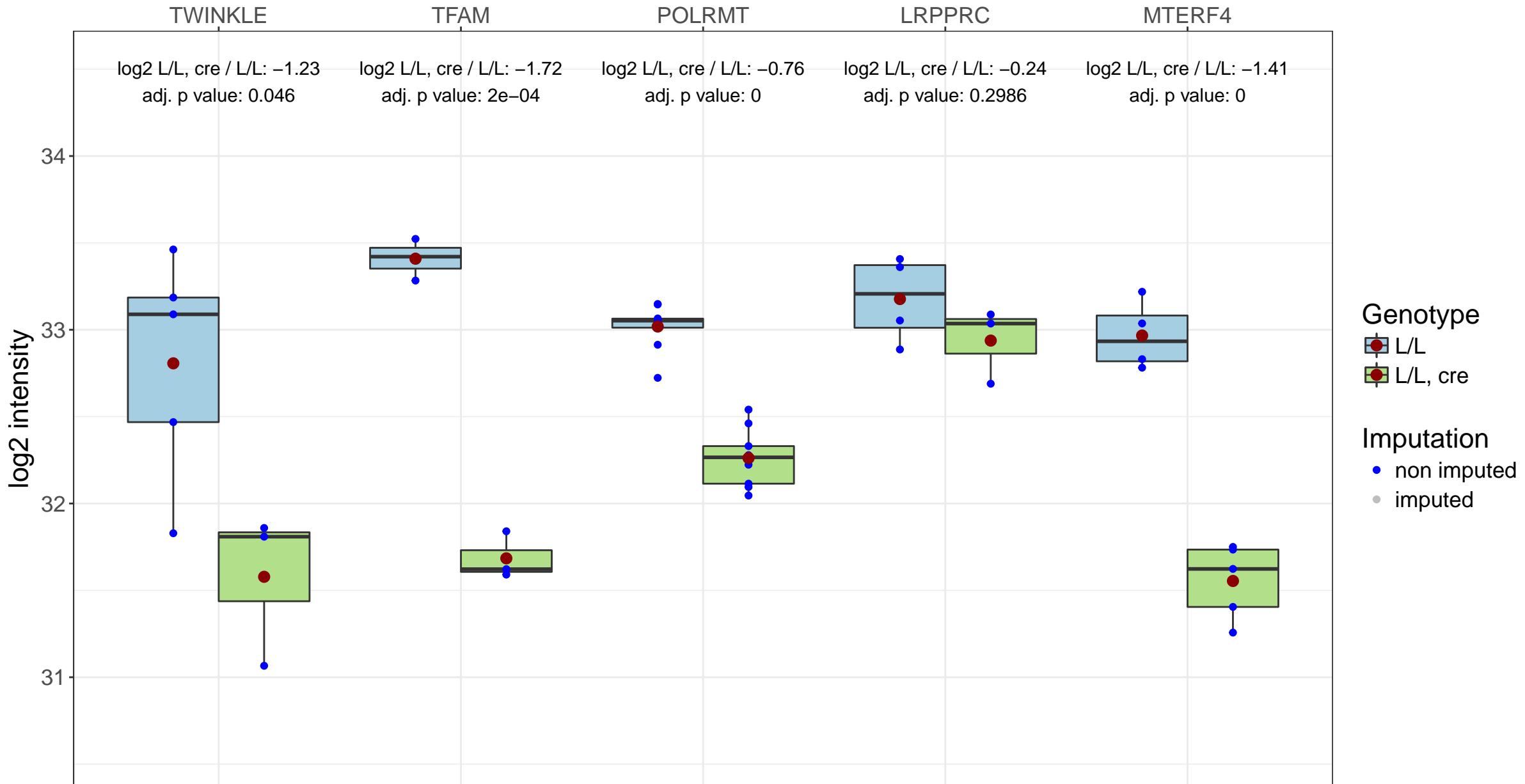


# NDUFB4 / Q9CQC7

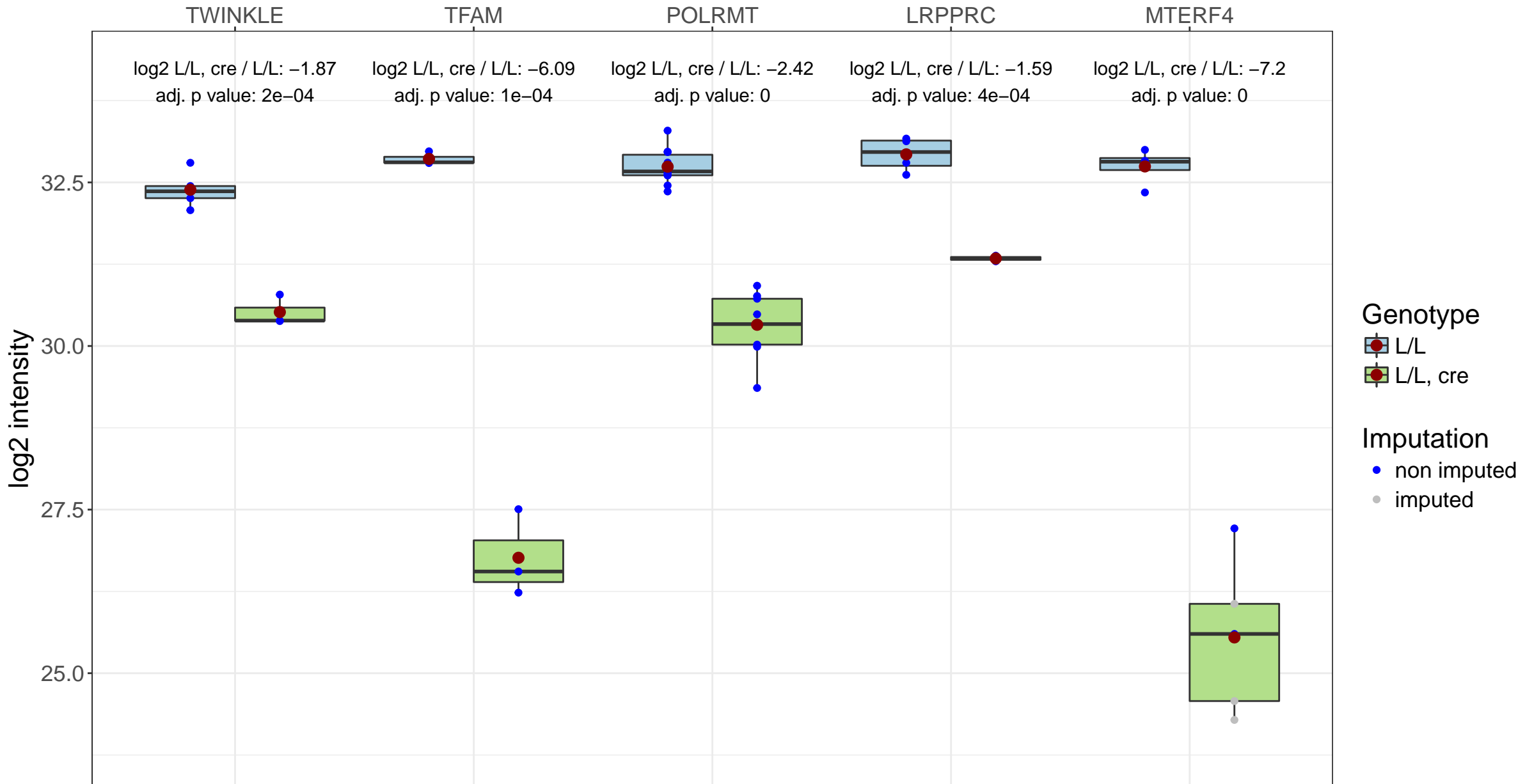




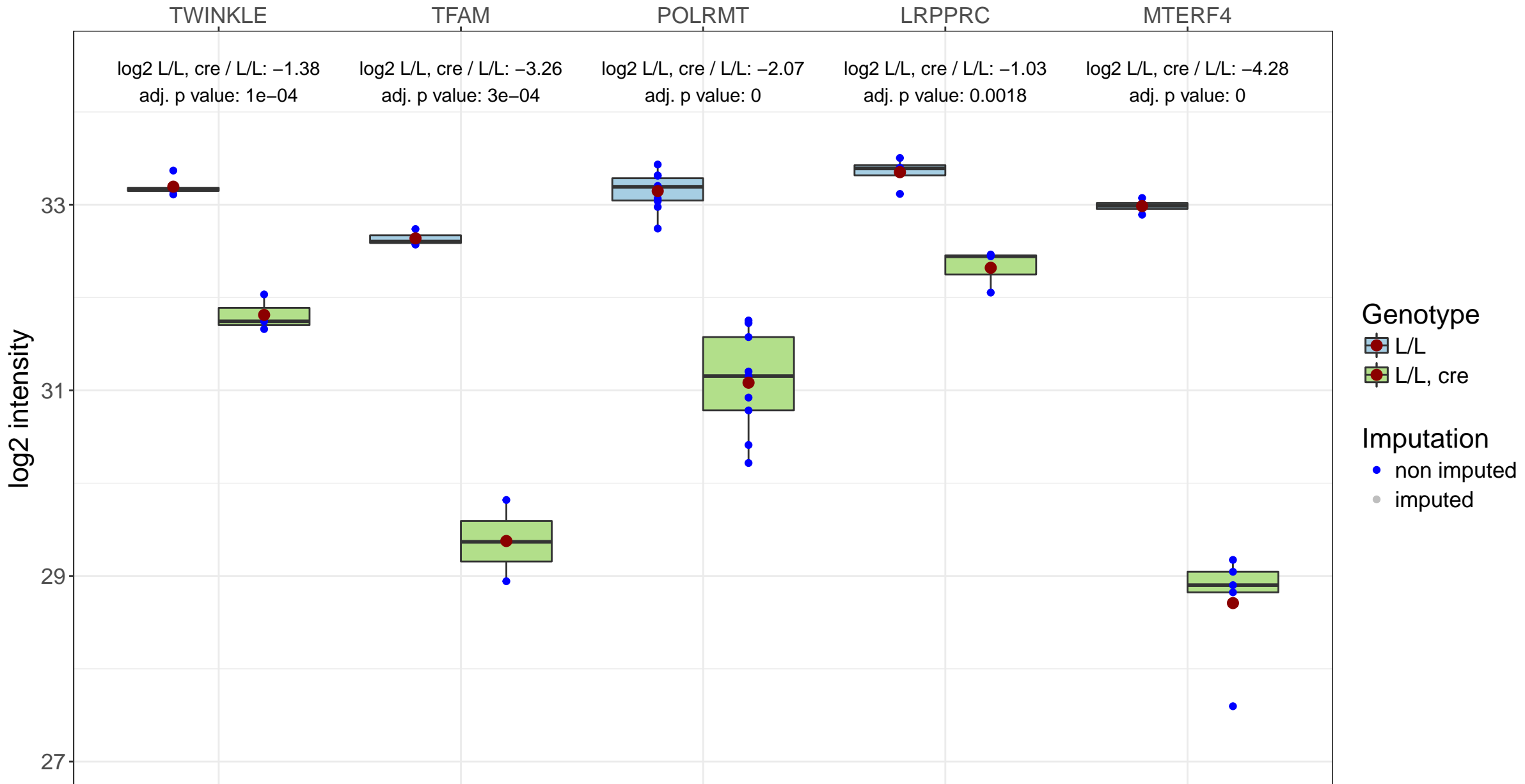
# NDUFB5 / Q9CQH3



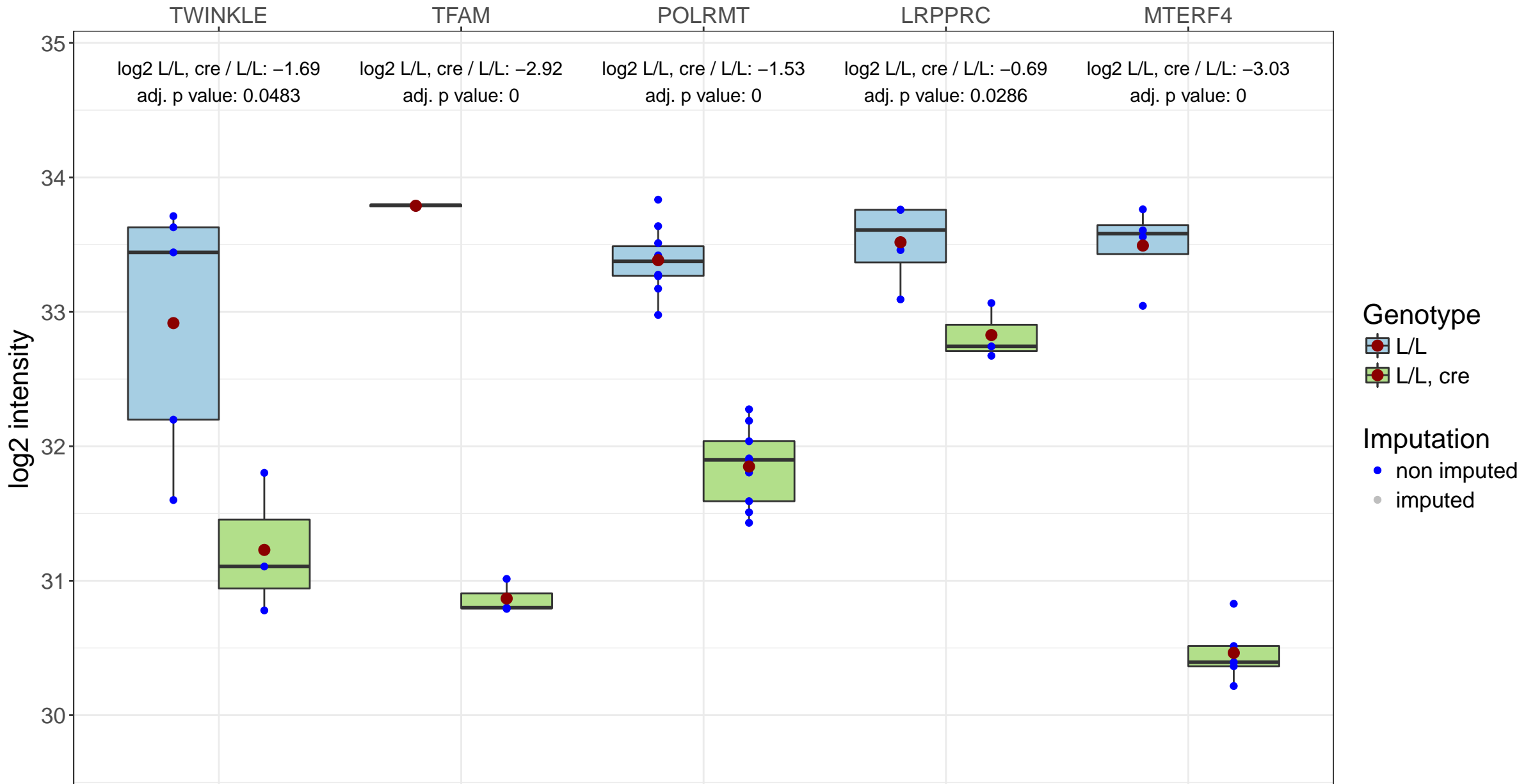
# NDUFB6 / Q3UIU2



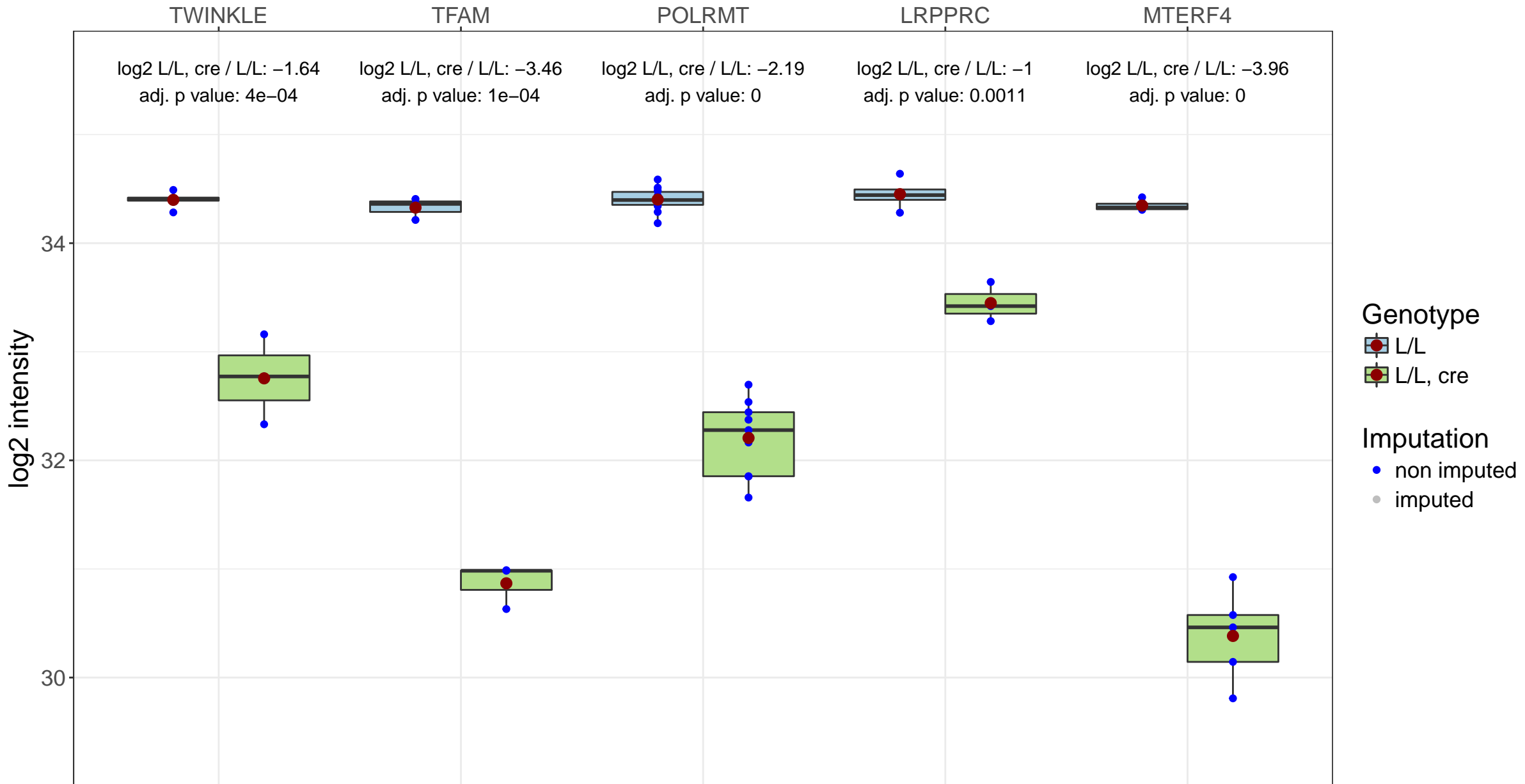
# NDUFB7 / Q9CR61



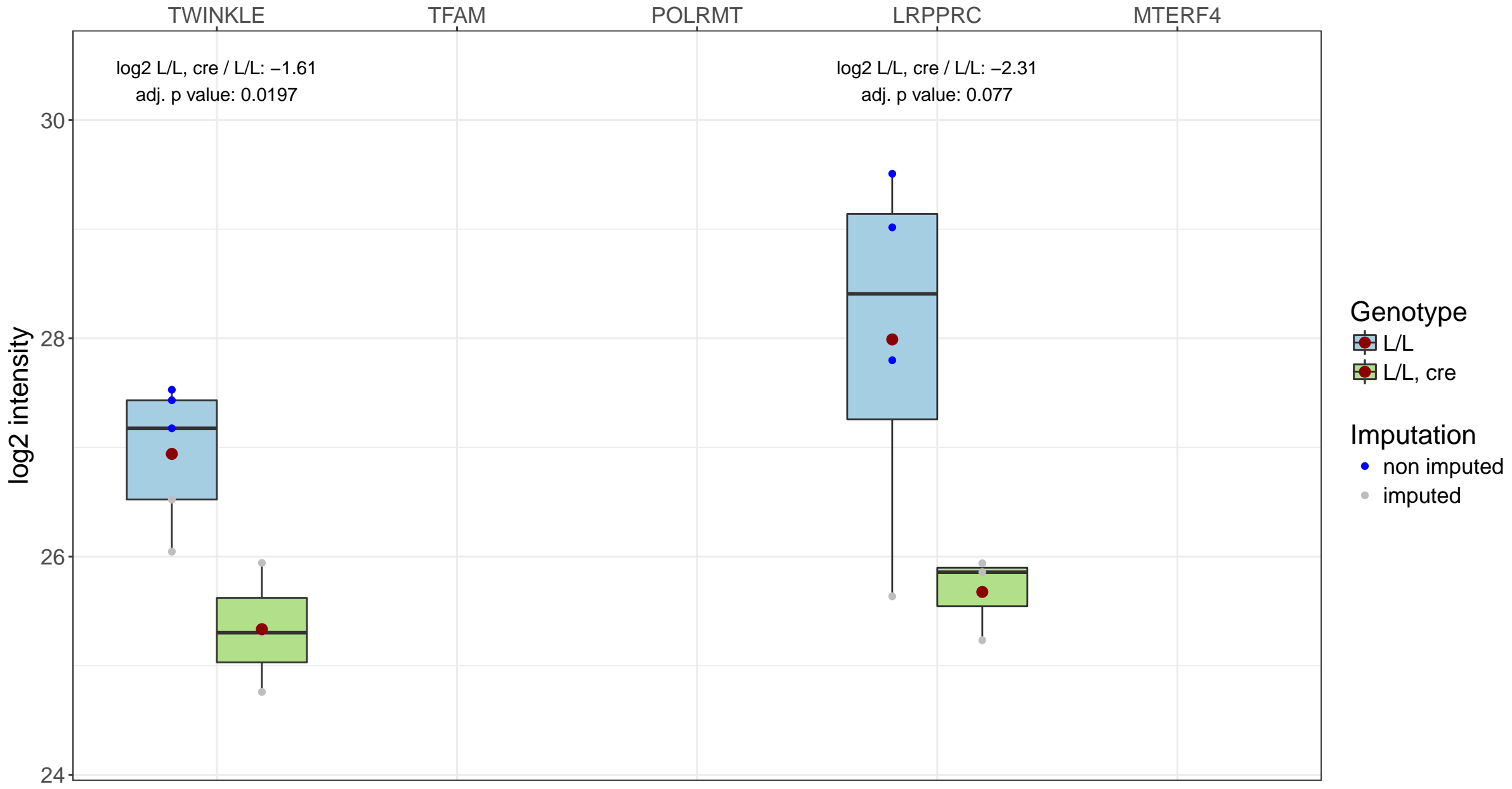
# NDUFB8 / Q9D6J5



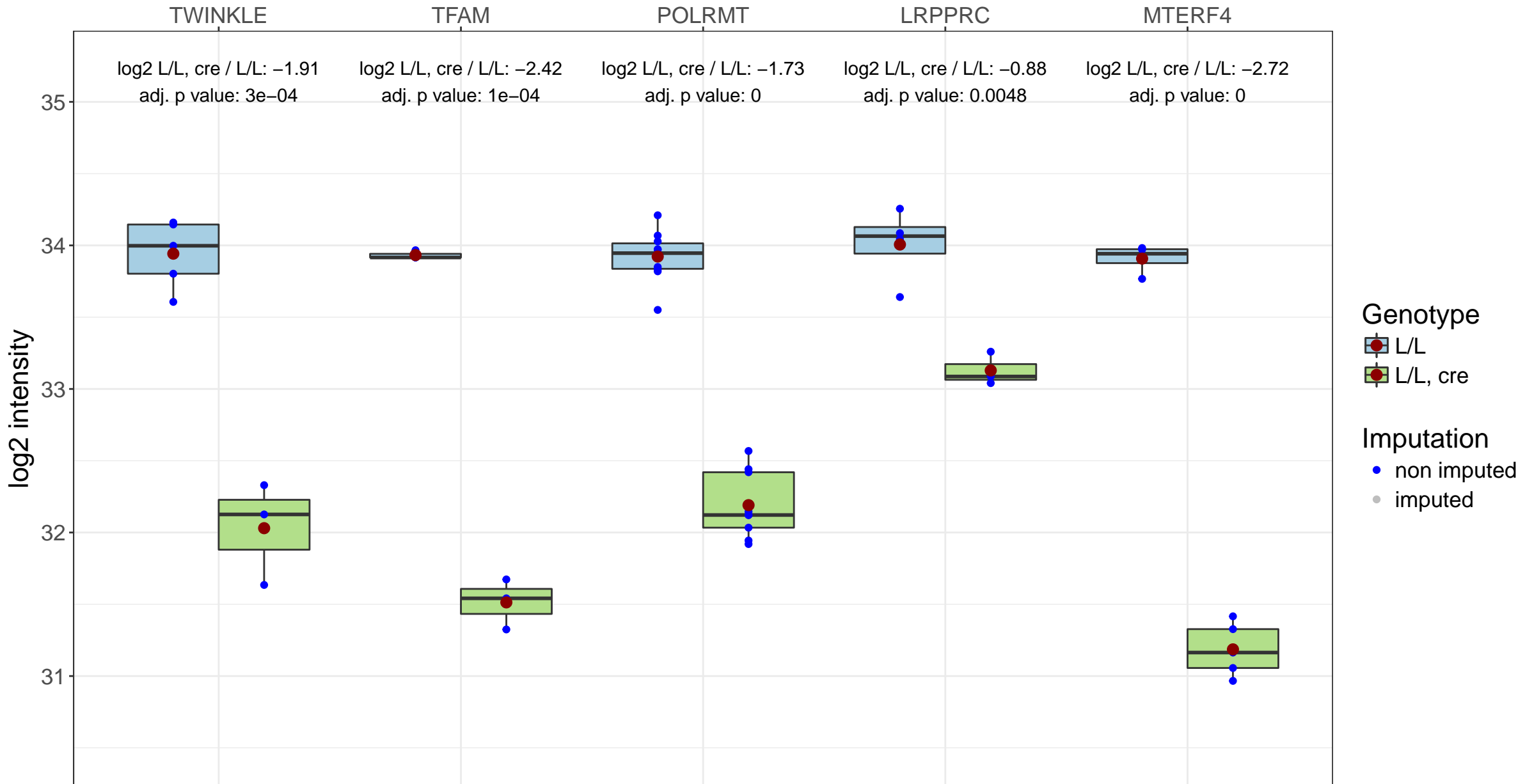
# NDUFB9 / Q9CQJ8



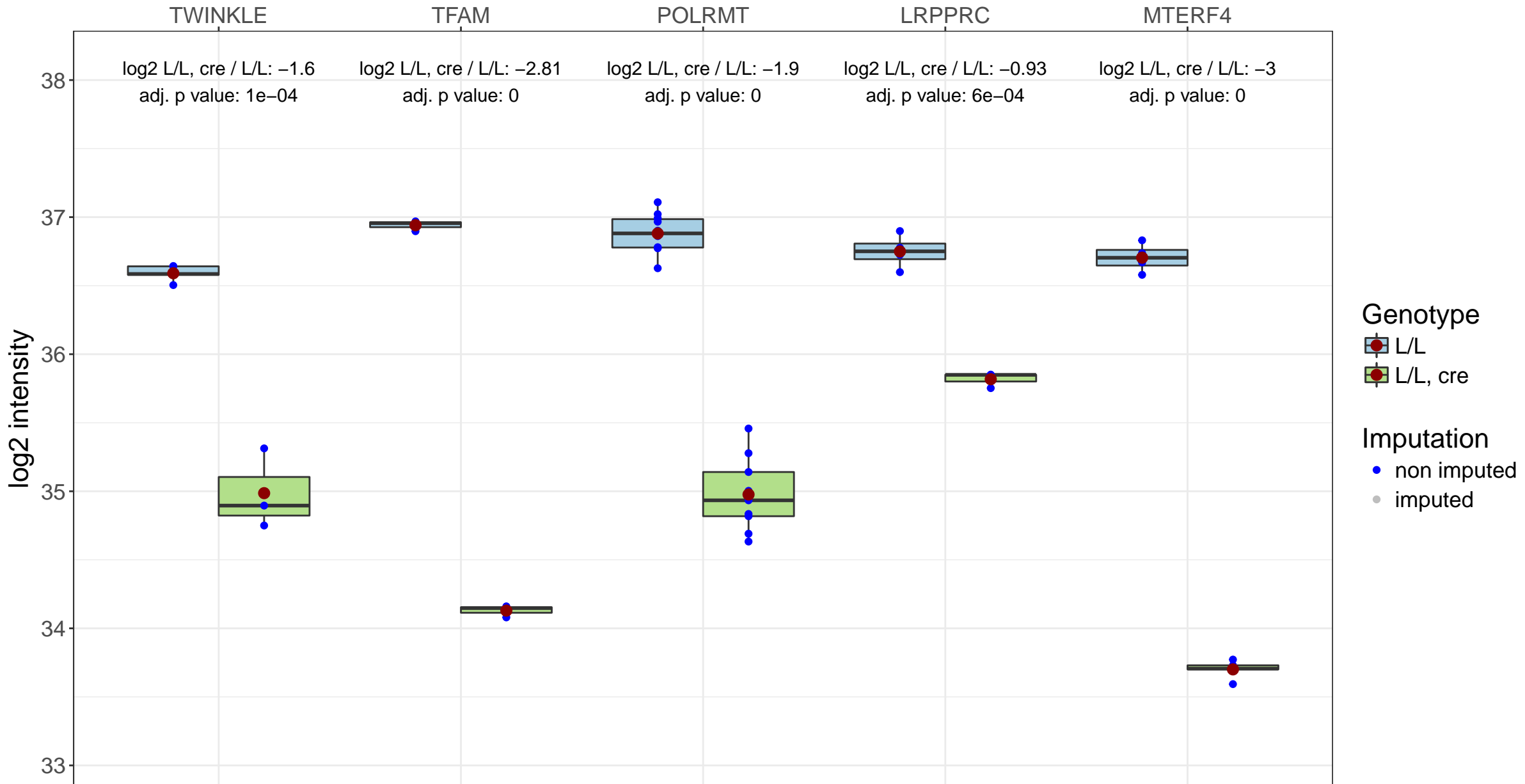
# NDUFC1 / Q9CQY9



# NDUFC2 / Q9CQ54

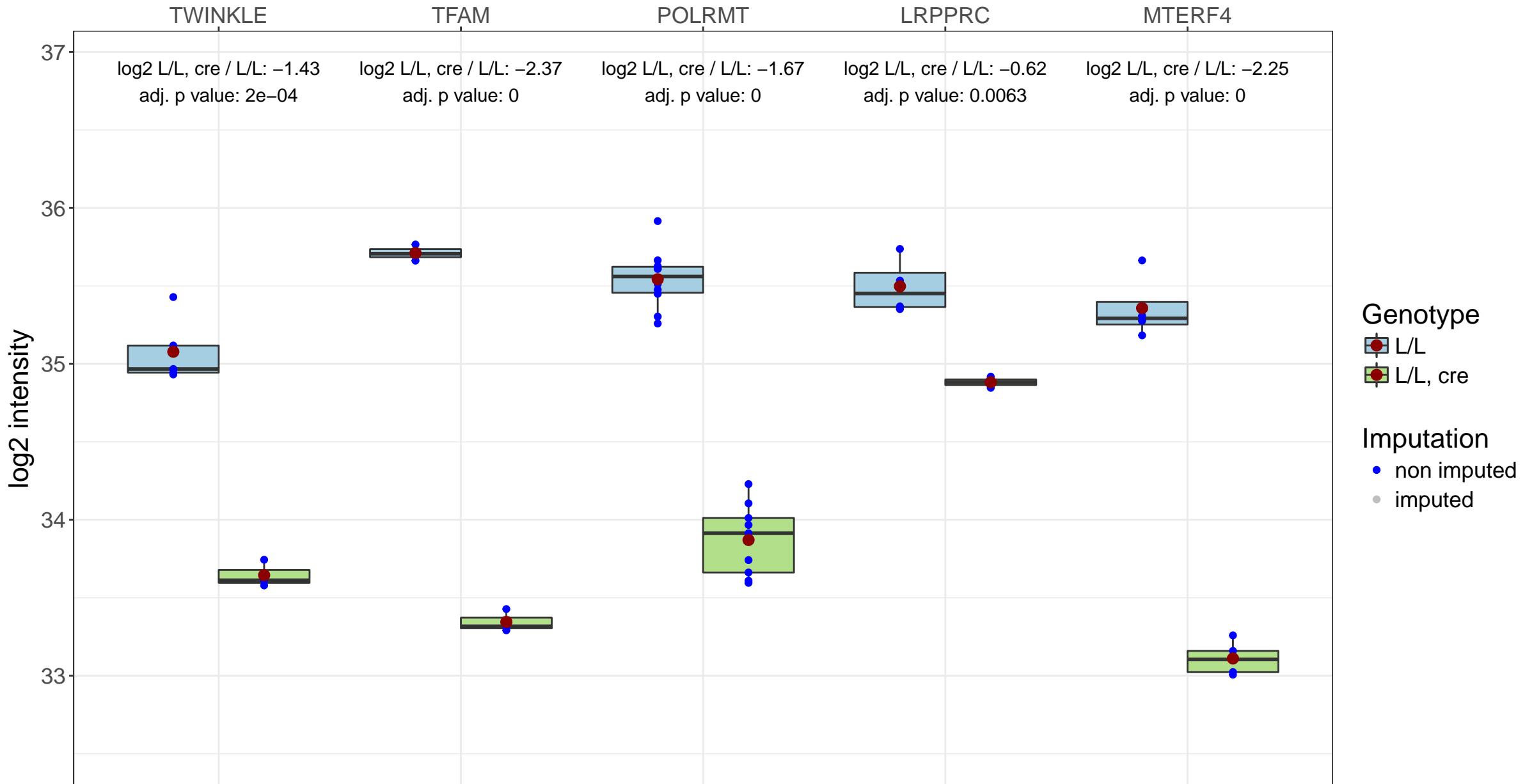


# NDUFS1 / Q91VD9

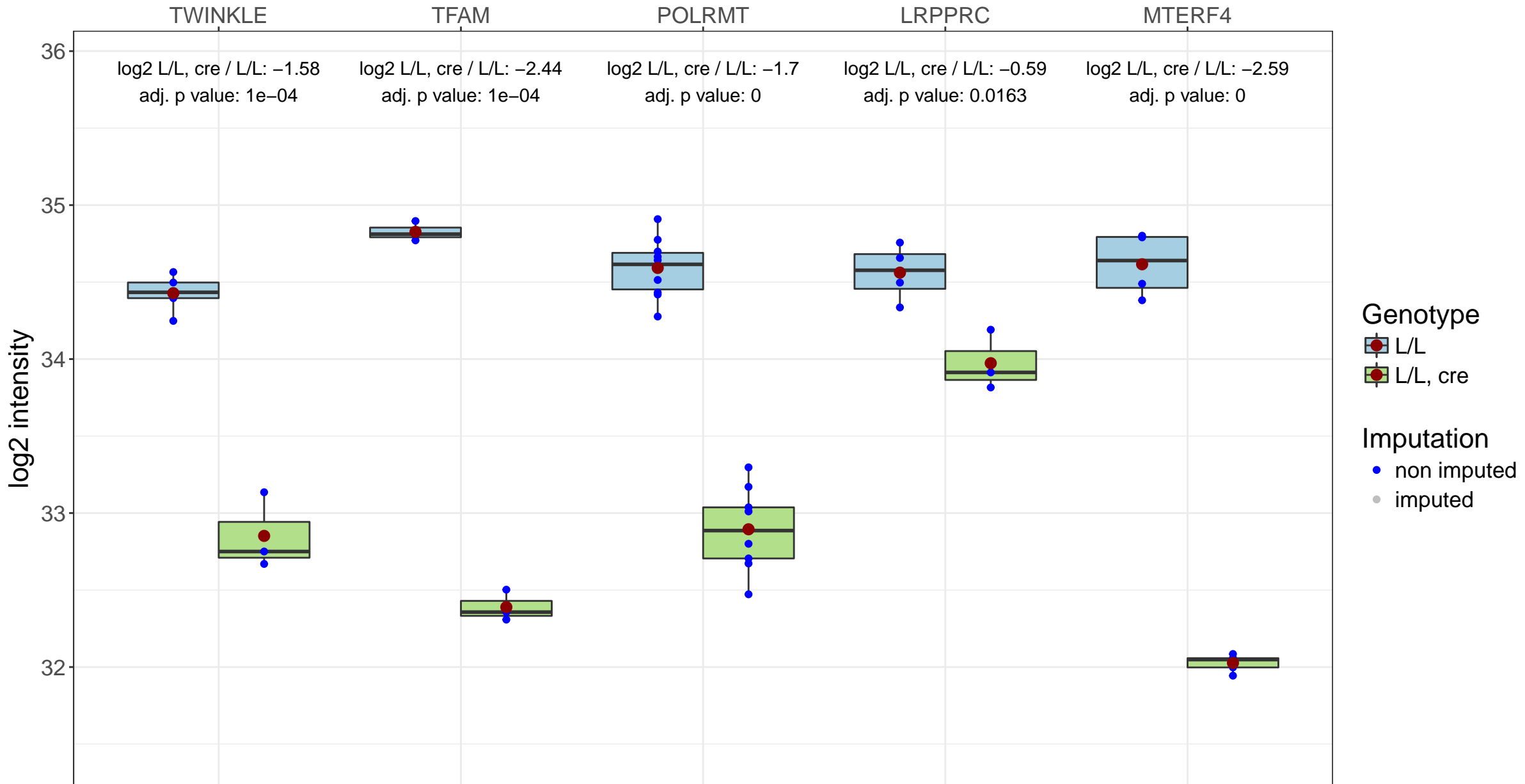




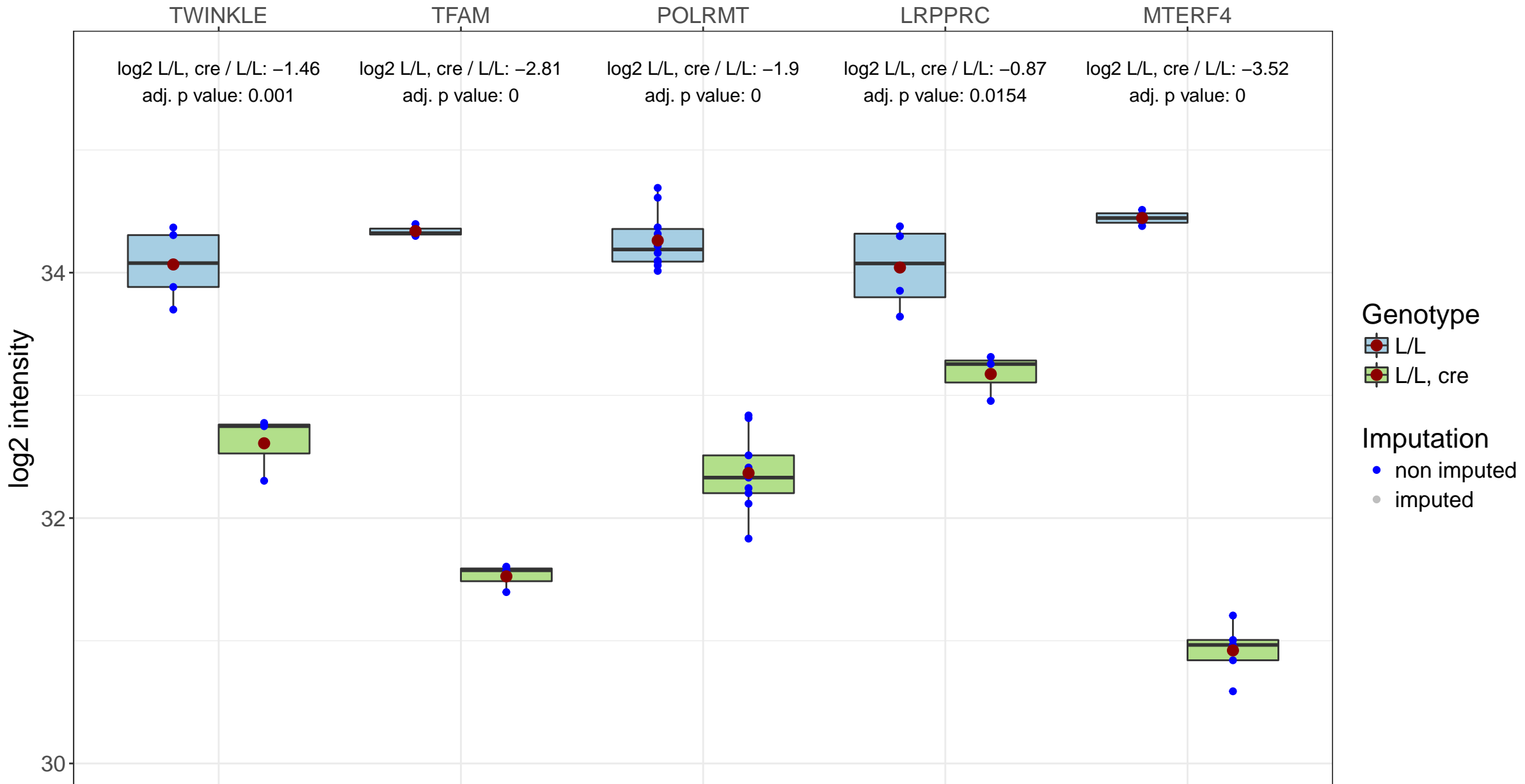
# NDUFS2 / Q91WD5



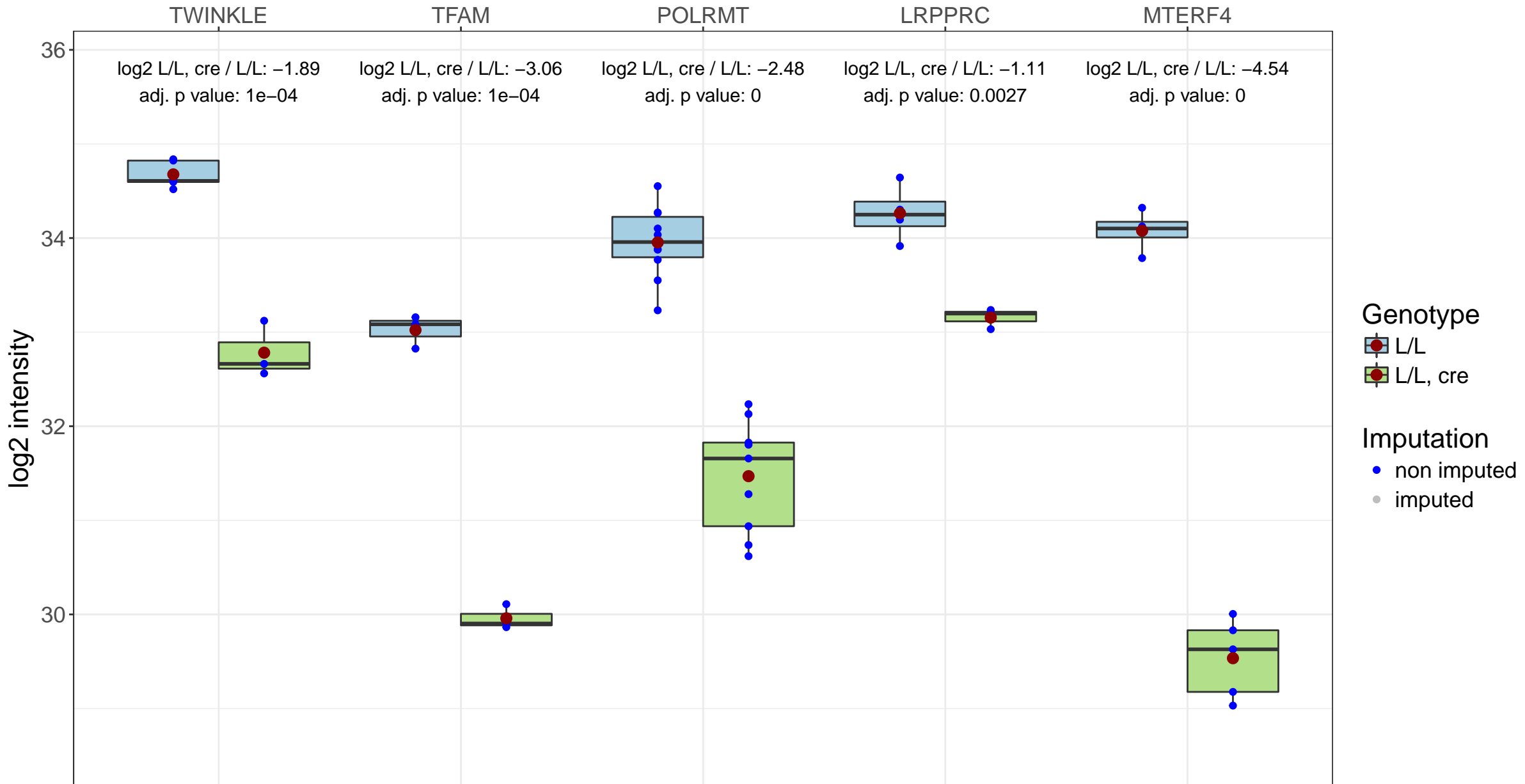
# NDUFS3 / Q9DCT2



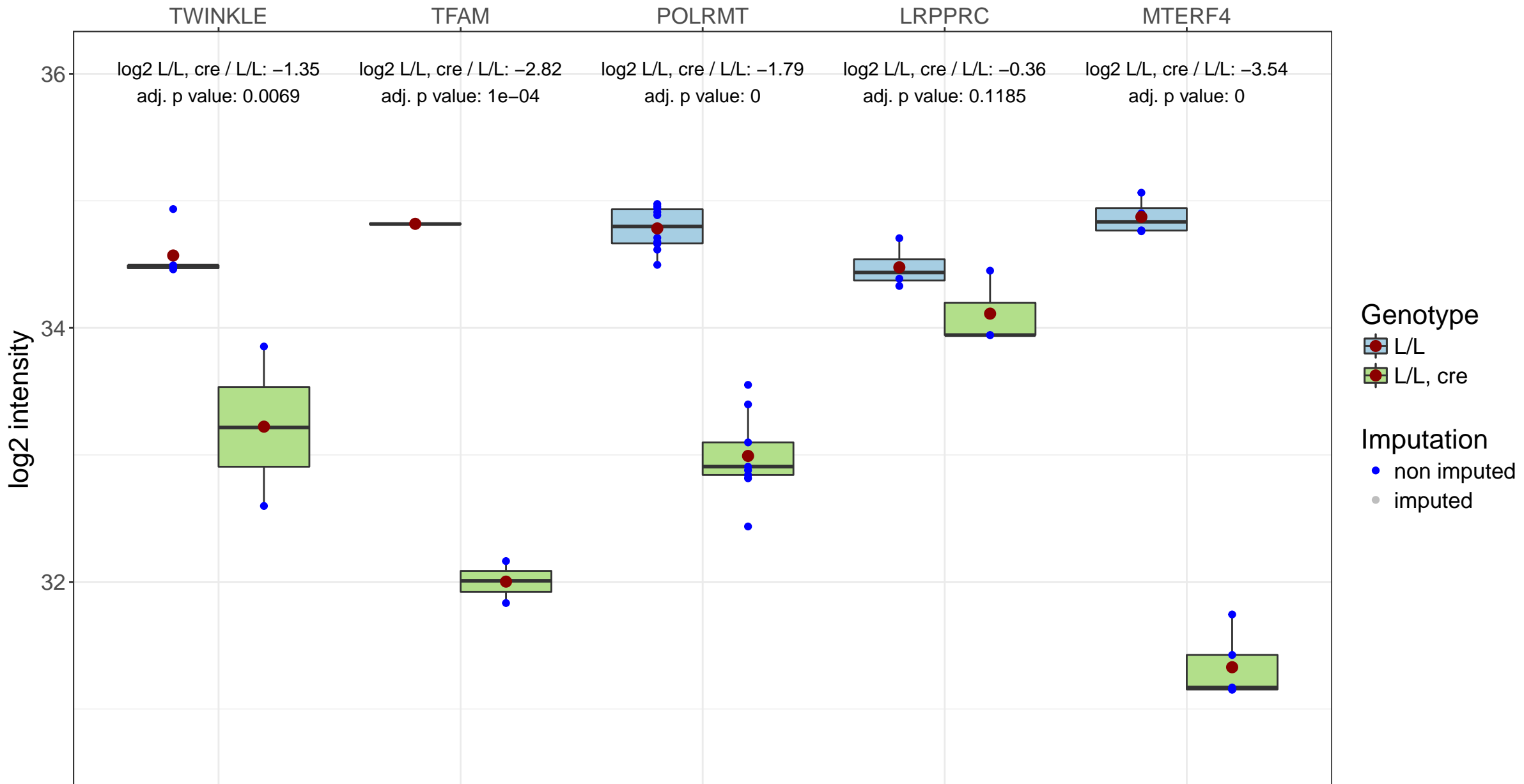
# NDUFS4 / E9QPX3



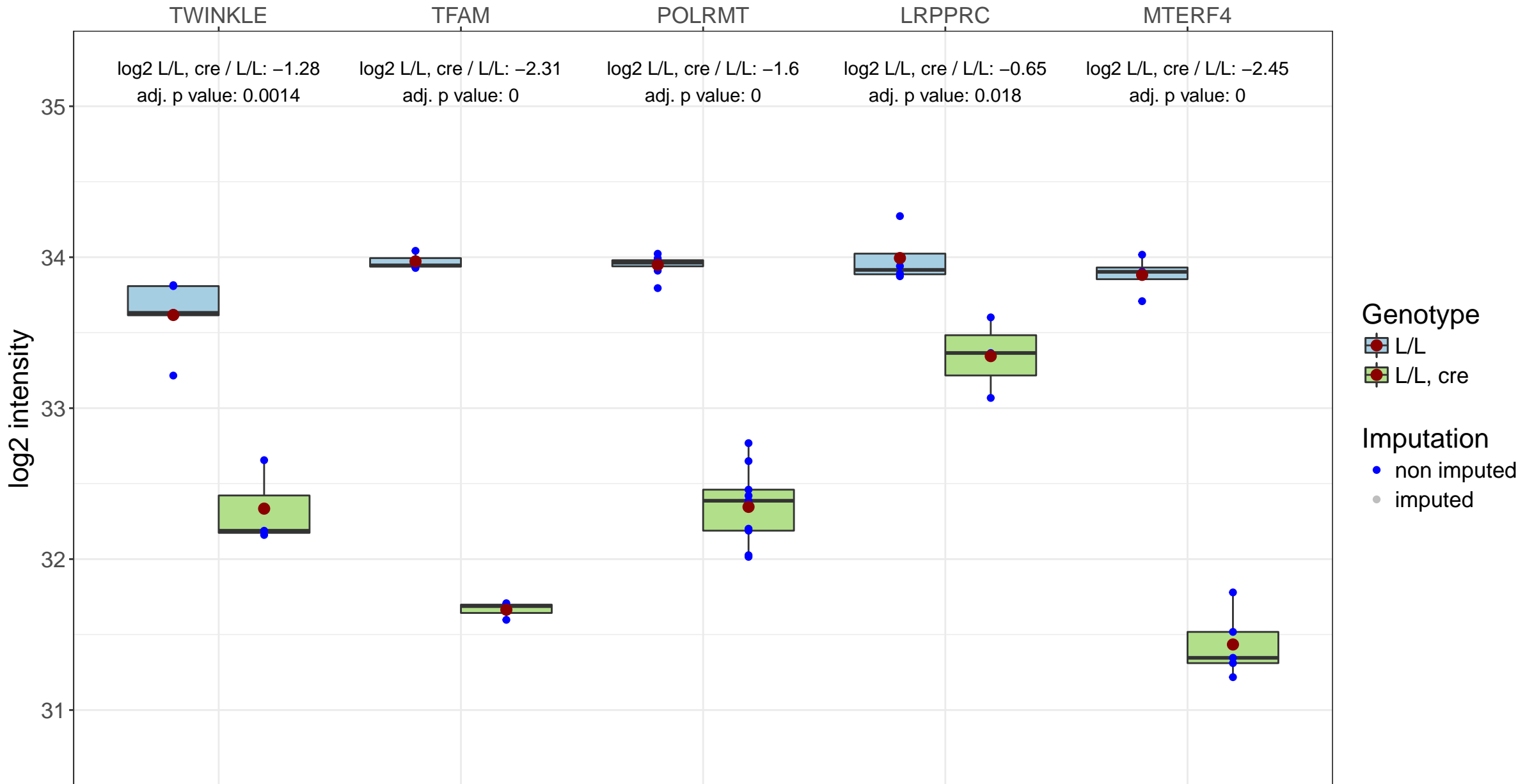
# NDUFS5 / Q99LY9



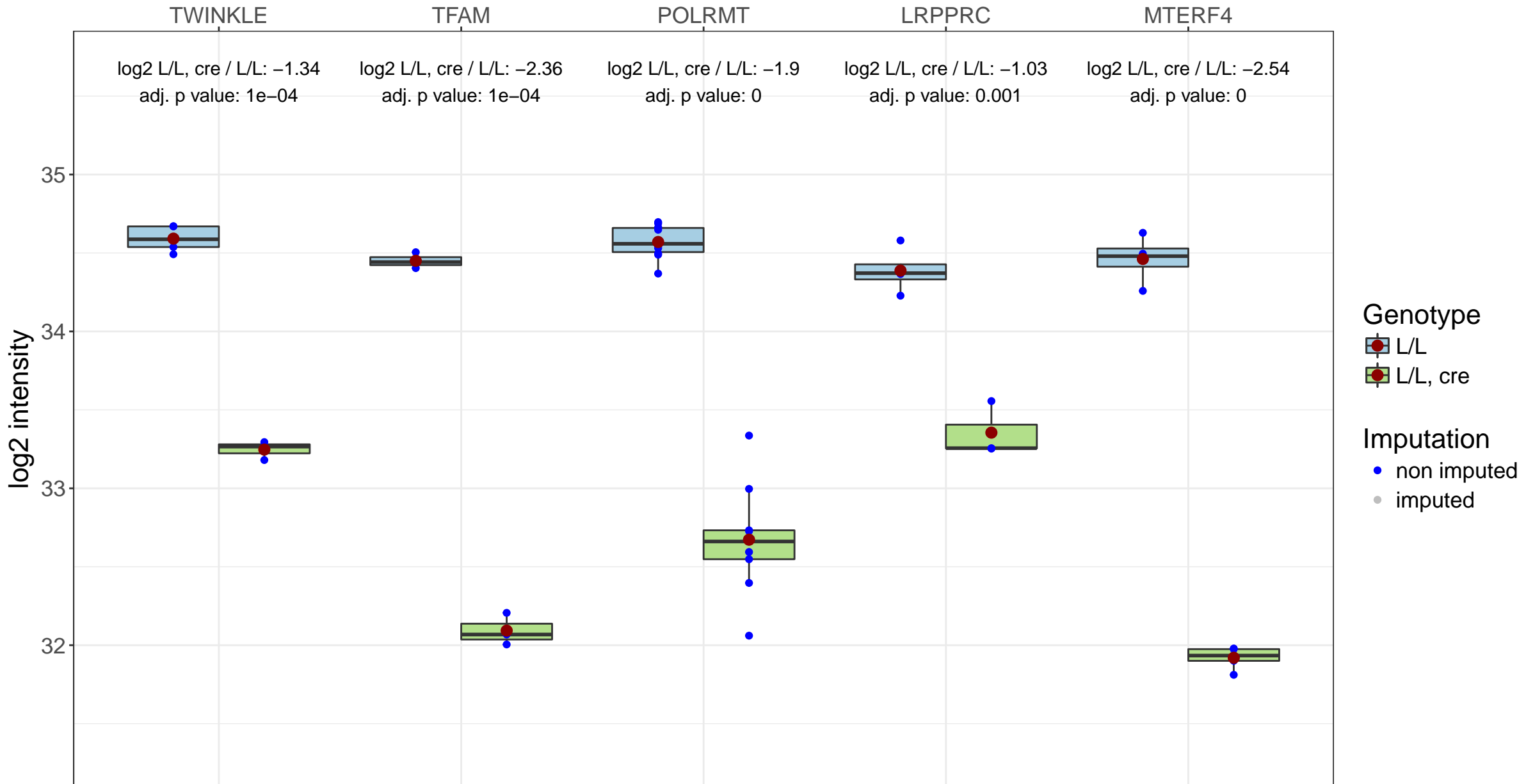
# NDUFS6 / P52503



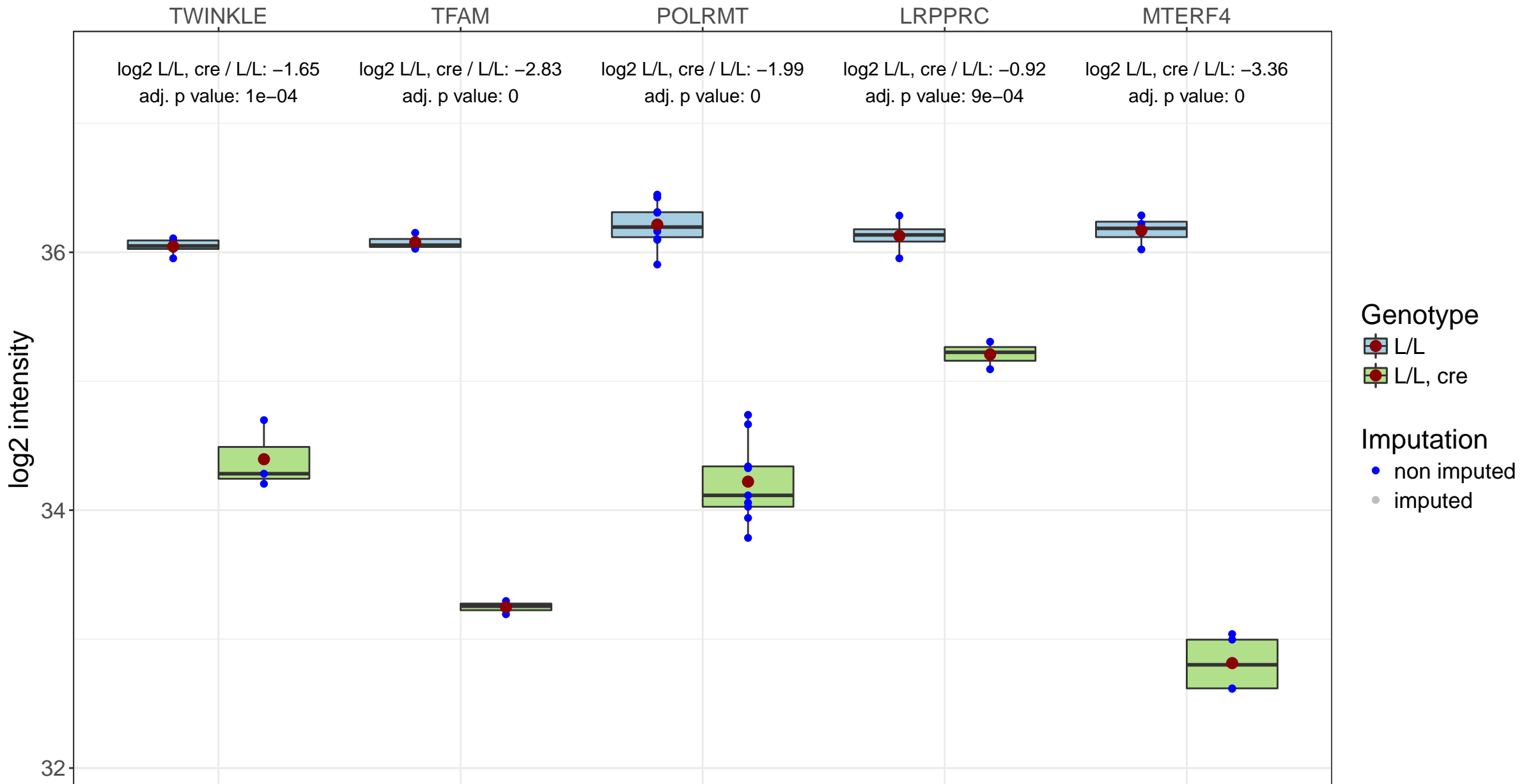
# NDUFS7 / Q9DC70



# NDUFS8 / Q8K3J1

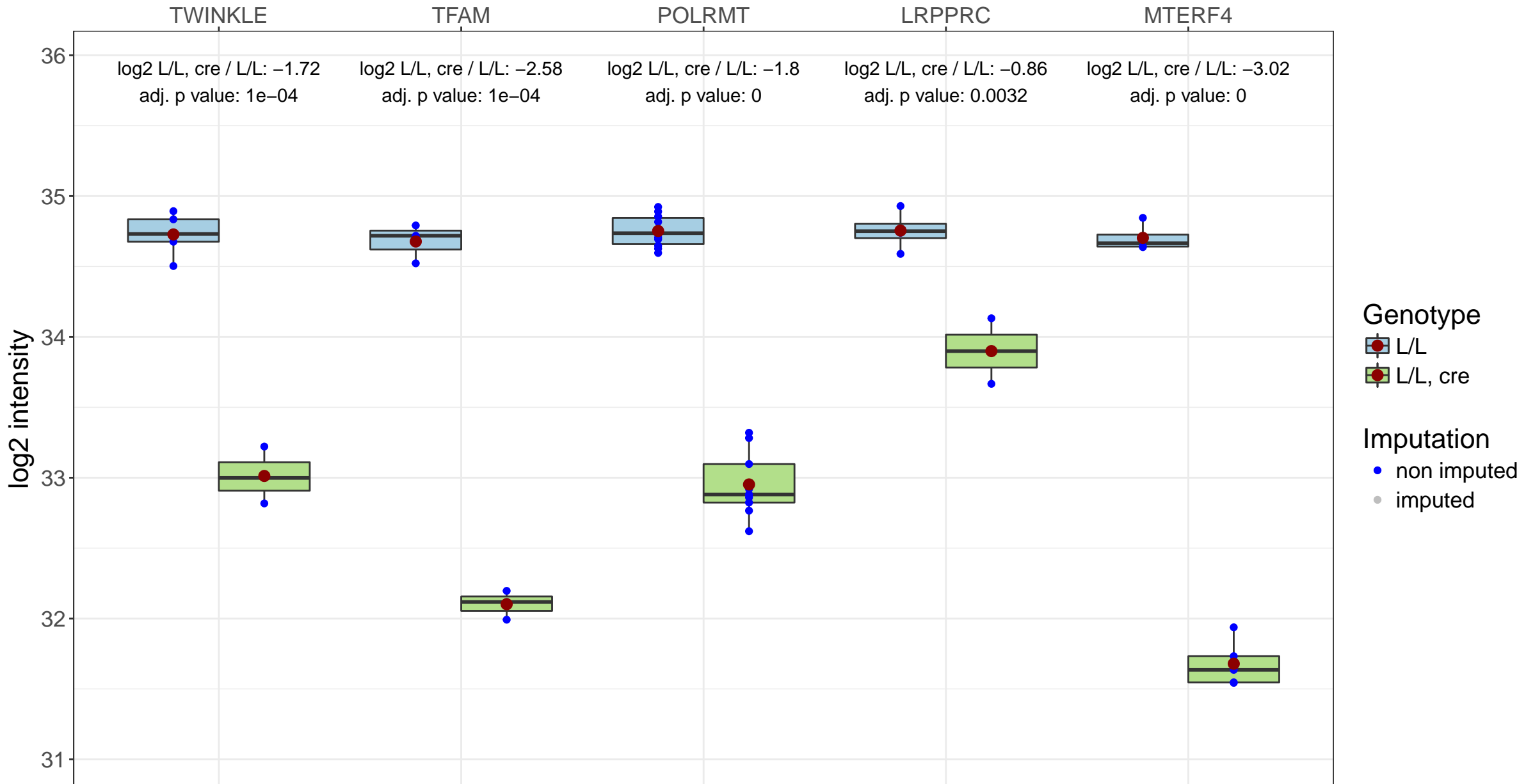


# NDUFV1 / D3YUM1

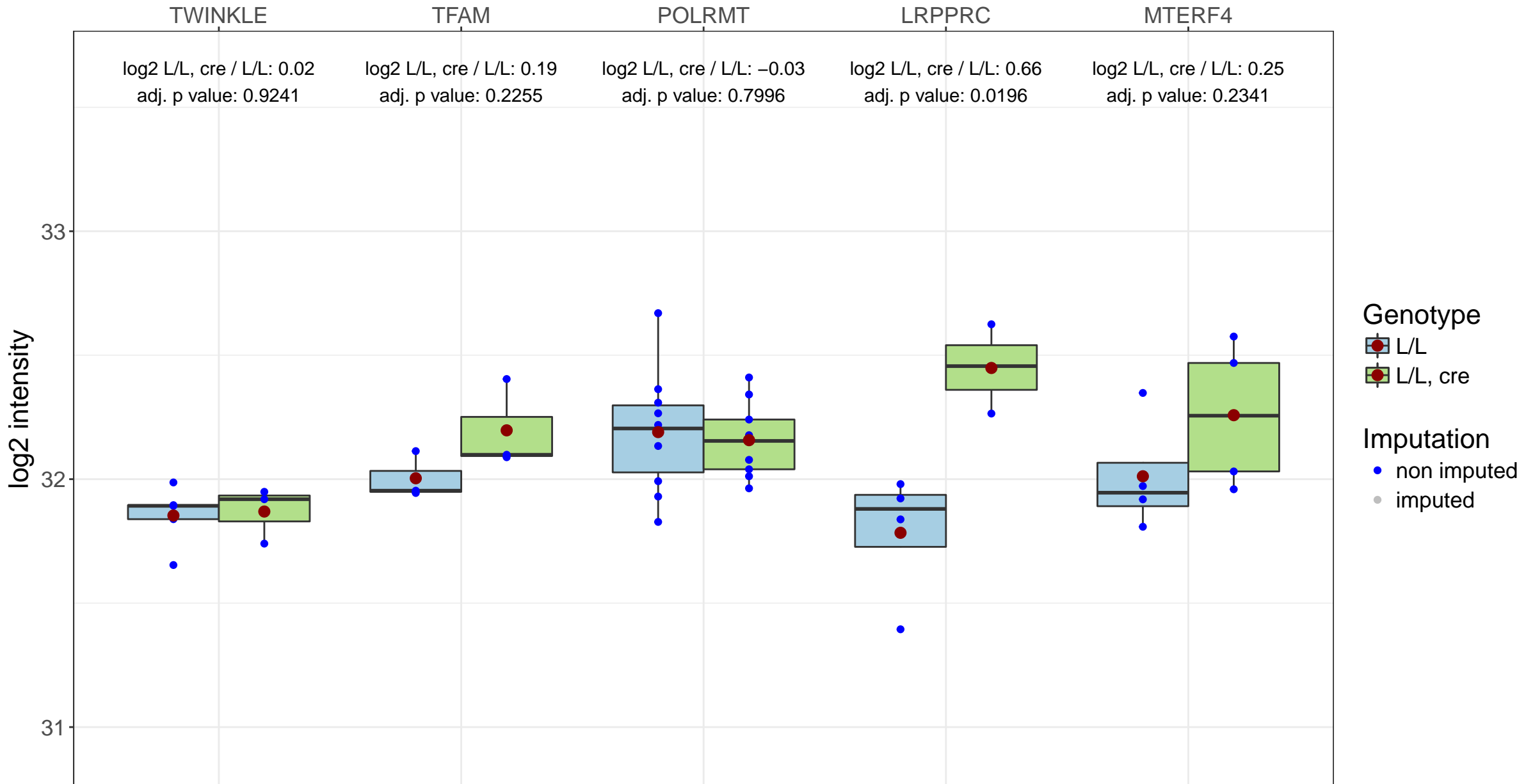




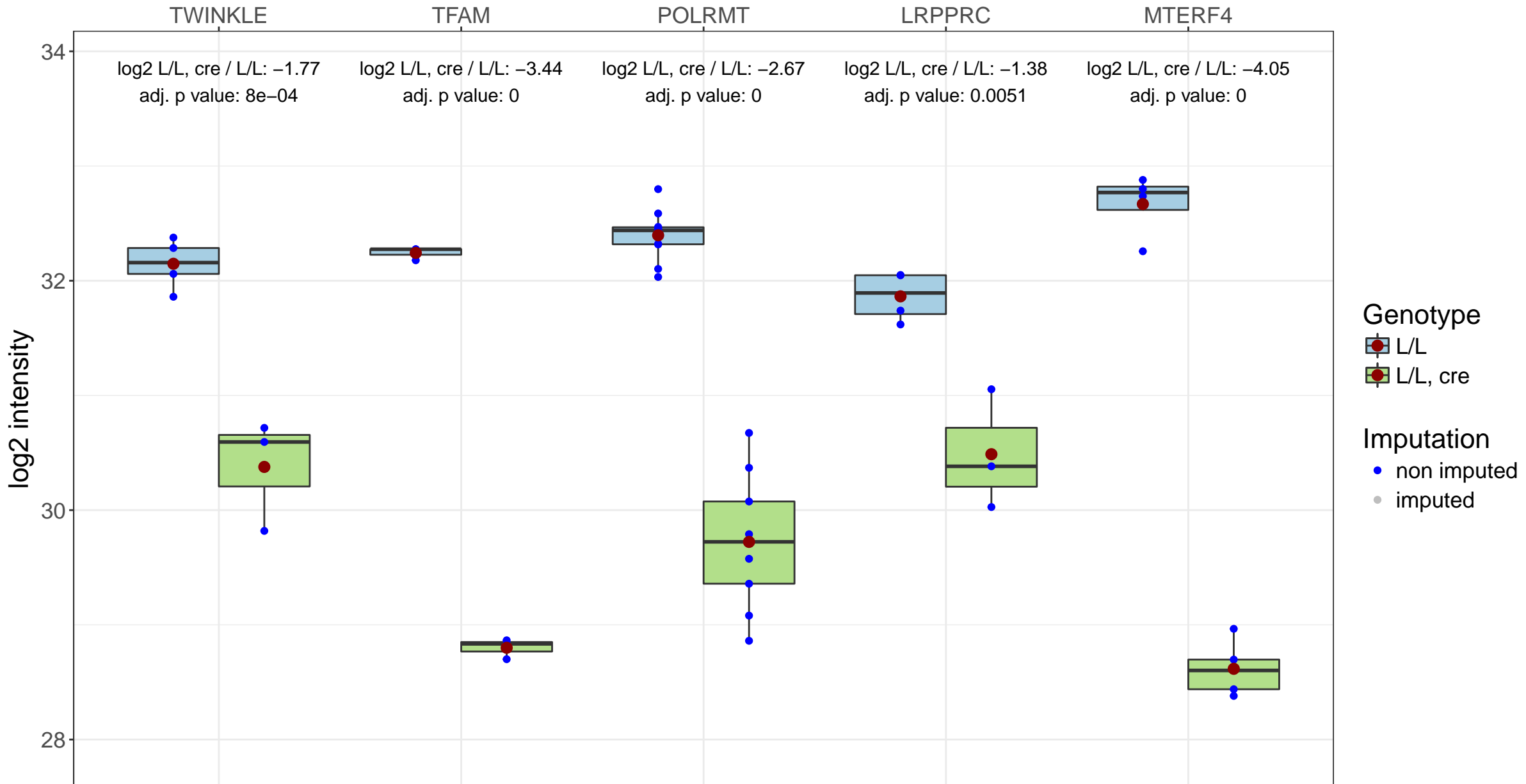
# NDUFV2 / Q9D6J6



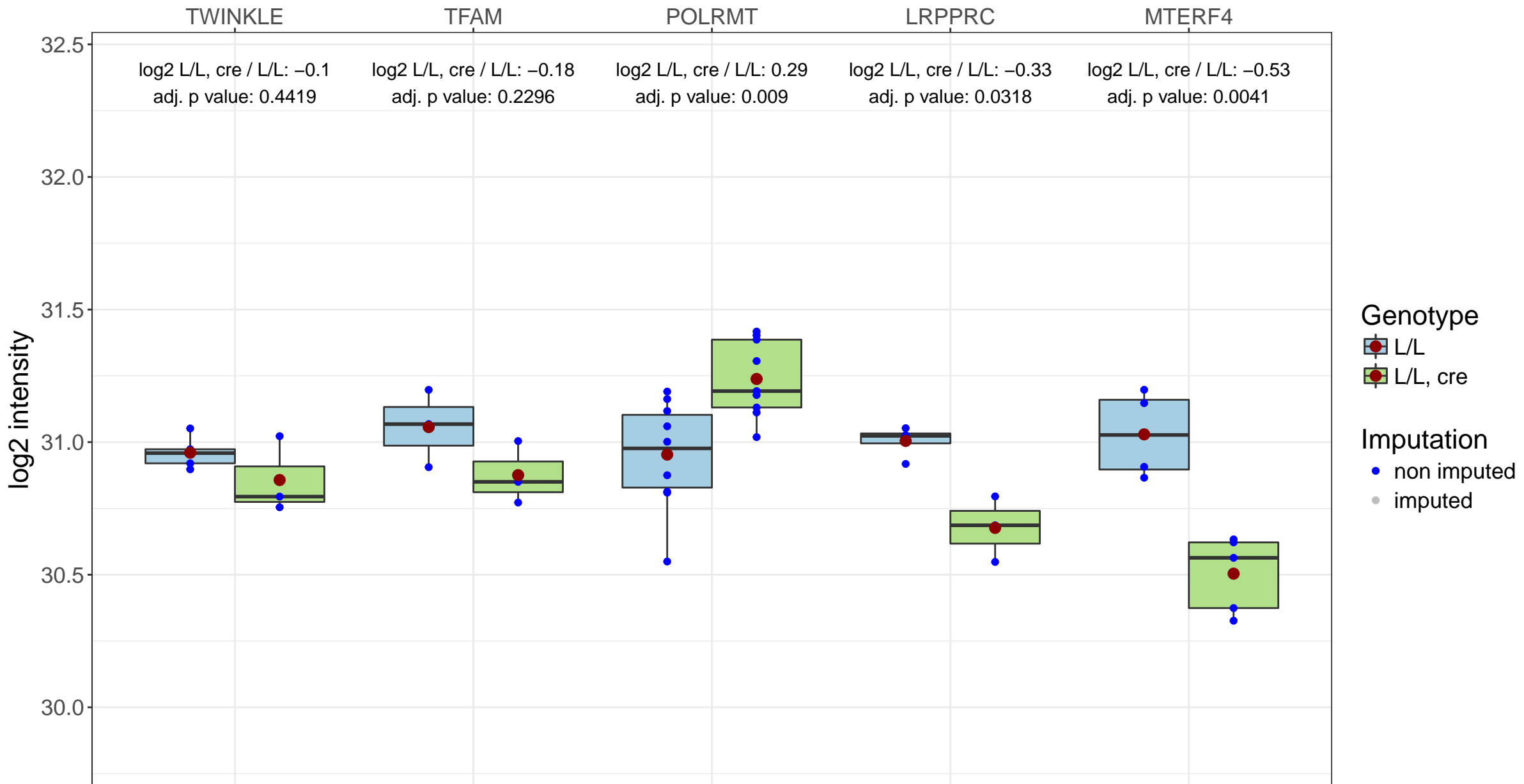
# NDUFV3 / Q3U422



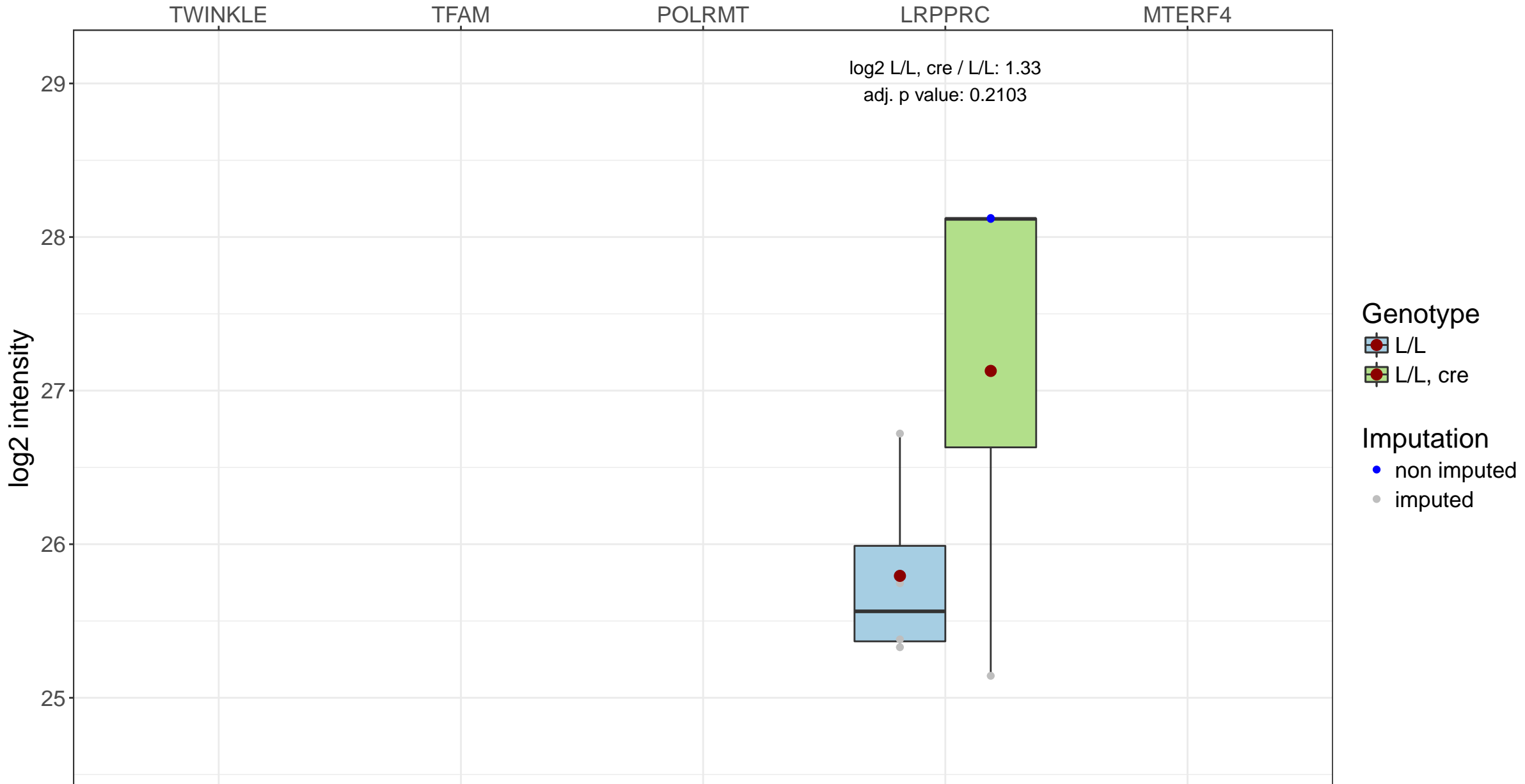
# NDUFV3 / Q8BK30



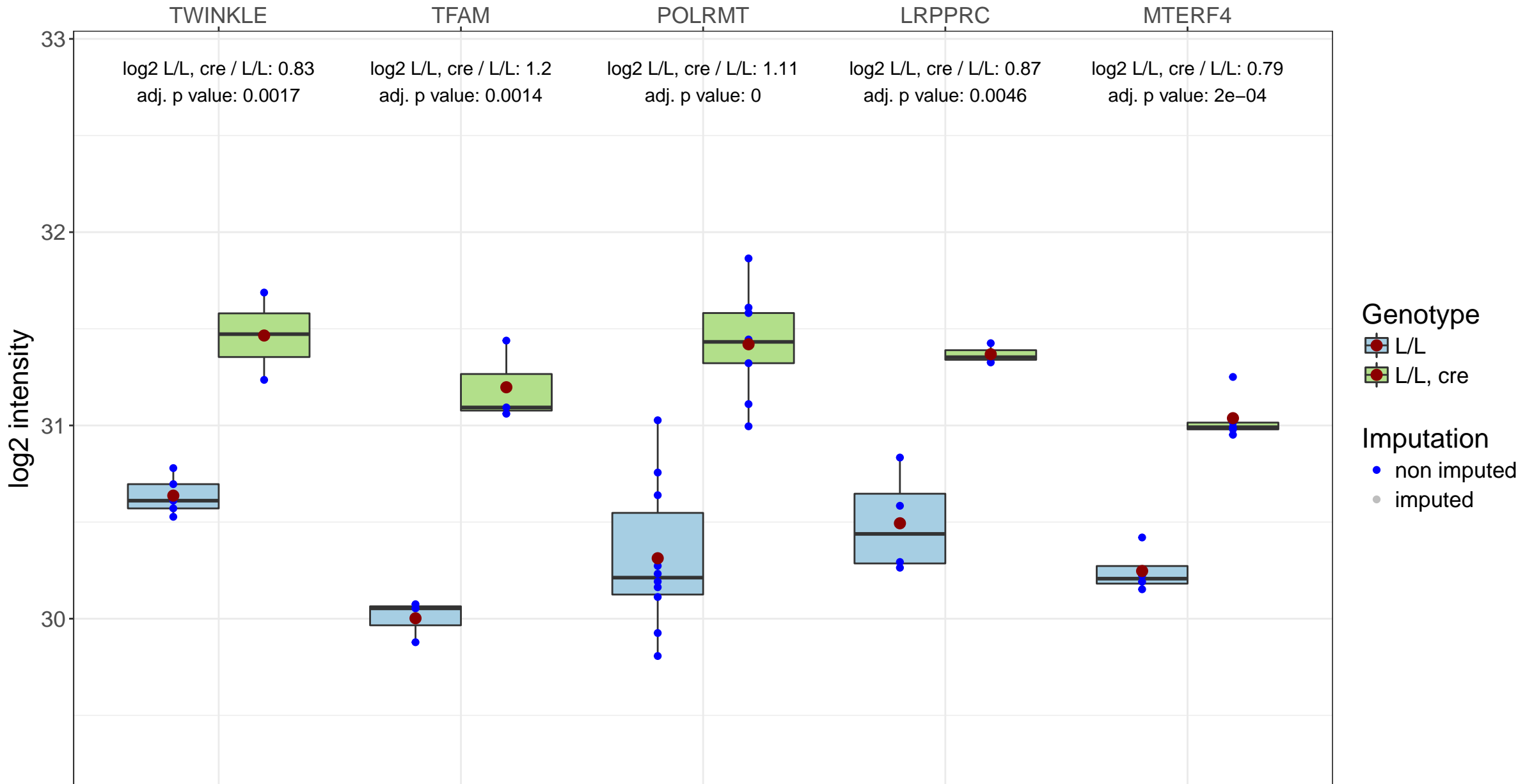
# NFS1 / Q9Z1J3-2



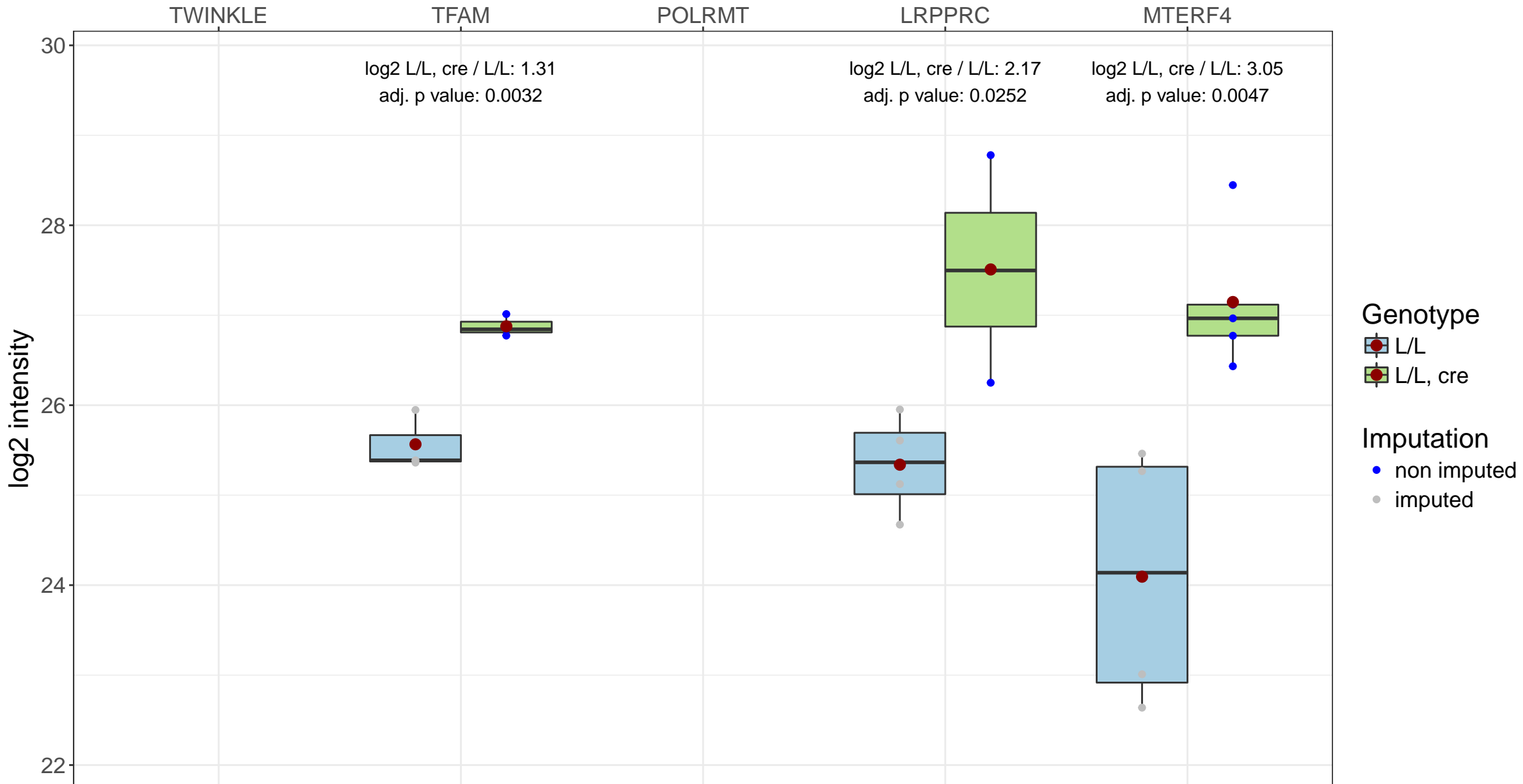
# NFU1 / D3Z285



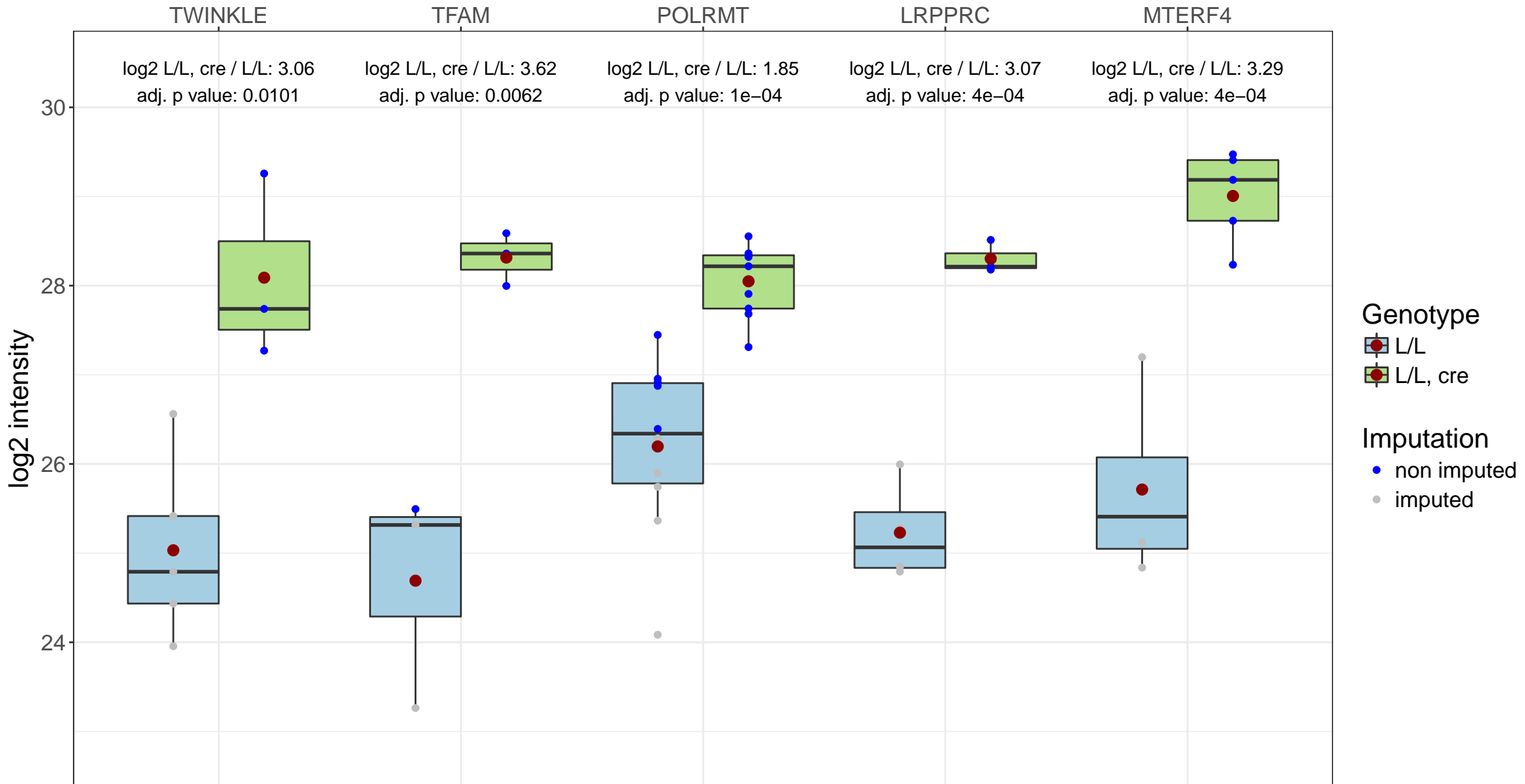
# NFU1 / Q9QZ23



# NIF3L1 / Q9EQ80

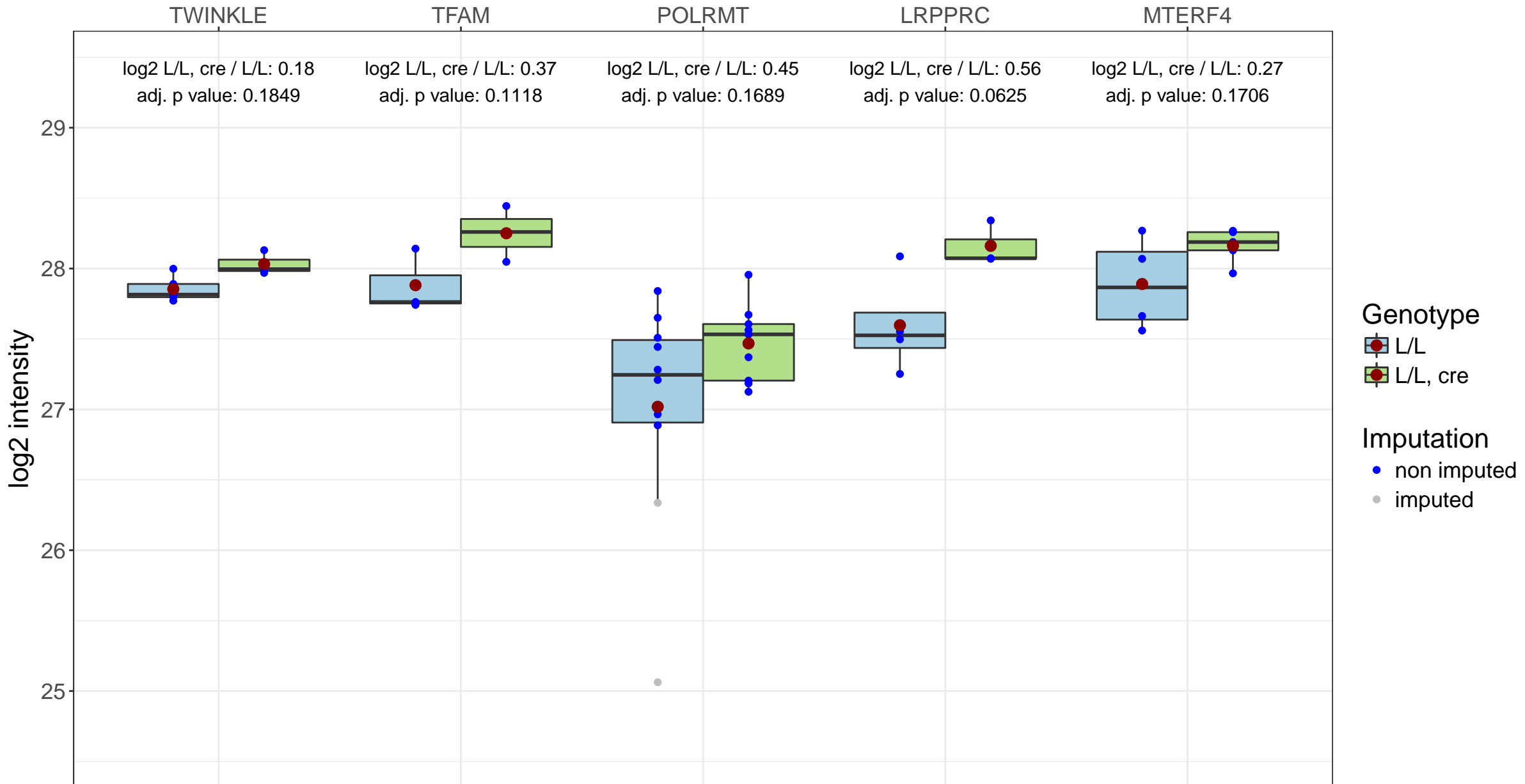


# NIPSNAP3B / Q9CQE1

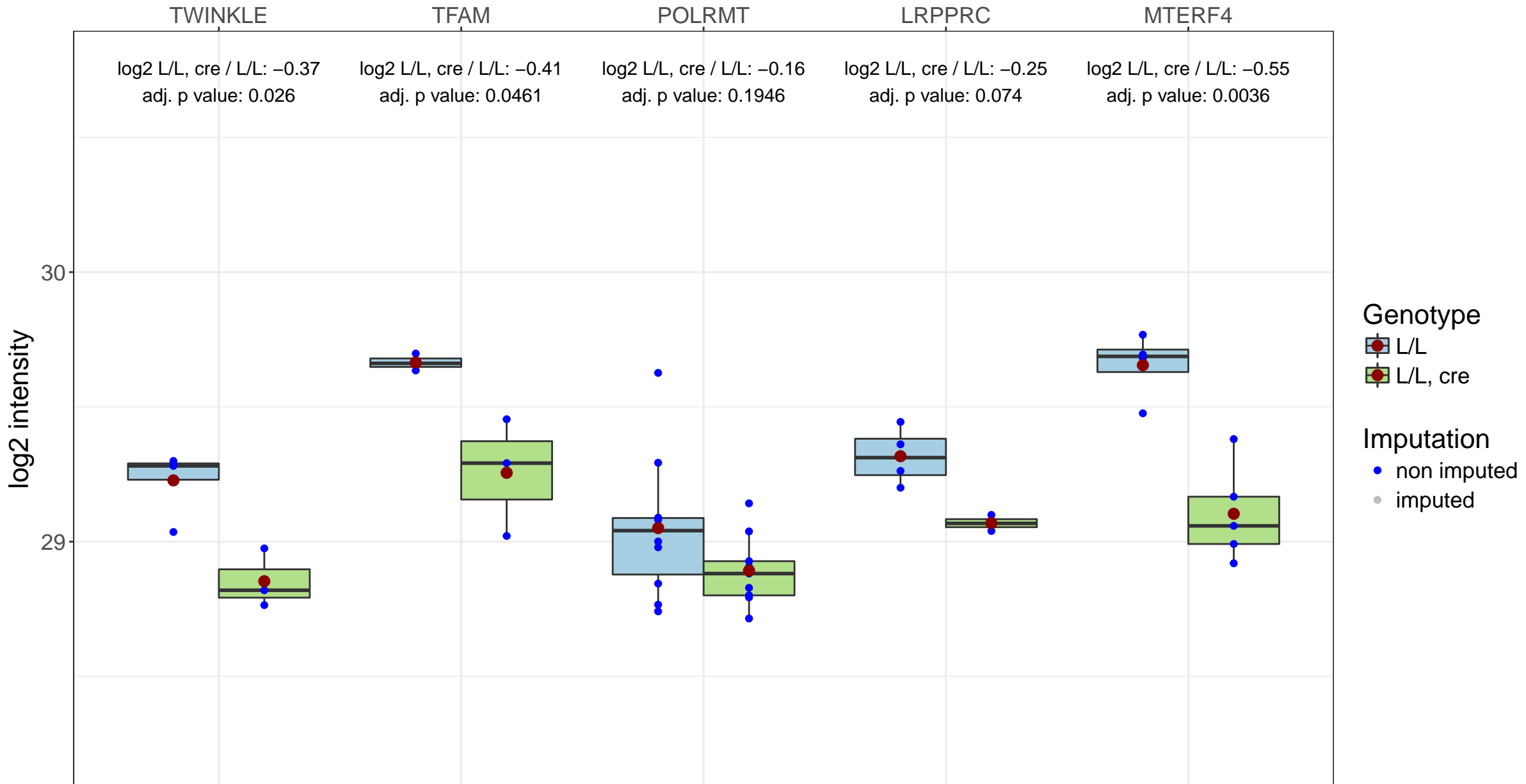




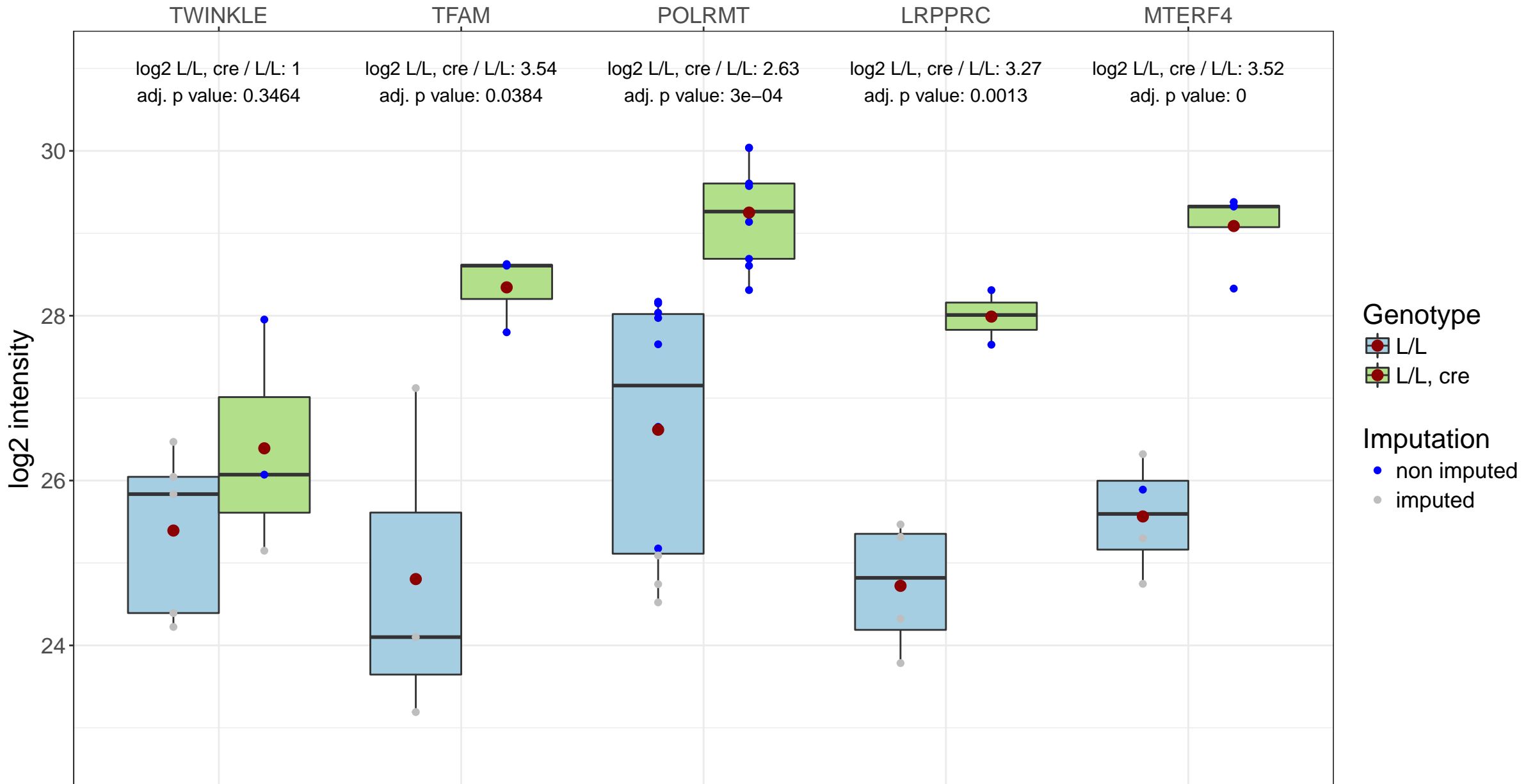
# NIT1 / Q8VDK1-2



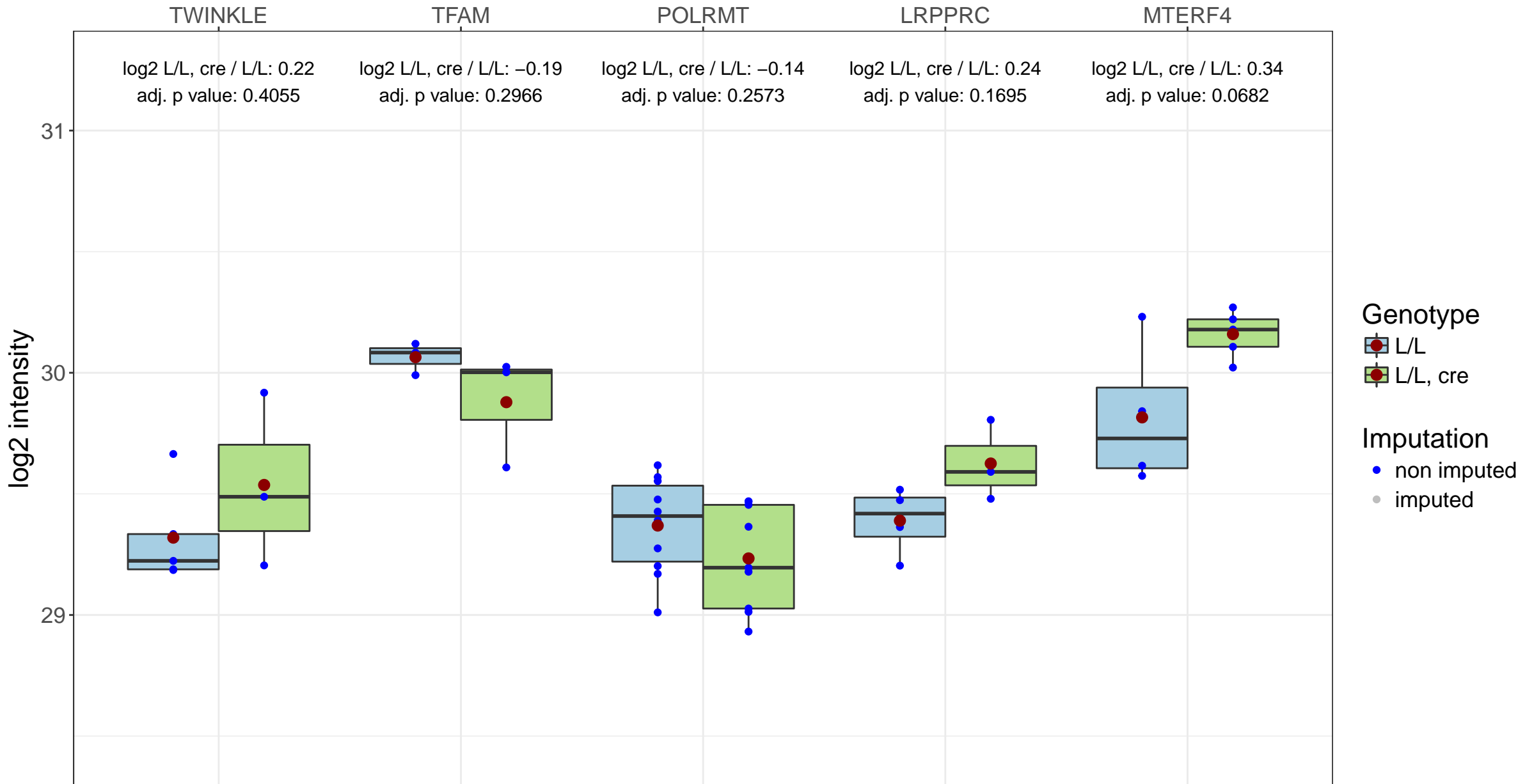
# NIT2 / Q9JHW2



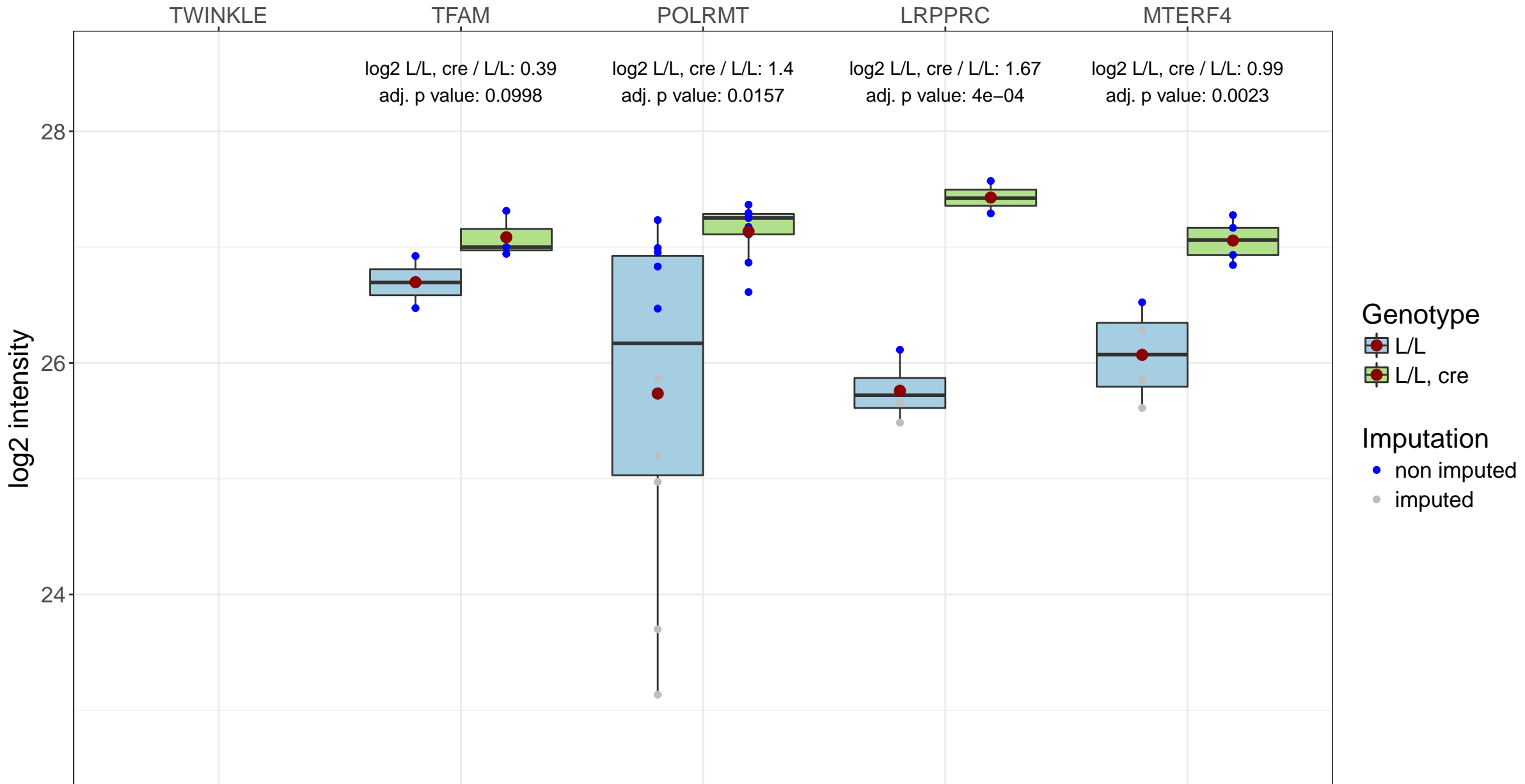
# NLN / Q91YP2



# NLRX1 / Q3TL44



# NME3 / Q9WV85



# NME6 / D3Z206

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 intensity

26

25

24

log2 L/L, cre / L/L: 0.21

adj. p value: 0.7057

Genotype

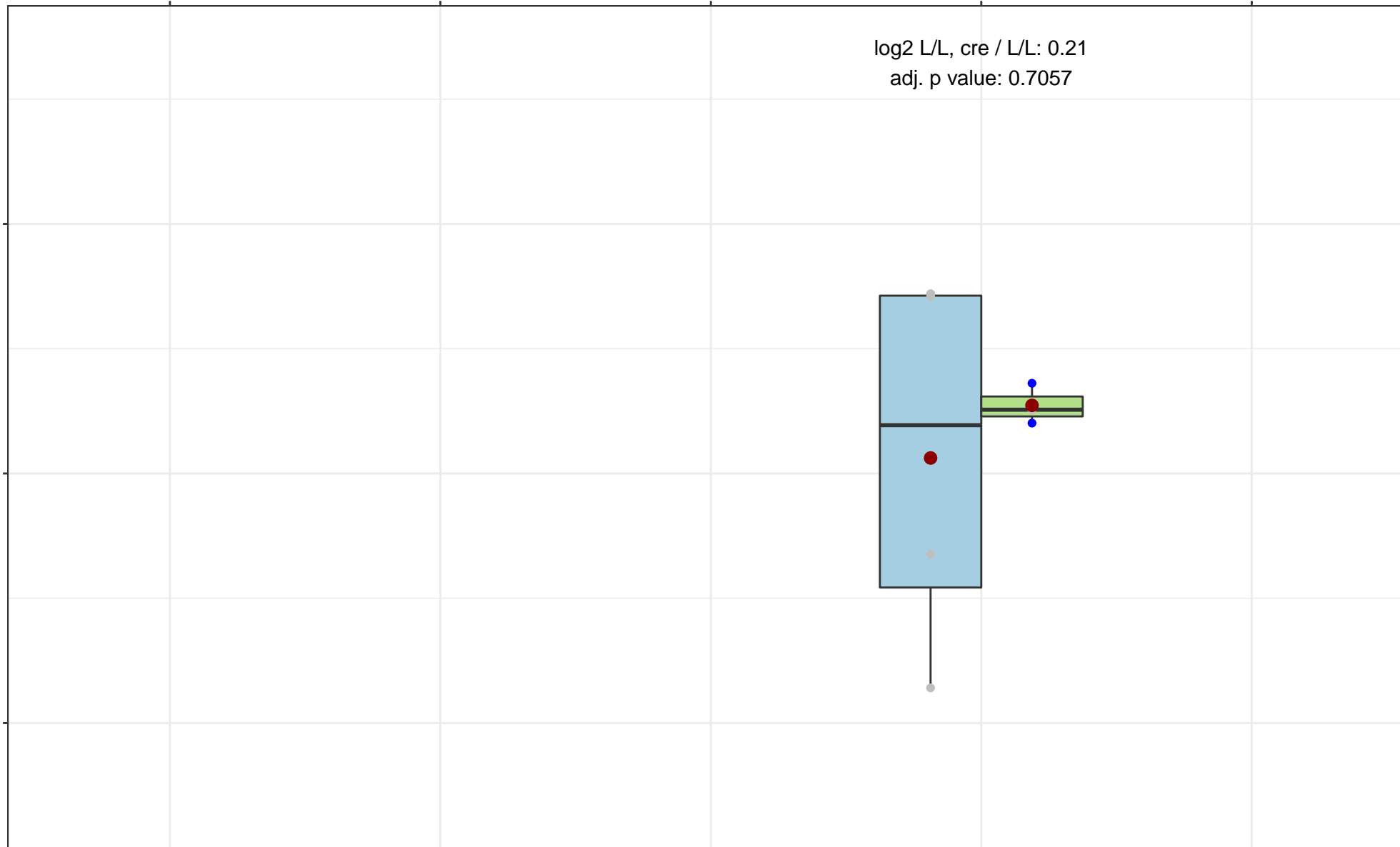
L/L

L/L, cre

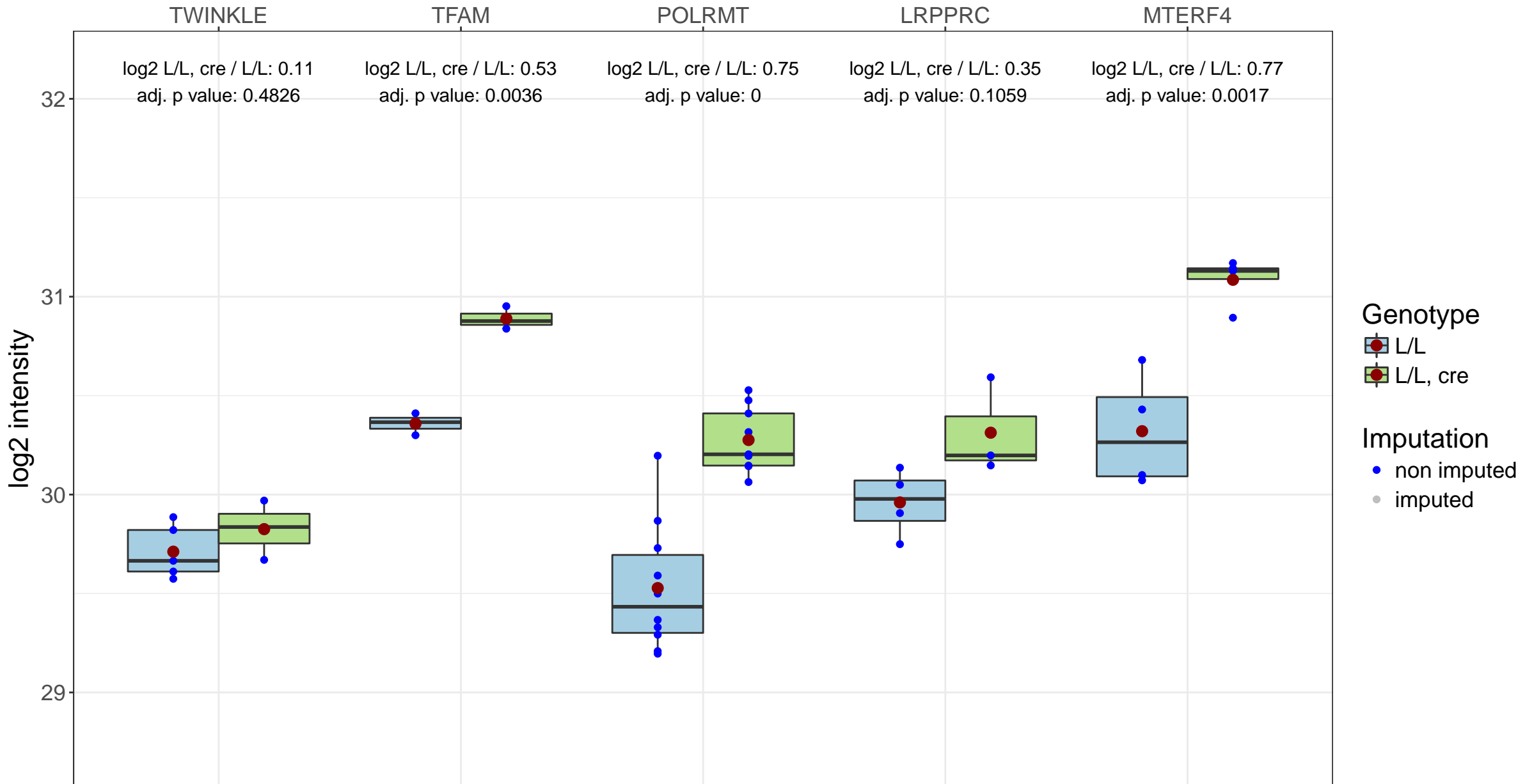
Imputation

non imputed

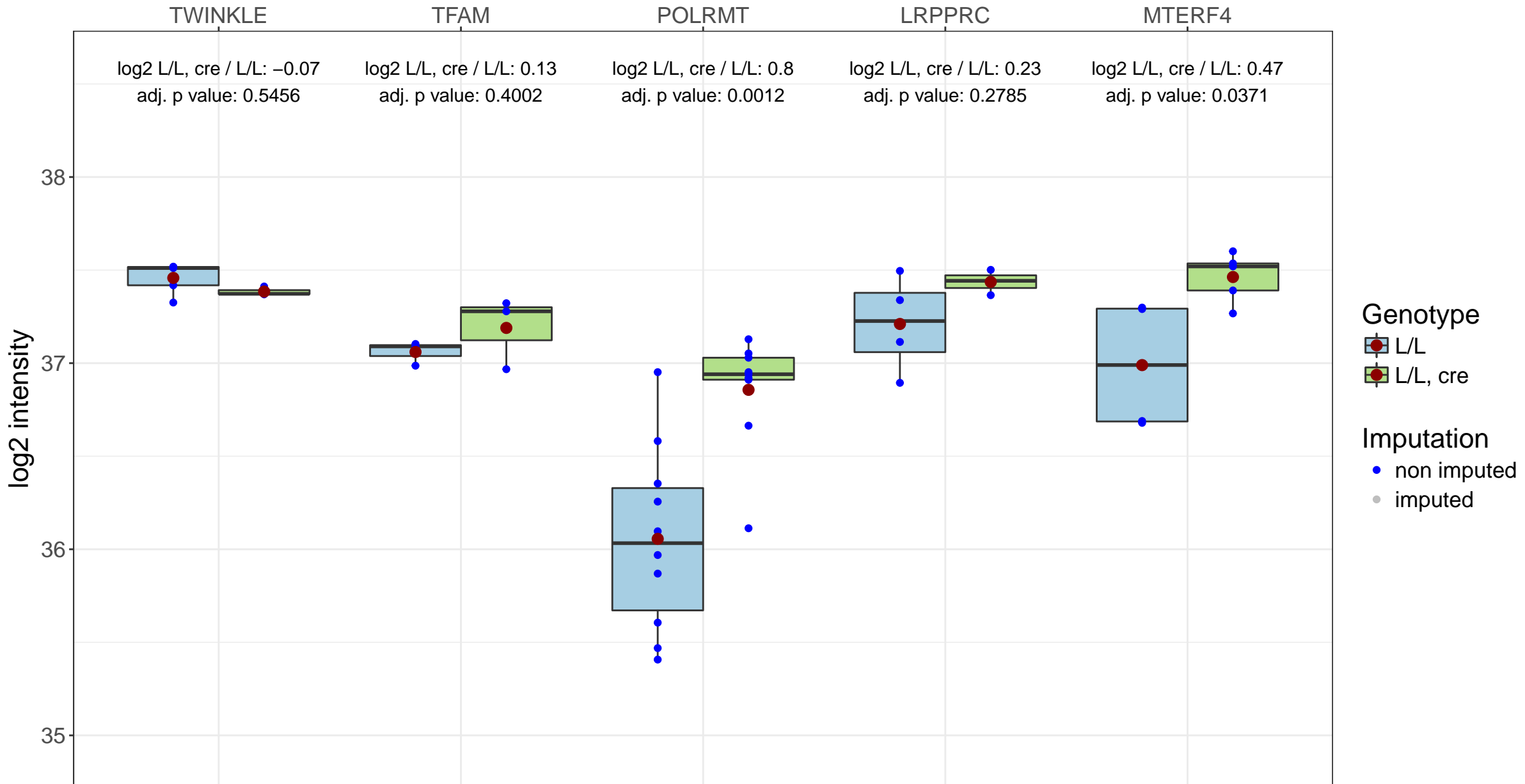
imputed



# NMNAT3 / Q99JR6

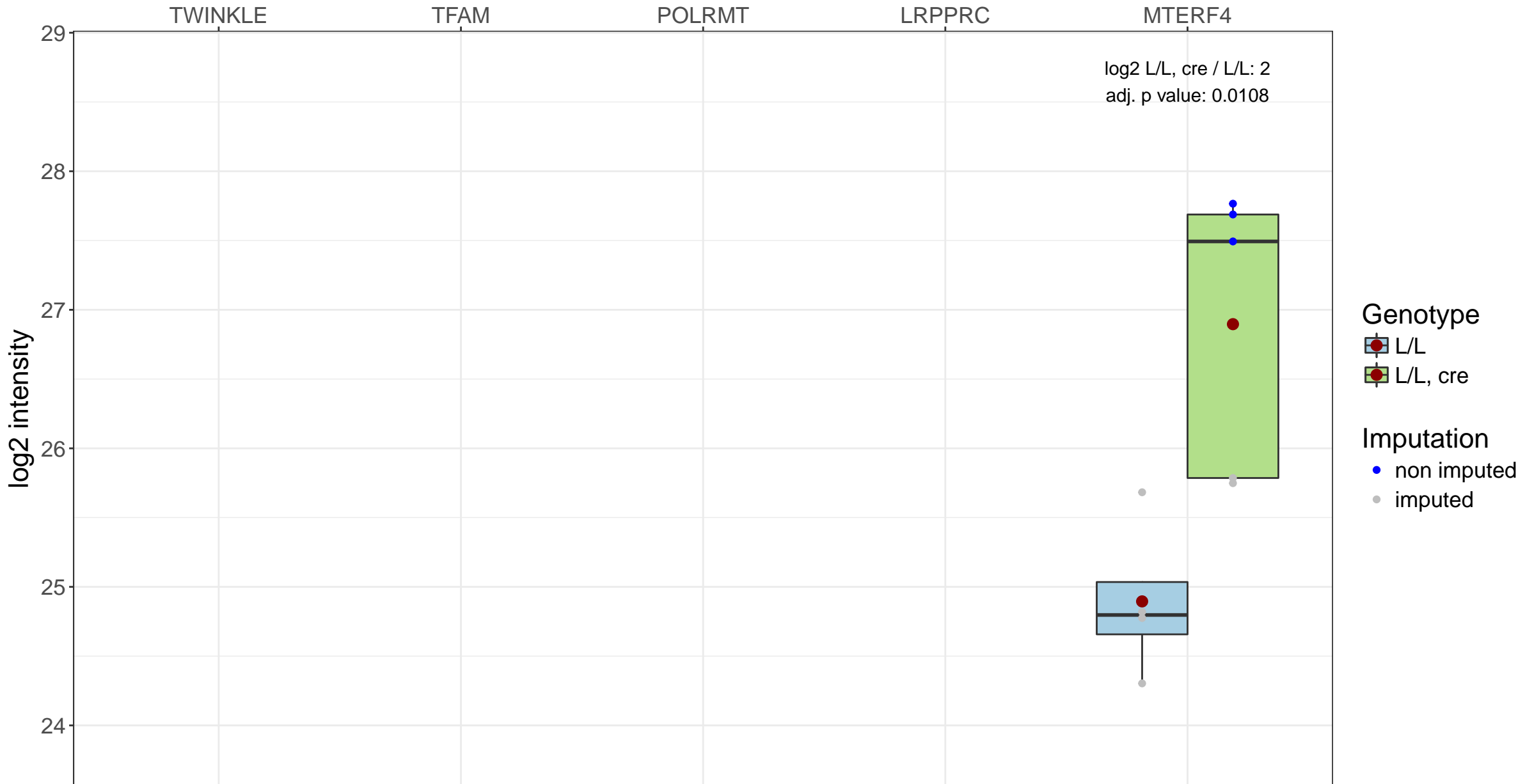


# NNT / Q61941

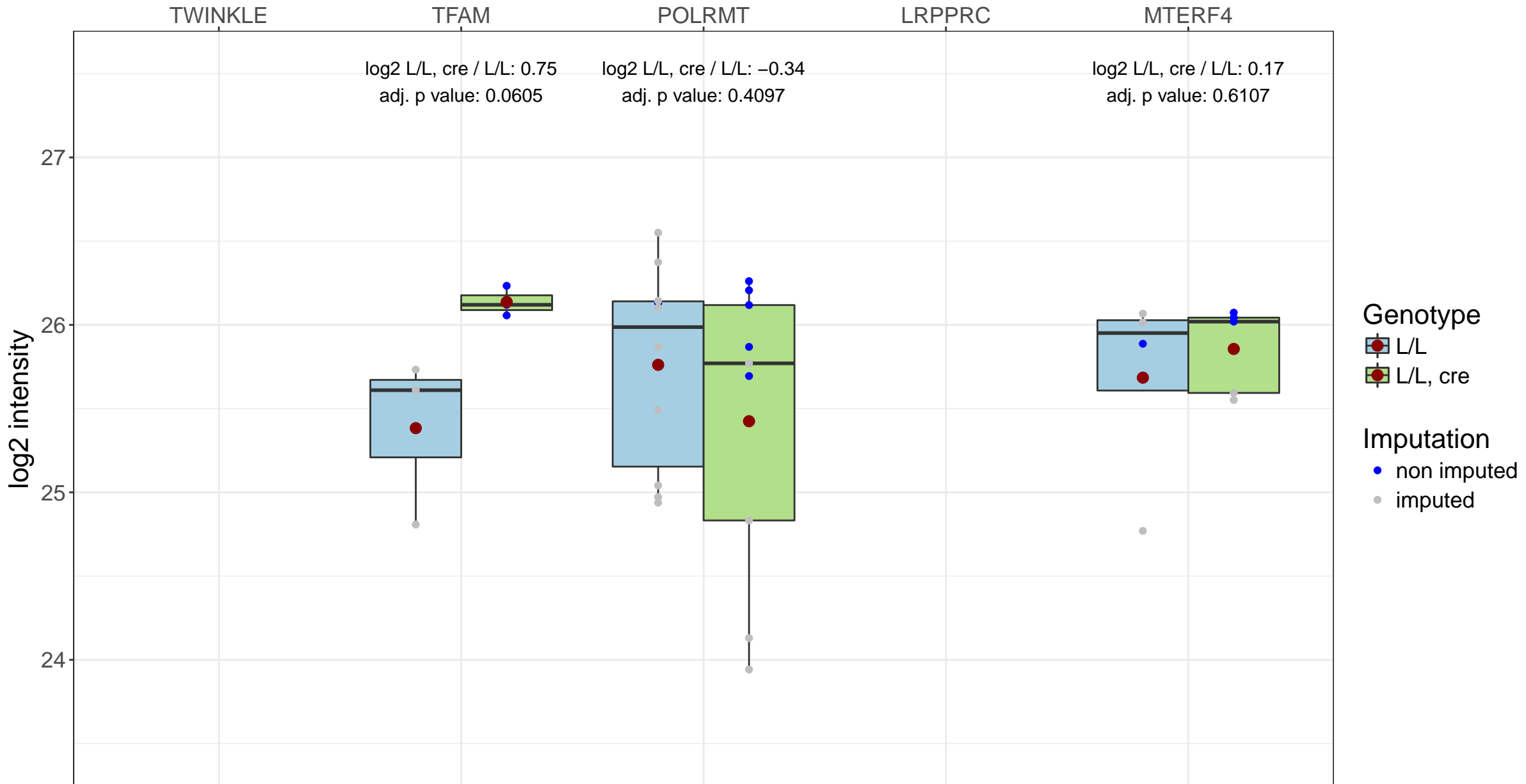




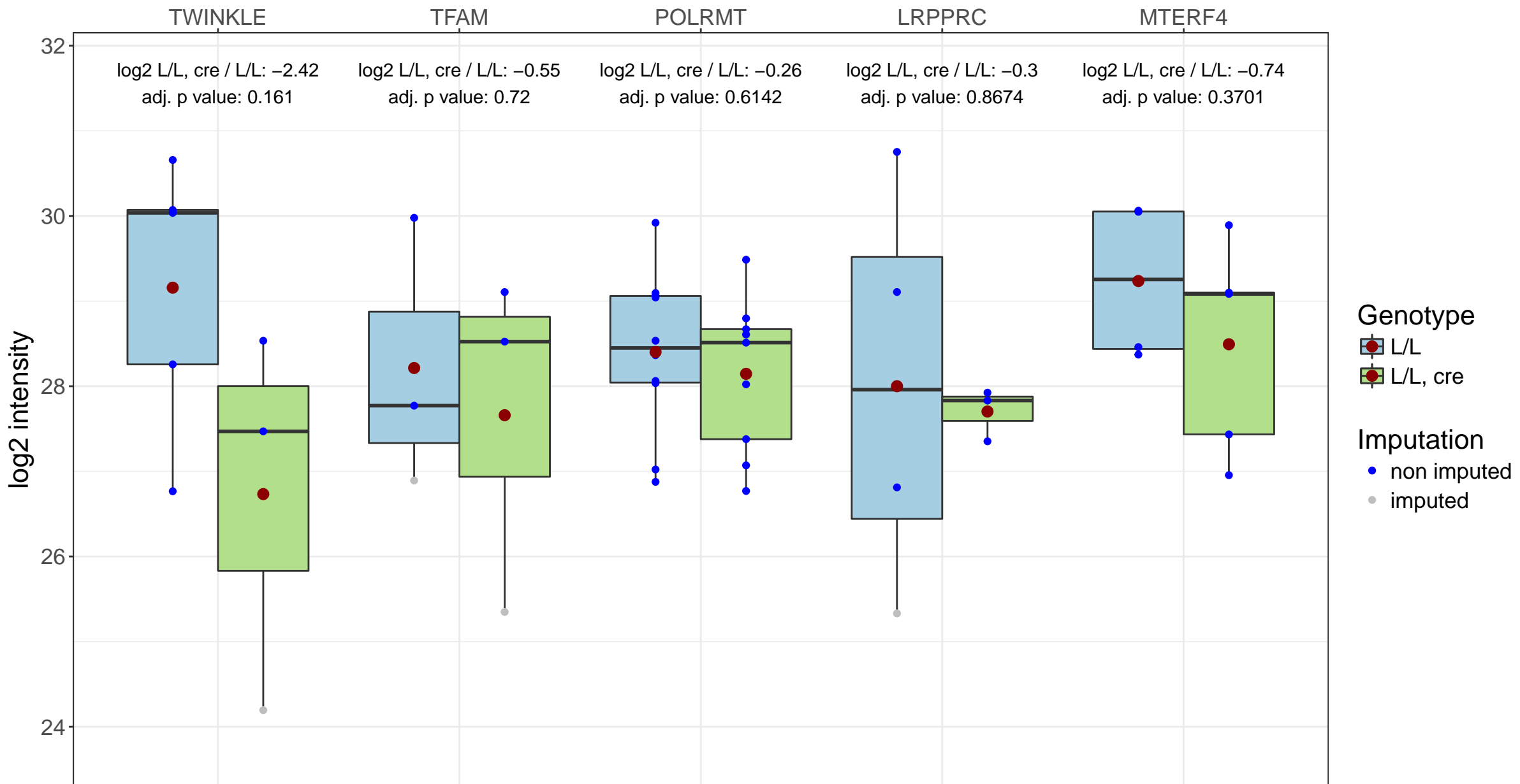
# NOA1 / Q9JJG9



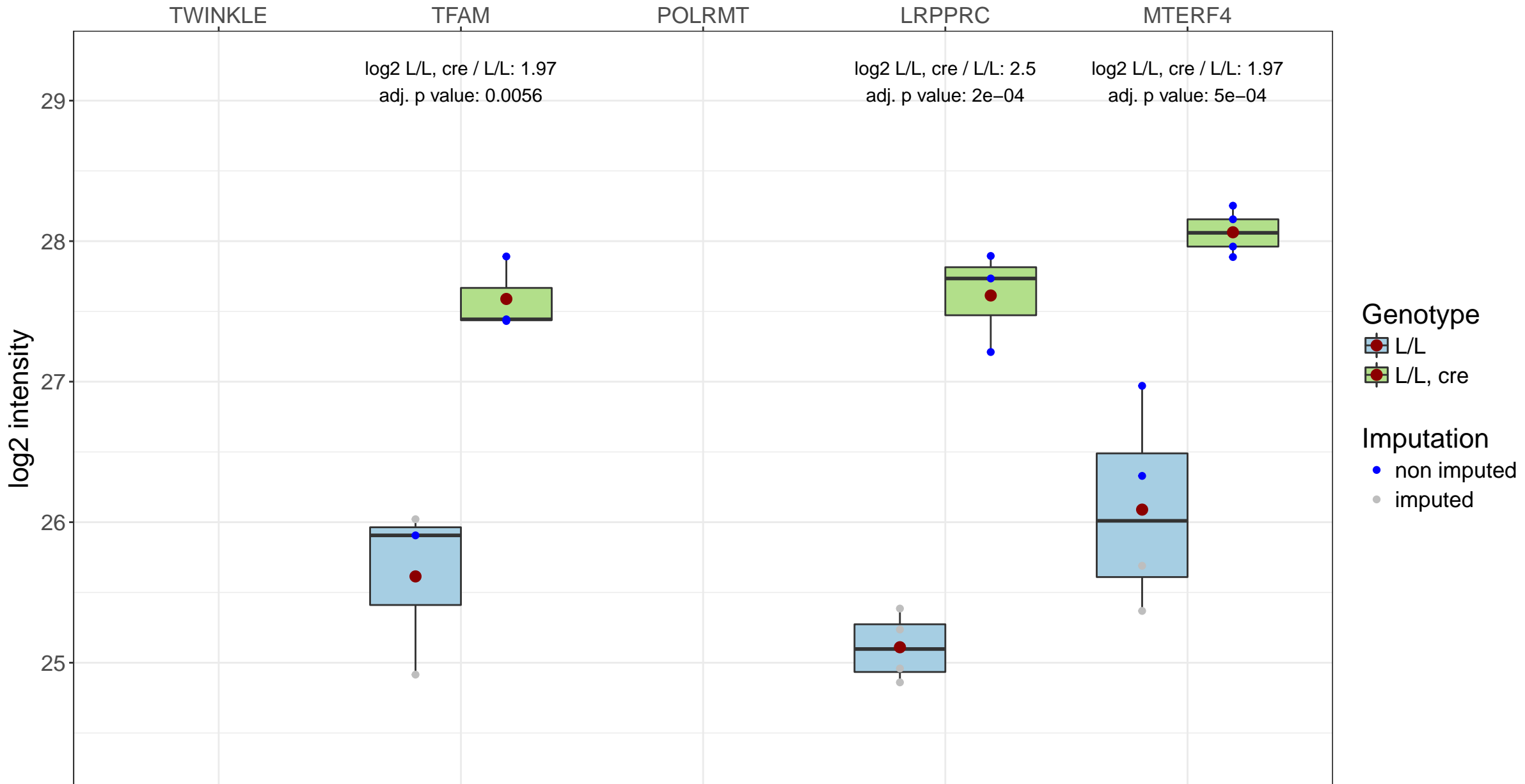
# NPEPPS / Q11011



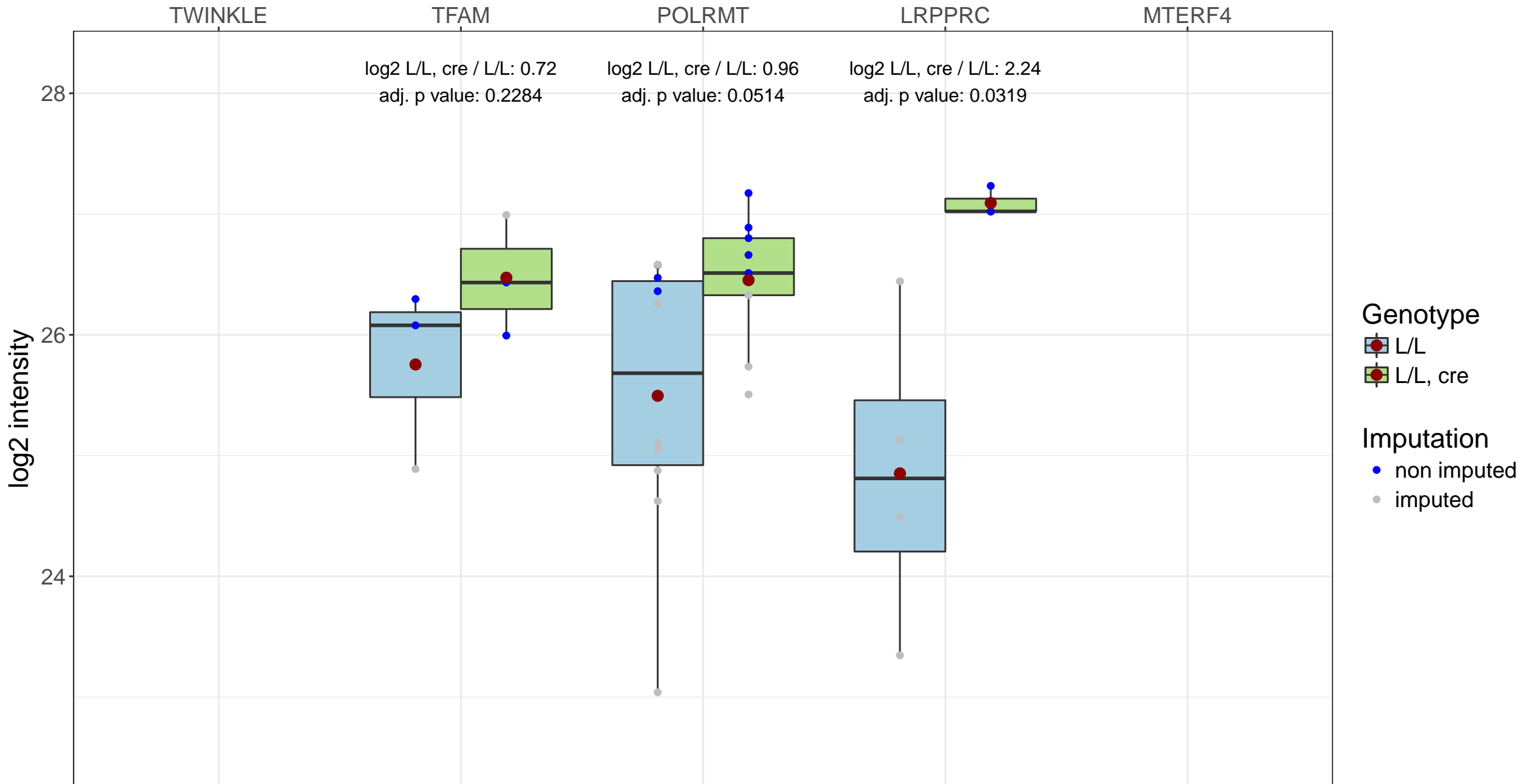
# NPPA / P05125



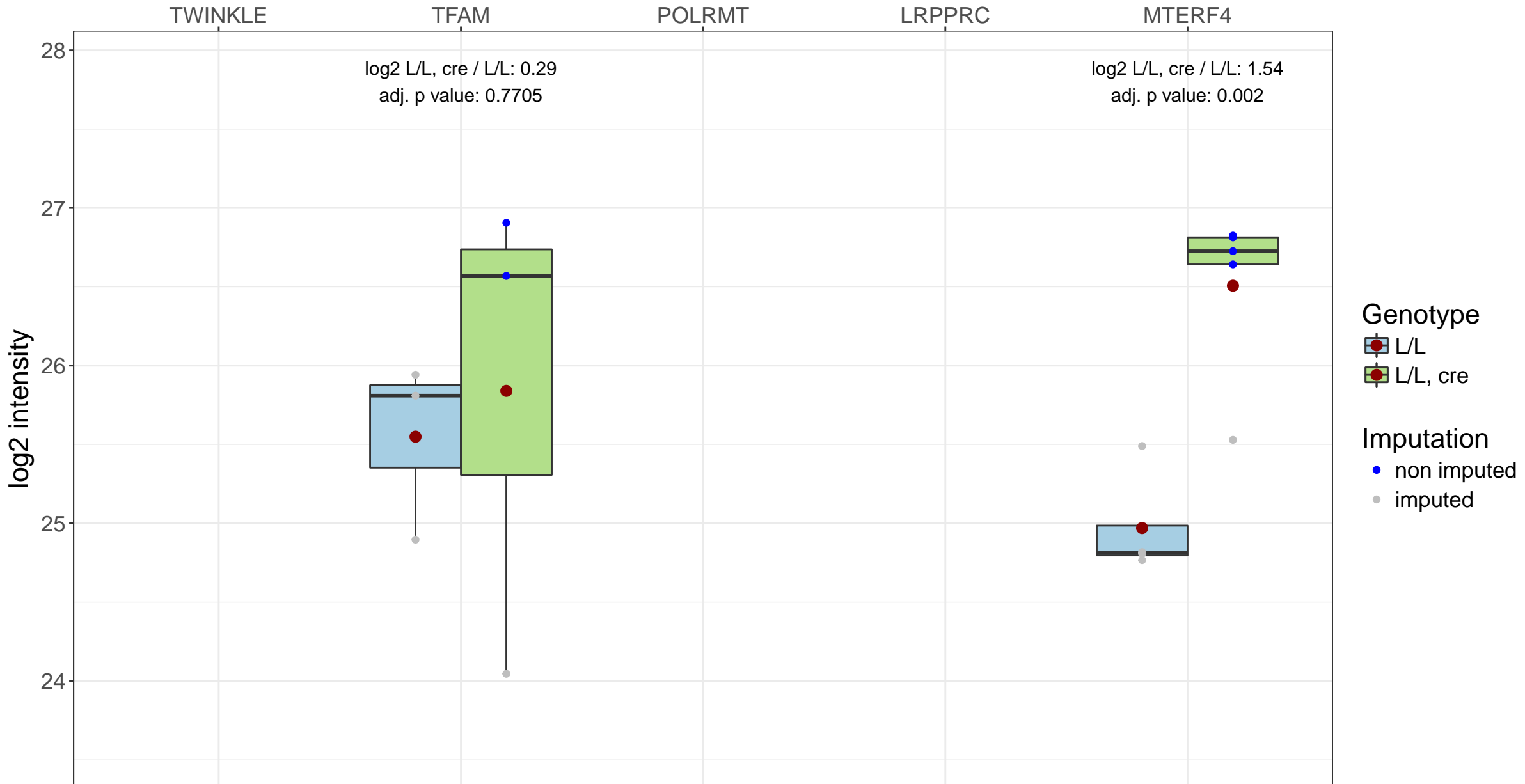
# NQO1 / Q64669



# NSUN4 / Q9CZ57



# NT5C3A / Q9D020



# NT5DC2 / Q91X76

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 L/L, cre / L/L: 0.17  
adj. p value: 0.5592

log2 intensity

27

26

25

24

Genotype

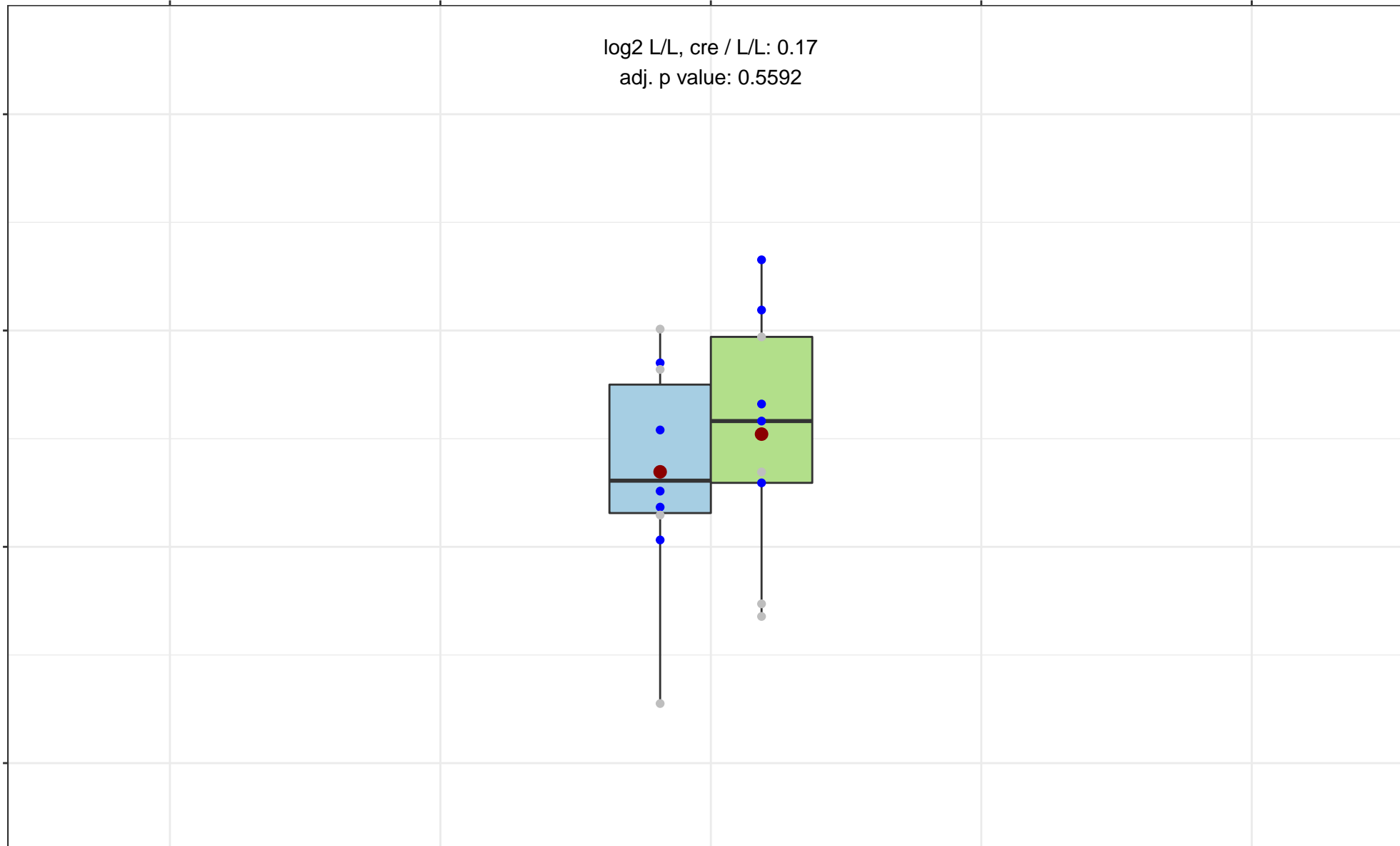
L/L

L/L, cre

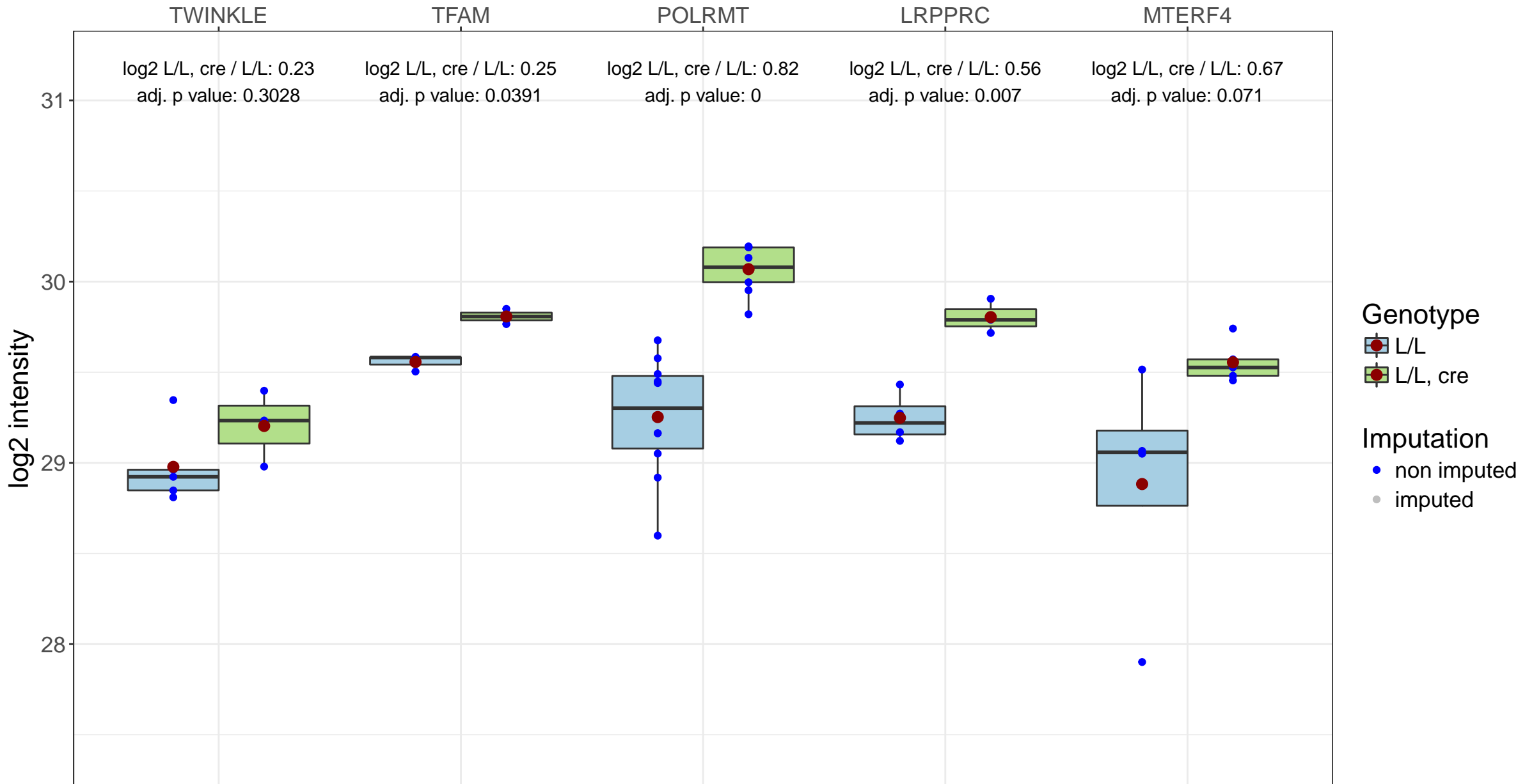
Imputation

non imputed

imputed

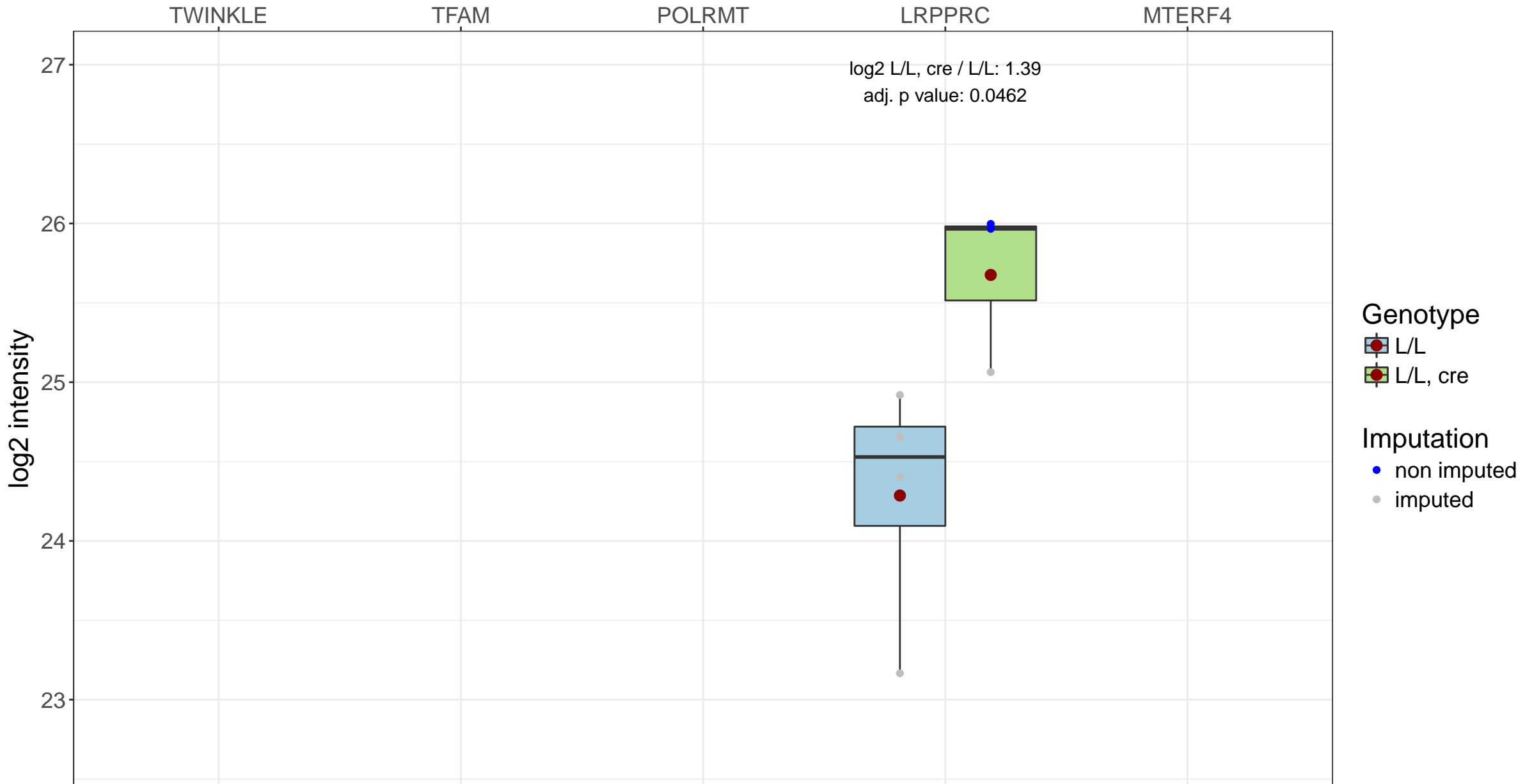


# NT5DC3 / Q3UHB1

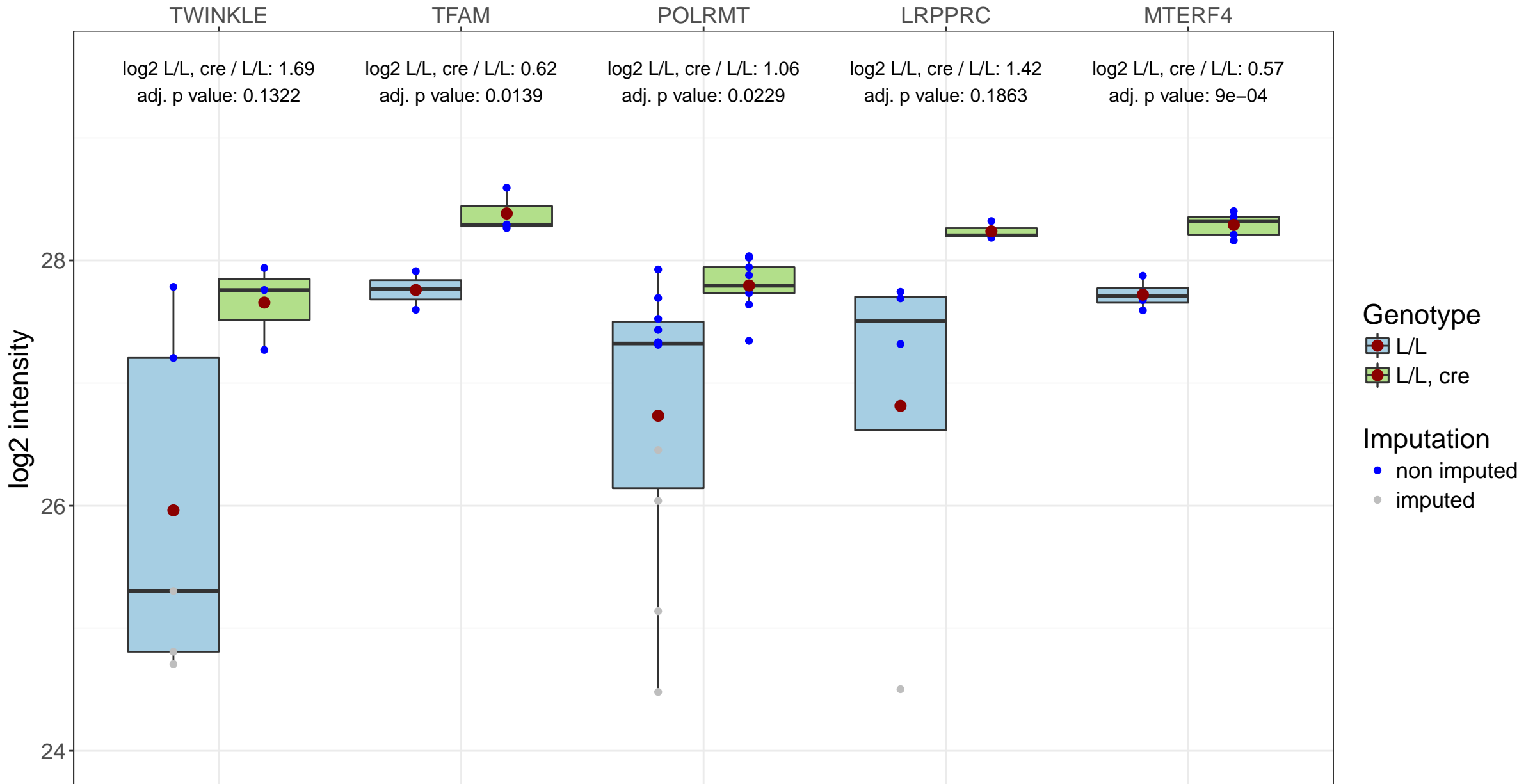




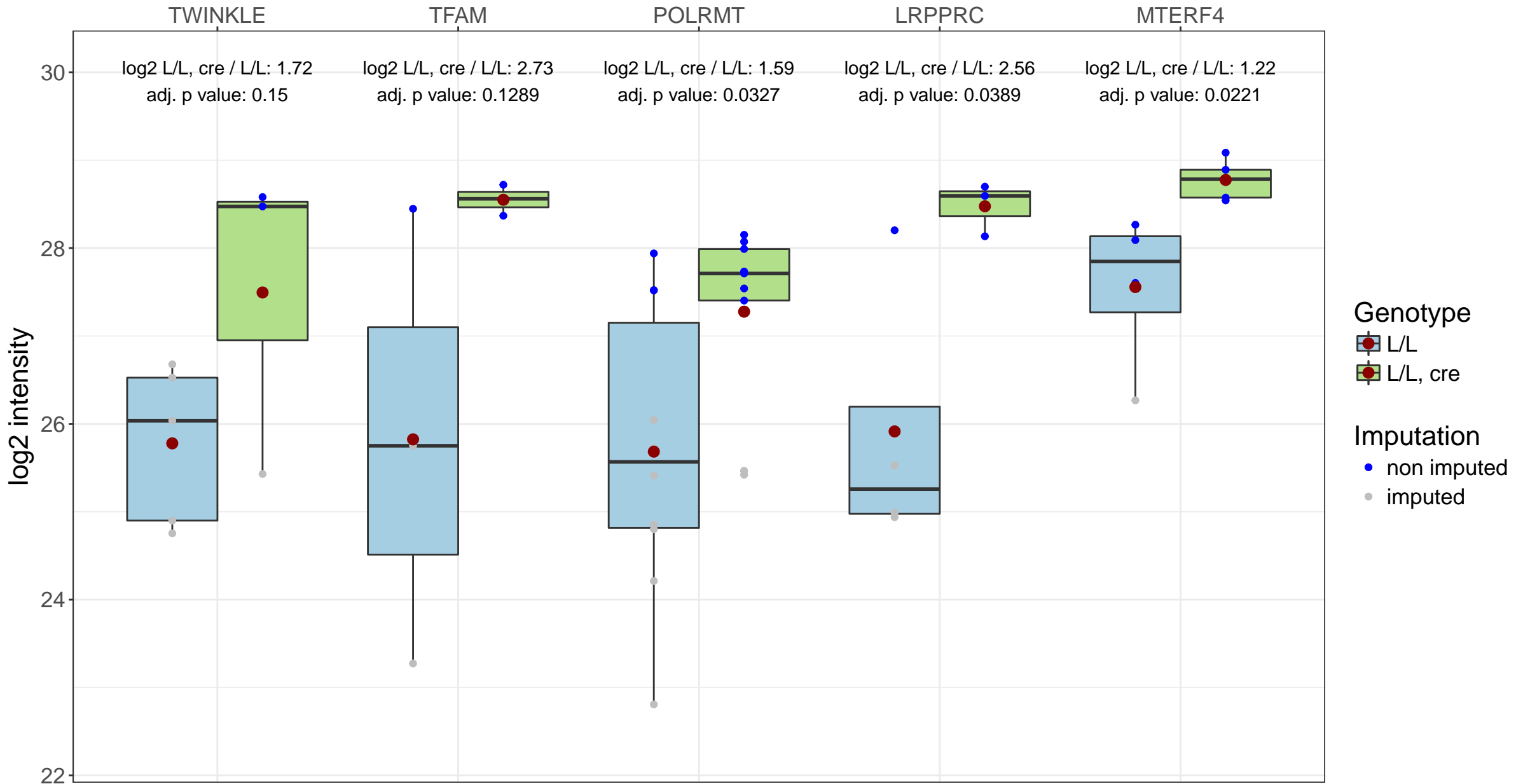
# NT5M / Q8VCE6



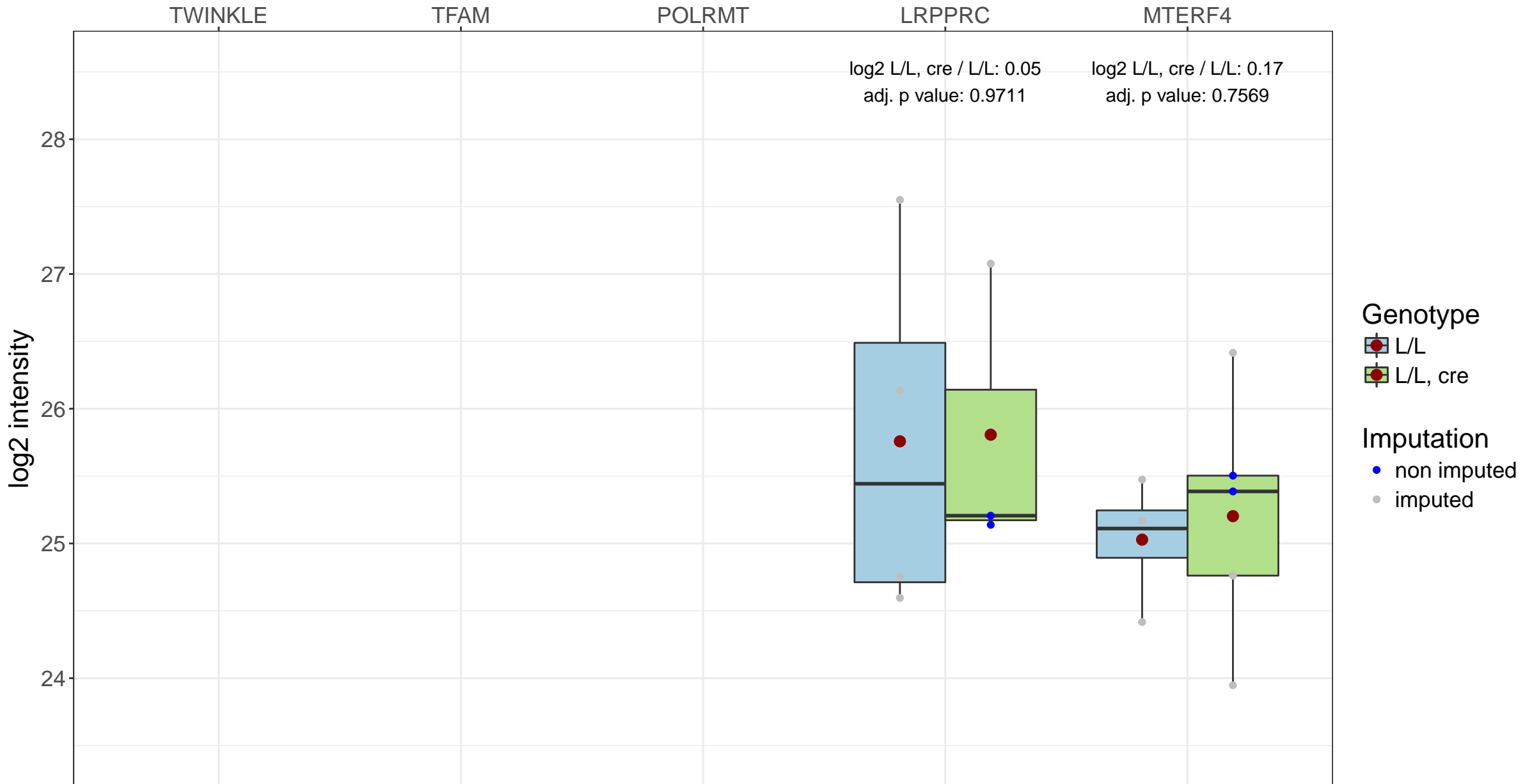
# NUBPL / Q9CWD8



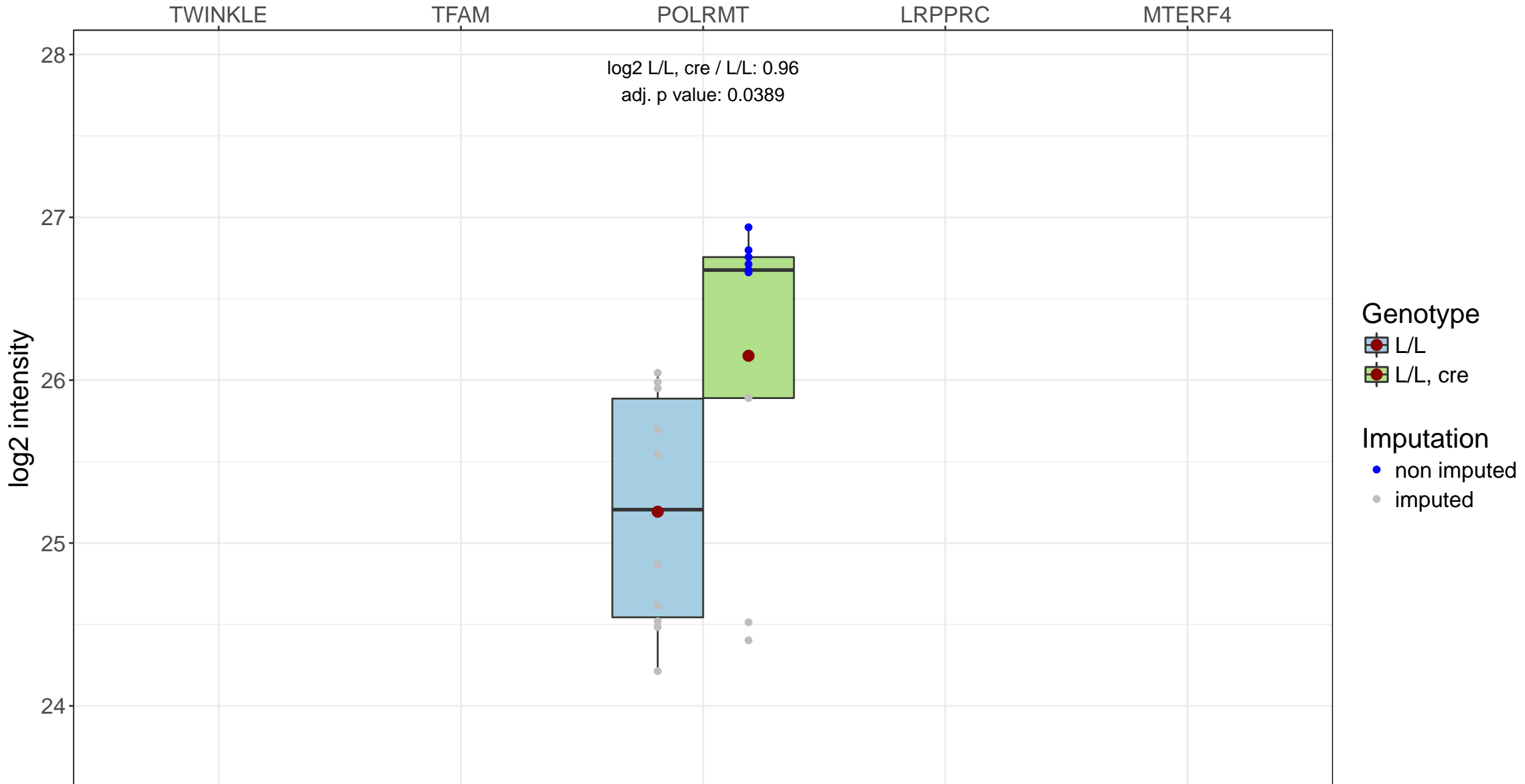
# NUDT13 / Q8JZU0



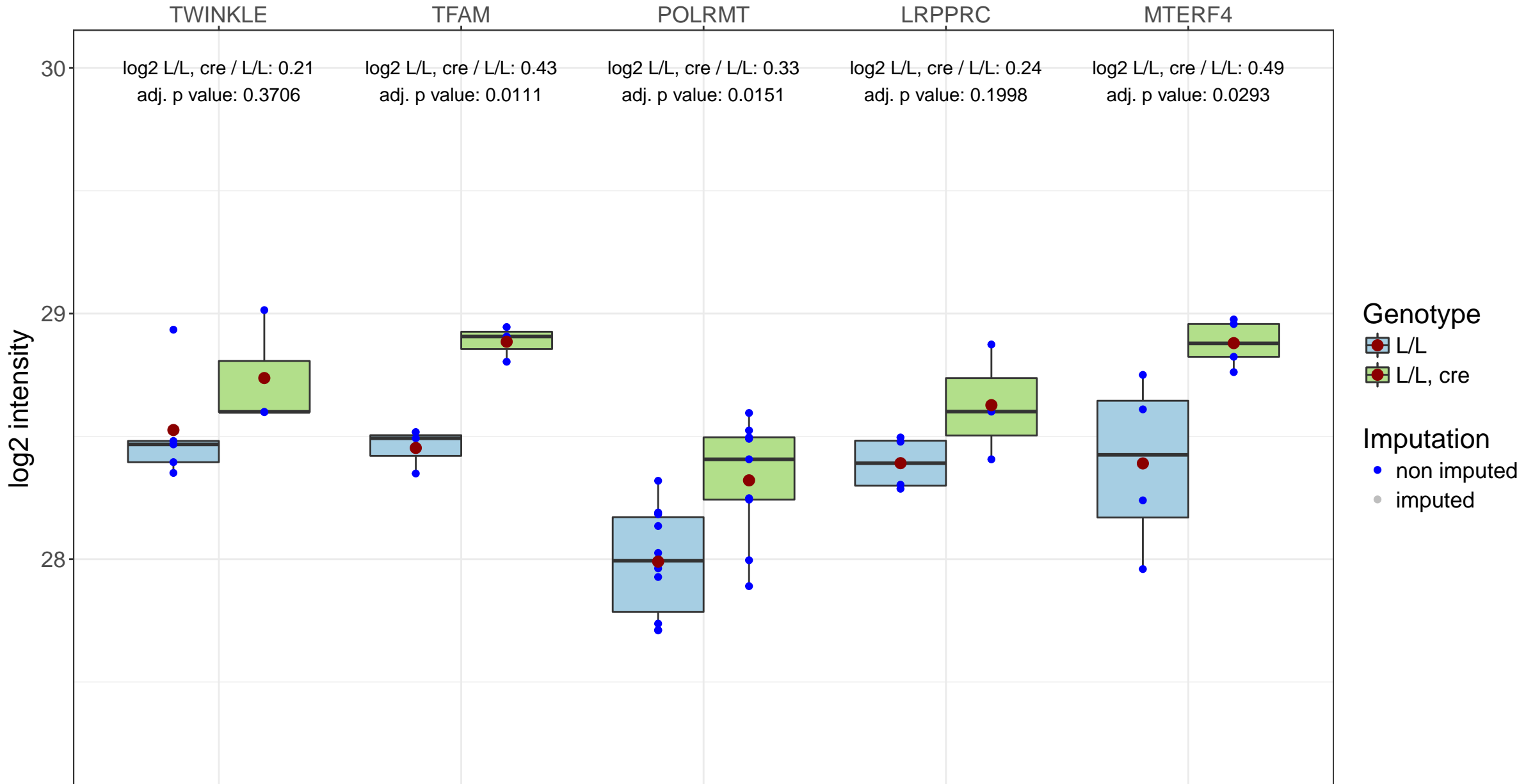
# NUDT17 / Q9CWD3



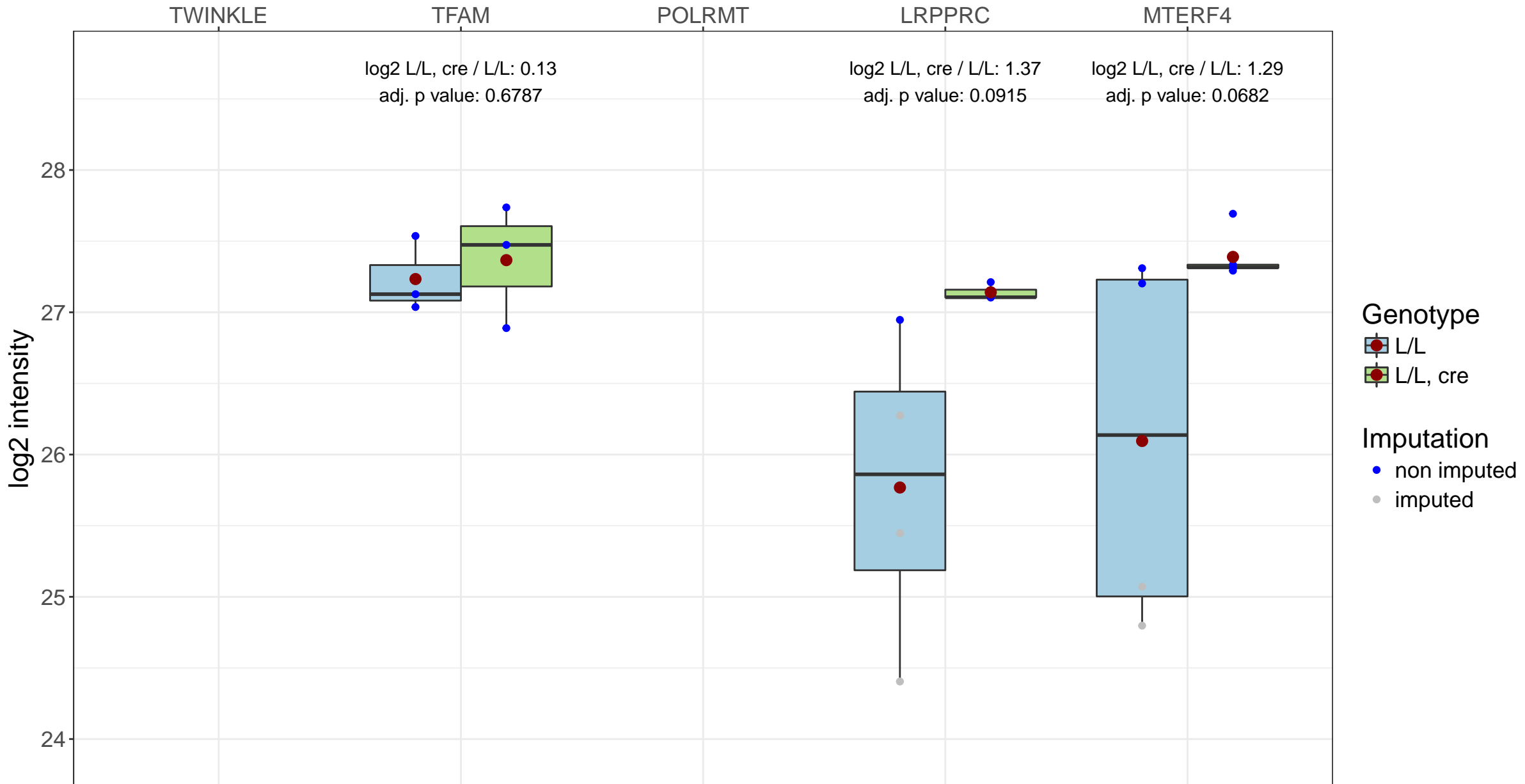
# NUDT19 / P11930



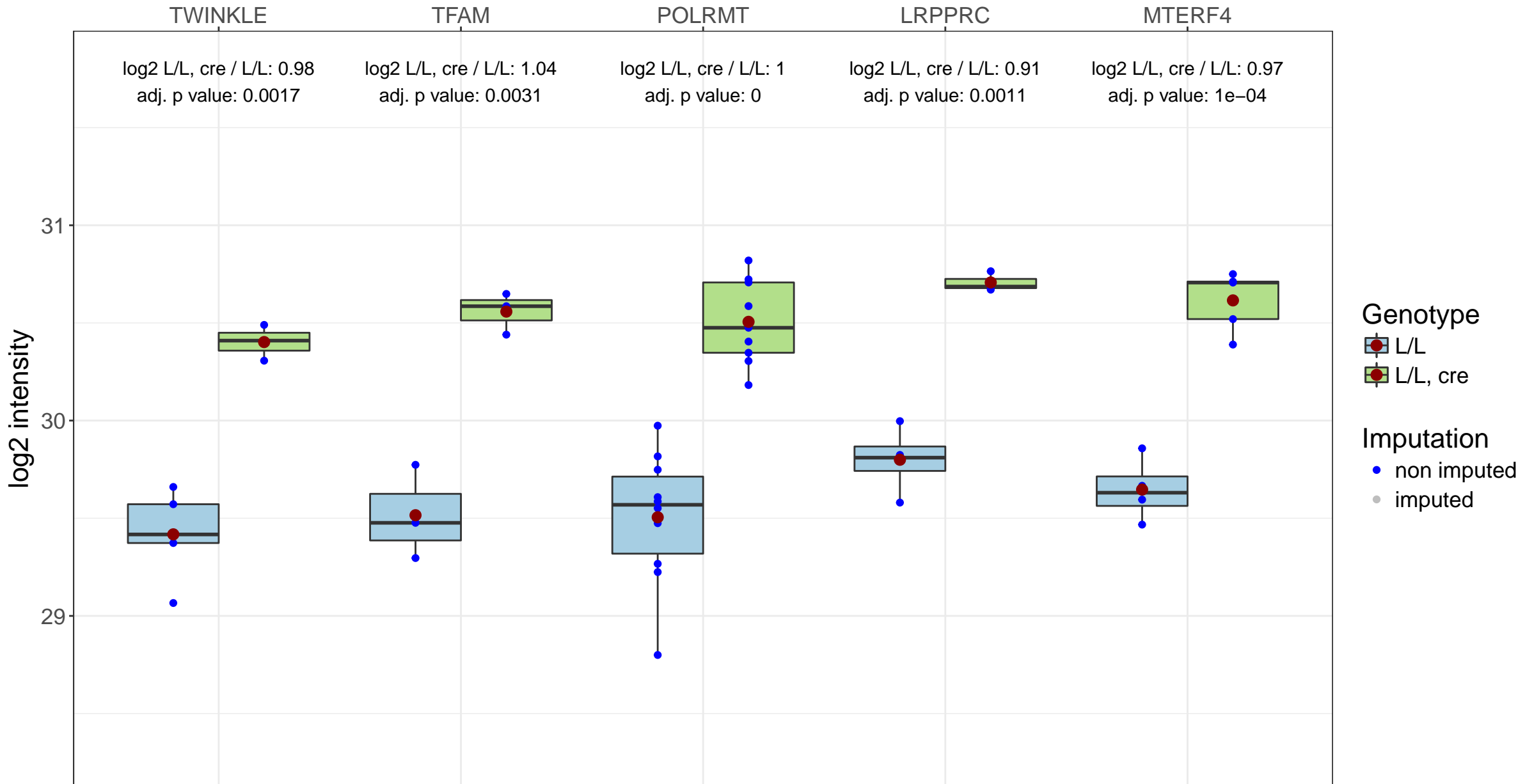
# NUDT2 / P56380



# NUDT6 / Q3ULU4

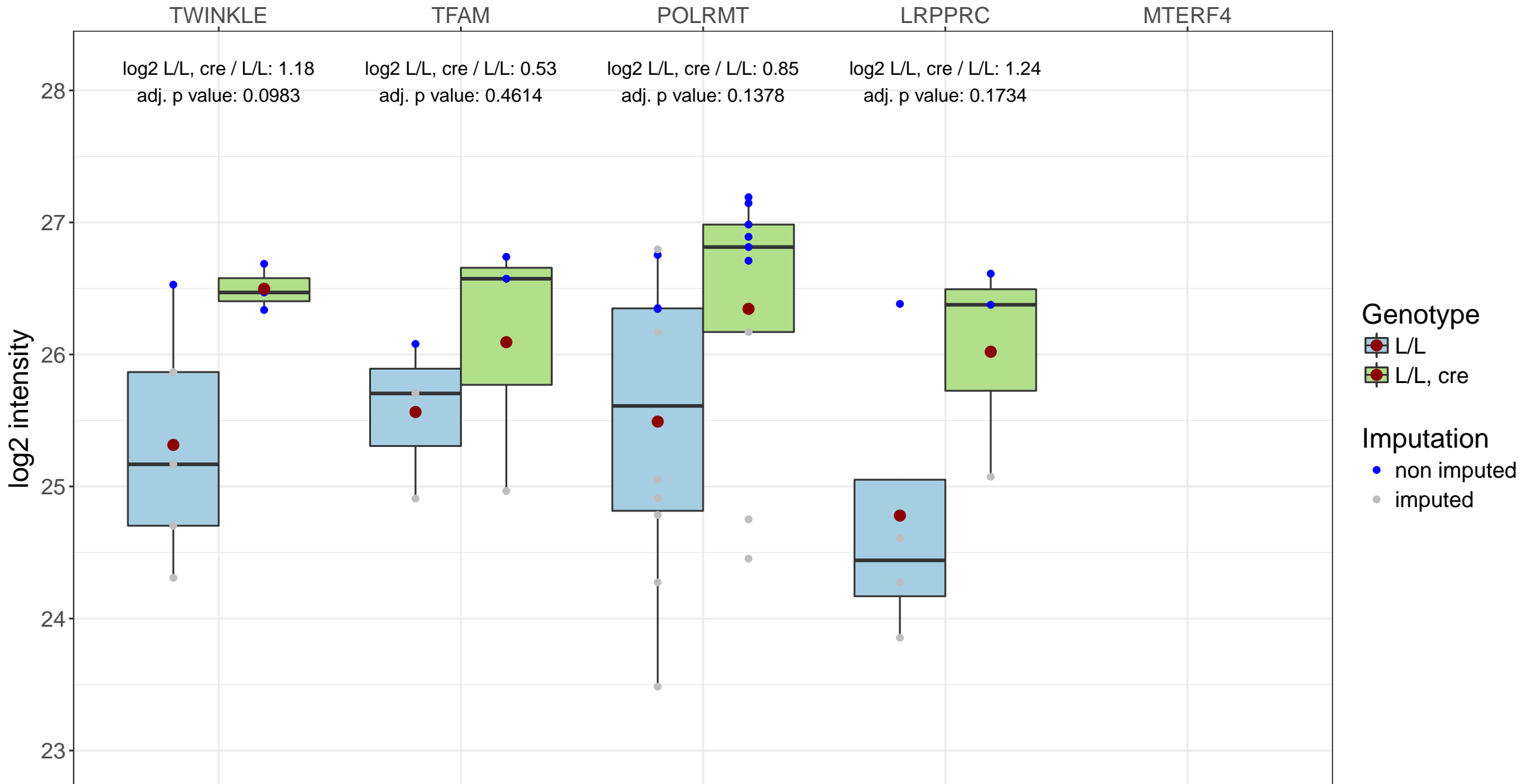


# NUDT8 / Q9CR24

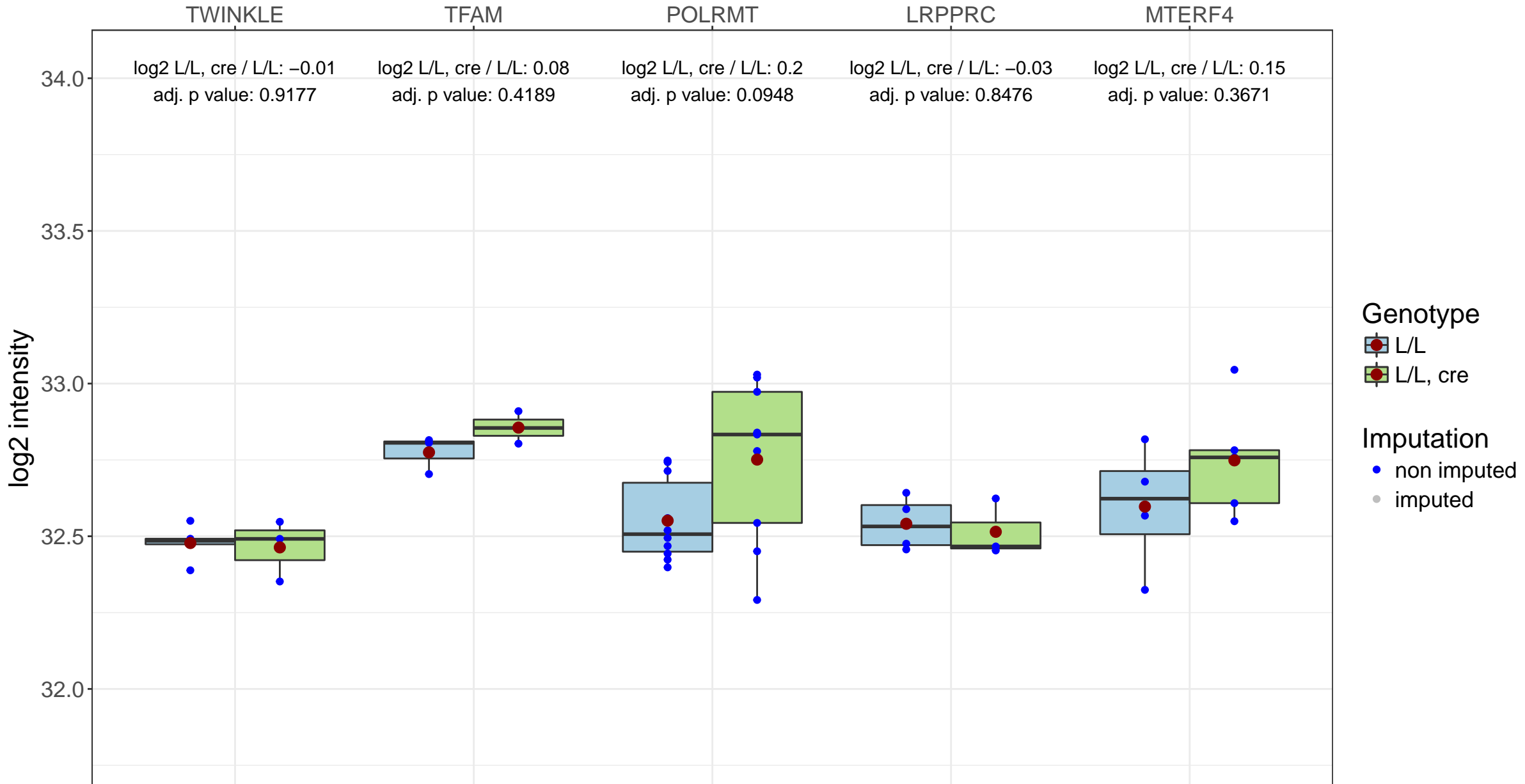




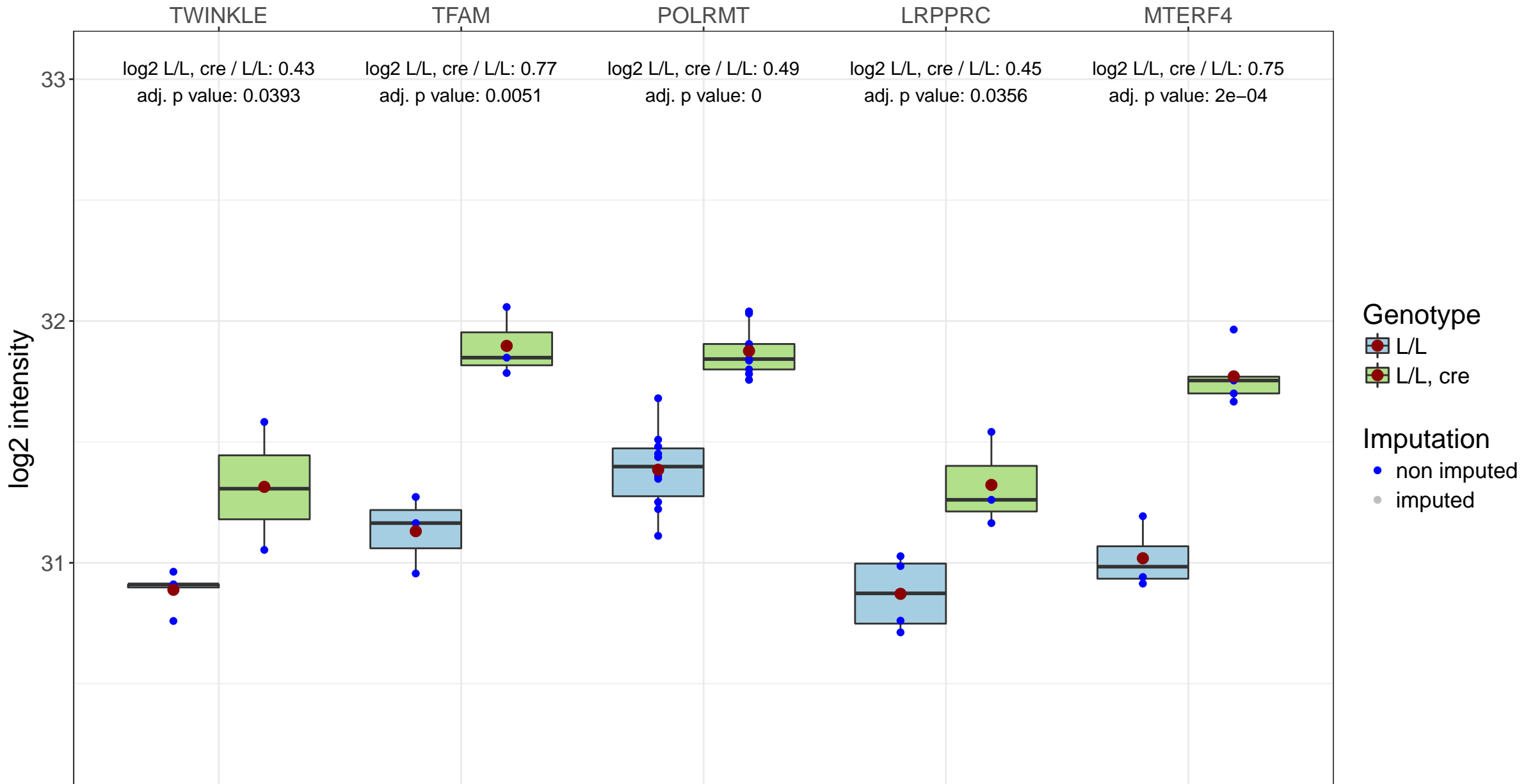
# NUDT9 / Q8BVU5



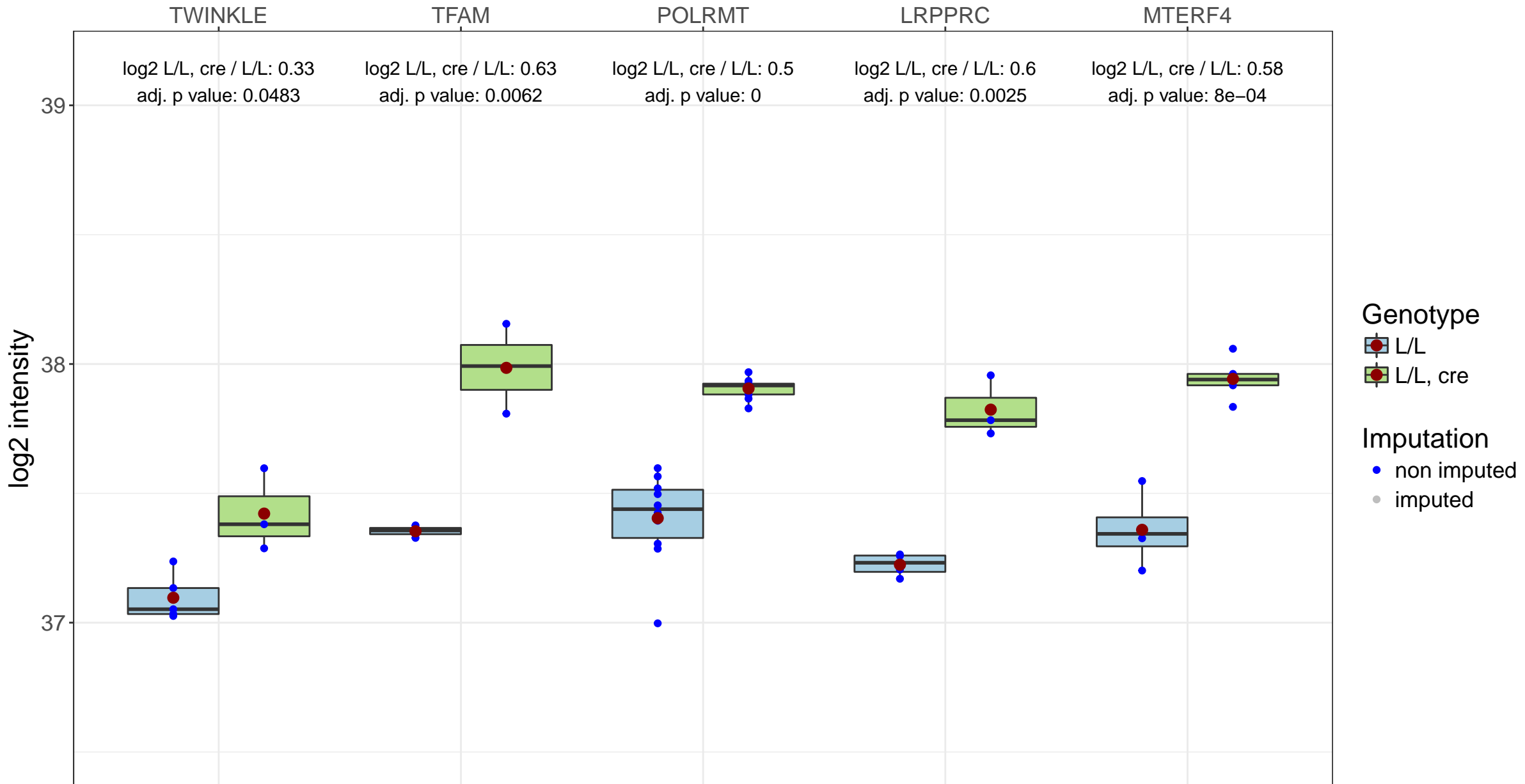
# OAT / P29758



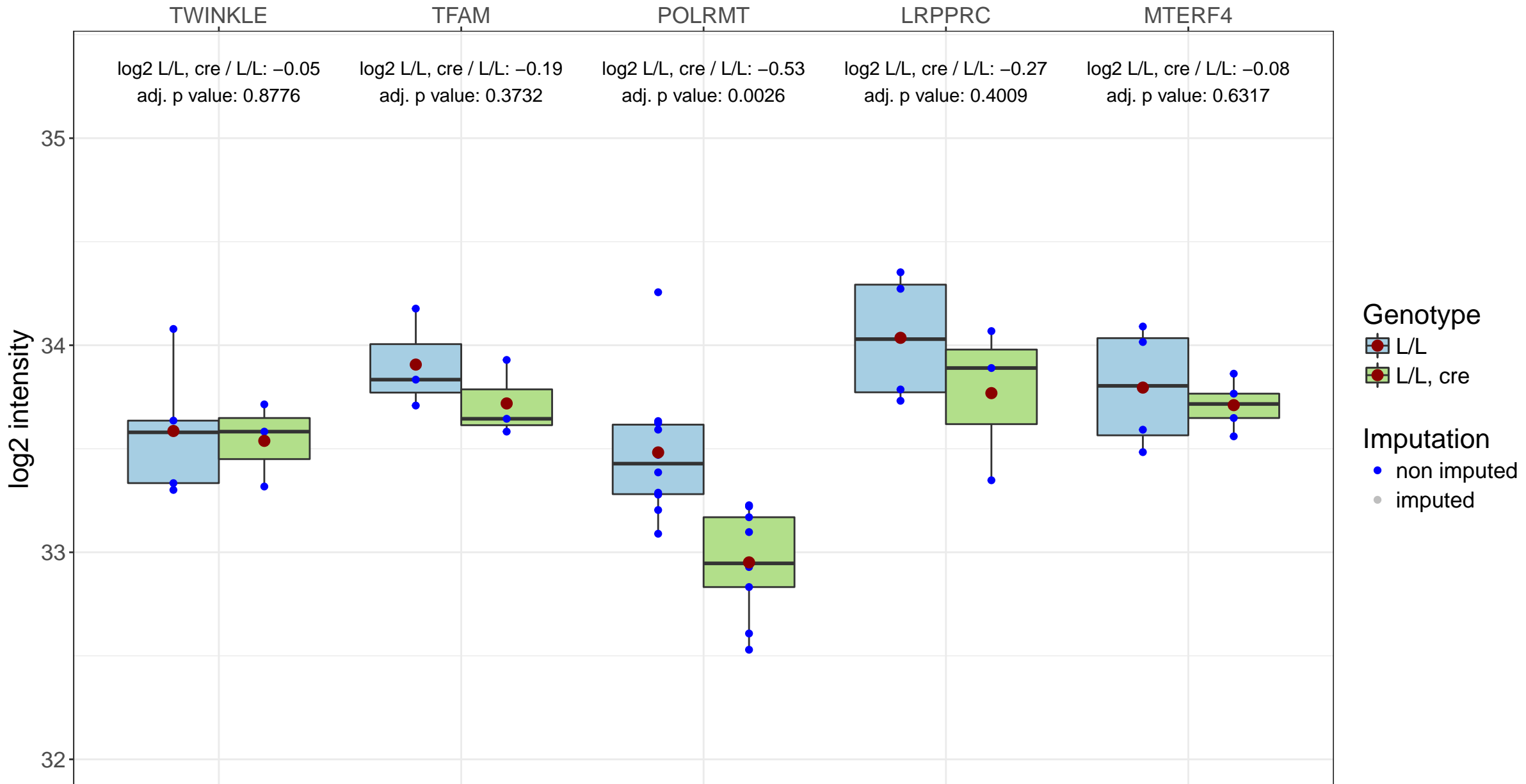
# OCIAD1 / Q9CRD0



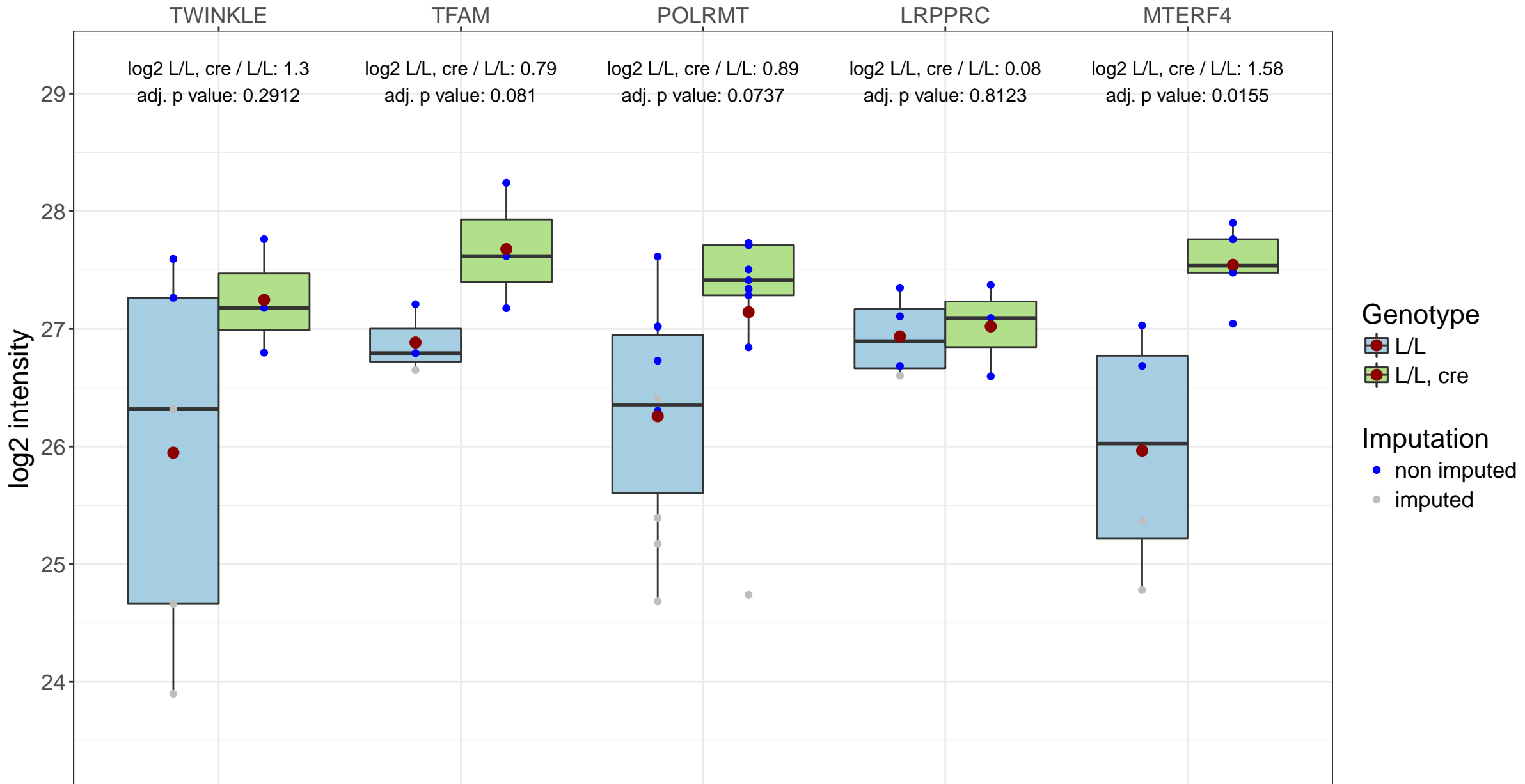
# OGDH / Q60597



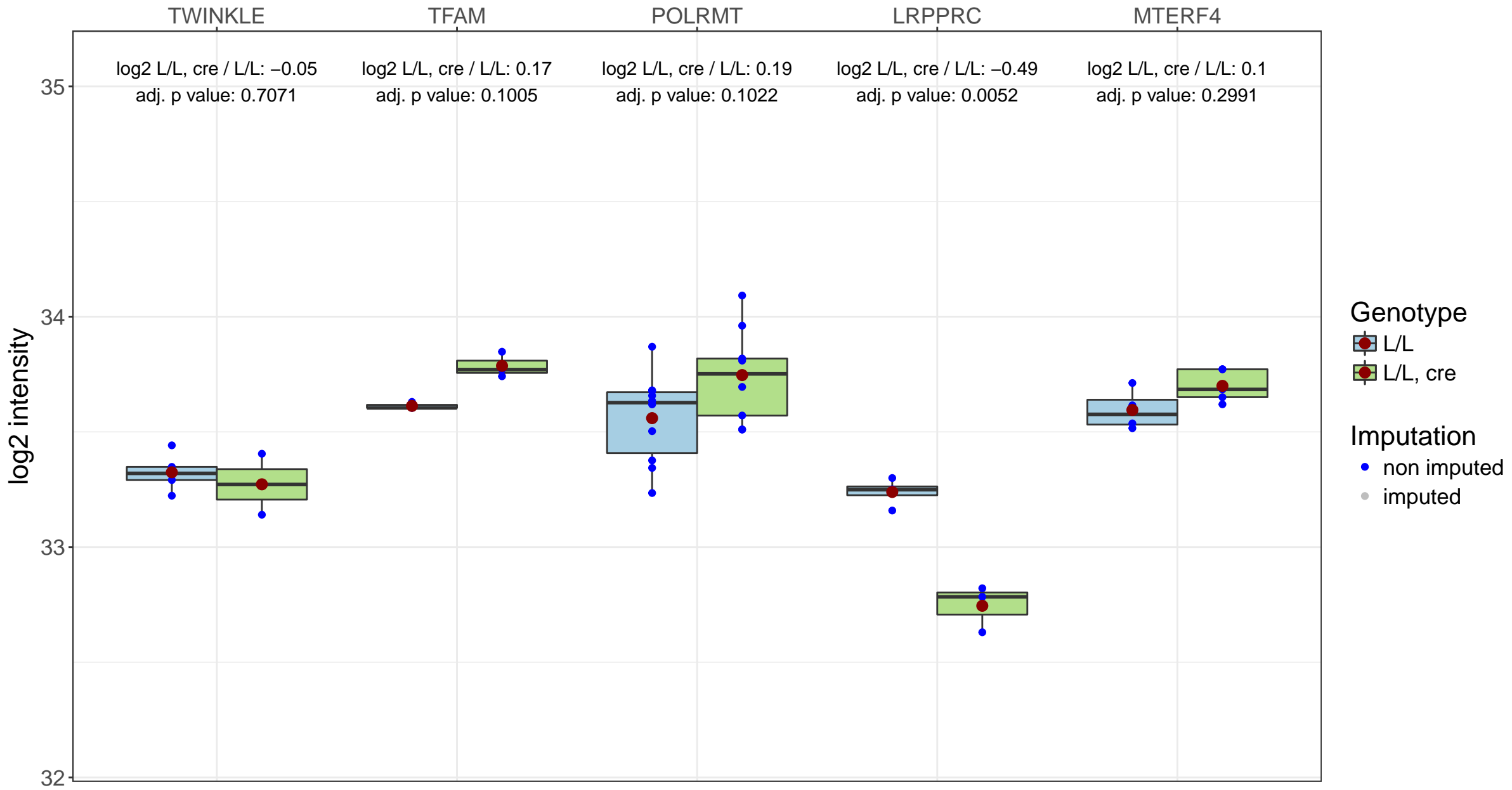
# OGDHL / E9Q7L0



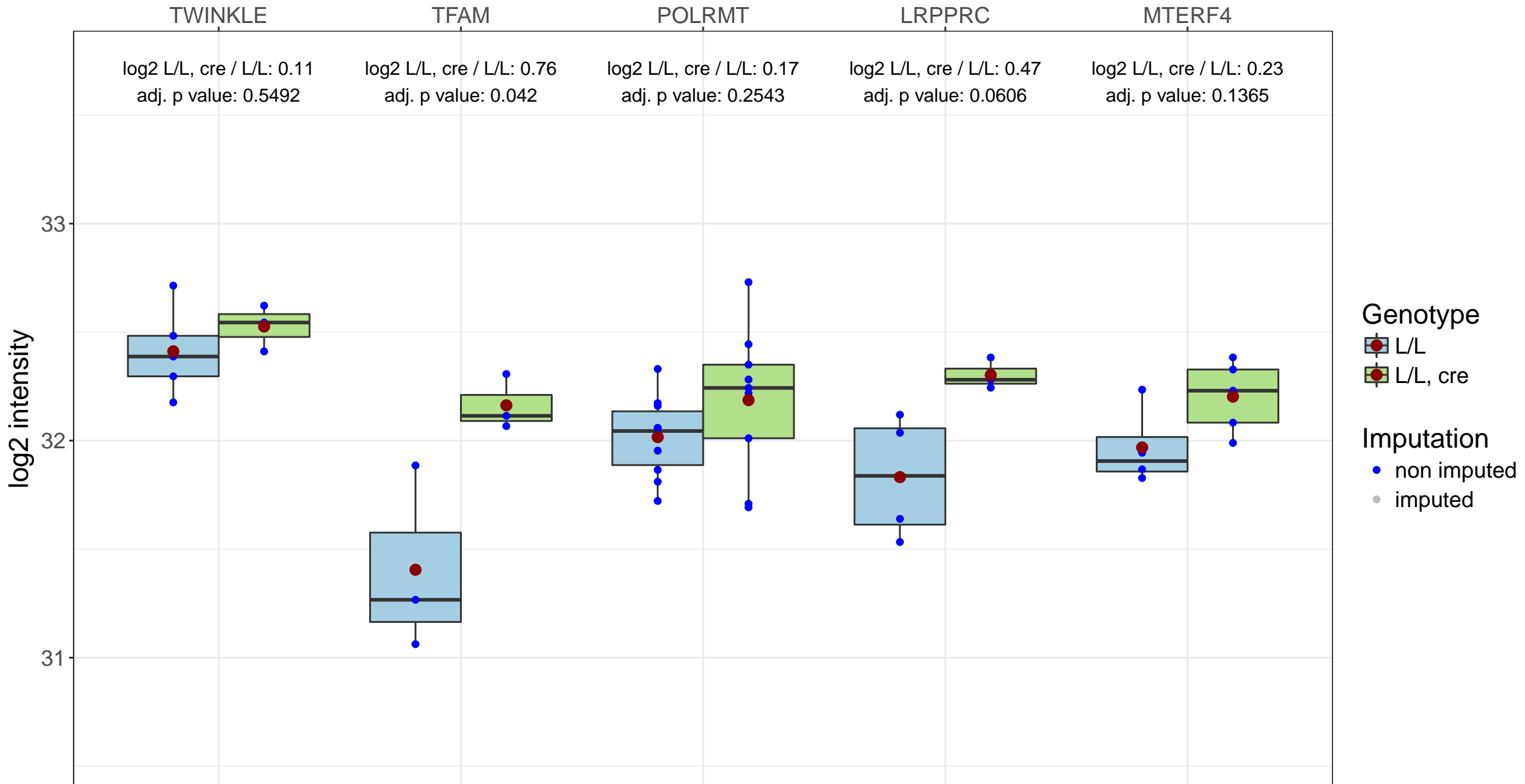
# OMA1 / Q9D8H7



# OPA1 / P58281-2

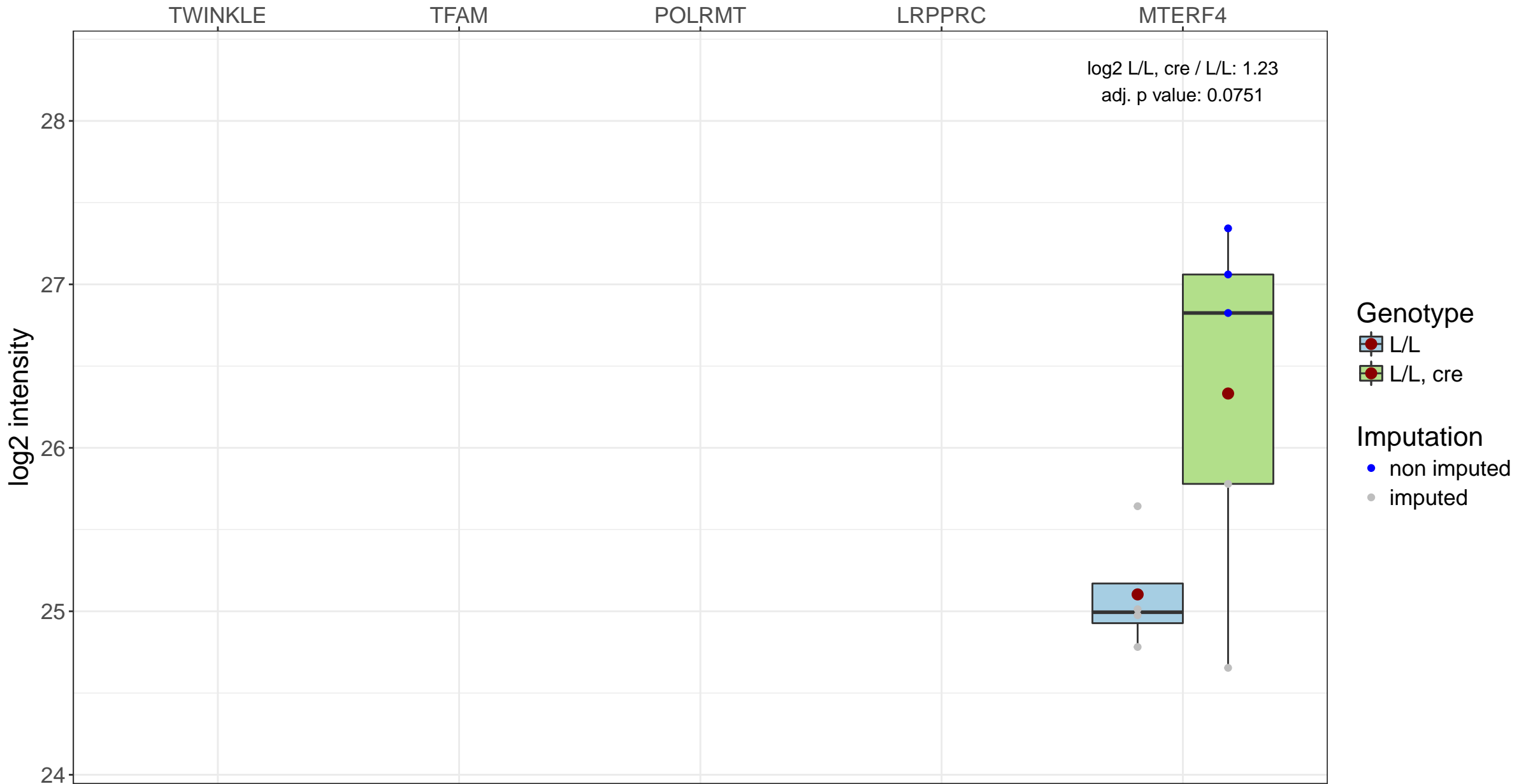


# OPA3 / Q505D7

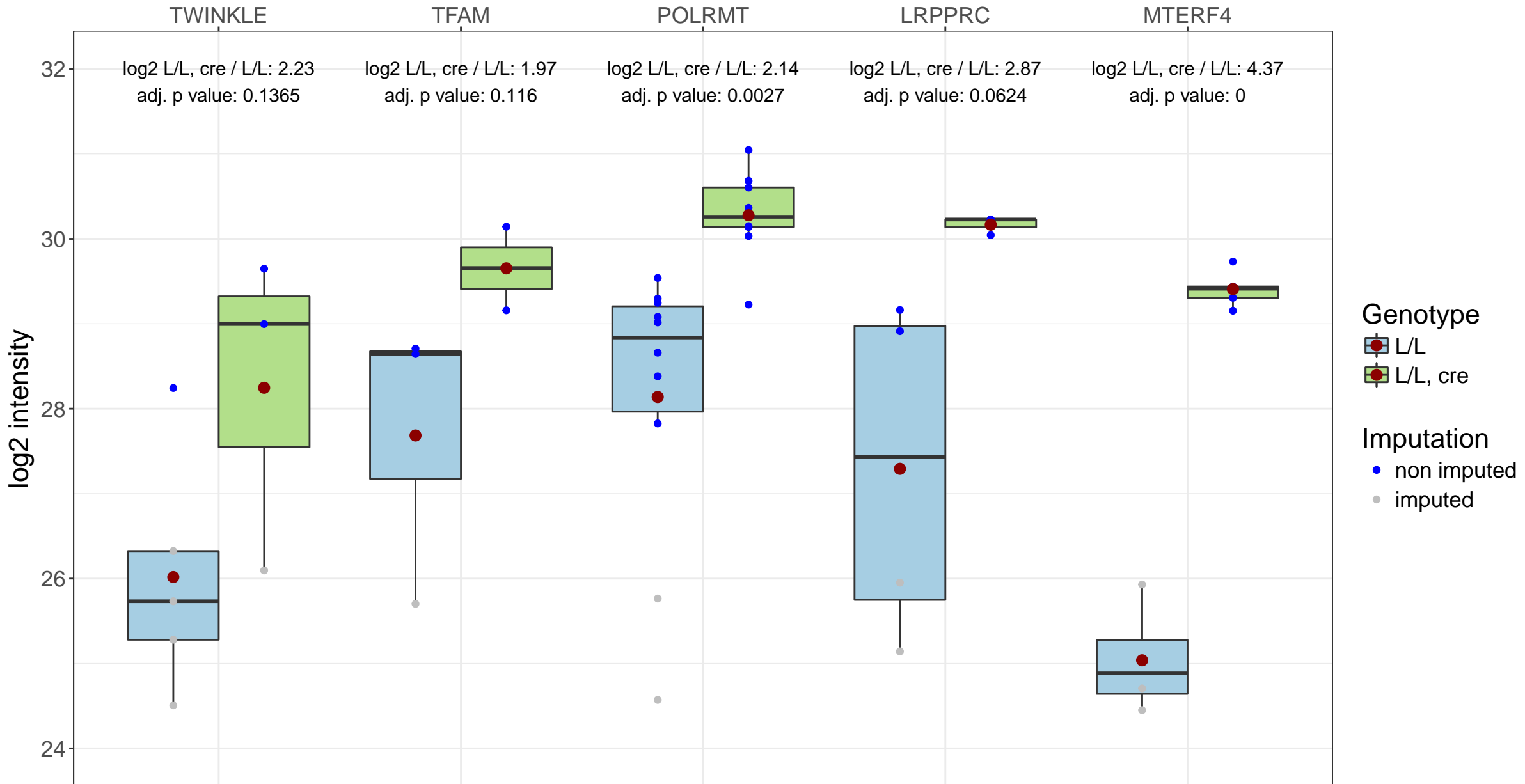




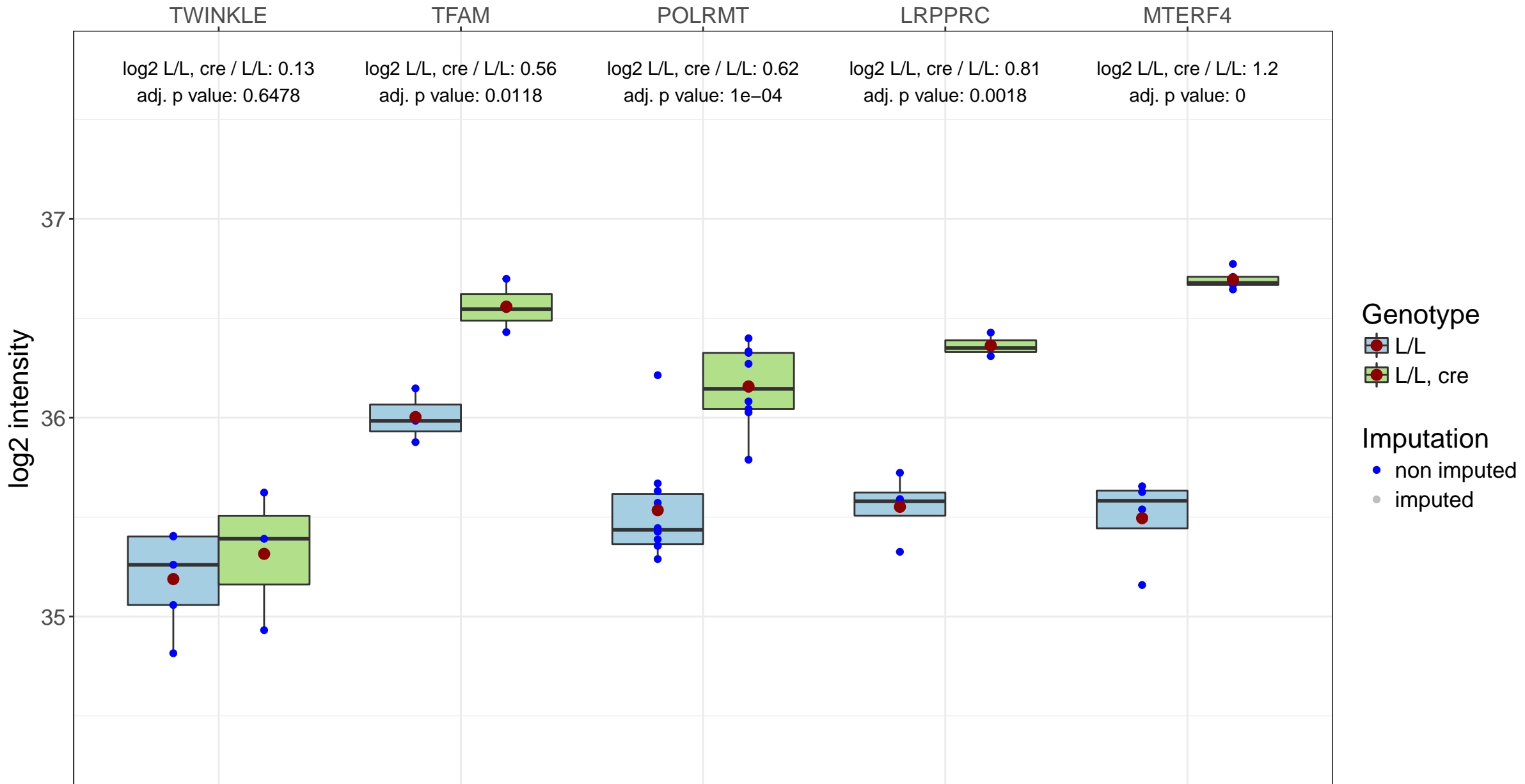
# OSGEPL1 / Q6PEB4



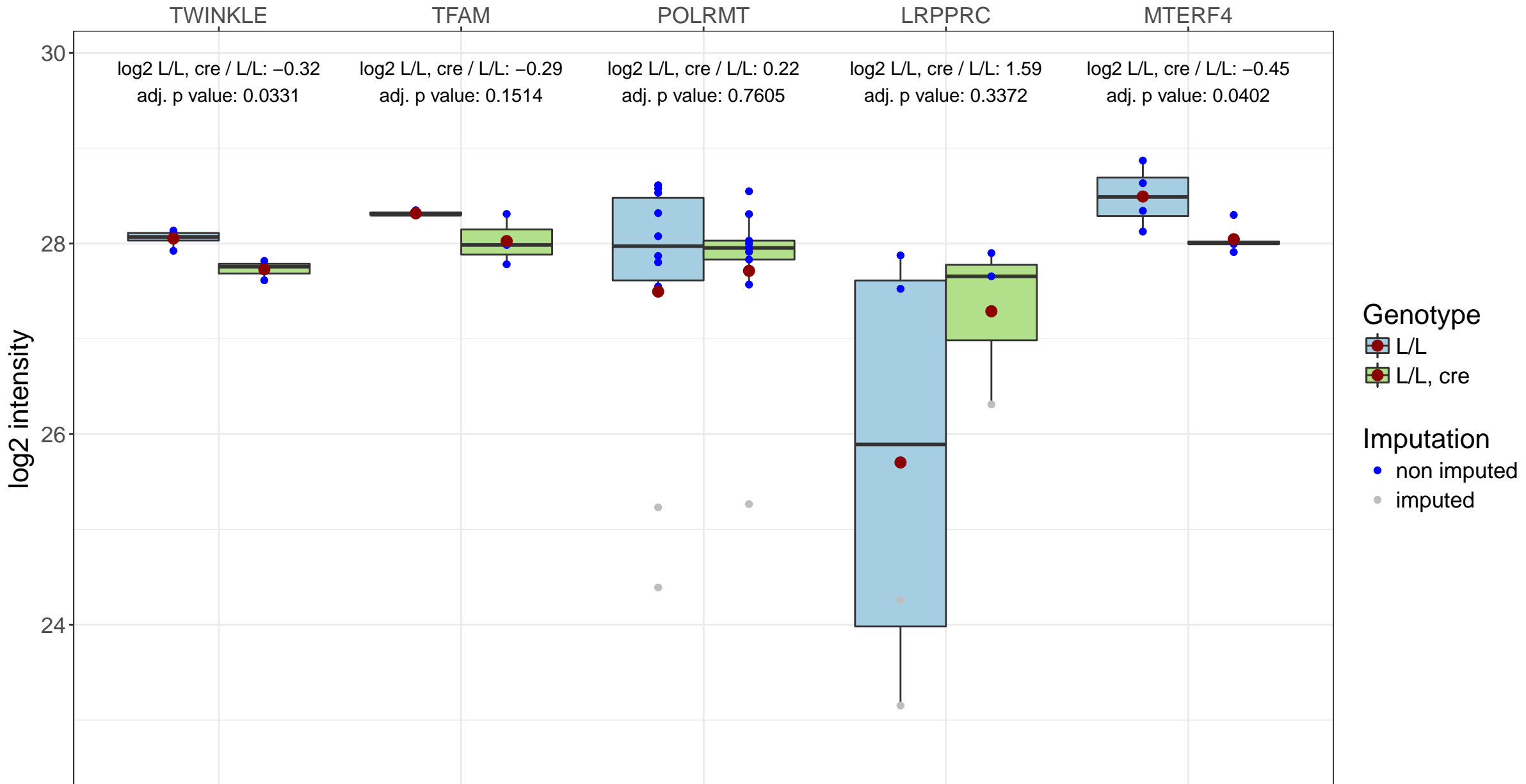
# OXA1L / Q8BGA9



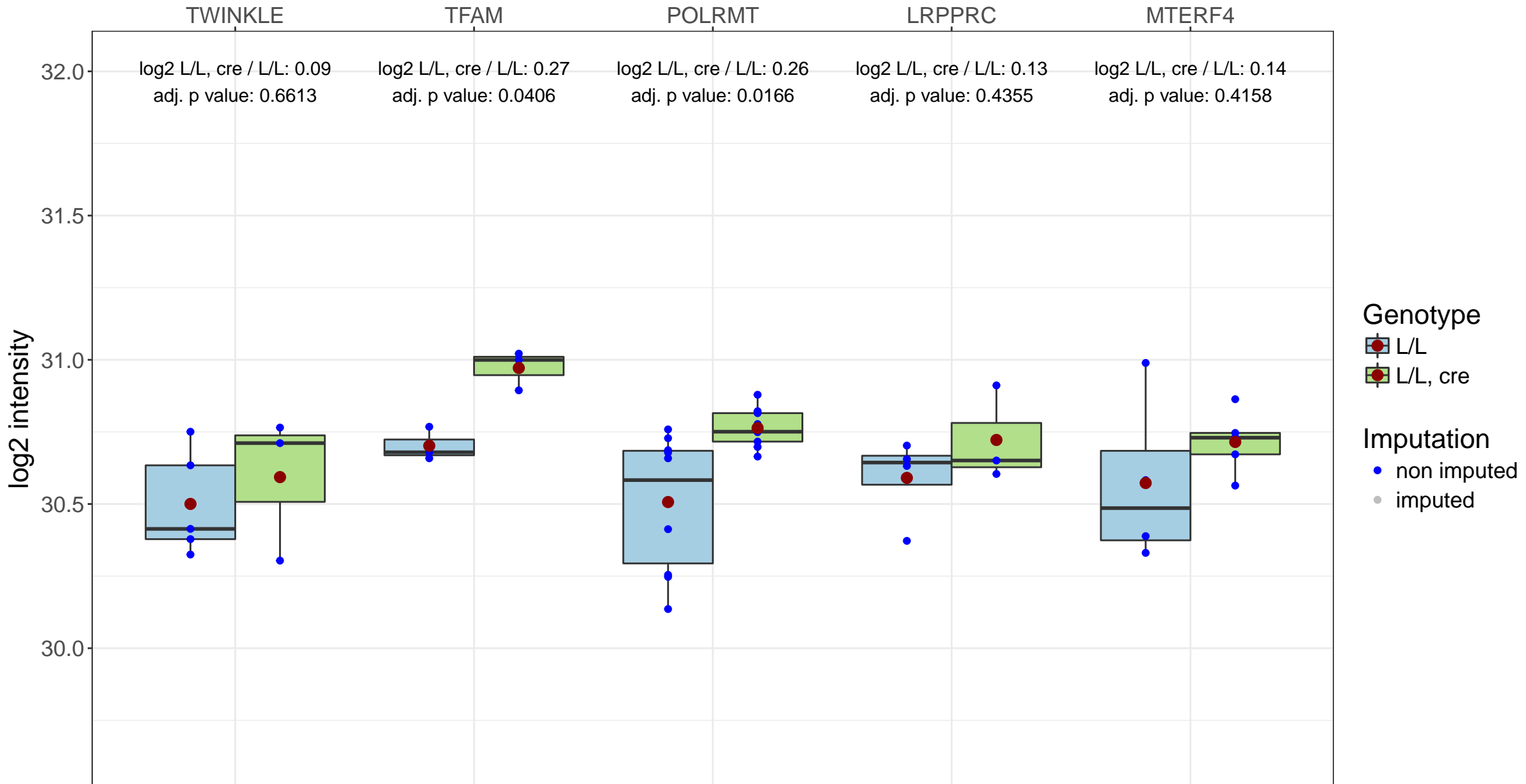
# OXCT1 / Q9D0K2



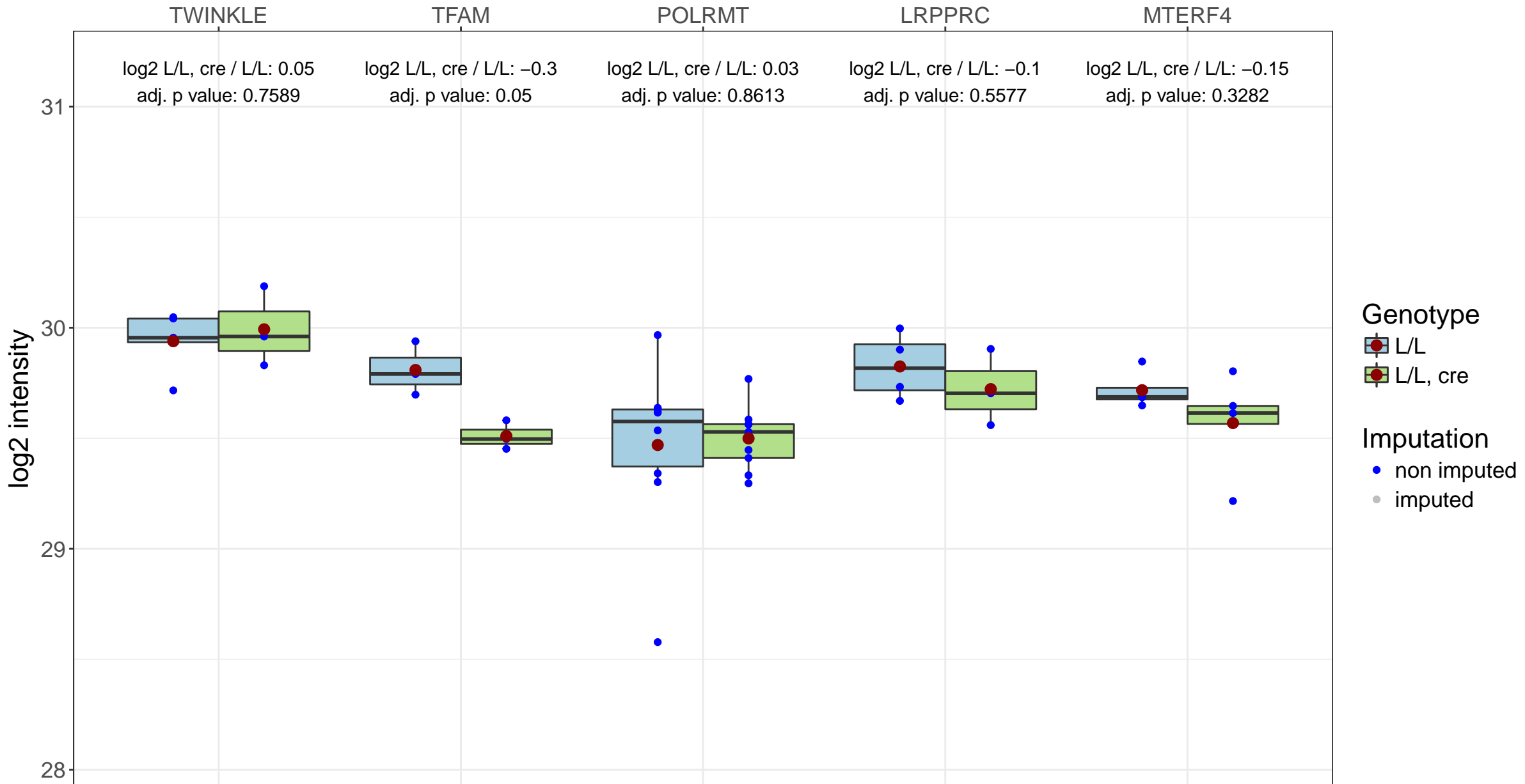
# OXLD1 / Q9CR10



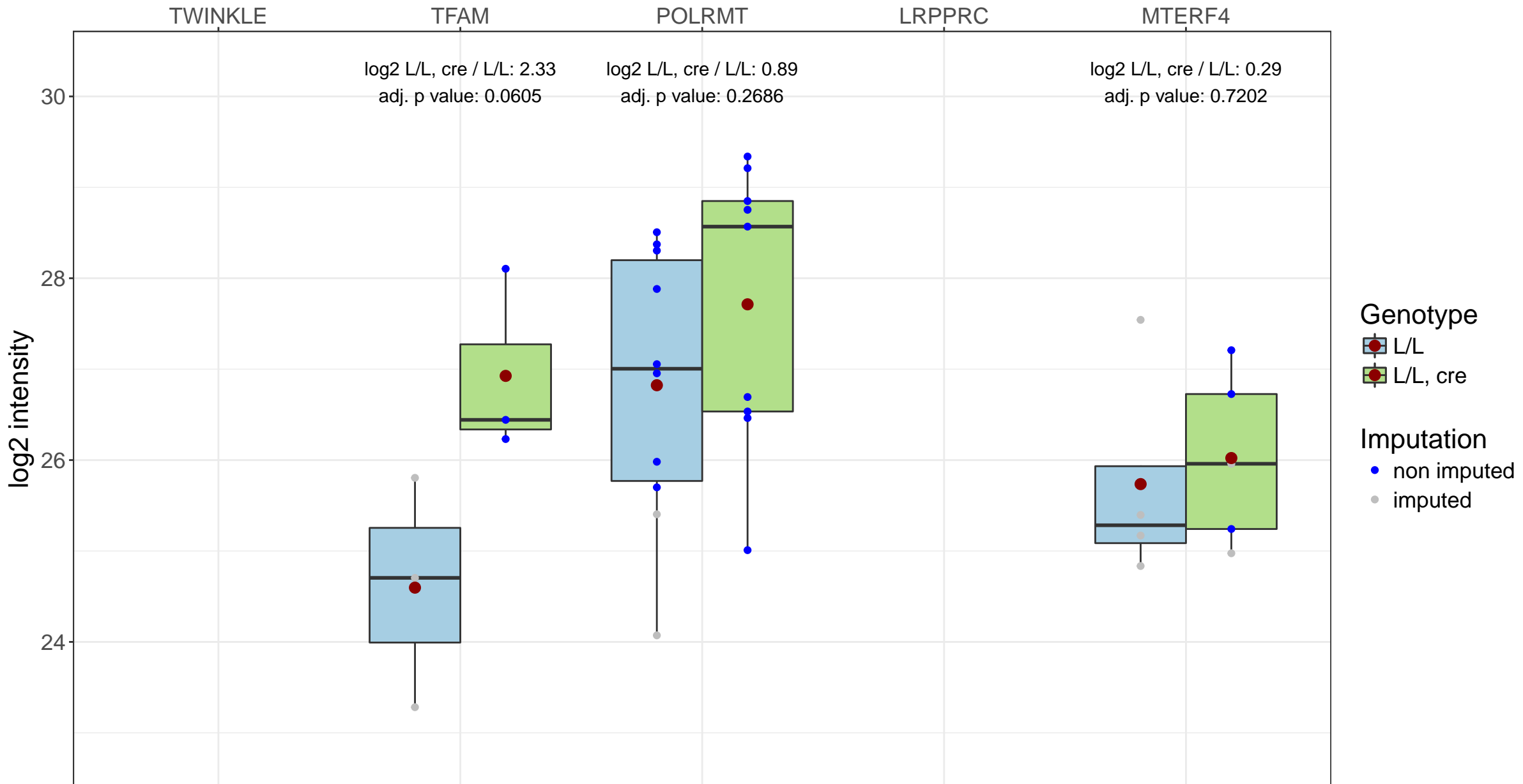
# OXNAD1 / Q8VE38-2



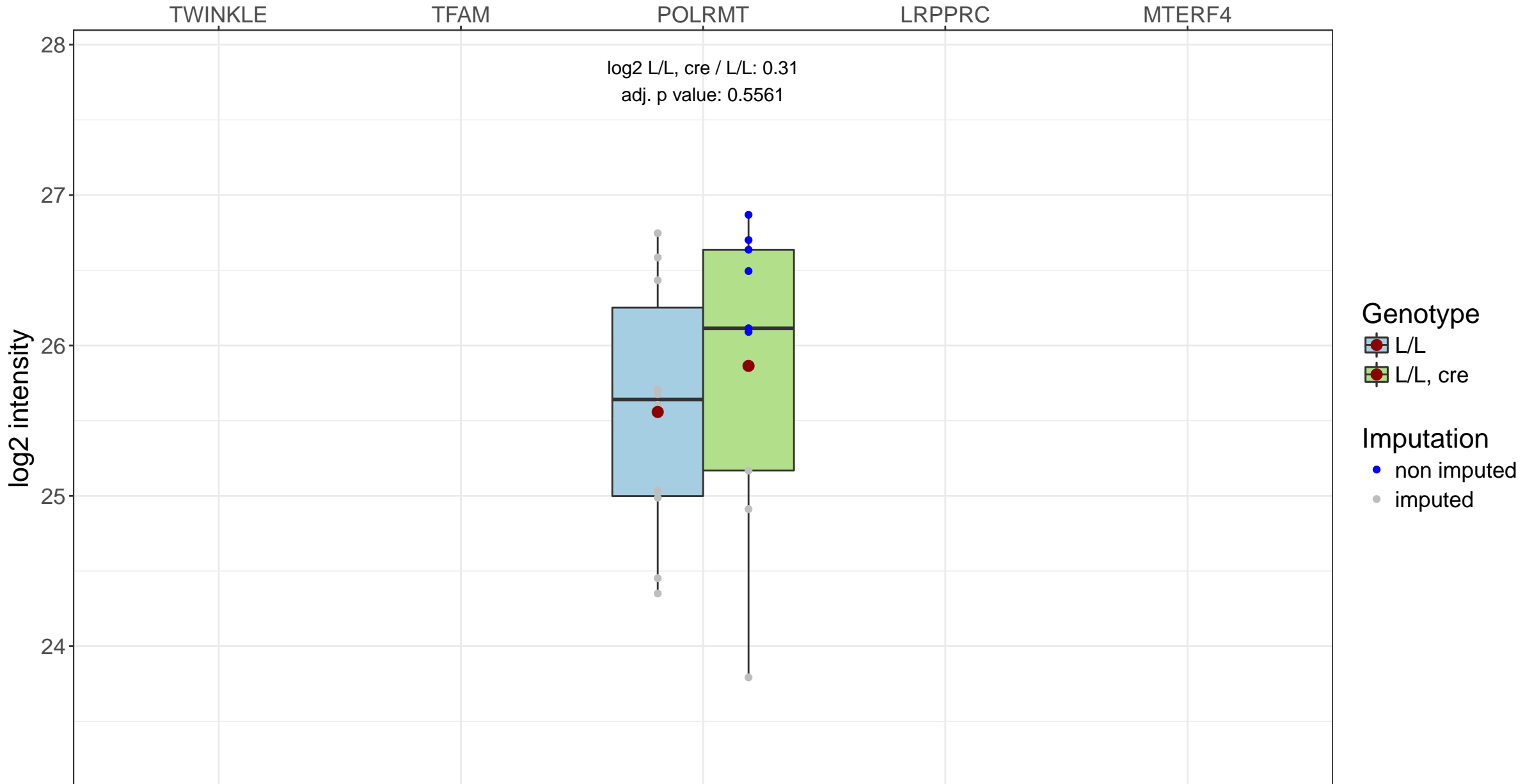
# OXSM / Q9D404



# P4HB / P09103

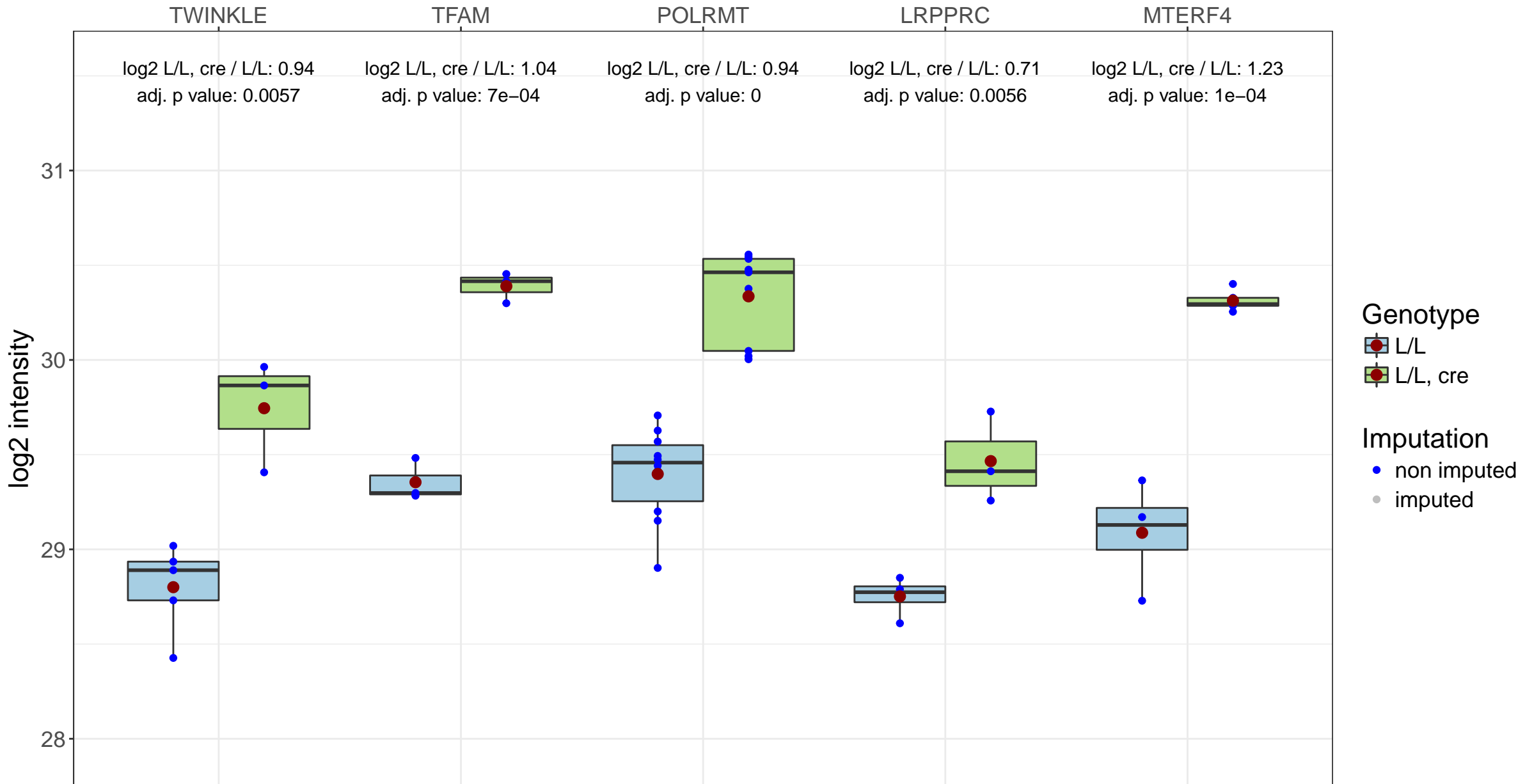


# PA2G4 / P50580

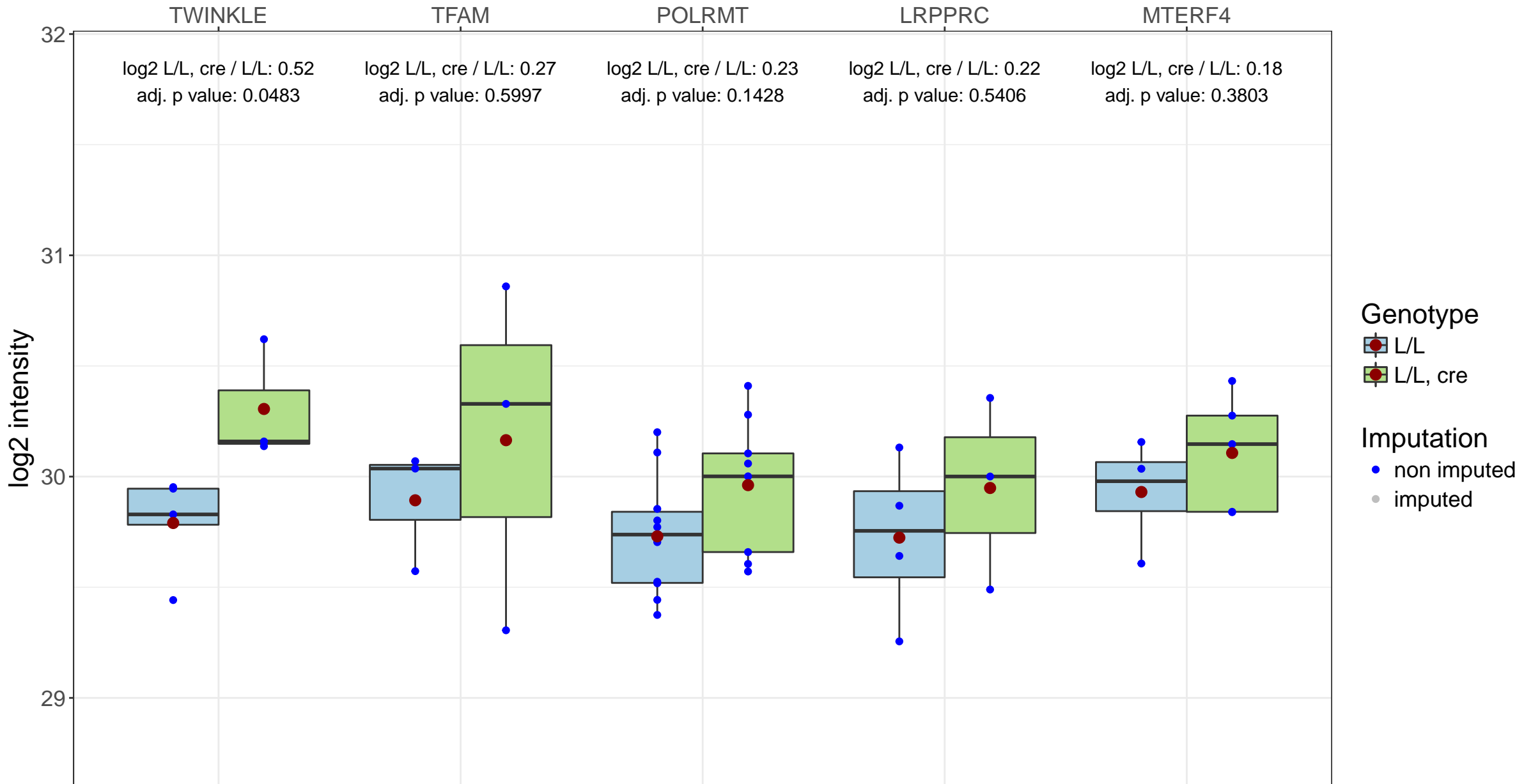




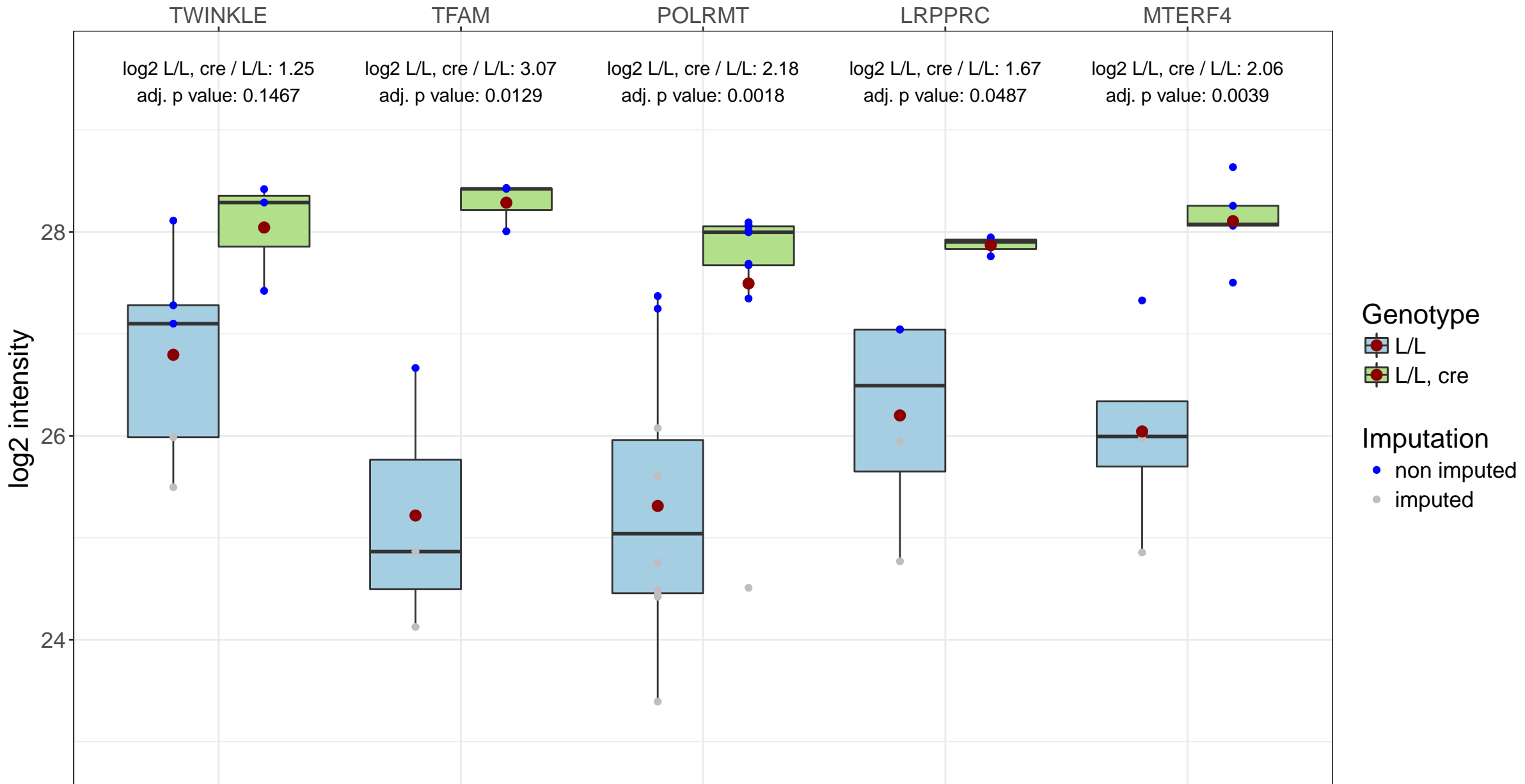
# PAM16 / Q9CQV1



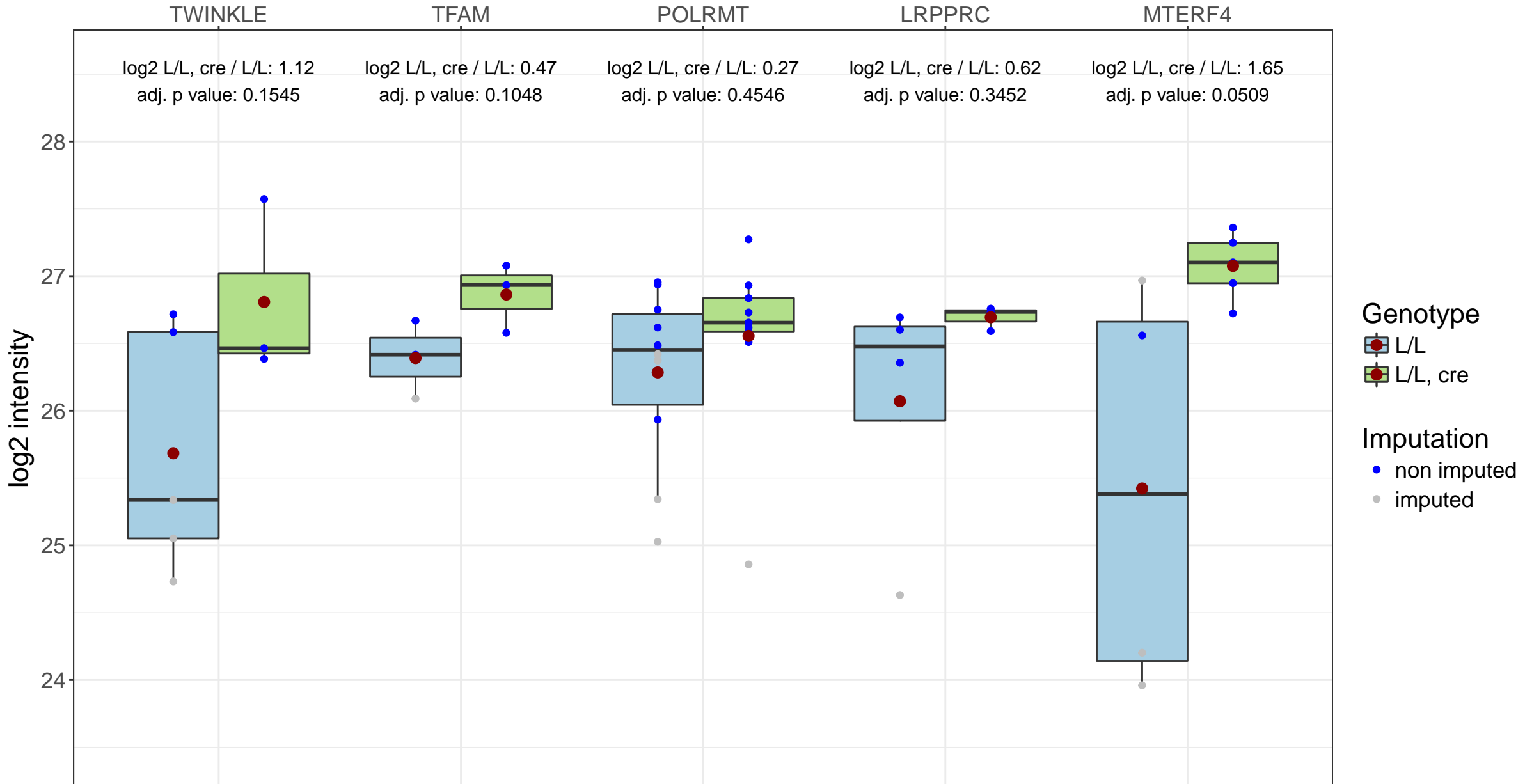
# PARK7 / Q99LX0



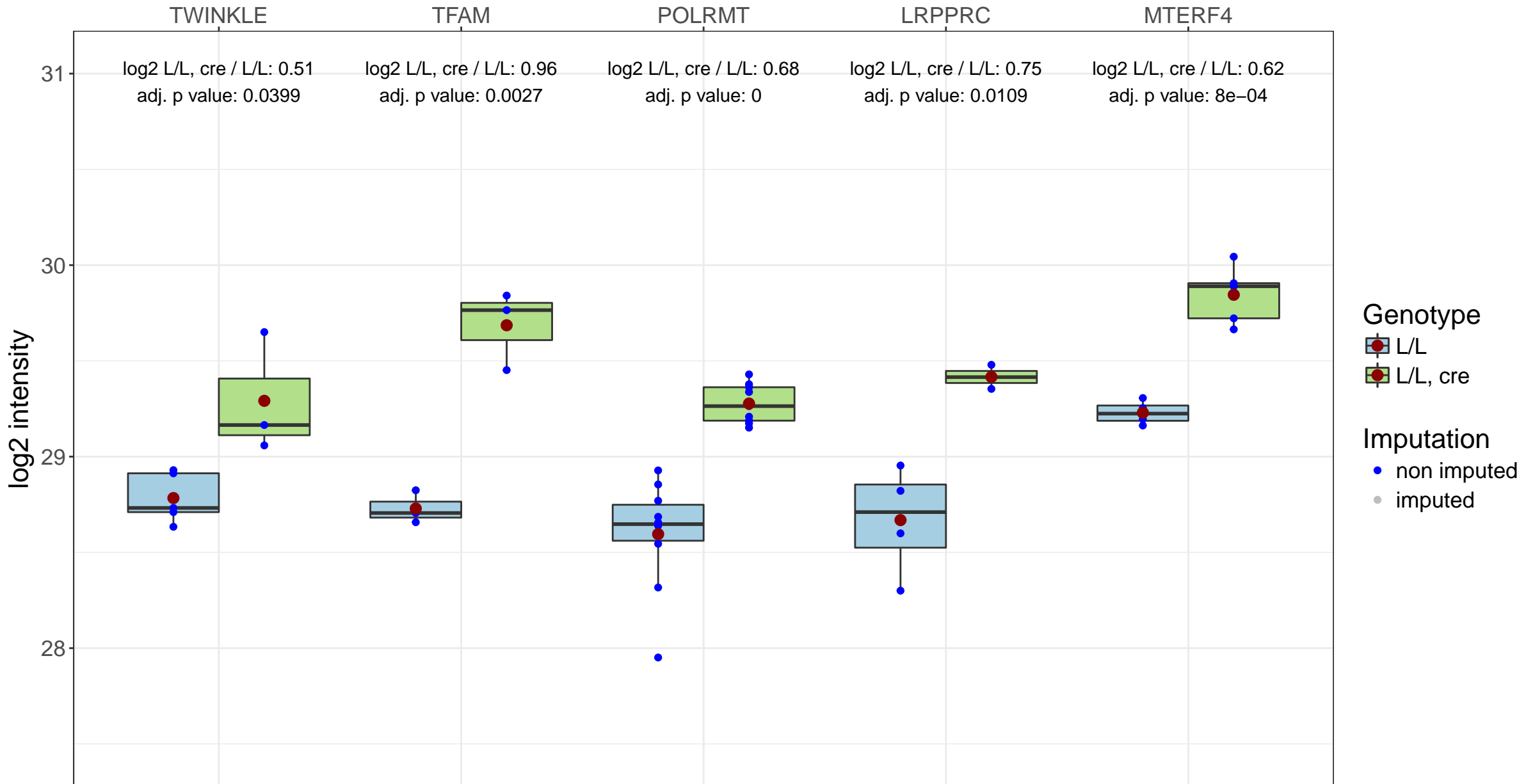
# PARL / Q5XJY4



# PARS2 / A8Y5T6



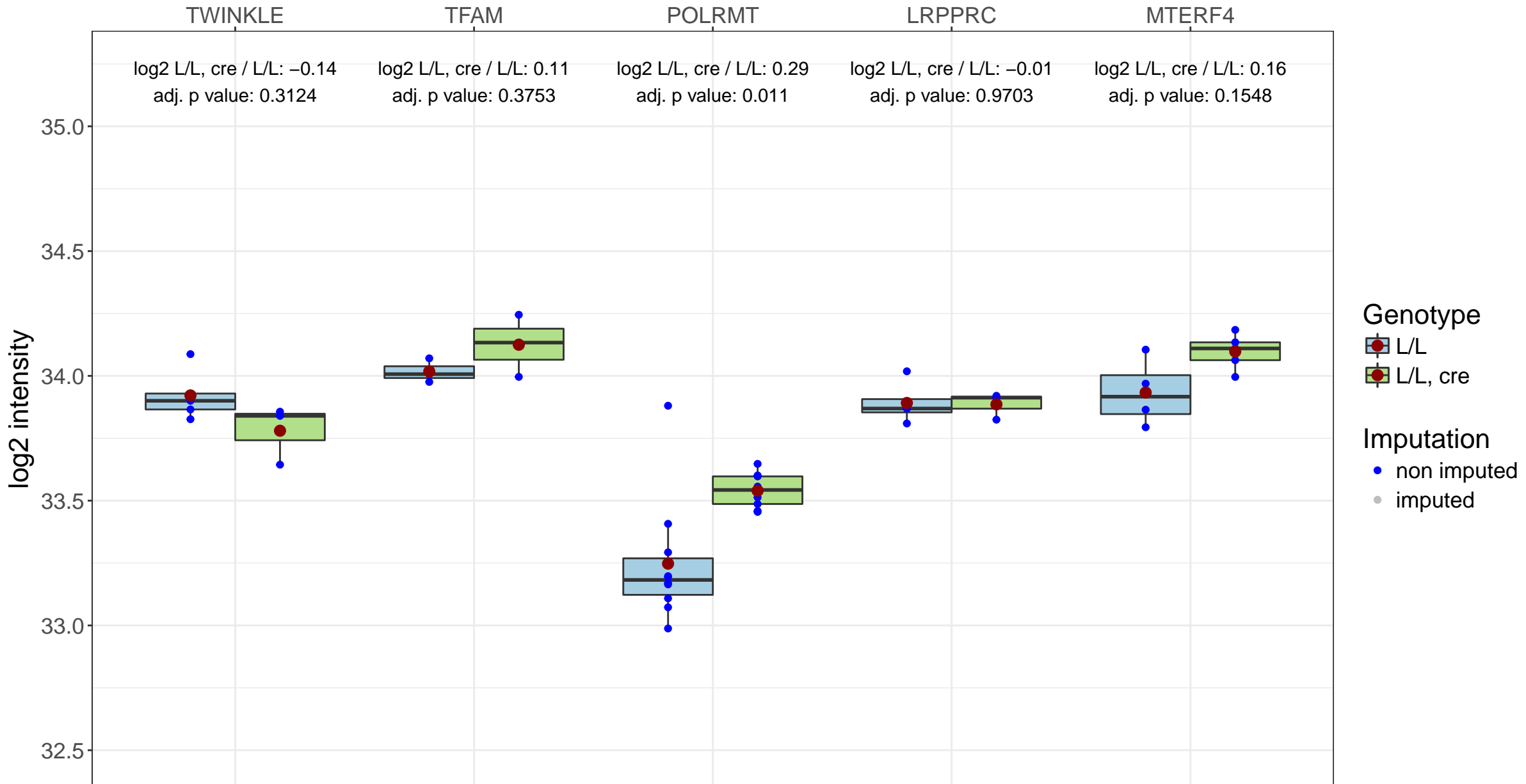
# PCBD2 / Q9CZL5



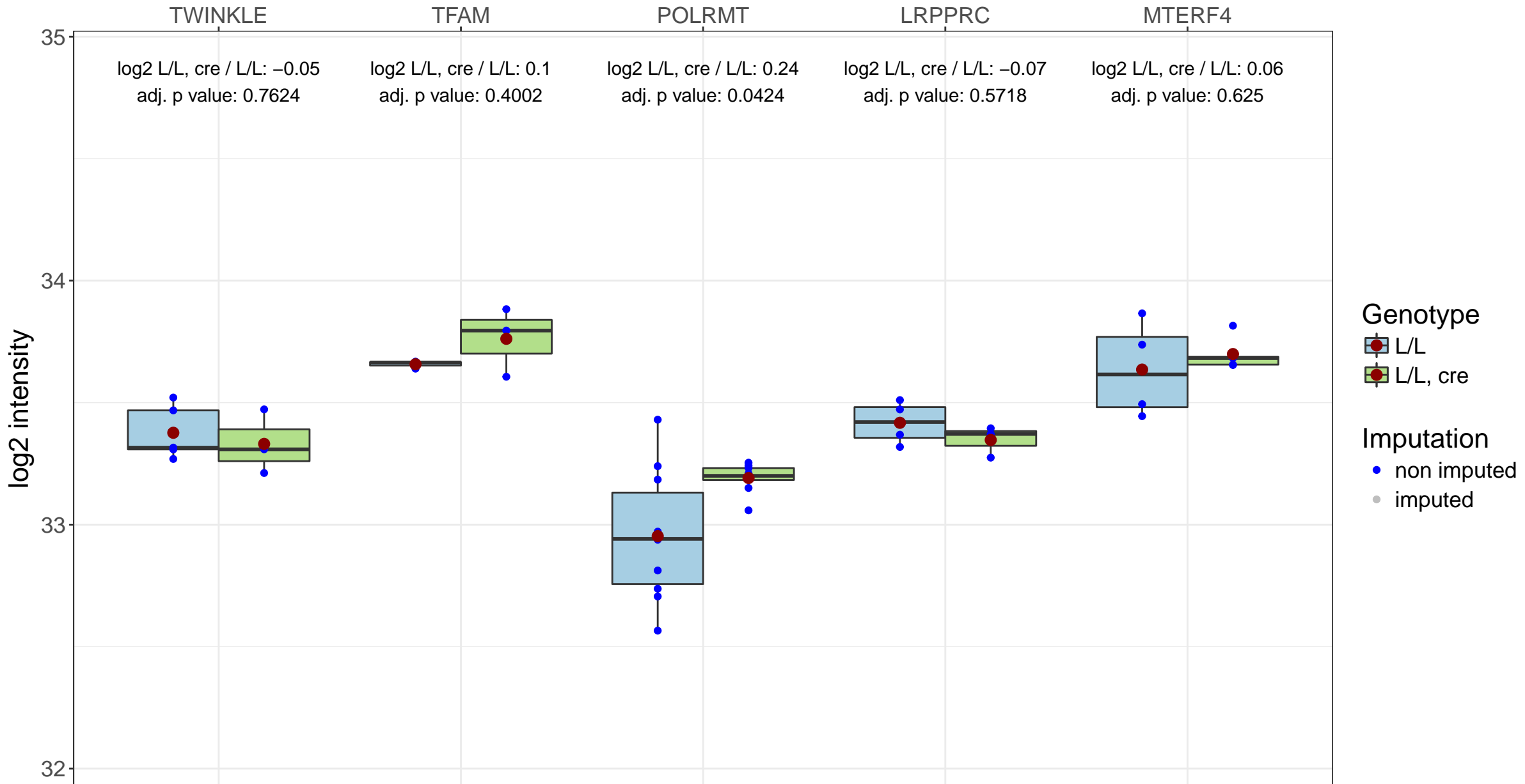
# PCBP1 / P60335



# PCCA / Q91ZA3

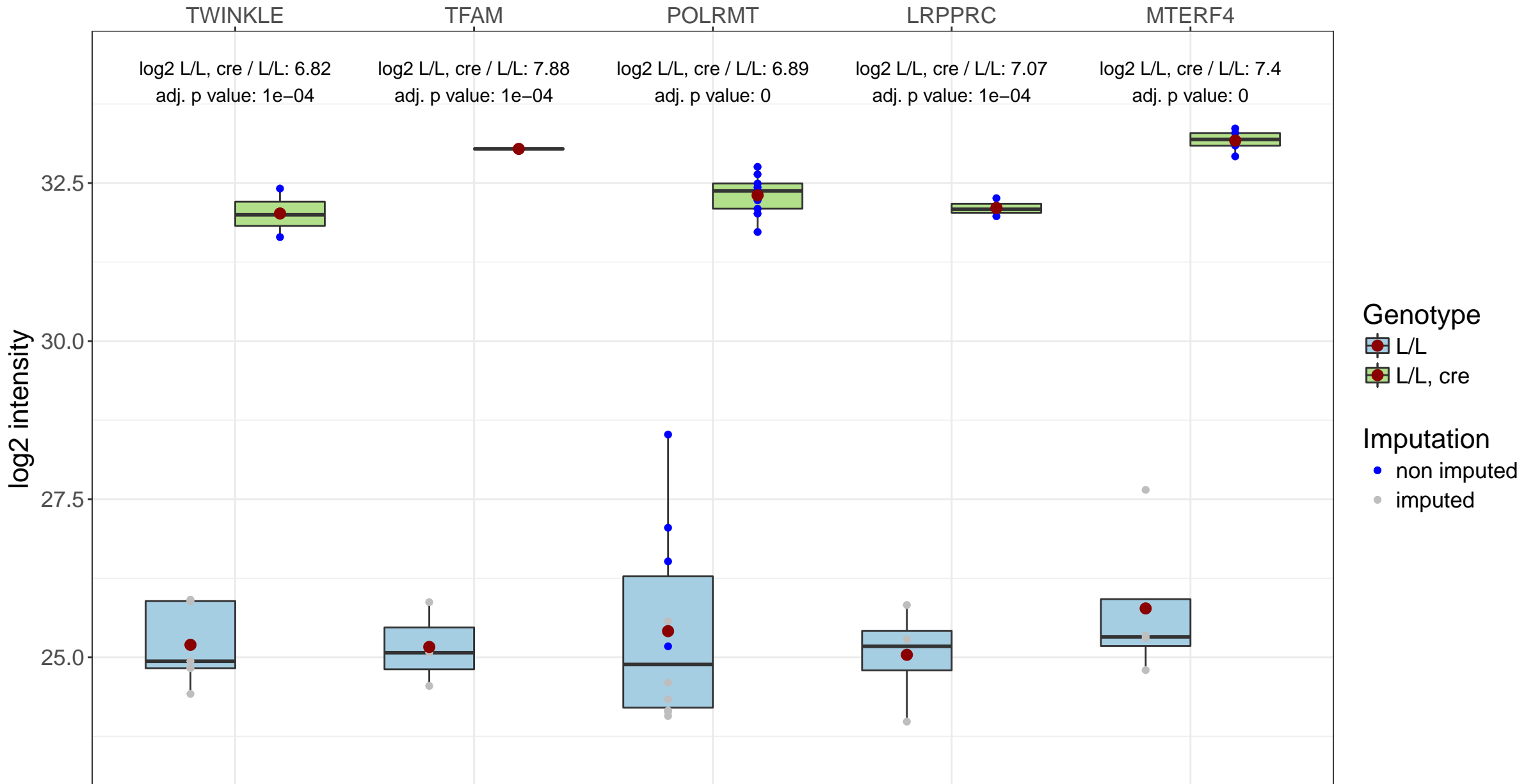


# PCCB / Q99MN9

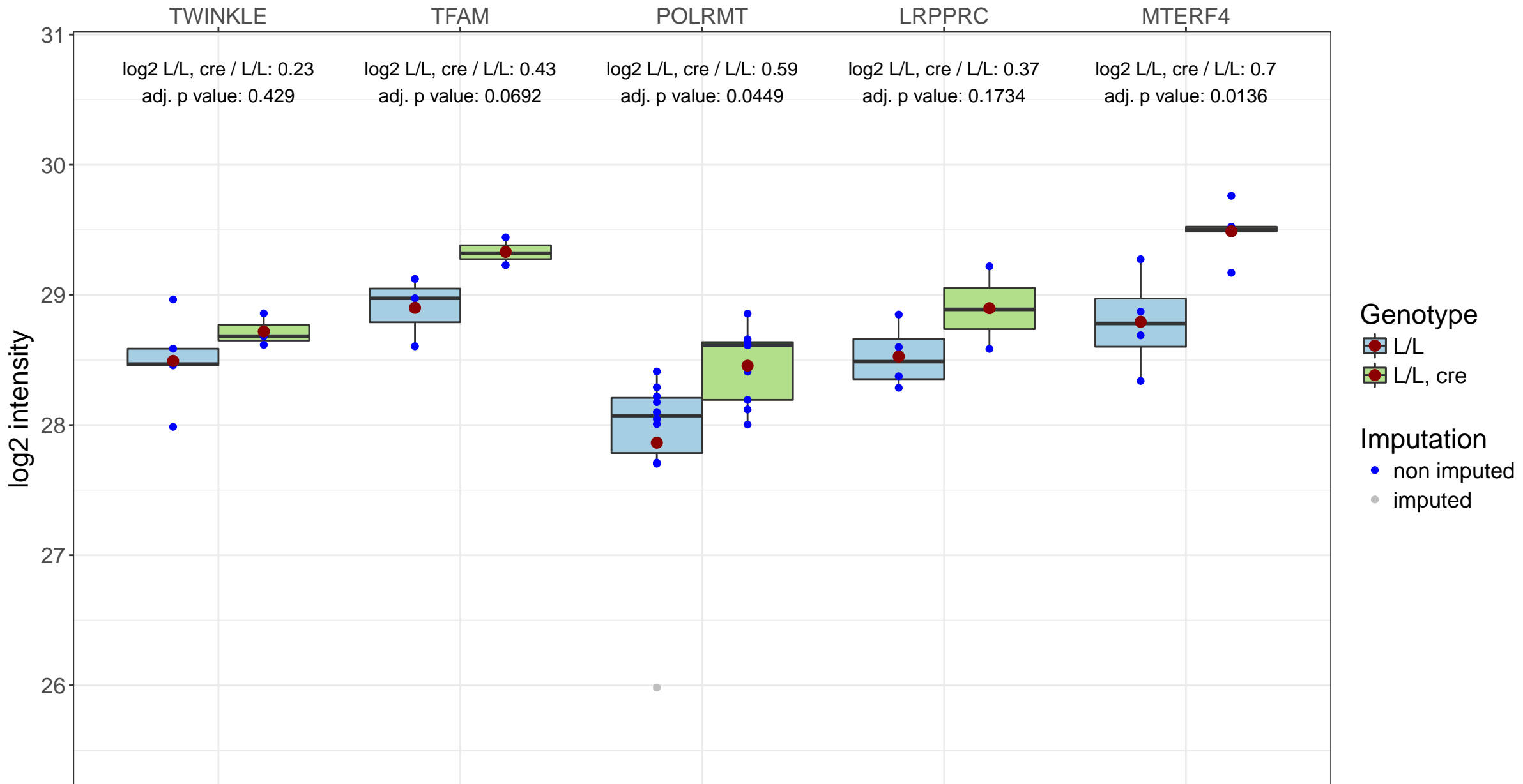




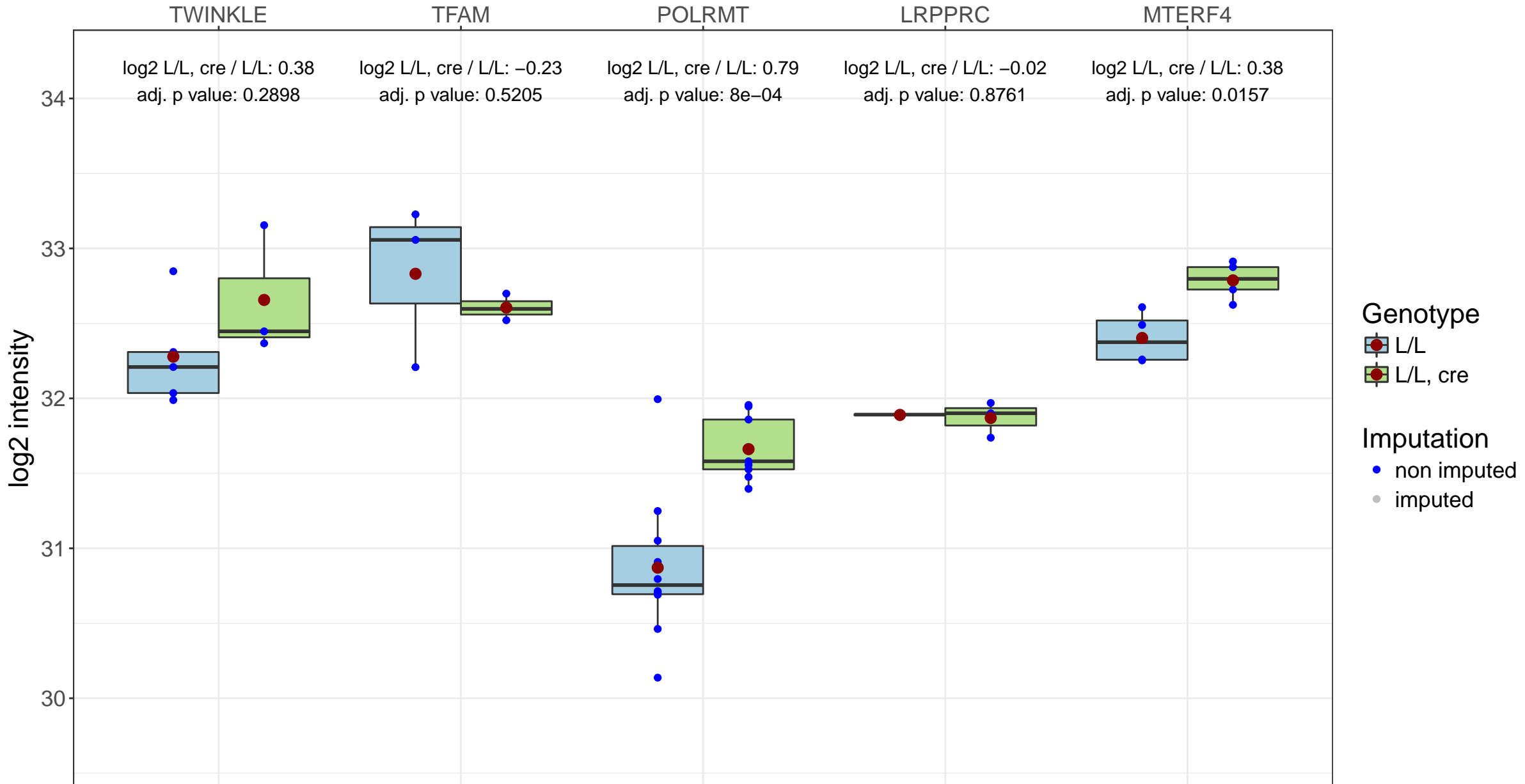
# PCK2 / Q8BH04



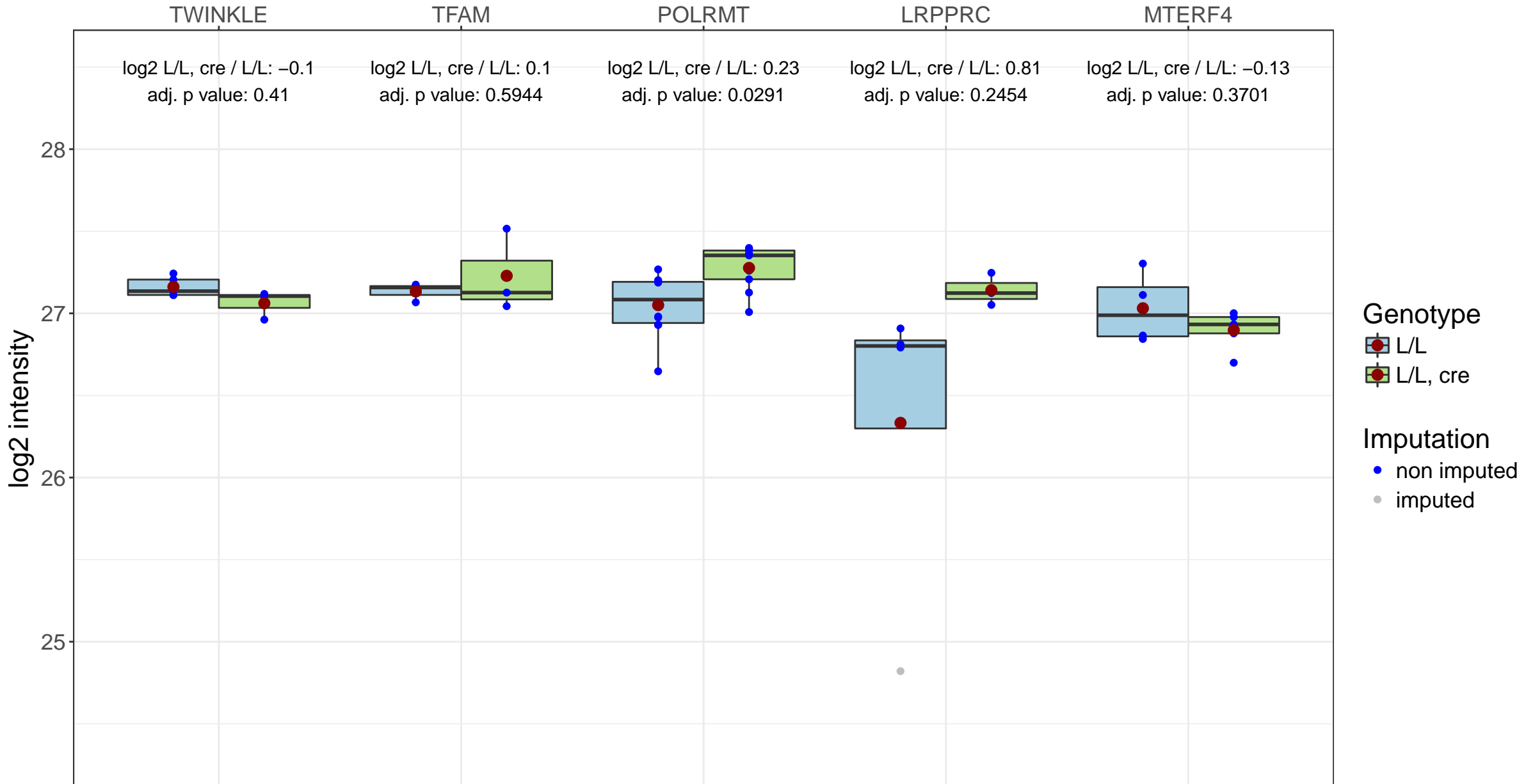
# PCMT1 / F7D432



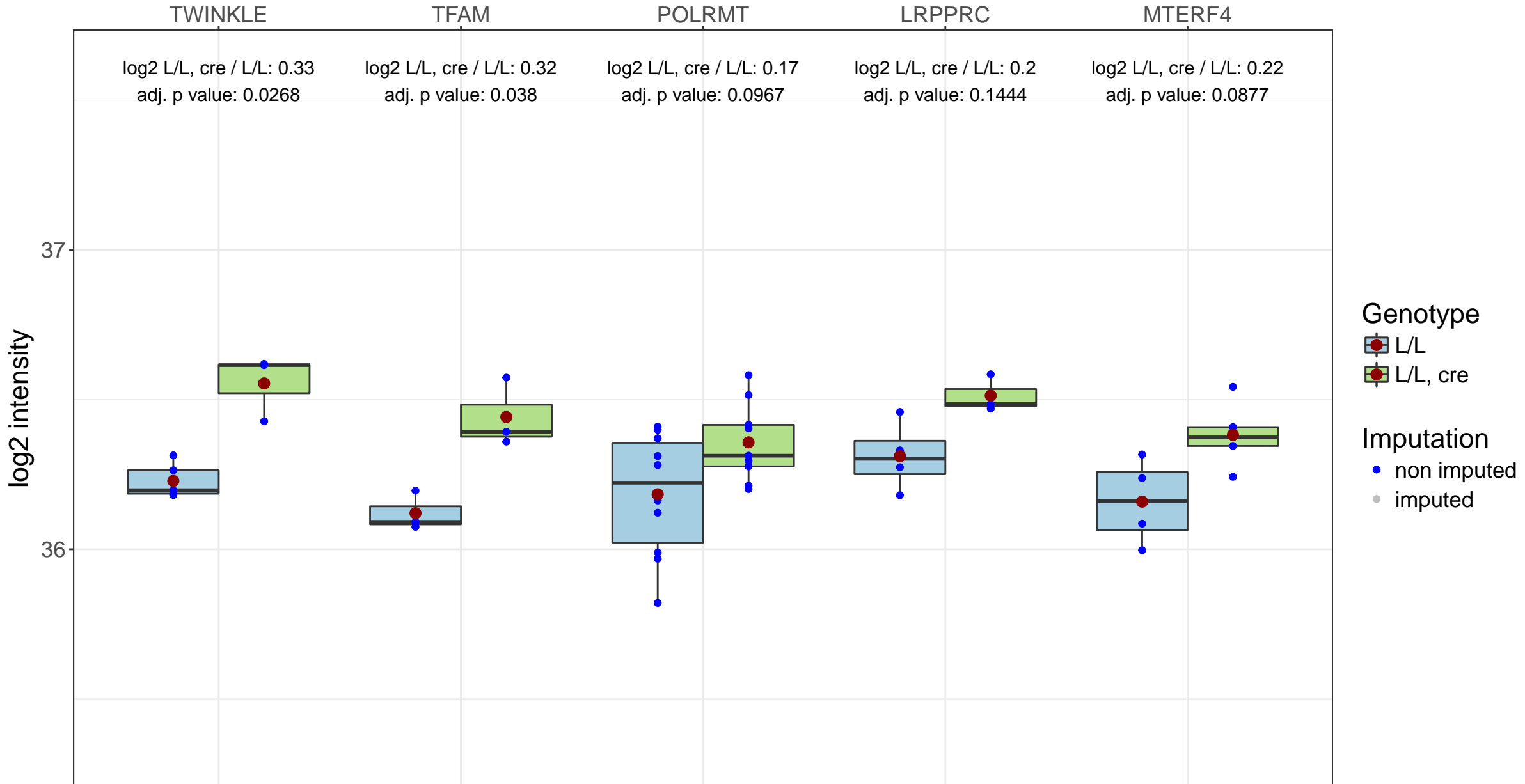
# PCX / G5E8R3



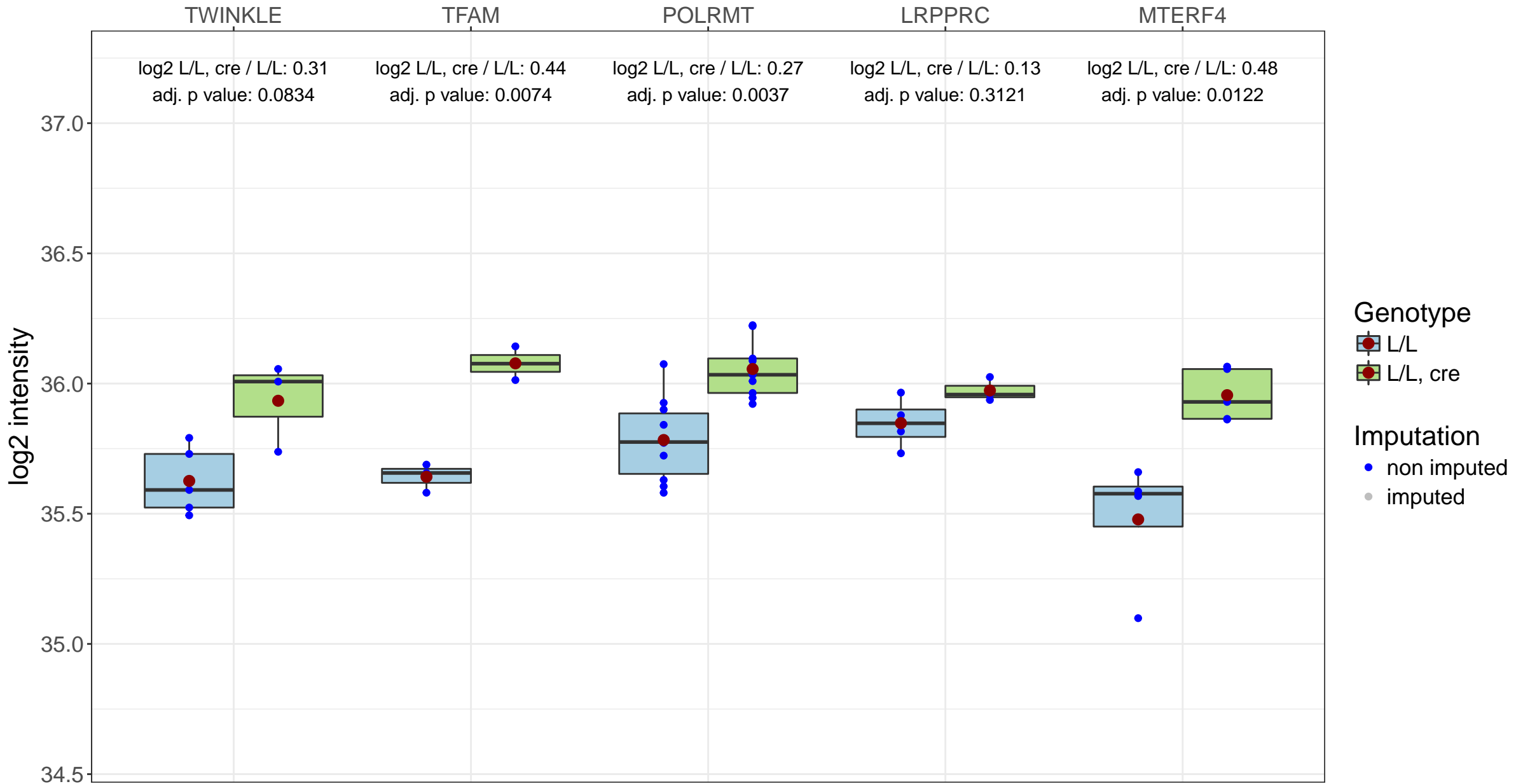
# PDF / S4R2K0



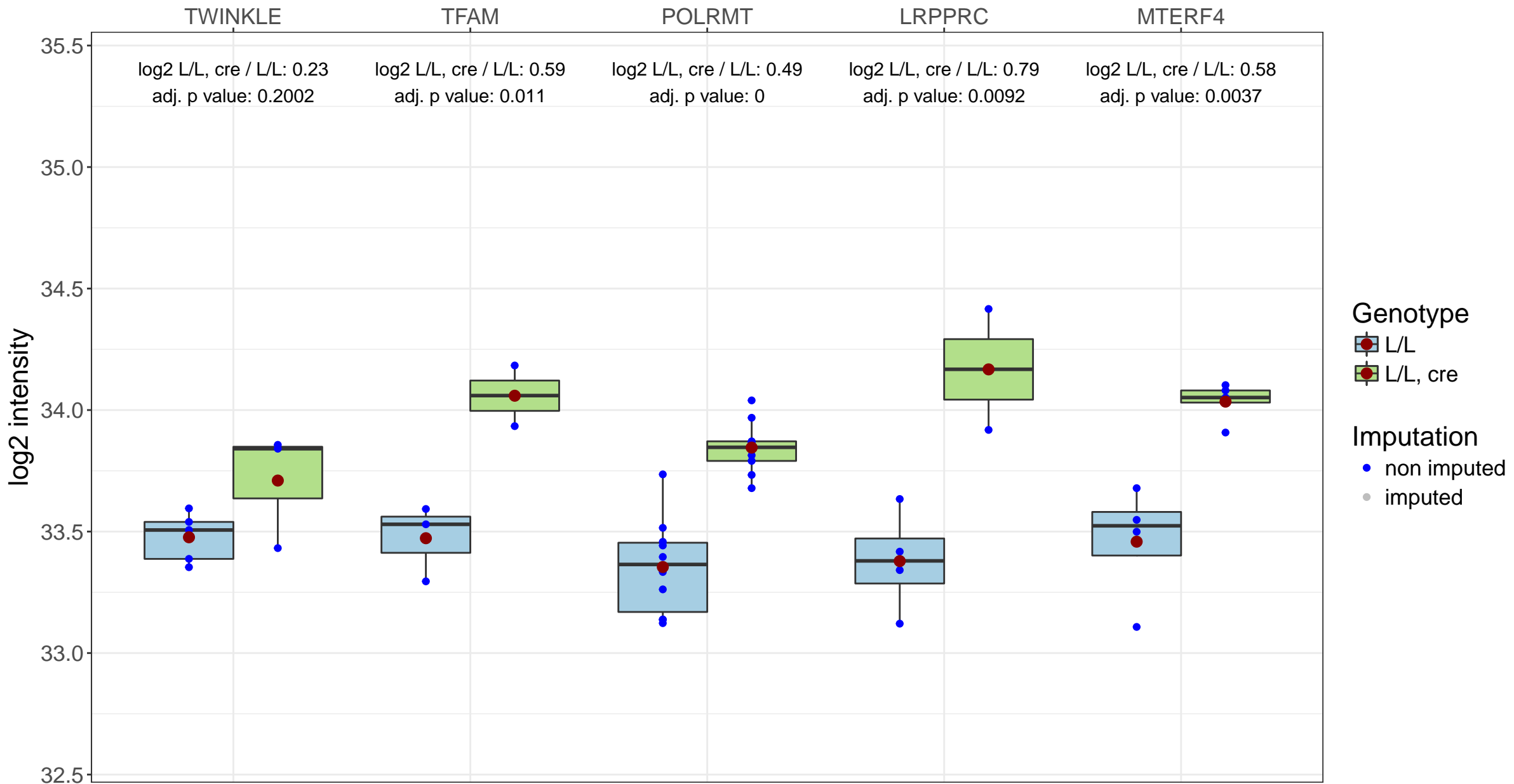
# PDHA1 / P35486



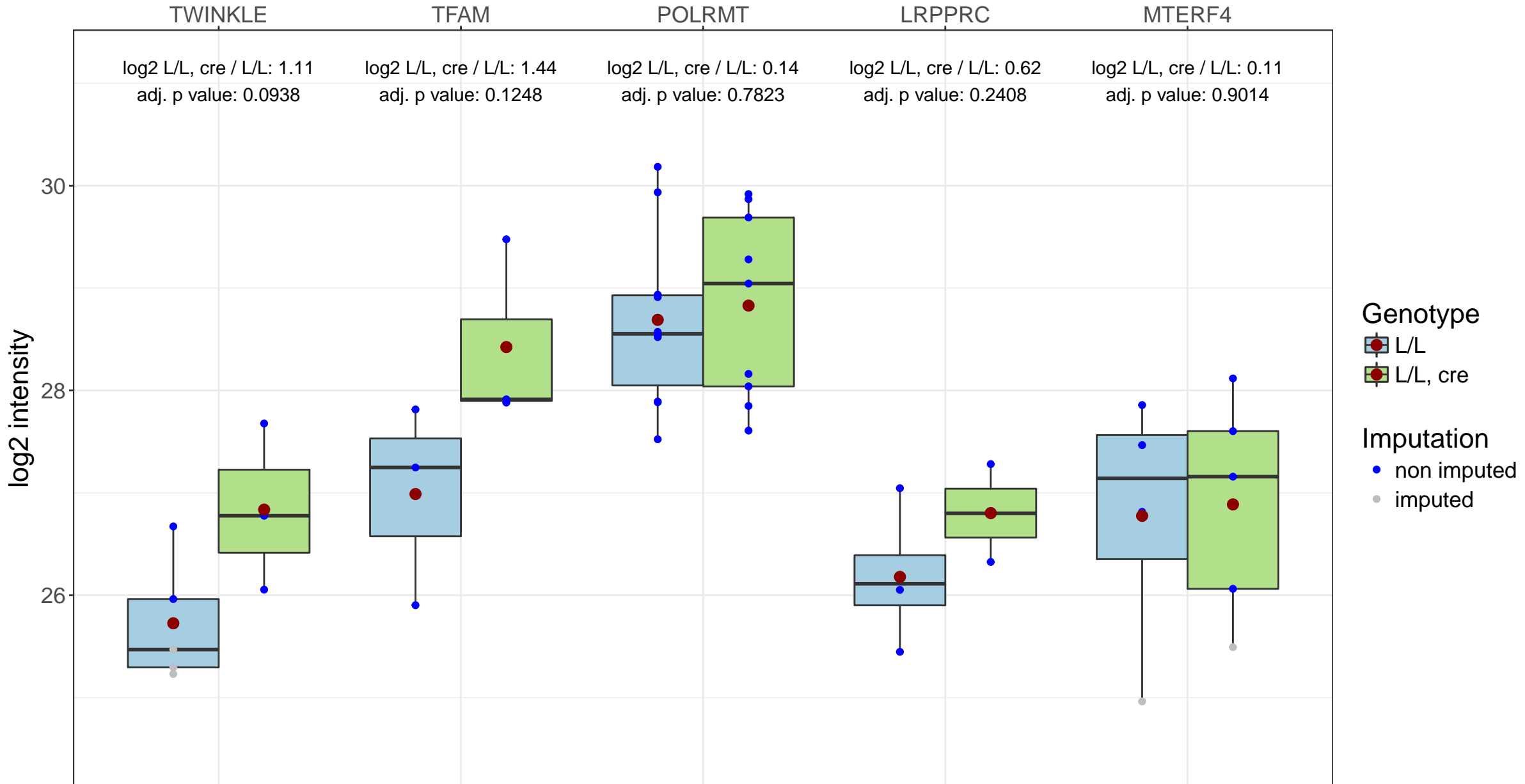
# PDHB / Q9D051



# PDHX / Q8BKZ9

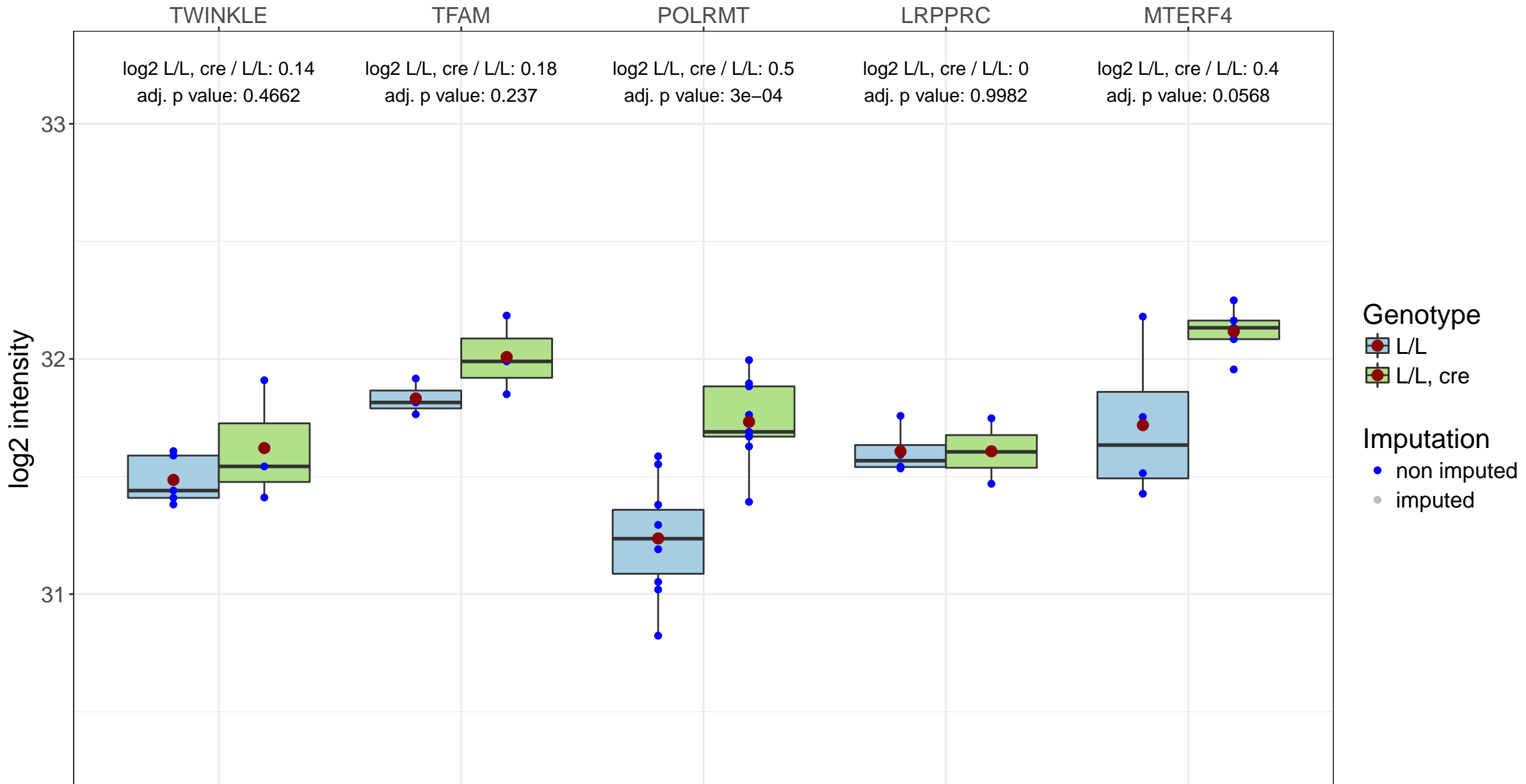


# PDIA3 / P27773

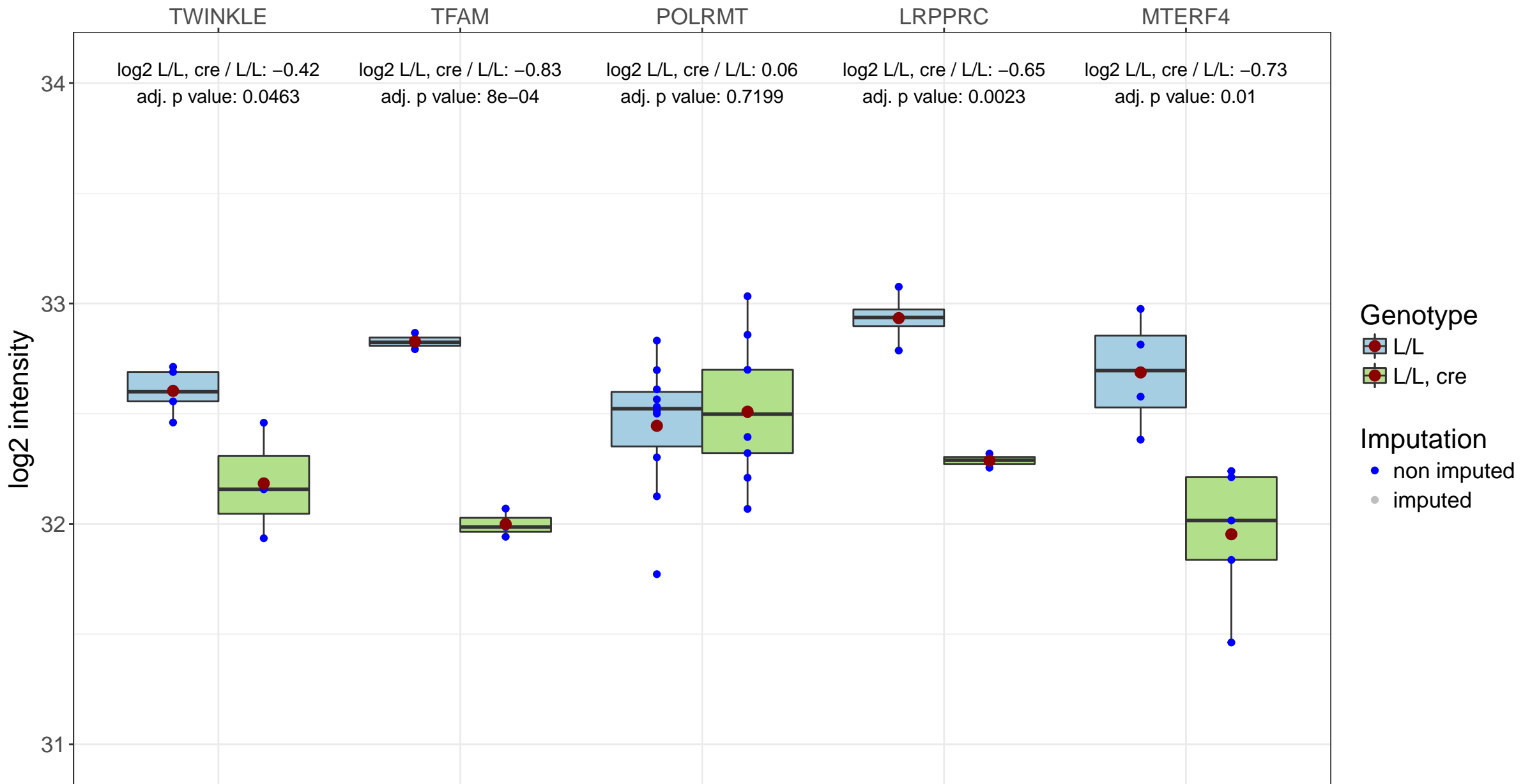




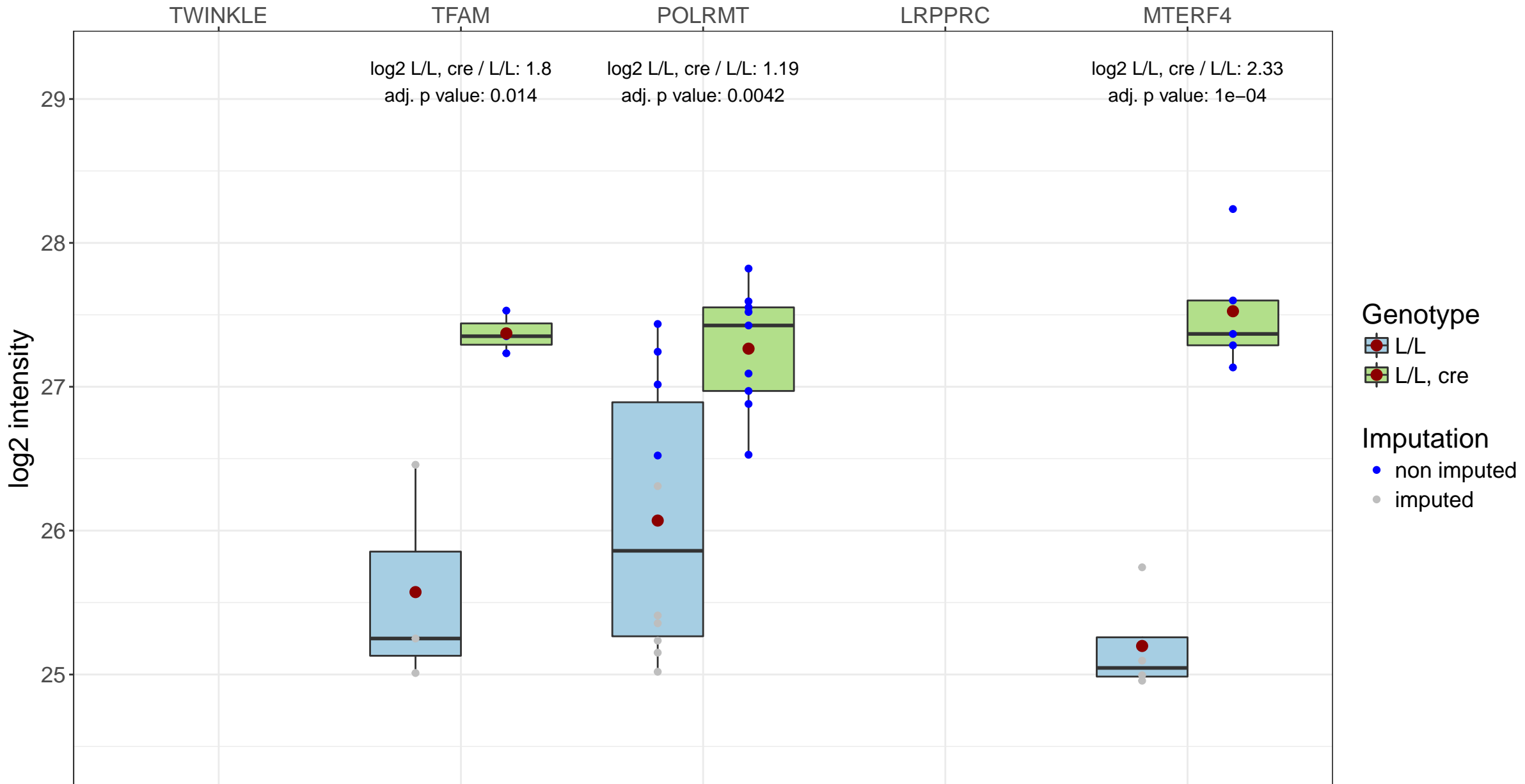
# PDK1 / Q8BFP9



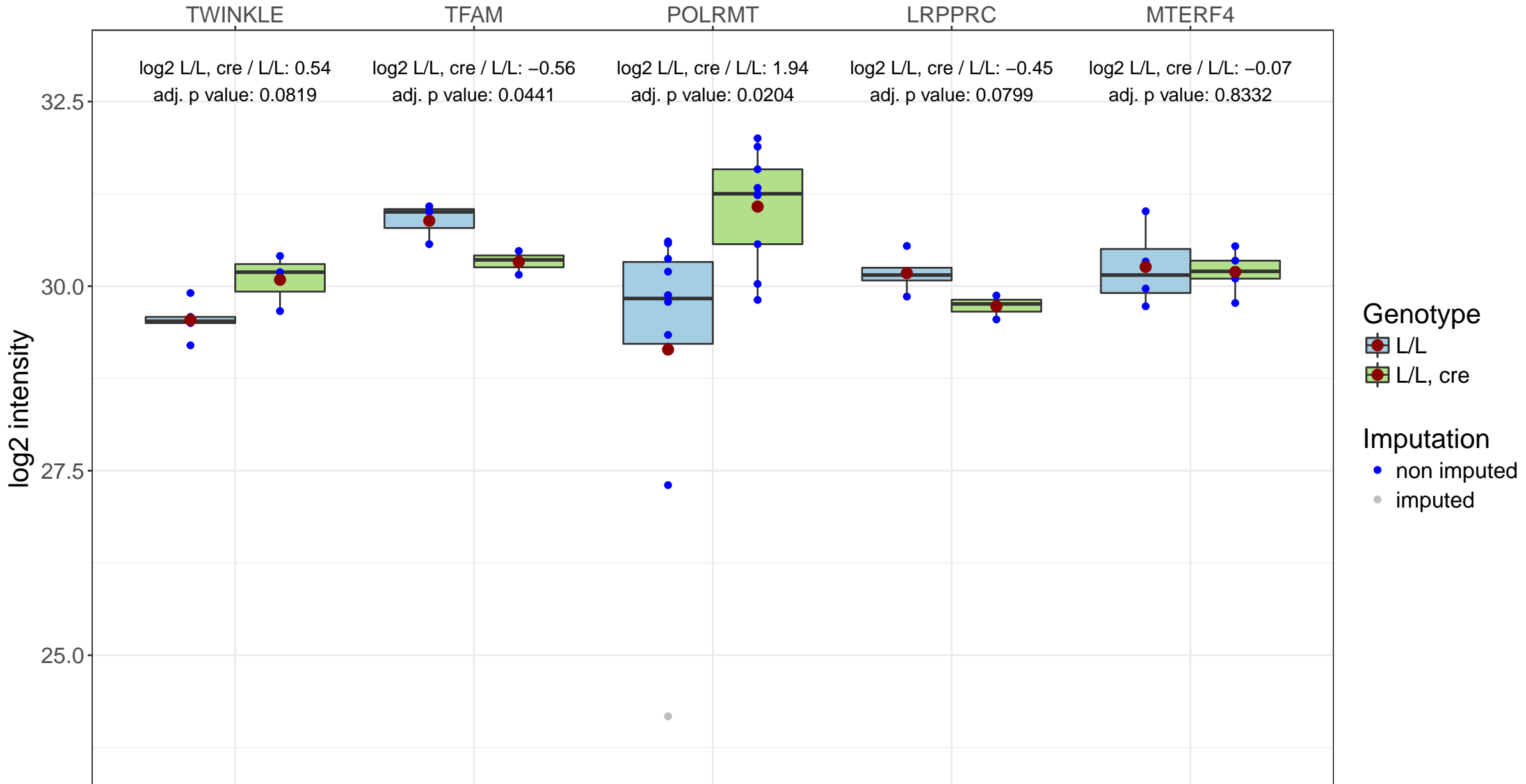
# PDK2 / Q9JK42



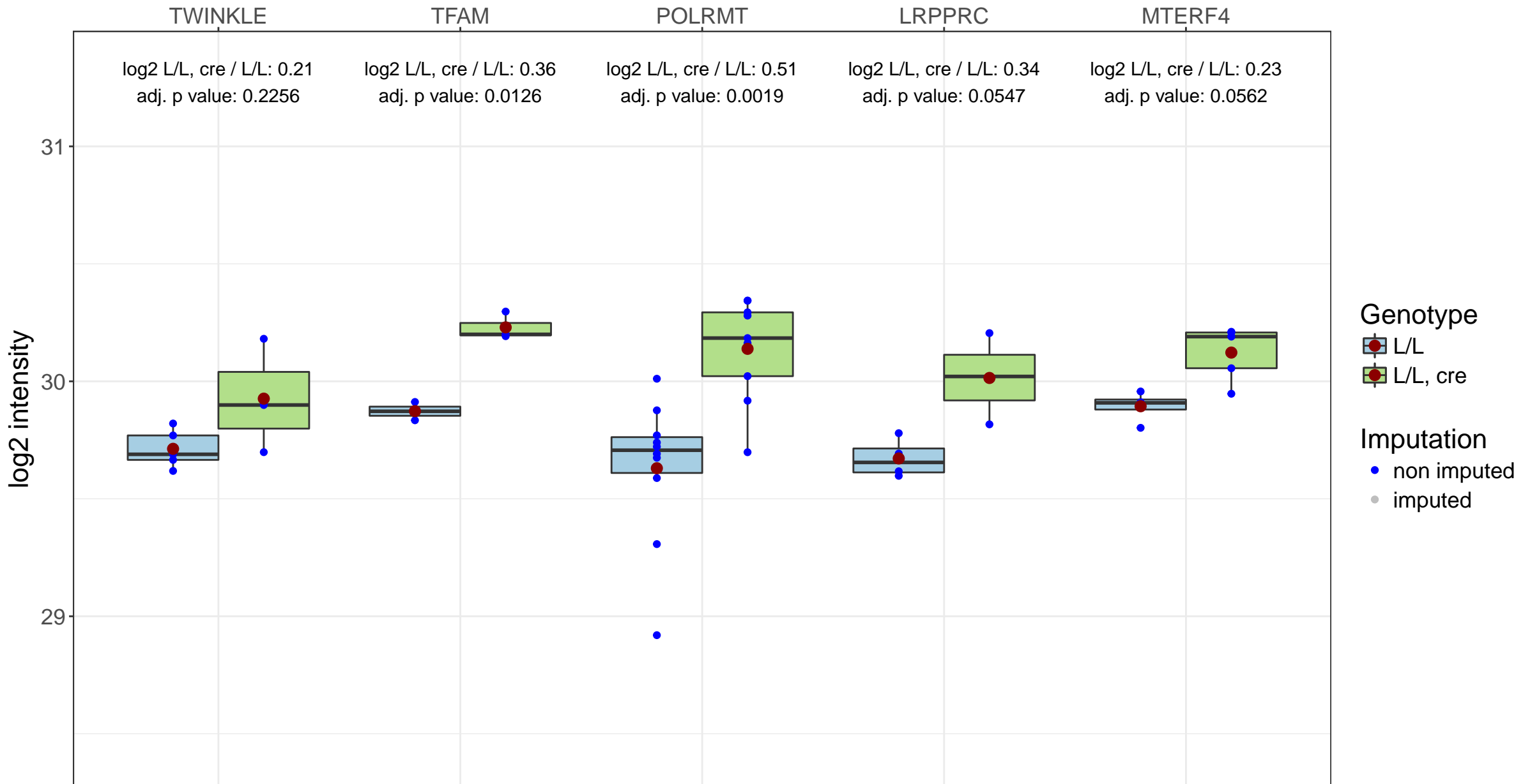
# PDK3 / Q922H2



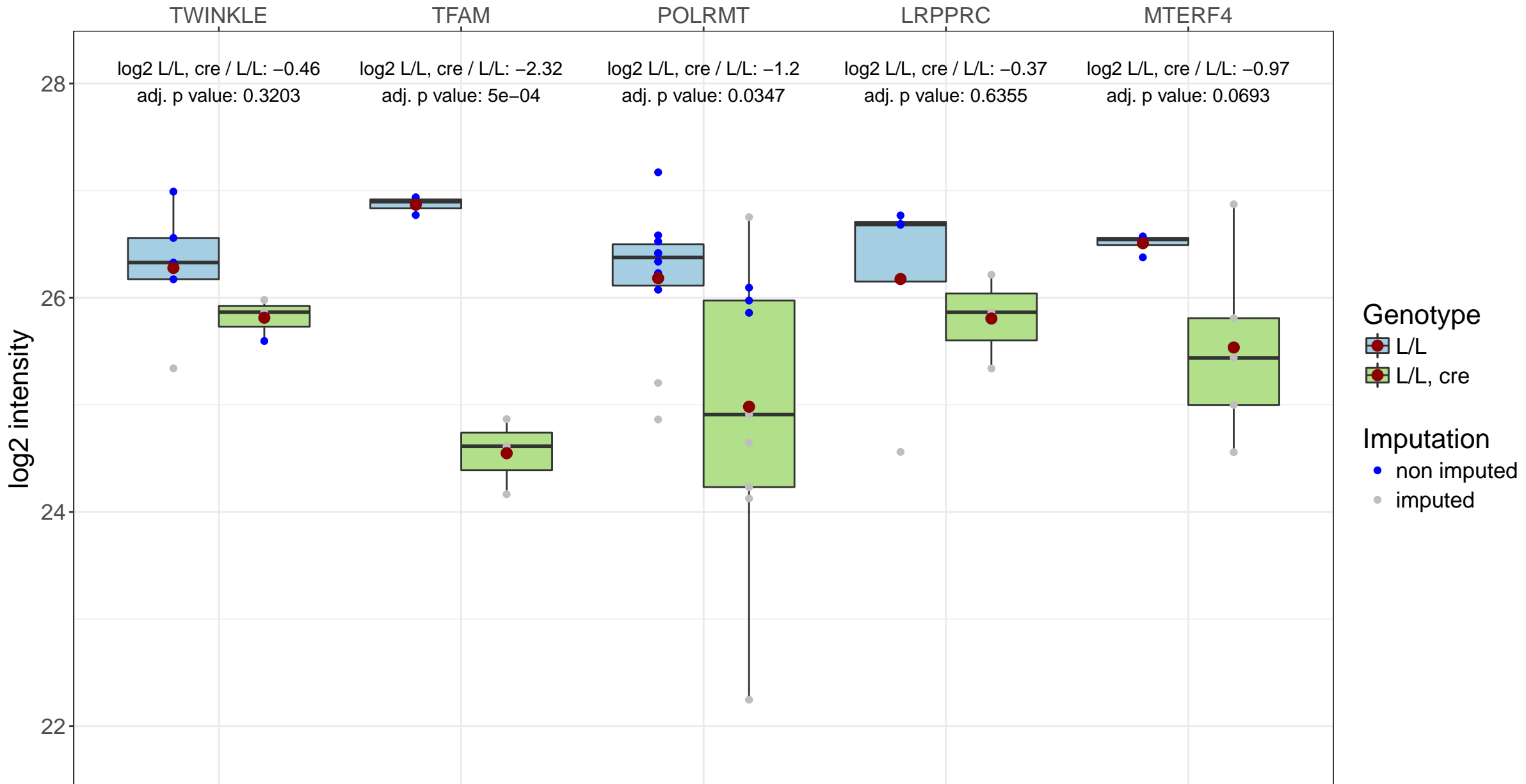
# PDK4 / O70571



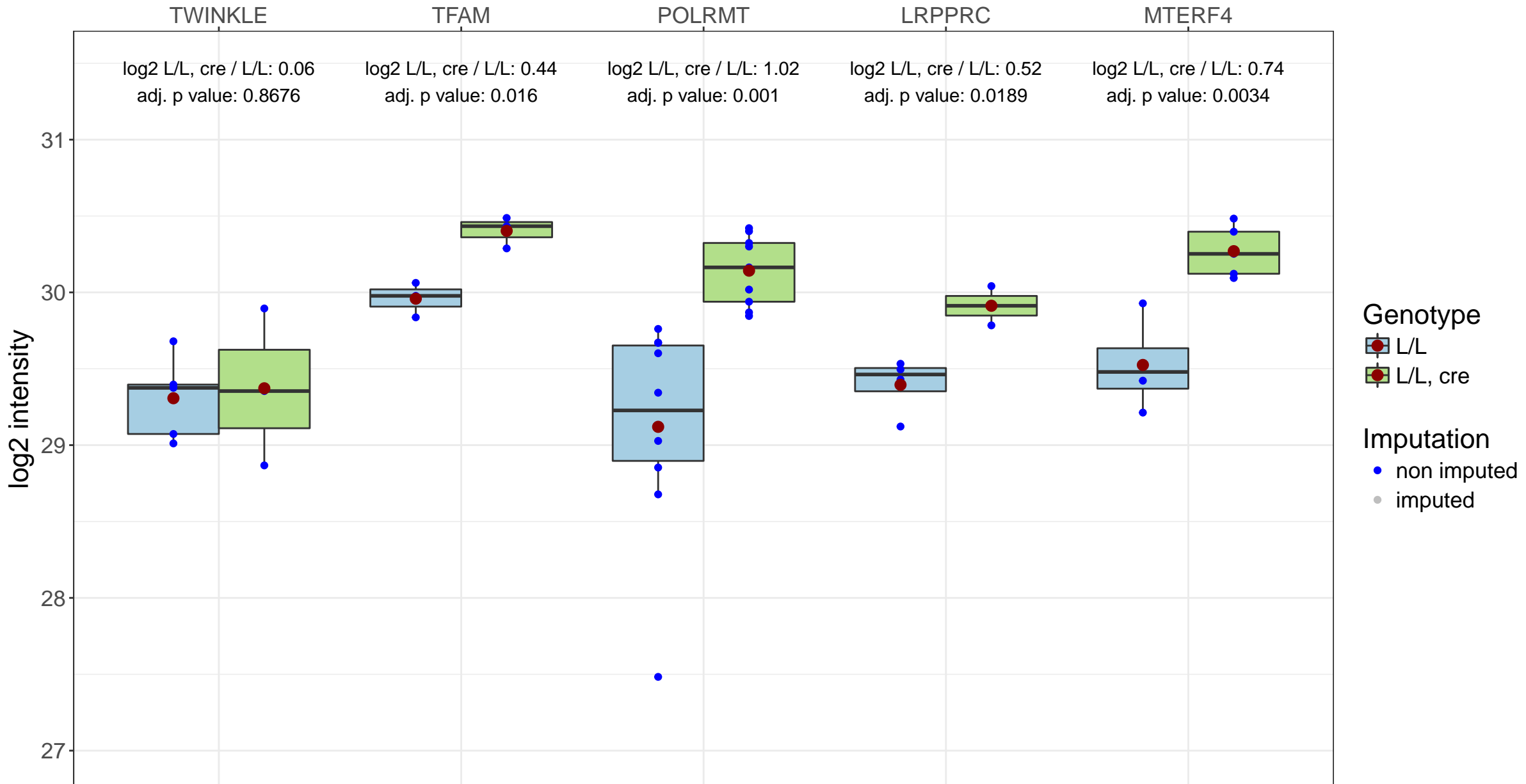
# PDP1 / A2AJP9



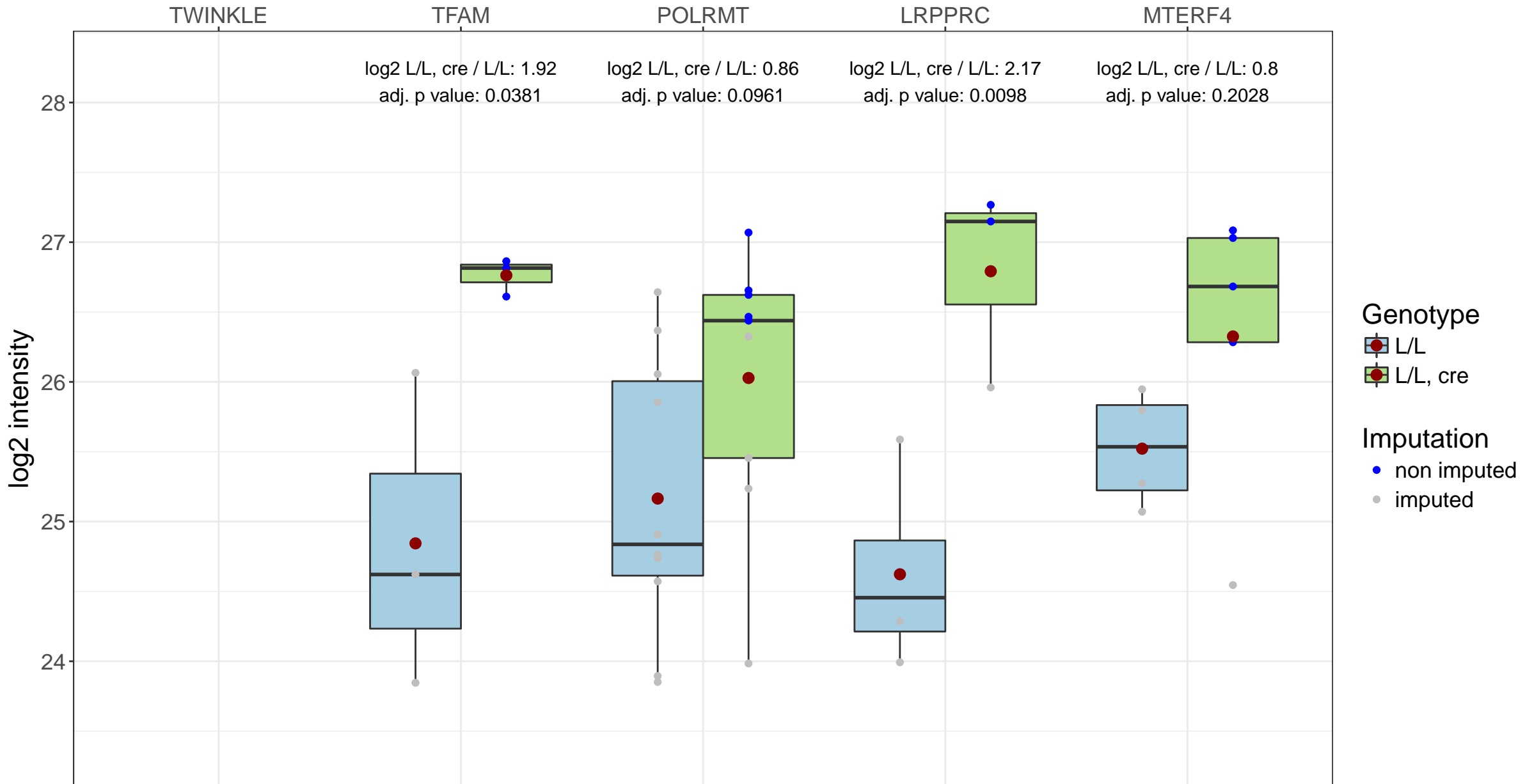
# PDP2 / Q504M2



# PDPR / Q7TSQ8

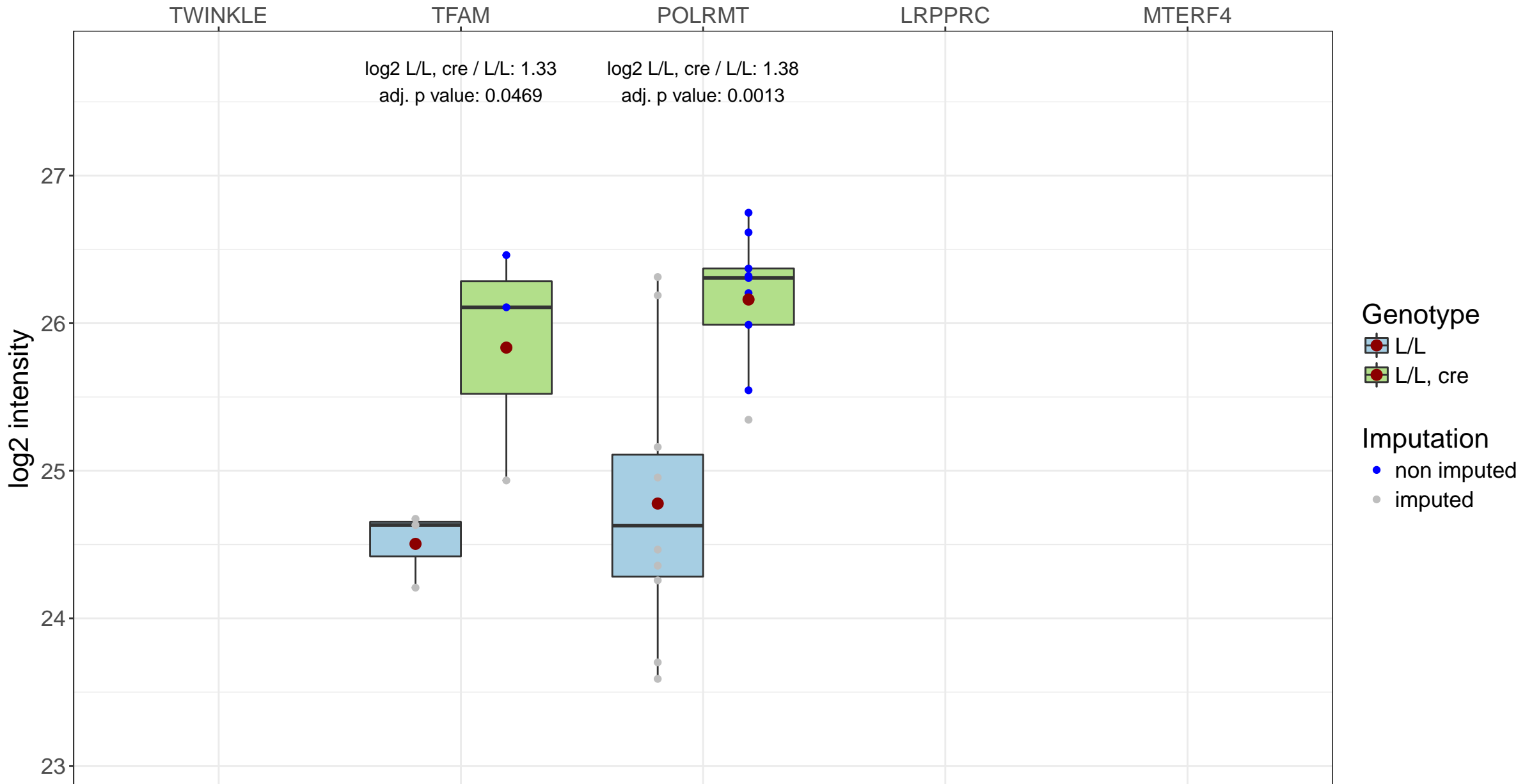


# PDSS2 / Q33DR3

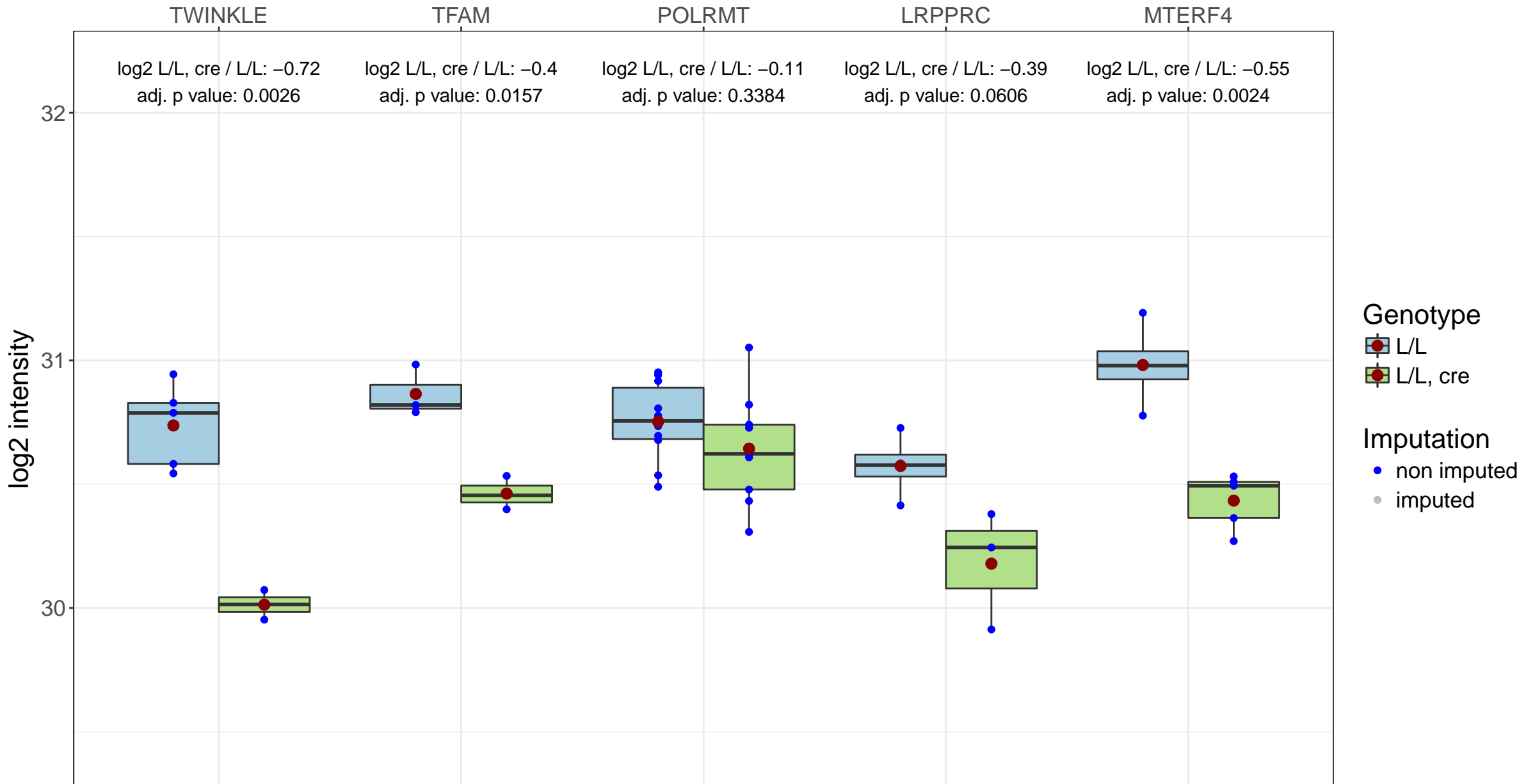




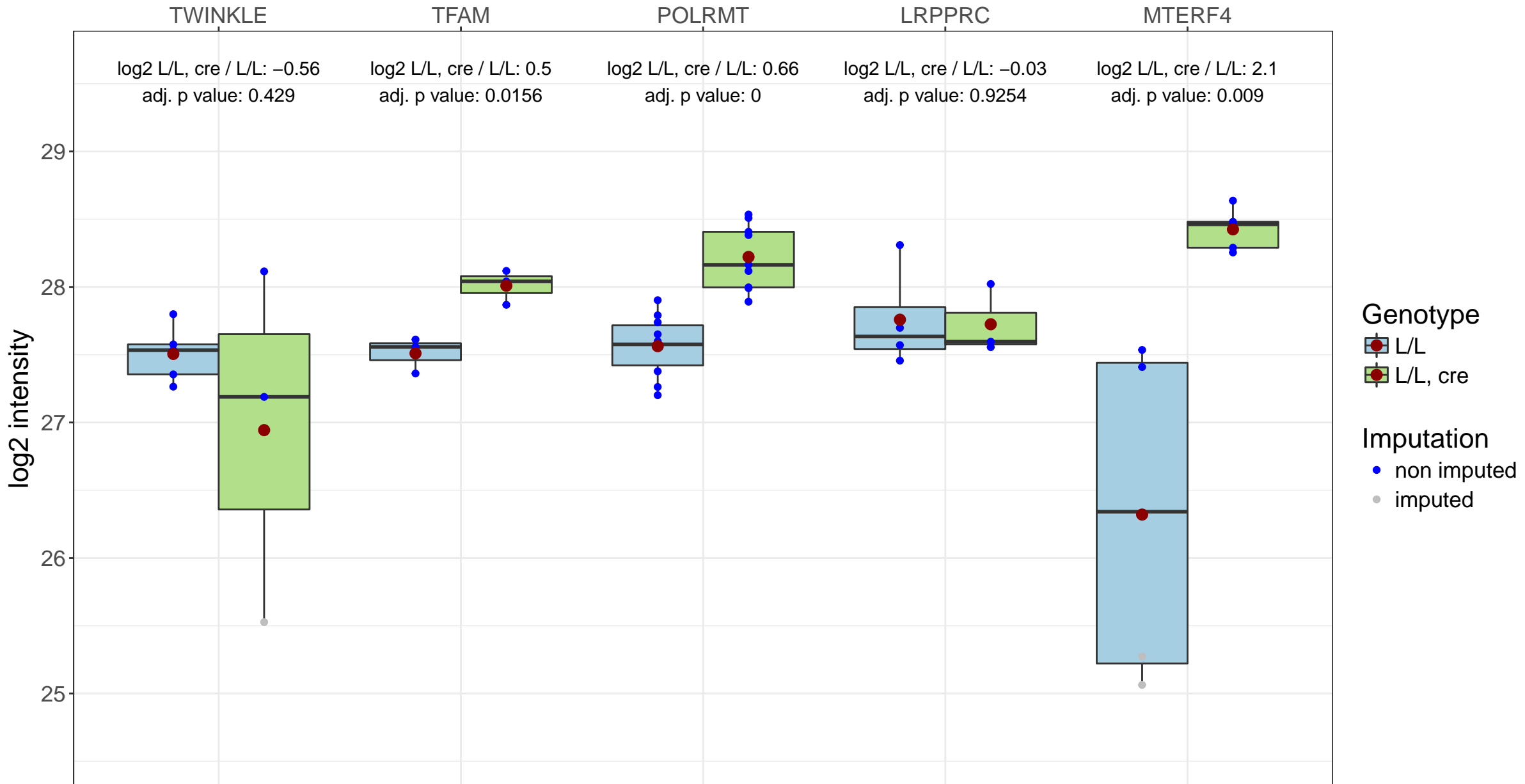
# PECR / Q3UXD9



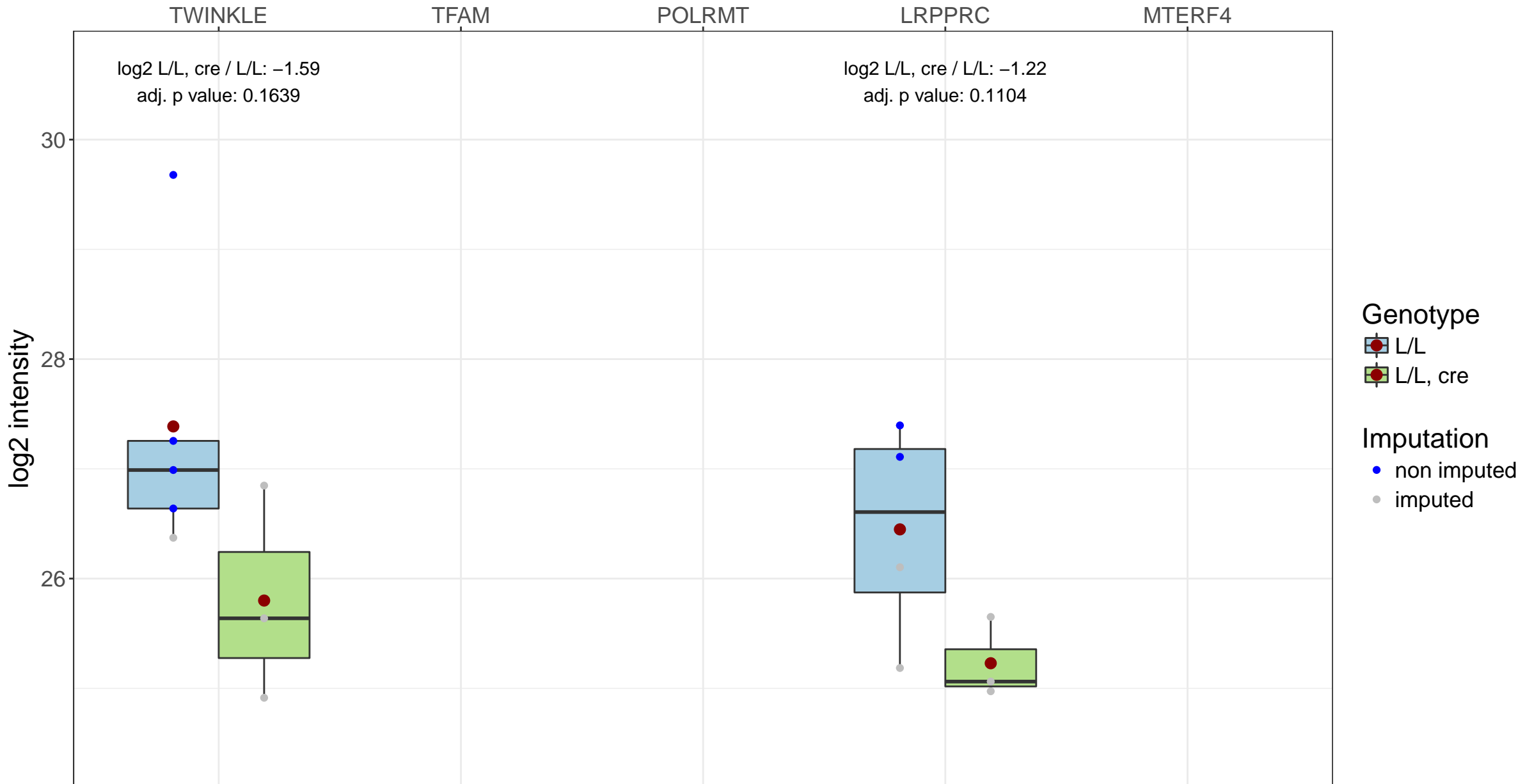
# PERM1 / Q149B8



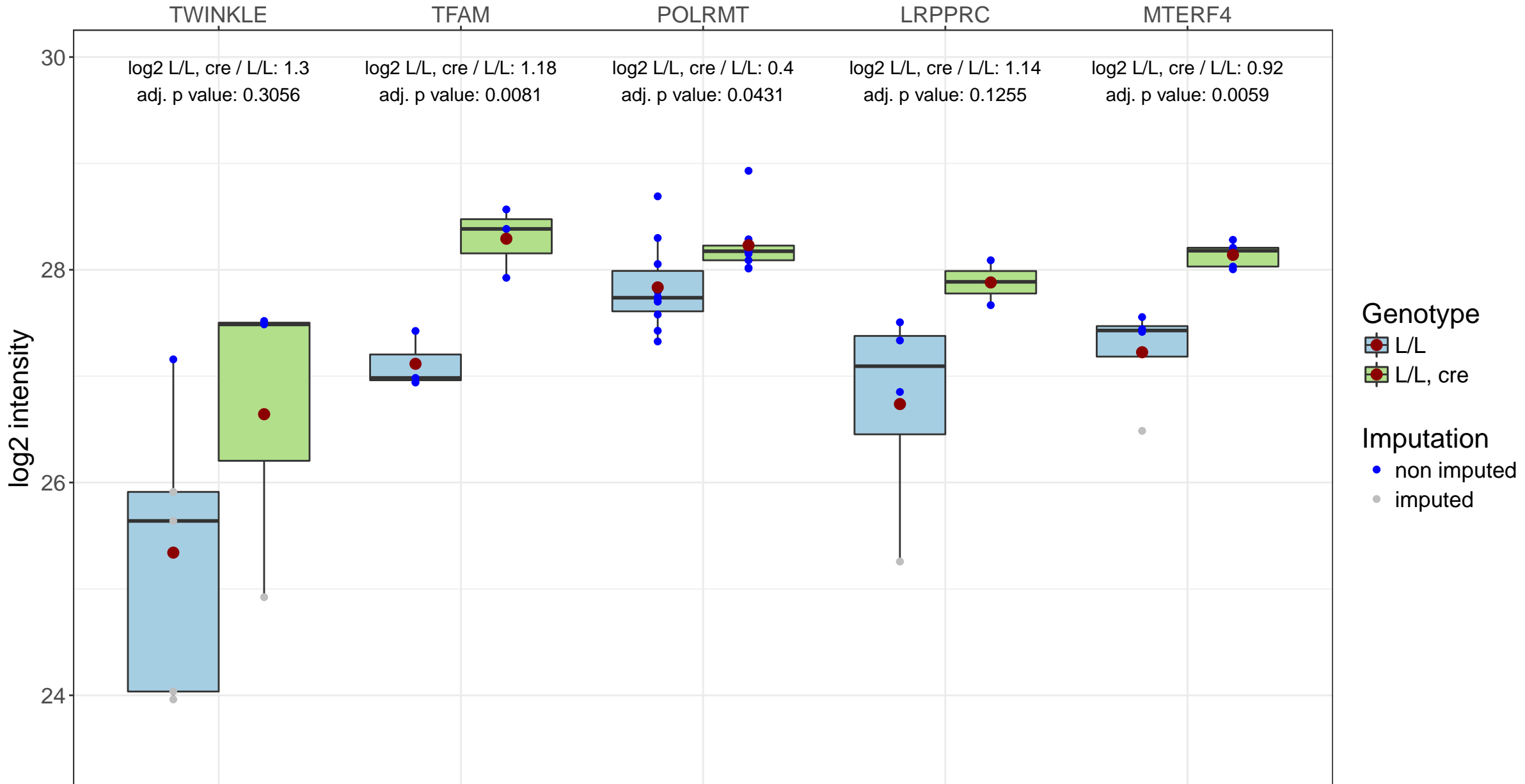
# PET112 / Q99JT1



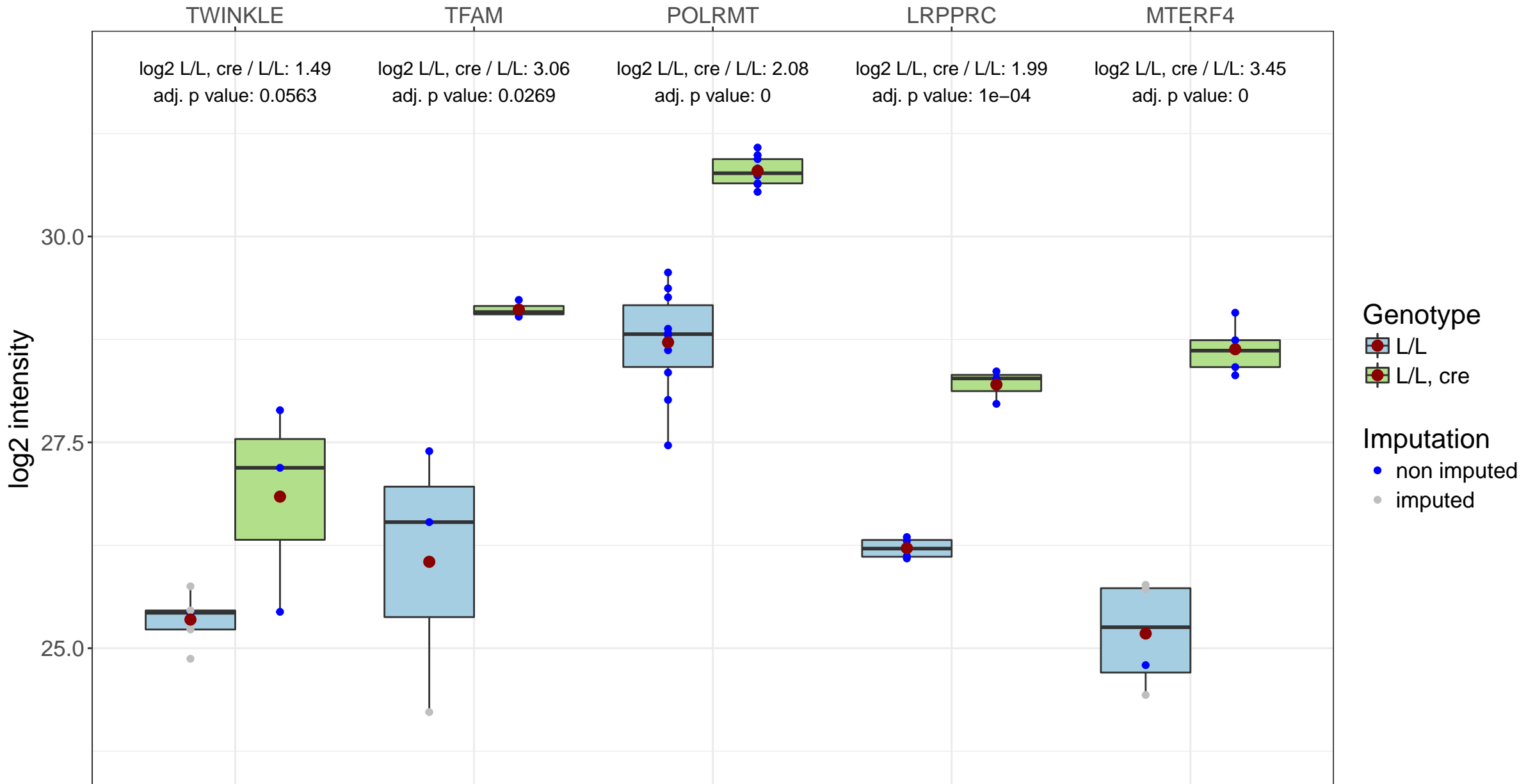
# PF4 / Q9Z126



# PGAM2 / O70250



# PGAM5 / Q8BX10-2



# PGS1 / Q8BHF7

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 intensity

27

26

25

log2 L/L, cre / L/L: 0.94

adj. p value: 0.079

Genotype

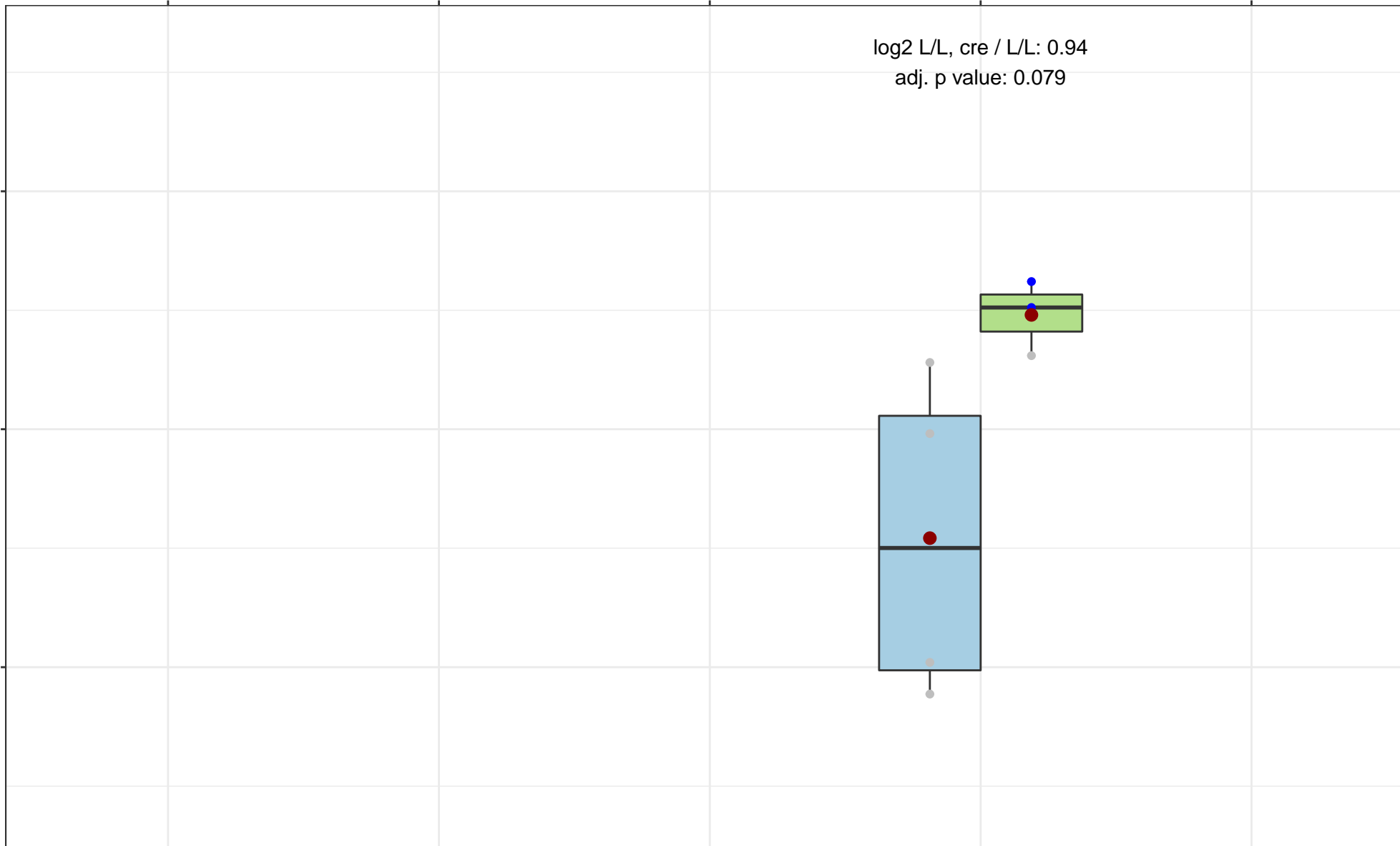
L/L

L/L, cre

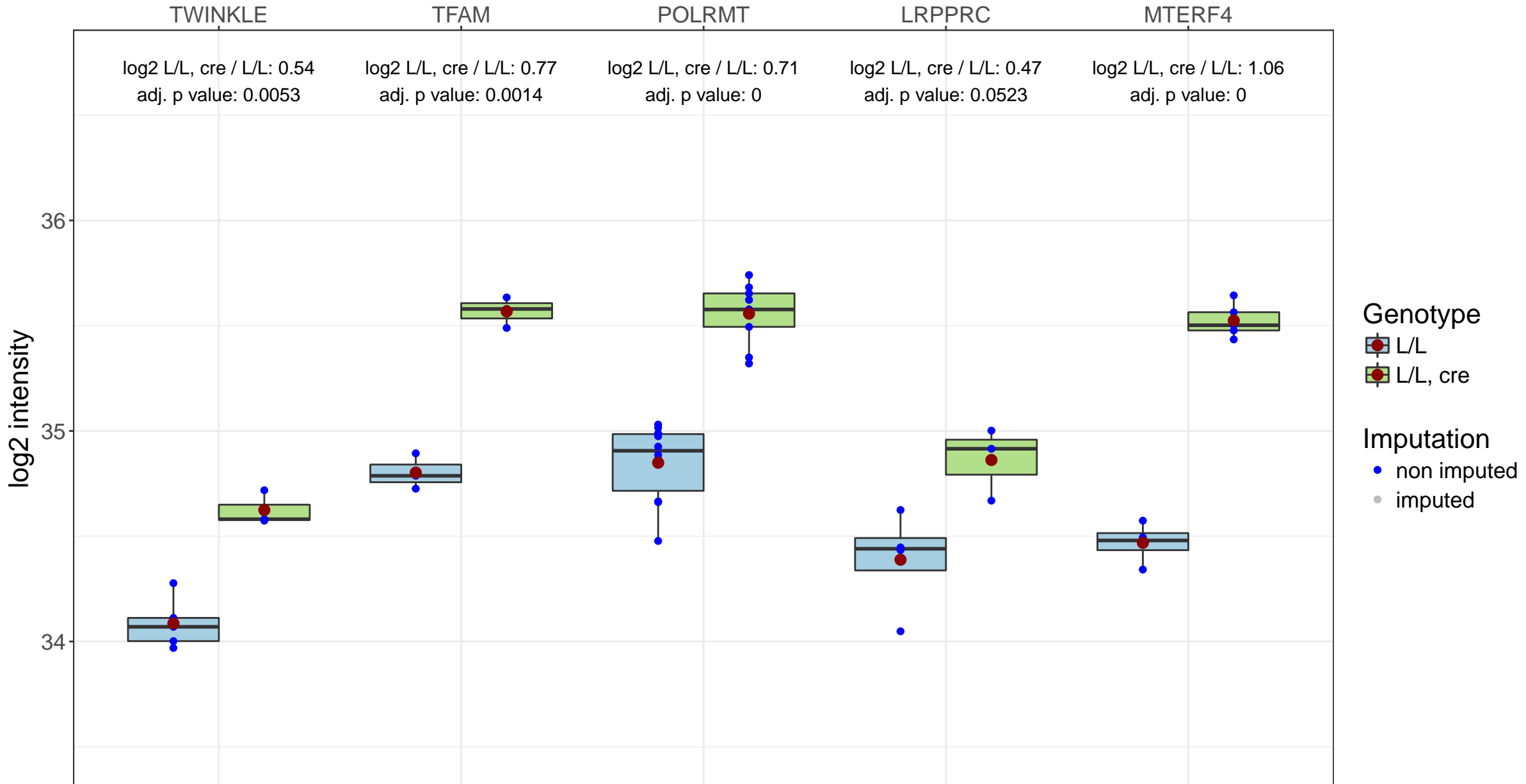
Imputation

non imputed

imputed

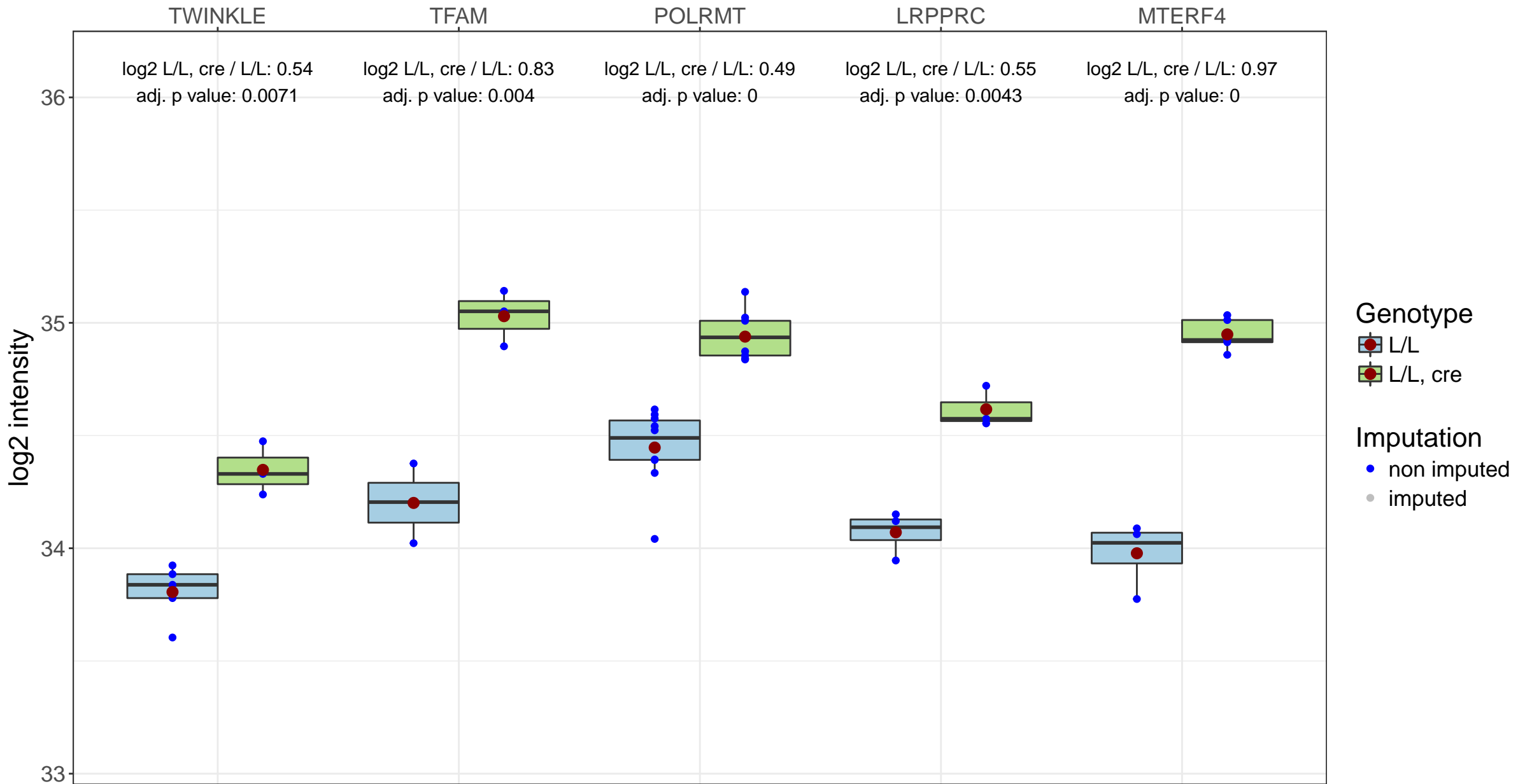


# PHB / P67778

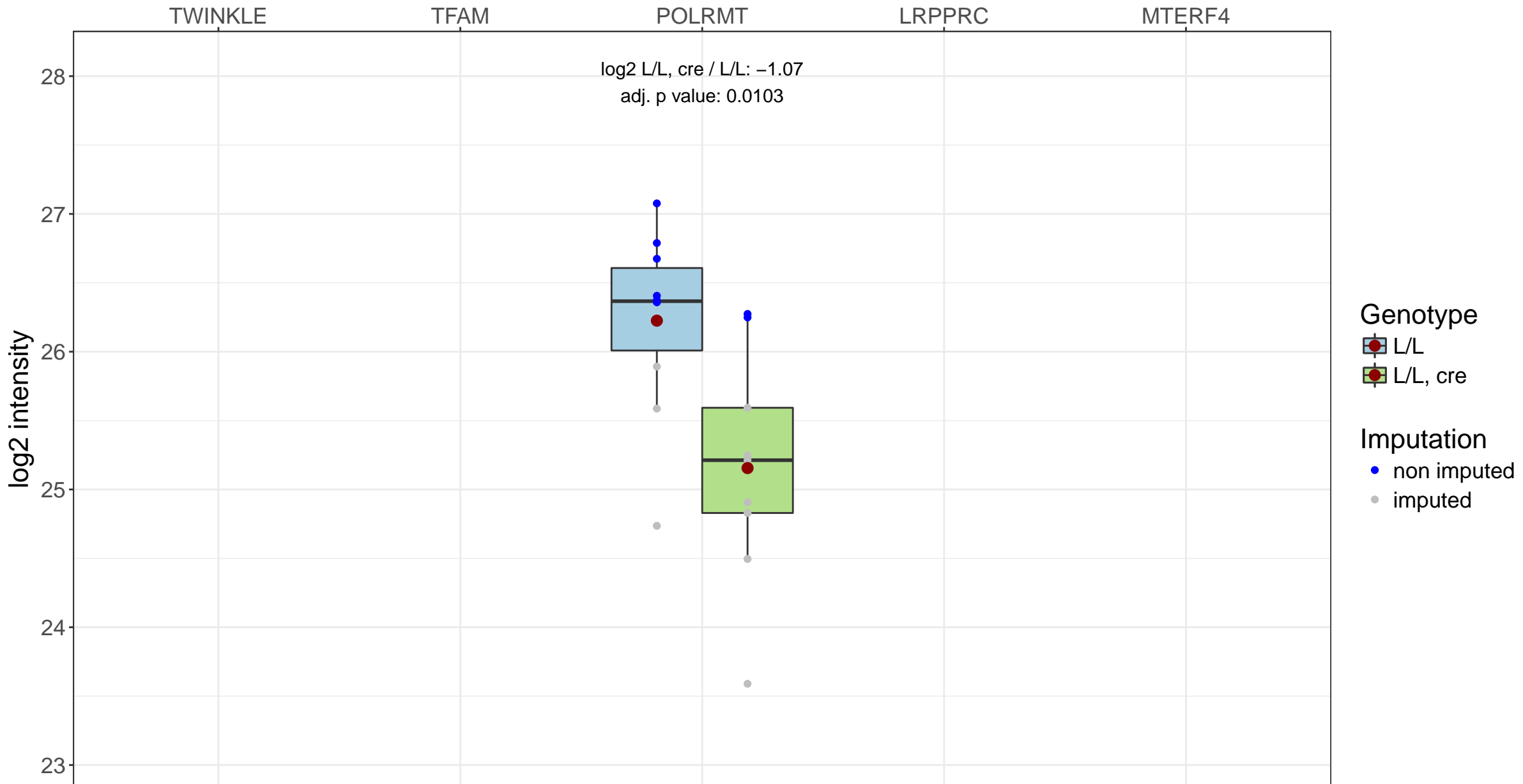




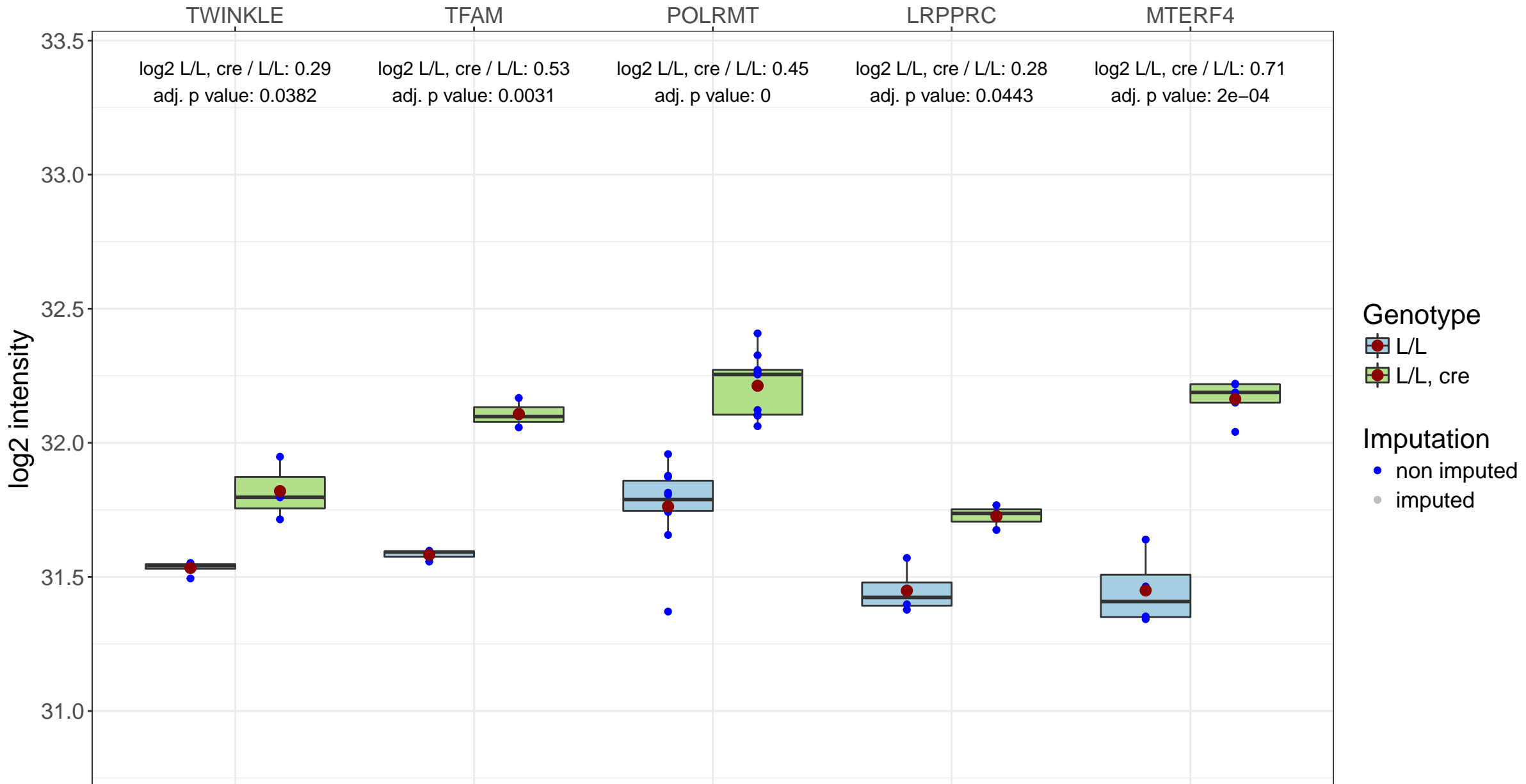
# PHB2 / O35129



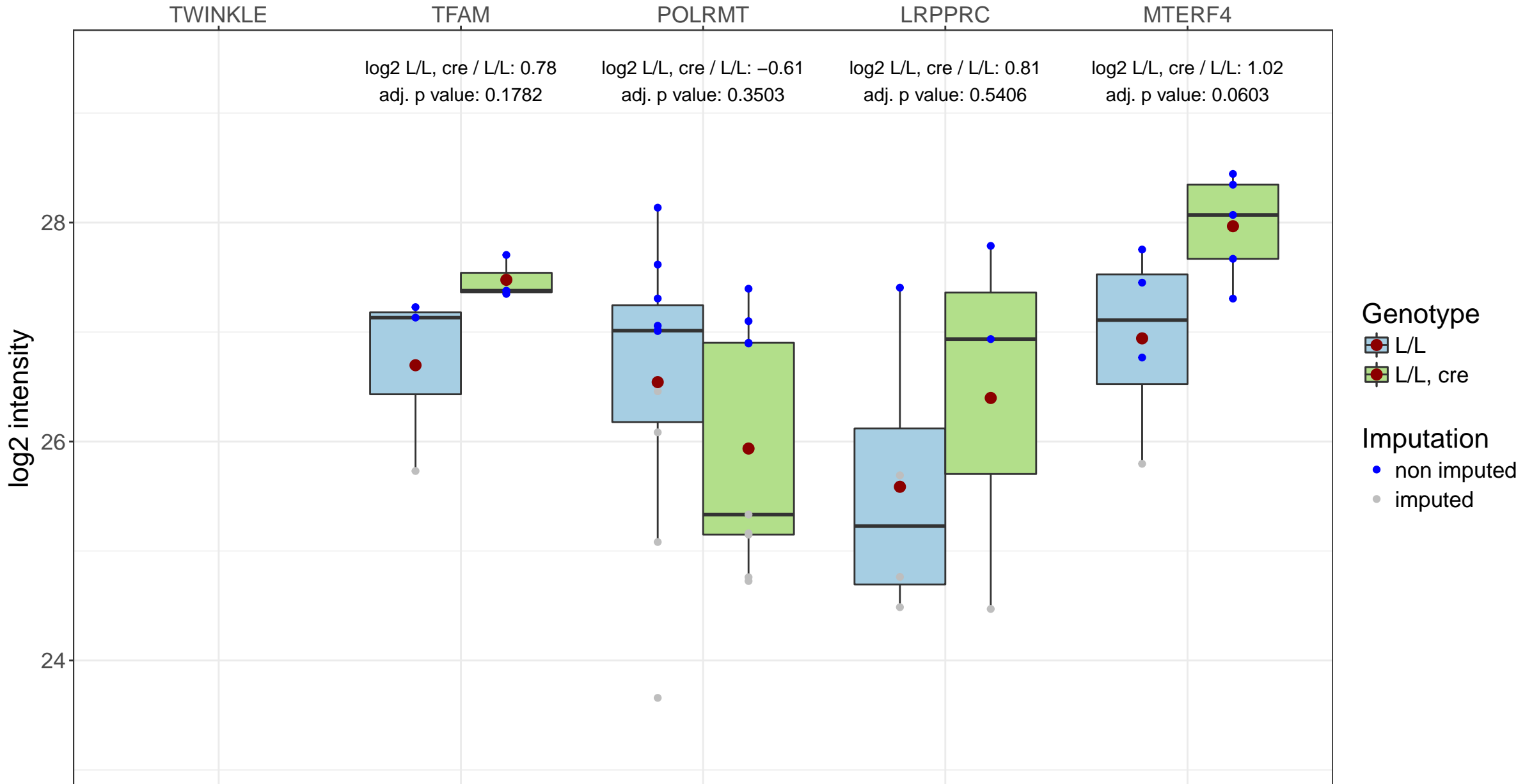
# PHYH / O35386



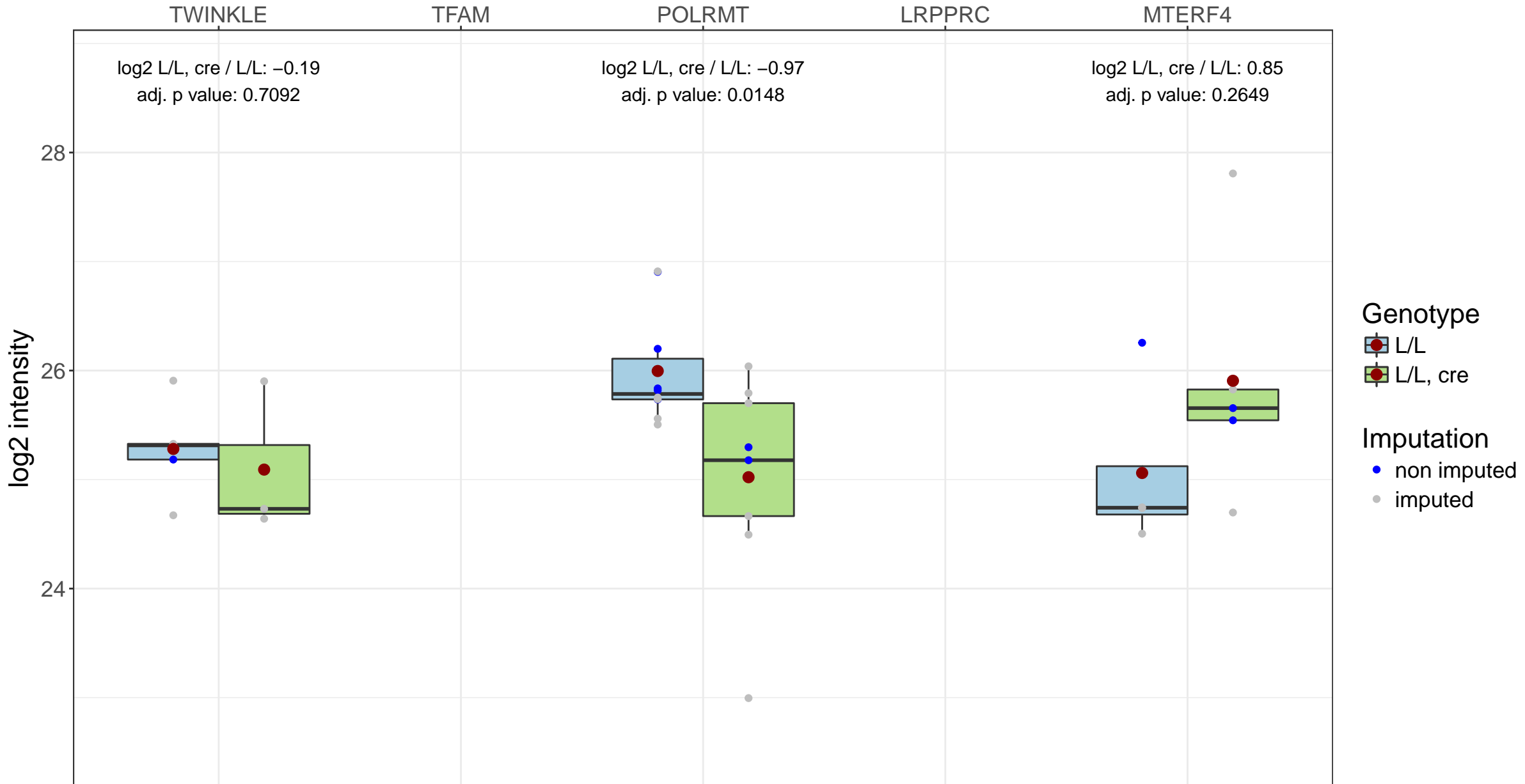
# PITRM1 / Q8K411-2



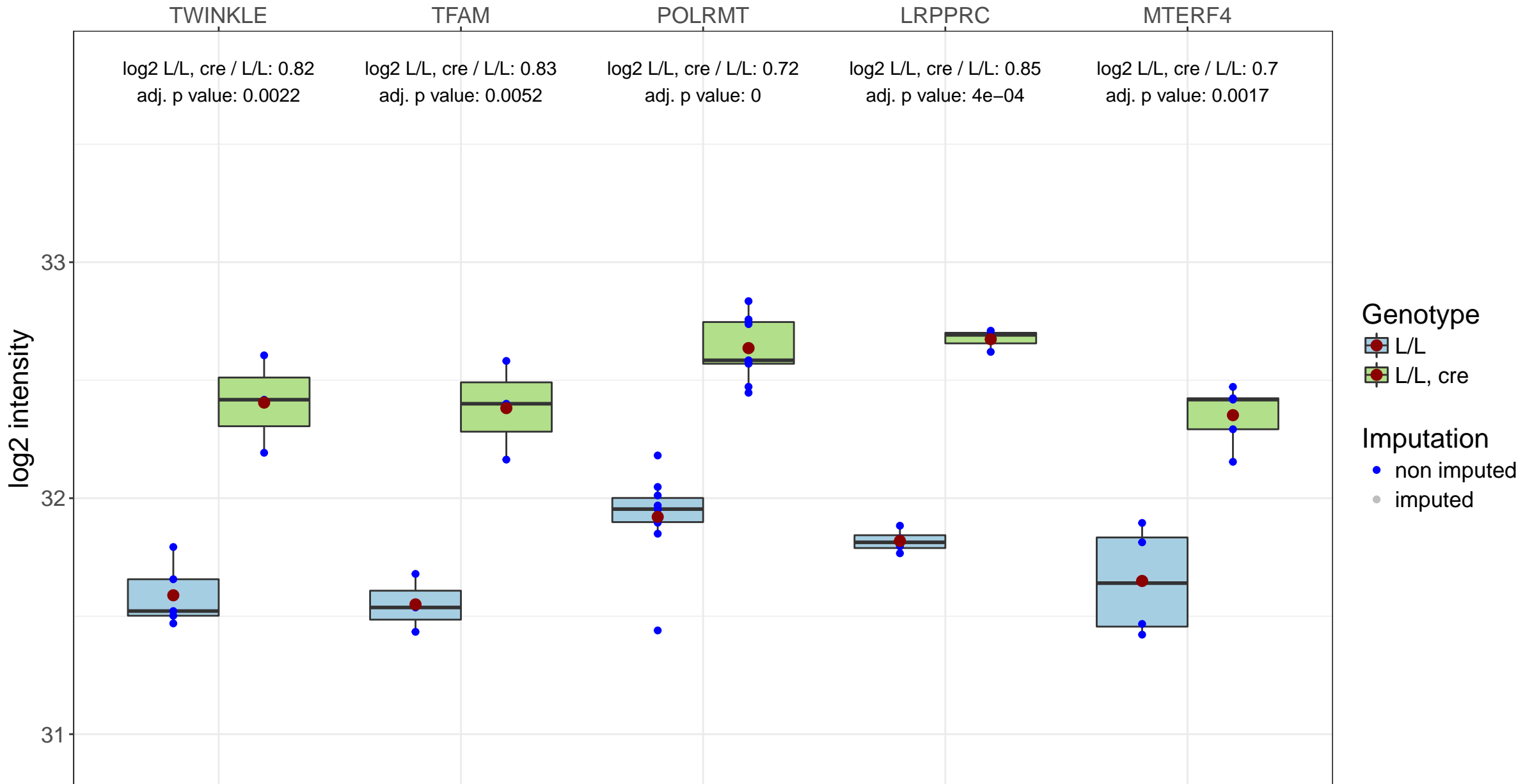
# PKM / P52480



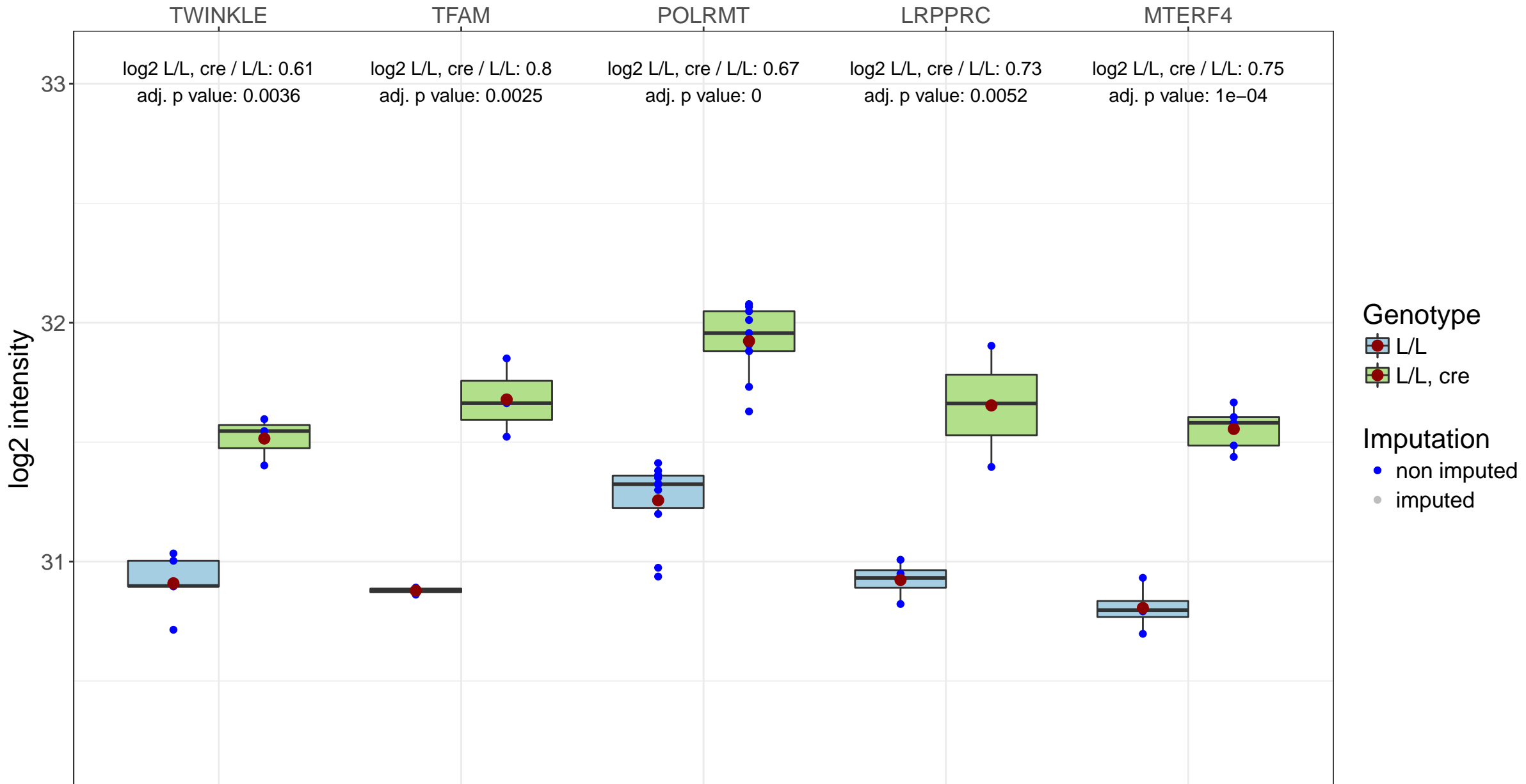
# PLIN4 / O88492



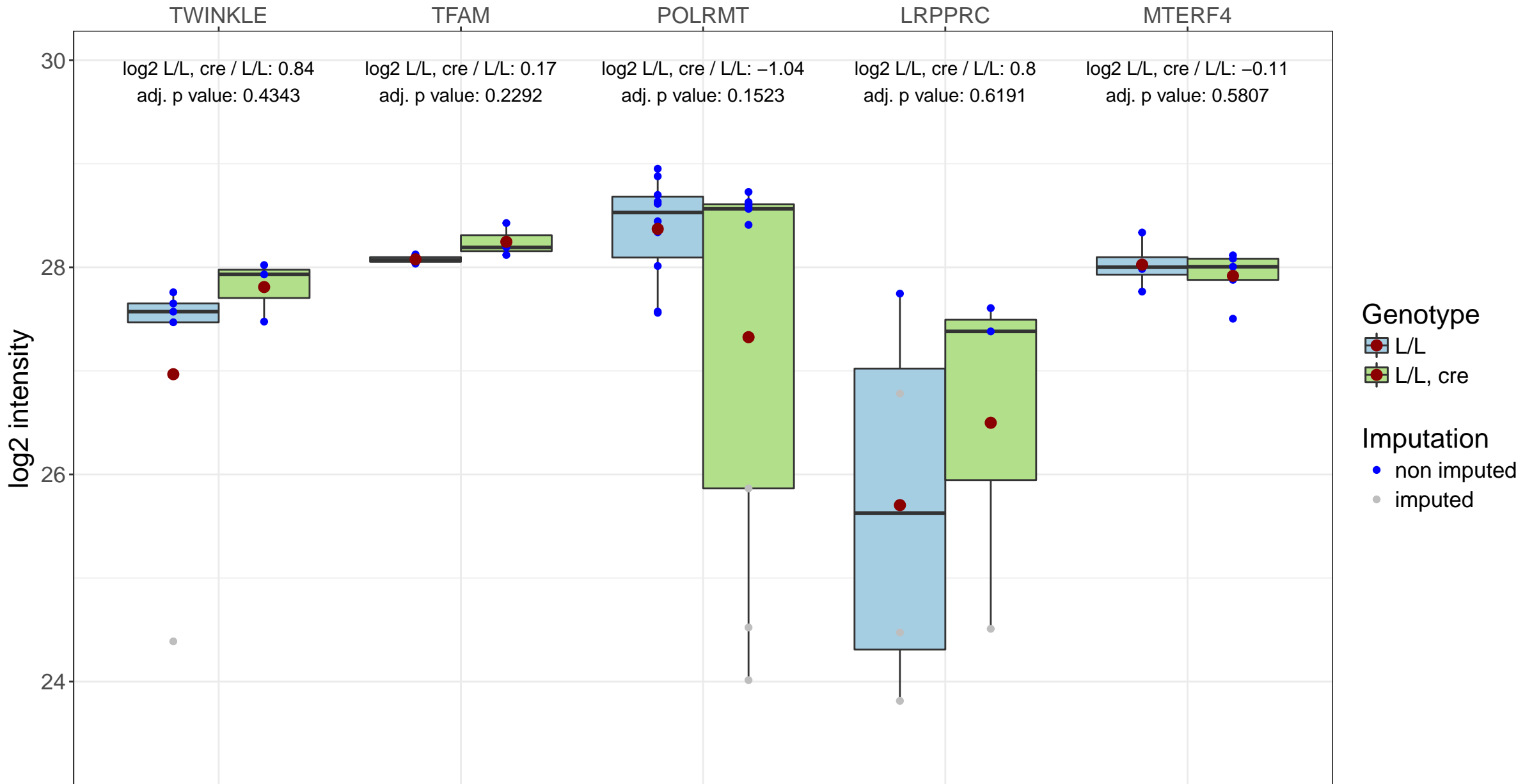
# PMPCA / Q9DC61



# PMPCB / Q9CXT8

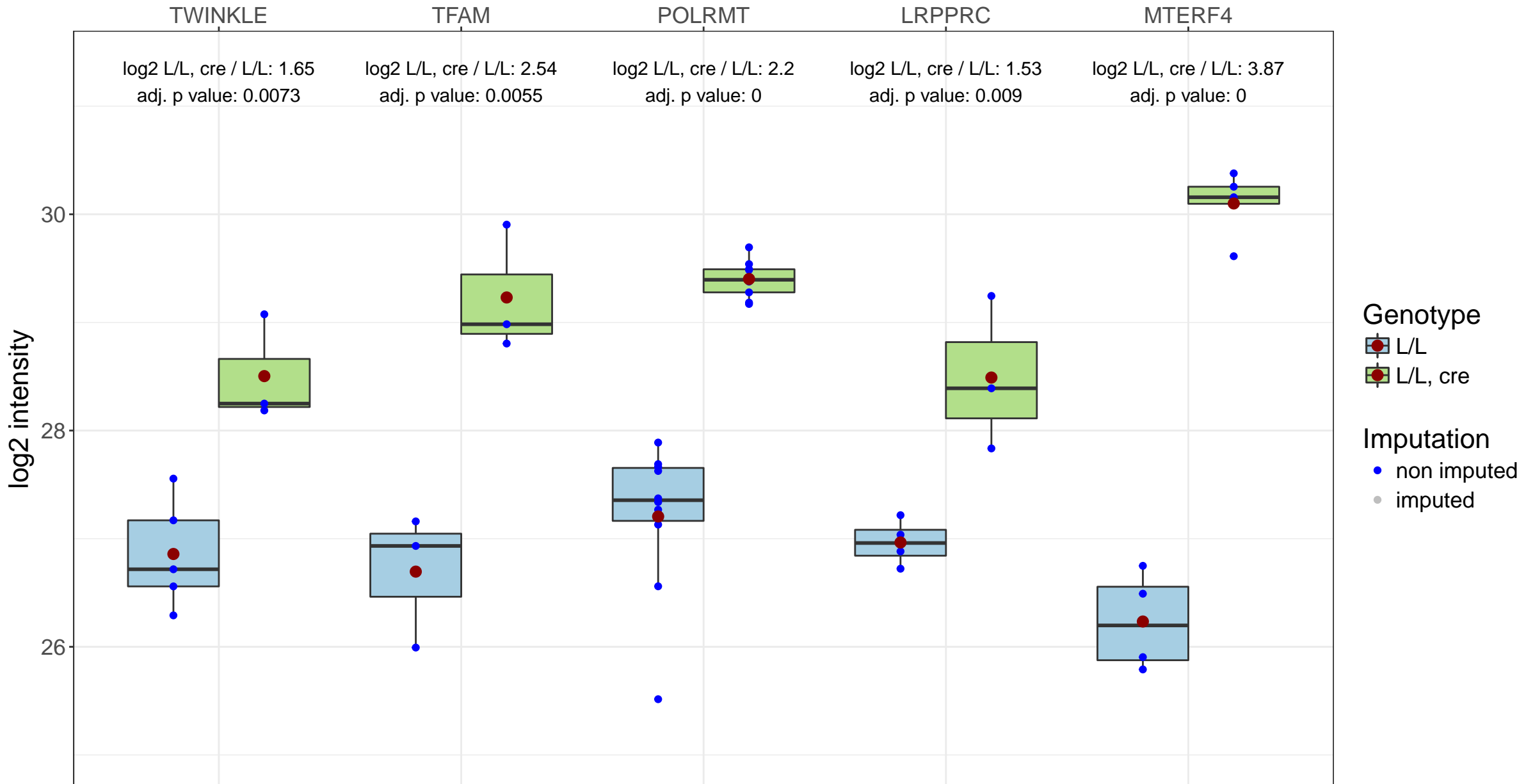


# PNKD / Q69ZP3-2

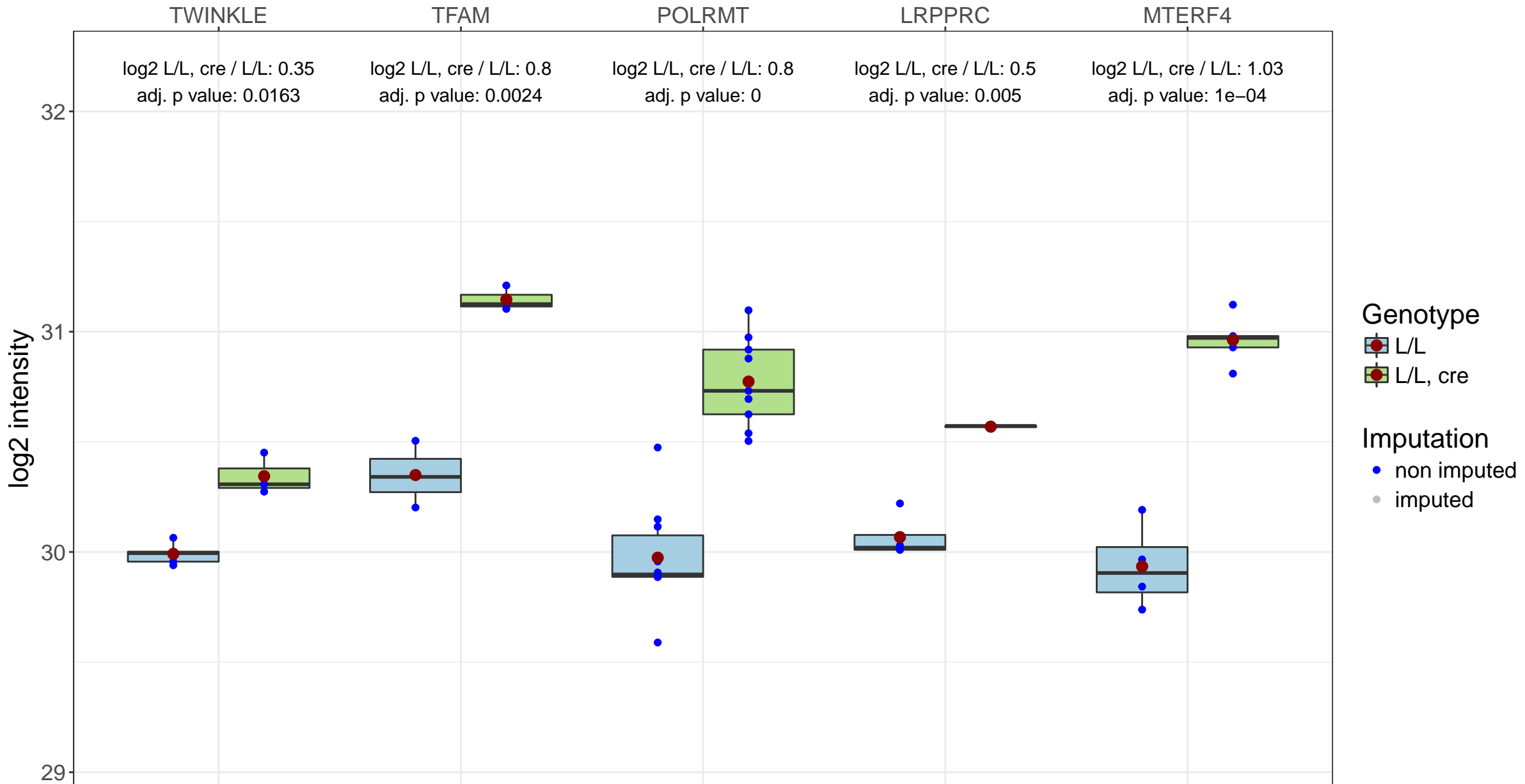




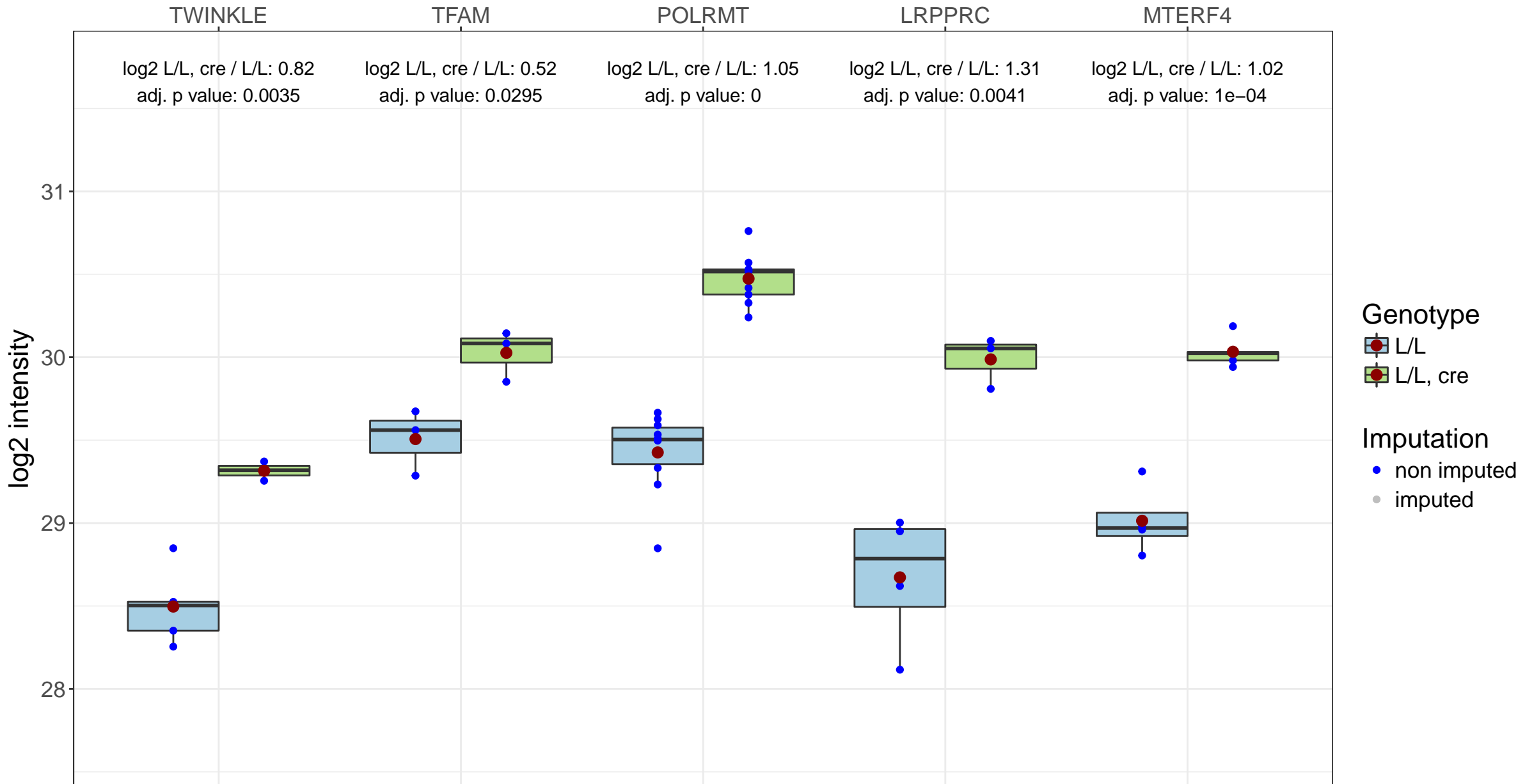
# PNPLA8 / Q8K1N1



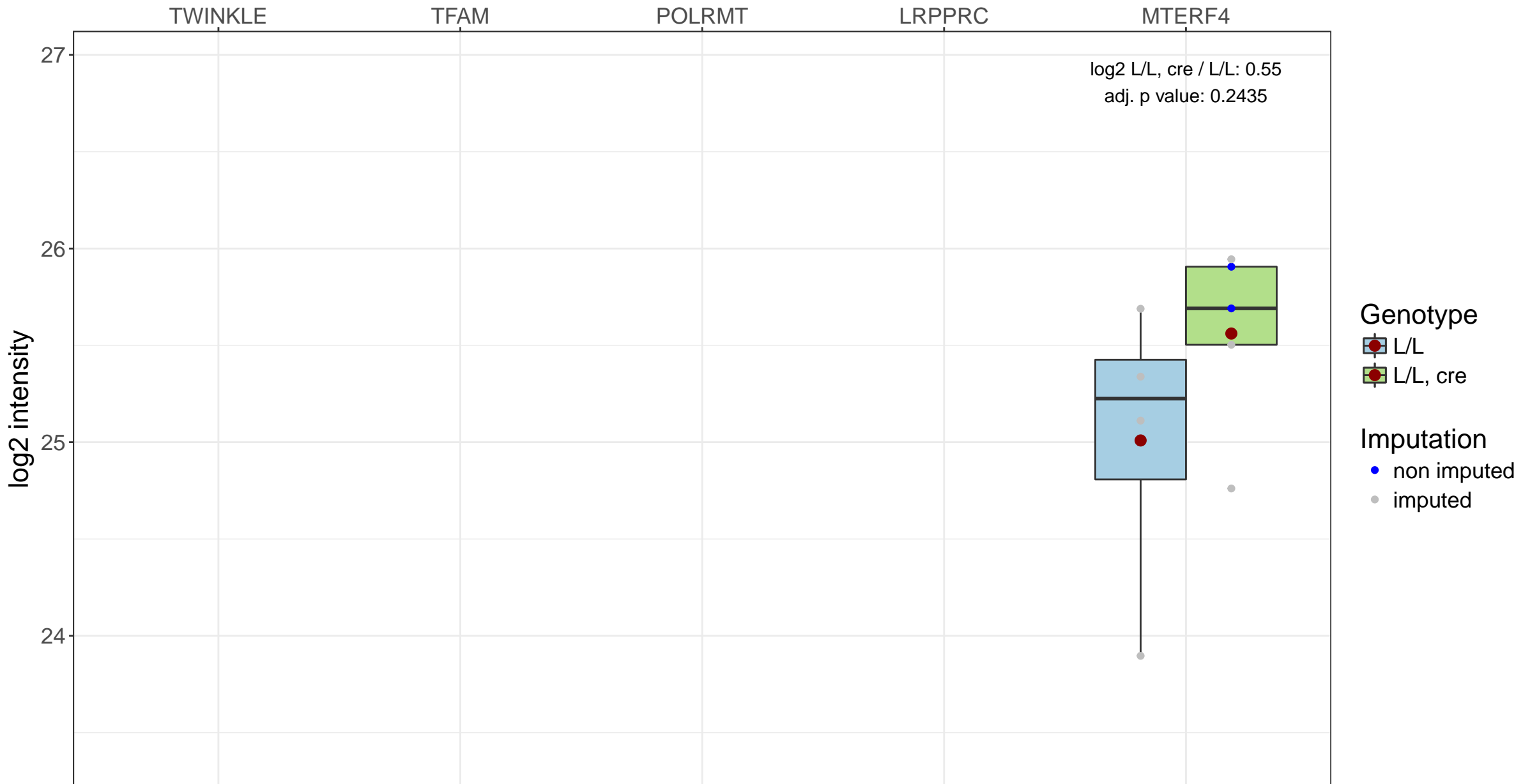
# PNPT1 / Q8K1R3



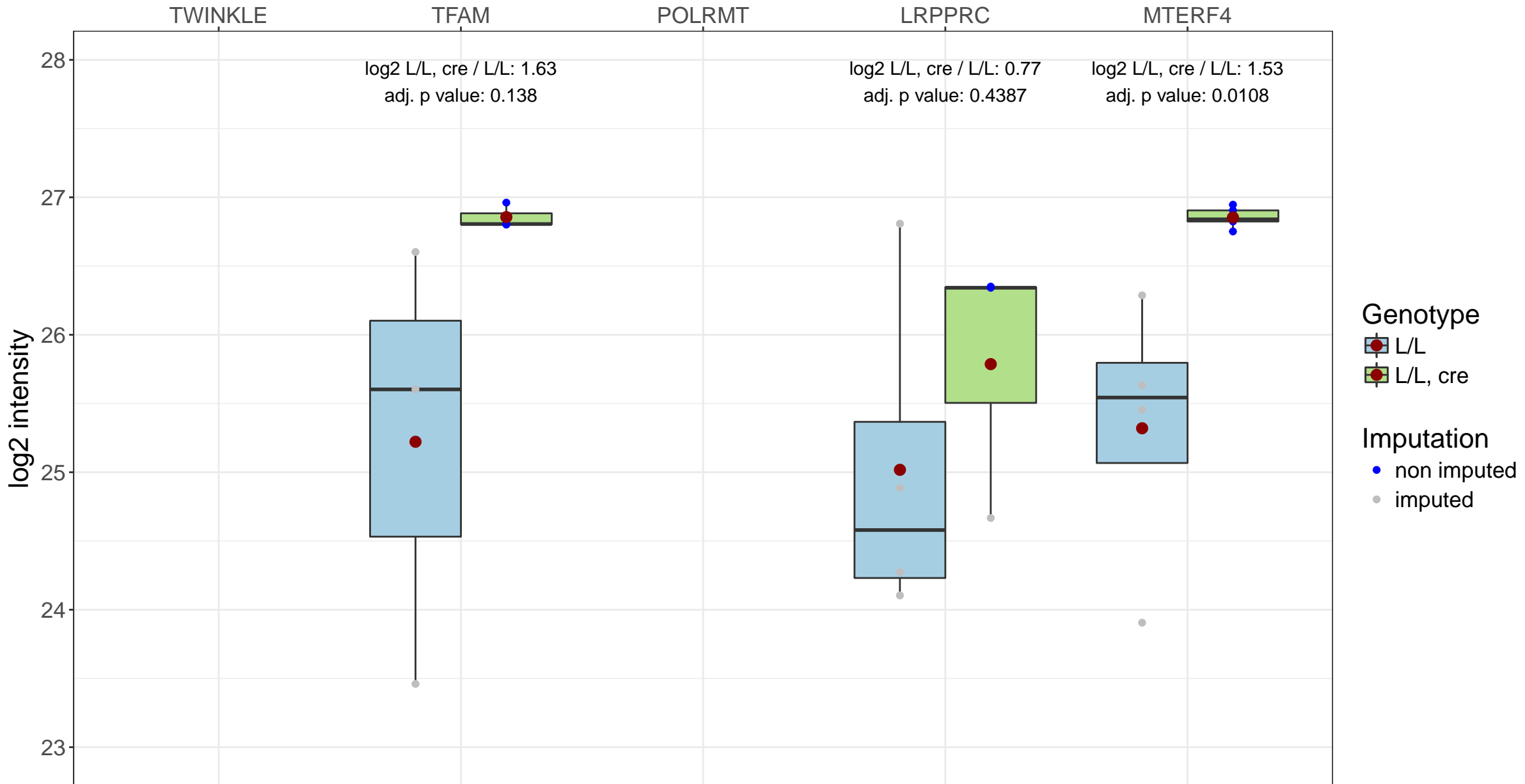
# POLDIP2 / Q91VA6



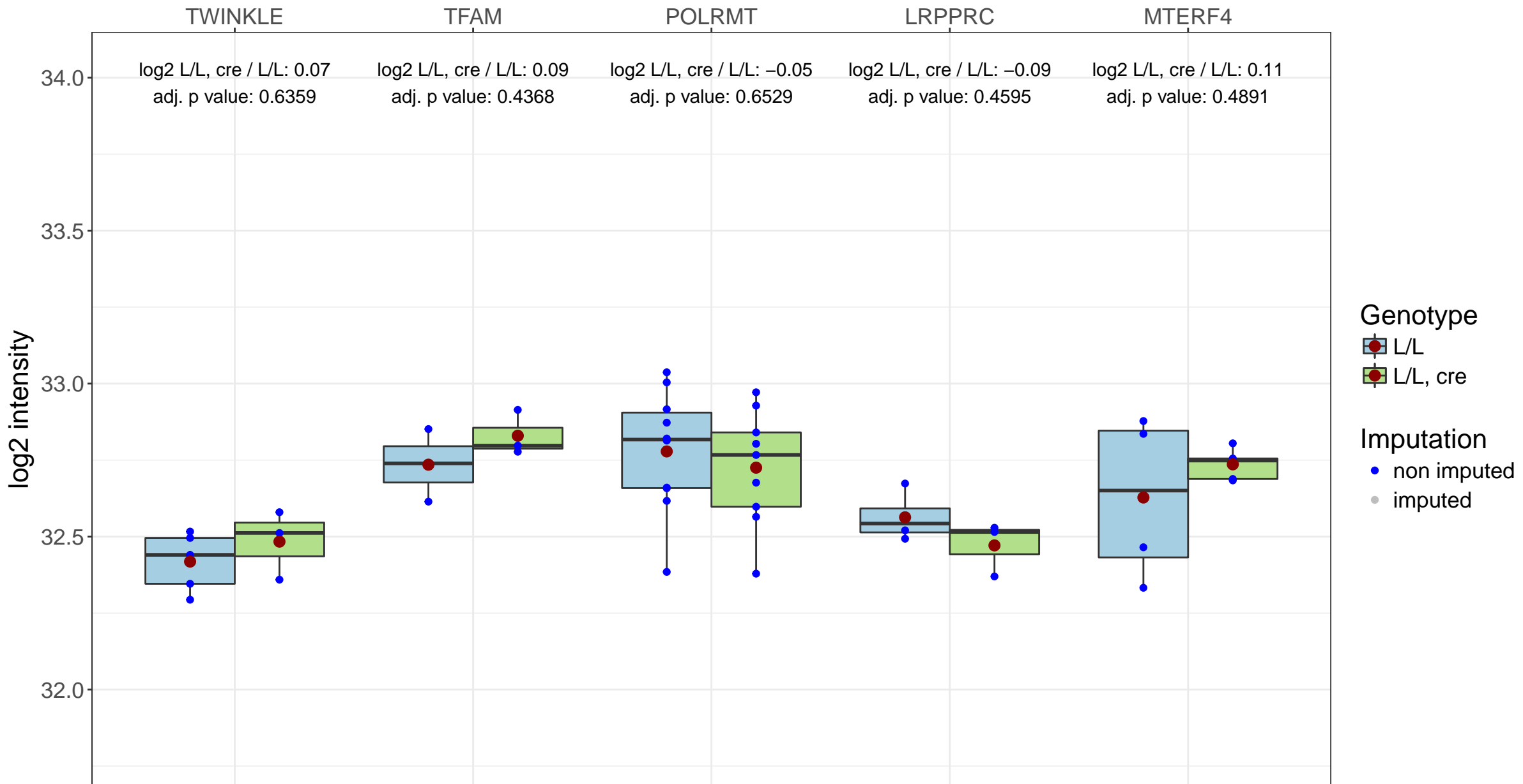
# POLG2 / D6RFU3



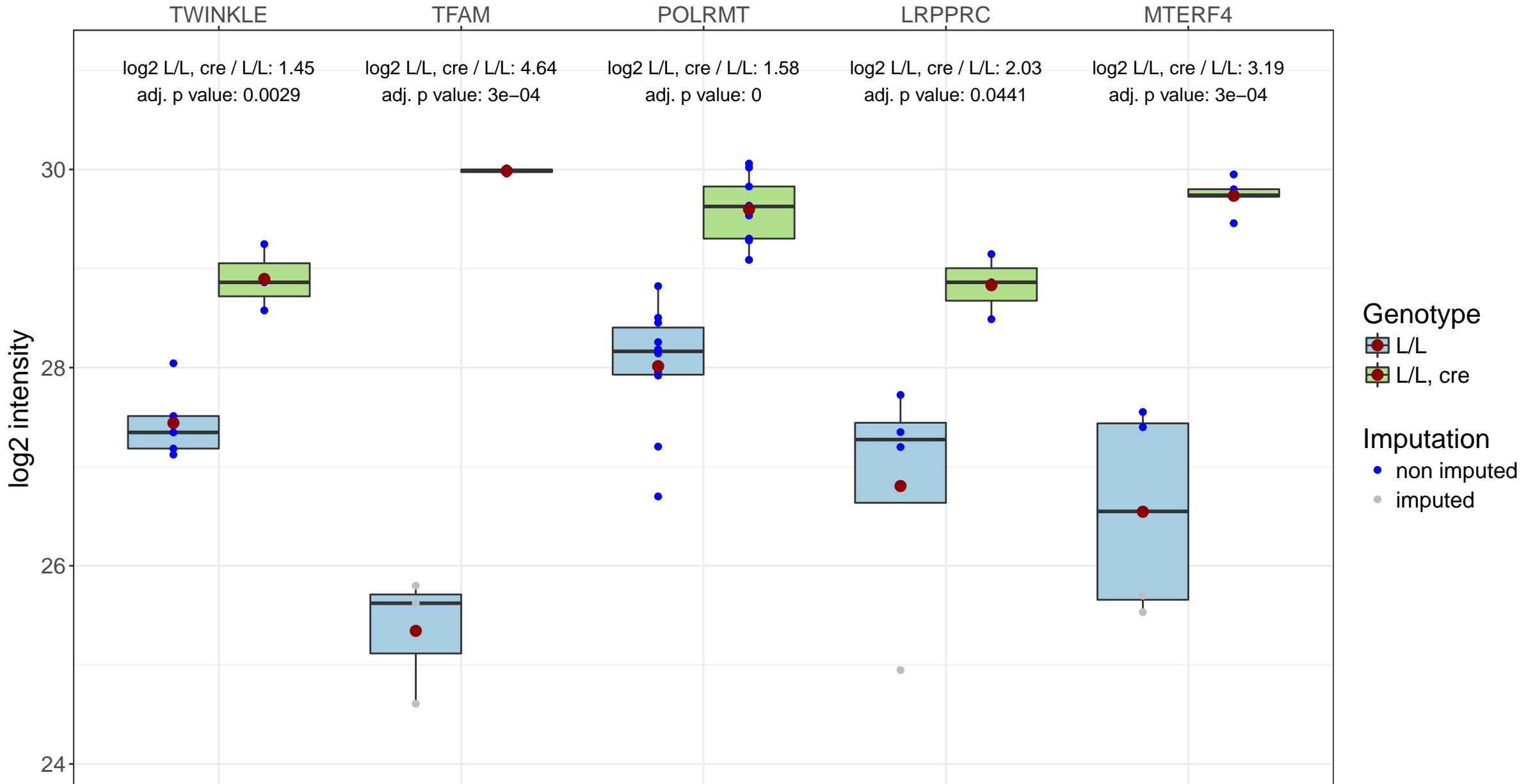
# POLRMT / Q8BKF1



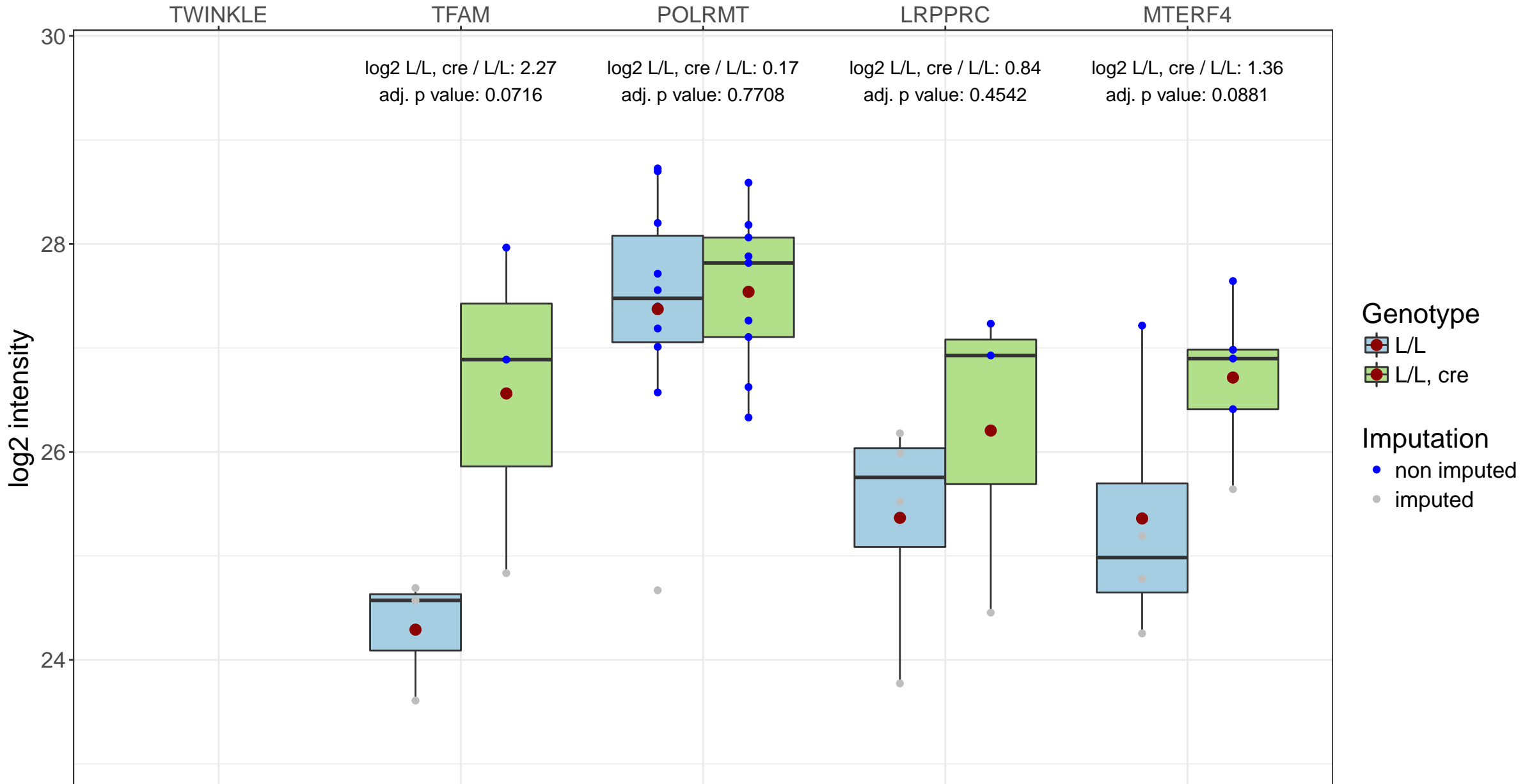
# PPA2 / Q91VM9



# PPIA / P17742

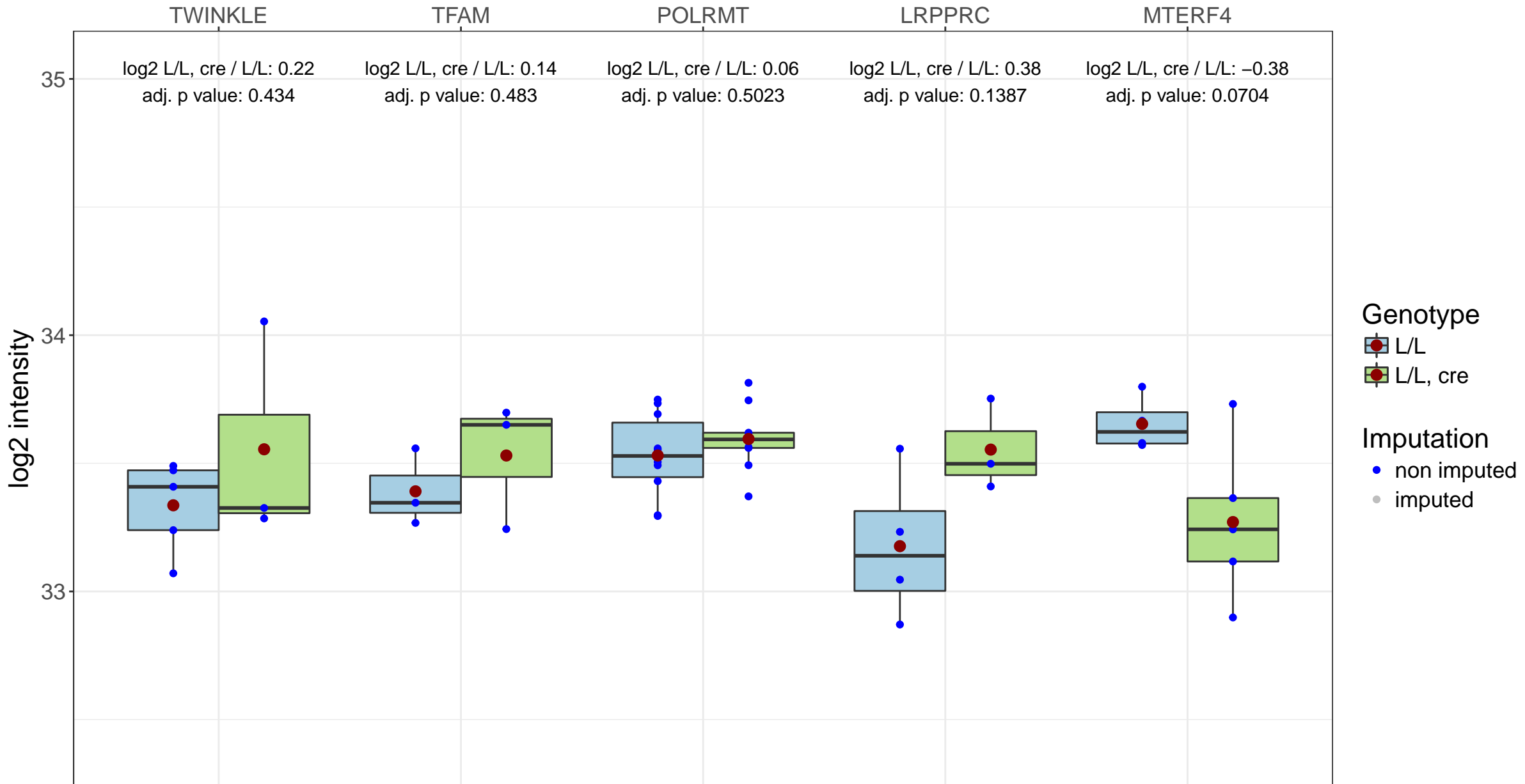


# PPIB / P24369

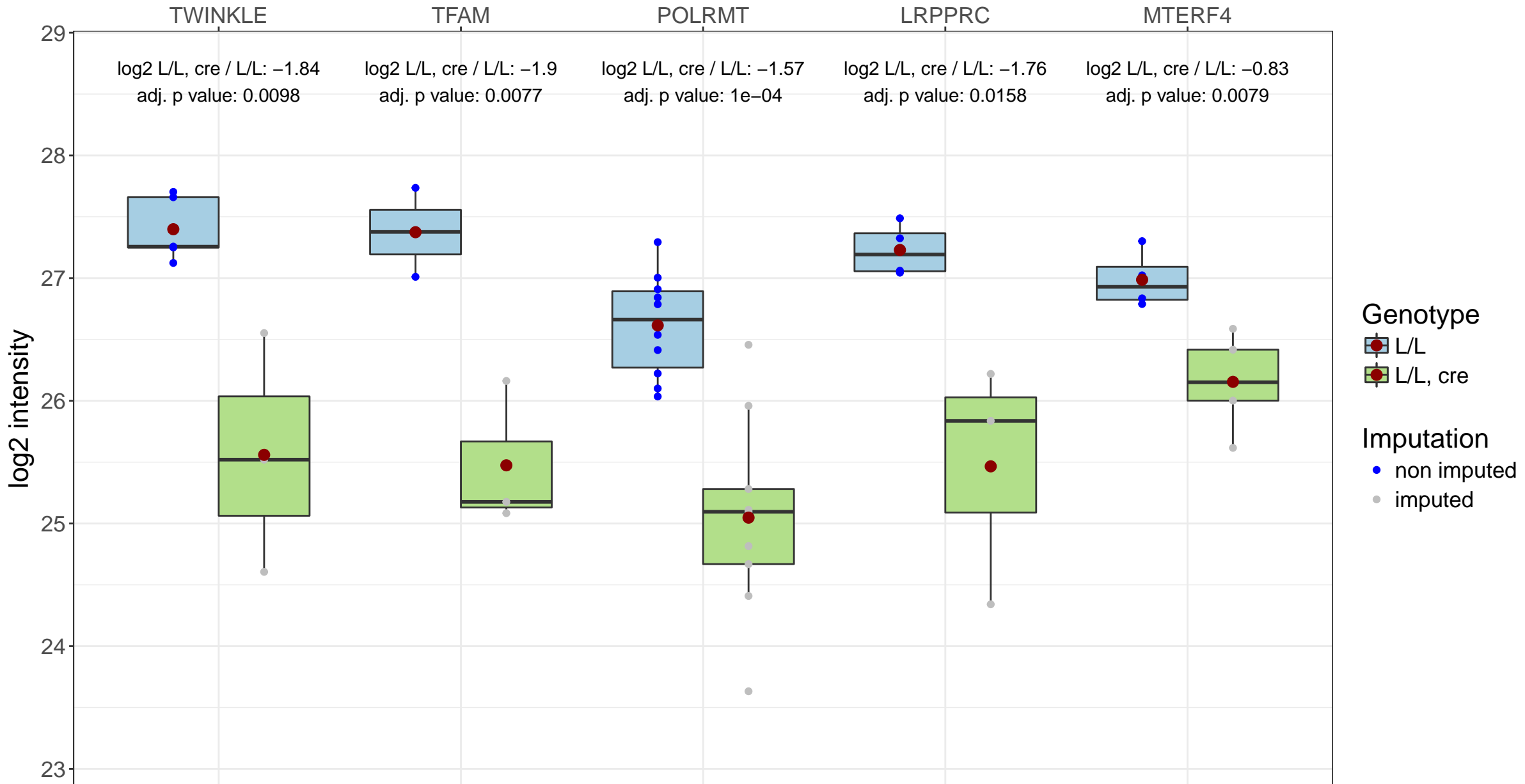




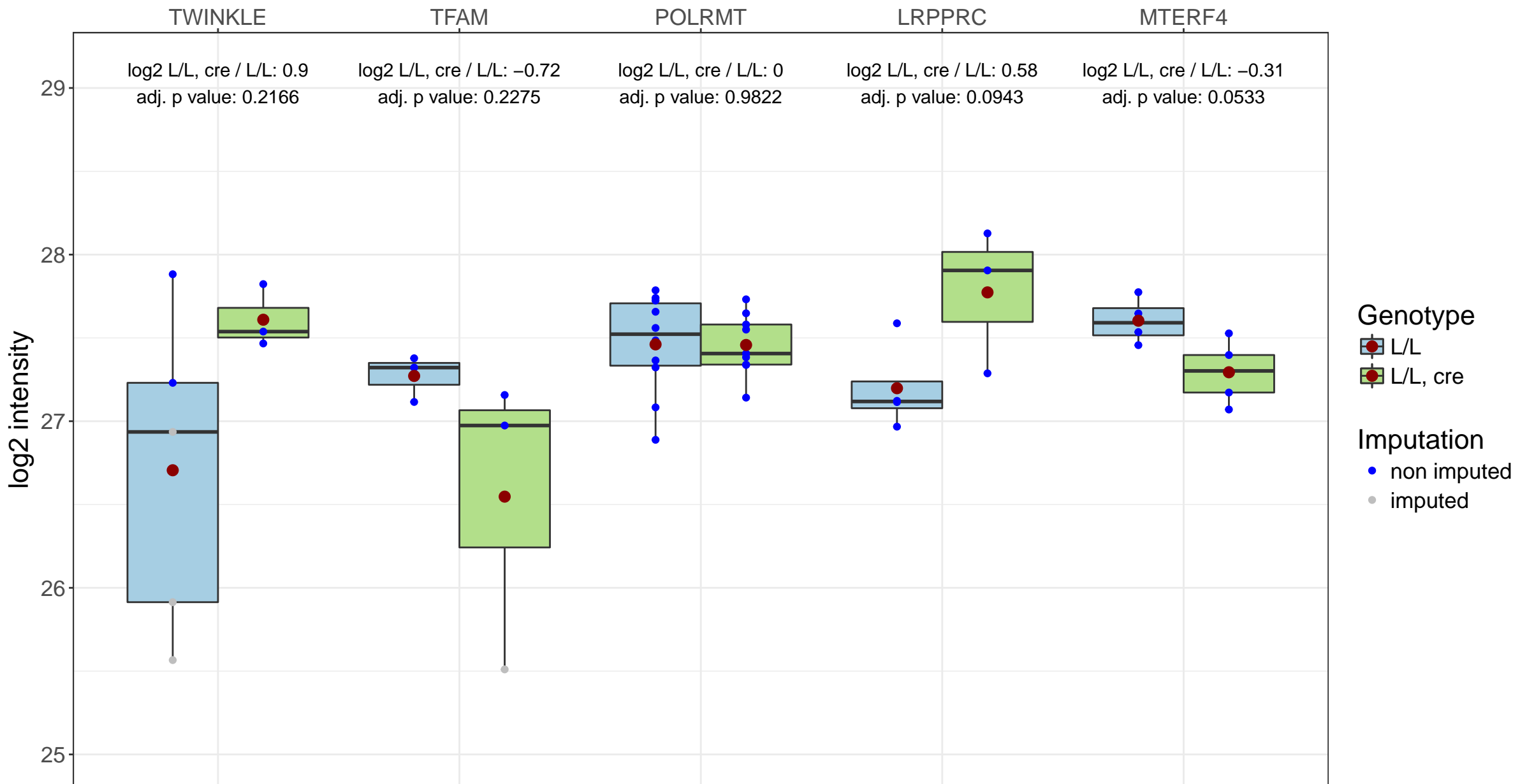
# PPIF / Q99KR7



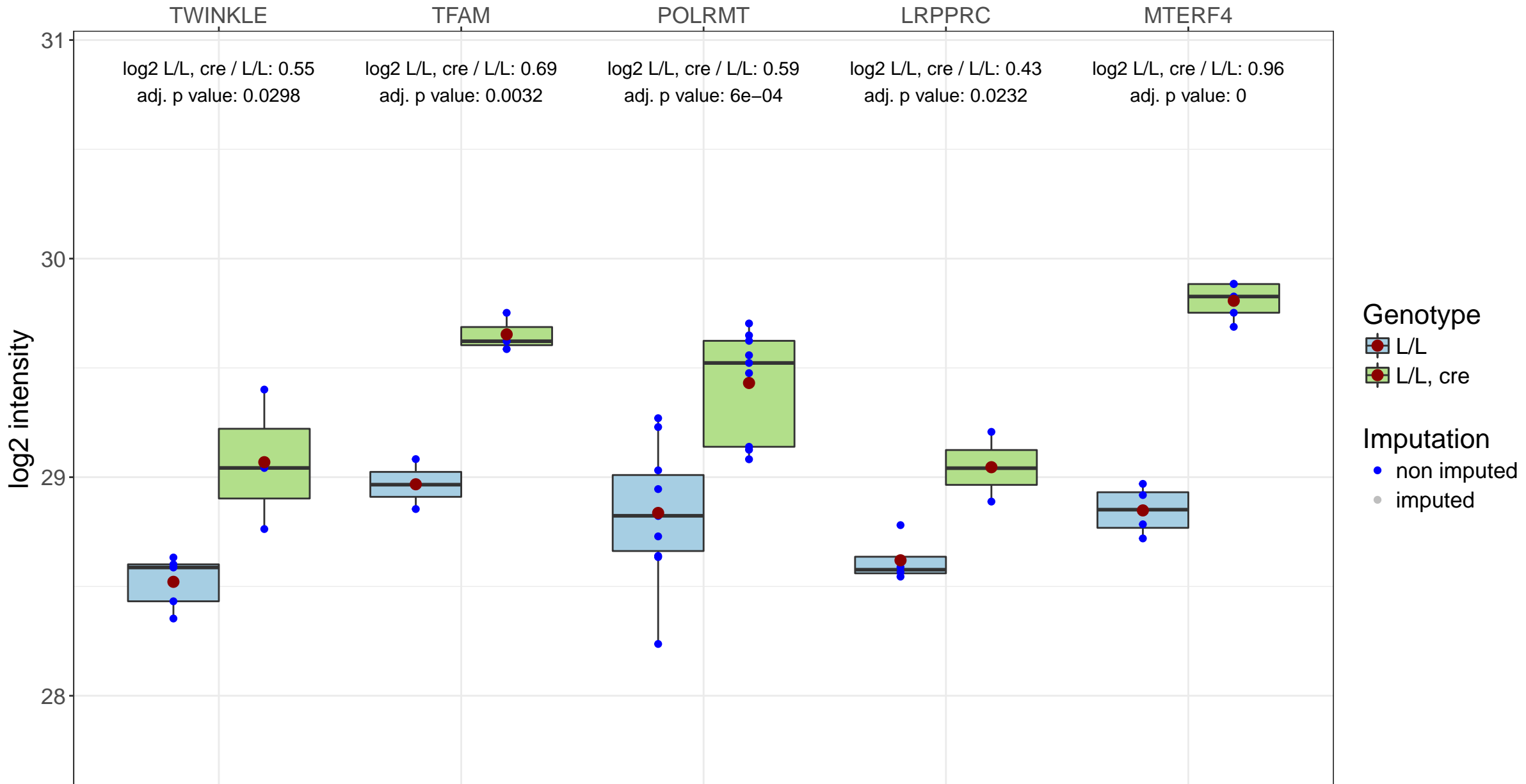
# PPM1K / Q8BXN7



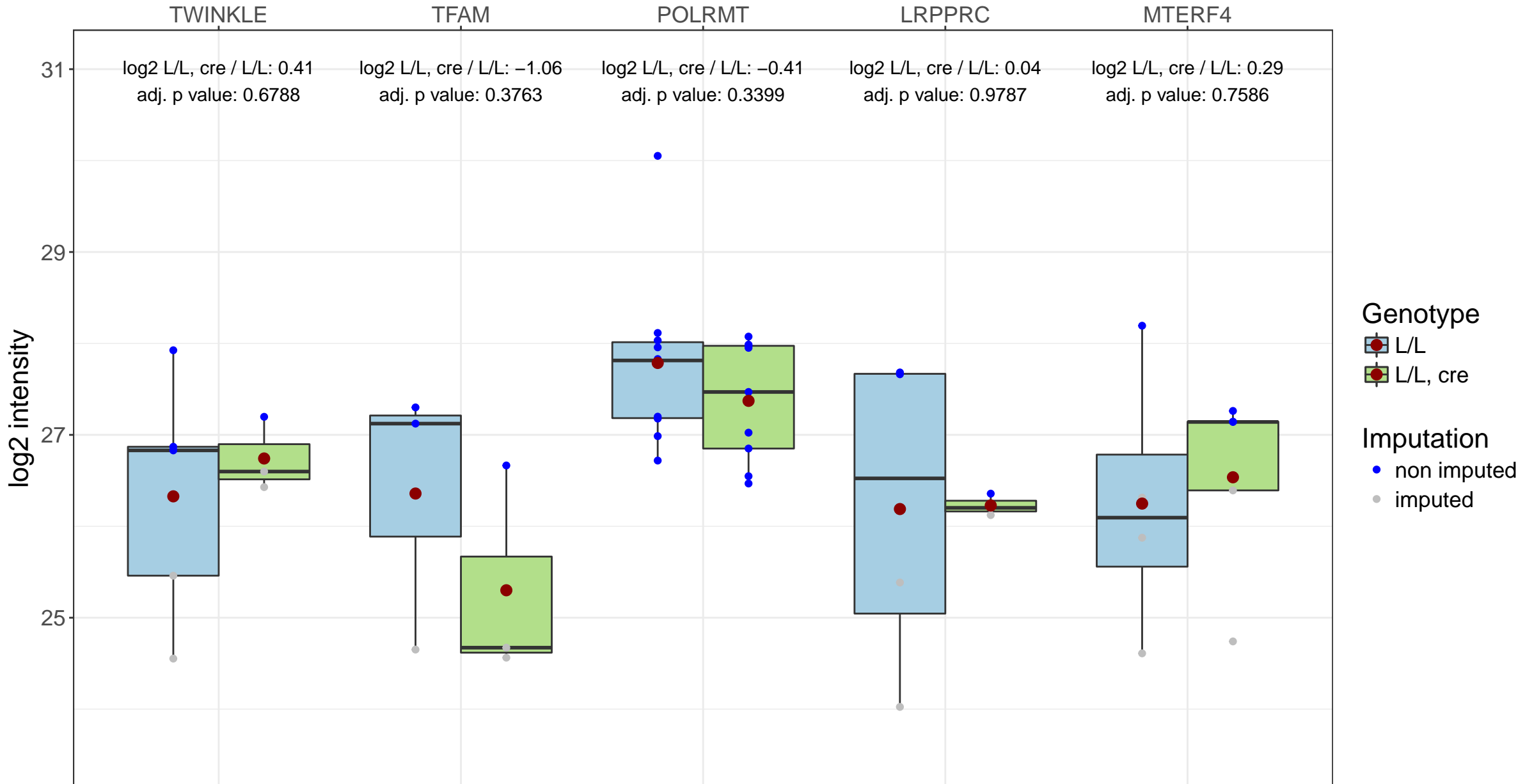
# PPOX / P51175



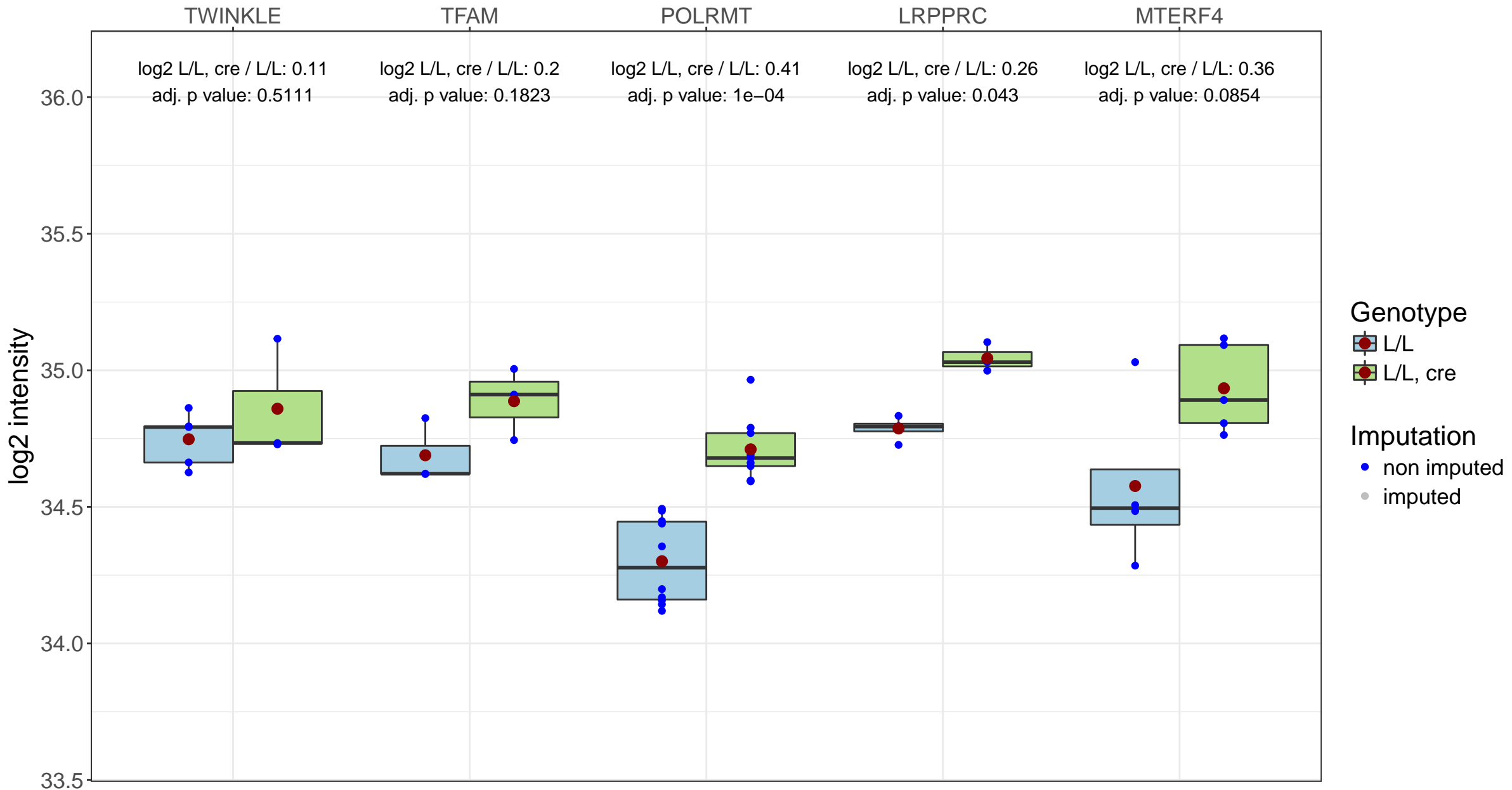
# PPTC7 / Q6NVE9



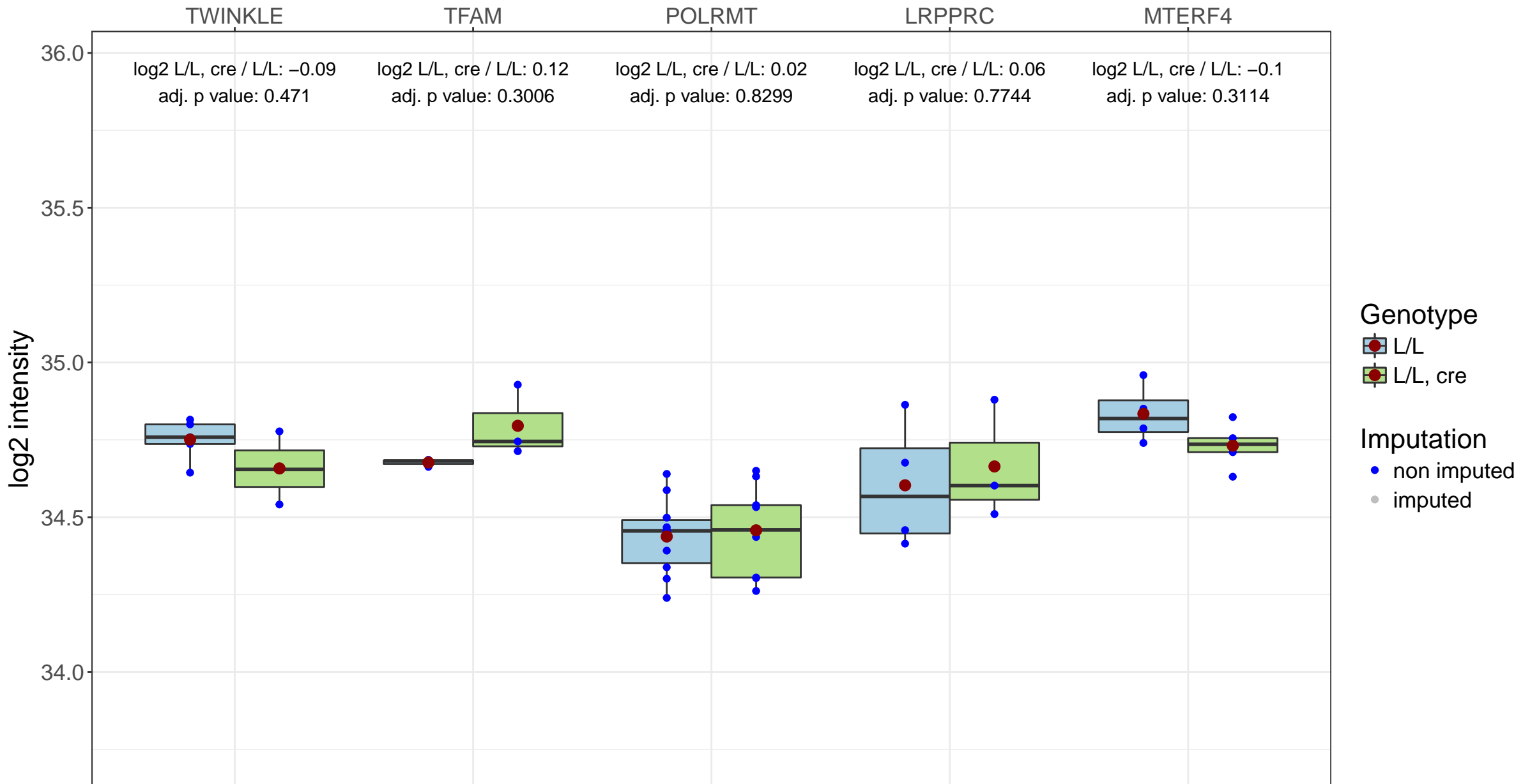
# PRDX1 / P35700



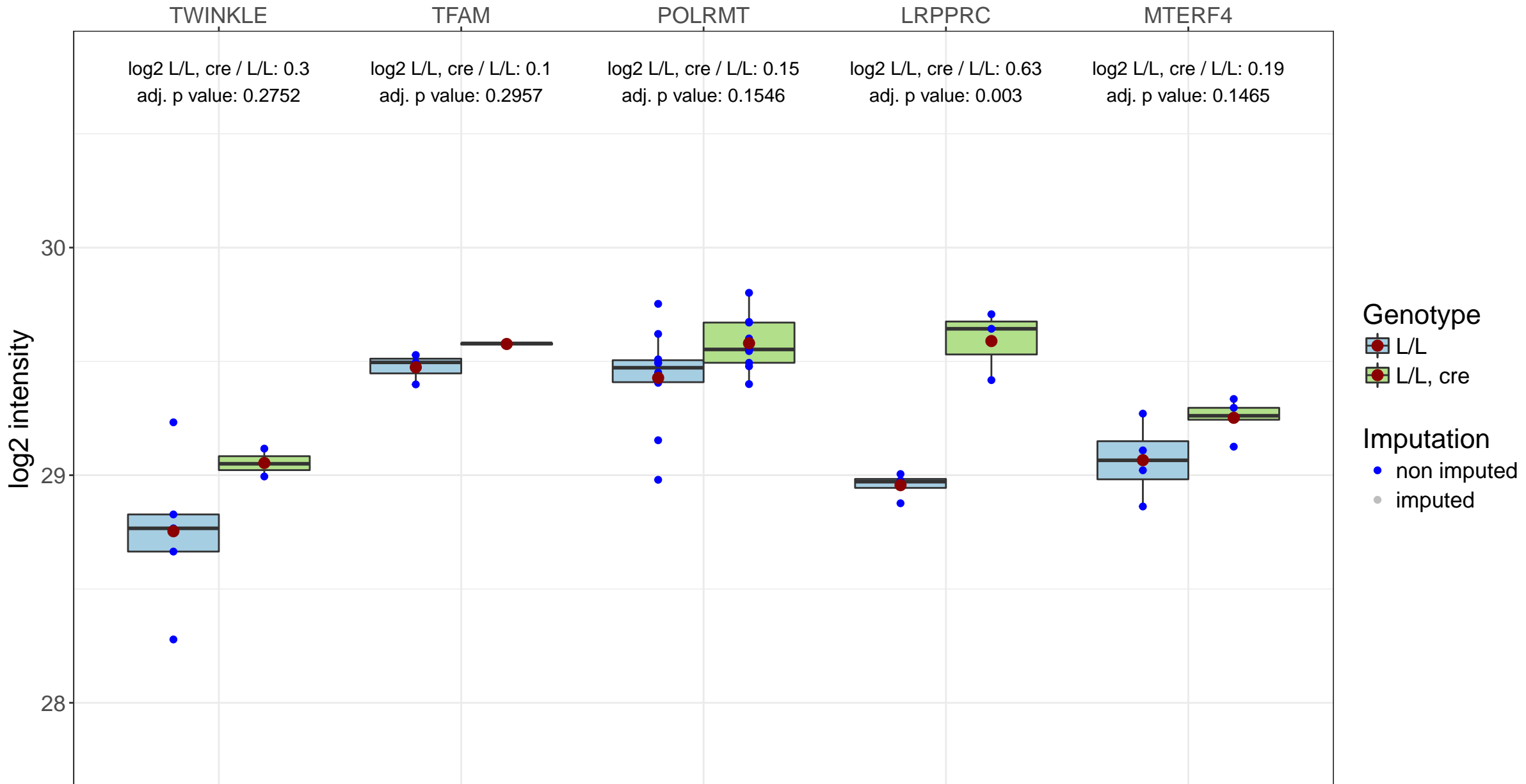
# PRDX3 / P20108



# PRDX5 / P99029-2

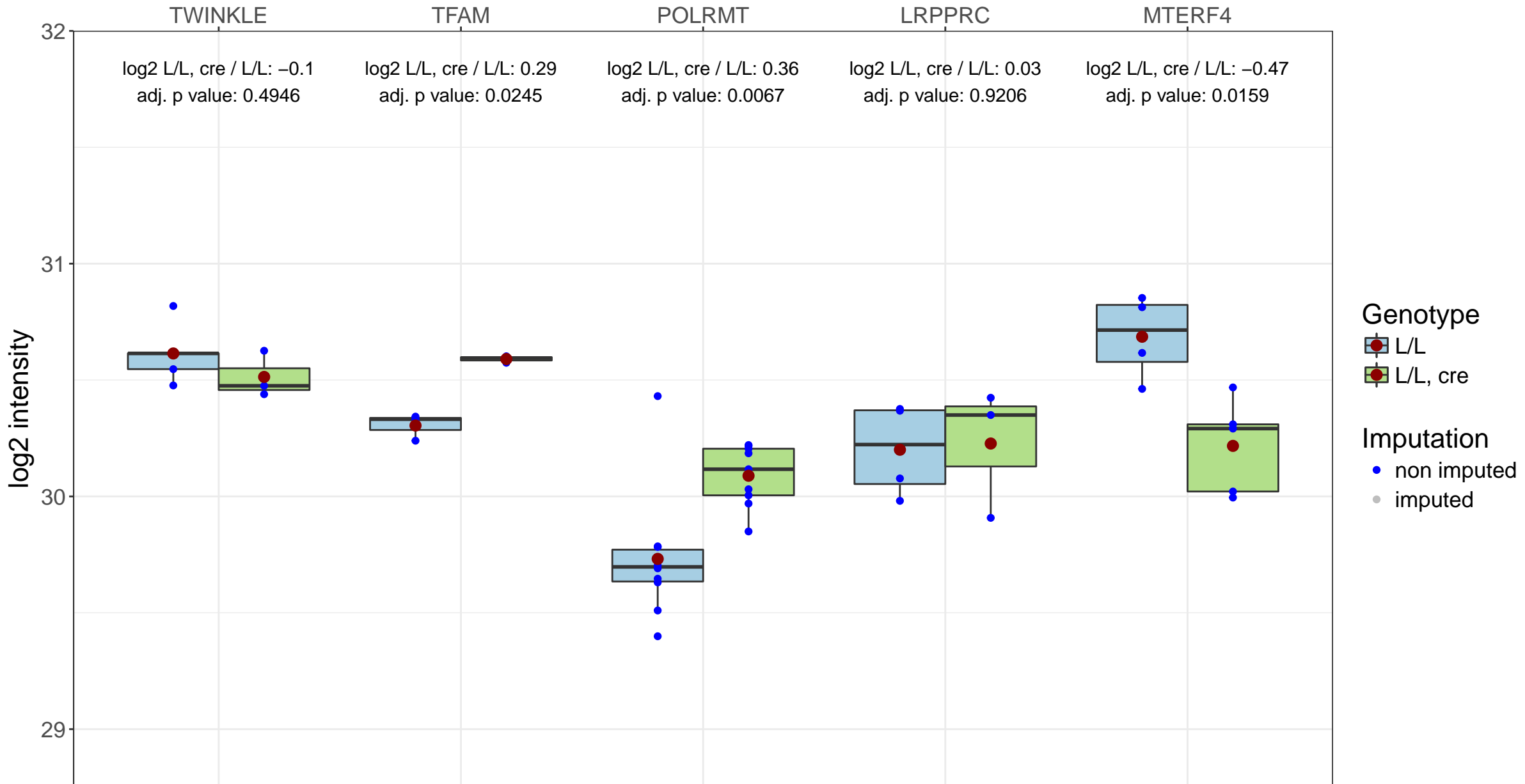


# PRODH / Q9WU79

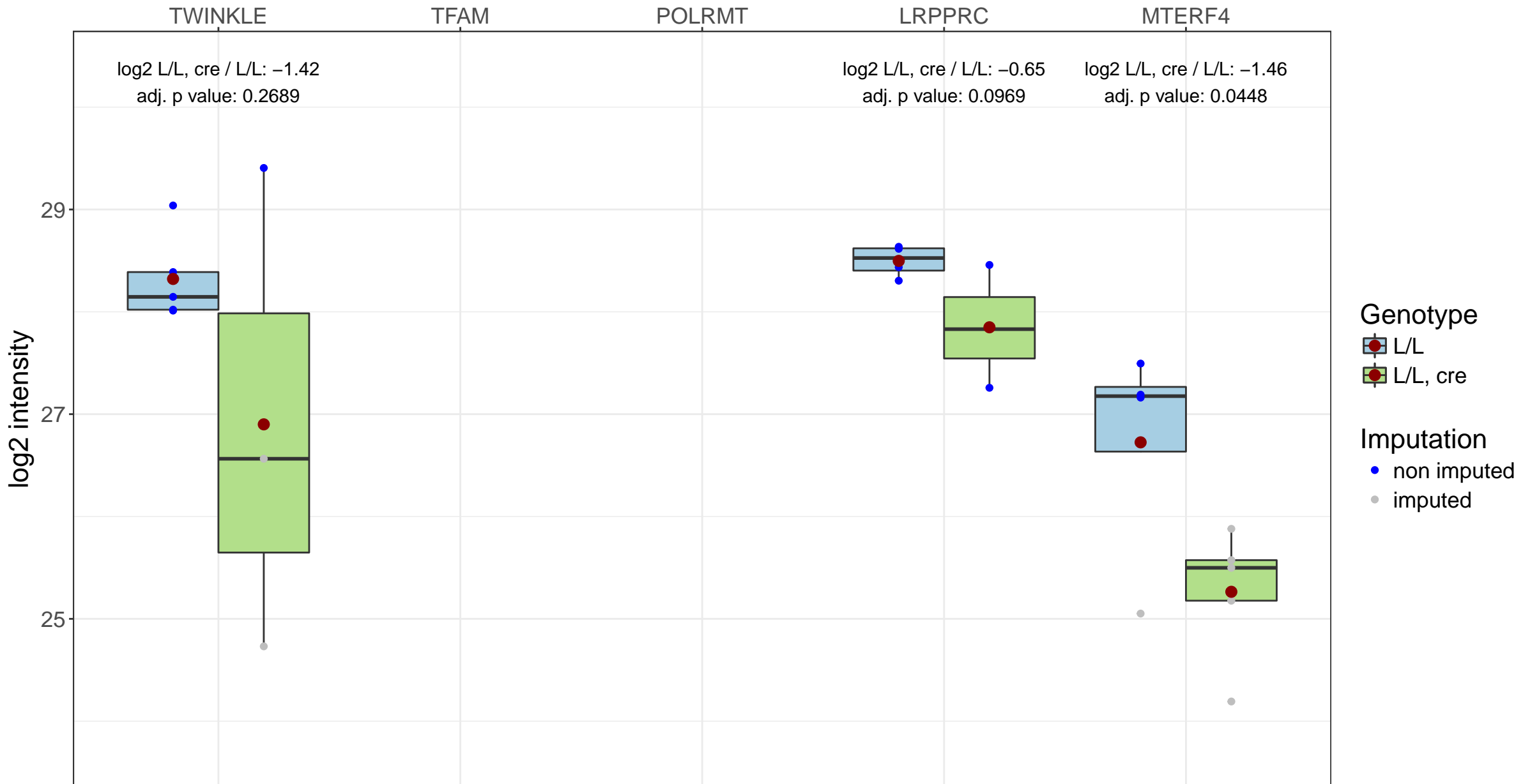




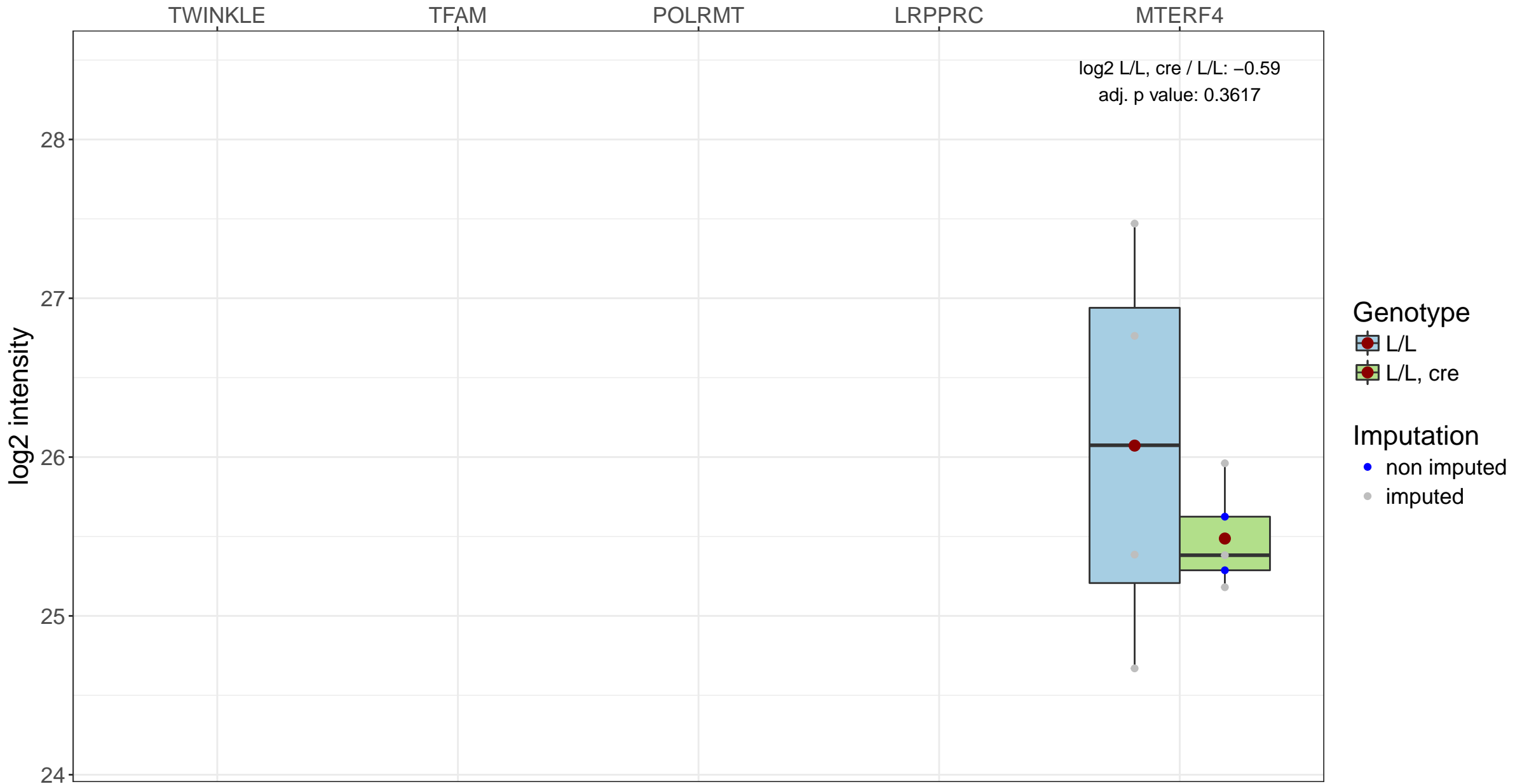
# PROSC / Q9Z2Y8



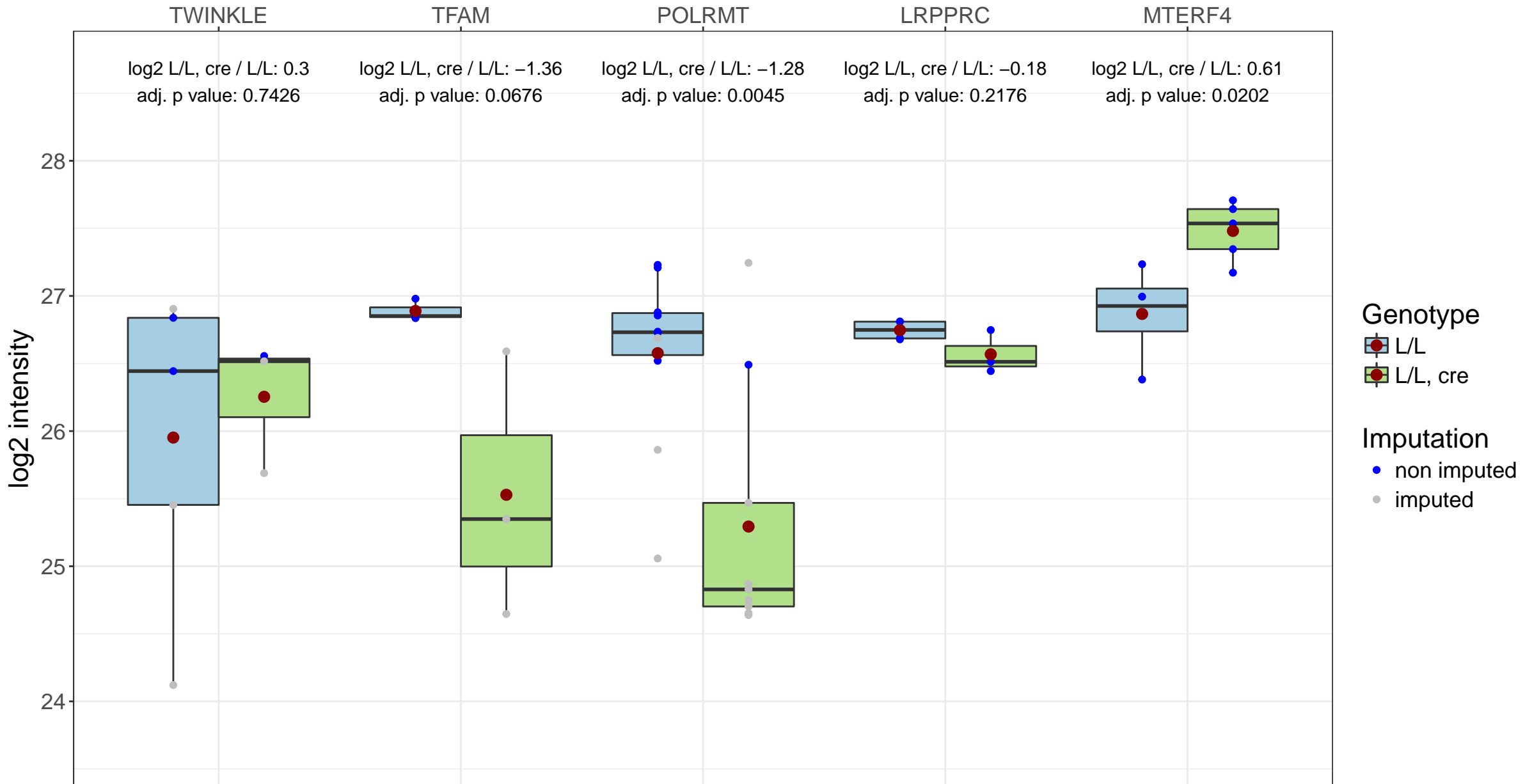
# PSAP / E9PZ00



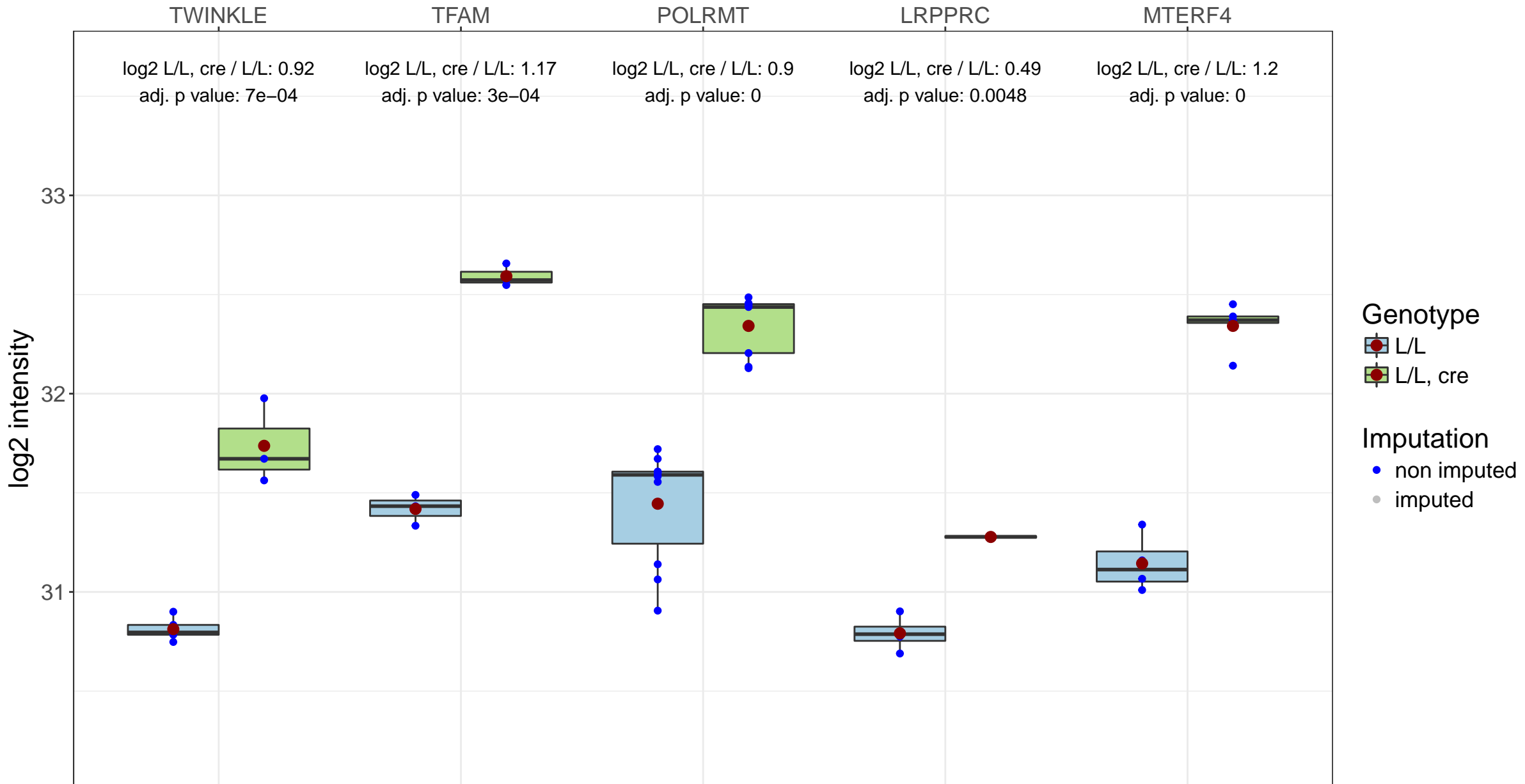
# PTCD1 / Q8C2E4



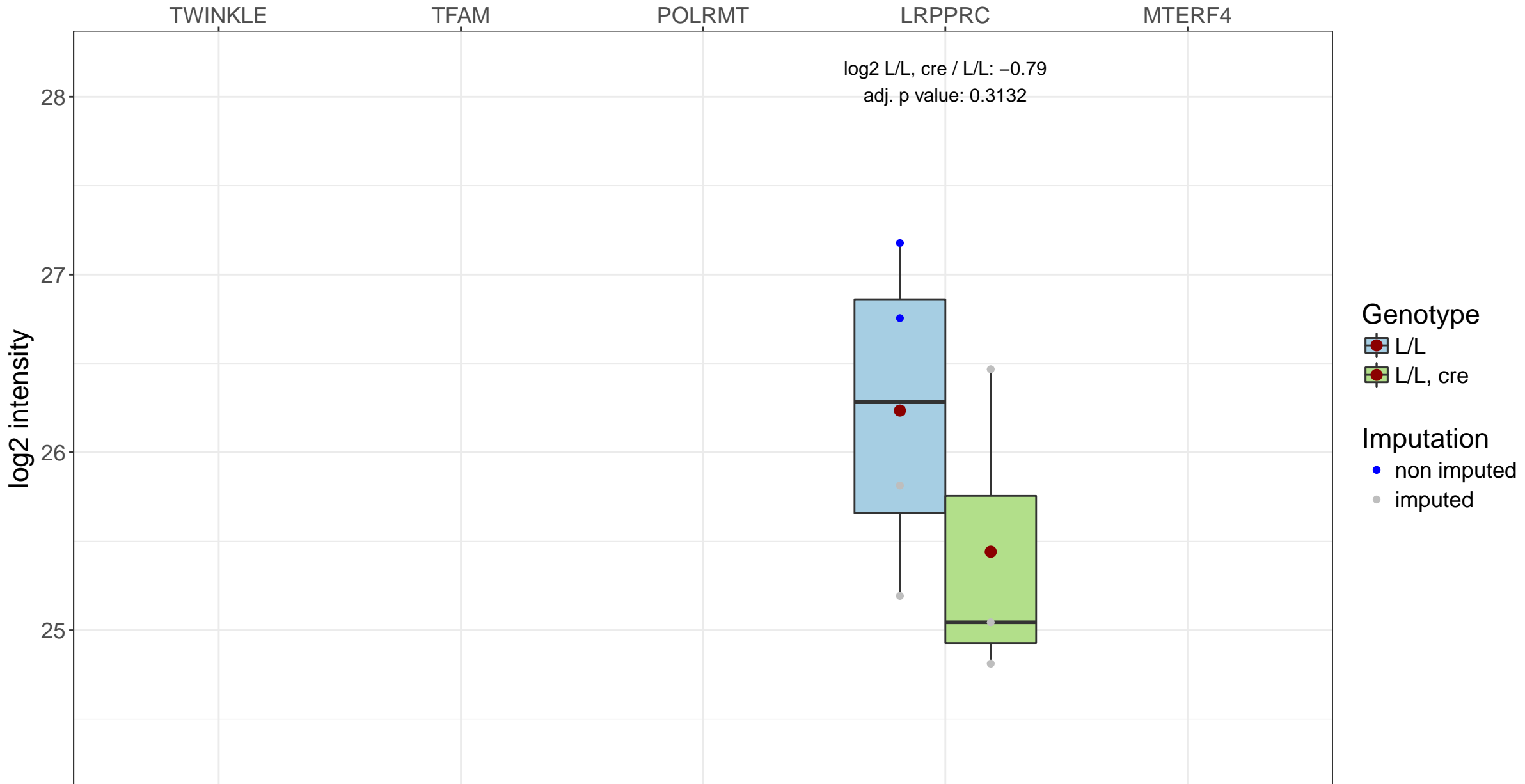
# PTCD2 / Q8R3K3



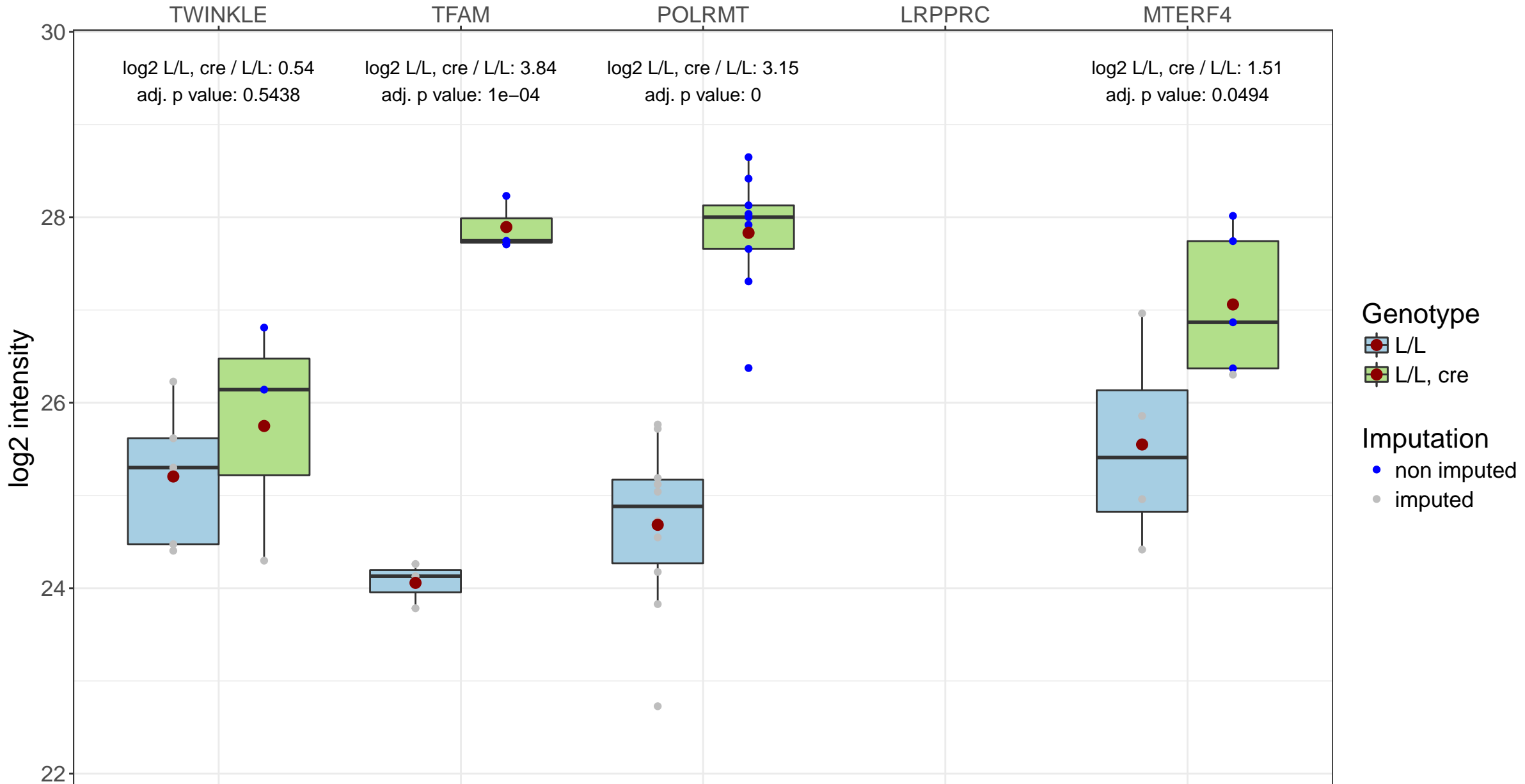
# PTGES2 / Q8BWM0



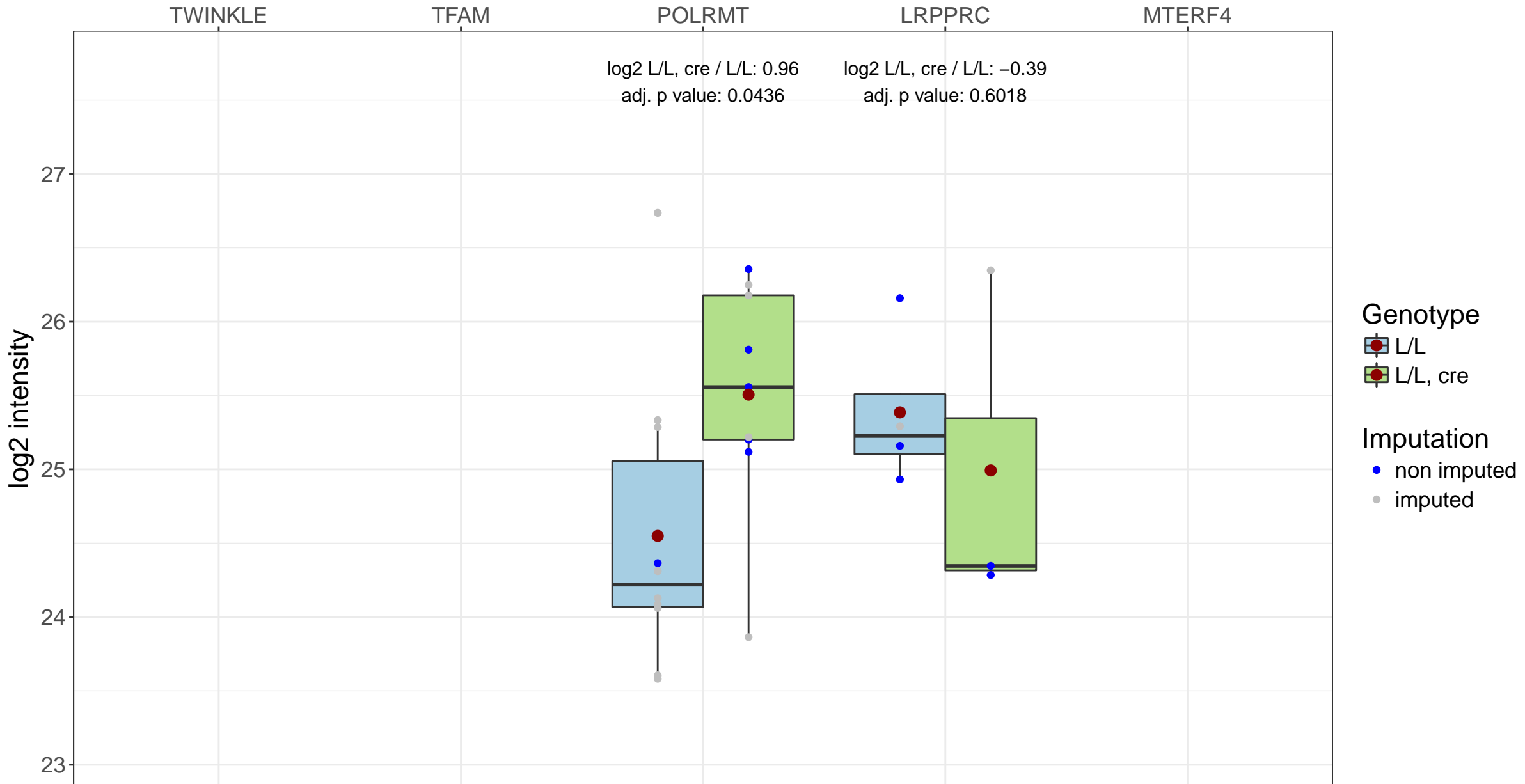
# PTGES3 / Q9R0Q7



# PTMA / P26350

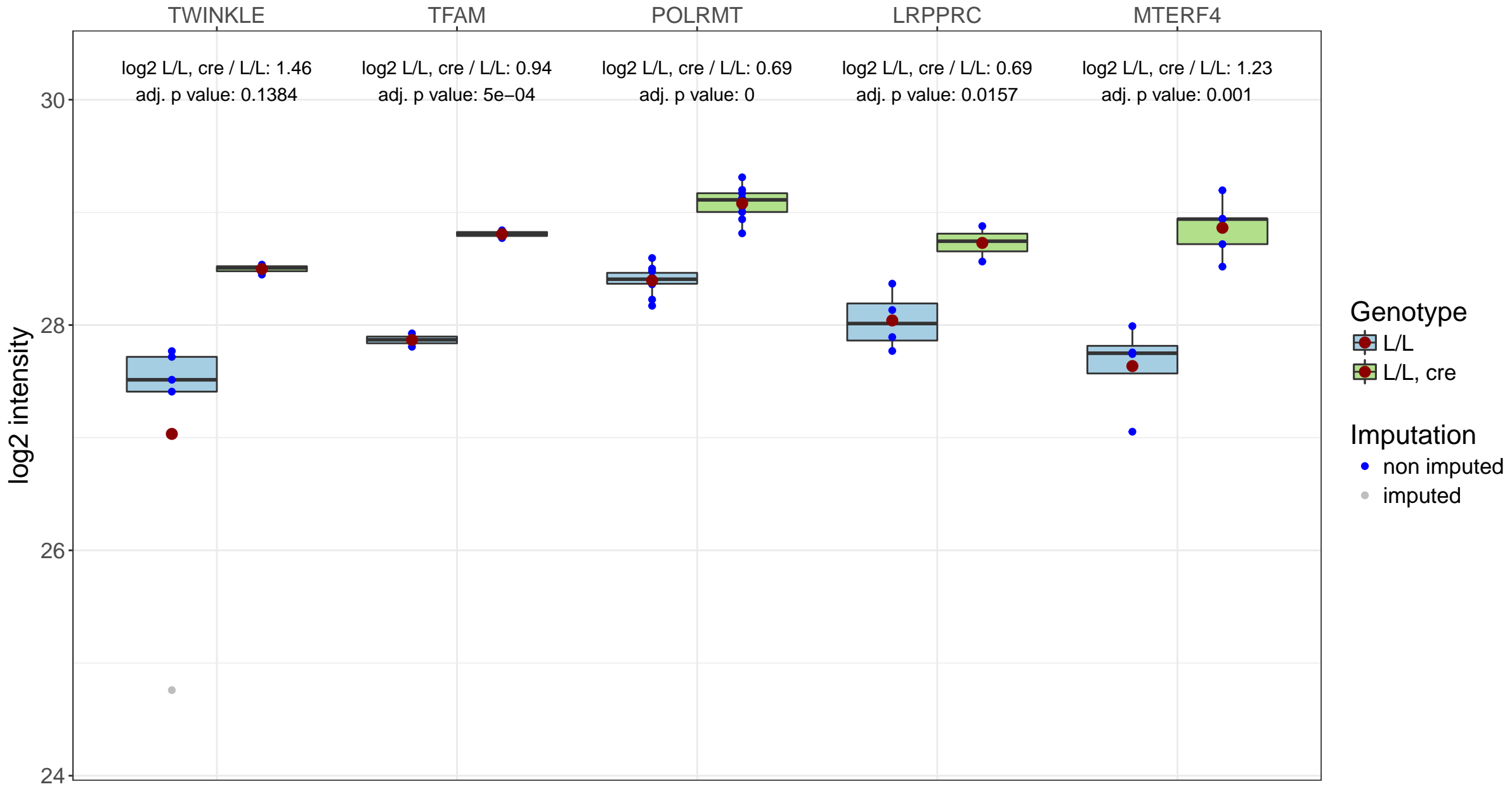


# PTMS / Q9D0J8

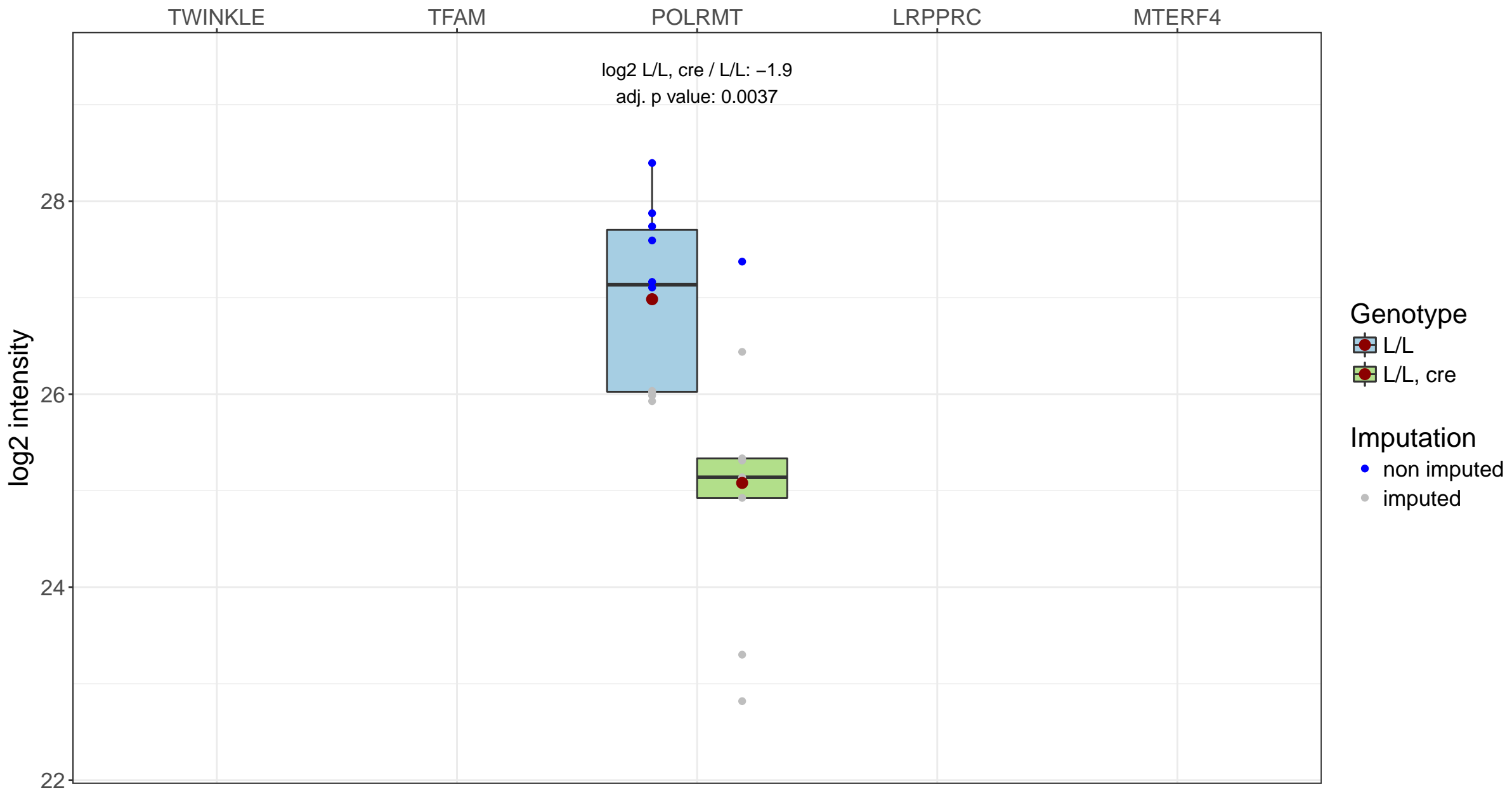




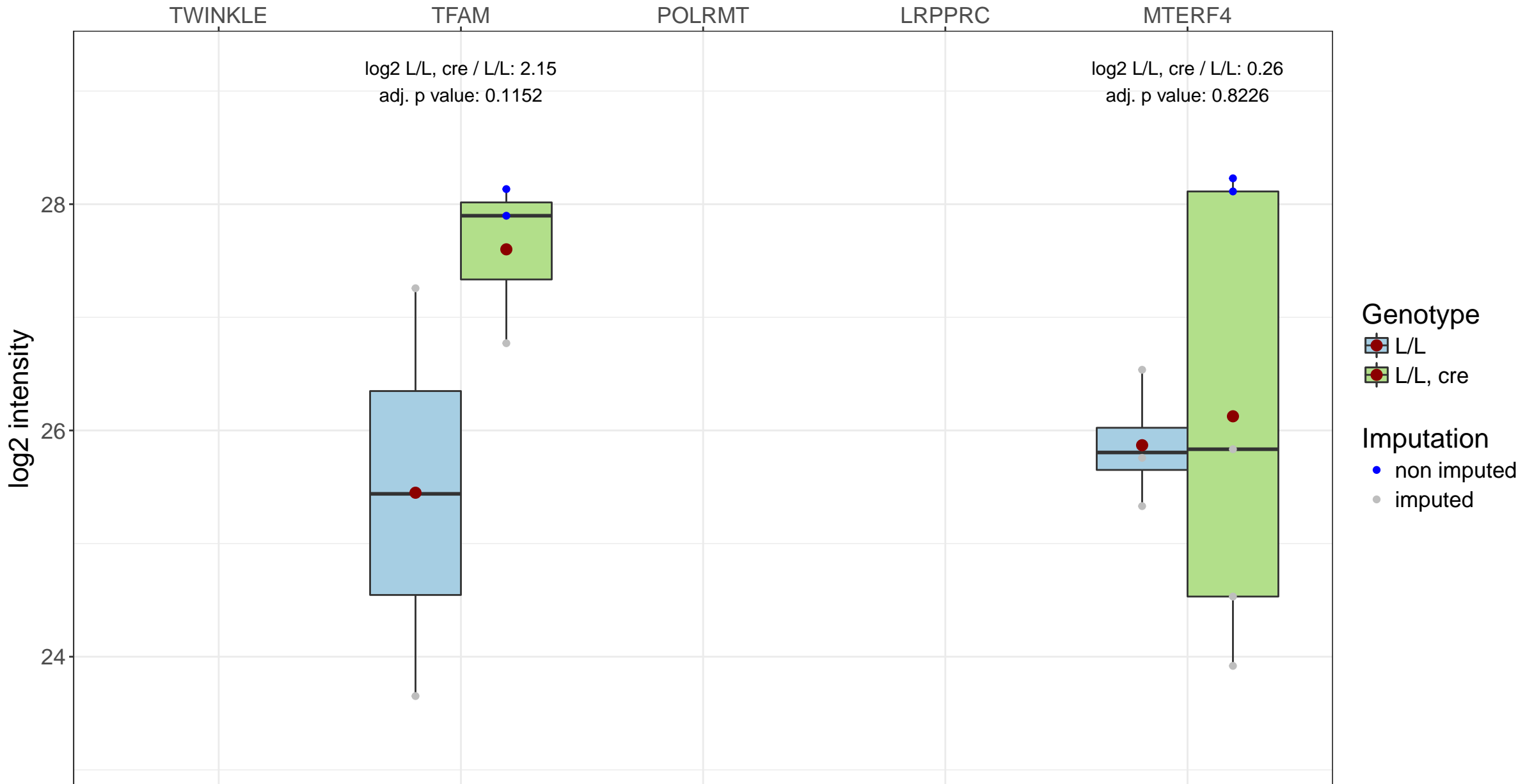
# PTPMT1 / Q66GT5



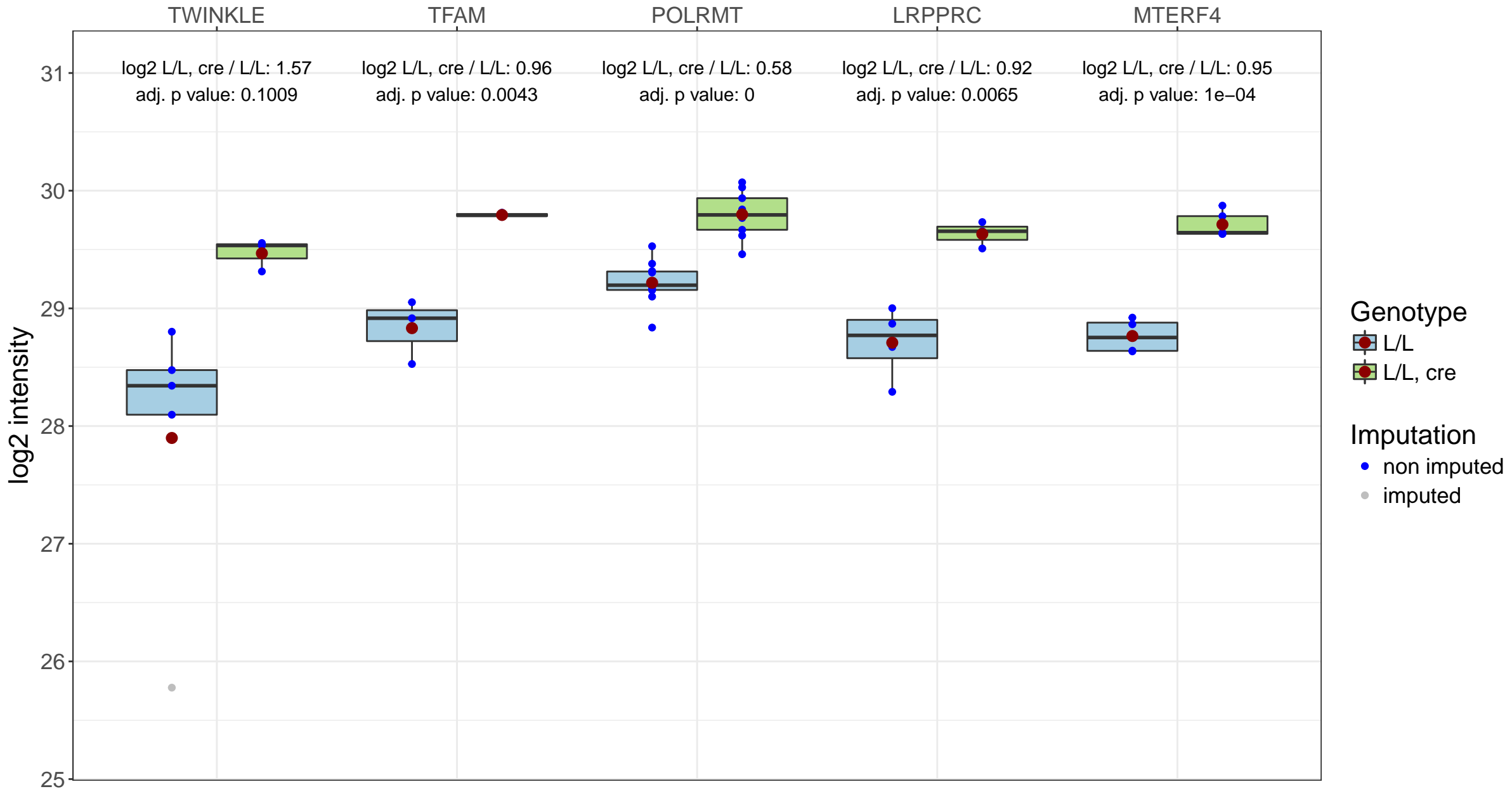
# PTRF / O54724



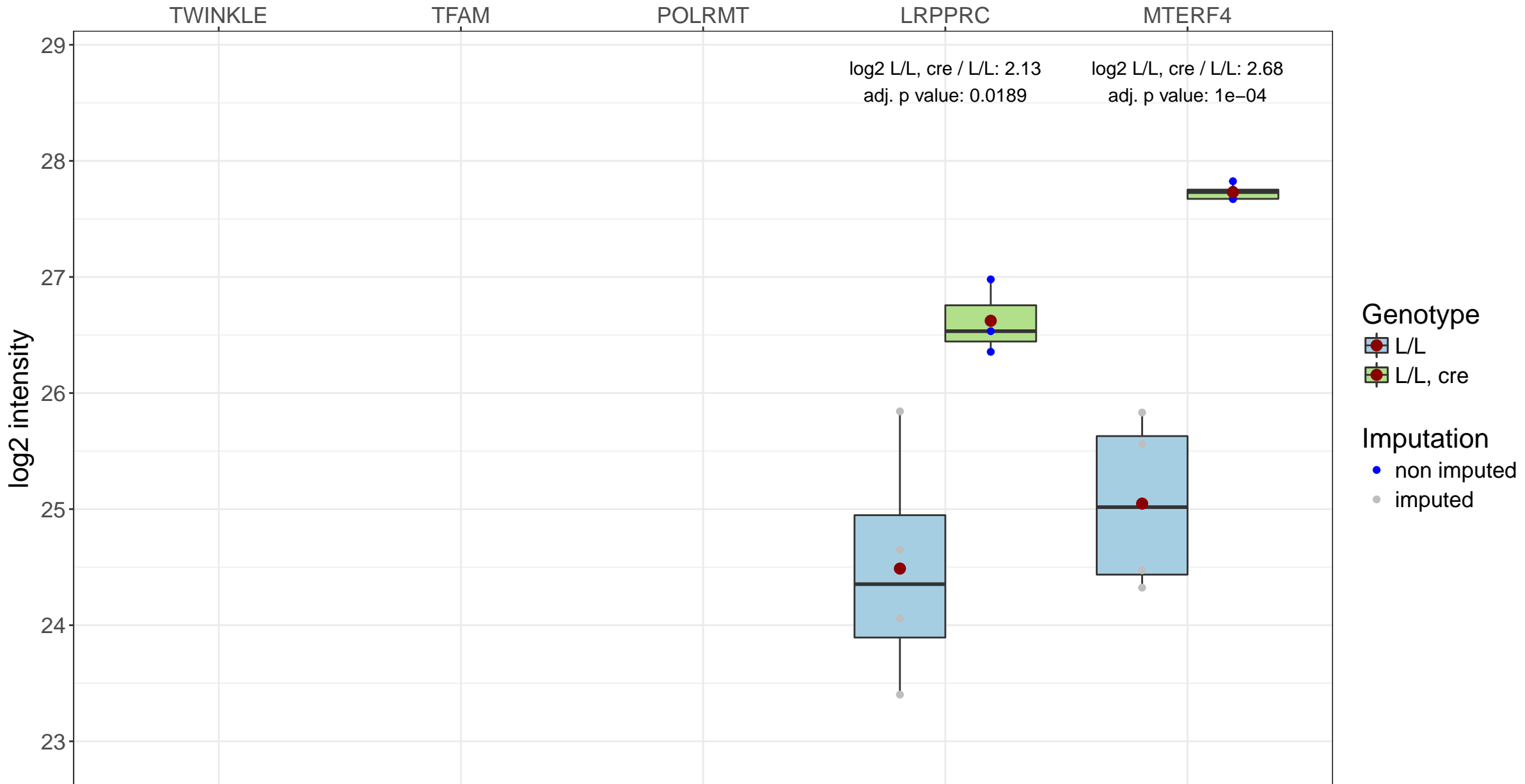
# PTRH1 / Q8BW00



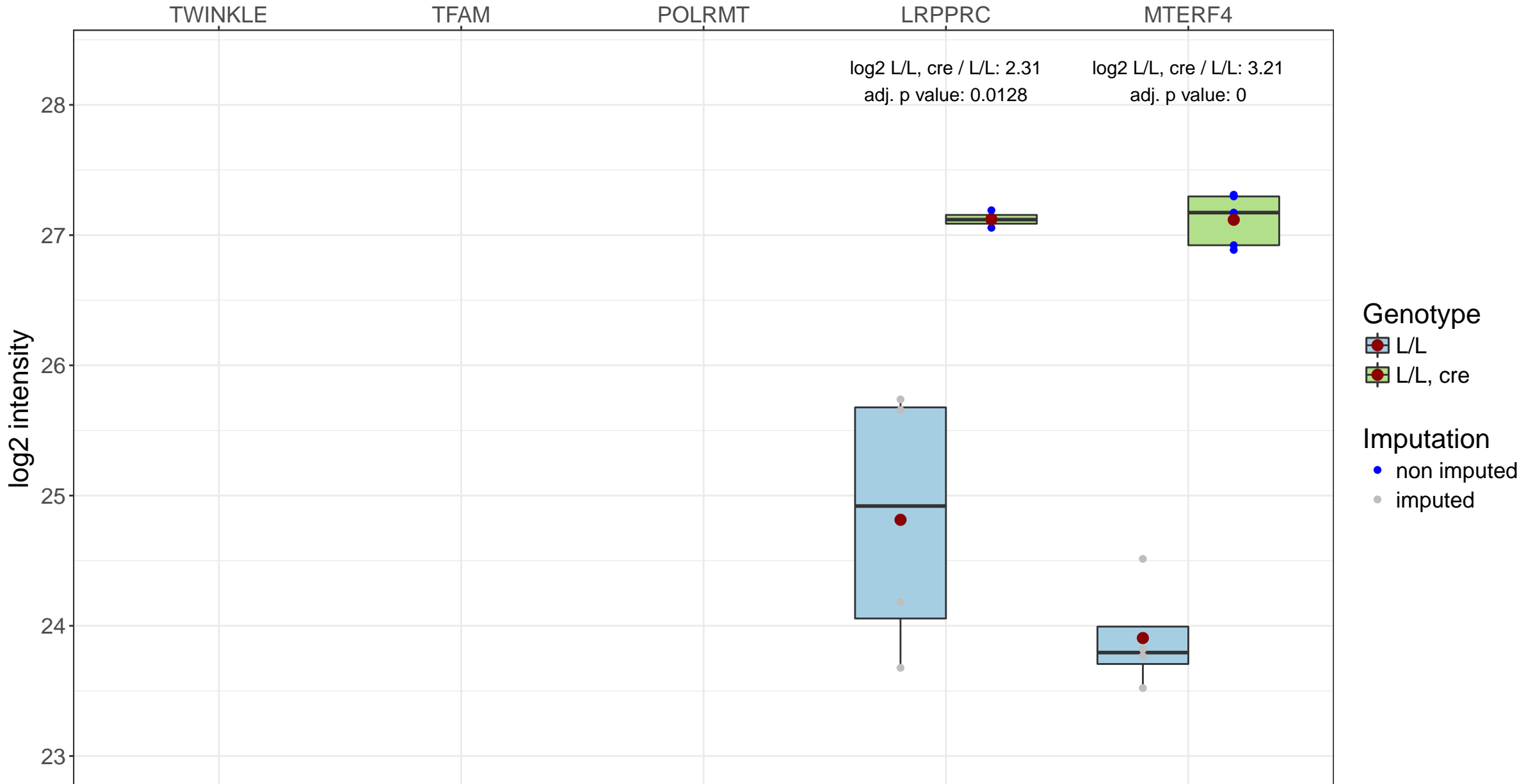
# PTRH2 / Q8R2Y8



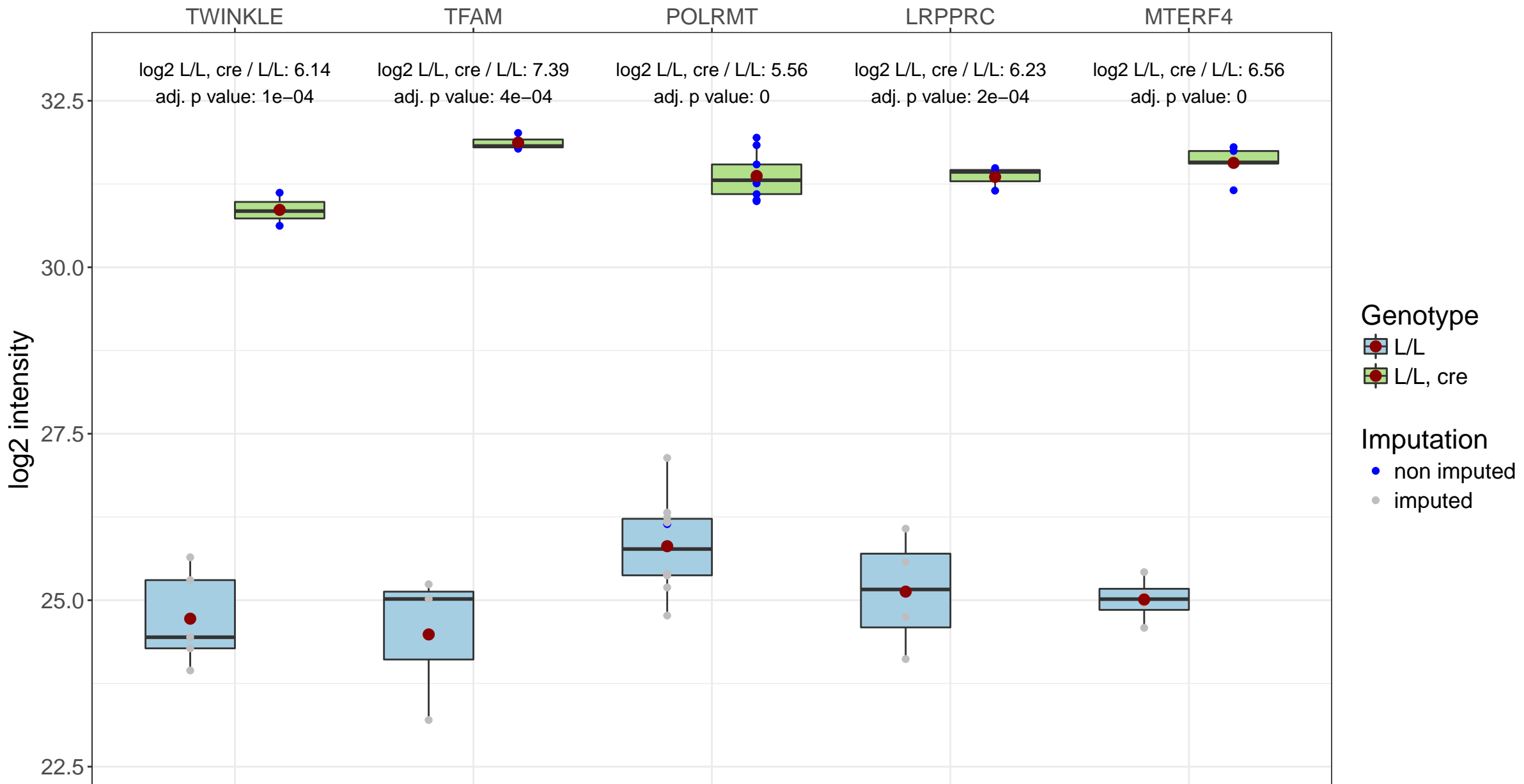
# PUS1 / Q9WU56



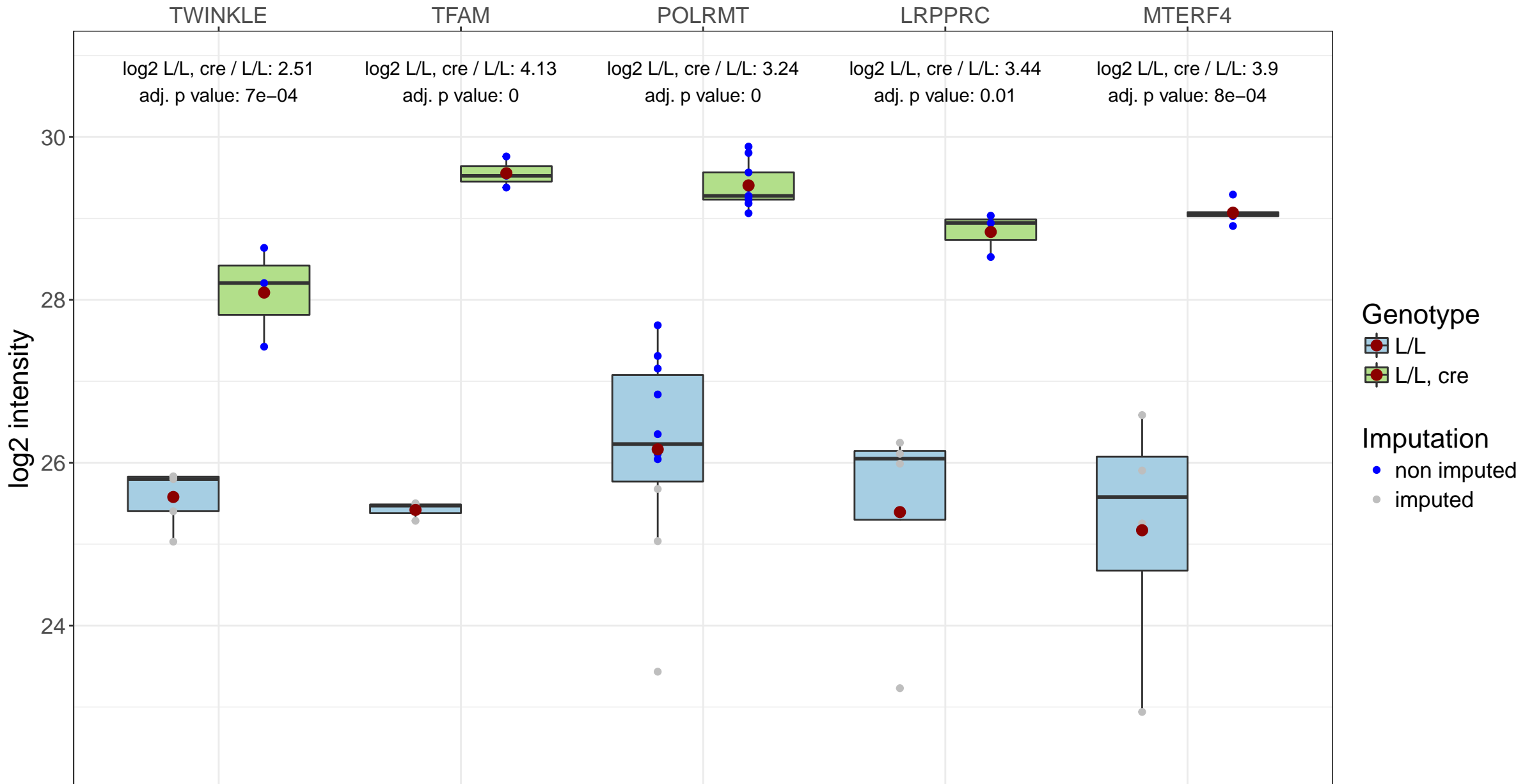
# PUSL1 / A2ADA5



# PYCR1 / Q922W5

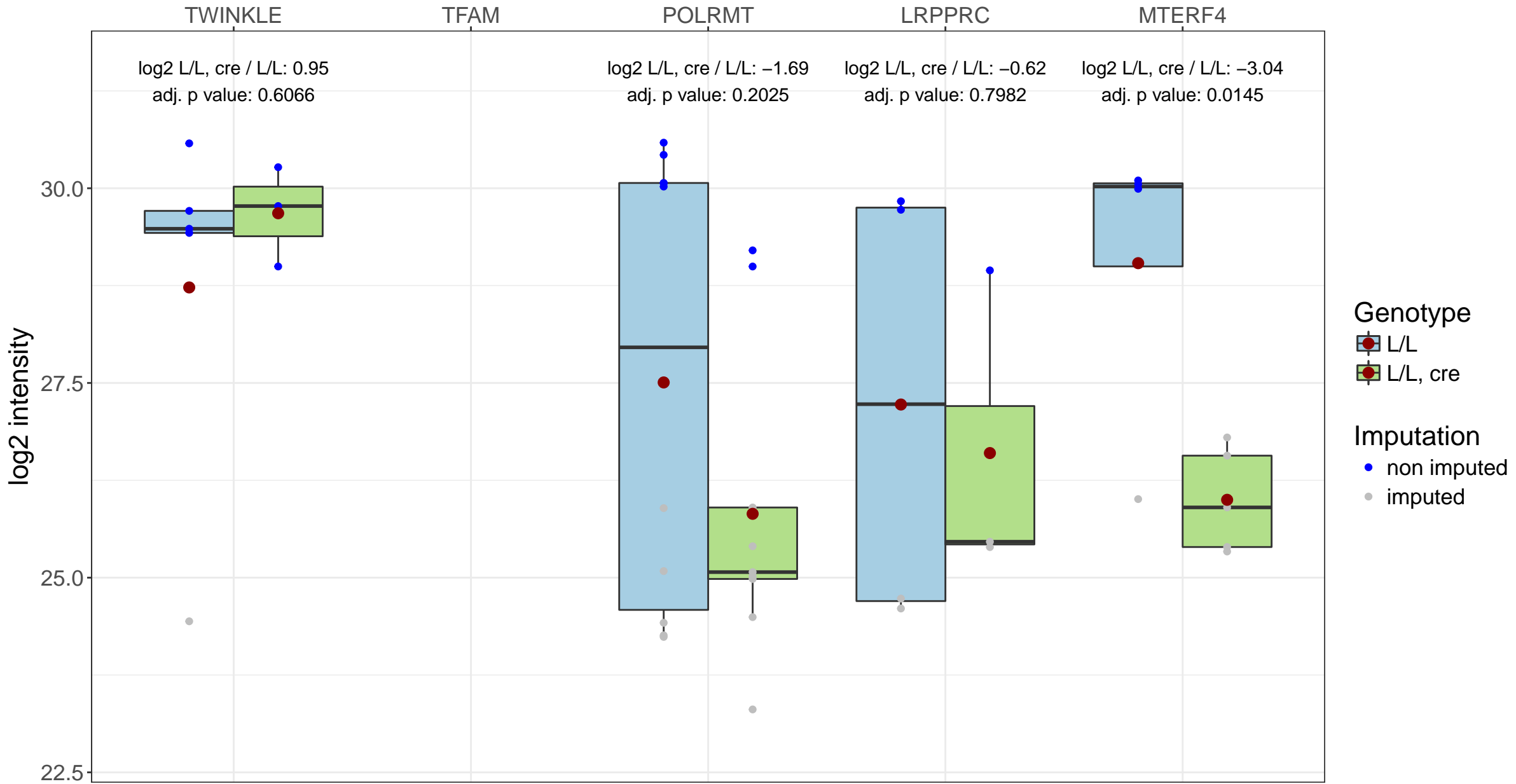


# PYCR2 / Q922Q4

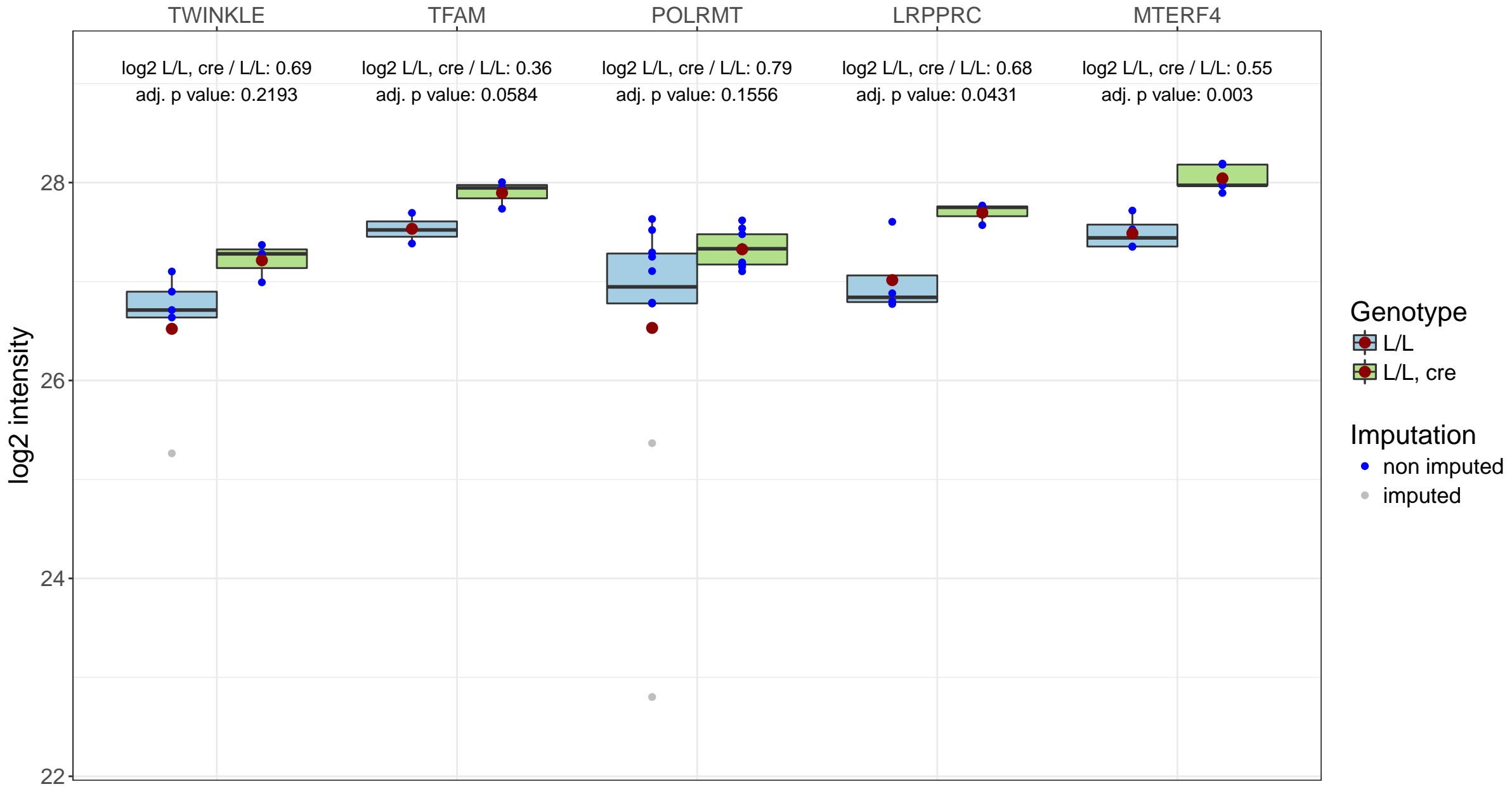




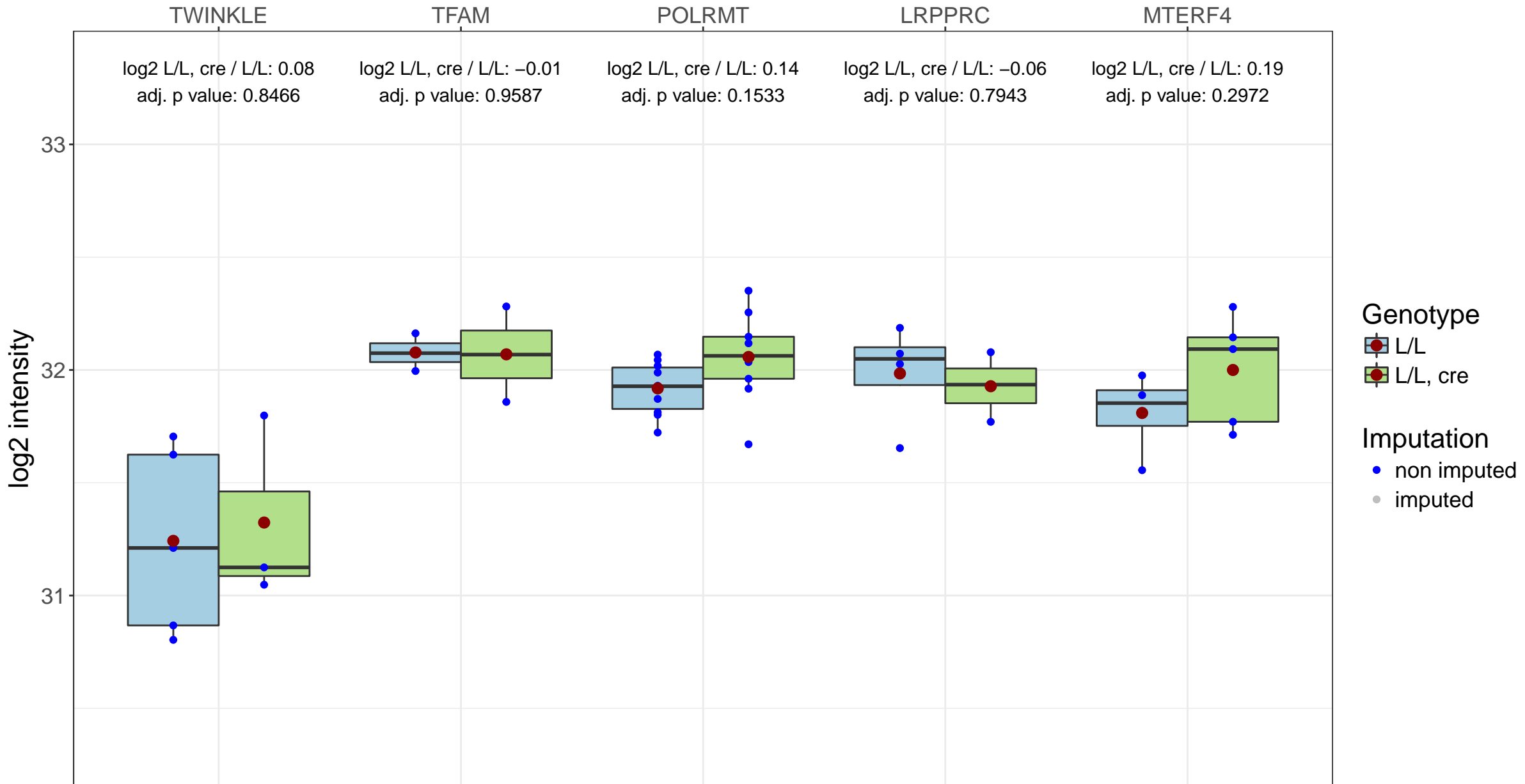
# PYURF / Q9D1C3



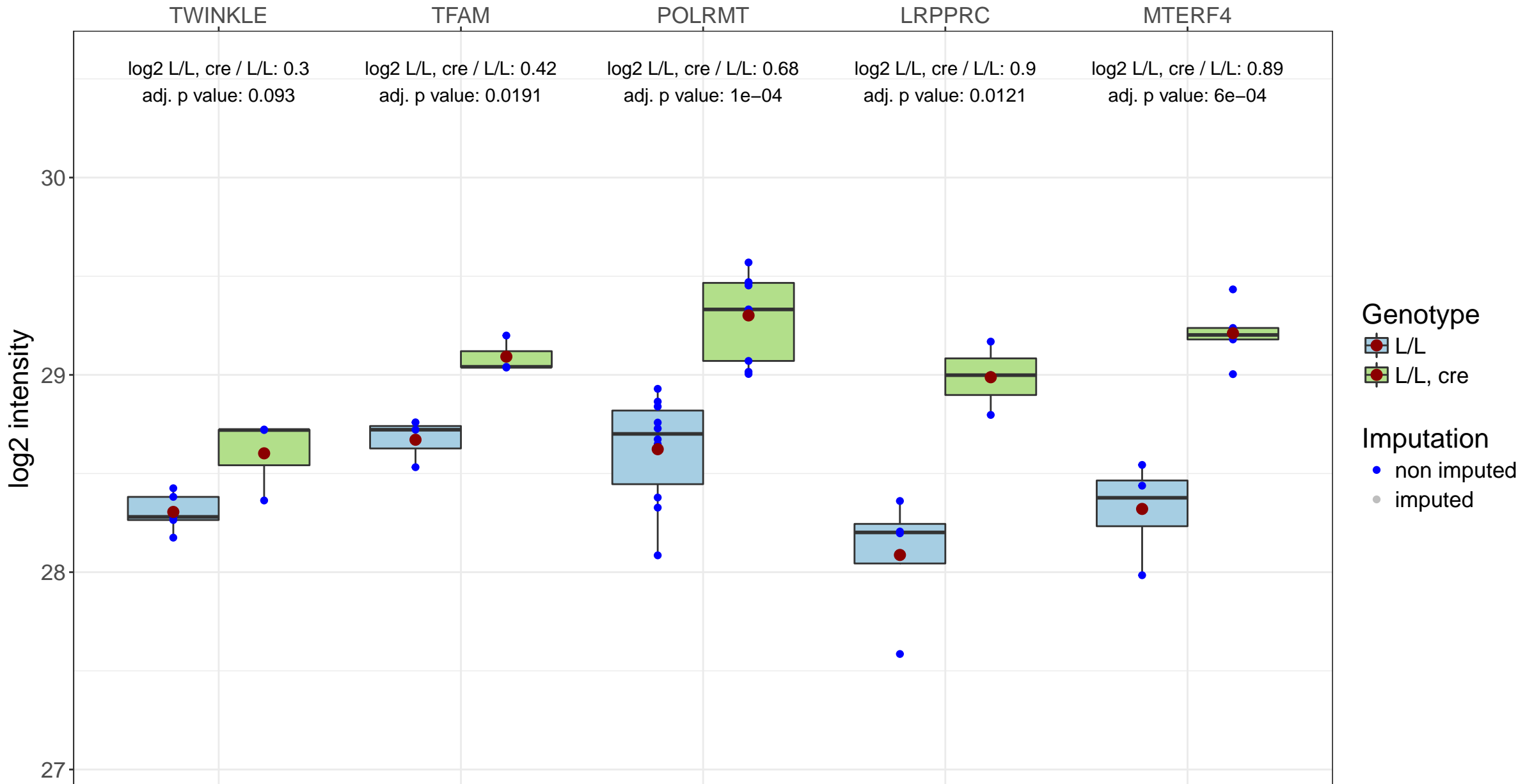
# QDPR / Q8BVI4



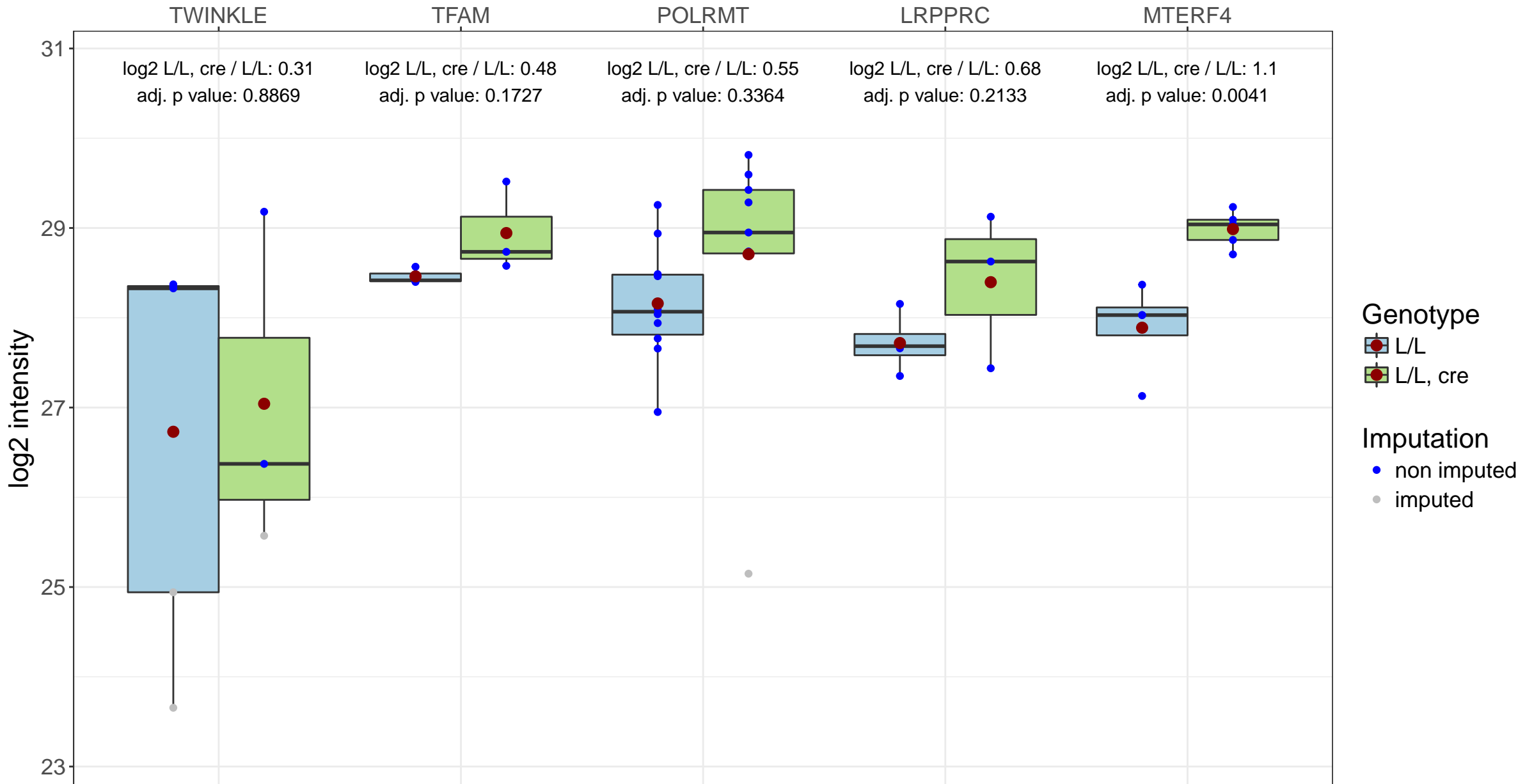
# QIL1 / Q8R404



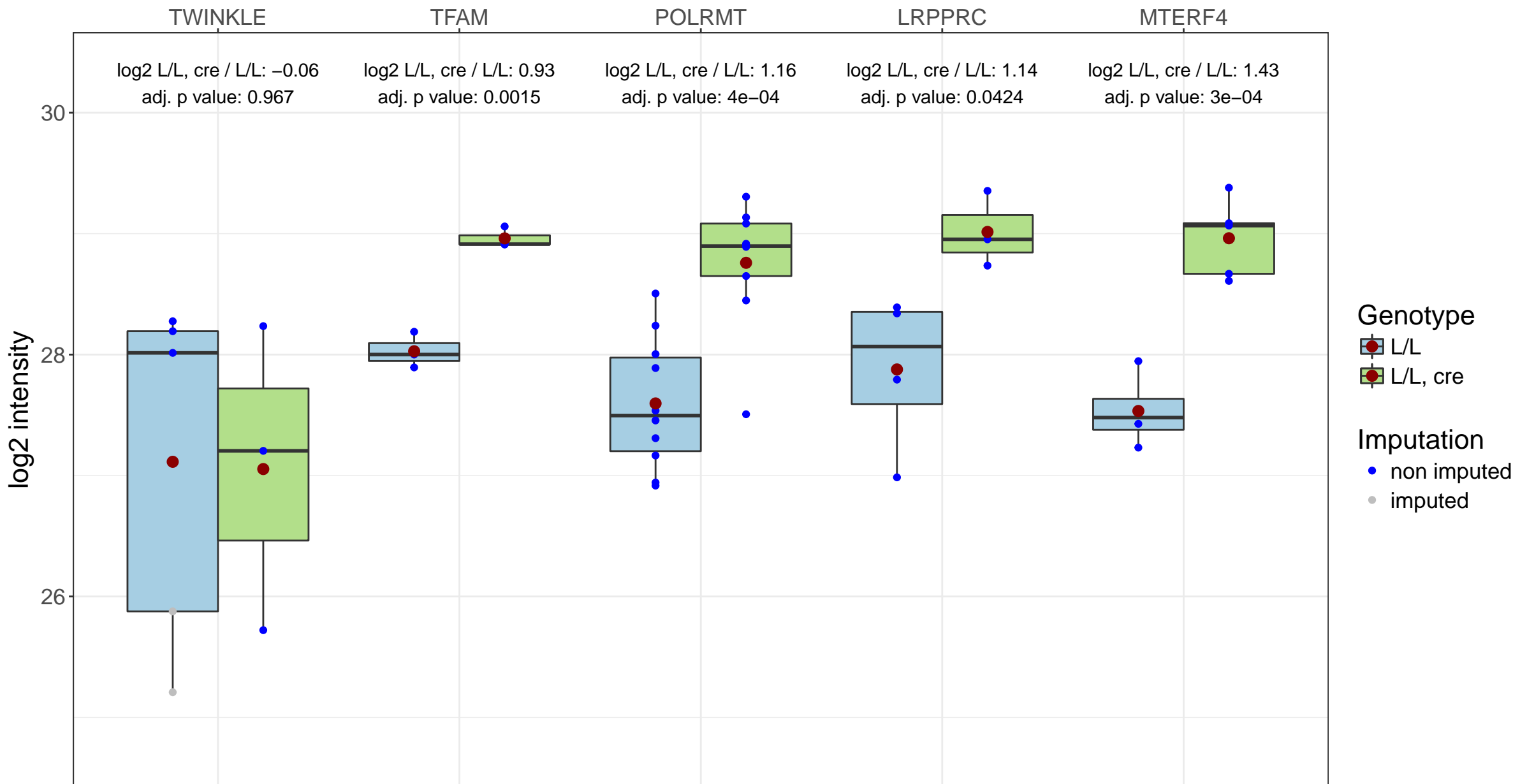
# QRSL1 / Q9CZN8



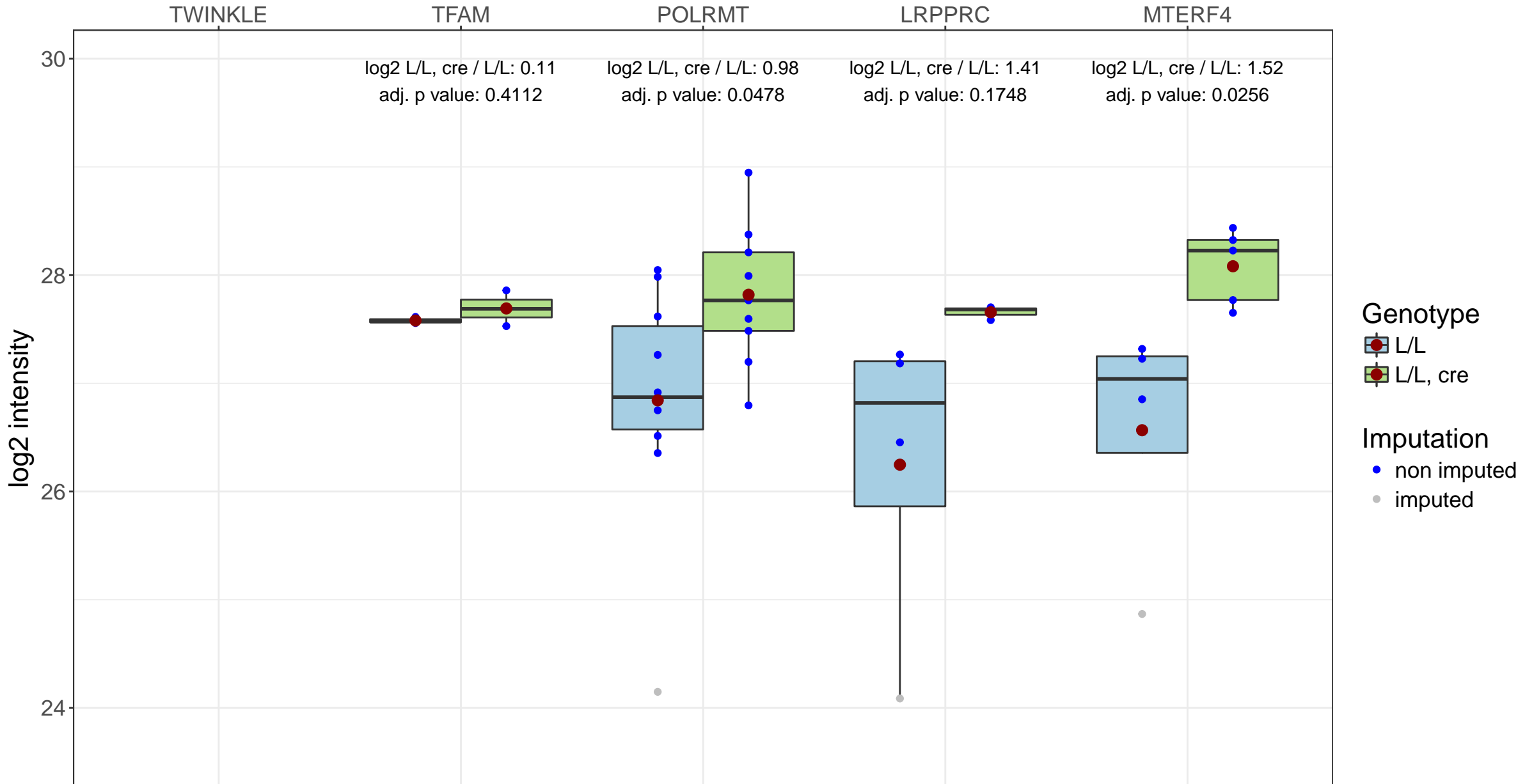
# RAB1 / Q5SW88



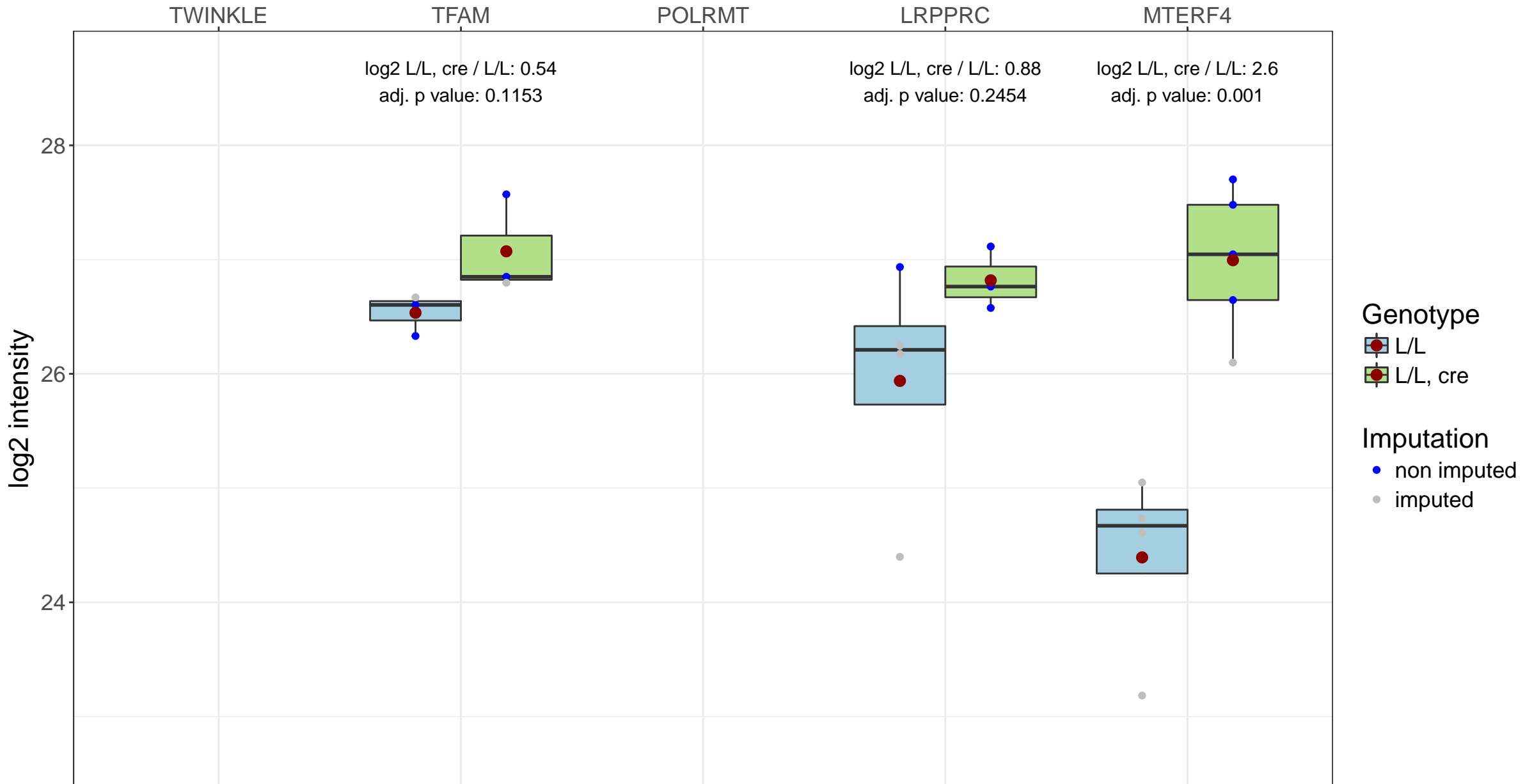
# RAB10 / P61027



# RAB11B / P46638

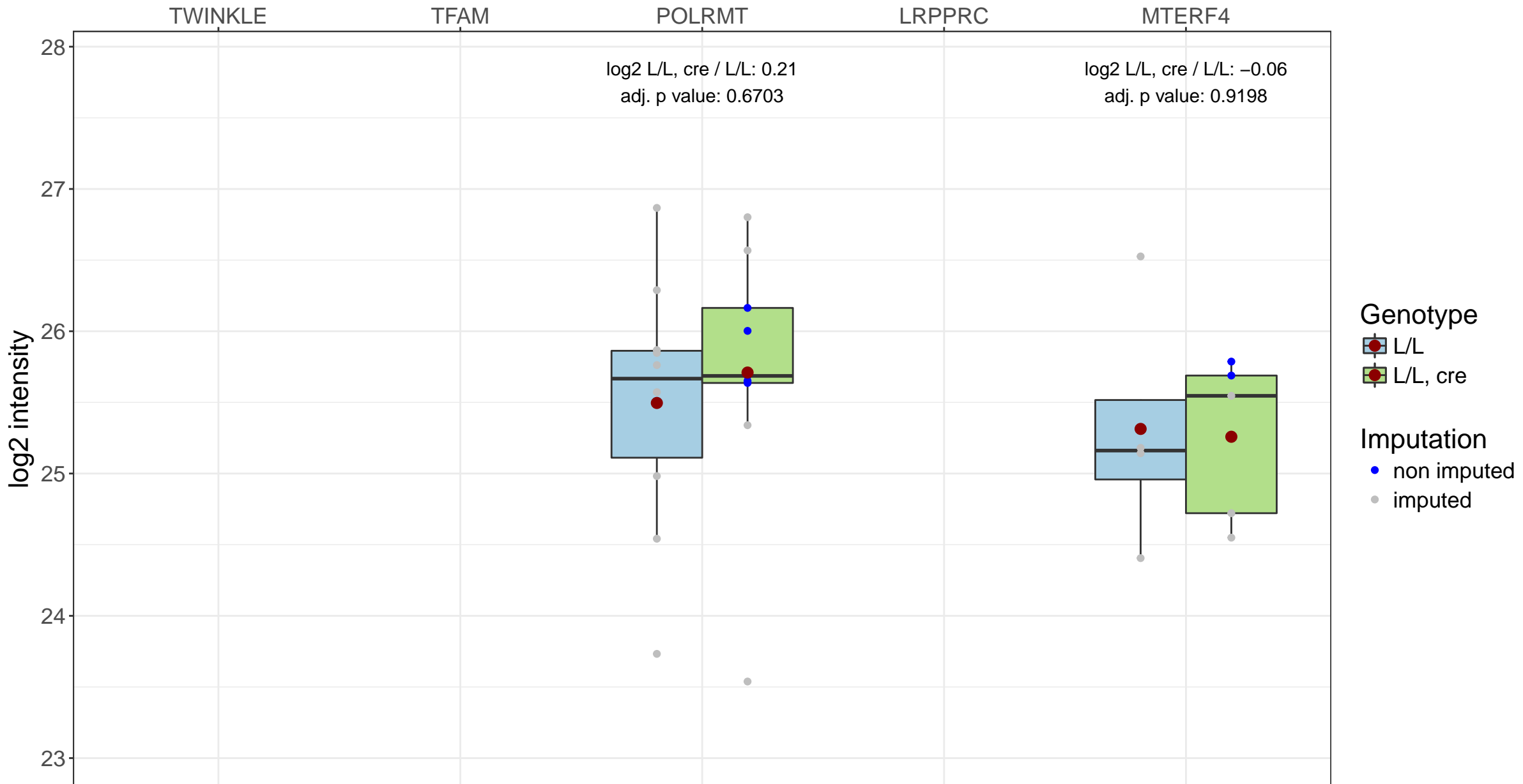


# RAB14 / Q91V41

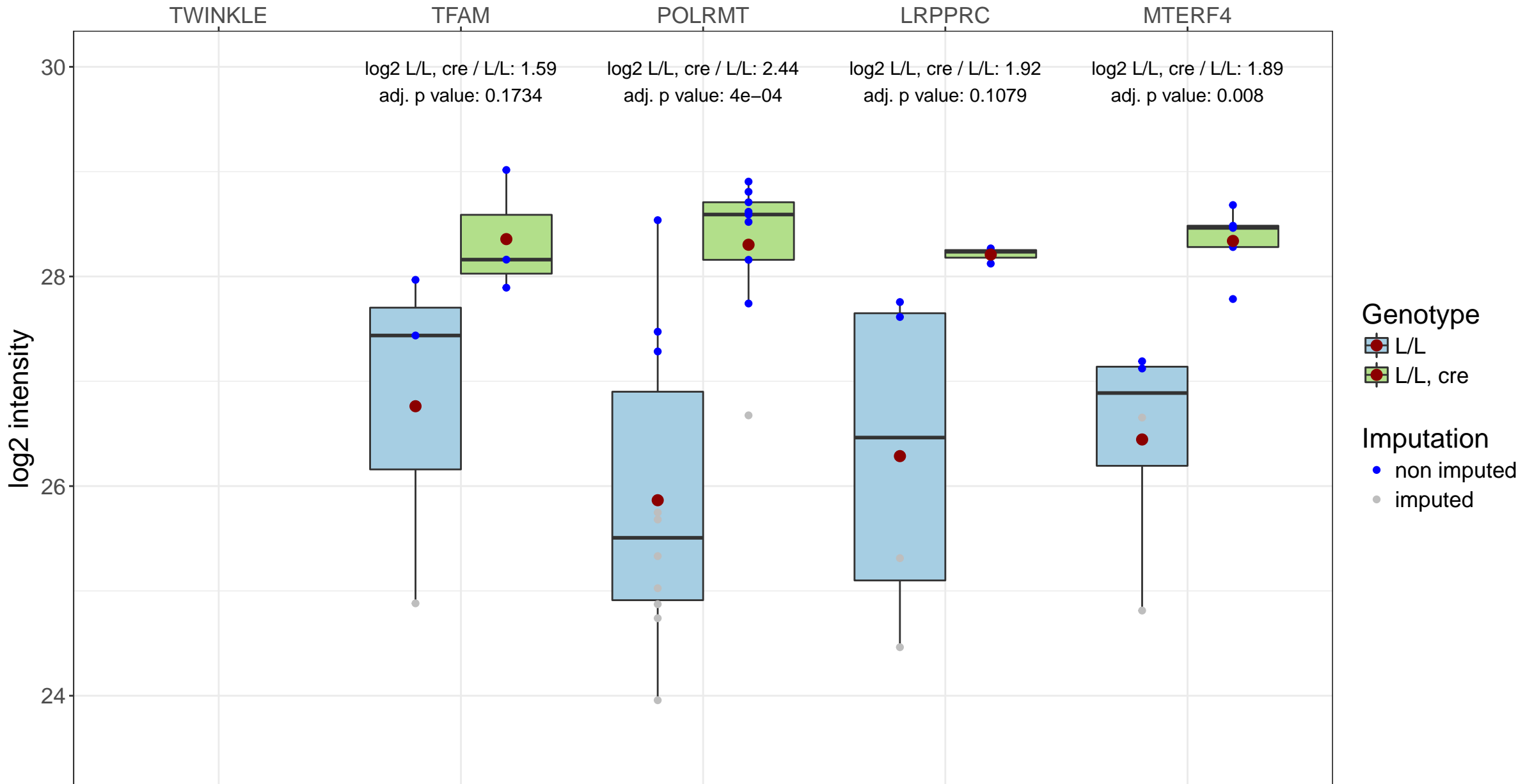




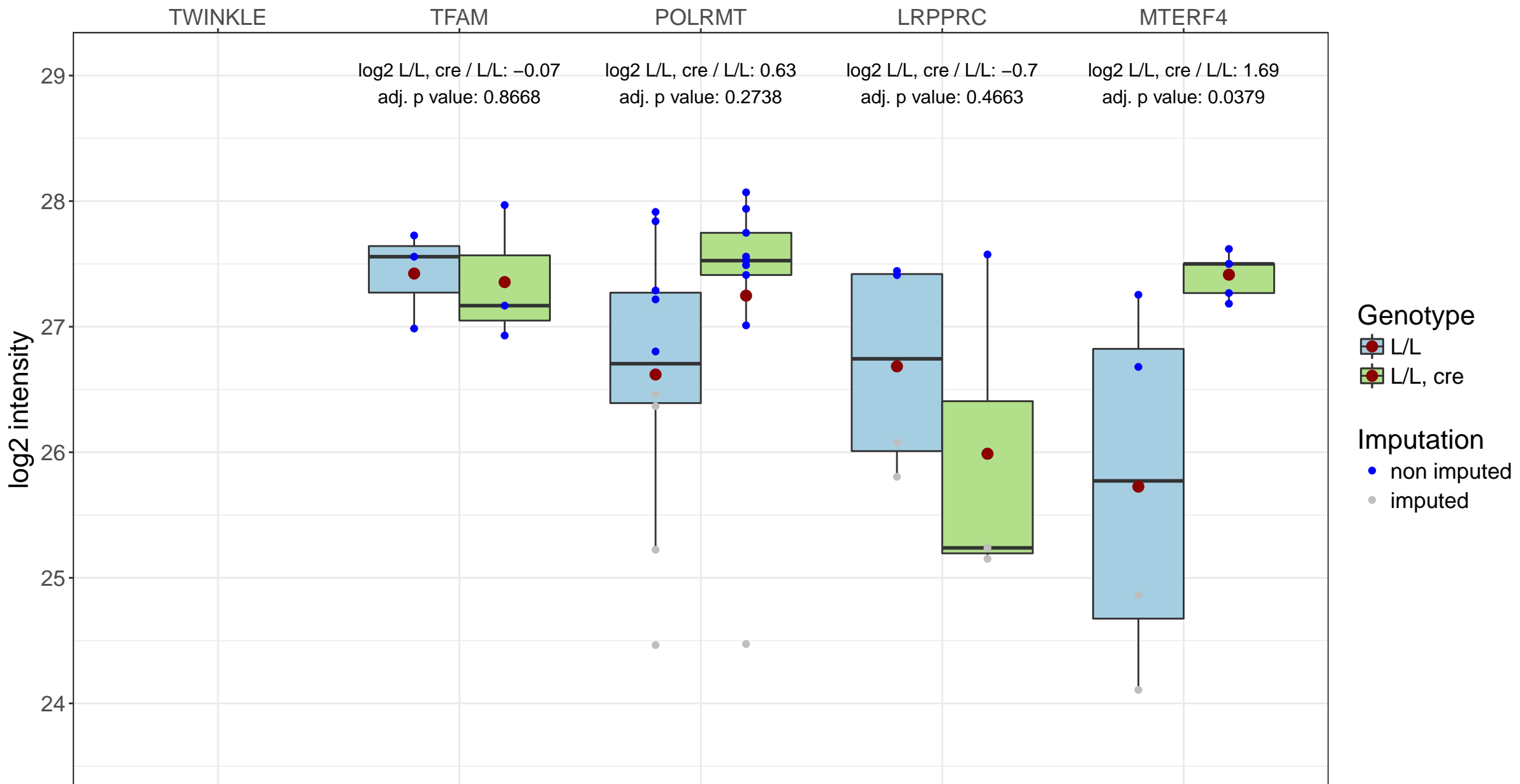
# RAB18 / P35293



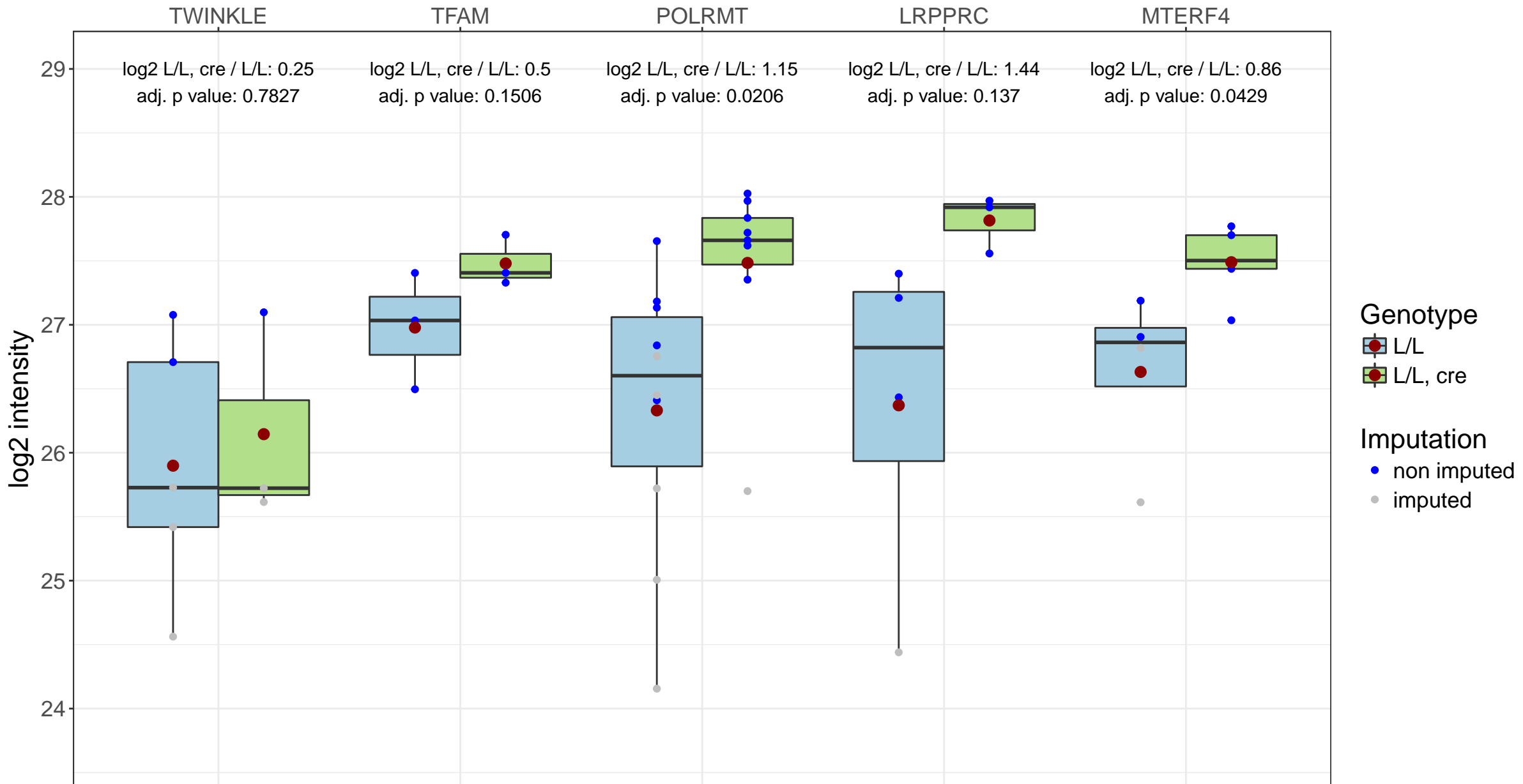
# RAB1B / Q9D1G1



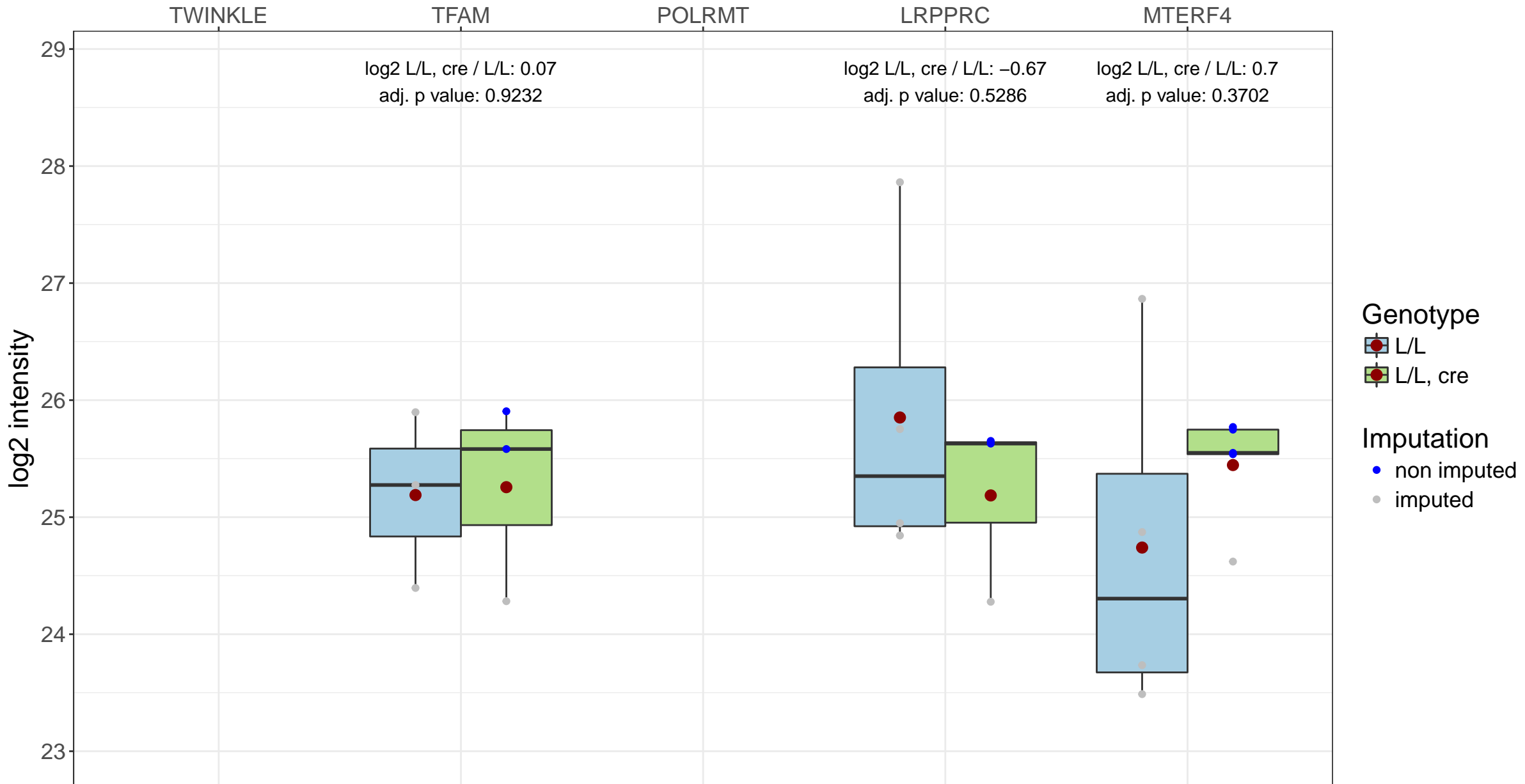
# RAB21 / P35282



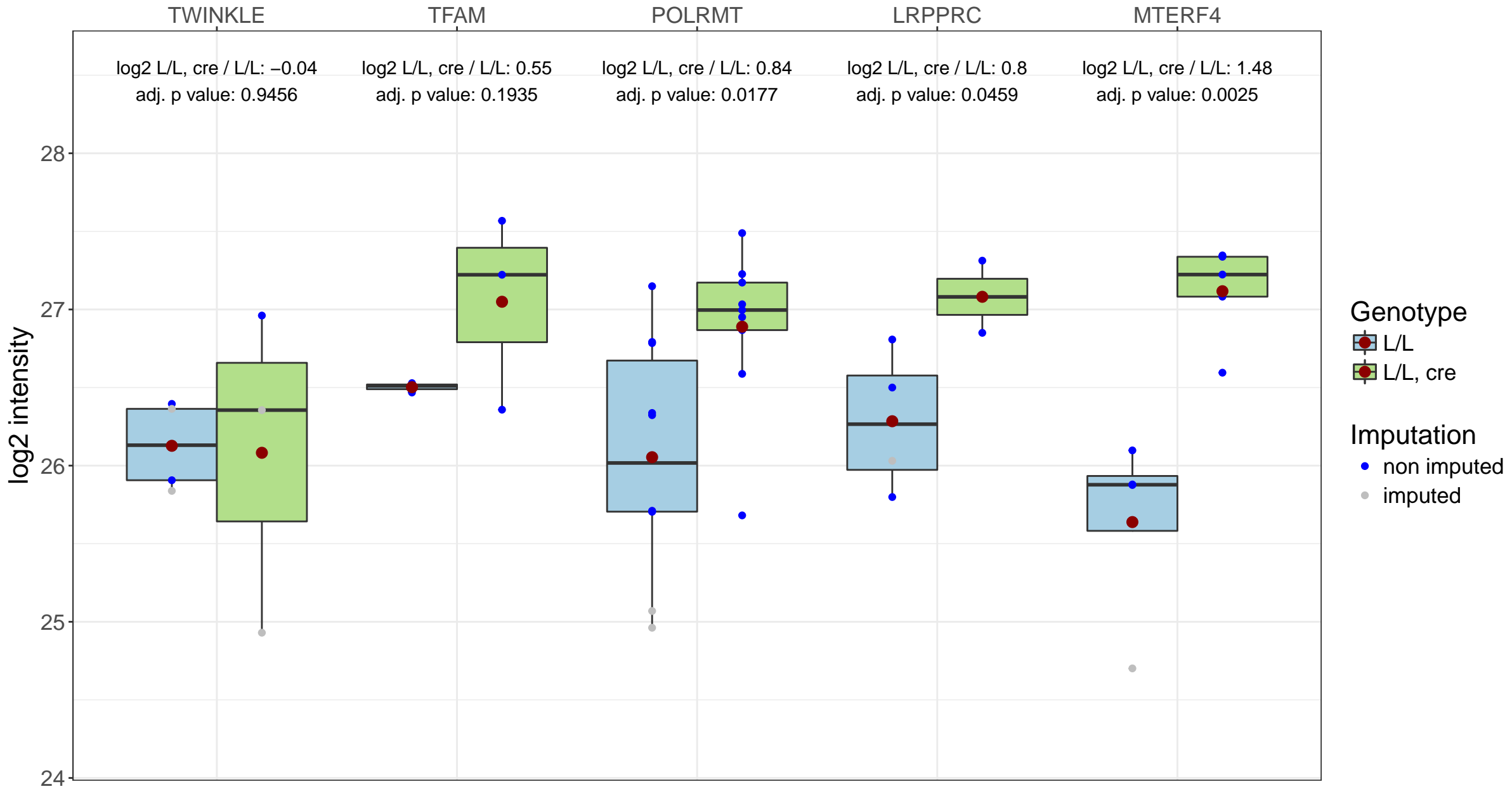
# RAB2A / P53994



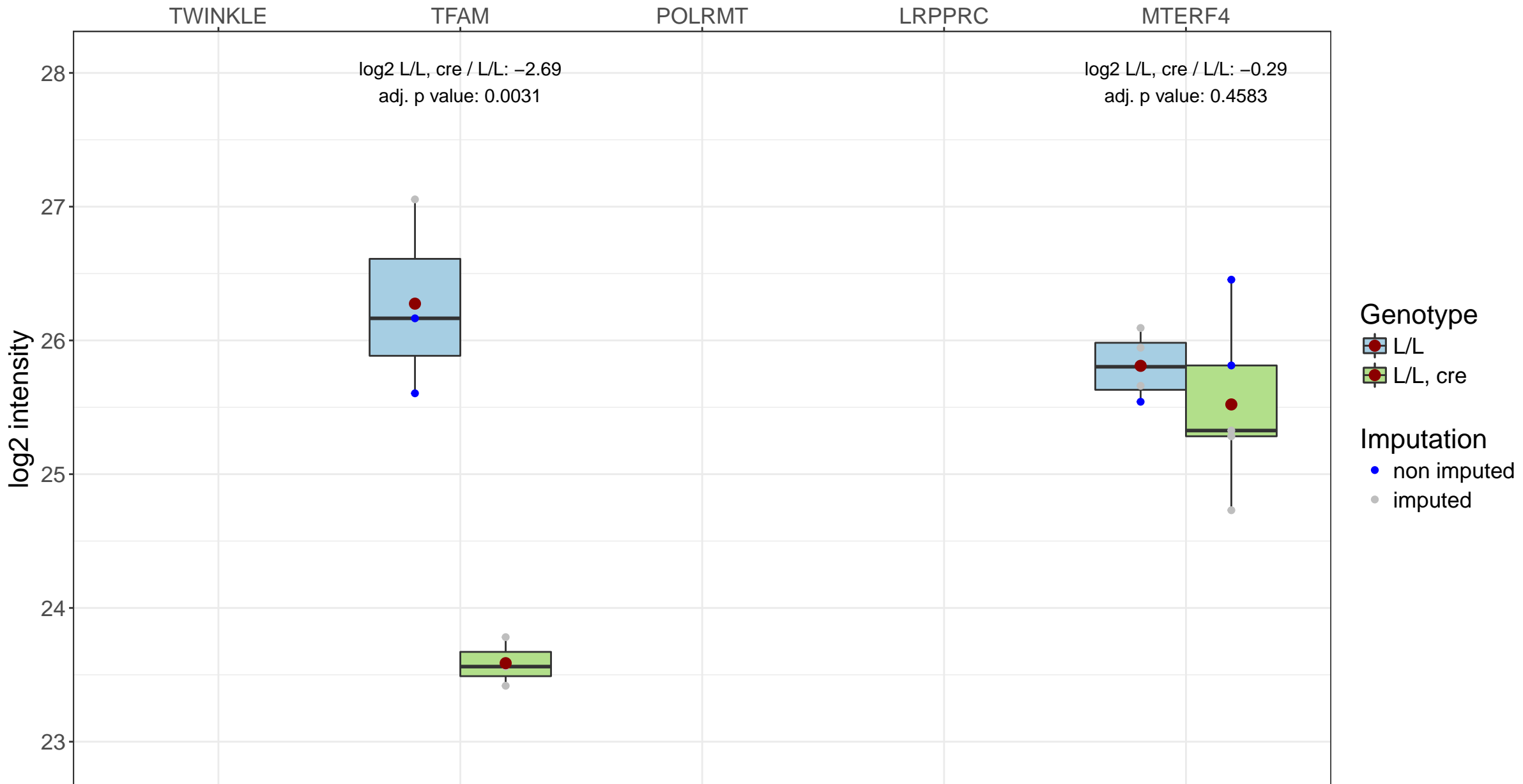
# RAB35 / Q6PHN9



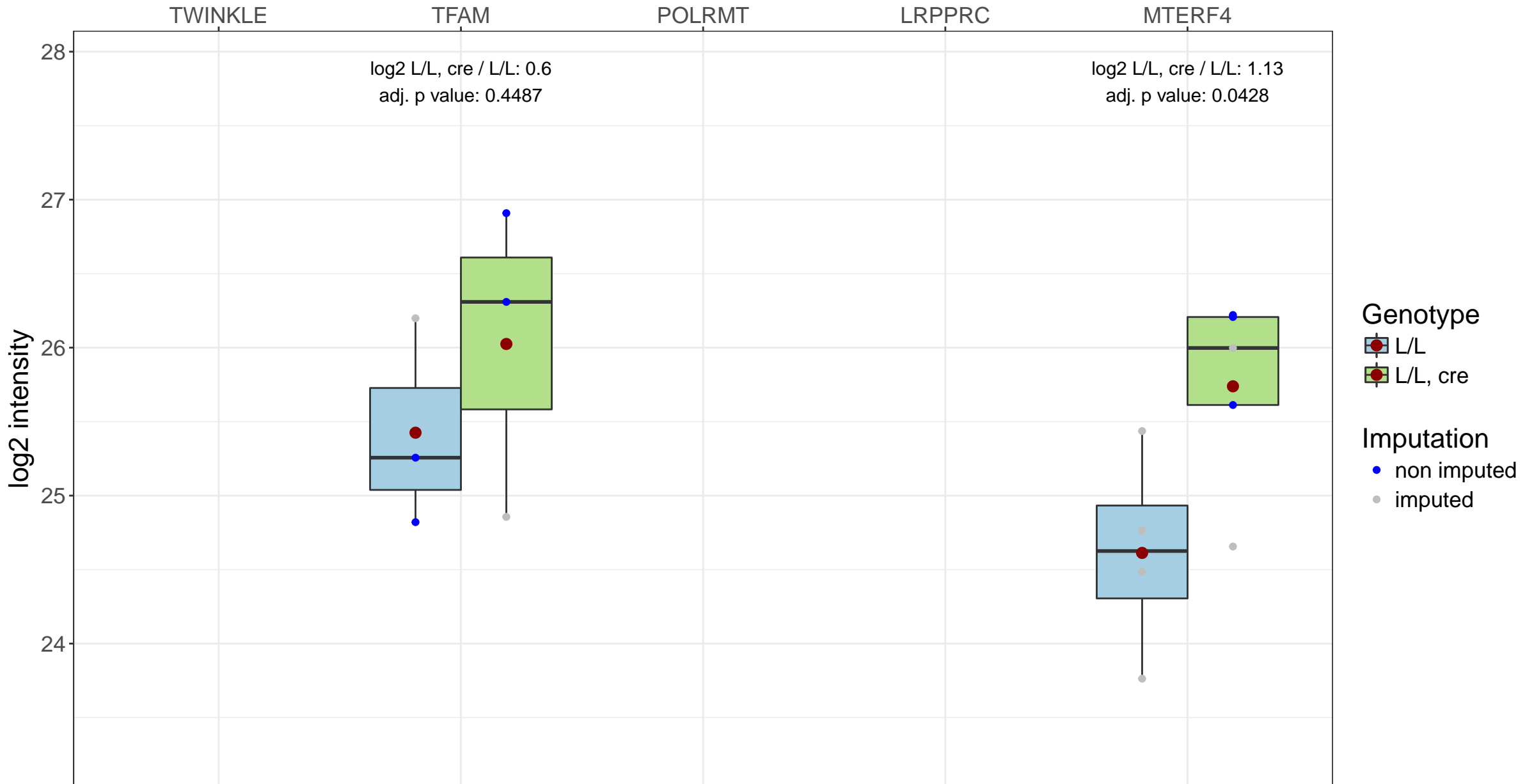
# RAB5A / Q9CQD1



# RAB5B / P61021

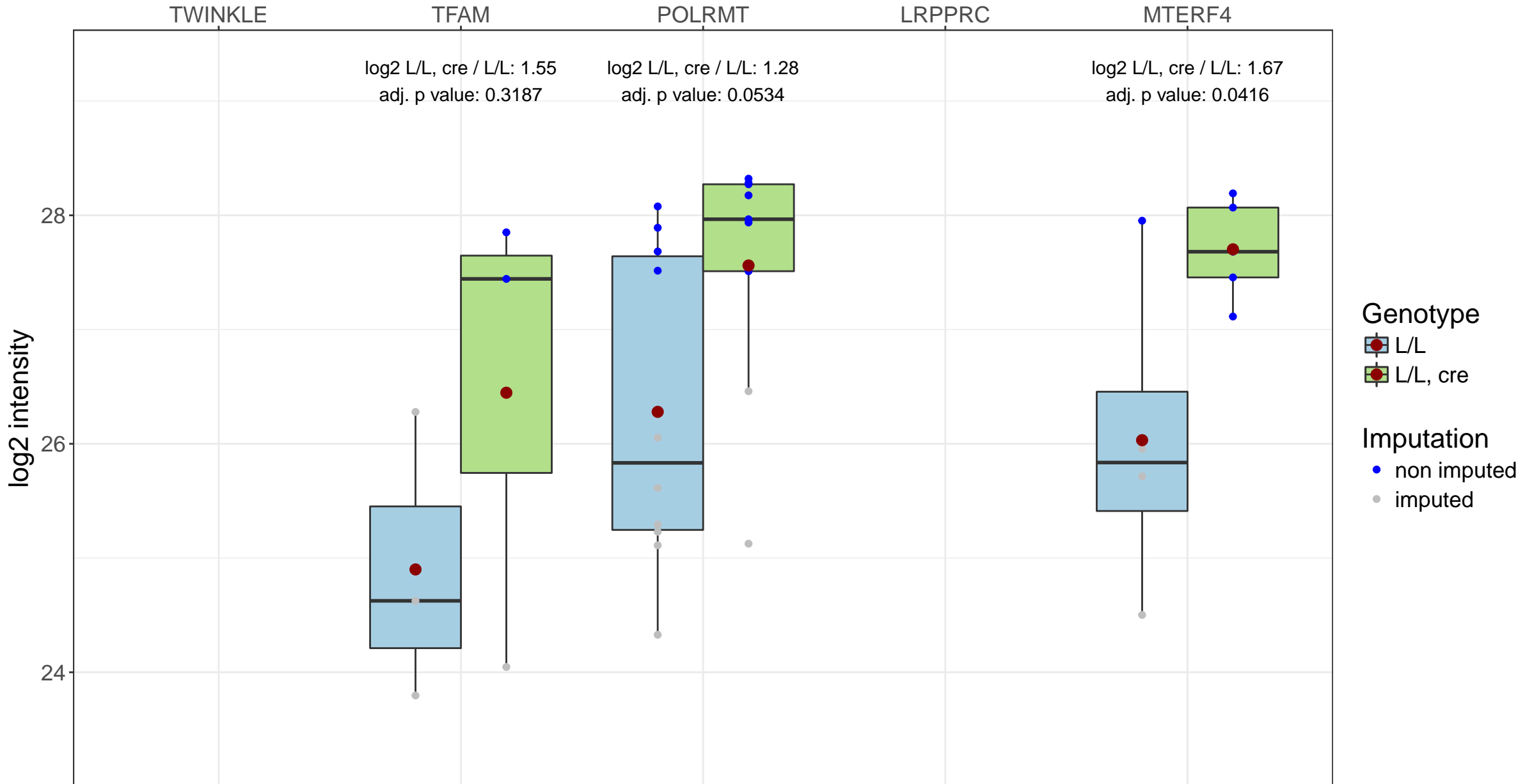


# RAB5C / Q8C266

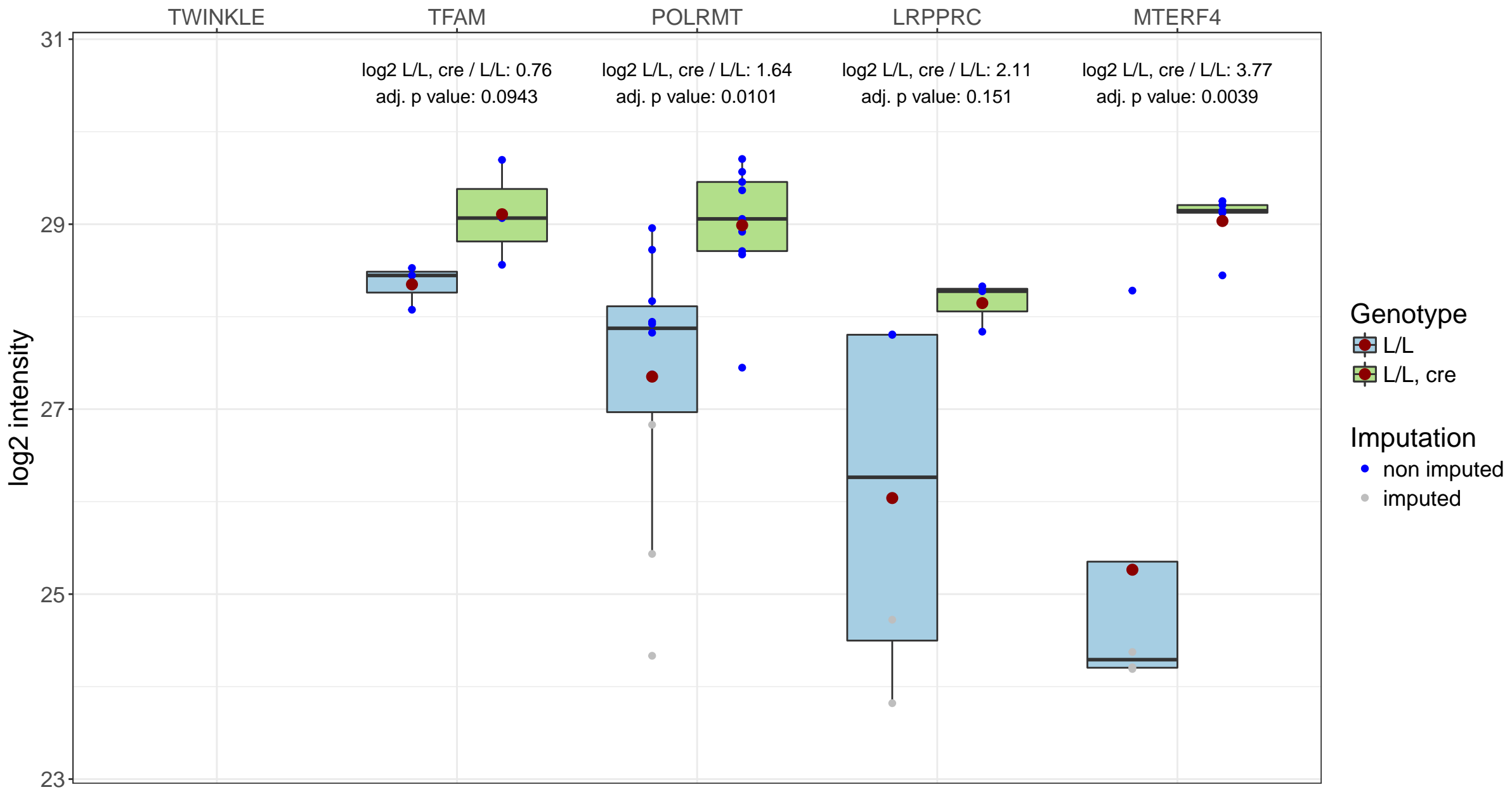




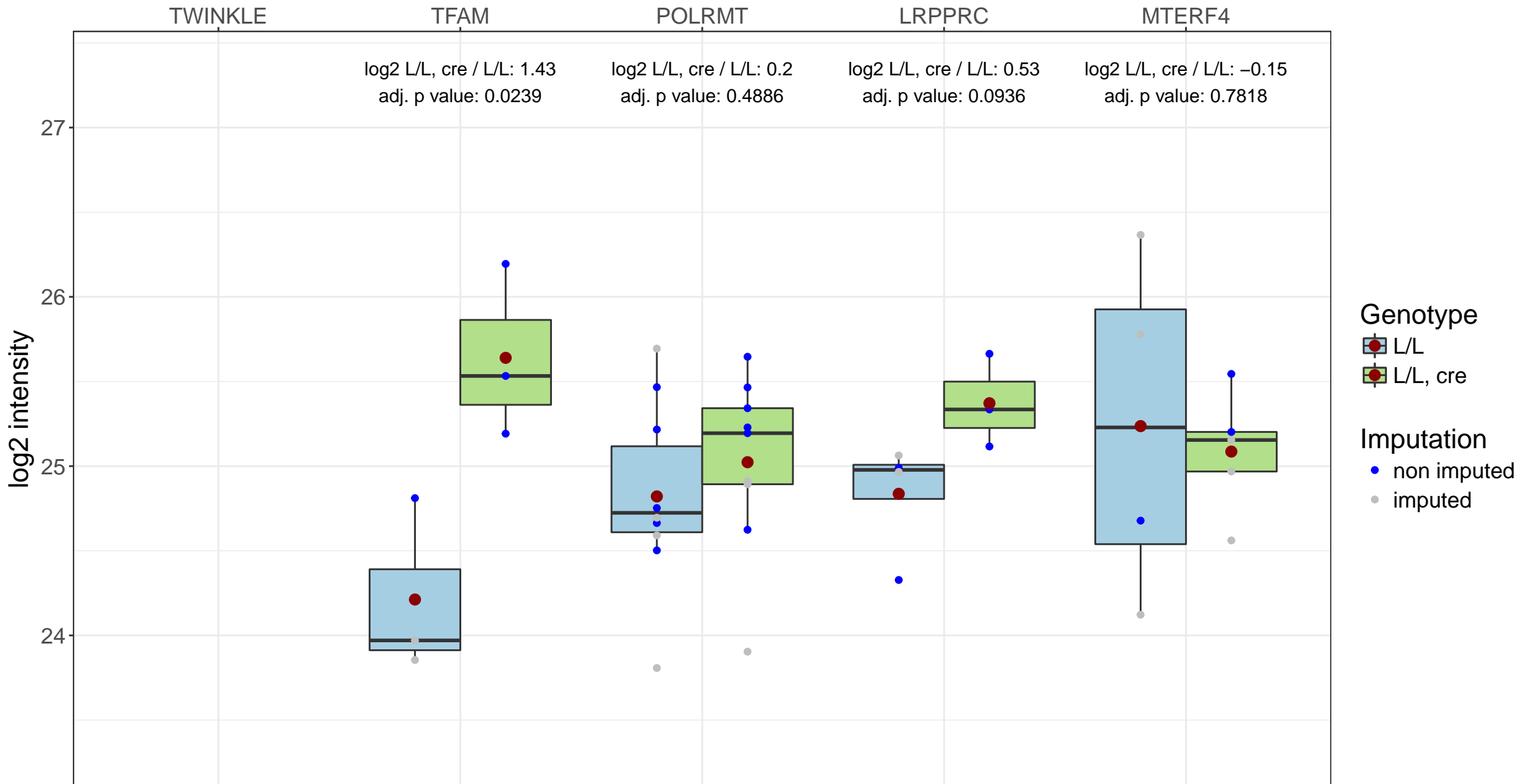
# RAB6A / P35279-2



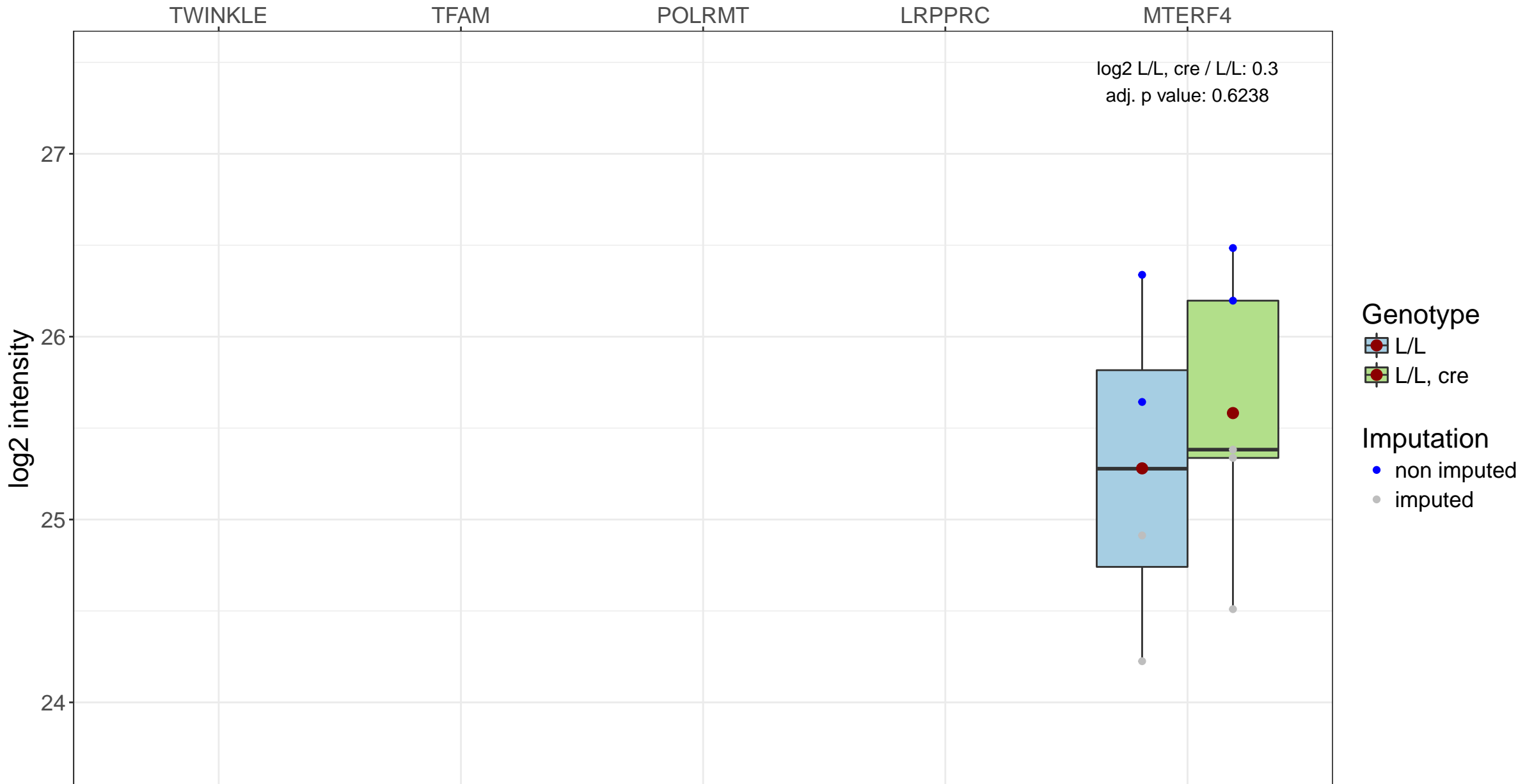
# RAB7A / P51150



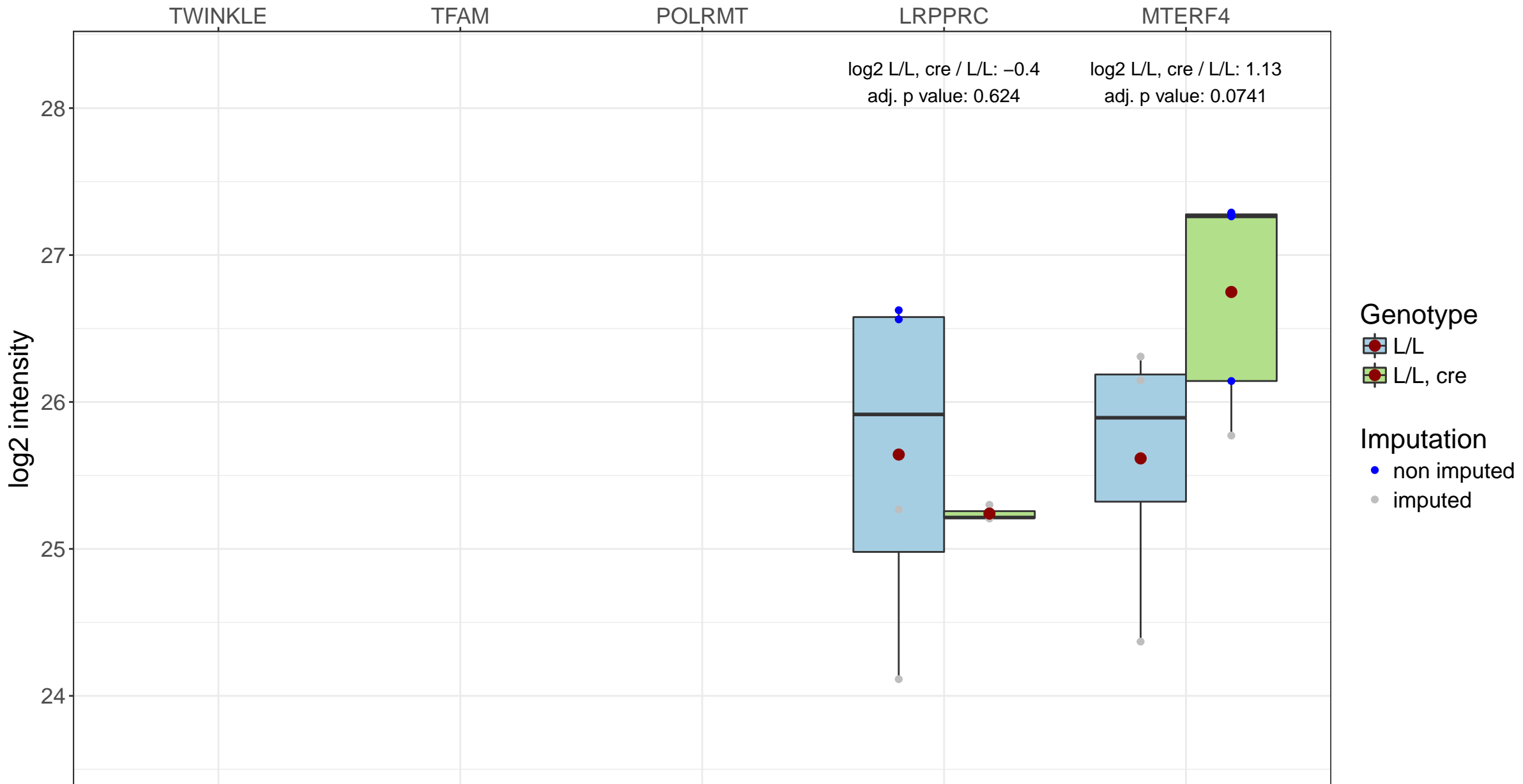
# RAB8A / P55258



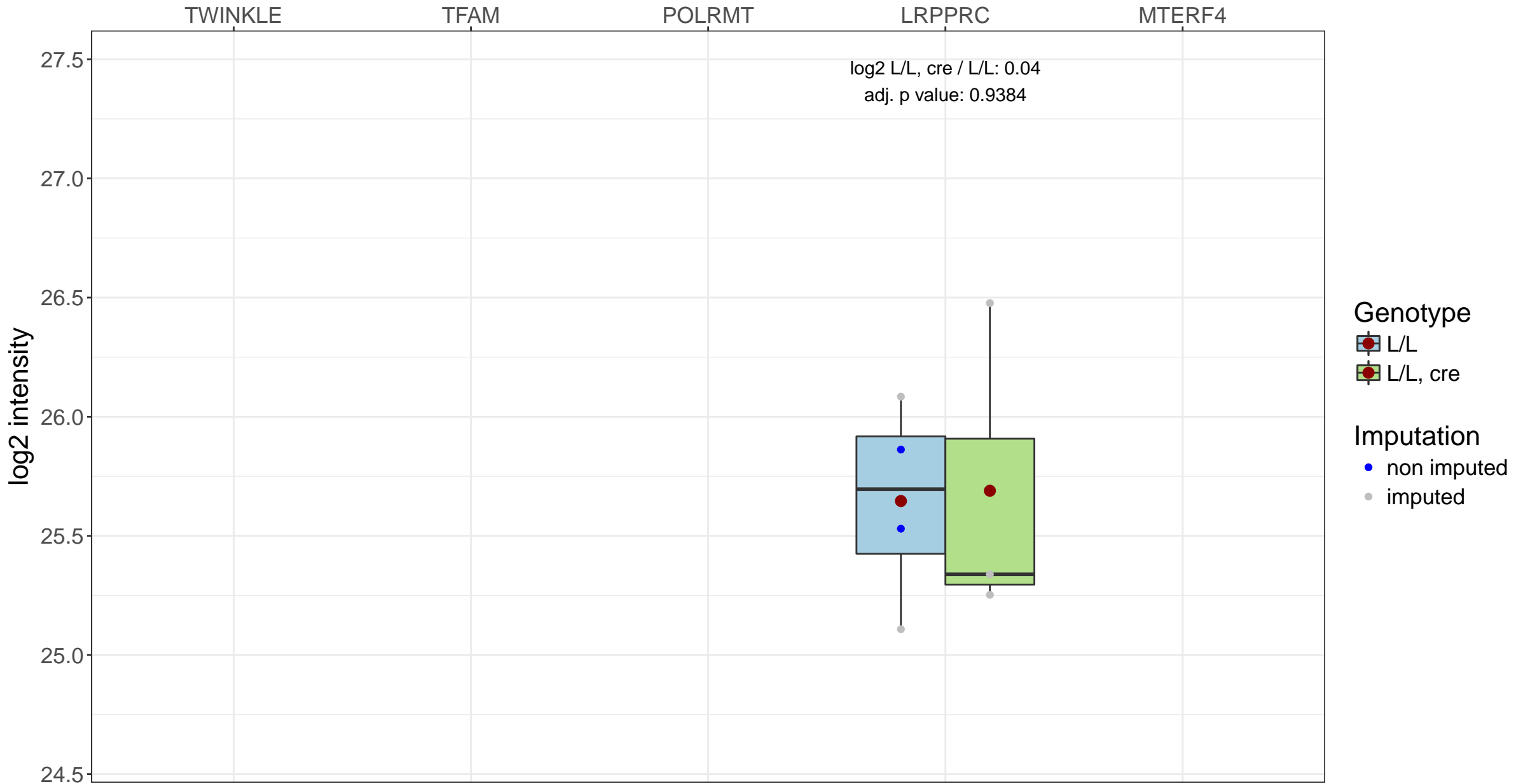
# RAC1 / Q3TLP8



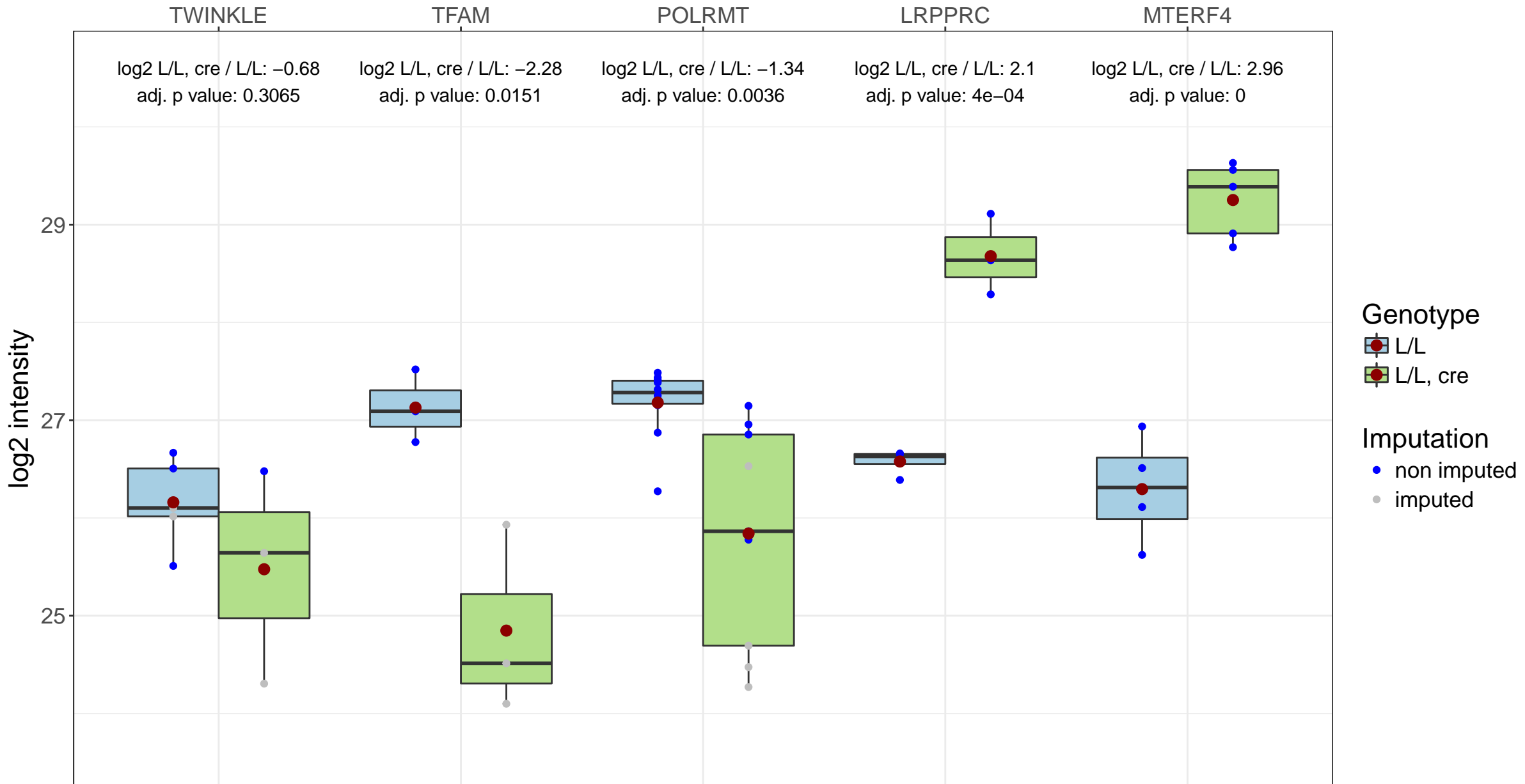
# RAP1A / P62835



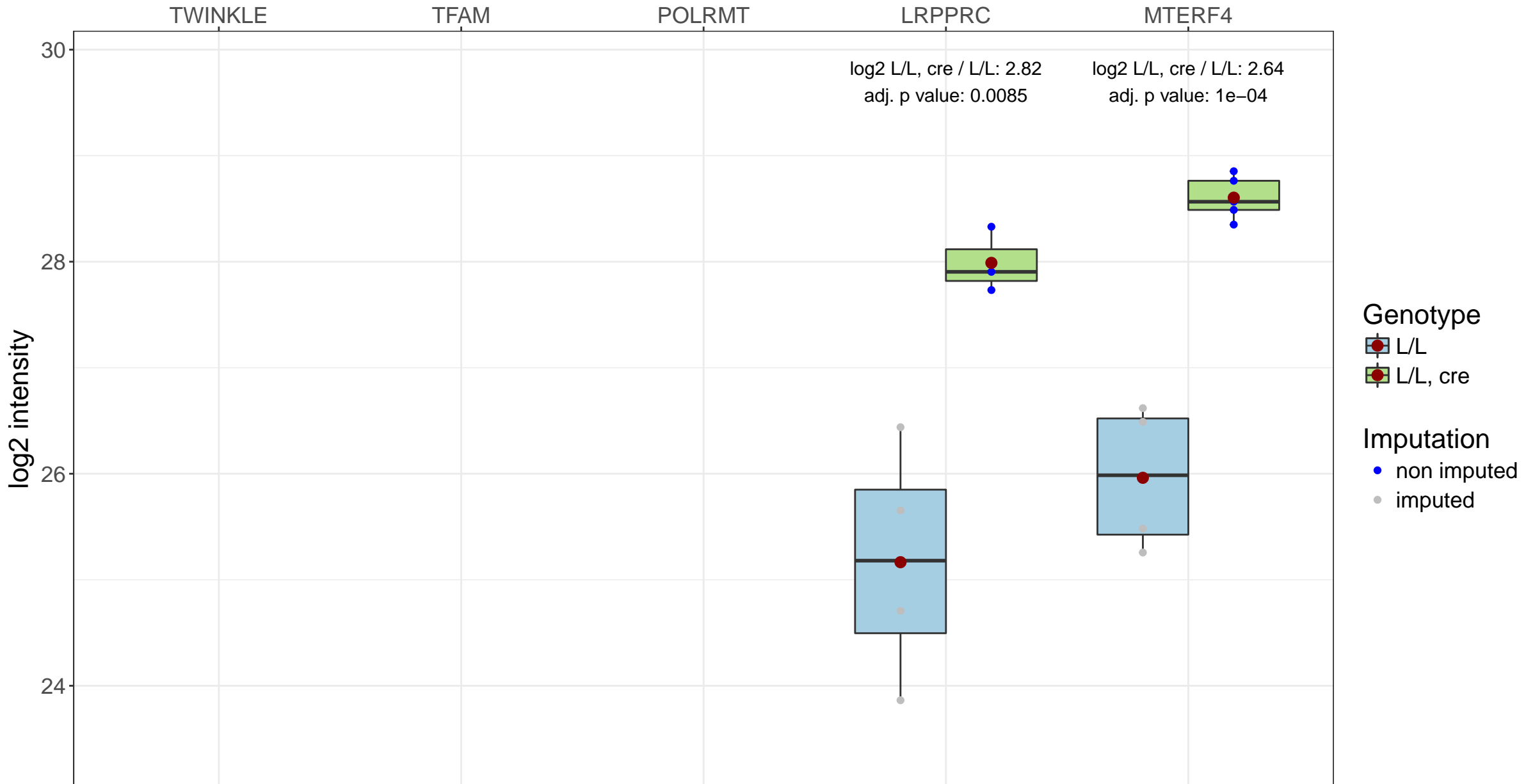
# RAP1B / Q99JI6



# RARS2 / Q3U186

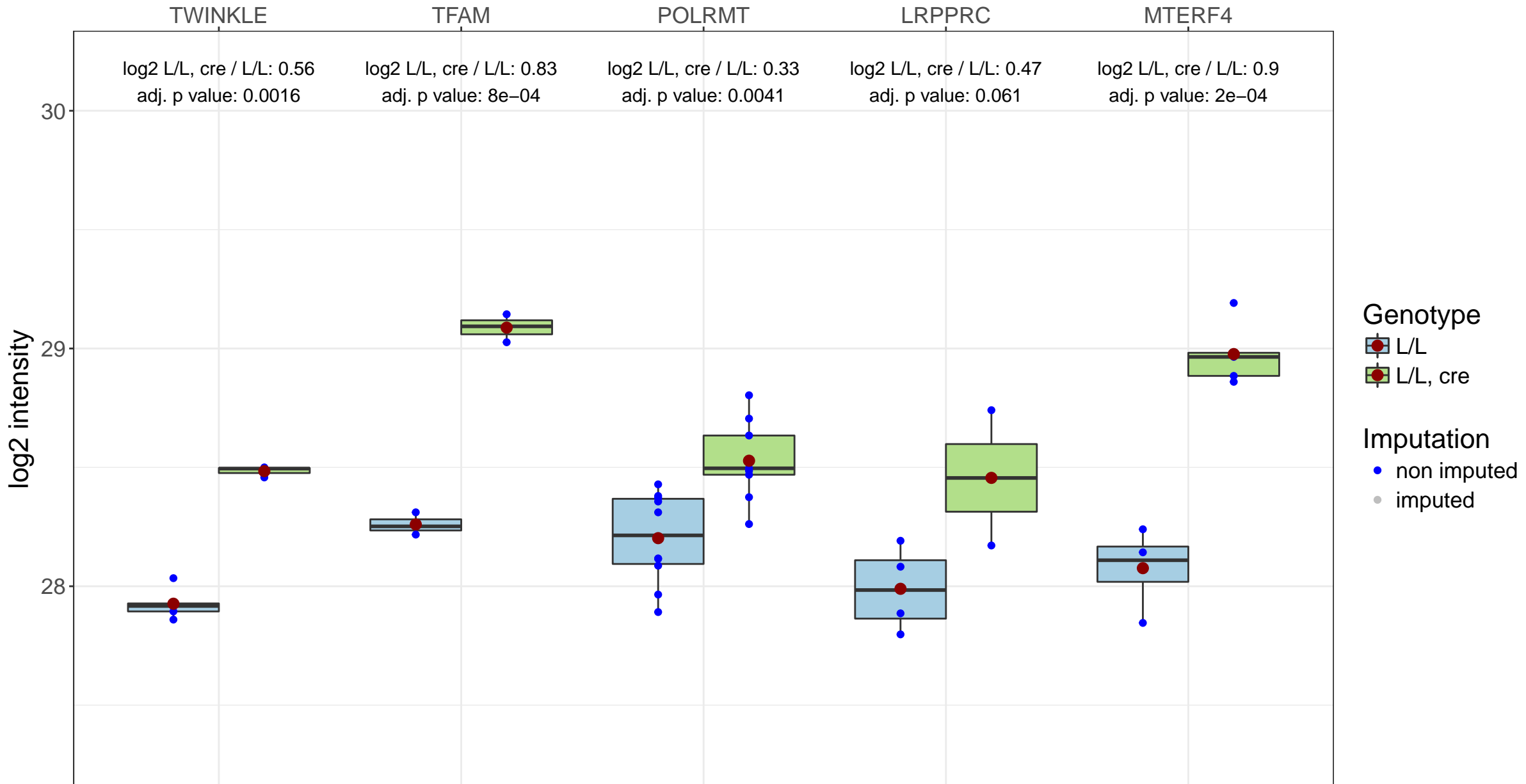


# RBFA / Q6P3B9

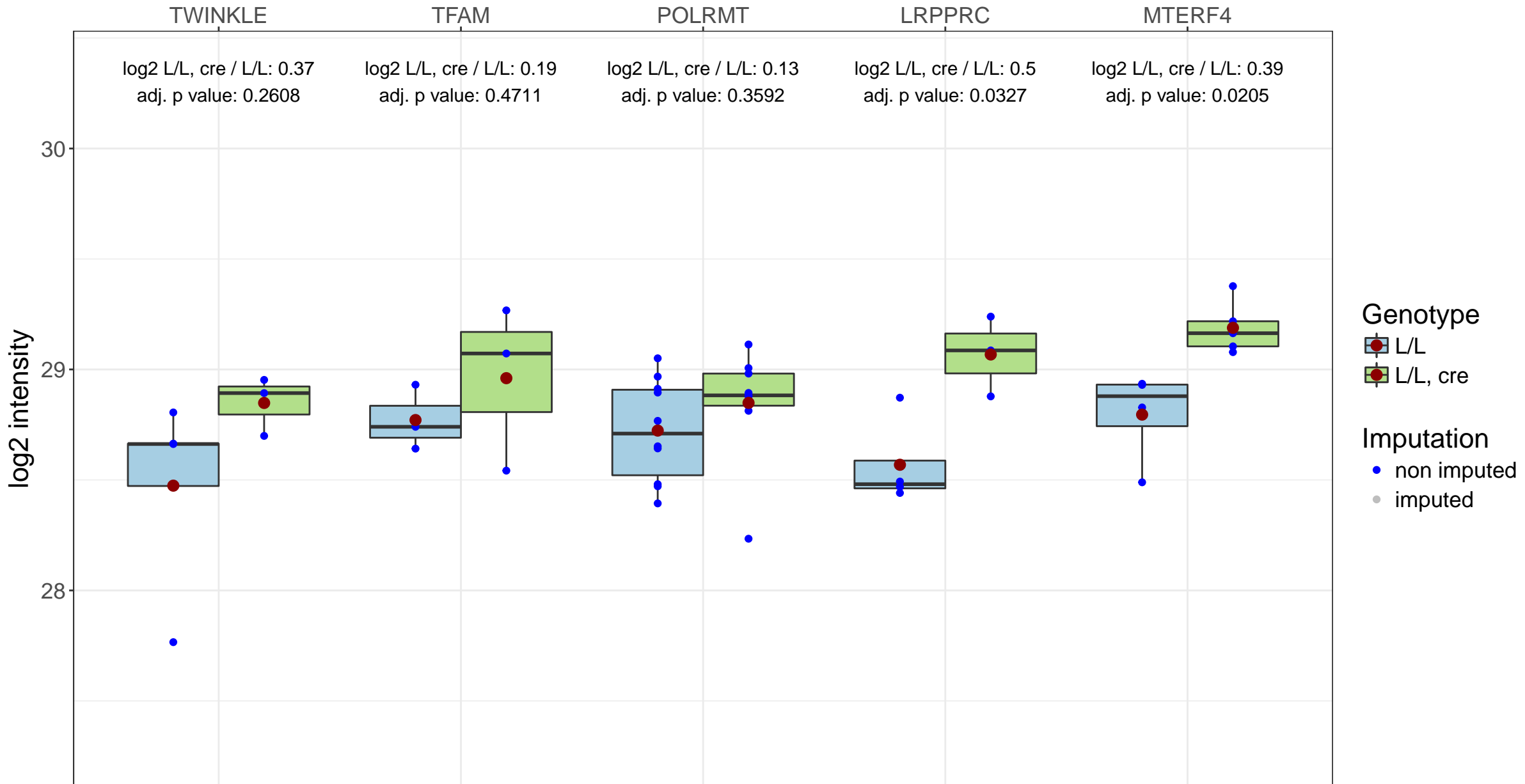




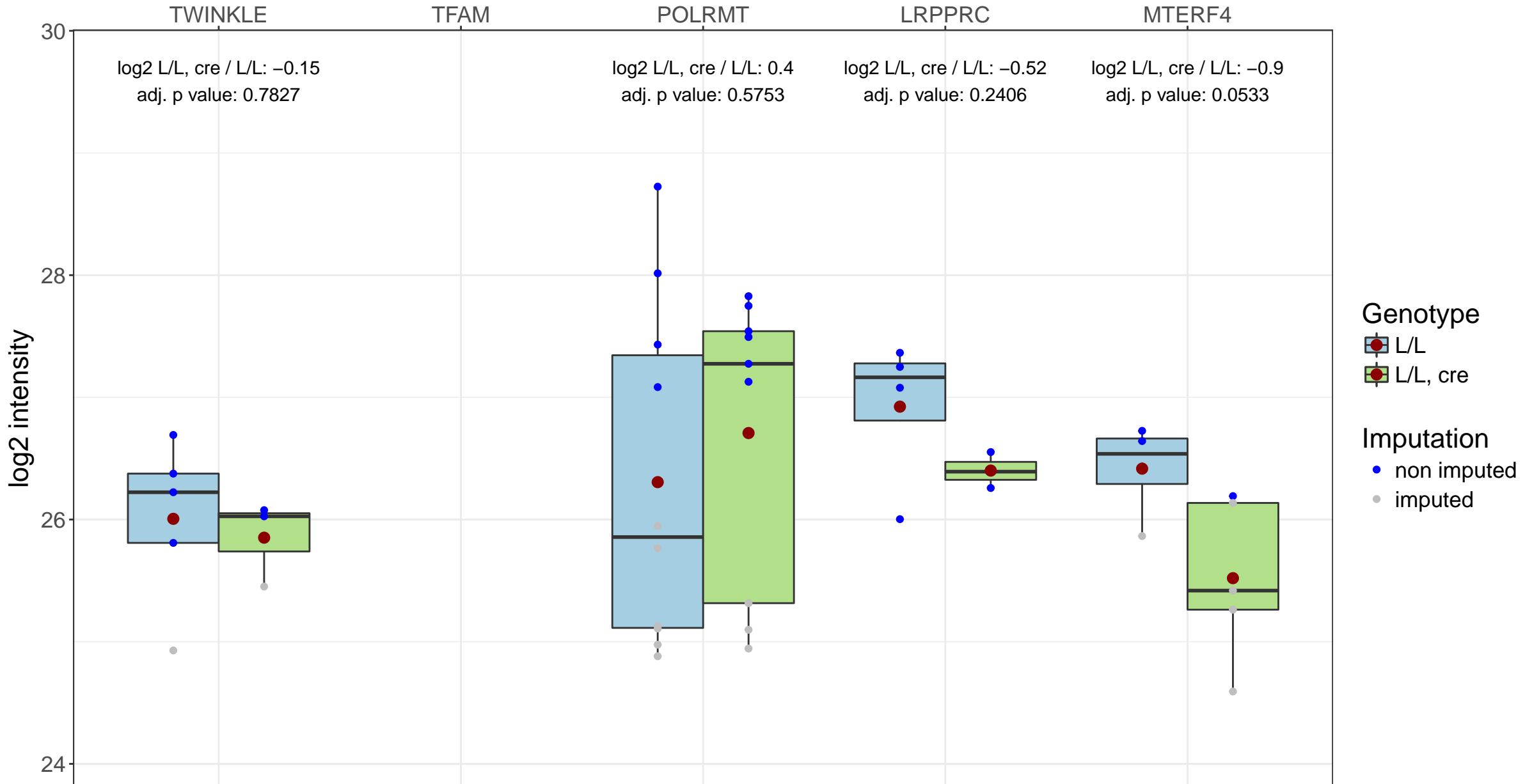
# RDH13 / Q8CEE7



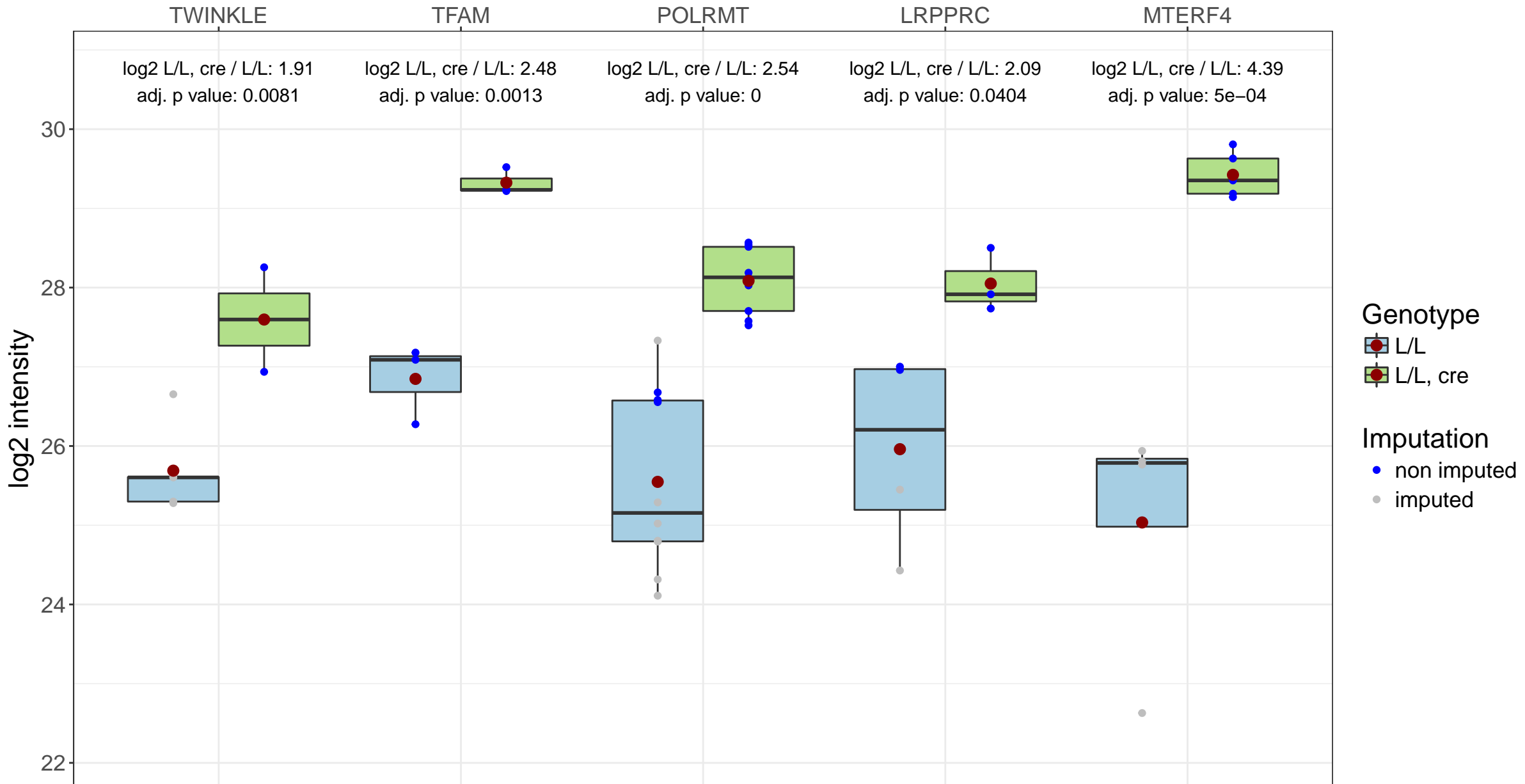
# RDH14 / Q9ERI6



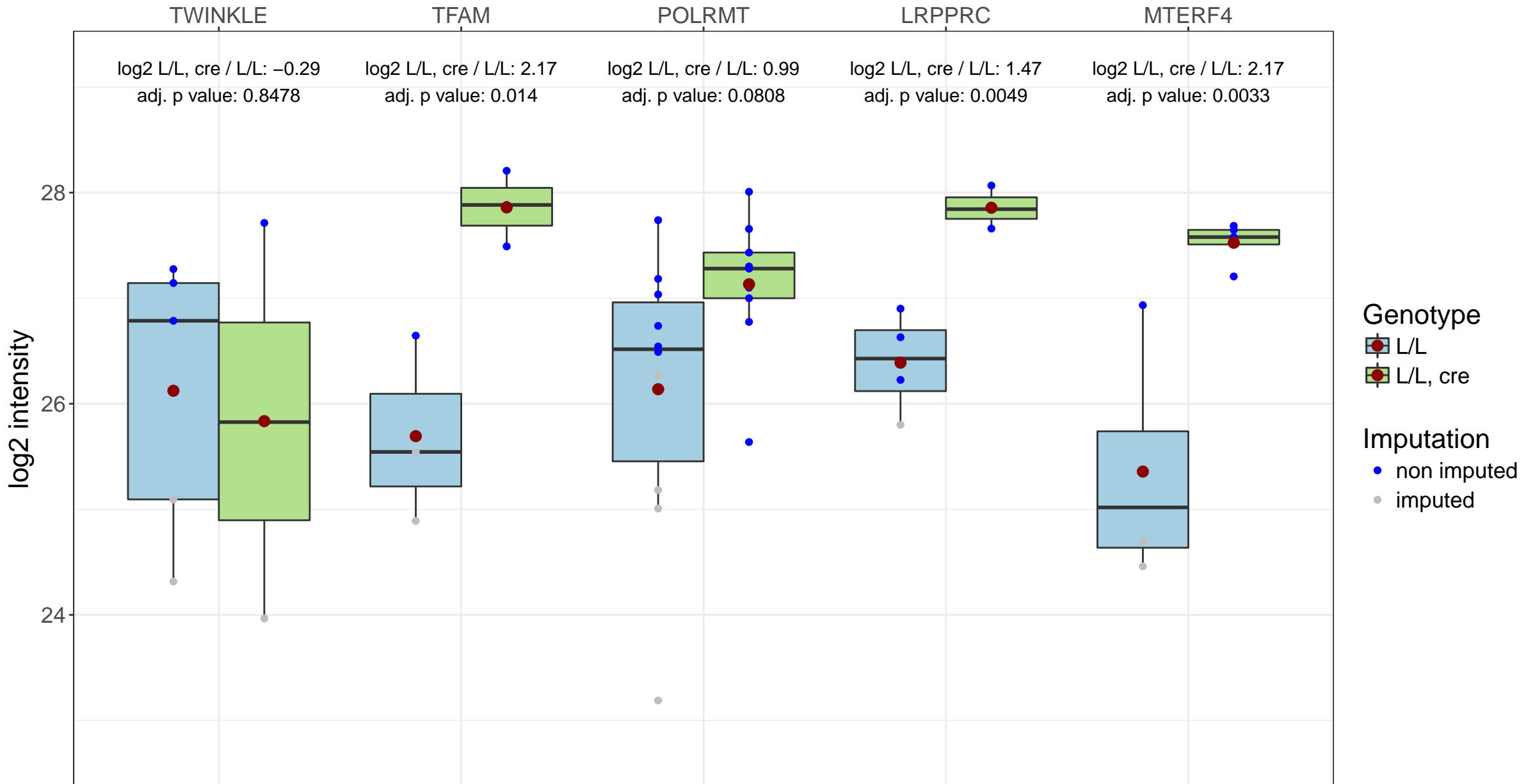
# REEP5 / G3X8R0



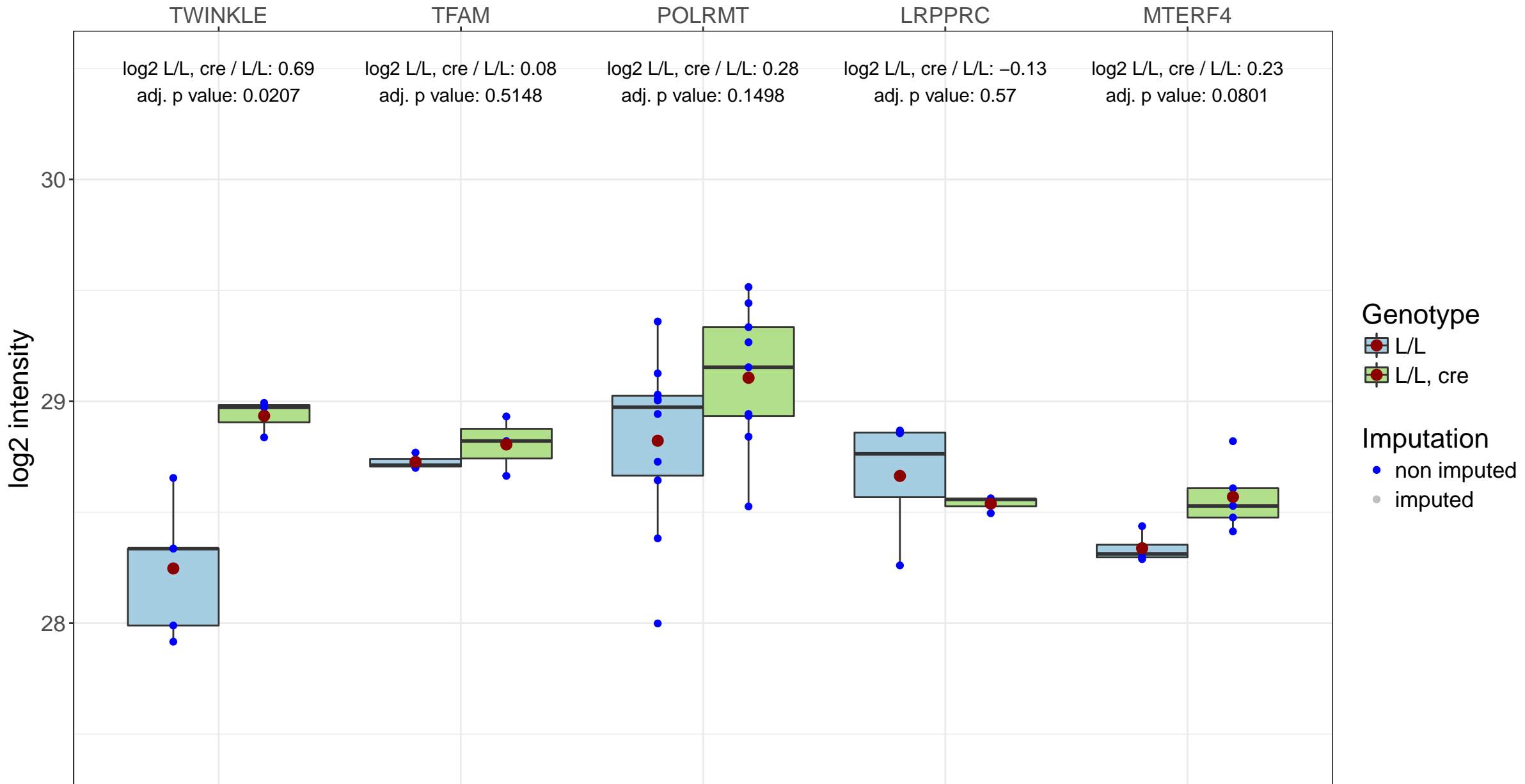
# REXO2 / Q9D8S4



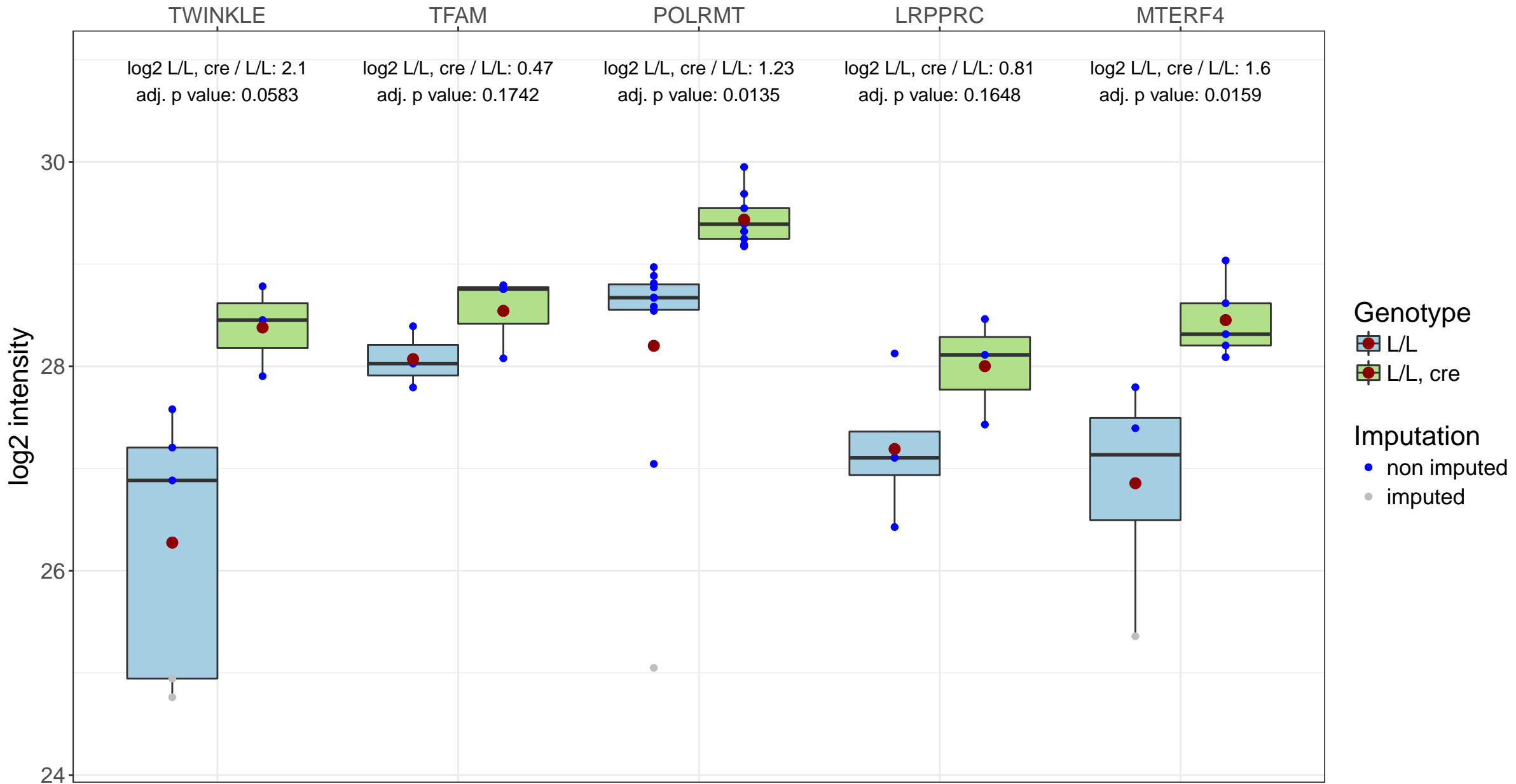
# RHOA / Q9QUI0



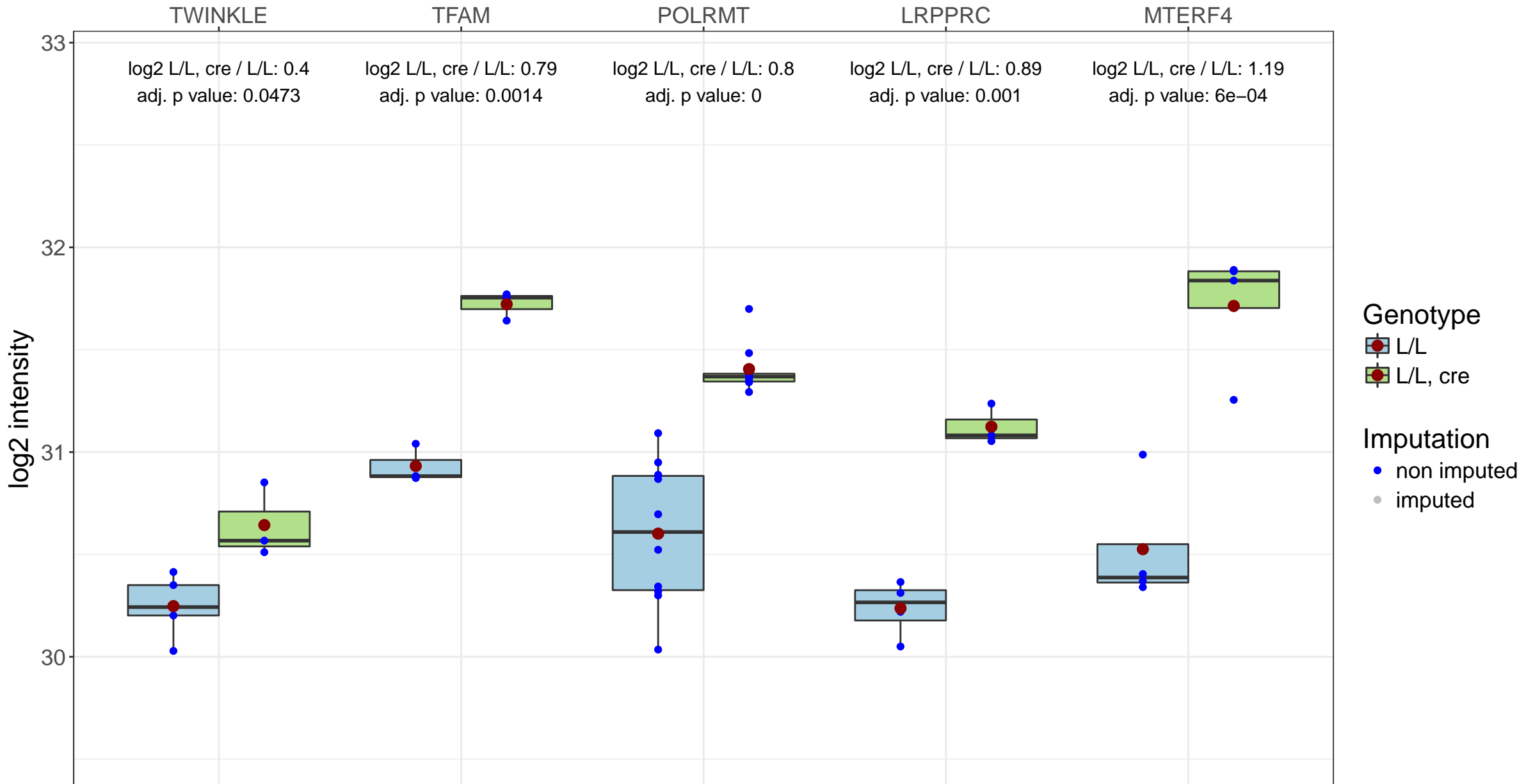
# RHOT1 / Q8BG51-3



# RHOT2 / Q8JZN7

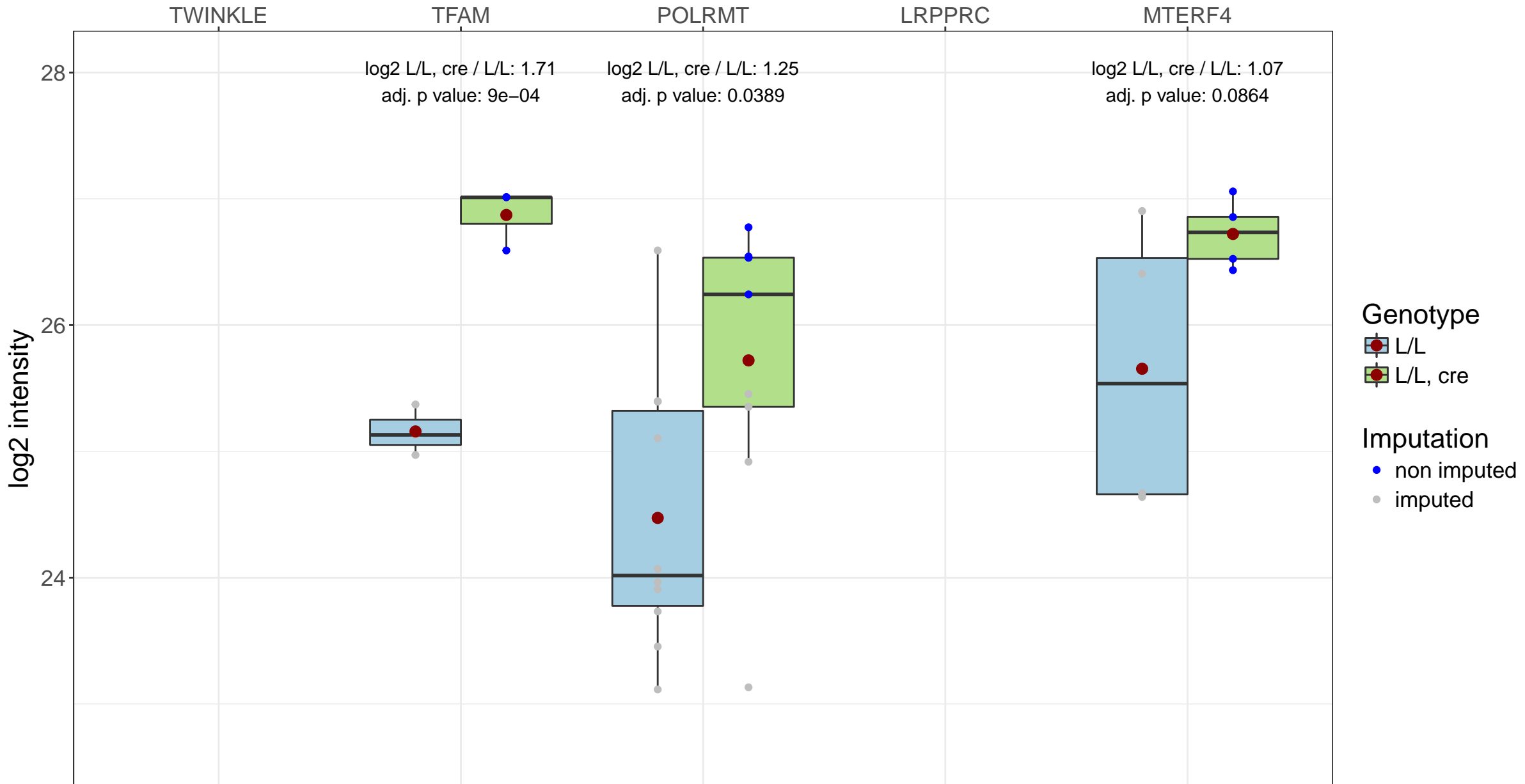


# RMDN1 / Q9DCV4

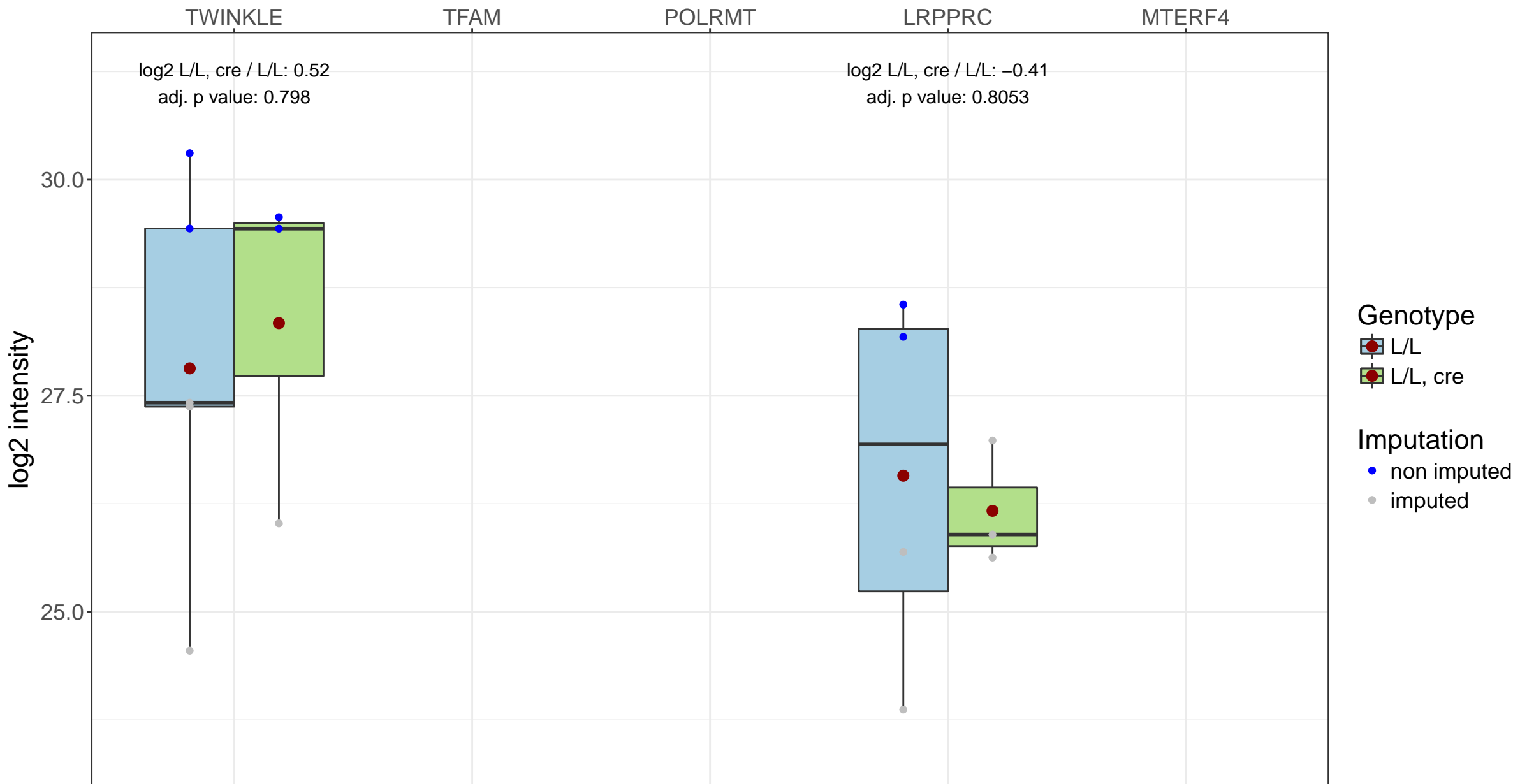




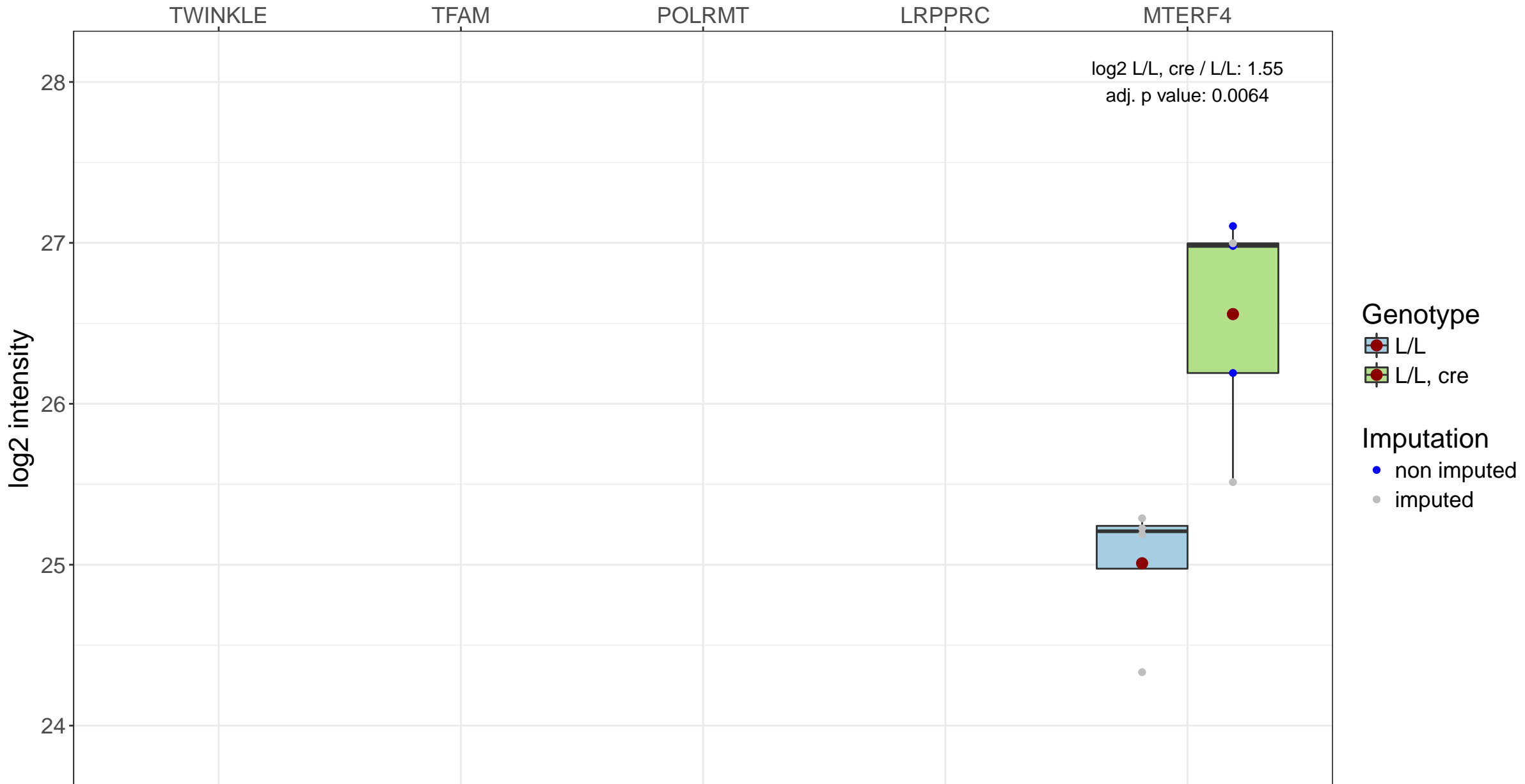
# RMND1 / Q8CI78



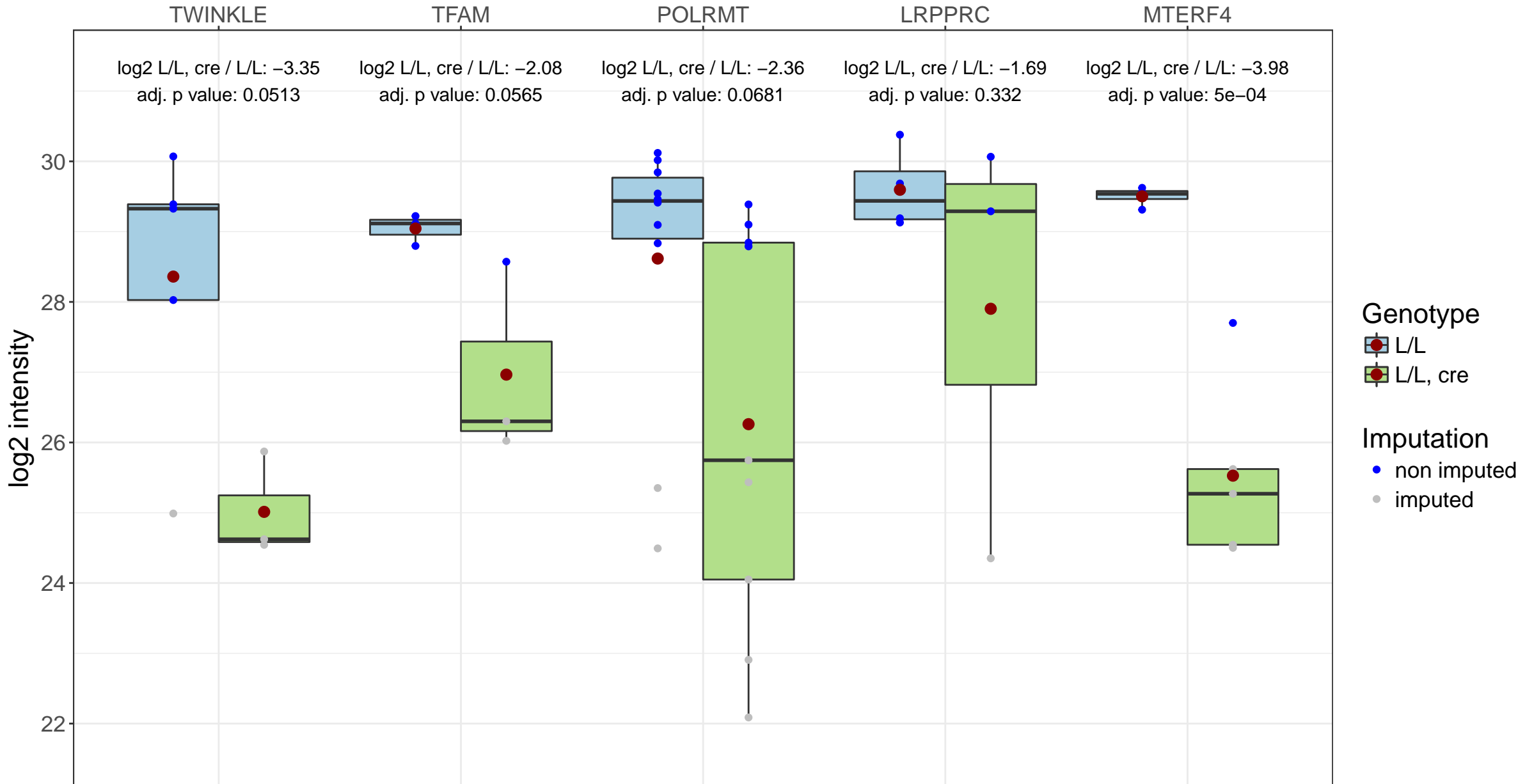
# RNF213 / F7A6H4



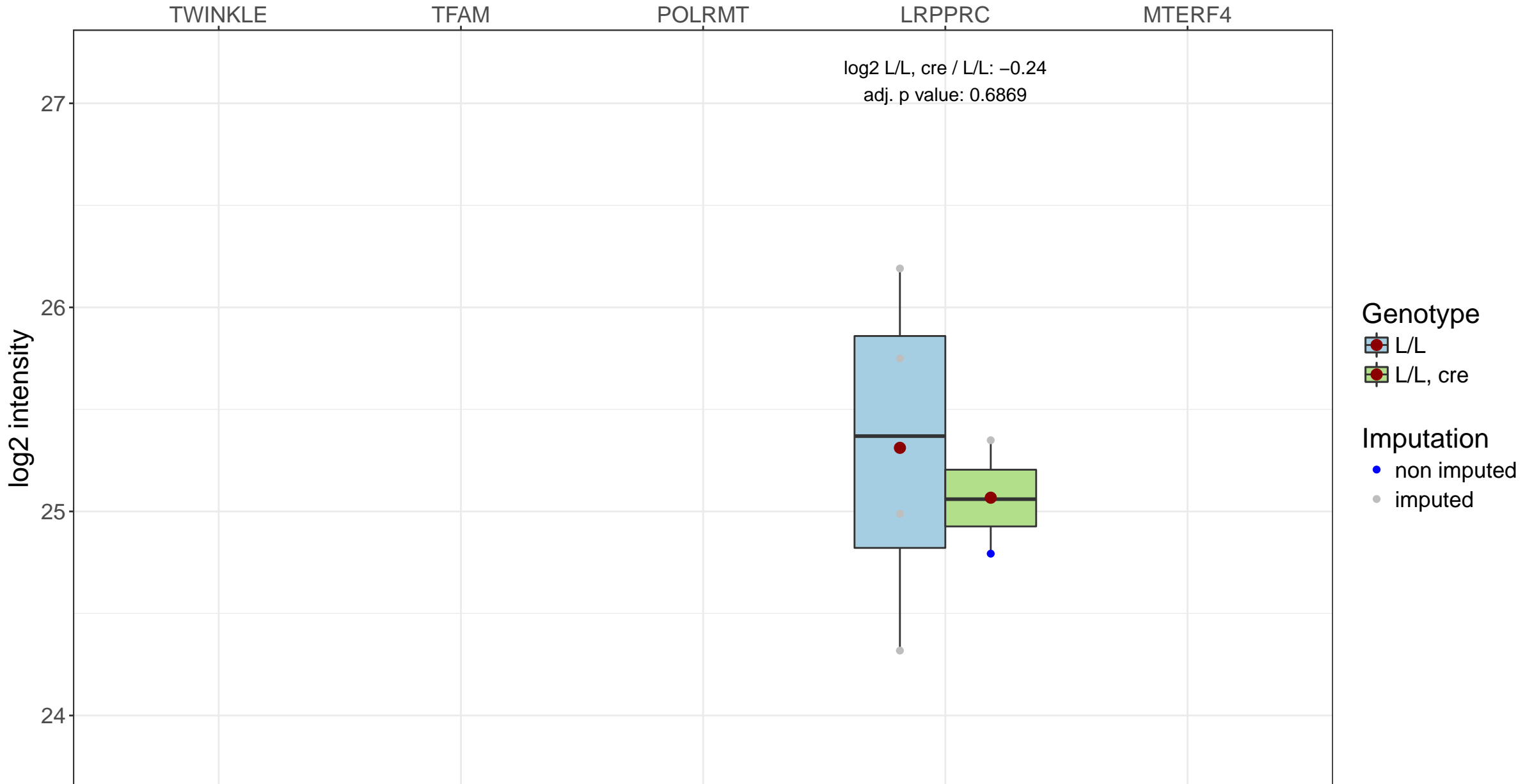
# RNMTL1 / Q5ND52



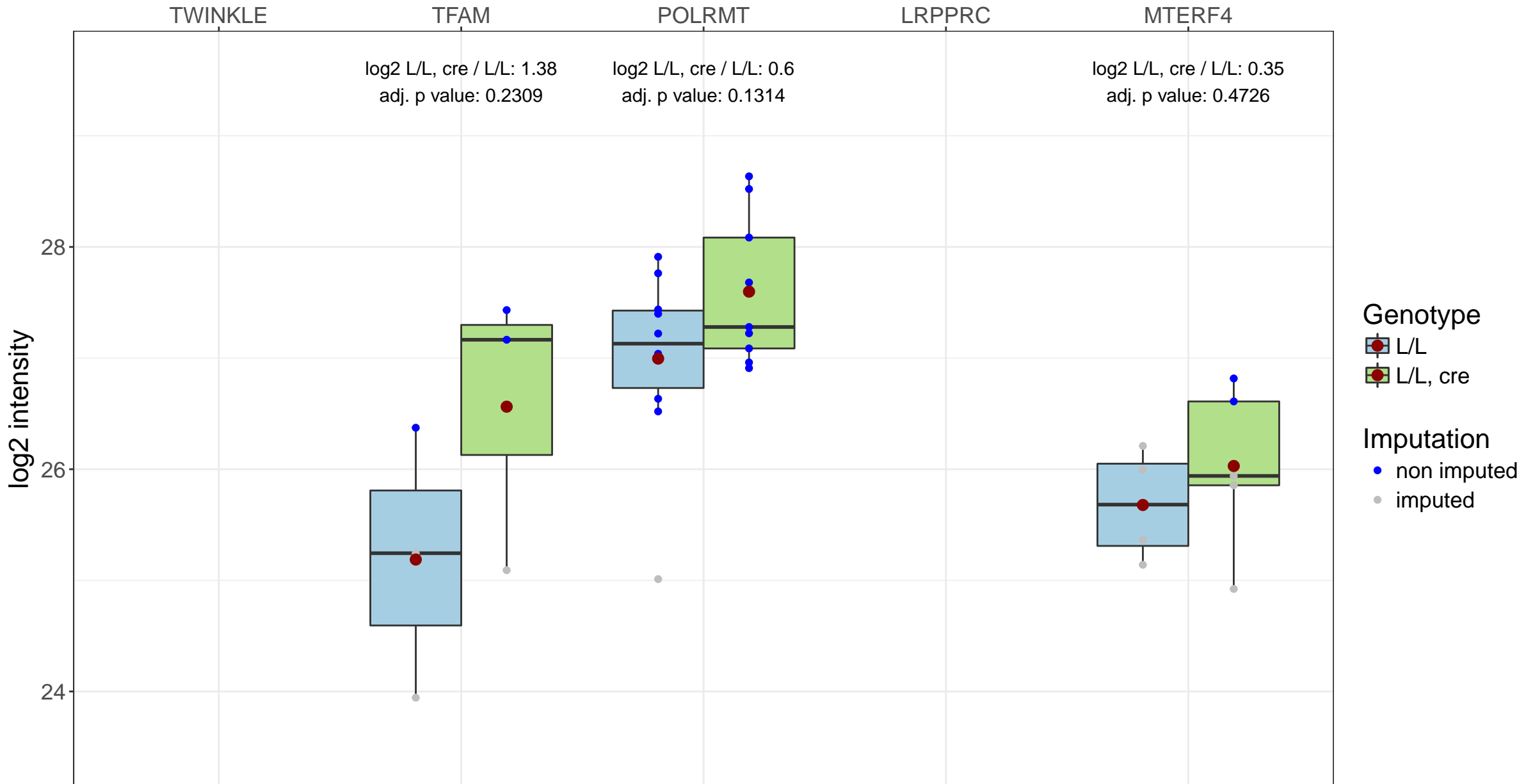
# ROMO1 / P60603



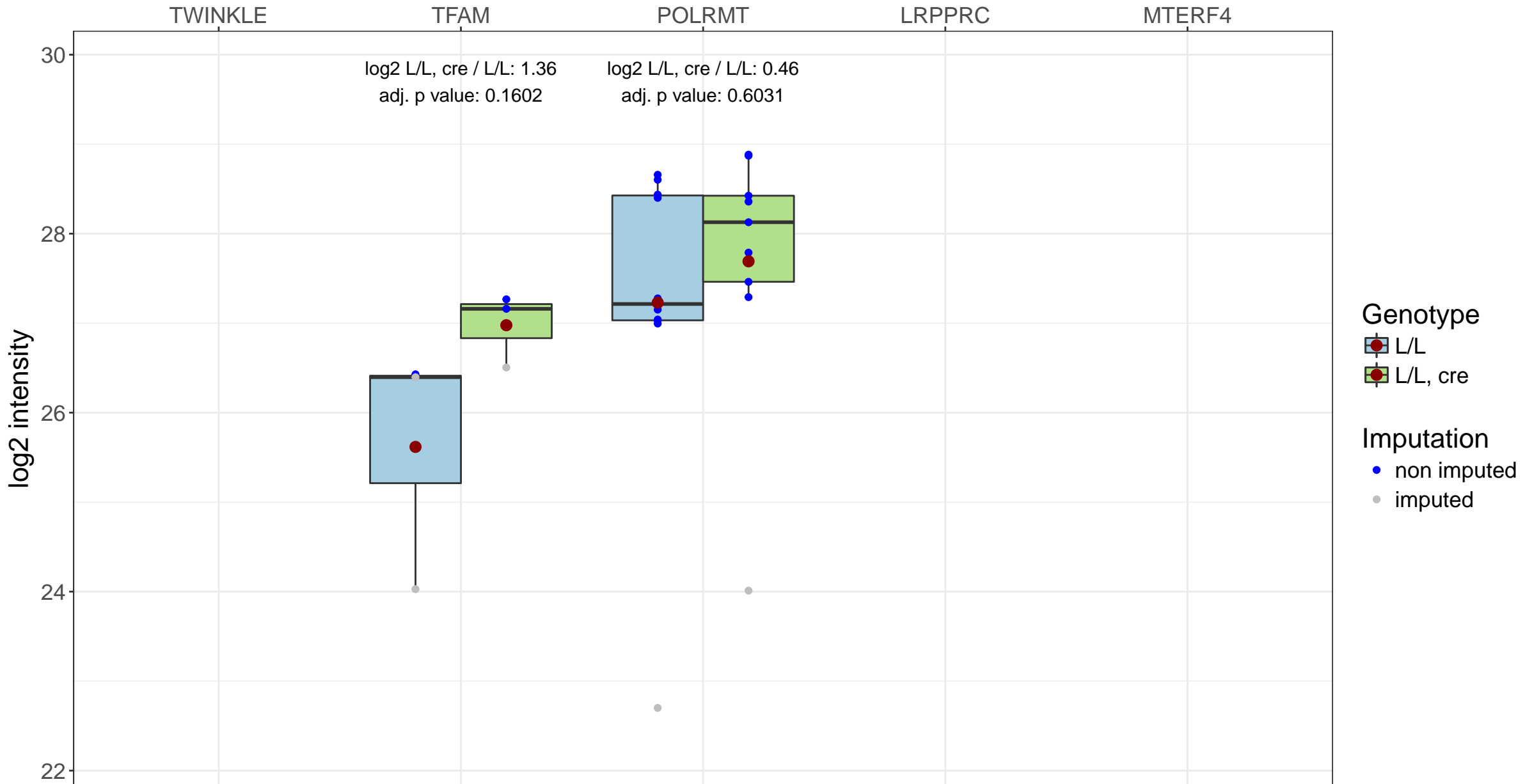
# RPIA / P47968



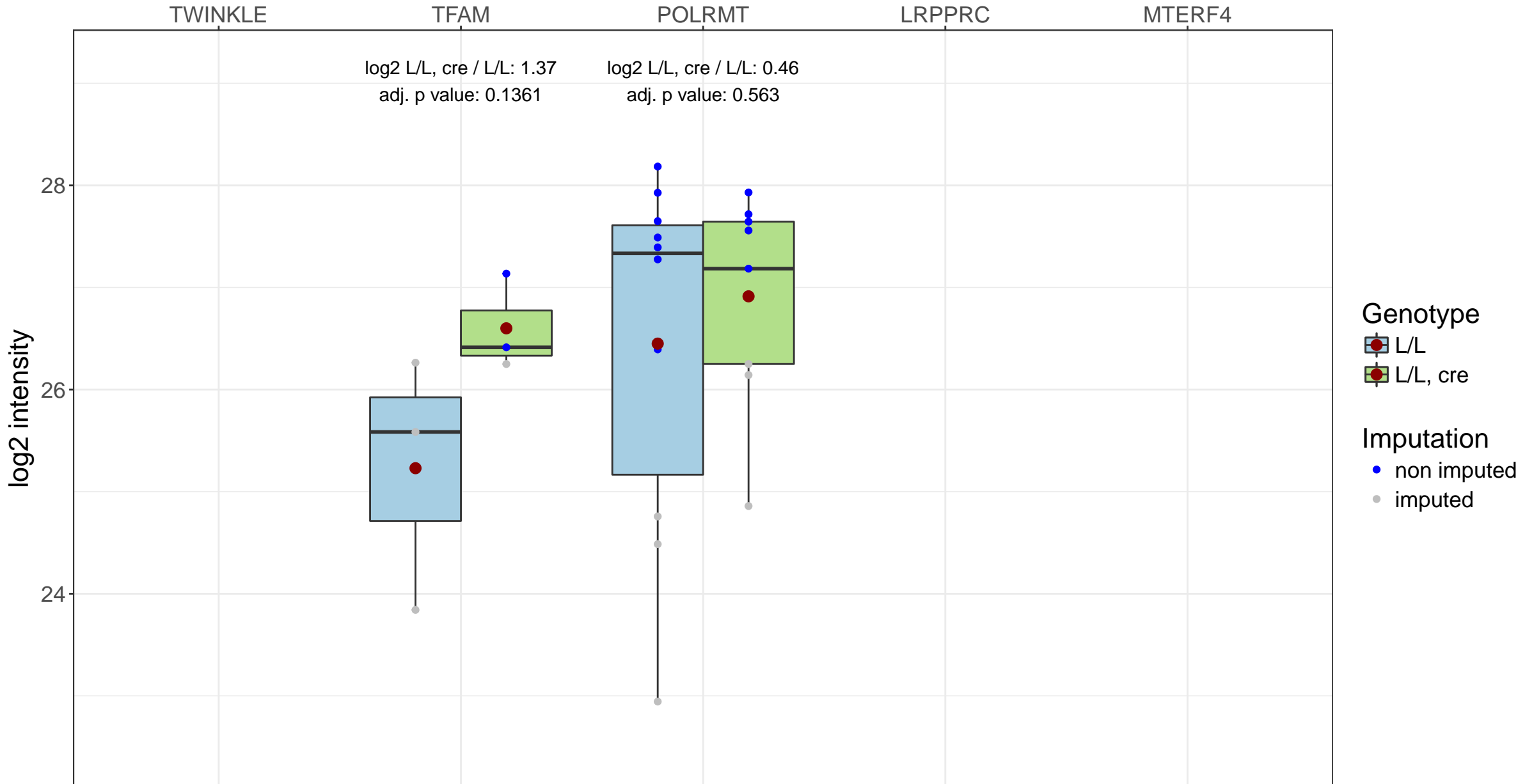
# RPL10 / Q6ZWV3



# RPL10A / Q5XJF6

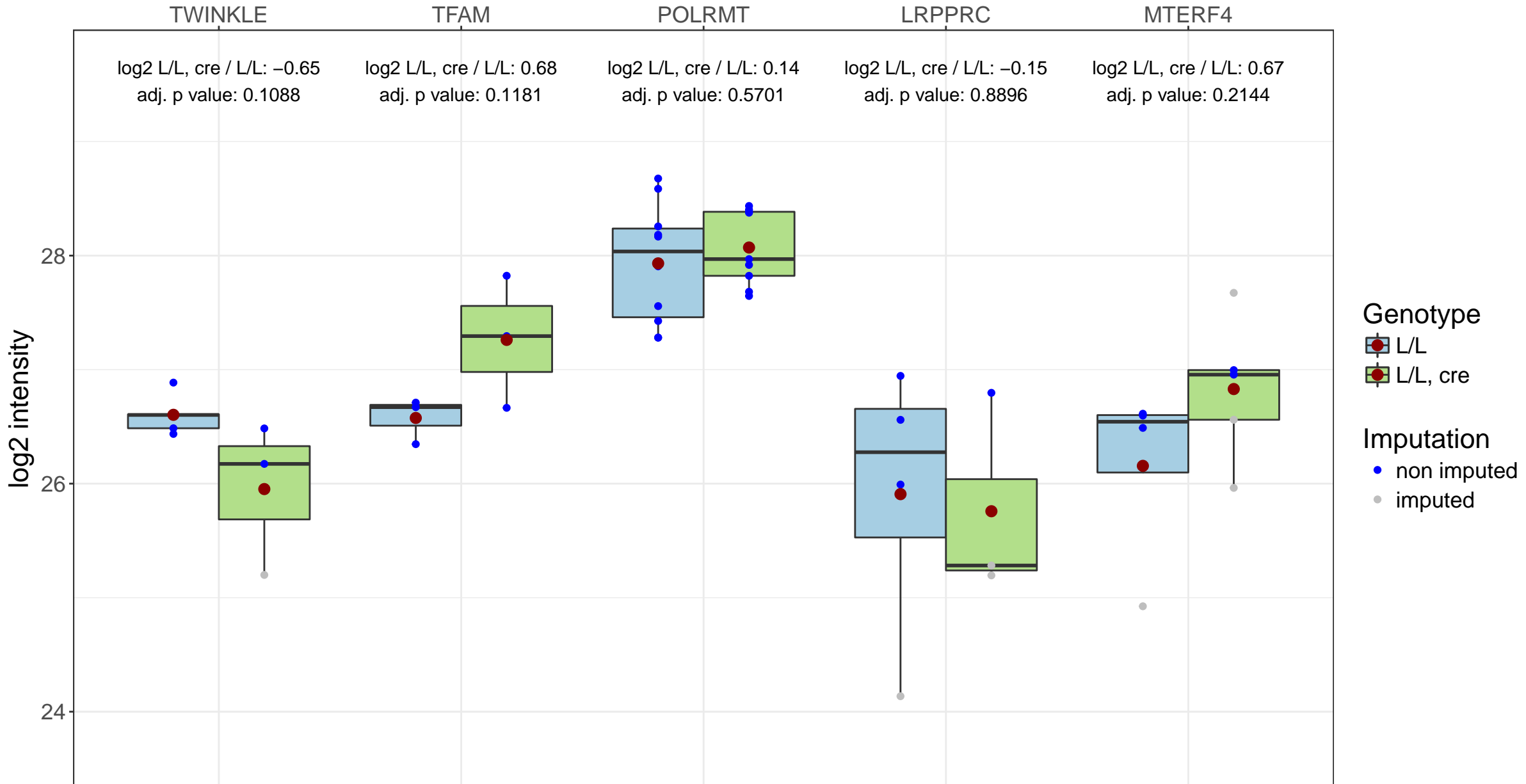


# RPL12 / P35979

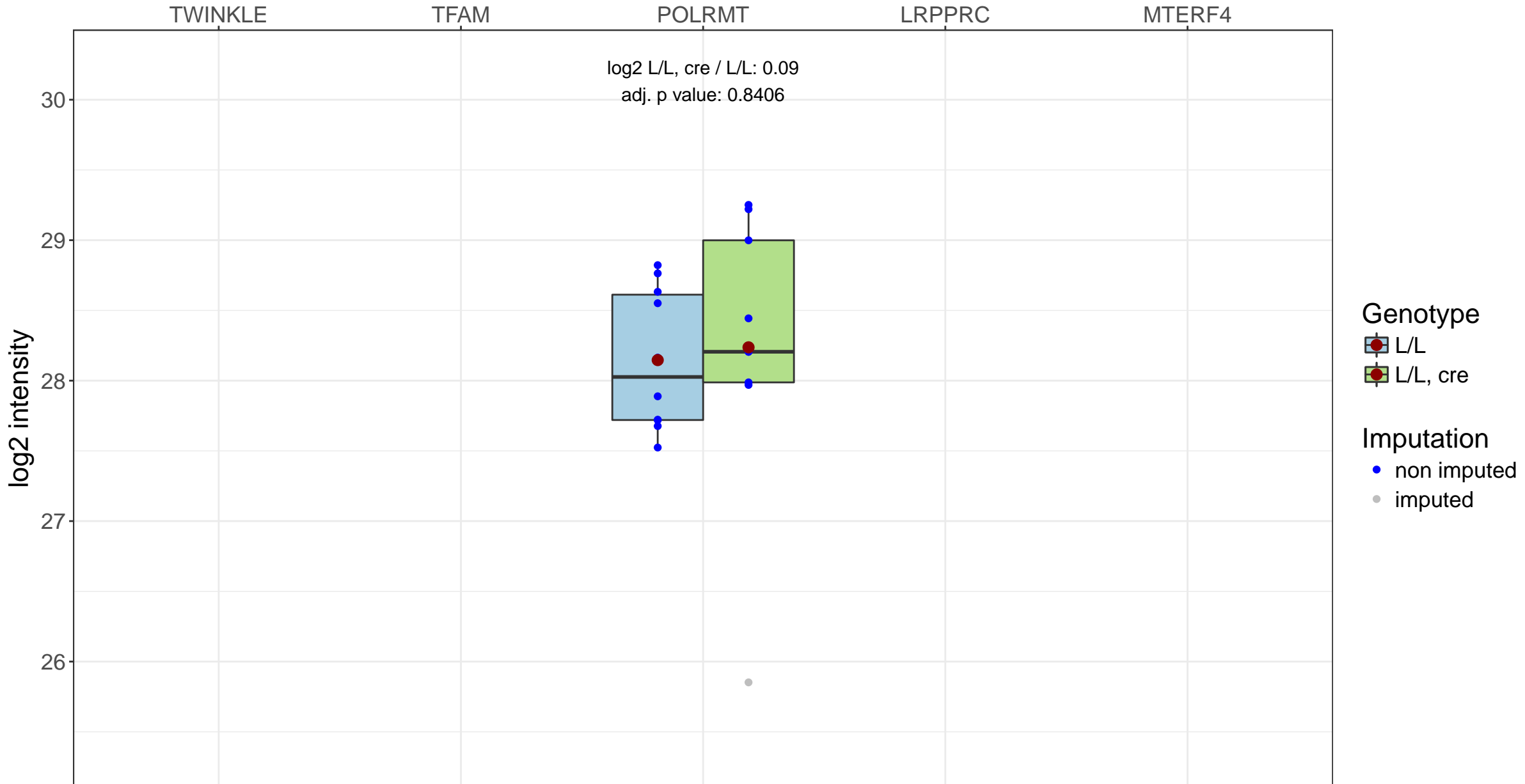




# RPL13 / P47963



# RPL13A / P19253



# RPL14 / Q9CR57

TWINKLE

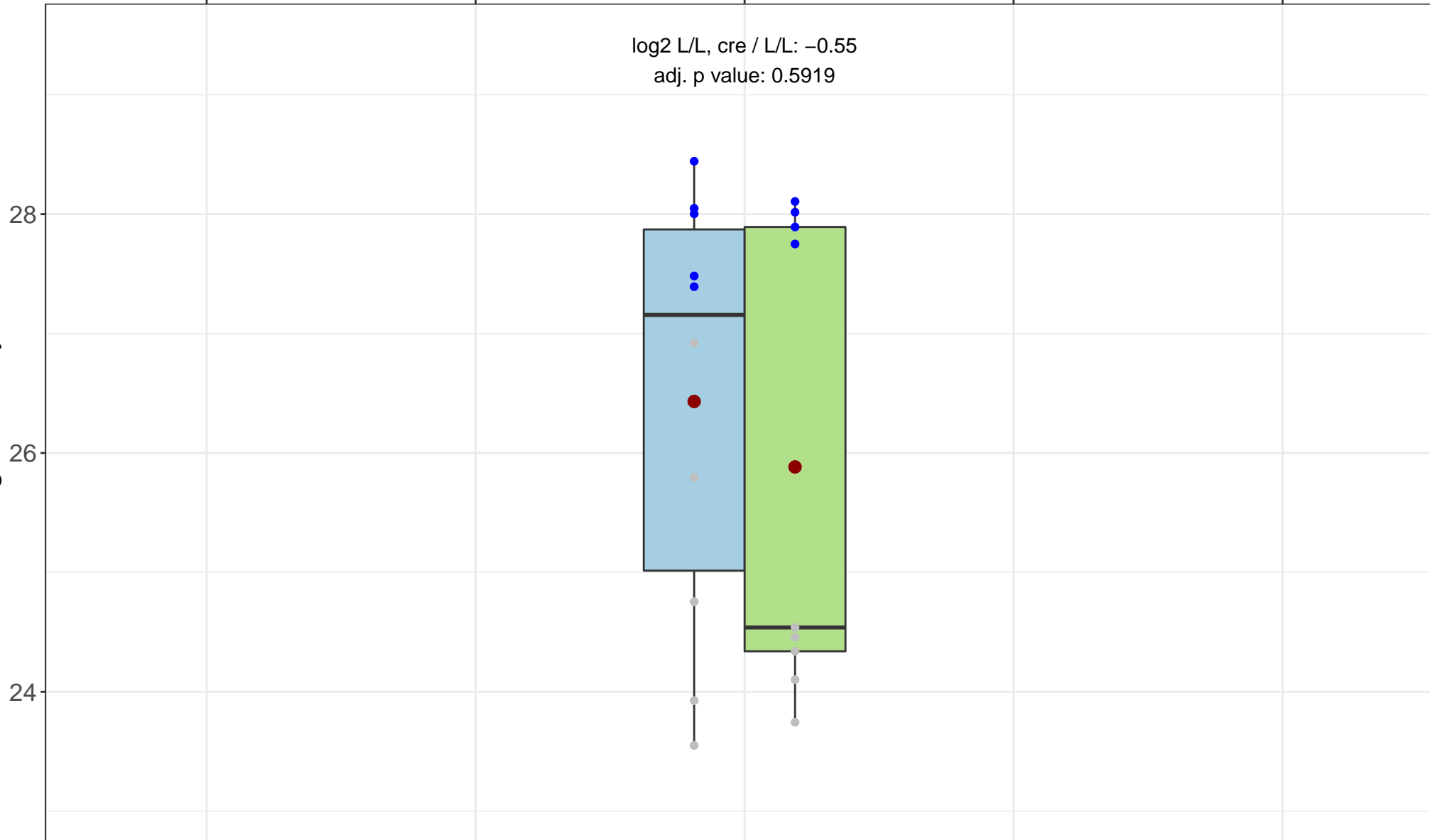
TFAM

POLRMT

LRPPRC

MTERF4

log<sub>2</sub> intensity



Genotype

L/L

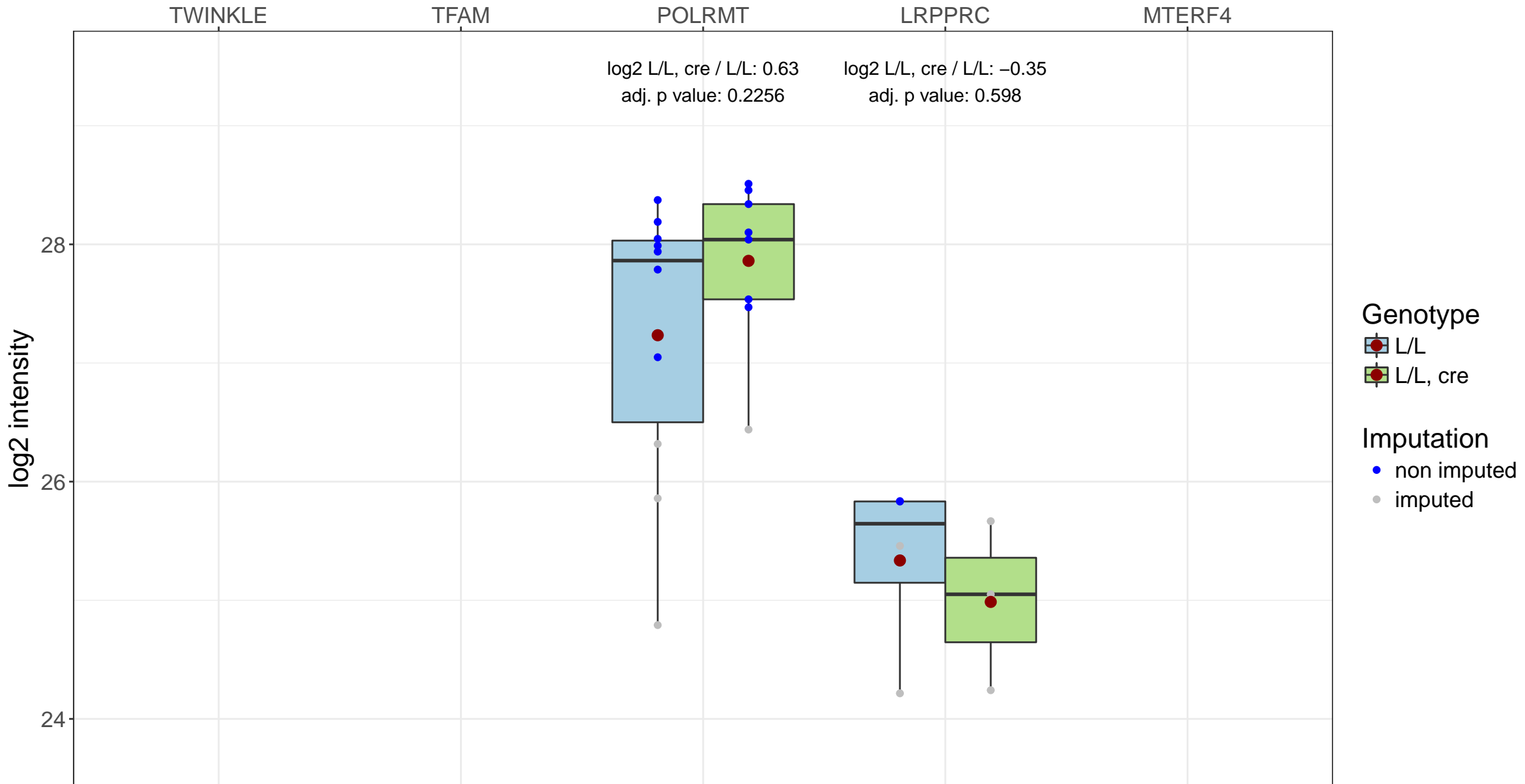
L/L, cre

Imputation

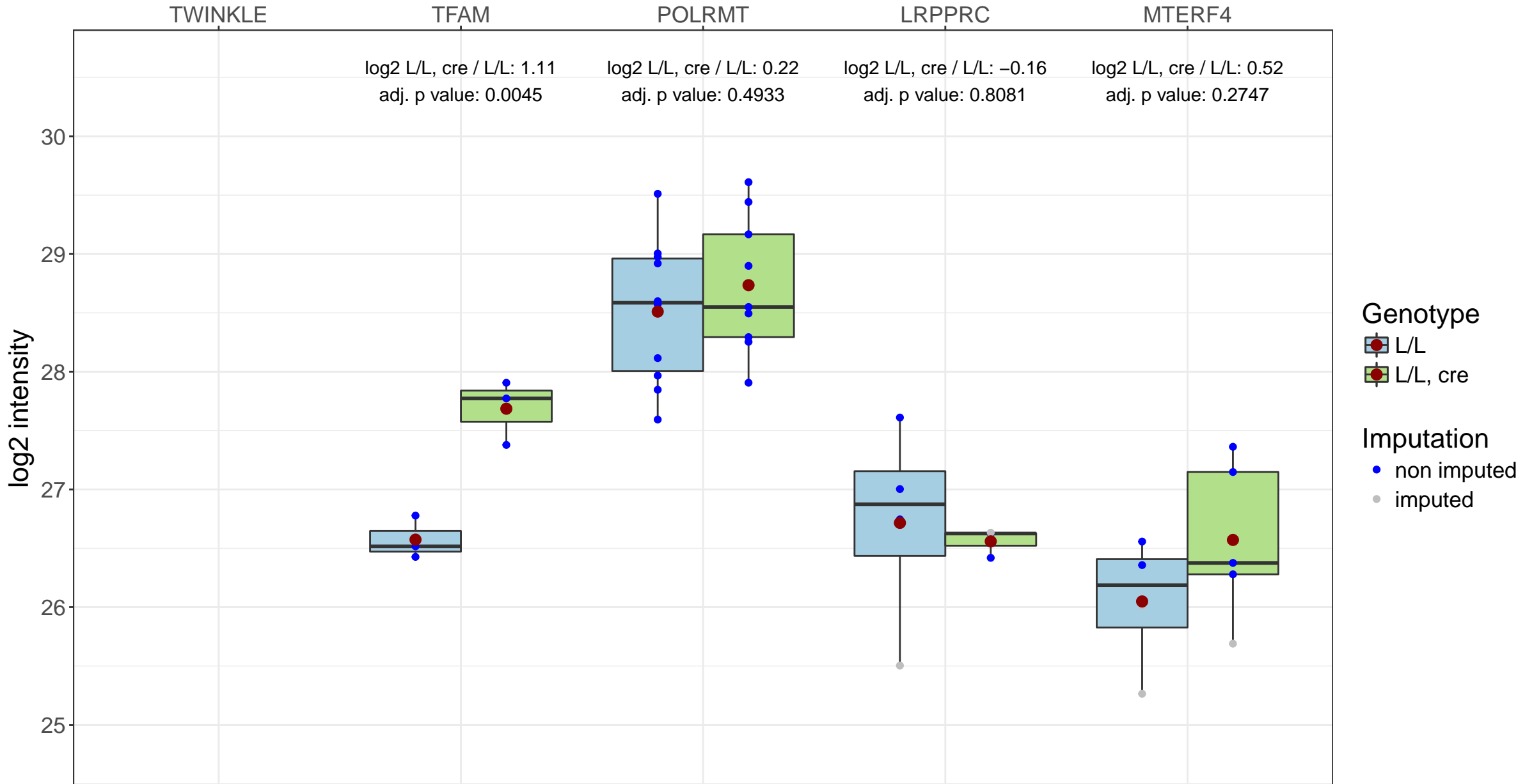
non imputed

imputed

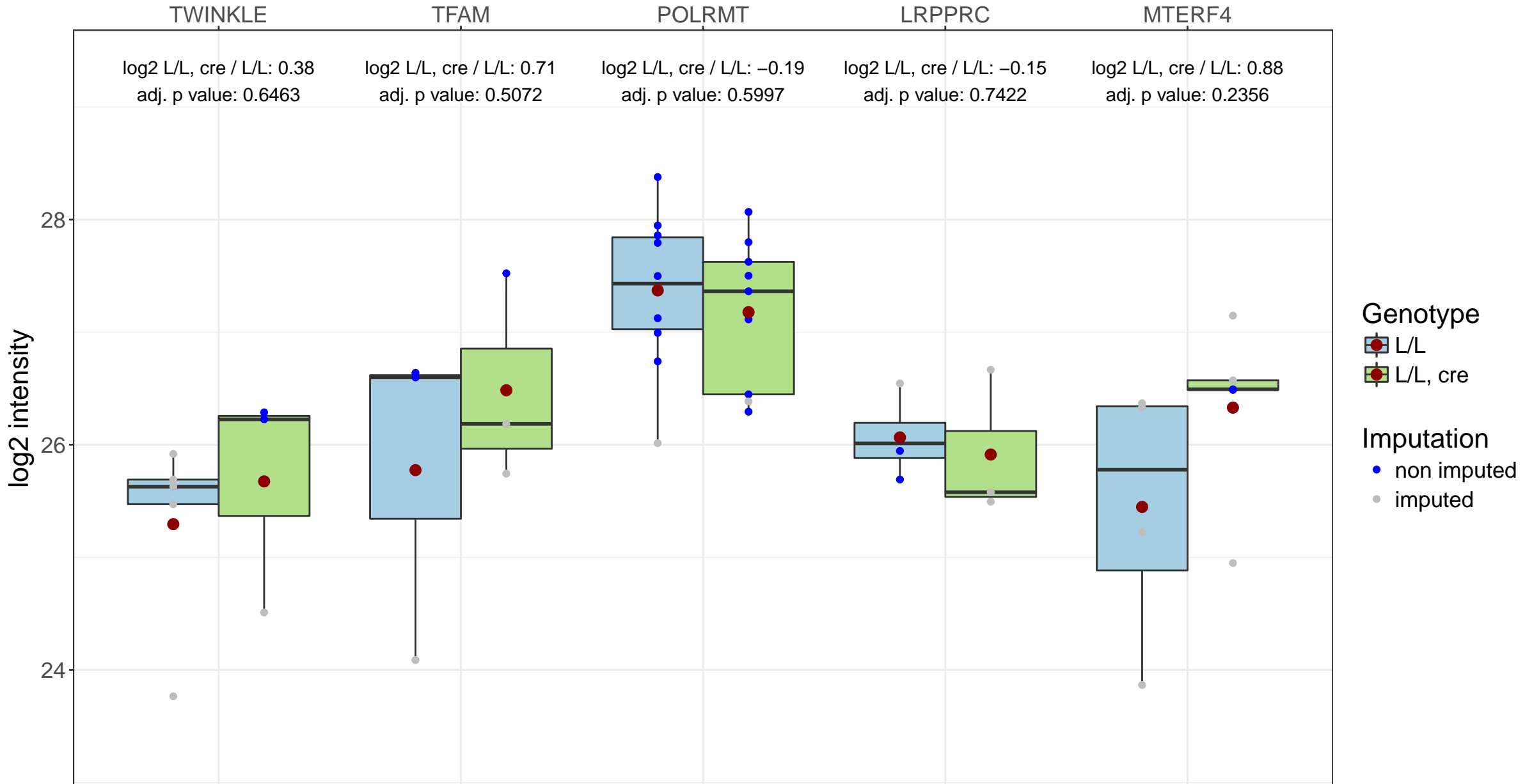
# RPL17 / Q6ZWZ7



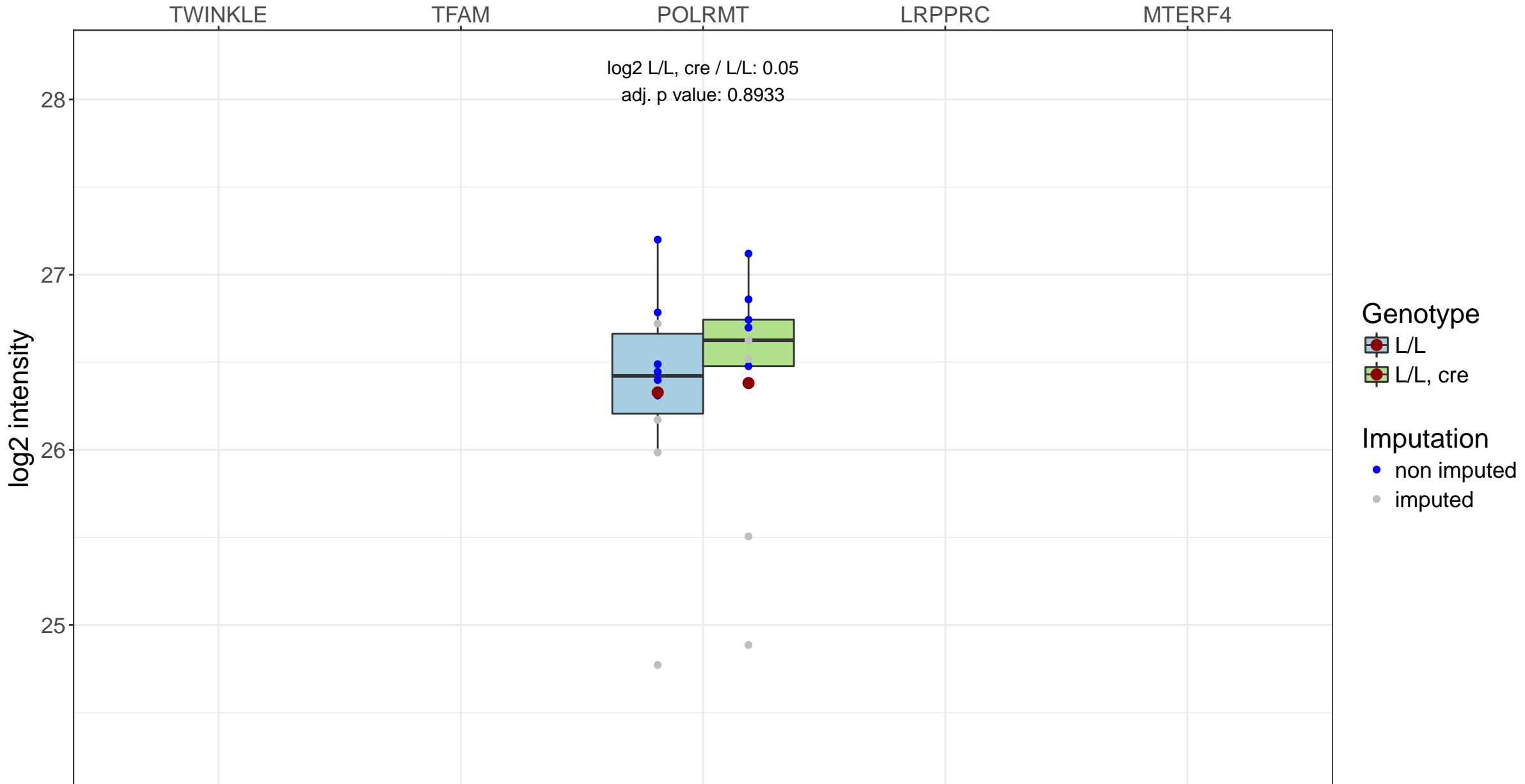
# RPL18 / P35980



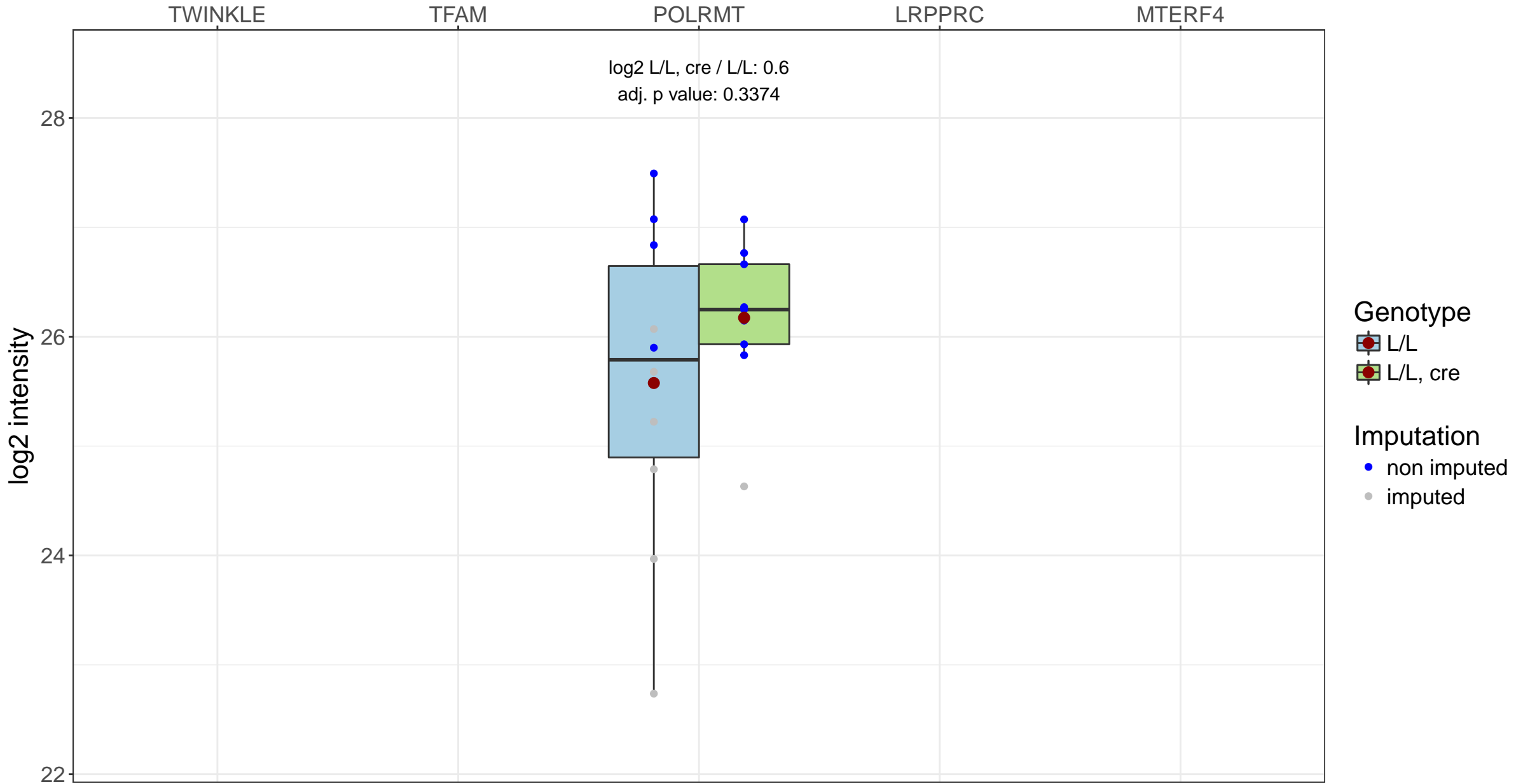
# RPL18A / P62717



# RPL19 / A2A547

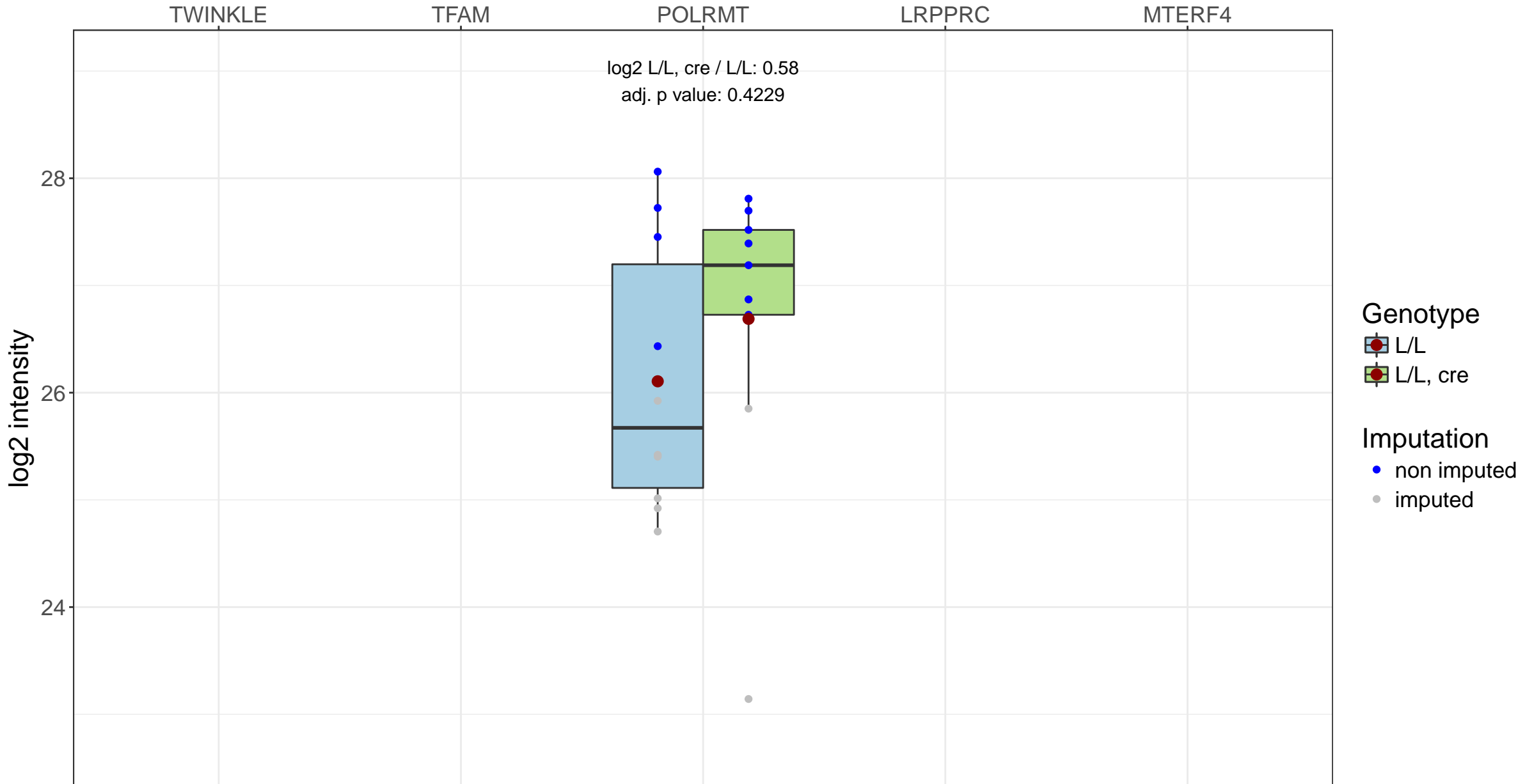


# RPL22 / P67984

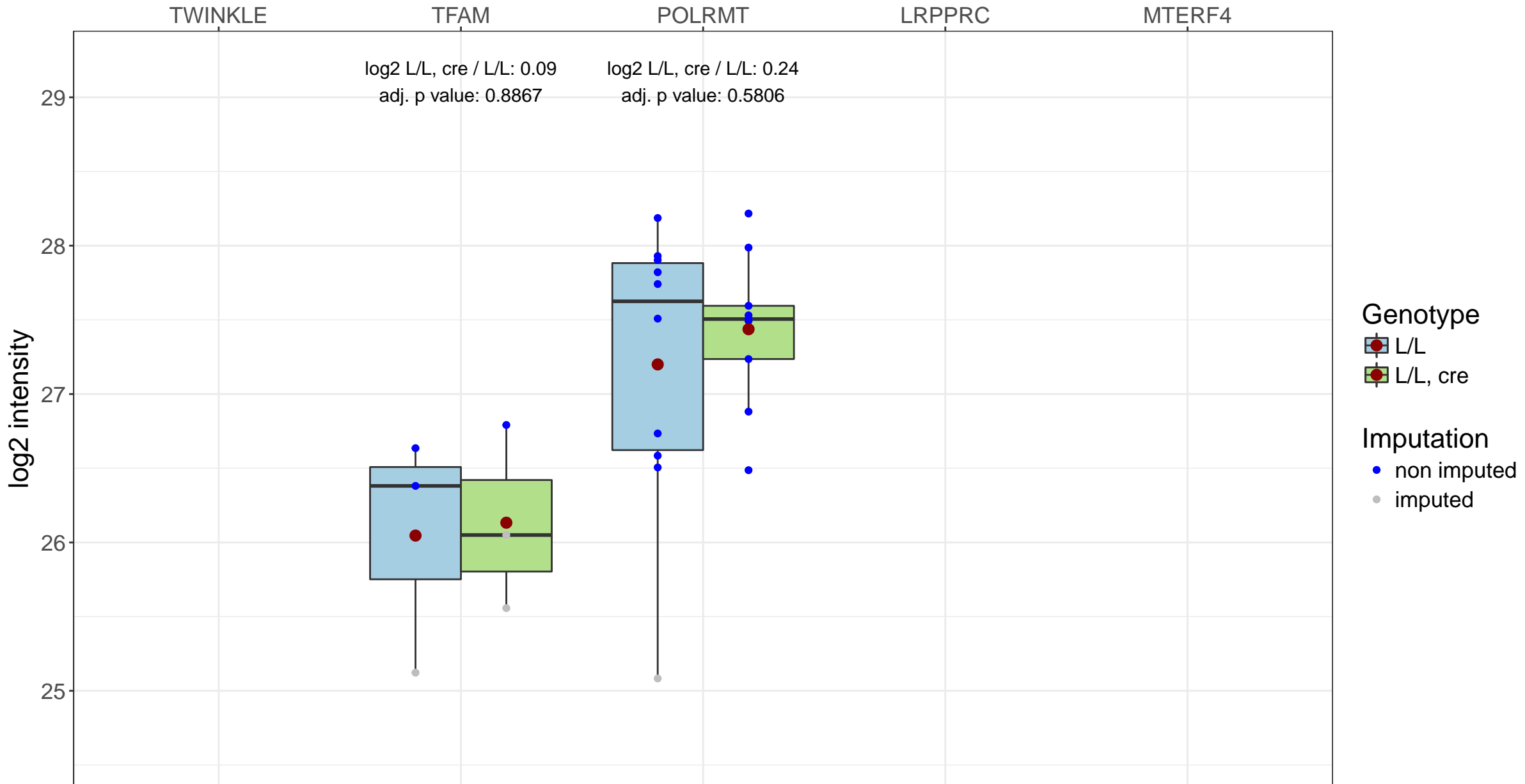




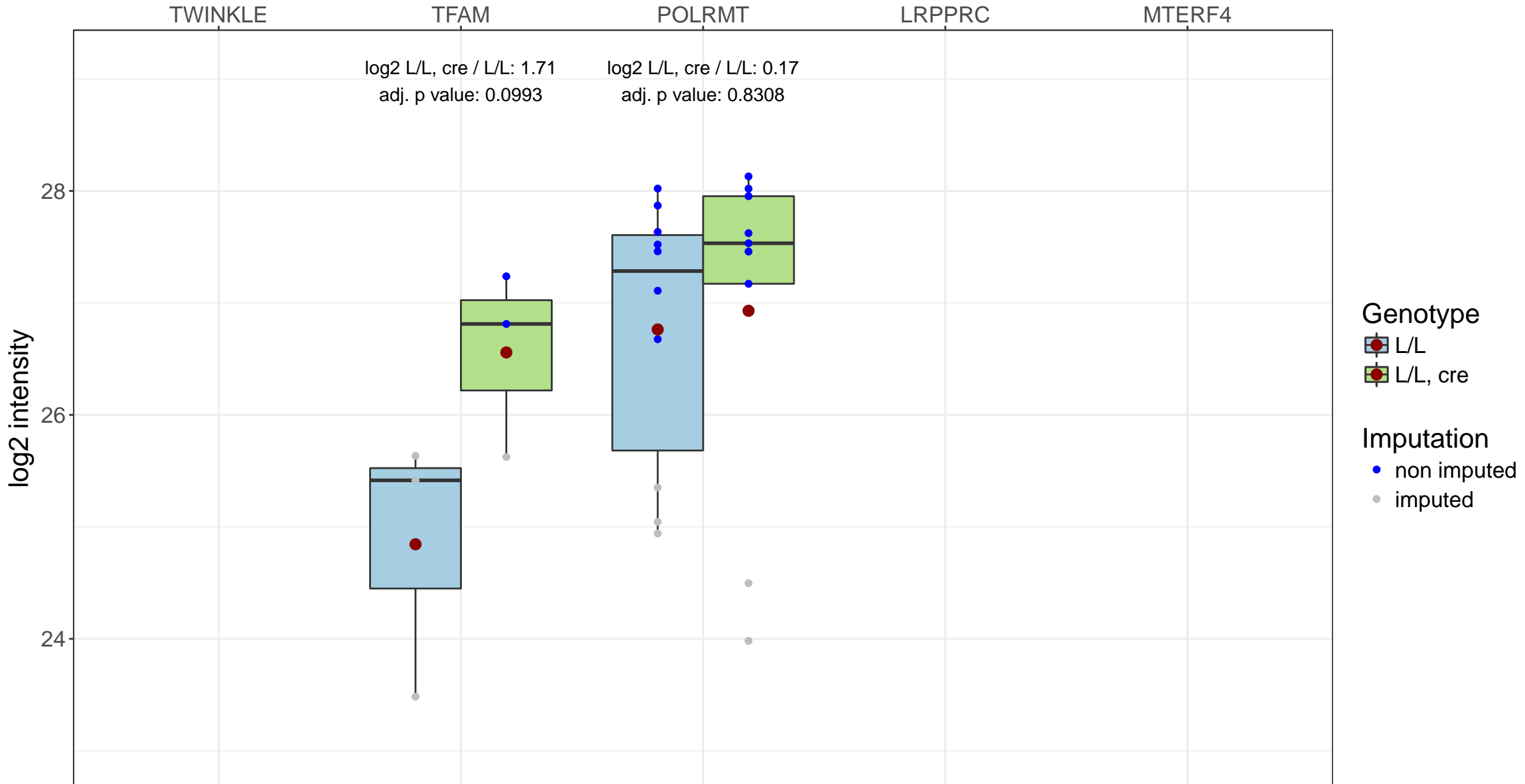
# RPL23 / P62830



# RPL24 / Q8BP67



# RPL26 / P61255



# RPL27A / P14115

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 L/L, cre / L/L: 1.37  
adj. p value: 0.0685

log2 intensity

28

26

24

Genotype

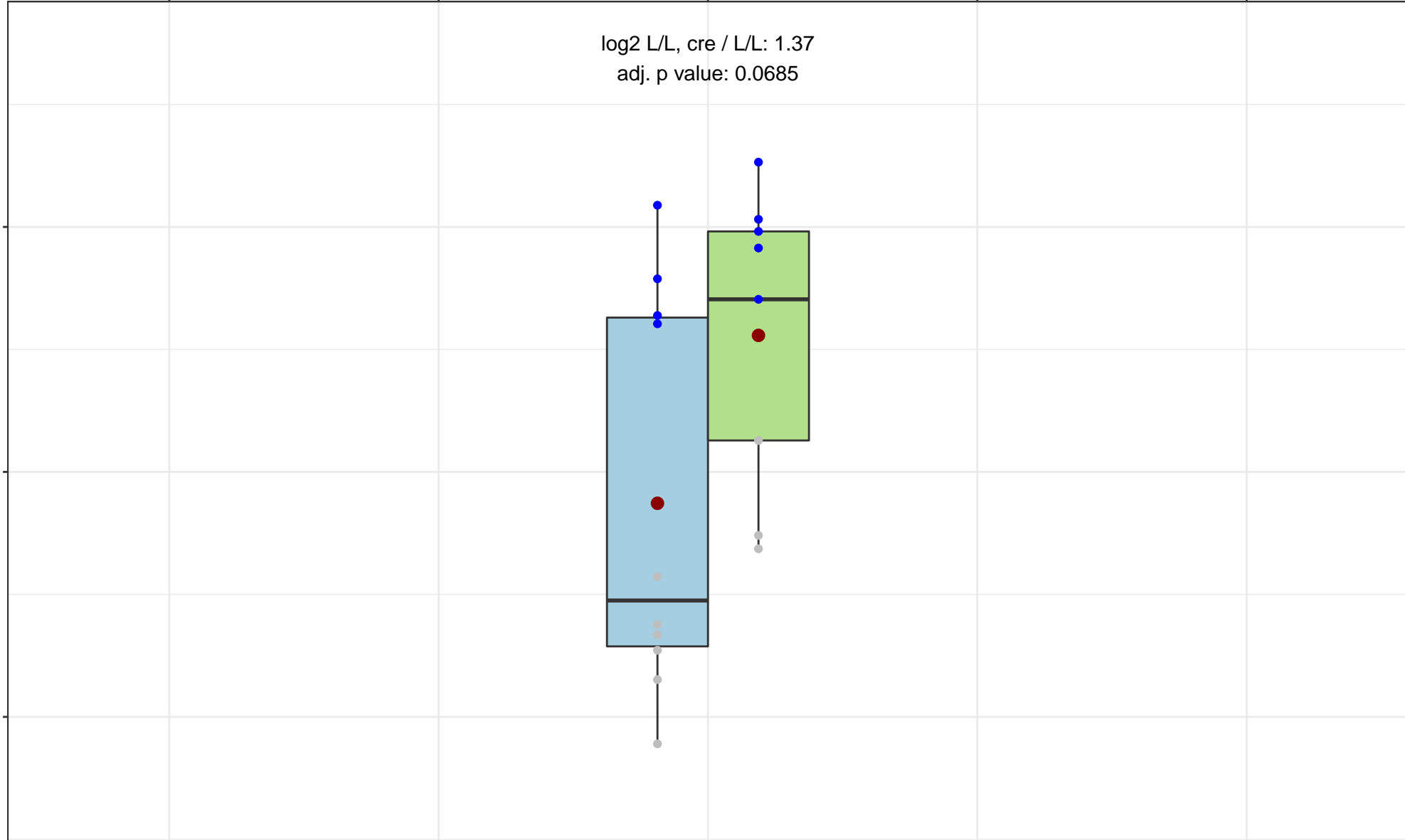
L/L

L/L, cre

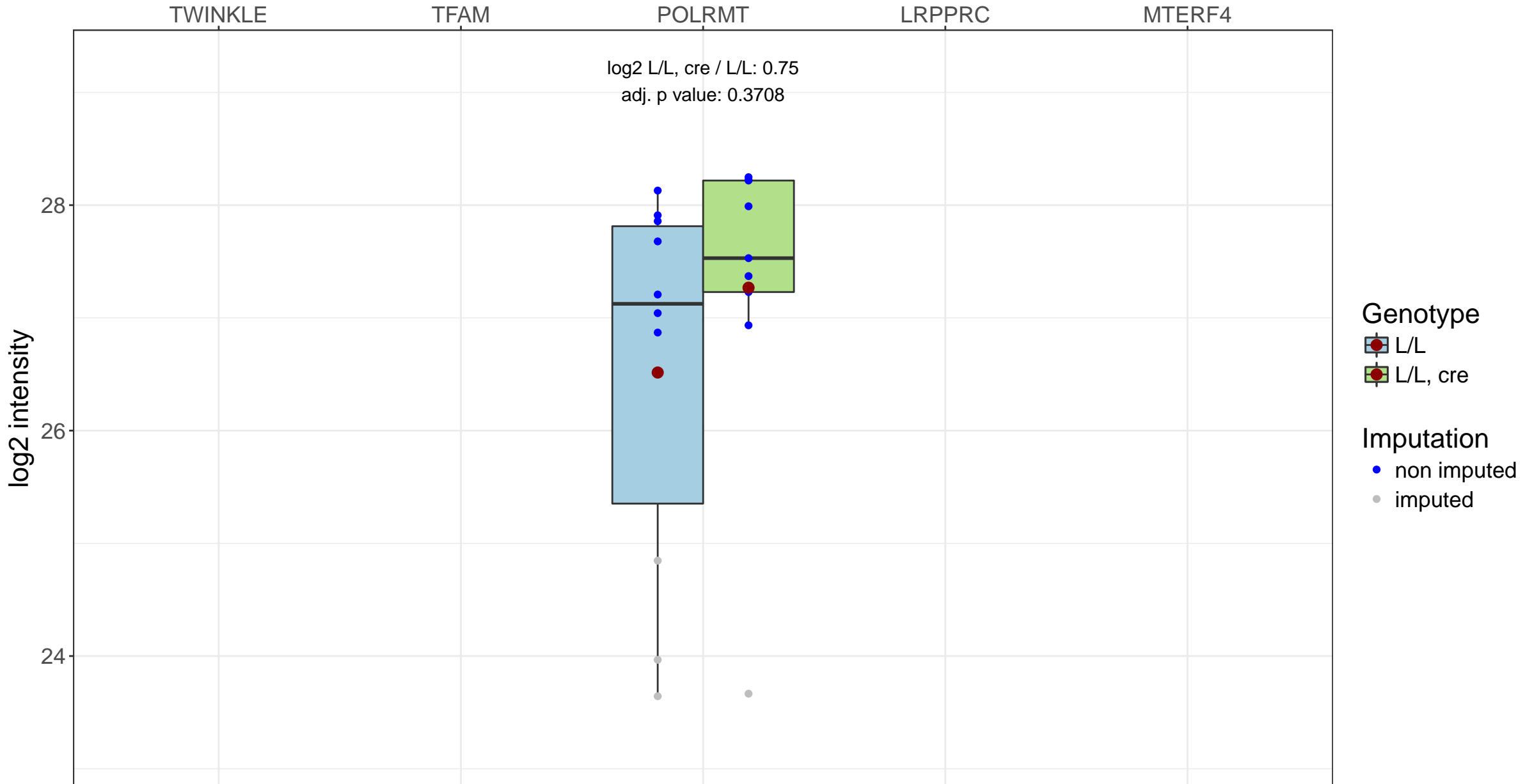
Imputation

non imputed

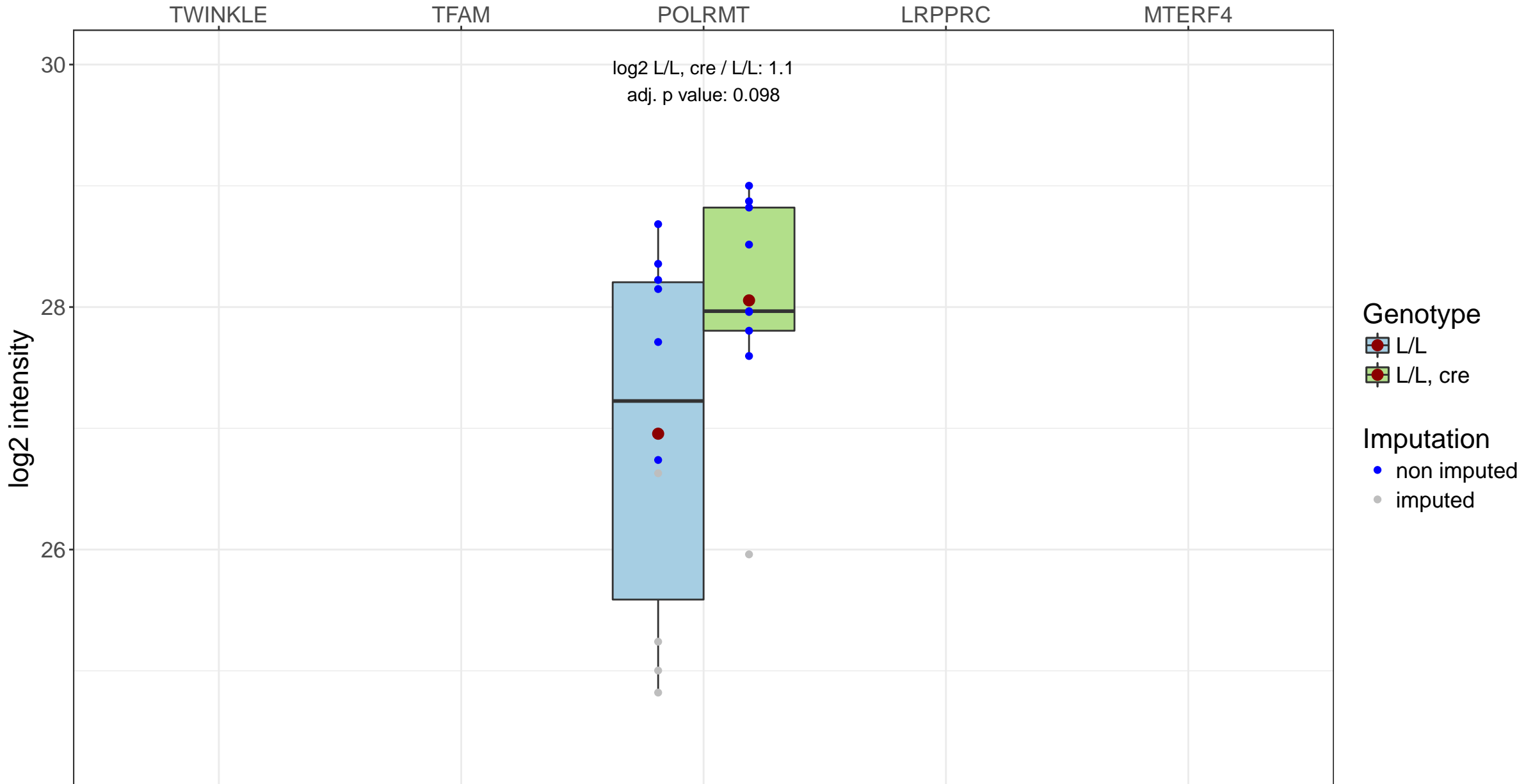
imputed



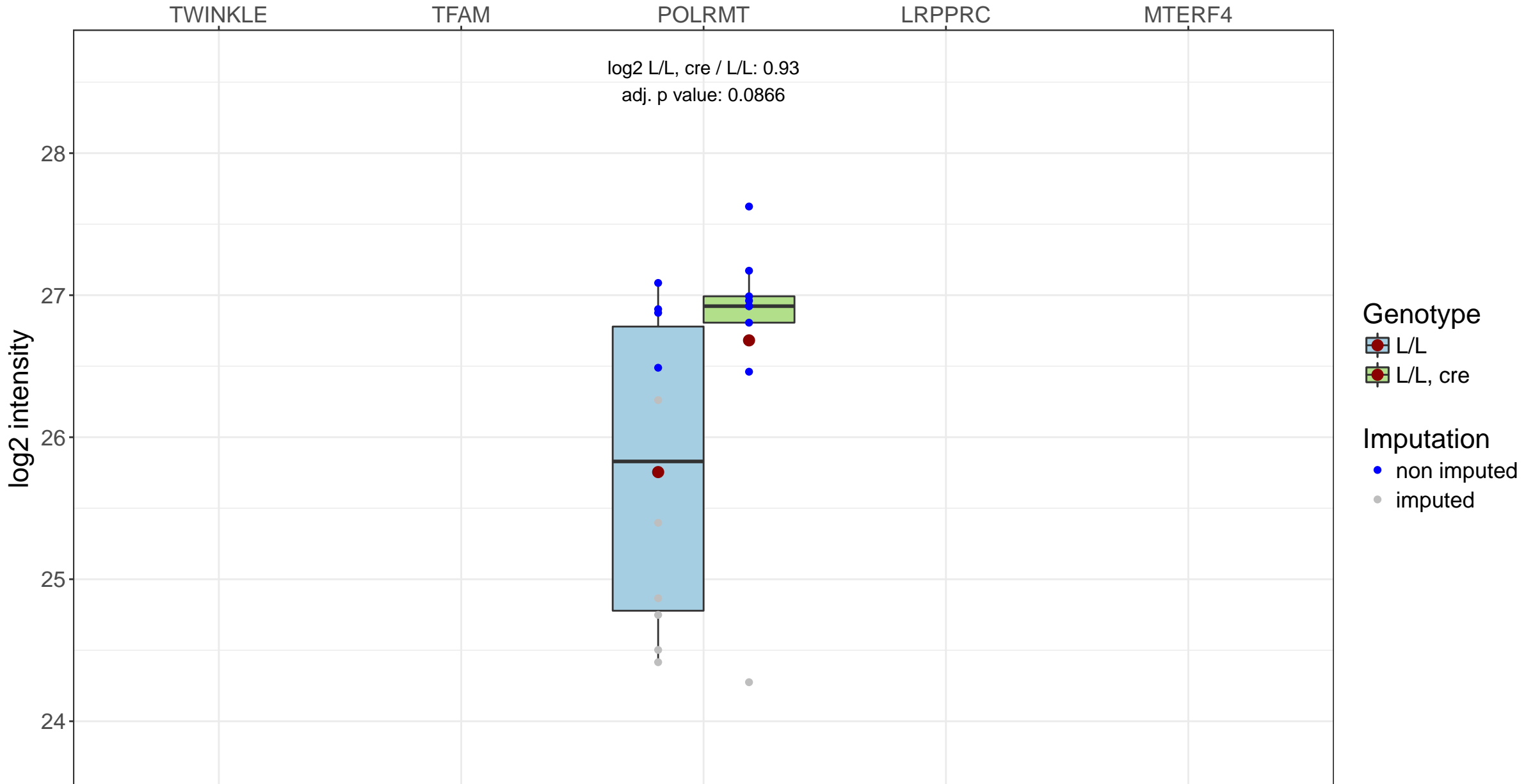
# RPL28 / P41105



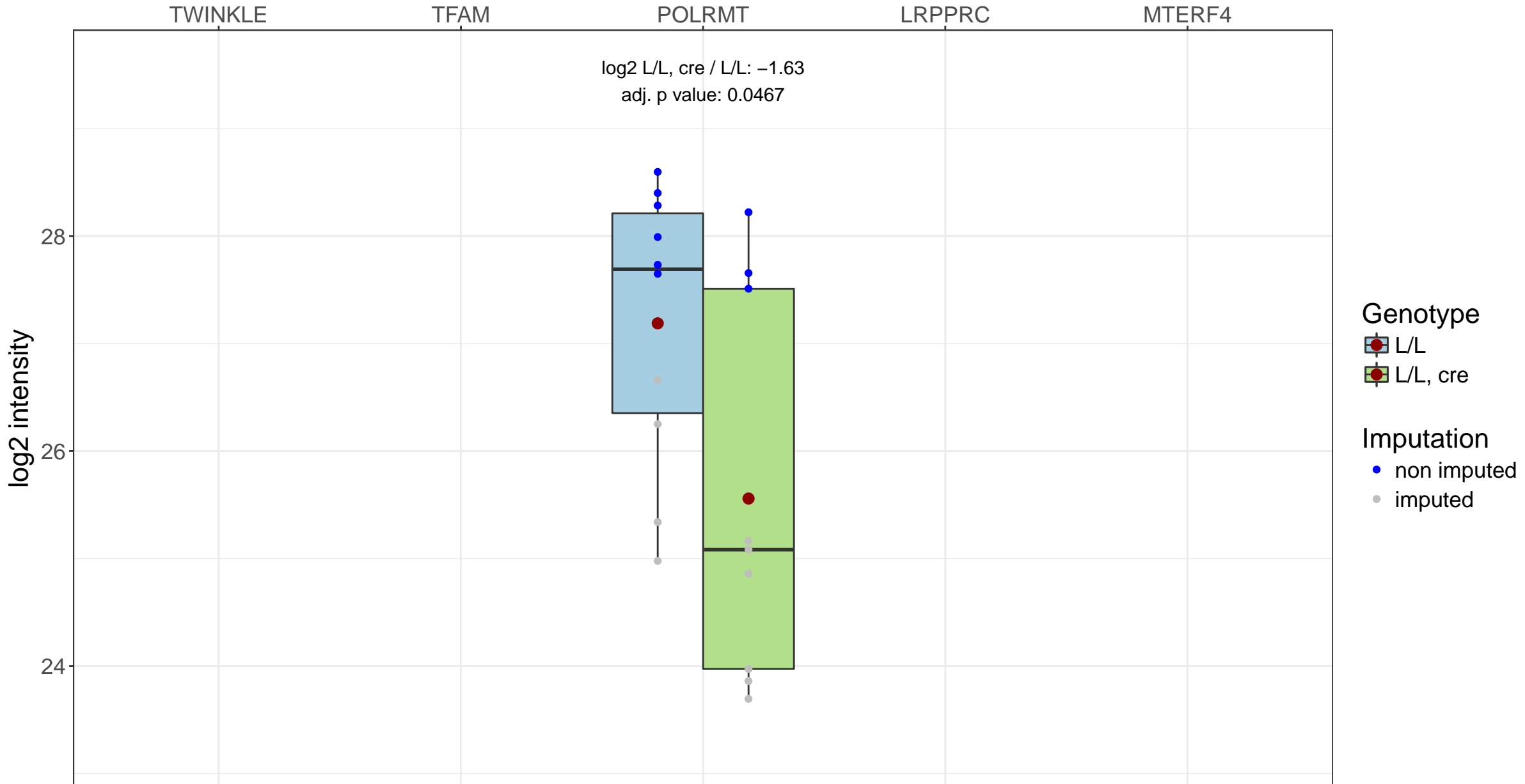
# RPL3 / P27659



# RPL30 / P62889

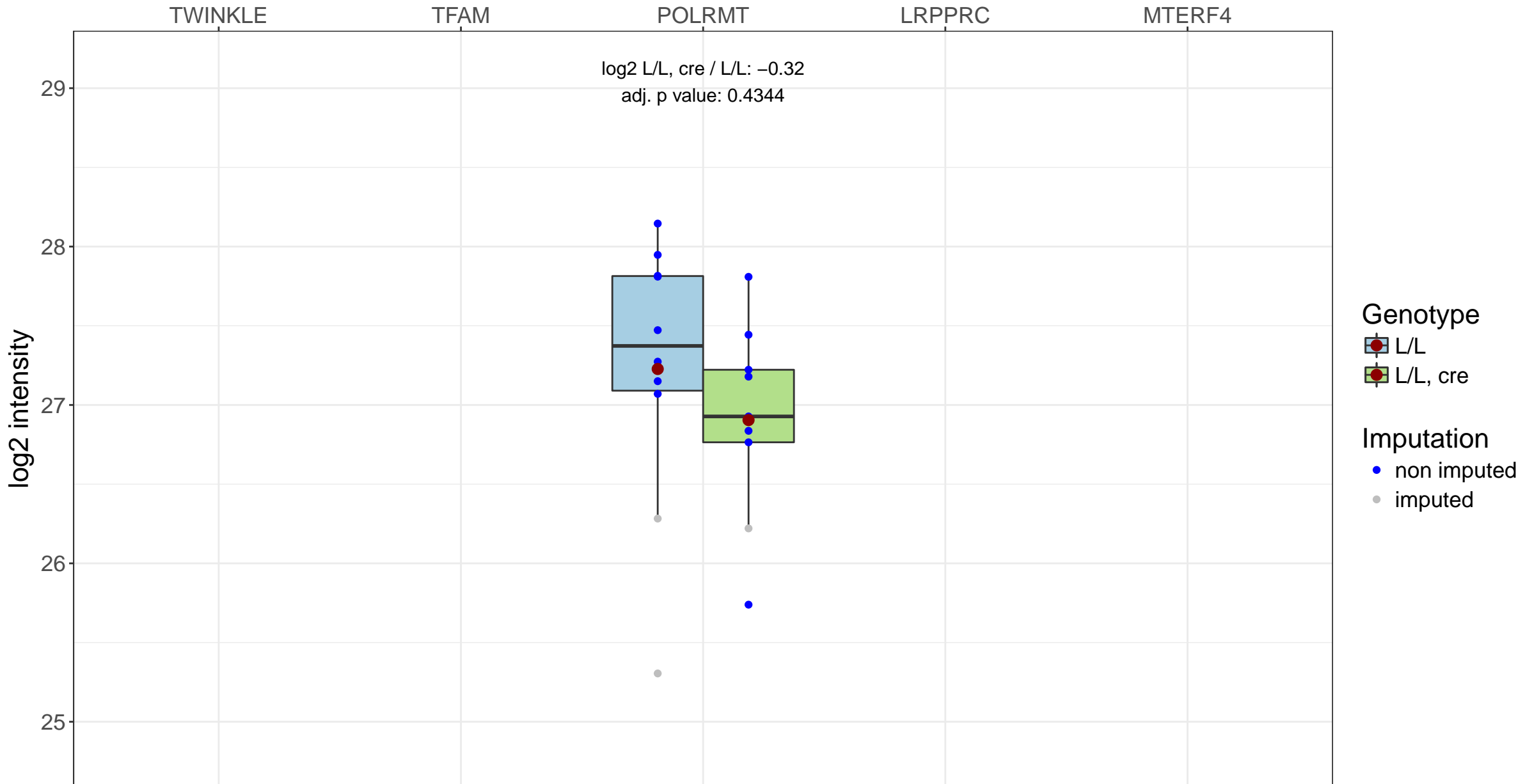


# RPL32 / P62911

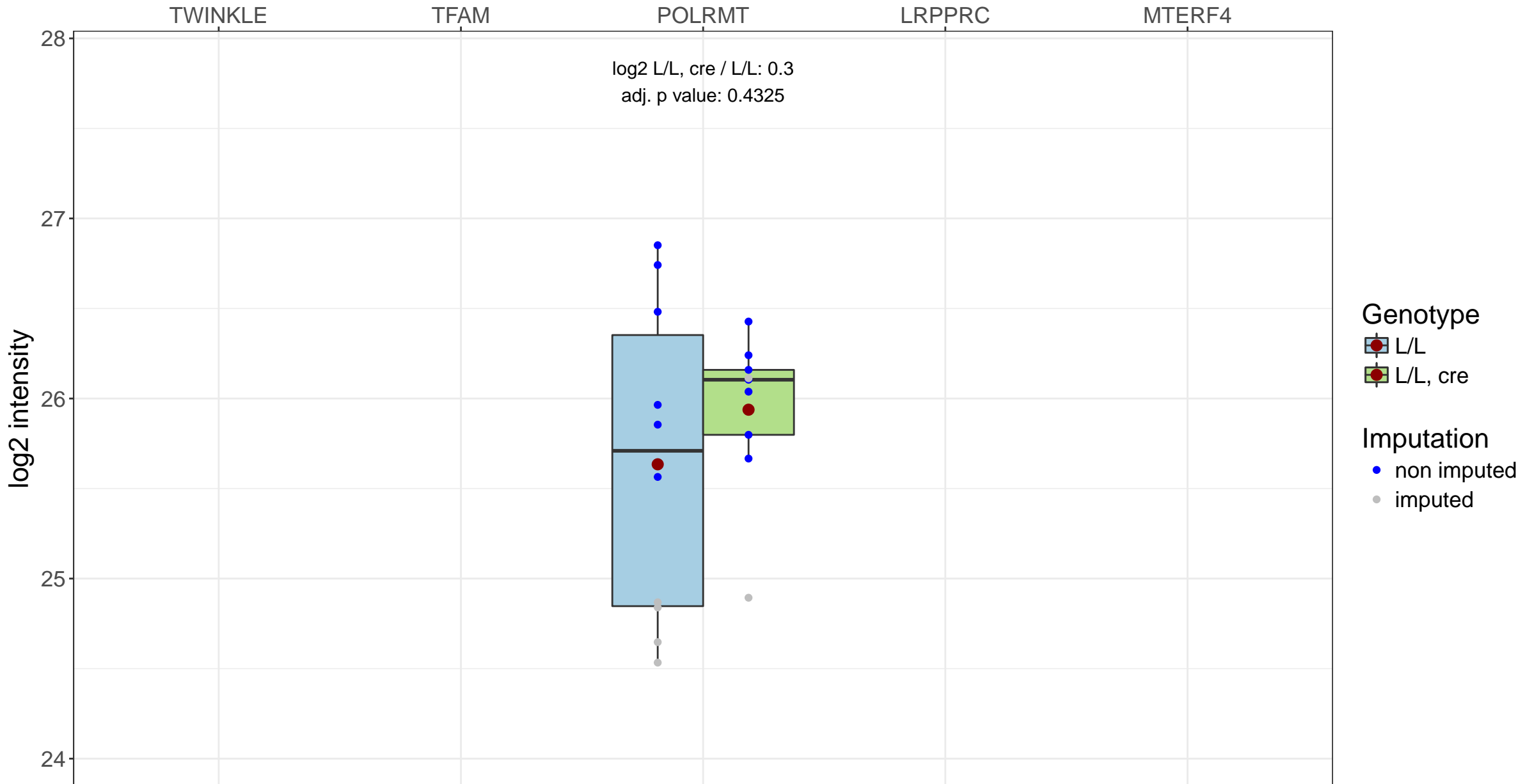




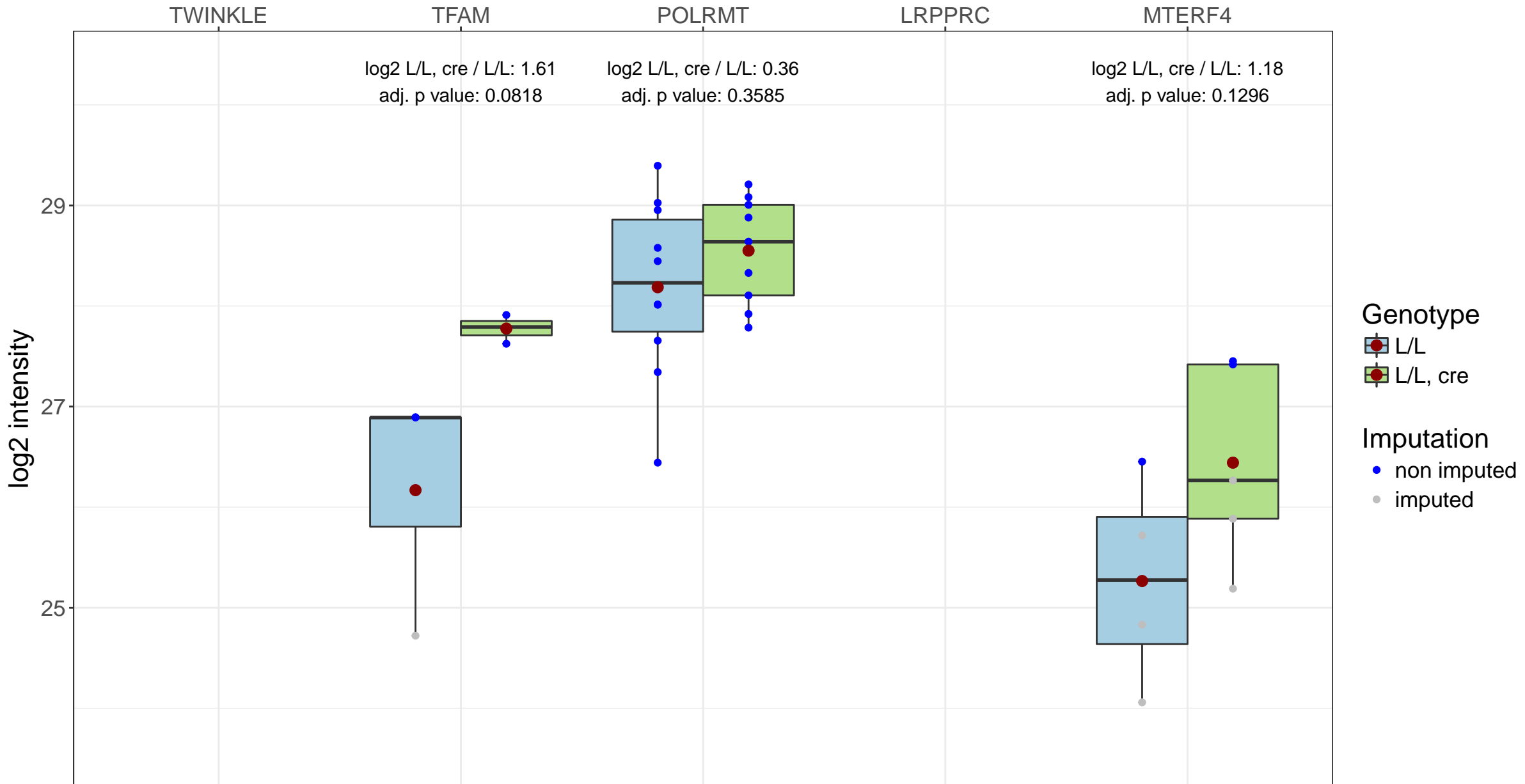
# RPL34 / Q9D1R9



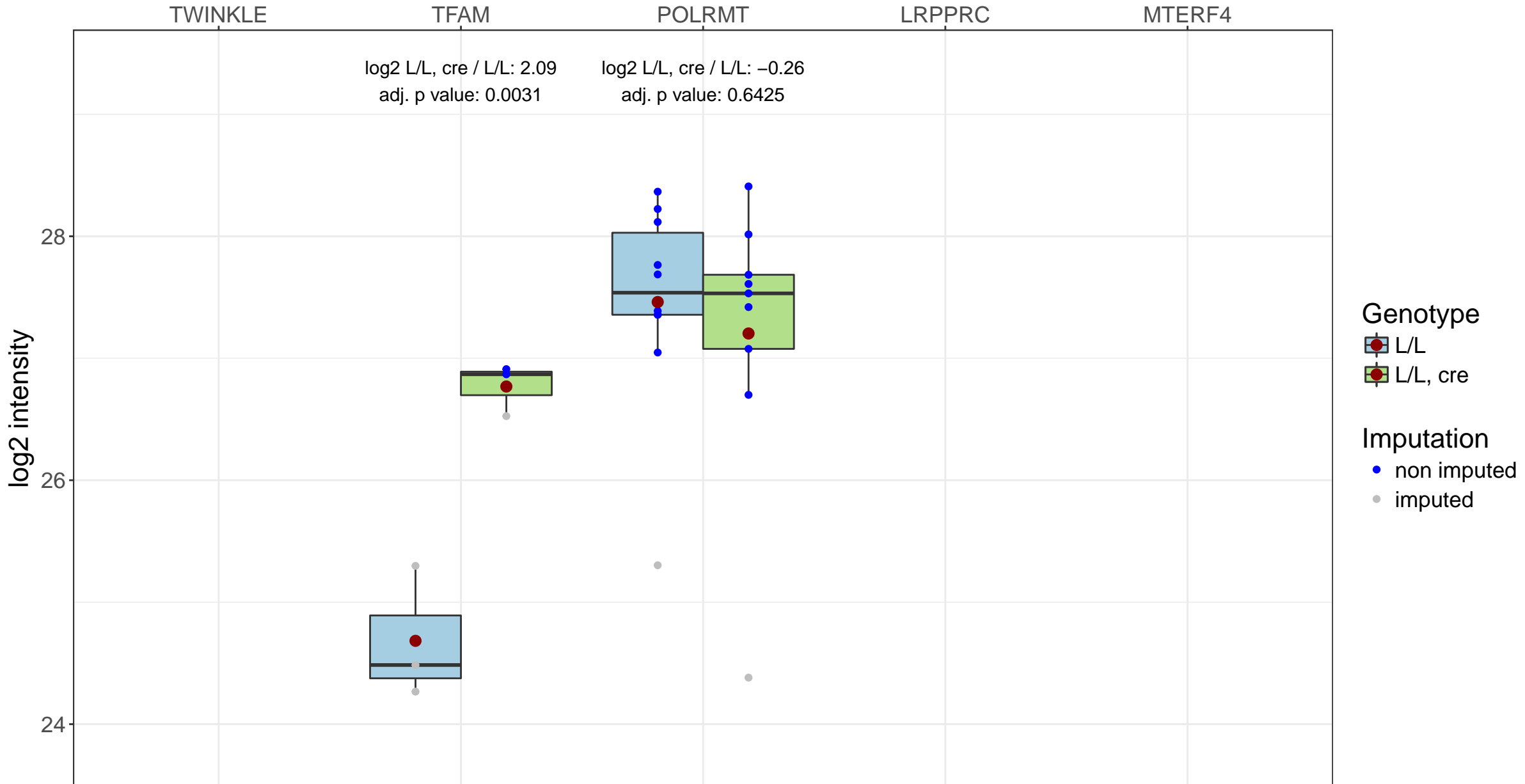
# RPL38 / Q9JJI8



# RPL4 / Q9D8E6



# RPL6 / P47911



# RPL7 / P14148

TWINKLE

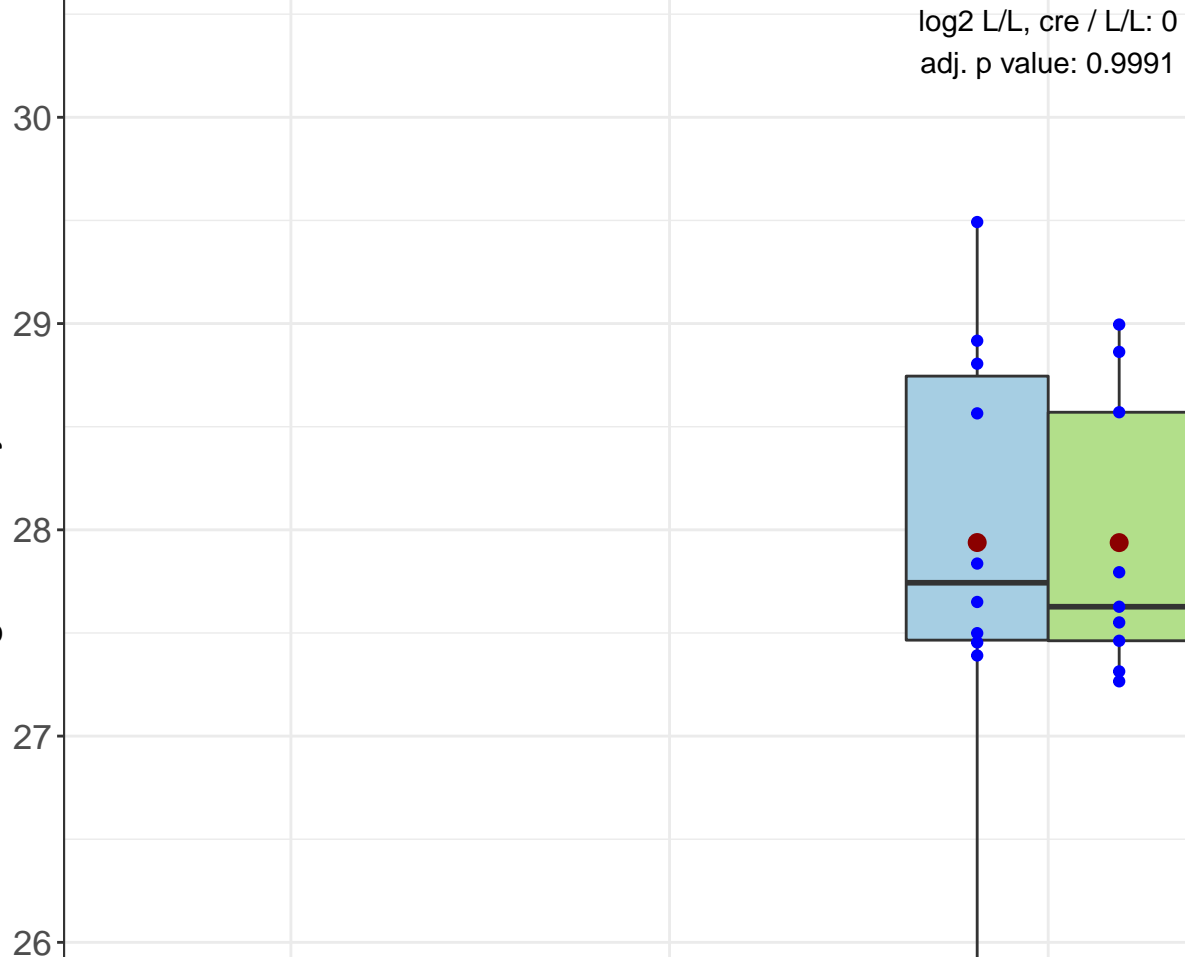
TFAM

POLRMT

LRPPRC

MTERF4

log2 intensity



Genotype

L/L

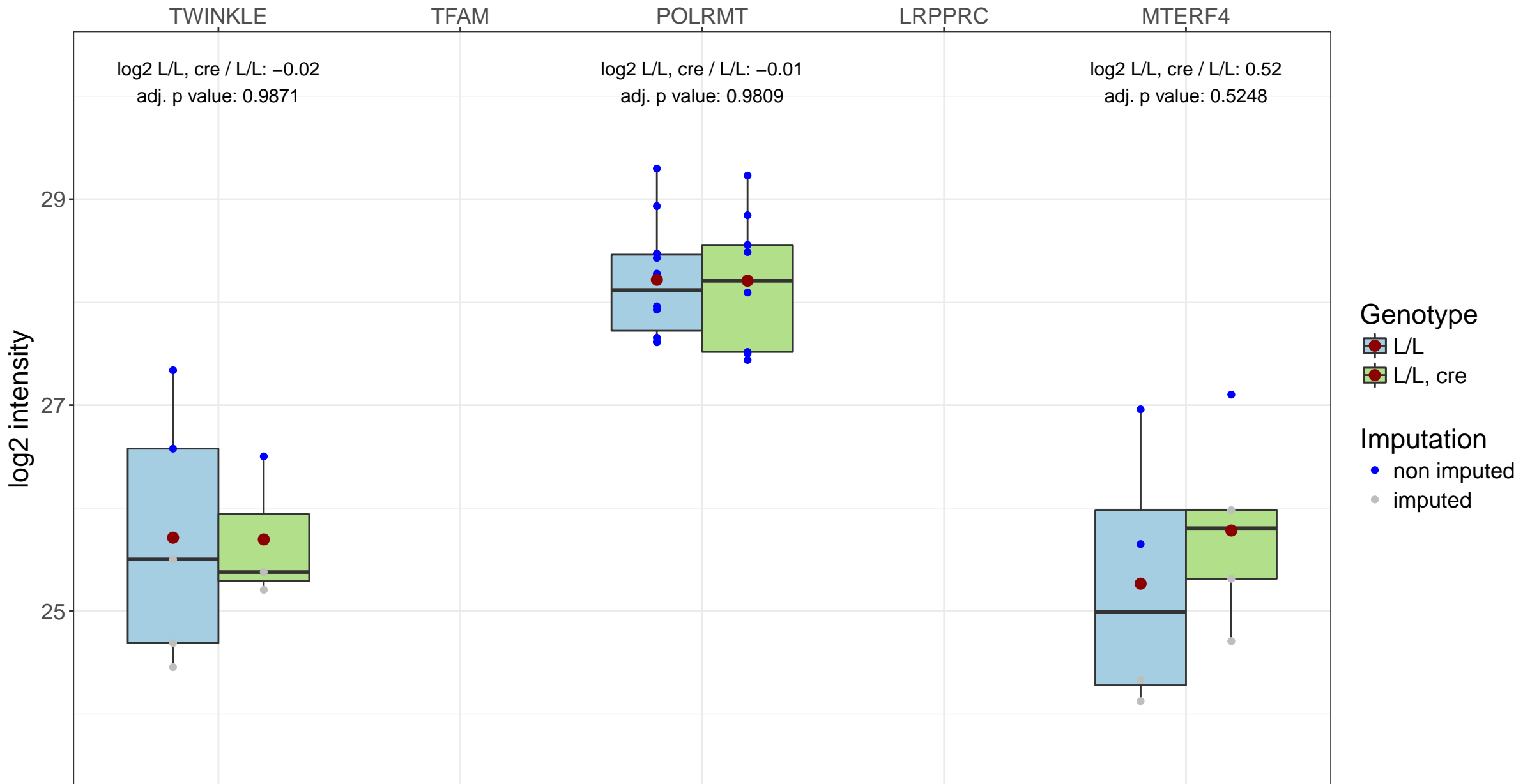
L/L, cre

Imputation

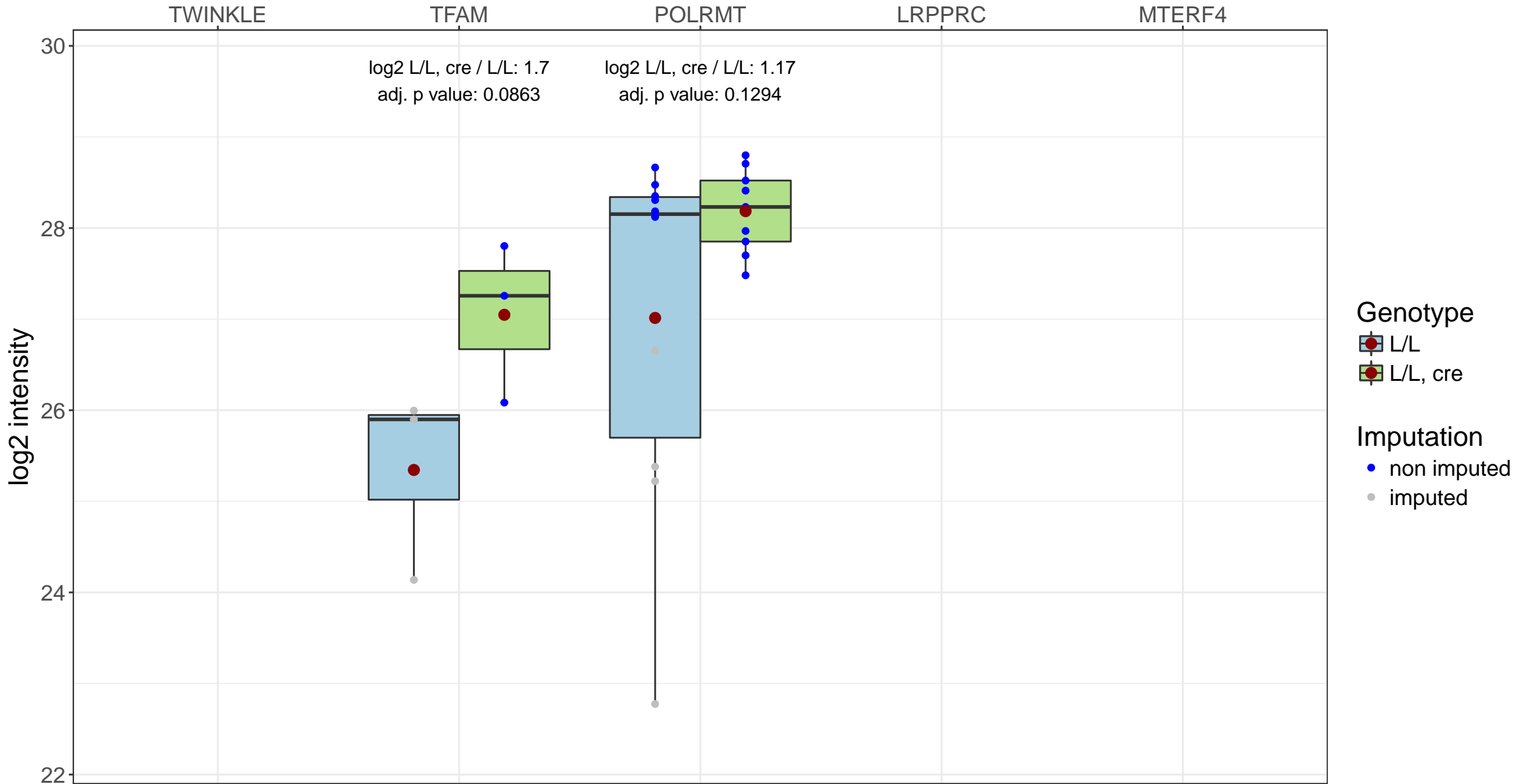
non imputed

imputed

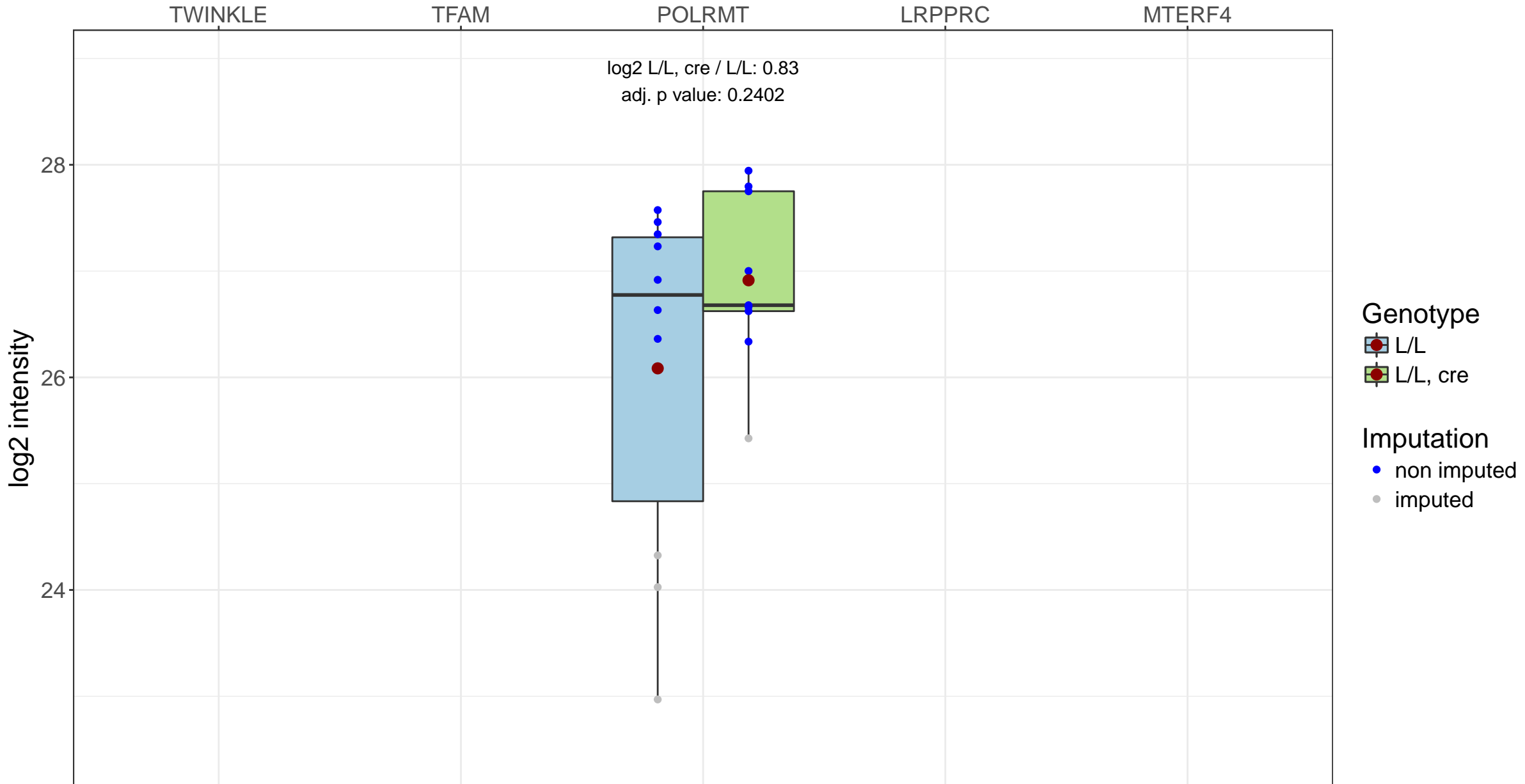
# RPL7A / P12970



# RPL8 / P62918

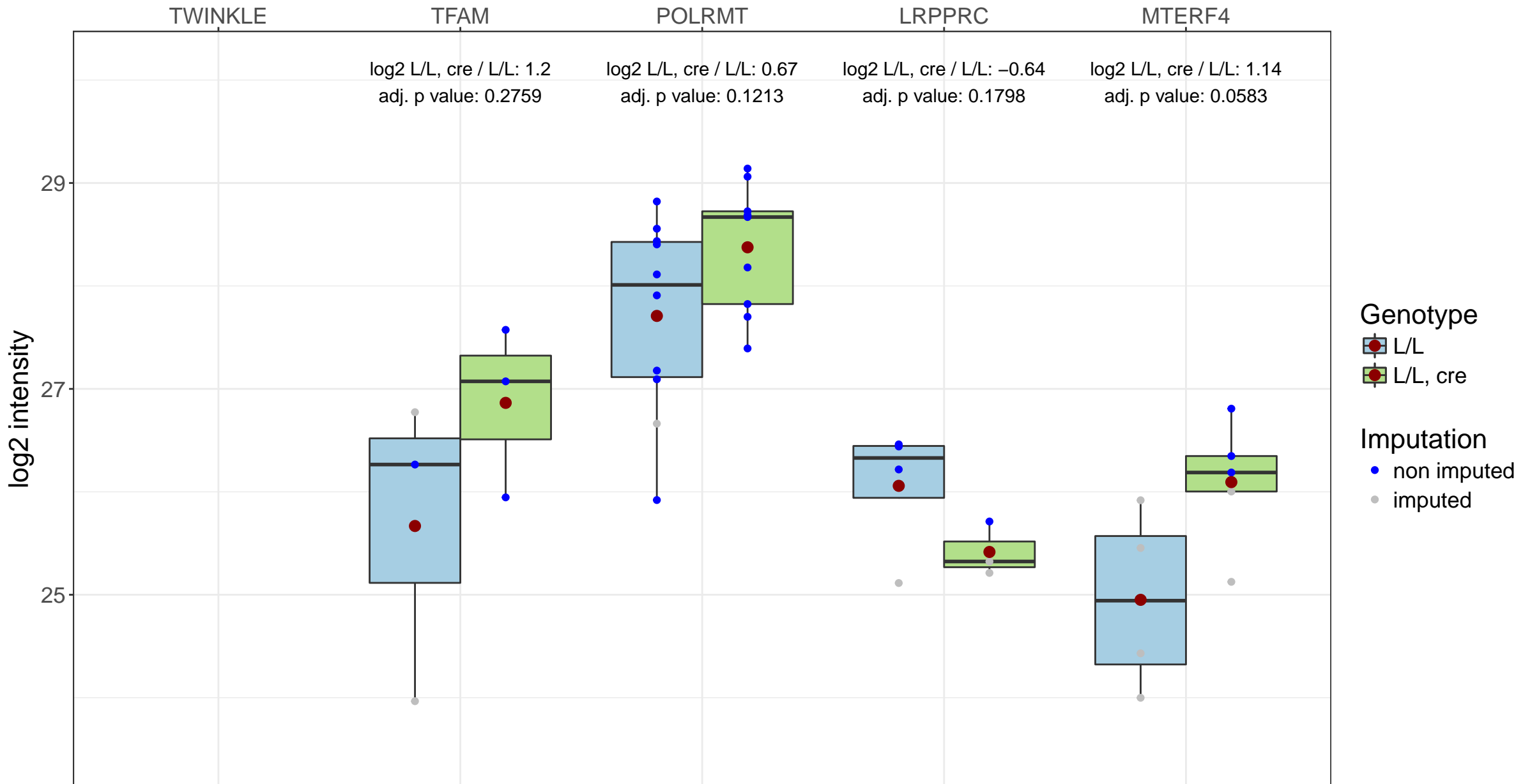


# RPL9 / P51410

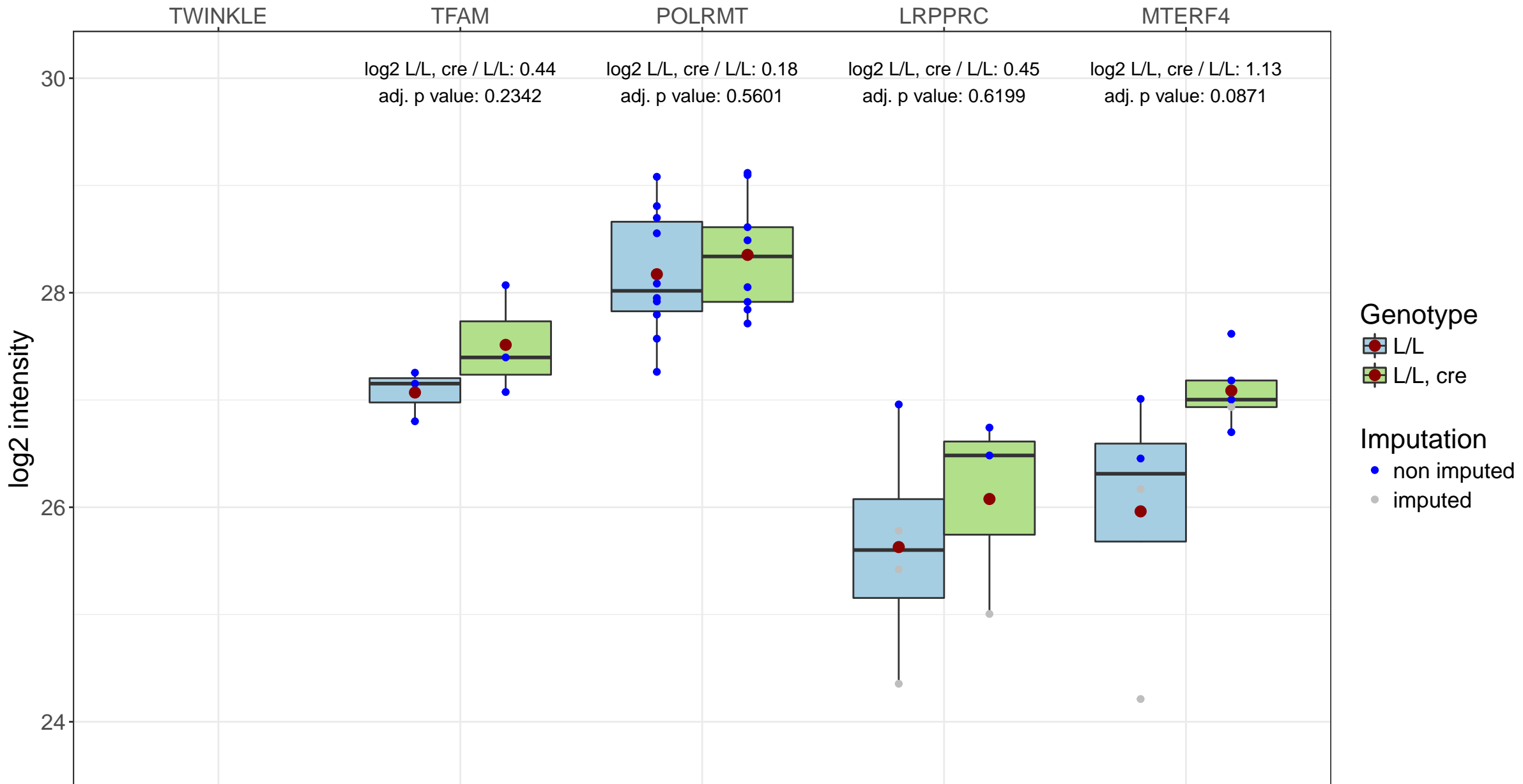




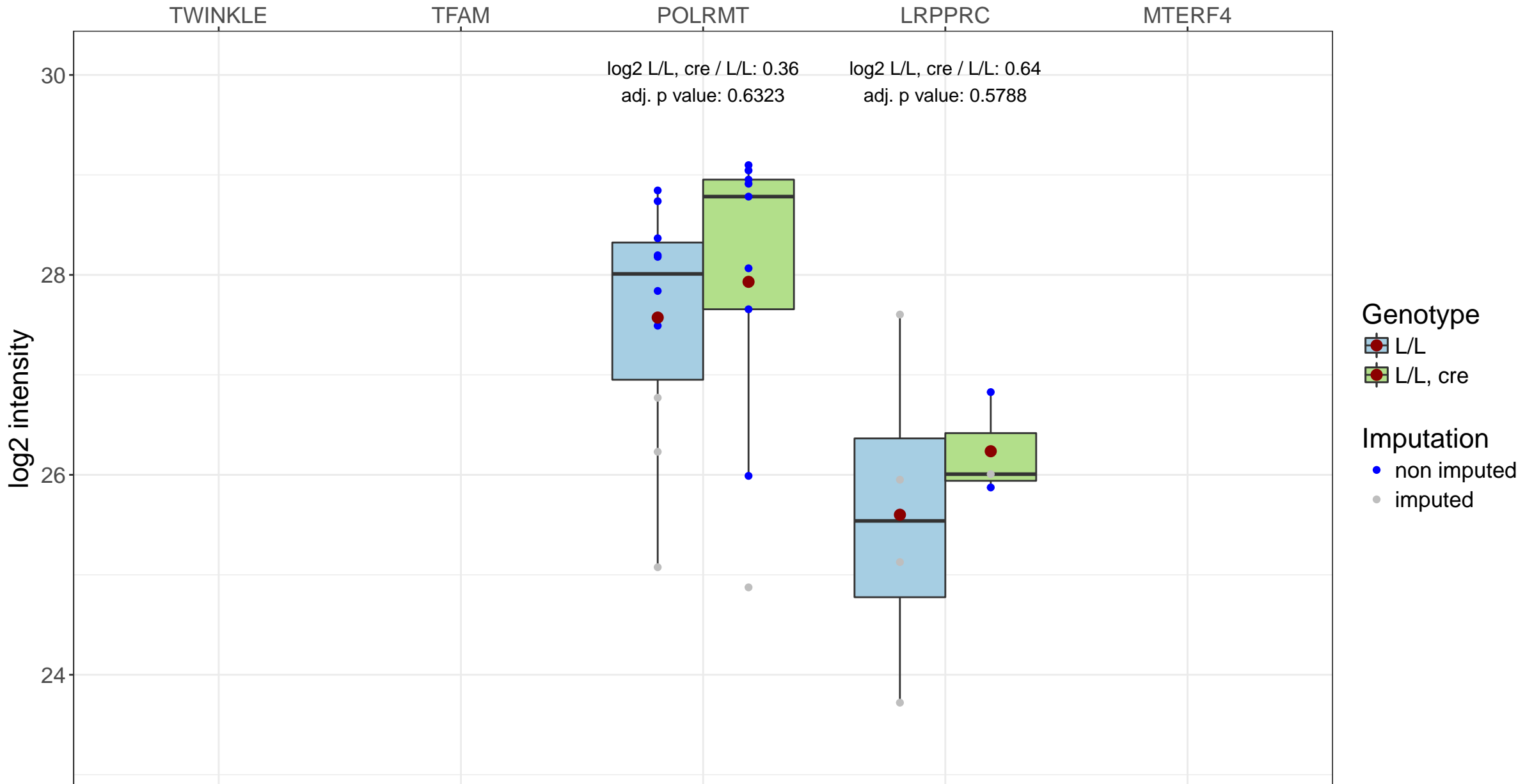
# RPLP0 / P14869



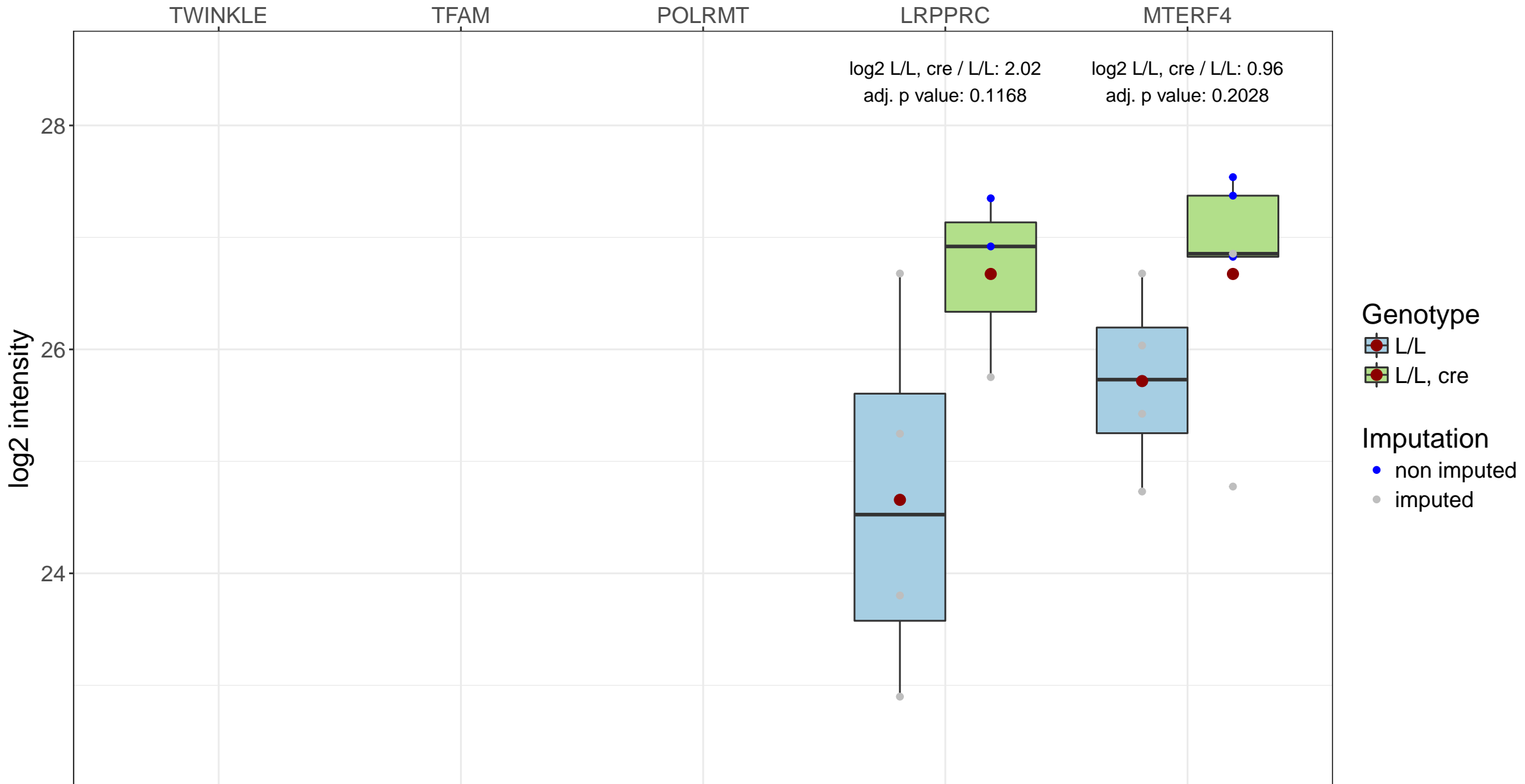
# RPLP2 / P99027



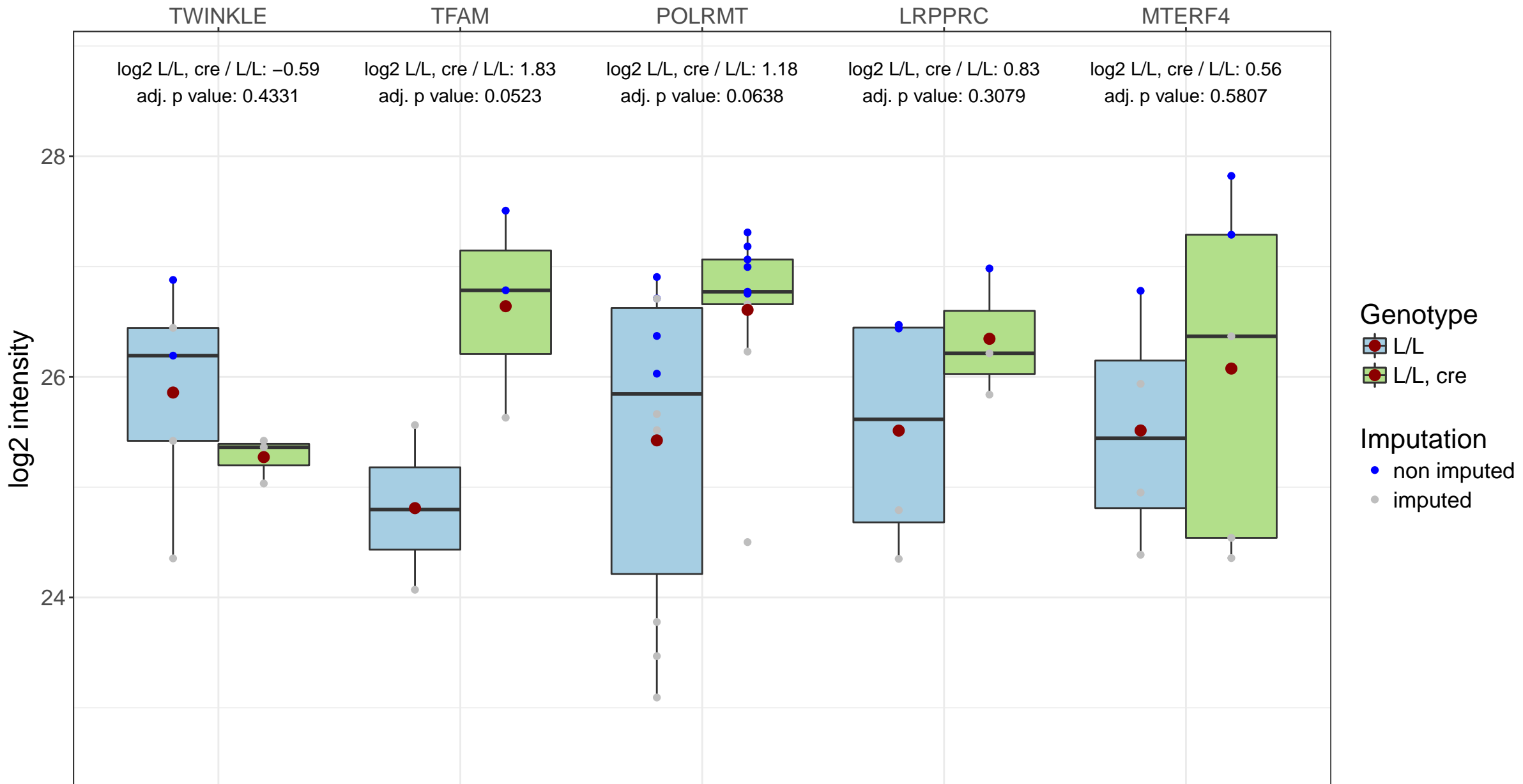
# RPN1 / Q91YQ5



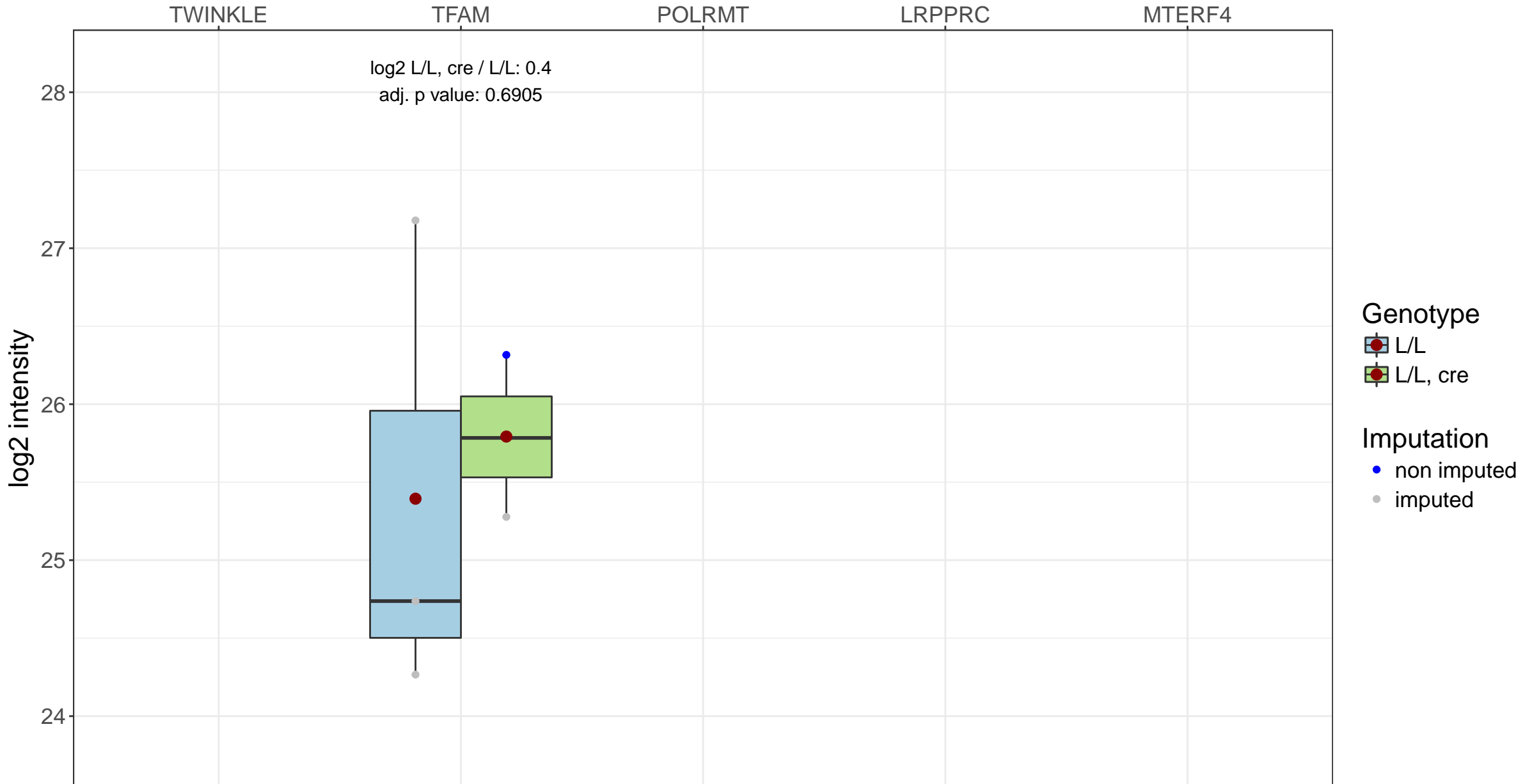
# RPP14 / J3QMX0



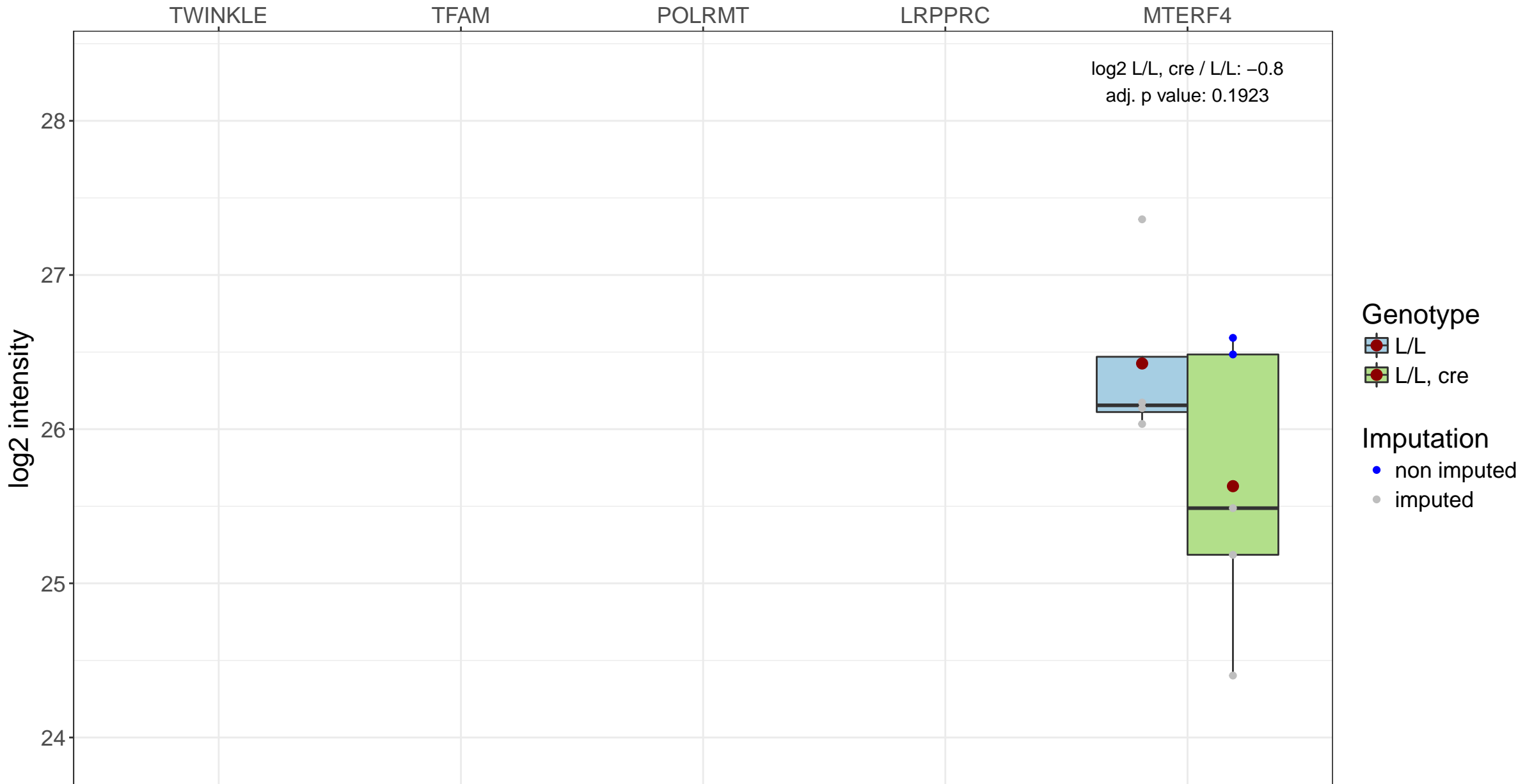
# RPS27A / P62983



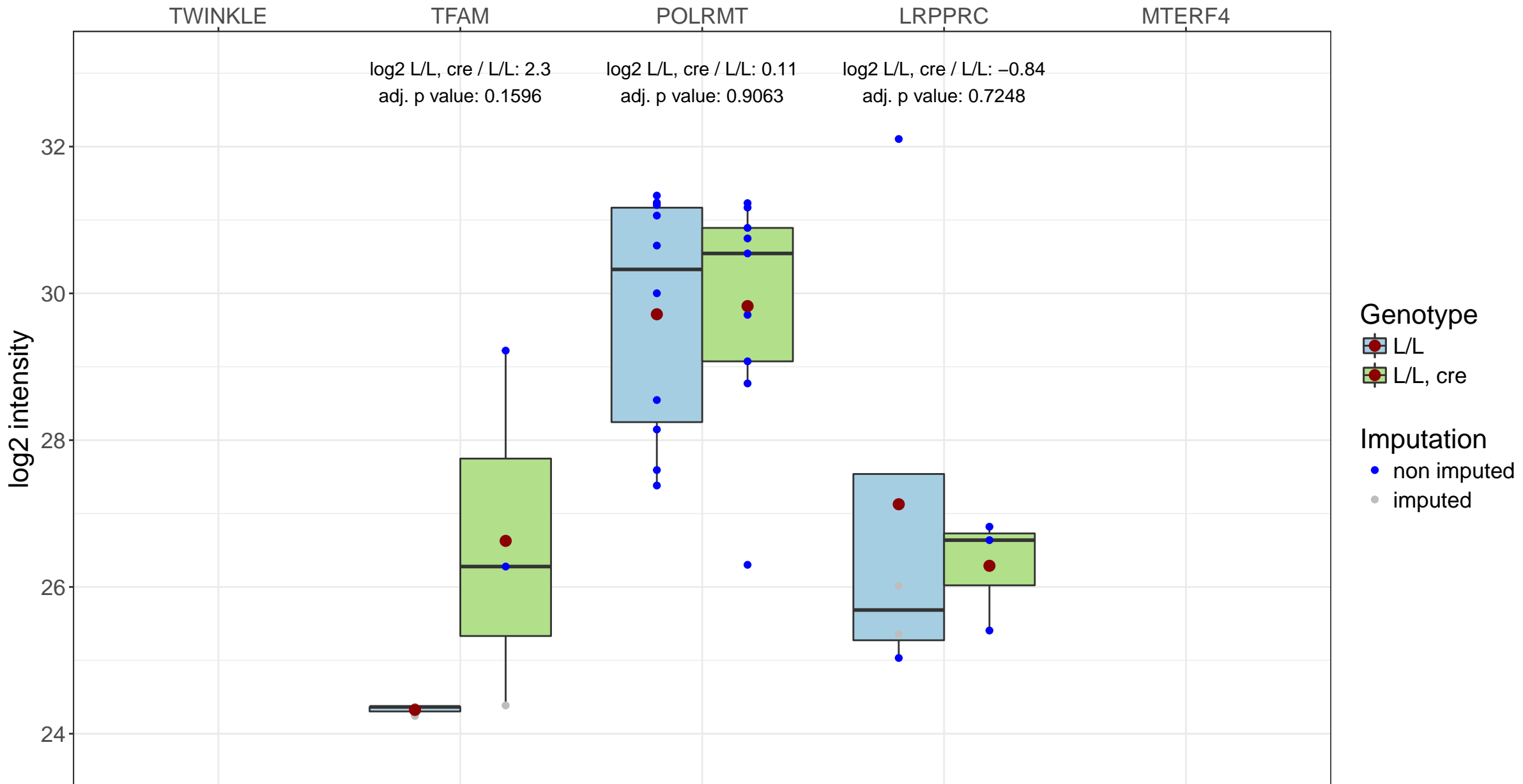
# RPS3A / D3Z6C3



# RPUSD3 / Q14AI6

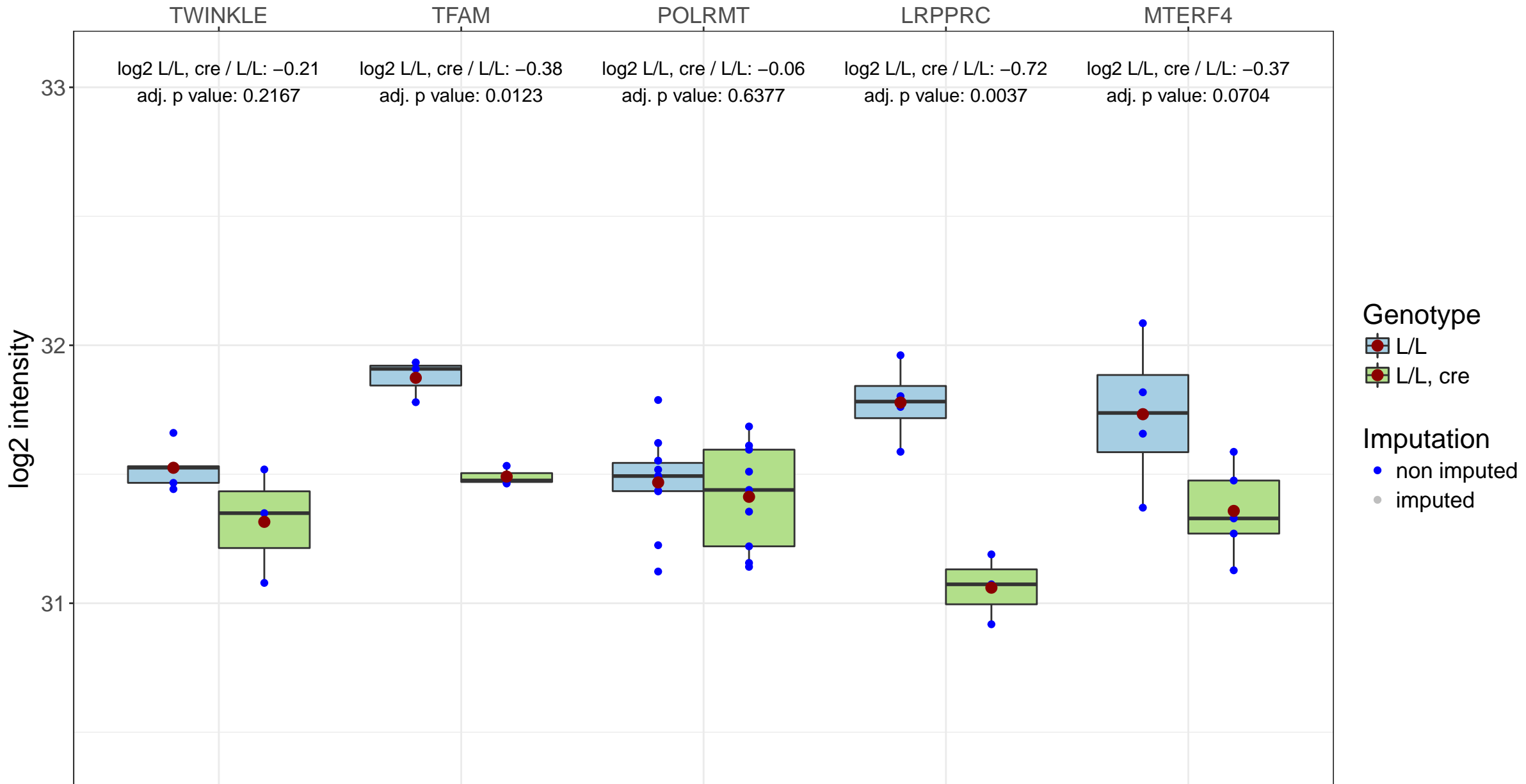


# RRBP1 / A2AVJ7

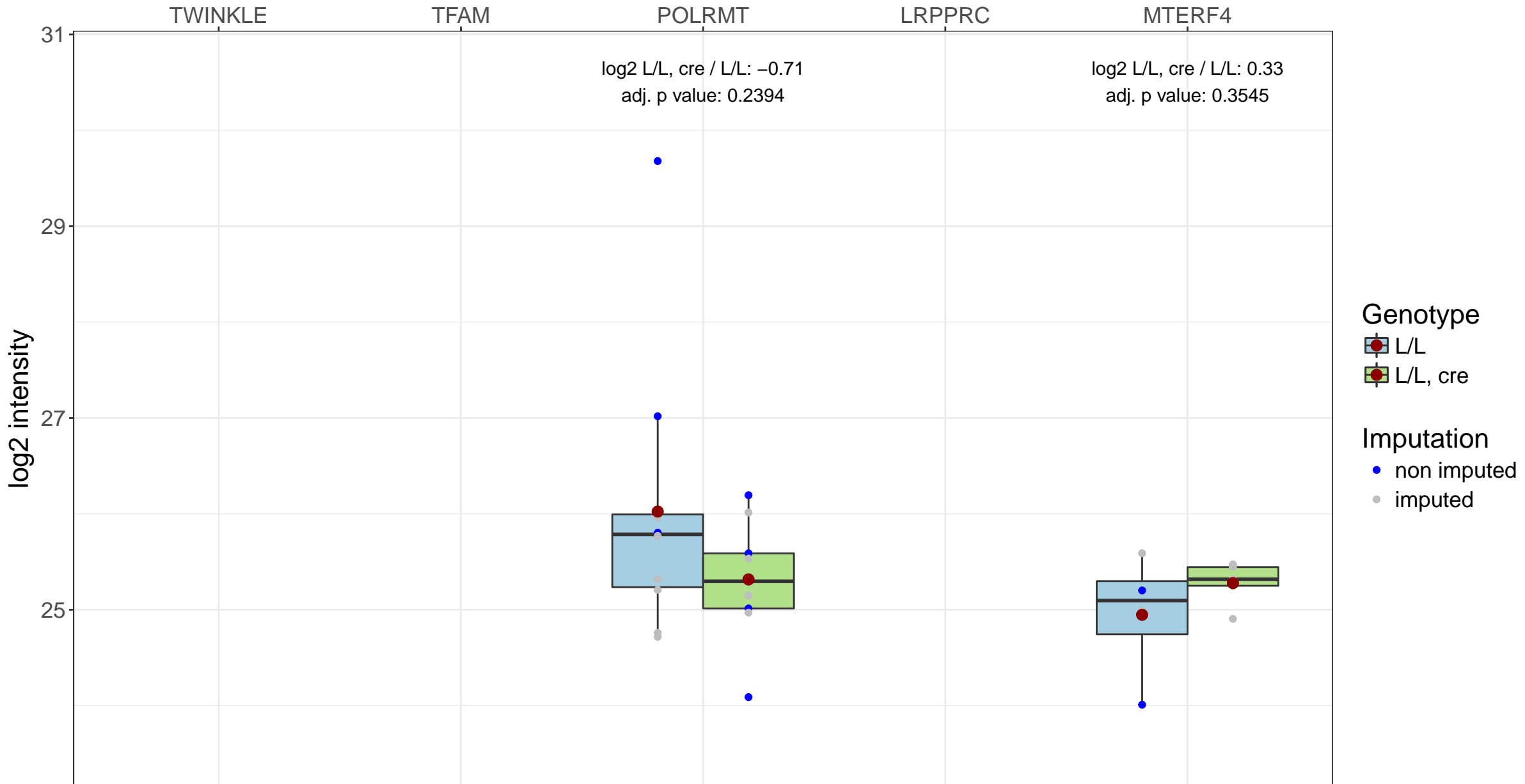




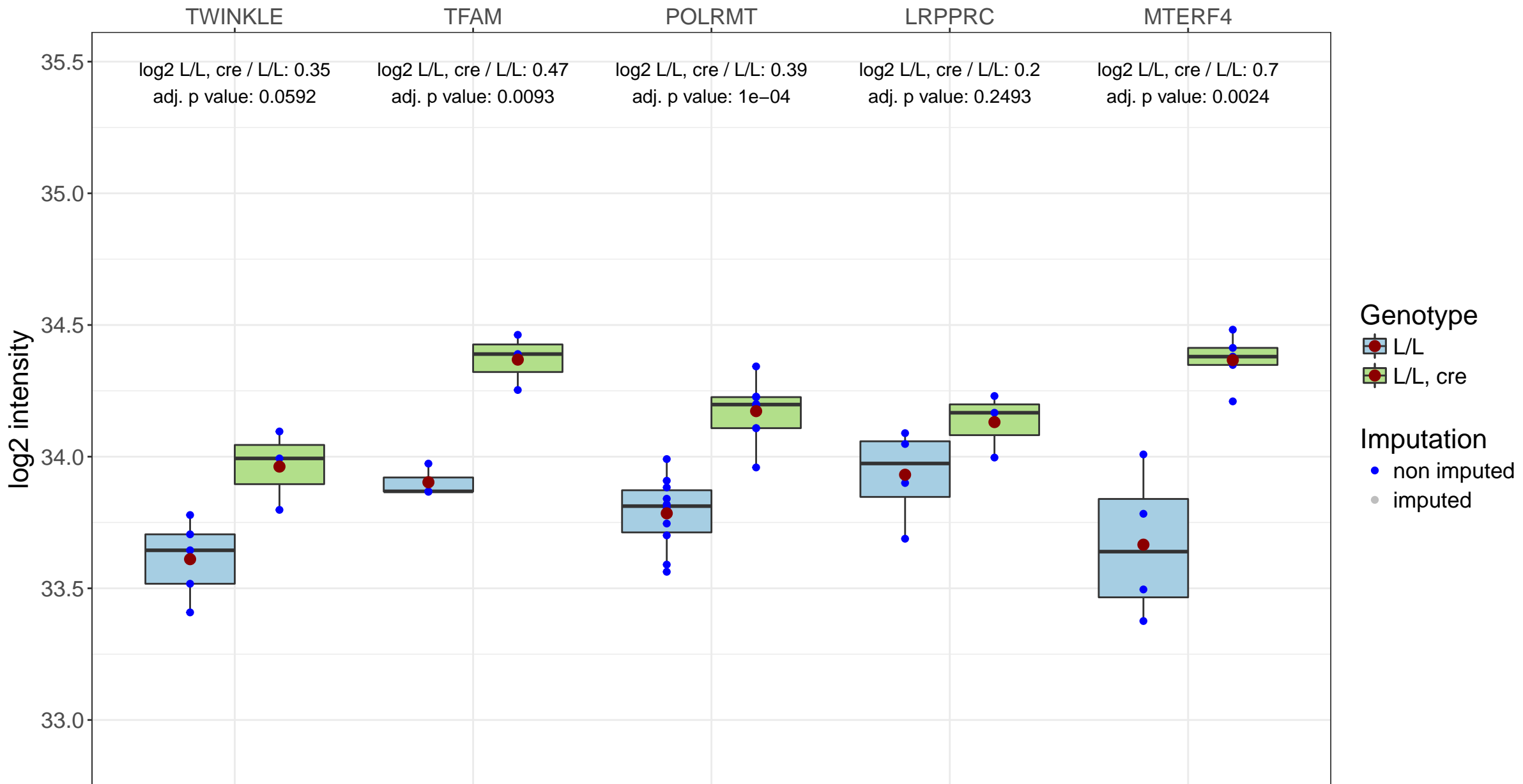
# RTN4IP1 / Q924D0



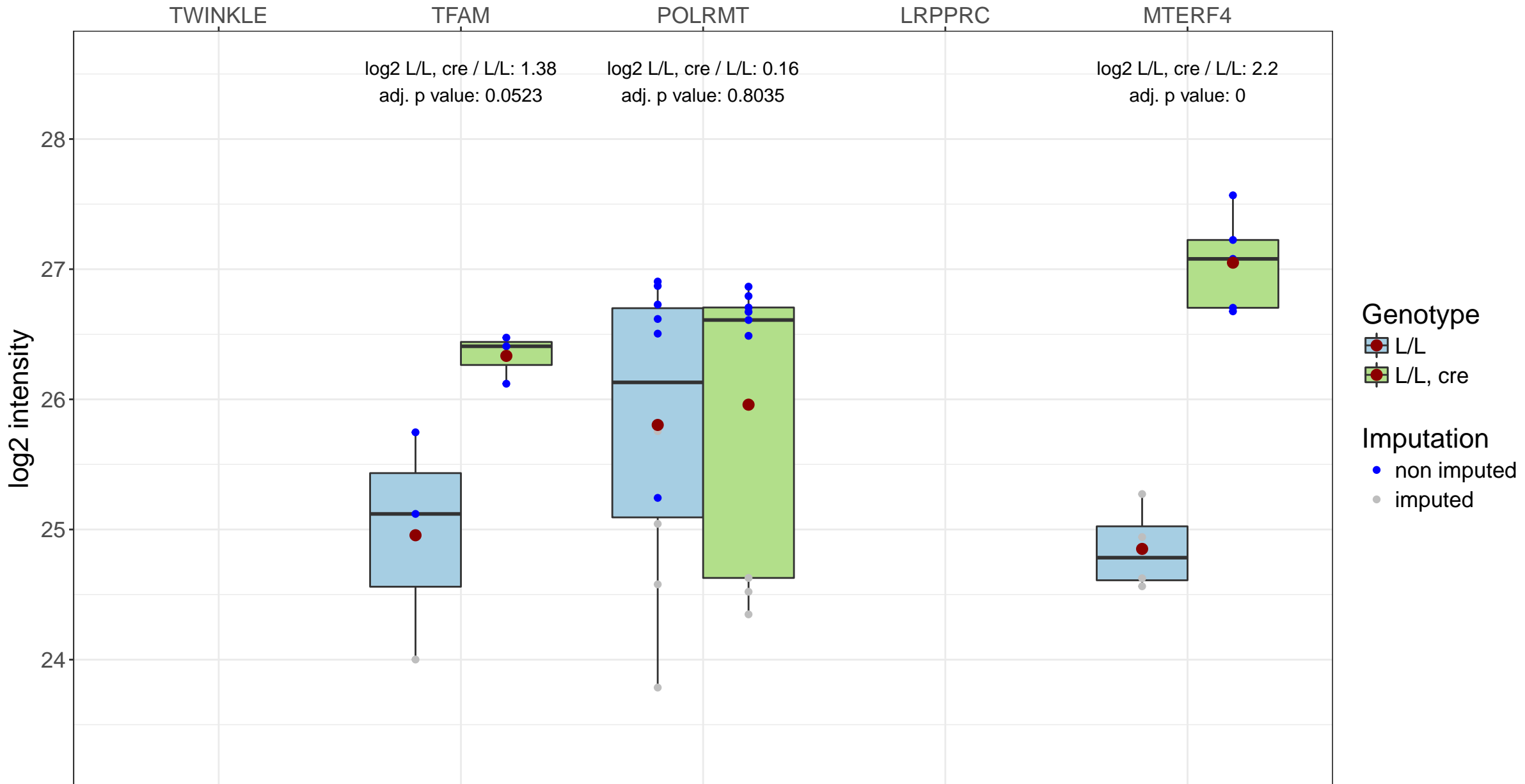
# RYR2 / E9Q401



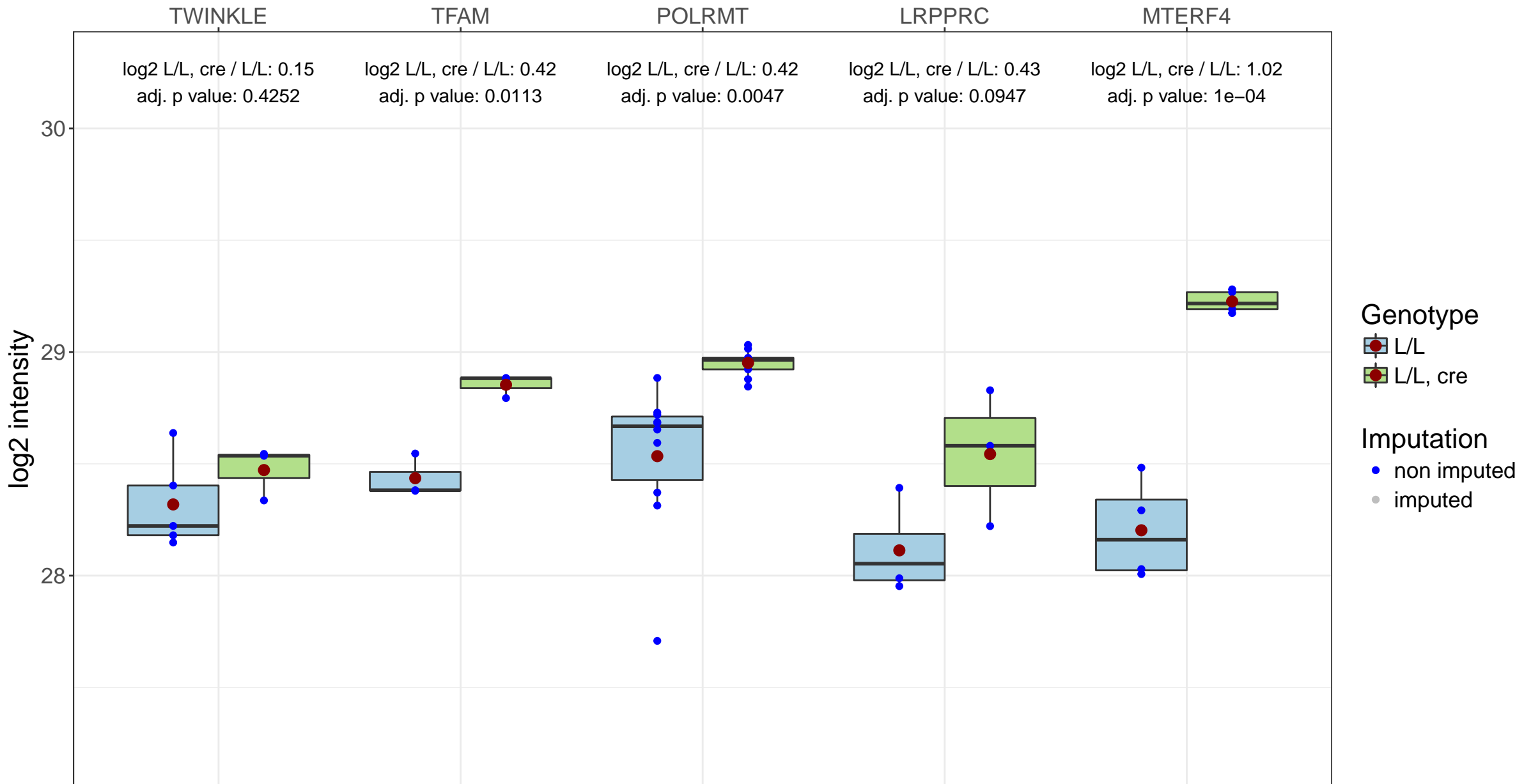
# SAMM50 / Q8BGH2



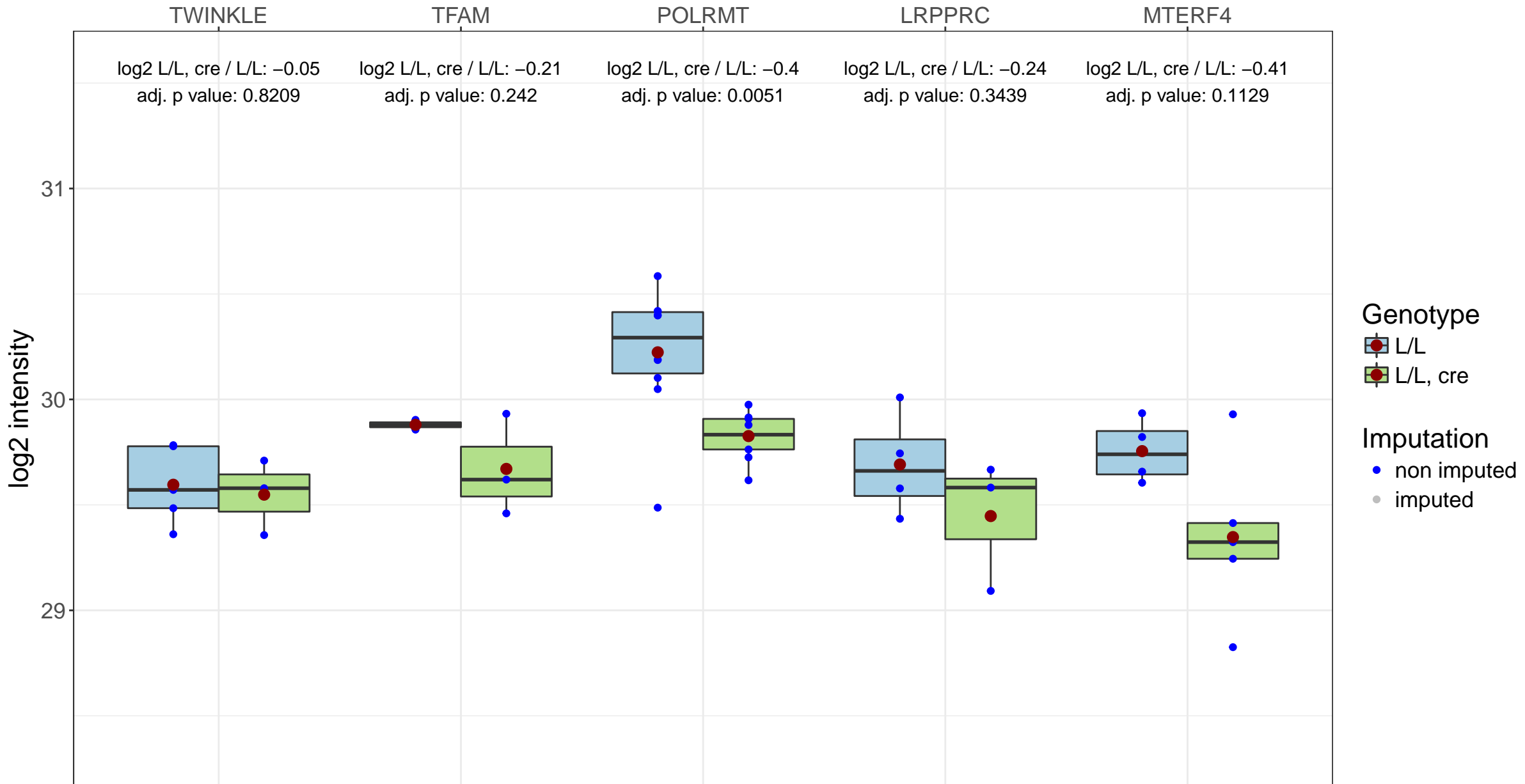
# SARDH / Q99LB7



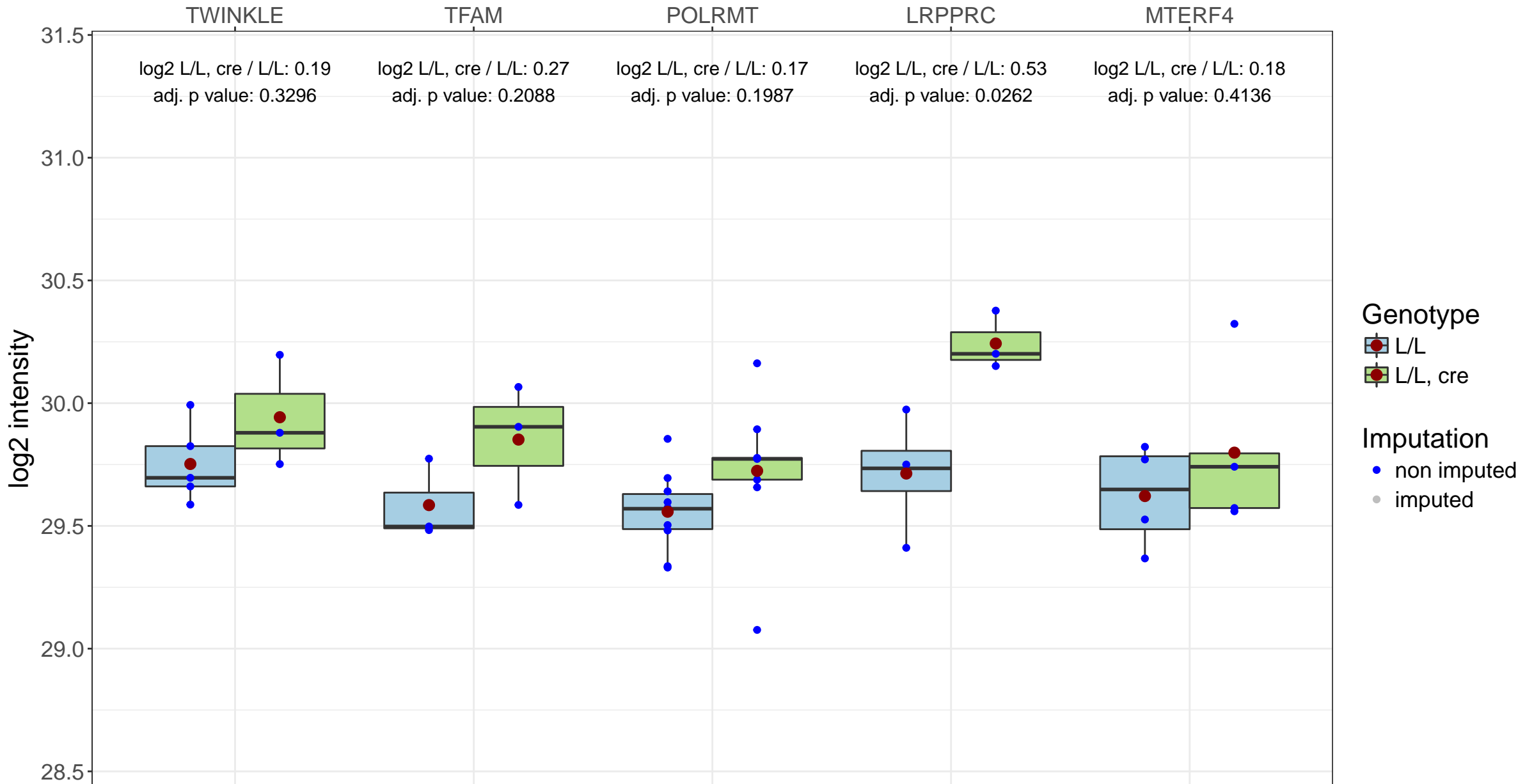
# SARS2 / Q9JL8



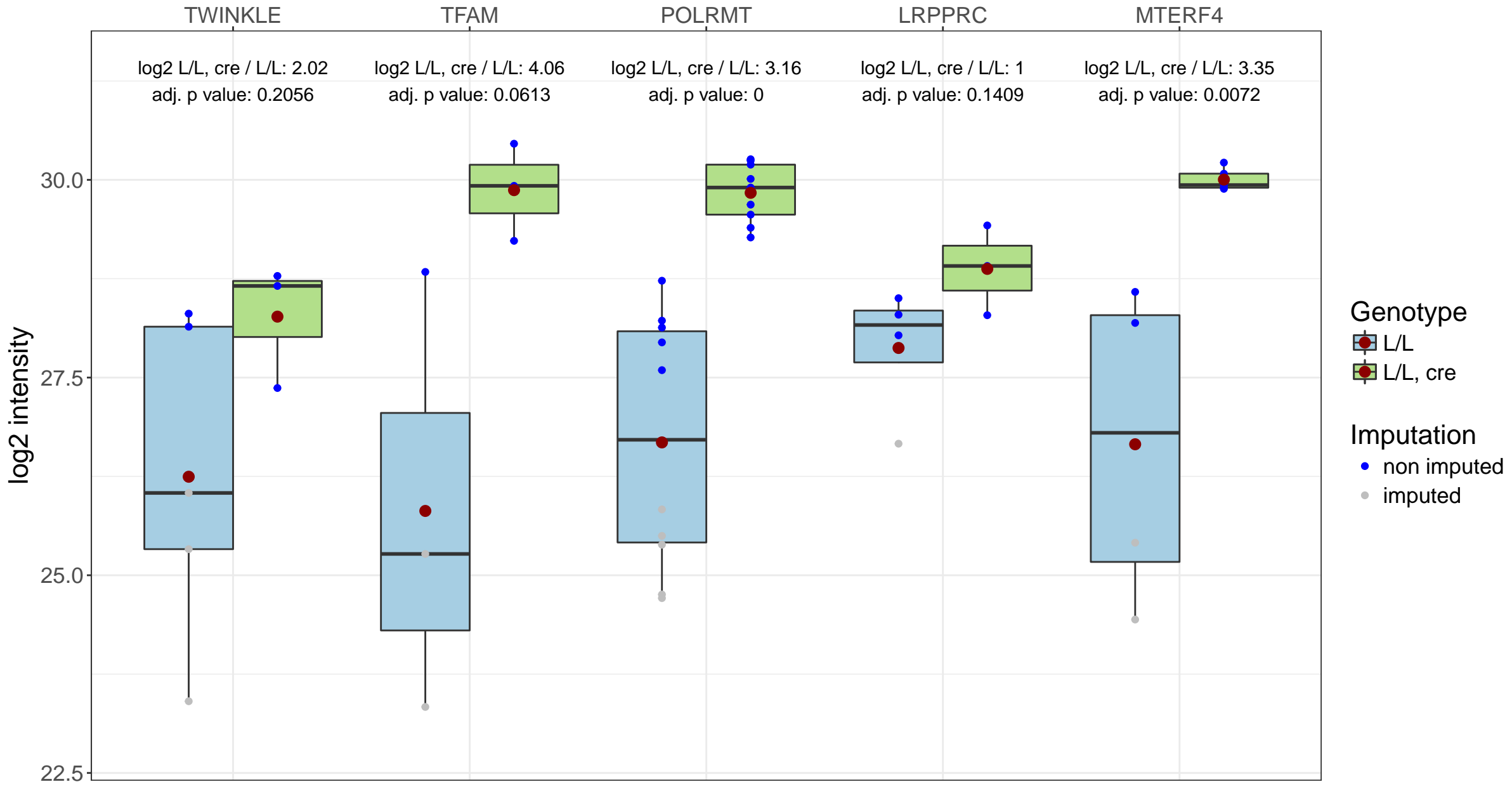
# SCCPDH / Q8R127



# SCO1 / Q5SUD5

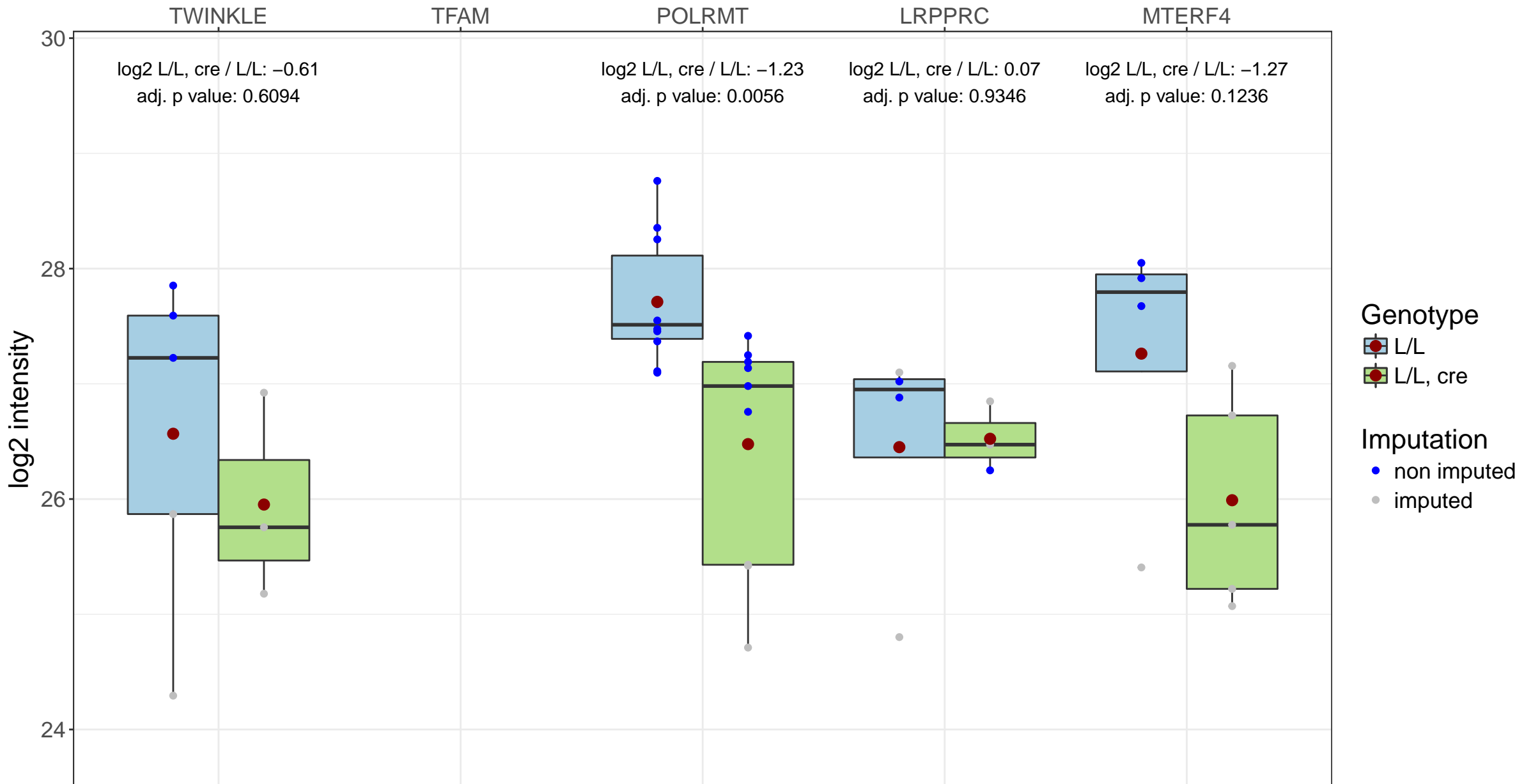


# SCO2 / Q8VCL2

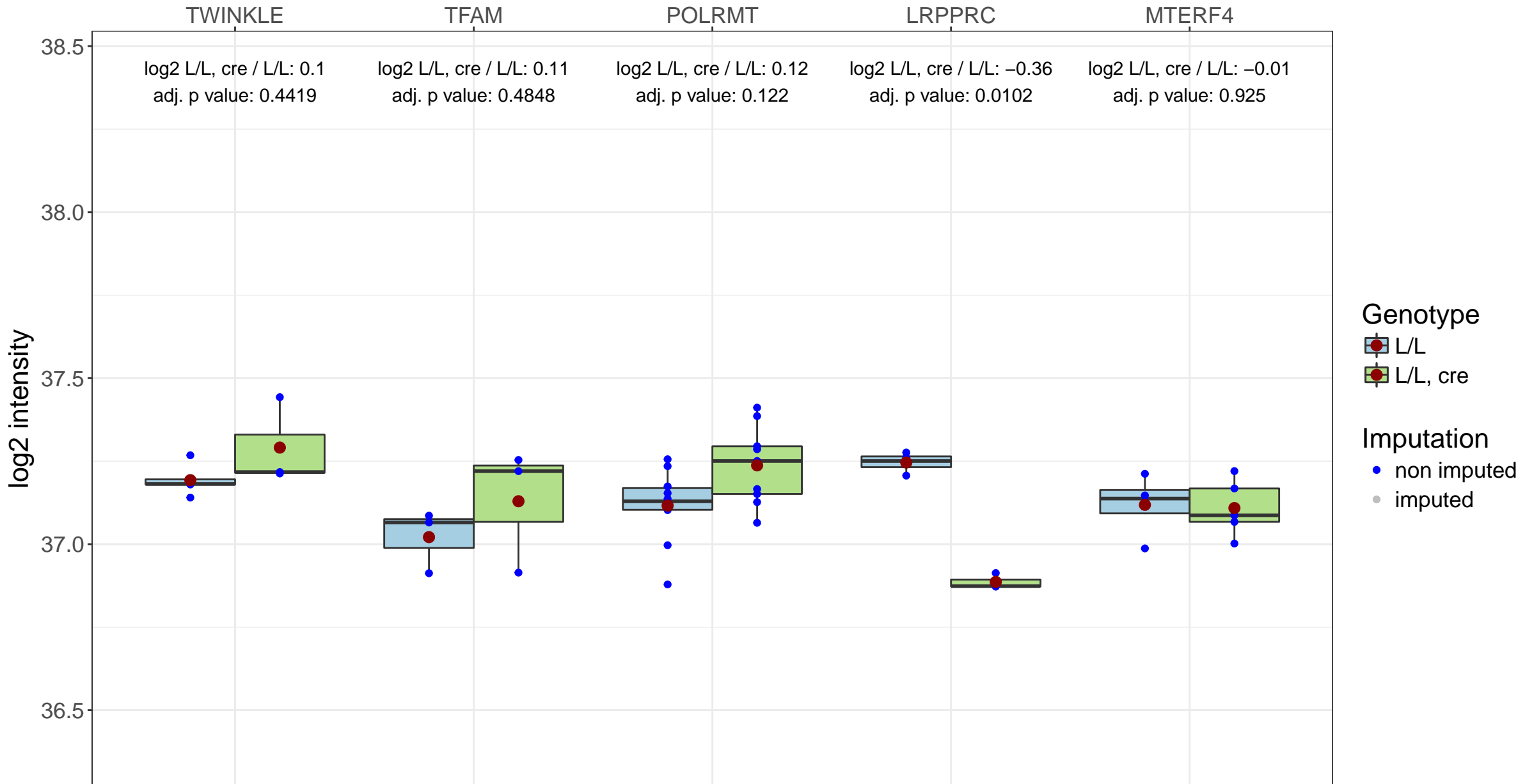




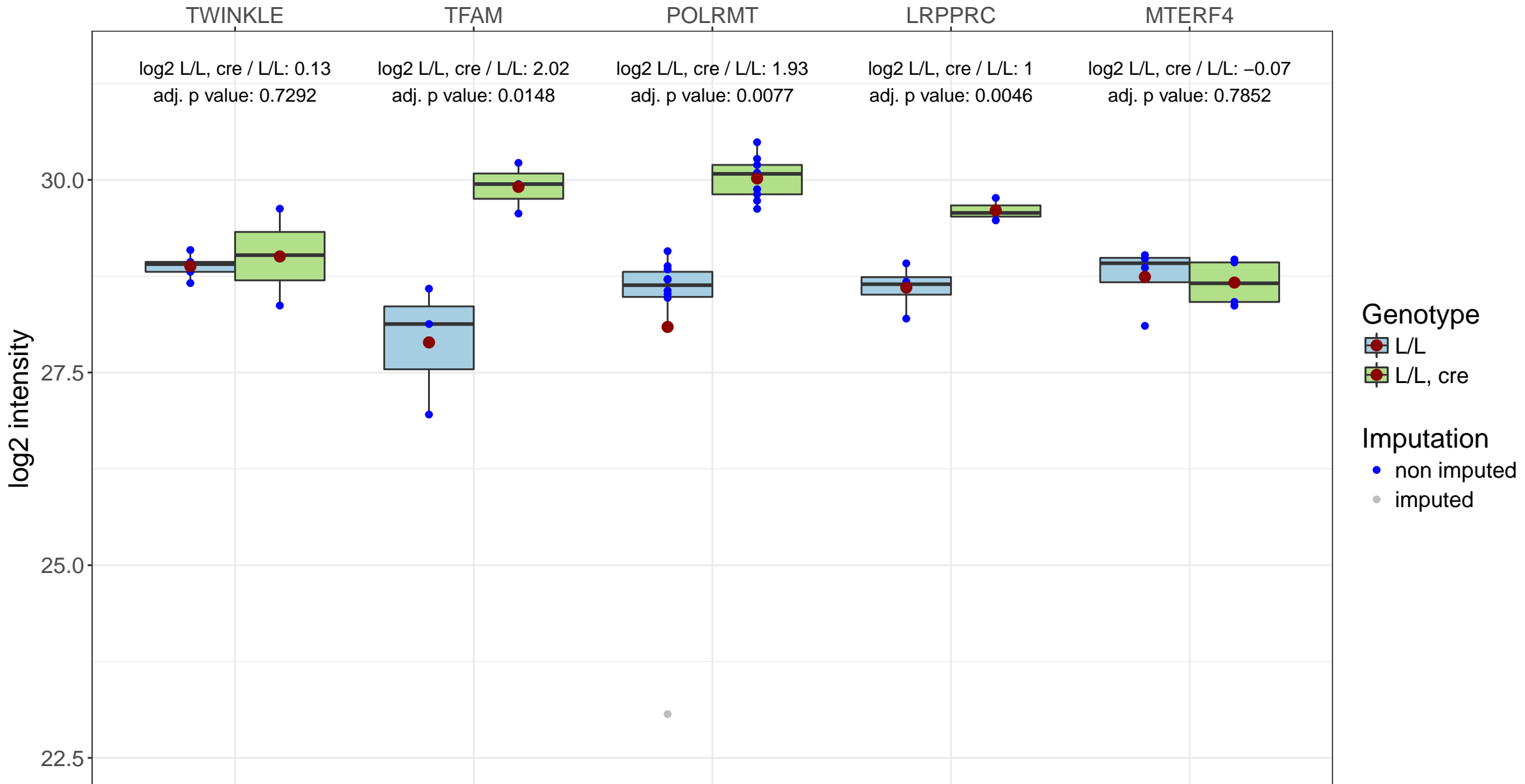
# SCP2 / P32020



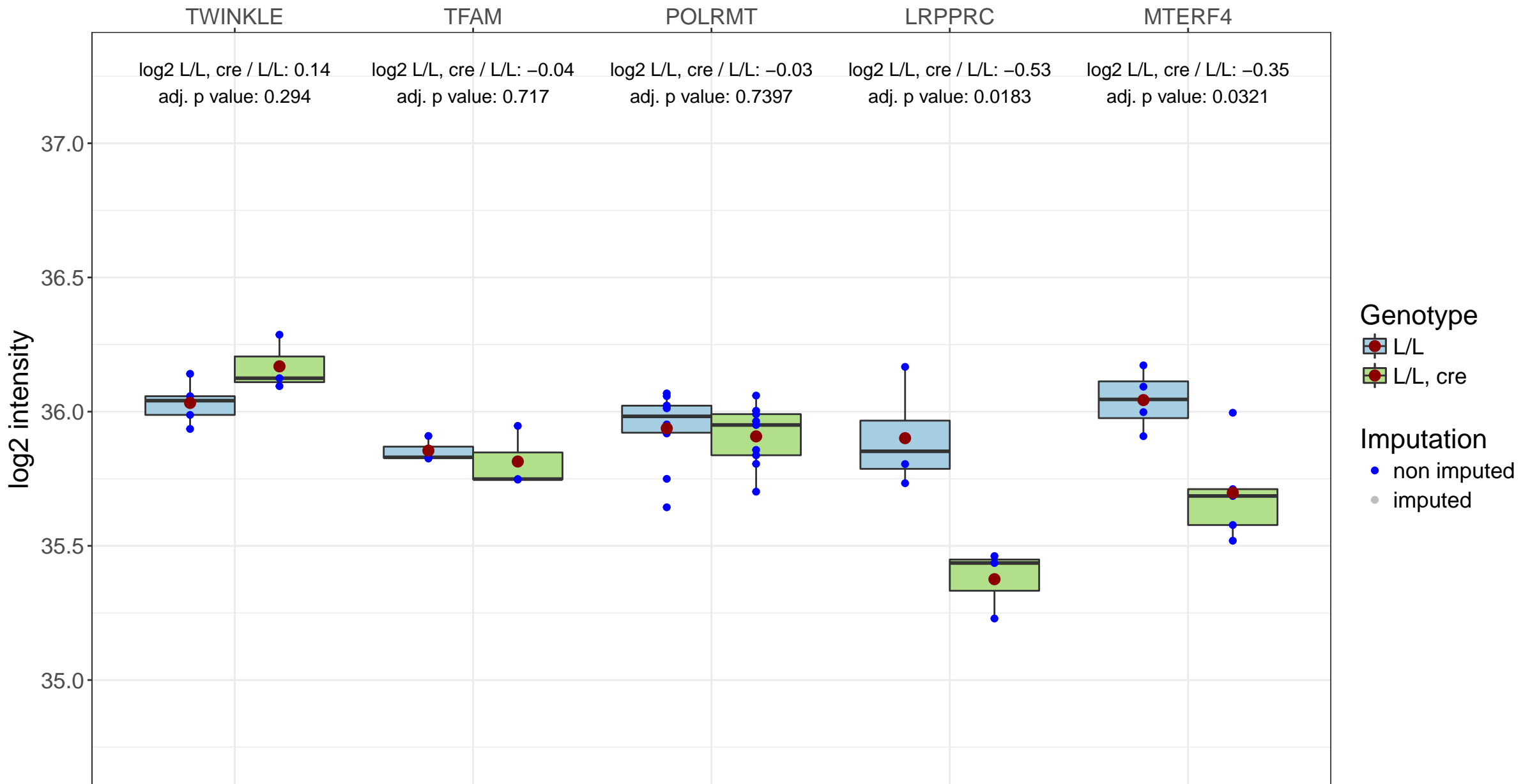
# SDHA / Q8K2B3



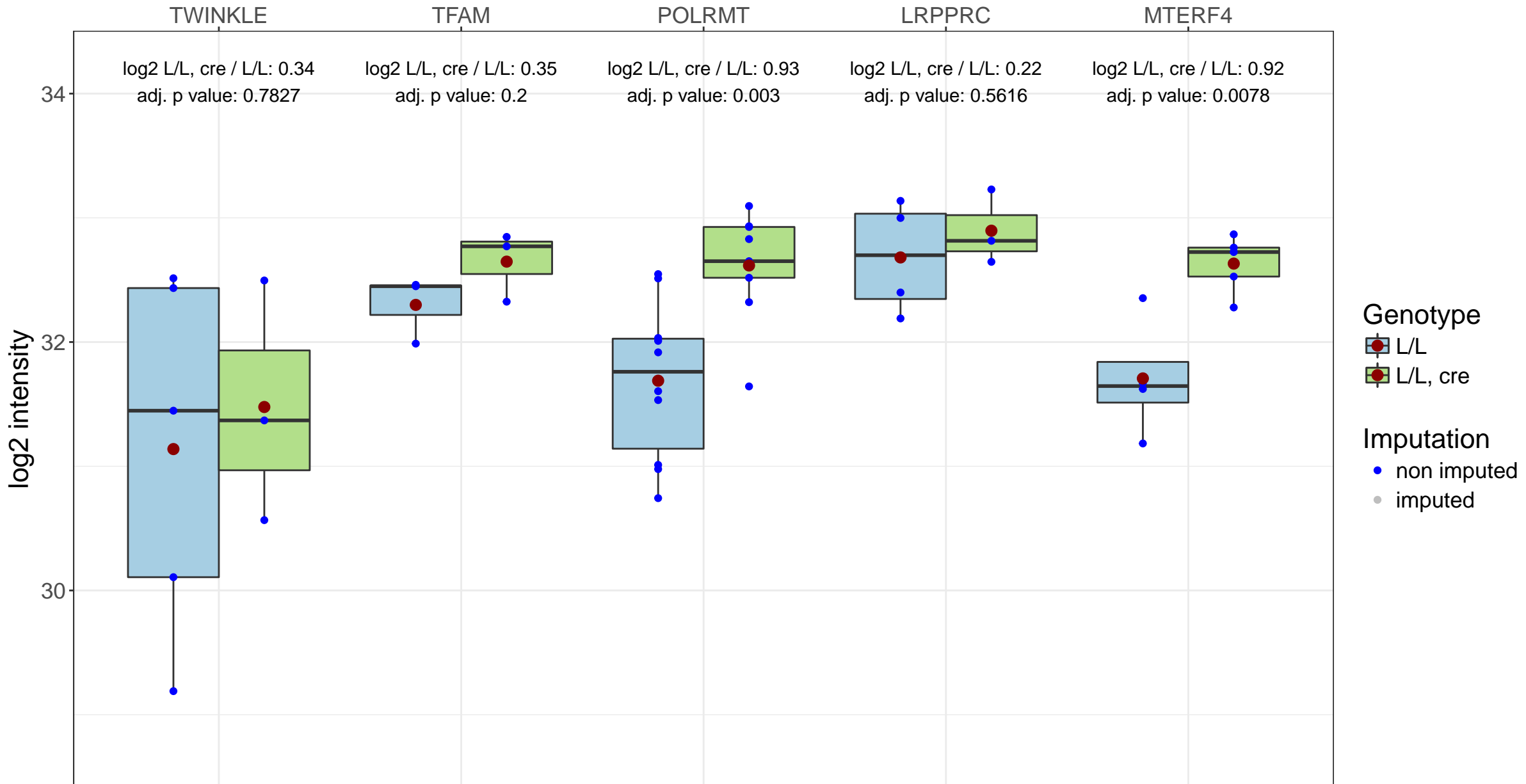
# SDHAF2 / Q8C6I2



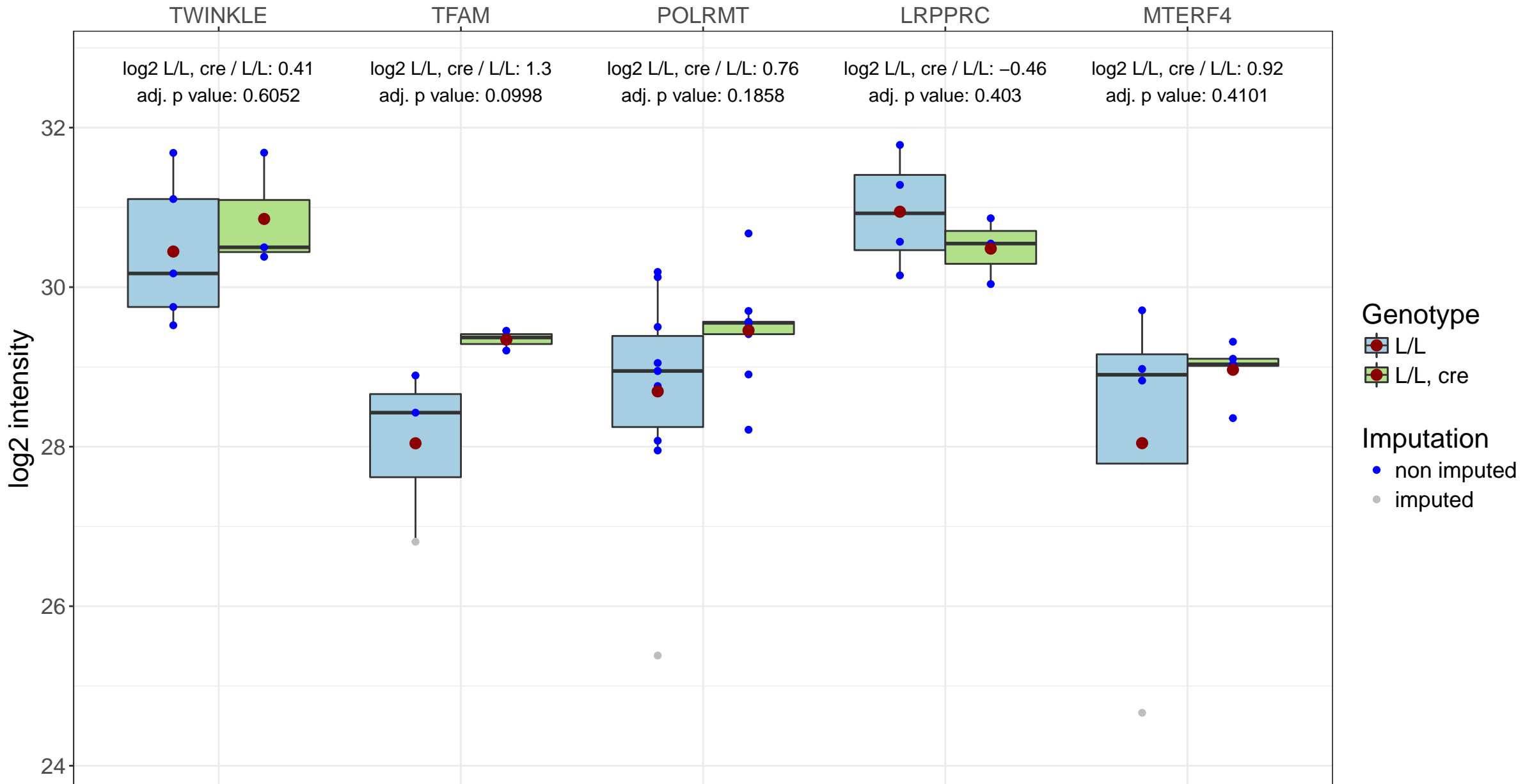
# SDHB / Q9CQA3



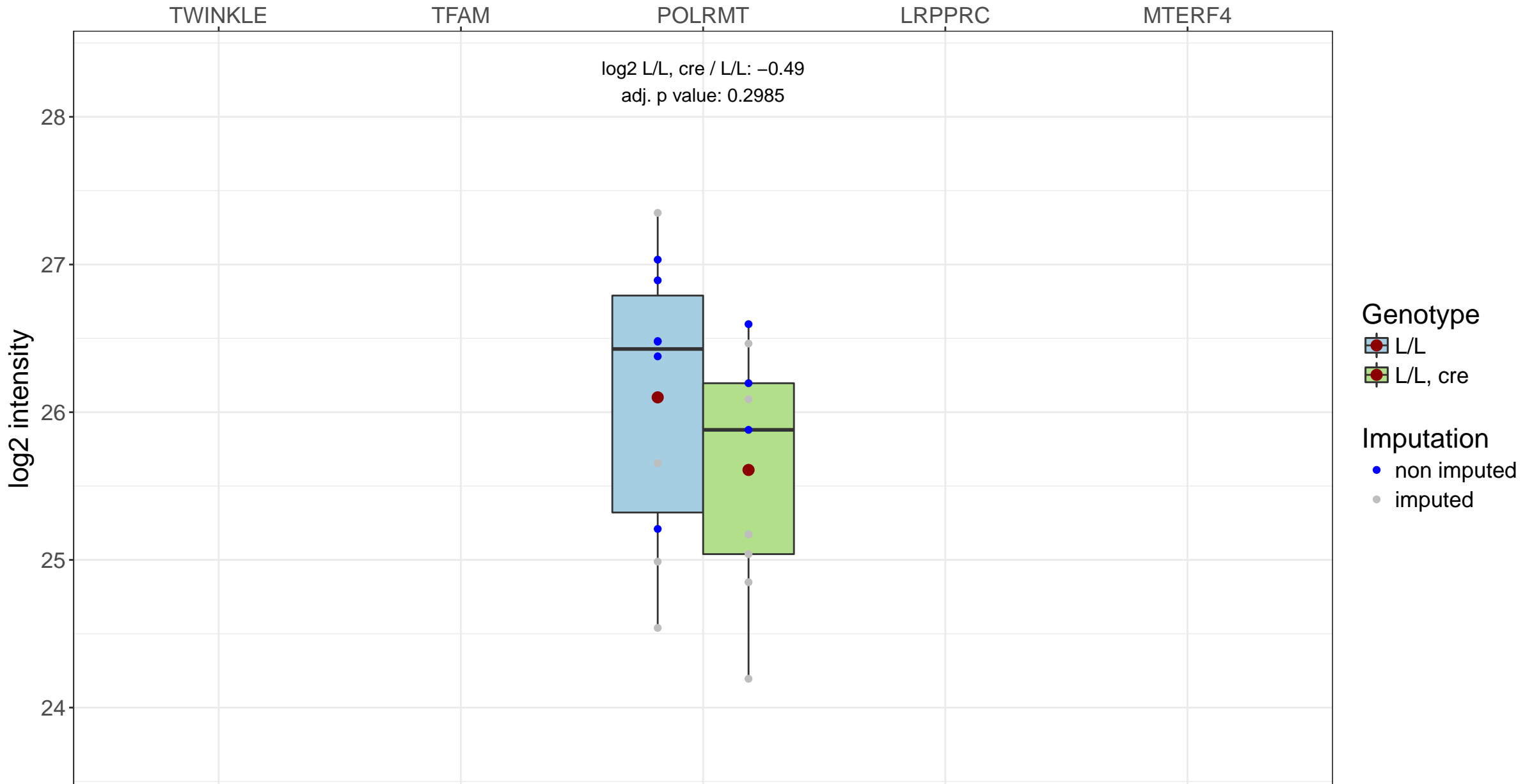
# SDHC / Q9CZB0



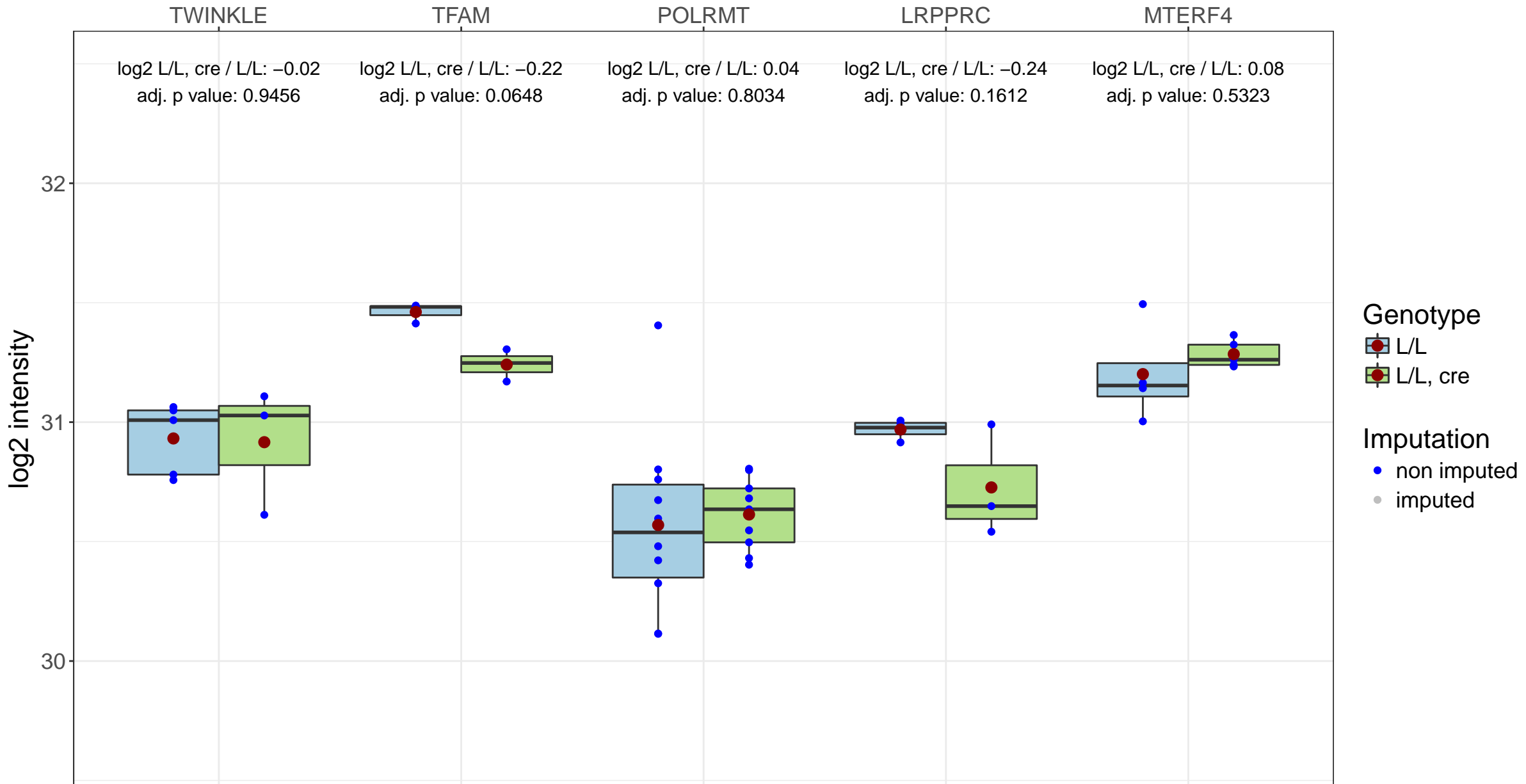
# SDHD / Q9CXV1



# SDPR / Q63918

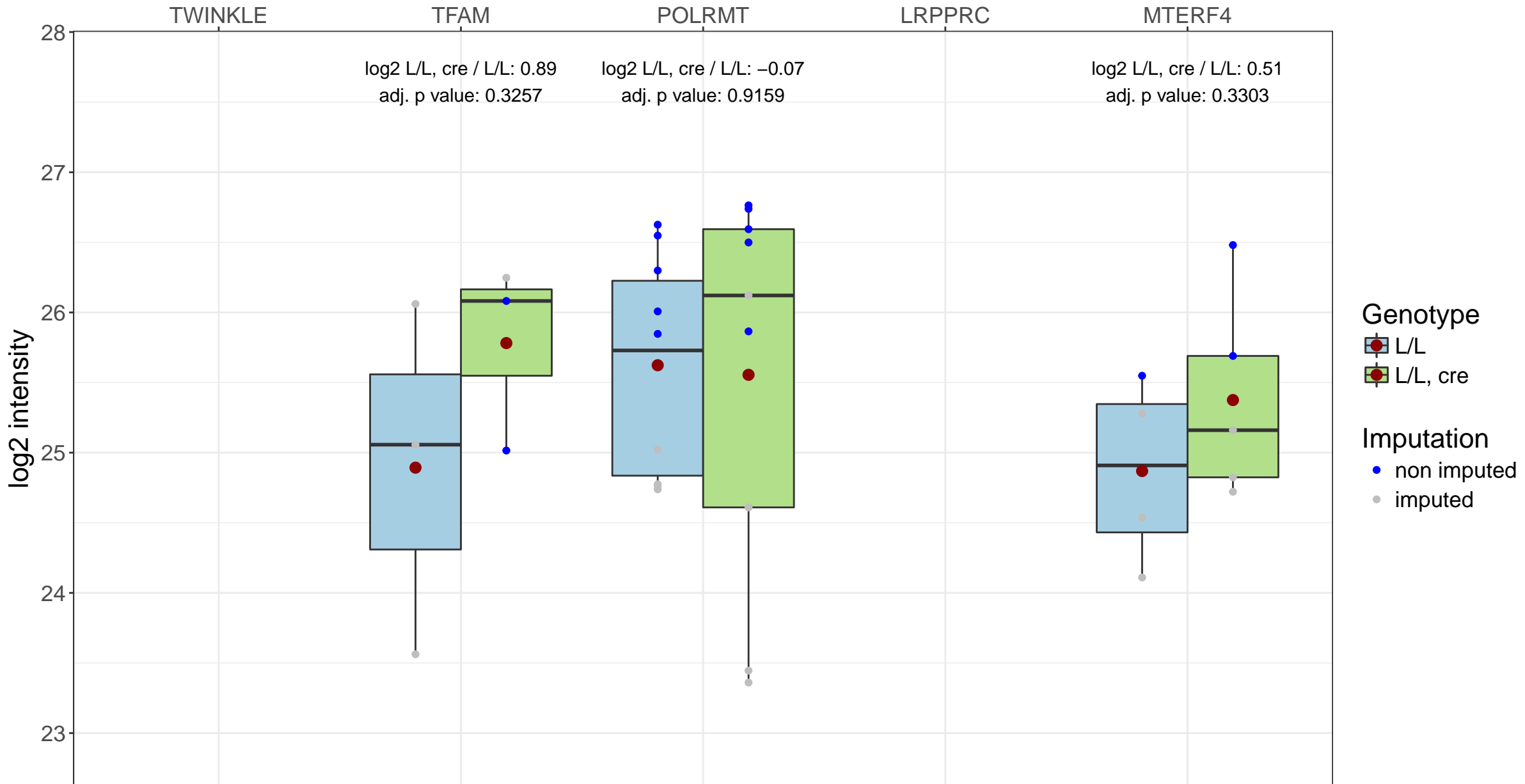


# SDR39U1 / Q5M8N4-2

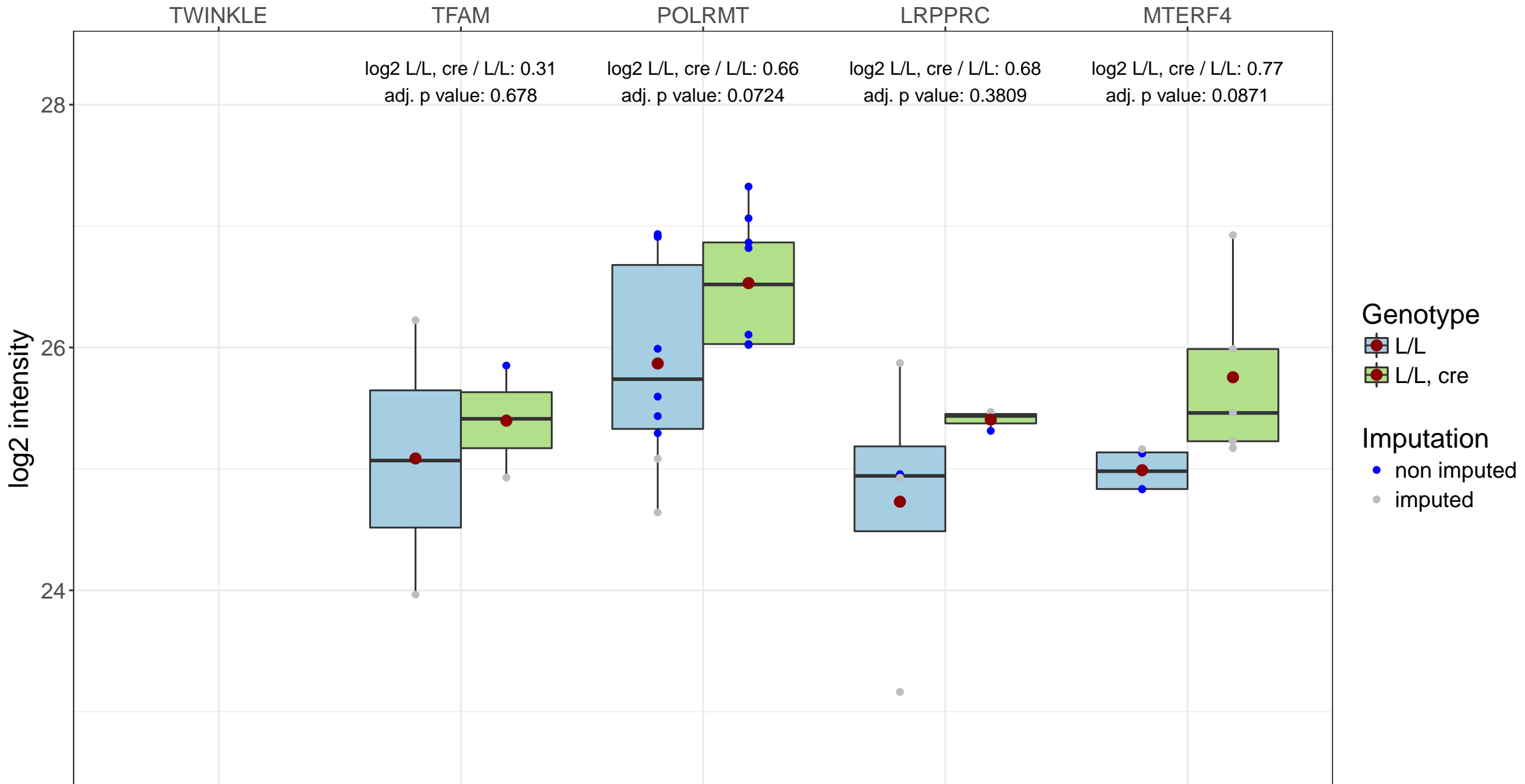




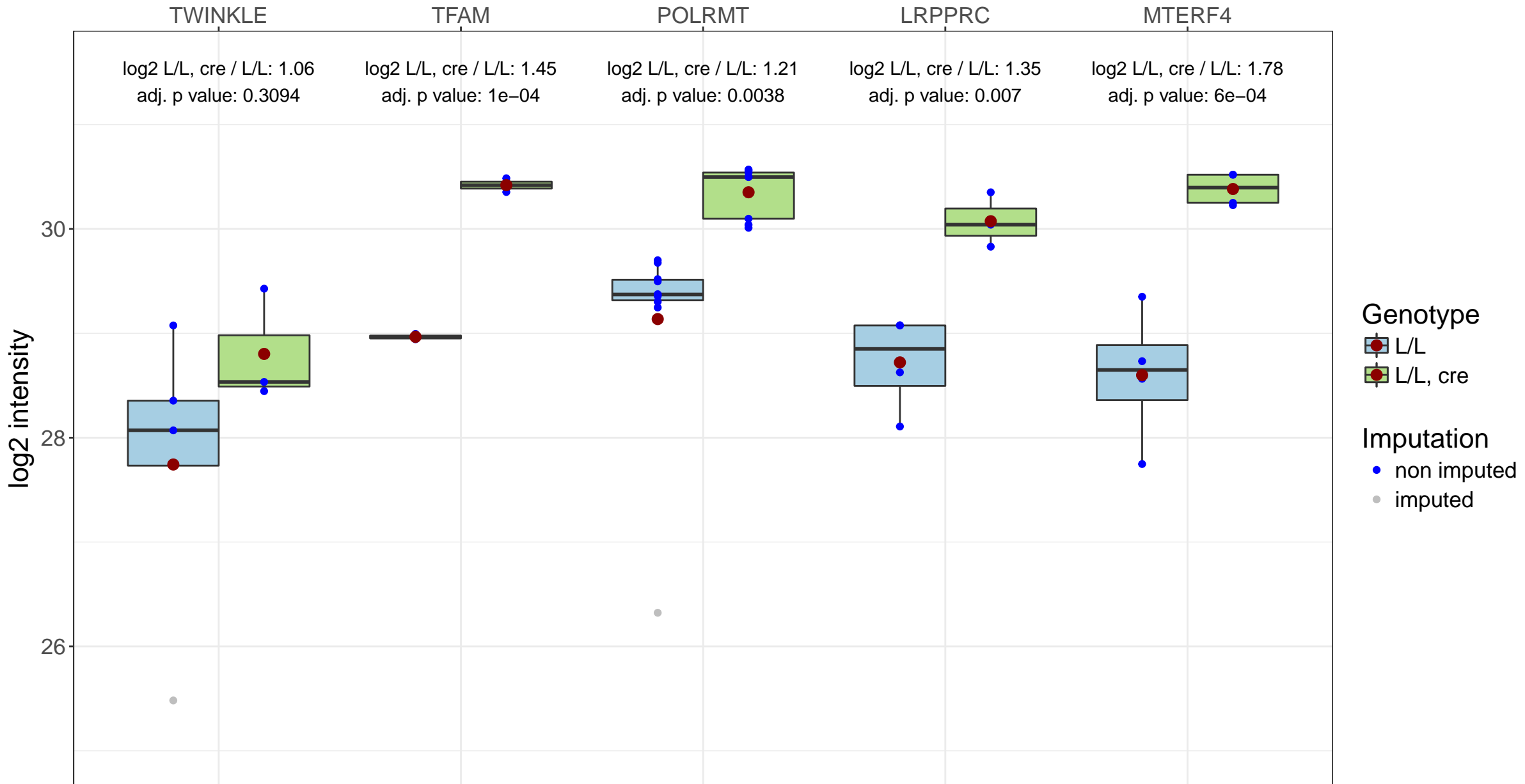
# SEPT7 / E9Q1G8



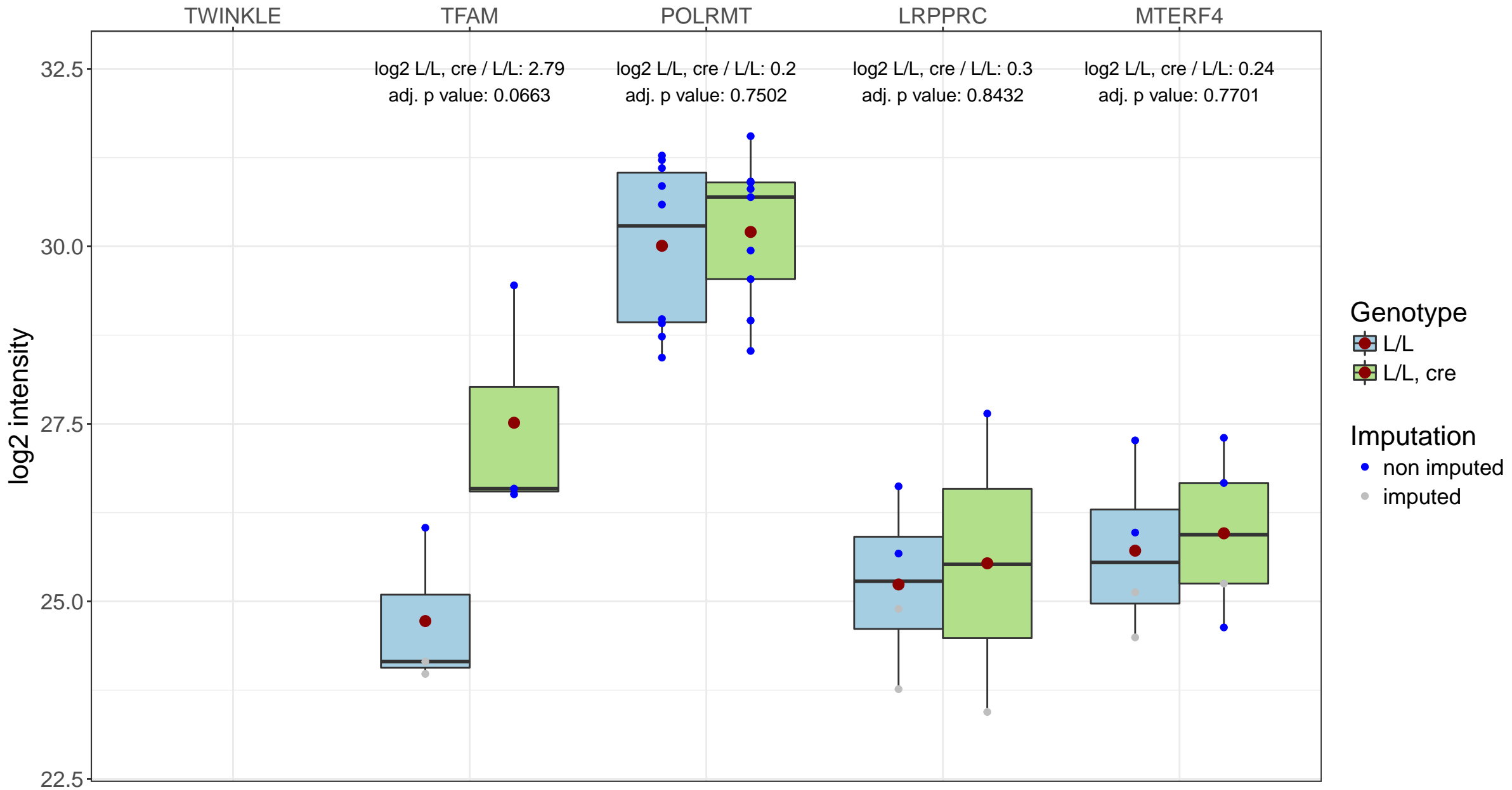
# SERBP1 / Q9CY58



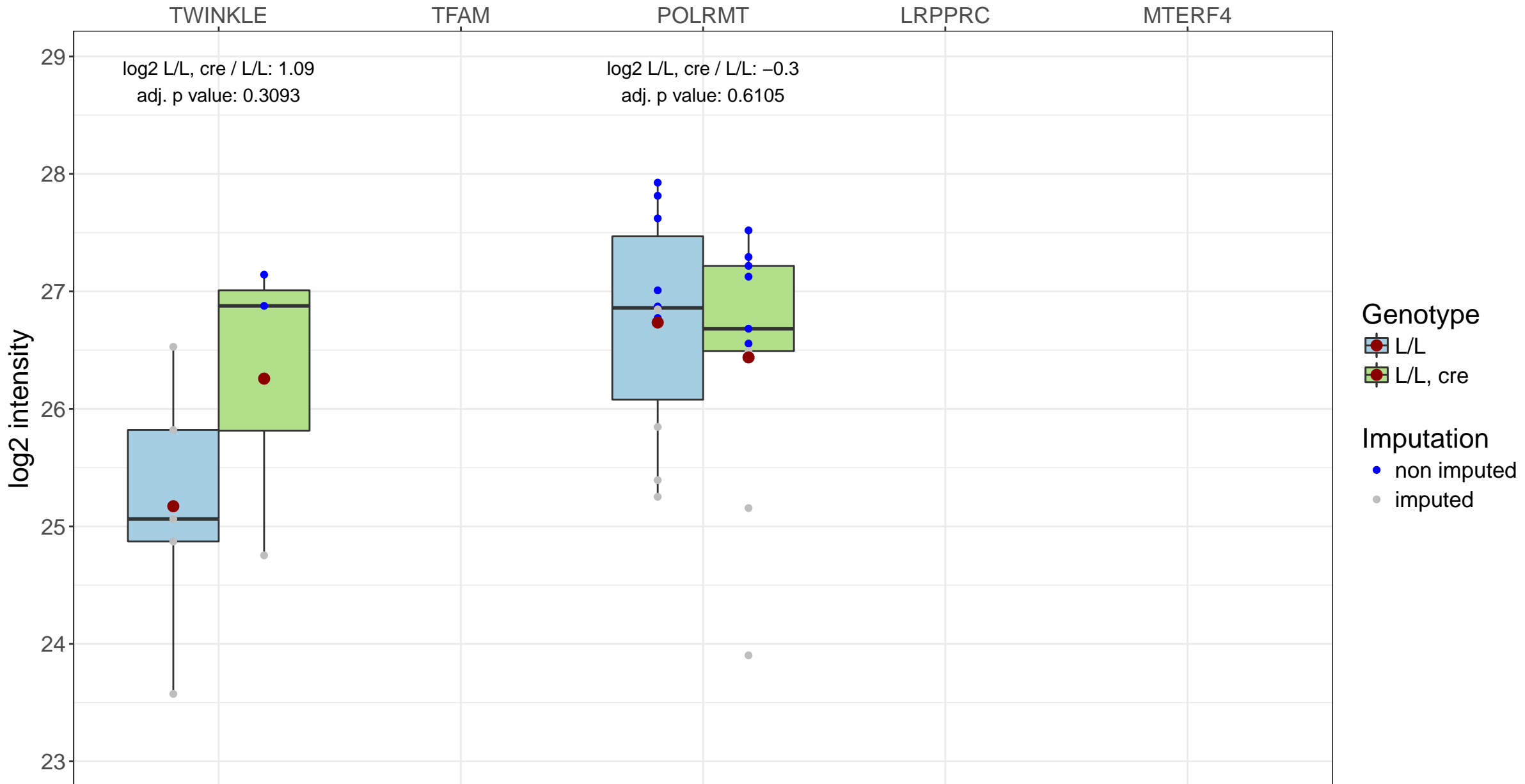
# SERHL / Q3U3G8



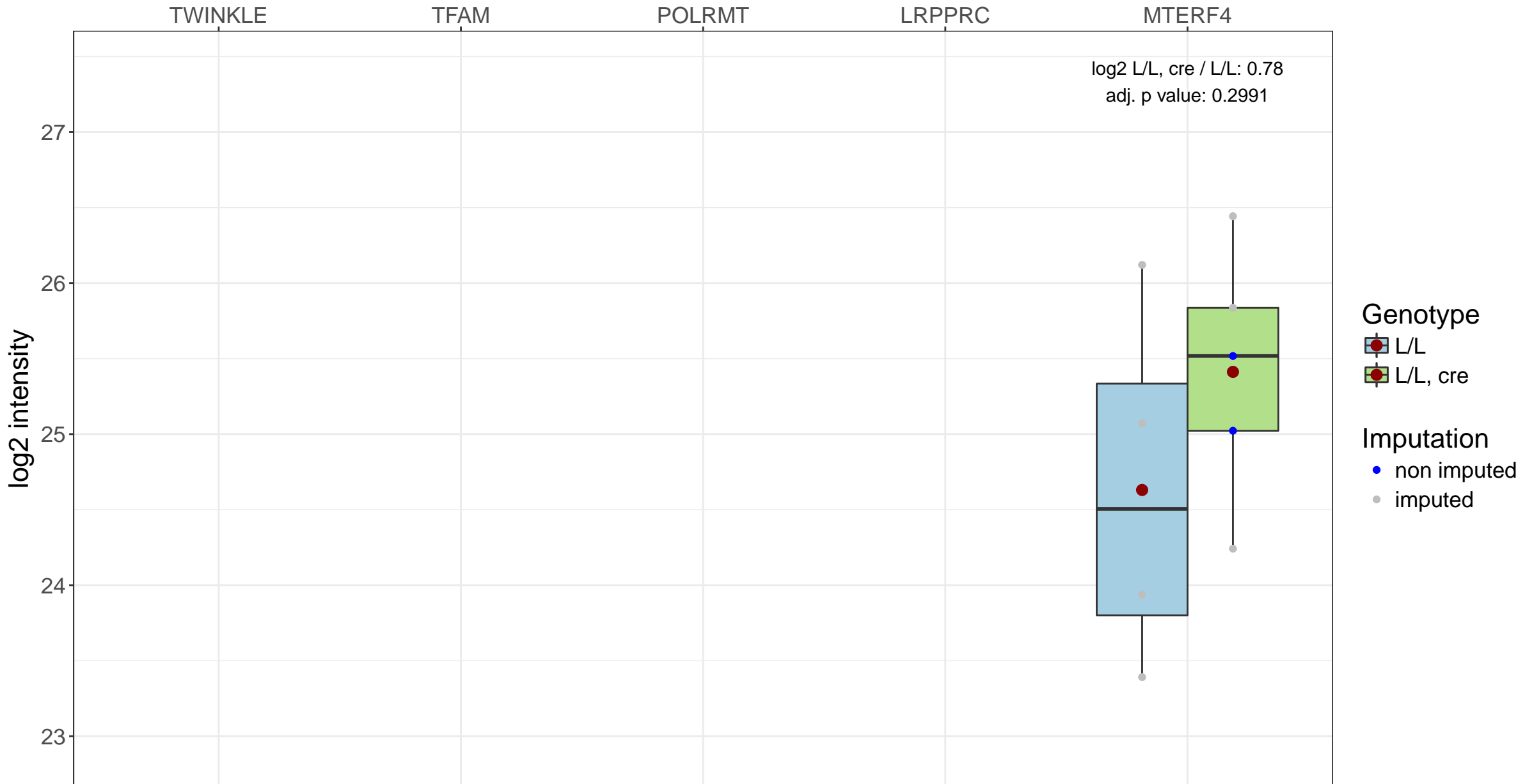
# SERPINH1 / P19324



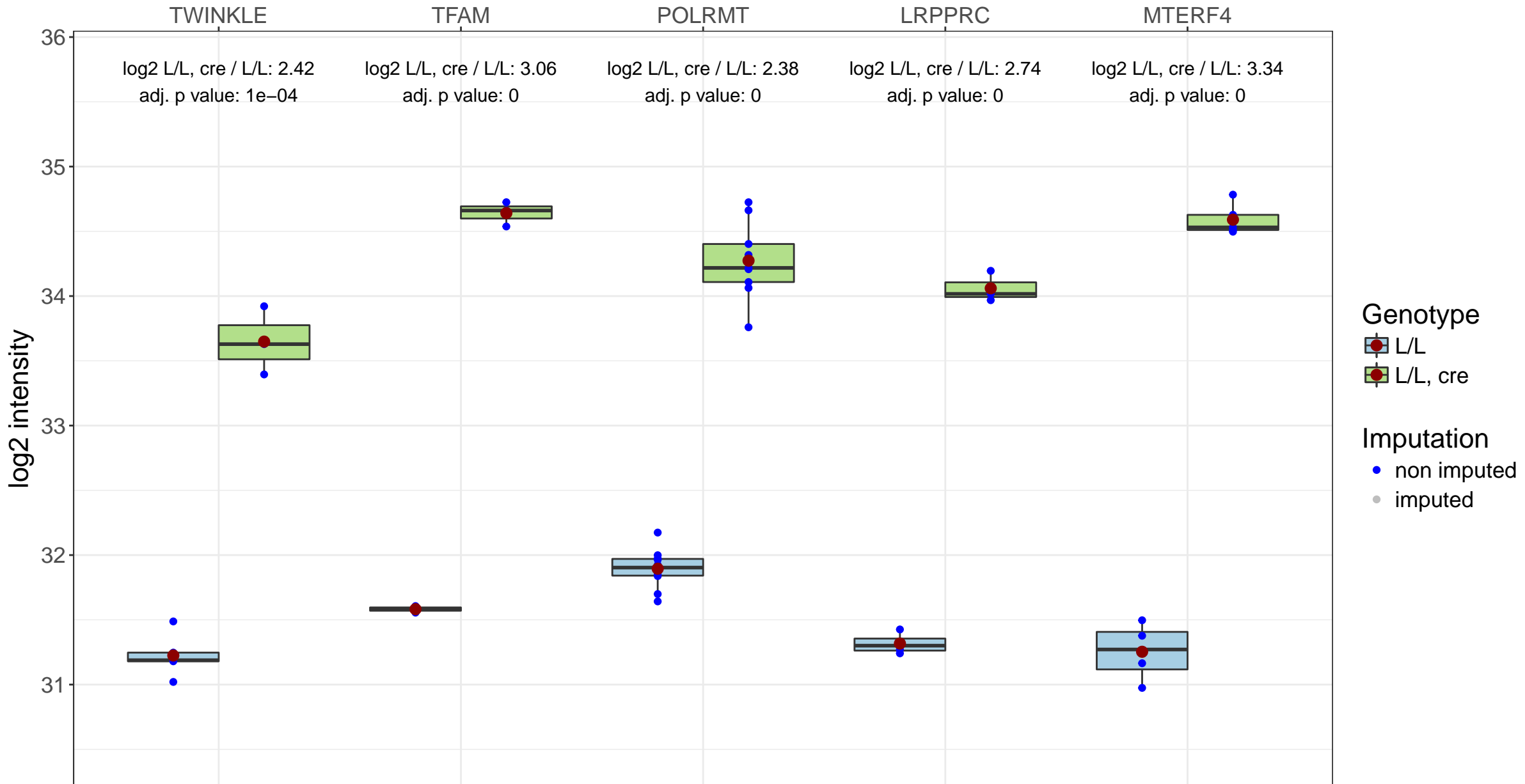
# SFXN3 / Q91V61



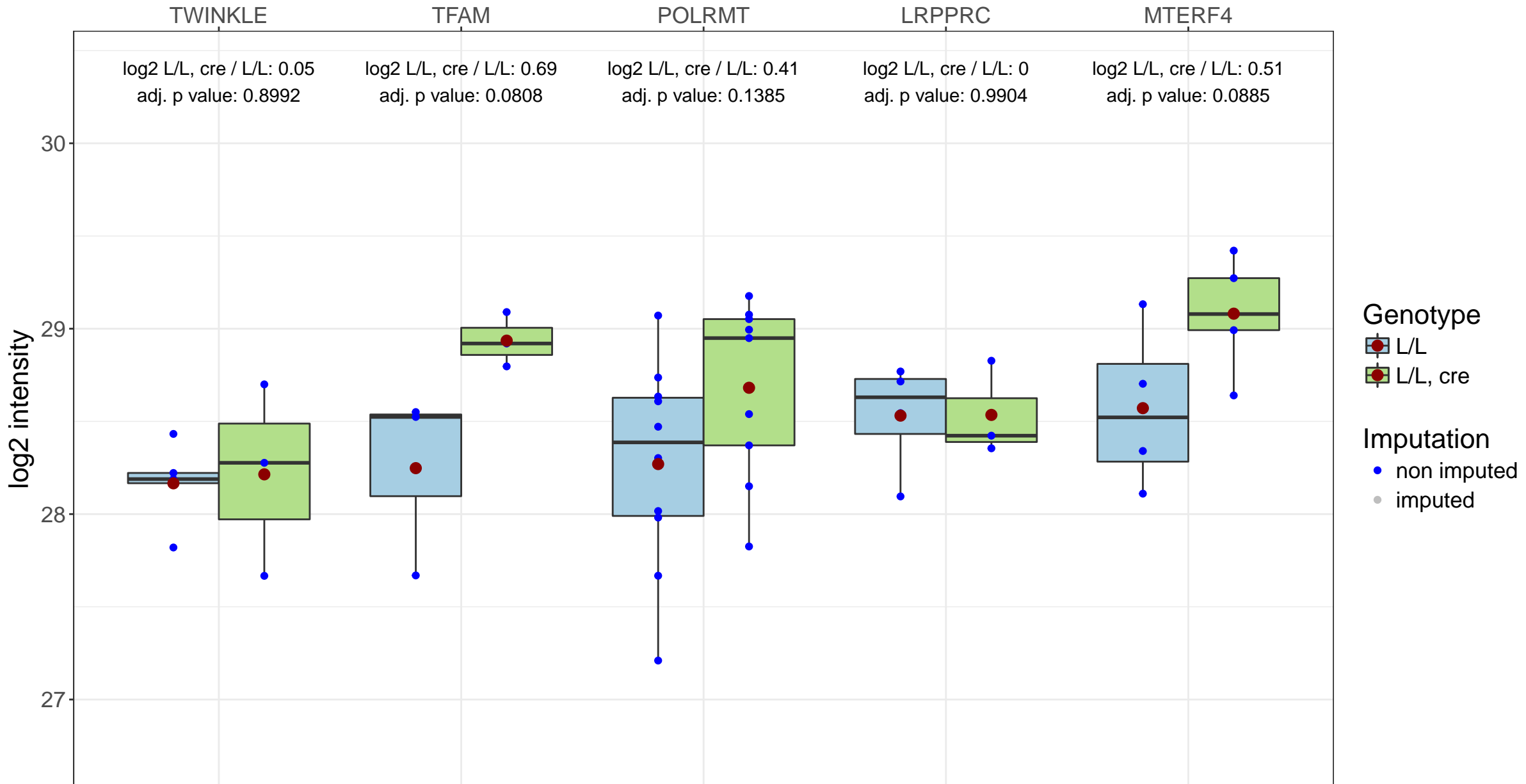
# SFXN4 / Q925N1



# SHMT2 / Q9CZN7

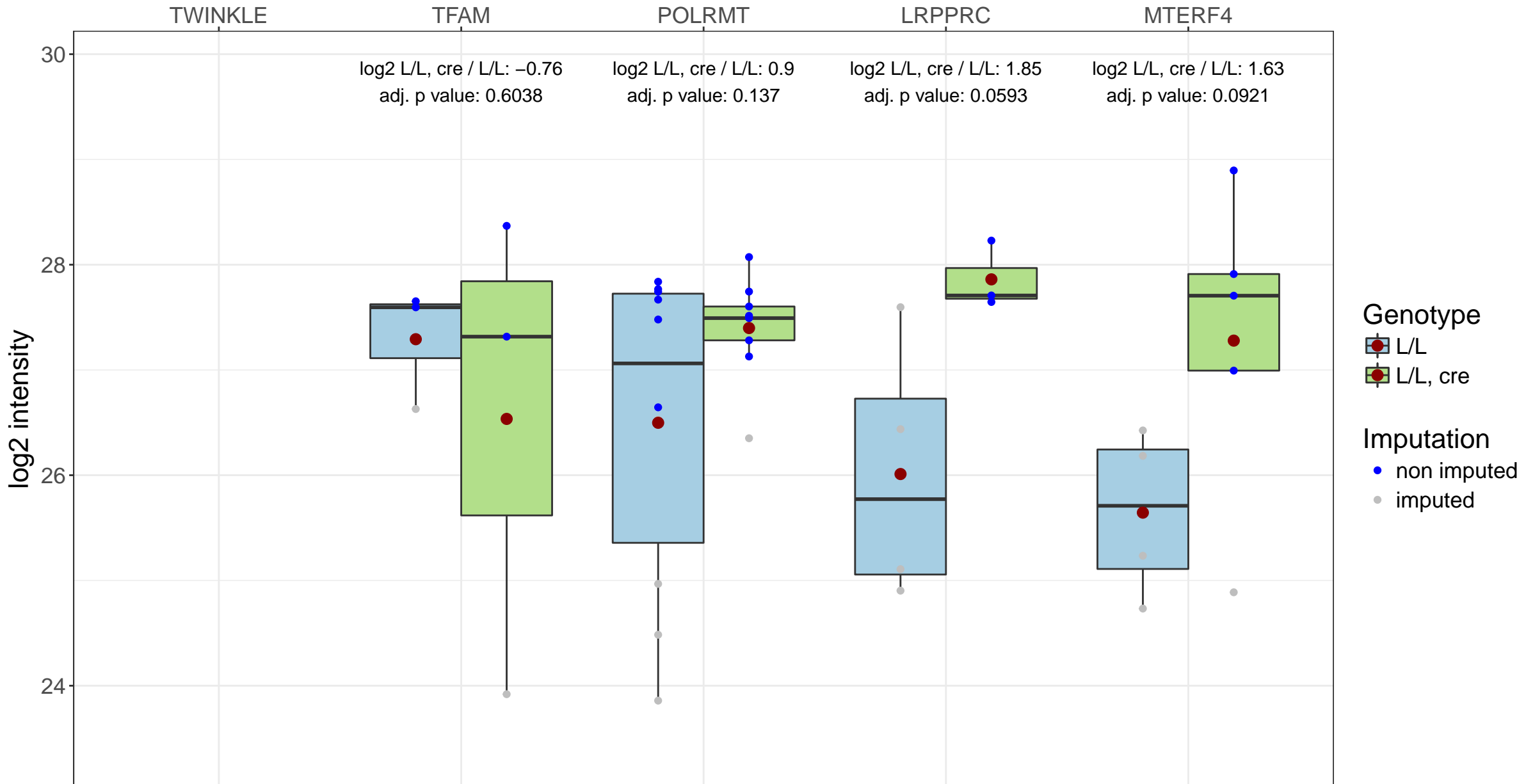


# SIRT3 / Q8R104

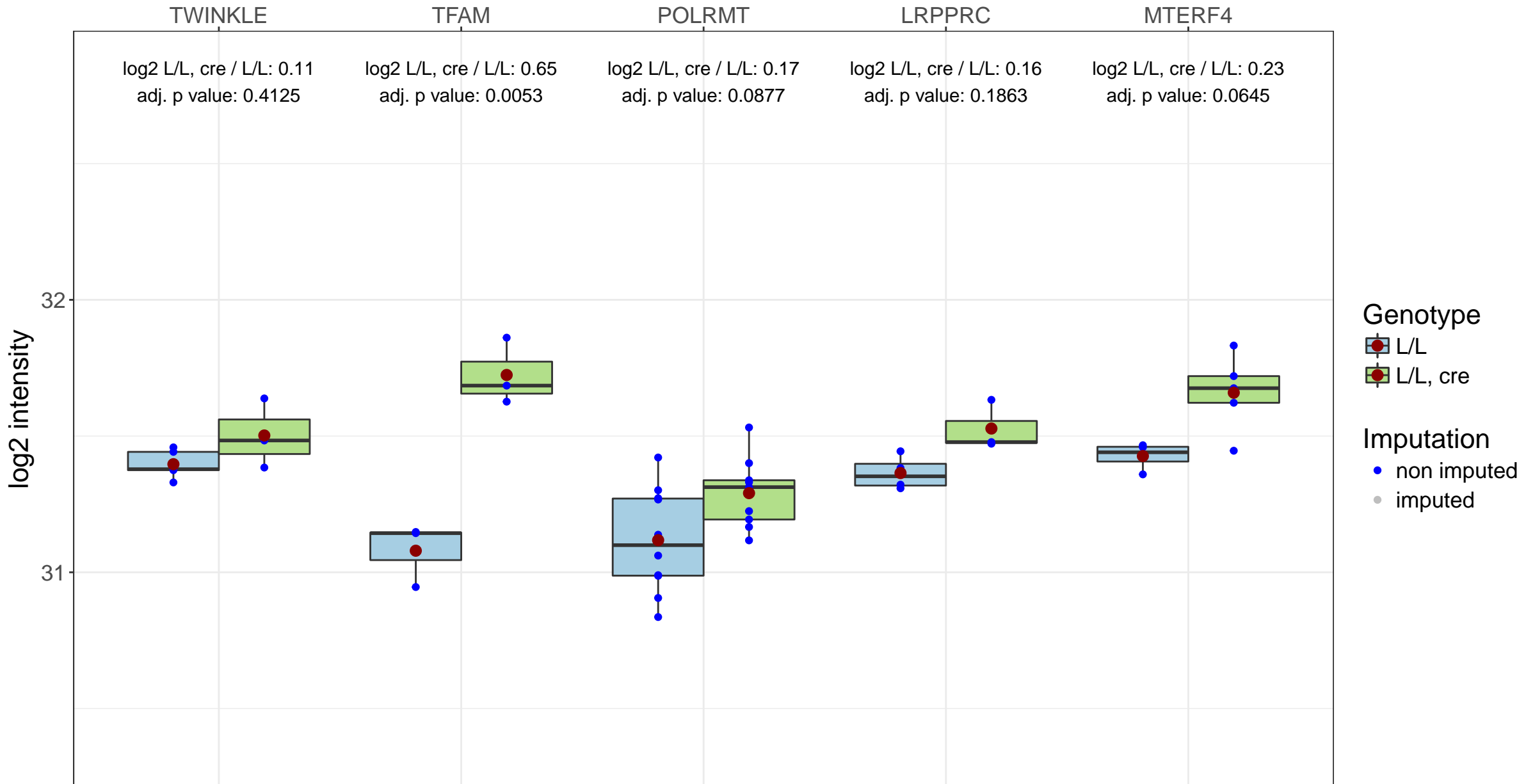




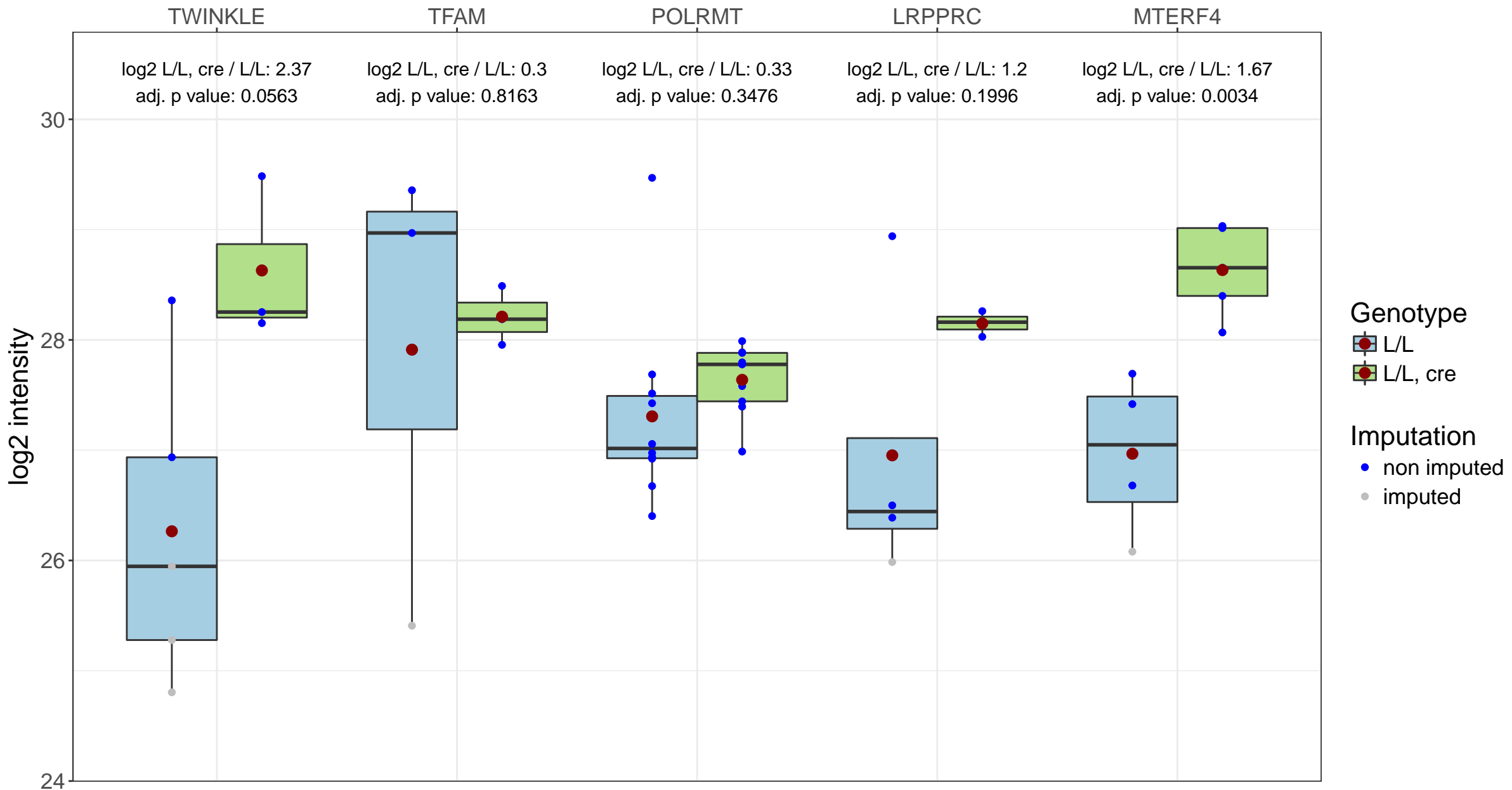
# SIRT4 / Q8R216



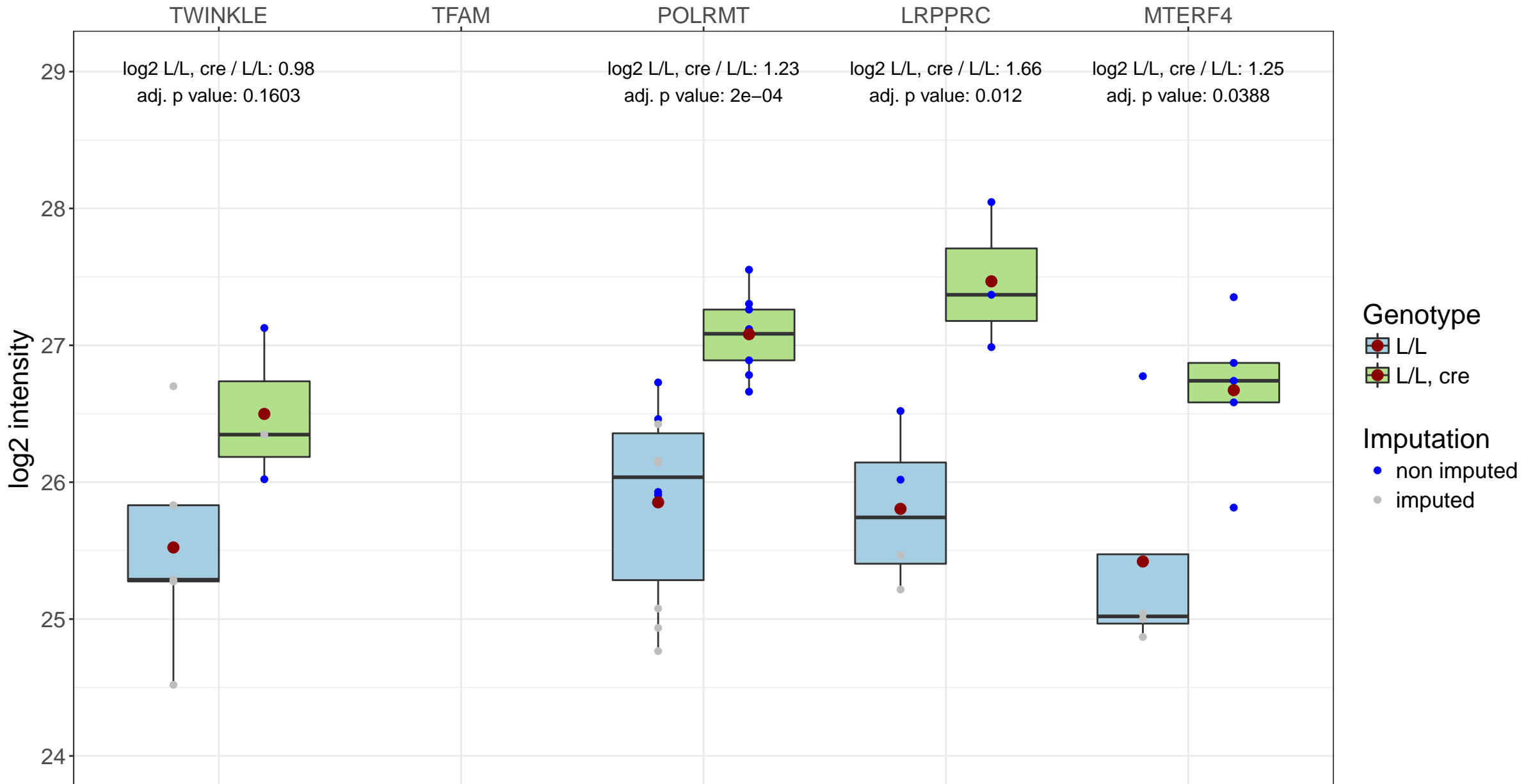
# SIRT5 / Q8K2C6



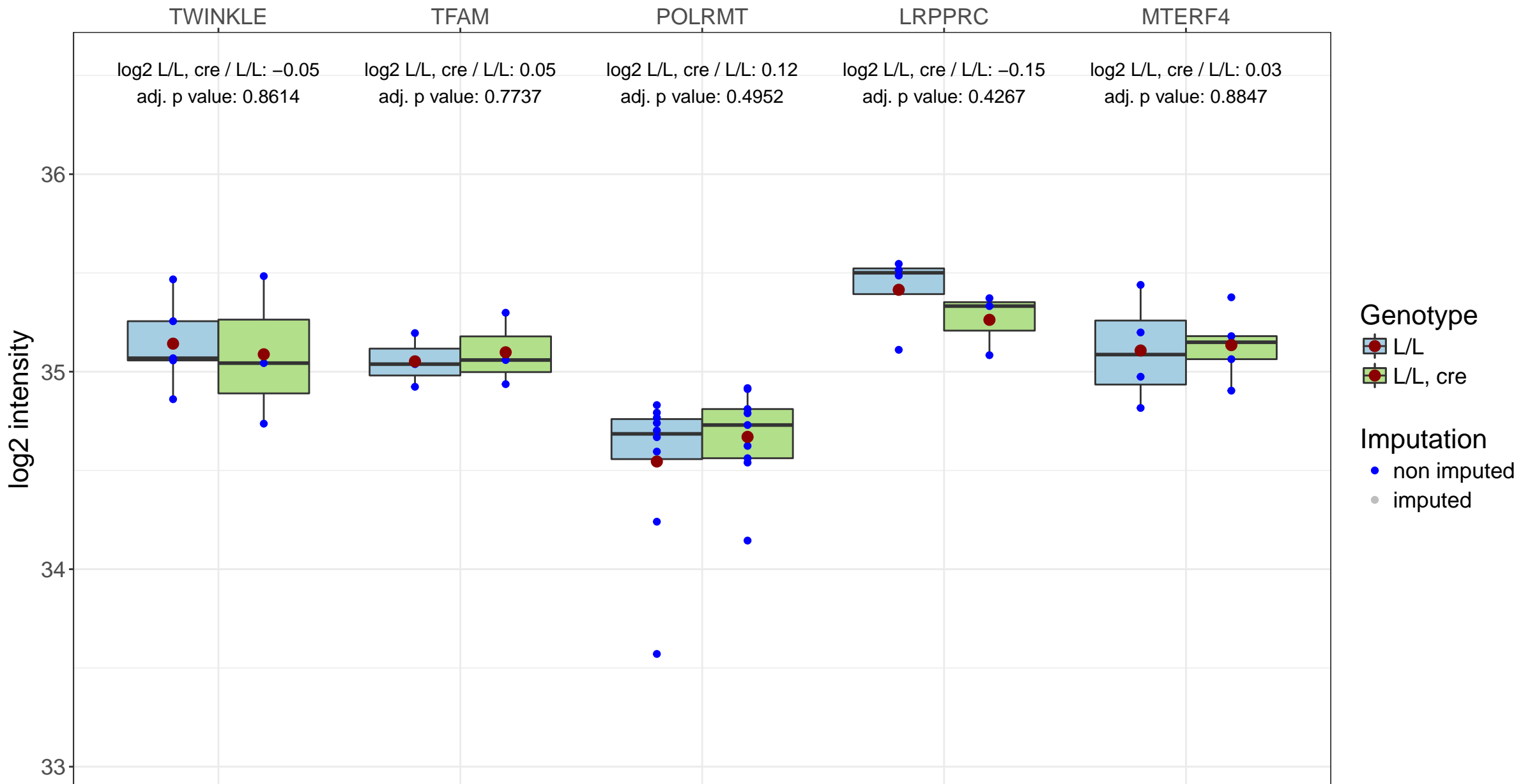
# SLC25A1 / Q8JZU2



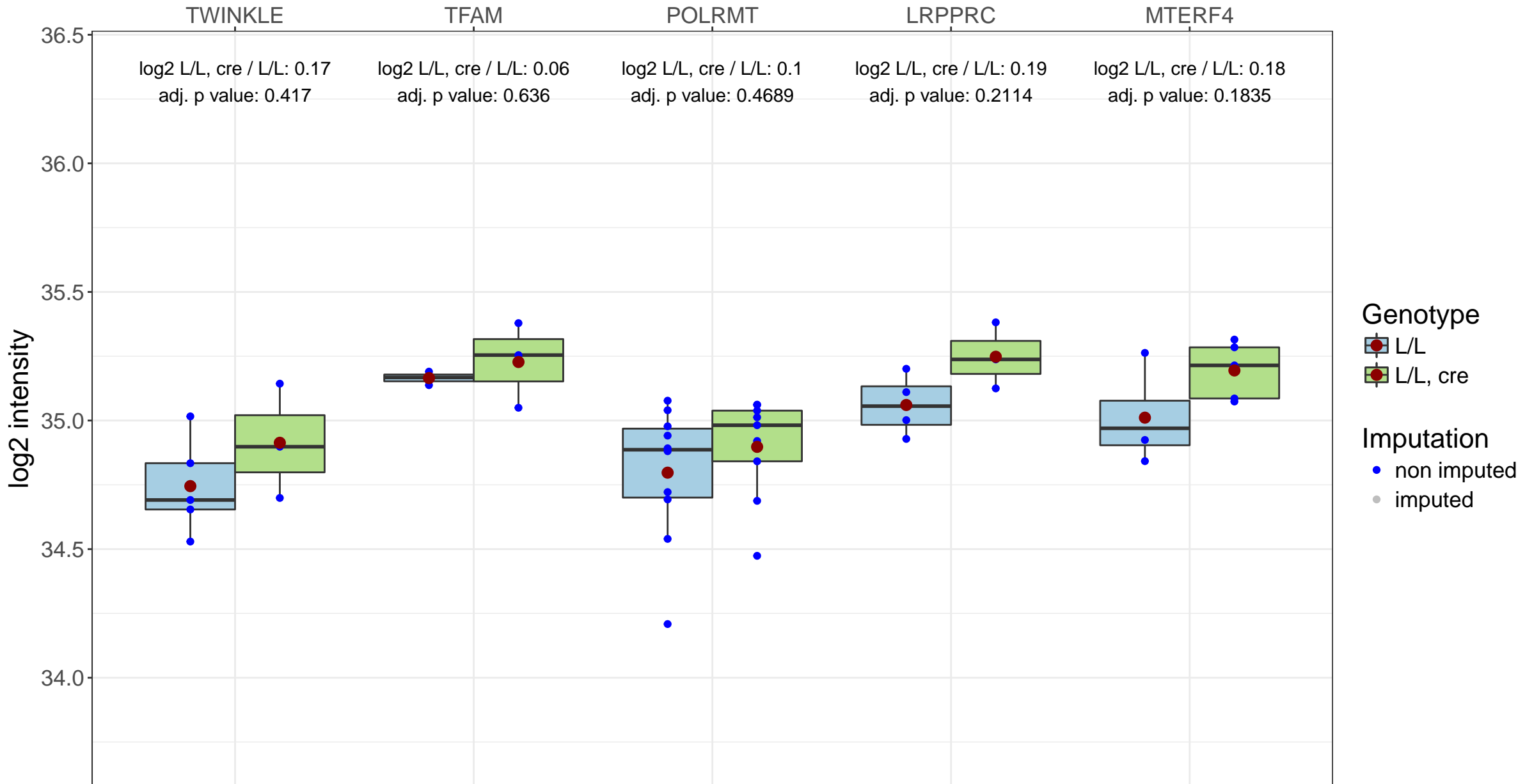
# SLC25A10 / Q9QZD8



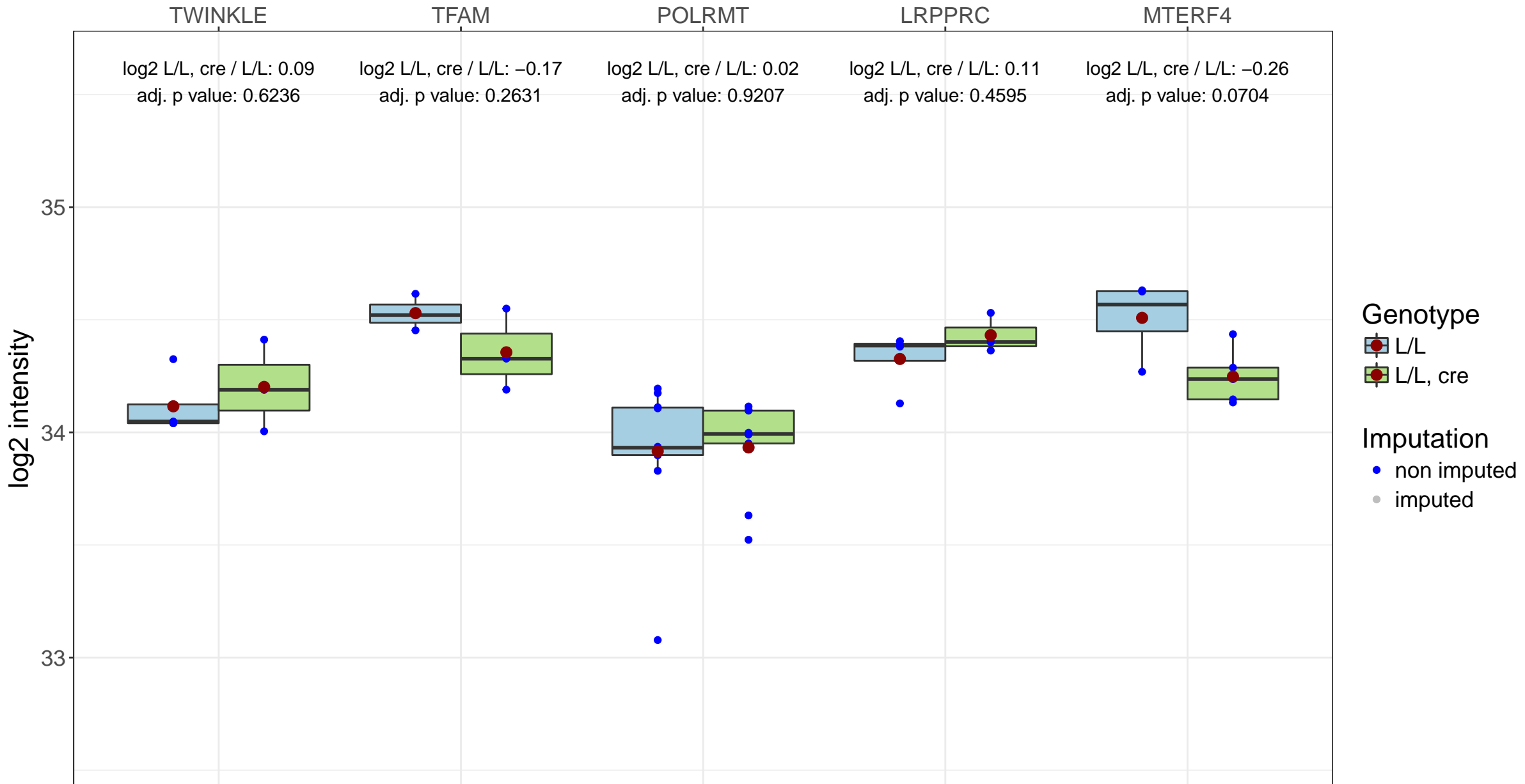
# SLC25A11 / Q9CR62



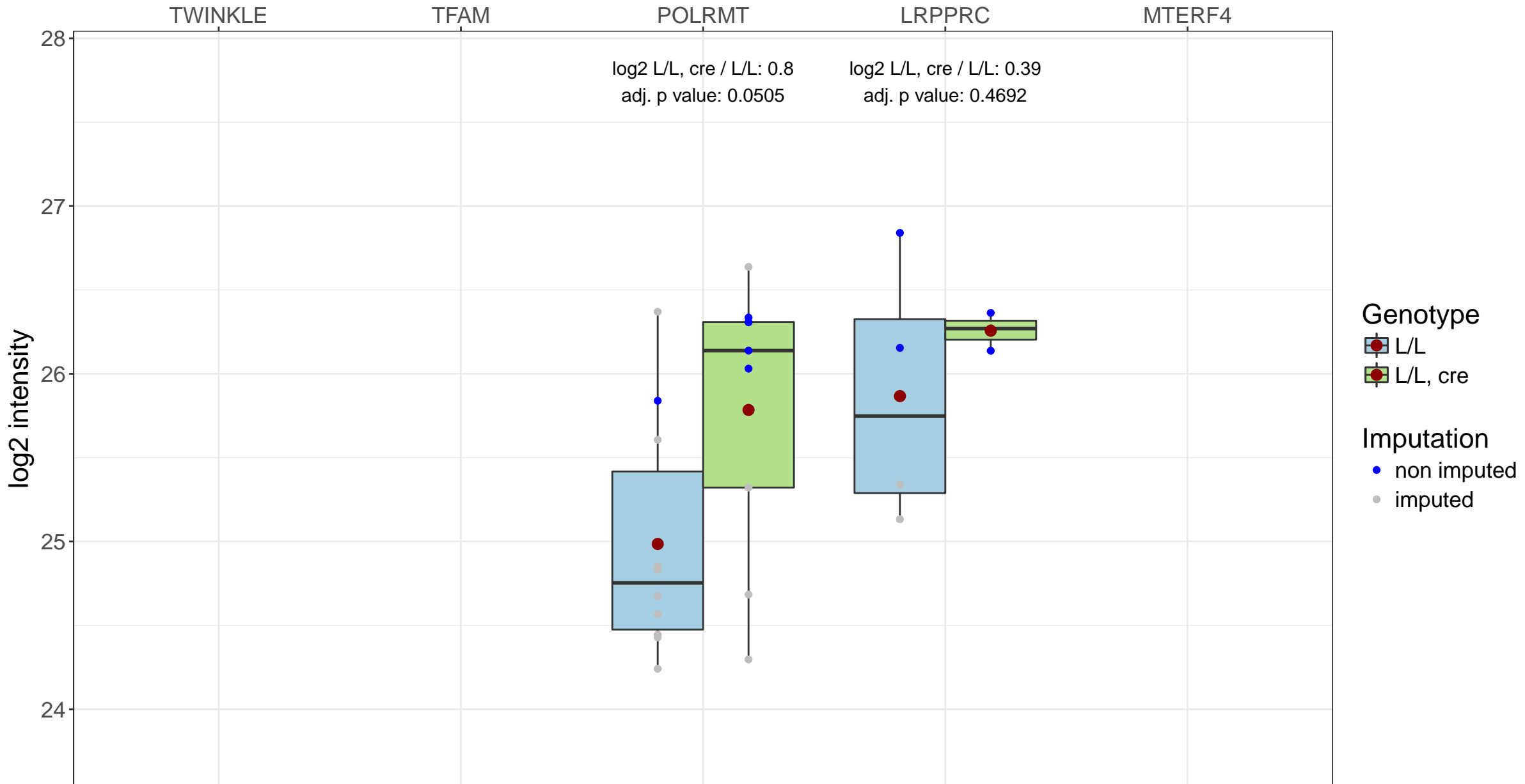
# SLC25A12 / Q8BH59



# SLC25A13 / Q9QXX4

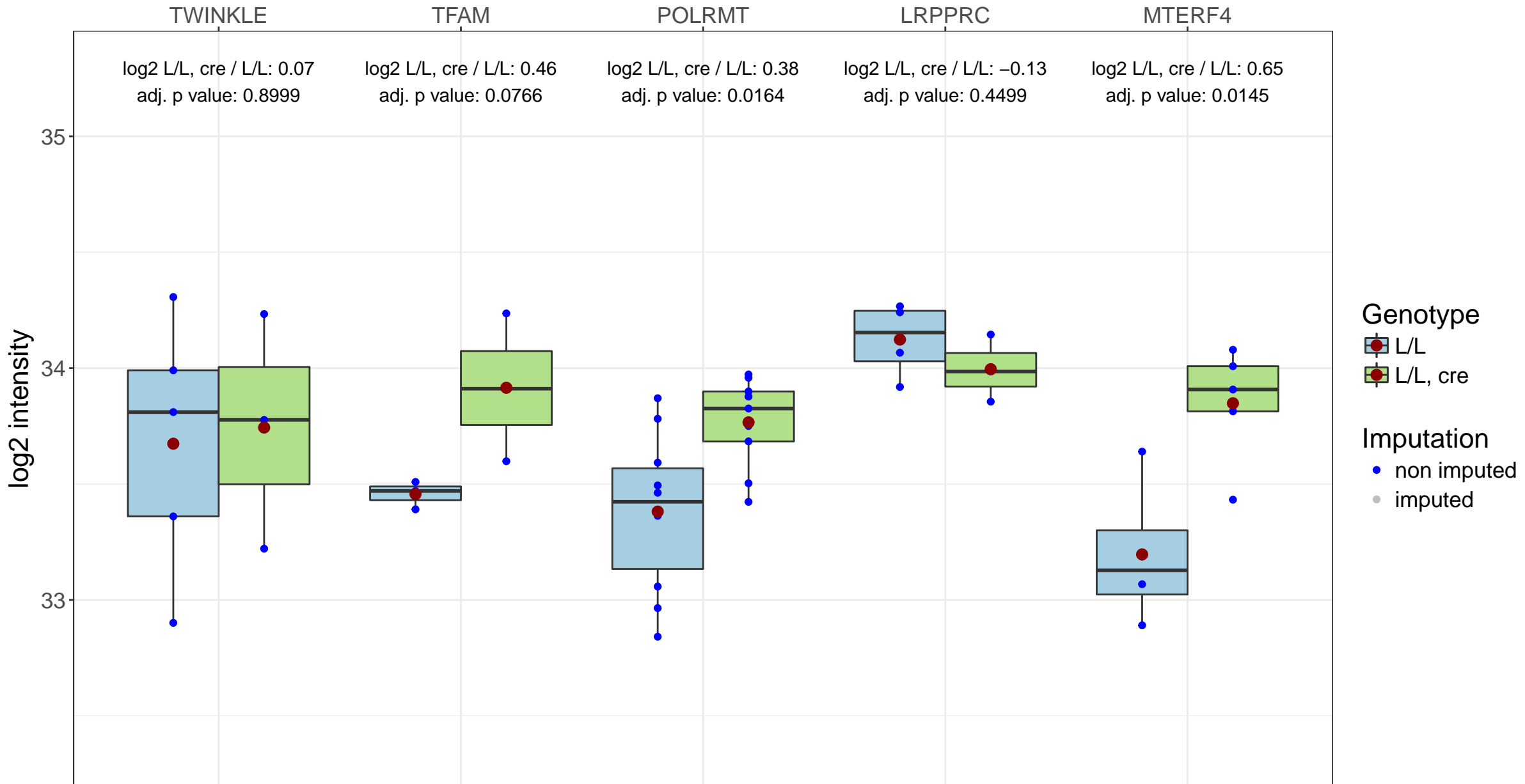


# SLC25A15 / Q9WVD5

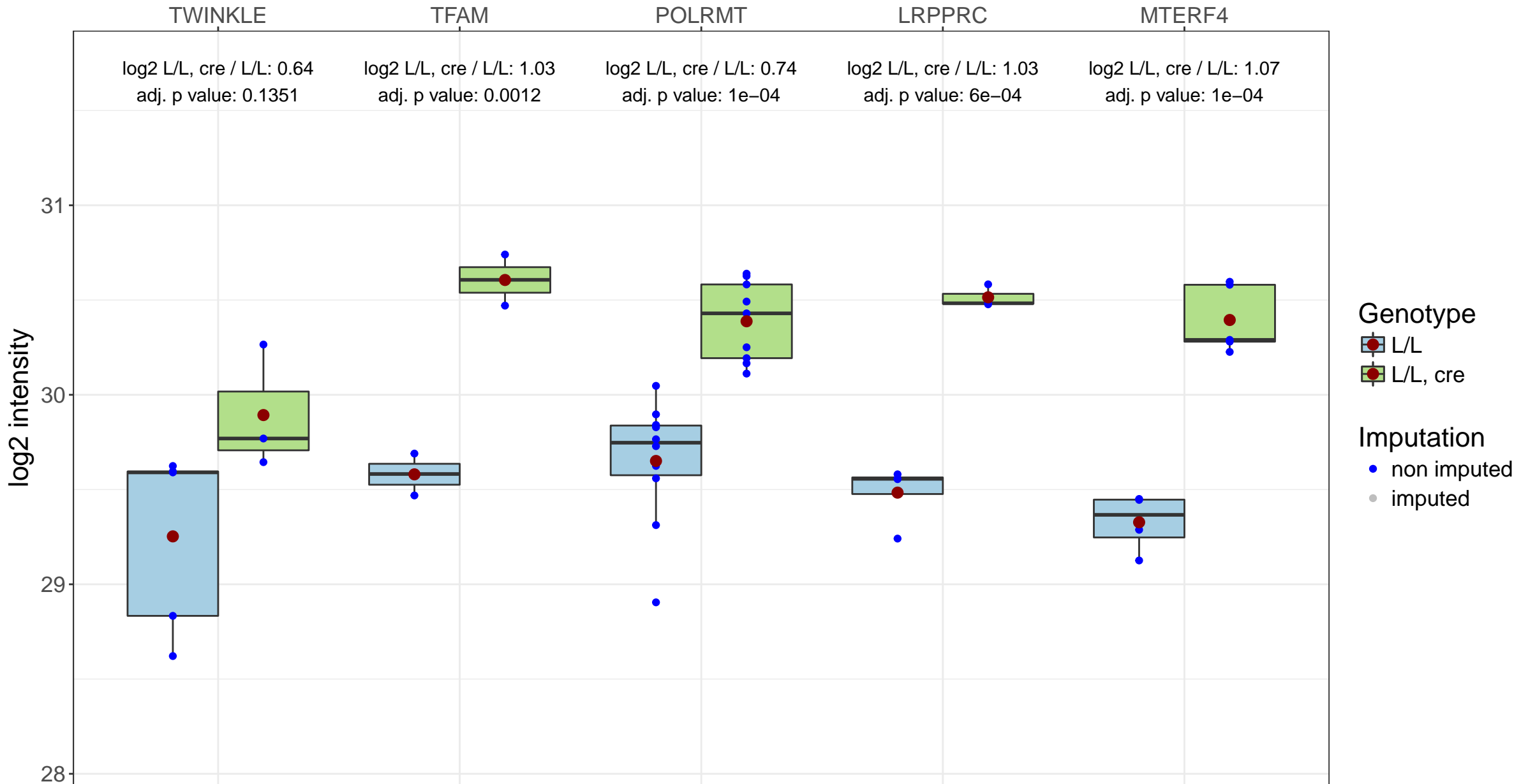




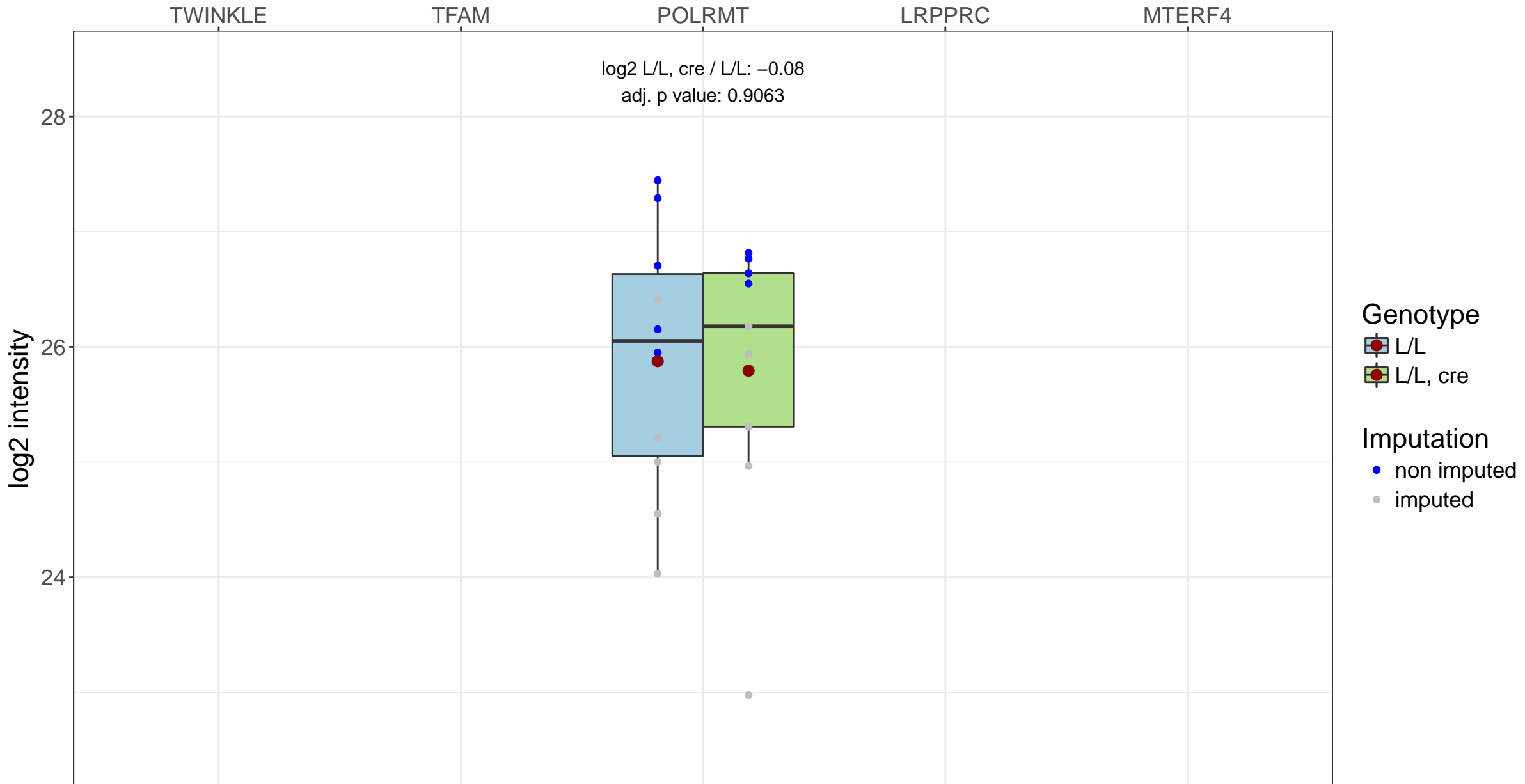
# SLC25A20 / Q9Z2Z6



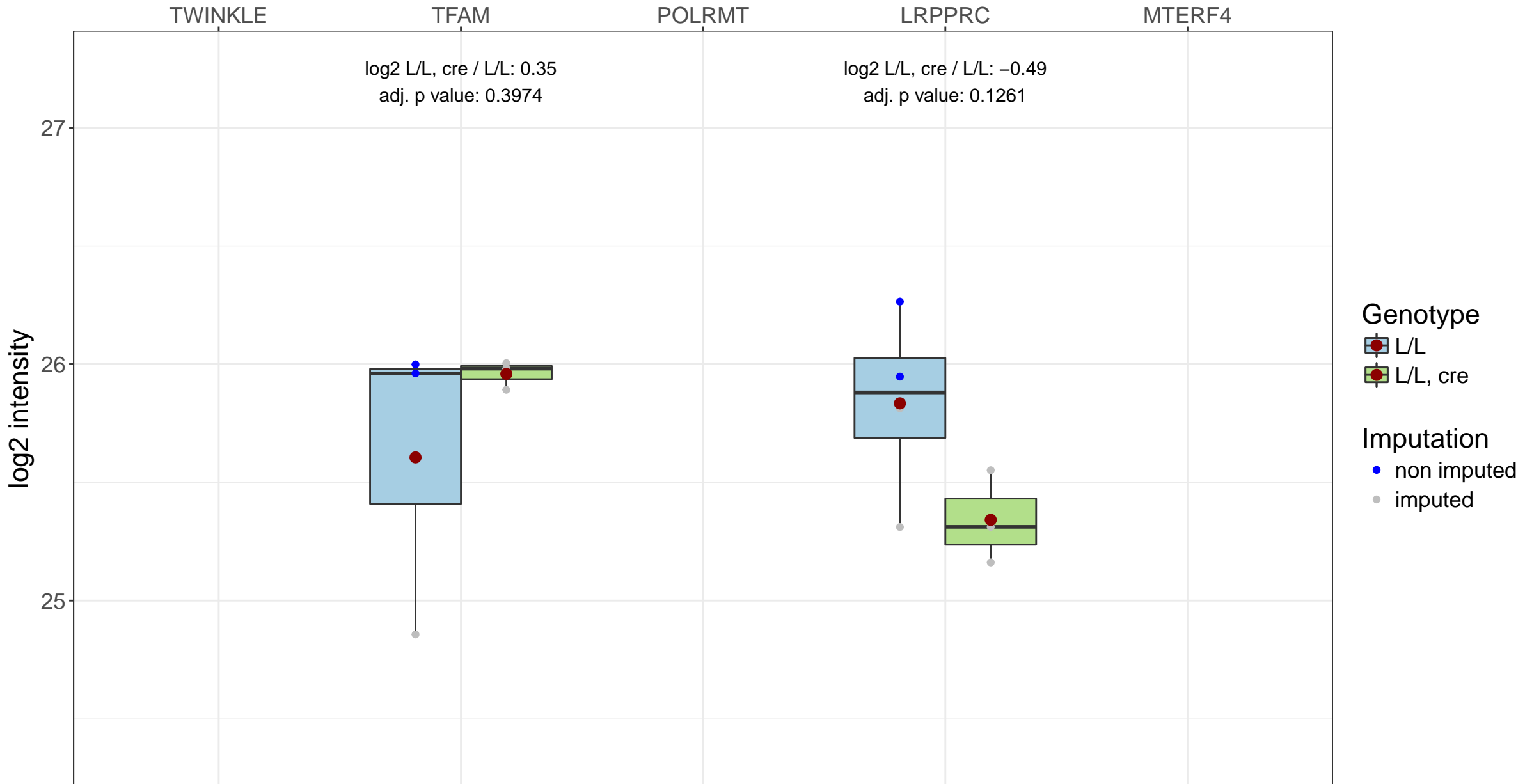
# SLC25A22 / Q9D6M3



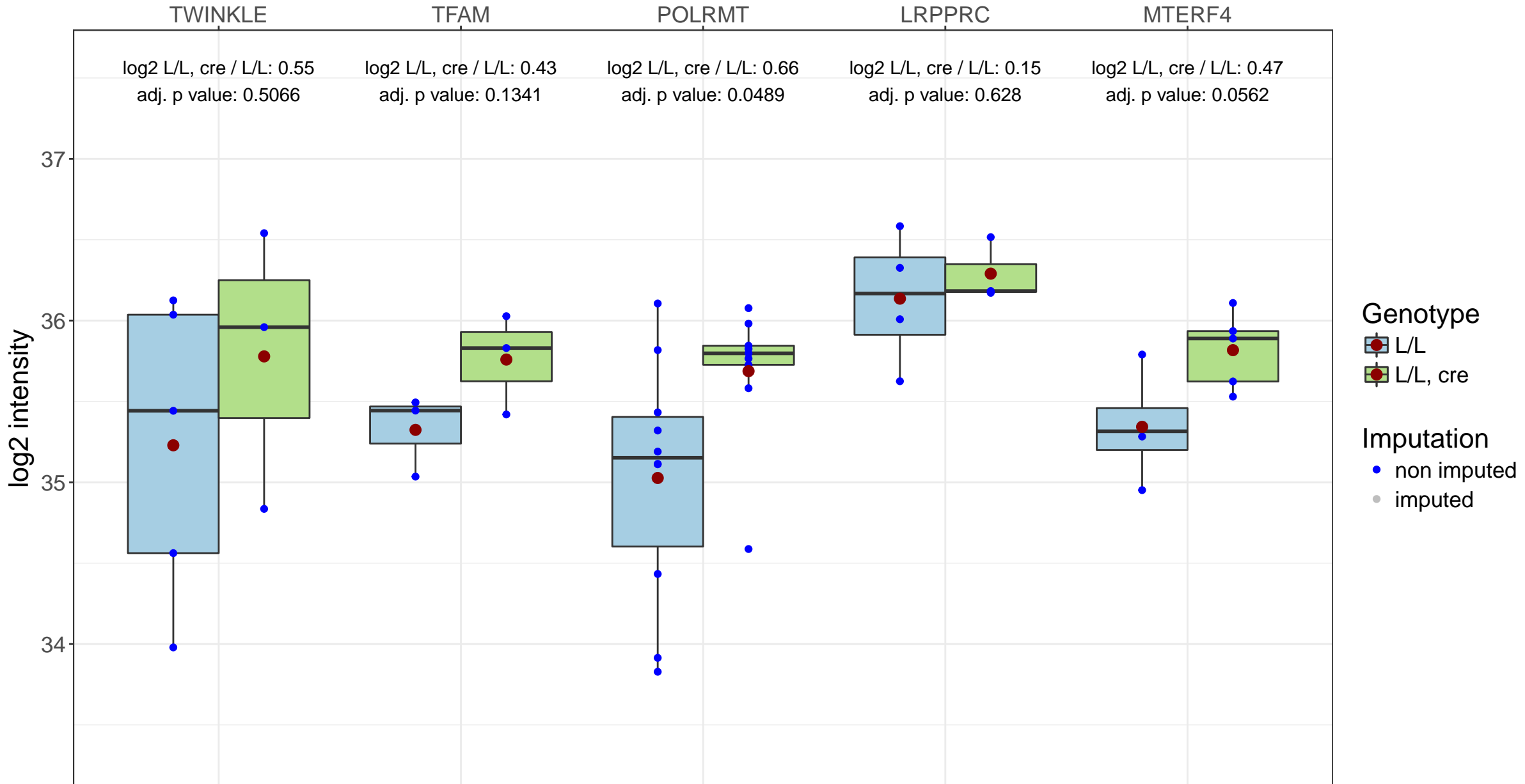
# SLC25A24 / Q8BMD8



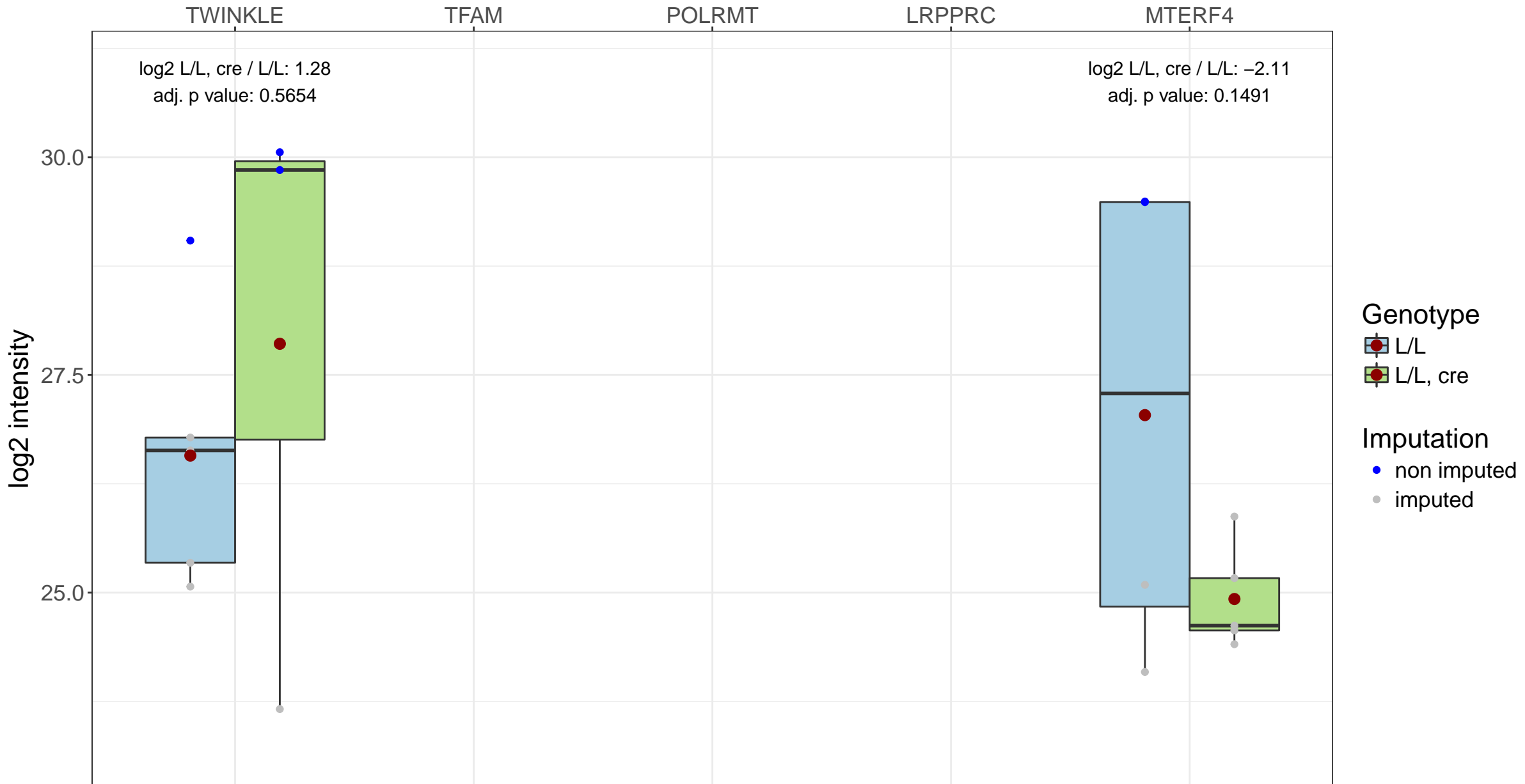
# SLC25A29 / Q8BL03



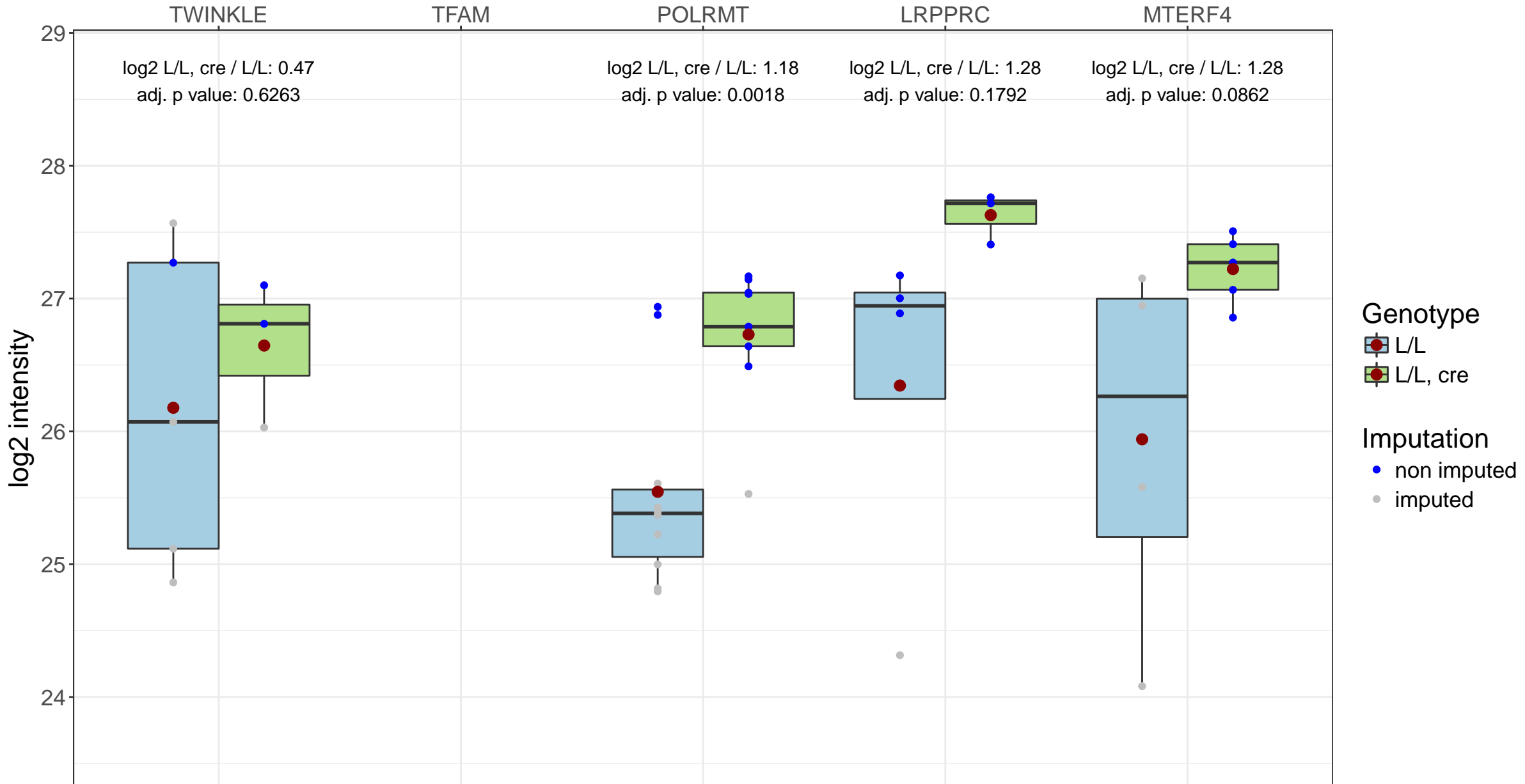
# SLC25A3 / G5E902



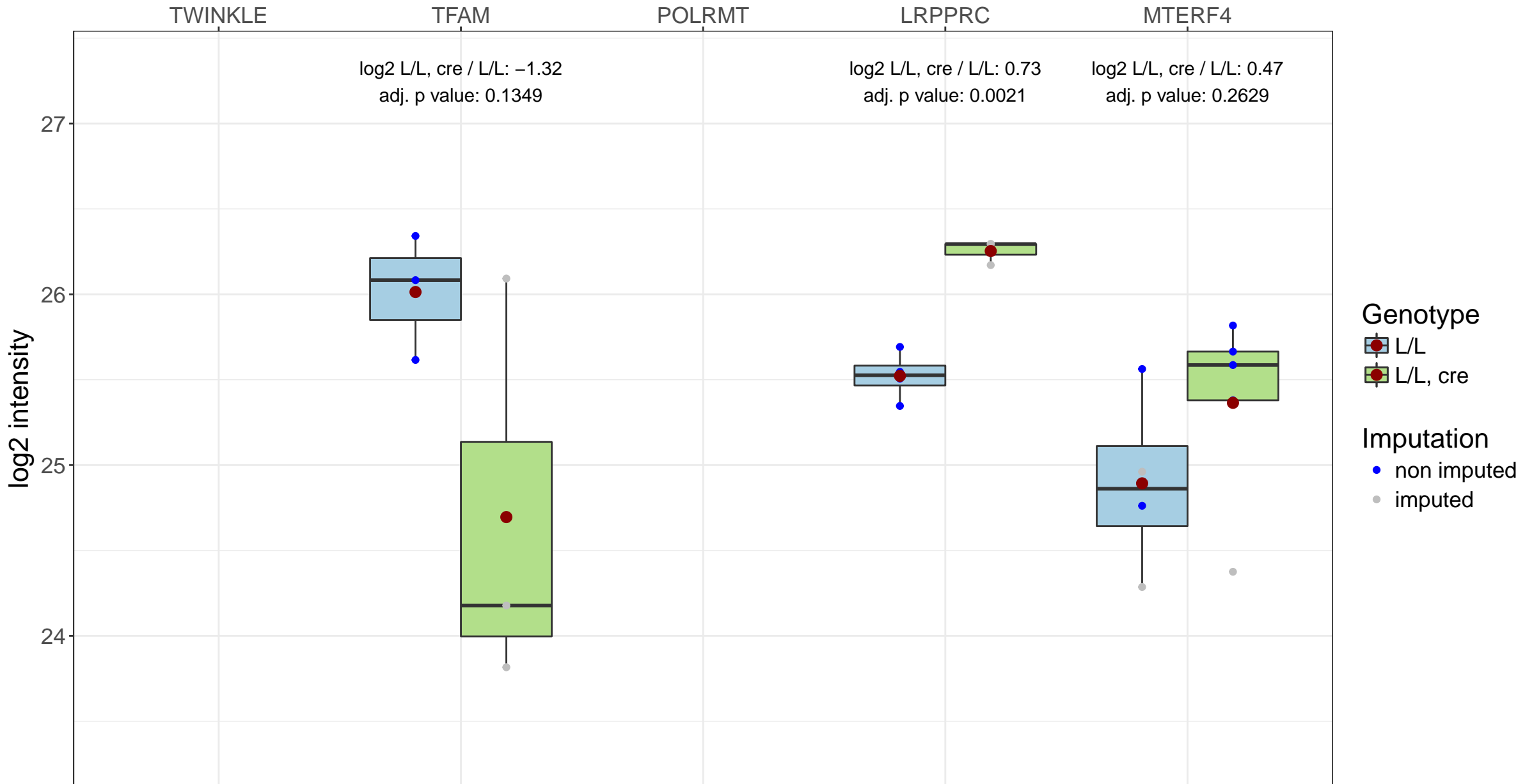
# SLC25A31 / Q3V132



# SLC25A34 / A2ADF7

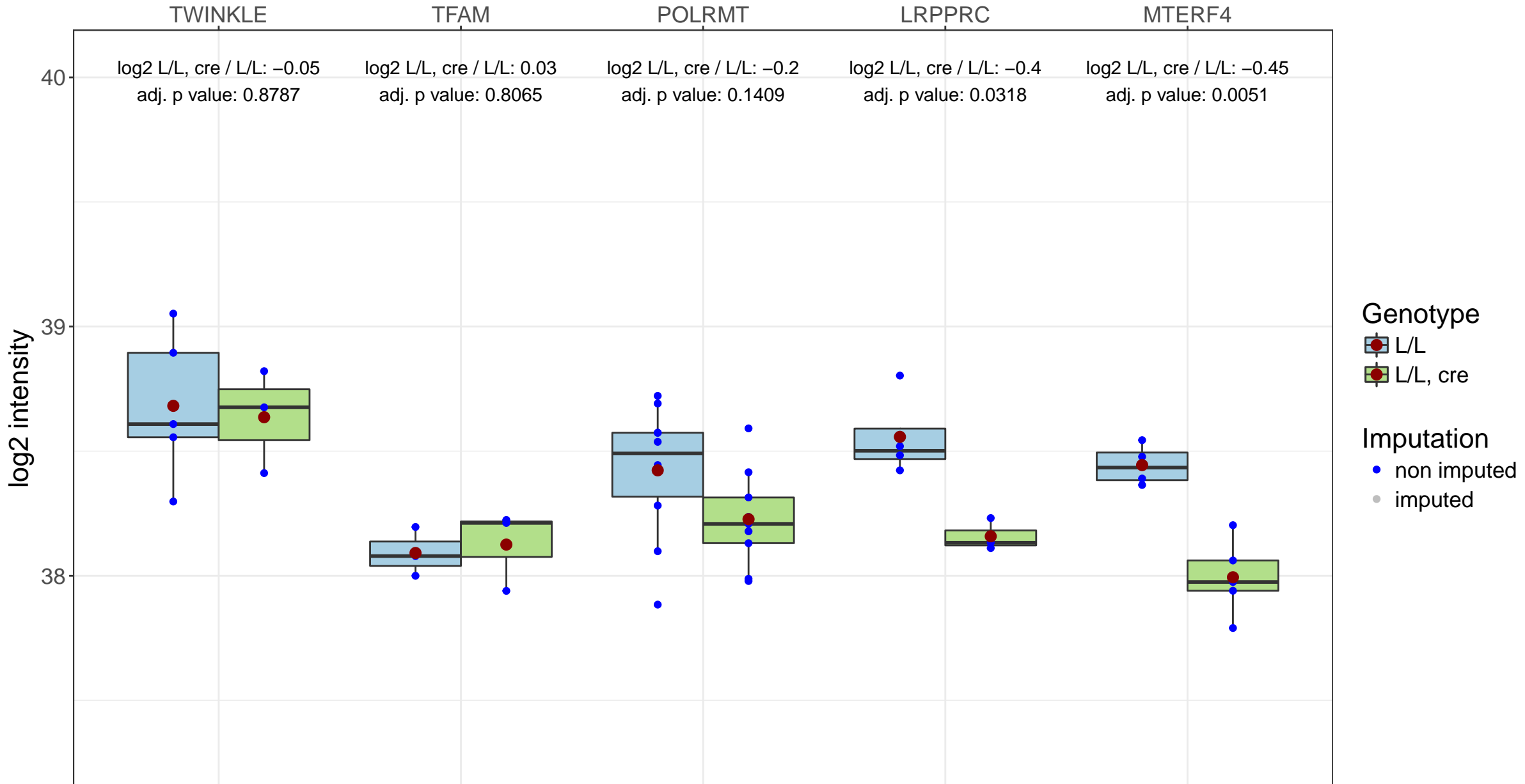


# SLC25A35 / Q5SWT3

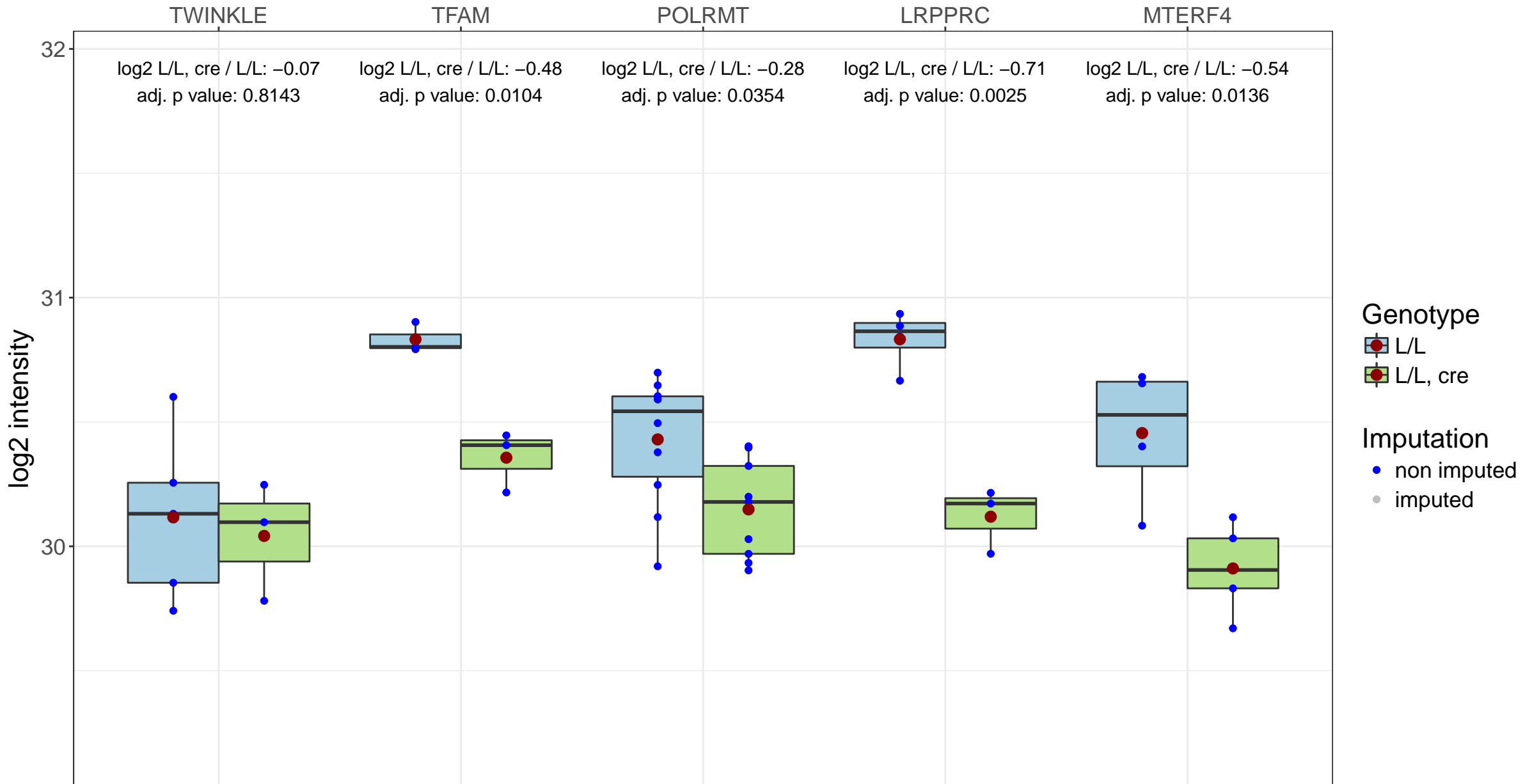




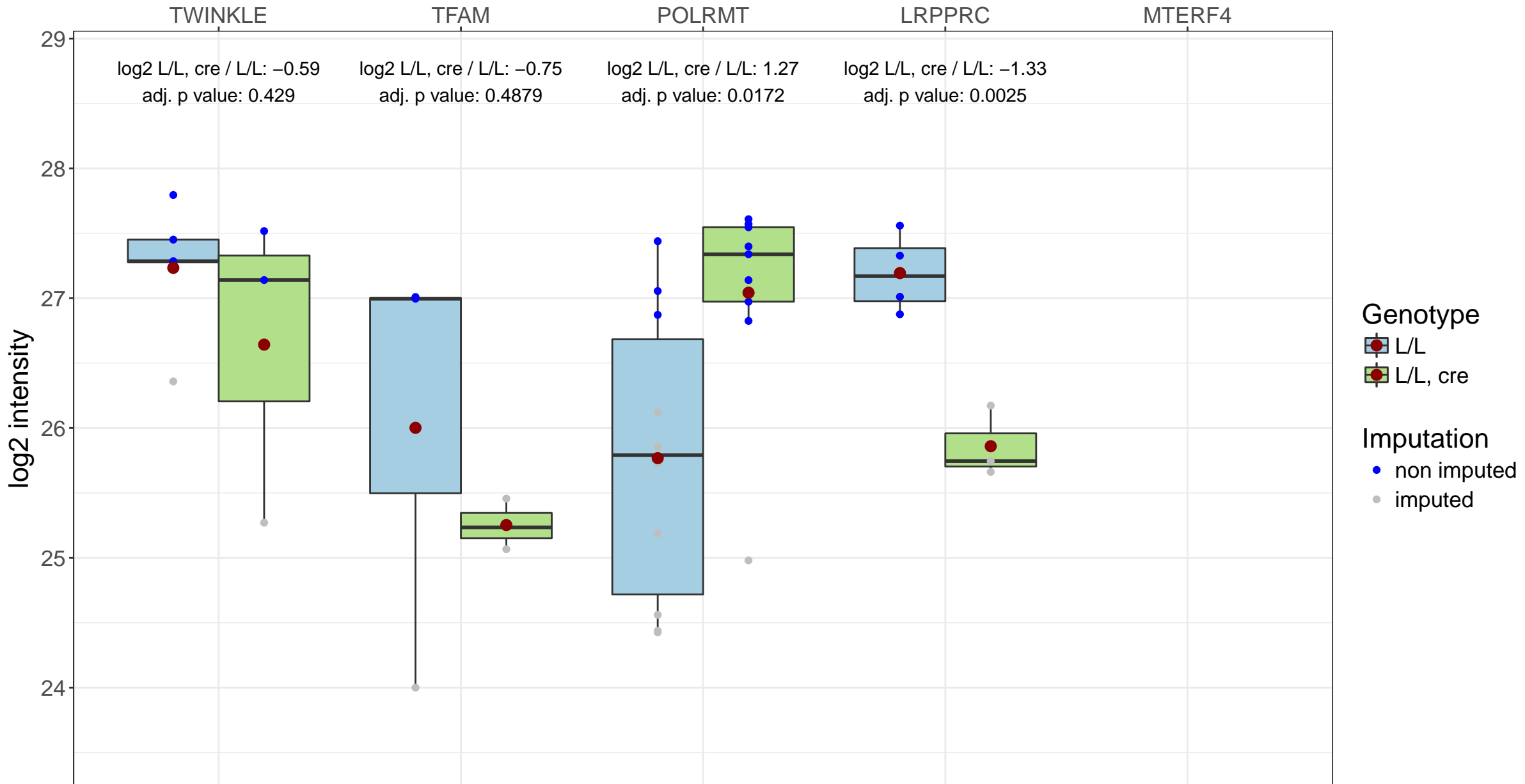
# SLC25A4 / P48962



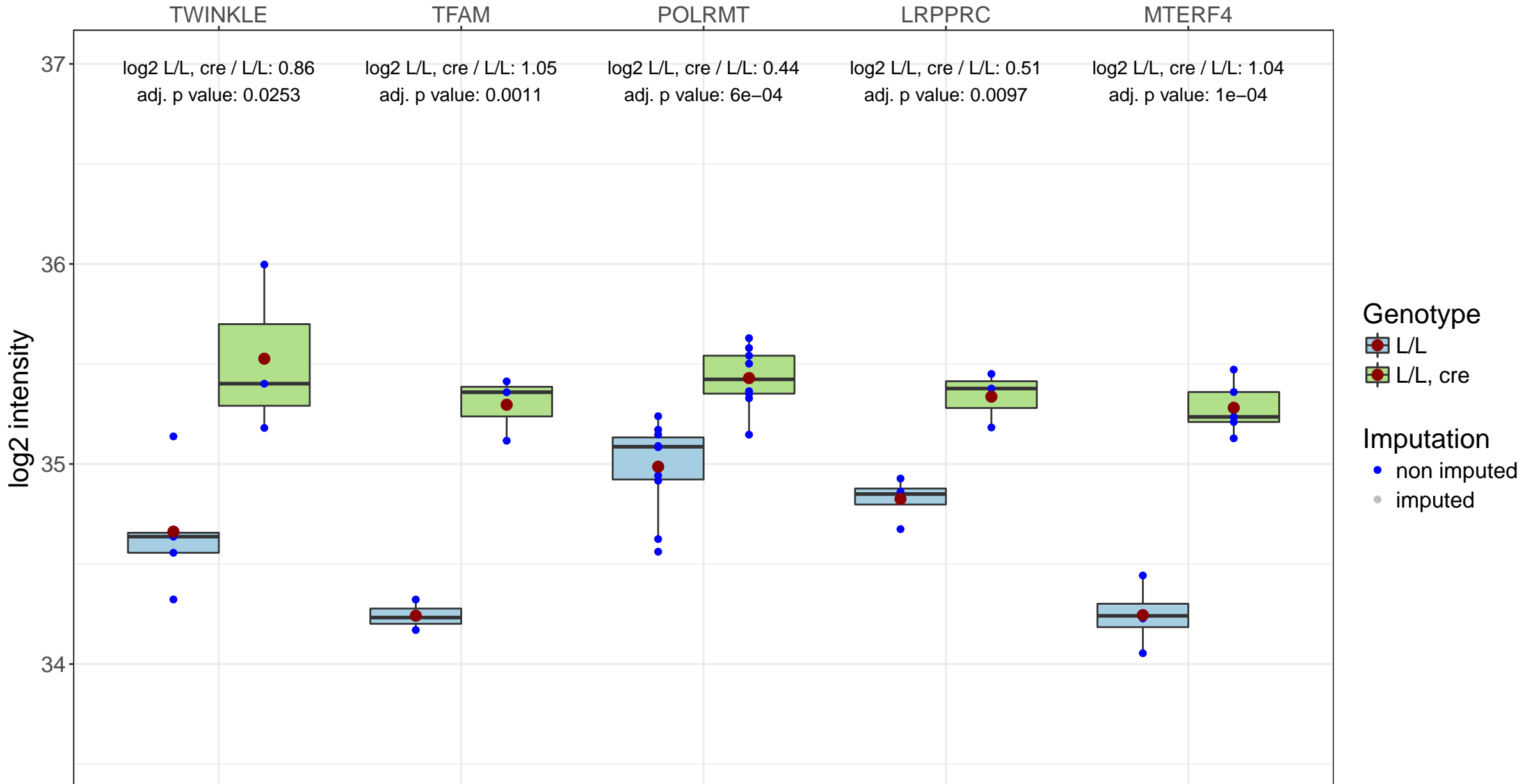
# SLC25A42 / Q8R0Y8



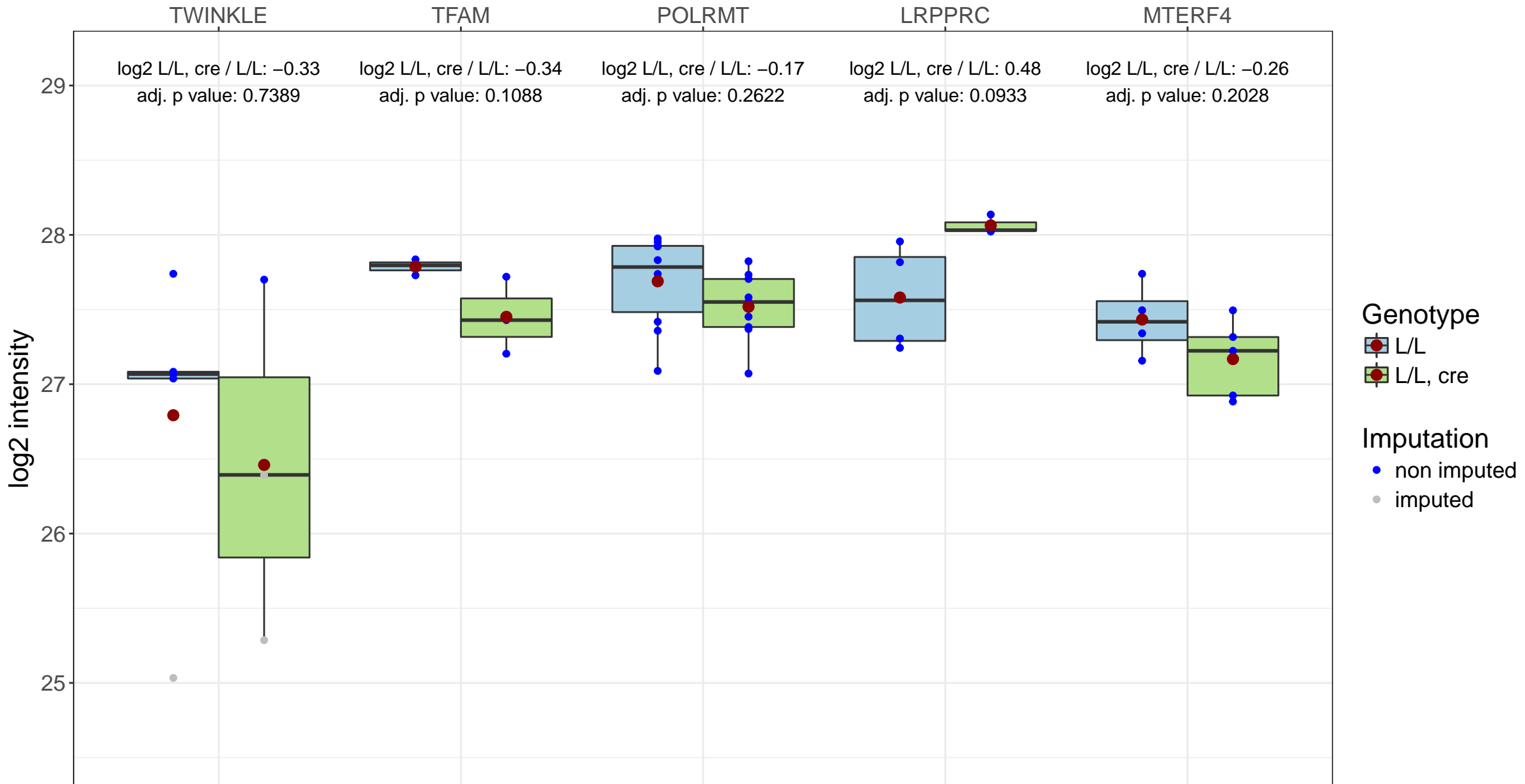
# SLC25A46 / Q9CQS4



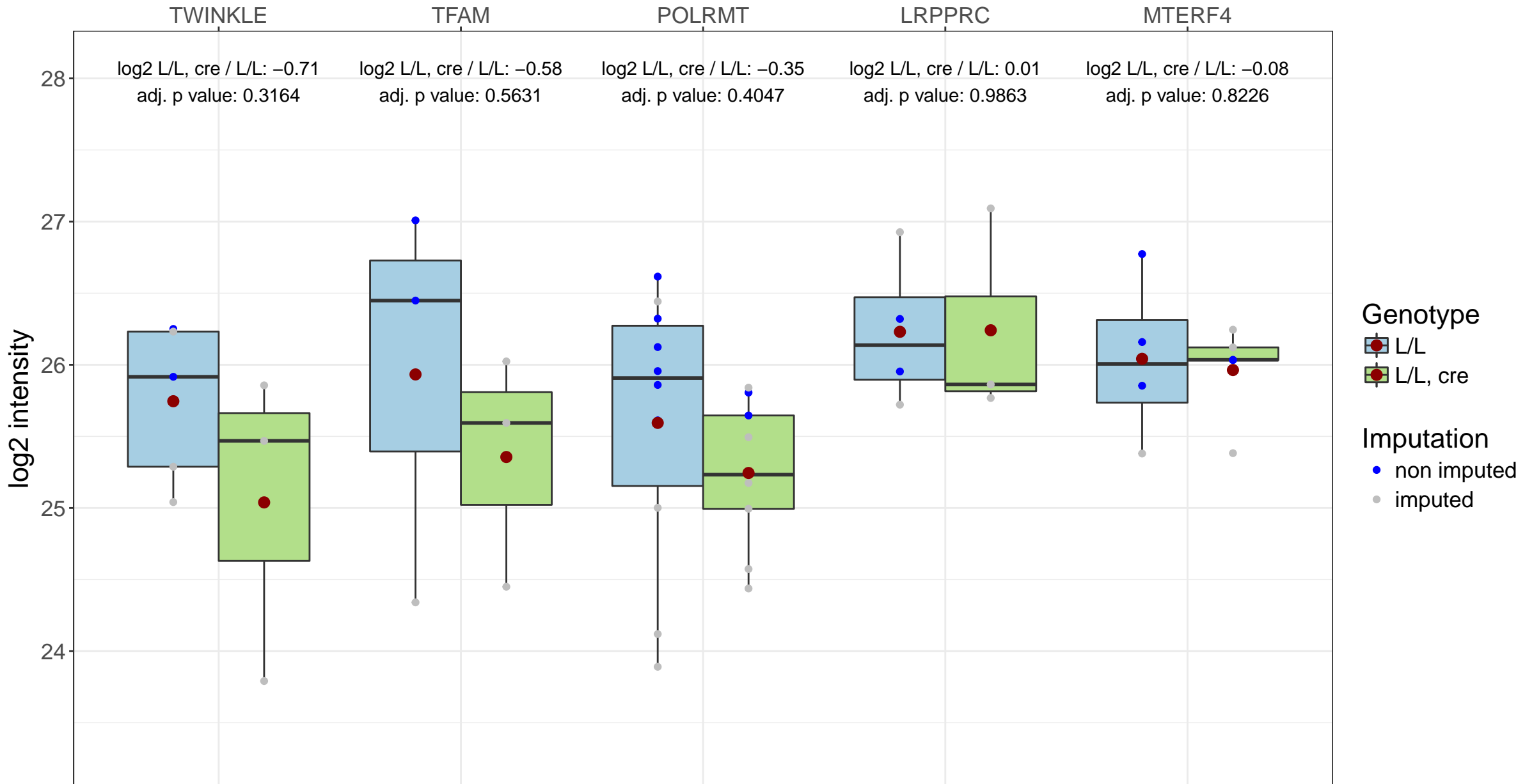
# SLC25A5 / P51881



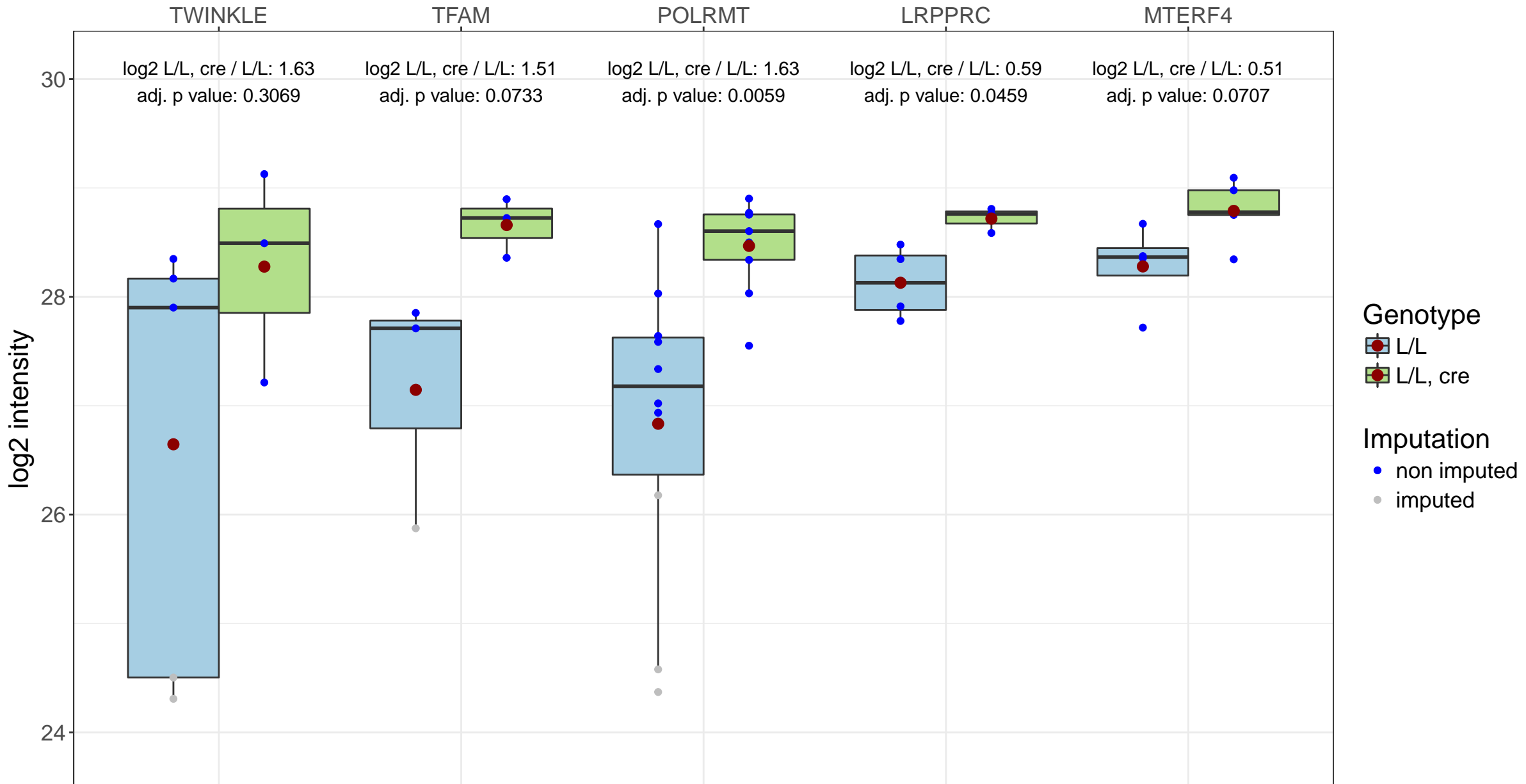
# SLC25A51 / Q5HZI9



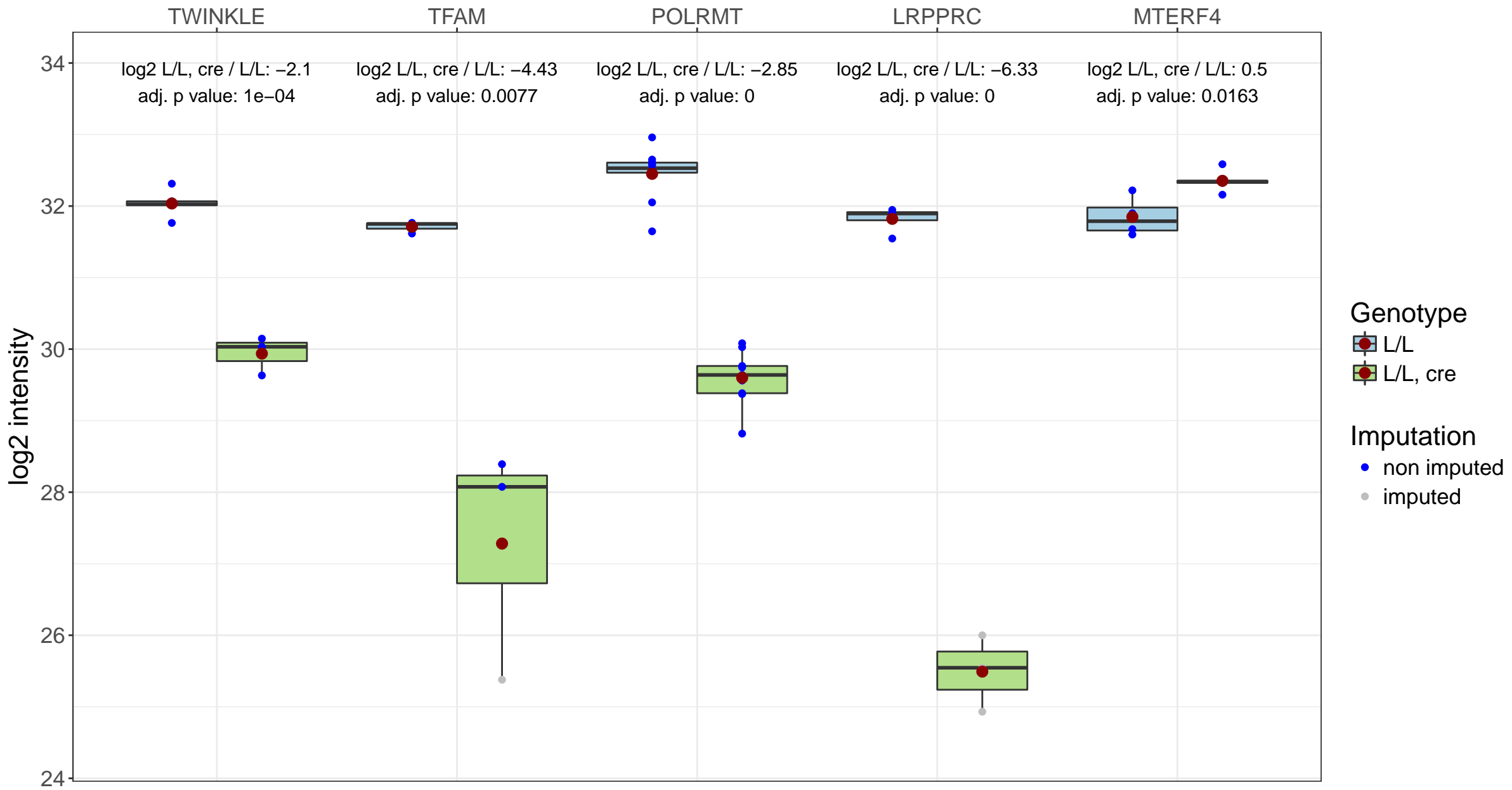
# SLC27A1 / Q60714



# SLC30A9 / Q5IRJ6

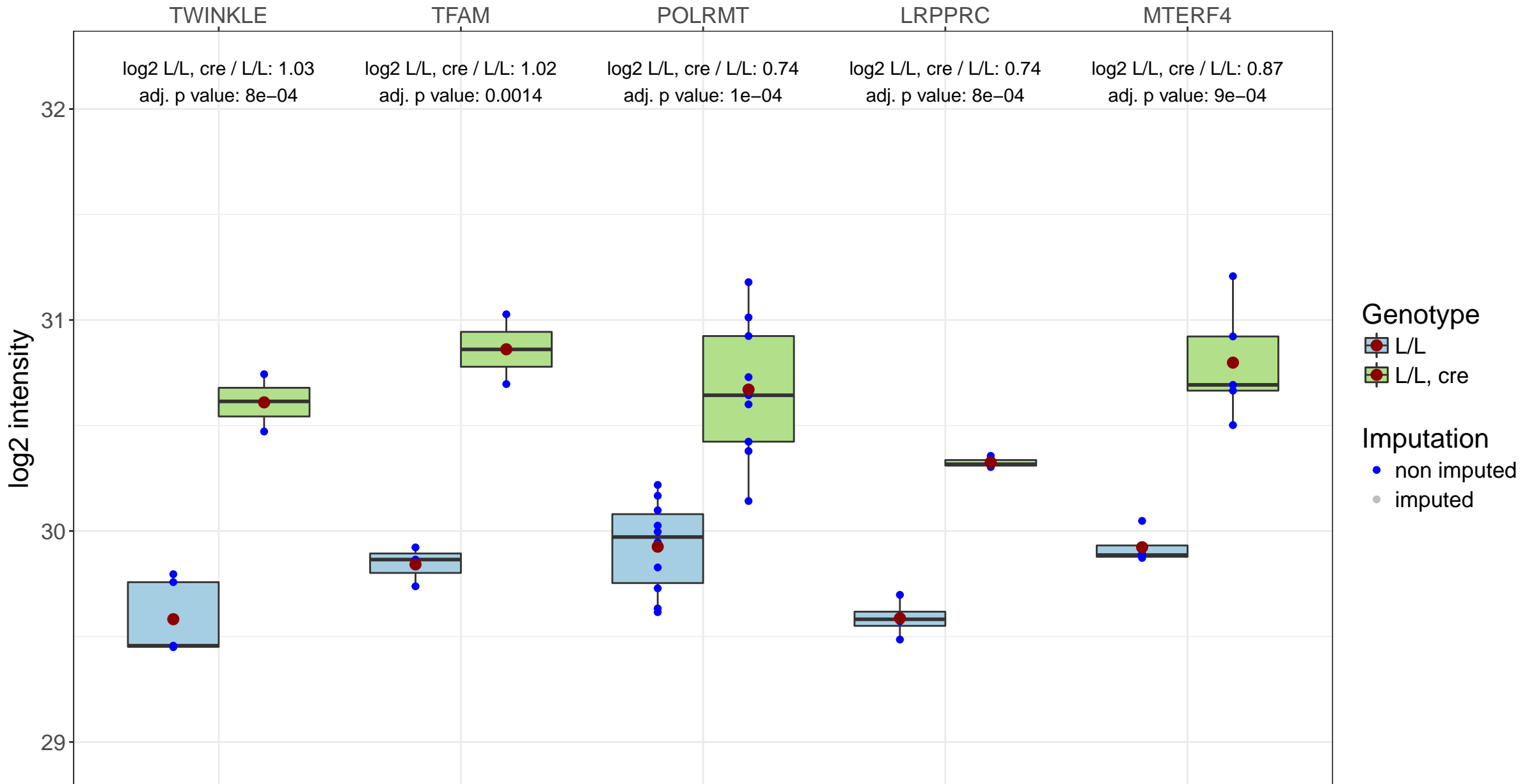


# SLIRP / Q9D8T7

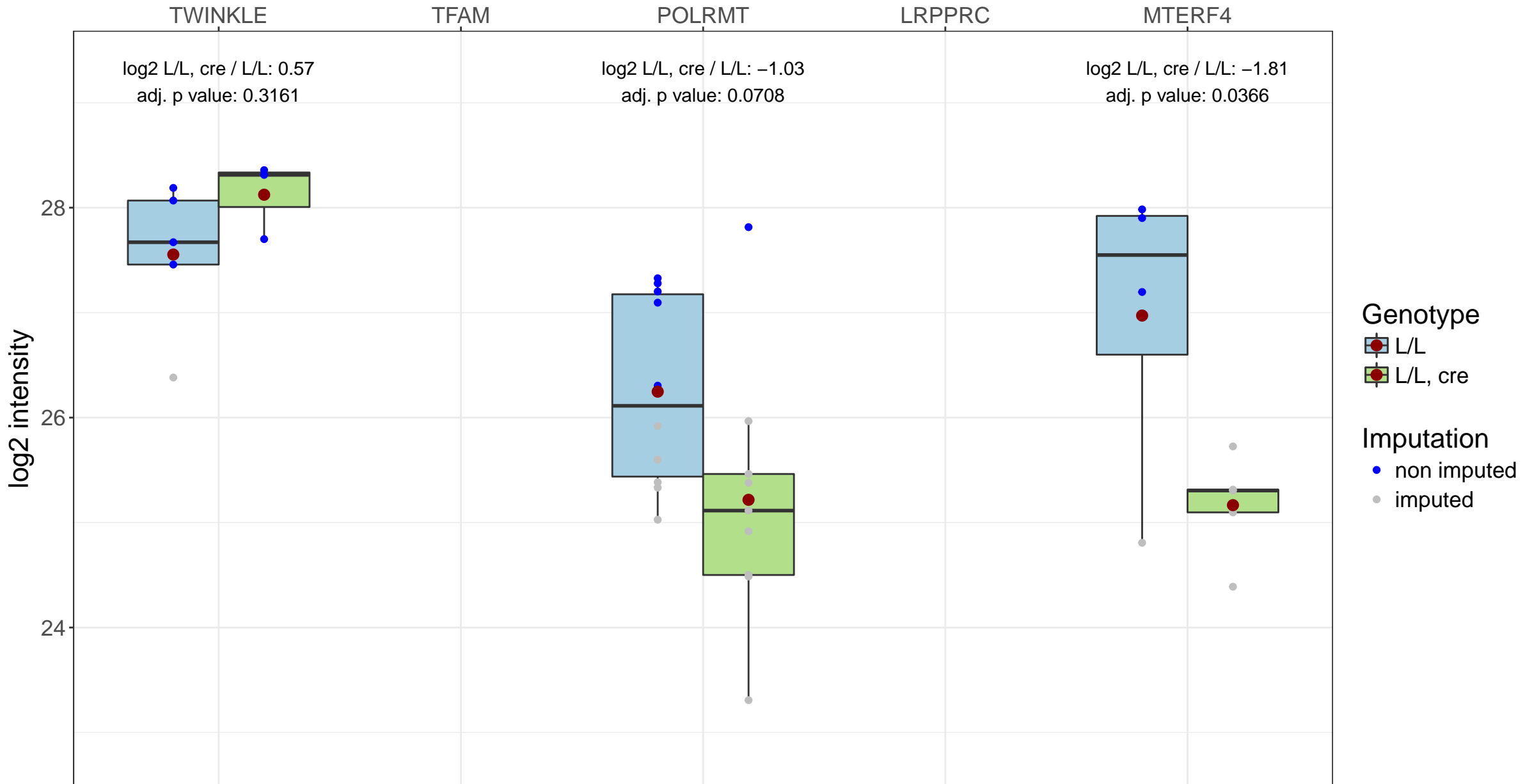




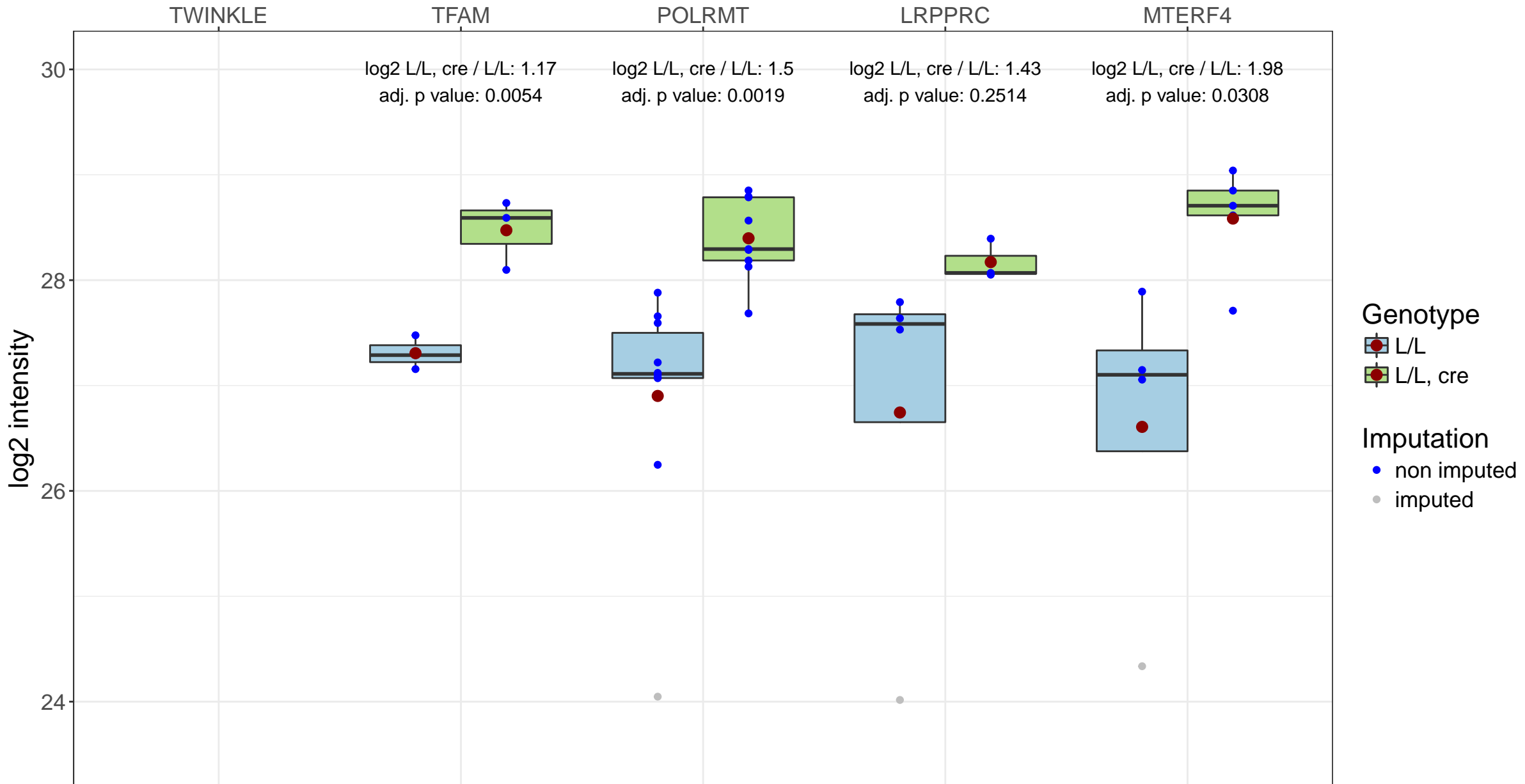
# SLMAP / Q3URD3-3



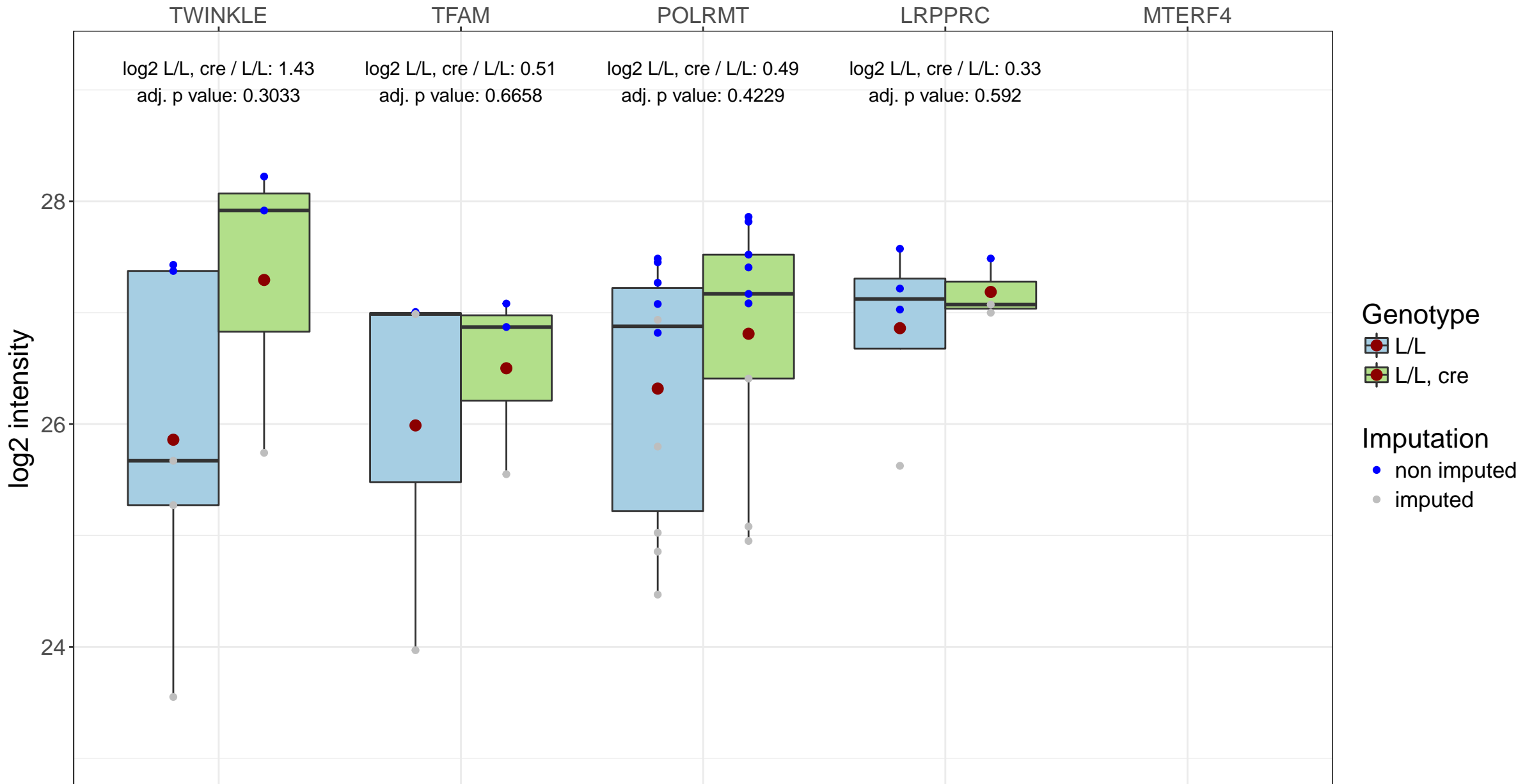
# SMIM20 / D3Z7Q2



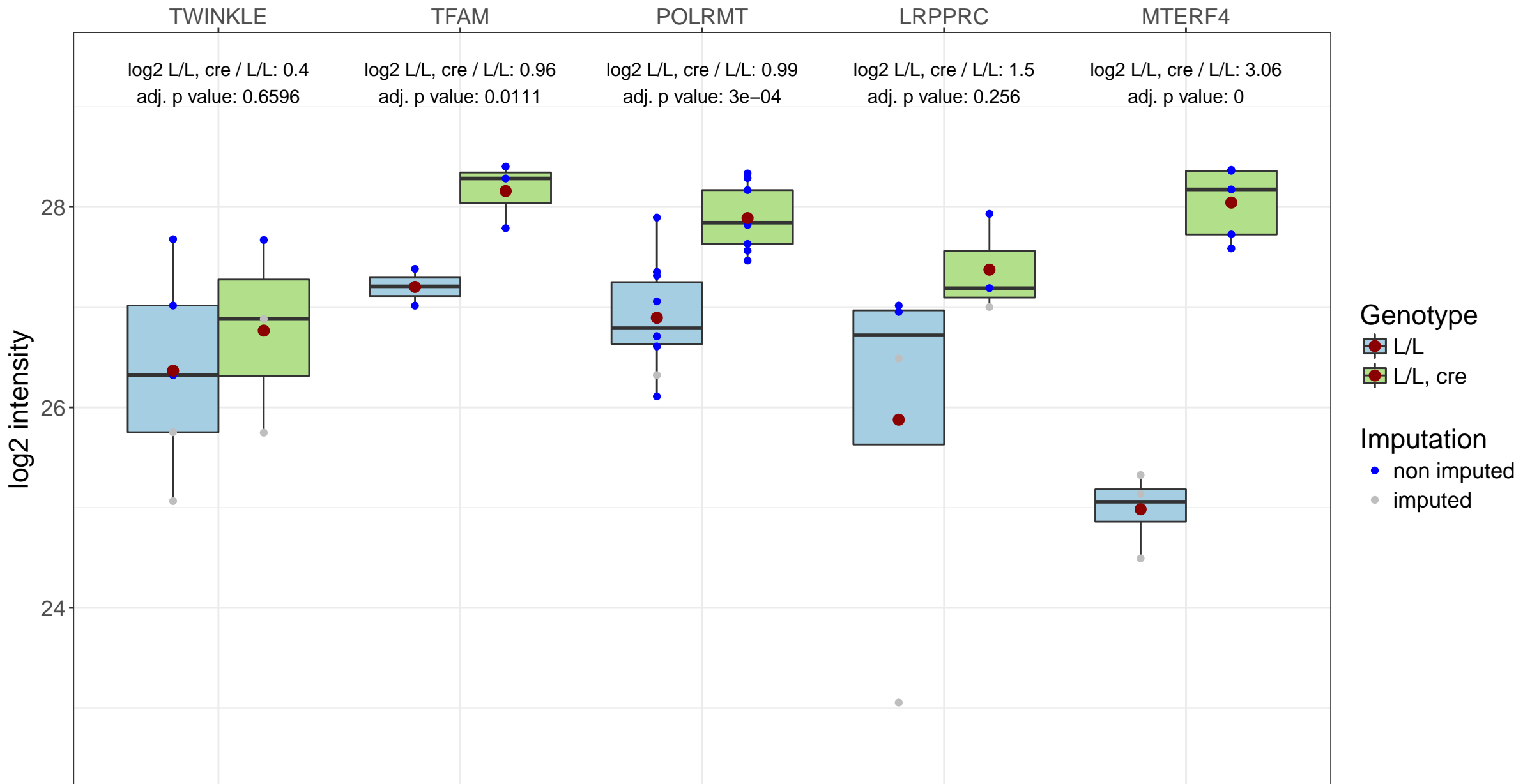
# SMIM4 / Q8C1Q6



# SMIM8 / Q9CQQ0



# SMPX / Q9DC77



# SND1 / Q78PY7

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log2 L/L, cre / L/L: 0.11  
adj. p value: 0.7805

log2 intensity

27

26

25

24

Genotype

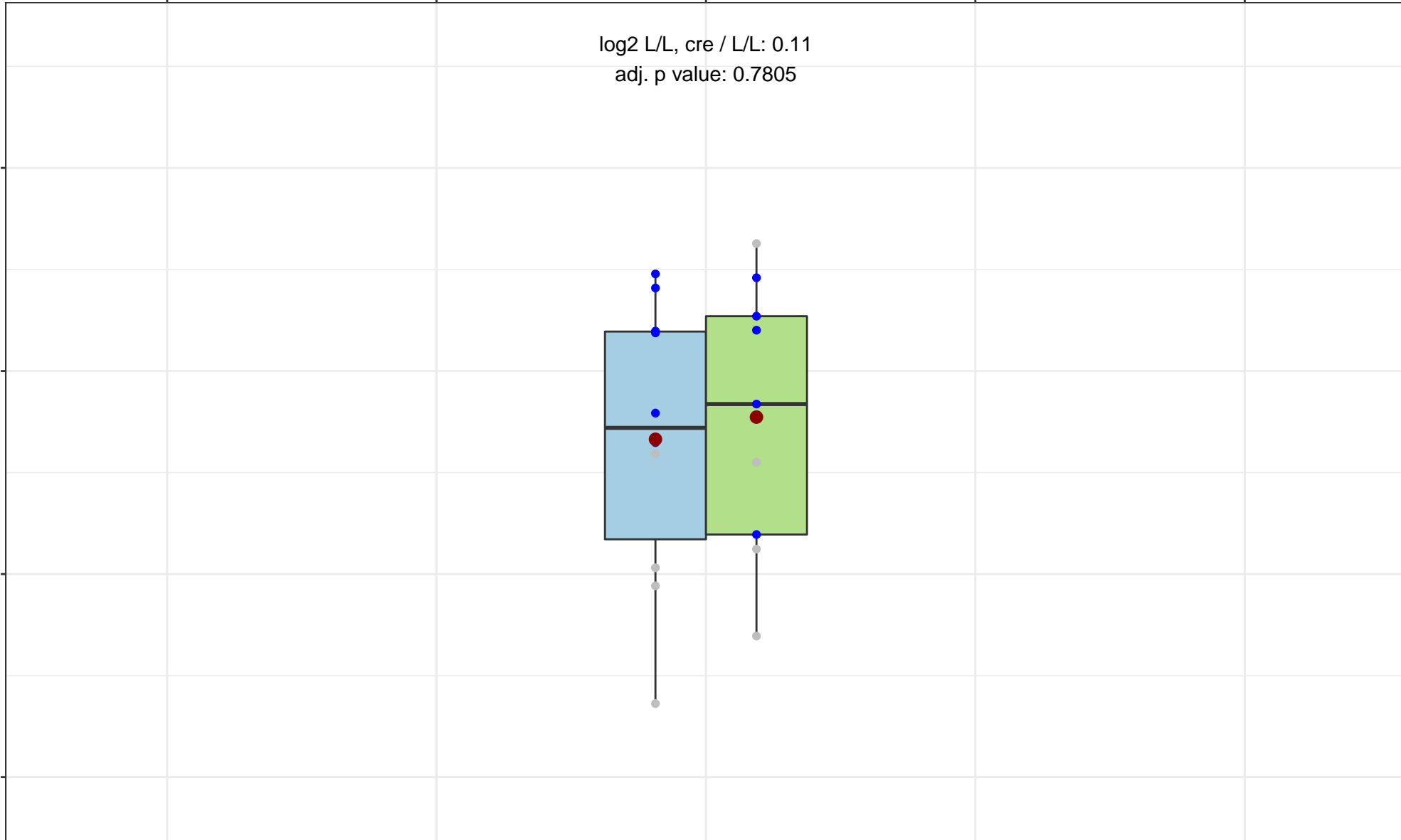
L/L

L/L, cre

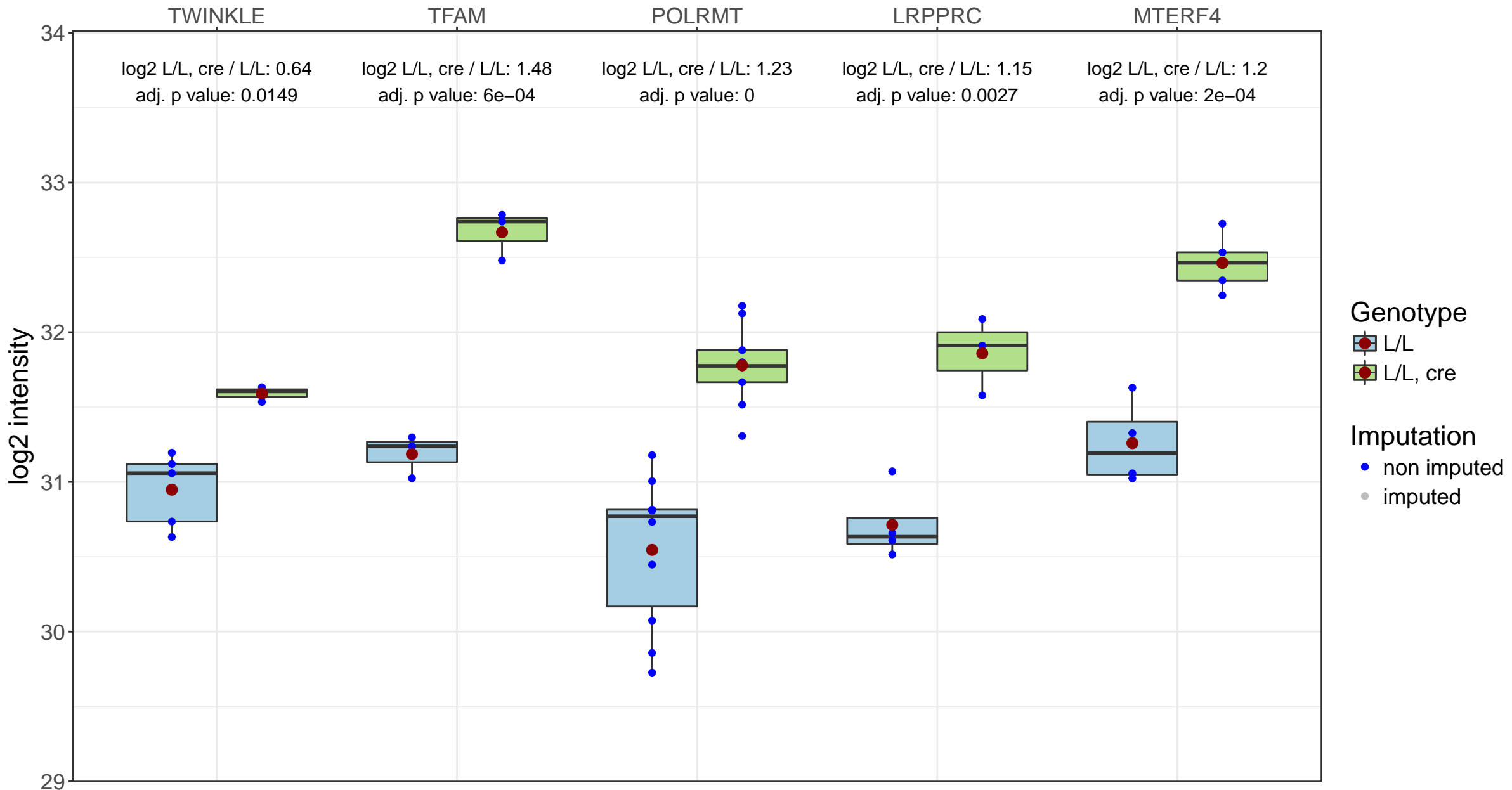
Imputation

non imputed

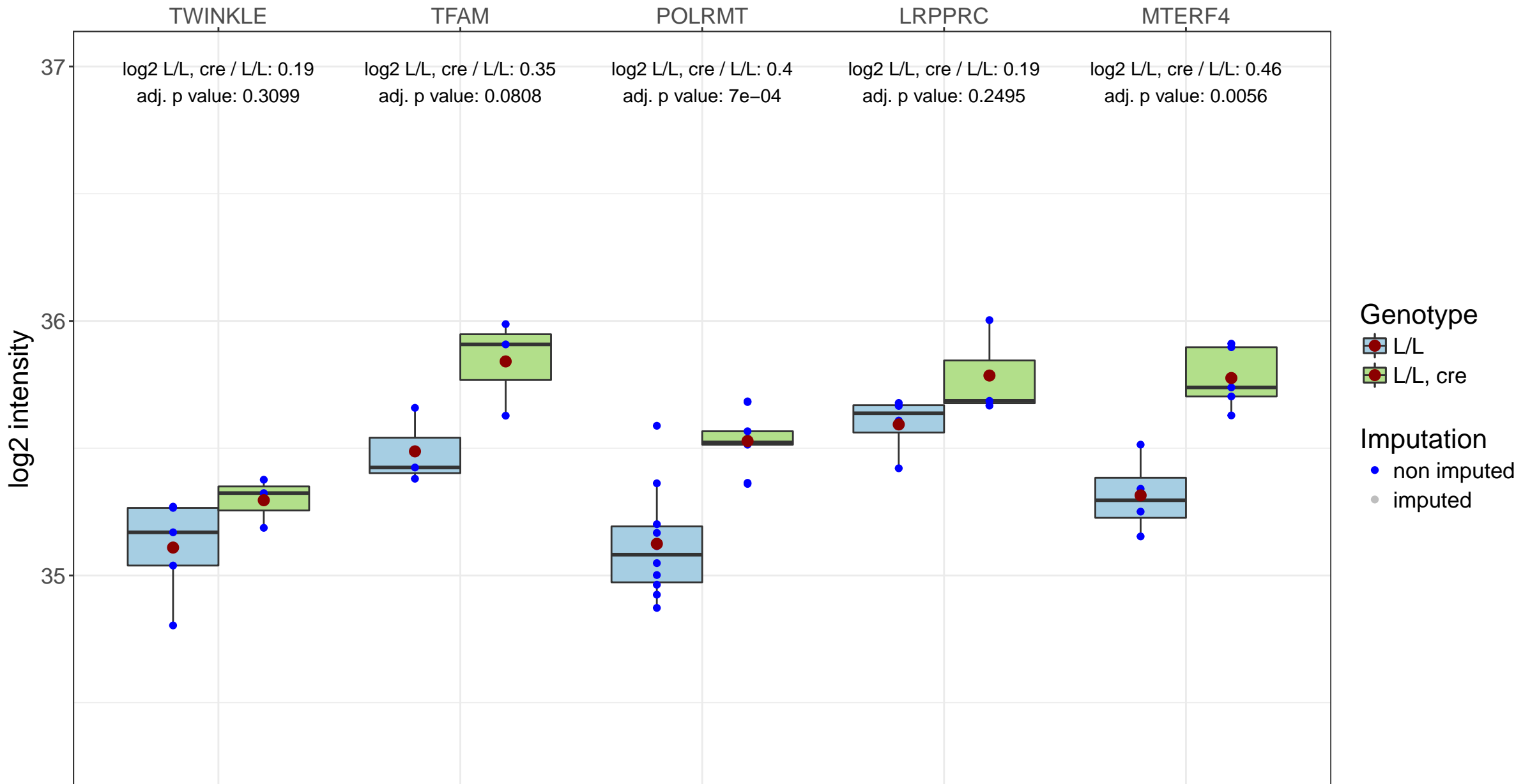
imputed



# SOD1 / P08228

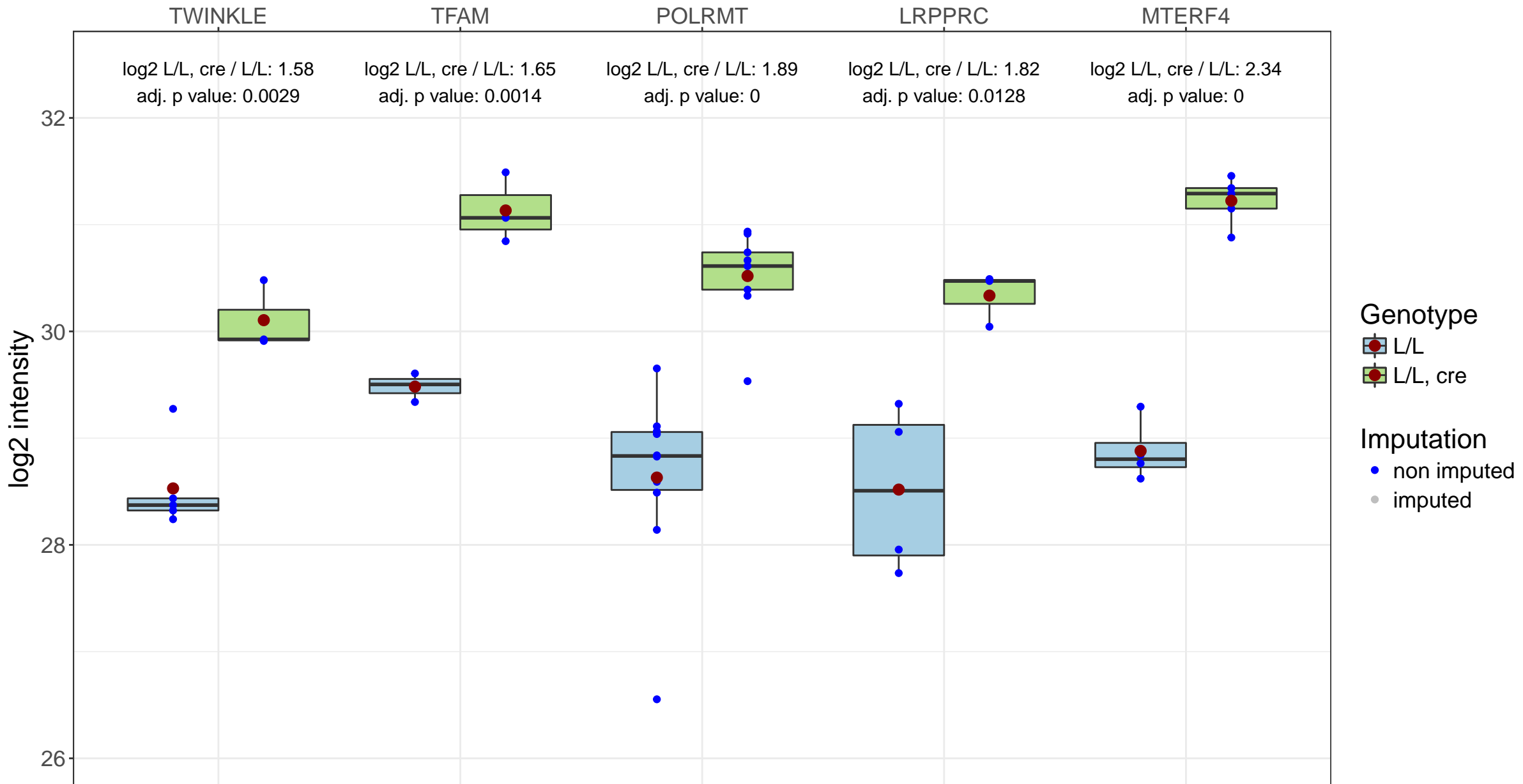


# SOD2 / P09671

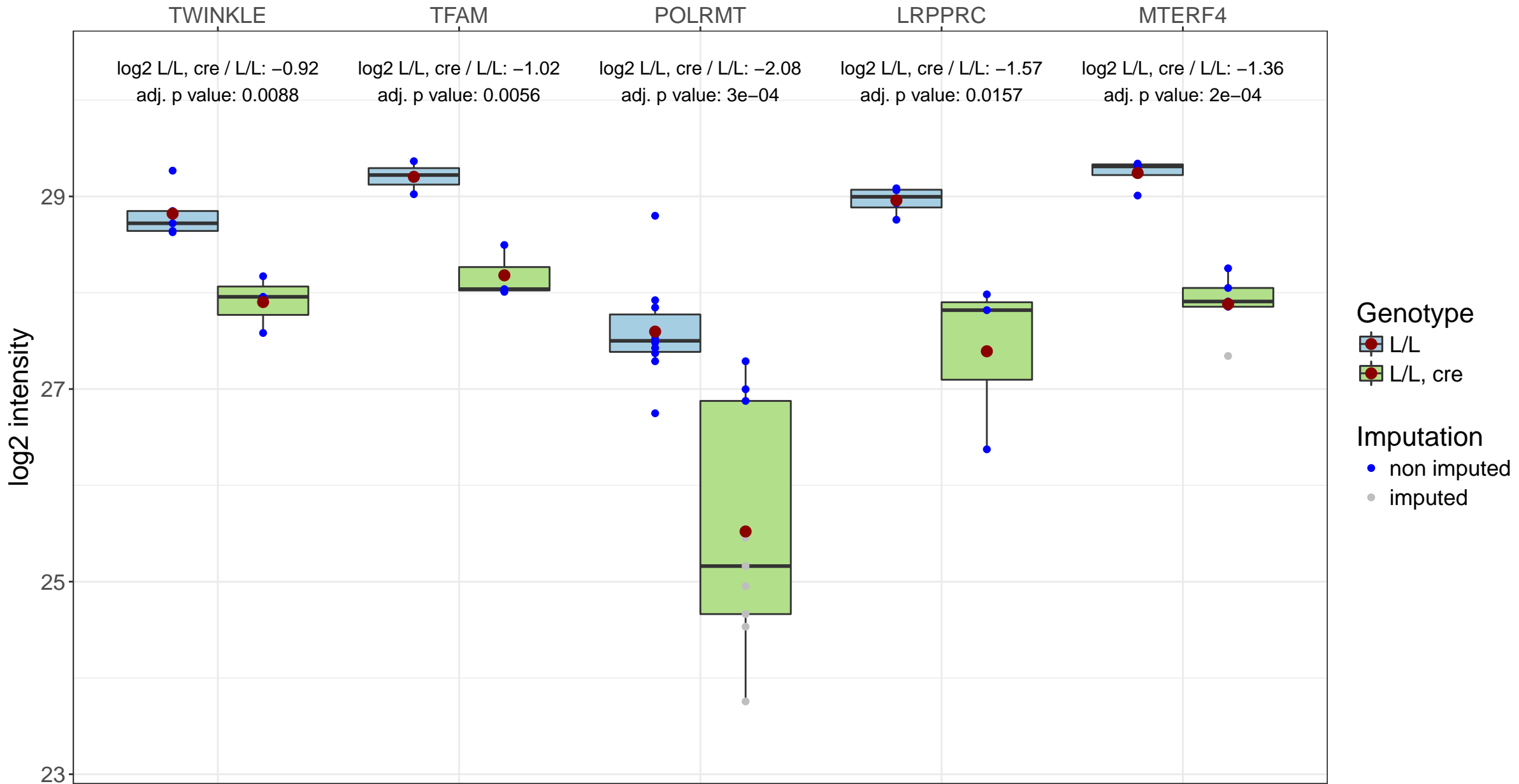




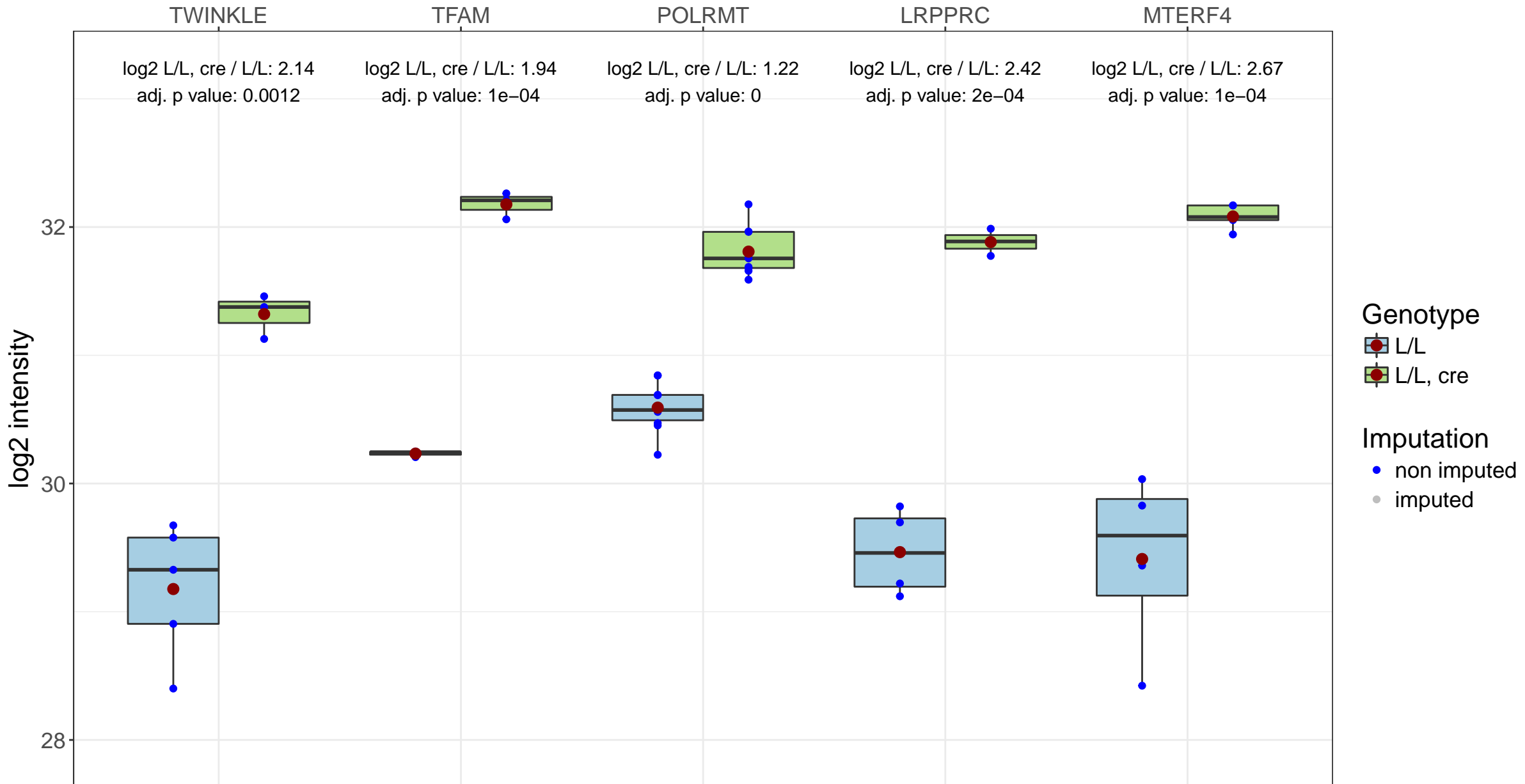
# SPG7 / D3YZN4



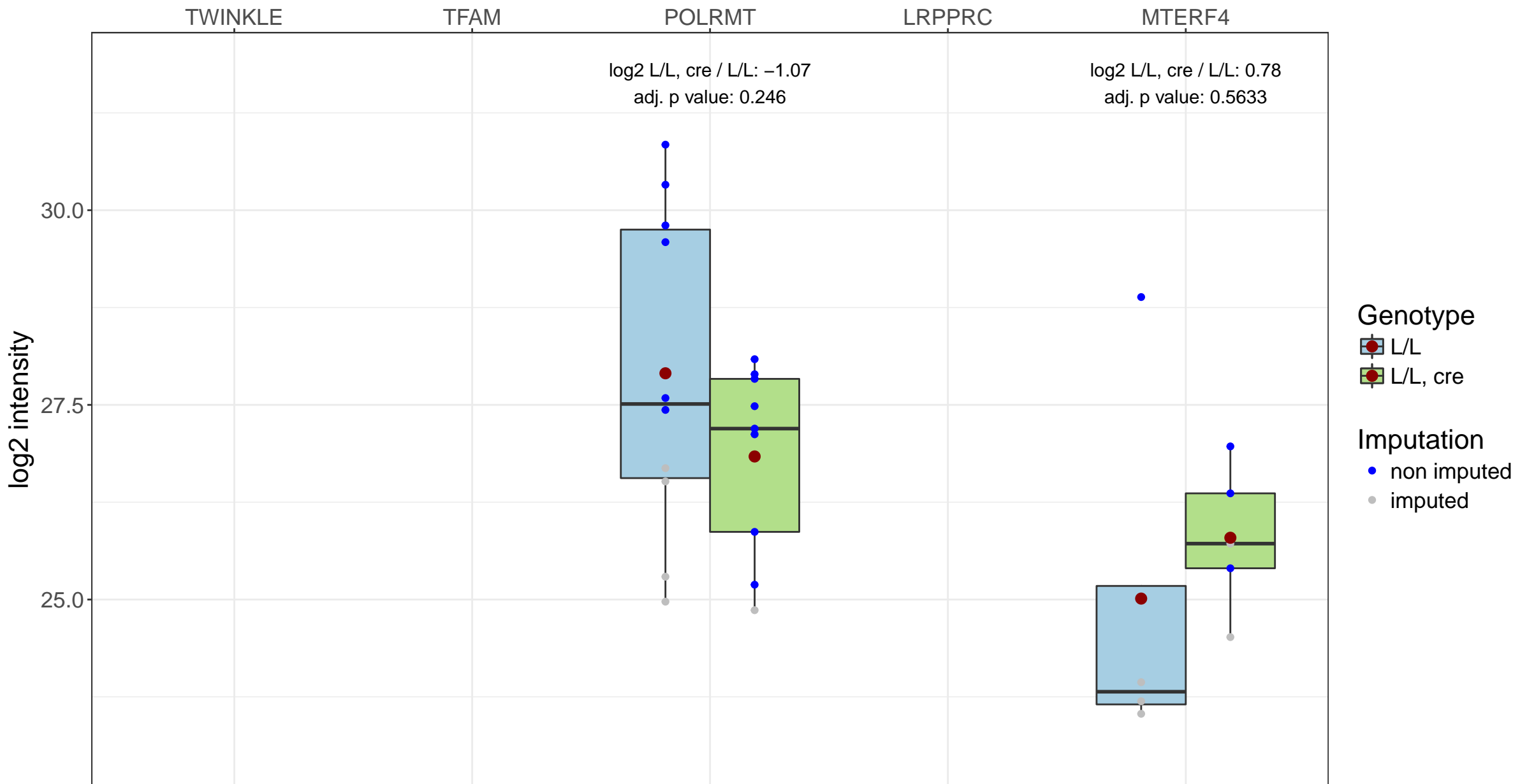
# SPR / Q91XH5



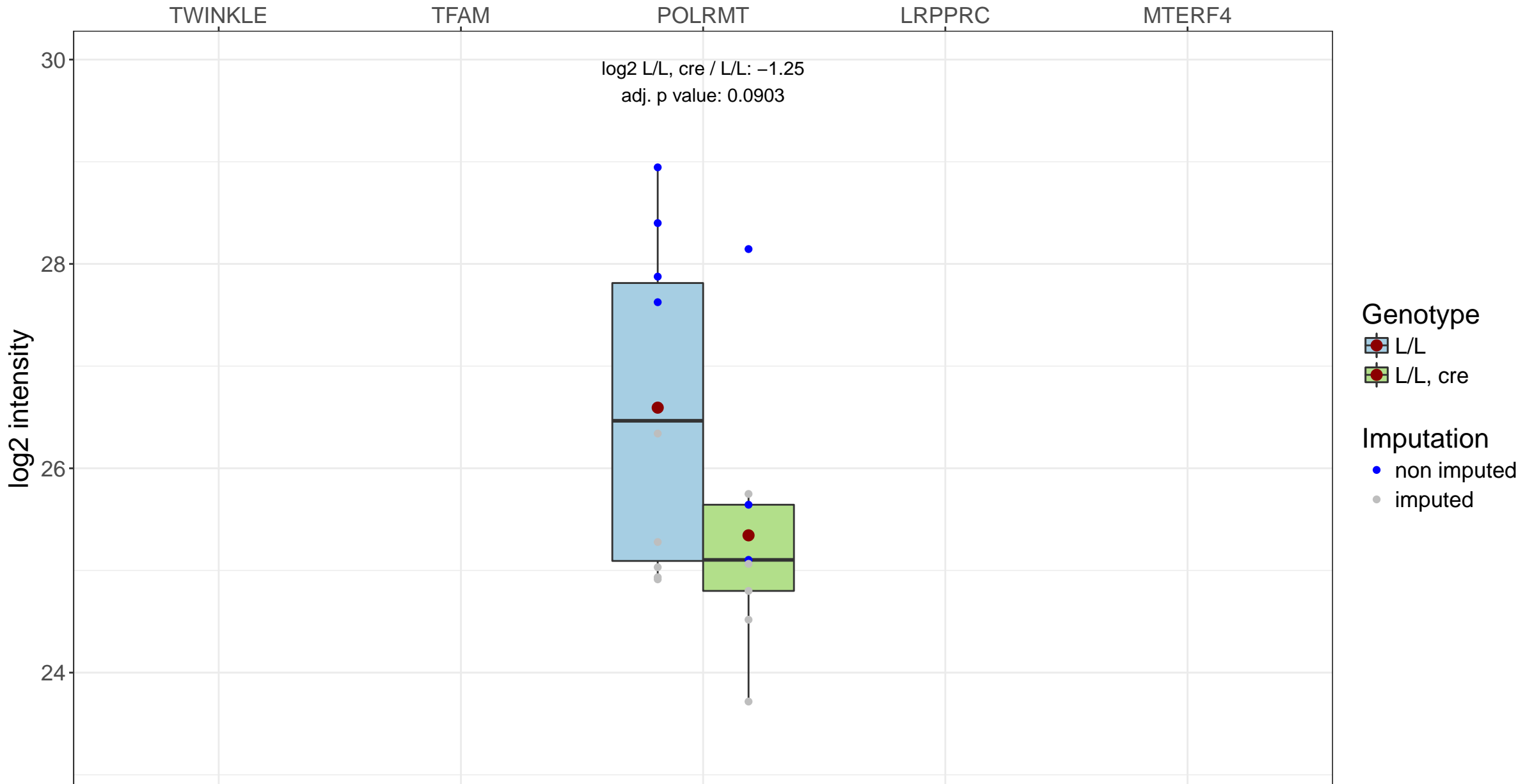
# SPRYD4 / Q91WK1



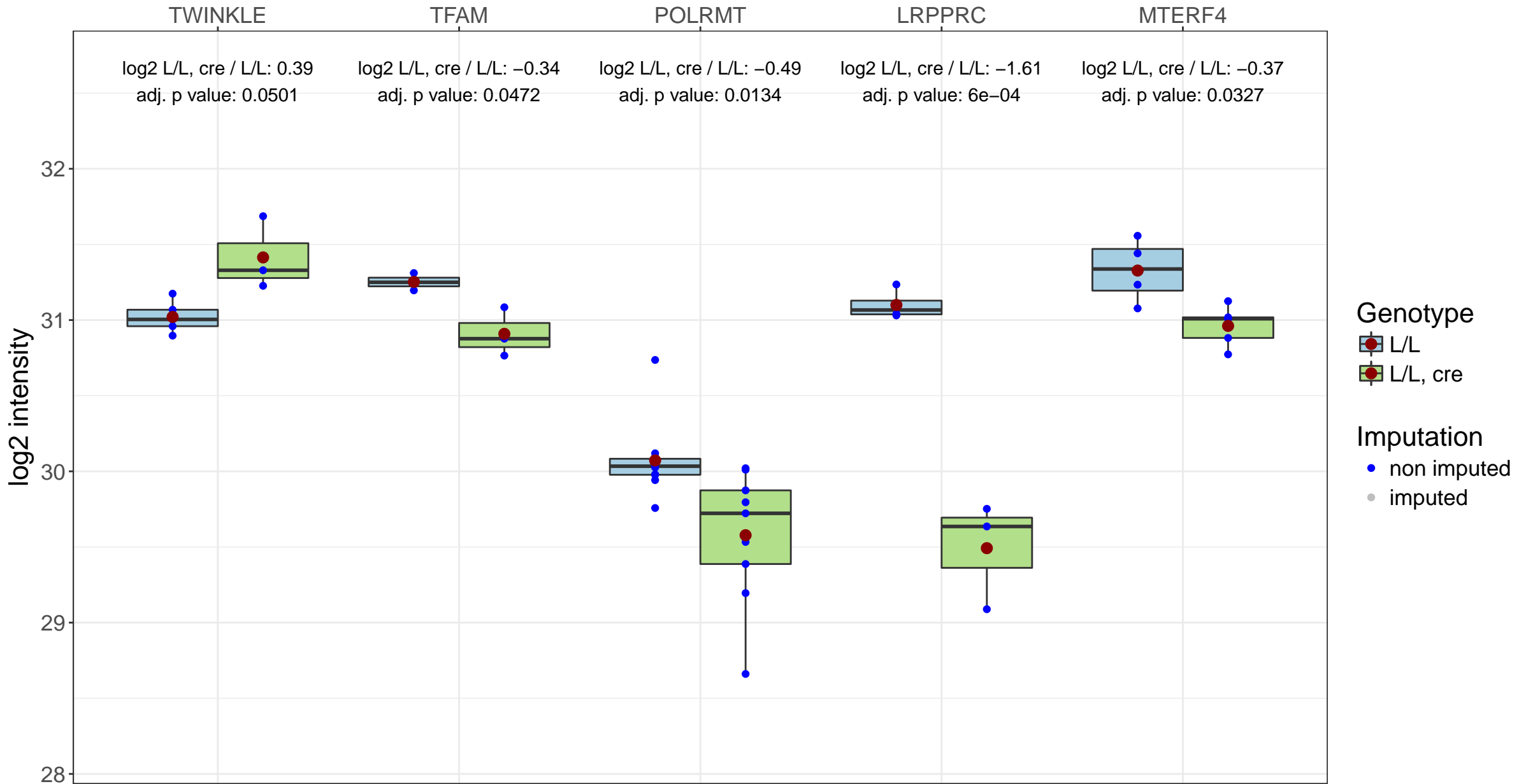
# SPTAN1 / A3KGU7



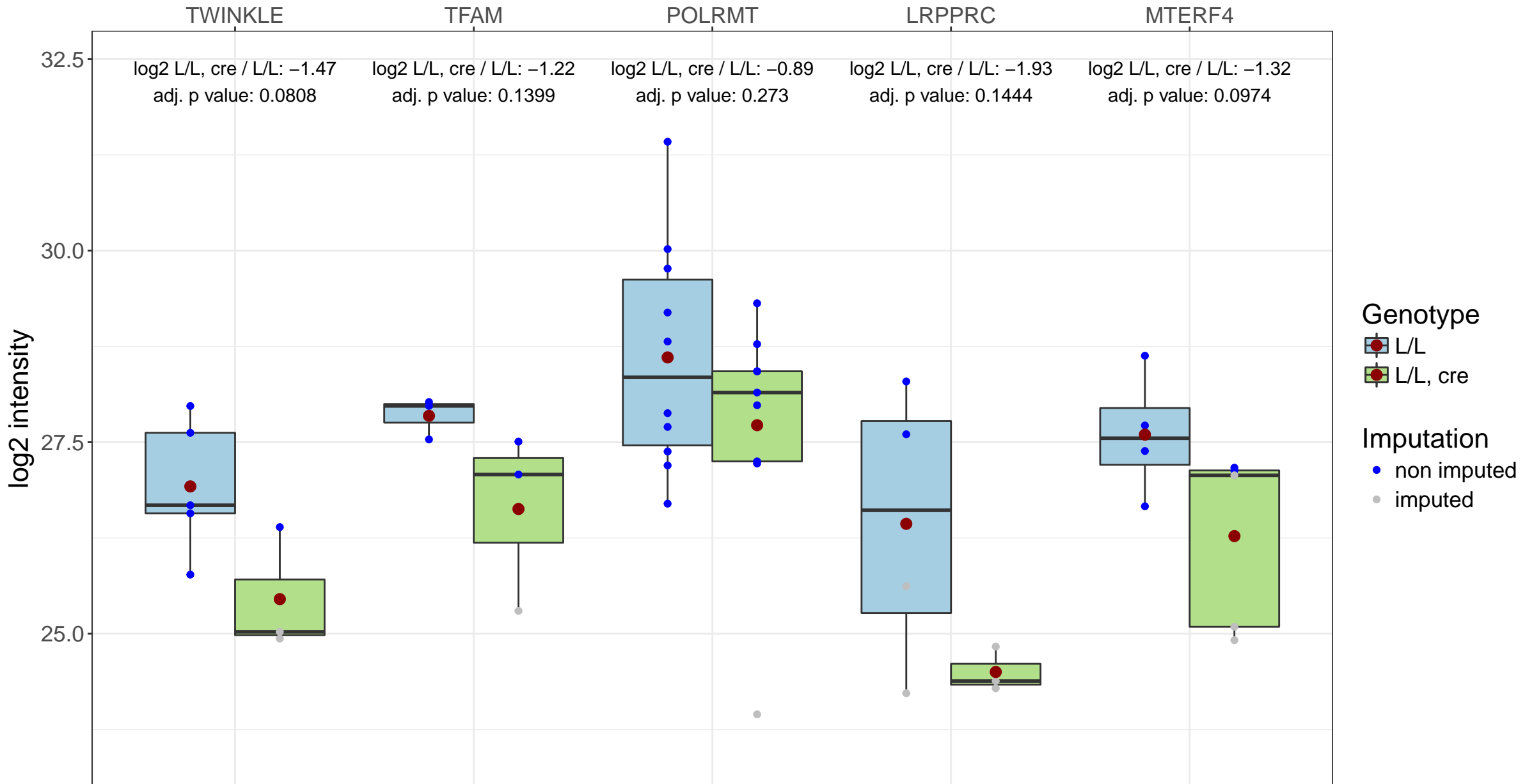
# SPTBN1 / Q62261



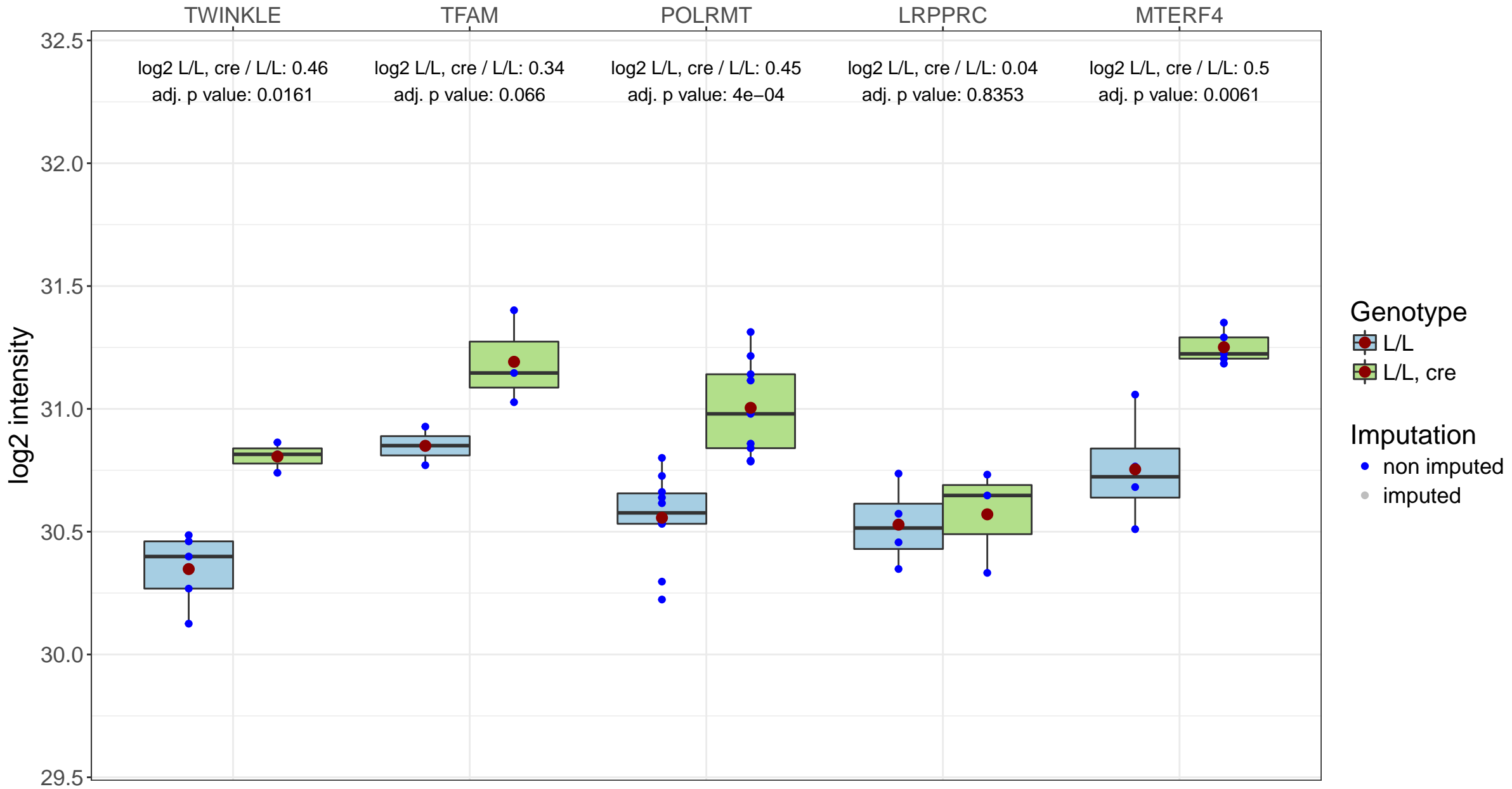
# SQRDL / Q9R112



# SRL / Q7TQ48

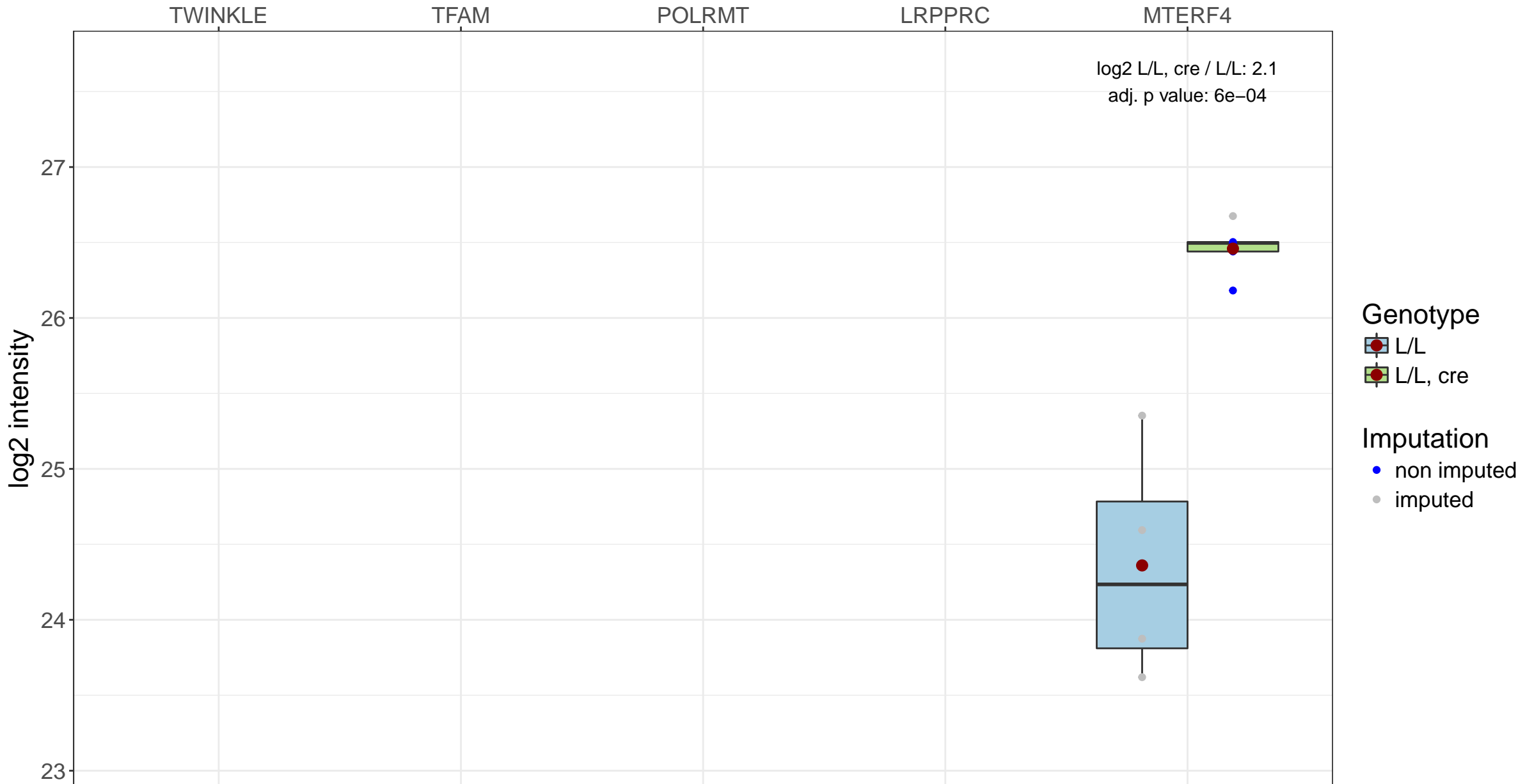


# SSBP1 / Q8R2K3

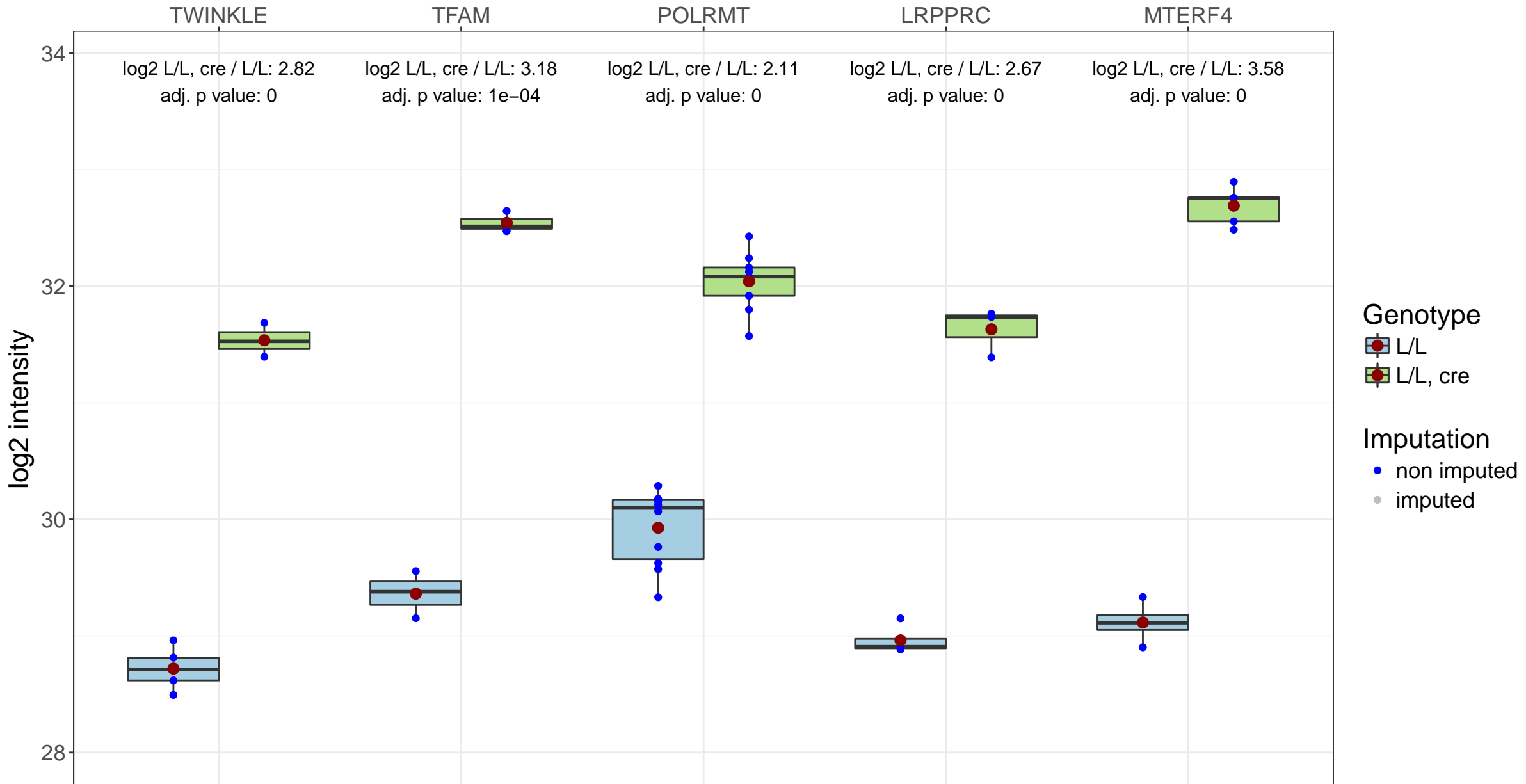




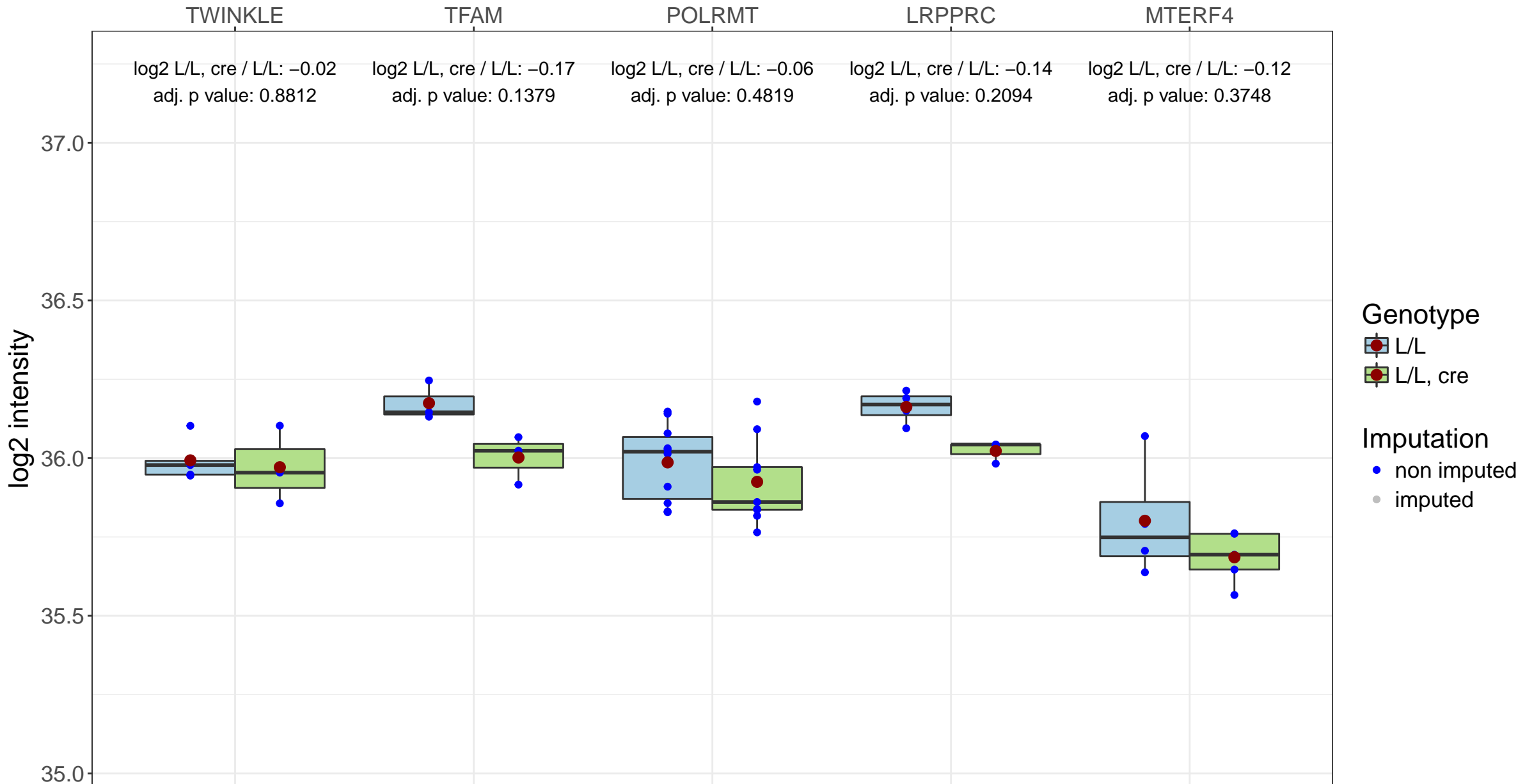
# STARD7 / Q8R1R3



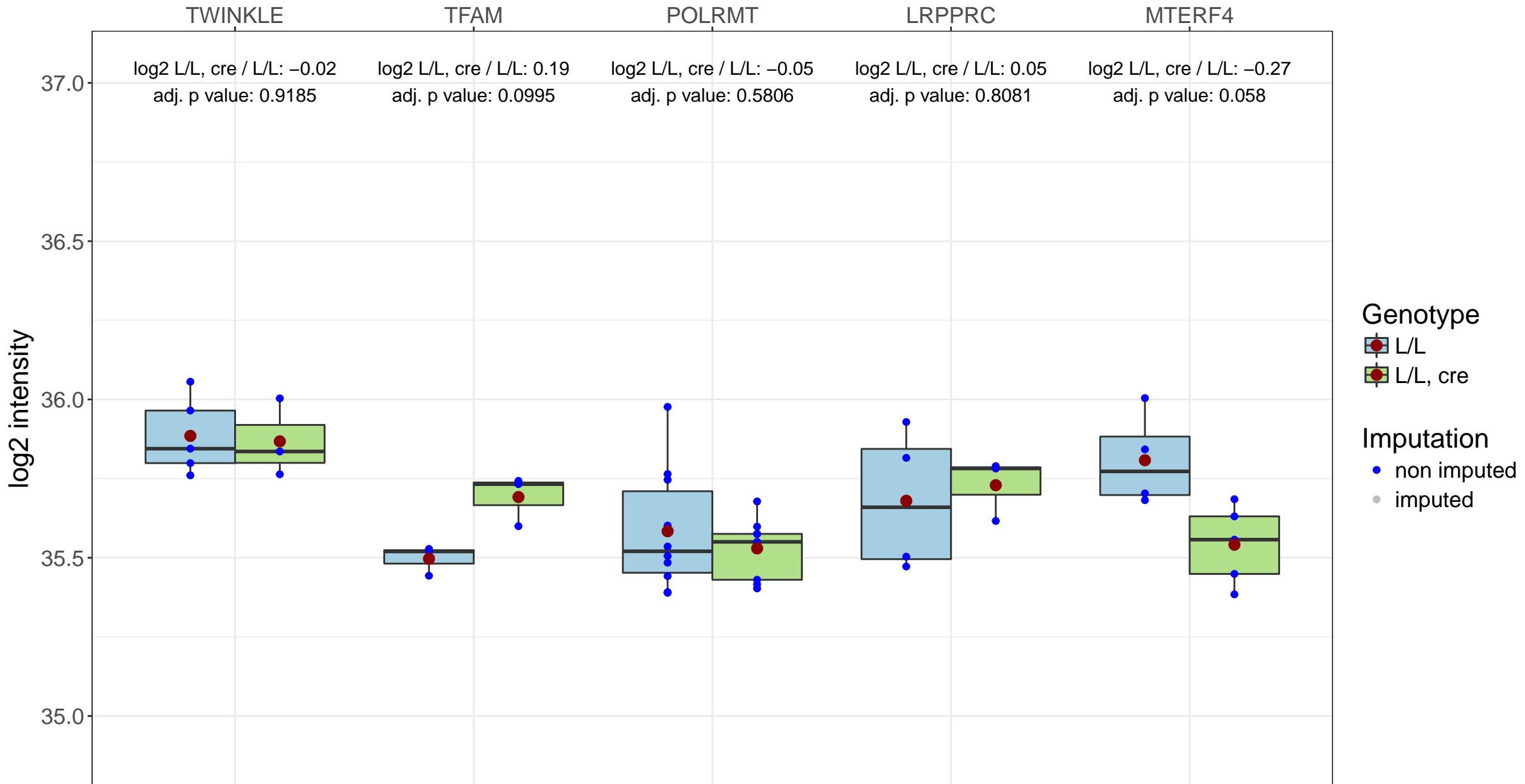
# STOML2 / Q99JB2



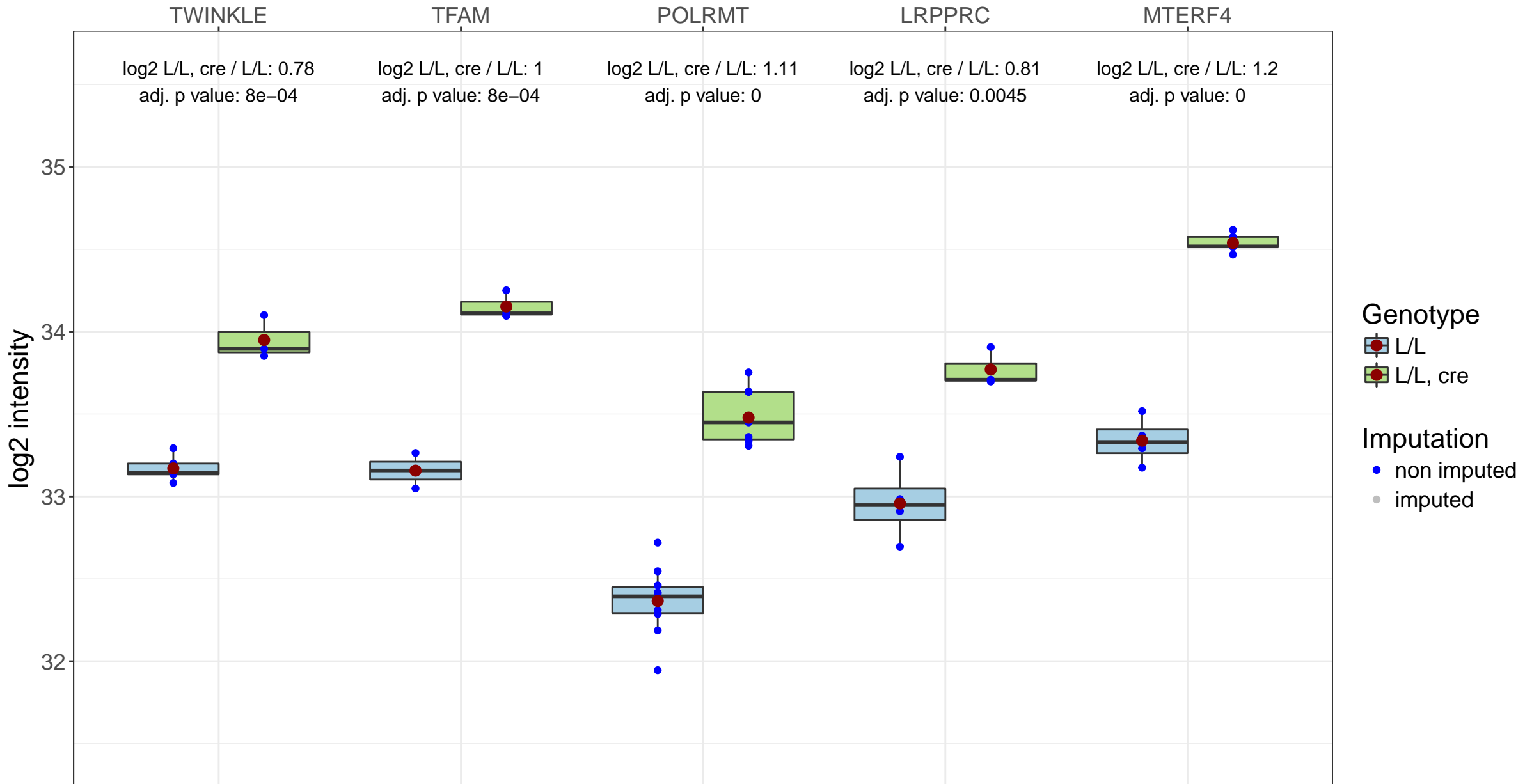
# SUCLA2 / Q9Z2I9



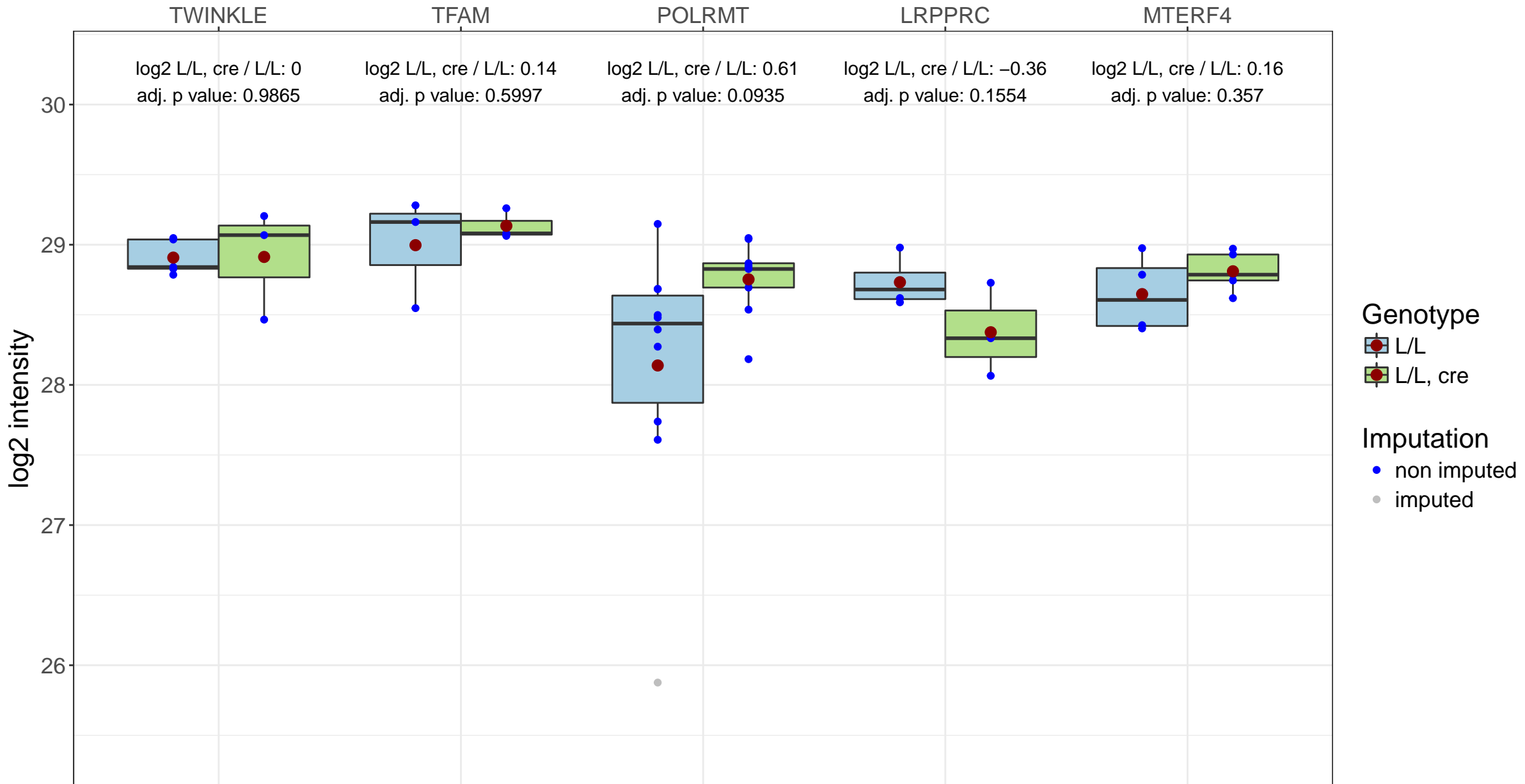
# SUCLG1 / Q9WUM5



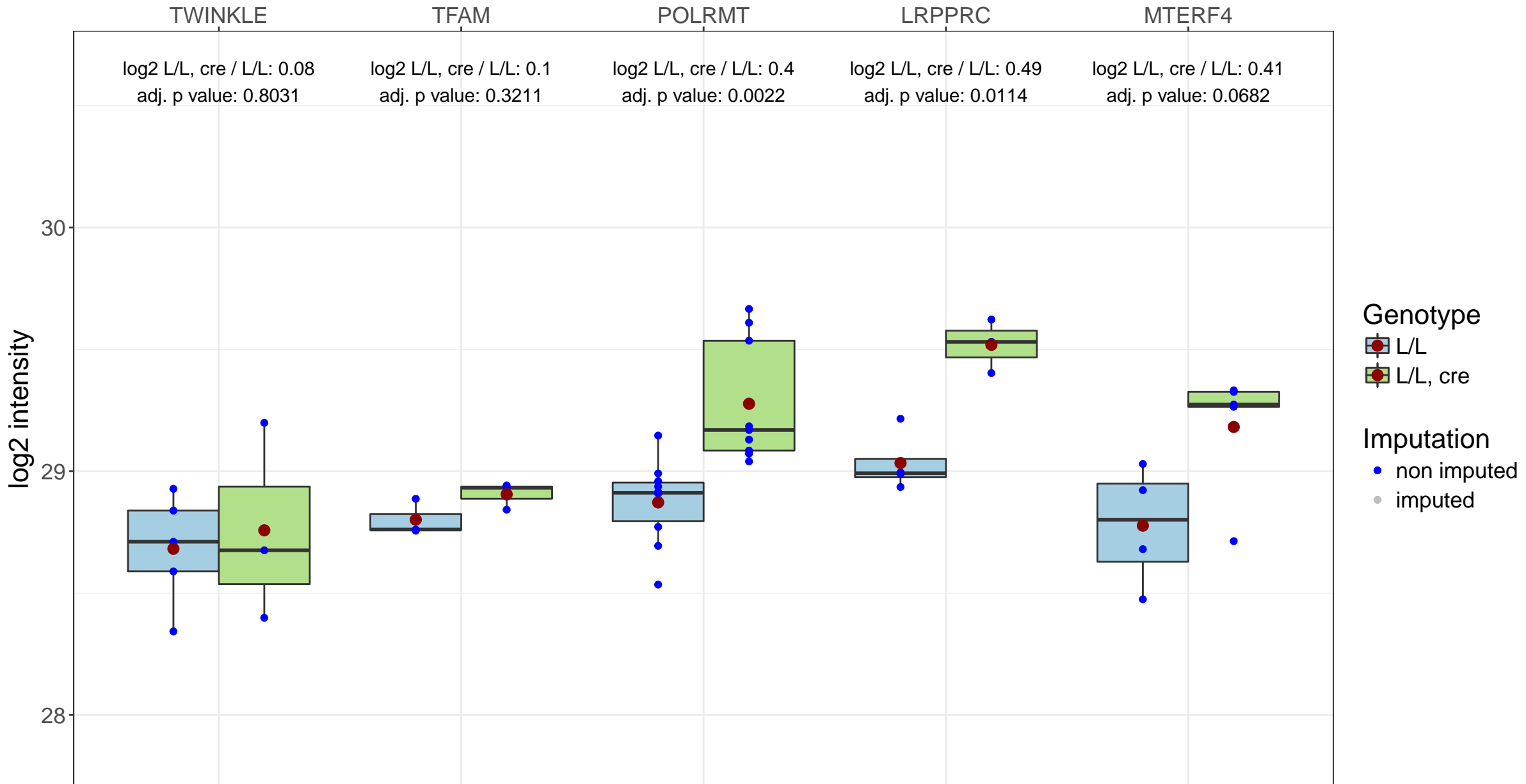
# SUCLG2 / Q9Z2I8



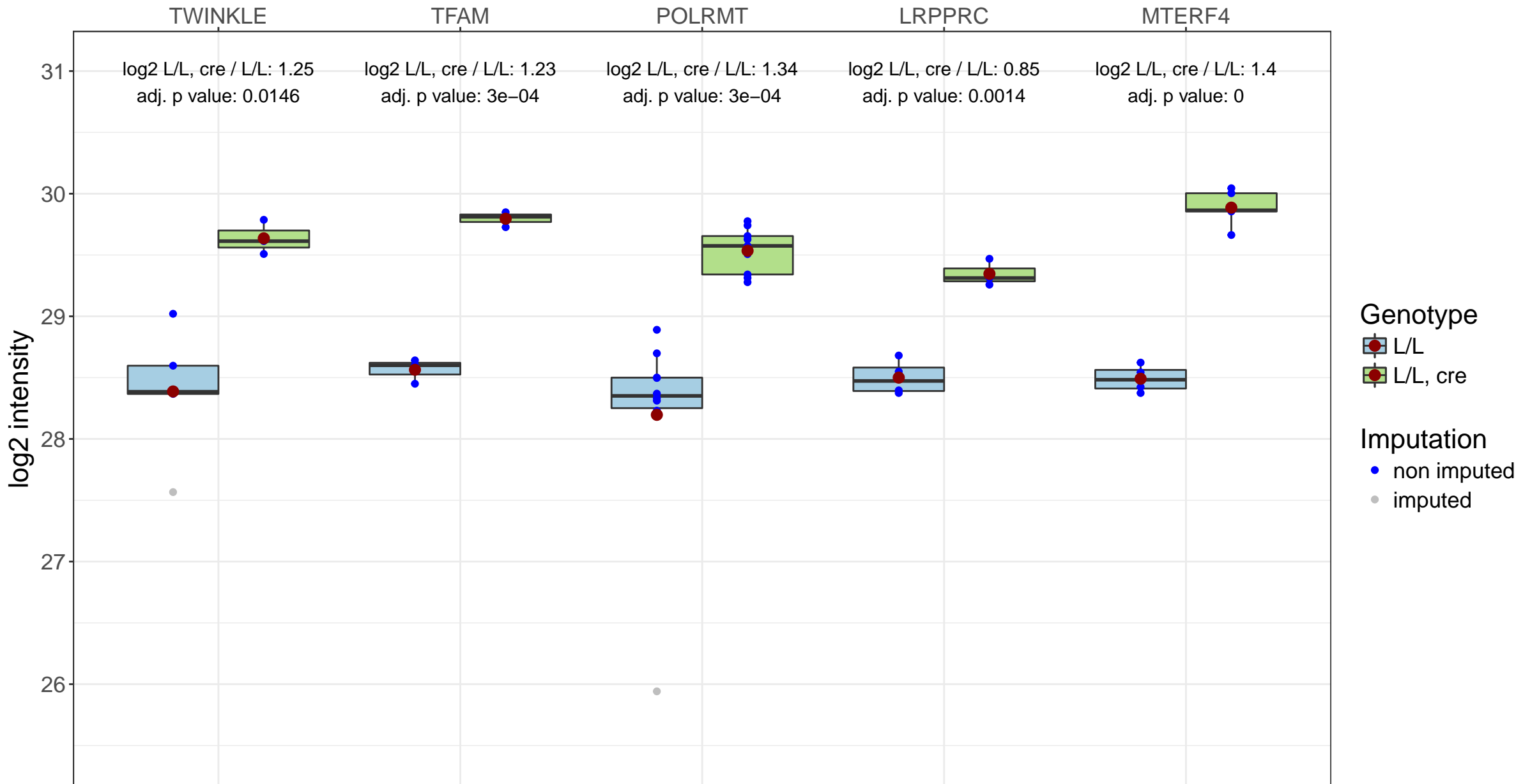
# SUOX / Q8R086



# SUPV3L1 / Q80YD1



# SURF1 / A2ALA6

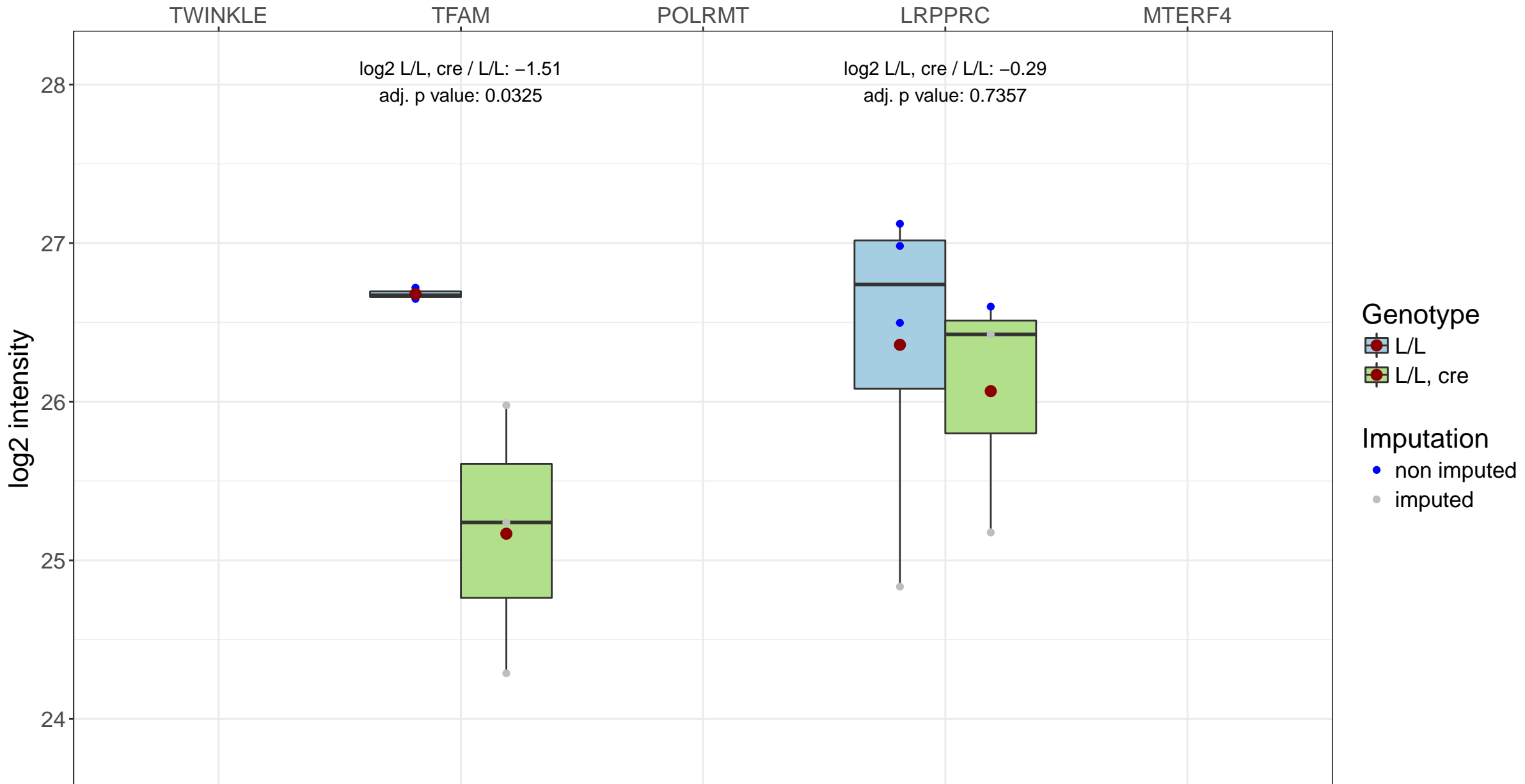




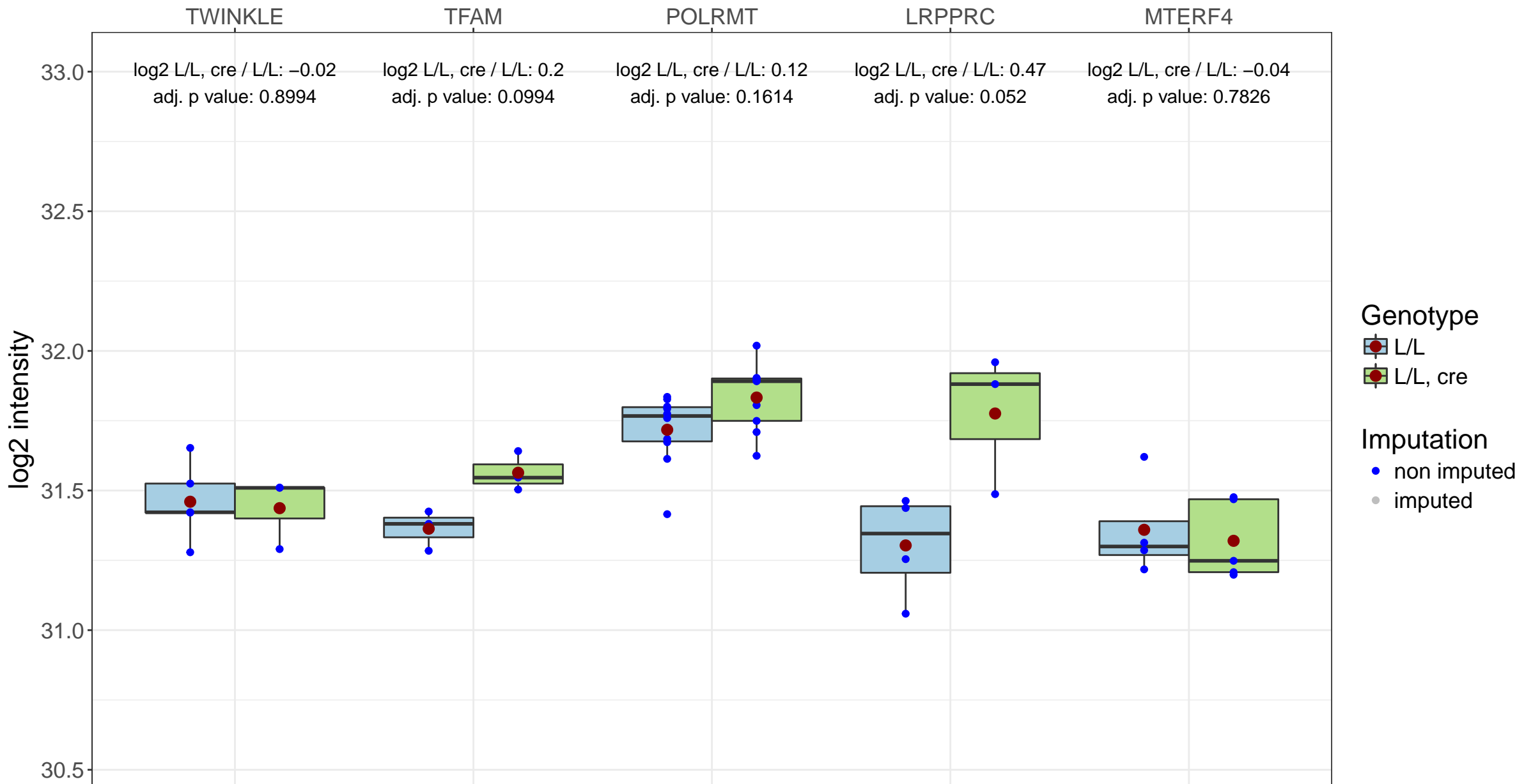
# SYNE1 / Q6ZWR6-4



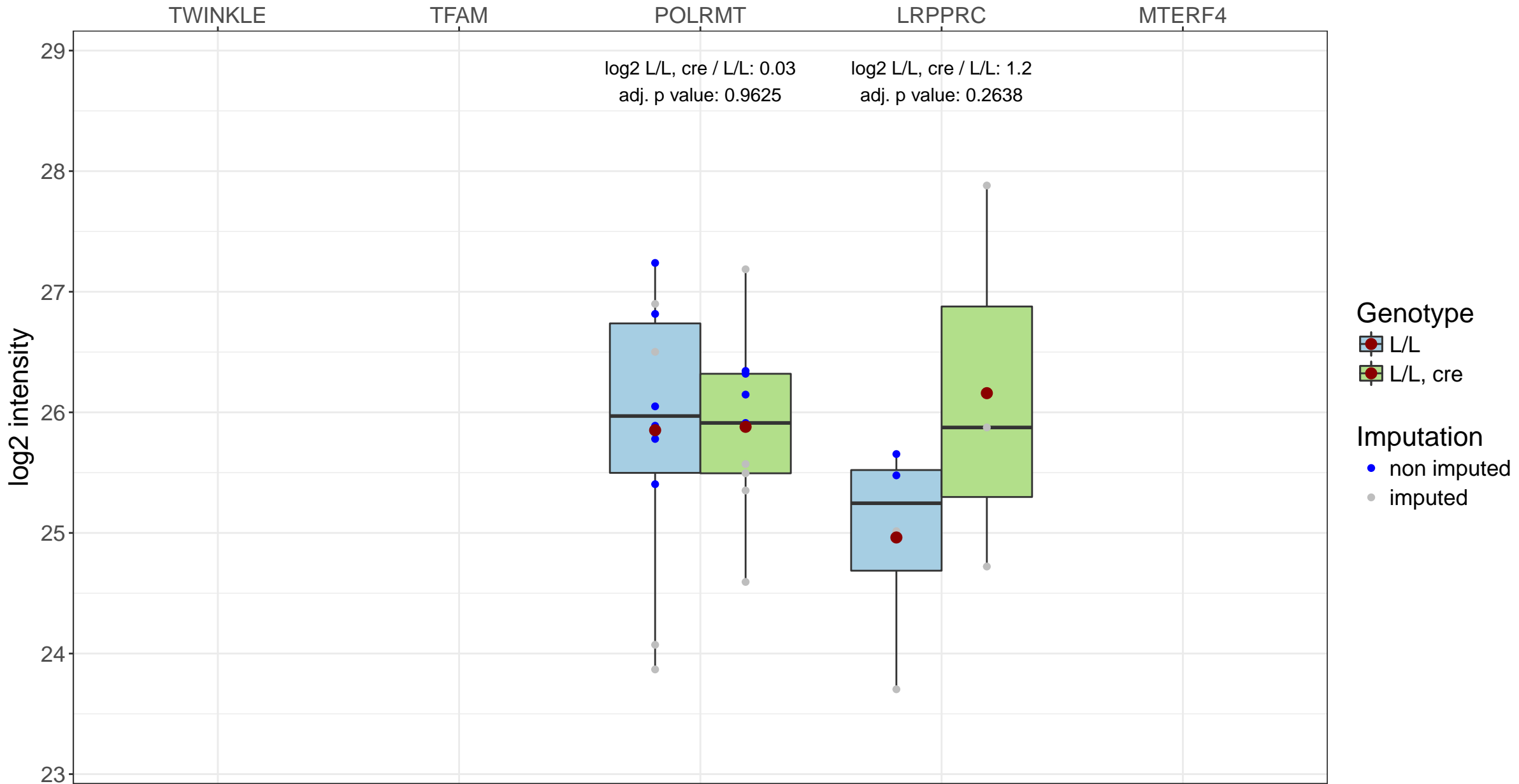
# SYNJ2BP / Q9D6K5



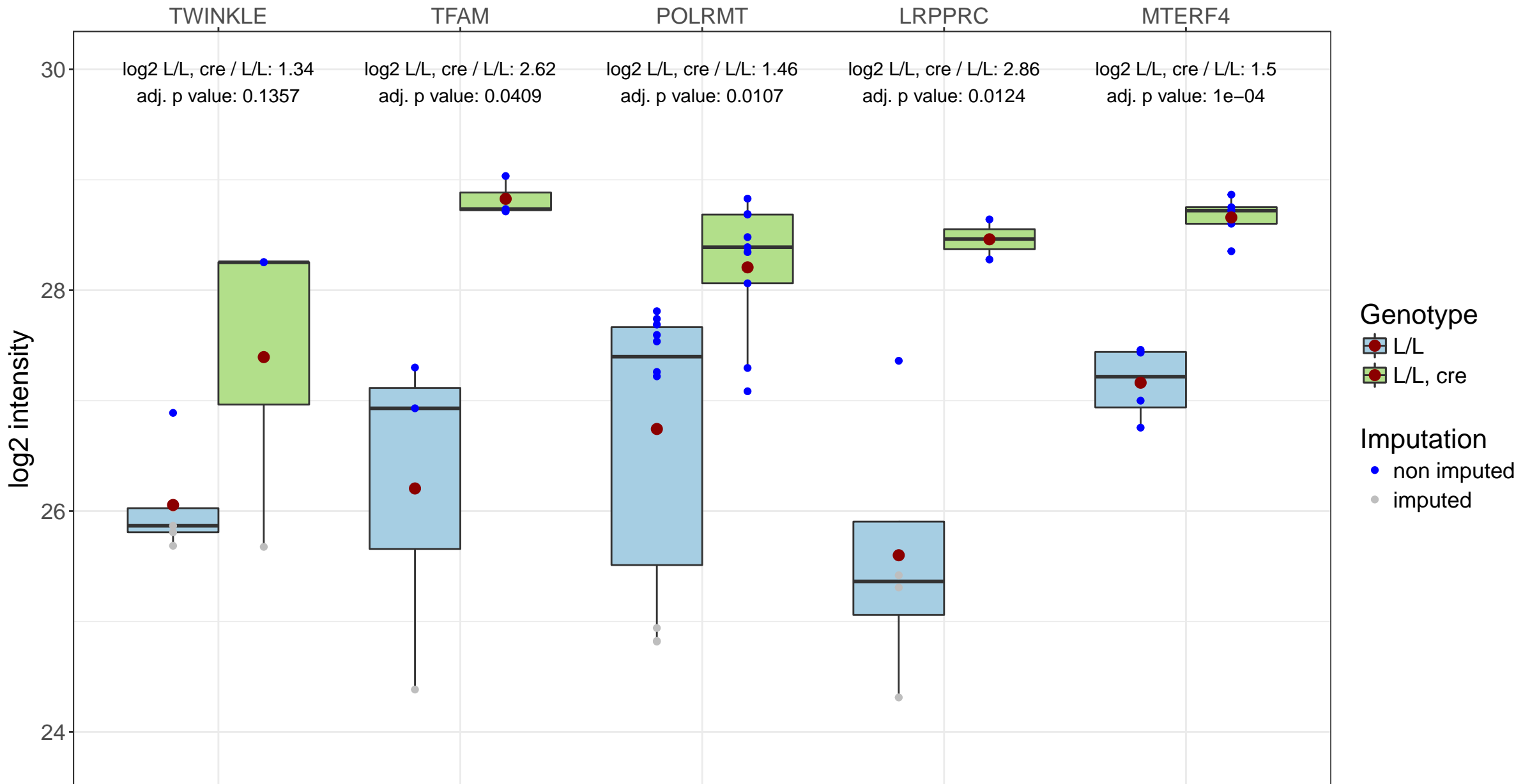
# TACO1 / Q8K0Z7



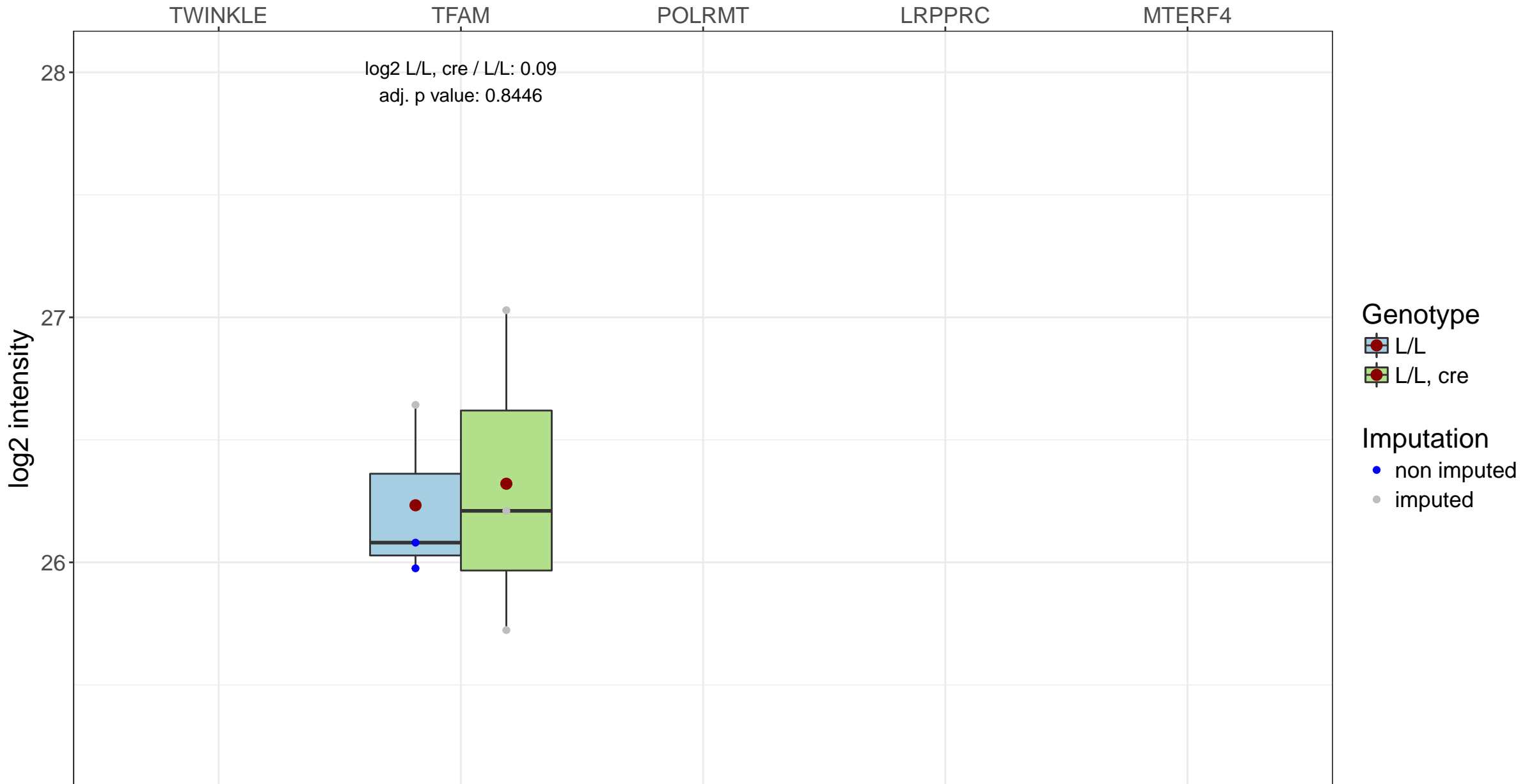
# TAGLN2 / Q9WVA4



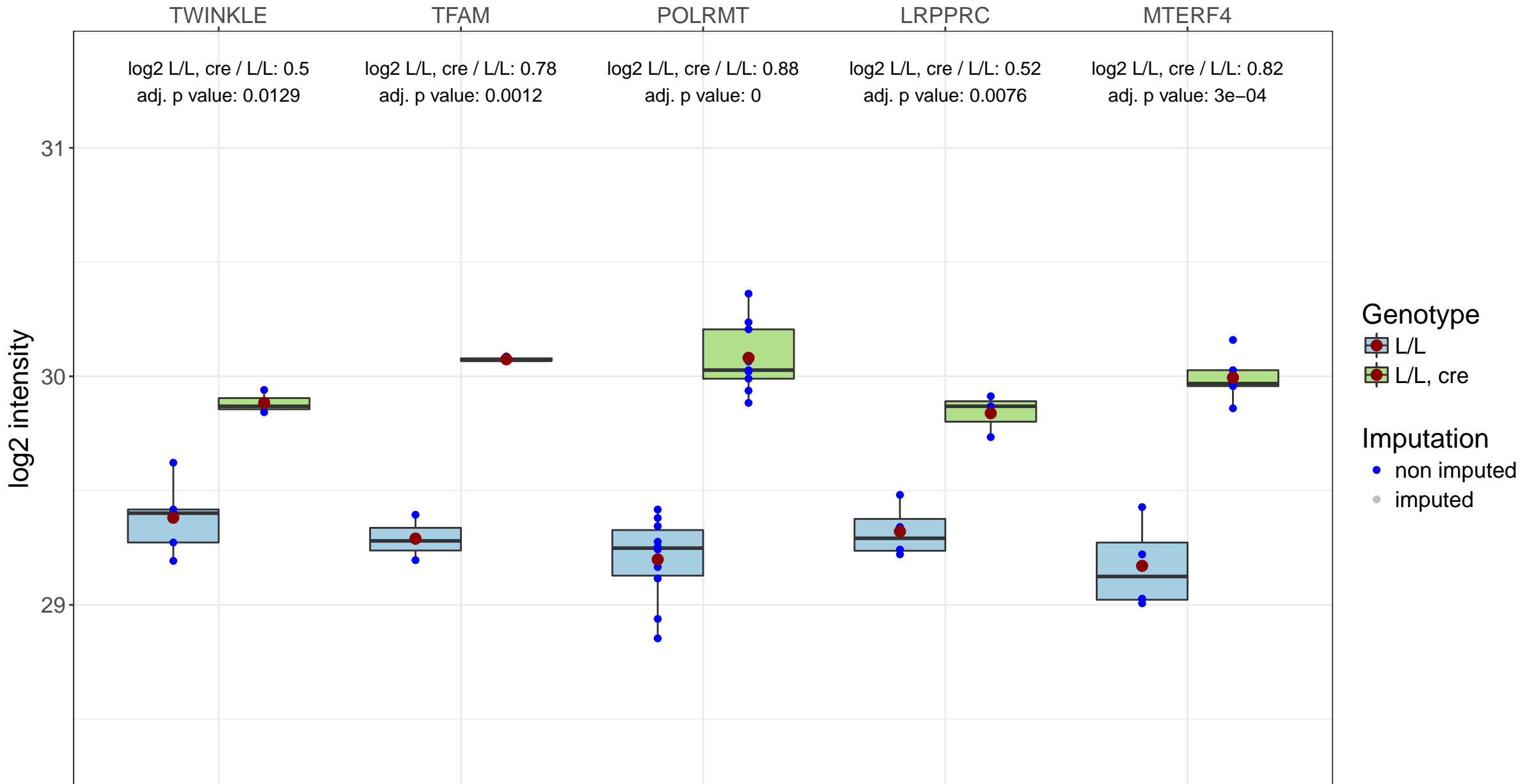
# TAMM41 / G5E881



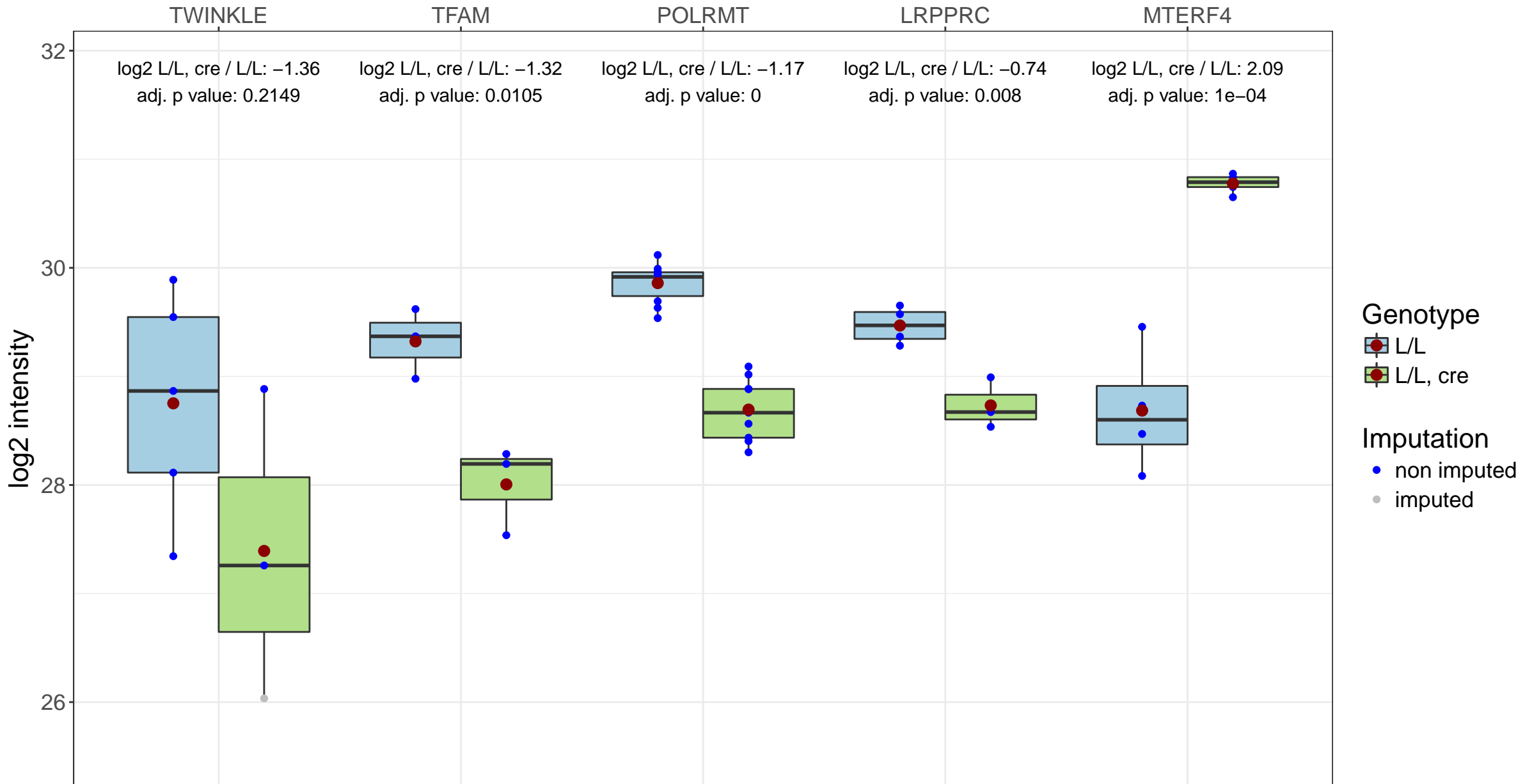
# TANGO2 / Q8BTN3



# TARS2 / Q3UQ84

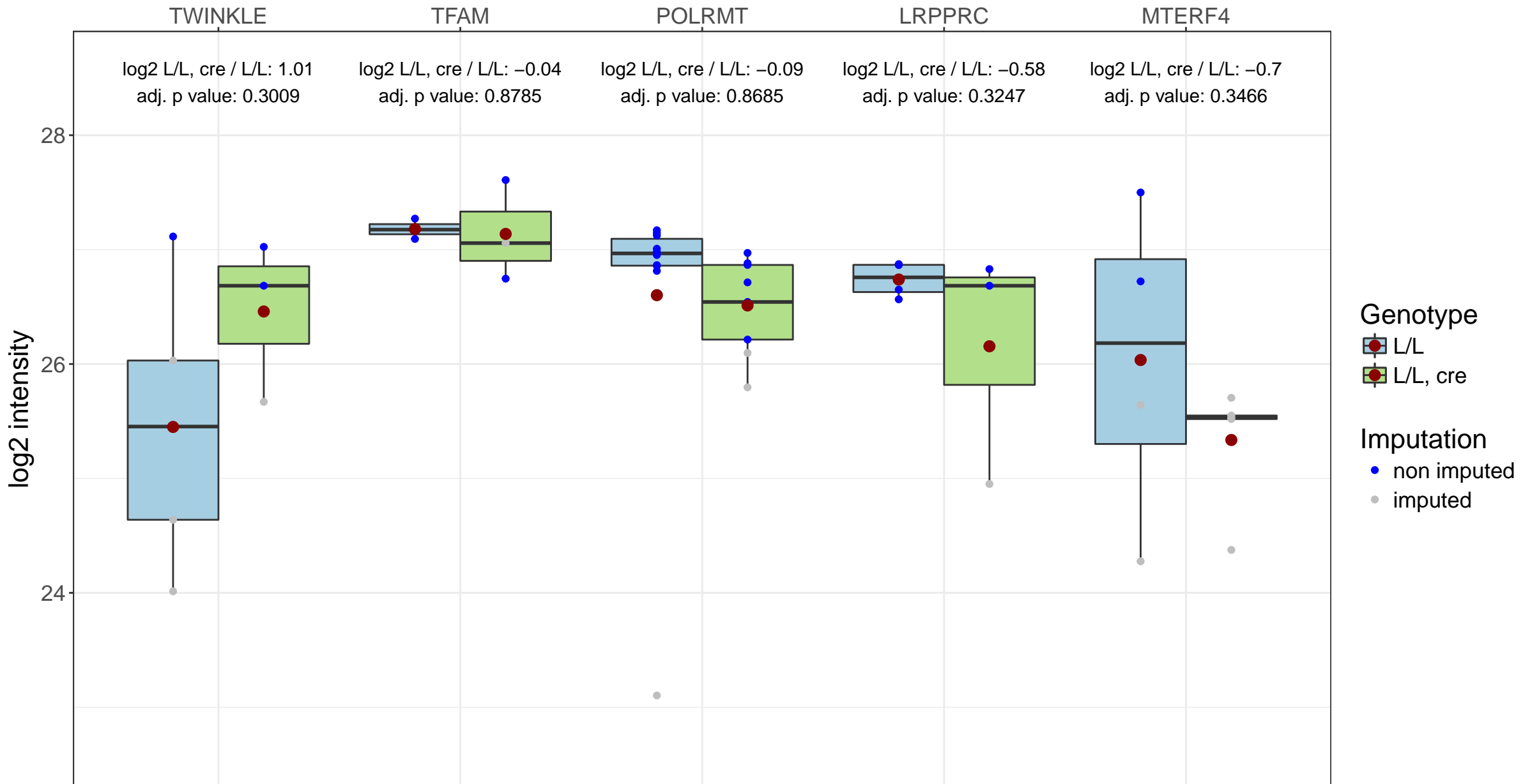


# TBRG4 / Q91YM4

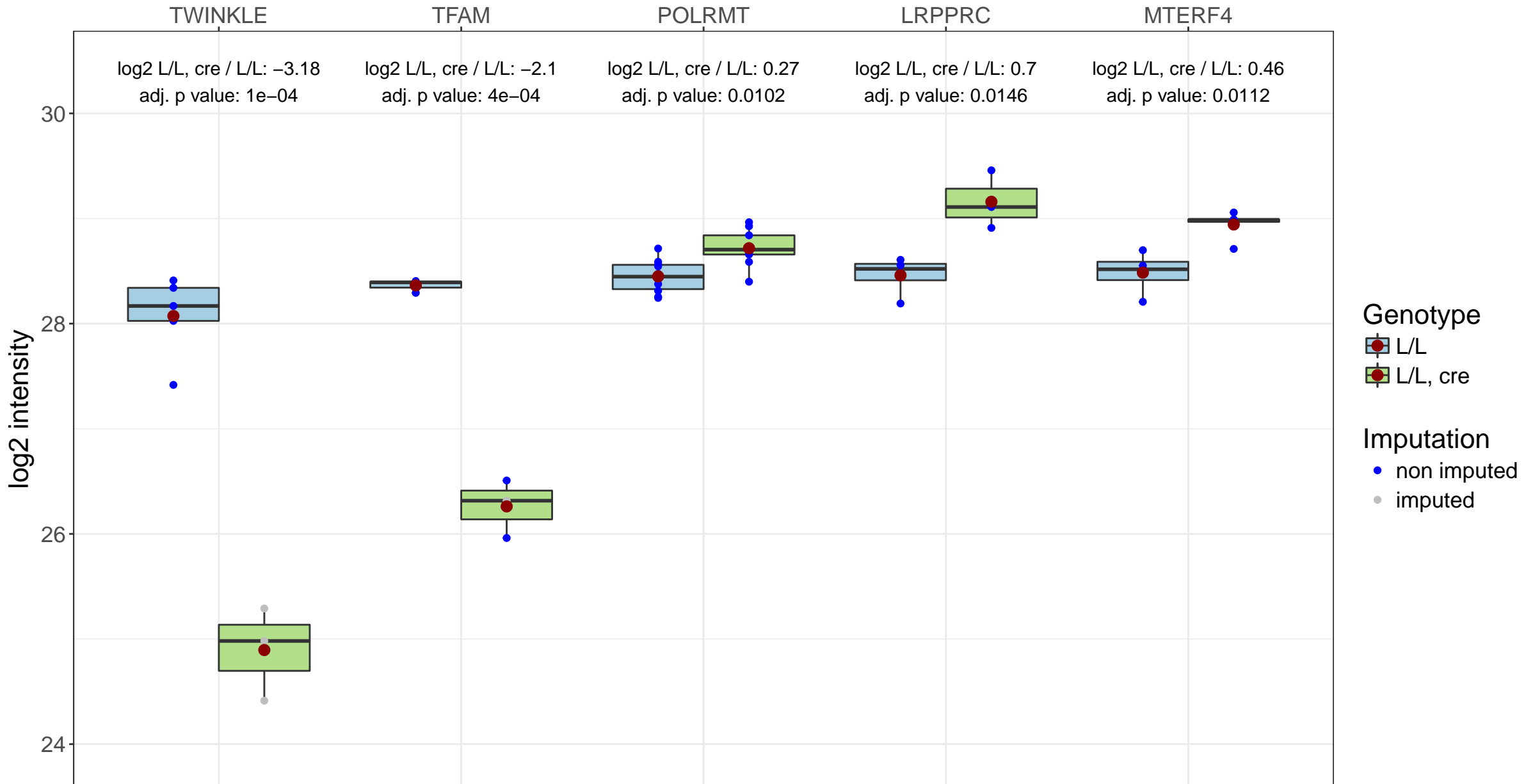




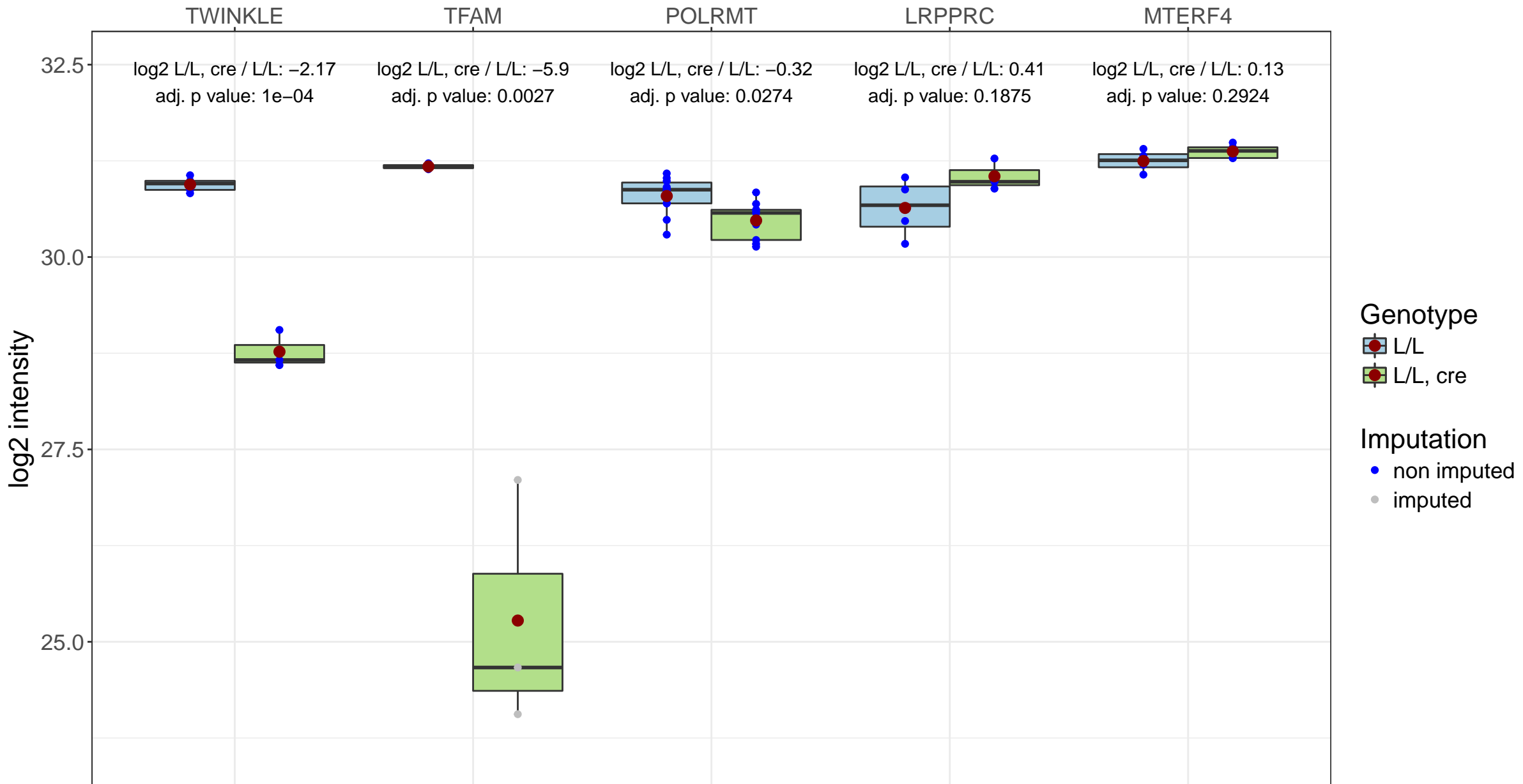
# TCAIM / G3X983



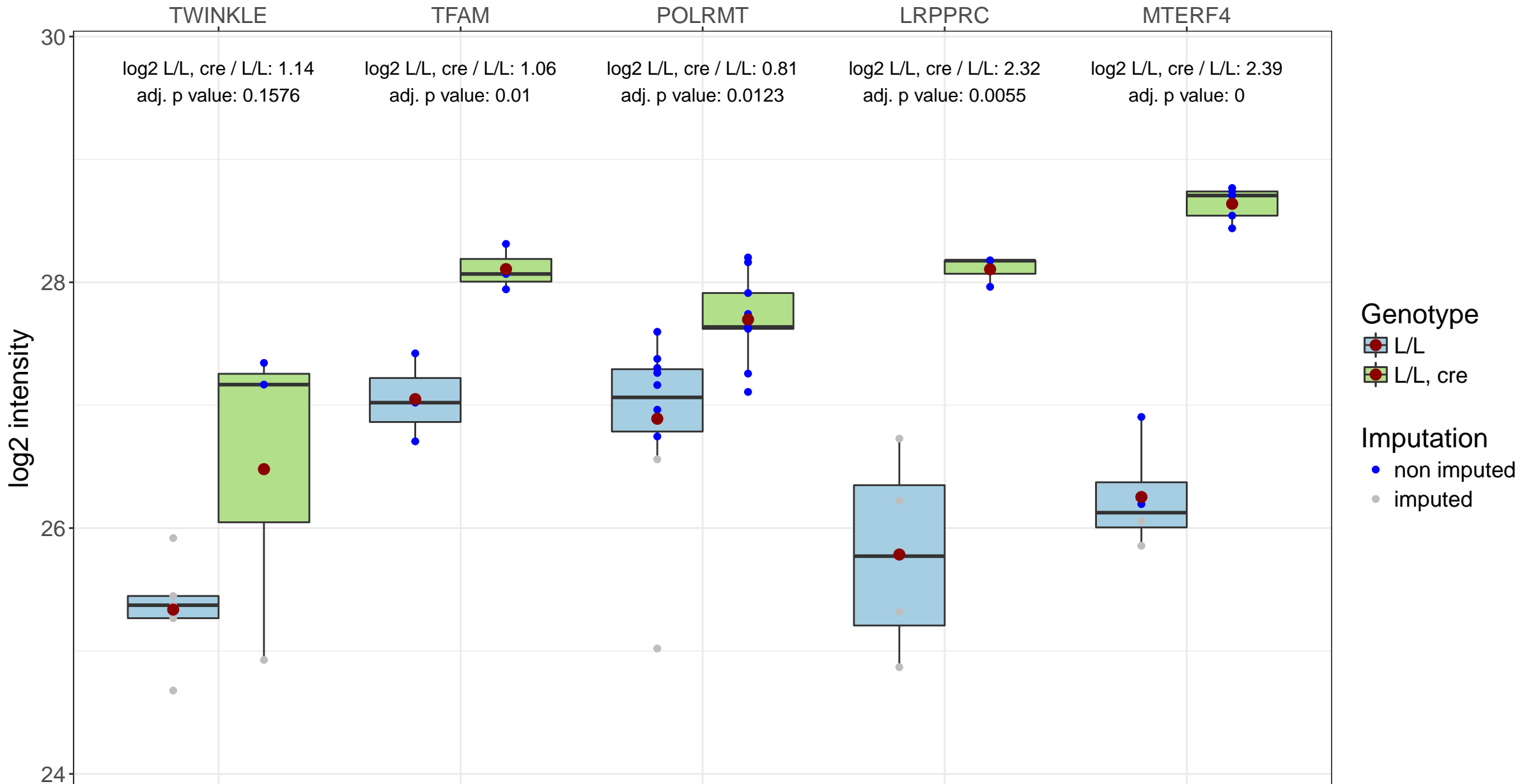
# TEFM / Q5SSK3



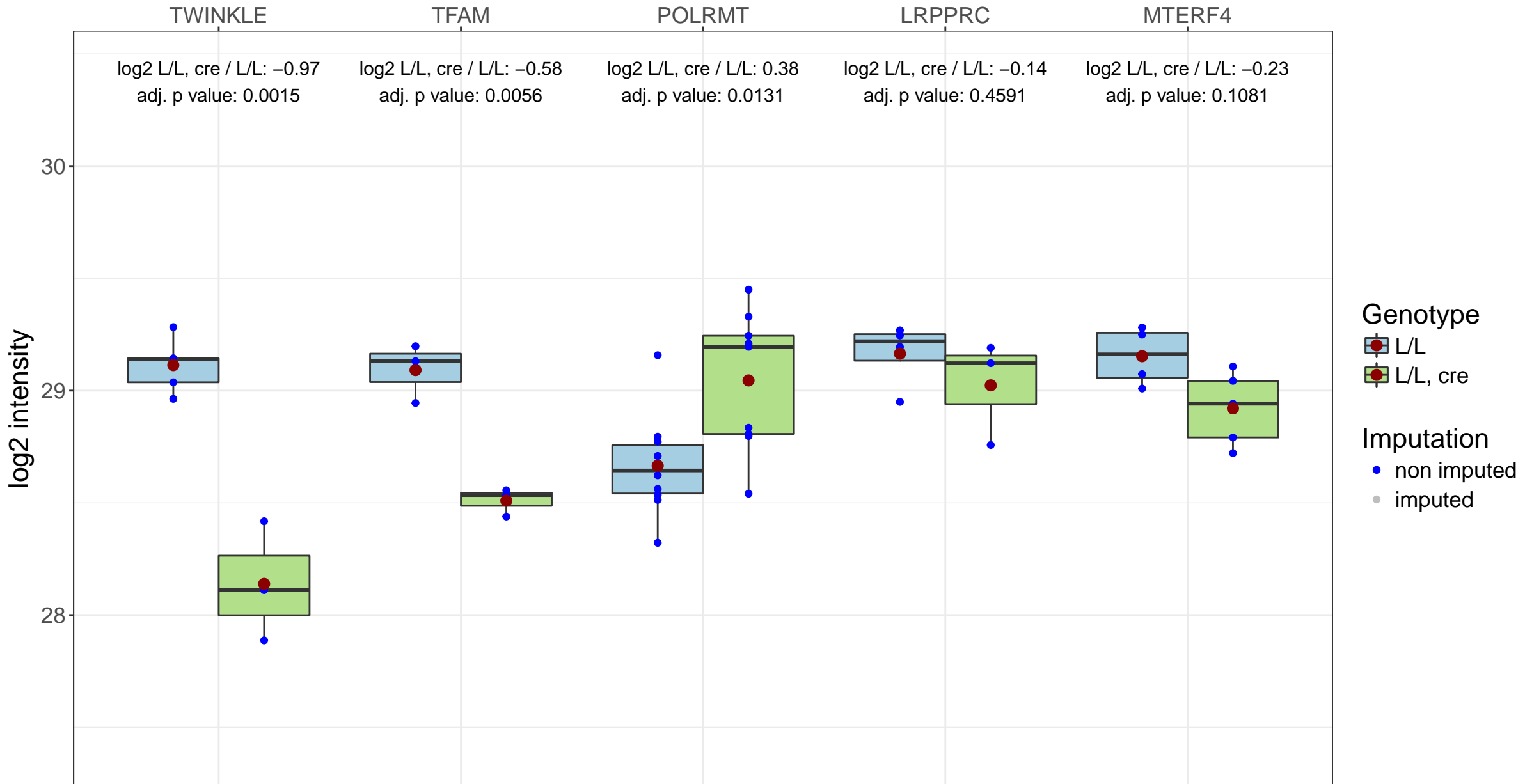
# TFAM / P40630-2



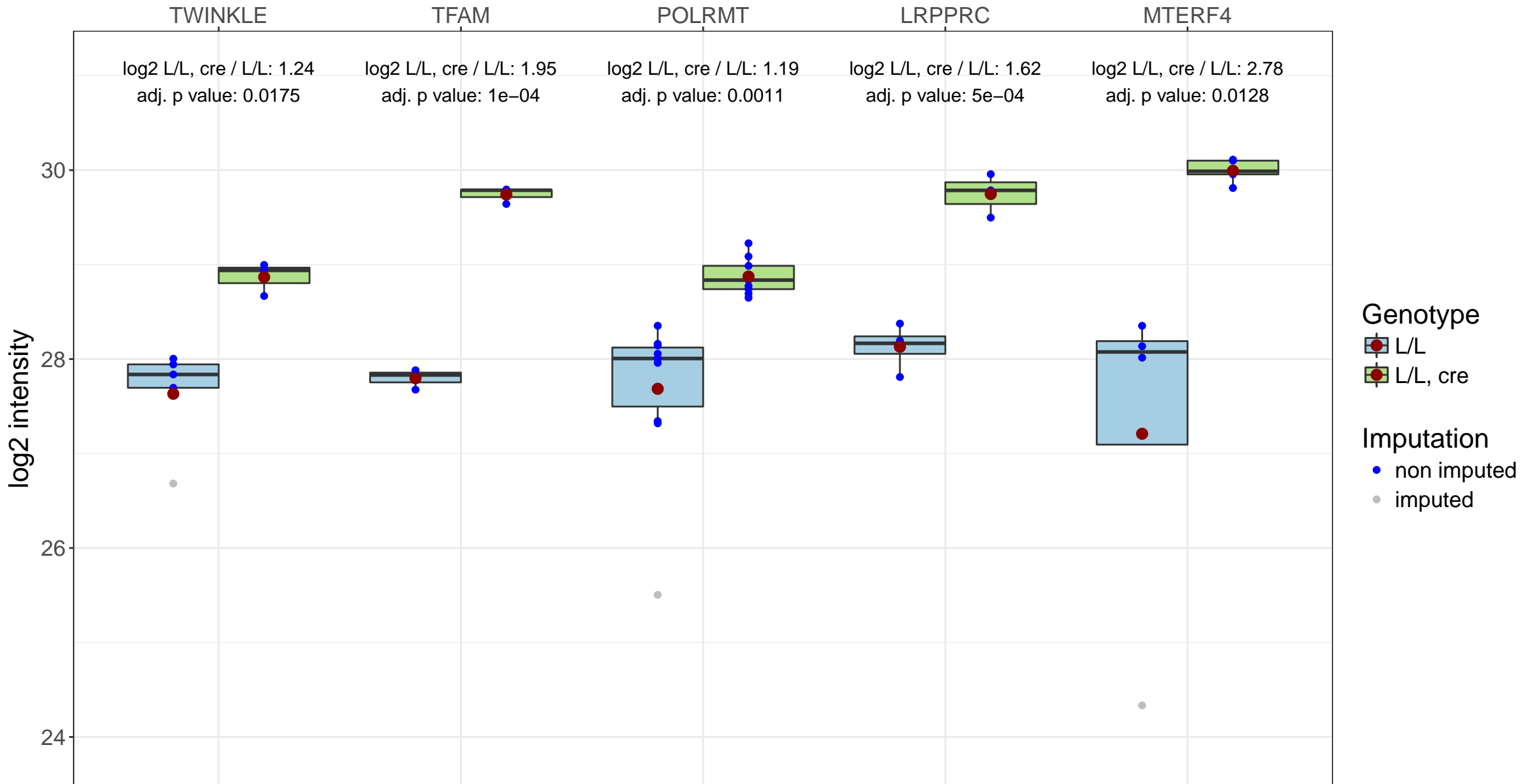
# TFB1M / Q8JZM0



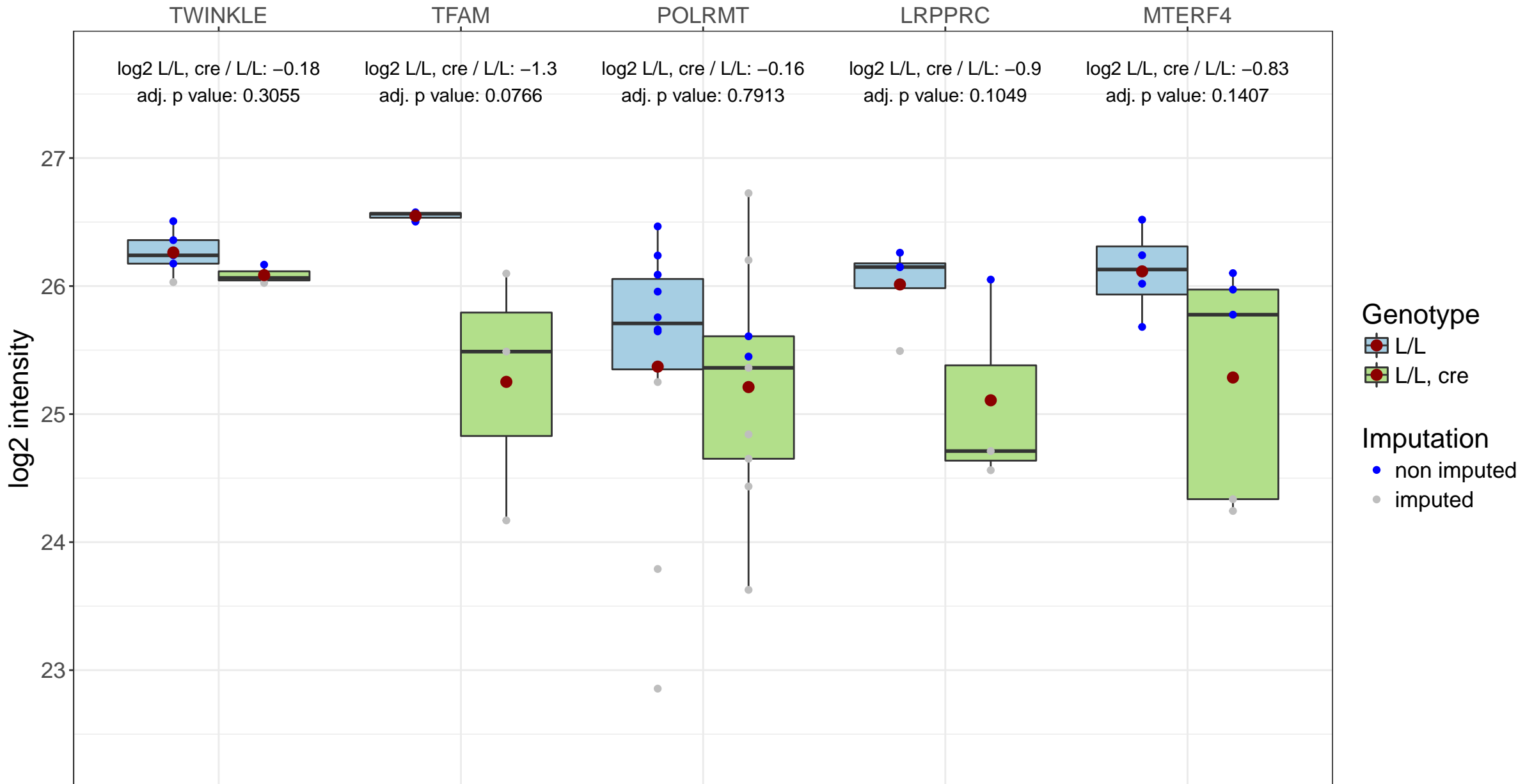
# THA1 / Q6XPS7



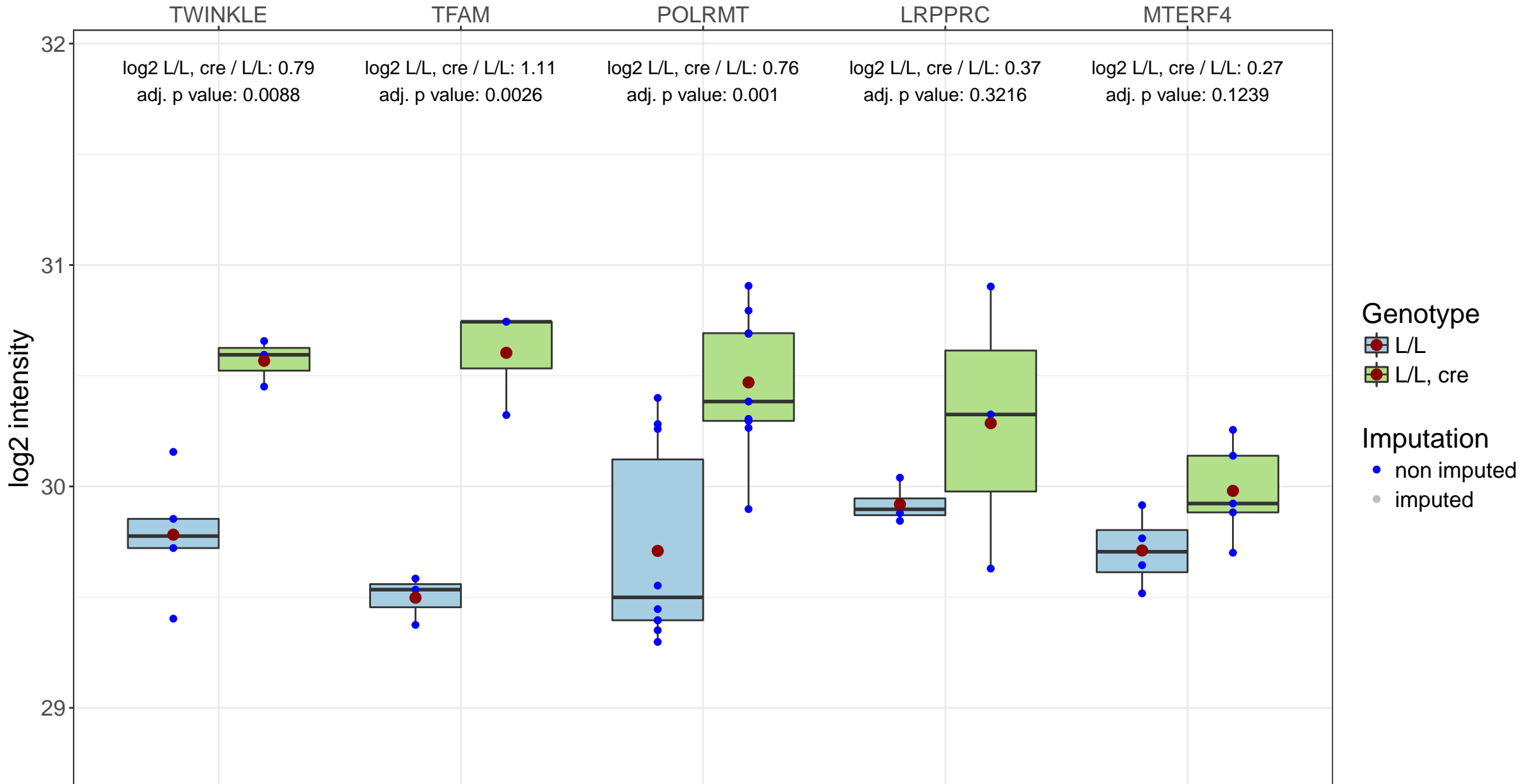
# THEM4 / Q3UUI3



# THNSL1 / Q8BH55

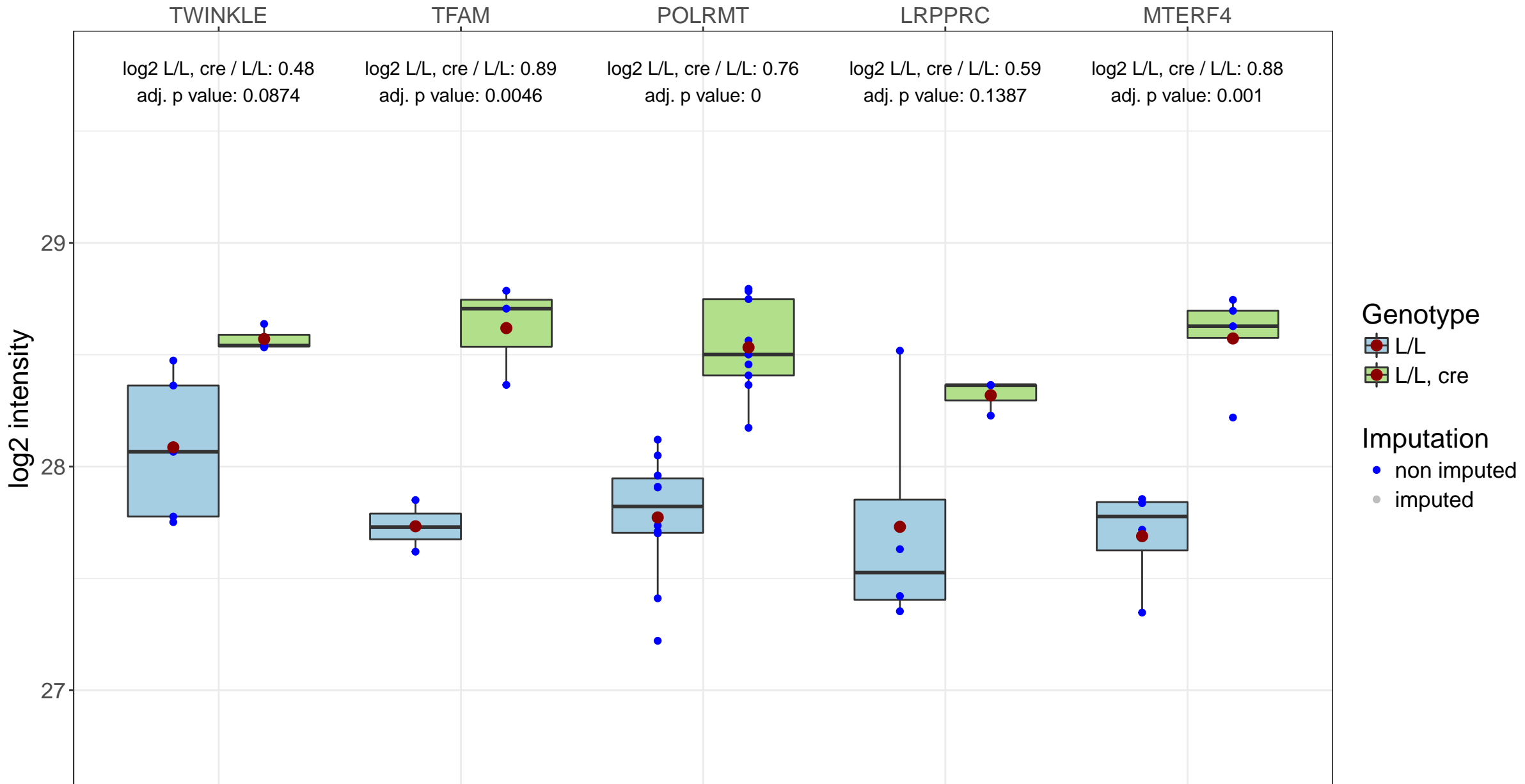


# TIMM10 / P62073

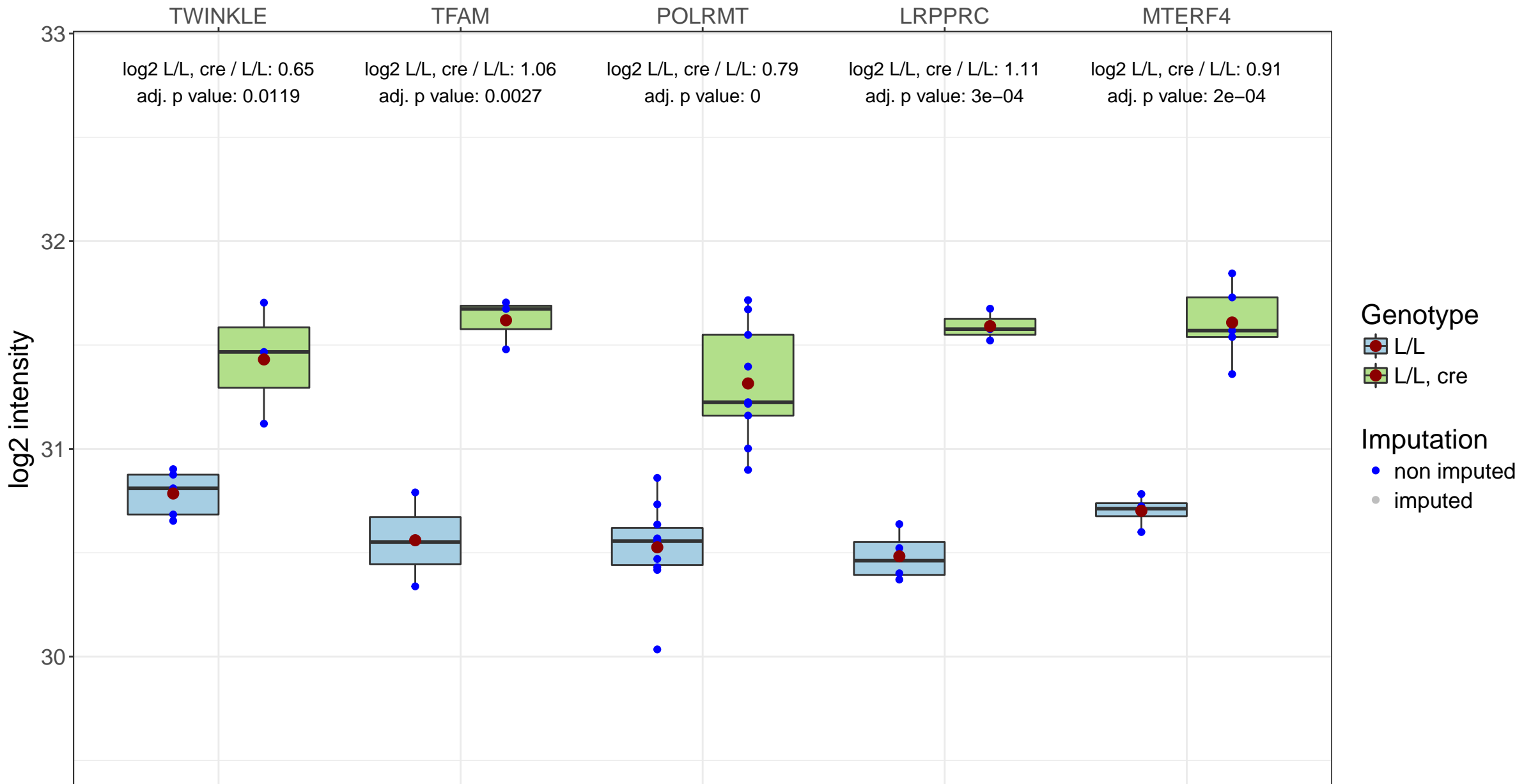




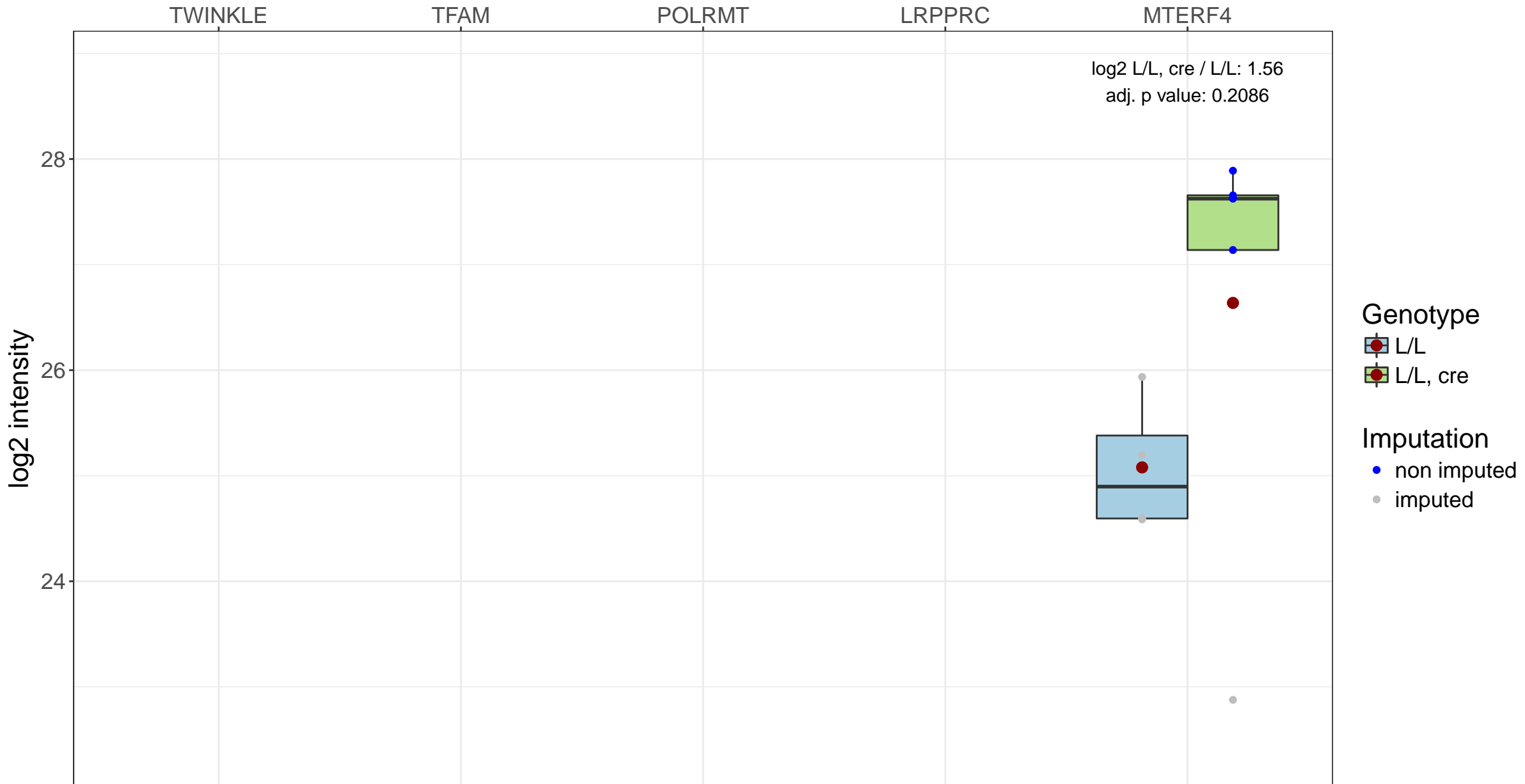
# TIMM10B / Q9WV96



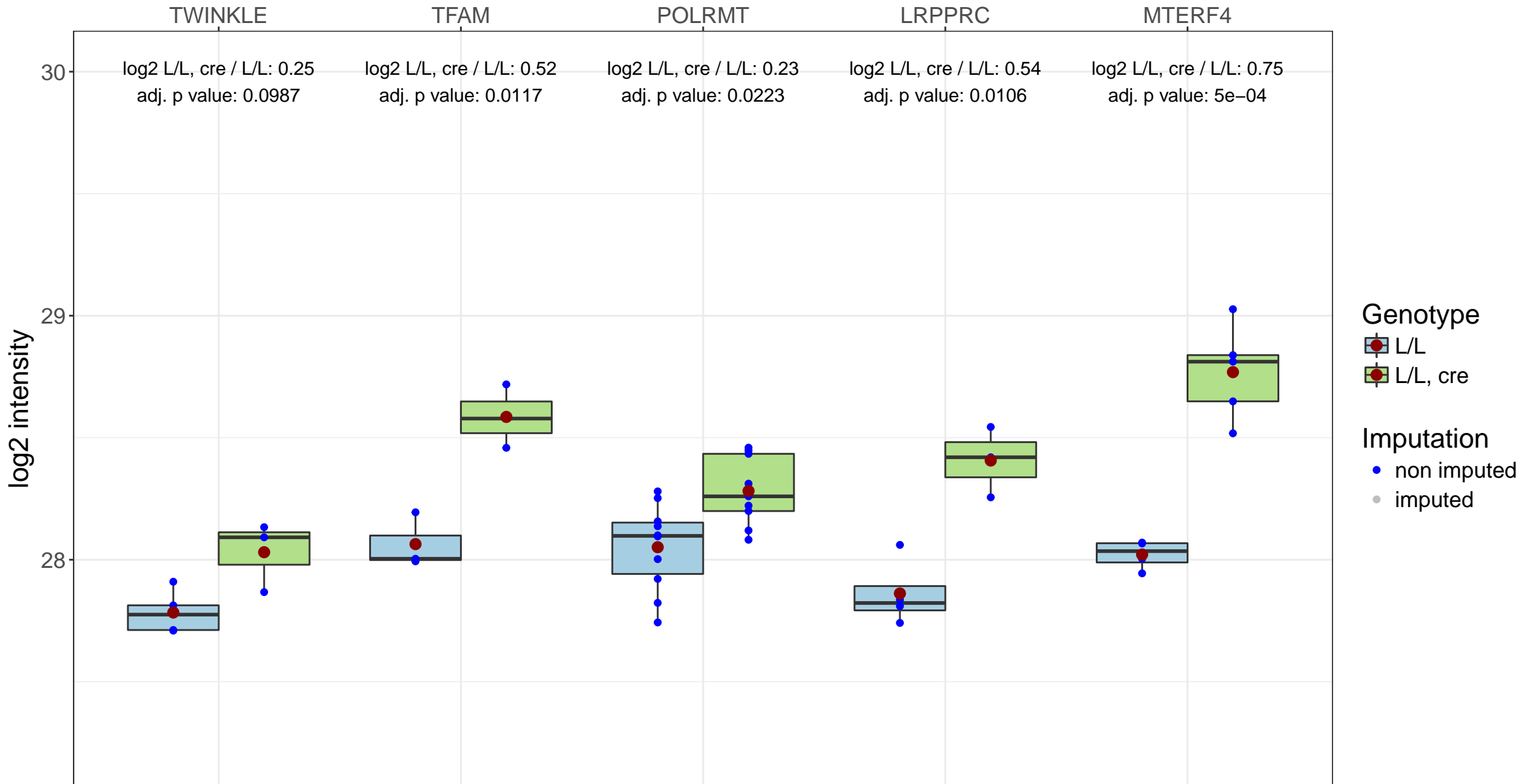
# TIMM13 / P62075



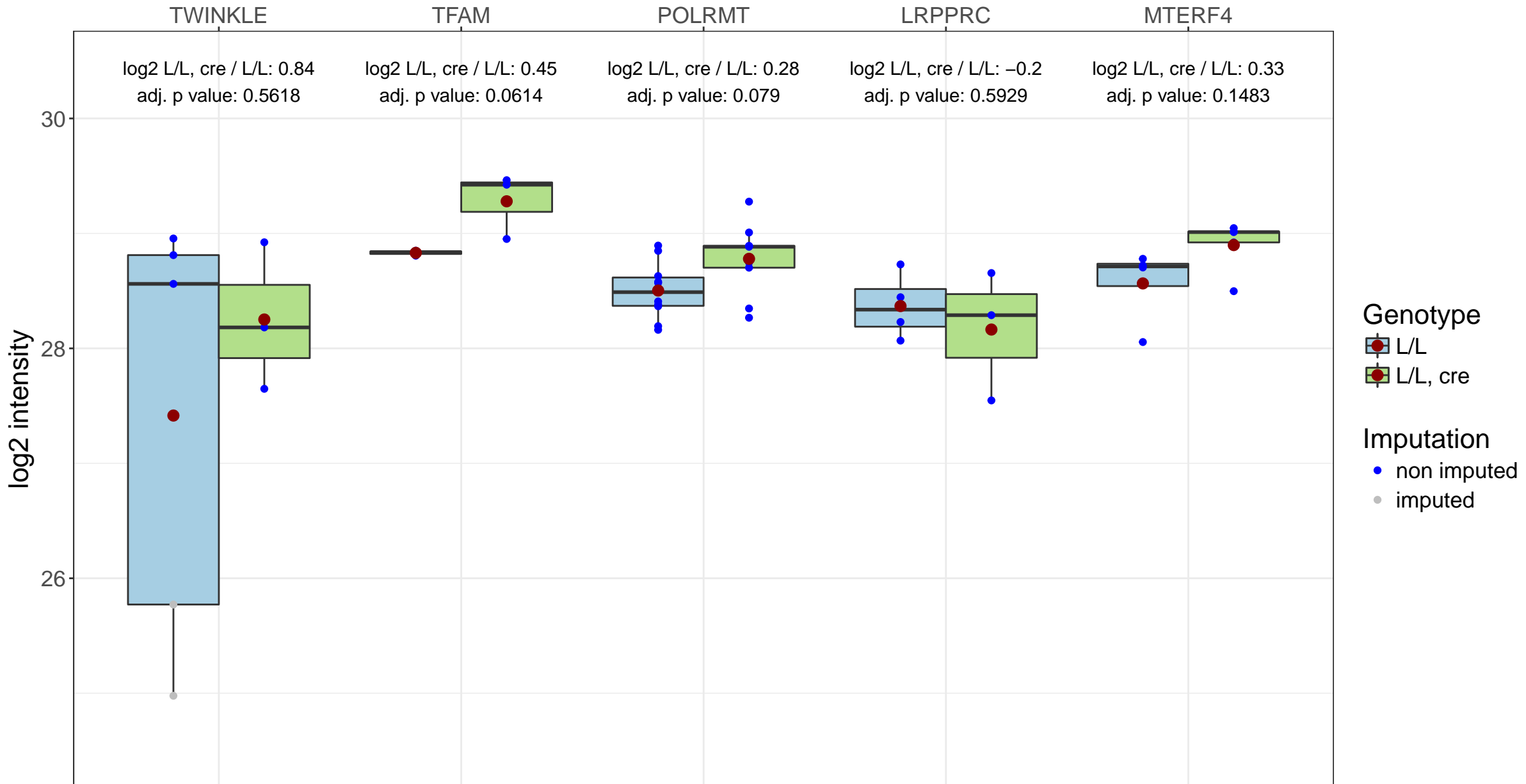
# TIMM17A / Q9Z0V8



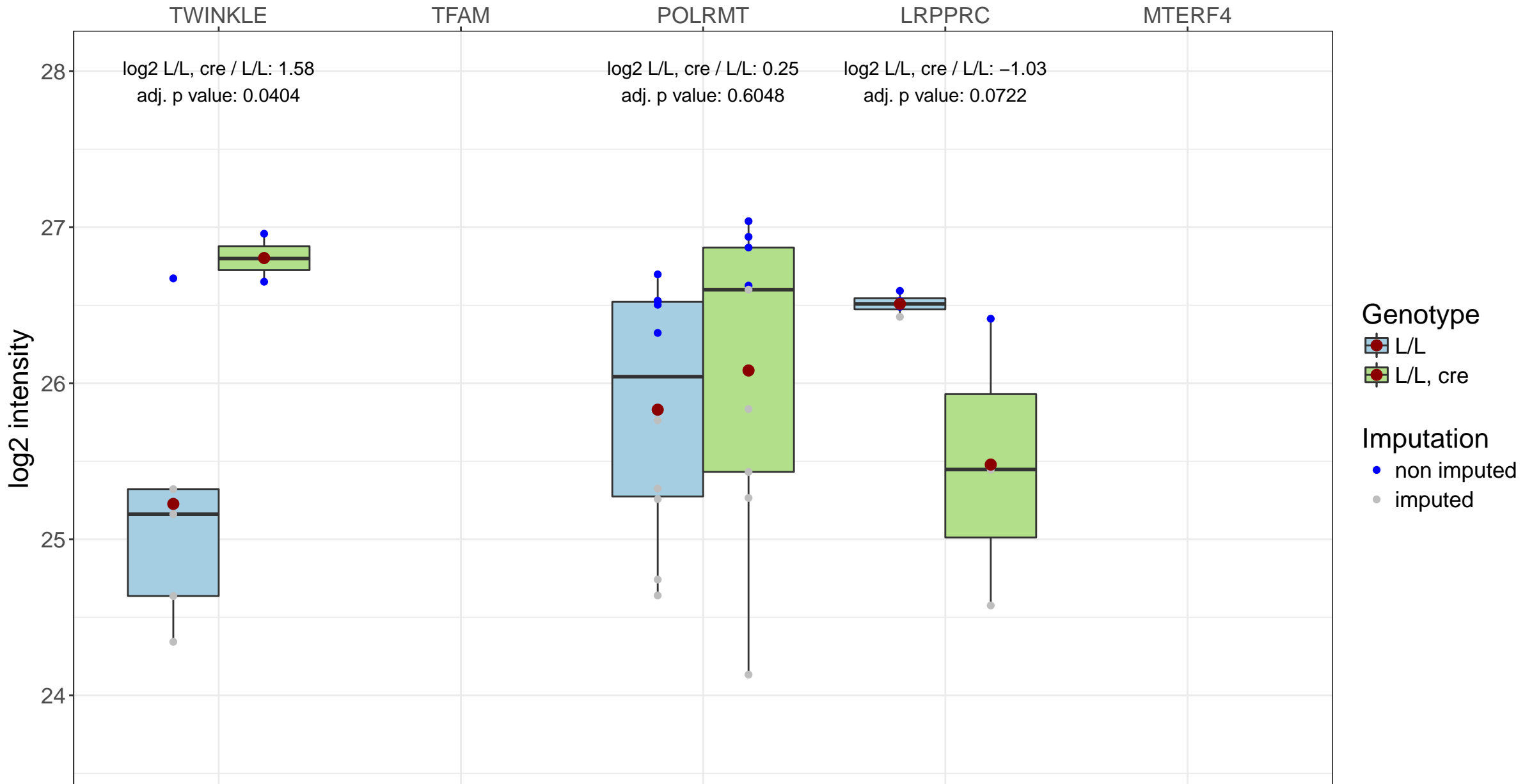
# TIMM17B / Q9Z0V7



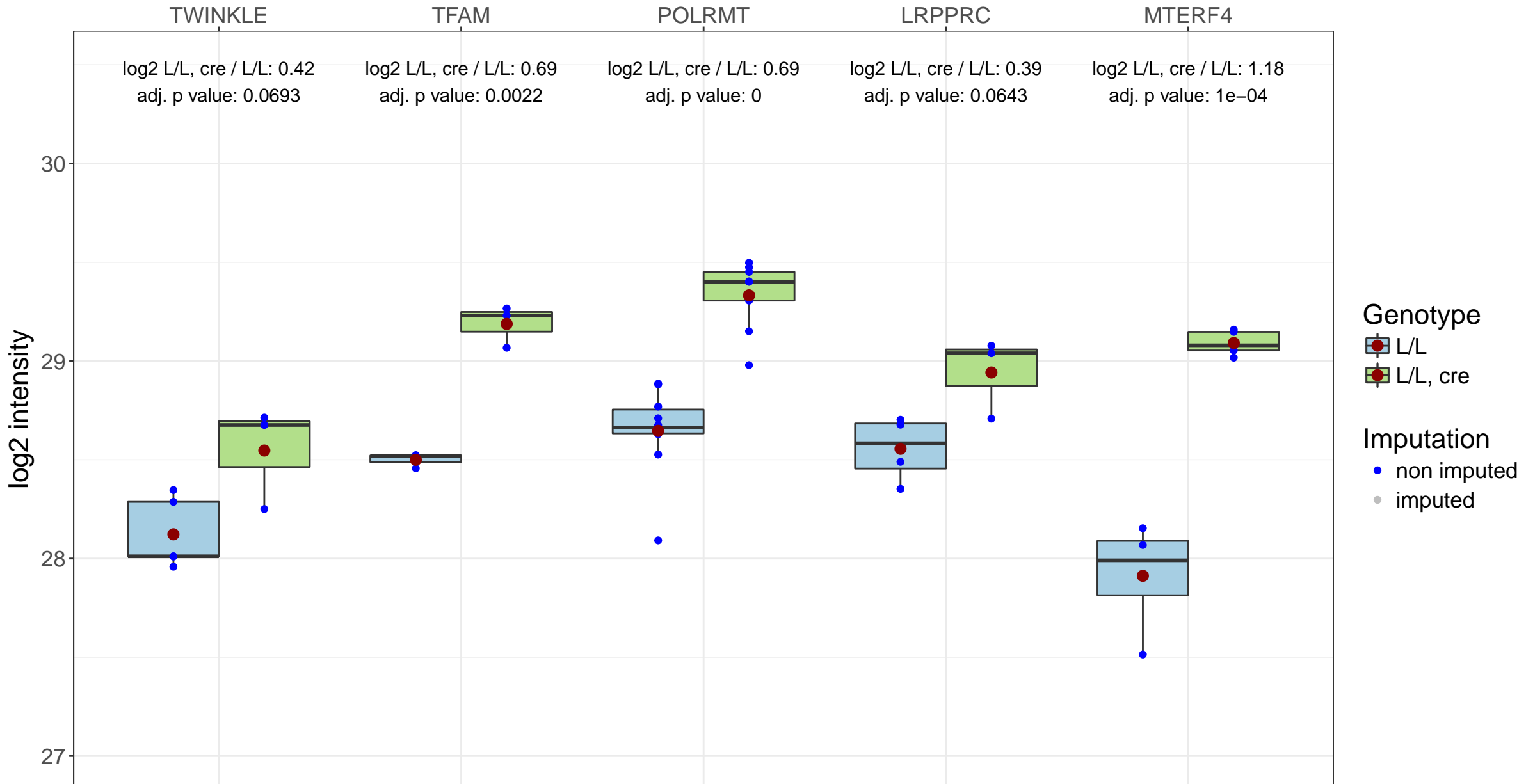
# TIMM21 / Q8CCM6-2



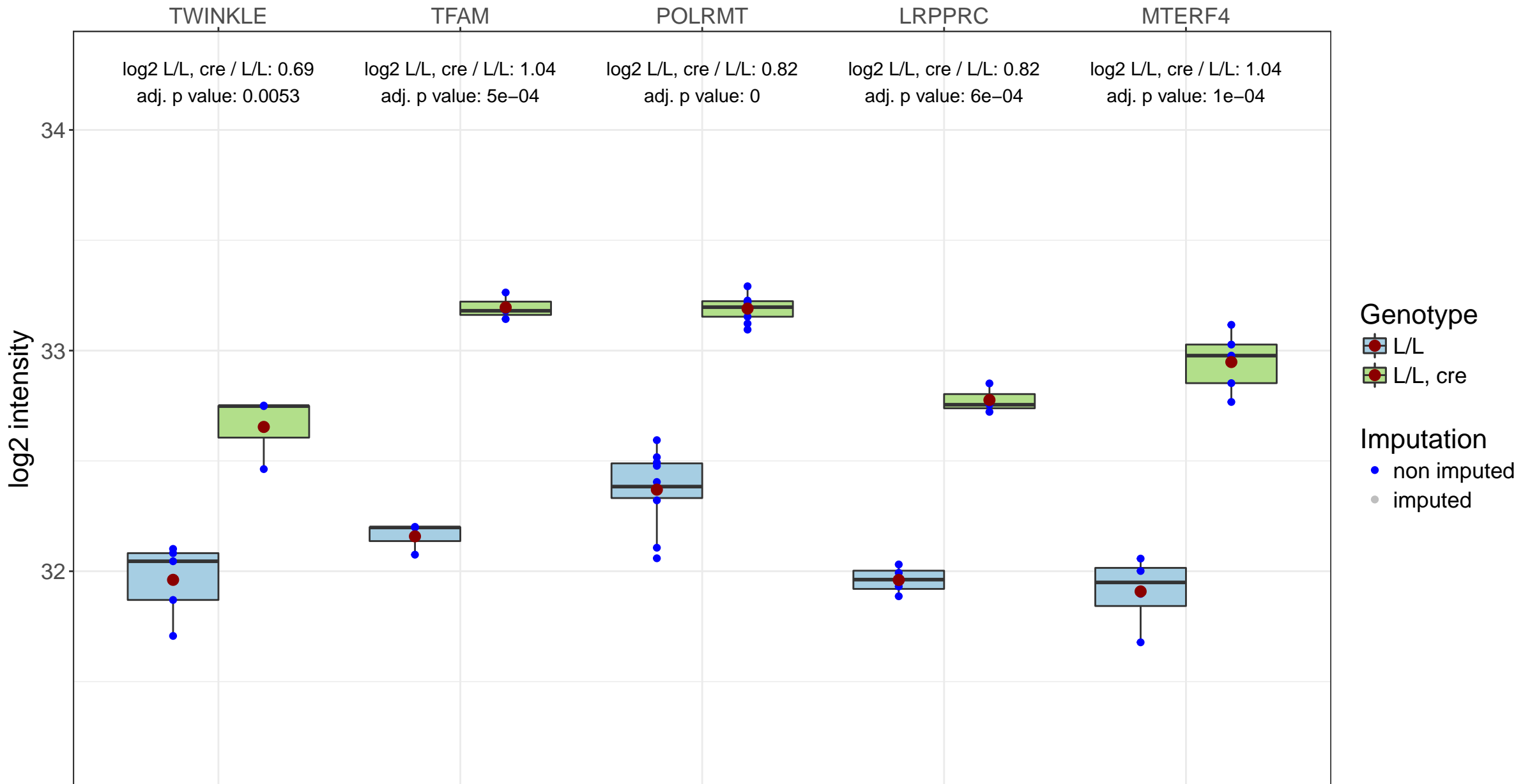
# TIMM22 / Q9CQ85



# TIMM23 / Q9CXU4

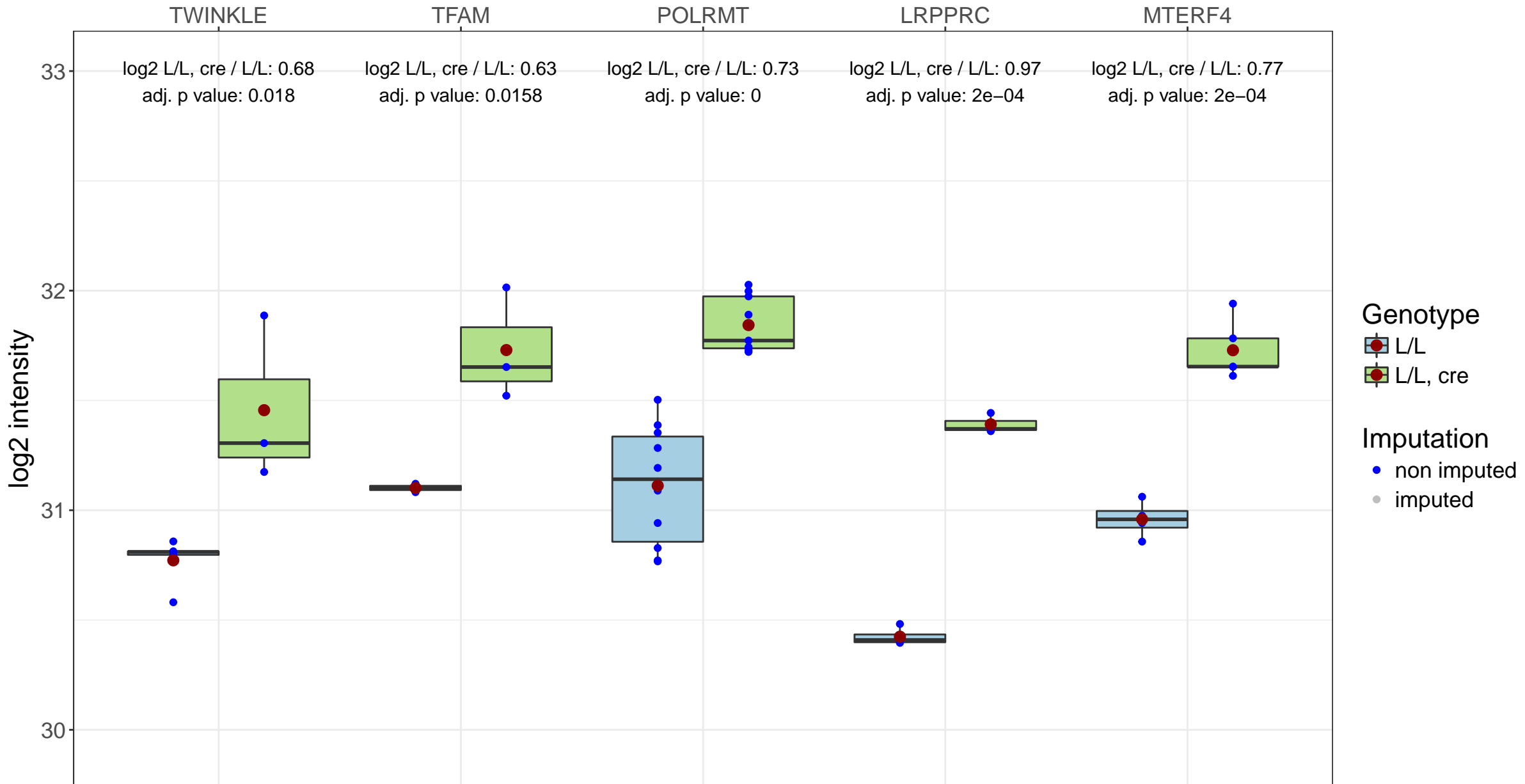


# TIMM44 / O35857

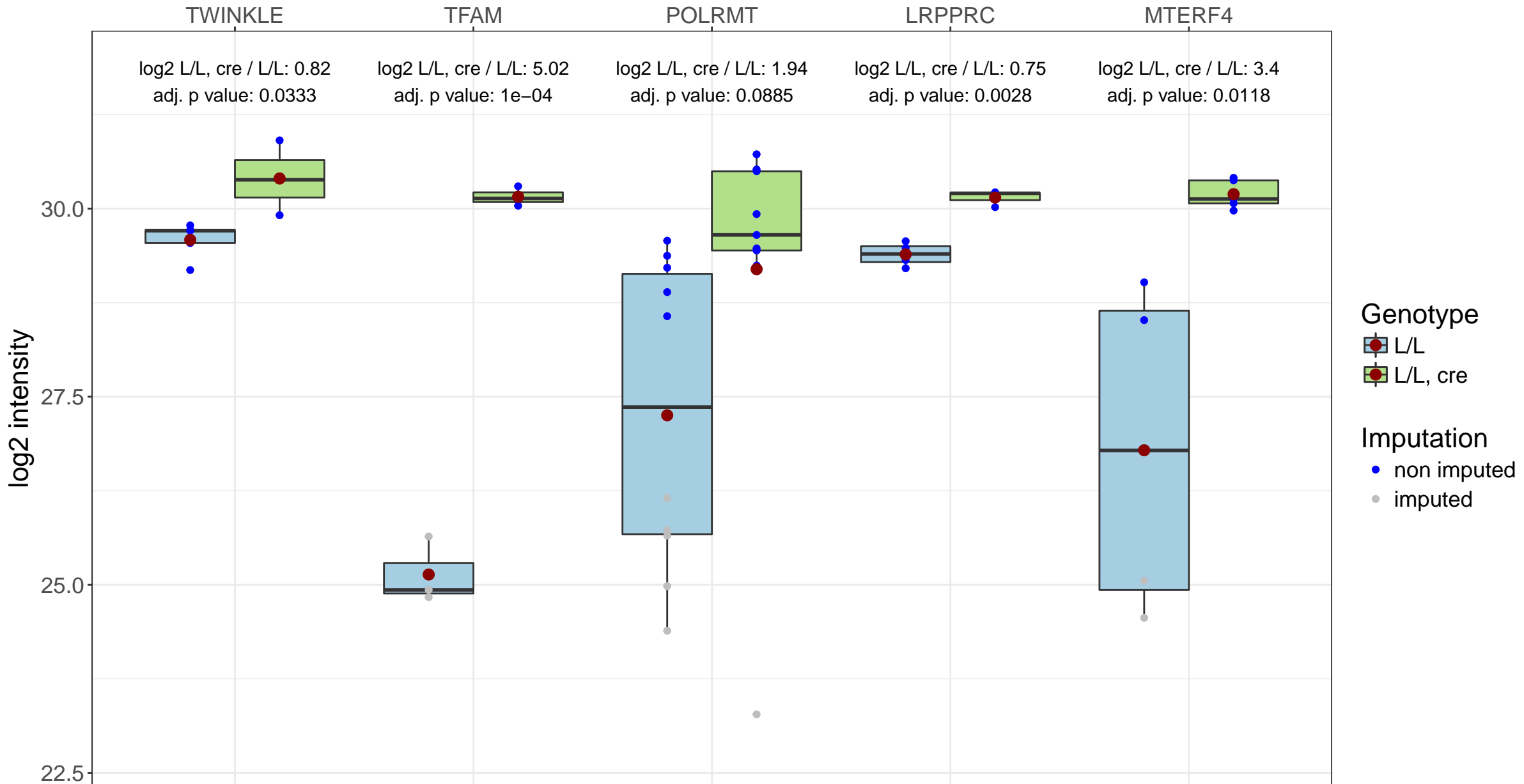




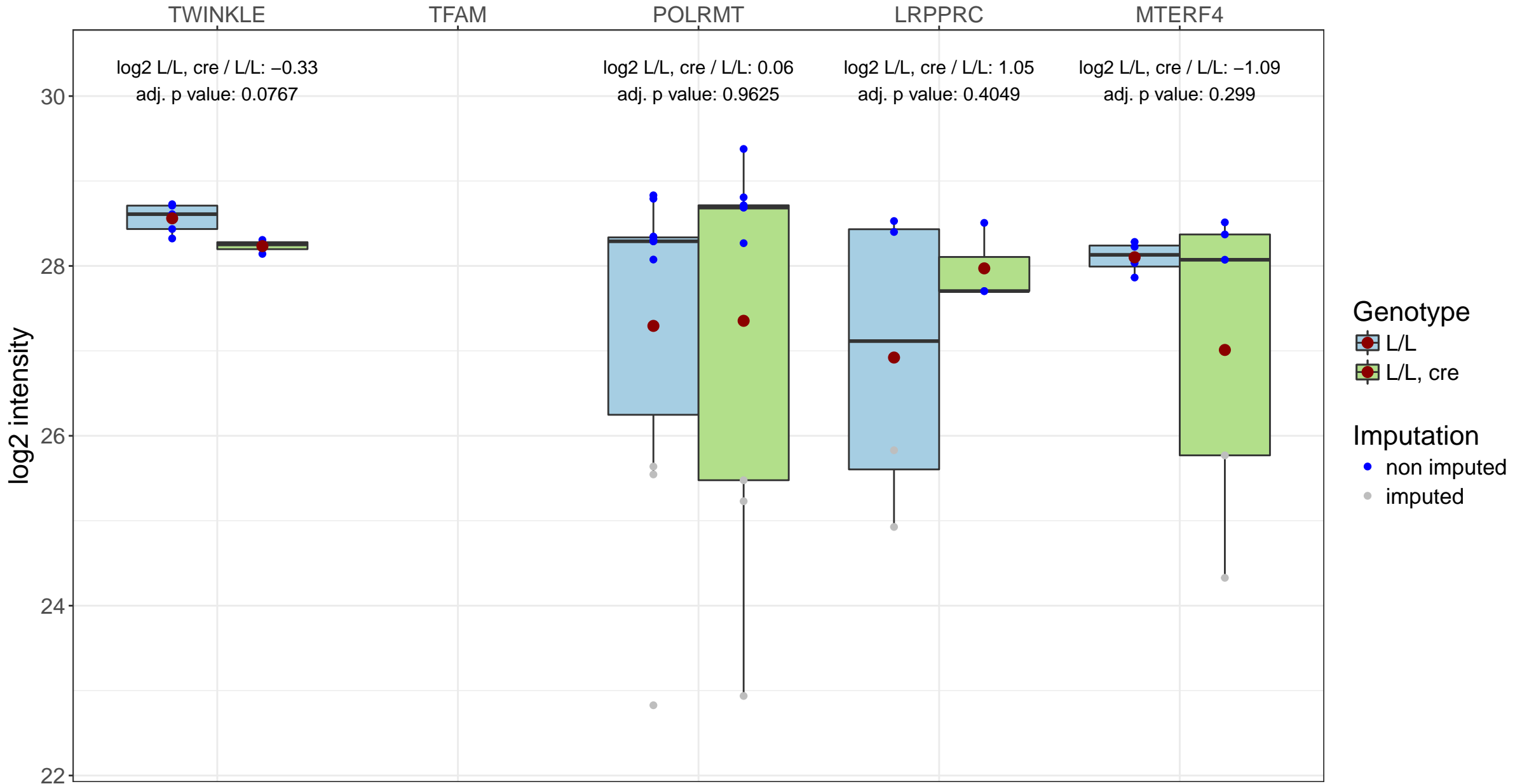
# TIMM50 / Q9D880



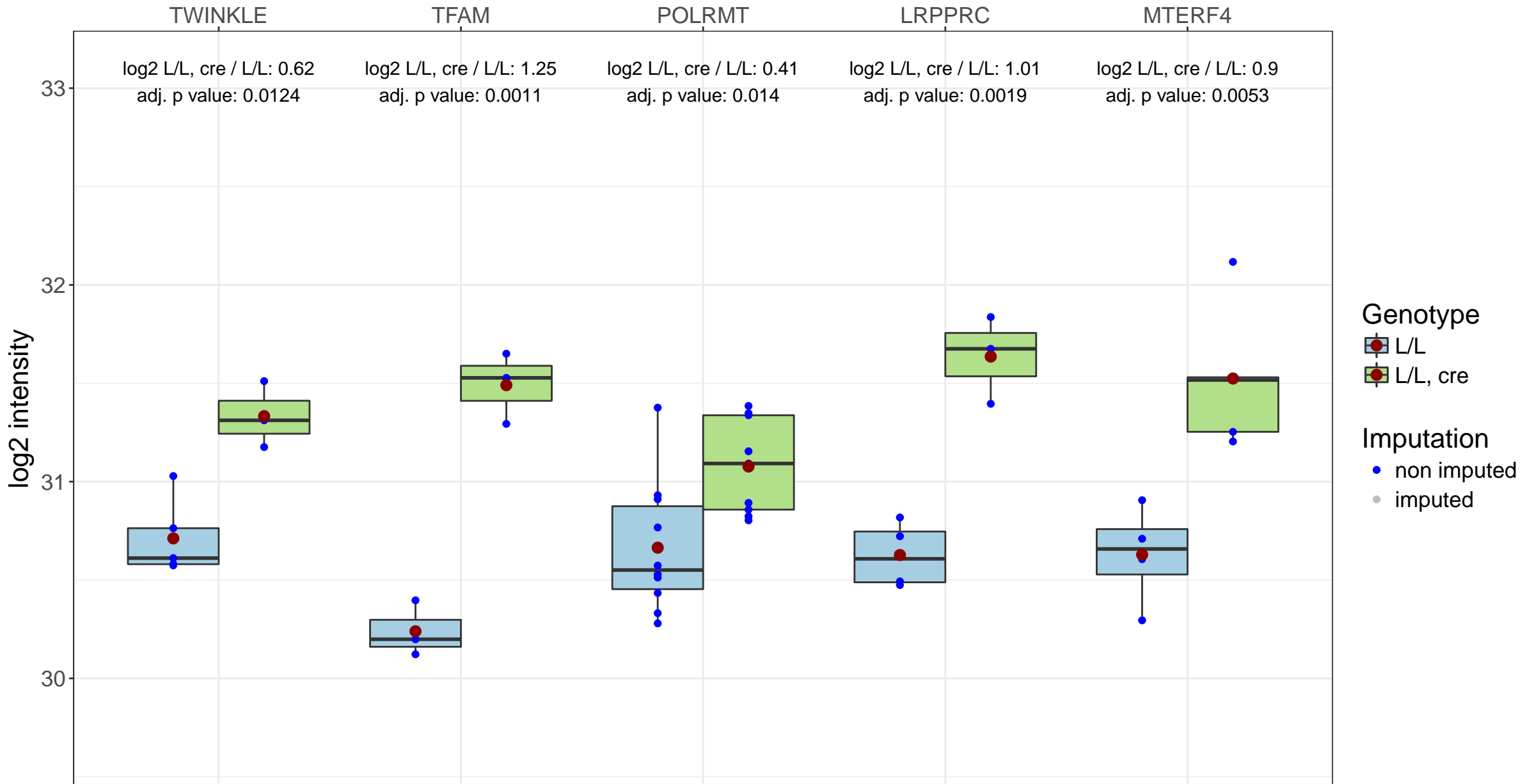
# TIMM8A1 / Q9WVA2



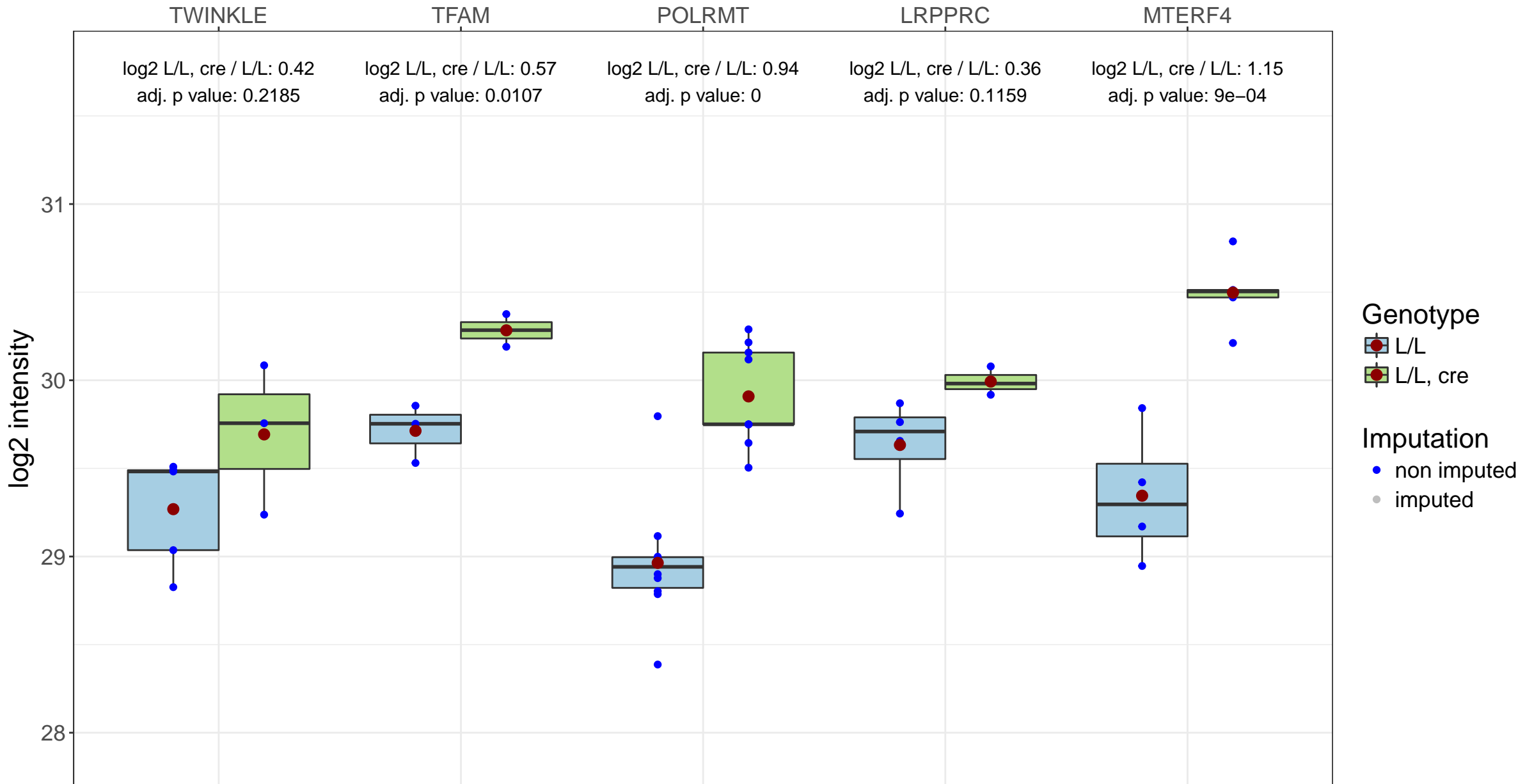
# TIMM8B / P62077



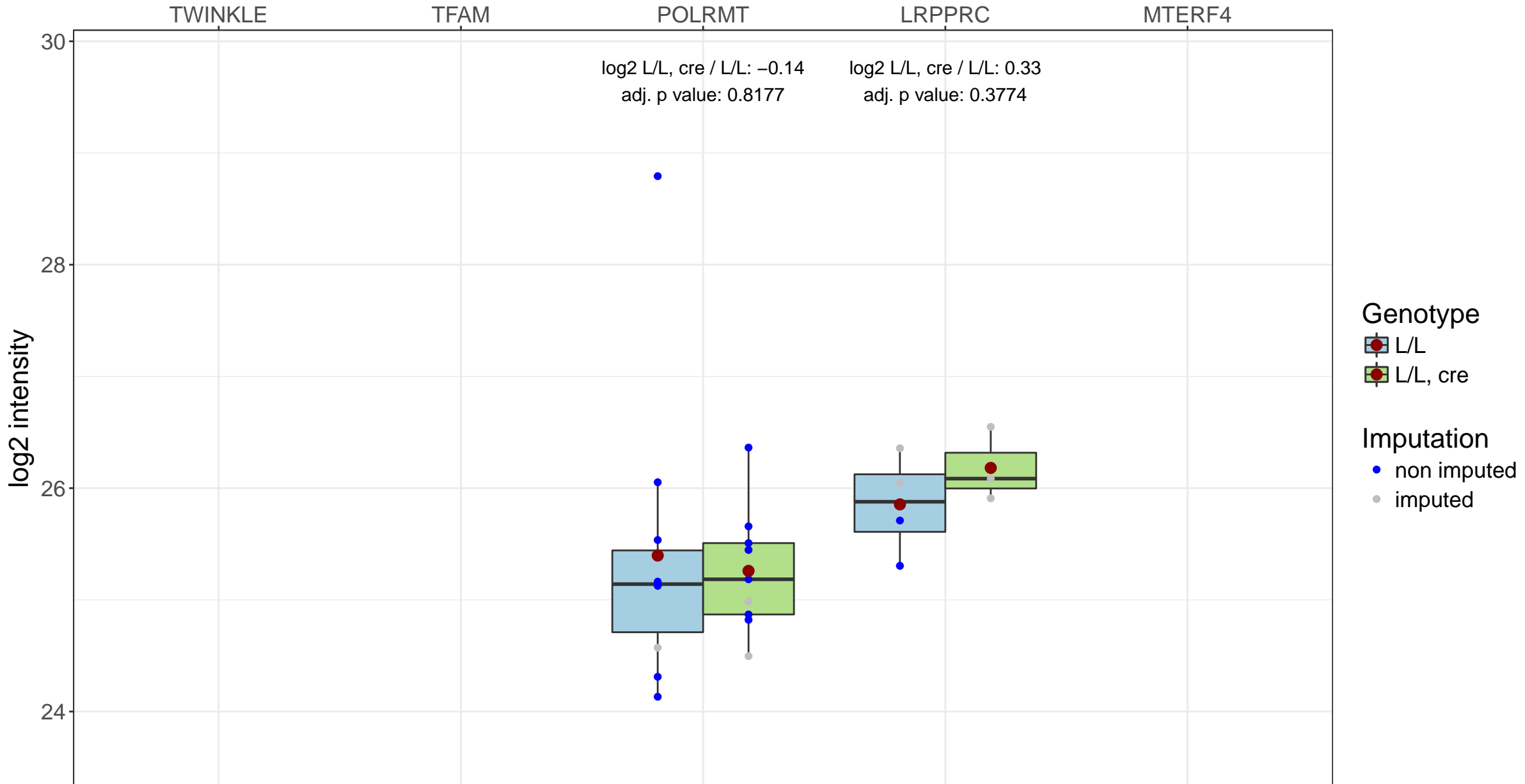
# TIMM9 / Q9WV98



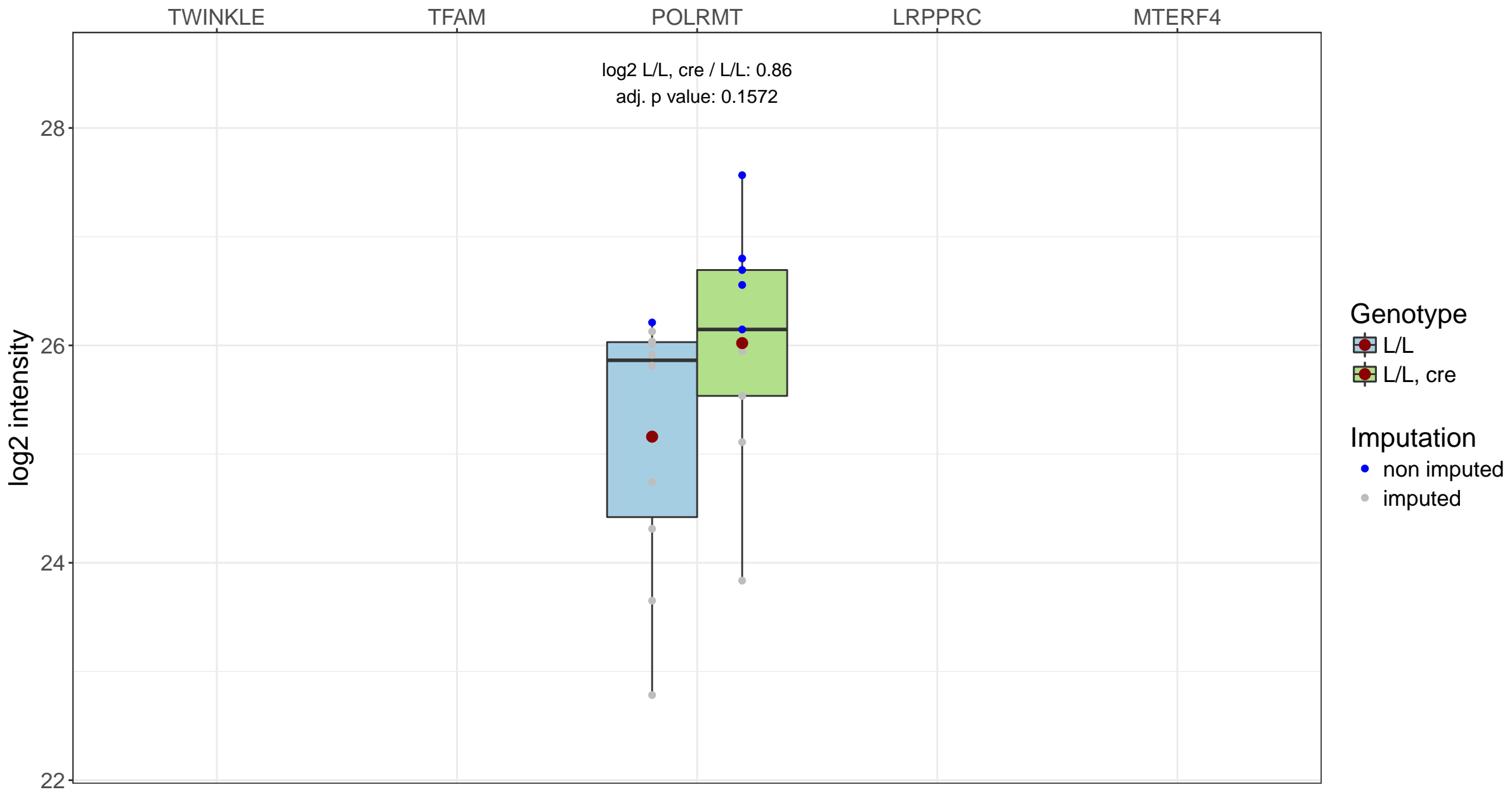
# TIMMDC1 / Q8BUY5



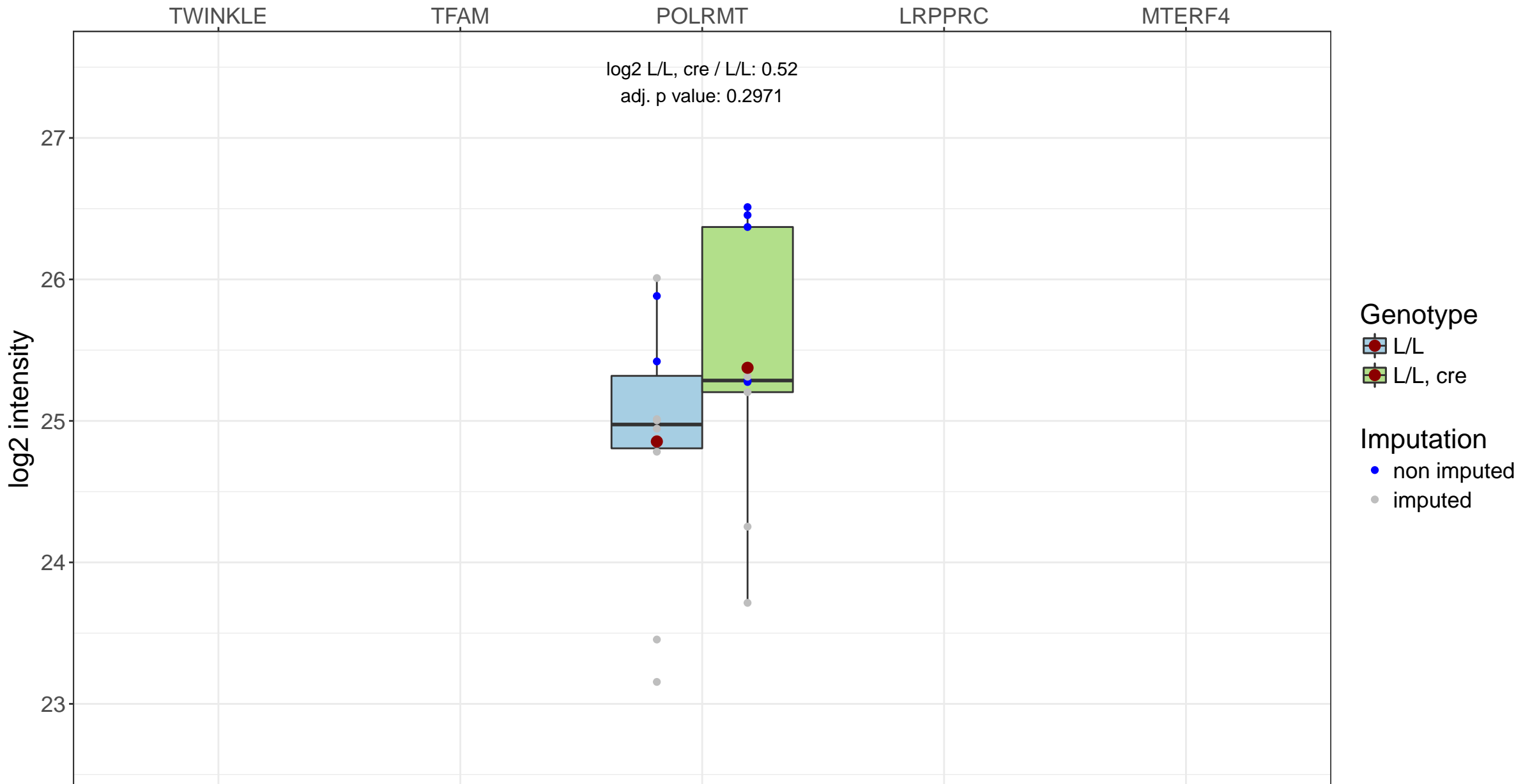
# TLN1 / P26039



# TM9SF2 / P58021



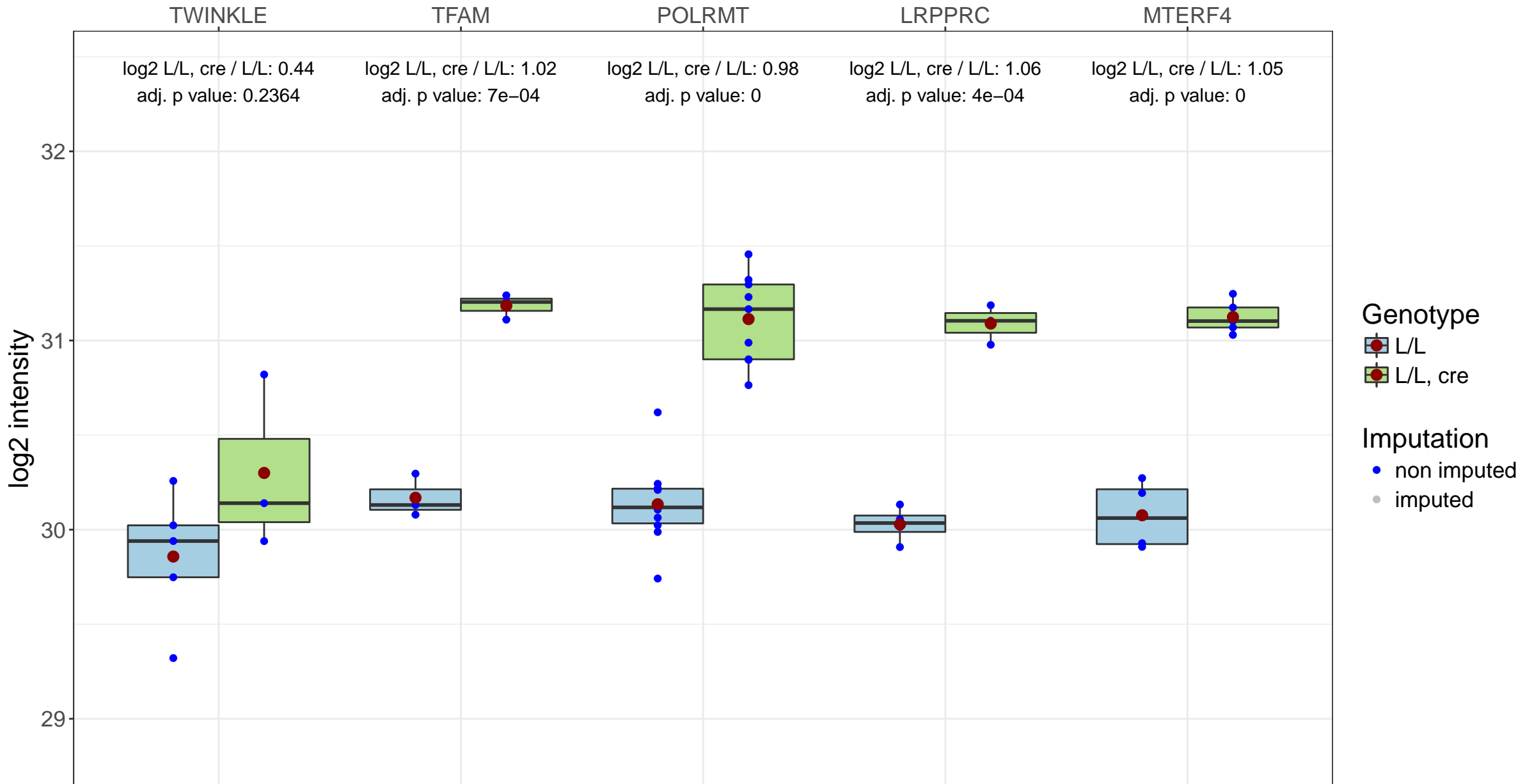
# TMED2 / F6V6T4



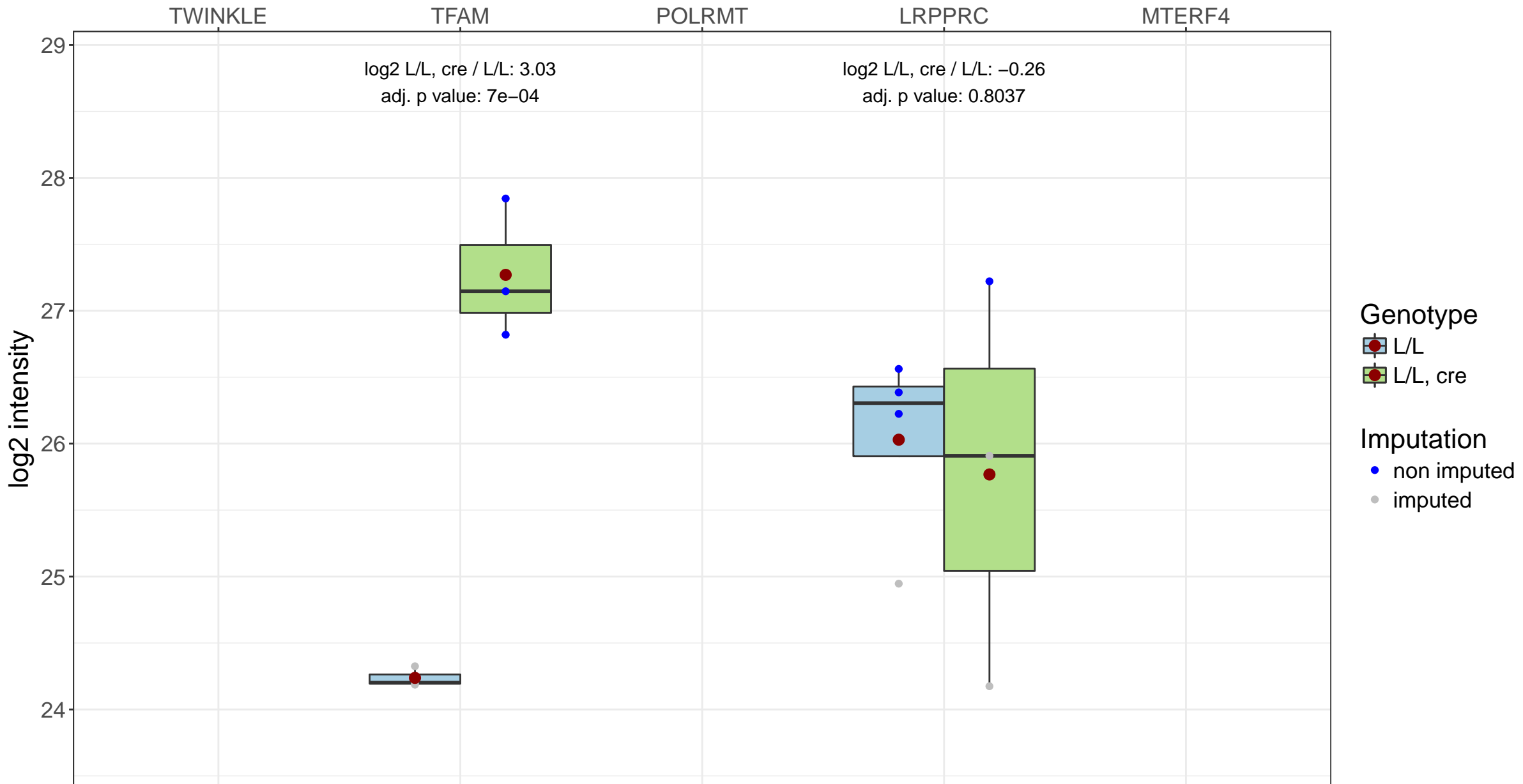




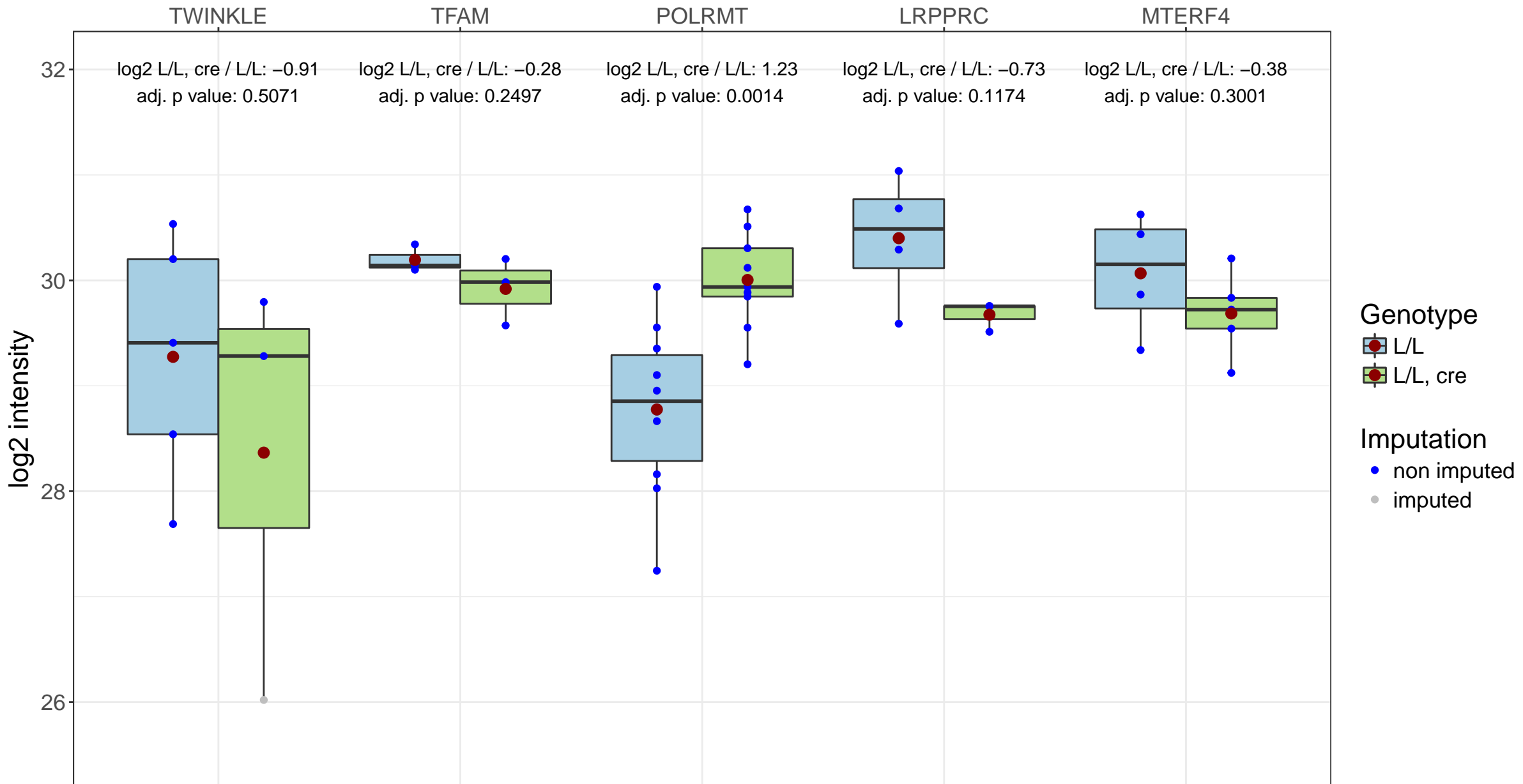
# TMEM126A / Q9D8Y1



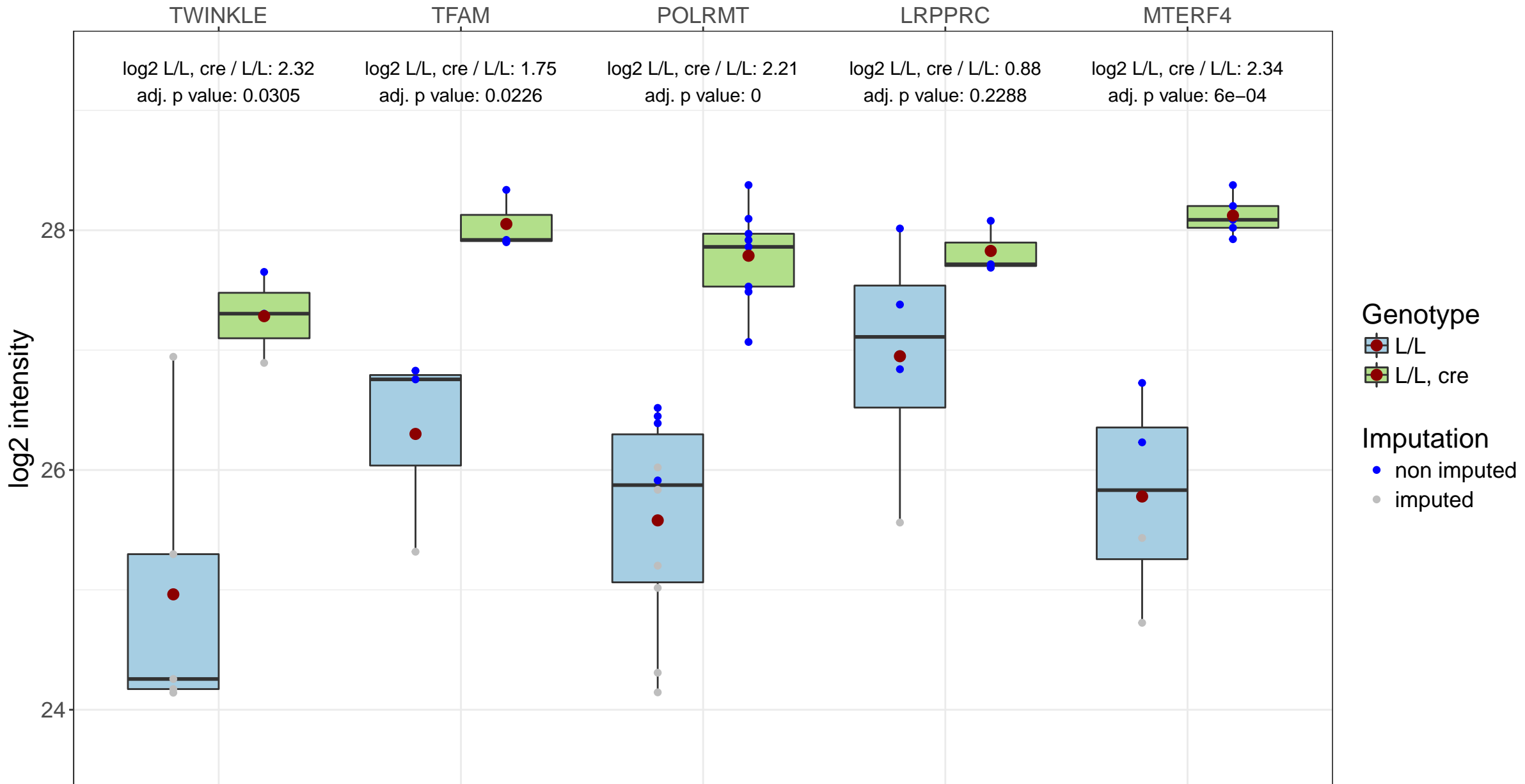
# TMEM141 / A2AJB2



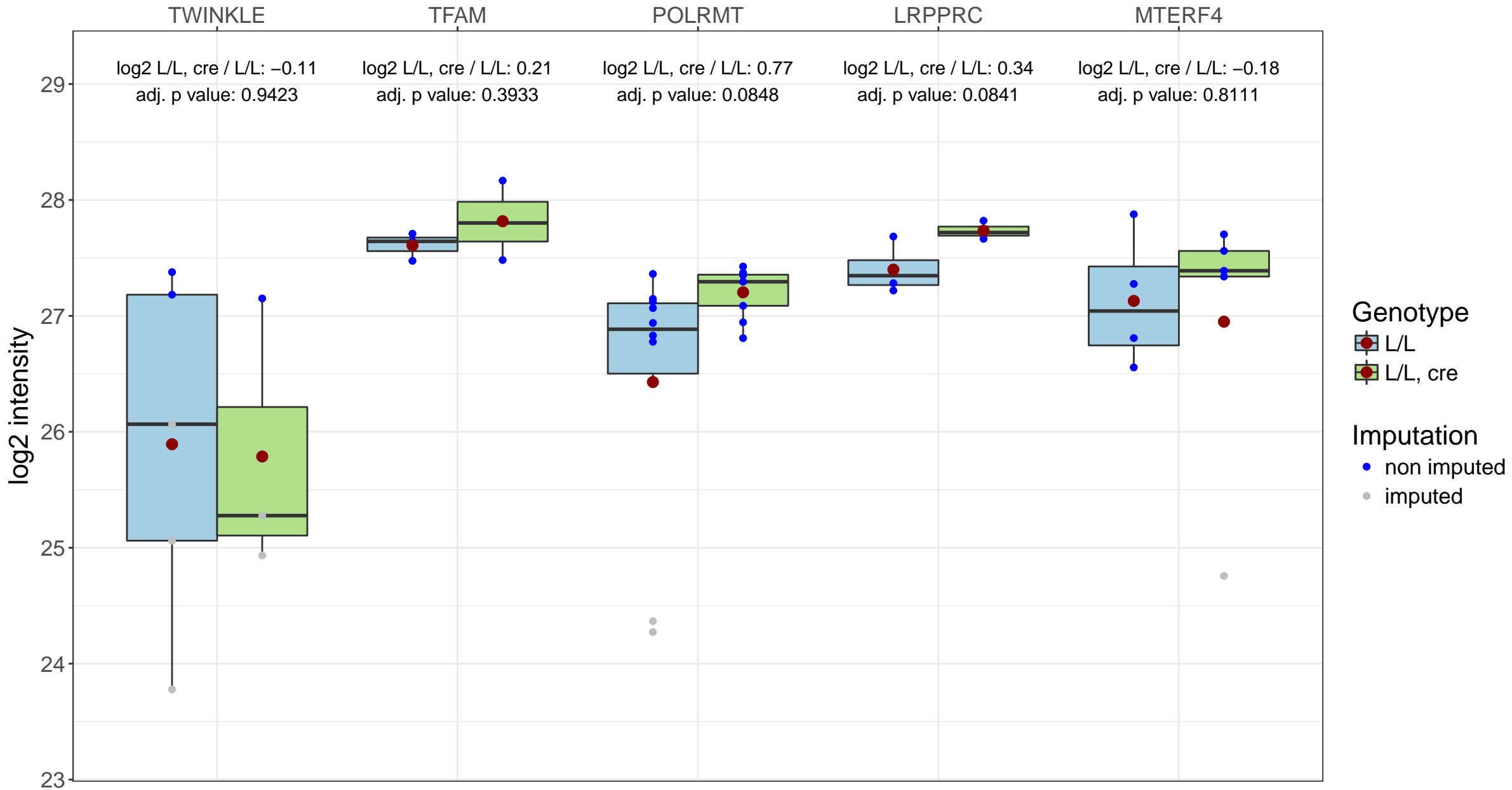
# TMEM143 / G3X9F4



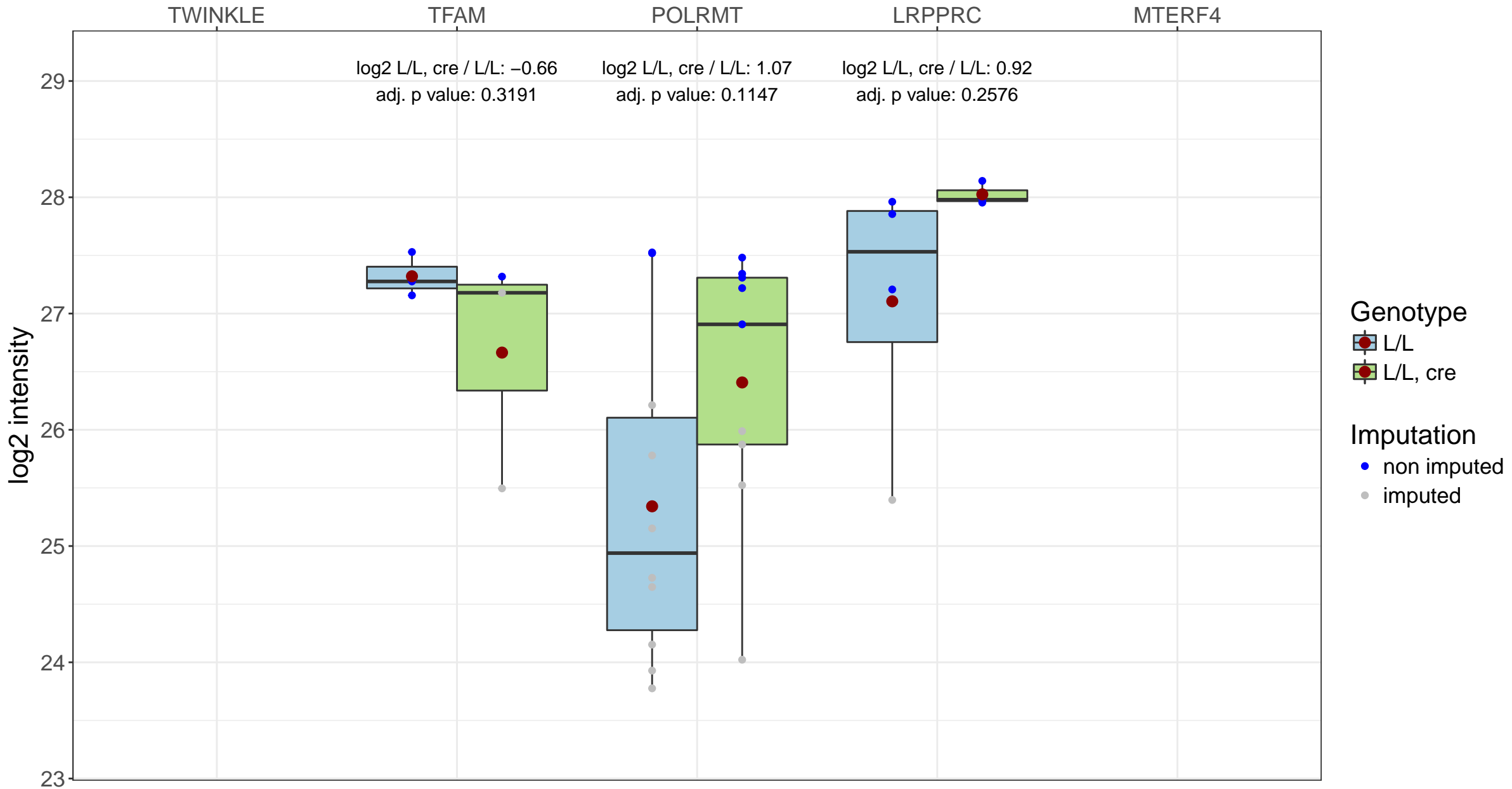
# TMEM160 / Q9D938



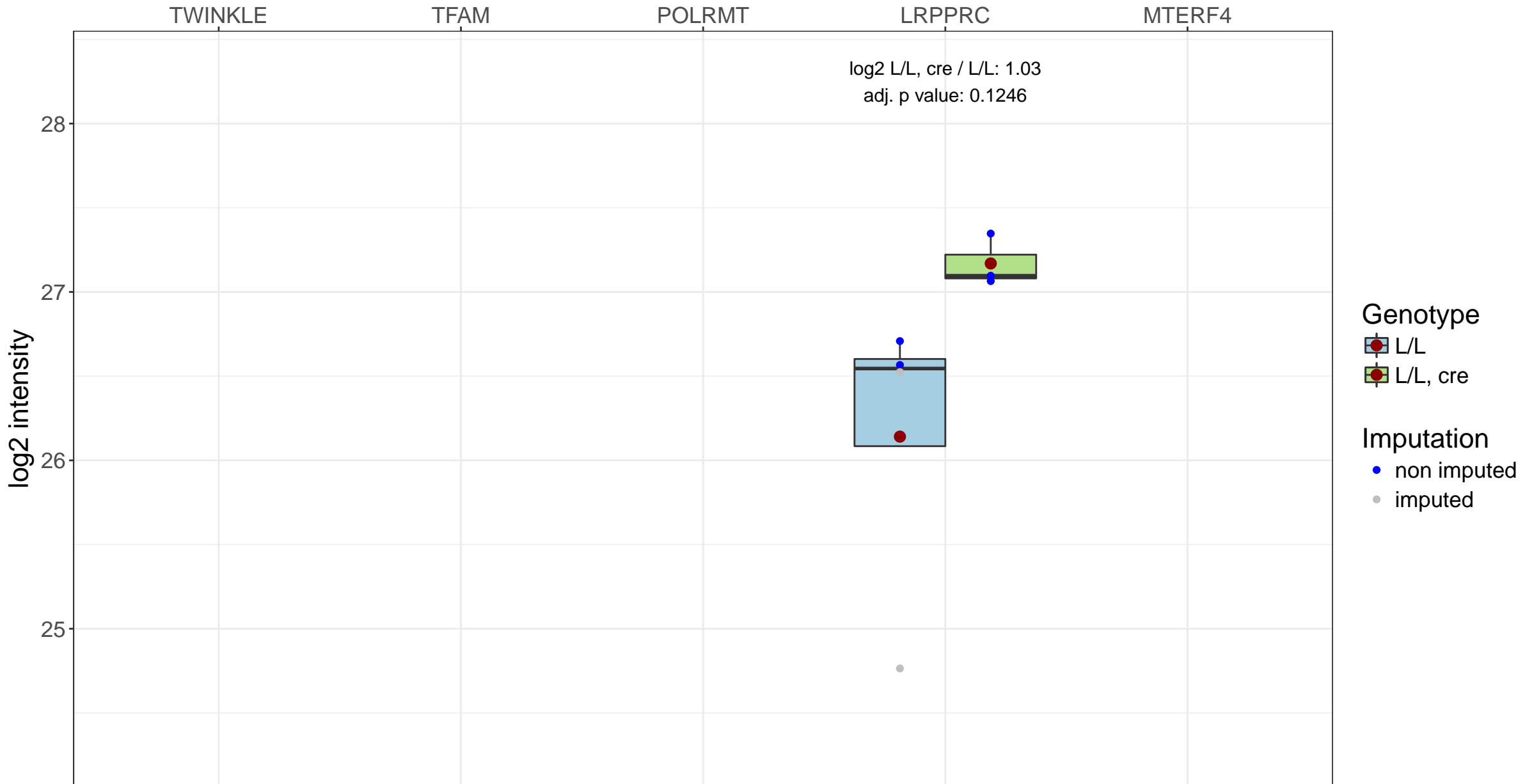
# TMEM177 / Q8BPE4



# TMEM186 / Q9CR76

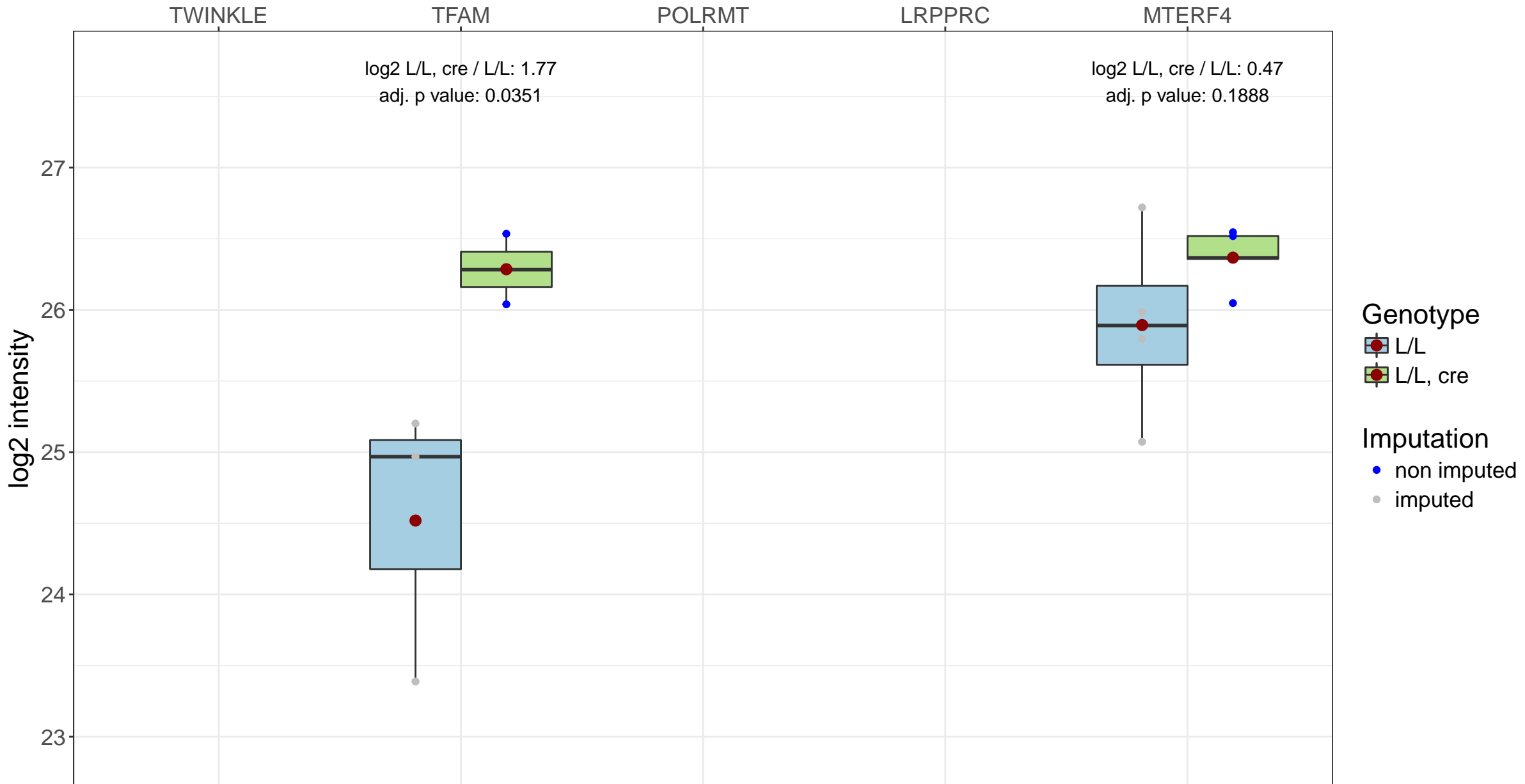


# TMEM223 / Q9CQE2

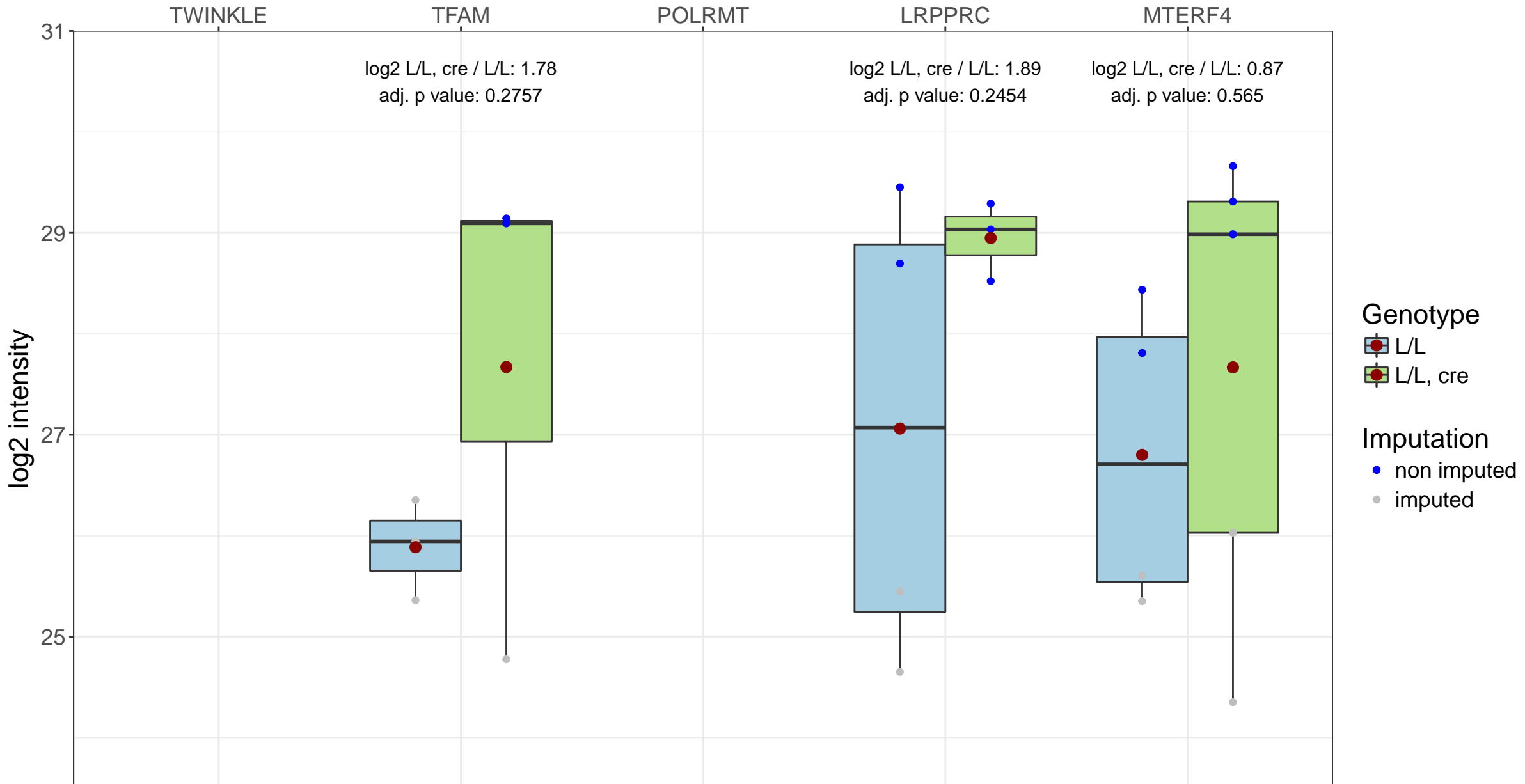




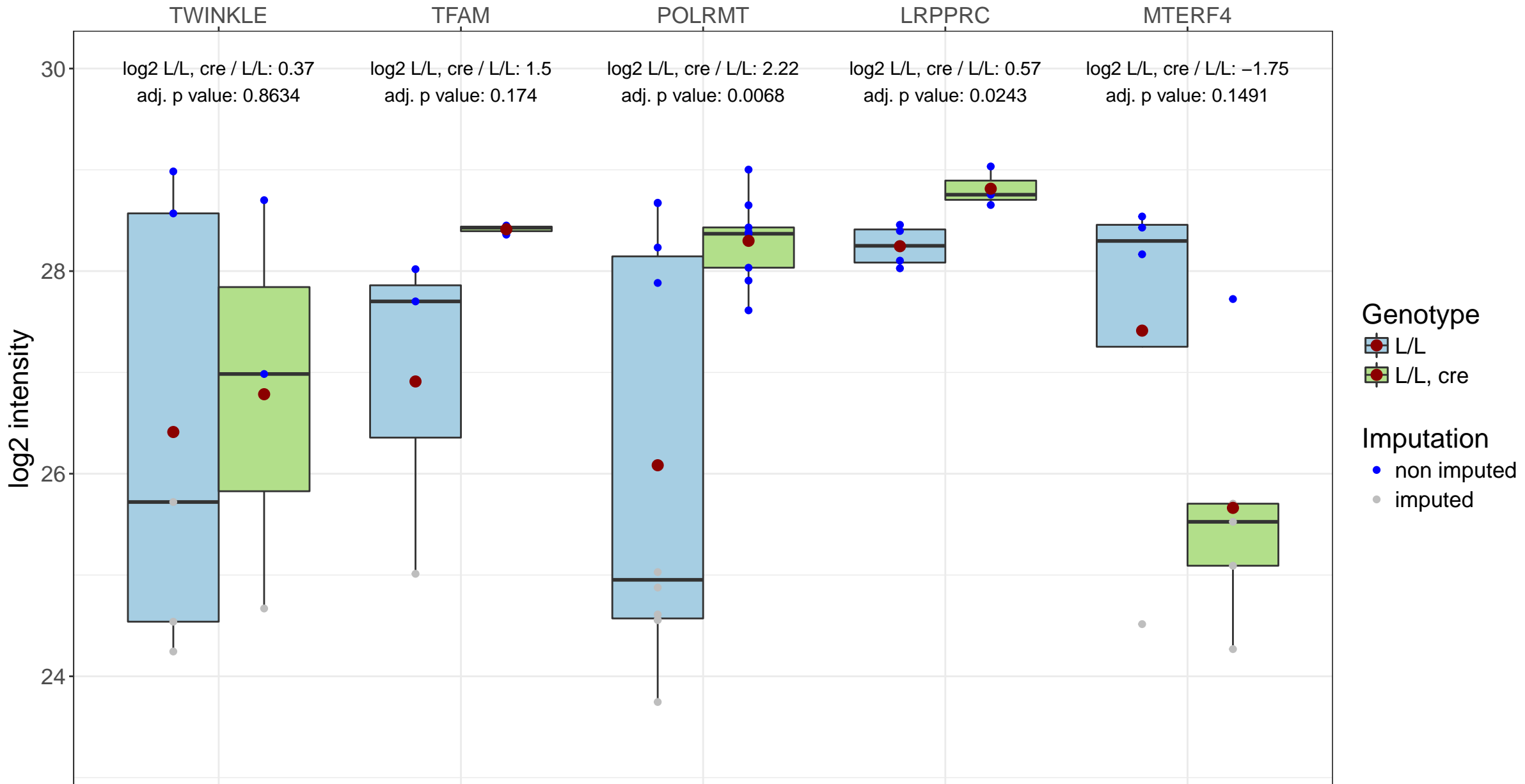
# TMEM242 / Q8VCR3



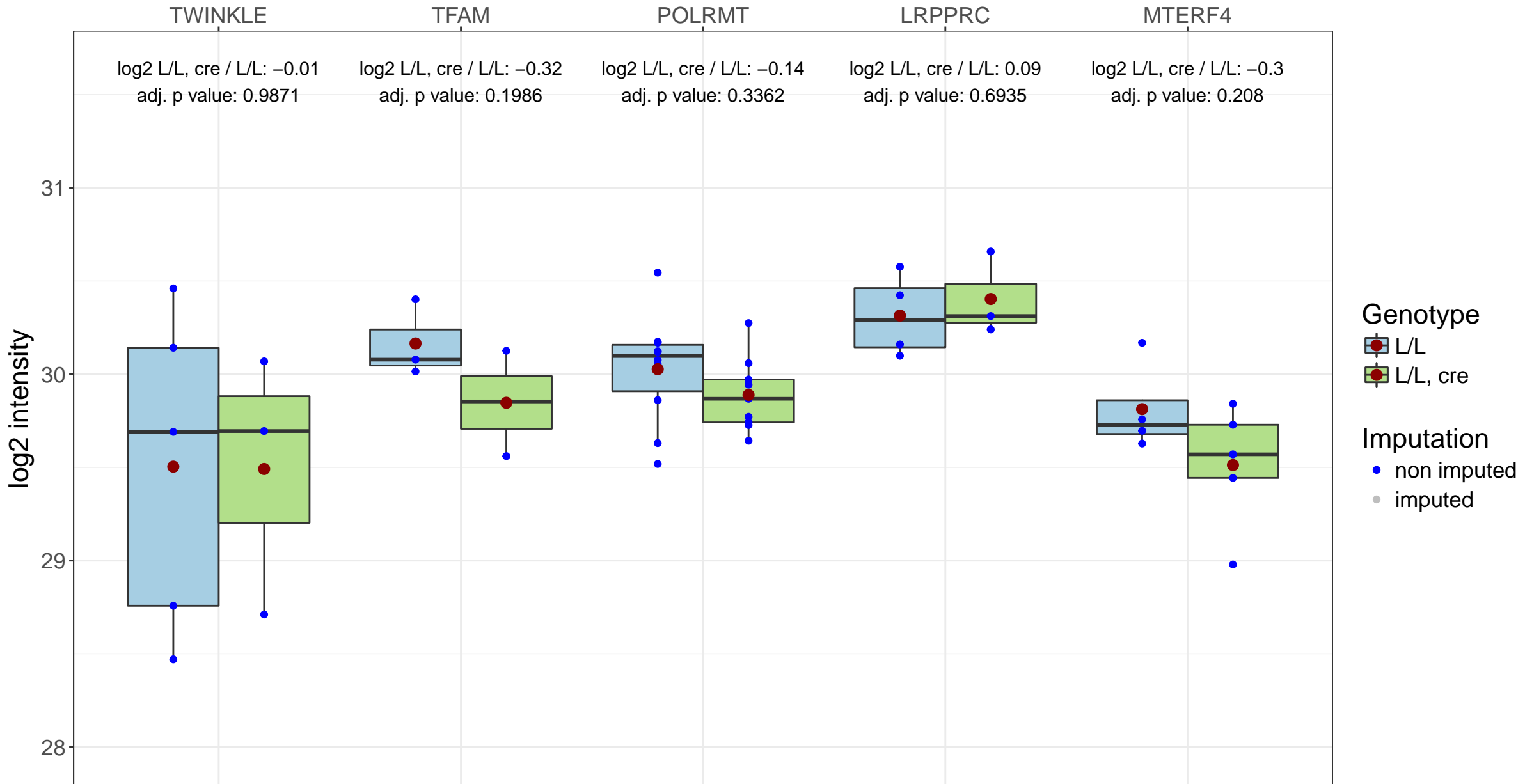
# TMEM256 / Q5F285



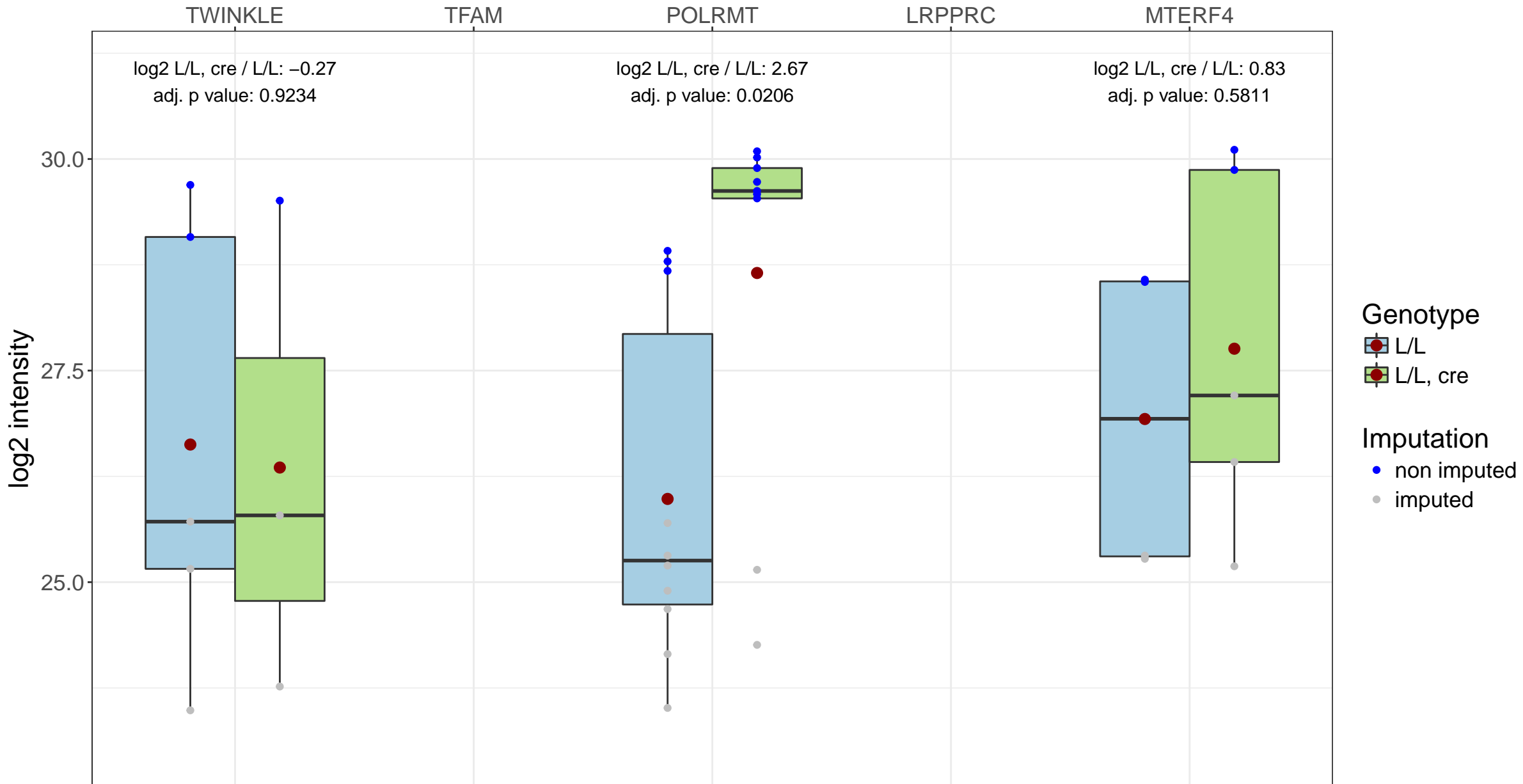
# TMEM261 / Q9CQ00



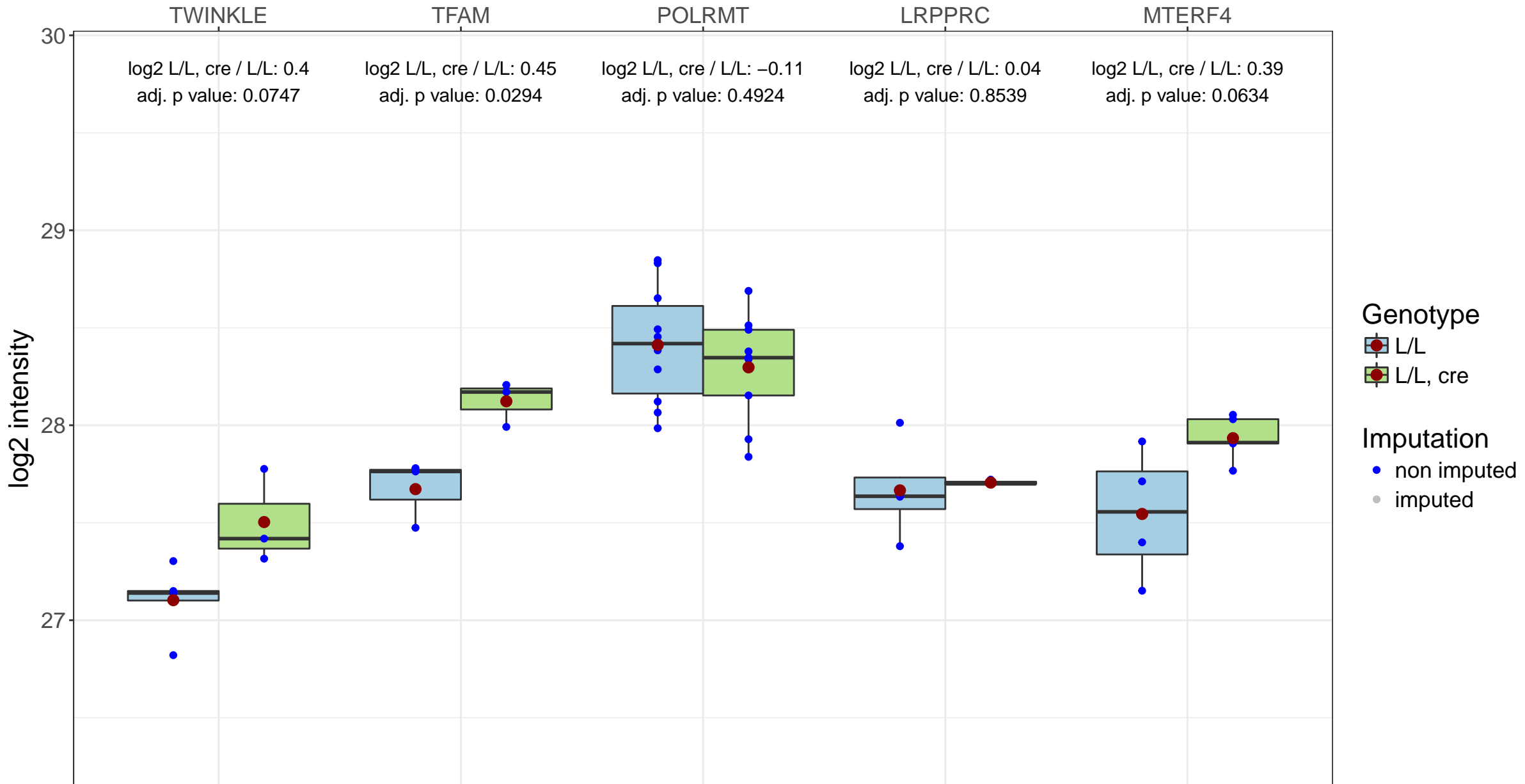
# TMEM65 / Q4VAE3



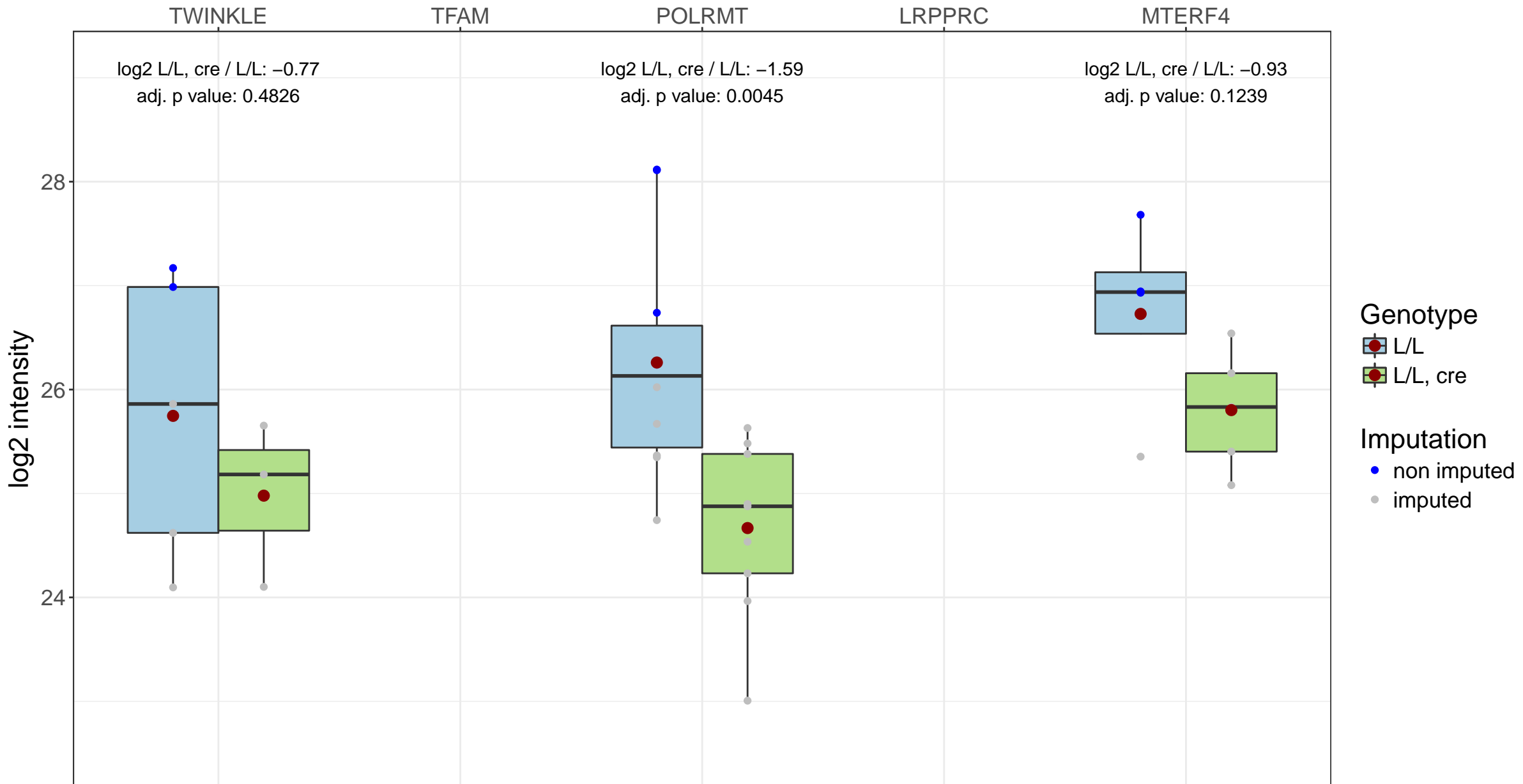
# TMEM70 / Q921N7



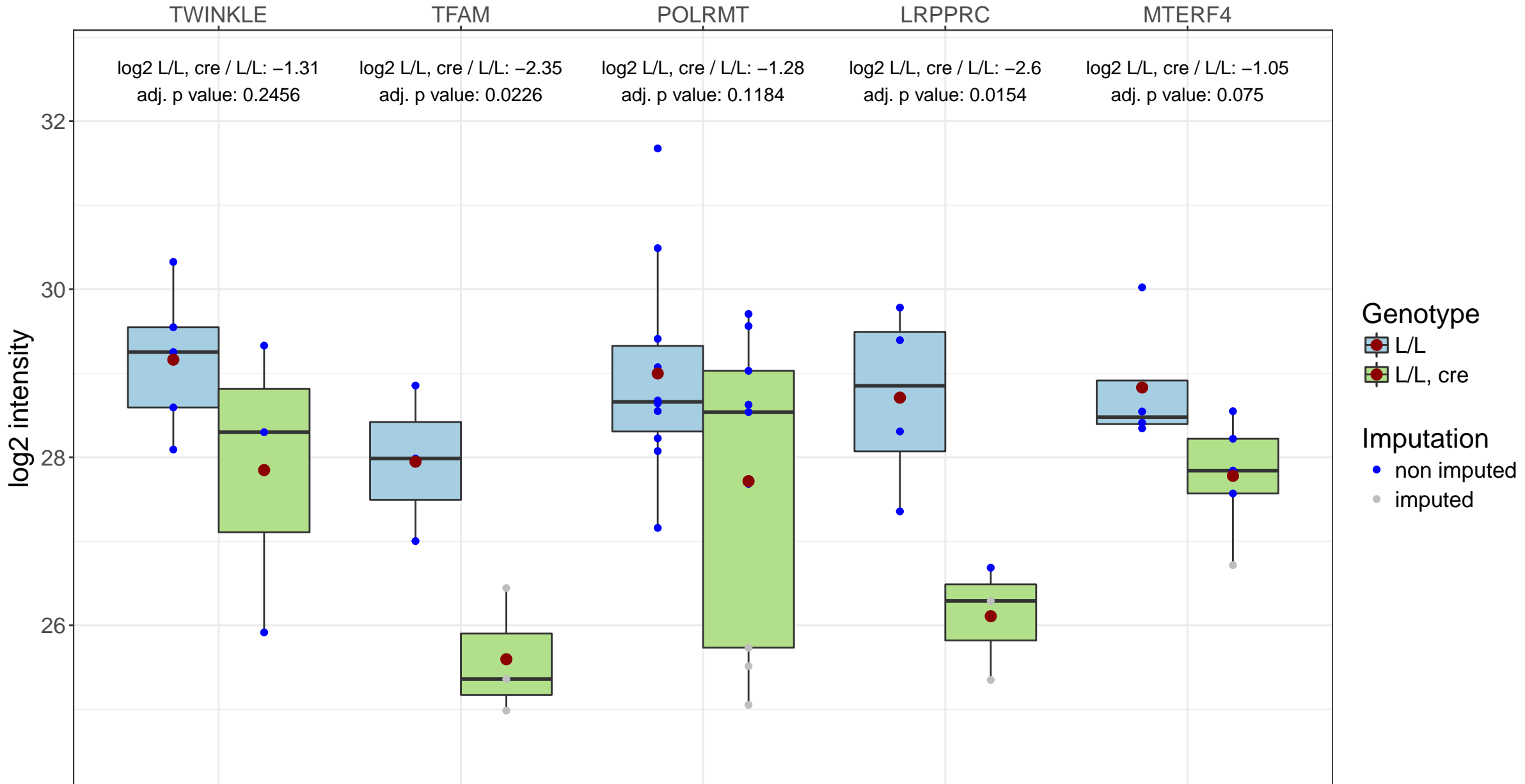
# TMLHE / Q91ZE0



# TNNC1 / P19123

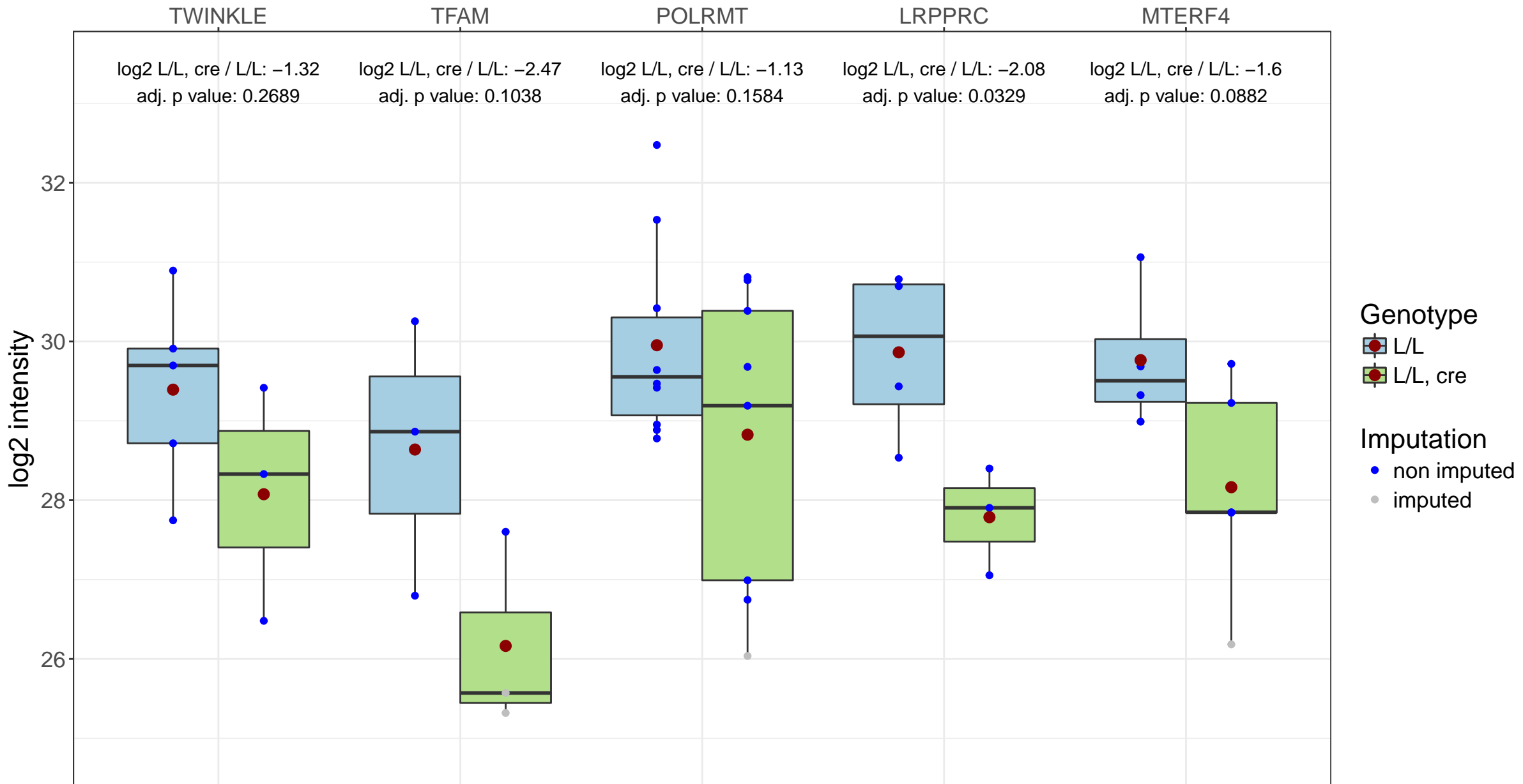


# TNNI3 / P48787

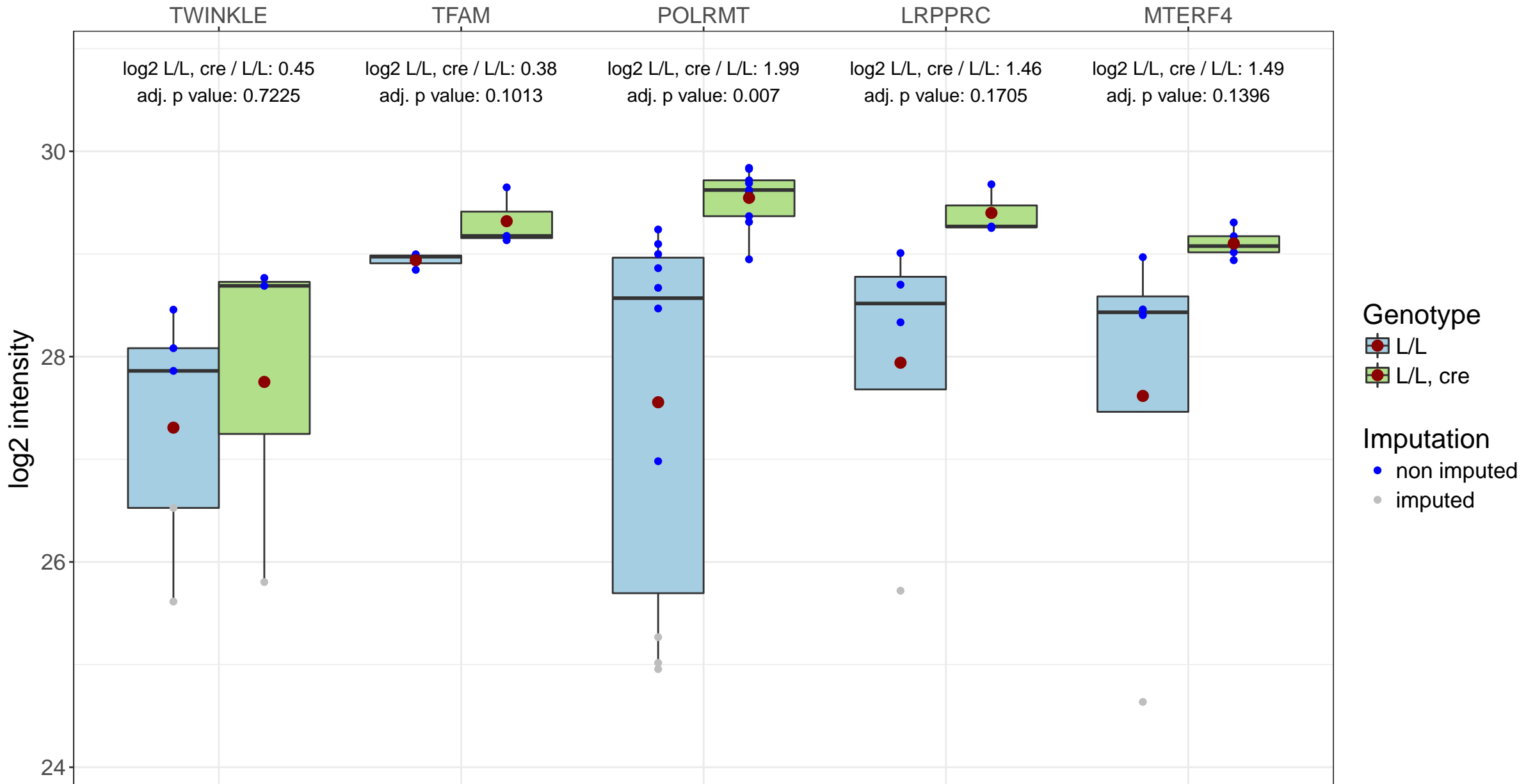




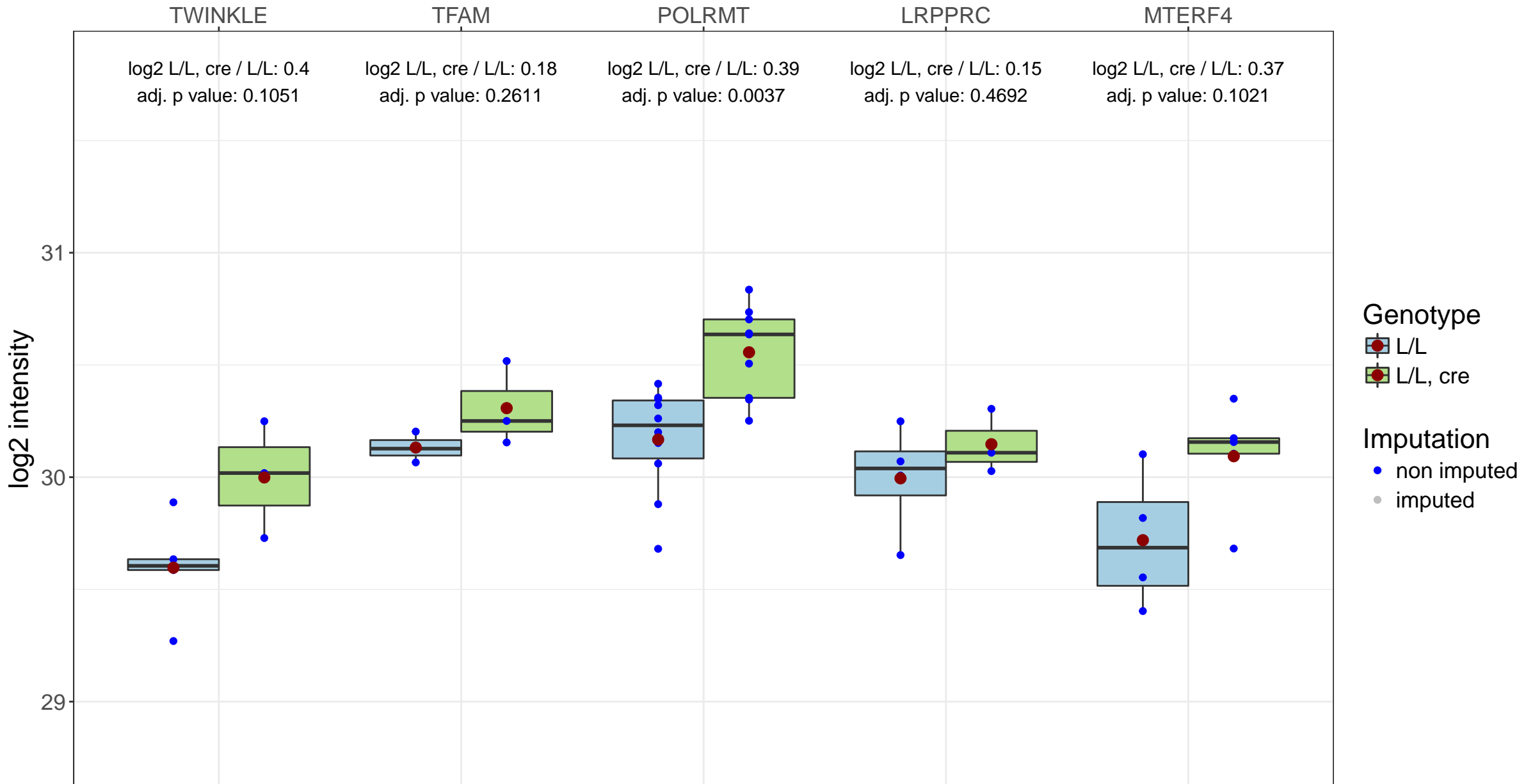
# TNNT2 / K3W4R6



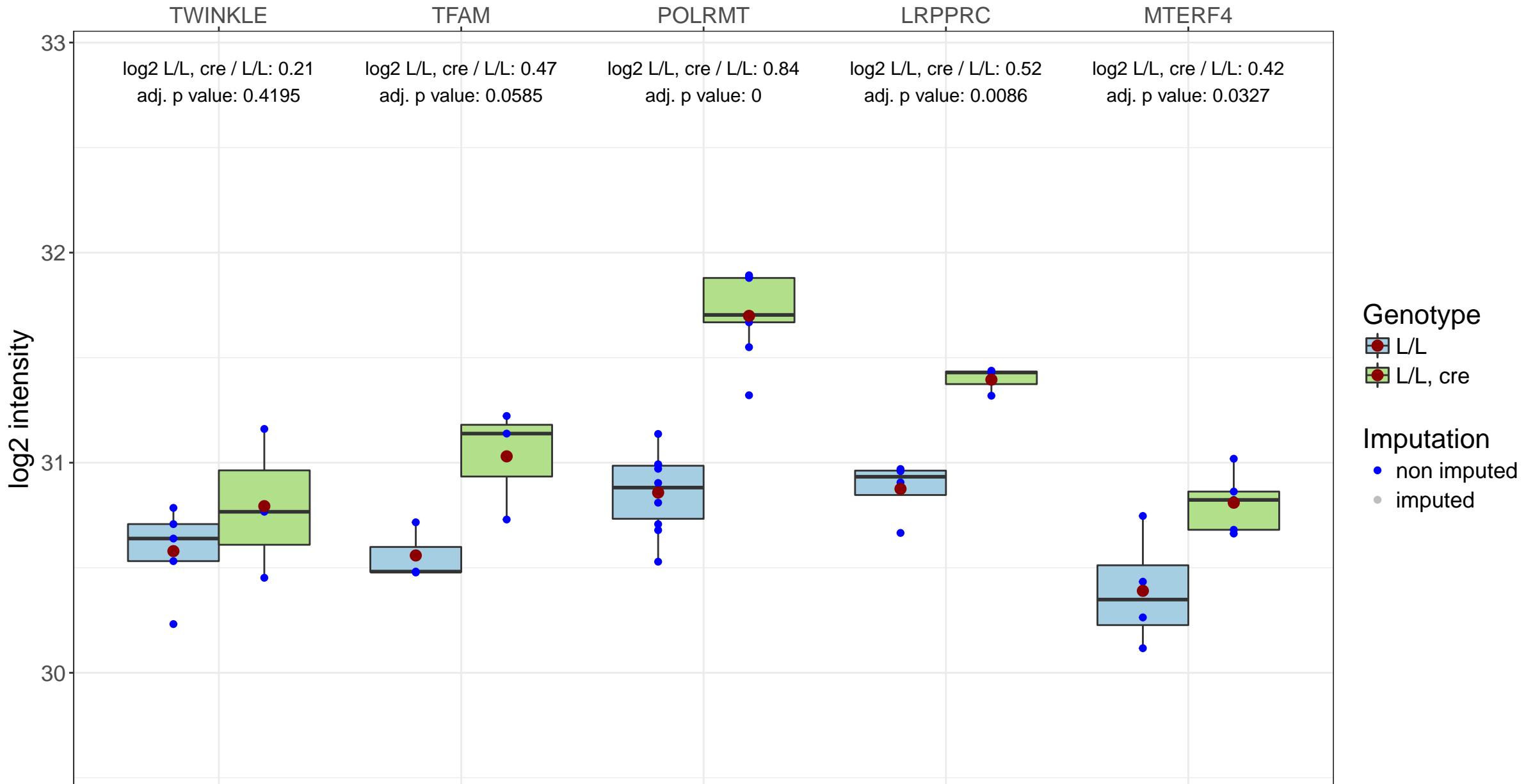
# TOMM20 / Q9DCC8



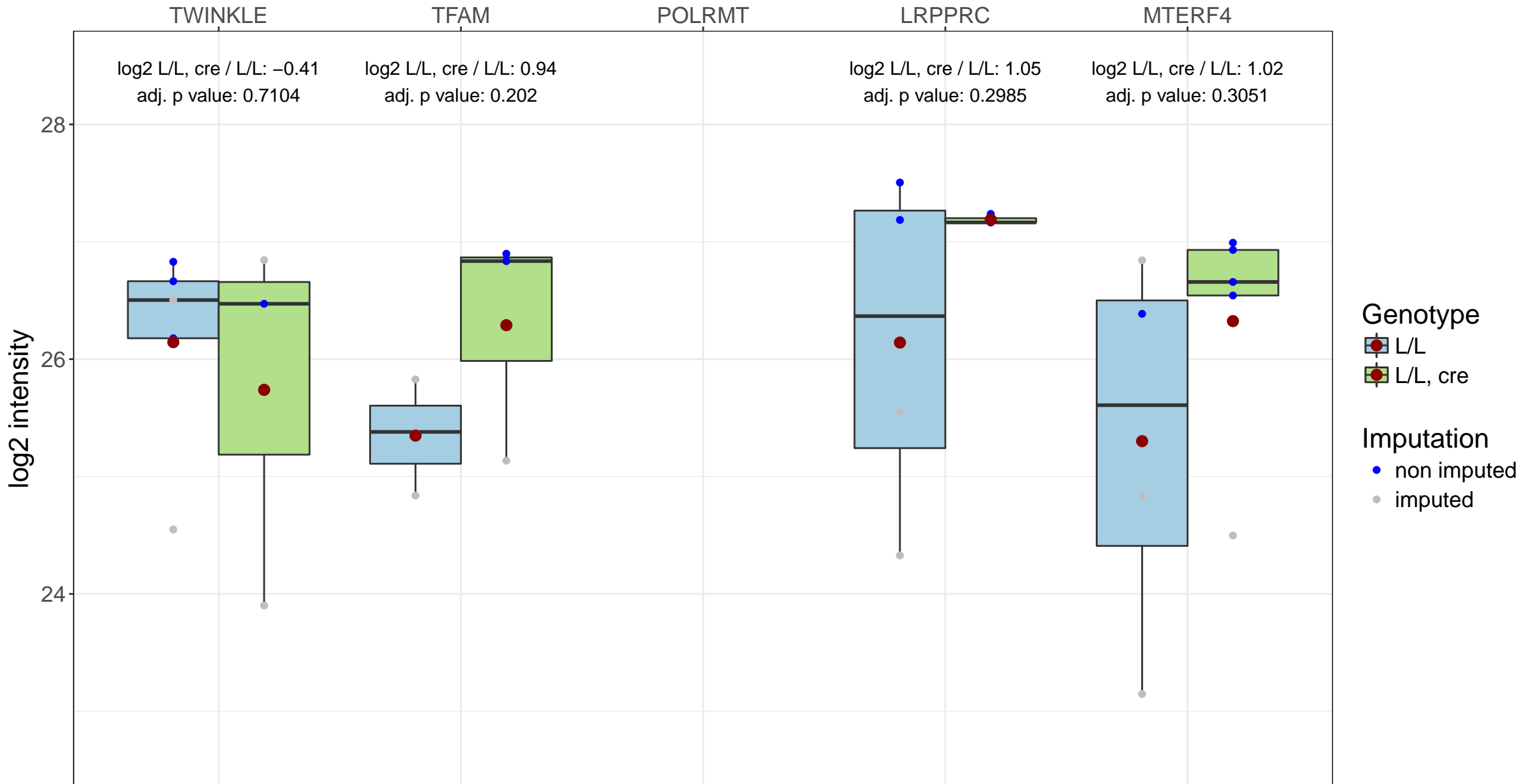
# TOMM22 / Q9CPQ3



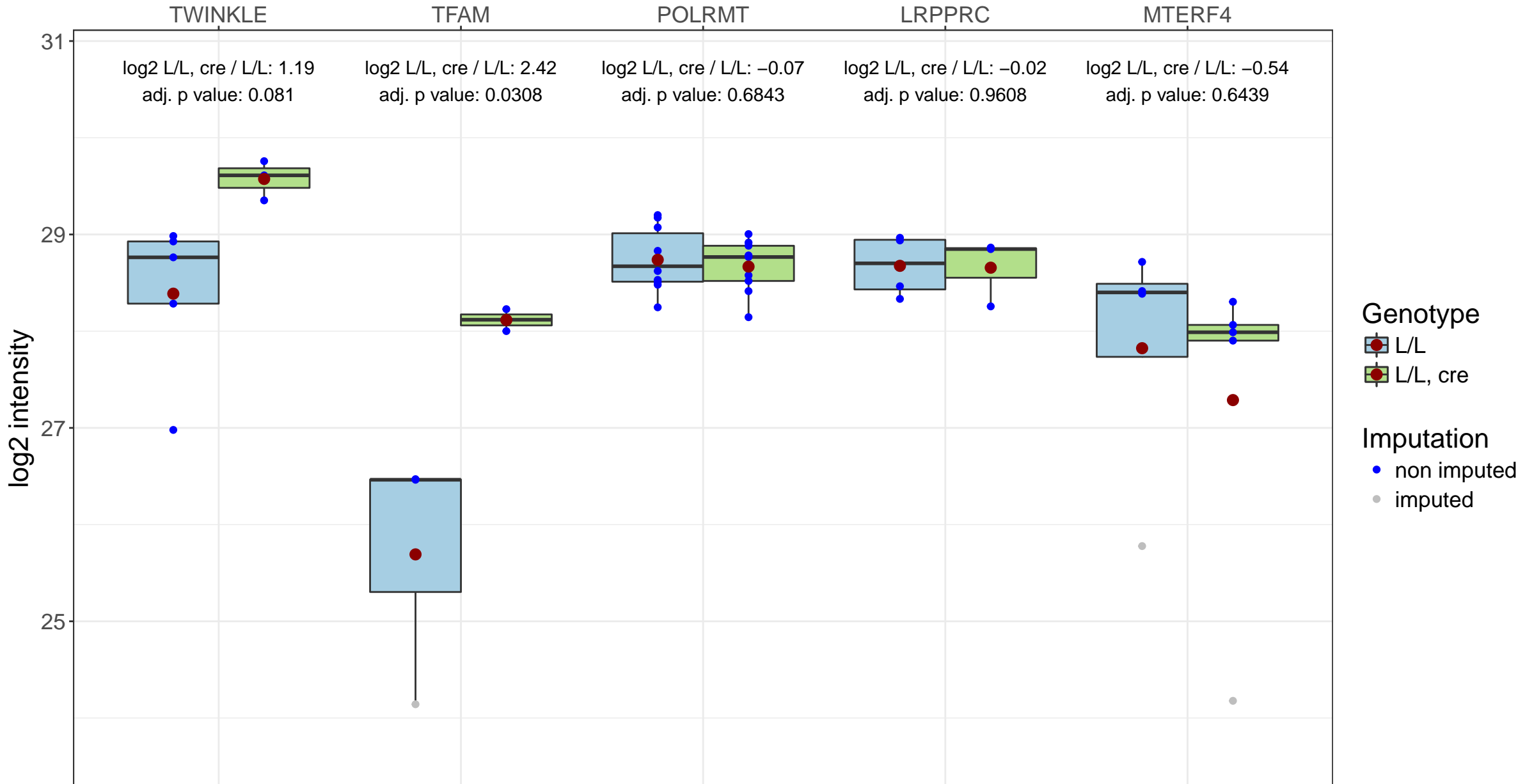
# TOMM40 / Q9QYA2



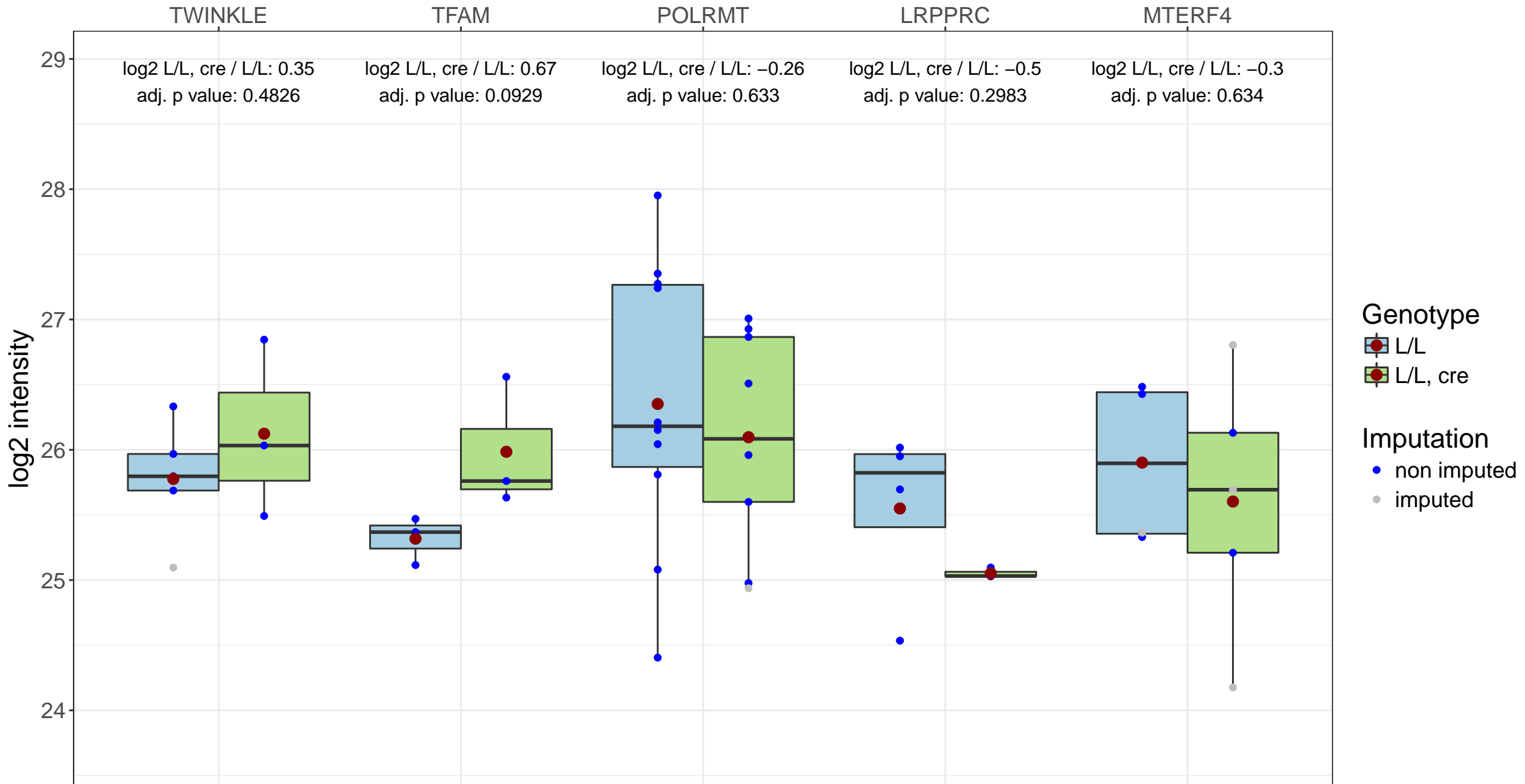
# TOMM40L / Q9CZR3



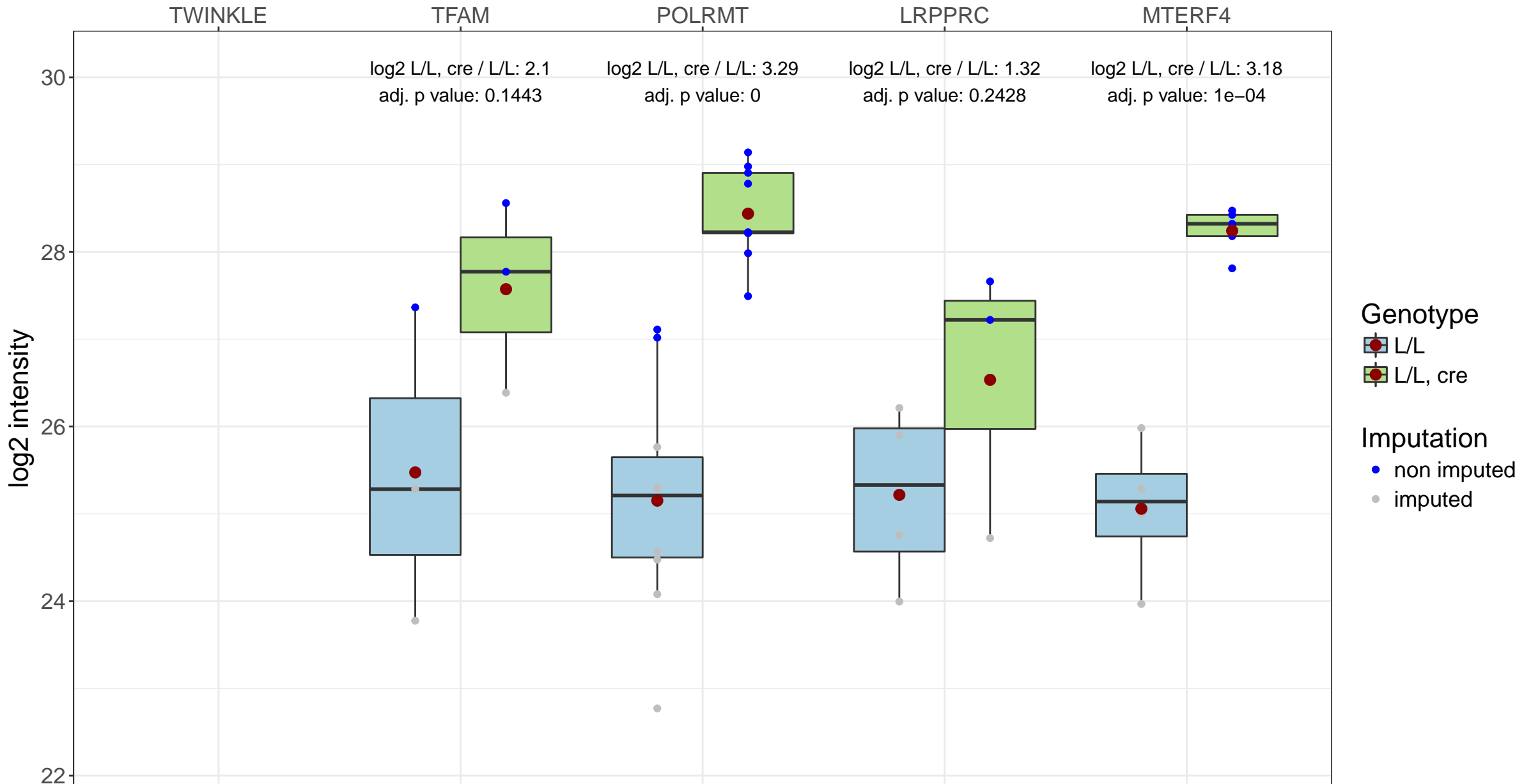
# TOMM5 / B1AXP6-2



# TOMM6 / Q9CQN3

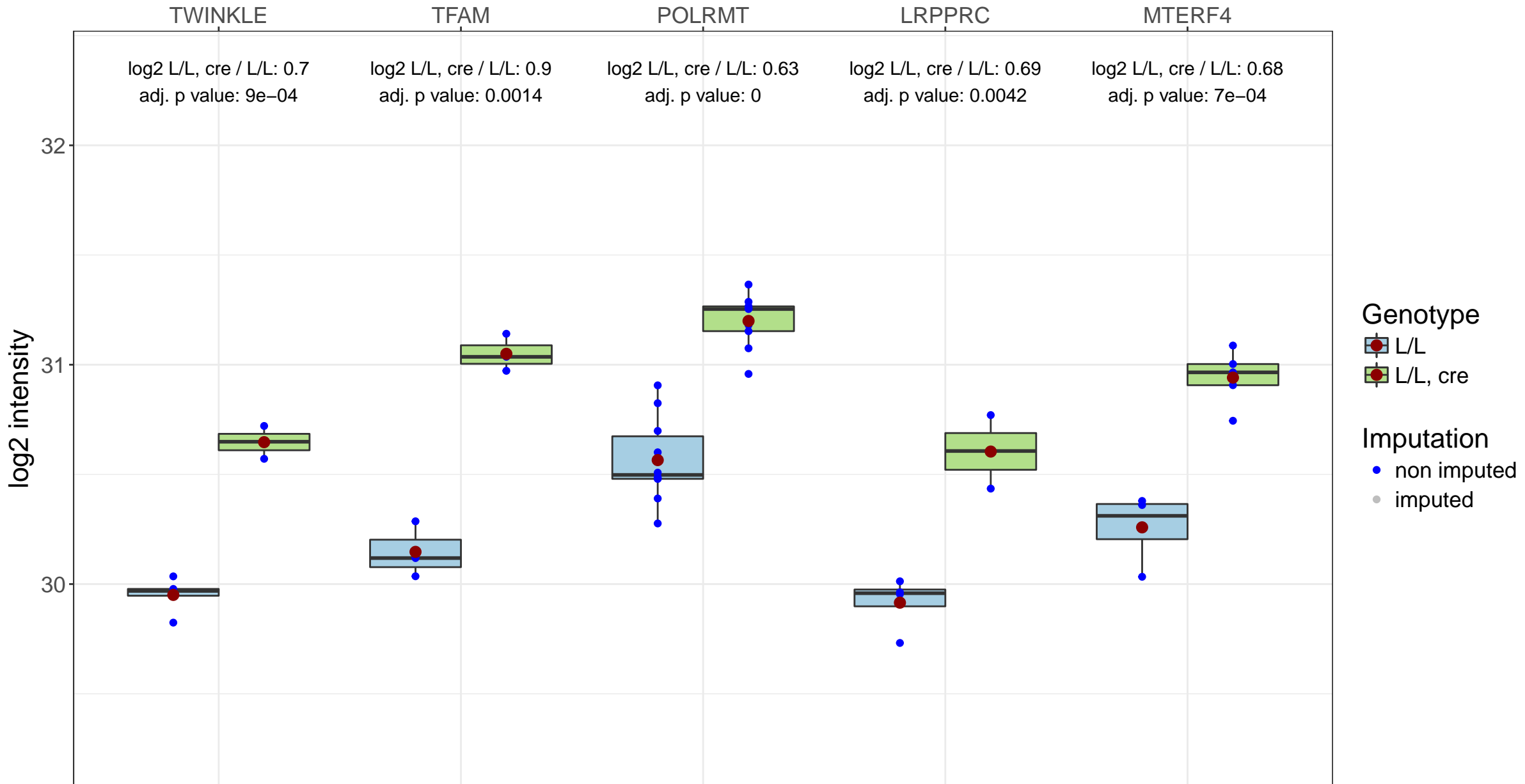


# TOMM7 / Q9D173

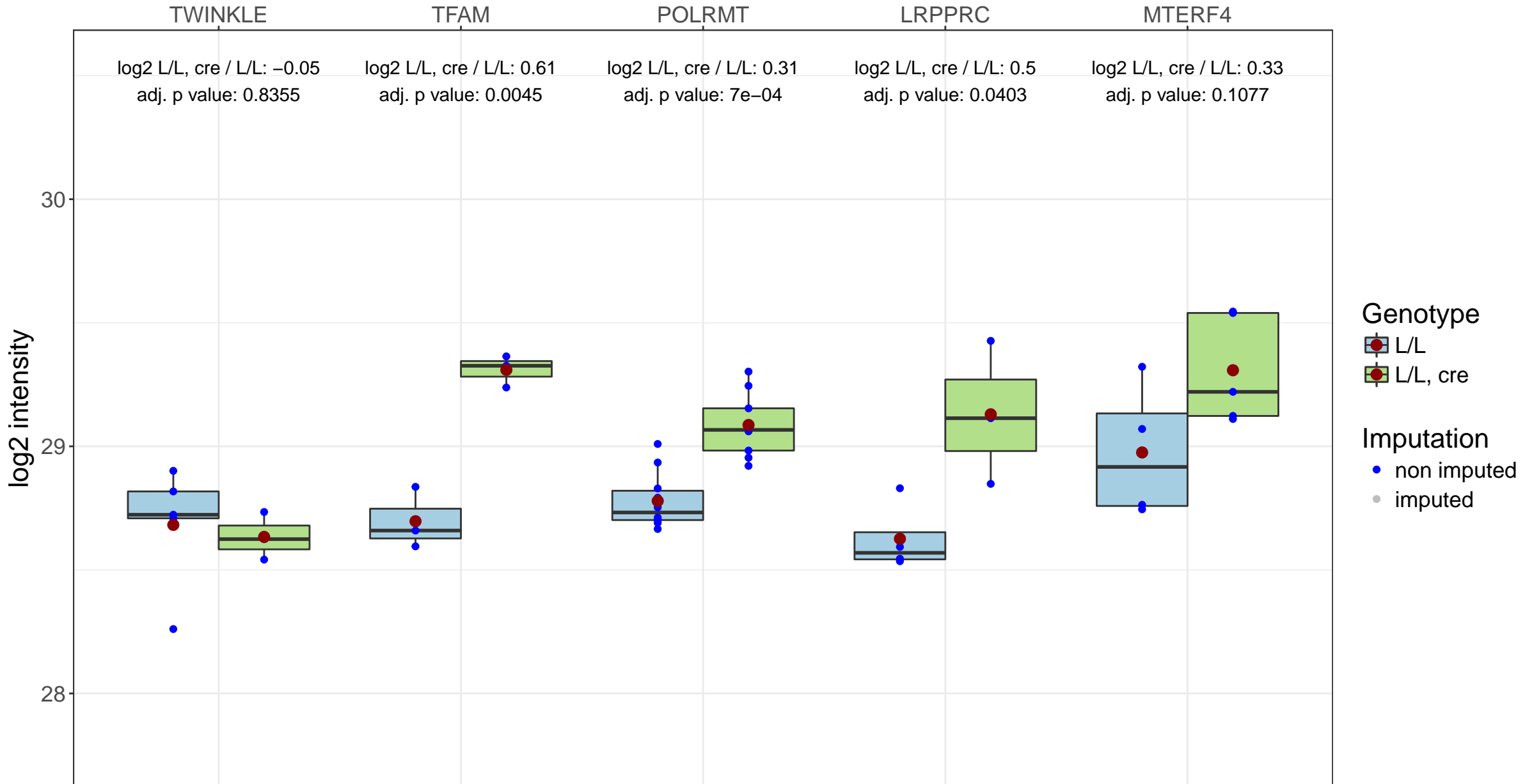




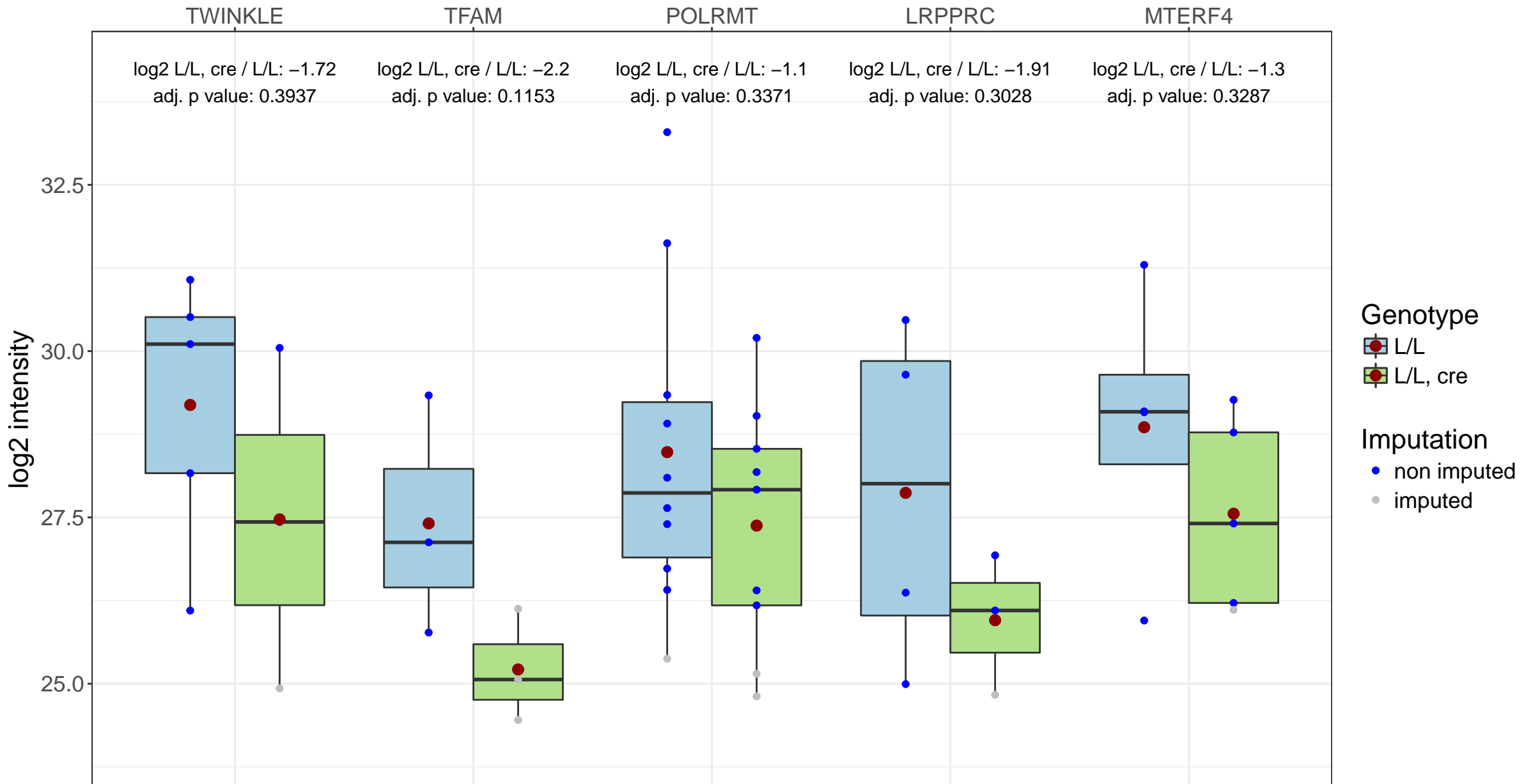
# TOMM70A / Q9CZW5



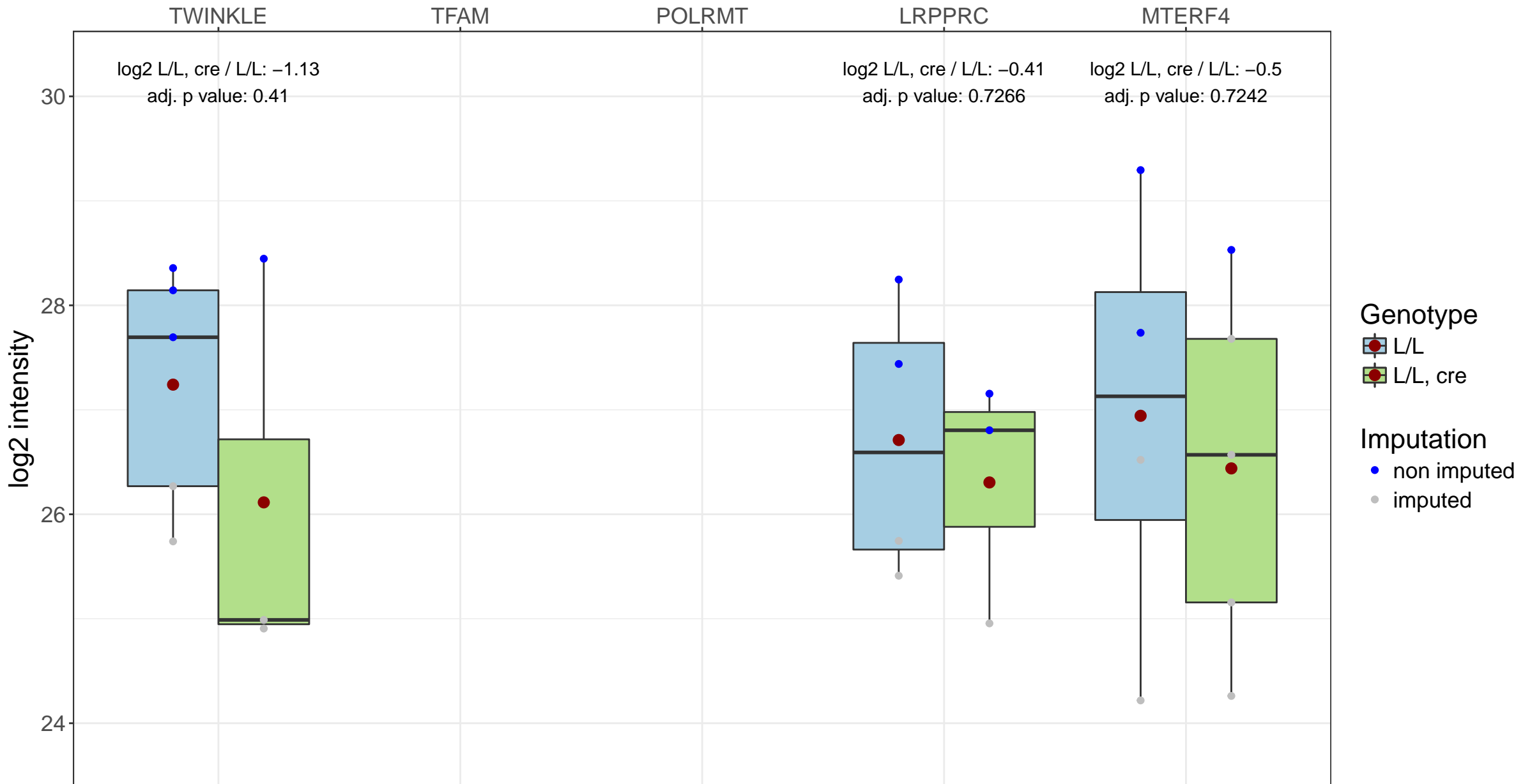
# TPI1 / P17751



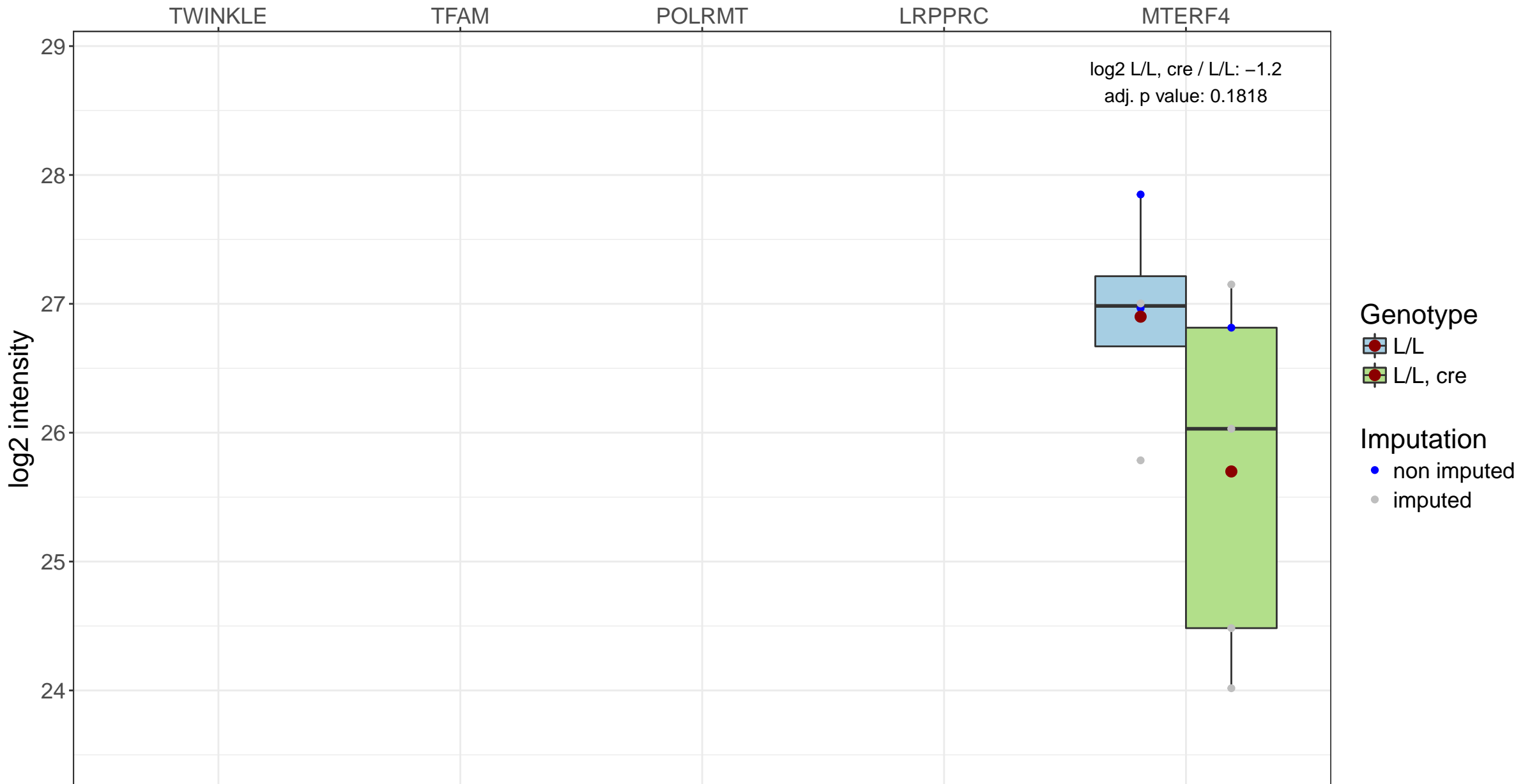
# TPM1 / F8WID5



# TPM1 / P58771



# TPP1 / O89023



# TRABD / E9Q8R5

TWINKLE

TFAM

POLRMT

LRPPRC

MTERF4

log<sub>2</sub> intensity

27

26

25

24

log<sub>2</sub> L/L, cre / L/L: -0.07

adj. p value: 0.9254

Genotype

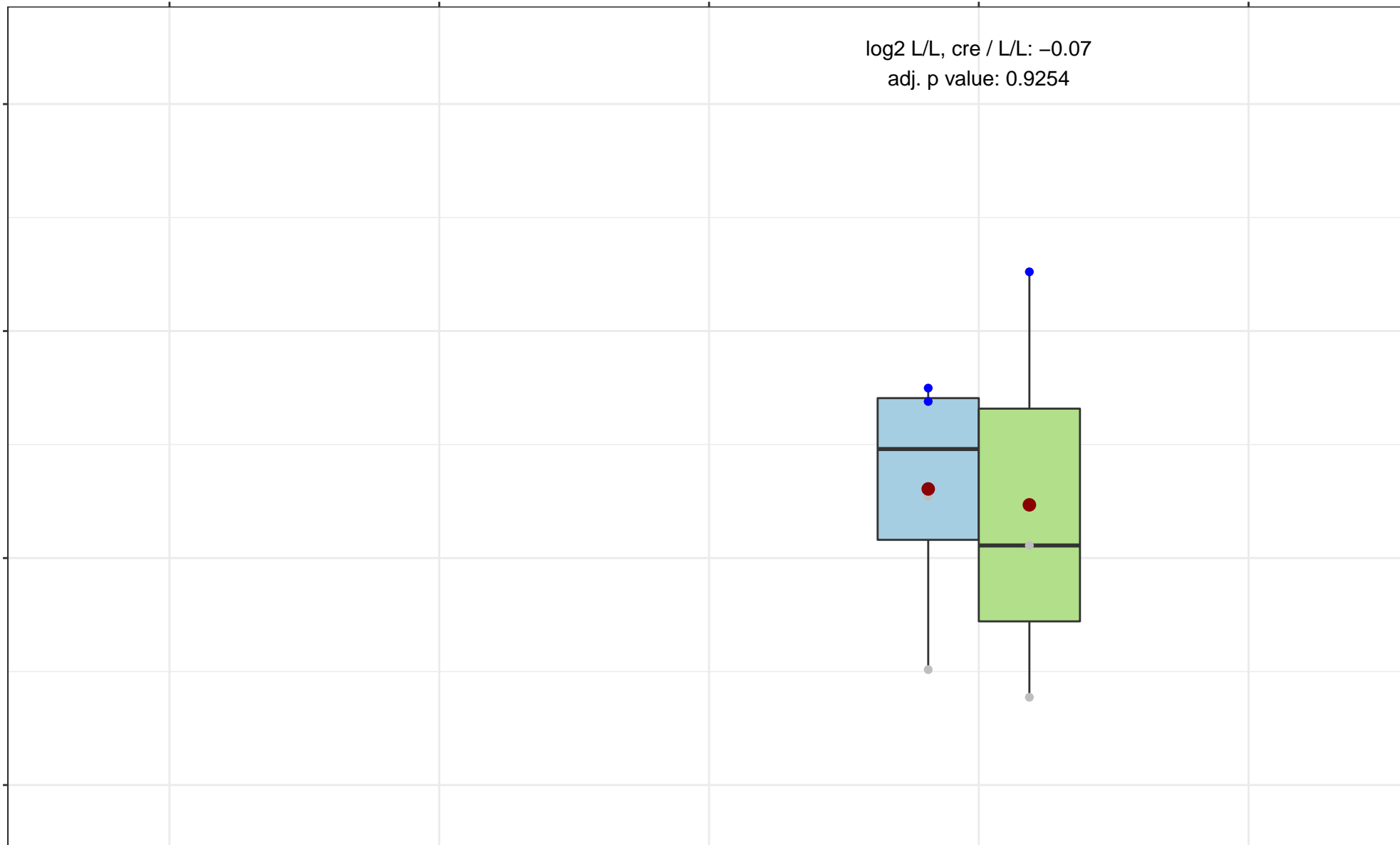
L/L

L/L, cre

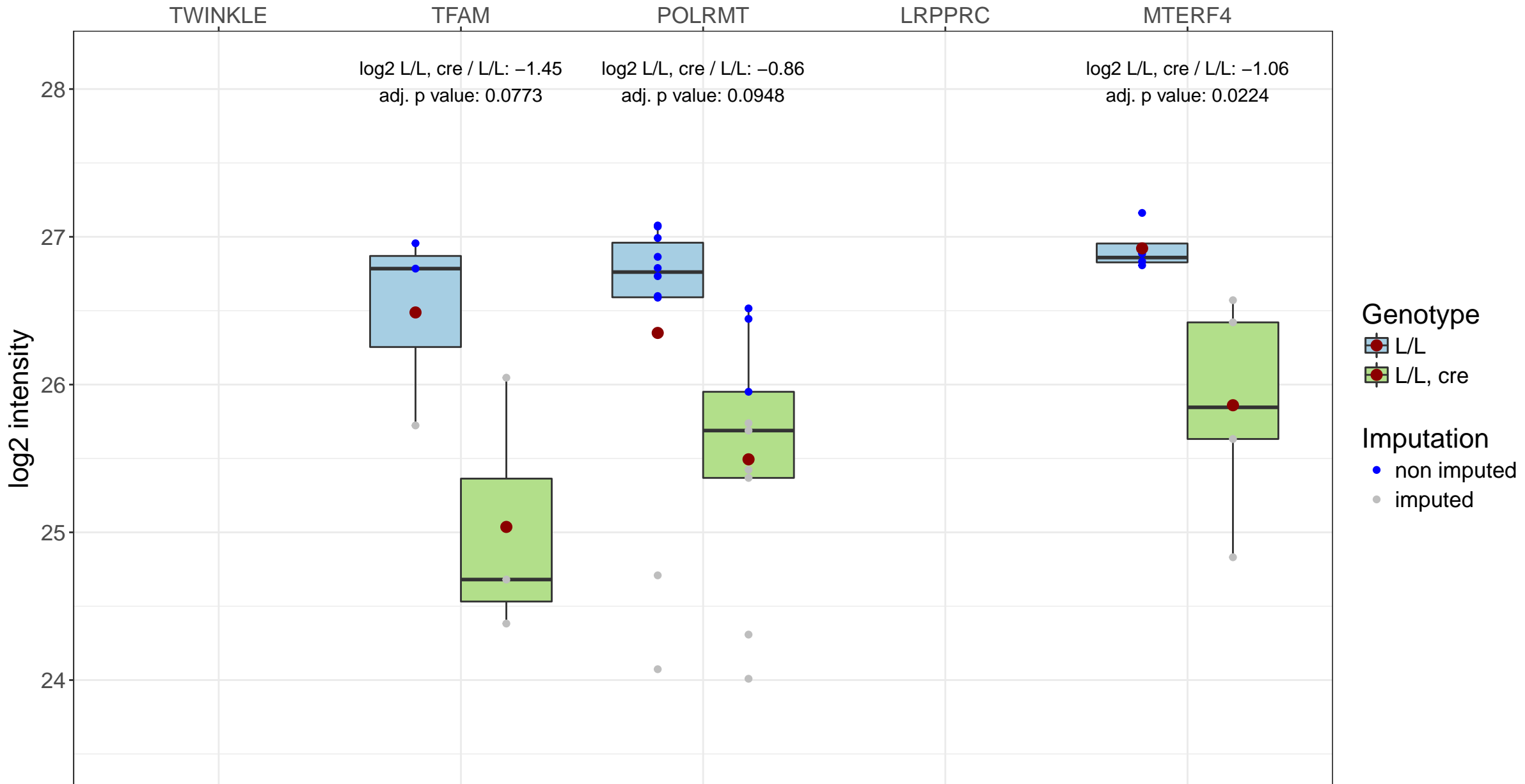
Imputation

non imputed

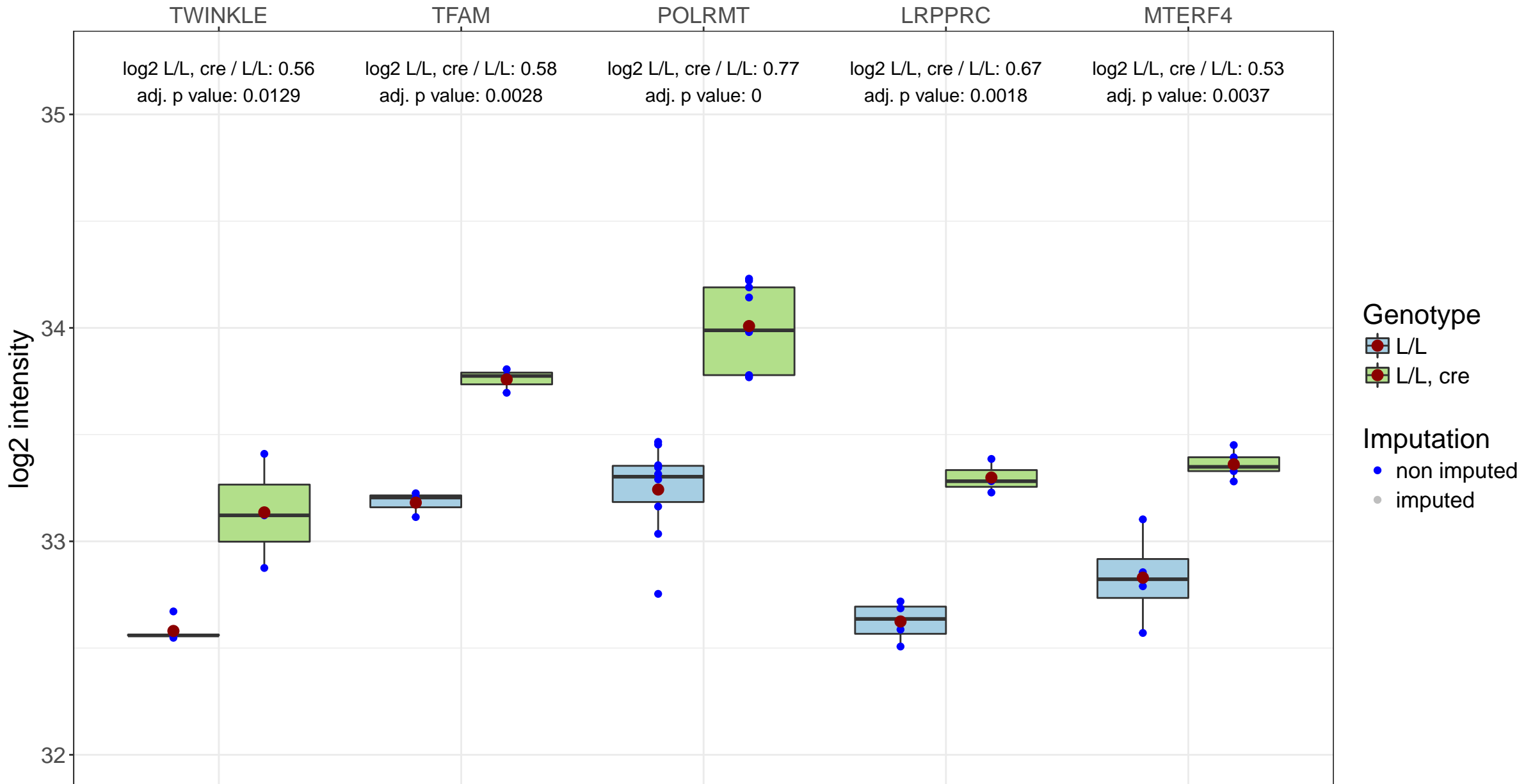
imputed



# TRAK1 / Q6PD31-2

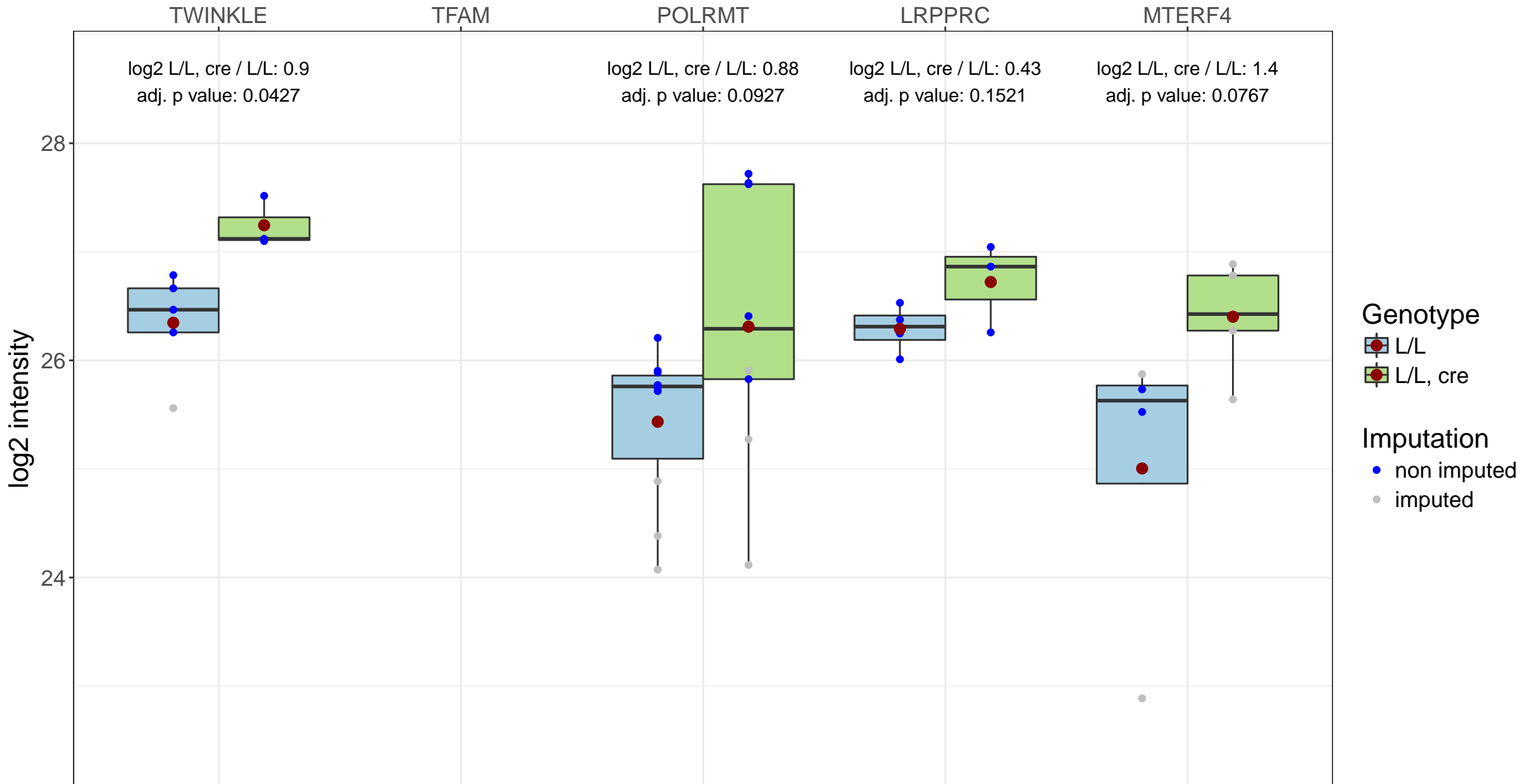


# TRAP1 / Q9CQN1

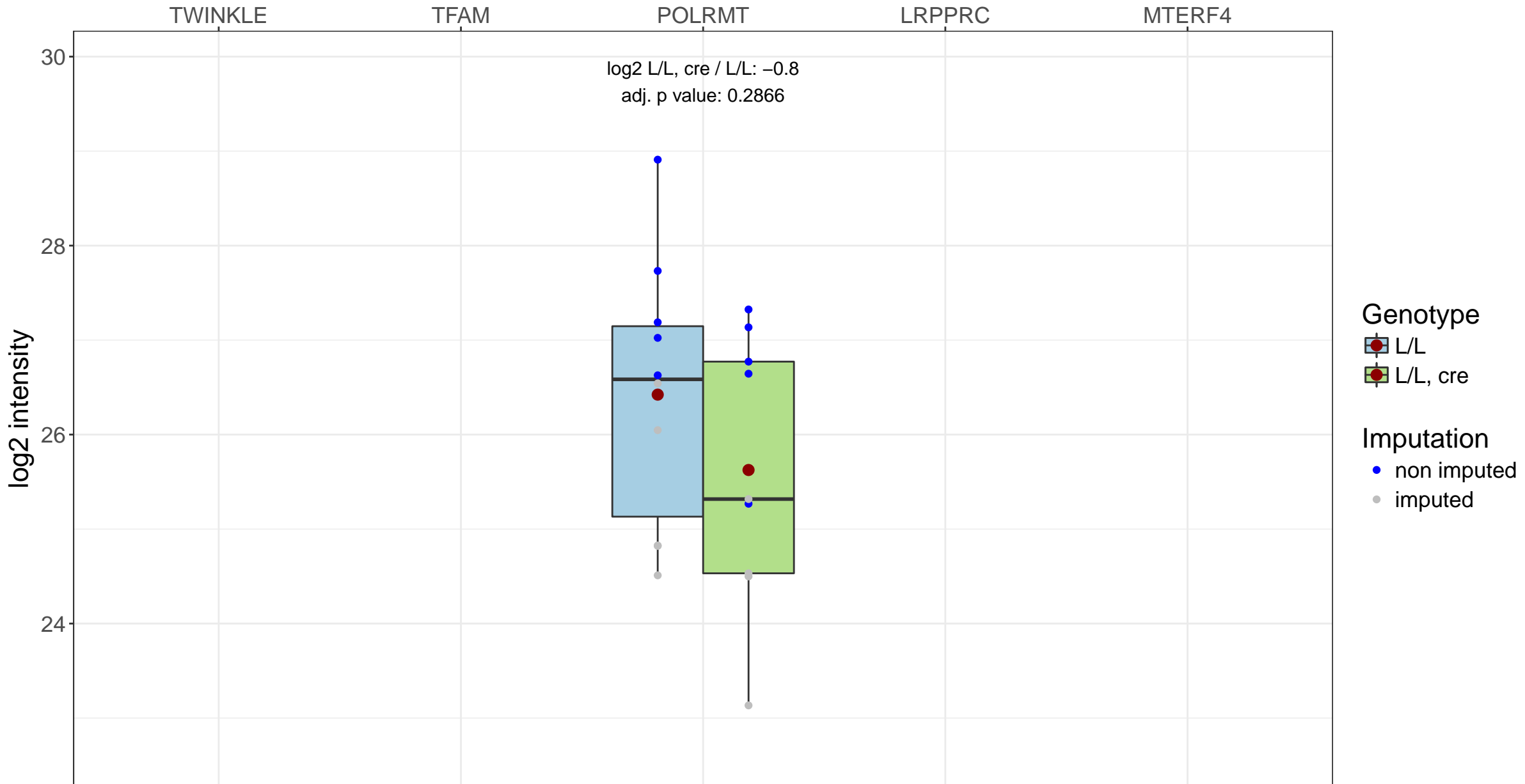




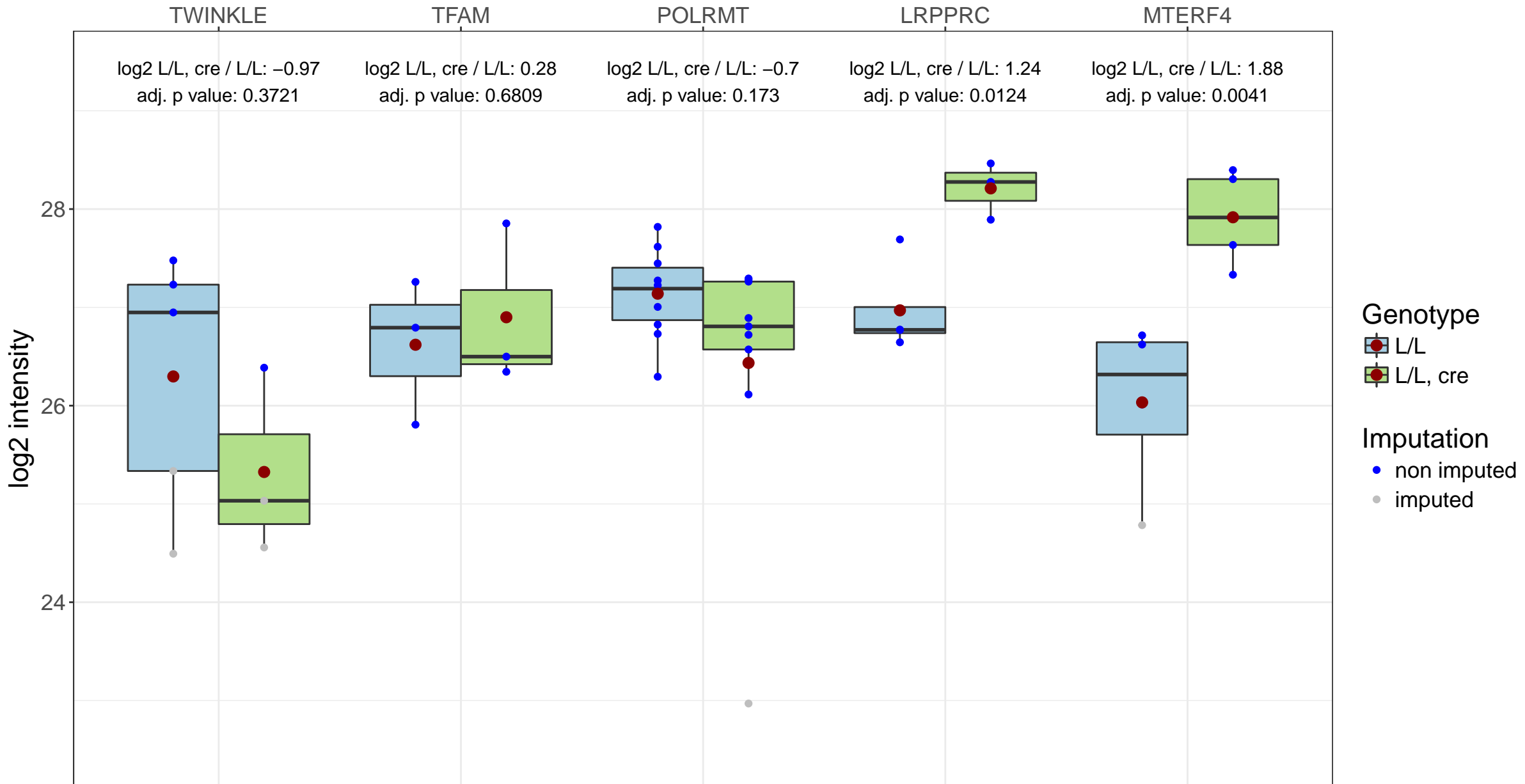
# TRIAP1 / Q9D8Z2



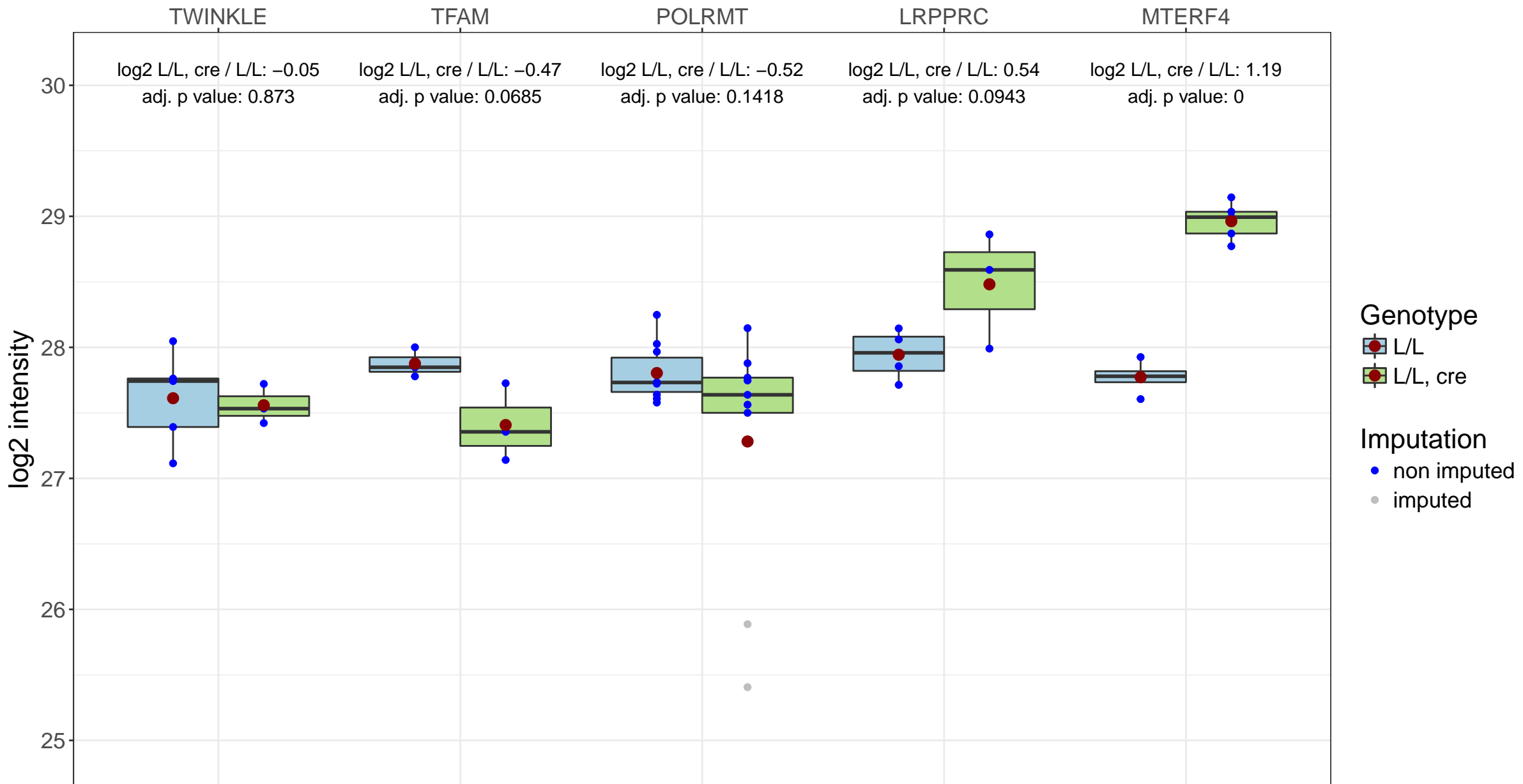
# TRIM72 / Q1XH17



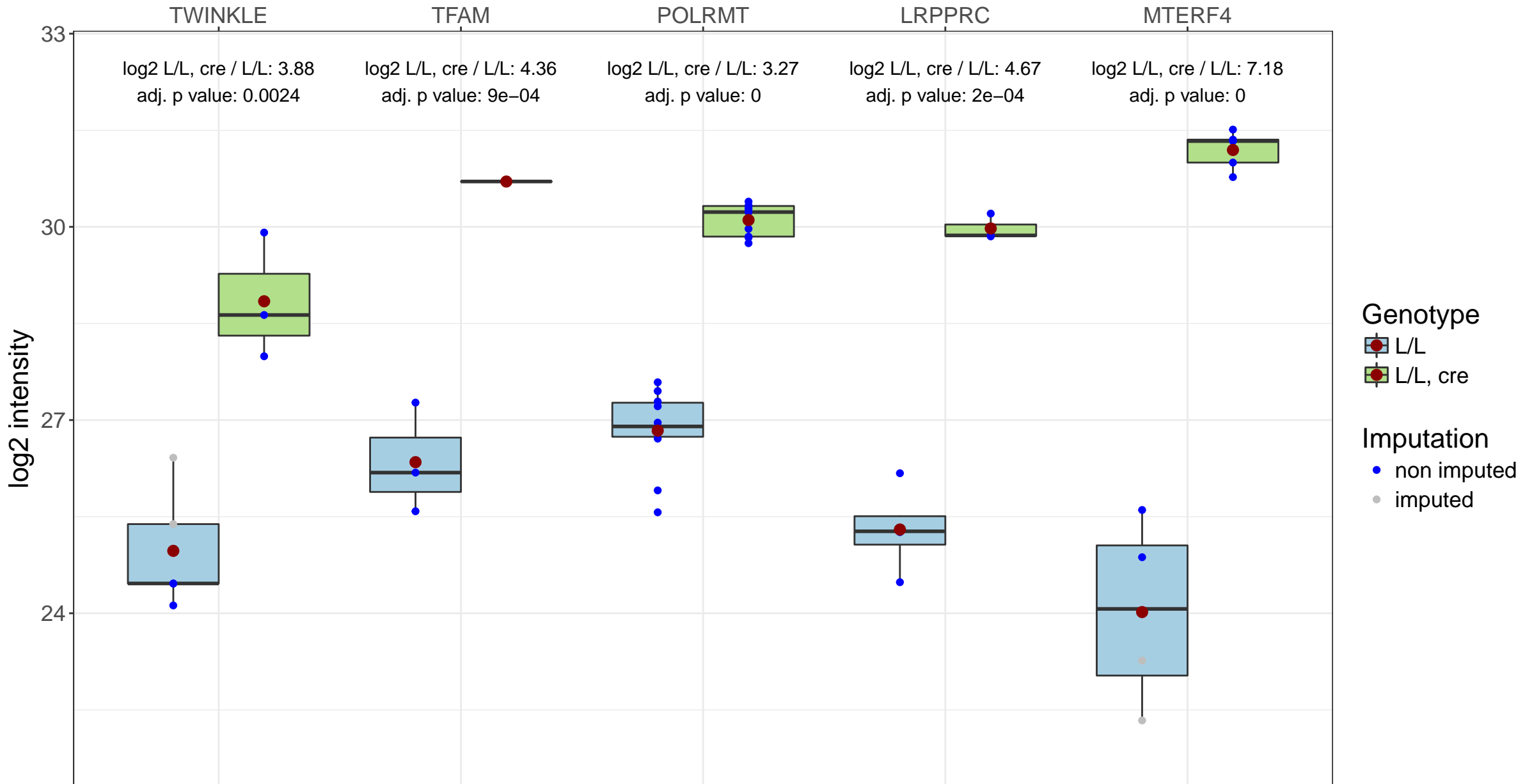
# TRMT10C / Q3UFY8



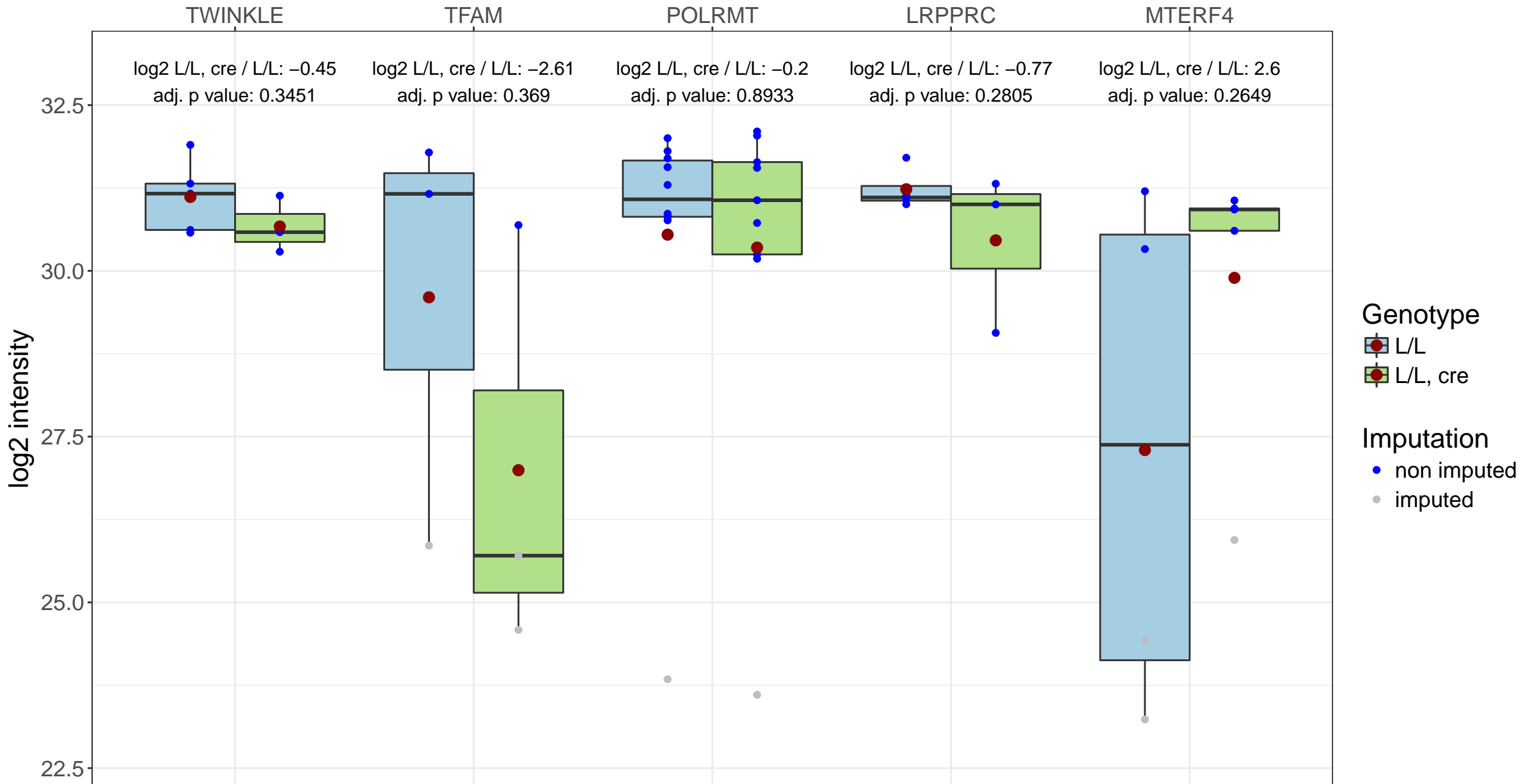
# TRMU / Q9DAT5



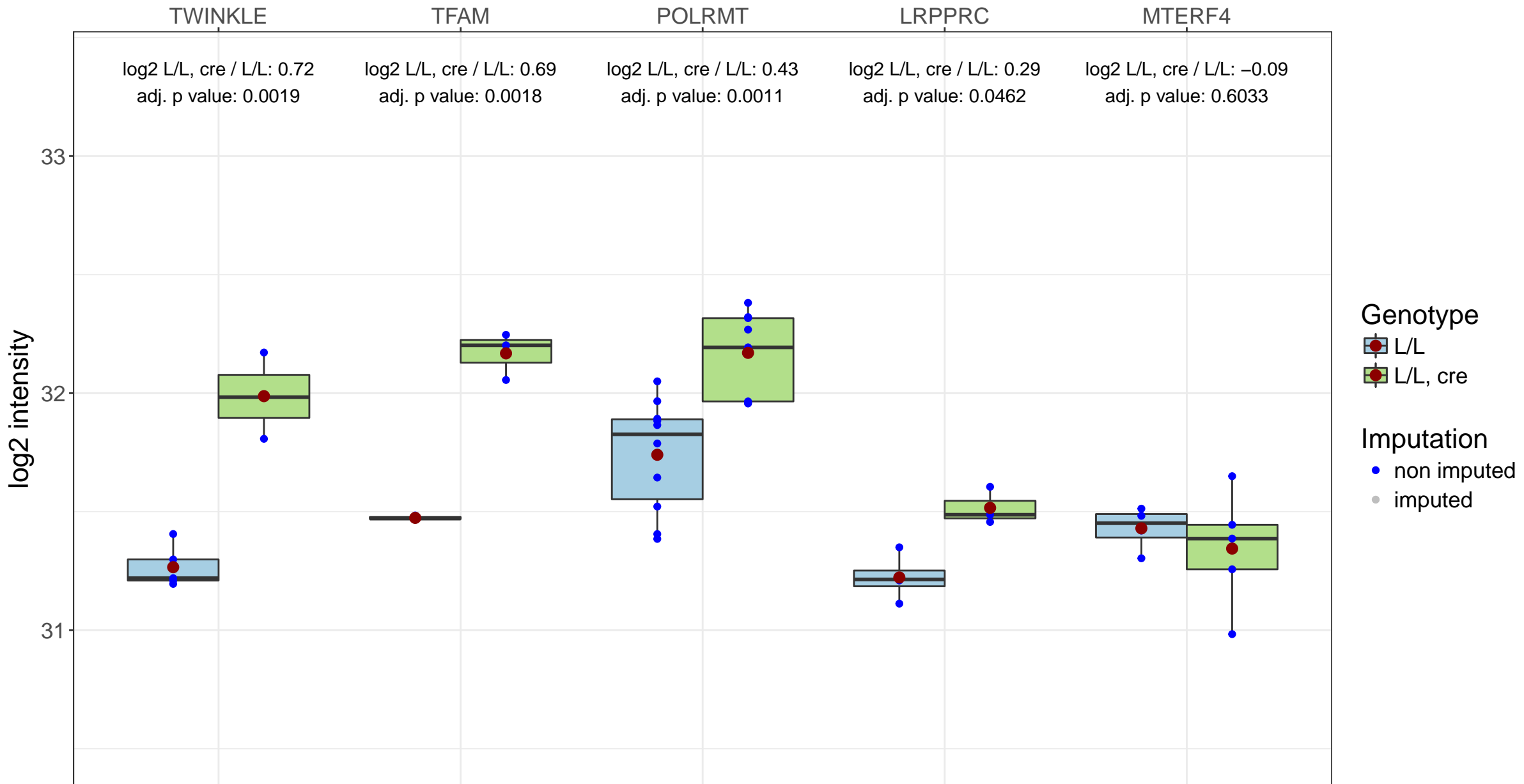
# TRNT1 / Q8K1J6



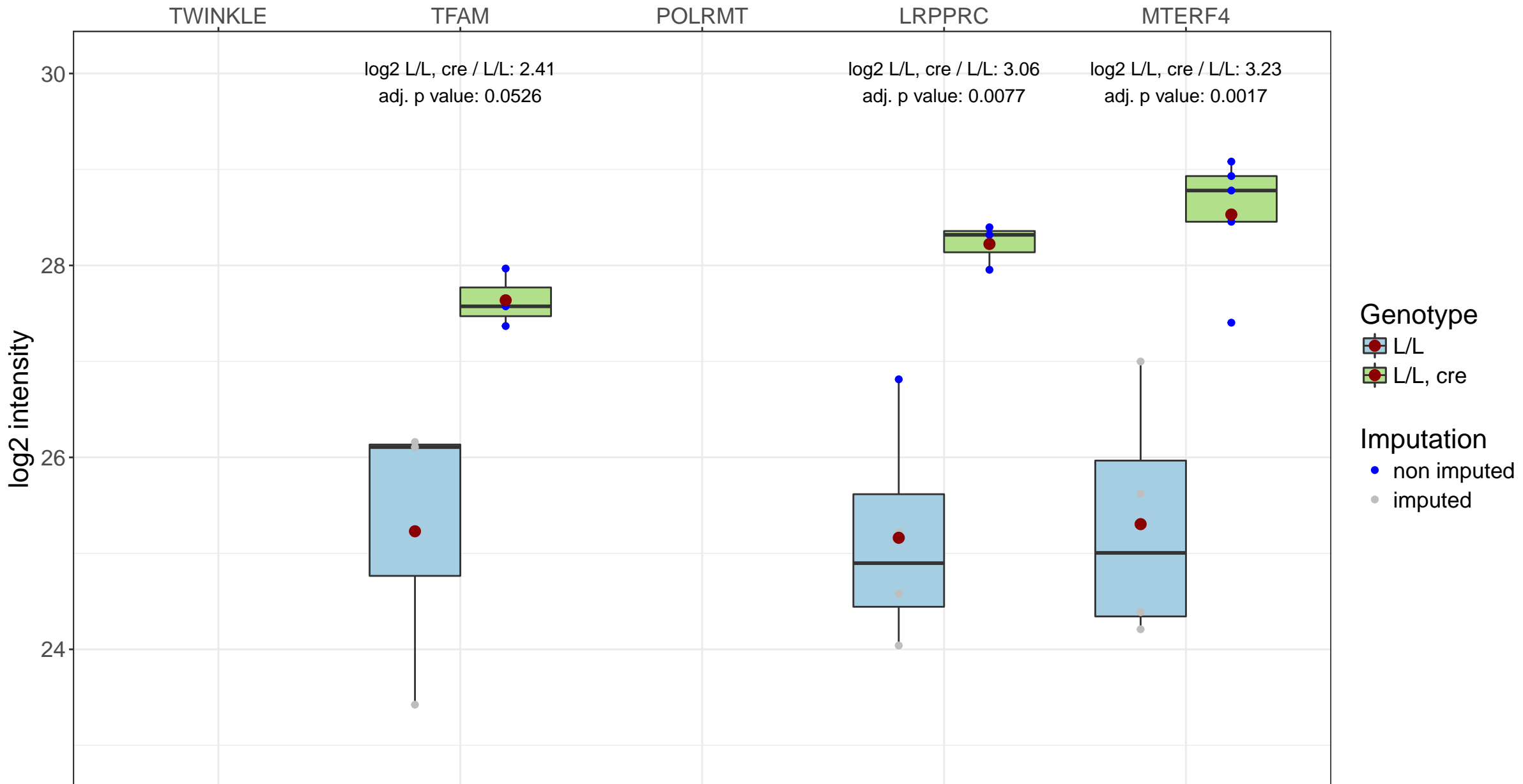
# TRY10 / Q792Z1



# TSFM / Q9CZR8

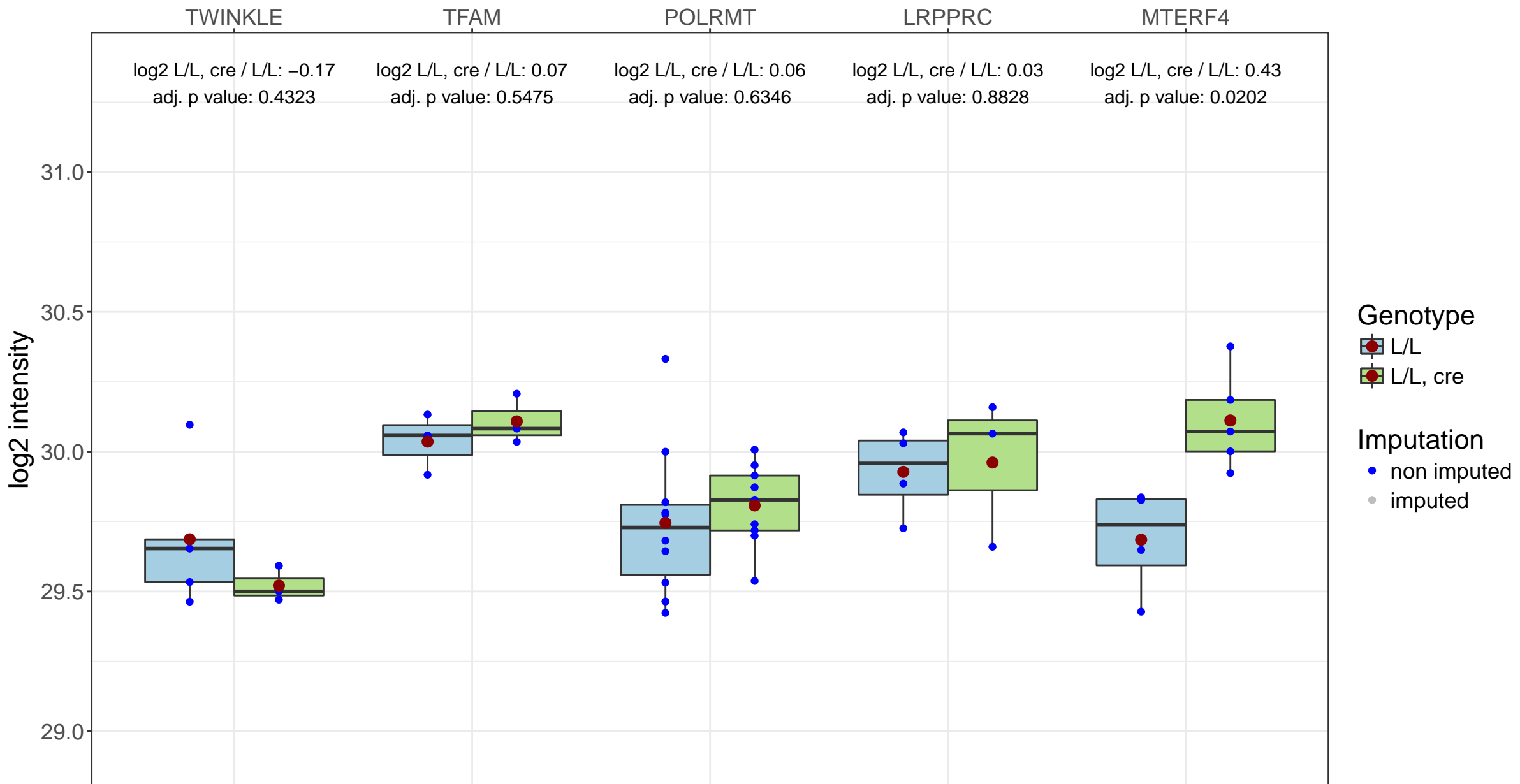


# TSPO / P50637

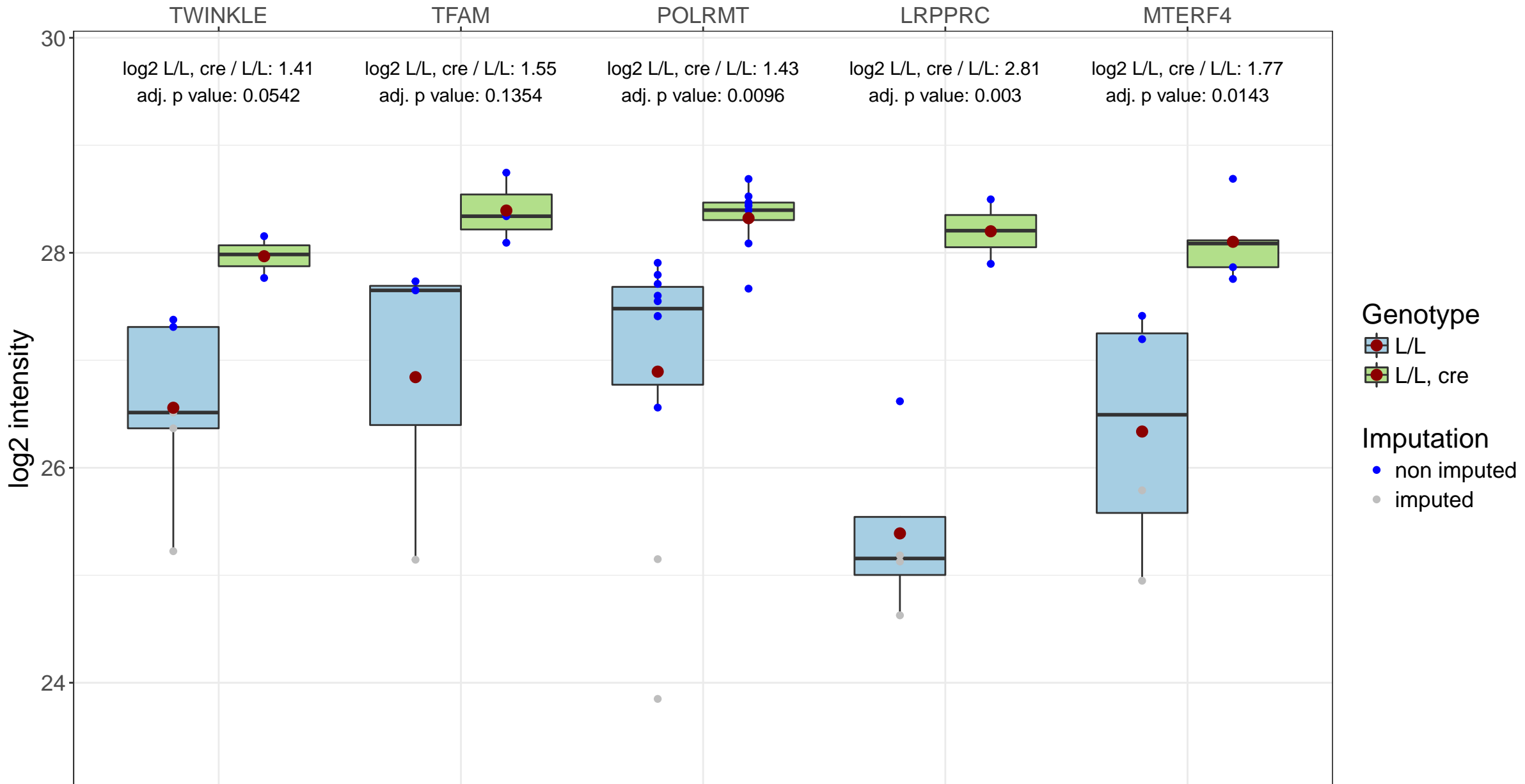




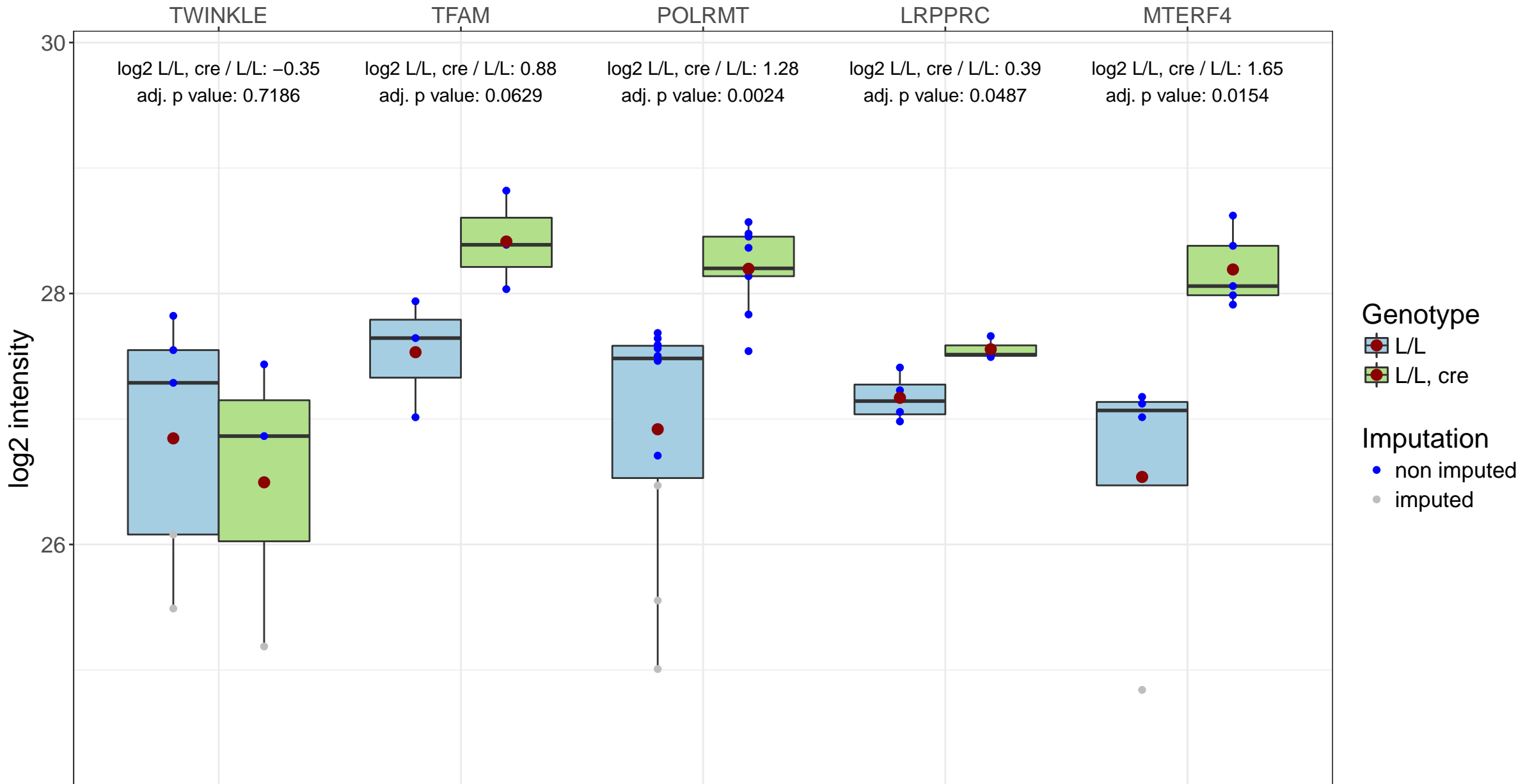
# TST / P52196



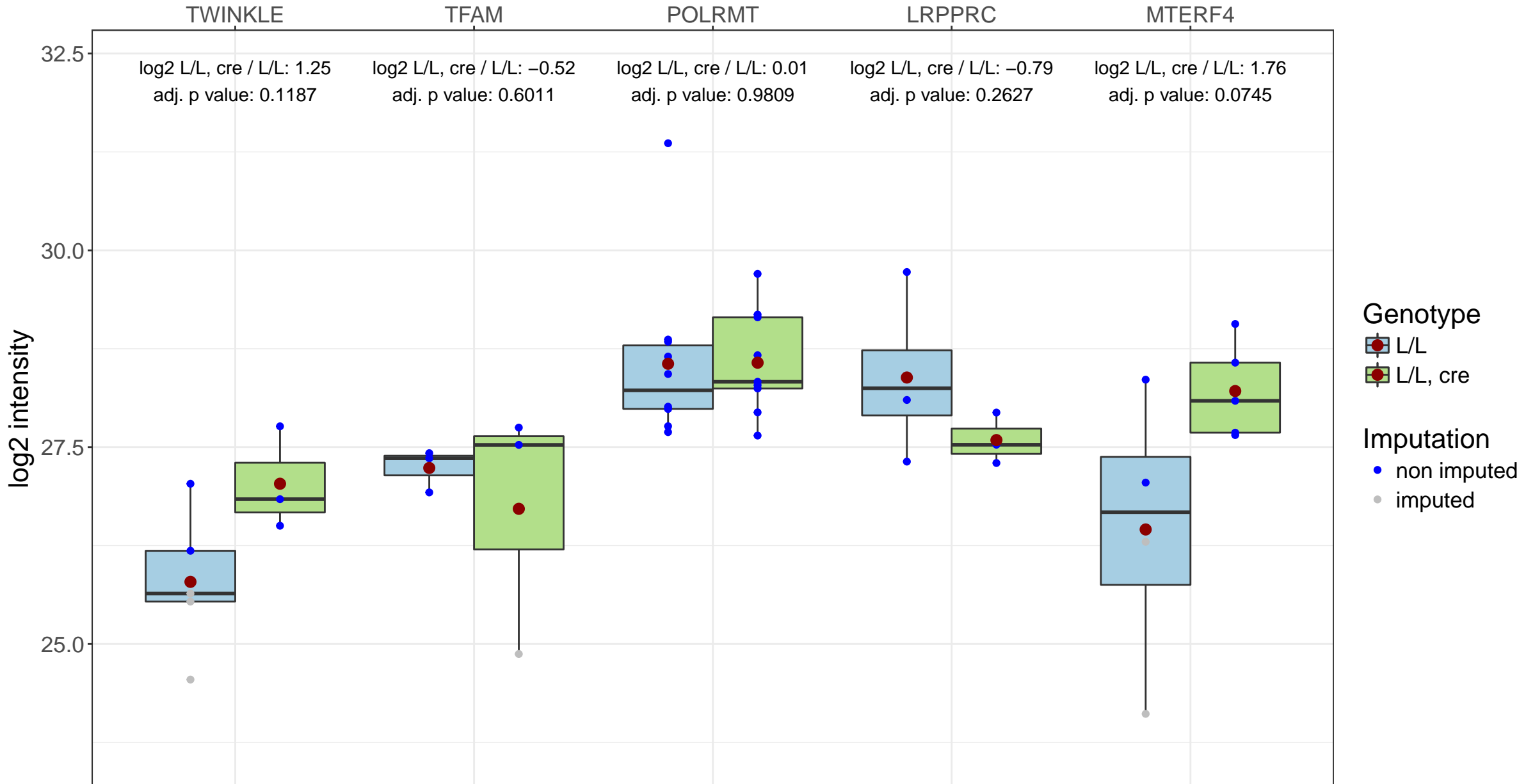
# TSTD3 / Q9D0B5



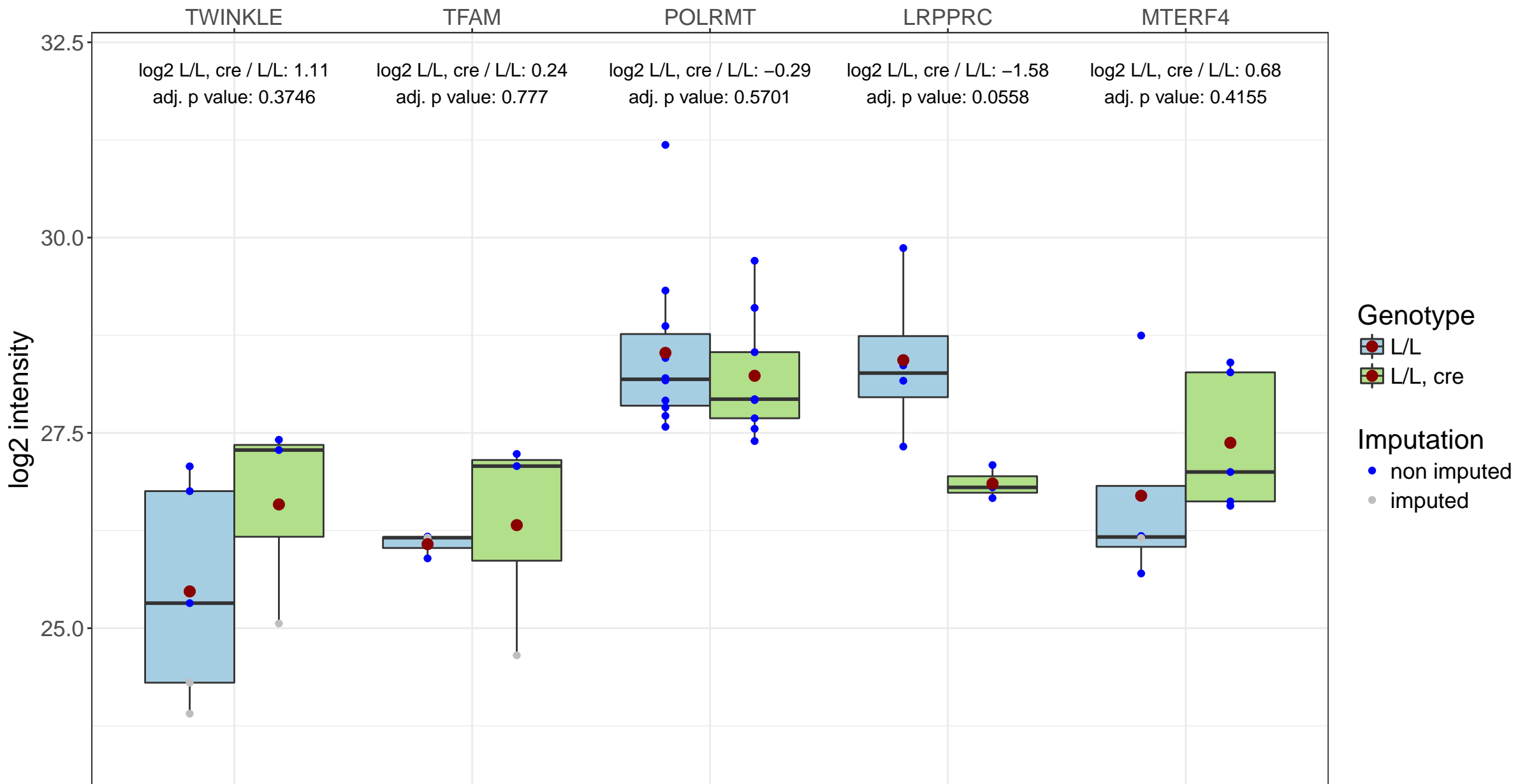
# TTC19 / Q8CC21



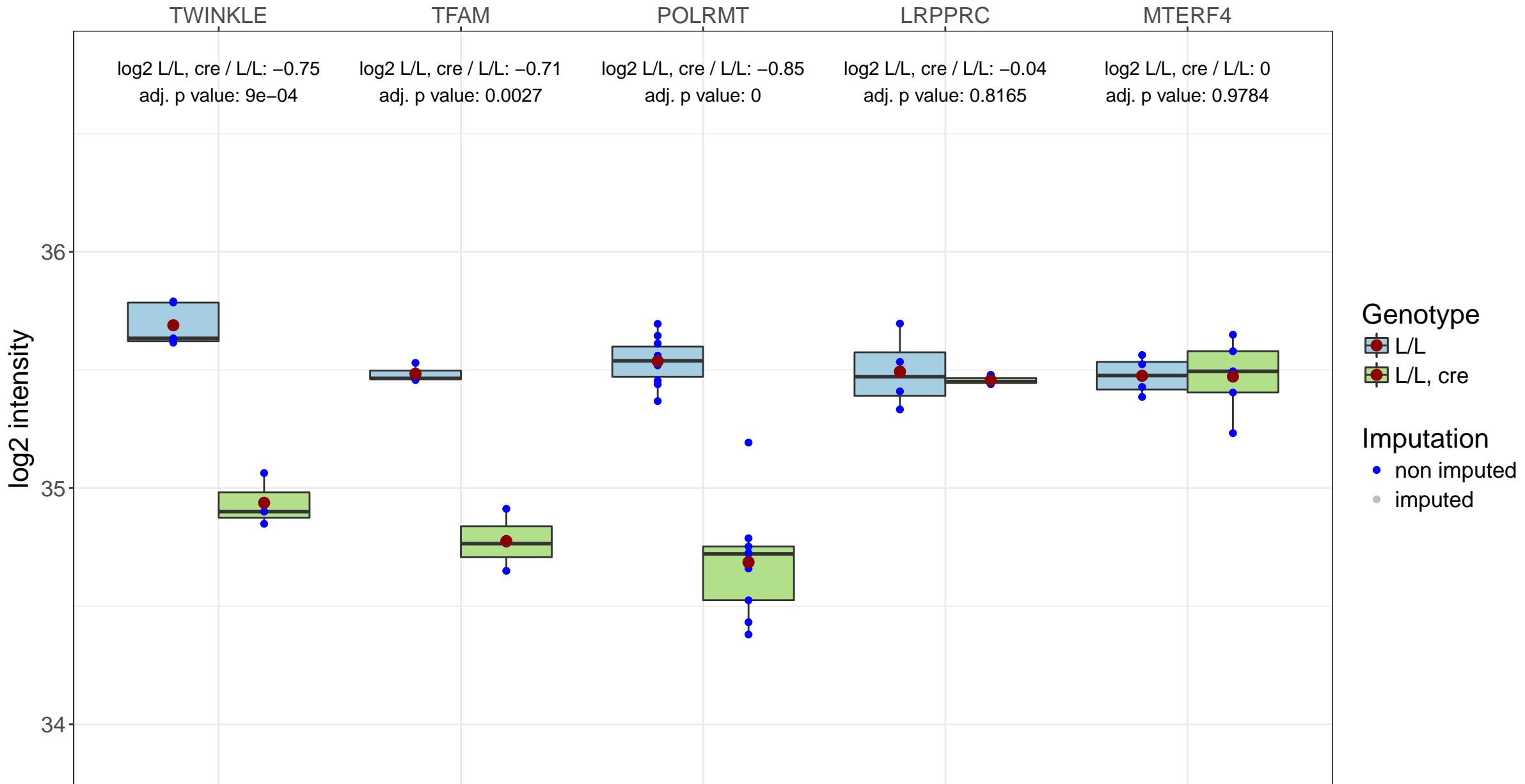
# TUBA1B / P05213



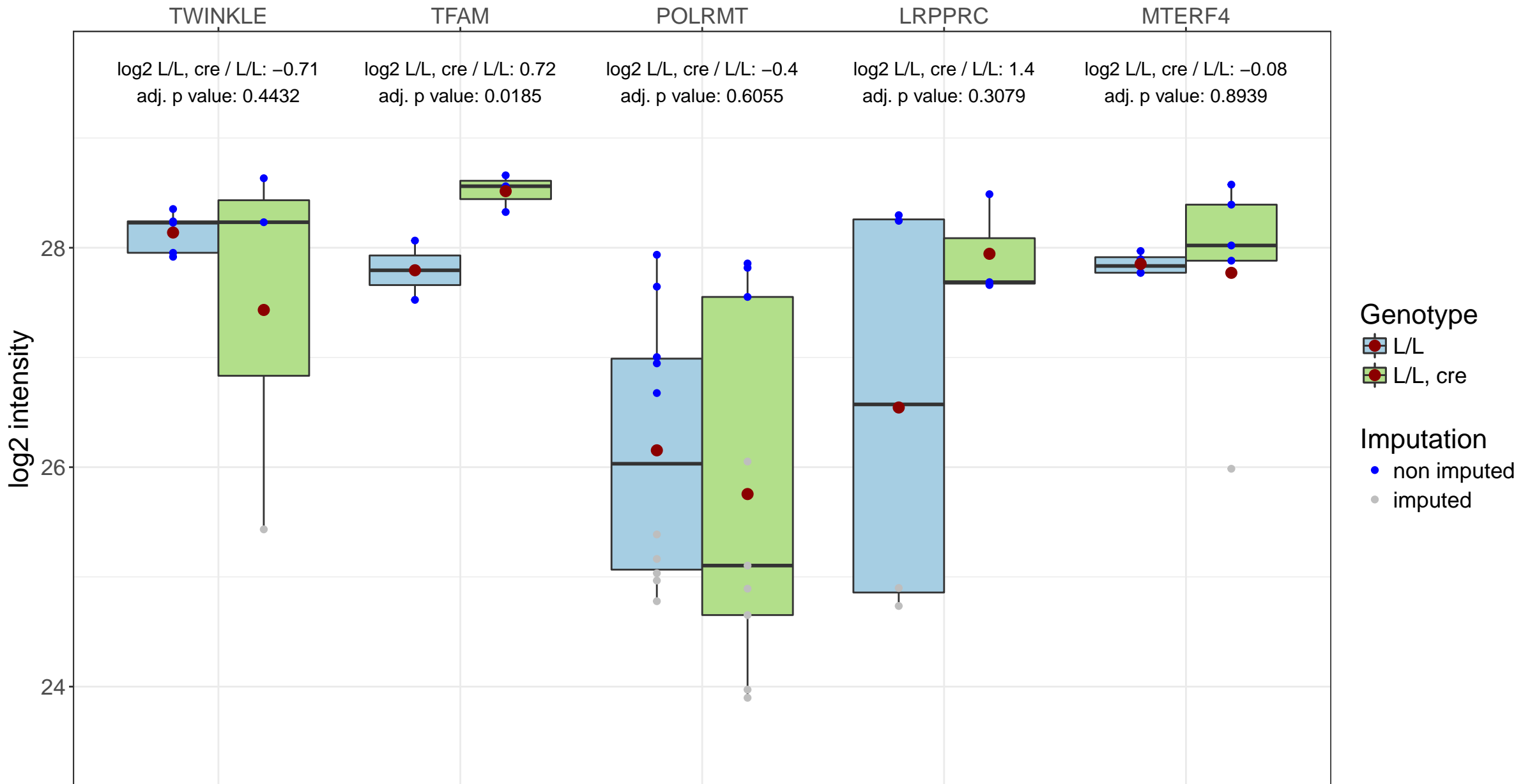
# TUBB4B / P68372



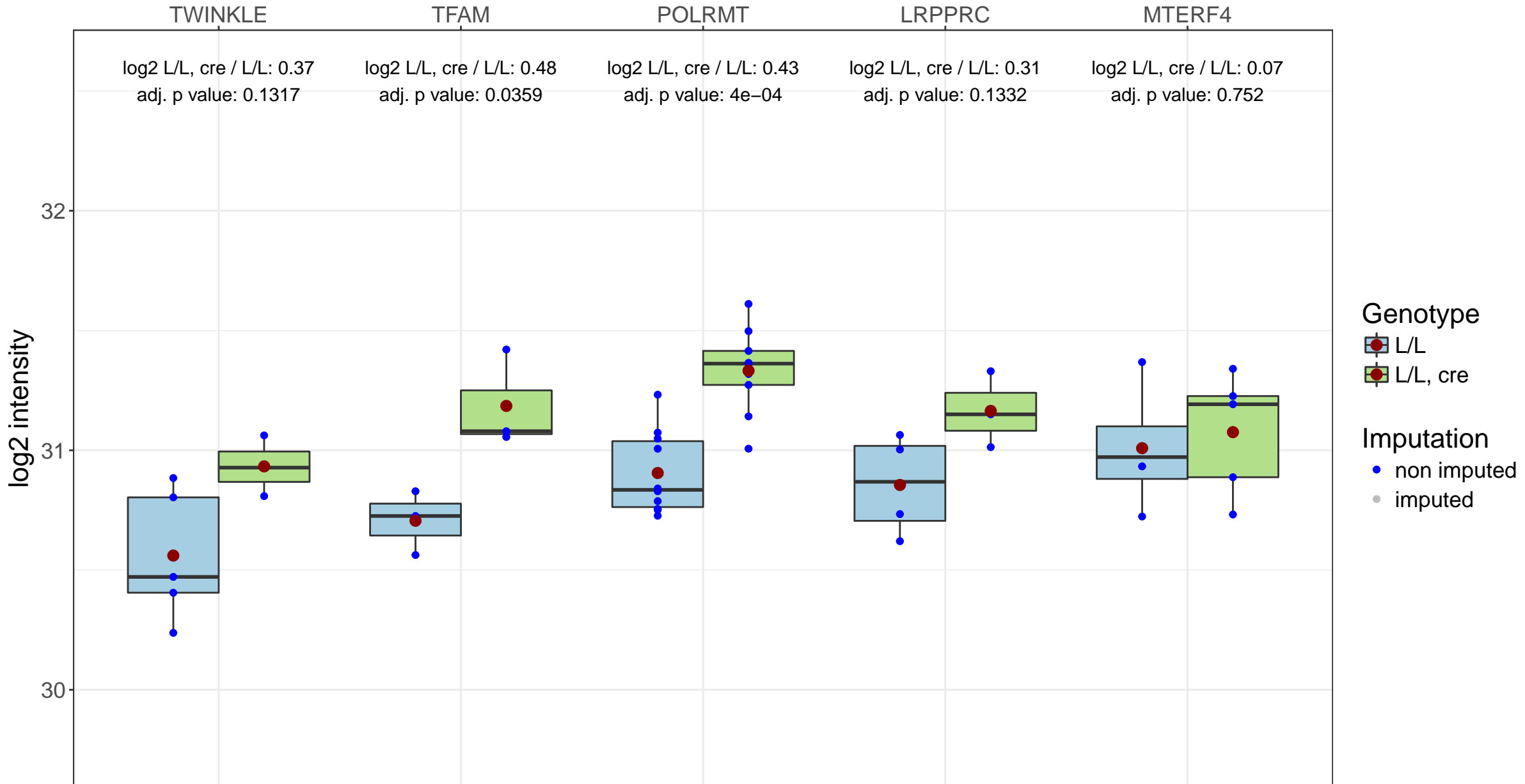
# TUFM / Q8BFR5



# TXN / P10639

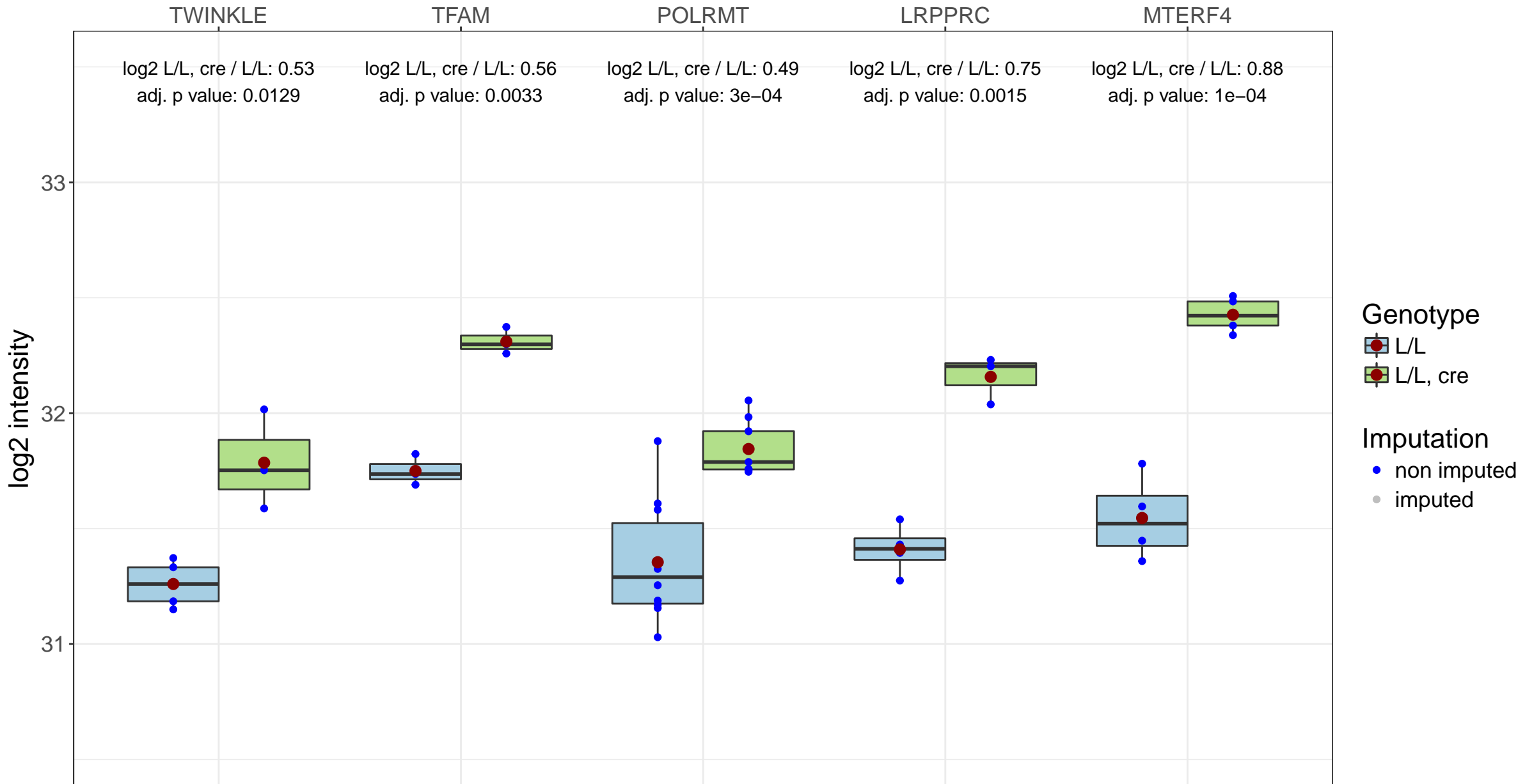


# TXN2 / G3UZY2

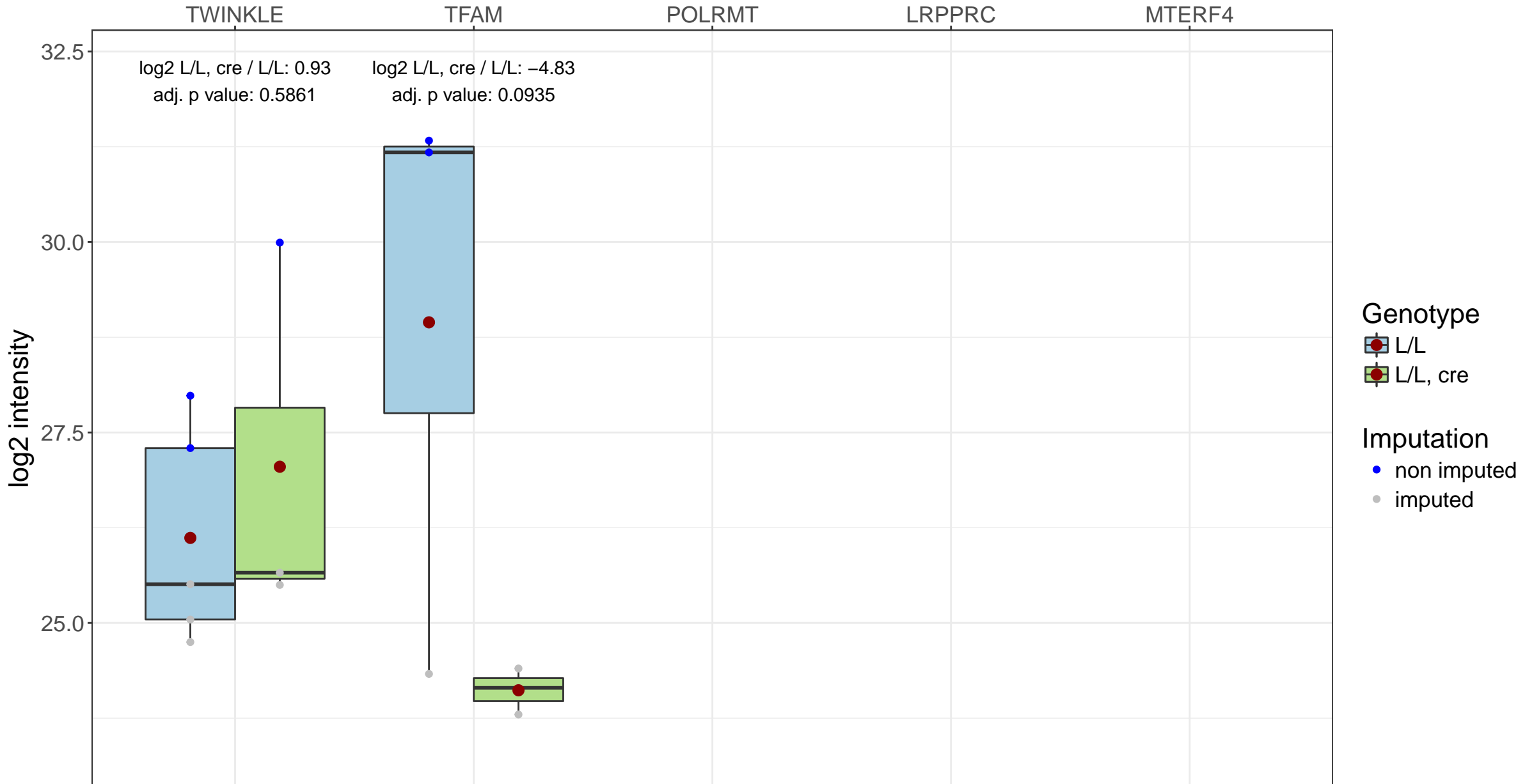




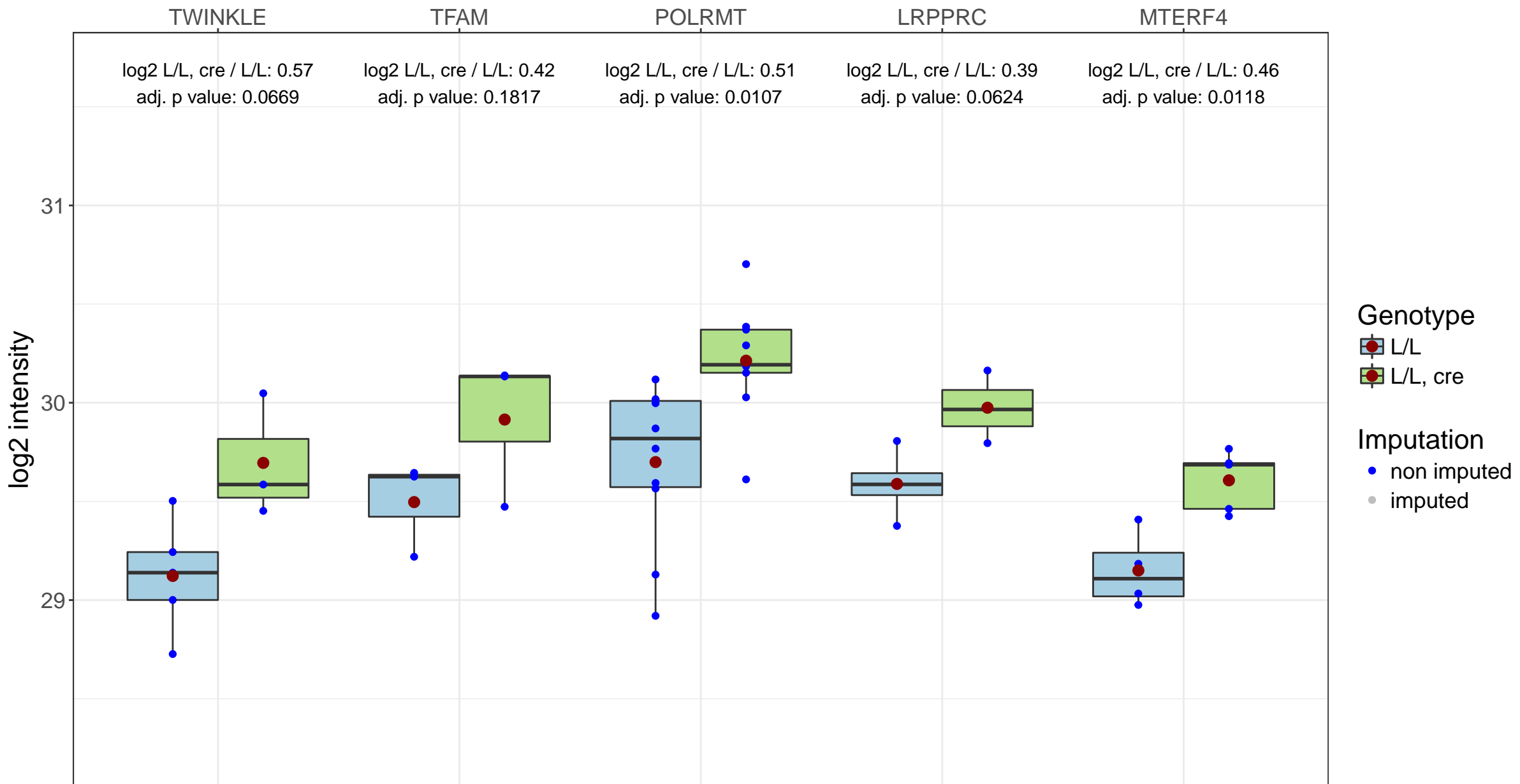
# TXNRD2 / J3QMN4



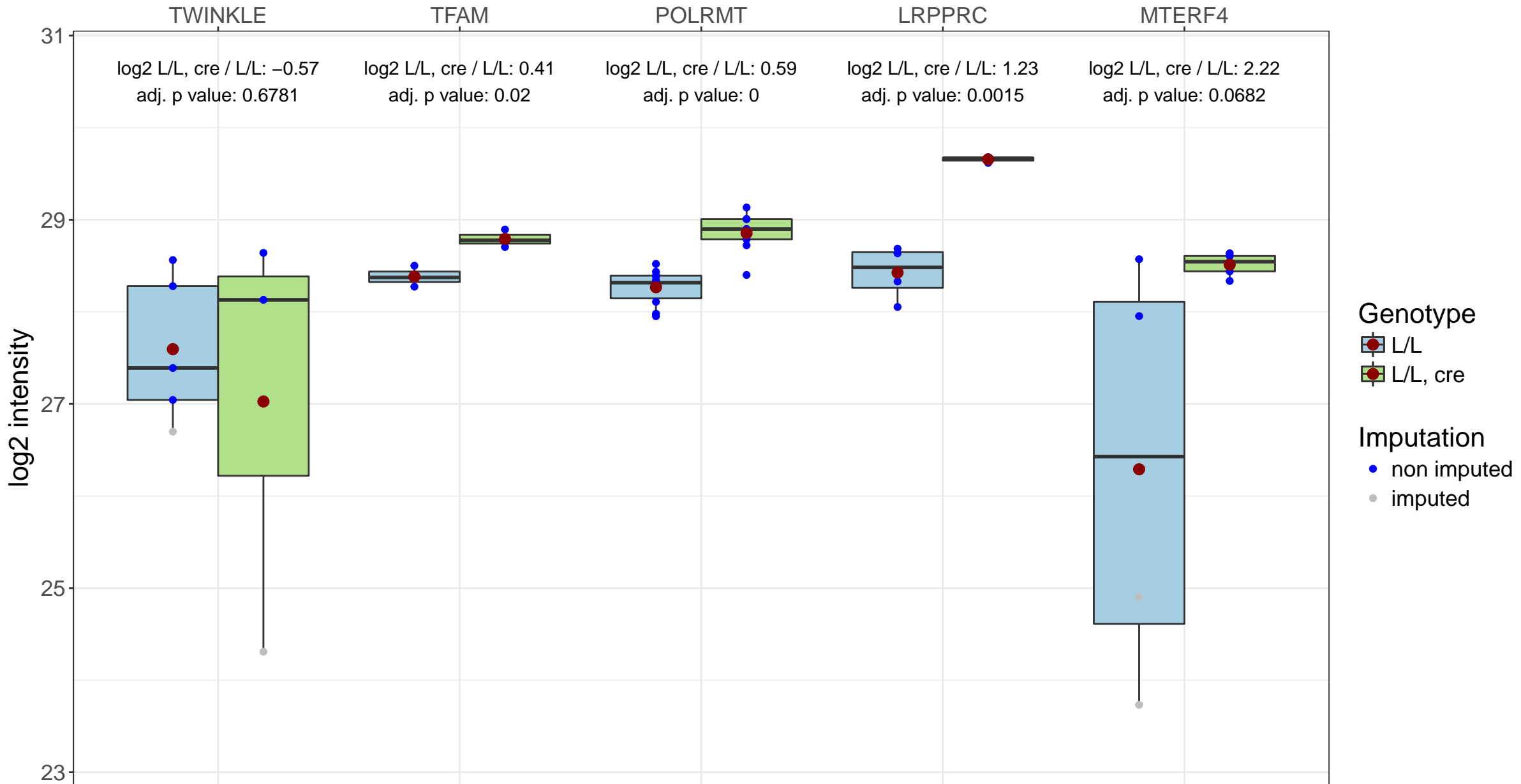
# UCP1 / P12242



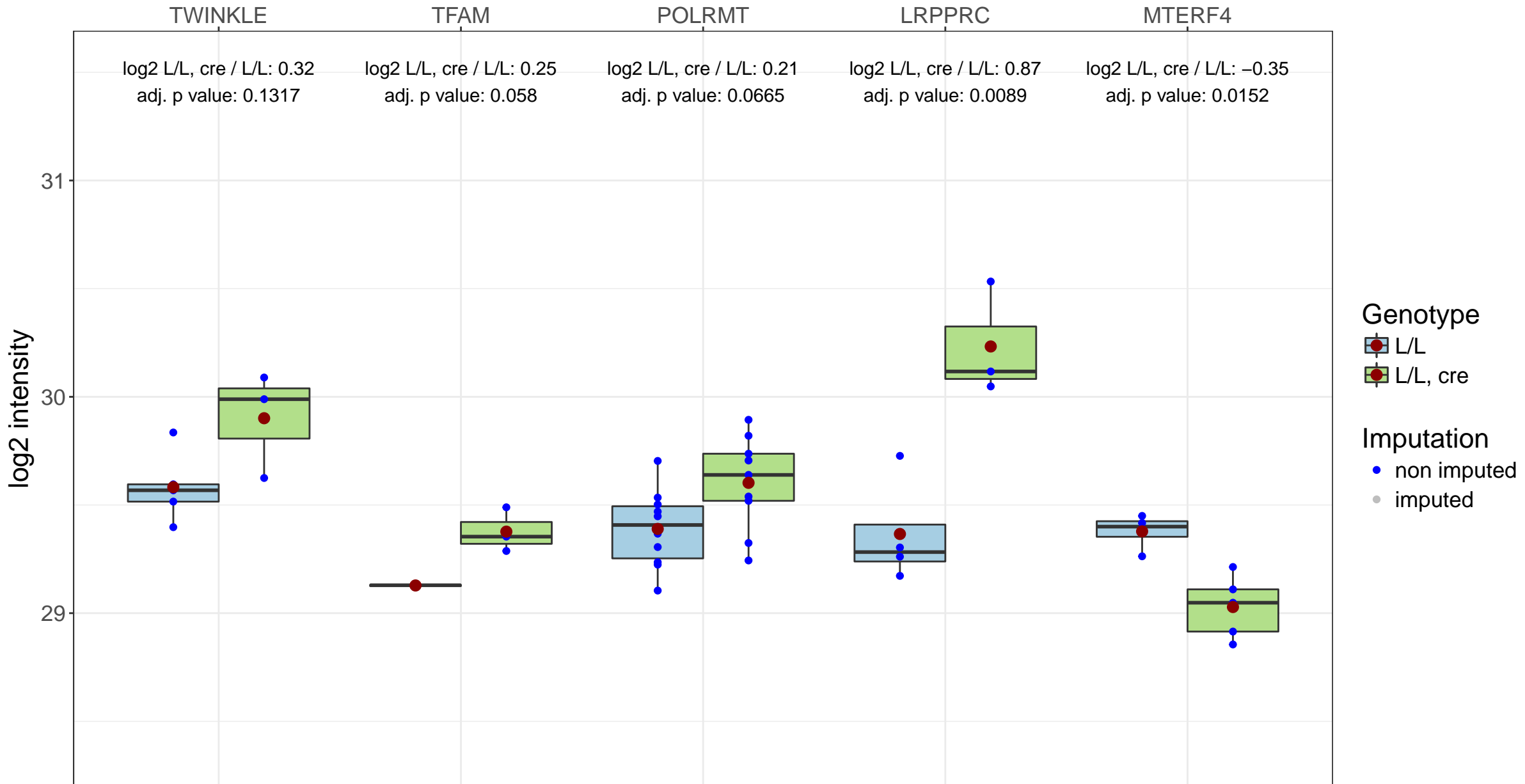
# UCP3 / P56501



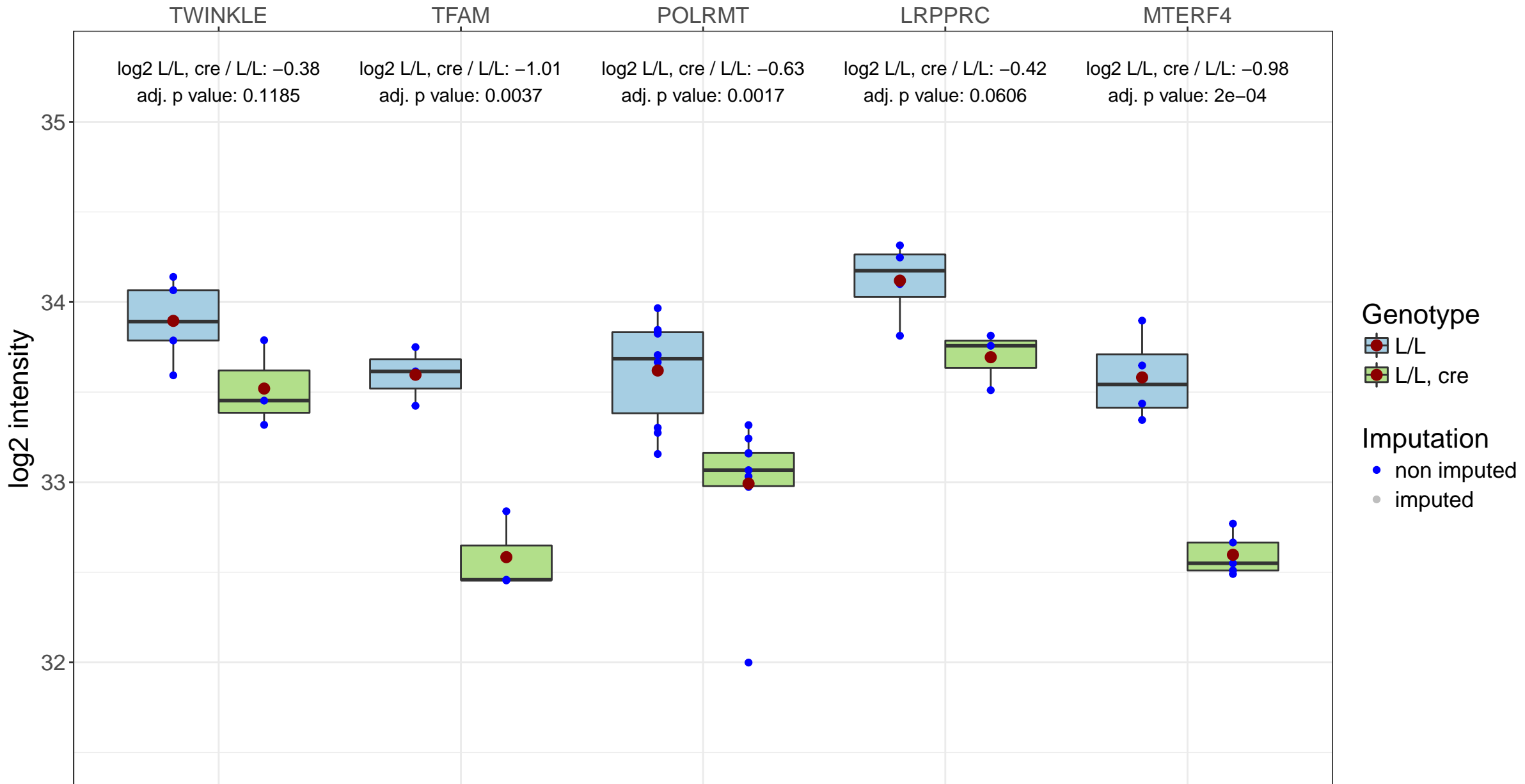
# UQCC1 / Q9CWU6



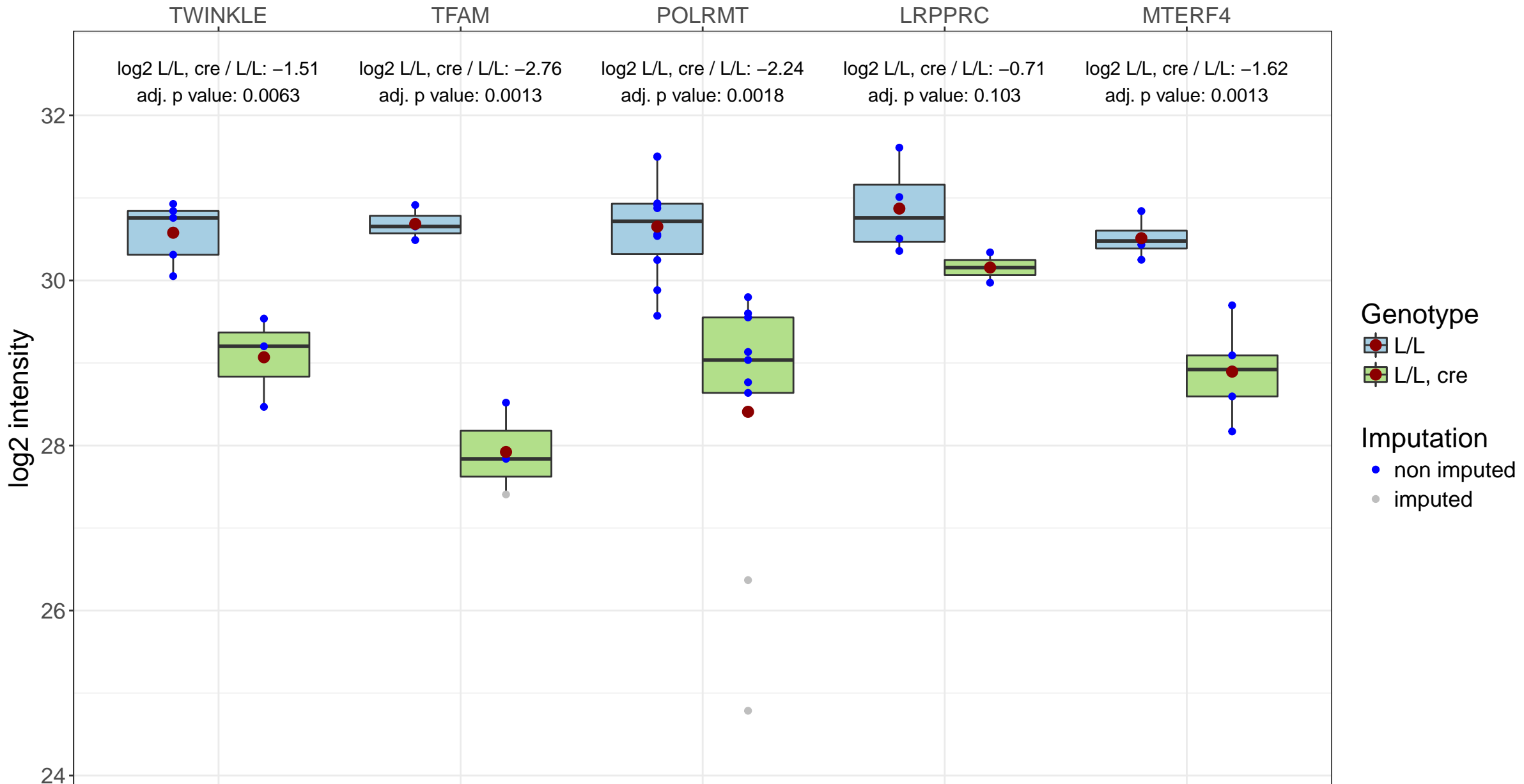
# UQCC2 / Q9CQY6



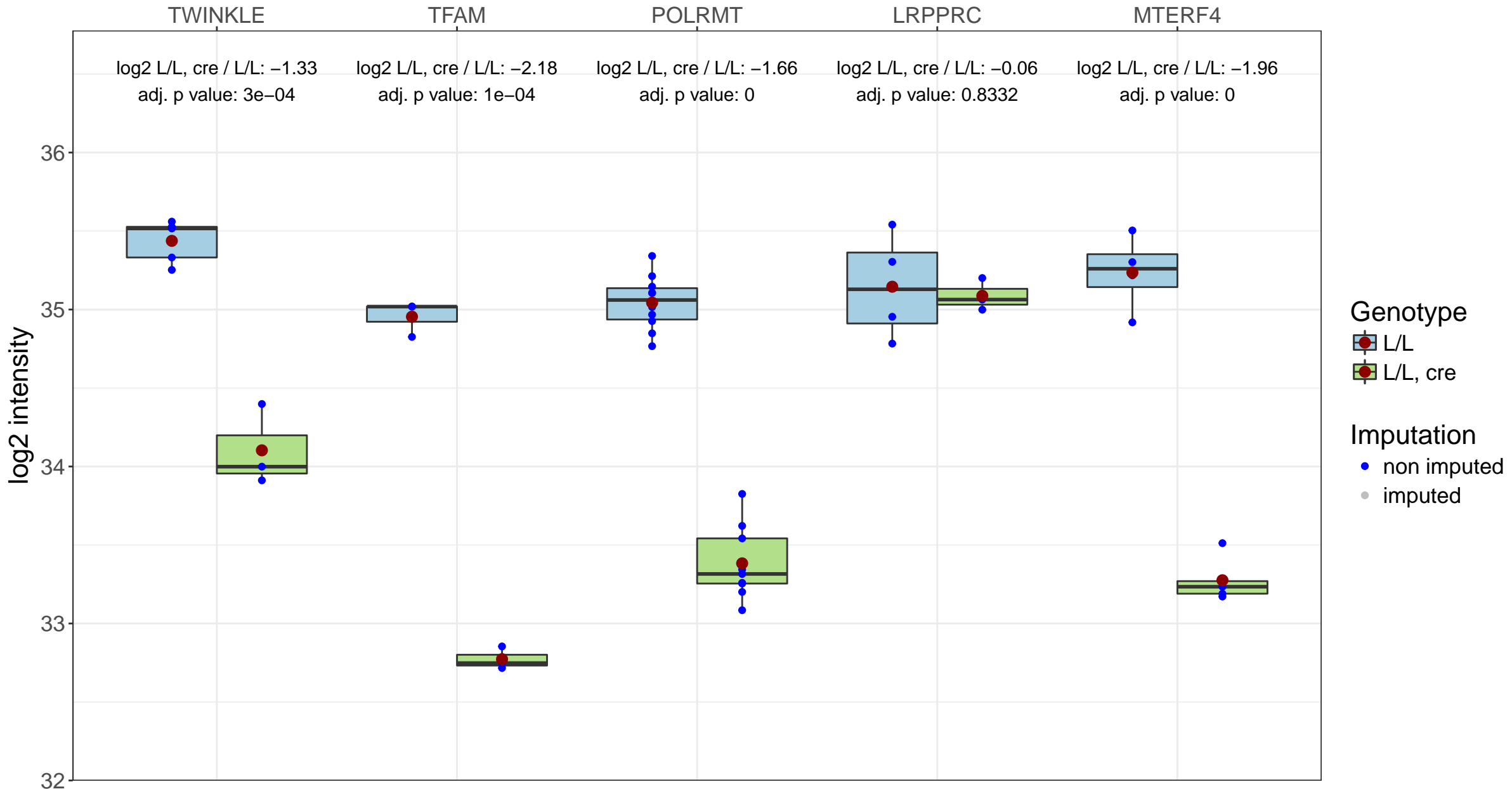
# UQCR10 / Q8R1I1



# UQCR11 / Q9CPX8

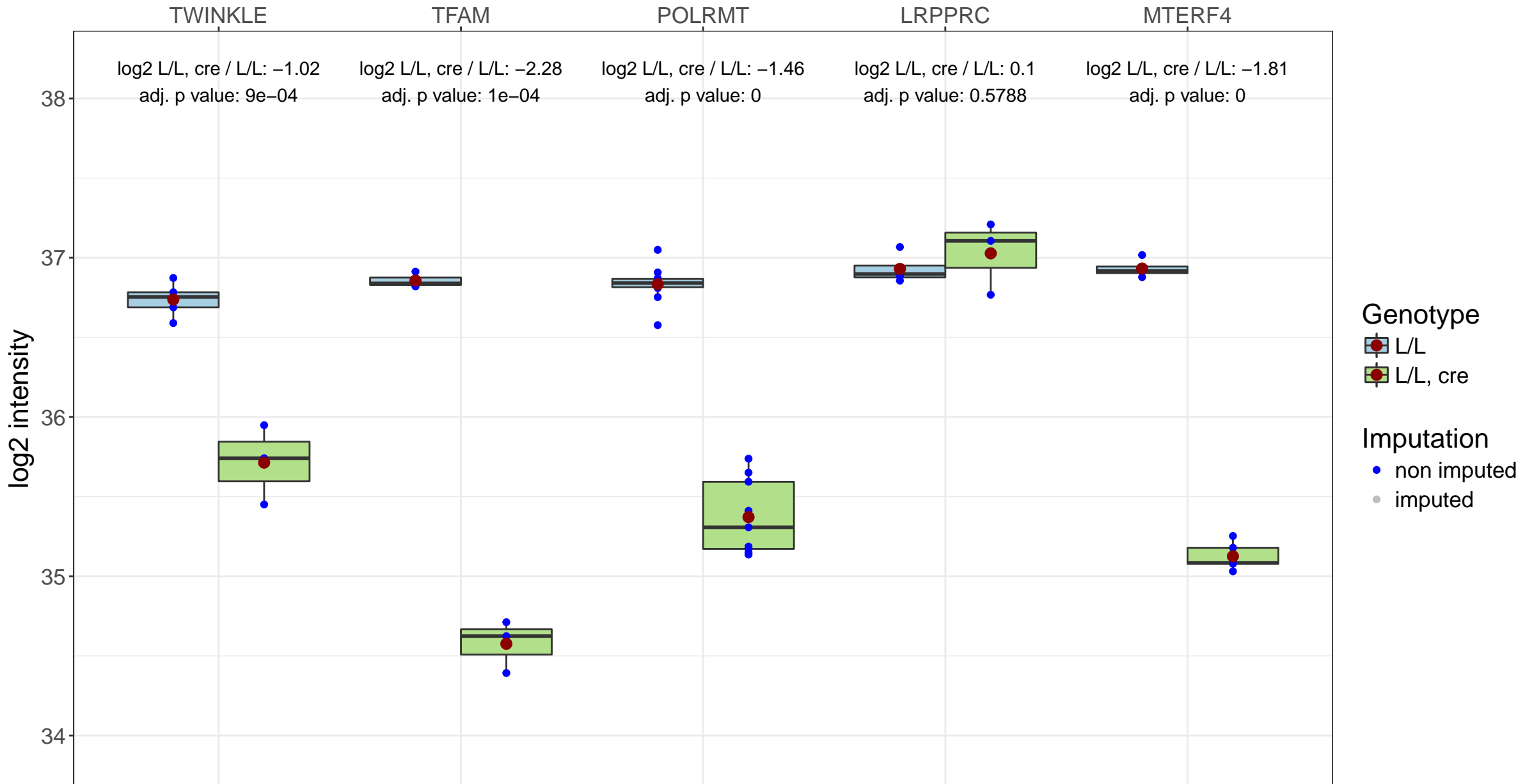


# UQCRB / Q9CQB4

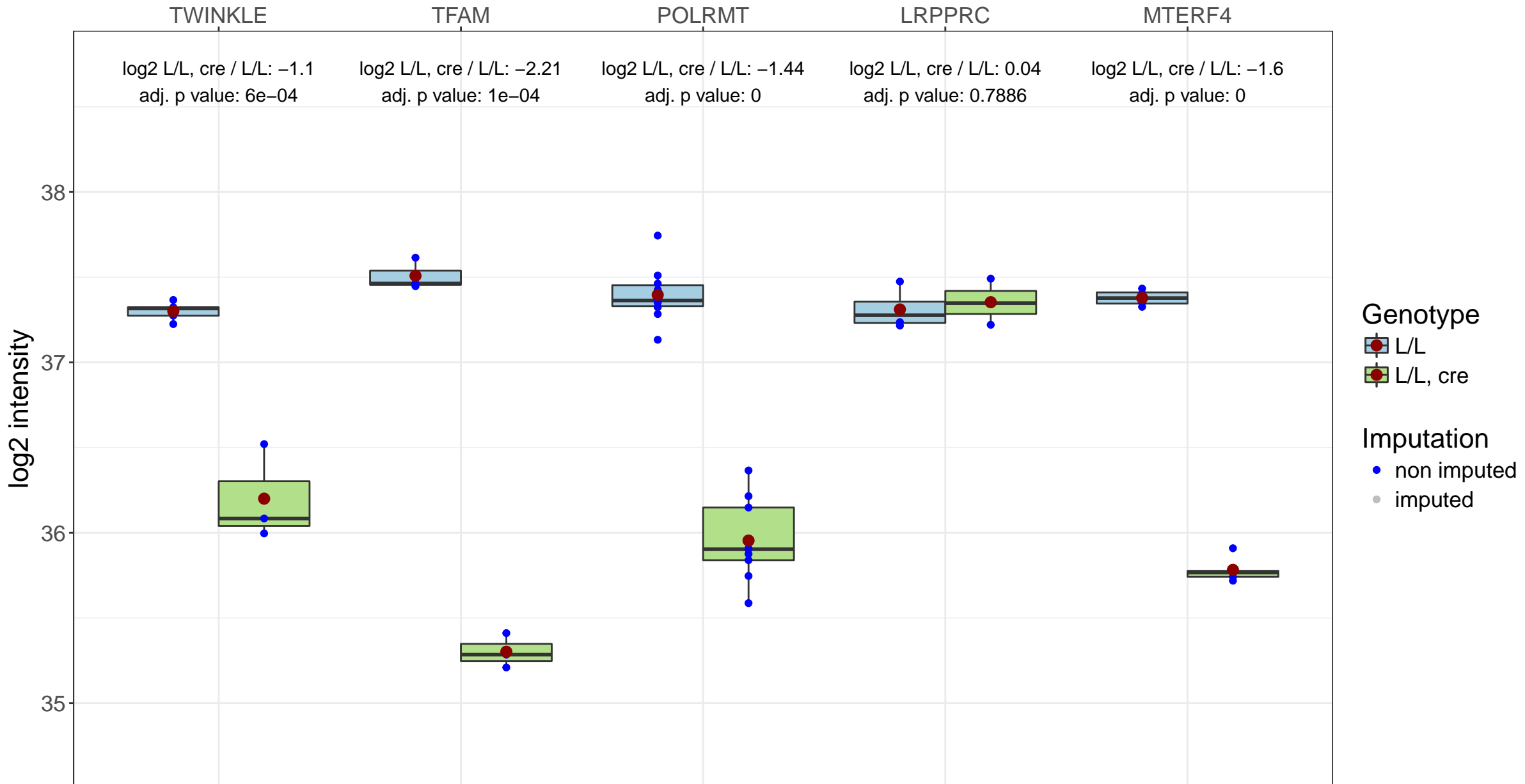




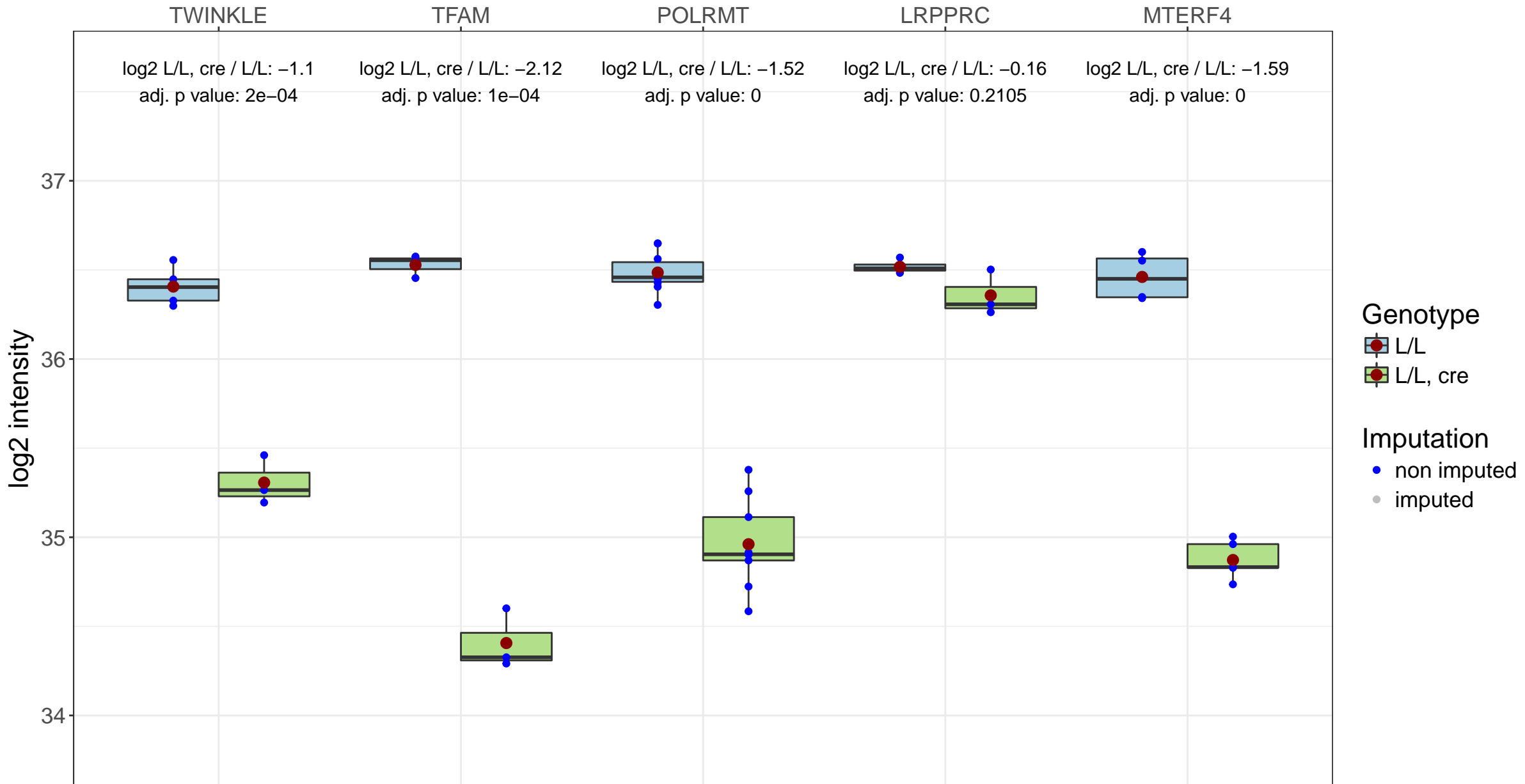
# UQCRC1 / Q9CZ13



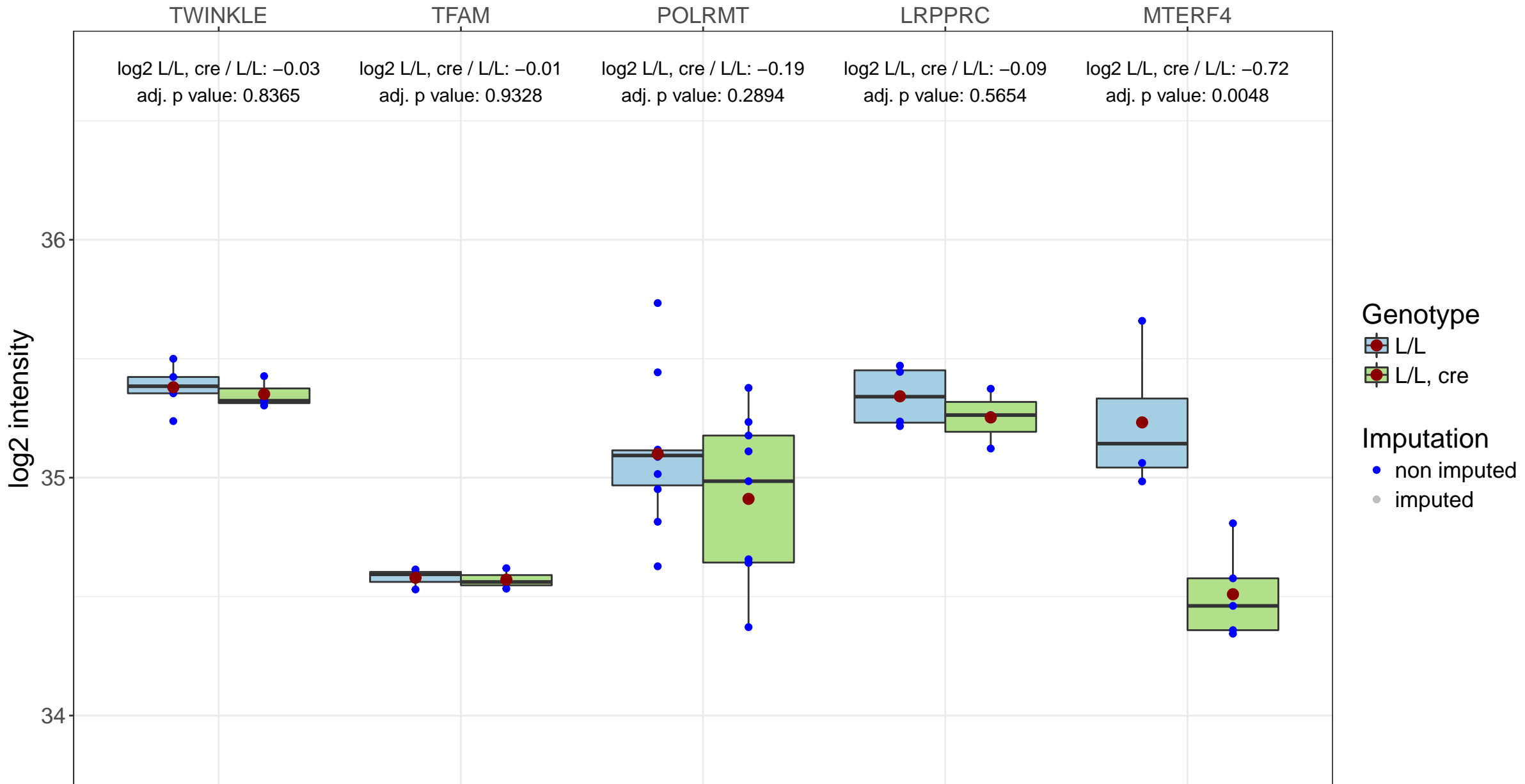
# UQCRC2 / Q9DB77



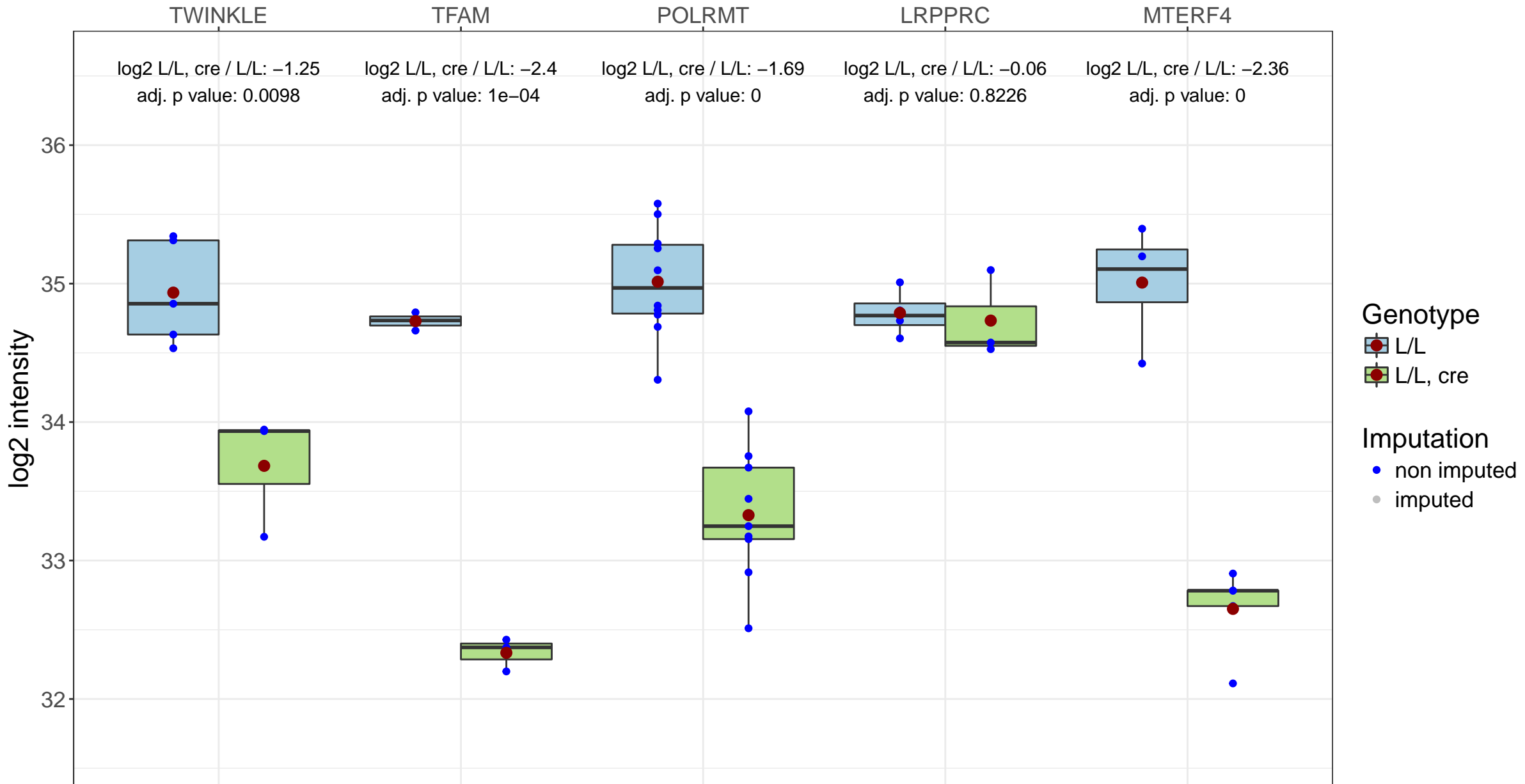
# UQCRFS1 / Q9CR68



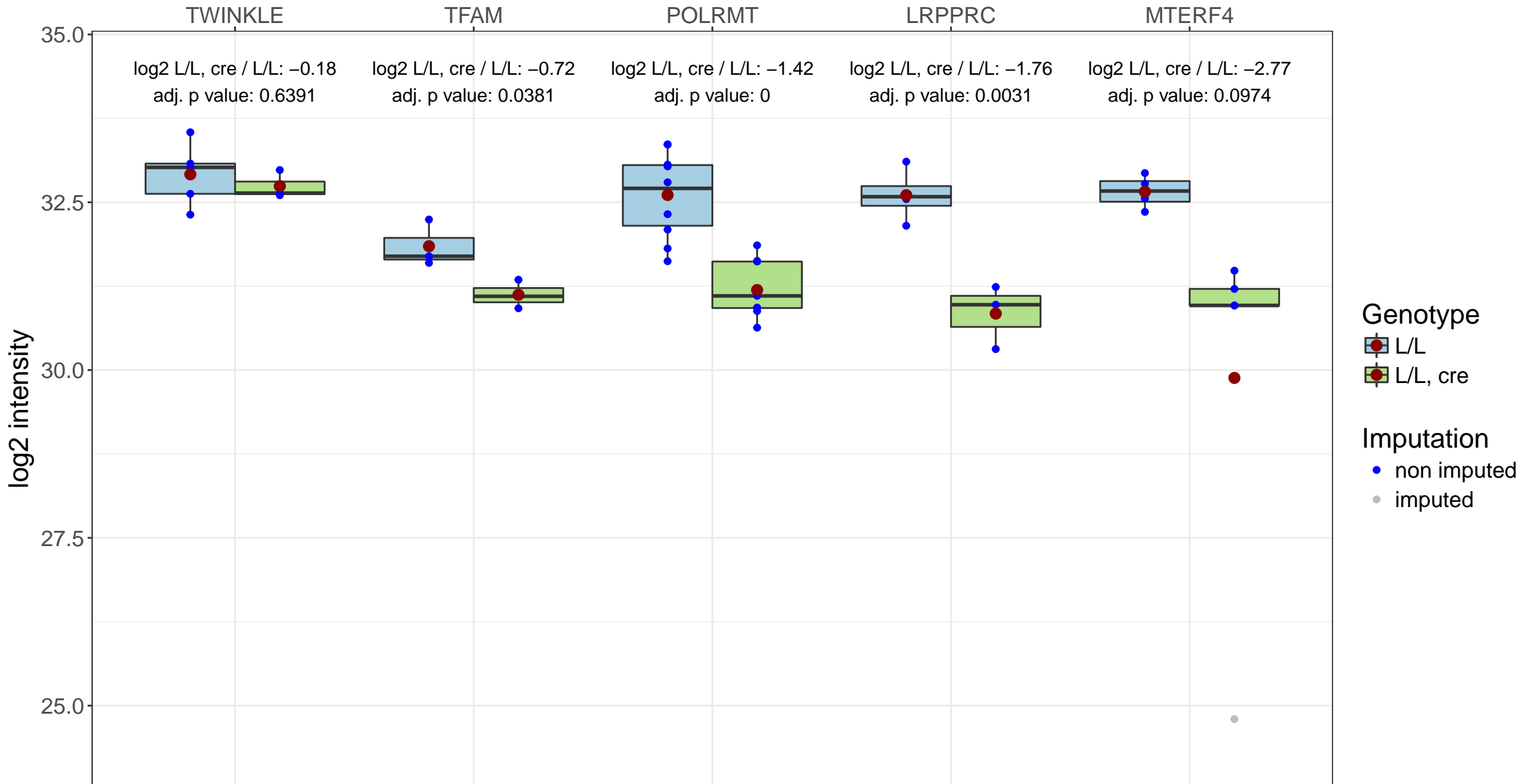
# UQCRH / P99028



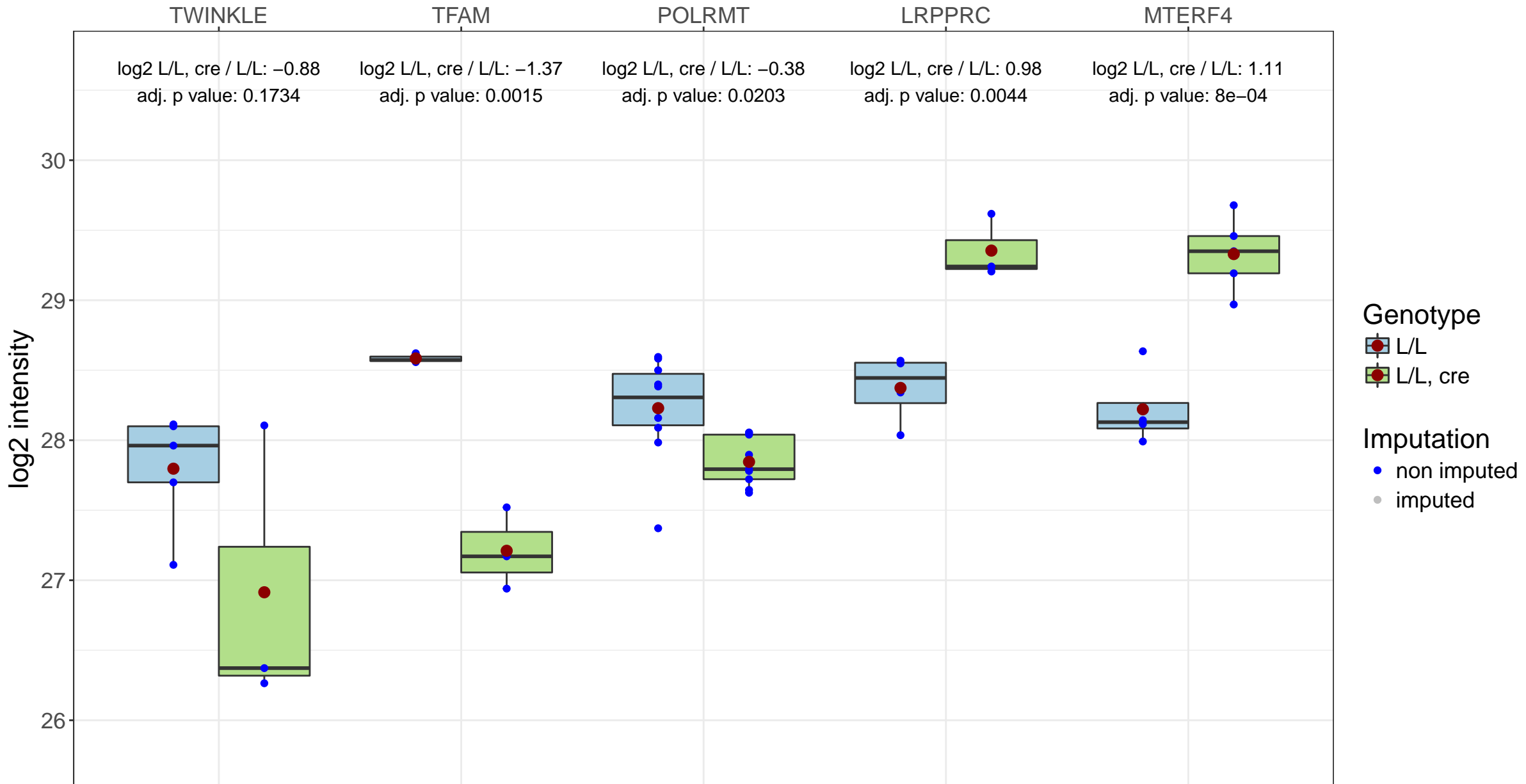
# UQCRQ / Q9CQ69



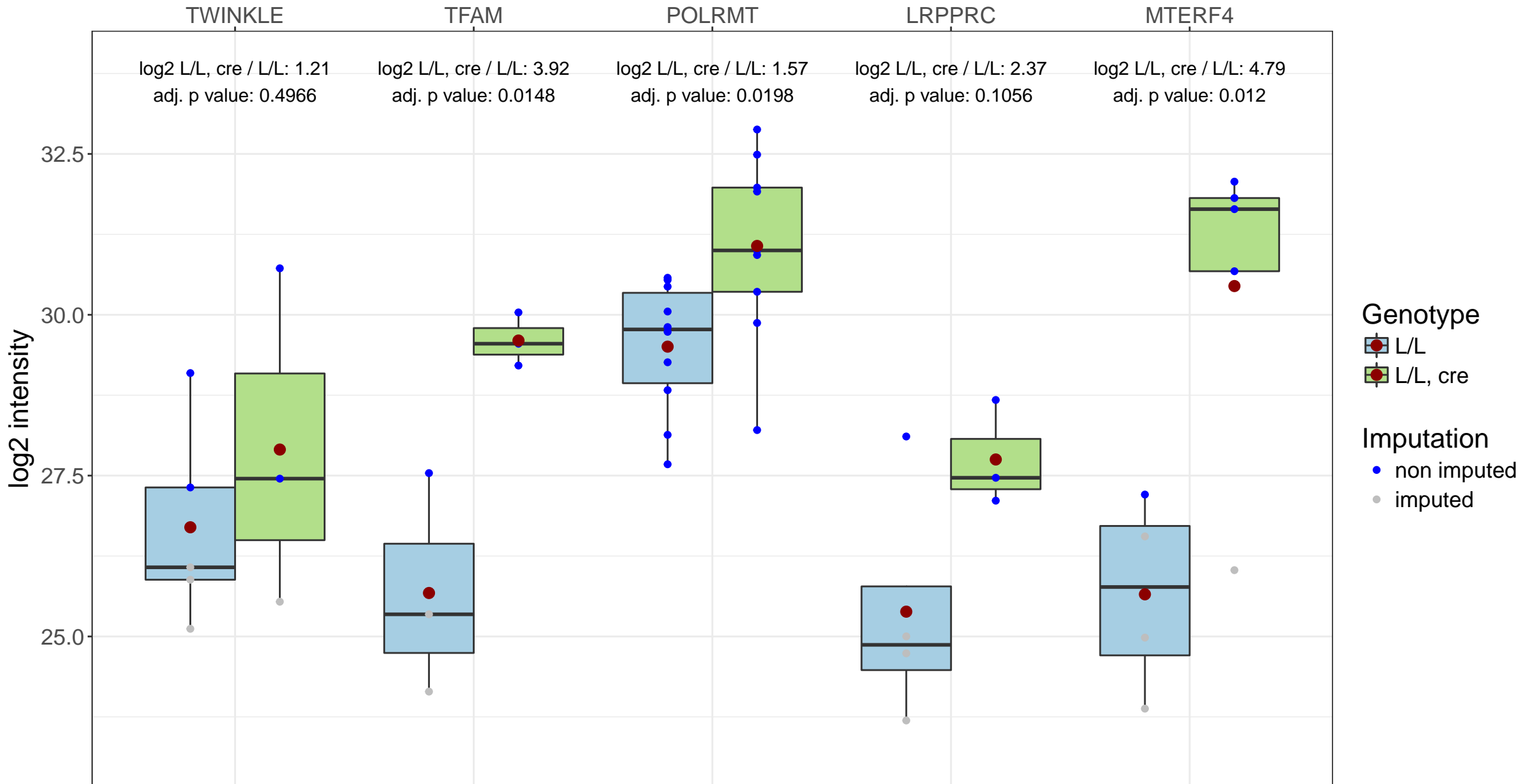
# USMG5 / Q78IK2



# VARS2 / Q3U2A8

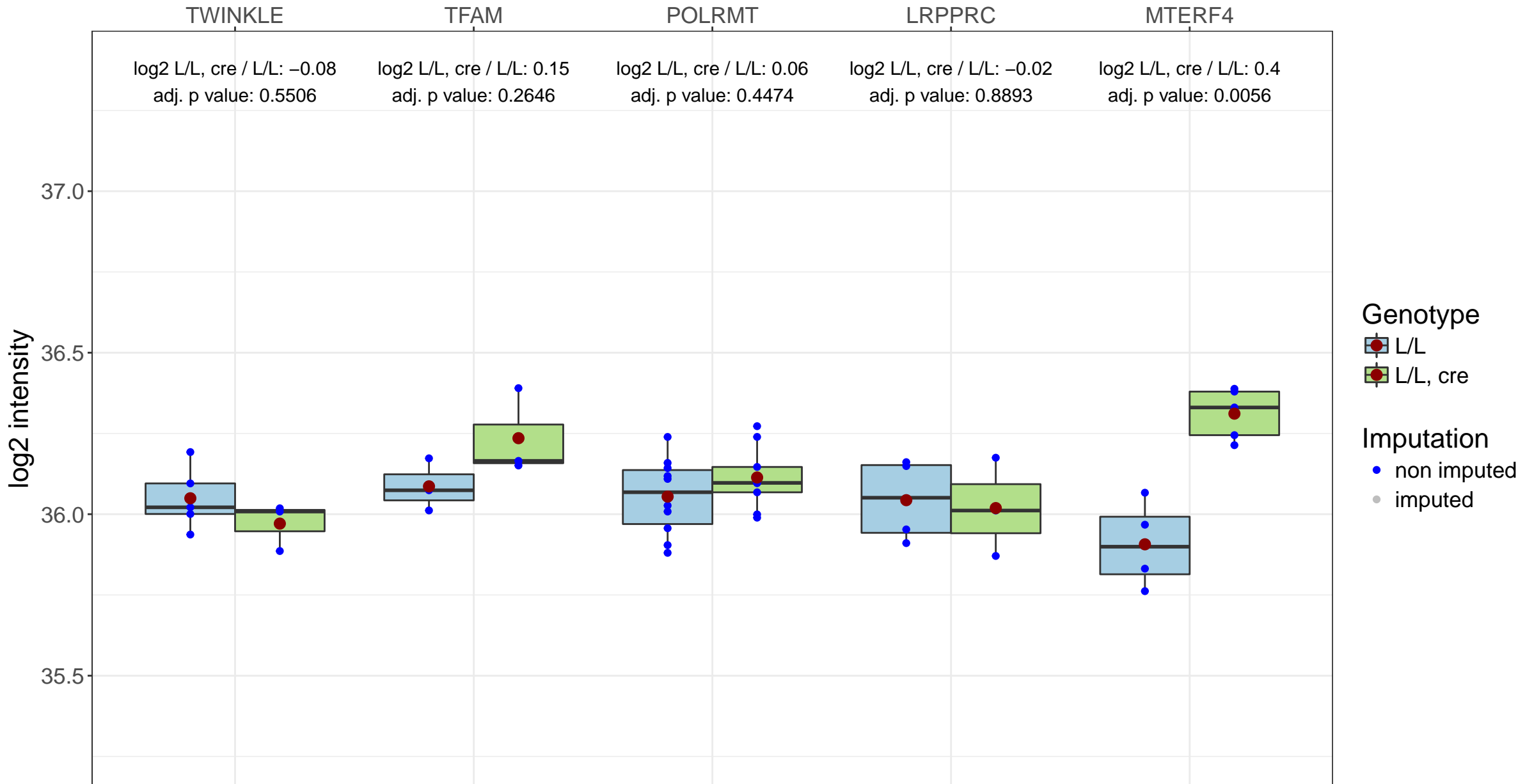


# VCP / Q01853

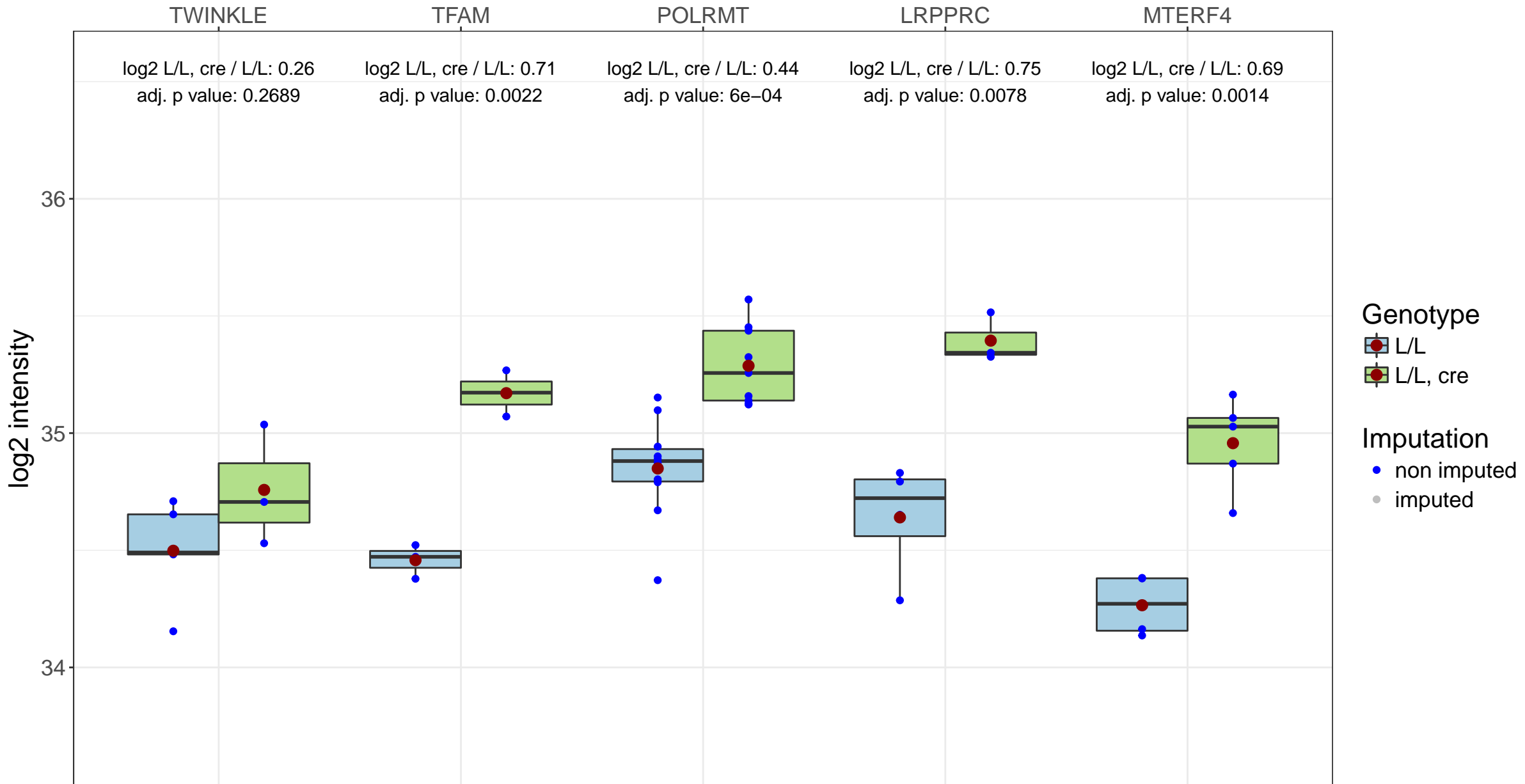




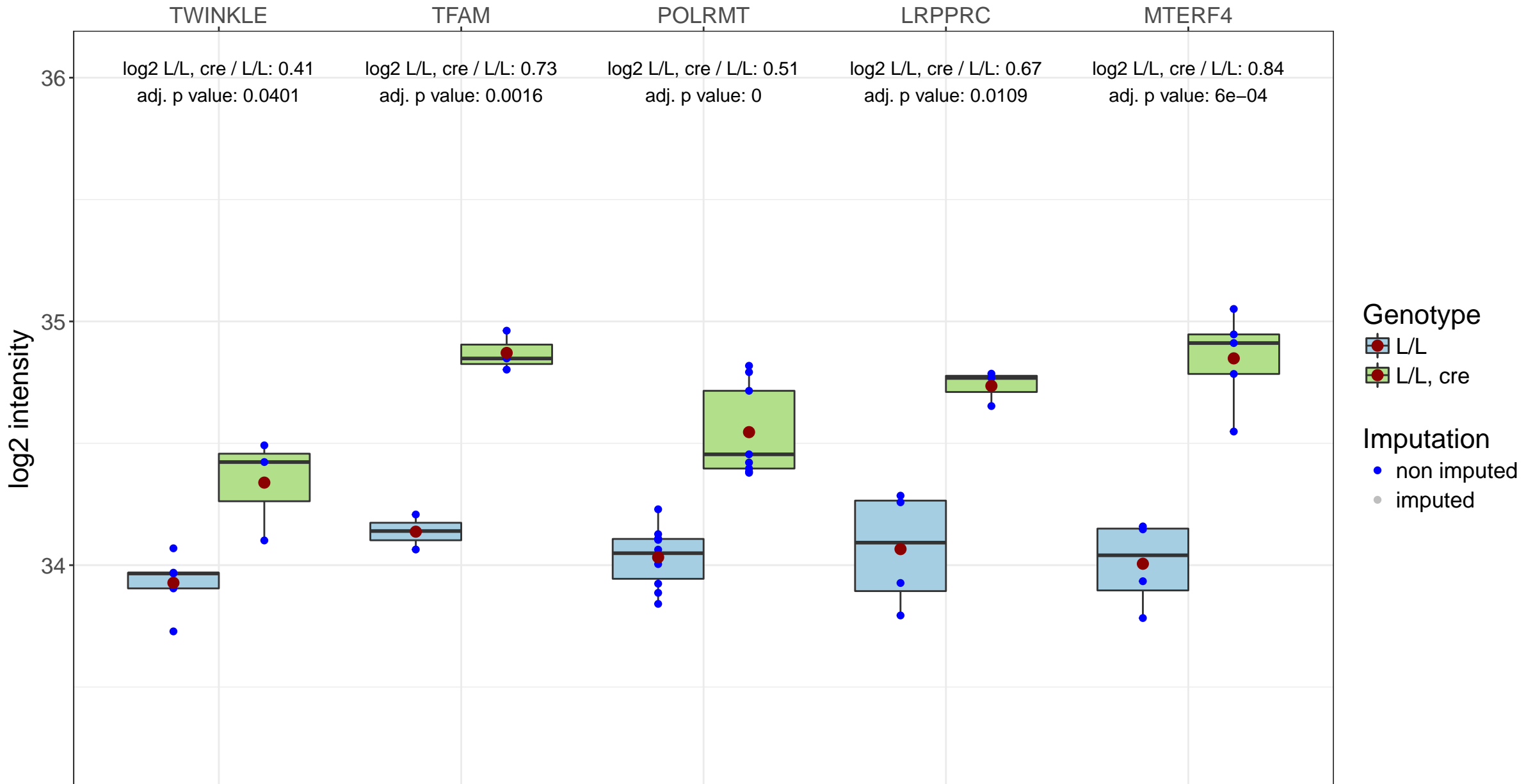
# VDAC1 / Q60932-2



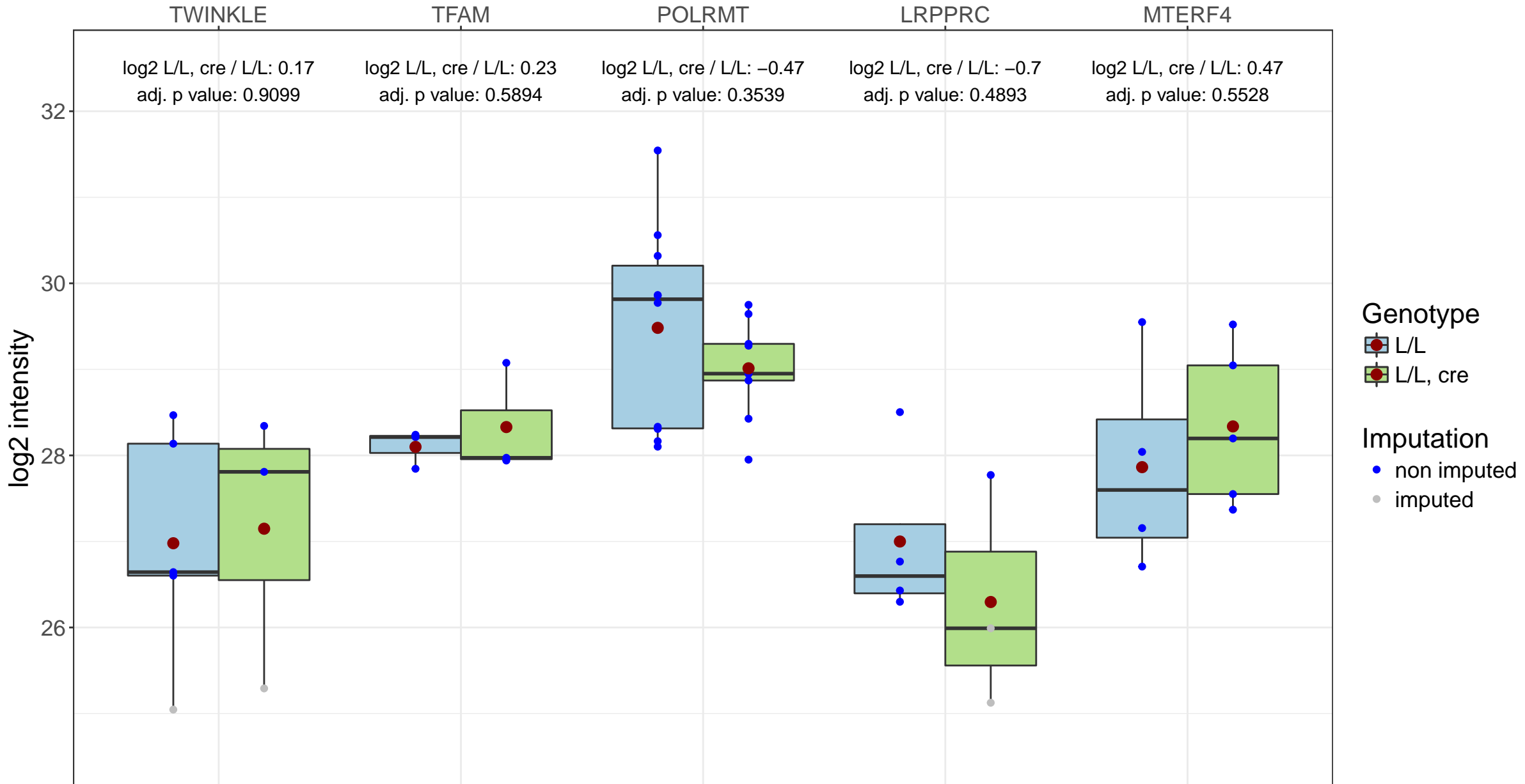
# VDAC2 / Q60930



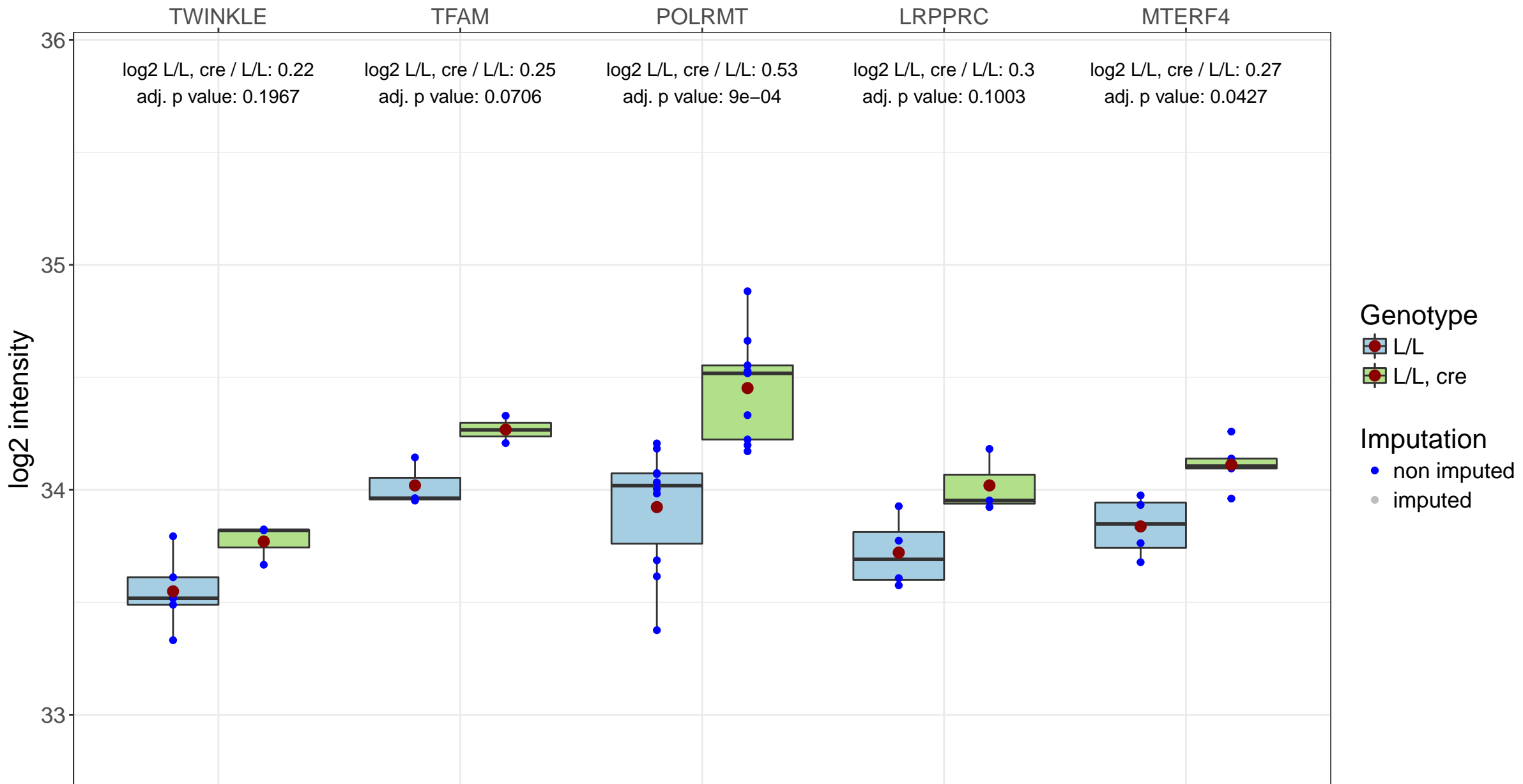
# VDAC3 / Q60931



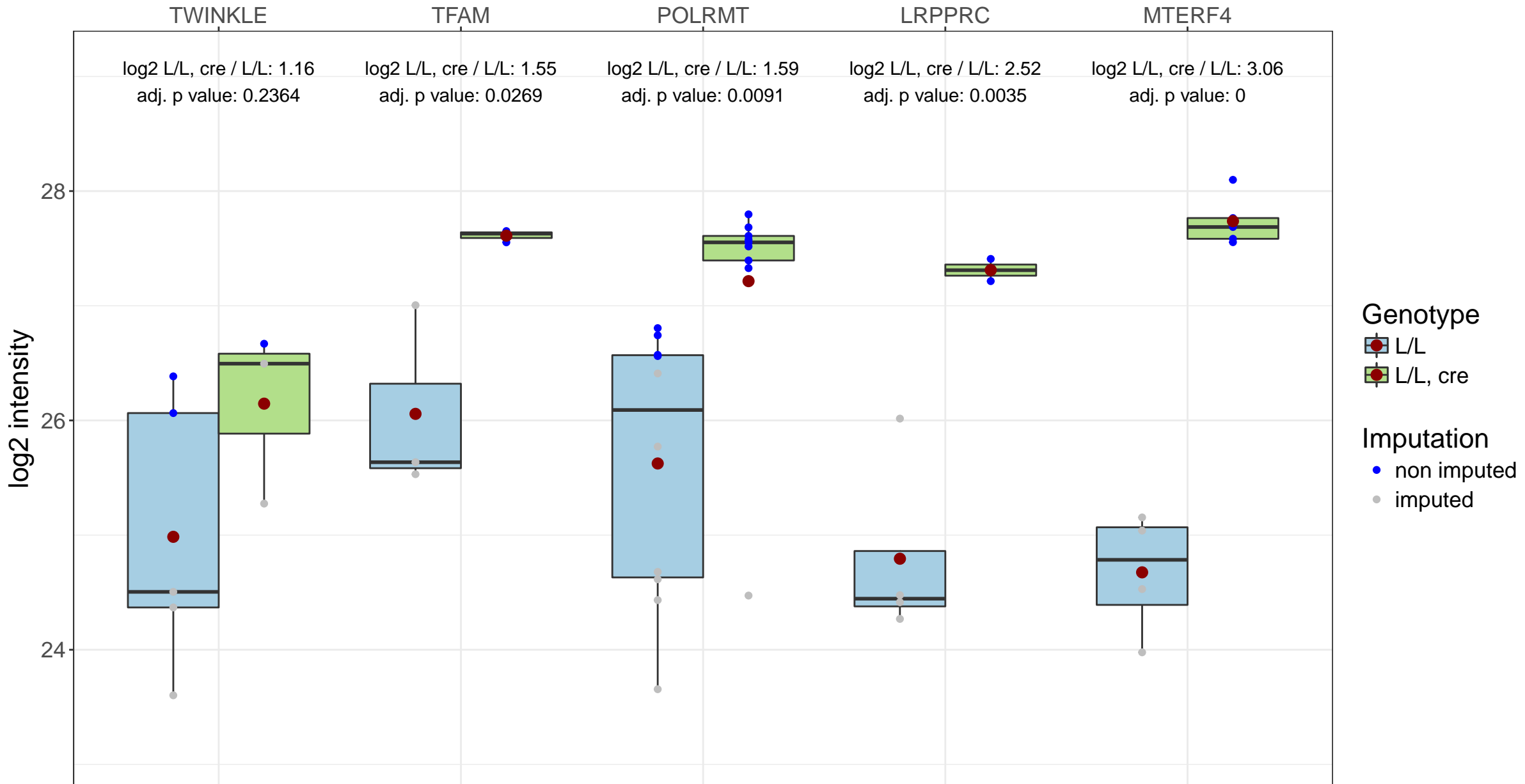
# VIM / P20152



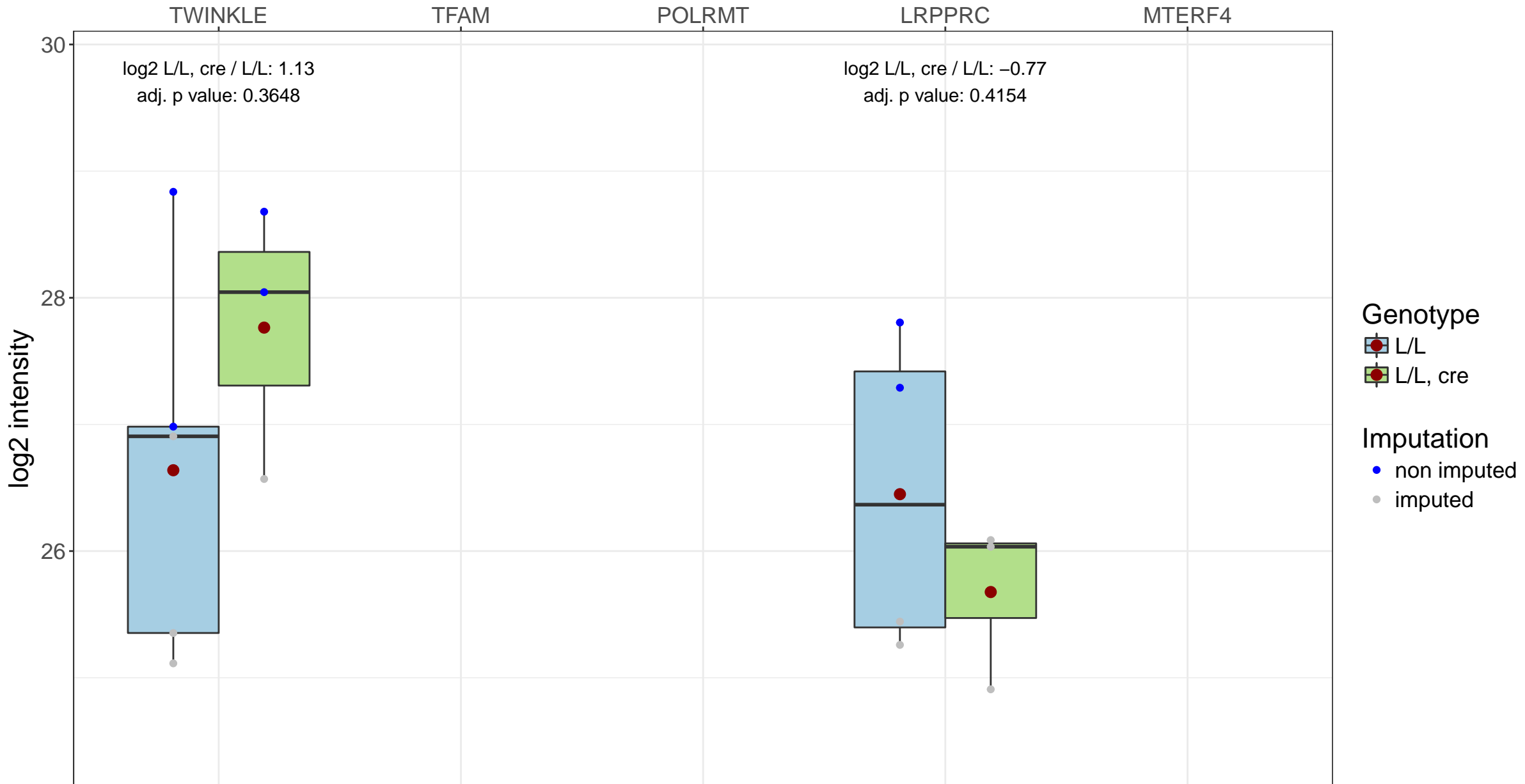
# VWA8 / Q8CC88



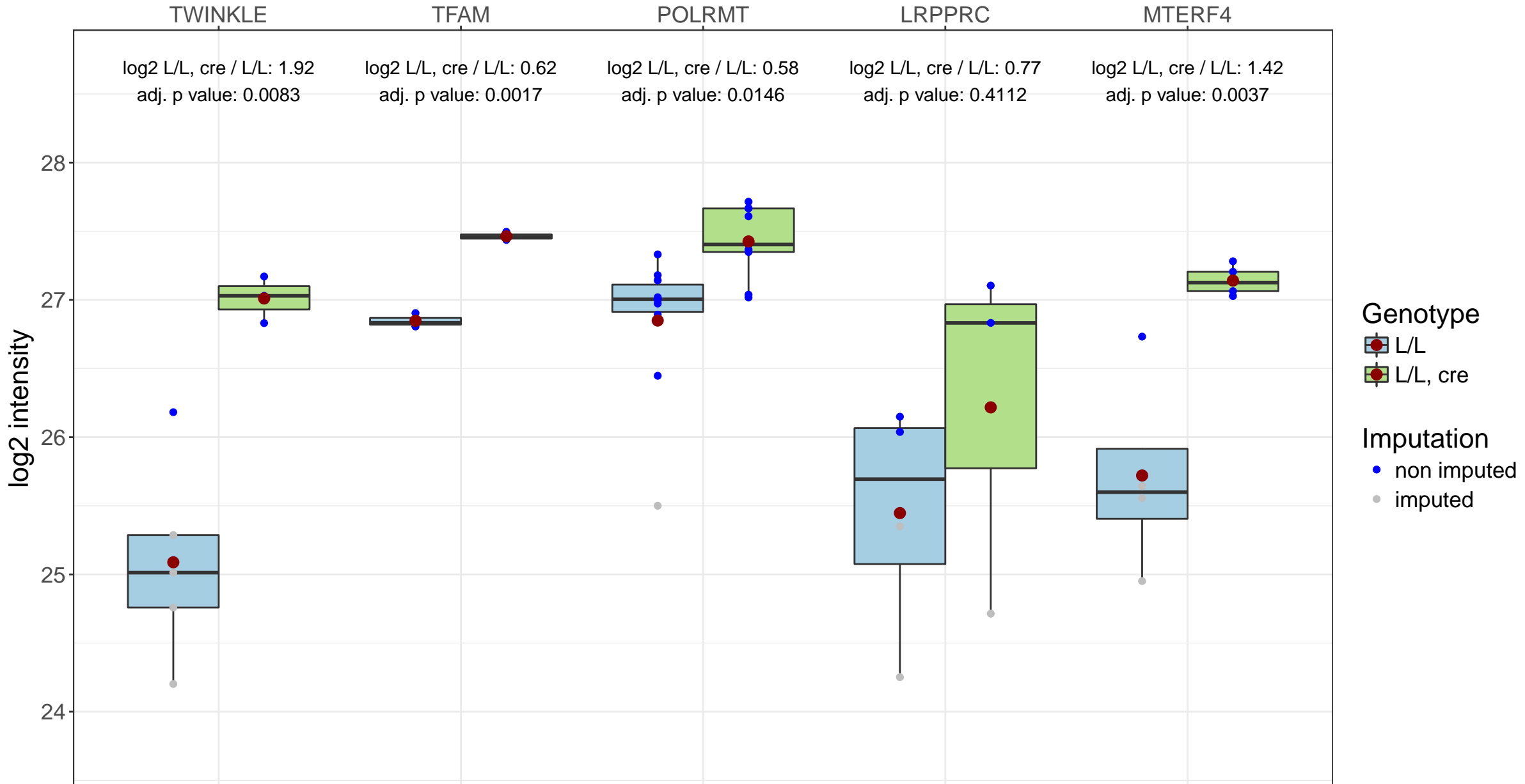
# WARS2 / Q9CYK1



# WASL / Q91YD9

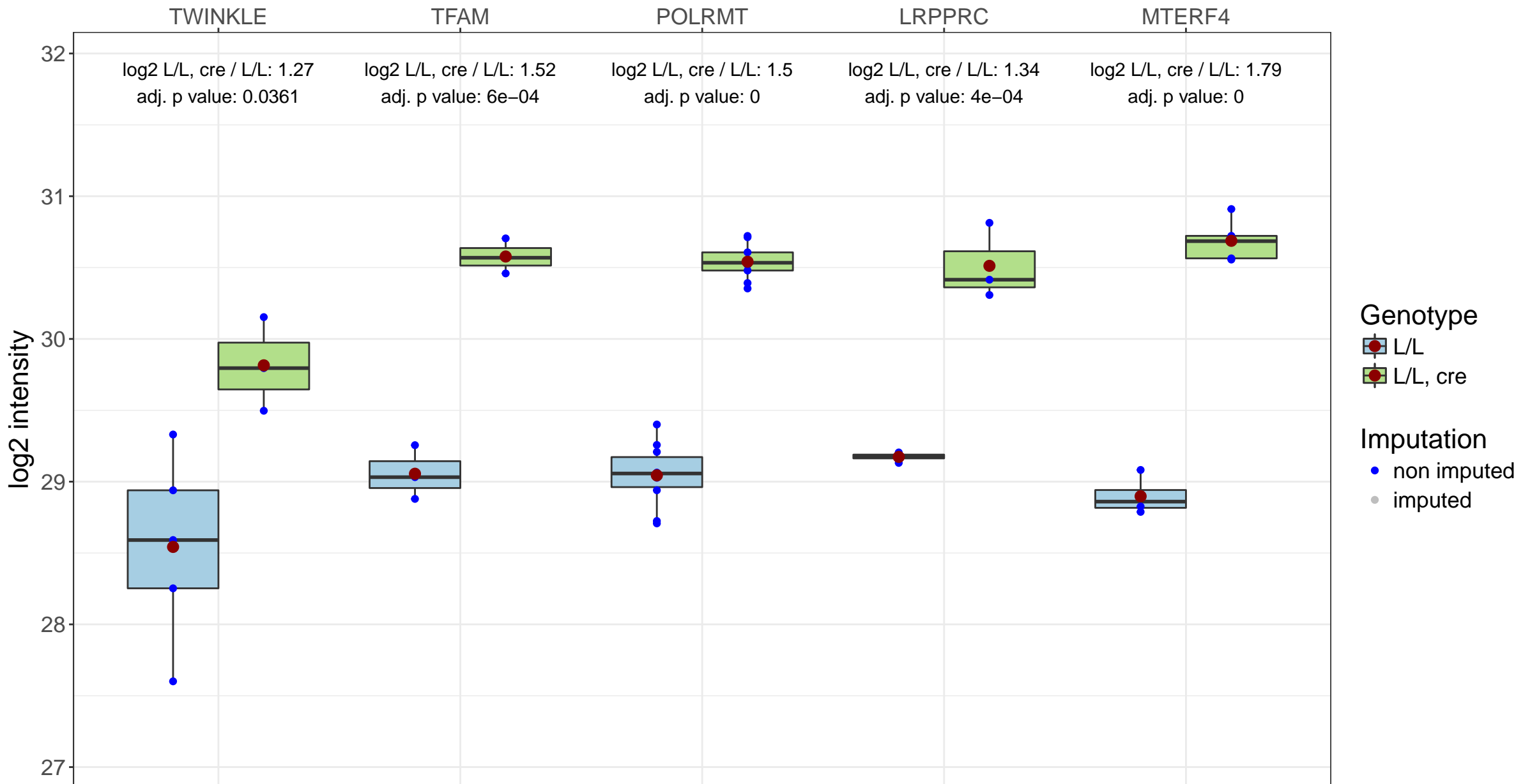


# XPNPEP3 / B7ZMP1

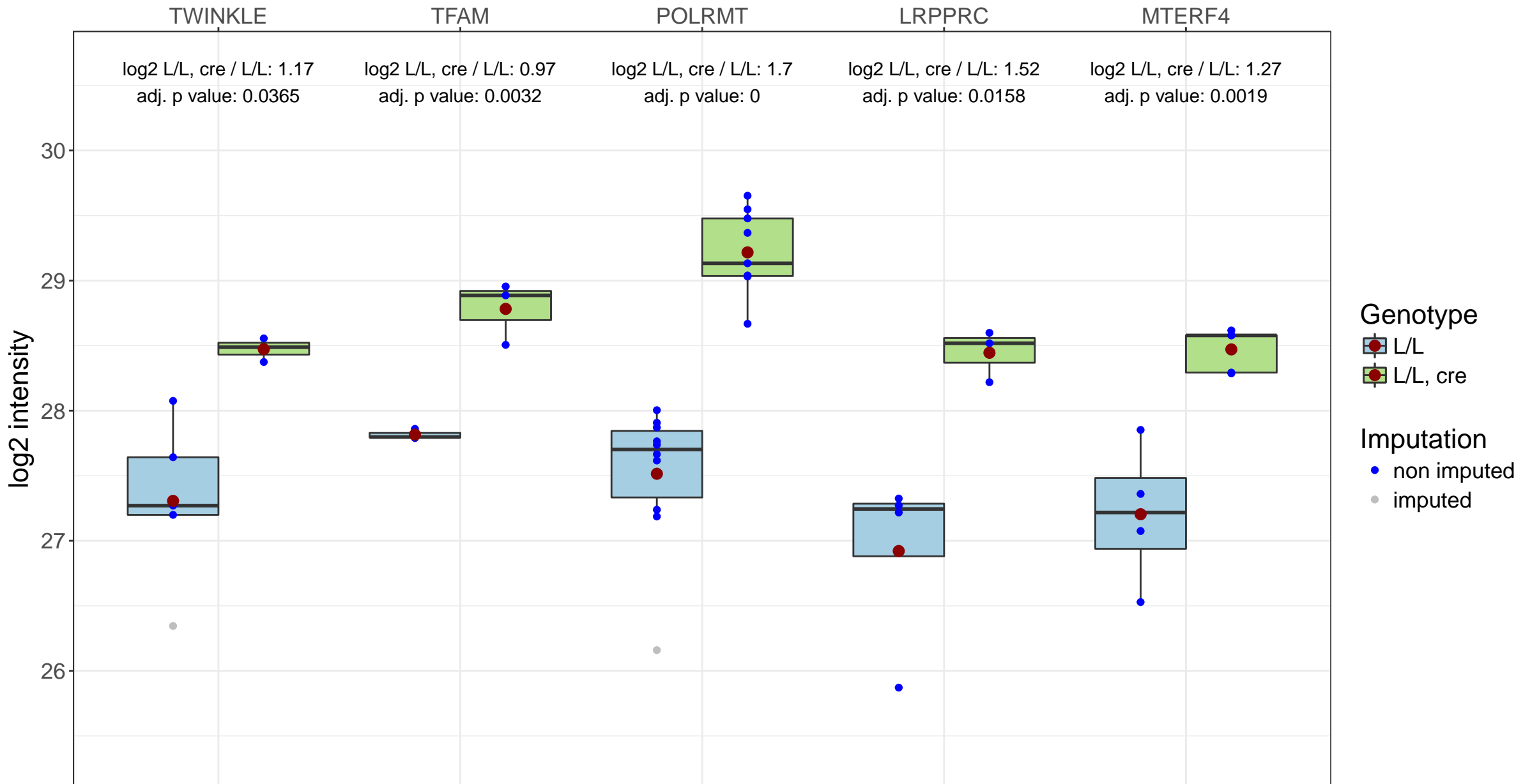




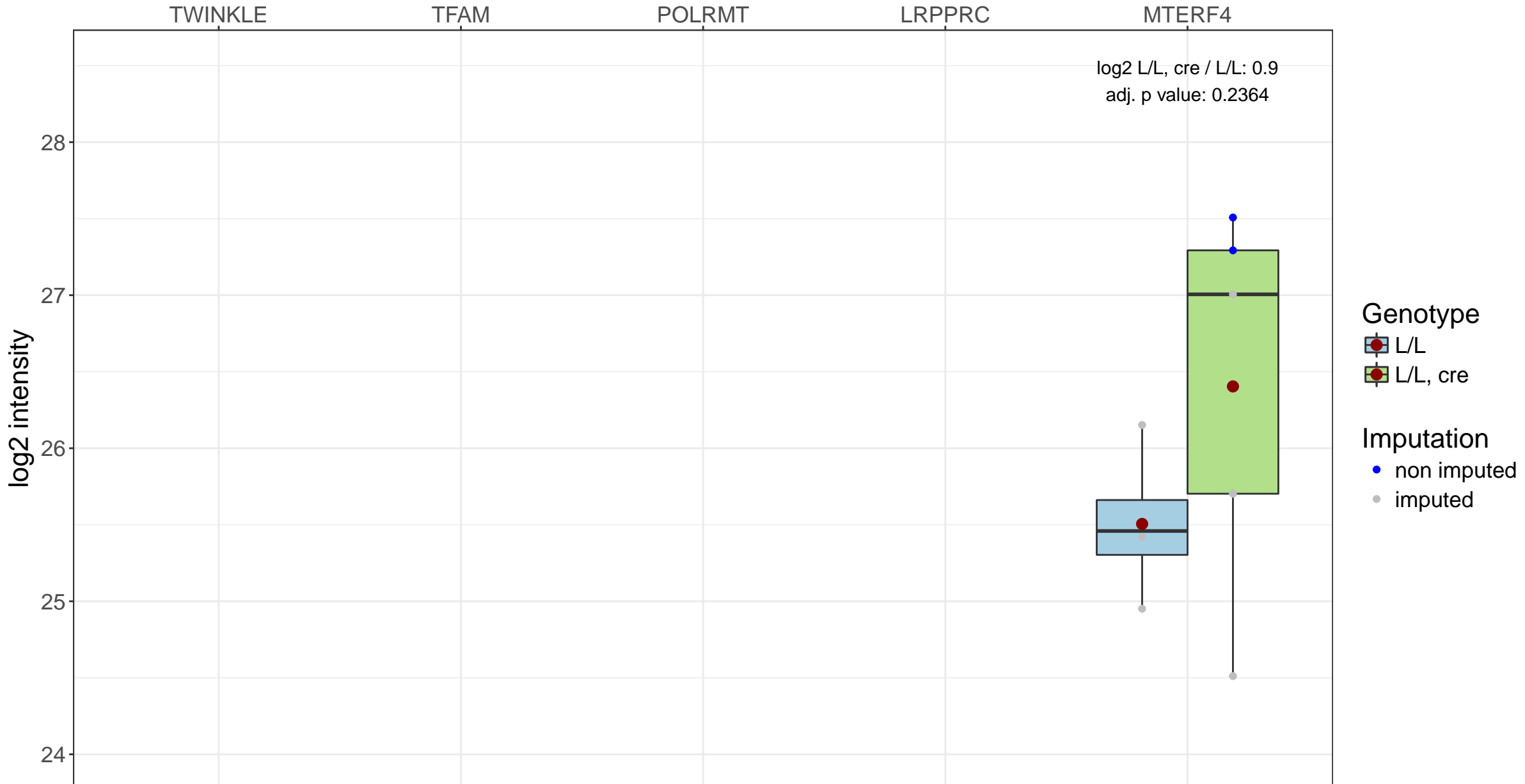
# YARS2 / Q8BYL4



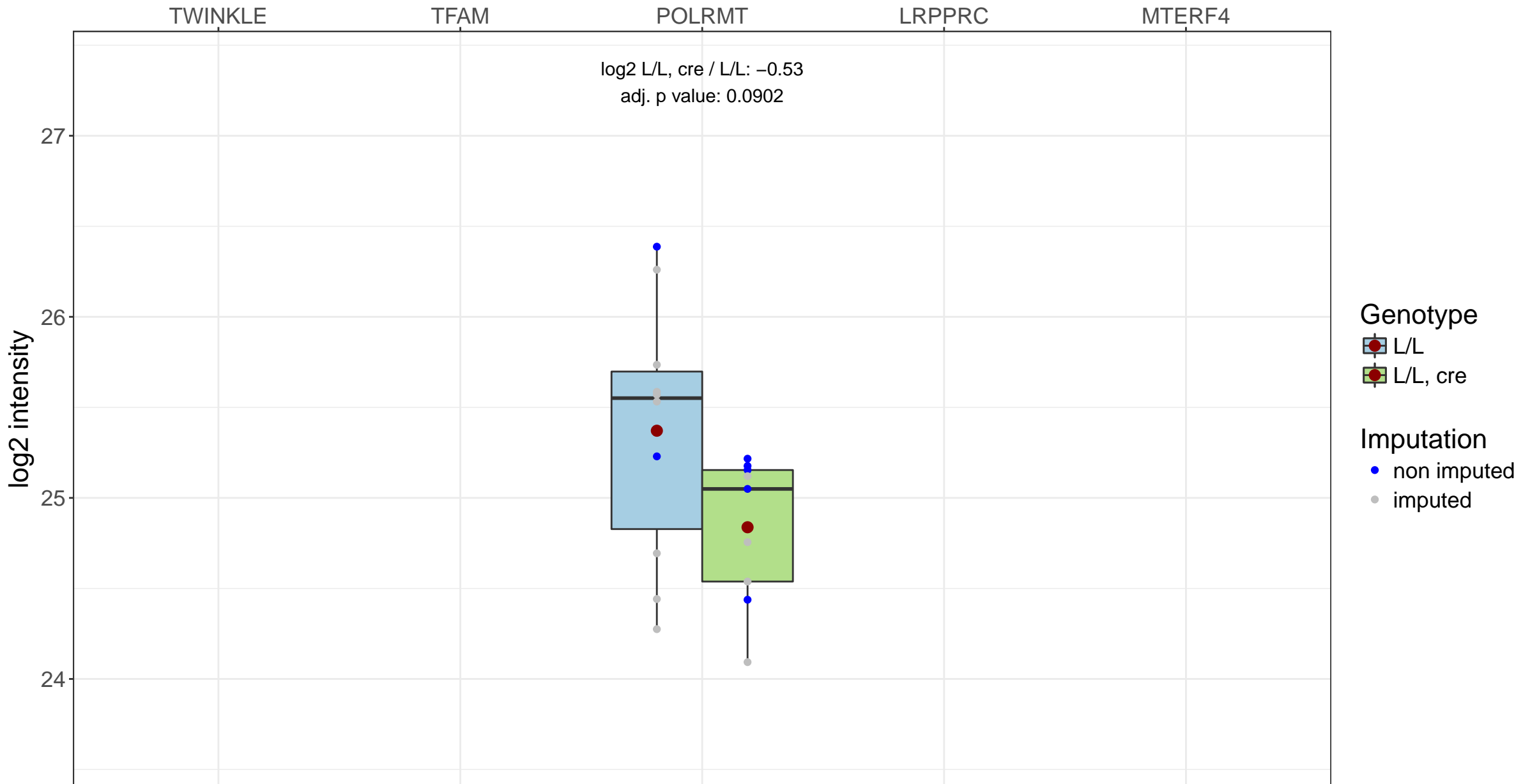
# YME1L1 / O88967



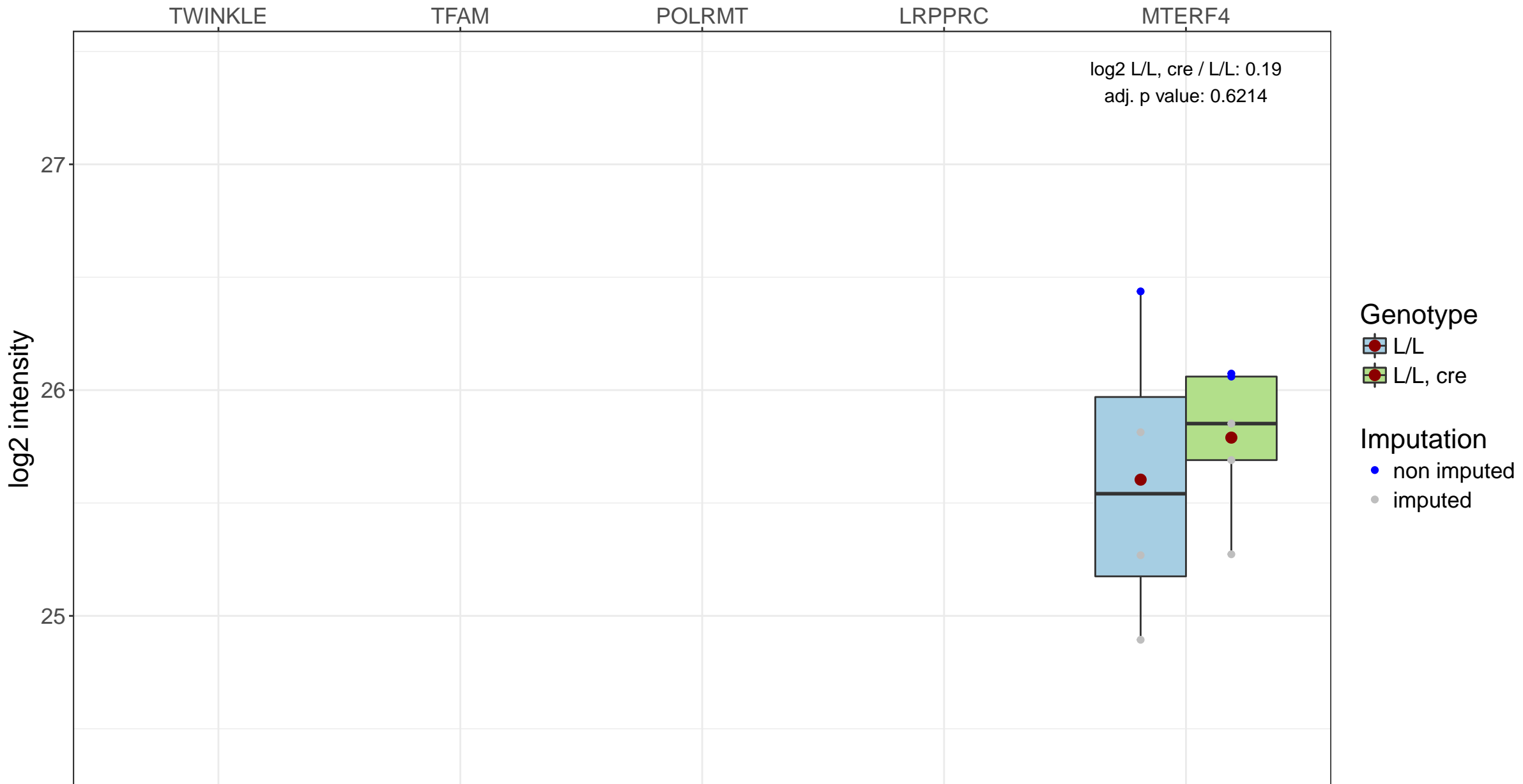
# YWHAE / P62259



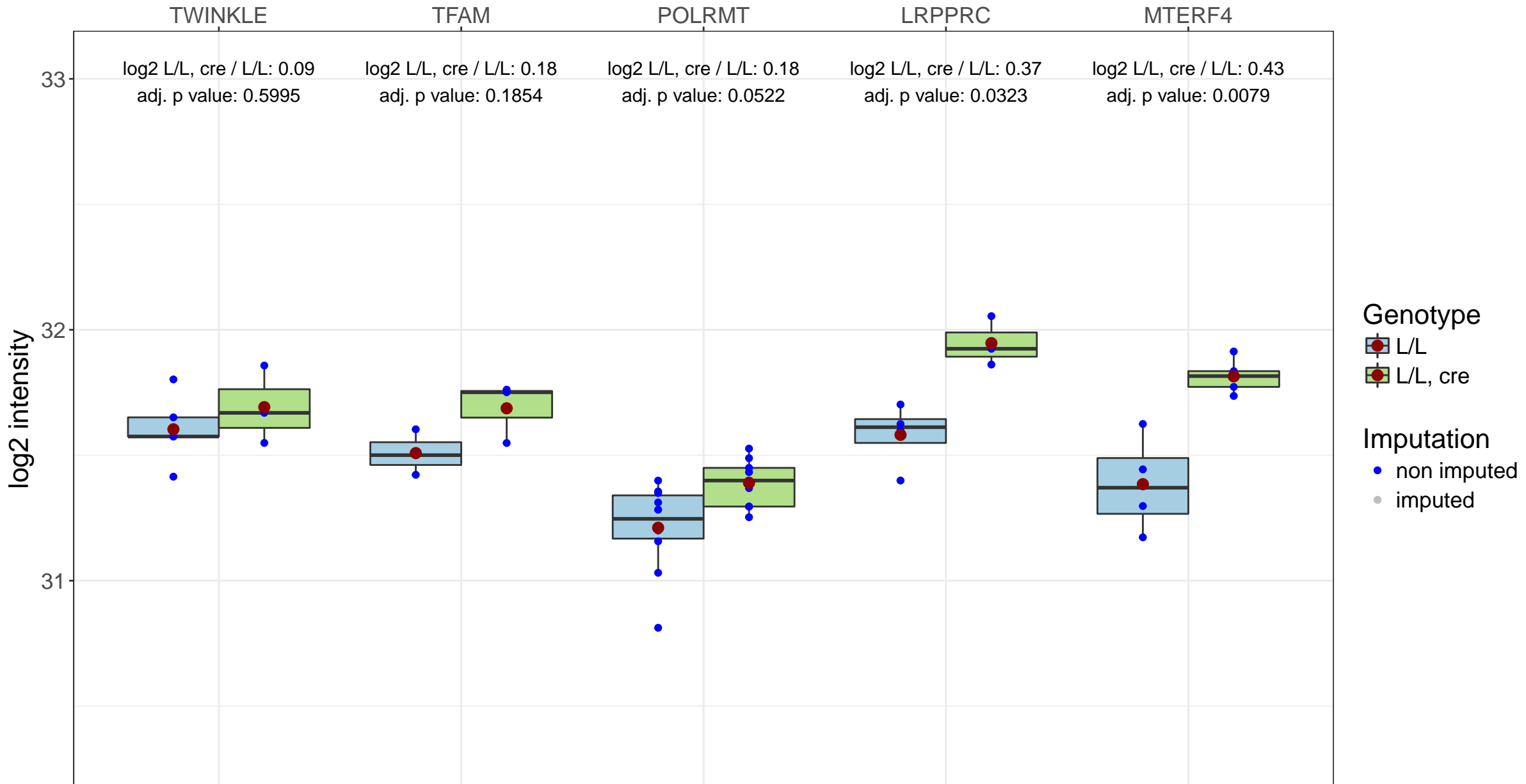
# YWHAG / P61982



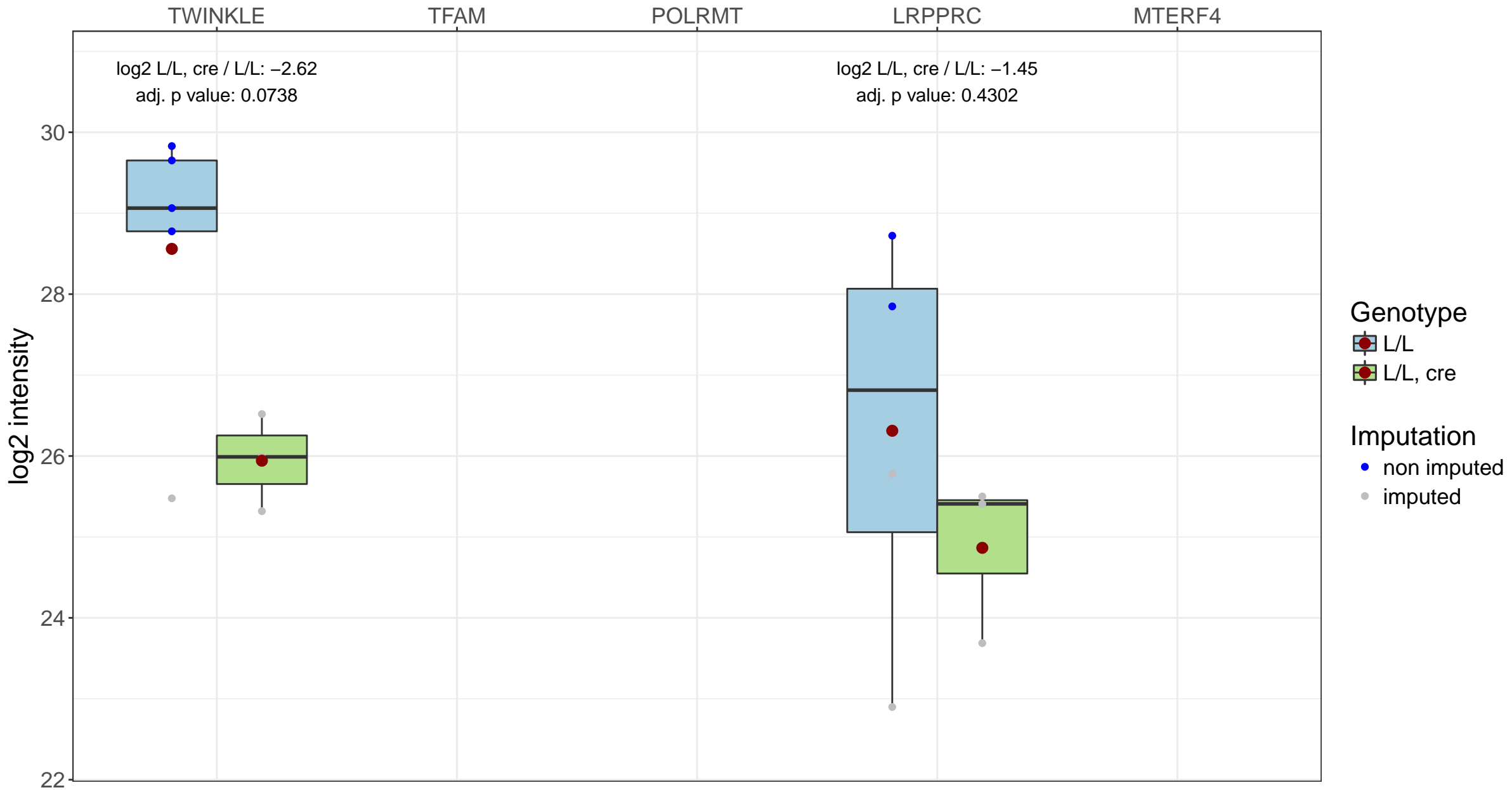
# YWHAZ / P63101



# ZADH2 / Q8BGC4



# ZFP11 / P10751



# ZFYVE26 / Q5DU37-3

