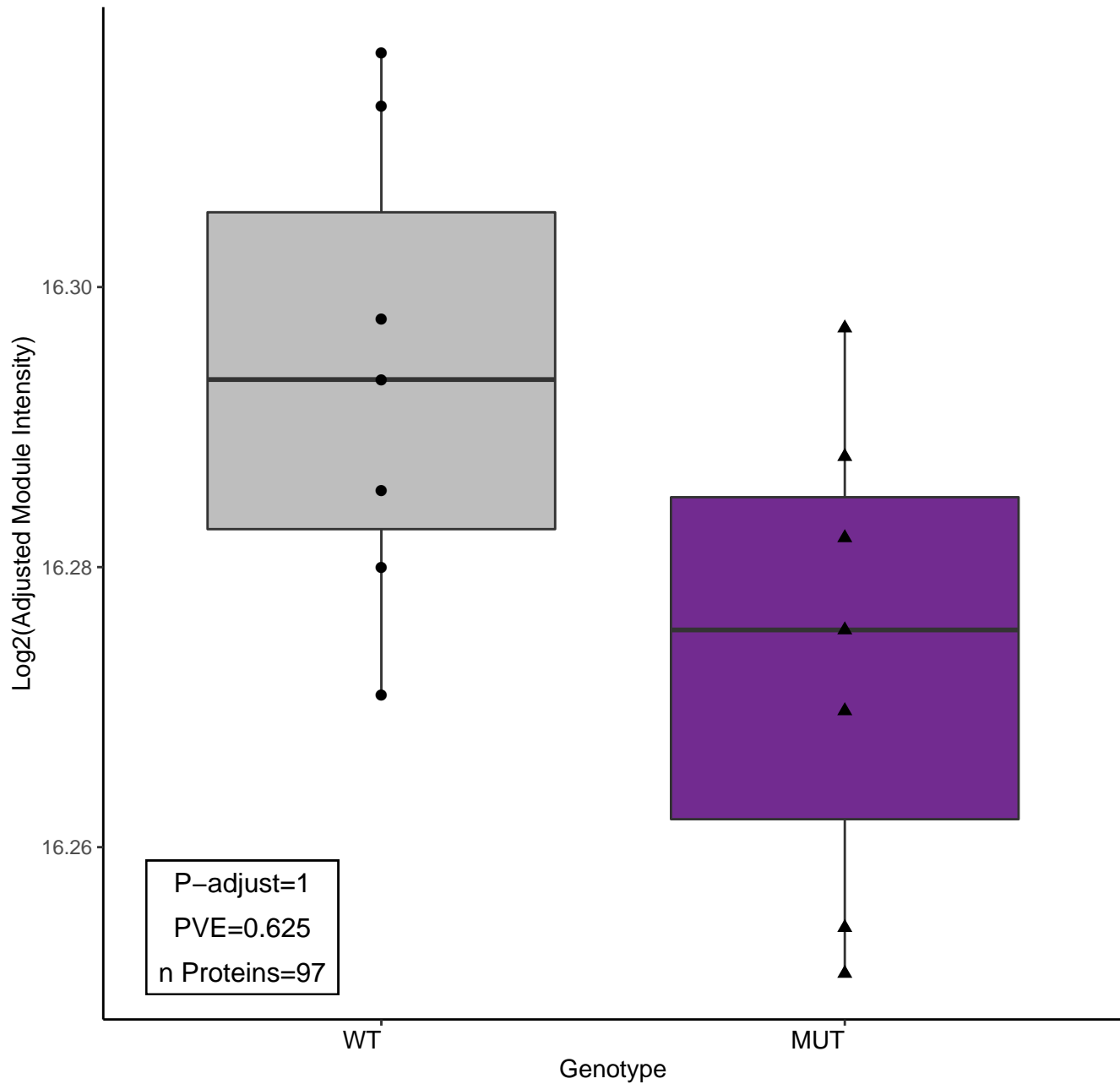
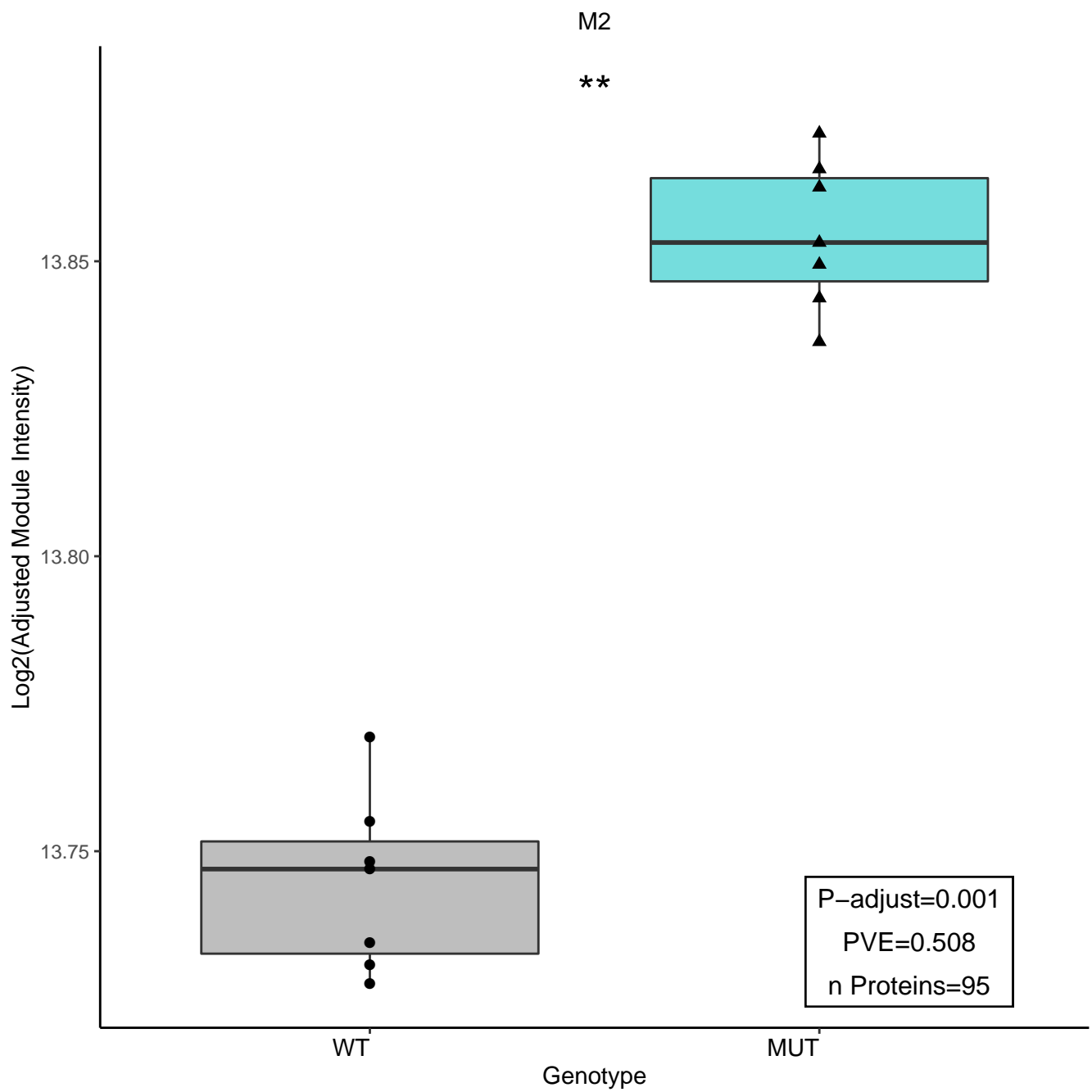
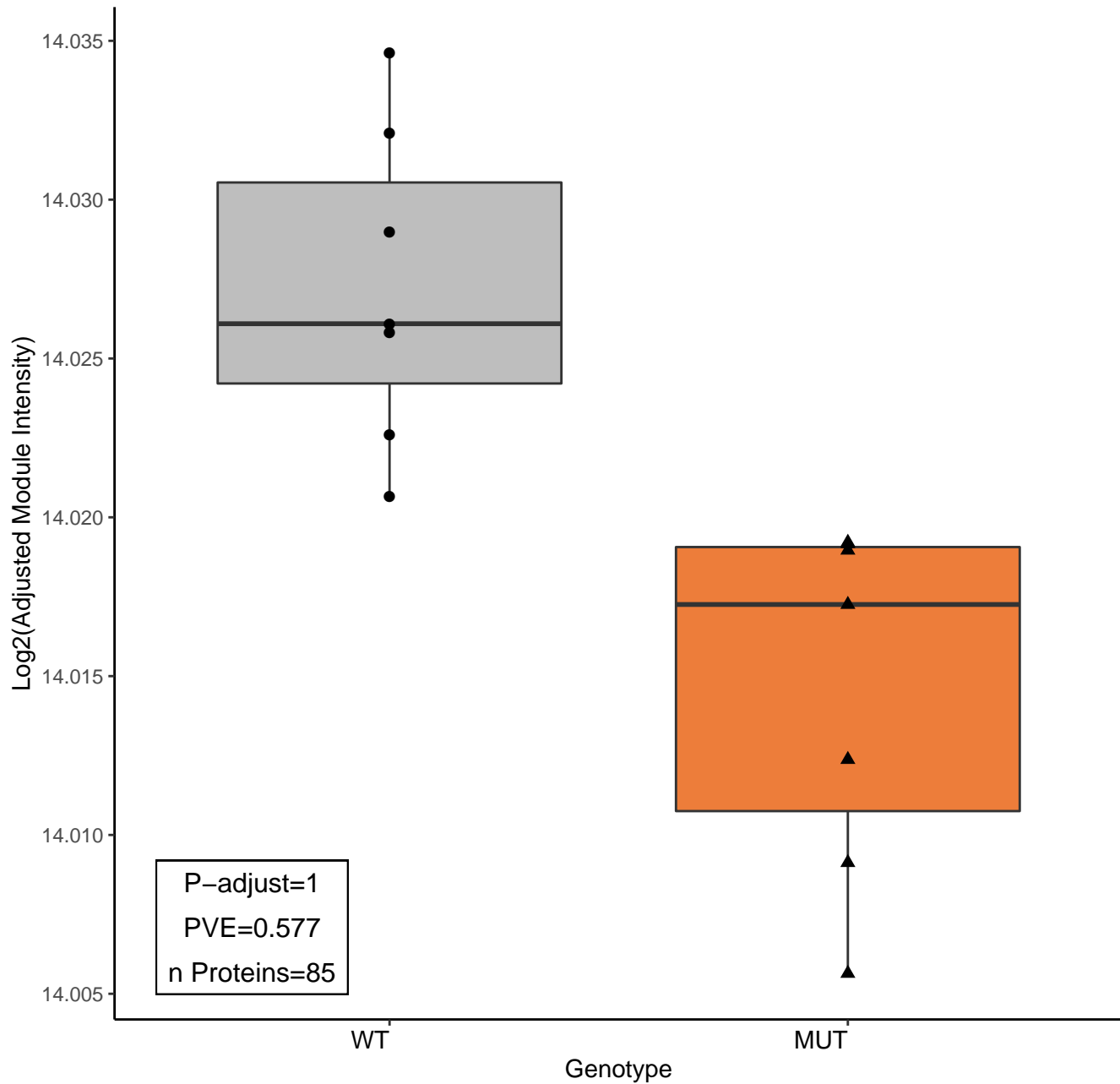


M1

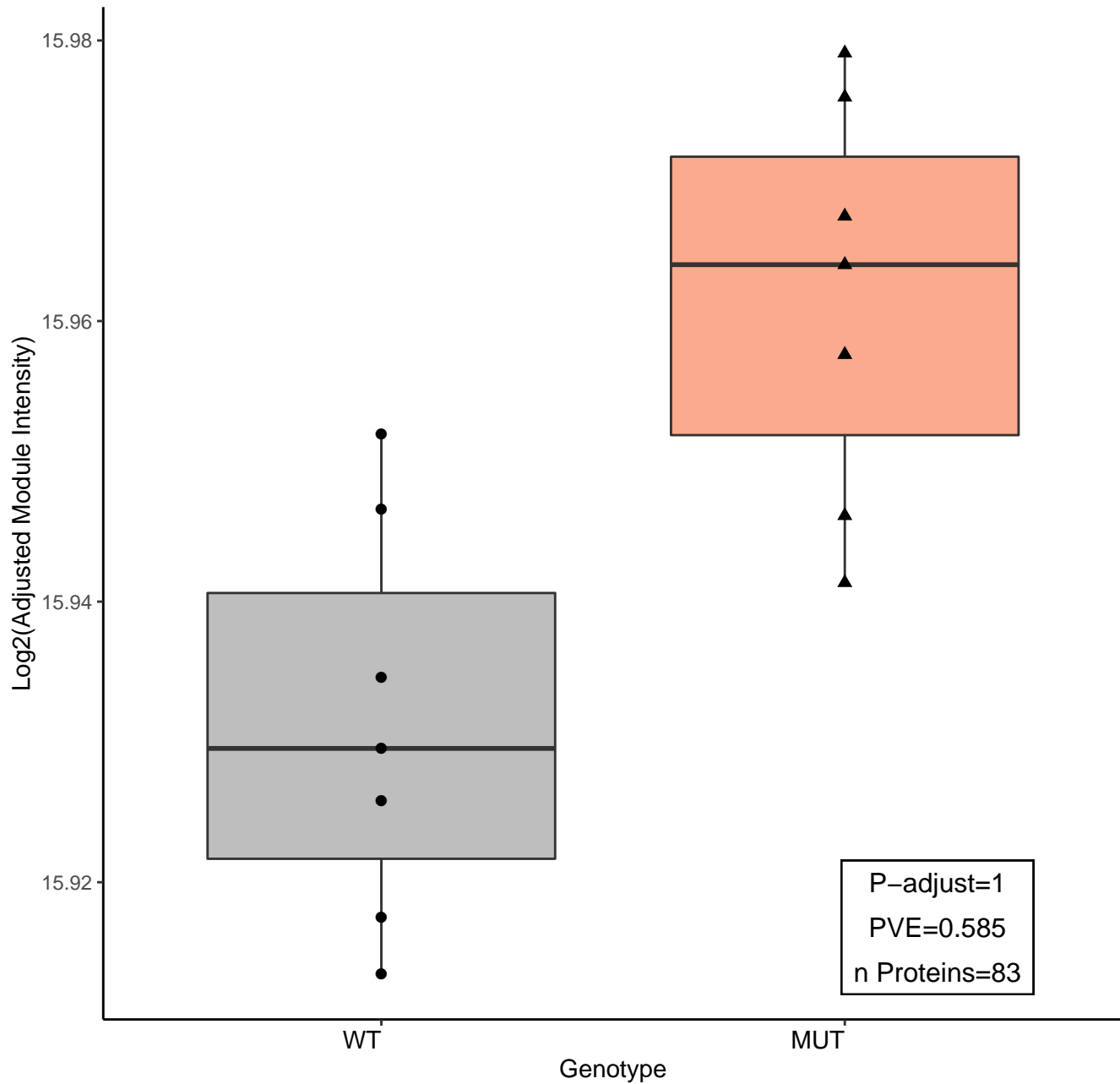




M3



M4



M5

Log2(Adjusted Module Intensity)

13.72

13.71

13.70

13.69

WT

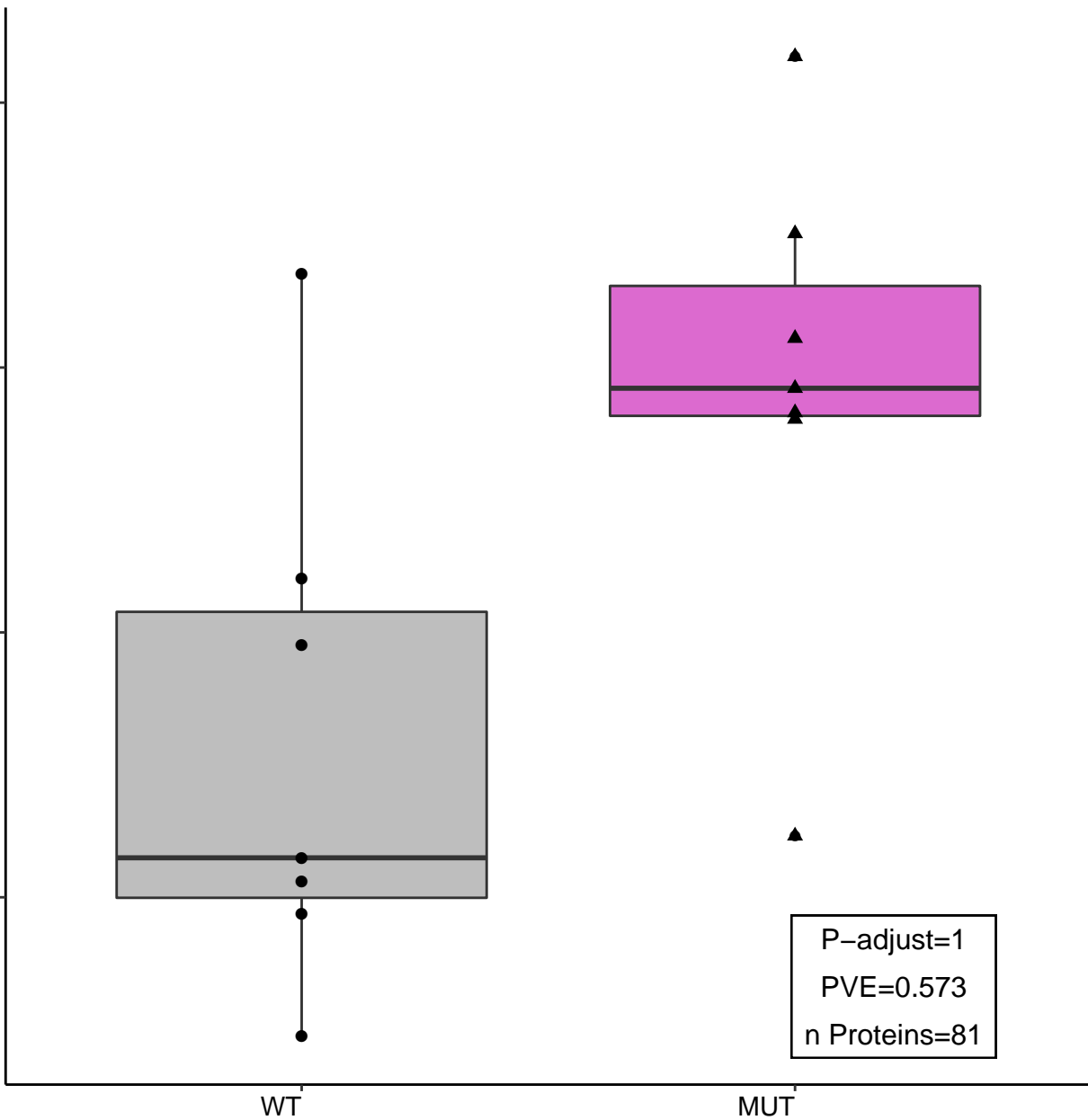
Genotype

MUT

P-adjust=1

PVE=0.573

n Proteins=81



M6

Log2(Adjusted Module Intensity)

14.86

14.84

14.82

14.80

WT

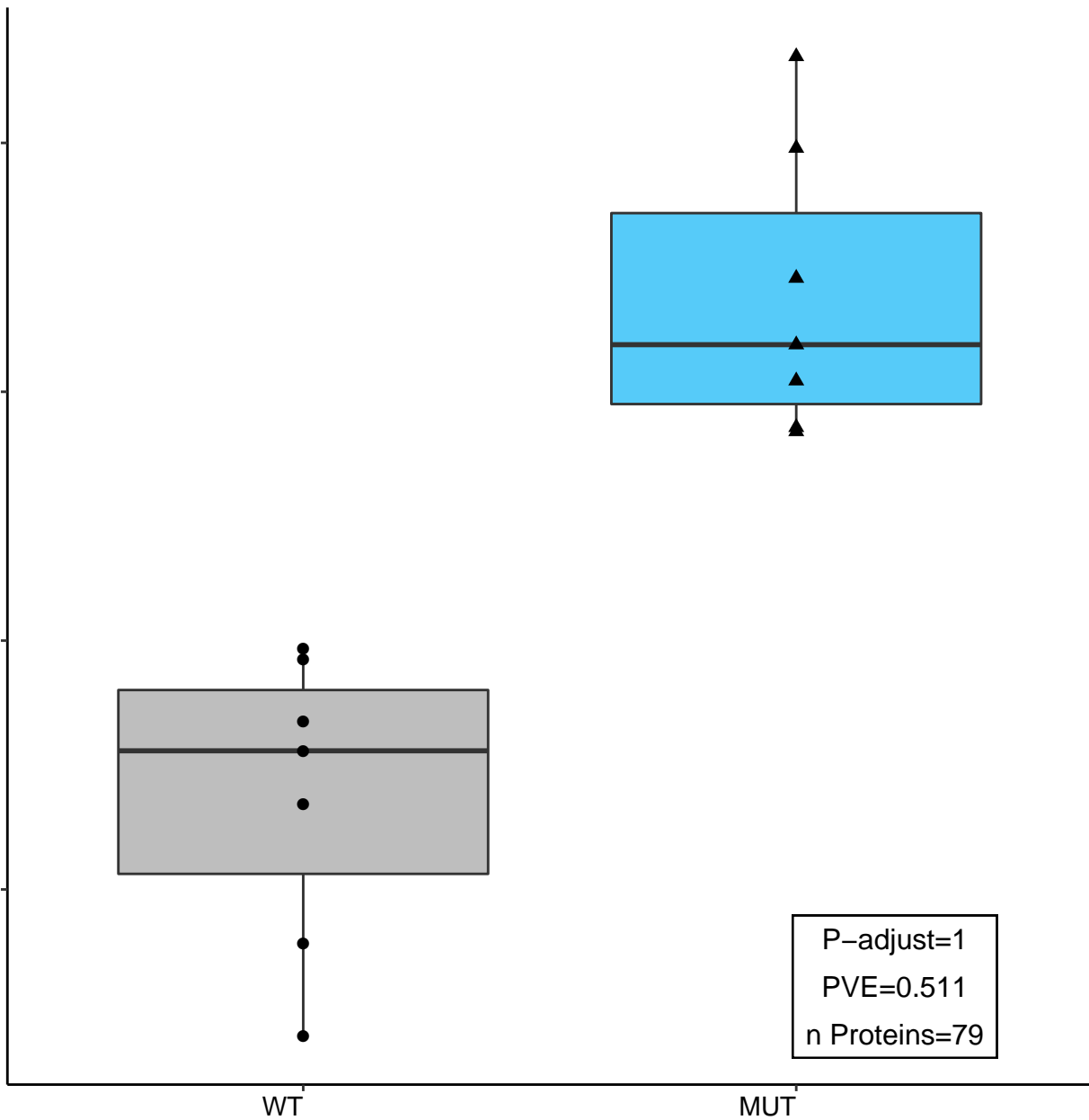
MUT

Genotype

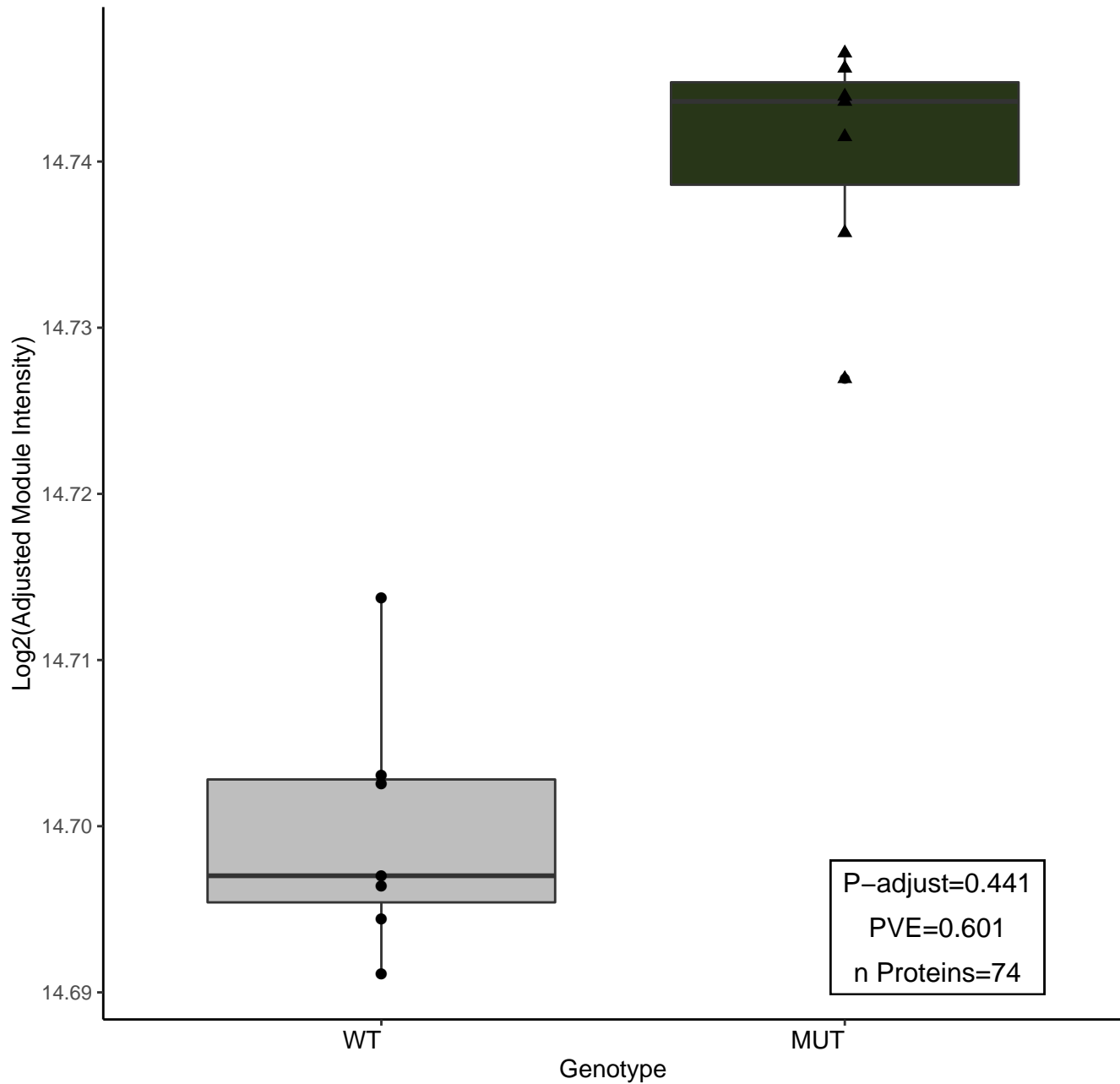
P-adjust=1

PVE=0.511

n Proteins=79



M7



M8

Log2(Adjusted Module Intensity)

13.22

13.20

13.18

WT

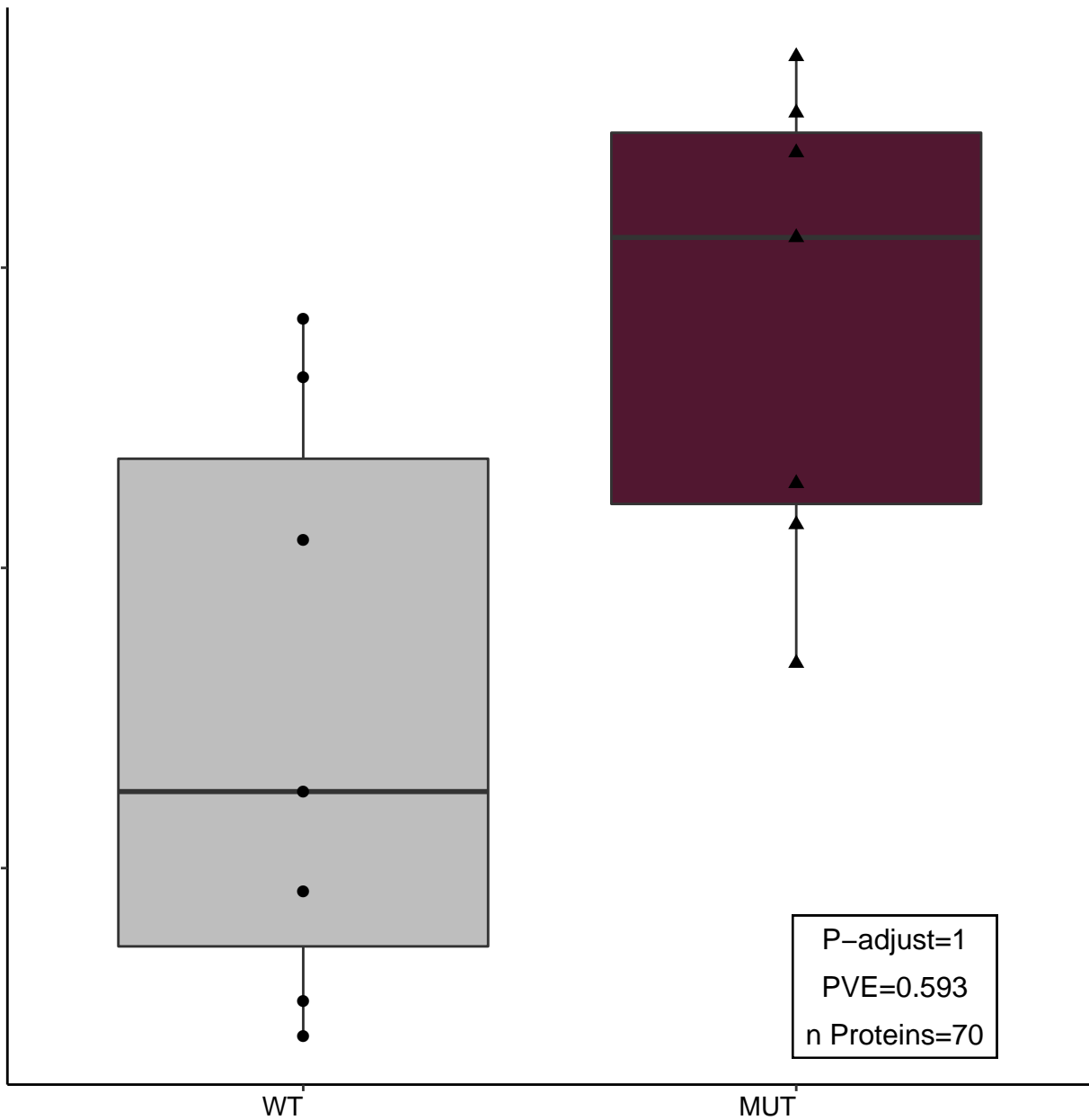
Genotype

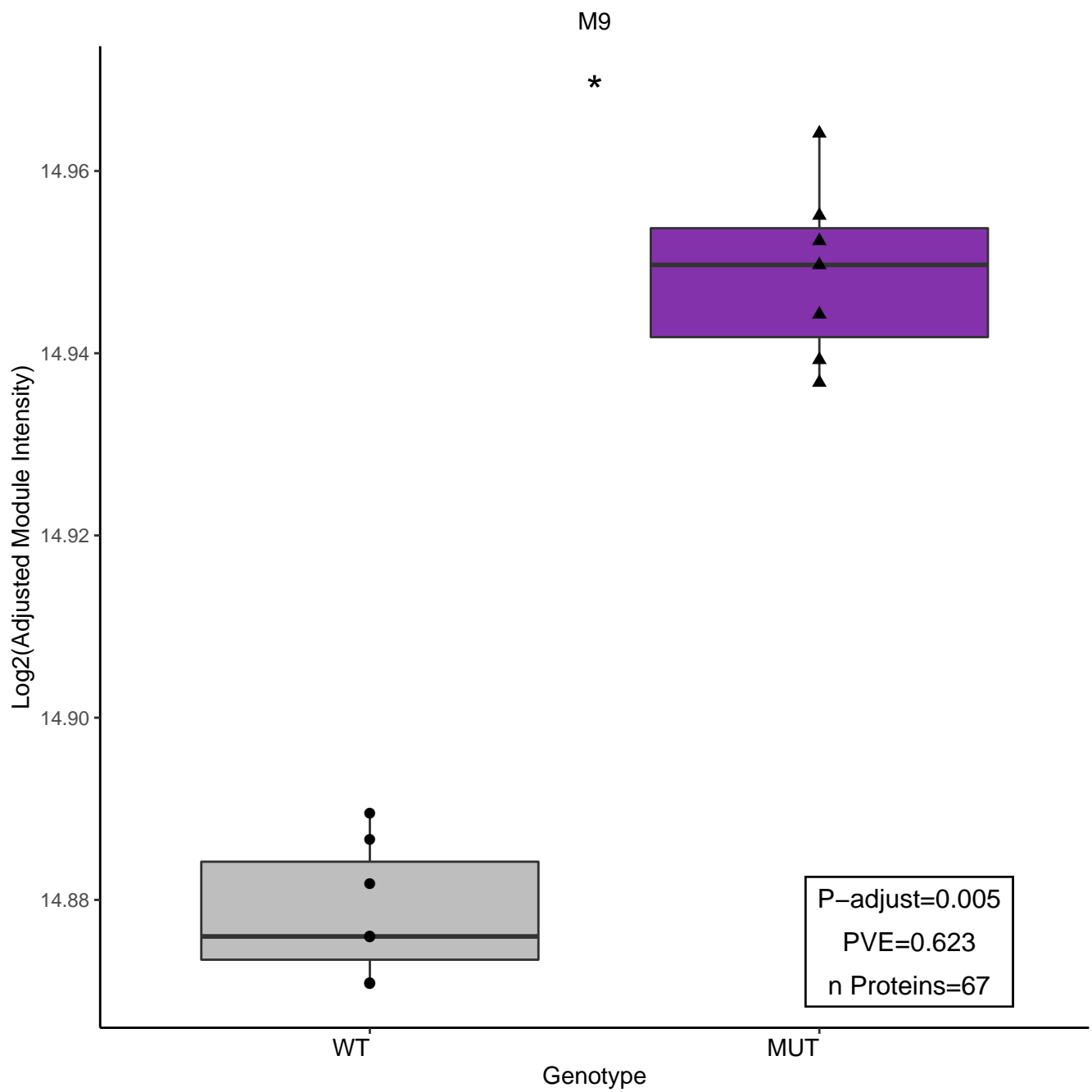
MUT

P-adjust=1

PVE=0.593

n Proteins=70





M10

Log2(Adjusted Module Intensity)

12.25

12.24

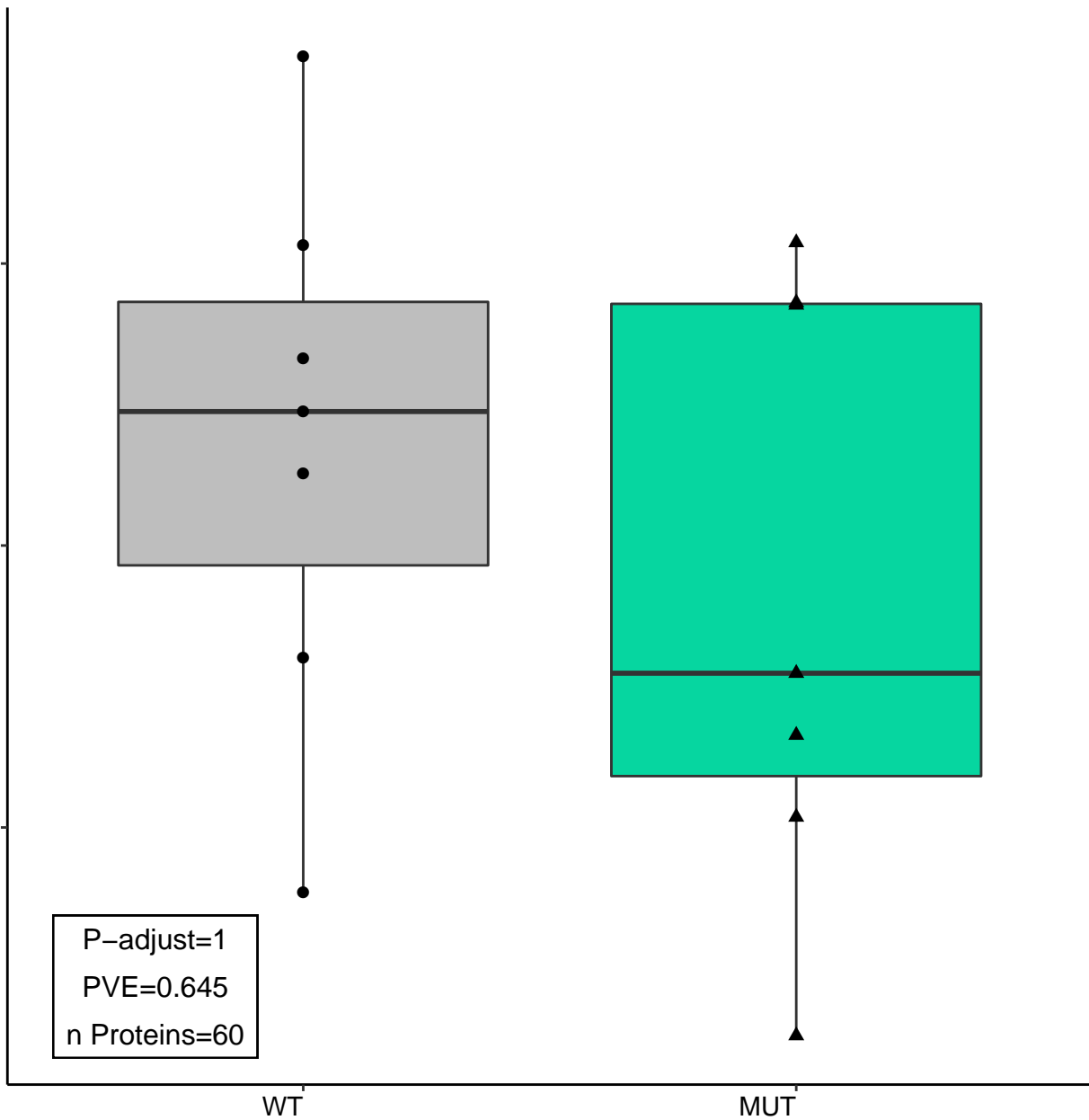
12.23

P-adjust=1
PVE=0.645
n Proteins=60

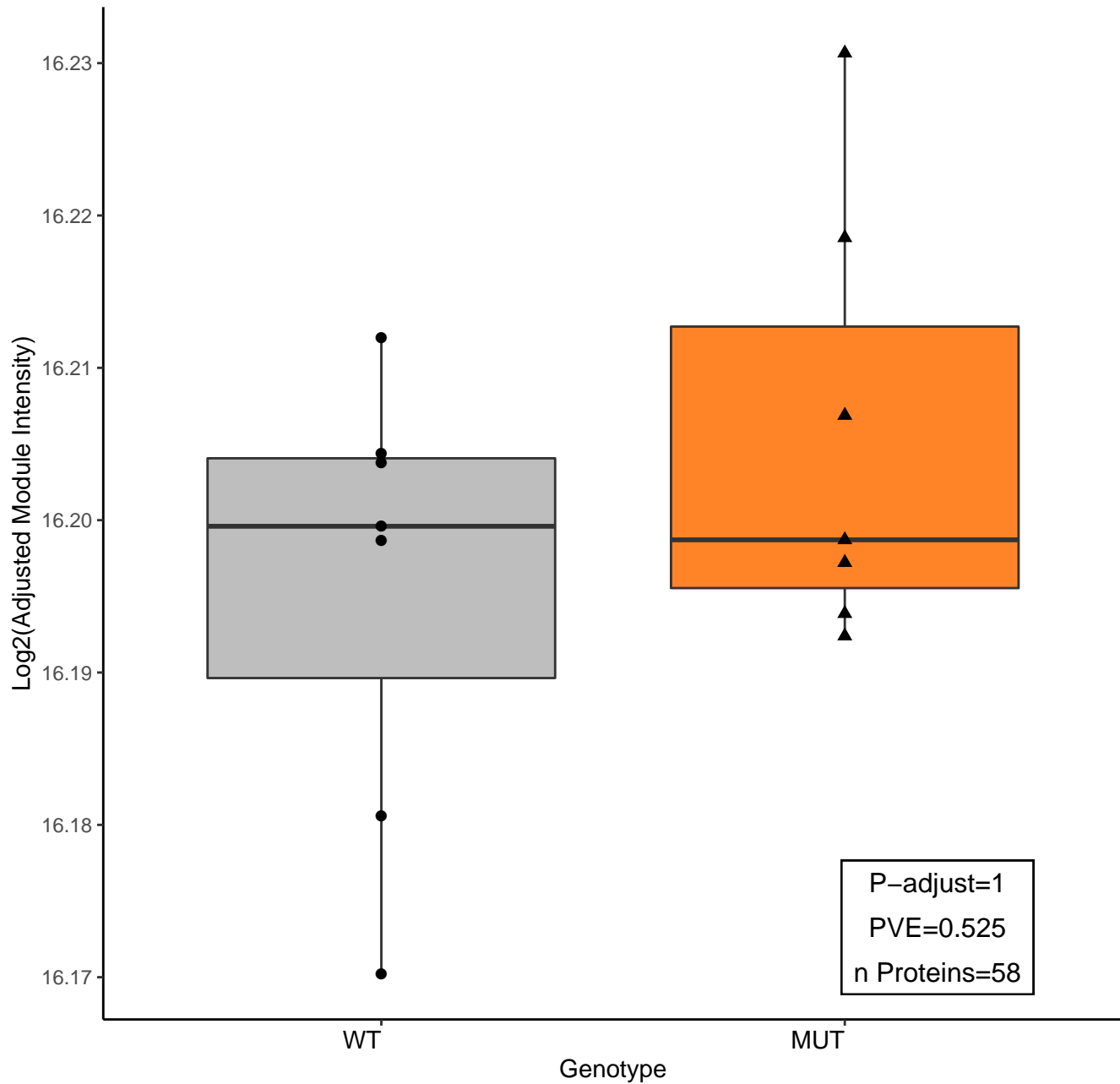
WT

Genotype

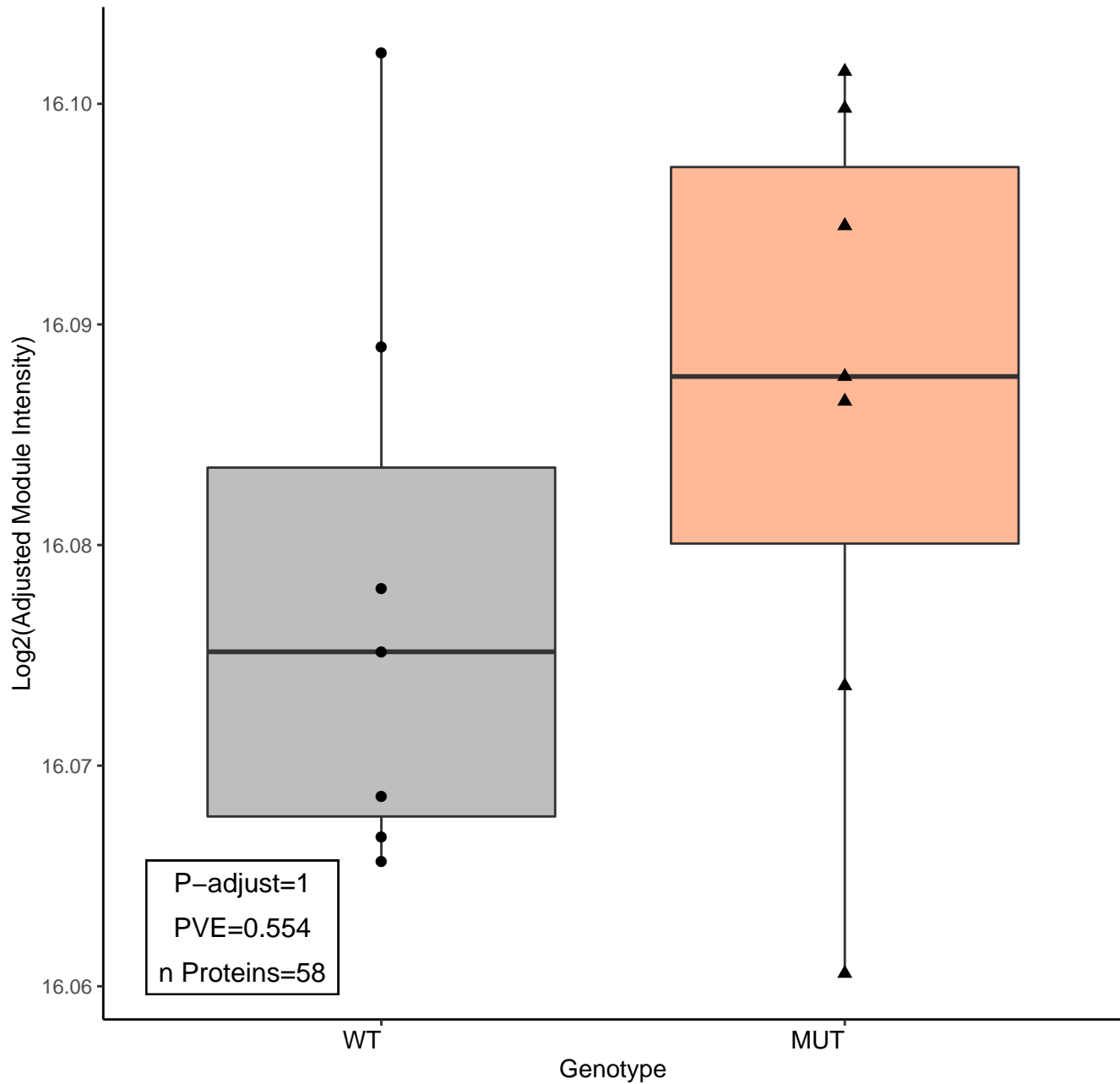
MUT



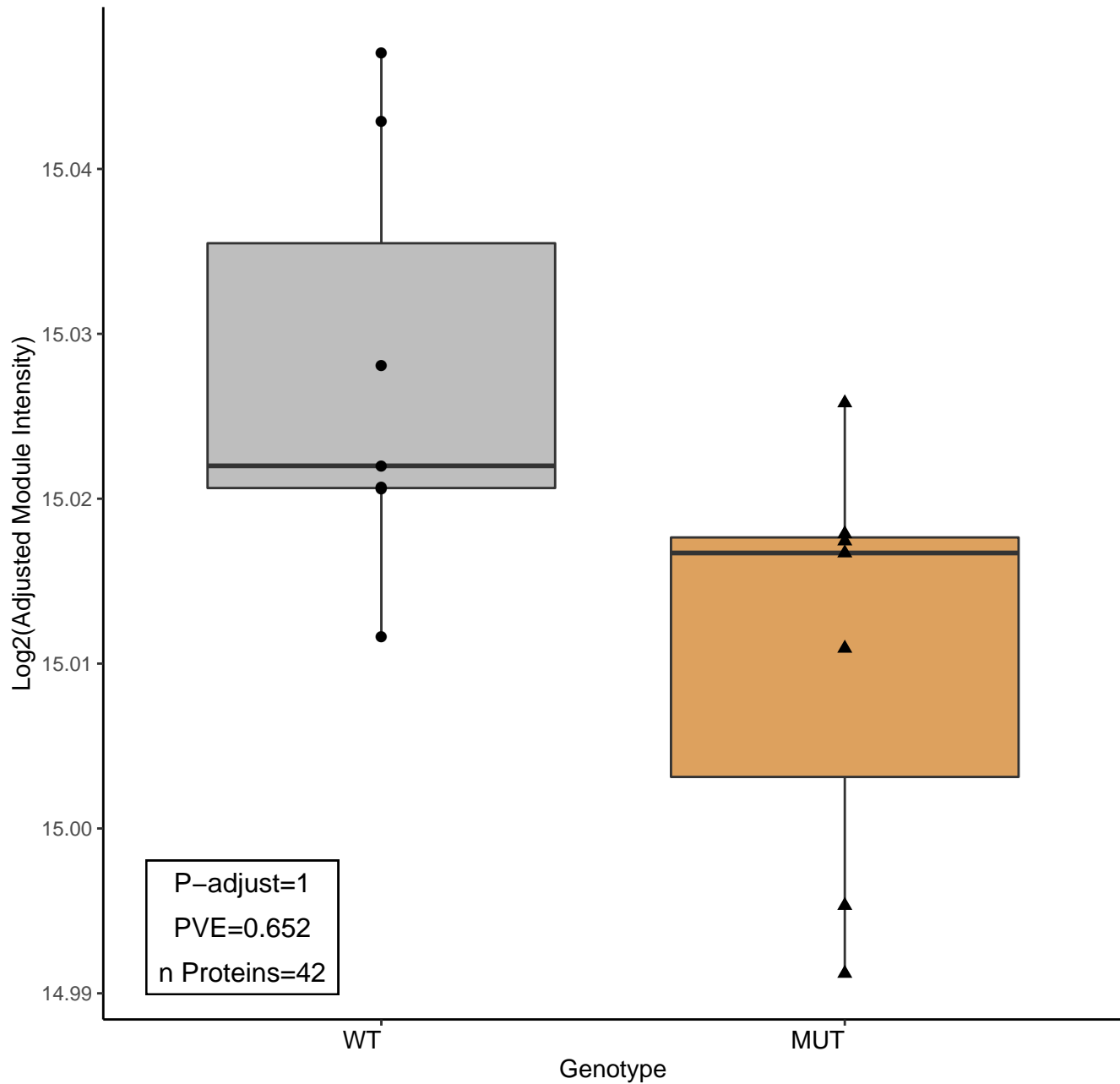
M11

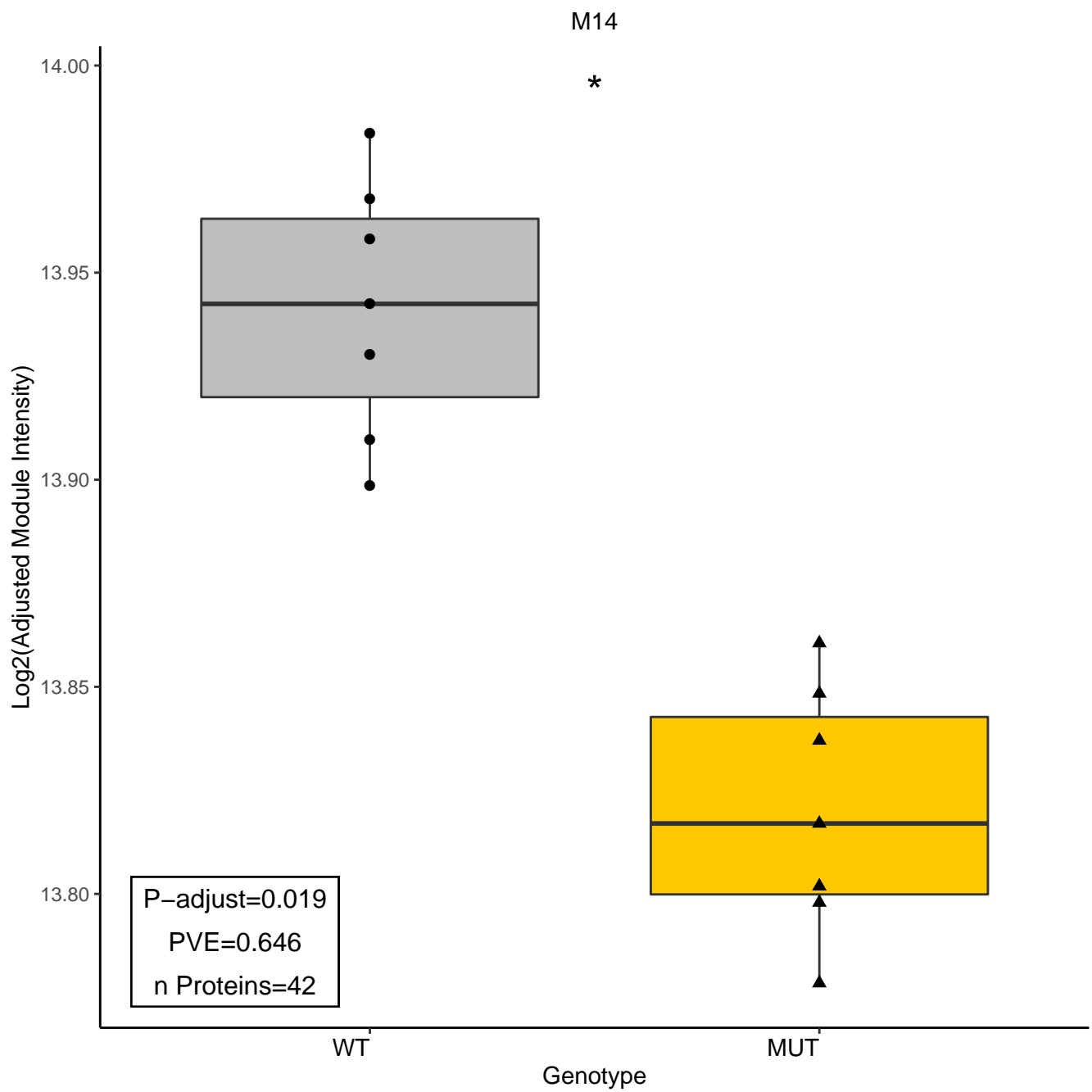


M12



M13





M15

Log2(Adjusted Module Intensity)

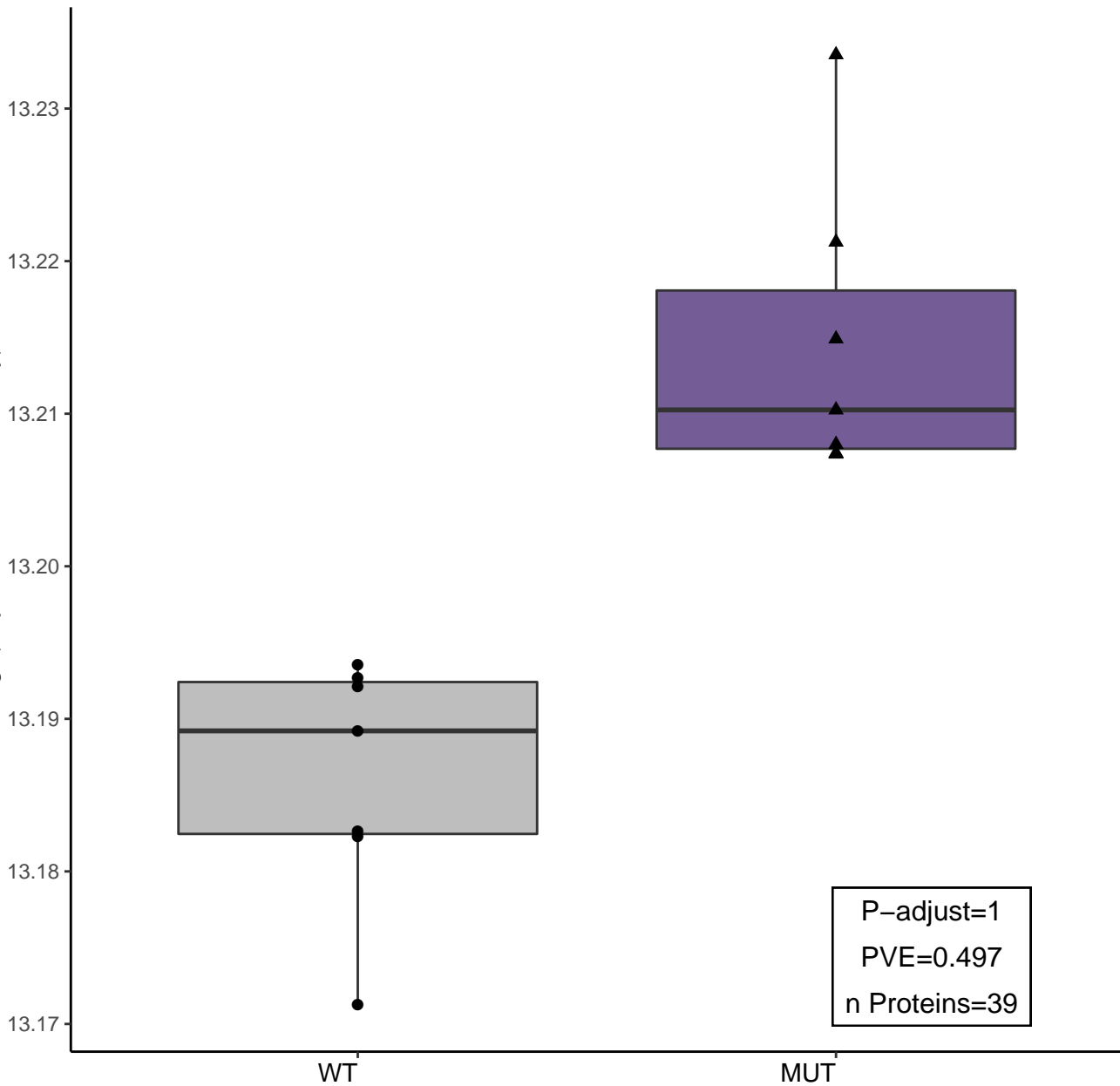
13.23
13.22
13.21
13.20
13.19
13.18
13.17

WT

MUT

Genotype

P-adjust=1
PVE=0.497
n Proteins=39



M16

Log2(Adjusted Module Intensity)

12.26

12.28

12.30

12.32

12.34

WT

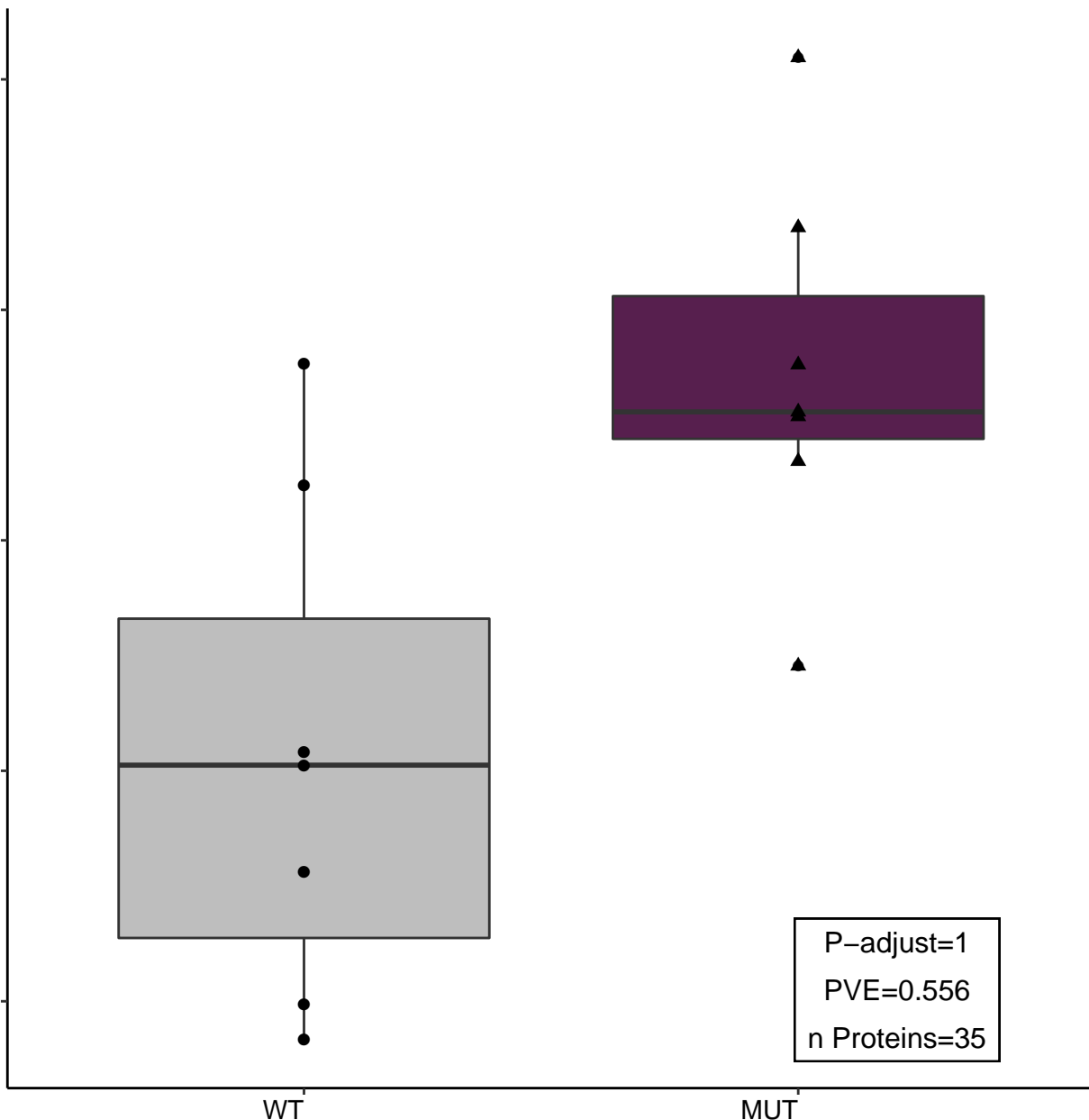
Genotype

MUT

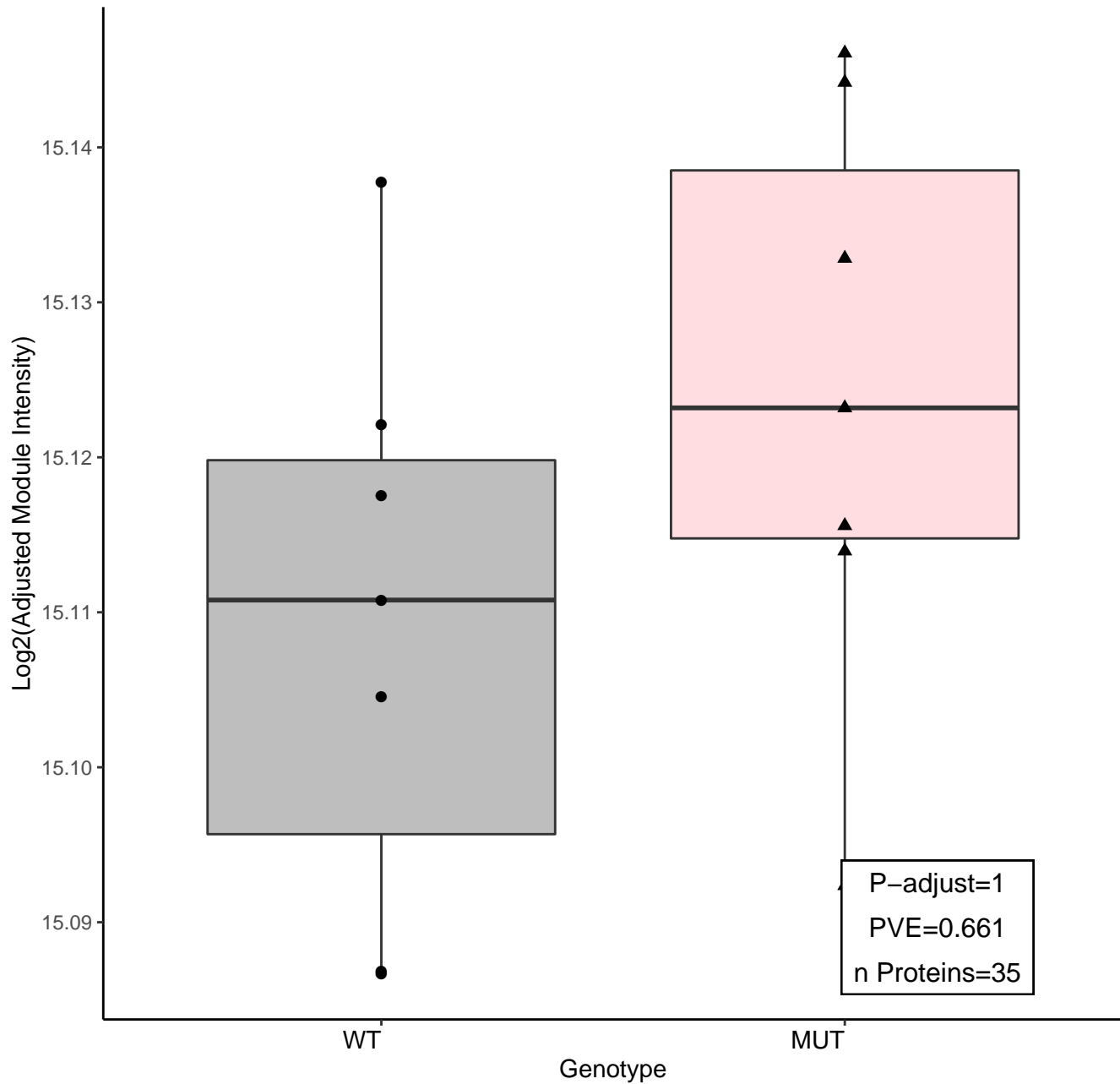
P-adjust=1

PVE=0.556

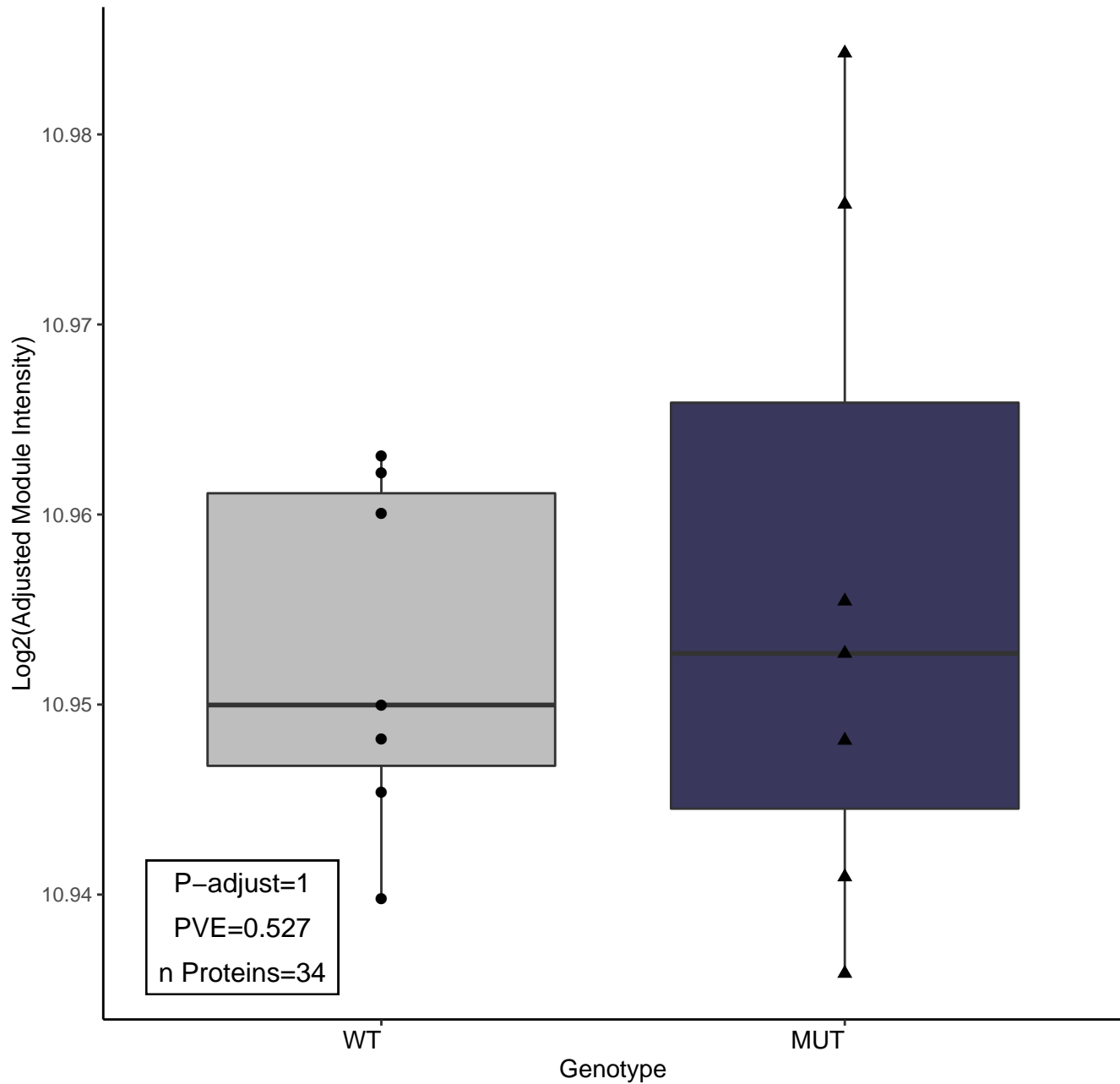
n Proteins=35



M17



M18



M19

**

Log2(Adjusted Module Intensity)

13.25

13.20

13.15

13.10

13.05

13.00

12.95

P-adjust=0.001

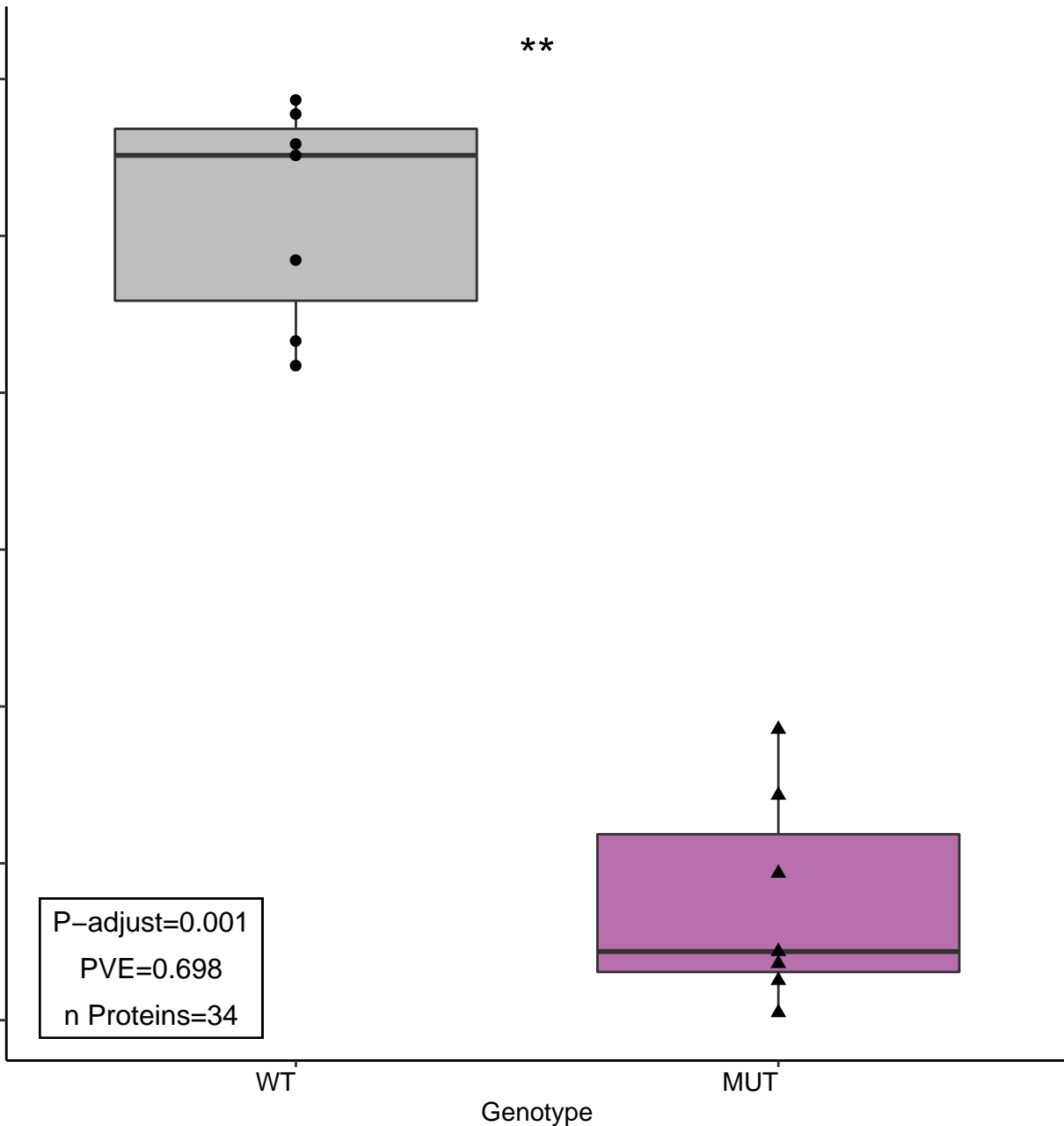
PVE=0.698

n Proteins=34

WT

Genotype

MUT



M20

Log2(Adjusted Module Intensity)

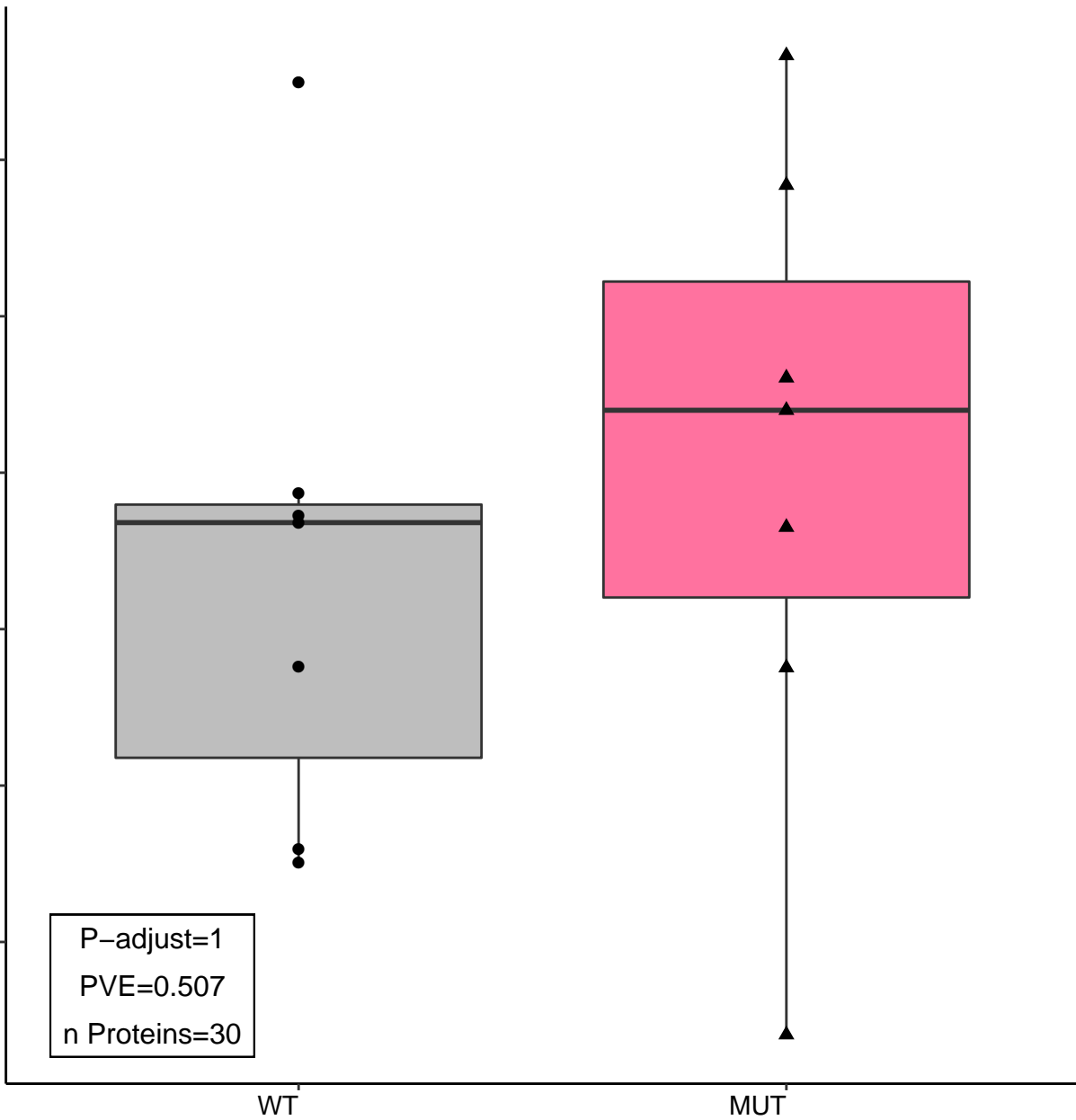
14.455
14.450
14.445
14.440
14.435
14.430

P-adjust=1
PVE=0.507
n Proteins=30

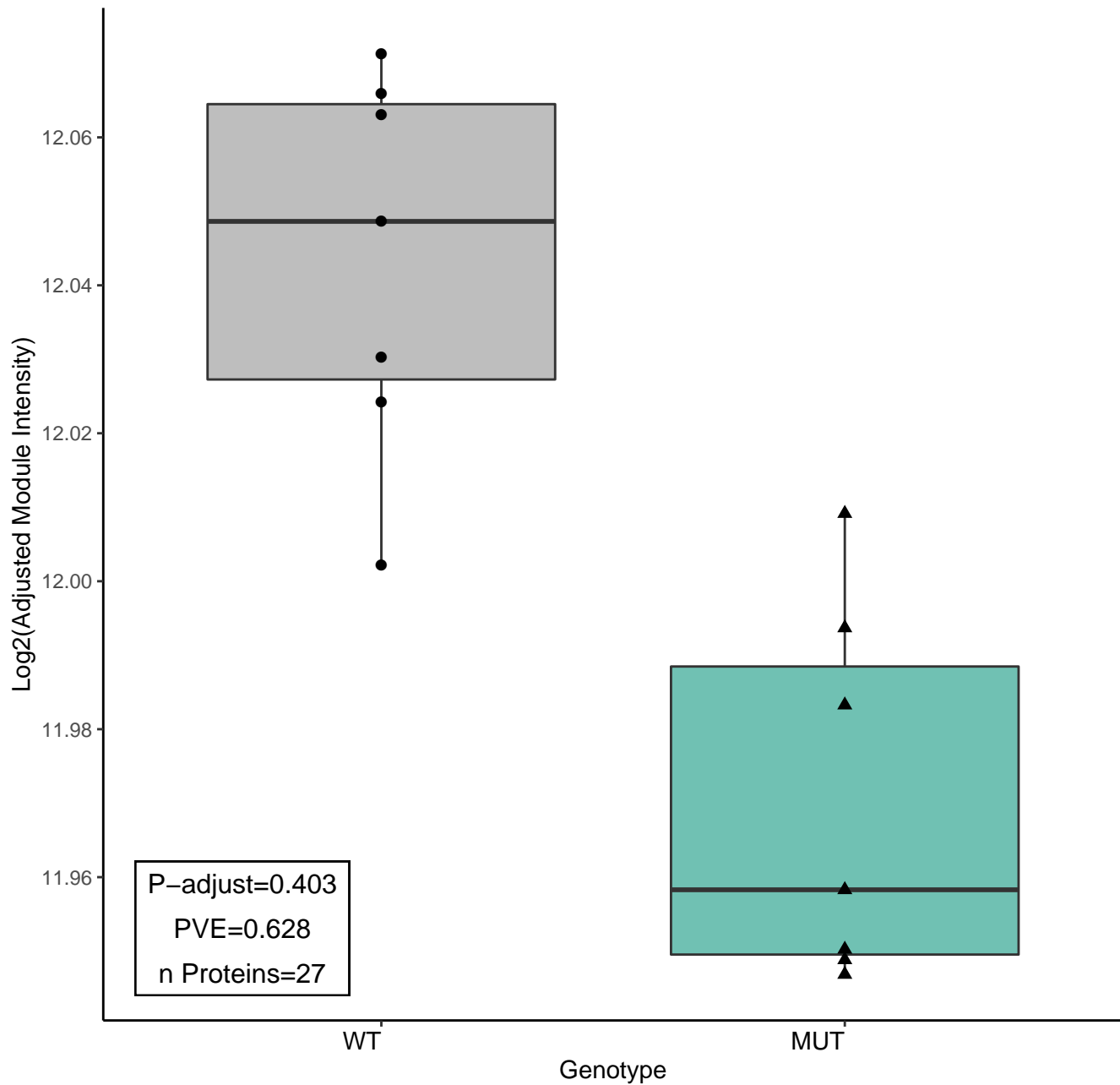
WT

Genotype

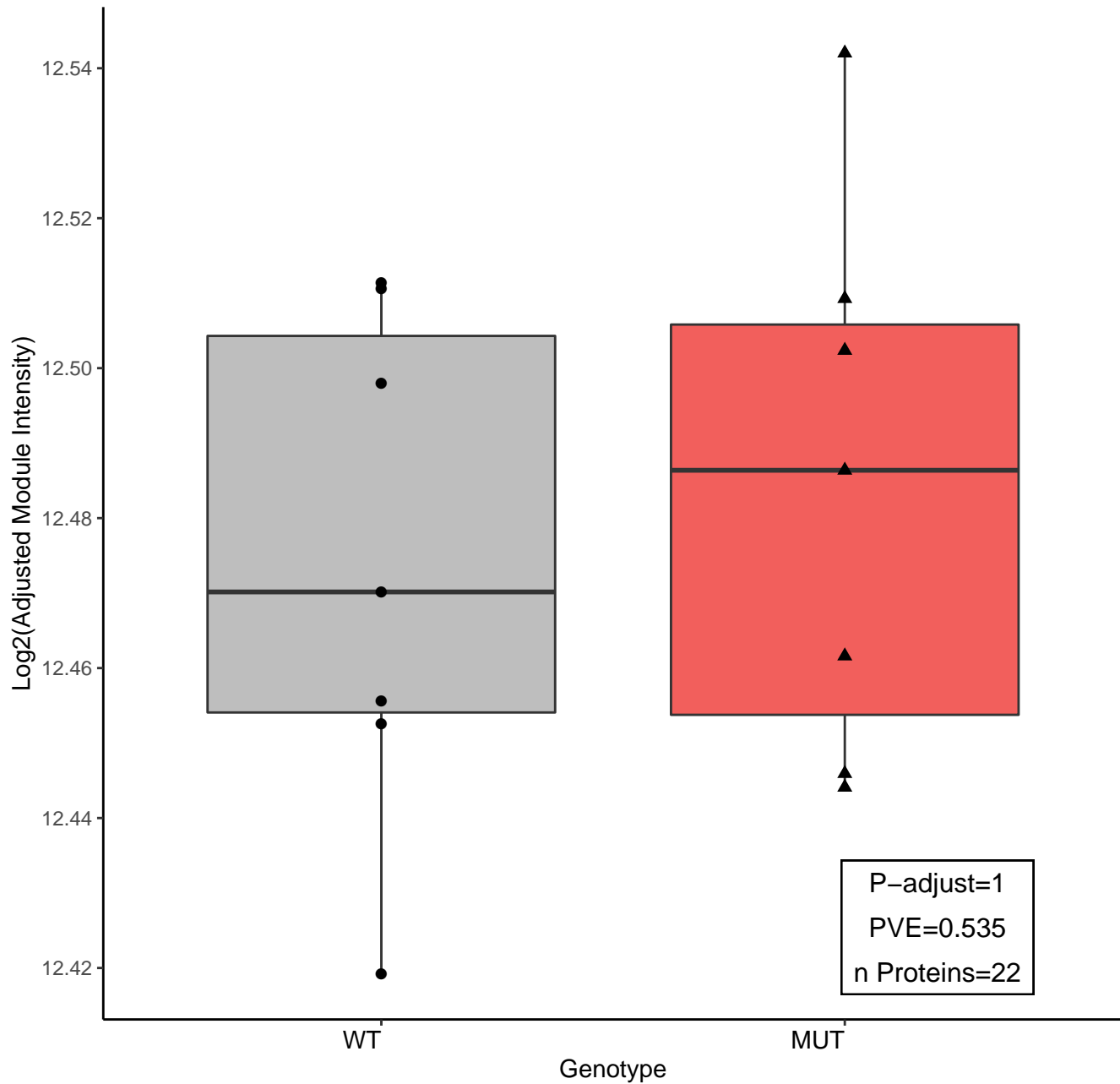
MUT

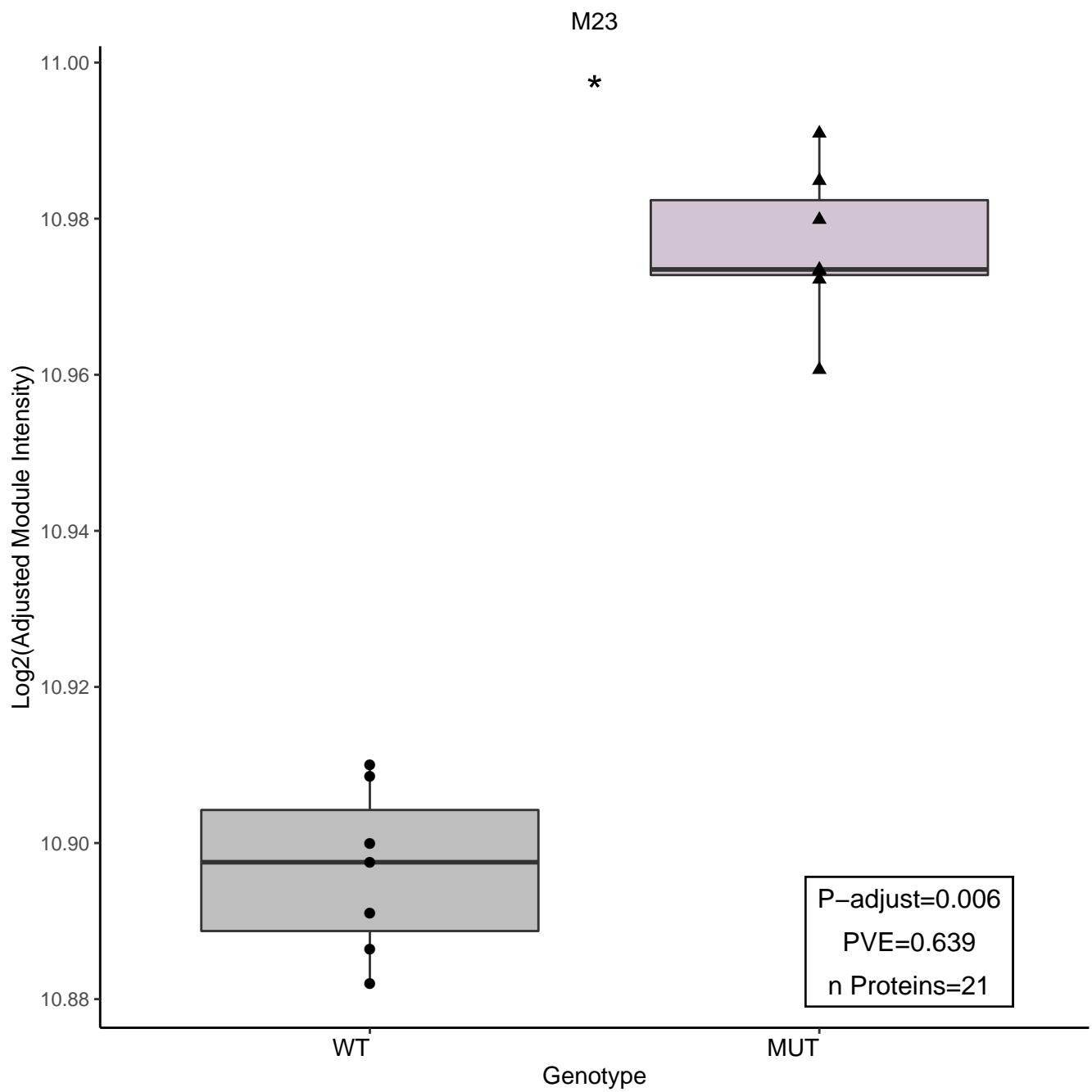


M21

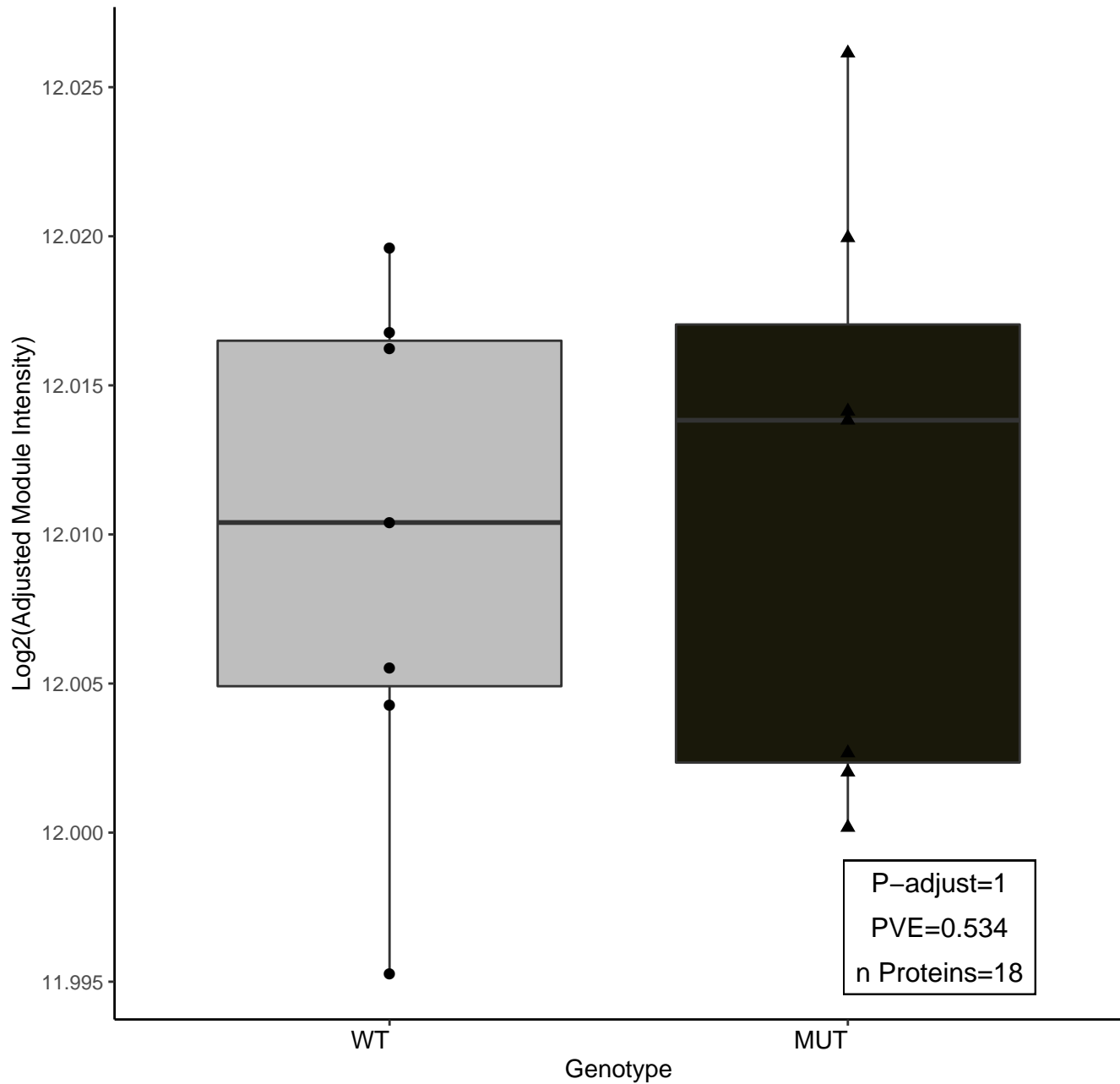


M22

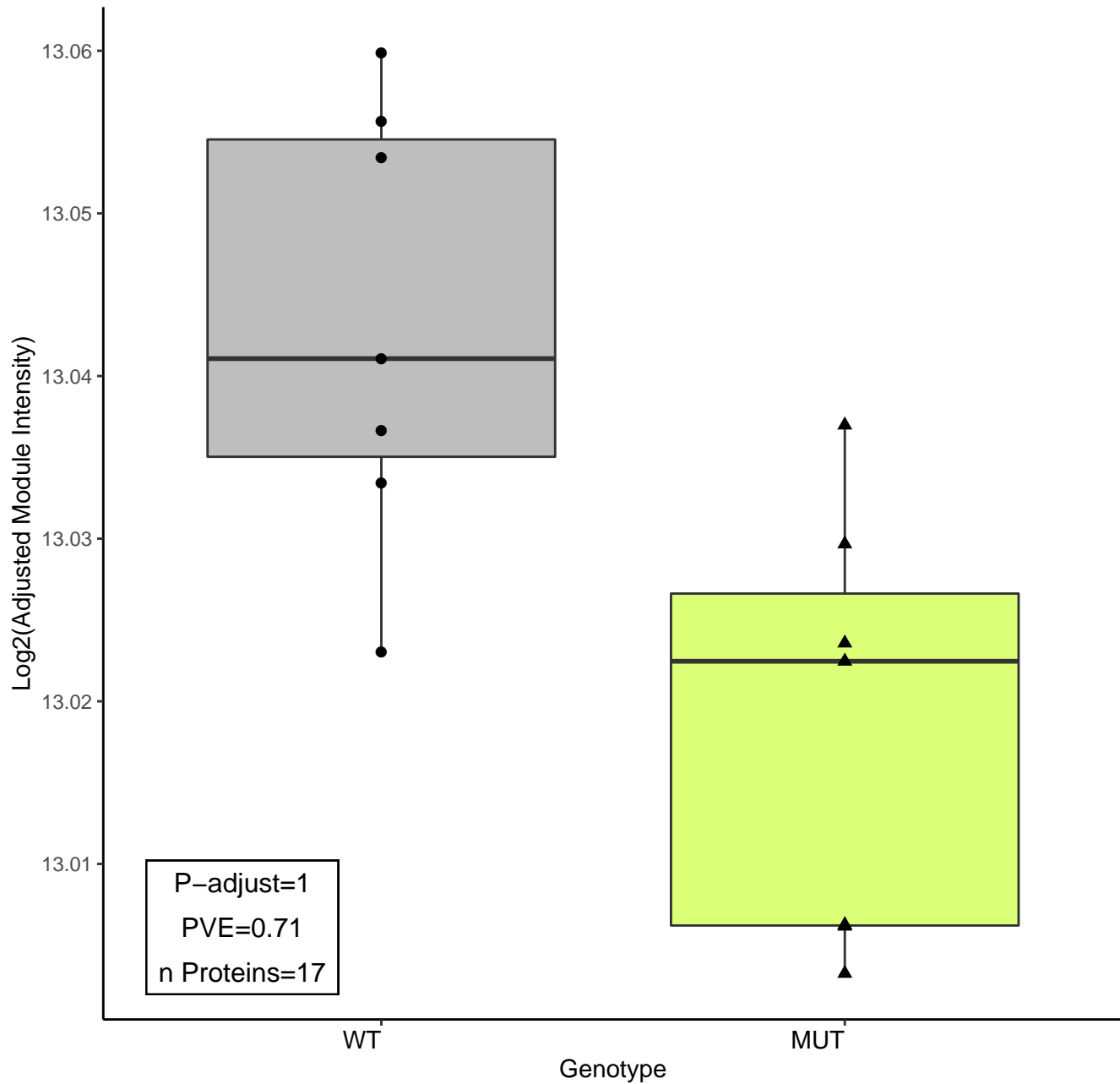




M24



M25



M26

Log2(Adjusted Module Intensity)

11.51

11.50

11.49

11.48

11.47

WT

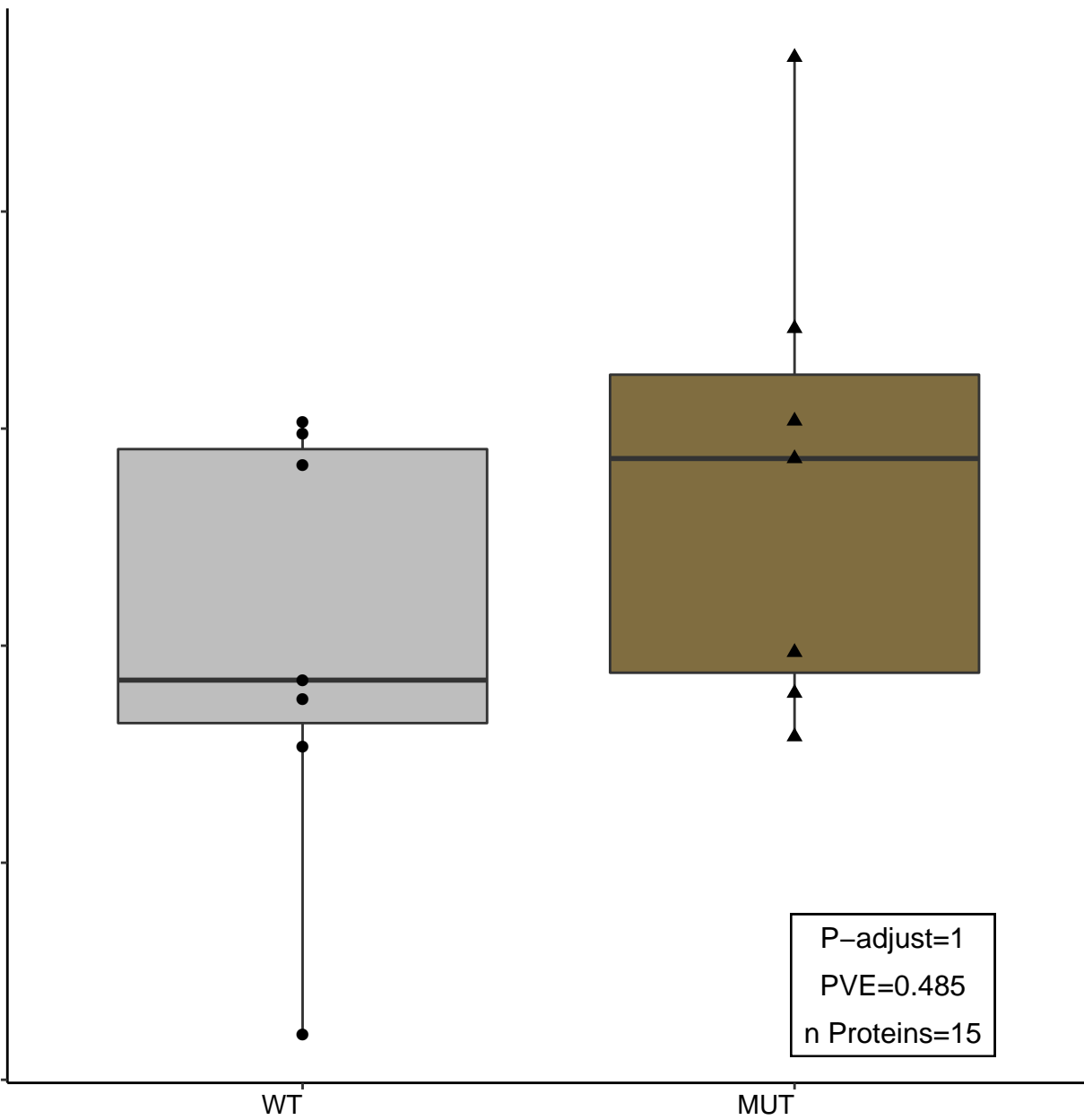
MUT

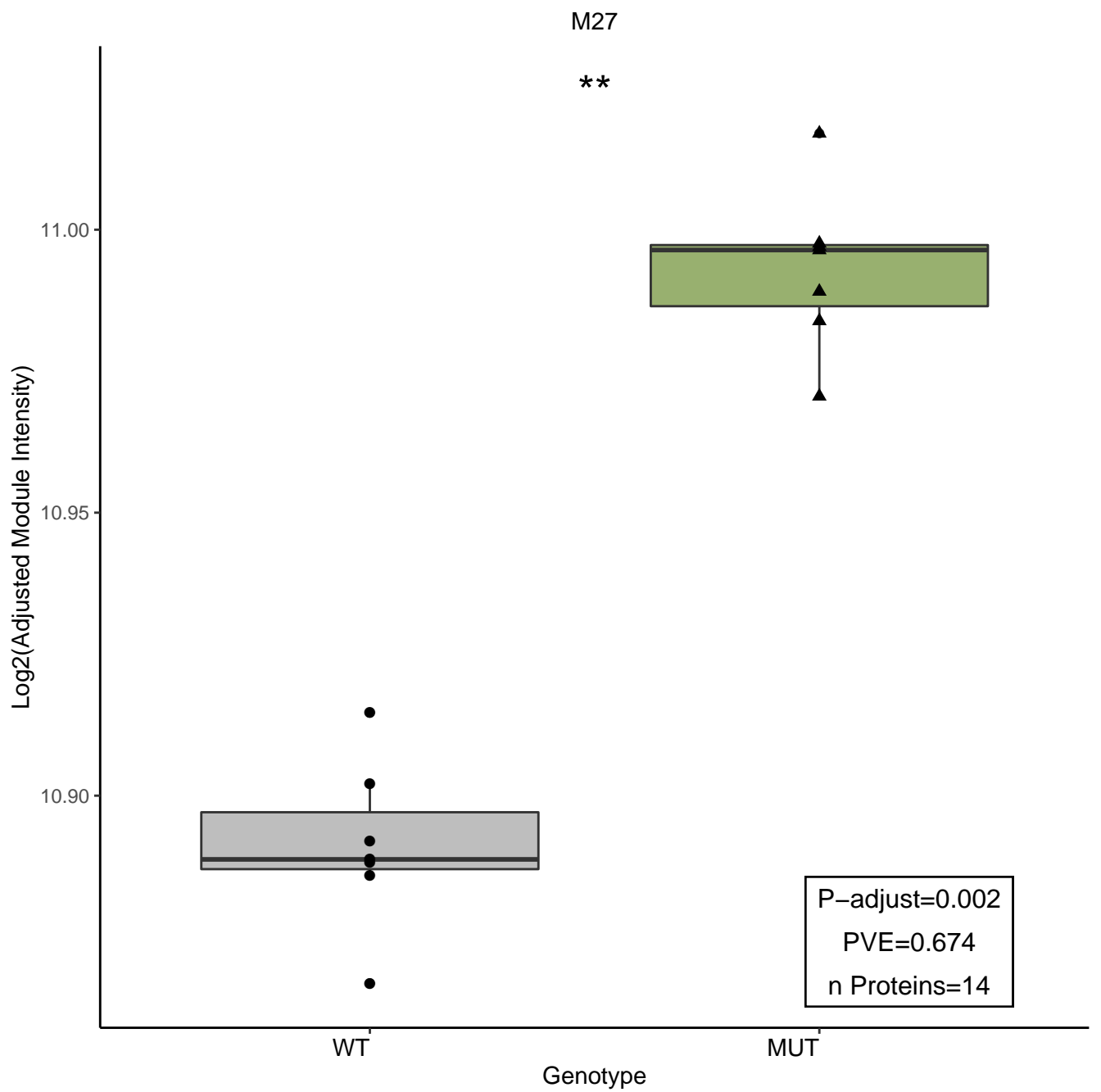
Genotype

P-adjust=1

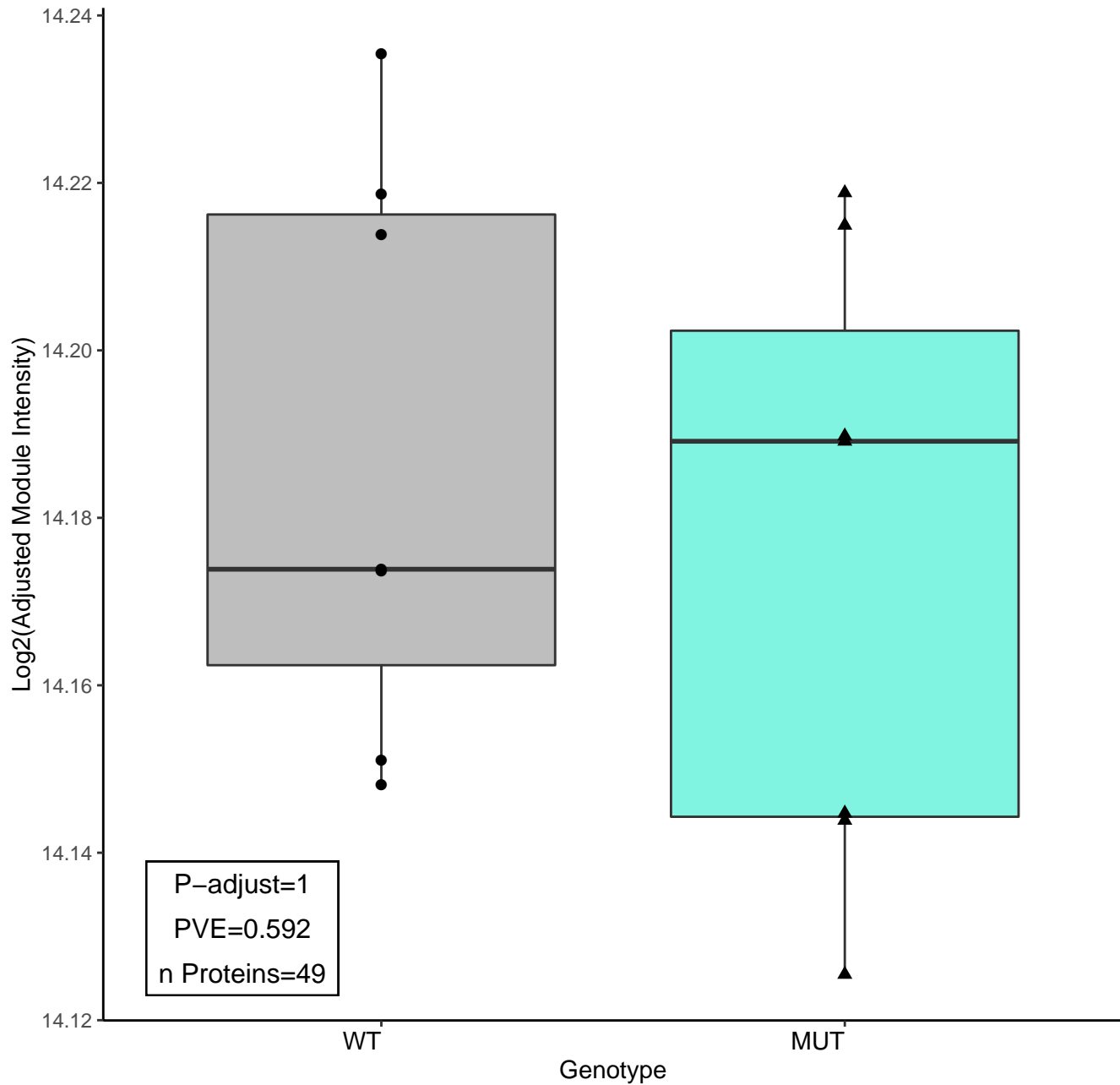
PVE=0.485

n Proteins=15

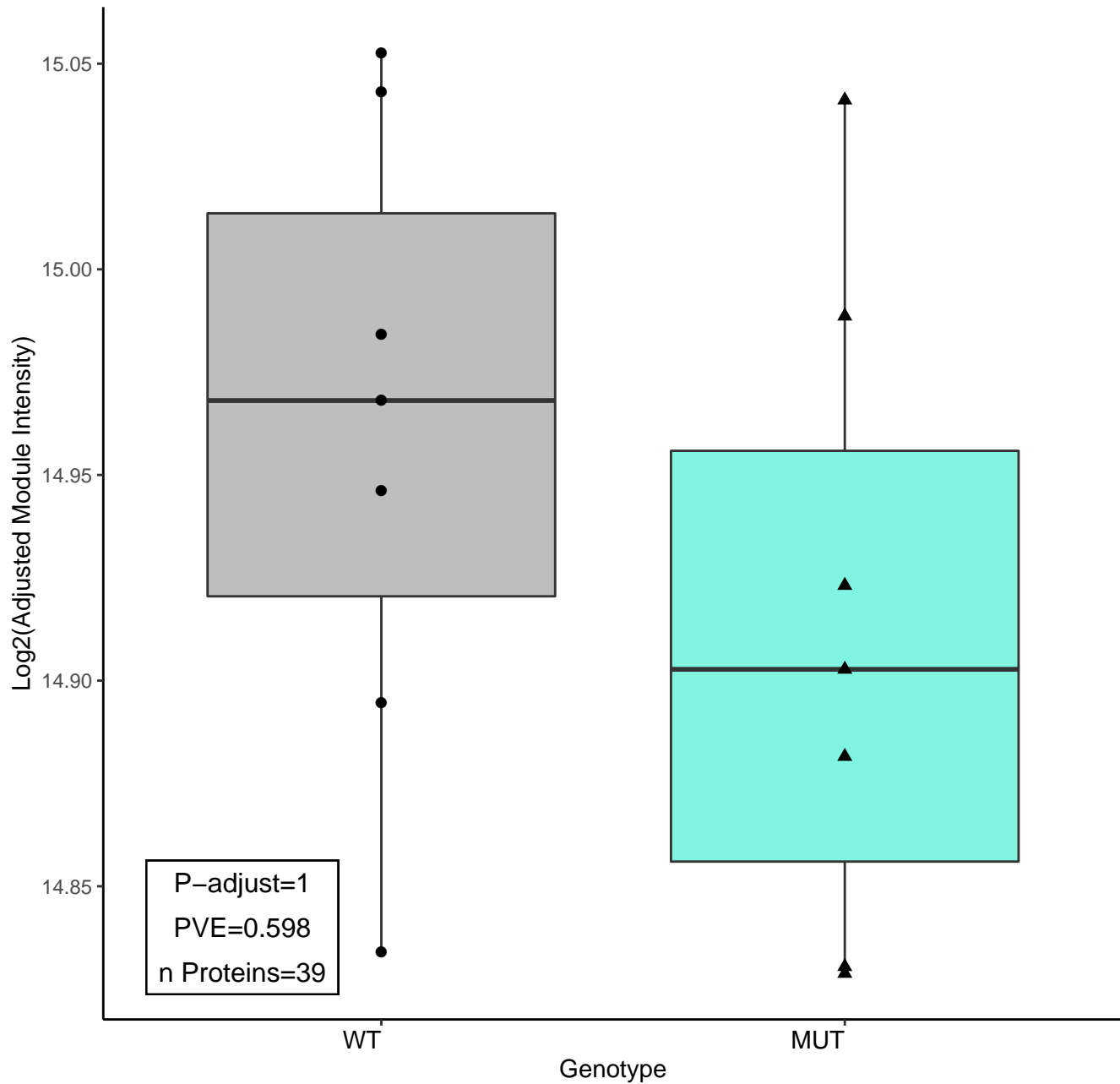




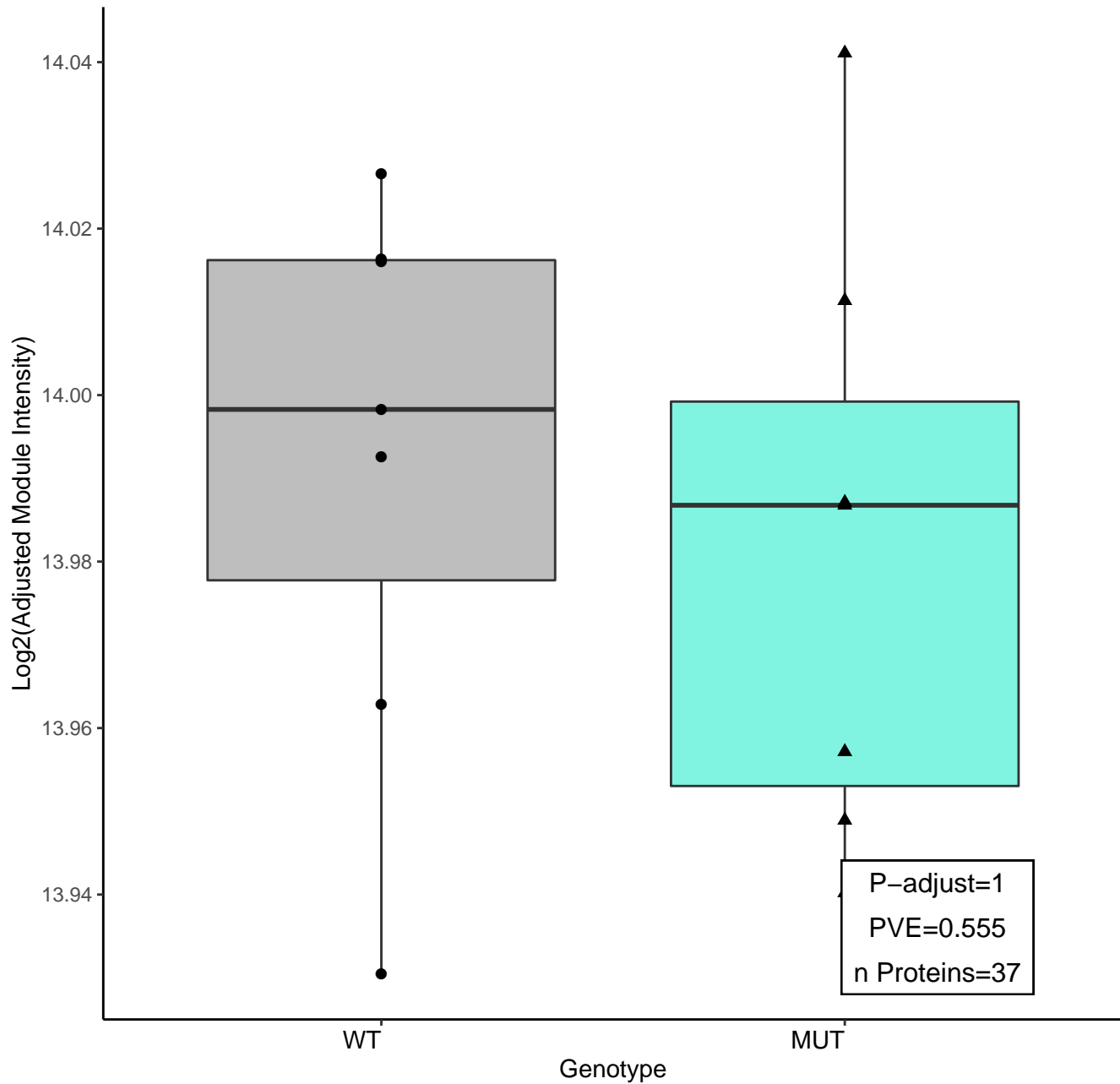
M28



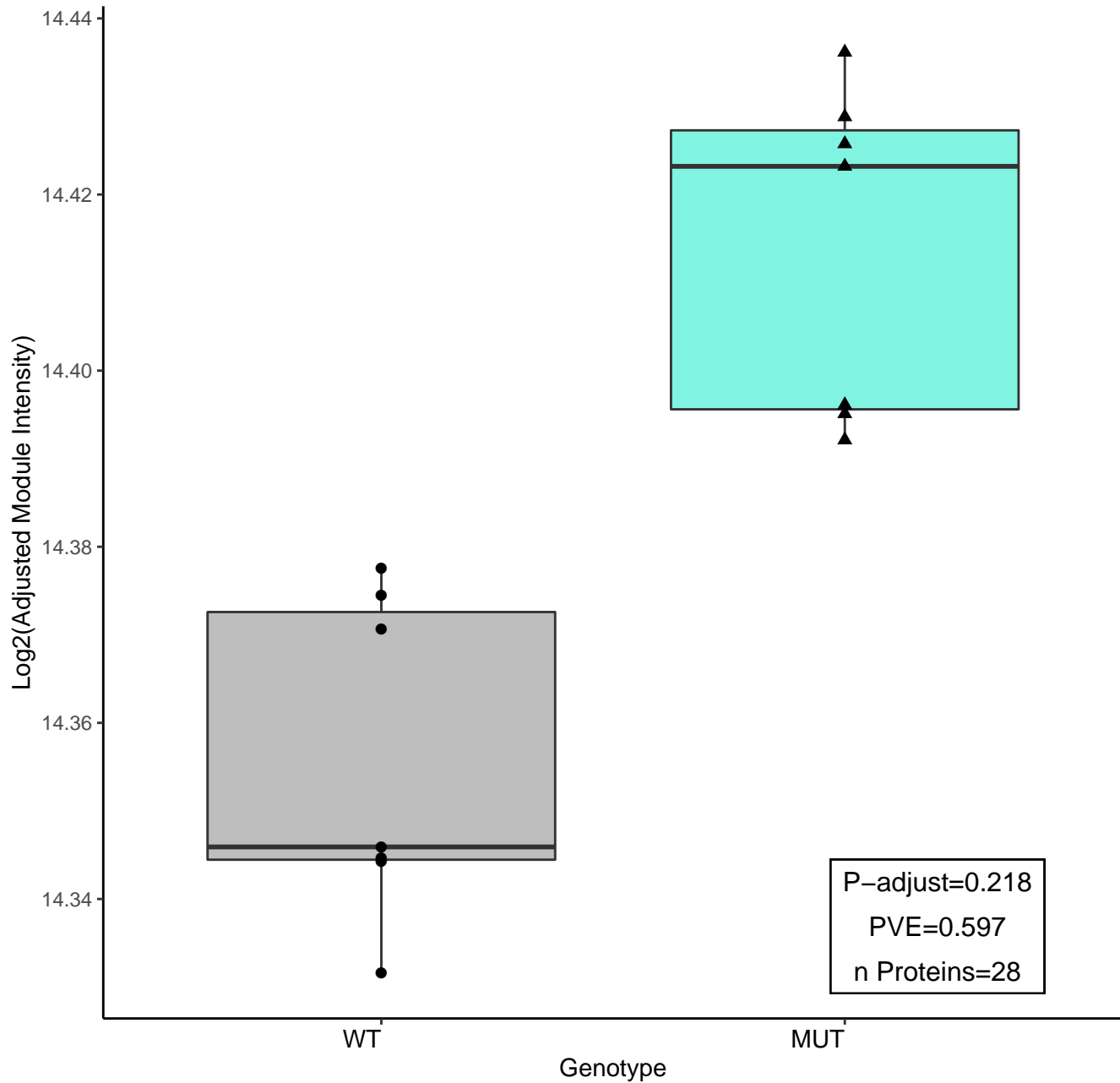
M29



M30



M31



M32

Log2(Adjusted Module Intensity)

12.45

12.40

12.35

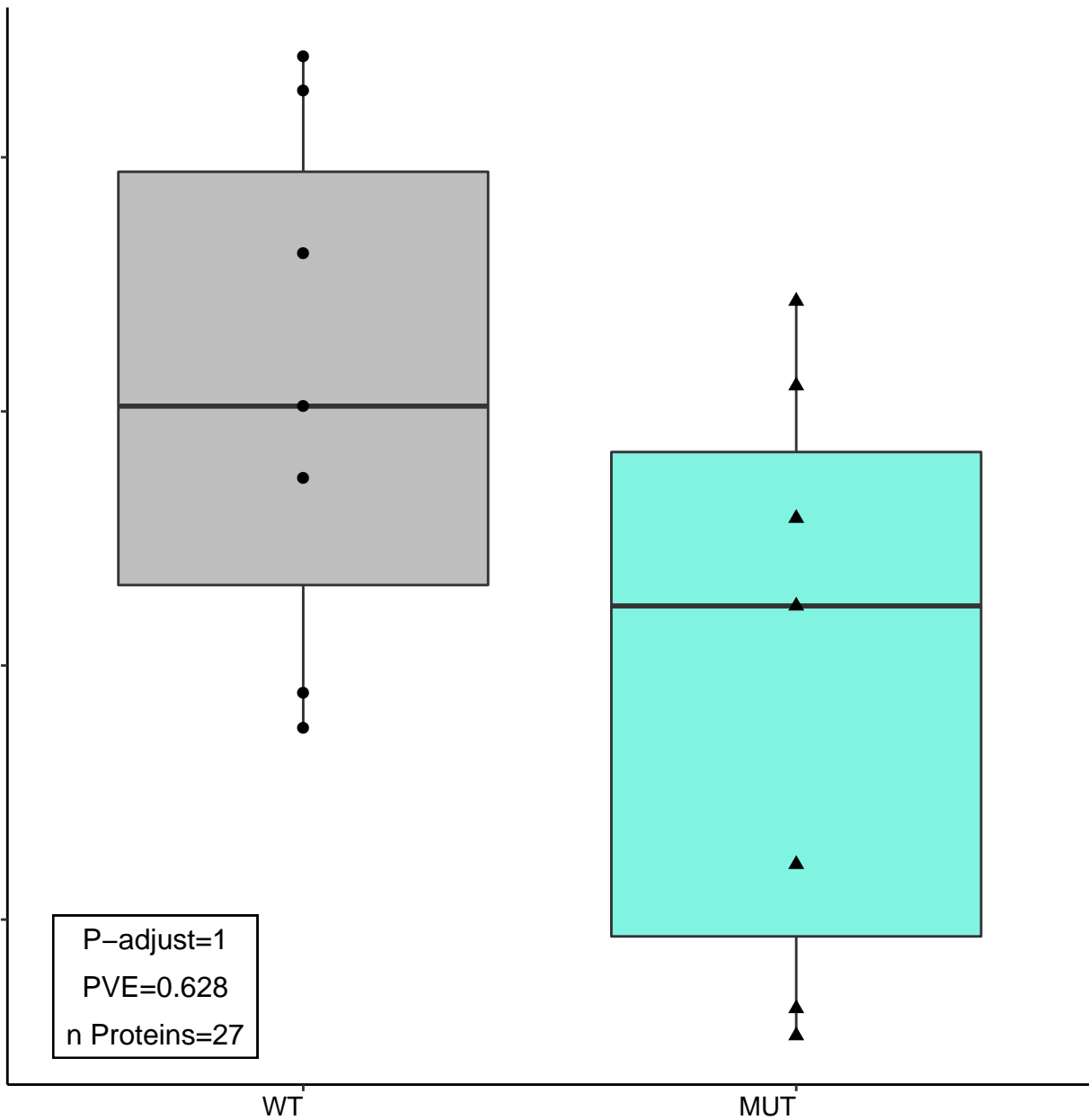
12.30

P-adjust=1
PVE=0.628
n Proteins=27

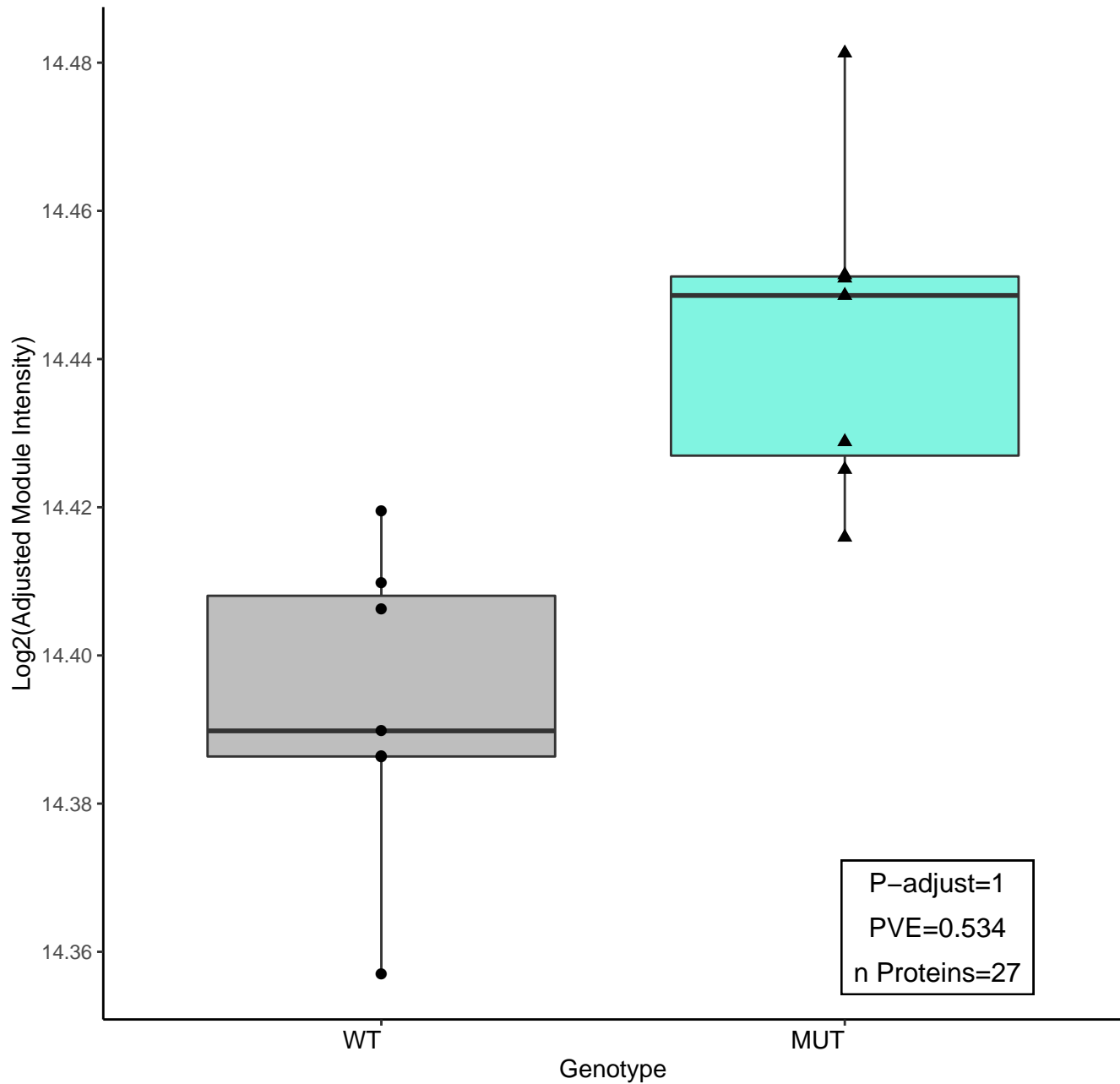
WT

Genotype

MUT



M33



M34

Log2(Adjusted Module Intensity)

12.00

11.95

11.90

WT

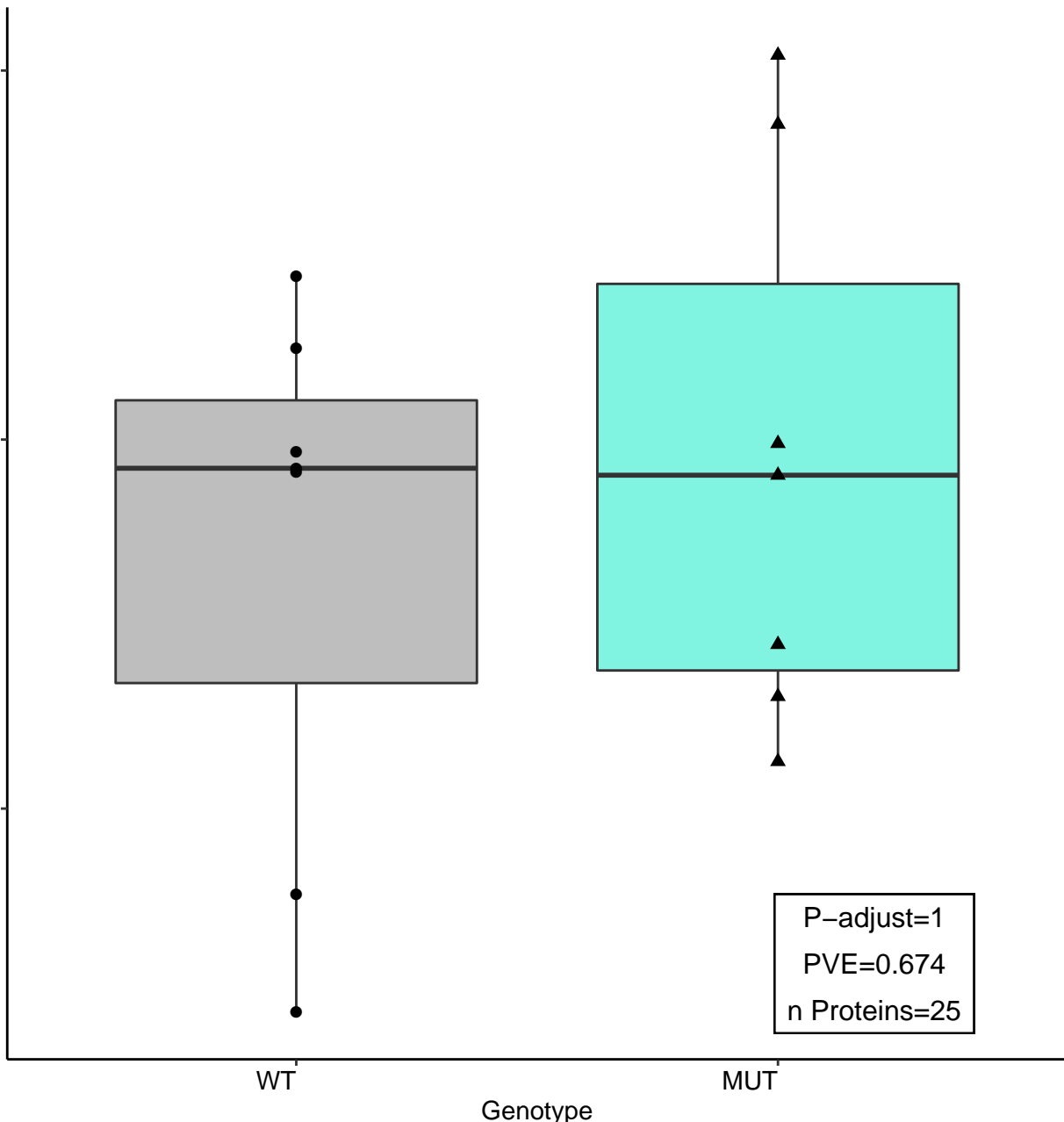
MUT

Genotype

P-adjust=1

PVE=0.674

n Proteins=25



M35

Log2(Adjusted Module Intensity)

12.35

12.30

12.25

P-adjust=1

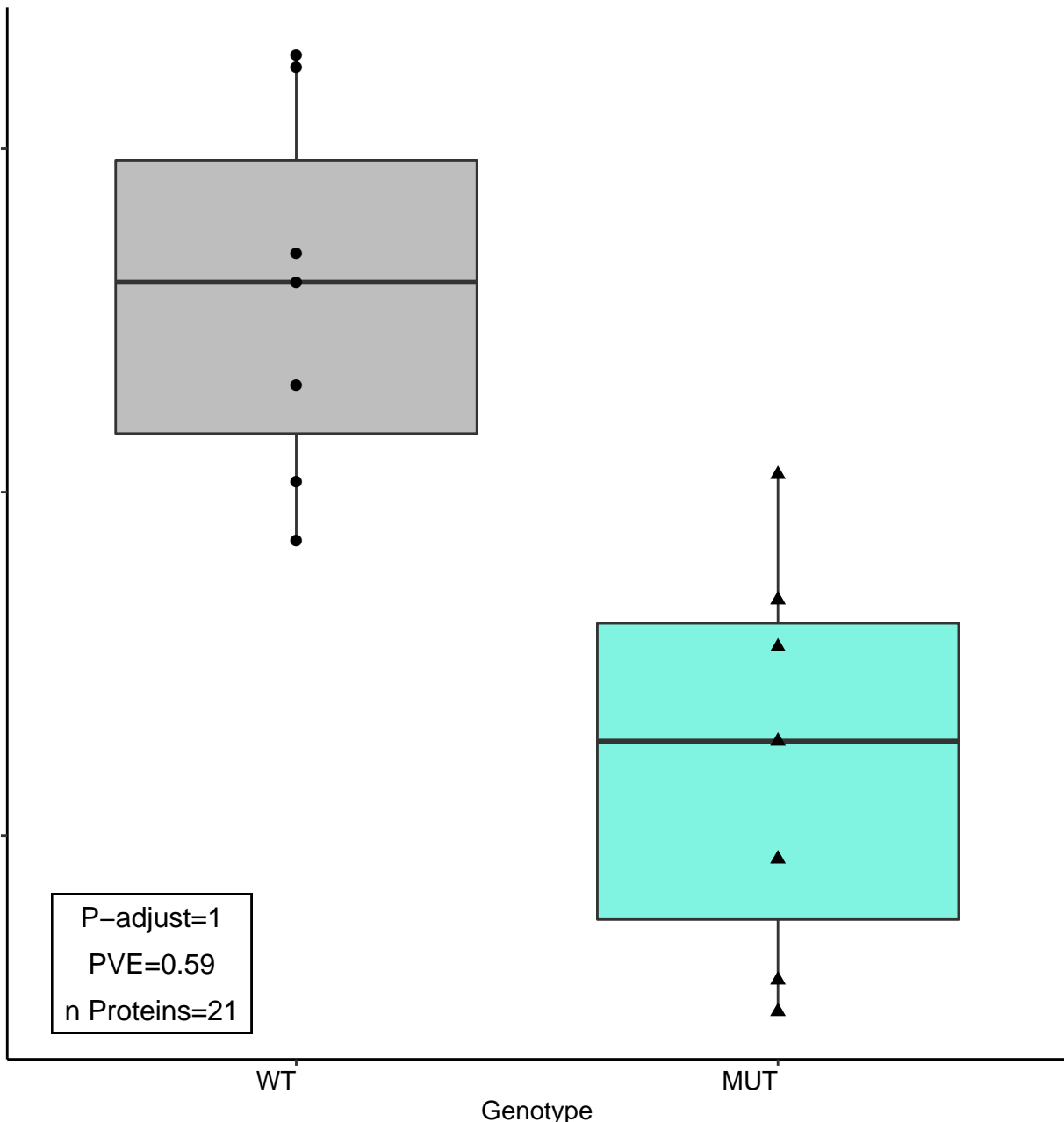
PVE=0.59

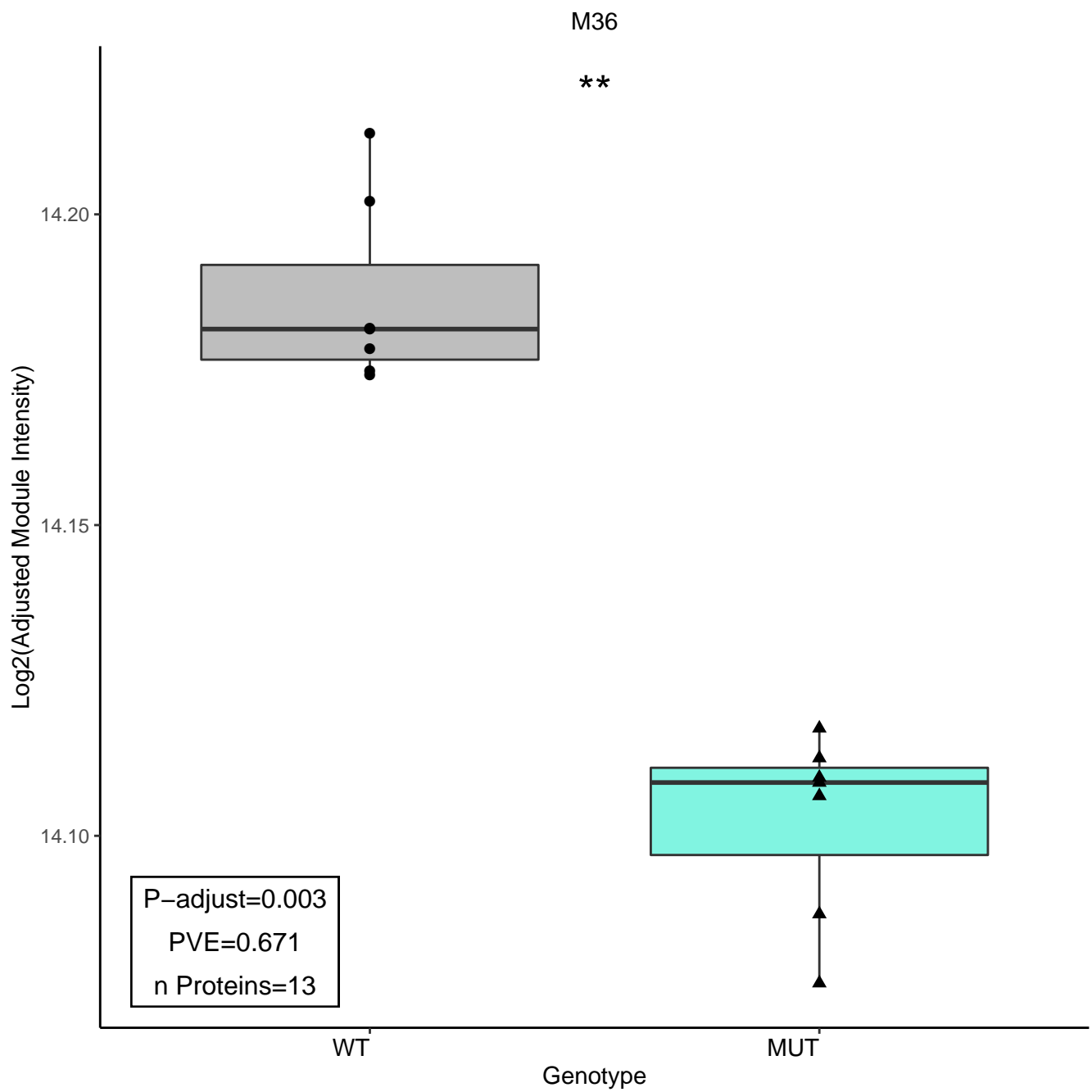
n Proteins=21

WT

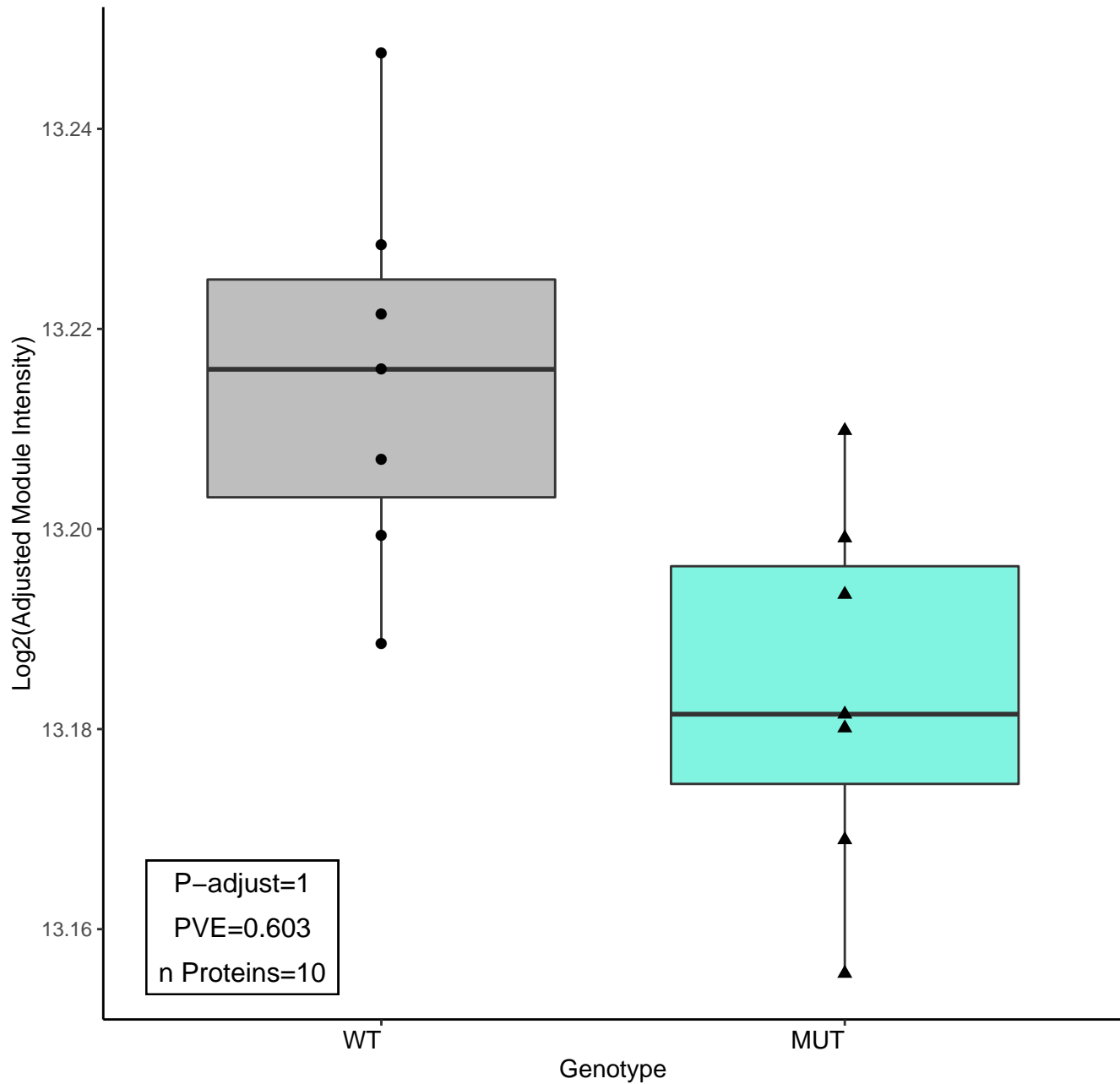
Genotype

MUT

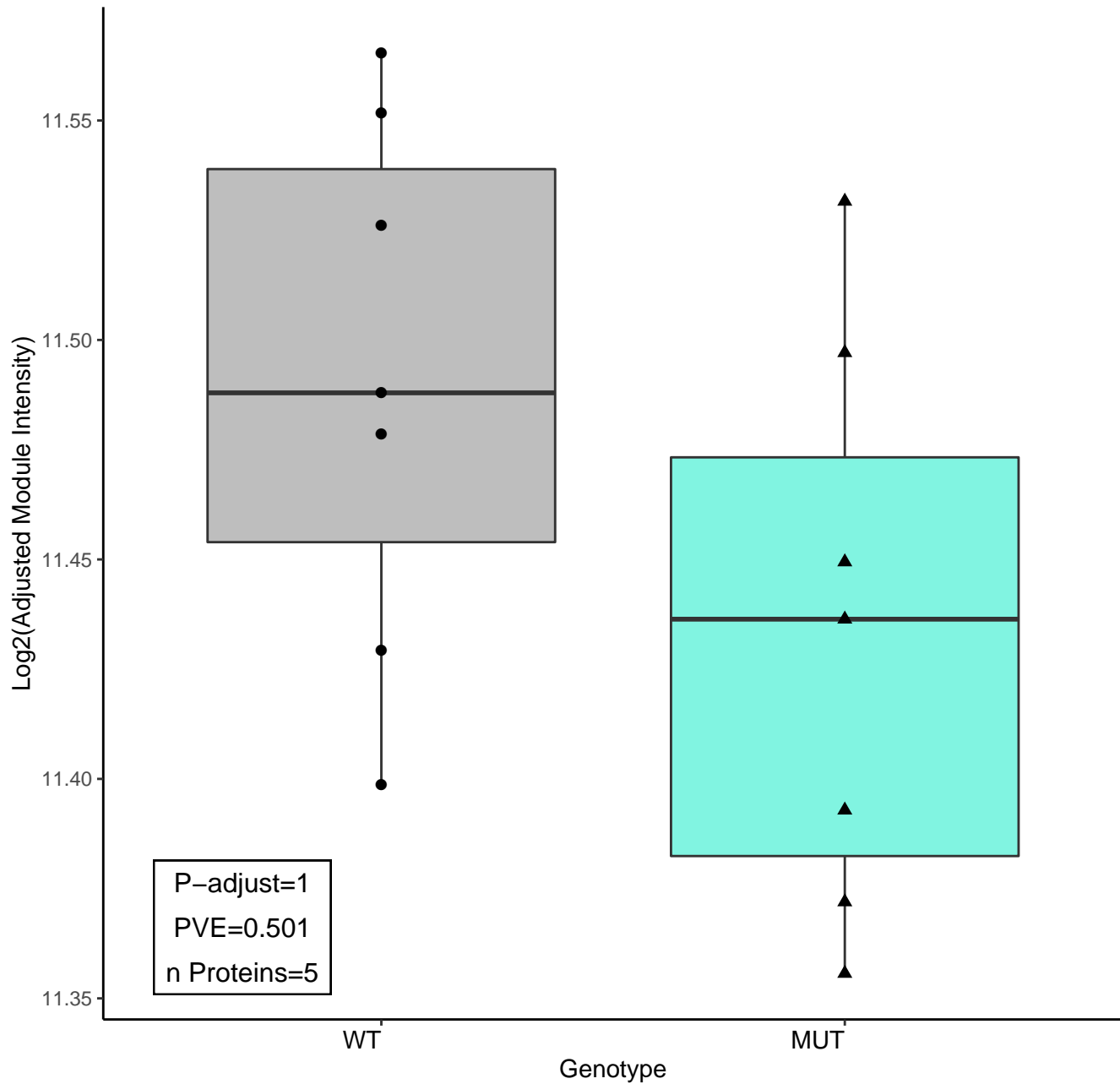




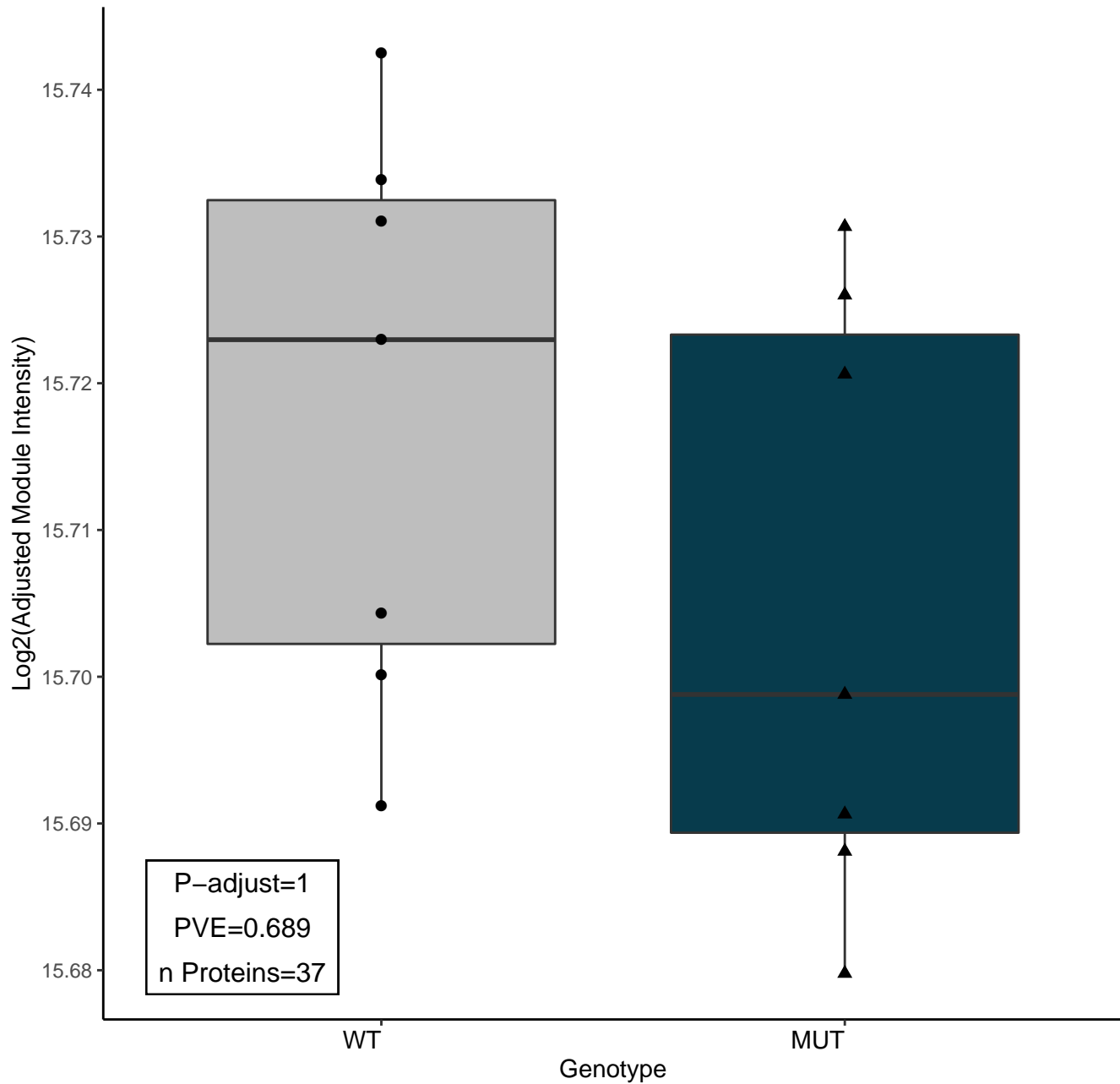
M37



M38



M39



M40

Log2(Adjusted Module Intensity)

14.50

14.48

14.46

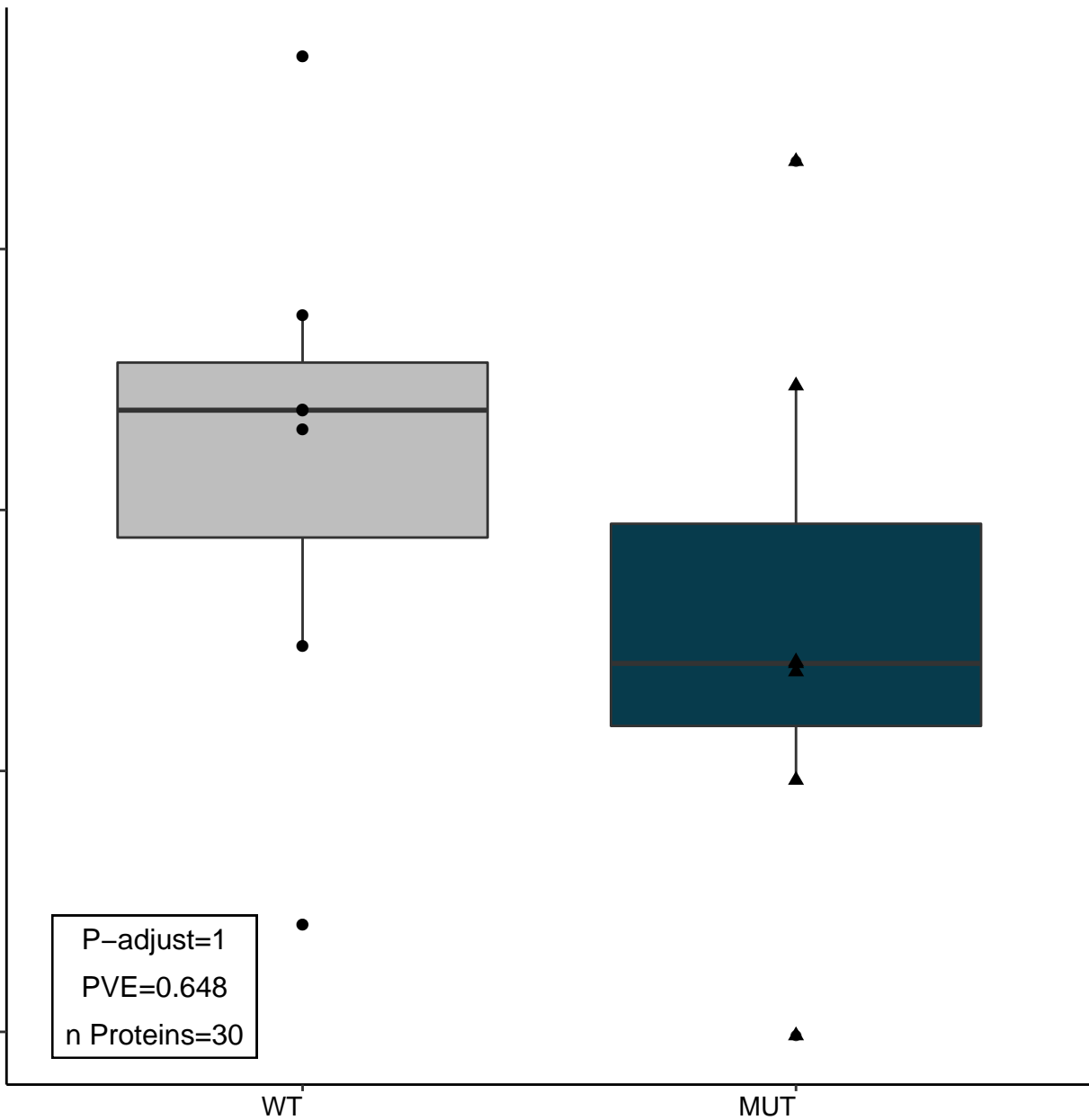
14.44

P-adjust=1
PVE=0.648
n Proteins=30

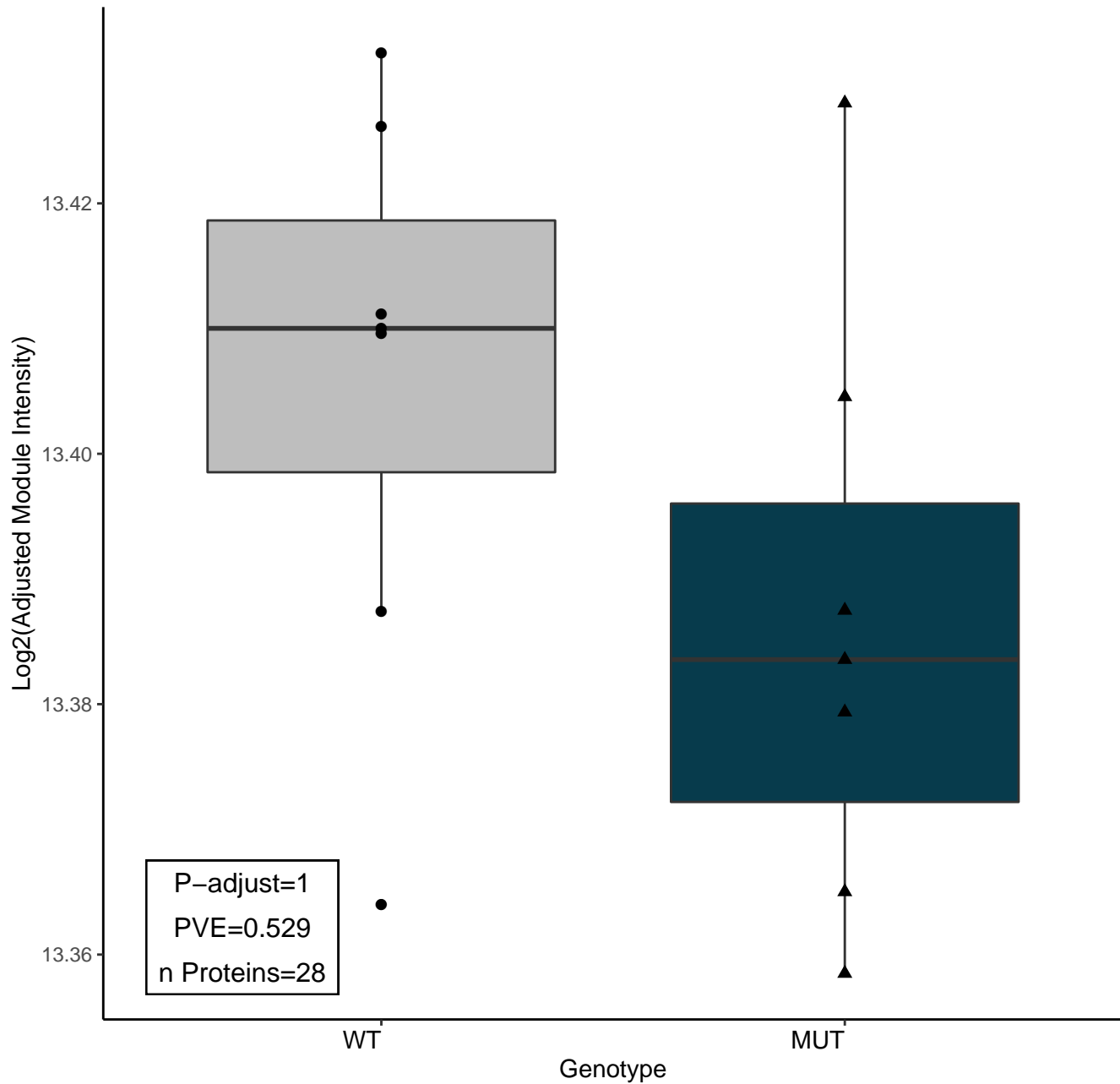
WT

Genotype

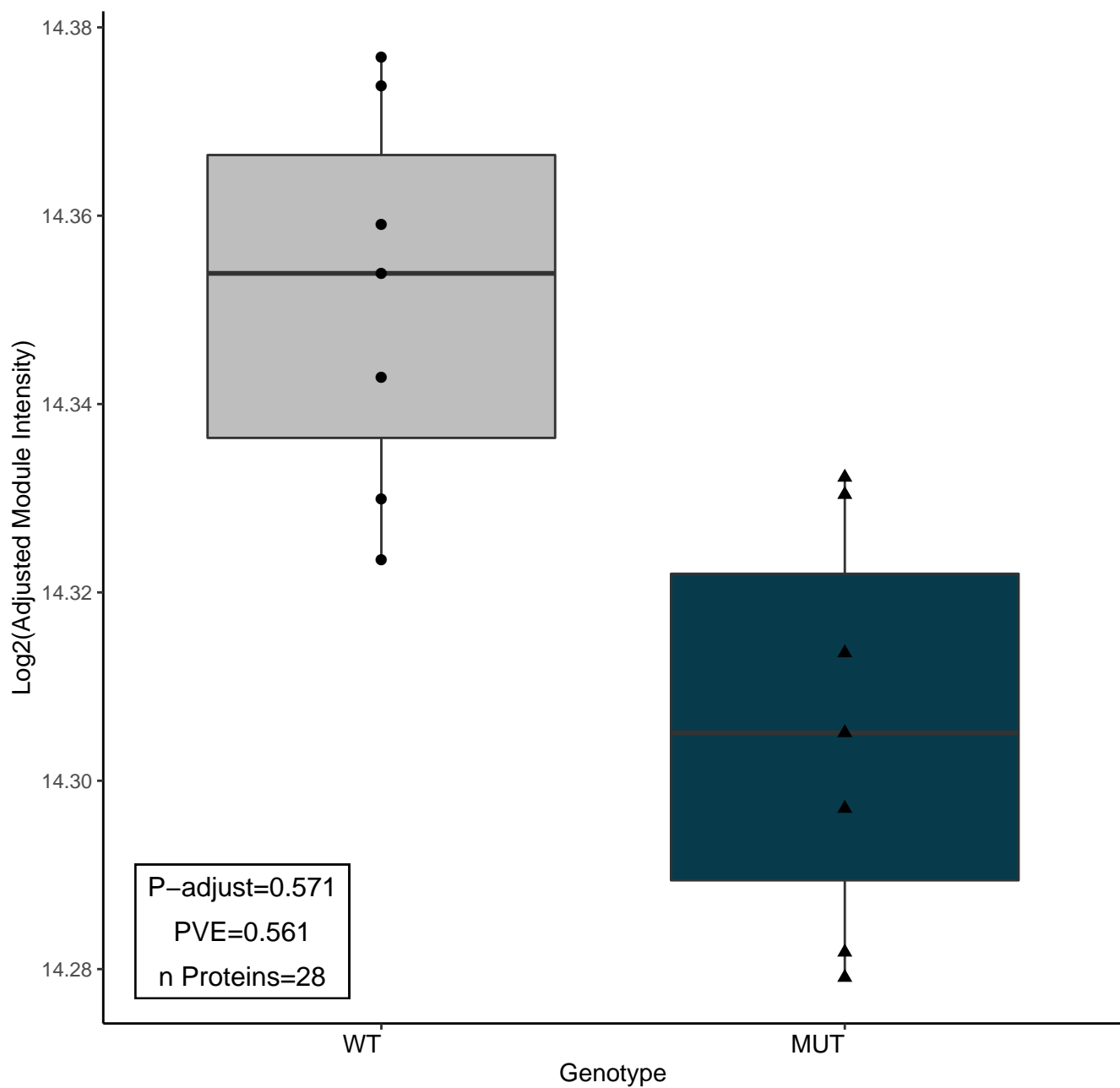
MUT



M41



M42



M43

Log2(Adjusted Module Intensity)

14.45

14.40

14.35

WT

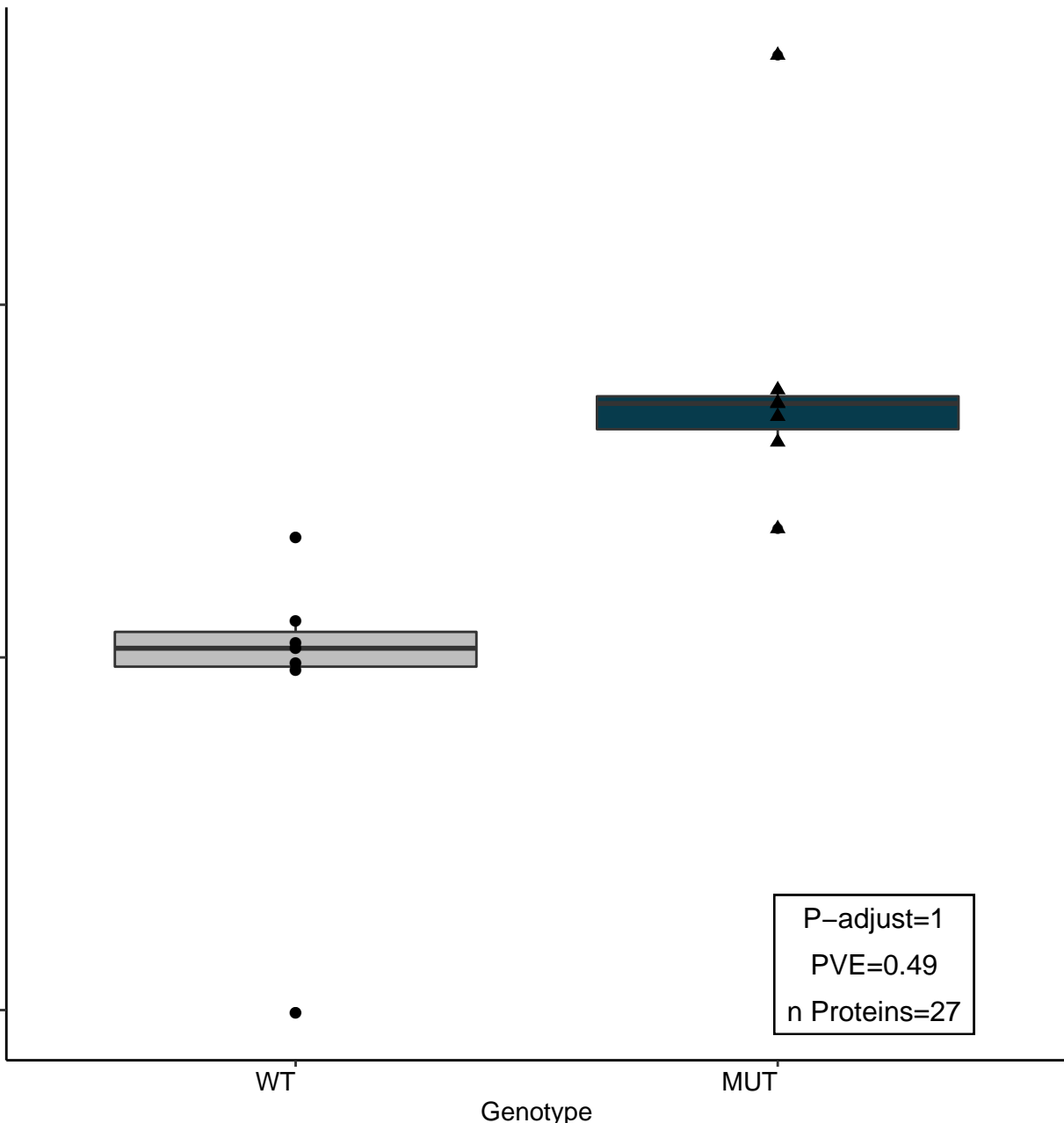
MUT

Genotype

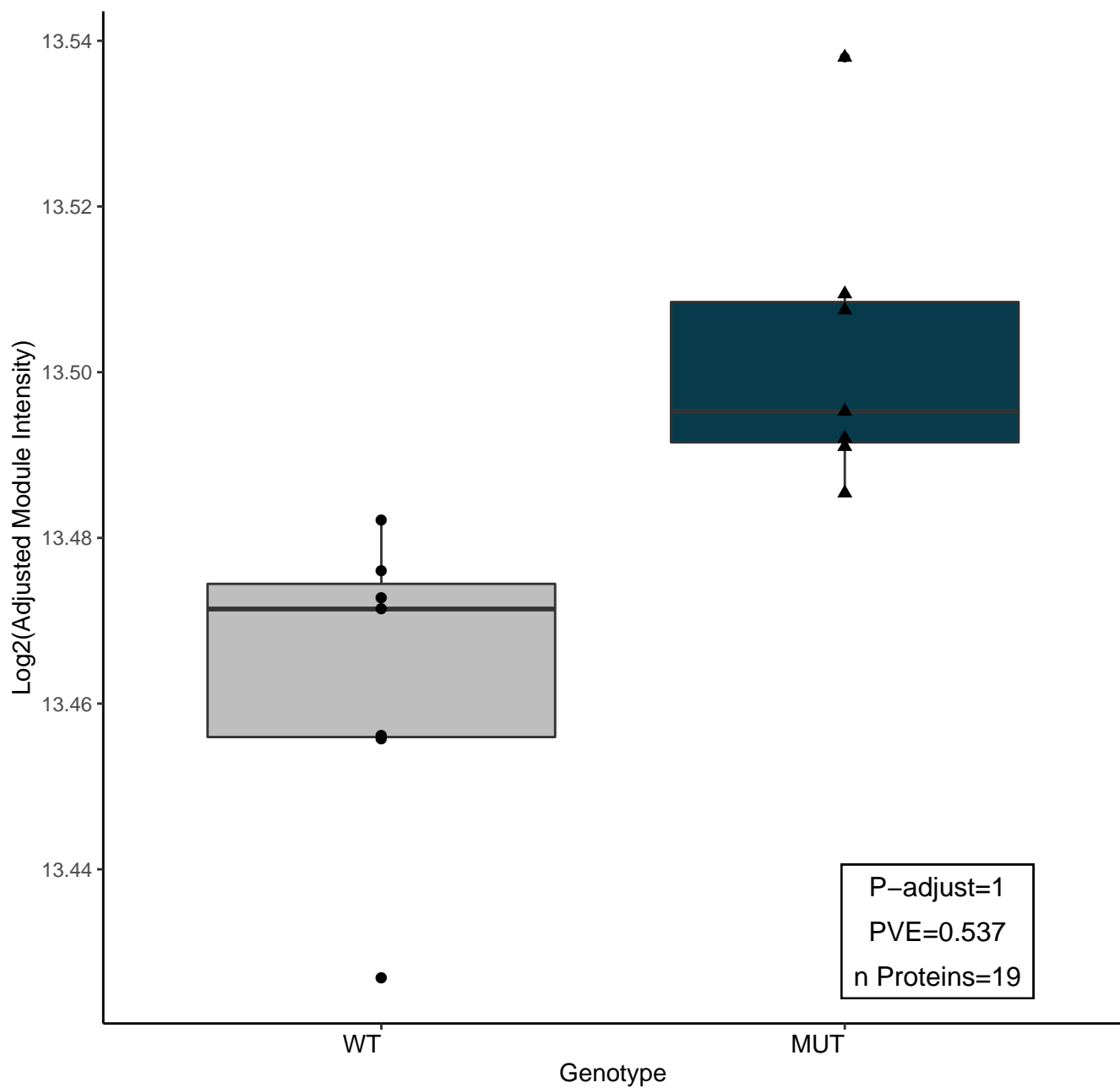
P-adjust=1

PVE=0.49

n Proteins=27



M44



M45

Log2(Adjusted Module Intensity)

13.94

13.92

13.90

WT

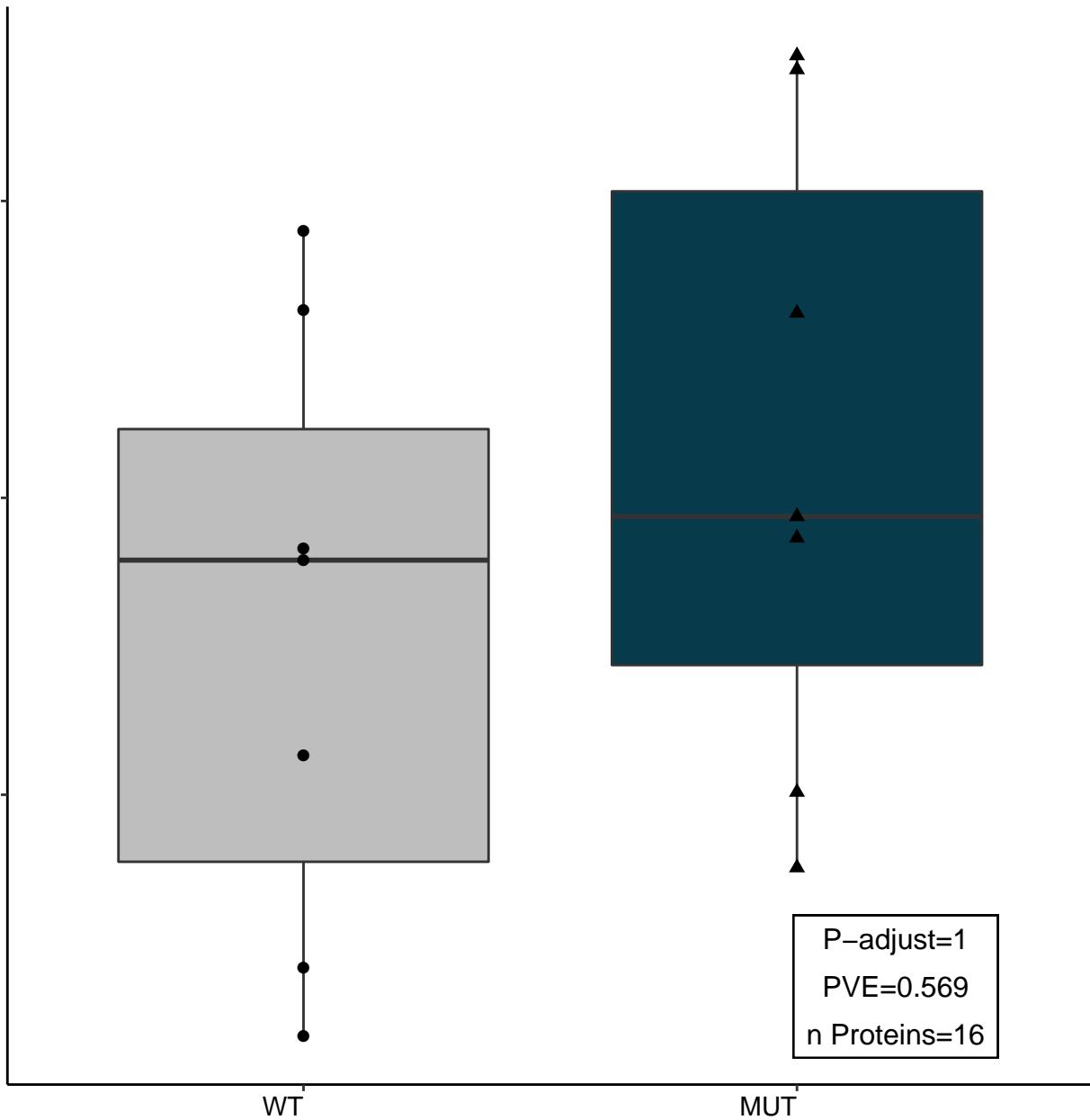
Genotype

MUT

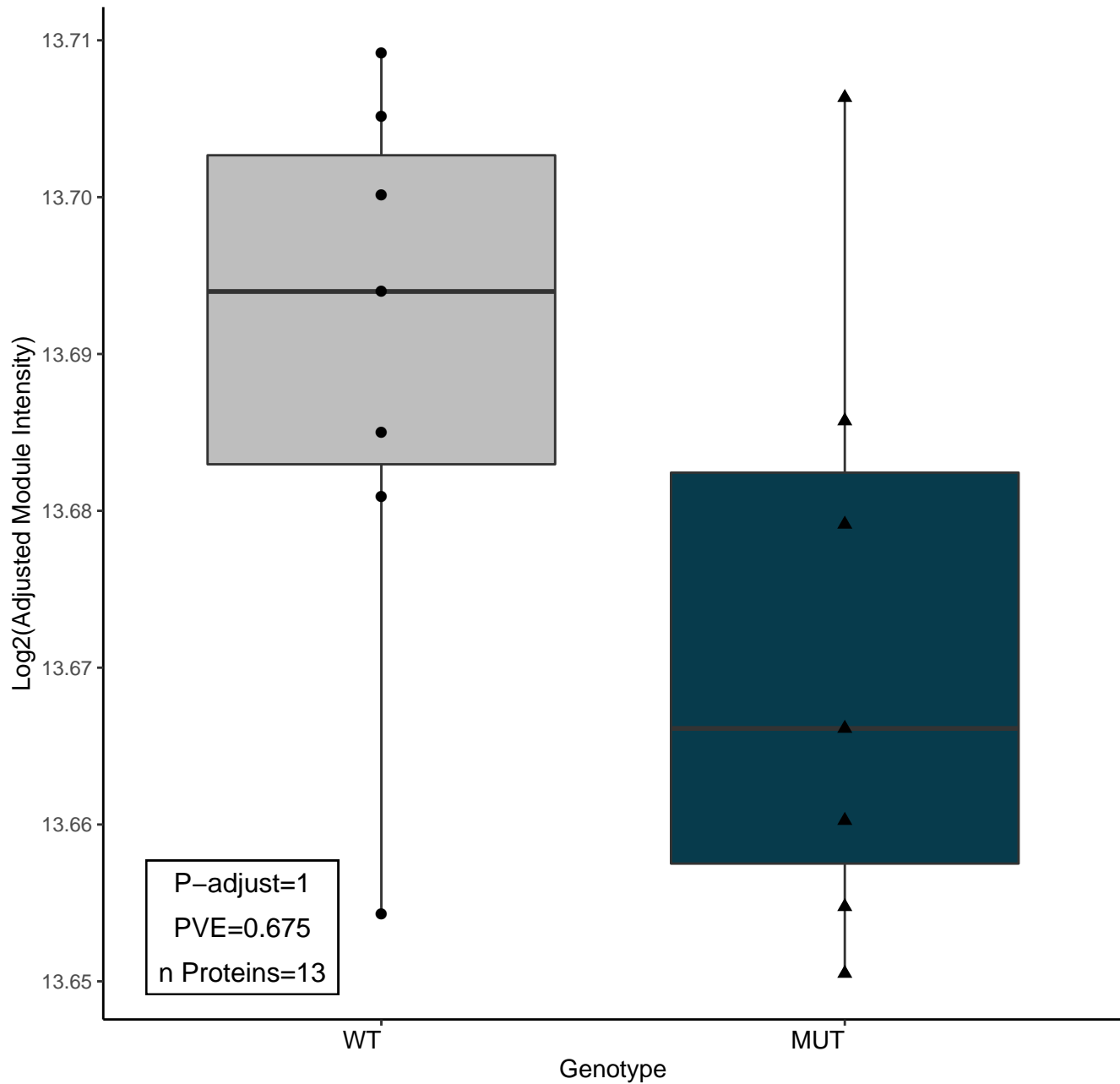
P-adjust=1

PVE=0.569

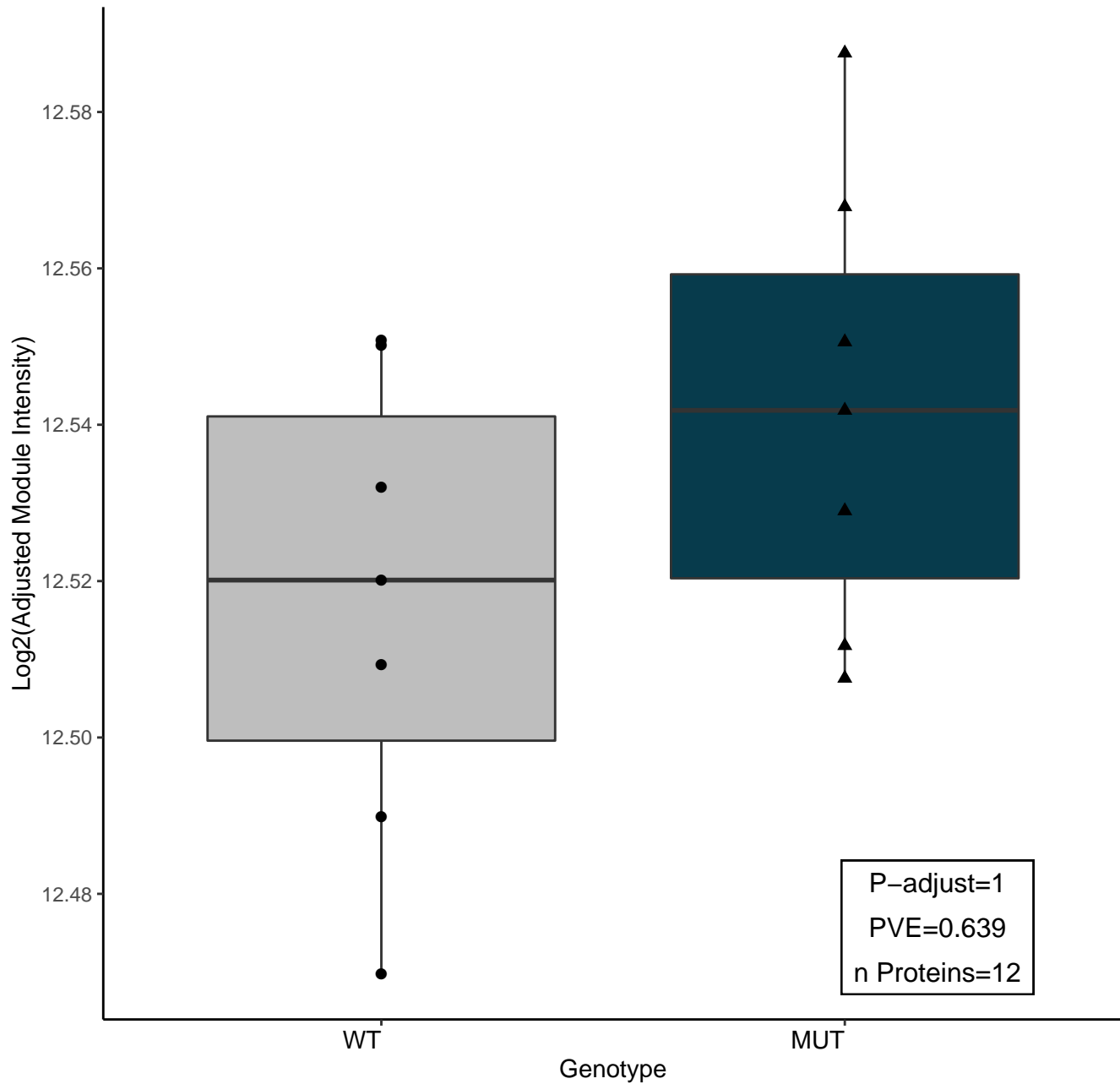
n Proteins=16



M46



M47



M48

Log2(Adjusted Module Intensity)

12.55

12.50

12.45

P-adjust=0.15

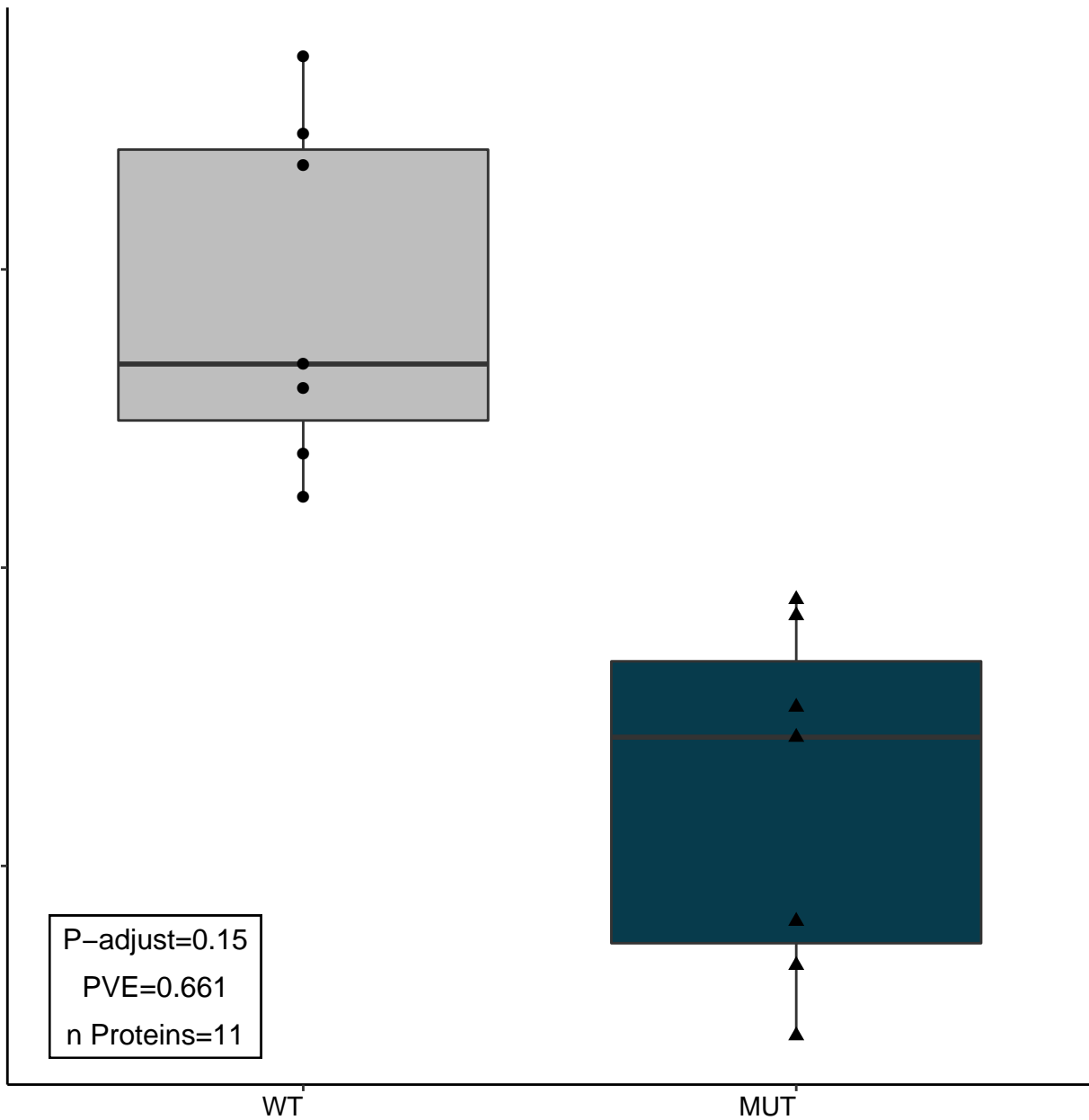
PVE=0.661

n Proteins=11

WT

Genotype

MUT



M49

Log2(Adjusted Module Intensity)

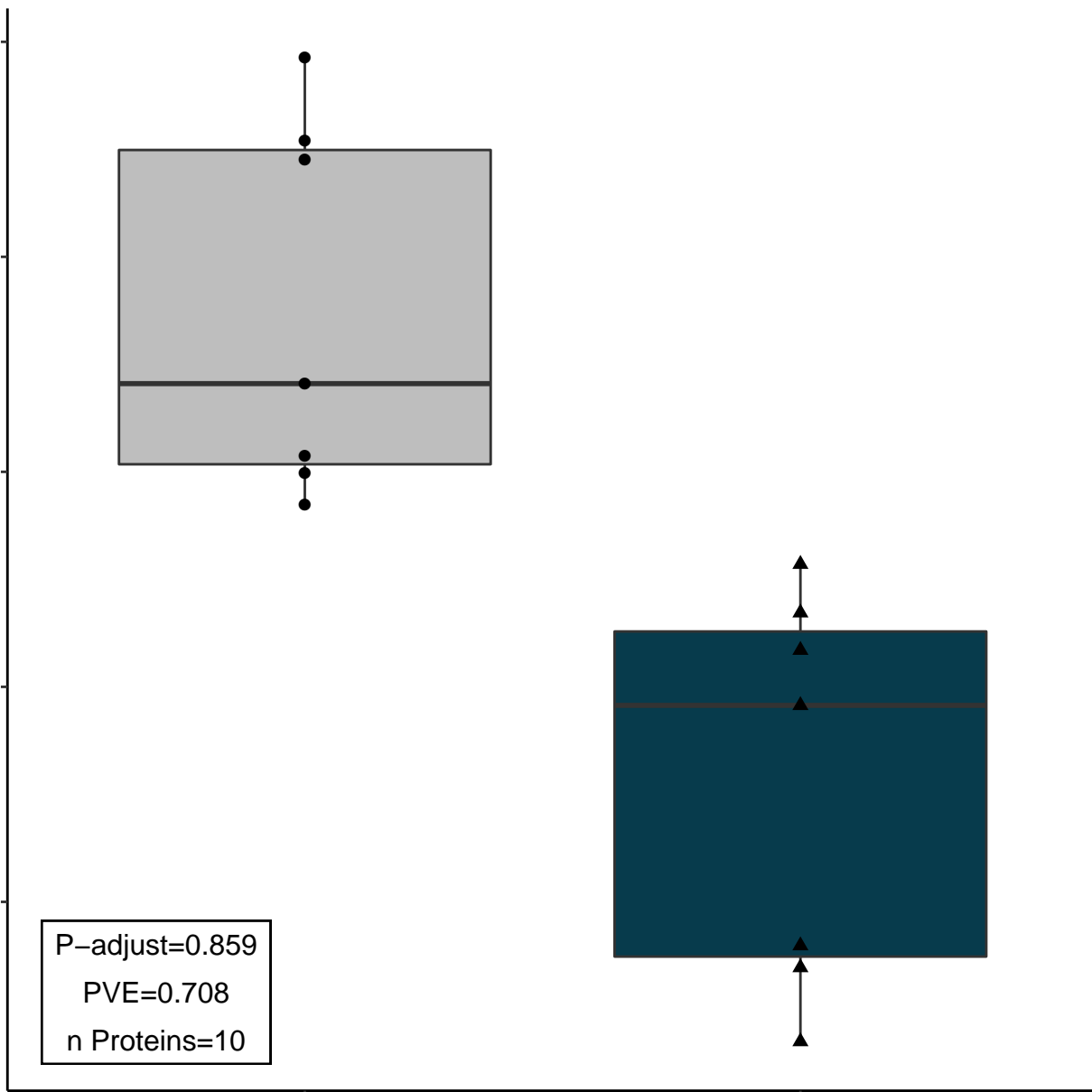
12.40
12.38
12.36
12.34
12.32

P-adjust=0.859
PVE=0.708
n Proteins=10

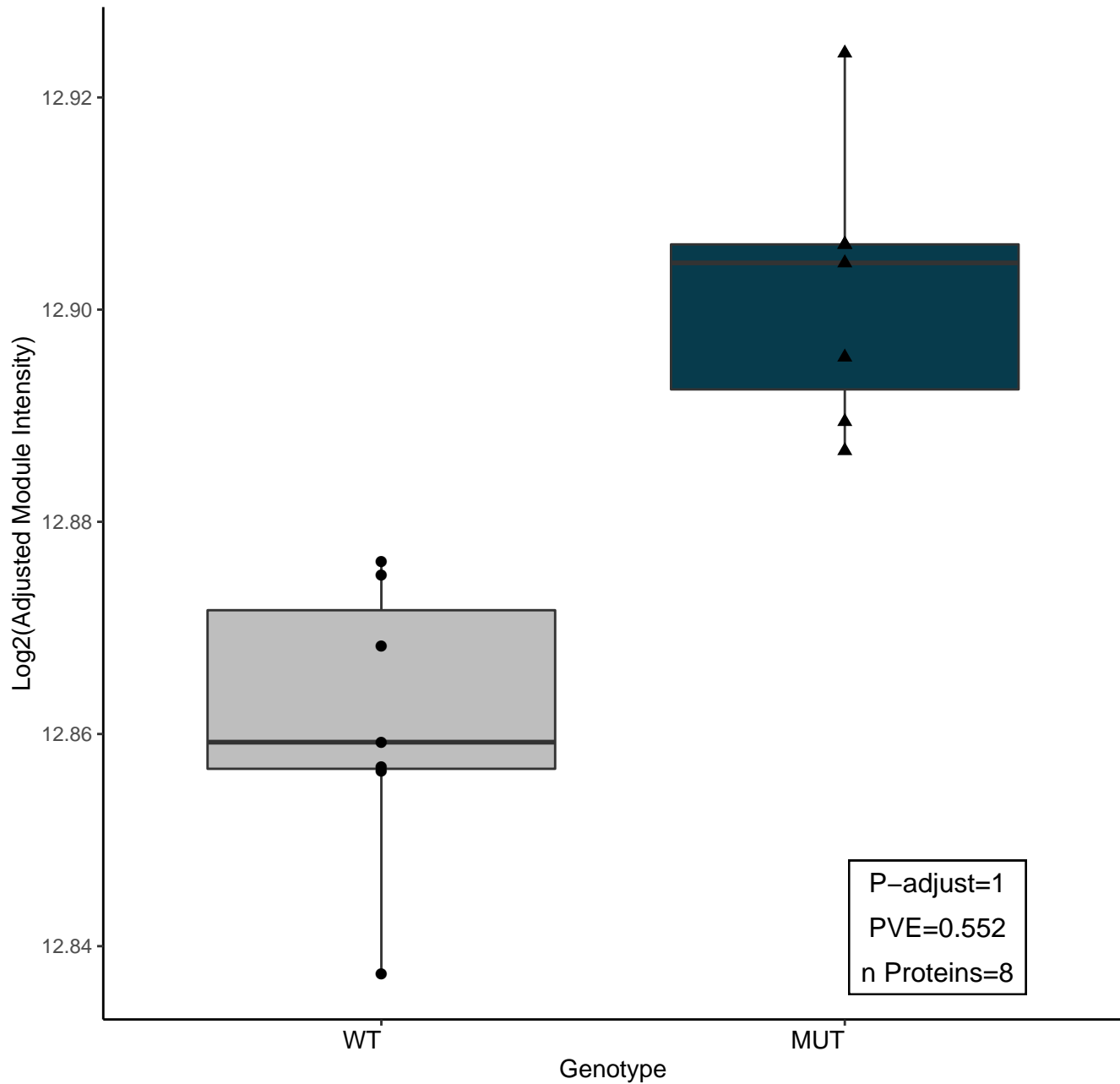
WT

Genotype

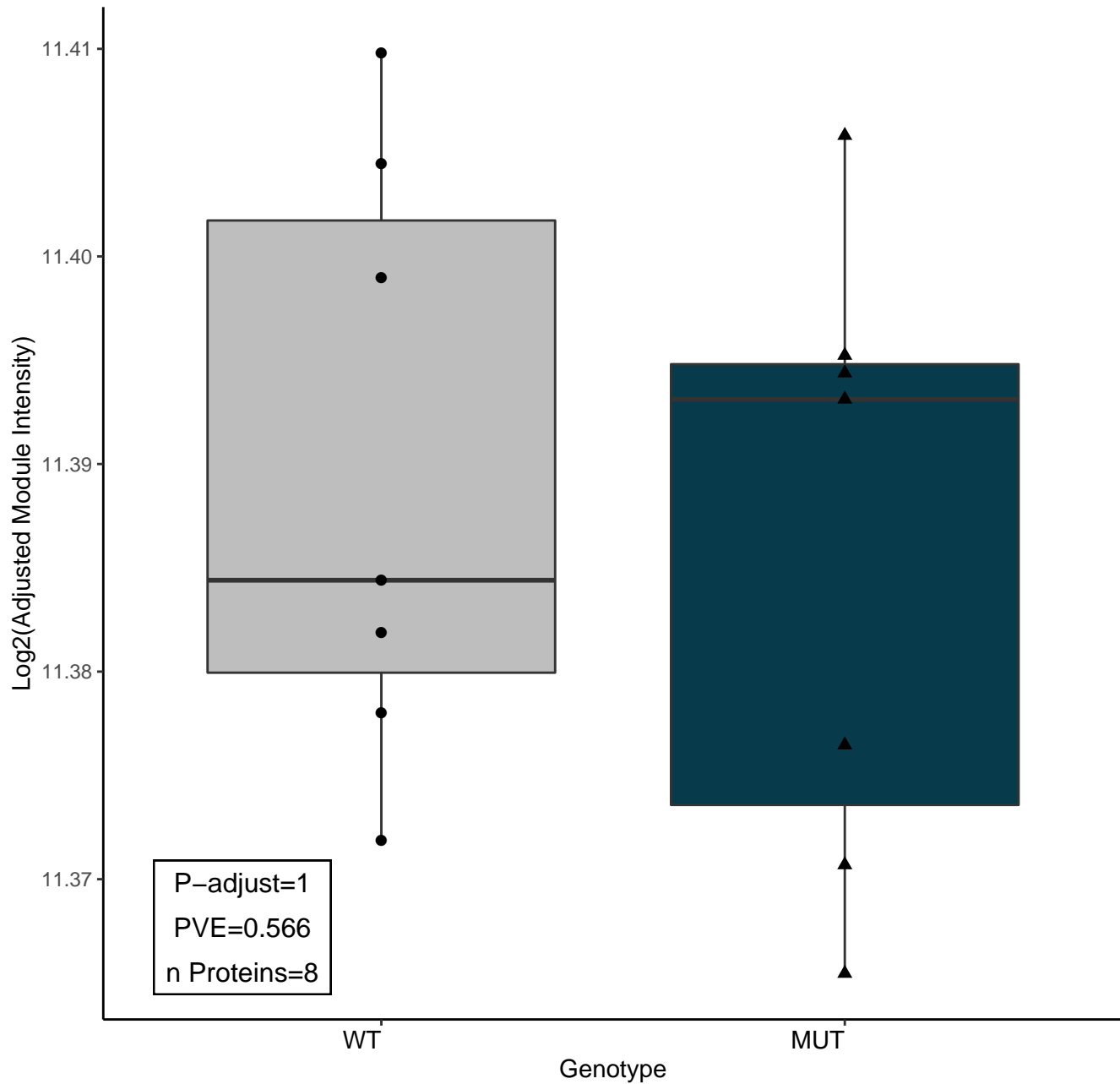
MUT



M50



M51



M52

Log2(Adjusted Module Intensity)

11.22

11.23

11.24

11.25

11.26

WT

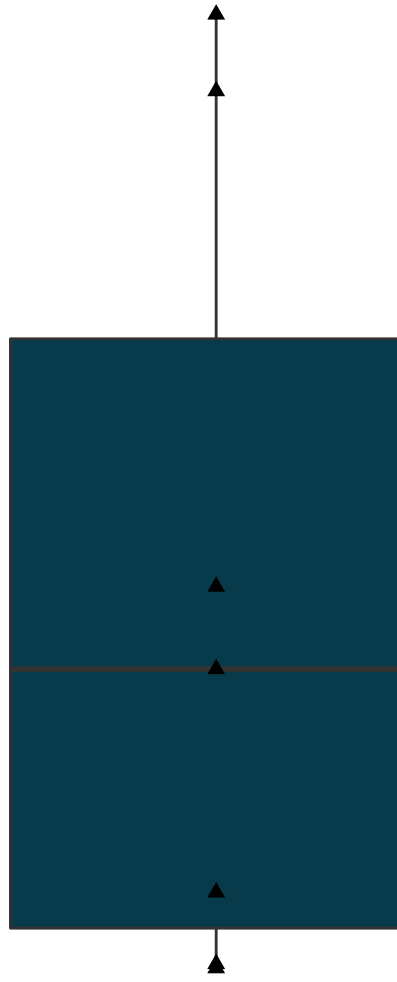
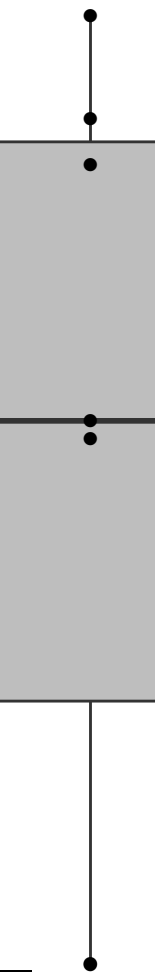
MUT

Genotype

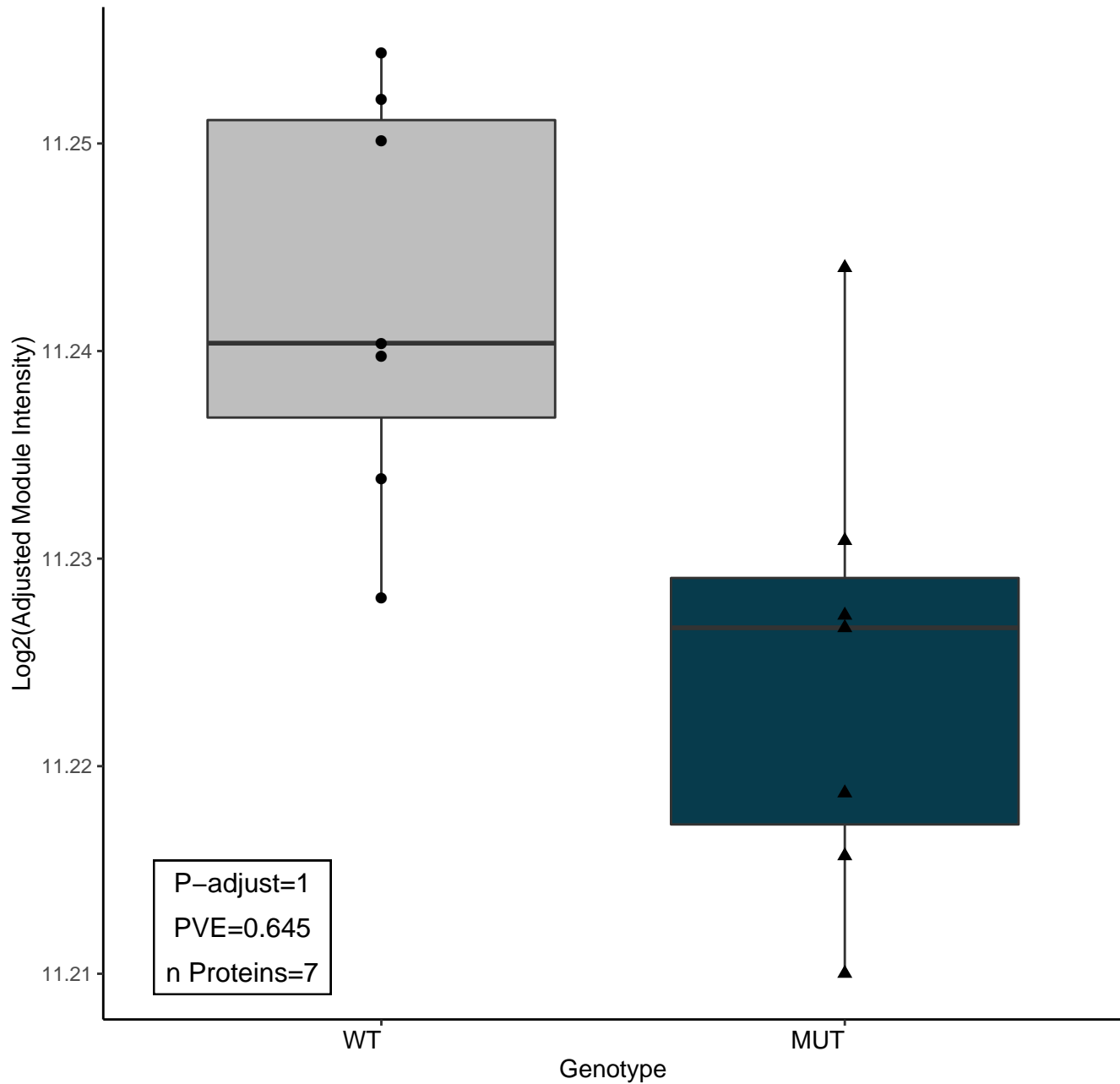
P-adjust=1

PVE=0.665

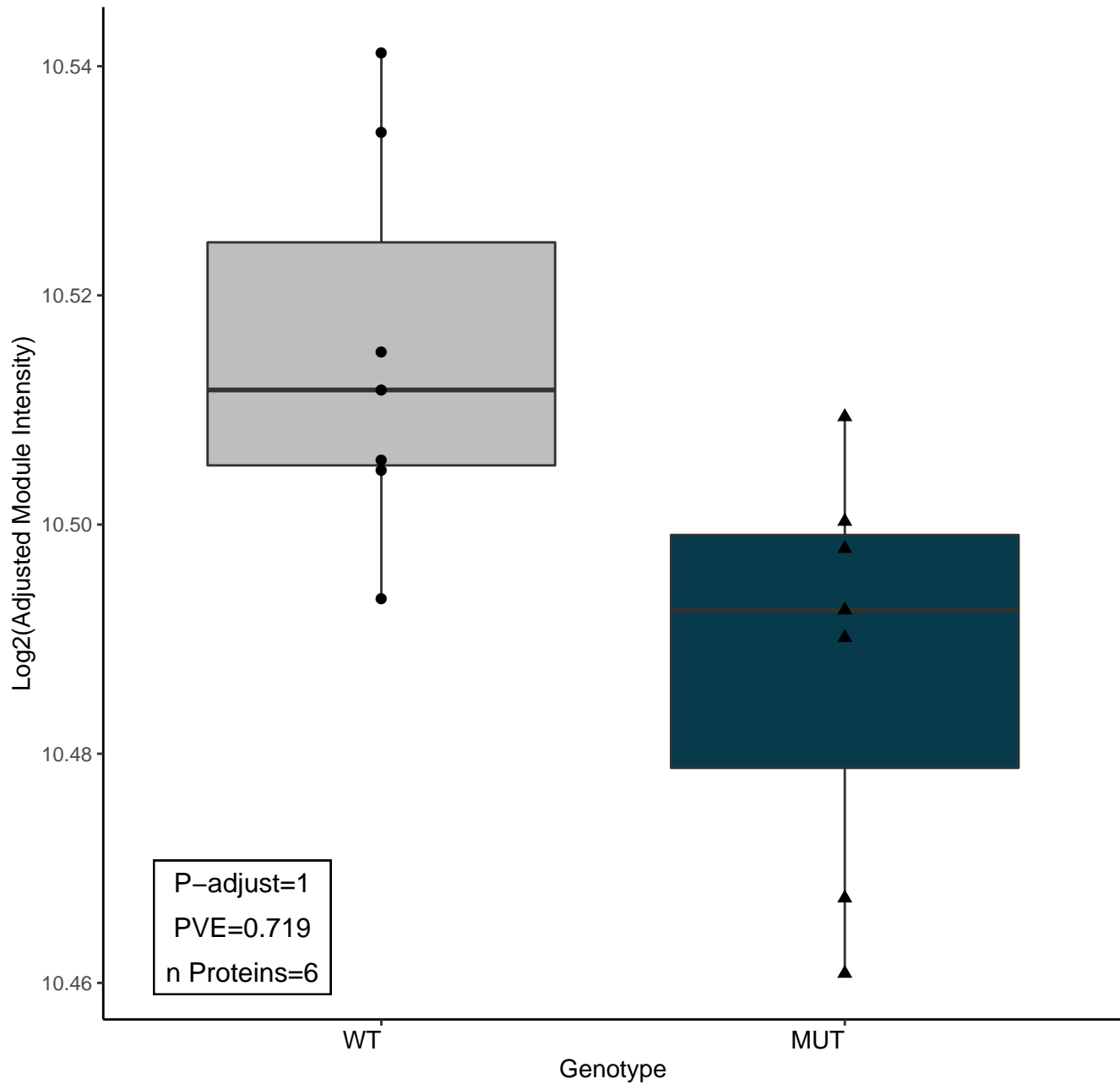
n Proteins=8



M53



M54



M55

Log2(Adjusted Module Intensity)

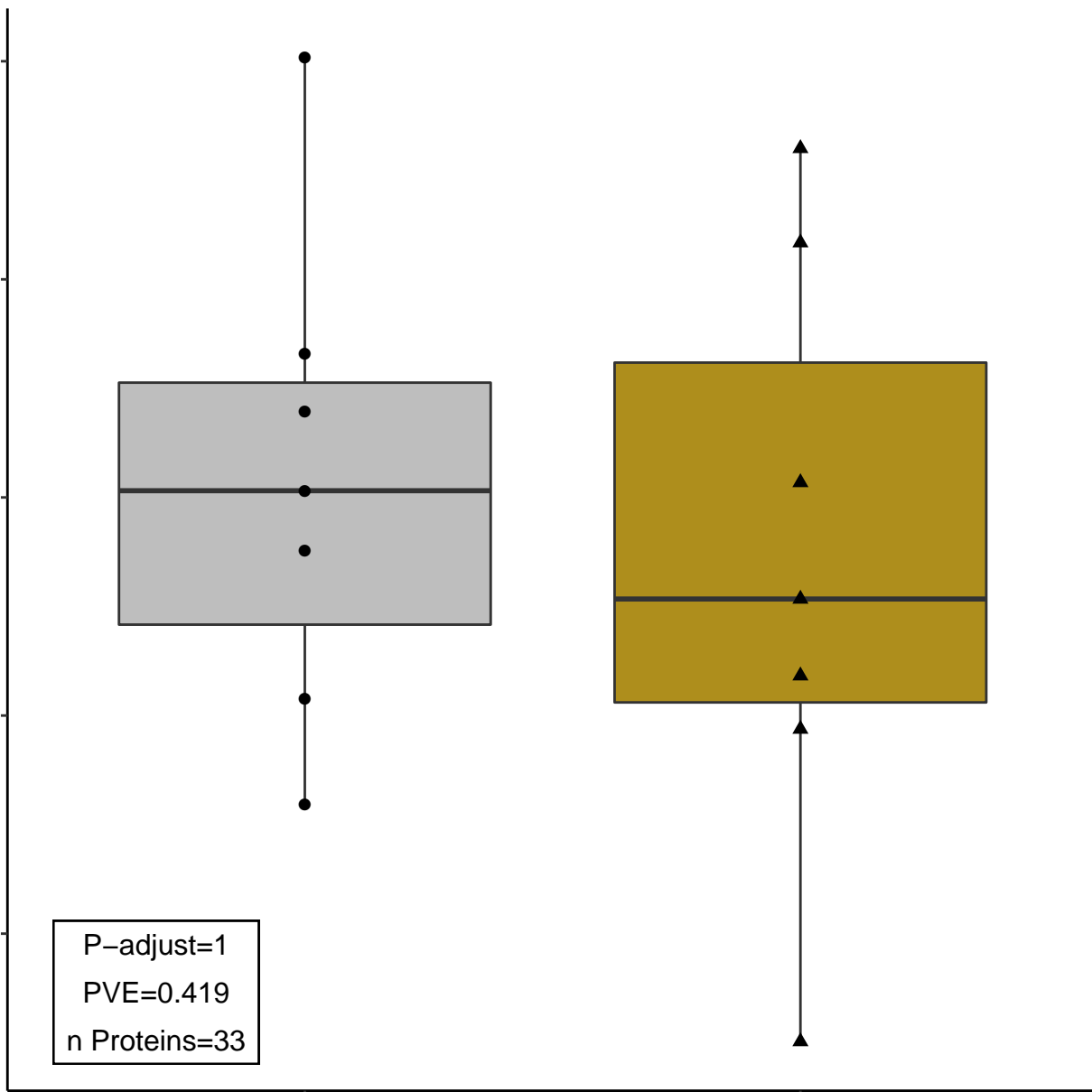
13.31
13.30
13.29
13.28
13.27

P-adjust=1
PVE=0.419
n Proteins=33

WT

Genotype

MUT



M56

Log2(Adjusted Module Intensity)

13.78

13.77

13.76

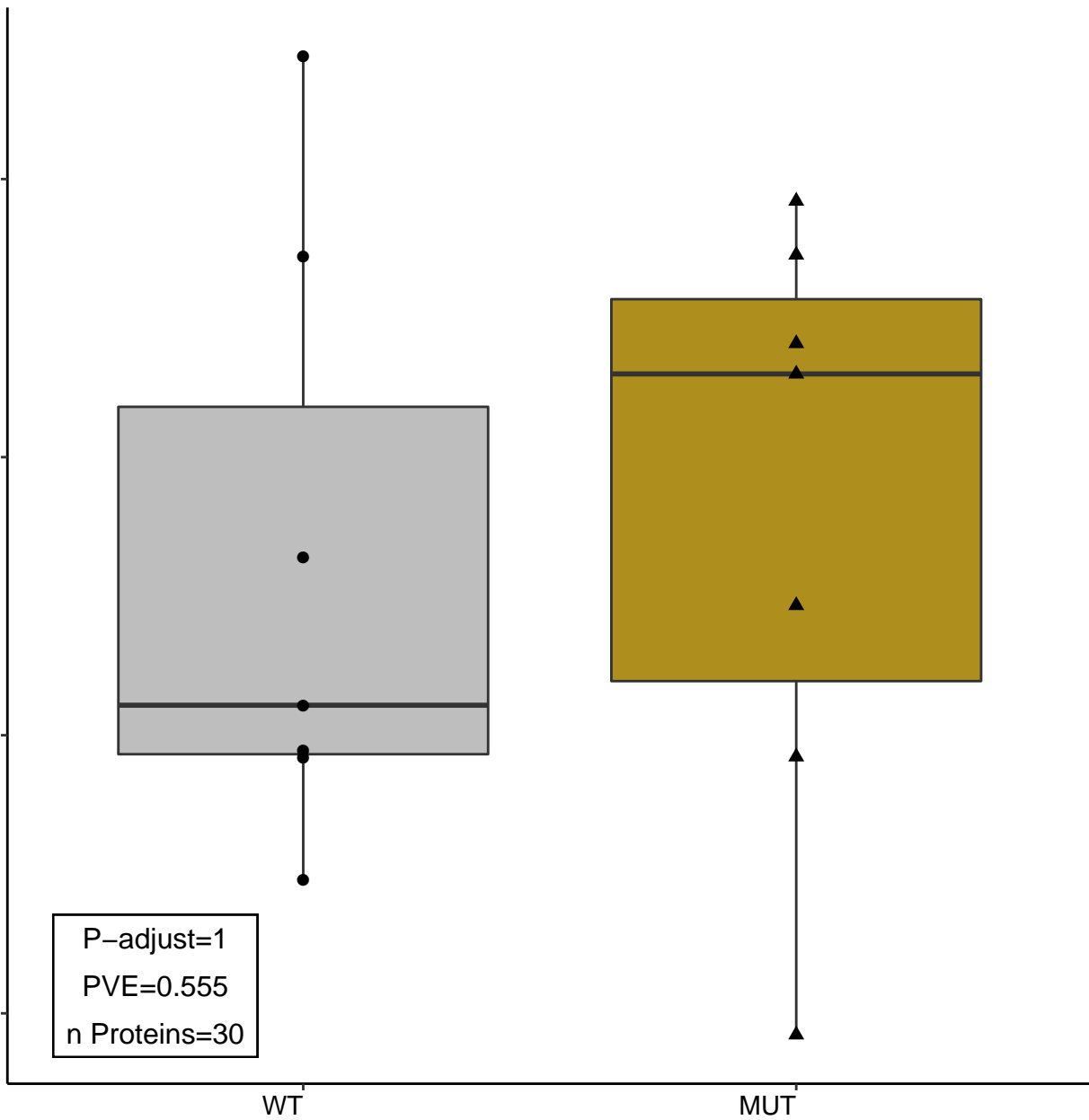
13.75

P-adjust=1
PVE=0.555
n Proteins=30

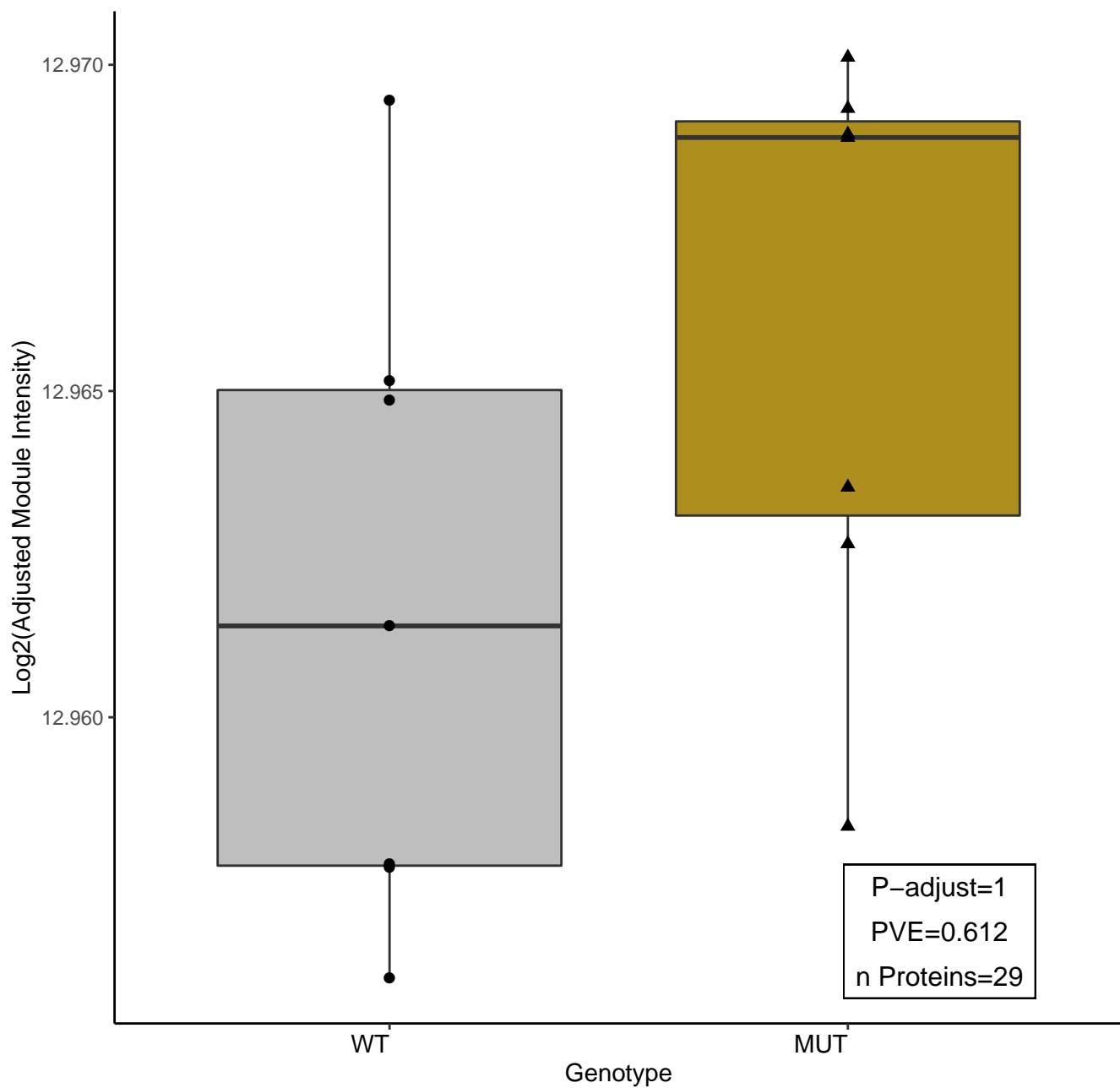
WT

Genotype

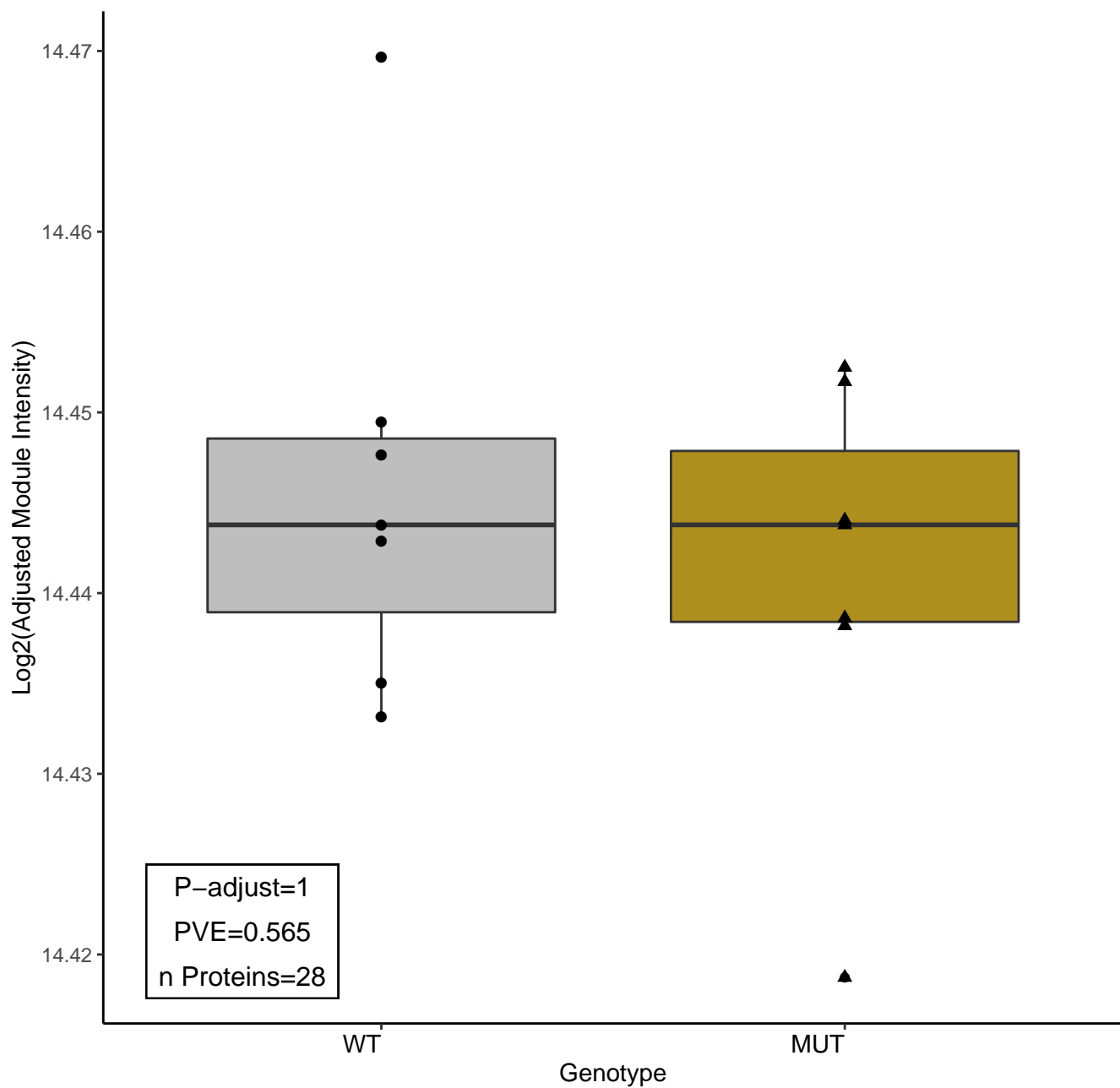
MUT



M57



M58



M59

Log2(Adjusted Module Intensity)

12.98

12.97

12.96

12.95

WT

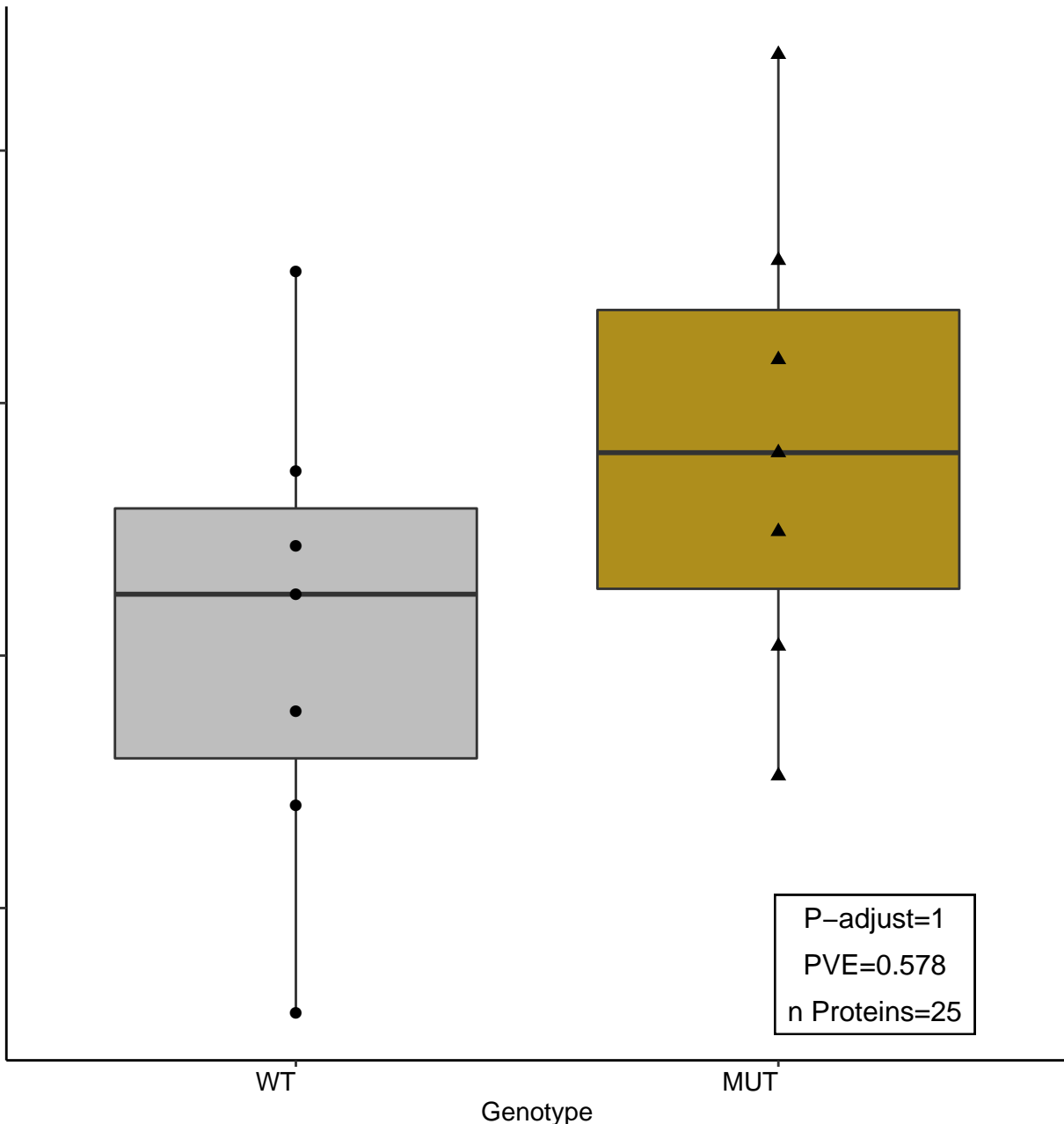
Genotype

MUT

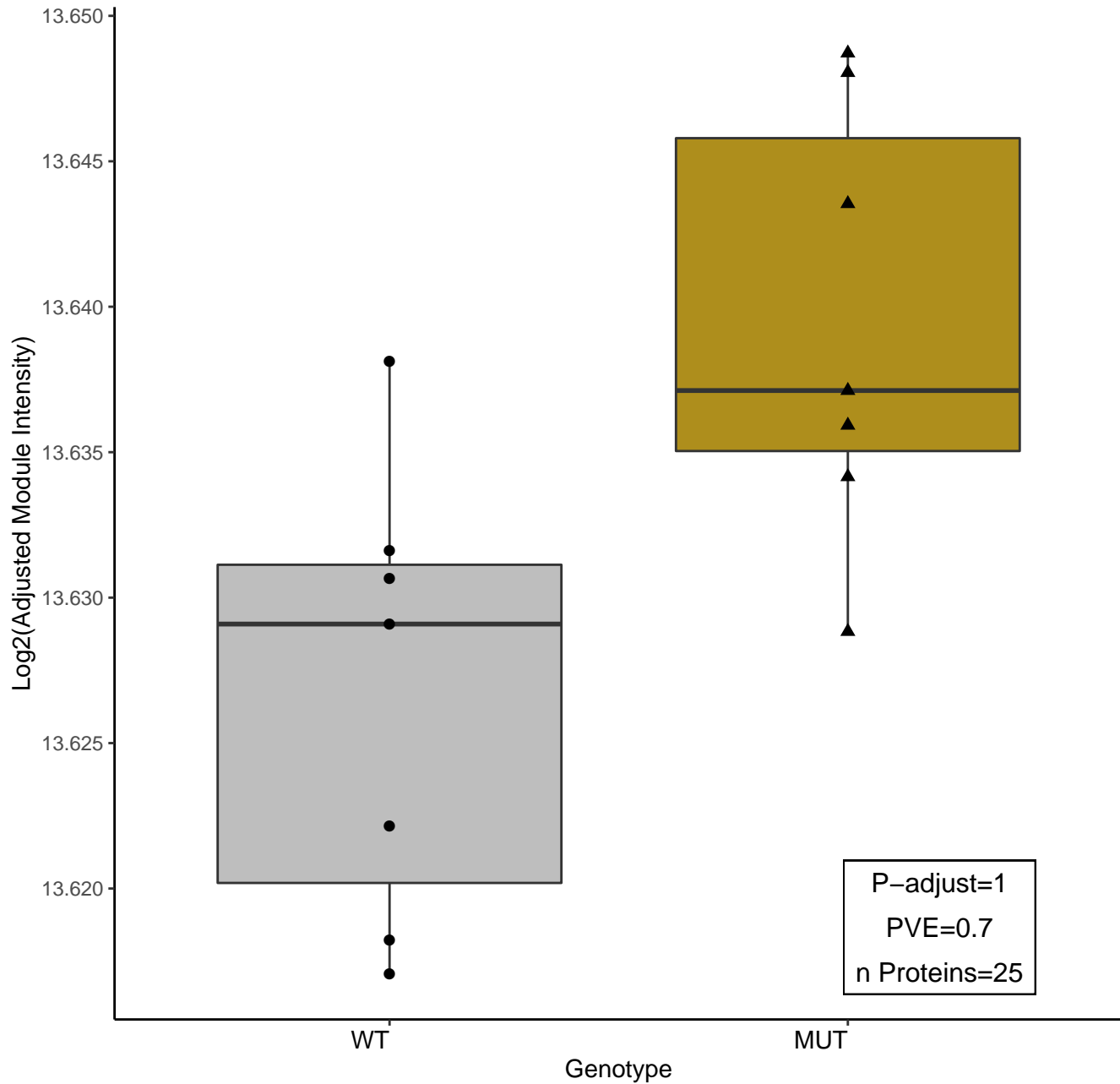
P-adjust=1

PVE=0.578

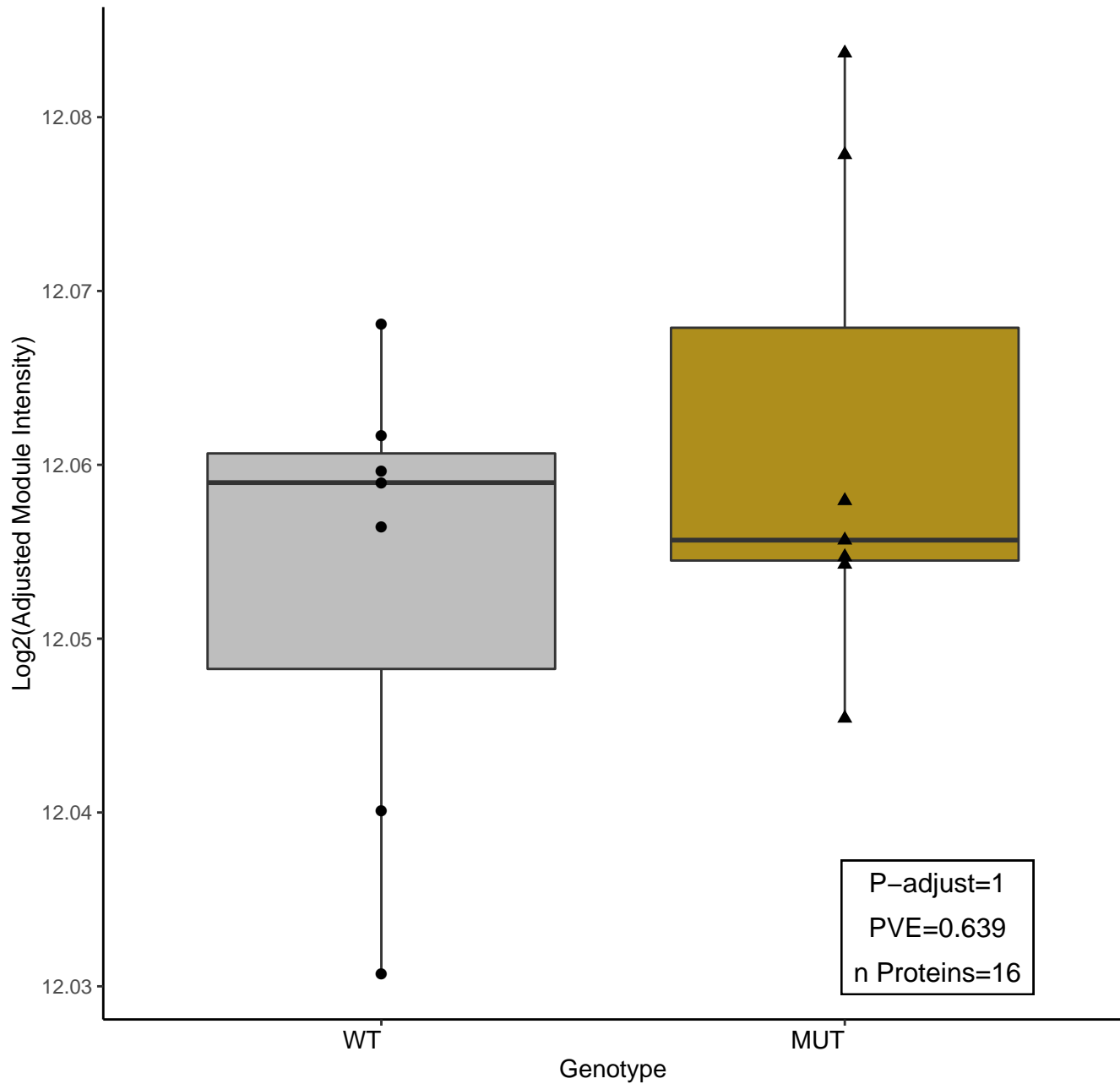
n Proteins=25



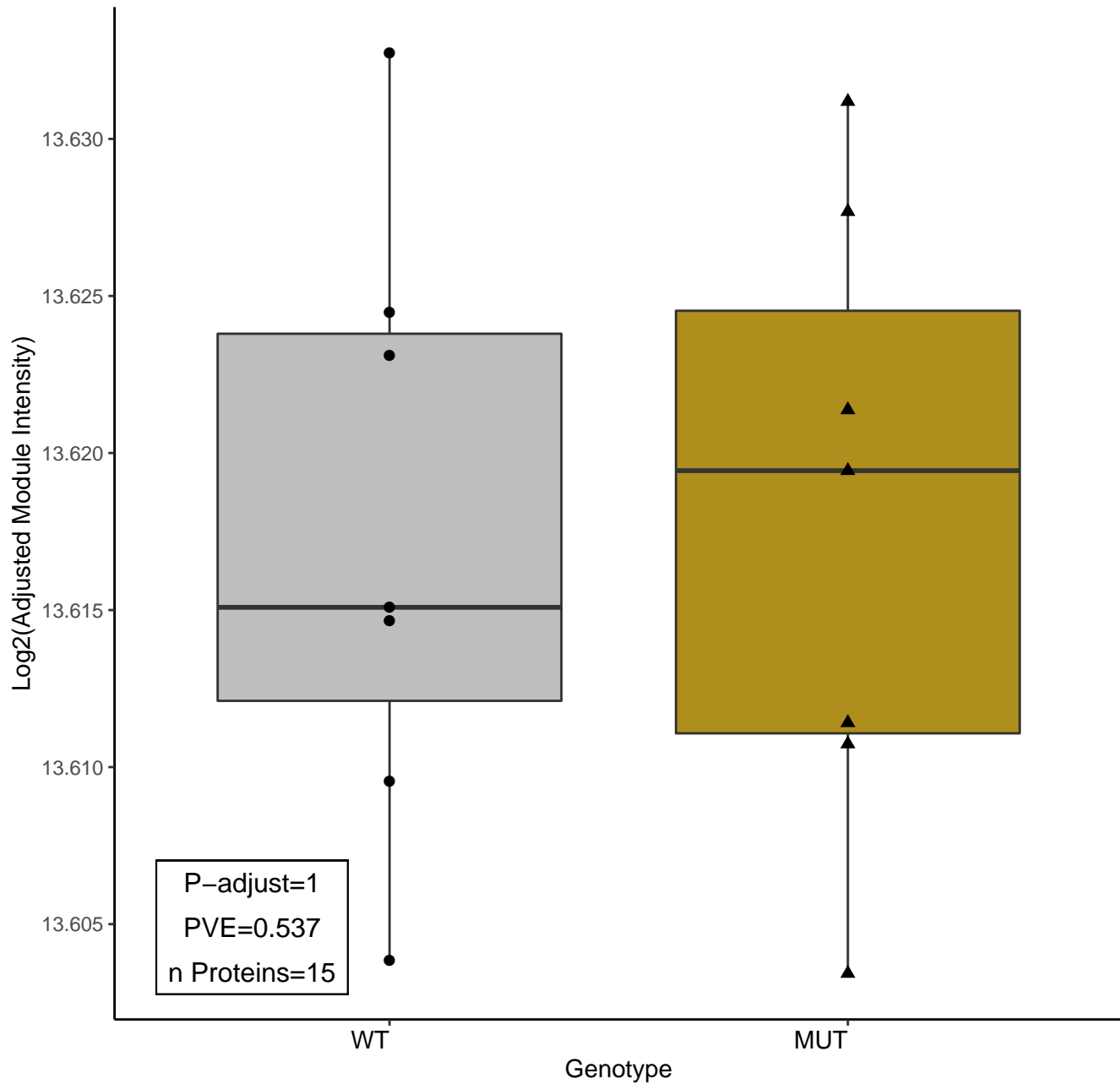
M60



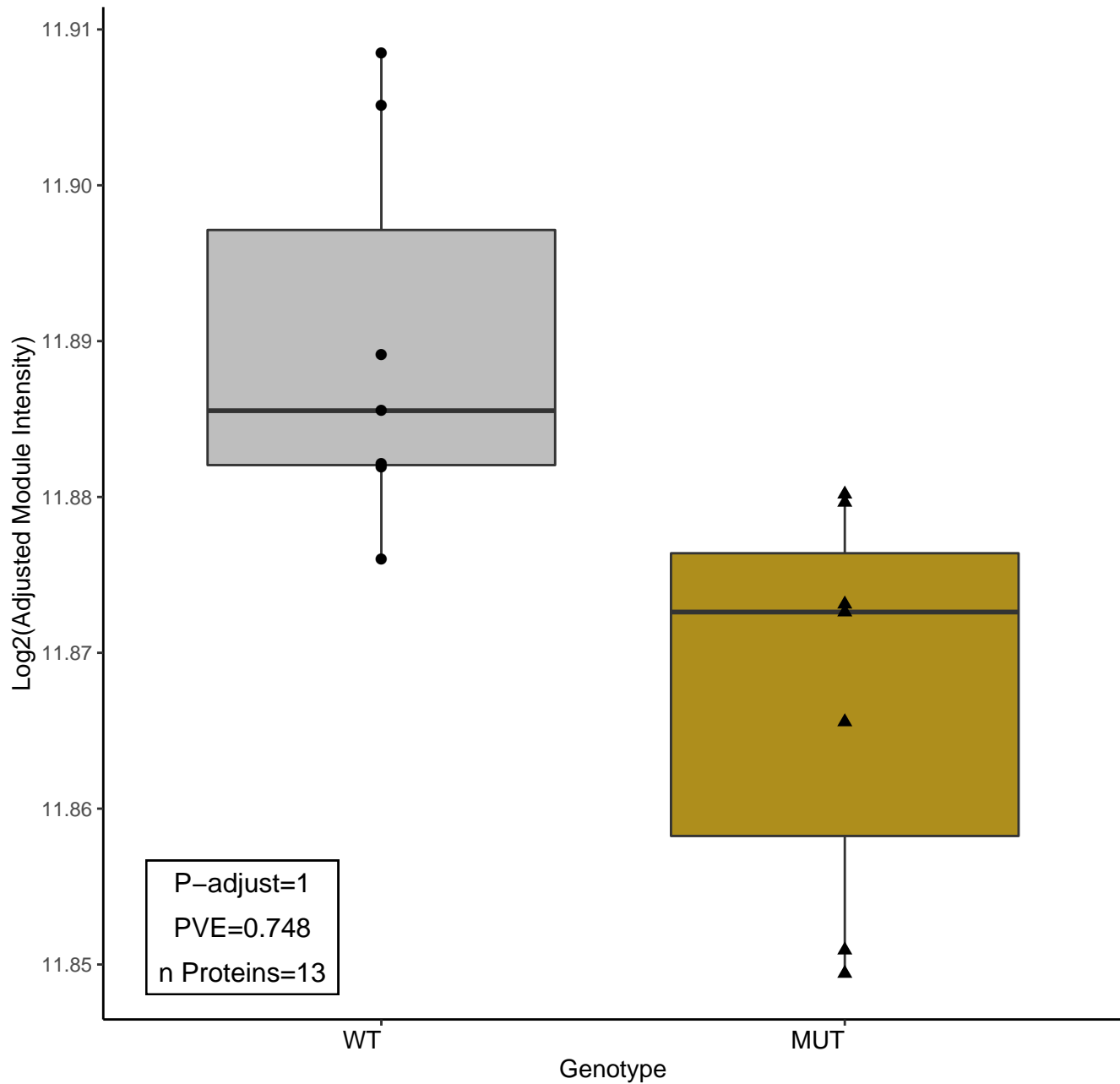
M61



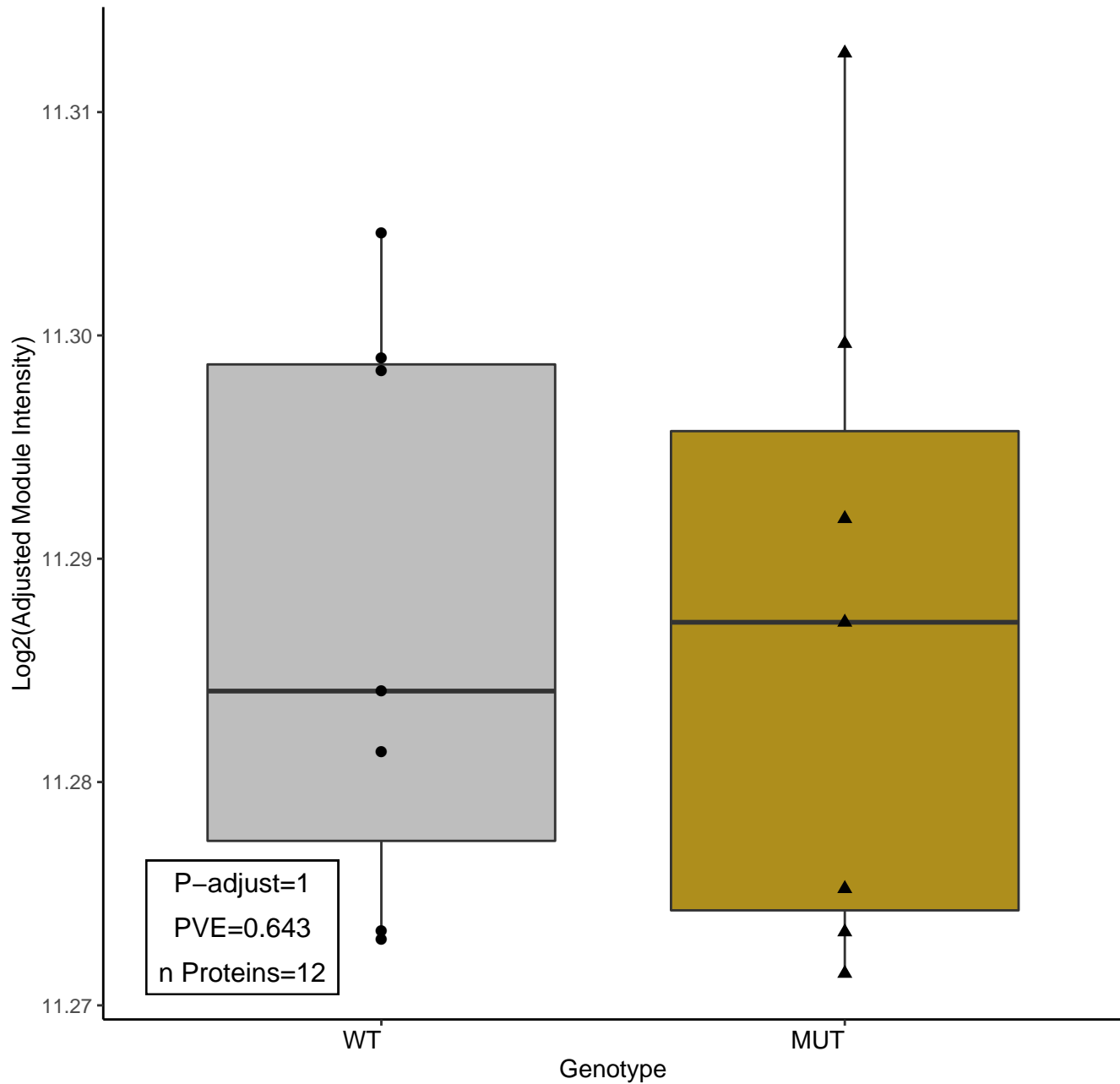
M62



M63



M64



M65

Log2(Adjusted Module Intensity)

13.17

13.16

13.15

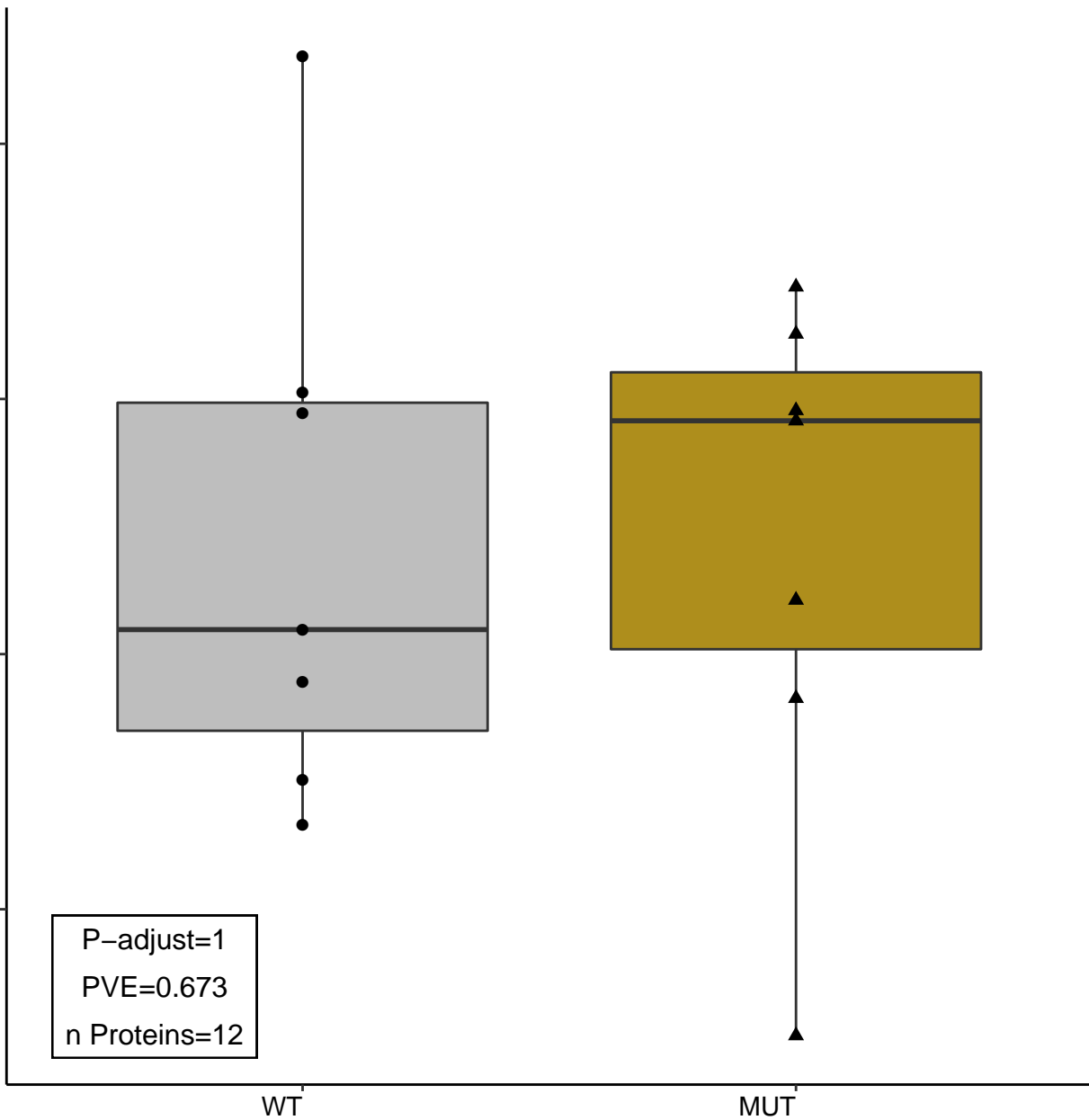
13.14

P-adjust=1
PVE=0.673
n Proteins=12

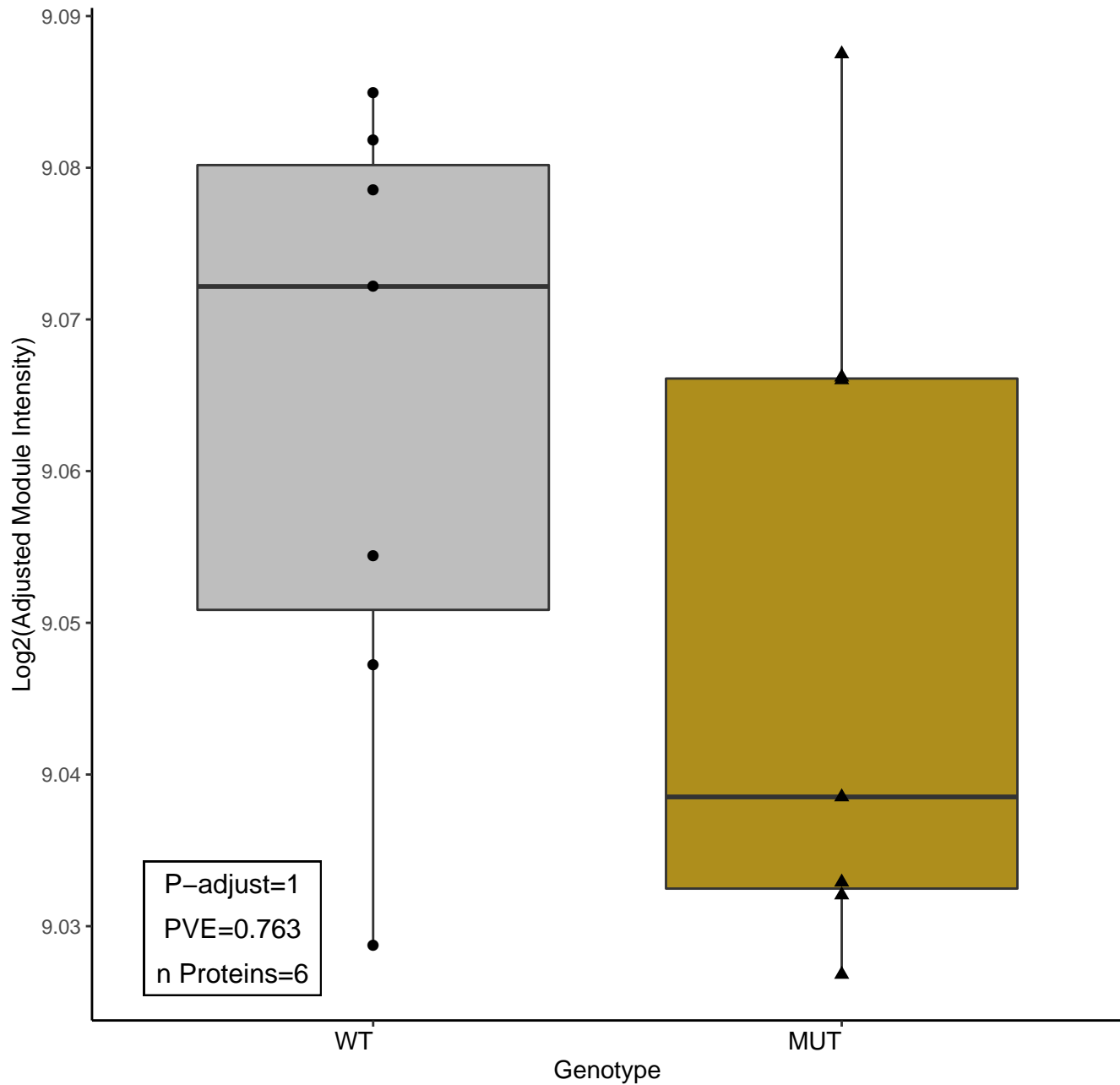
WT

Genotype

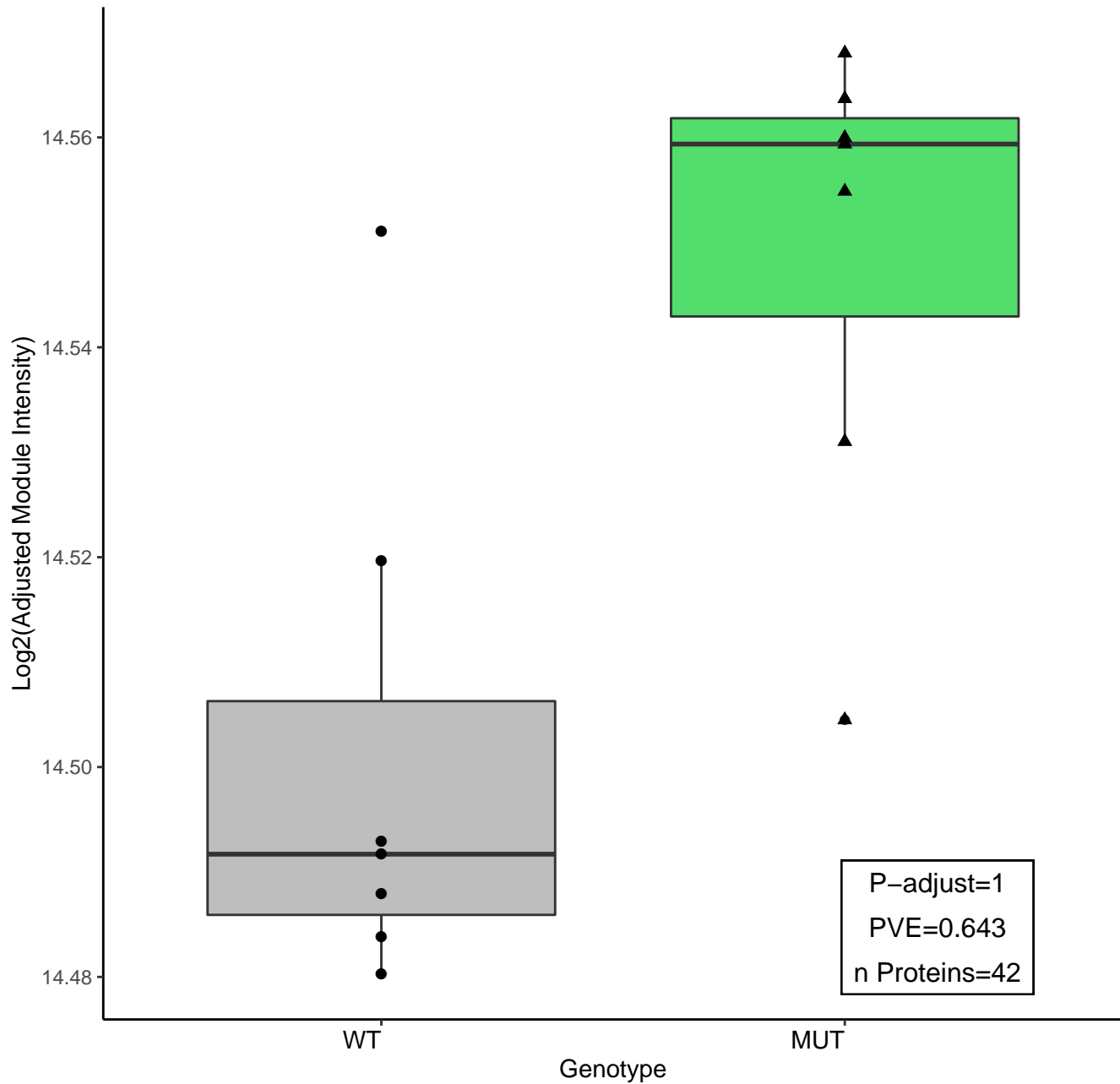
MUT



M66



M67



M68

Log2(Adjusted Module Intensity)

13.76

13.74

13.72

13.70

WT

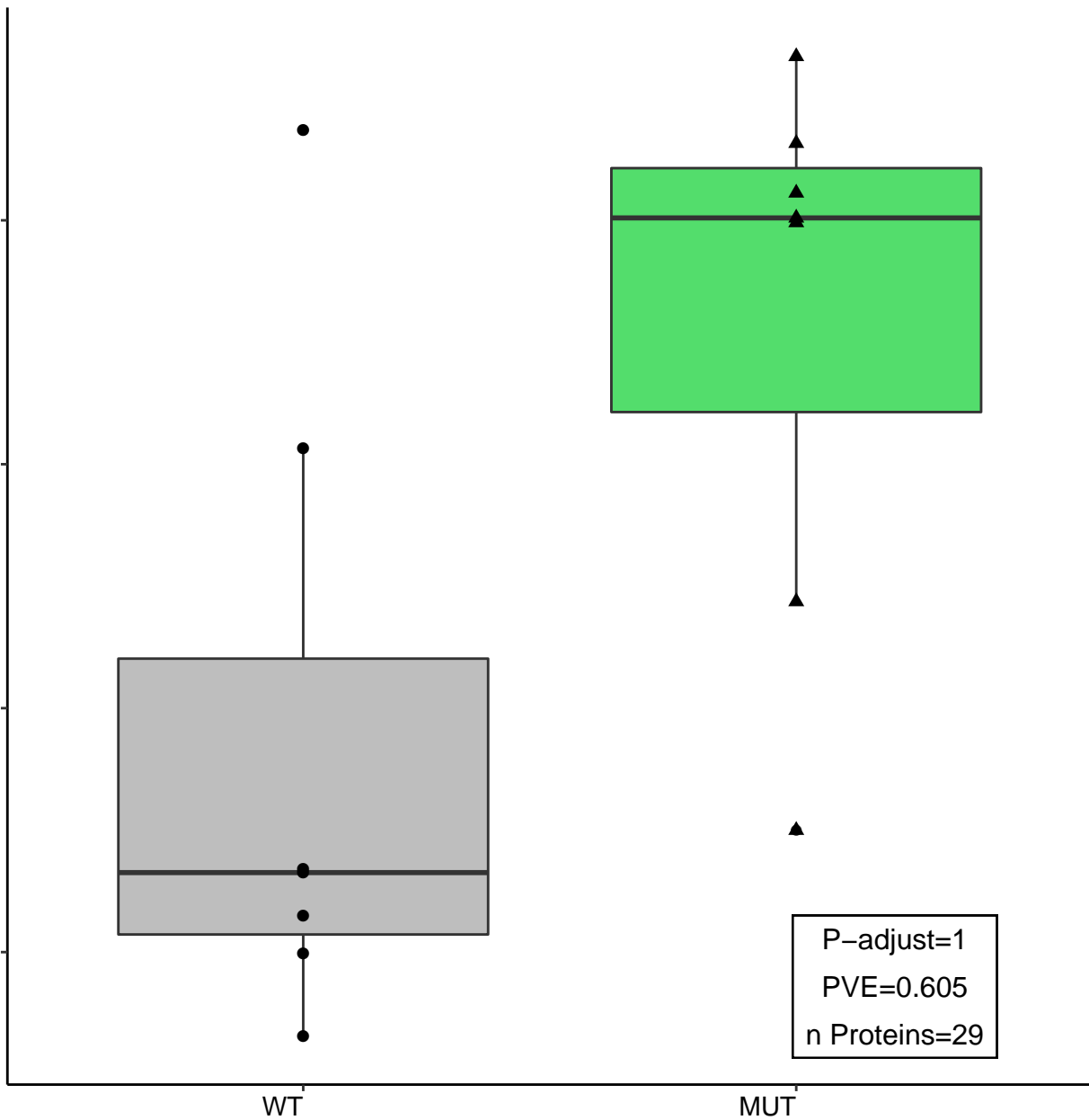
Genotype

MUT

P-adjust=1

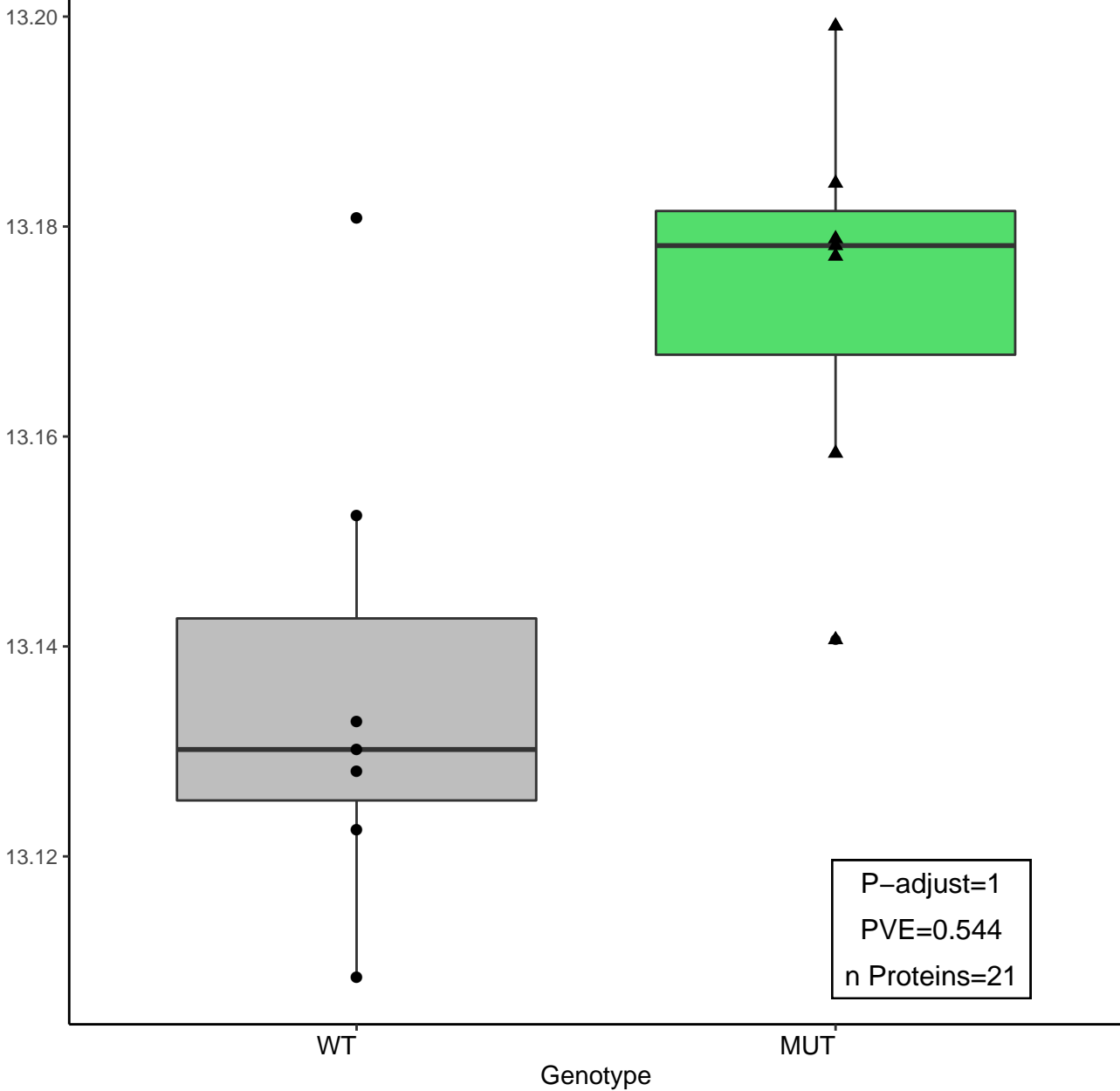
PVE=0.605

n Proteins=29



M69

Log2(Adjusted Module Intensity)



M70

Log2(Adjusted Module Intensity)

13.10

13.05

13.00

WT

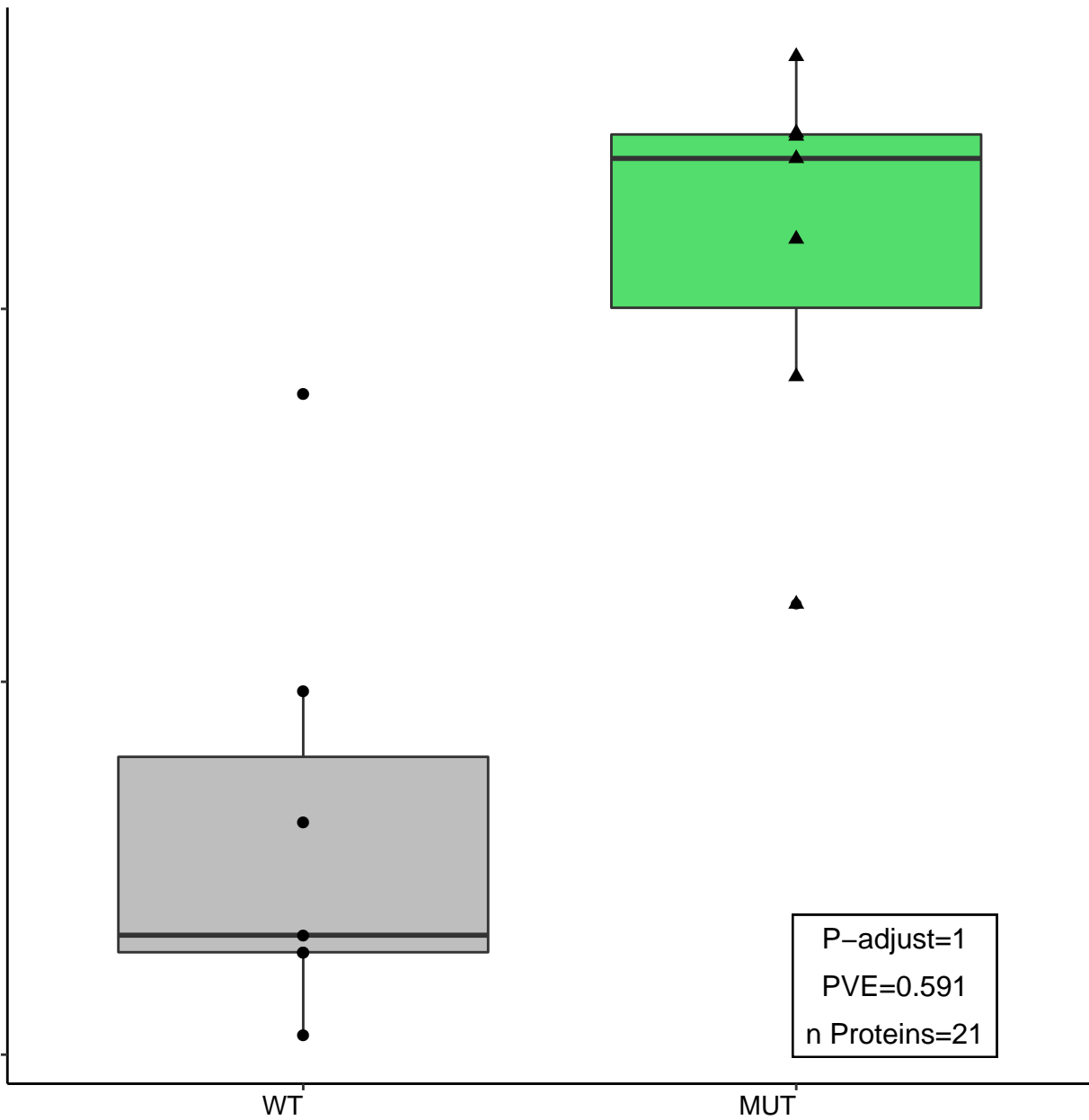
MUT

Genotype

P-adjust=1

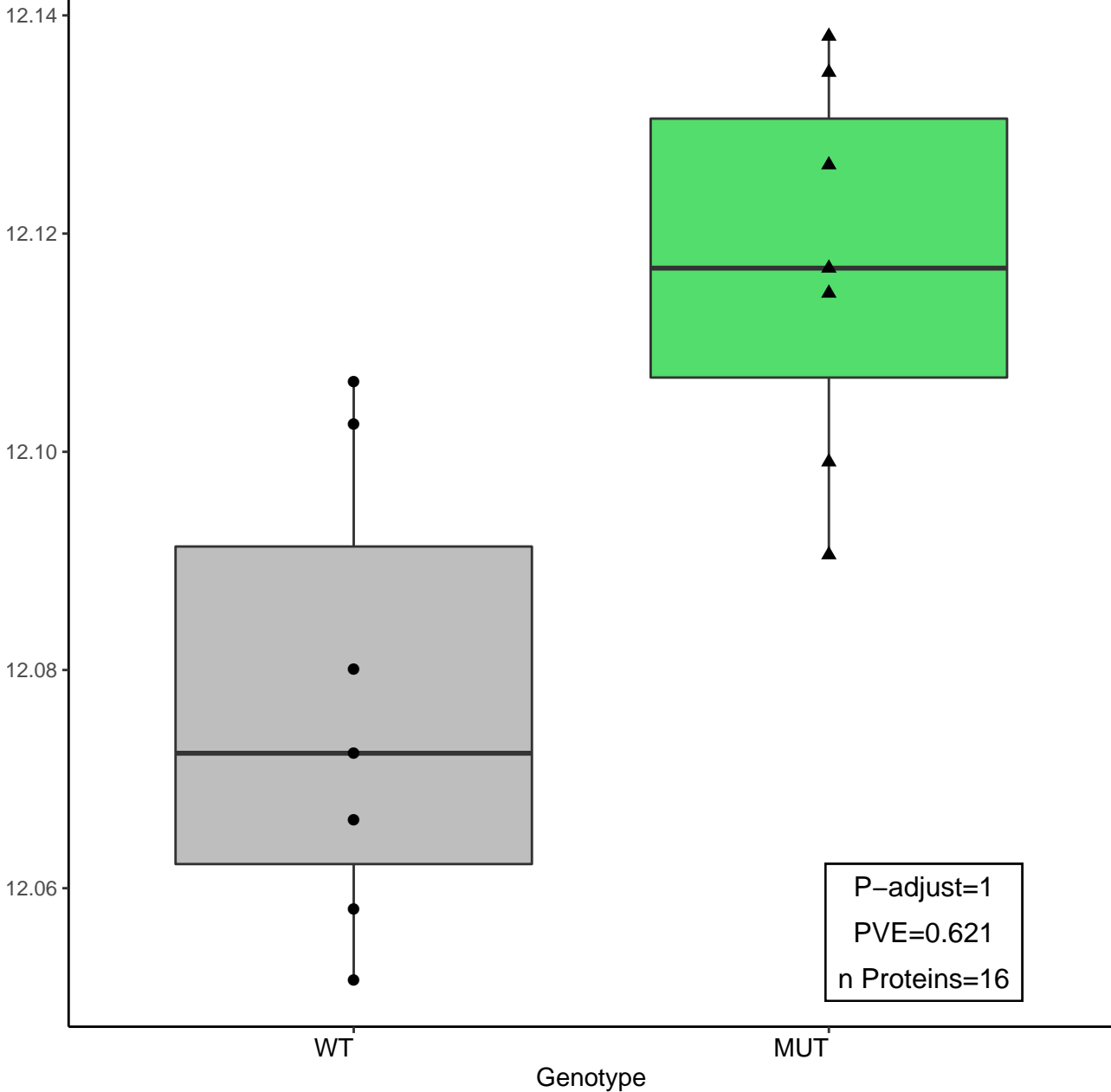
PVE=0.591

n Proteins=21

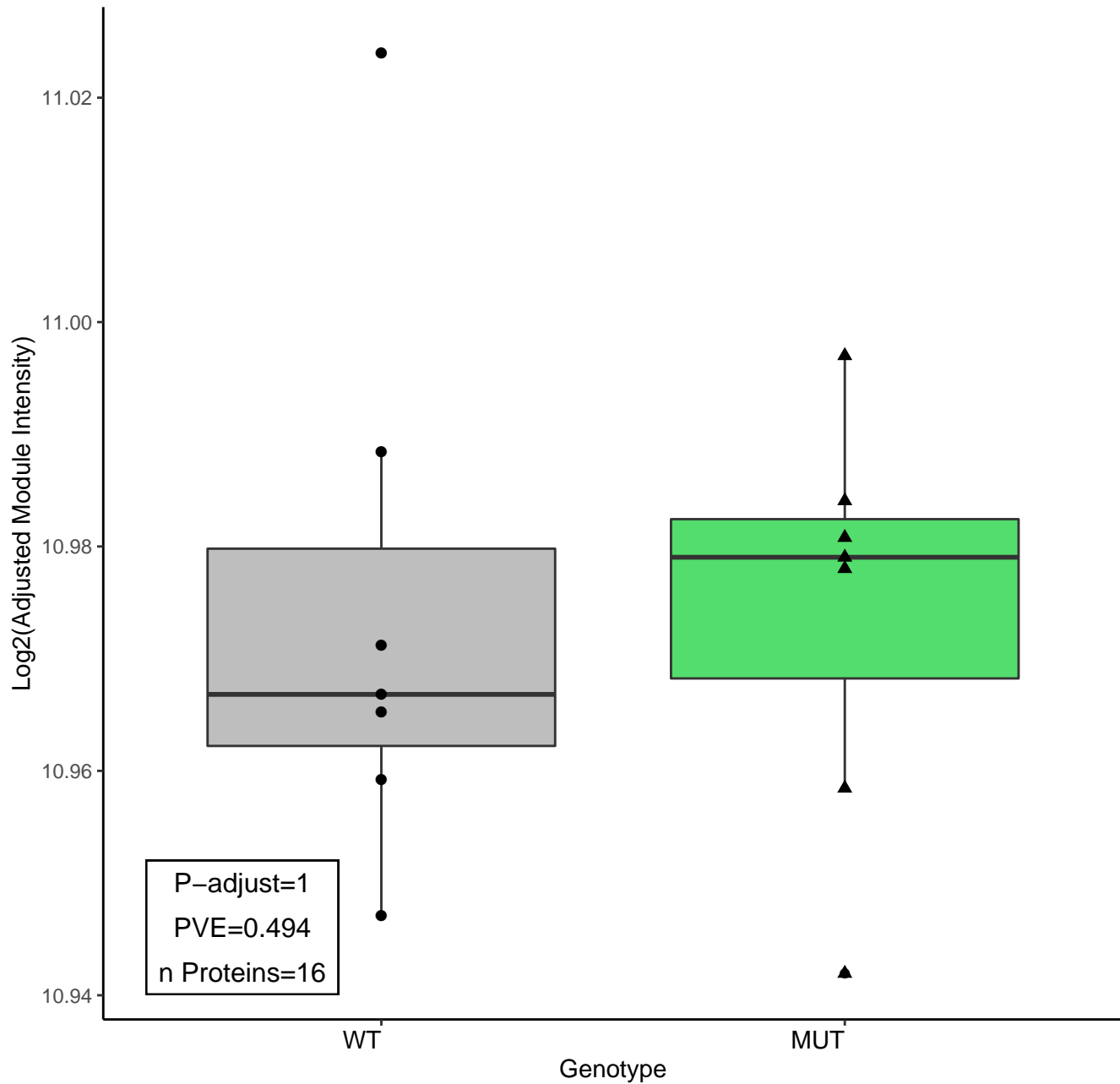


M71

Log2(Adjusted Module Intensity)



M72



M73

Log2(Adjusted Module Intensity)

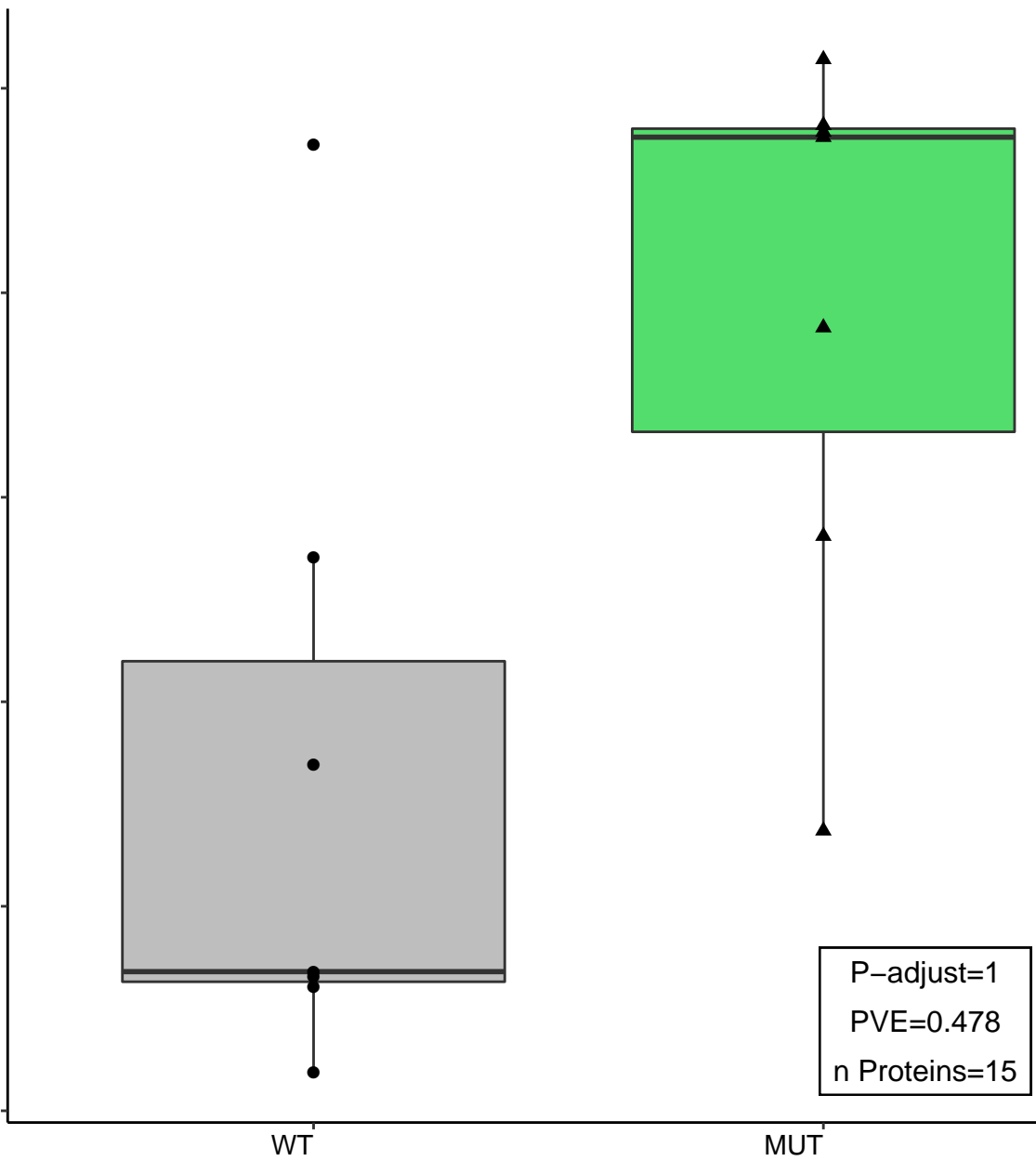
11.16
11.14
11.12
11.10
11.08
11.06

WT

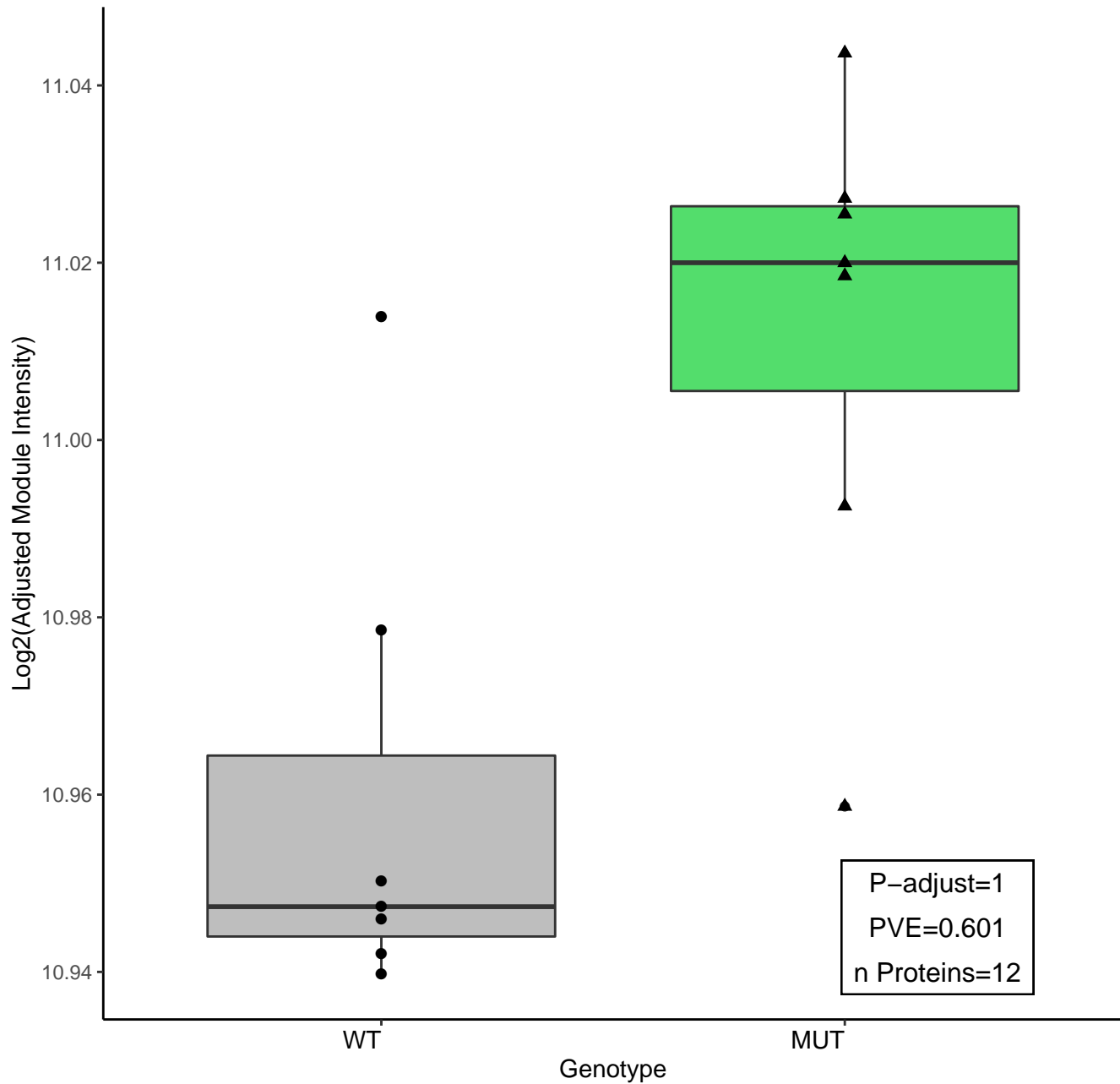
MUT

Genotype

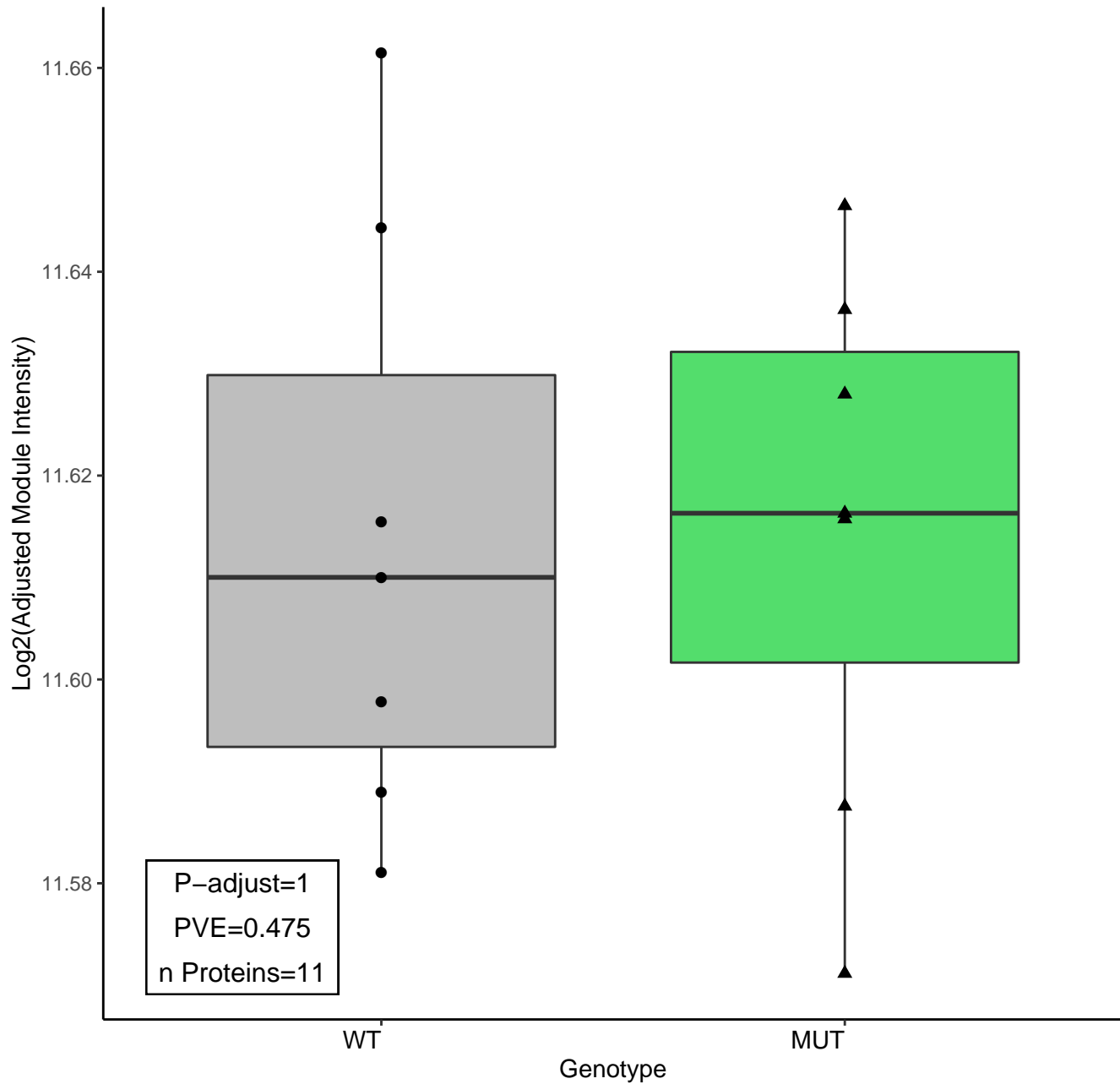
P-adjust=1
PVE=0.478
n Proteins=15



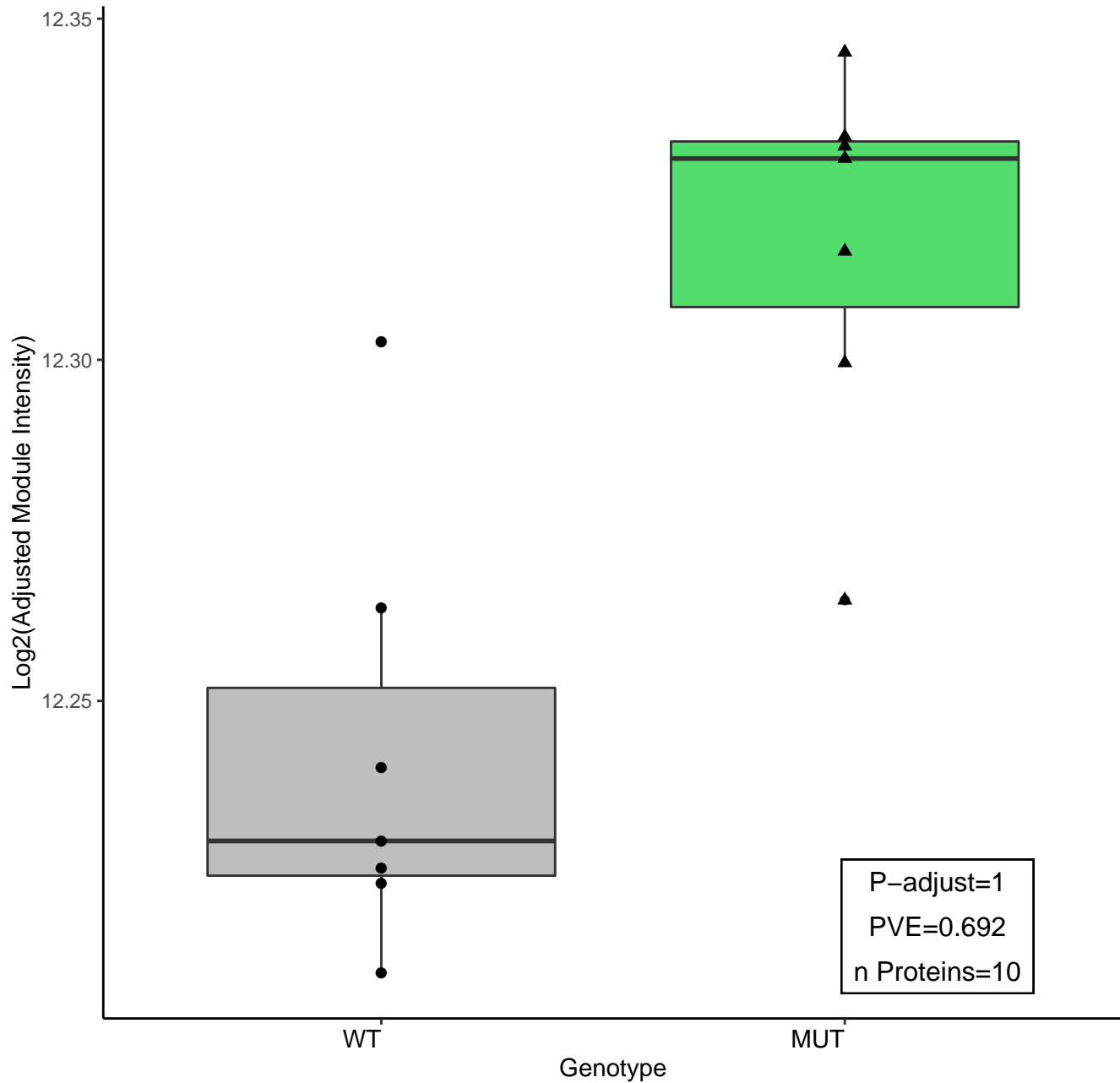
M74

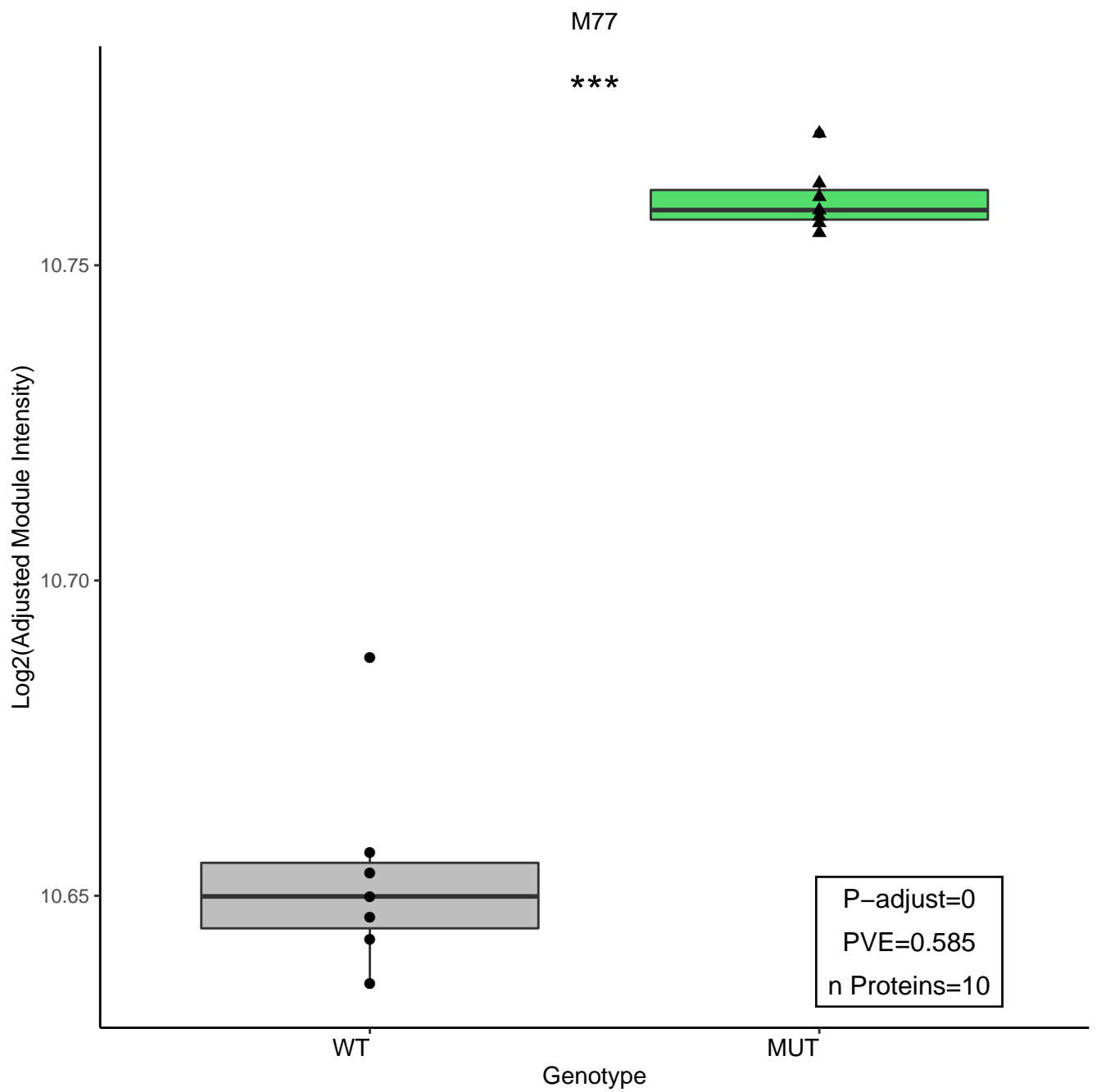


M75

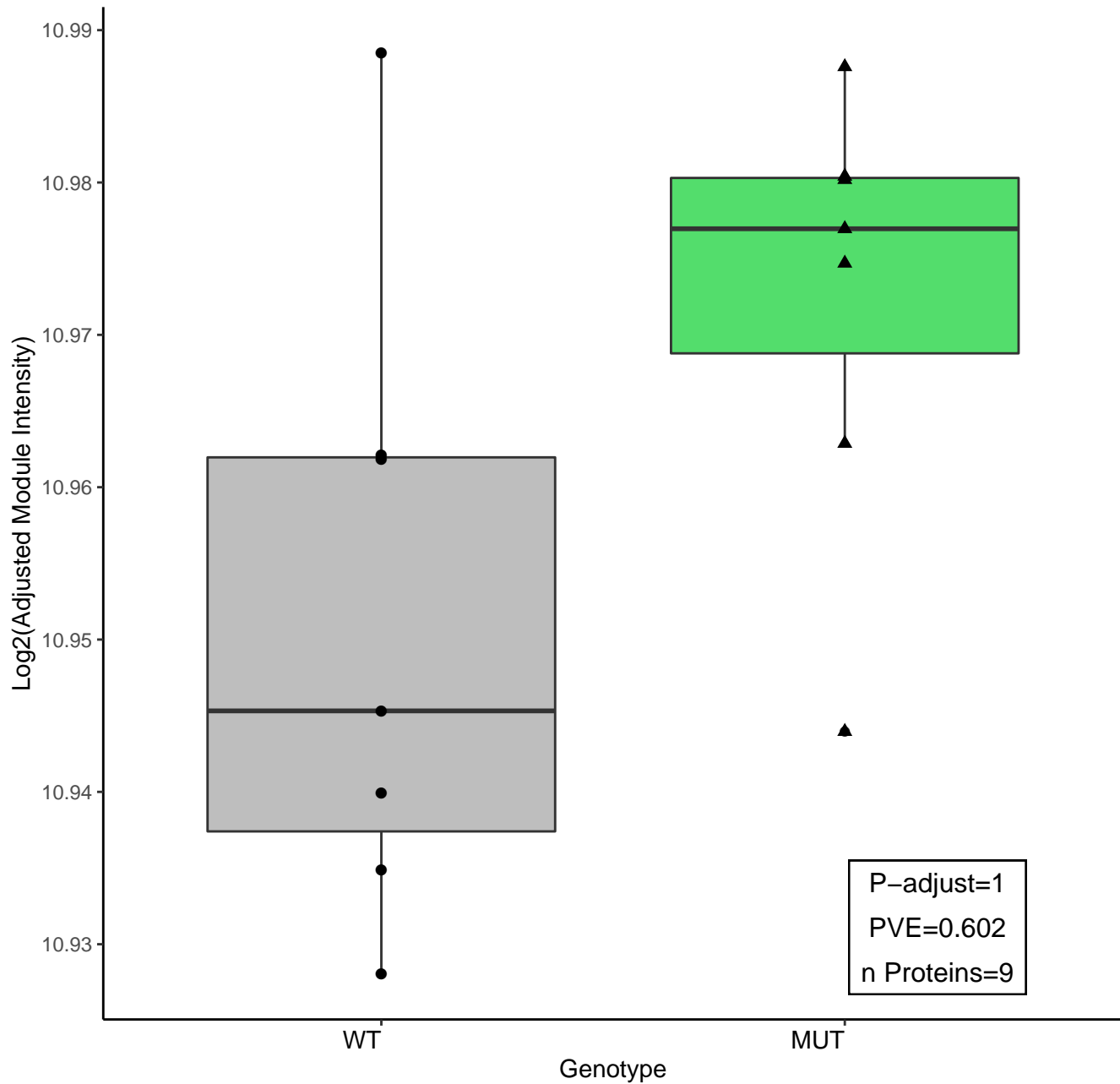


M76

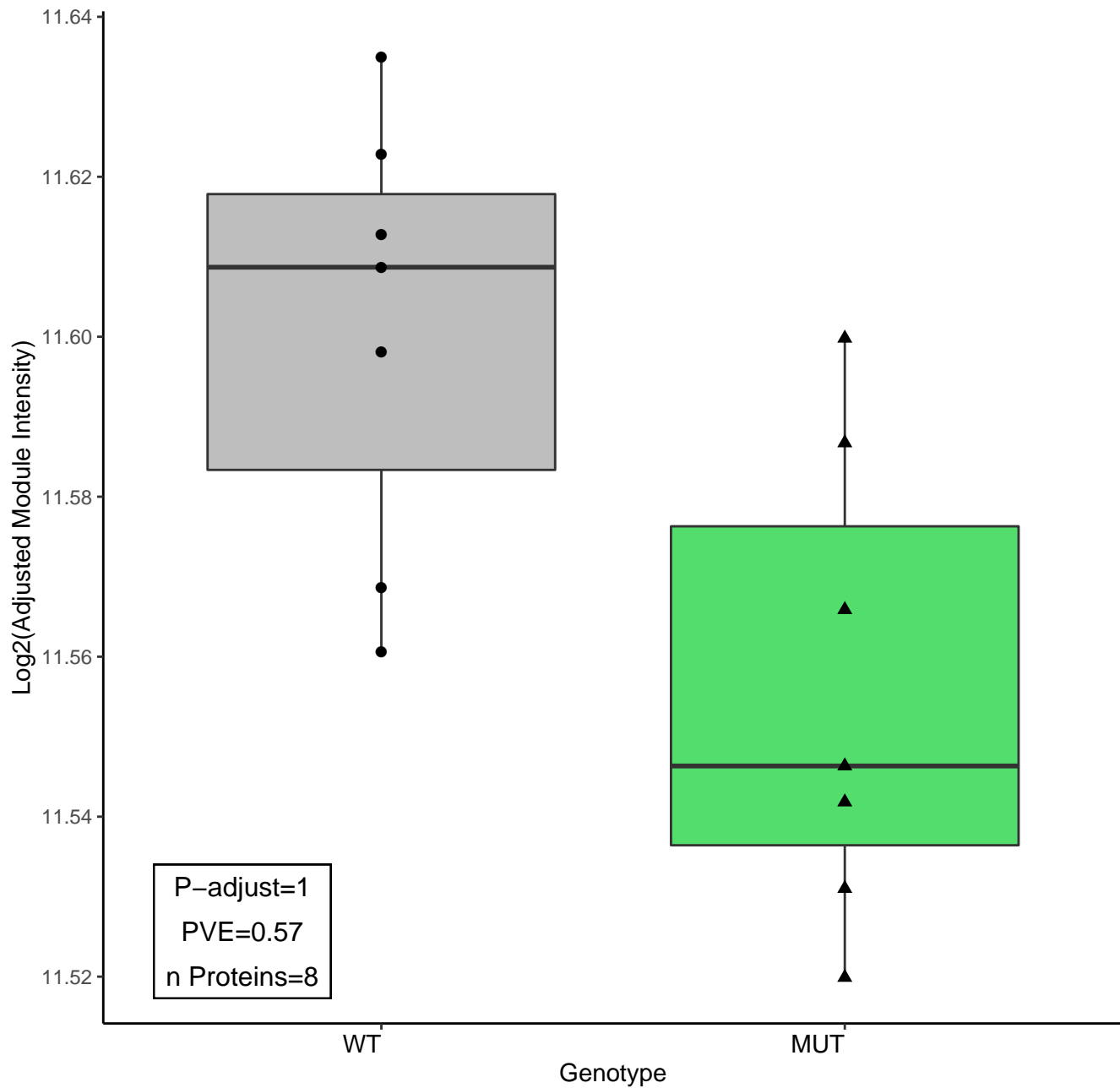




M78



M79



M80

Log2(Adjusted Module Intensity)

9.55

9.50

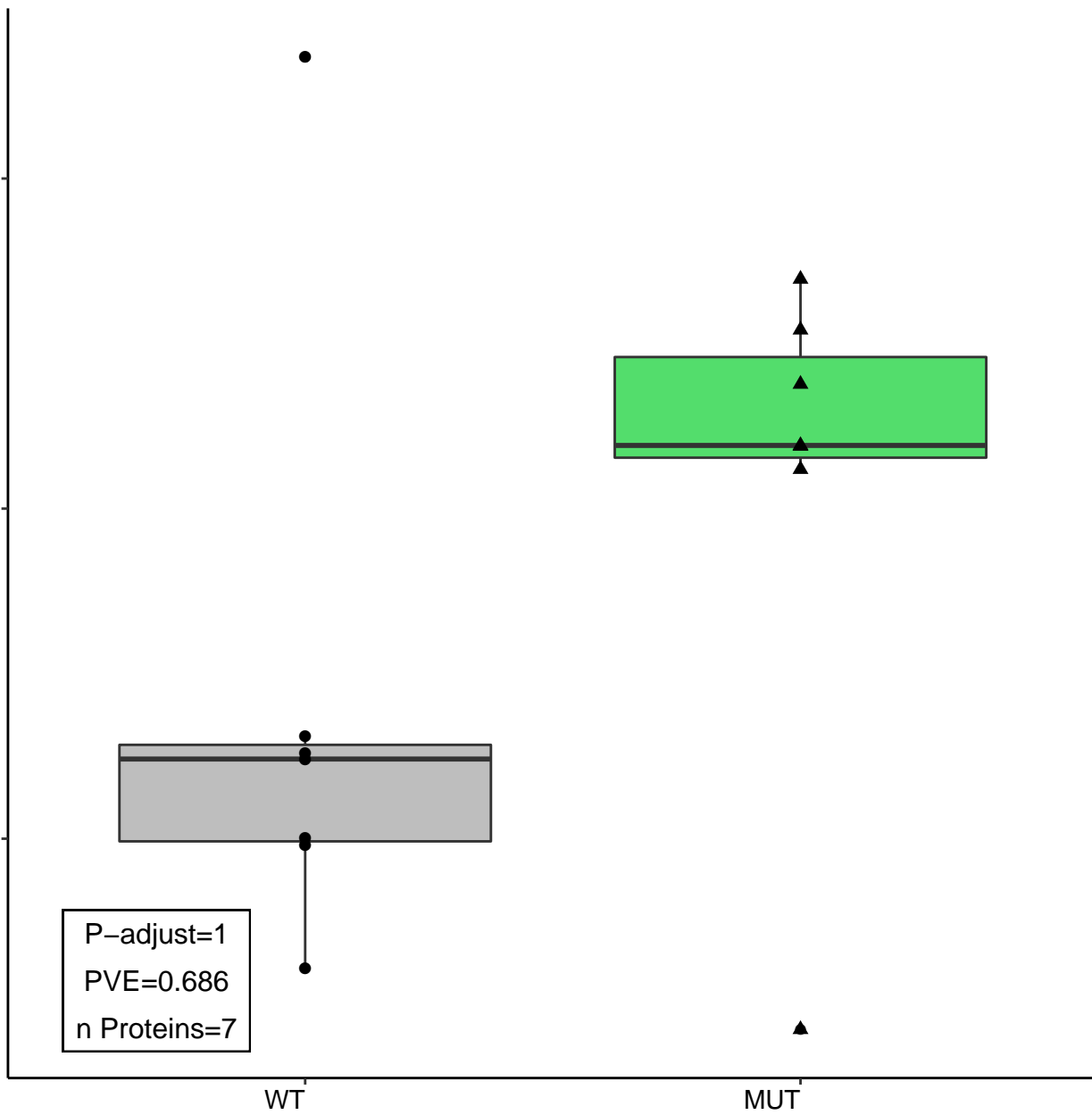
9.45

P-adjust=1
PVE=0.686
n Proteins=7

WT

Genotype

MUT



M81

Log2(Adjusted Module Intensity)

9.75

9.70

9.65

9.60

WT

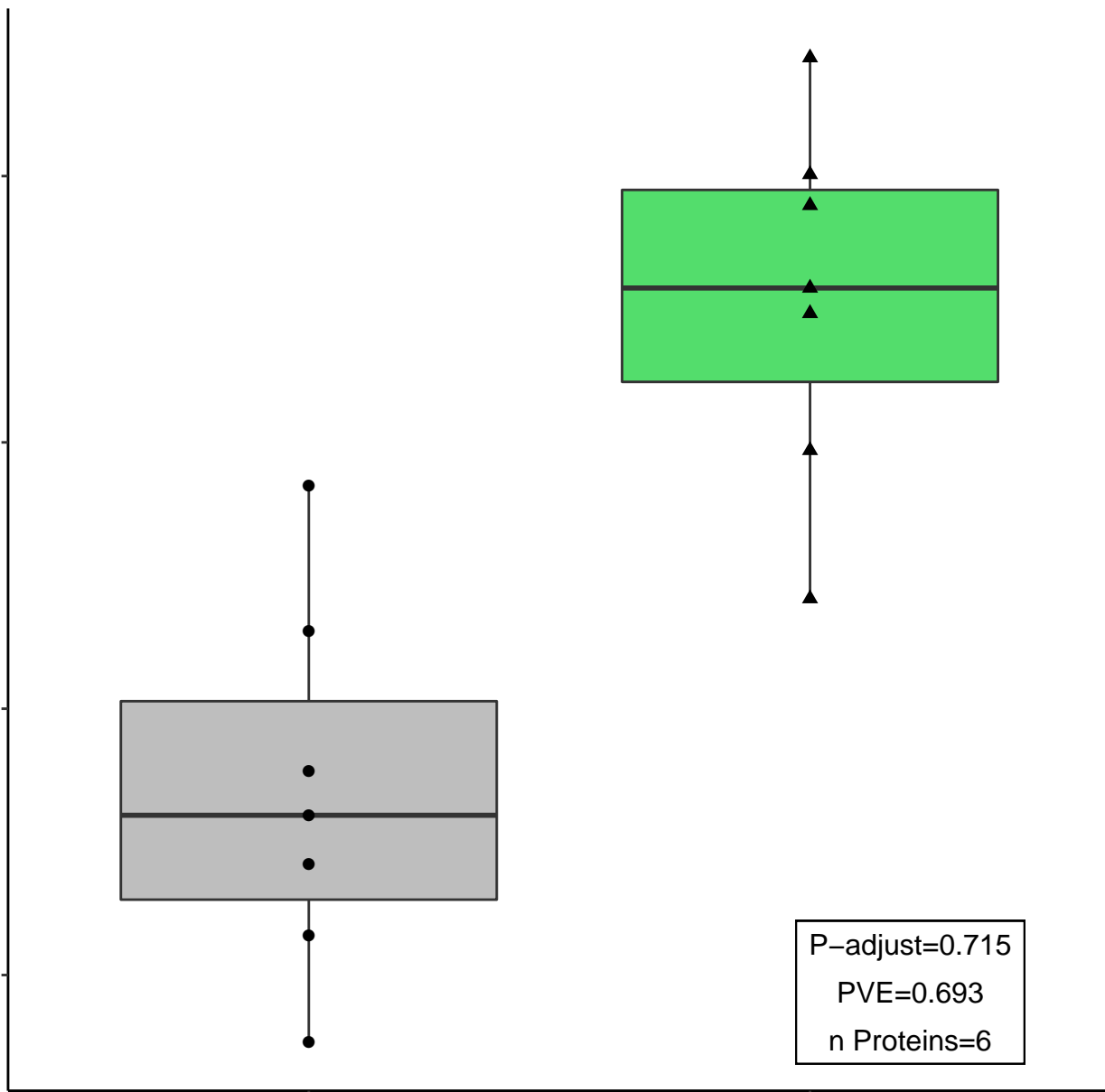
Genotype

MUT

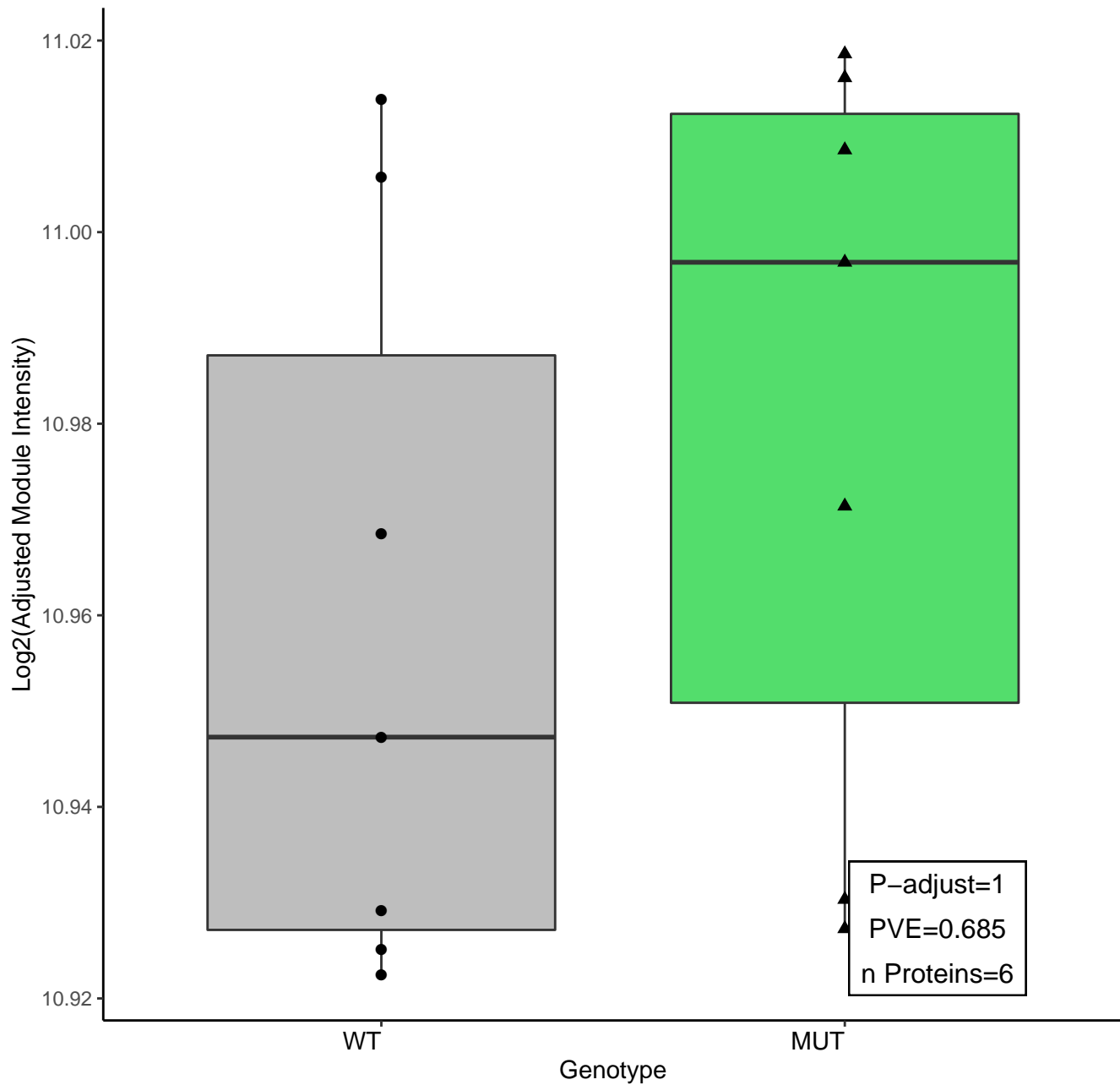
P-adjust=0.715

PVE=0.693

n Proteins=6



M82



M83

Log2(Adjusted Module Intensity)

15.20

15.15

15.10

15.05

WT

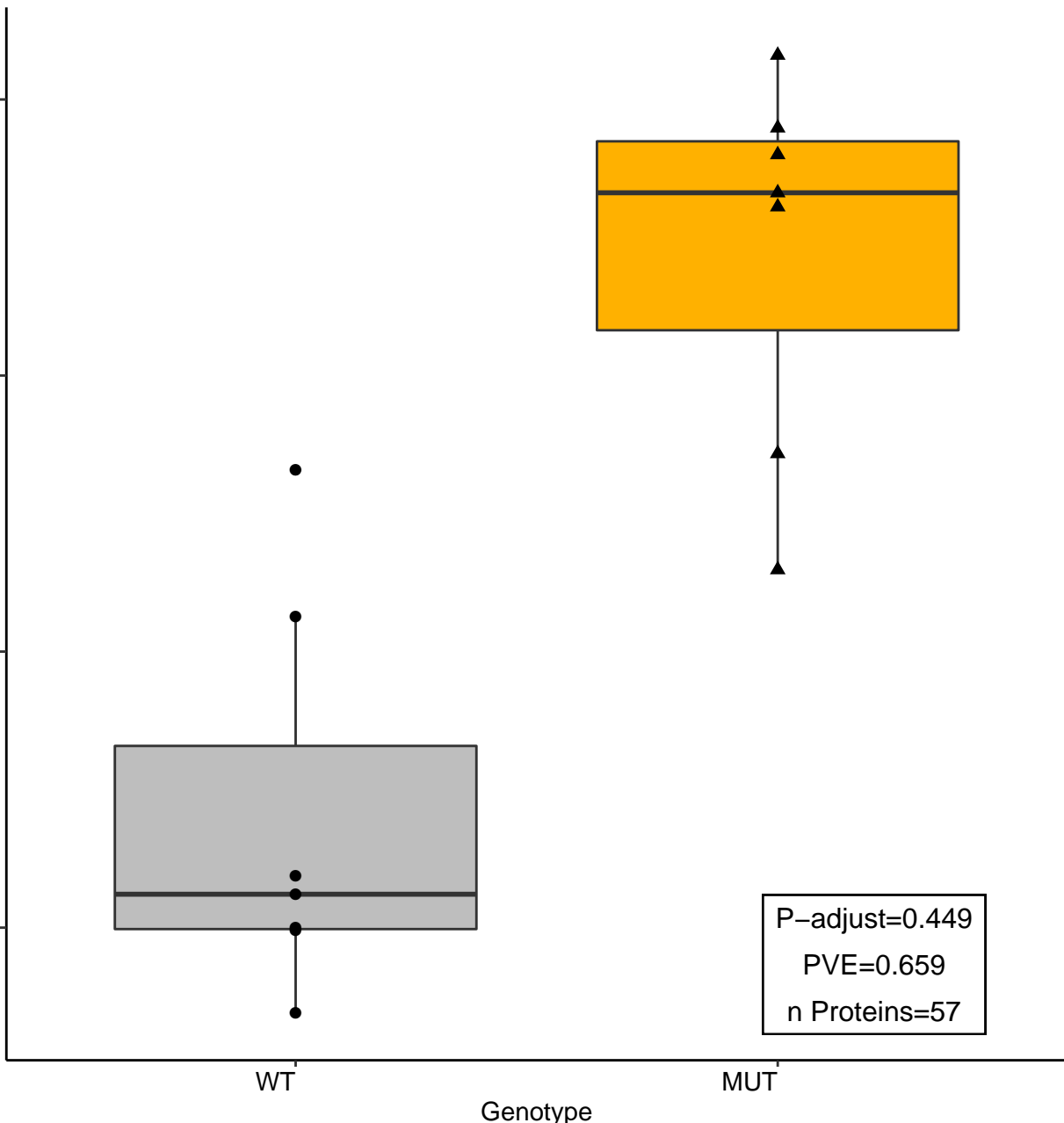
Genotype

MUT

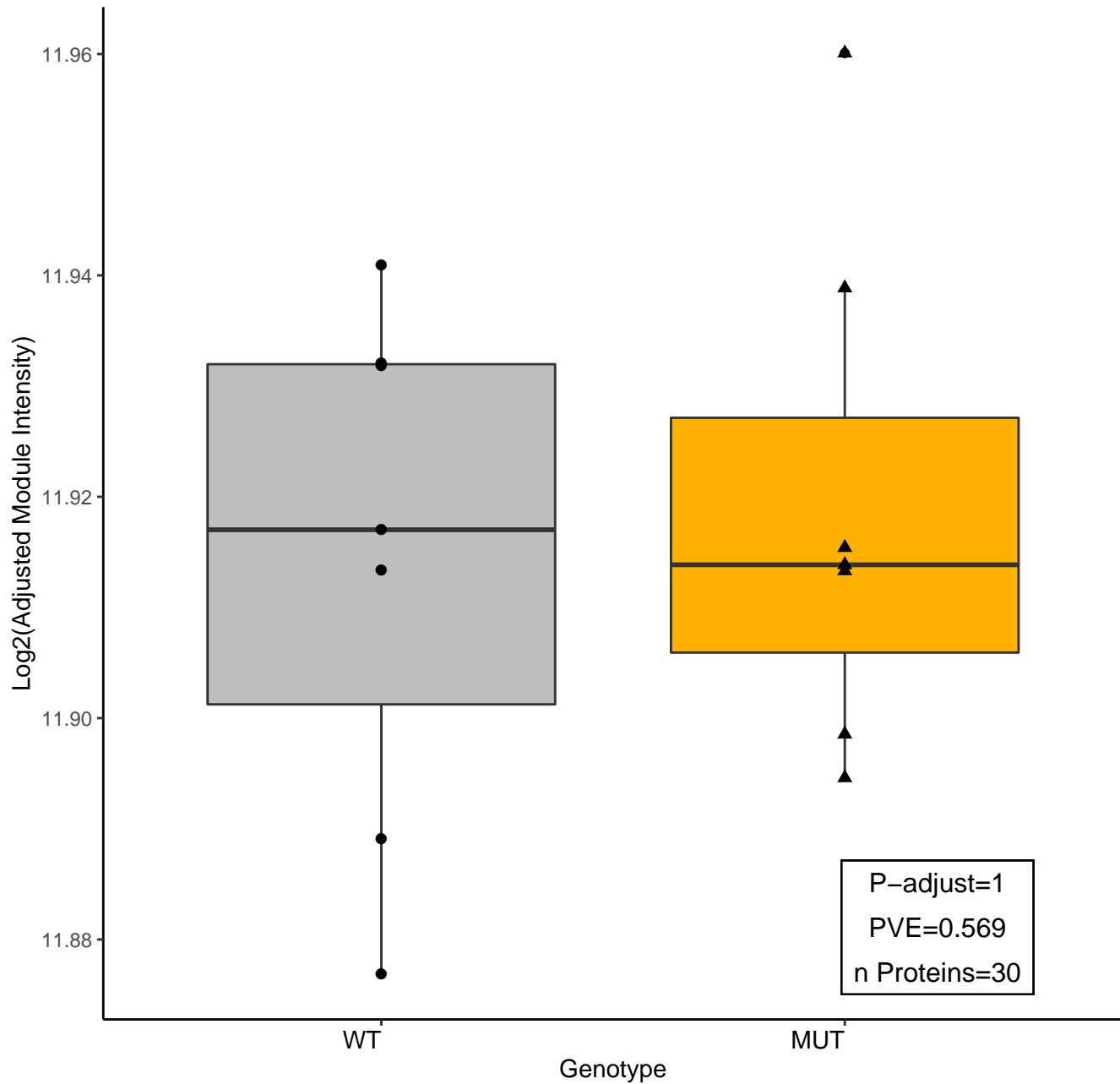
P-adjust=0.449

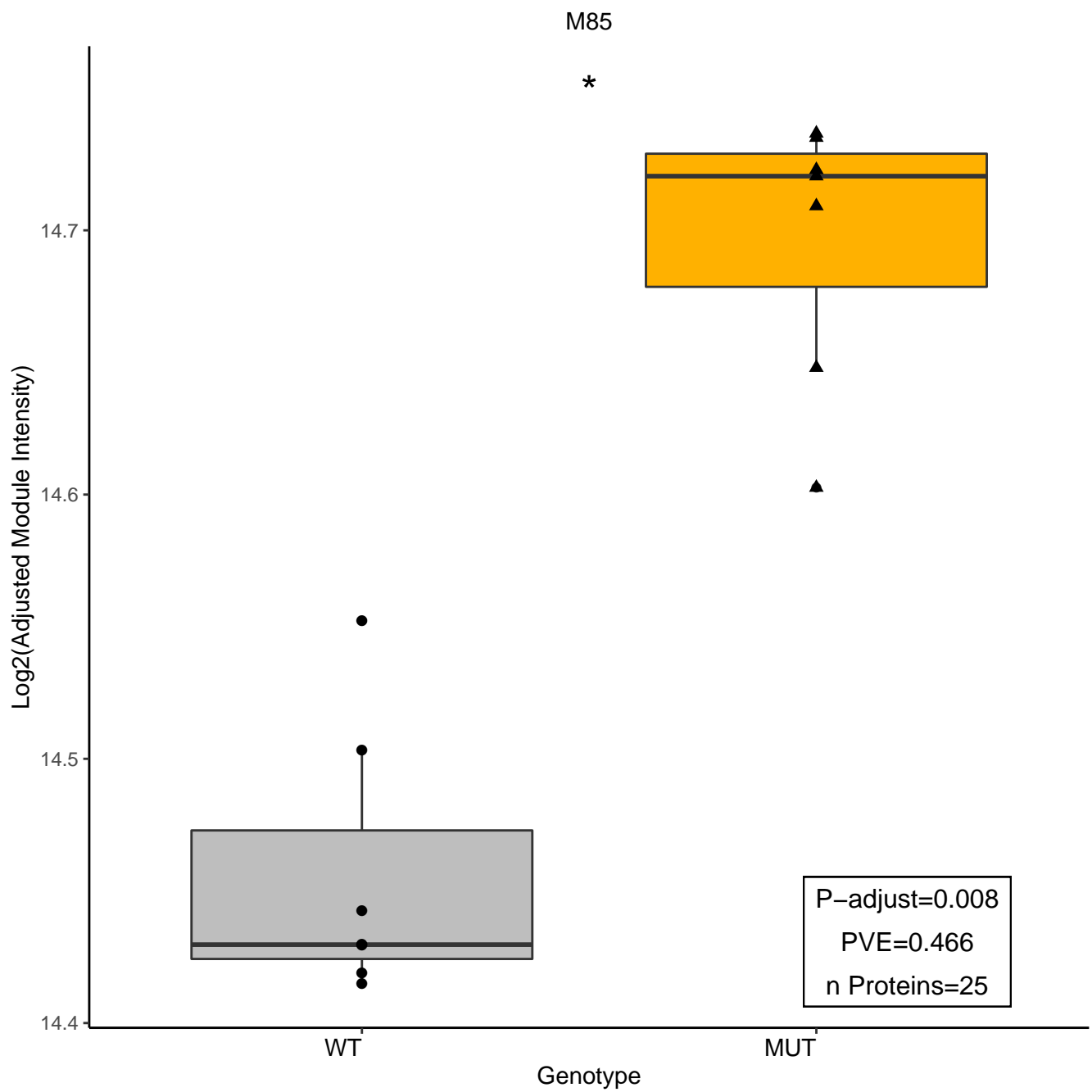
PVE=0.659

n Proteins=57



M84





M86

Log2(Adjusted Module Intensity)

11.58

11.56

11.54

11.52

11.50

11.48

WT

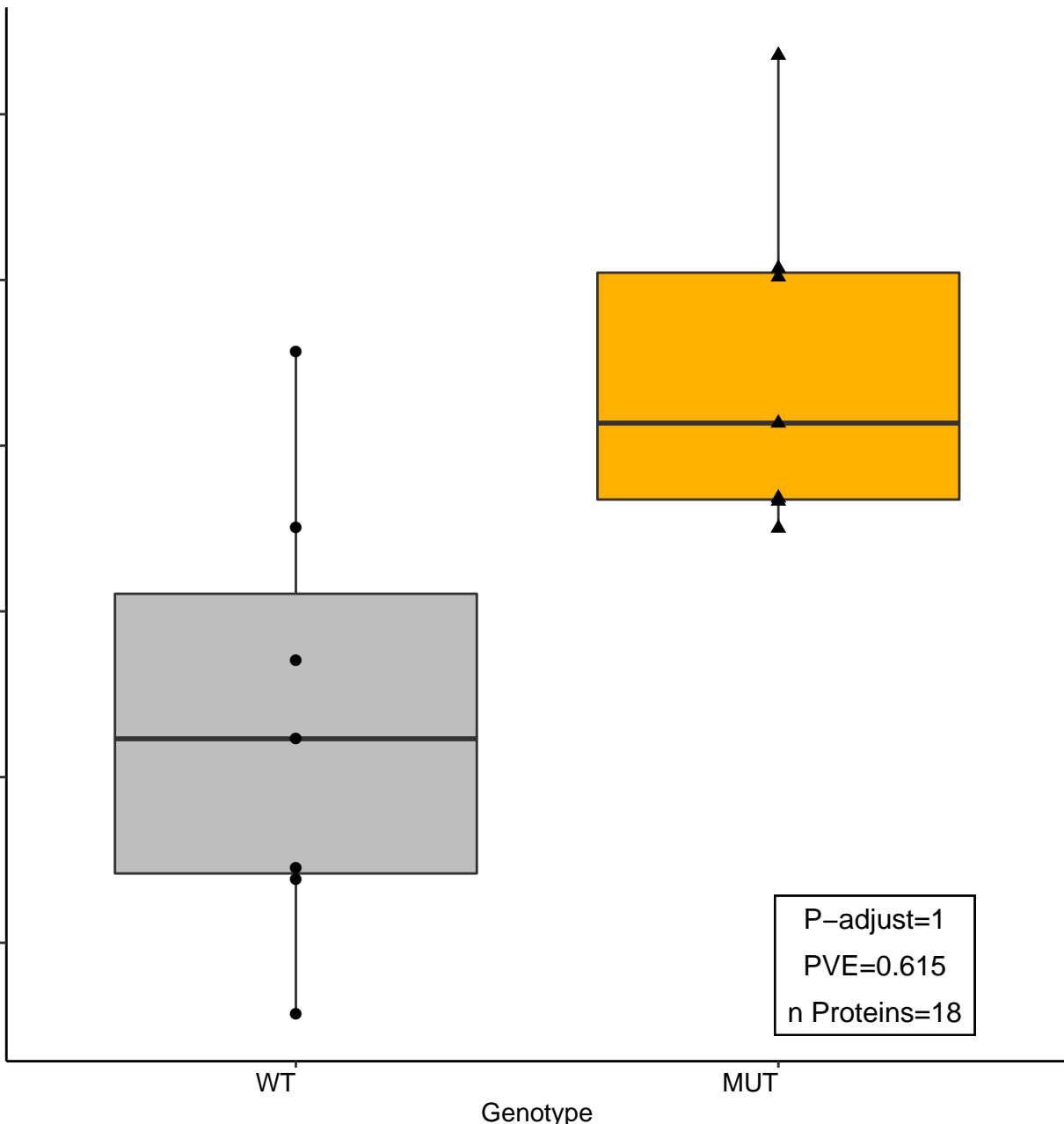
MUT

Genotype

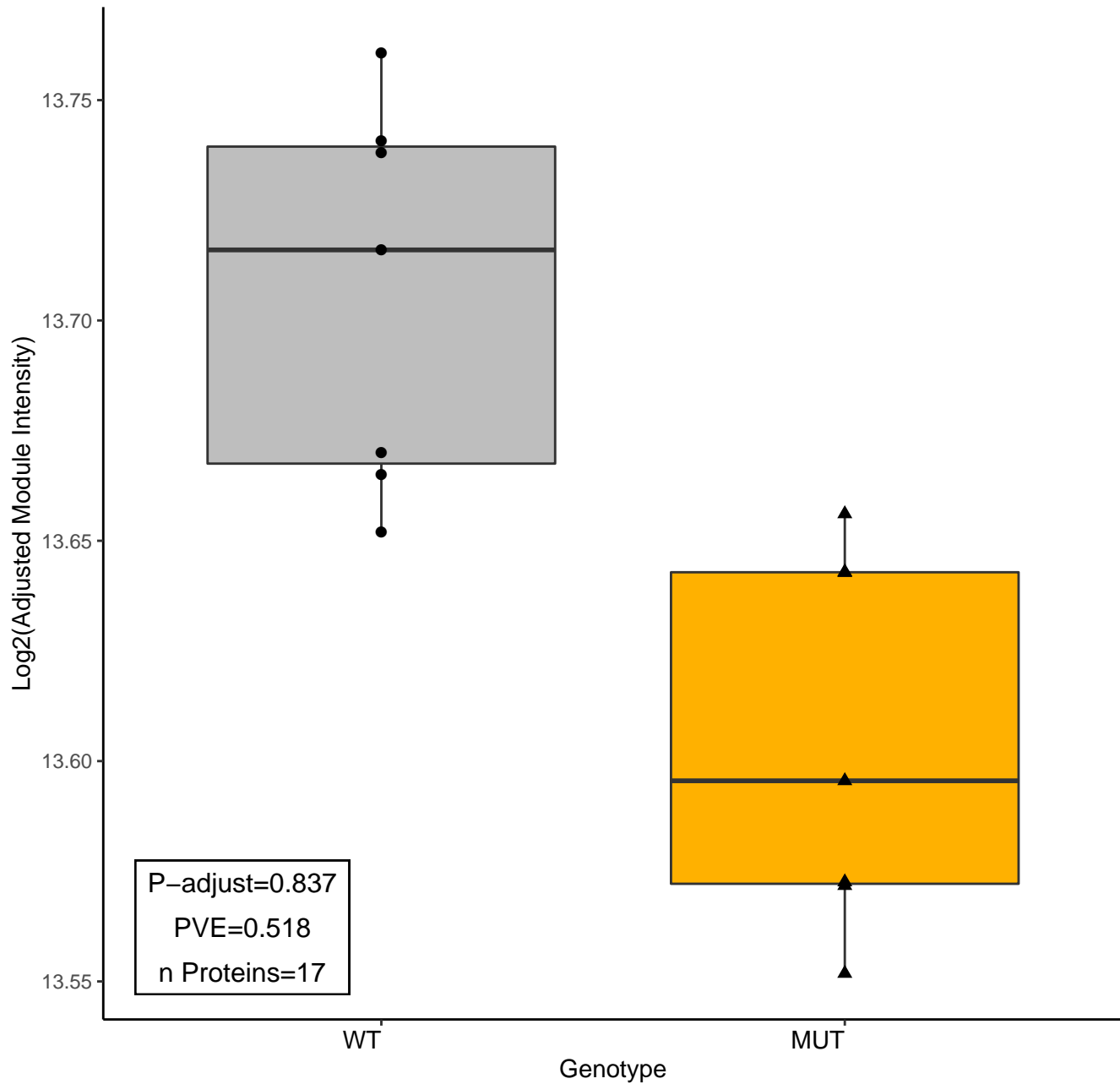
P-adjust=1

PVE=0.615

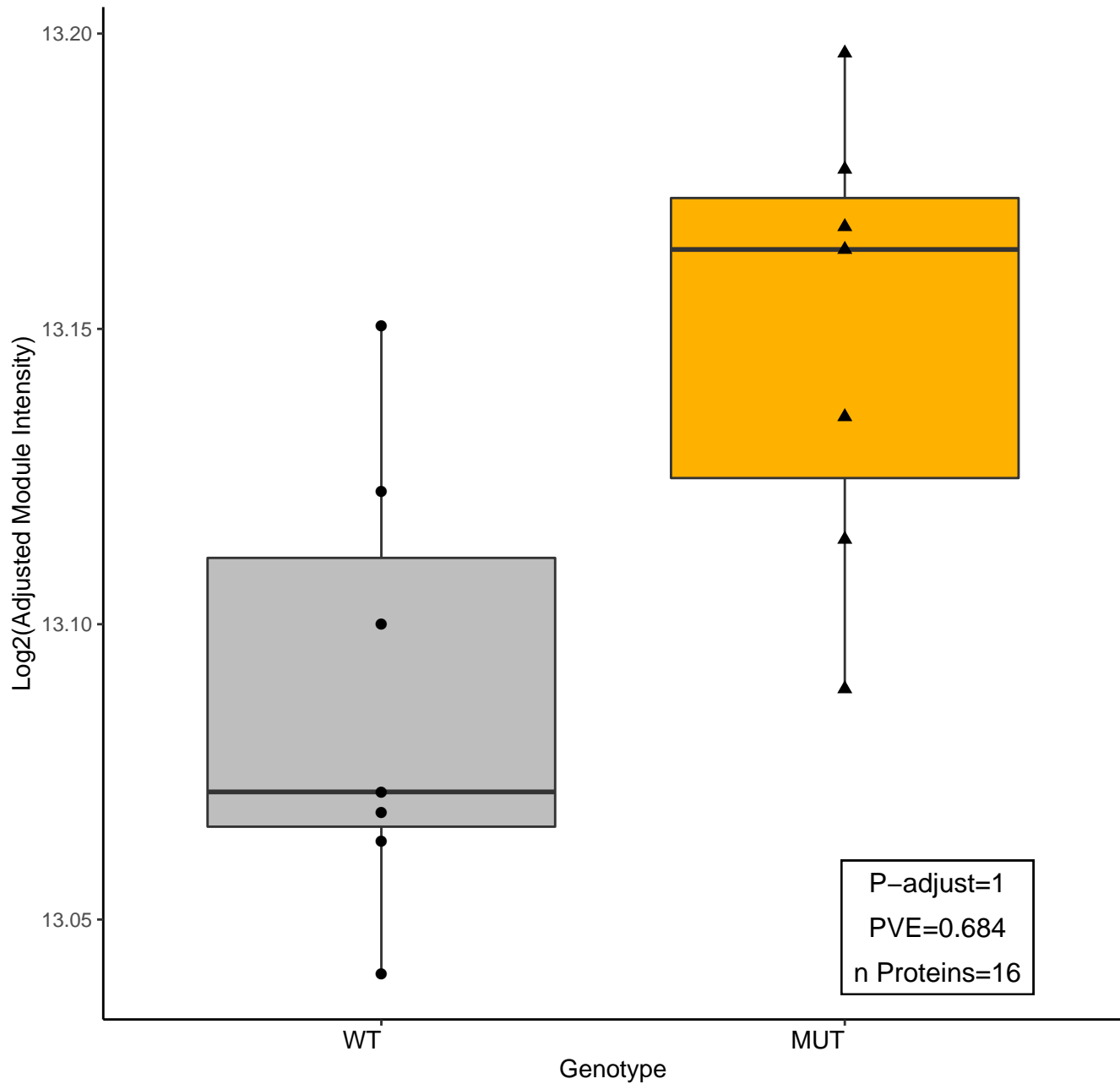
n Proteins=18



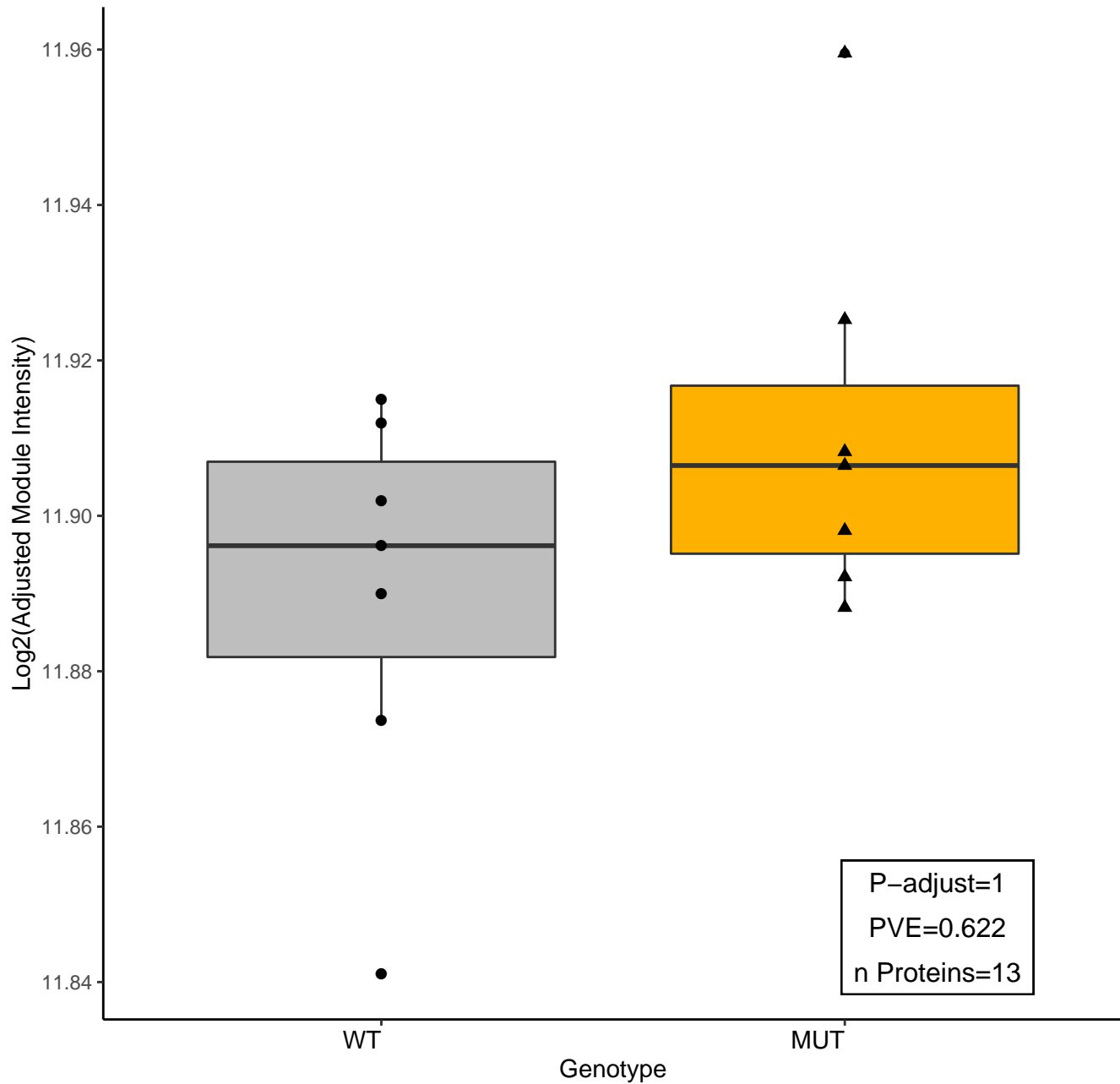
M87



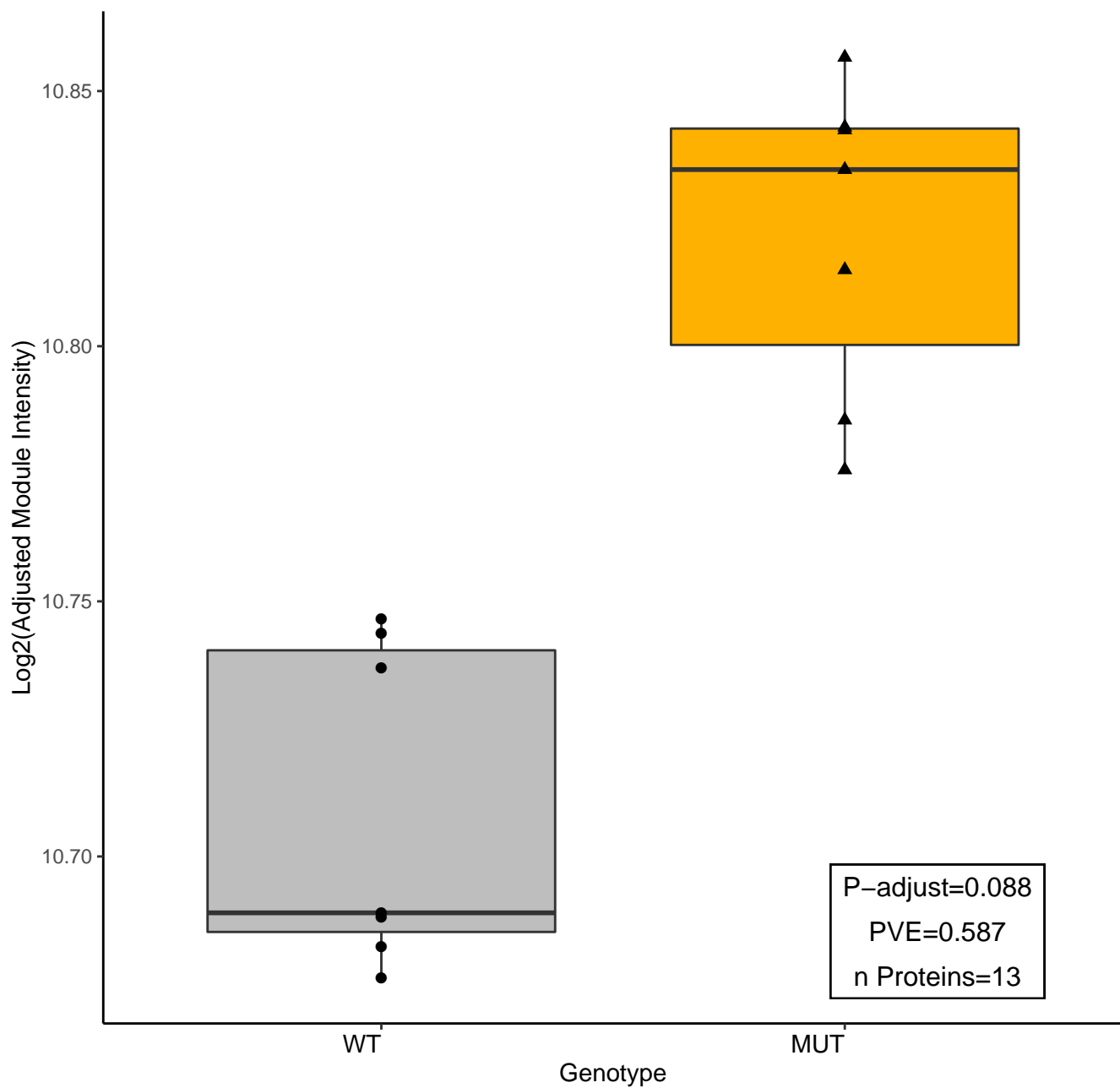
M88



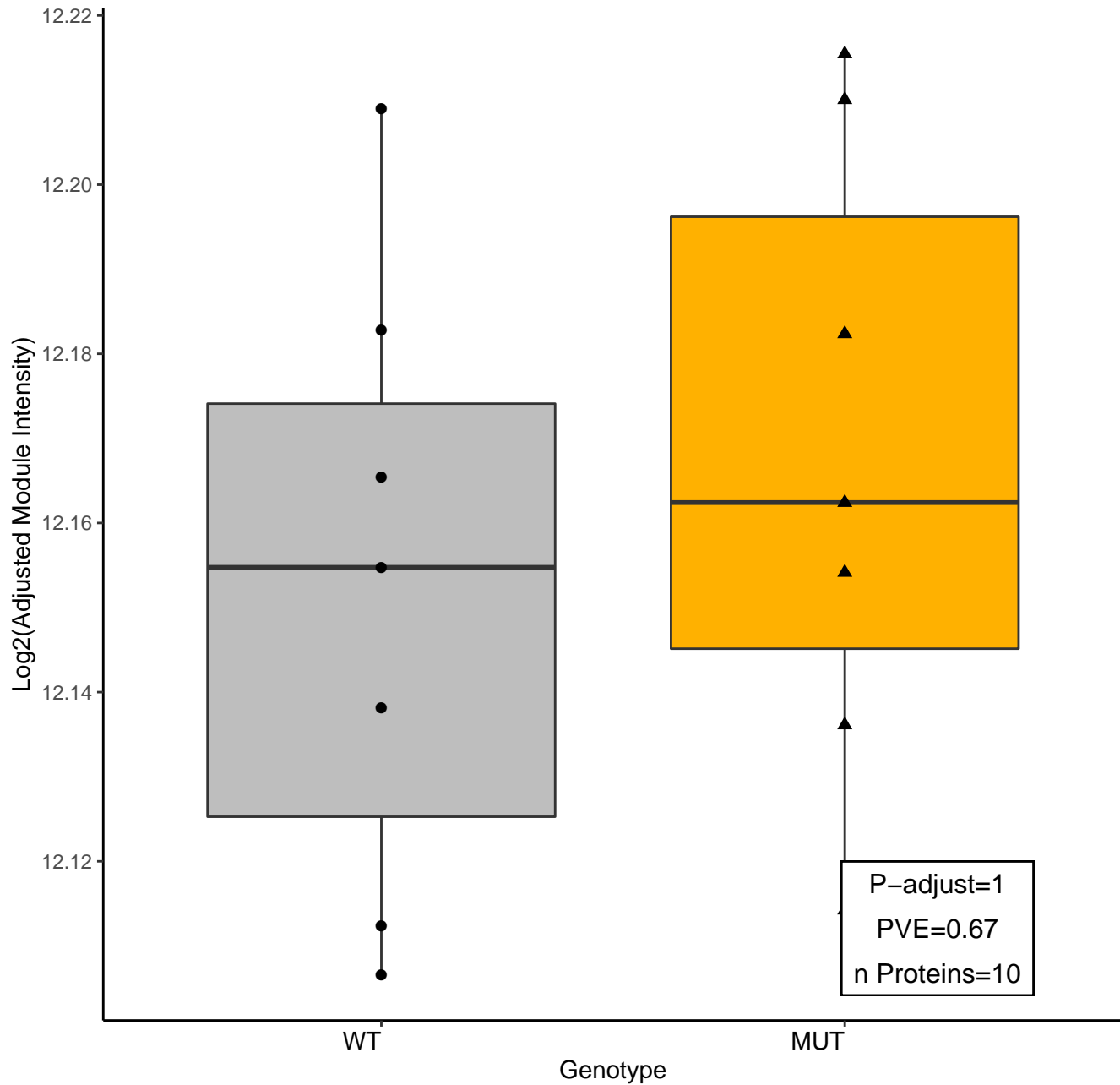
M89



M90



M91



M92

Log2(Adjusted Module Intensity)

9.20

9.15

9.10

WT

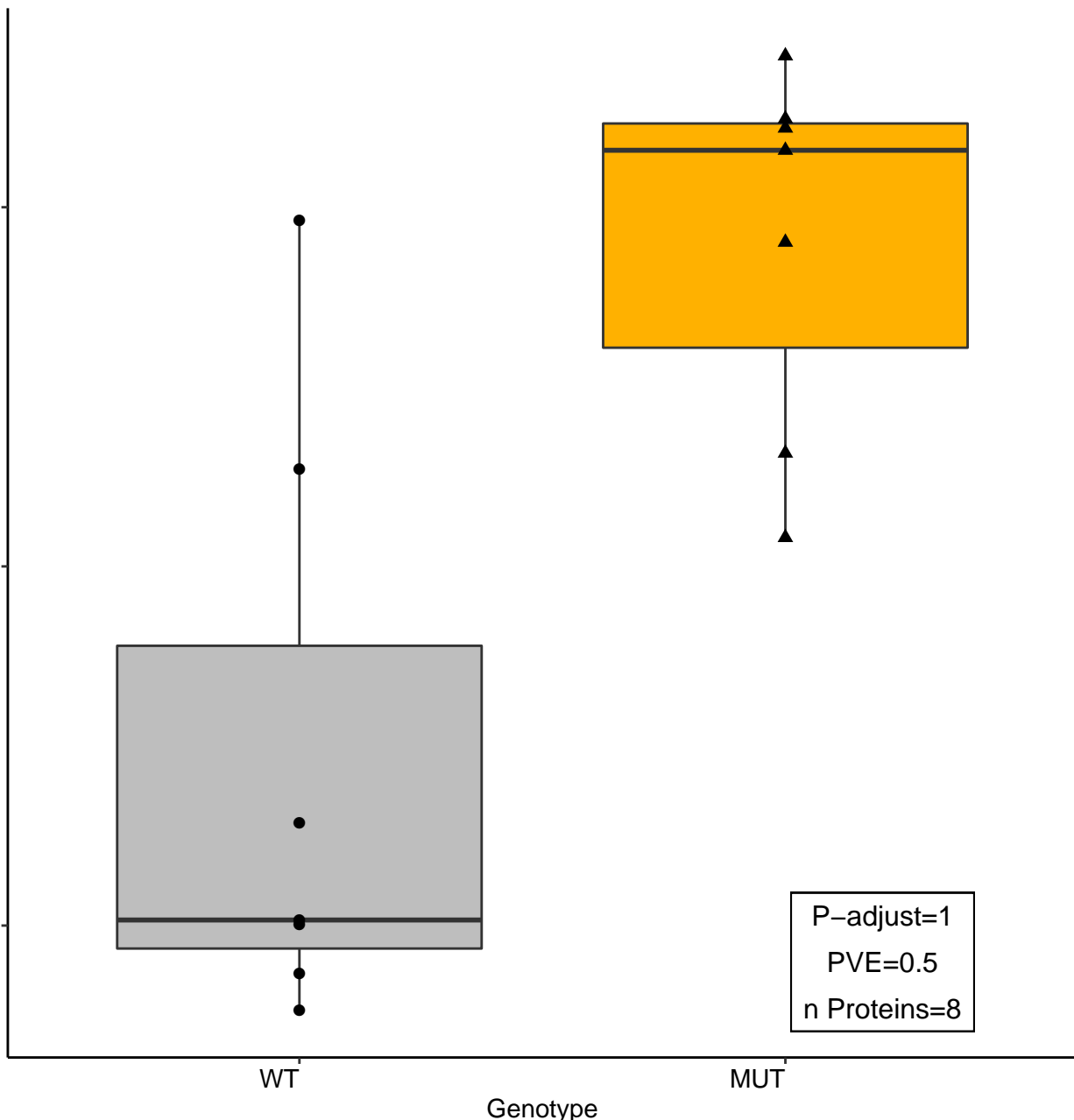
MUT

Genotype

P-adjust=1

PVE=0.5

n Proteins=8



M93

Log2(Adjusted Module Intensity)

10.04

10.02

10.00

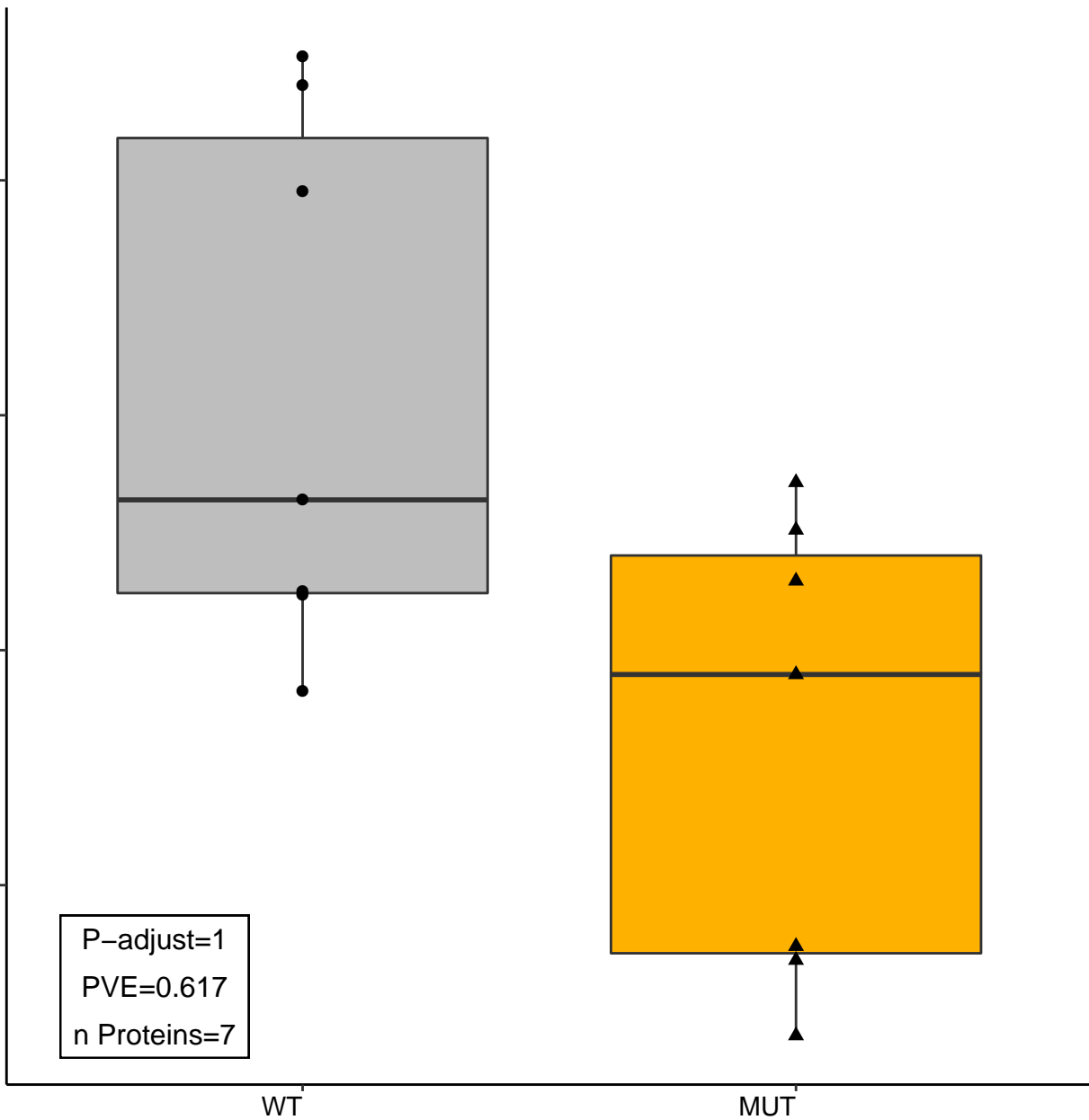
9.98

P-adjust=1
PVE=0.617
n Proteins=7

WT

Genotype

MUT



M94

Log2(Adjusted Module Intensity)

14.08

14.06

14.04

14.02

WT

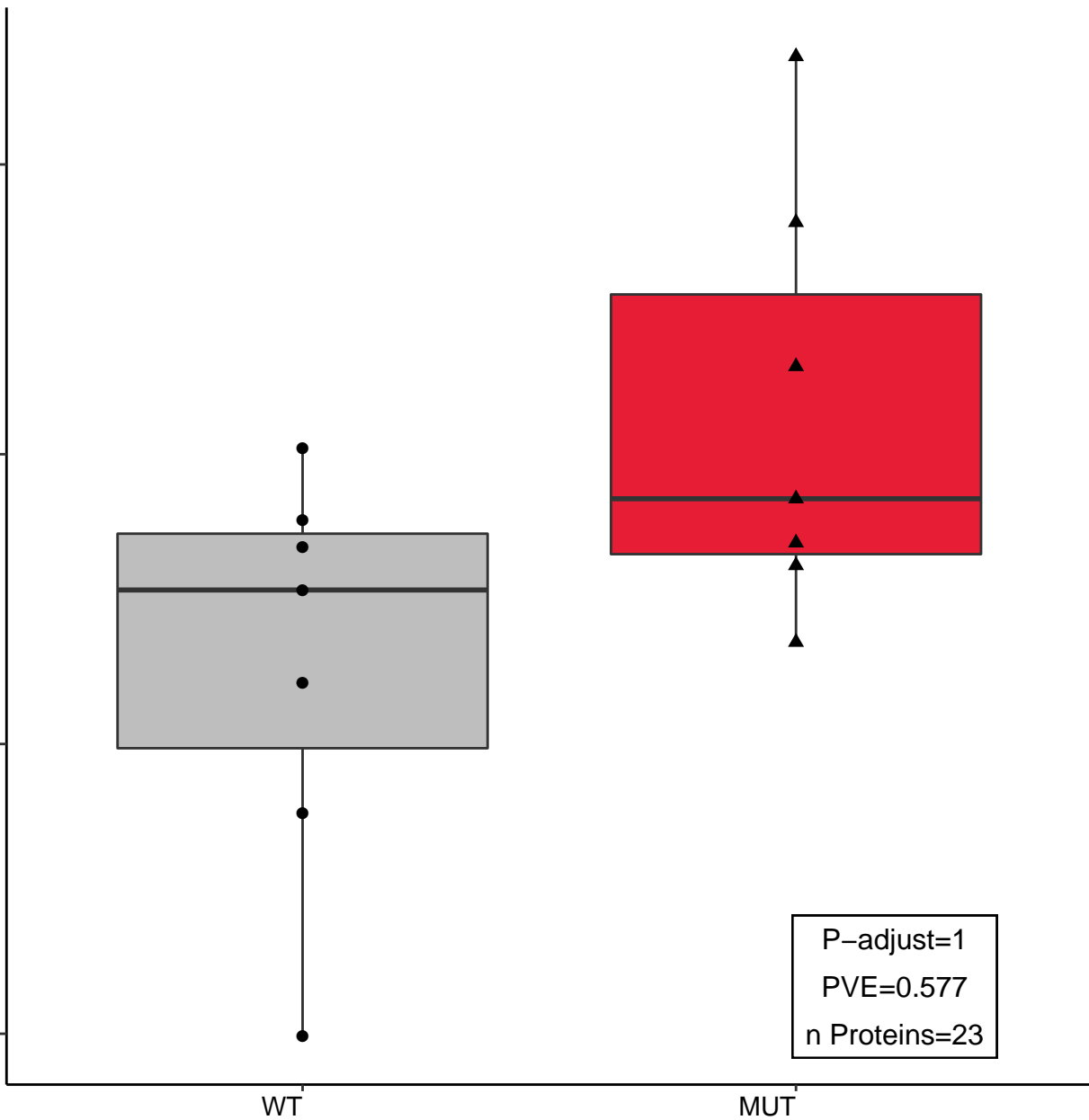
Genotype

MUT

P-adjust=1

PVE=0.577

n Proteins=23



M95

Log2(Adjusted Module Intensity)

13.66

13.64

13.62

13.60

WT

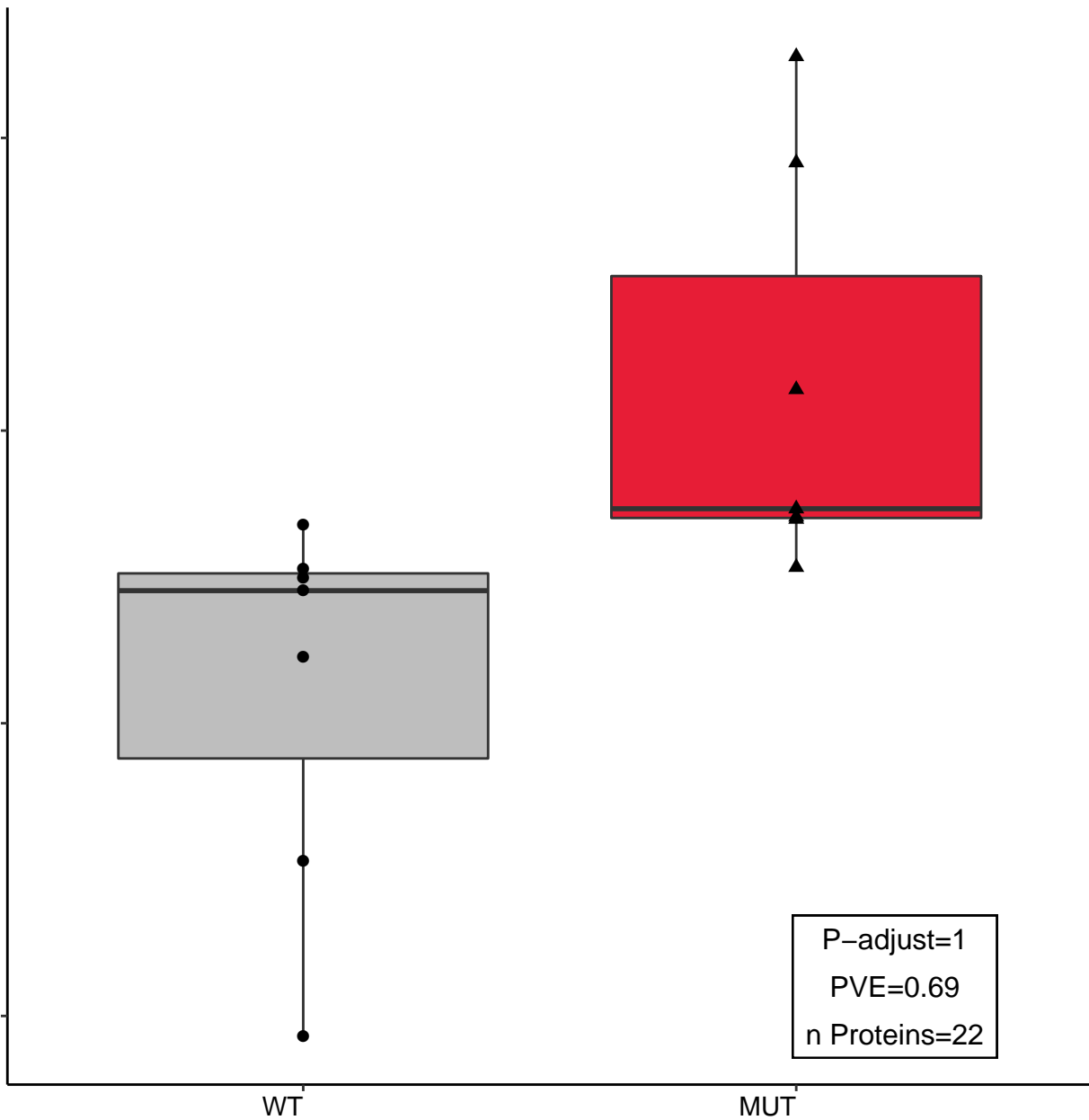
MUT

Genotype

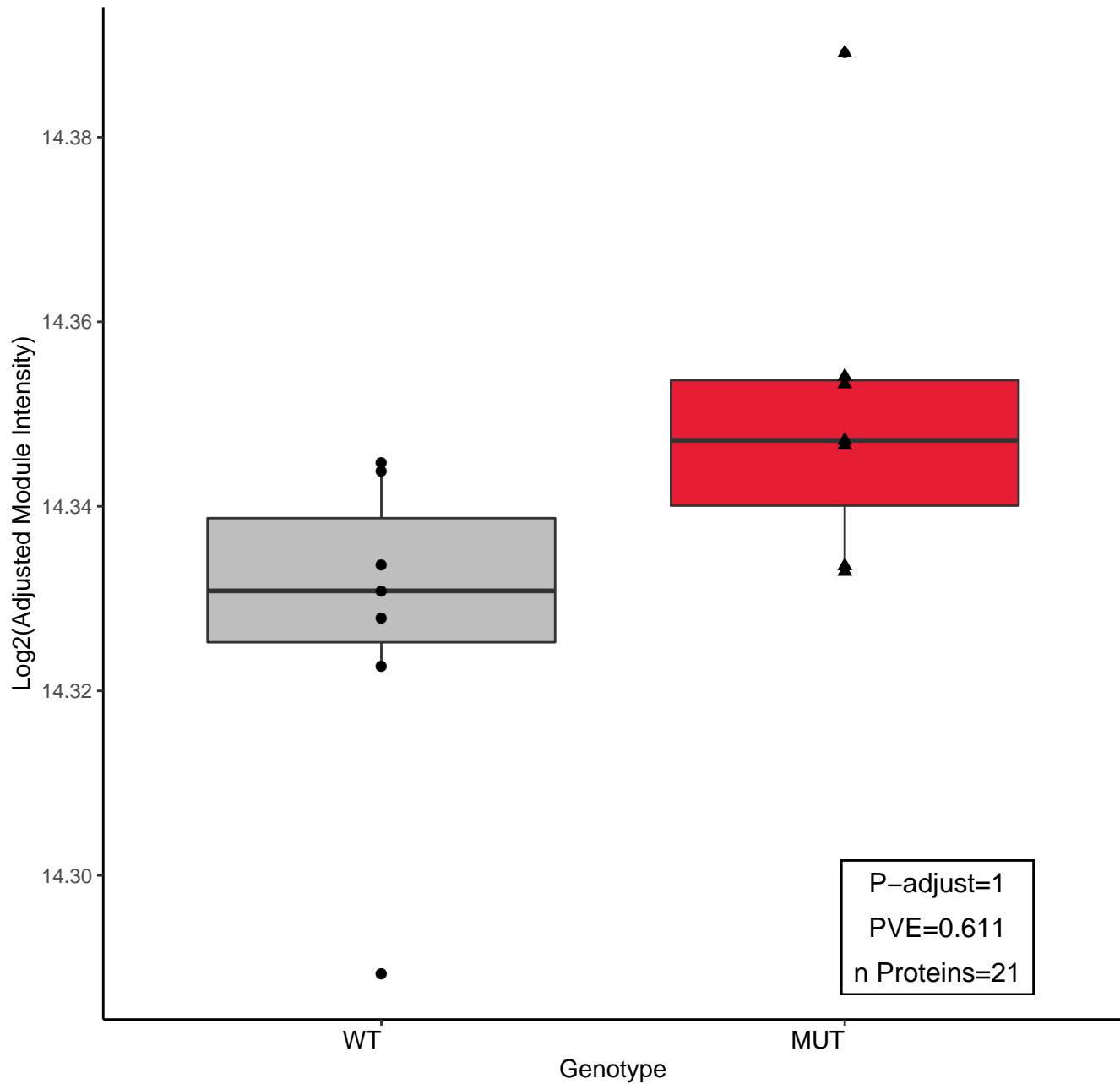
P-adjust=1

PVE=0.69

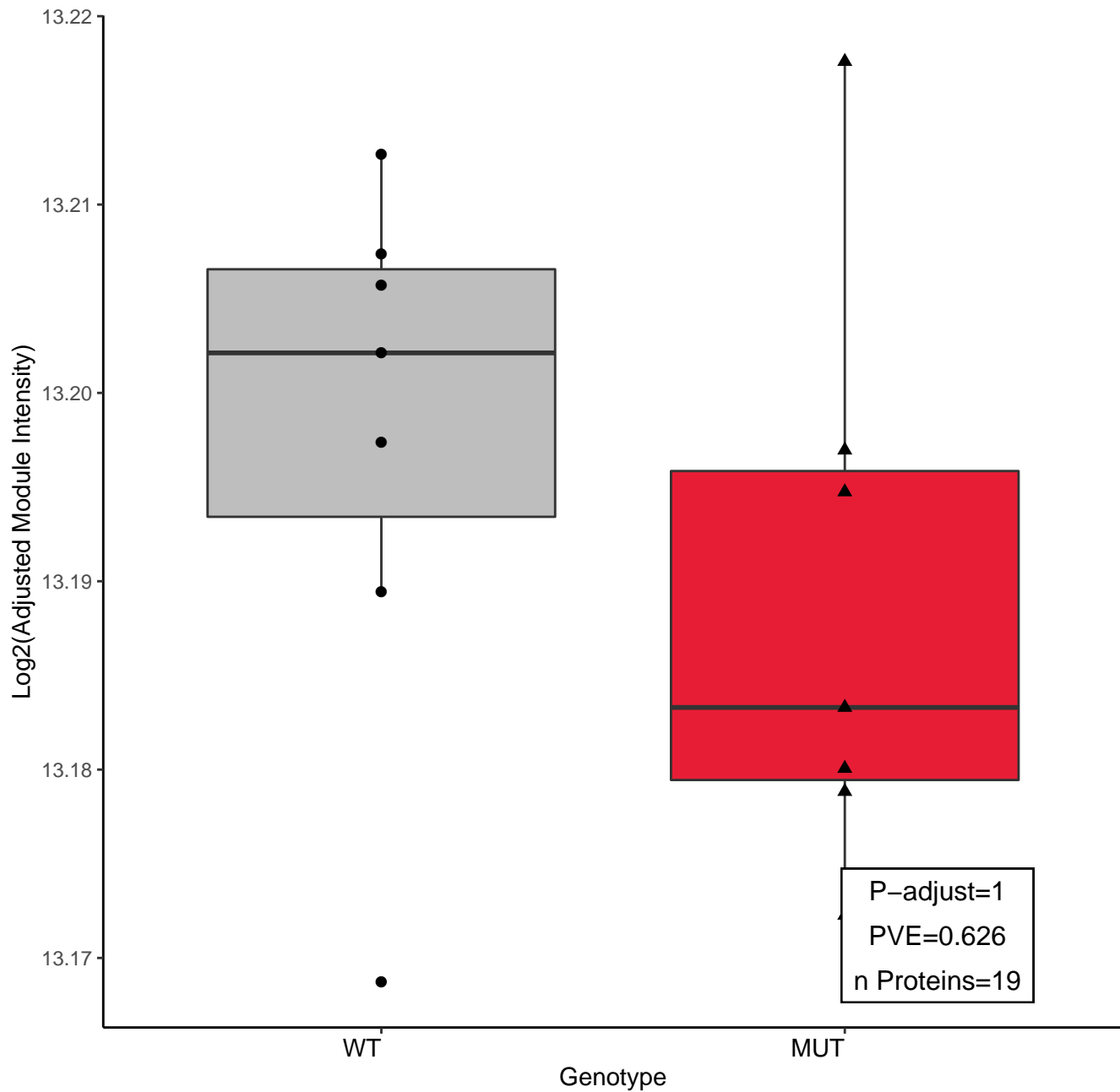
n Proteins=22



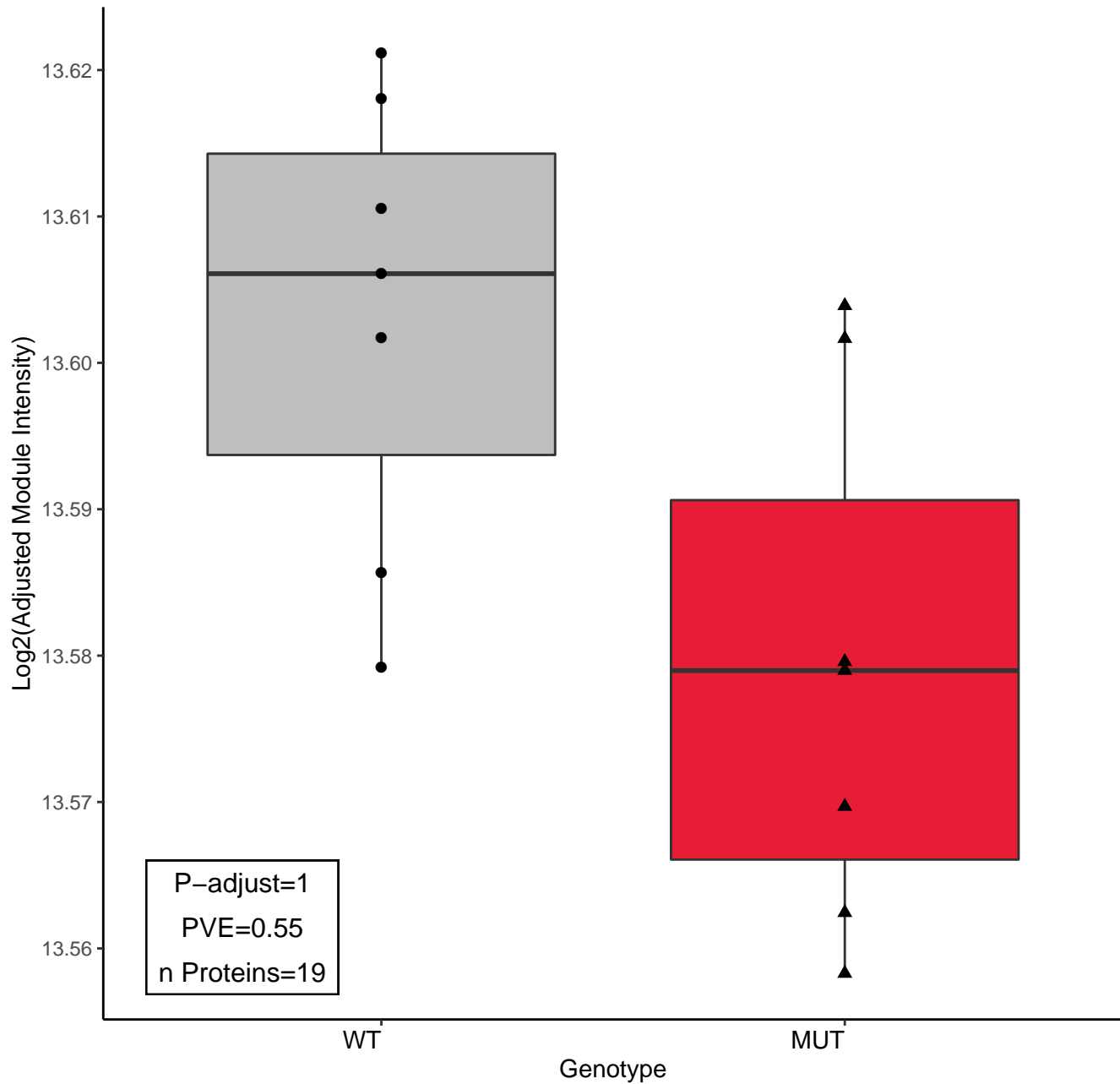
M96

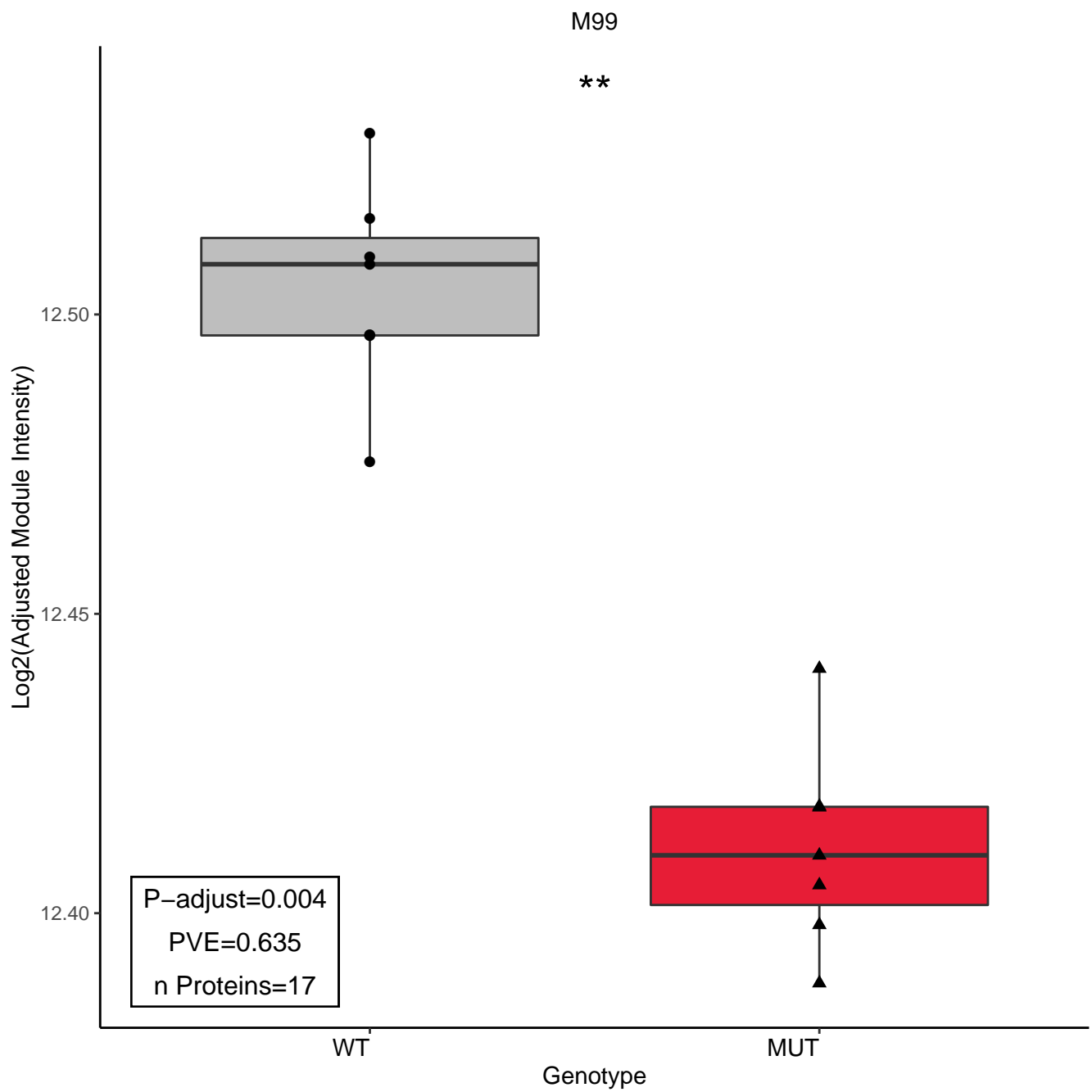


M97



M98





M100

Log2(Adjusted Module Intensity)

13.47

13.46

13.45

13.44

13.43

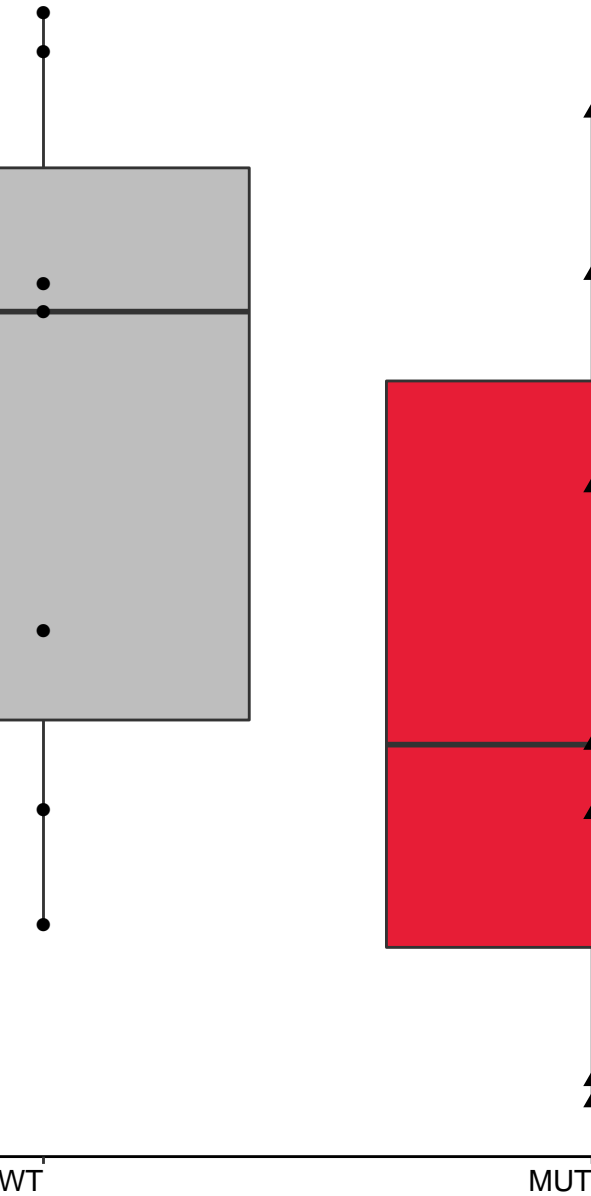
13.42

WT

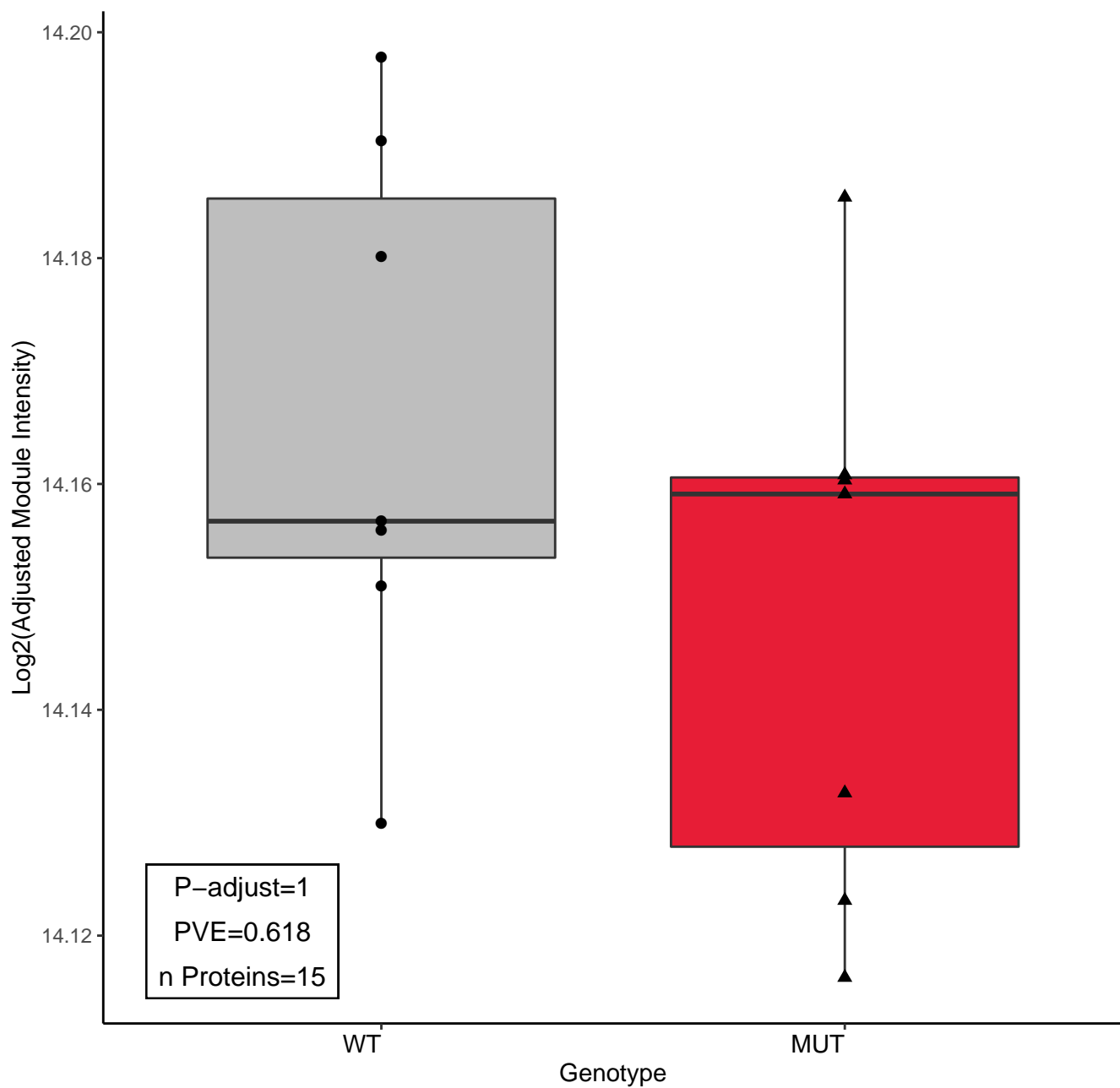
MUT

Genotype

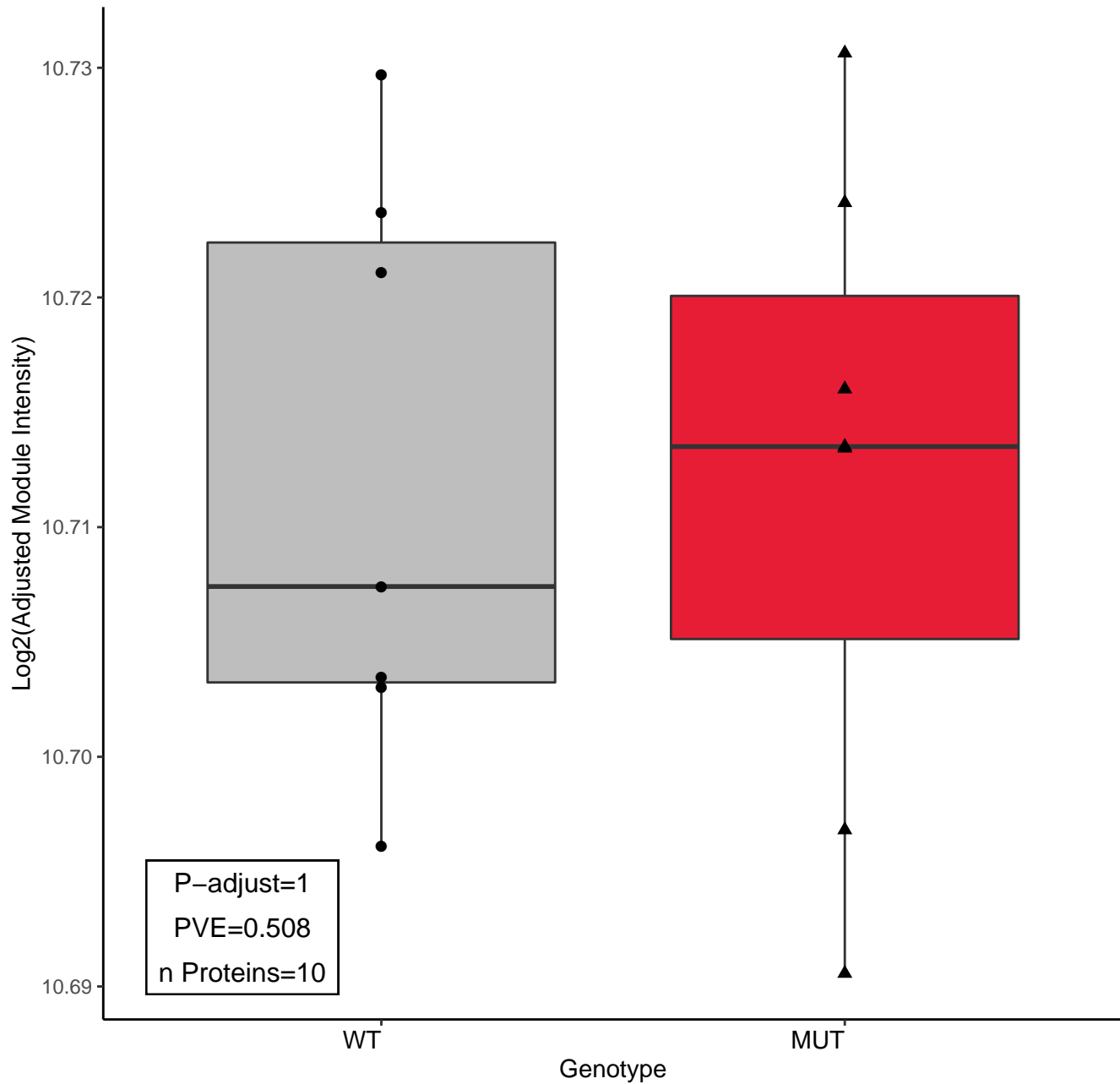
P-adjust=1
PVE=0.508
n Proteins=17



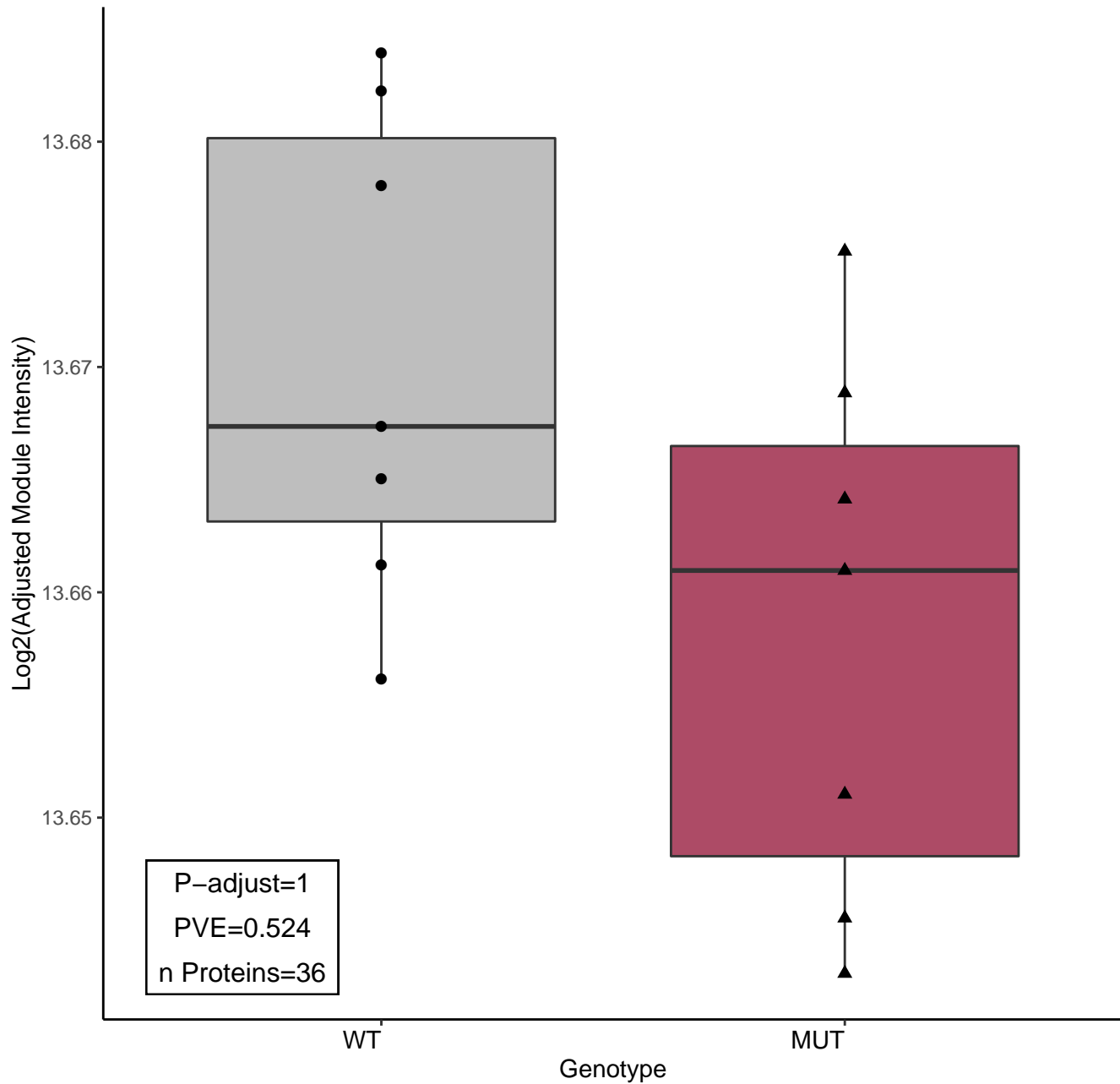
M101



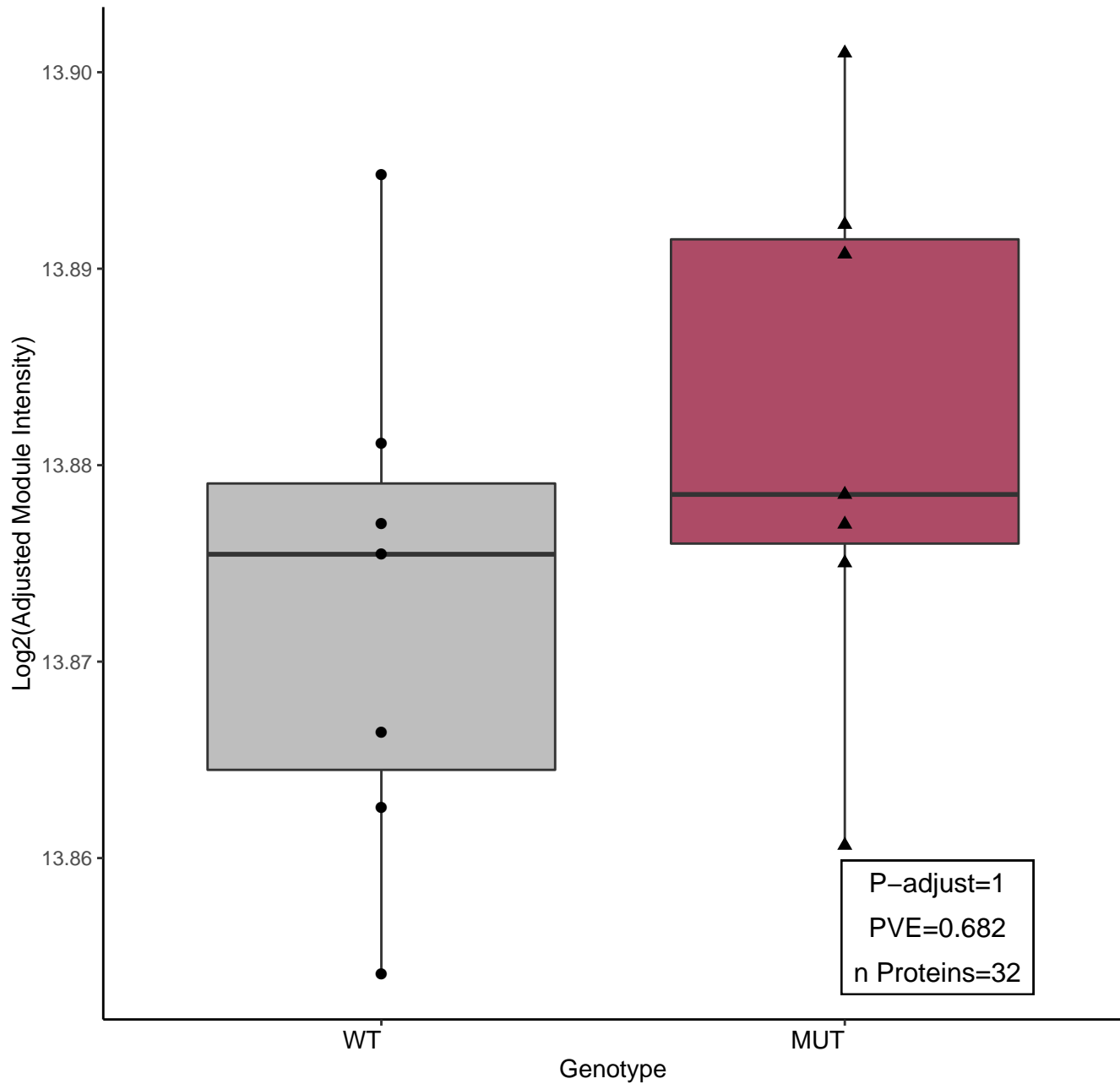
M102



M103

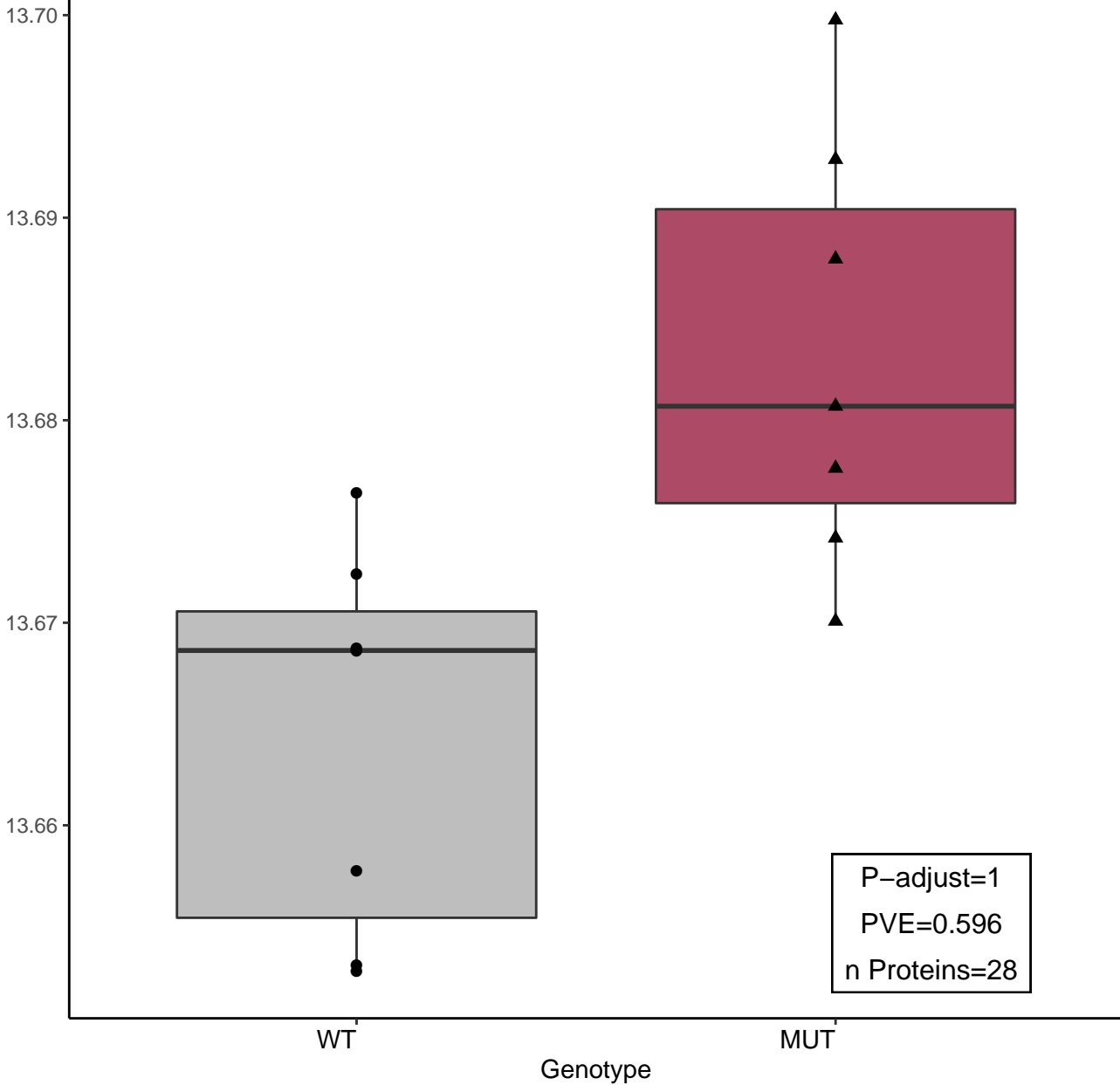


M104

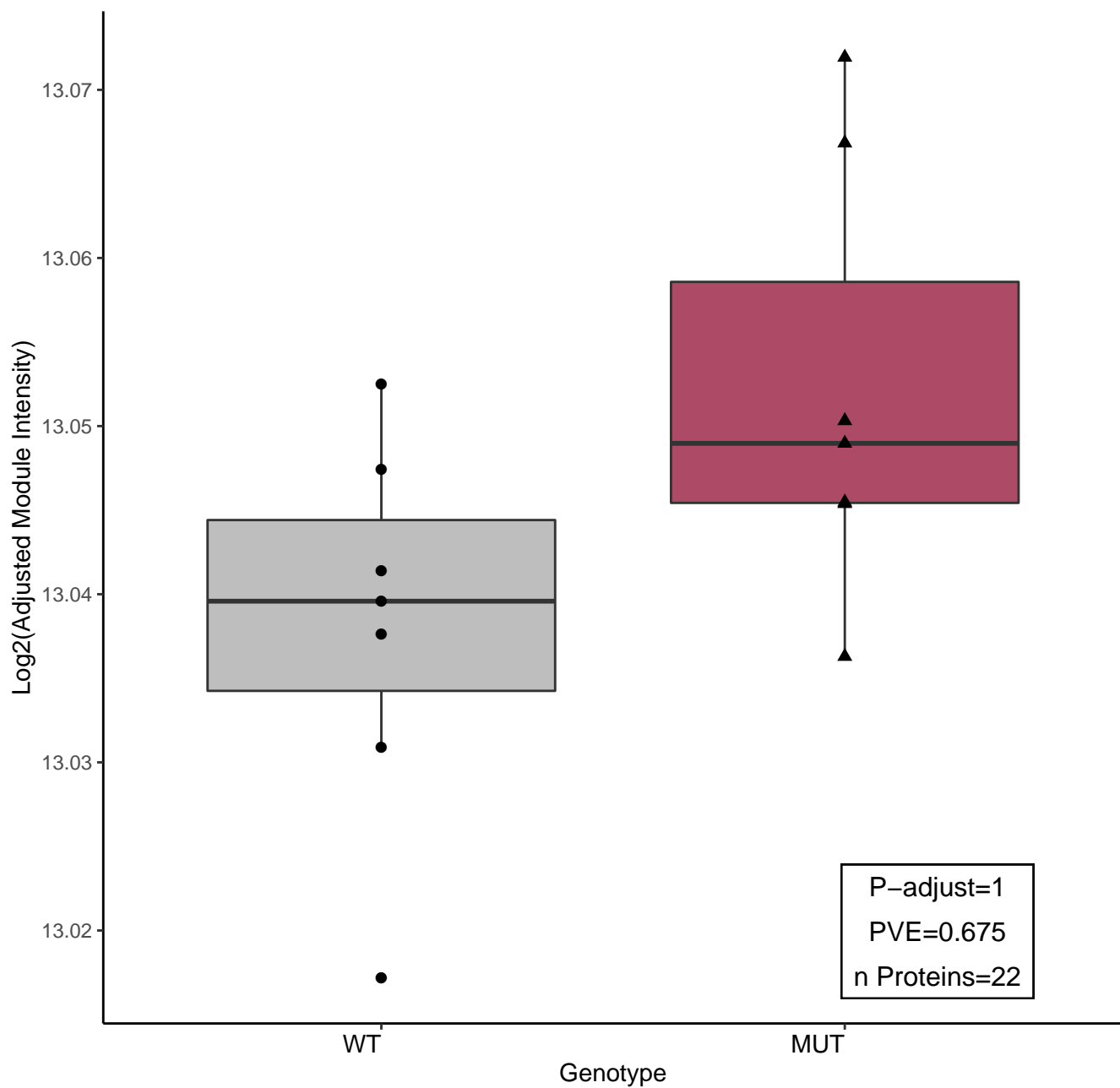


M105

Log2(Adjusted Module Intensity)

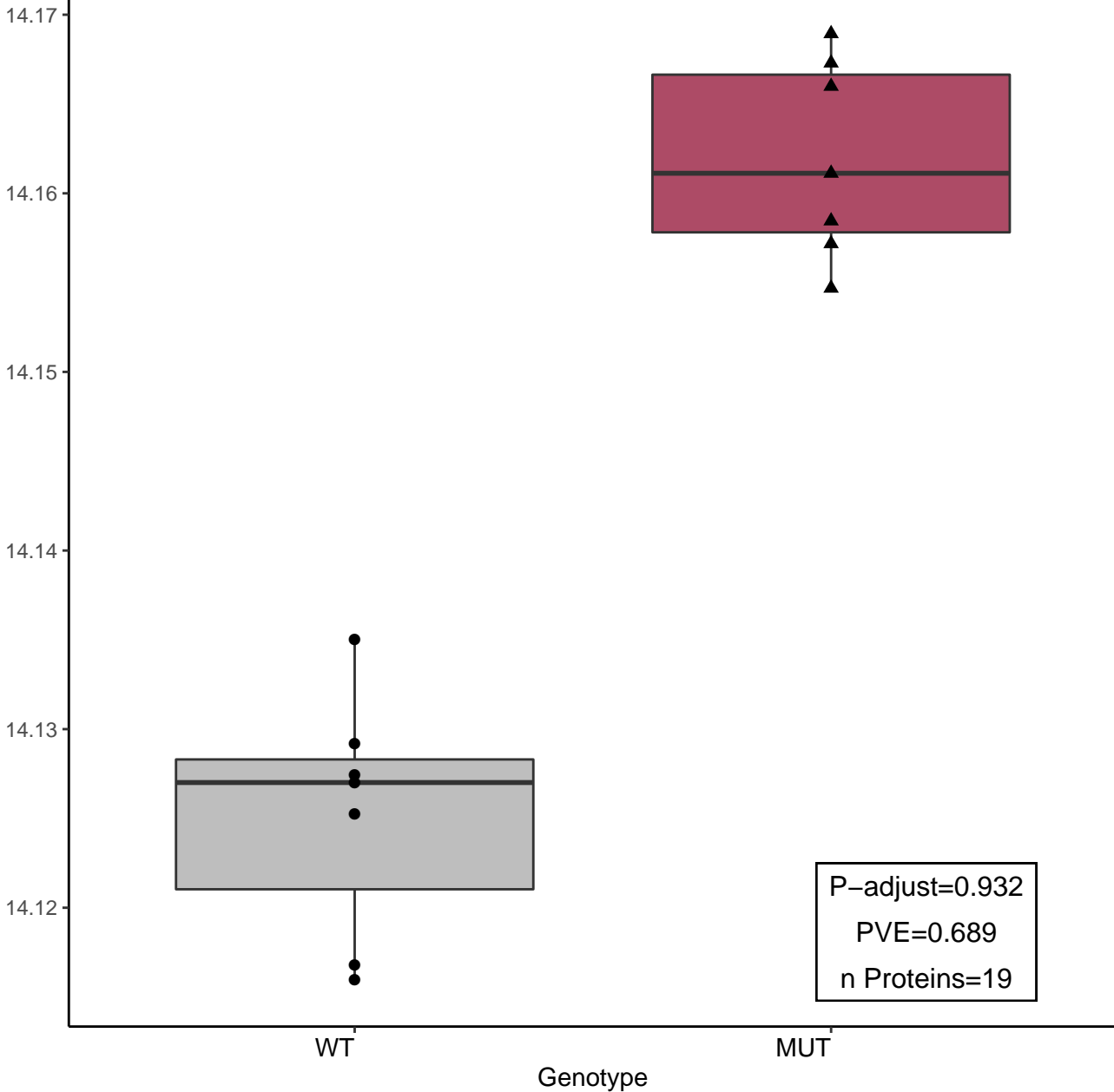


M106

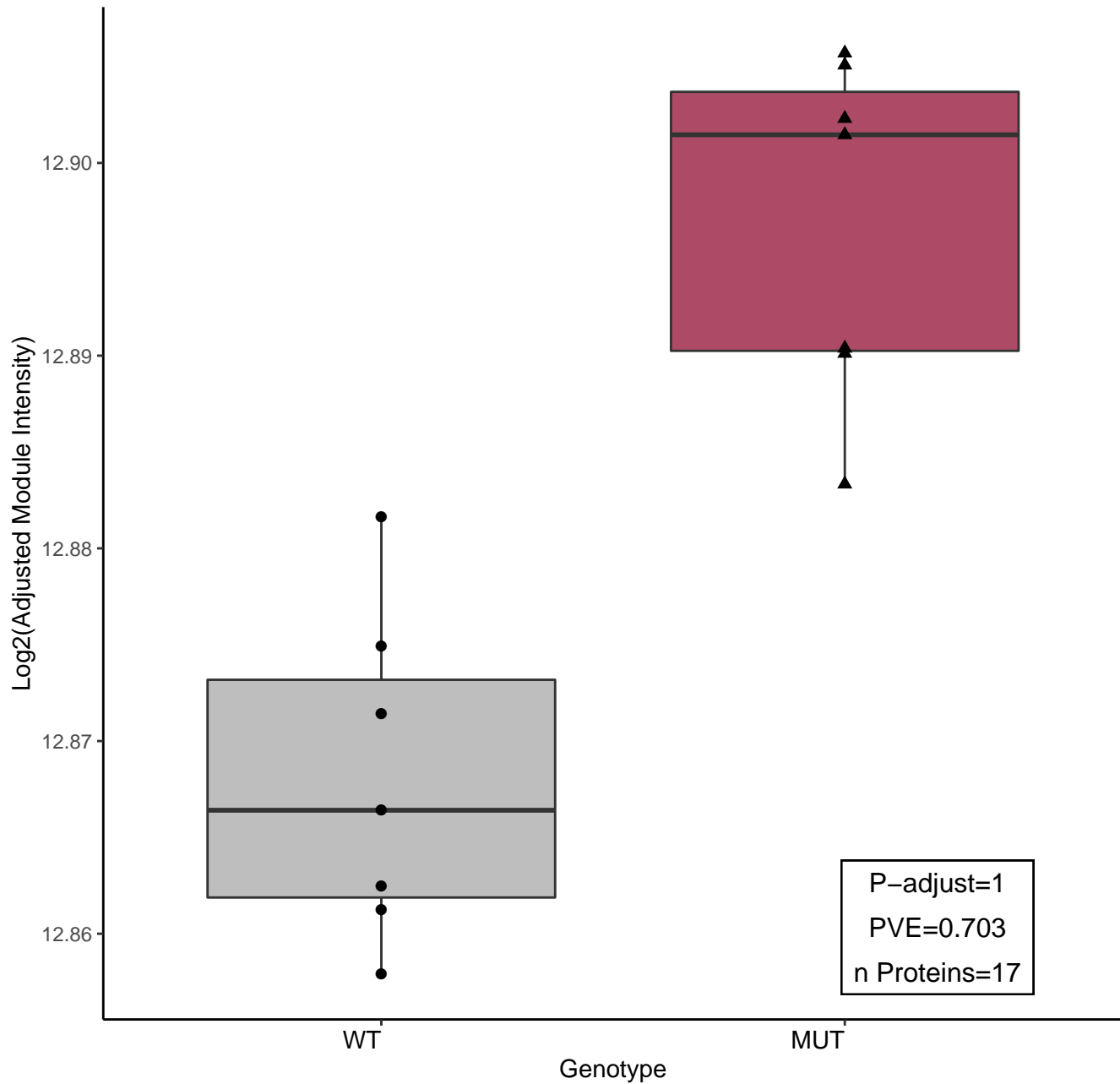


M107

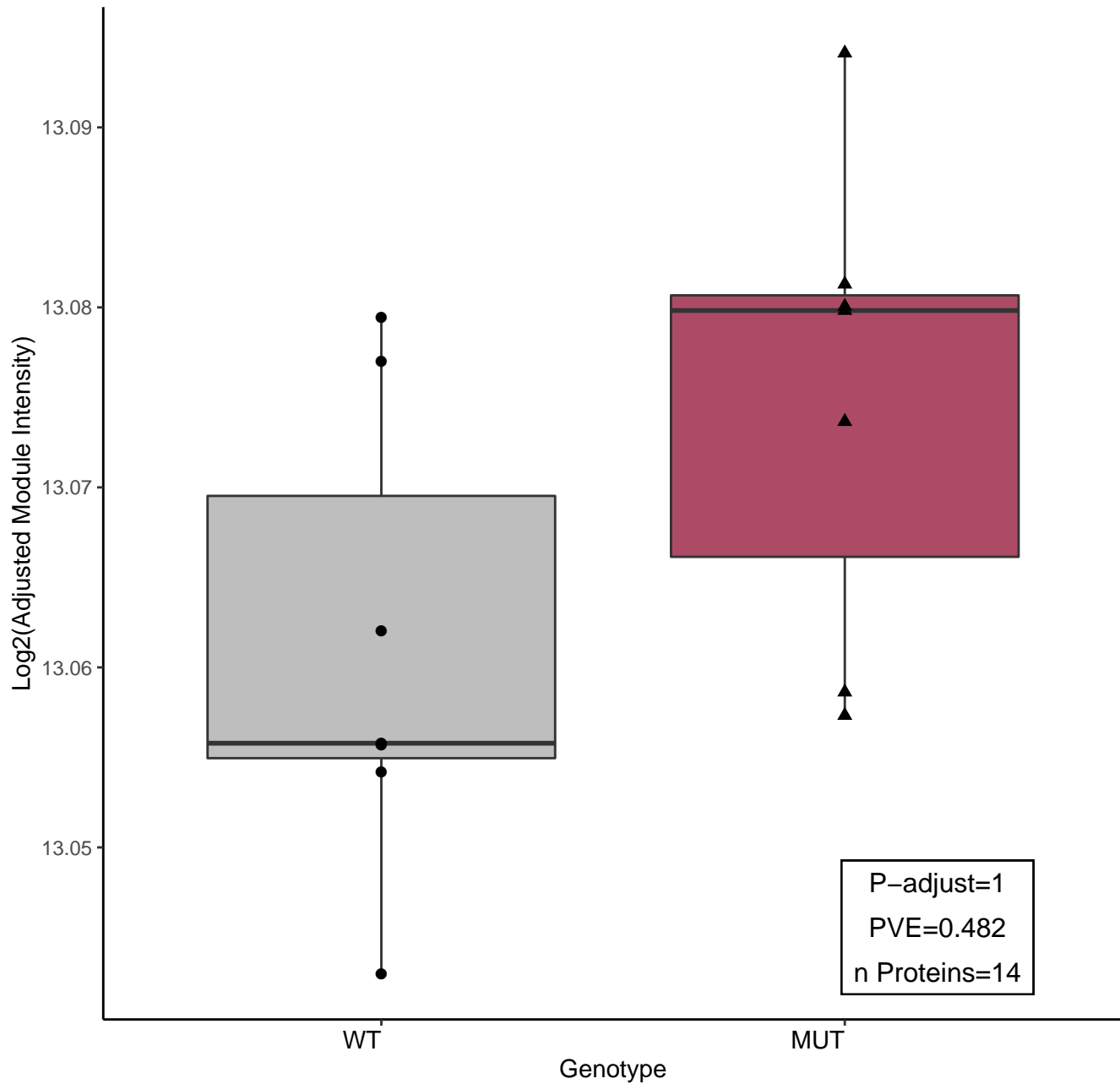
Log2(Adjusted Module Intensity)



M108



M109



M110

Log2(Adjusted Module Intensity)

10.20

10.18

10.16

10.14

WT

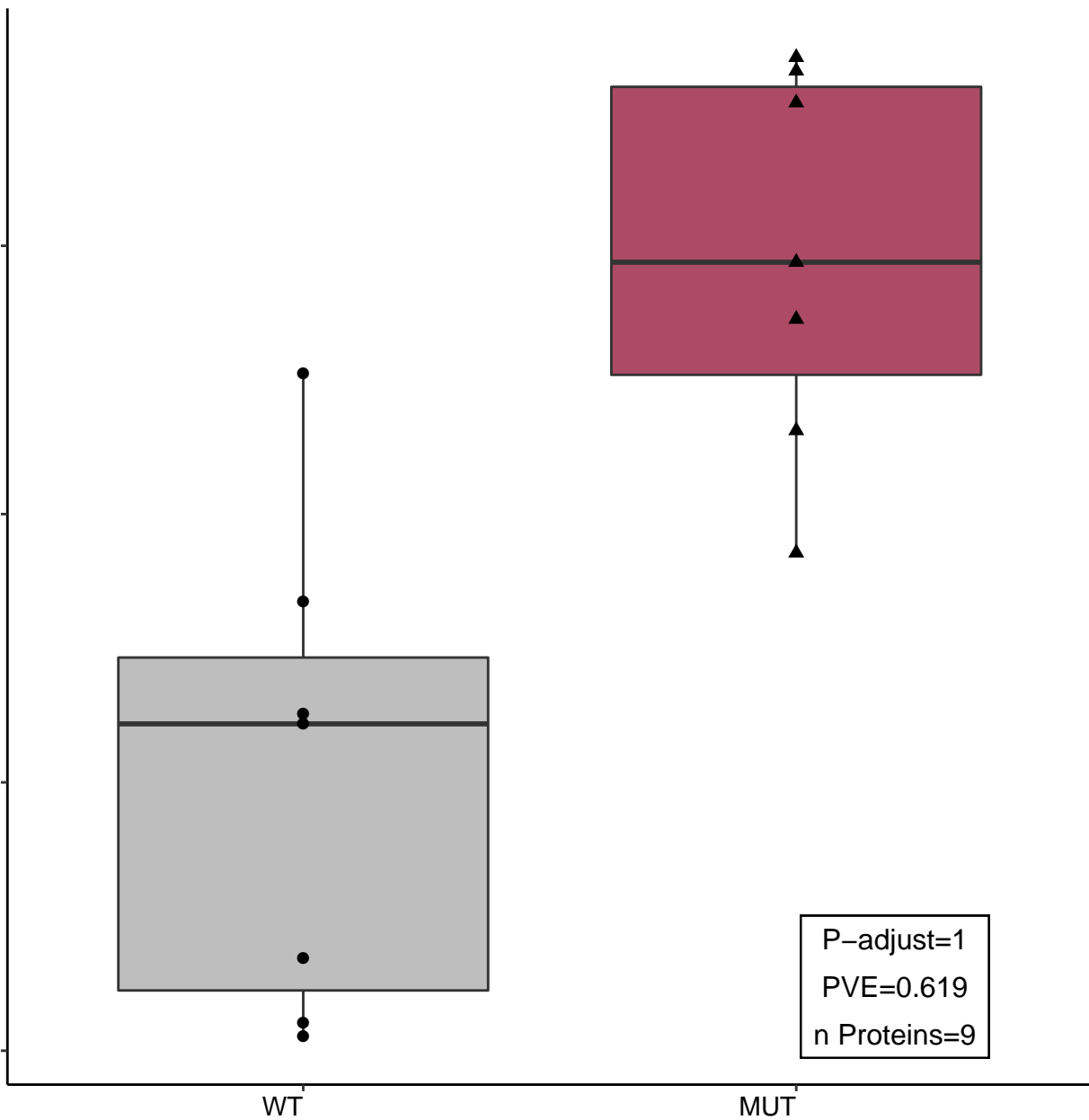
Genotype

MUT

P-adjust=1

PVE=0.619

n Proteins=9



M111

Log2(Adjusted Module Intensity)

8.50

8.48

8.46

8.44

WT

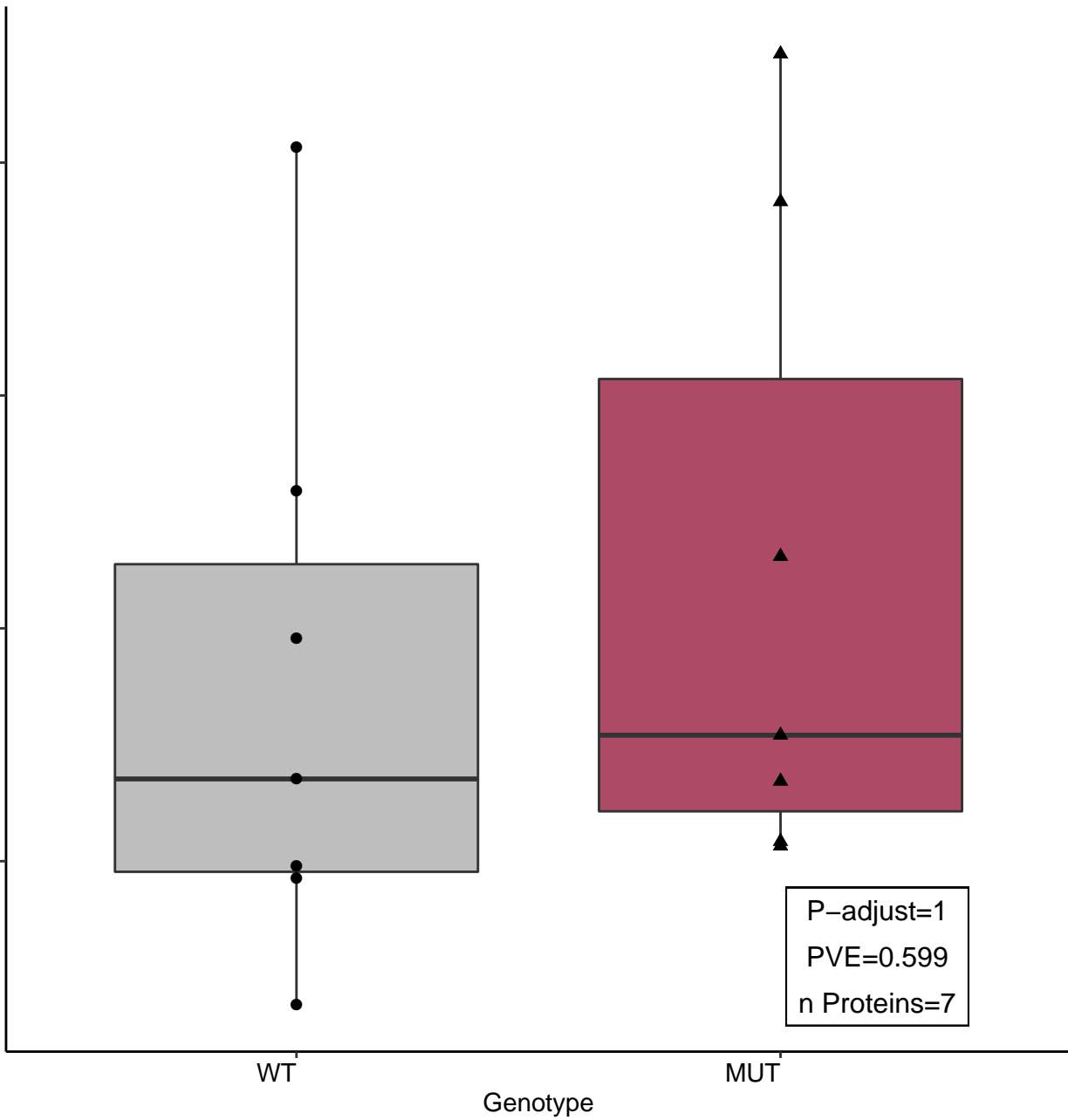
Genotype

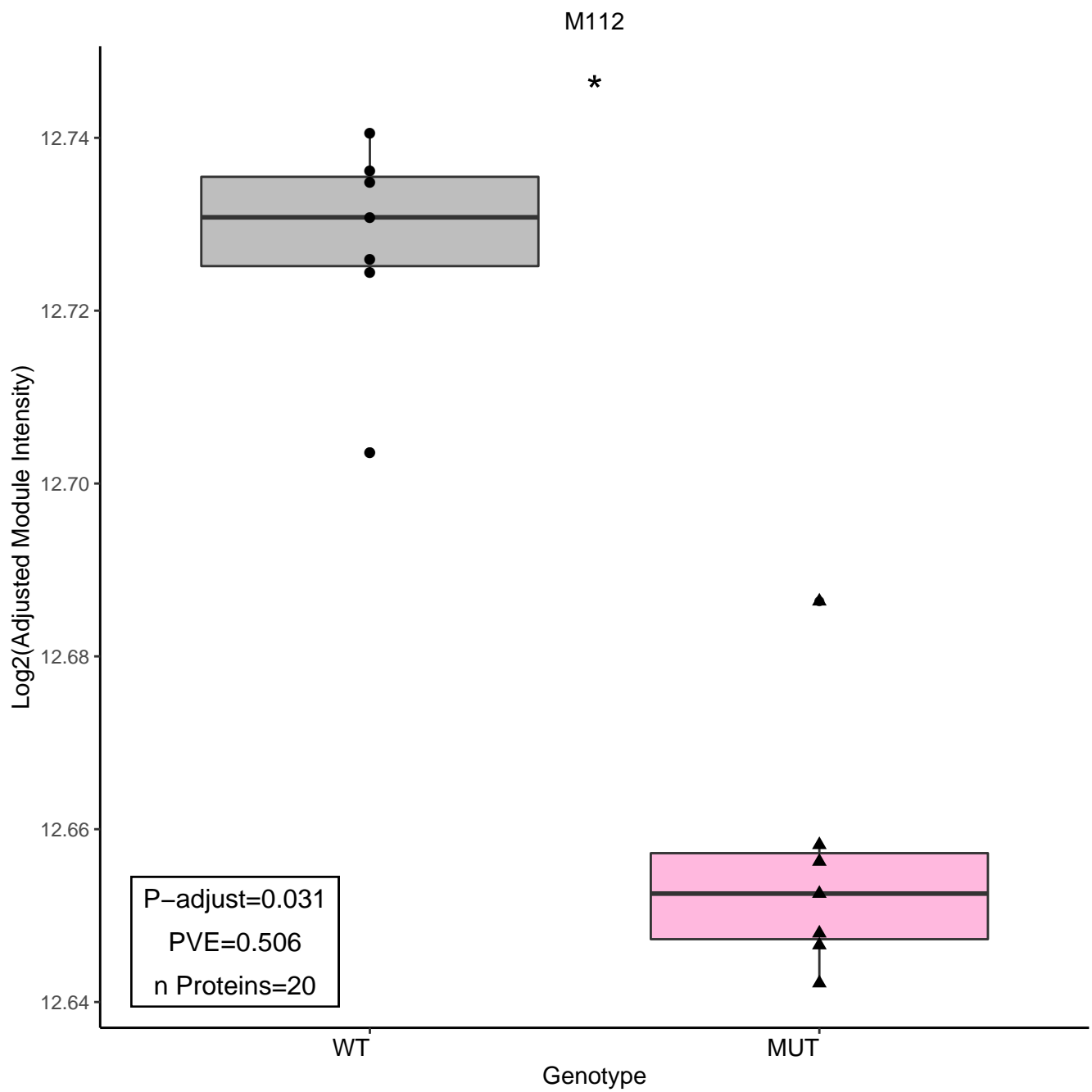
MUT

P-adjust=1

PVE=0.599

n Proteins=7





M113

Log2(Adjusted Module Intensity)

12.80

12.75

12.70

P-adjust=0.004

PVE=0.631

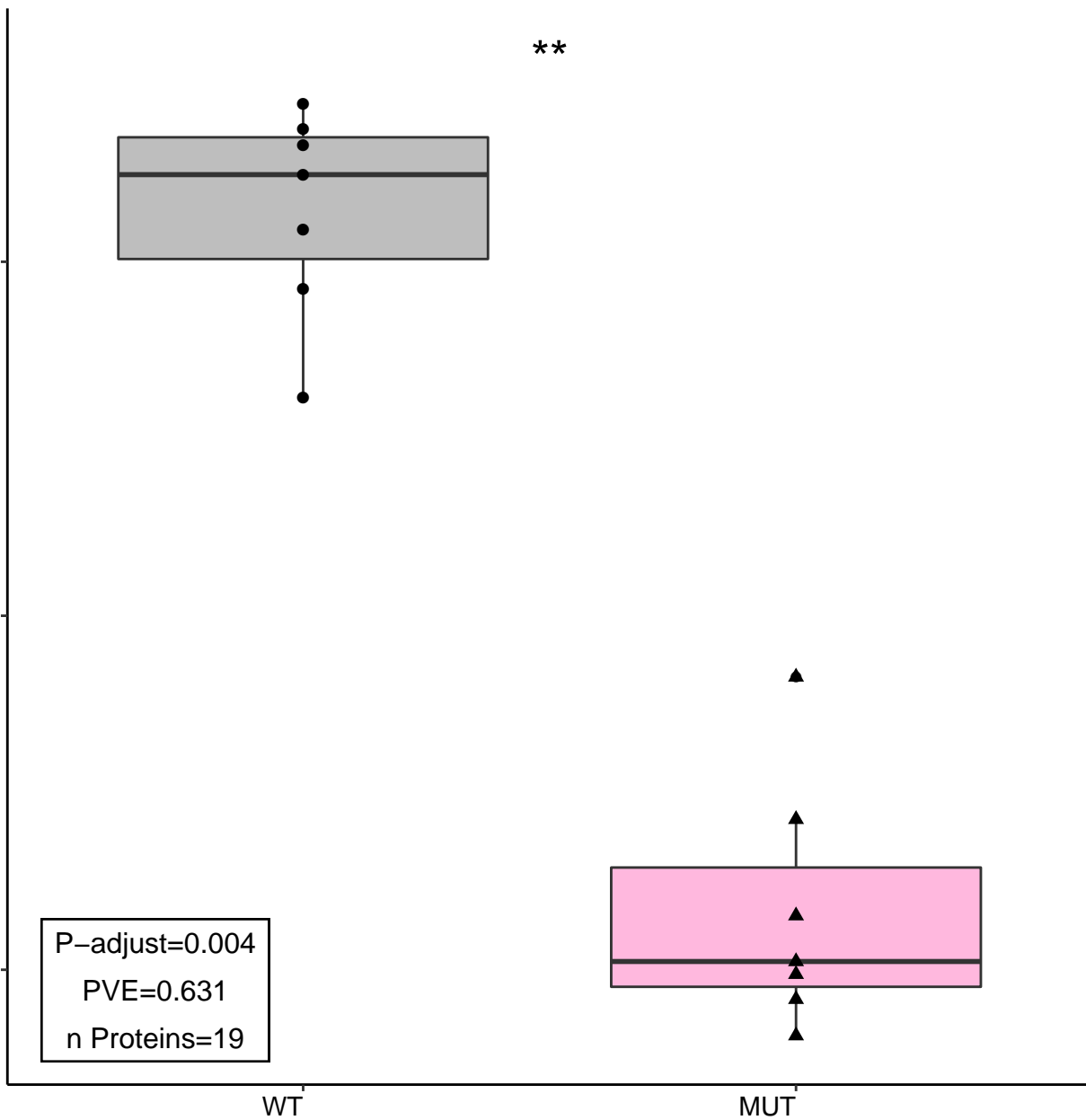
n Proteins=19

WT

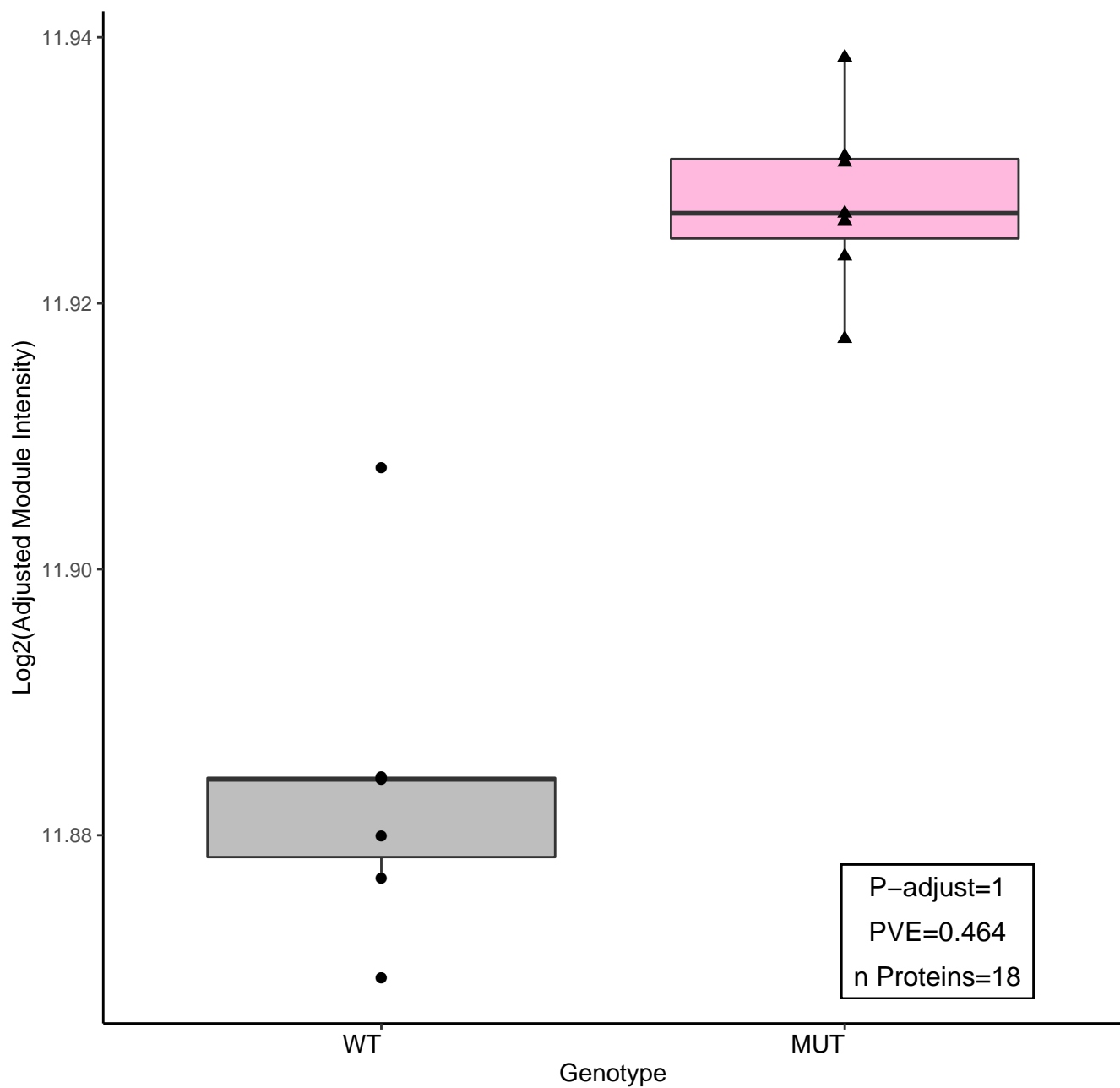
Genotype

MUT

**



M114



M115

Log2(Adjusted Module Intensity)

13.25

13.20

13.15

P-adjust=0.208

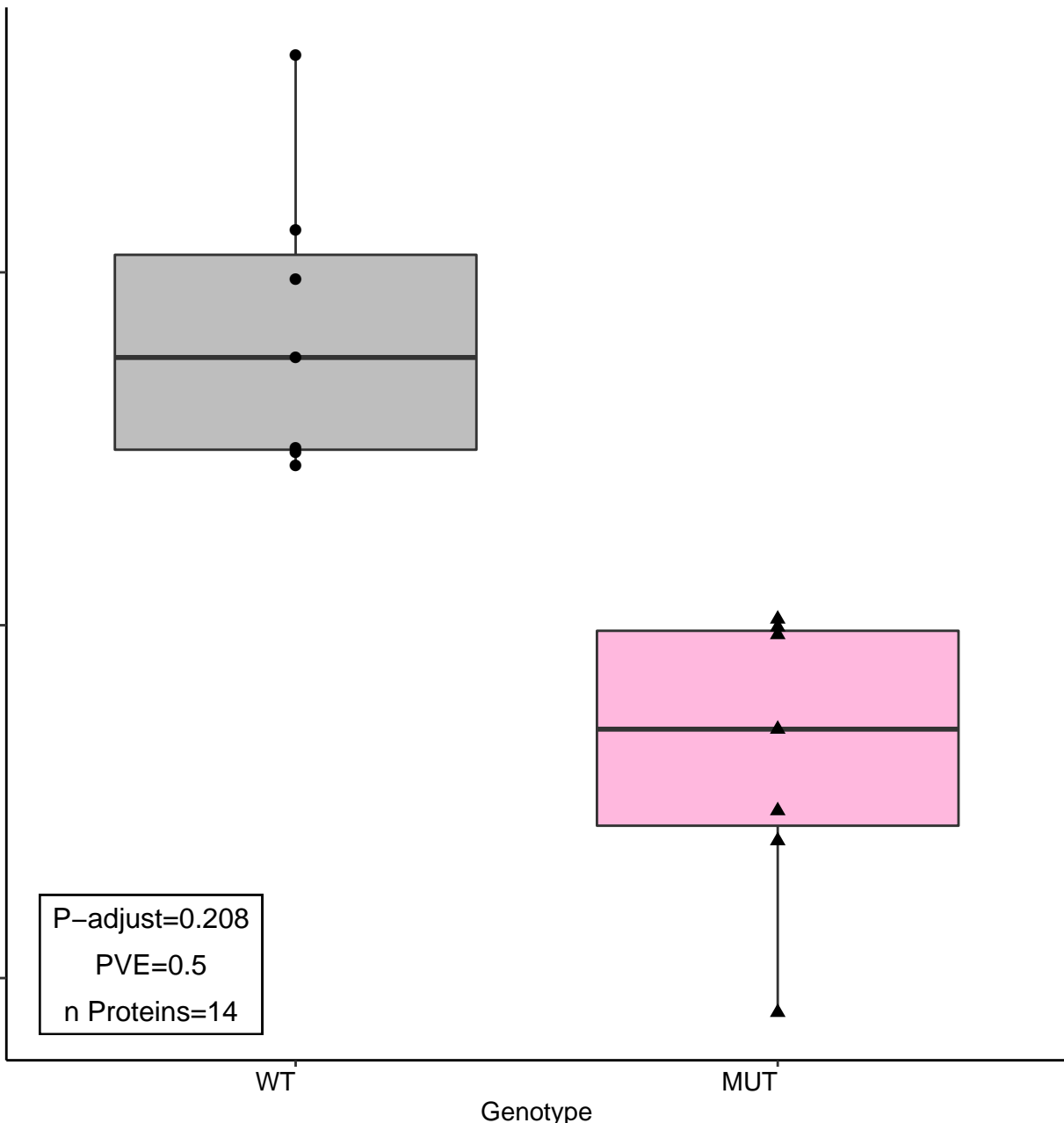
PVE=0.5

n Proteins=14

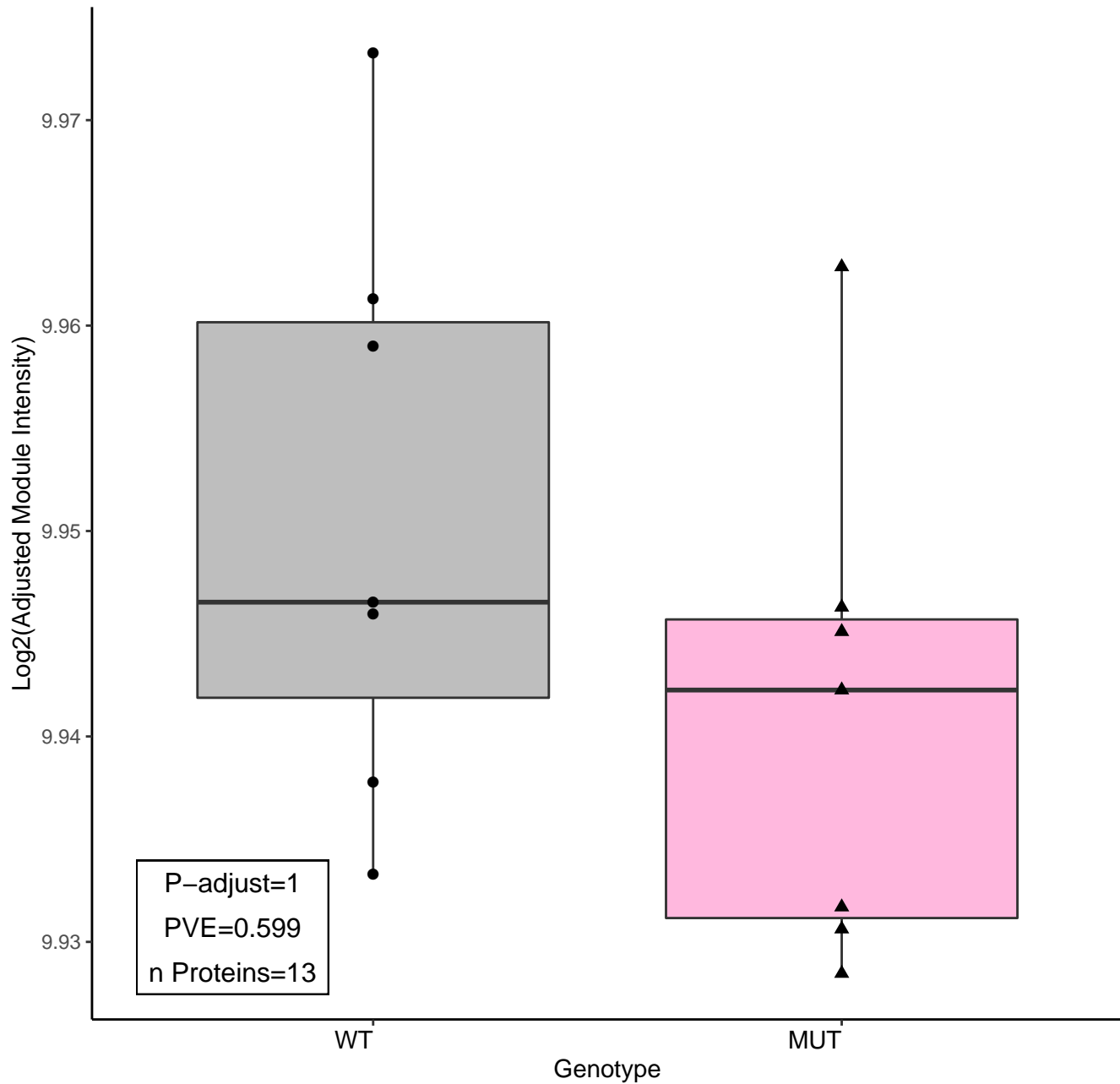
WT

Genotype

MUT



M116



M117

Log2(Adjusted Module Intensity)

13.85

13.80

P-adjust=0.02

PVE=0.67

n Proteins=13

WT

Genotype

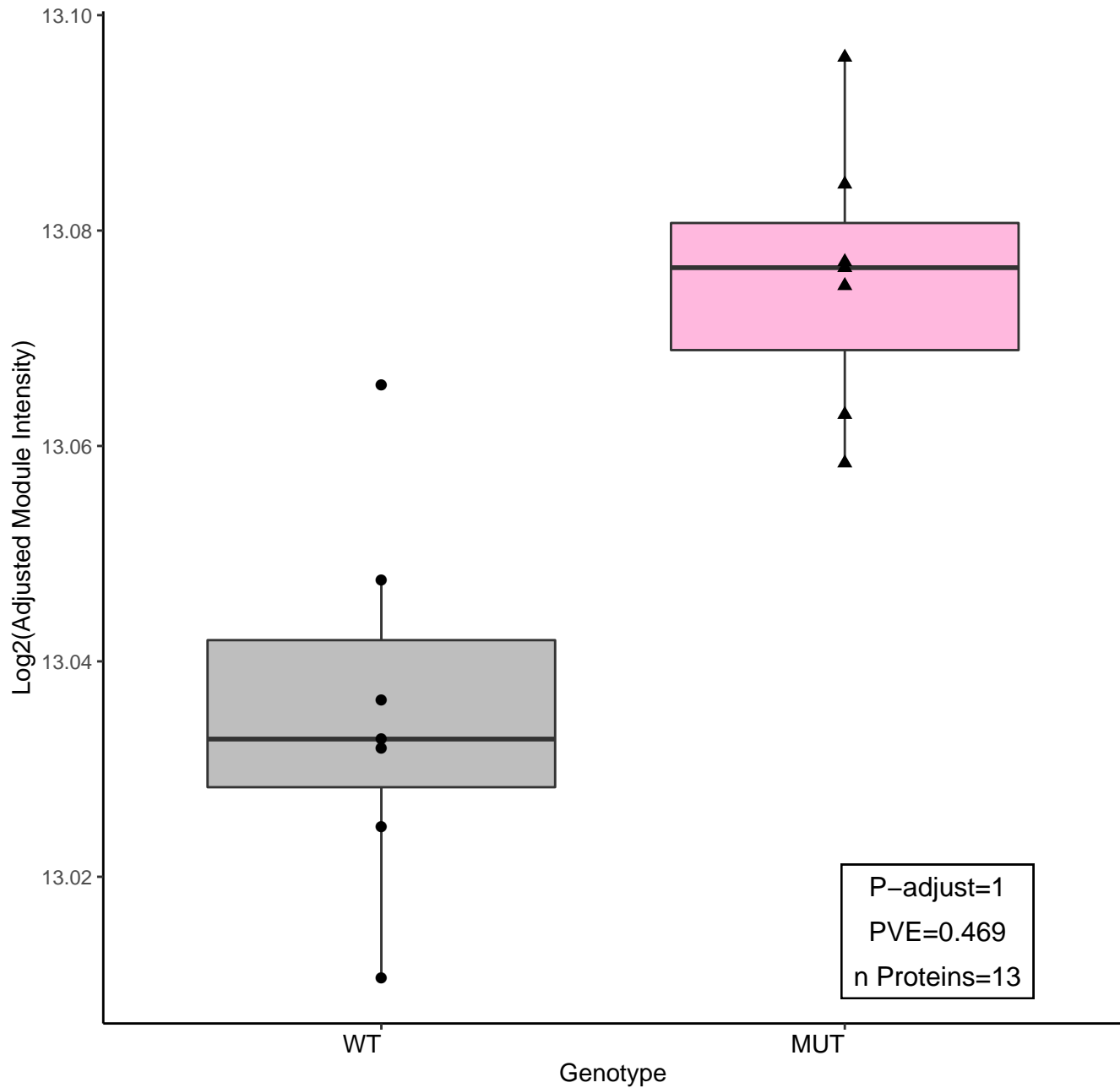
MUT

*

↑

↑

M118



M119

Log2(Adjusted Module Intensity)

11.92

11.90

11.88

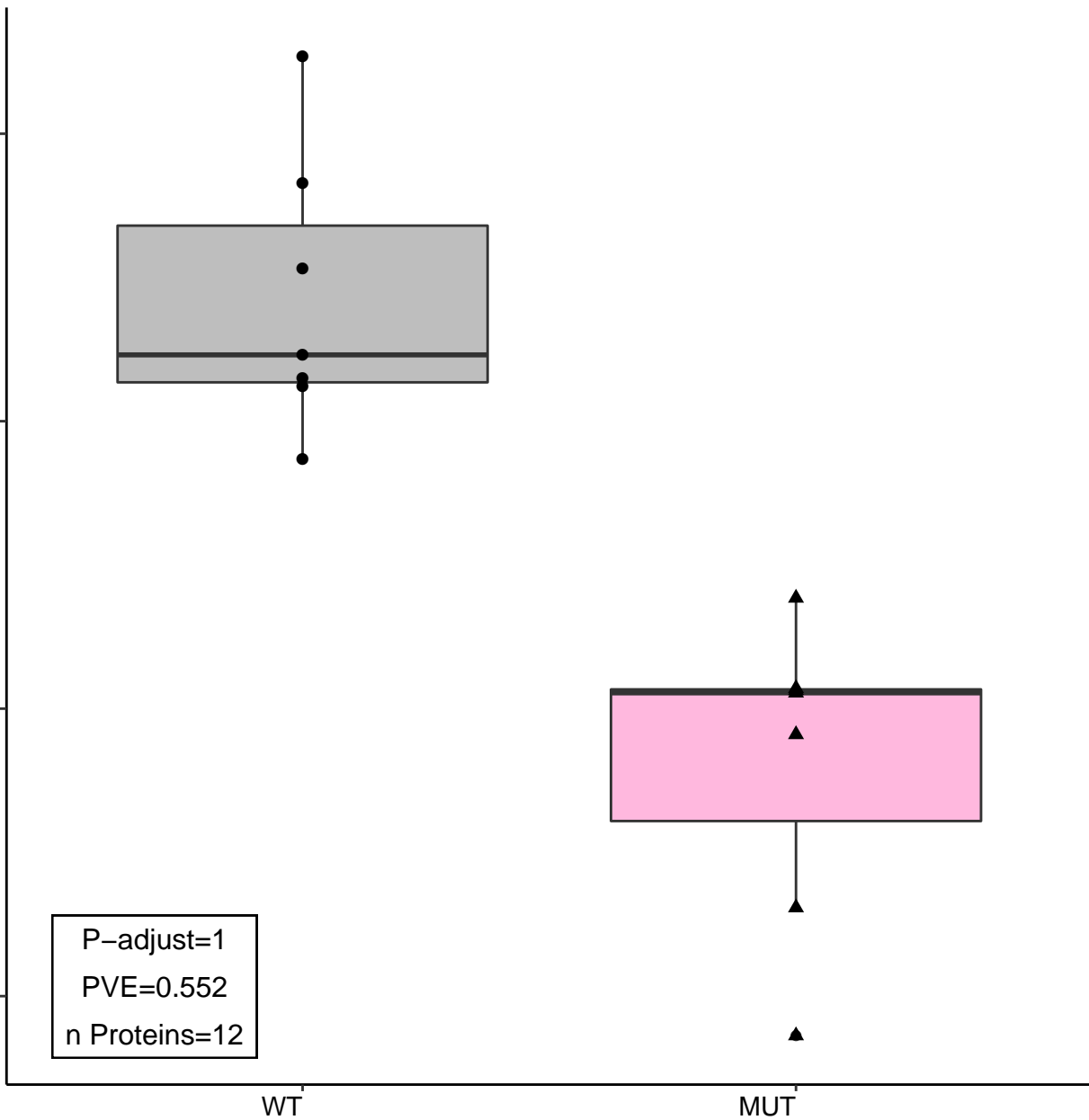
11.86

P-adjust=1
PVE=0.552
n Proteins=12

WT

Genotype

MUT



M120

Log2(Adjusted Module Intensity)

12.50

12.45

12.40

12.35

WT

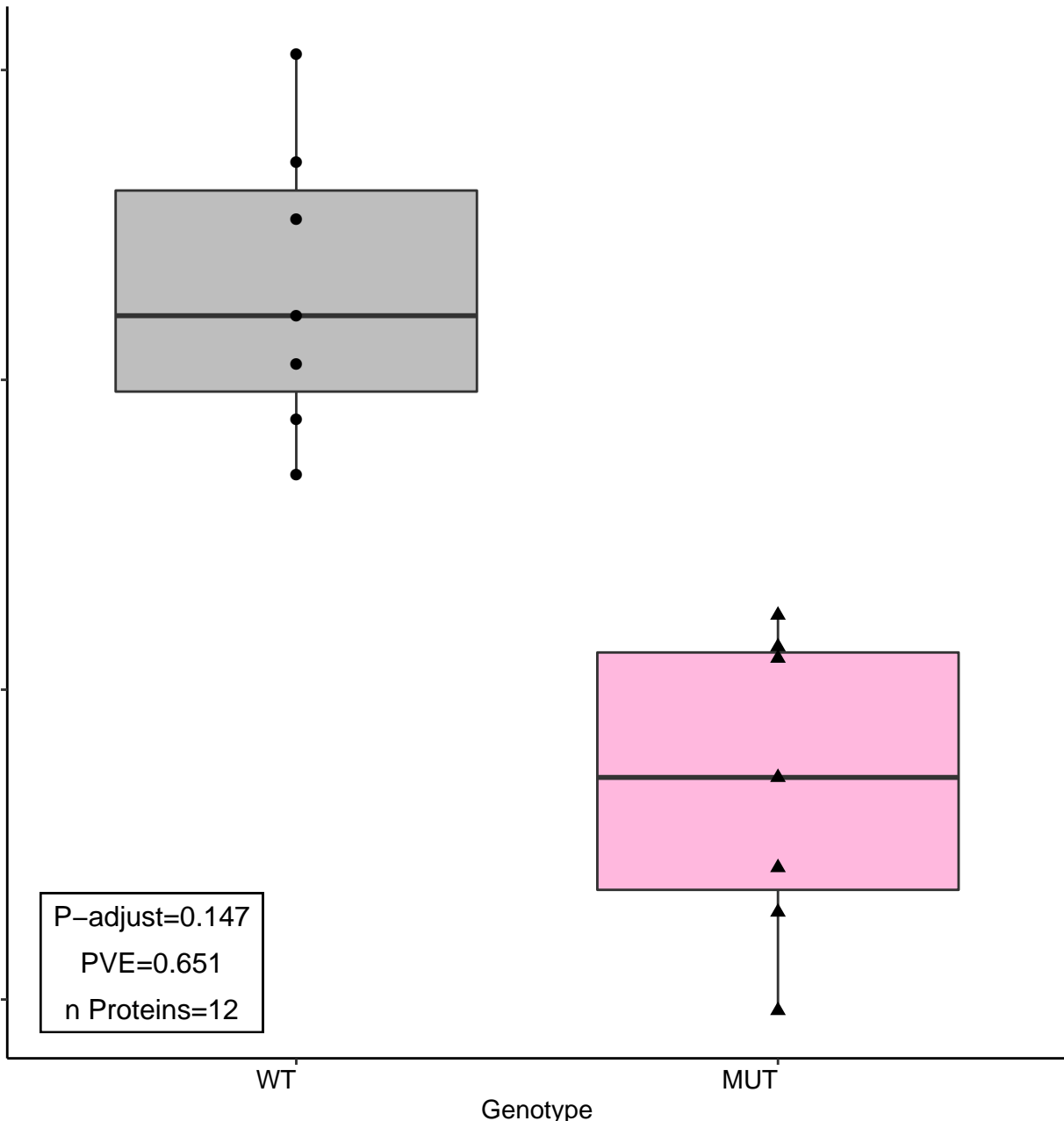
MUT

Genotype

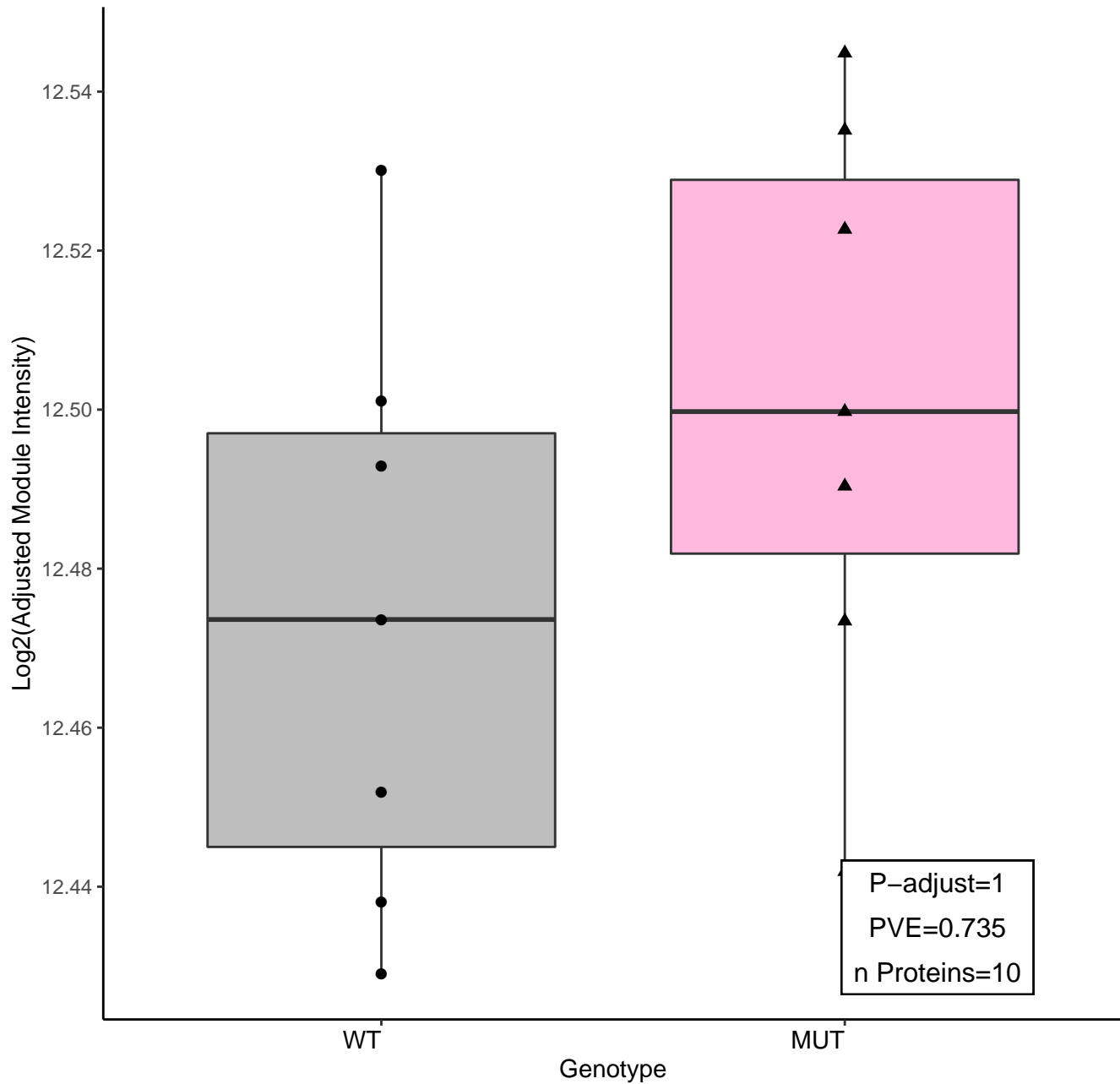
P-adjust=0.147

PVE=0.651

n Proteins=12



M121



M122

Log2(Adjusted Module Intensity)

11.08

11.06

11.04

WT

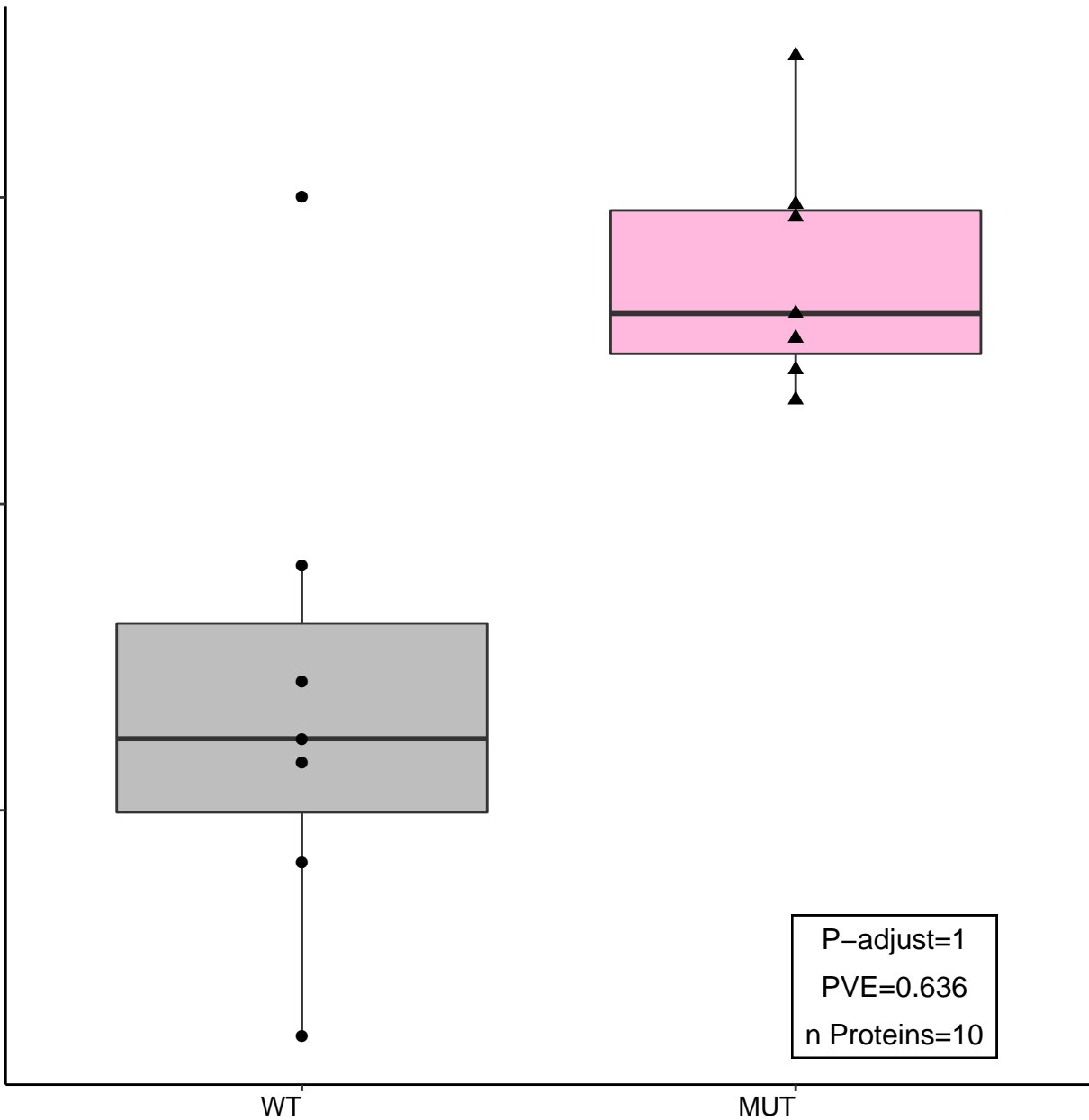
MUT

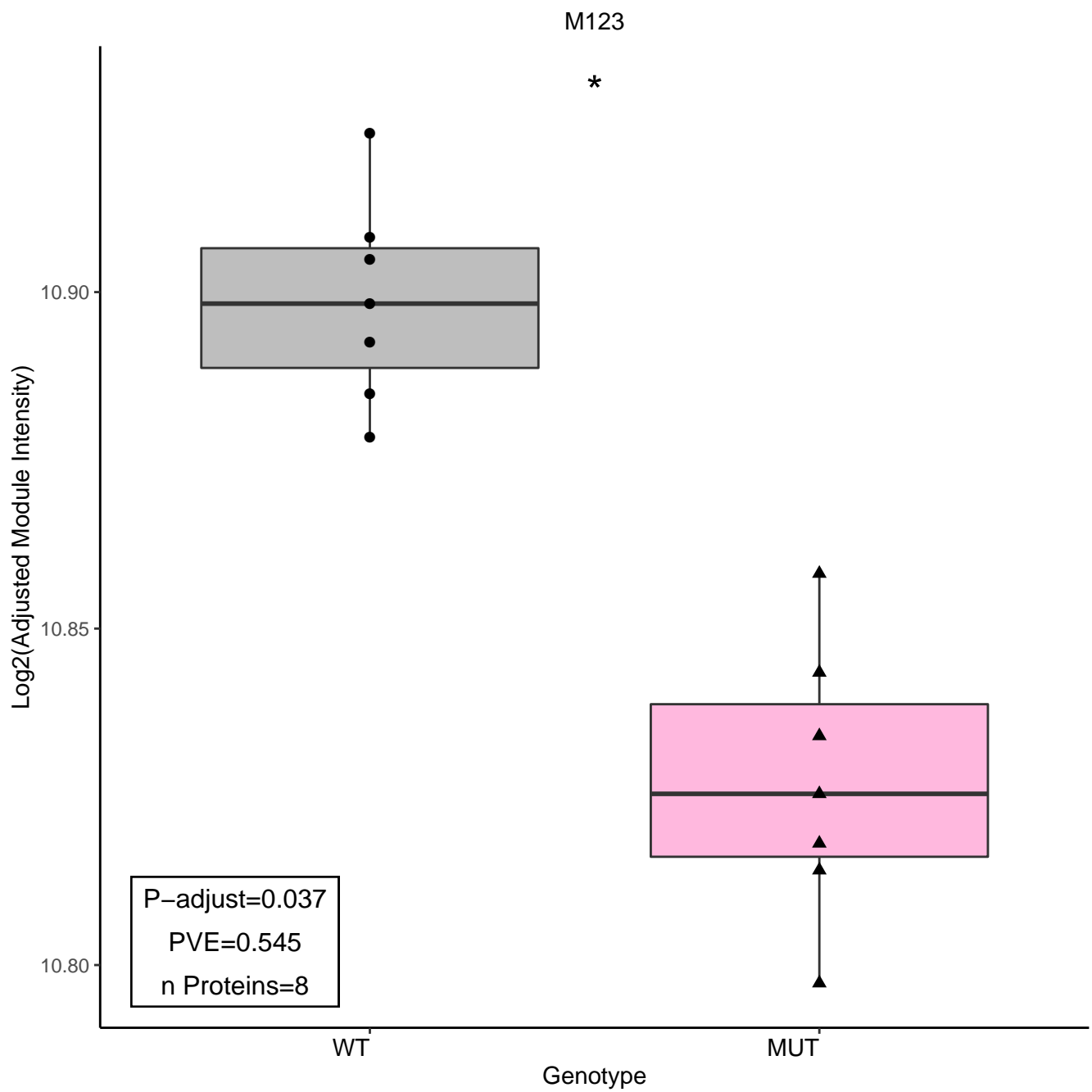
Genotype

P-adjust=1

PVE=0.636

n Proteins=10





M124

Log2(Adjusted Module Intensity)

15.00

14.98

14.96

WT

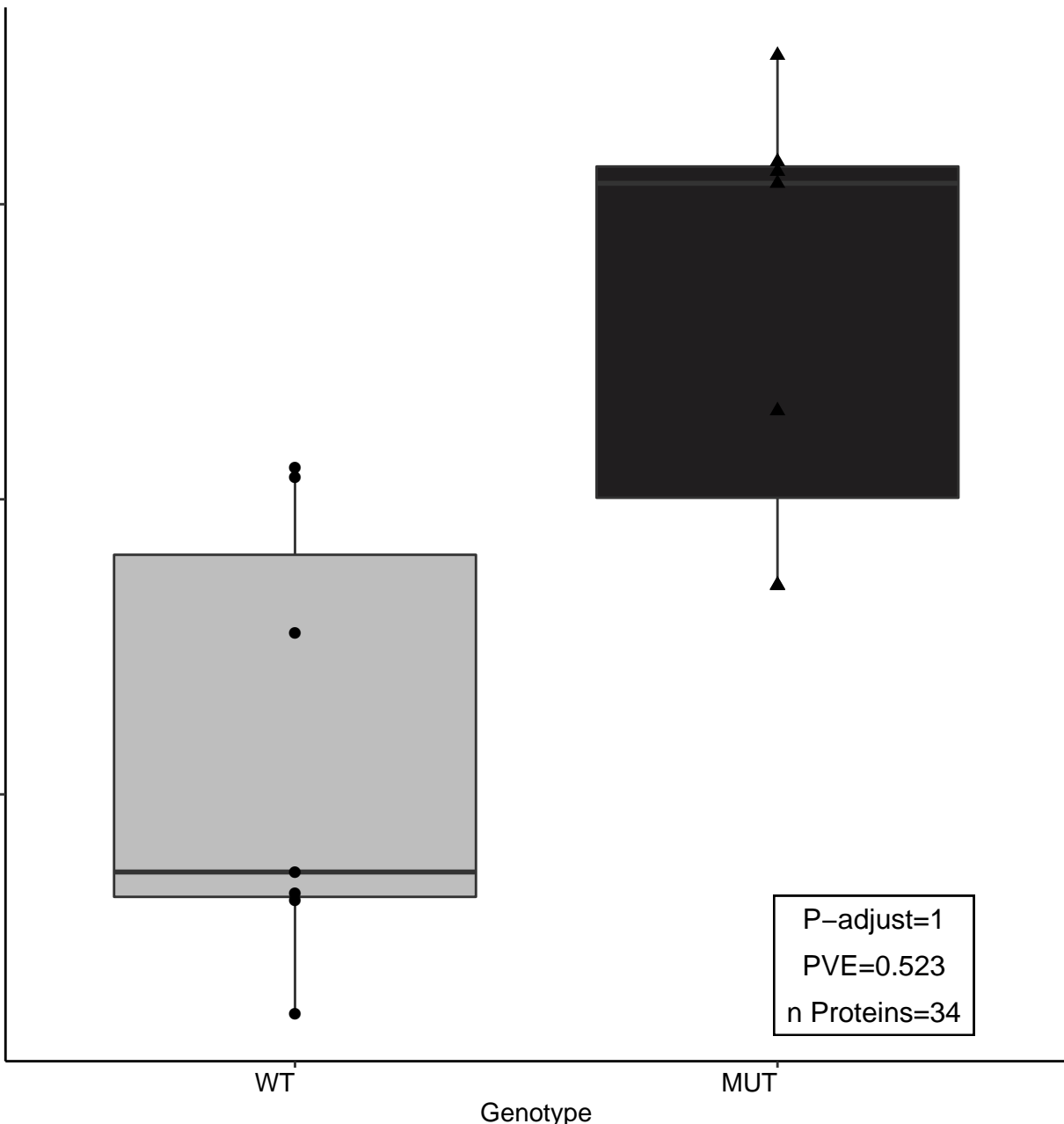
MUT

Genotype

P-adjust=1

PVE=0.523

n Proteins=34



M125

Log2(Adjusted Module Intensity)

12.76

12.75

12.74

WT

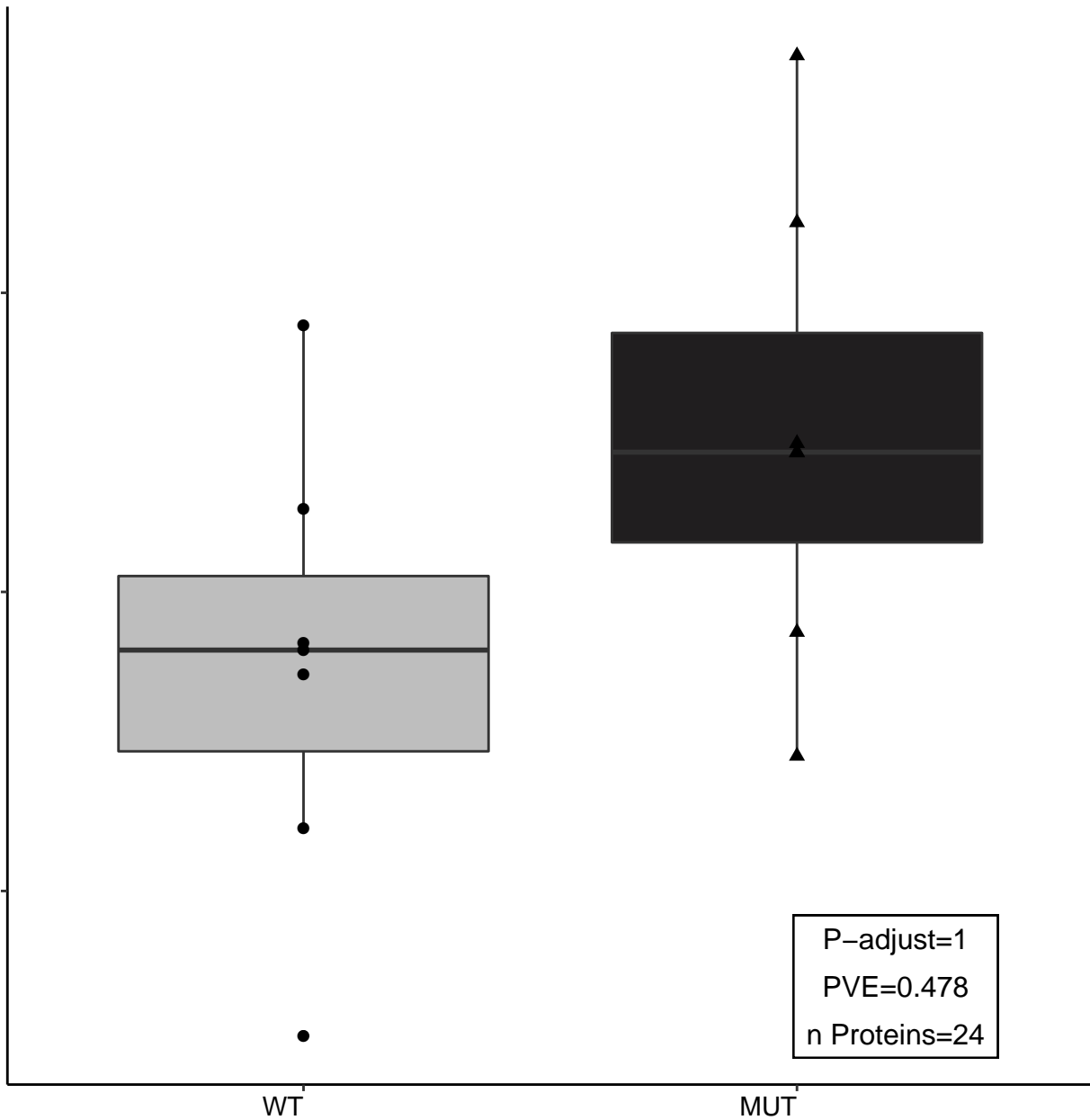
Genotype

MUT

P-adjust=1

PVE=0.478

n Proteins=24



M126

Log2(Adjusted Module Intensity)

11.48

11.46

11.44

11.42

WT

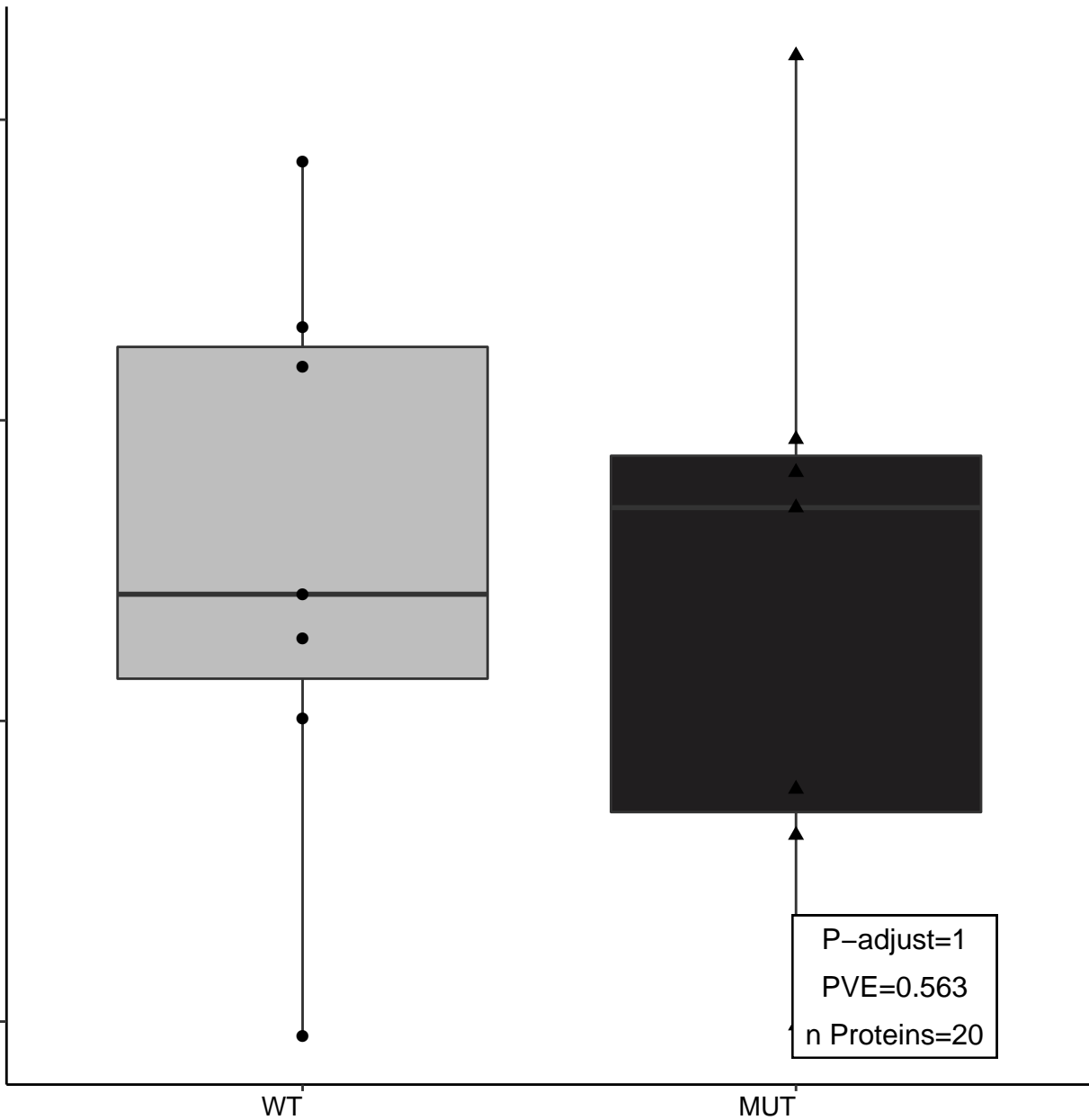
Genotype

MUT

P-adjust=1

PVE=0.563

n Proteins=20



M127

Log2(Adjusted Module Intensity)

11.23

11.22

11.21

11.20

11.19

WT

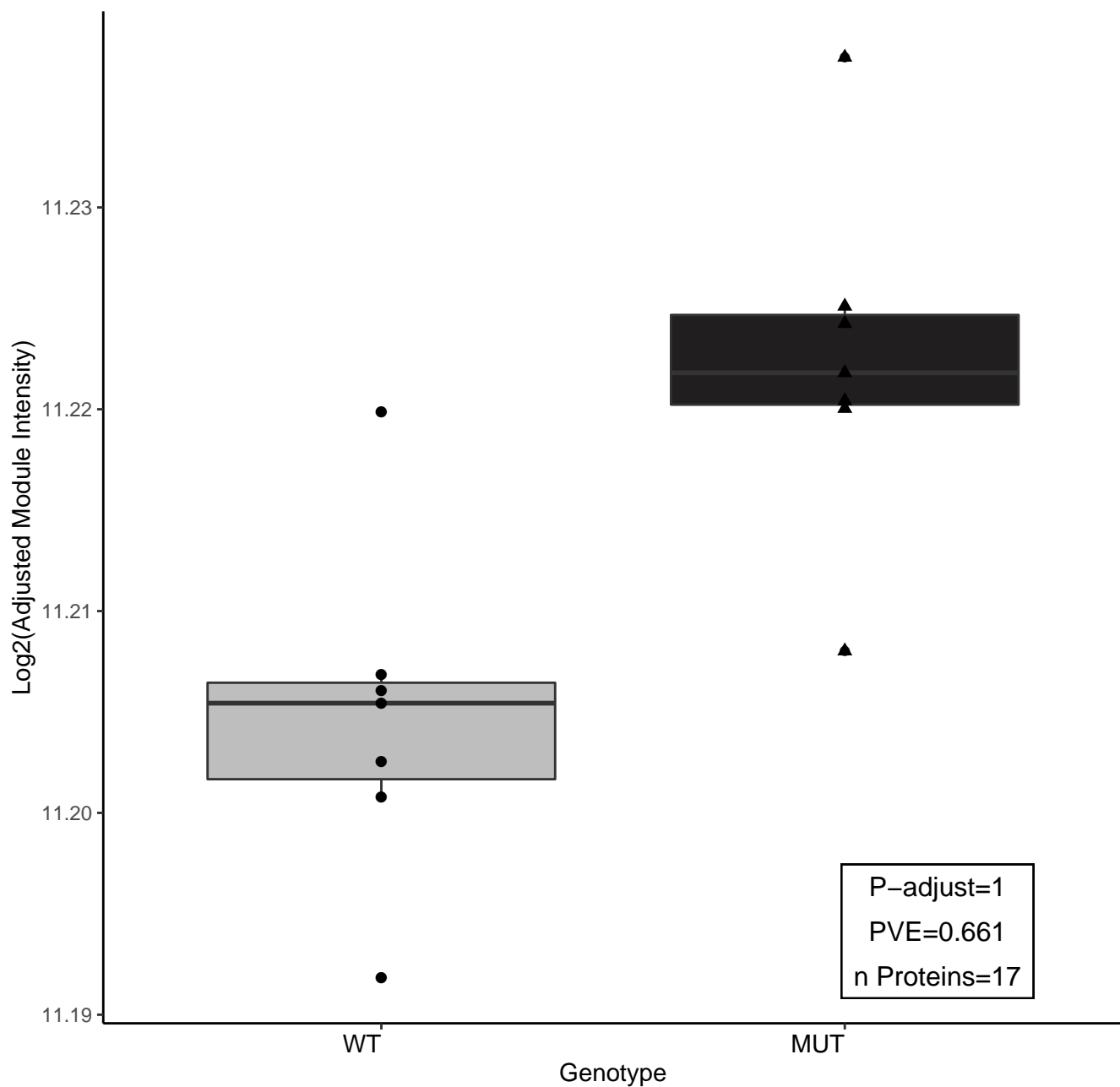
MUT

Genotype

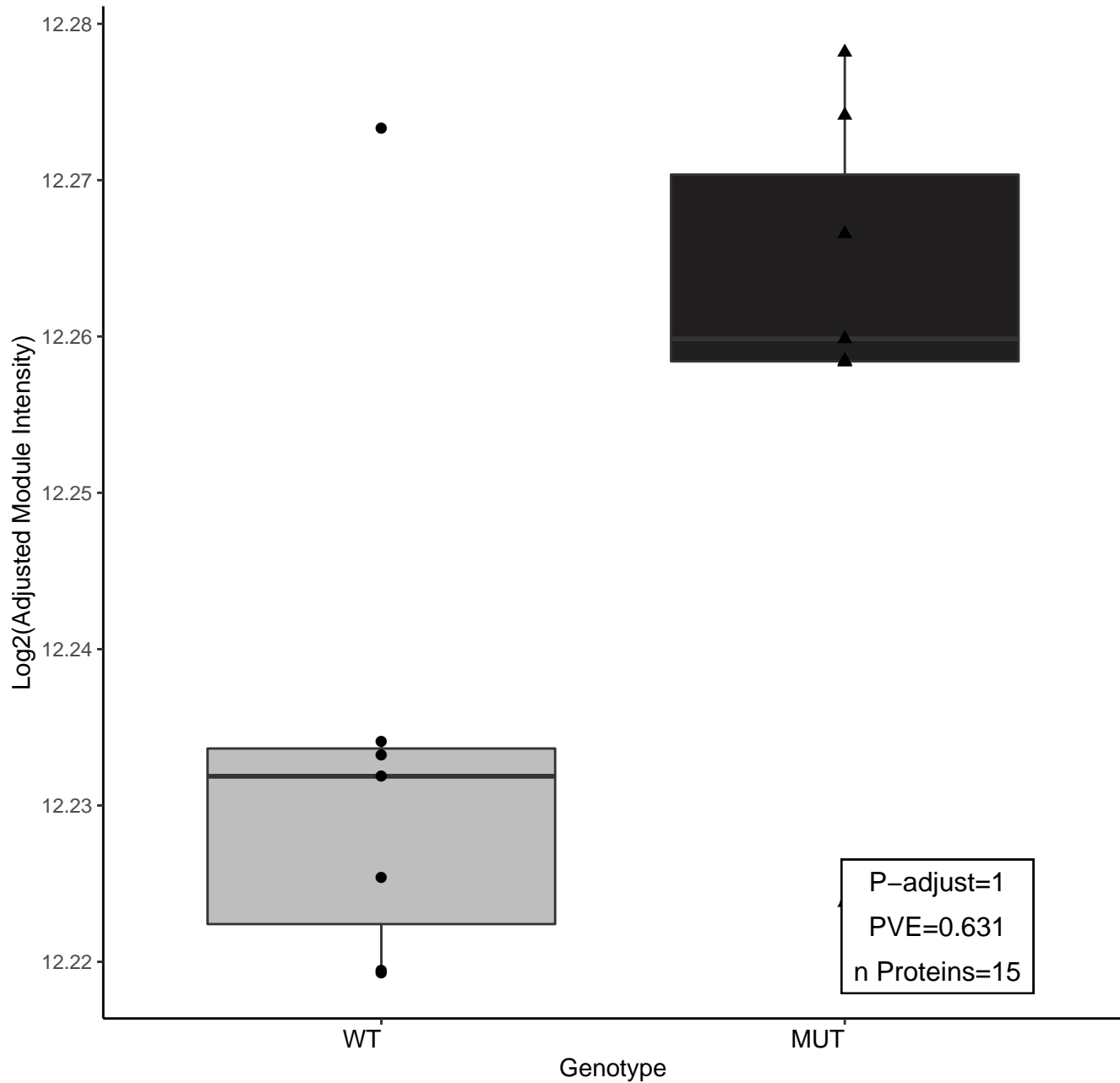
P-adjust=1

PVE=0.661

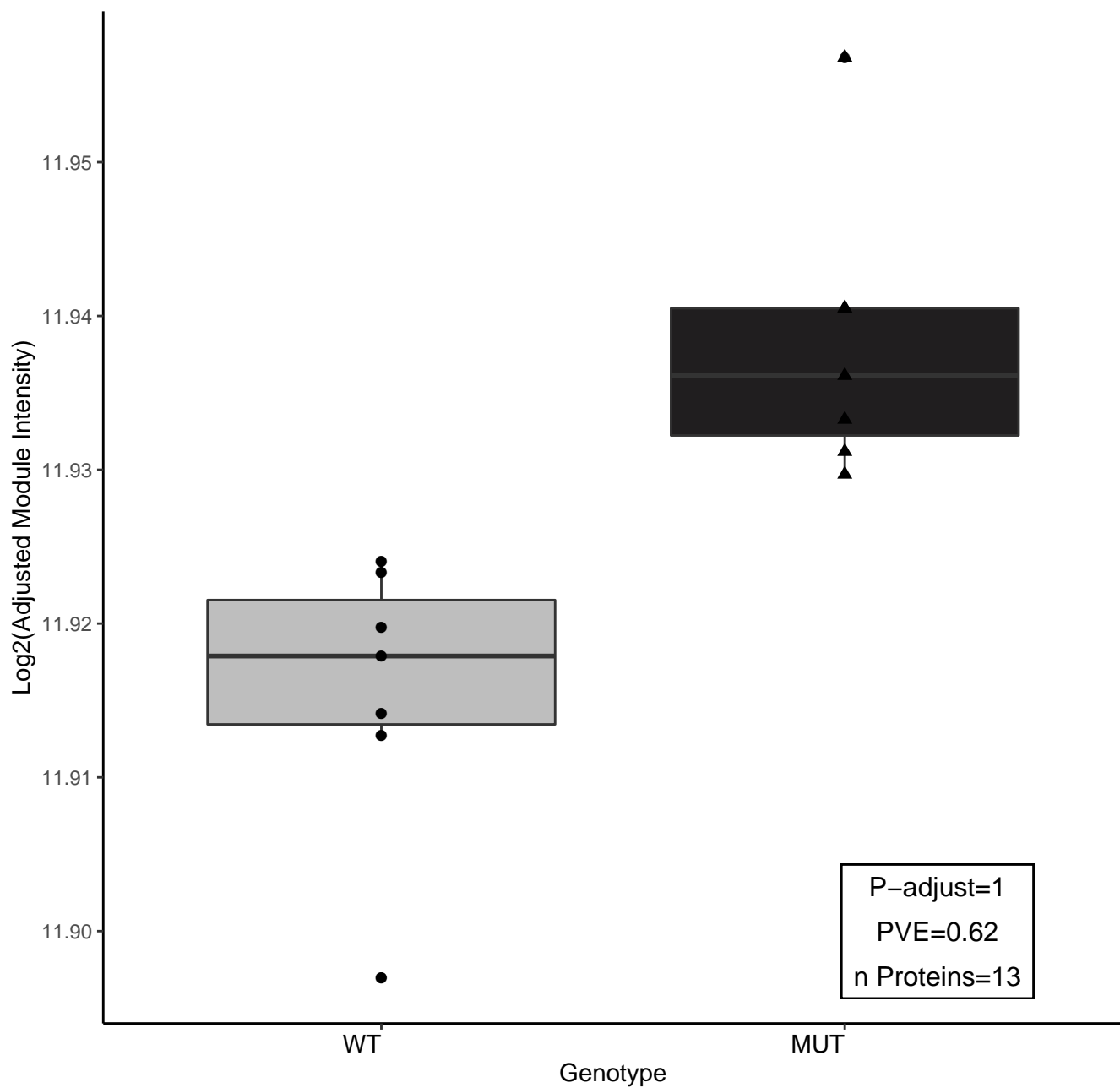
n Proteins=17



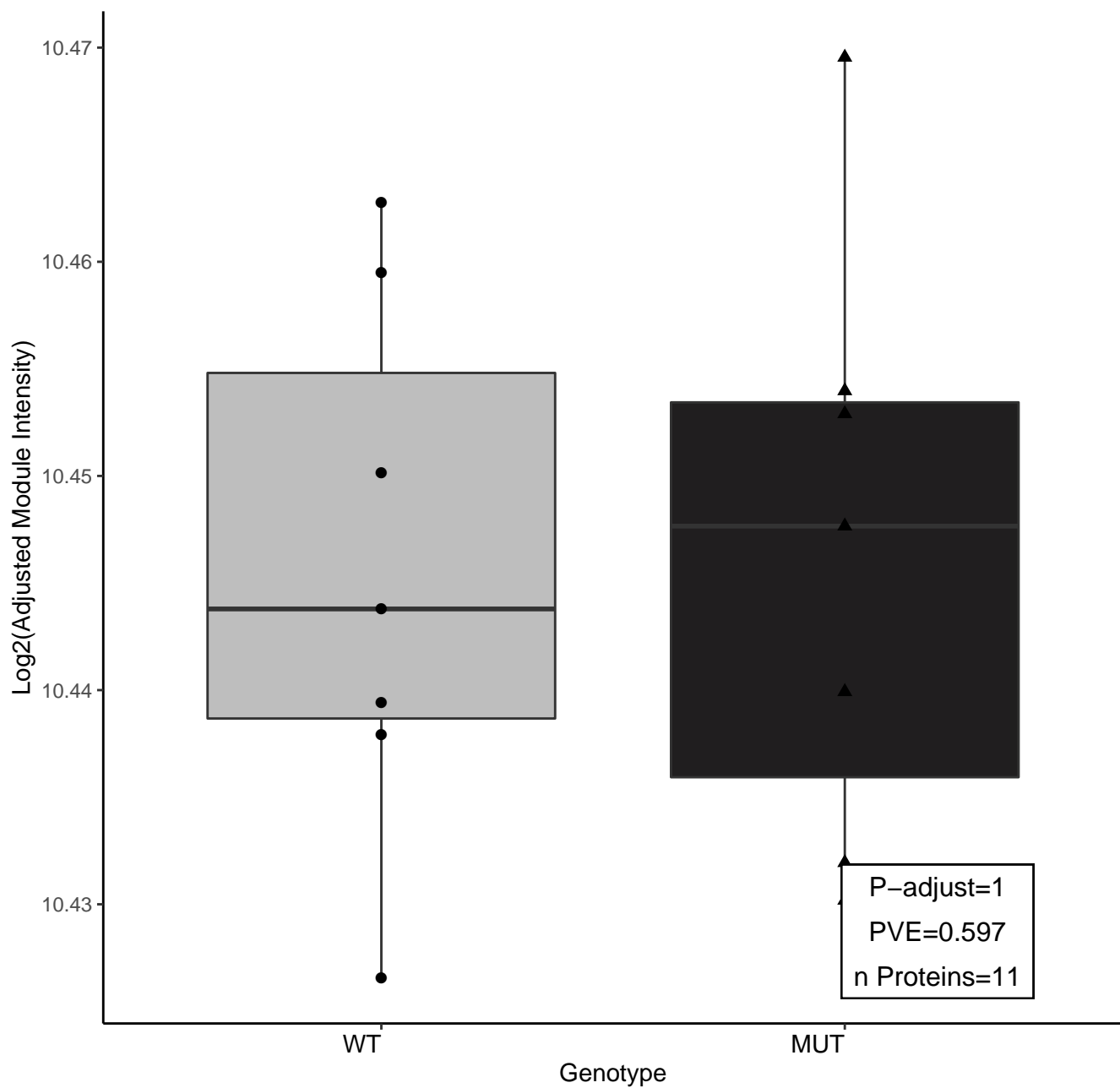
M128



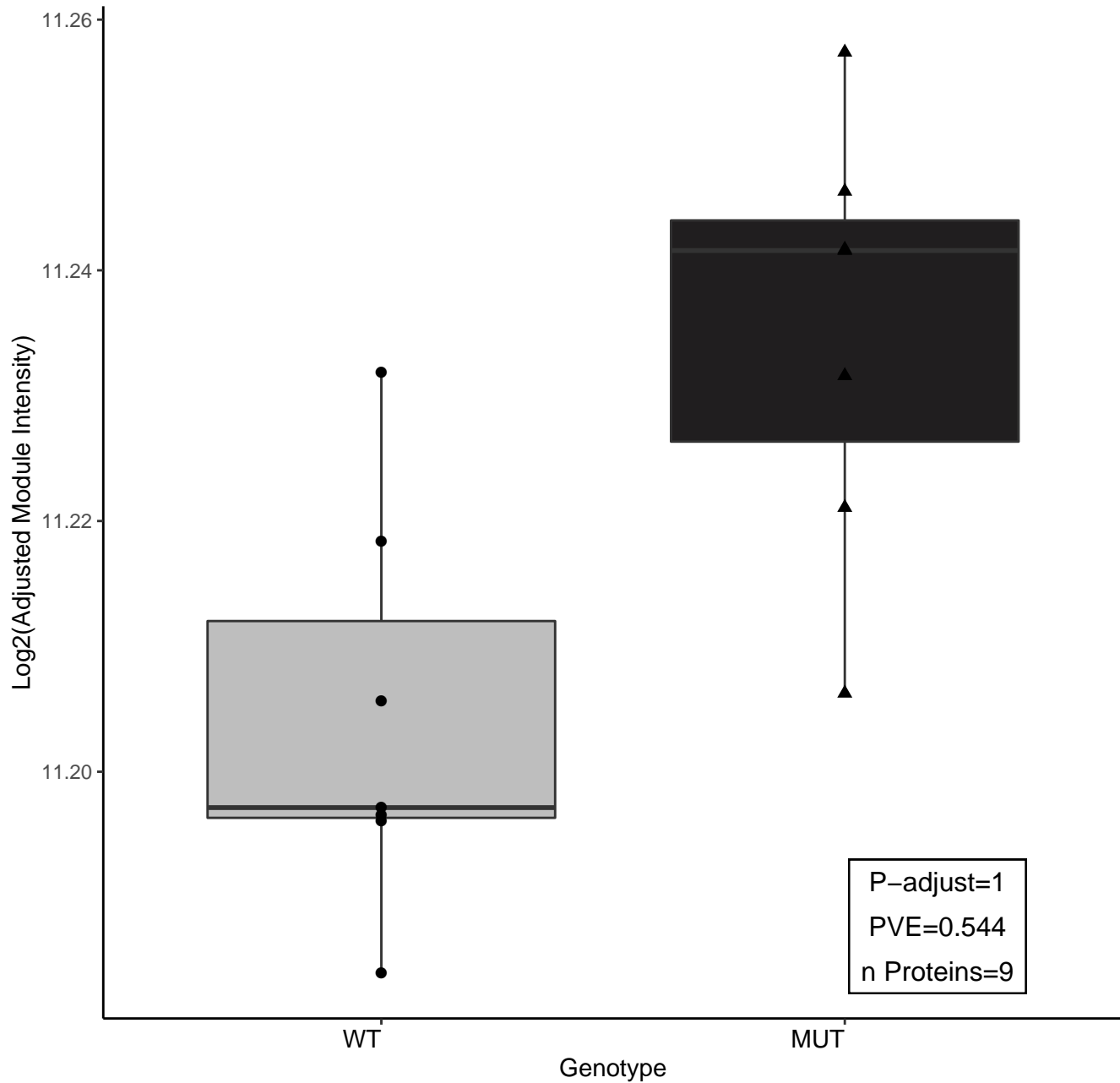
M129



M130



M131



M132

Log2(Adjusted Module Intensity)

12.70

12.68

12.66

12.64

12.62

12.60

WT

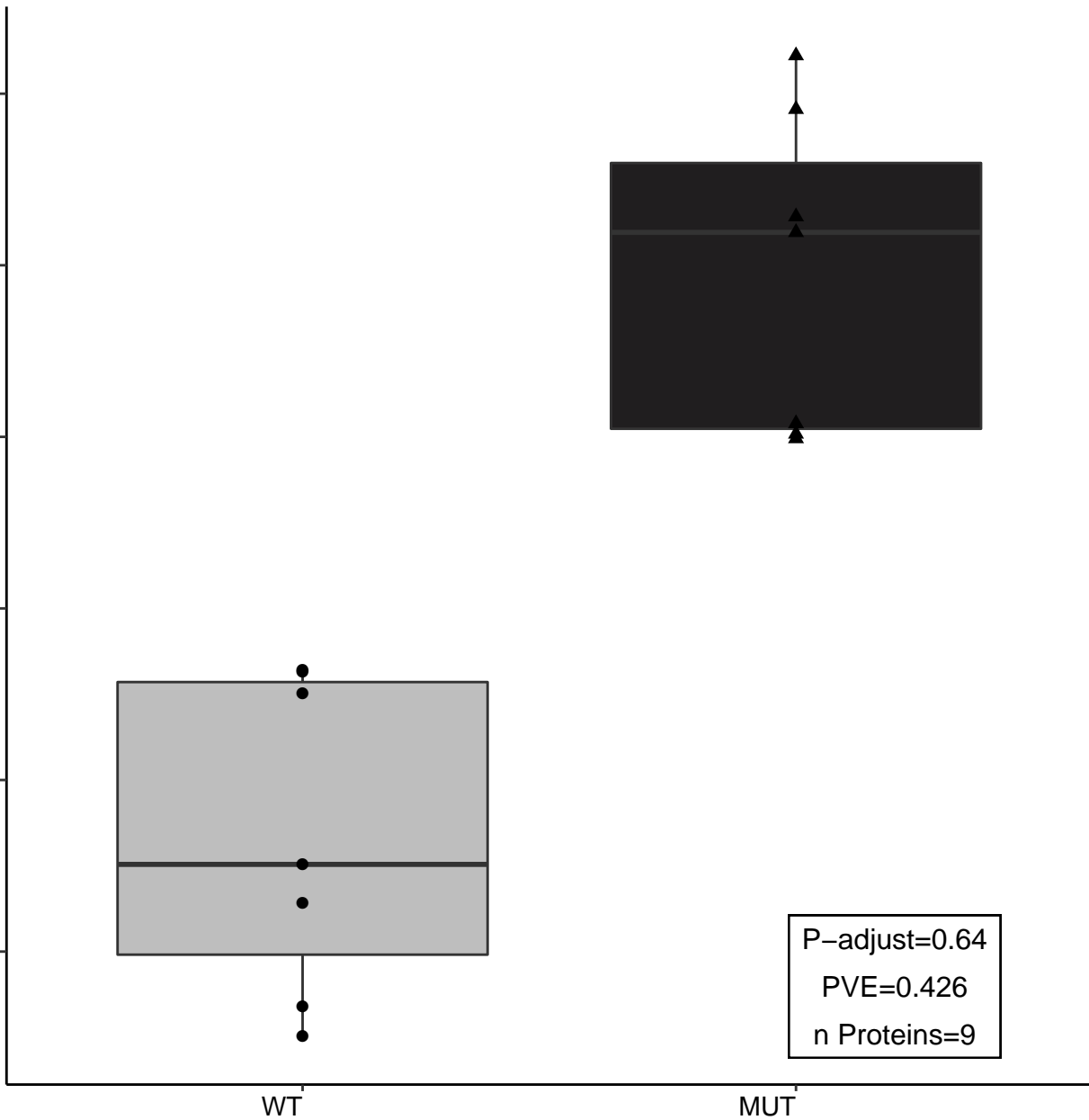
MUT

Genotype

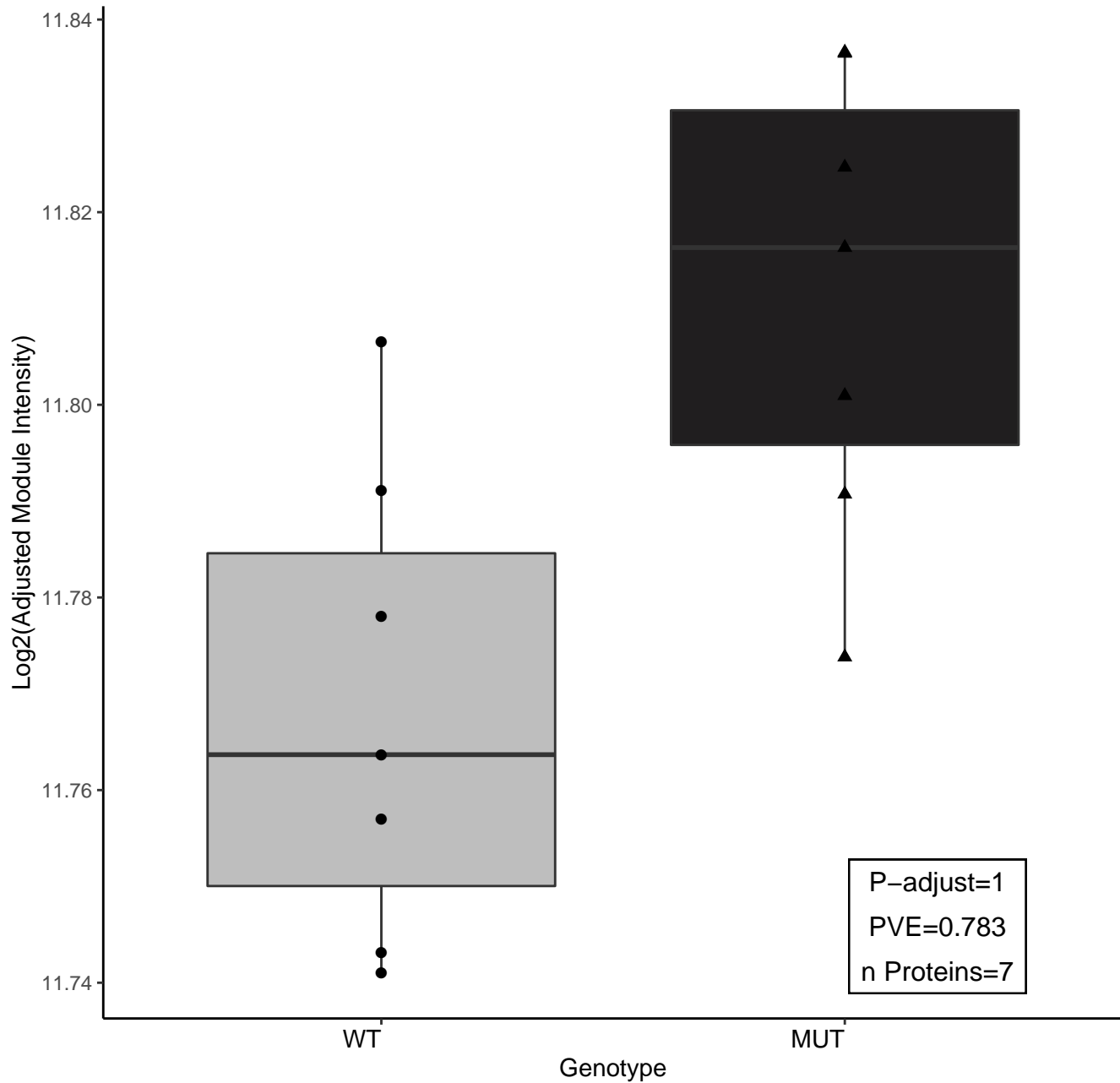
P-adjust=0.64

PVE=0.426

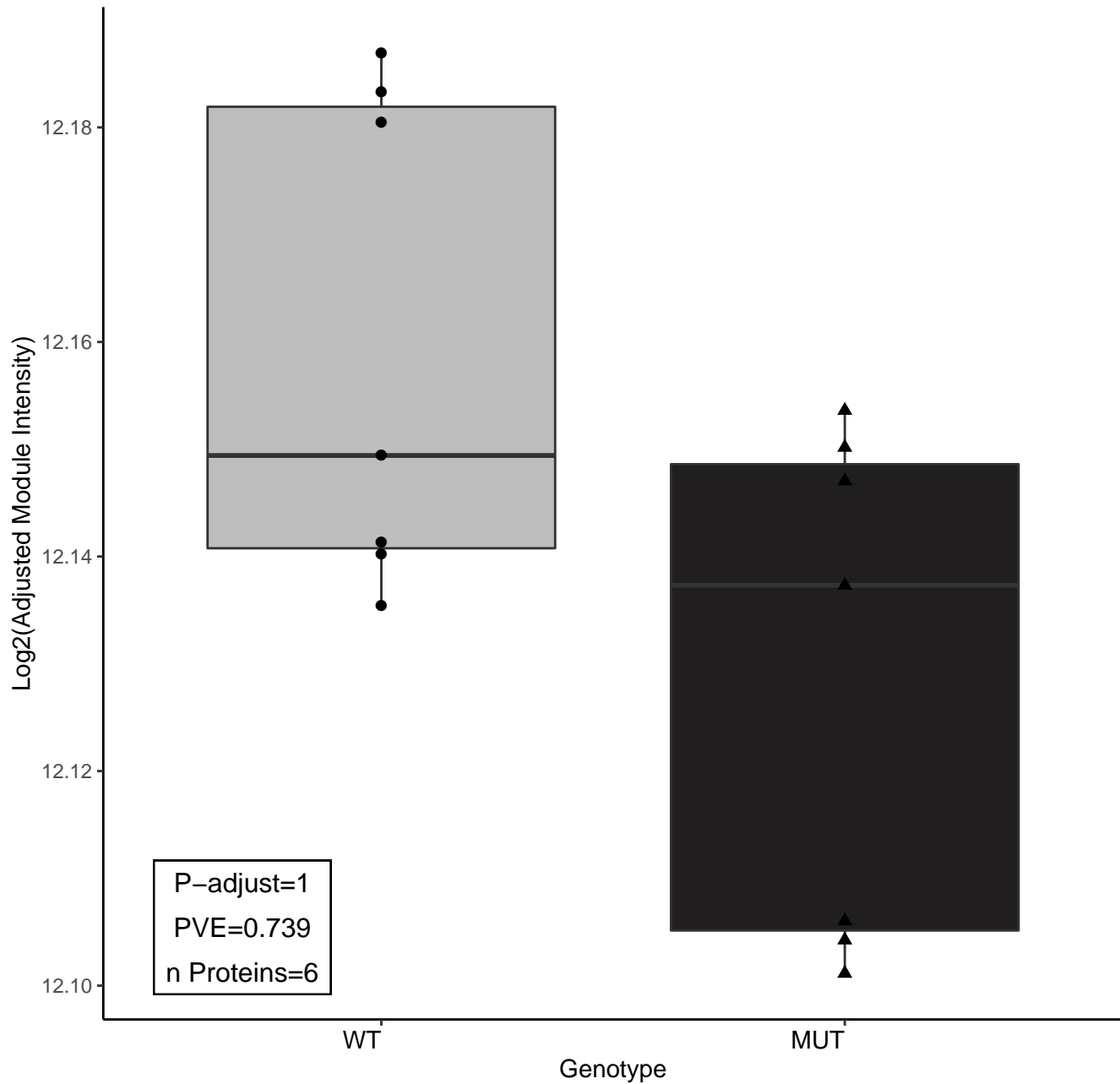
n Proteins=9

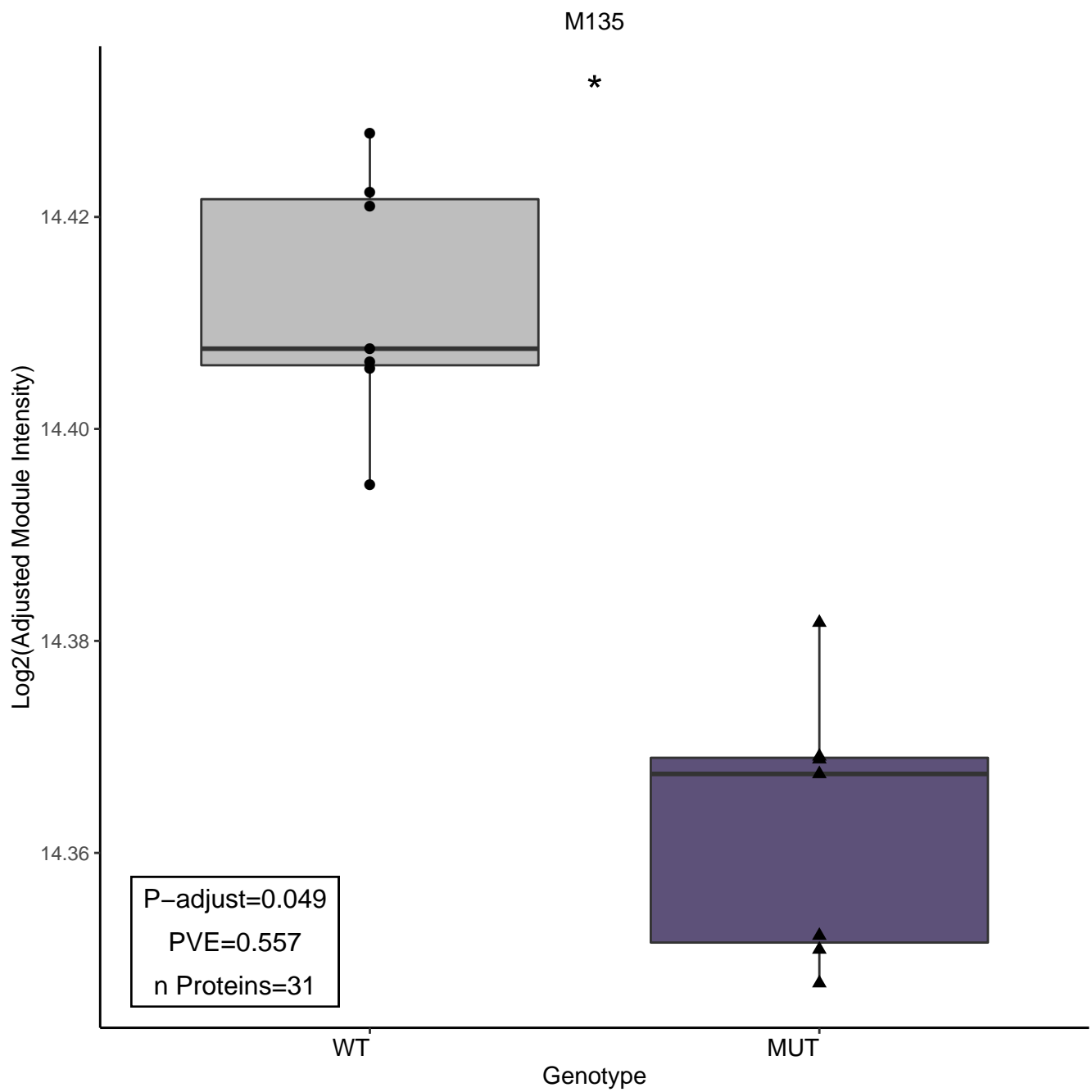


M133

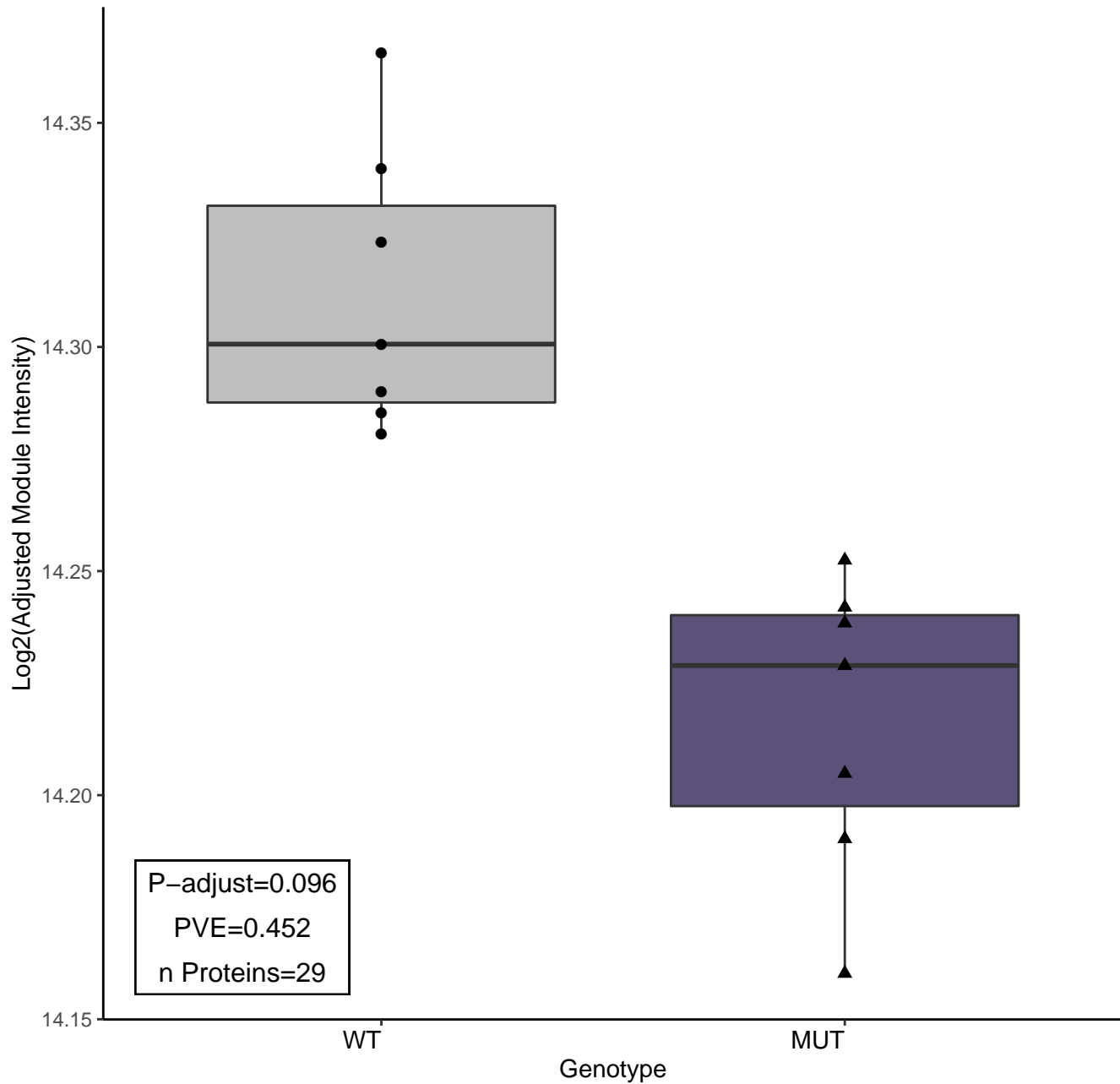


M134





M136



M137

Log2(Adjusted Module Intensity)

13.70

13.65

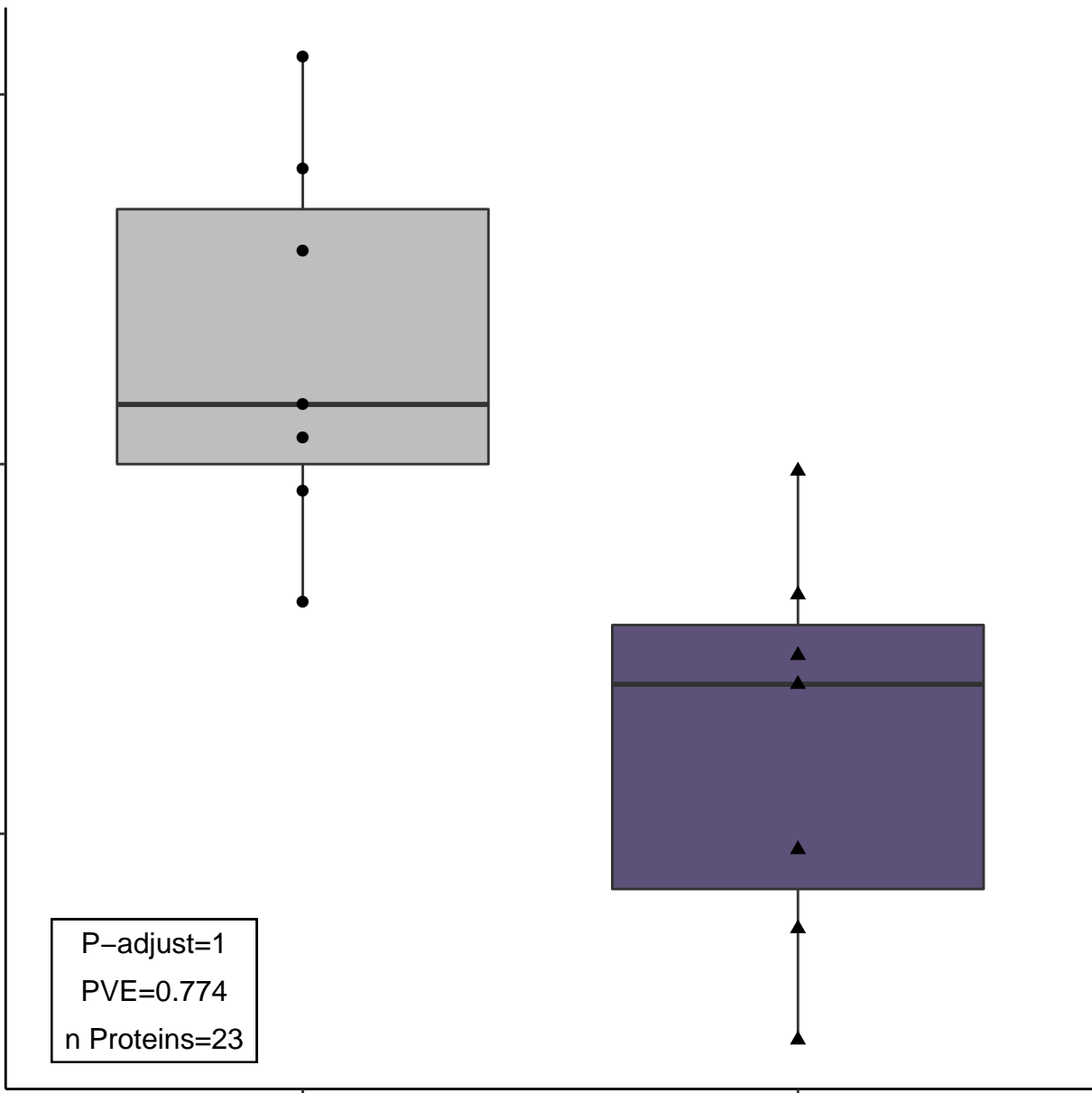
13.60

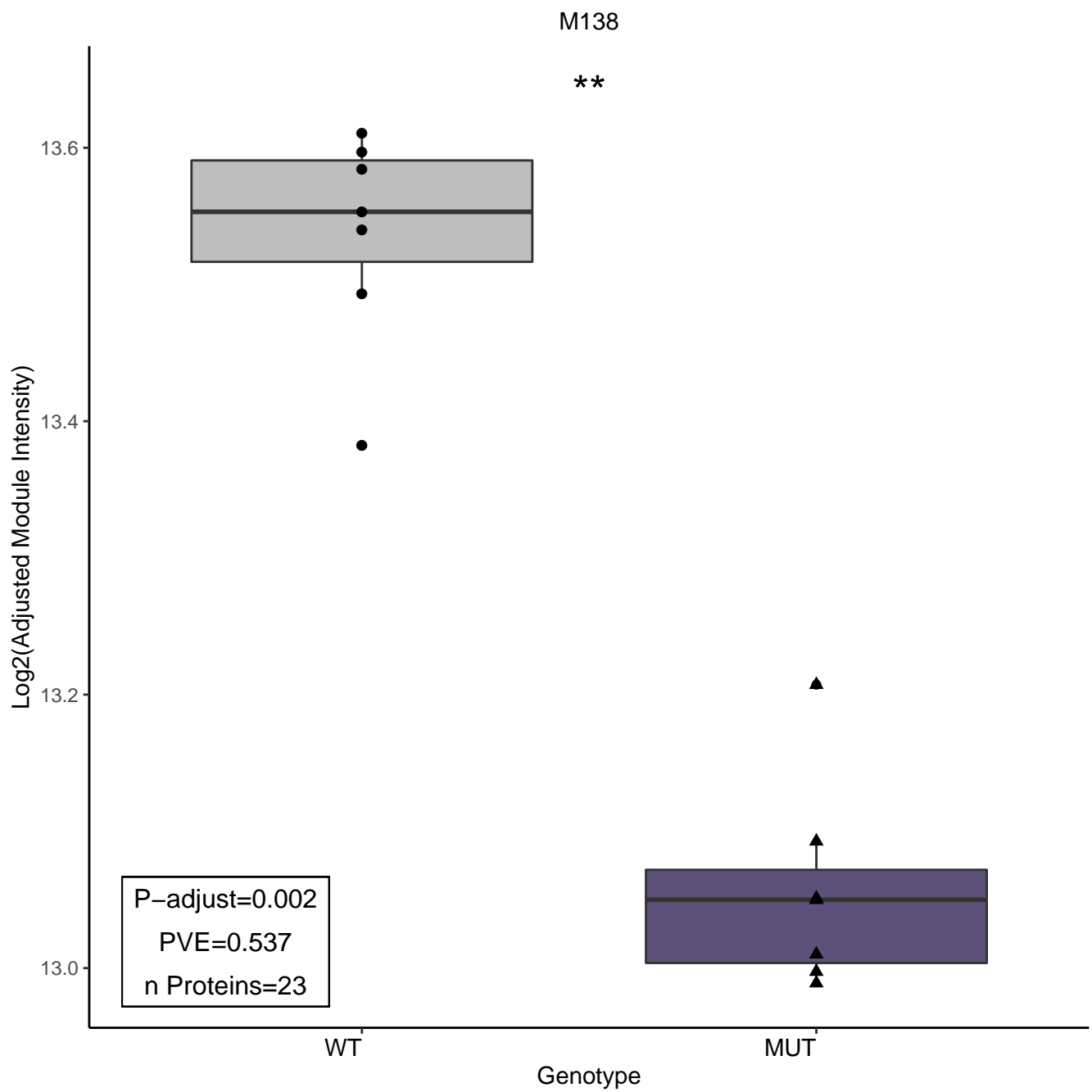
P-adjust=1
PVE=0.774
n Proteins=23

WT

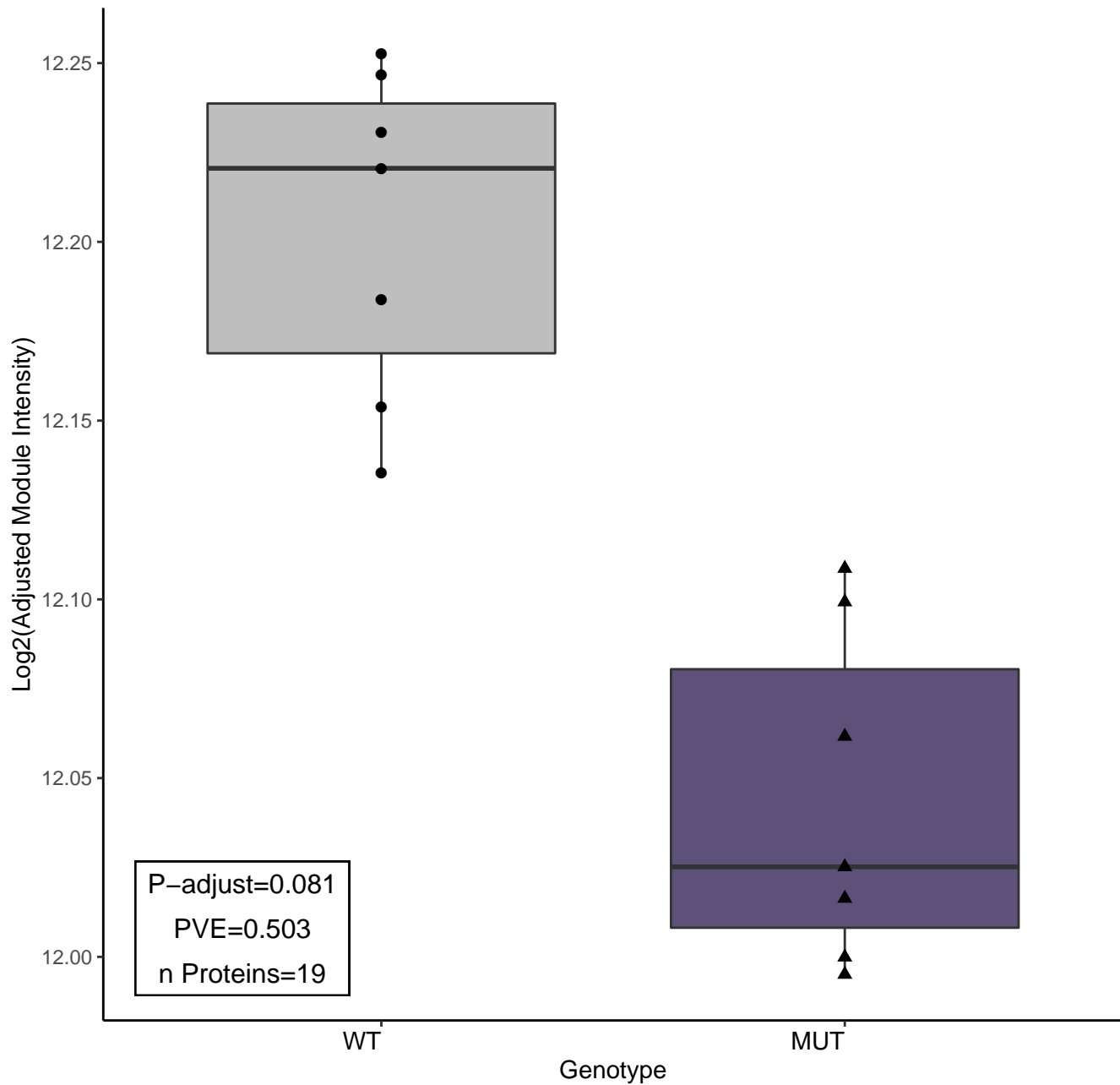
Genotype

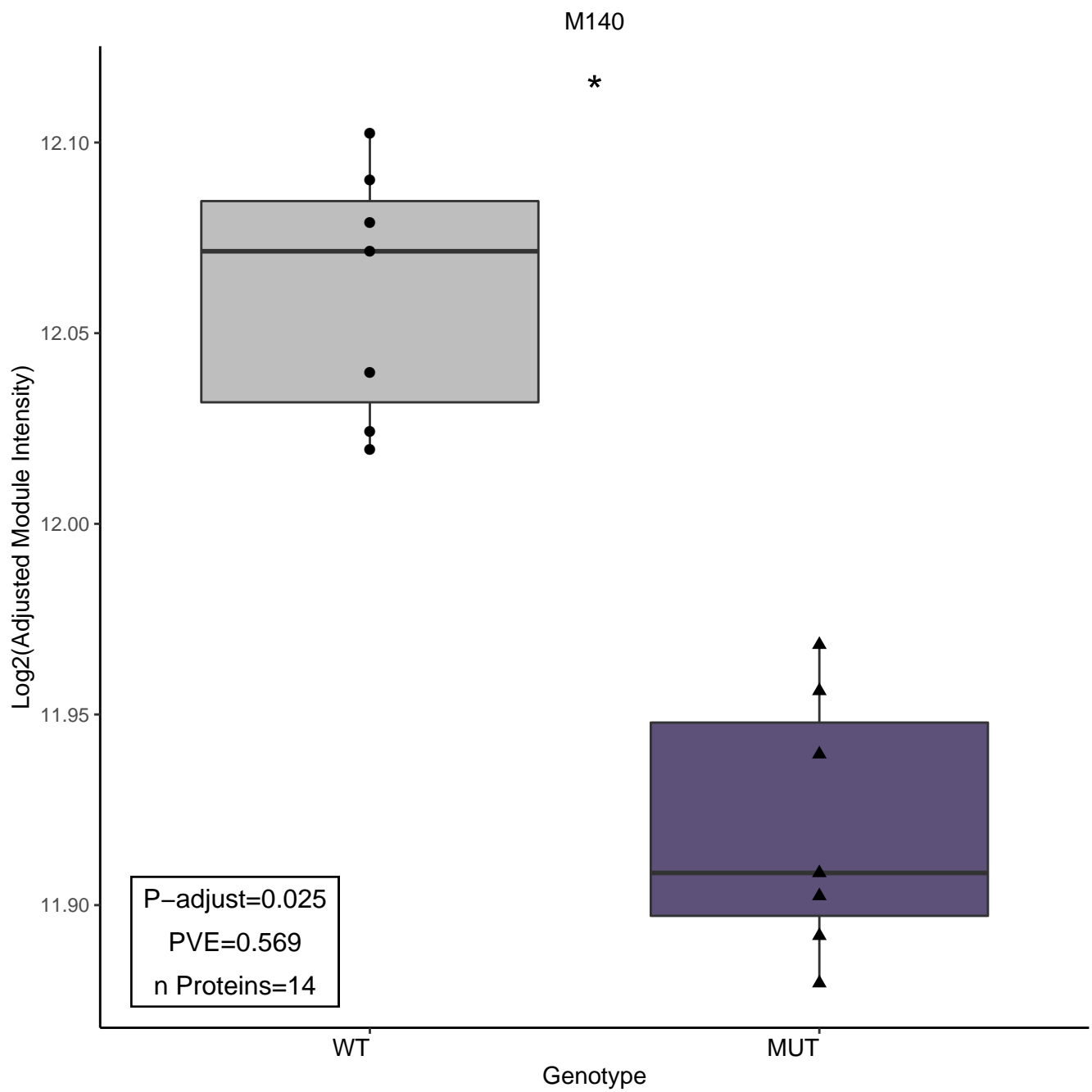
MUT



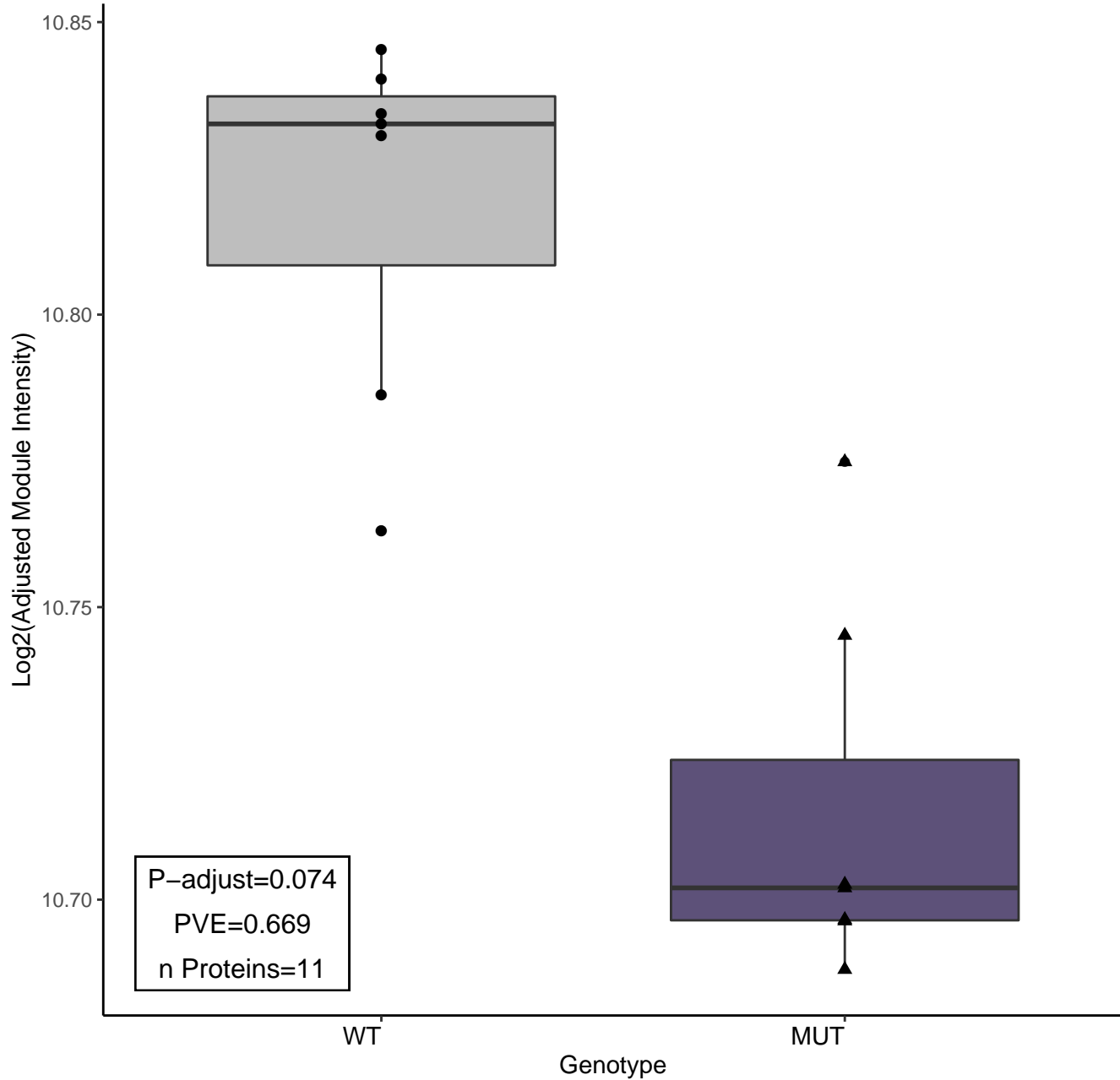


M139

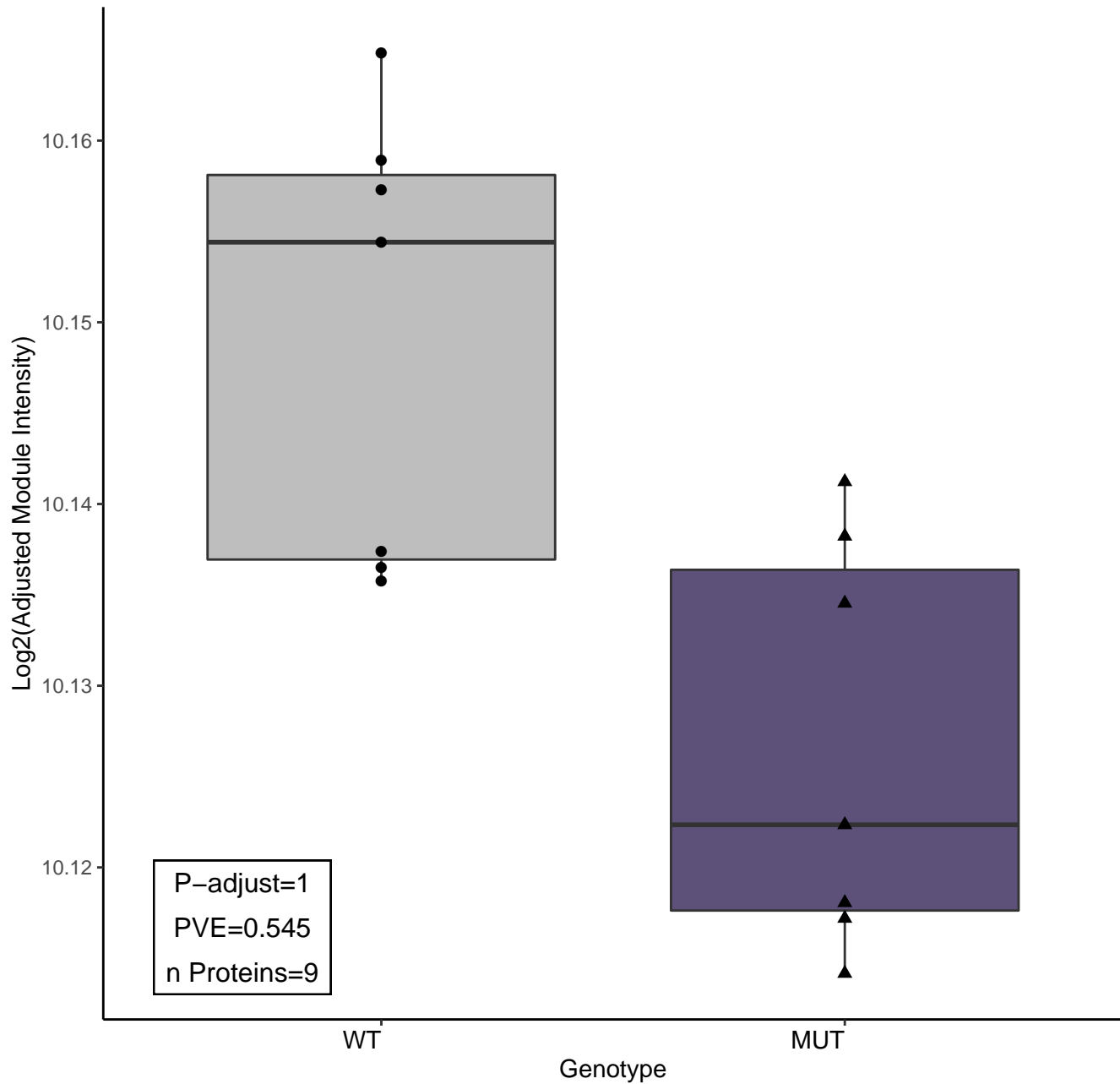




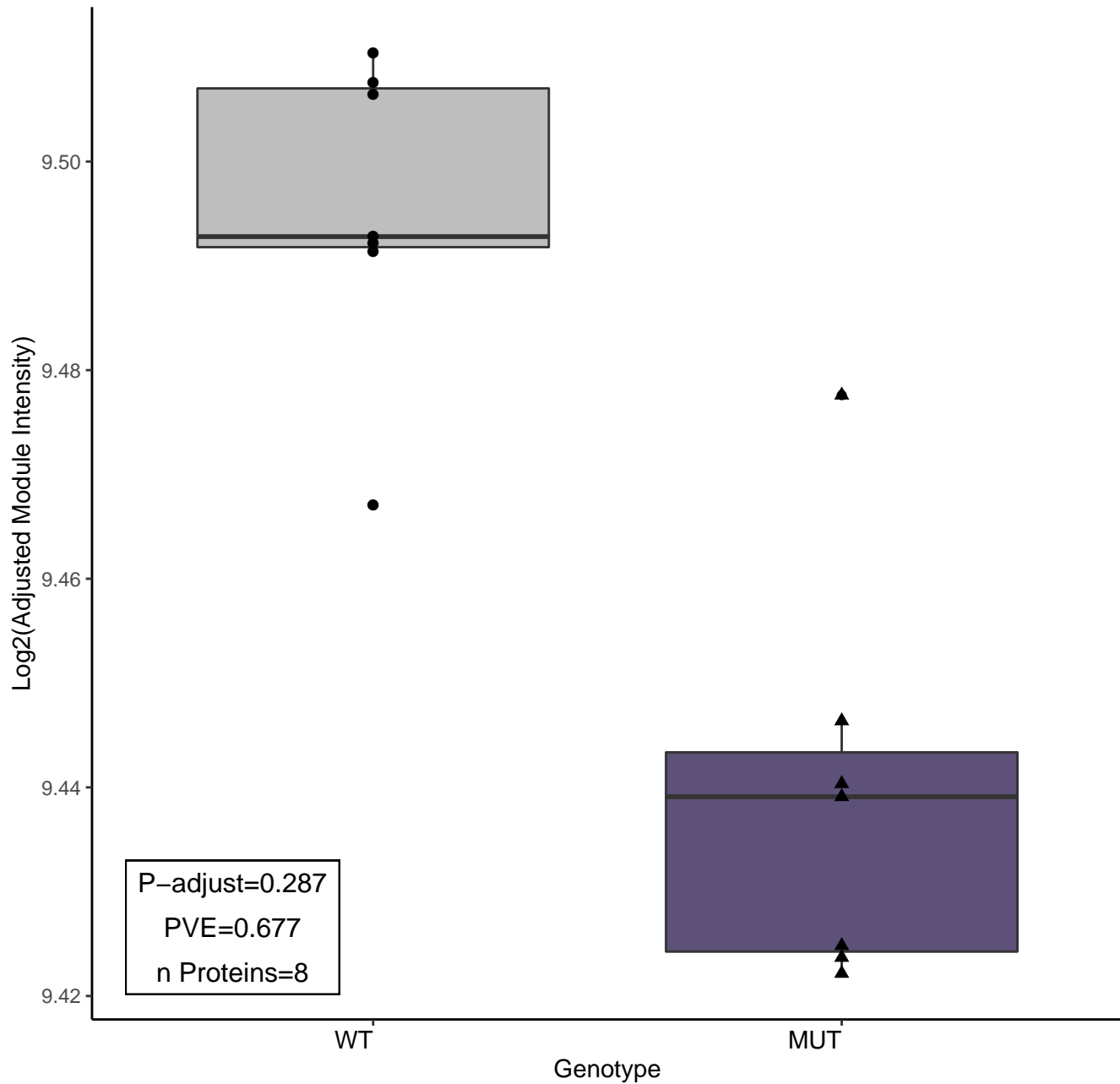
M141



M142



M143



M144

Log2(Adjusted Module Intensity)

14.55

14.50

14.45

P-adjust=0.171

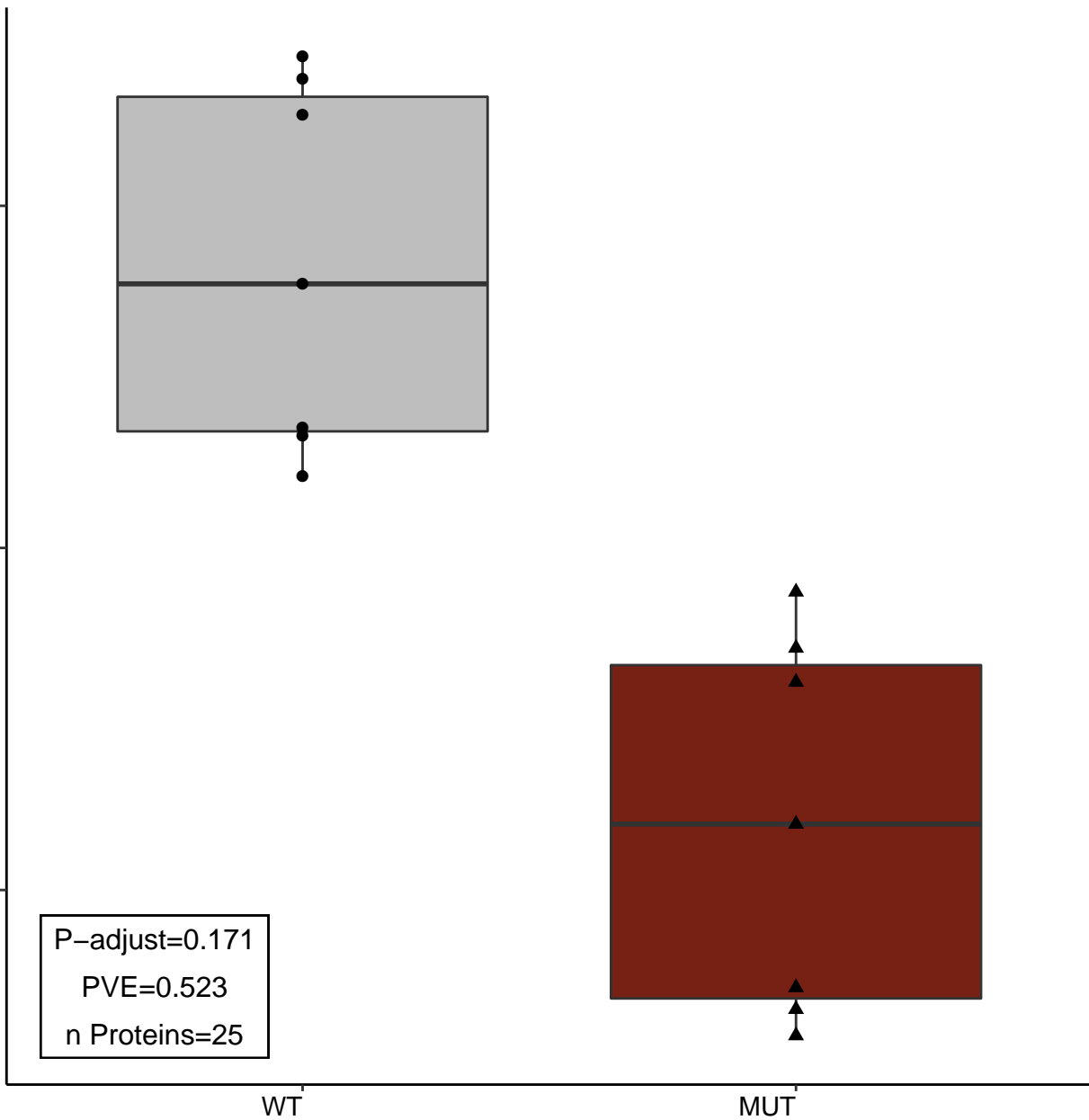
PVE=0.523

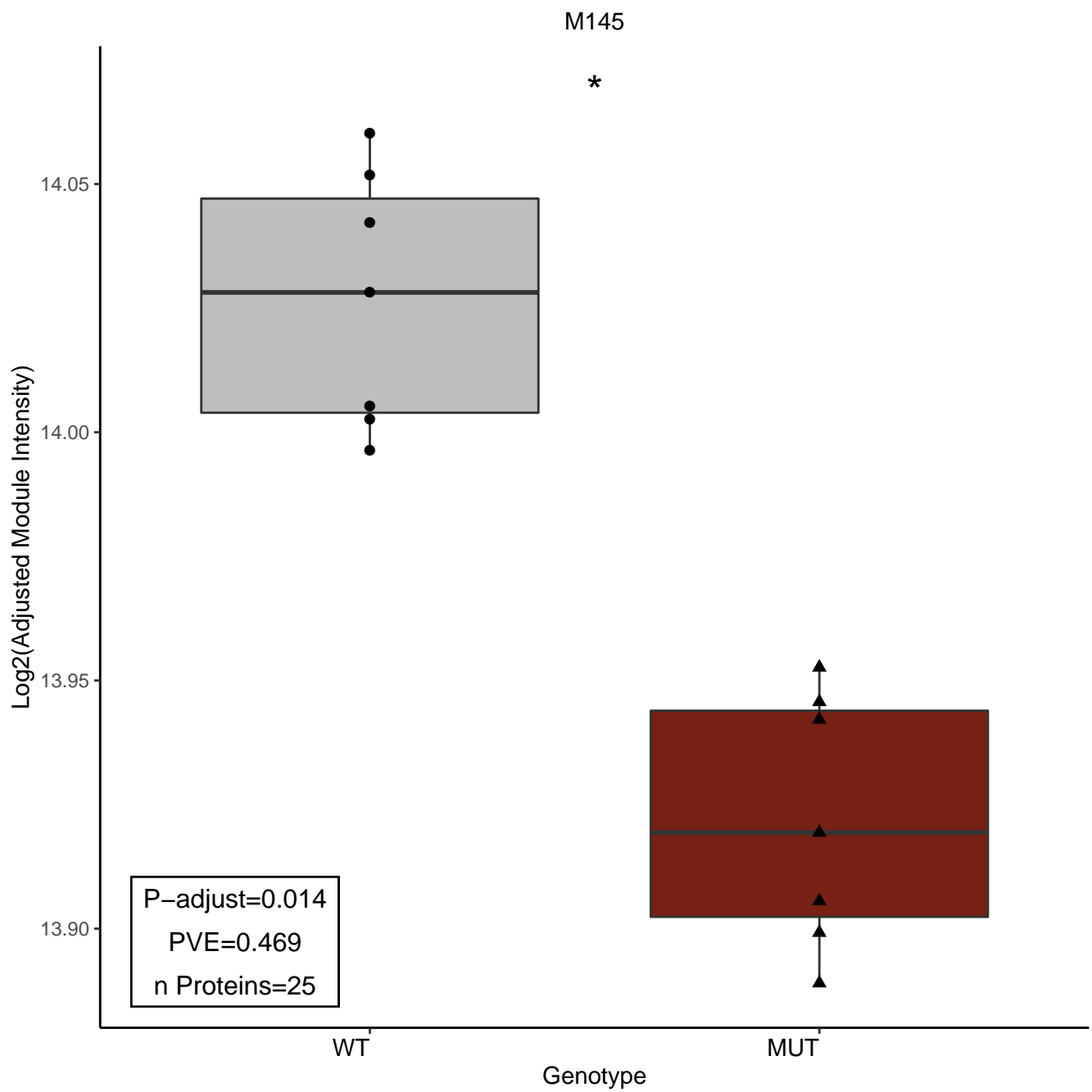
n Proteins=25

WT

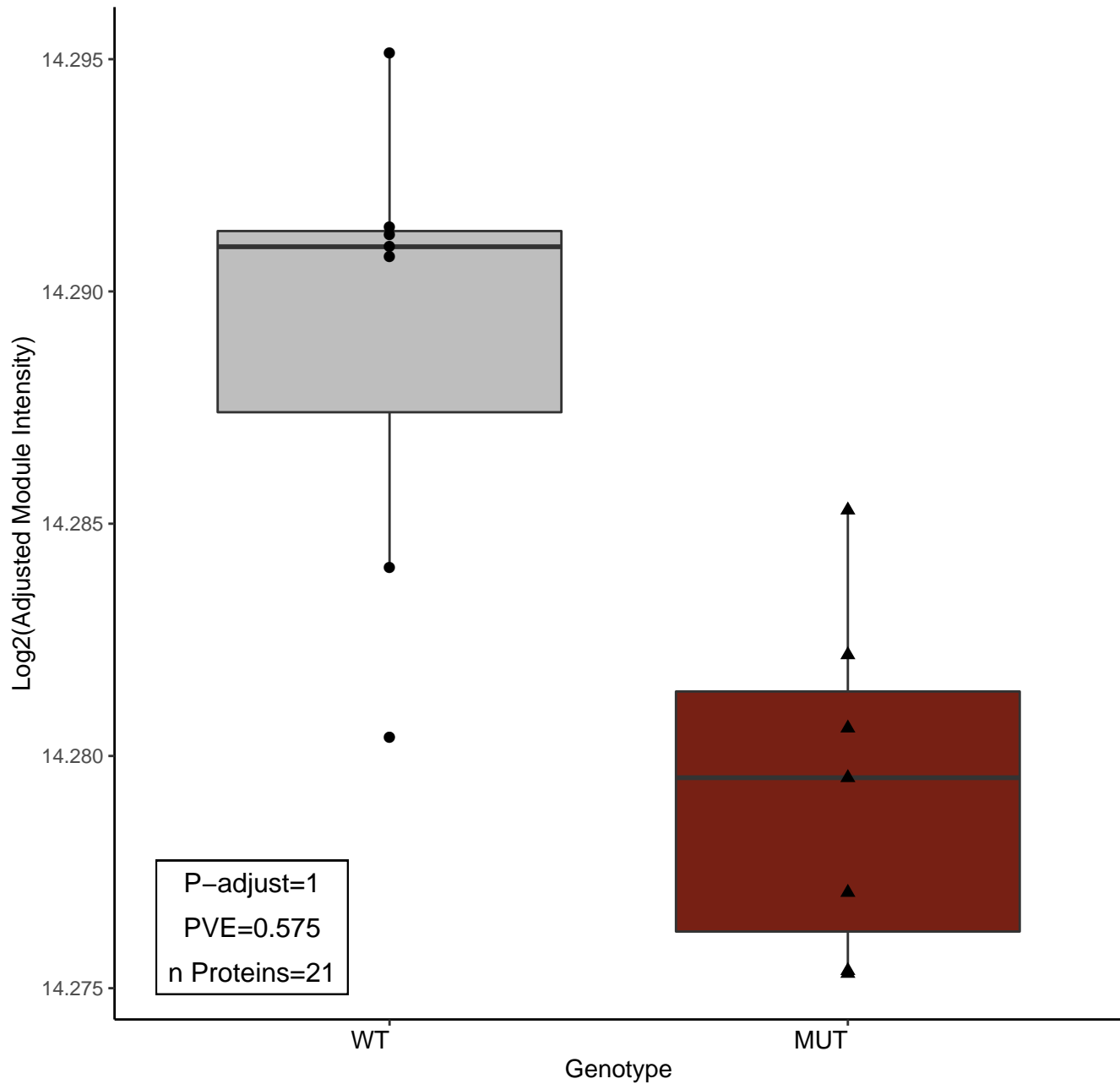
Genotype

MUT

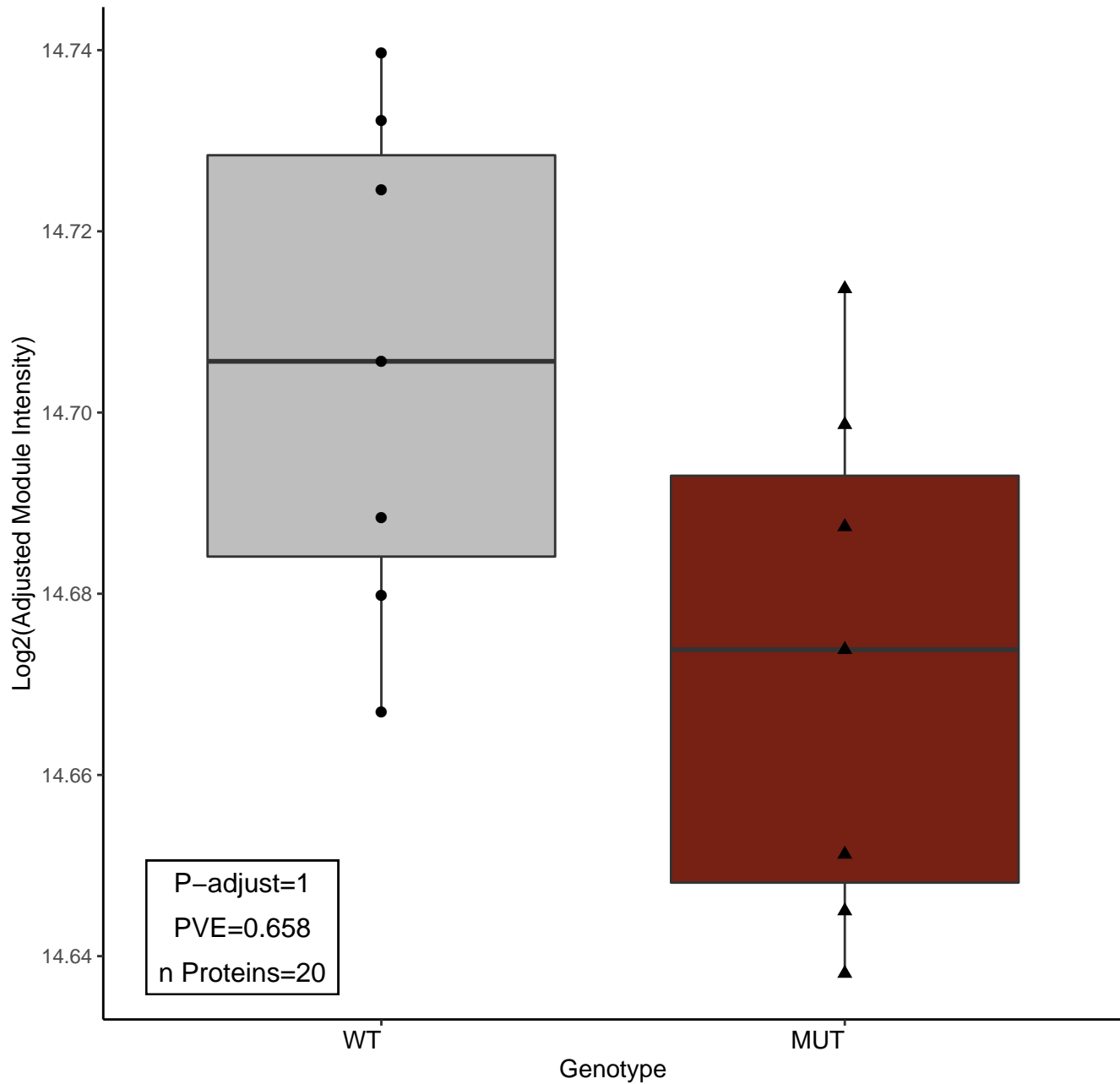




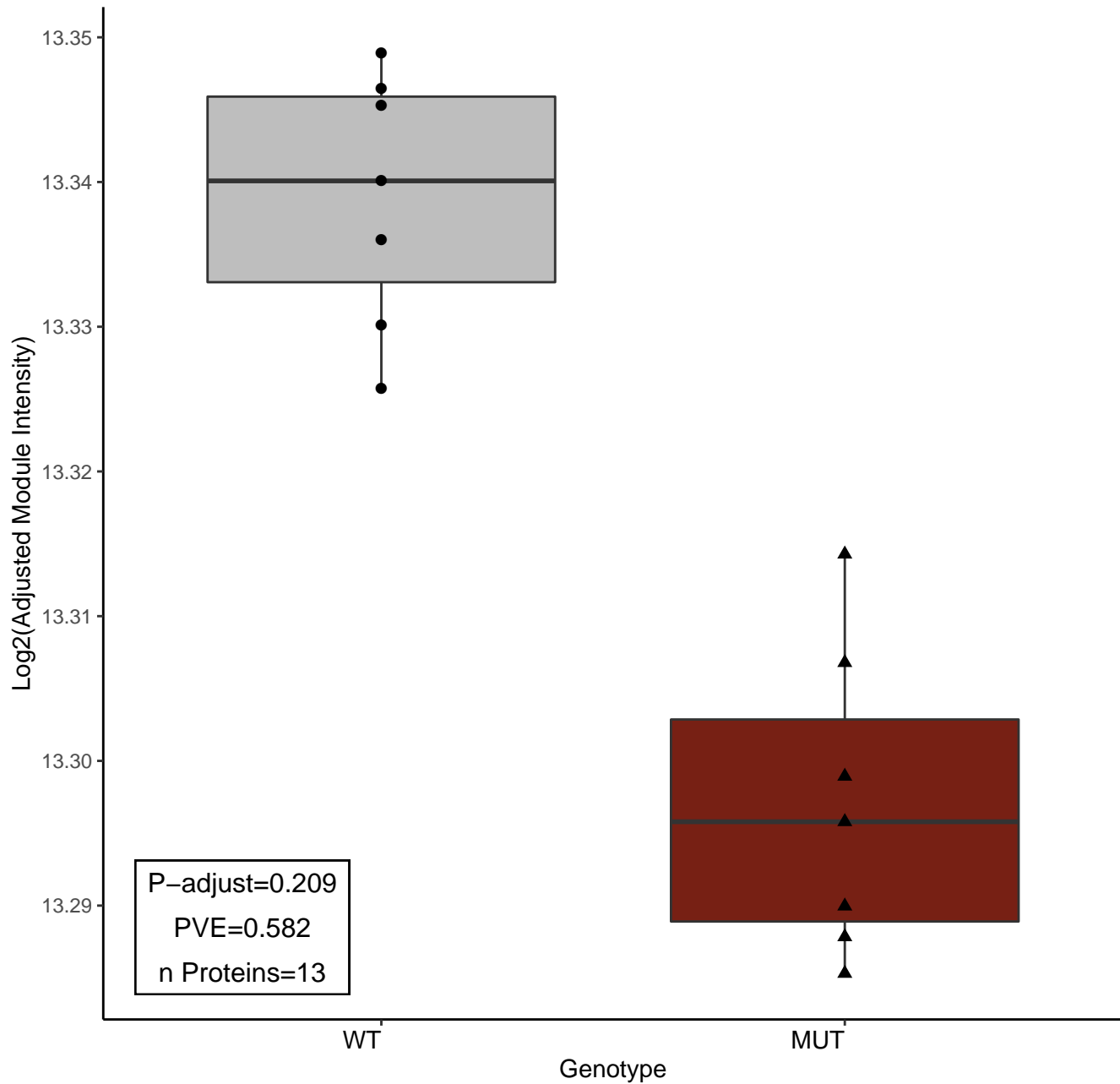
M146



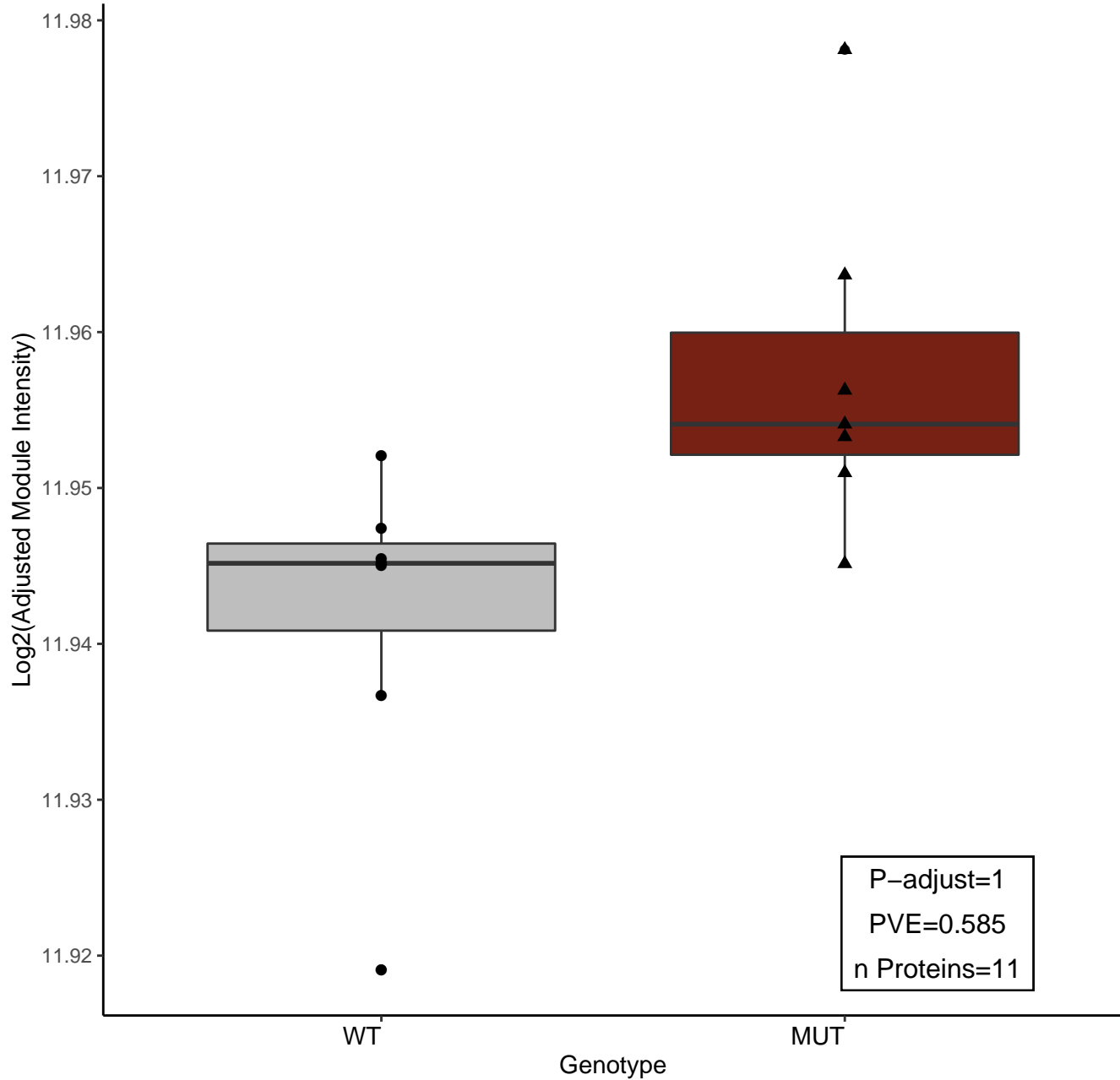
M147



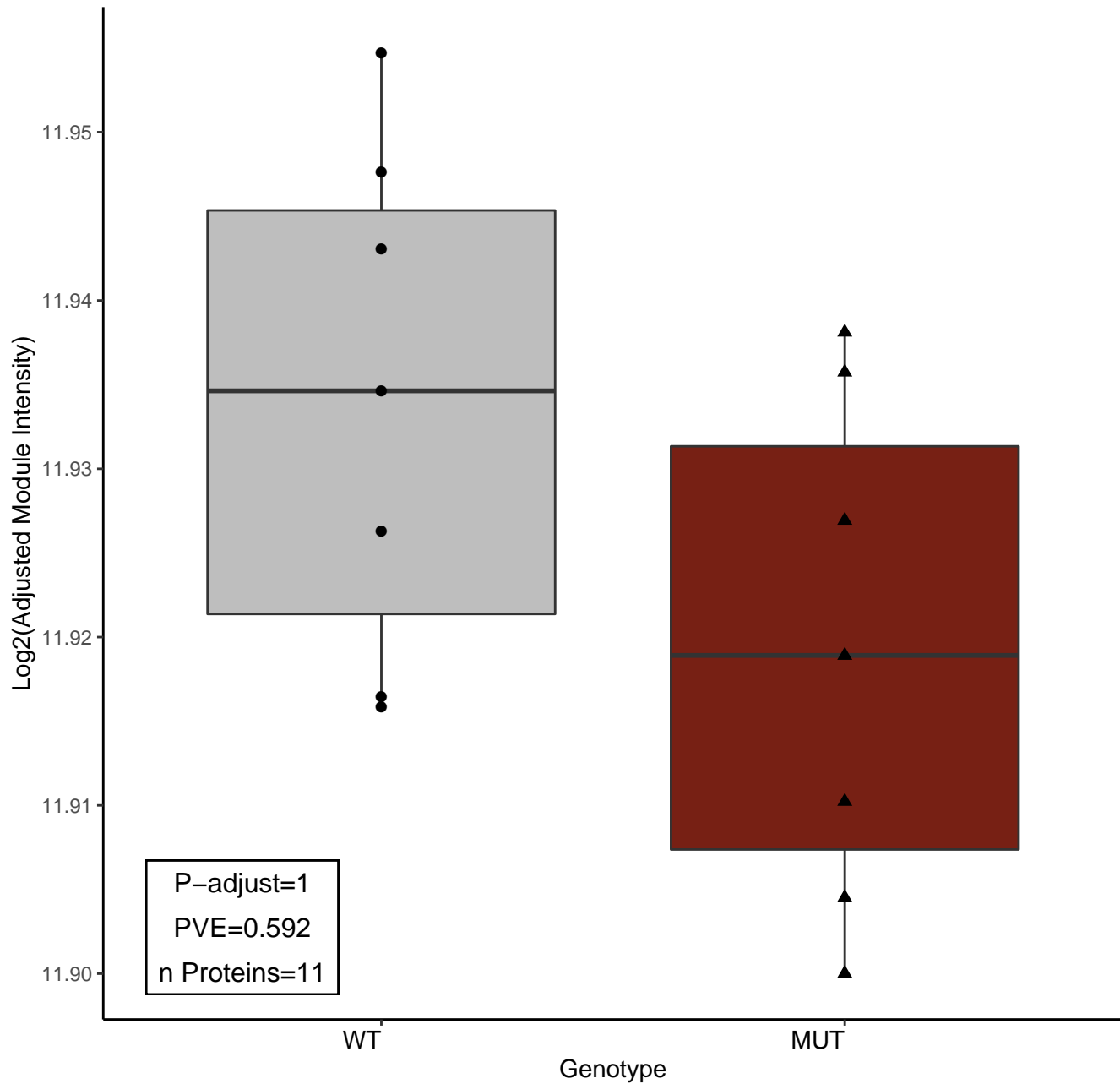
M148



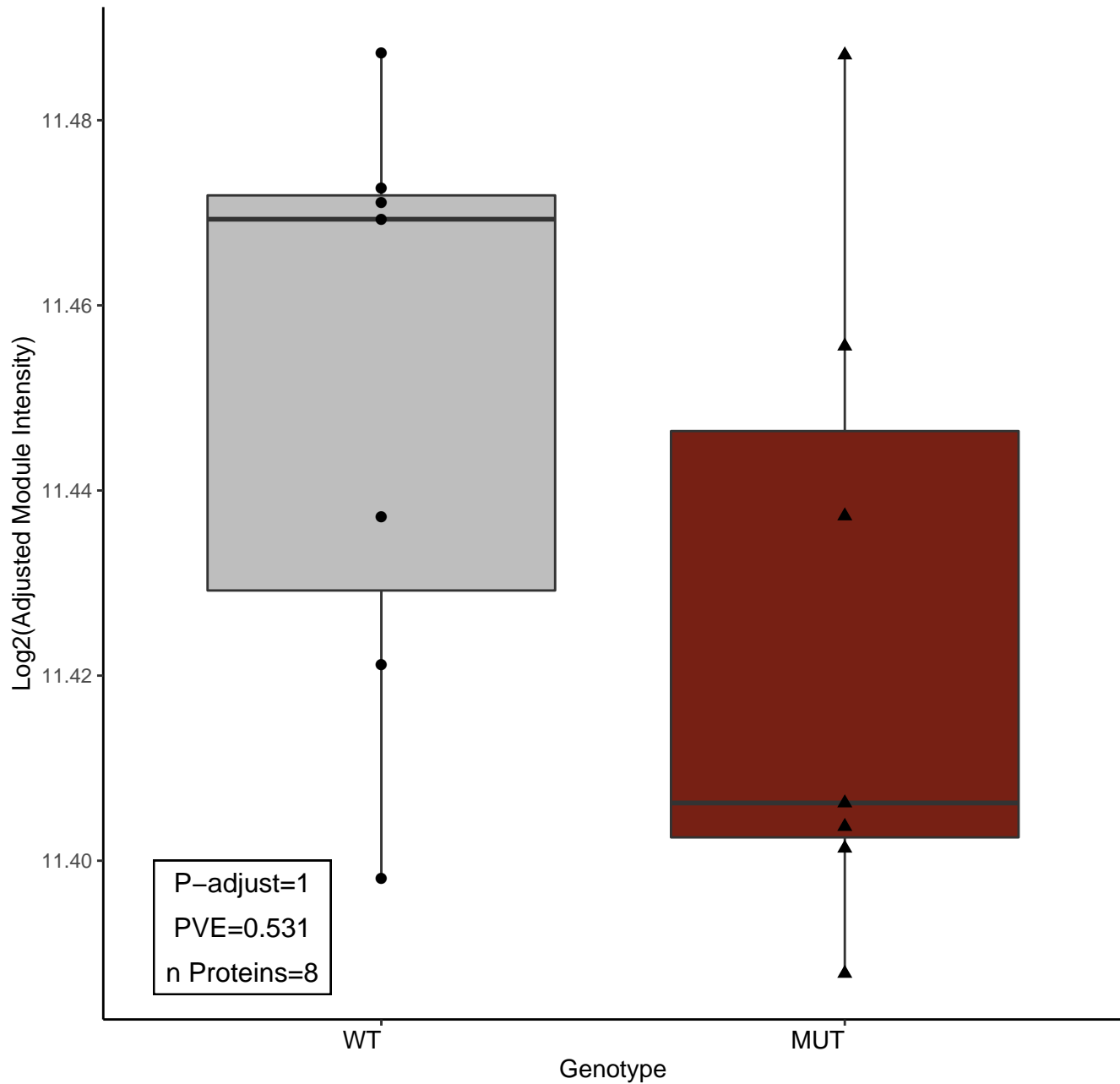
M149



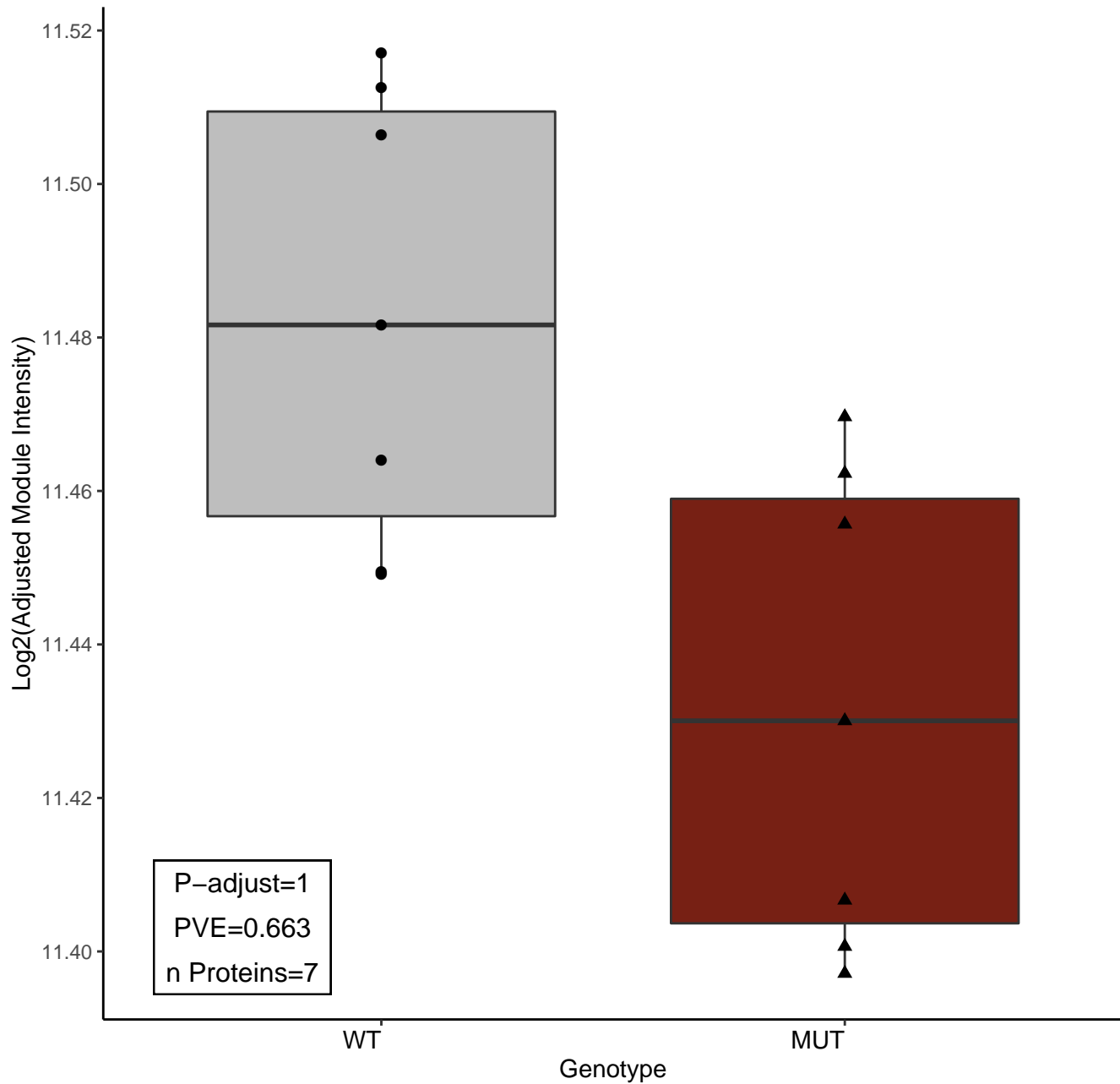
M150



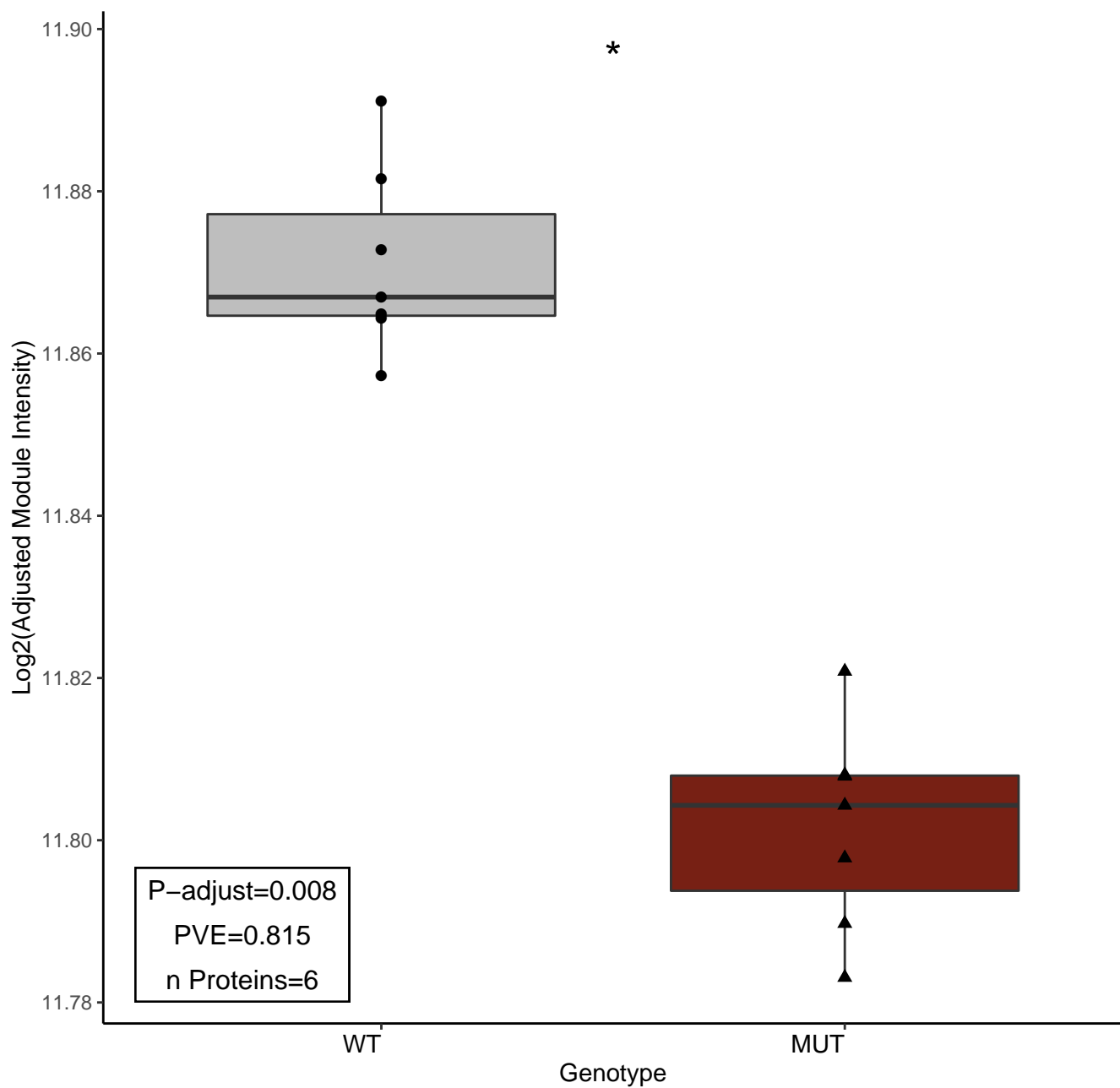
M151



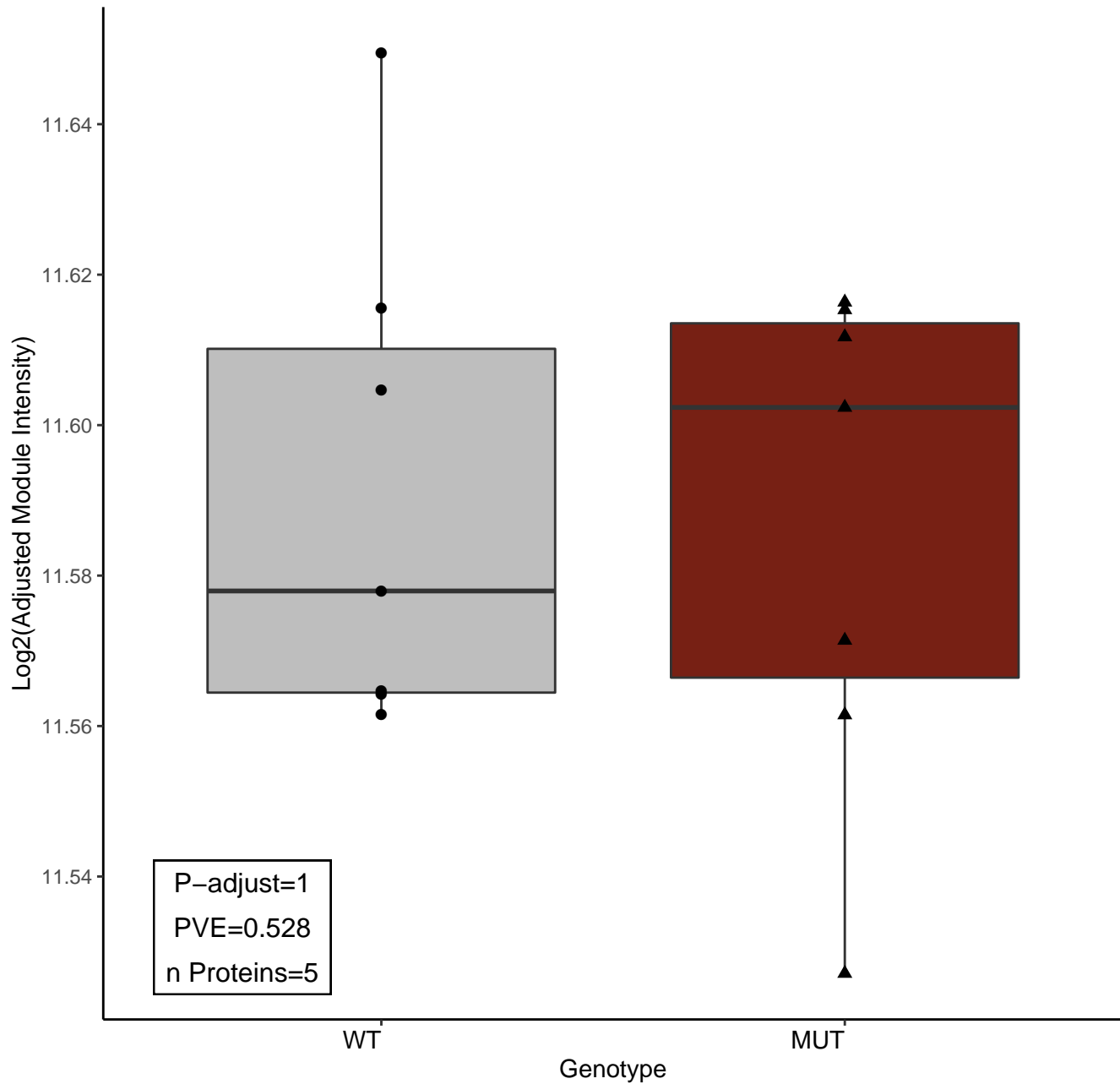
M152

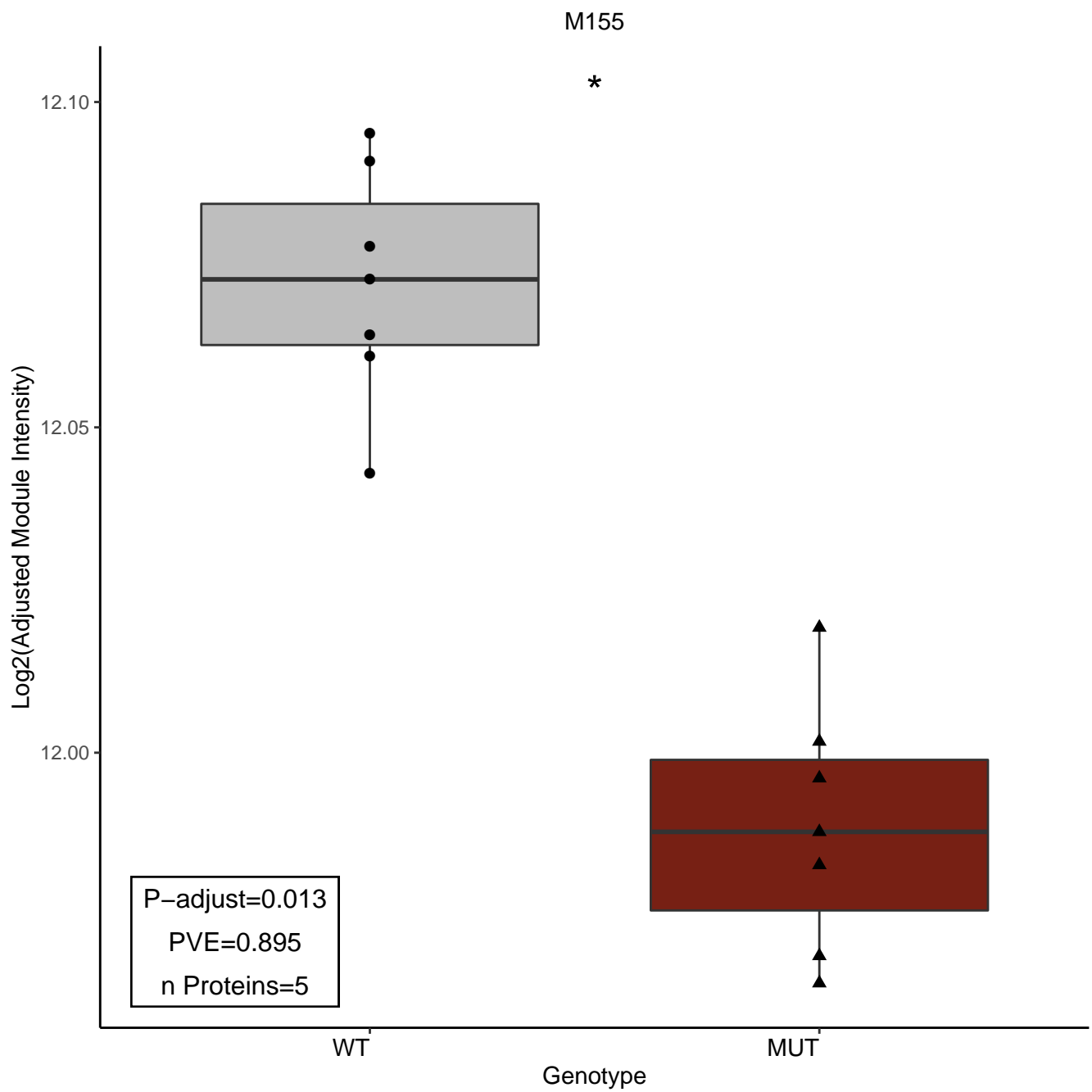


M153



M154





M156

Log2(Adjusted Module Intensity)

12.82

12.80

12.78

12.76

WT

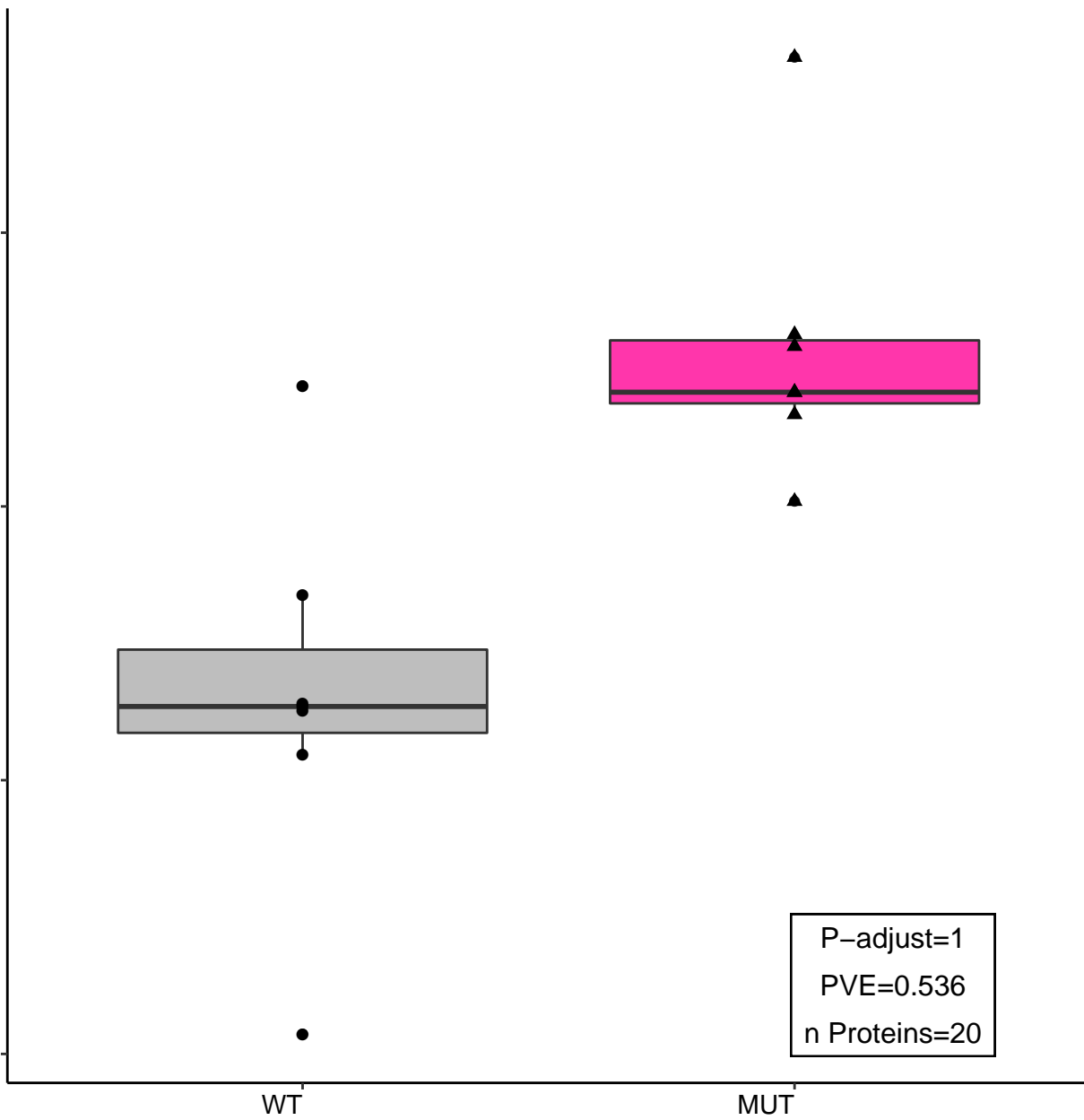
Genotype

MUT

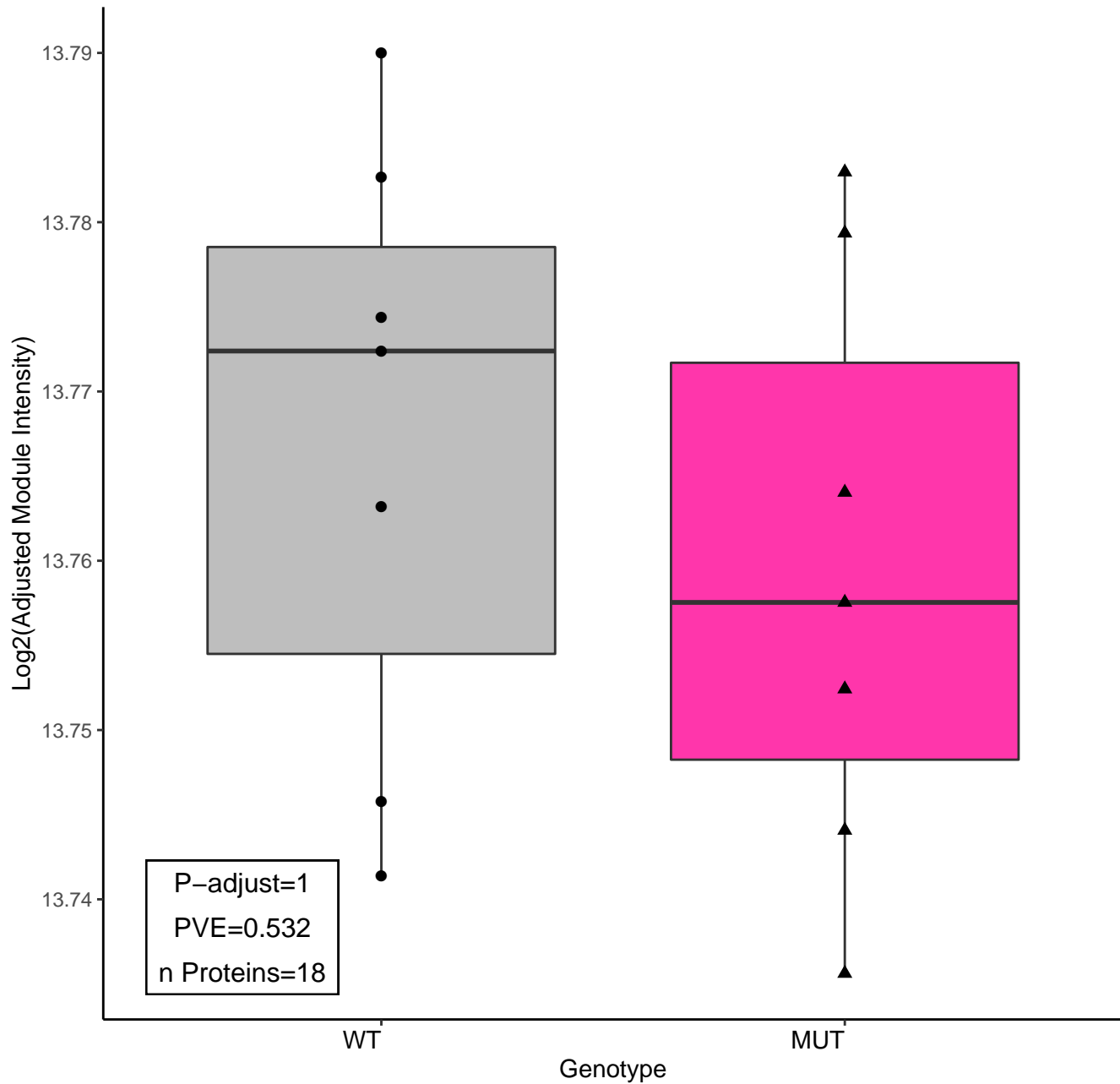
P-adjust=1

PVE=0.536

n Proteins=20



M157



M158

Log2(Adjusted Module Intensity)

14.64

14.63

14.62

14.61

WT

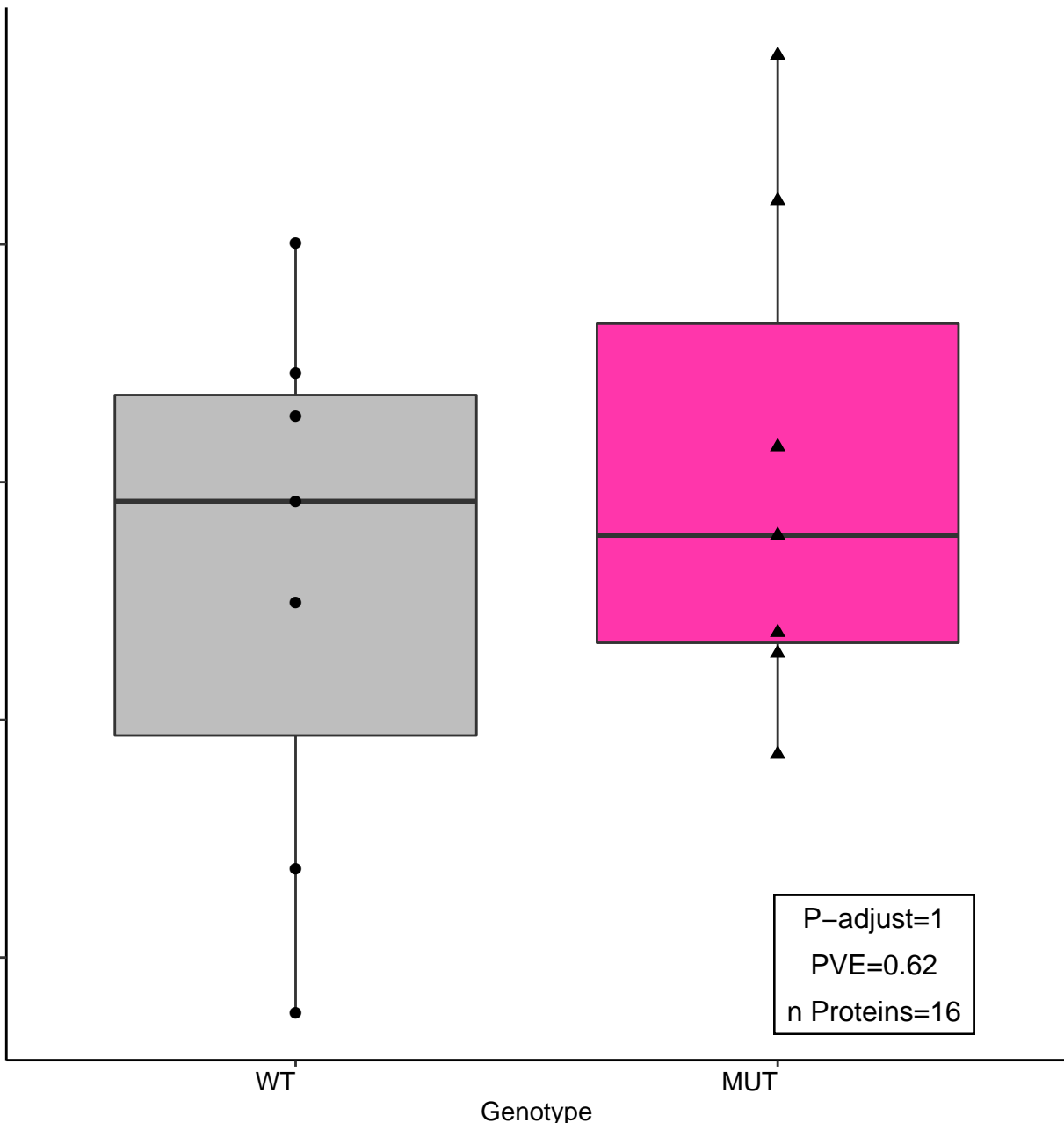
Genotype

MUT

P-adjust=1

PVE=0.62

n Proteins=16



M159

Log2(Adjusted Module Intensity)

13.35

13.30

13.25

WT

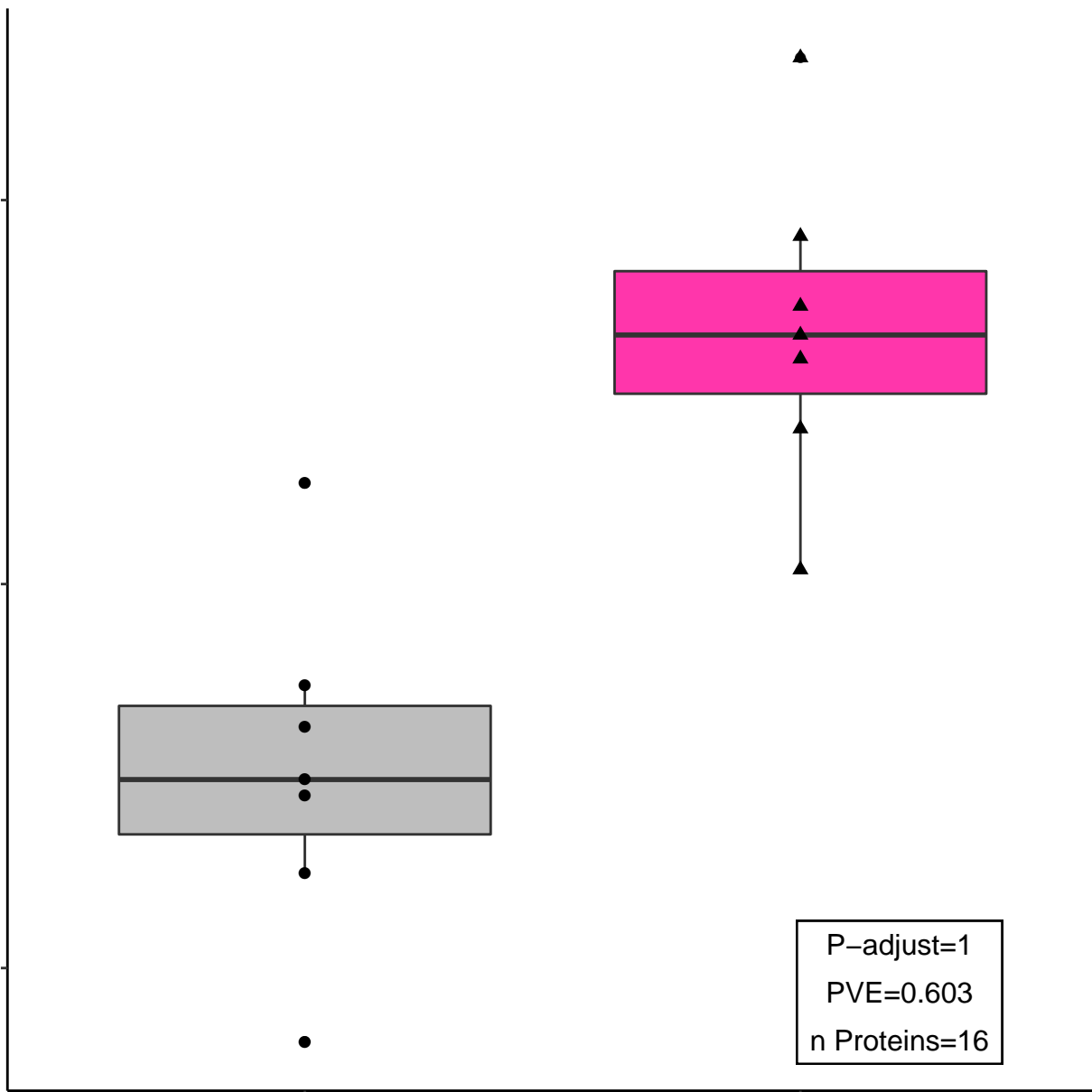
MUT

Genotype

P-adjust=1

PVE=0.603

n Proteins=16



M160

**

Log2(Adjusted Module Intensity)

12.65

12.60

12.55

P-adjust=0.004

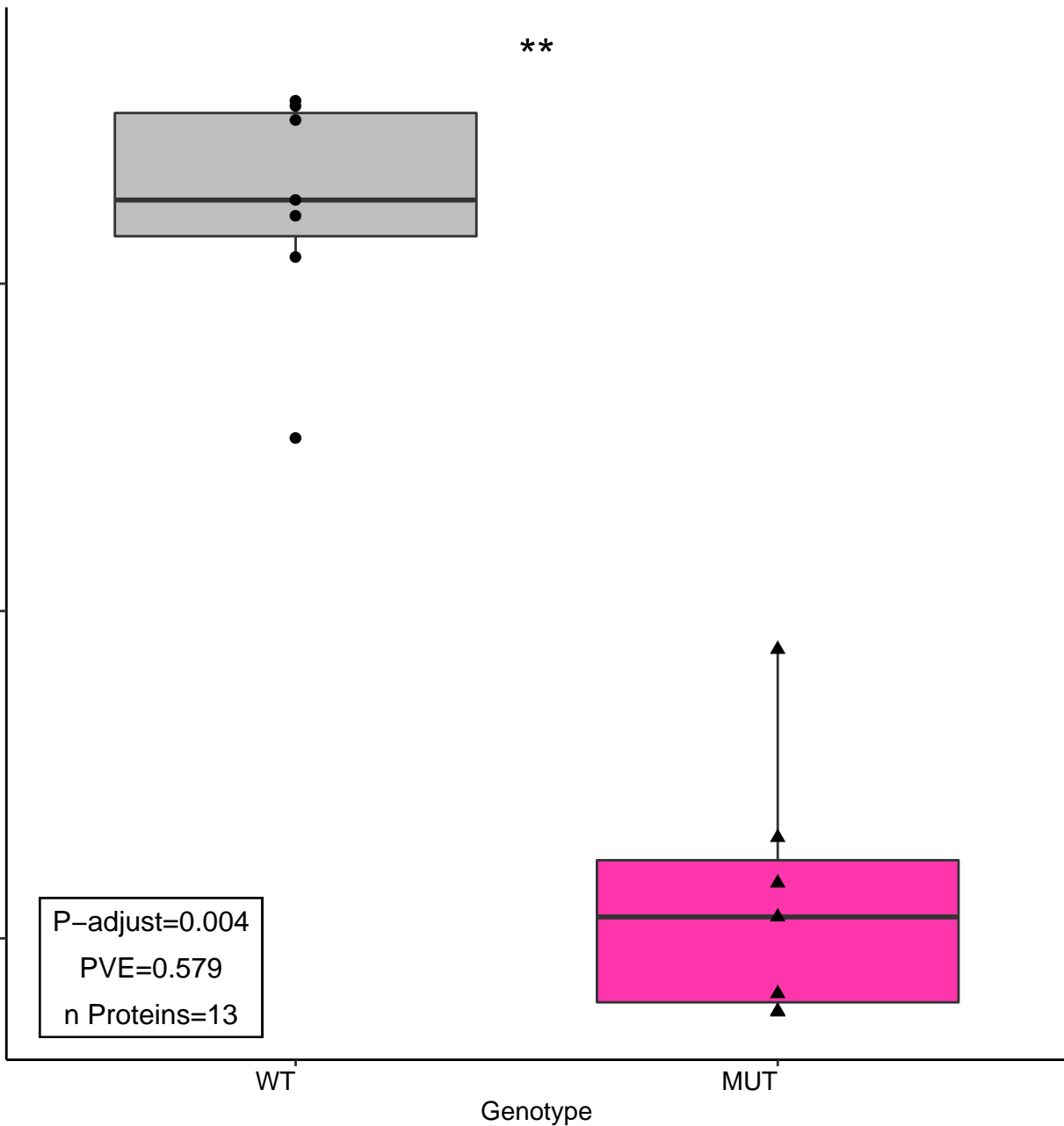
PVE=0.579

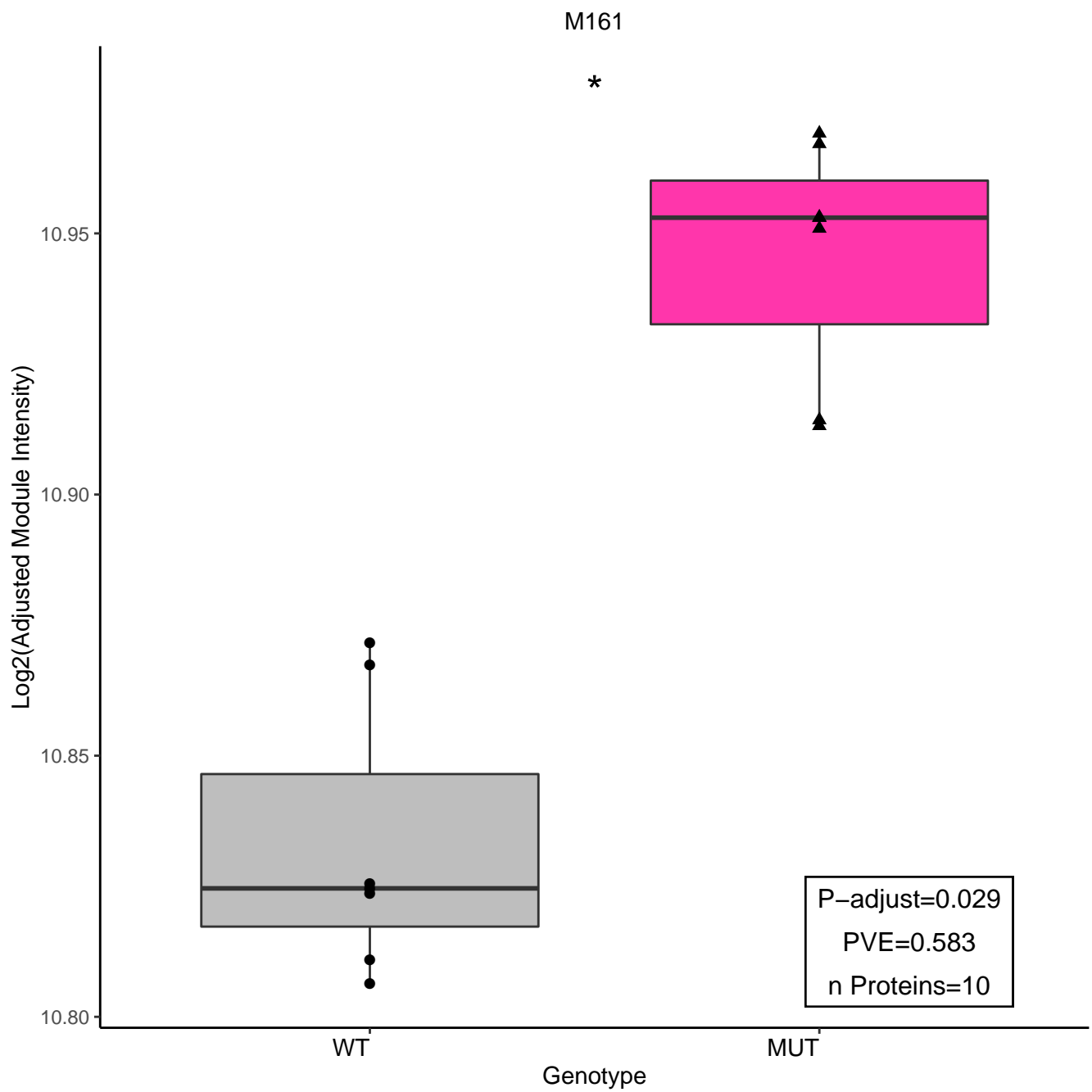
n Proteins=13

WT

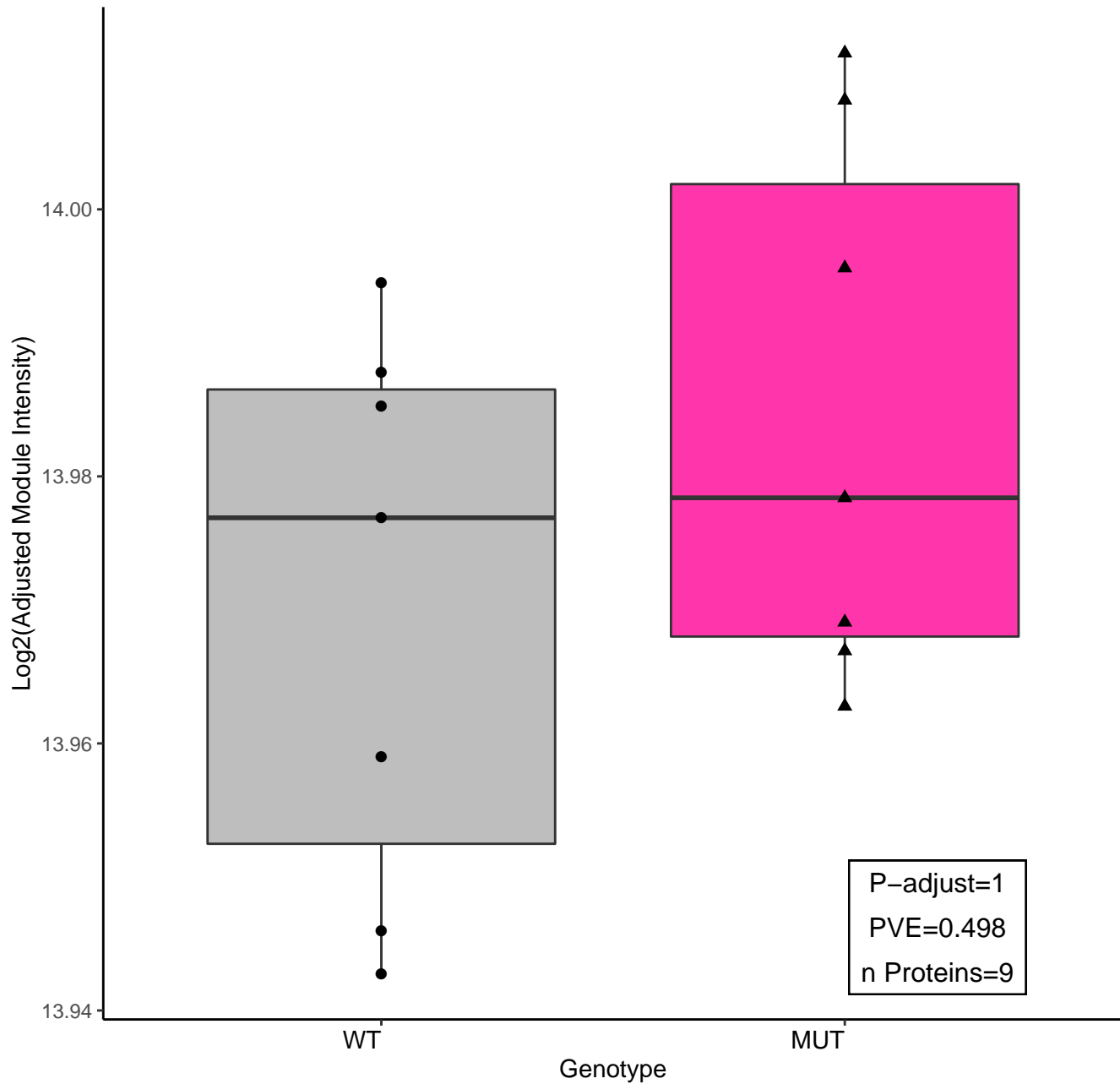
Genotype

MUT

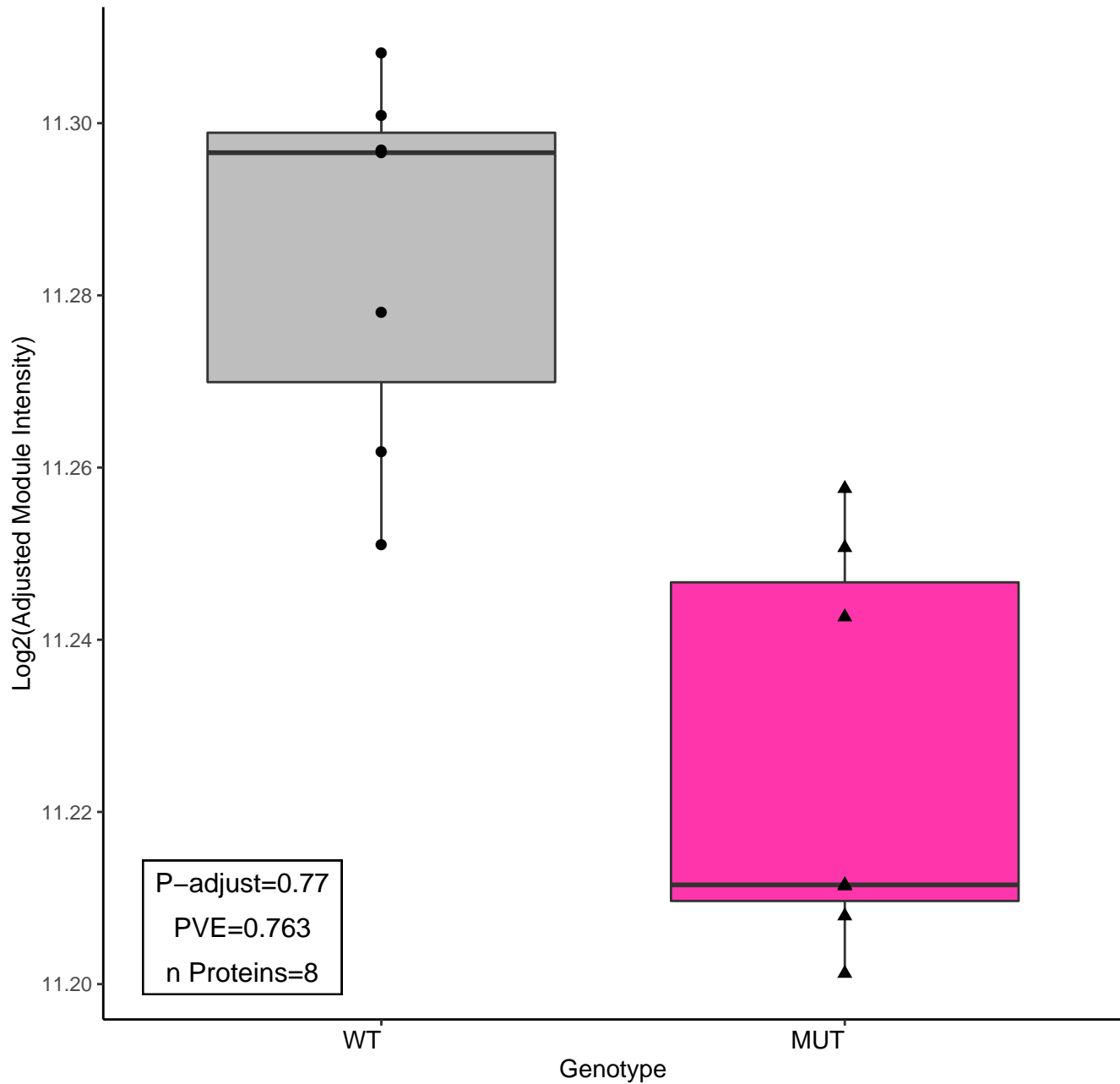




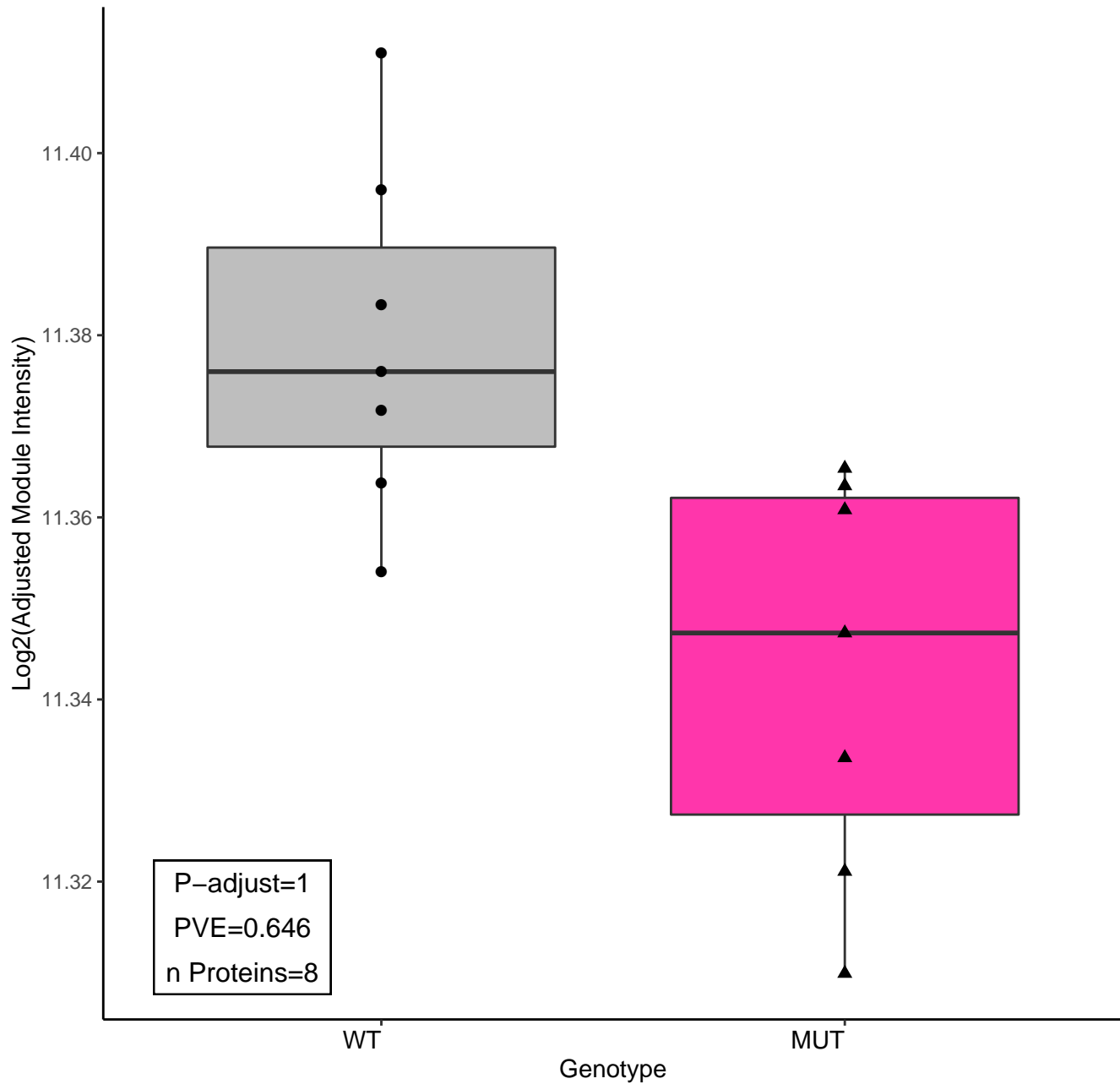
M162



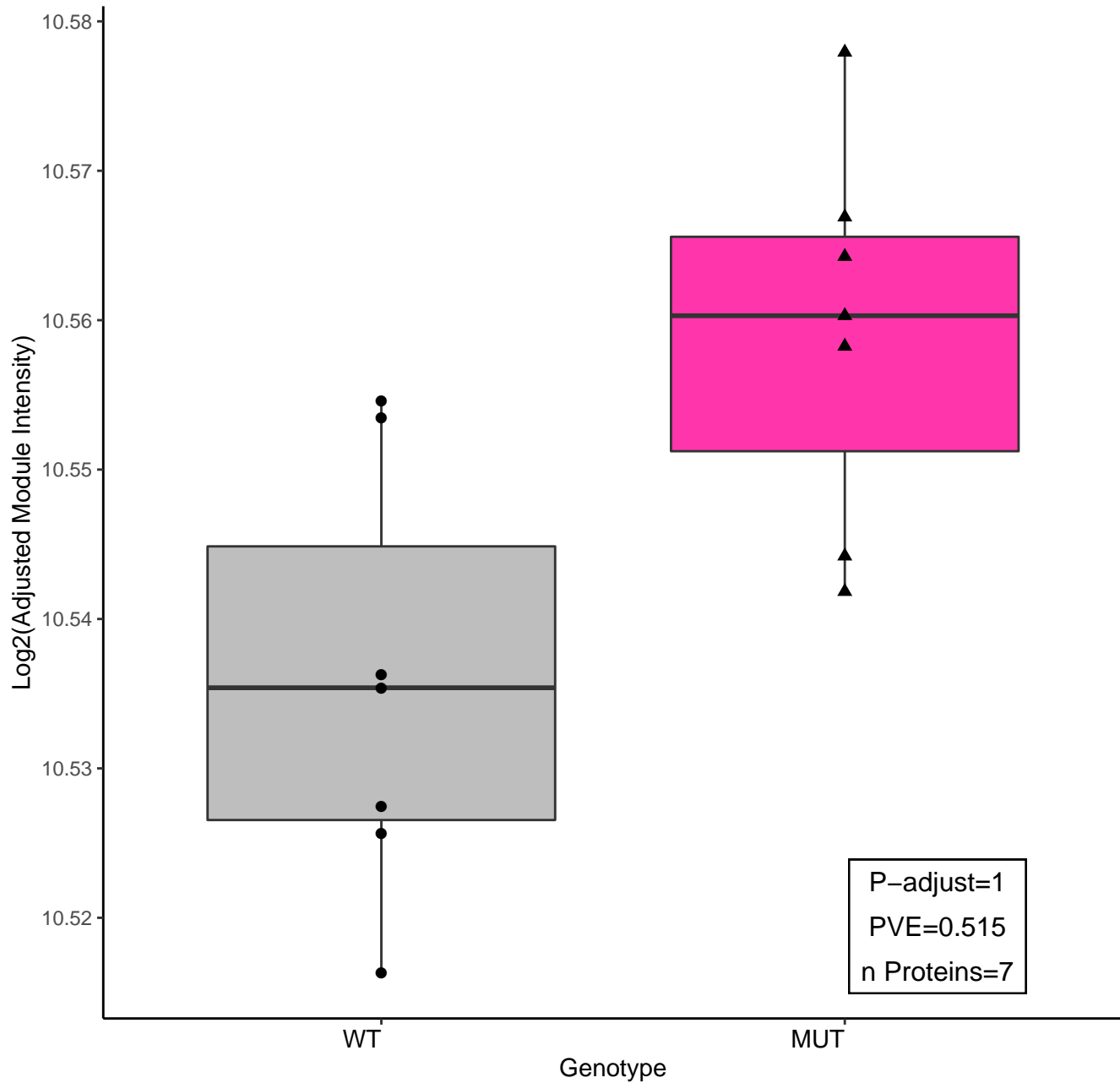
M163



M164



M165



M166

Log2(Adjusted Module Intensity)

12.00

11.95

11.90

WT

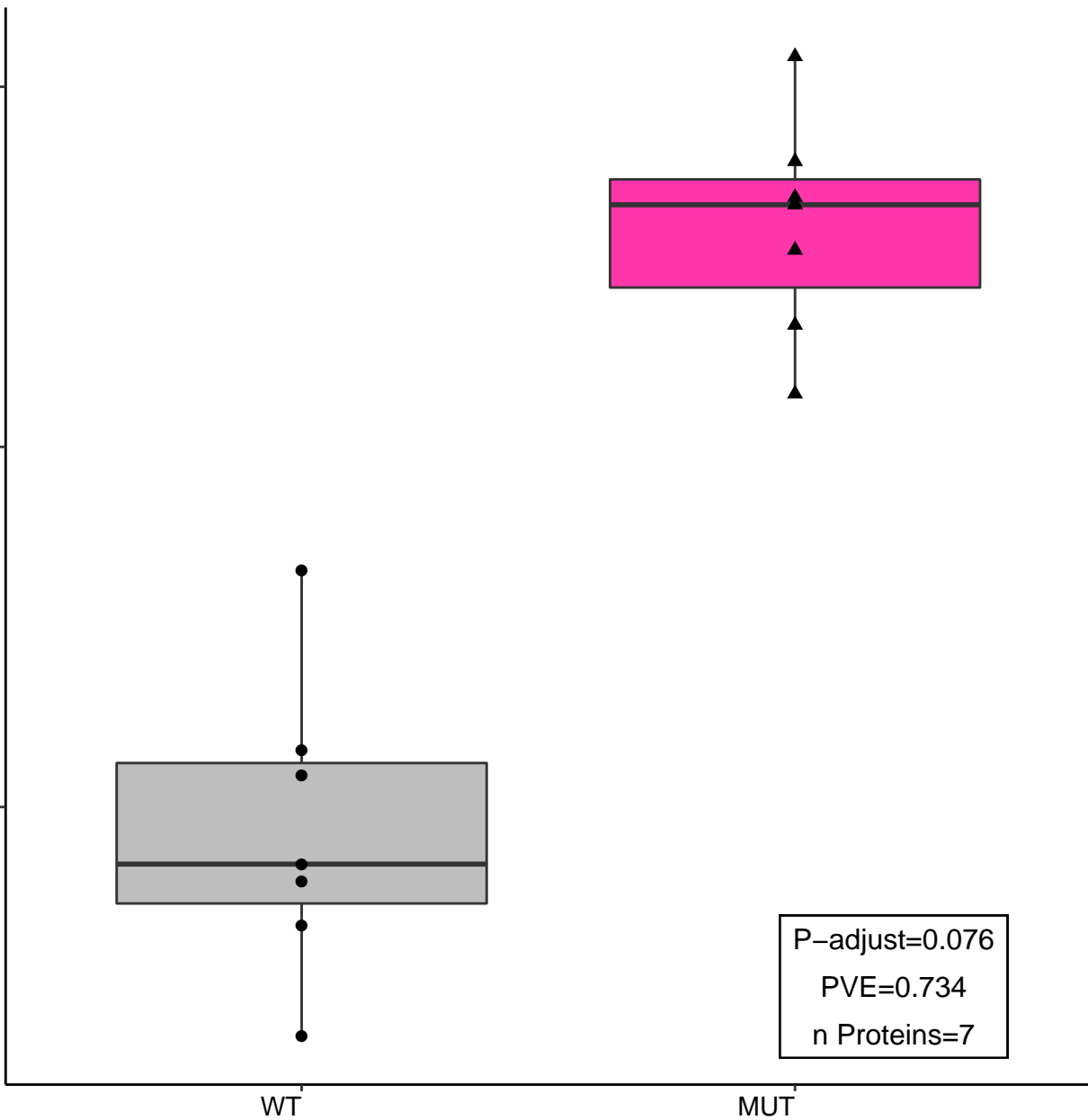
MUT

Genotype

P-adjust=0.076

PVE=0.734

n Proteins=7



M167

Log2(Adjusted Module Intensity)

14.46

14.44

14.42

14.40

WT

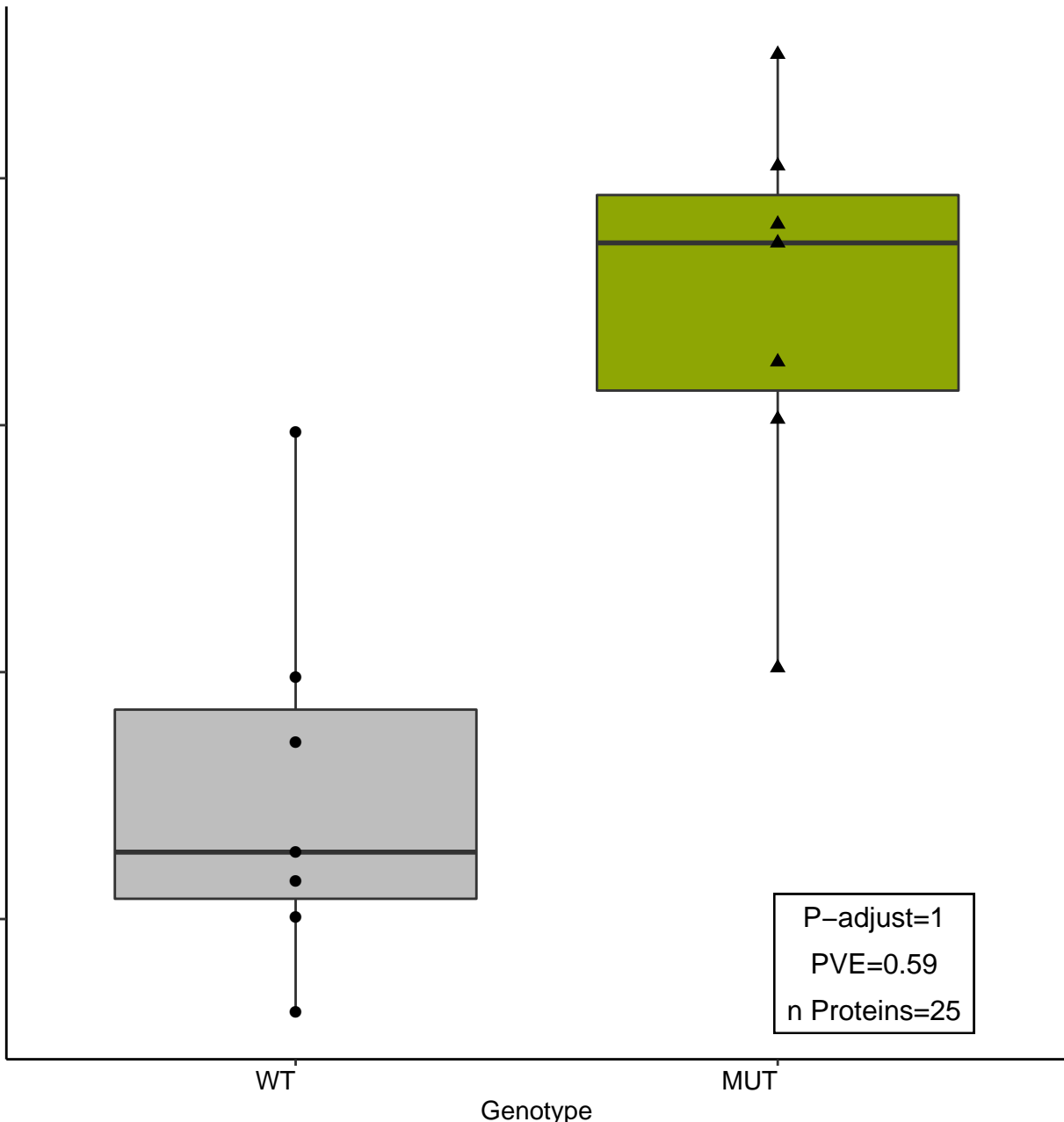
Genotype

MUT

P-adjust=1

PVE=0.59

n Proteins=25



M168

Log2(Adjusted Module Intensity)

13.20

13.18

13.16

WT

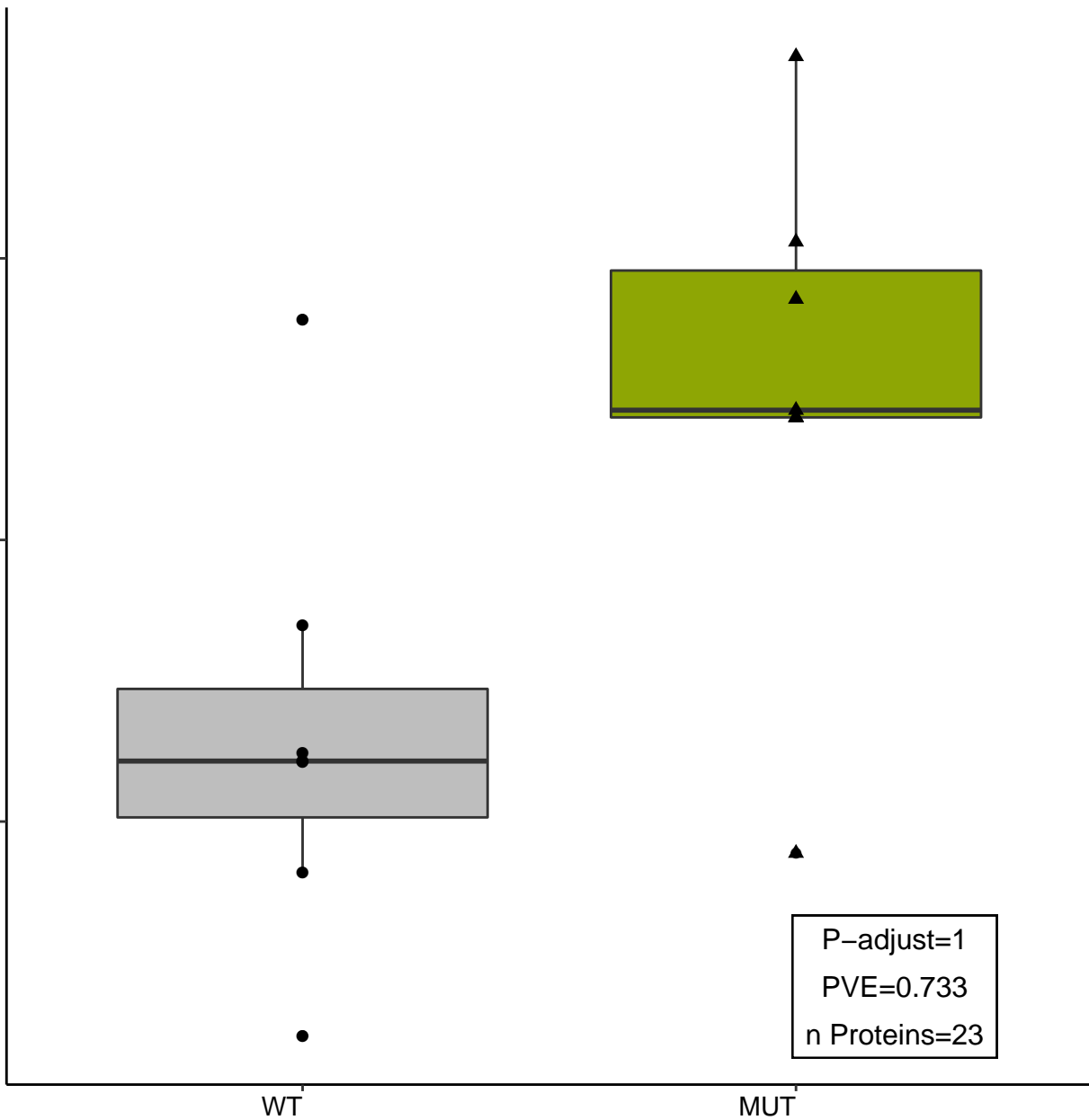
Genotype

MUT

P-adjust=1

PVE=0.733

n Proteins=23



M169

Log2(Adjusted Module Intensity)

13.74

13.72

13.70

WT

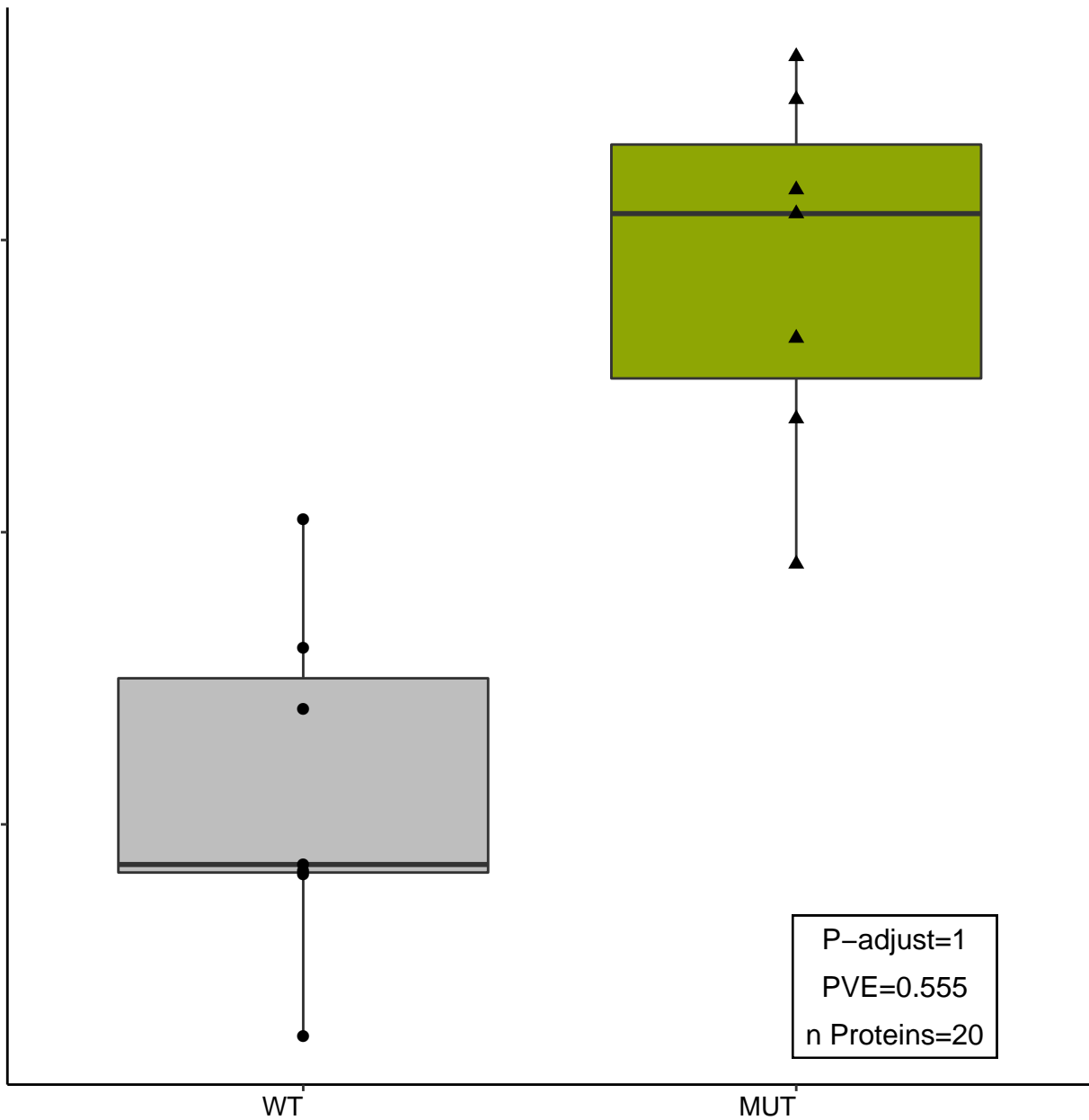
Genotype

MUT

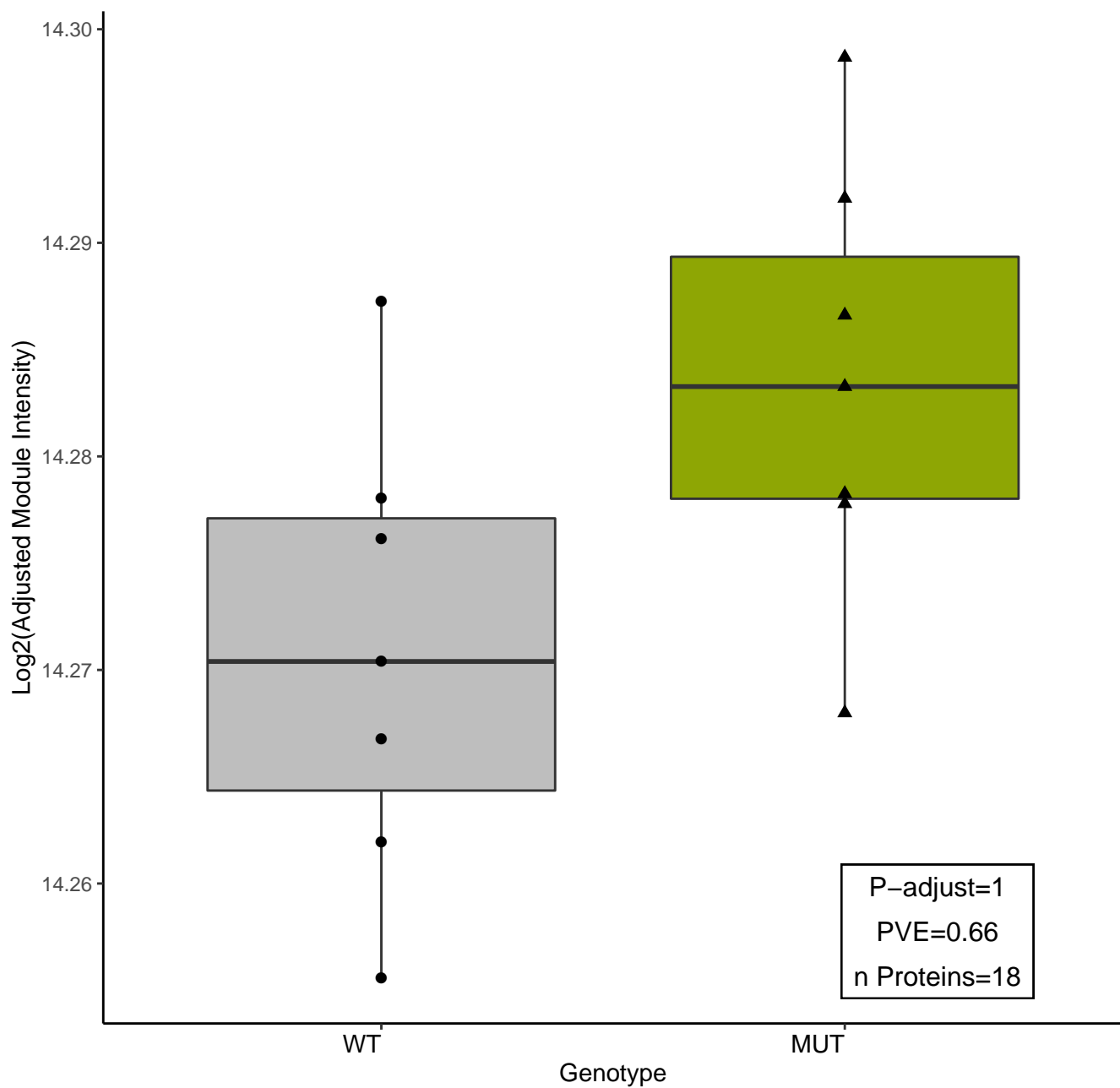
P-adjust=1

PVE=0.555

n Proteins=20



M170



M171

Log2(Adjusted Module Intensity)

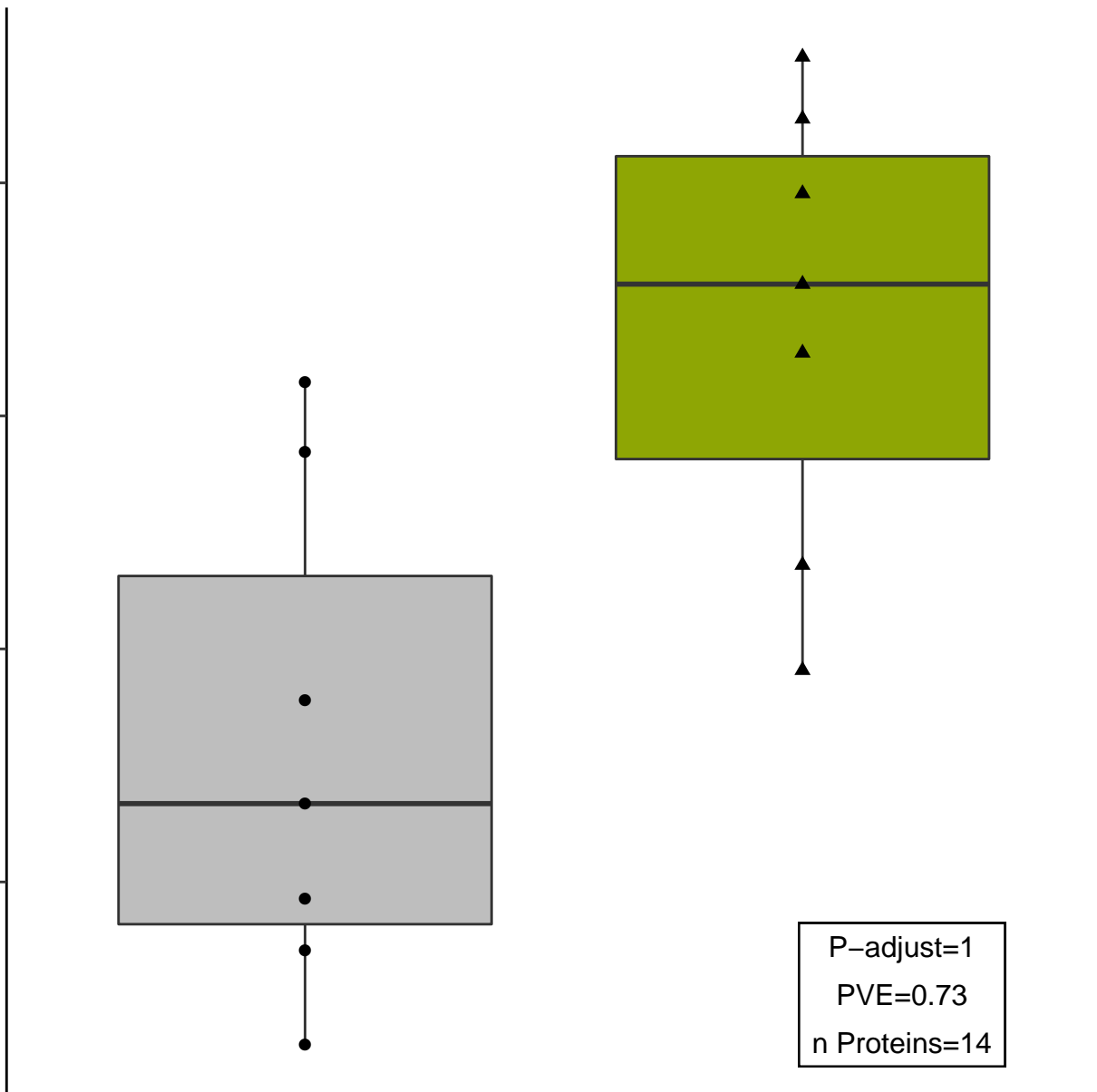
13.93
13.92
13.91
13.90

WT

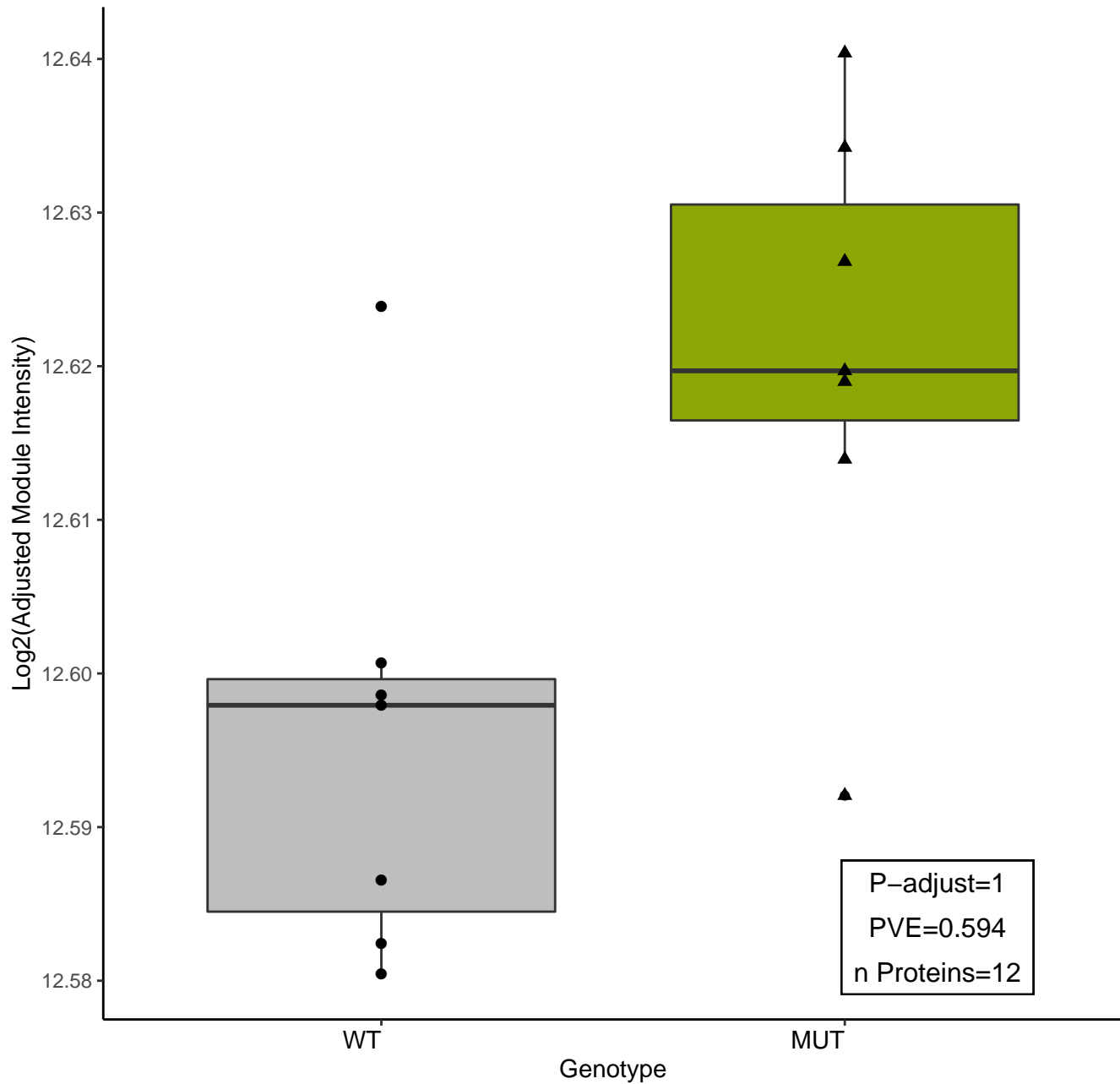
Genotype

MUT

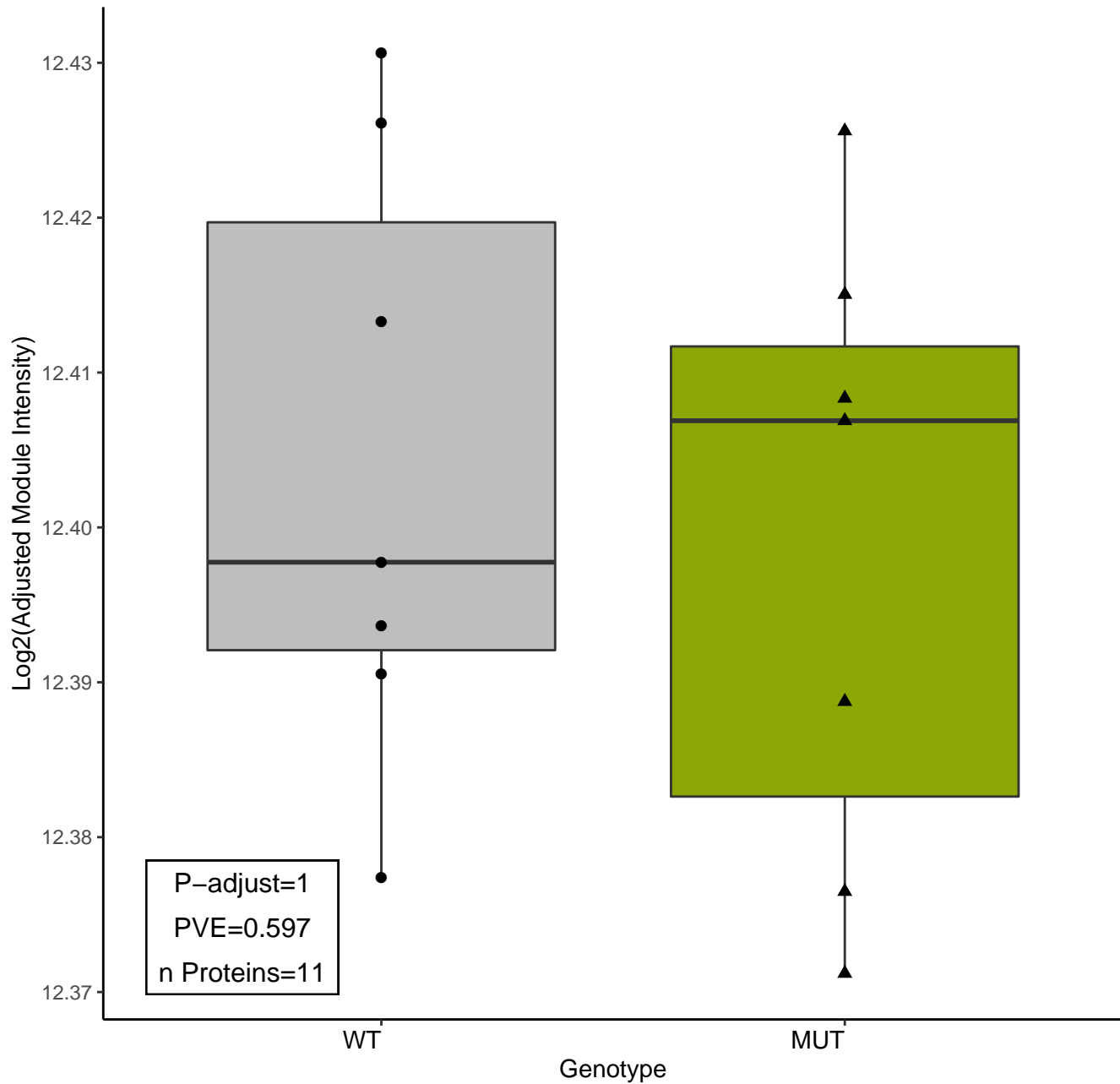
P-adjust=1
PVE=0.73
n Proteins=14



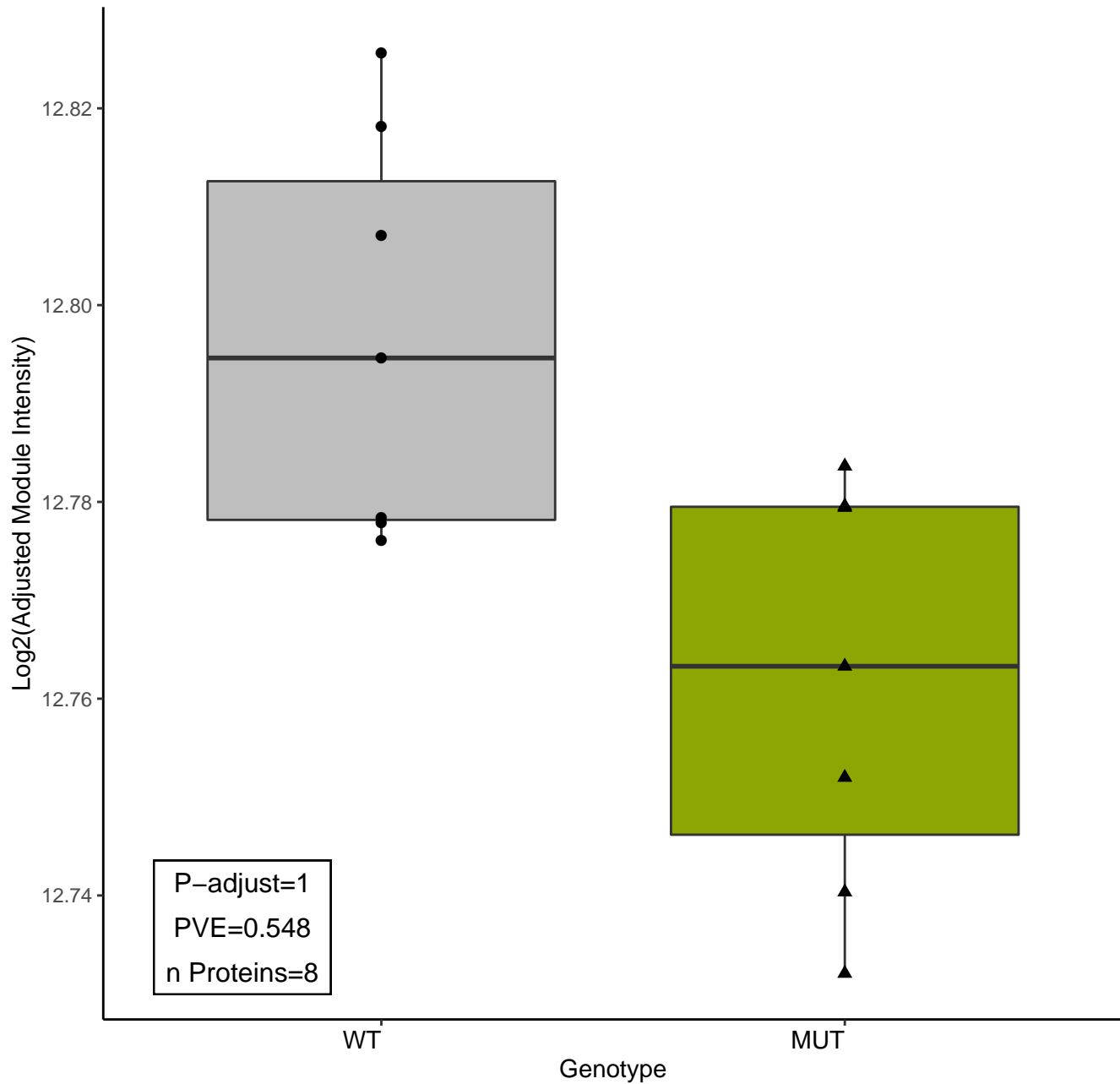
M172



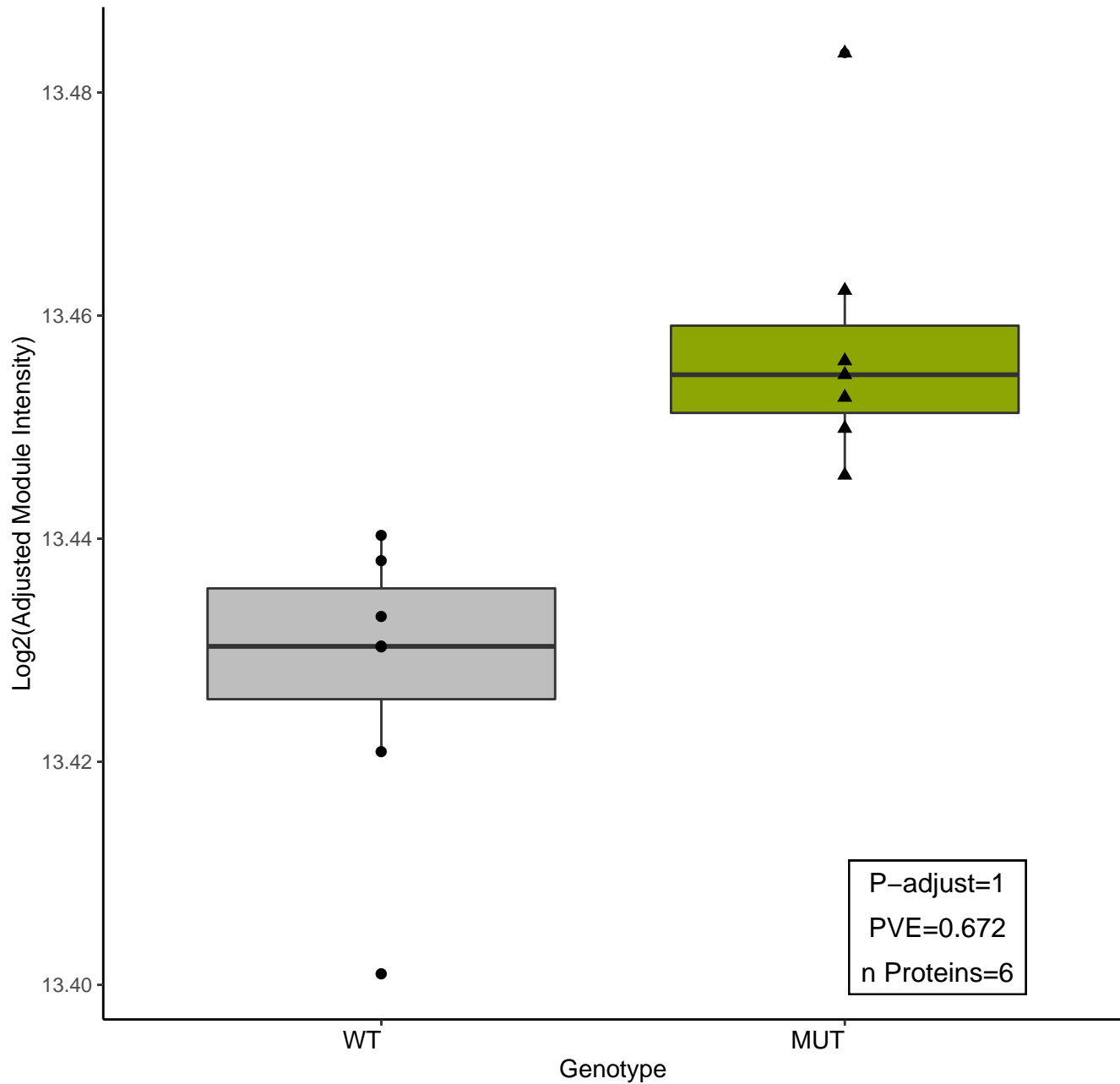
M173



M174

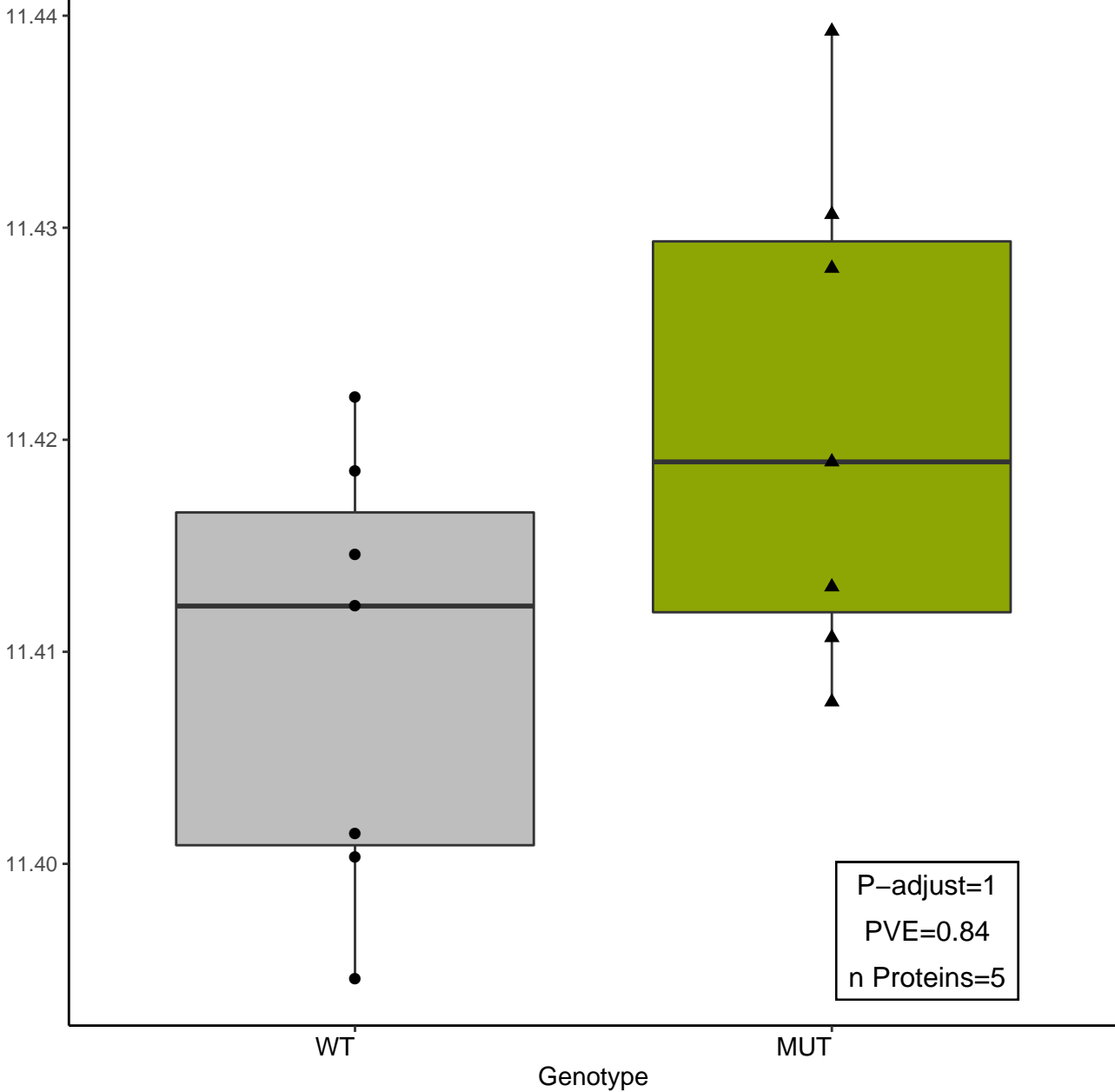


M175

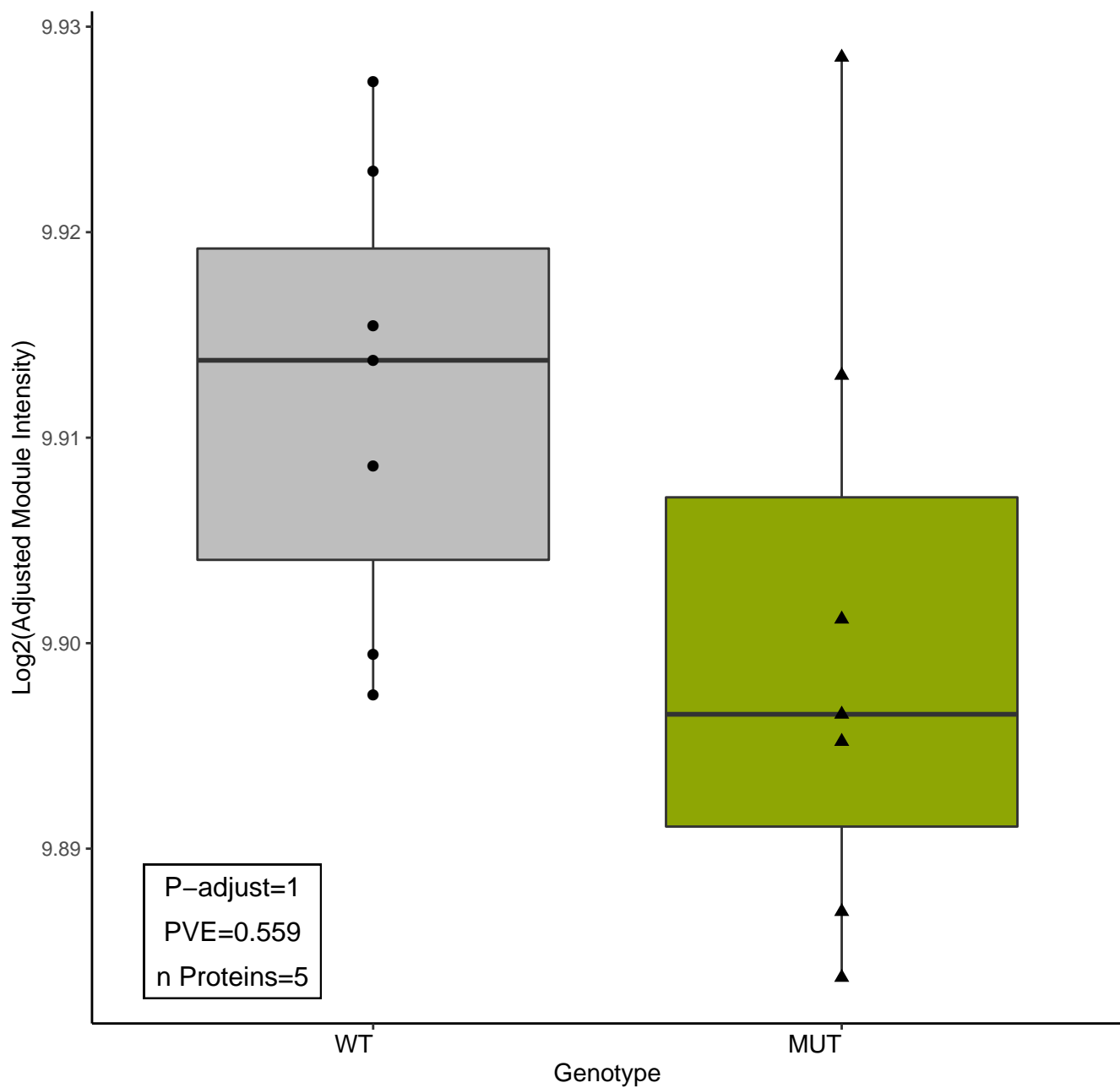


M176

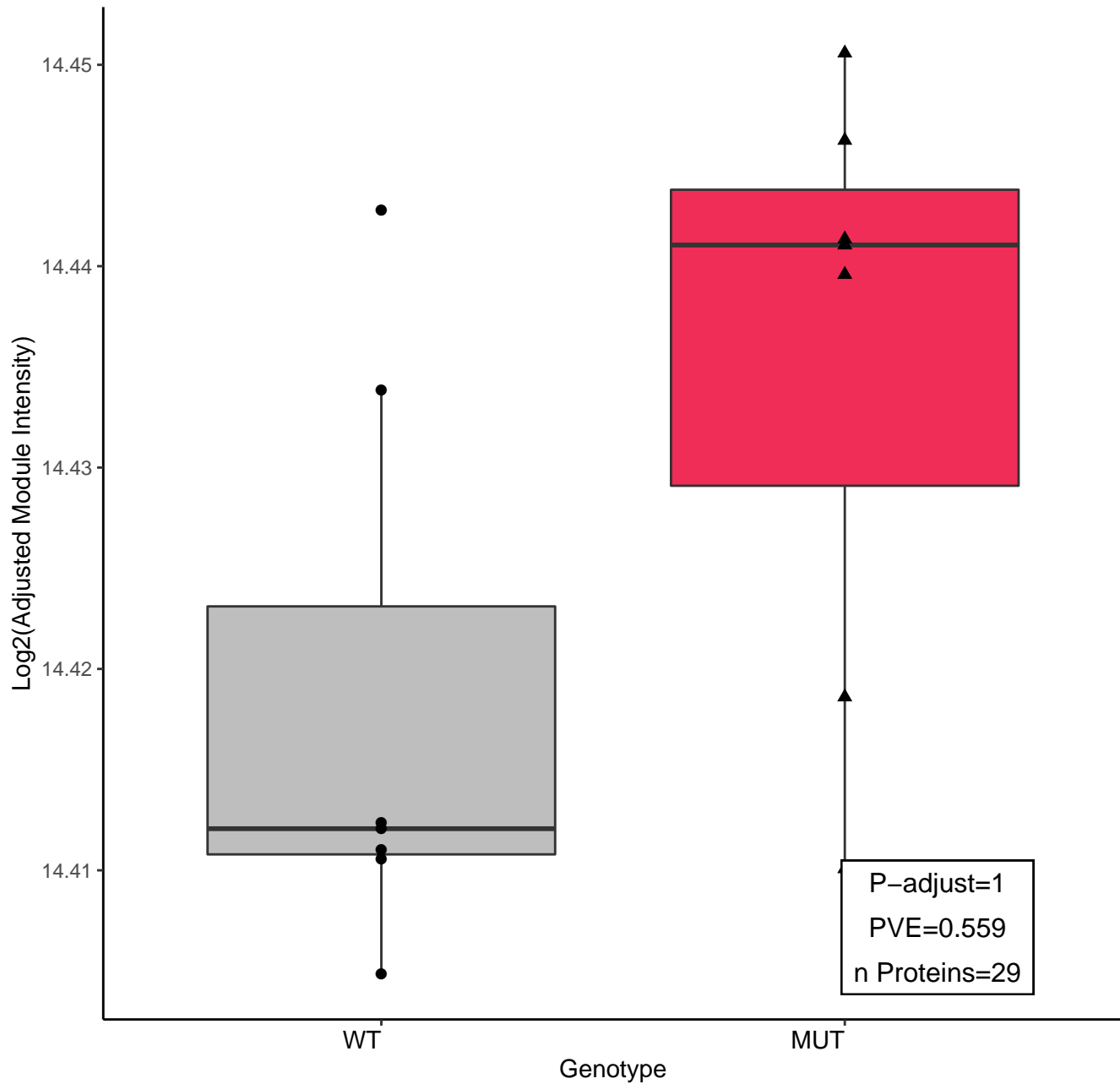
Log2(Adjusted Module Intensity)



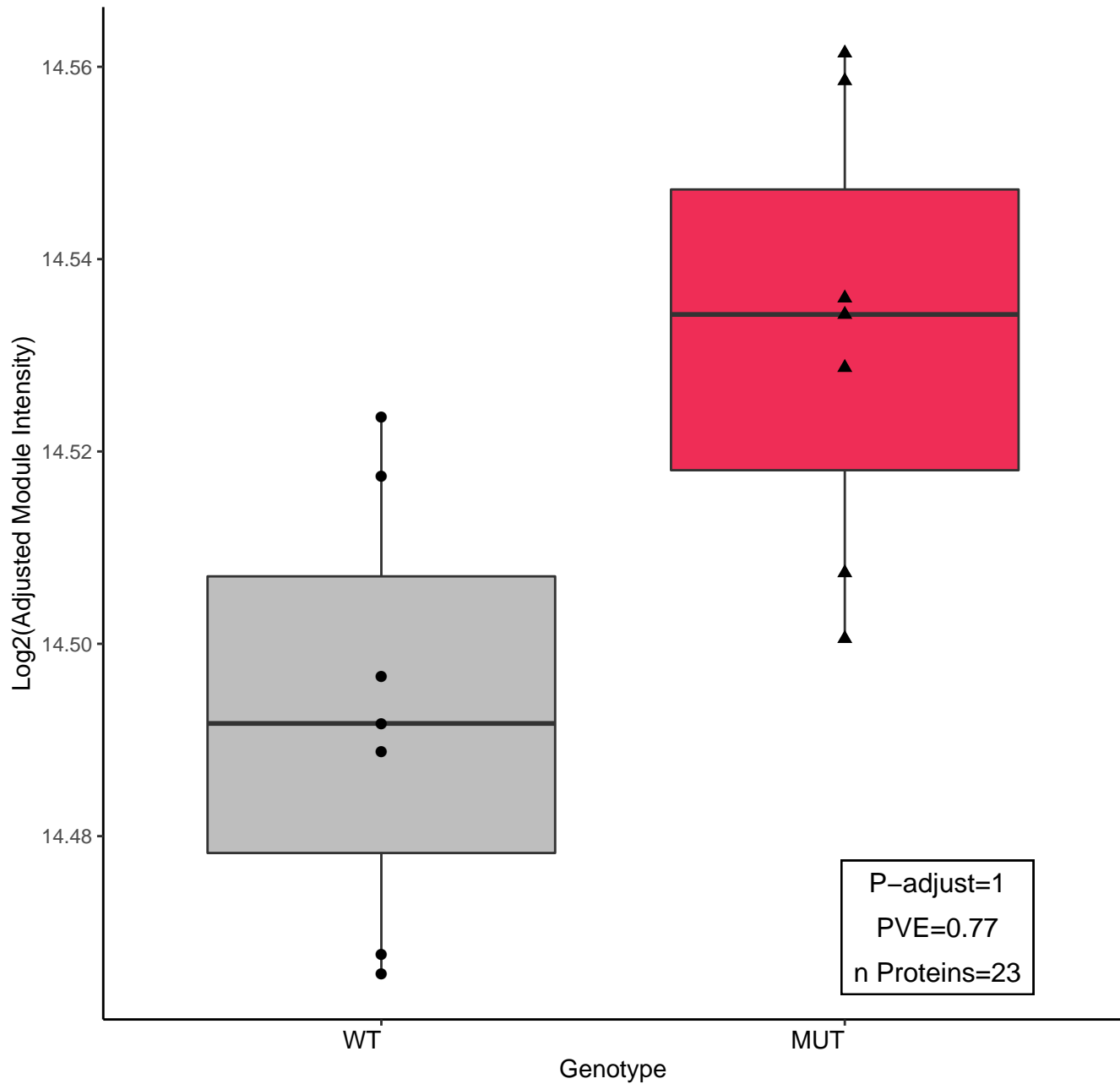
M177



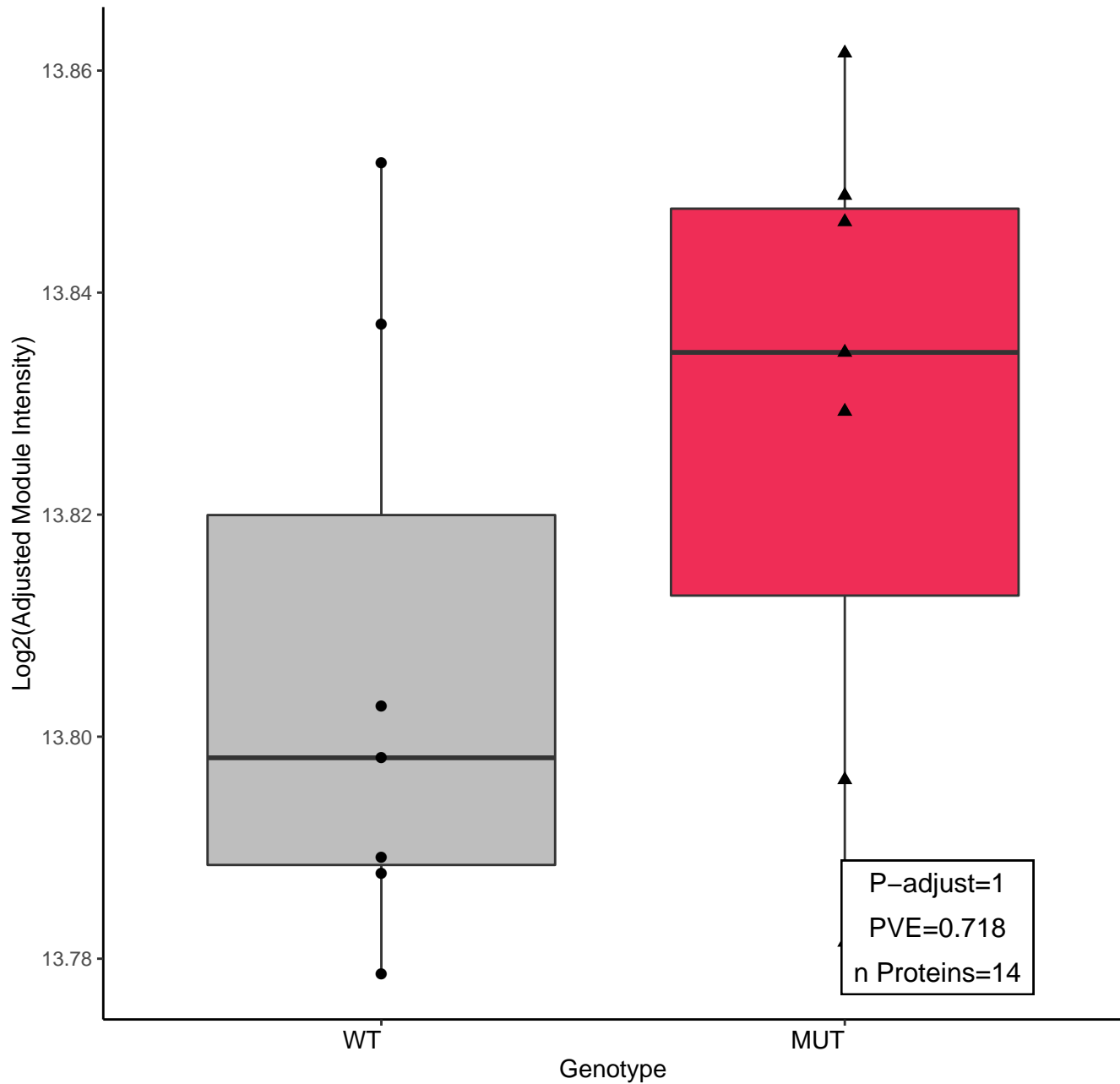
M178



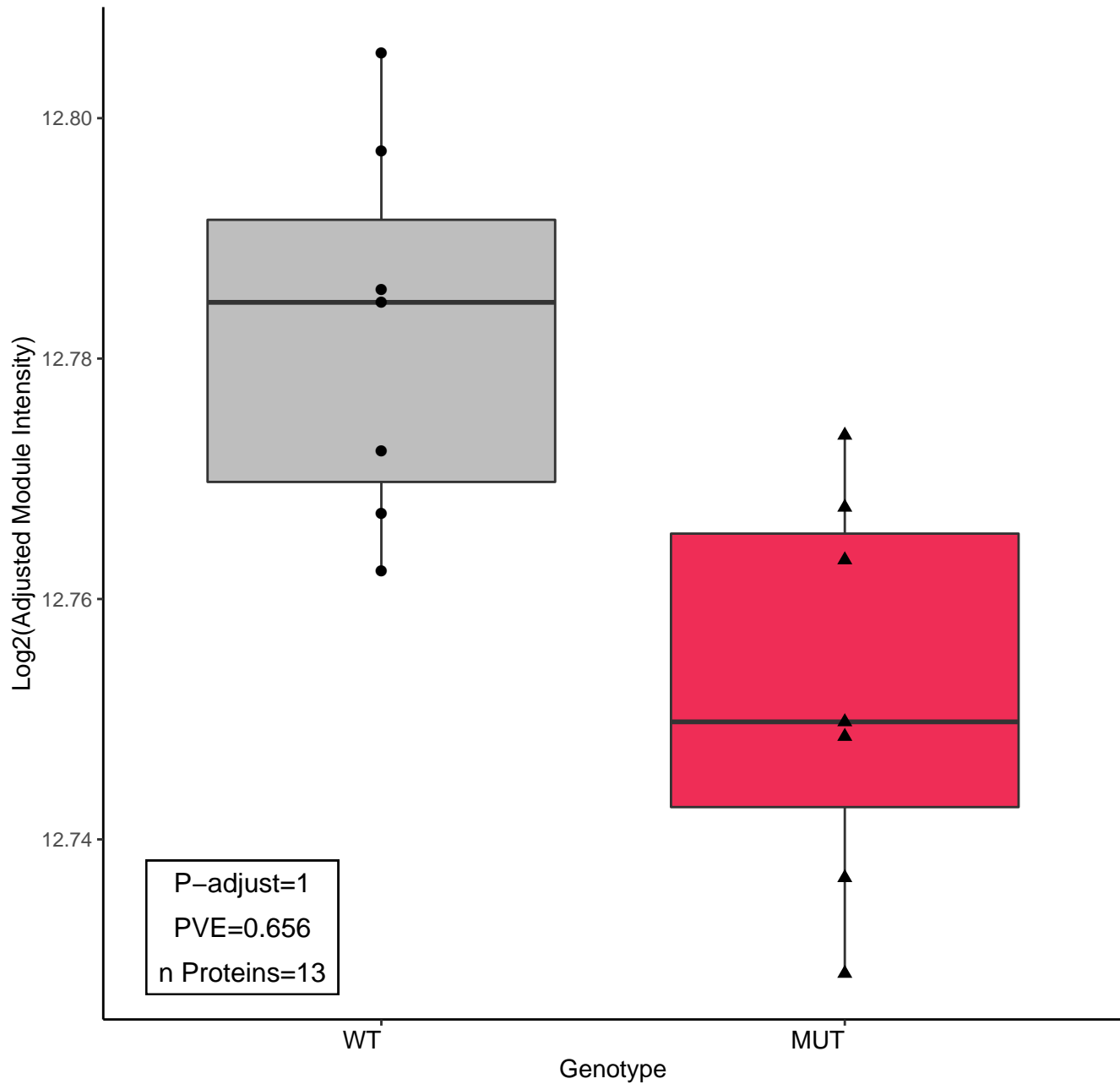
M179



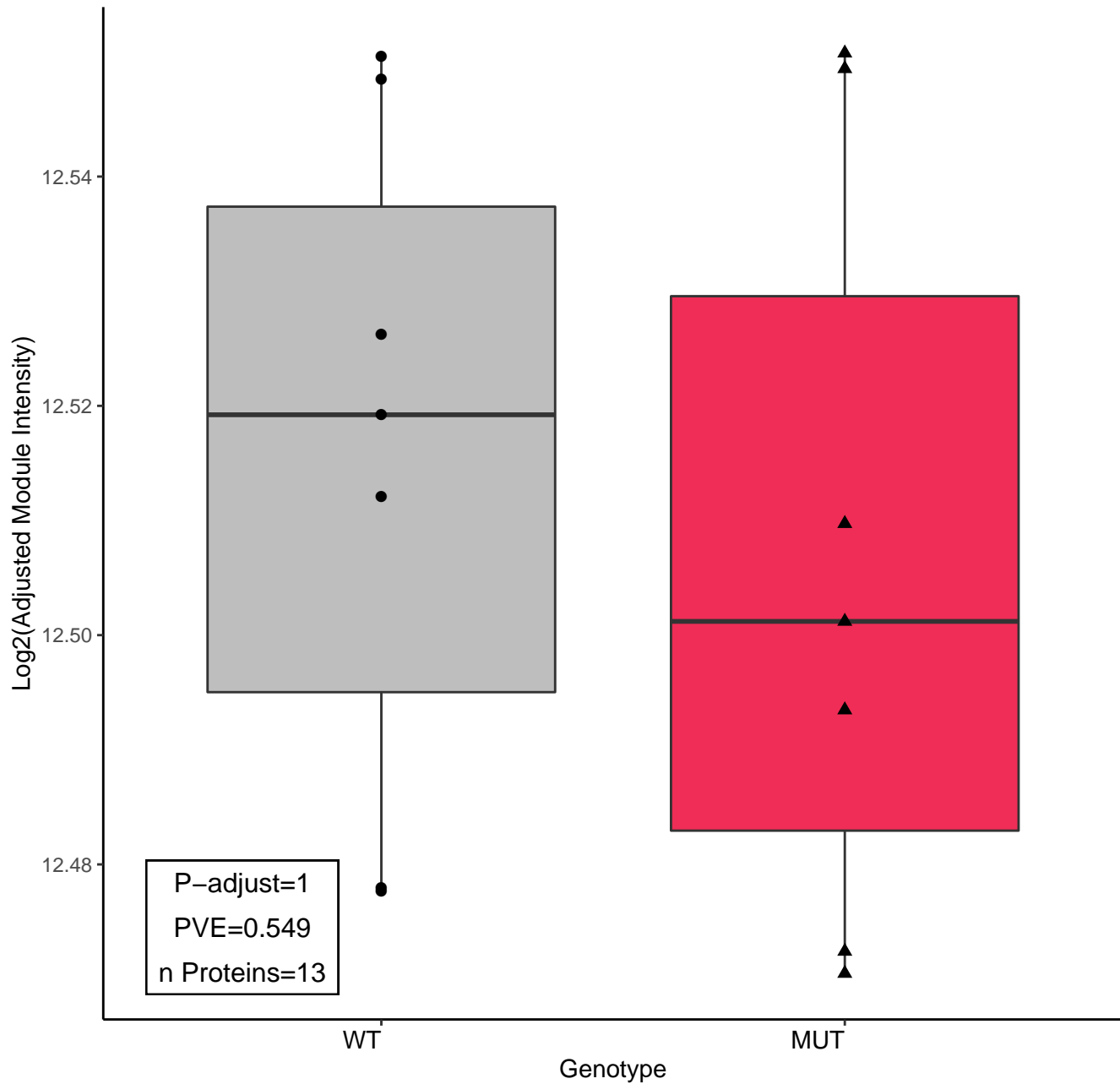
M180



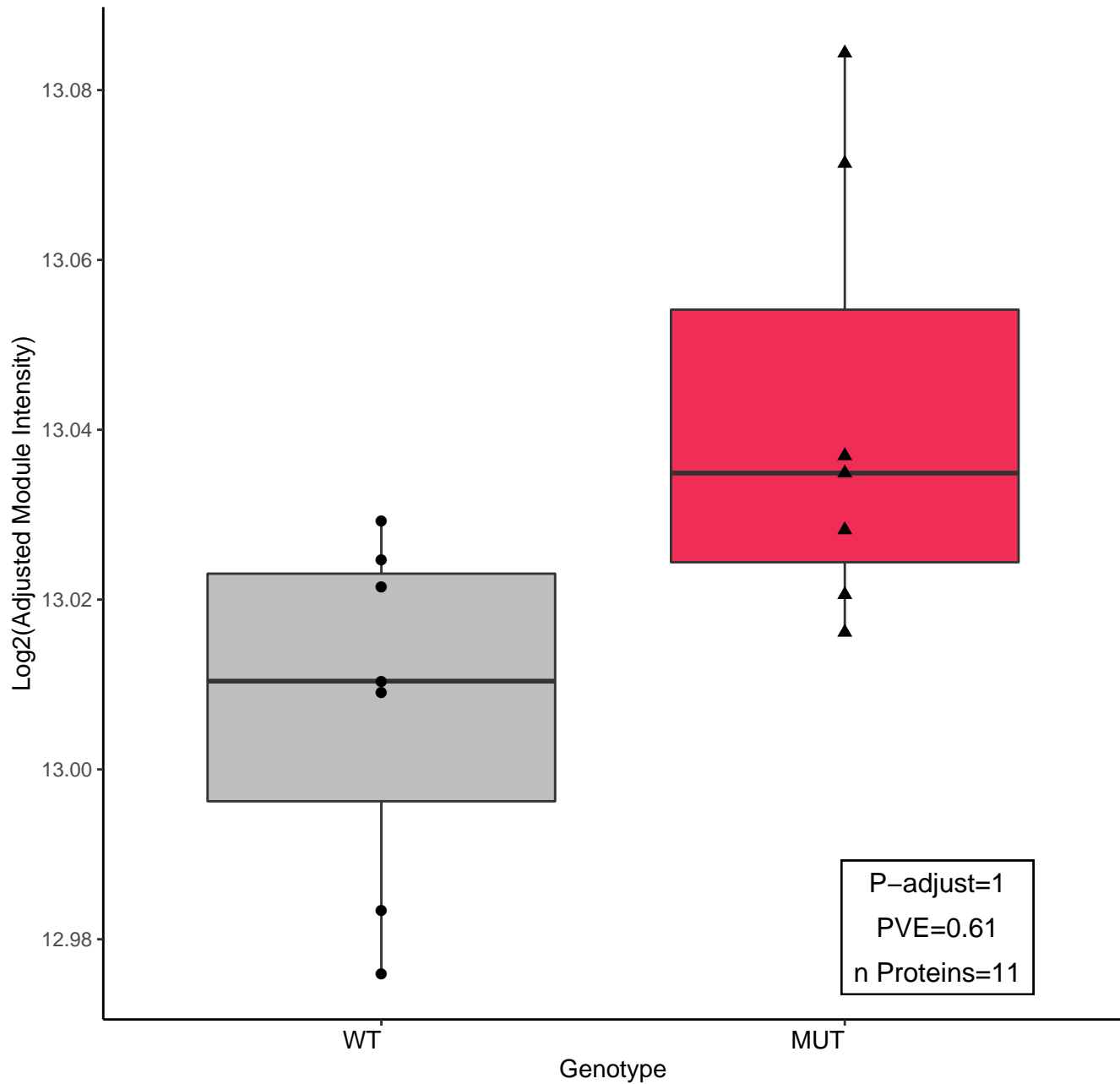
M181



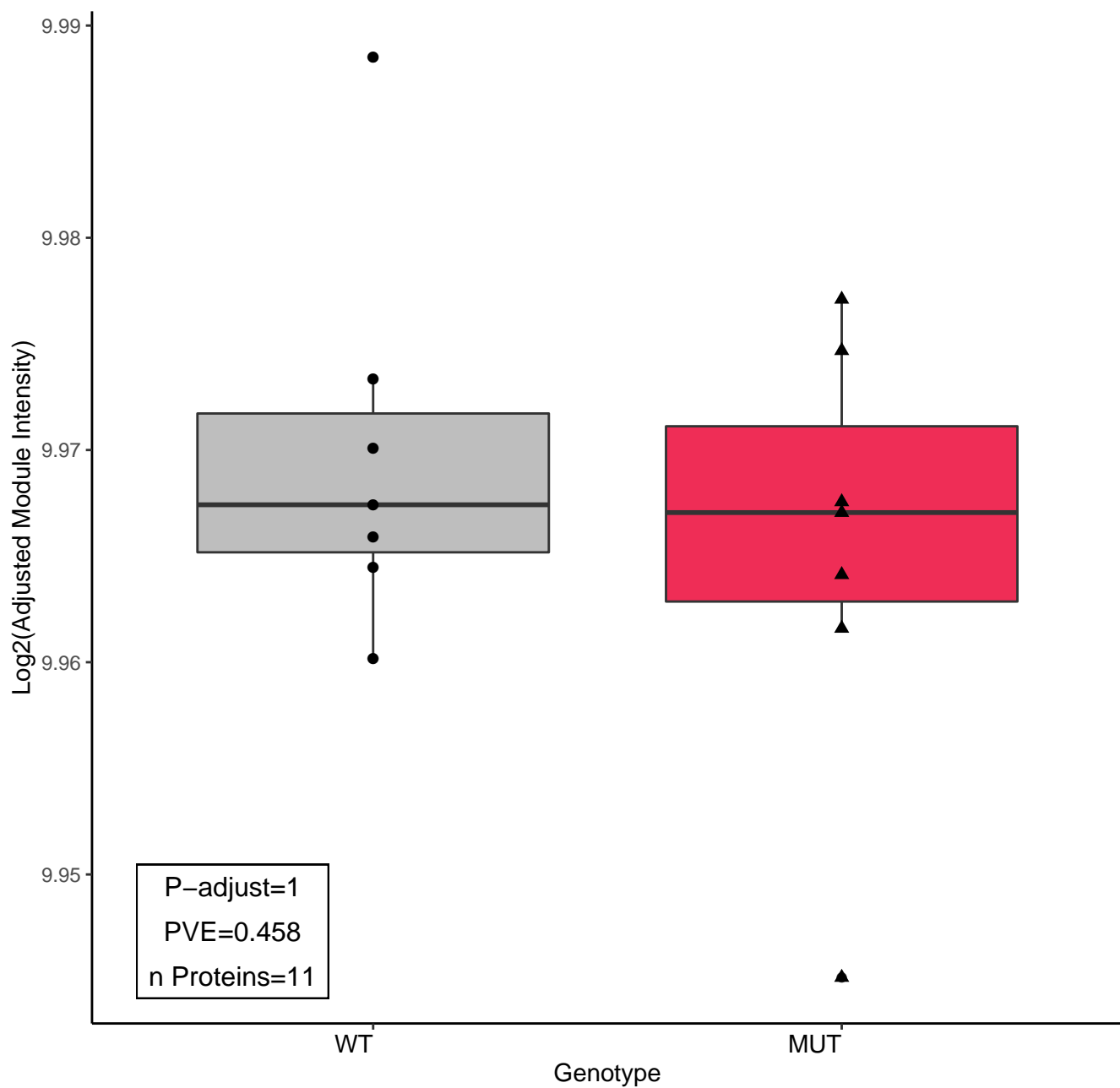
M182



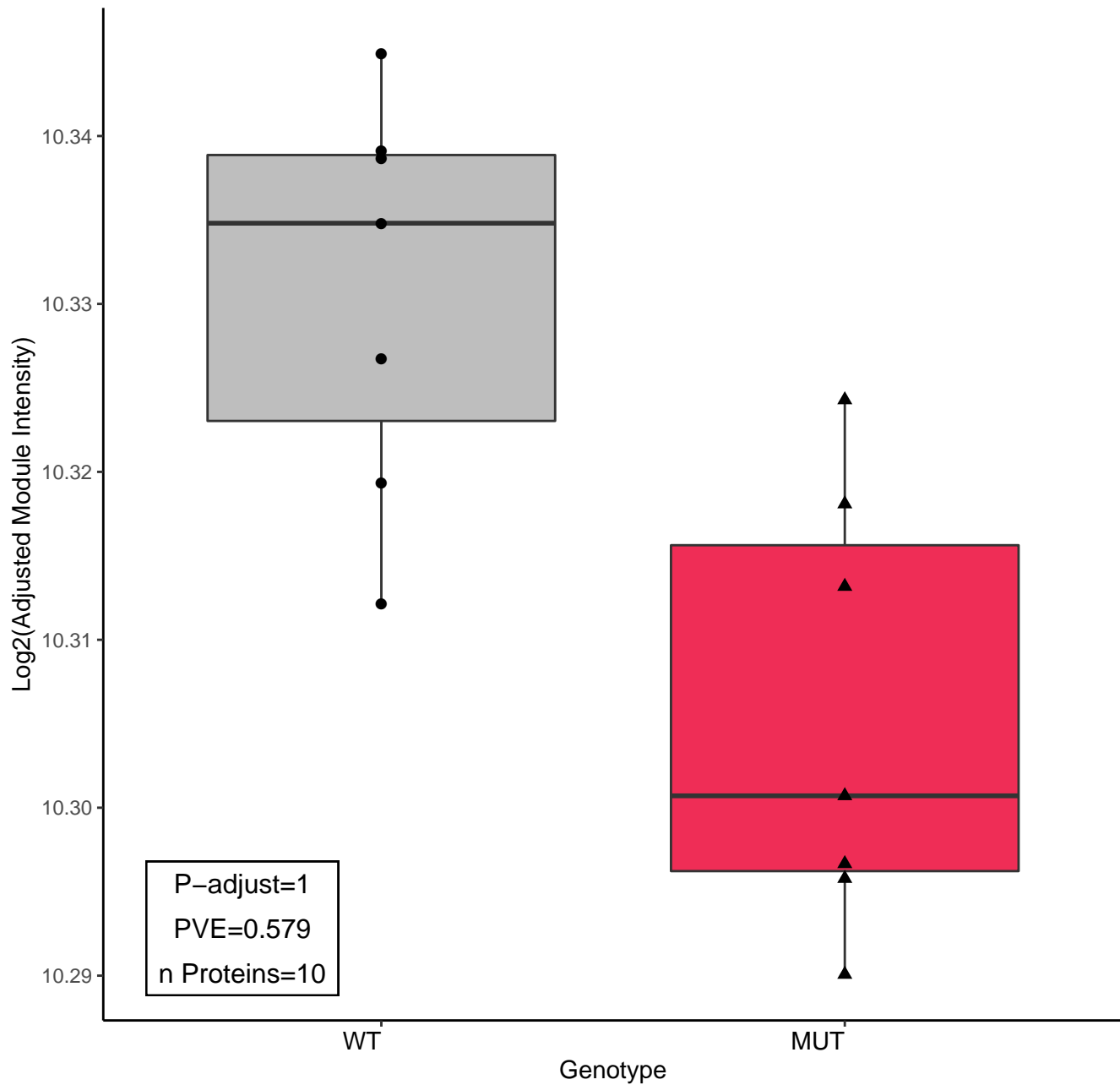
M183



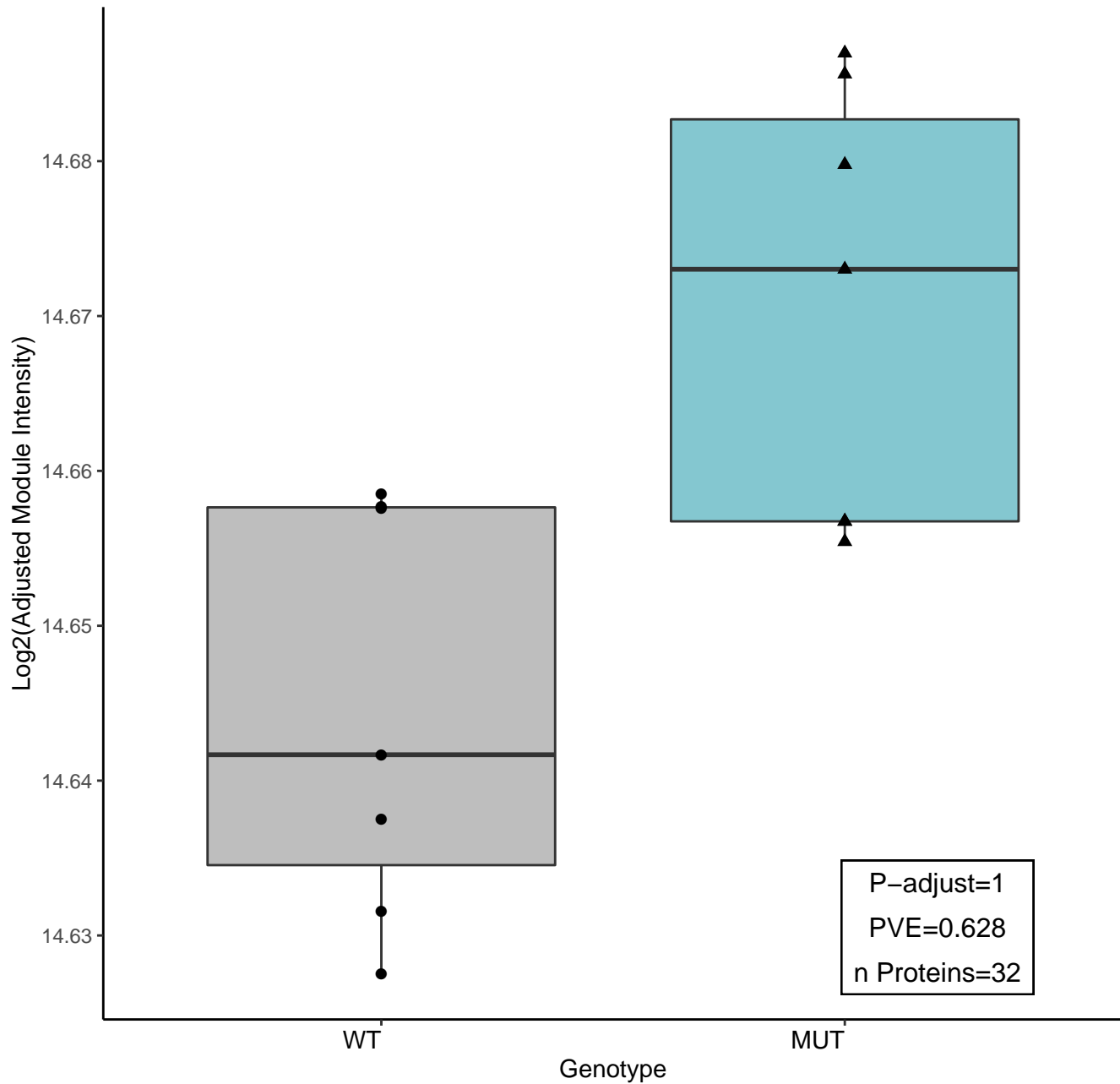
M184



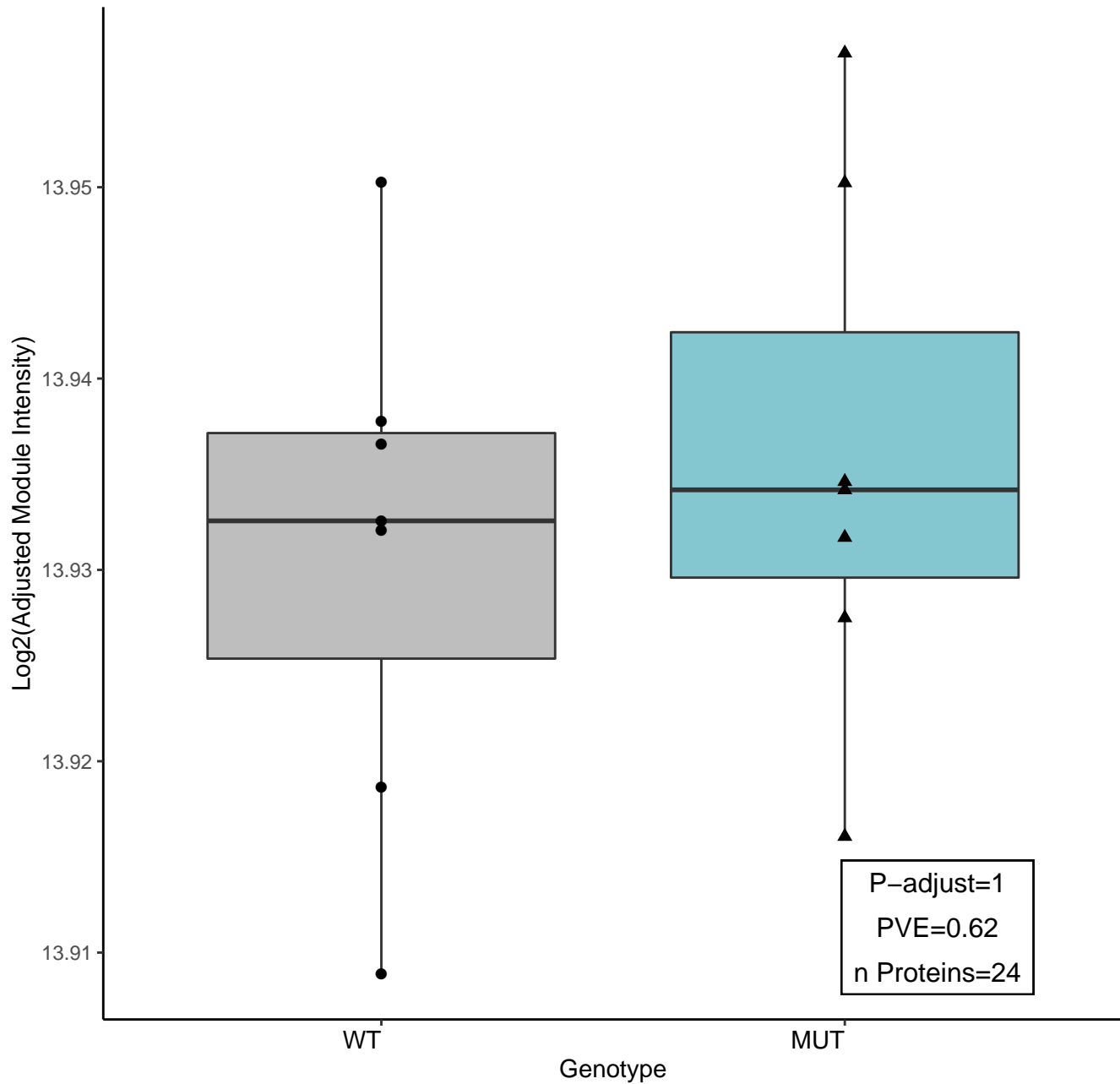
M185



M186



M187



M188

Log2(Adjusted Module Intensity)

13.94

13.92

13.90

13.88

WT

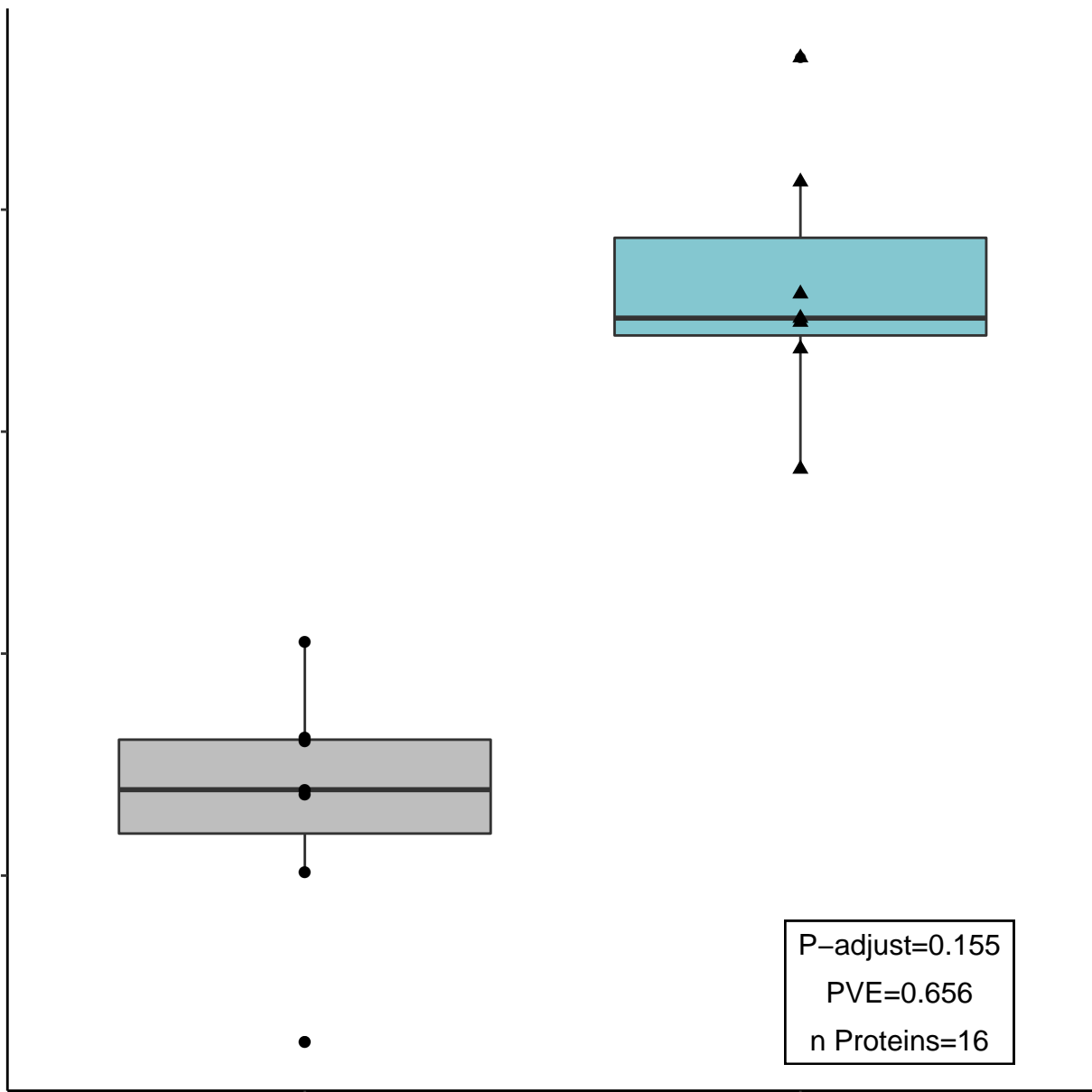
Genotype

MUT

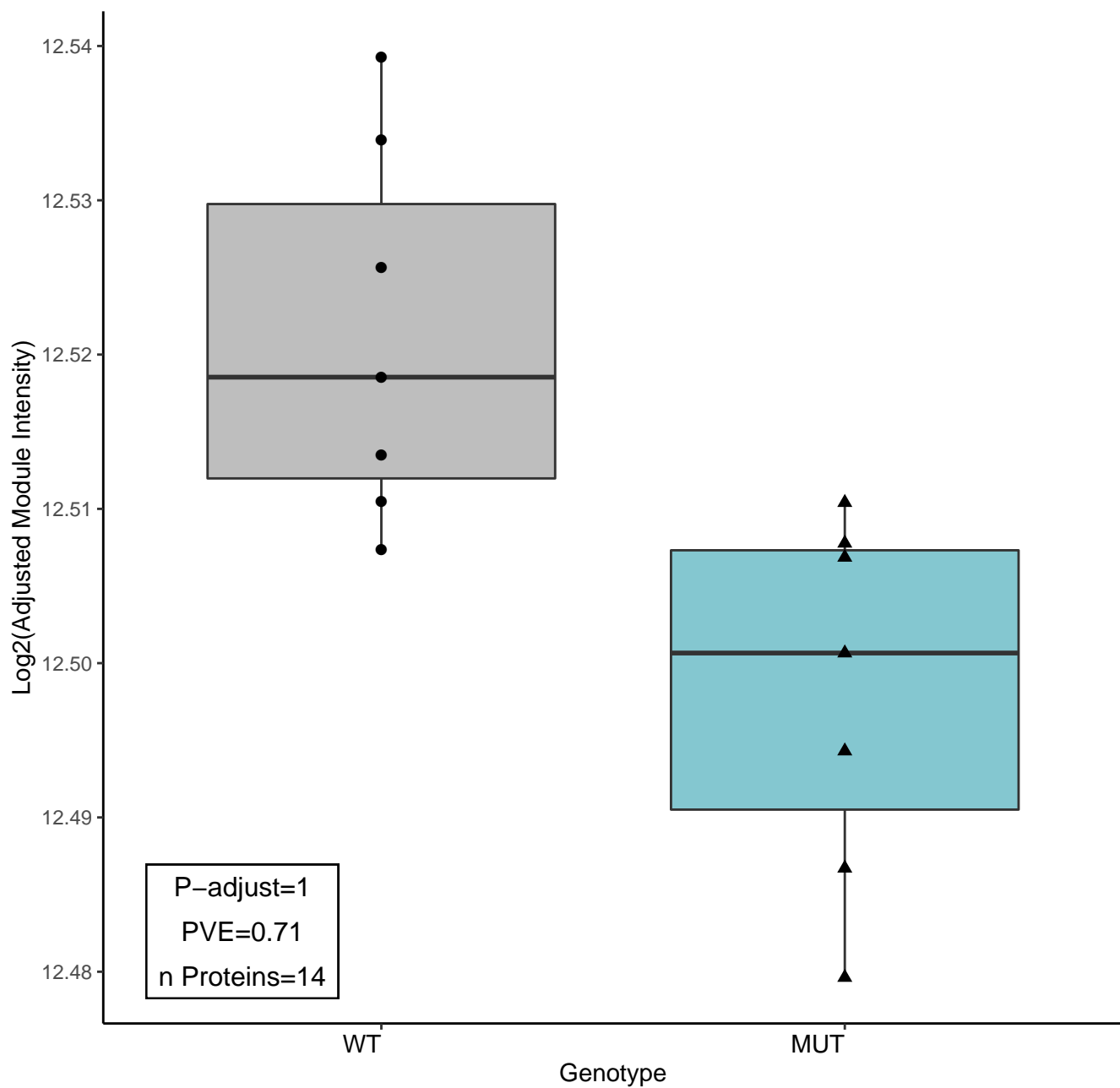
P-adjust=0.155

PVE=0.656

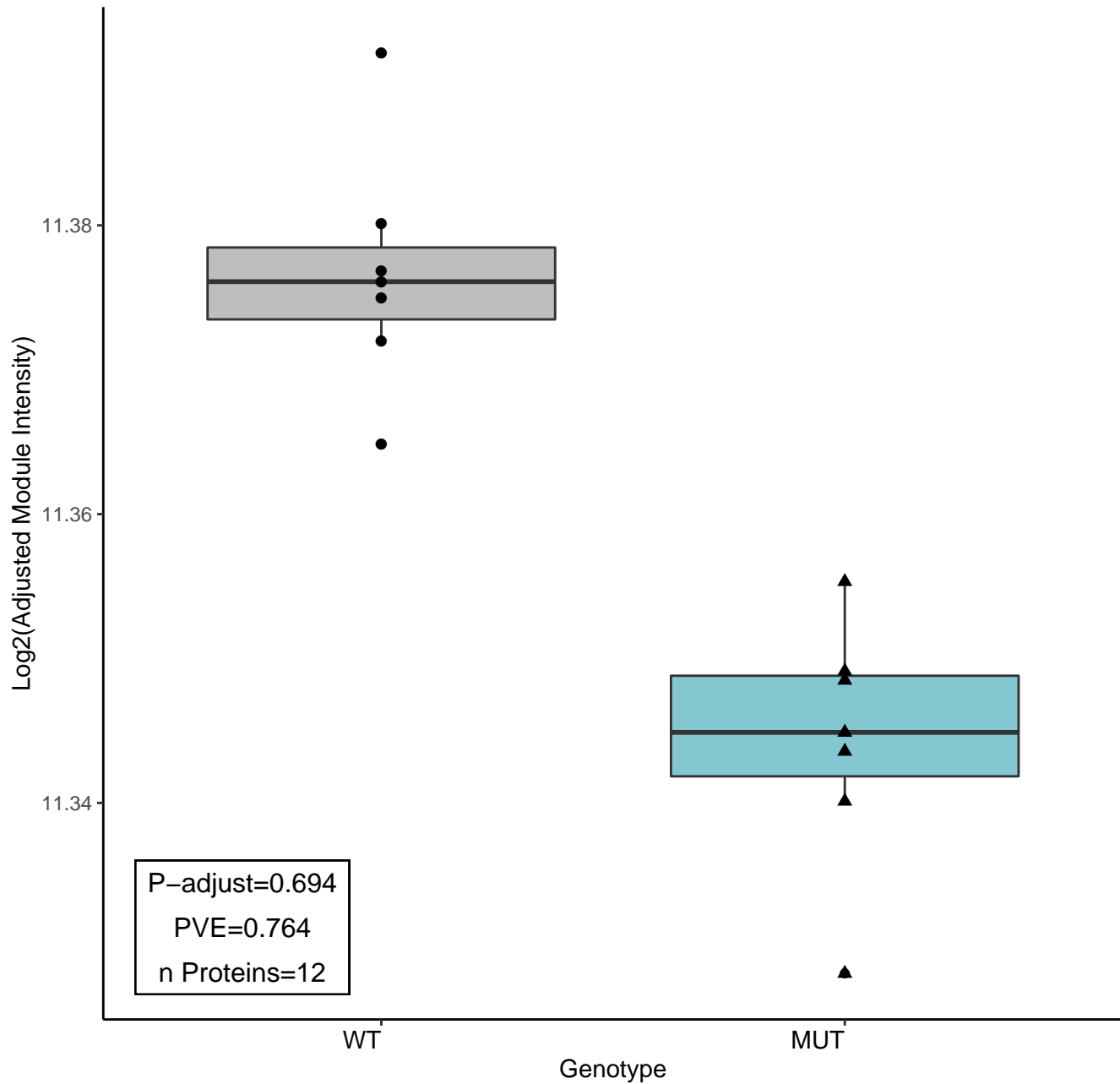
n Proteins=16



M189



M190



M191

Log2(Adjusted Module Intensity)

12.04

12.02

12.00

11.98

WT

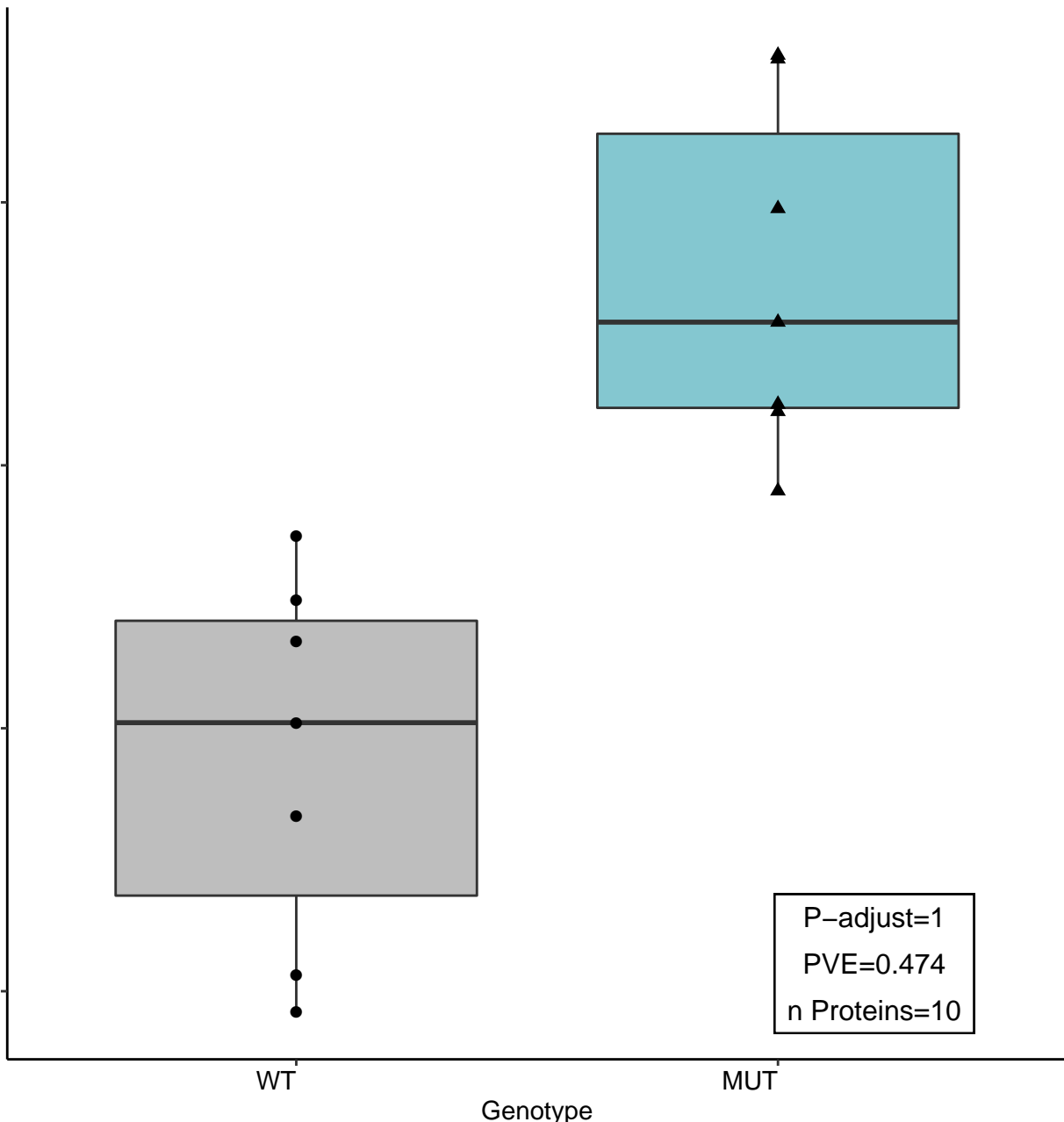
MUT

Genotype

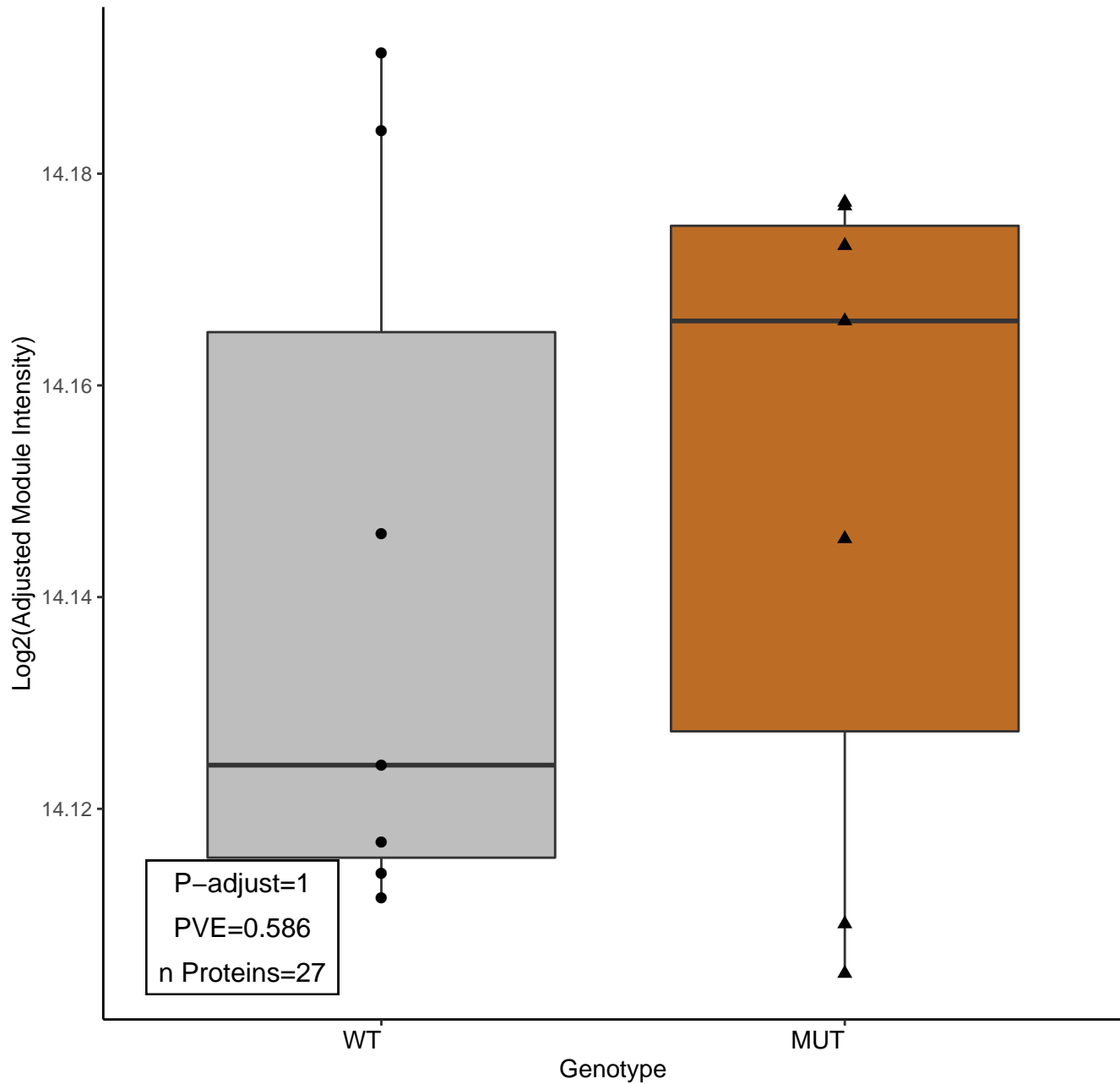
P-adjust=1

PVE=0.474

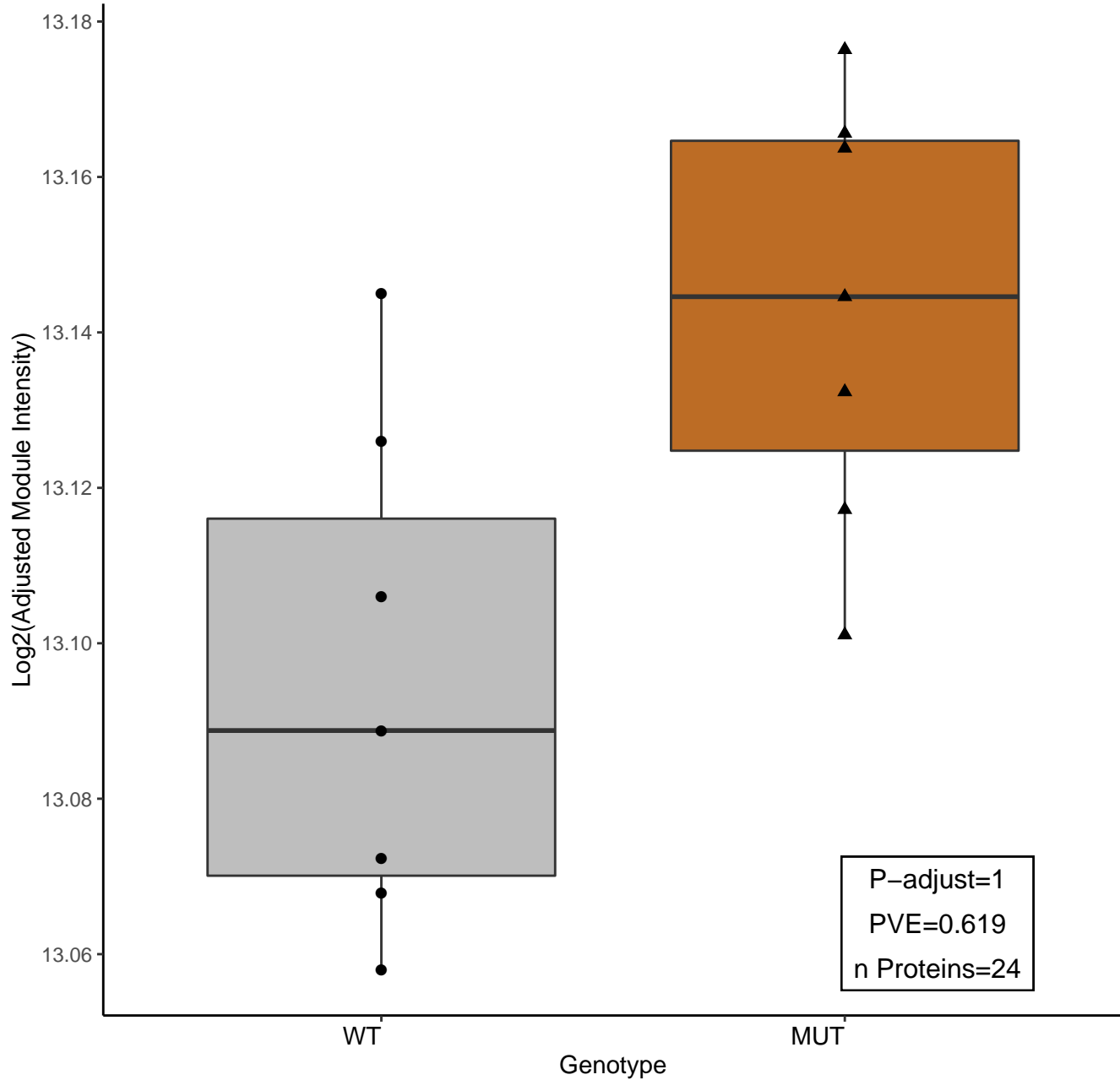
n Proteins=10



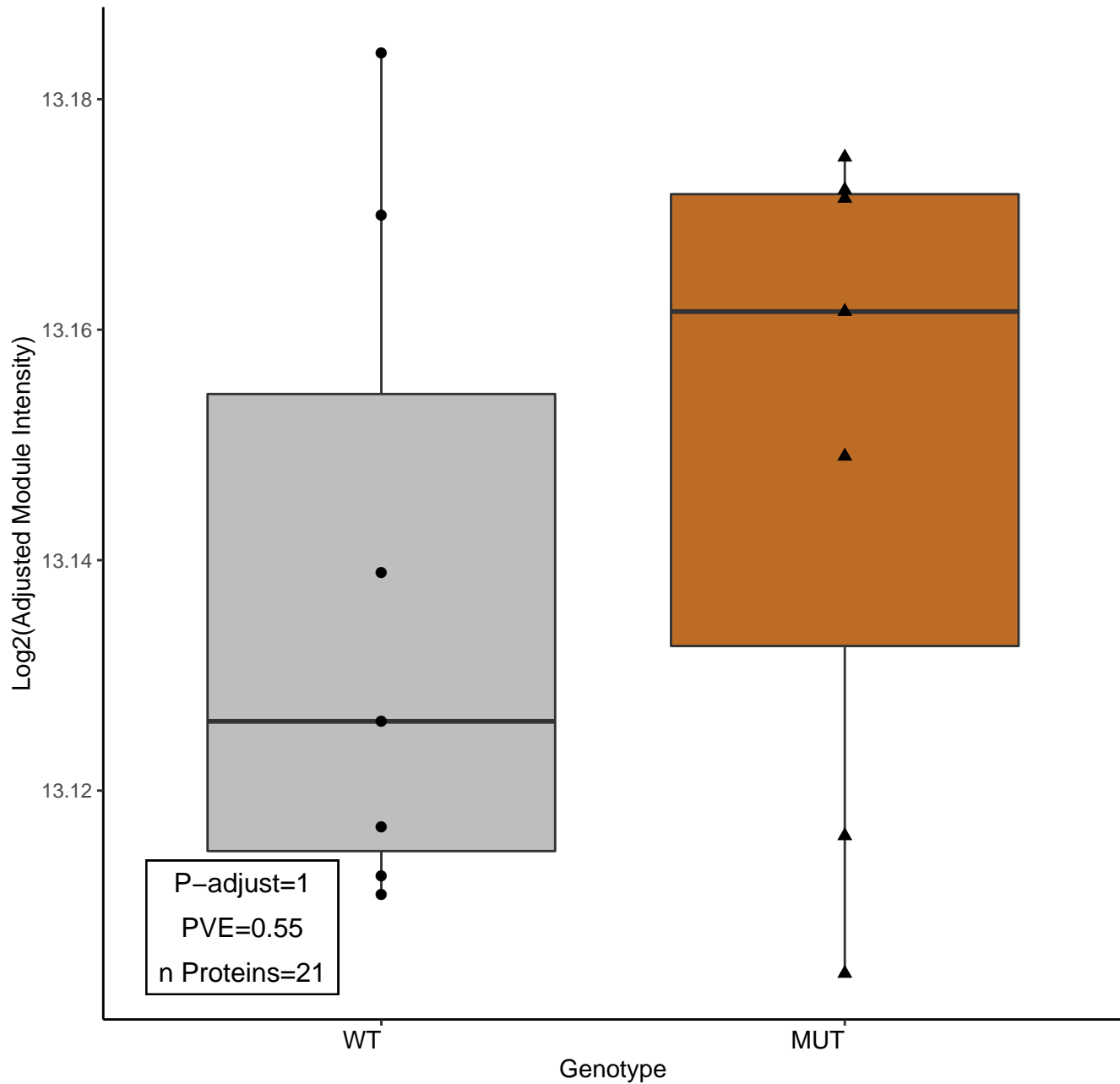
M192

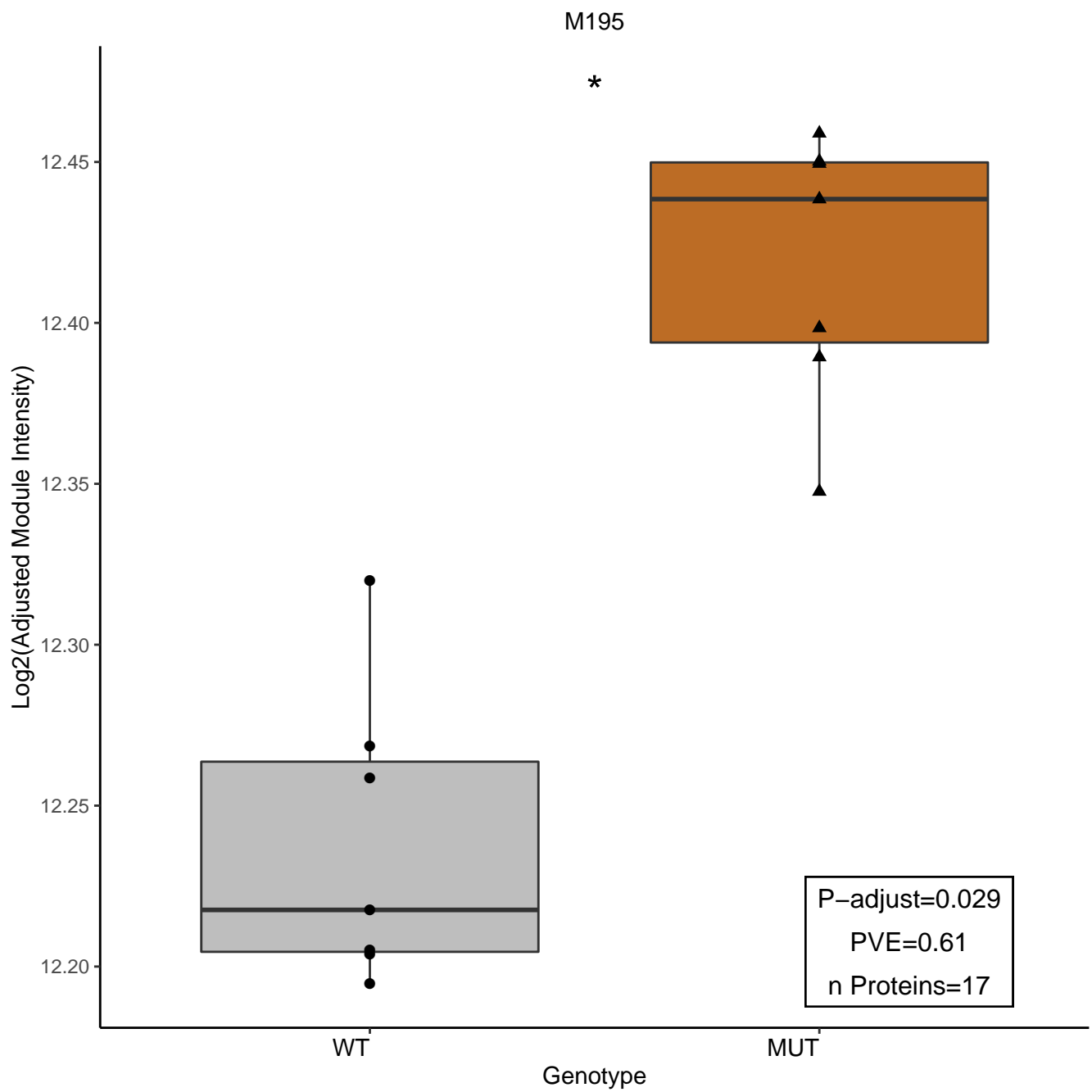


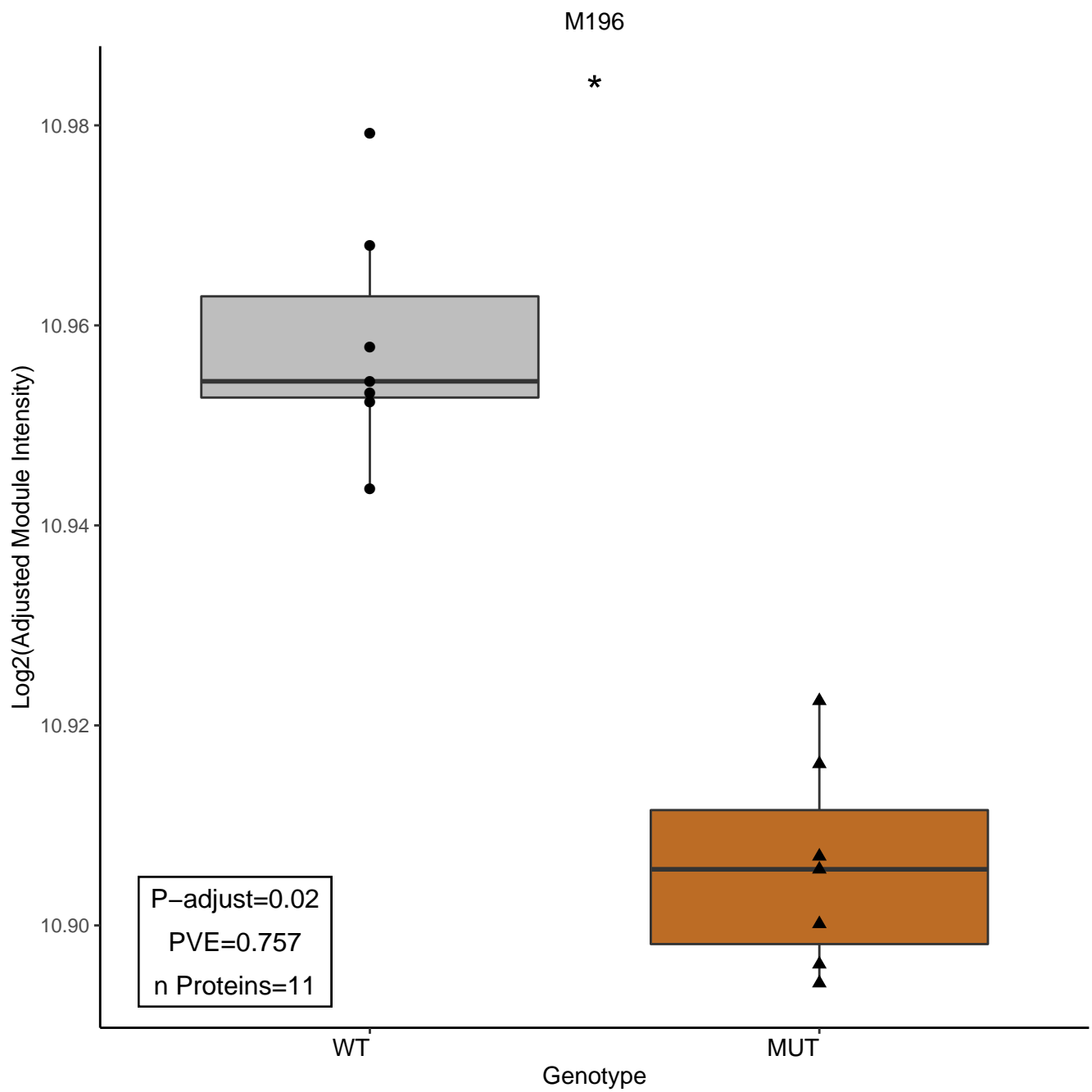
M193



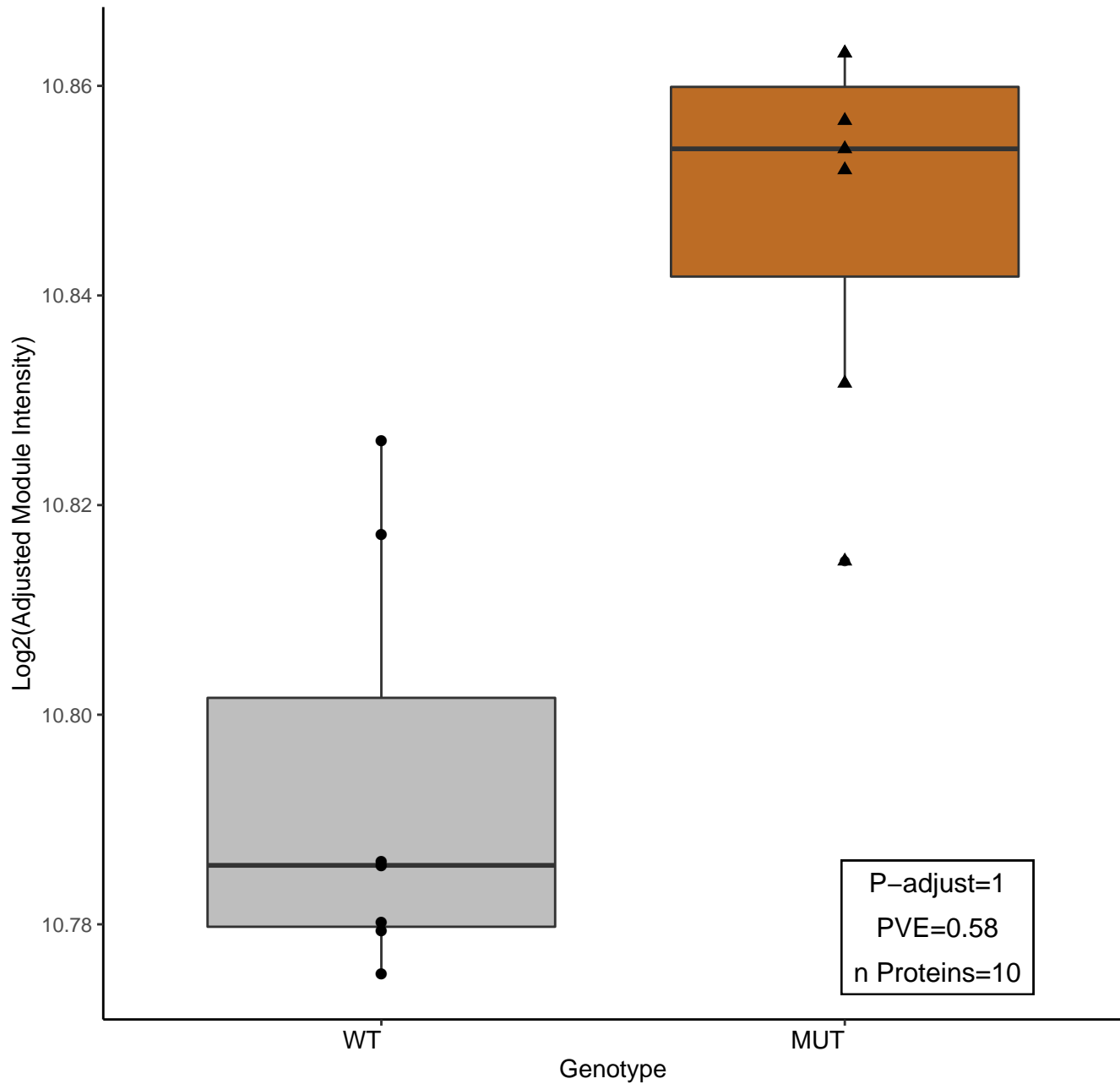
M194







M197



M198

Log2(Adjusted Module Intensity)

11.36

11.35

11.34

11.33

11.32

WT

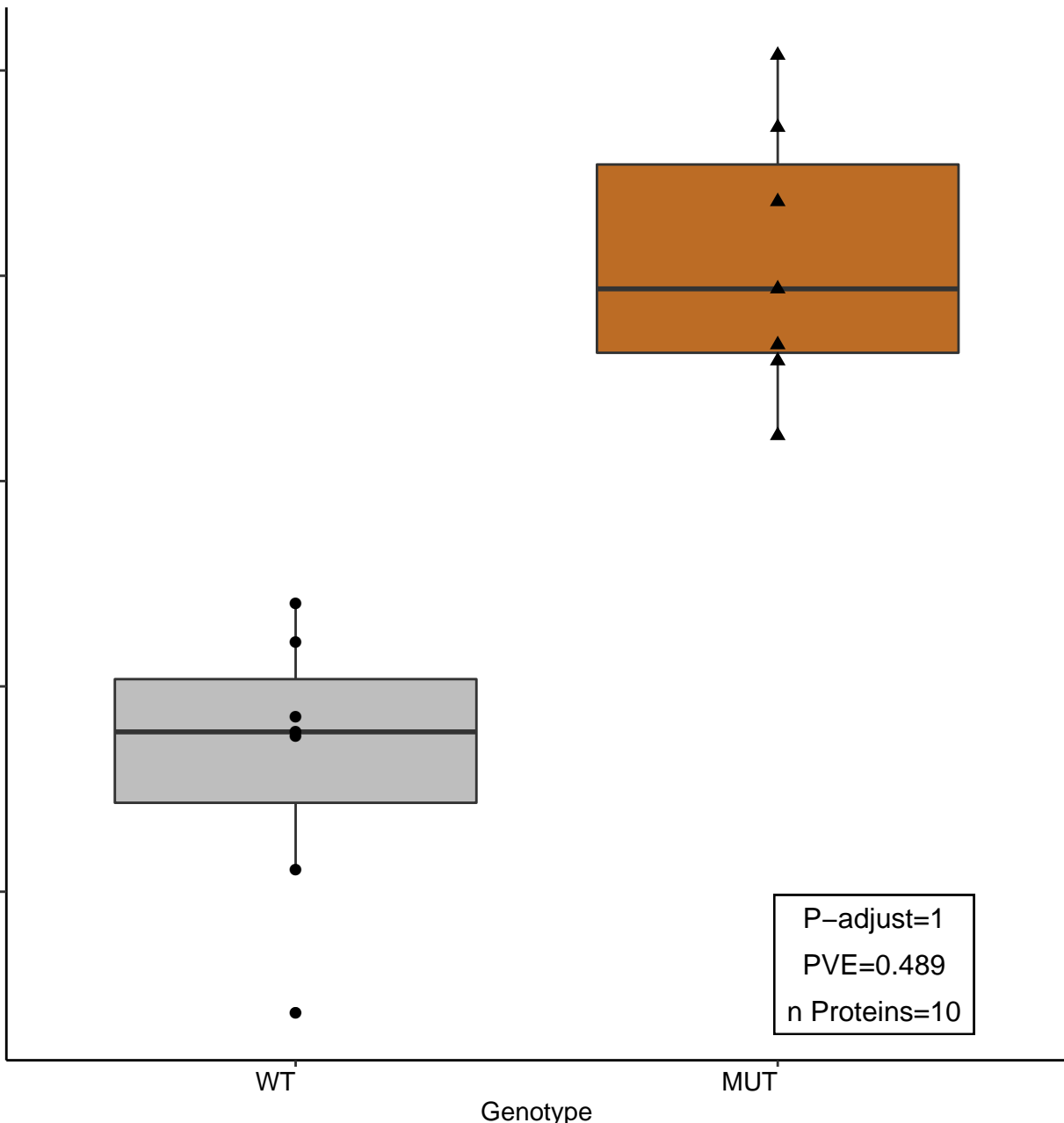
MUT

Genotype

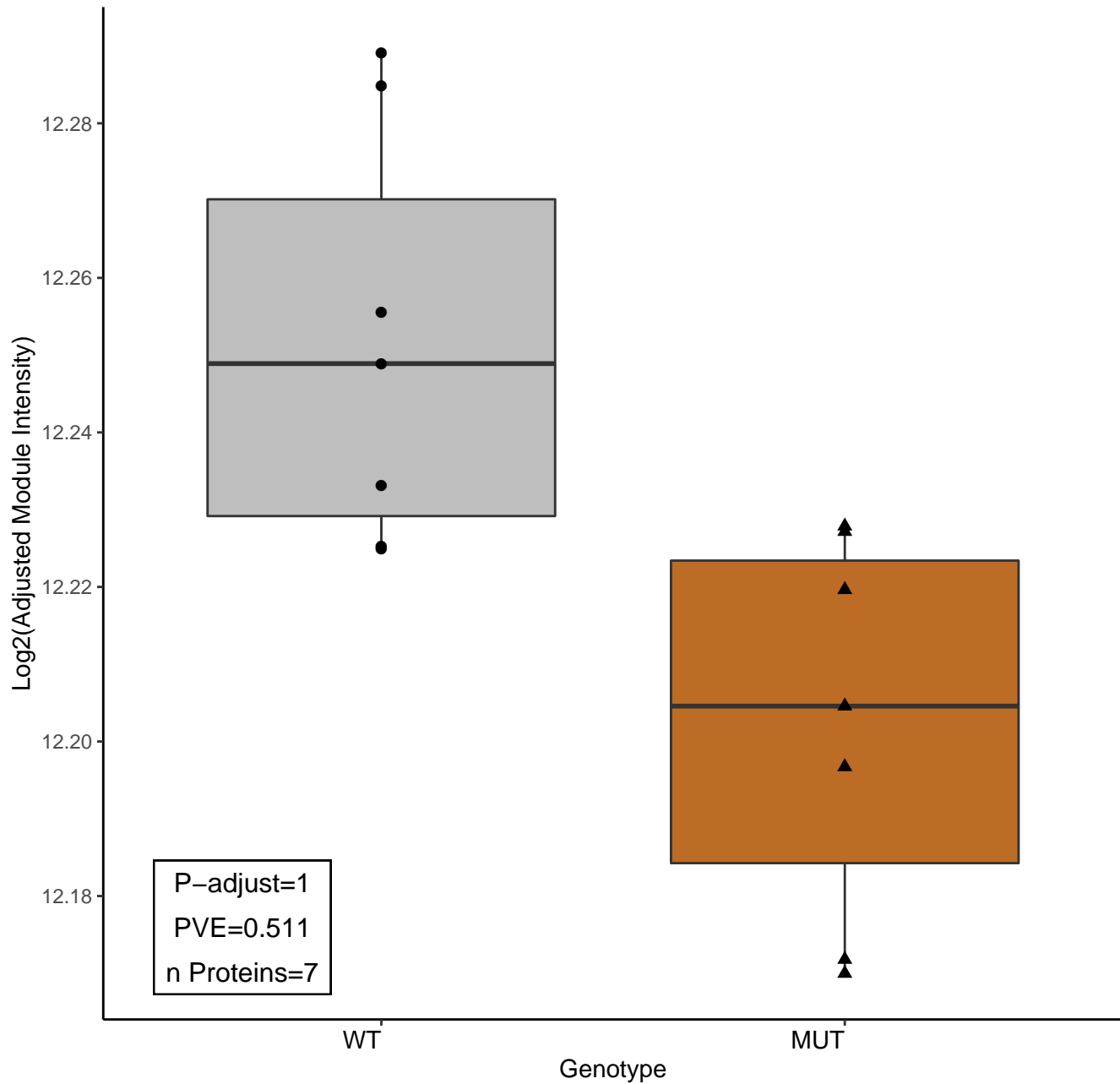
P-adjust=1

PVE=0.489

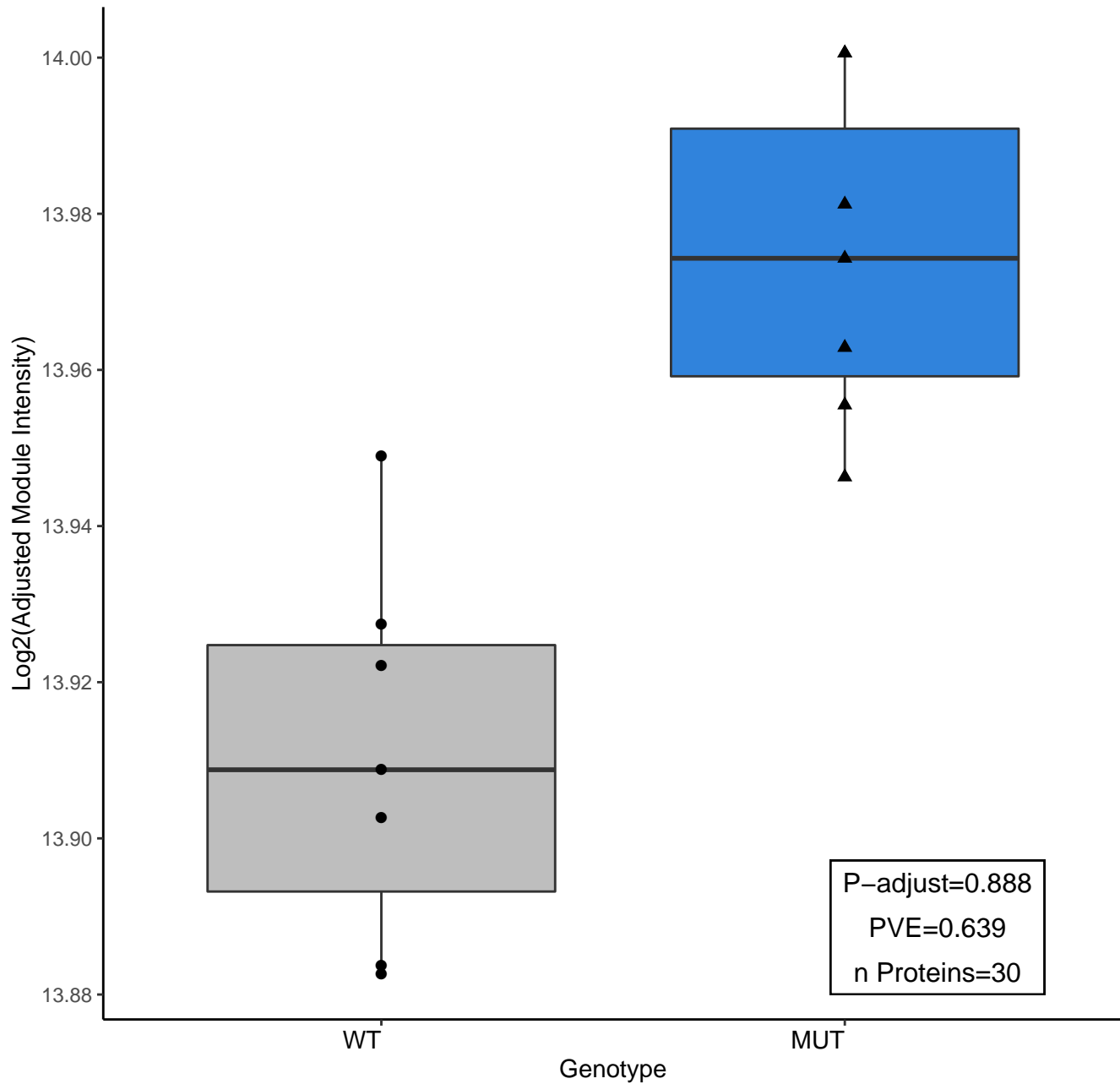
n Proteins=10



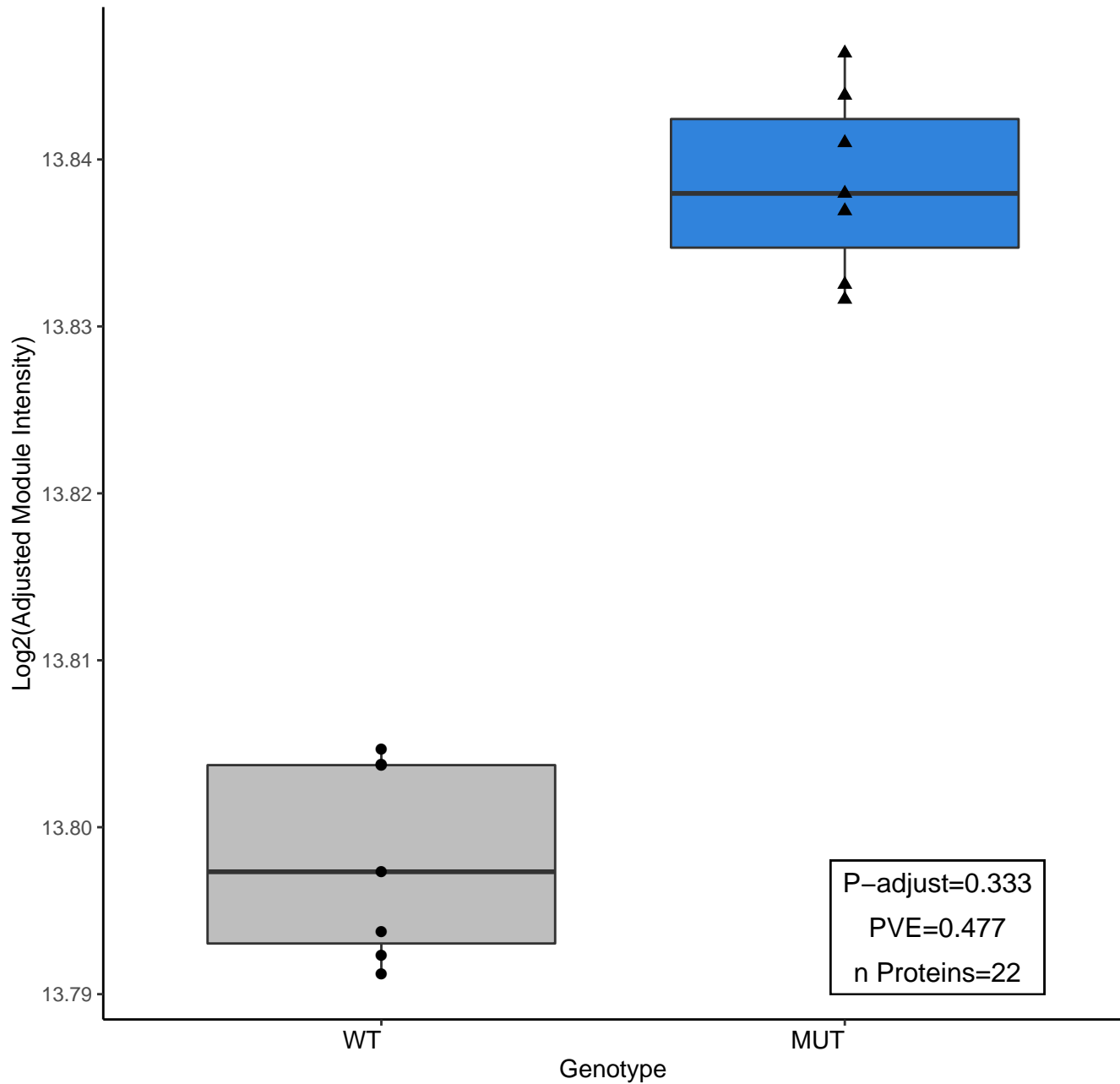
M199



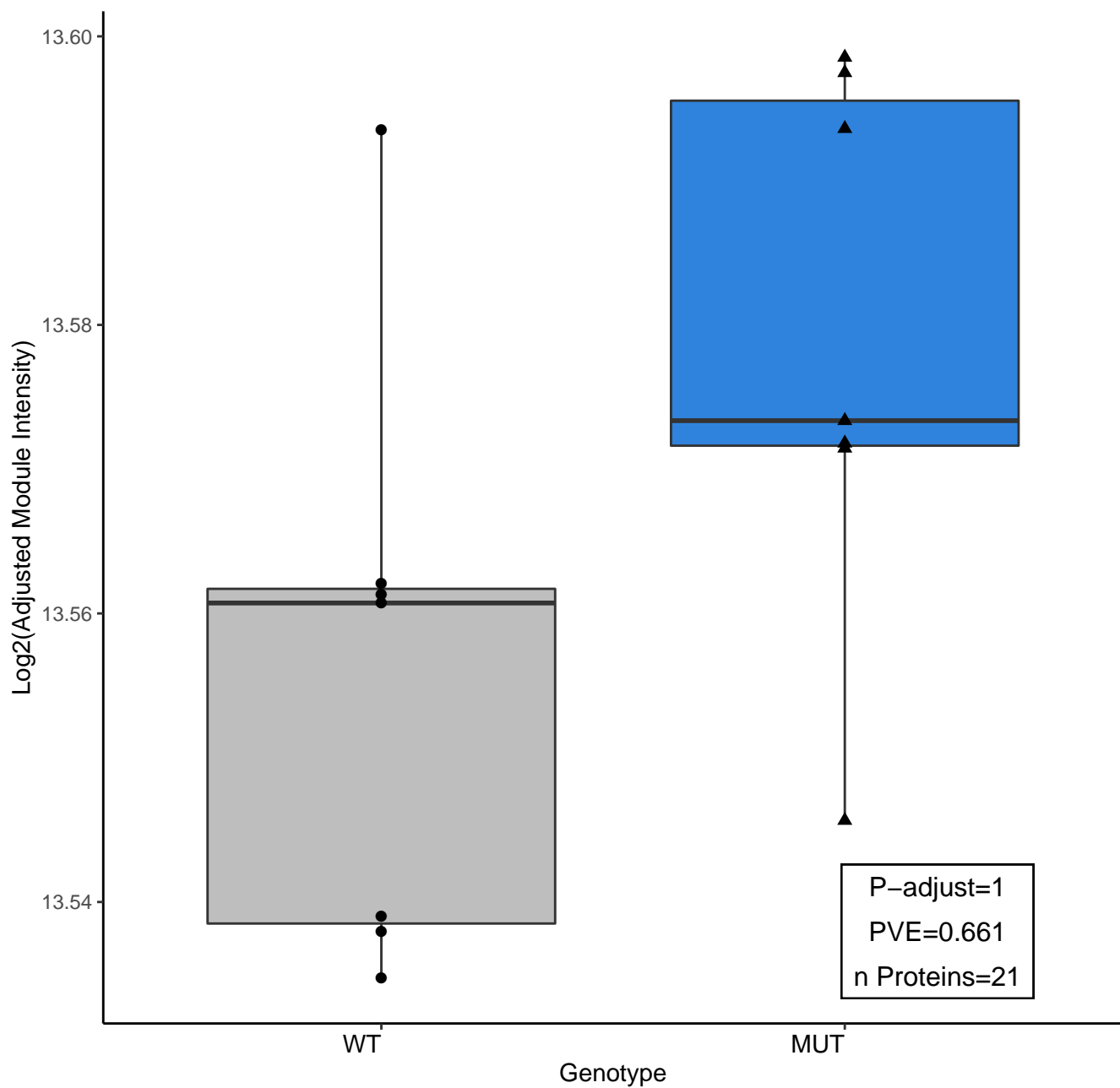
M200



M201



M202



M203

**

Log2(Adjusted Module Intensity)

12.40

12.35

12.30

P-adjust=0.004

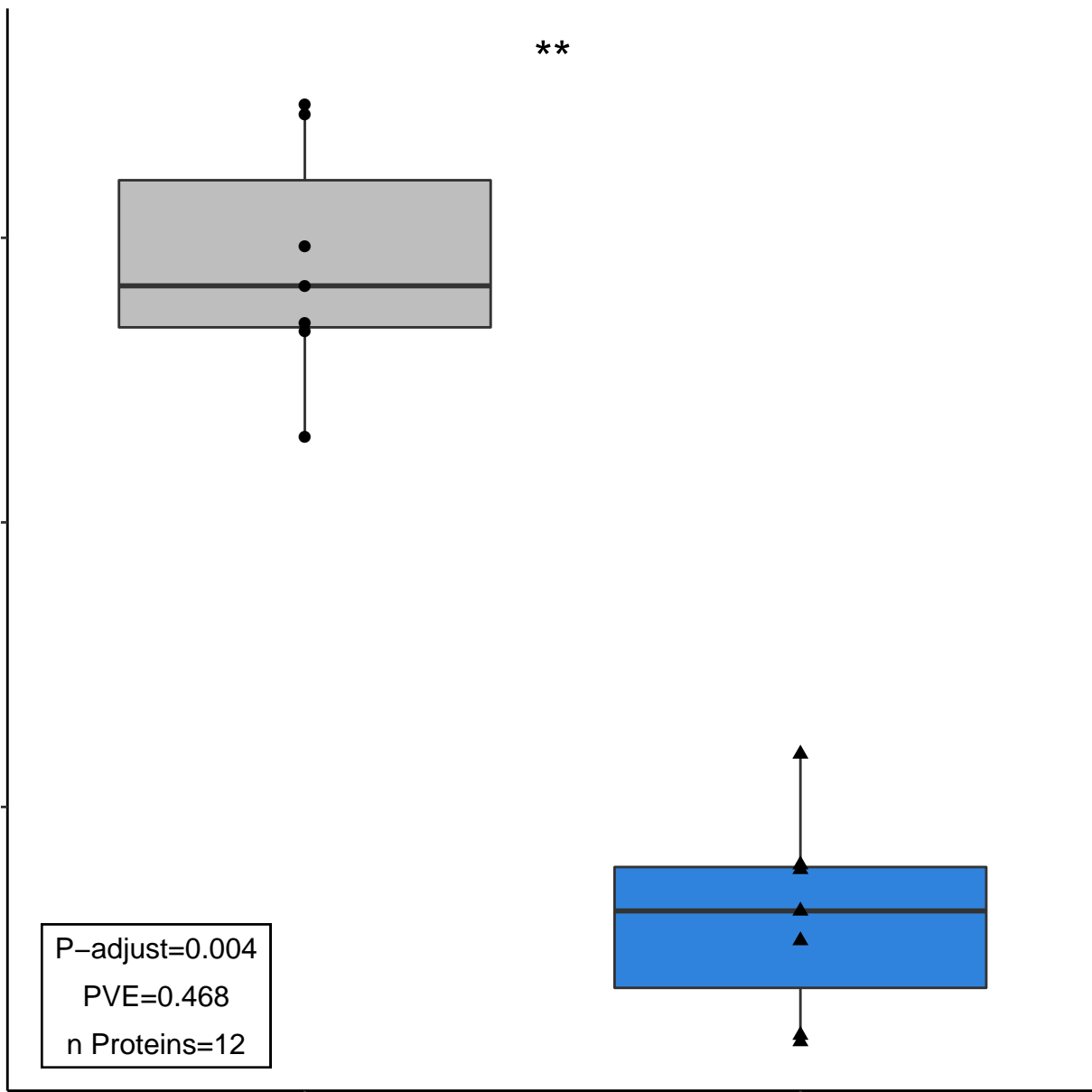
PVE=0.468

n Proteins=12

WT

Genotype

MUT



M204

Log2(Adjusted Module Intensity)

13.80

13.75

13.70

13.65

WT

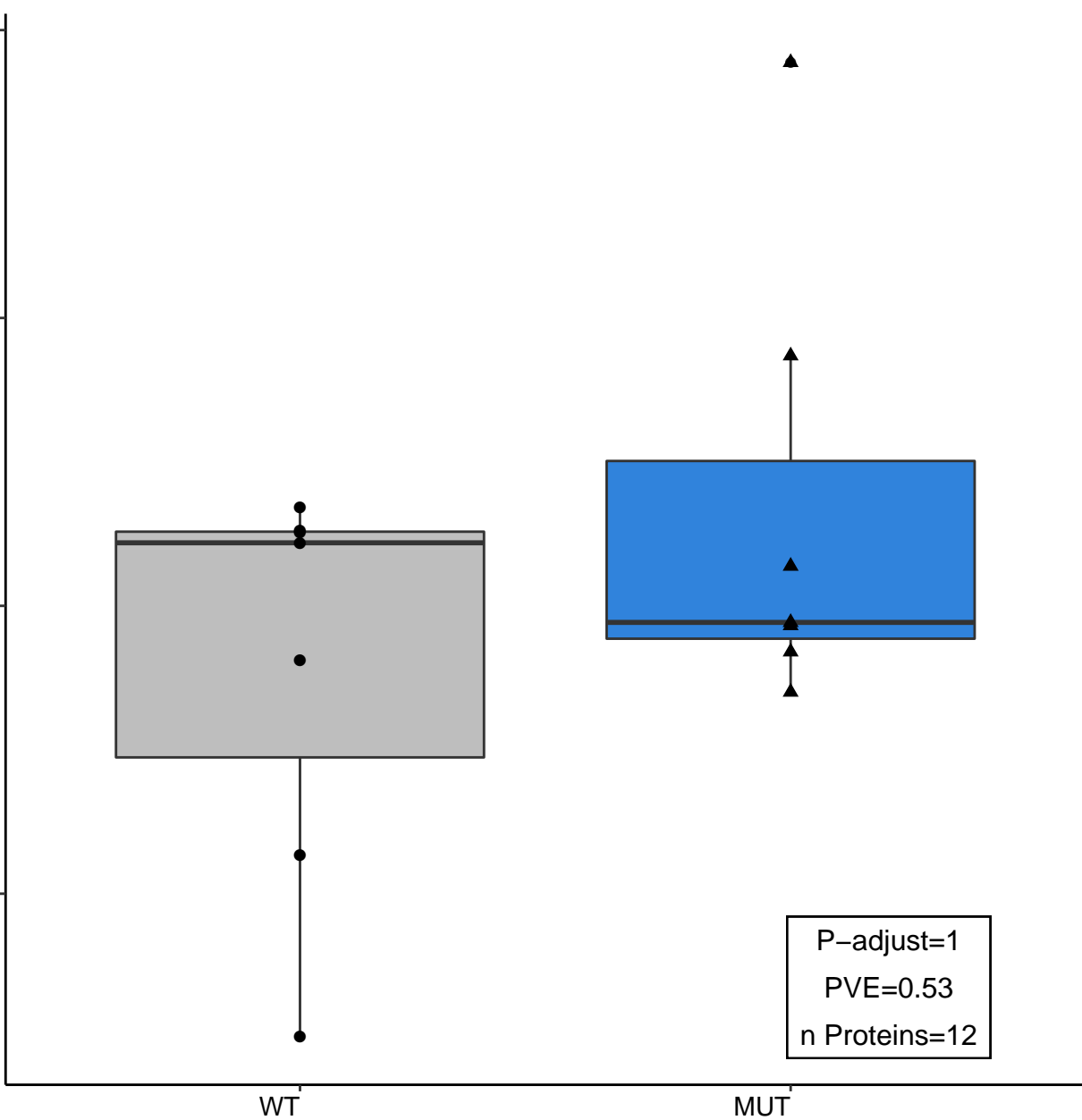
Genotype

MUT

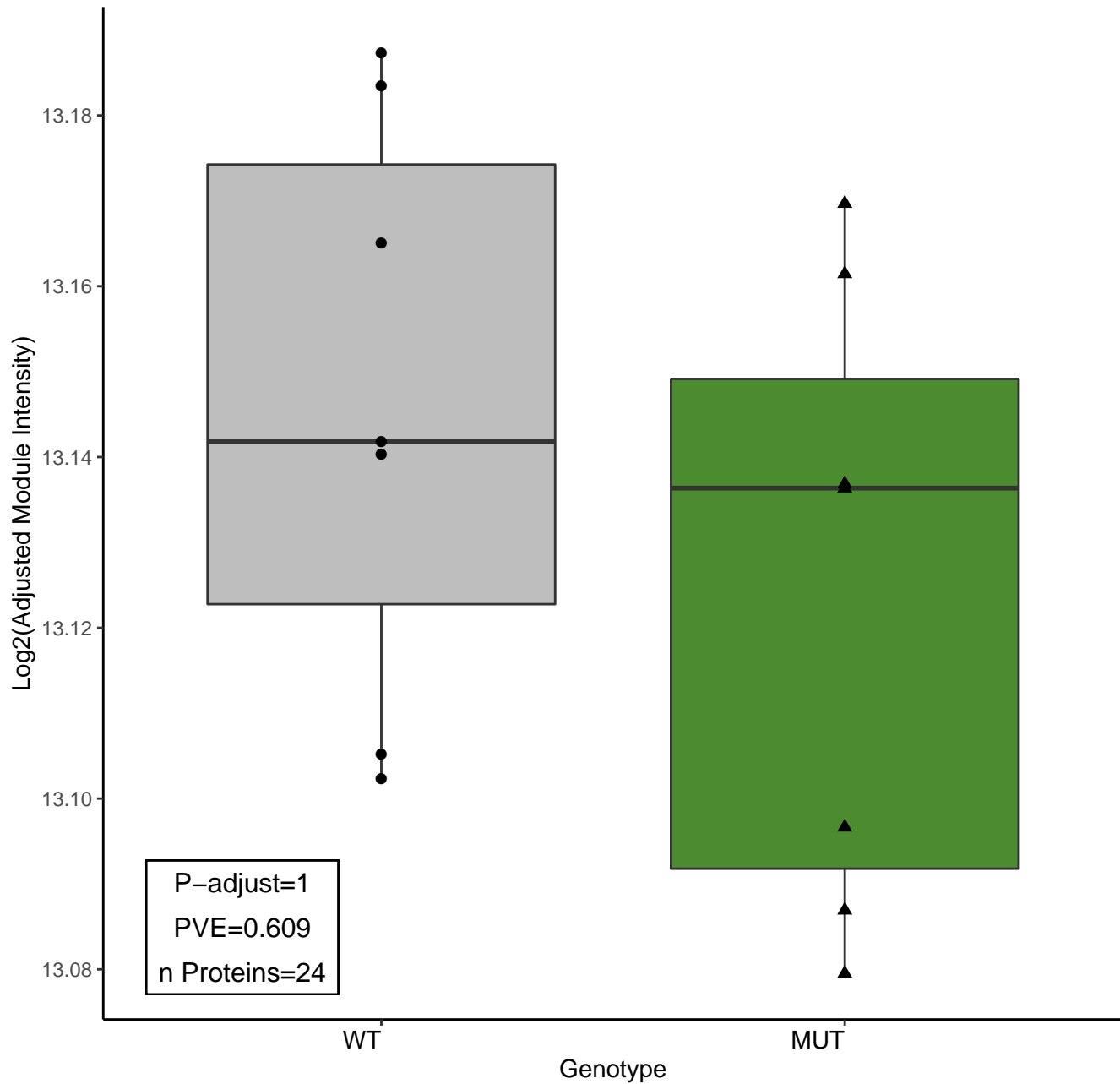
P-adjust=1

PVE=0.53

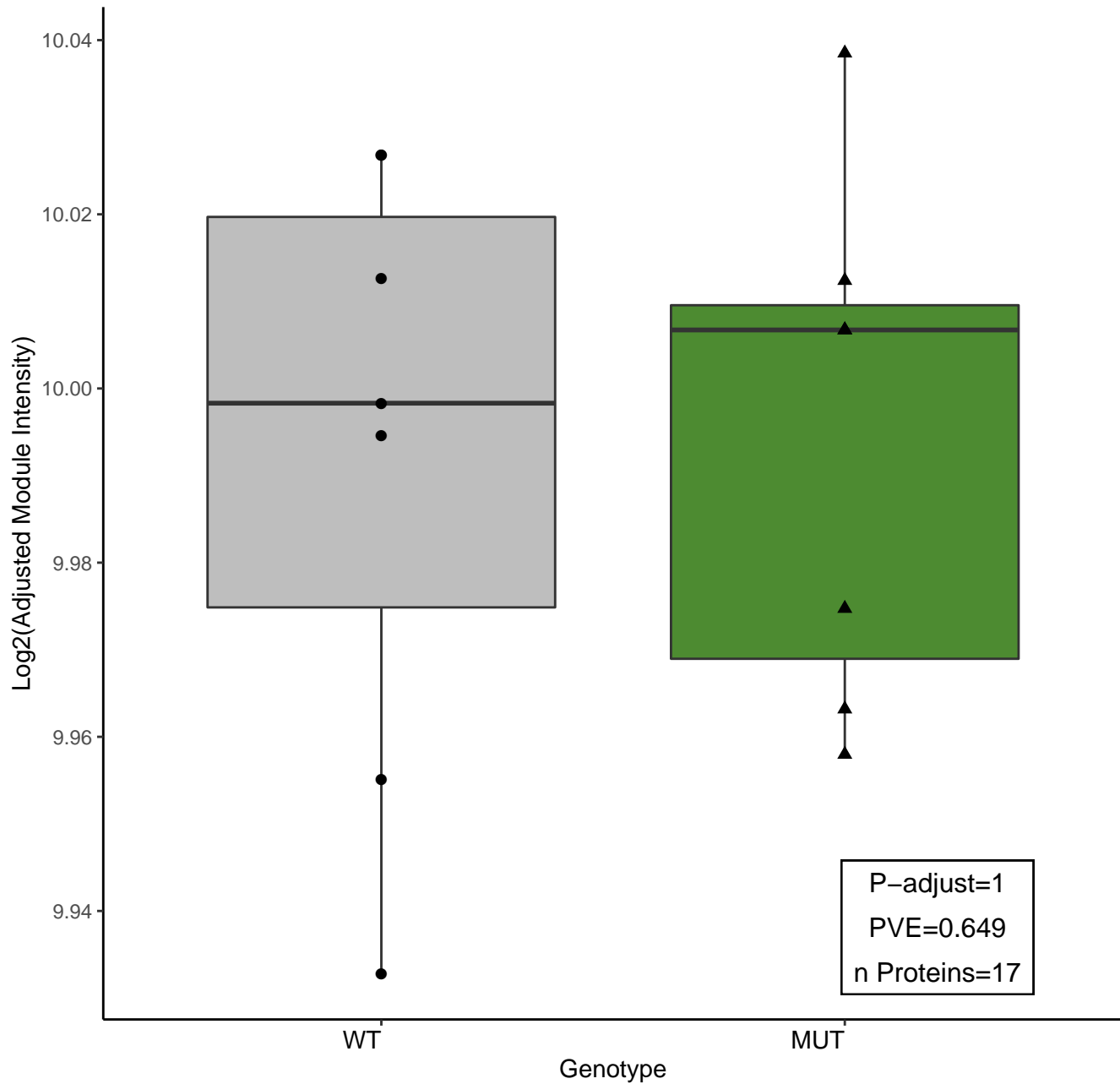
n Proteins=12

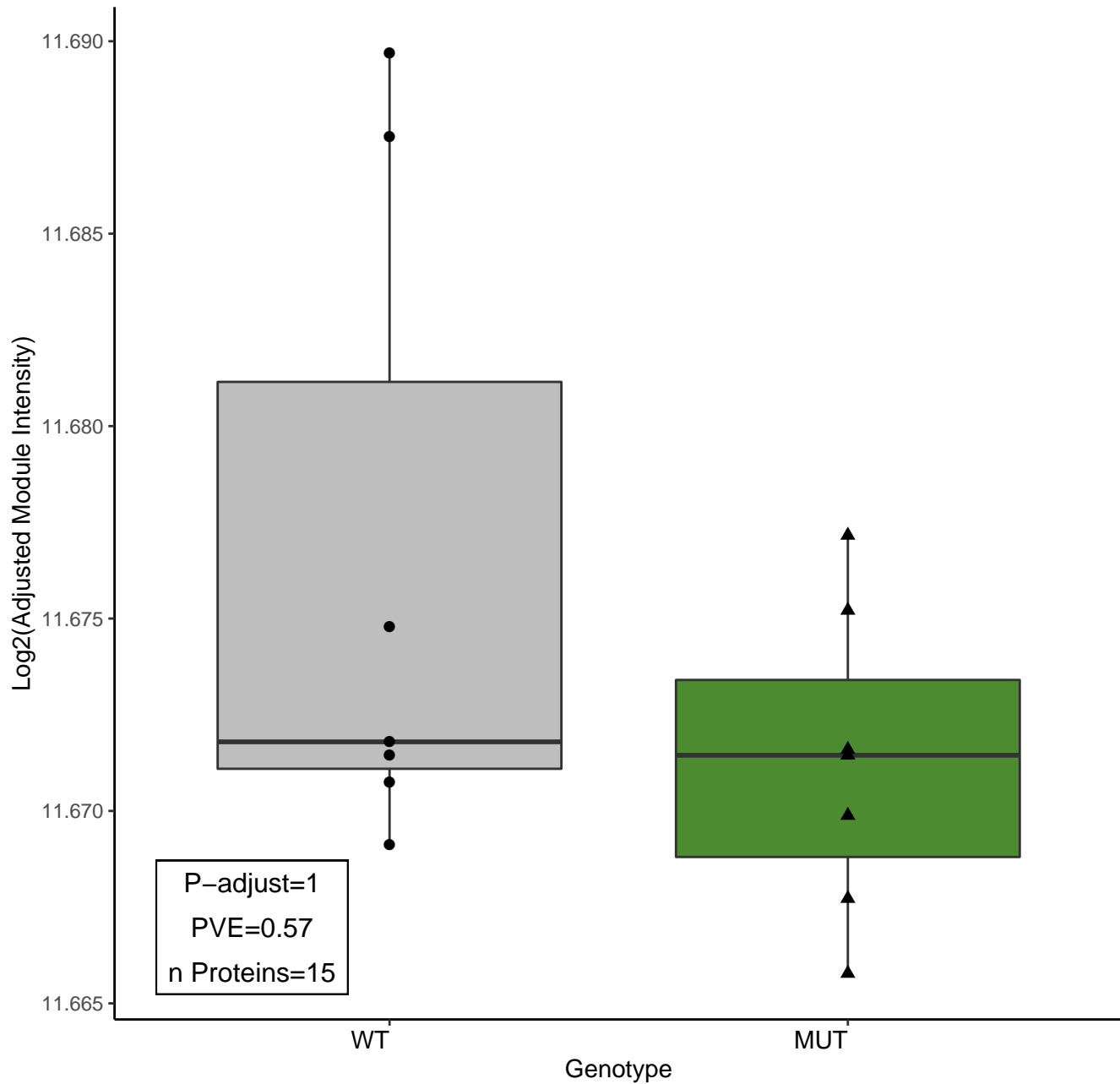


M205



M206





M208

Log2(Adjusted Module Intensity)

13.65

13.60

13.55

13.50

P-adjust=0.511

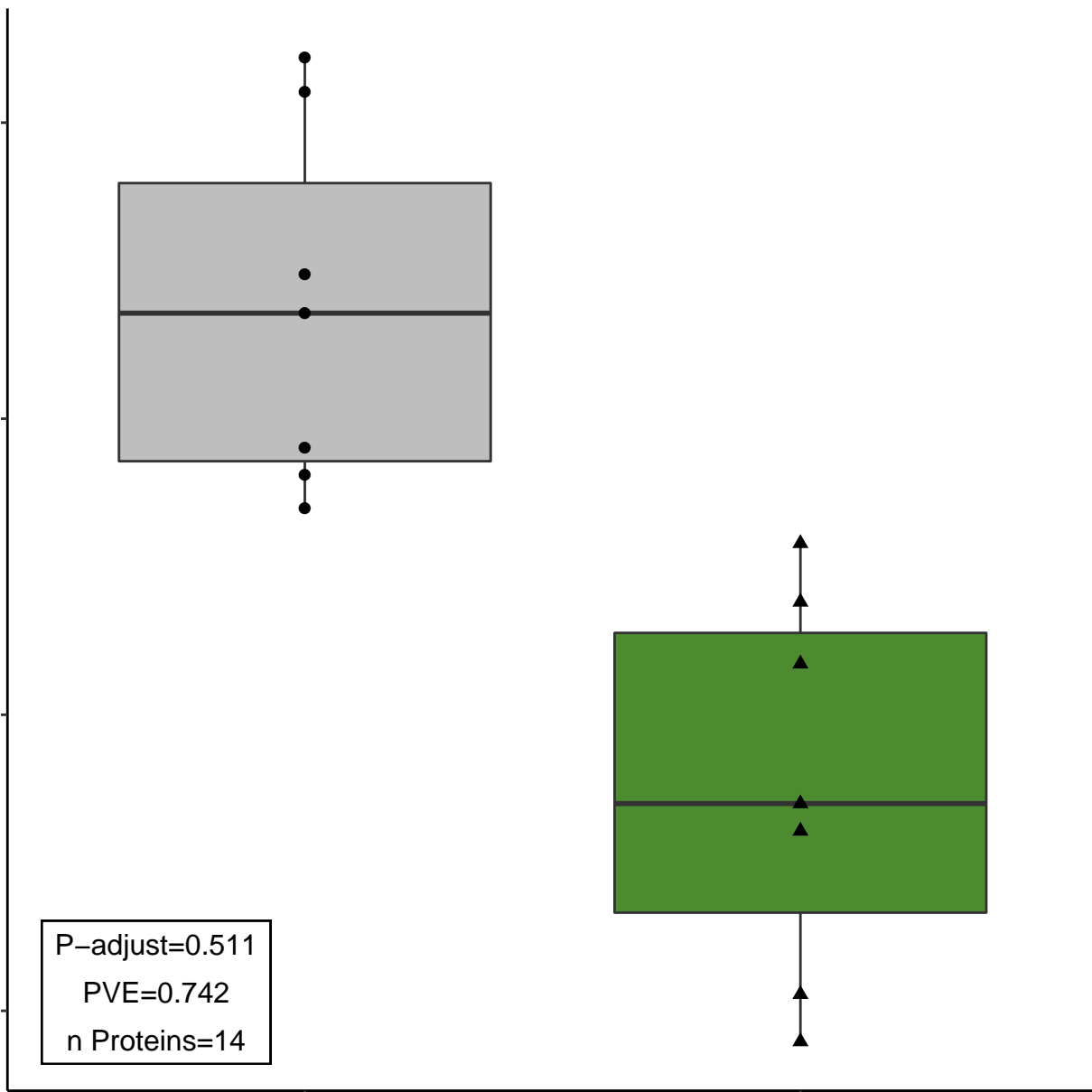
PVE=0.742

n Proteins=14

WT

Genotype

MUT



M209

Log2(Adjusted Module Intensity)

10.20

10.18

10.16

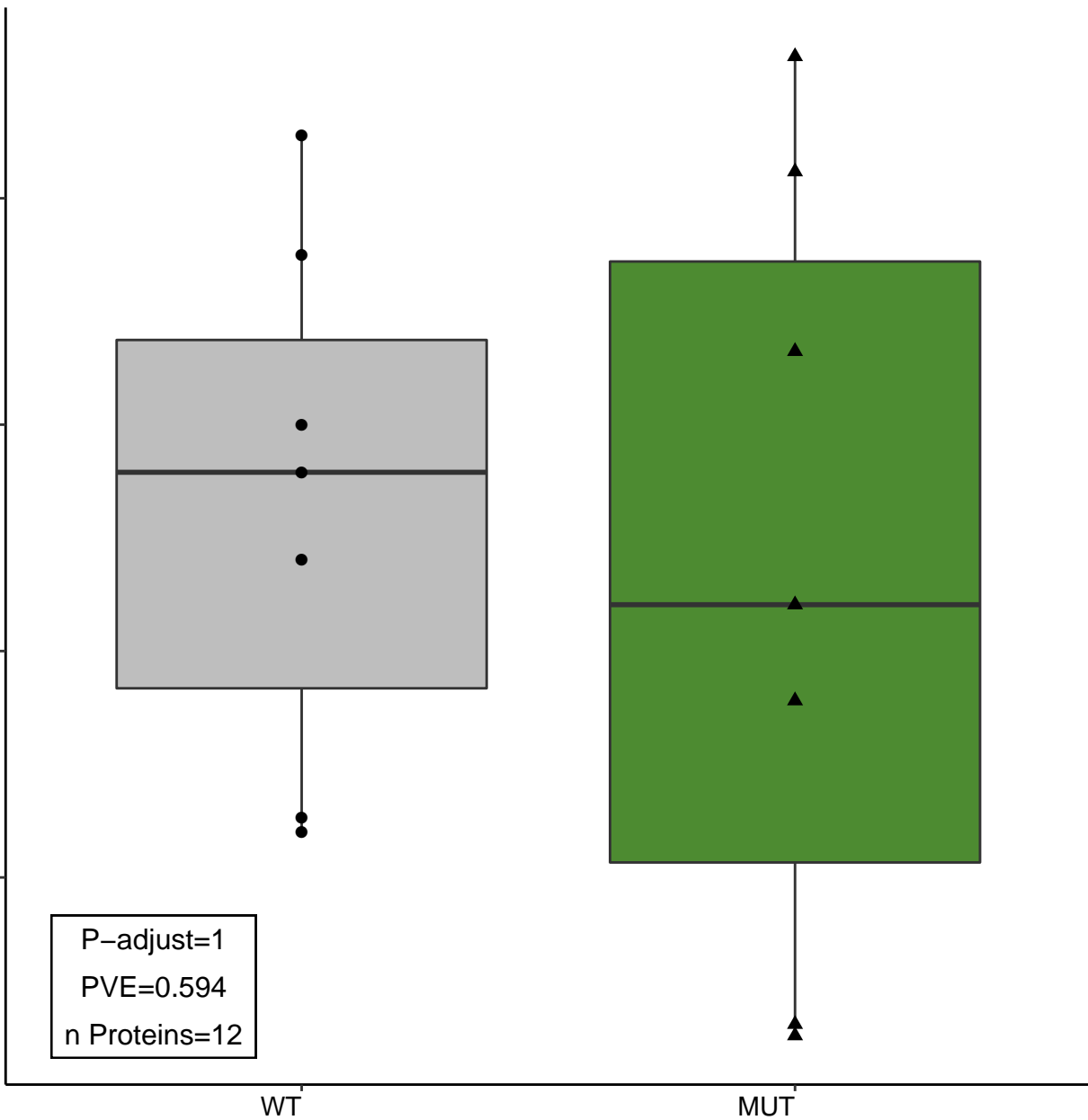
10.14

P-adjust=1
PVE=0.594
n Proteins=12

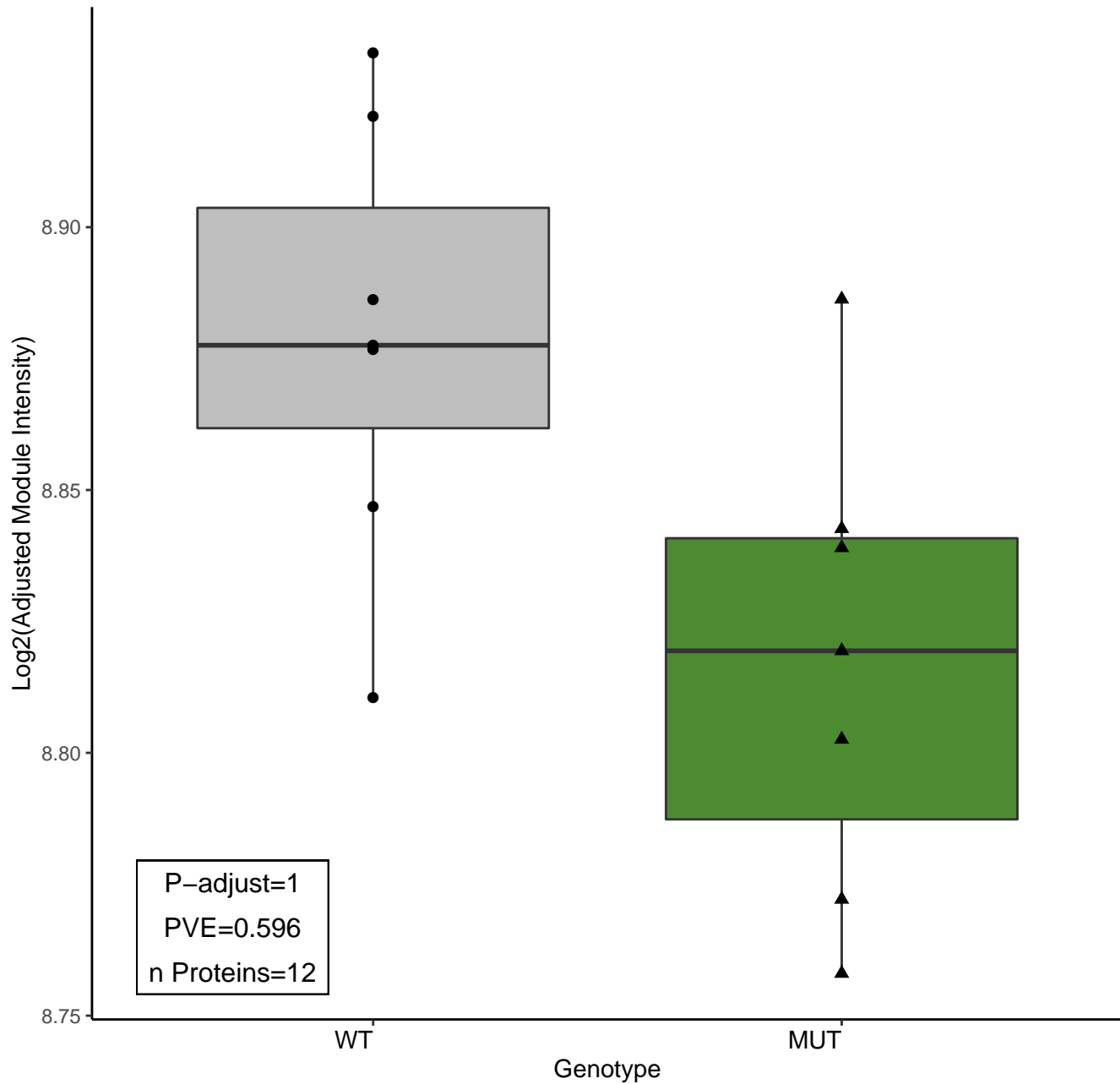
WT

Genotype

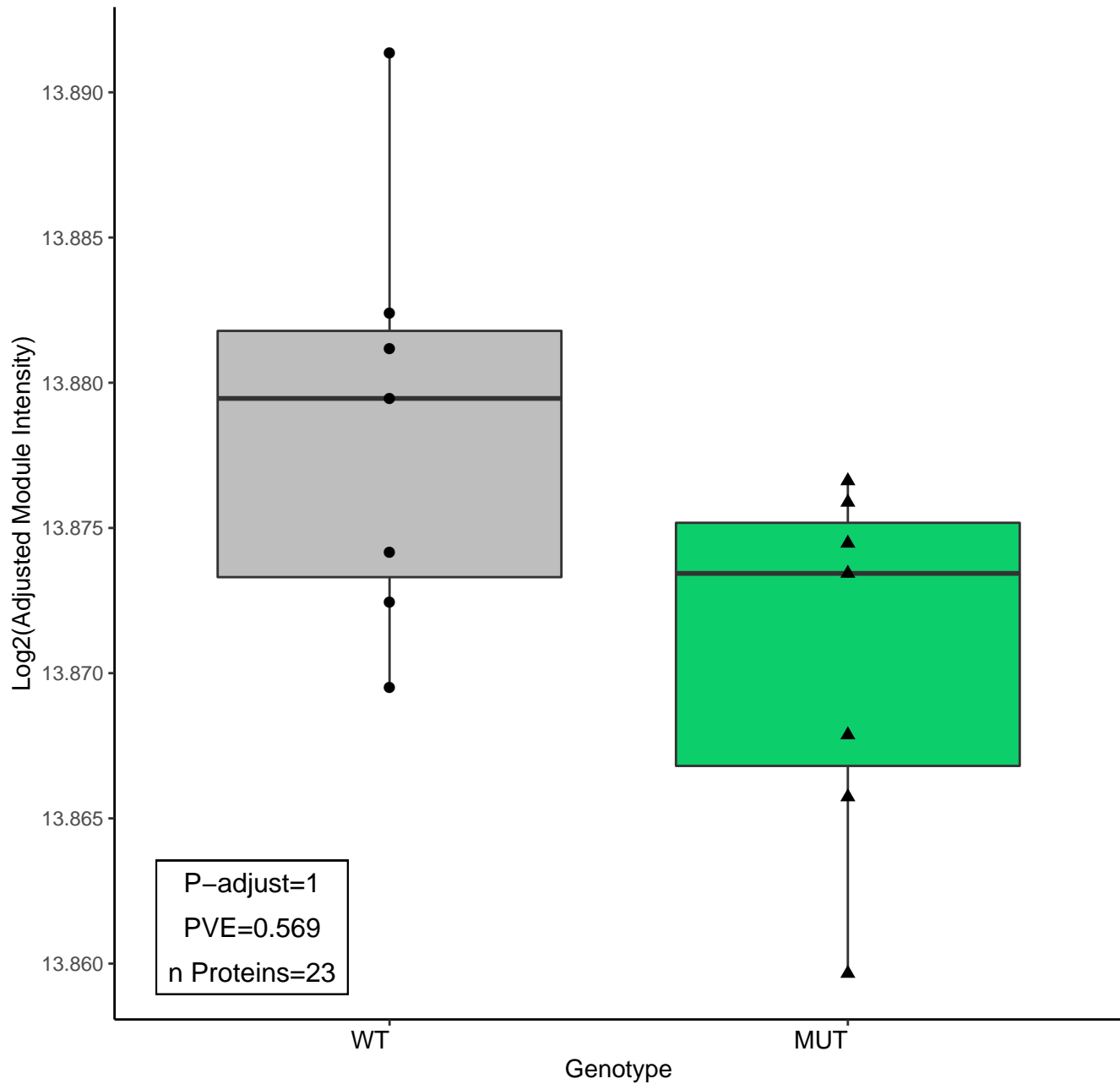
MUT

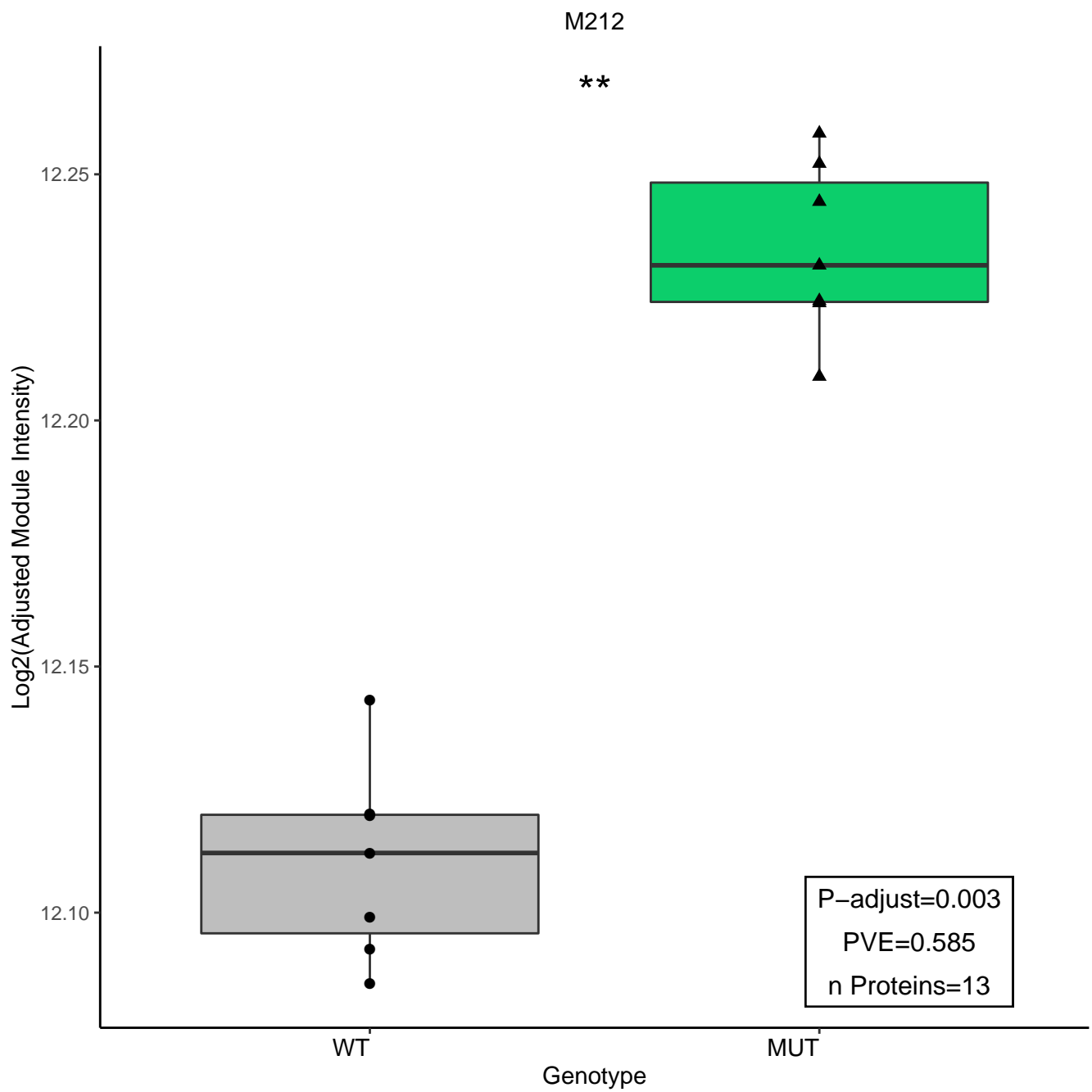


M210



M211





M213

Log2(Adjusted Module Intensity)

13.05

13.00

12.95

WT

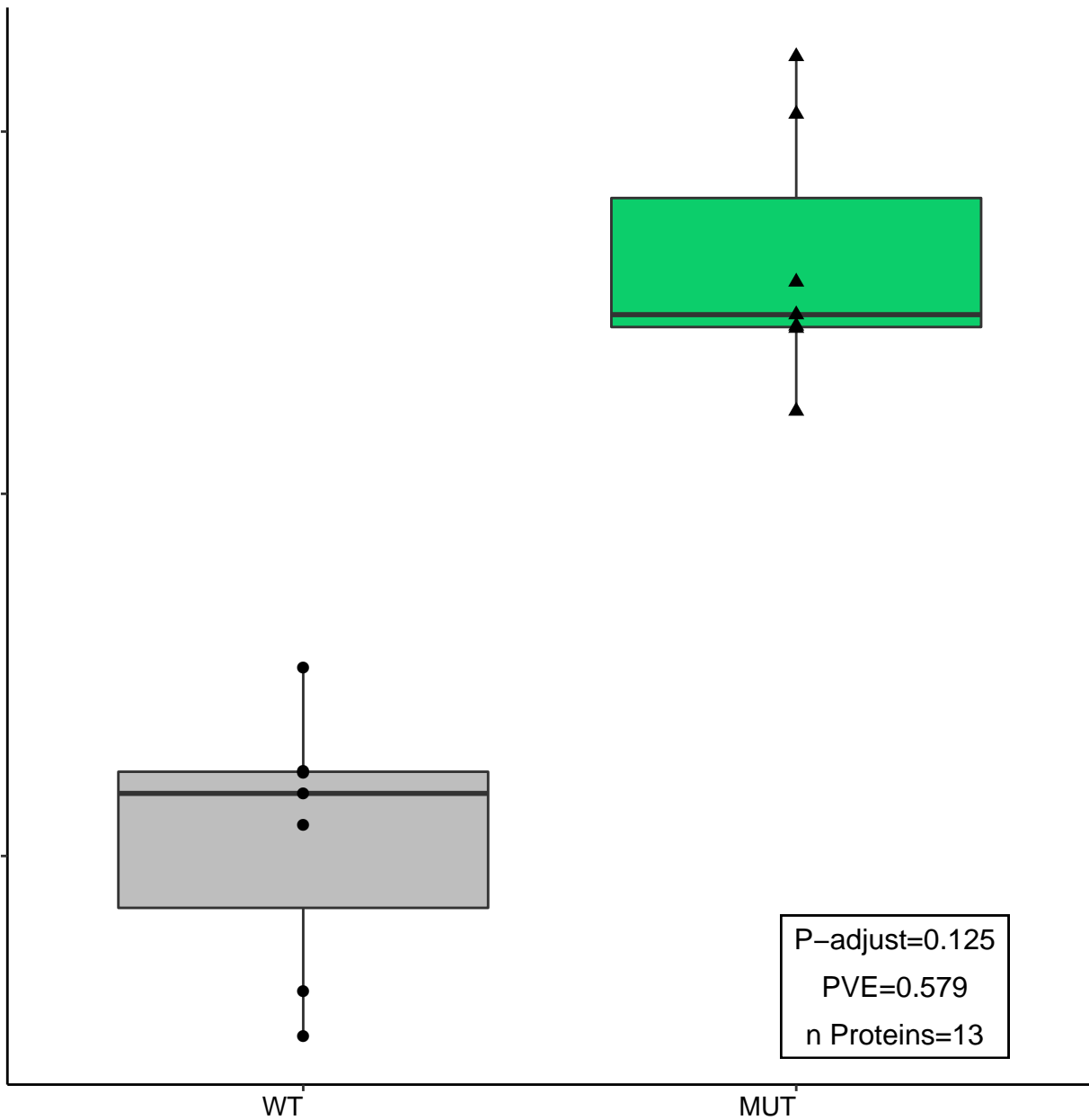
MUT

Genotype

P-adjust=0.125

PVE=0.579

n Proteins=13



M214

Log2(Adjusted Module Intensity)

10.90

10.88

10.86

10.84

WT

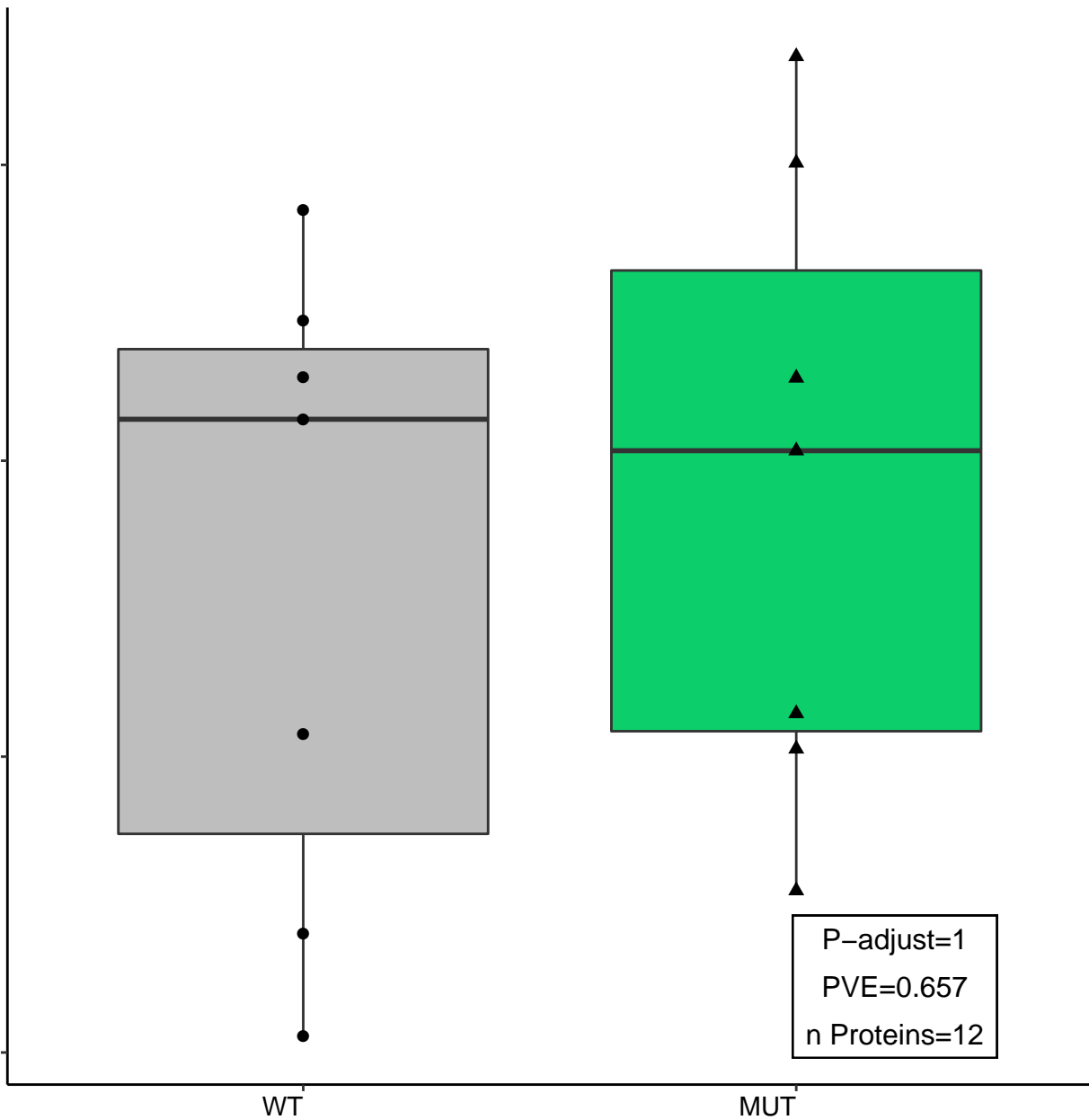
Genotype

MUT

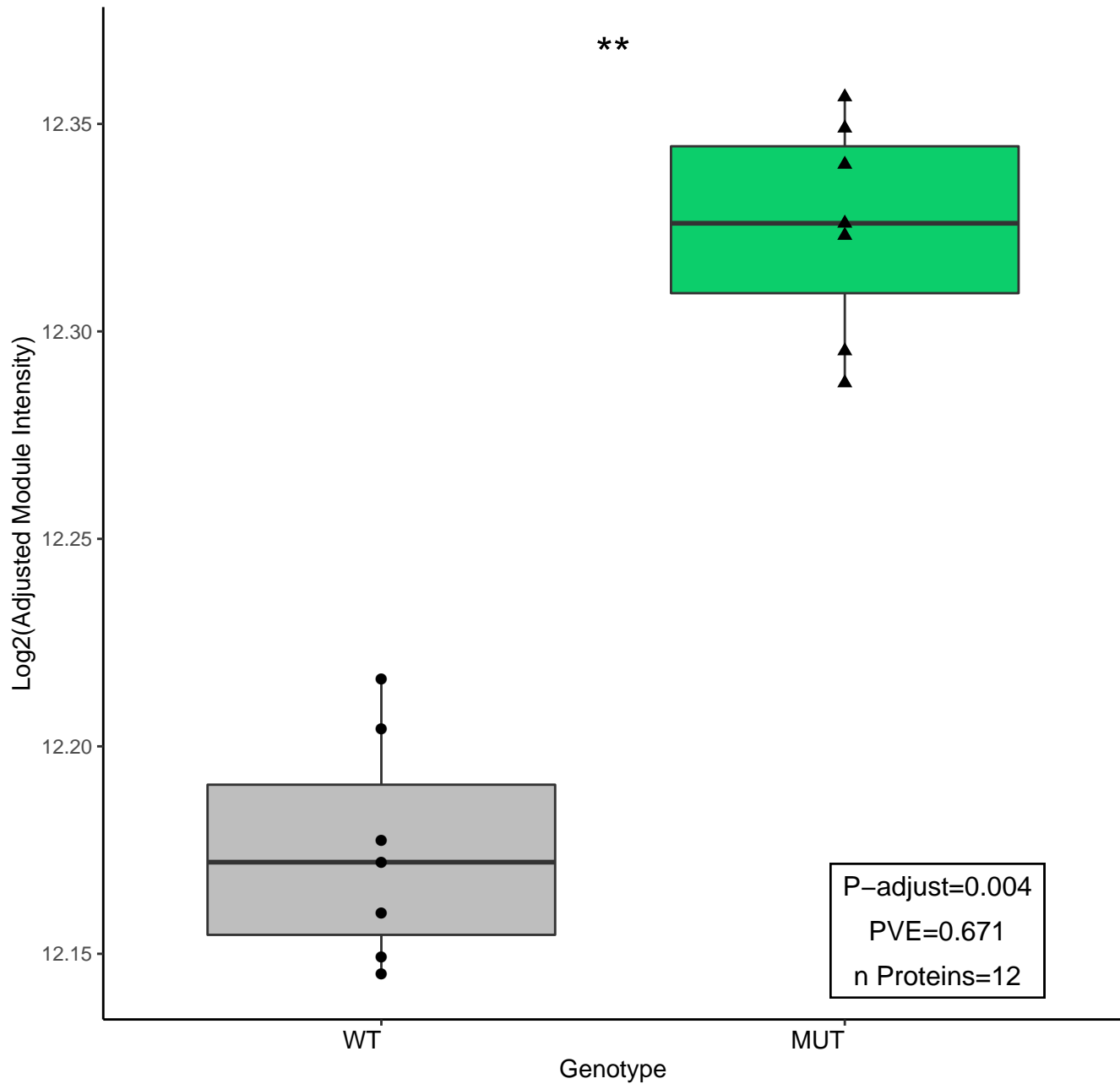
P-adjust=1

PVE=0.657

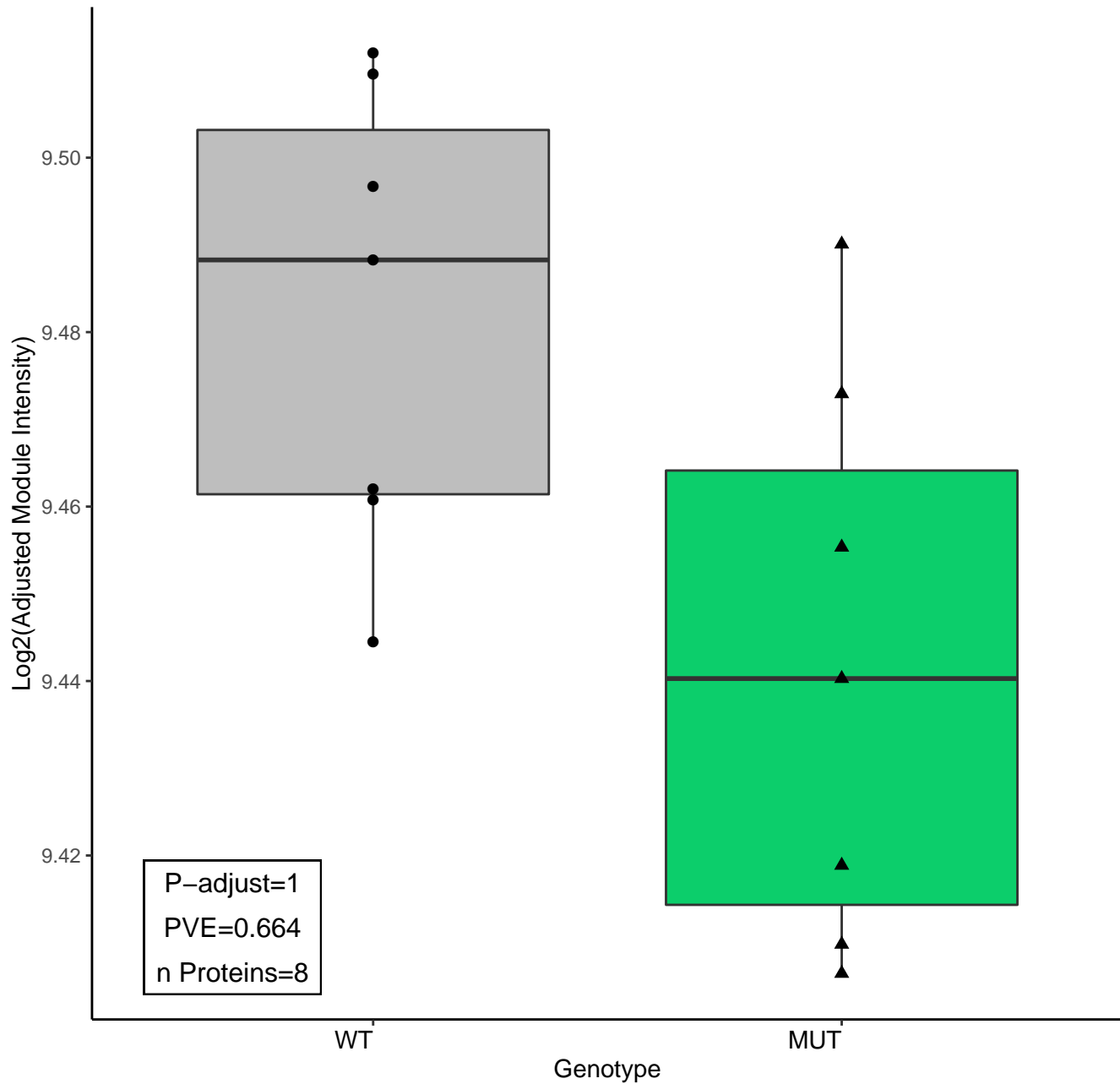
n Proteins=12



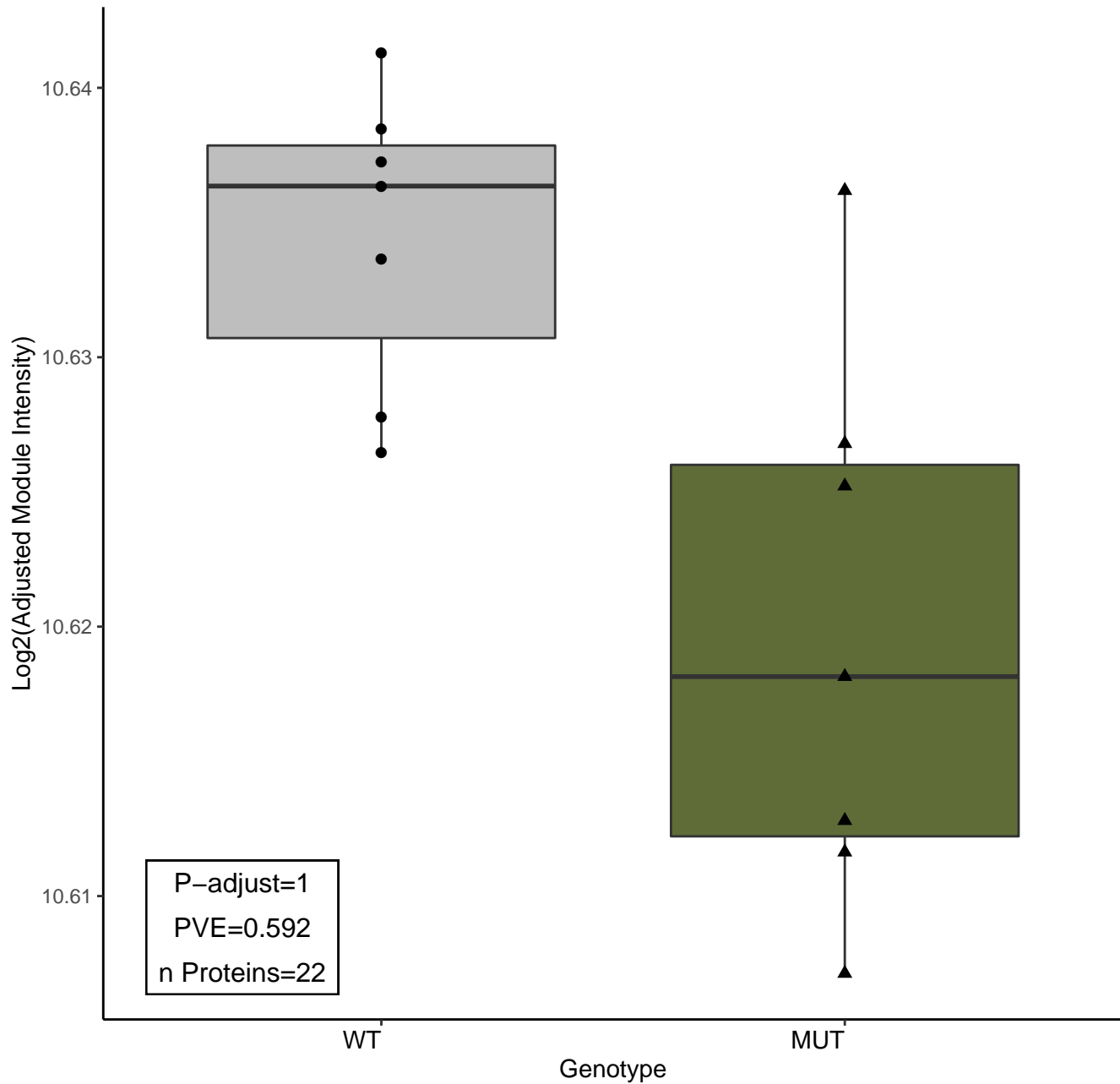
M215



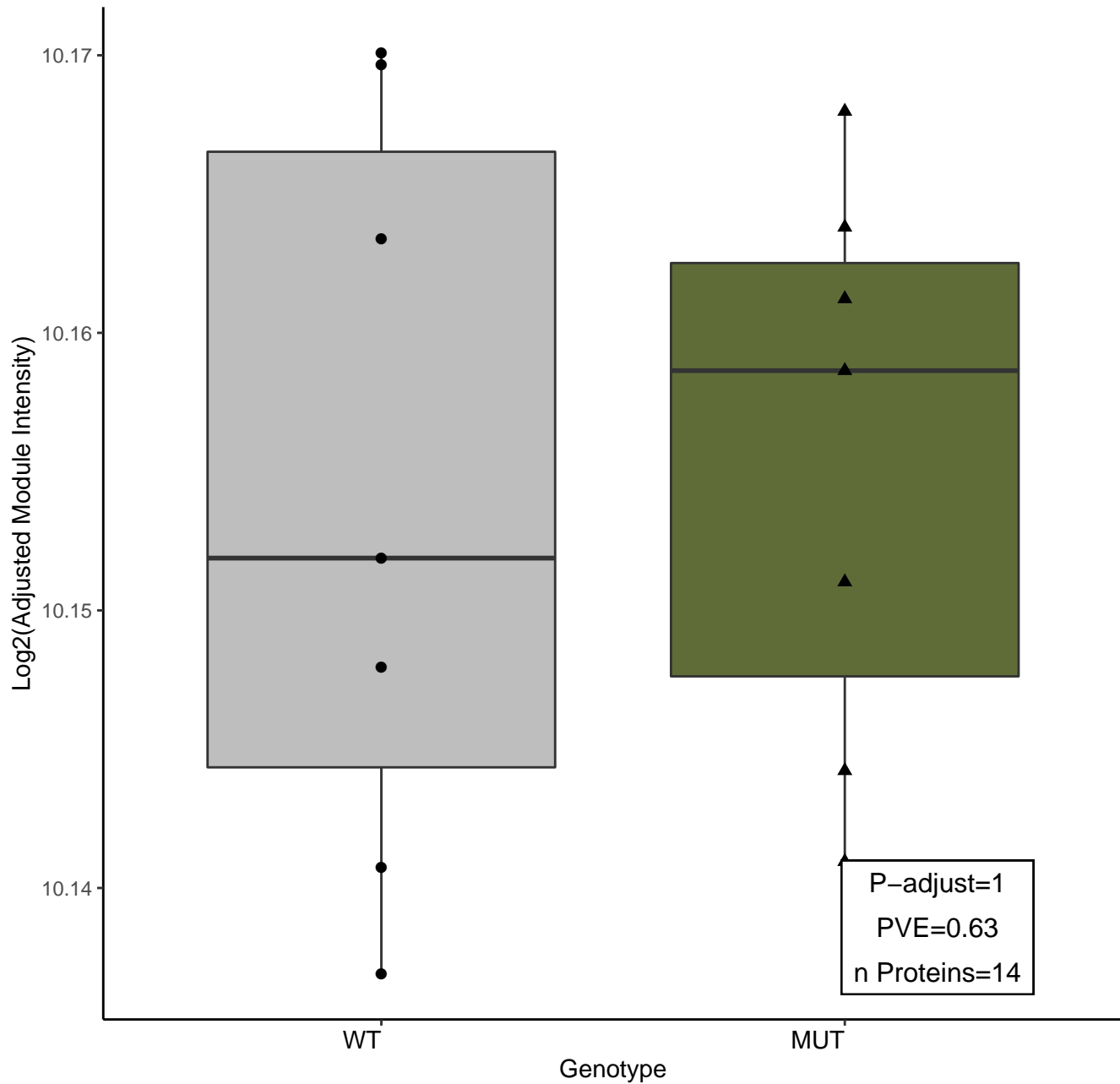
M216



M217



M218



M219

Log2(Adjusted Module Intensity)

10.31

10.30

10.29

10.28

WT

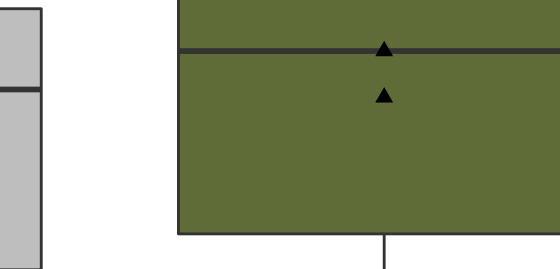
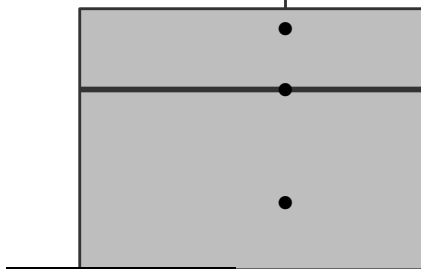
MUT

Genotype

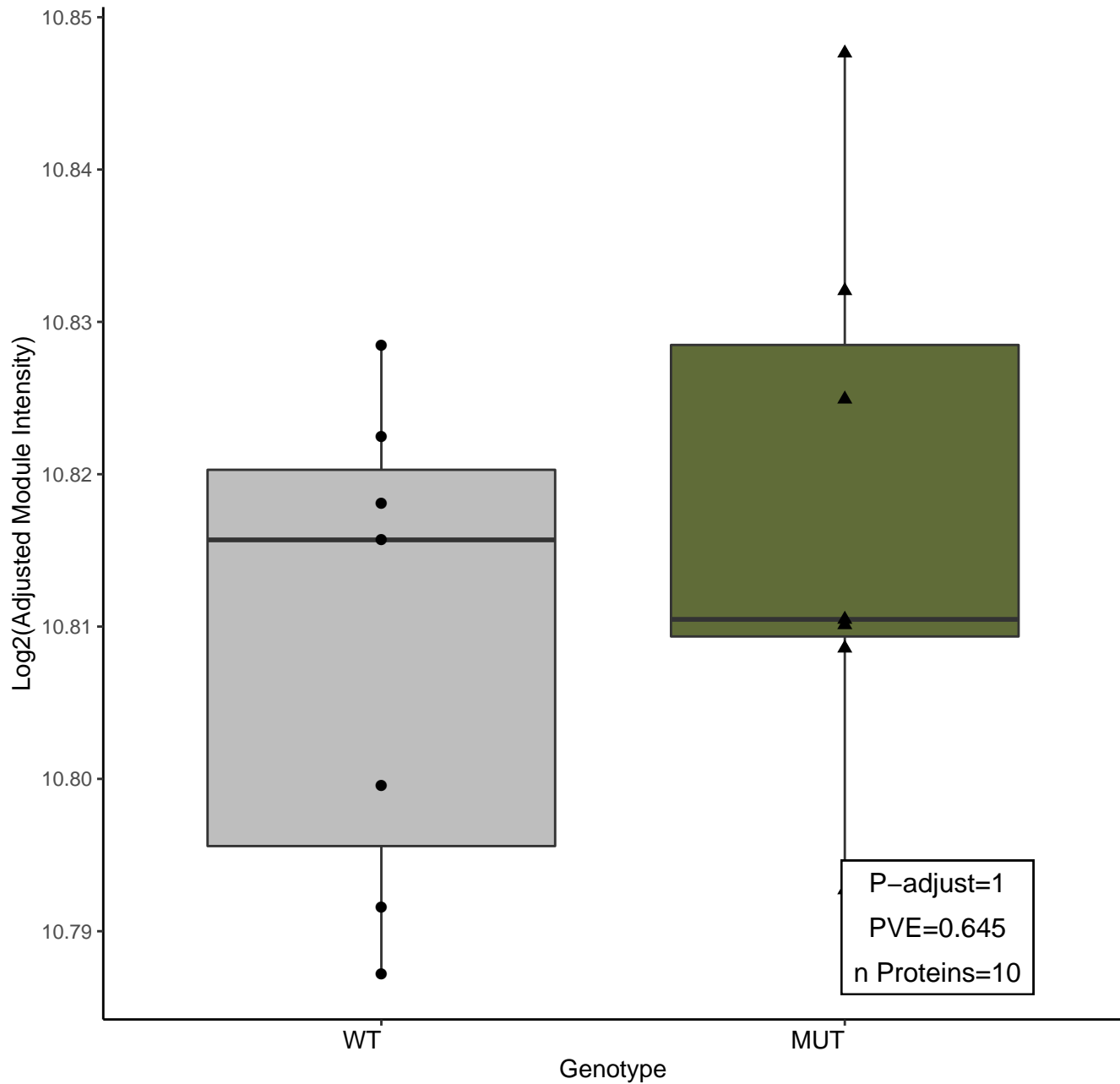
P-adjust=1

PVE=0.63

n Proteins=12



M220



M221

Log2(Adjusted Module Intensity)

9.02

9.00

8.98

8.96

WT

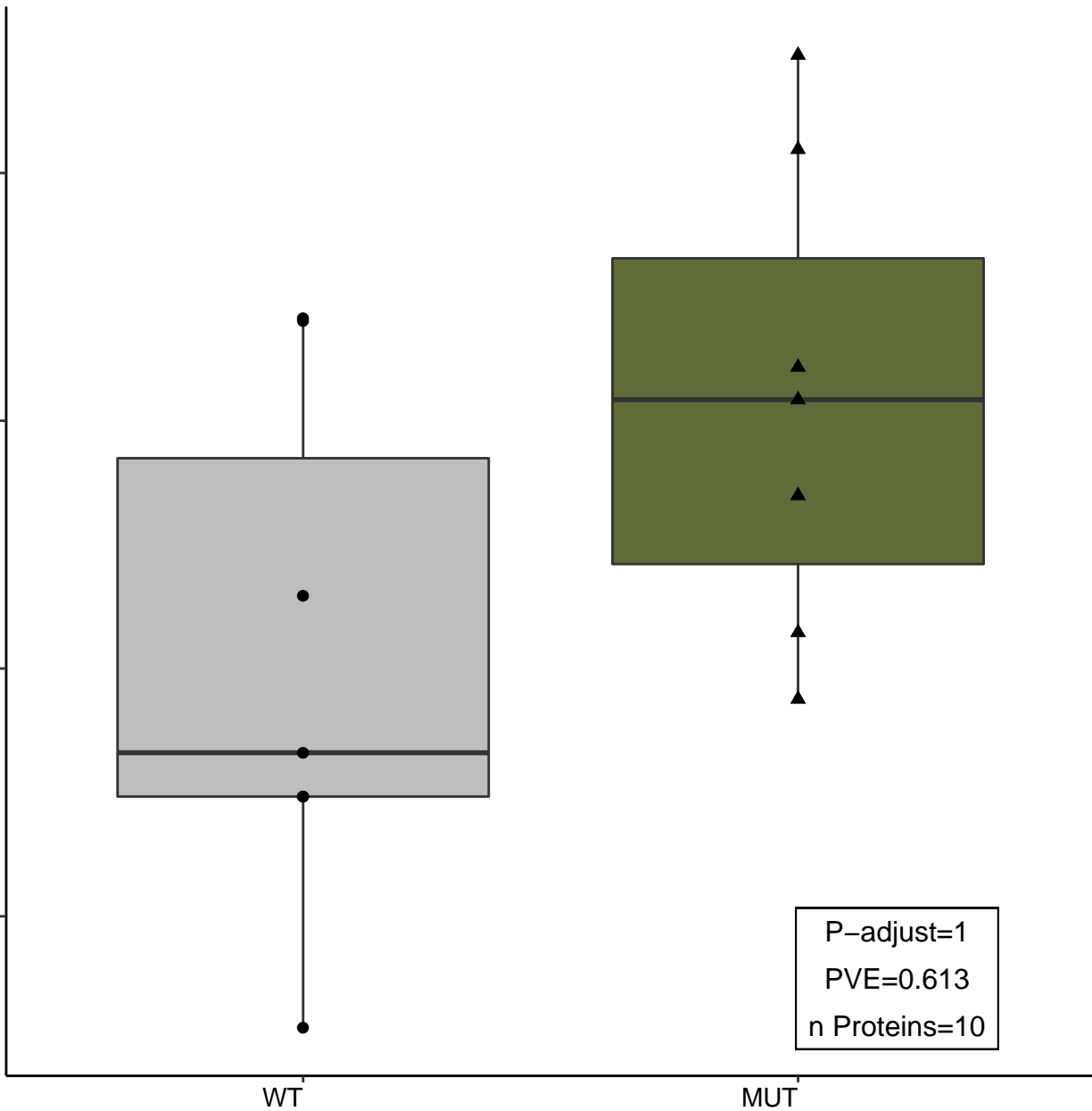
Genotype

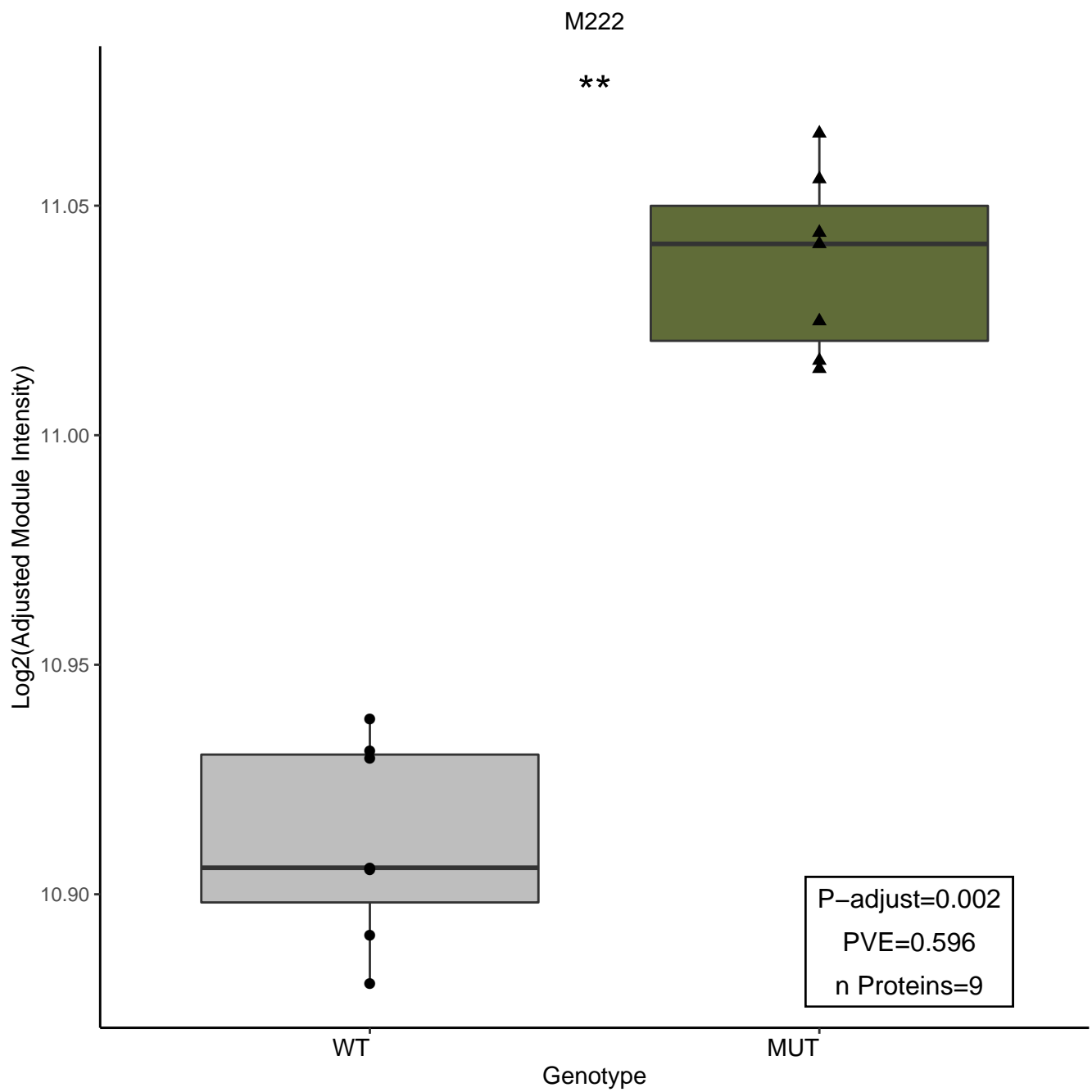
MUT

P-adjust=1

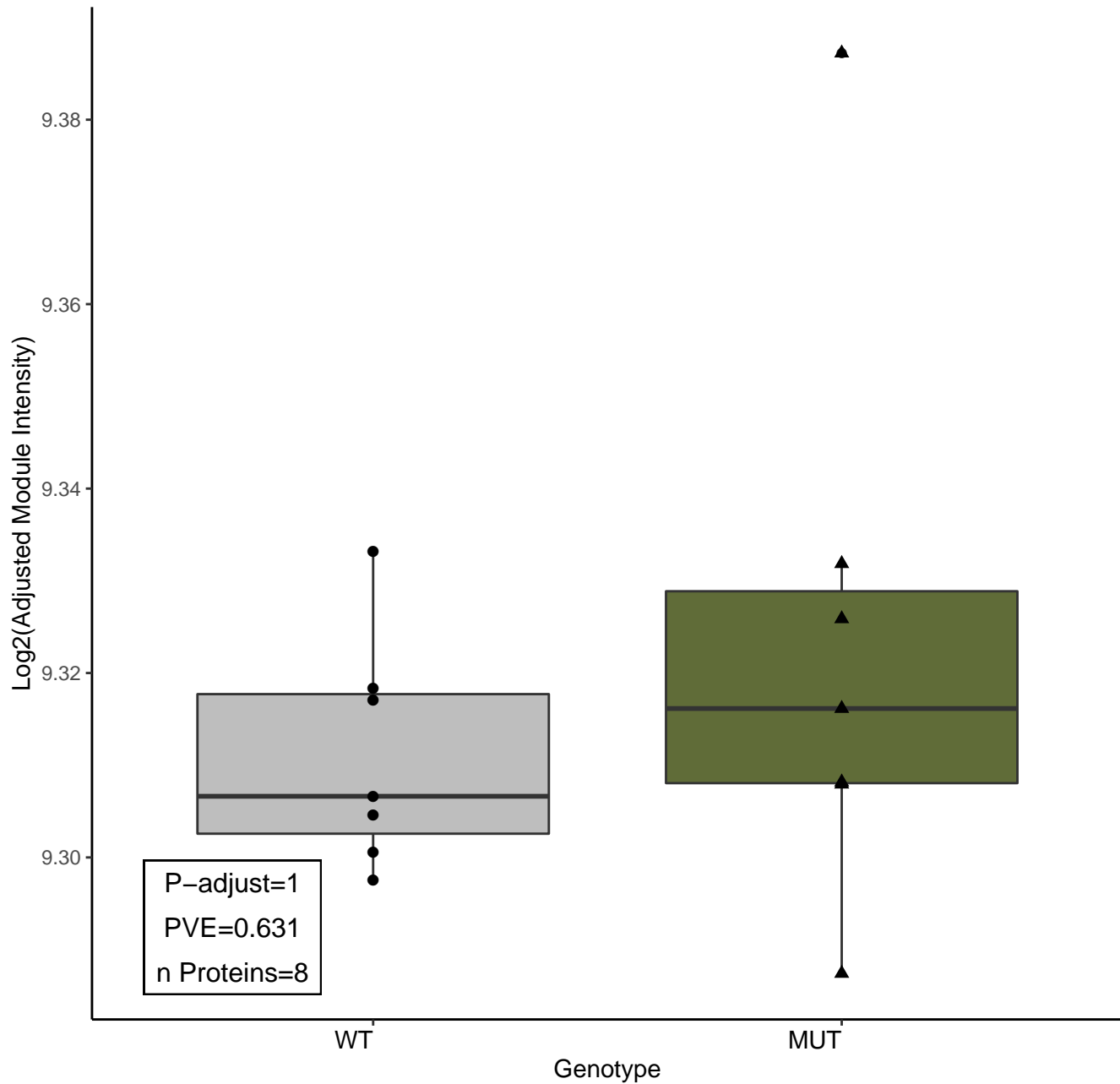
PVE=0.613

n Proteins=10

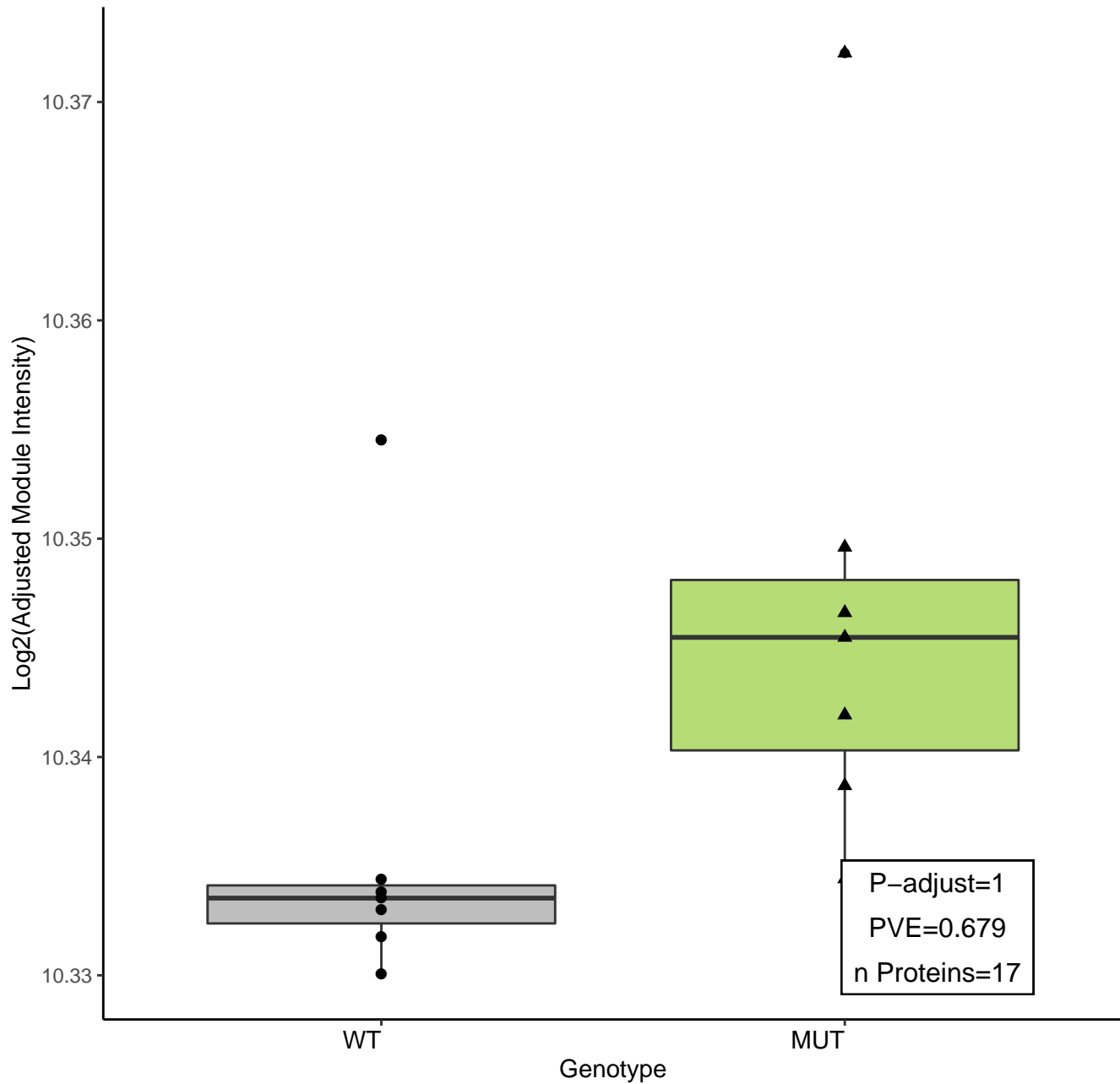




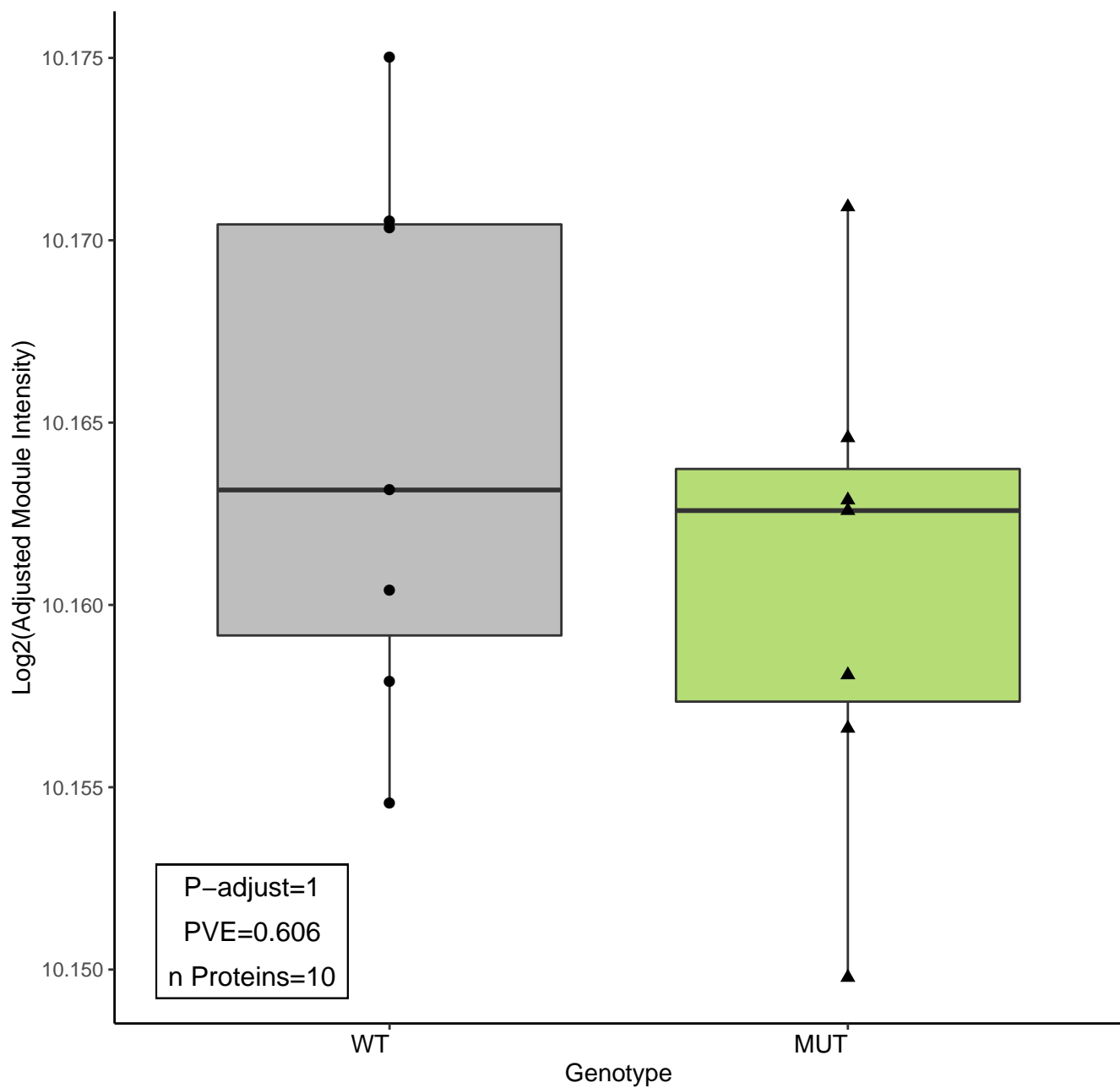
M223



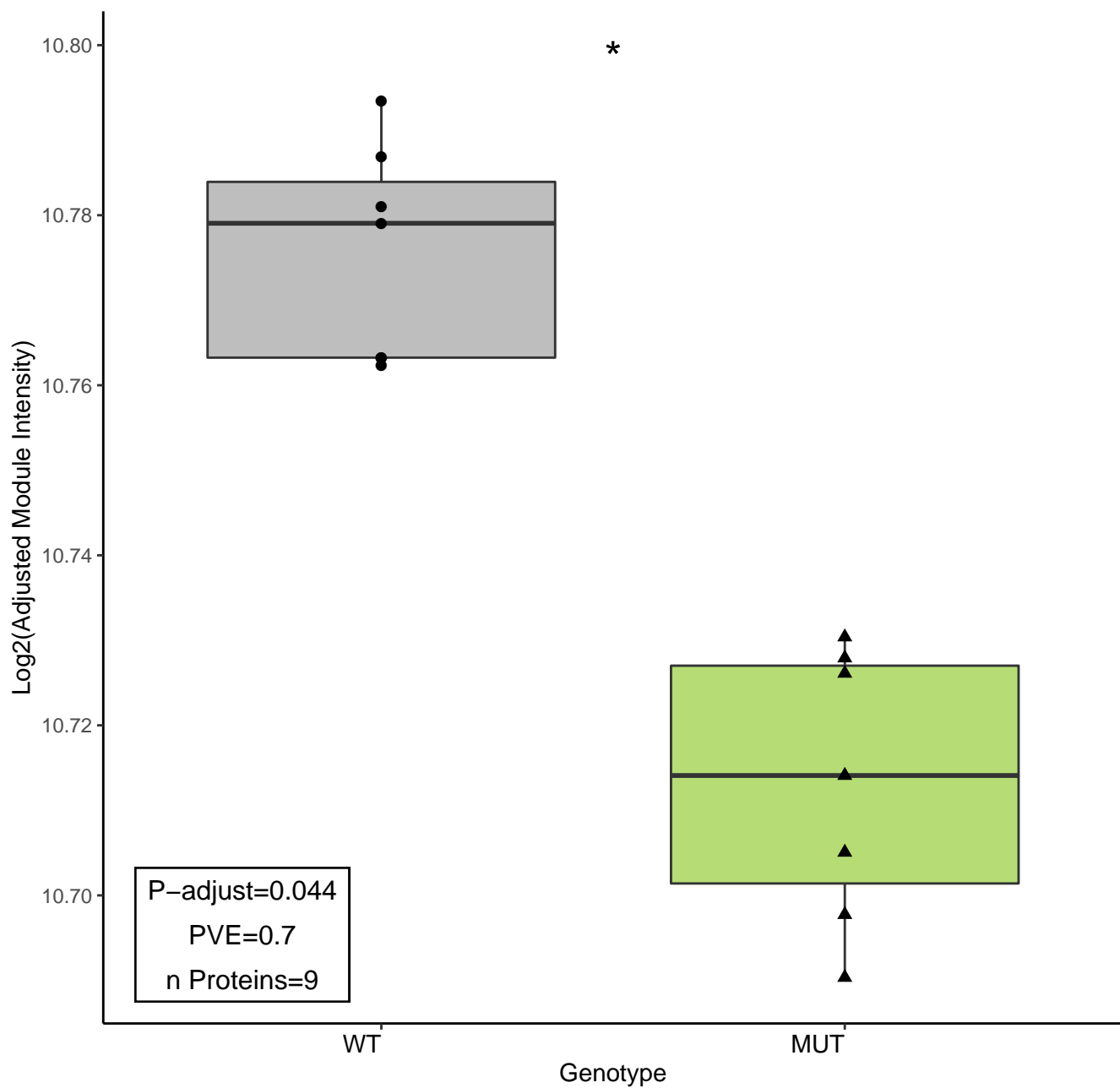
M224

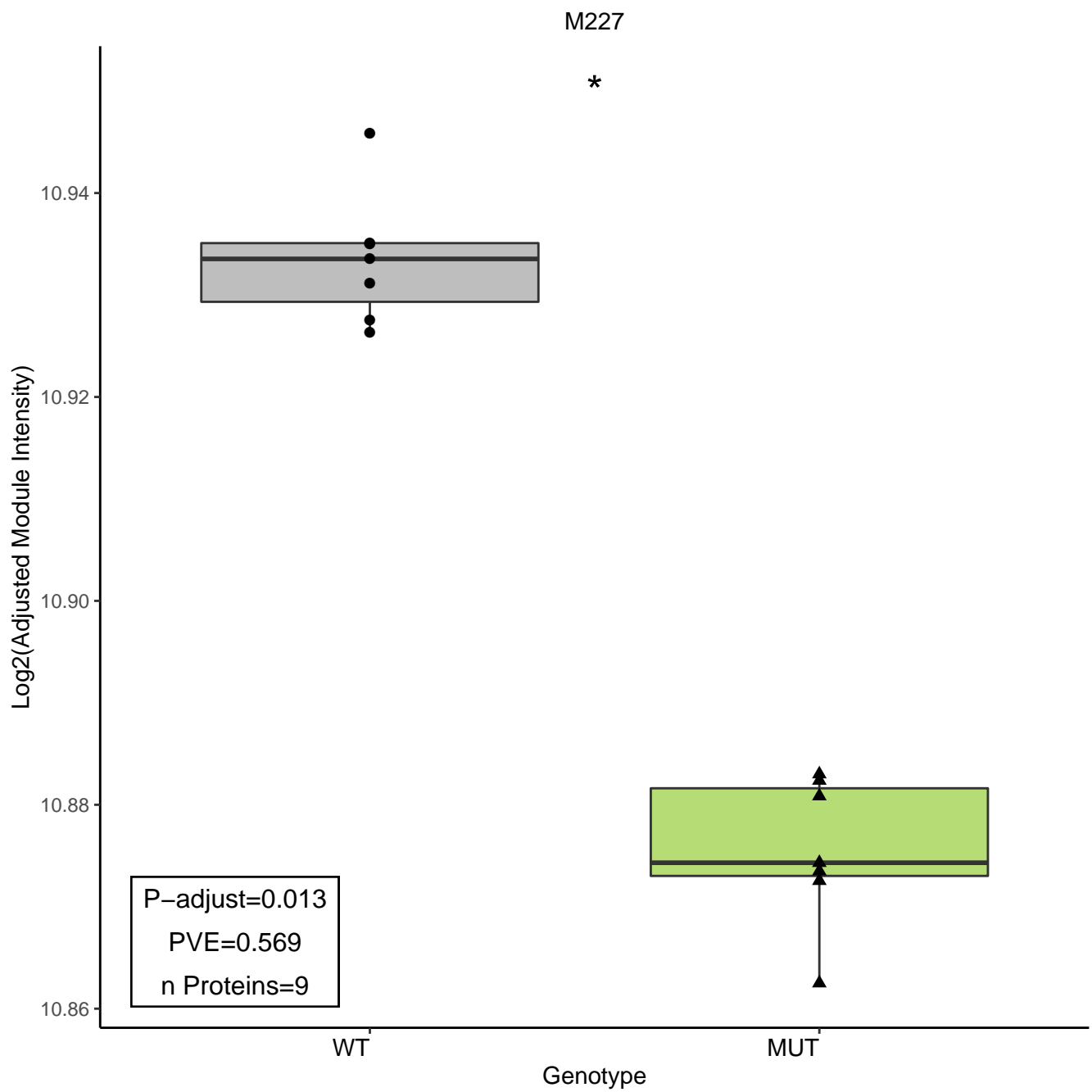


M225

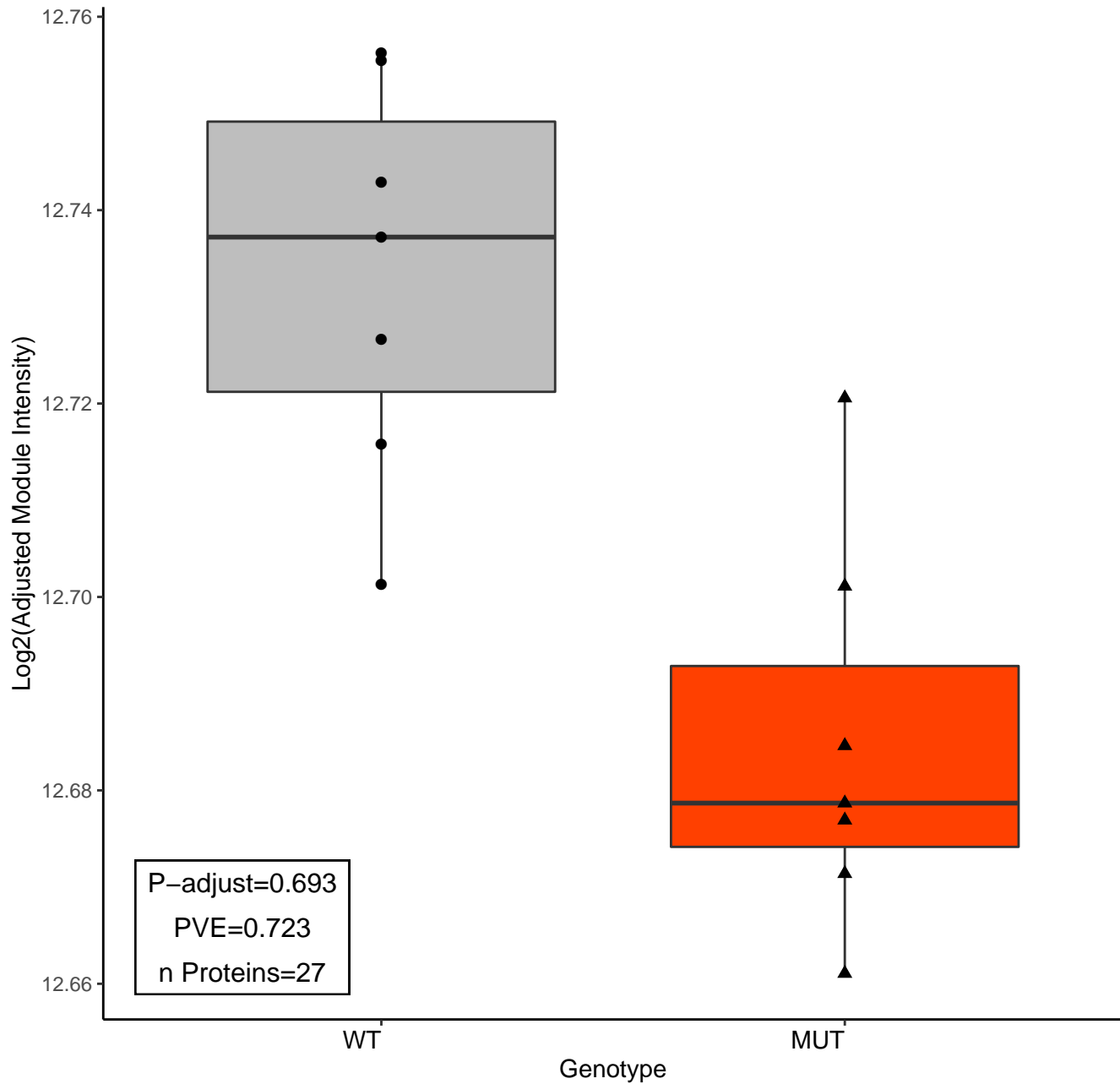


M226





M228



M229

Log2(Adjusted Module Intensity)

13.06
13.04
13.02
13.00

WT

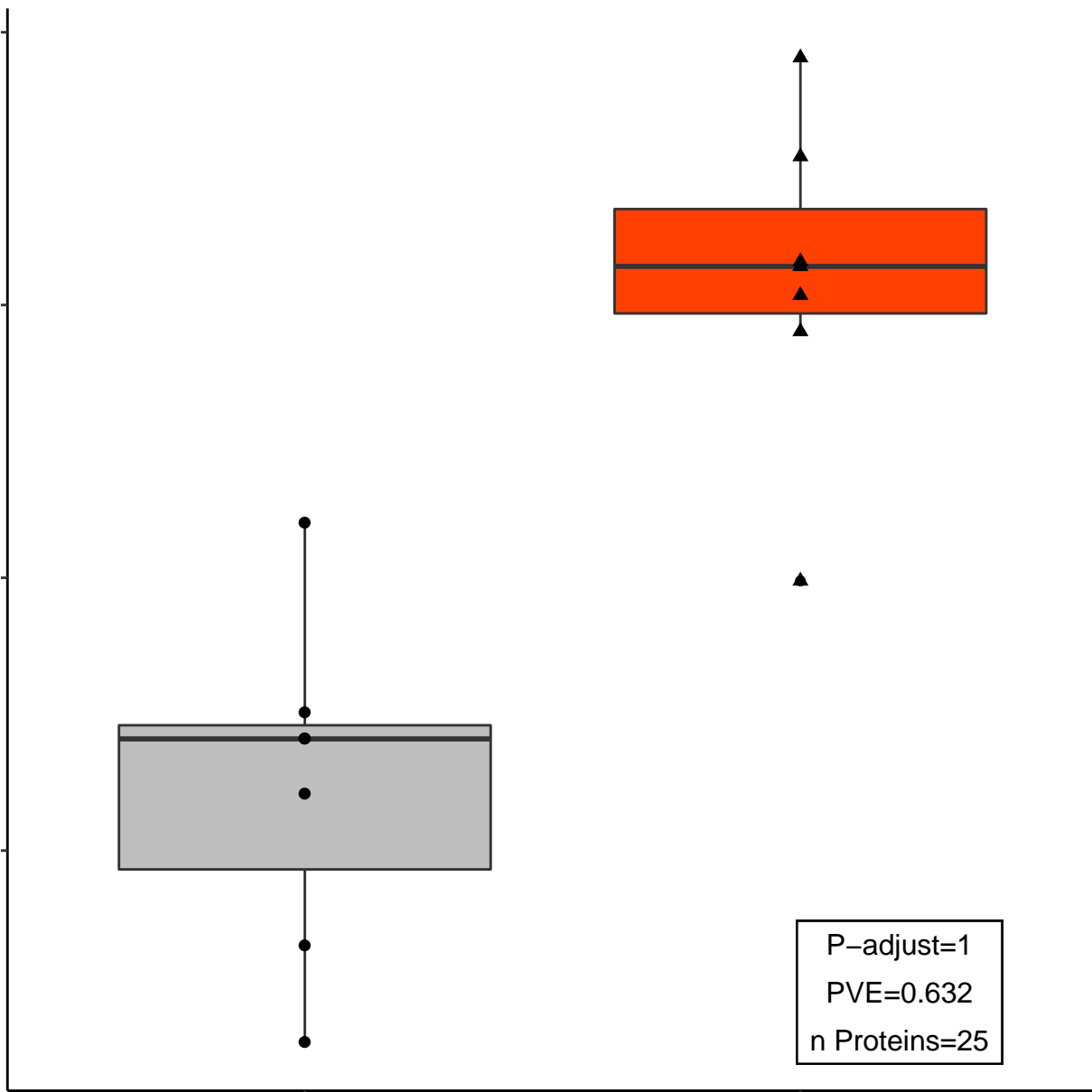
Genotype

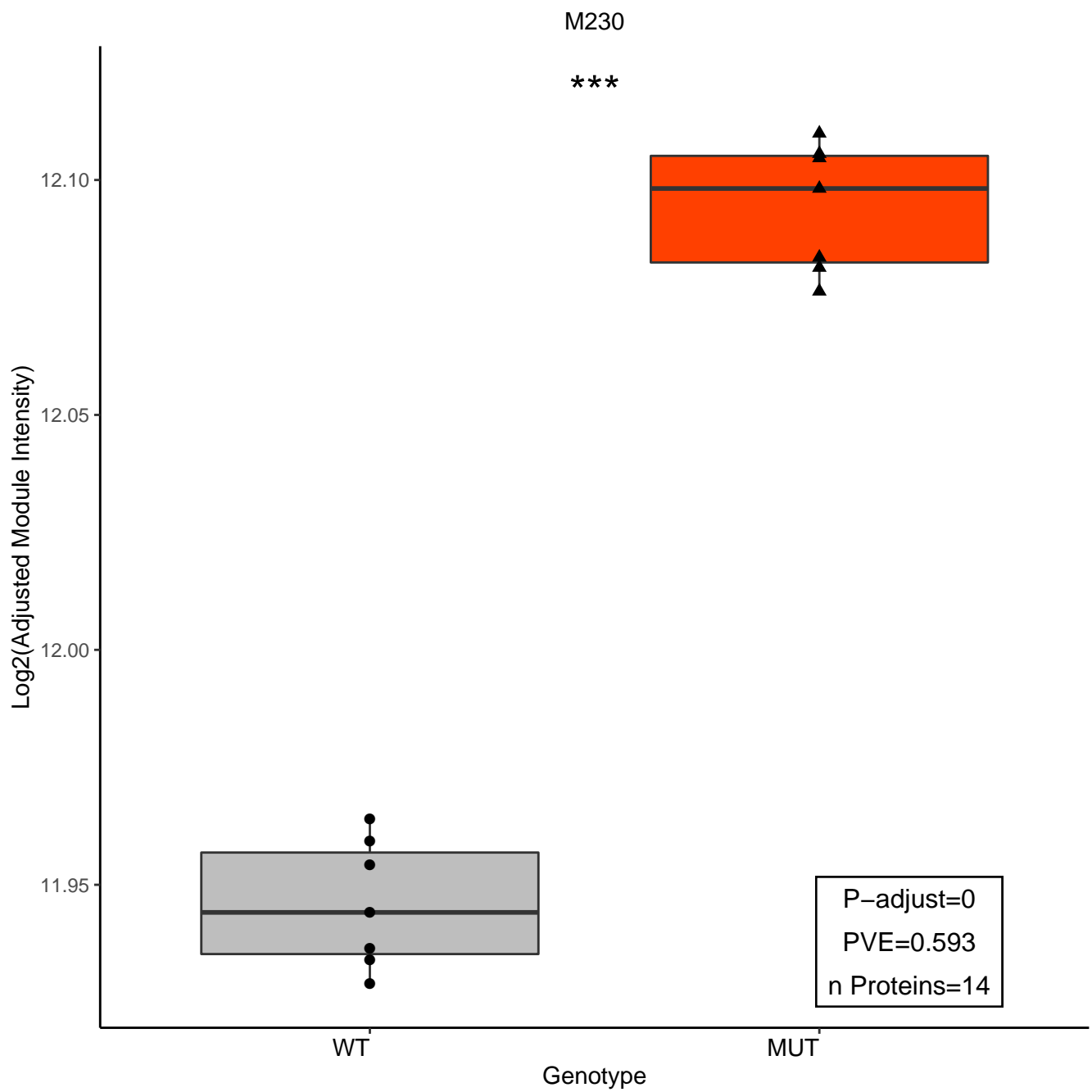
MUT

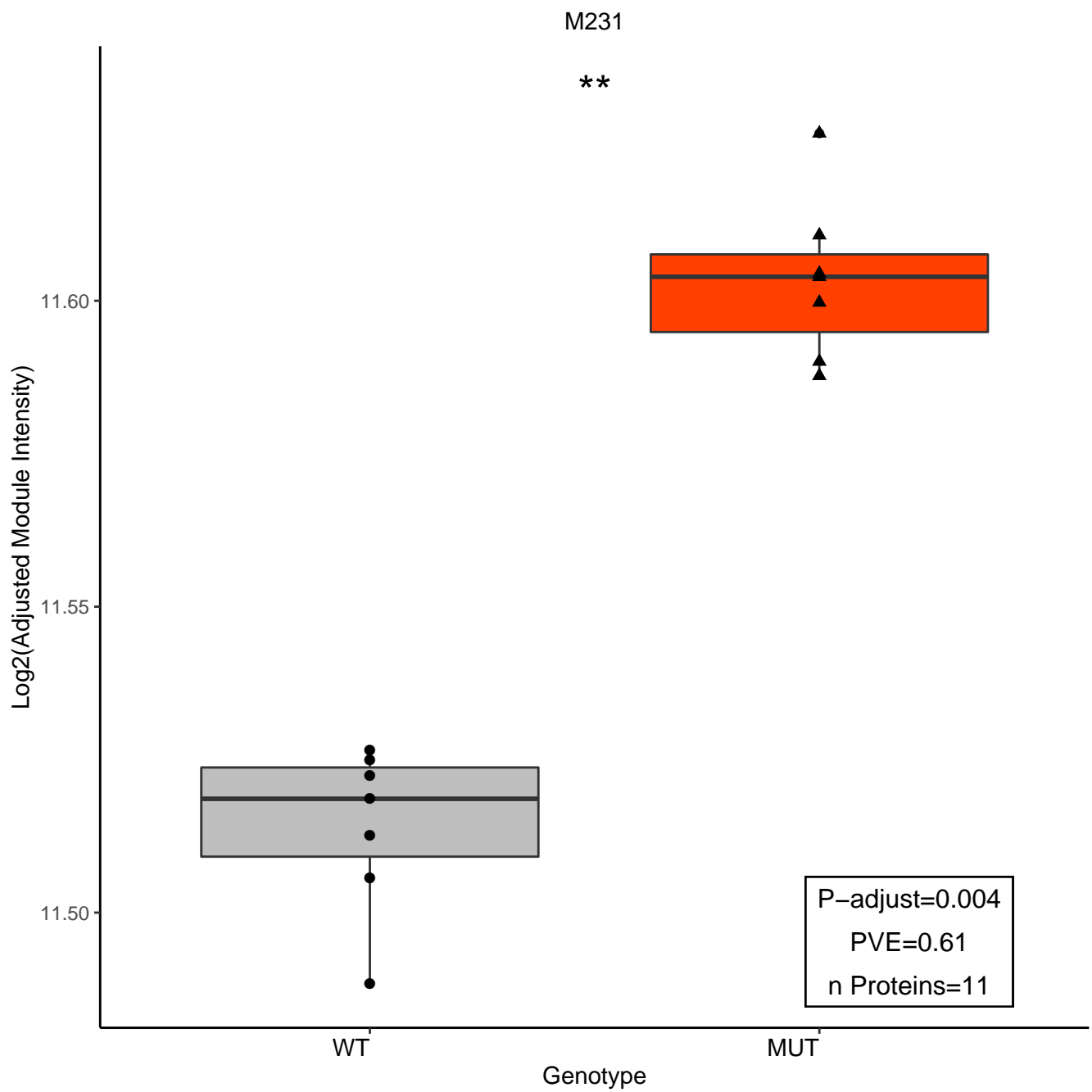
P-adjust=1

PVE=0.632

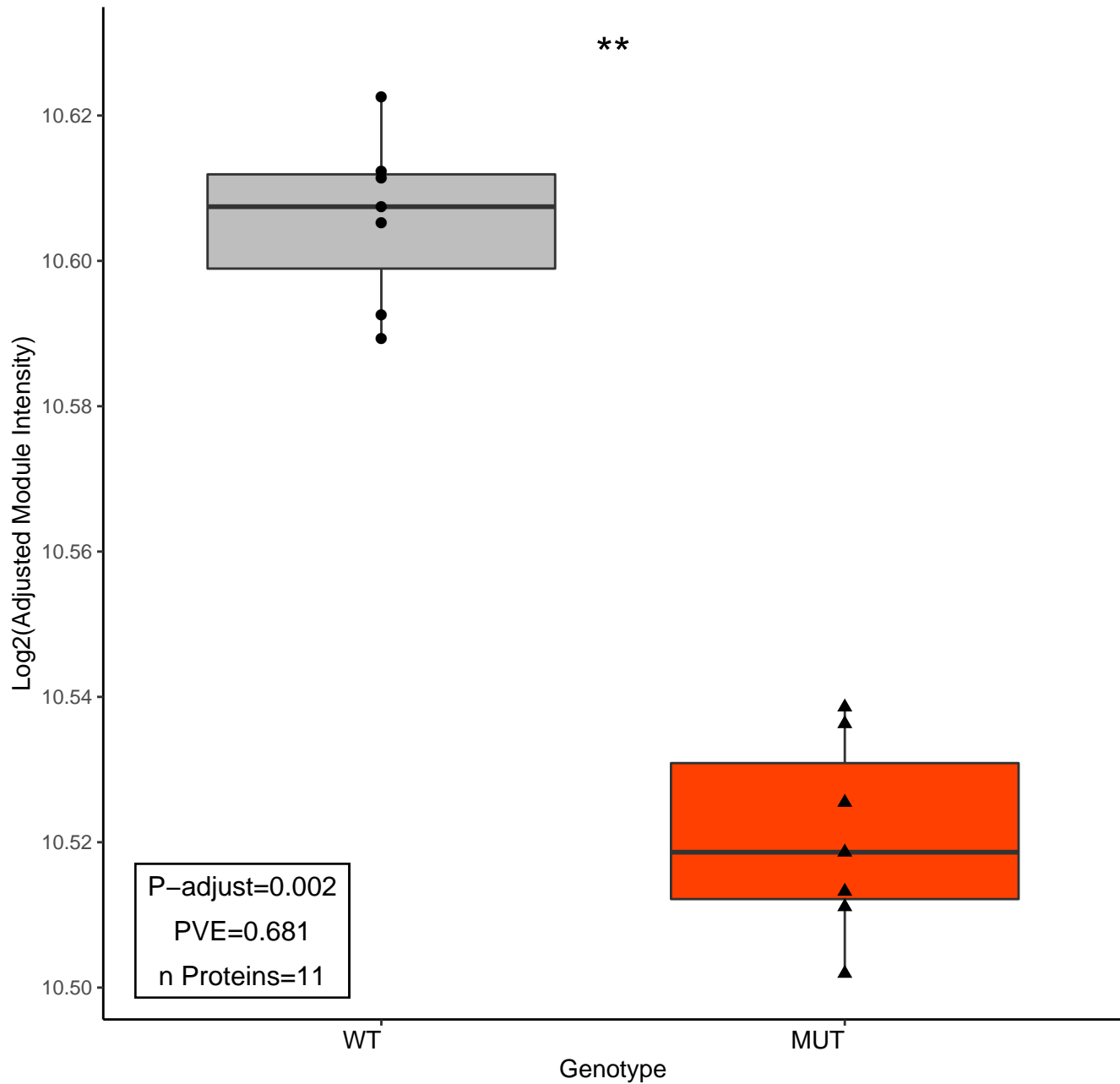
n Proteins=25



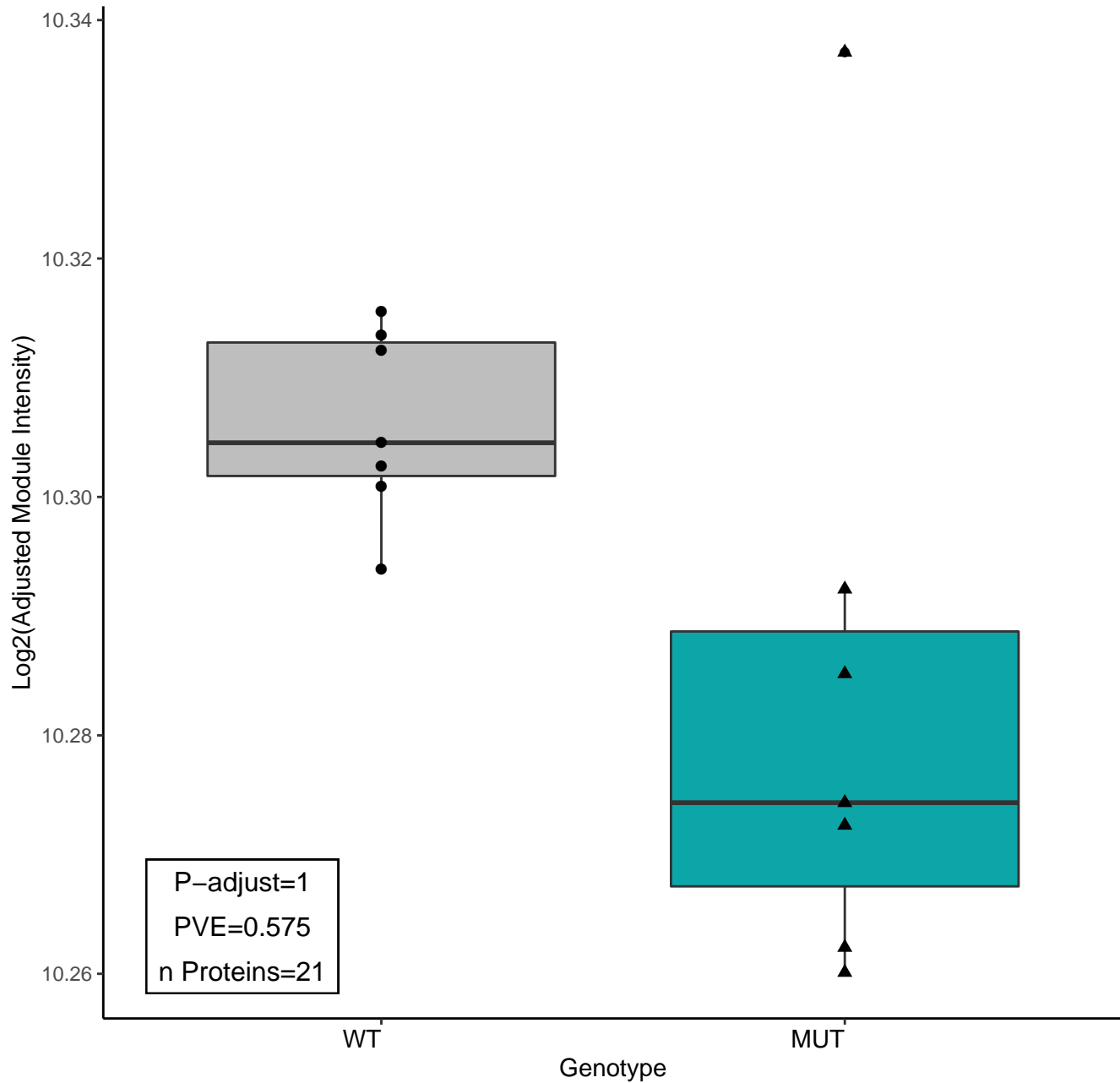


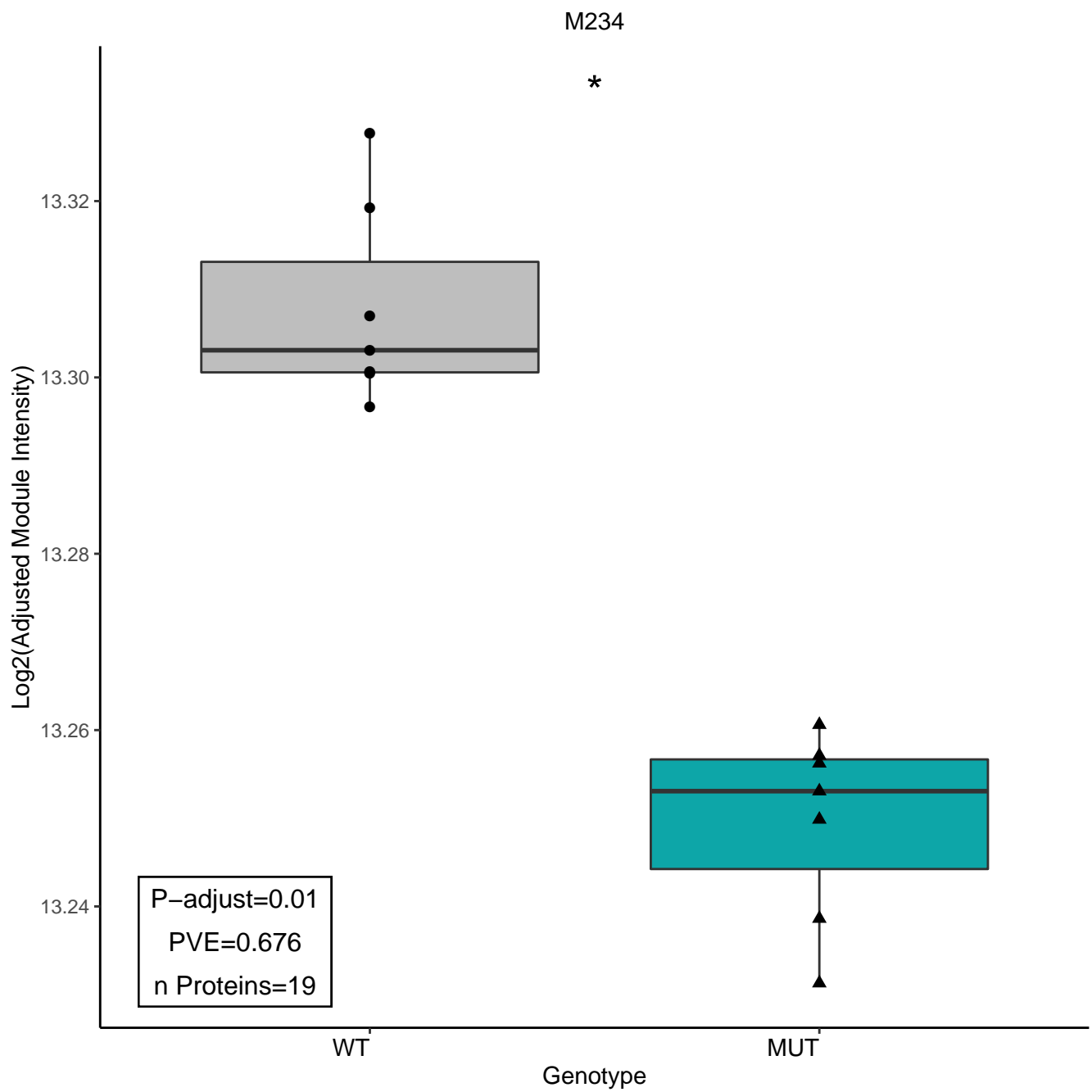


M232

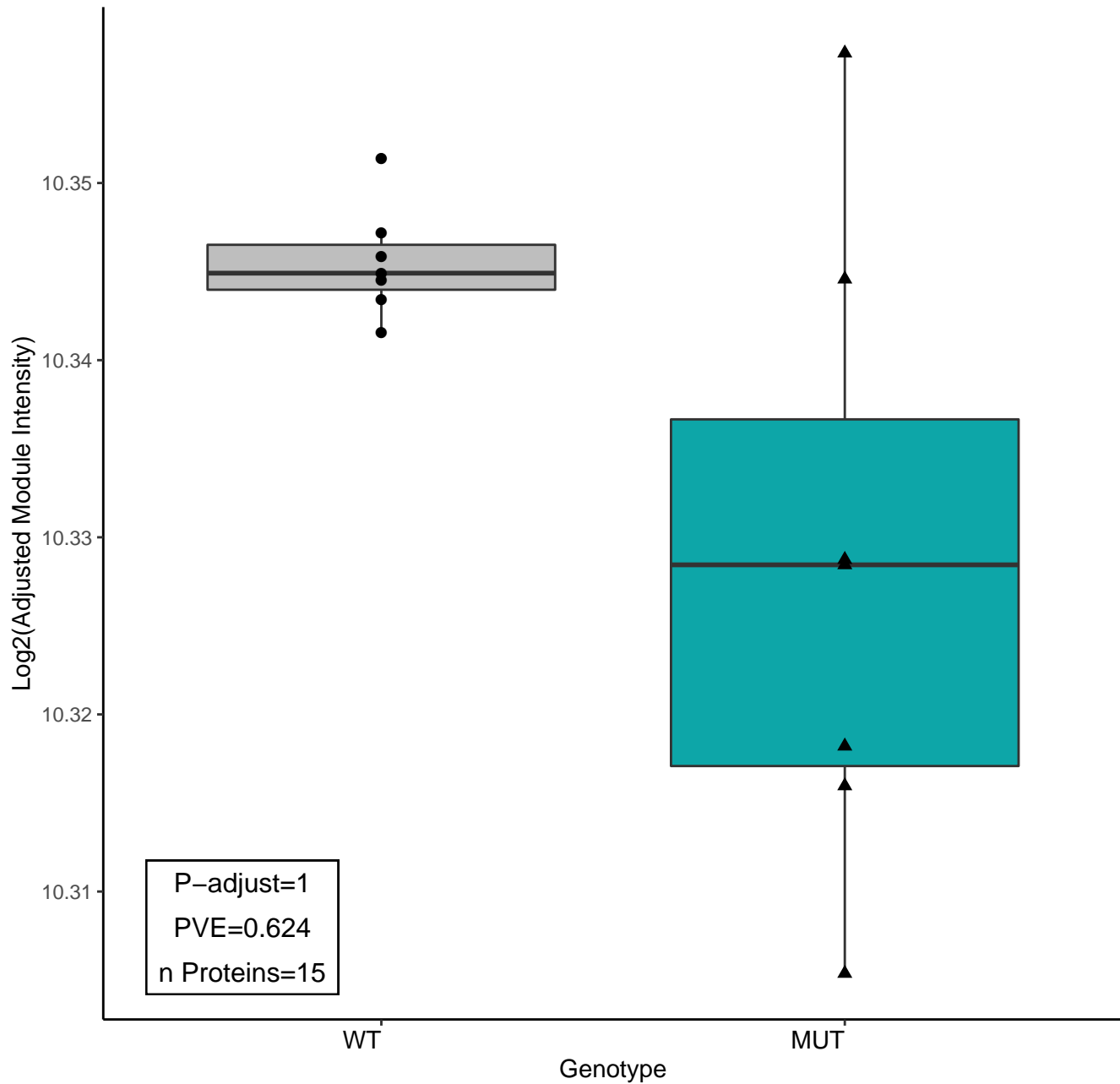


M233

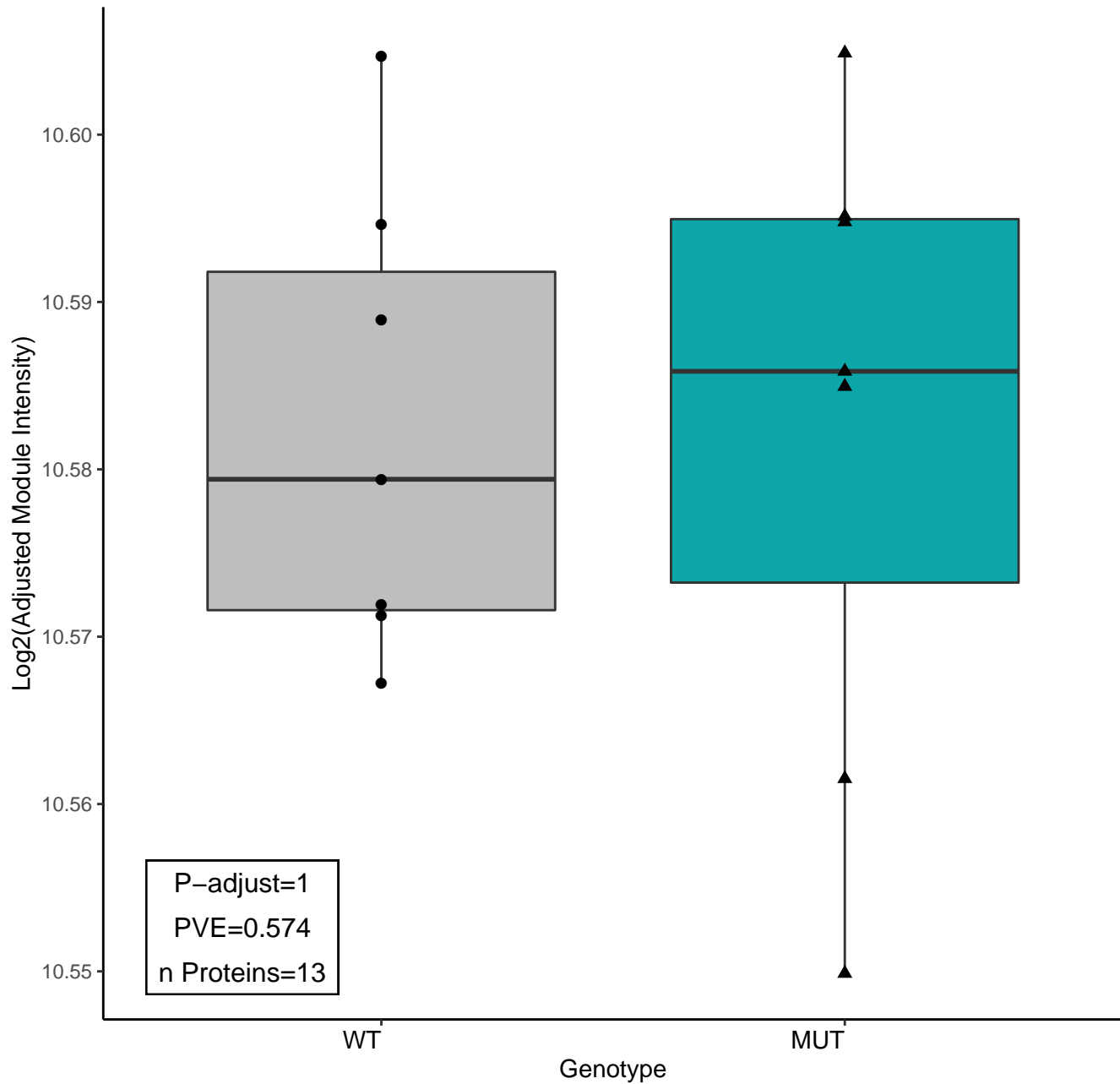




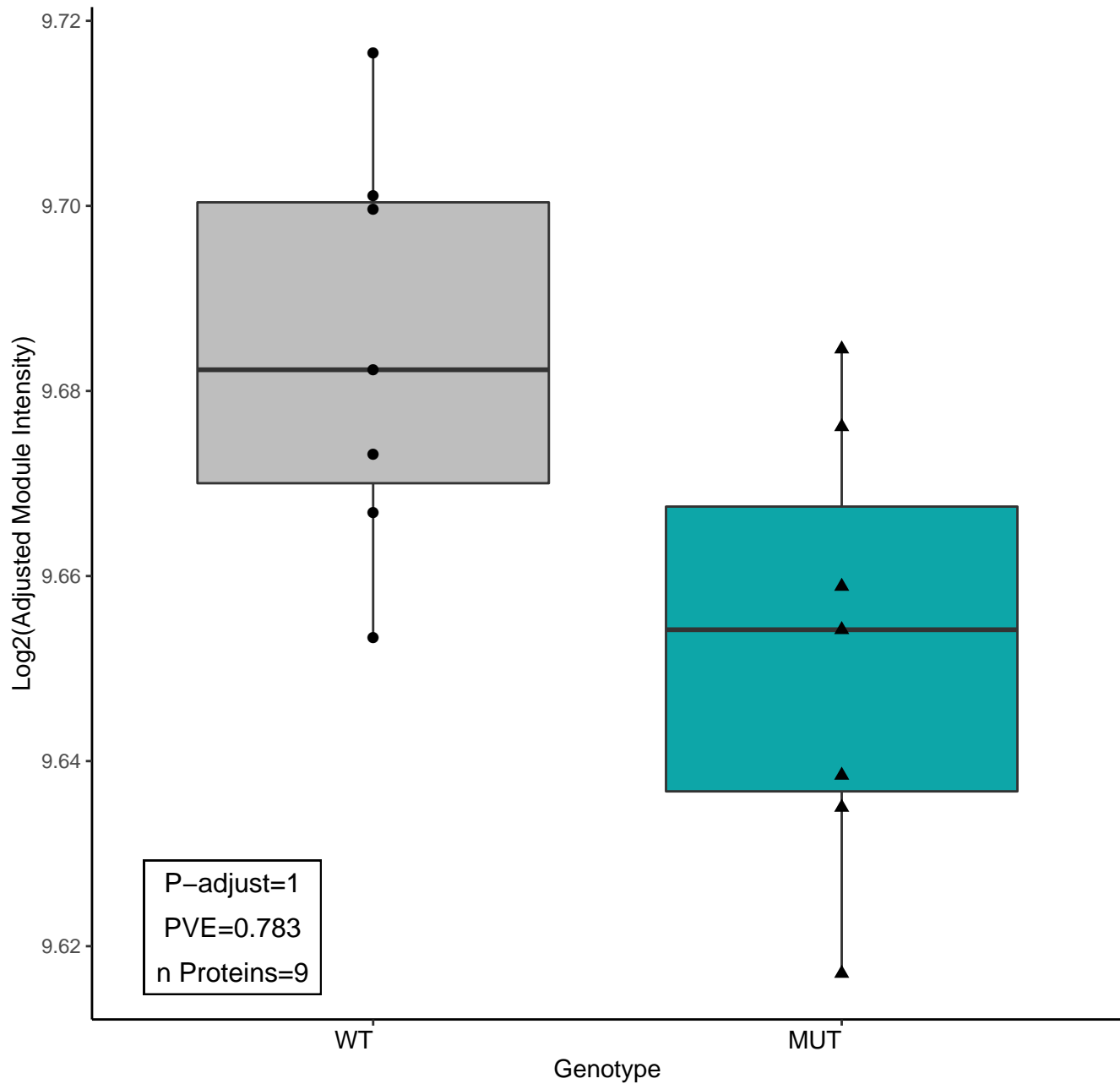
M235

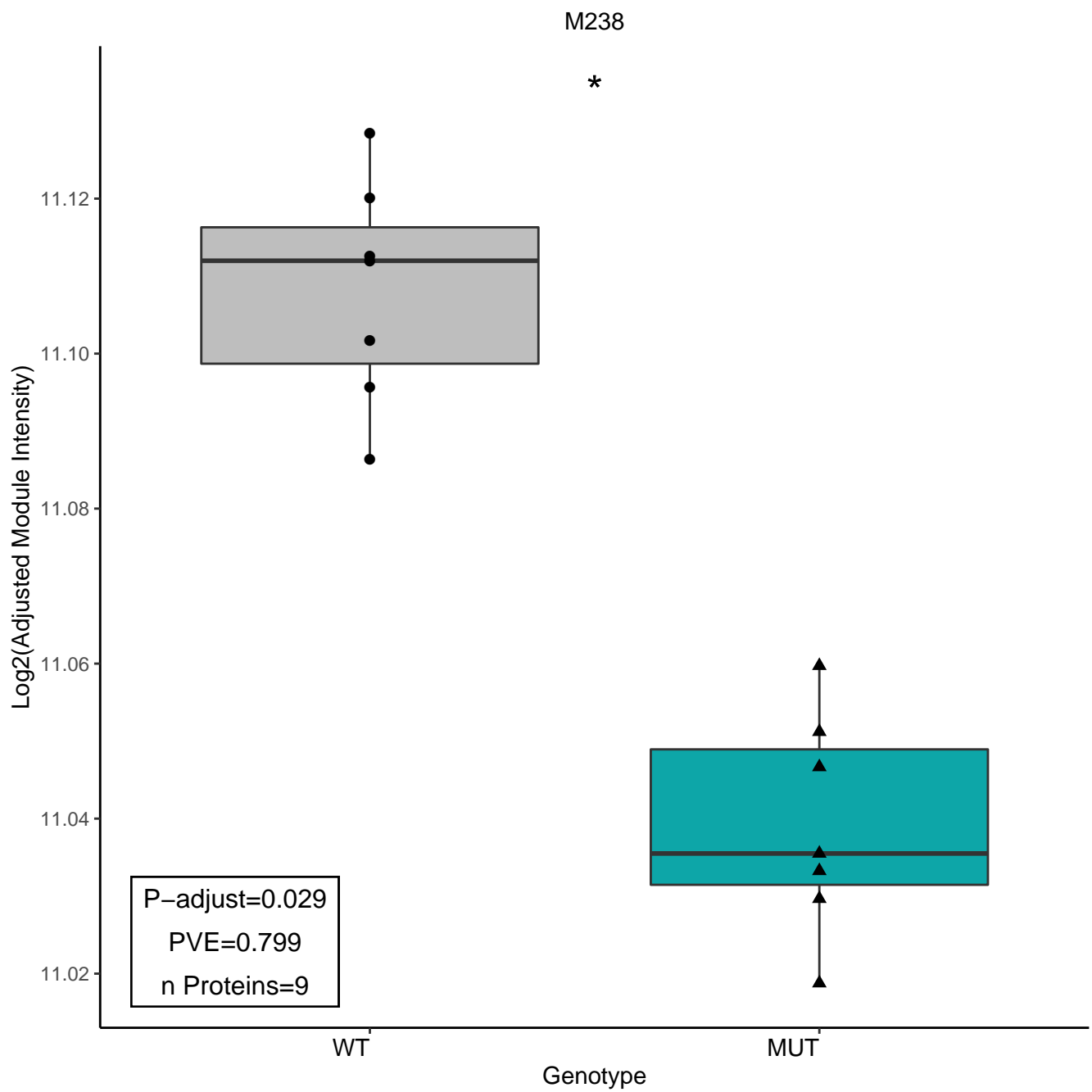


M236

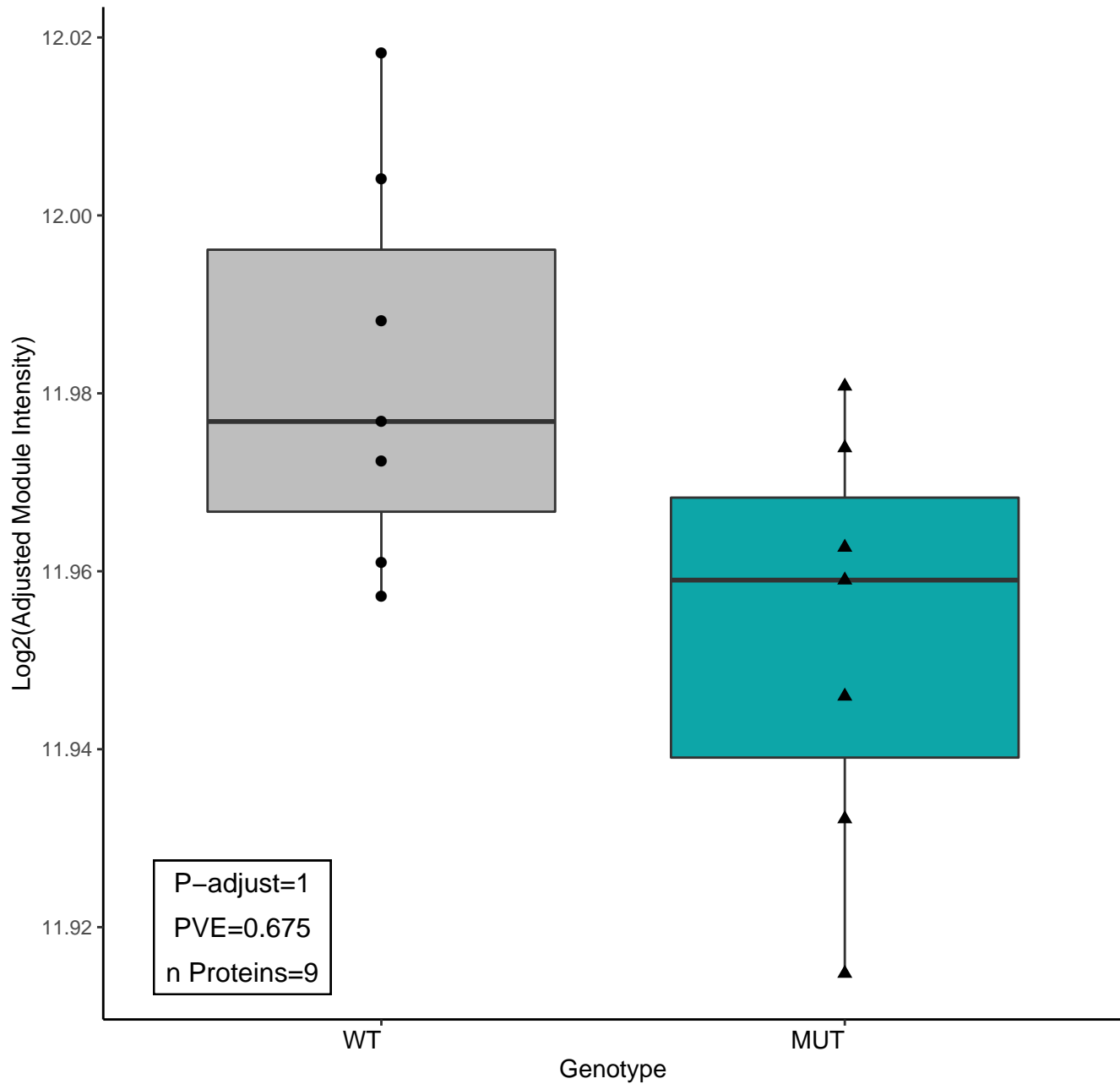


M237





M239



M240

Log2(Adjusted Module Intensity)

11.50

11.48

11.46

11.44

P-adjust=0.096

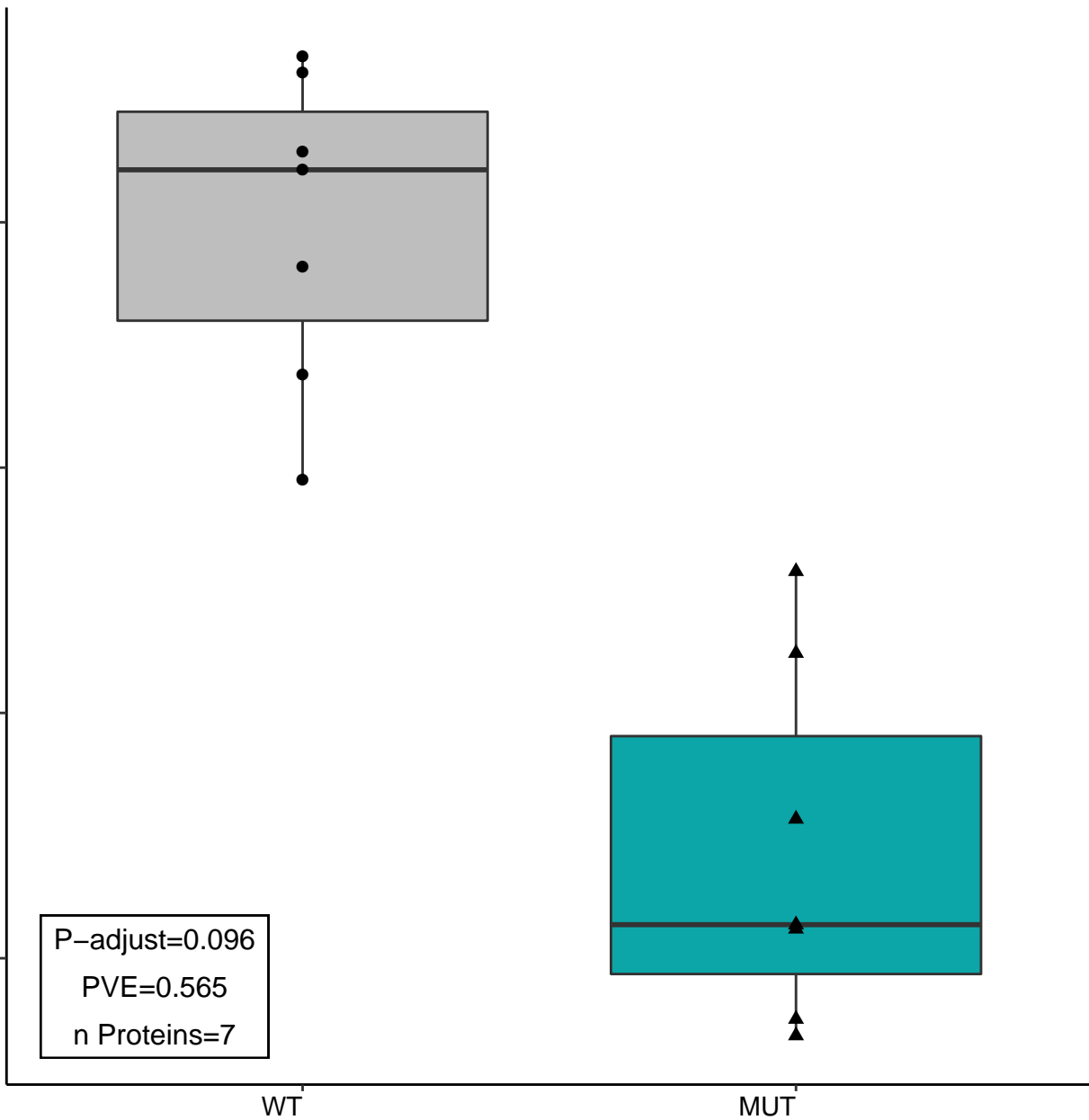
PVE=0.565

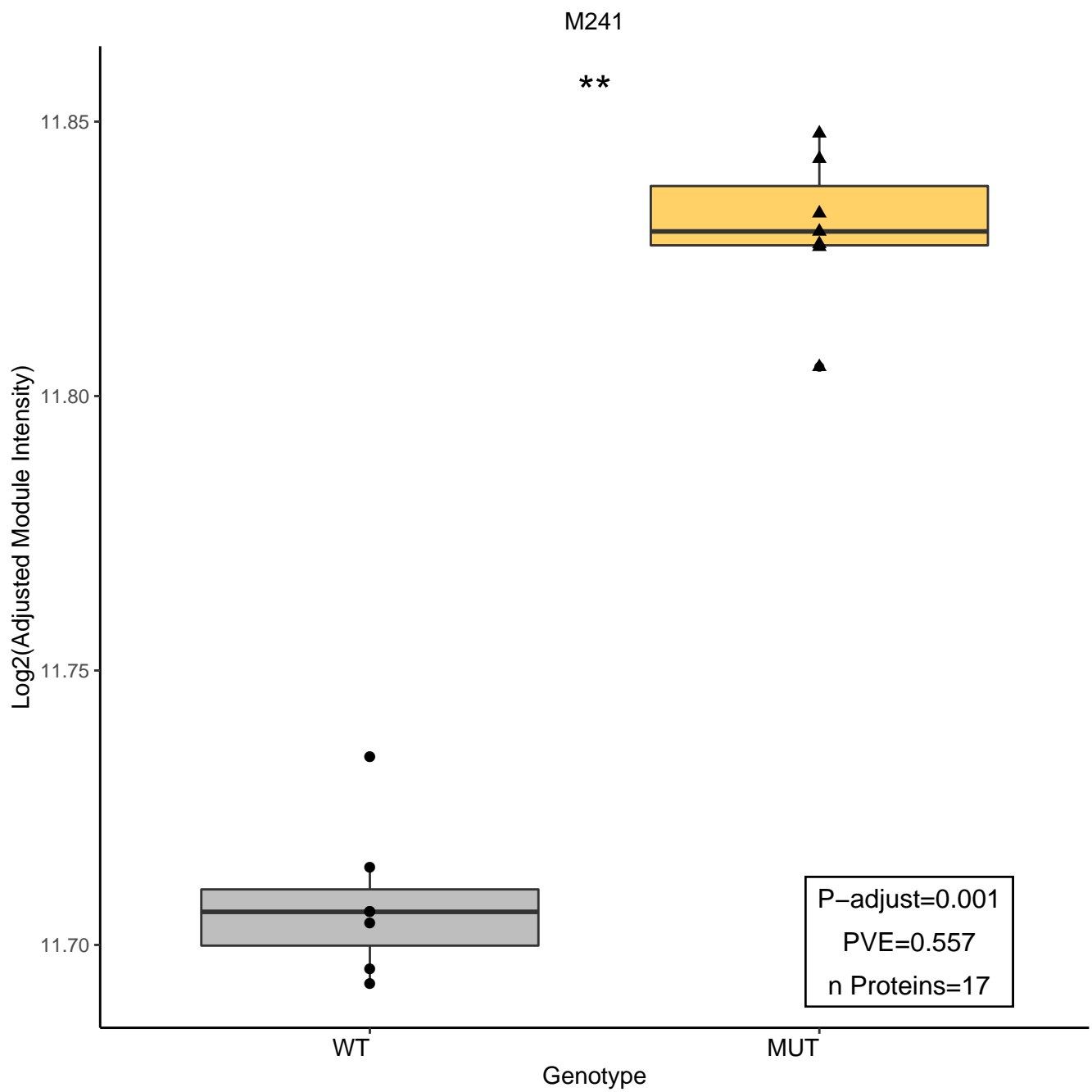
n Proteins=7

WT

Genotype

MUT





M242

Log2(Adjusted Module Intensity)

13.48

13.46

13.44

13.42

13.40

WT

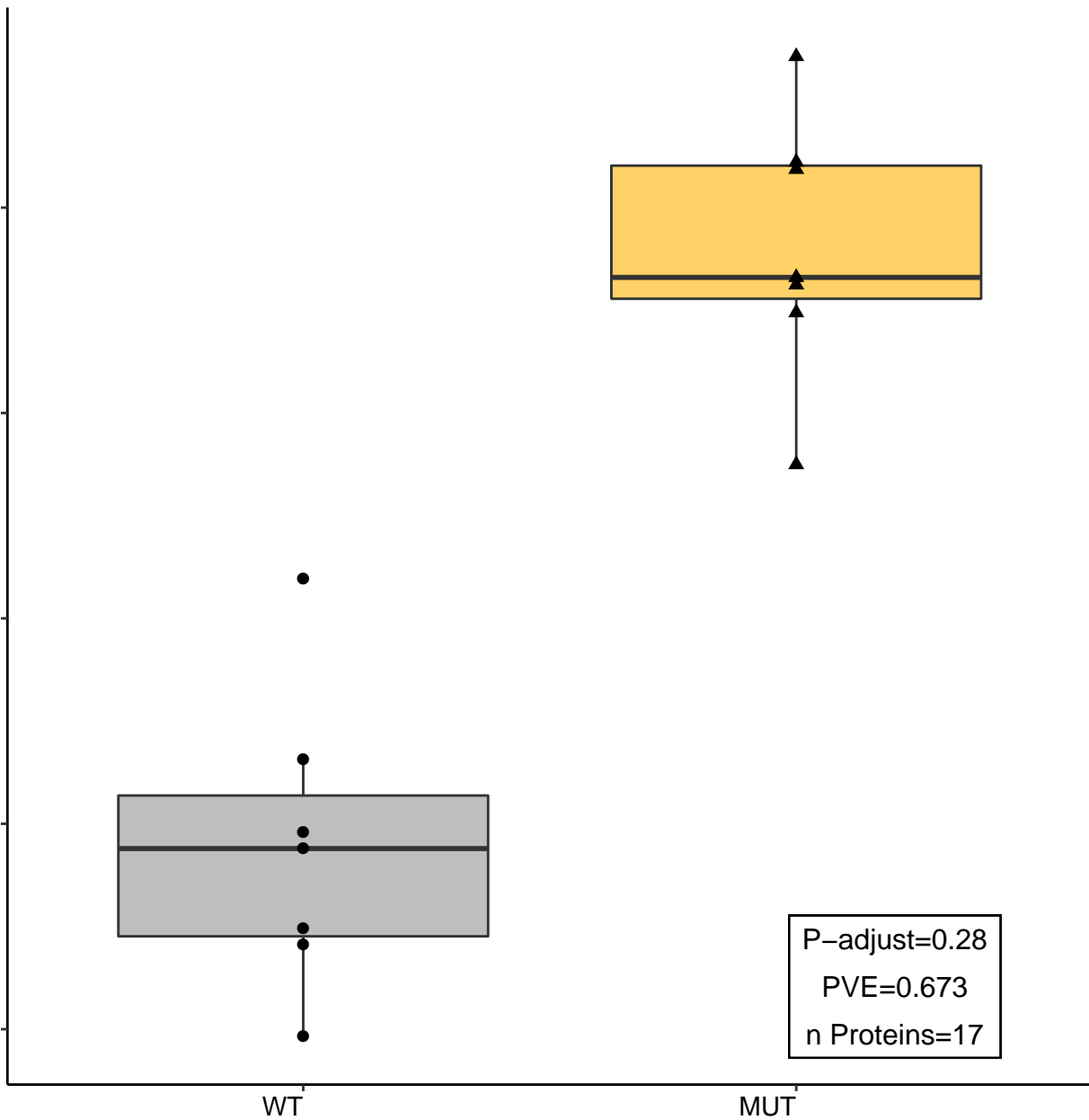
MUT

Genotype

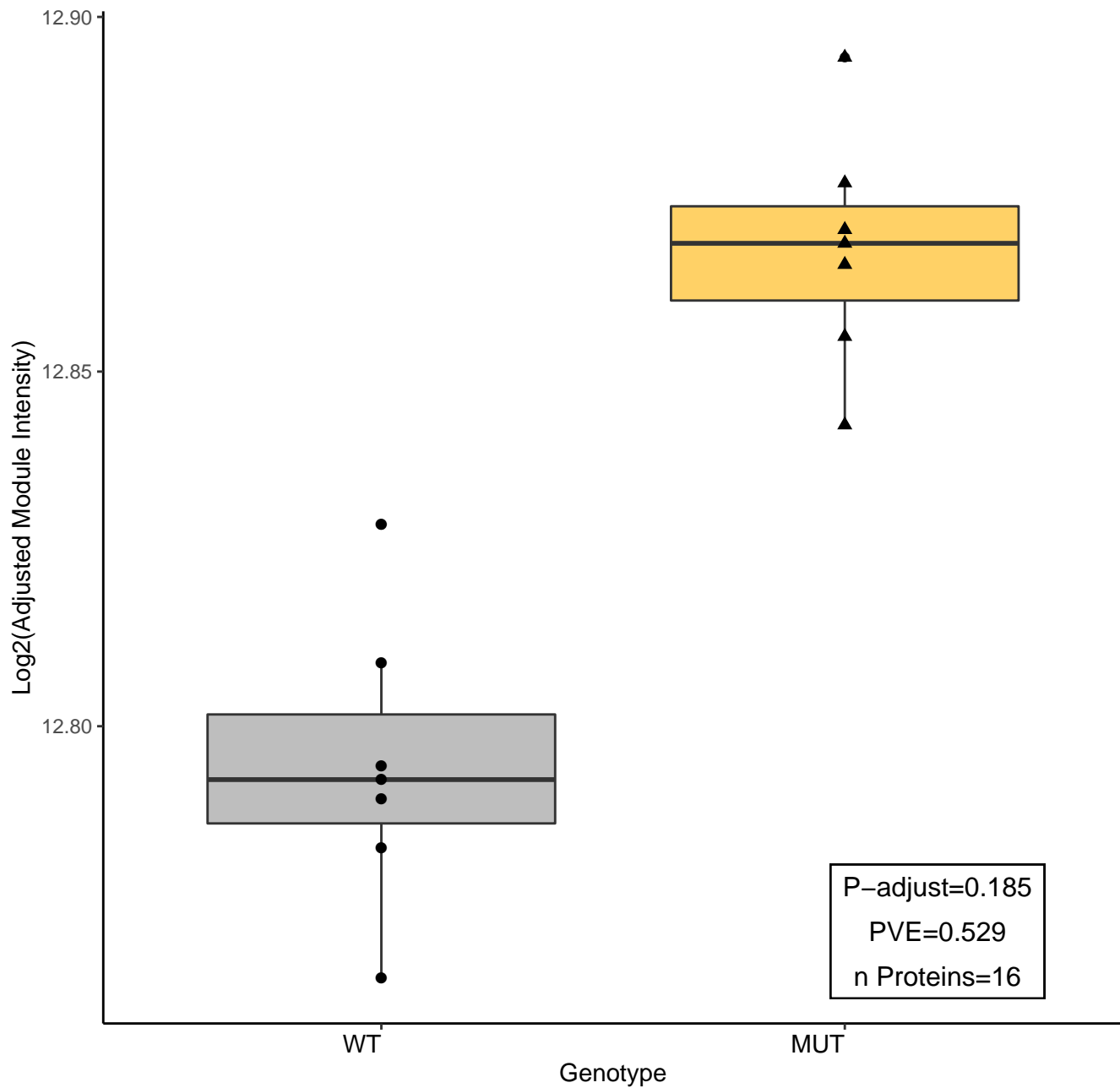
P-adjust=0.28

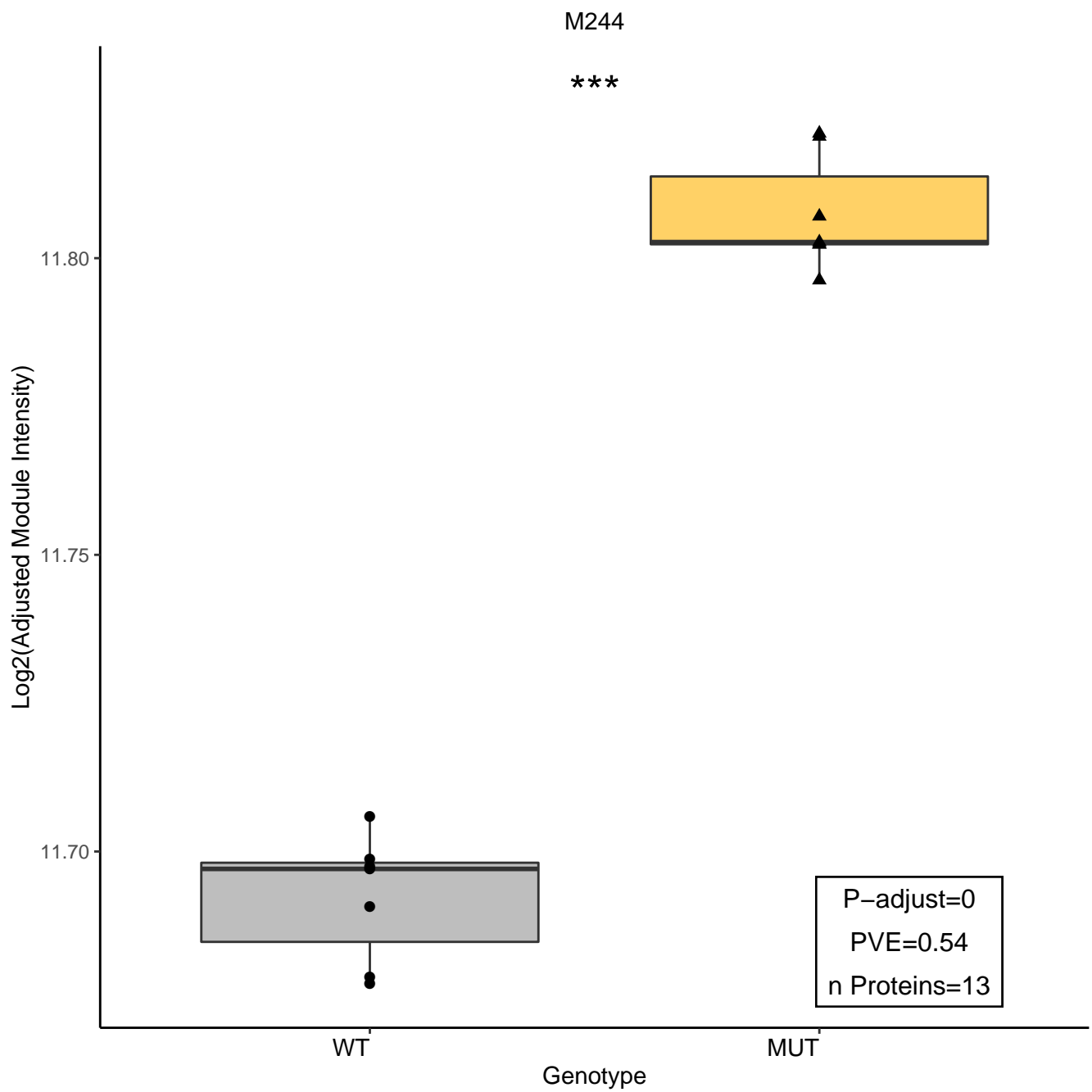
PVE=0.673

n Proteins=17

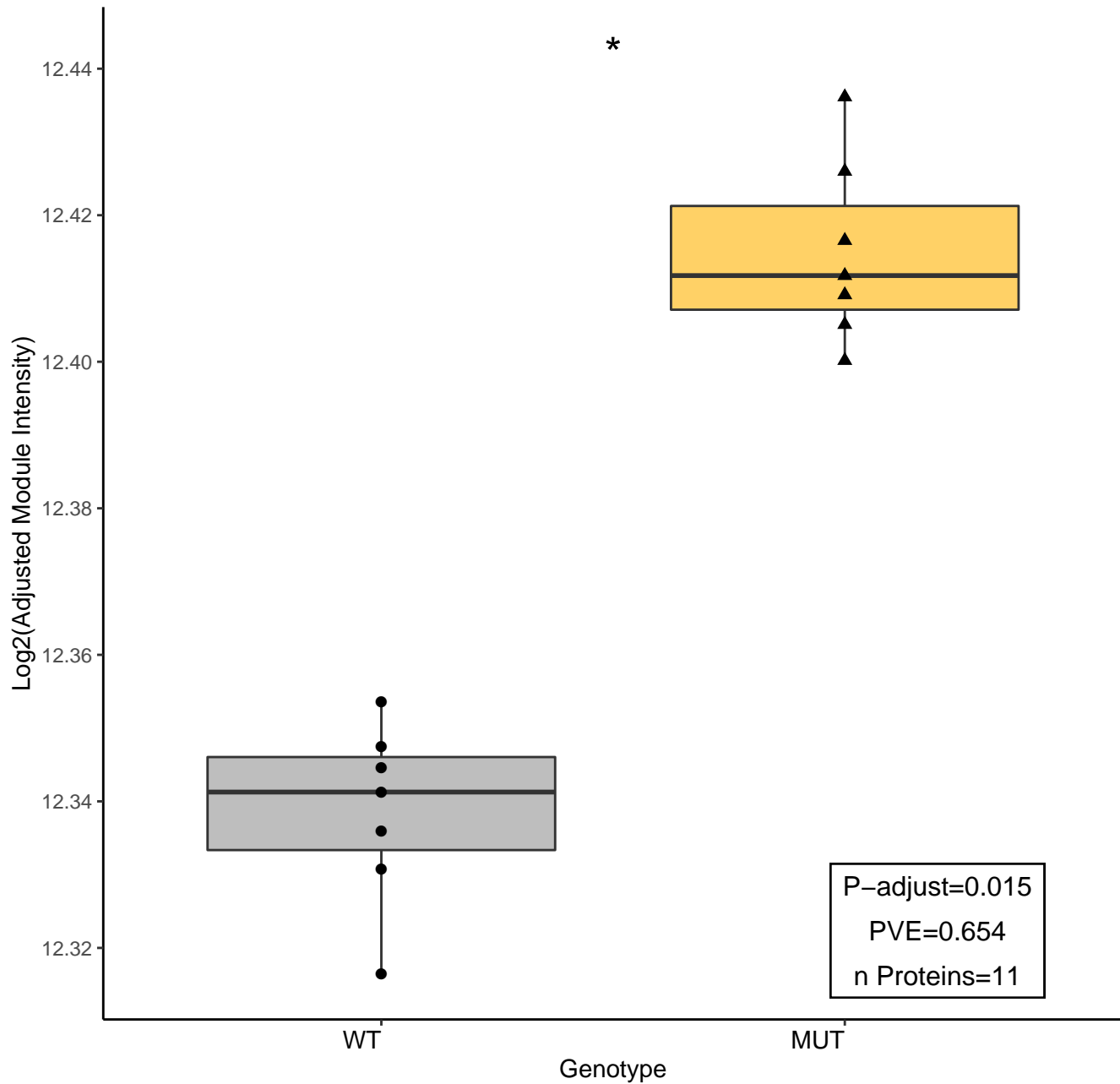


M243





M245



M246

Log2(Adjusted Module Intensity)

11.50

11.45

11.40

11.35

WT

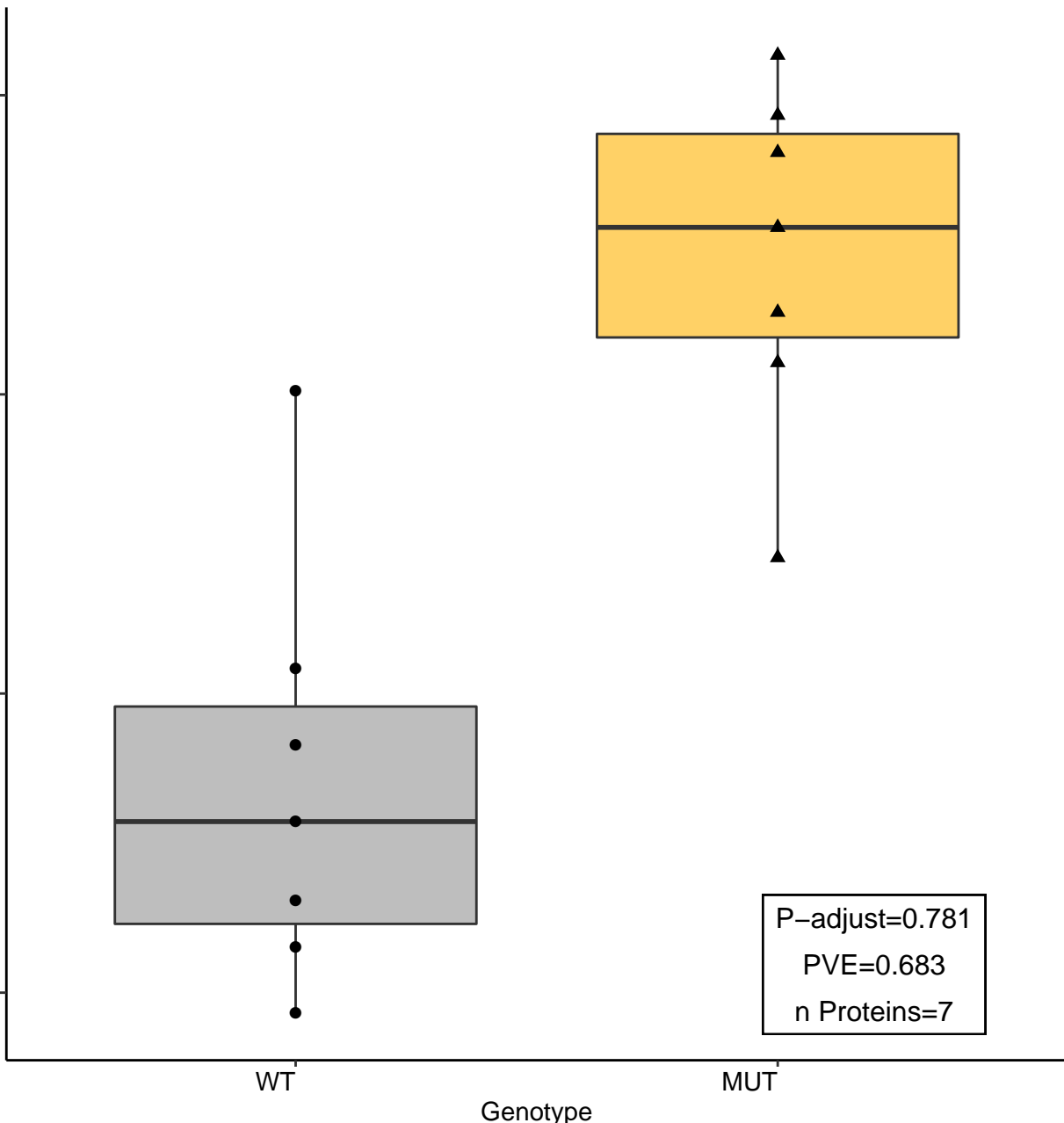
Genotype

MUT

P-adjust=0.781

PVE=0.683

n Proteins=7



M247

Log2(Adjusted Module Intensity)

9.30

9.25

9.20

WT

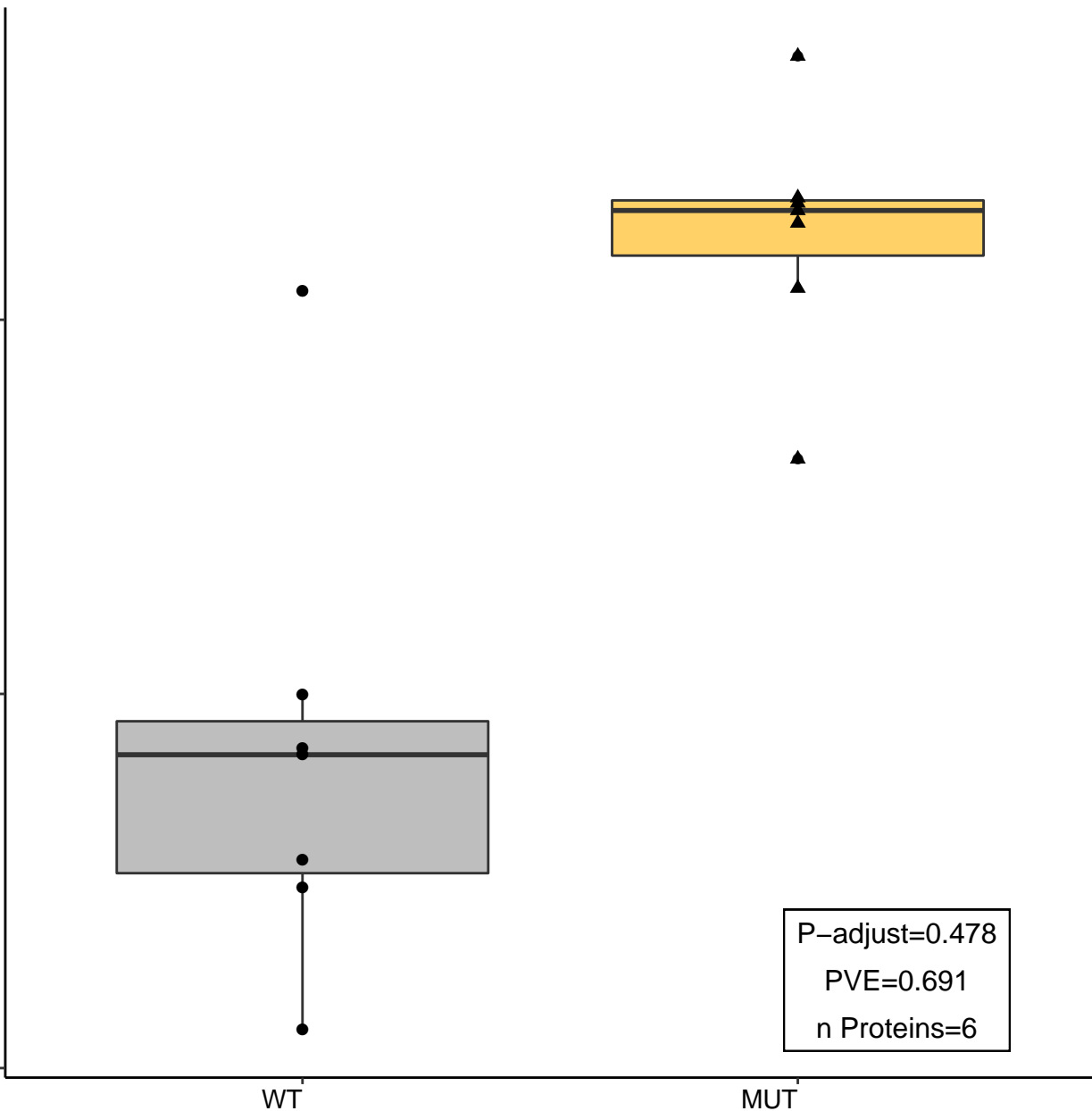
MUT

Genotype

P-adjust=0.478

PVE=0.691

n Proteins=6



M248

**

Log2(Adjusted Module Intensity)

12.15

12.10

12.05

WT

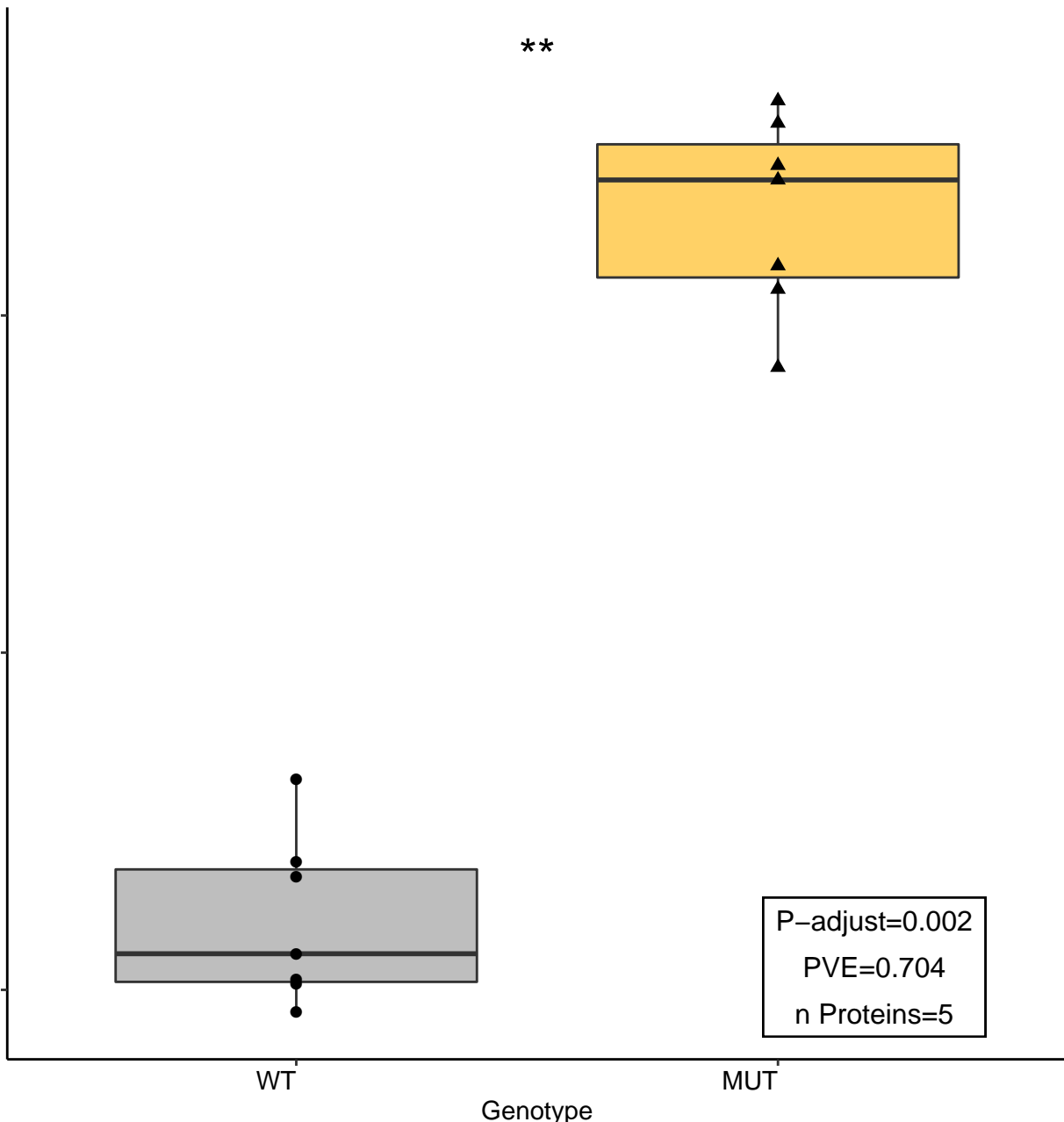
MUT

Genotype

P-adjust=0.002

PVE=0.704

n Proteins=5



M249

Log2(Adjusted Module Intensity)

12.60

12.55

12.50

WT

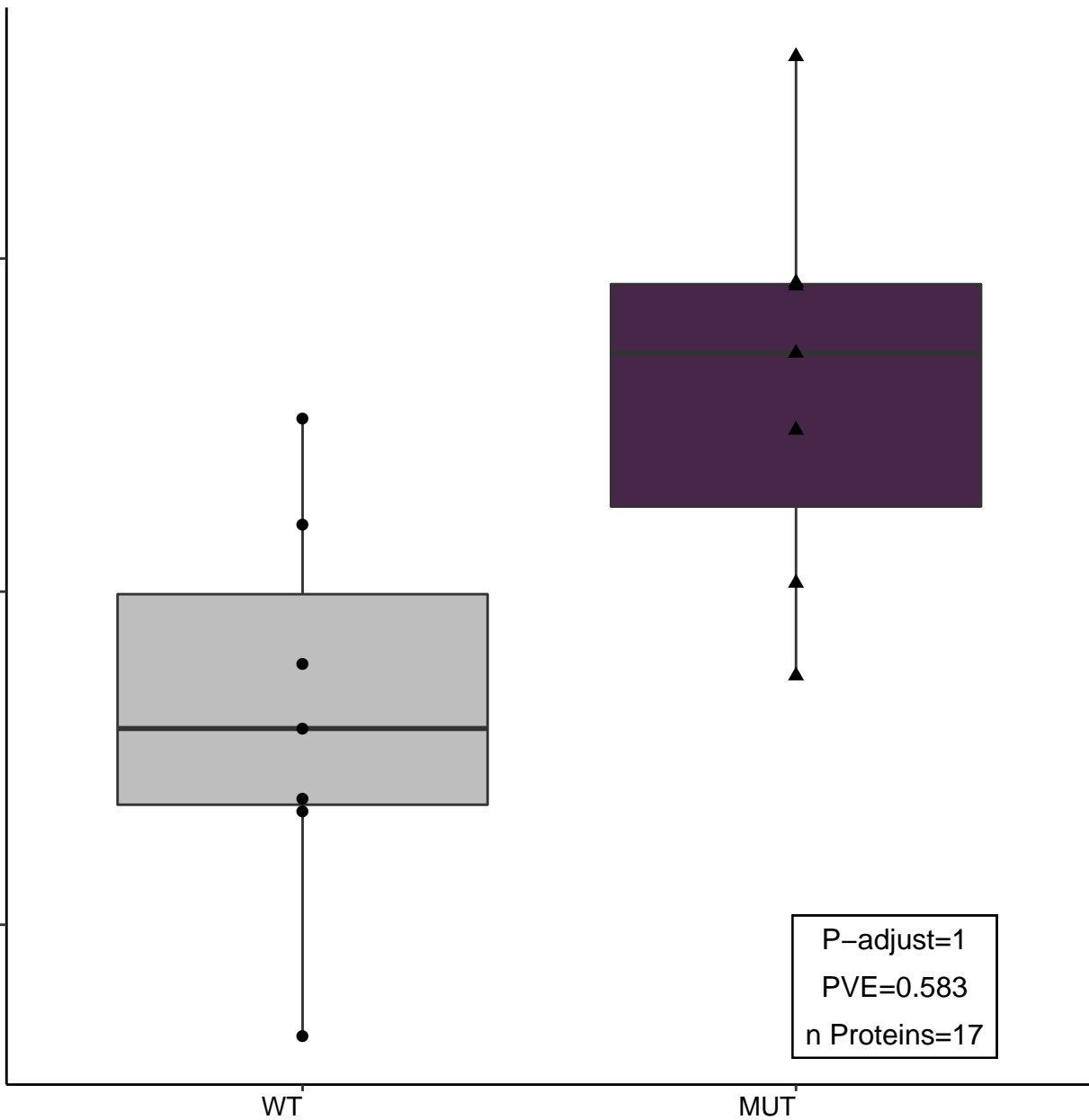
Genotype

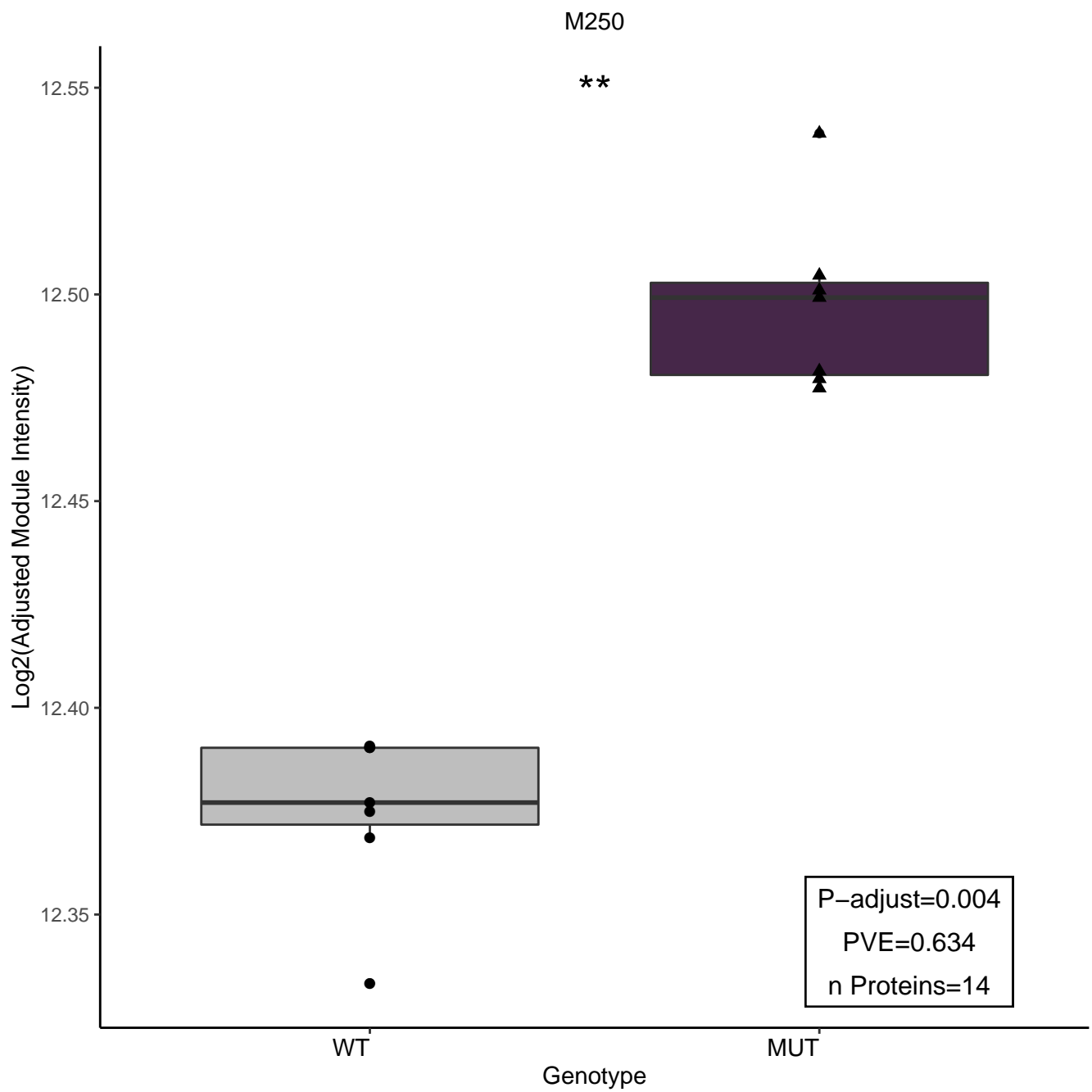
MUT

P-adjust=1

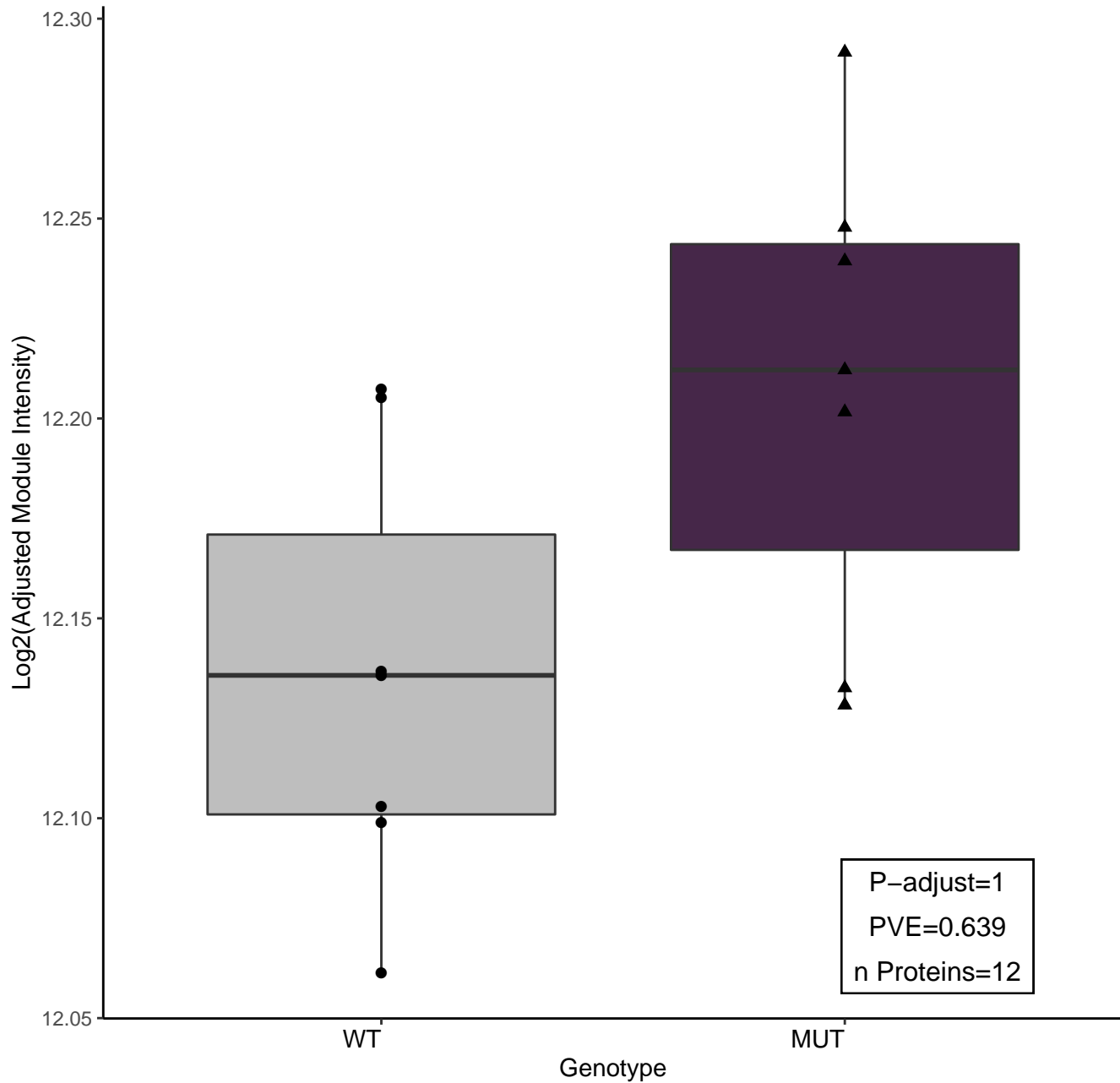
PVE=0.583

n Proteins=17

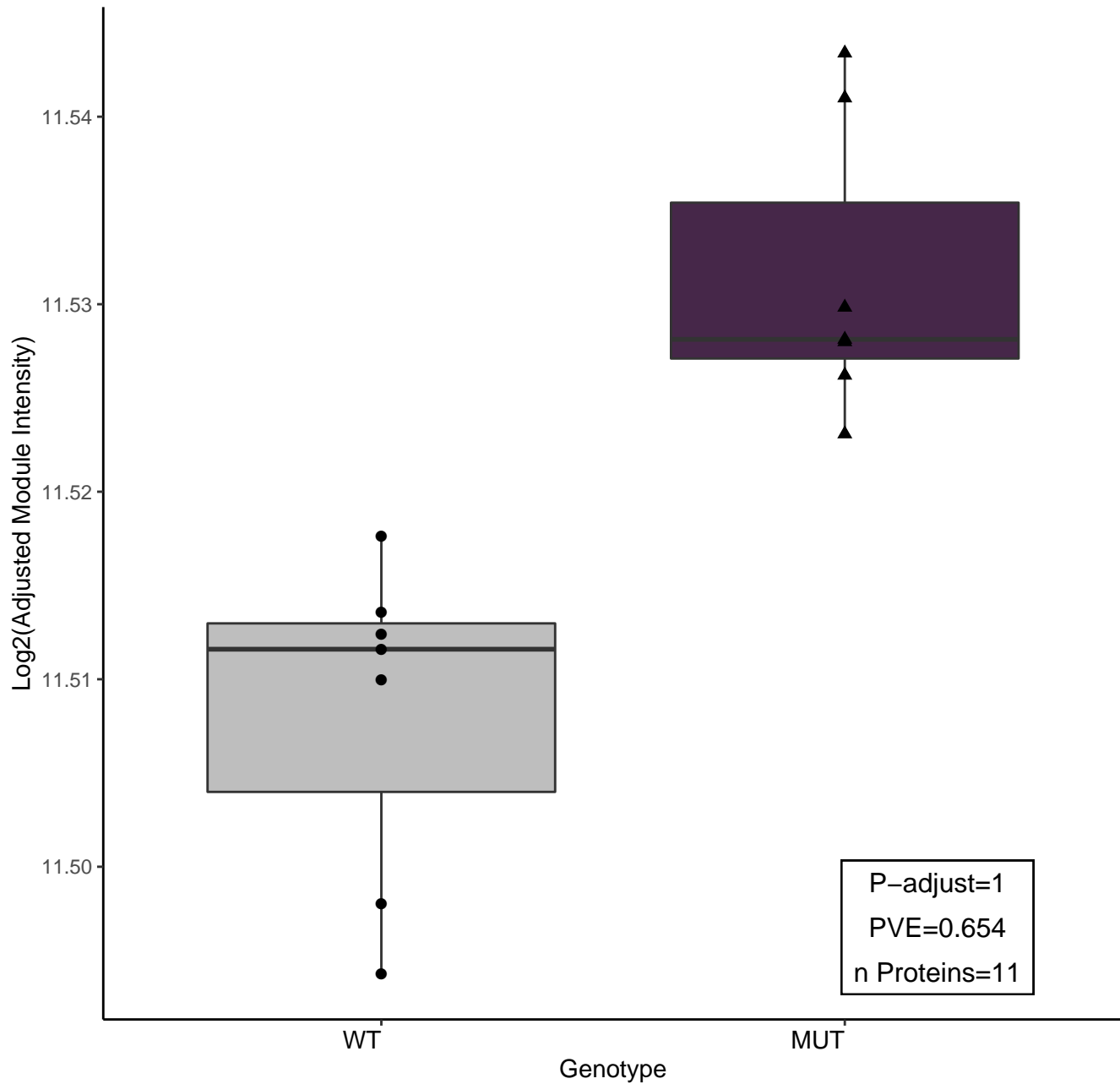




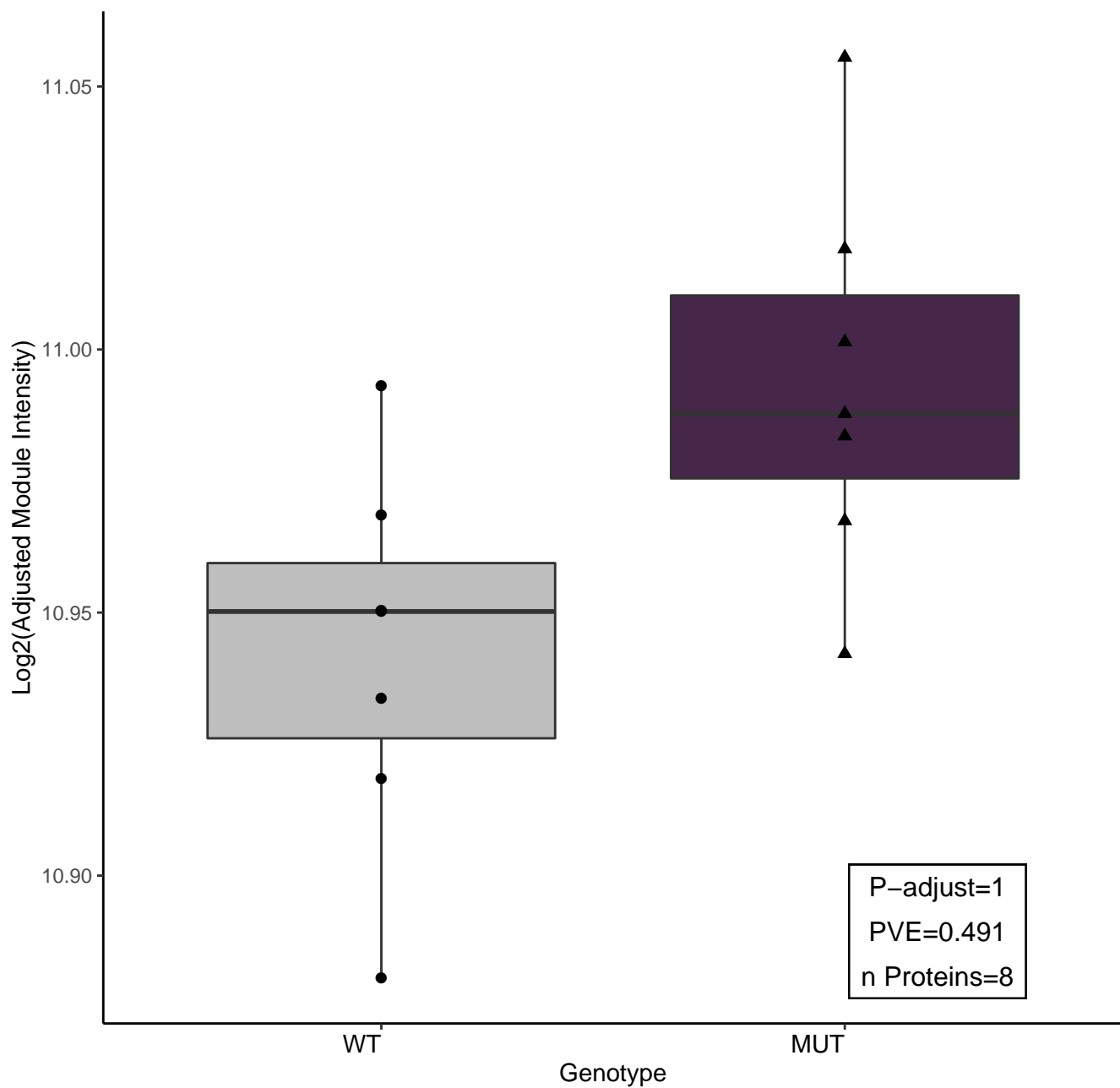
M251

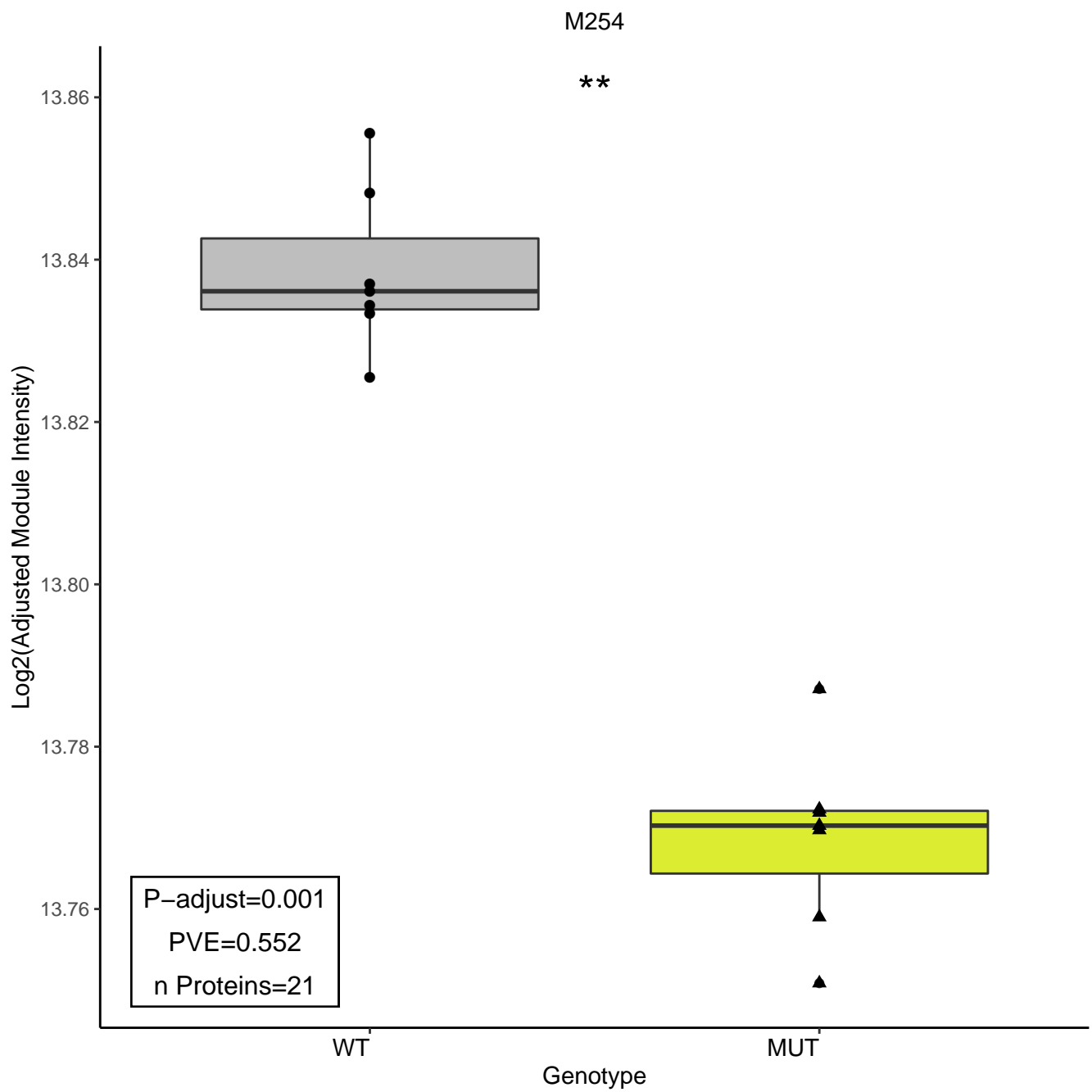


M252

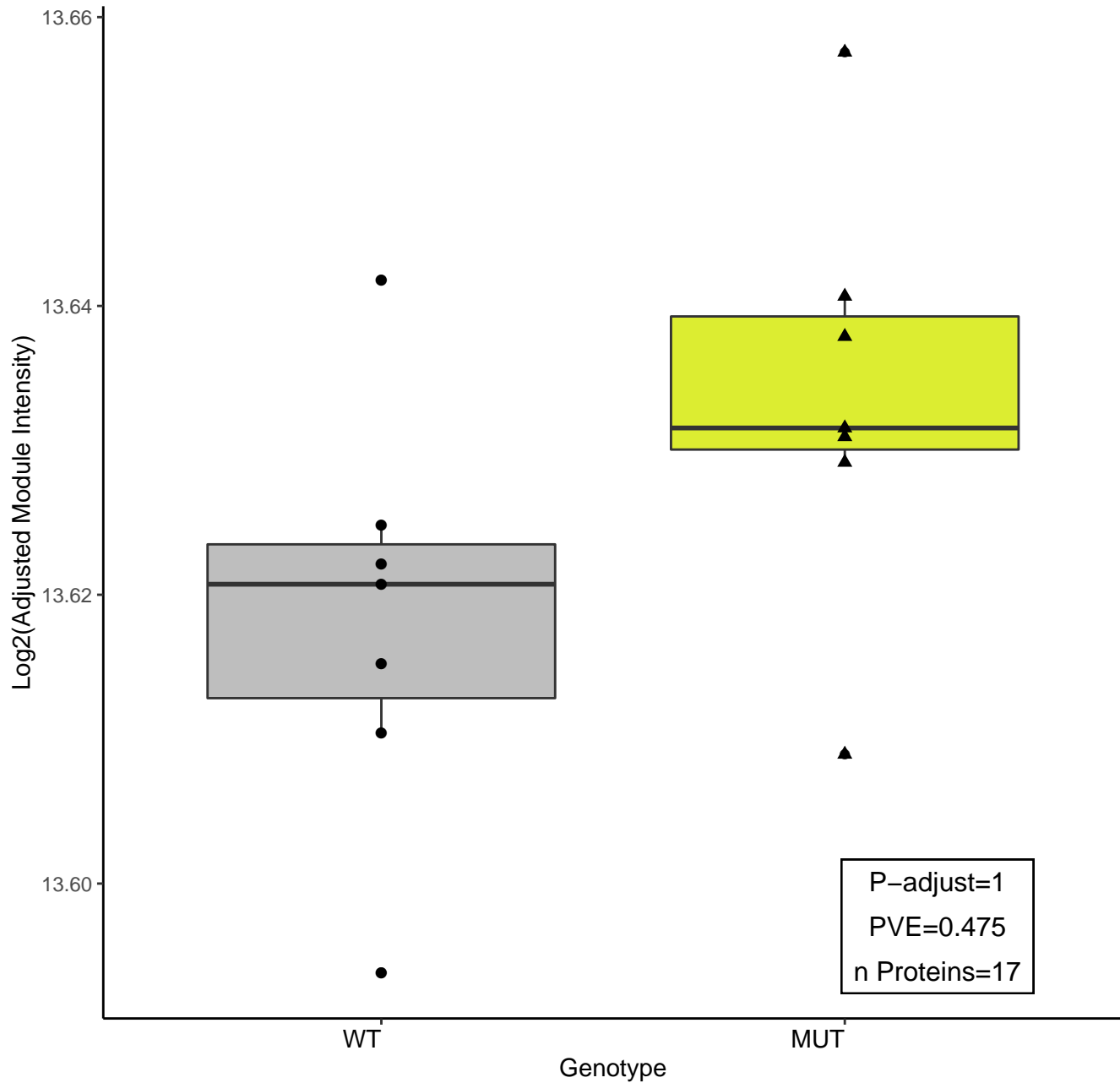


M253

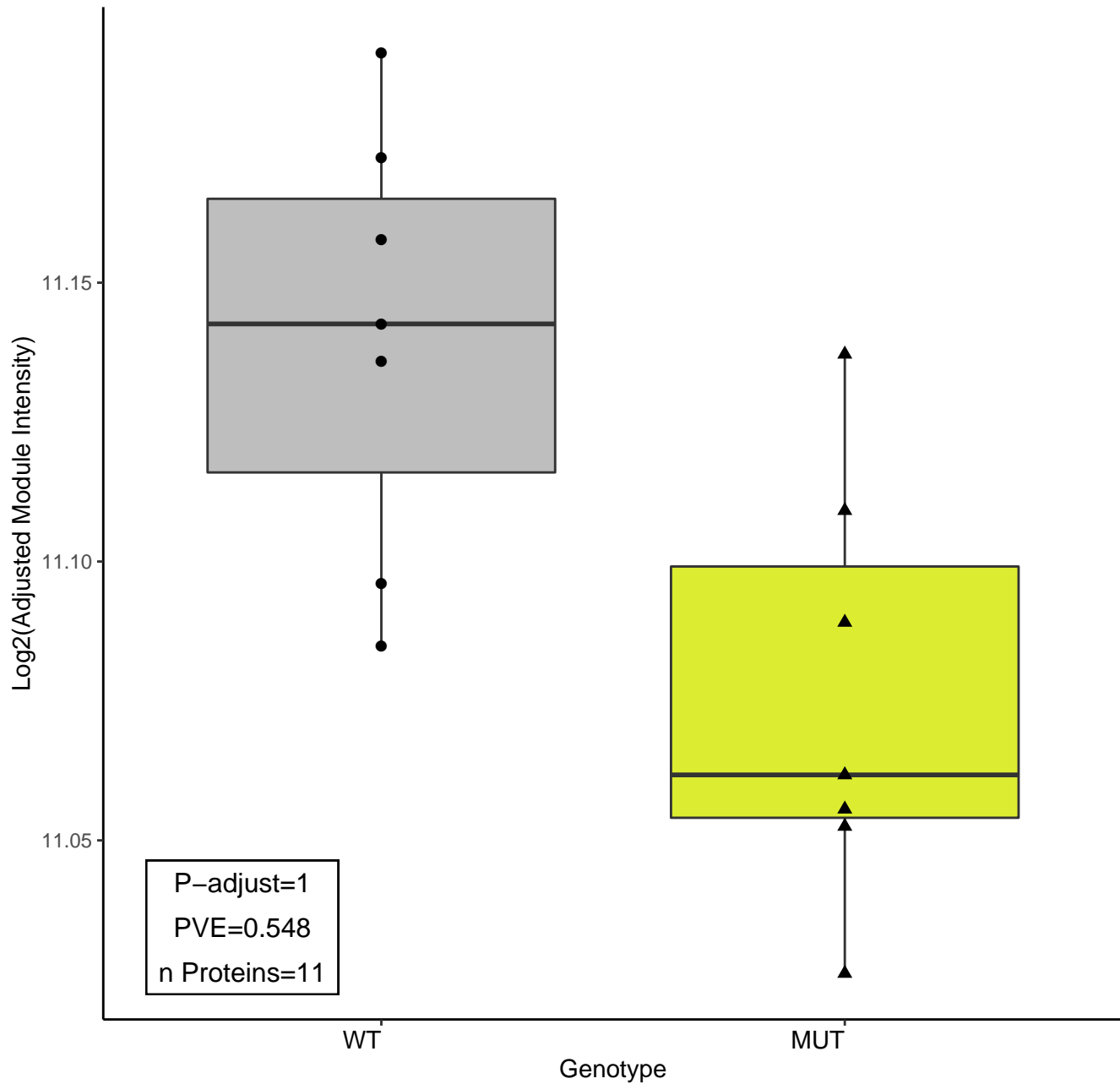




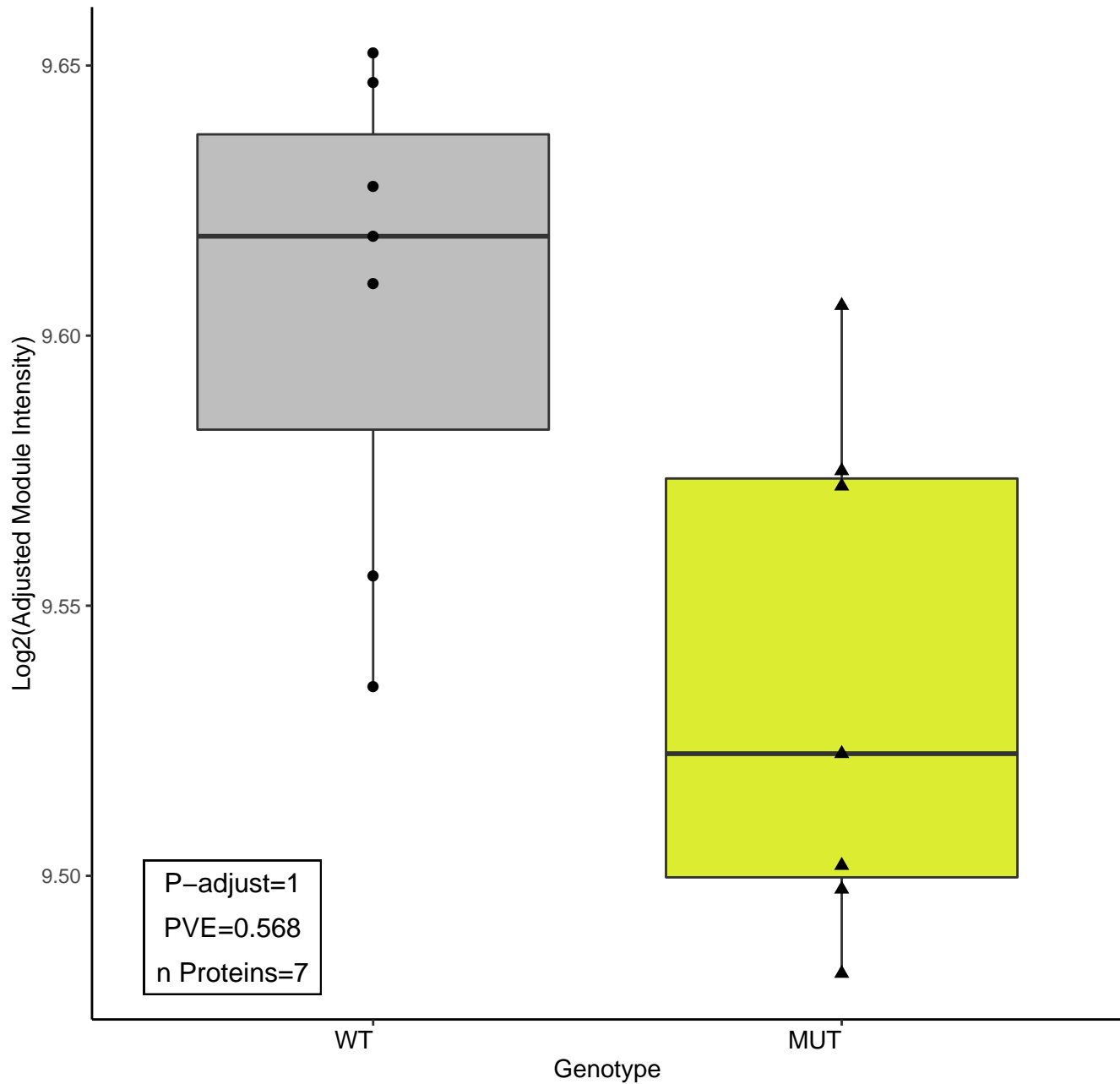
M255



M256



M257



M258

Log2(Adjusted Module Intensity)

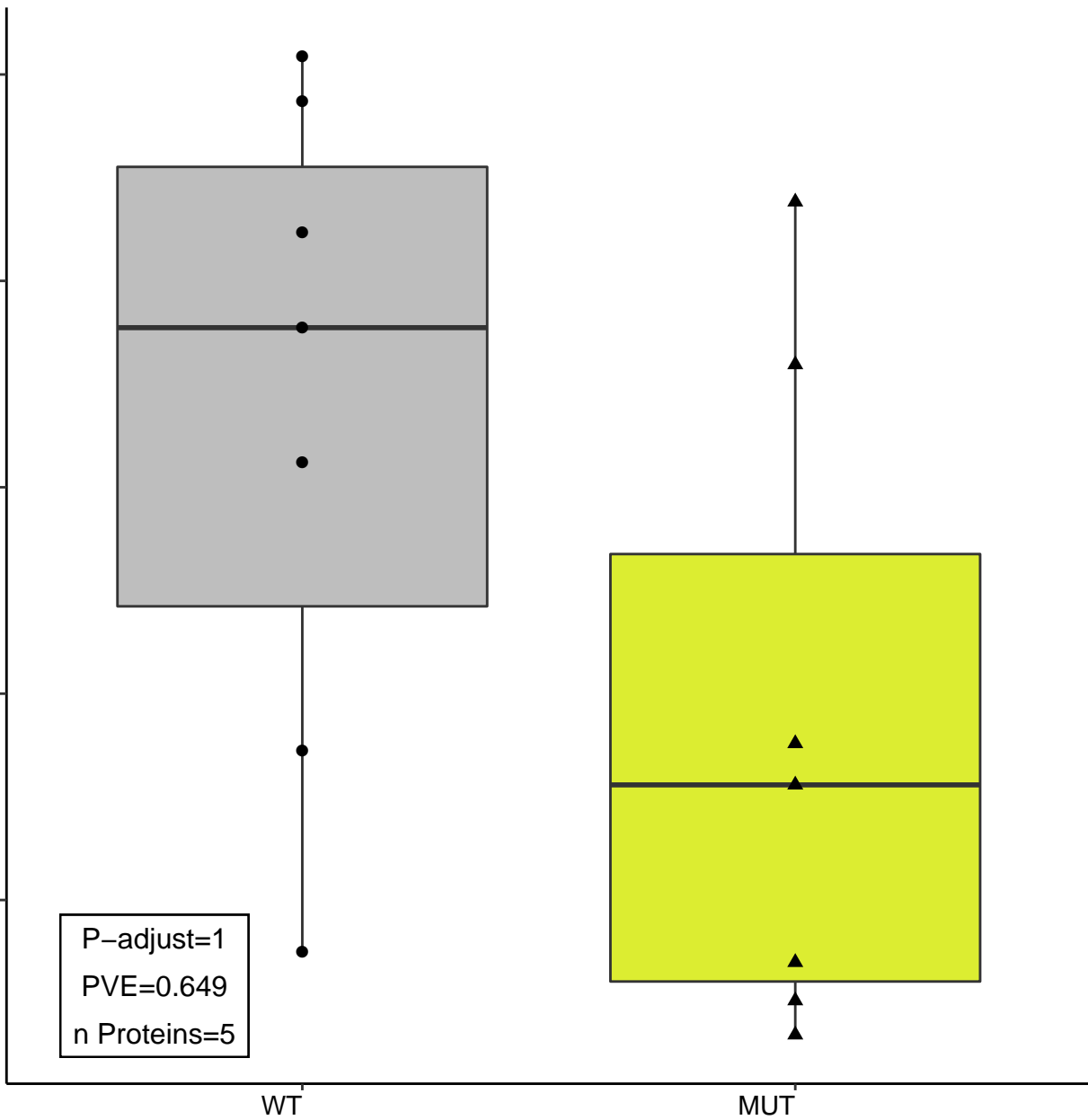
10.94
10.92
10.90
10.88
10.86

P-adjust=1
PVE=0.649
n Proteins=5

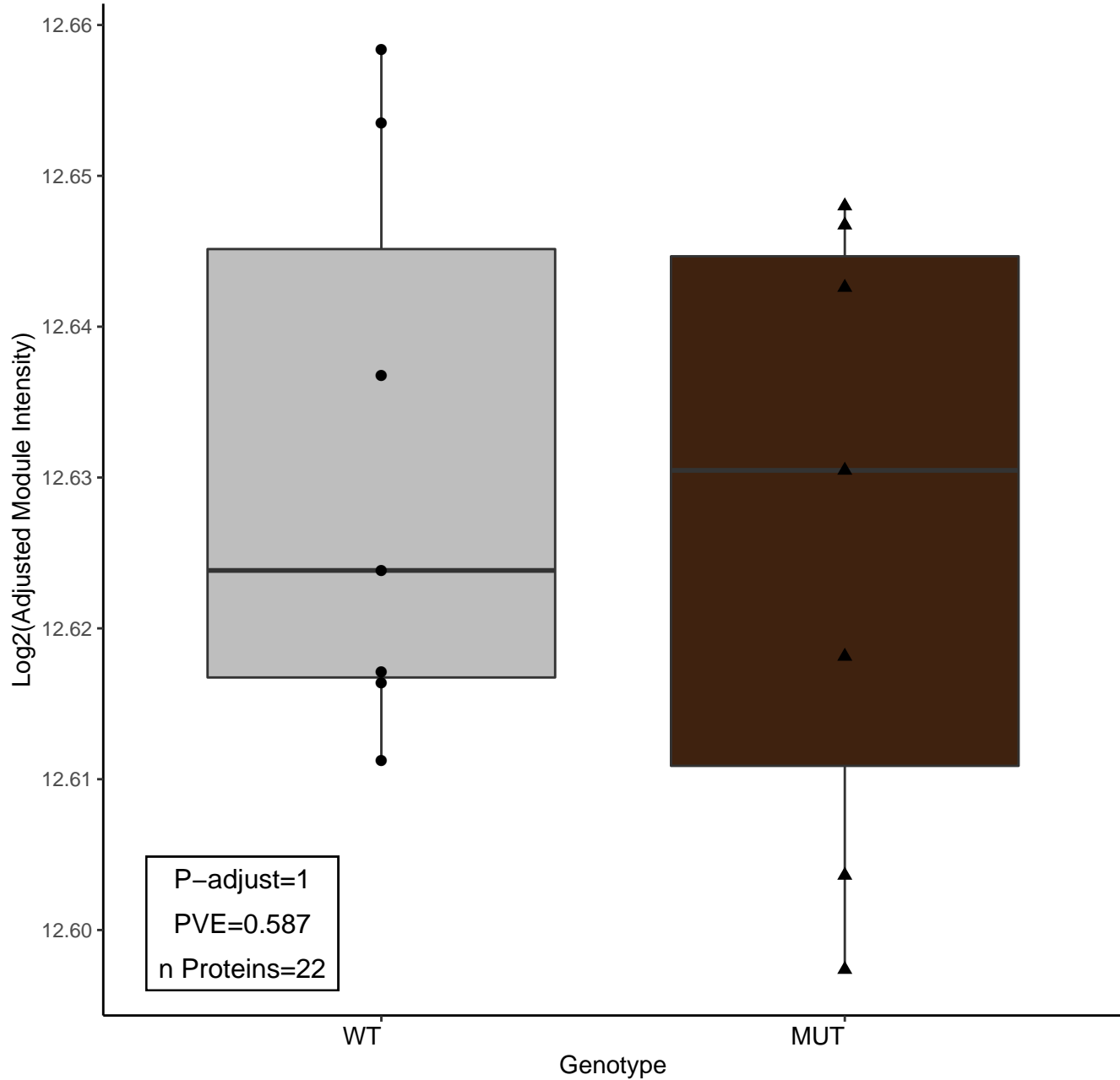
WT

Genotype

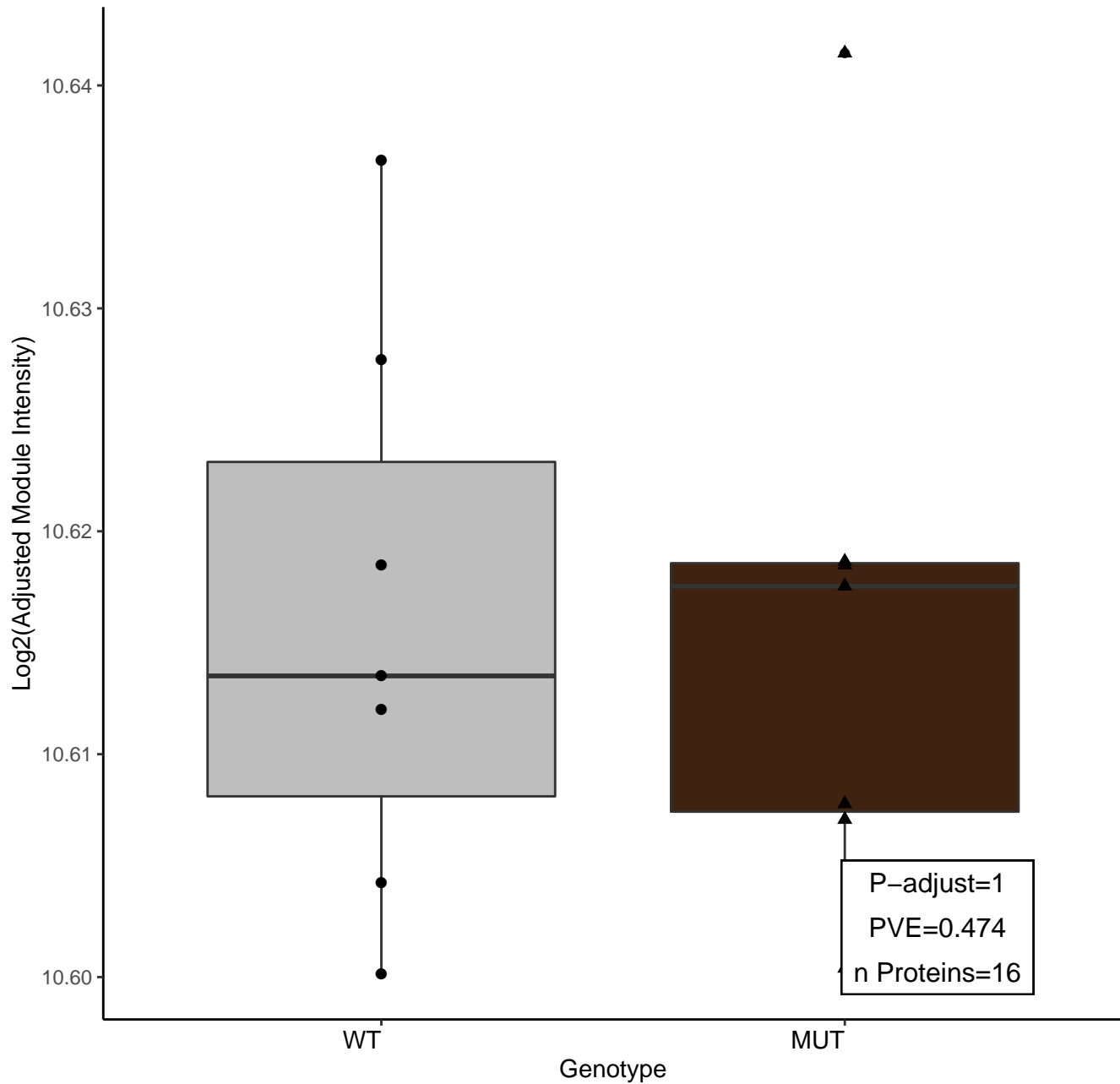
MUT



M259



M260



M261

