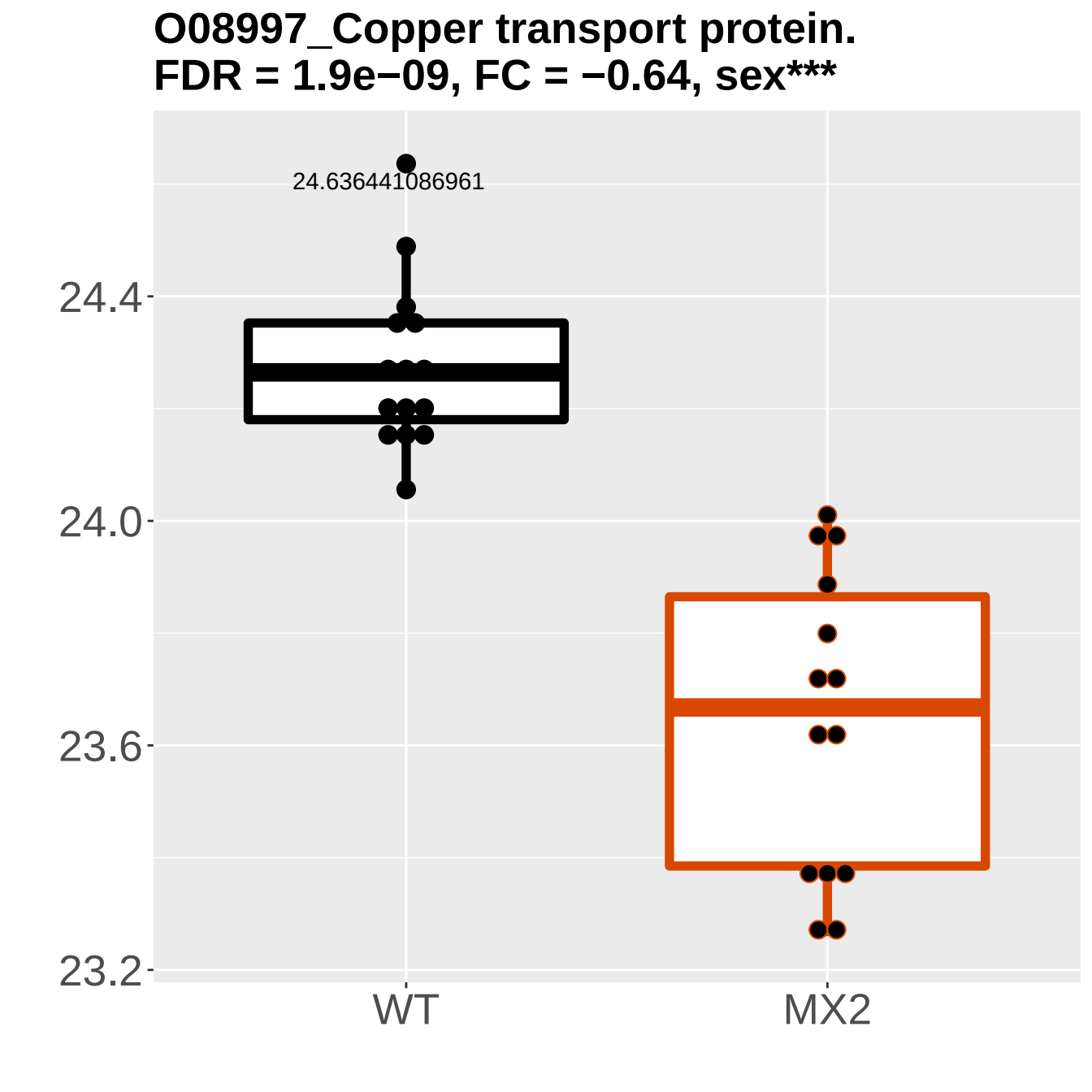
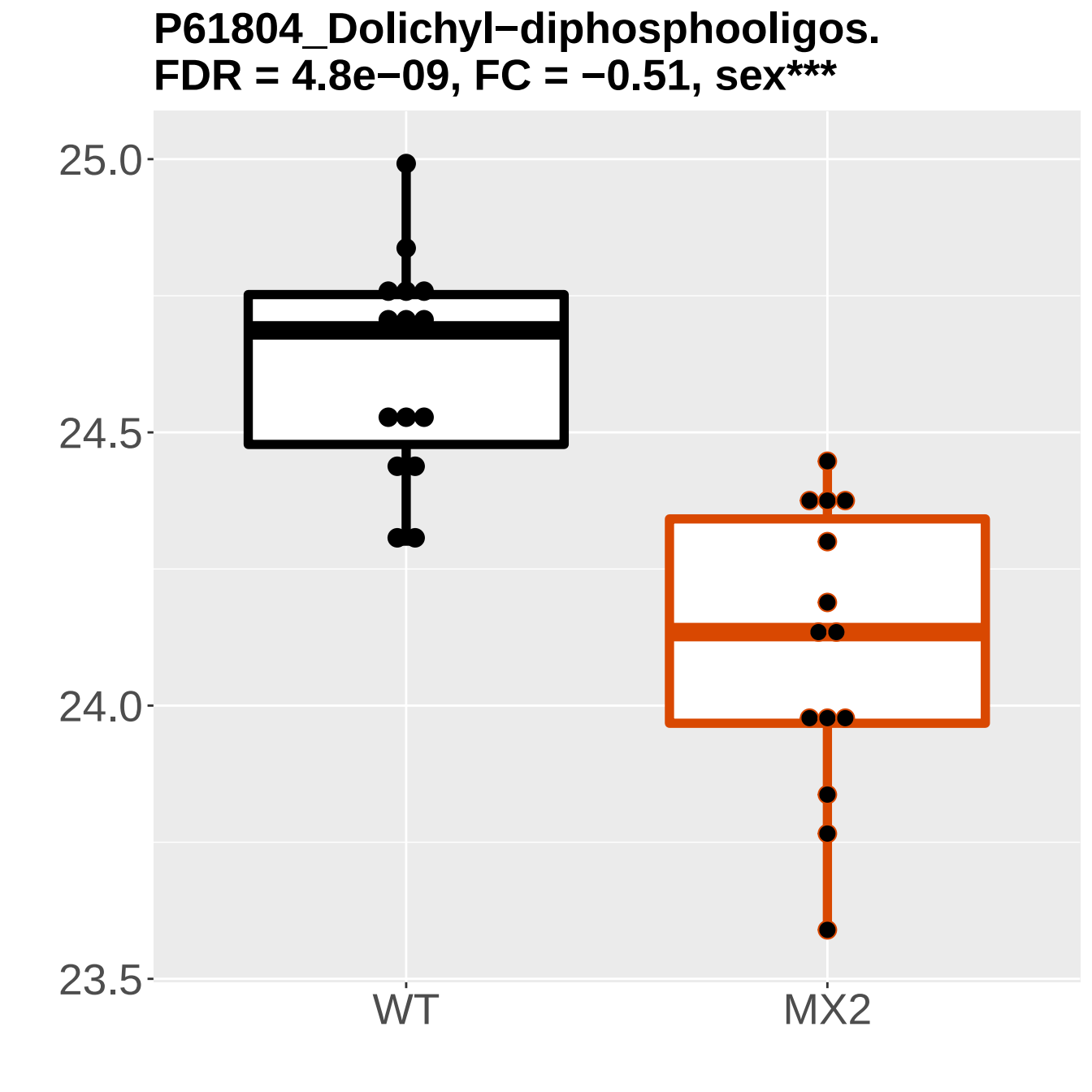
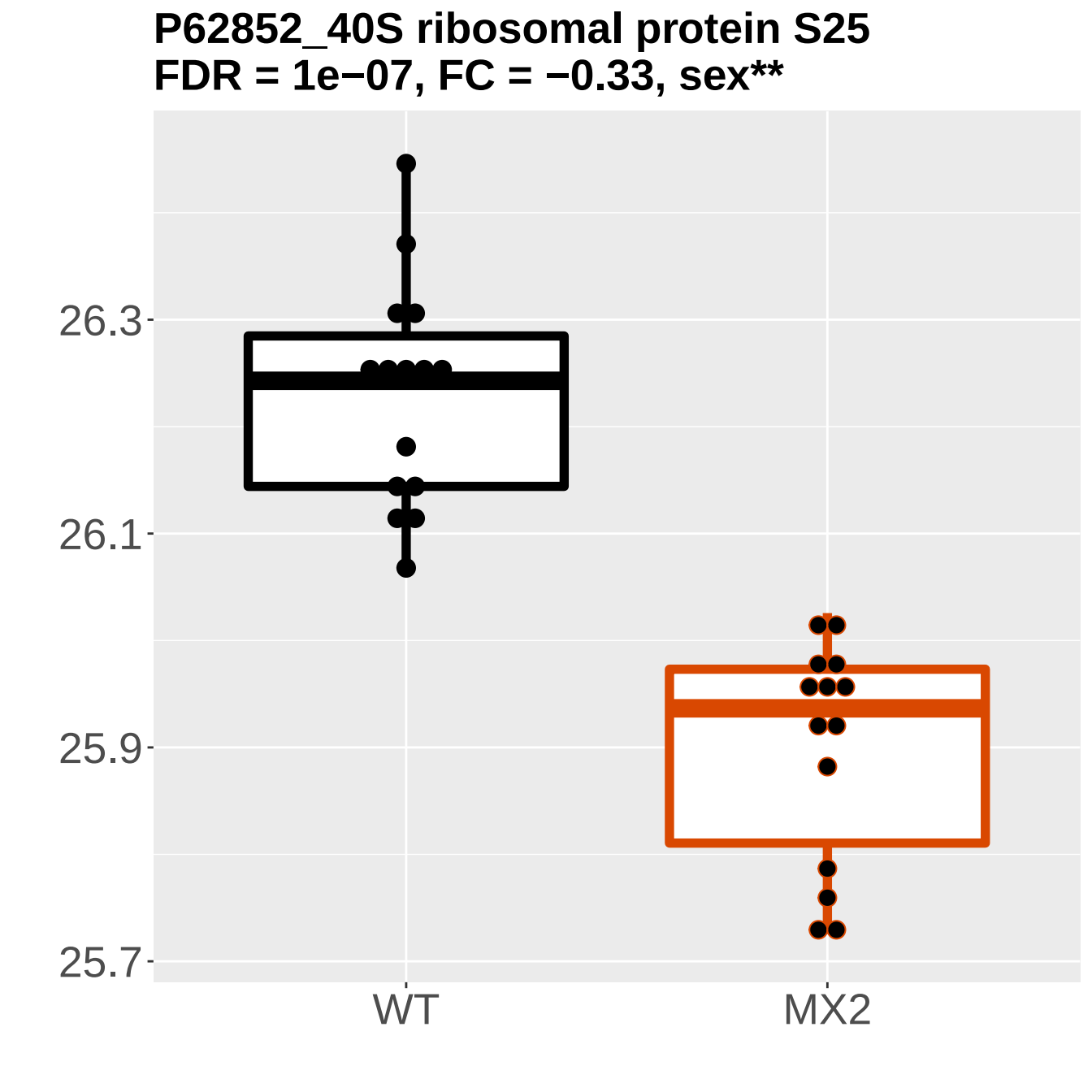
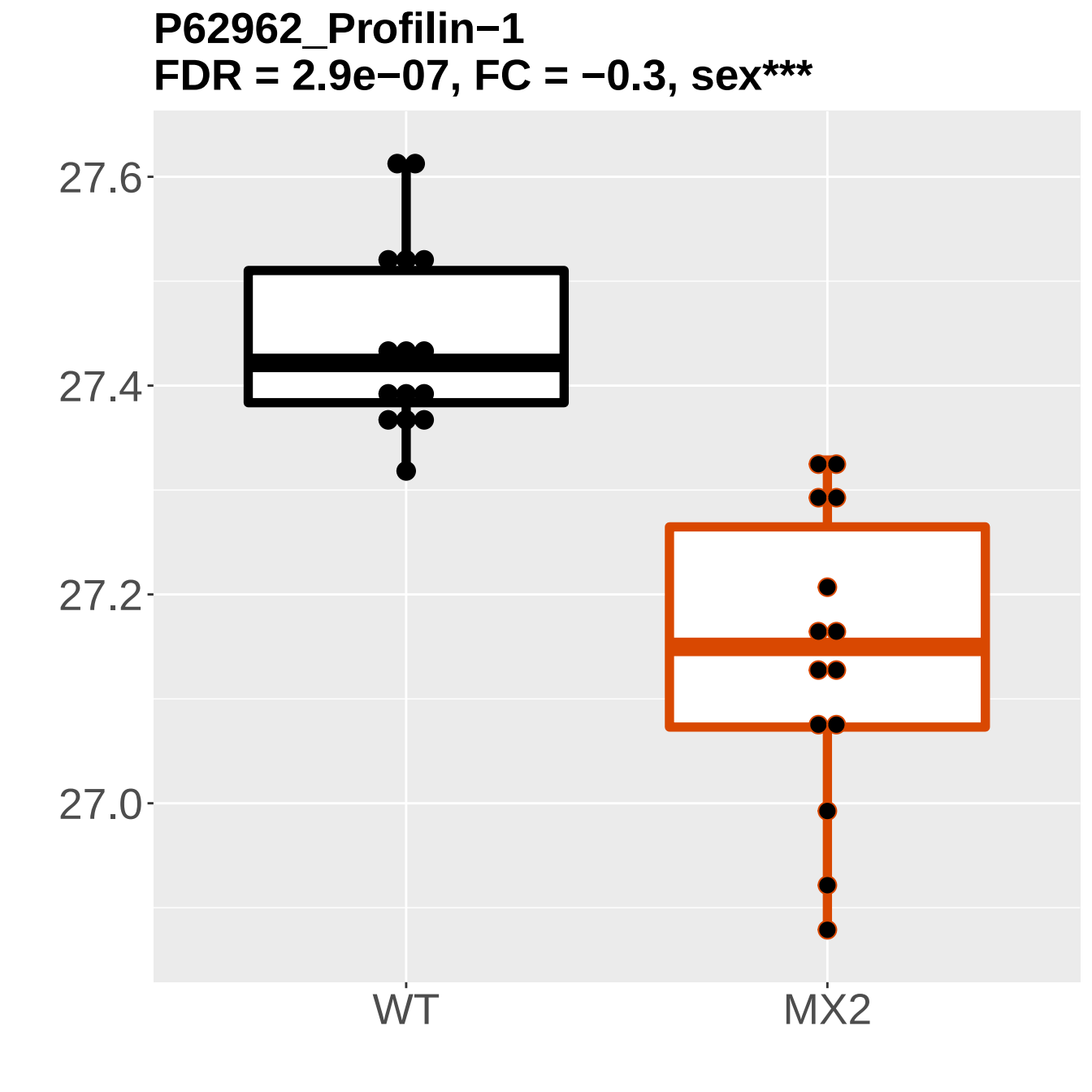
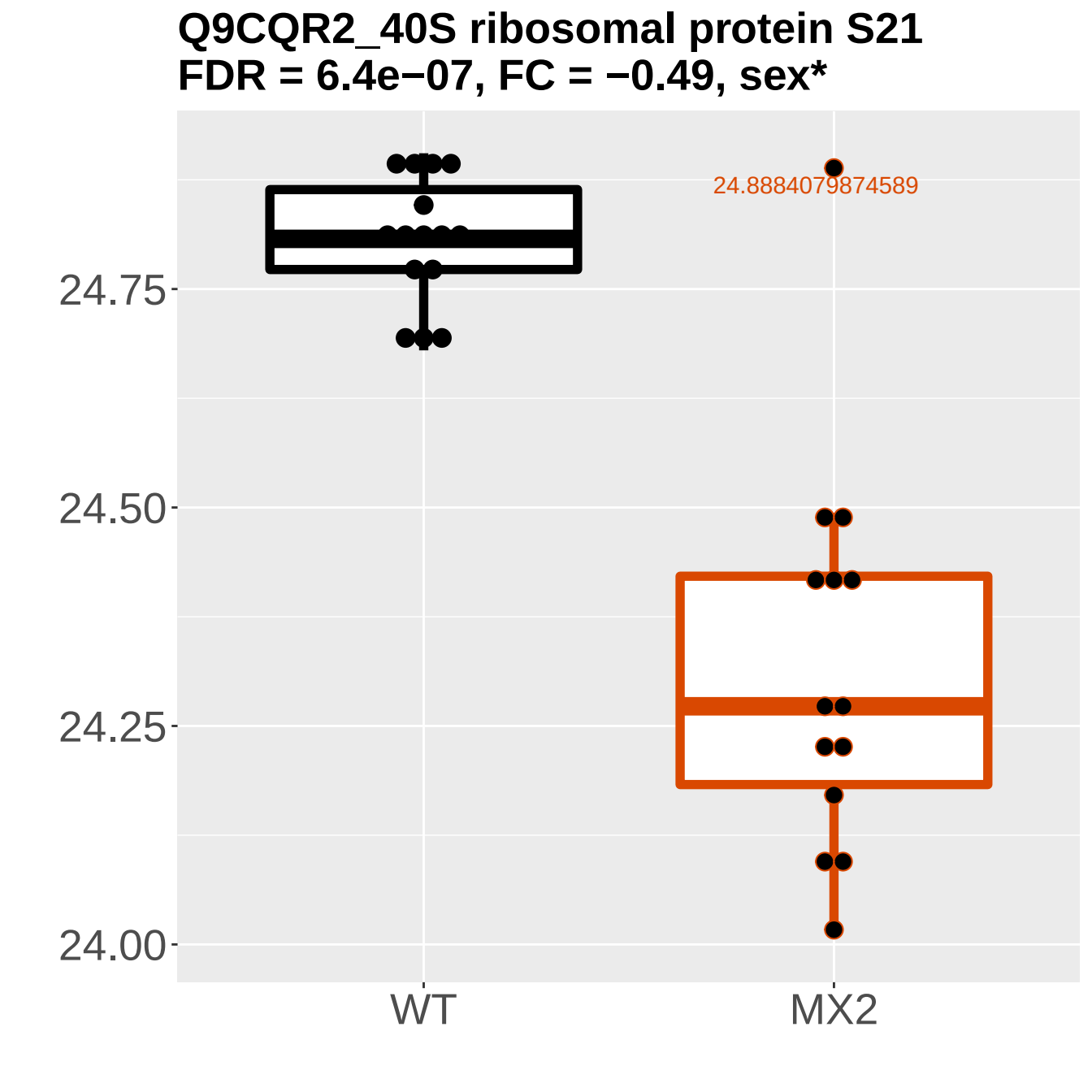
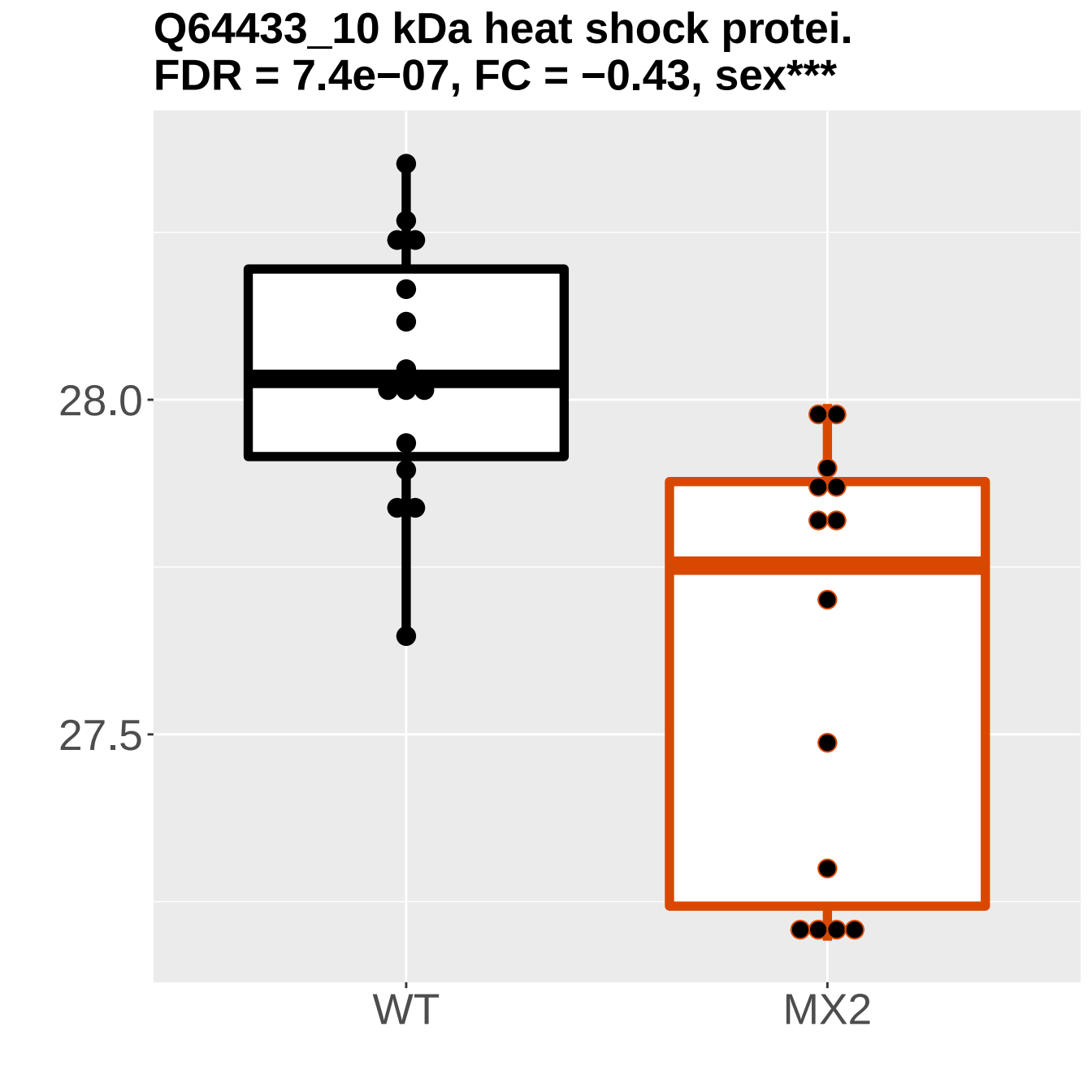

O08997_Copper transport protein.
FDR = 1.9e−09, FC = −0.64, sex***
24.636441086961
24.4
24.0
23.6
23.2
WT
MX2

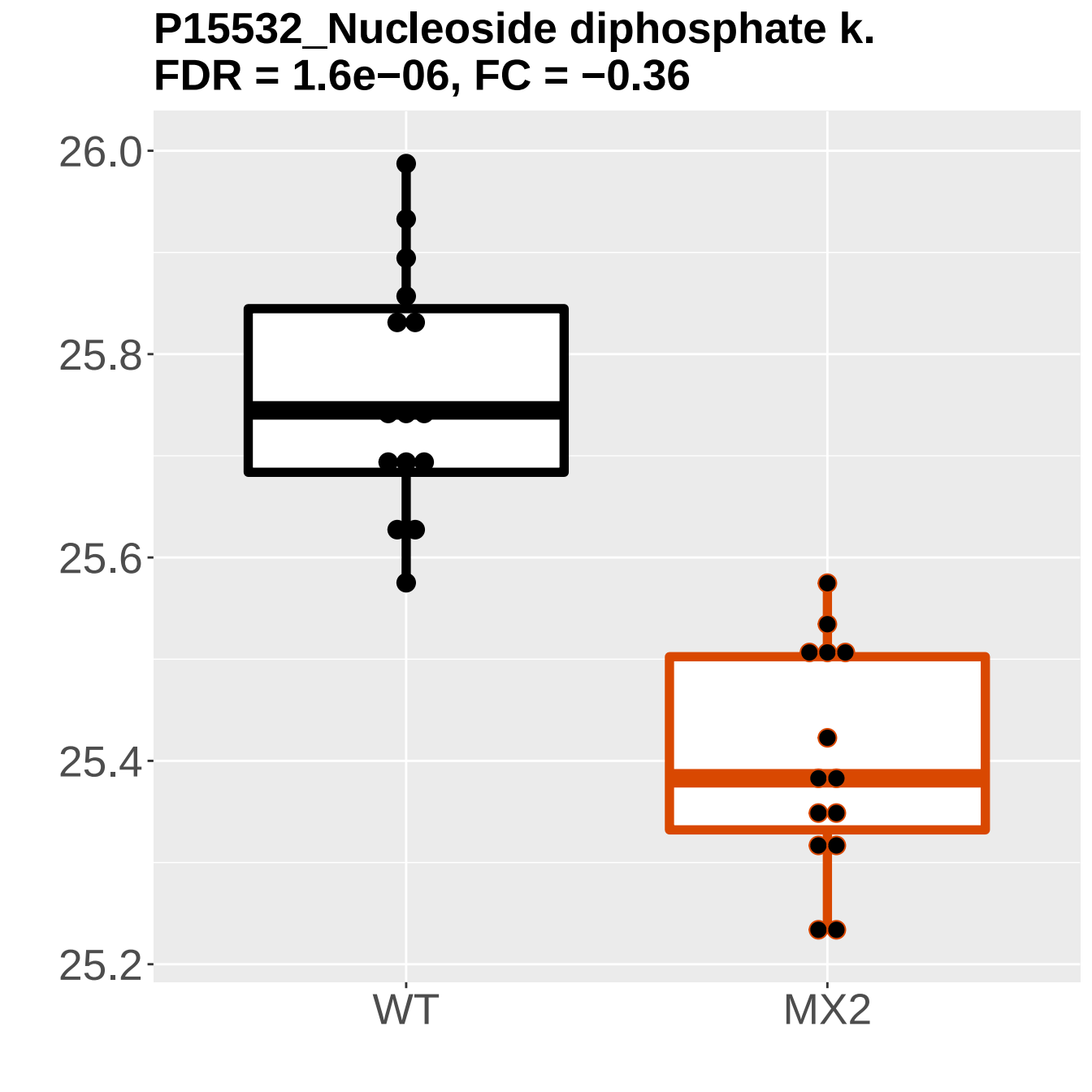

P61804_Dolichyl−diphosphooligos.
FDR = 4.8e−09, FC = −0.51, sex***
25.0
24.5
24.0
23.5
WT
MX2

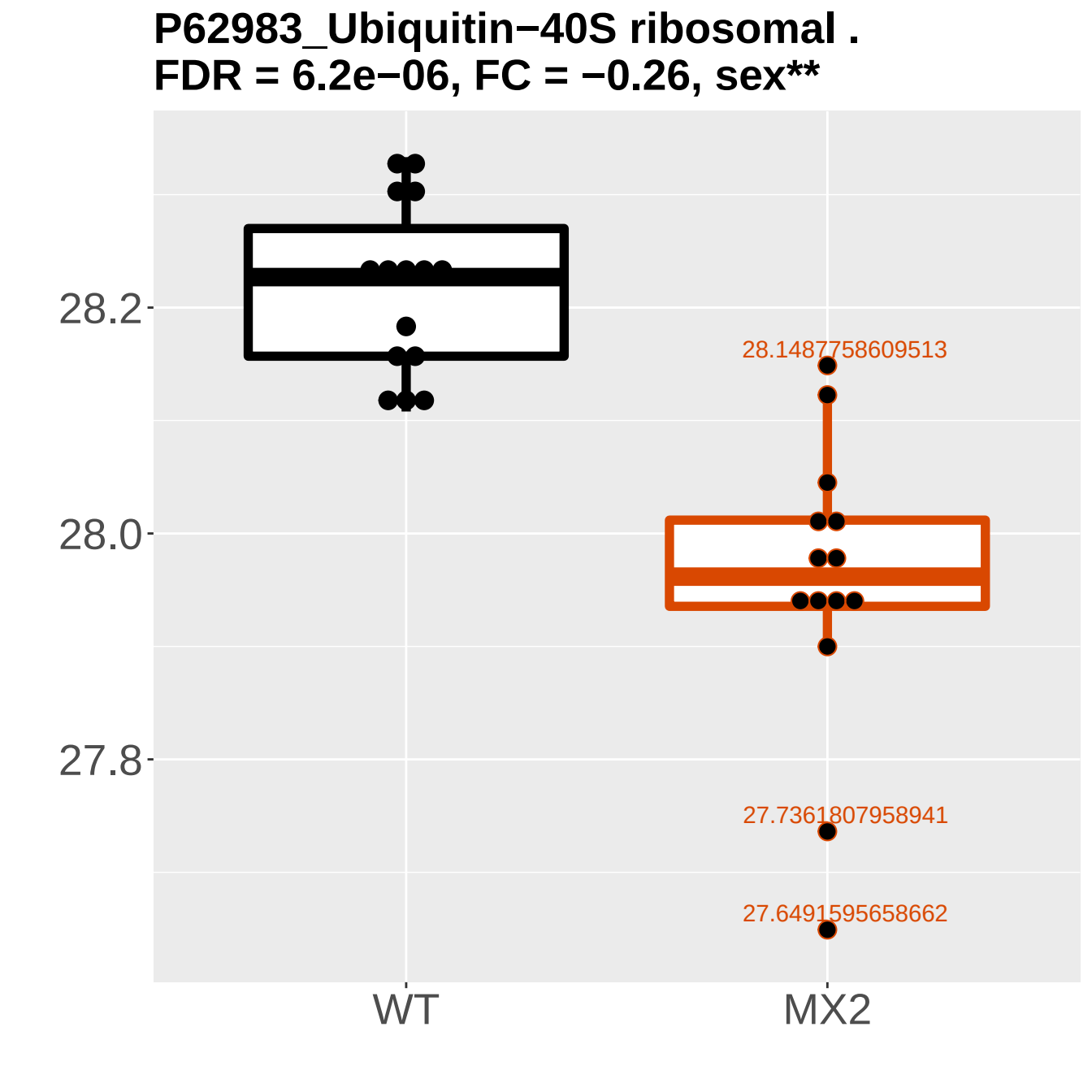

P62852_40S ribosomal protein S25
FDR = 1e−07, FC = −0.33, sex**
26.3
26.1
25.9
25.7
WT
MX2

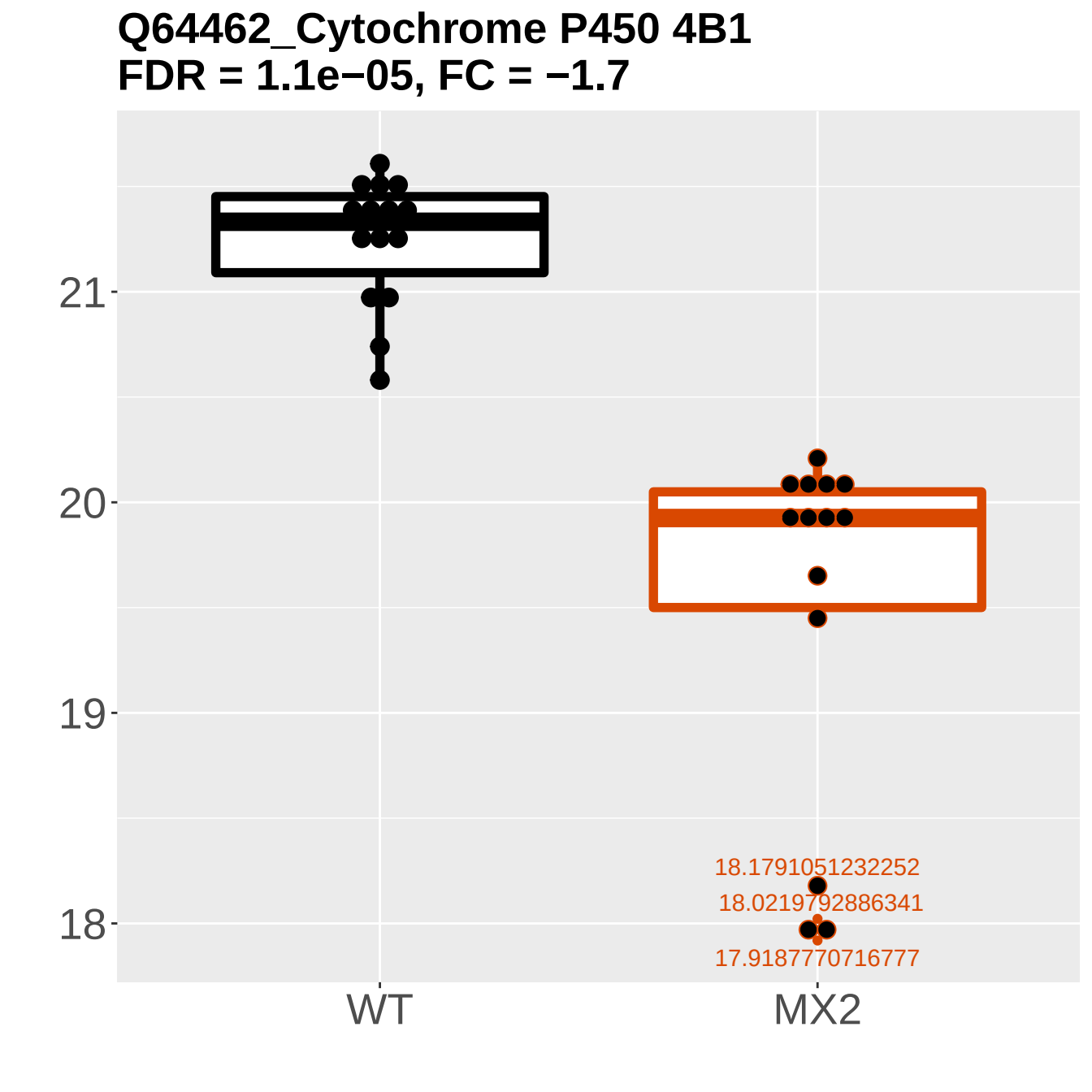

P62962_Profilin−1
FDR = 2.9e−07, FC = −0.3, sex***
27.6
27.4
27.2
27.0
WT
MX2

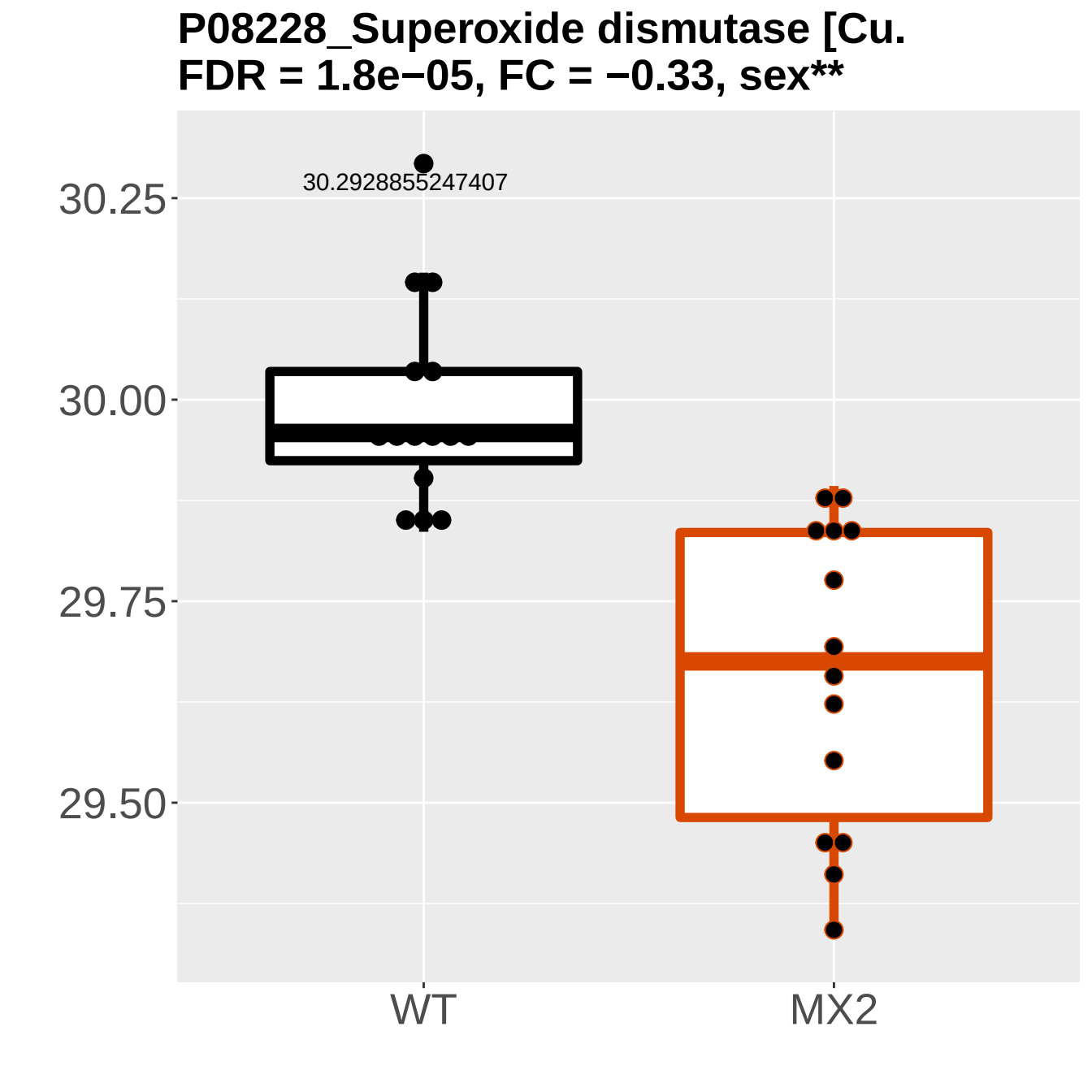

Q9CQR2_40S ribosomal protein S21
FDR = 6.4e−07, FC = −0.49, sex*
24.8884079874589
24.75
24.50
24.25
24.00
WT
MX2

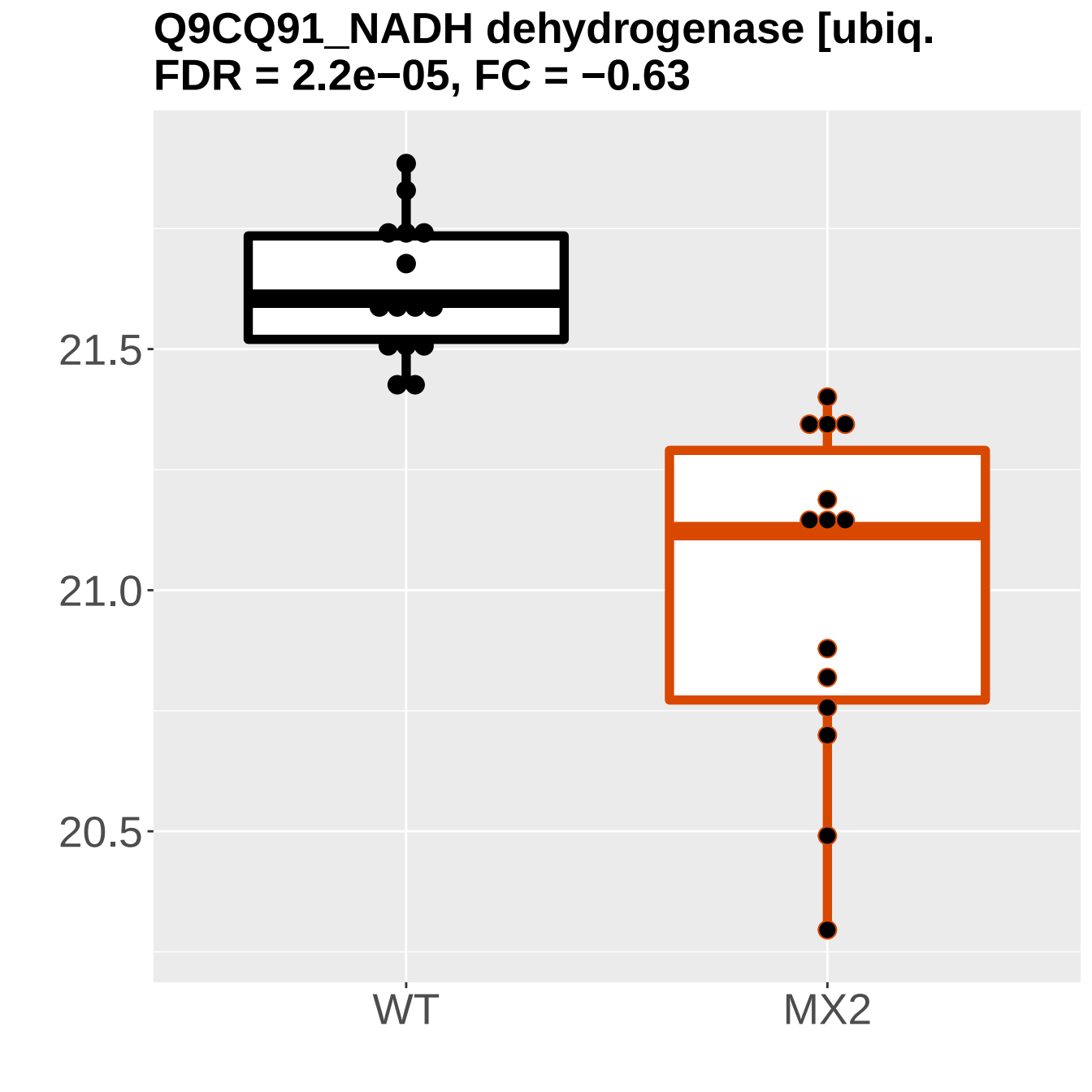

Q64433_10 kDa heat shock protei.
FDR = 7.4e−07, FC = −0.43, sex***
28.0
27.5
WT
MX2

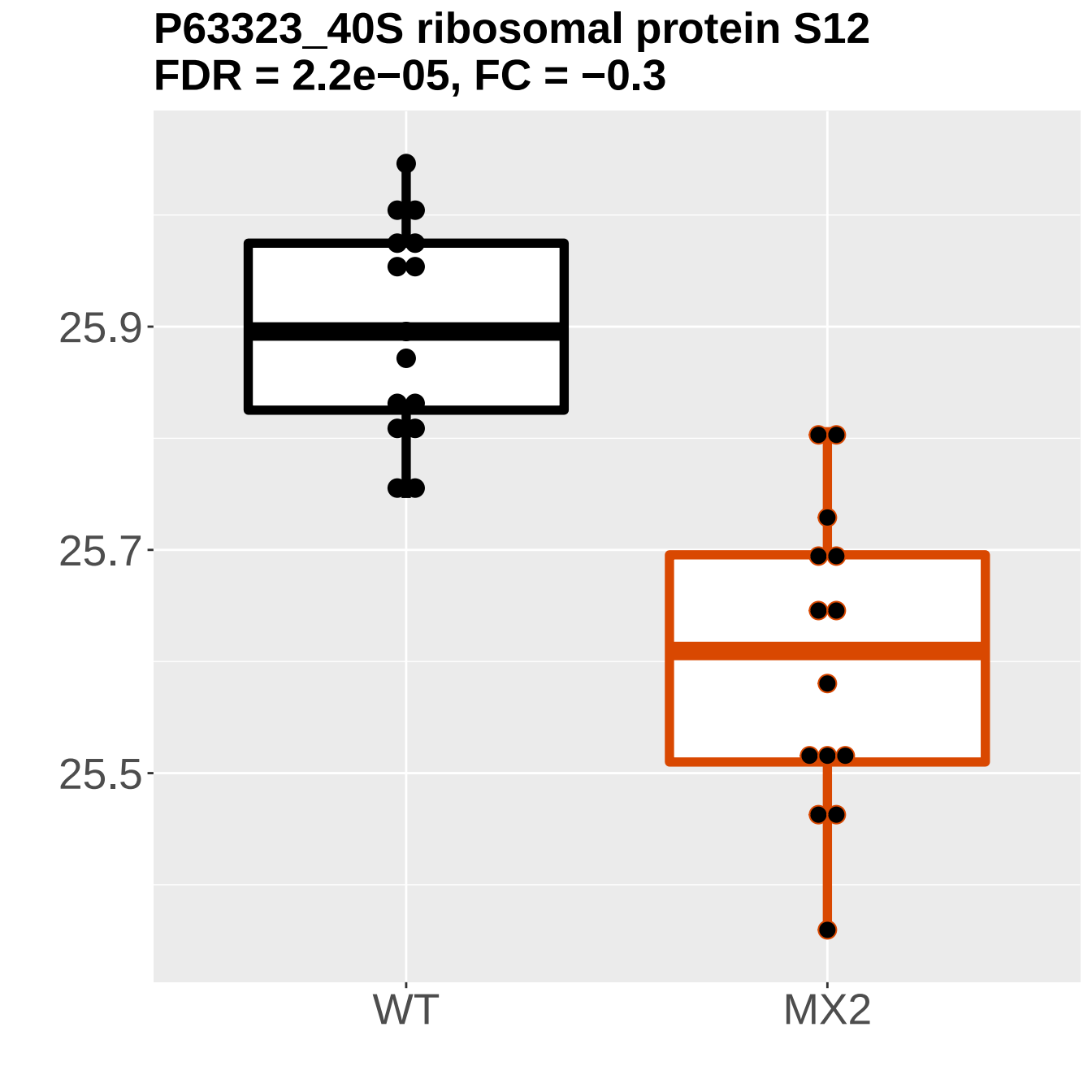

P15532_Nucleoside diphosphate k.
FDR = 1.6e−06, FC = −0.36
26.0
25.8
25.6
25.4
25.2
WT
MX2

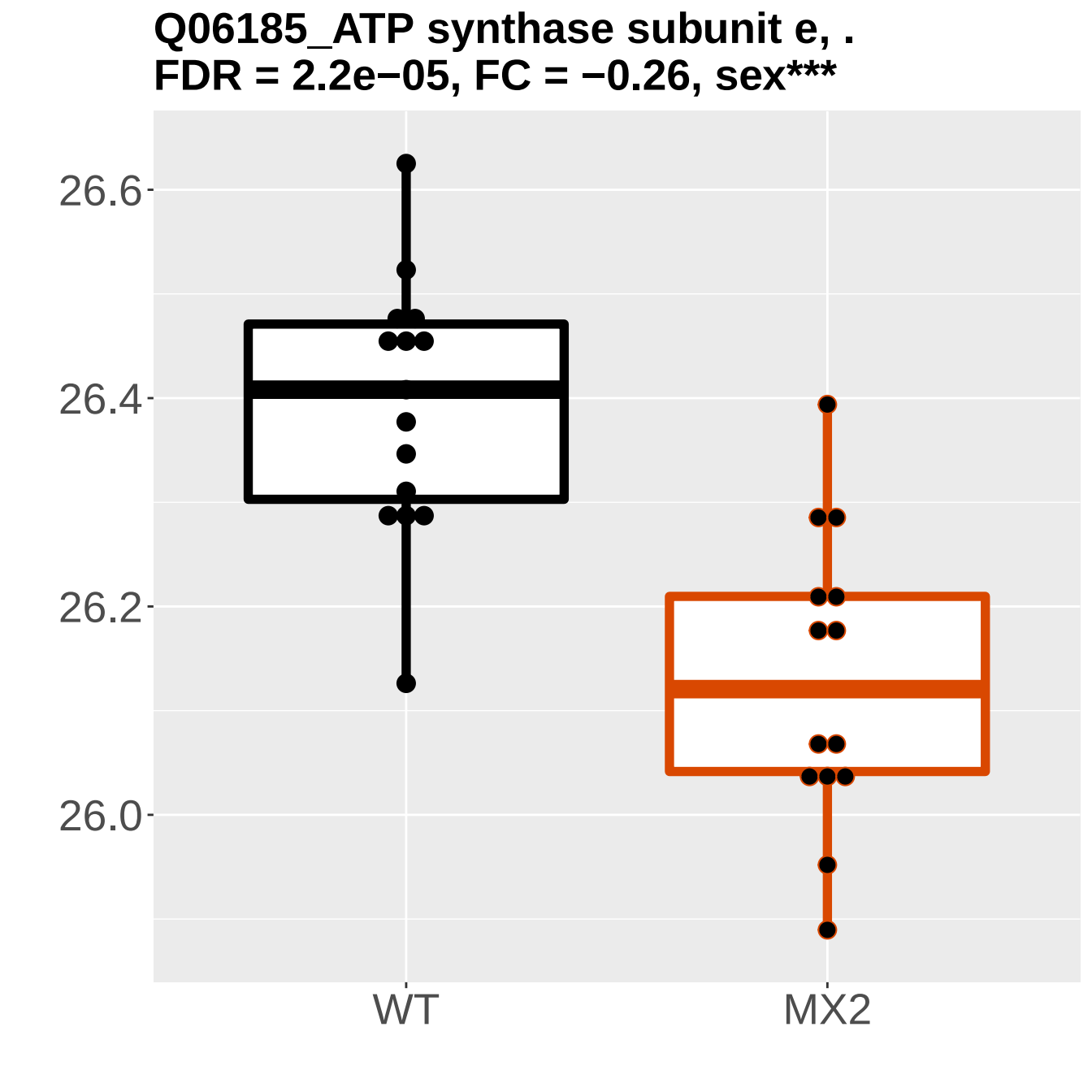

P62983_Ubiquitin−40S ribosomal .
FDR = 6.2e−06, FC = −0.26, sex**
28.2
28.0
27.8
28.1487758609513
27.7361807958941
27.6491595658662
WT
MX2

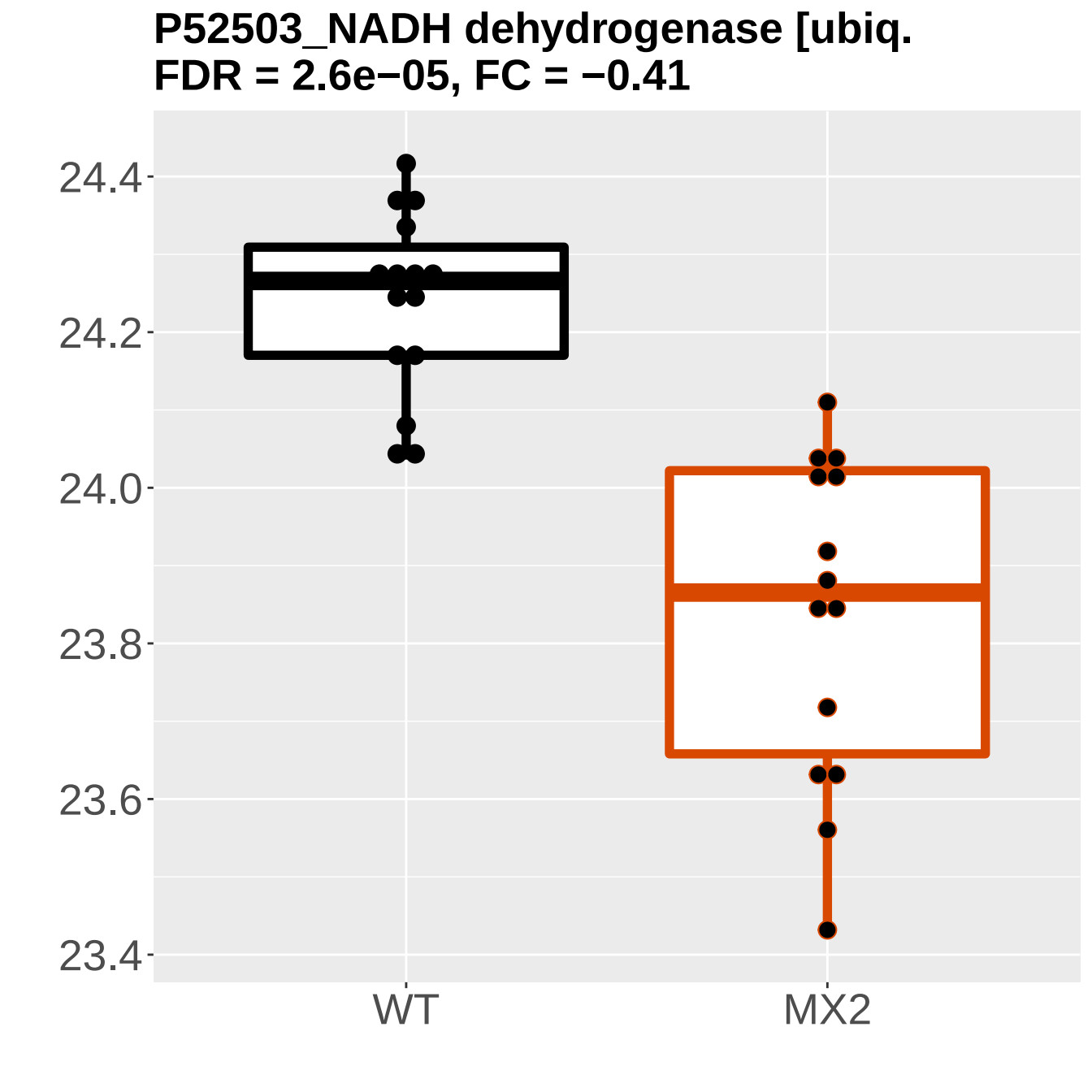

Q64462_Cytochrome P450 4B1
FDR = 1.1e−05, FC = −1.7
21
20
19
18
18.1791051232252
18.0219792886341
17.9187770716777
WT
MX2

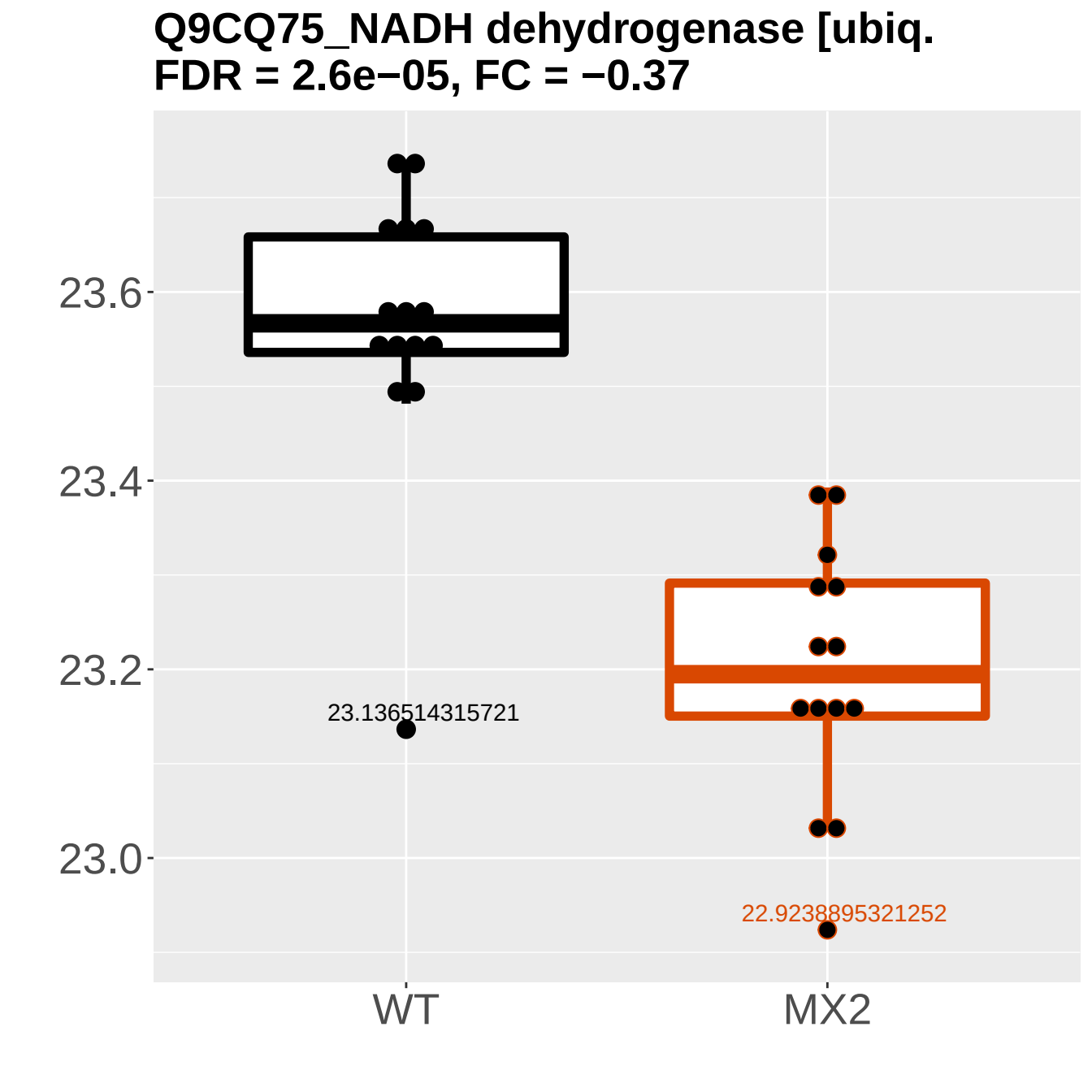

P08228_Superoxide dismutase [Cu.
FDR = 1.8e−05, FC = −0.33, sex**
30.2928855247407
30.25
30.00
29.75
29.50
WT
MX2

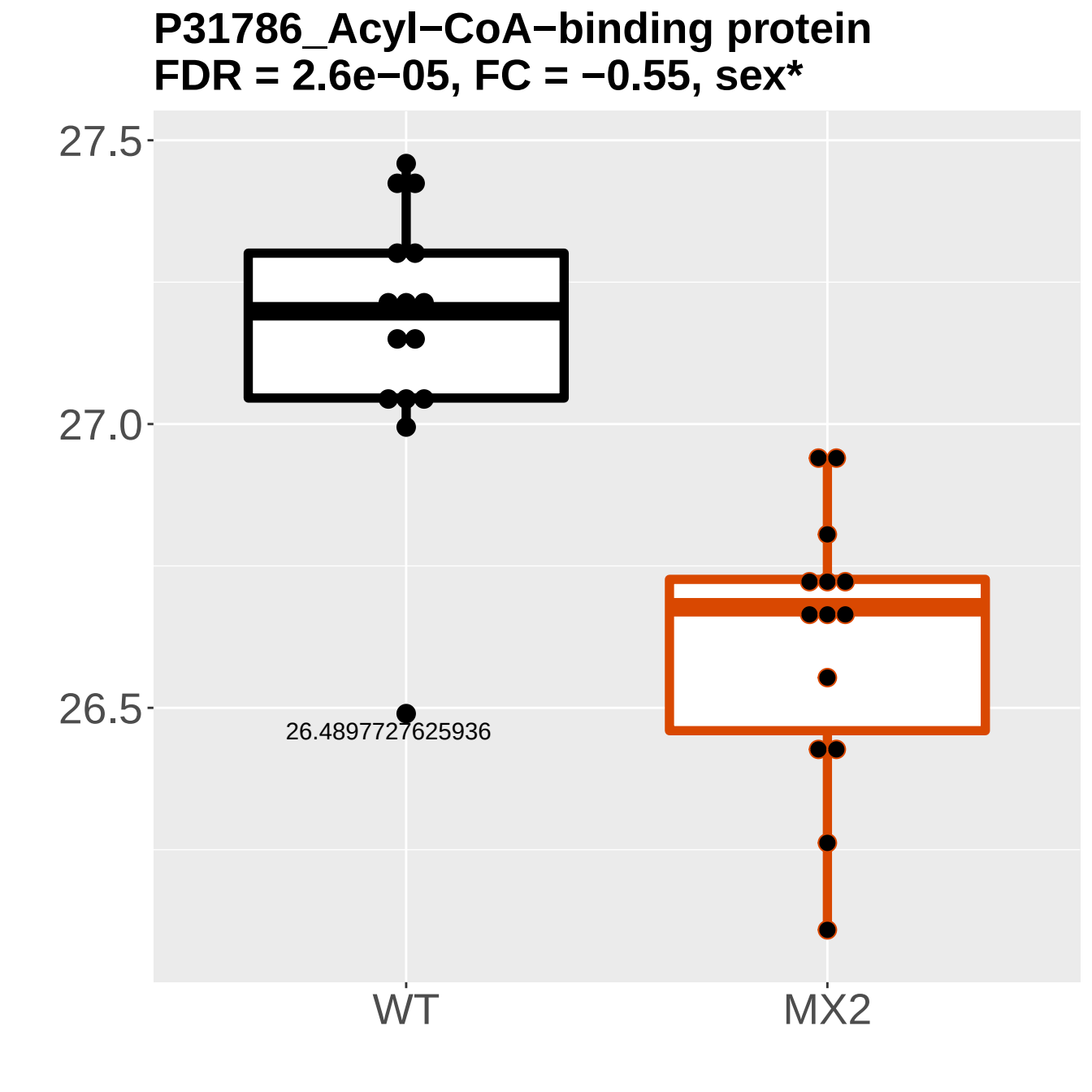

Q9CQ91_NADH dehydrogenase [ubiq.
FDR = 2.2e−05, FC = −0.63
21.5
21.0
20.5
WT
MX2

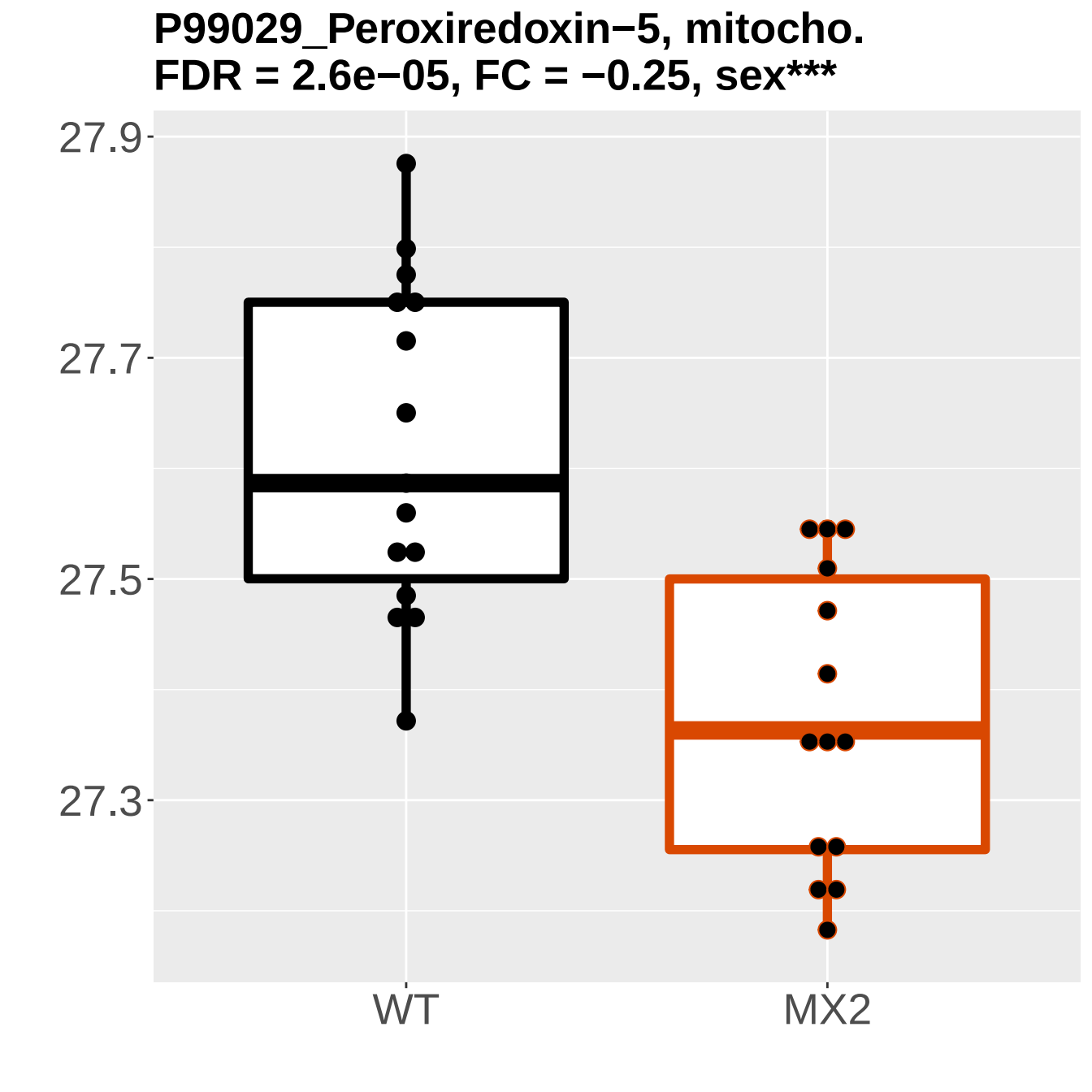

P63323_40S ribosomal protein S12
FDR = 2.2e−05, FC = −0.3
25.9
25.7
25.5
WT
MX2

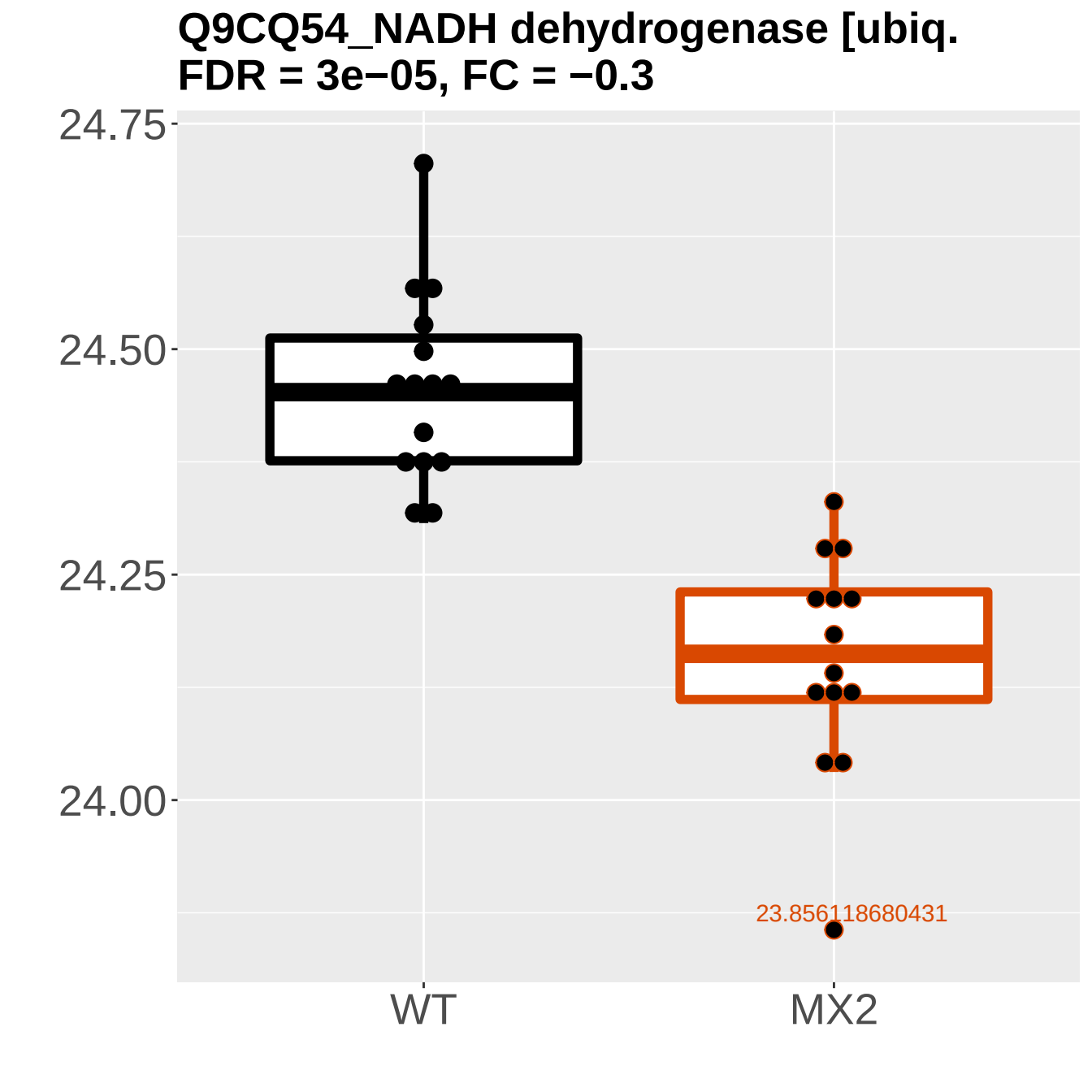

Q06185_ATP synthase subunit e, .
FDR = 2.2e−05, FC = −0.26, sex***
26.6
26.4
26.2
26.0
WT
MX2

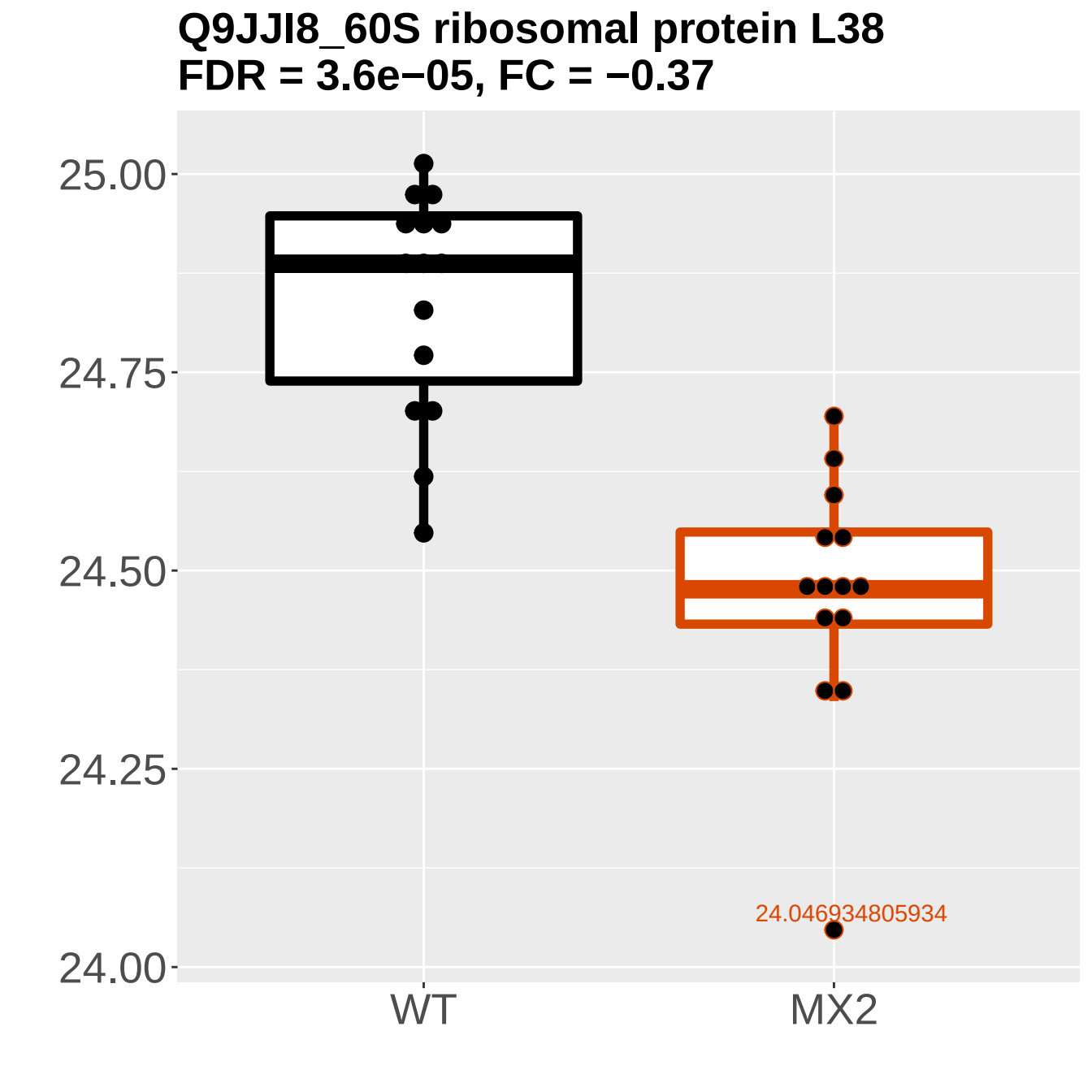

P52503_NADH dehydrogenase [ubiq.
FDR = 2.6e−05, FC = −0.41
24.4
24.2
24.0
23.8
23.6
23.4
WT
MX2

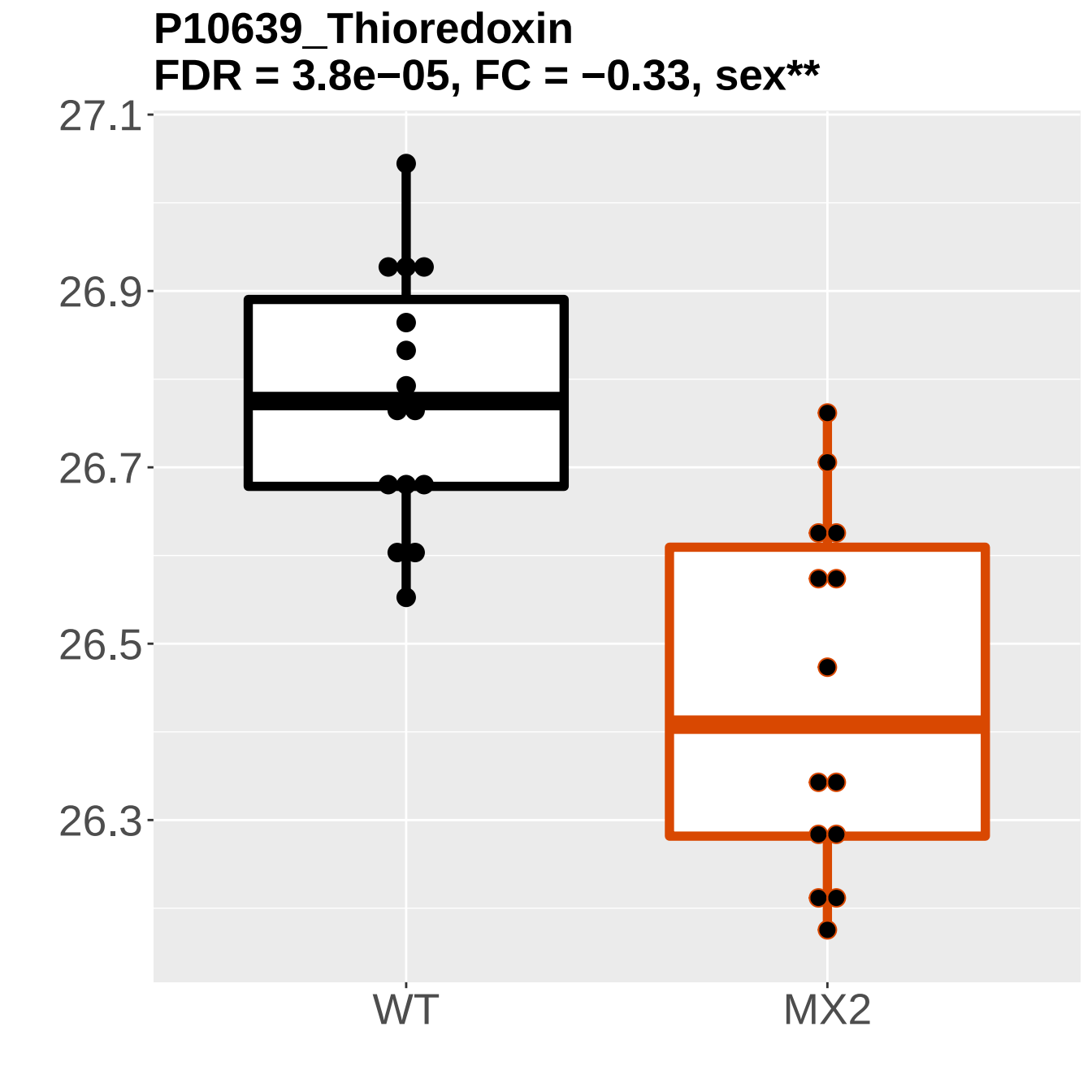

Q9CQ75_NADH dehydrogenase [ubiq.
FDR = 2.6e−05, FC = −0.37
23.6
23.4
23.2
23.0
23.136514315721
22.9238895321252
WT
MX2

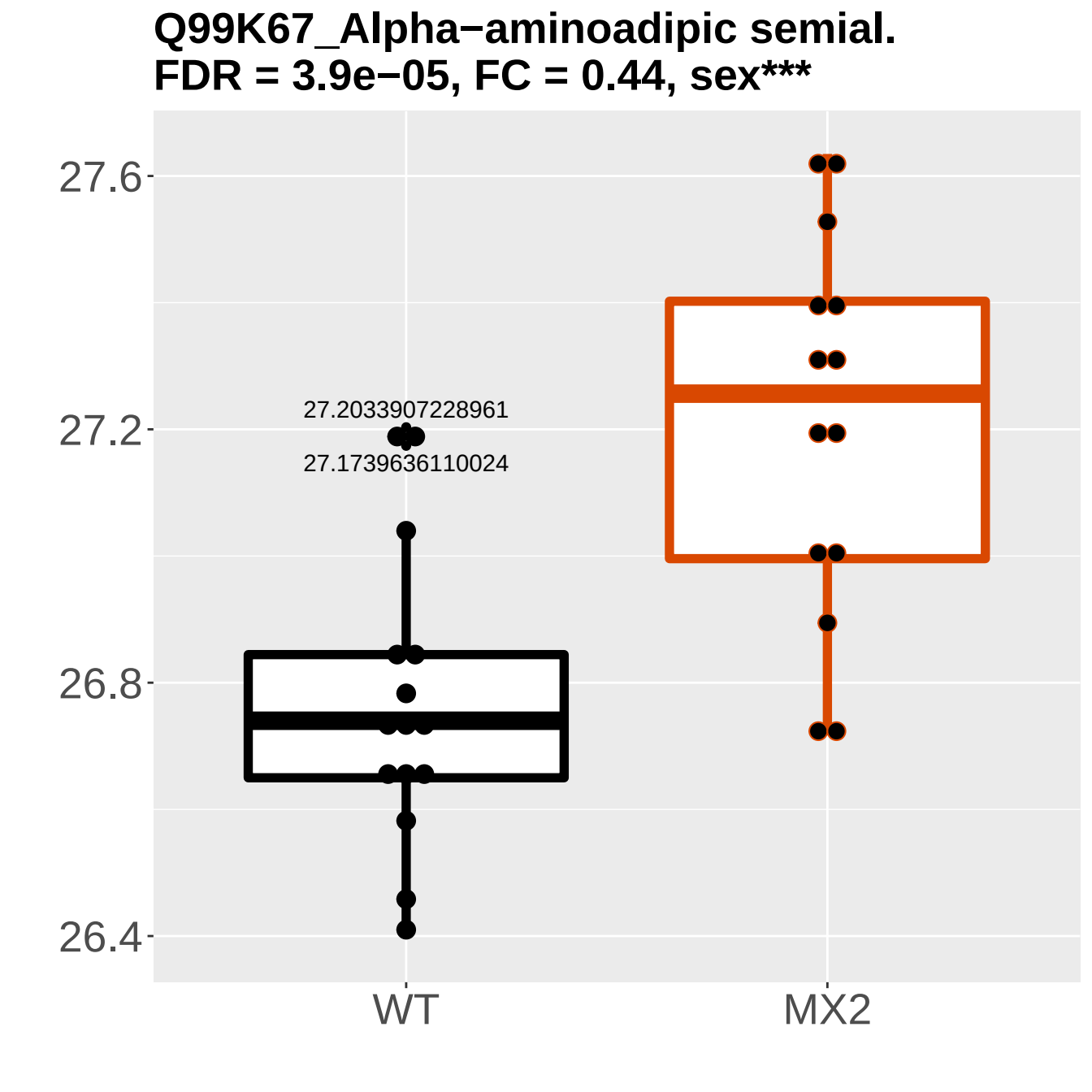

P31786_Acyl−CoA−binding protein
FDR = 2.6e−05, FC = −0.55, sex*
27.5
27.0
26.5
26.4897727625936
WT
MX2

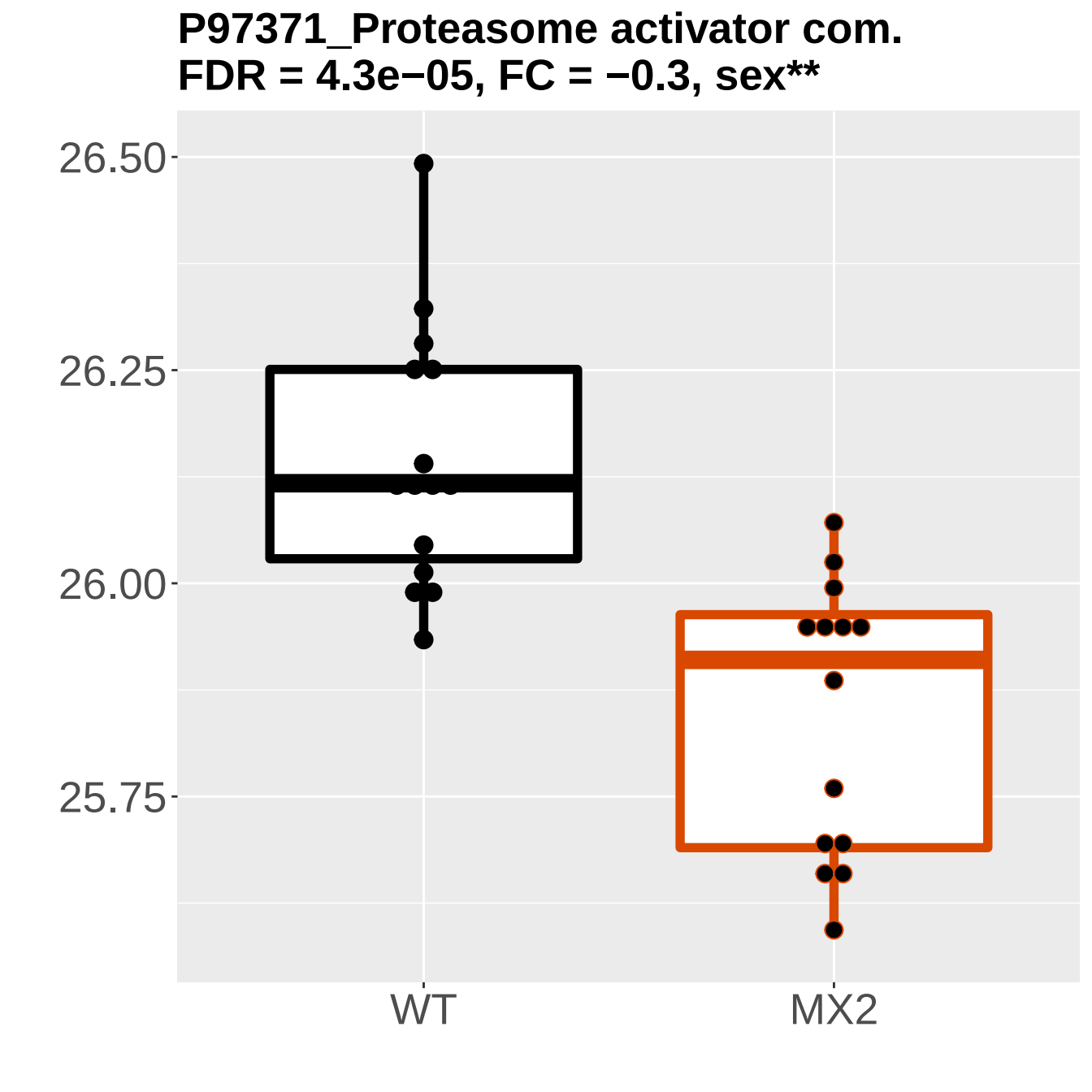

P99029_Peroxiredoxin−5, mitocho.
FDR = 2.6e−05, FC = −0.25, sex***
27.9
27.7
27.5
27.3
WT
MX2

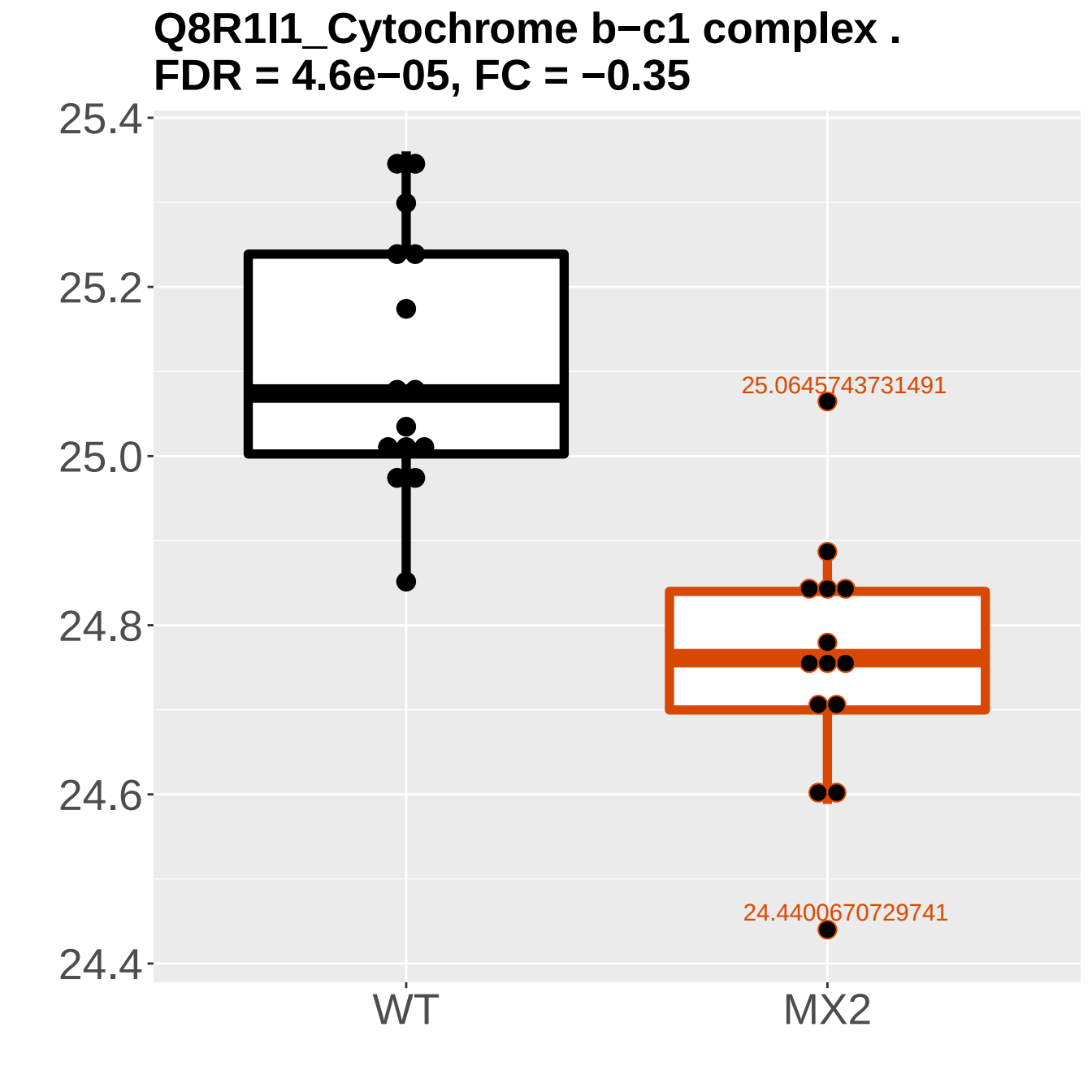

Q9CQ54_NADH dehydrogenase [ubiq.
FDR = 3e−05, FC = −0.3
24.75
24.50
24.25
24.00
23.856118680431
WT
MX2

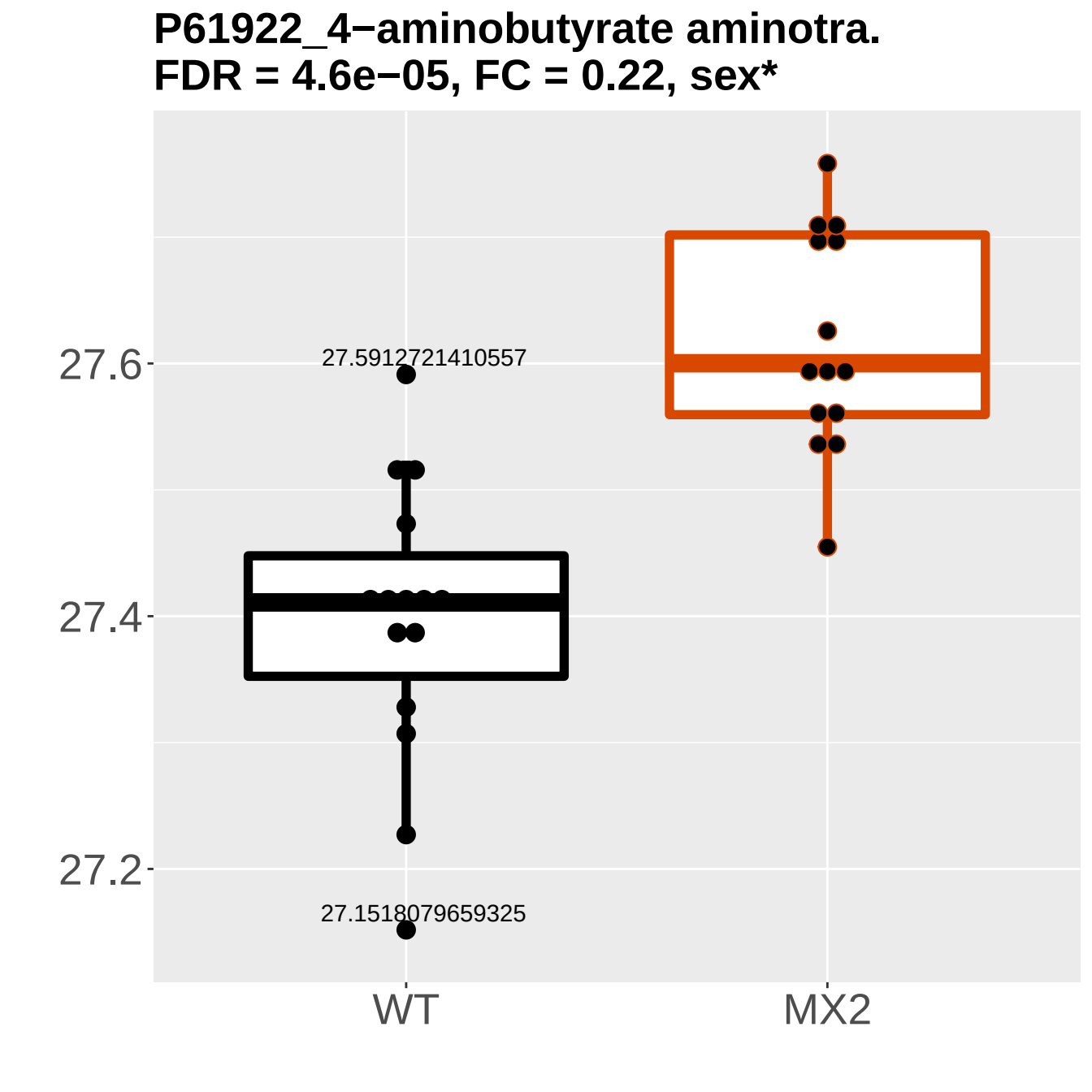

Q9JJI8_60S ribosomal protein L38
FDR = 3.6e−05, FC = −0.37
25.00
24.75
24.50
24.25
24.00
24.046934805934
WT
MX2

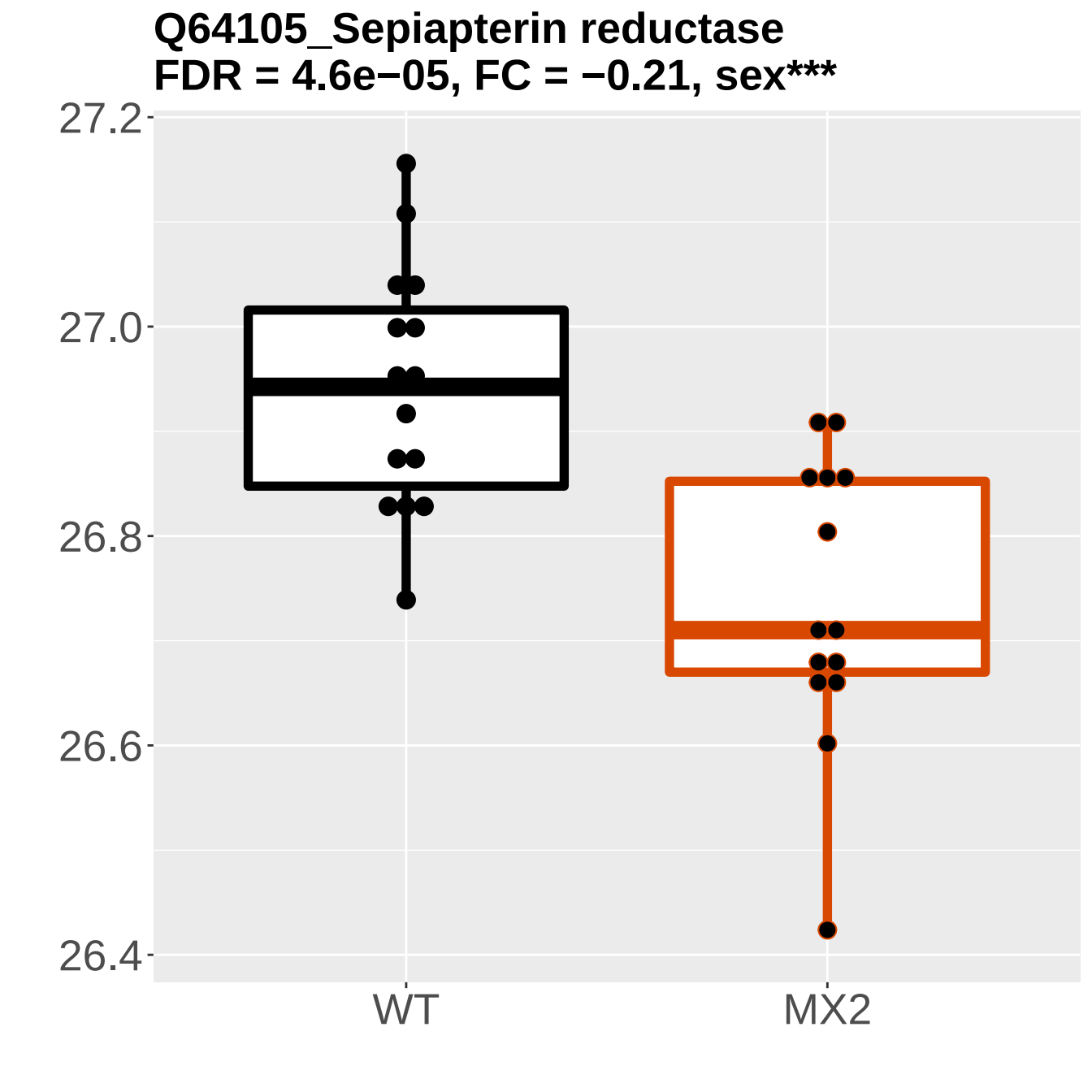

P10639_Thioredoxin
FDR = 3.8e−05, FC = −0.33, sex**
27.1
26.9
26.7
26.5
26.3
WT
MX2

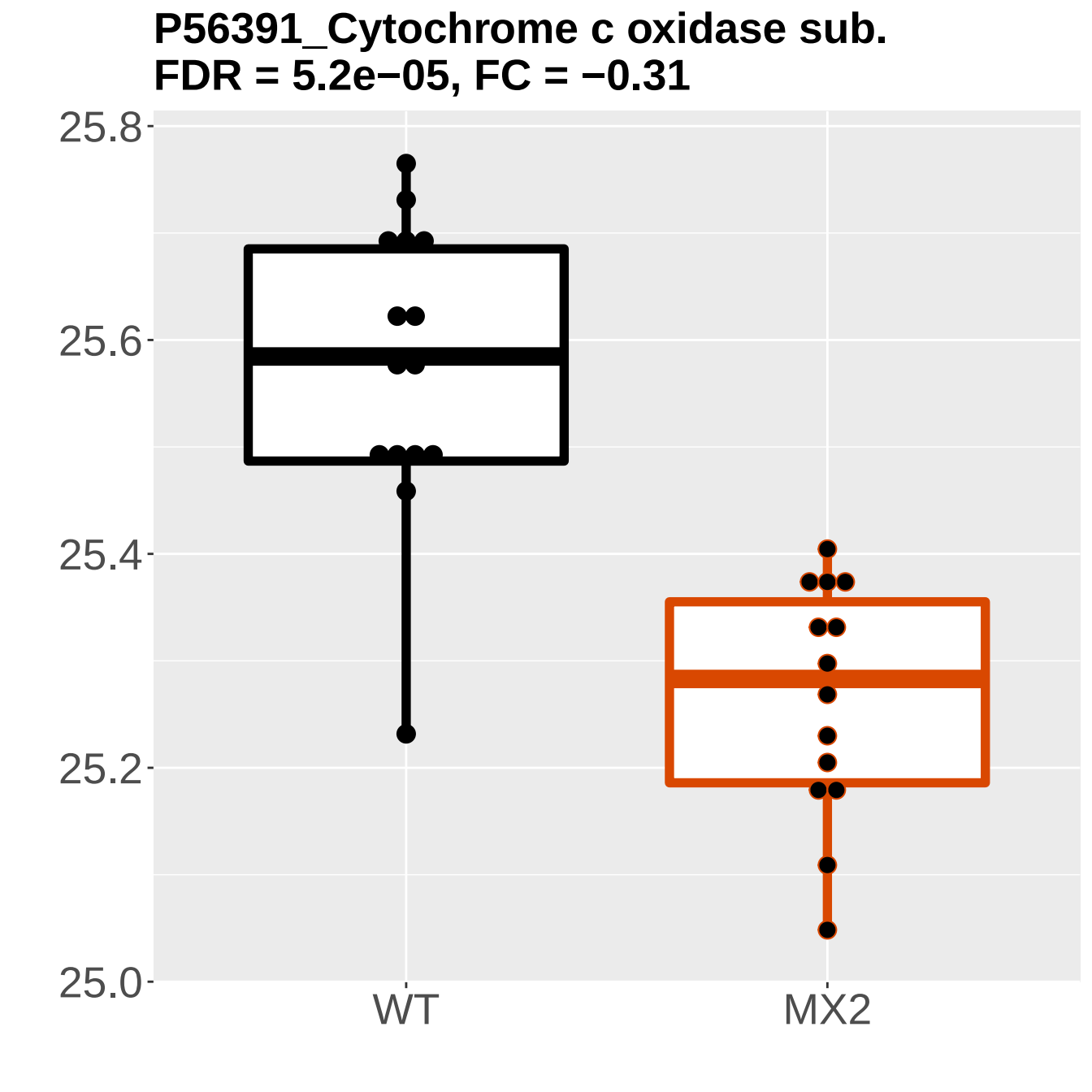

Q99K67_Alpha−aminoadipic semial.
FDR = 3.9e−05, FC = 0.44, sex***
27.6
27.2
26.8
26.4
27.2033907228961
27.1739636110024
WT
MX2

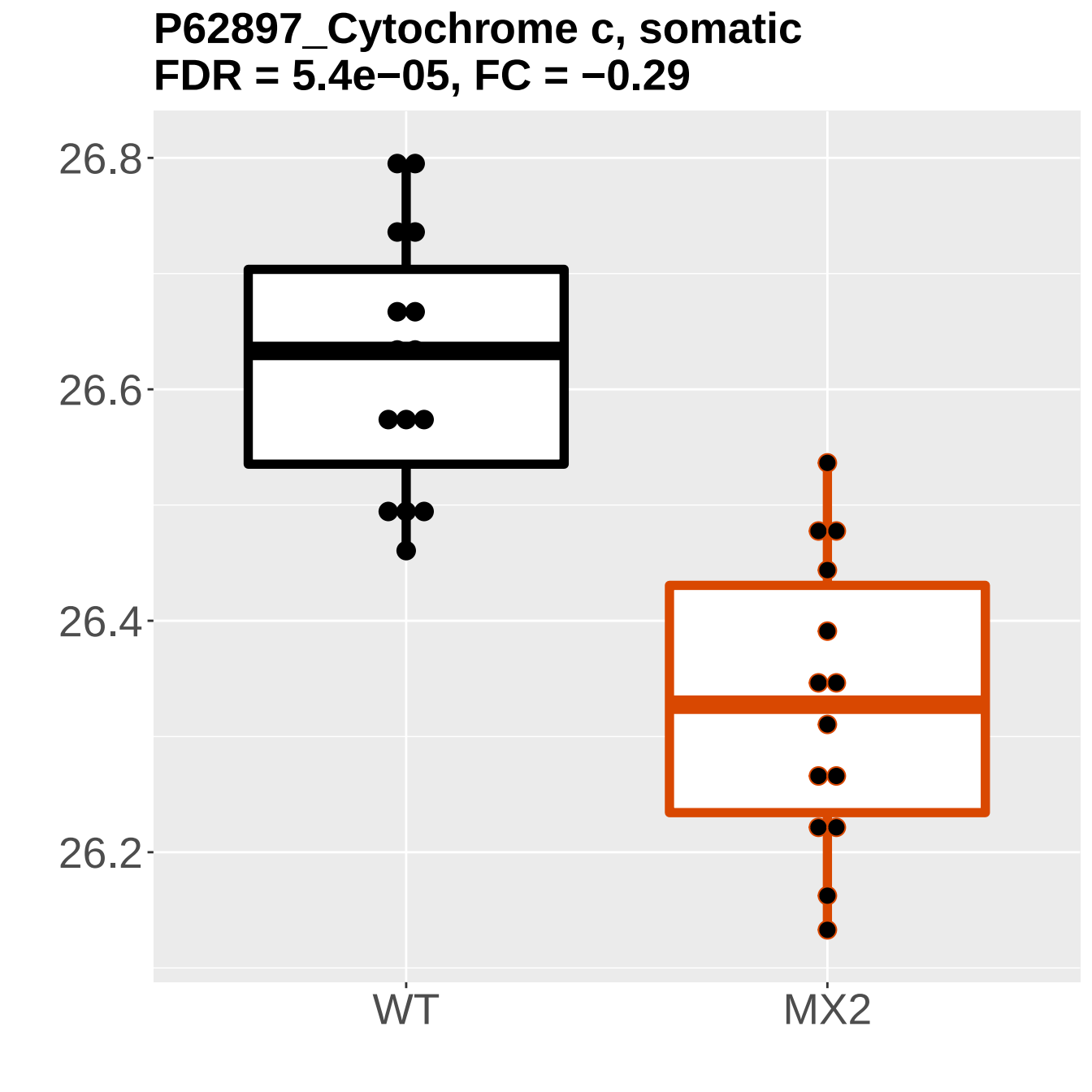

P97371_Proteasome activator com.
FDR = 4.3e−05, FC = −0.3, sex**
26.50
26.25
26.00
25.75
WT
MX2

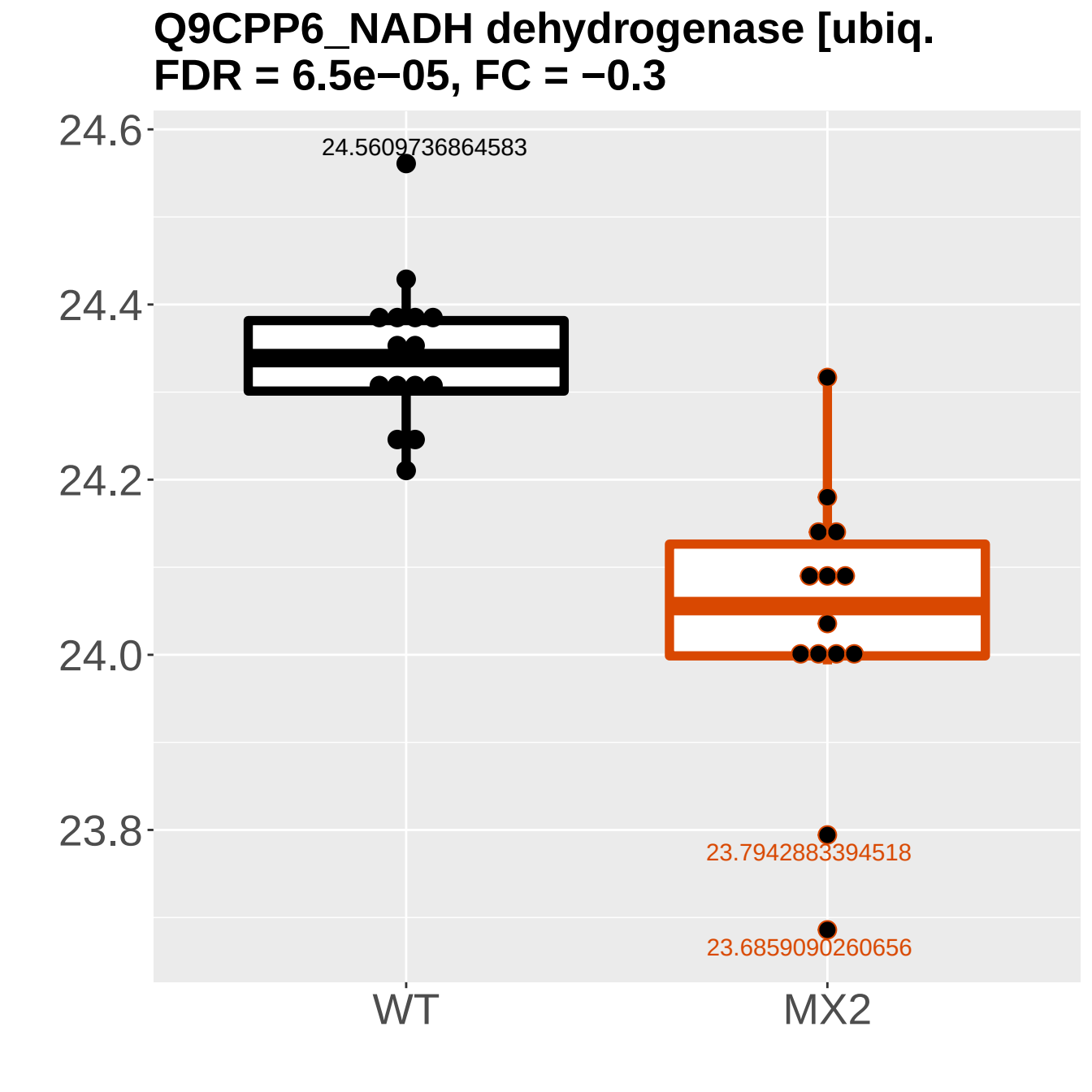

Q8R1I1_Cytochrome b−c1 complex .
FDR = 4.6e−05, FC = −0.35
25.4
25.2
25.0
24.8
24.6
24.4
25.0645743731491
24.4400670729741
WT
MX2

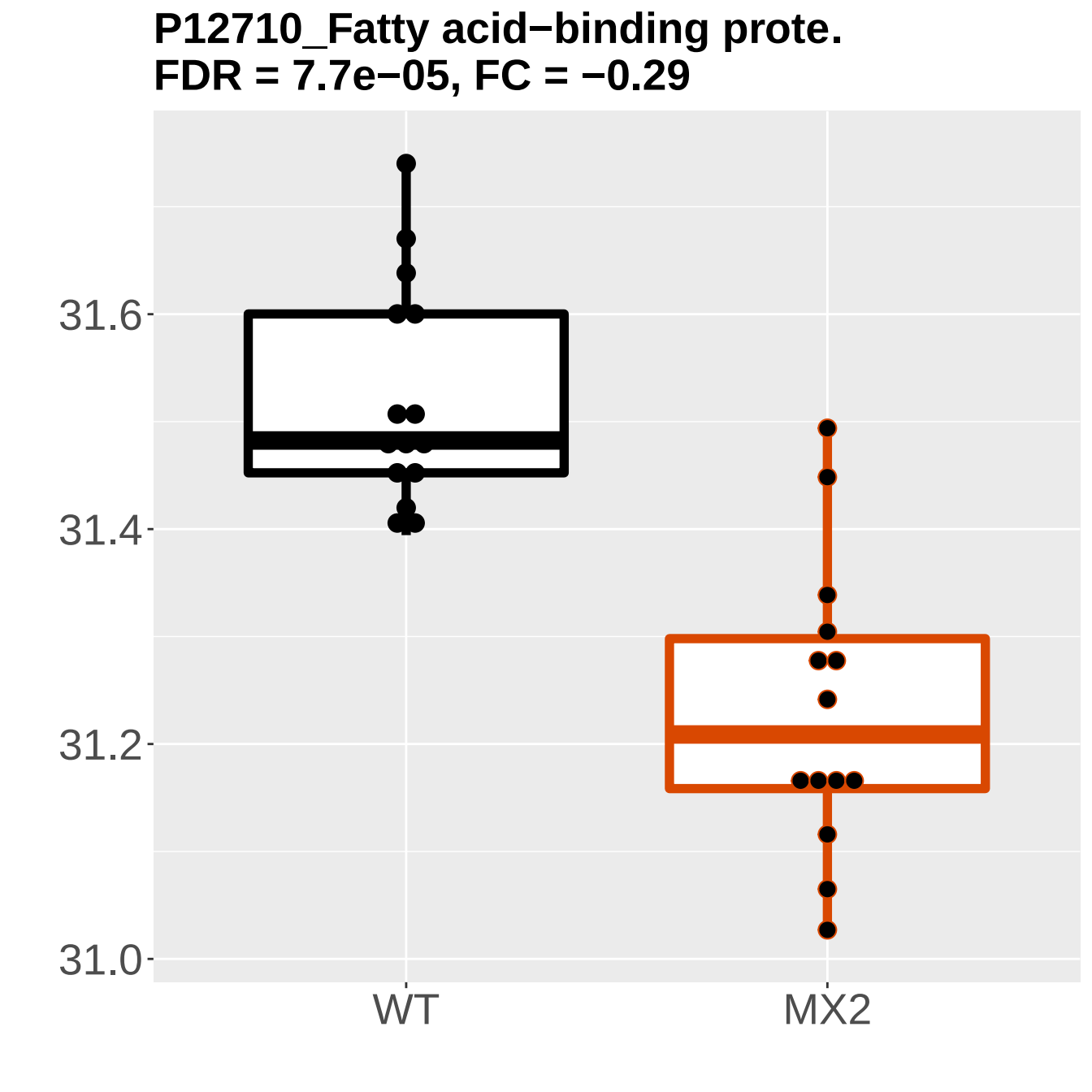

P61922_4−aminobutyrate aminotra.
FDR = 4.6e−05, FC = 0.22, sex*
27.6
27.4
27.2
27.5912721410557
27.1518079659325
WT
MX2

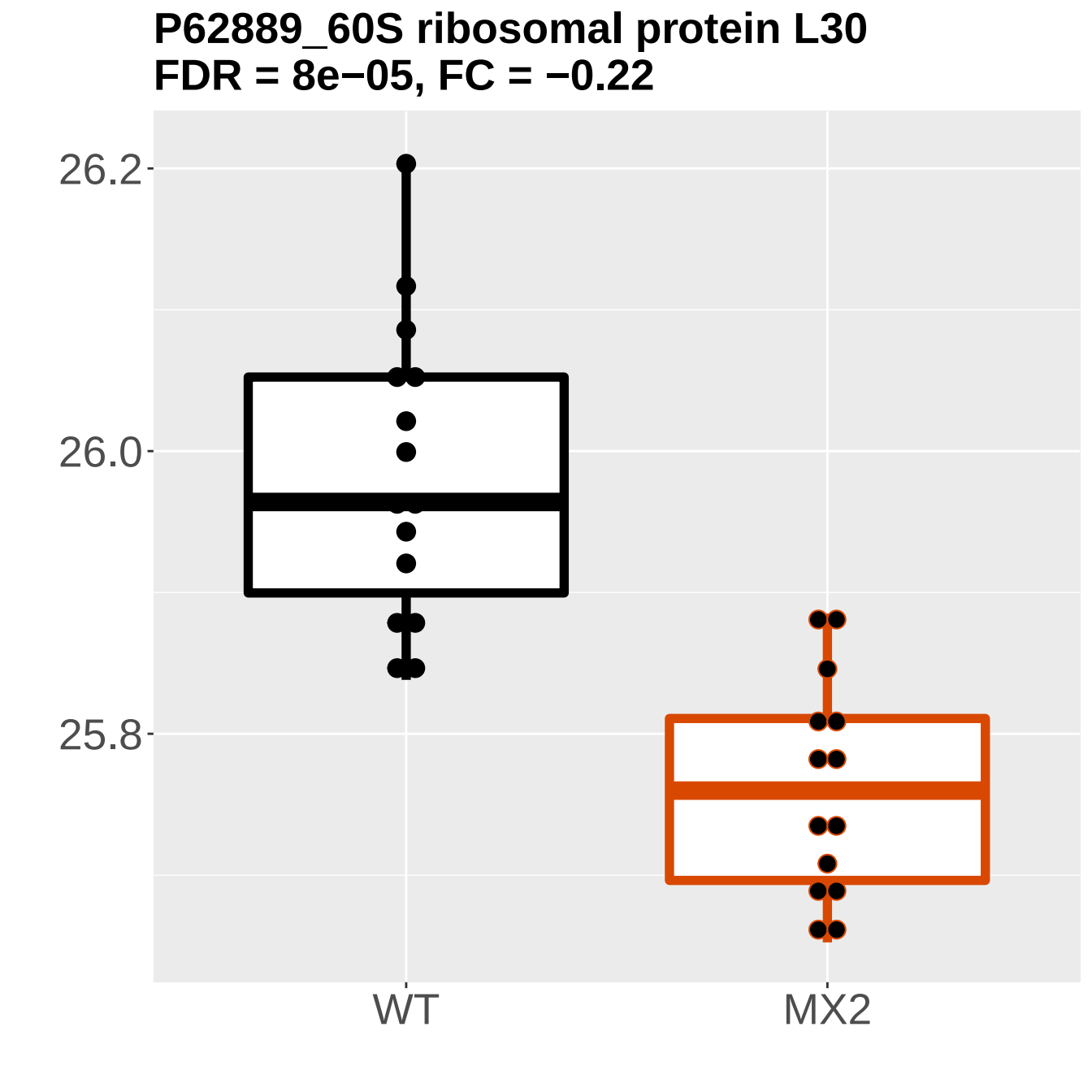

Q64105_Sepiapterin reductase
FDR = 4.6e−05, FC = −0.21, sex***
27.2
27.0
26.8
26.6
26.4
WT
MX2

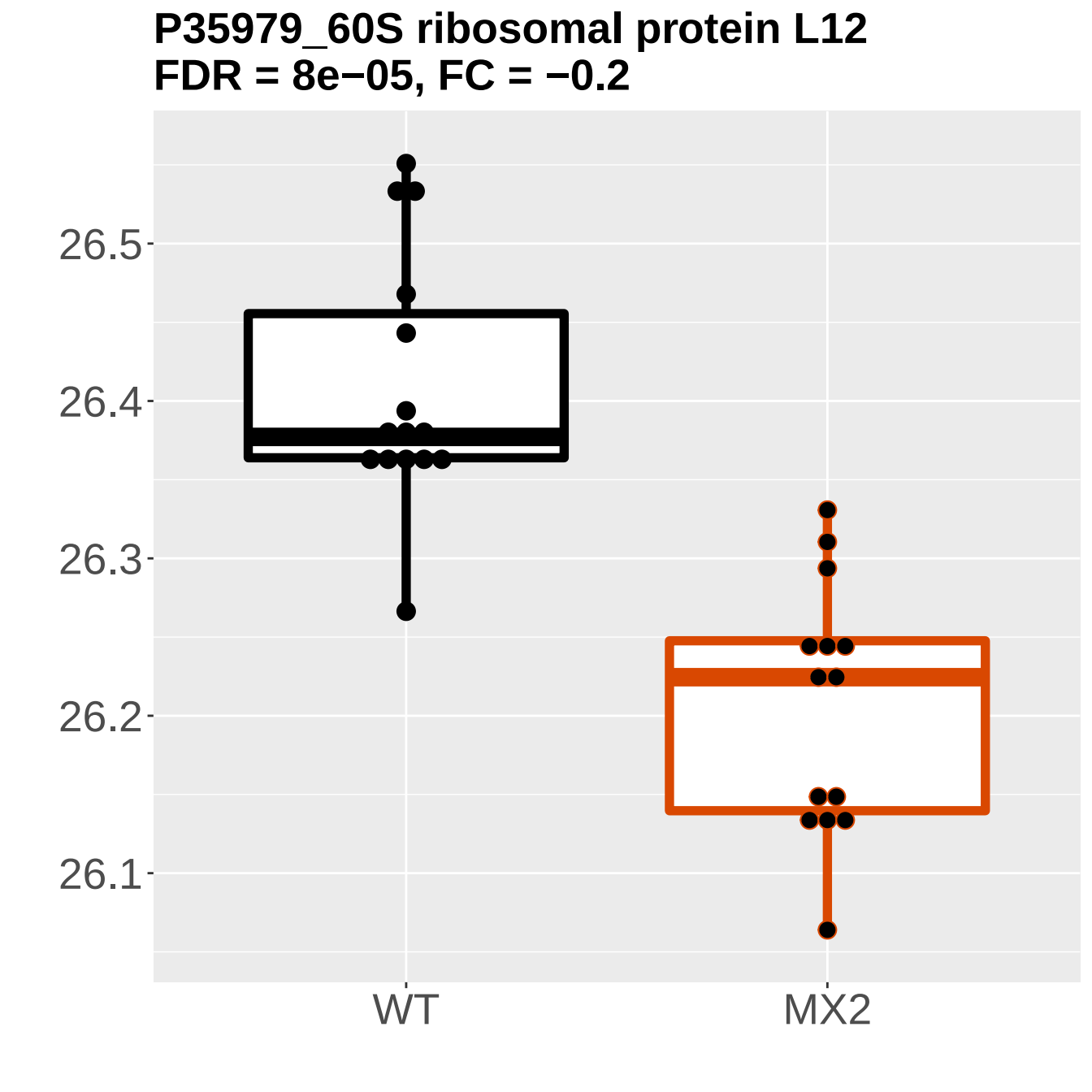

P56391_Cytochrome c oxidase sub.
FDR = 5.2e−05, FC = −0.31
25.8
25.6
25.4
25.2
25.0
WT
MX2

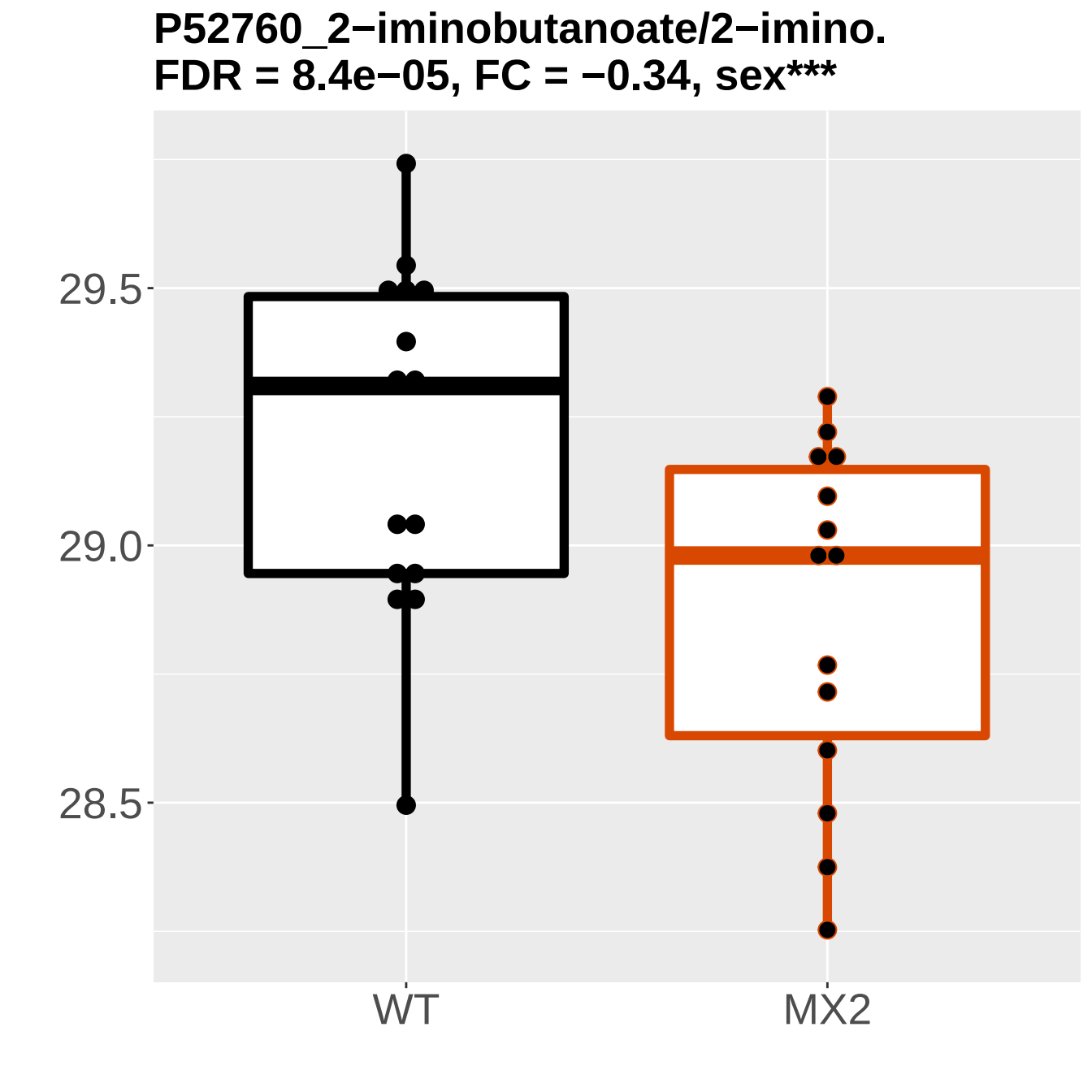

P62897_Cytochrome c, somatic
FDR = 5.4e−05, FC = −0.29
26.8
26.6
26.4
26.2
WT
MX2

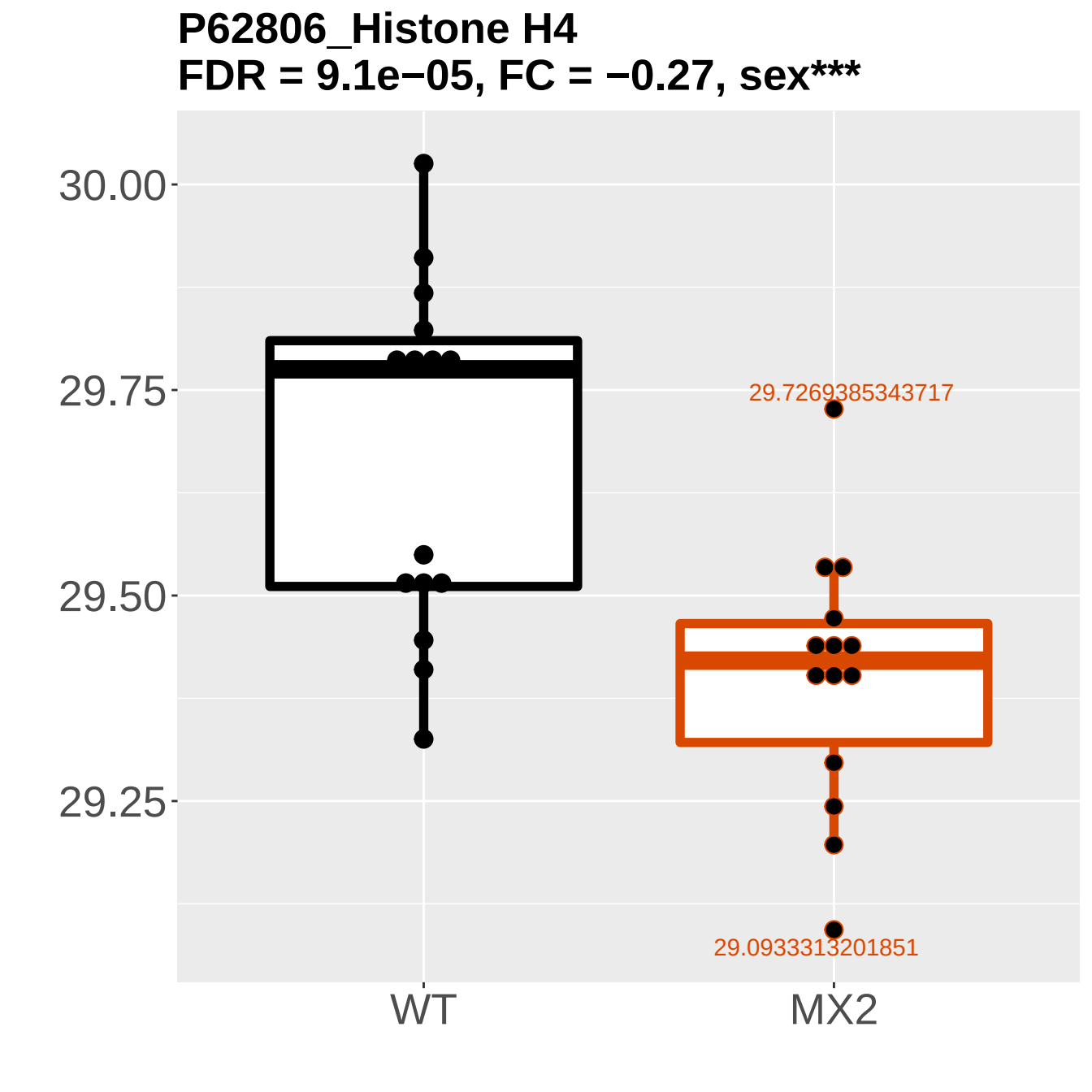

Q9CPP6_NADH dehydrogenase [ubiq.
FDR = 6.5e−05, FC = −0.3
24.6
24.4
24.2
24.0
23.8
24.5609736864583
23.7942883394518
23.6859090260656
WT
MX2

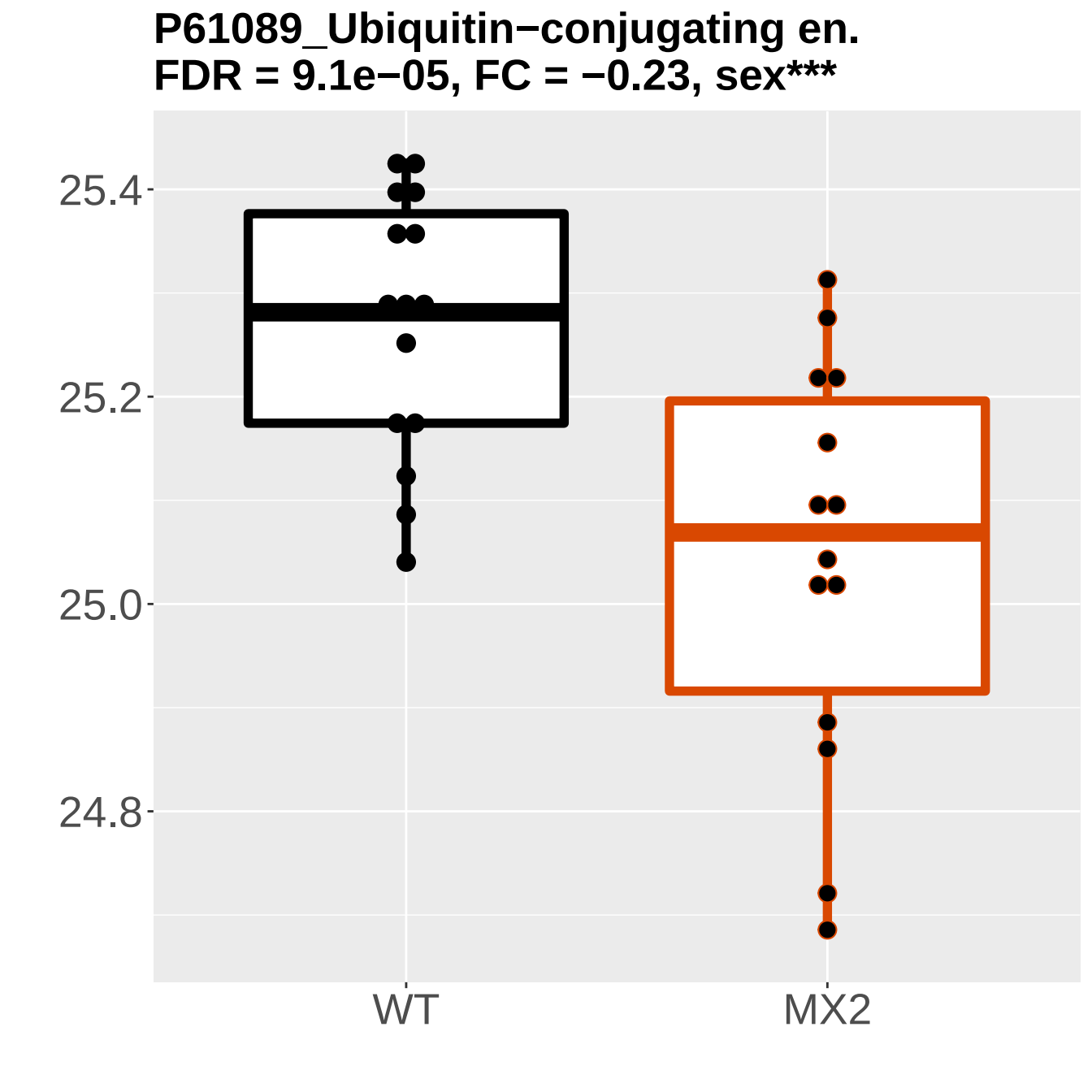

P12710_Fatty acid−binding prote.
FDR = 7.7e−05, FC = −0.29
31.6
31.4
31.2
31.0
WT
MX2

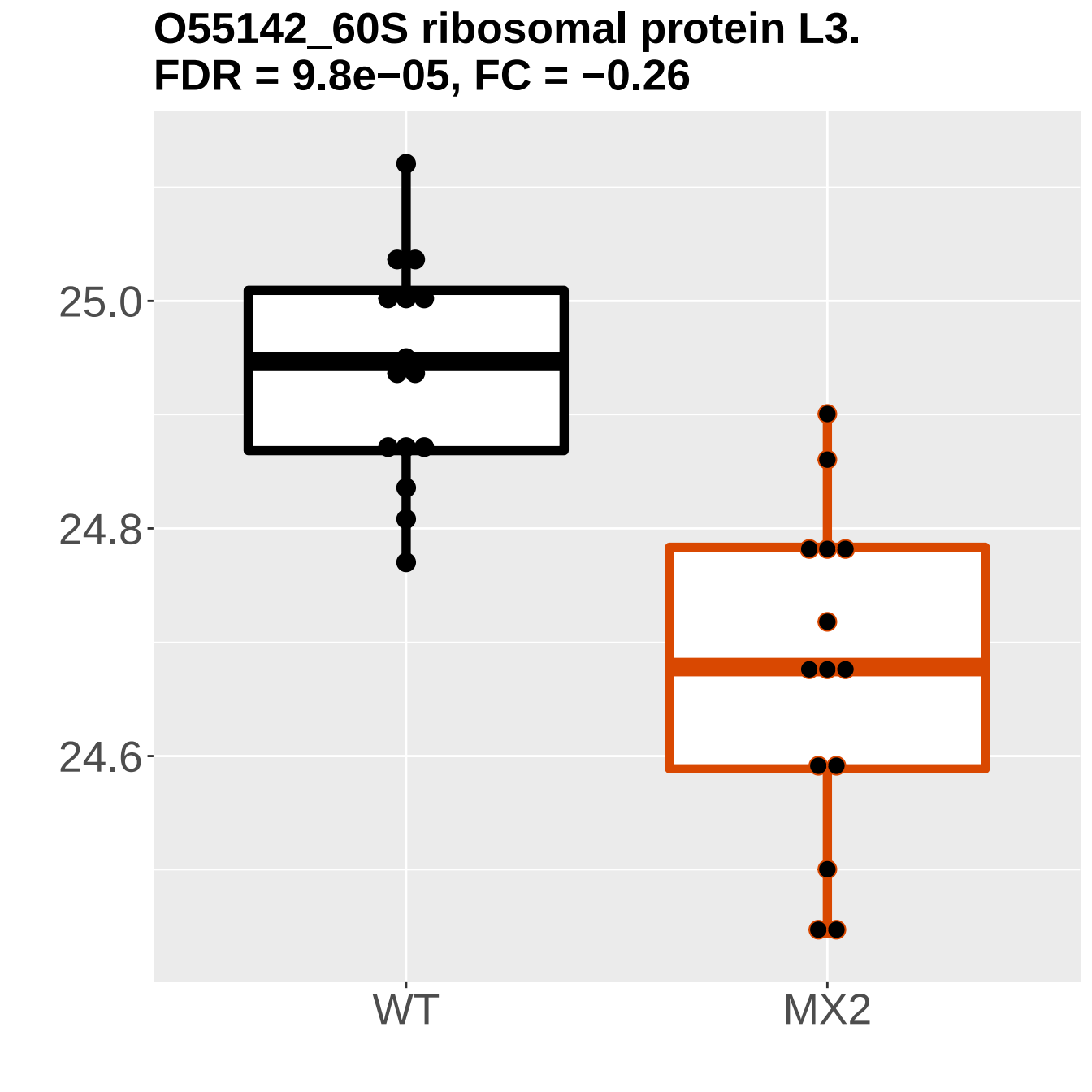

P62889_60S ribosomal protein L30
FDR = 8e−05, FC = −0.22
26.2
26.0
25.8
WT
MX2

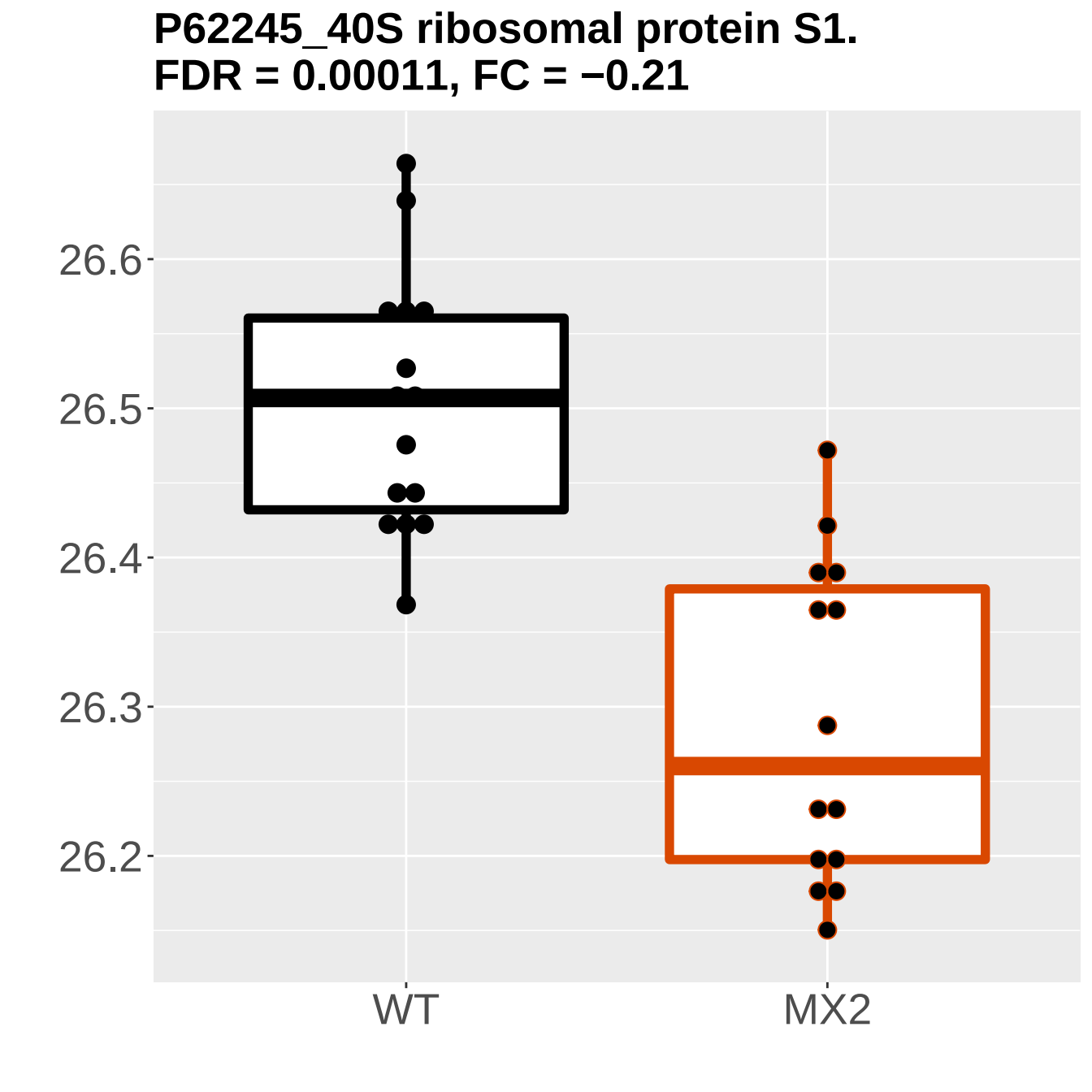

P35979_60S ribosomal protein L12
FDR = 8e−05, FC = −0.2
26.5
26.4
26.3
26.2
26.1
WT
MX2

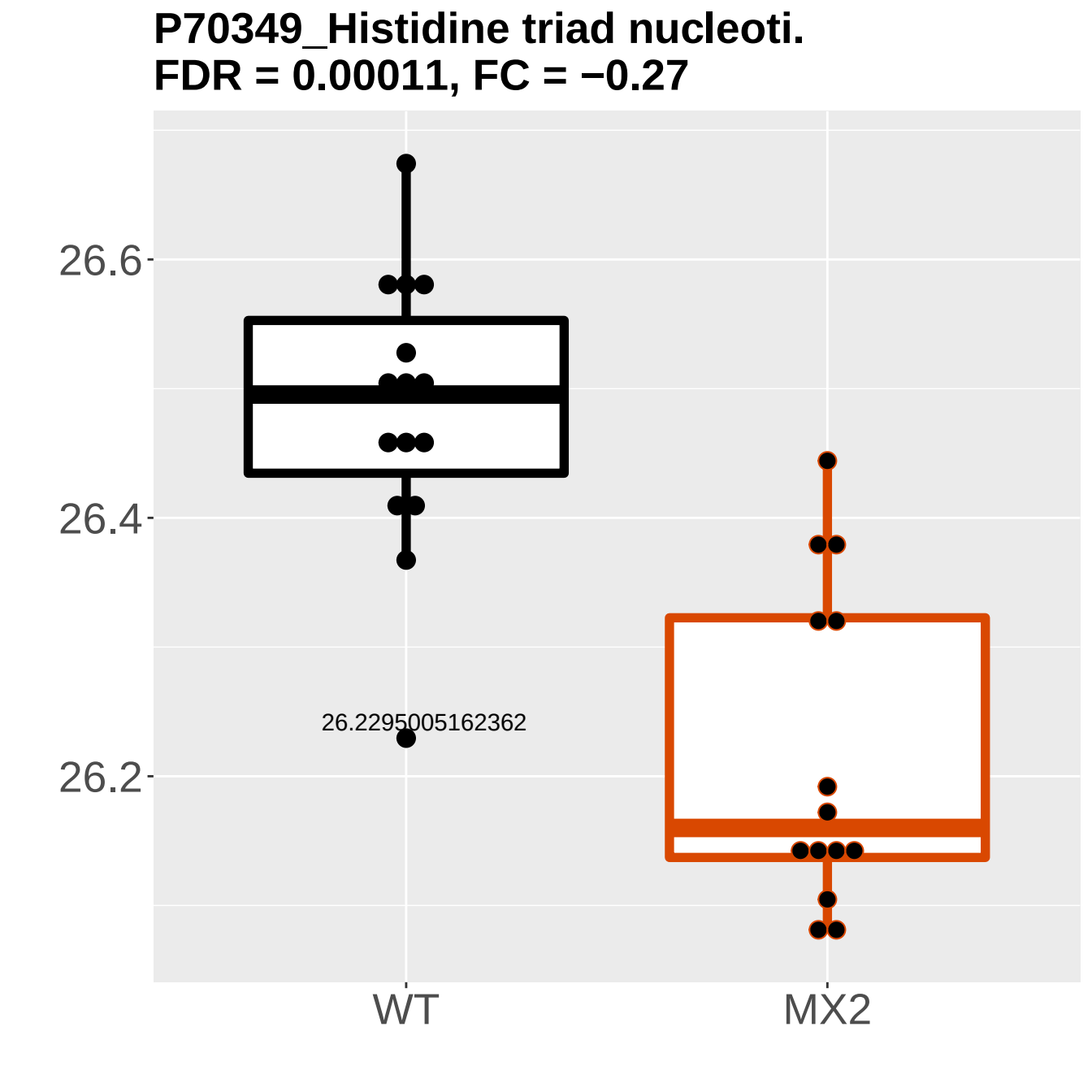

P52760_2−iminobutanoate/2−imino.
FDR = 8.4e−05, FC = −0.34, sex***
29.5
29.0
28.5
WT
MX2

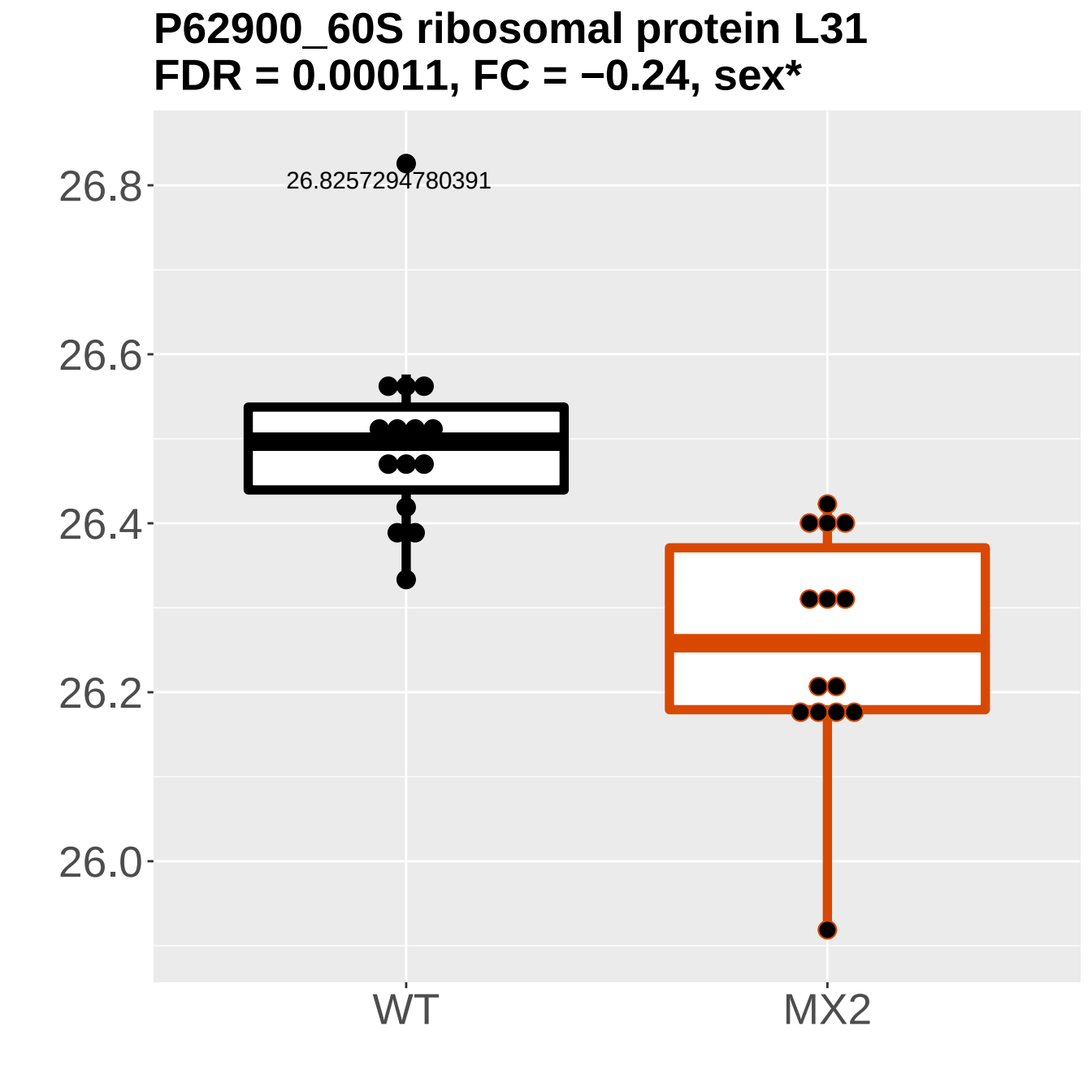

P62806_Histone H4
FDR = 9.1e−05, FC = −0.27, sex***
30.00
29.75
29.50
29.25
29.7269385343717
29.0933313201851
WT
MX2

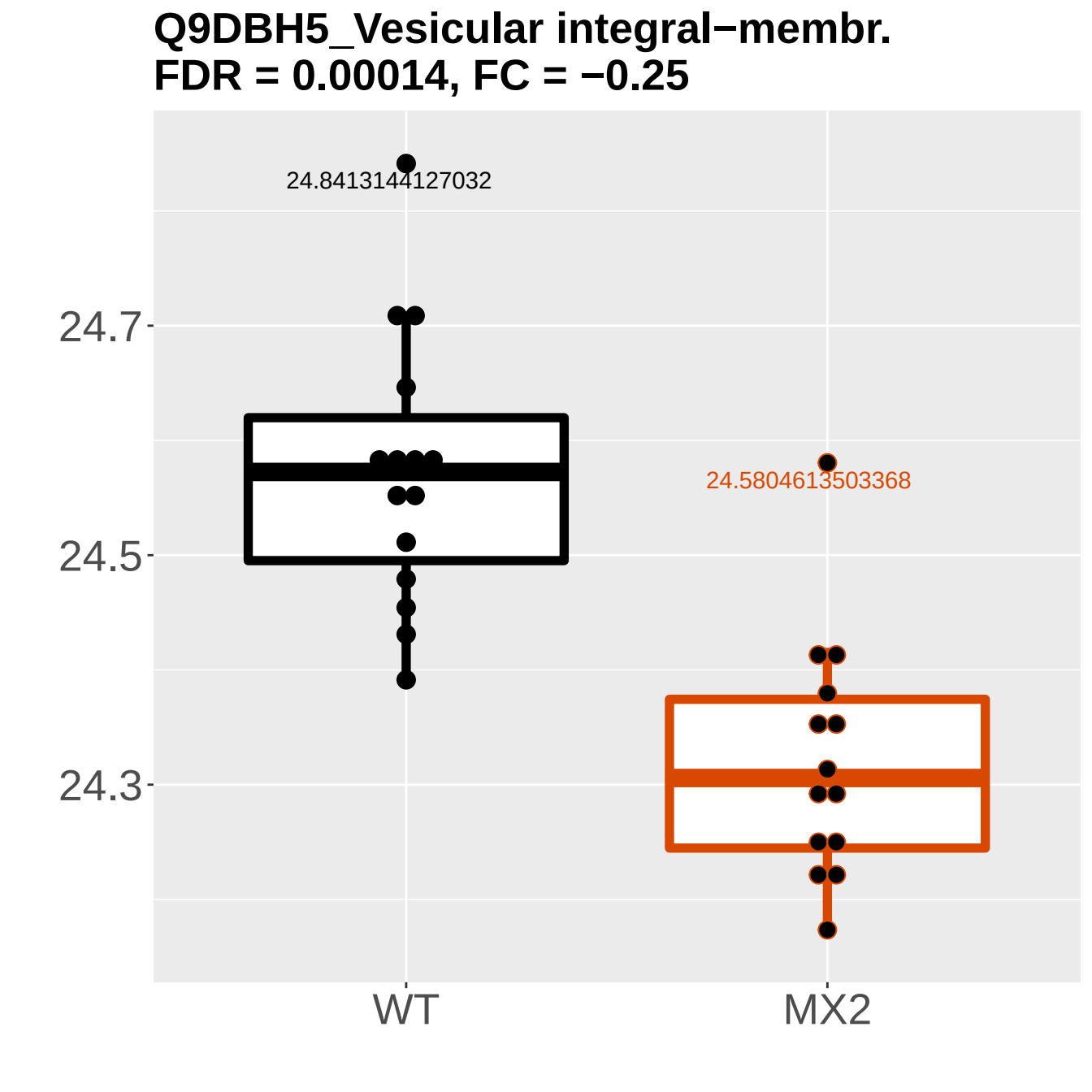

P61089_Ubiquitin−conjugating en.
FDR = 9.1e−05, FC = −0.23, sex***
25.4
25.2
25.0
24.8
WT
MX2

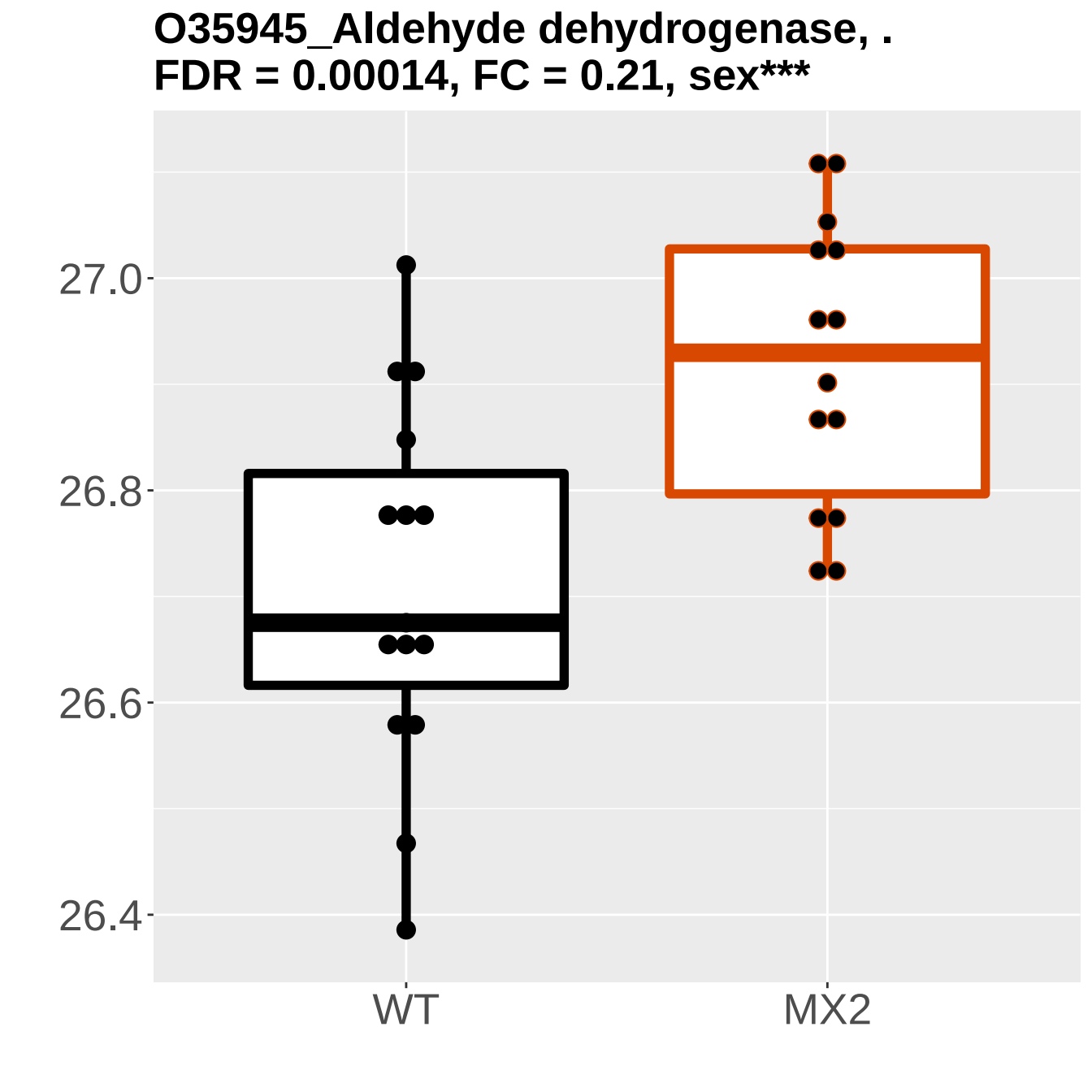

O55142_60S ribosomal protein L3.
FDR = 9.8e−05, FC = −0.26
25.0
24.8
24.6
WT
MX2

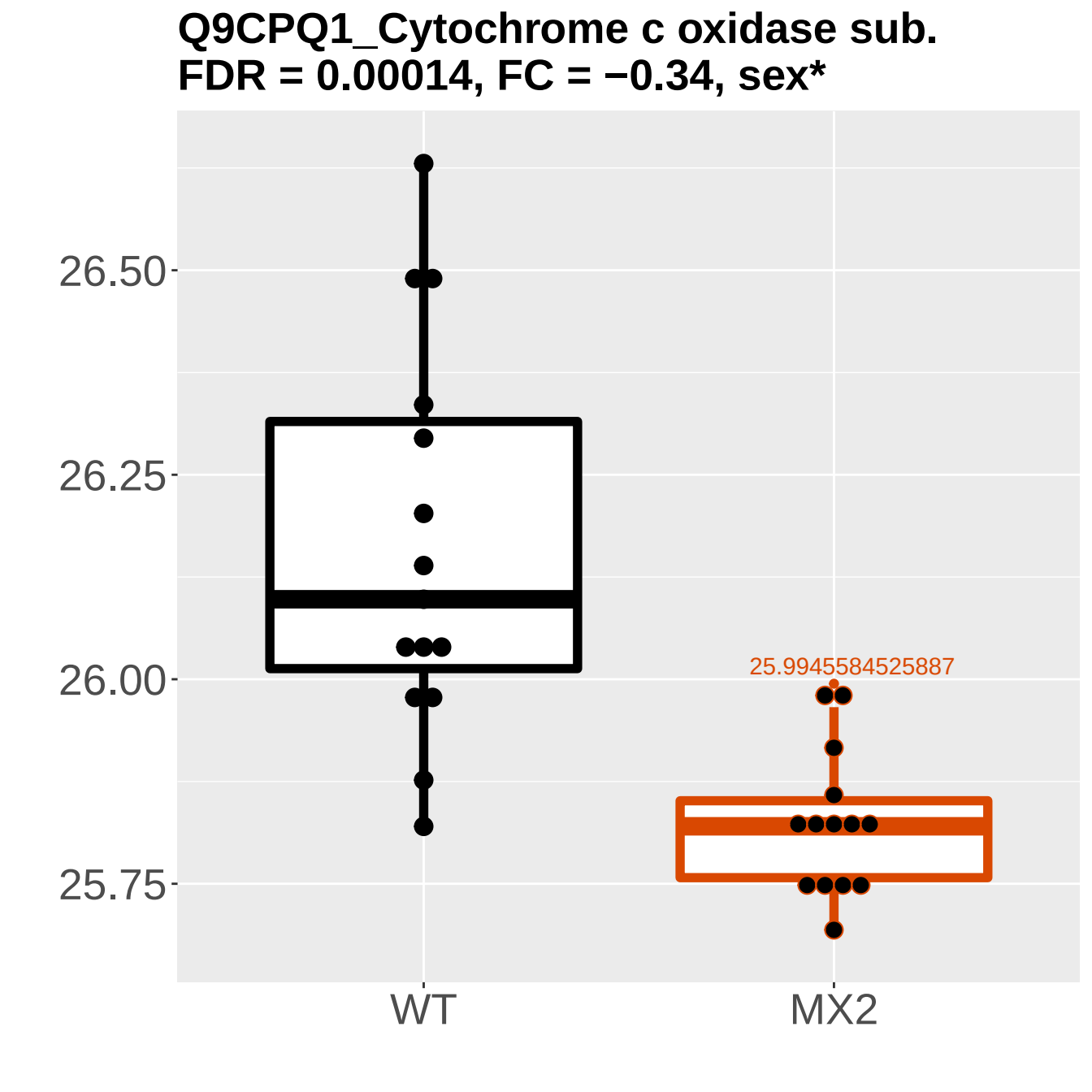

P62245_40S ribosomal protein S1.
FDR = 0.00011, FC = −0.21
26.6
26.5
26.4
26.3
26.2
WT
MX2

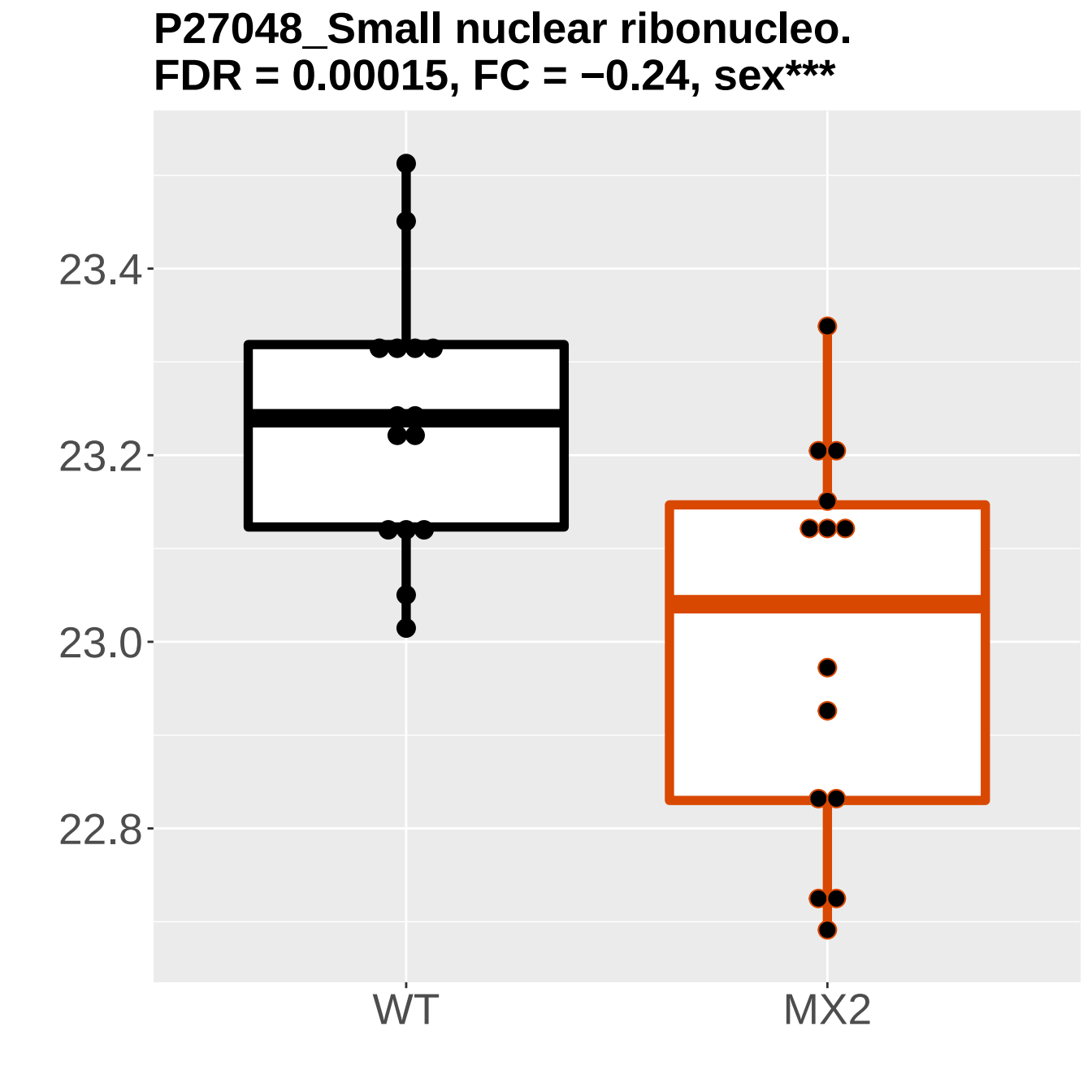

P70349_Histidine triad nucleoti.
FDR = 0.00011, FC = −0.27
26.6
26.4
26.2
26.2295005162362
WT
MX2

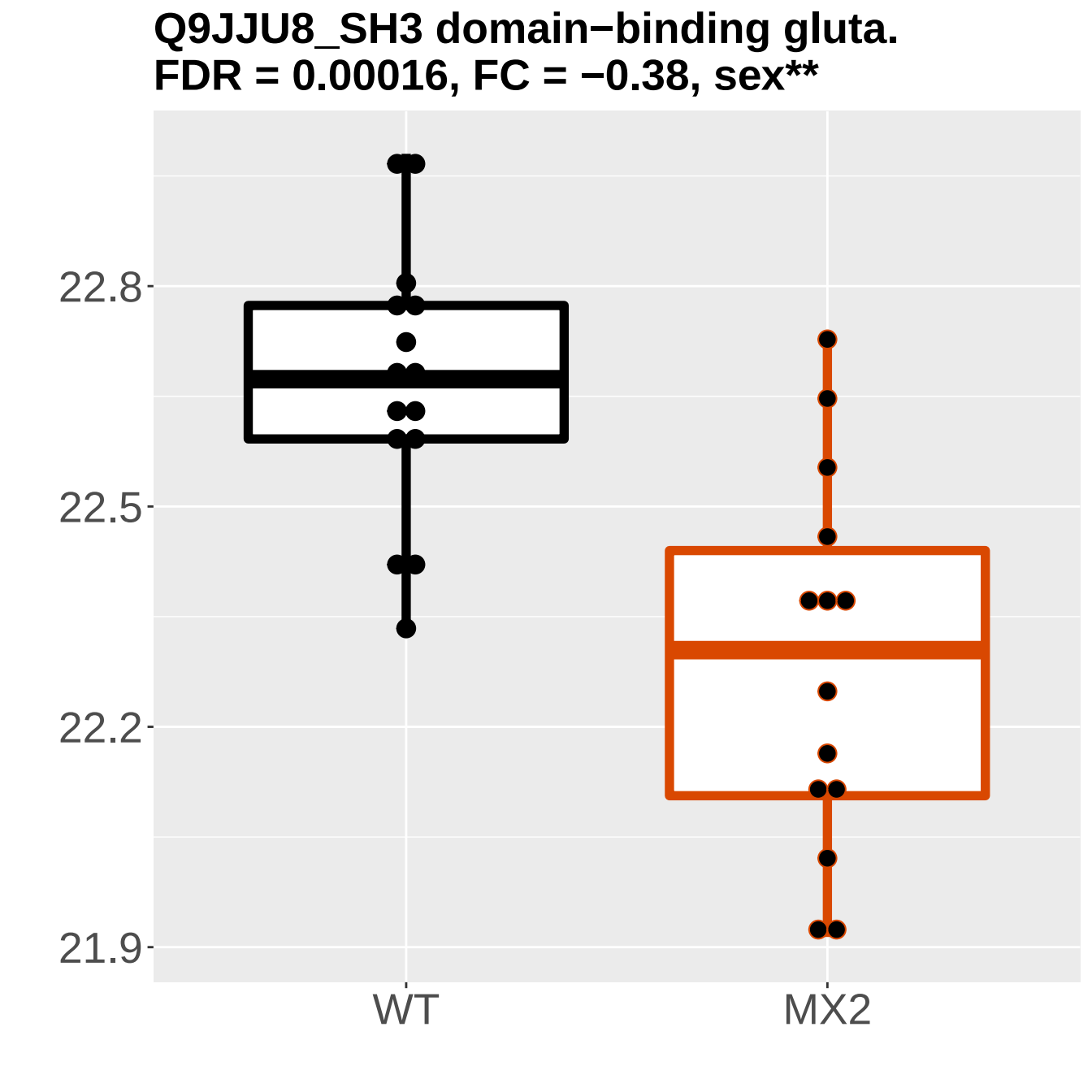

P62900_60S ribosomal protein L31
FDR = 0.00011, FC = −0.24, sex*
26.8257294780391
26.8
26.6
26.4
26.2
26.0
WT
MX2

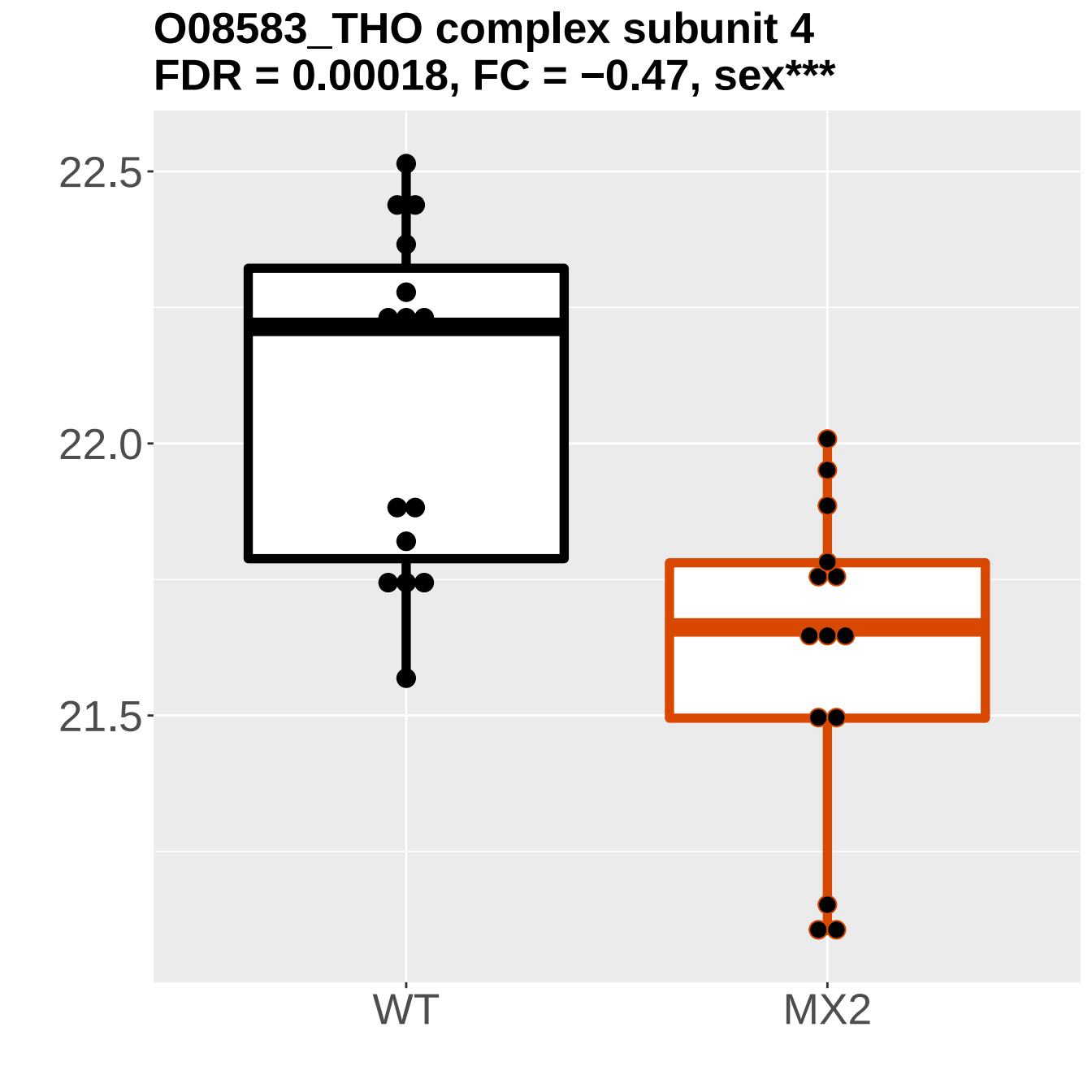

Q9DBH5_Vesicular integral−membr.
FDR = 0.00014, FC = −0.25
24.8413144127032
24.5804613503368
24.7
24.5
24.3
WT
MX2

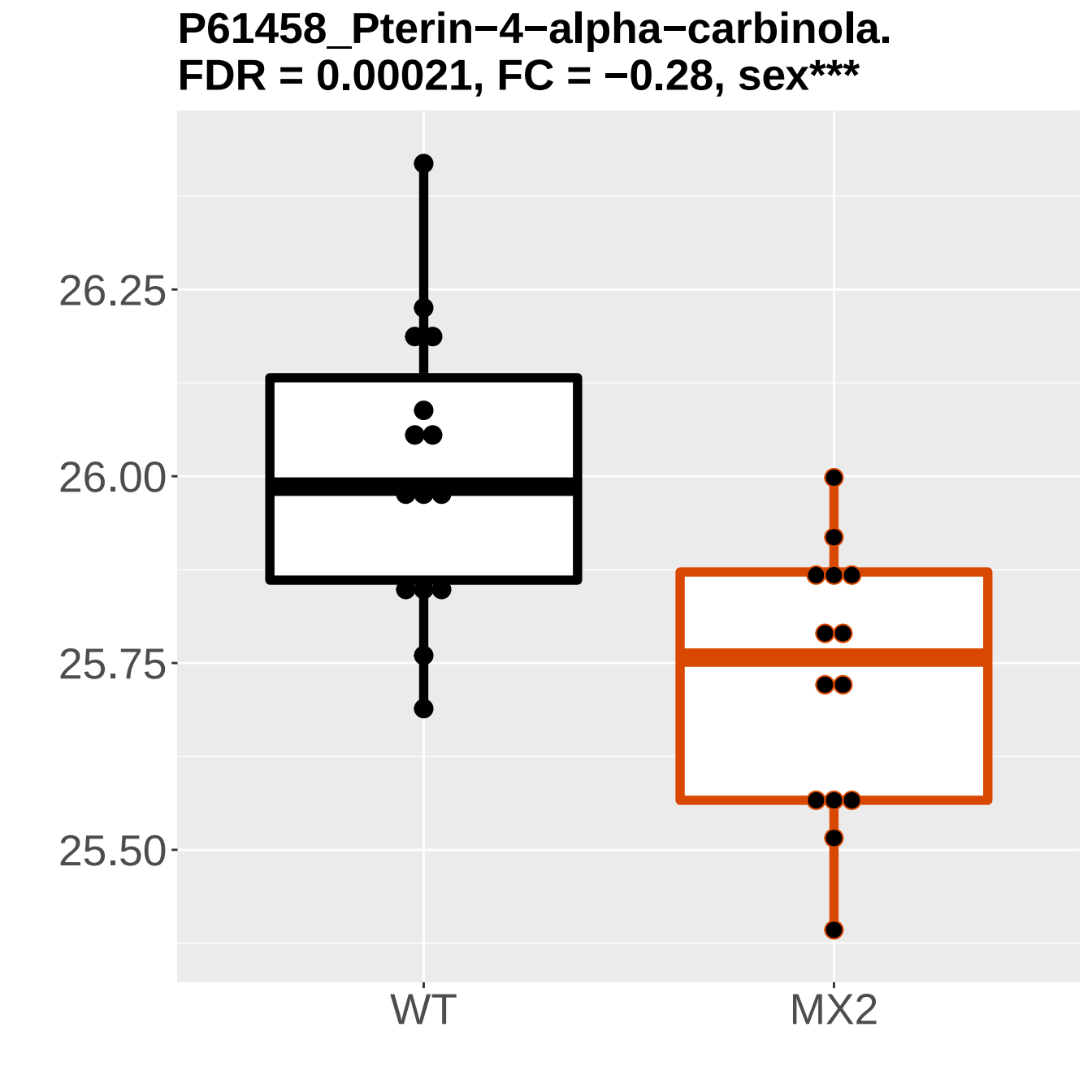

O35945_Aldehyde dehydrogenase, .
FDR = 0.00014, FC = 0.21, sex***
27.0
26.8
26.6
26.4
WT
MX2

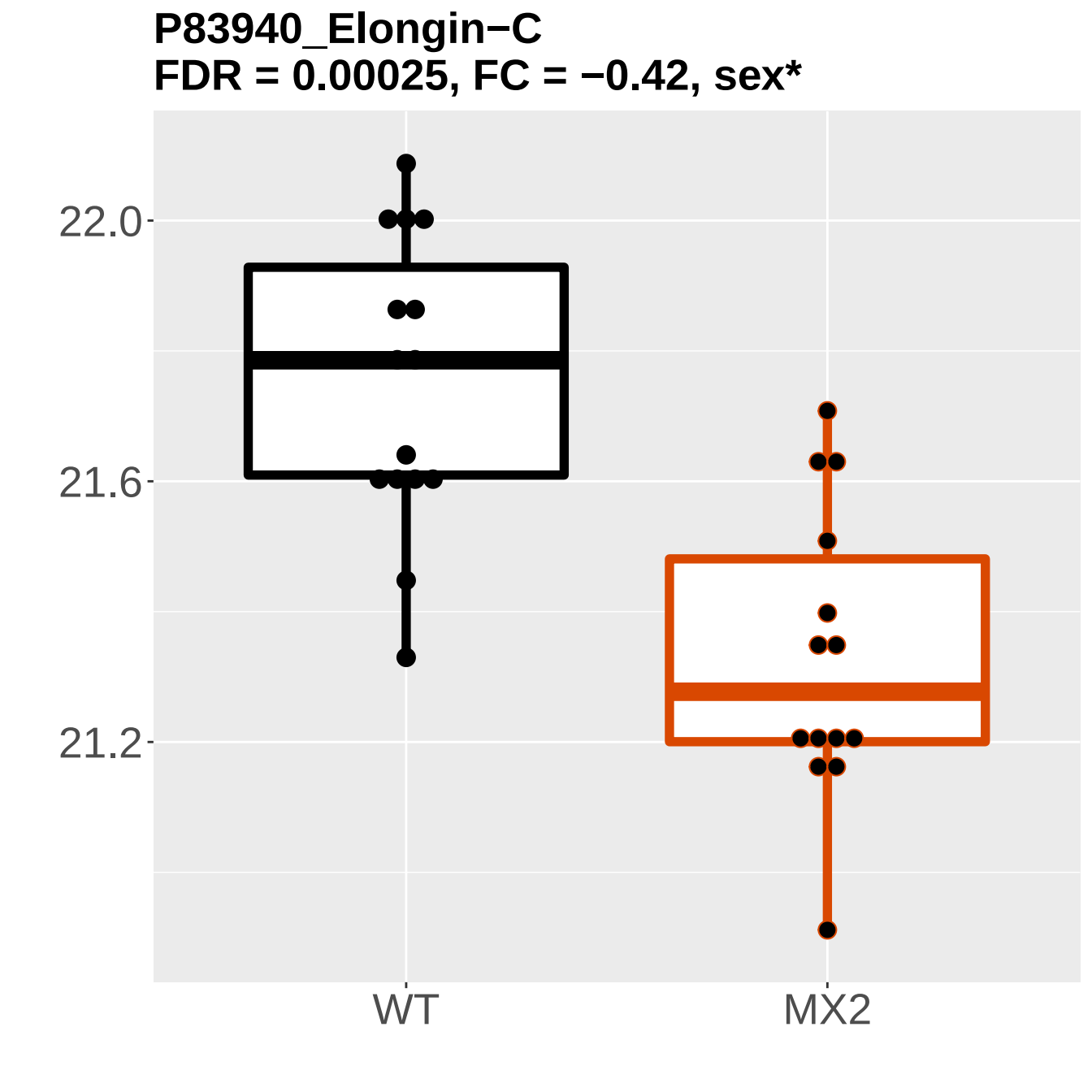

Q9CPQ1_Cytochrome c oxidase sub.
FDR = 0.00014, FC = −0.34, sex*
26.50
26.25
26.00
25.75
25.9945584525887
WT
MX2

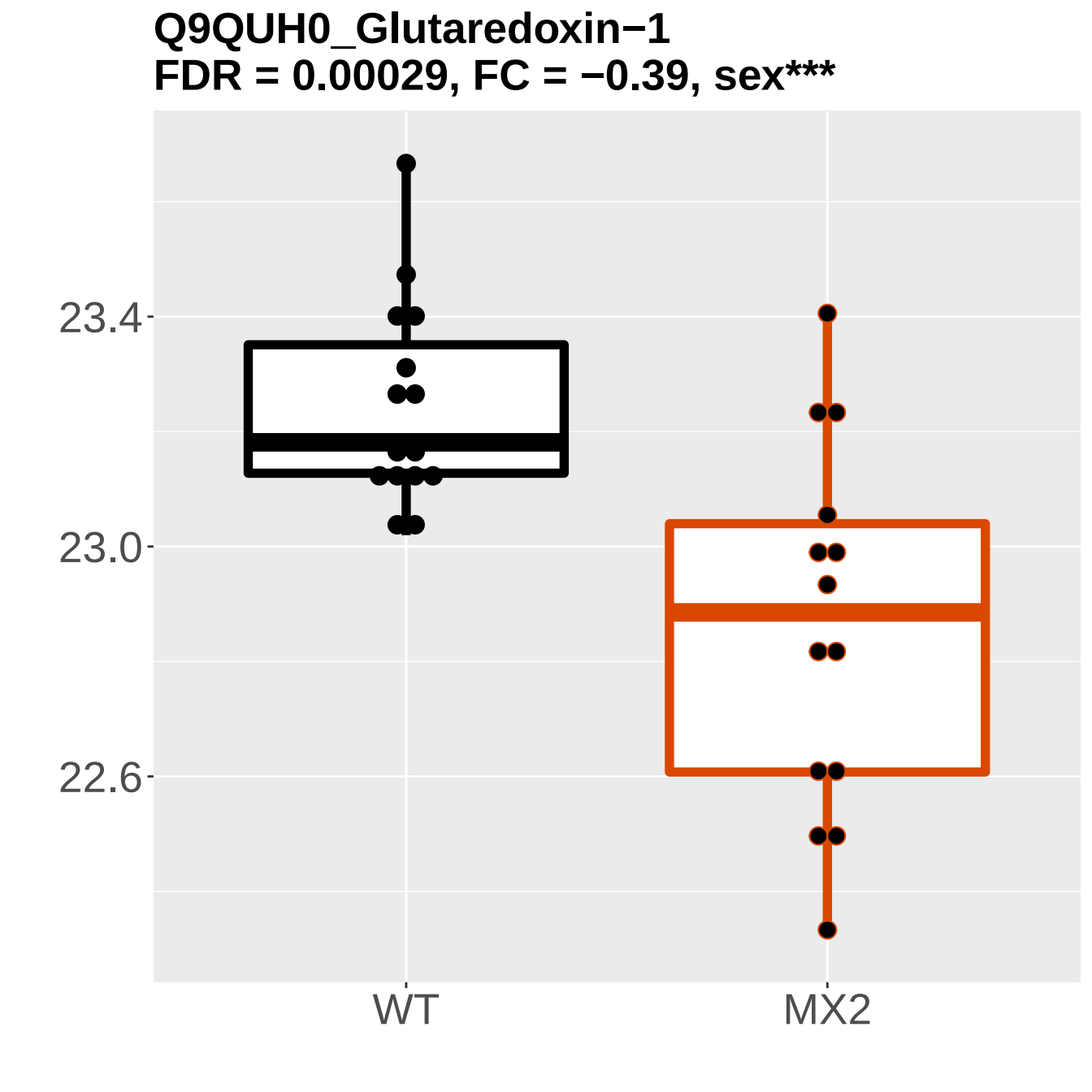

P27048_Small nuclear ribonucleo.
FDR = 0.00015, FC = −0.24, sex***
23.4
23.2
23.0
22.8
WT
MX2

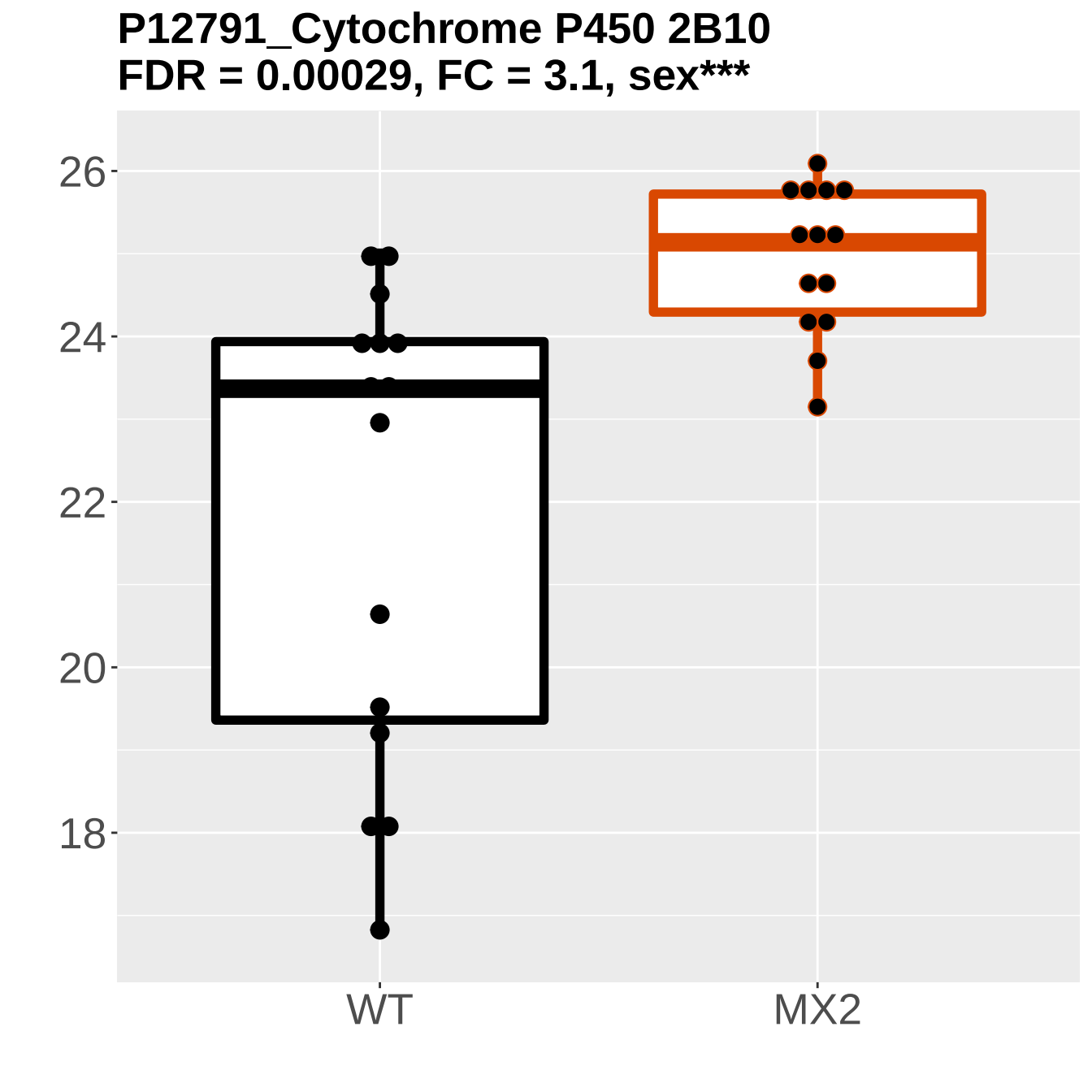

Q9JJU8_SH3 domain−binding gluta.
FDR = 0.00016, FC = −0.38, sex**
22.8
22.5
22.2
21.9
WT
MX2

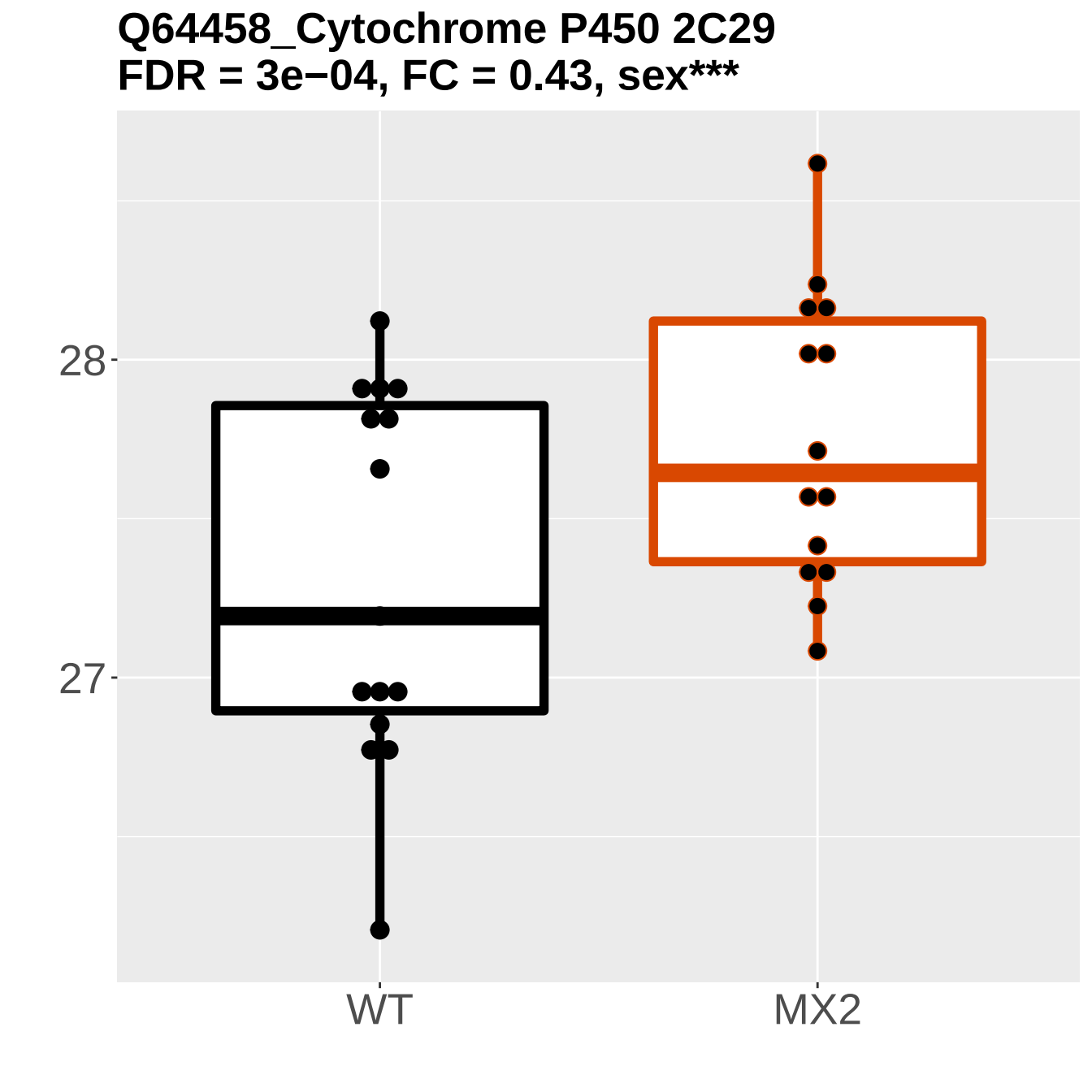

O08583_THO complex subunit 4
FDR = 0.00018, FC = −0.47, sex***
22.5
22.0
21.5
WT
MX2

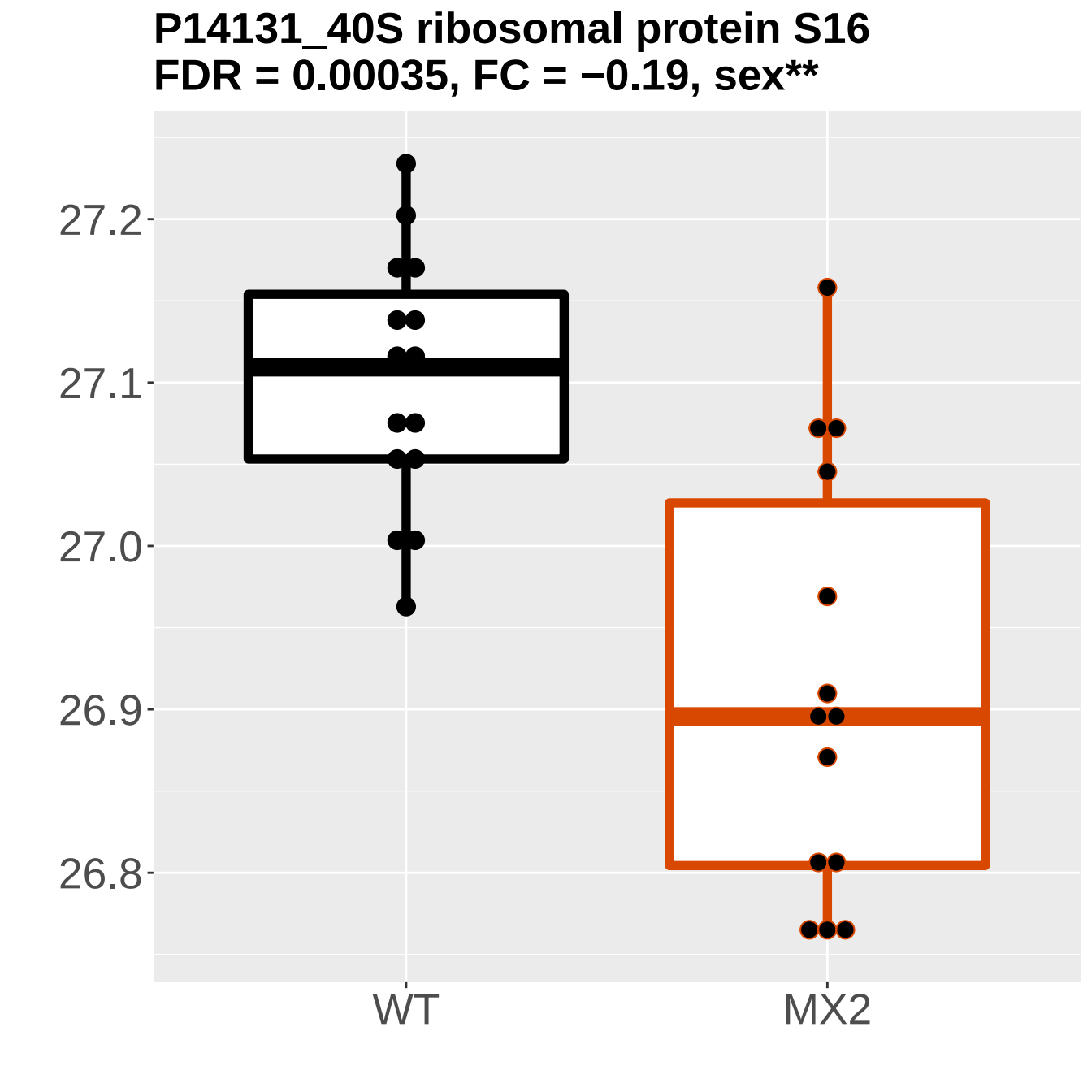

P61458_Pterin−4−alpha−carbinola.
FDR = 0.00021, FC = −0.28, sex***
26.25
26.00
25.75
25.50
WT
MX2

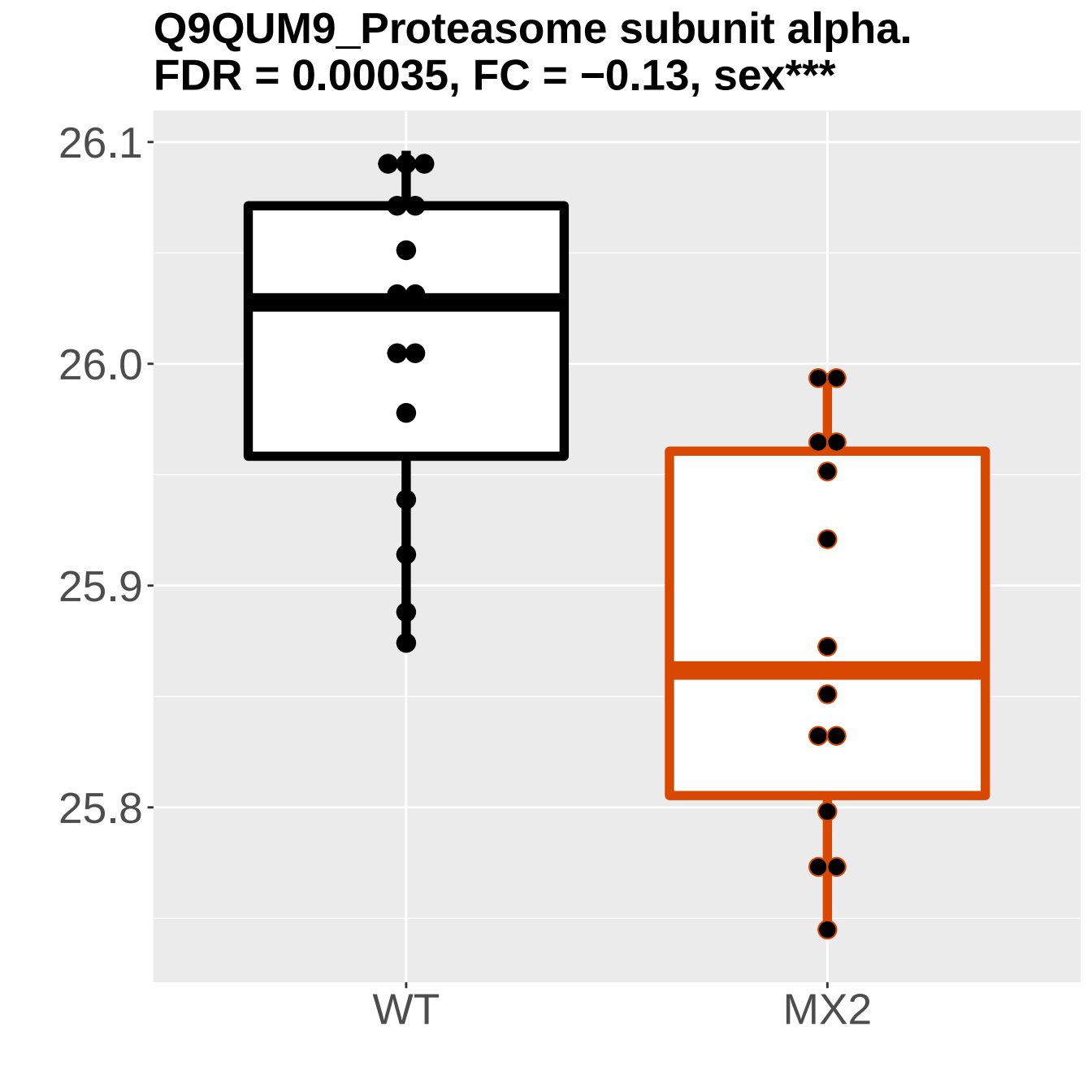

P83940_Elongin−C
FDR = 0.00025, FC = −0.42, sex*
22.0
21.6
21.2
WT
MX2

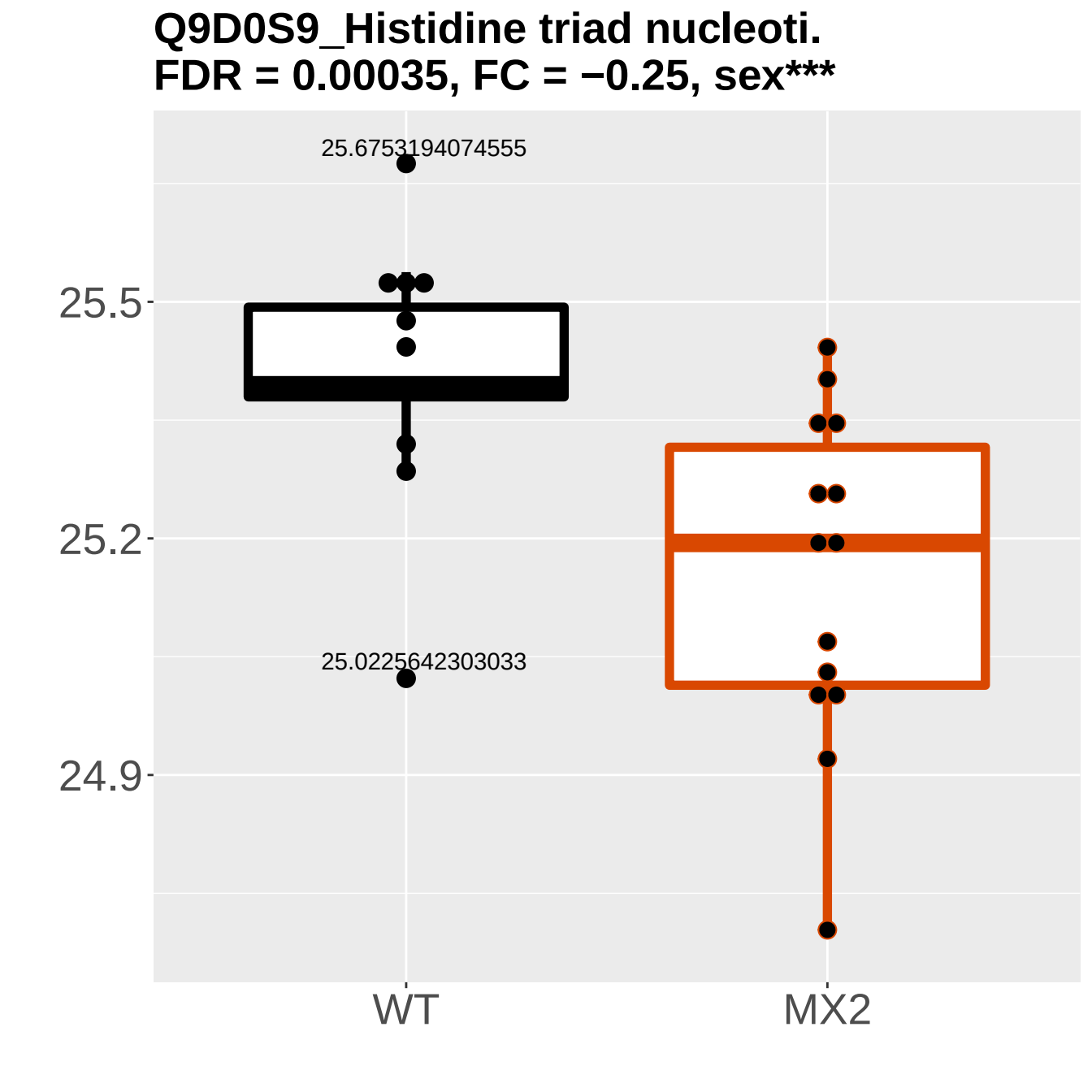

Q9QUH0_Glutaredoxin−1
FDR = 0.00029, FC = −0.39, sex***
23.4
23.0
22.6
WT
MX2

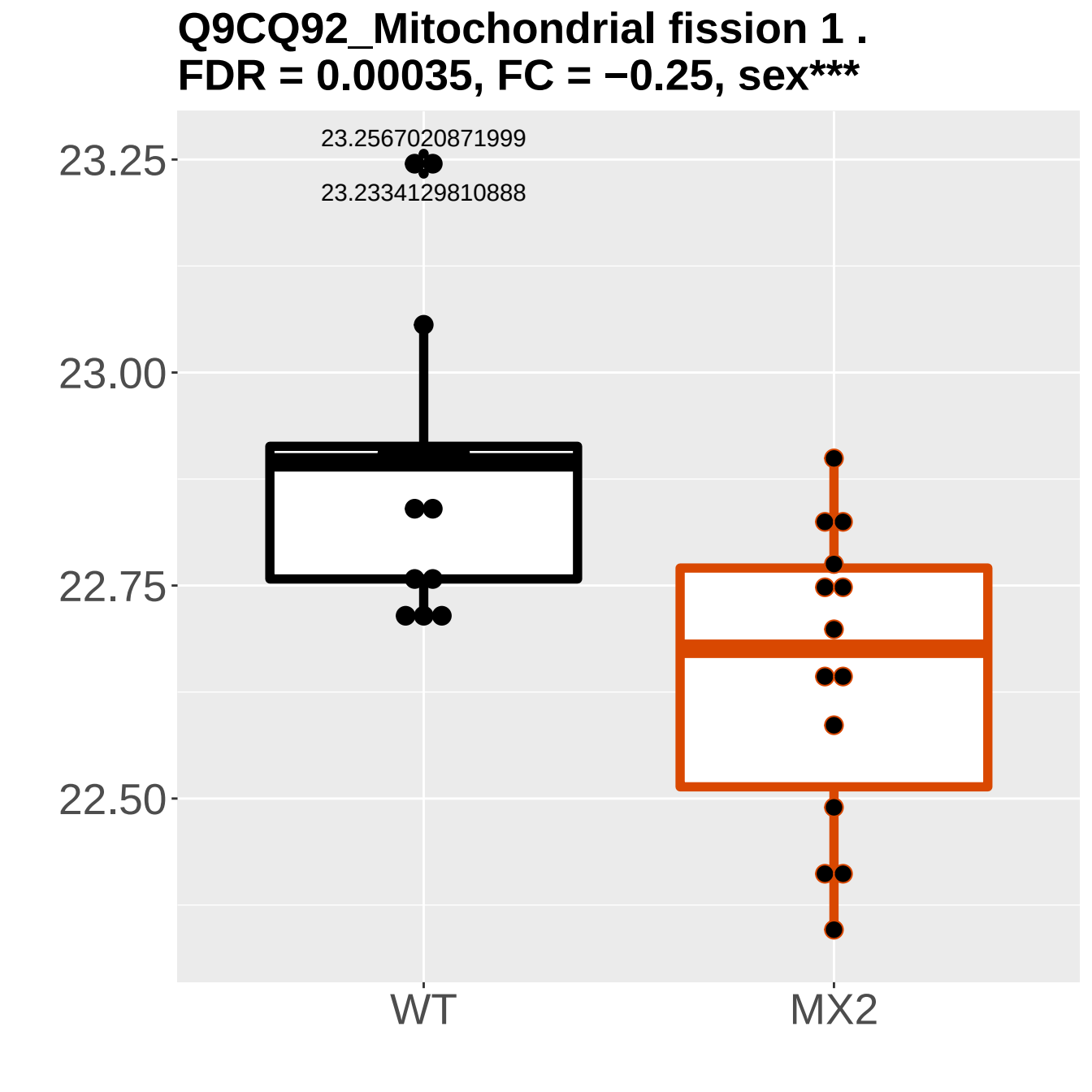

P12791_Cytochrome P450 2B10
FDR = 0.00029, FC = 3.1, sex***
26
24
22
20
18
WT
MX2

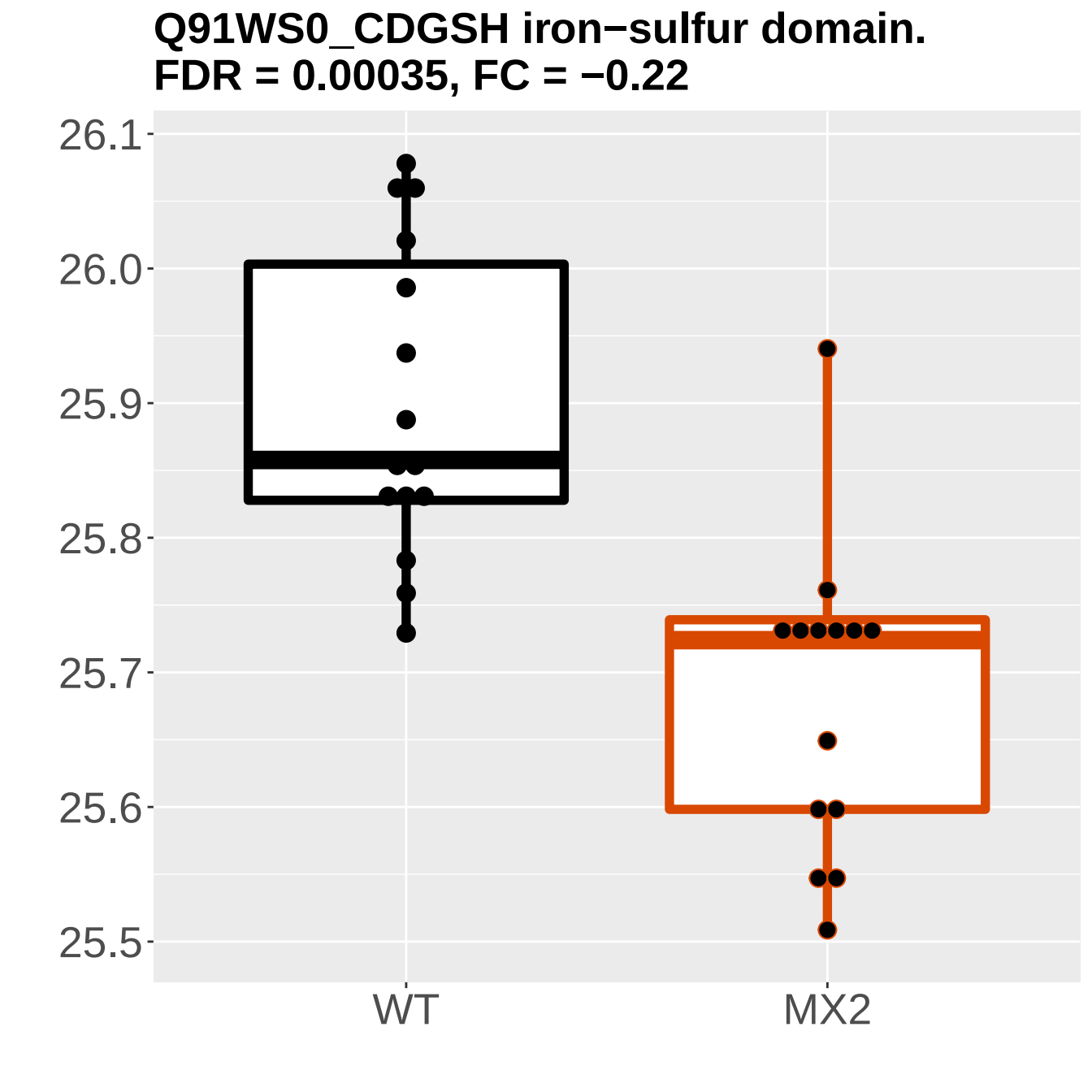

Q64458_Cytochrome P450 2C29
FDR = 3e−04, FC = 0.43, sex***
28
27
WT
MX2

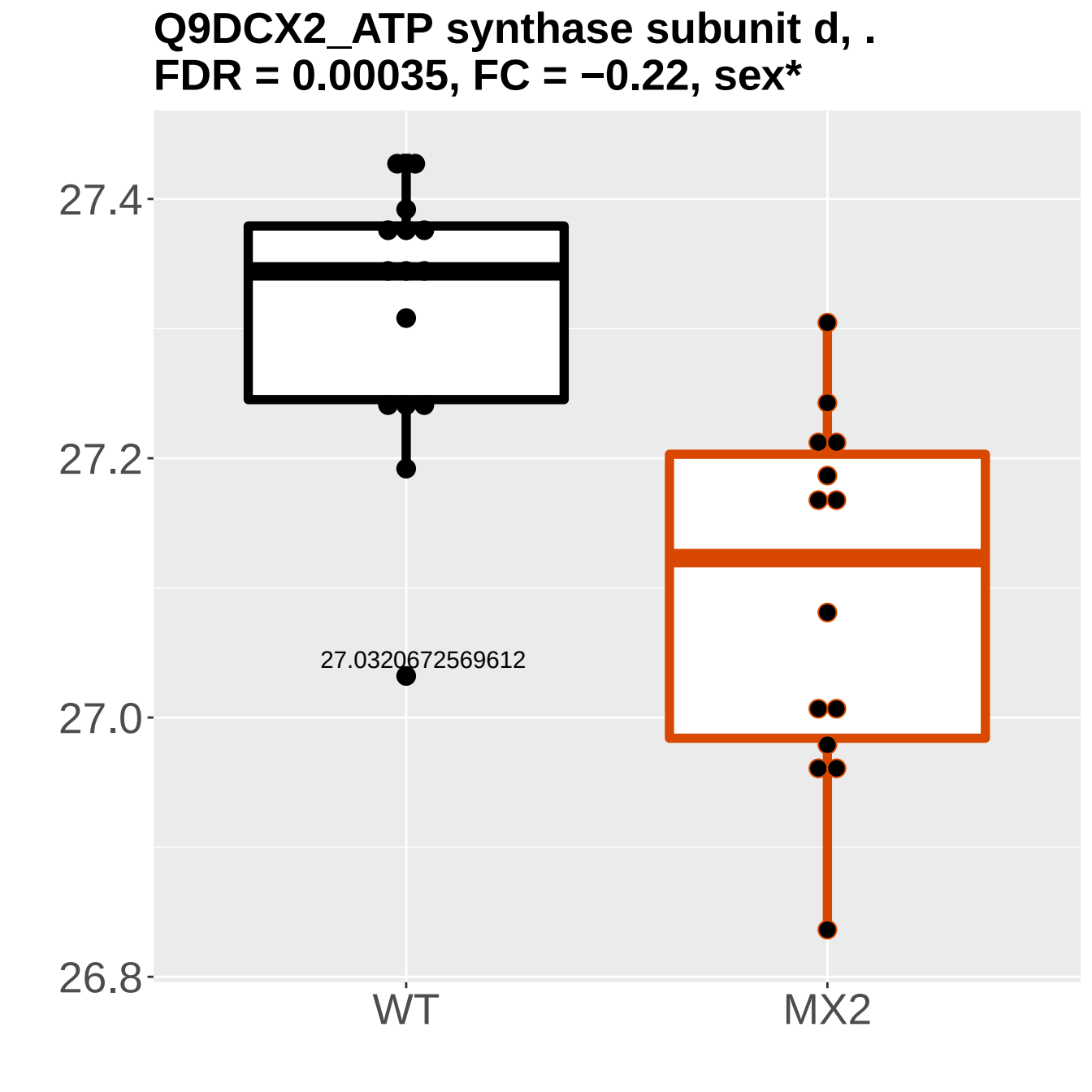

P14131_40S ribosomal protein S16
FDR = 0.00035, FC = −0.19, sex**
27.2
27.1
27.0
26.9
26.8
WT
MX2

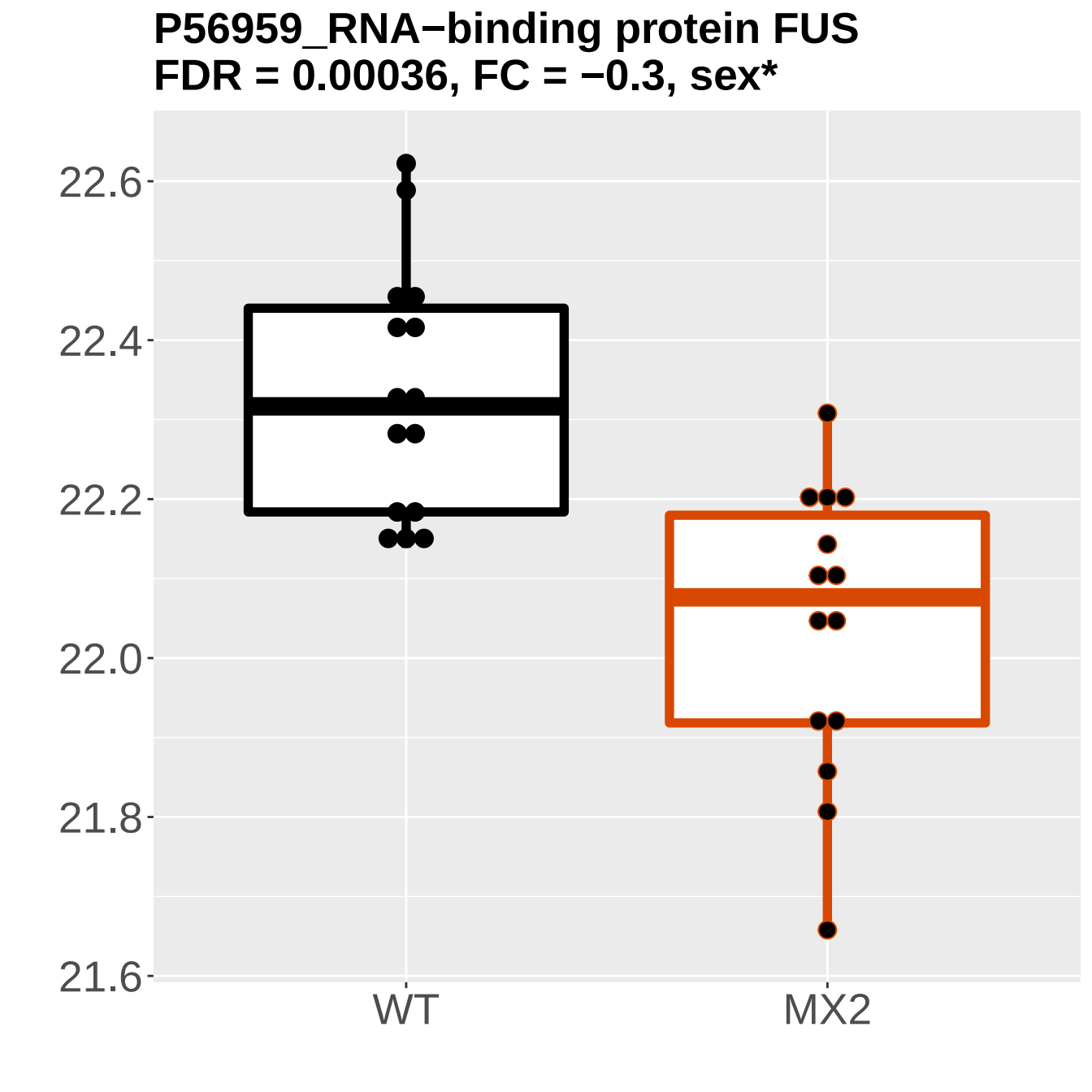

Q9QUM9_Proteasome subunit alpha.
FDR = 0.00035, FC = −0.13, sex***
26.1
26.0
25.9
25.8
WT
MX2

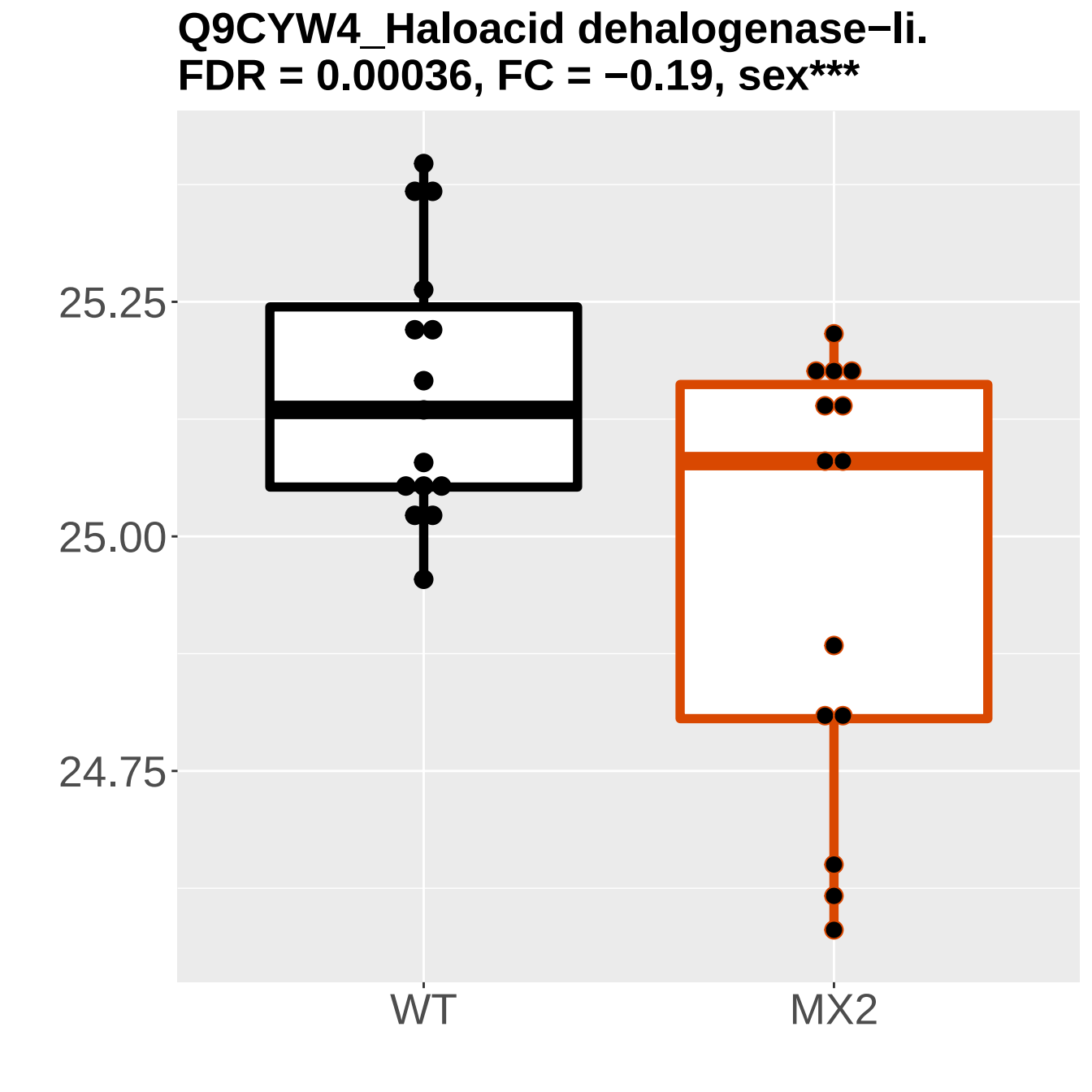

Q9D0S9_Histidine triad nucleoti.
FDR = 0.00035, FC = −0.25, sex***
25.6753194074555
25.5
25.2
25.0225642303033
24.9
WT
MX2

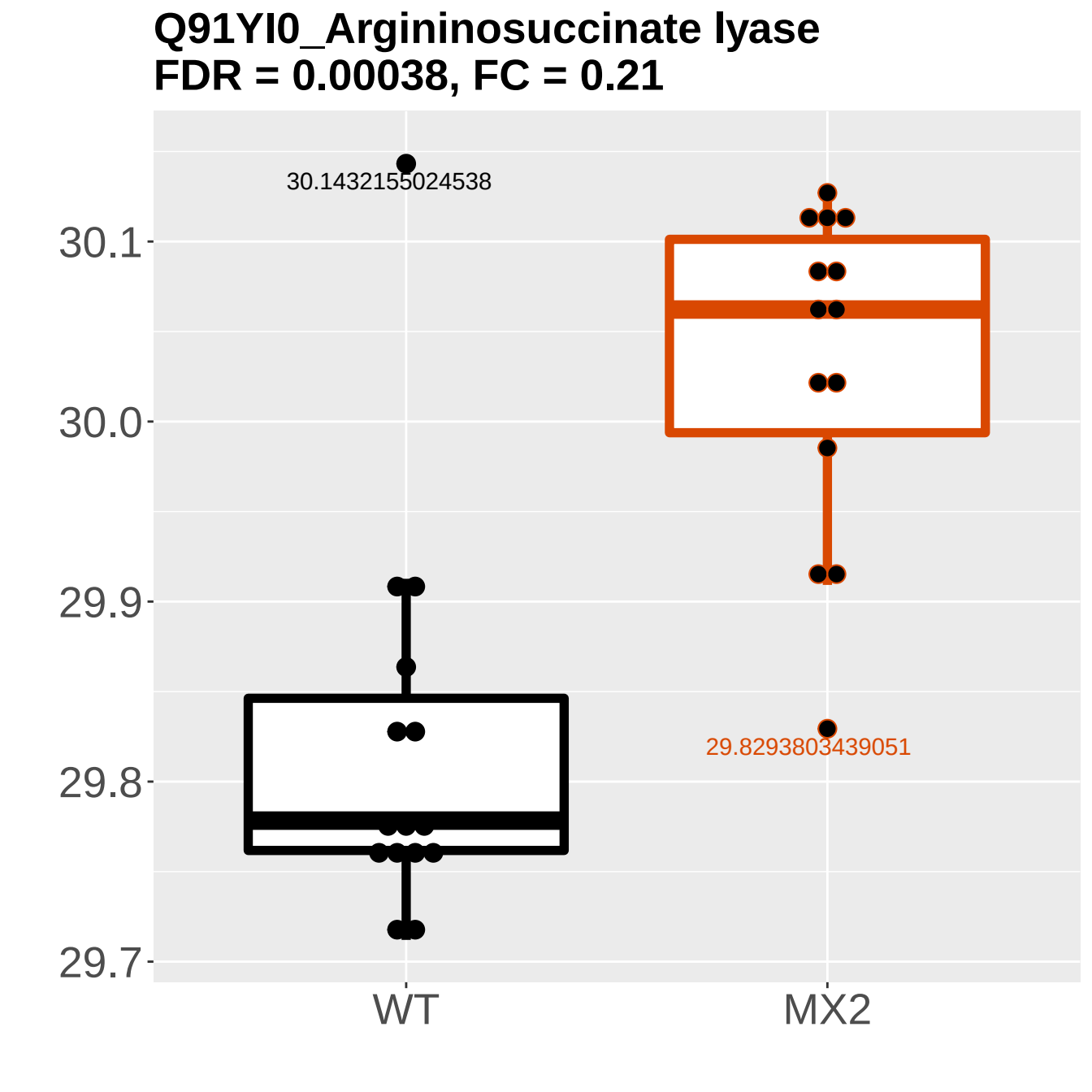

Q9CQ92_Mitochondrial fission 1 .
FDR = 0.00035, FC = −0.25, sex***
23.2567020871999
23.2334129810888
23.25
23.00
22.75
22.50
WT
MX2

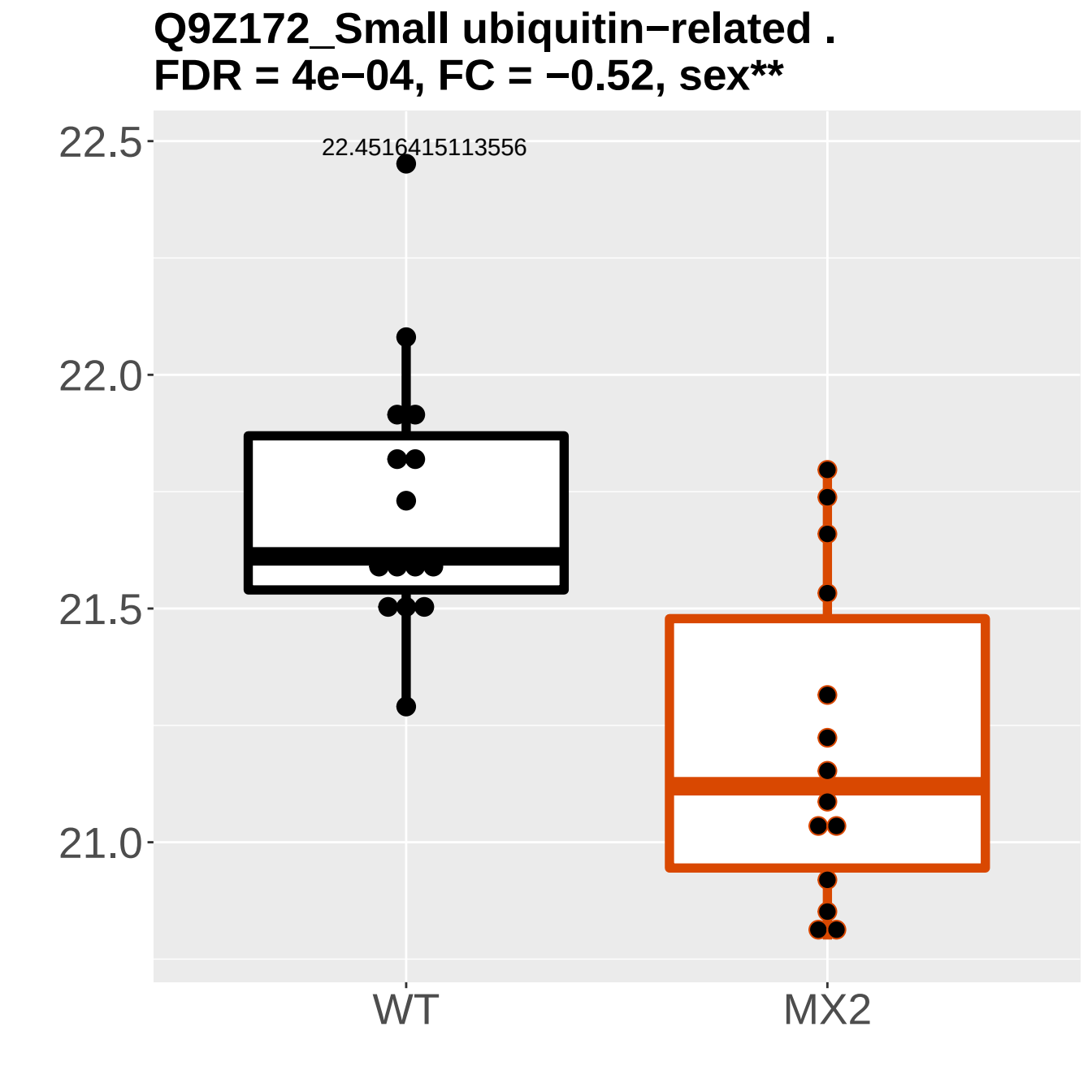

Q91WS0_CDGSH iron−sulfur domain.
FDR = 0.00035, FC = −0.22
26.1
26.0
25.9
25.8
25.7
25.6
25.5
WT
MX2

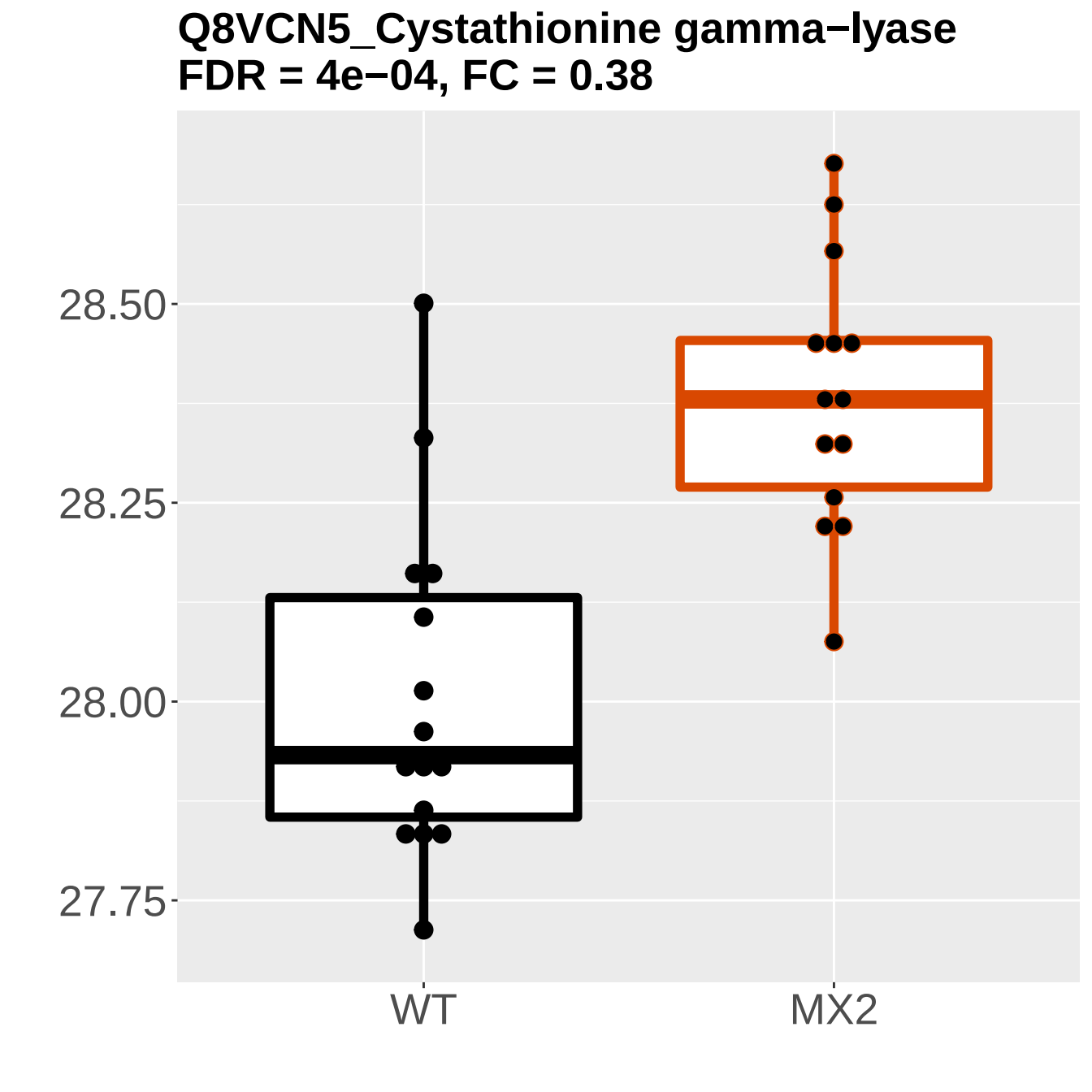

Q9DCX2_ATP synthase subunit d, .
FDR = 0.00035, FC = −0.22, sex*
27.4
27.2
27.0
26.8
27.0320672569612
WT
MX2

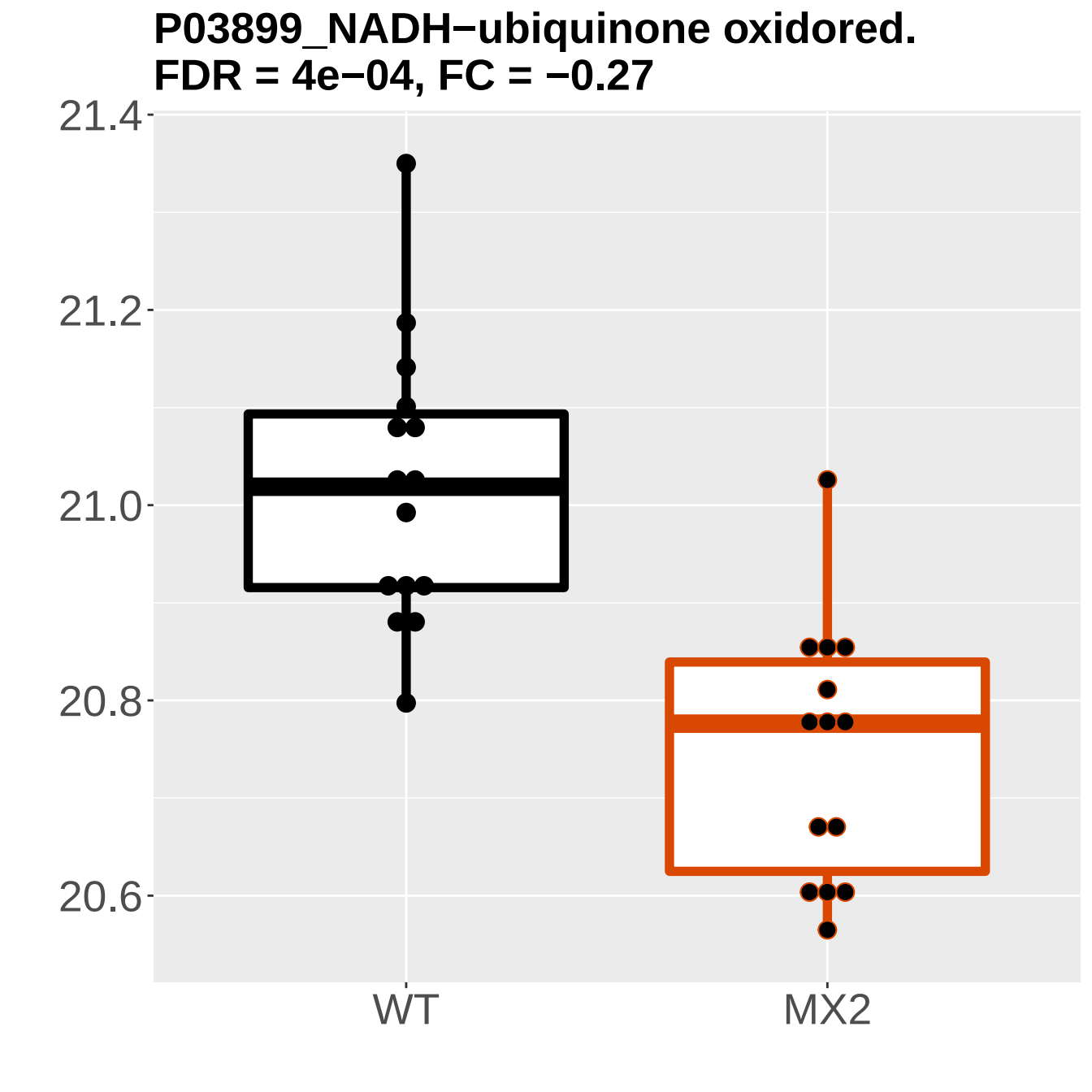

P56959_RNA−binding protein FUS
FDR = 0.00036, FC = −0.3, sex*
22.6
22.4
22.2
22.0
21.8
21.6
WT
MX2

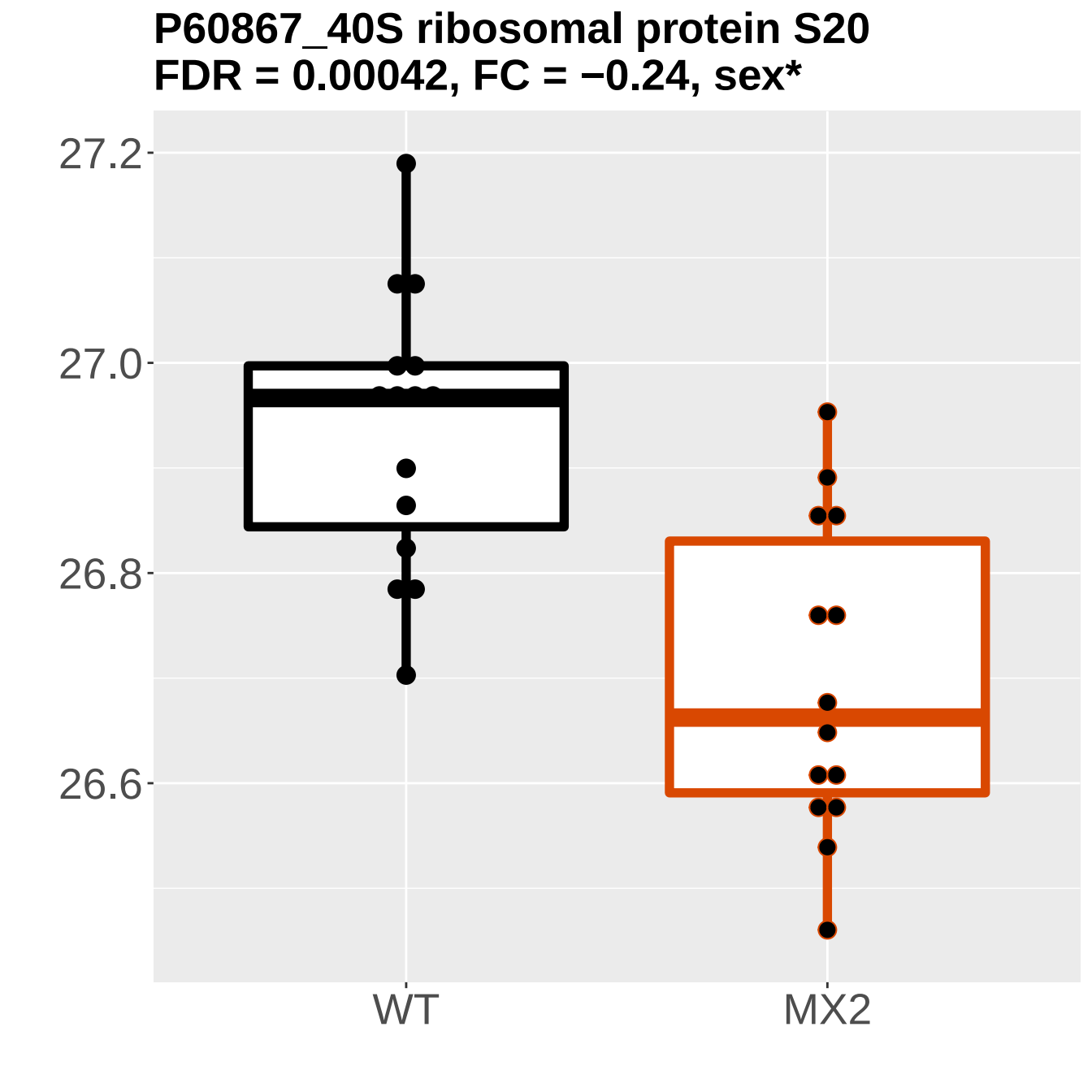

Q9CYW4_Haloacid dehalogenase−li.
FDR = 0.00036, FC = −0.19, sex***
25.25
25.00
24.75
WT
MX2

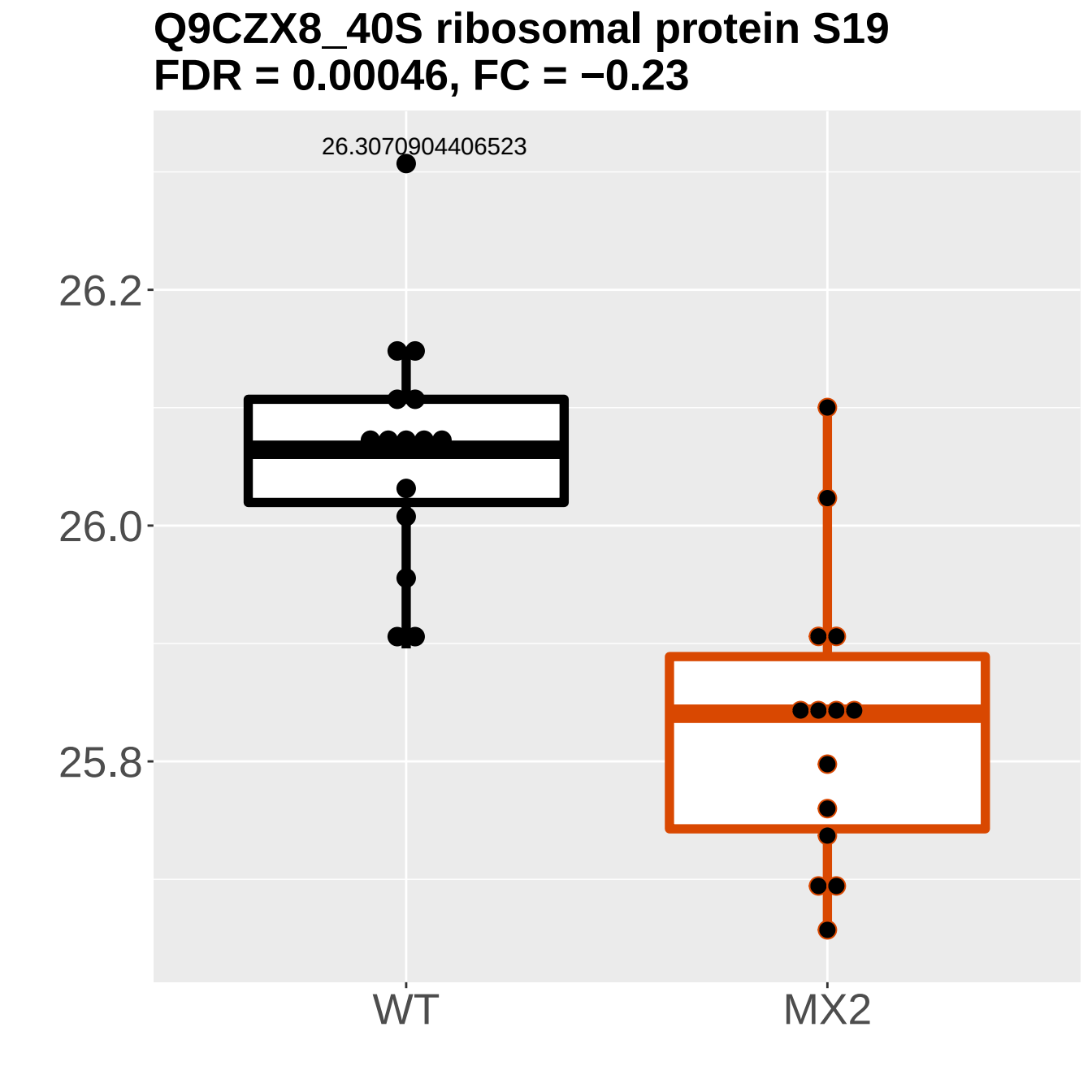

Q91YI0_Argininosuccinate lyase
FDR = 0.00038, FC = 0.21
30.1432155024538
29.8293803439051
30.1
30.0
29.9
29.8
29.7
WT
MX2

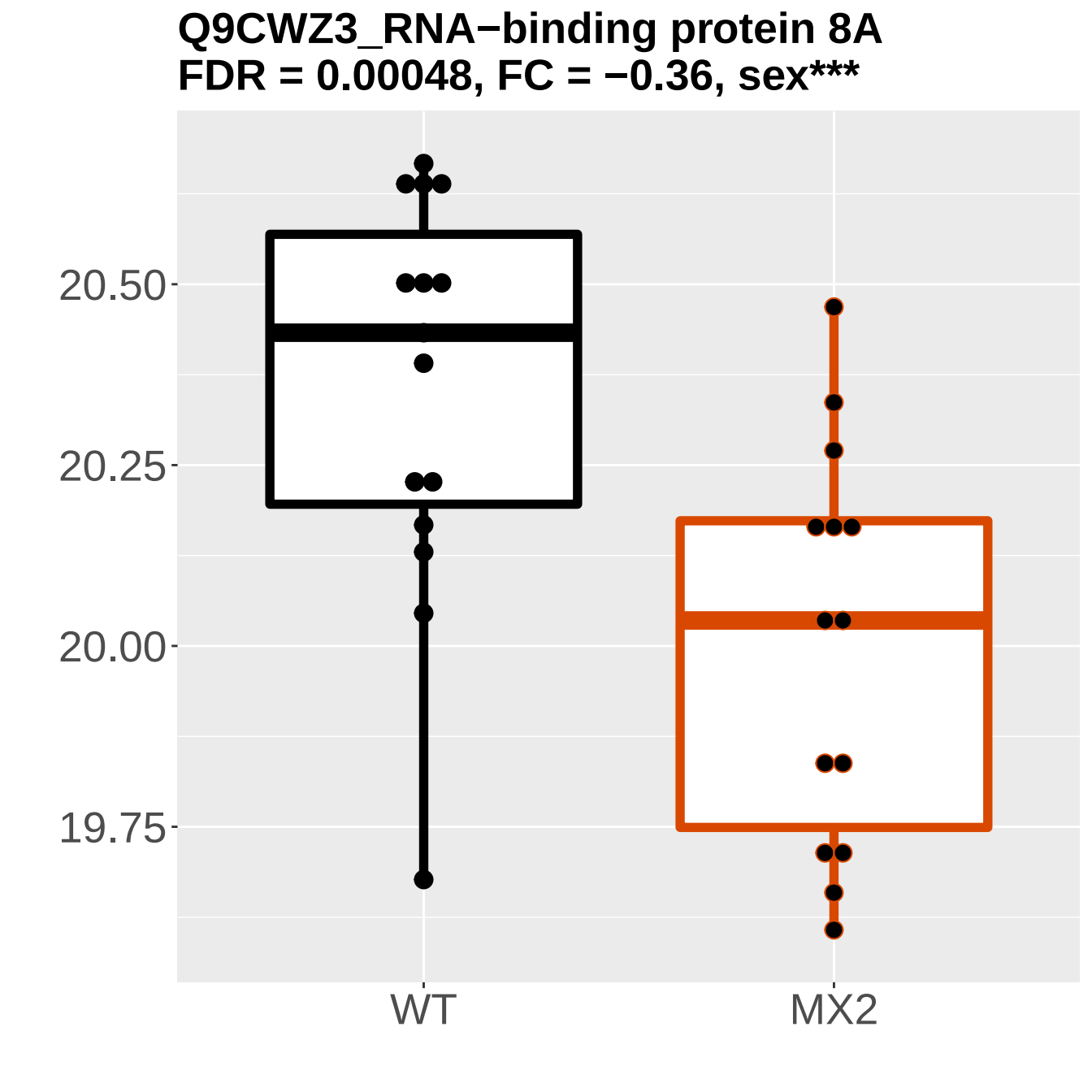

Q9Z172_Small ubiquitin−related .
FDR = 4e−04, FC = −0.52, sex**
22.5
22.0
21.5
21.0
22.4516415113556
WT
MX2

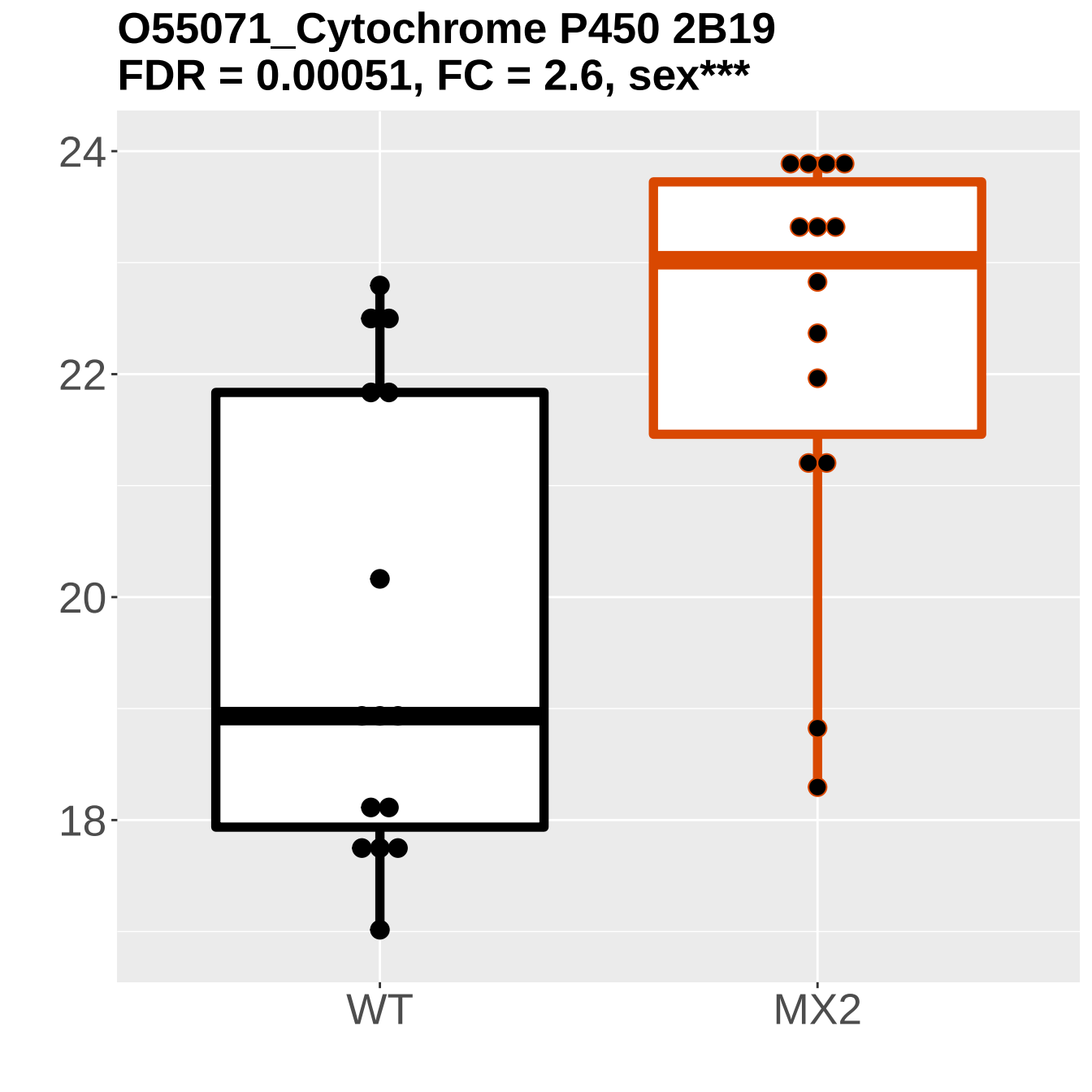

Q8VCN5_Cystathionine gamma−lyase
FDR = 4e−04, FC = 0.38
28.50
28.25
28.00
27.75
WT
MX2

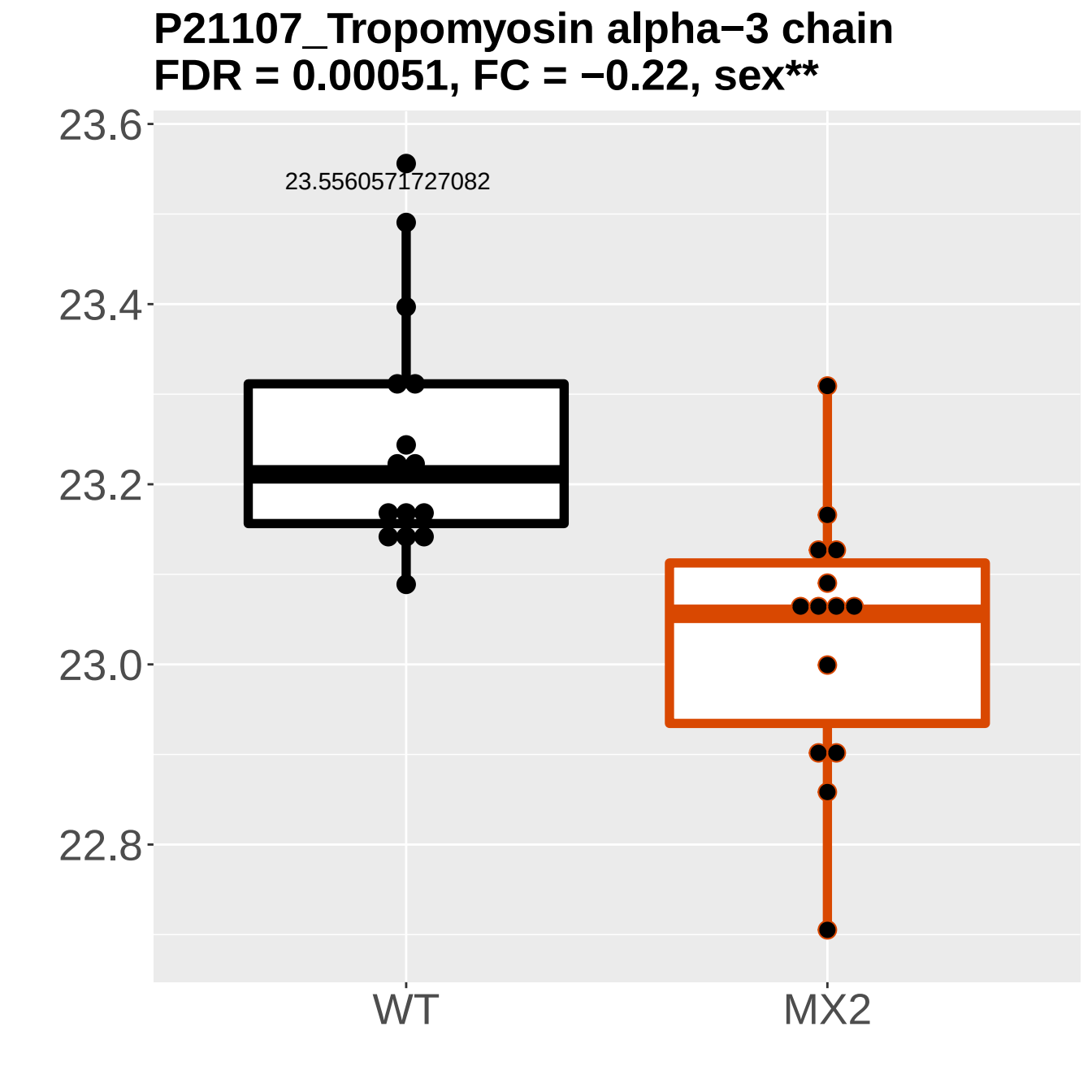

P03899_NADH−ubiquinone oxidored.
FDR = 4e−04, FC = −0.27
21.4
21.2
21.0
20.8
20.6
WT
MX2

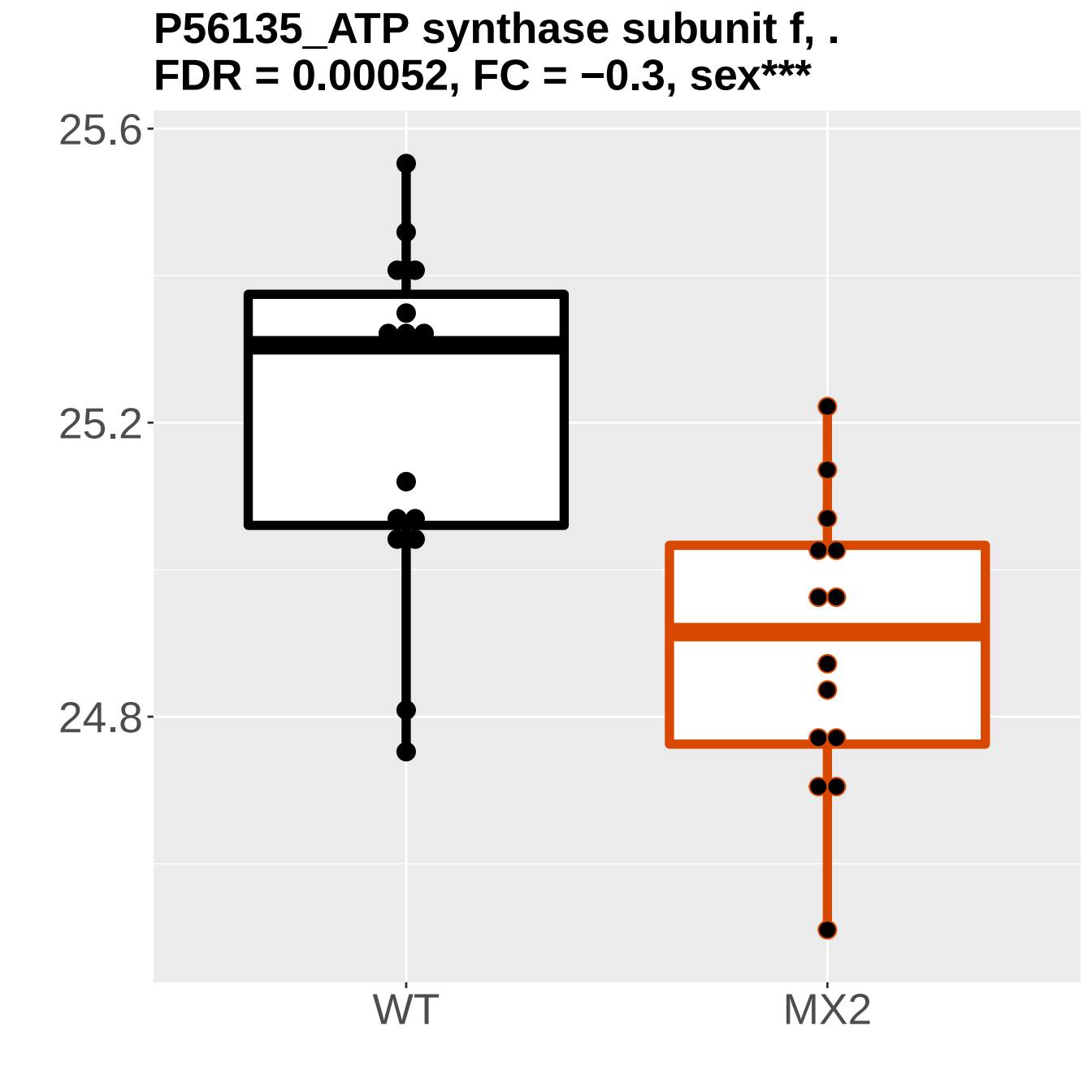

P60867_40S ribosomal protein S20
FDR = 0.00042, FC = −0.24, sex*
27.2
27.0
26.8
26.6
WT
MX2

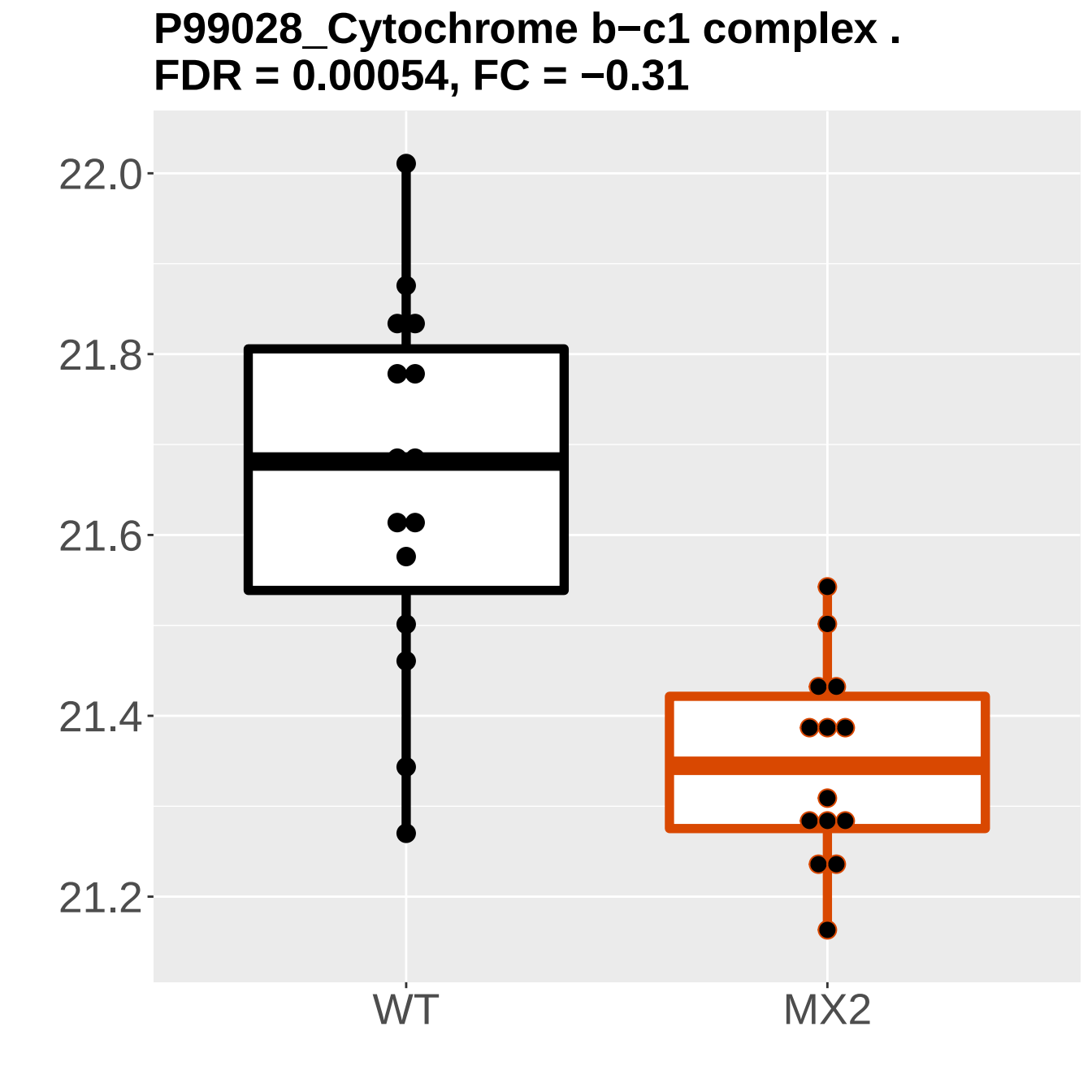

Q9CZX8_40S ribosomal protein S19
FDR = 0.00046, FC = −0.23
26.3070904406523
26.2
26.0
25.8
WT
MX2

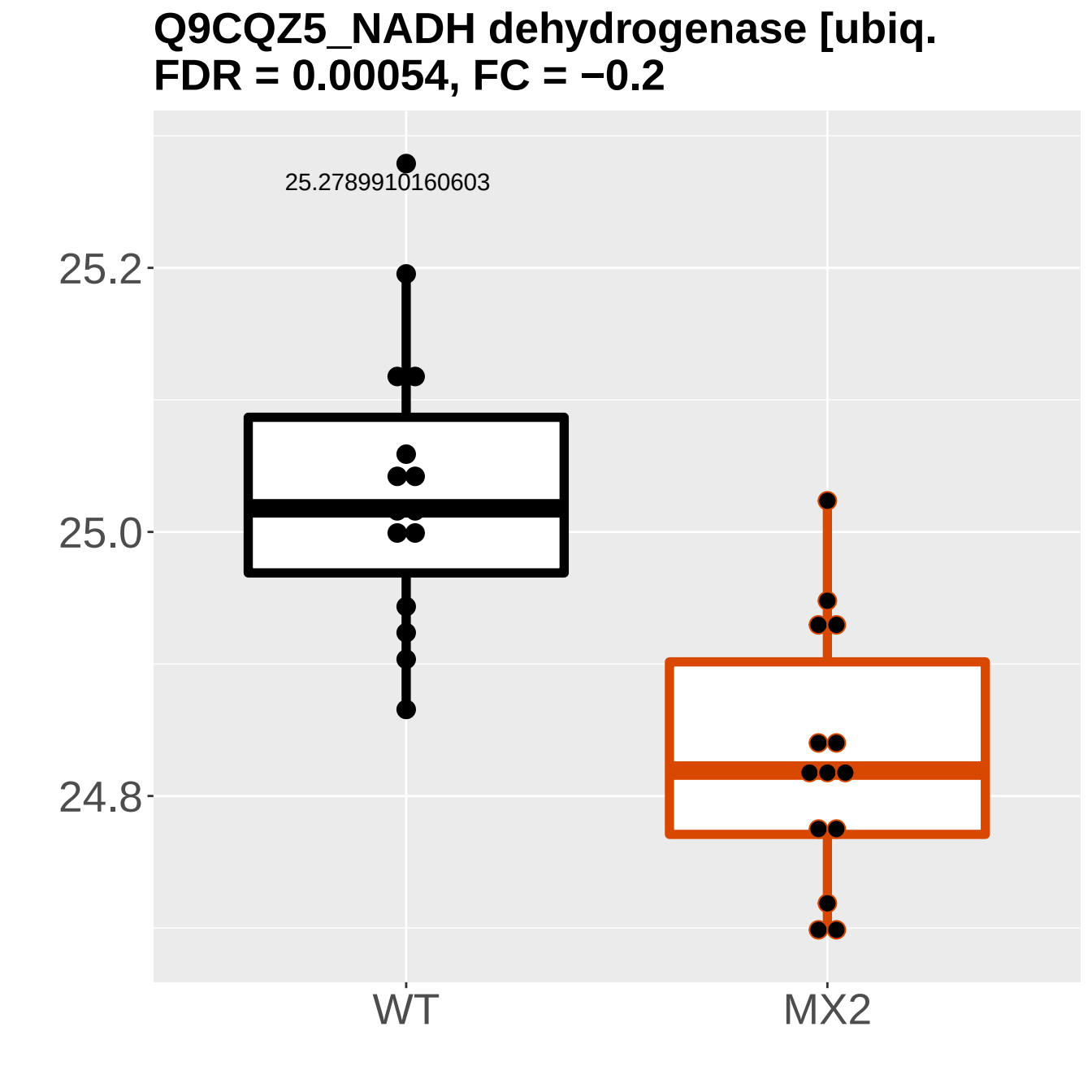

Q9CWZ3_RNA−binding protein 8A
FDR = 0.00048, FC = −0.36, sex***
20.50
20.25
20.00
19.75
WT
MX2

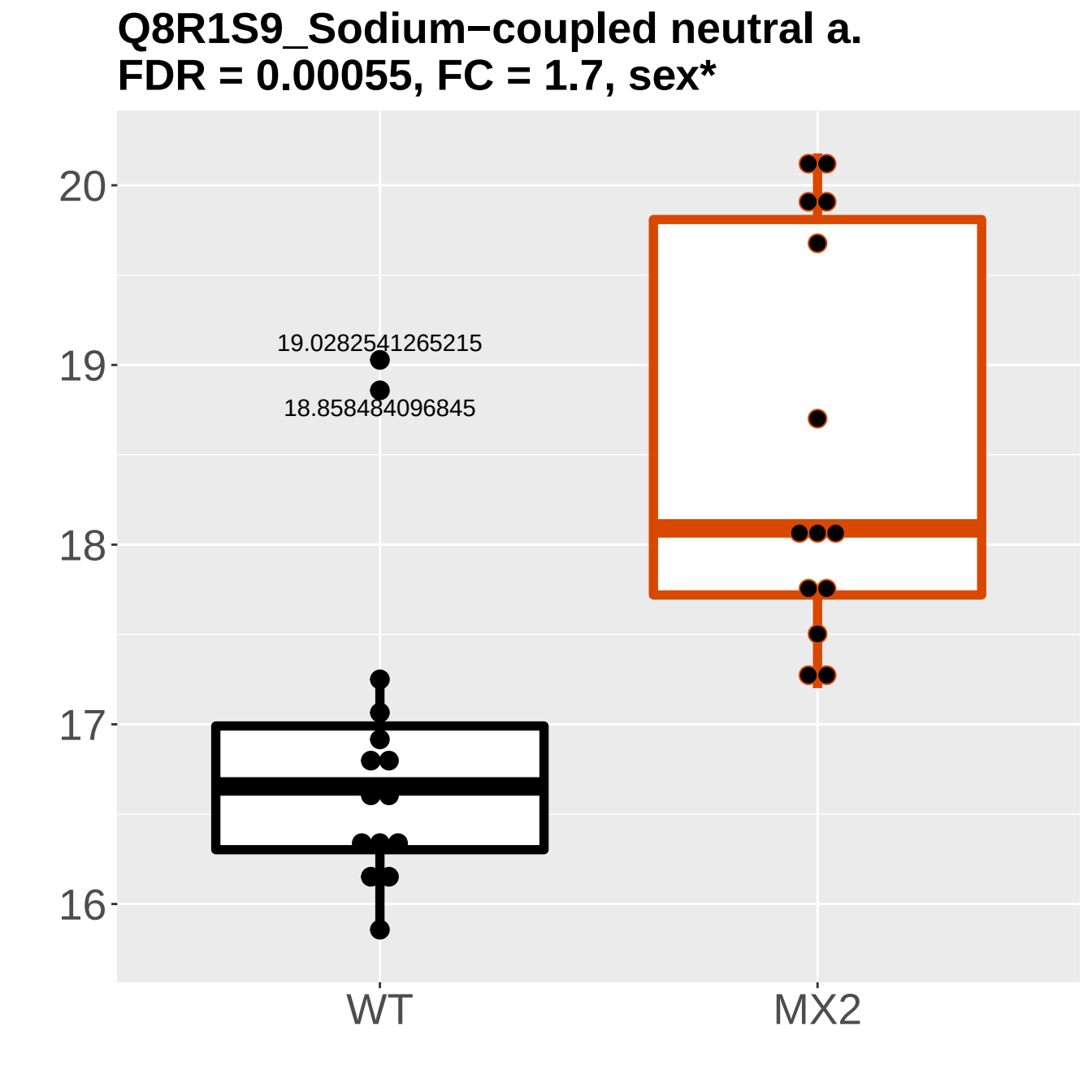

O55071_Cytochrome P450 2B19
FDR = 0.00051, FC = 2.6, sex***
24
22
20
18
WT
MX2

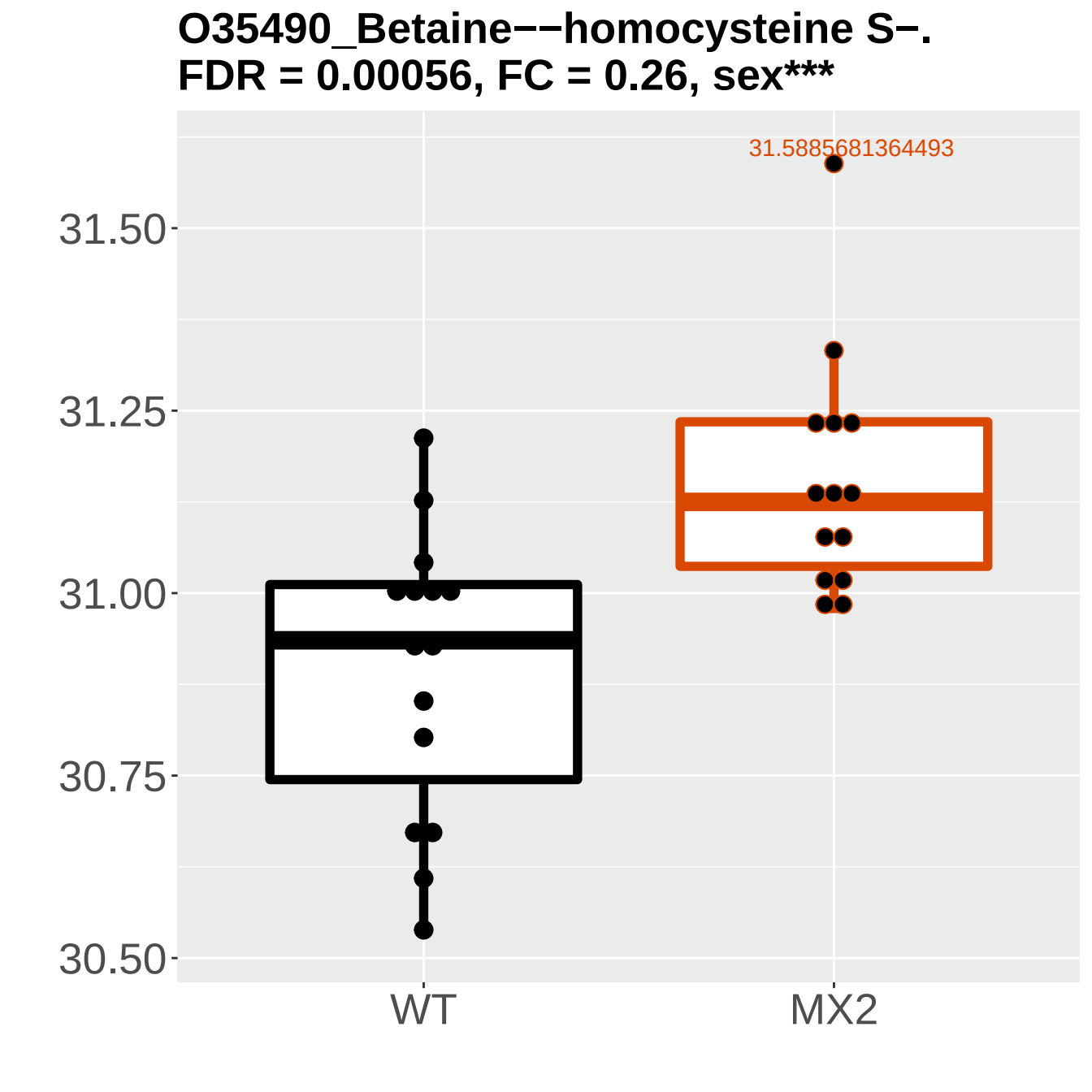

P21107_Tropomyosin alpha−3 chain
FDR = 0.00051, FC = −0.22, sex**
23.6
23.4
23.2
23.0
22.8
23.5560571727082
WT
MX2

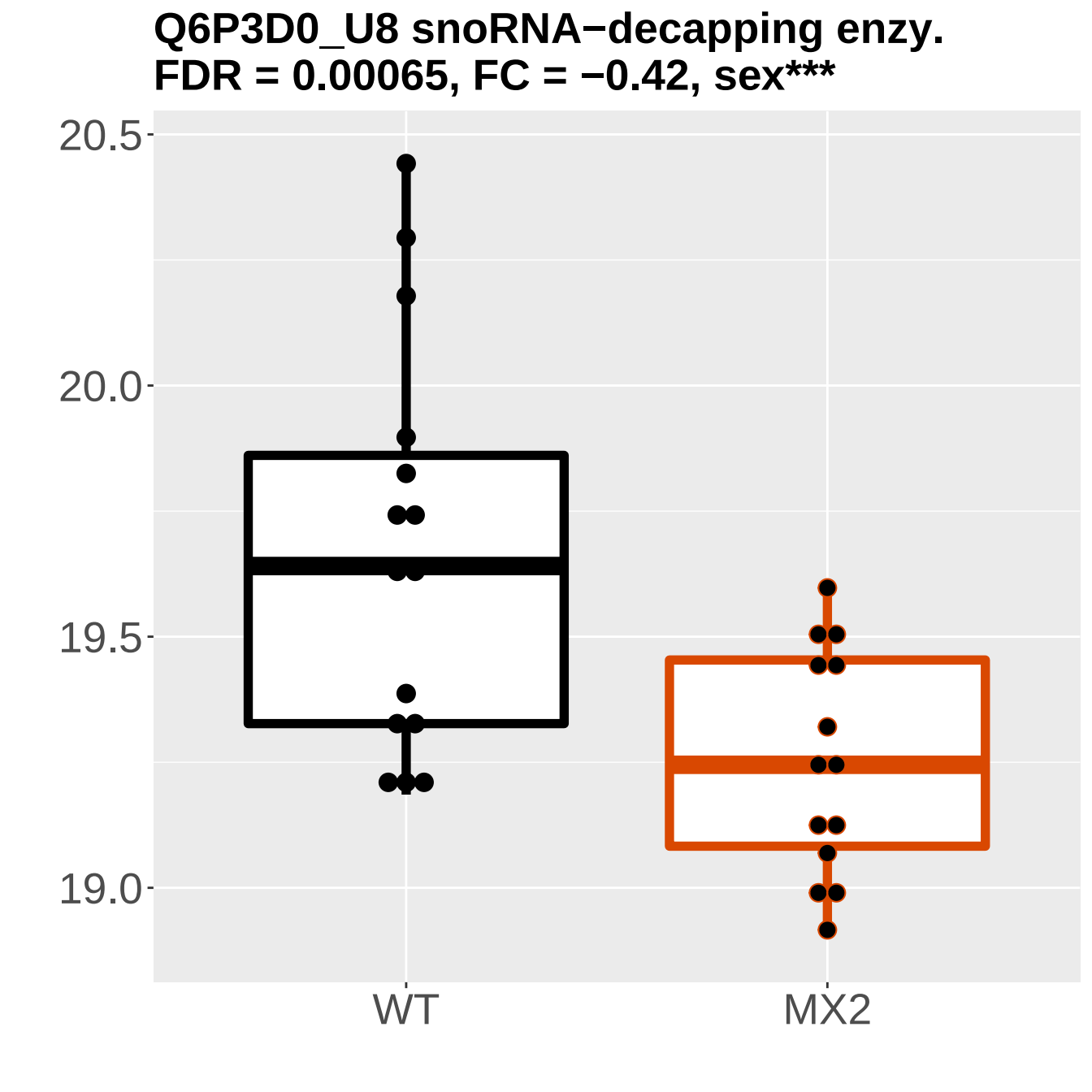

P56135_ATP synthase subunit f, .
FDR = 0.00052, FC = −0.3, sex***
25.6
25.2
24.8
WT
MX2

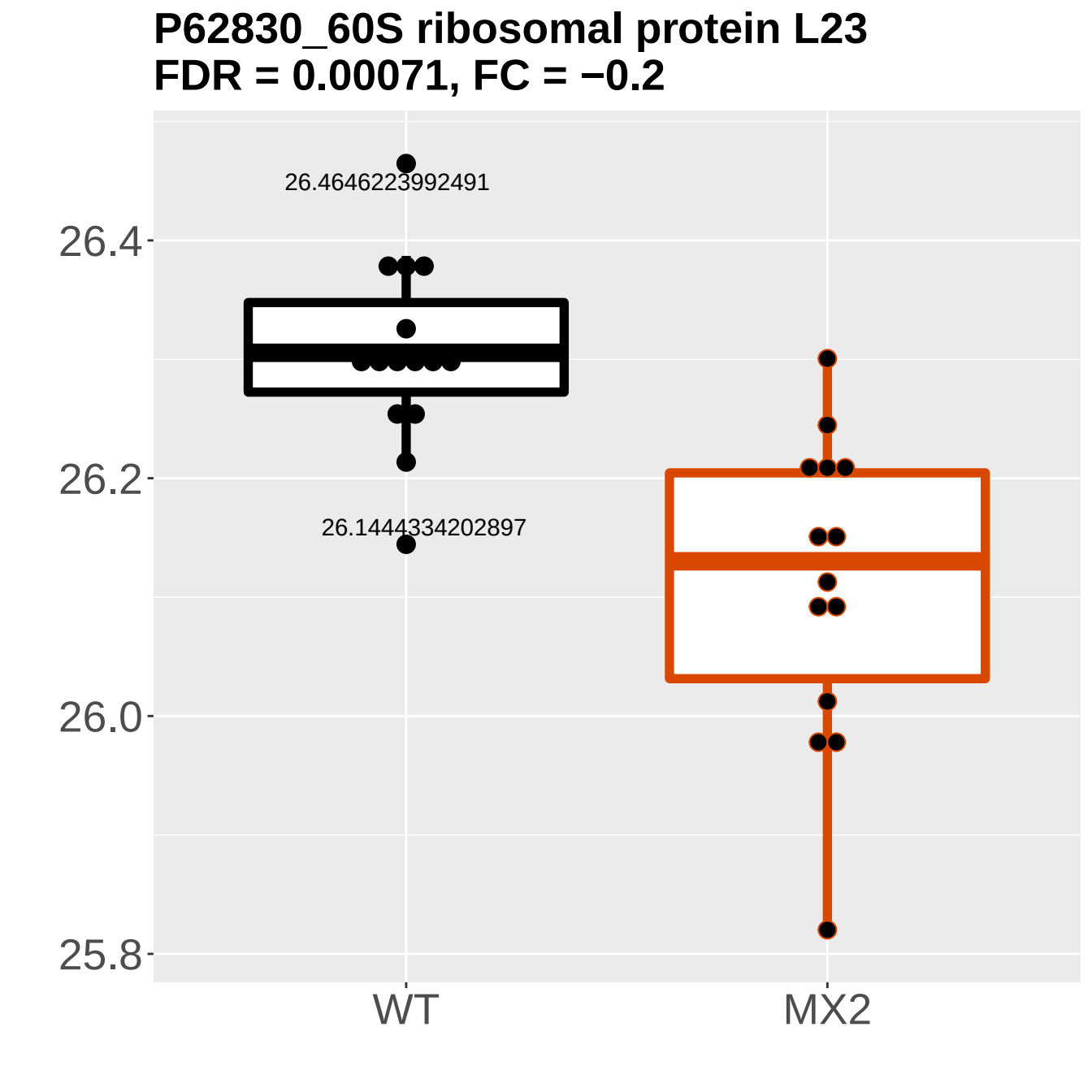

P99028_Cytochrome b−c1 complex .
FDR = 0.00054, FC = −0.31
22.0
21.8
21.6
21.4
21.2
WT
MX2

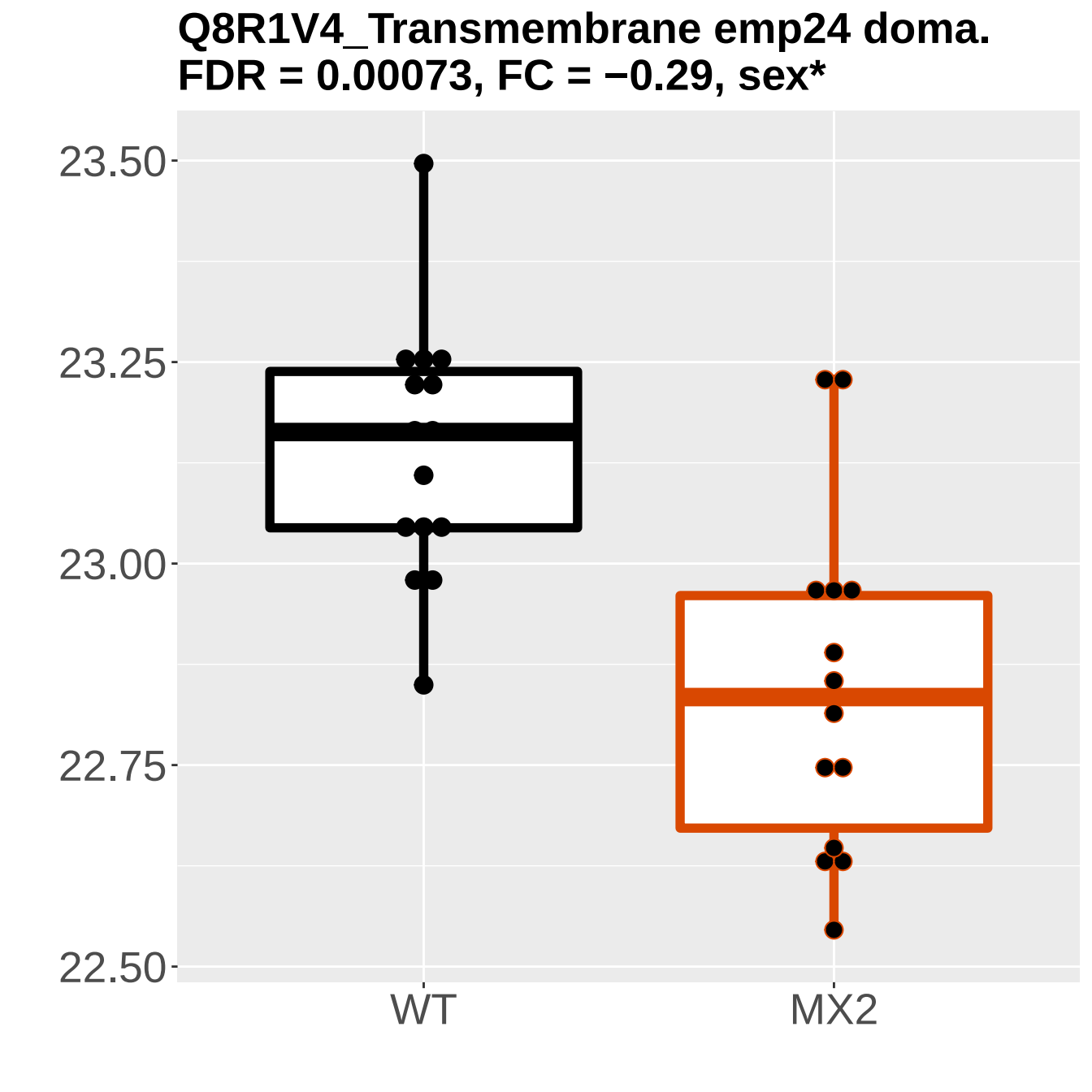

Q9CQZ5_NADH dehydrogenase [ubiq.
FDR = 0.00054, FC = −0.2
25.2789910160603
25.2
25.0
24.8
WT
MX2

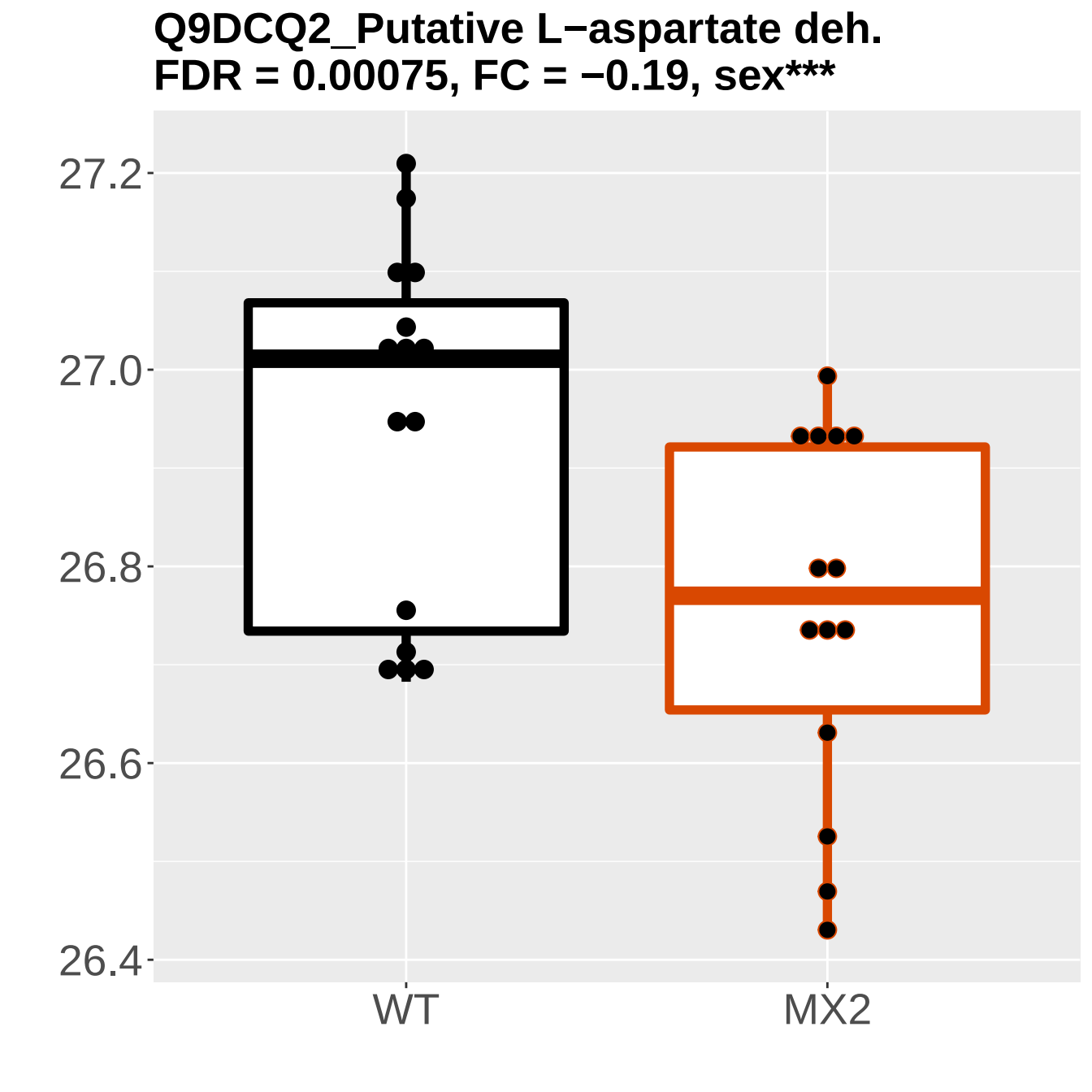

Q8R1S9_Sodium−coupled neutral a.
FDR = 0.00055, FC = 1.7, sex*
20
19
18
17
16
19.0282541265215
18.858484096845
WT
MX2

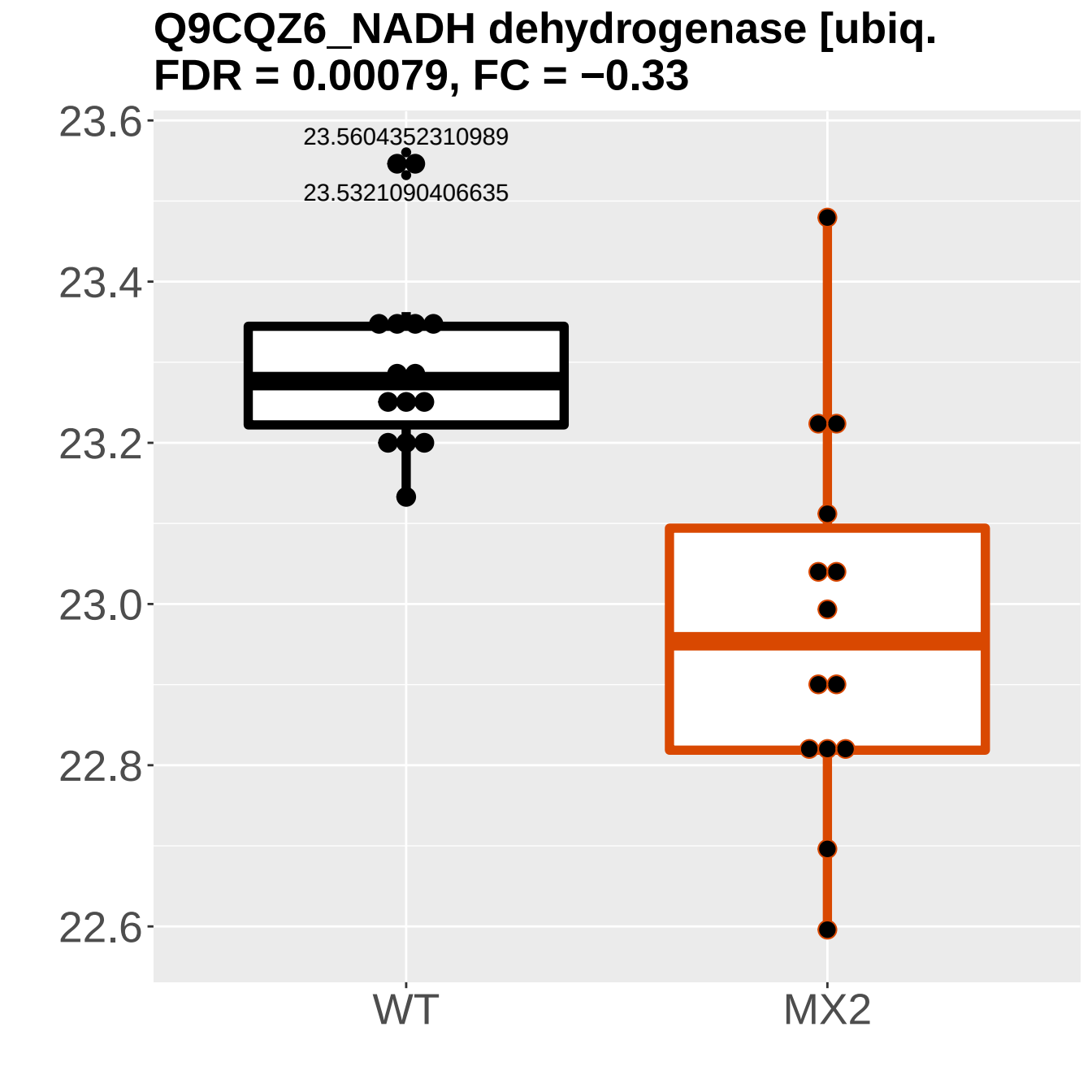

O35490_Betaine−−homocysteine S−.
FDR = 0.00056, FC = 0.26, sex***
31.5885681364493
31.50
31.25
31.00
30.75
30.50
WT
MX2

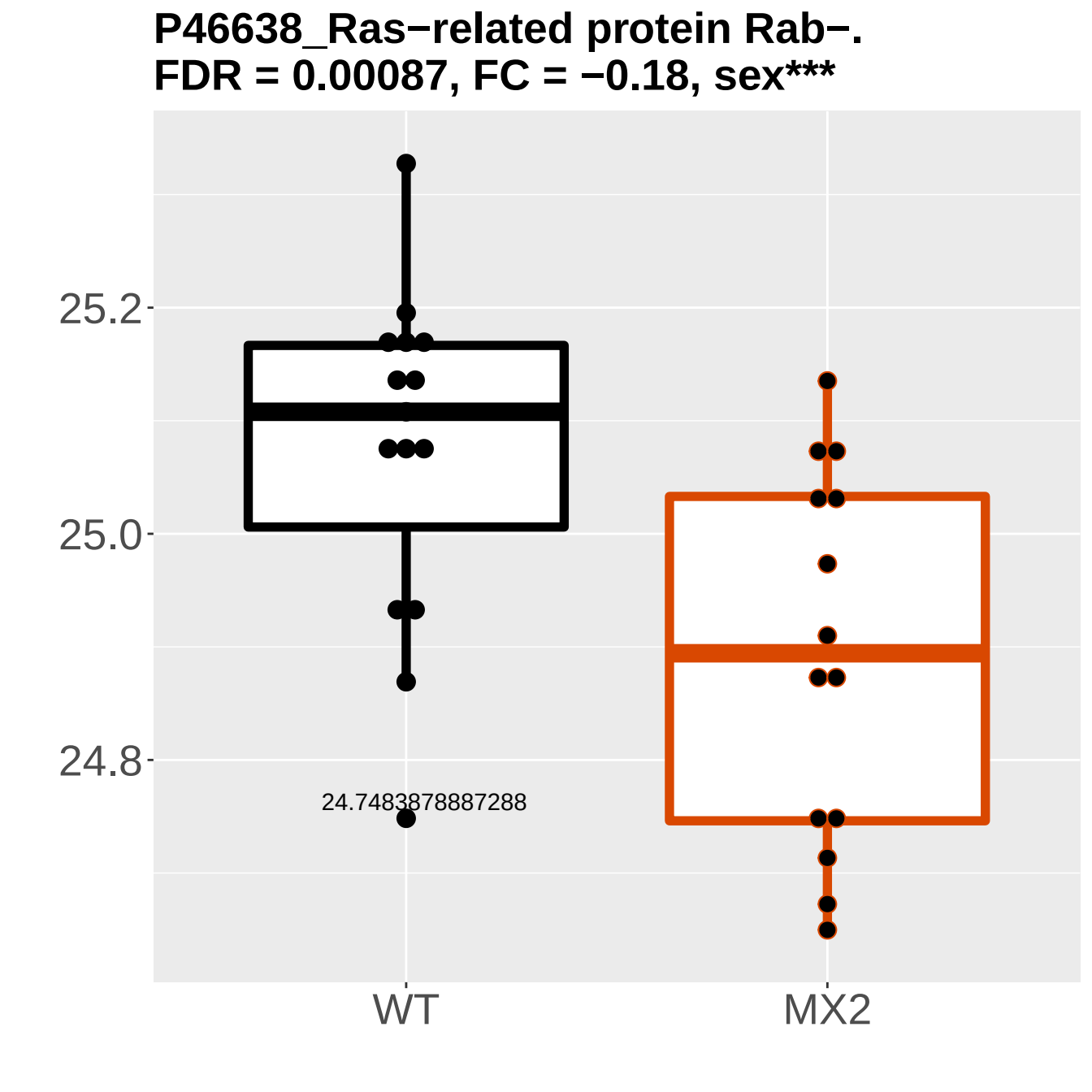

Q6P3D0_U8 snoRNA−decapping enzy.
FDR = 0.00065, FC = −0.42, sex***
20.5
20.0
19.5
19.0
WT
MX2

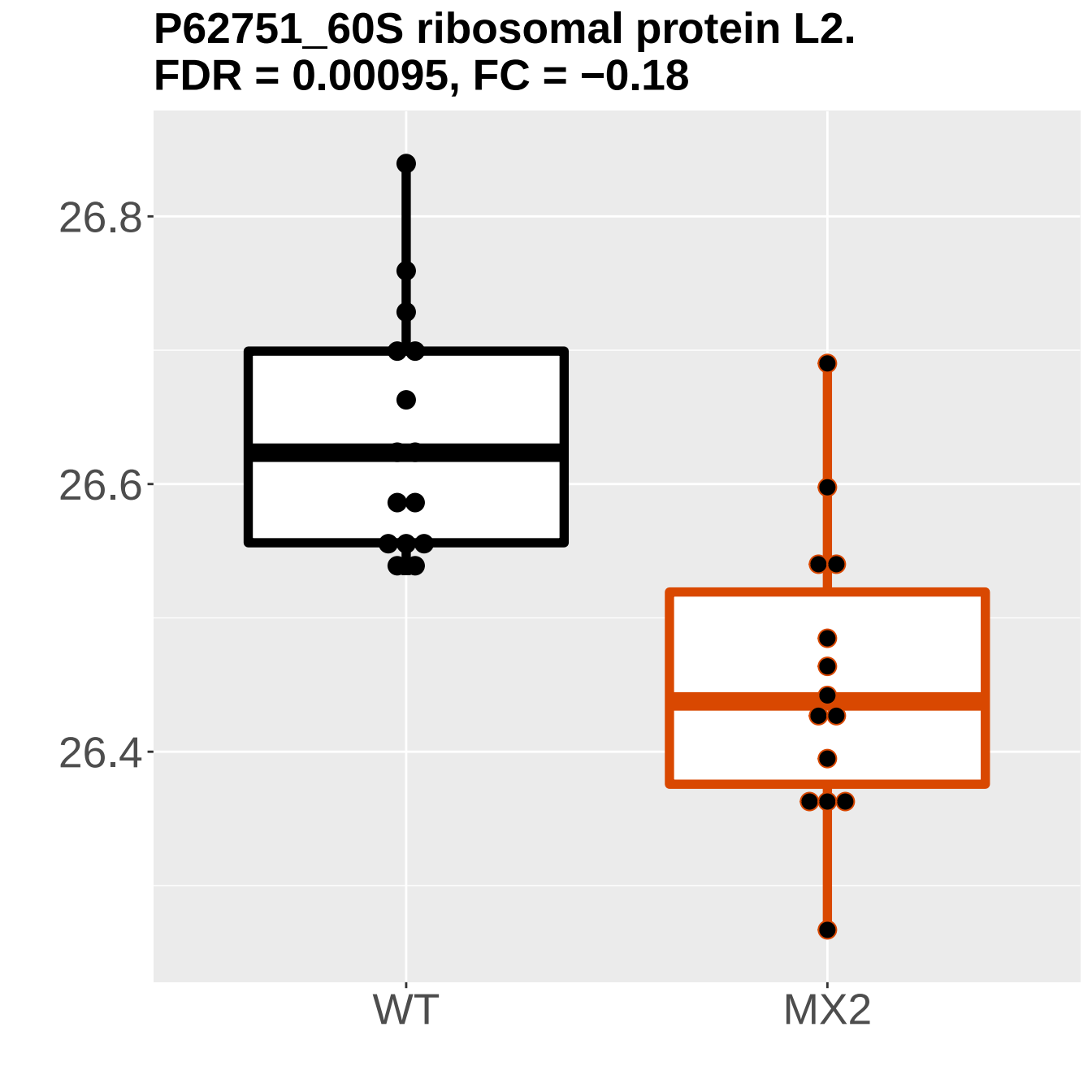

P62830_60S ribosomal protein L23
FDR = 0.00071, FC = −0.2
26.4646223992491
26.1444334202897
26.4
26.2
26.0
25.8
WT
MX2

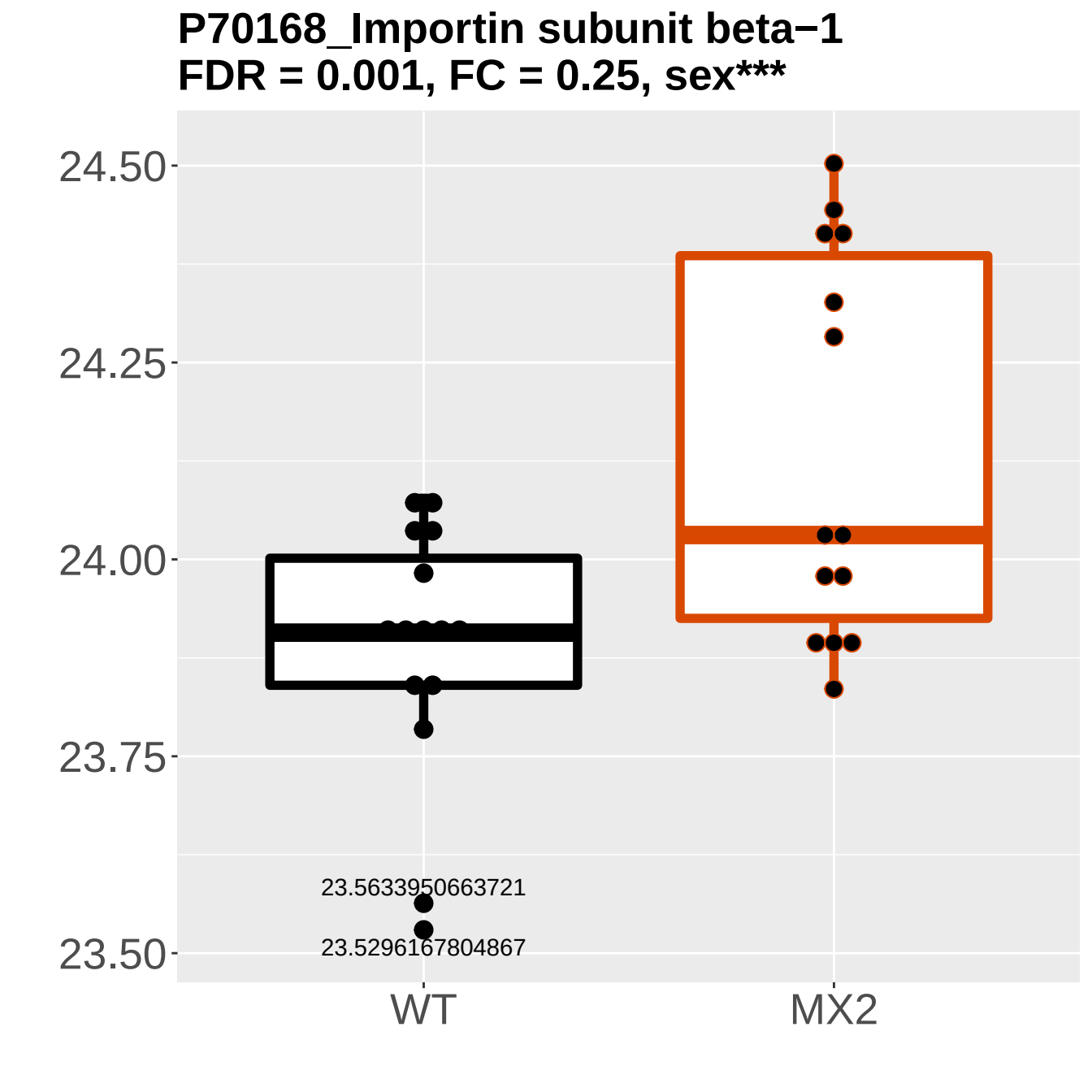

Q8R1V4_Transmembrane emp24 doma.
FDR = 0.00073, FC = −0.29, sex*
23.50
23.25
23.00
22.75
22.50
WT
MX2

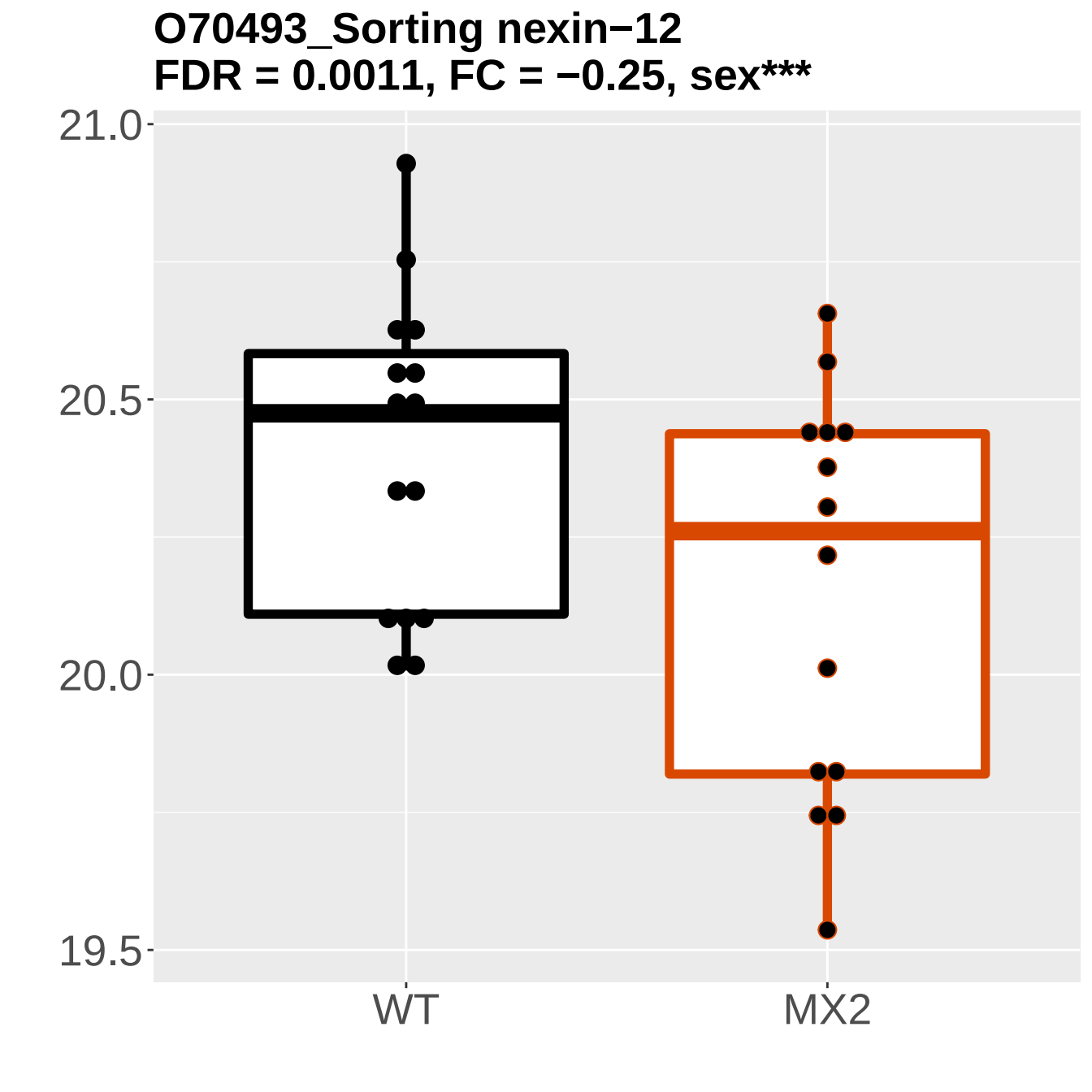

Q9DCQ2_Putative L−aspartate deh.
FDR = 0.00075, FC = −0.19, sex***
27.2
27.0
26.8
26.6
26.4
WT
MX2

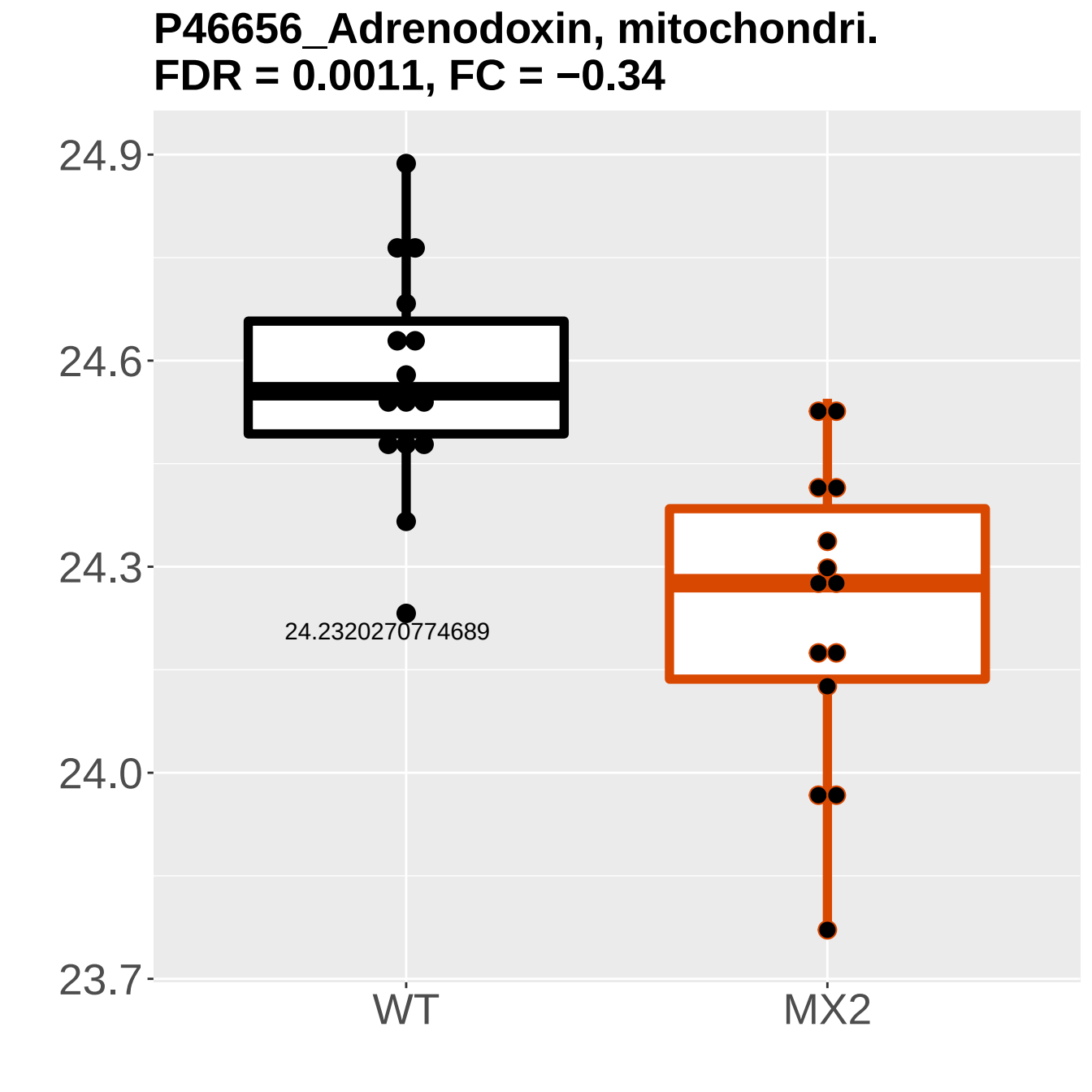

Q9CQZ6_NADH dehydrogenase [ubiq.
FDR = 0.00079, FC = −0.33
23.6
23.4
23.2
23.0
22.8
22.6
23.5604352310989
23.5321090406635
WT
MX2

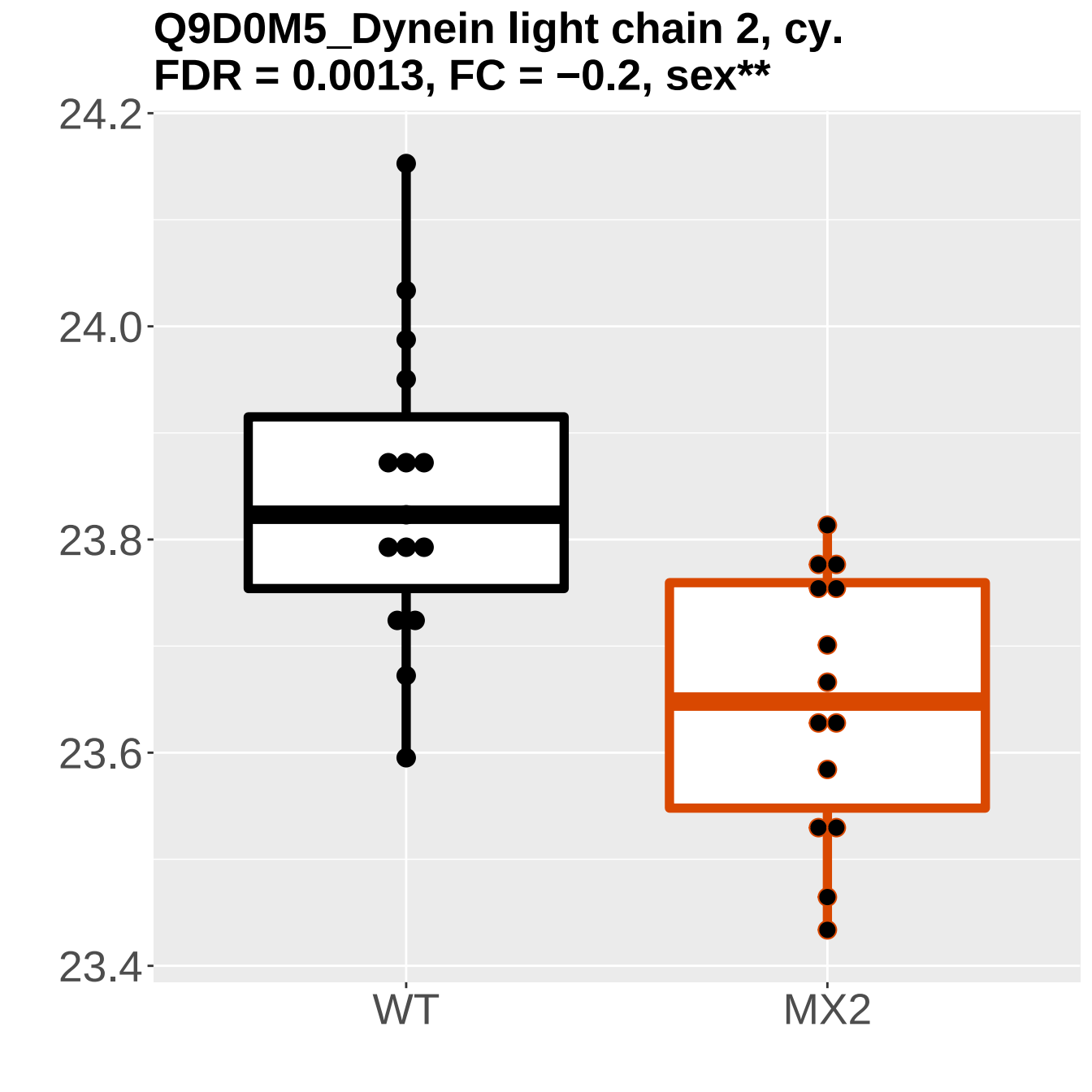

P46638_Ras−related protein Rab−.
FDR = 0.00087, FC = −0.18, sex***
25.2
25.0
24.8
24.7483878887288
WT
MX2

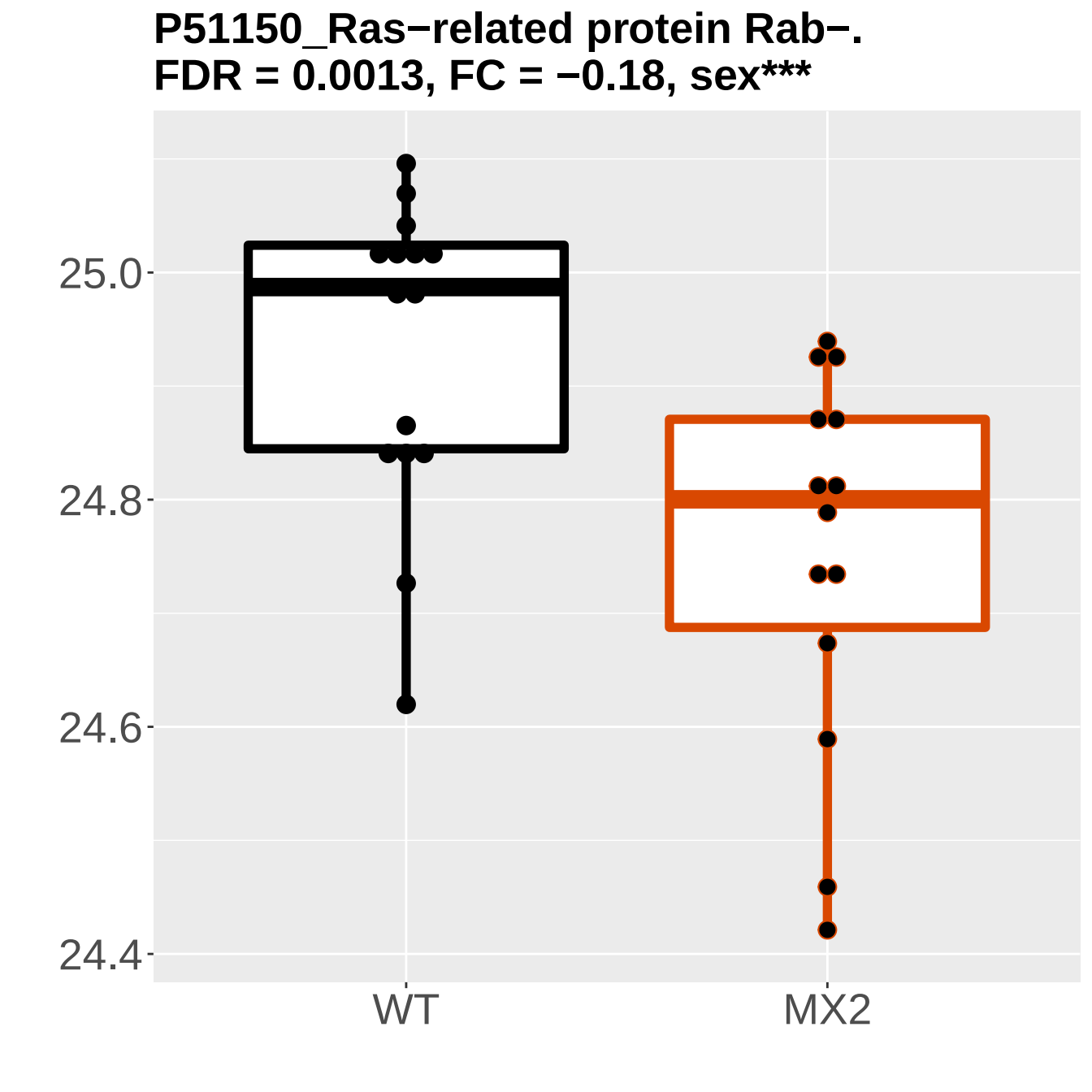

P62751_60S ribosomal protein L2.
FDR = 0.00095, FC = −0.18
26.8
26.6
26.4
WT
MX2

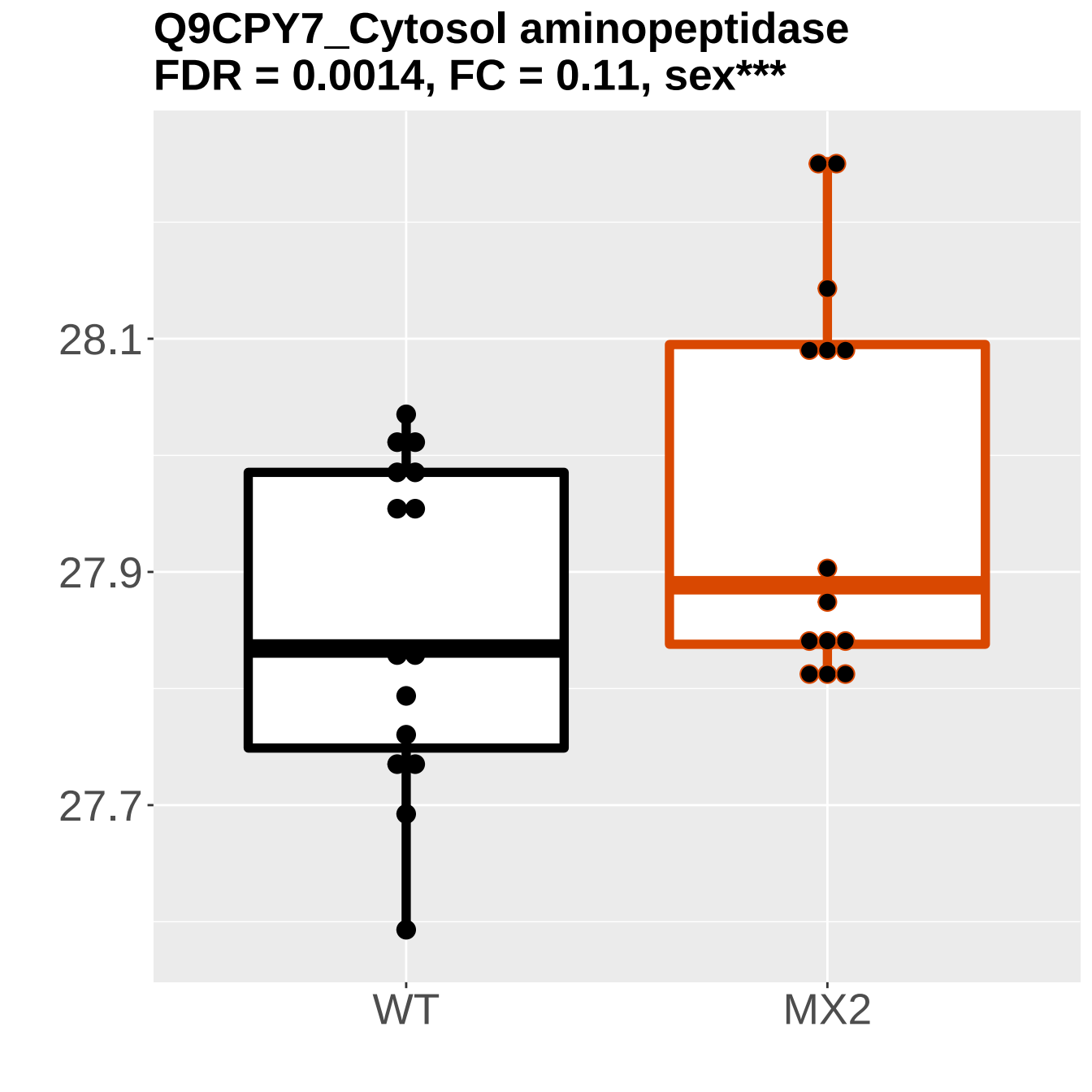

P70168_Importin subunit beta−1
FDR = 0.001, FC = 0.25, sex***
24.50
24.25
24.00
23.75
23.50
23.5633950663721
23.5296167804867
WT
MX2

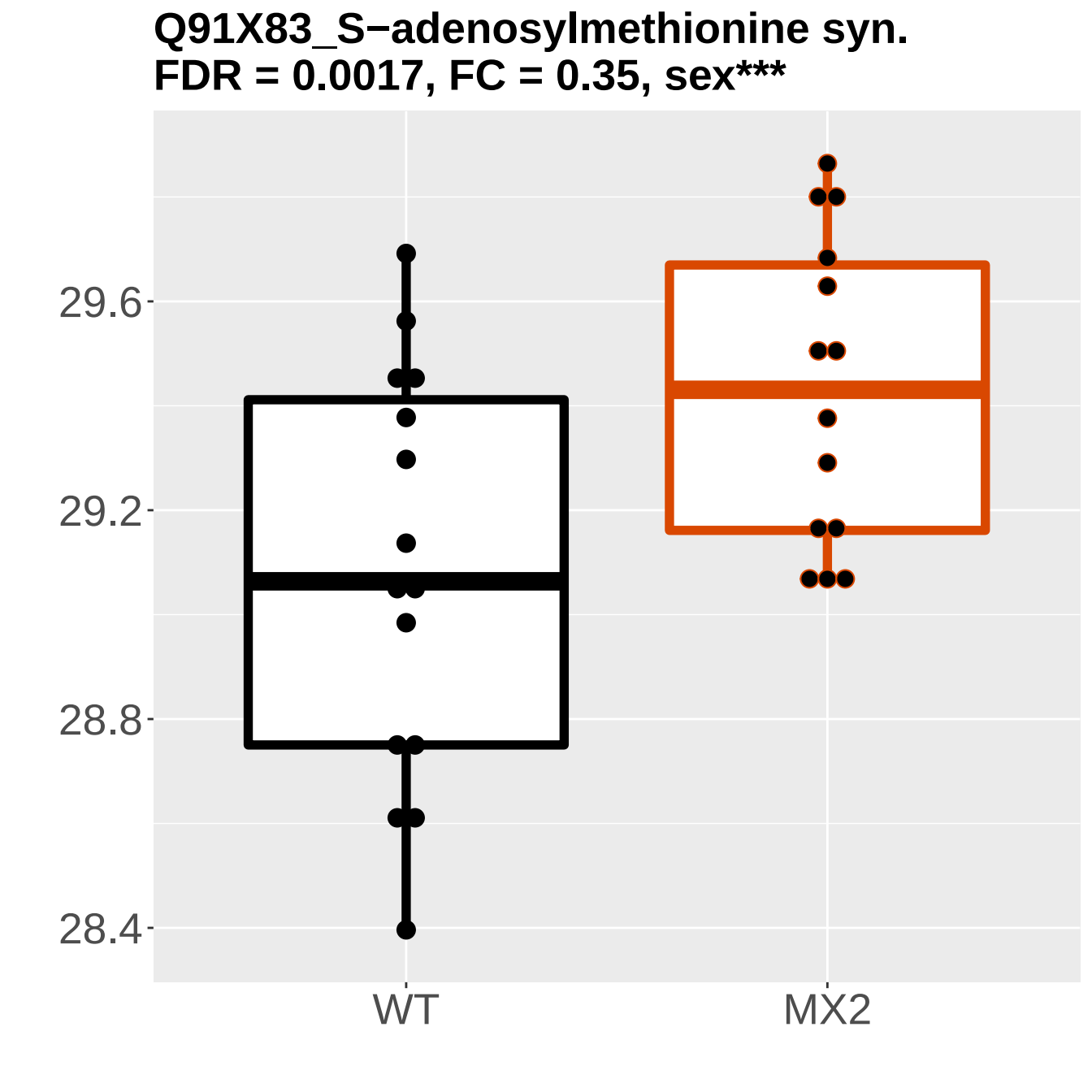

O70493_Sorting nexin−12
FDR = 0.0011, FC = −0.25, sex***
21.0
20.5
20.0
19.5
WT
MX2

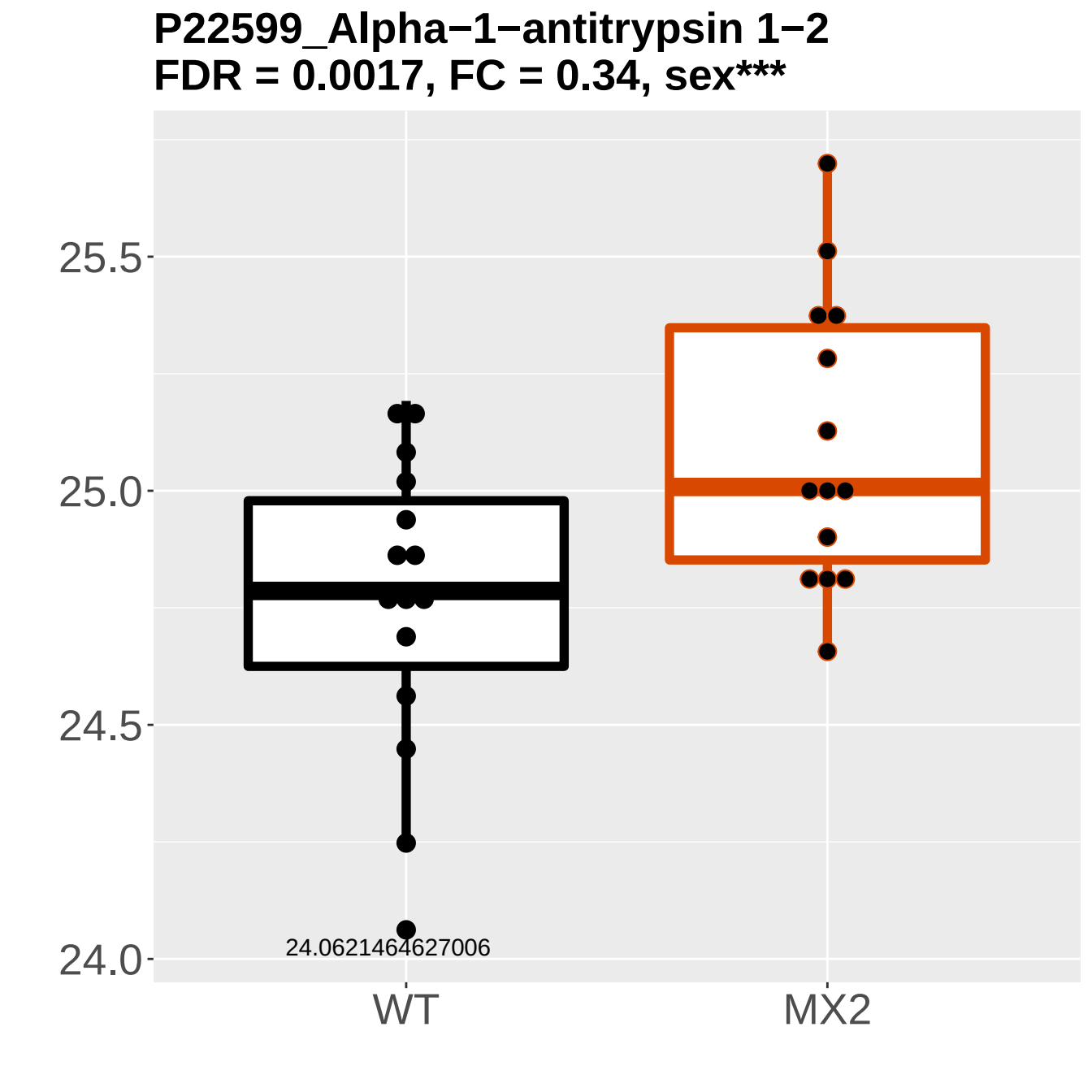

P46656_Adrenodoxin, mitochondri.
FDR = 0.0011, FC = −0.34
24.9
24.6
24.3
24.0
23.7
24.2320270774689
WT
MX2

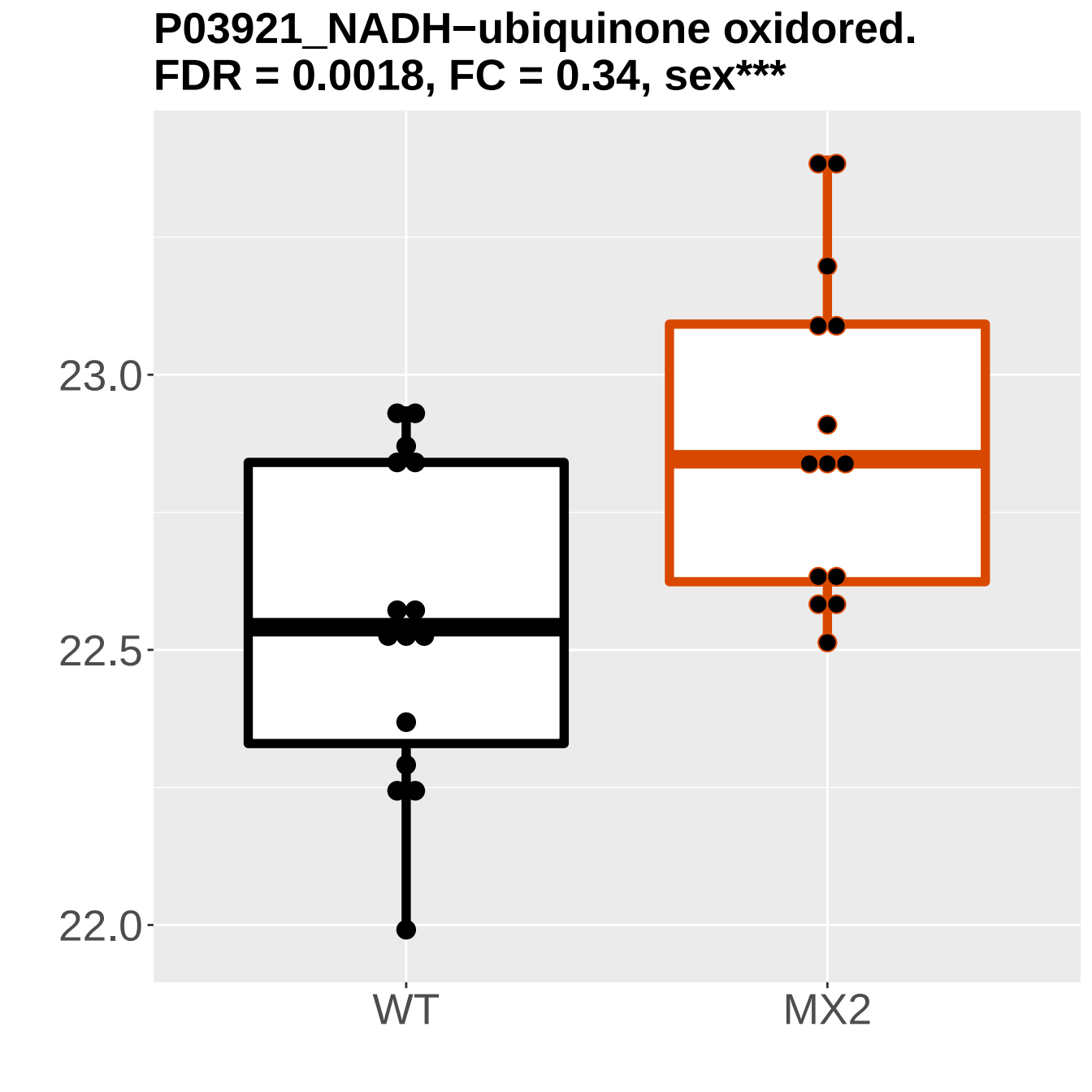

Q9D0M5_Dynein light chain 2, cy.
FDR = 0.0013, FC = −0.2, sex**
24.2
24.0
23.8
23.6
23.4
WT
MX2

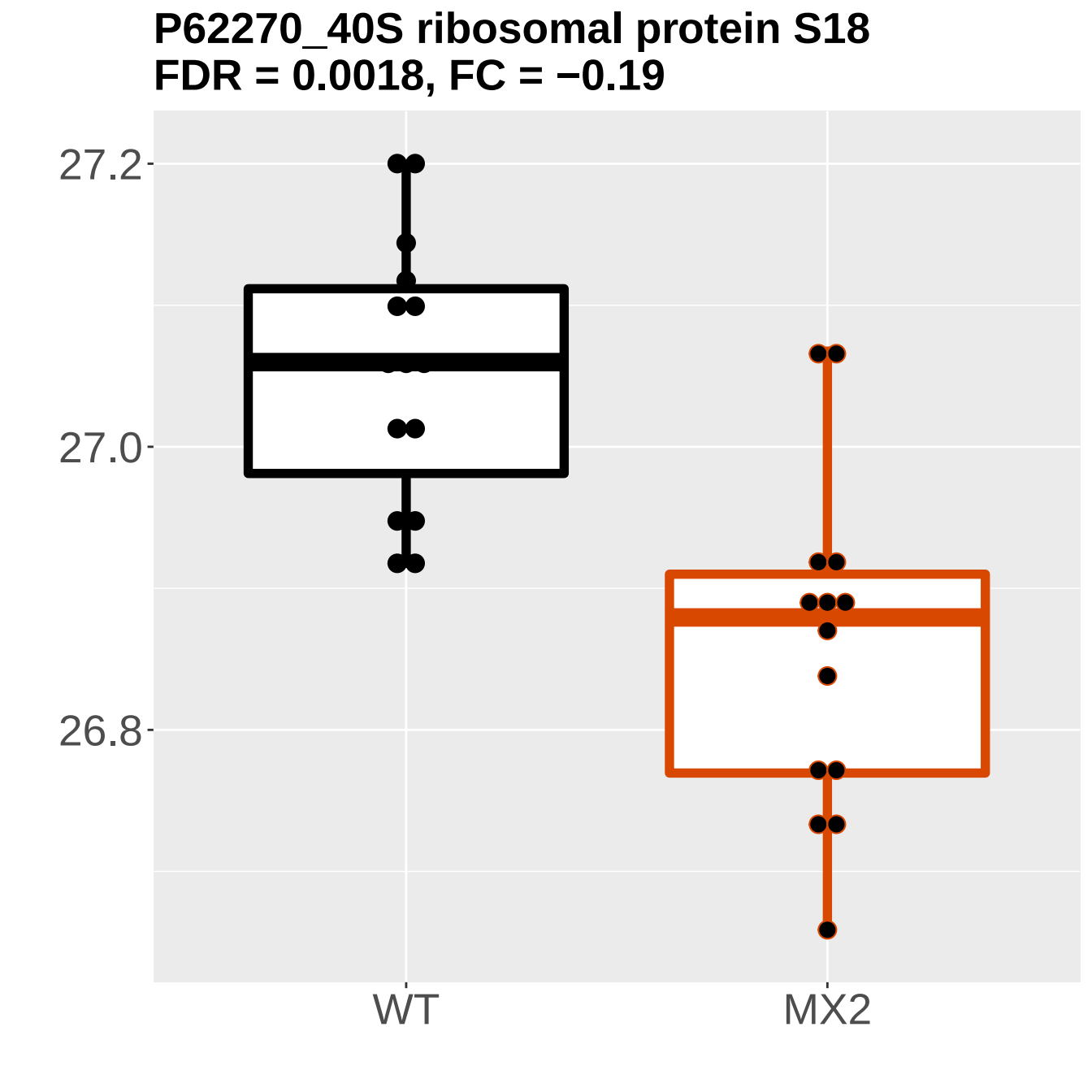

P51150_Ras−related protein Rab−.
FDR = 0.0013, FC = −0.18, sex***
25.0
24.8
24.6
24.4
WT
MX2

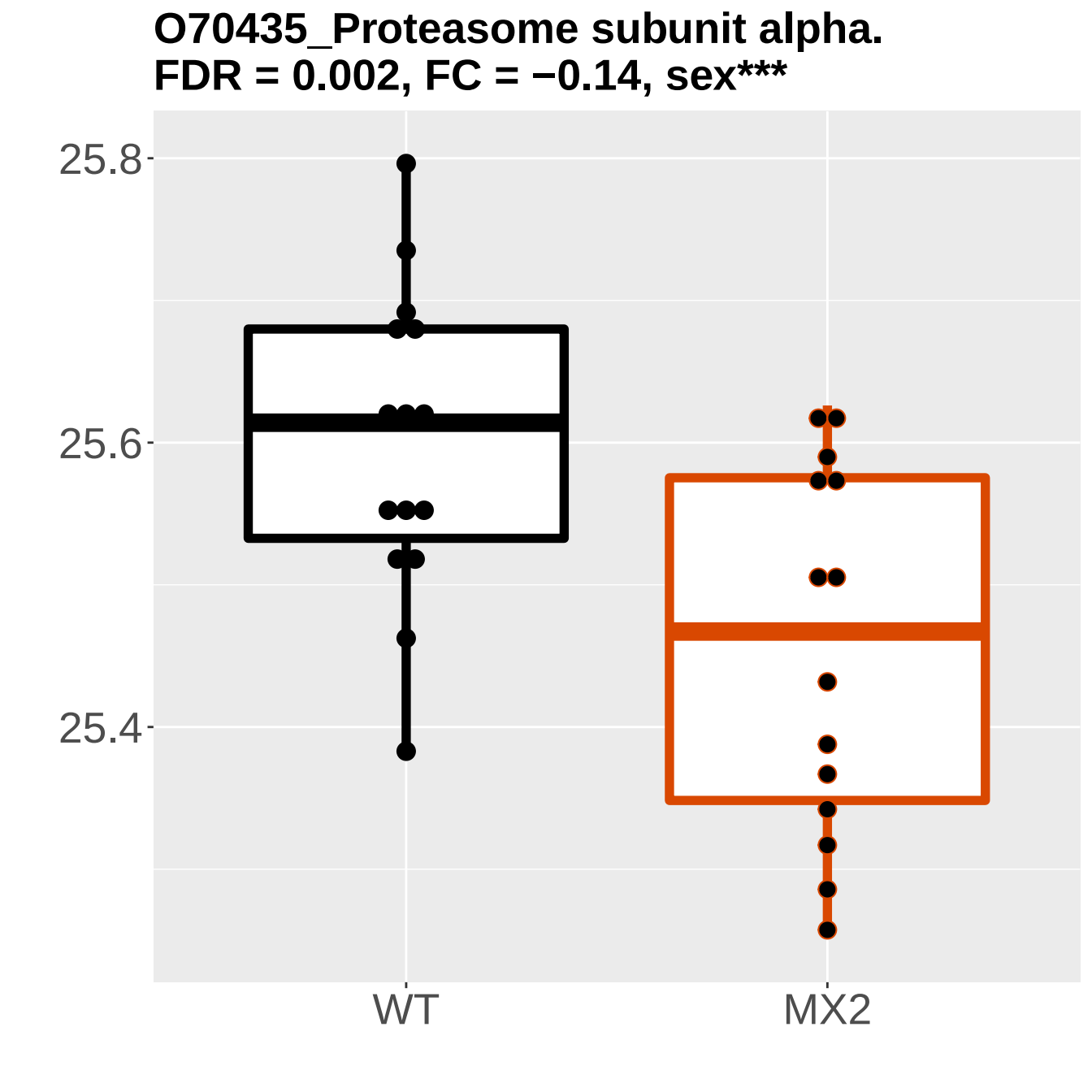

Q9CPY7_Cytosol aminopeptidase
FDR = 0.0014, FC = 0.11, sex***
28.1
27.9
27.7
WT
MX2

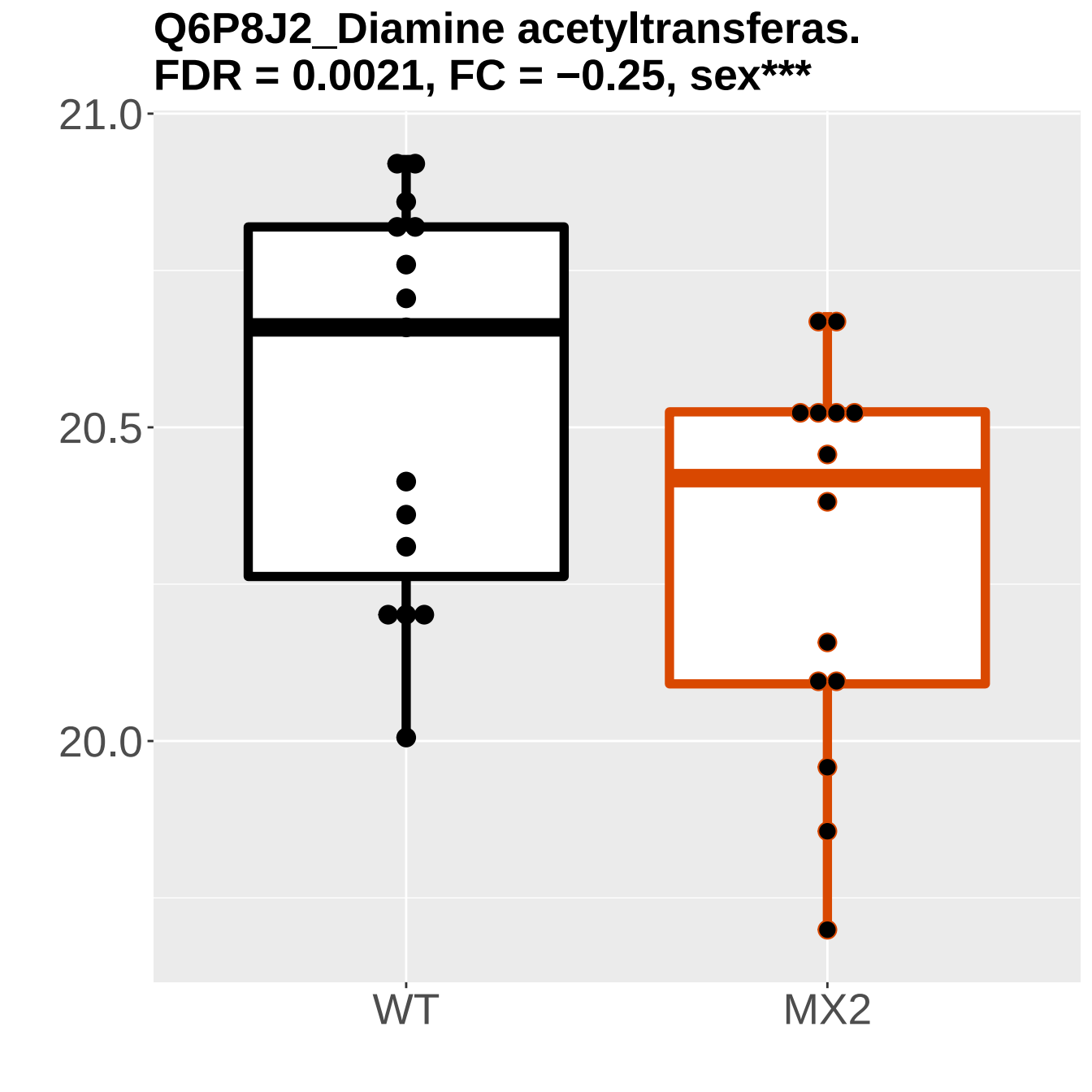

Q91X83_S−adenosylmethionine syn.
FDR = 0.0017, FC = 0.35, sex***
29.6
29.2
28.8
28.4
WT
MX2

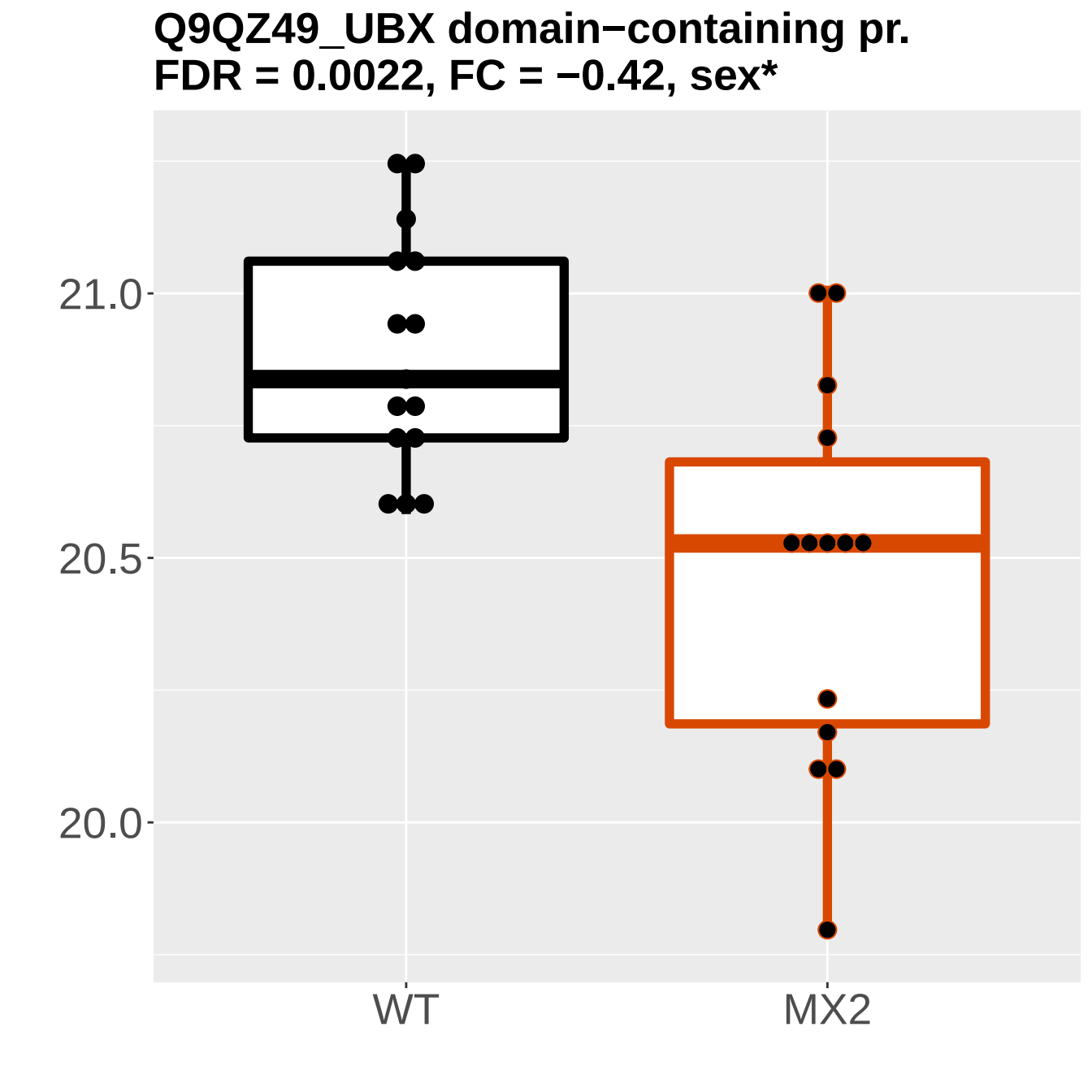

P22599_Alpha−1−antitrypsin 1−2
FDR = 0.0017, FC = 0.34, sex***
25.5
25.0
24.5
24.0
24.0621464627006
WT
MX2

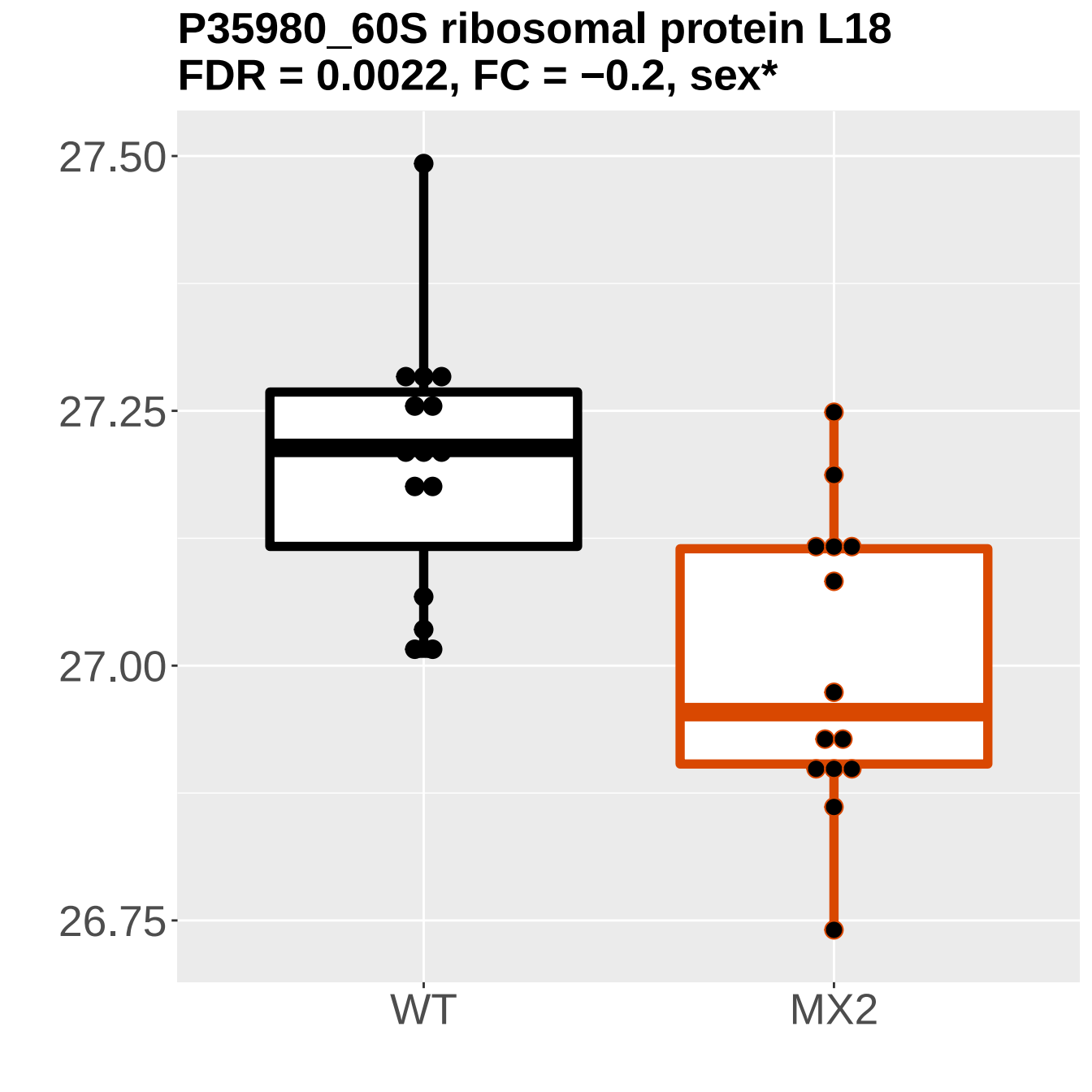

P03921_NADH−ubiquinone oxidored.
FDR = 0.0018, FC = 0.34, sex***
23.0
22.5
22.0
WT
MX2

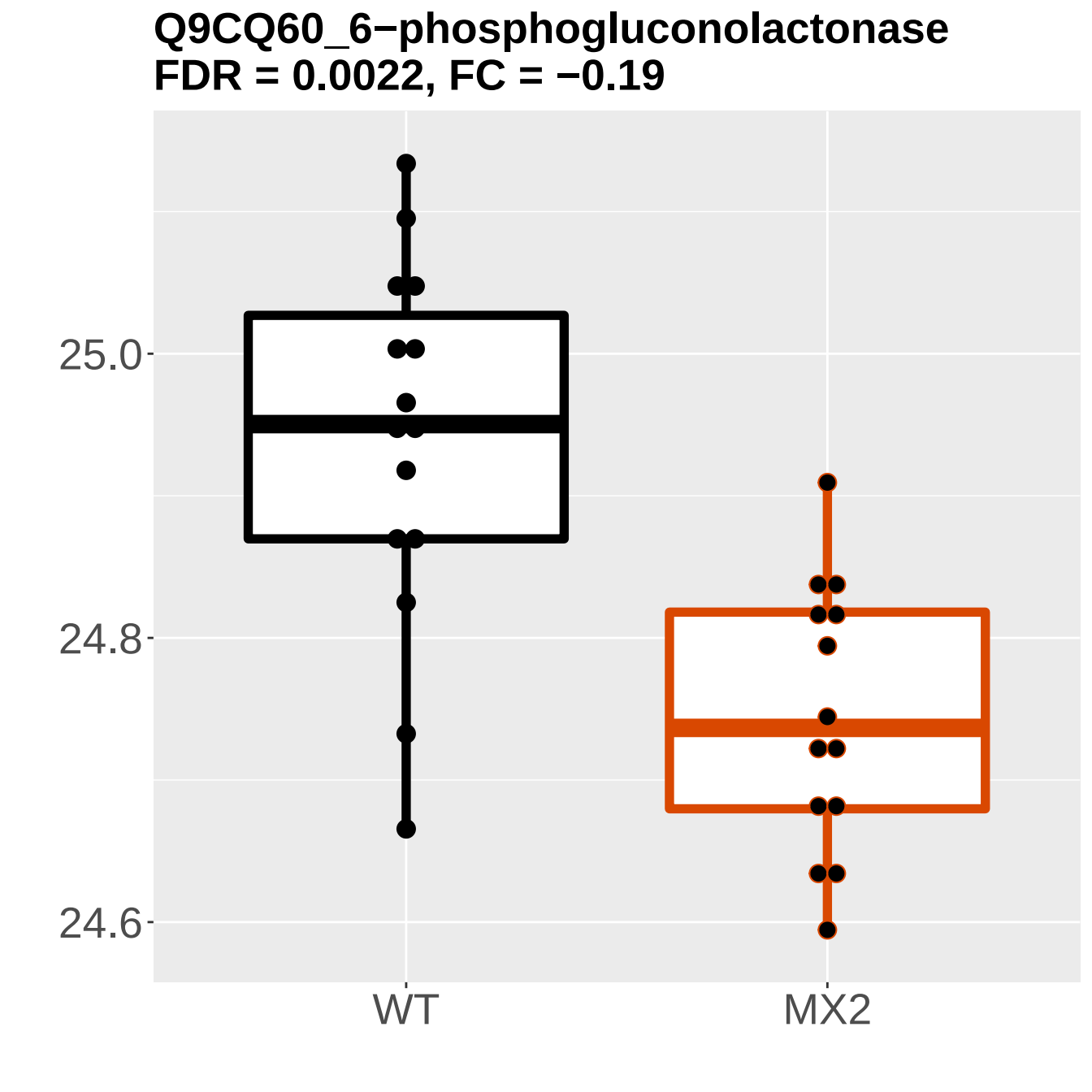

P62270_40S ribosomal protein S18
FDR = 0.0018, FC = −0.19
27.2
27.0
26.8
WT
MX2

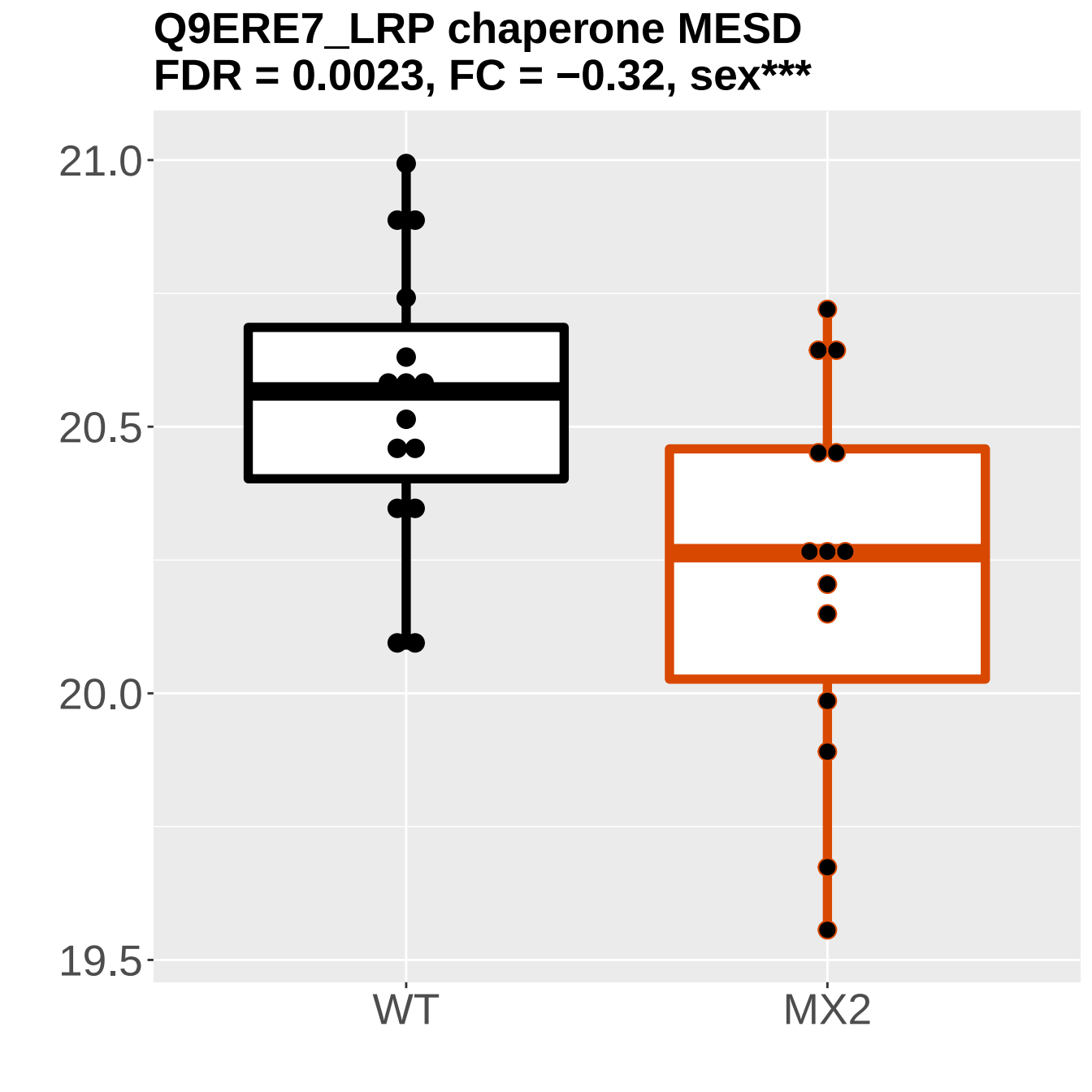

O70435_Proteasome subunit alpha.
FDR = 0.002, FC = −0.14, sex***
25.8
25.6
25.4
WT
MX2

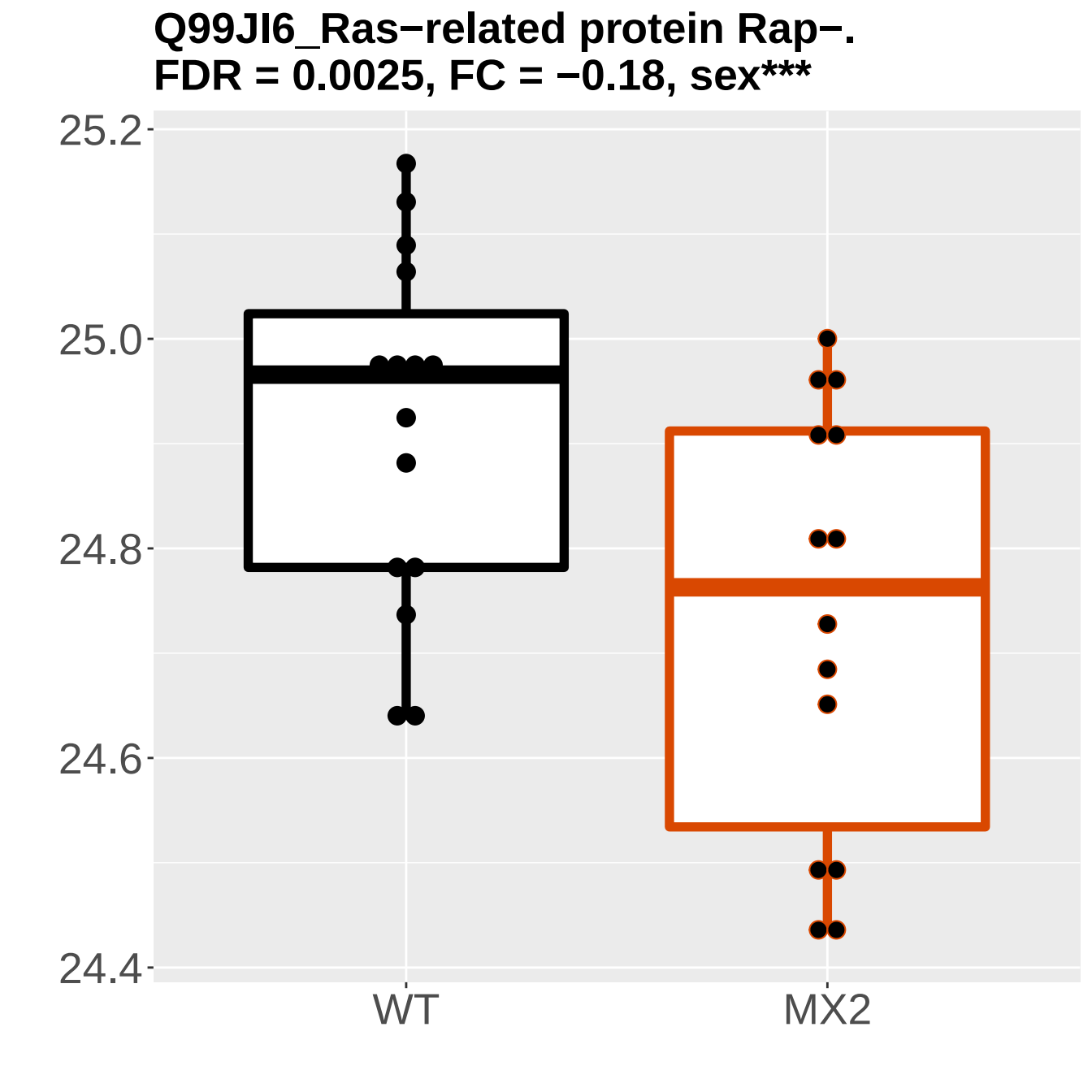

Q6P8J2_Diamine acetyltransferas.
FDR = 0.0021, FC = −0.25, sex***
21.0
20.5
20.0
WT
MX2

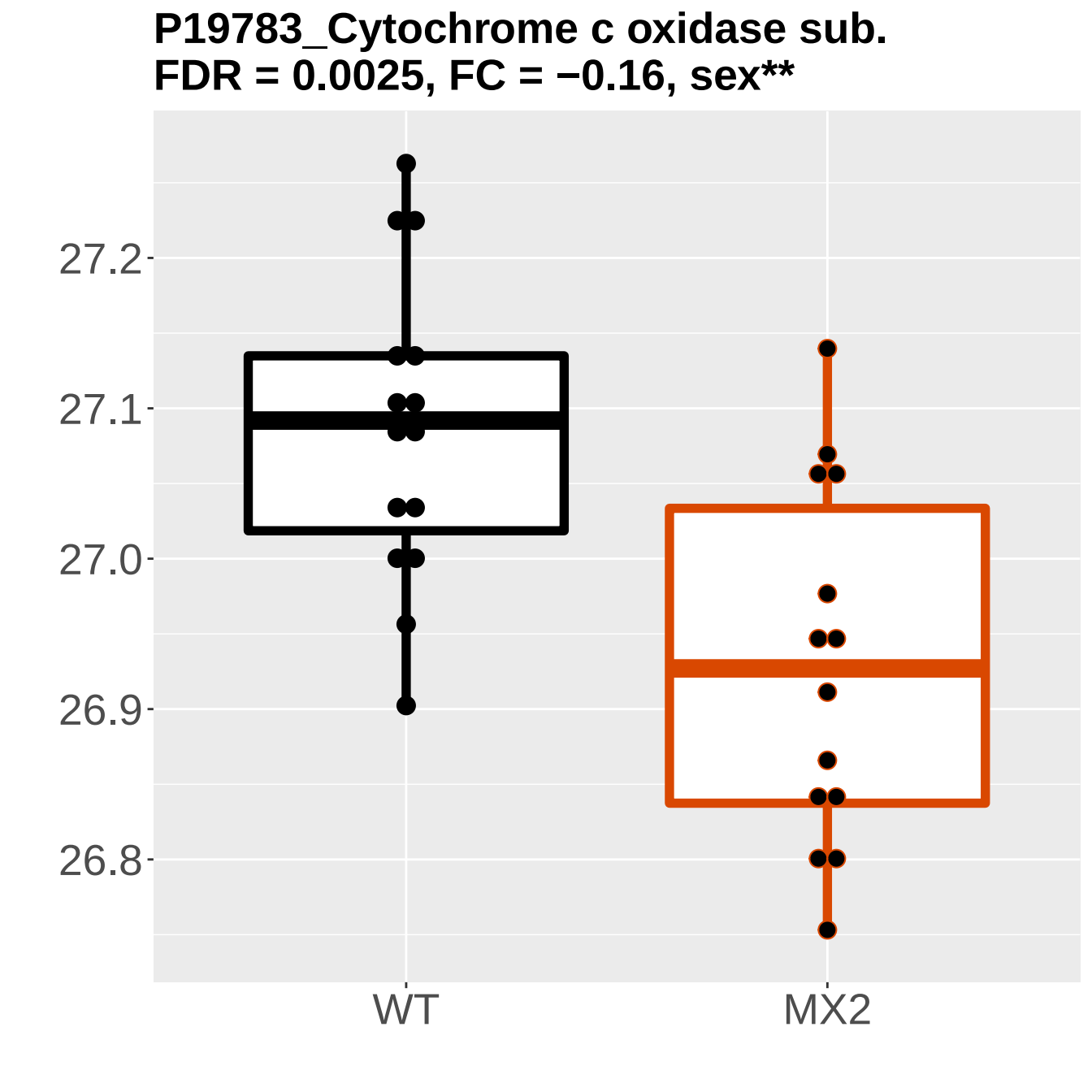

Q9QZ49_UBX domain−containing pr.
FDR = 0.0022, FC = −0.42, sex*
21.0
20.5
20.0
WT
MX2

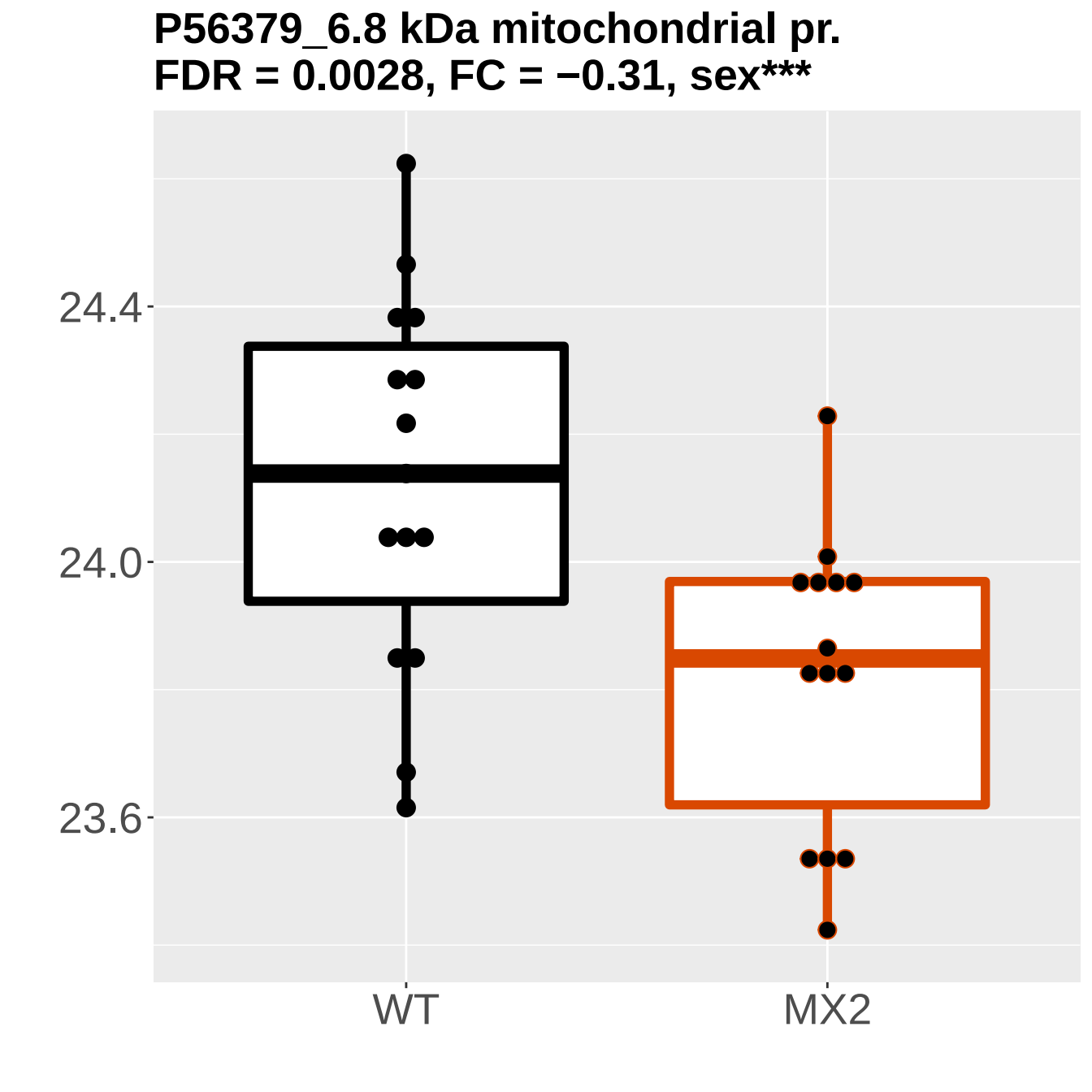

P35980_60S ribosomal protein L18
FDR = 0.0022, FC = −0.2, sex*
27.50
27.25
27.00
26.75
WT
MX2

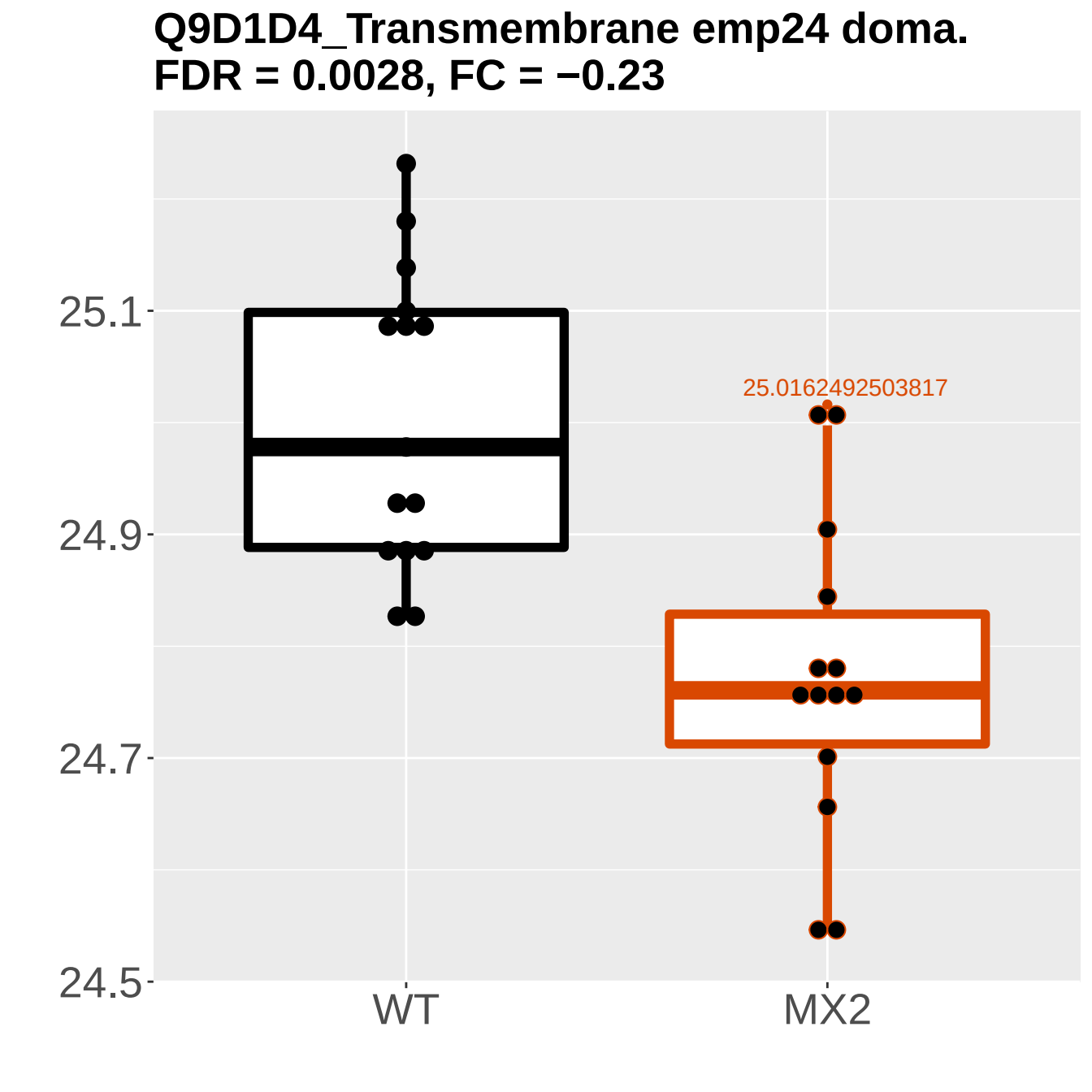

Q9CQ60_6−phosphogluconolactonase
FDR = 0.0022, FC = −0.19
25.0
24.8
24.6
WT
MX2

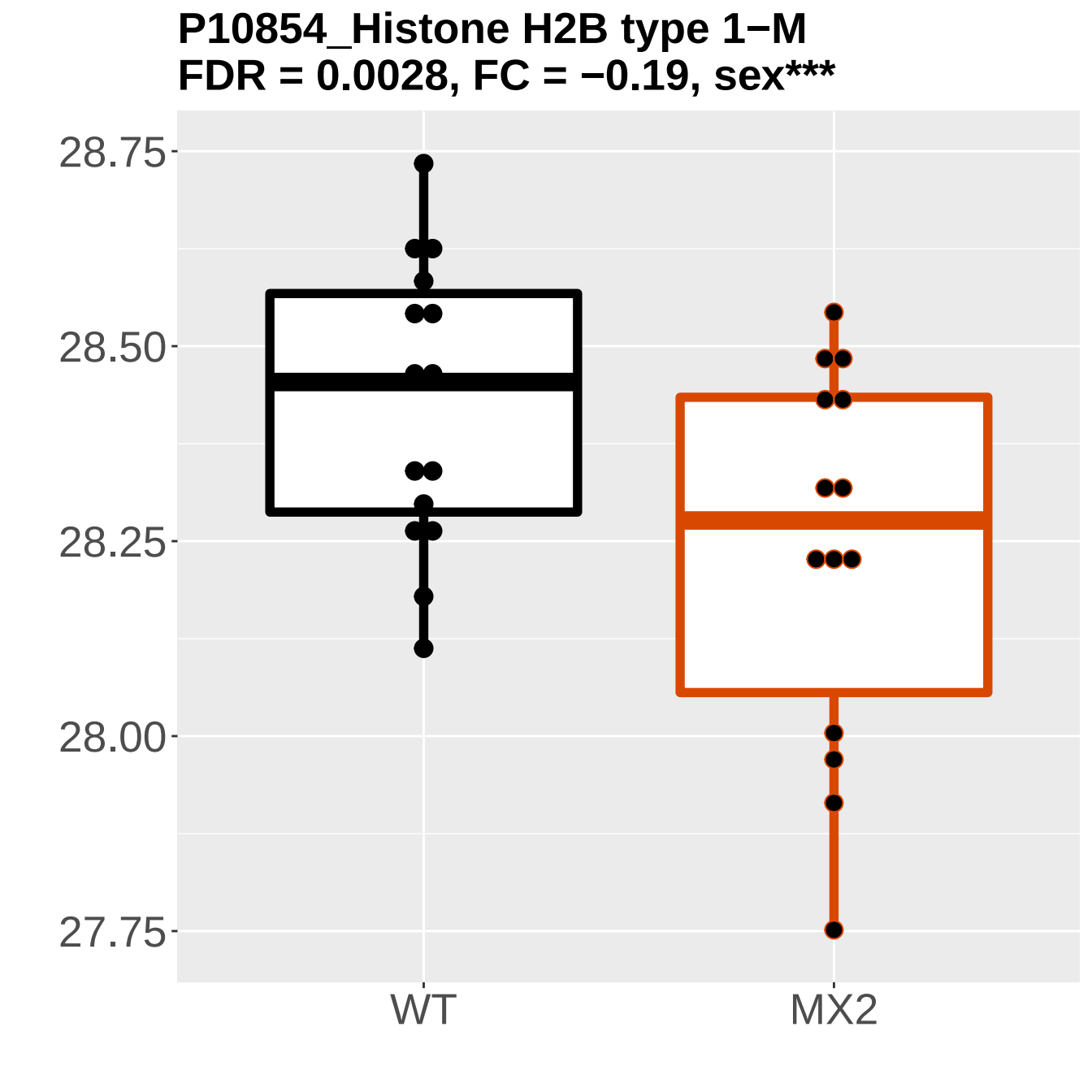

Q9ERE7_LRP chaperone MESD
FDR = 0.0023, FC = −0.32, sex***
21.0
20.5
20.0
19.5
WT
MX2

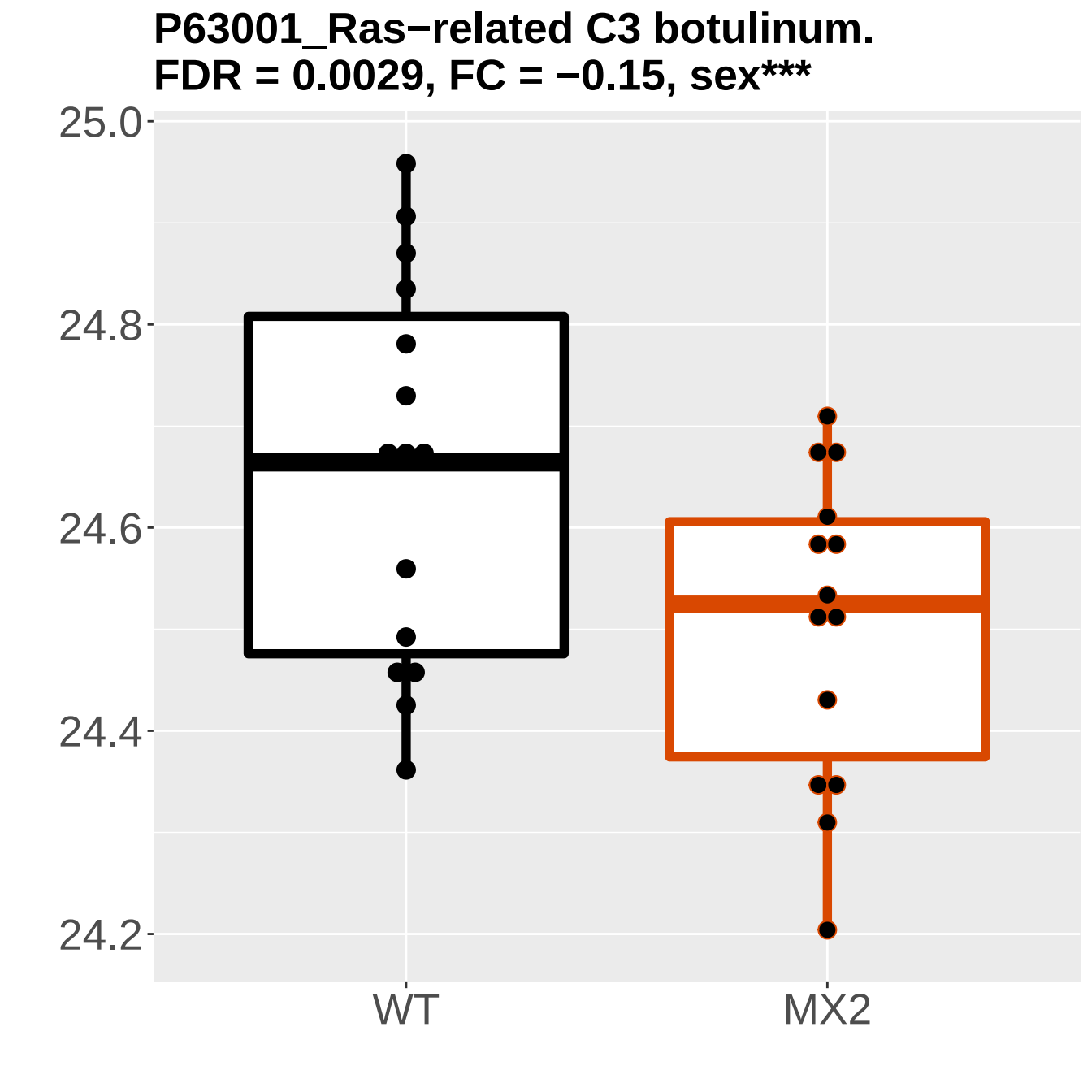

Q99JI6_Ras−related protein Rap−.
FDR = 0.0025, FC = −0.18, sex***
25.2
25.0
24.8
24.6
24.4
WT
MX2

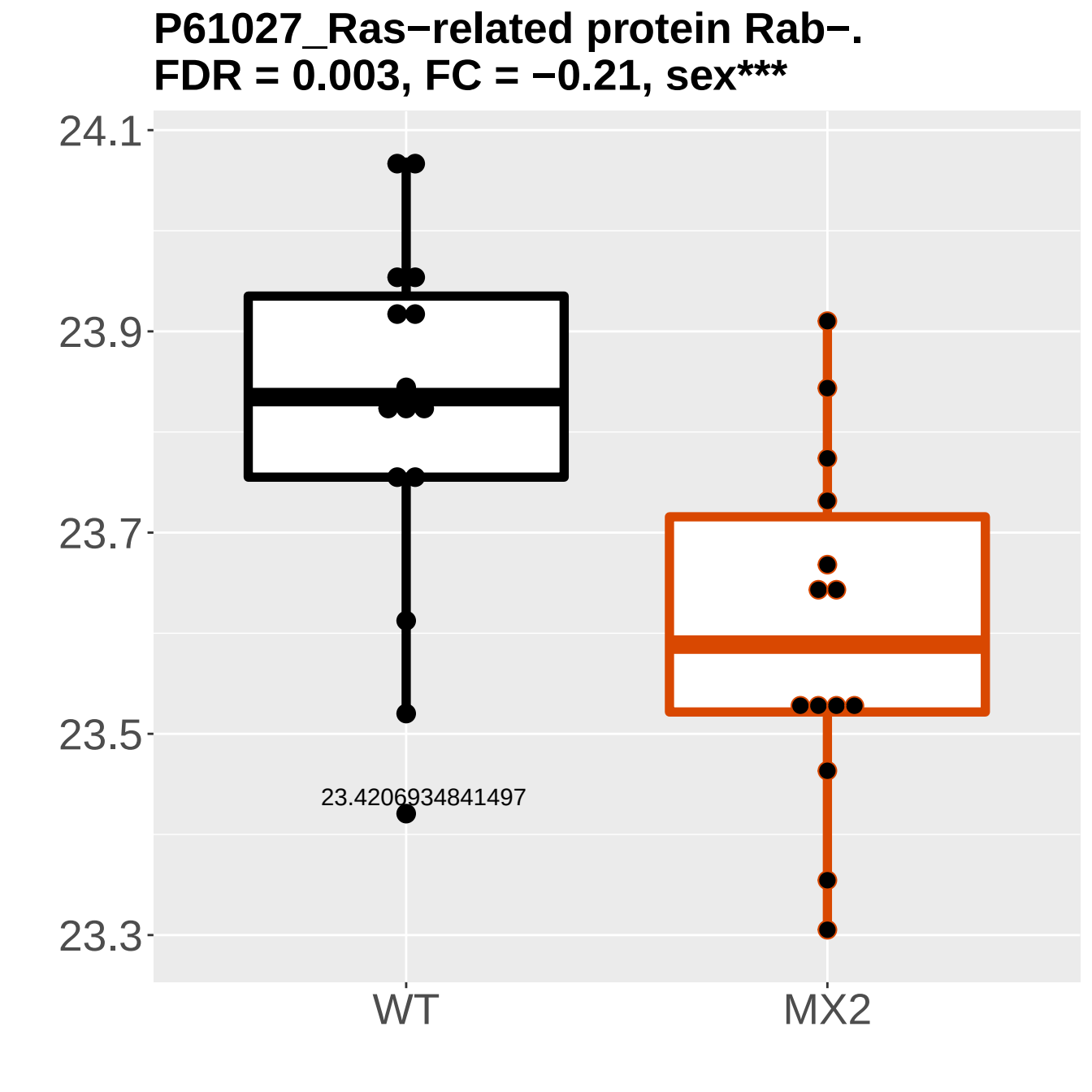

P19783_Cytochrome c oxidase sub.
FDR = 0.0025, FC = −0.16, sex**
27.2
27.1
27.0
26.9
26.8
WT
MX2

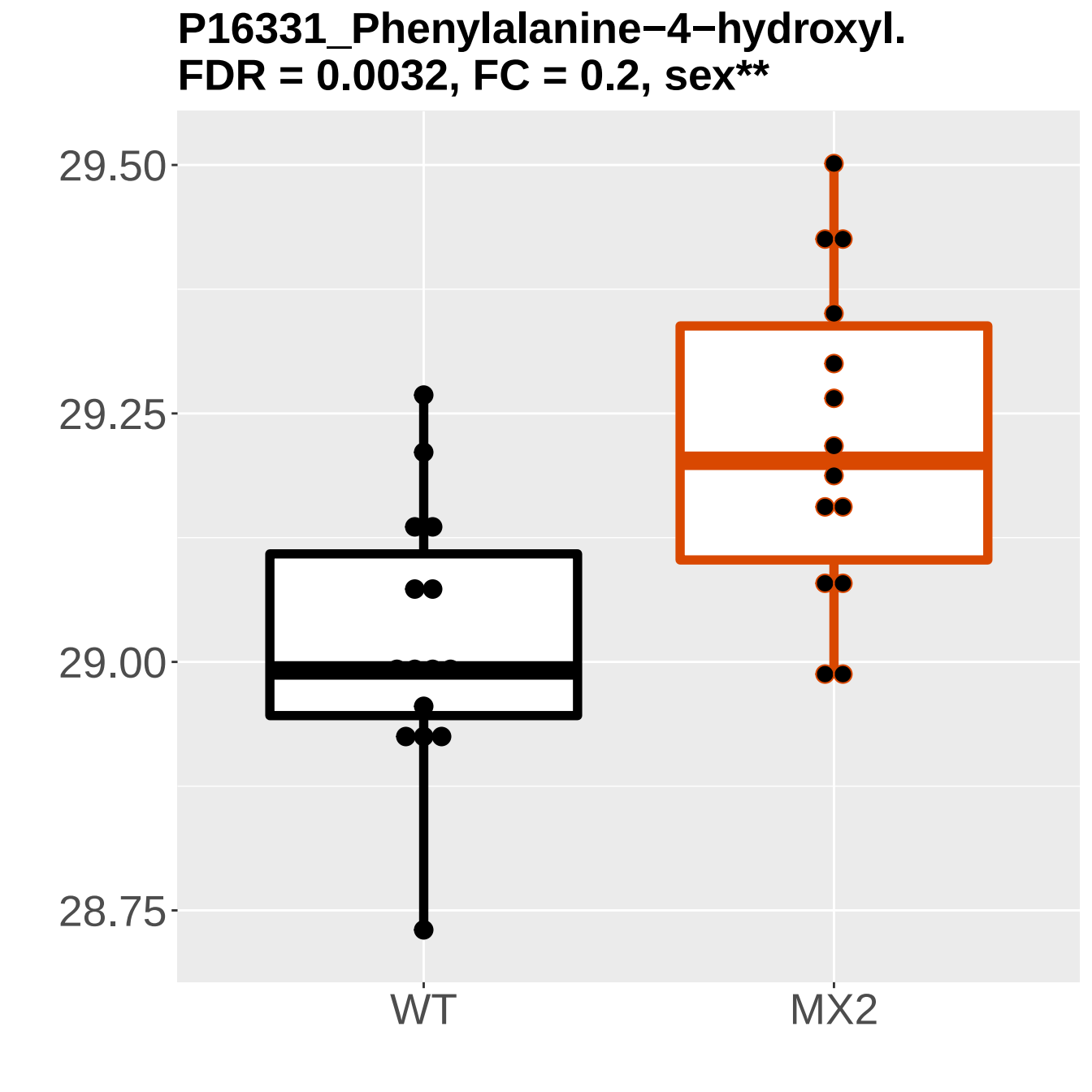

P56379_6.8 kDa mitochondrial pr.
FDR = 0.0028, FC = −0.31, sex***
24.4
24.0
23.6
WT
MX2

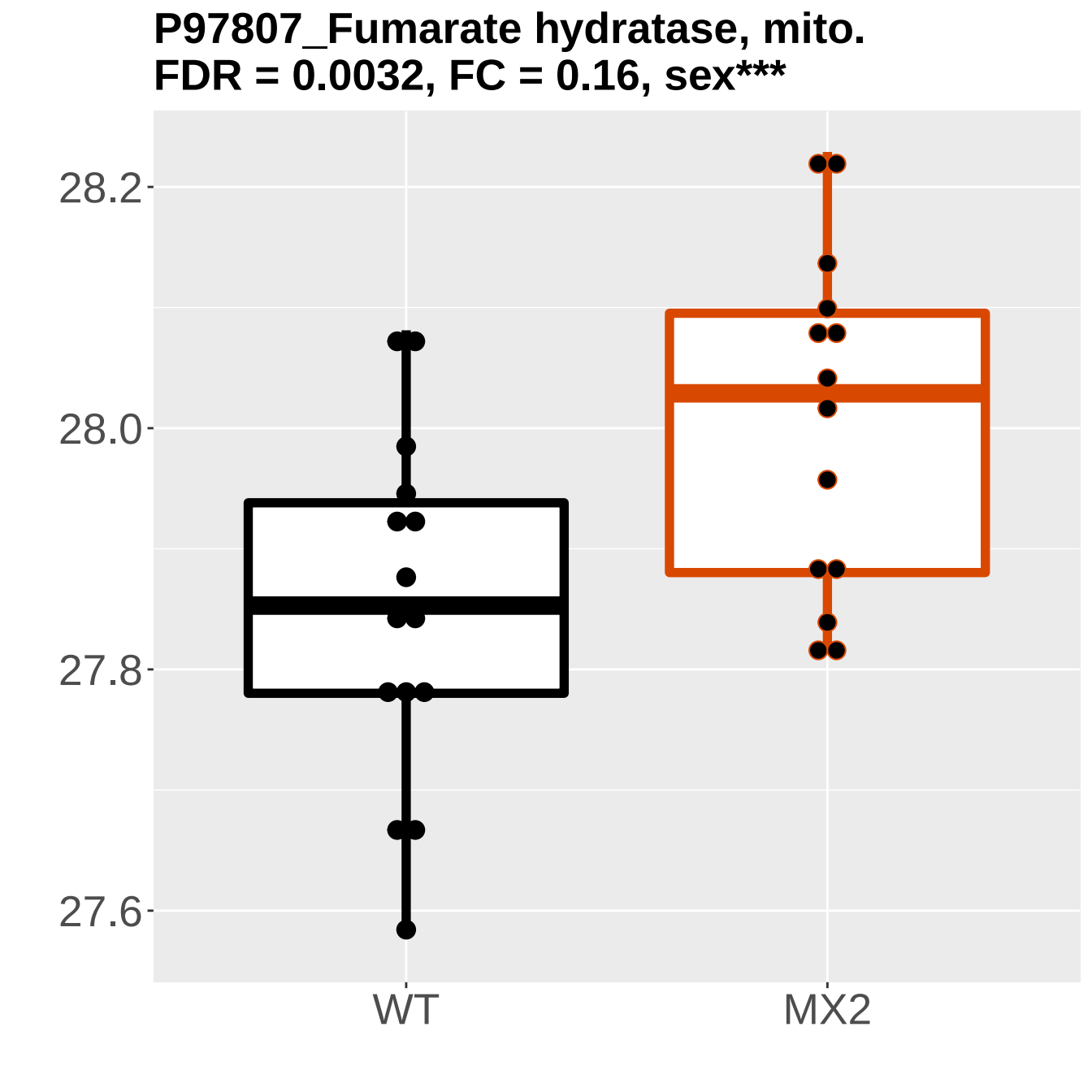

Q9D1D4_Transmembrane emp24 doma.
FDR = 0.0028, FC = −0.23
25.1
24.9
24.7
24.5
25.0162492503817
WT
MX2

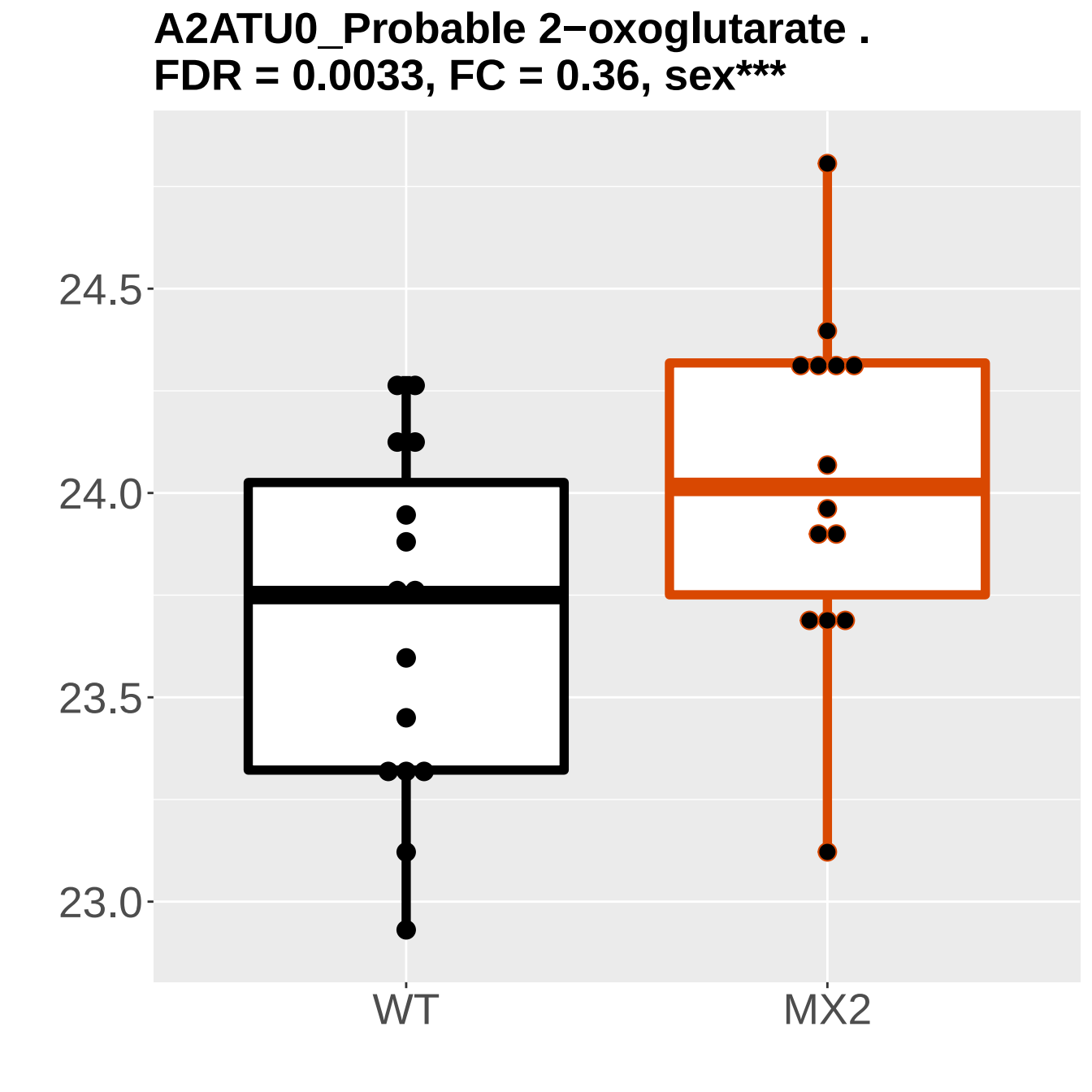

P10854_Histone H2B type 1−M
FDR = 0.0028, FC = −0.19, sex***
28.75
28.50
28.25
28.00
27.75
WT
MX2

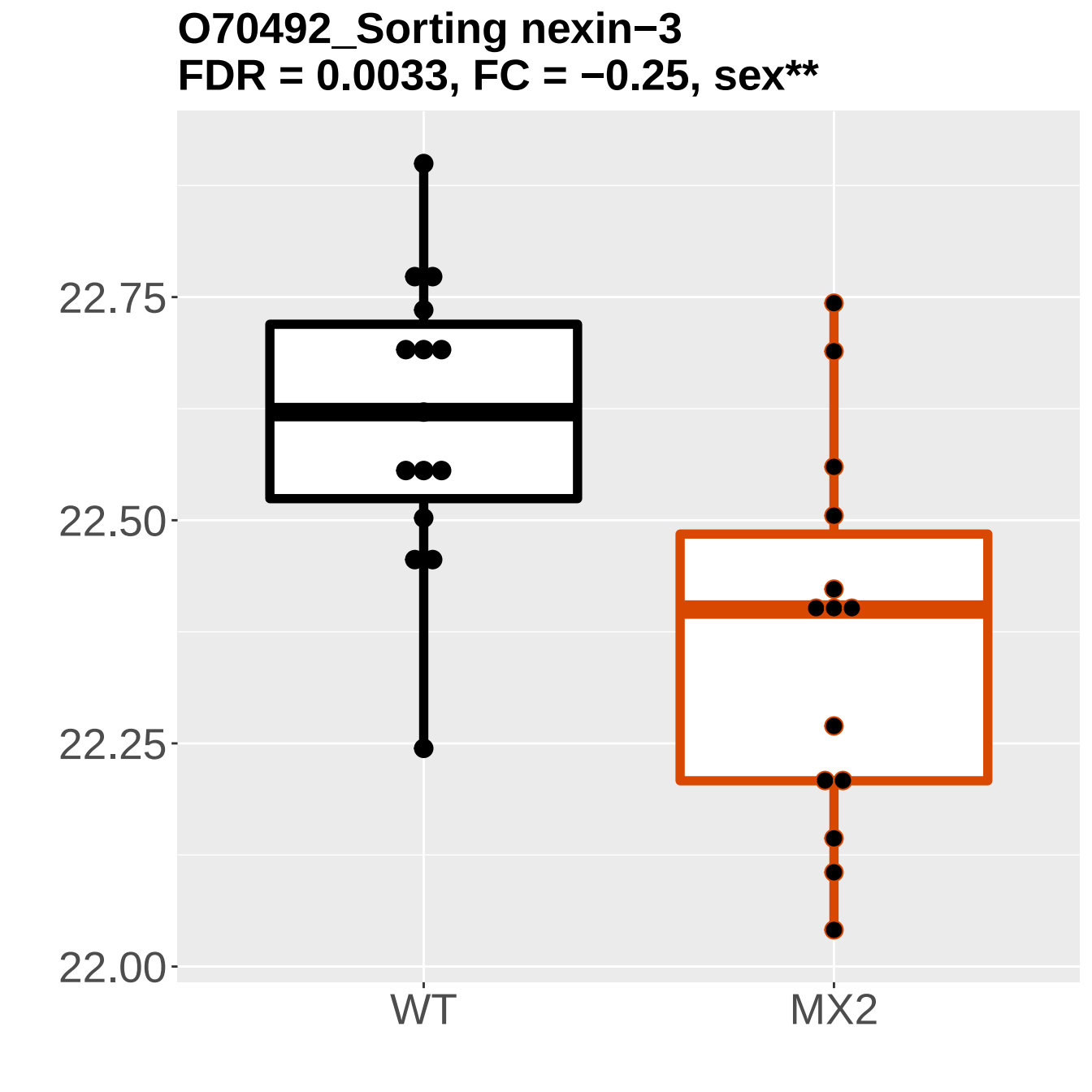

P63001_Ras−related C3 botulinum.
FDR = 0.0029, FC = −0.15, sex***
25.0
24.8
24.6
24.4
24.2
WT
MX2

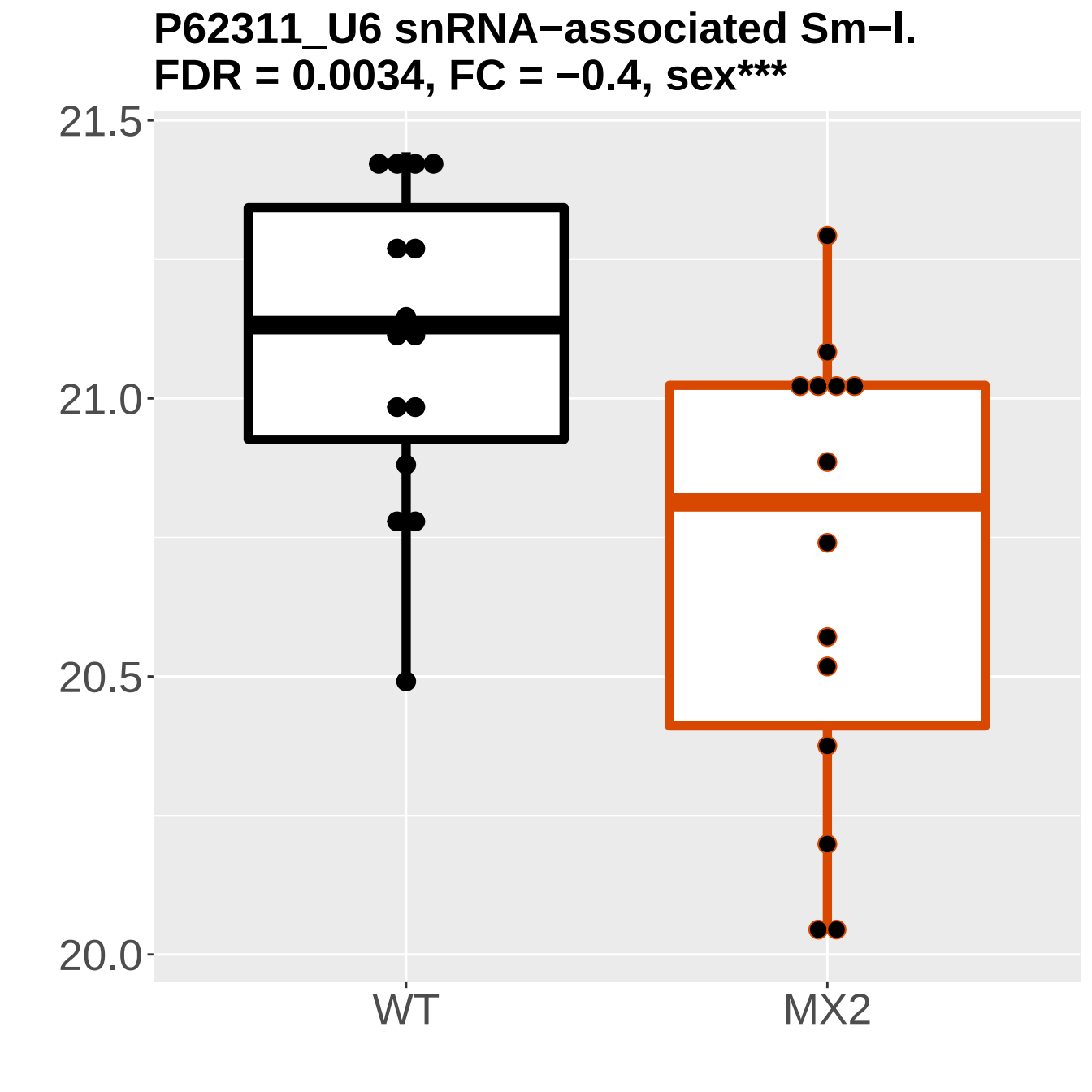

P61027_Ras−related protein Rab−.
FDR = 0.003, FC = −0.21, sex***
24.1
23.9
23.7
23.5
23.3
23.4206934841497
WT
MX2

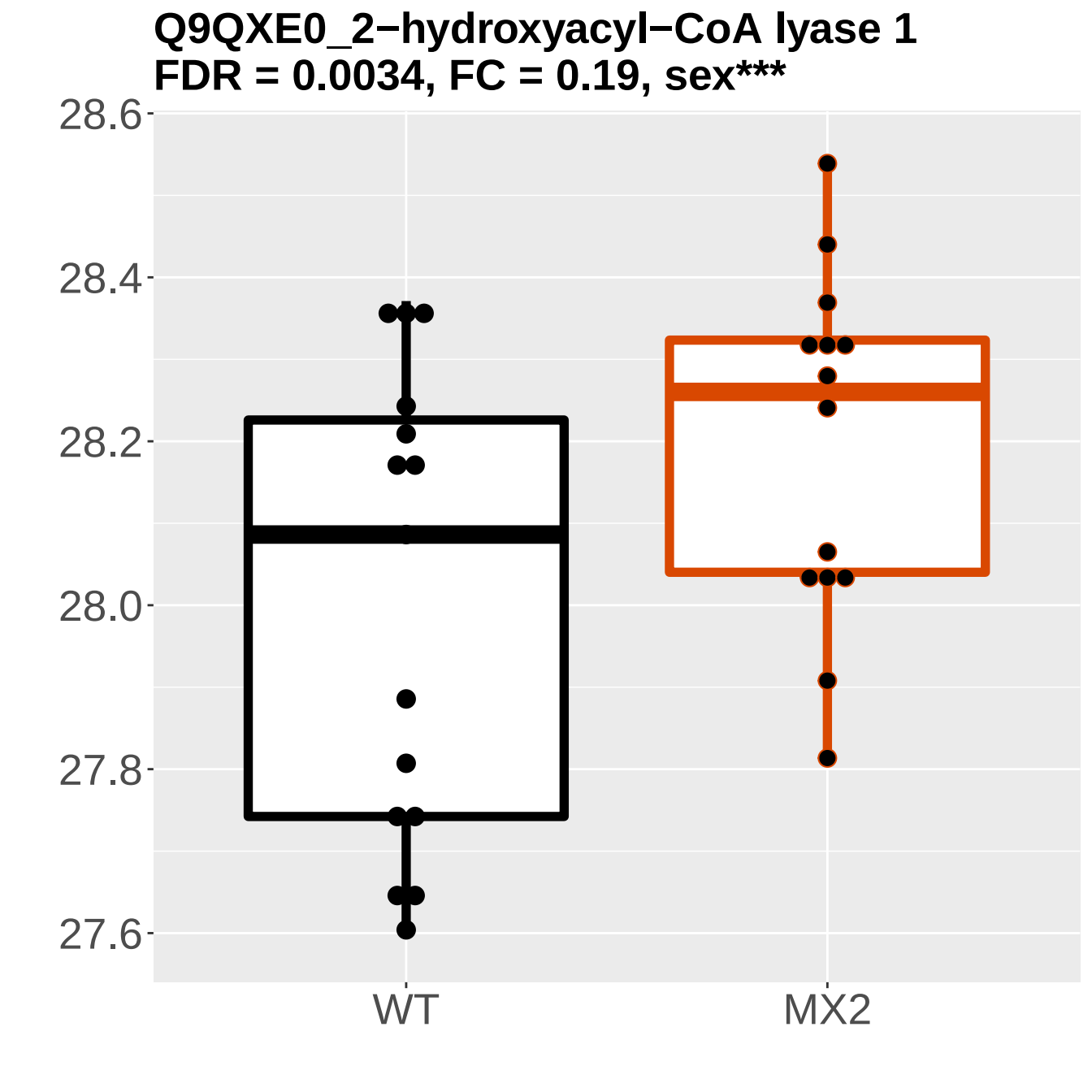

P16331_Phenylalanine−4−hydroxyl.
FDR = 0.0032, FC = 0.2, sex**
29.50
29.25
29.00
28.75
WT
MX2

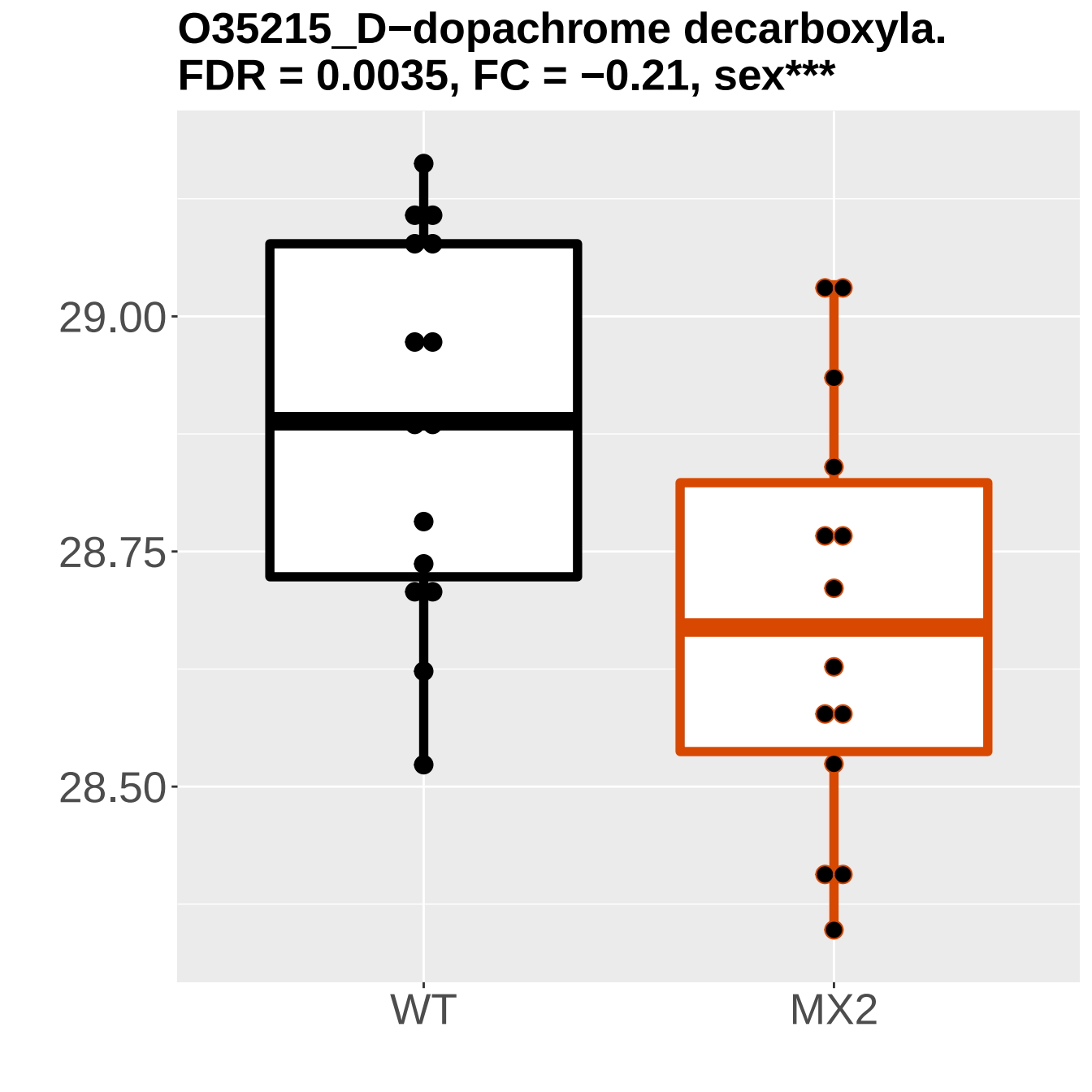

P97807_Fumarate hydratase, mito.
FDR = 0.0032, FC = 0.16, sex***
28.2
28.0
27.8
27.6
WT
MX2

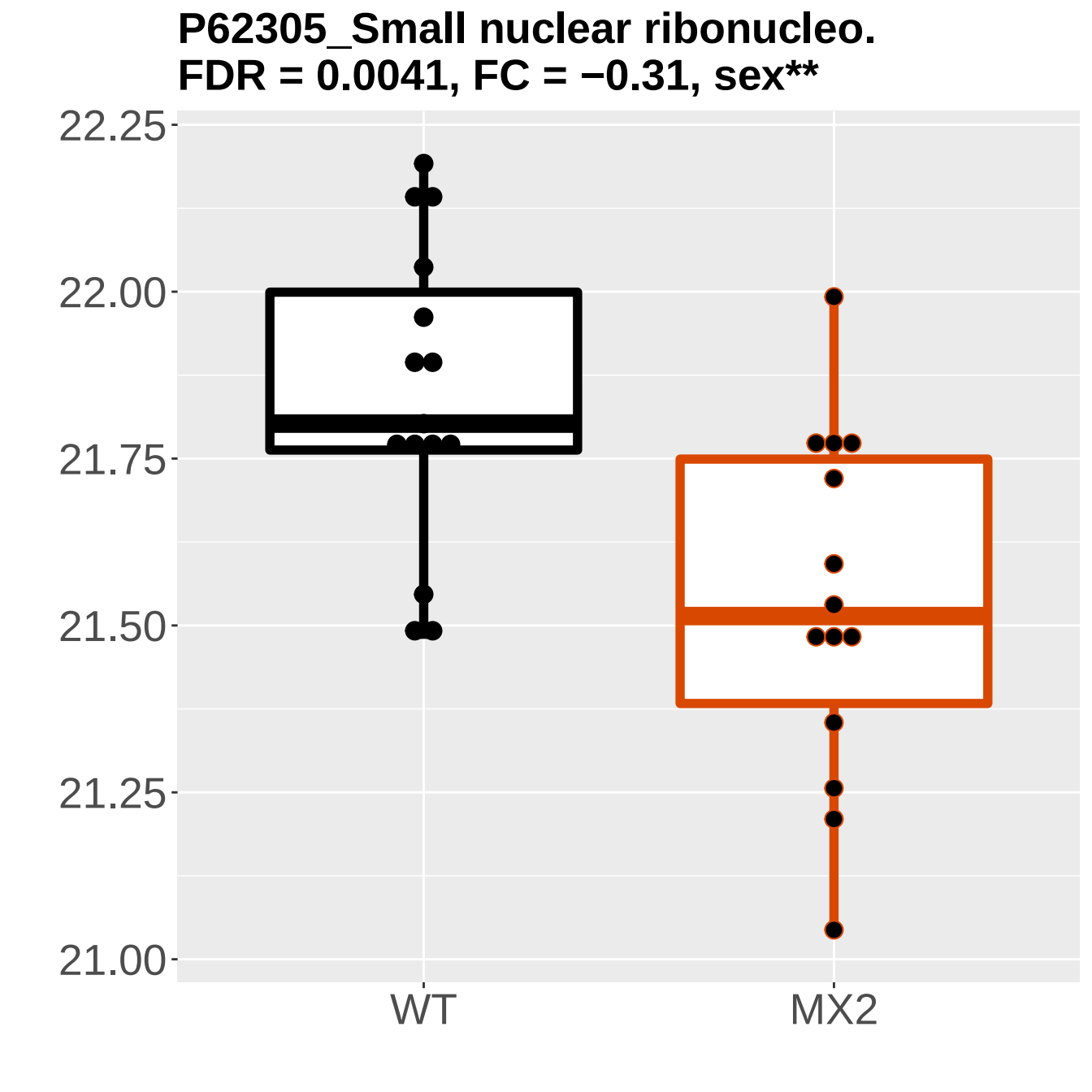

A2ATU0_Probable 2−oxoglutarate .
FDR = 0.0033, FC = 0.36, sex***
24.5
24.0
23.5
23.0
WT
MX2

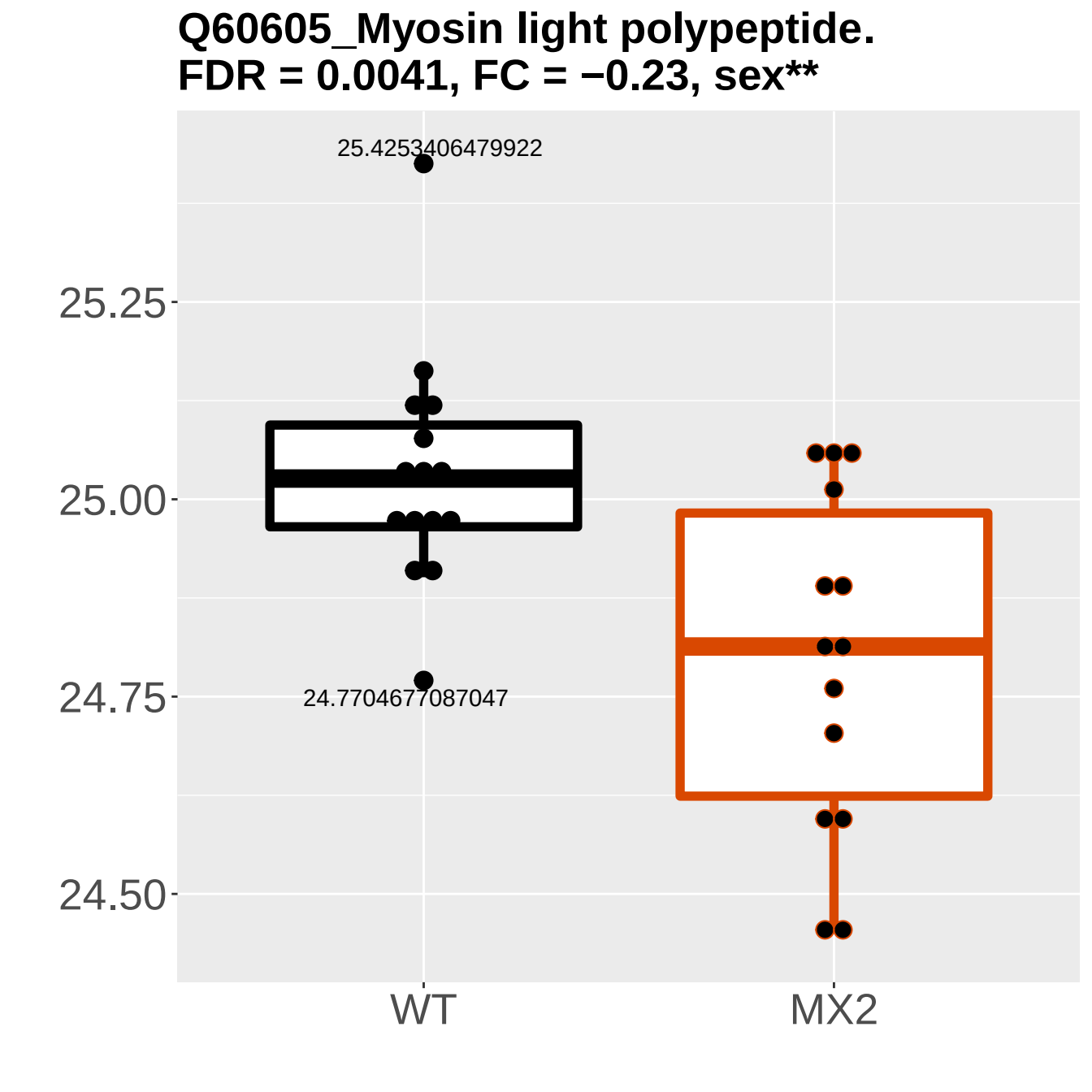

O70492_Sorting nexin−3
FDR = 0.0033, FC = −0.25, sex**
22.75
22.50
22.25
22.00
WT
MX2

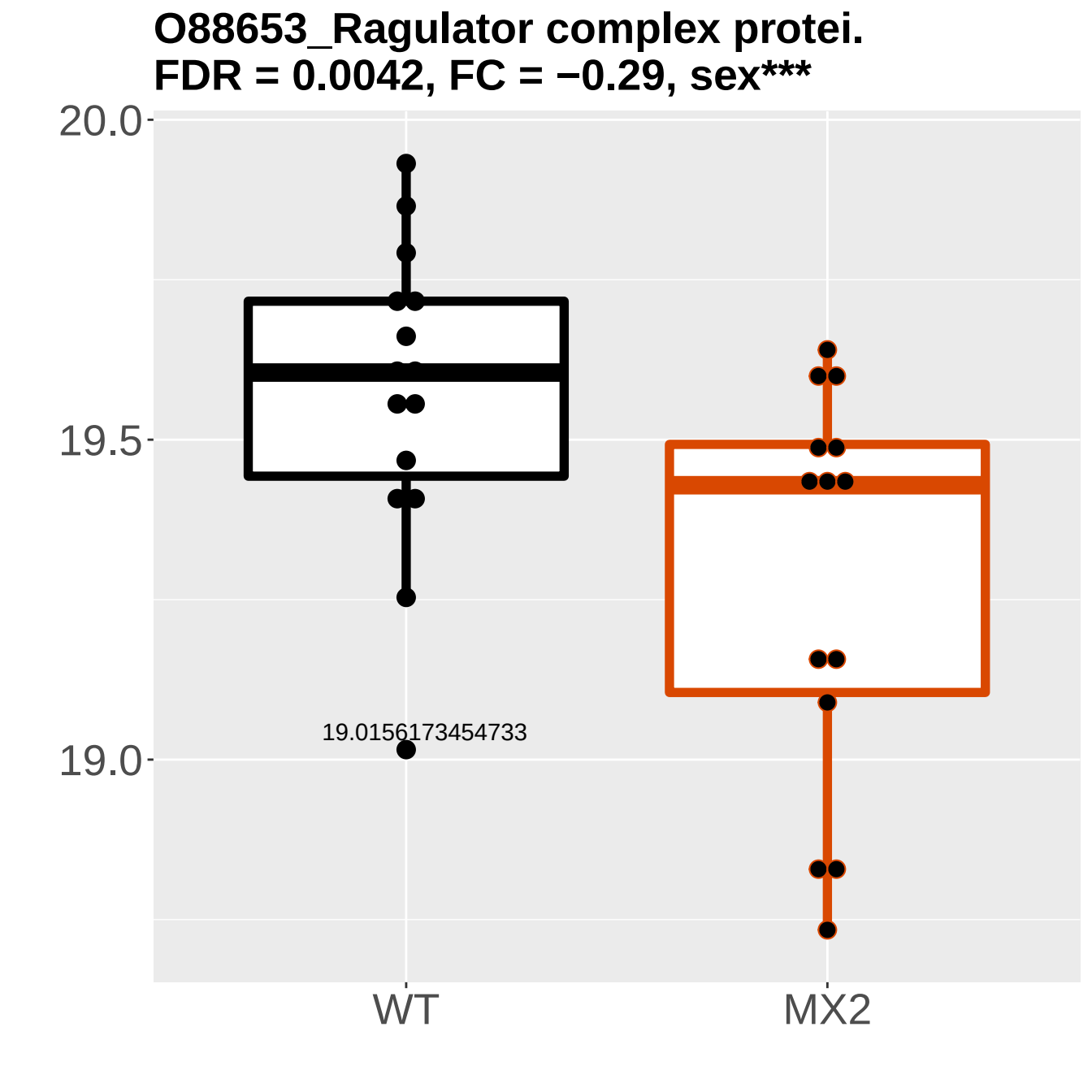

P62311_U6 snRNA−associated Sm−l.
FDR = 0.0034, FC = −0.4, sex***
21.5
21.0
20.5
20.0
WT
MX2

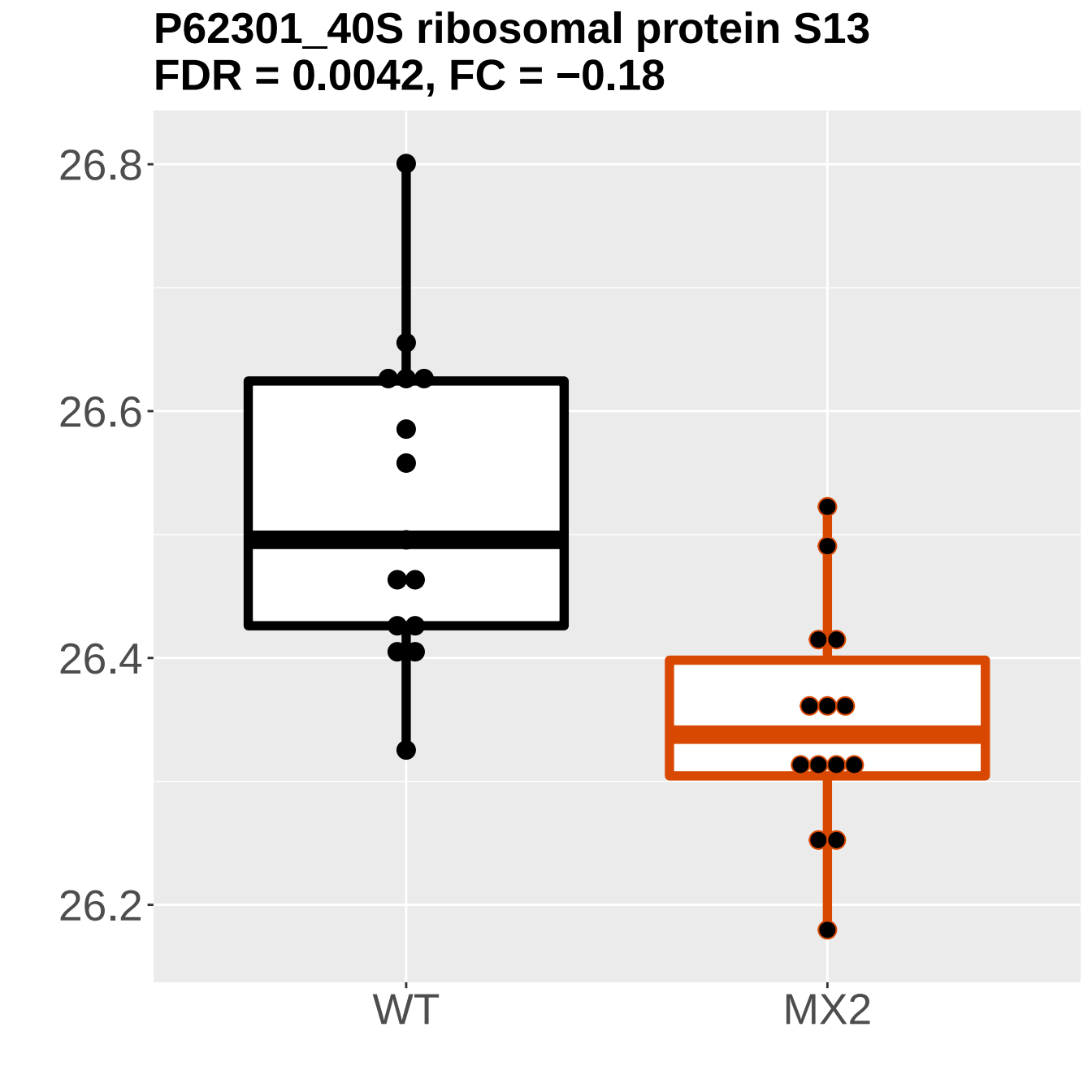

Q9QXE0_2−hydroxyacyl−CoA lyase 1
FDR = 0.0034, FC = 0.19, sex***
28.6
28.4
28.2
28.0
27.8
27.6
WT
MX2

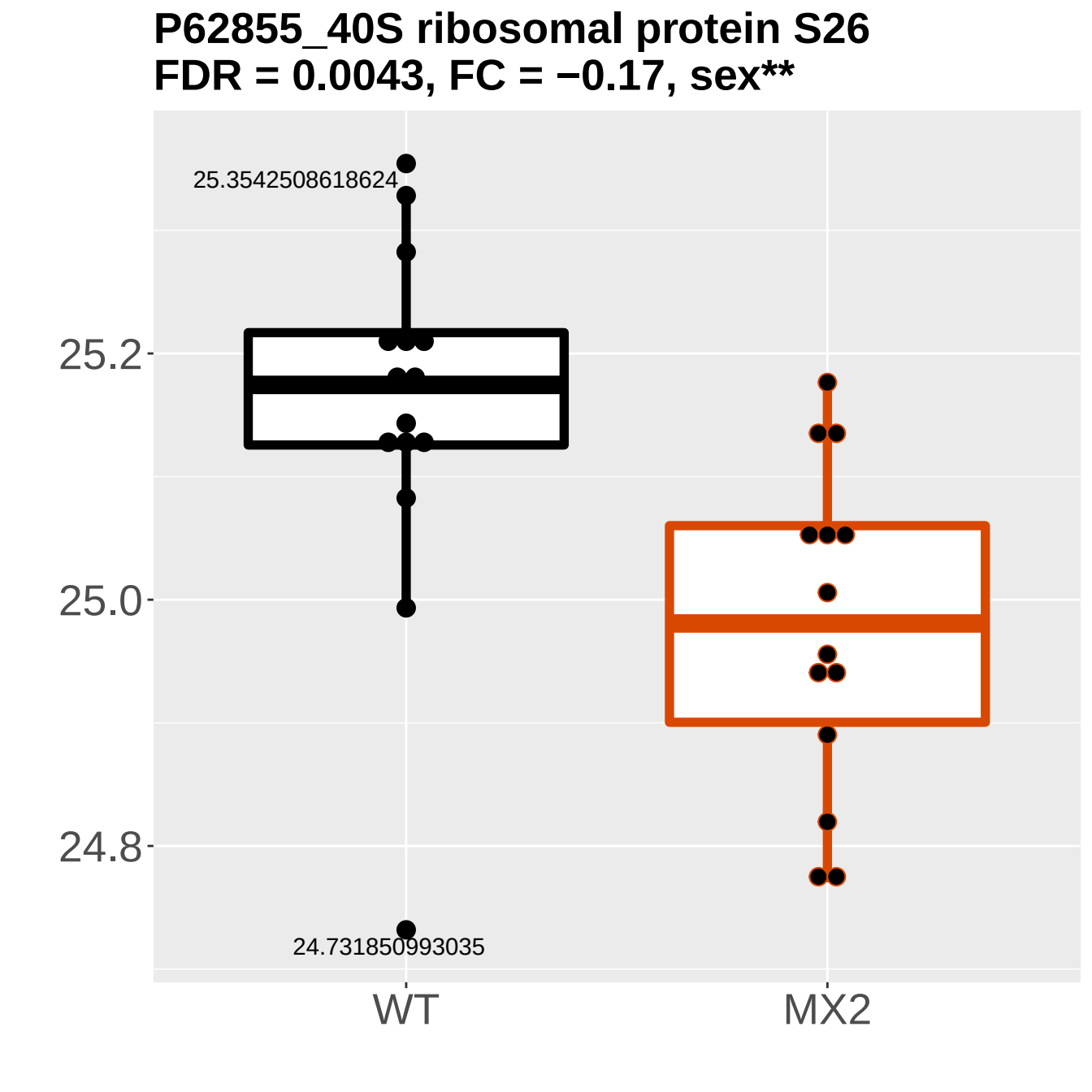

O35215_D−dopachrome decarboxyla.
FDR = 0.0035, FC = −0.21, sex***
29.00
28.75
28.50
WT
MX2

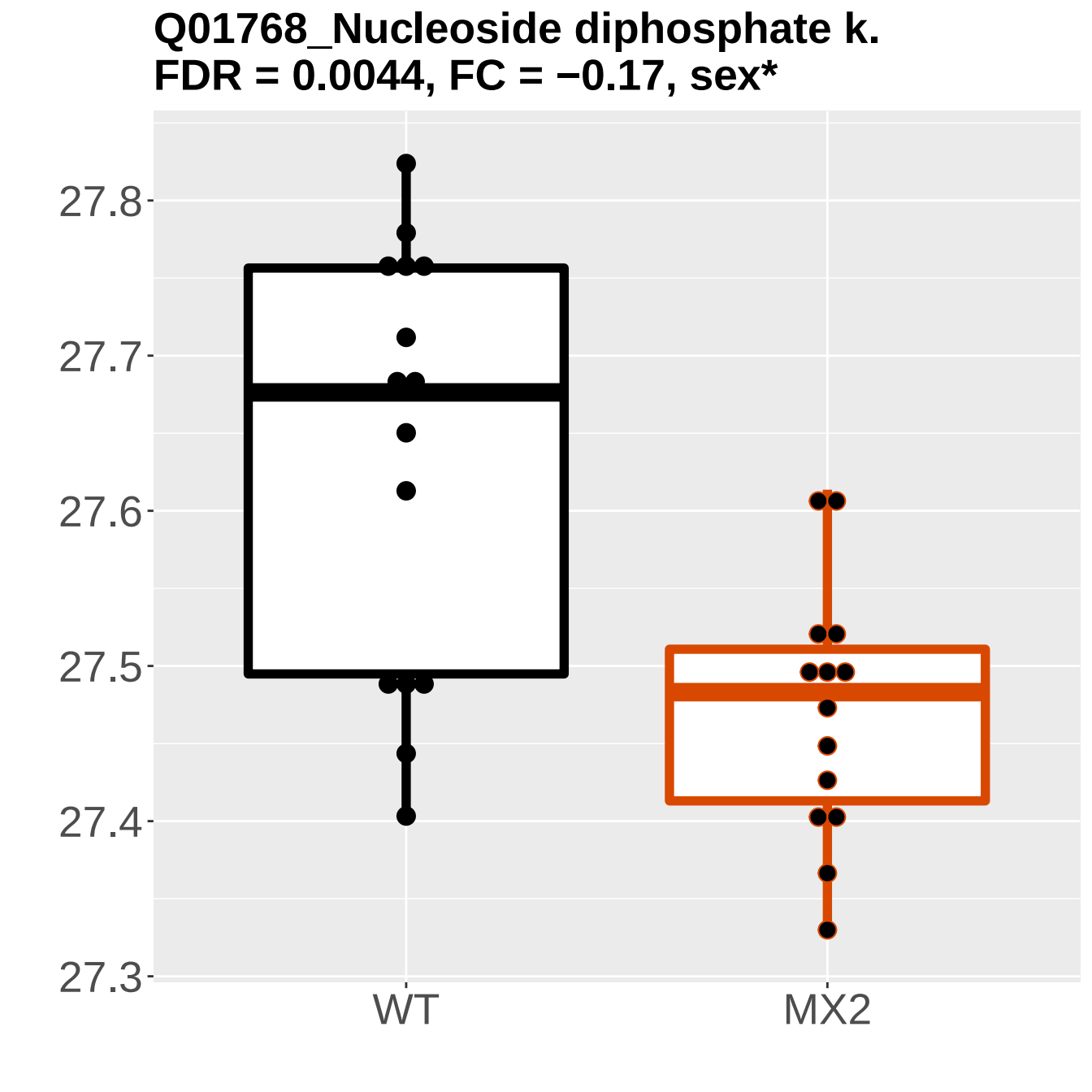

P62305_Small nuclear ribonucleo.
FDR = 0.0041, FC = −0.31, sex**
22.25
22.00
21.75
21.50
21.25
21.00
WT
MX2

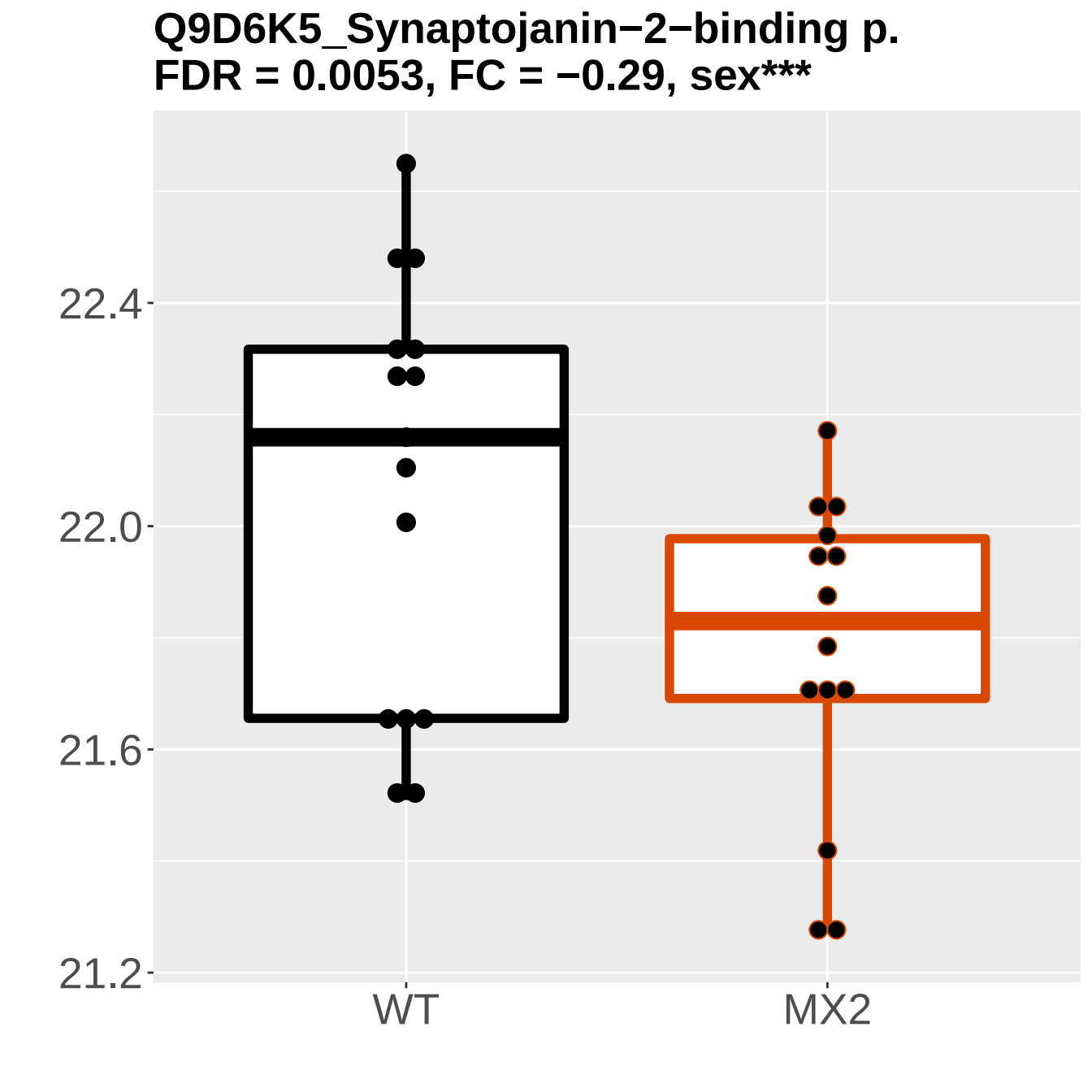

Q60605_Myosin light polypeptide.
FDR = 0.0041, FC = −0.23, sex**
25.4253406479922
24.7704677087047
25.25
25.00
24.75
24.50
WT
MX2

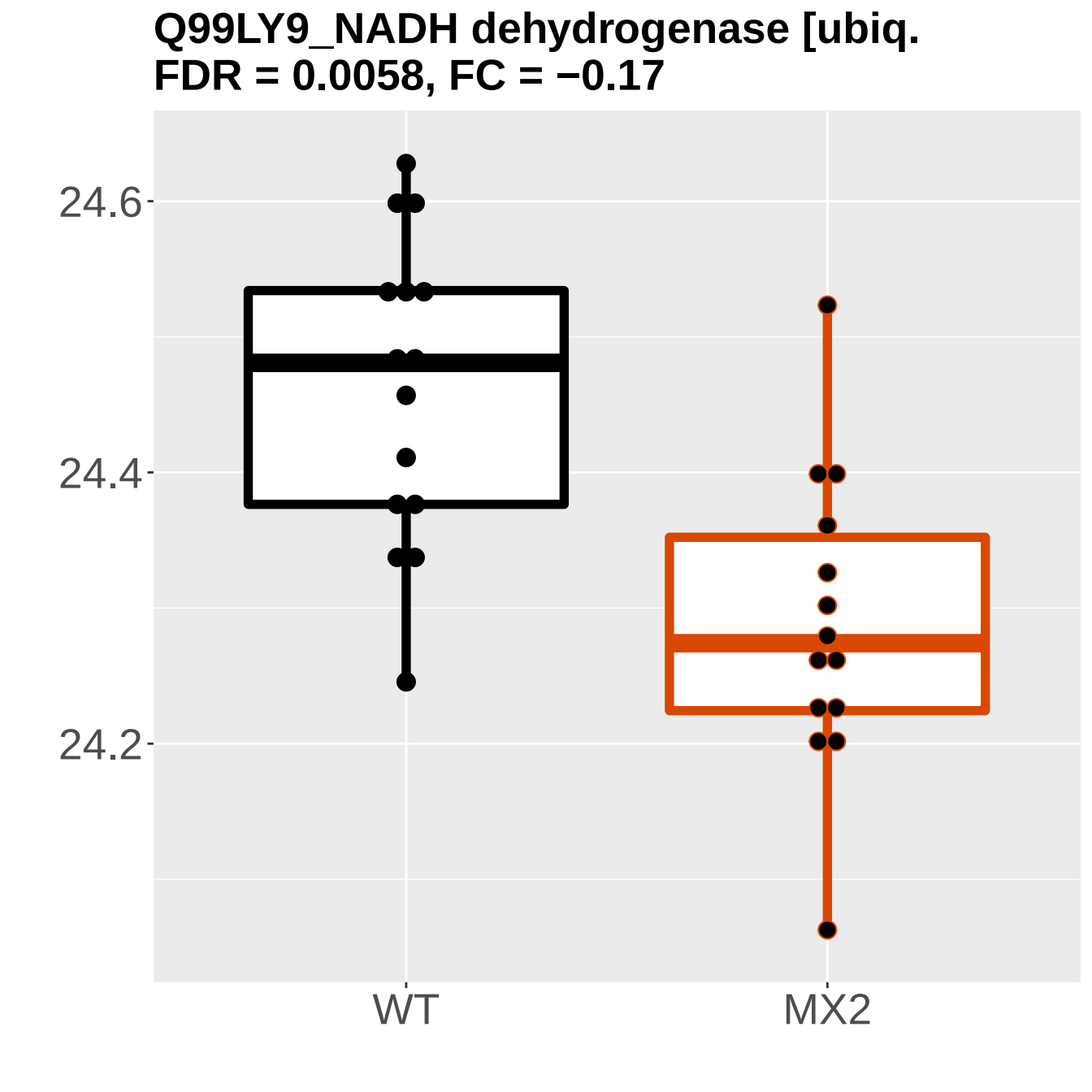

O88653_Ragulator complex protei.
FDR = 0.0042, FC = −0.29, sex***
20.0
19.5
19.0
19.0156173454733
WT
MX2

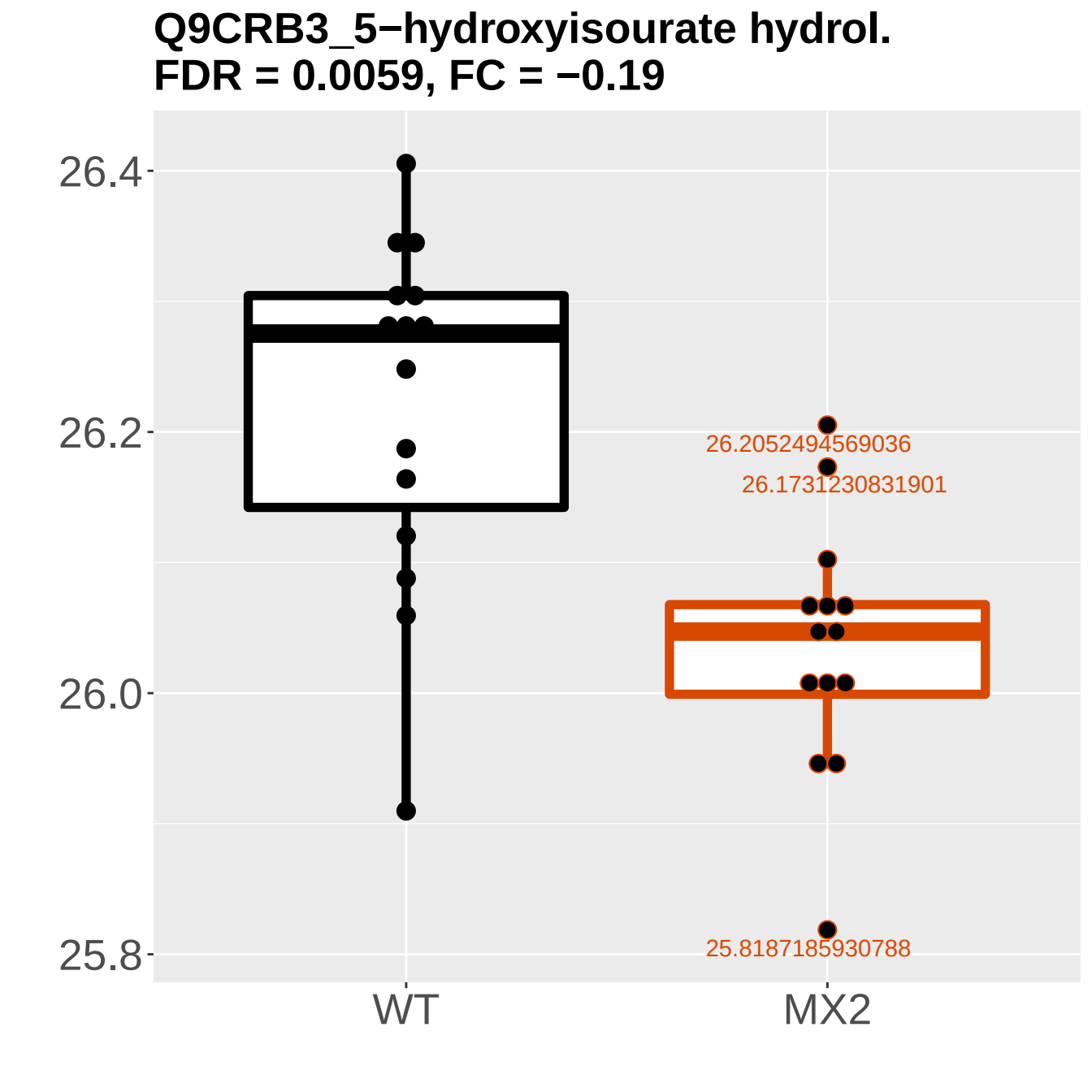

P62301_40S ribosomal protein S13
FDR = 0.0042, FC = −0.18
26.8
26.6
26.4
26.2
WT
MX2

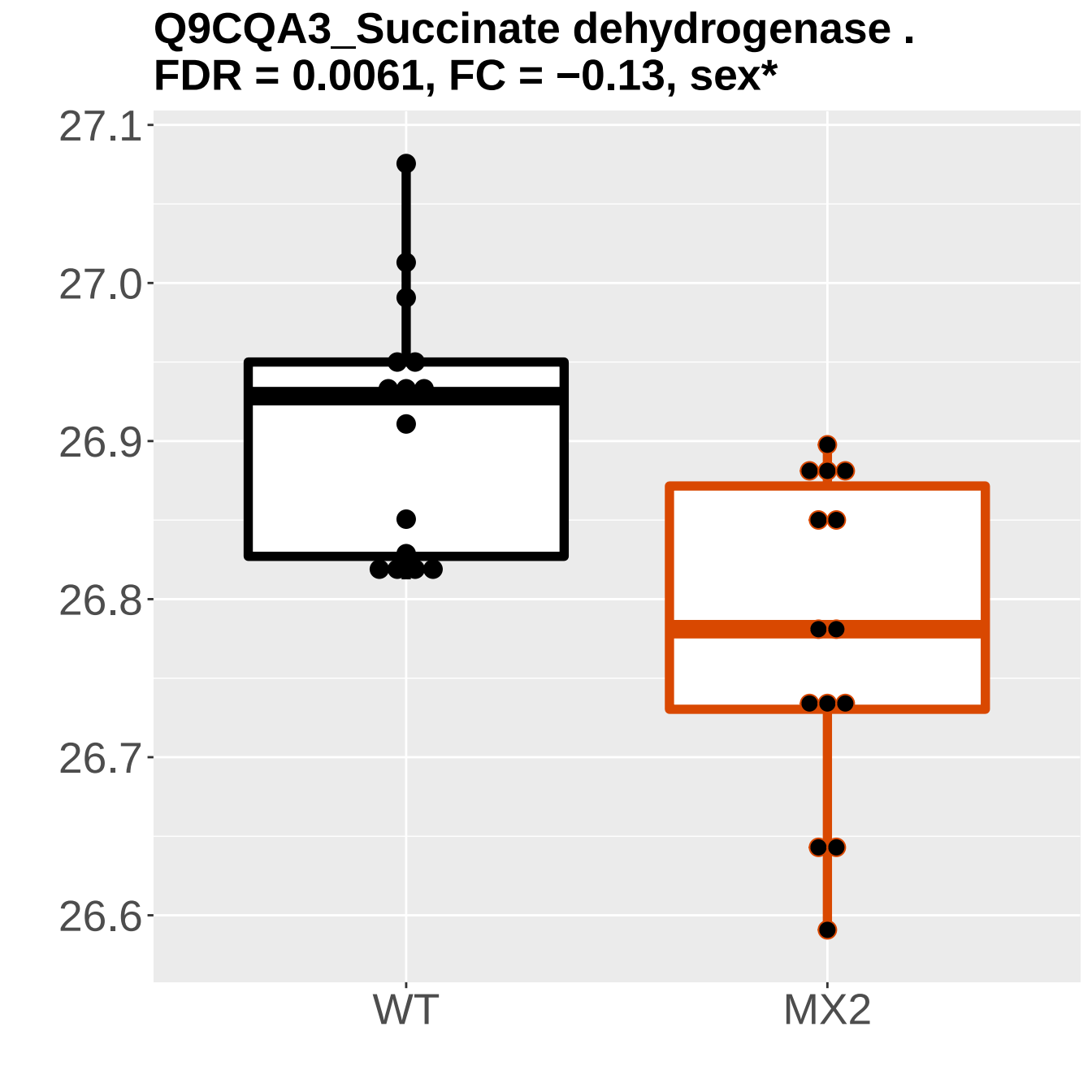

P62855_40S ribosomal protein S26
FDR = 0.0043, FC = −0.17, sex**
25.3542508618624
24.731850993035
25.2
25.0
24.8
WT
MX2

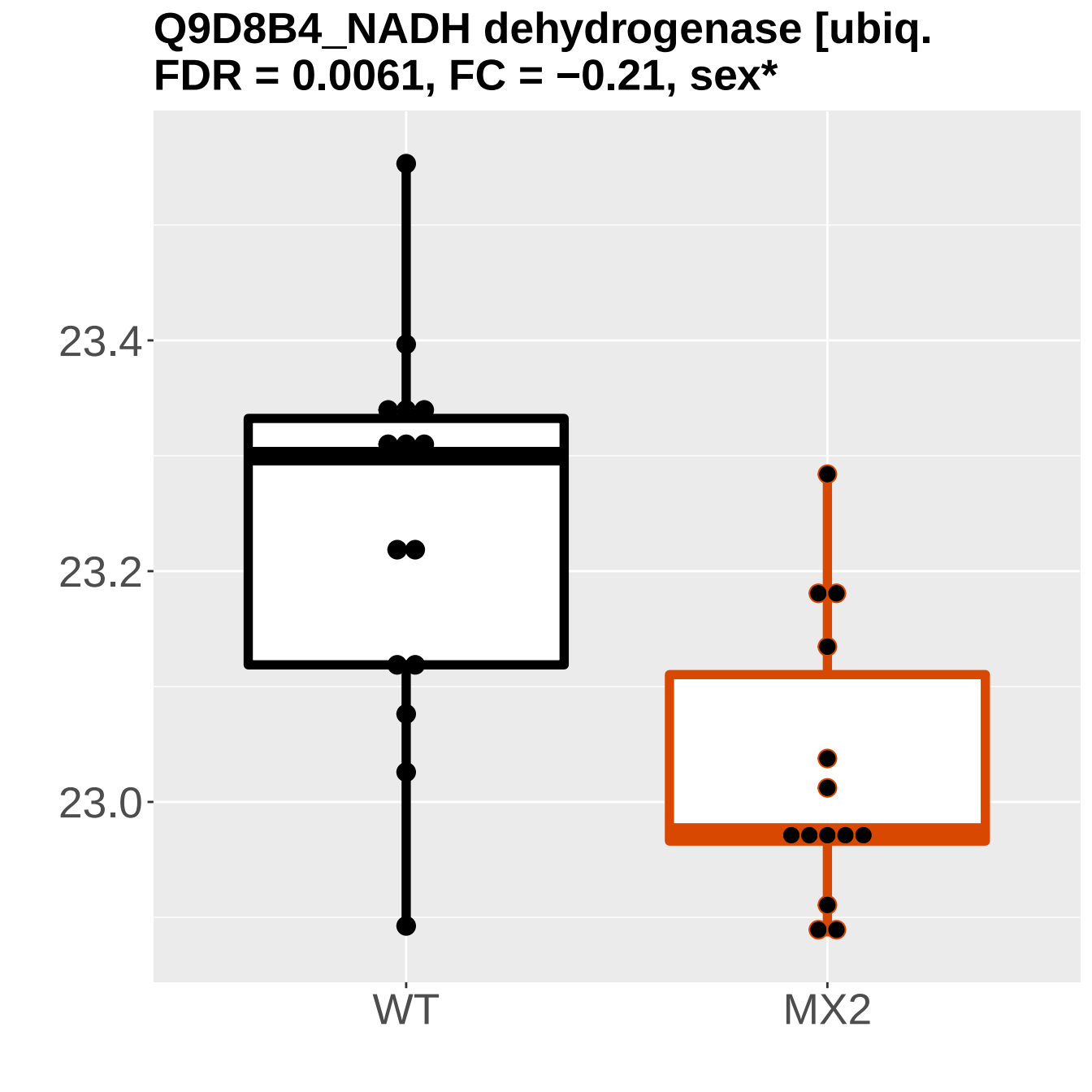

Q01768_Nucleoside diphosphate k.
FDR = 0.0044, FC = −0.17, sex*
27.8
27.7
27.6
27.5
27.4
27.3
WT
MX2

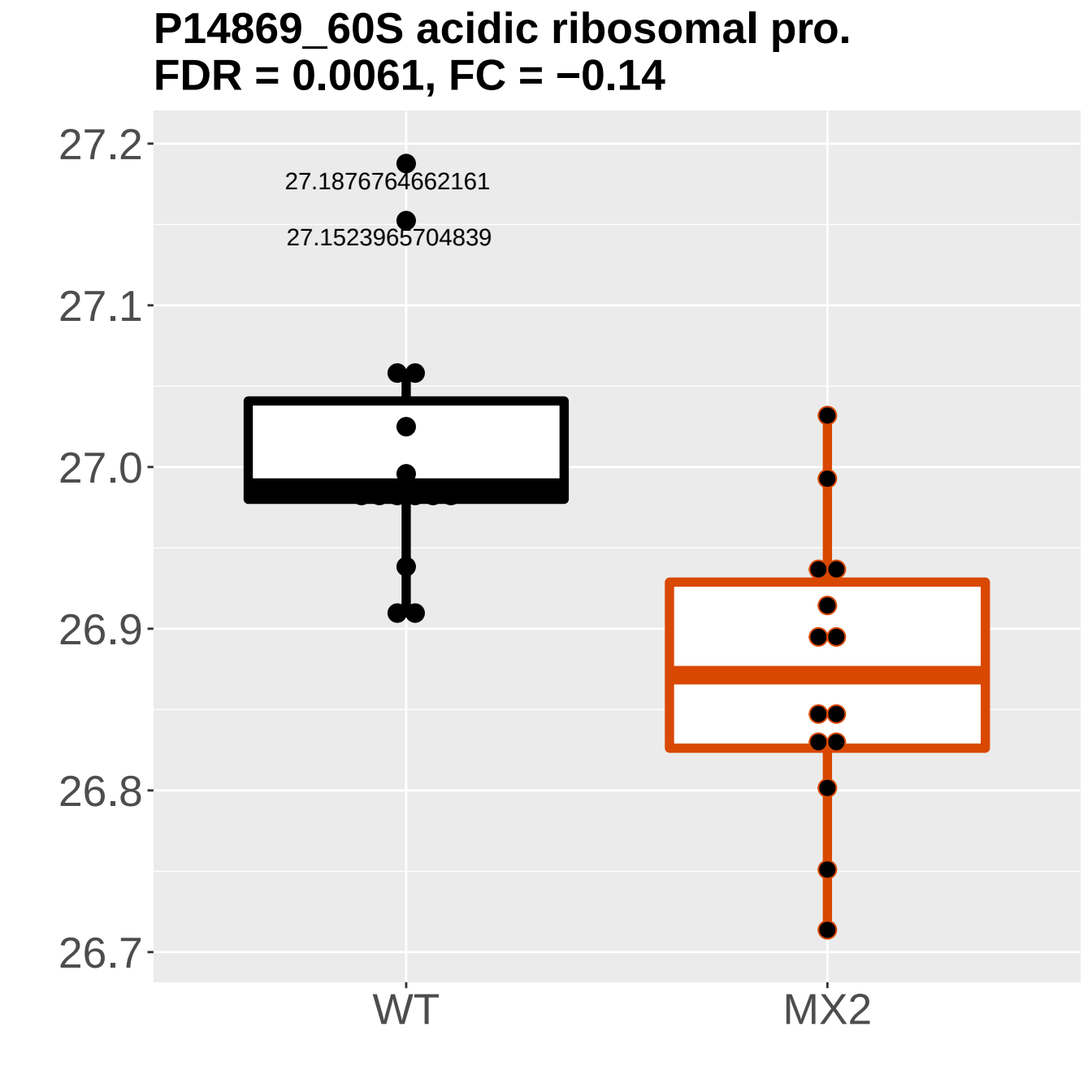

Q9D6K5_Synaptojanin−2−binding p.
FDR = 0.0053, FC = −0.29, sex***
22.4
22.0
21.6
21.2
WT
MX2

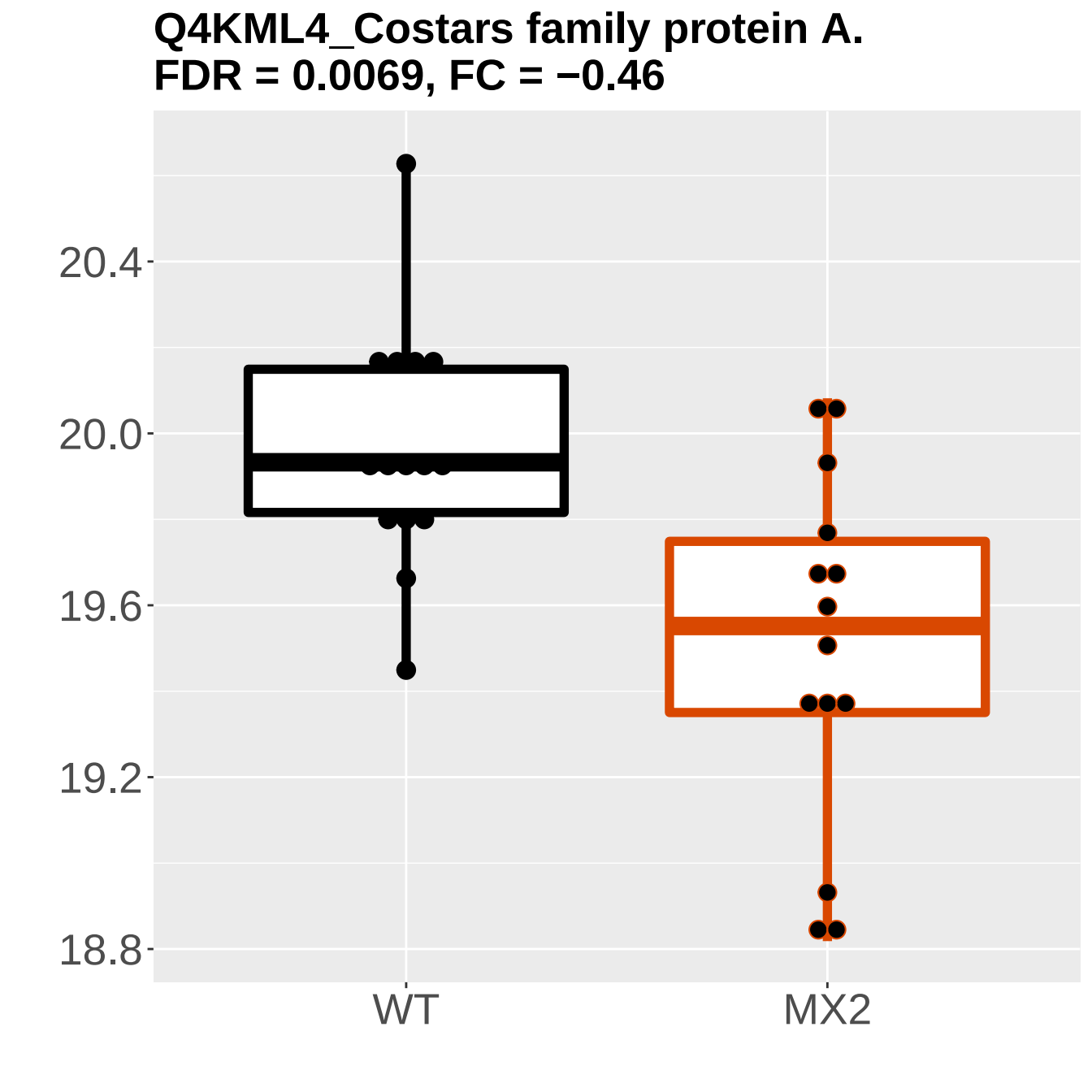

Q99LY9_NADH dehydrogenase [ubiq.
FDR = 0.0058, FC = −0.17
24.6
24.4
24.2
WT
MX2

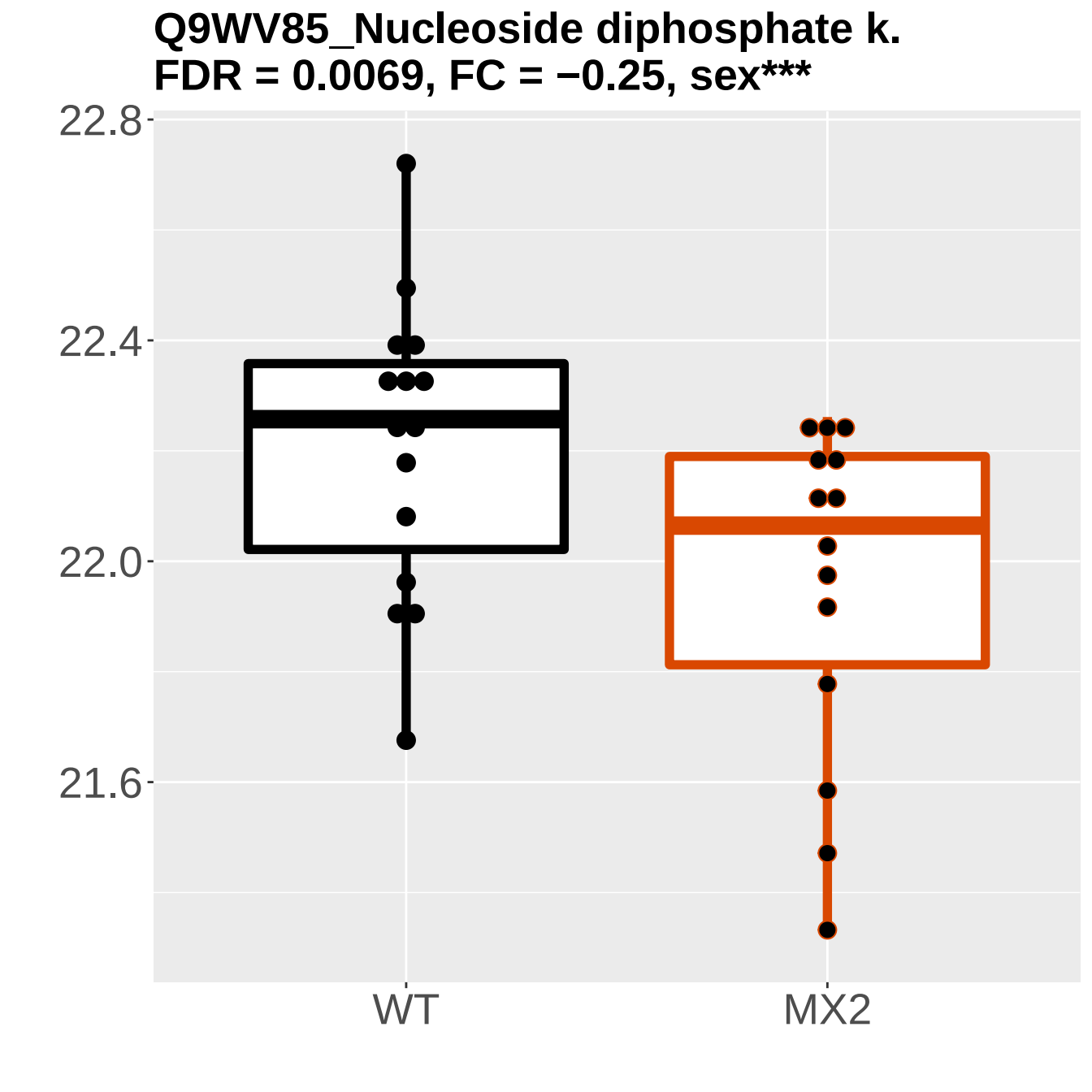

Q9CRB3_5−hydroxyisourate hydrol.
FDR = 0.0059, FC = −0.19
26.4
26.2
26.0
25.8
26.2052494569036
26.1731230831901
25.8187185930788
WT
MX2

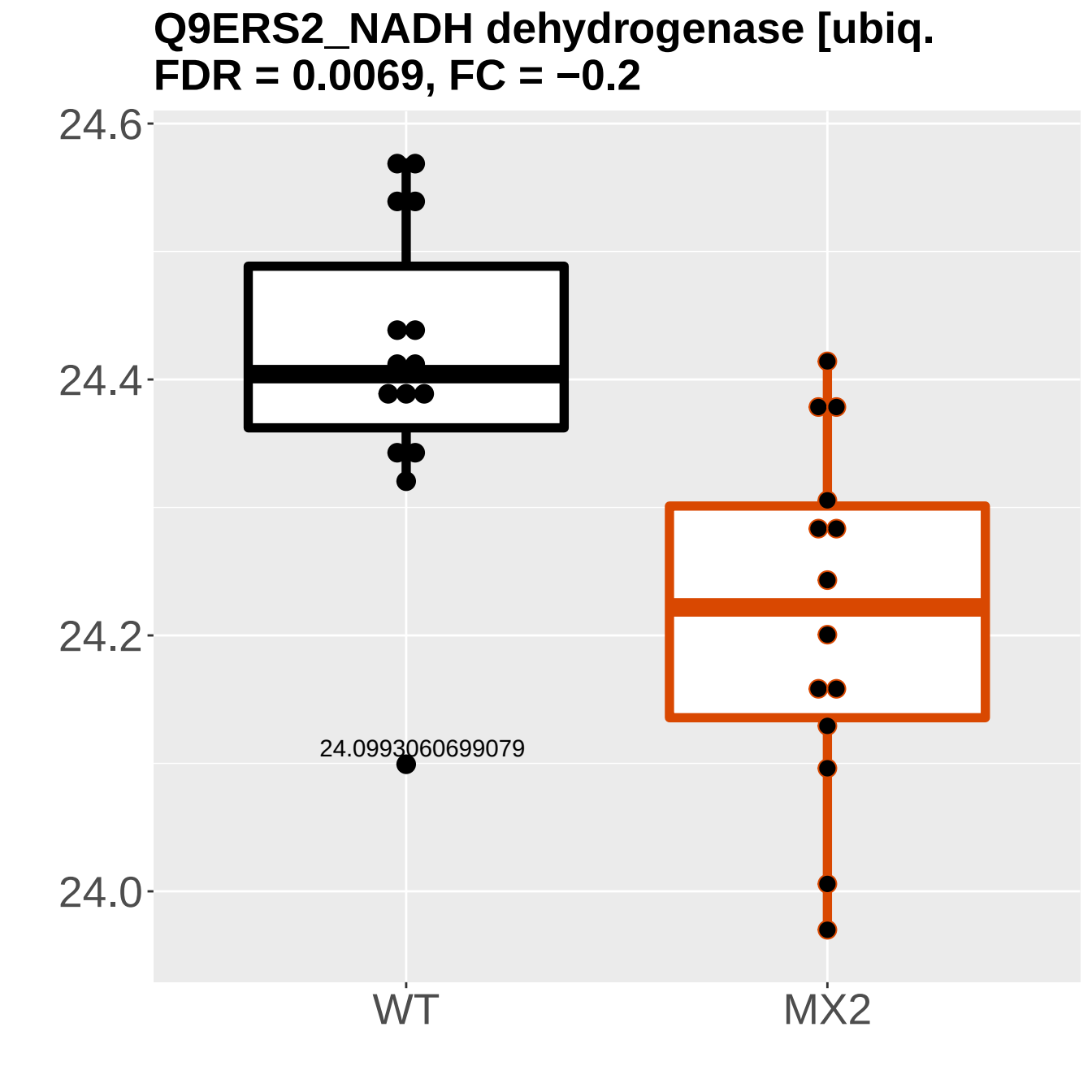

Q9CQA3_Succinate dehydrogenase .
FDR = 0.0061, FC = −0.13, sex*
27.1
27.0
26.9
26.8
26.7
26.6
WT
MX2

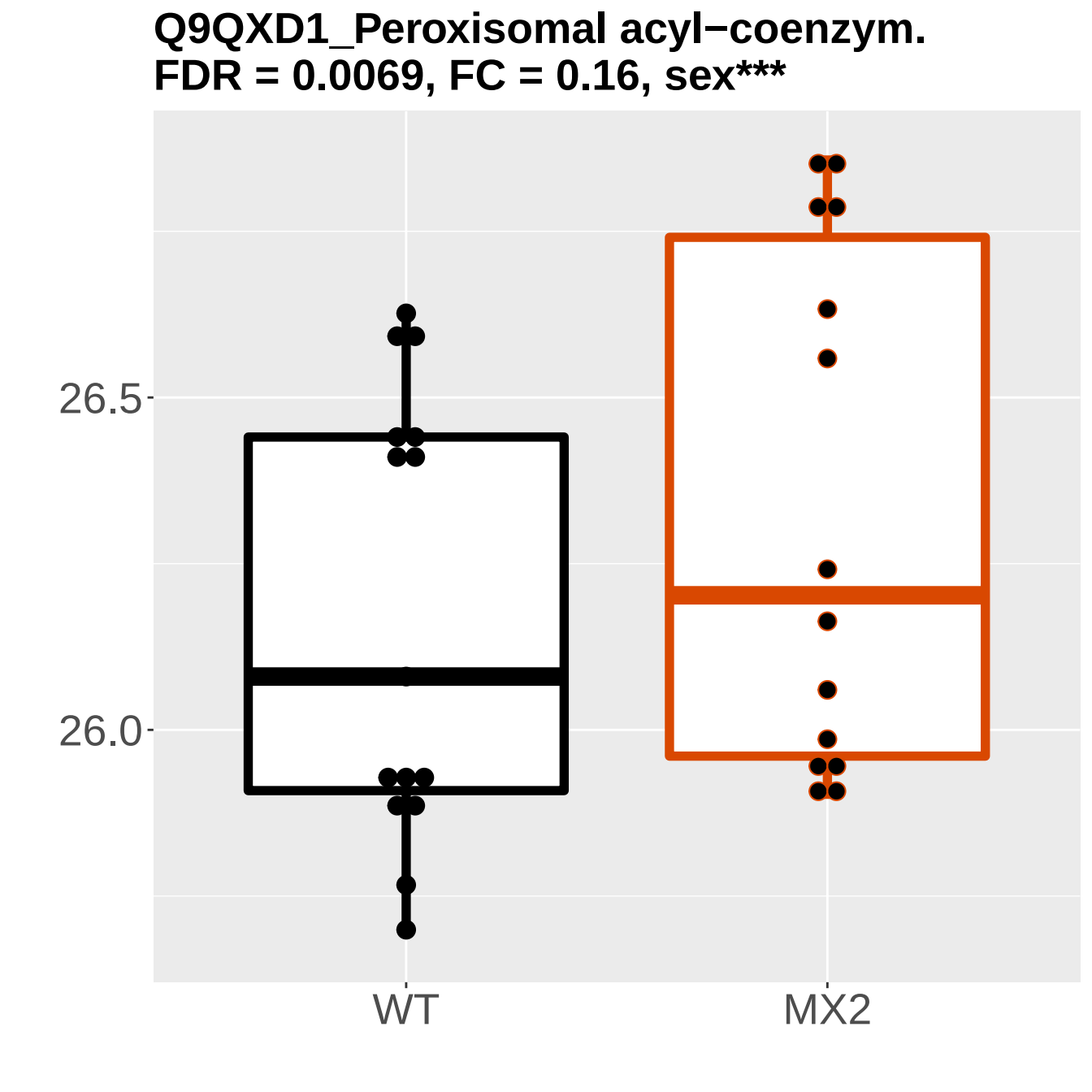

Q9D8B4_NADH dehydrogenase [ubiq.
FDR = 0.0061, FC = −0.21, sex*
23.4
23.2
23.0
WT
MX2

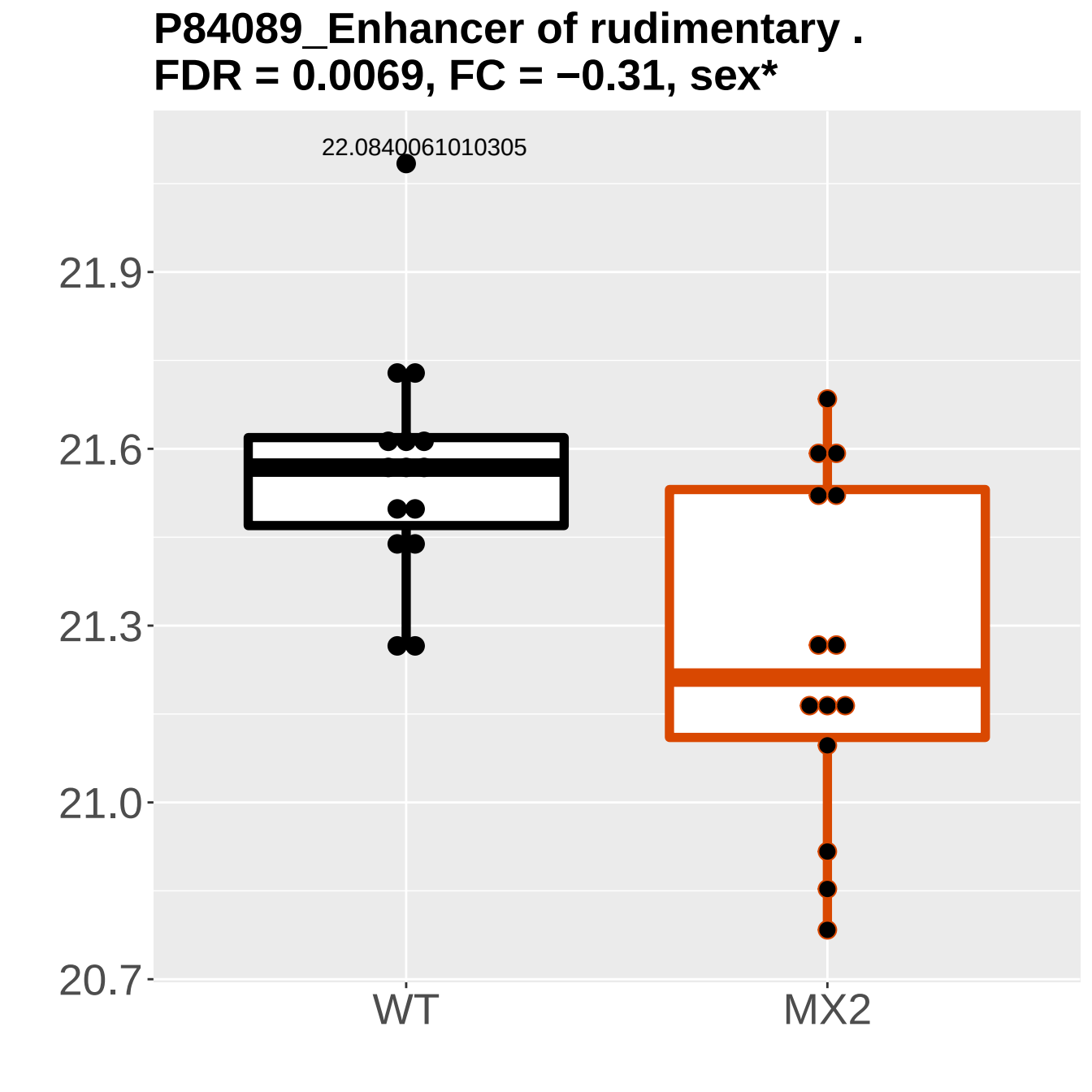

P14869_60S acidic ribosomal pro.
FDR = 0.0061, FC = −0.14
27.2
27.1
27.0
26.9
26.8
26.7
27.1876764662161
27.1523965704839
WT
MX2

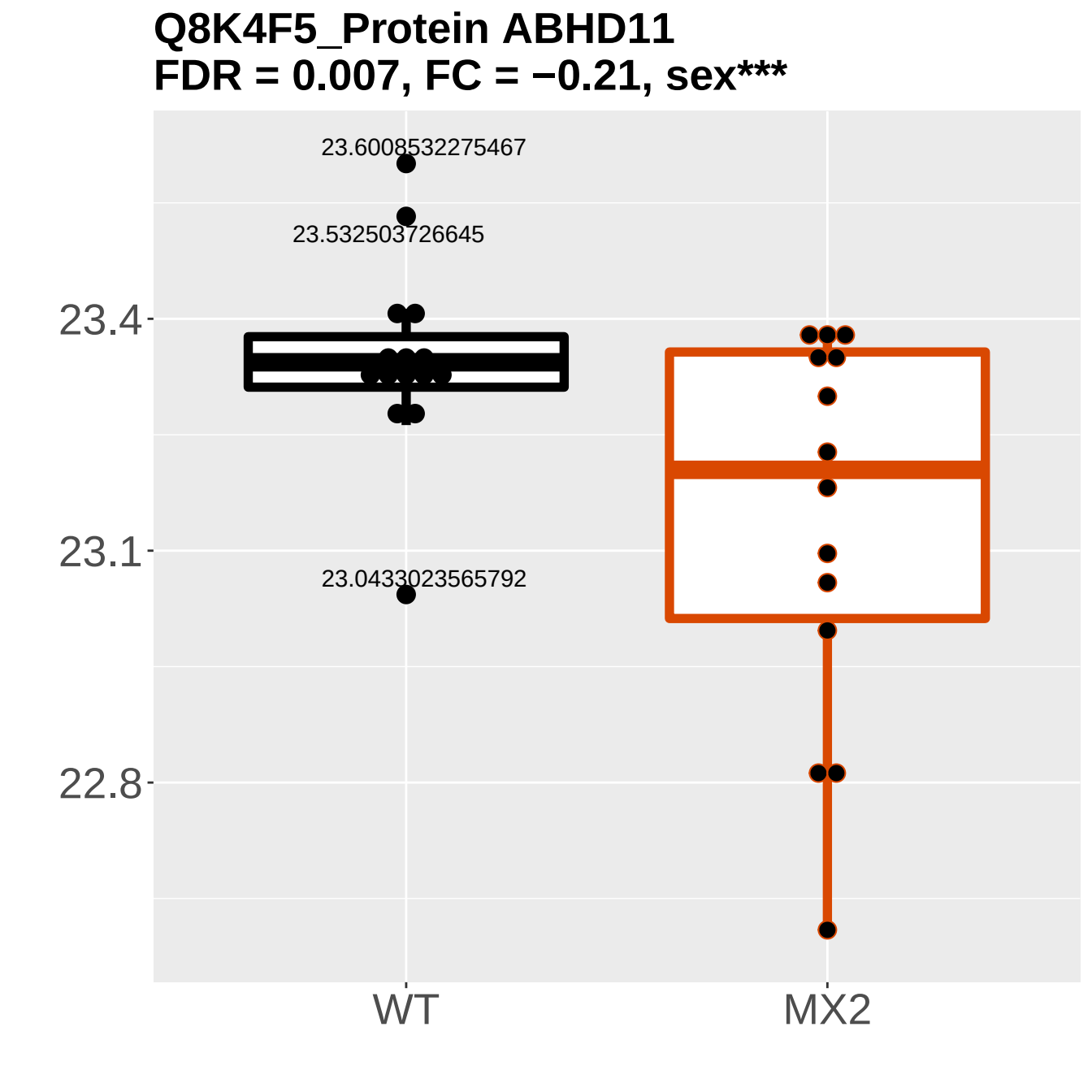

Q4KML4_Costars family protein A.
FDR = 0.0069, FC = −0.46
20.4
20.0
19.6
19.2
18.8
WT
MX2

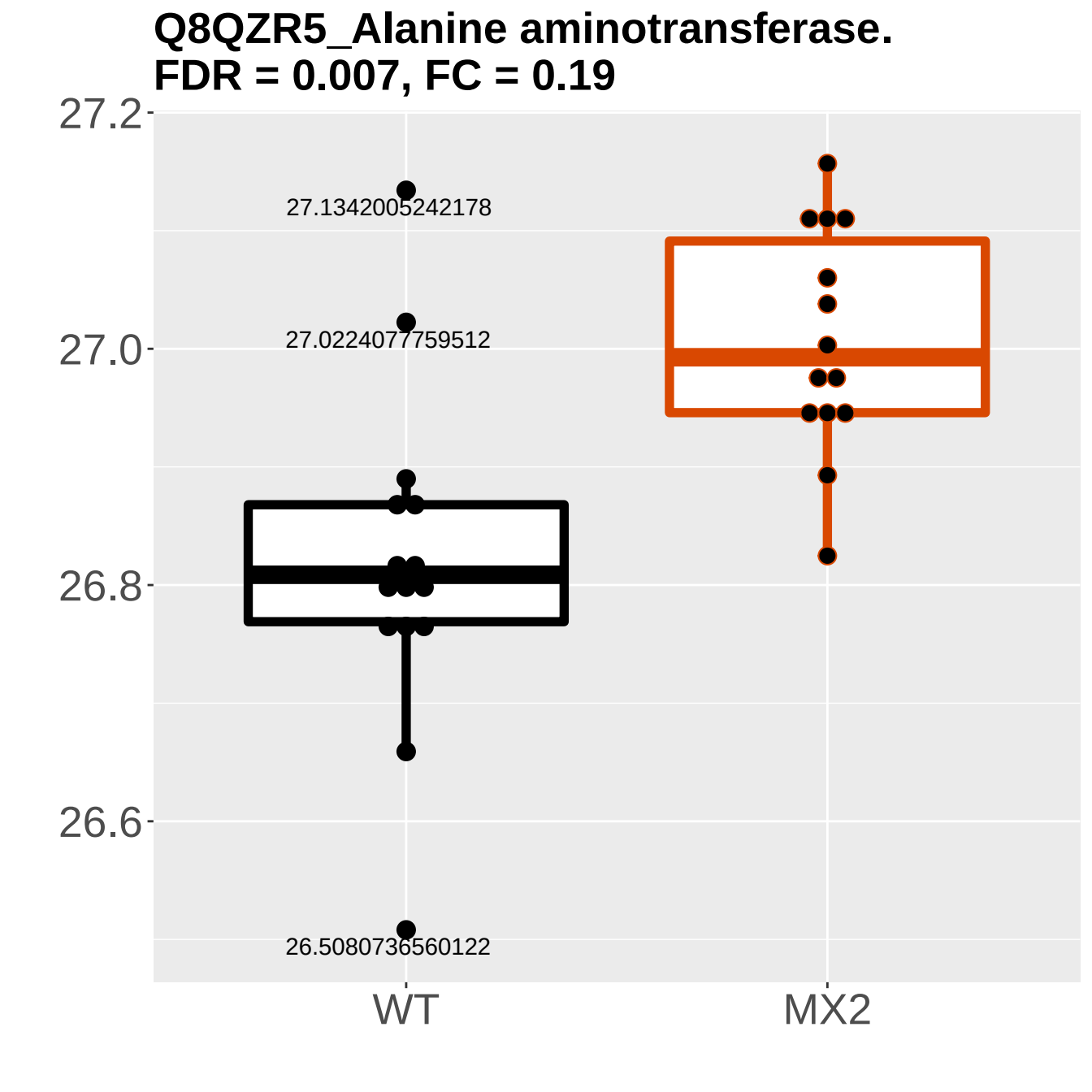

Q9WV85_Nucleoside diphosphate k.
FDR = 0.0069, FC = −0.25, sex***
22.8
22.4
22.0
21.6
WT
MX2

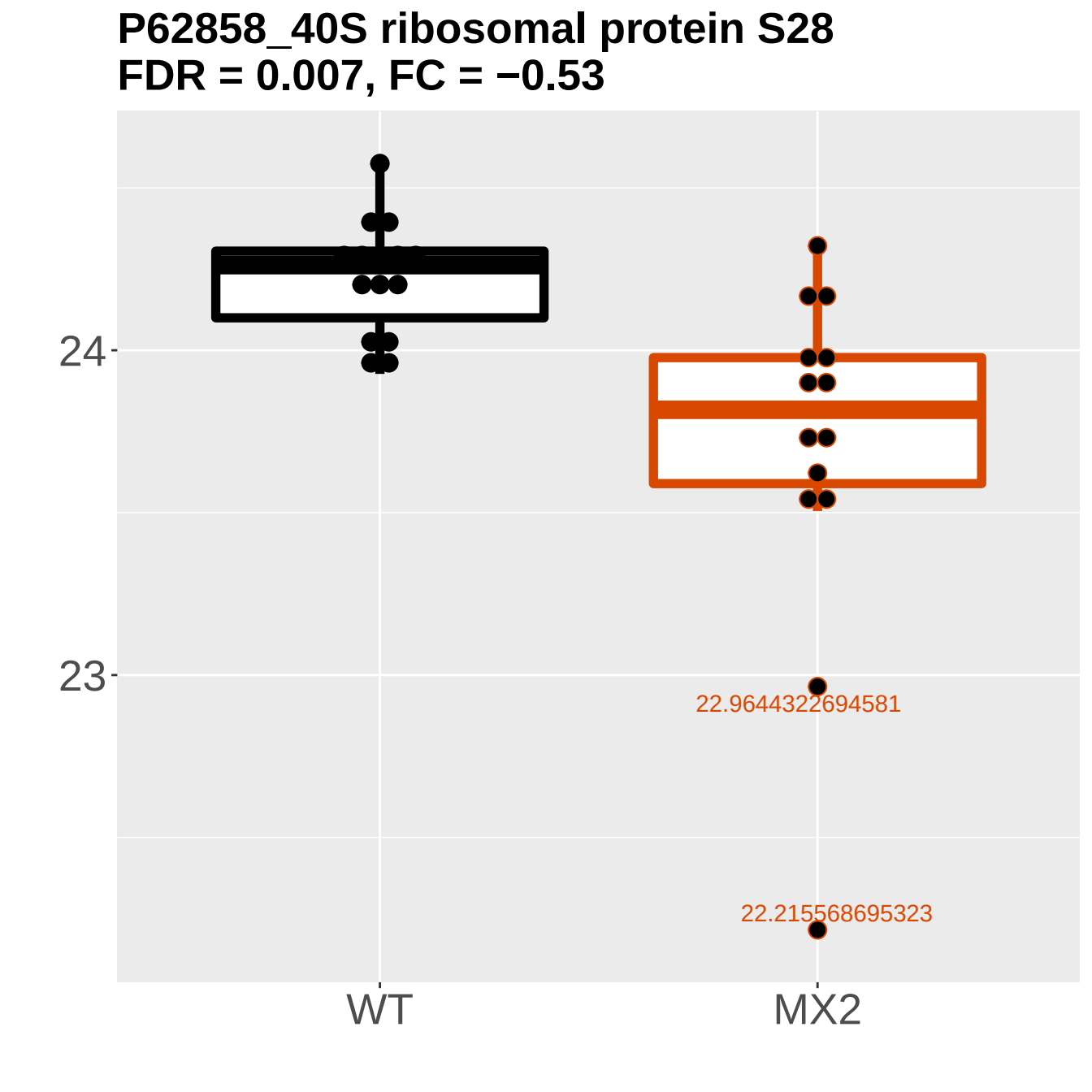

Q9ERS2_NADH dehydrogenase [ubiq.
FDR = 0.0069, FC = −0.2
24.6
24.4
24.2
24.0
24.0993060699079
WT
MX2

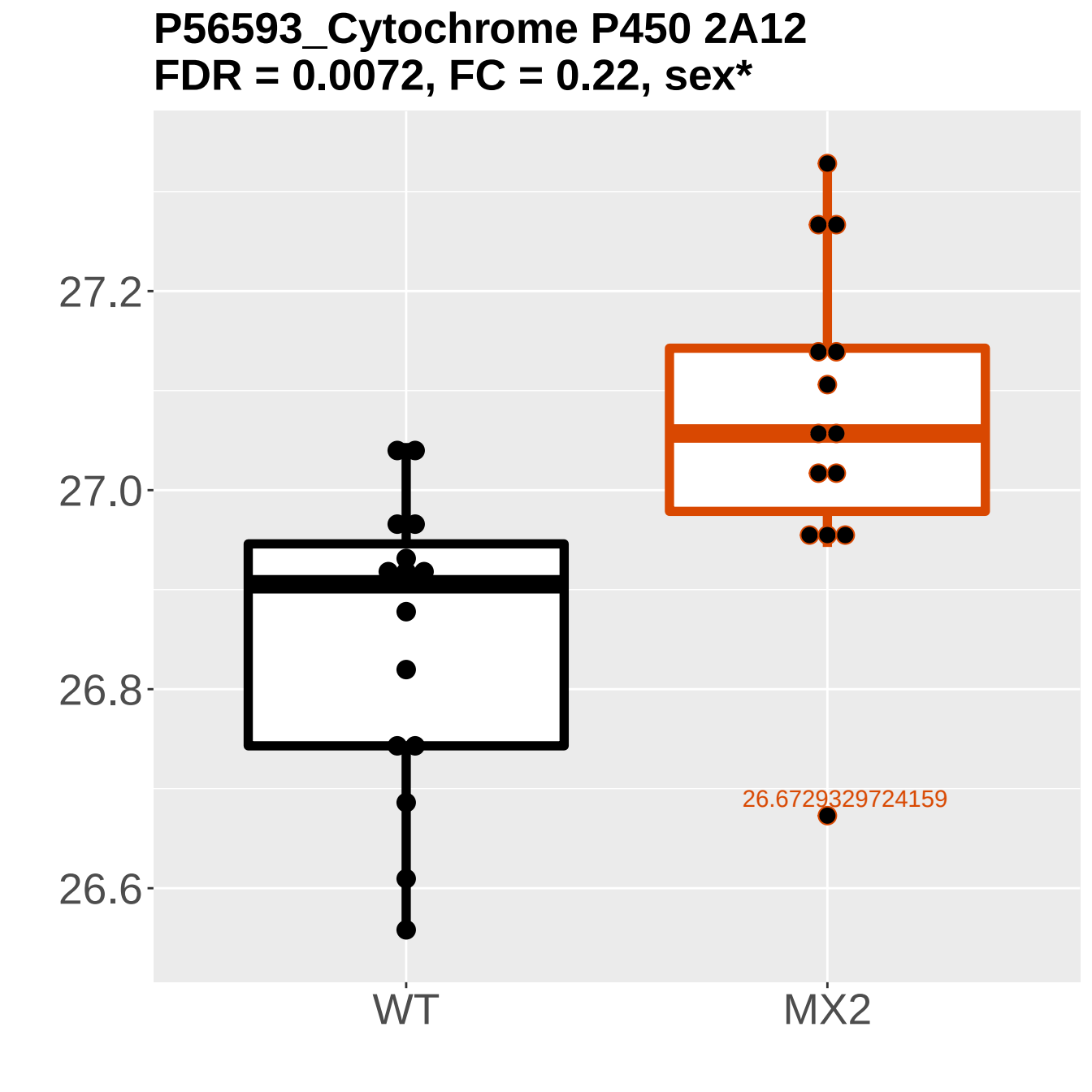

Q9QXD1_Peroxisomal acyl−coenzym.
FDR = 0.0069, FC = 0.16, sex***
26.5
26.0
WT
MX2

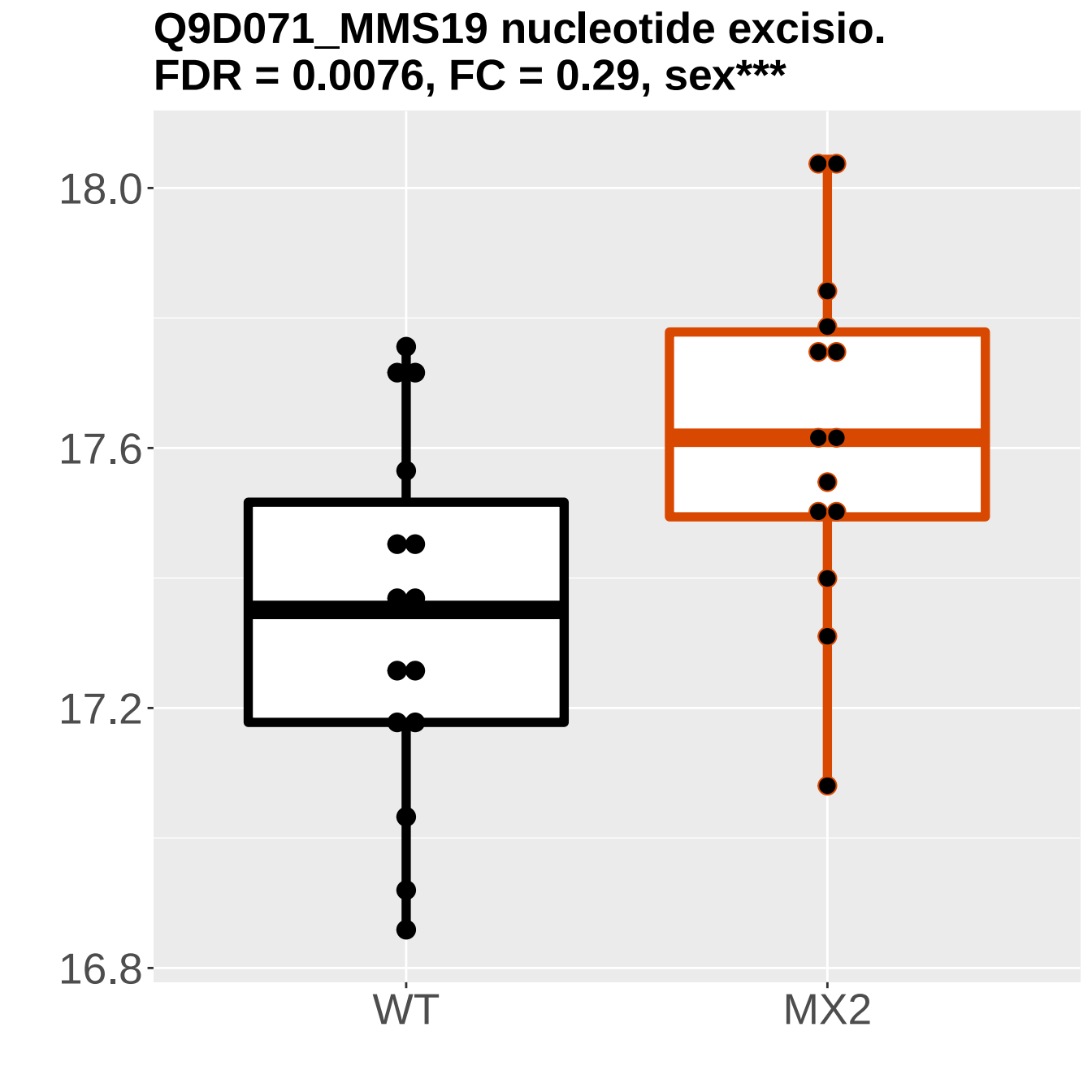

P84089_Enhancer of rudimentary .
FDR = 0.0069, FC = −0.31, sex*
22.0840061010305
21.9
21.6
21.3
21.0
20.7
WT
MX2

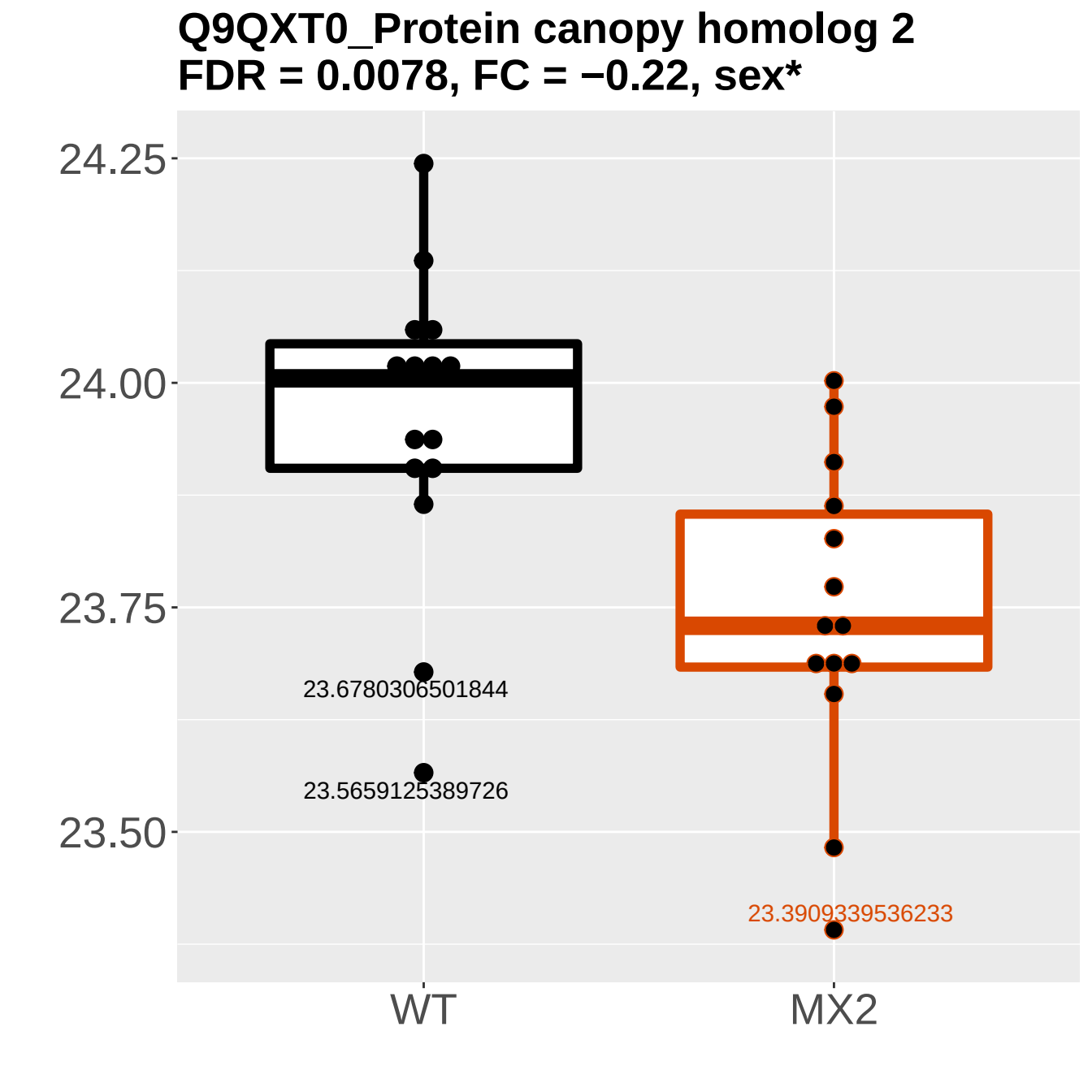

Q8K4F5_Protein ABHD11
FDR = 0.007, FC = −0.21, sex***
23.6008532275467
23.532503726645
23.4
23.1
23.0433023565792
22.8
WT
MX2

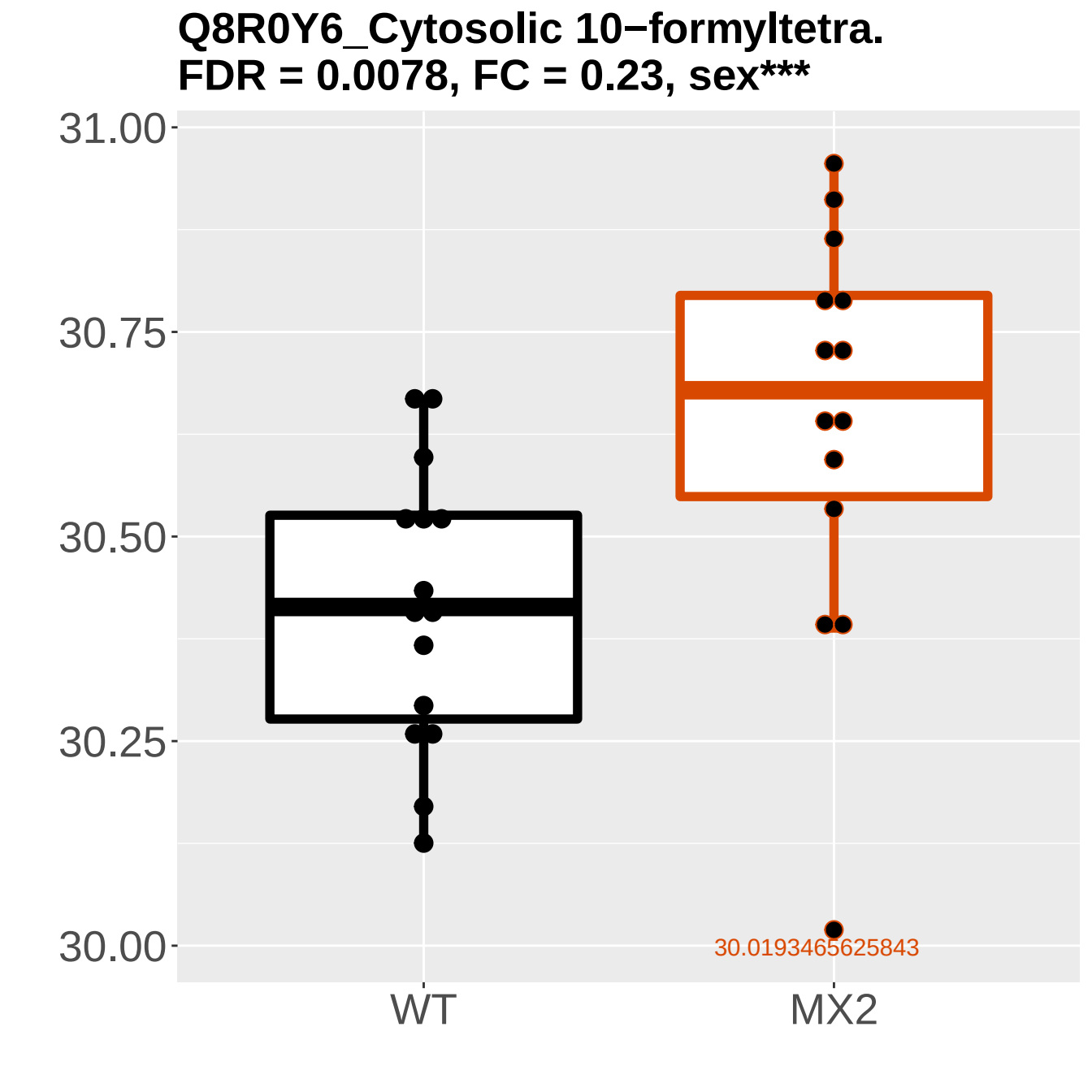

Q8QZR5_Alanine aminotransferase.
FDR = 0.007, FC = 0.19
27.2
27.0
26.8
26.6
27.1342005242178
27.0224077759512
26.5080736560122
WT
MX2

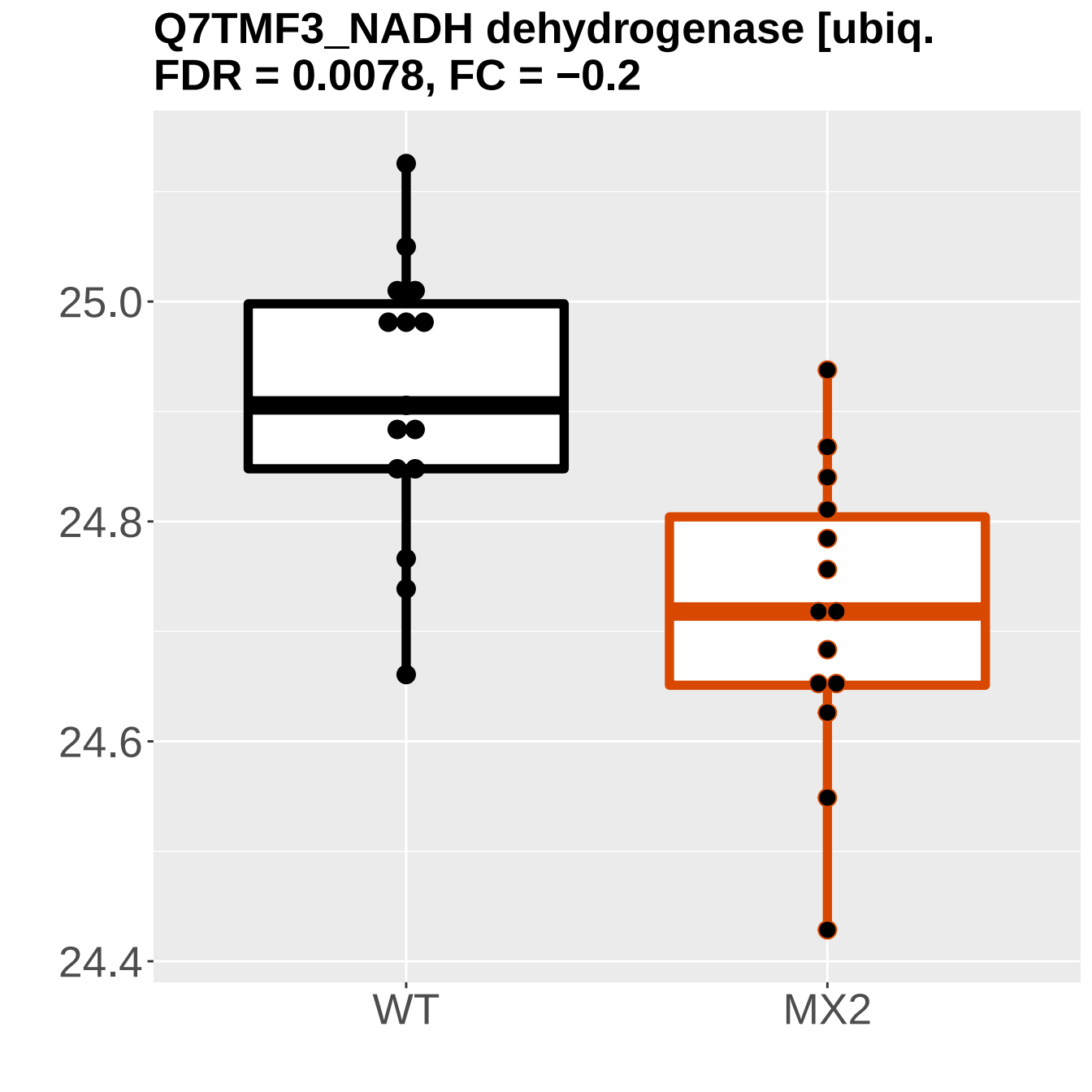

P62858_40S ribosomal protein S28
FDR = 0.007, FC = −0.53
24
23
22.9644322694581
22.215568695323
WT
MX2

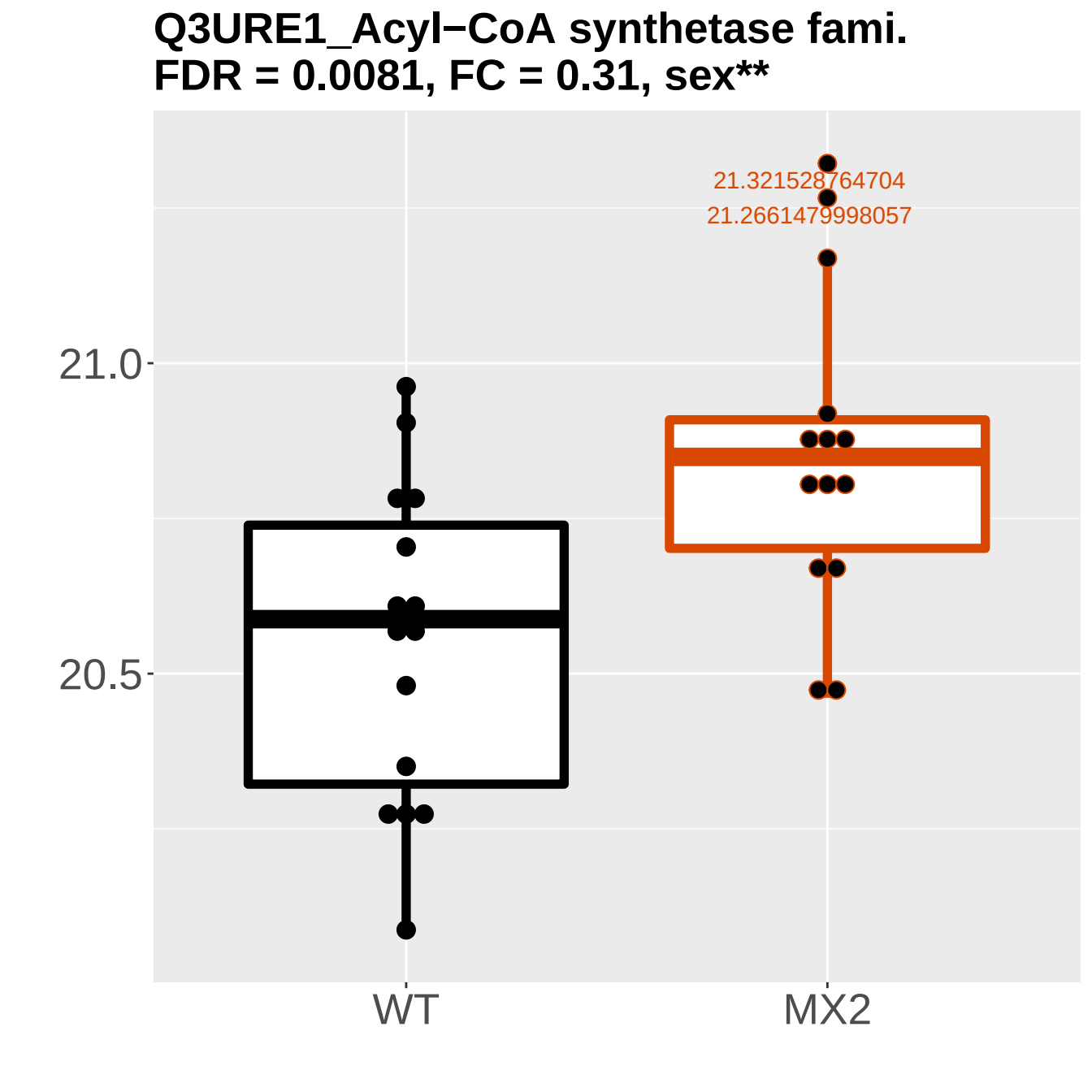

P56593_Cytochrome P450 2A12
FDR = 0.0072, FC = 0.22, sex*
27.2
27.0
26.8
26.6
26.6729329724159
WT
MX2

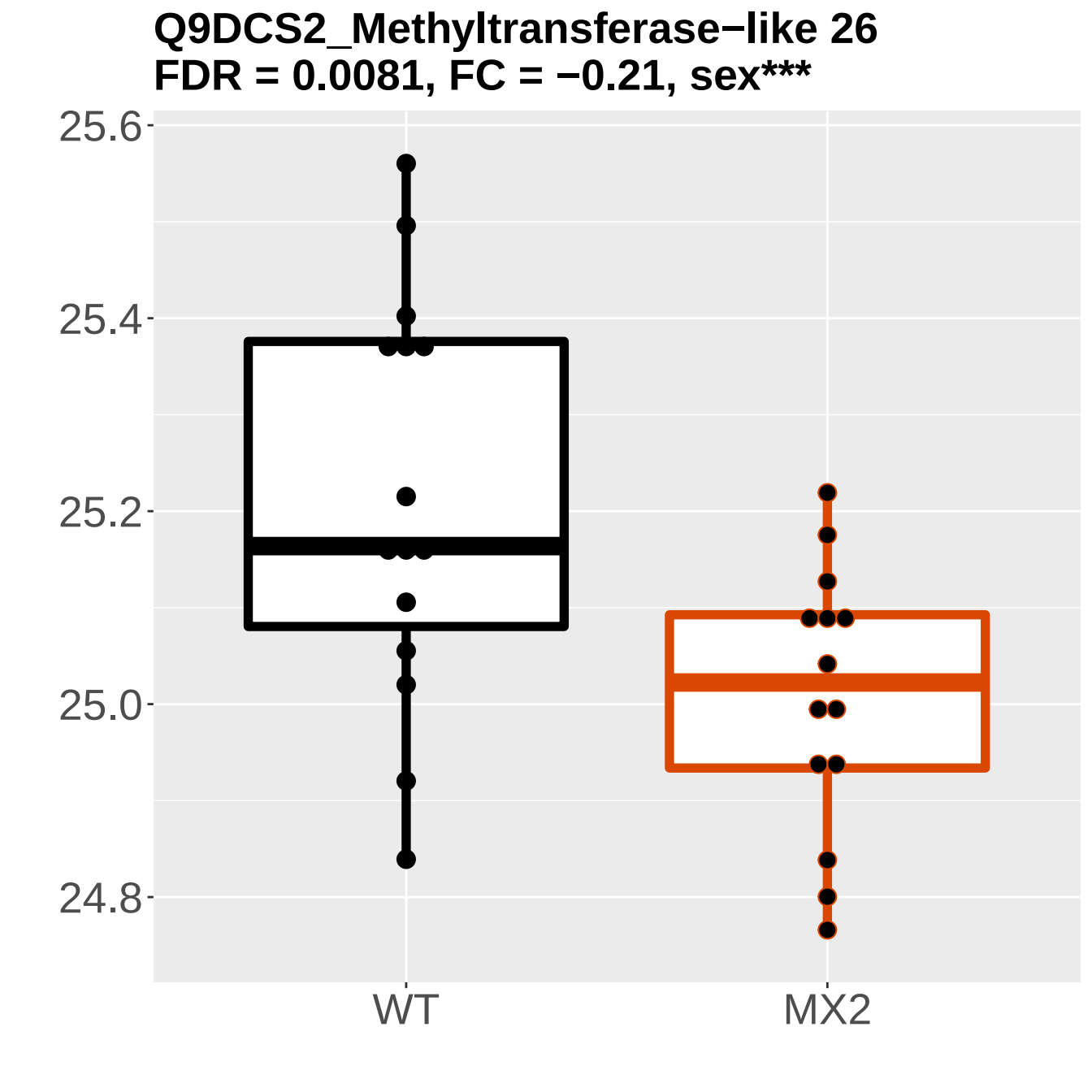

Q9D071_MMS19 nucleotide excisio.
FDR = 0.0076, FC = 0.29, sex***
18.0
17.6
17.2
16.8
WT
MX2

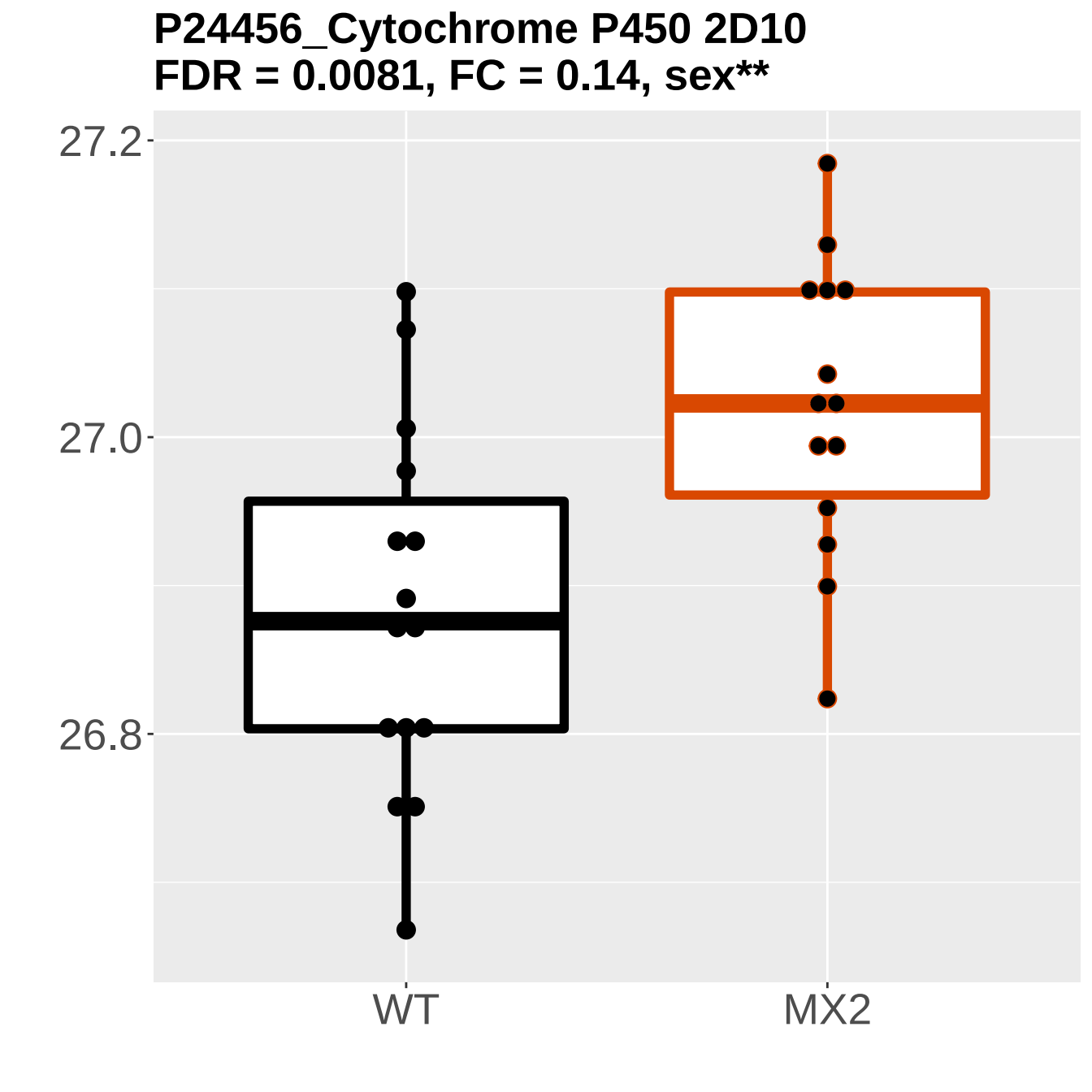

Q9QXT0_Protein canopy homolog 2
FDR = 0.0078, FC = −0.22, sex*
24.25
24.00
23.75
23.50
23.6780306501844
23.5659125389726
23.3909339536233
WT
MX2

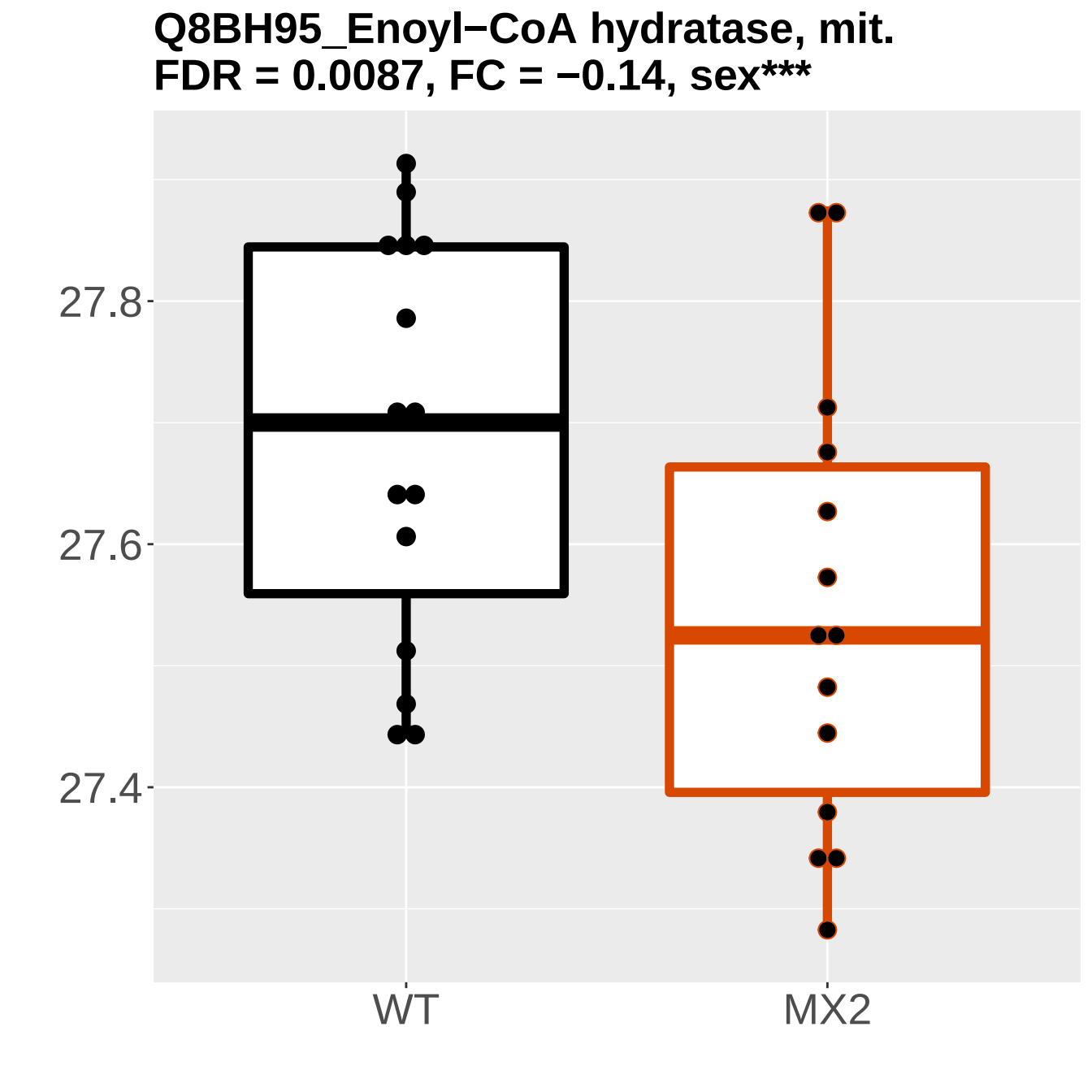

Q8R0Y6_Cytosolic 10−formyltetra.
FDR = 0.0078, FC = 0.23, sex***
31.00
30.75
30.50
30.25
30.00
30.0193465625843
WT
MX2

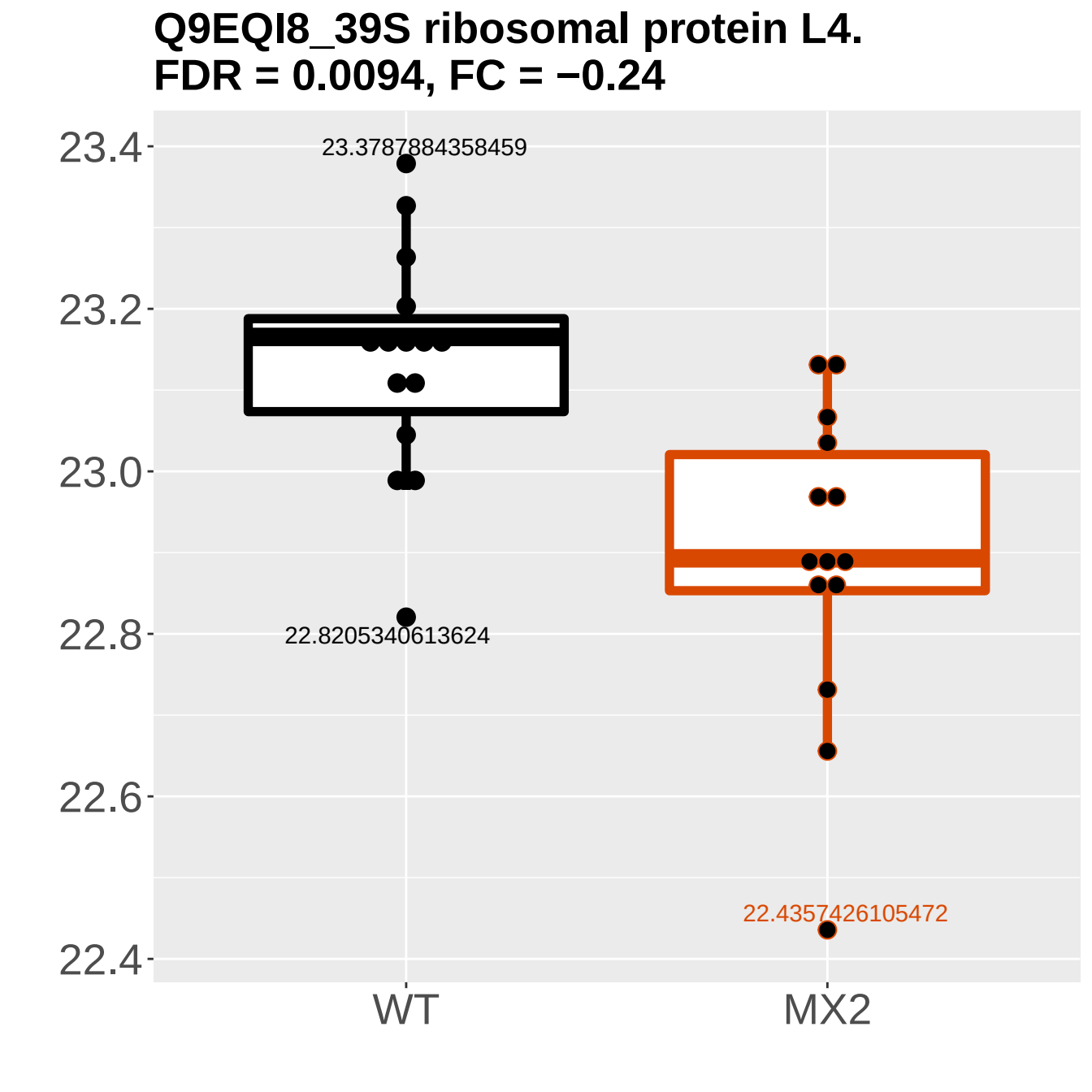

Q7TMF3_NADH dehydrogenase [ubiq.
FDR = 0.0078, FC = −0.2
25.0
24.8
24.6
24.4
WT
MX2

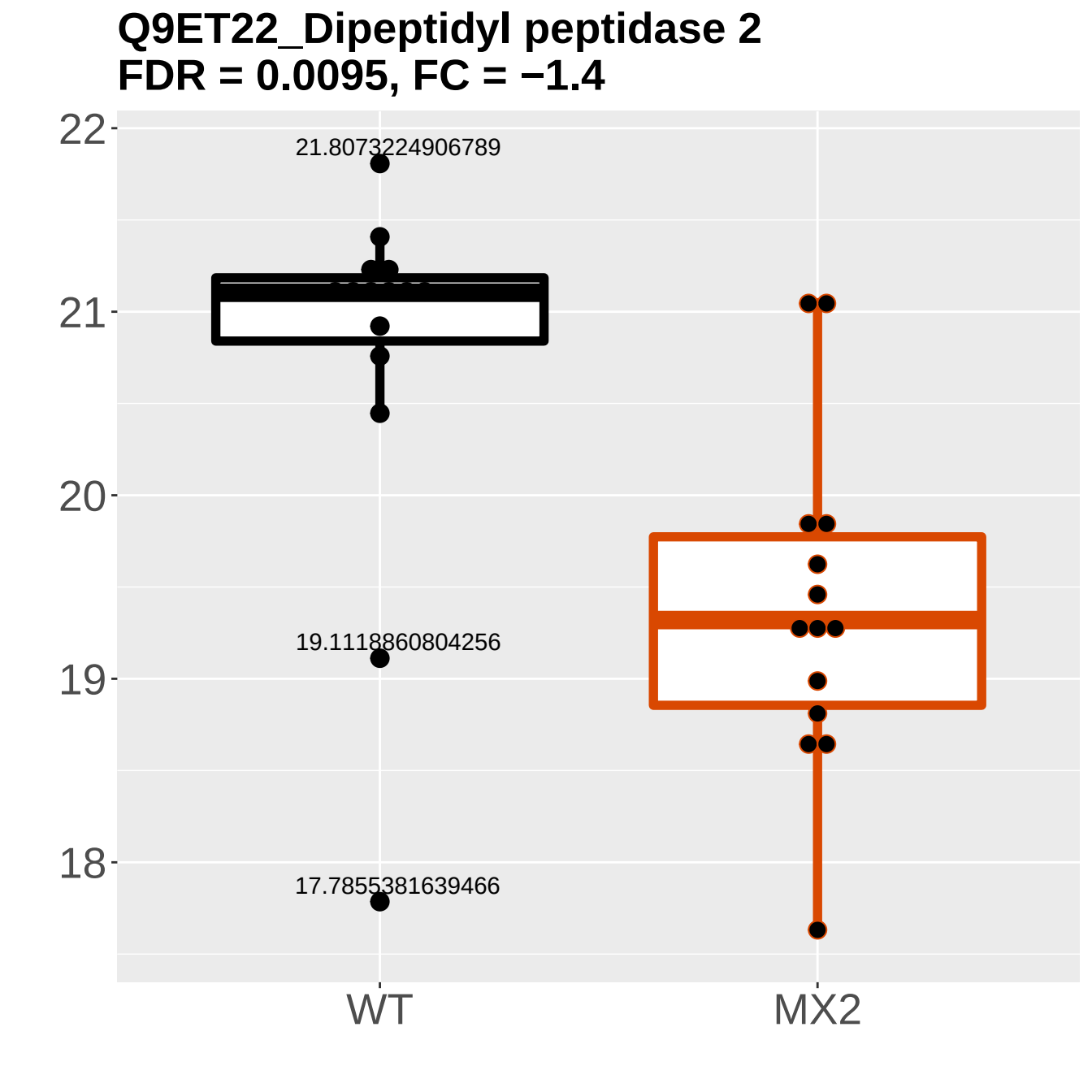

Q3URE1_Acyl−CoA synthetase fami.
FDR = 0.0081, FC = 0.31, sex**
21.321528764704
21.2661479998057
21.0
20.5
WT
MX2

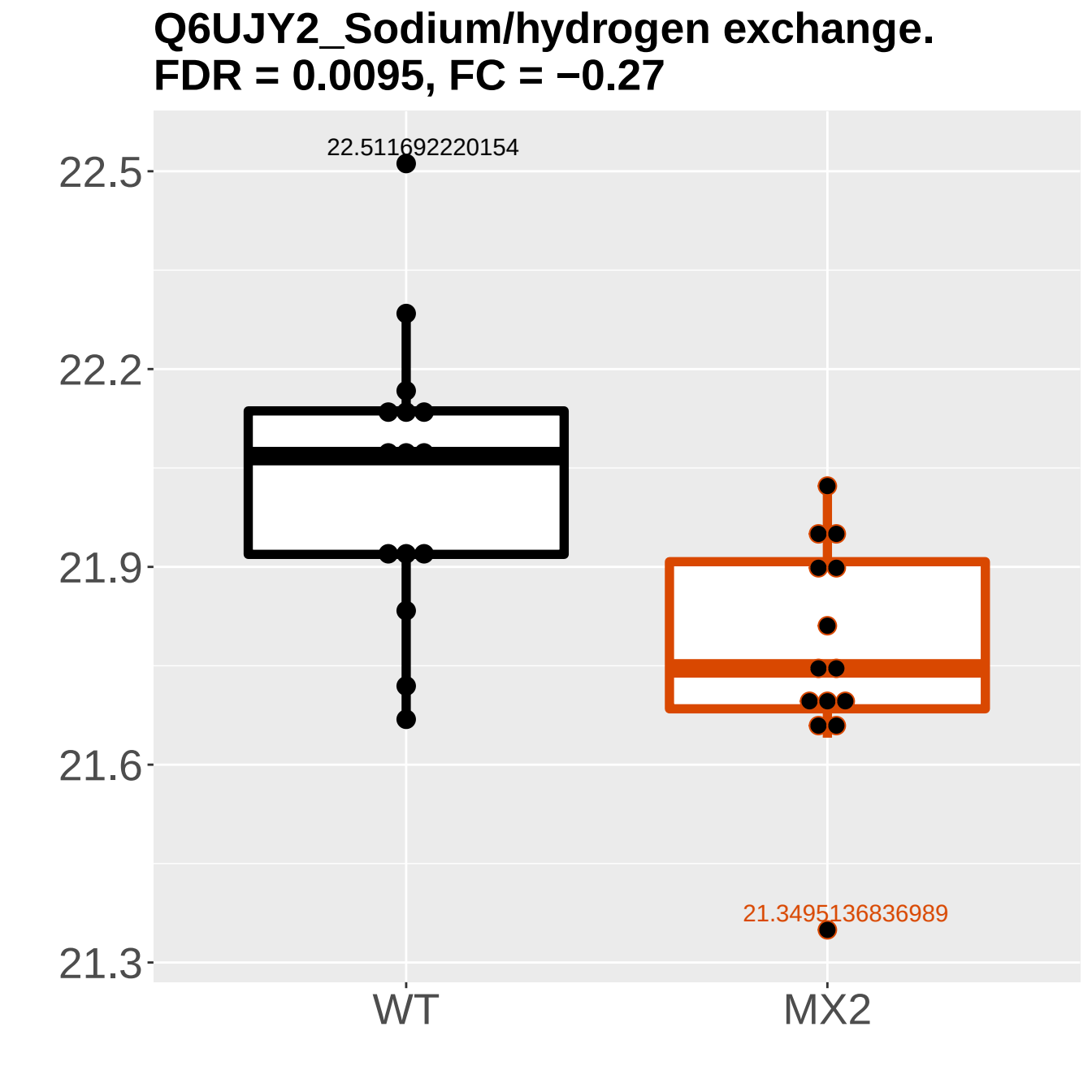

Q9DCS2_Methyltransferase−like 26
FDR = 0.0081, FC = −0.21, sex***
25.6
25.4
25.2
25.0
24.8
WT
MX2

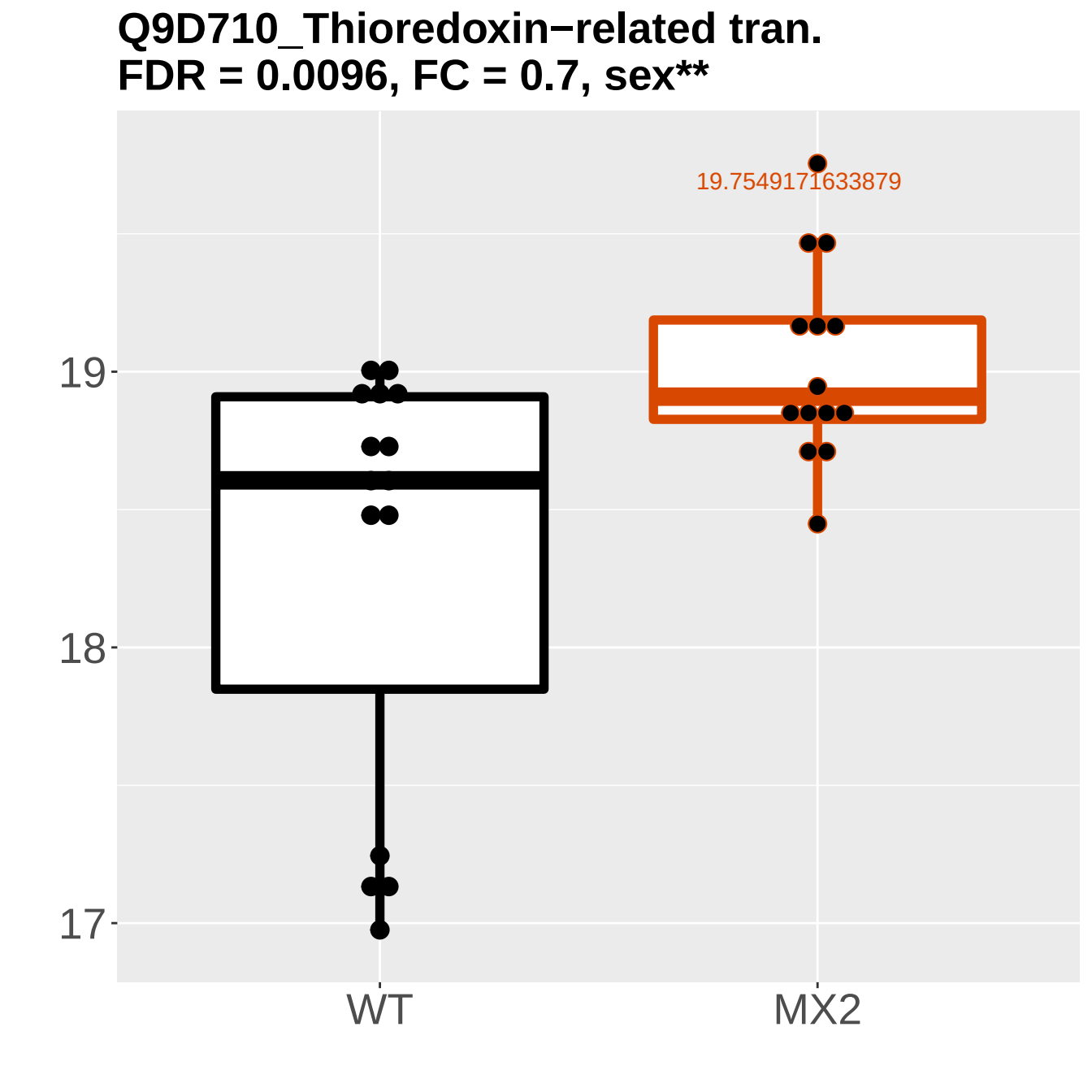

P24456_Cytochrome P450 2D10
FDR = 0.0081, FC = 0.14, sex**
27.2
27.0
26.8
WT
MX2

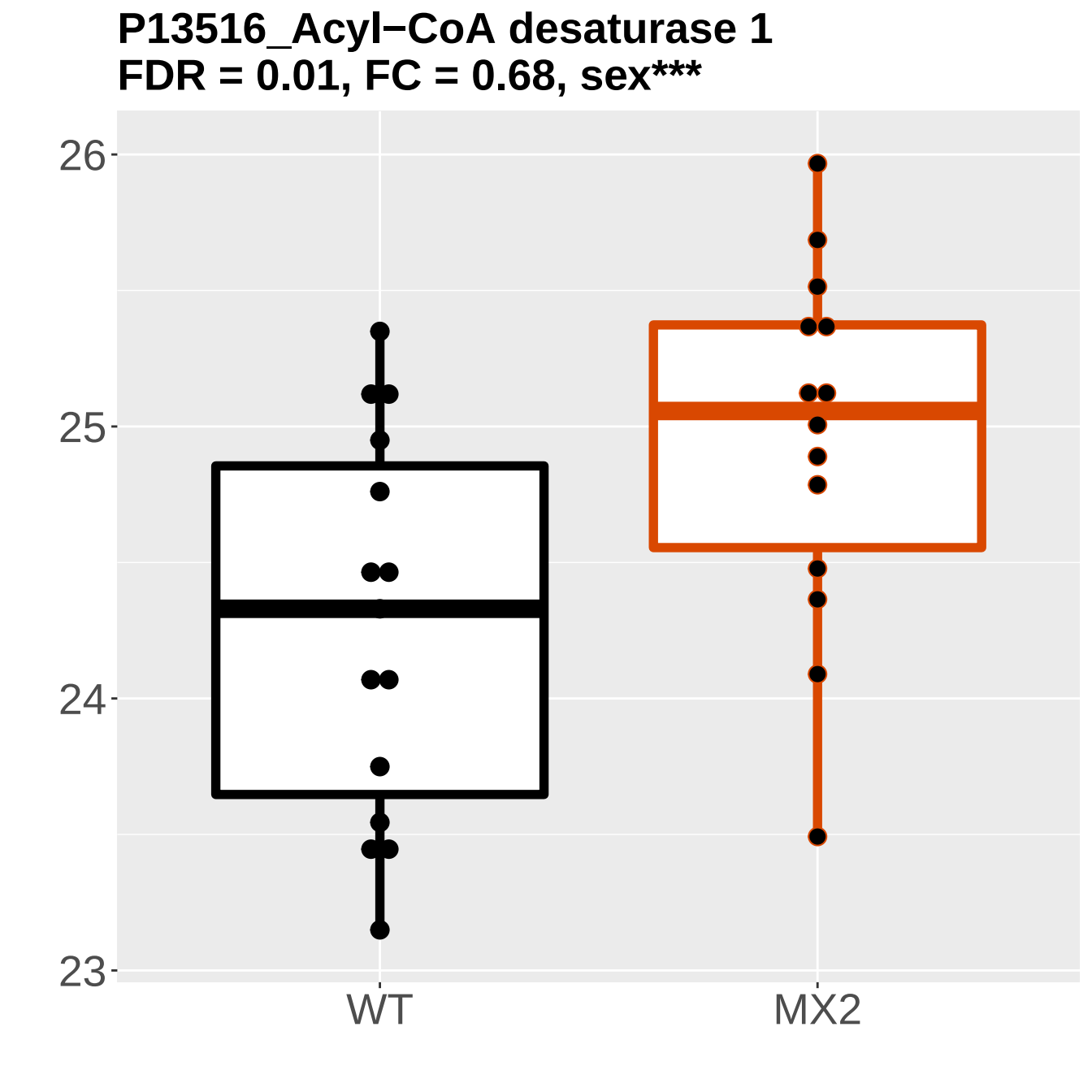

Q8BH95_Enoyl−CoA hydratase, mit.
FDR = 0.0087, FC = −0.14, sex***
27.8
27.6
27.4
WT
MX2

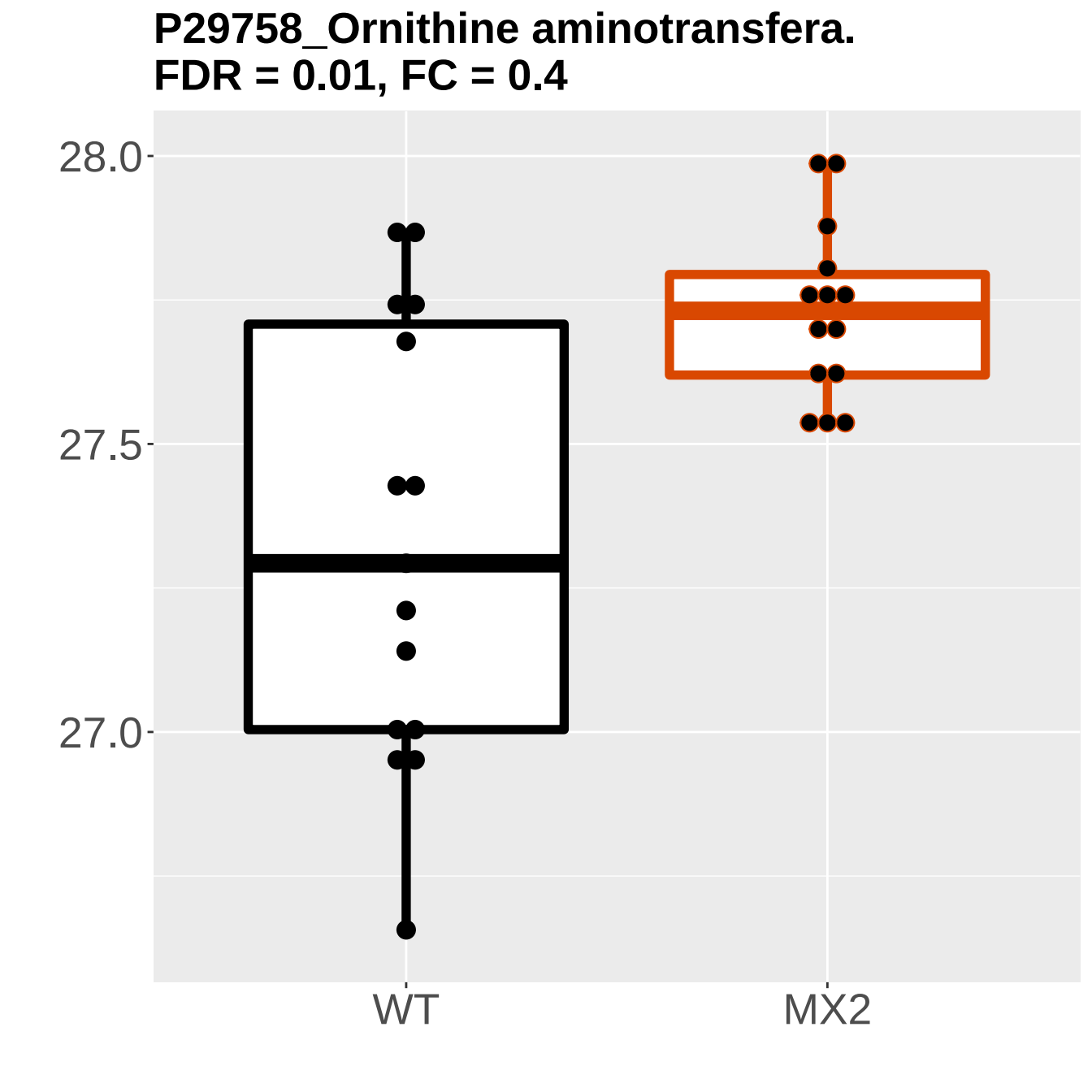

Q9EQI8_39S ribosomal protein L4.
FDR = 0.0094, FC = −0.24
23.4
23.2
23.0
22.8
22.6
22.4
23.3787884358459
22.8205340613624
22.4357426105472
WT
MX2

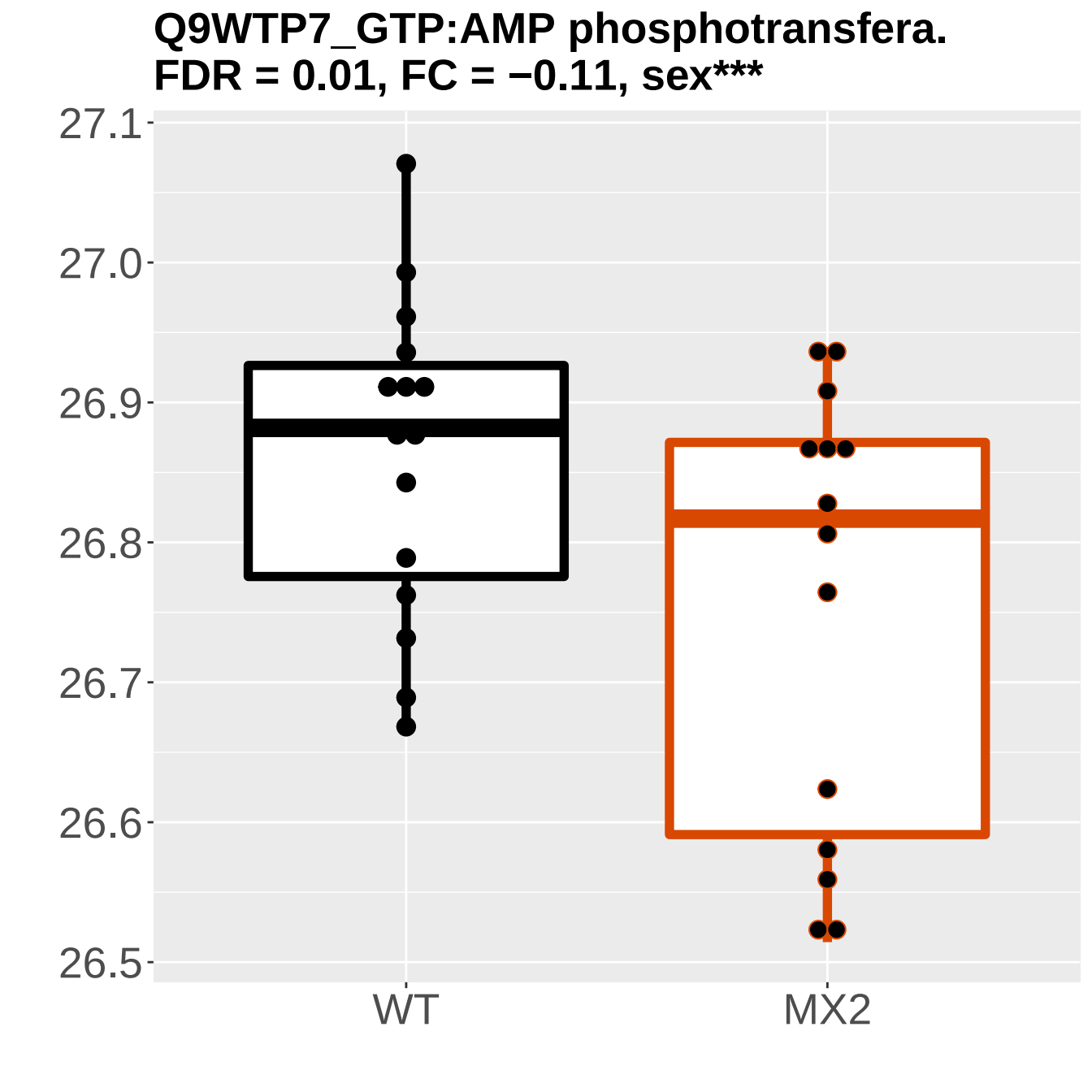

Q9ET22_Dipeptidyl peptidase 2
FDR = 0.0095, FC = −1.4
22
21
20
19
18
21.8073224906789
19.1118860804256
17.7855381639466
WT
MX2

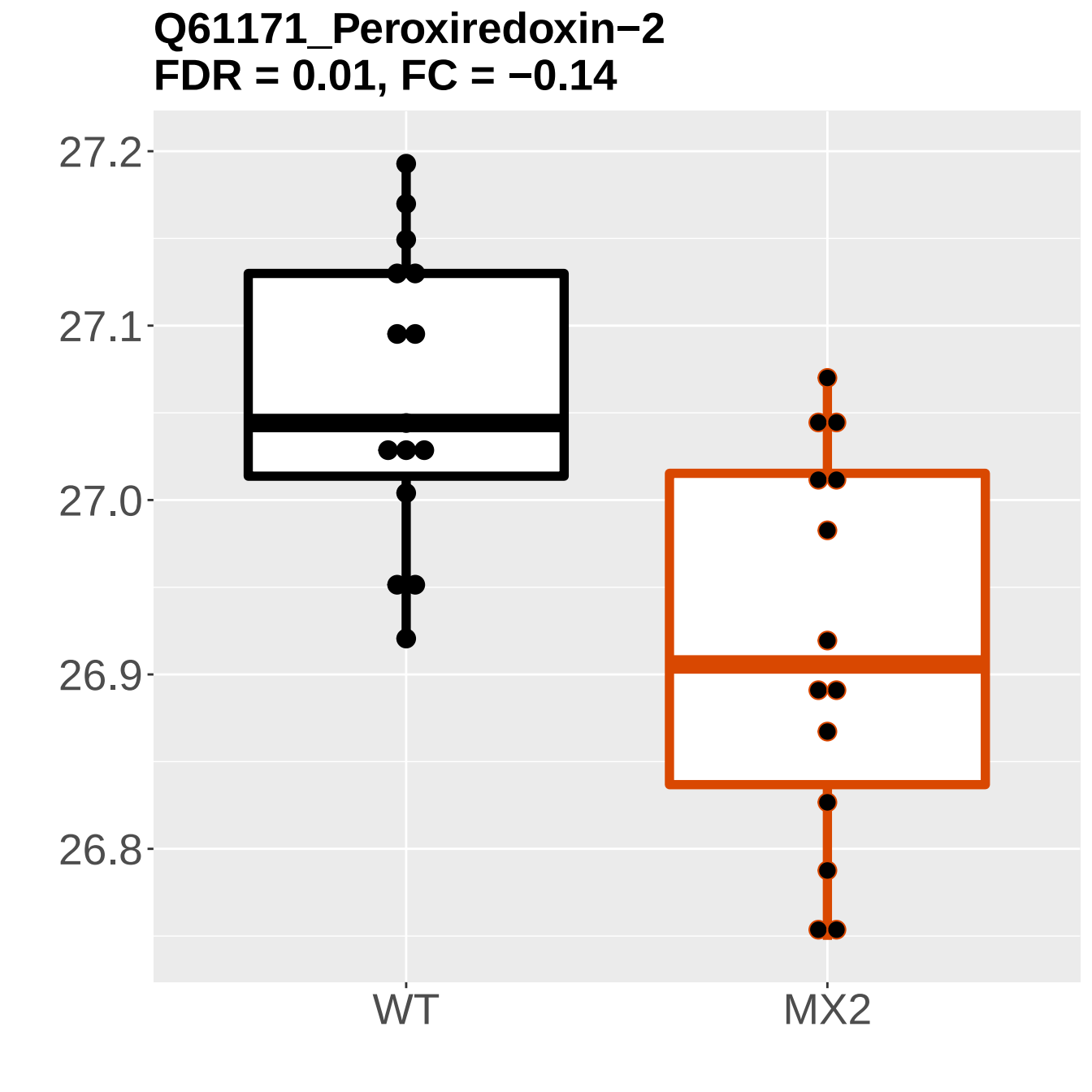

Q6UJY2_Sodium/hydrogen exchange.
FDR = 0.0095, FC = −0.27
22.511692220154
21.3495136836989
22.5
22.2
21.9
21.6
21.3
WT
MX2

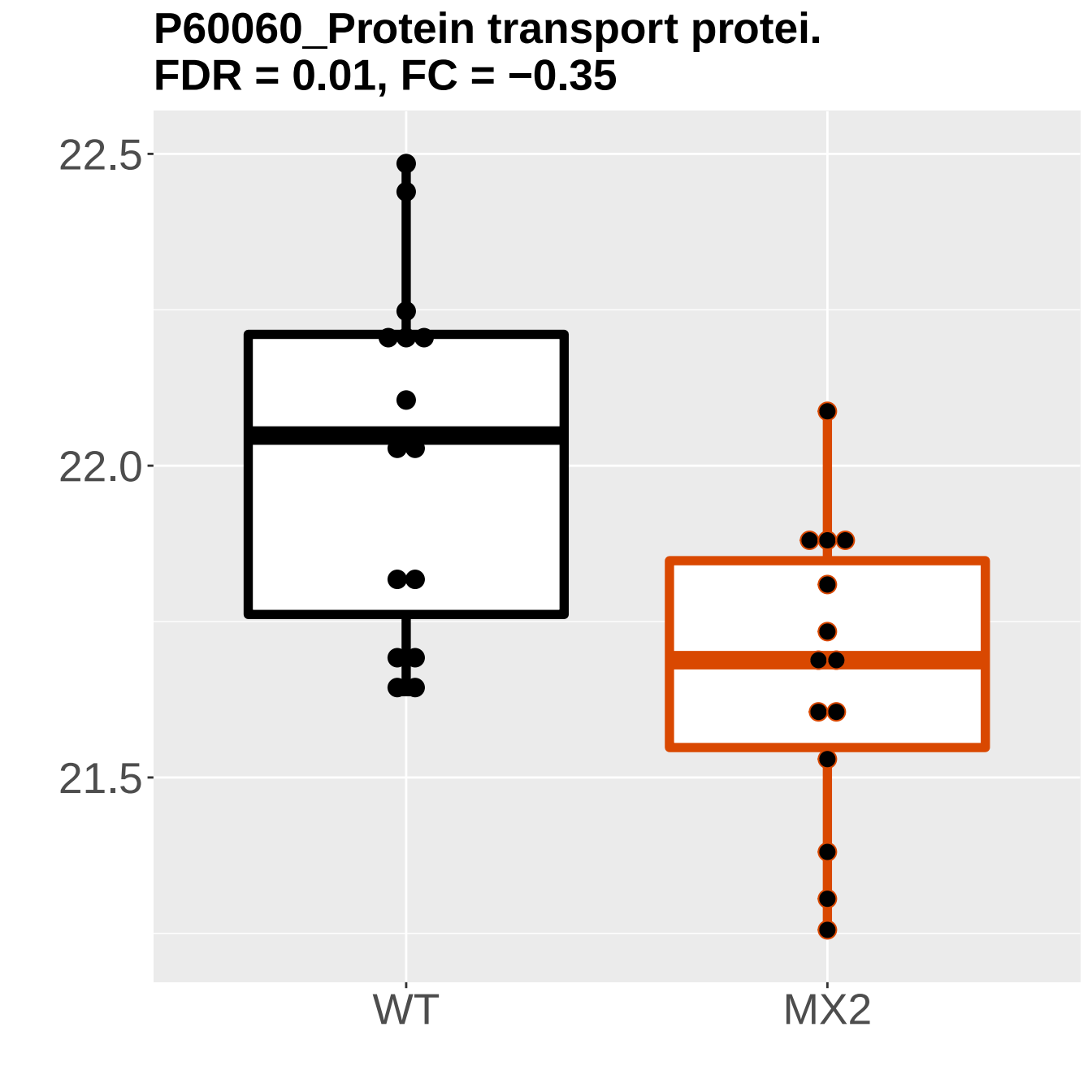

Q9D710_Thioredoxin−related tran.
FDR = 0.0096, FC = 0.7, sex**
19.7549171633879
19
18
17
WT
MX2

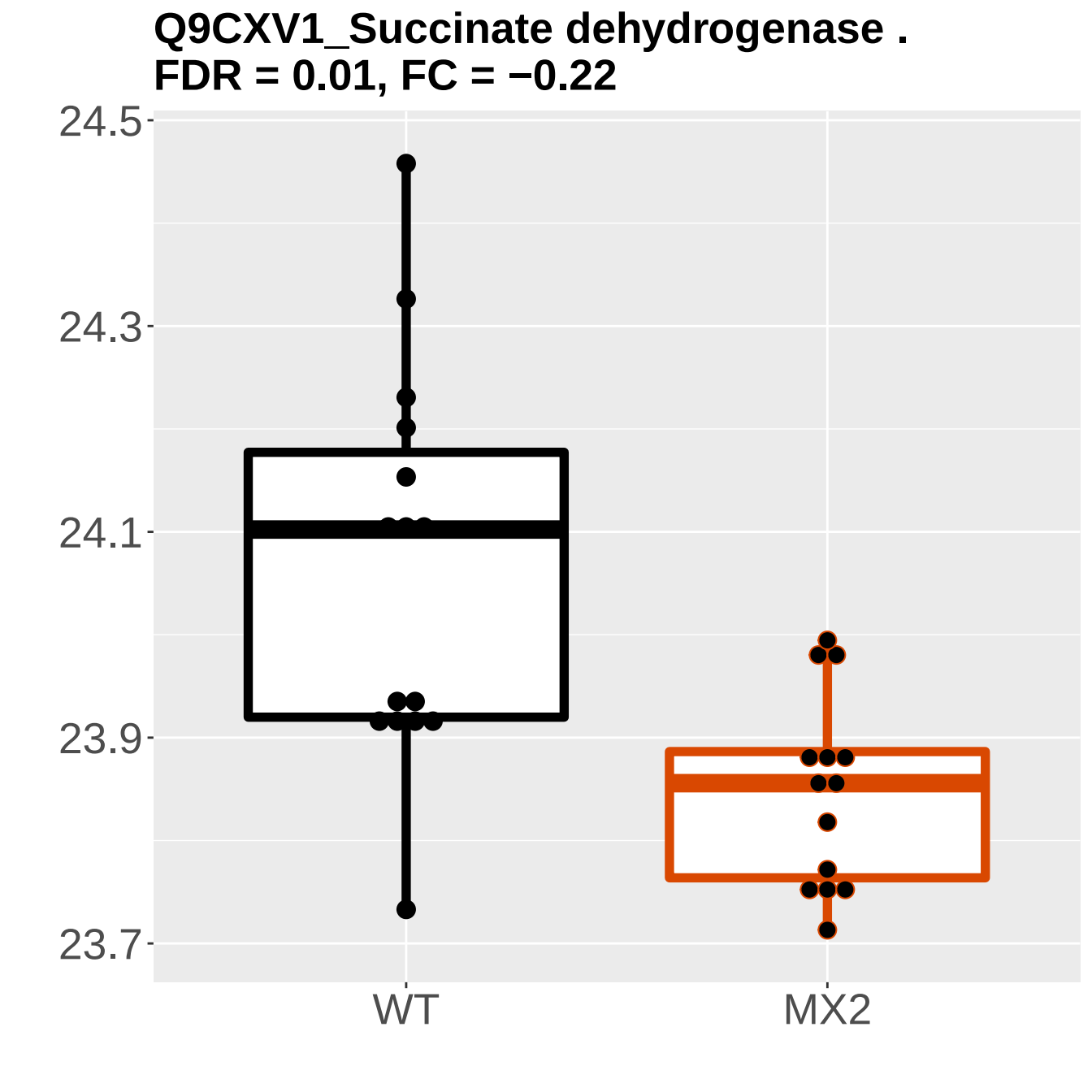

P13516_Acyl−CoA desaturase 1
FDR = 0.01, FC = 0.68, sex***
26
25
24
23
WT
MX2

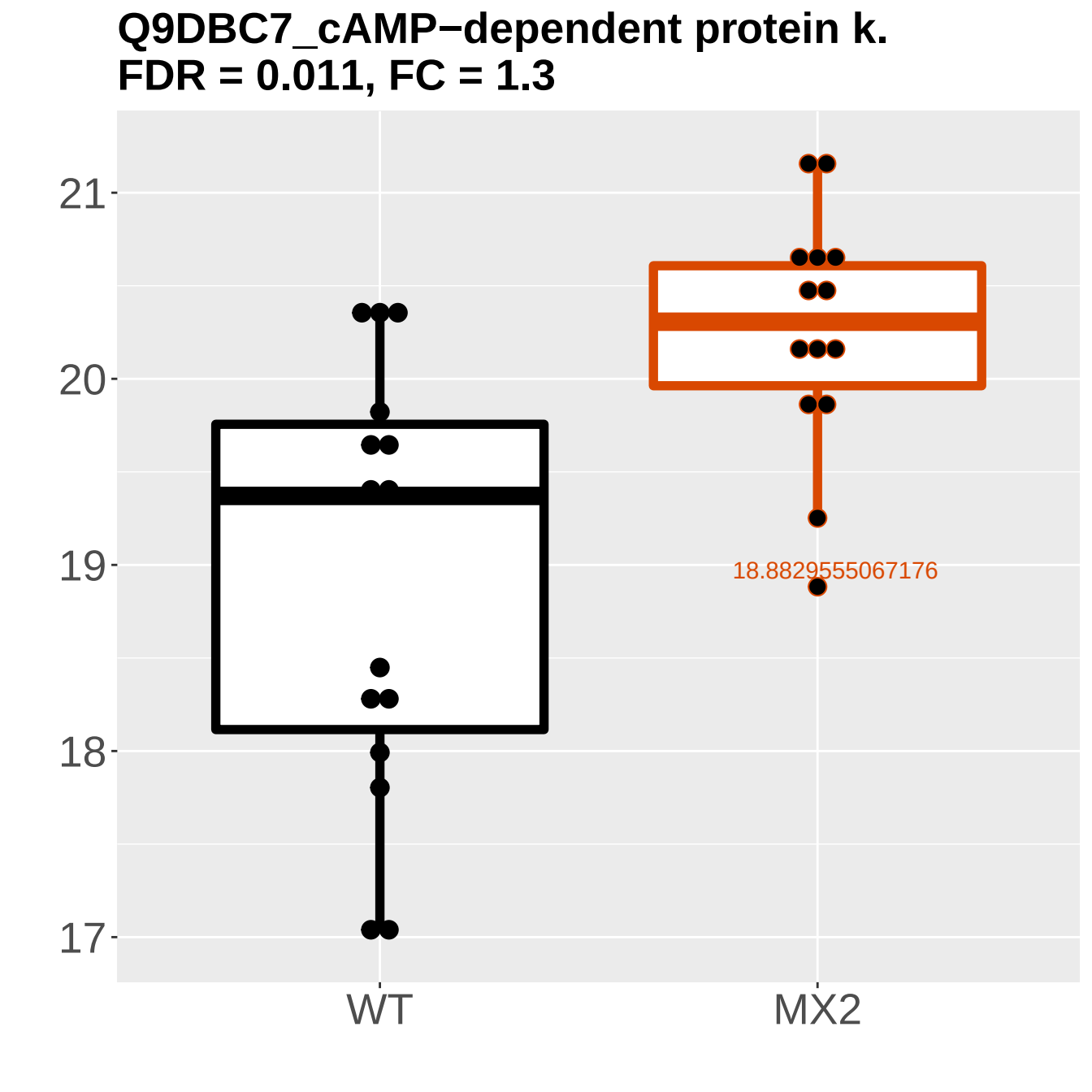

P29758_Ornithine aminotransfera.
FDR = 0.01, FC = 0.4
28.0
27.5
27.0
WT
MX2

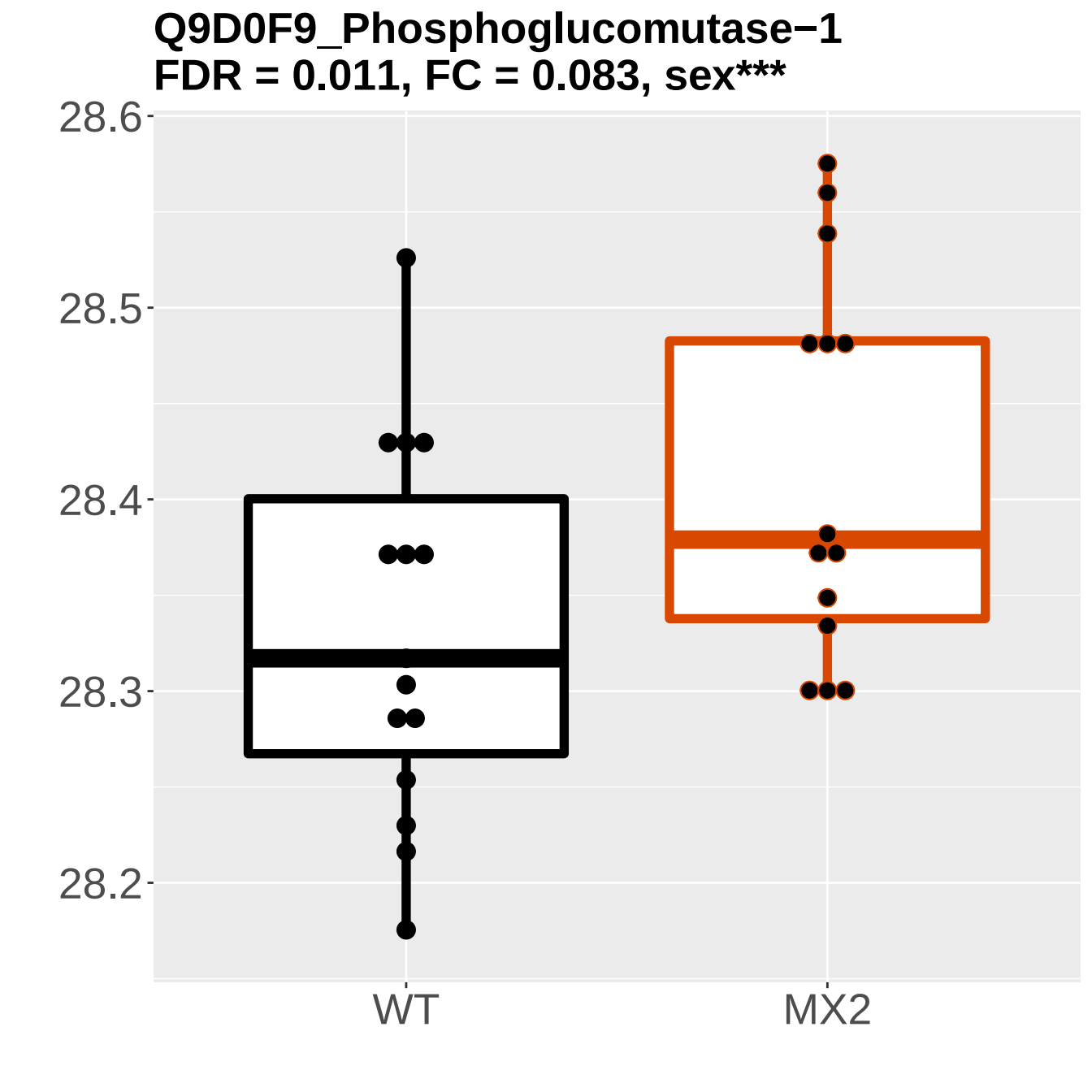

Q9WTP7_GTP:AMP phosphotransfera.
FDR = 0.01, FC = −0.11, sex***
27.1
27.0
26.9
26.8
26.7
26.6
26.5
WT
MX2

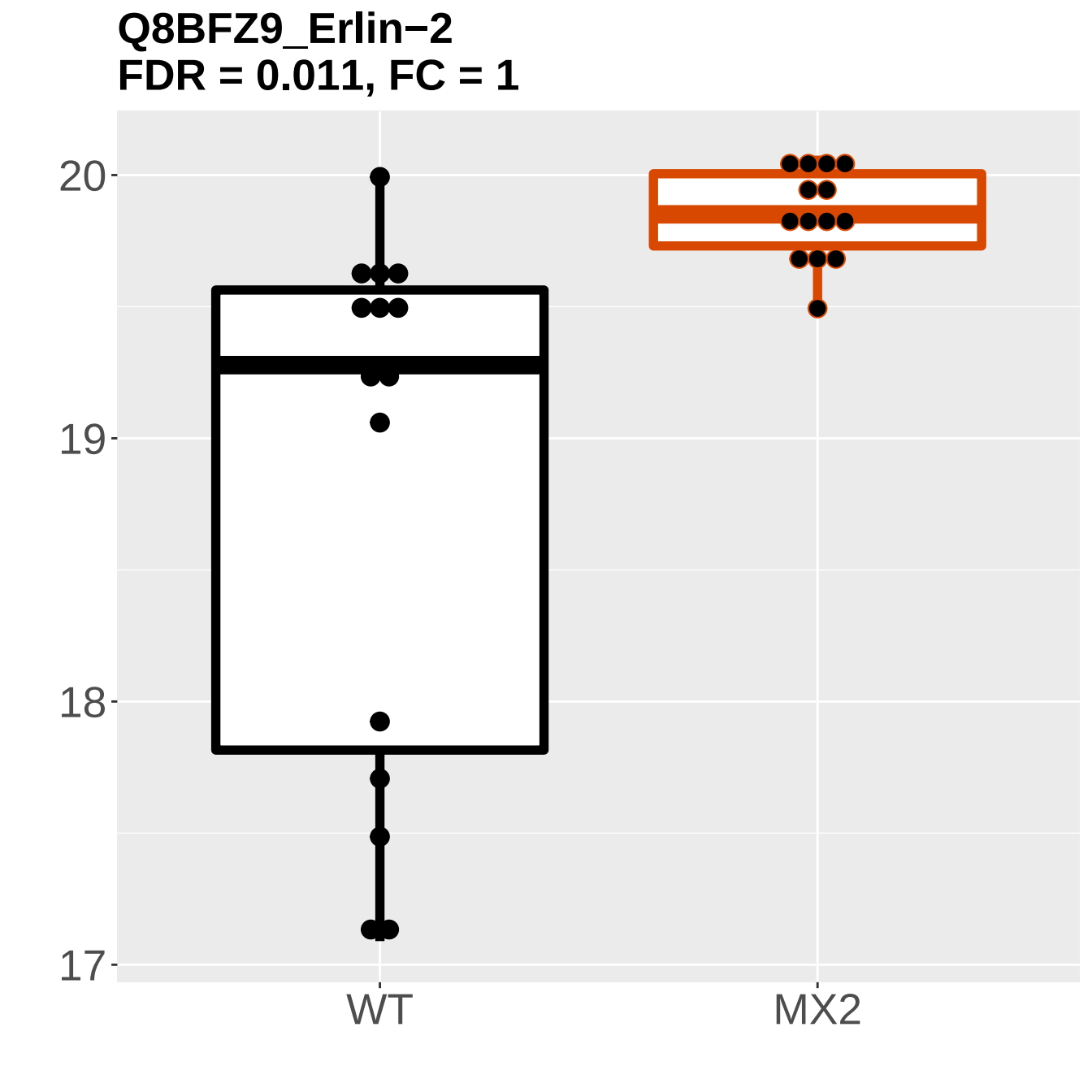

Q61171_Peroxiredoxin−2
FDR = 0.01, FC = −0.14
27.2
27.1
27.0
26.9
26.8
WT
MX2

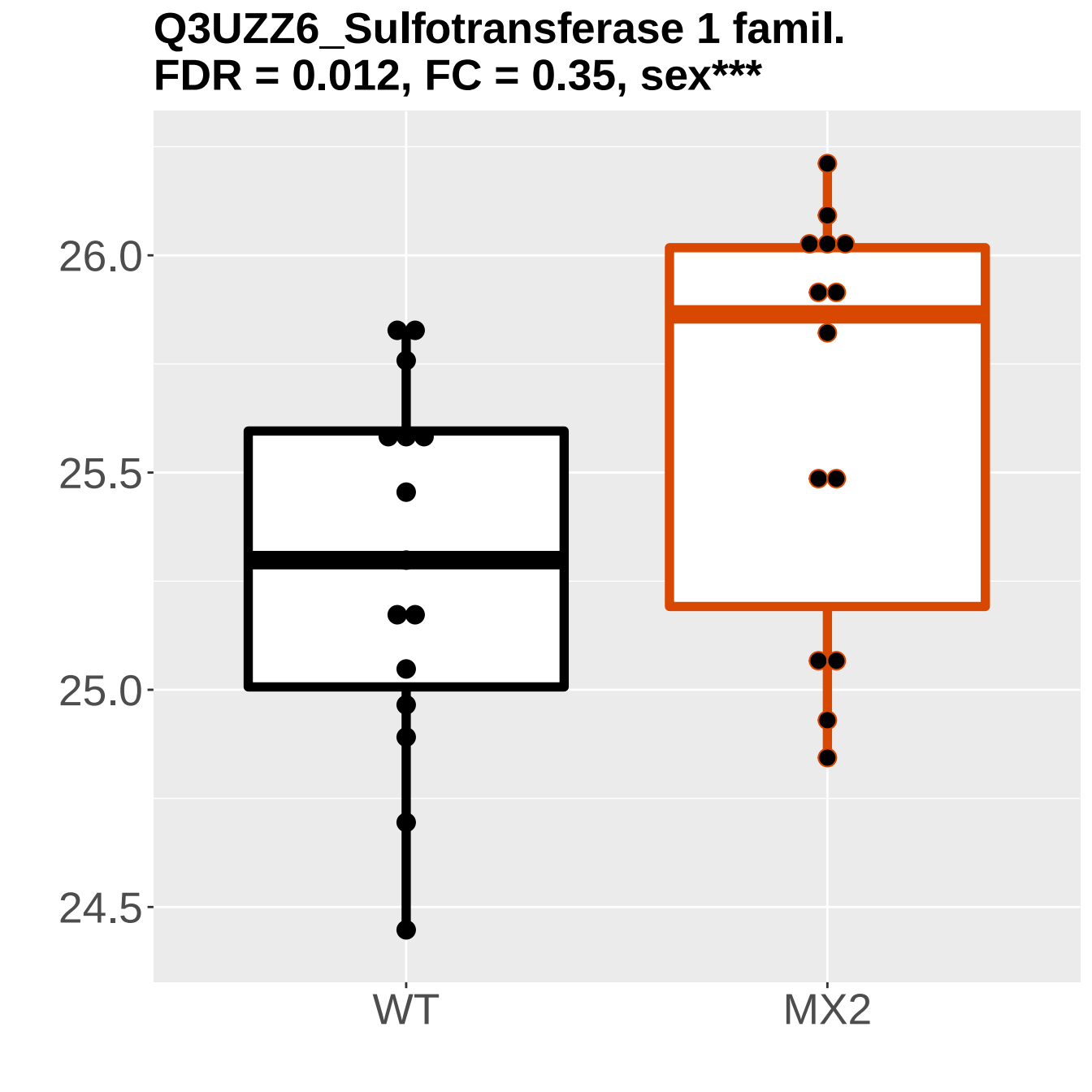

P60060_Protein transport protei.
FDR = 0.01, FC = −0.35
22.5
22.0
21.5
WT
MX2

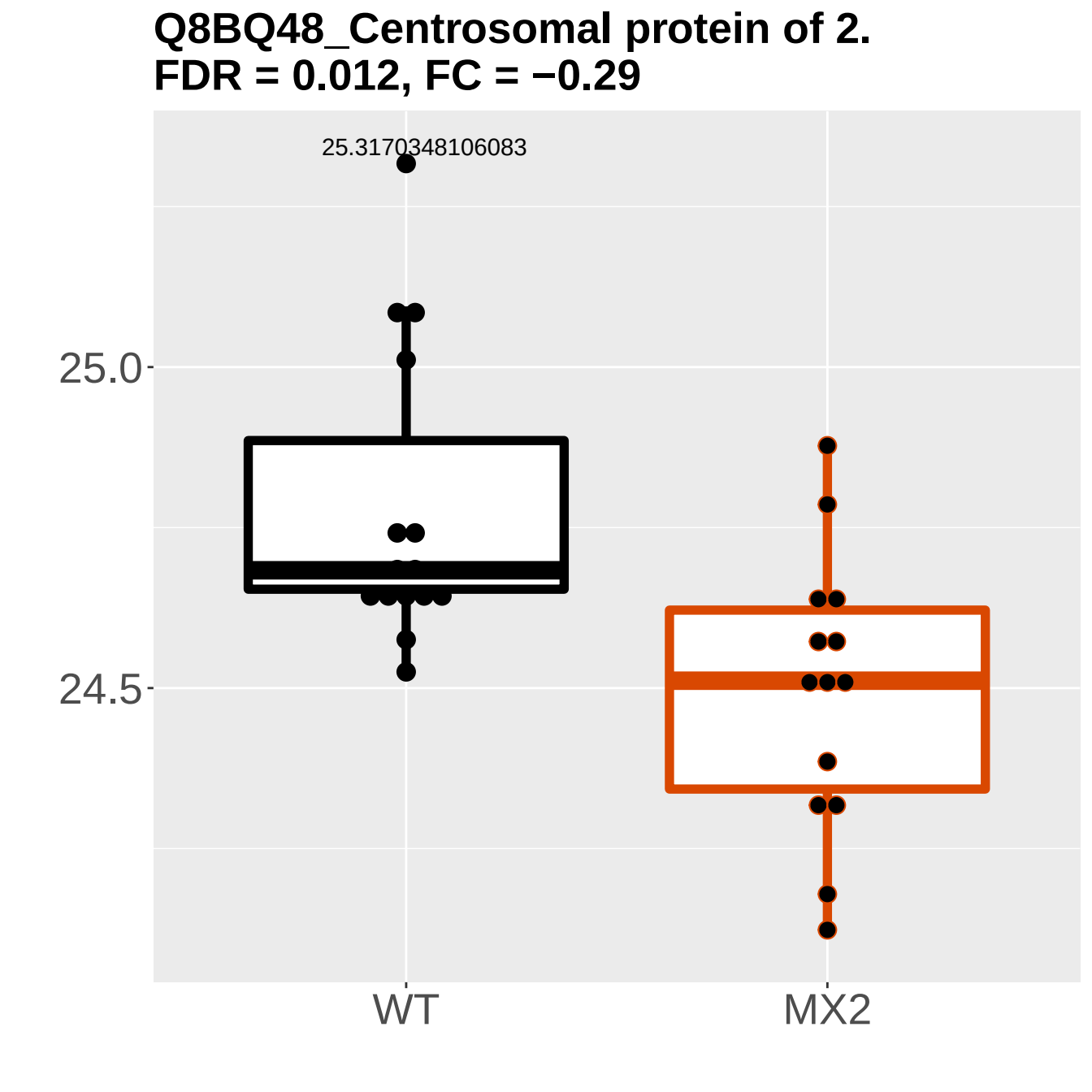

Q9CXV1_Succinate dehydrogenase .
FDR = 0.01, FC = −0.22
24.5
24.3
24.1
23.9
23.7
WT
MX2

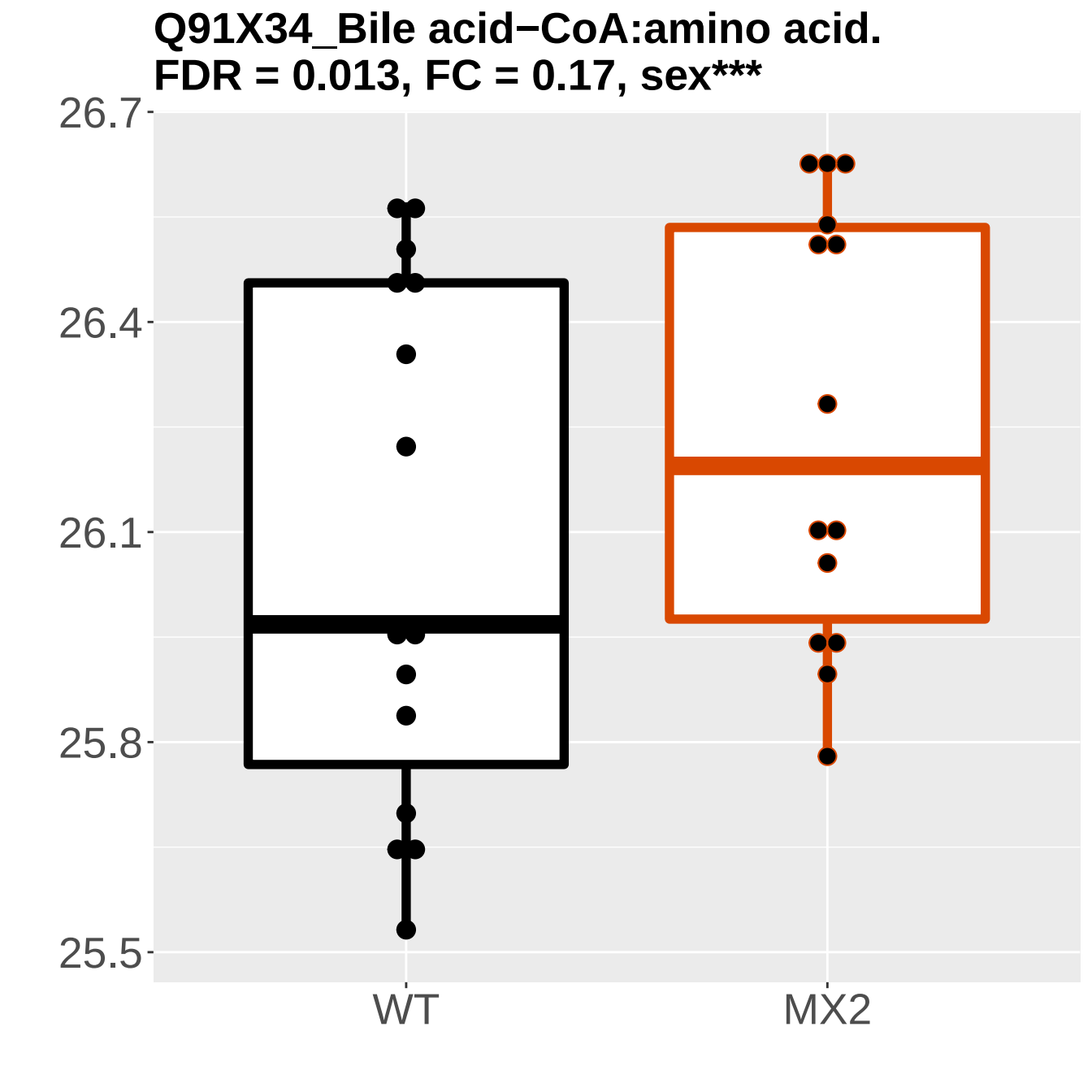

Q9DBC7_cAMP−dependent protein k.
FDR = 0.011, FC = 1.3
21
20
19
18
17
18.8829555067176
WT
MX2

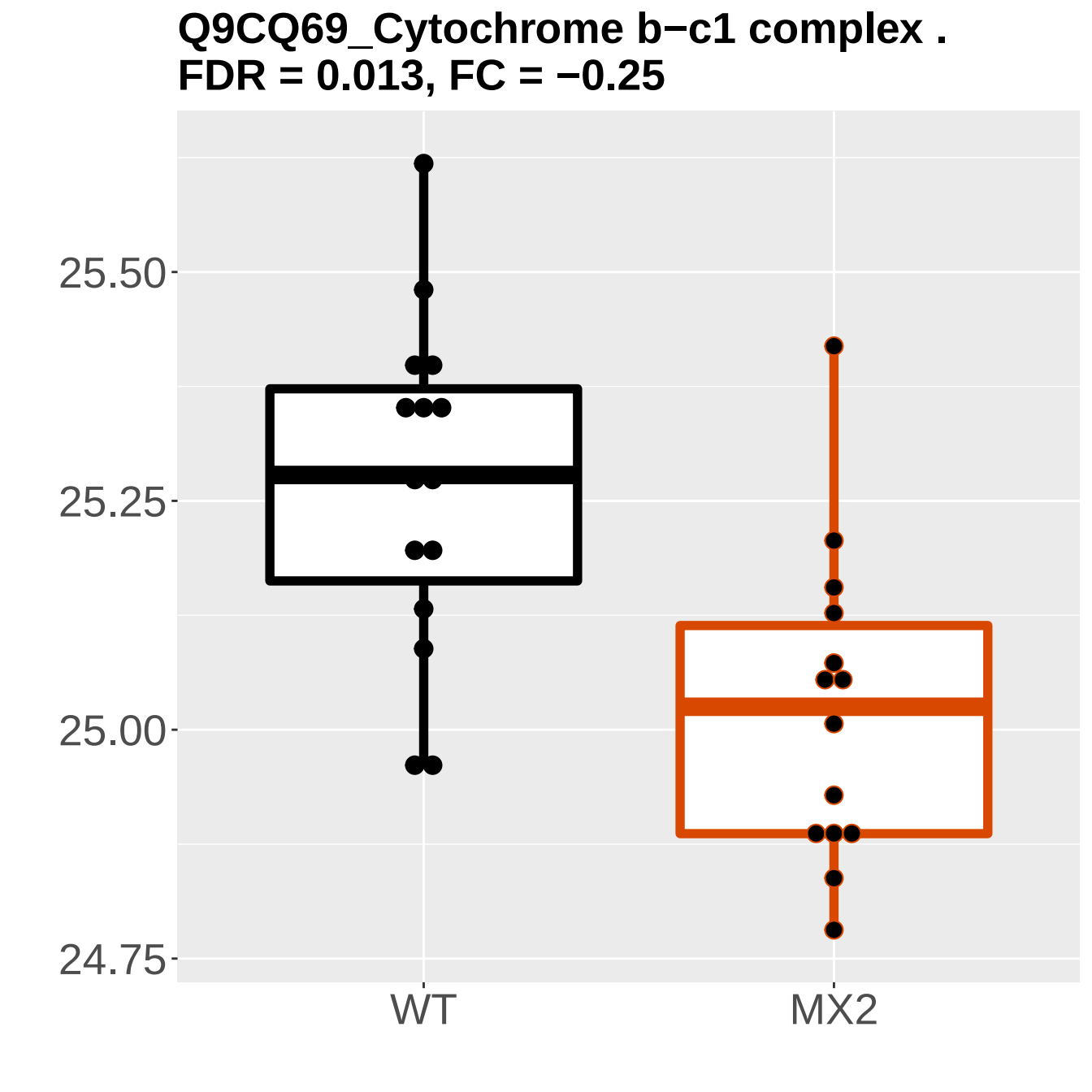

Q9D0F9_Phosphoglucomutase−1
FDR = 0.011, FC = 0.083, sex***
28.6
28.5
28.4
28.3
28.2
WT
MX2

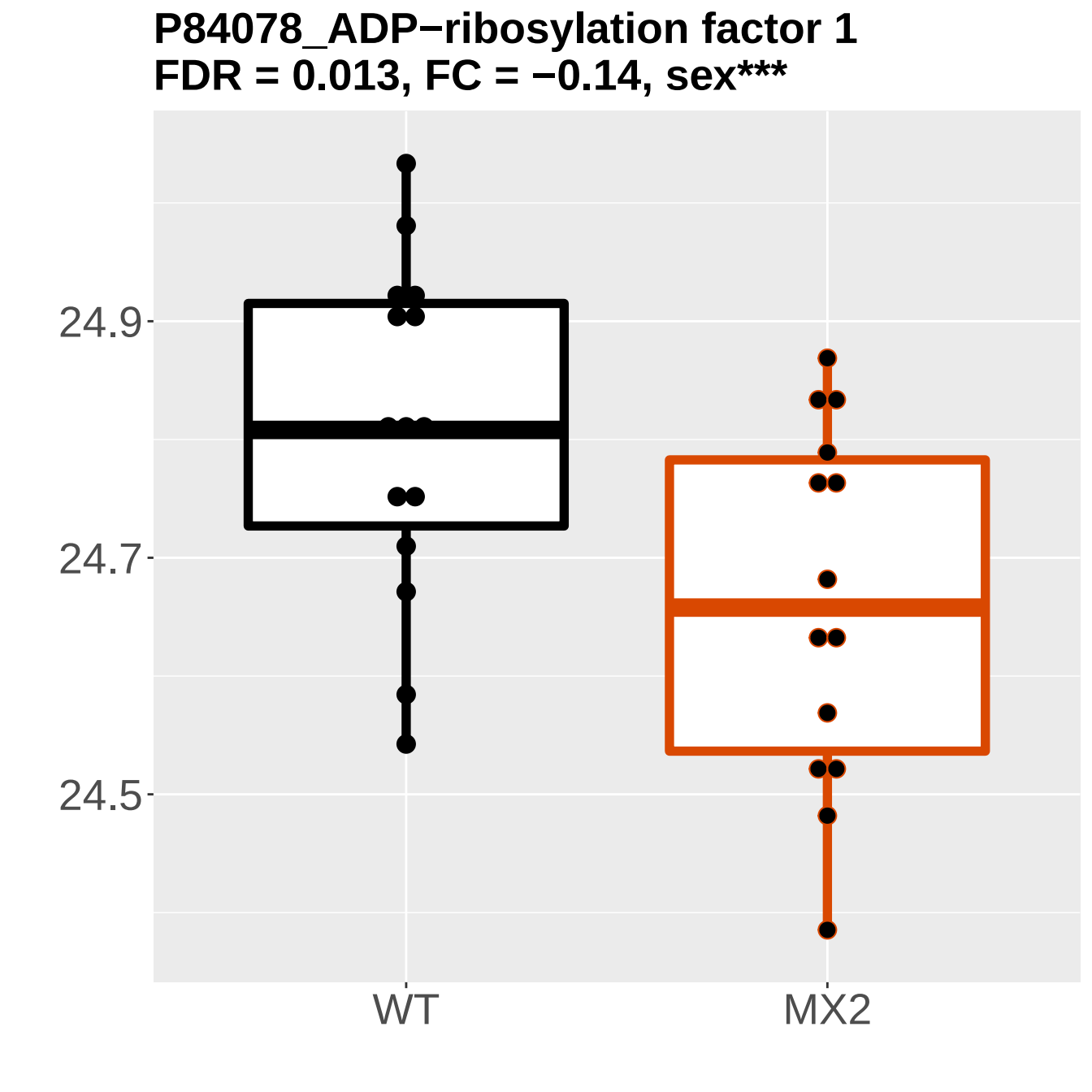

Q8BFZ9_Erlin−2
FDR = 0.011, FC = 1
20
19
18
17
WT
MX2

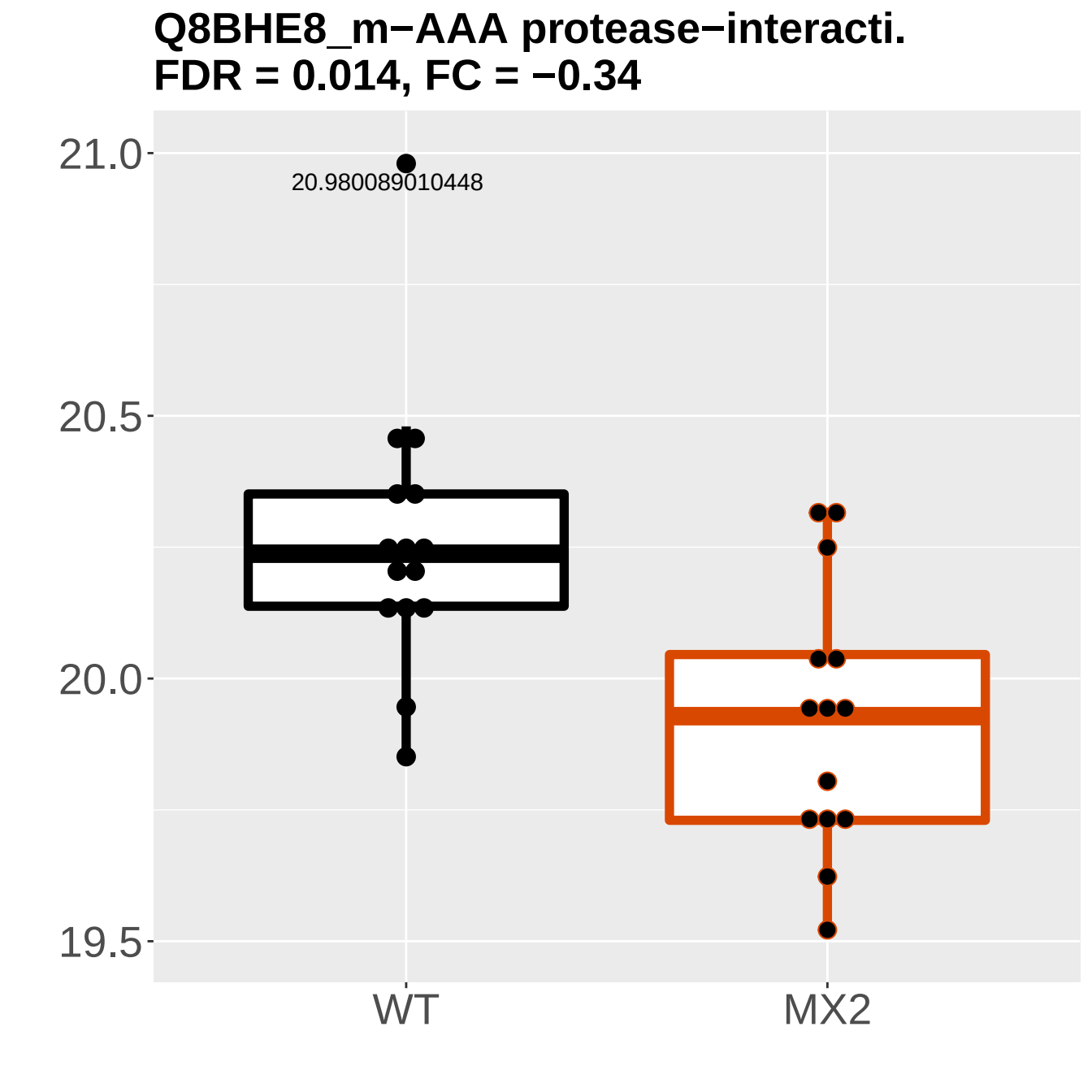

Q3UZZ6_Sulfotransferase 1 famil.
FDR = 0.012, FC = 0.35, sex***
26.0
25.5
25.0
24.5
WT
MX2

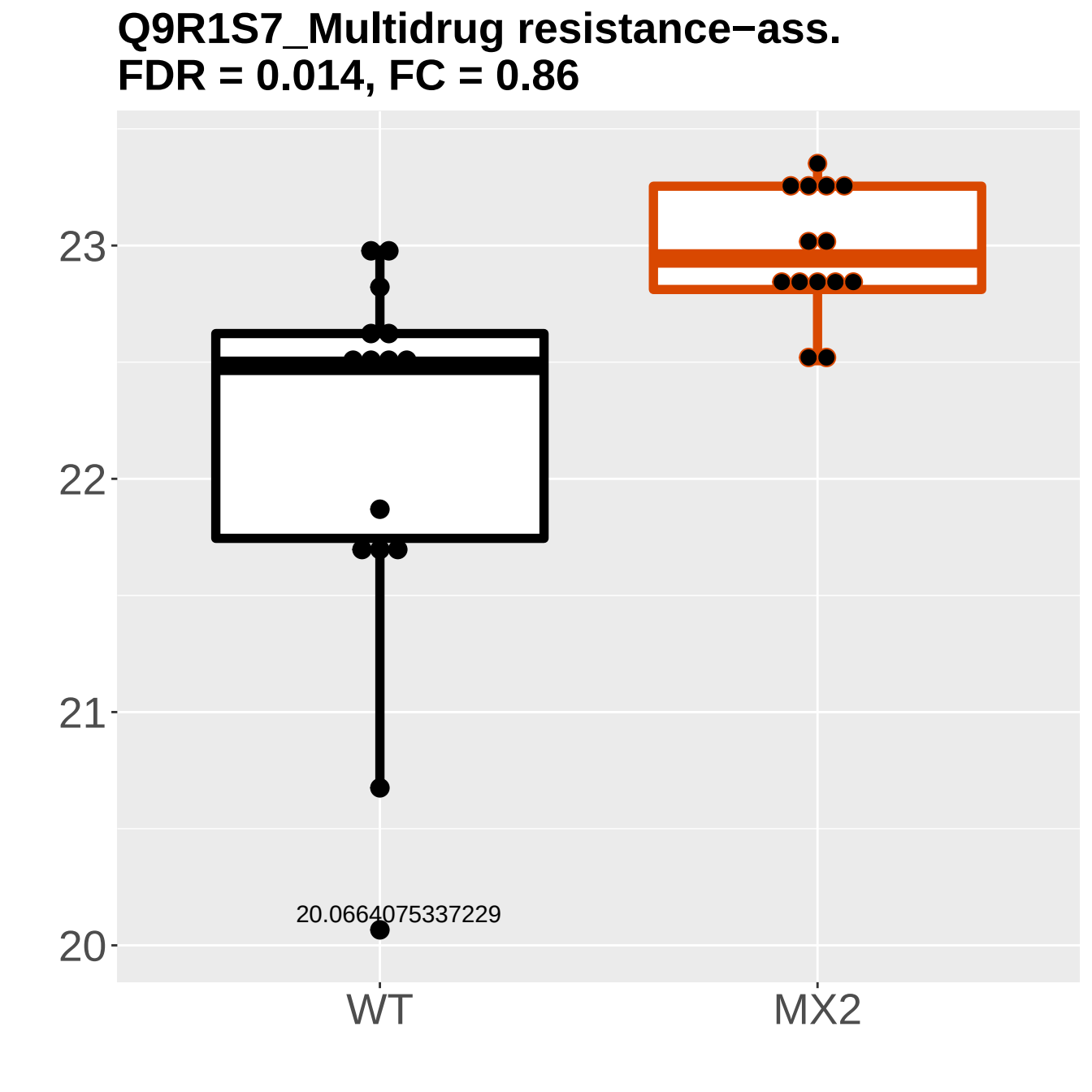

Q8BQ48_Centrosomal protein of 2.
FDR = 0.012, FC = −0.29
25.3170348106083
25.0
24.5
WT
MX2

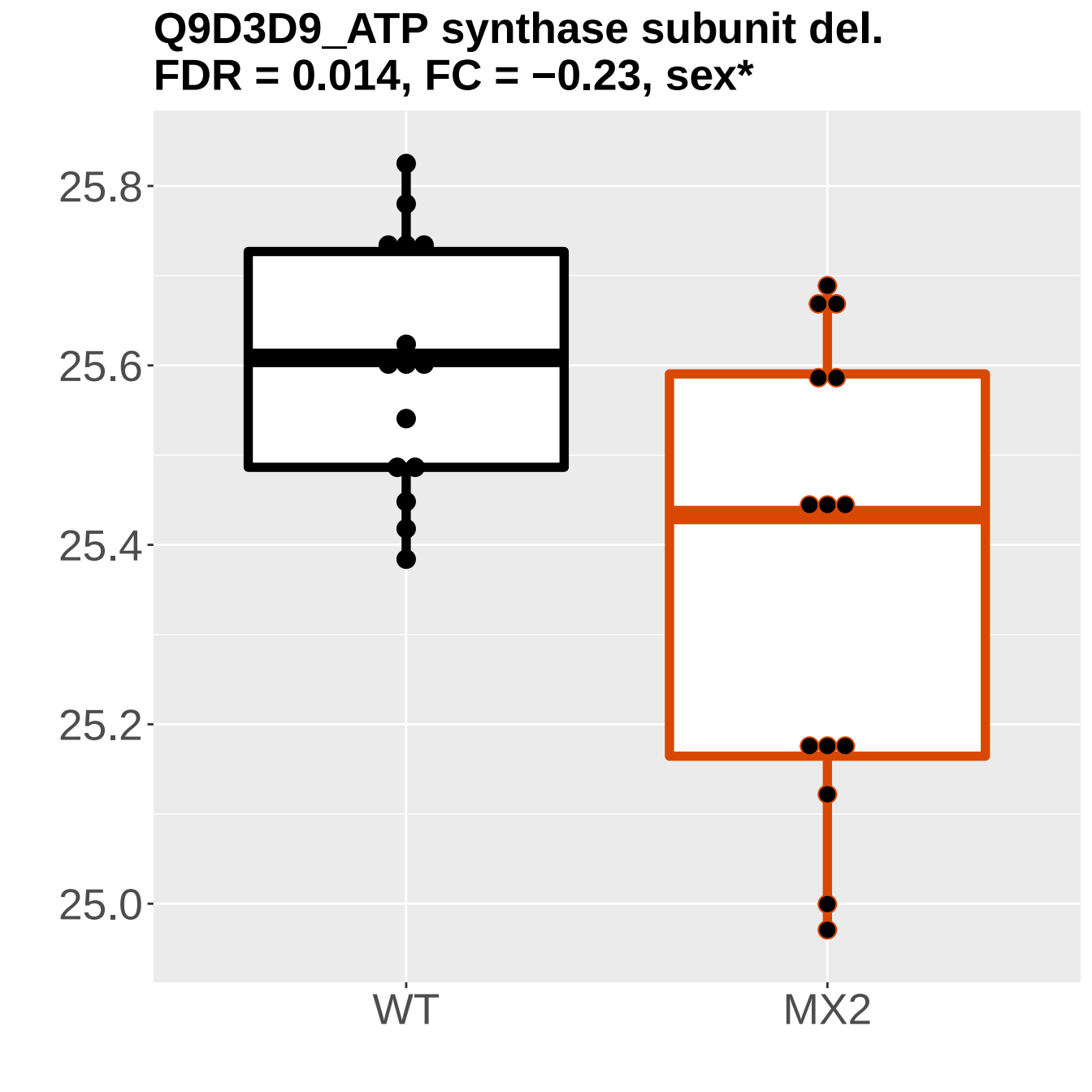

Q91X34_Bile acid−CoA:amino acid.
FDR = 0.013, FC = 0.17, sex***
26.7
26.4
26.1
25.8
25.5
WT
MX2

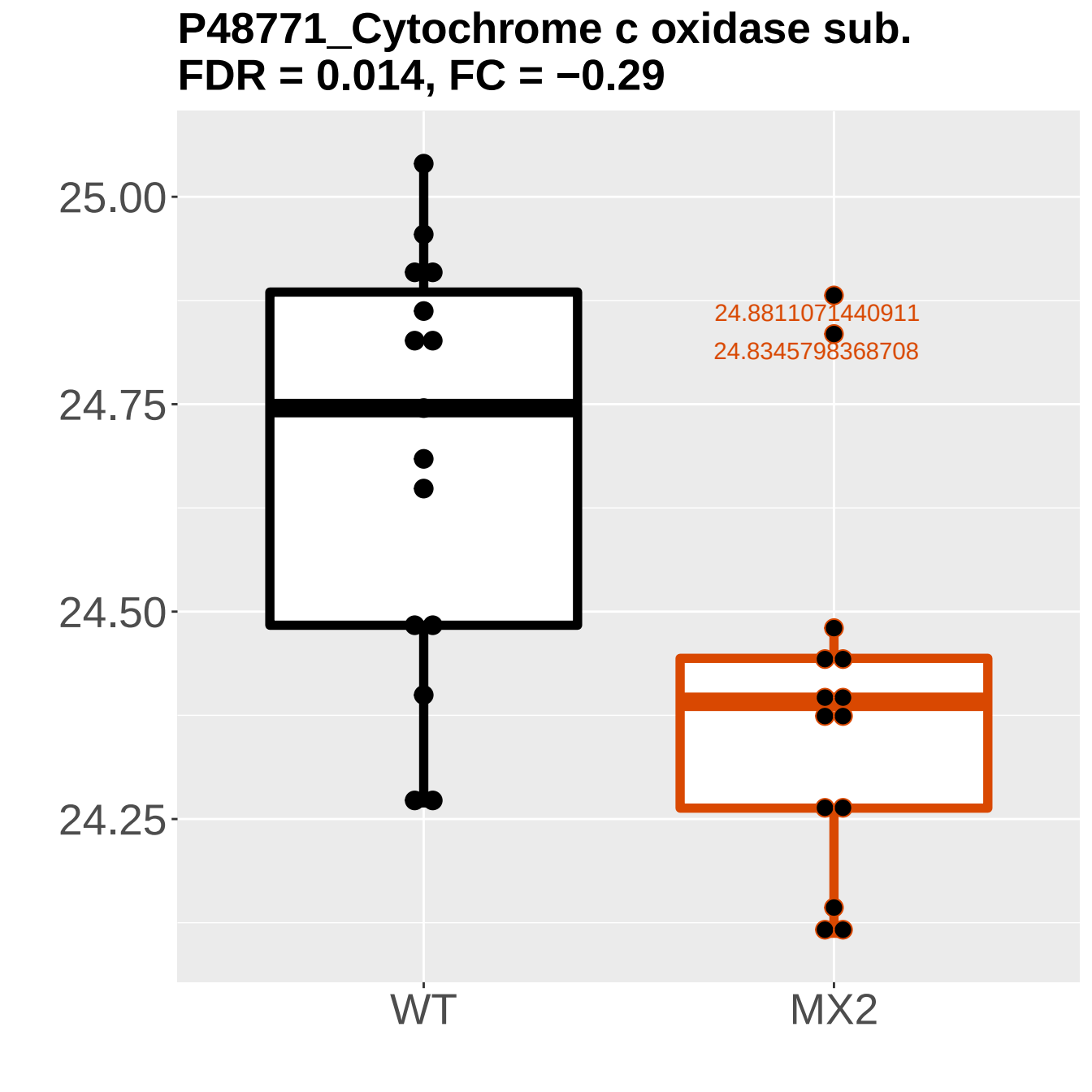

Q9CQ69_Cytochrome b−c1 complex .
FDR = 0.013, FC = −0.25
25.50
25.25
25.00
24.75
WT
MX2

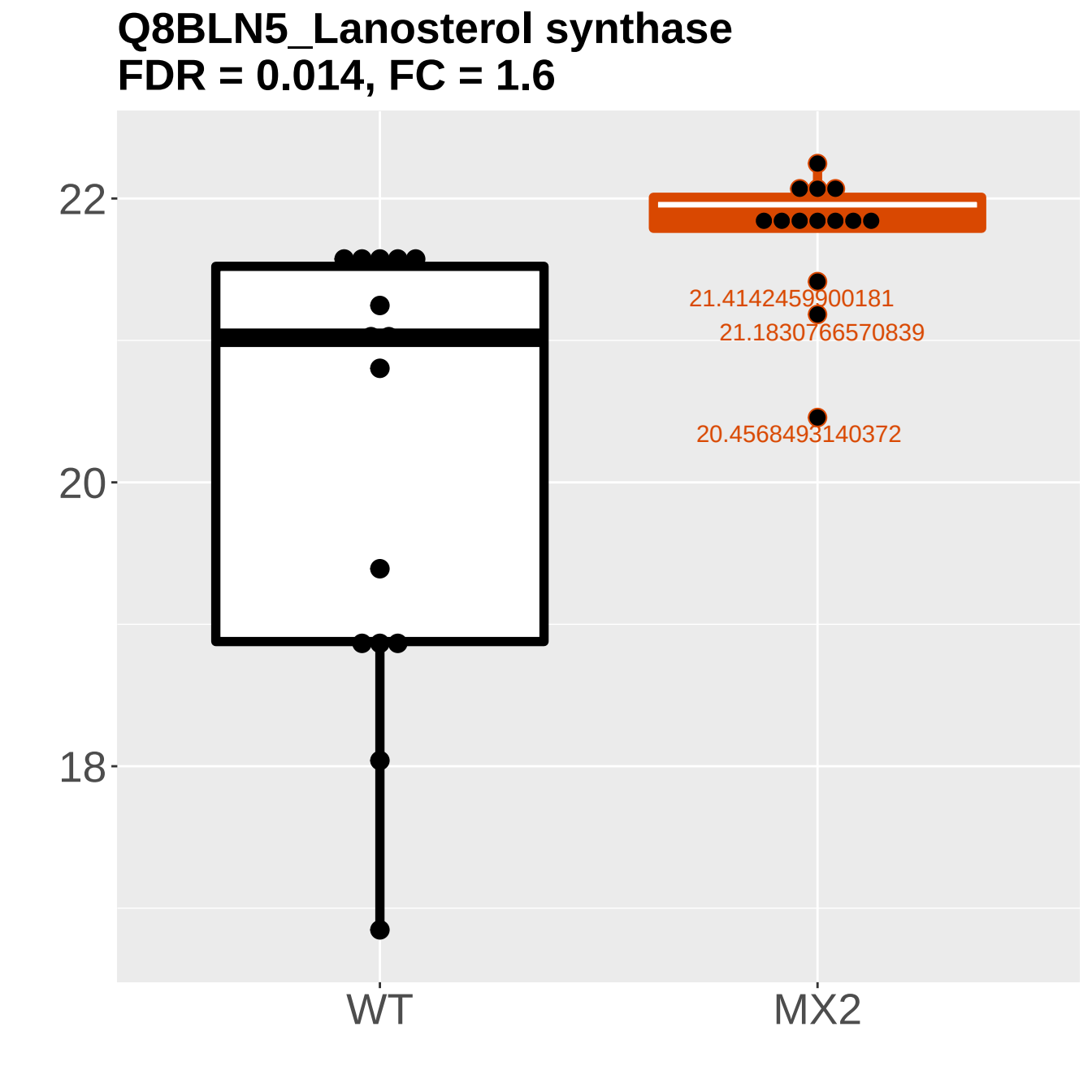

P84078_ADP−ribosylation factor 1
FDR = 0.013, FC = −0.14, sex***
24.9
24.7
24.5
WT
MX2

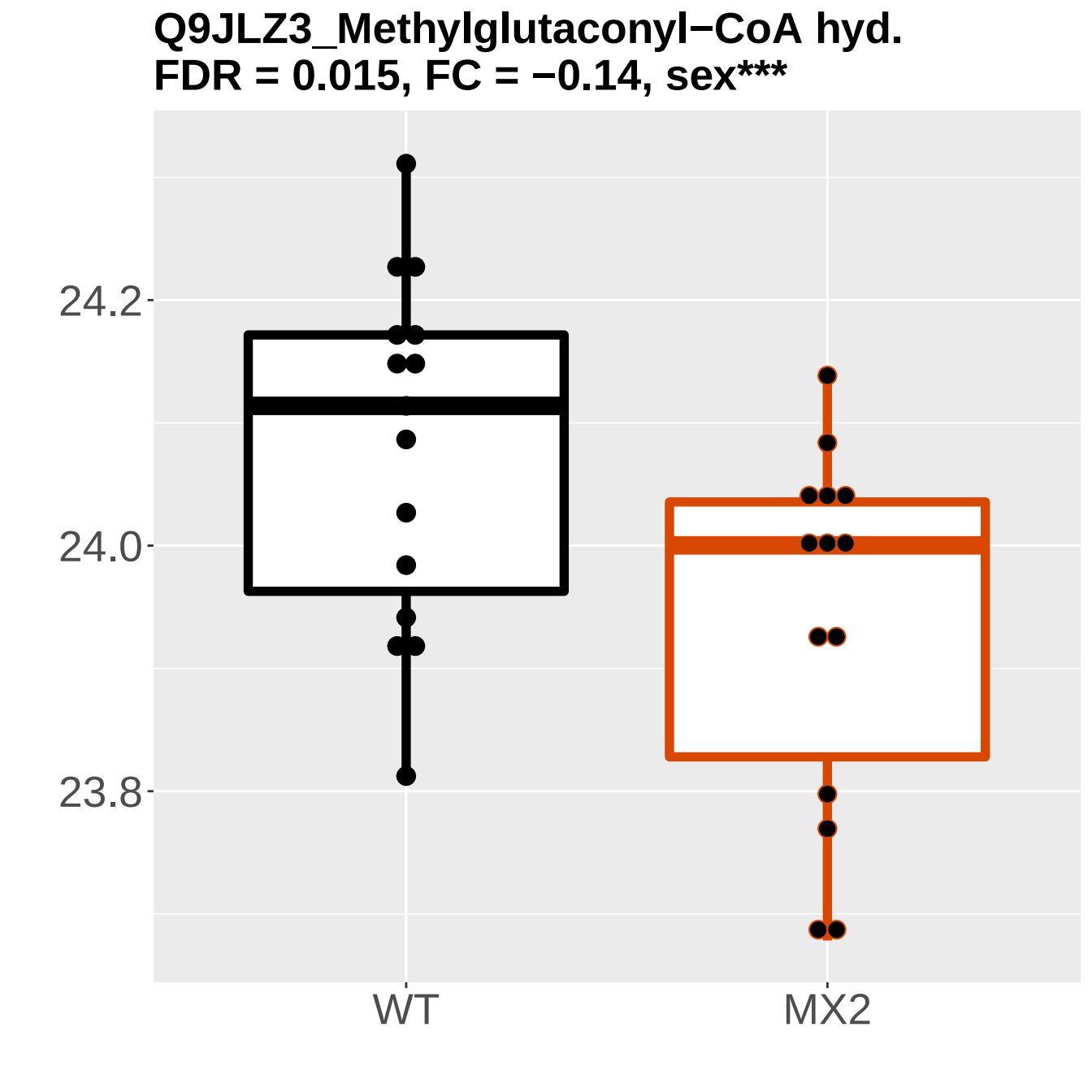

Q8BHE8_m−AAA protease−interacti.
FDR = 0.014, FC = −0.34
21.0
20.5
20.0
19.5
20.980089010448
WT
MX2

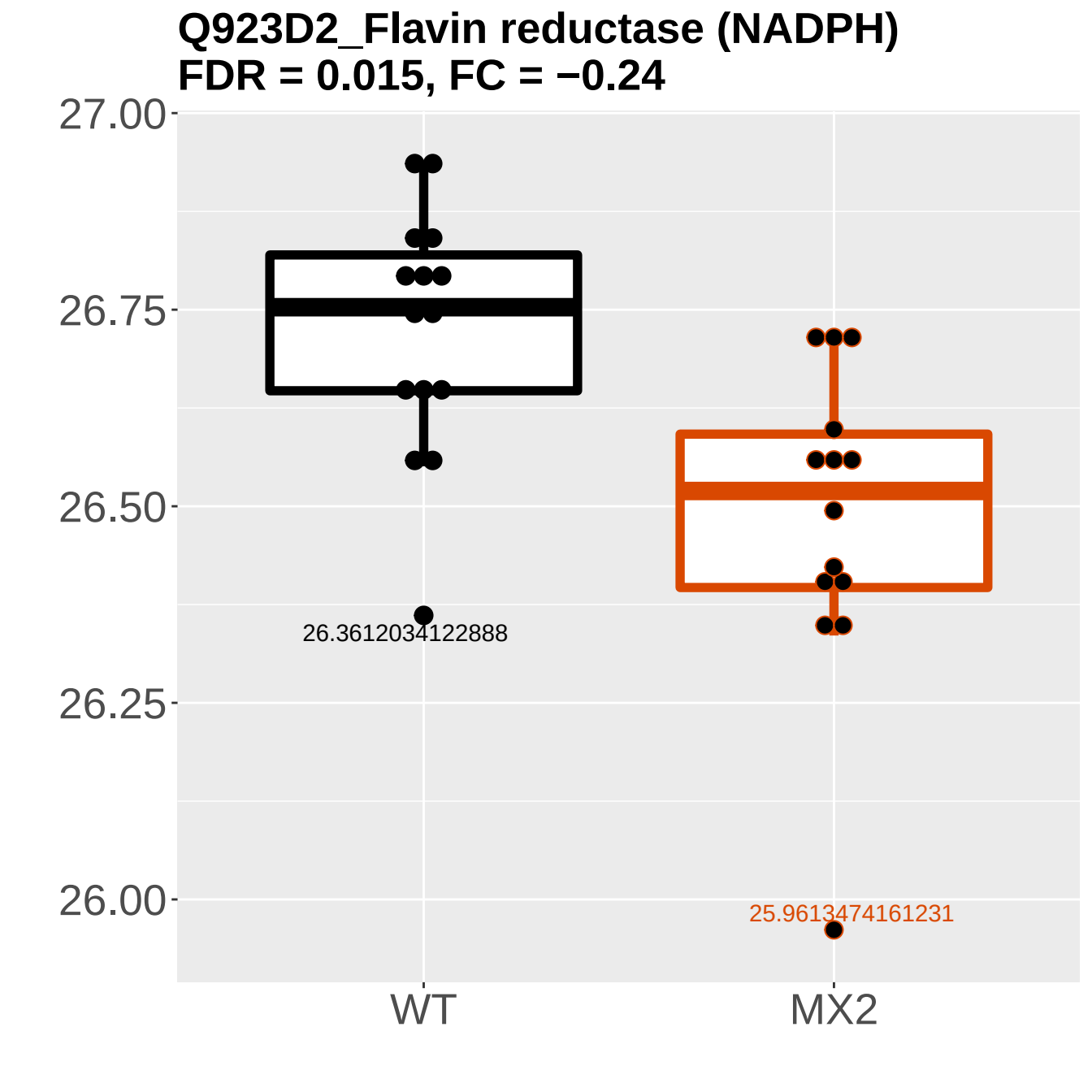

Q9R1S7_Multidrug resistance−ass.
FDR = 0.014, FC = 0.86
23
22
21
20
20.0664075337229
WT
MX2

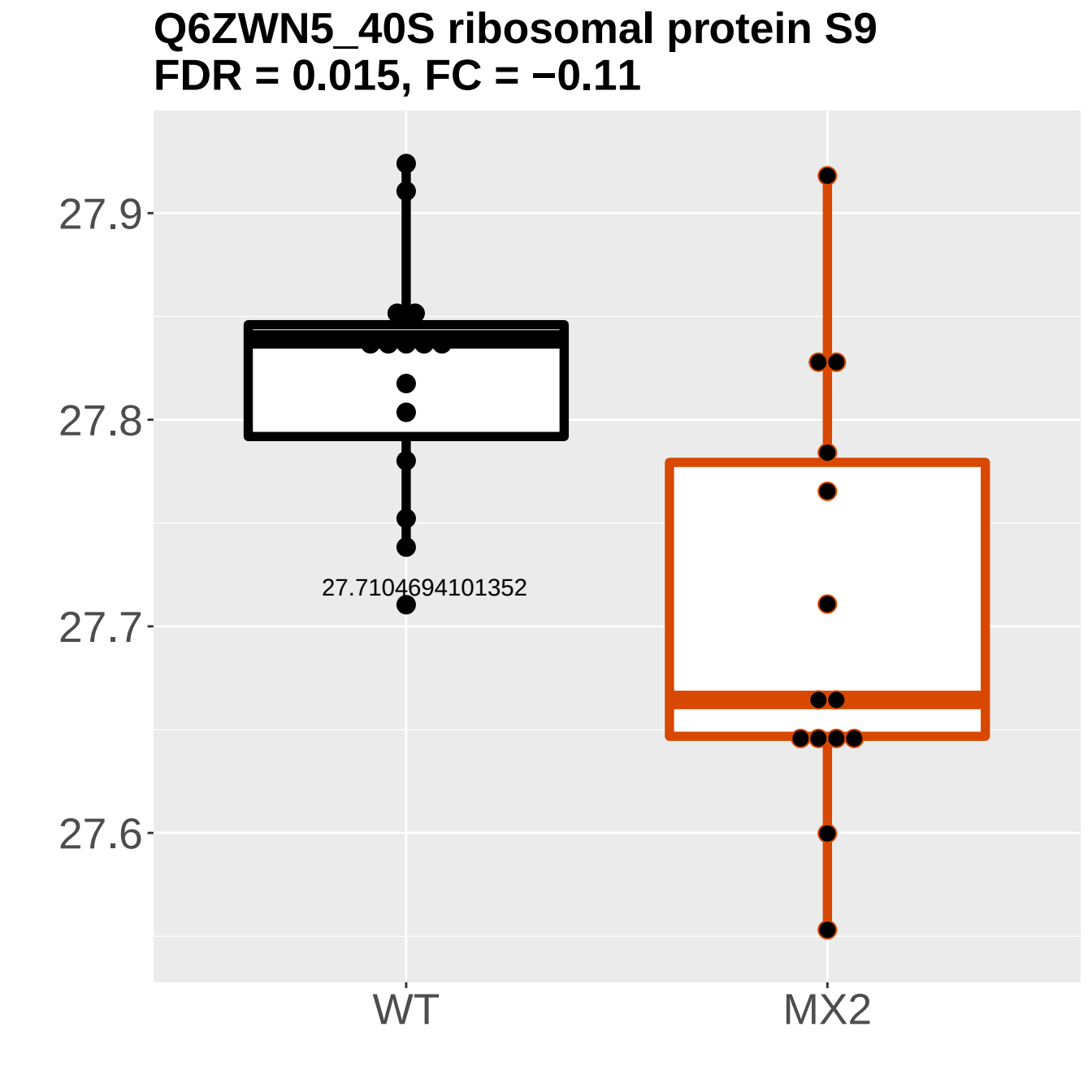

Q9D3D9_ATP synthase subunit del.
FDR = 0.014, FC = −0.23, sex*
25.8
25.6
25.4
25.2
25.0
WT
MX2

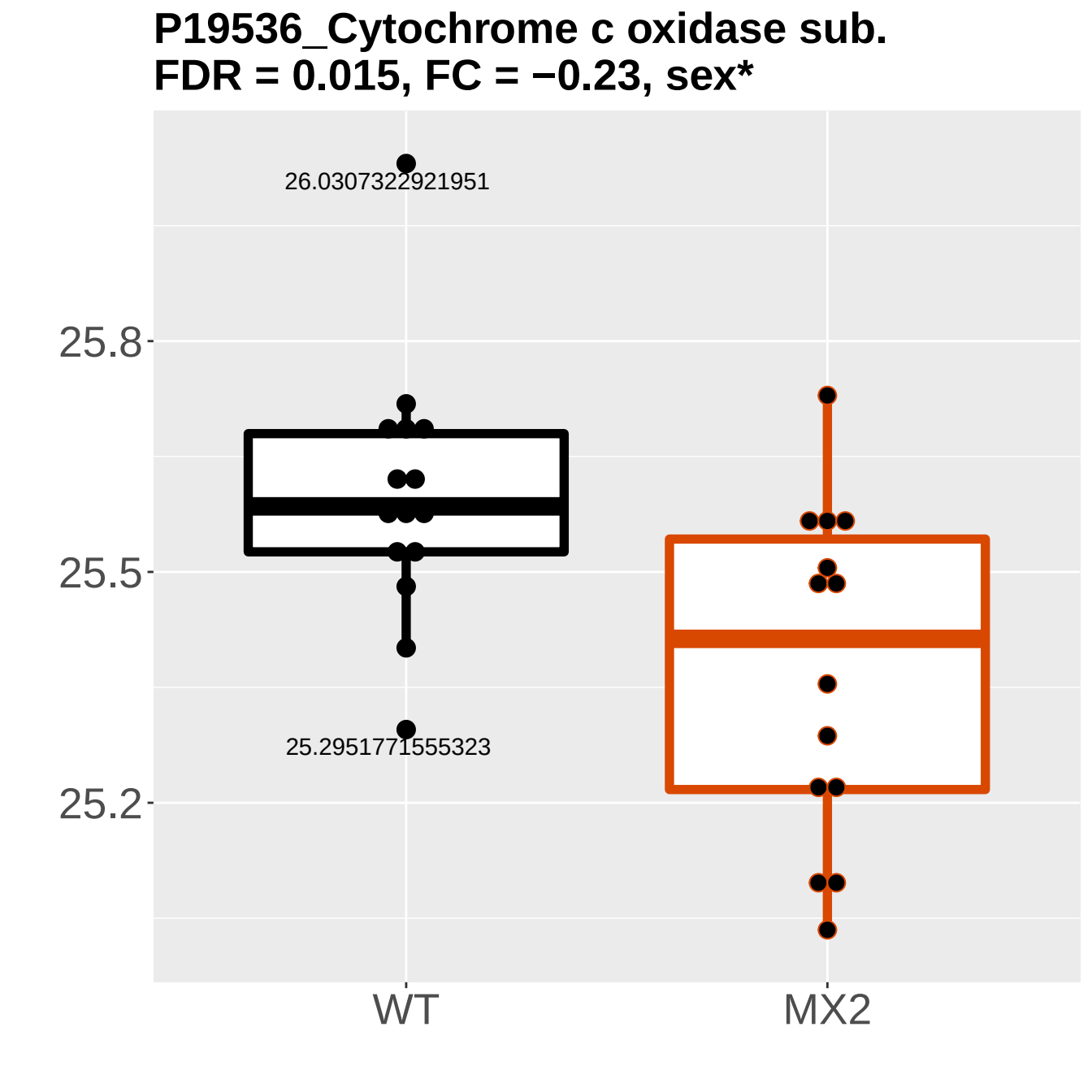

P48771_Cytochrome c oxidase sub.
FDR = 0.014, FC = −0.29
25.00
24.75
24.50
24.25
24.8811071440911
24.8345798368708
WT
MX2

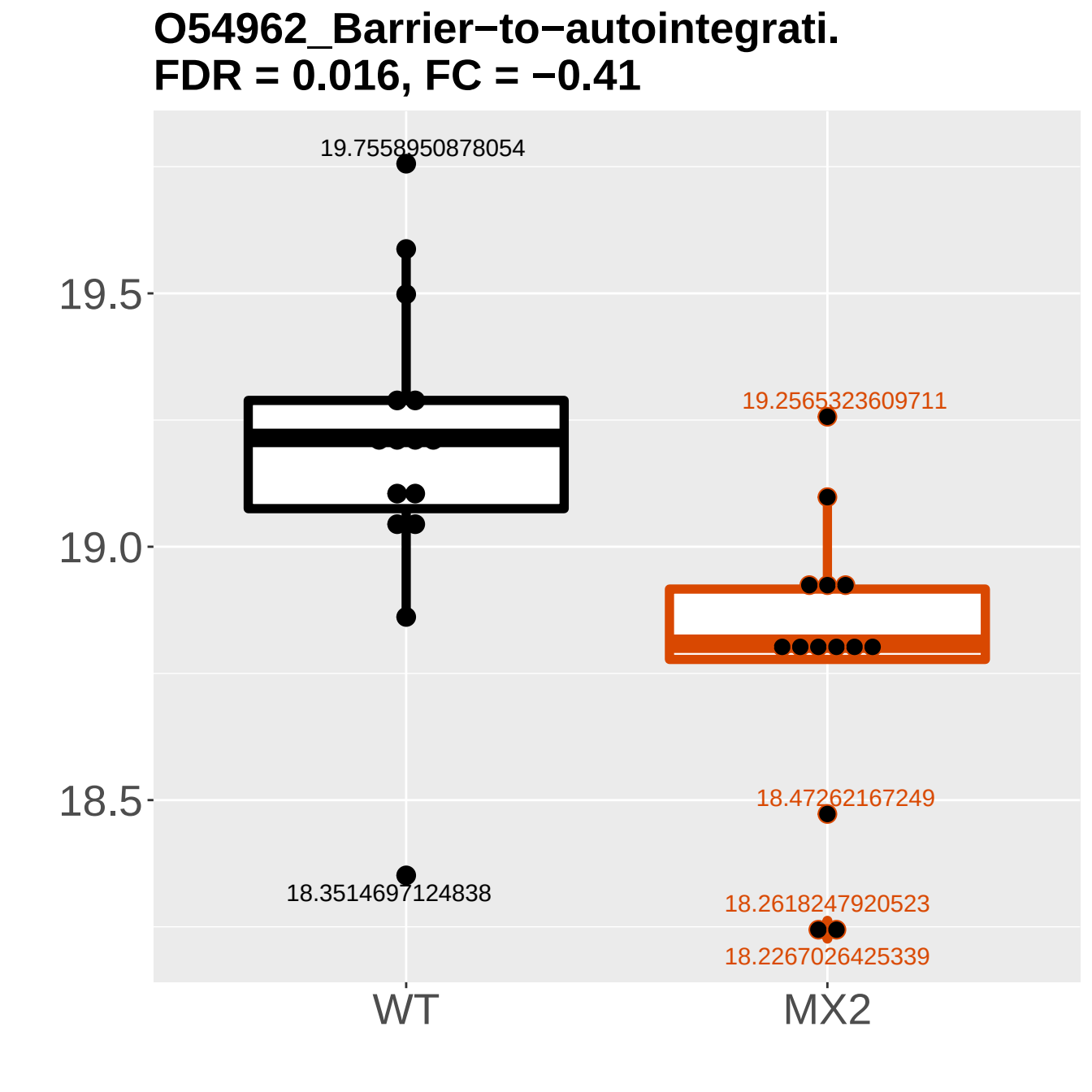

Q8BLN5_Lanosterol synthase
FDR = 0.014, FC = 1.6
22
20
18
21.4142459900181
21.1830766570839
20.4568493140372
WT
MX2

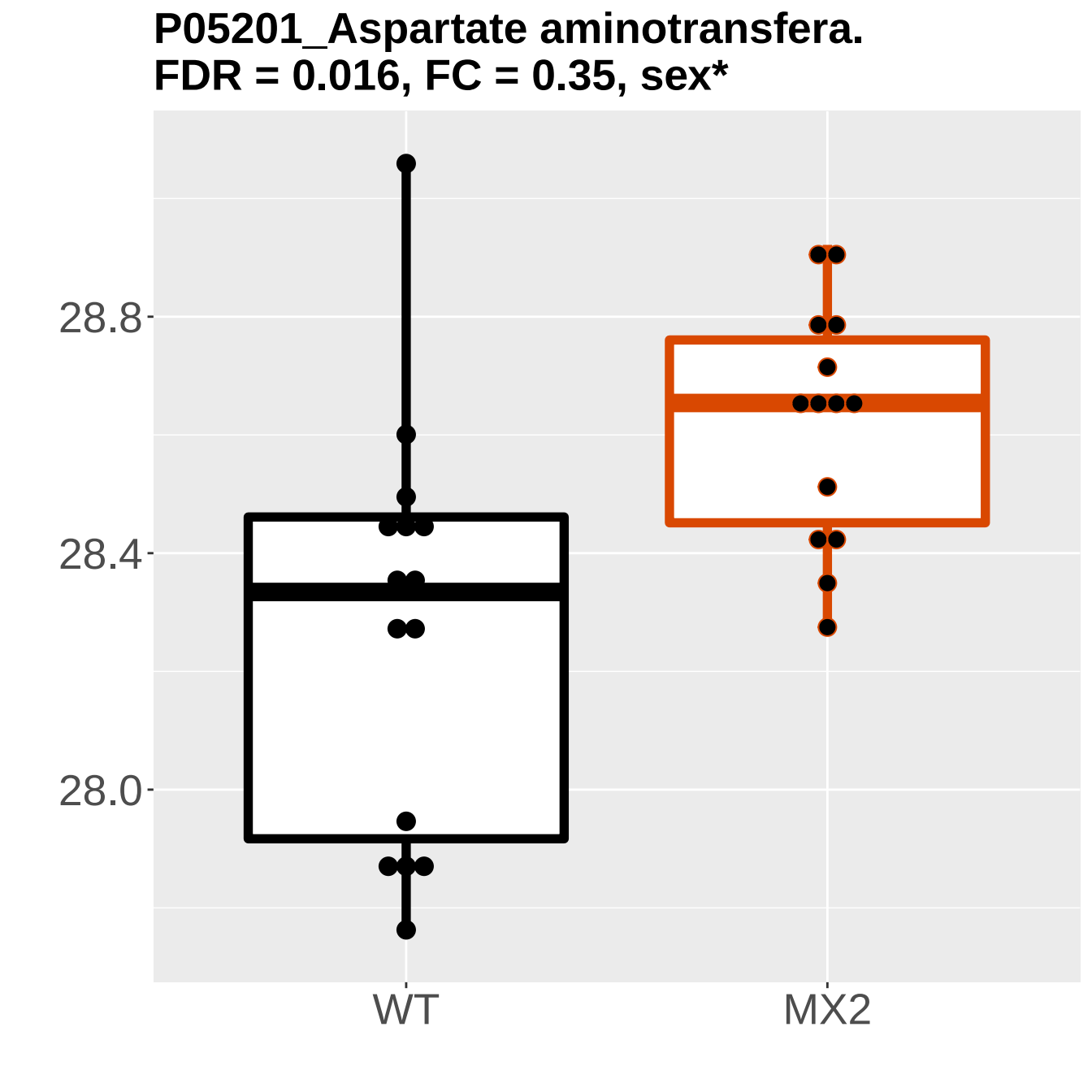

Q9JLZ3_Methylglutaconyl−CoA hyd.
FDR = 0.015, FC = −0.14, sex***
24.2
24.0
23.8
WT
MX2

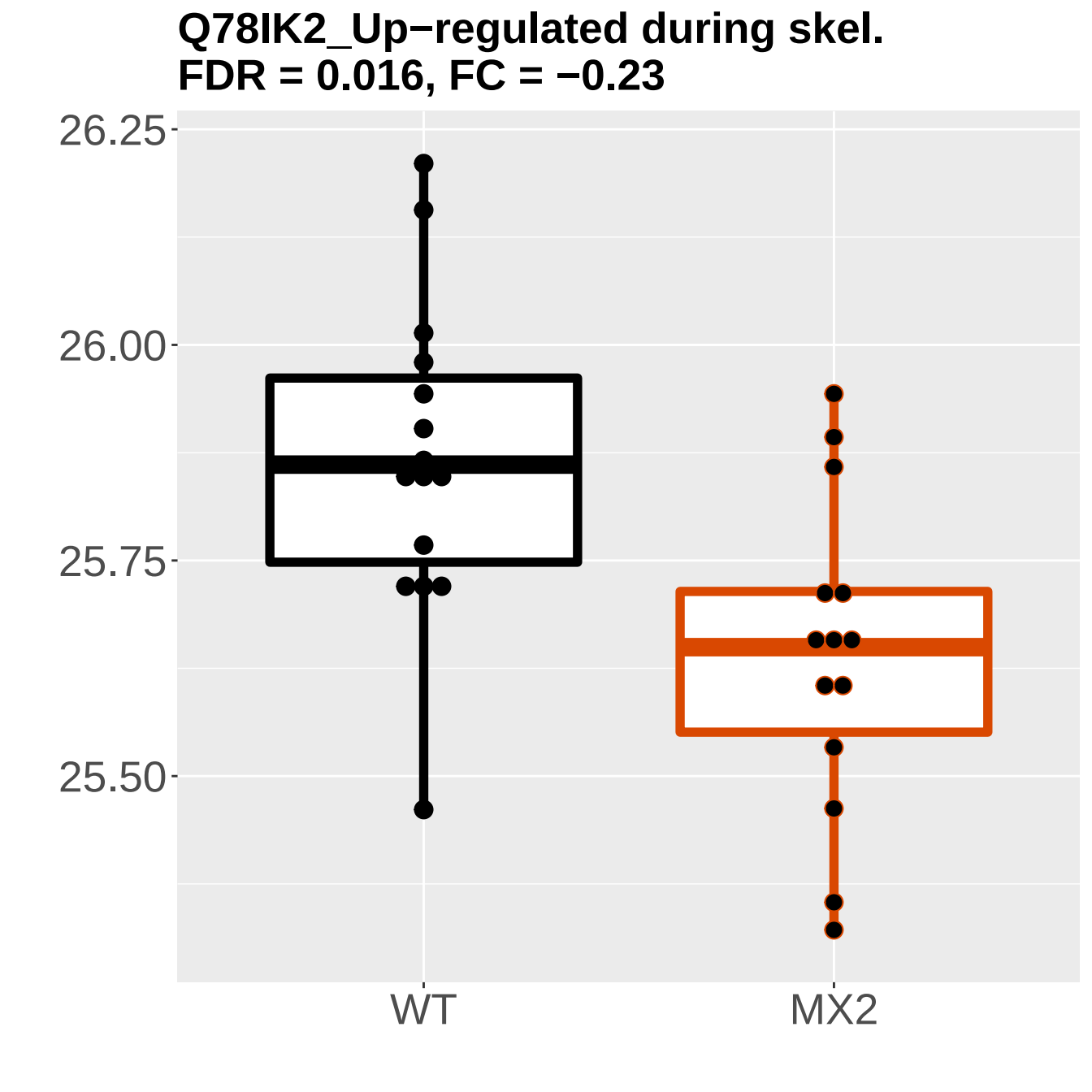

Q923D2_Flavin reductase (NADPH)
FDR = 0.015, FC = −0.24
27.00
26.75
26.50
26.25
26.00
26.3612034122888
25.9613474161231
WT
MX2

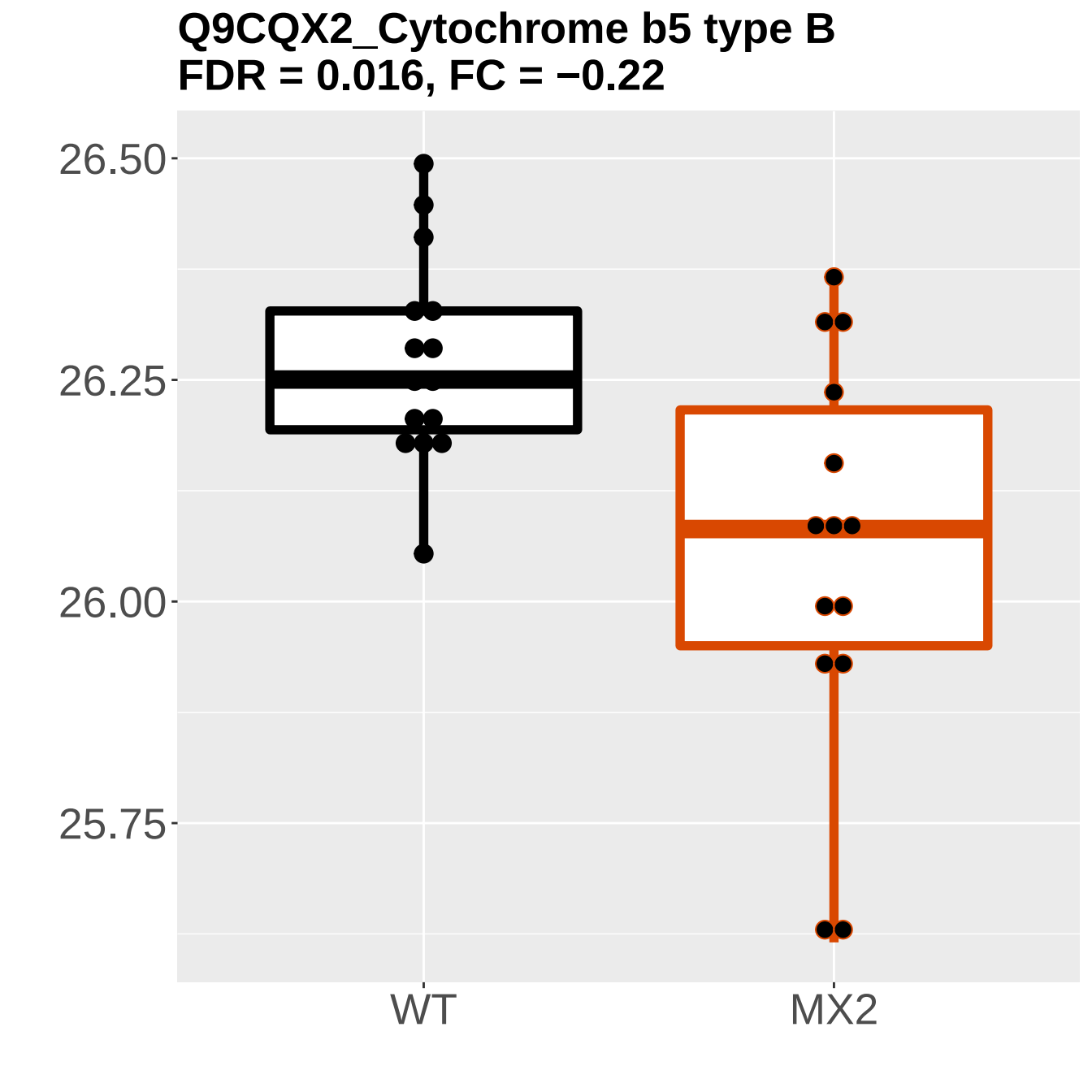

Q6ZWN5_40S ribosomal protein S9
FDR = 0.015, FC = −0.11
27.9
27.8
27.7
27.6
27.7104694101352
WT
MX2

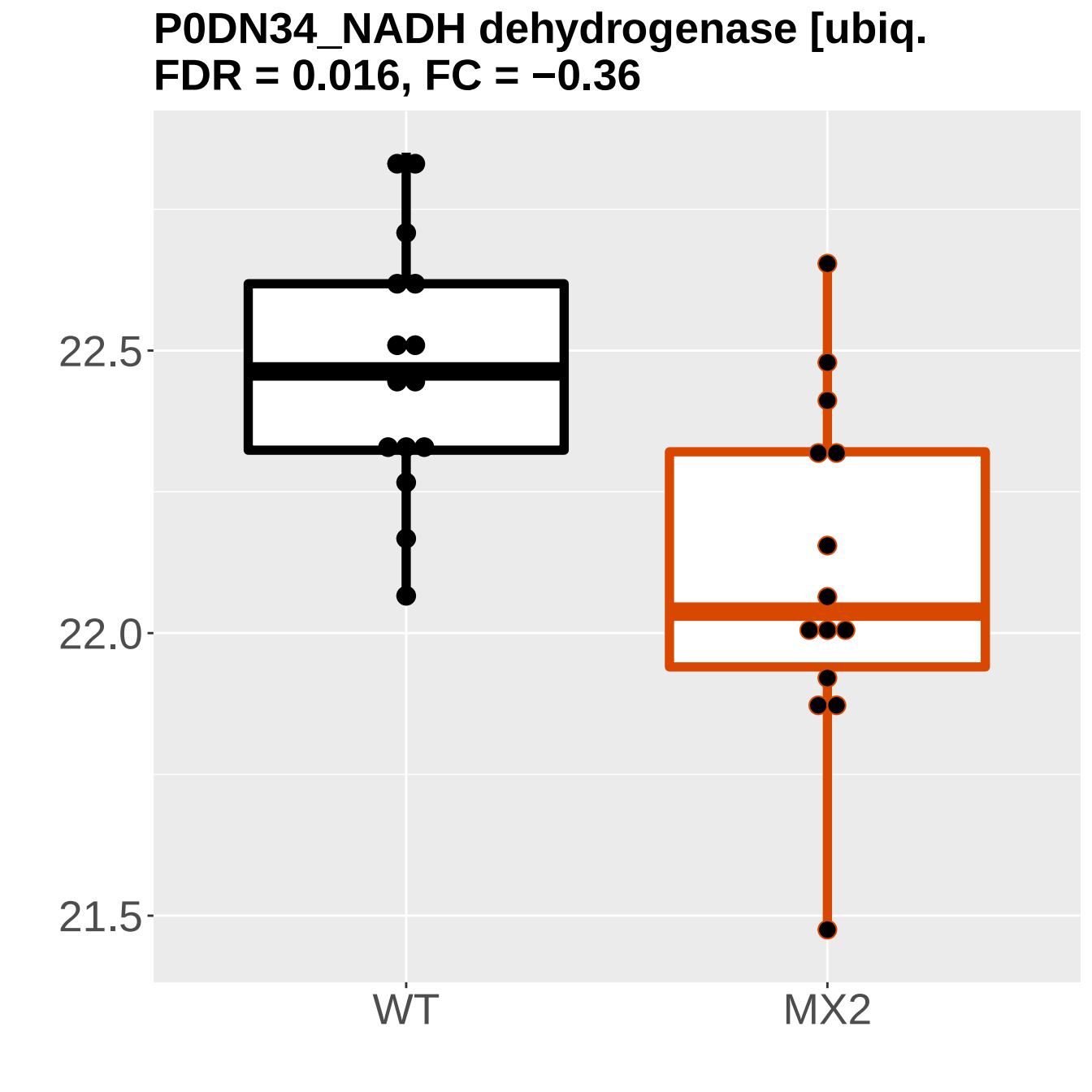

P19536_Cytochrome c oxidase sub.
FDR = 0.015, FC = −0.23, sex*
26.0307322921951
25.2951771555323
25.8
25.5
25.2
WT
MX2

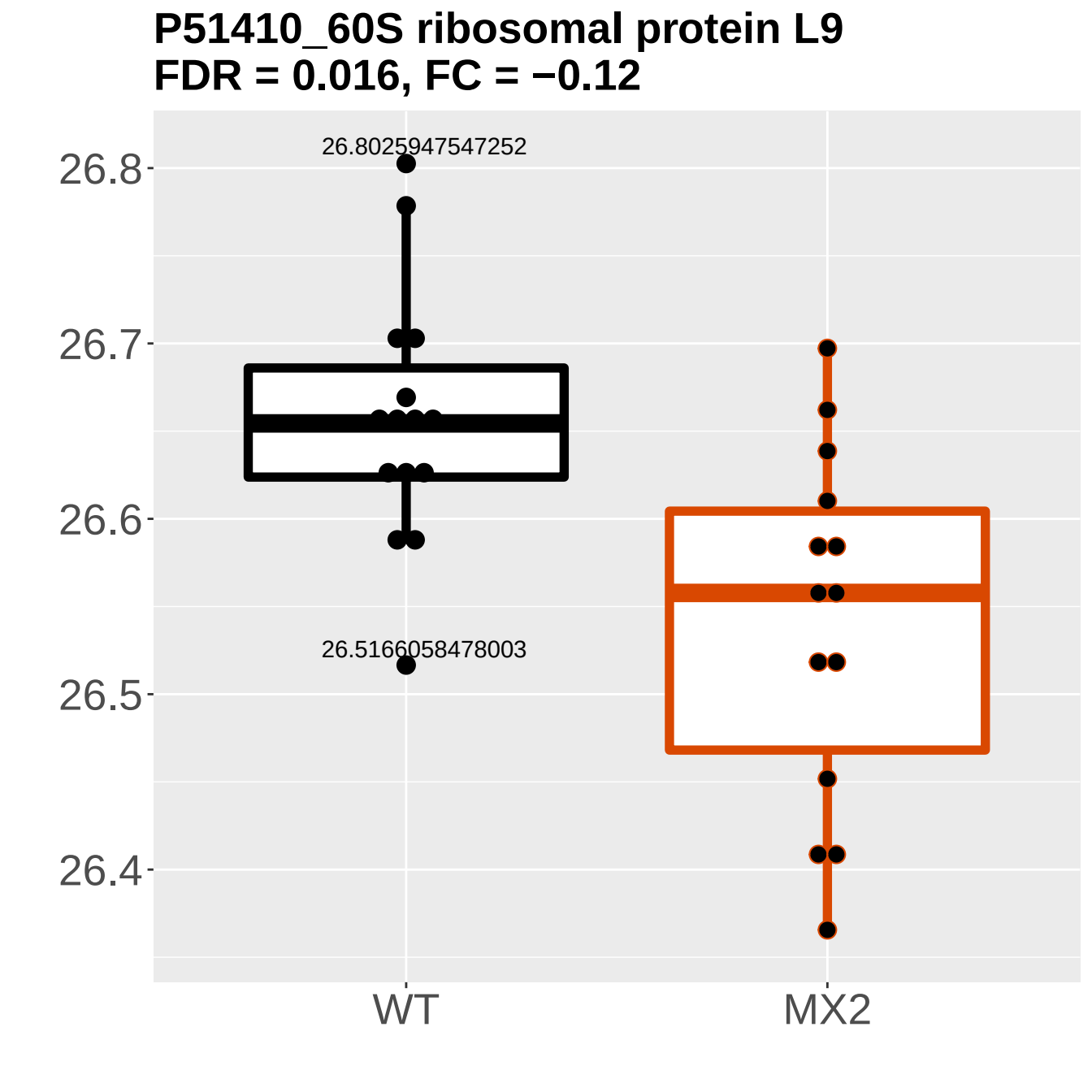

O54962_Barrier−to−autointegrati.
FDR = 0.016, FC = −0.41
19.7558950878054
19.5
19.2565323609711
19.0
18.47262167249
18.5
18.3514697124838
18.2618247920523
18.2267026425339
WT
MX2

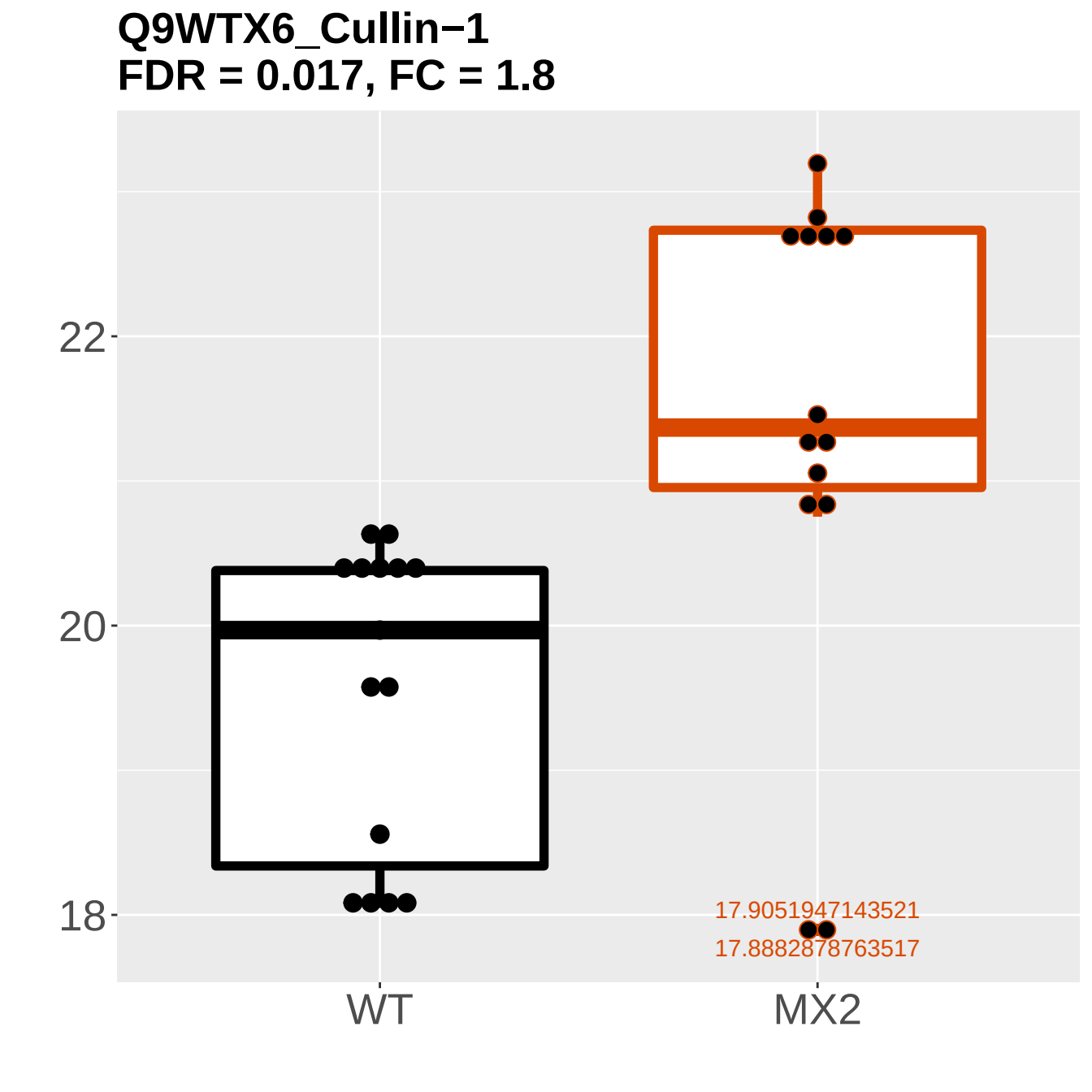

P05201_Aspartate aminotransfera.
FDR = 0.016, FC = 0.35, sex*
28.8
28.4
28.0
WT
MX2

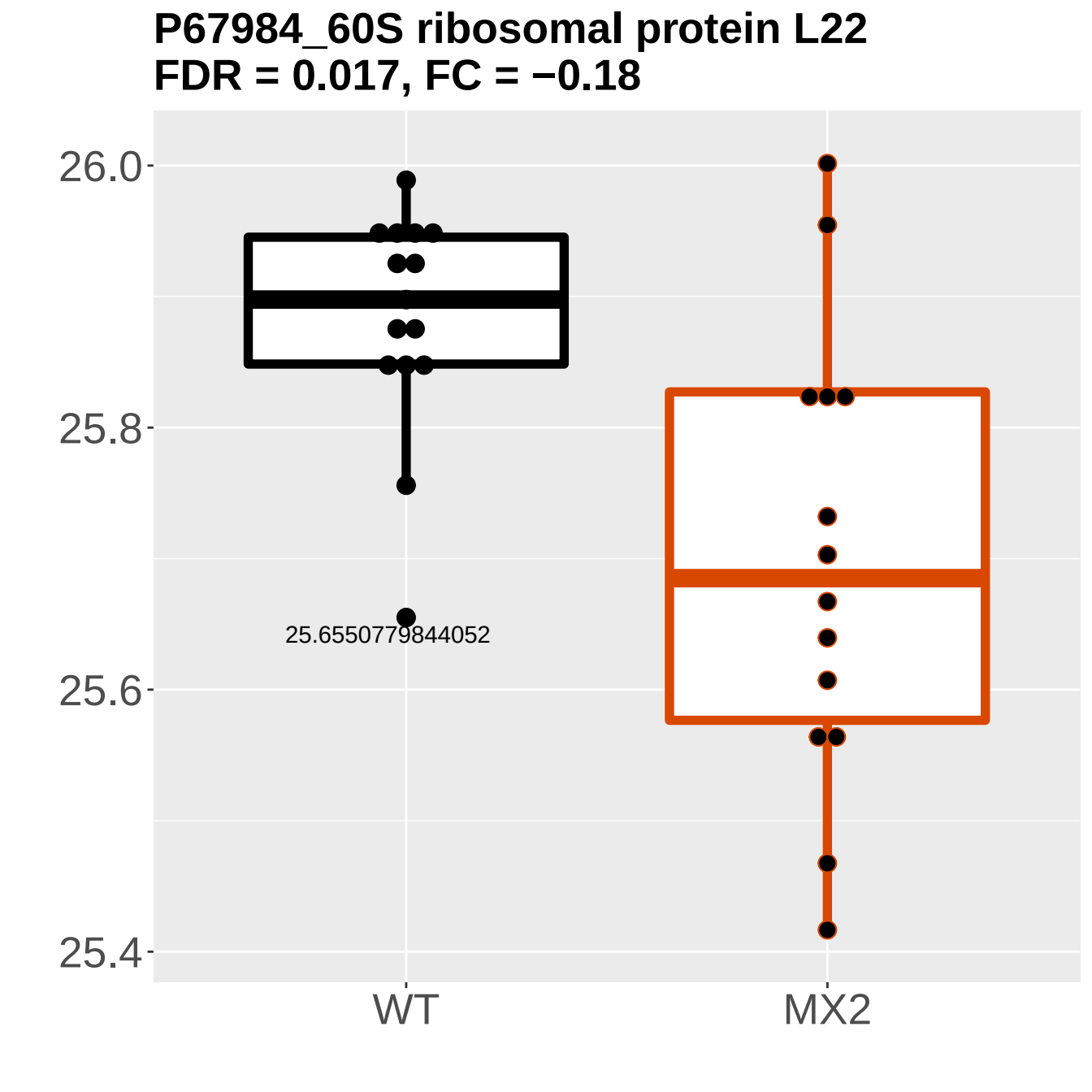

Q78IK2_Up−regulated during skel.
FDR = 0.016, FC = −0.23
26.25
26.00
25.75
25.50
WT
MX2

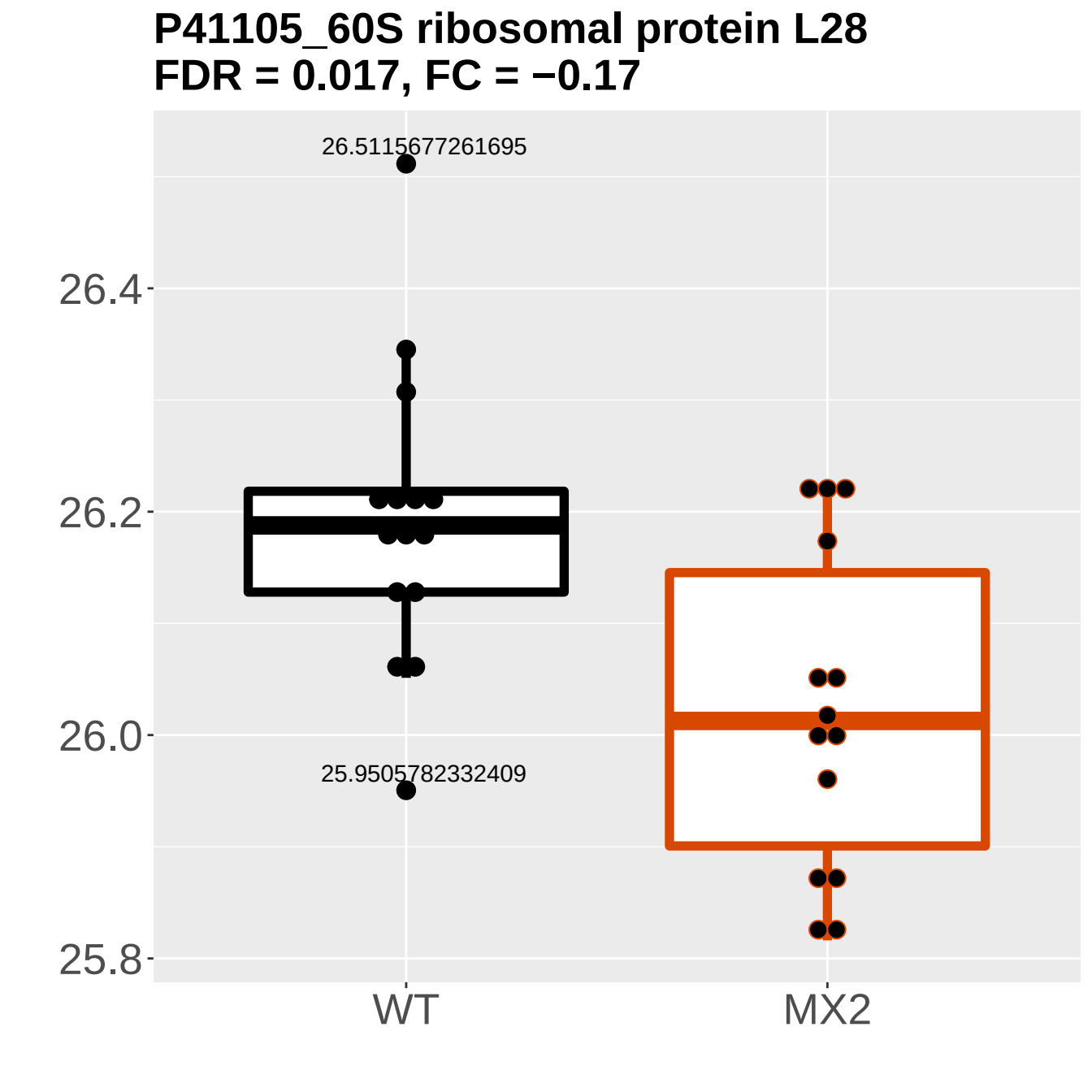

Q9CQX2_Cytochrome b5 type B
FDR = 0.016, FC = −0.22
26.50
26.25
26.00
25.75
WT
MX2

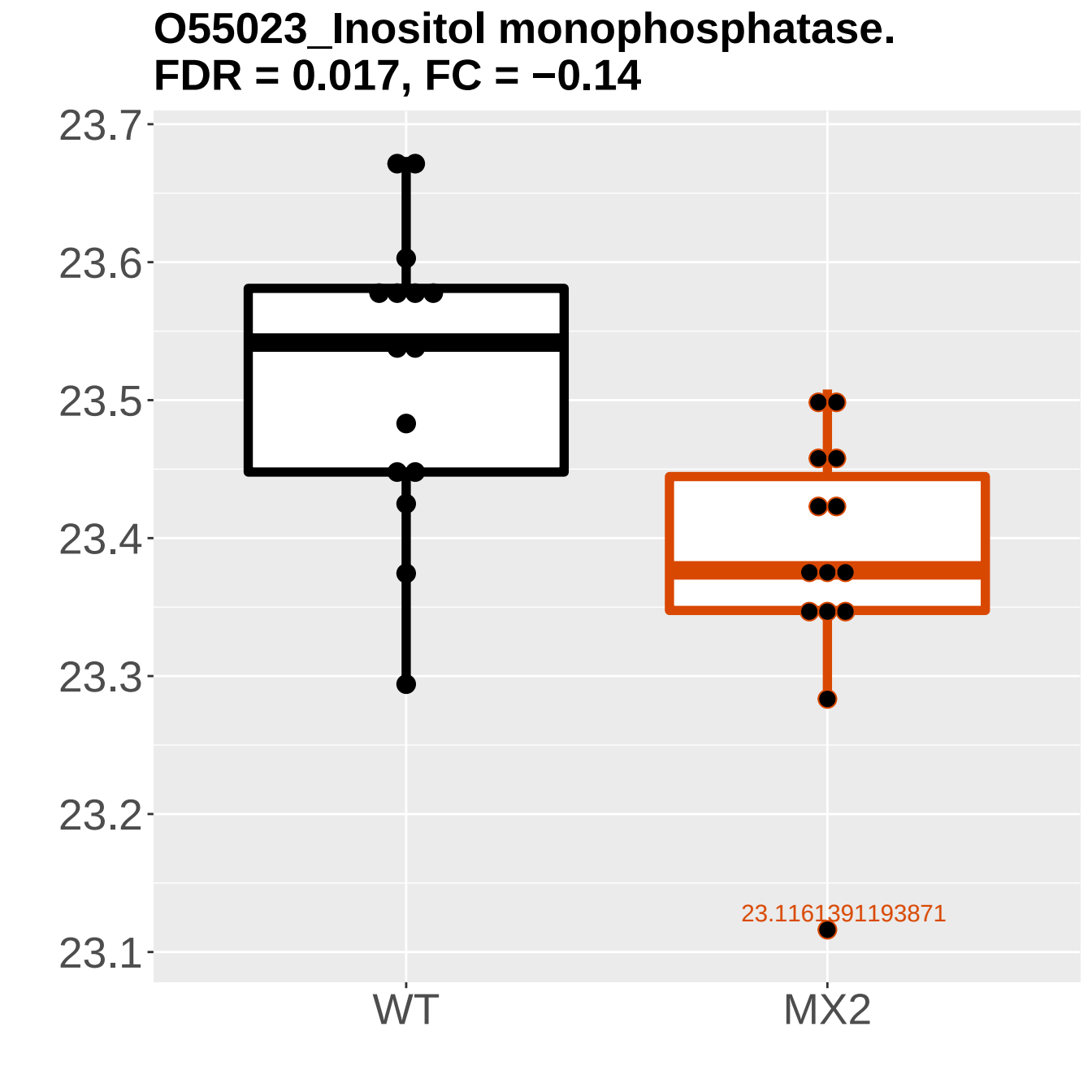

P0DN34_NADH dehydrogenase [ubiq.
FDR = 0.016, FC = −0.36
22.5
22.0
21.5
WT
MX2

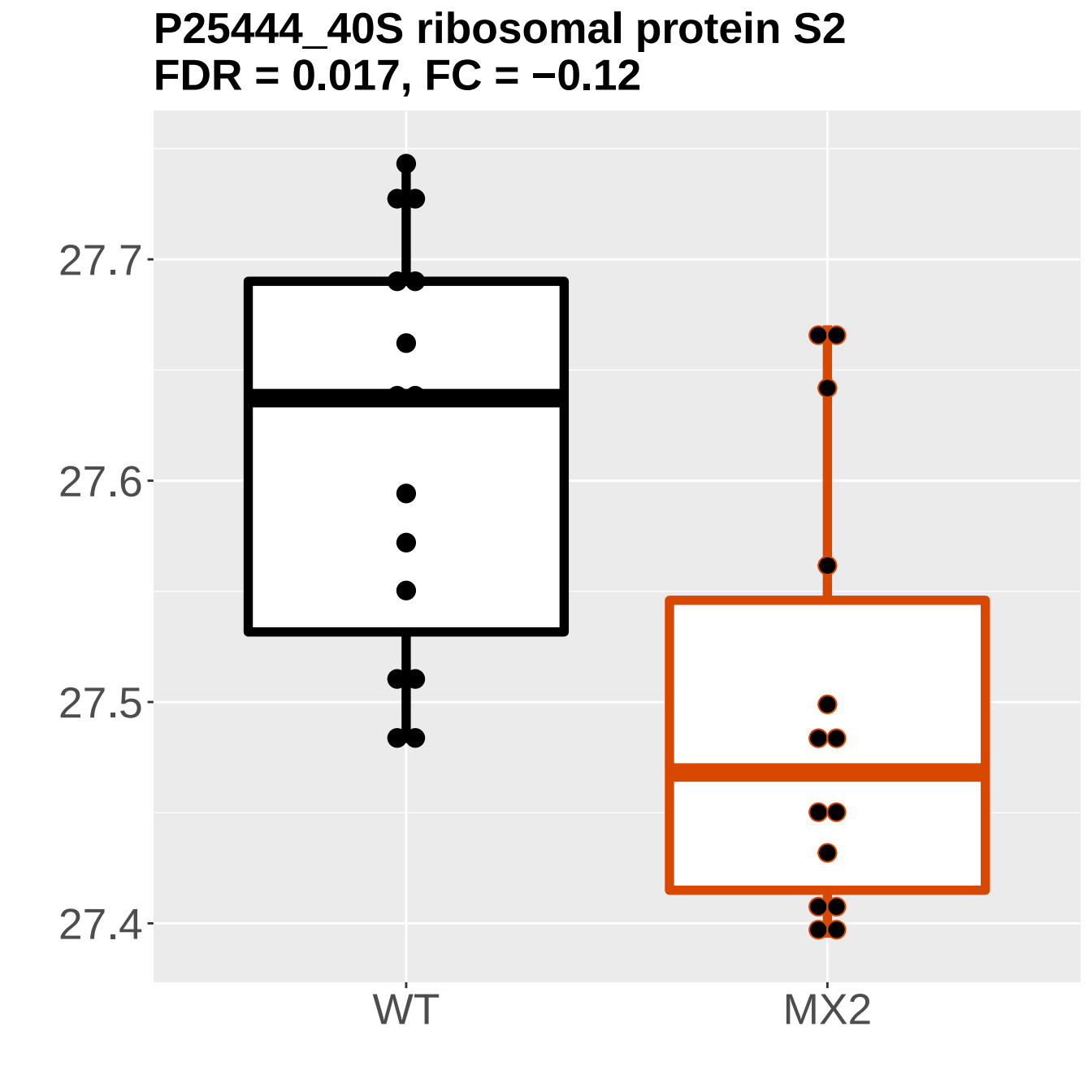

P51410_60S ribosomal protein L9
FDR = 0.016, FC = −0.12
26.8025947547252
26.5166058478003
26.8
26.7
26.6
26.5
26.4
WT
MX2

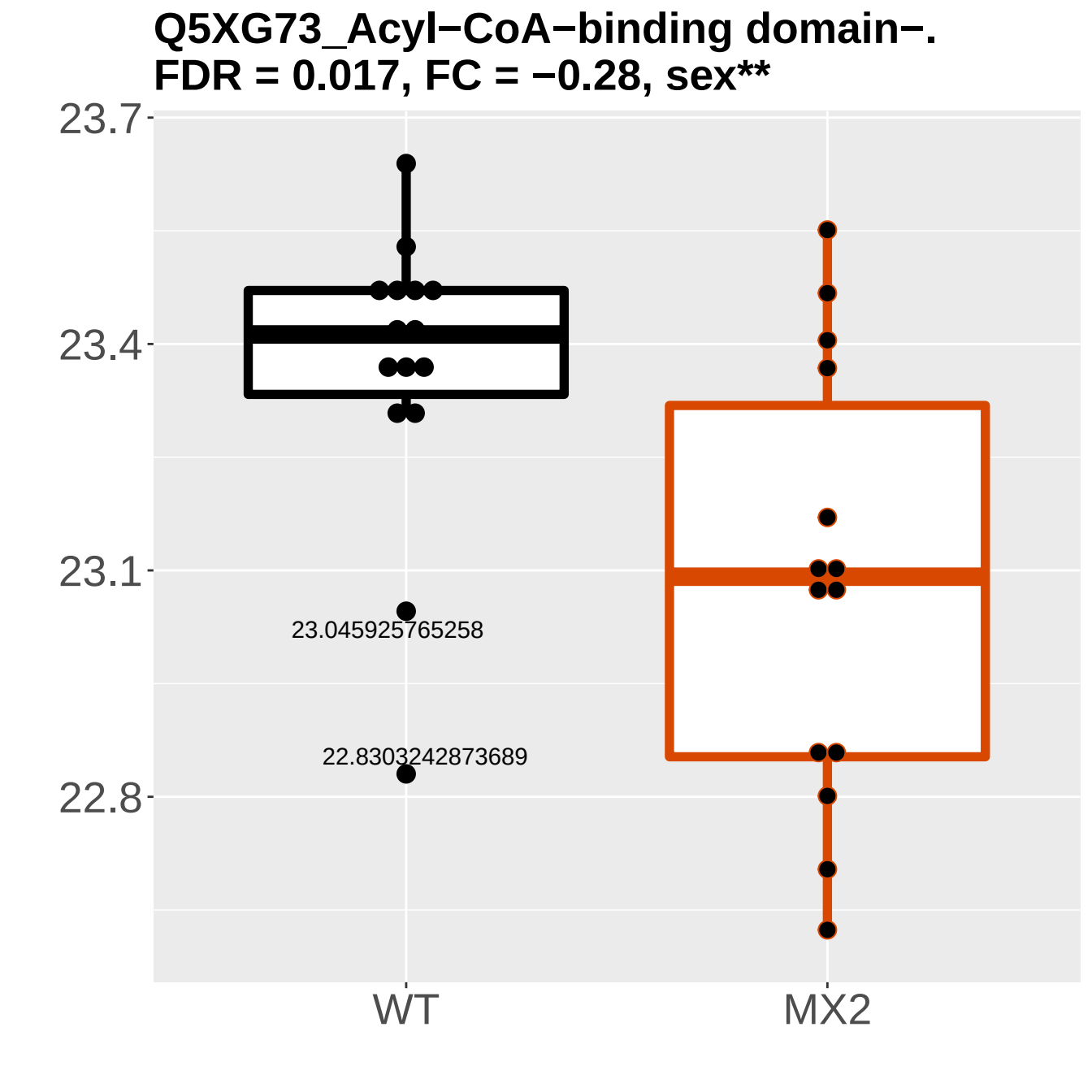

Q9WTX6_Cullin−1
FDR = 0.017, FC = 1.8
22
20
18
17.9051947143521
17.8882878763517
WT
MX2

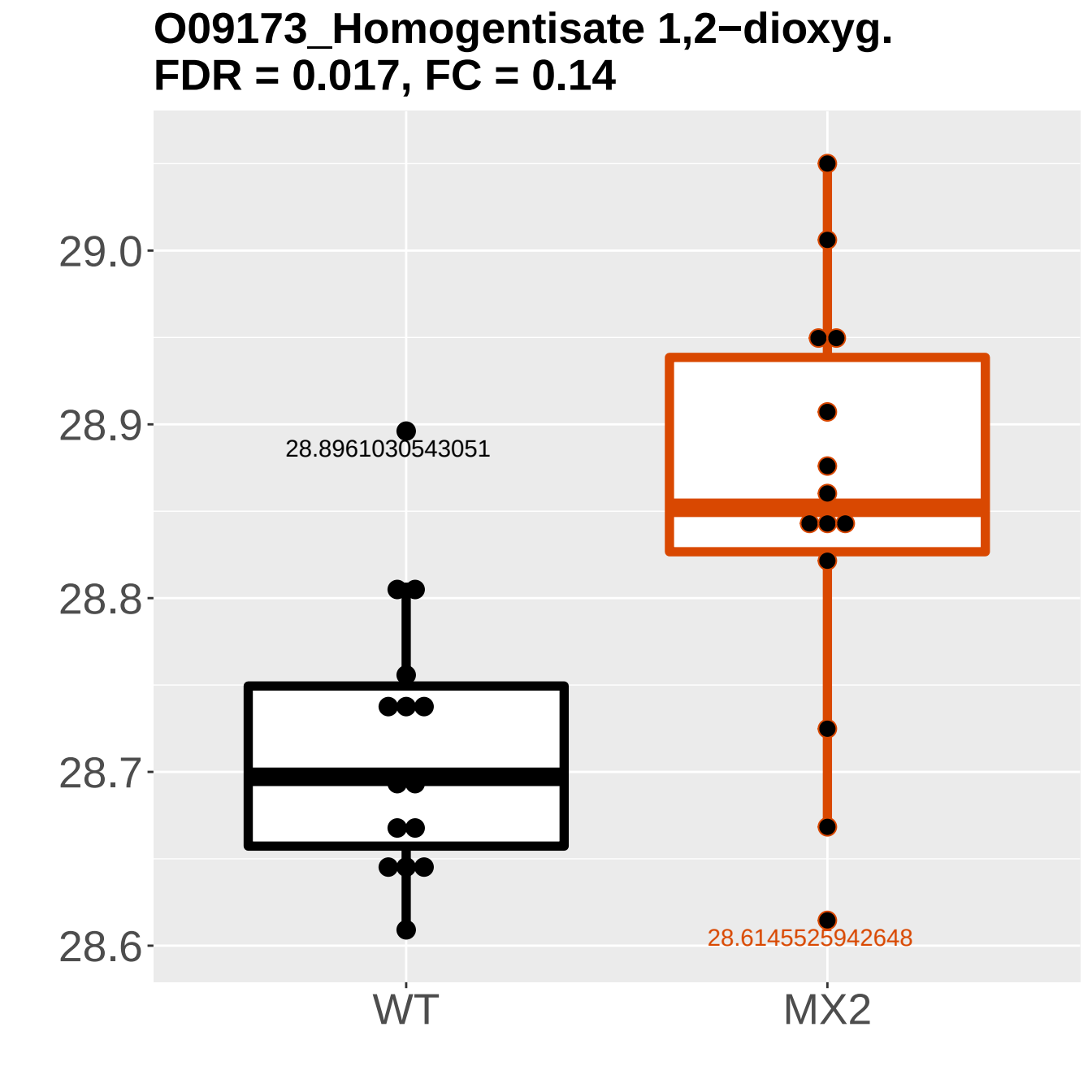

P67984_60S ribosomal protein L22
FDR = 0.017, FC = −0.18
26.0
25.8
25.6
25.4
25.6550779844052
WT
MX2

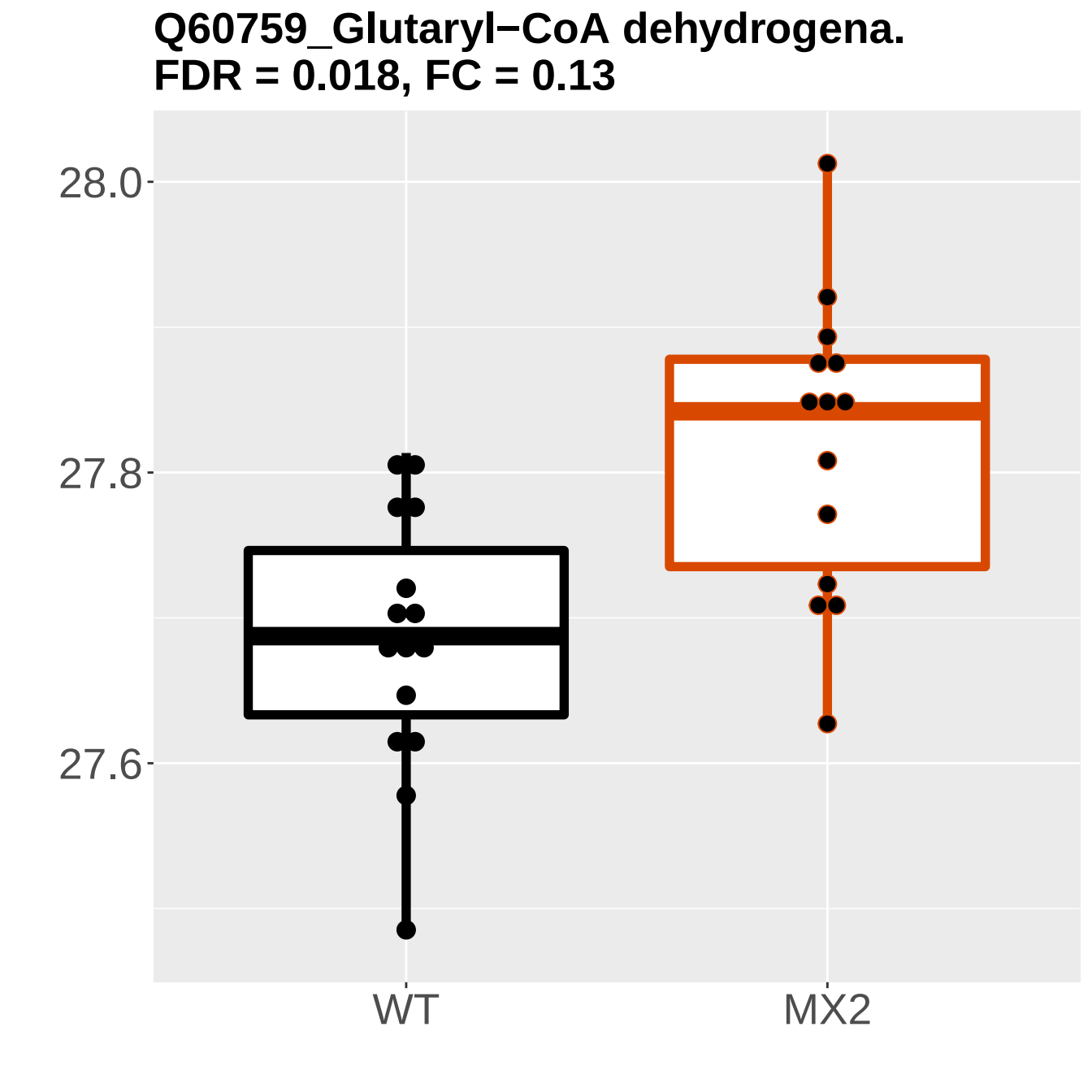

P41105_60S ribosomal protein L28
FDR = 0.017, FC = −0.17
26.5115677261695
25.9505782332409
26.4
26.2
26.0
25.8
WT
MX2

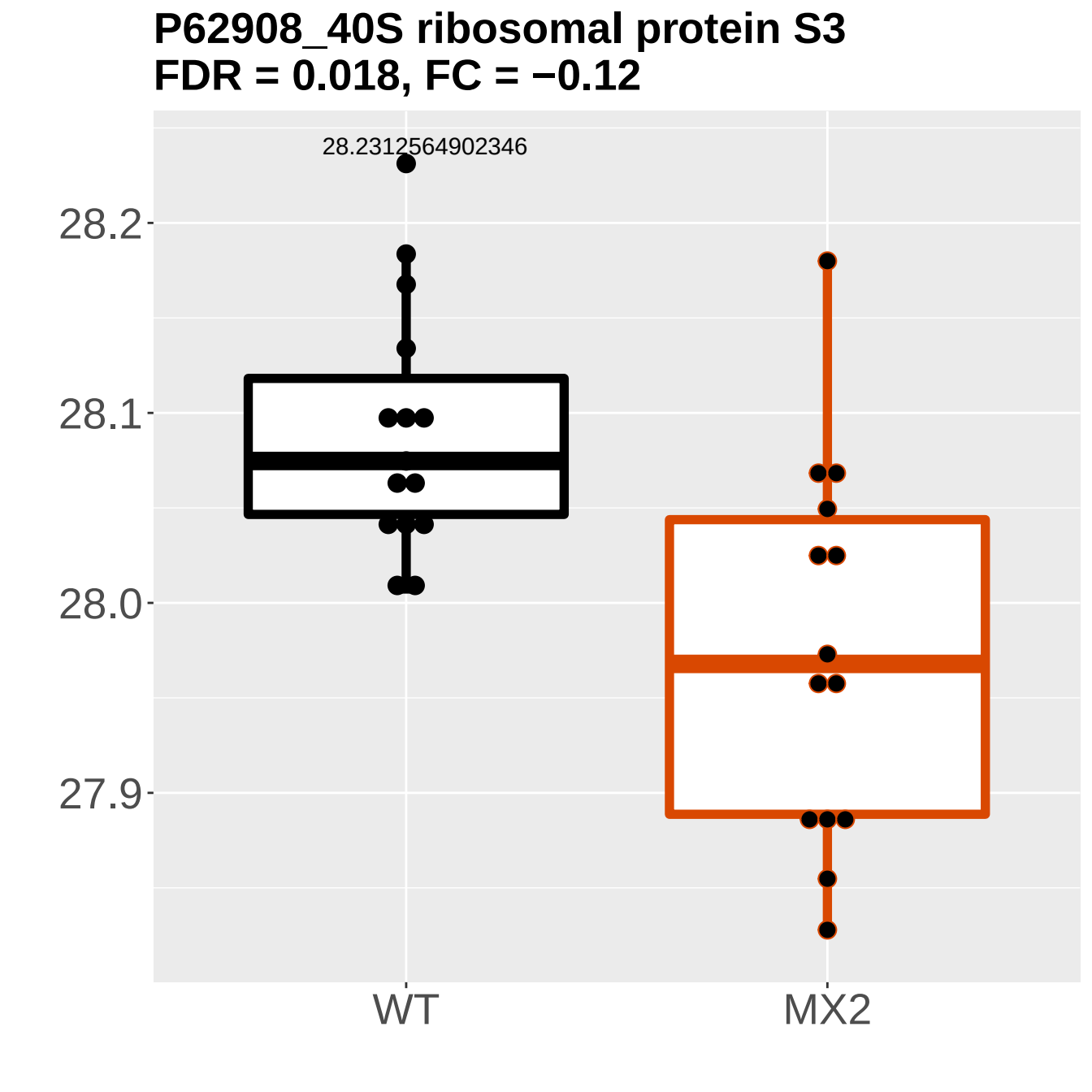

O55023_Inositol monophosphatase.
FDR = 0.017, FC = −0.14
23.7
23.6
23.5
23.4
23.3
23.2
23.1
23.11613911938 71
WT
MX2

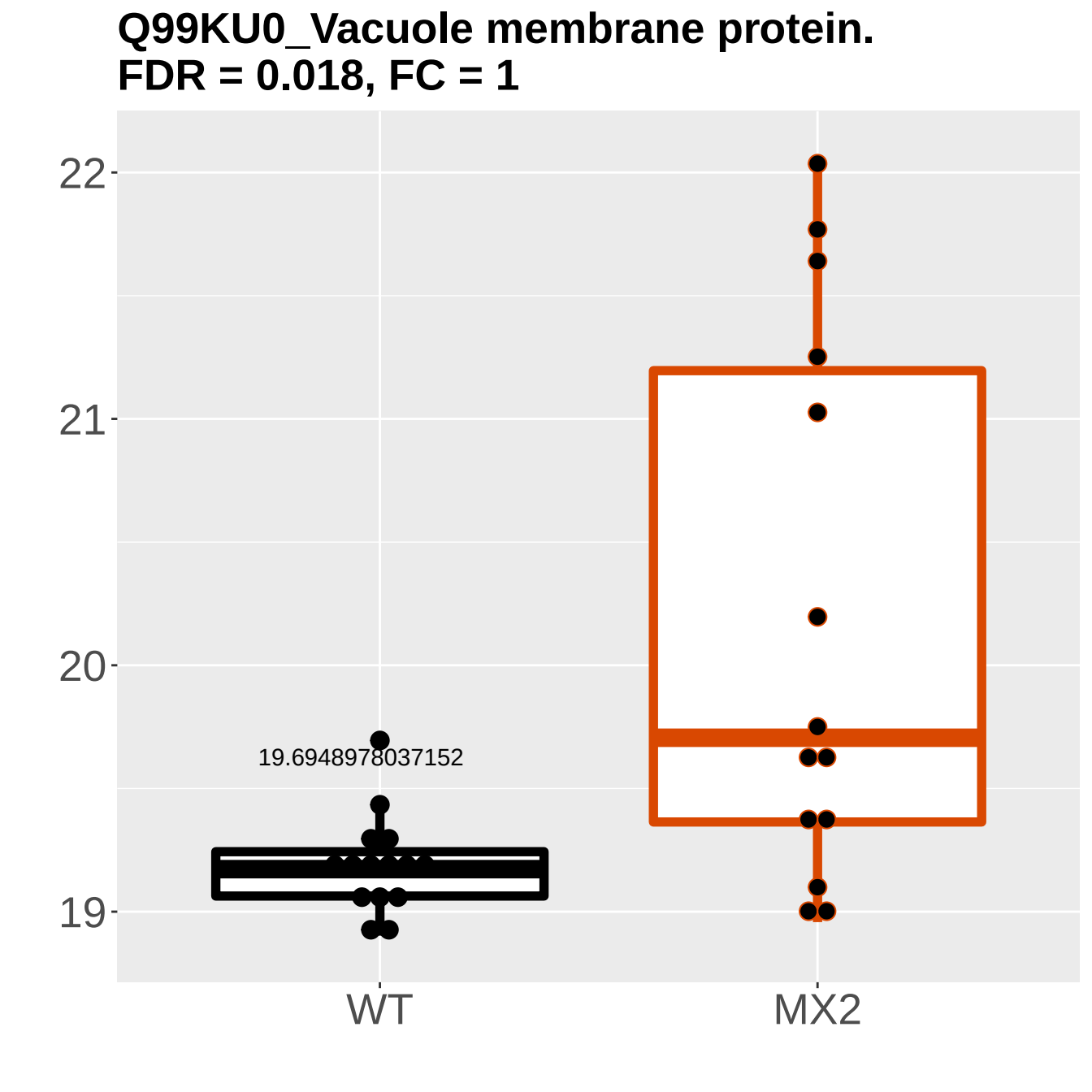

P25444_40S ribosomal protein S2
FDR = 0.017, FC = −0.12
27.7
27.6
27.5
27.4
WT
MX2

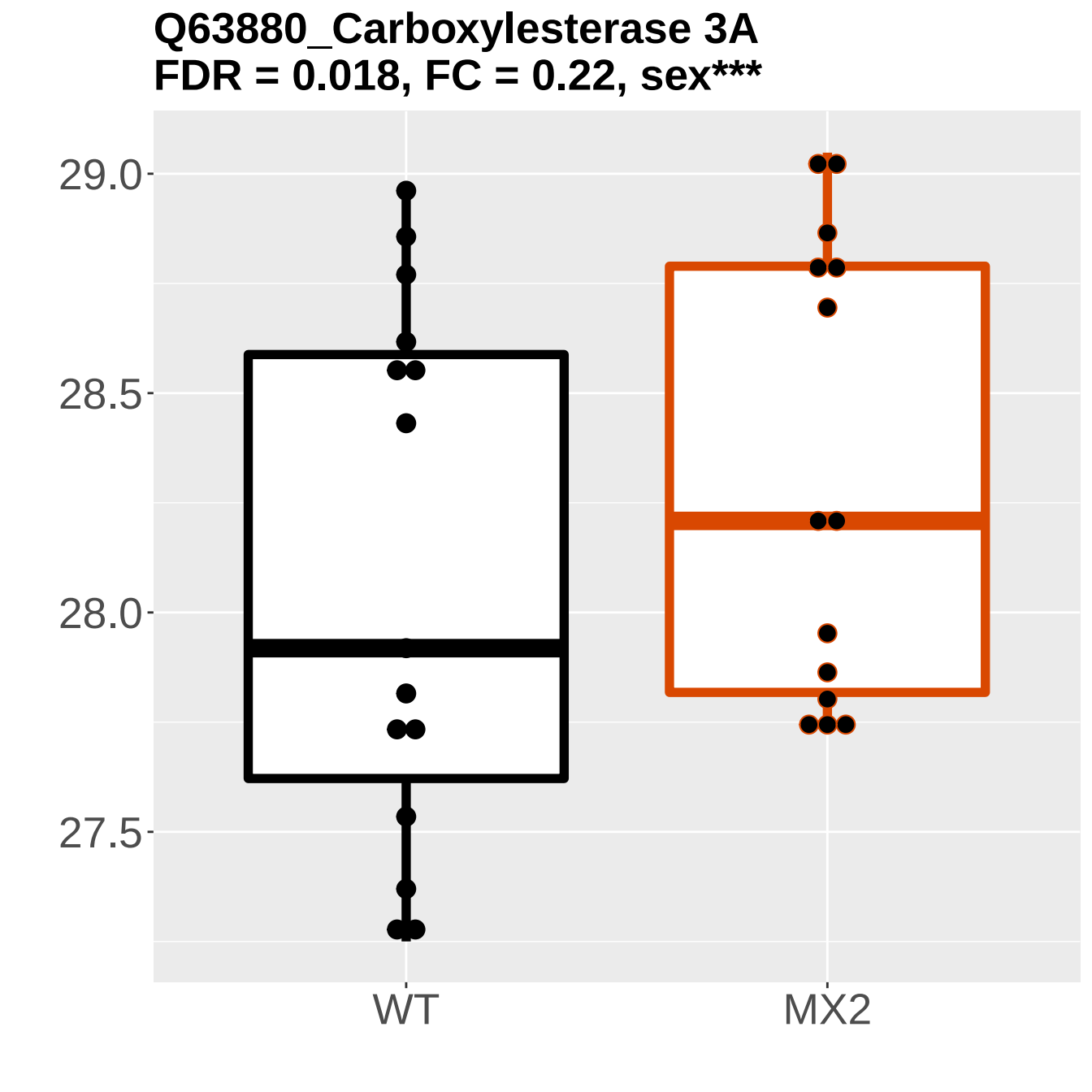

Q5XG73_Acyl−CoA−binding domain−.
FDR = 0.017, FC = −0.28, sex**
23.7
23.4
23.1
22.8
23.045925765258
22.8303242873689
WT
MX2

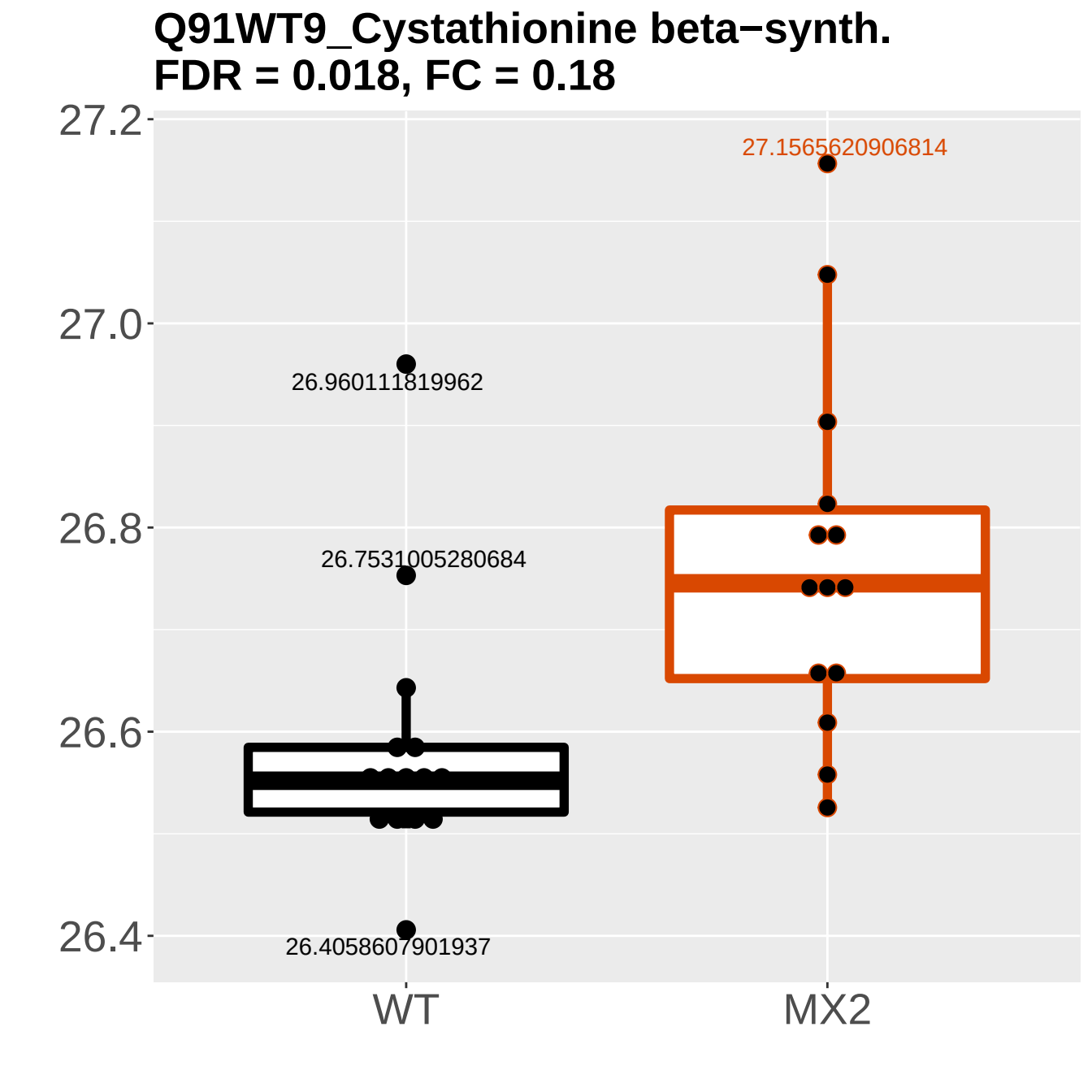

O09173_Homogentisate 1,2−dioxyg.
FDR = 0.017, FC = 0.14
29.0
28.9
28.8
28.7
28.6
28.8961030543051
28.6145525942648
WT
MX2

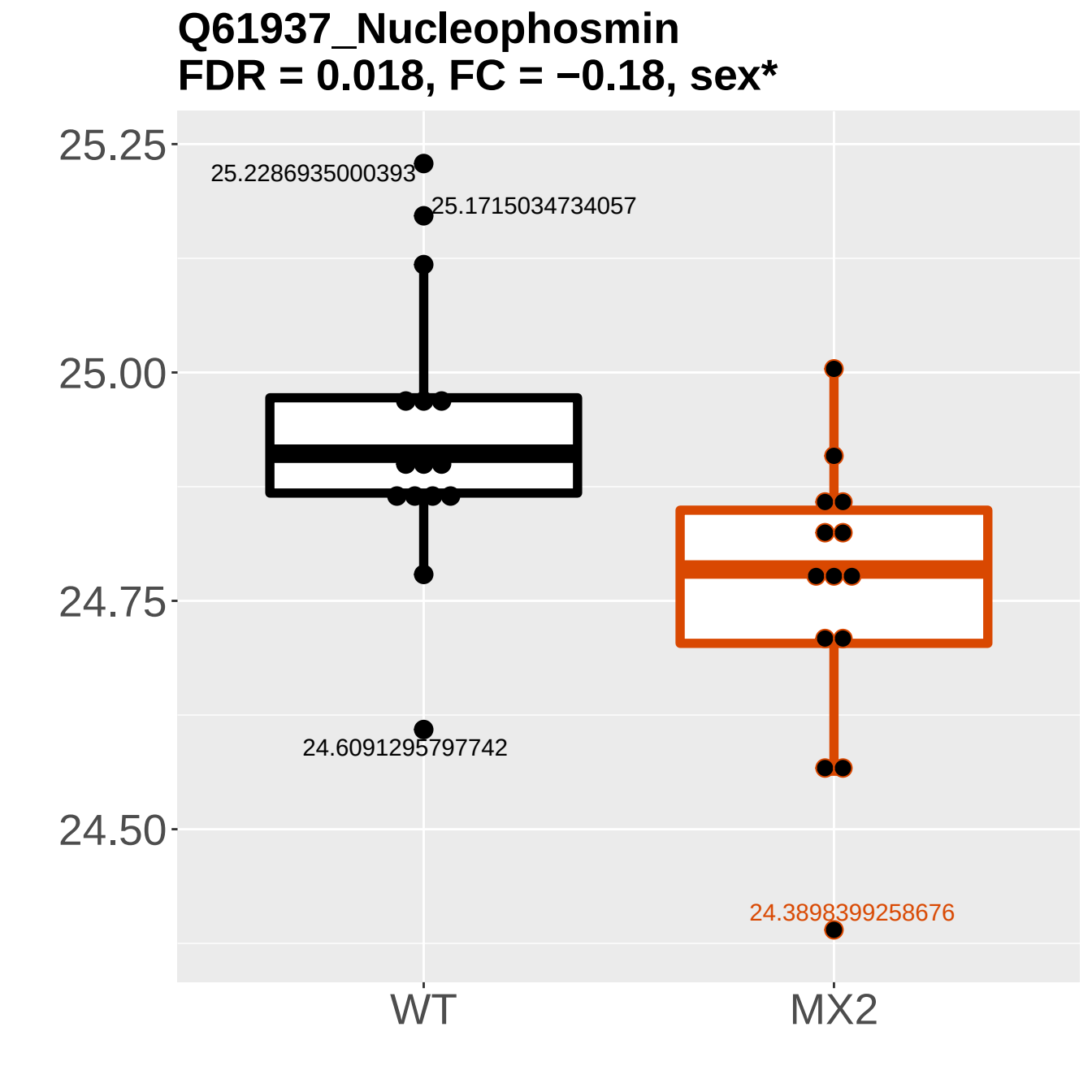

Q60759_Glutaryl−CoA dehydrogena.
FDR = 0.018, FC = 0.13
28.0
27.8
27.6
WT
MX2

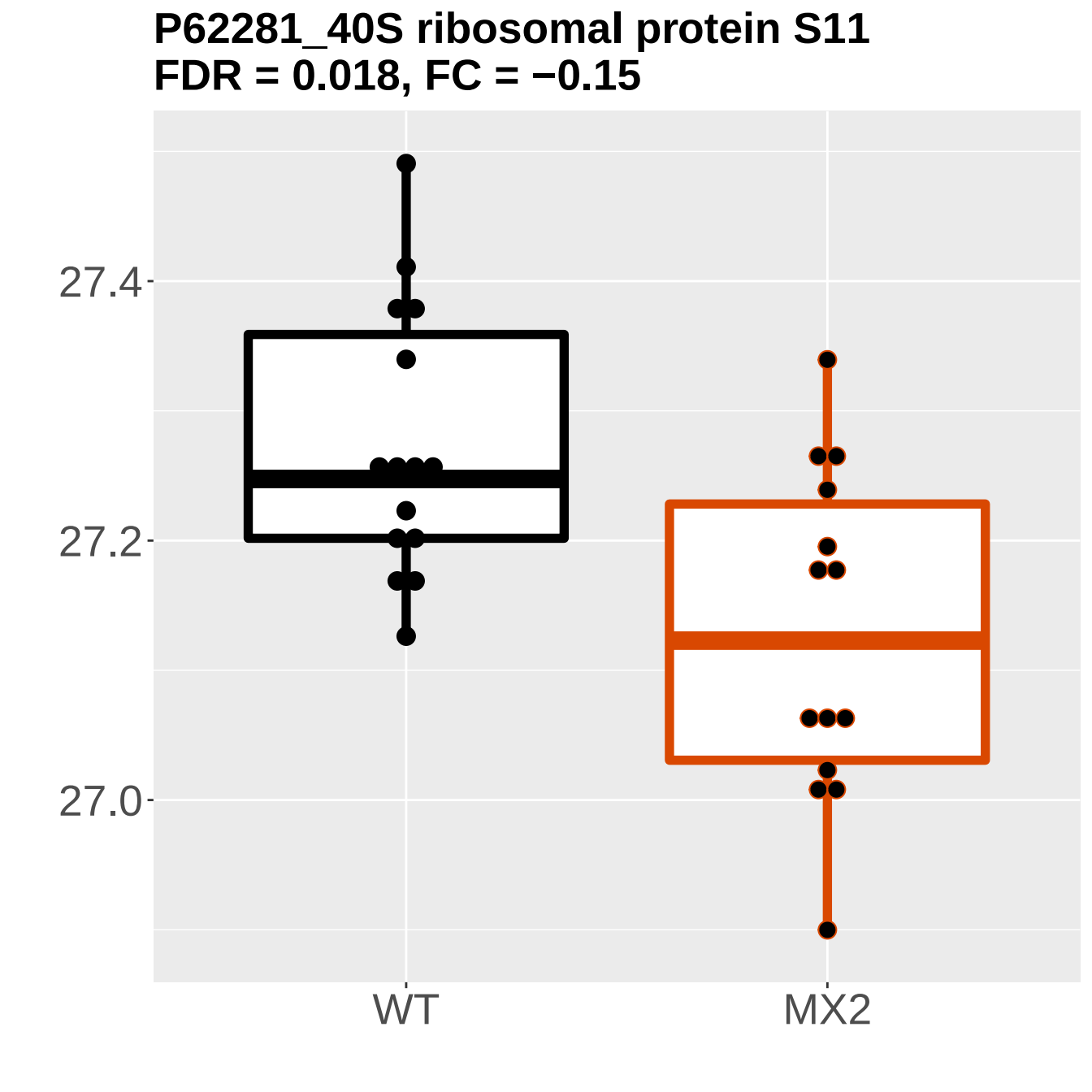

P62908_40S ribosomal protein S3
FDR = 0.018, FC = −0.12
28.2312564902346
28.2
28.1
28.0
27.9
WT
MX2

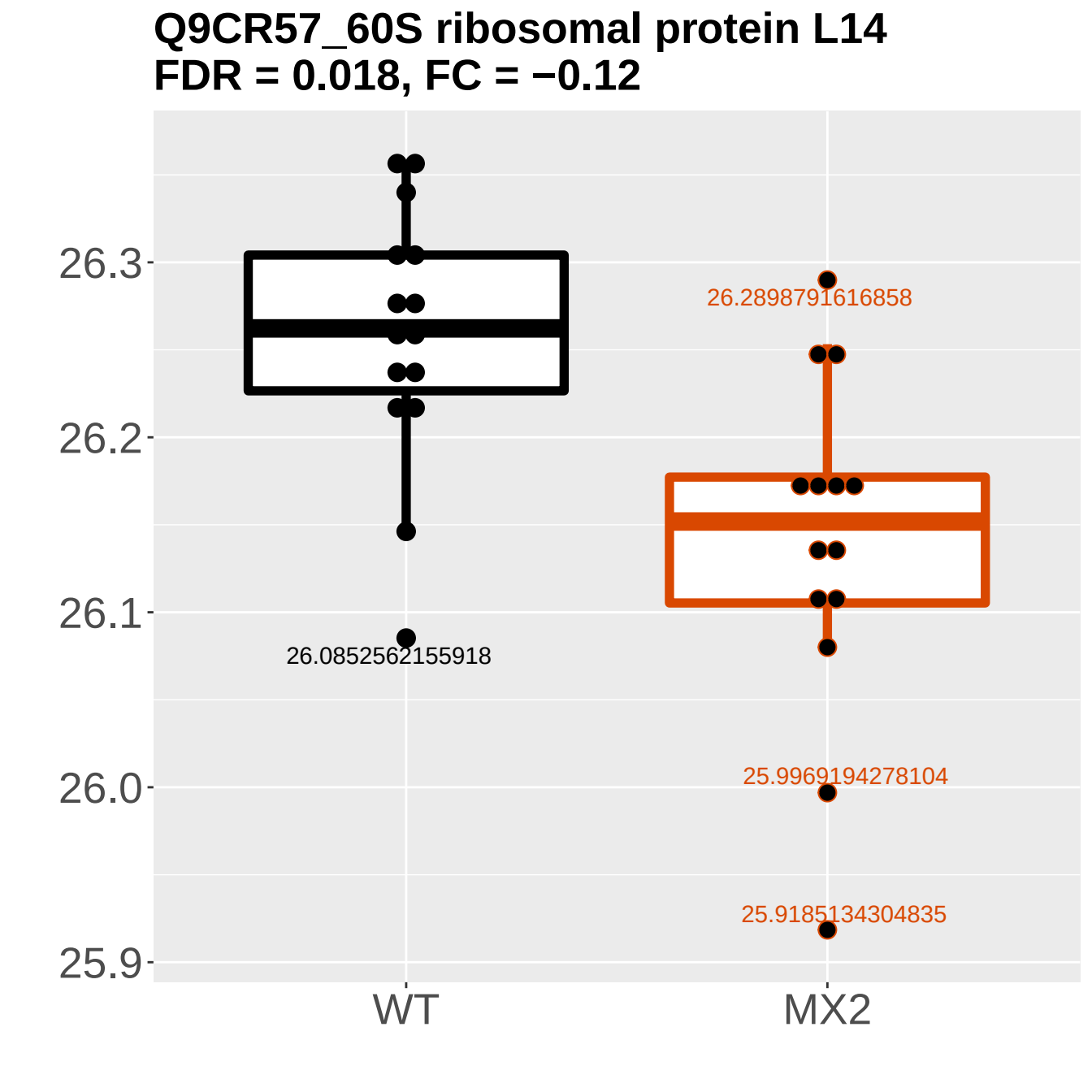

Q99KU0_Vacuole membrane protein.
FDR = 0.018, FC = 1
22
21
20
19
19.6948978037152
WT
MX2

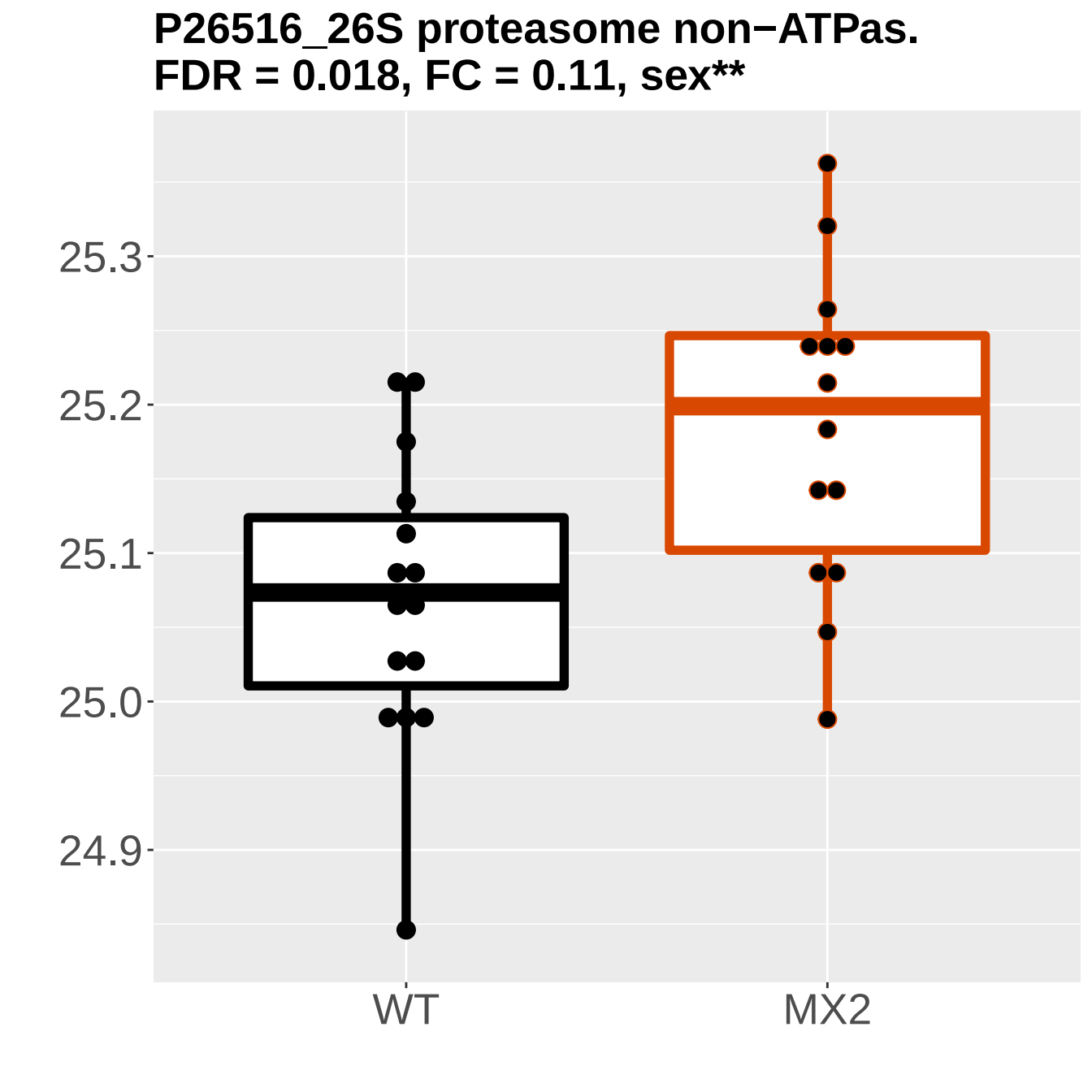

Q63880_Carboxylesterase 3A
FDR = 0.018, FC = 0.22, sex***
29.0
28.5
28.0
27.5
WT
MX2

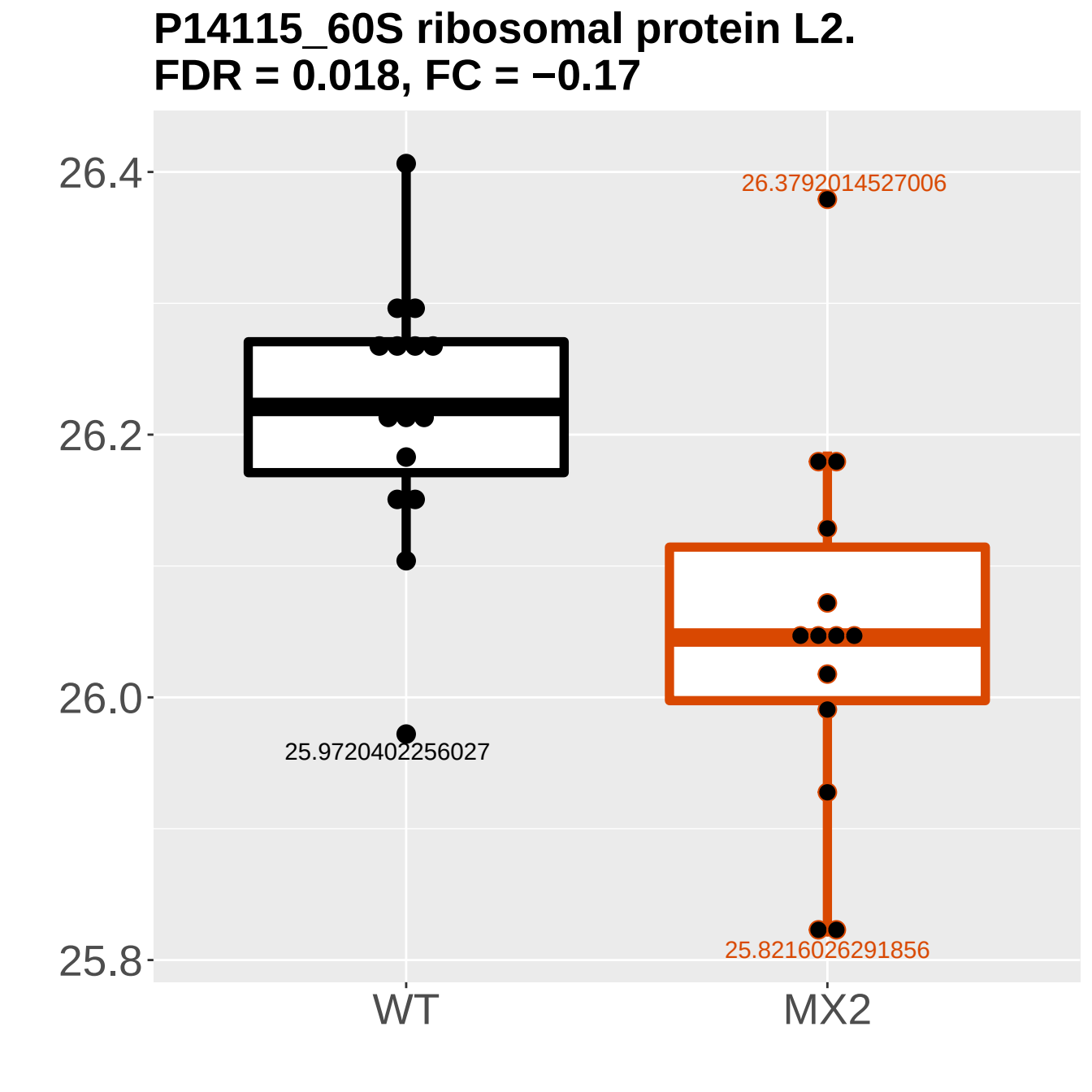

Q91WT9_Cystathionine beta−synth.
FDR = 0.018, FC = 0.18
27.2
27.0
26.8
26.6
26.4
27.1565620906814
26.960111819962
26.7531005280684
26.4058607901937
WT
MX2

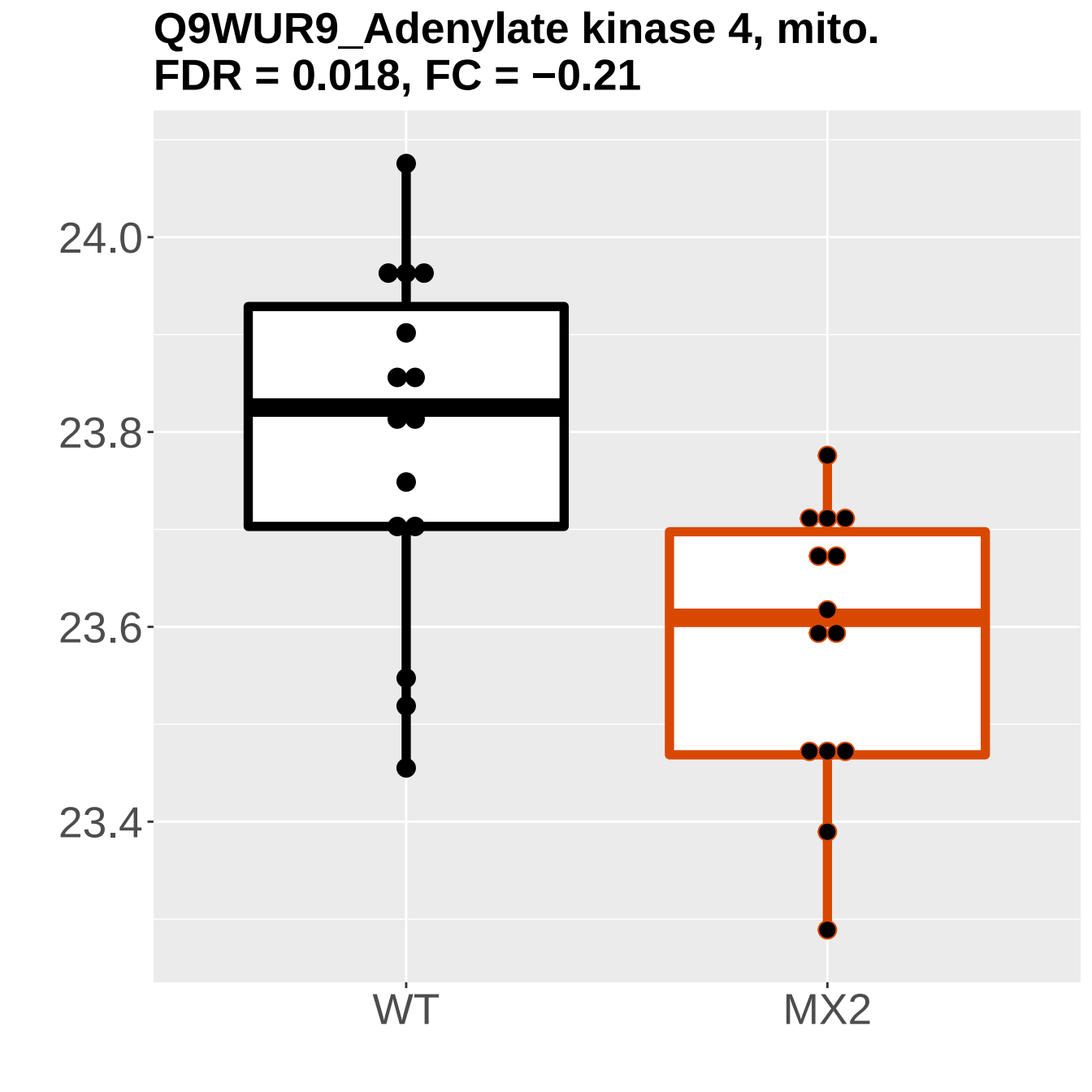

Q61937_Nucleophosmin
FDR = 0.018, FC = −0.18, sex*
25.25
25.00
24.75
24.50
25.2286935000393
25.1715034734057
24.6091295797742
24.3898399258676
WT
MX2

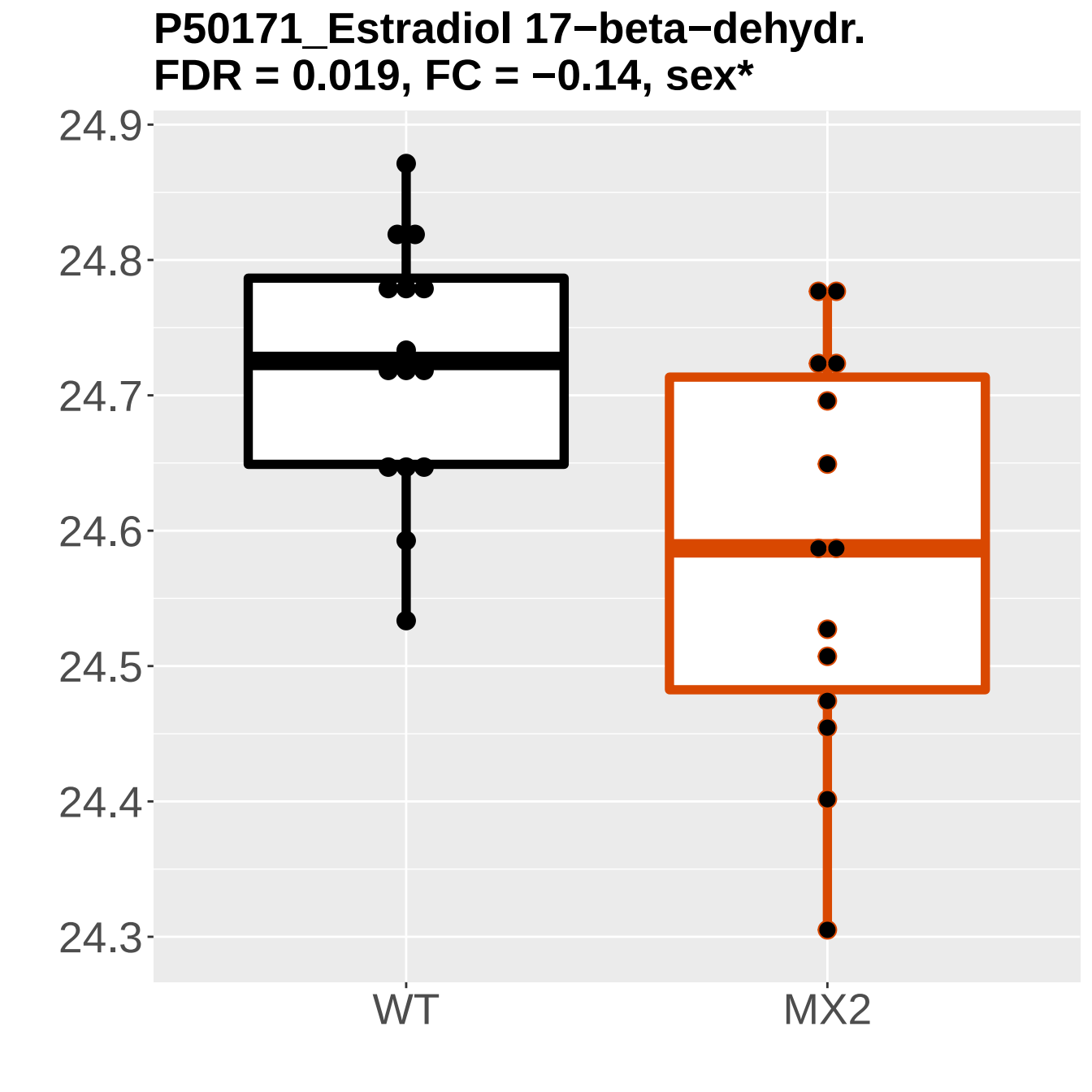

P62281_40S ribosomal protein S11
FDR = 0.018, FC = −0.15
27.4
27.2
27.0
WT
MX2

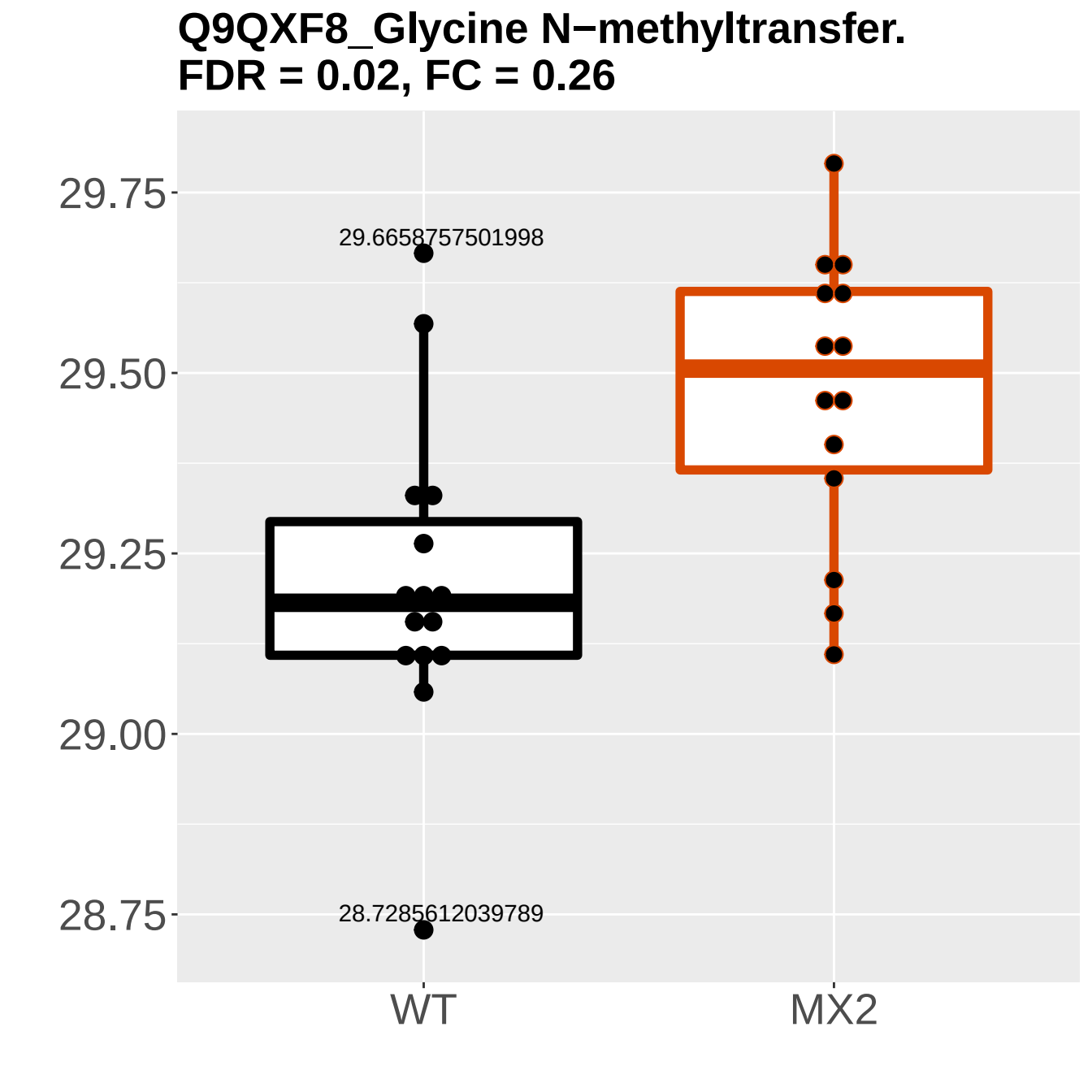

Q9CR57_60S ribosomal protein L14
FDR = 0.018, FC = −0.12
26.3
26.2
26.1
26.0
25.9
26.2898791616858
26.0852562155918
25.9969194278104
25.9185134304835
WT
MX2

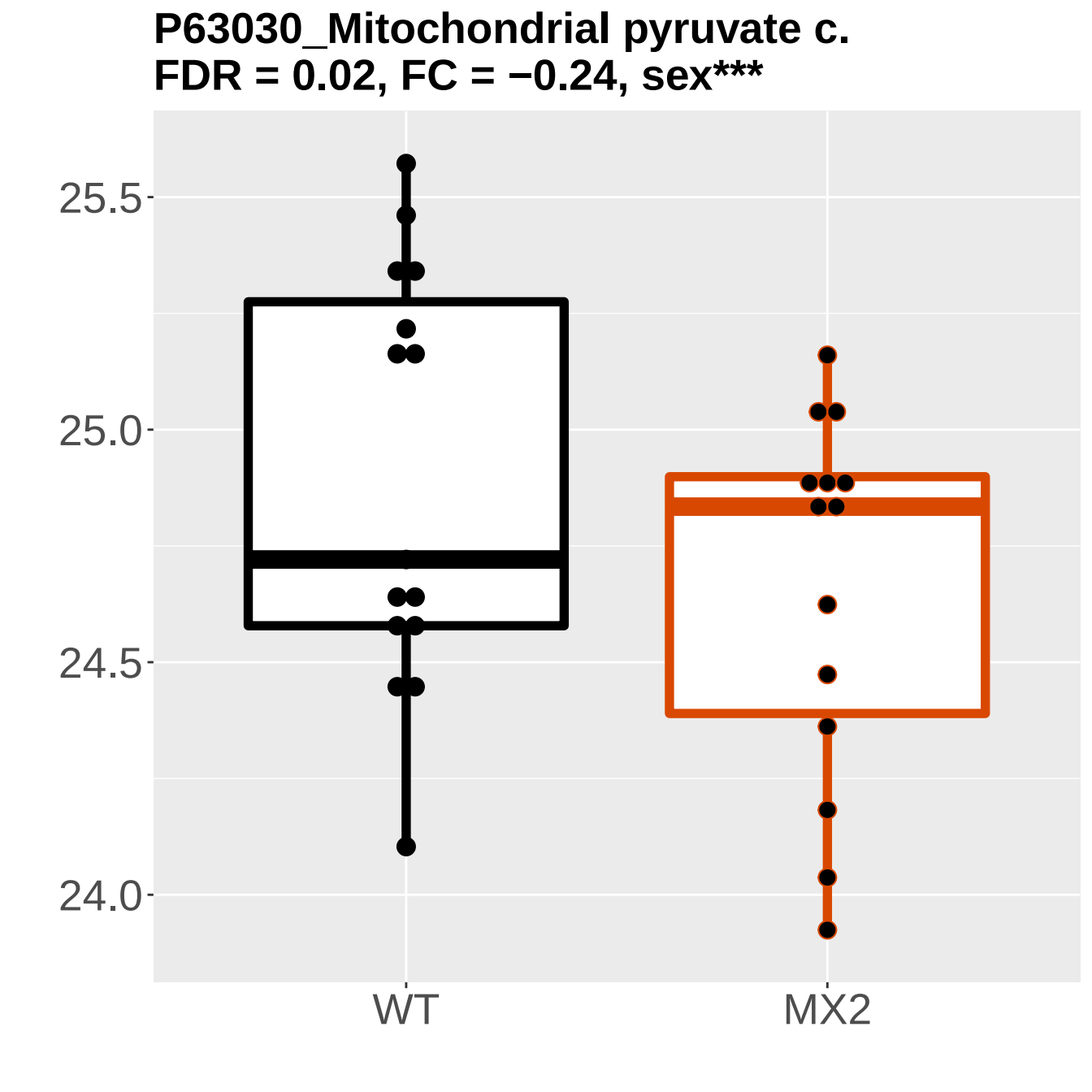

P26516_26S proteasome non−ATPas.
FDR = 0.018, FC = 0.11, sex**
25.3
25.2
25.1
25.0
24.9
WT
MX2

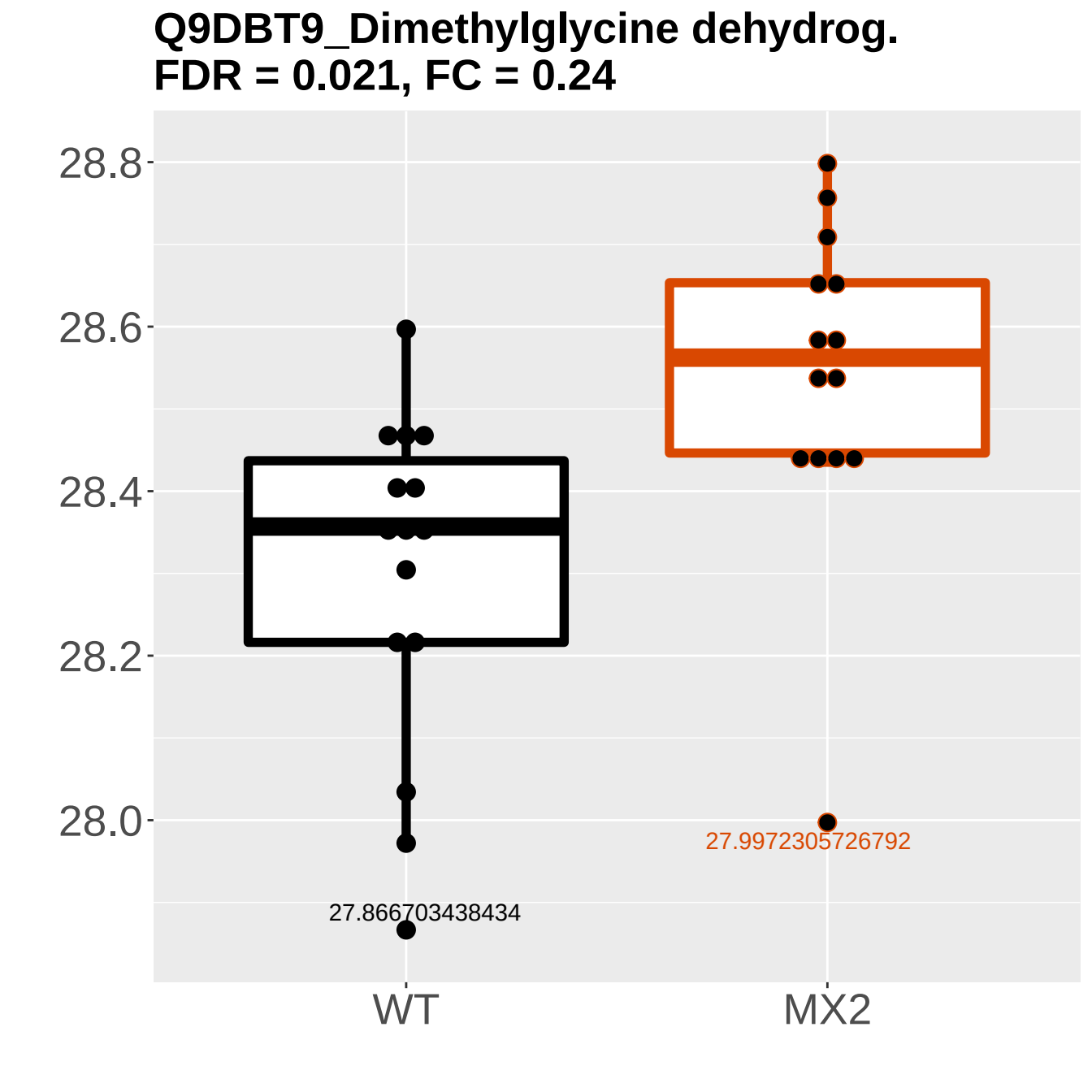

P14115_60S ribosomal protein L2.
FDR = 0.018, FC = −0.17
26.4
26.2
26.0
25.8
26.3792014527006
25.9720402256027
25.8216026291856
WT
MX2

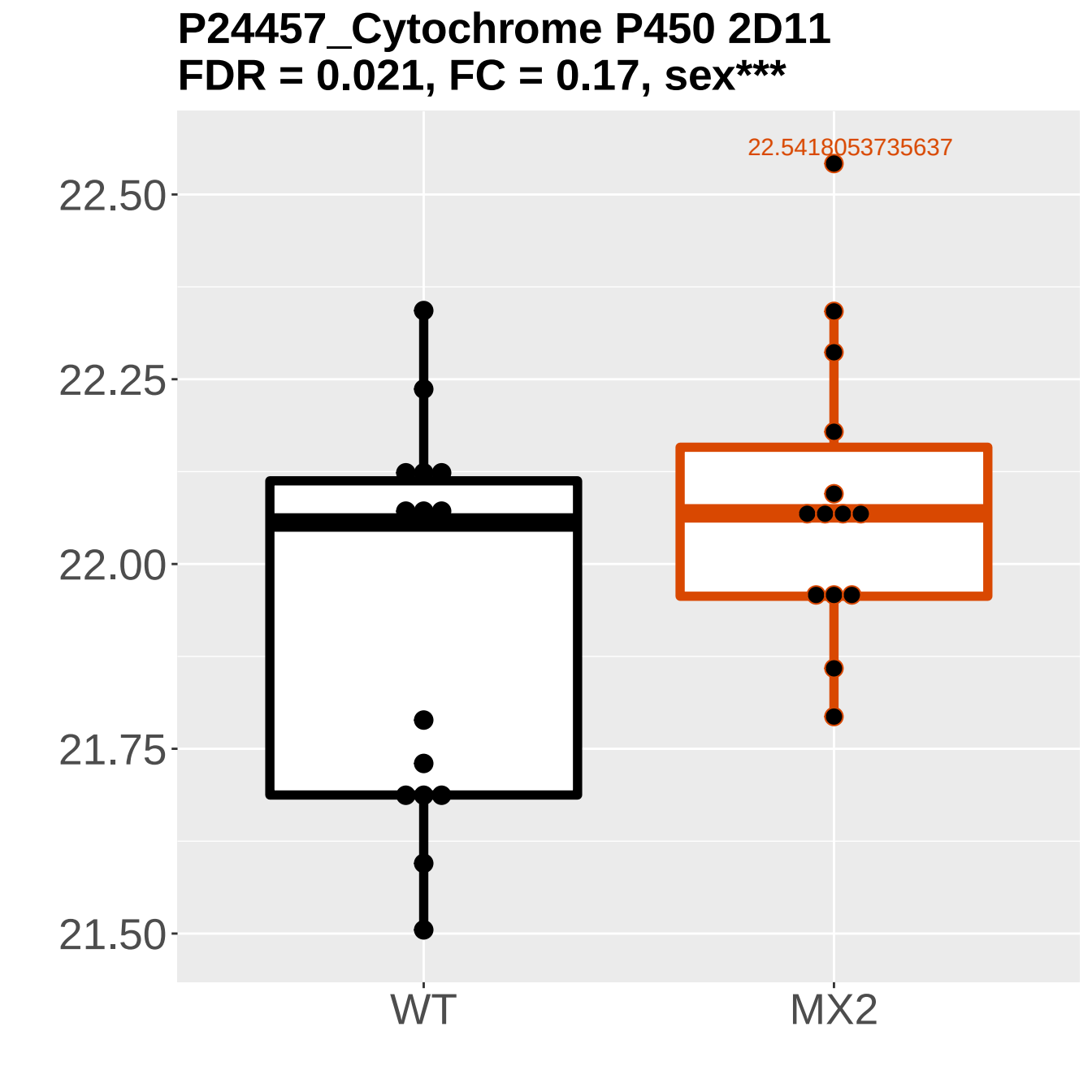

Q9WUR9_Adenylate kinase 4, mito.
FDR = 0.018, FC = −0.21
24.0
23.8
23.6
23.4
WT
MX2

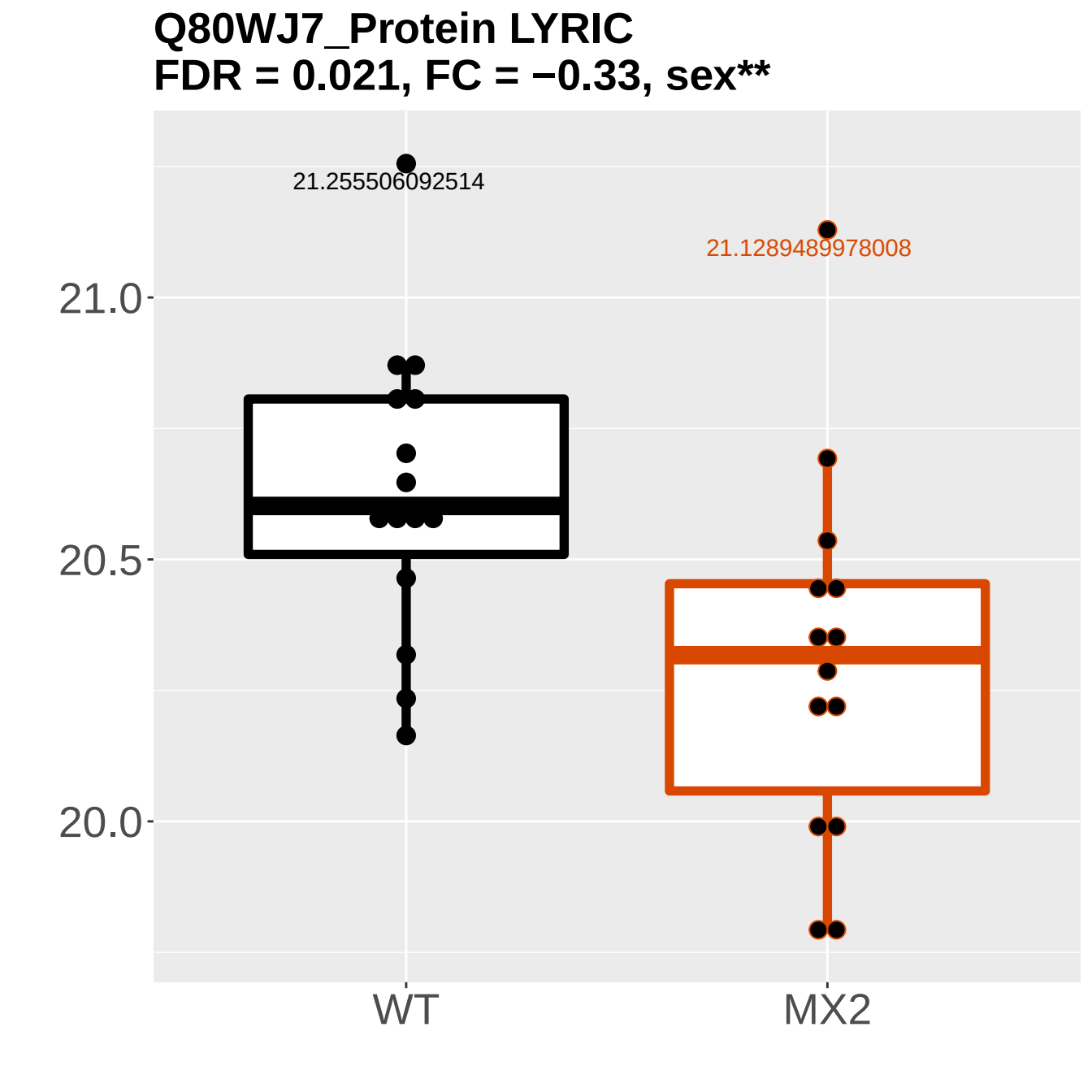

P50171_Estradiol 17−beta−dehydr.
FDR = 0.019, FC = −0.14, sex*
24.9
24.8
24.7
24.6
24.5
24.4
24.3
WT
MX2

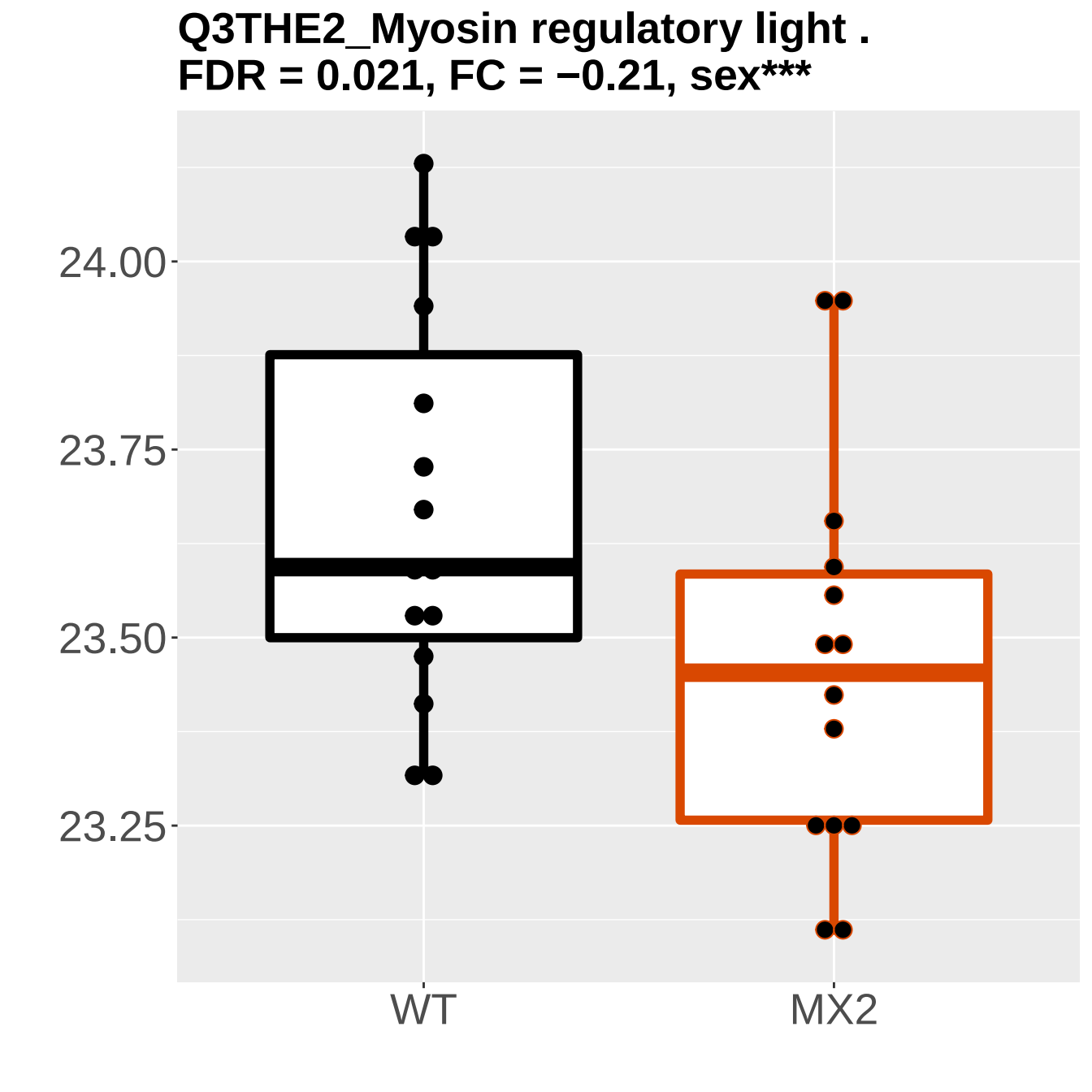

Q9QXF8_Glycine N−methyltransfer.
FDR = 0.02, FC = 0.26
29.75
29.50
29.25
29.00
28.75
29.6658757501998
28.7285612039789
WT
MX2

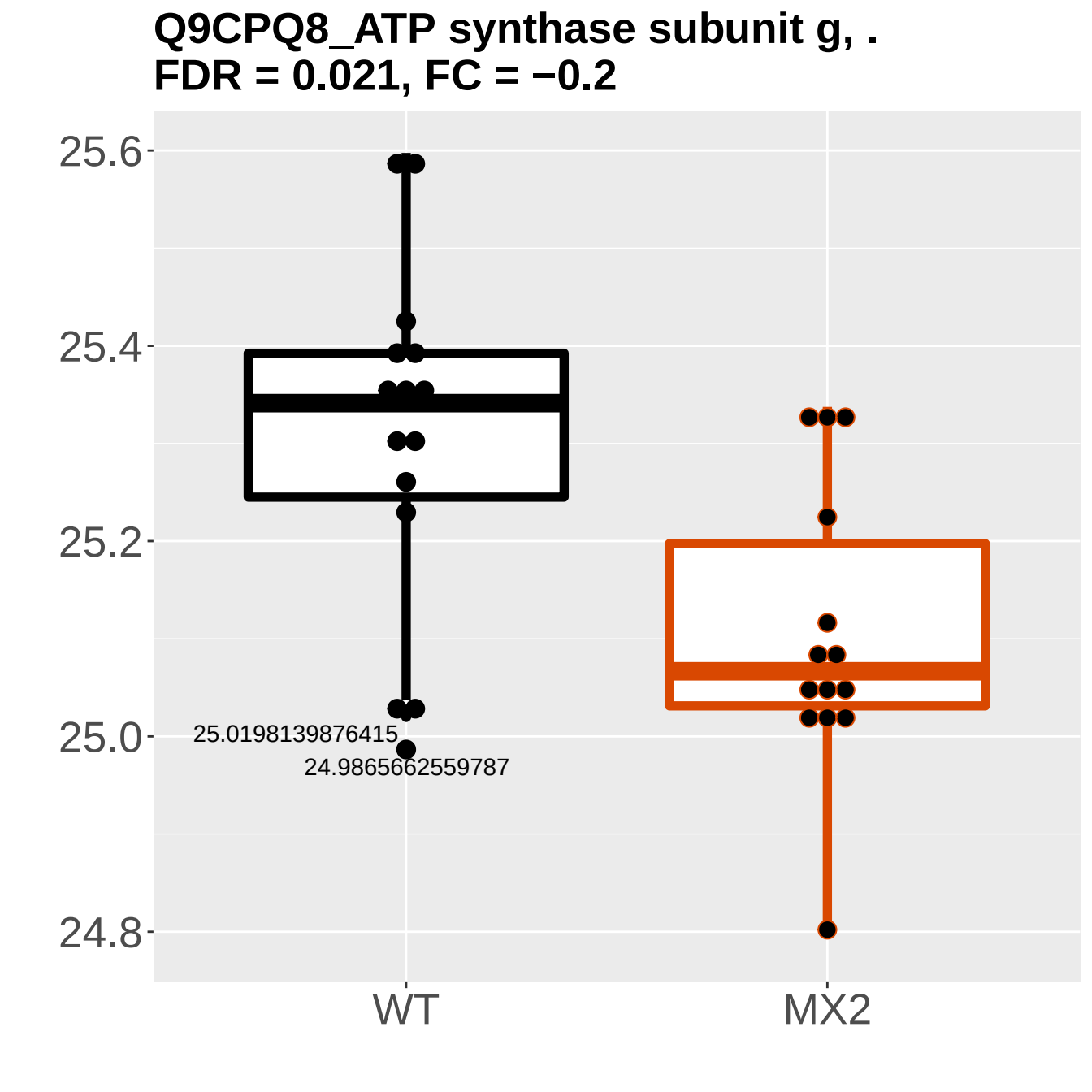

P63030_Mitochondrial pyruvate c.
FDR = 0.02, FC = −0.24, sex***
25.5
25.0
24.5
24.0
WT
MX2

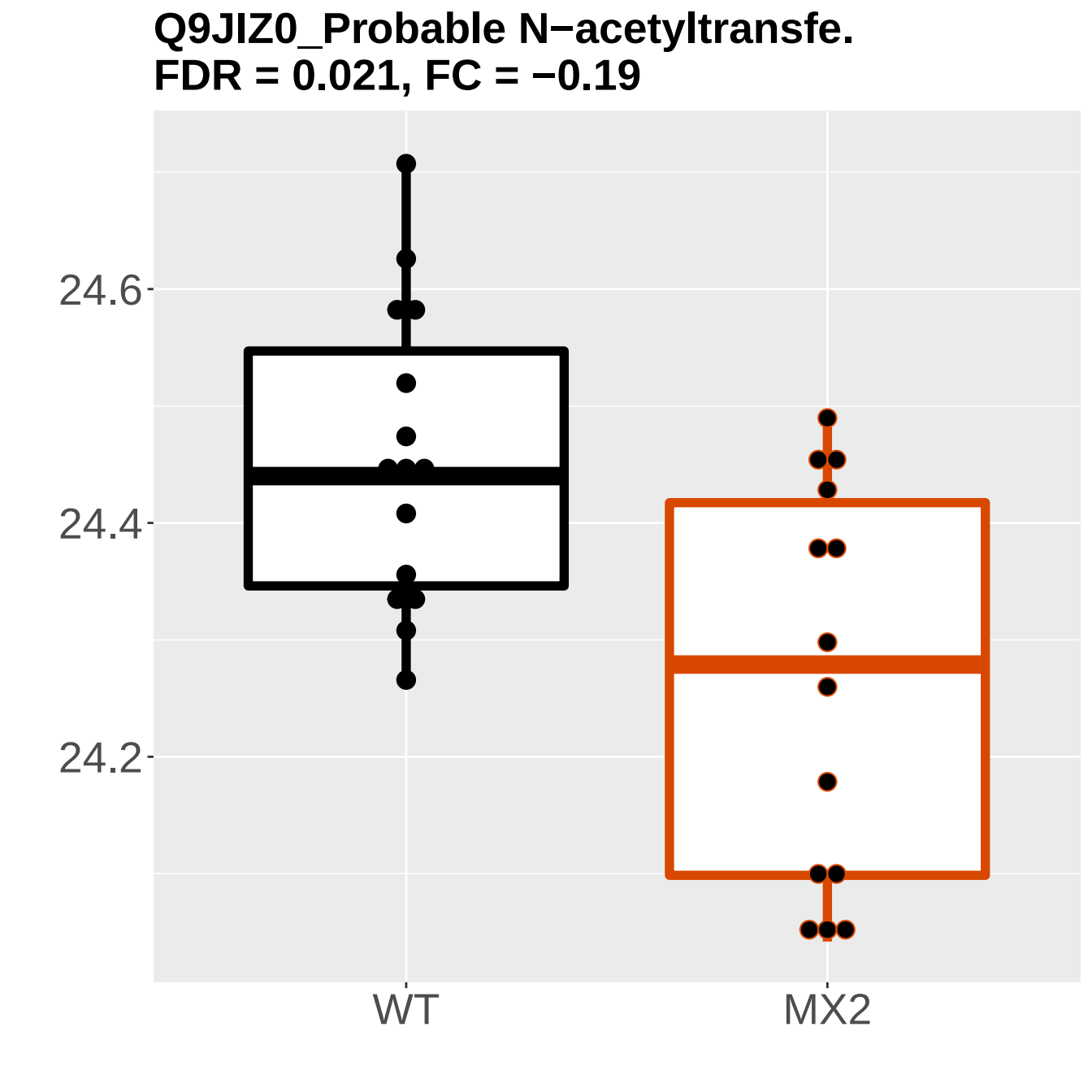

Q9DBT9_Dimethylglycine dehydrog.
FDR = 0.021, FC = 0.24
28.8
28.6
28.4
28.2
28.0
27.866703438434
27.9972305726792
WT
MX2

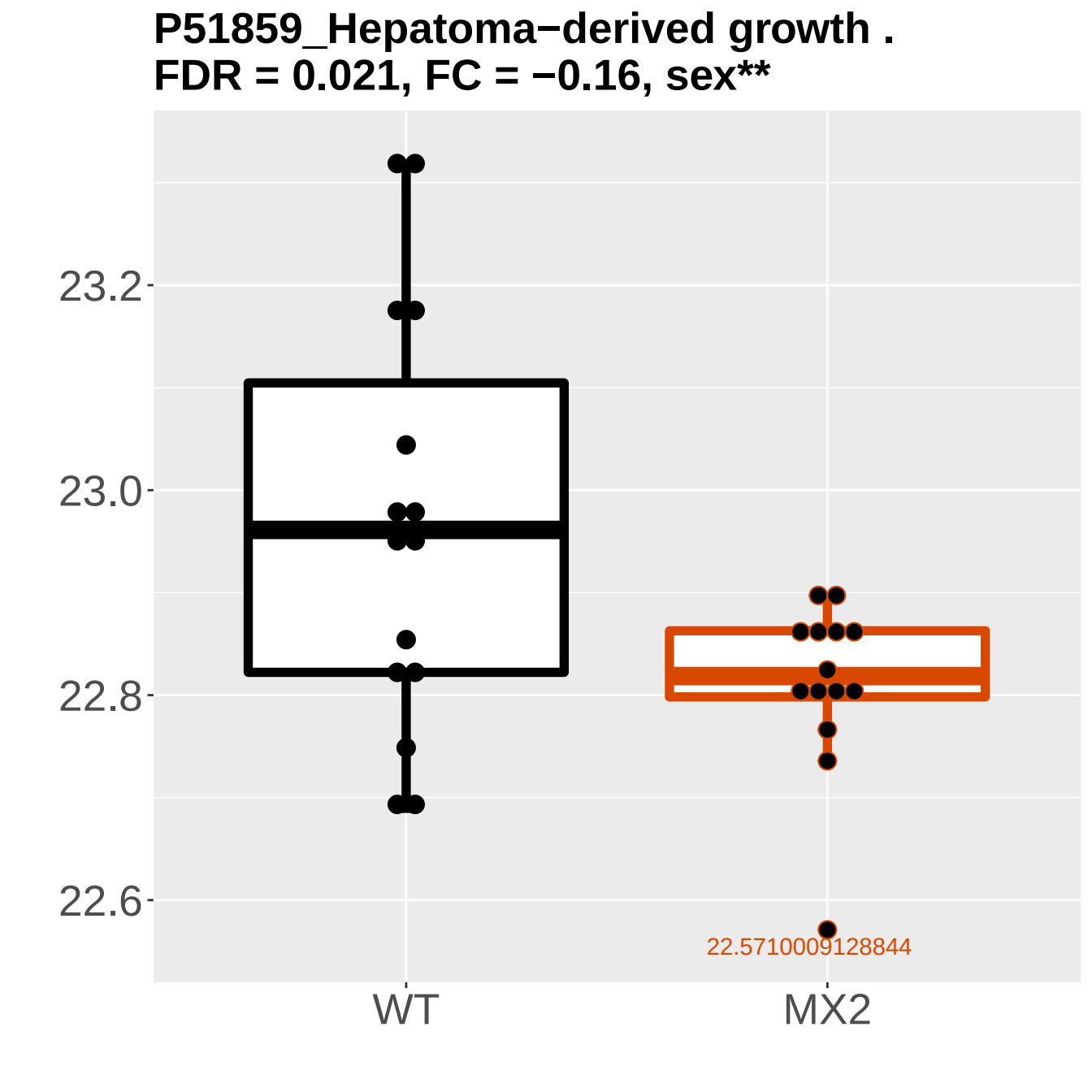

P24457_Cytochrome P450 2D11
FDR = 0.021, FC = 0.17, sex***
22.5418053735637
22.50
22.25
22.00
21.75
21.50
WT
MX2

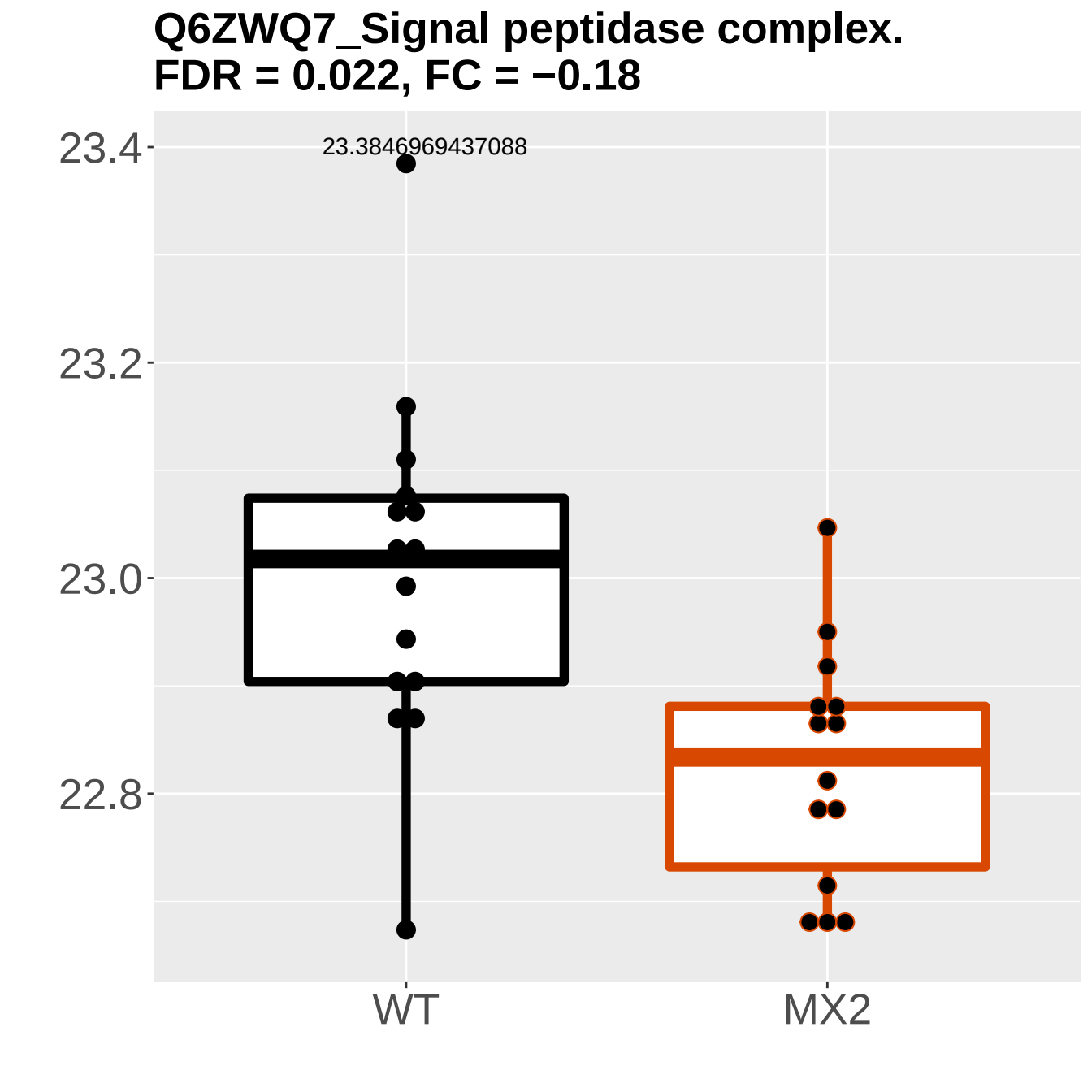

Q80WJ7_Protein LYRIC
FDR = 0.021, FC = −0.33, sex**
21.255506092514
21.1289489978008
21.0
20.5
20.0
WT
MX2

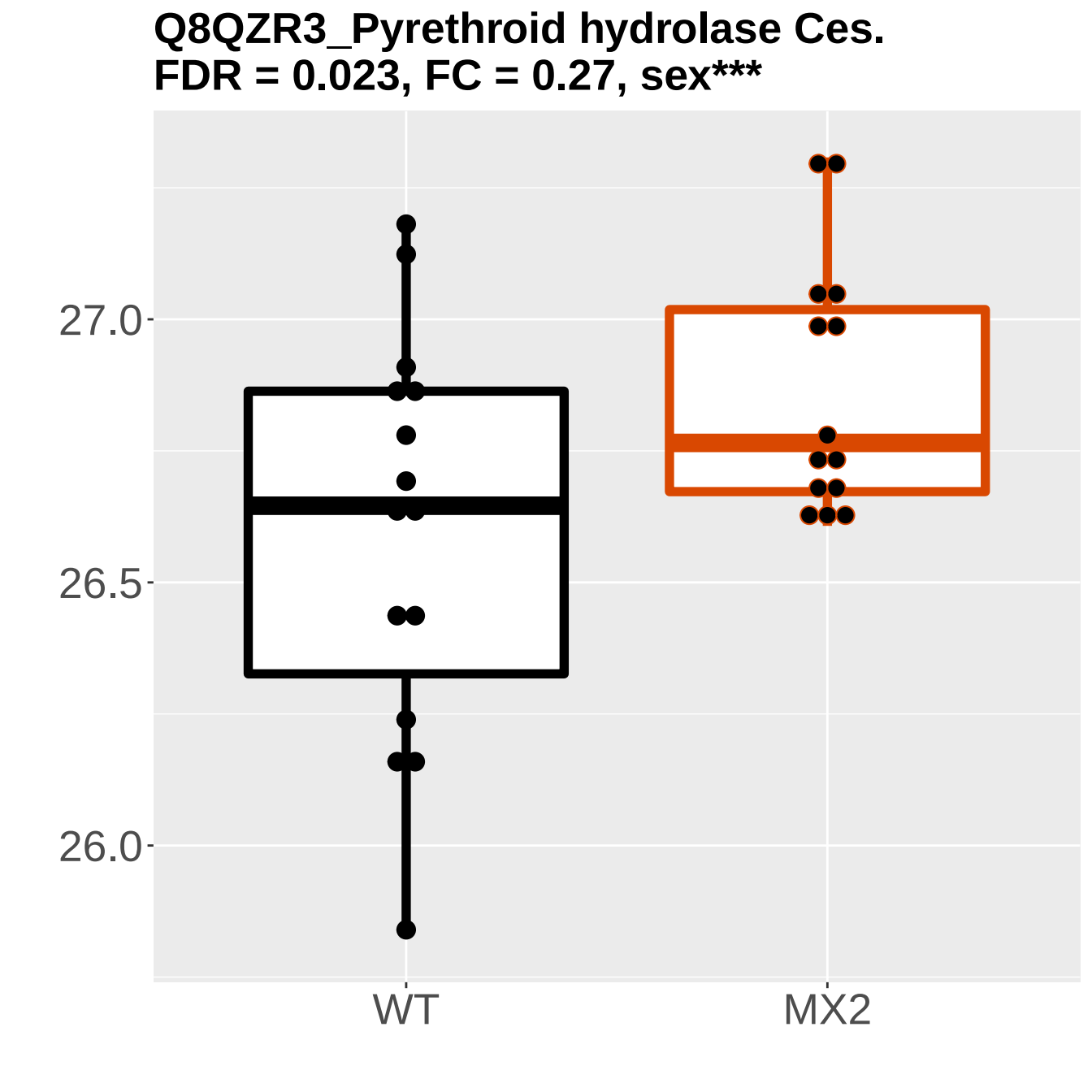

Q3THE2_Myosin regulatory light .
FDR = 0.021, FC = −0.21, sex***
24.00
23.75
23.50
23.25
WT
MX2

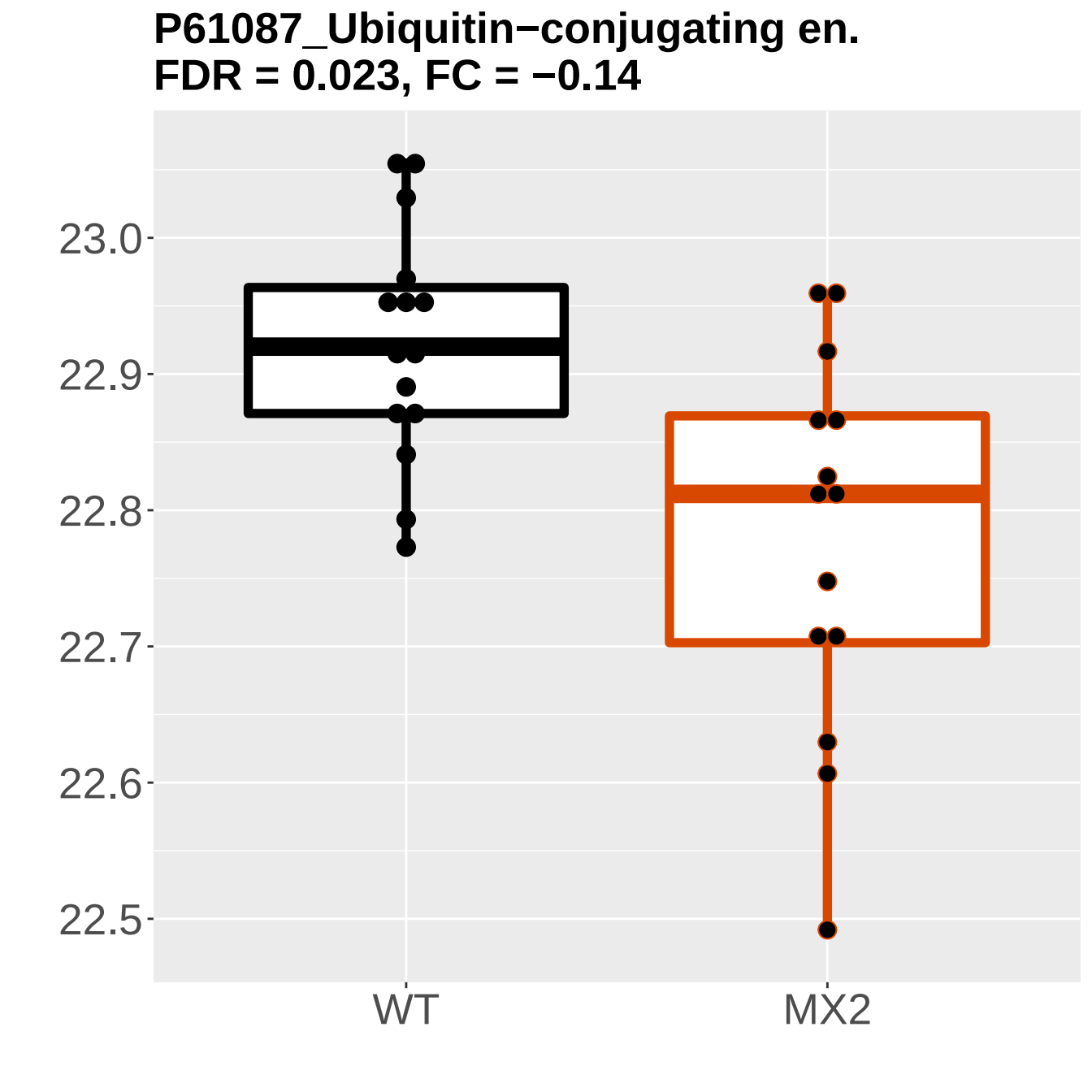

Q9CPQ8_ATP synthase subunit g, .
FDR = 0.021, FC = −0.2
25.6
25.4
25.2
25.0
24.8
25.0198139876415
24.9865662559787
WT
MX2

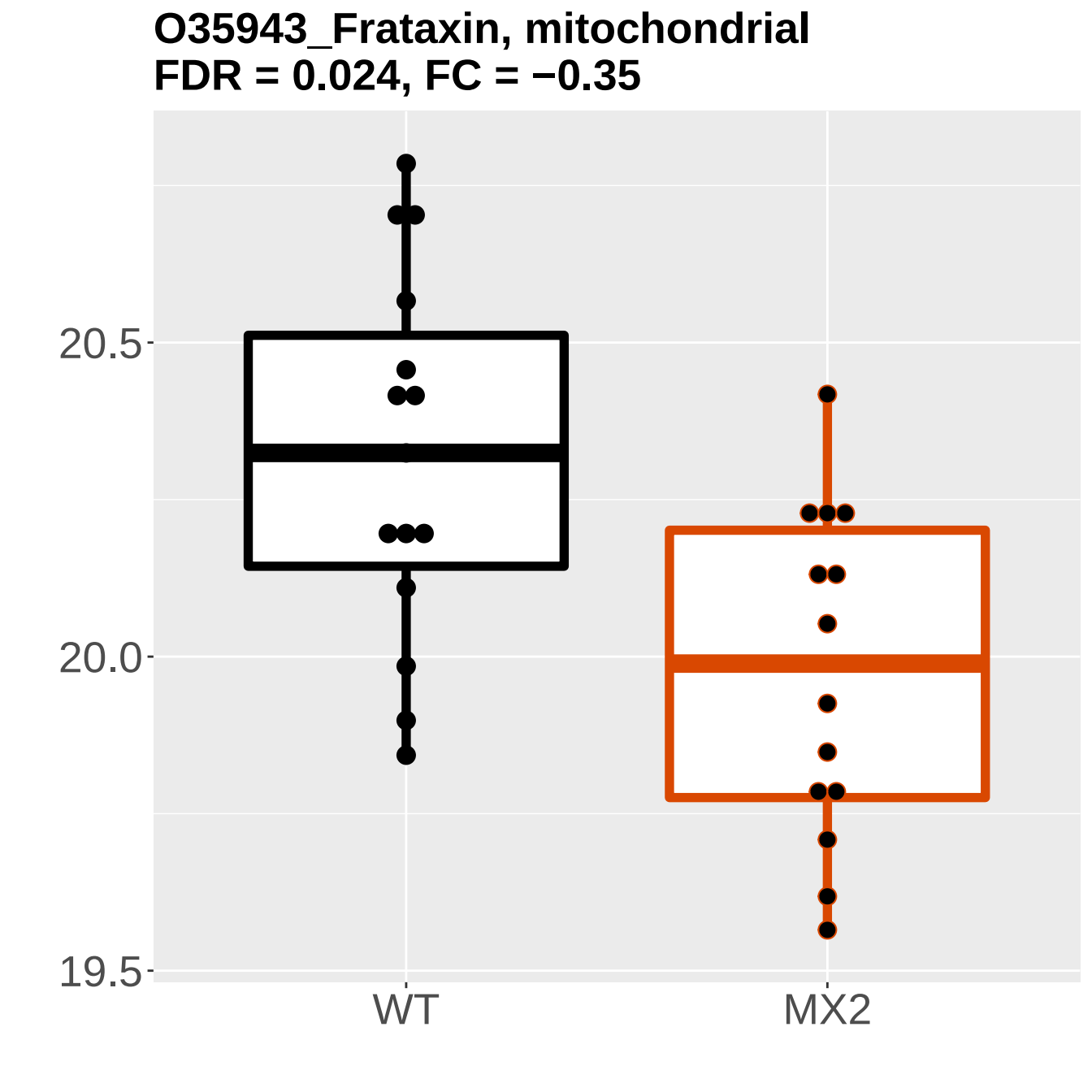

Q9JIZ0_Probable N−acetyltransfe.
FDR = 0.021, FC = −0.19
24.6
24.4
24.2
WT
MX2

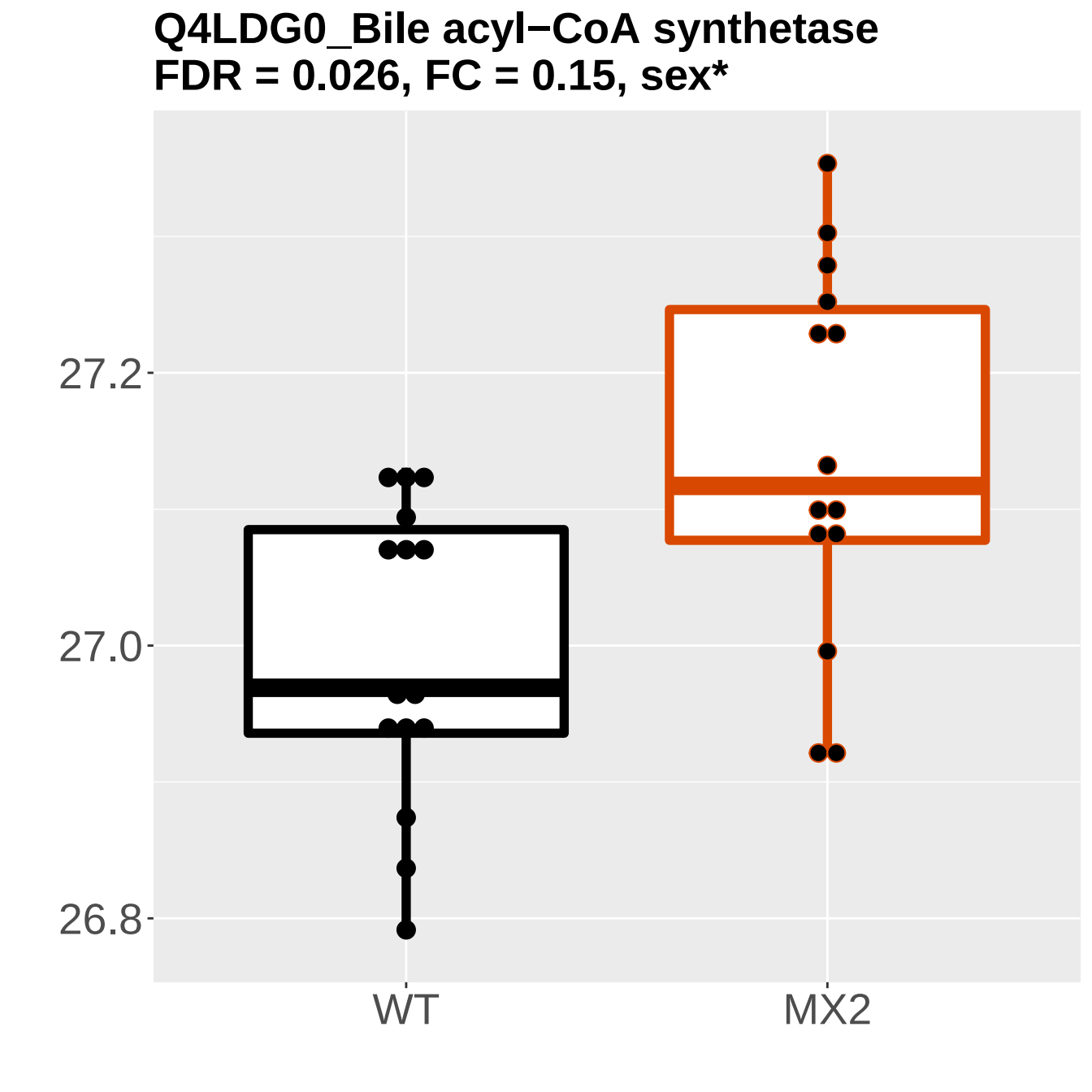

P51859_Hepatoma−derived growth .
FDR = 0.021, FC = −0.16, sex**
23.2
23.0
22.8
22.6
22.5710009128844
WT
MX2

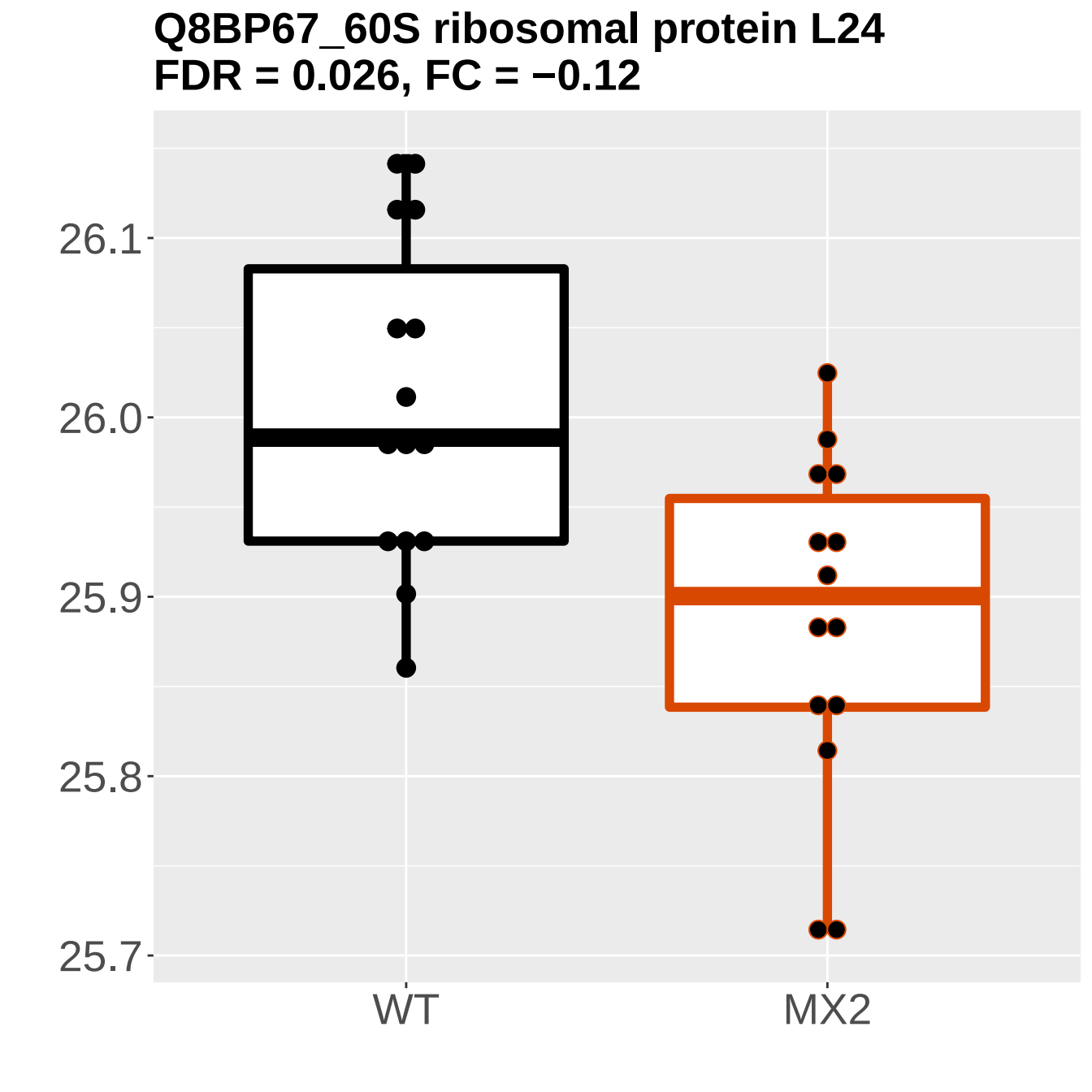

Q6ZWQ7_Signal peptidase complex.
FDR = 0.022, FC = −0.18
23.4
23.2
23.0
22.8
23.3846969437088
WT
MX2

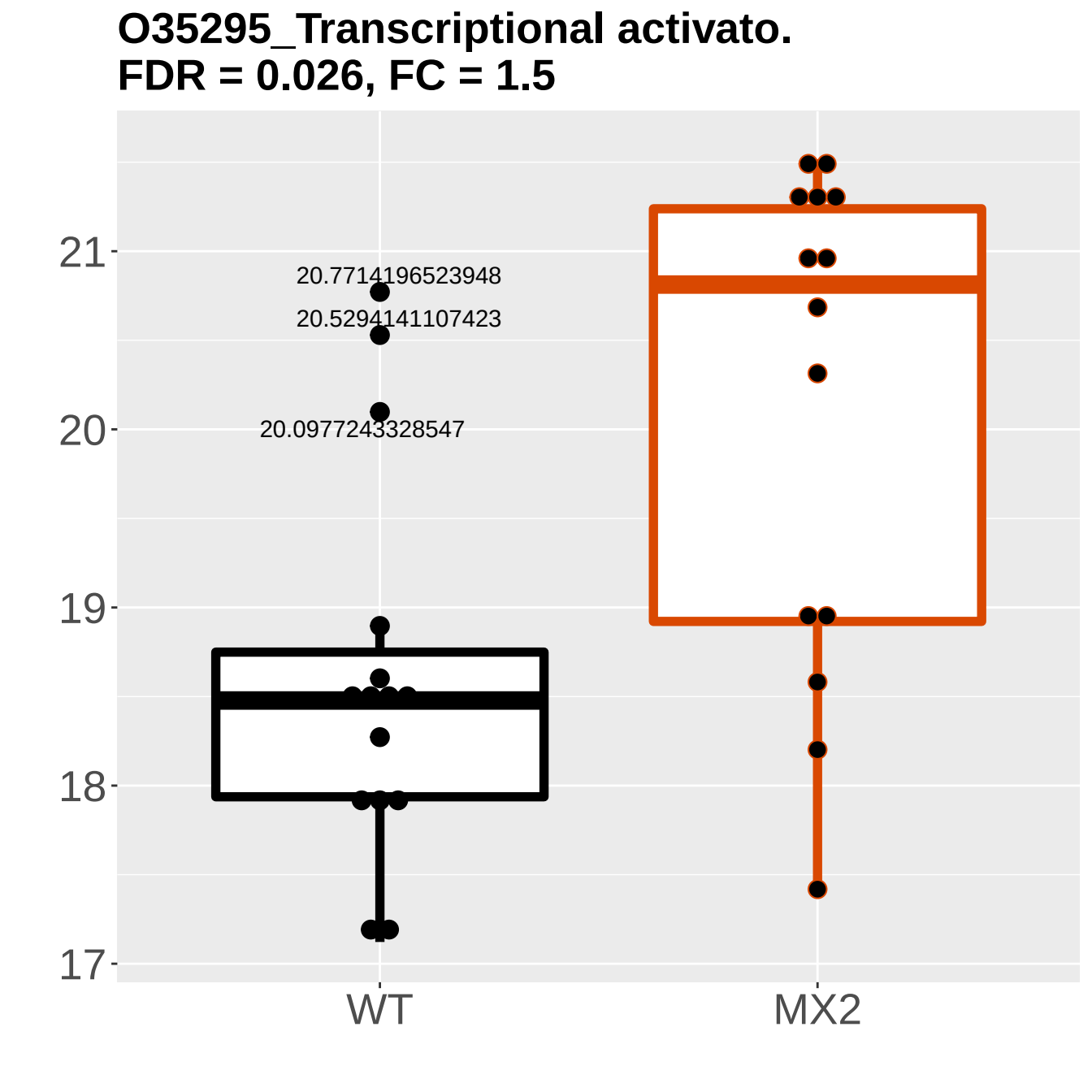

Q8QZR3_Pyrethroid hydrolase Ces.
FDR = 0.023, FC = 0.27, sex***
27.0
26.5
26.0
WT
MX2

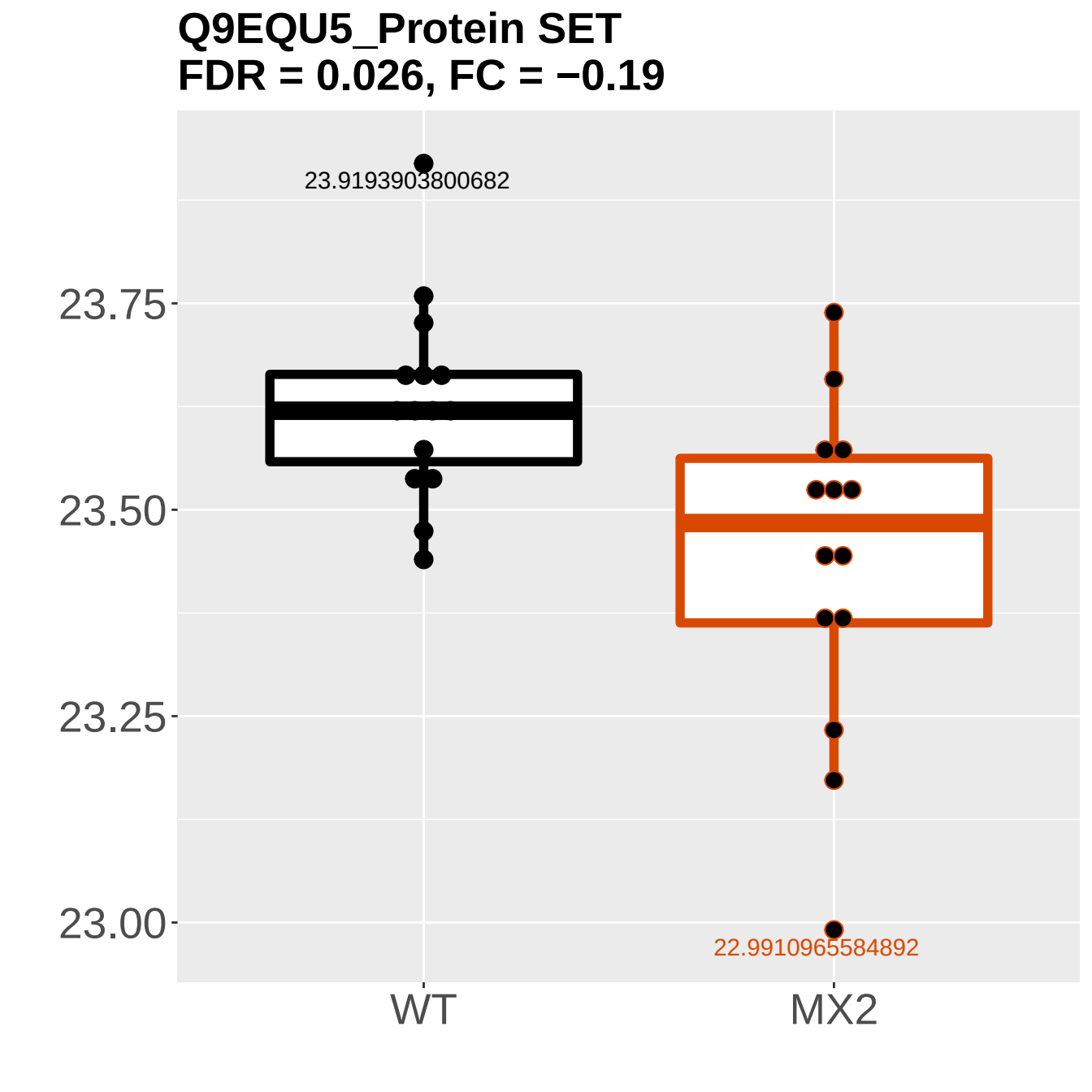

P61087_Ubiquitin−conjugating en.
FDR = 0.023, FC = −0.14
23.0
22.9
22.8
22.7
22.6
22.5
WT
MX2

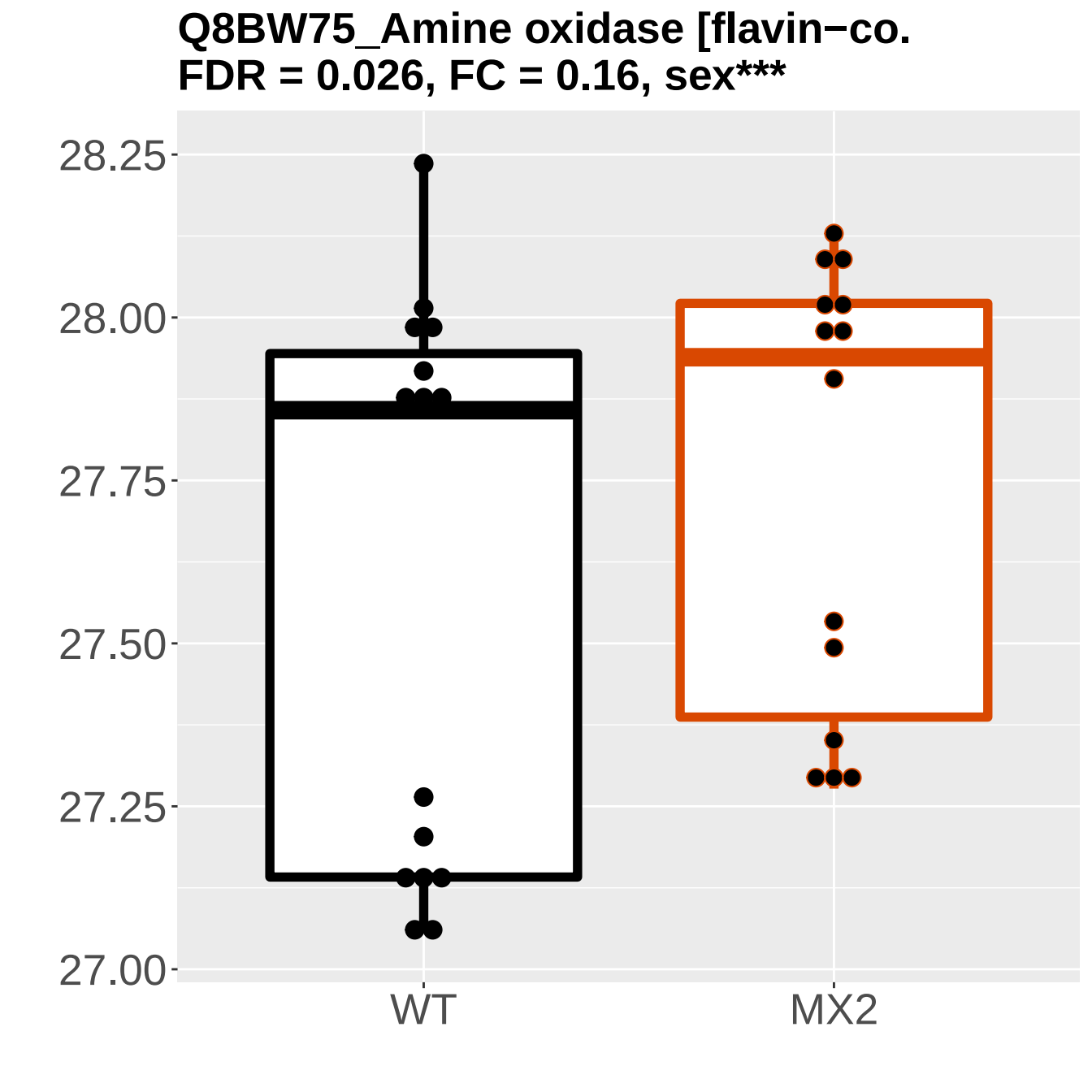

O35943_Frataxin, mitochondrial
FDR = 0.024, FC = −0.35
20.5
20.0
19.5
WT
MX2

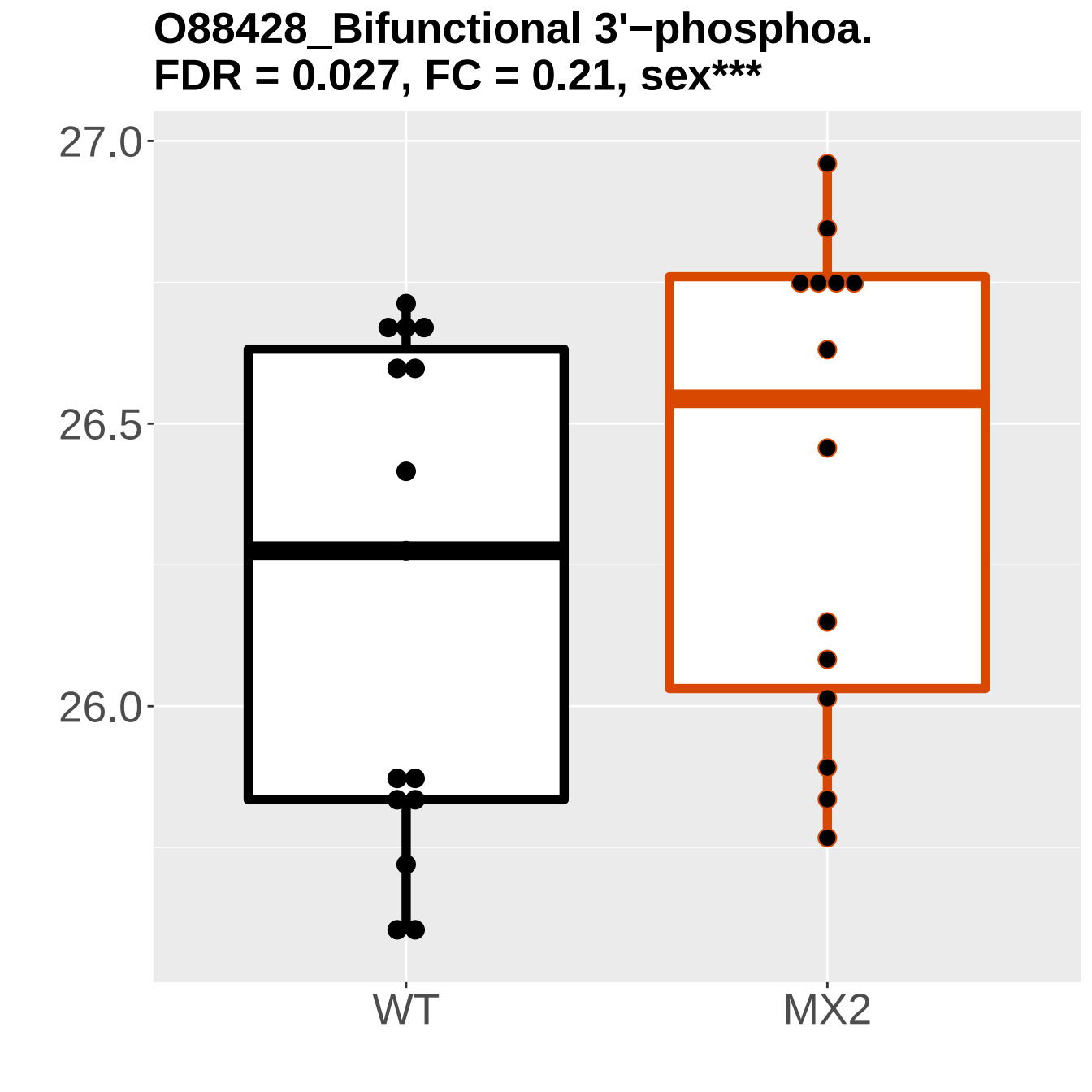

Q4LDG0_Bile acyl−CoA synthetase
FDR = 0.026, FC = 0.15, sex*
27.2
27.0
26.8
WT
MX2

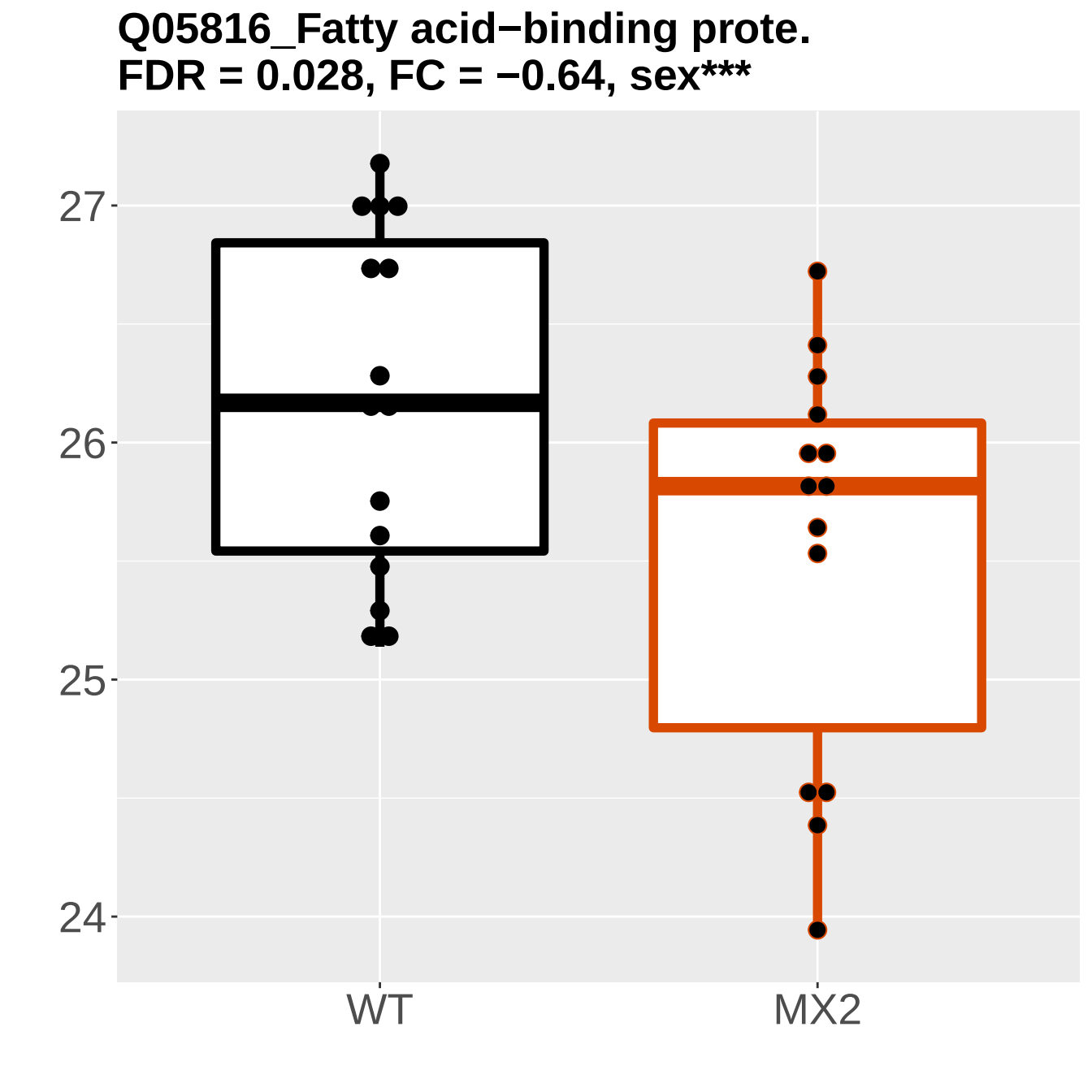

Q8BP67_60S ribosomal protein L24
FDR = 0.026, FC = −0.12
26.1
26.0
25.9
25.8
25.7
WT
MX2

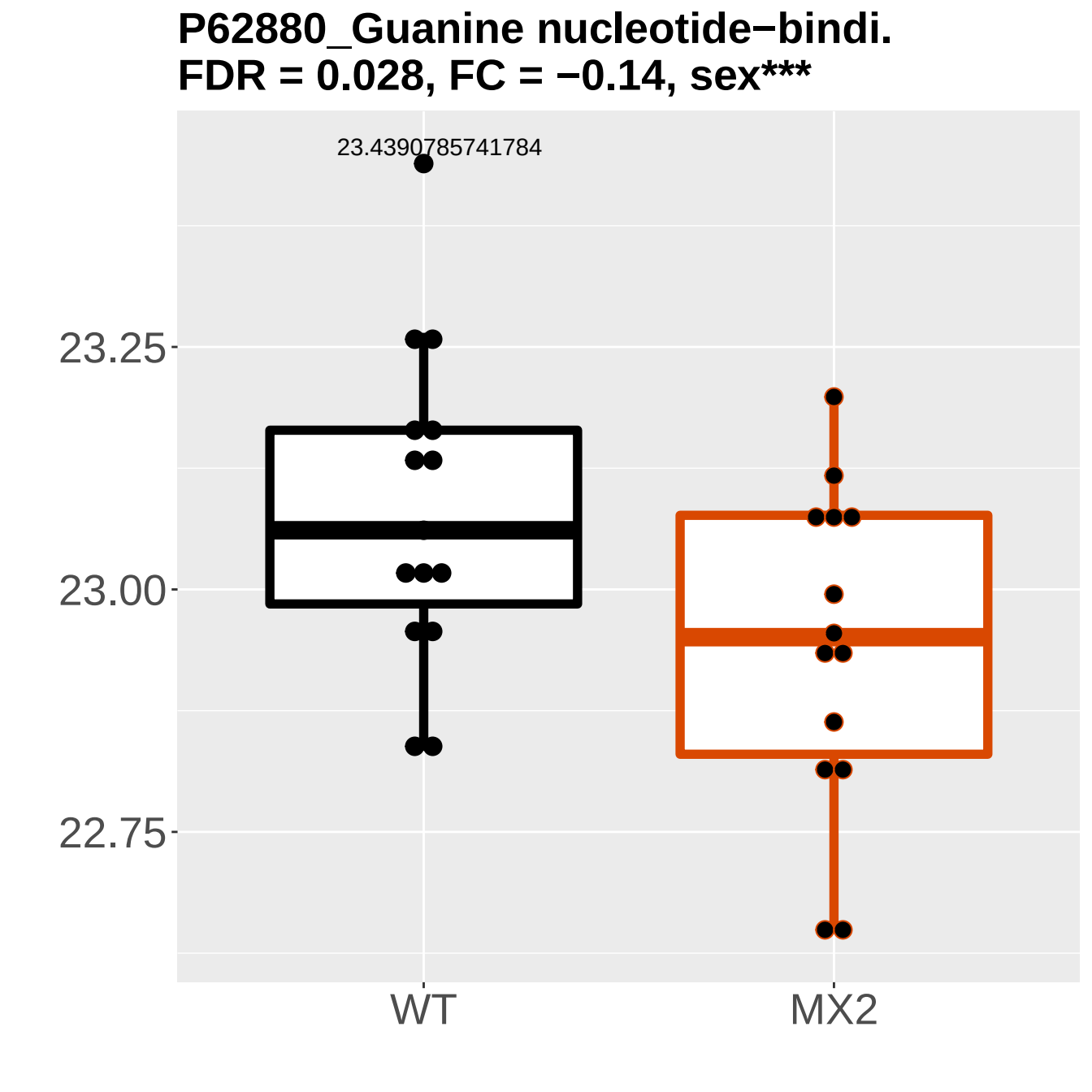

O35295_Transcriptional activato.
FDR = 0.026, FC = 1.5
21
20
19
18
17
20.7714196523948
20.5294141107423
20.0977243328547
WT
MX2

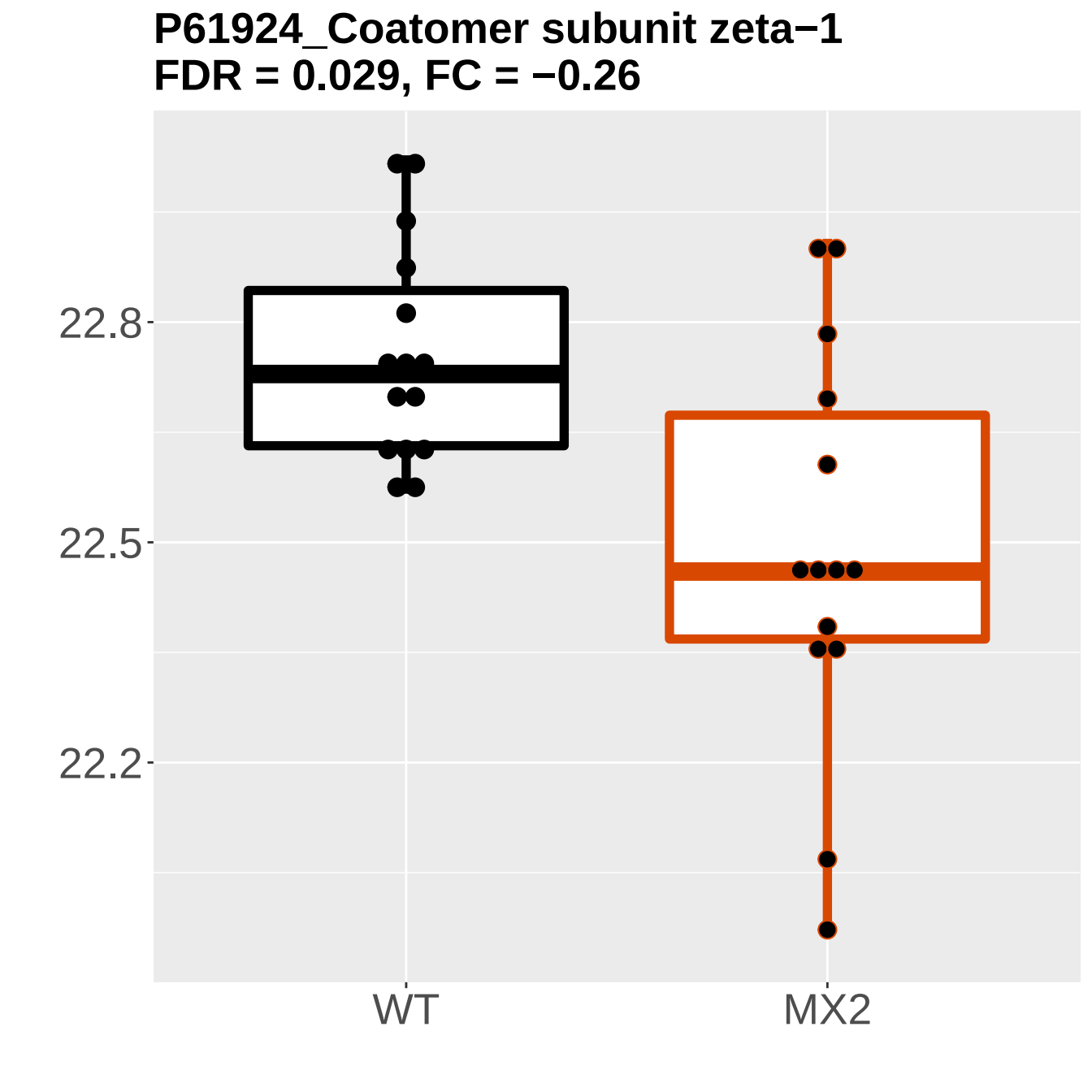

Q9EQU5_Protein SET
FDR = 0.026, FC = −0.19
23.9193903800682
23.75
23.50
23.25
23.00
22.9910965584892
WT
MX2

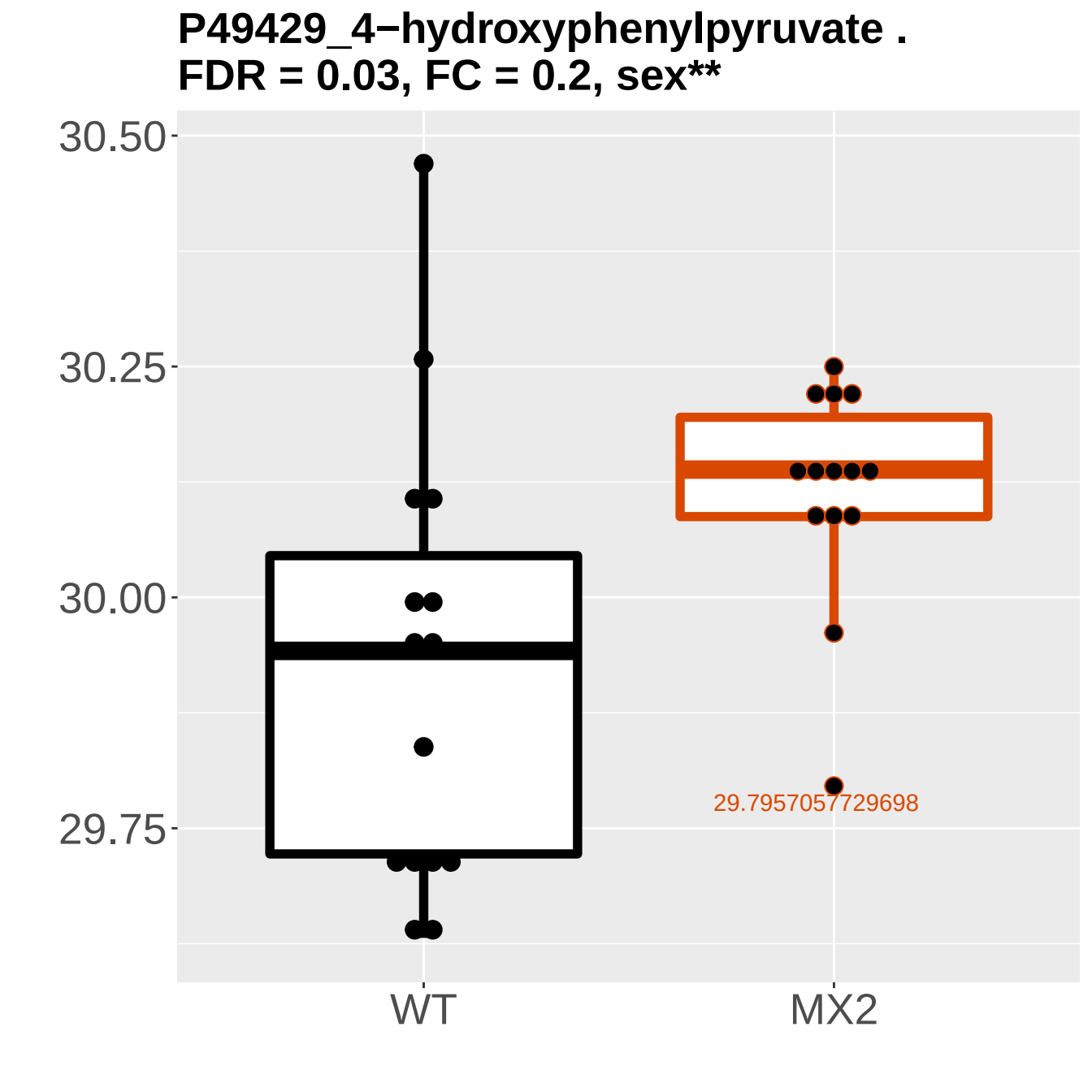

Q8BW75_Amine oxidase [flavin−co.
FDR = 0.026, FC = 0.16, sex***
28.25
28.00
27.75
27.50
27.25
27.00
WT
MX2

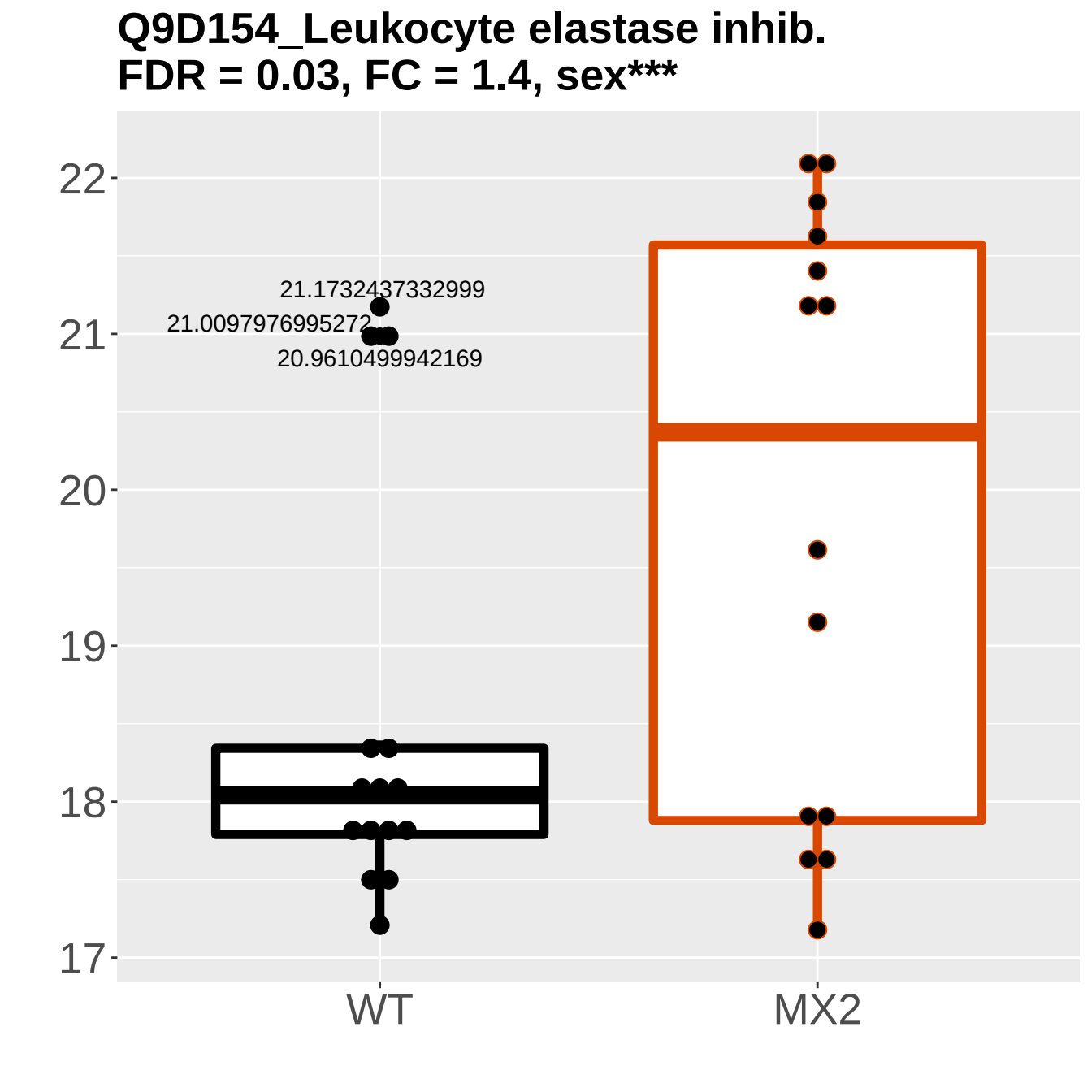

O88428_Bifunctional 3'−phosphoa.
FDR = 0.027, FC = 0.21, sex***
27.0
26.5
26.0
WT
MX2

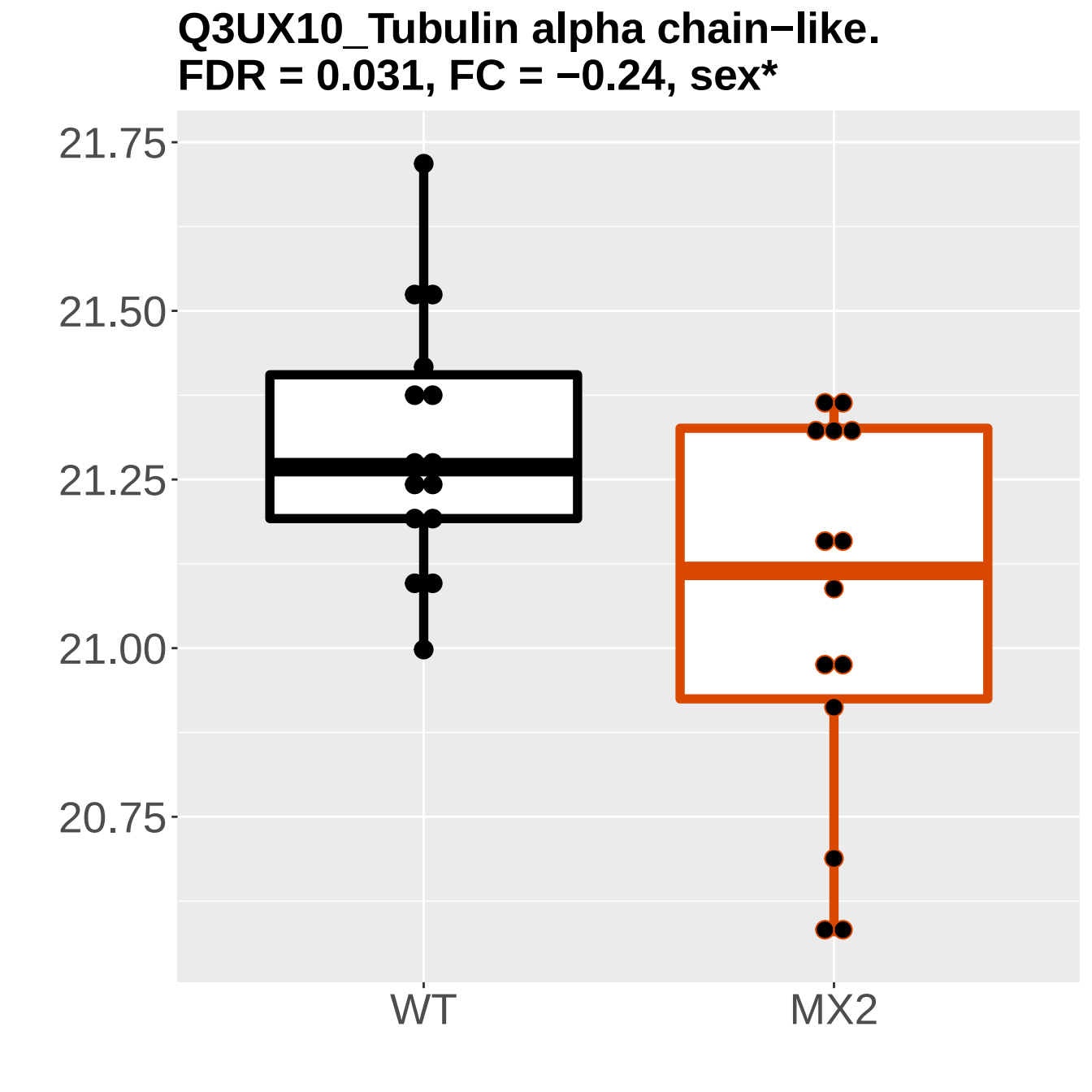

Q05816_Fatty acid−binding prote.
FDR = 0.028, FC = −0.64, sex***
27
26
25
24
WT
MX2

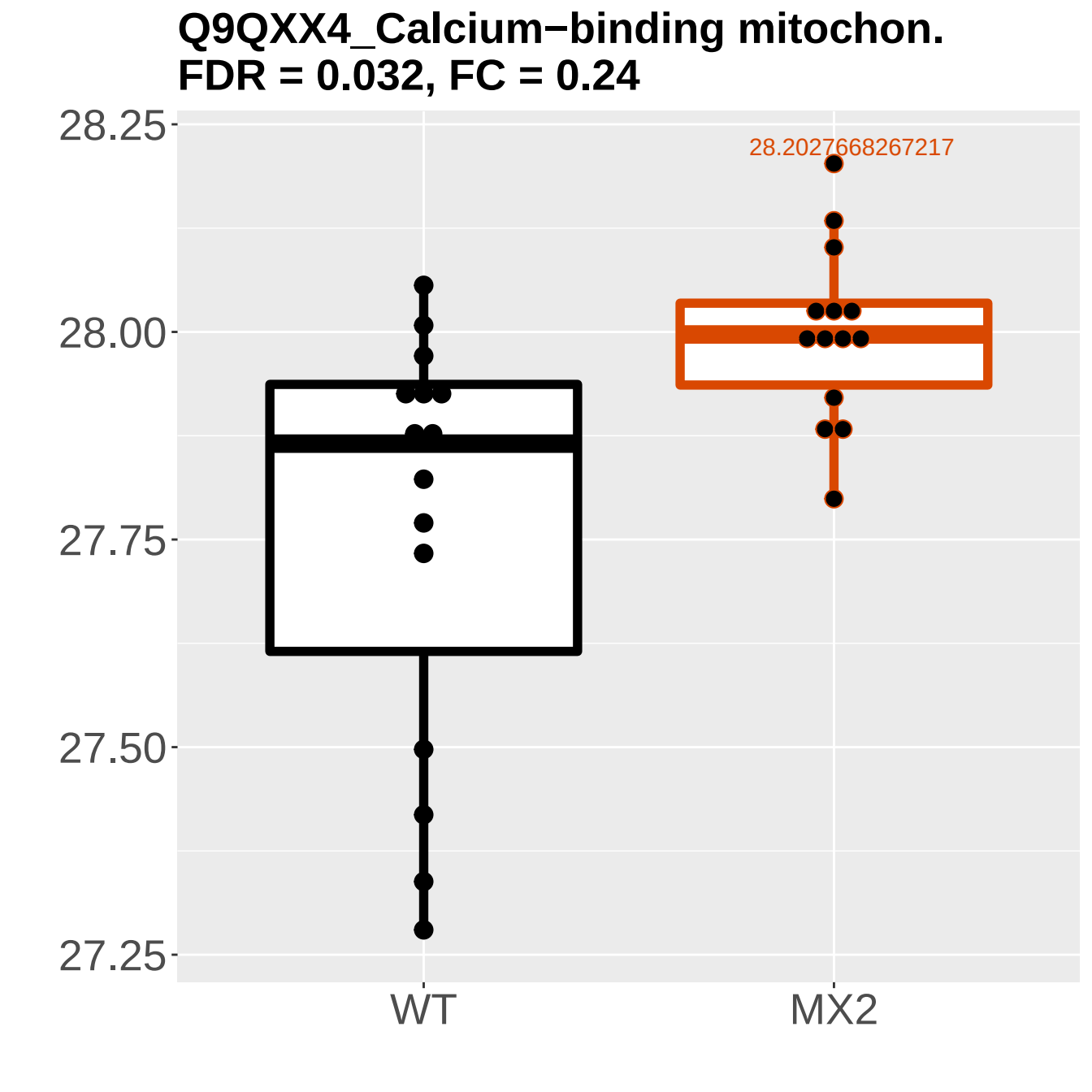

P62880_Guanine nucleotide−bindi.
FDR = 0.028, FC = −0.14, sex***
23.4390785741784
23.25
23.00
22.75
WT
MX2

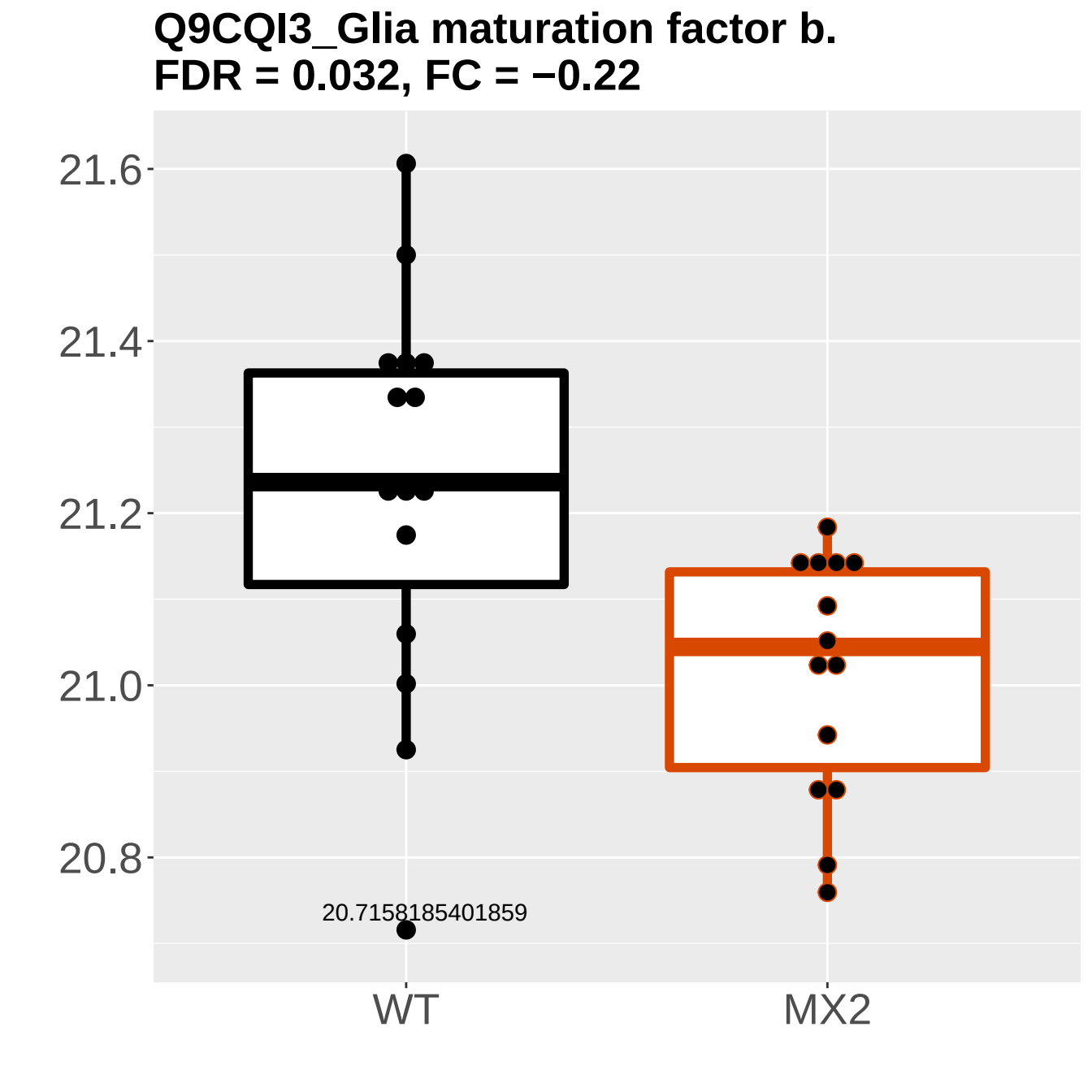

P61924_Coatomer subunit zeta−1
FDR = 0.029, FC = −0.26
22.8
22.5
22.2
WT
MX2

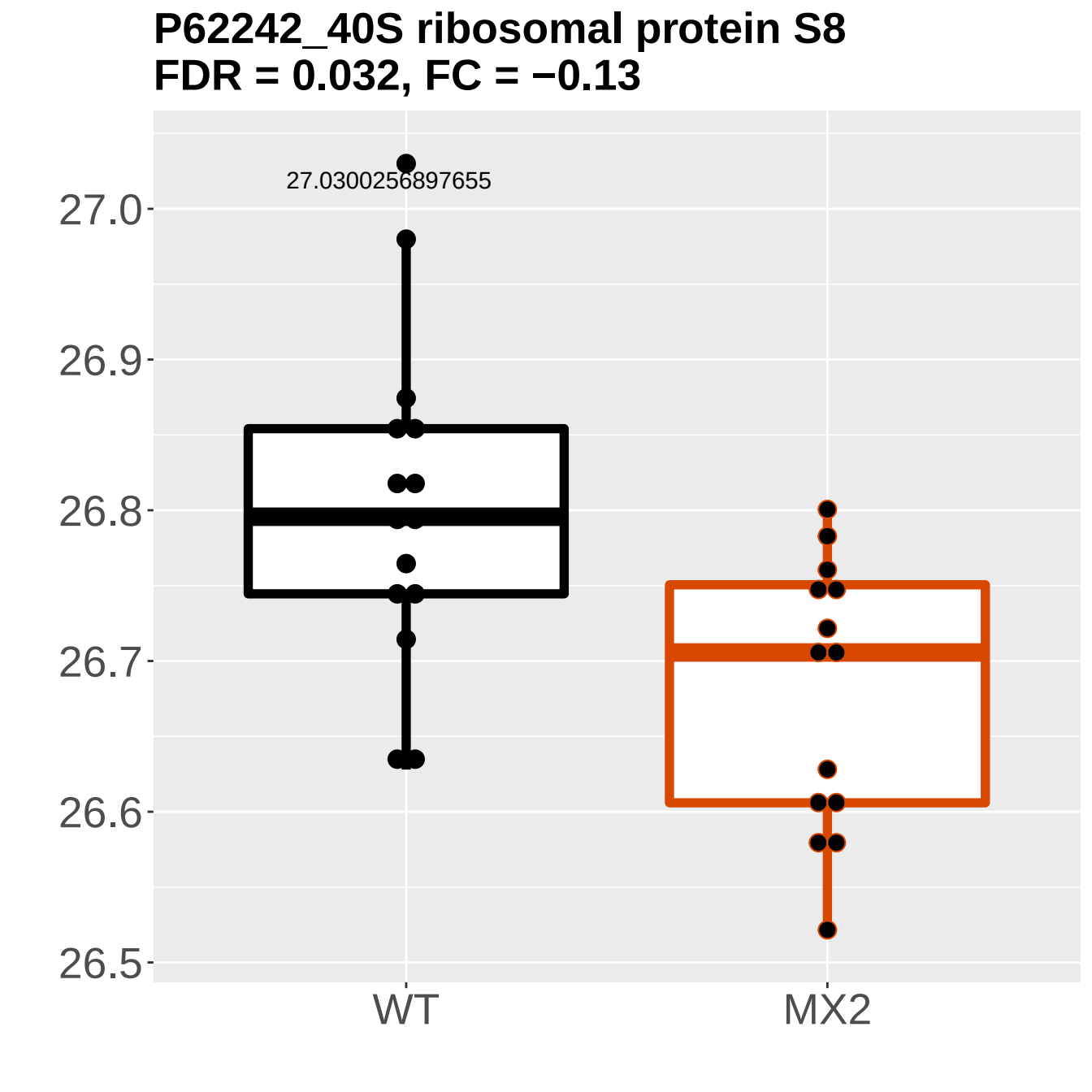

P49429_4−hydroxyphenylpyruvate .
FDR = 0.03, FC = 0.2, sex**
30.50
30.25
30.00
29.75
29.7957057729698
WT
MX2

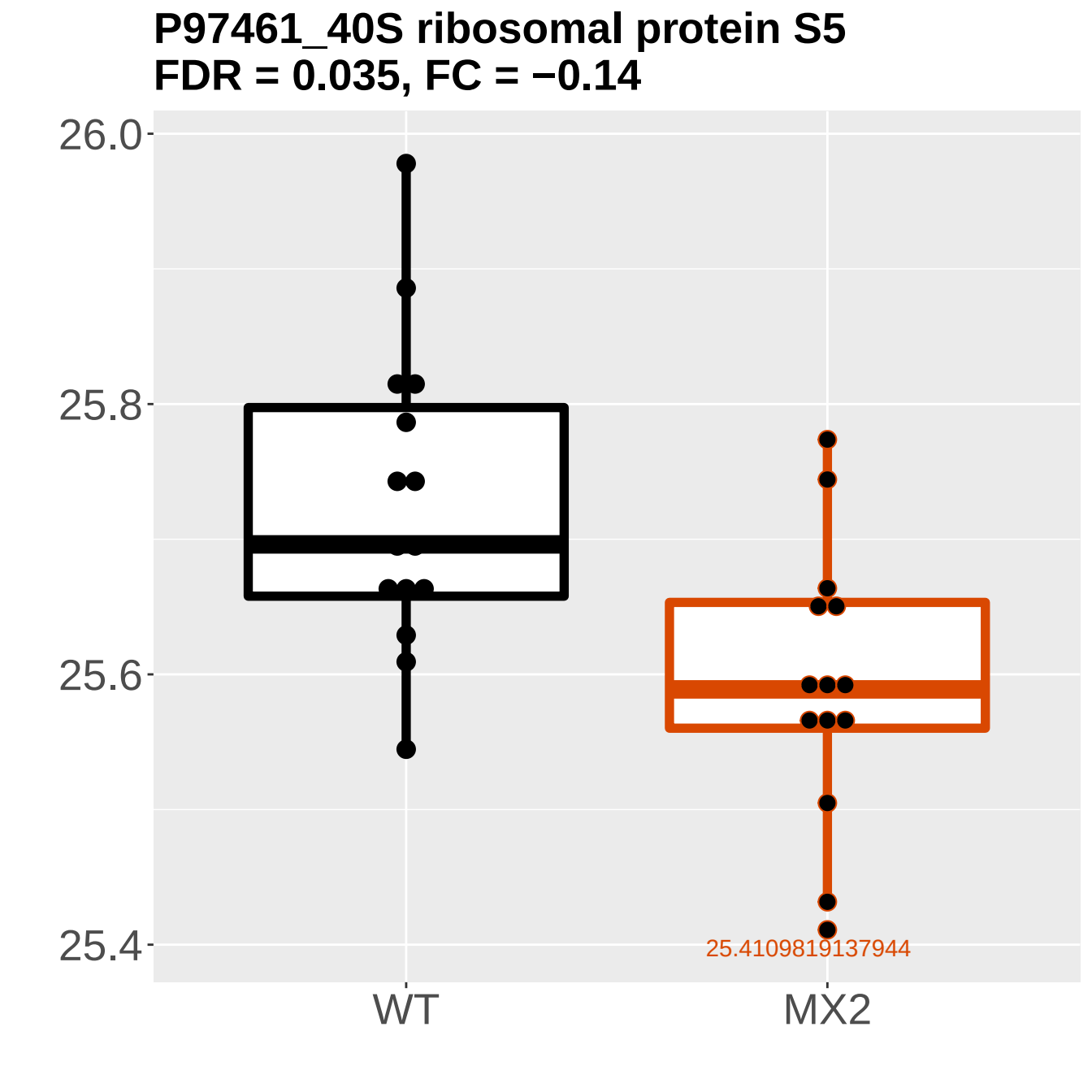

Q9D154_Leukocyte elastase inhib.
FDR = 0.03, FC = 1.4, sex***
22
21
20
19
18
17
21.1732437332999
21.0097976995272
20.9610499942169
WT
MX2

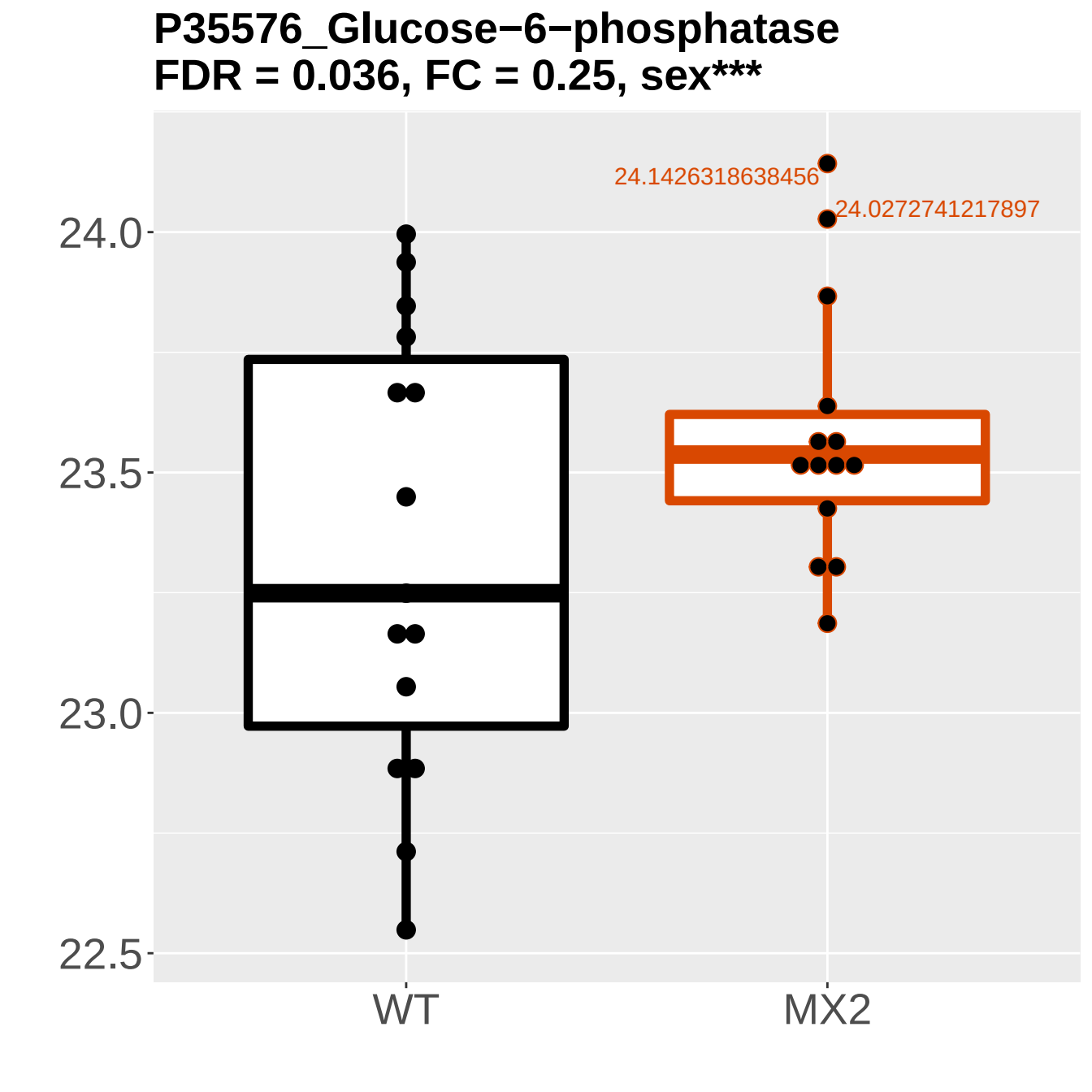

Q3UX10_Tubulin alpha chain−like.
FDR = 0.031, FC = −0.24, sex*
21.75
21.50
21.25
21.00
20.75
WT
MX2

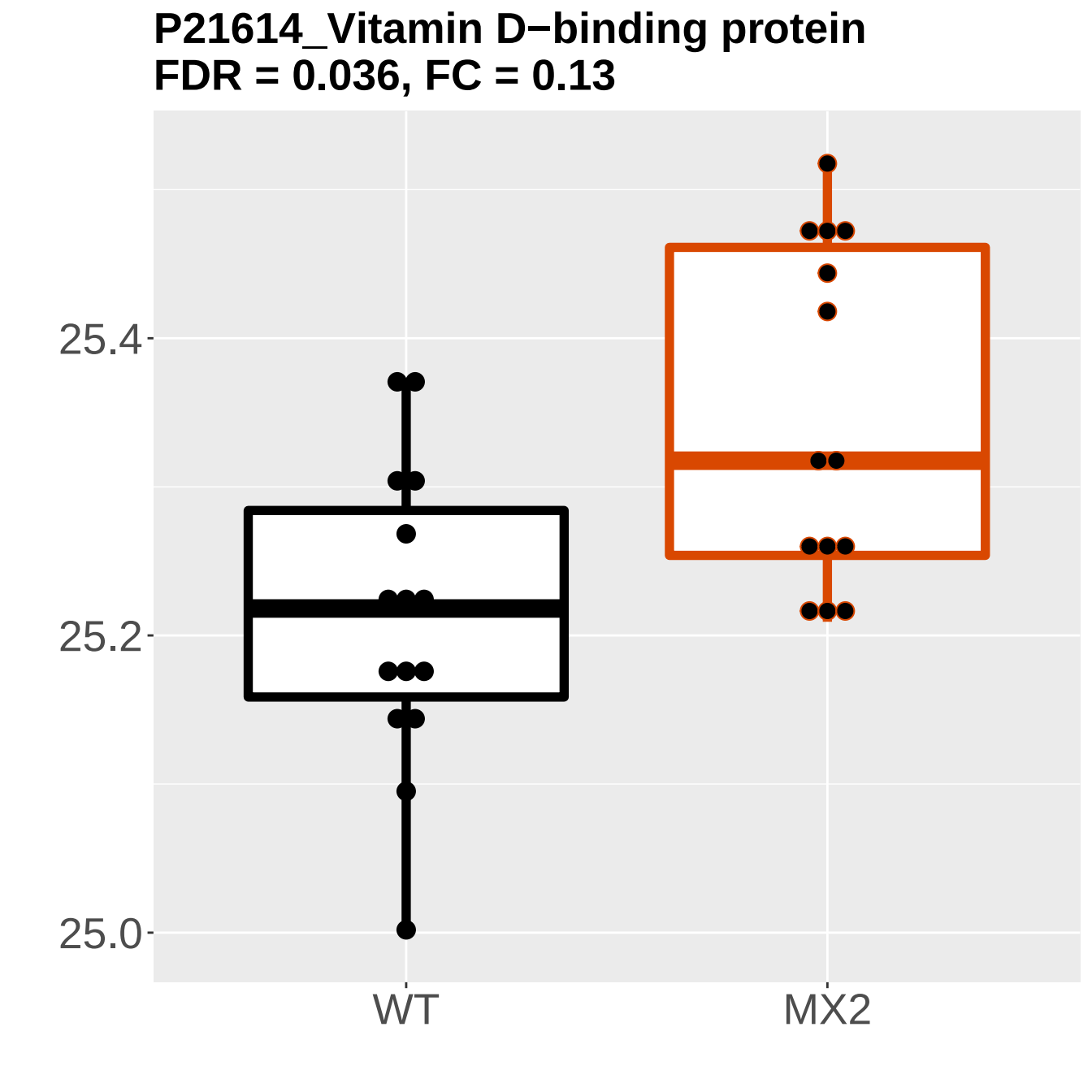

Q9QXX4_Calcium−binding mitochon.
FDR = 0.032, FC = 0.24
28.25
28.00
27.75
27.50
27.25
28.2027668267217
WT
MX2

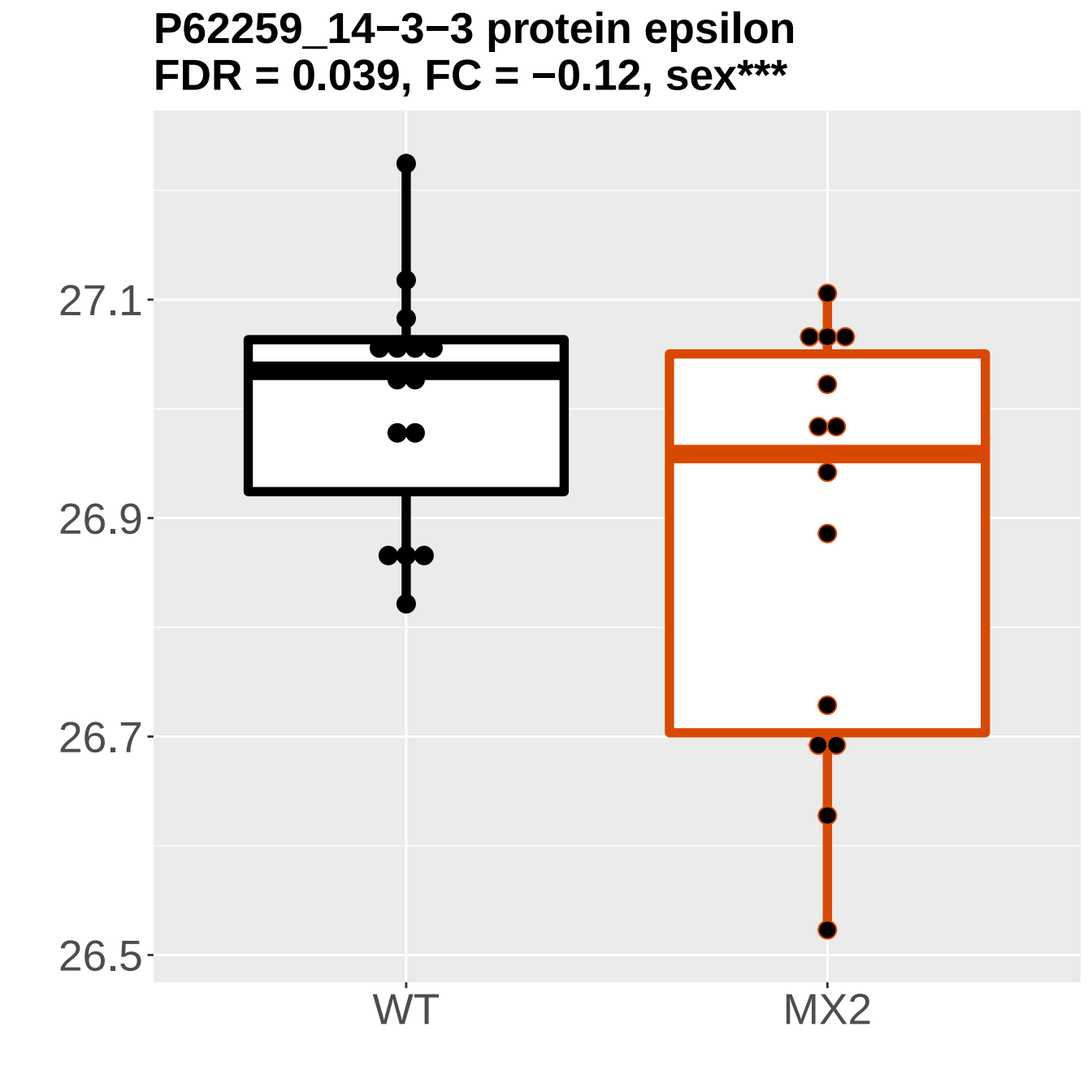

Q9CQI3_Glia maturation factor b.
FDR = 0.032, FC = −0.22
21.6
21.4
21.2
21.0
20.8
20.7158185401859
WT
MX2

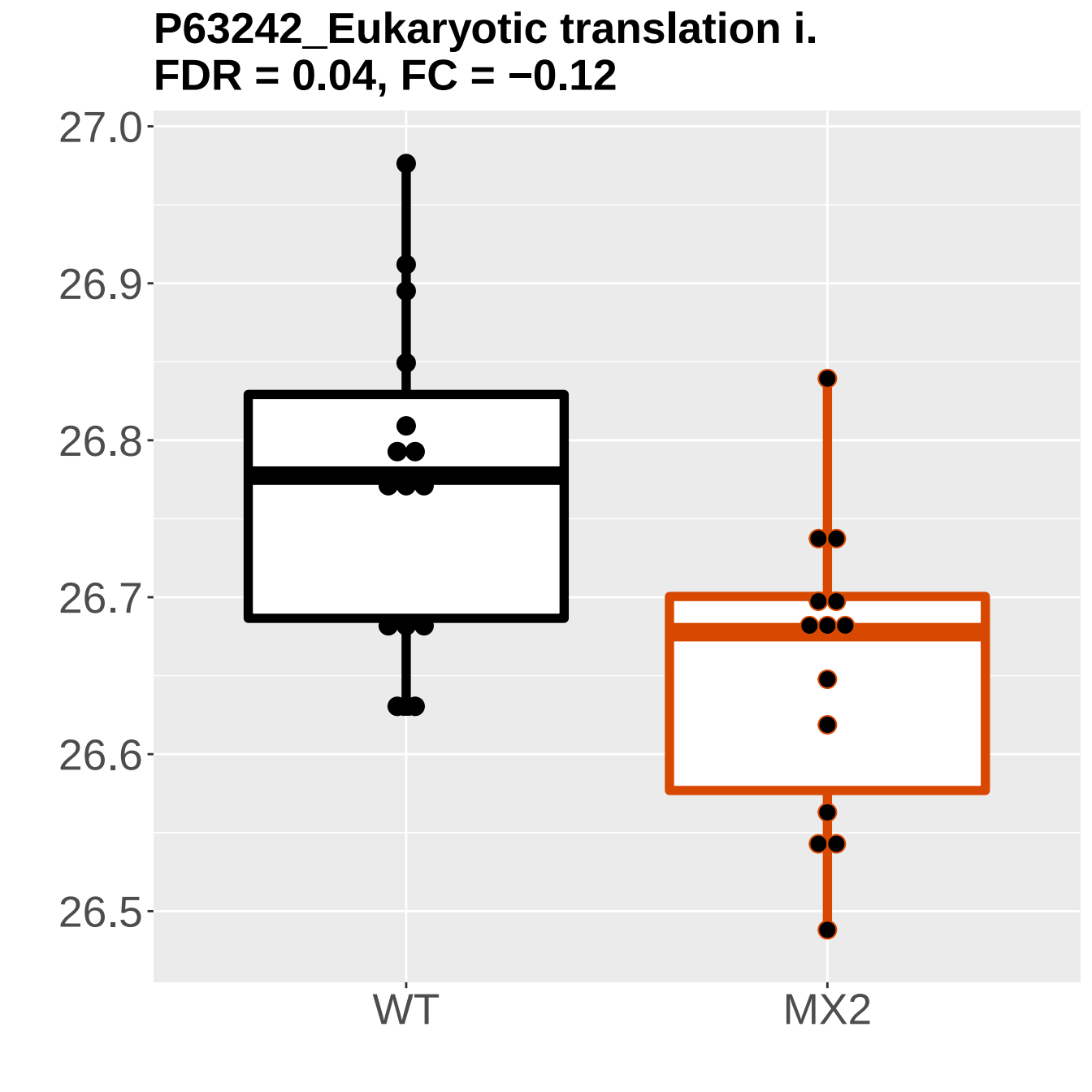

P62242_40S ribosomal protein S8
FDR = 0.032, FC = −0.13
27.0300256897655
27.0
26.9
26.8
26.7
26.6
26.5
WT
MX2

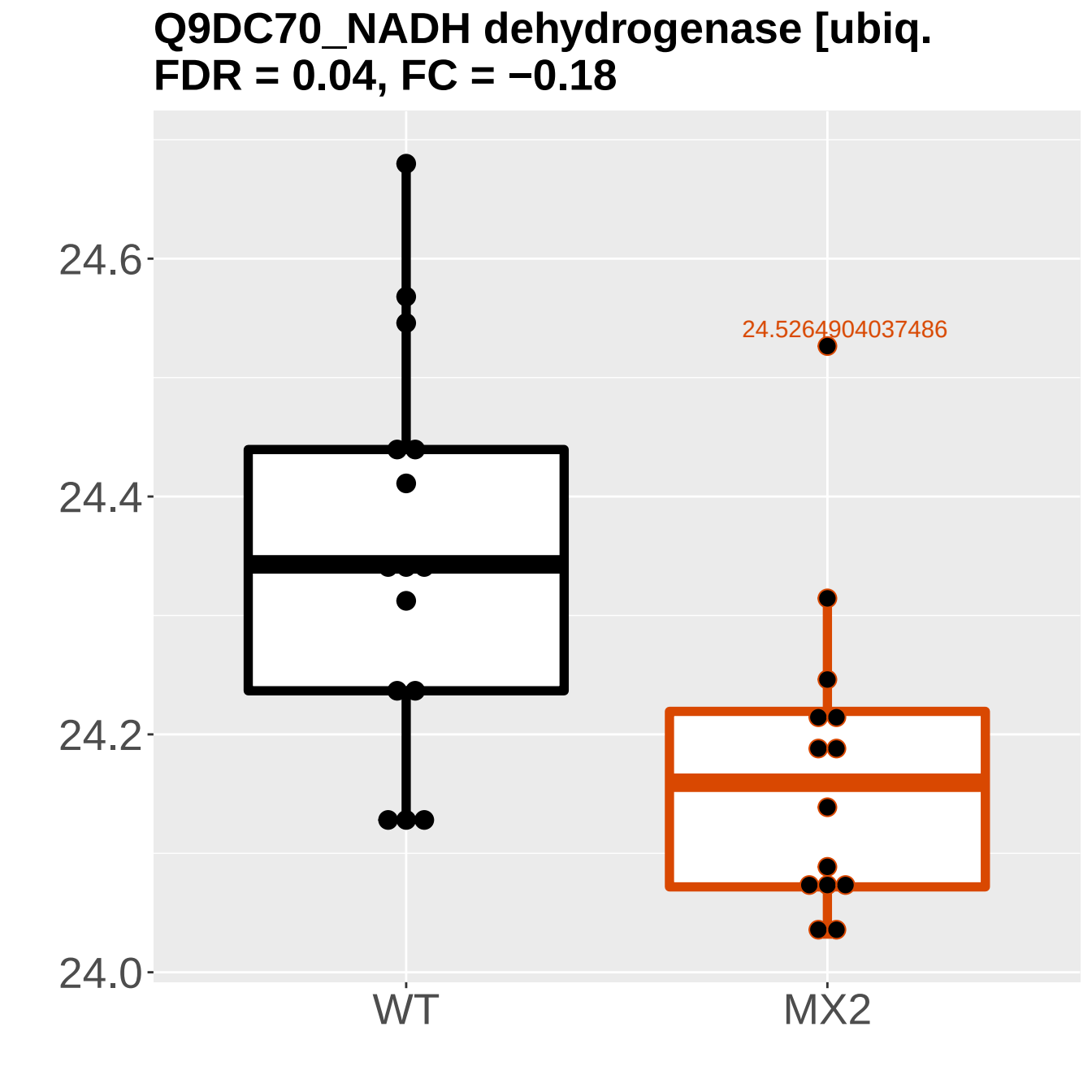

P97461_40S ribosomal protein S5
FDR = 0.035, FC = −0.14
26.0
25.8
25.6
25.4
25.4109819137944
WT
MX2

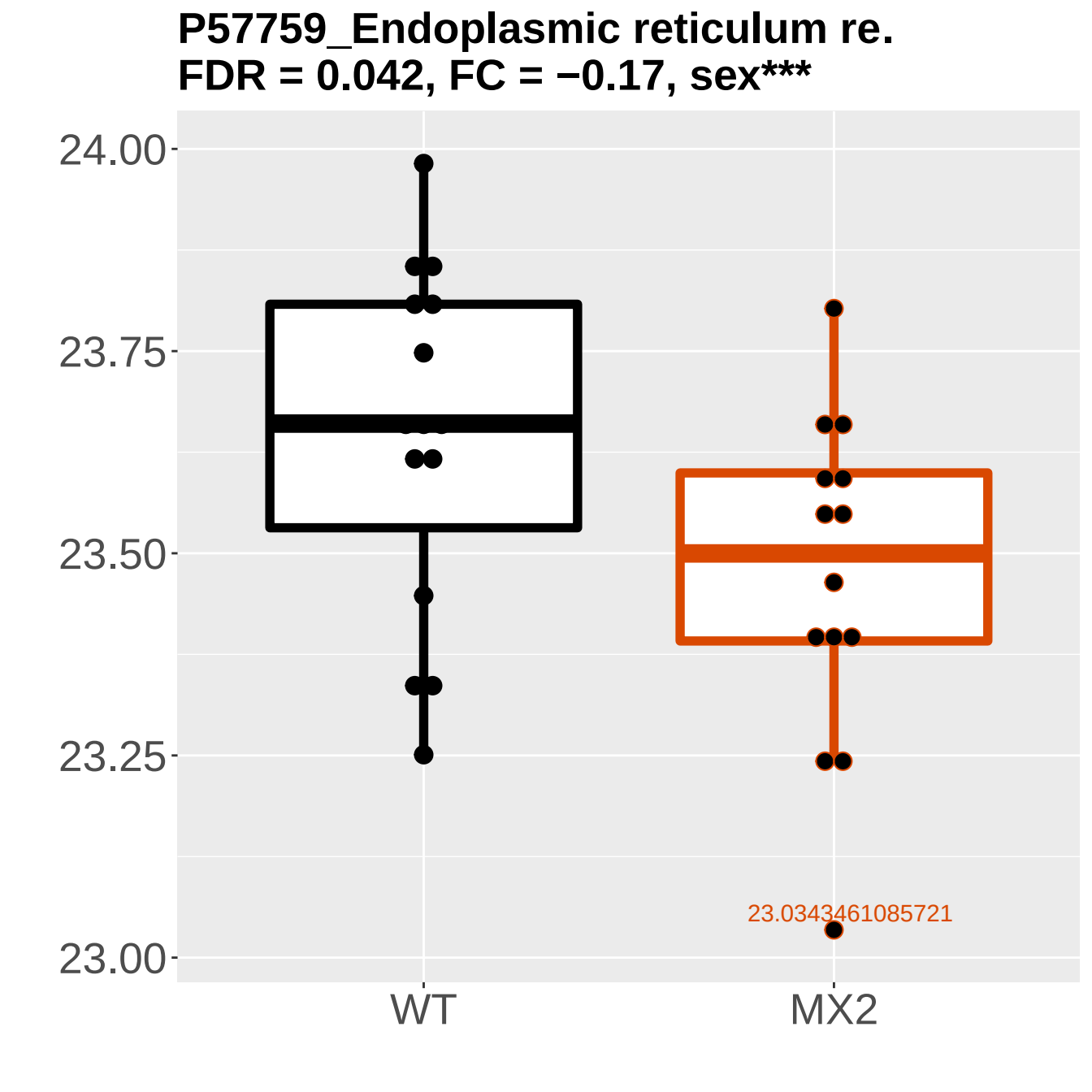

P35576_Glucose−6−phosphatase
FDR = 0.036, FC = 0.25, sex***
24.14263186384 56
24.0272741217897
24.0
23.5
23.0
22.5
WT
MX2

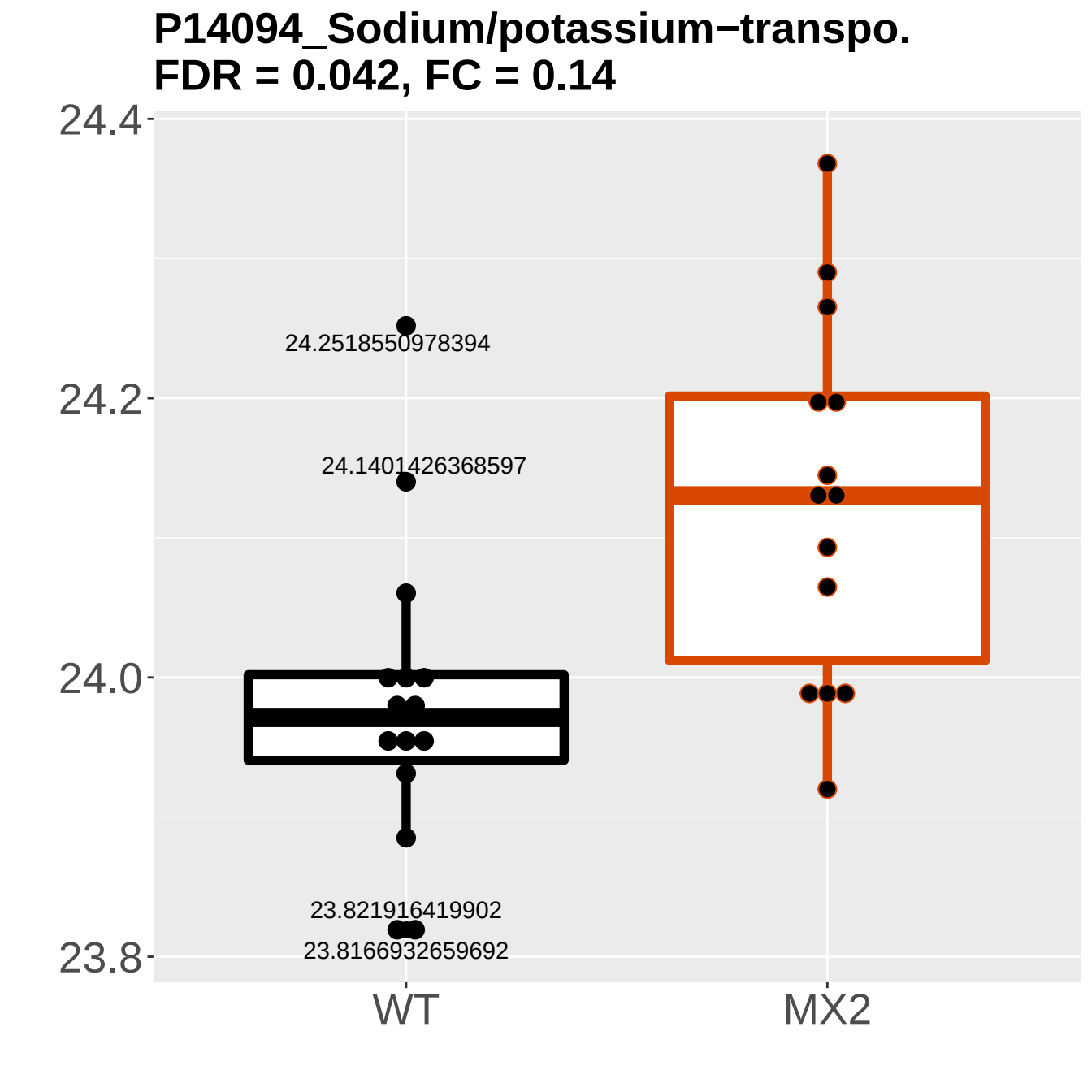

P21614_Vitamin D−binding protein
FDR = 0.036, FC = 0.13
25.4
25.2
25.0
WT
MX2

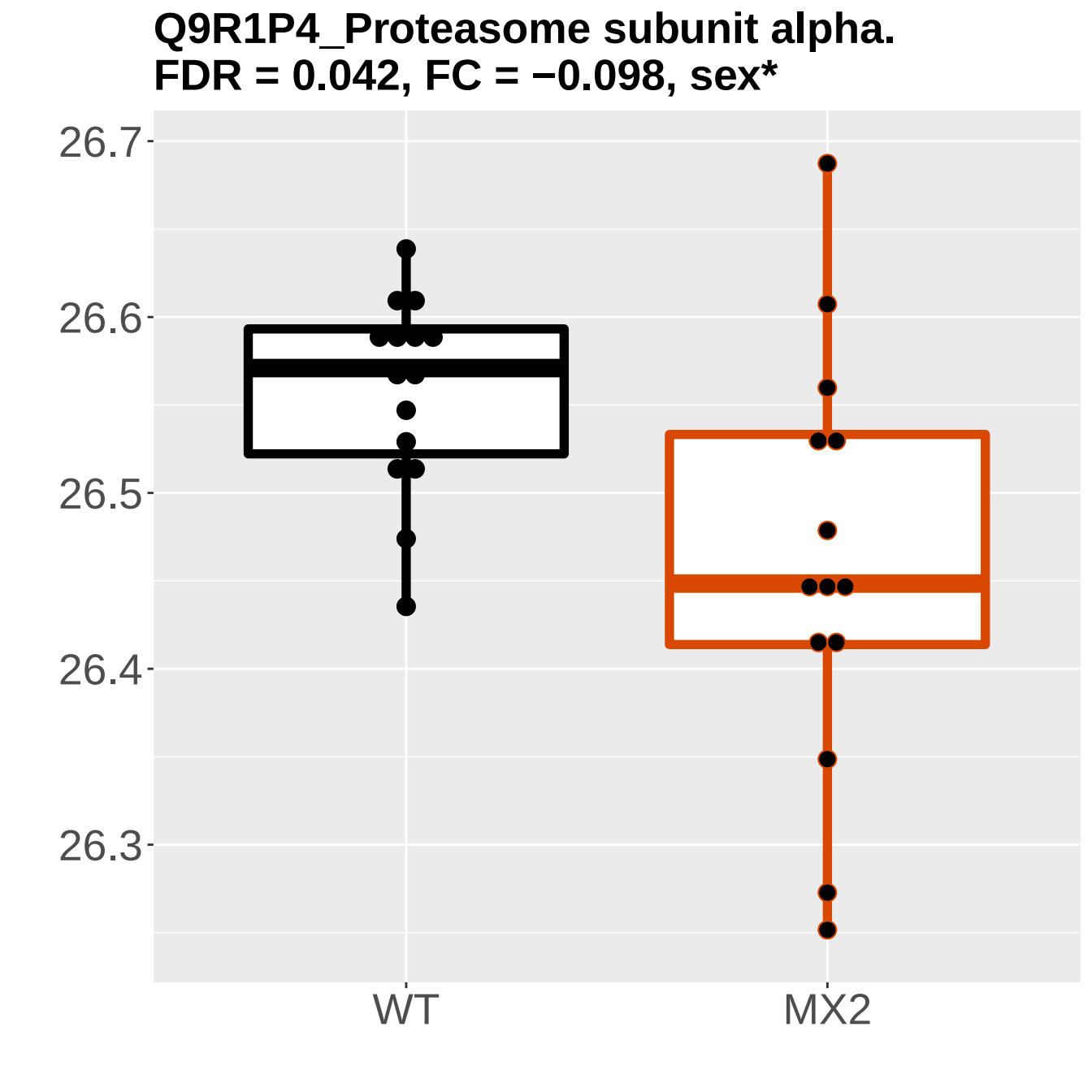

P62259_14−3−3 protein epsilon
FDR = 0.039, FC = −0.12, sex***
27.1
26.9
26.7
26.5
WT
MX2

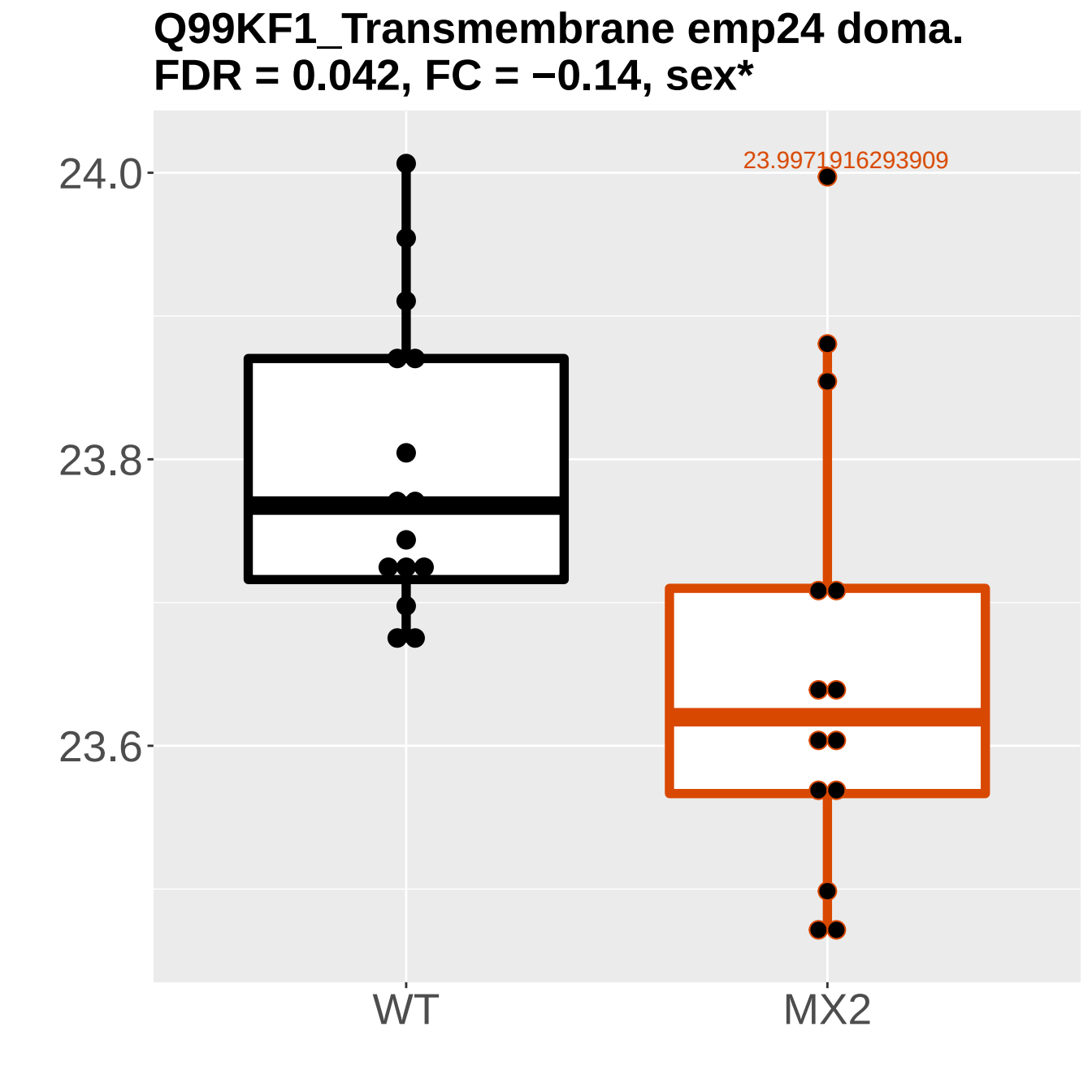

P63242_Eukaryotic translation i.
FDR = 0.04, FC = −0.12
27.0
26.9
26.8
26.7
26.6
26.5
WT
MX2

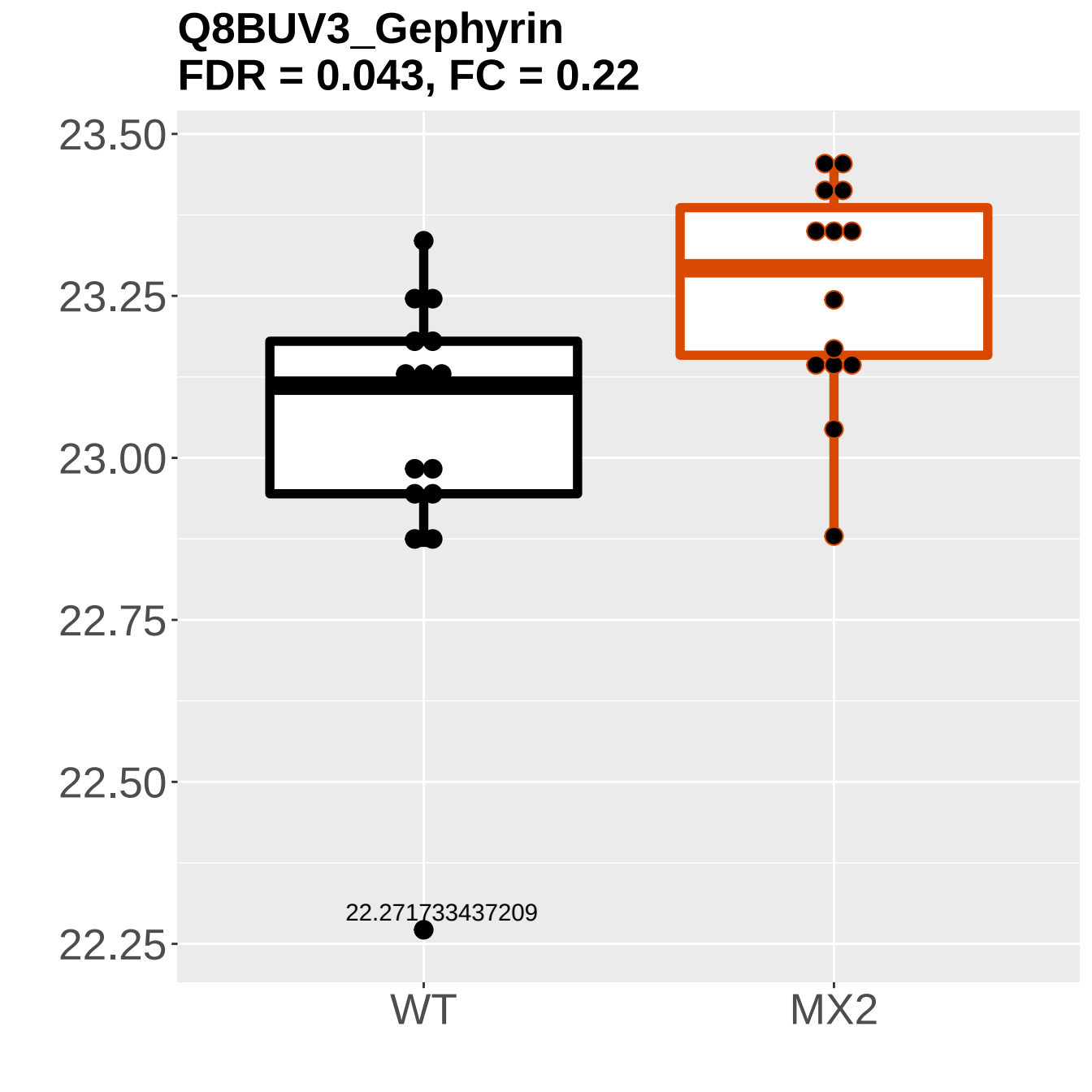

Q9DC70_NADH dehydrogenase [ubiq.
FDR = 0.04, FC = −0.18
24.6
24.4
24.2
24.0
24.5264904037486
WT
MX2

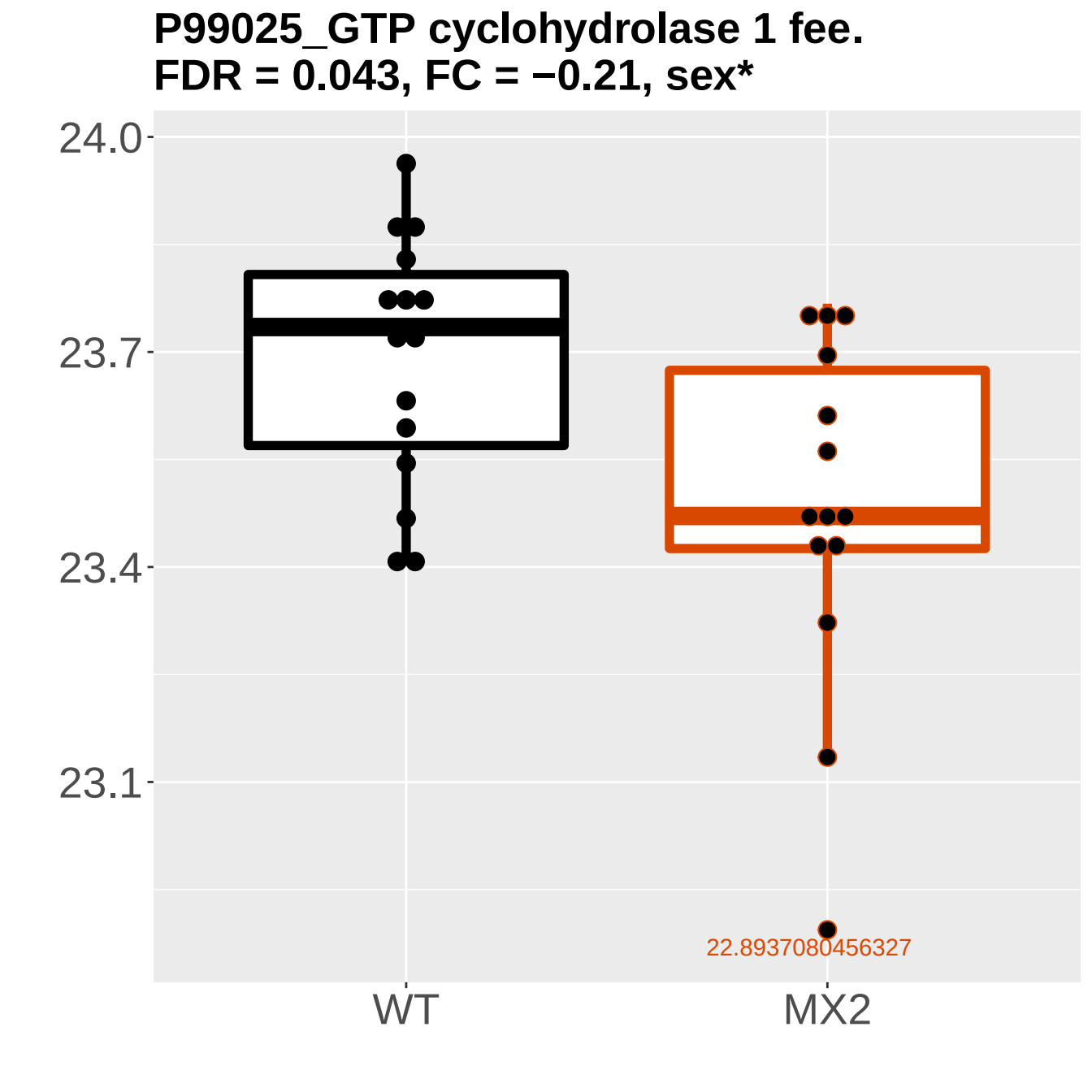

P57759_Endoplasmic reticulum re.
FDR = 0.042, FC = −0.17, sex***
24.00
23.75
23.50
23.25
23.00
23.0343461085721
WT
MX2

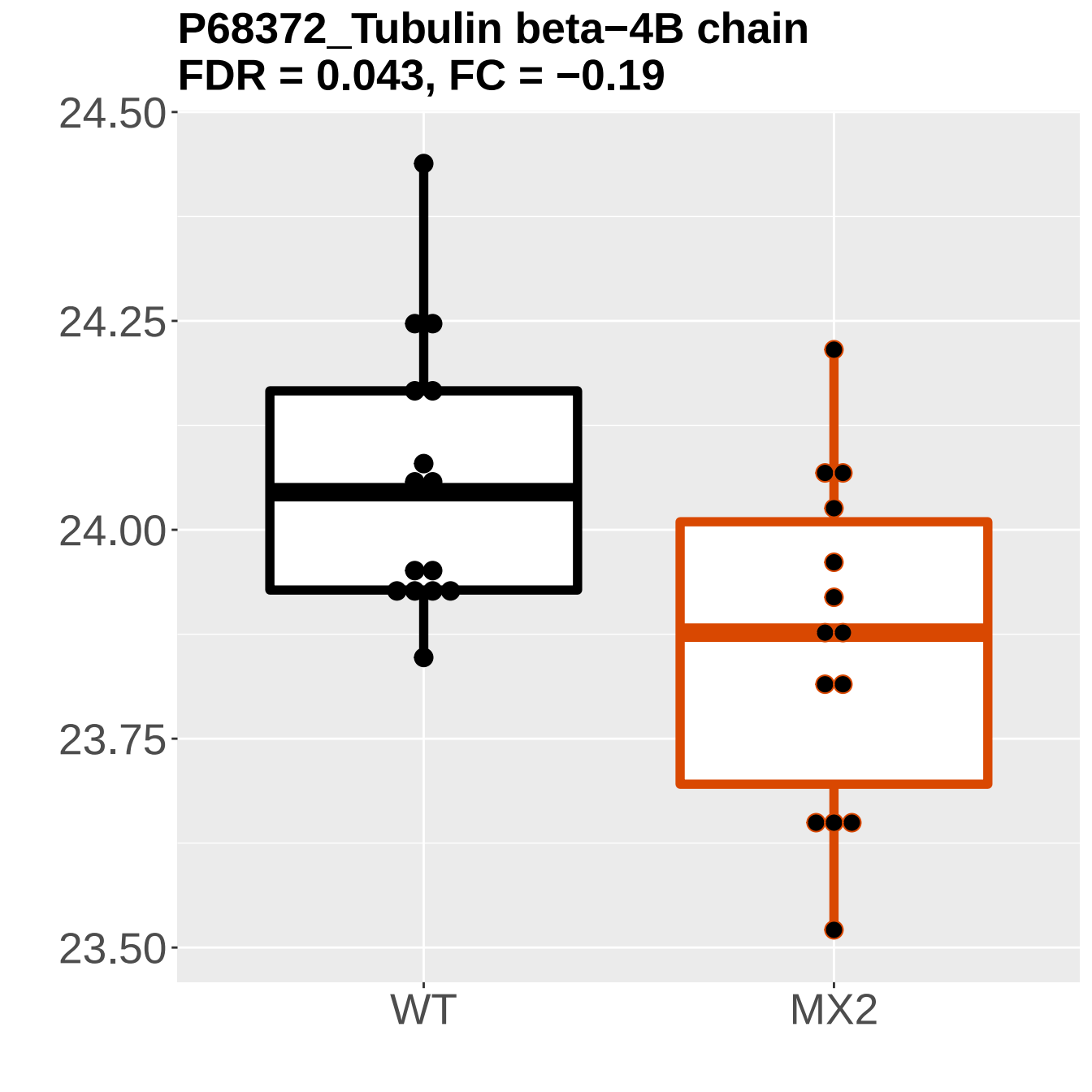

P14094_Sodium/potassium−transpo.
FDR = 0.042, FC = 0.14
24.4
24.2
24.0
23.8
24.2518550978394
24.1401426368597
23.821916419902
23.8166932659692
WT
MX2

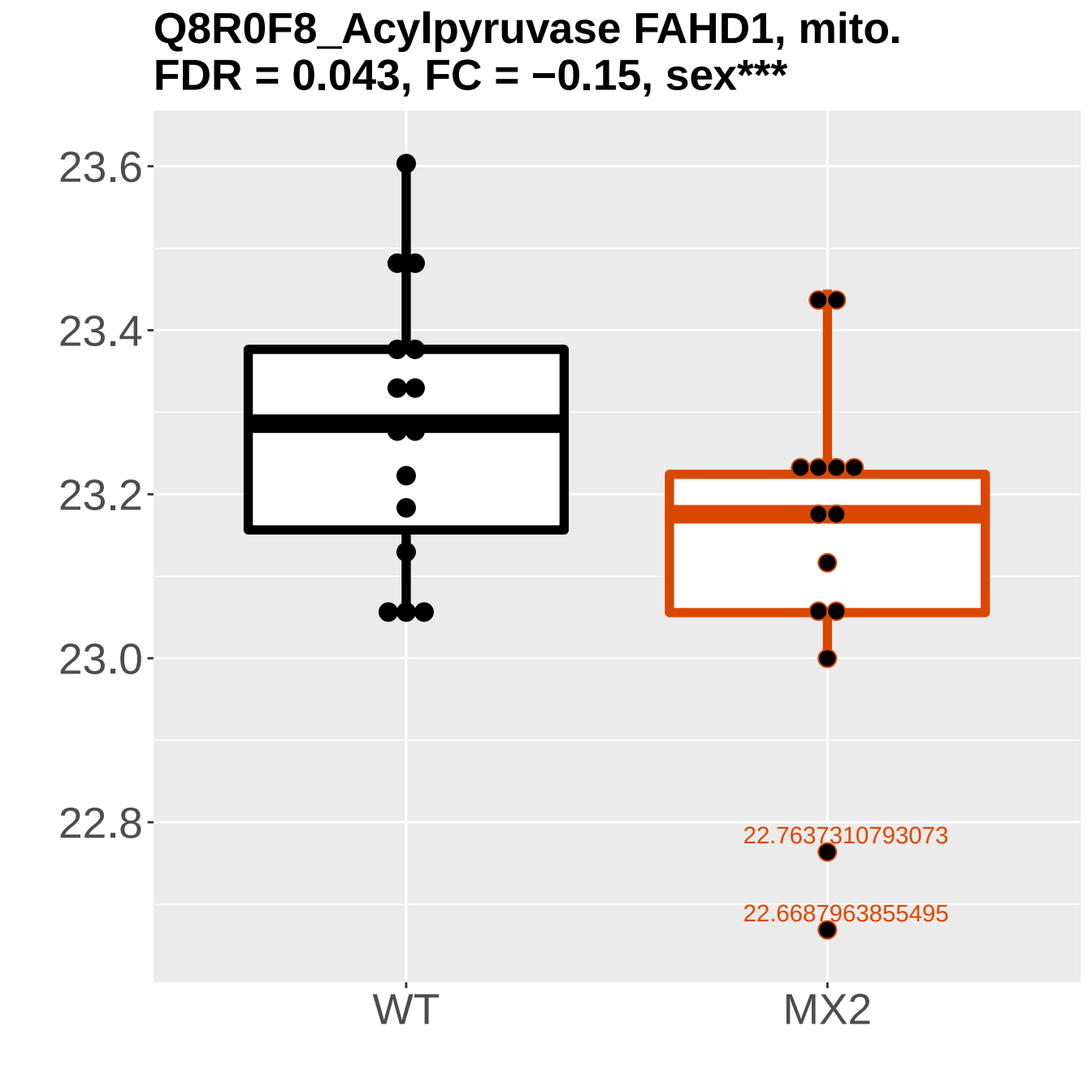

Q9R1P4_Proteasome subunit alpha.
FDR = 0.042, FC = −0.098, sex*
26.7
26.6
26.5
26.4
26.3
WT
MX2

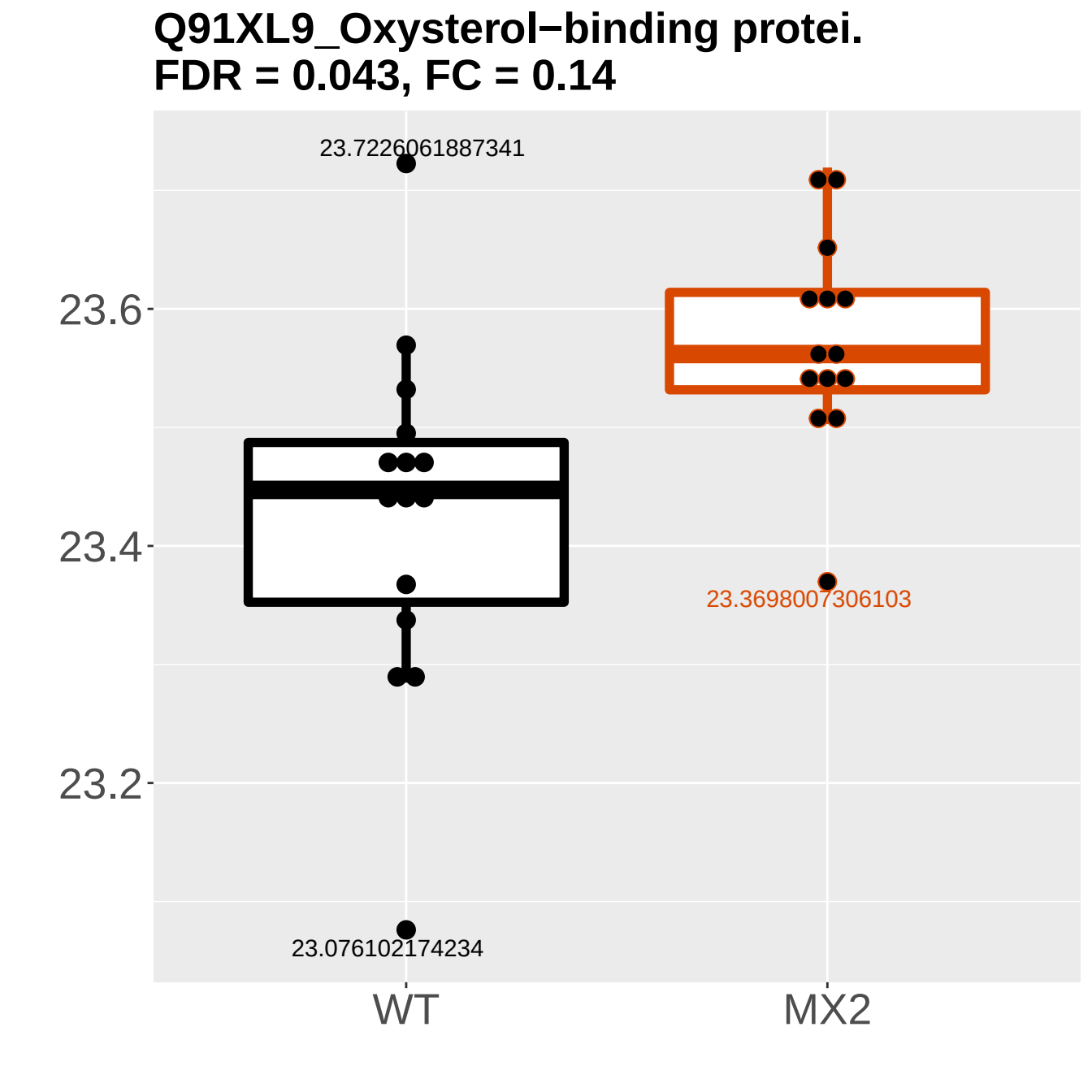

Q99KF1_Transmembrane emp24 doma.
FDR = 0.042, FC = −0.14, sex*
24.0
23.8
23.6
23.9971916293909
WT
MX2

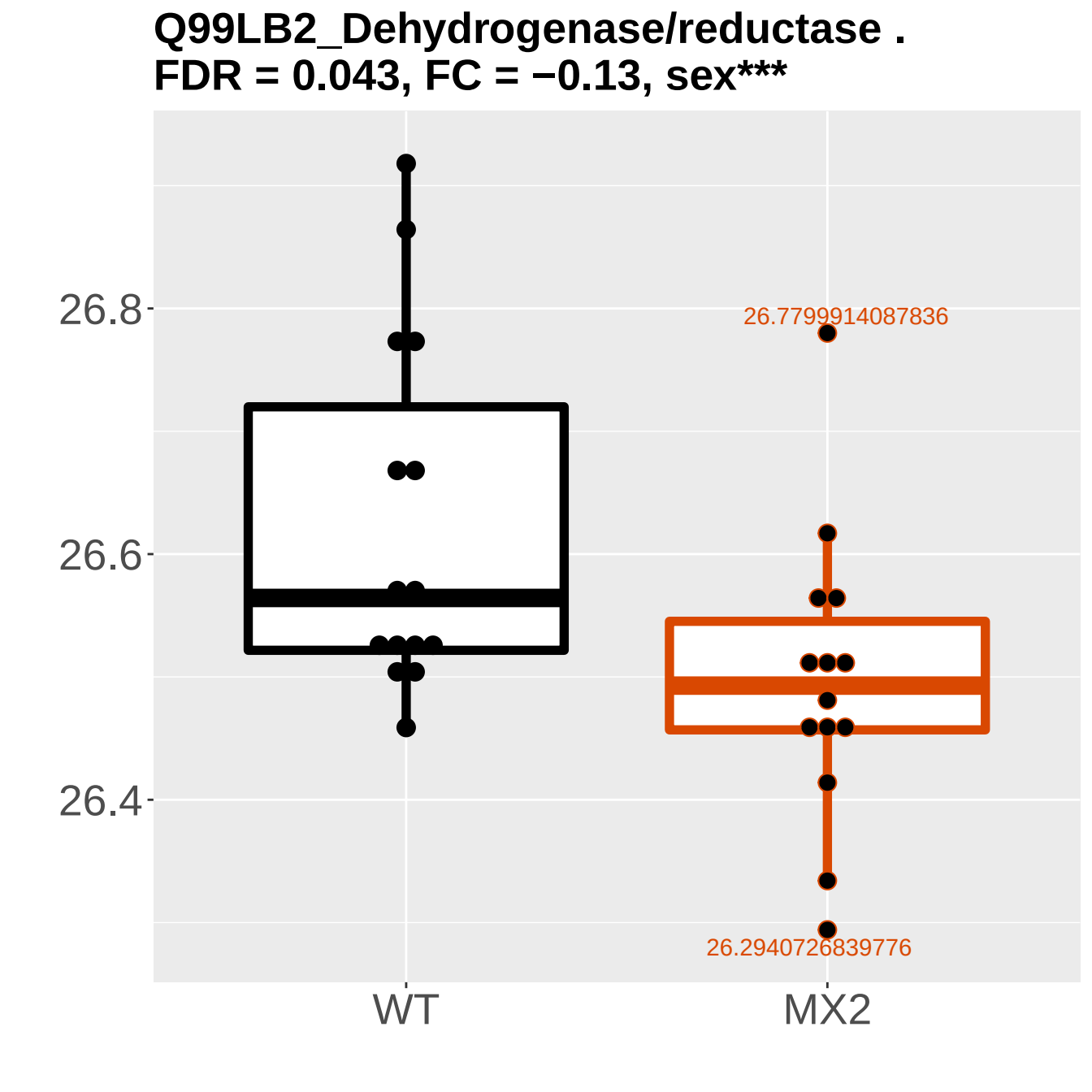

Q8BUV3_Gephyrin
FDR = 0.043, FC = 0.22
23.50
23.25
23.00
22.75
22.50
22.25
22.271733437209
WT
MX2

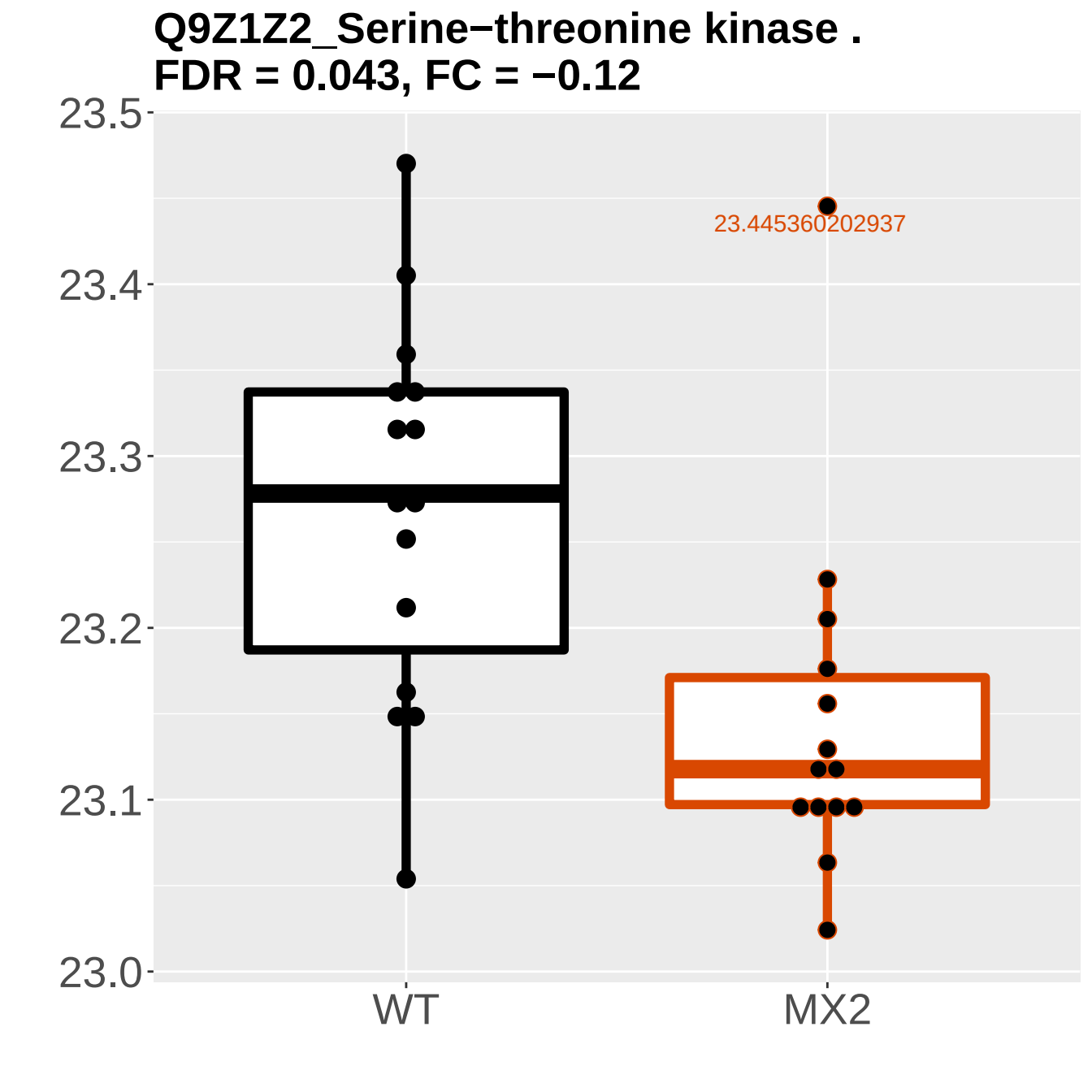

P99025_GTP cyclohydrolase 1 fee.
FDR = 0.043, FC = −0.21, sex*
24.0
23.7
23.4
23.1
22.8937080456327
WT
MX2

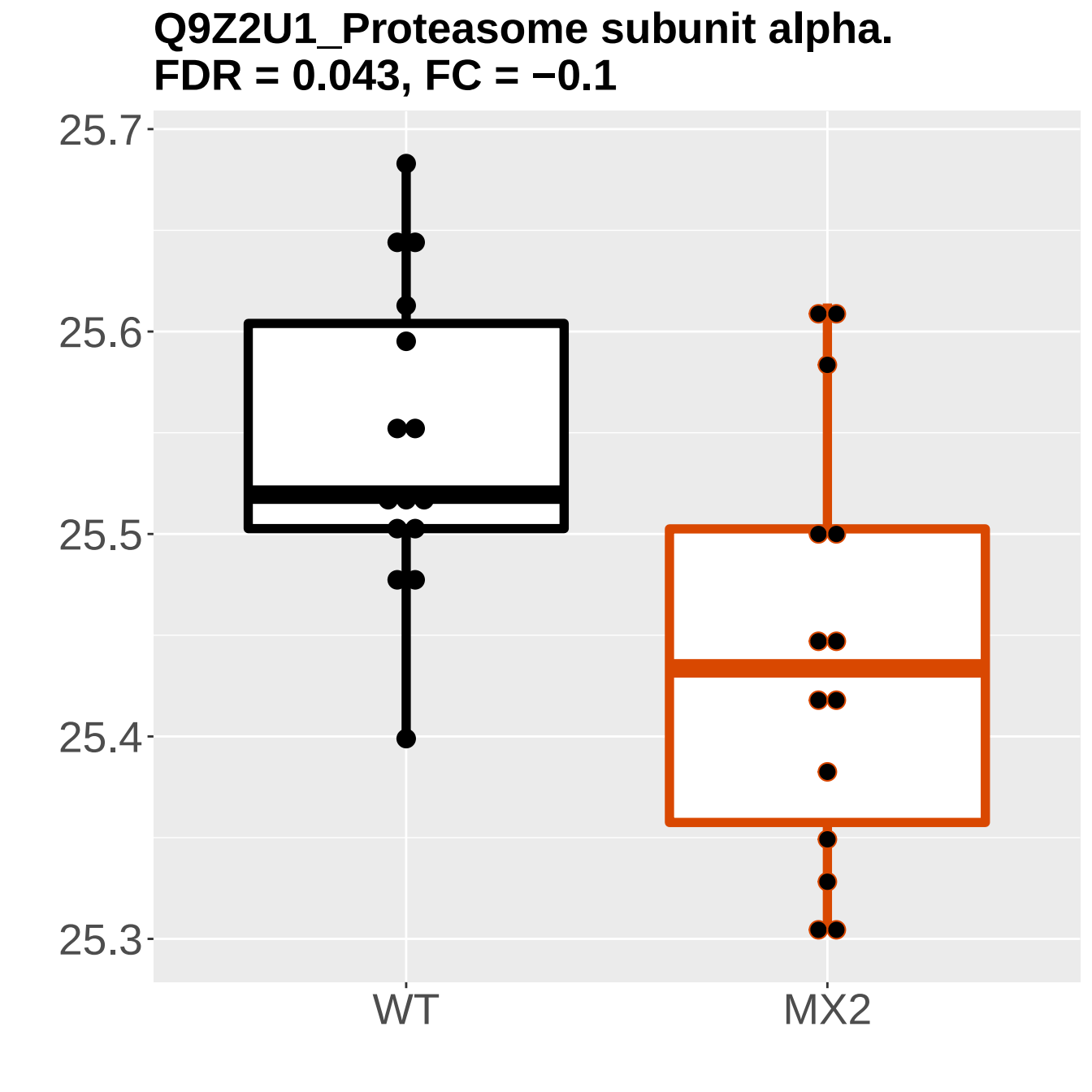

P68372_Tubulin beta−4B chain
FDR = 0.043, FC = −0.19
24.50
24.25
24.00
23.75
23.50
WT
MX2

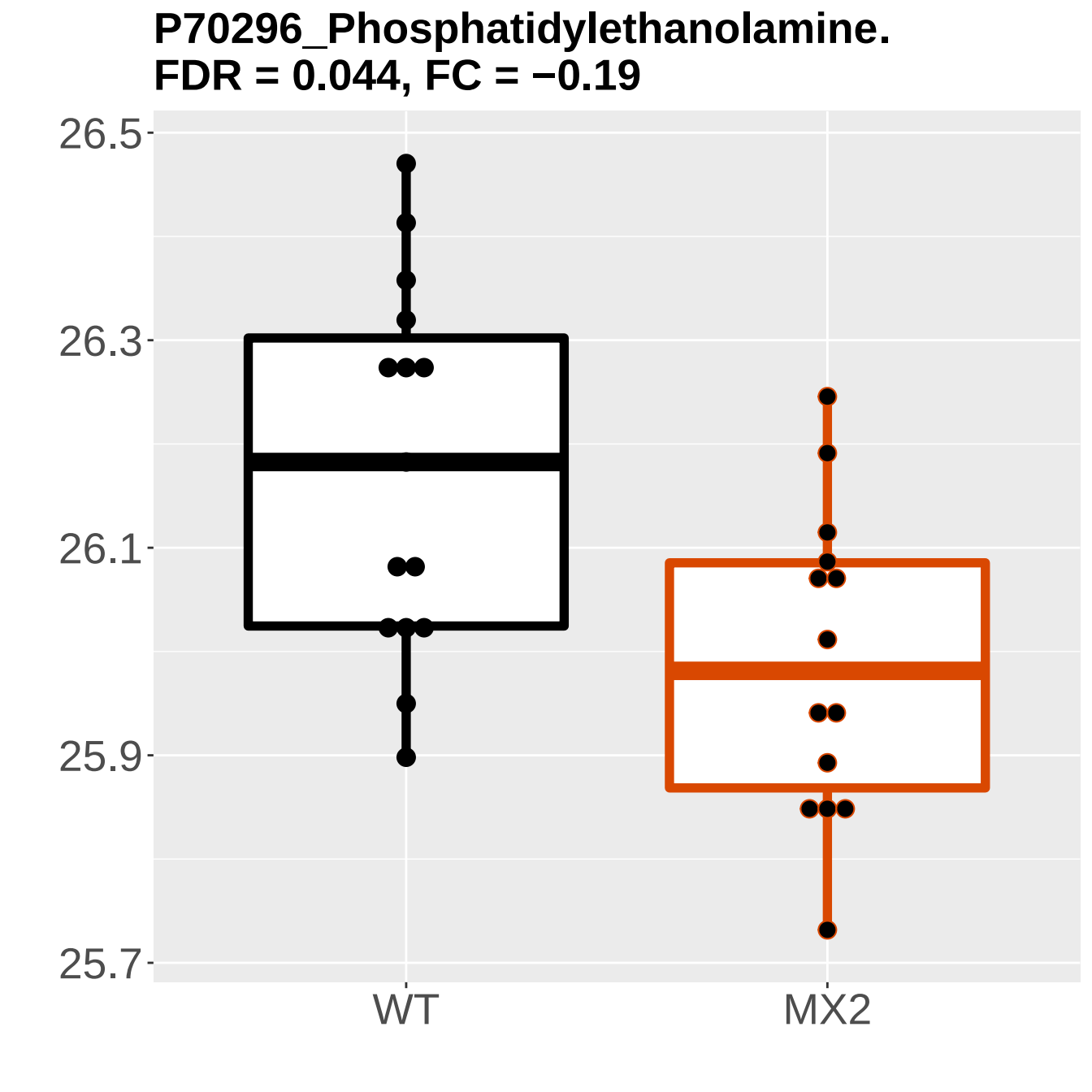

Q8R0F8_Acylpyruvase FAHD1, mito.
FDR = 0.043, FC = −0.15, sex***
23.6
23.4
23.2
23.0
22.8
22.7637310793073
22.6687963855495
WT
MX2

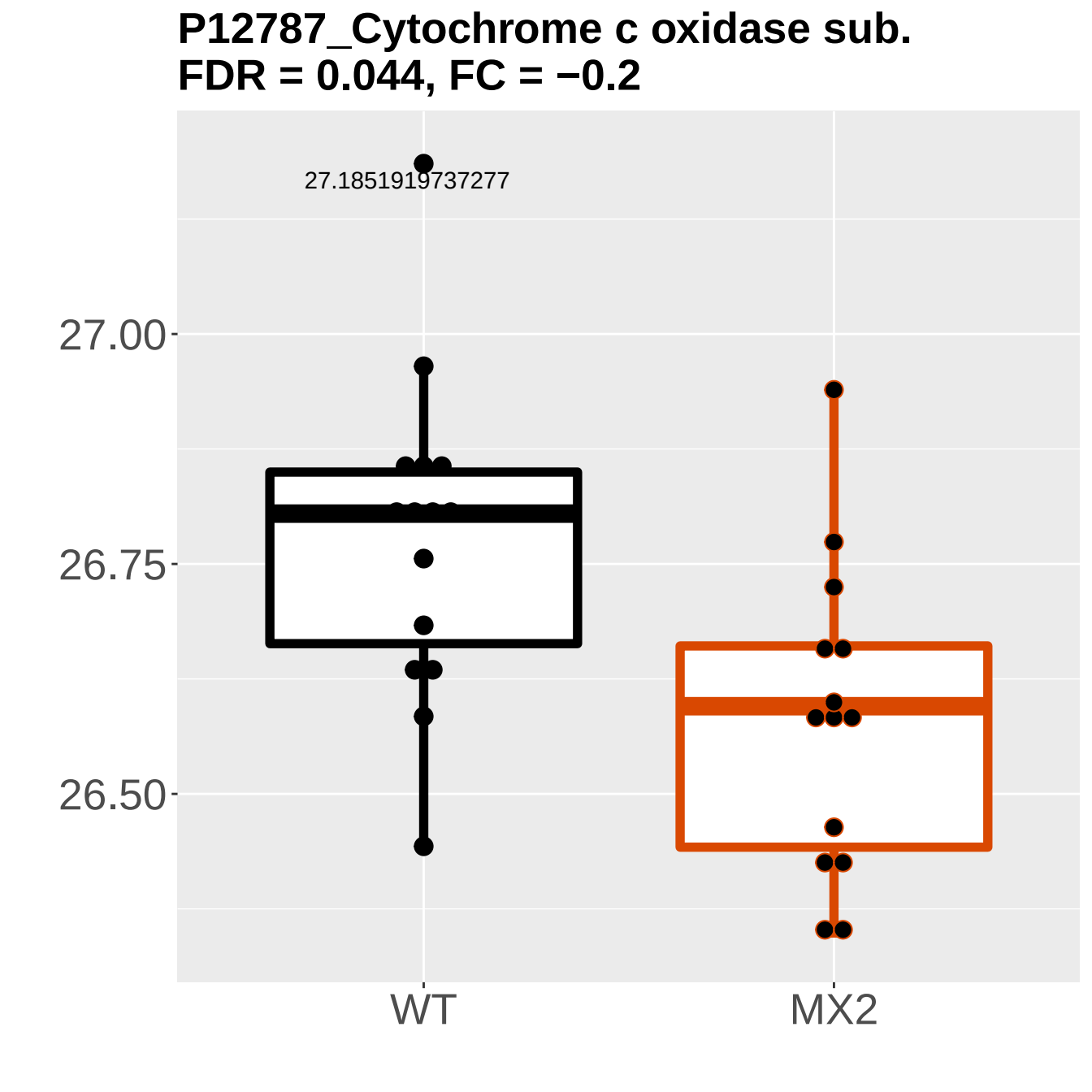

Q91XL9_Oxysterol−binding protei.
FDR = 0.043, FC = 0.14
23.7226061887341
23.6
23.4
23.2
23.3698007306103
23.076102174234
WT
MX2

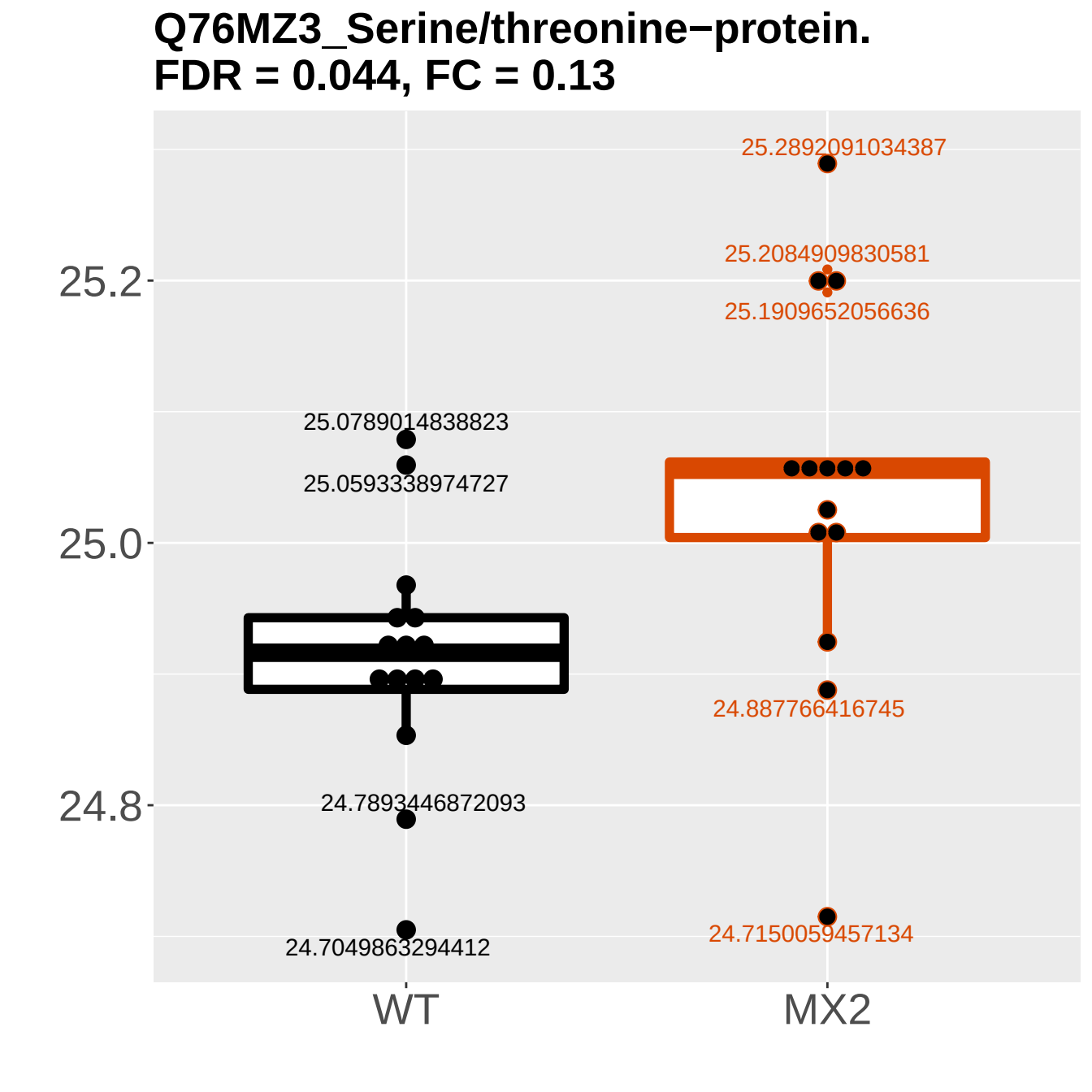

Q99LB2_Dehydrogenase/reductase .
FDR = 0.043, FC = −0.13, sex***
26.8
26.6
26.4
26.7799914087836
26.2940726839776
WT
MX2

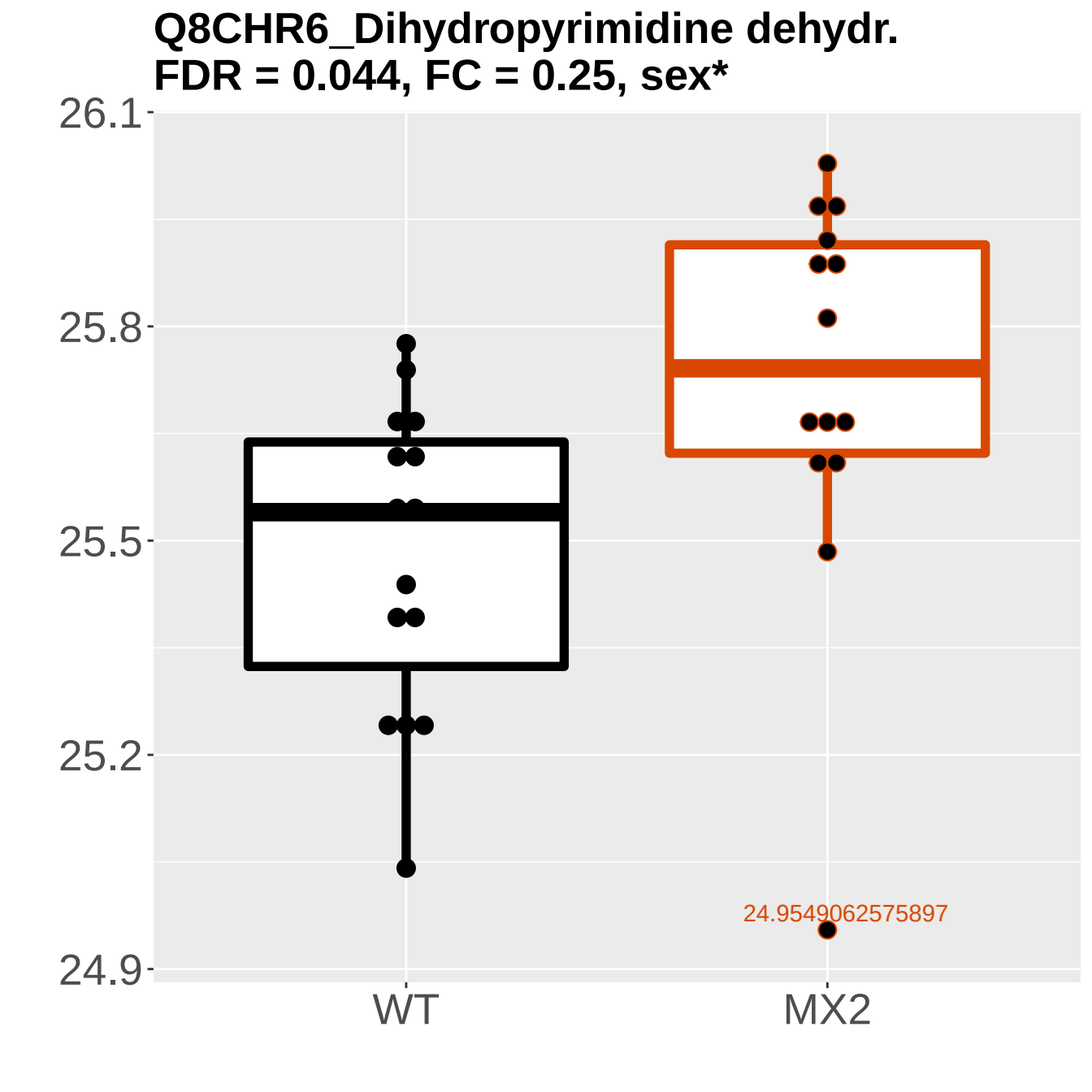

Q9Z1Z2_Serine−threonine kinase .
FDR = 0.043, FC = −0.12
23.5
23.4
23.3
23.2
23.1
23.0
23.445360202937
WT
MX2

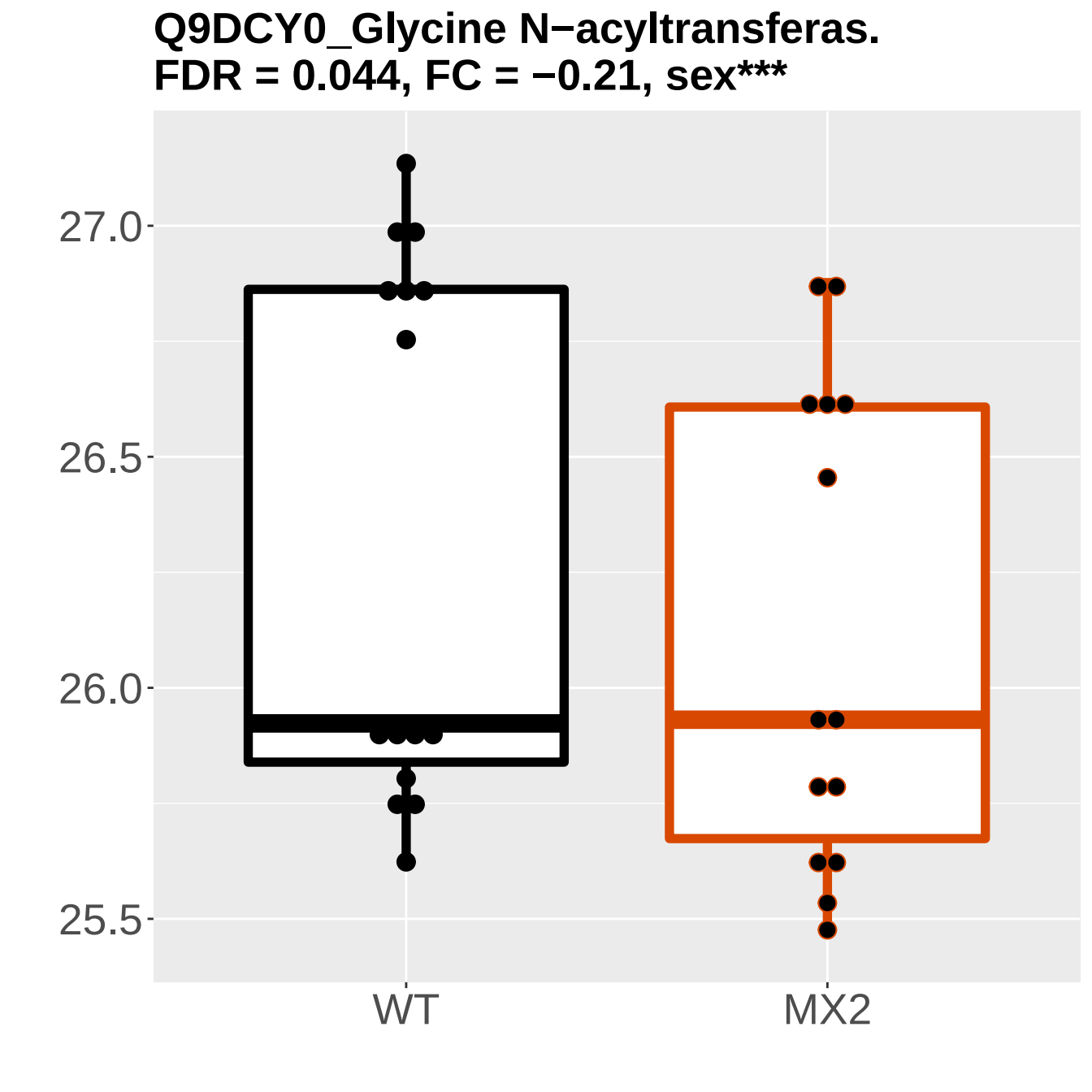

Q9Z2U1_Proteasome subunit alpha.
FDR = 0.043, FC = −0.1
25.7
25.6
25.5
25.4
25.3
WT
MX2

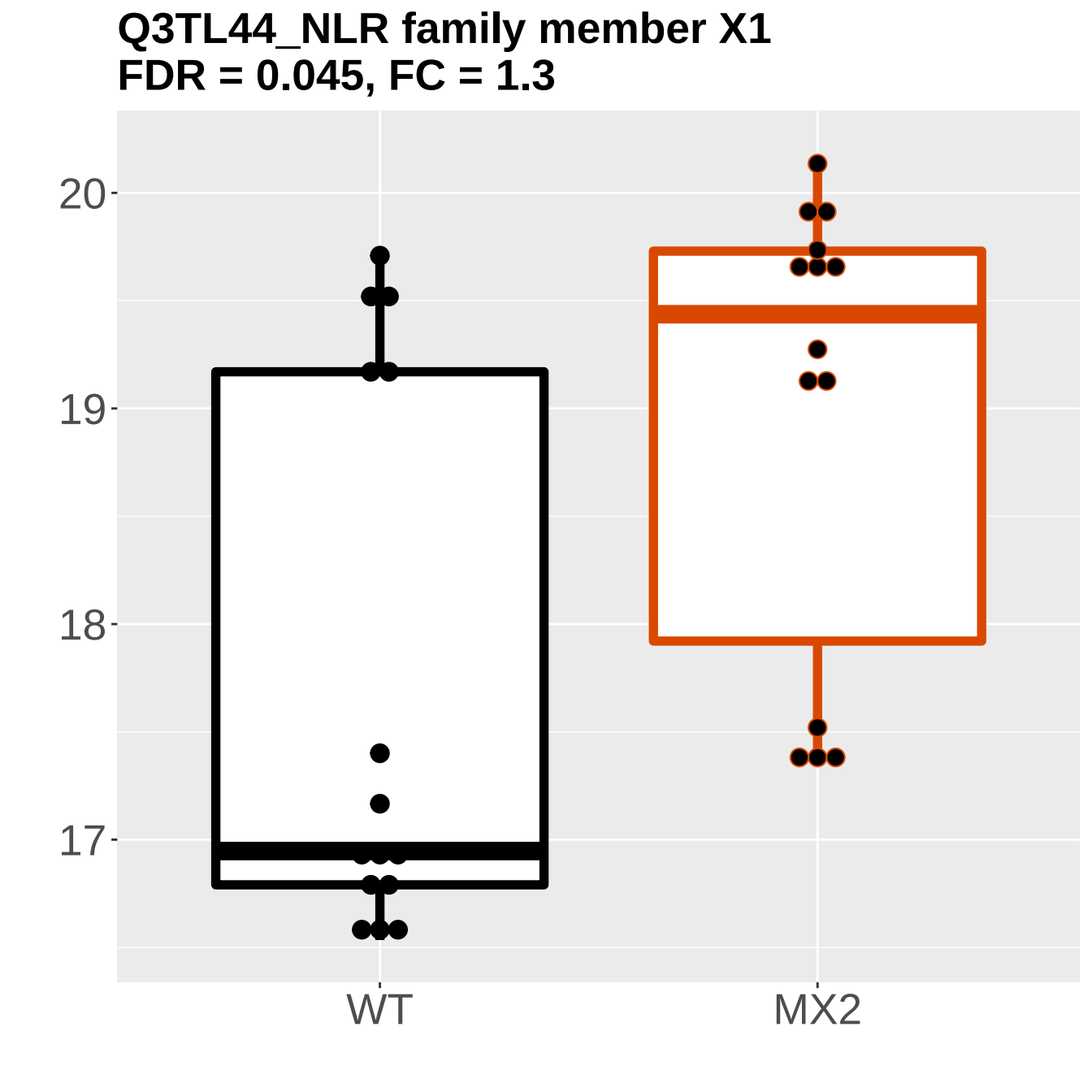

P70296_Phosphatidylethanolamine.
FDR = 0.044, FC = −0.19
26.5
26.3
26.1
25.9
25.7
WT
MX2

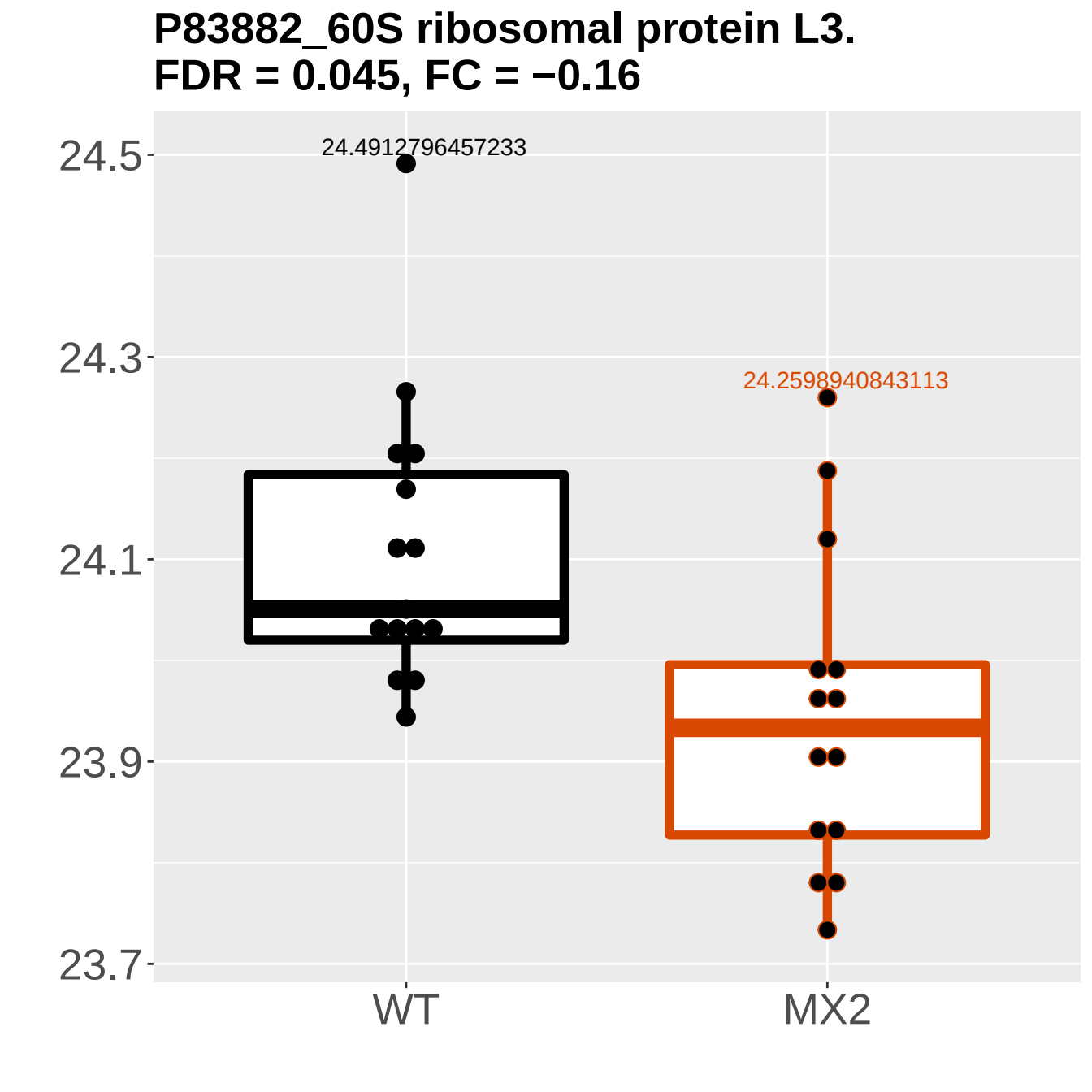

P12787_Cytochrome c oxidase sub.
FDR = 0.044, FC = −0.2
27.1851919737277
27.00
26.75
26.50
WT
MX2

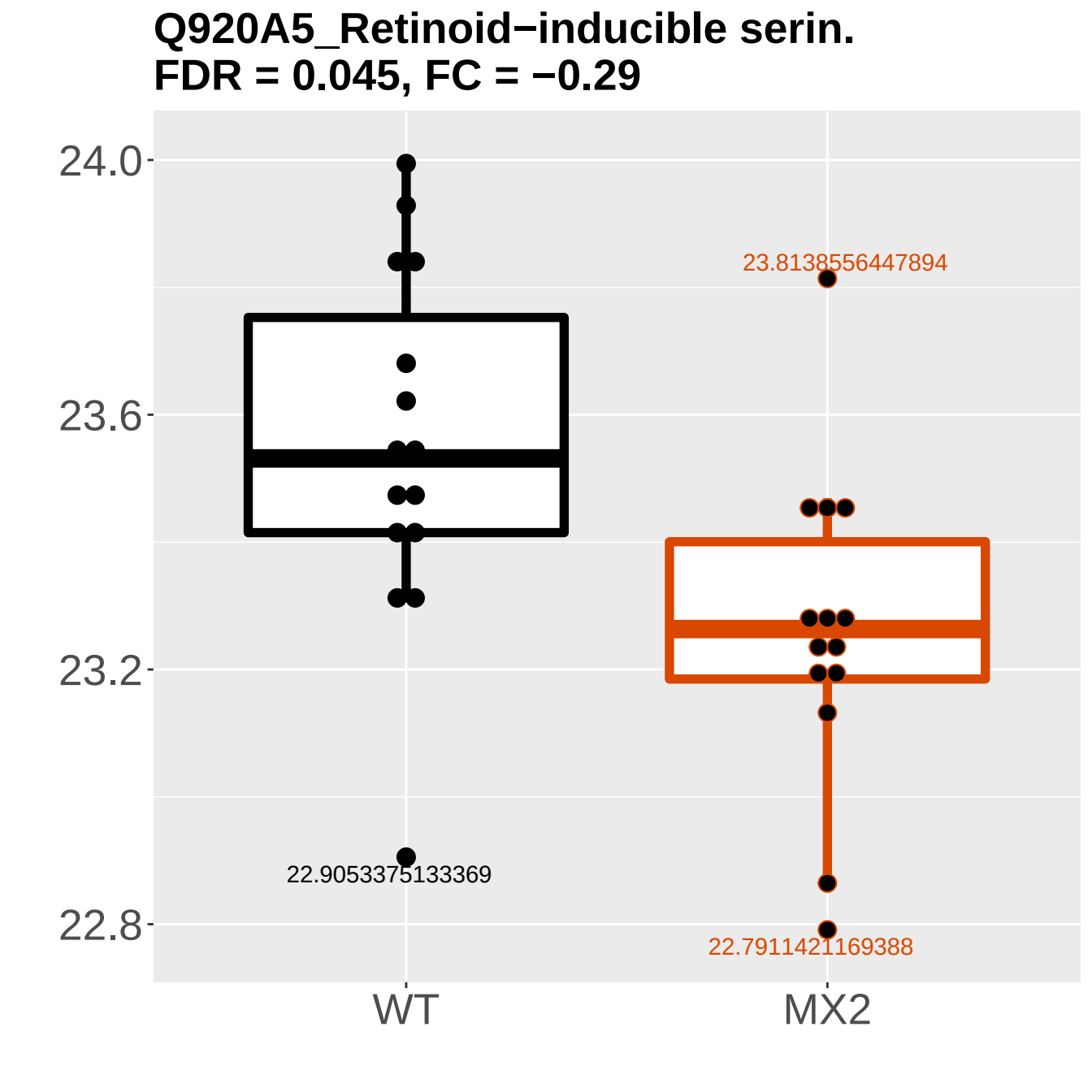

Q76MZ3_Serine/threonine−protein.
FDR = 0.044, FC = 0.13
25.2
25.0
24.8
25.2892091034387
25.2084909830581
25.1909652056636
25.0789014838823
25.0593338974727
24.887766416745
24.7893446872093
24.7049863294412
24.7150059457134
WT
MX2

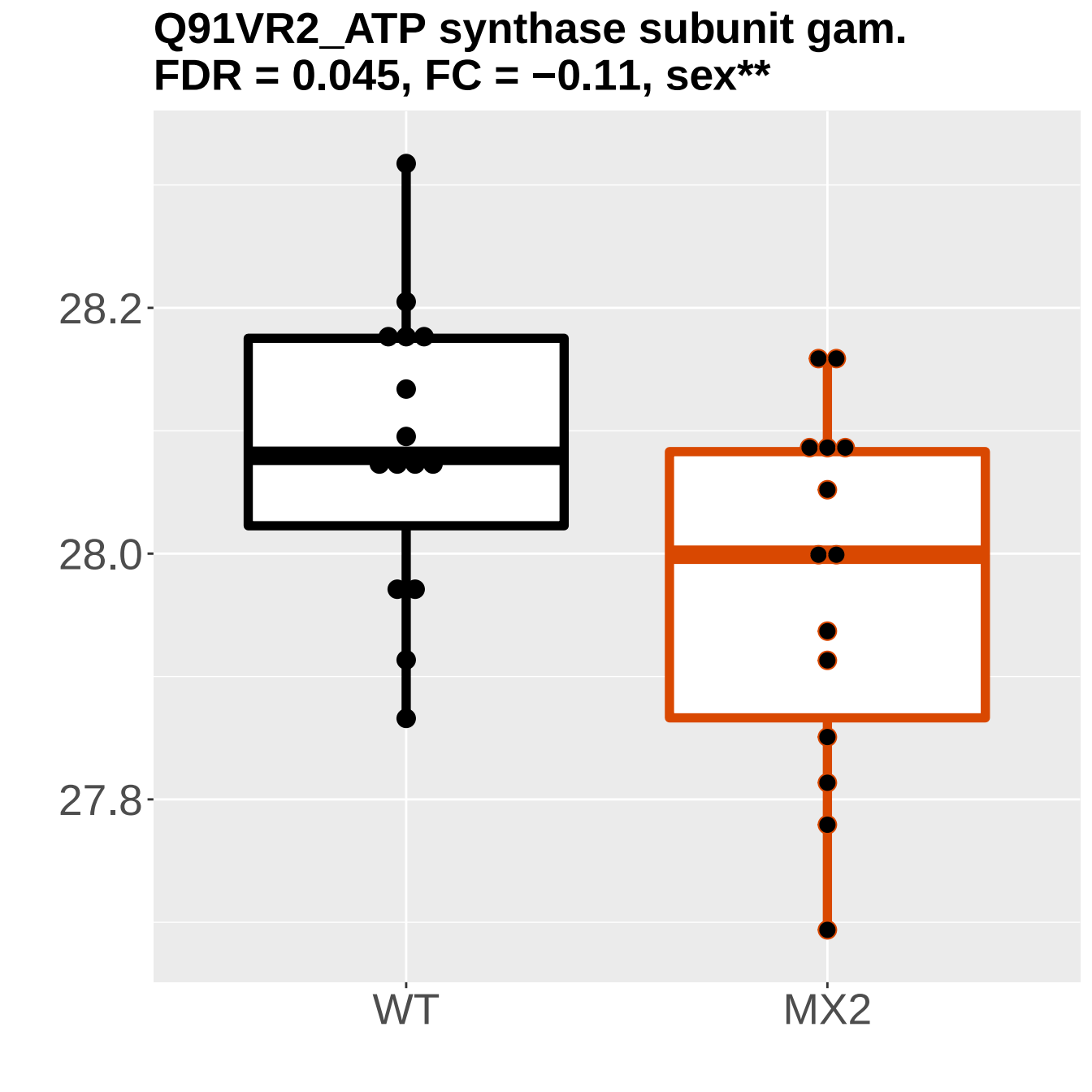

Q8CHR6_Dihydropyrimidine dehydr.
FDR = 0.044, FC = 0.25, sex*
26.1
25.8
25.5
25.2
24.9
24.9549062575897
WT
MX2

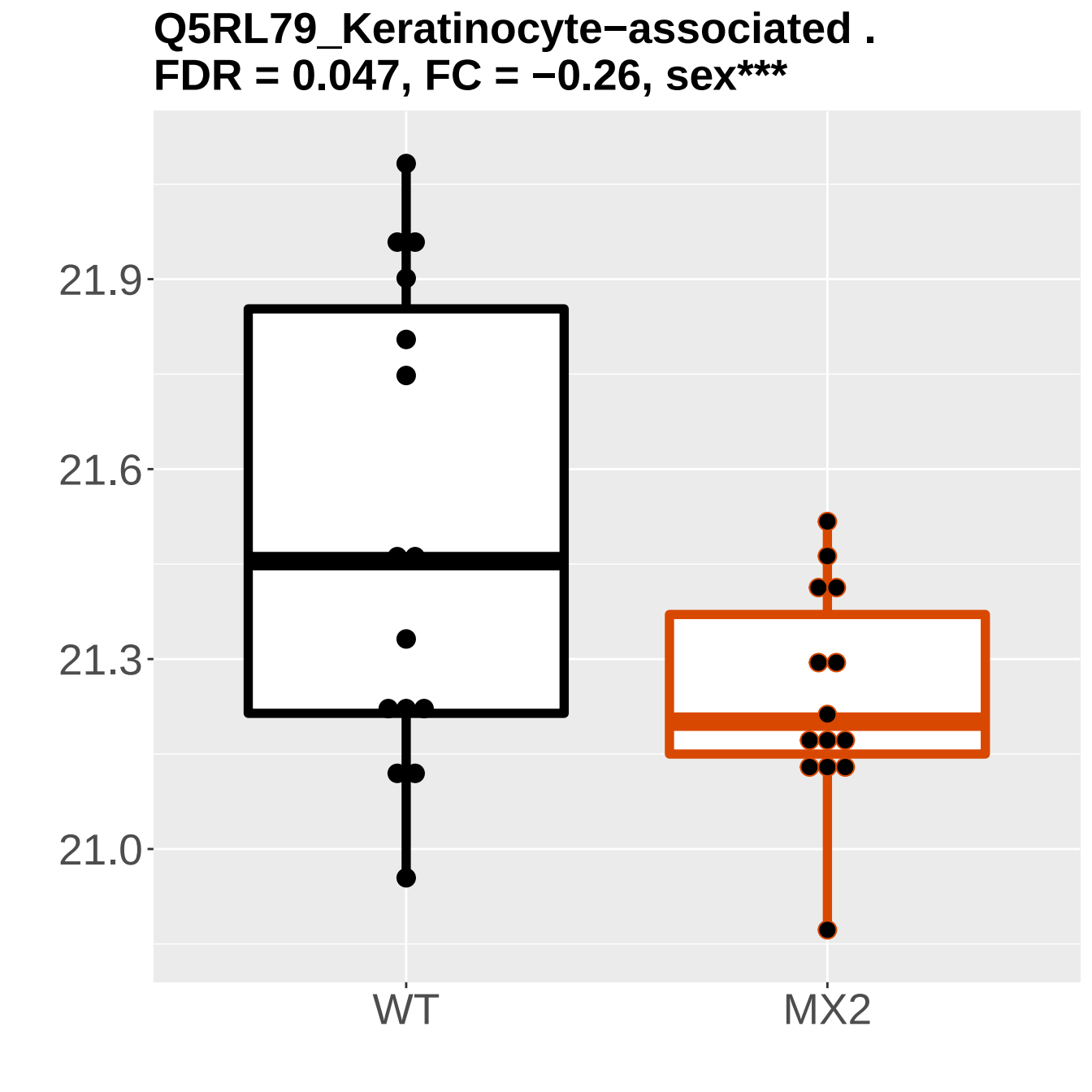

Q9DCY0_Glycine N−acyltransferas.
FDR = 0.044, FC = −0.21, sex***
27.0
26.5
26.0
25.5
WT
MX2

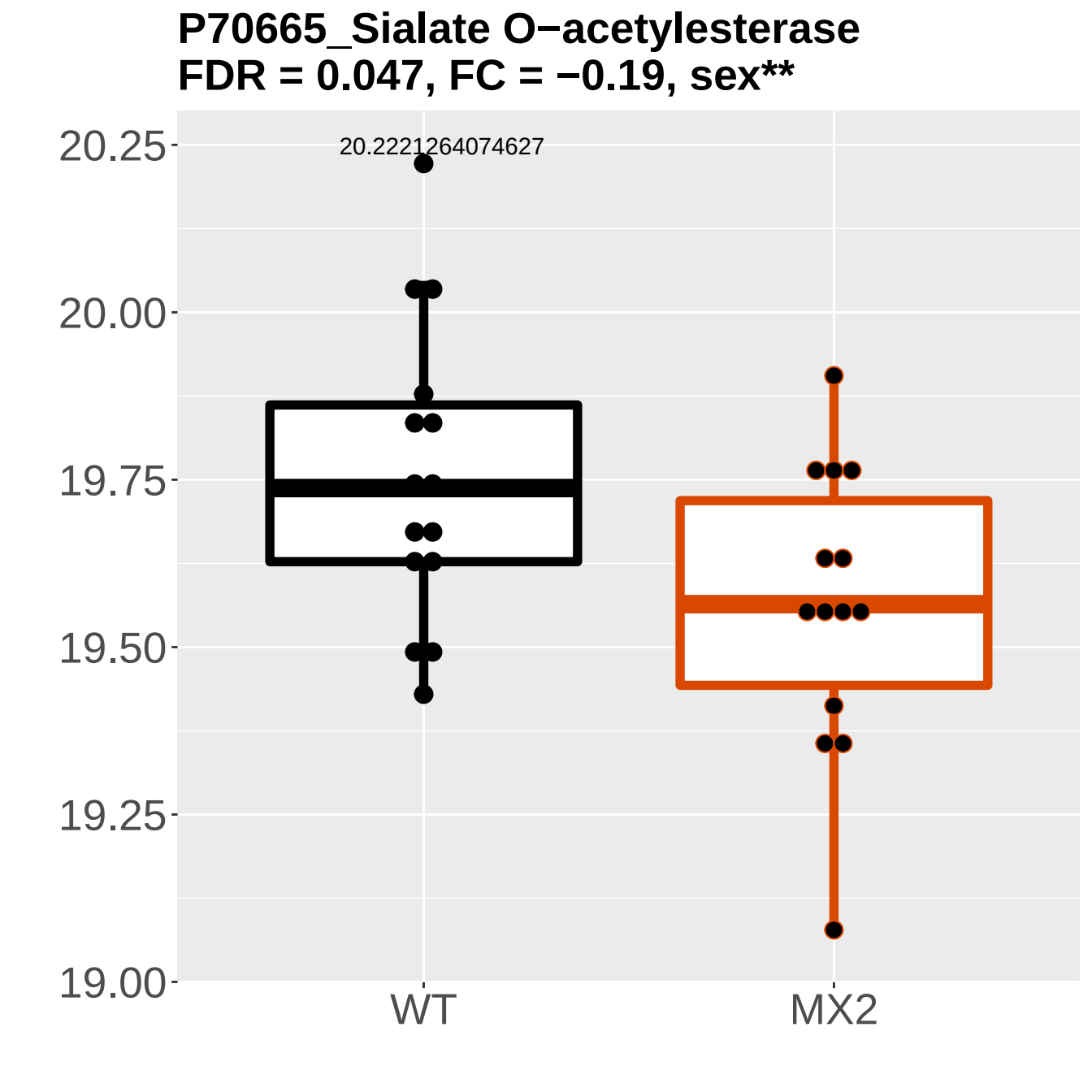

Q3TL44_NLR family member X1
FDR = 0.045, FC = 1.3
20
19
18
17
WT
MX2

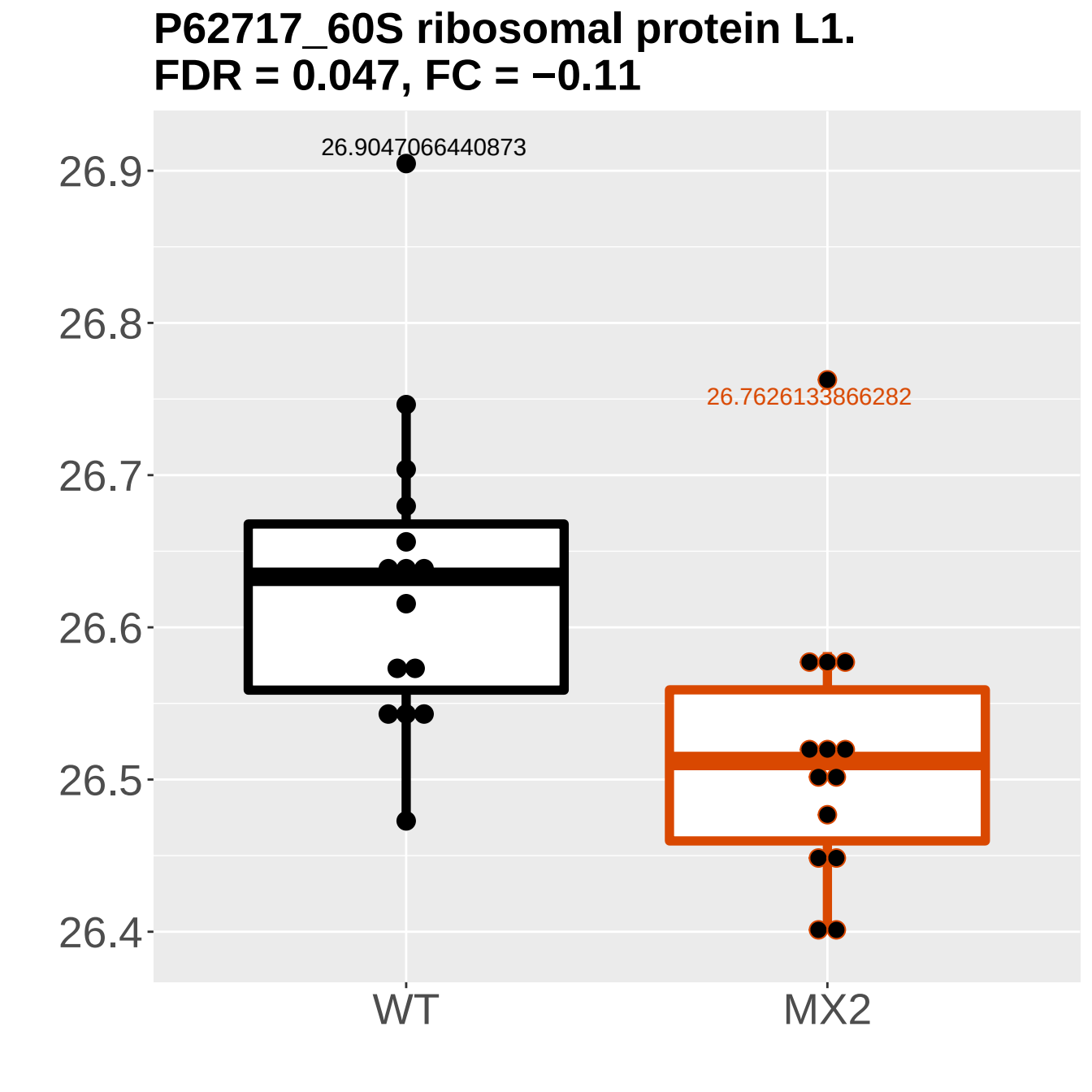

P83882_60S ribosomal protein L3.
FDR = 0.045, FC = −0.16
24.5
24.3
24.1
23.9
23.7
24.4912796457233
24.2598940843113
WT
MX2

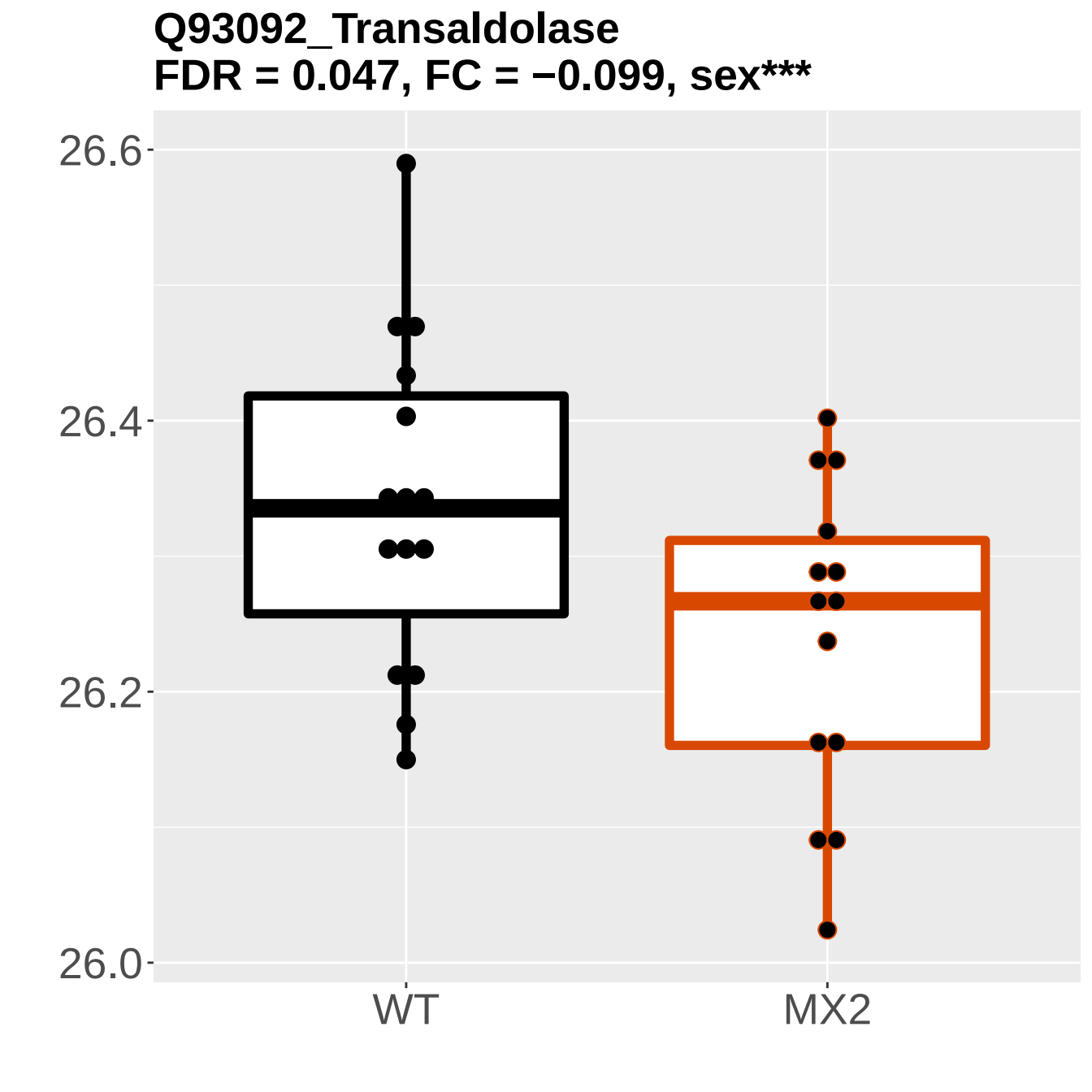

Q920A5_Retinoid−inducible serin.
FDR = 0.045, FC = −0.29
24.0
23.6
23.2
22.8
23.8138556447894
22.9053375133369
22.7911421169388
WT
MX2

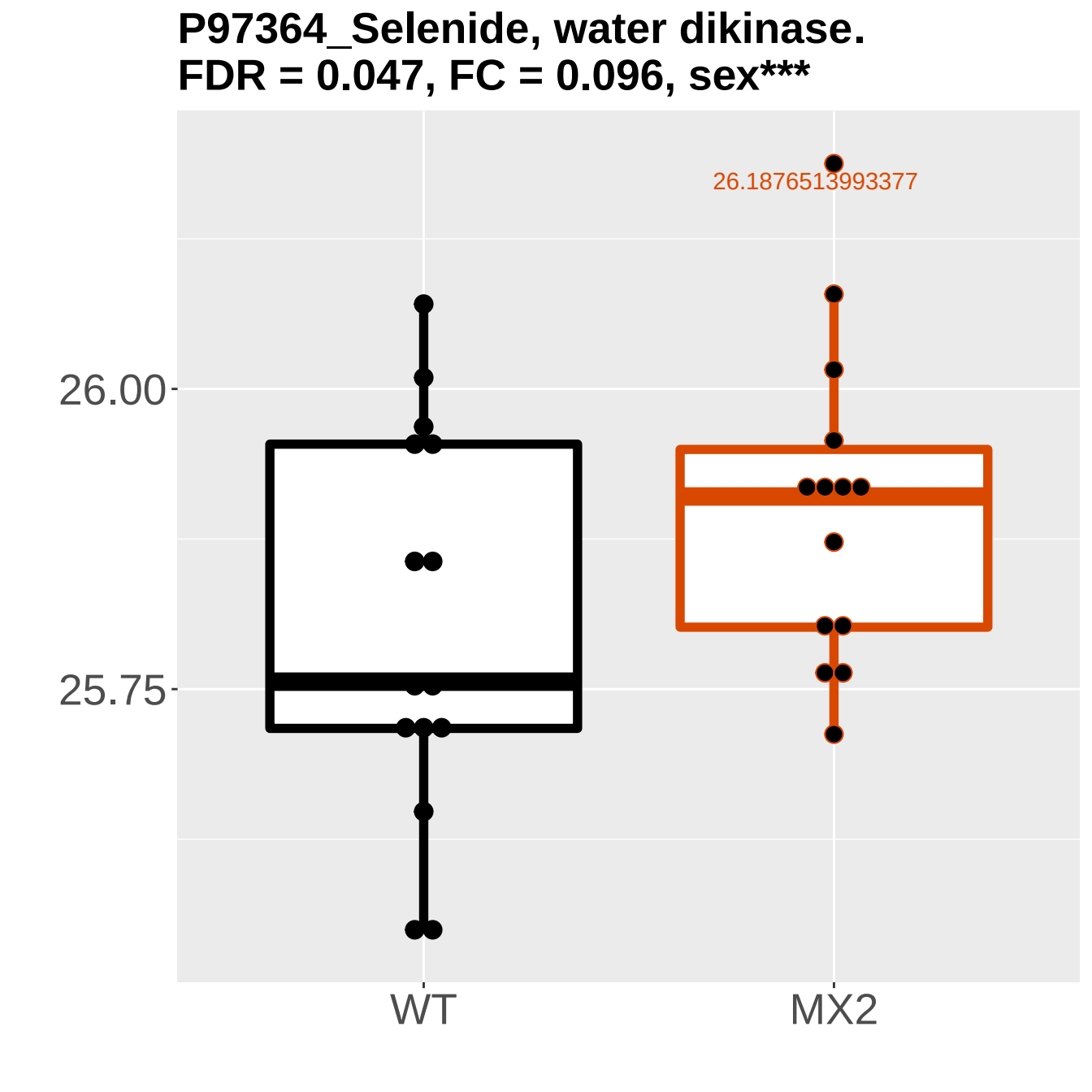

Q91VR2_ATP synthase subunit gam.
FDR = 0.045, FC = −0.11, sex**
28.2
28.0
27.8
WT
MX2

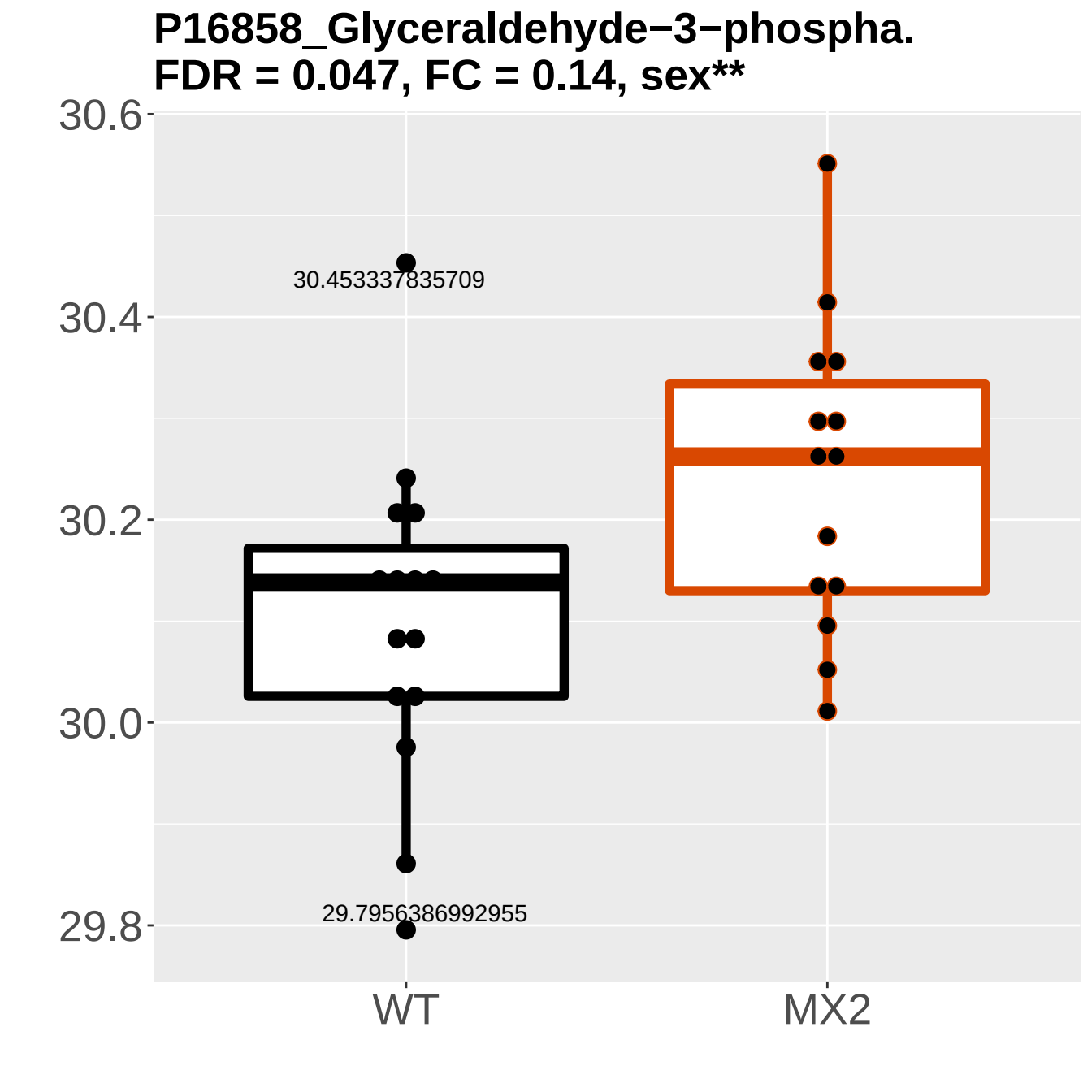

Q5RL79_Keratinocyte−associated .
FDR = 0.047, FC = −0.26, sex***
21.9
21.6
21.3
21.0
WT
MX2

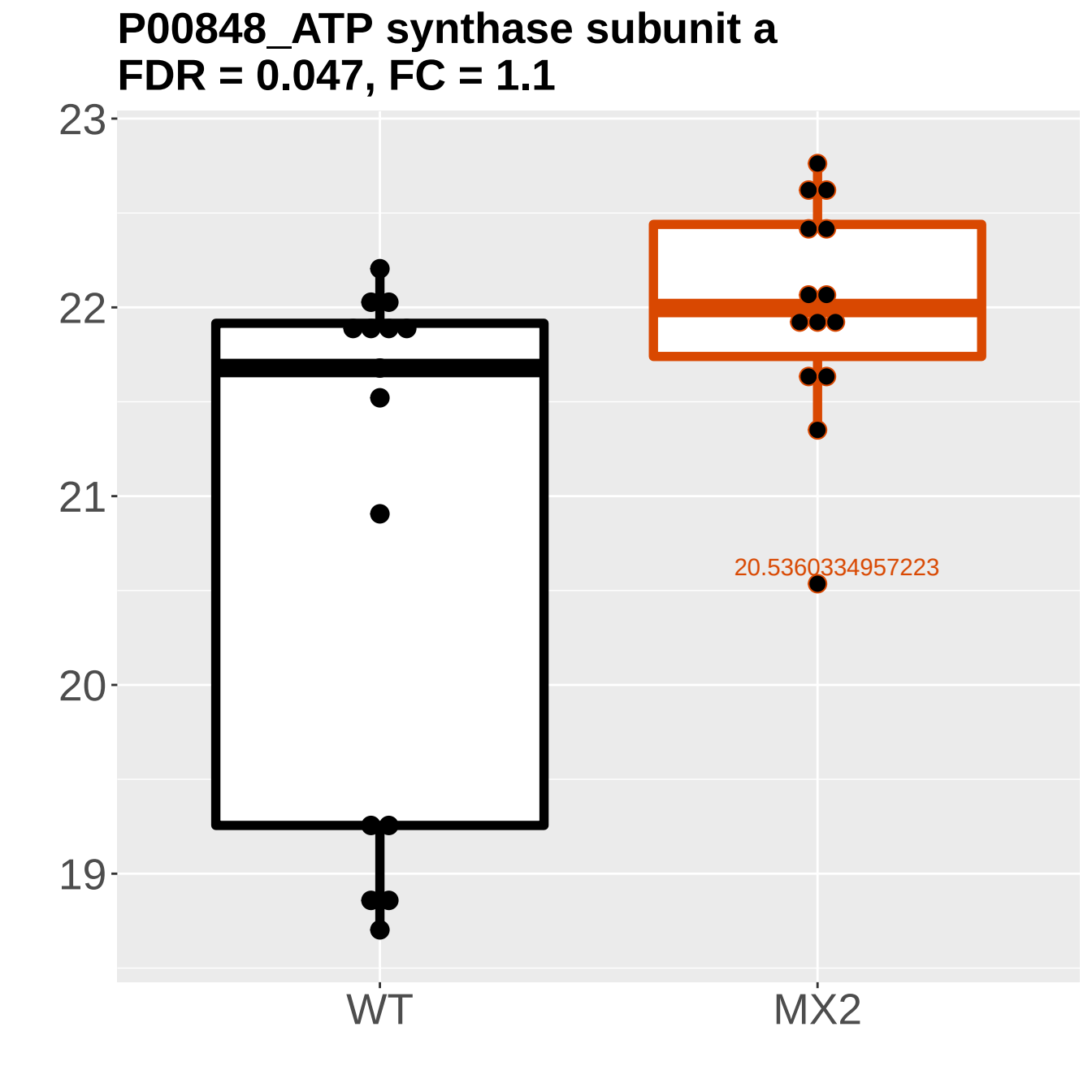

P70665_Sialate O−acetylesterase
FDR = 0.047, FC = −0.19, sex**
20.25
20.00
19.75
19.50
19.25
19.00
20.2221264074627
WT
MX2

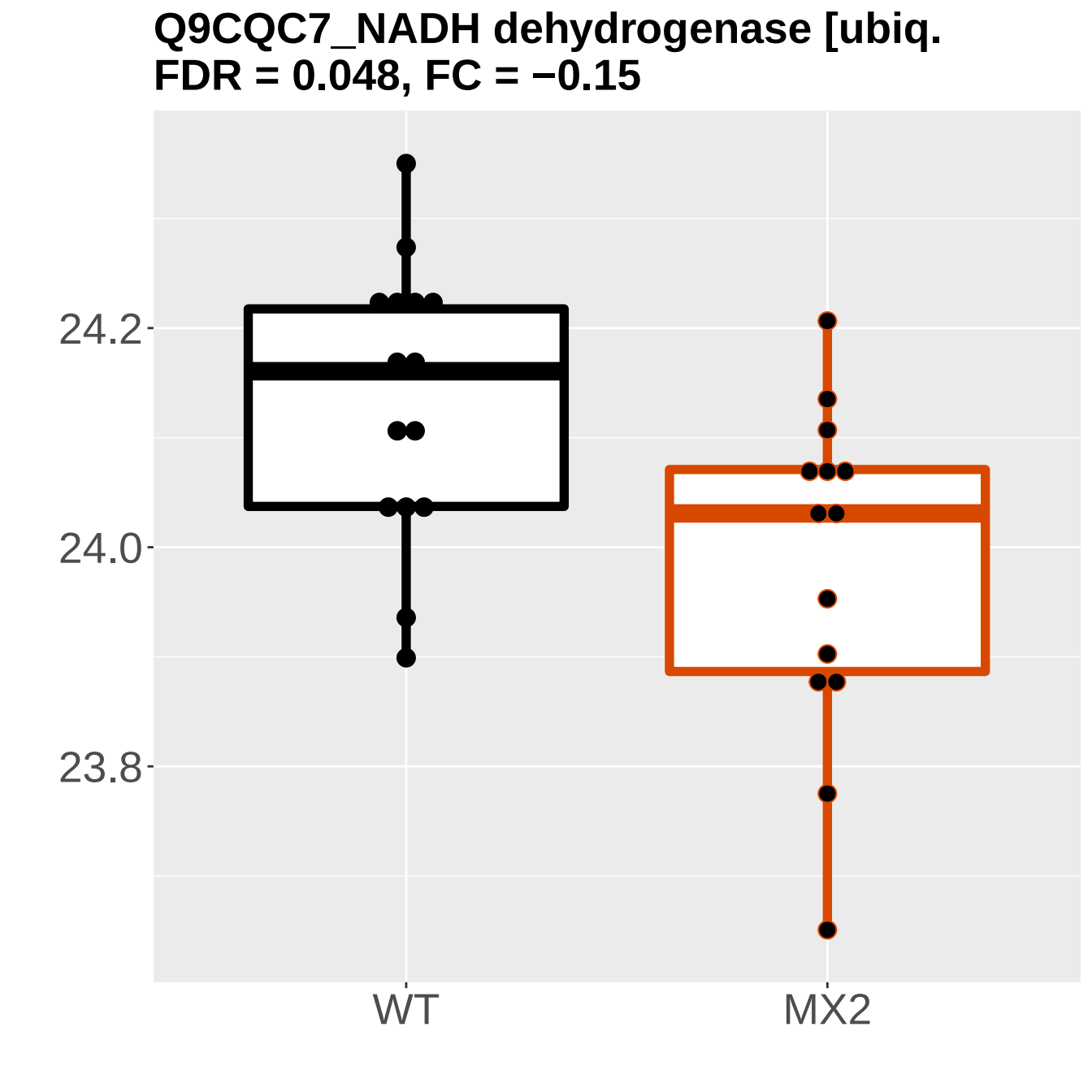

P62717_60S ribosomal protein L1.
FDR = 0.047, FC = −0.11
26.9047066440873
26.7626133866282
26.9
26.8
26.7
26.6
26.5
26.4
WT
MX2

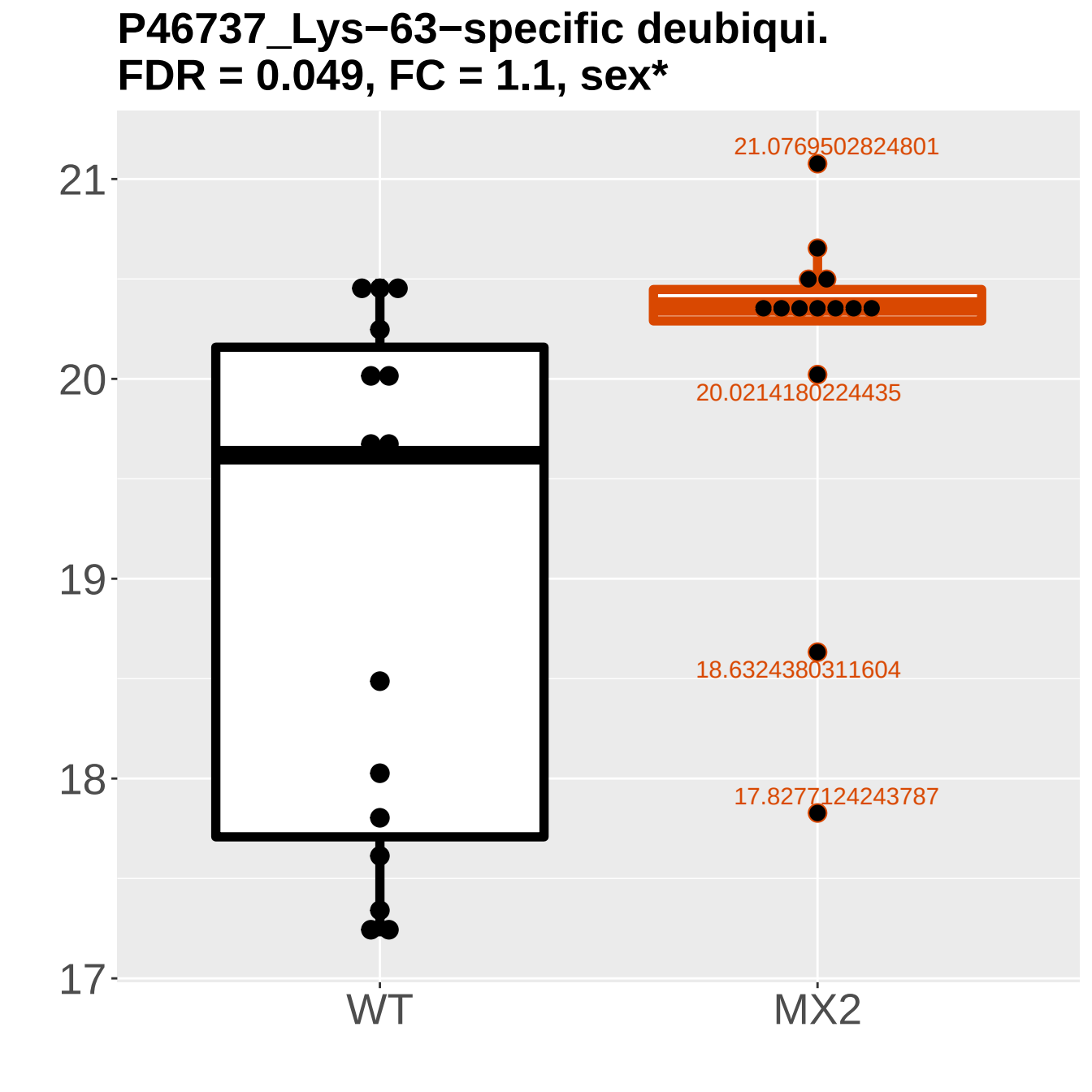

Q93092_Transaldolase
FDR = 0.047, FC = −0.099, sex***
26.6
26.4
26.2
26.0
WT
MX2

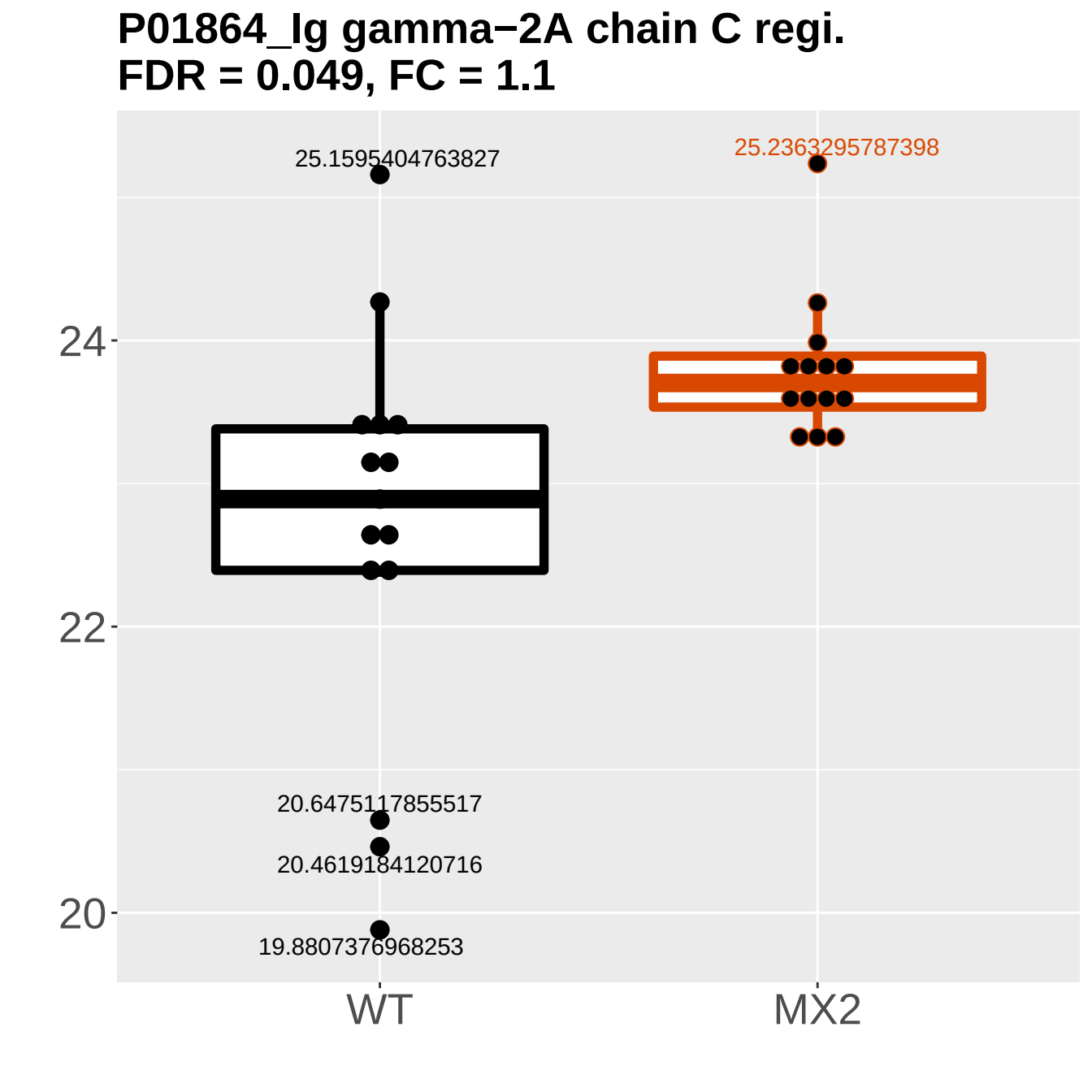

P97364_Selenide, water dikinase.
FDR = 0.047, FC = 0.096, sex***
26.1876513993377
26.00
25.75
WT
MX2

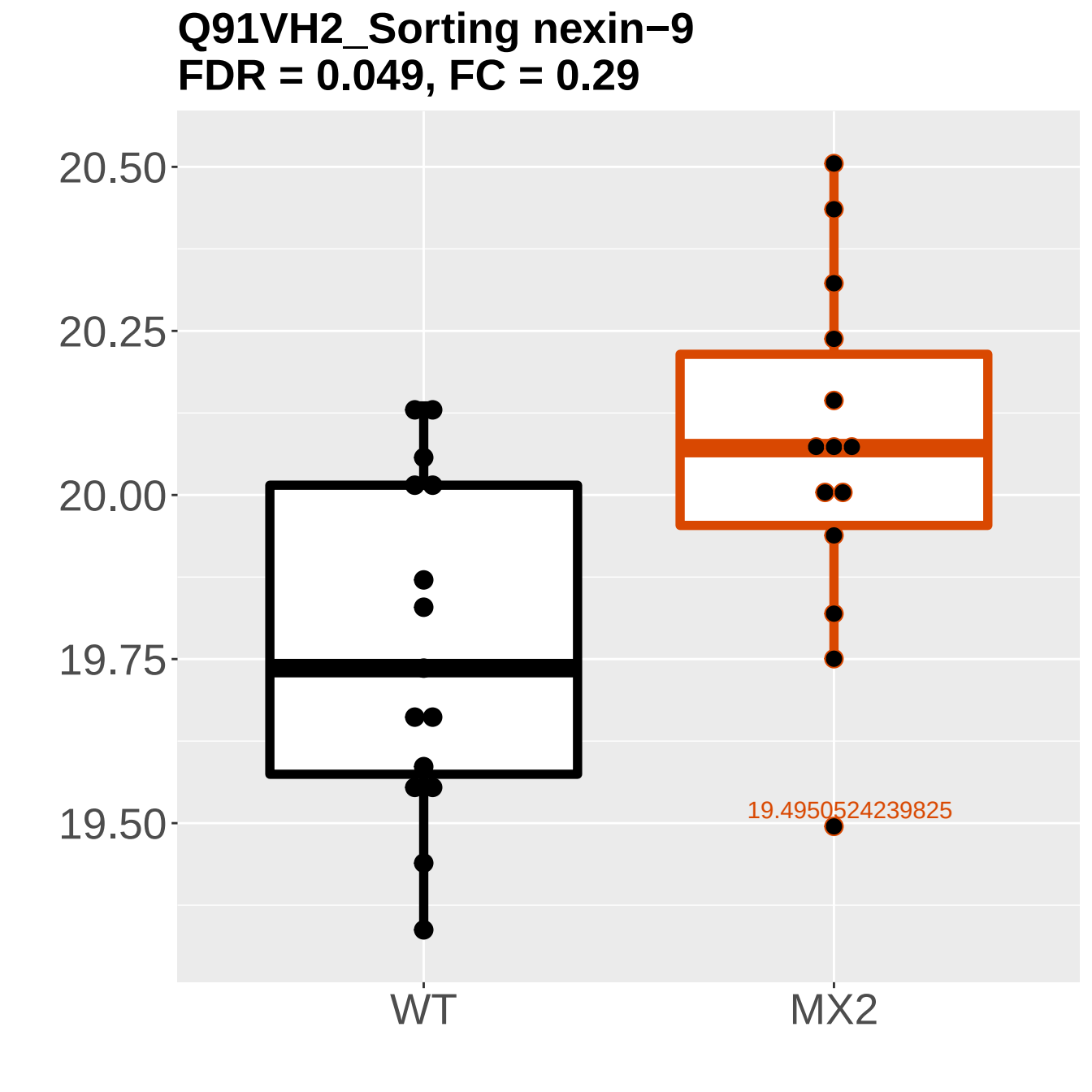

P16858_Glyceraldehyde−3−phospha.
FDR = 0.047, FC = 0.14, sex**
30.6
30.4
30.2
30.0
29.8
30.453337835709
29.7956386992955
WT
MX2

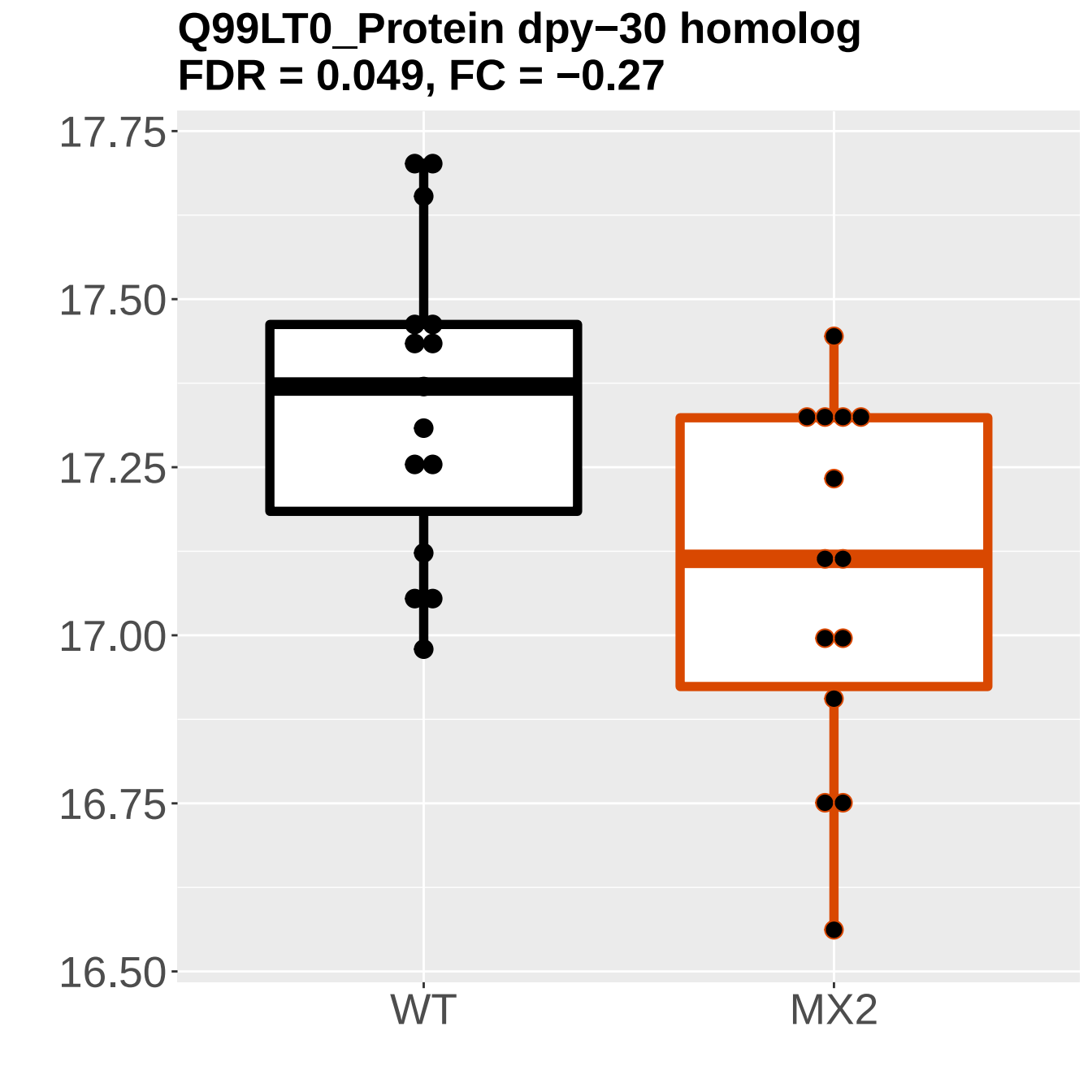

P00848_ATP synthase subunit a
FDR = 0.047, FC = 1.1
23
22
21
20
19
20.5360334957223
WT
MX2

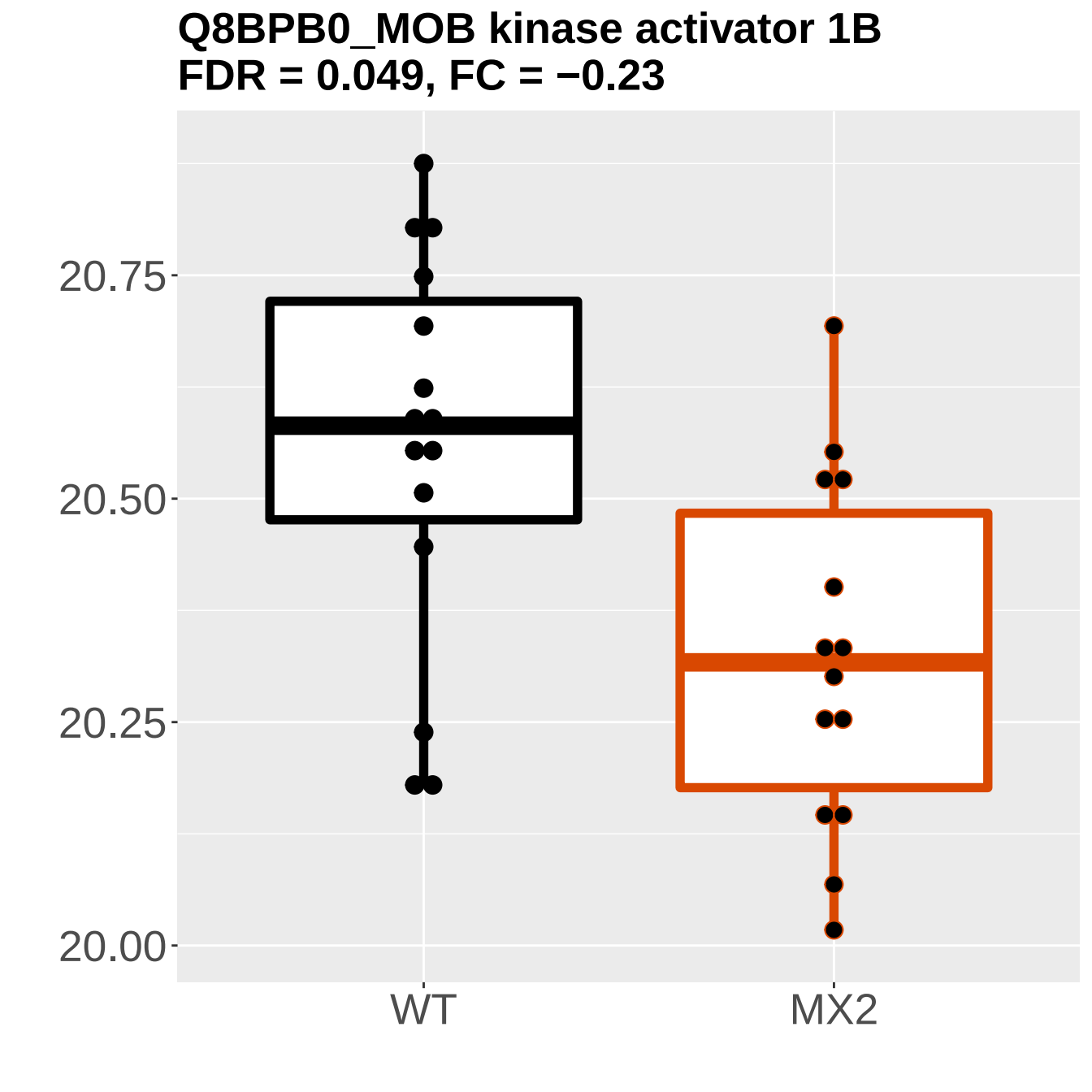

Q9CQC7_NADH dehydrogenase [ubiq.
FDR = 0.048, FC = −0.15
24.2
24.0
23.8
WT
MX2

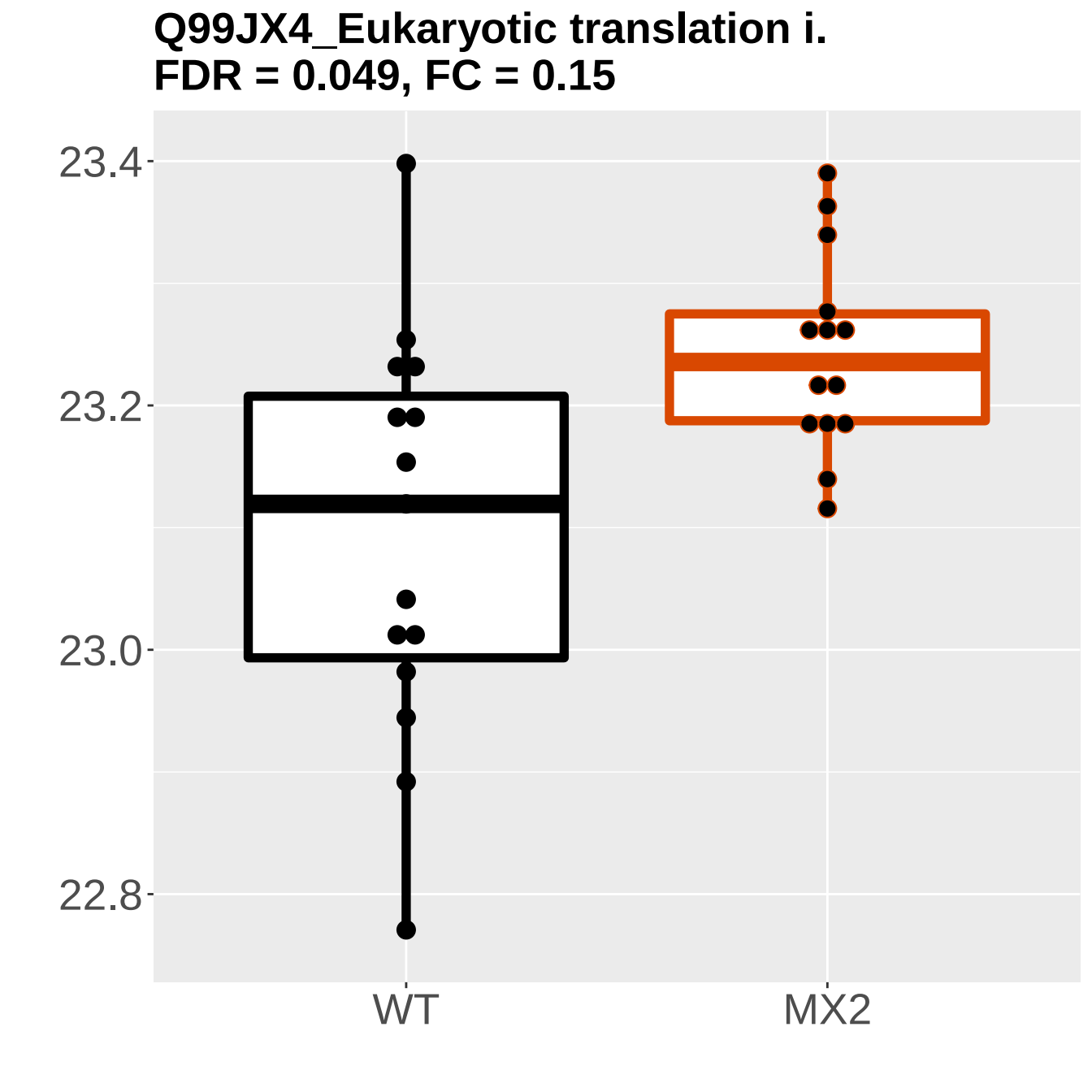

P46737_Lys−63−specific deubiqui.
FDR = 0.049, FC = 1.1, sex*
21
20
19
18
17
21.0769502824801
20.0214180224435
18.6324380311604
17.8277124243787
WT
MX2

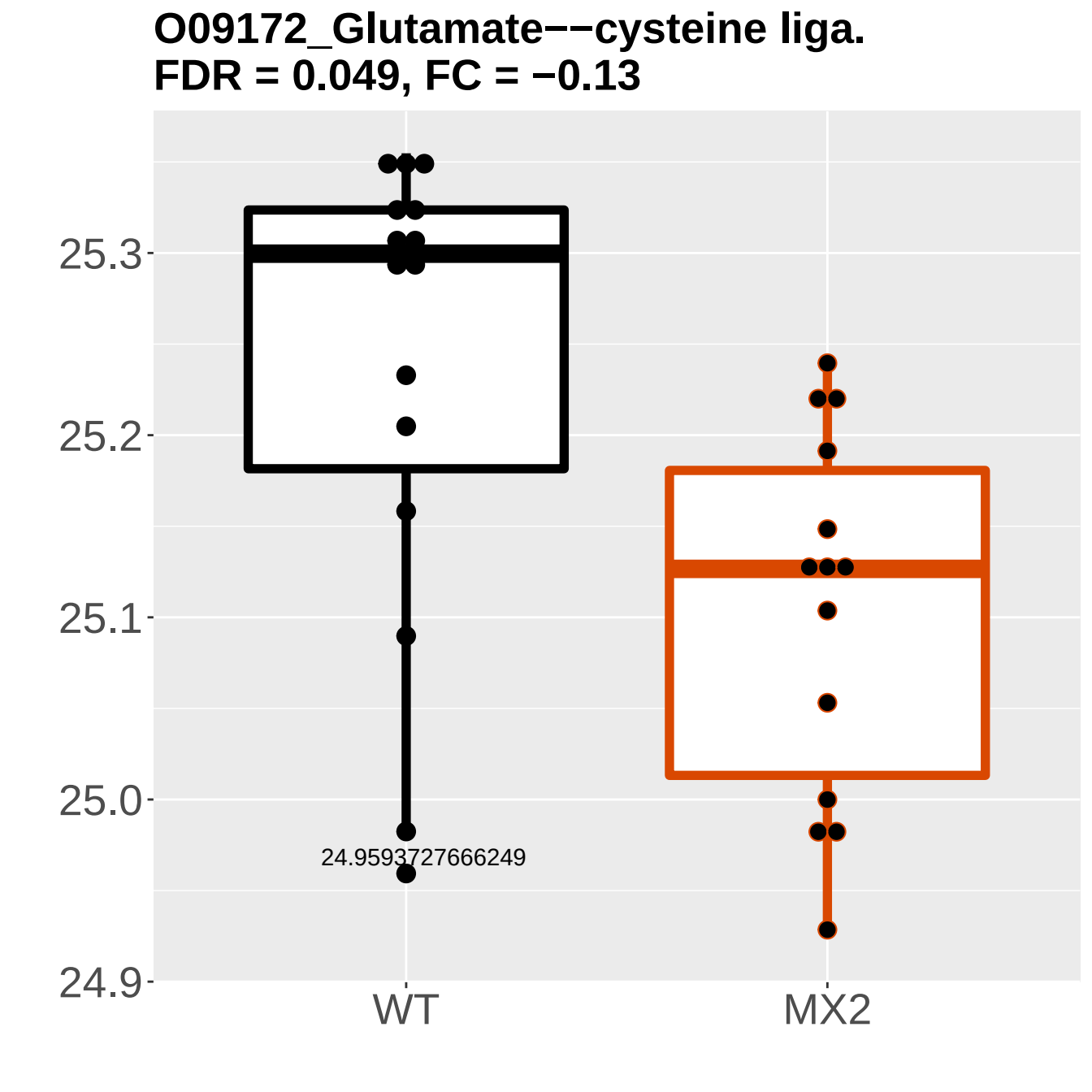

P01864_Ig gamma−2A chain C regi.
FDR = 0.049, FC = 1.1
25.1595404763827
25.2363295787398
24
22
20
20.6475117855517
20.4619184120716
19.8807376968253
WT
MX2

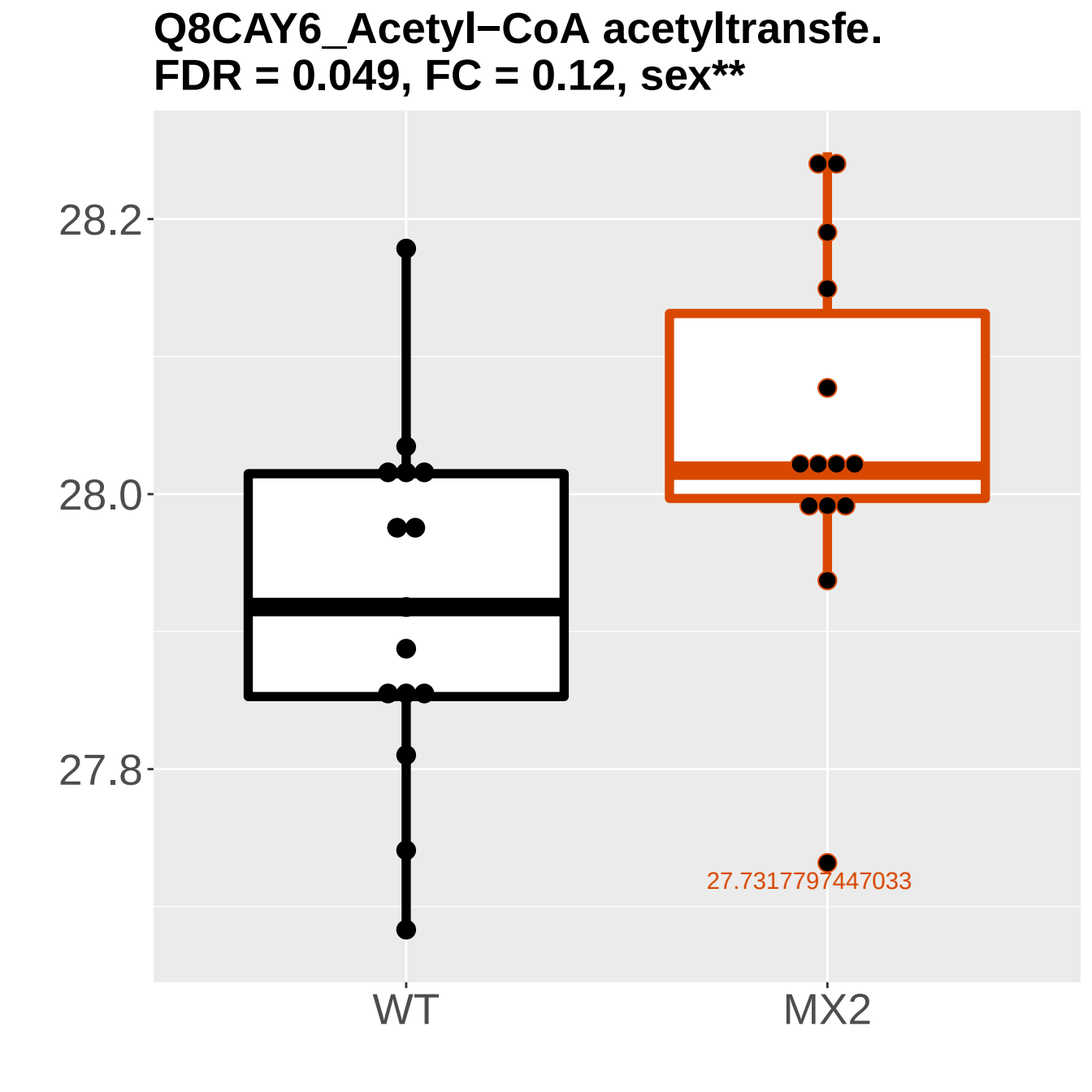

Q91VH2_Sorting nexin−9
FDR = 0.049, FC = 0.29
20.50
20.25
20.00
19.75
19.50
19.4950524239825
WT
MX2

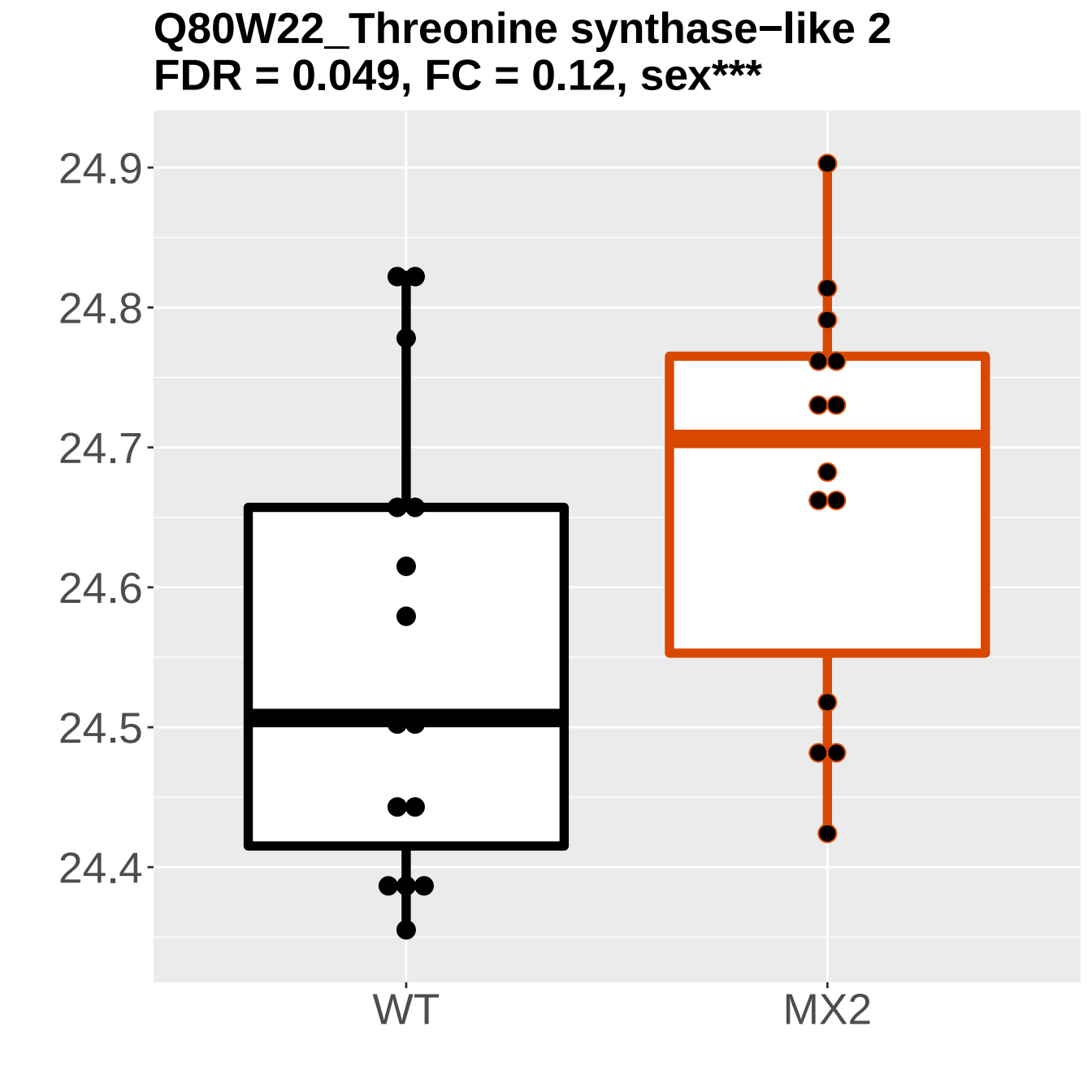

Q99LT0_Protein dpy−30 homolog
FDR = 0.049, FC = −0.27
17.75
17.50
17.25
17.00
16.75
16.50
WT
MX2

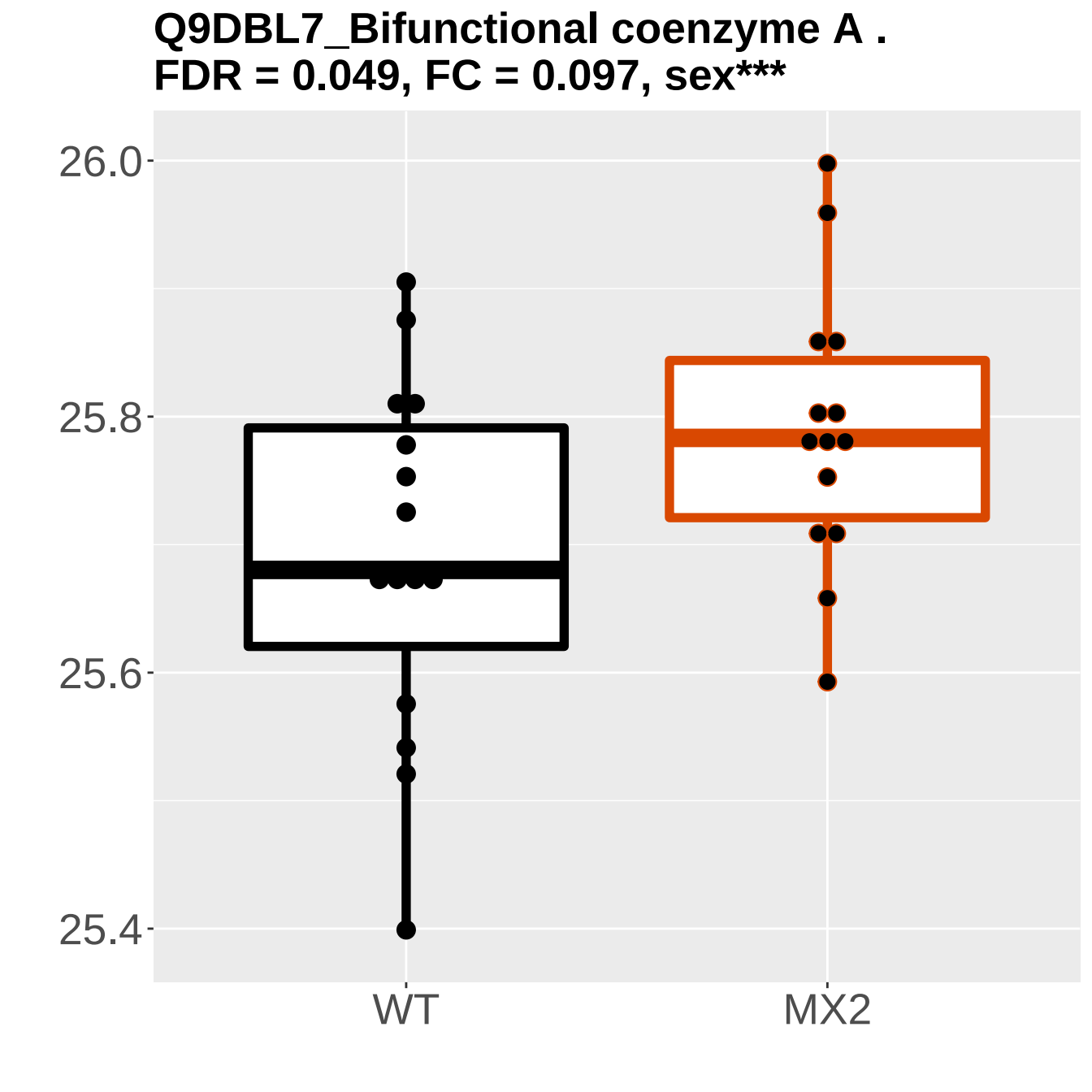

Q8BPB0_MOB kinase activator 1B
FDR = 0.049, FC = −0.23
20.75
20.50
20.25
20.00
WT
MX2

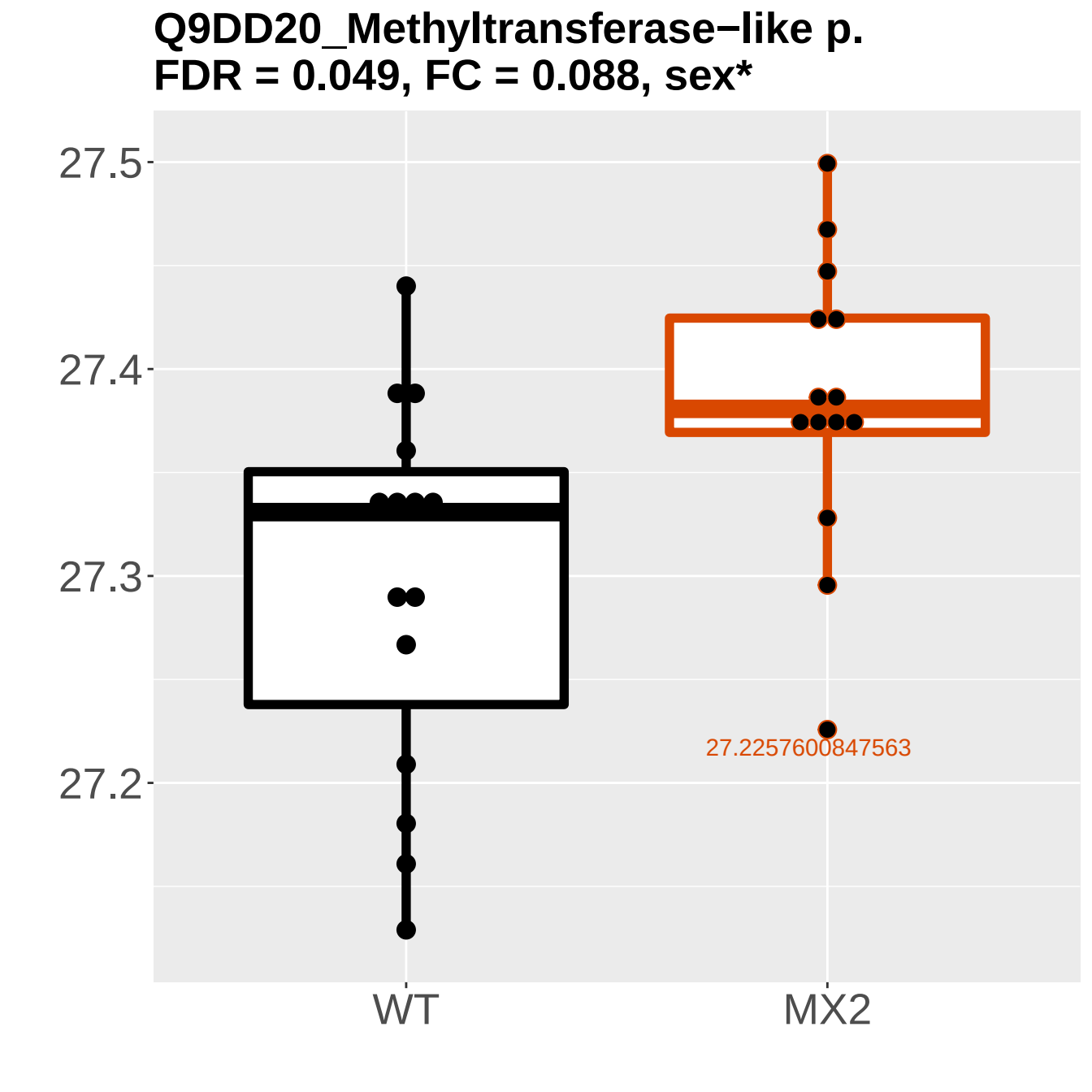

Q99JX4_Eukaryotic translation i.
FDR = 0.049, FC = 0.15
23.4
23.2
23.0
22.8
WT
MX2


O09172_Glutamate−−cysteine liga.
FDR = 0.049, FC = −0.13
25.3
25.2
25.1
25.0
24.9
24.9593727666249
WT
MX2


Q8CAY6_Acetyl−CoA acetyltransfe.
FDR = 0.049, FC = 0.12, sex**
28.2
28.0
27.8
27.7317797447033
WT
MX2


Q80W22_Threonine synthase−like 2
FDR = 0.049, FC = 0.12, sex***
24.9
24.8
24.7
24.6
24.5
24.4
WT
MX2


Q9DBL7_Bifunctional coenzyme A .
FDR = 0.049, FC = 0.097, sex***
26.0
25.8
25.6
25.4
WT
MX2


Q9DD20_Methyltransferase−like p.
FDR = 0.049, FC = 0.088, sex*
27.5
27.4
27.3
27.2
27.2257600847563
WT
MX2