

M1

Log2(Adjusted Module Intensity)

16.30

16.28

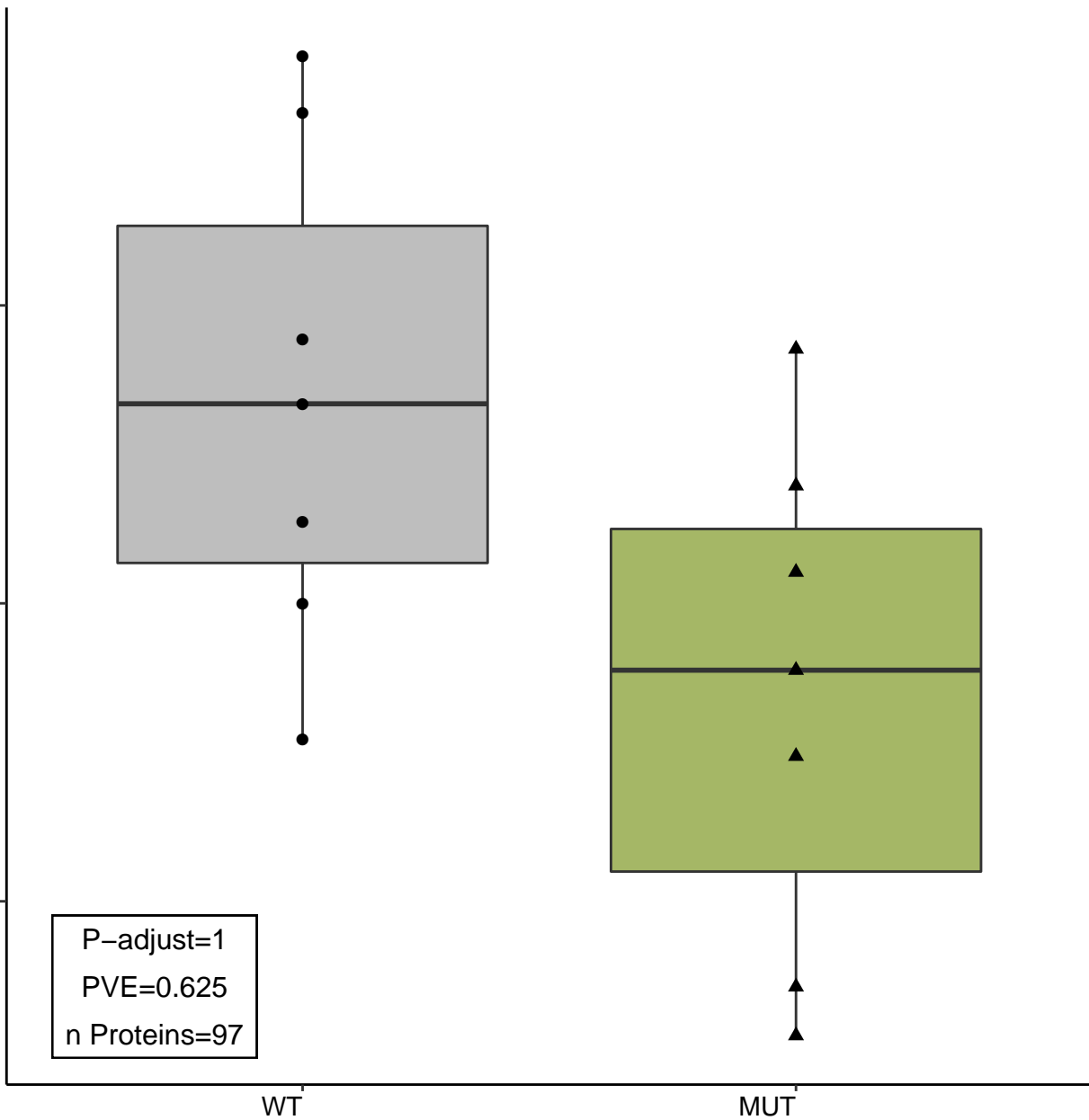
16.26

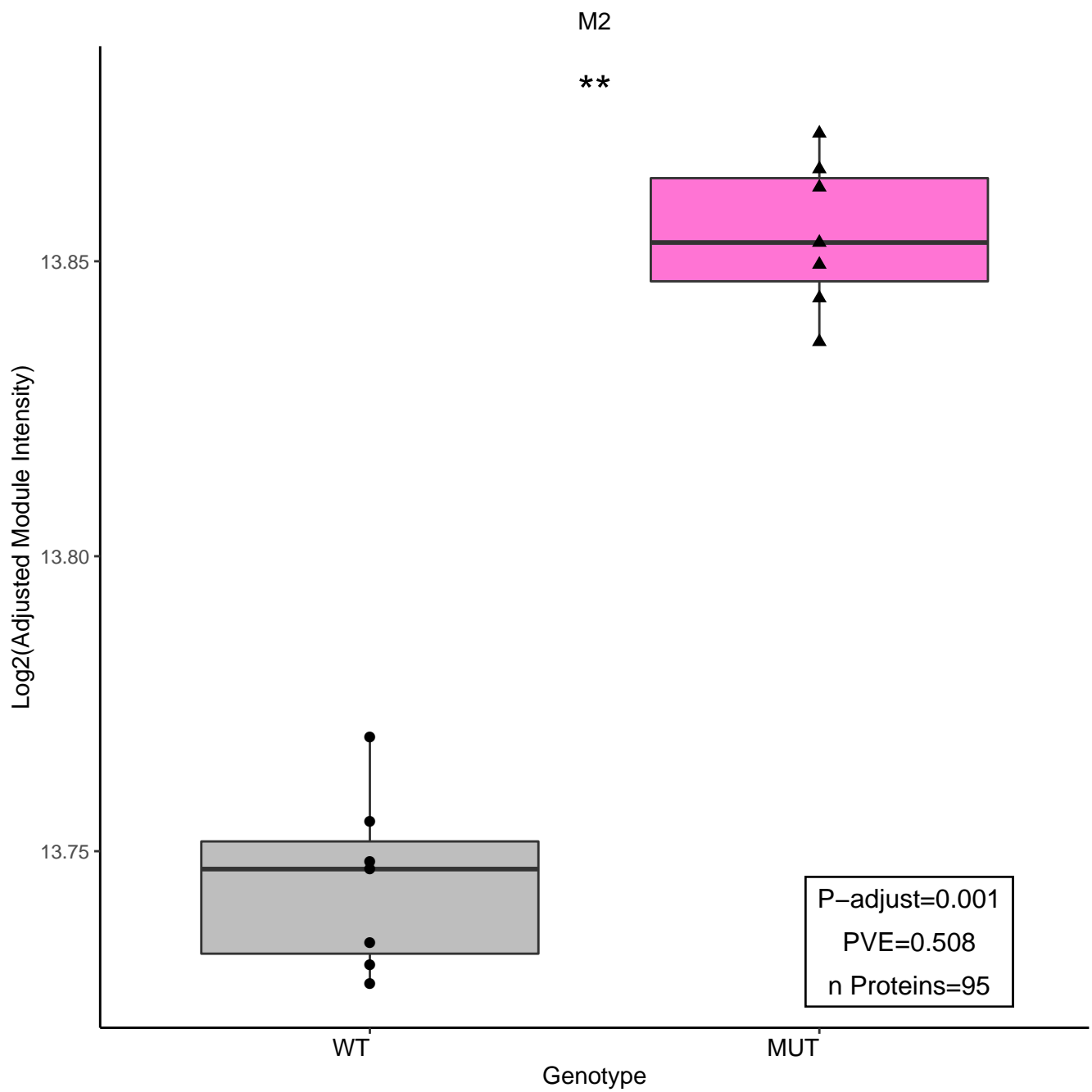
P-adjust=1  
PVE=0.625  
n Proteins=97

WT

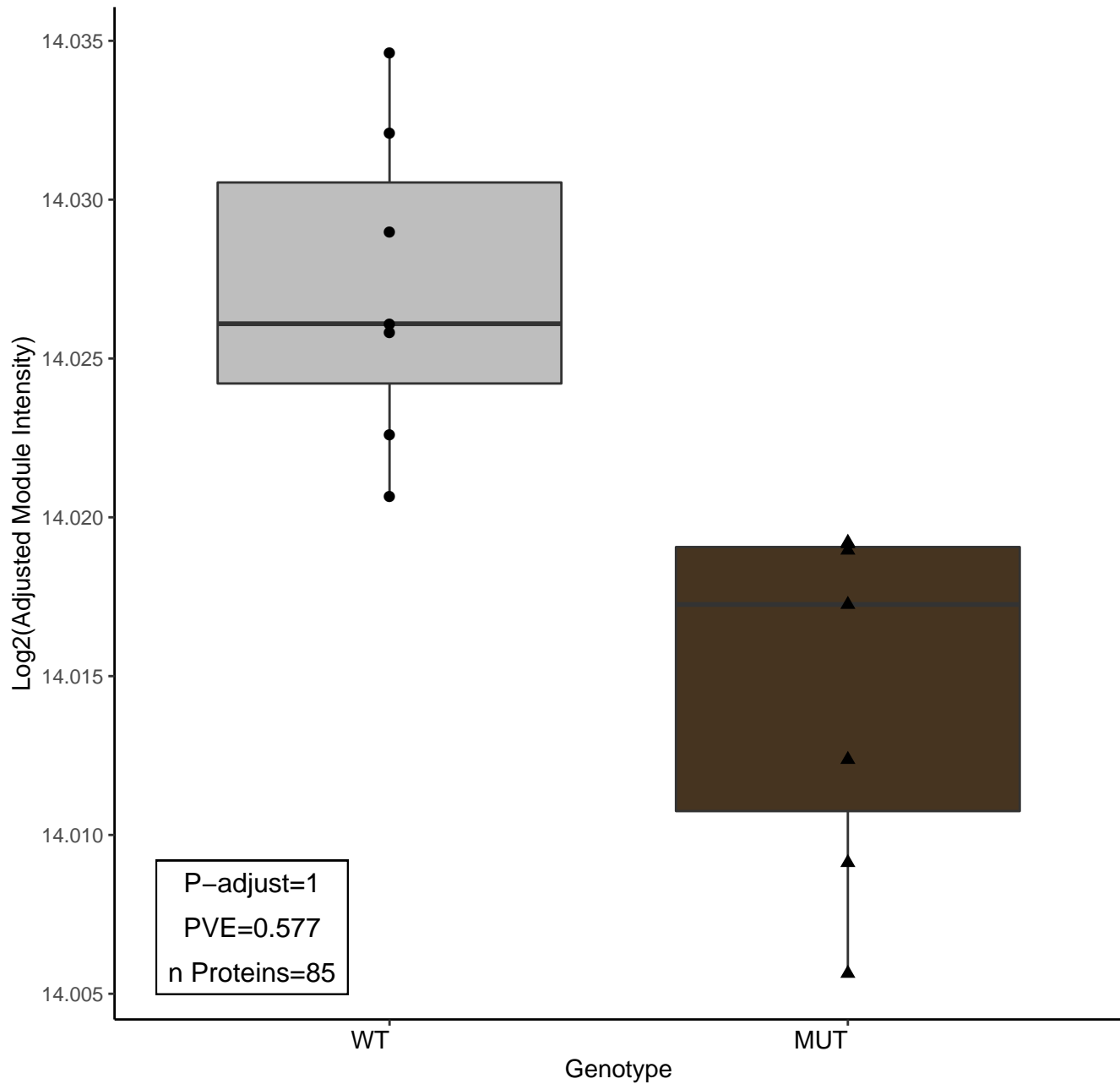
Genotype

MUT

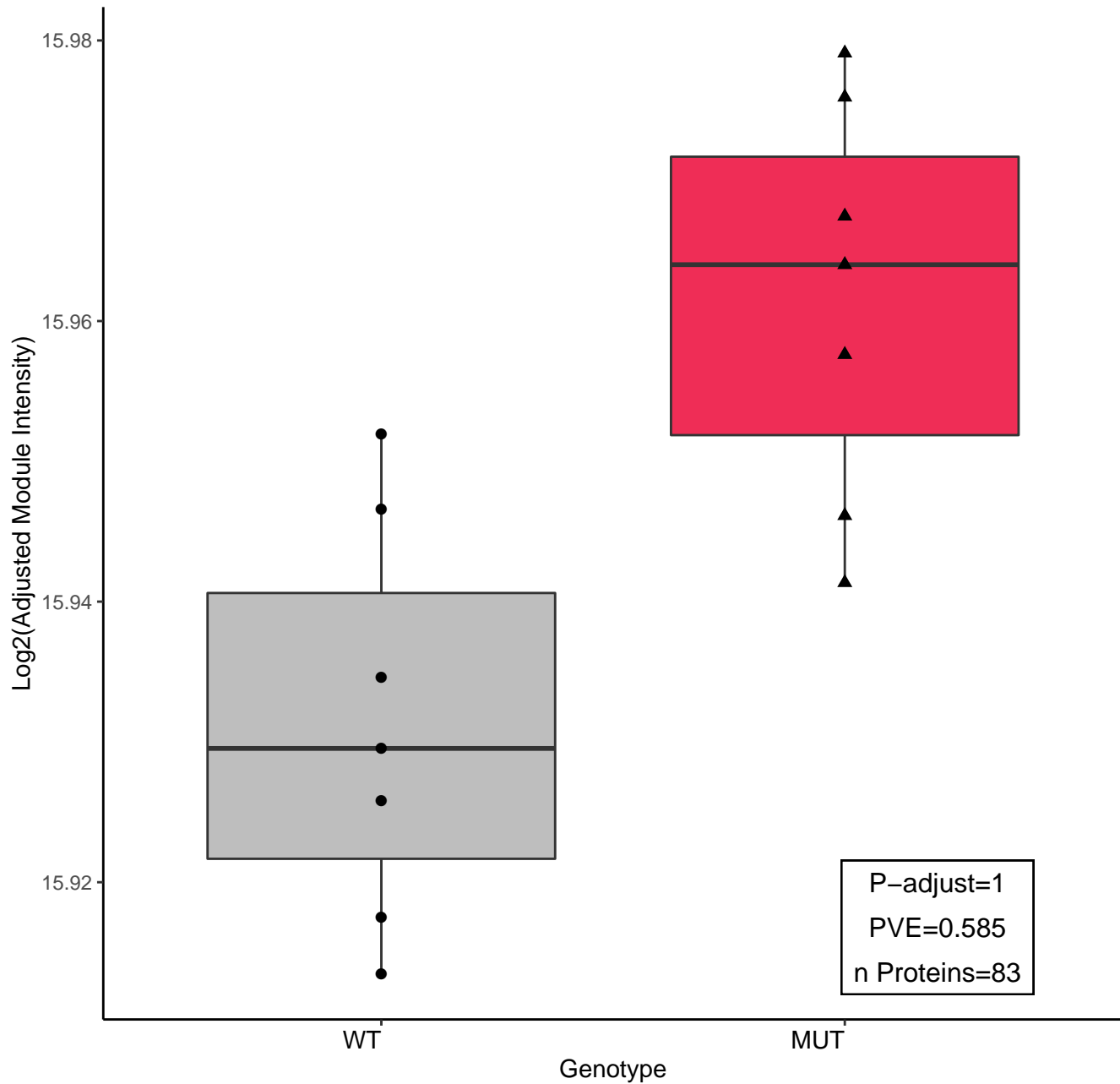




M3



M4



M5

Log2(Adjusted Module Intensity)

13.72

13.71

13.70

13.69

WT

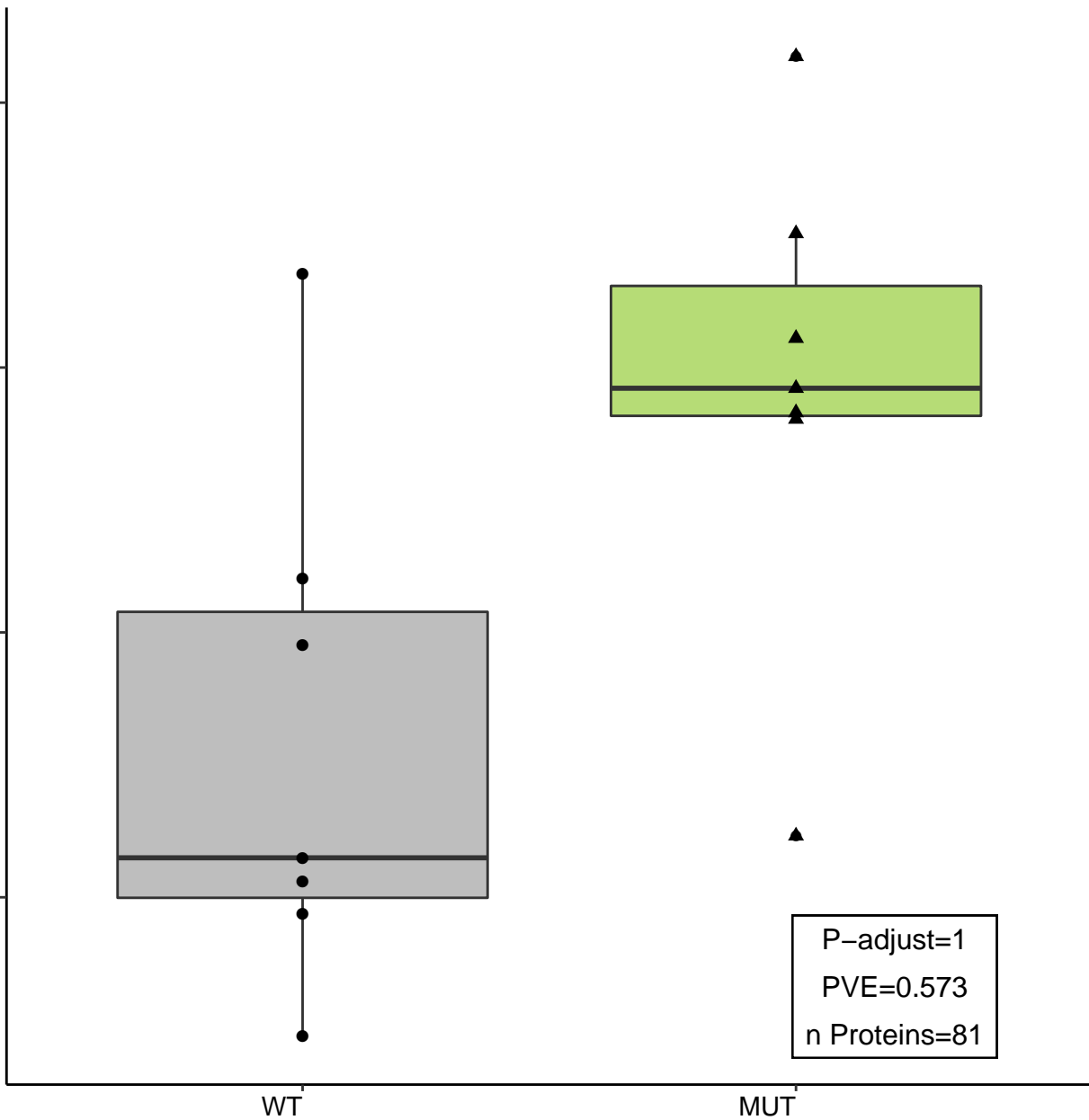
Genotype

MUT

P-adjust=1

PVE=0.573

n Proteins=81



M6

Log2(Adjusted Module Intensity)

14.86

14.84

14.82

14.80

WT

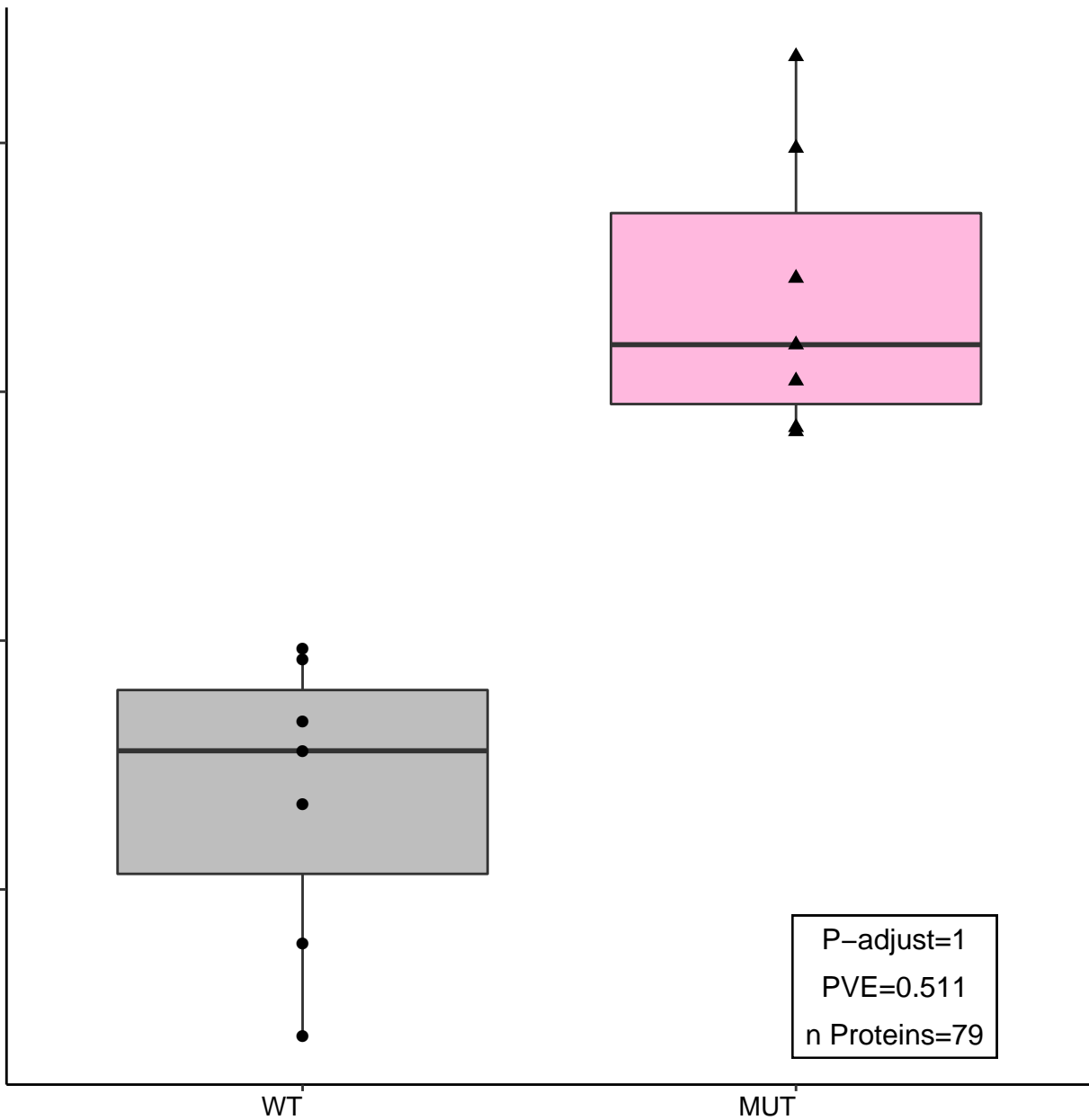
MUT

Genotype

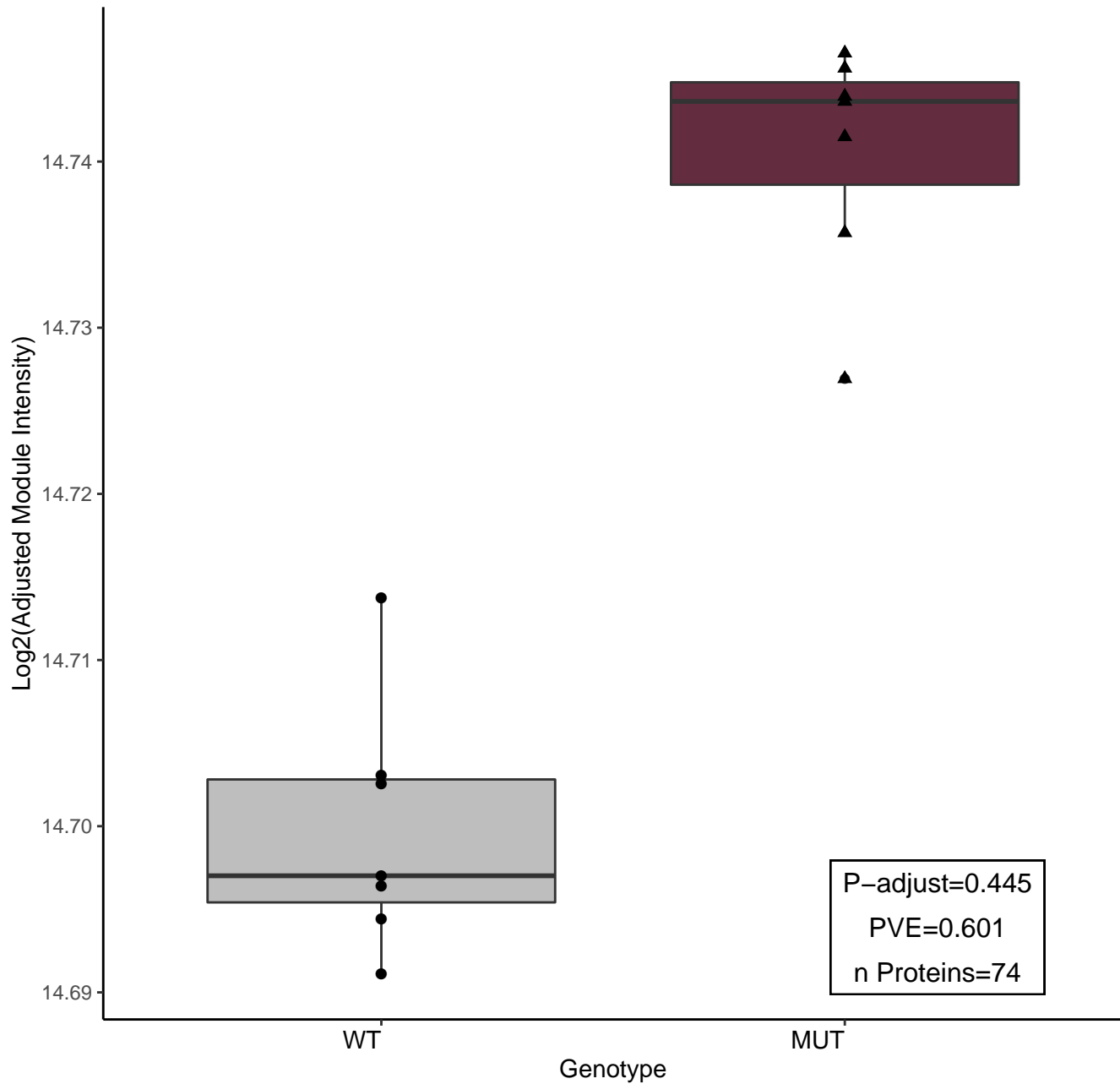
P-adjust=1

PVE=0.511

n Proteins=79



M7



M8

Log2(Adjusted Module Intensity)

13.22

13.20

13.18

WT

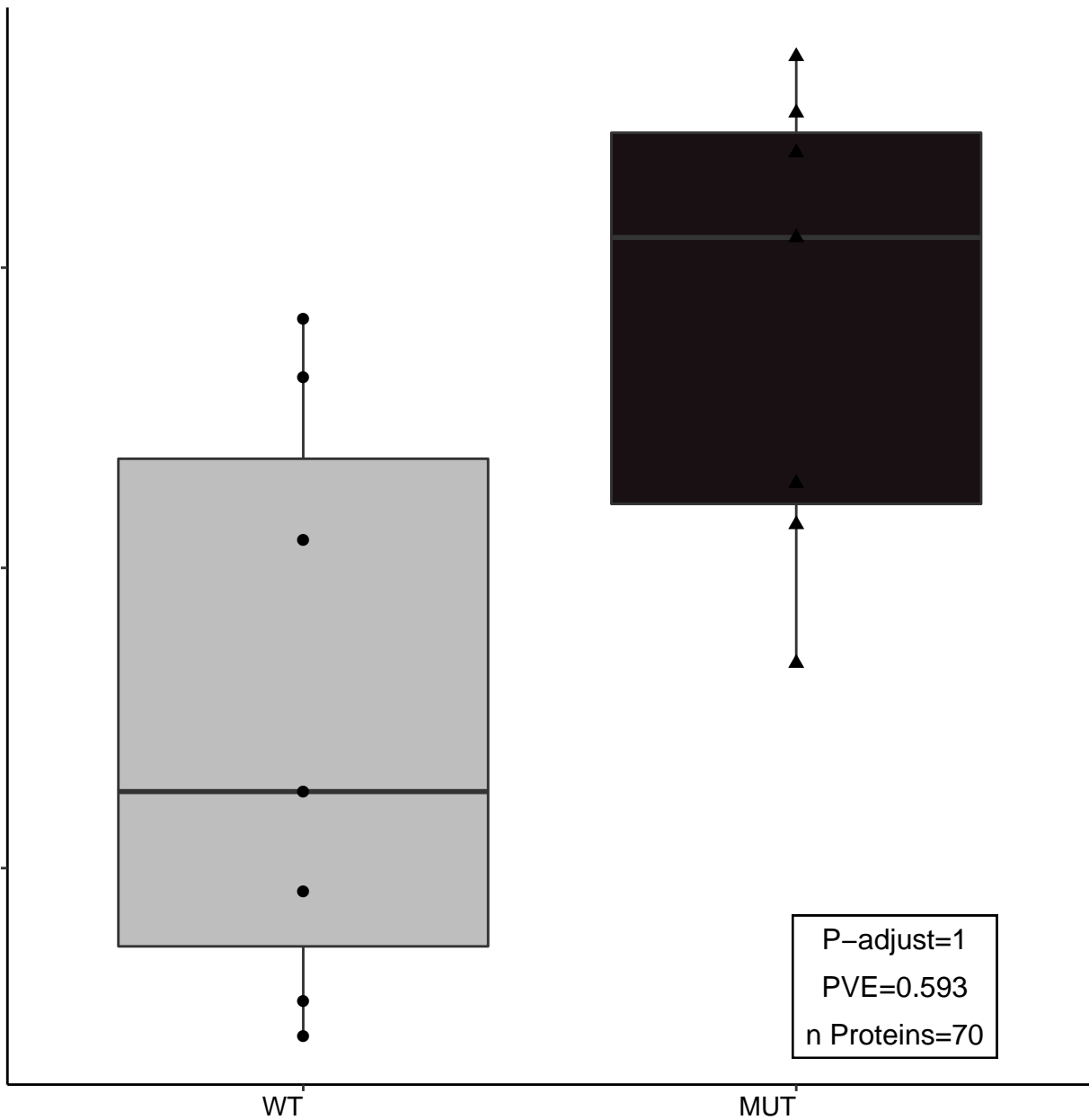
Genotype

MUT

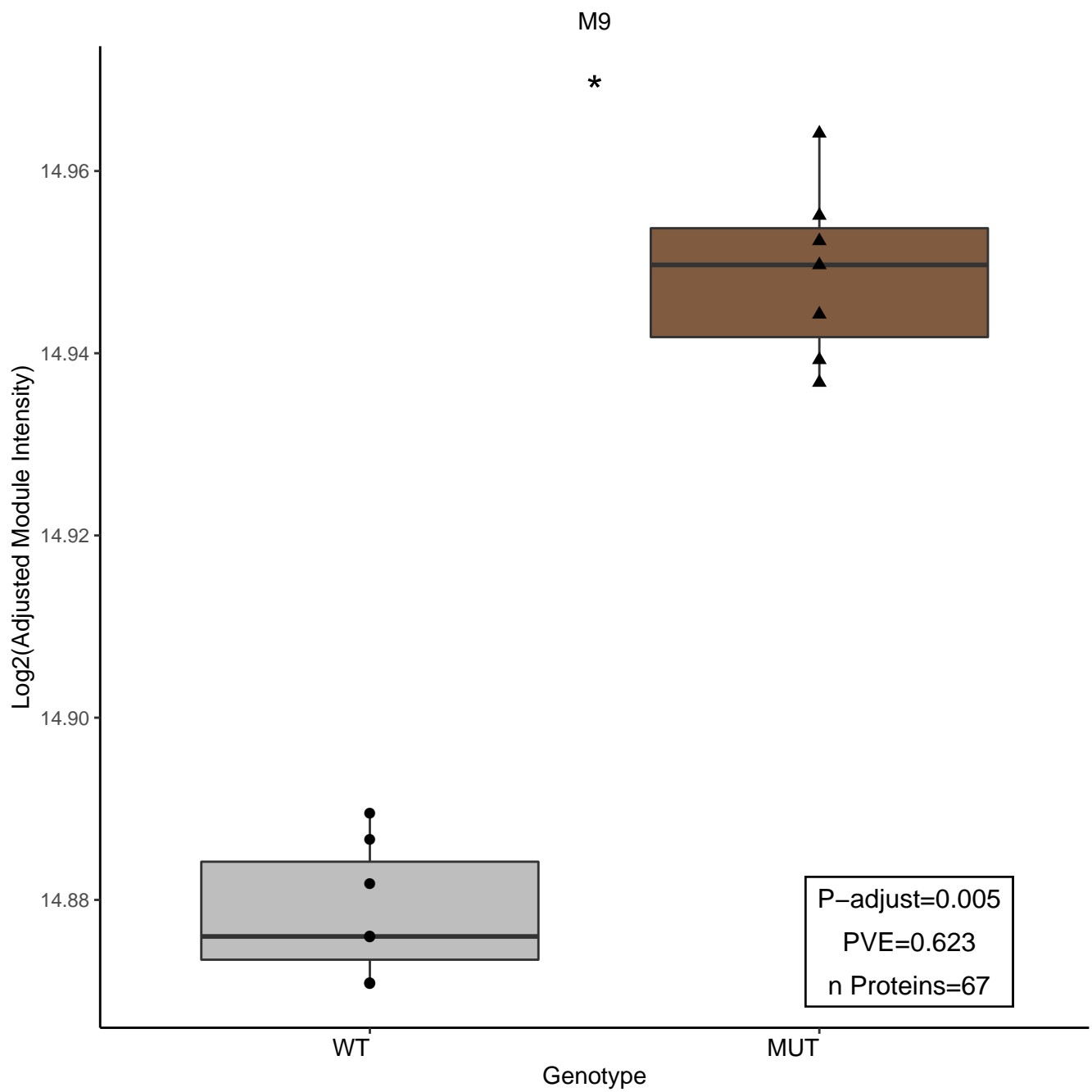
P-adjust=1

PVE=0.593

n Proteins=70







M10

Log2(Adjusted Module Intensity)

12.25

12.24

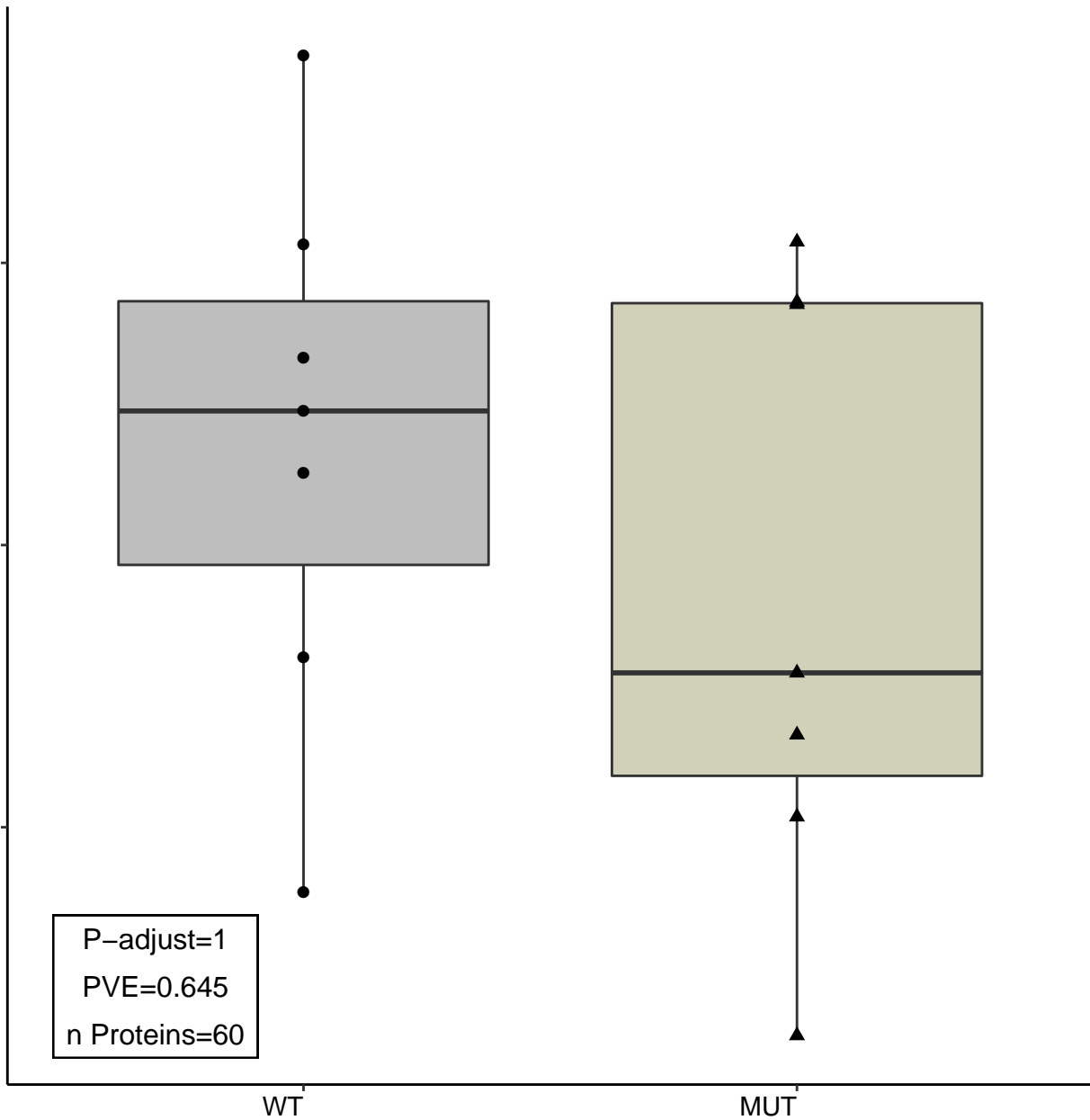
12.23

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

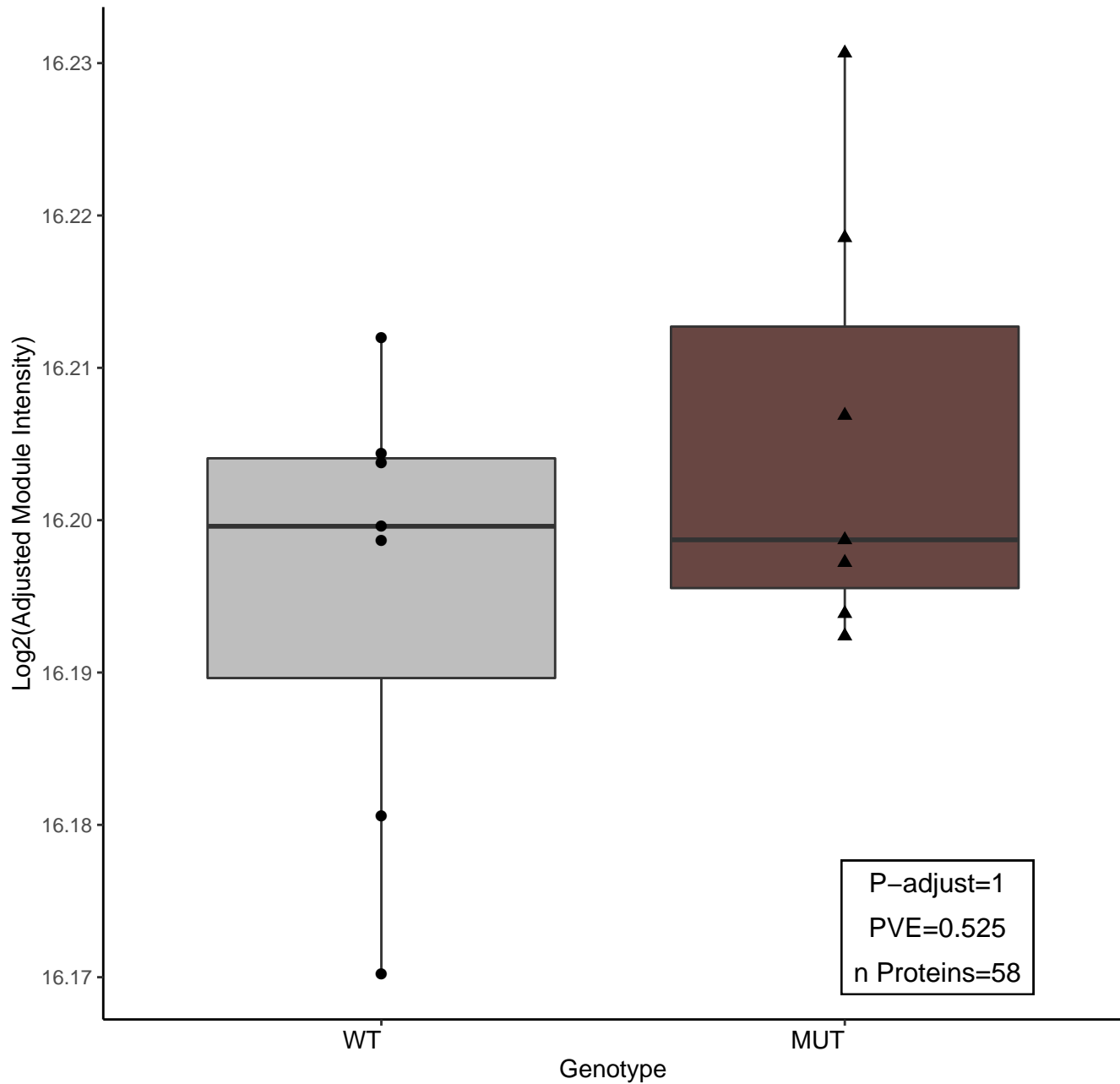
WT

Genotype

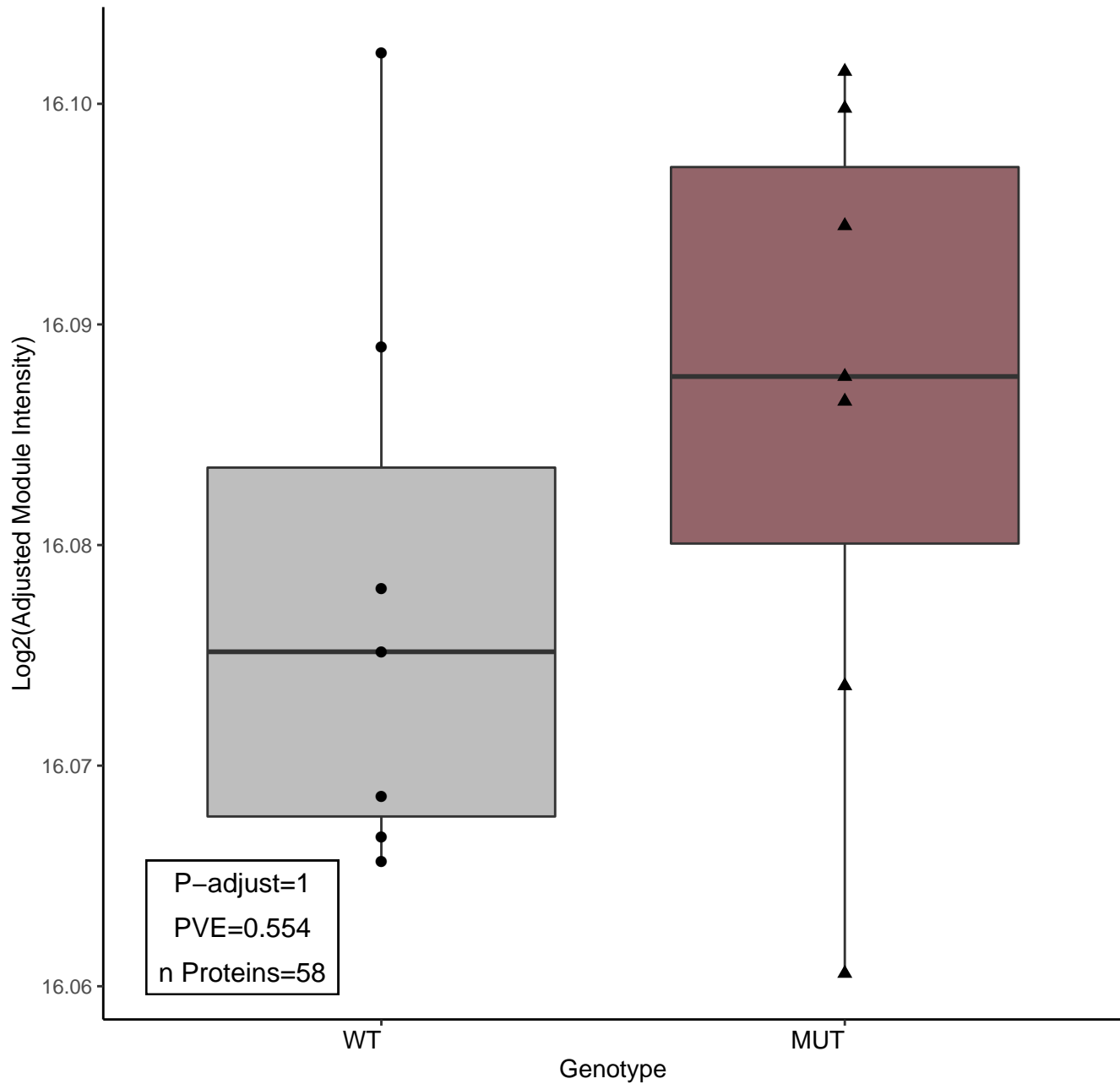
MUT



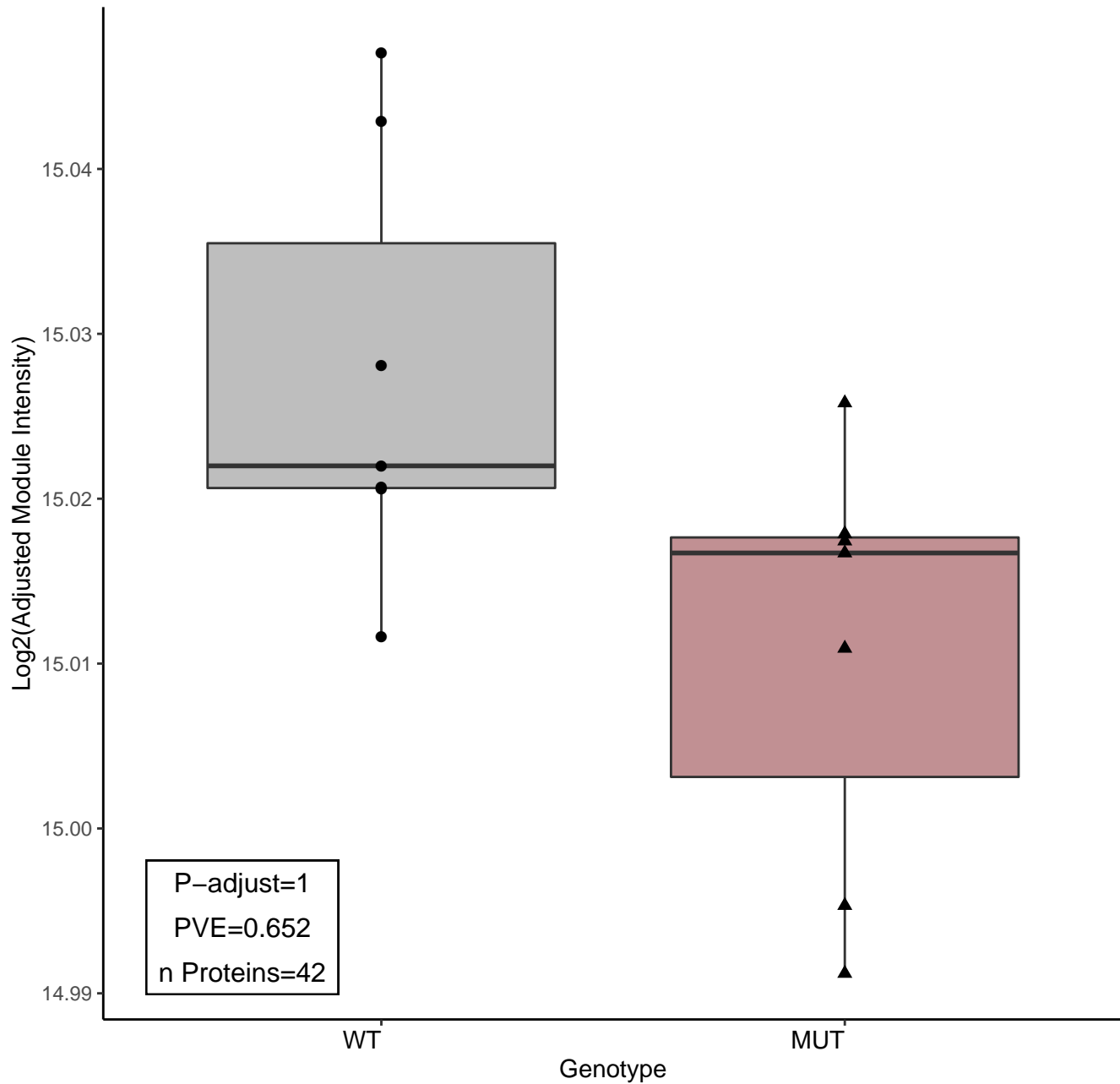
M11

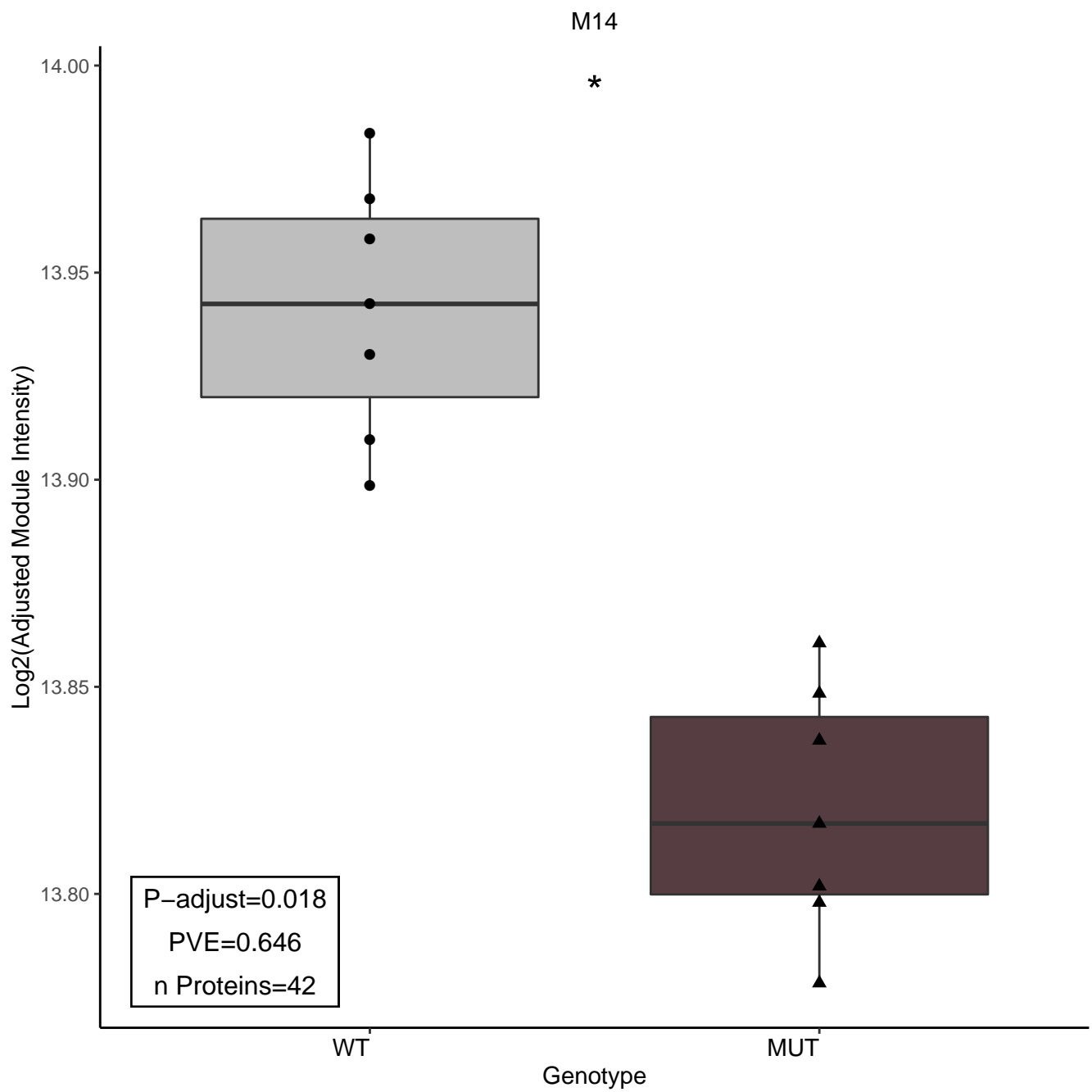


M12



M13





M15

Log2(Adjusted Module Intensity)

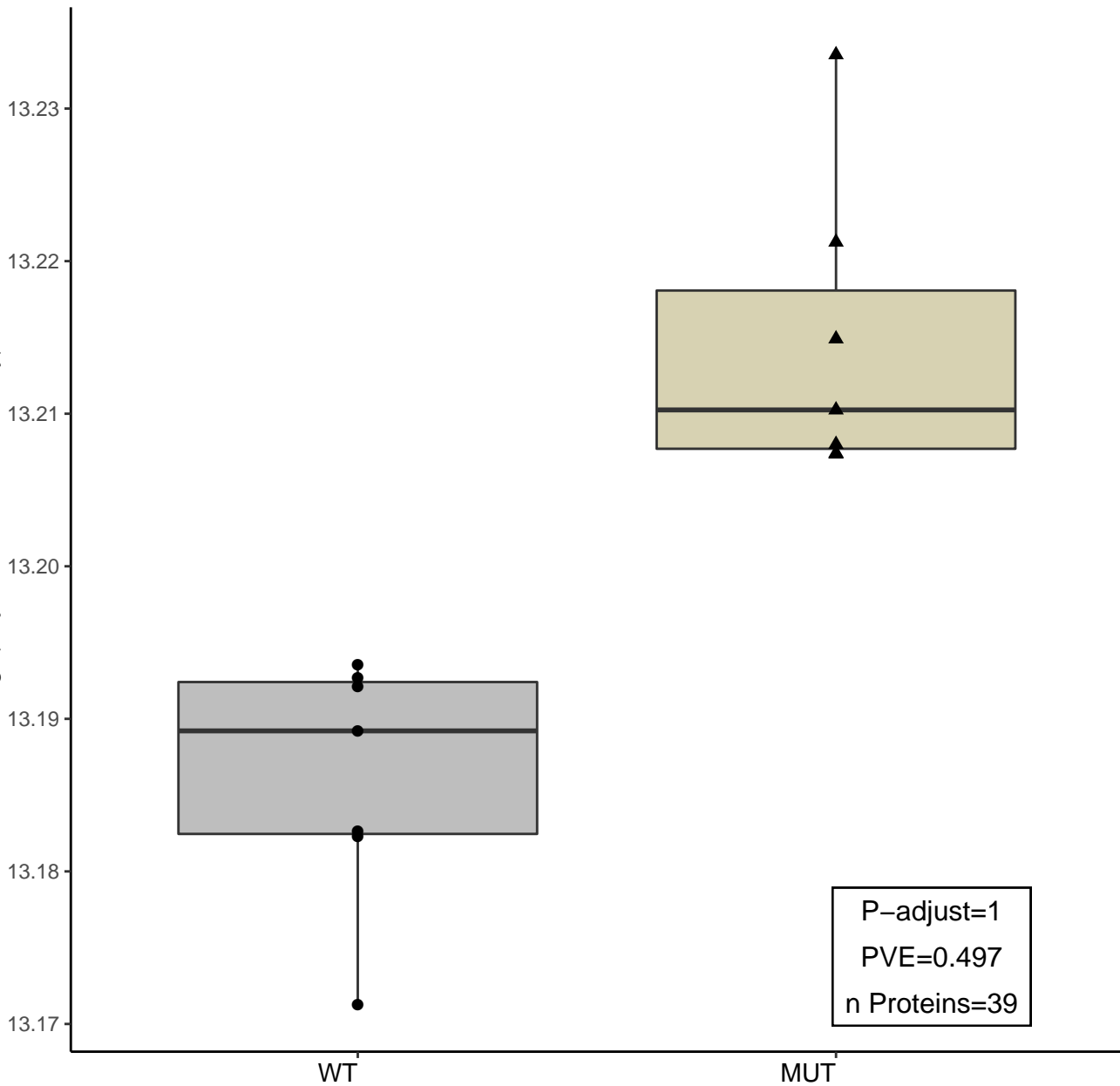
13.23  
13.22  
13.21  
13.20  
13.19  
13.18  
13.17

WT

MUT

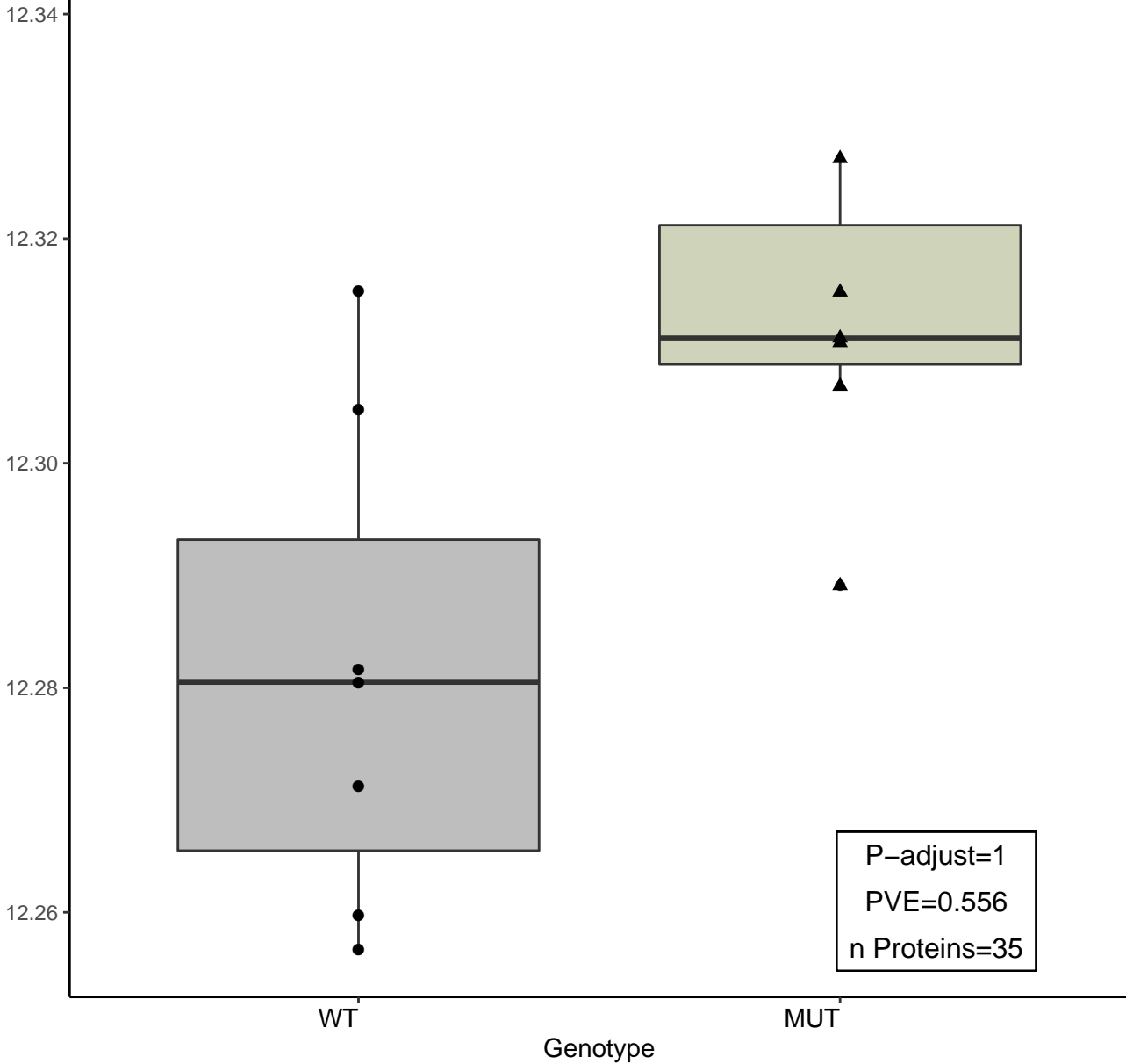
Genotype

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



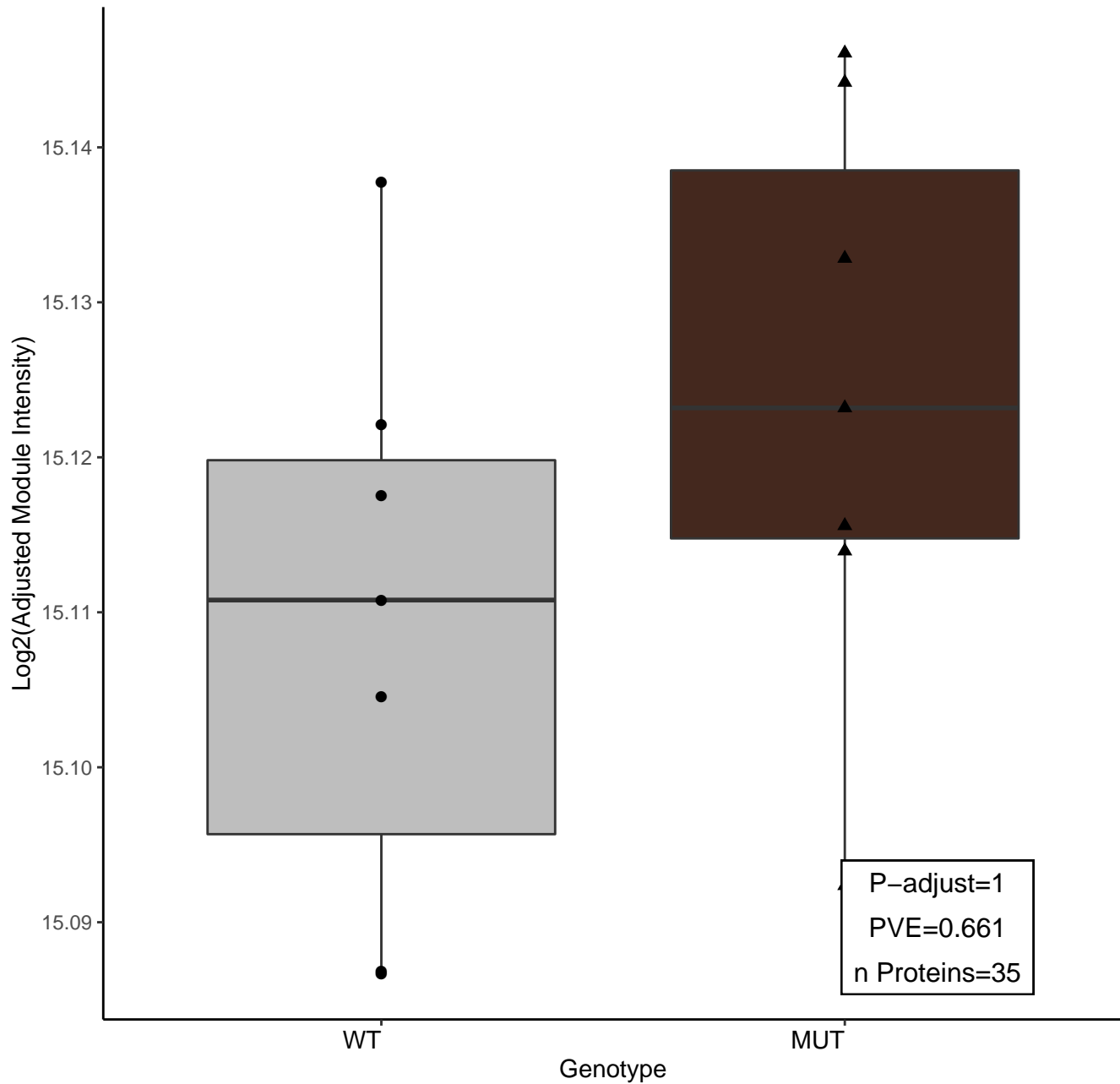
M16

Log2(Adjusted Module Intensity)

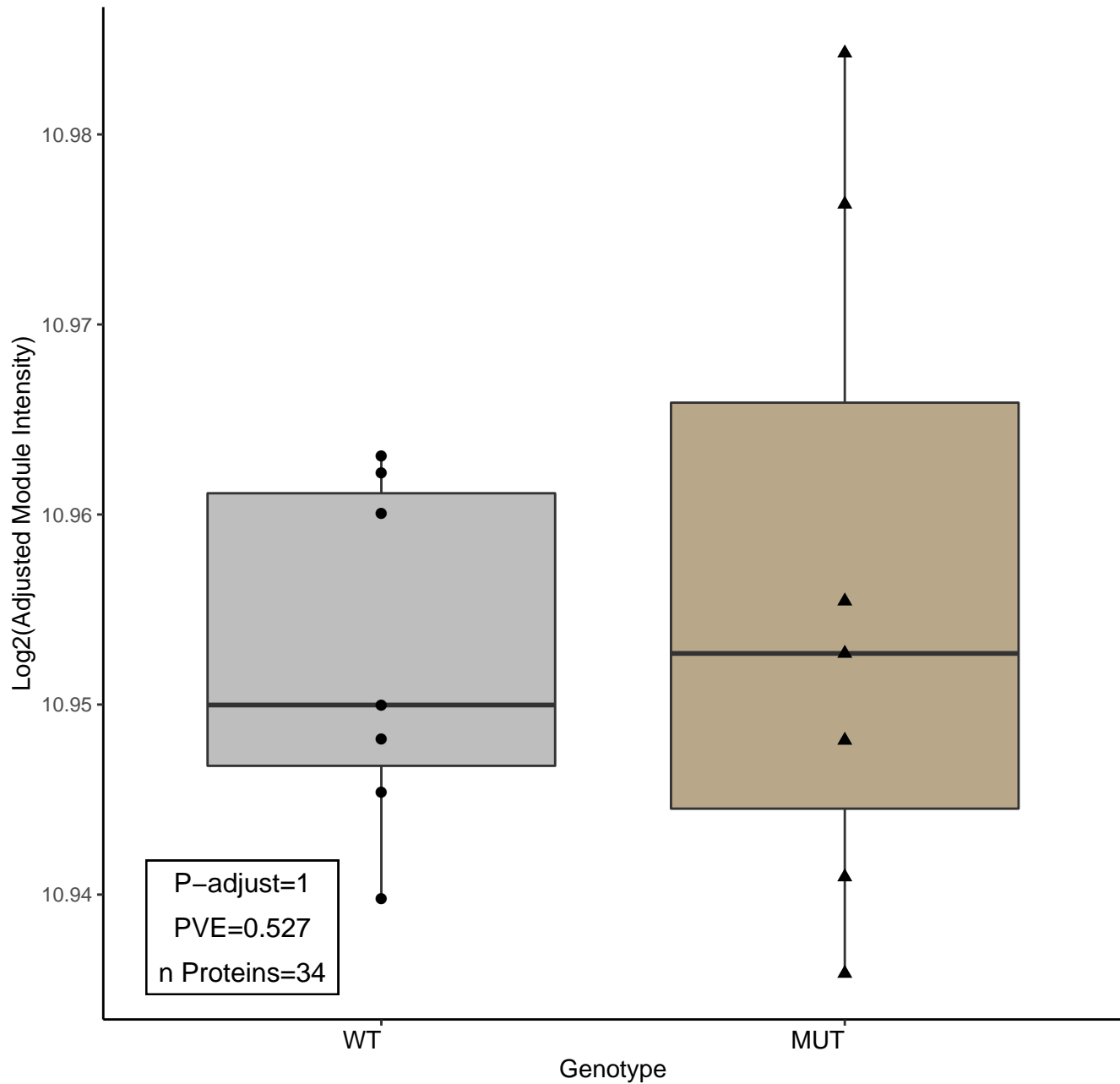




M17



M18



M19

\*\*

Log2(Adjusted Module Intensity)

13.25

13.20

13.15

13.10

13.05

13.00

12.95

P-adjust=0.001

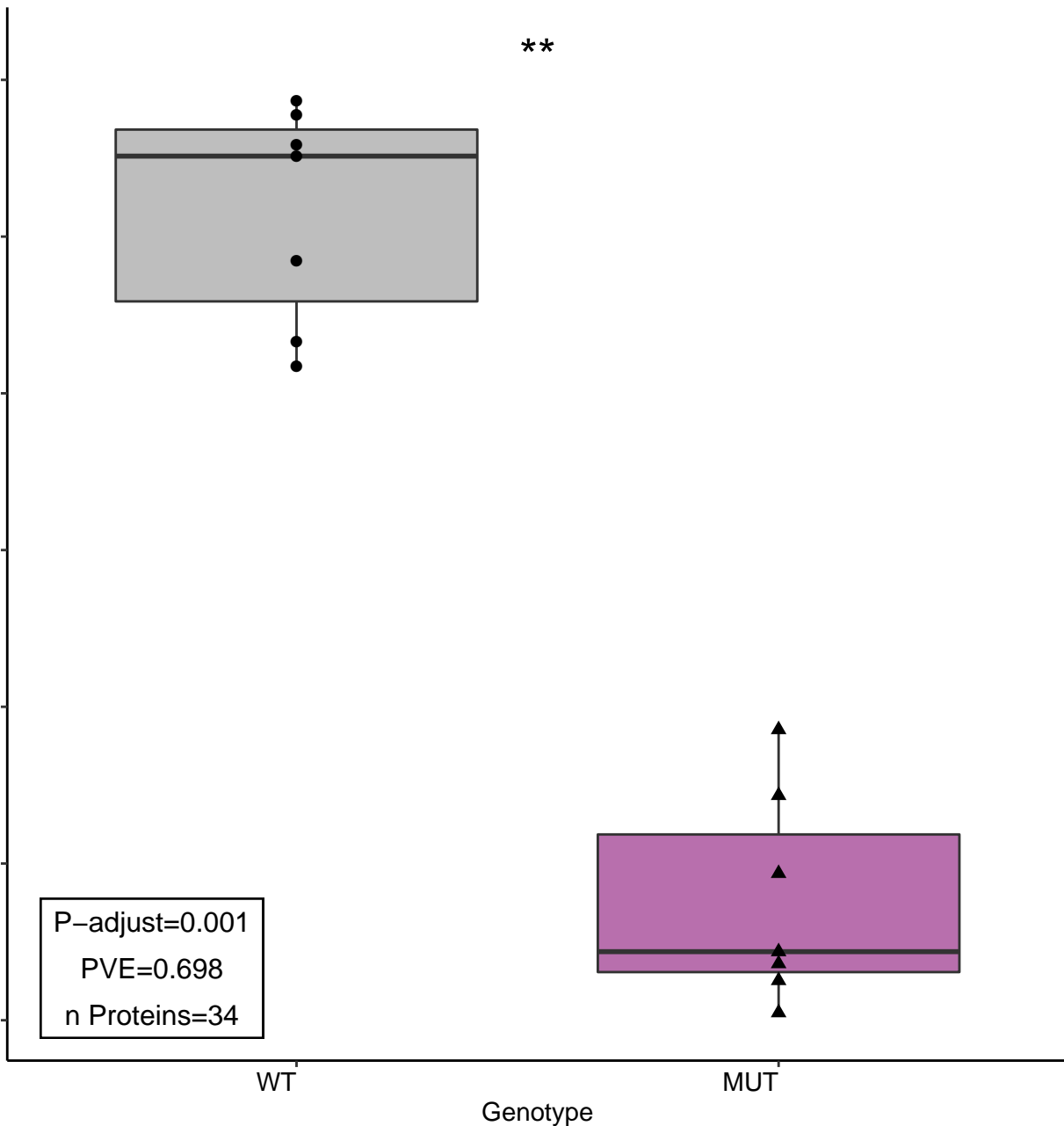
PVE=0.698

n Proteins=34

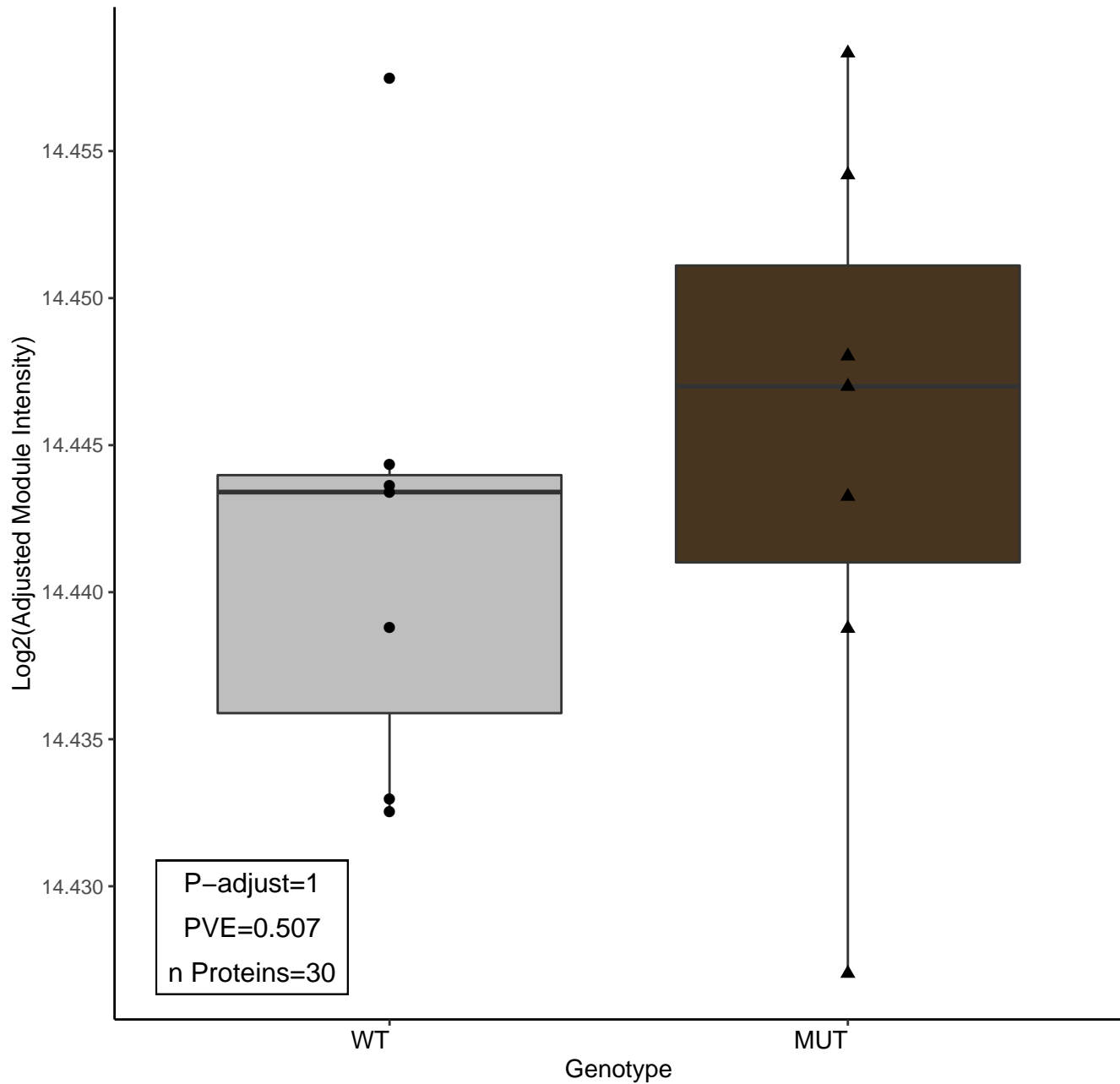
WT

Genotype

MUT



M20



M21

Log2(Adjusted Module Intensity)

P-adjust=0.359  
PVE=0.628  
n Proteins=27

WT

Genotype

MUT

12.06

12.04

12.02

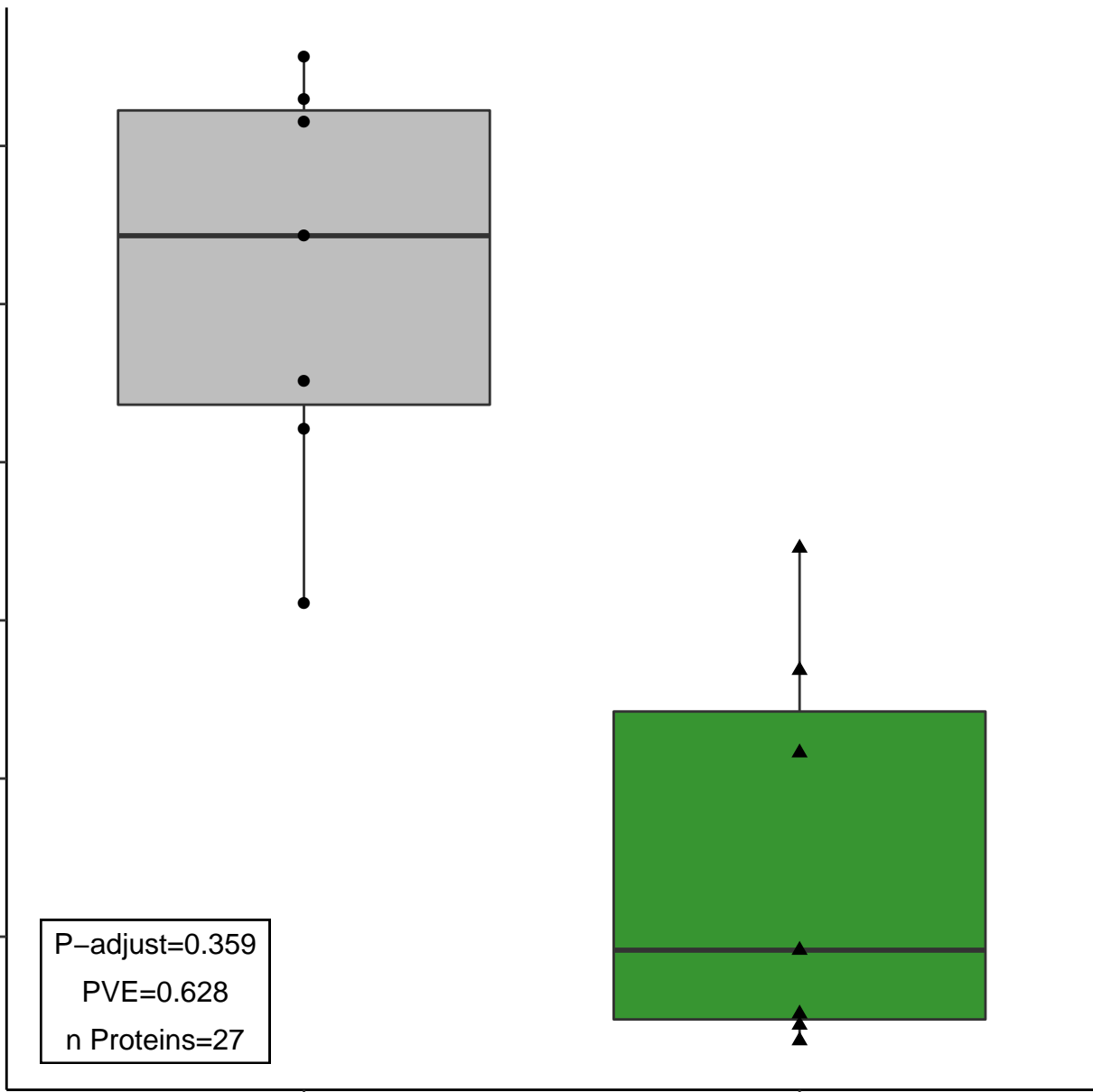
12.00

11.98

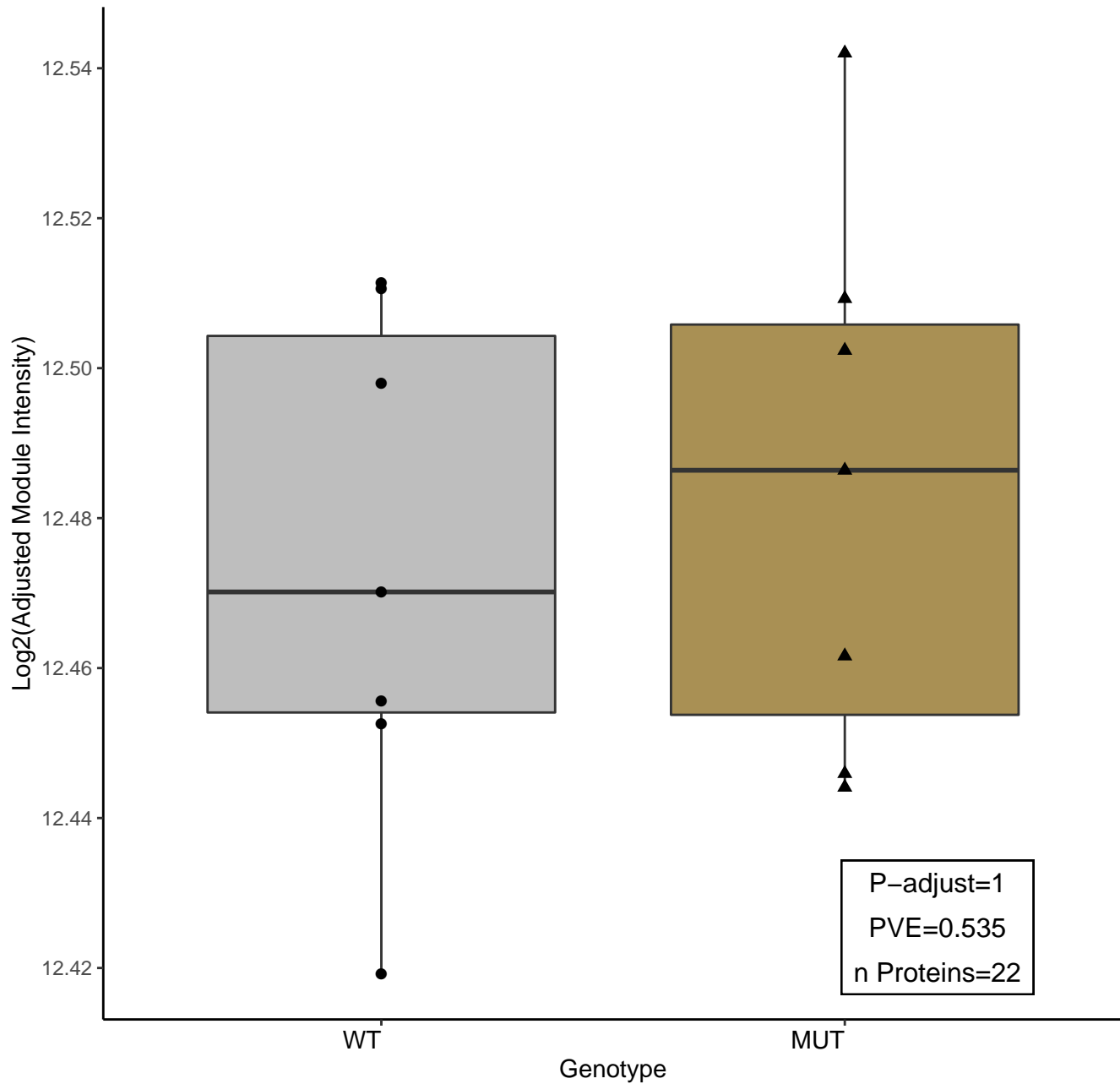
11.96

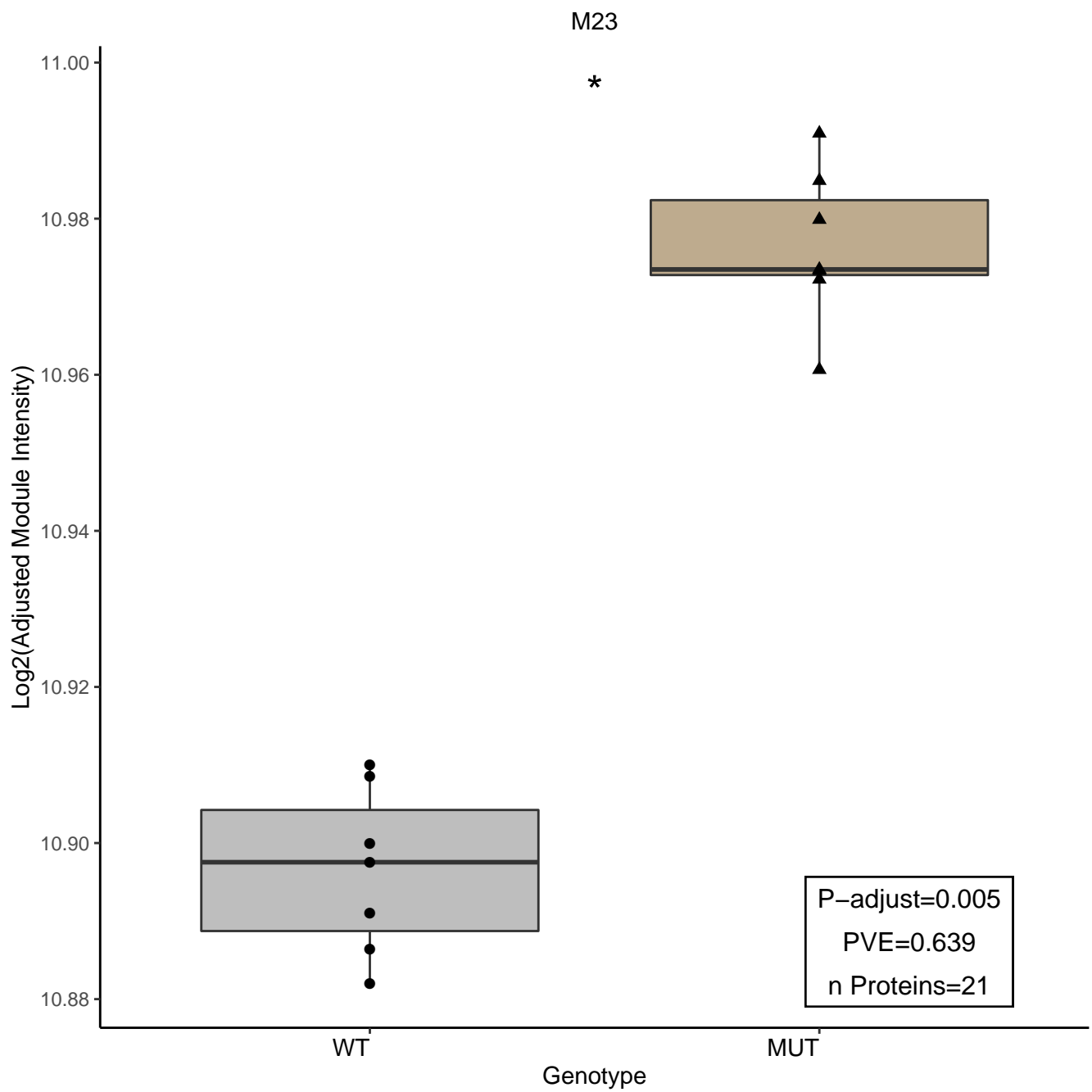
11.98

11.96

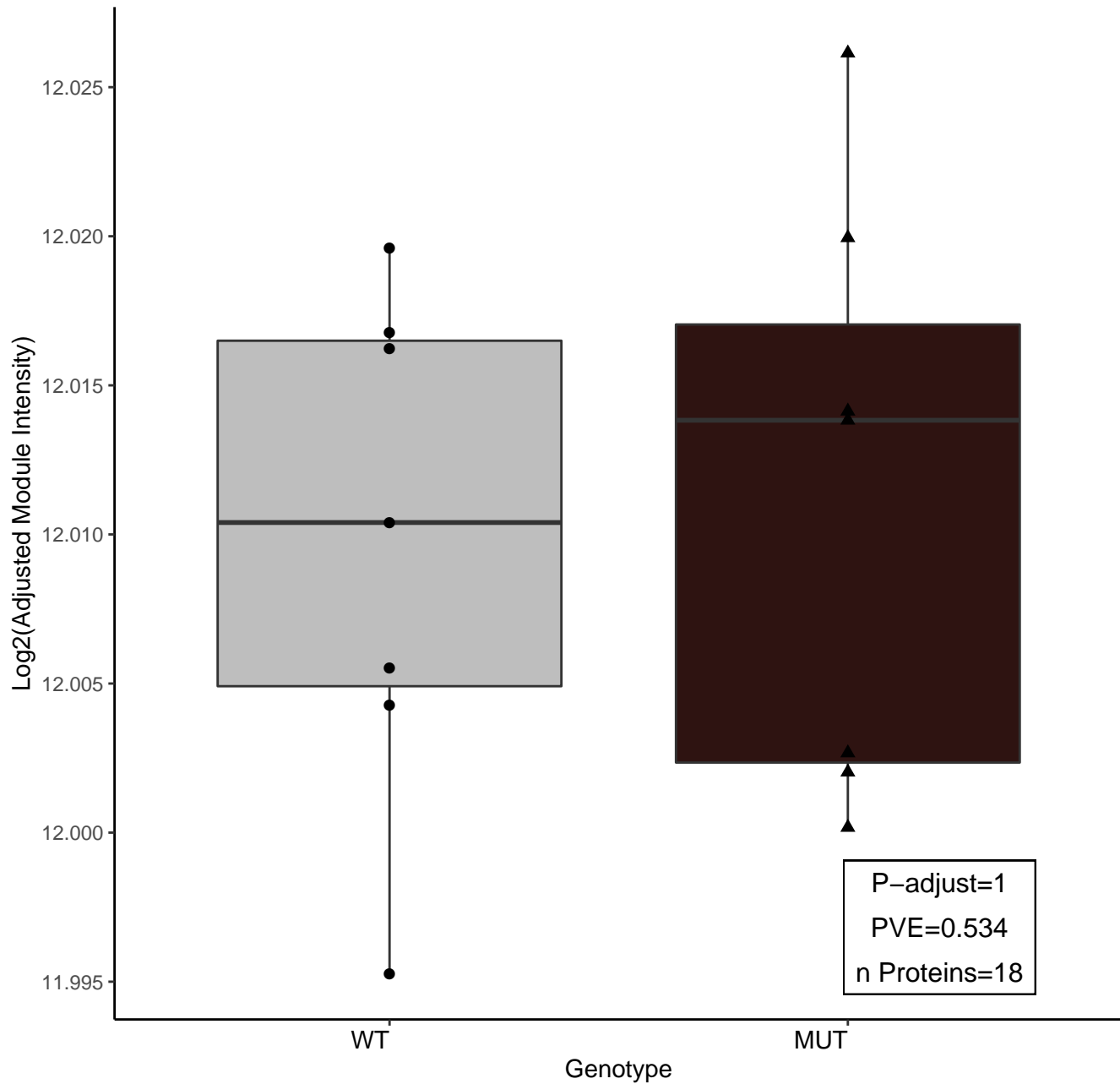


M22



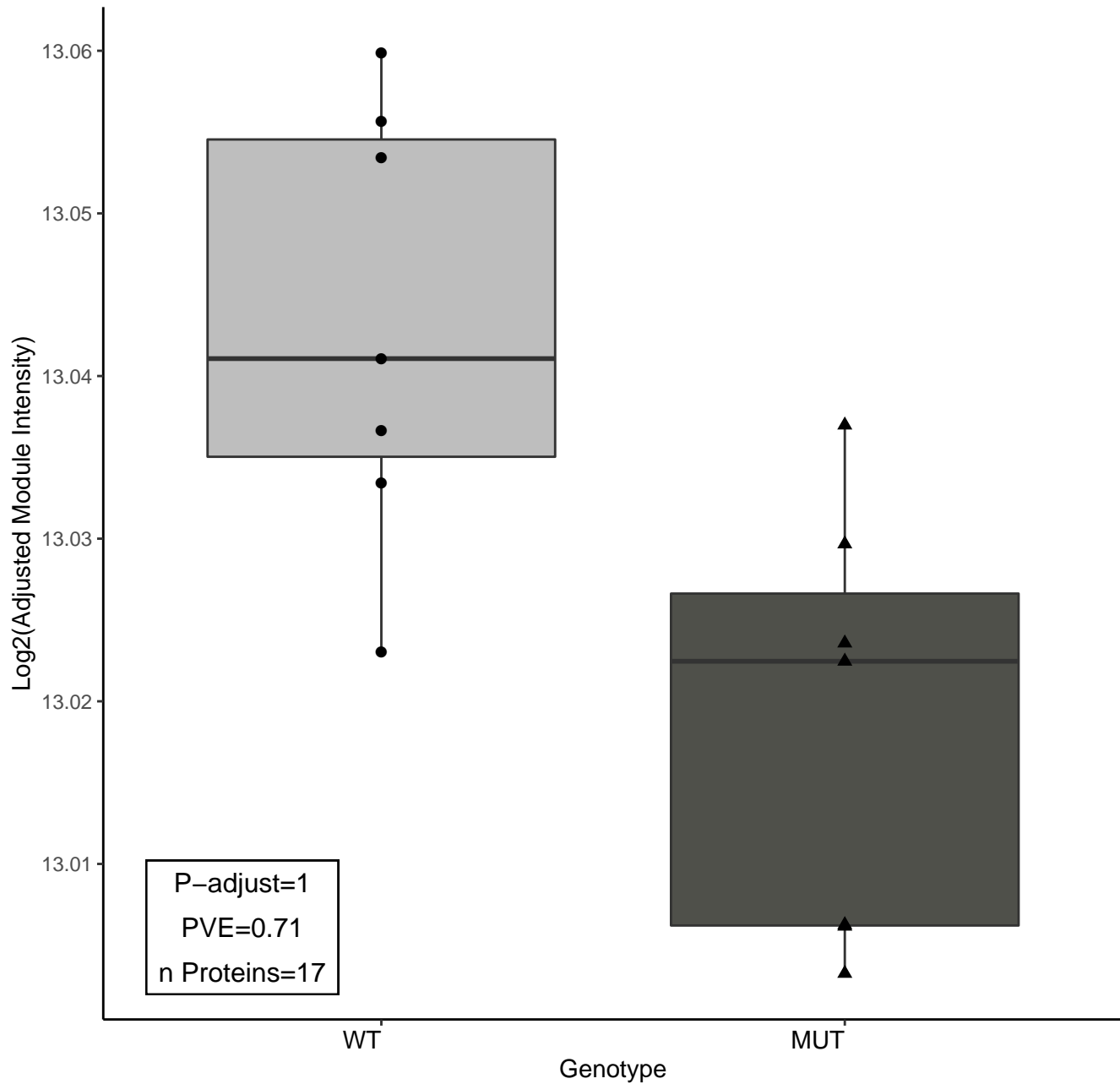


M24





M25



M26

Log2(Adjusted Module Intensity)

11.51

11.50

11.49

11.48

11.47

WT

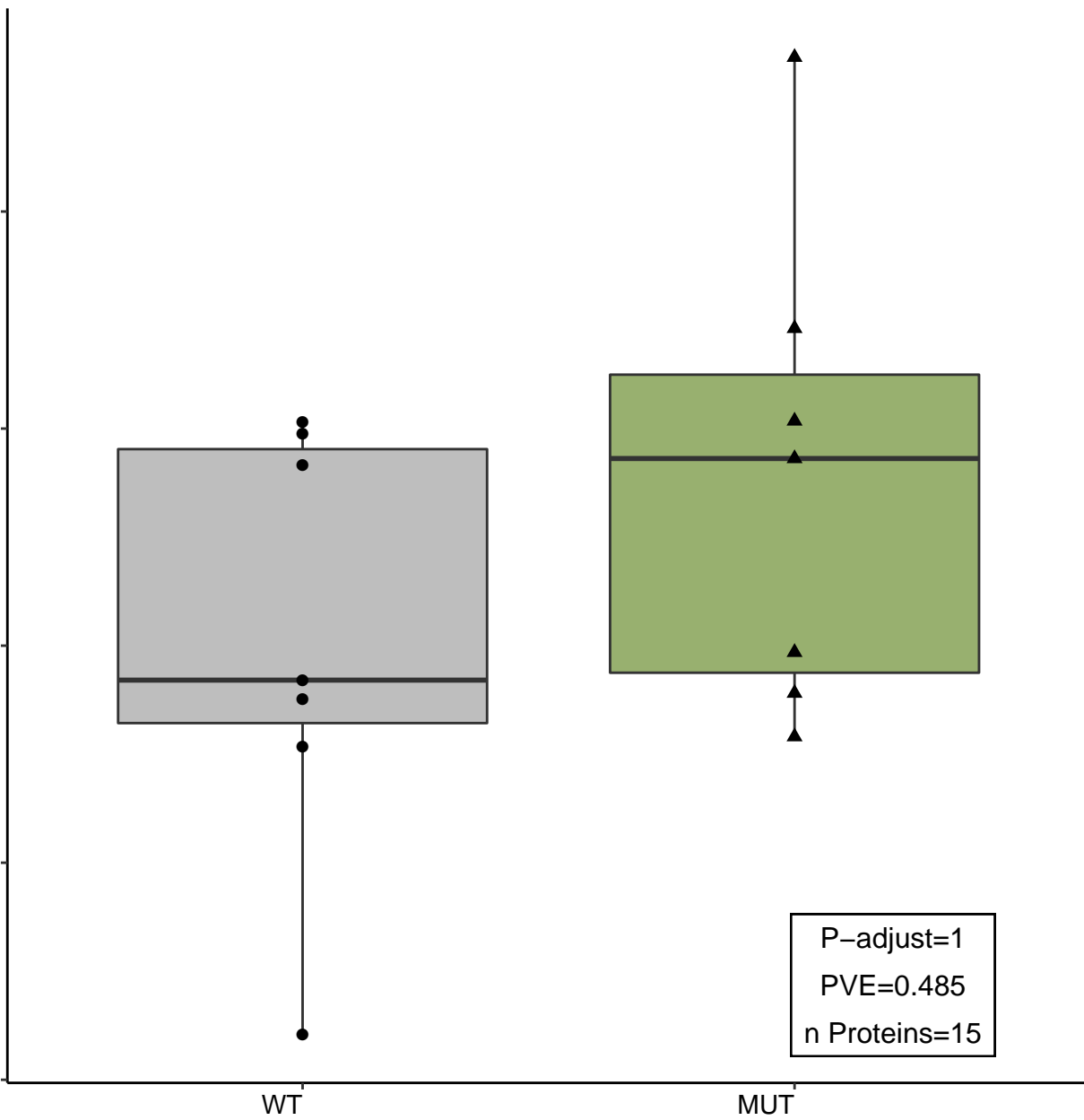
MUT

Genotype

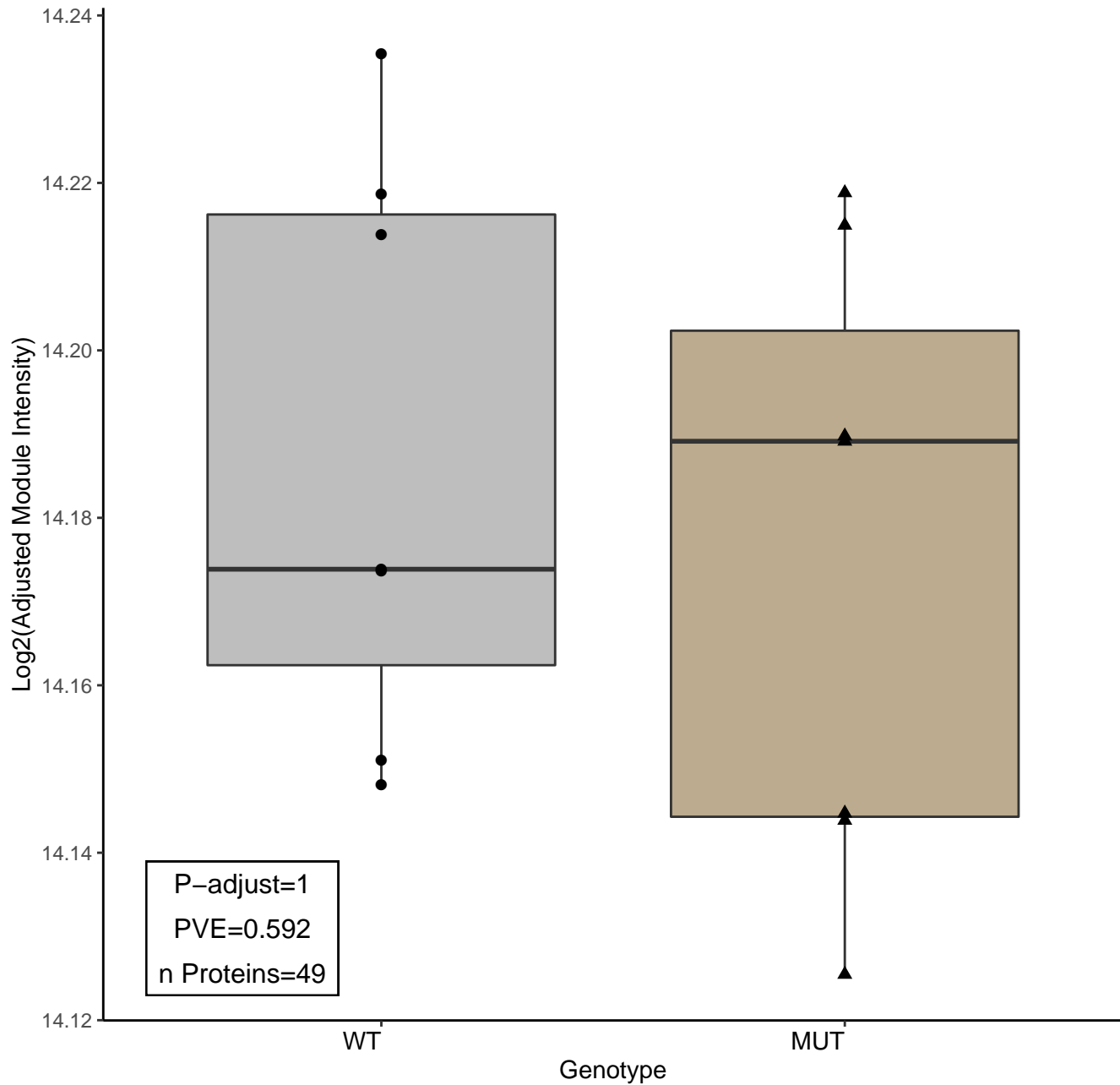
P-adjust=1

PVE=0.485

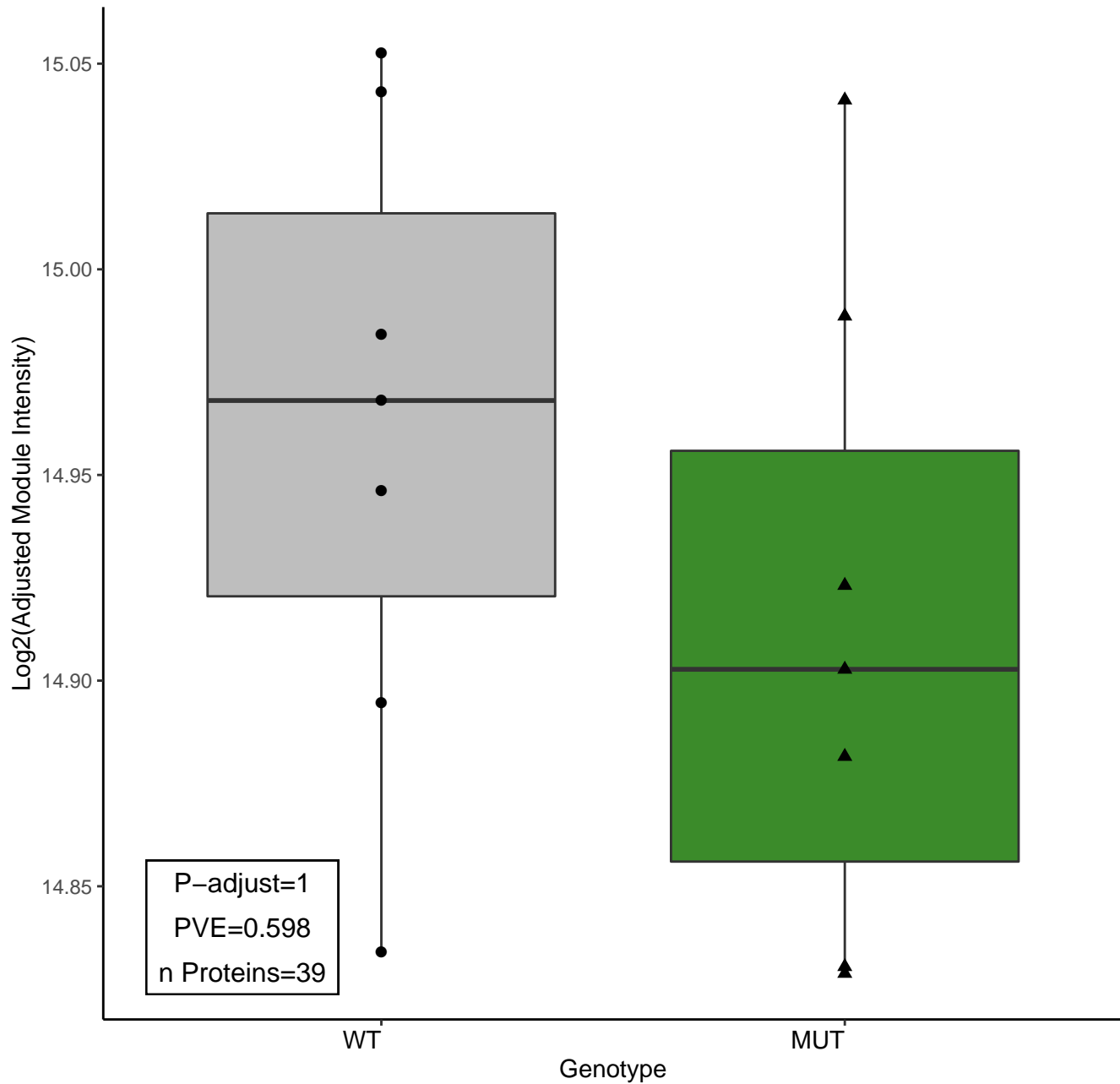
n Proteins=15



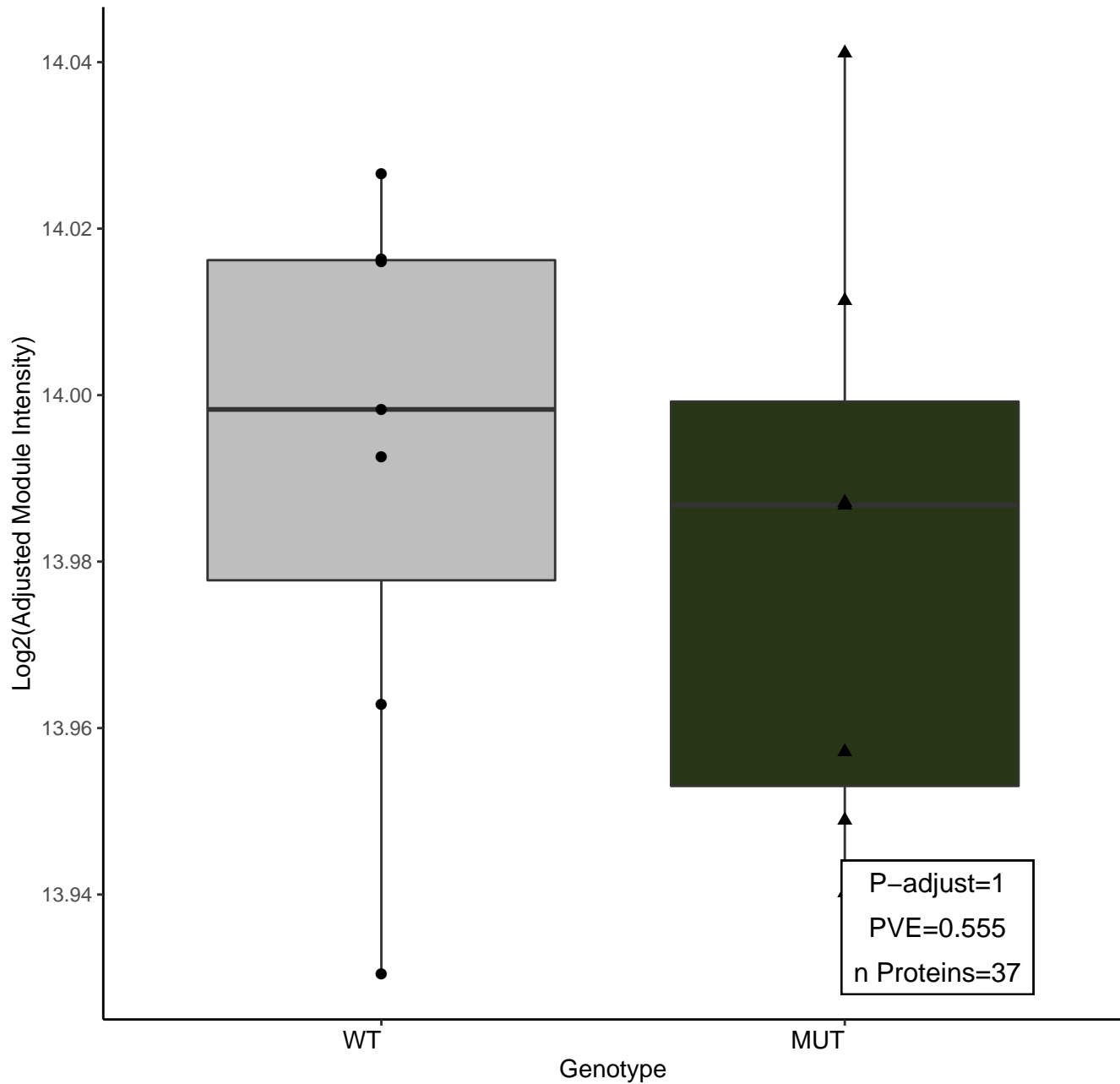
M27



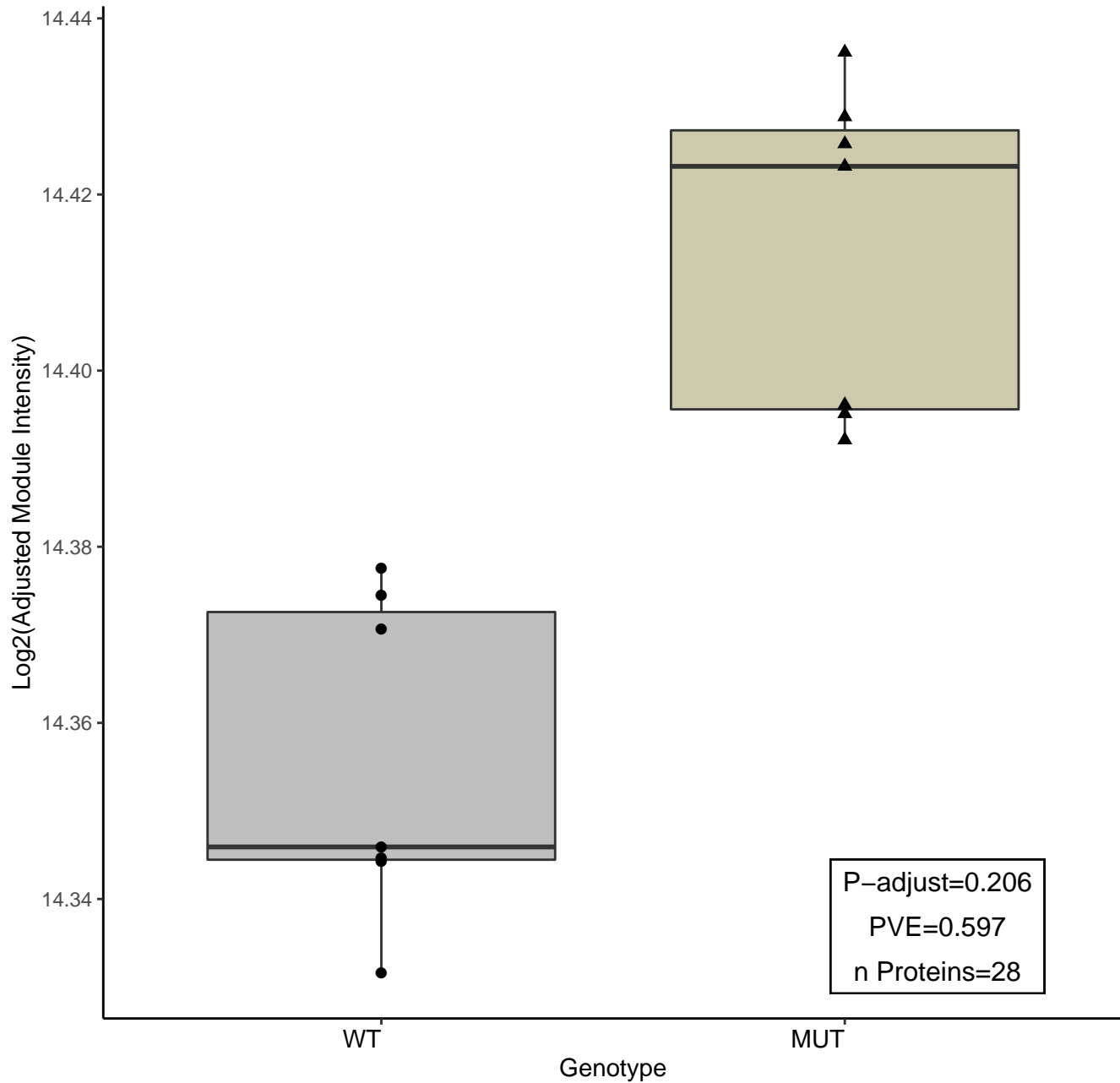
M28



M29



M30



M31

Log2(Adjusted Module Intensity)

12.45

12.40

12.35

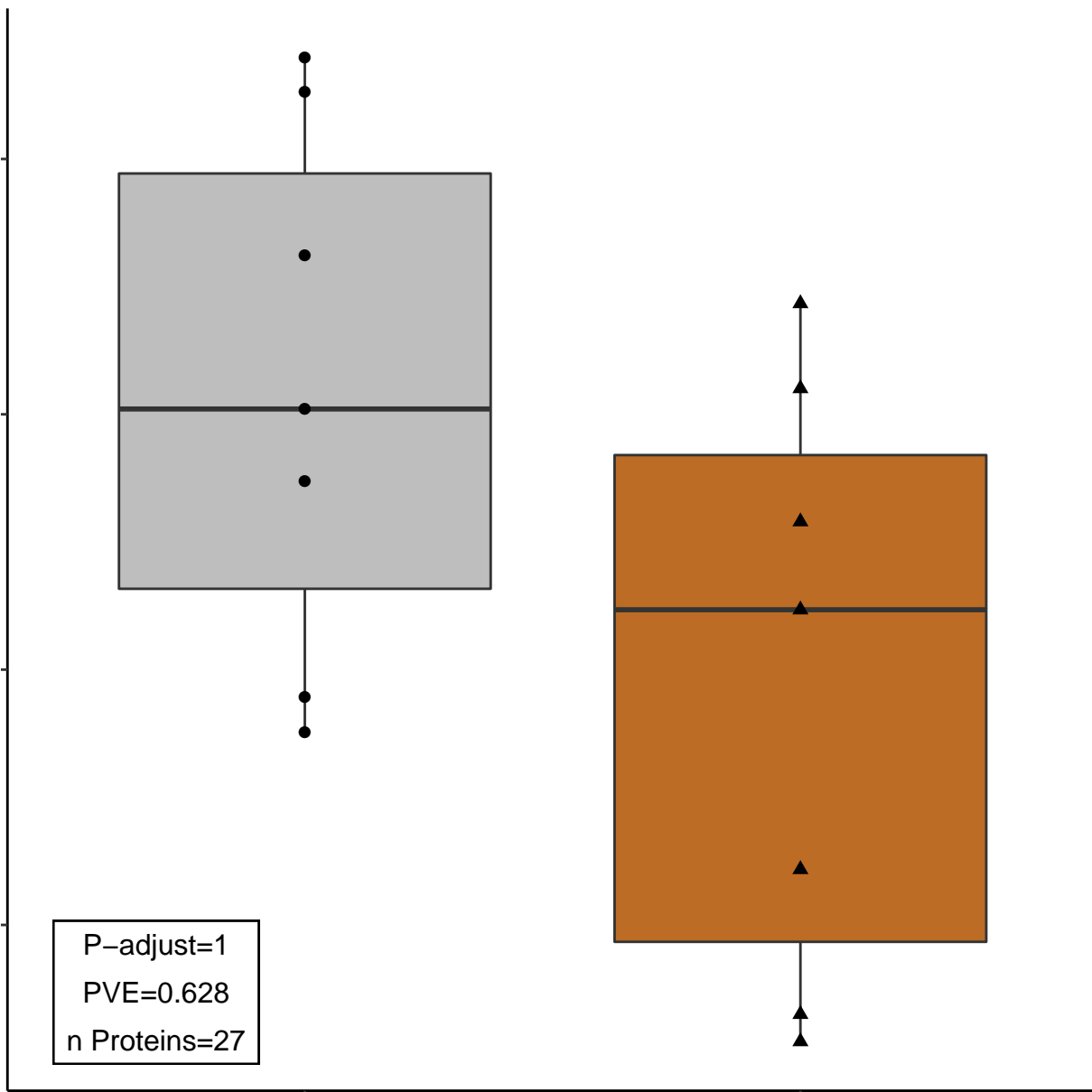
12.30

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

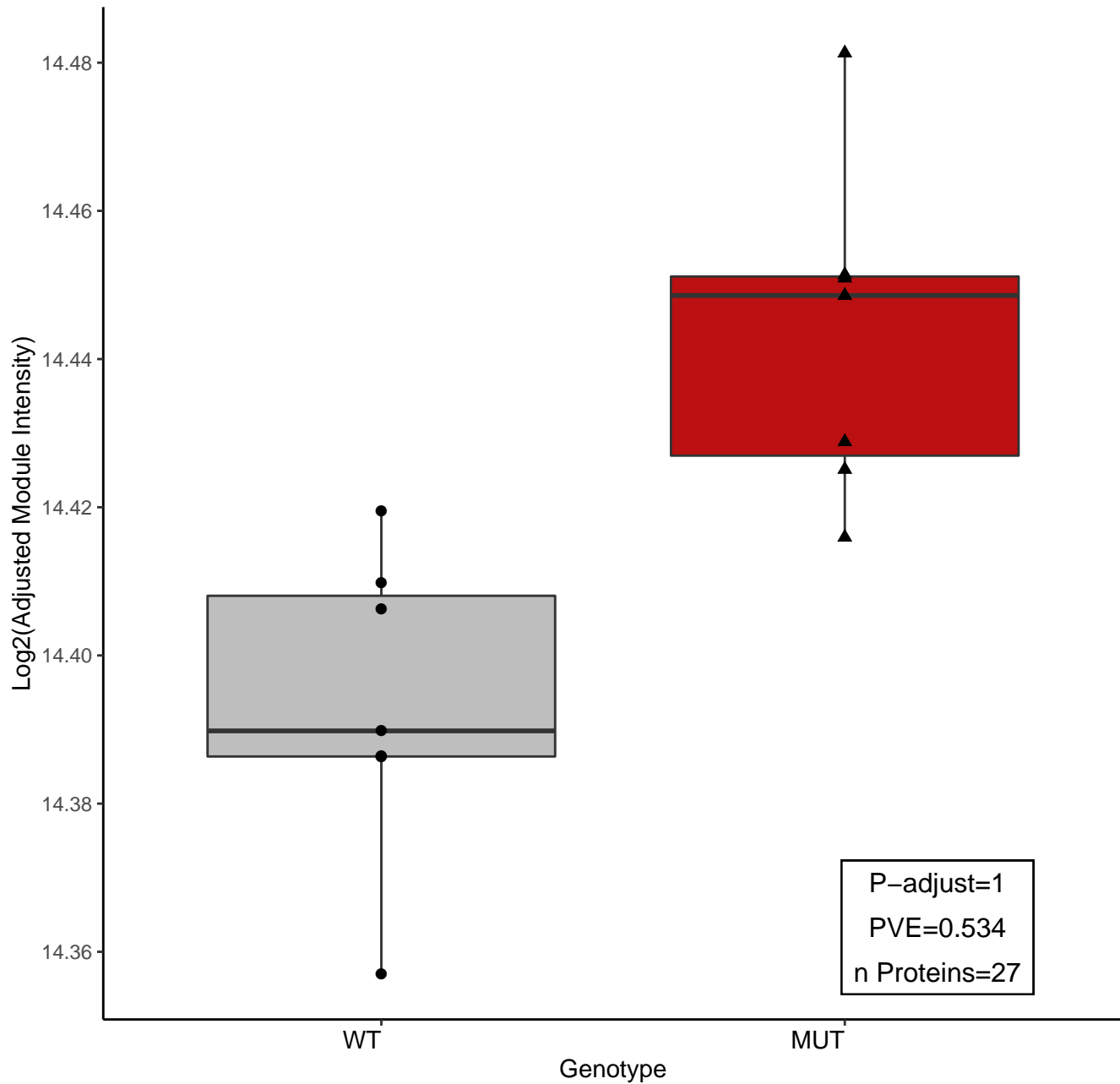
WT

Genotype

MUT



M32





M33

Log2(Adjusted Module Intensity)

12.00

11.95

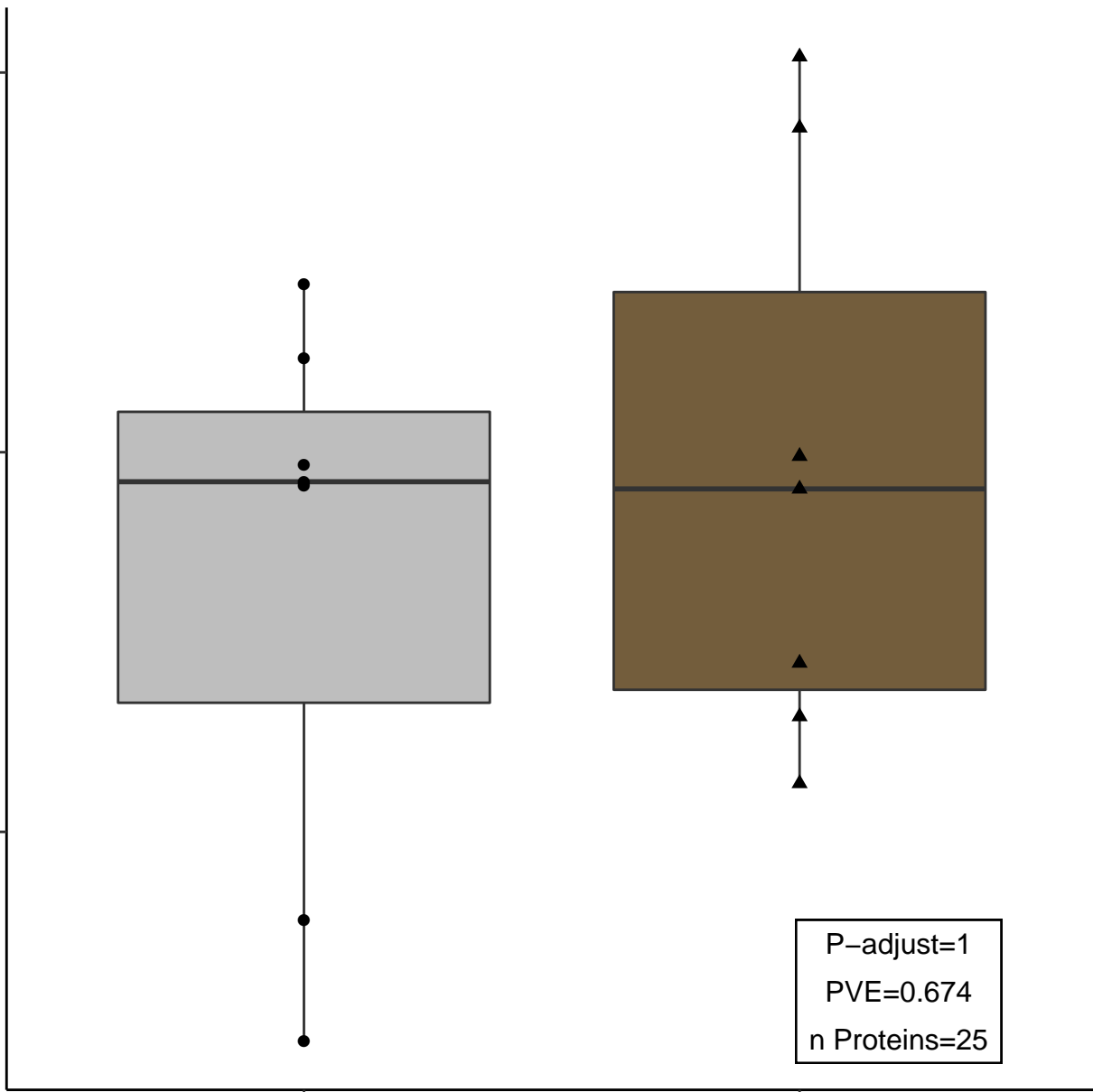
11.90

WT

Genotype

MUT

P-adjust=1  
PVE=0.674  
n Proteins=25



M34

Log2(Adjusted Module Intensity)

12.35

12.30

12.25

P-adjust=1

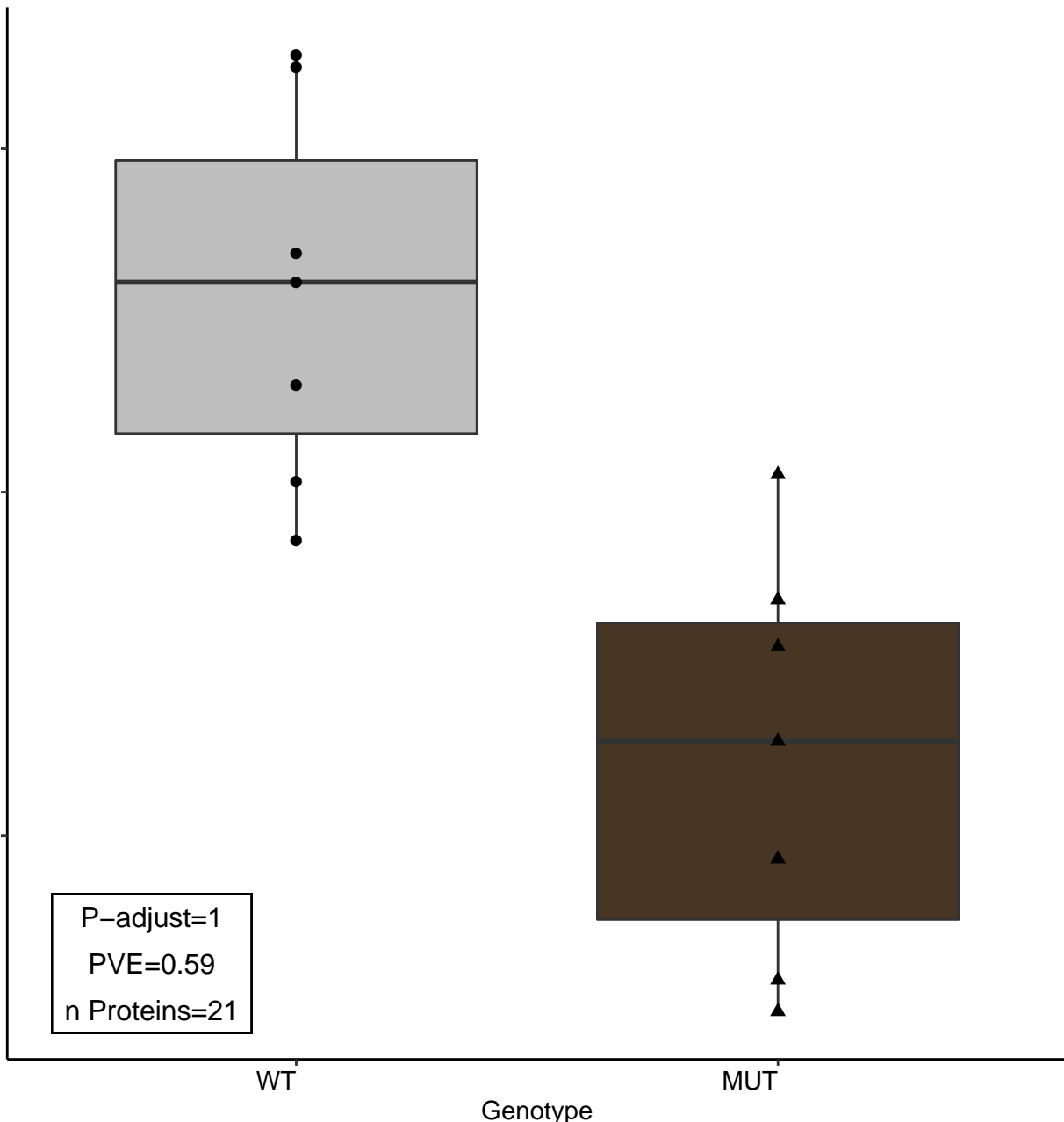
PVE=0.59

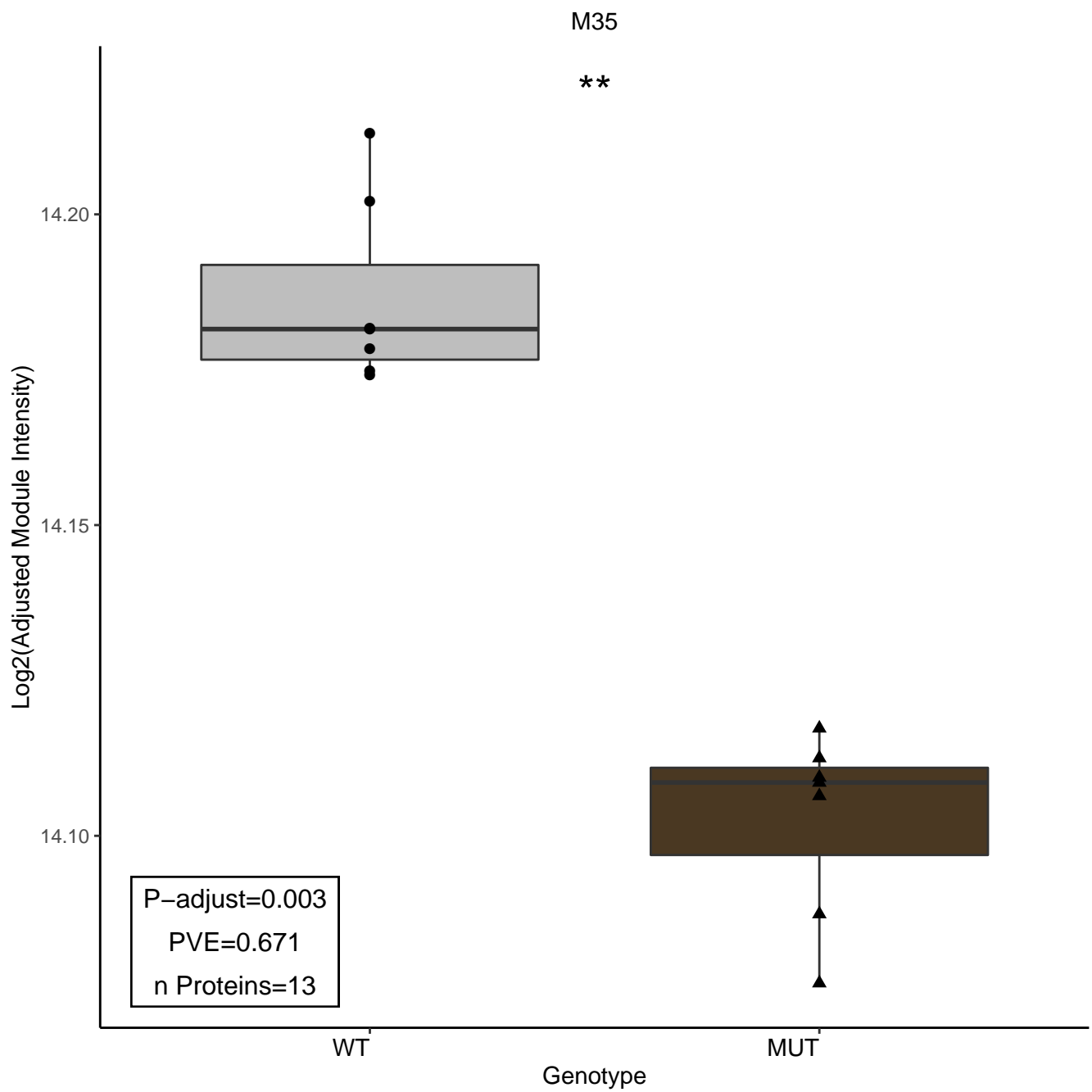
n Proteins=21

WT

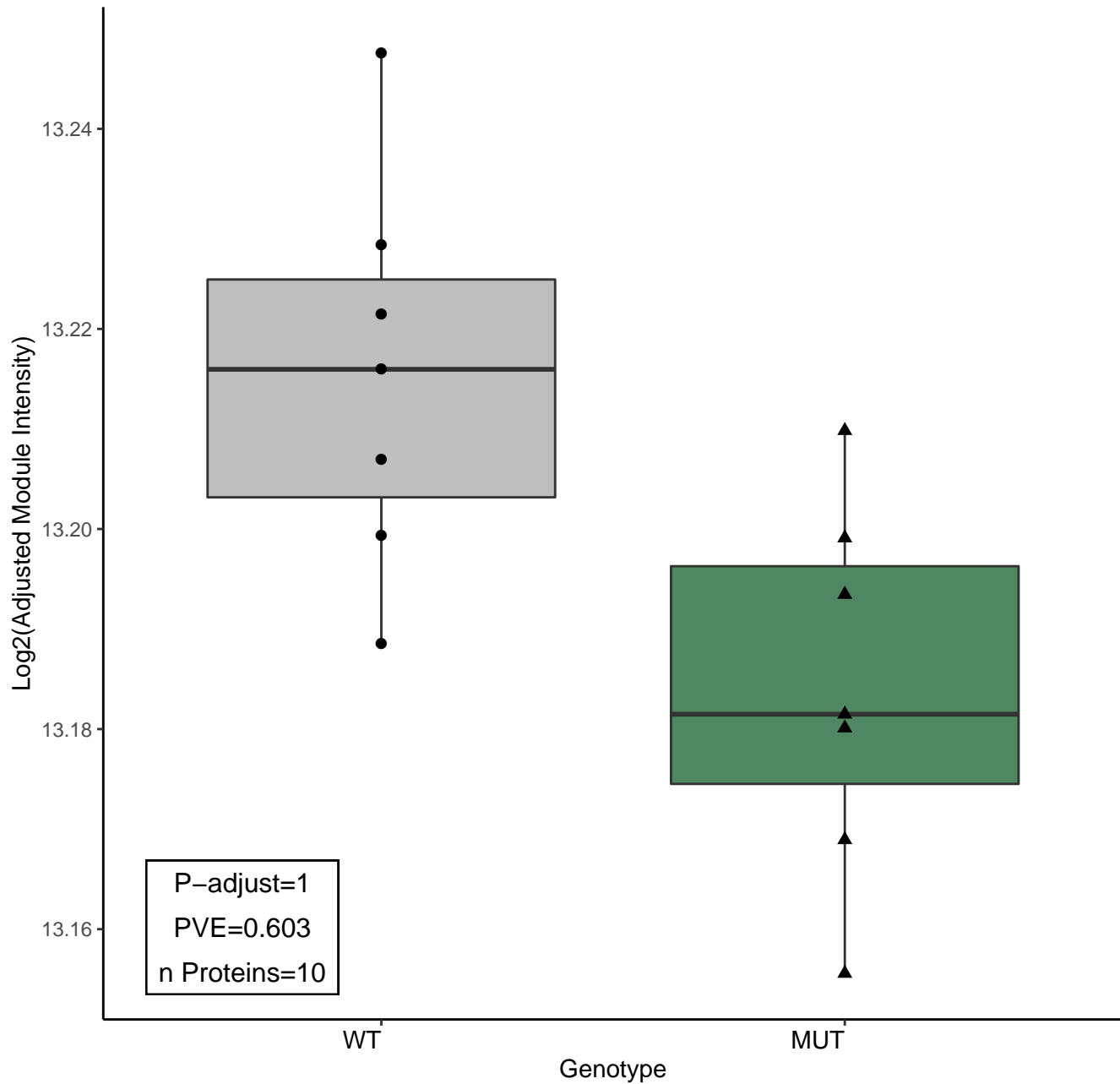
Genotype

MUT

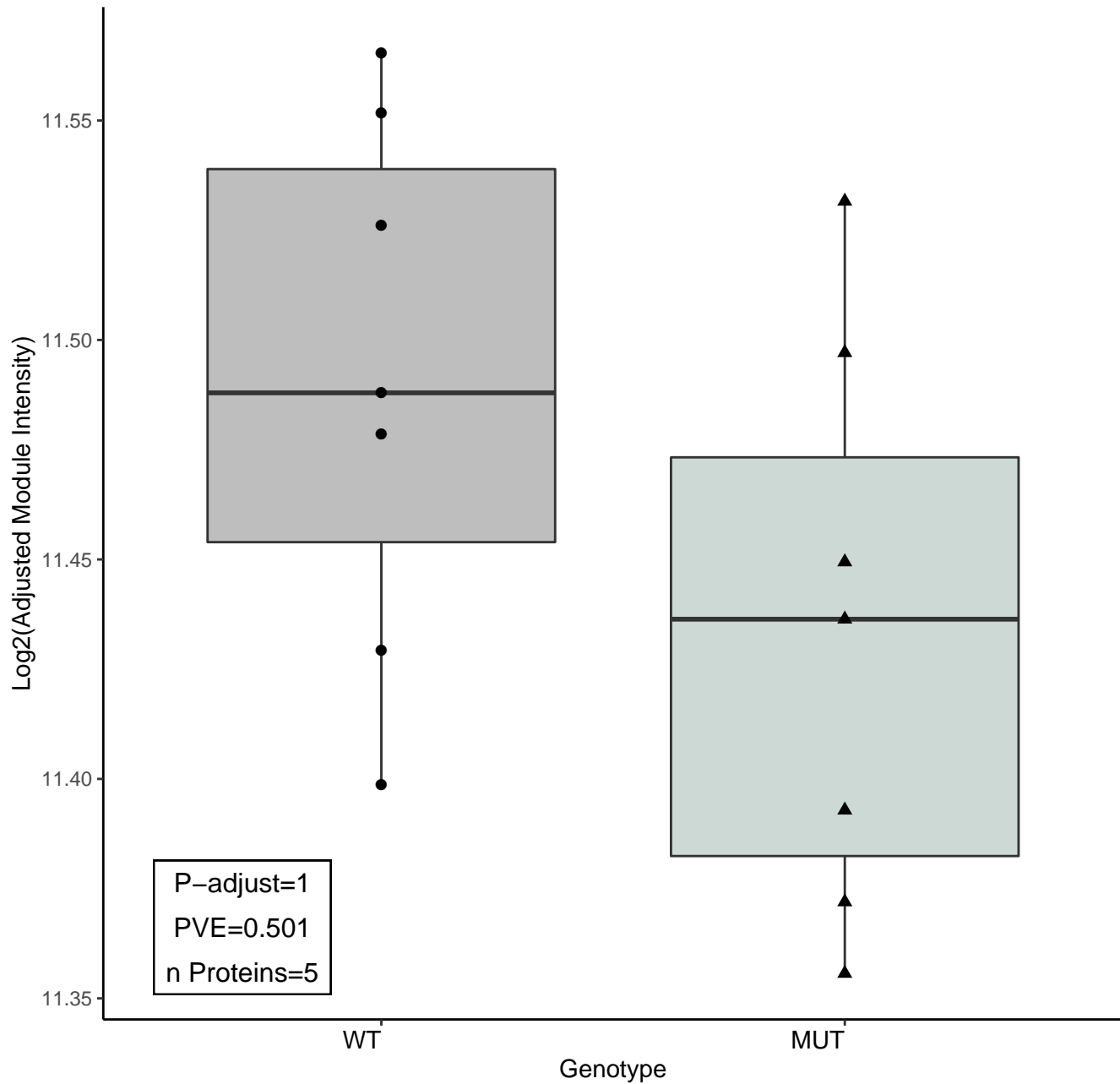




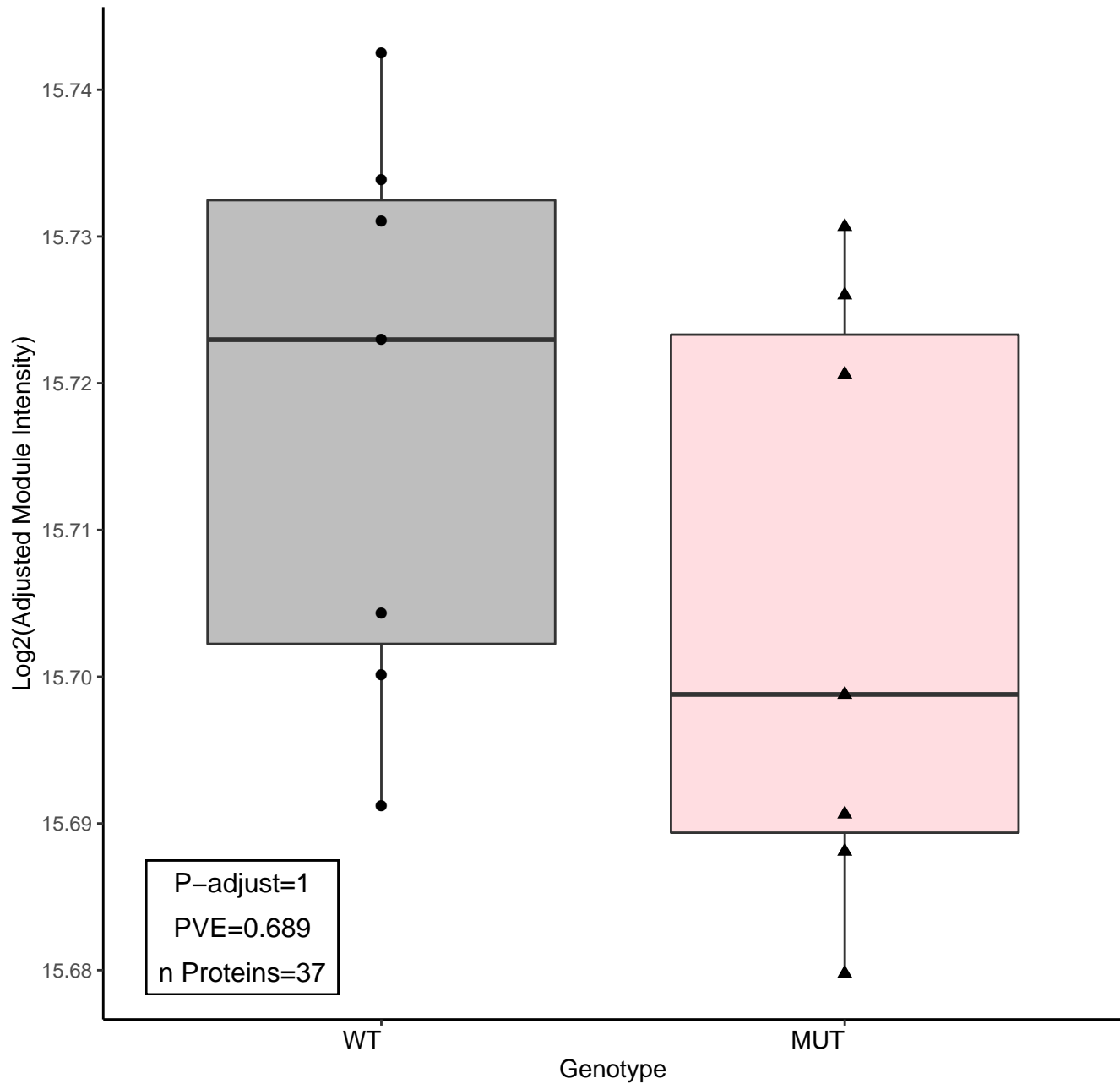
M36



M37



M38



M39

Log2(Adjusted Module Intensity)

14.50

14.48

14.46

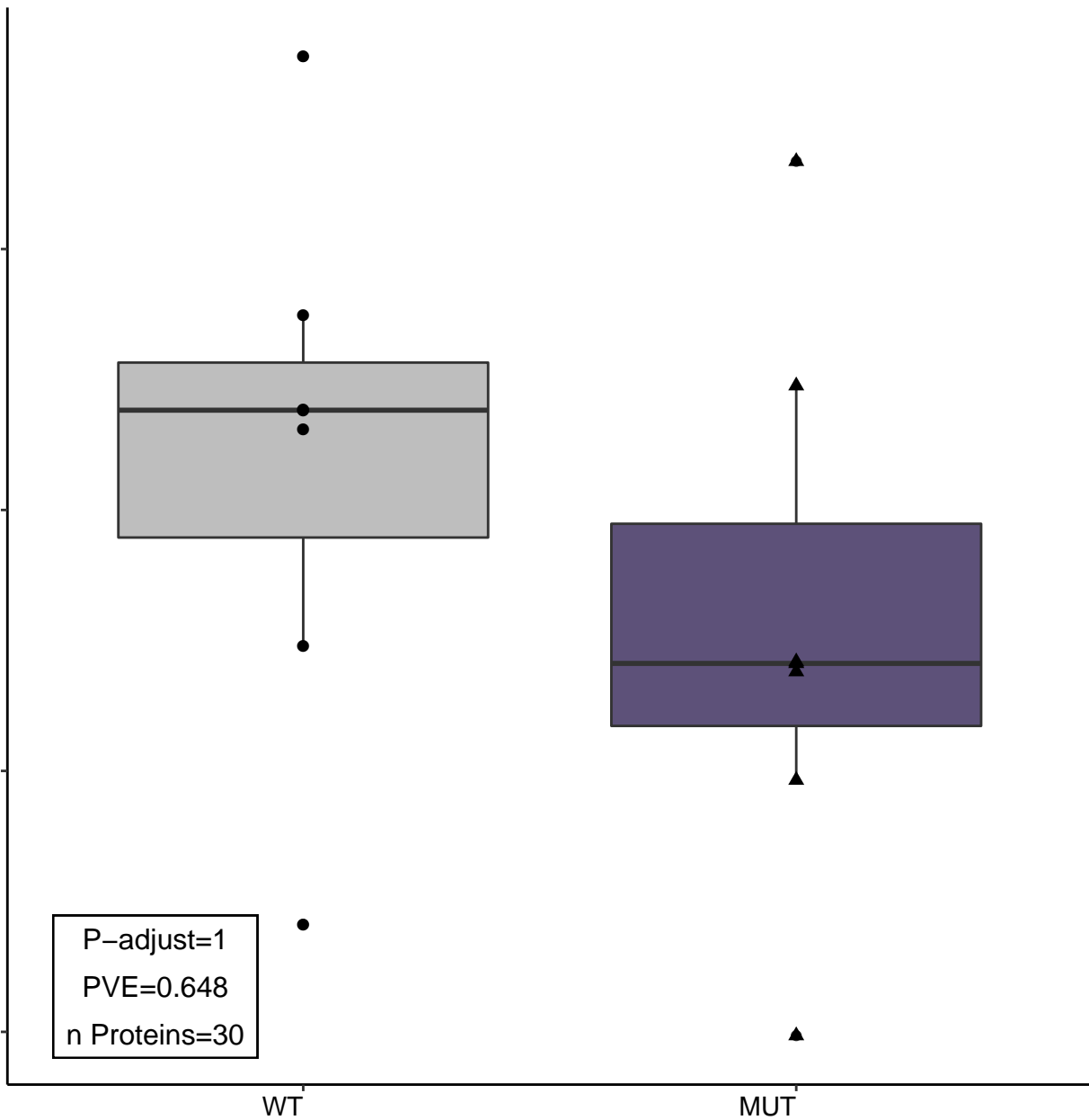
14.44

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

WT

Genotype

MUT



M40

Log2(Adjusted Module Intensity)

13.42

13.40

13.38

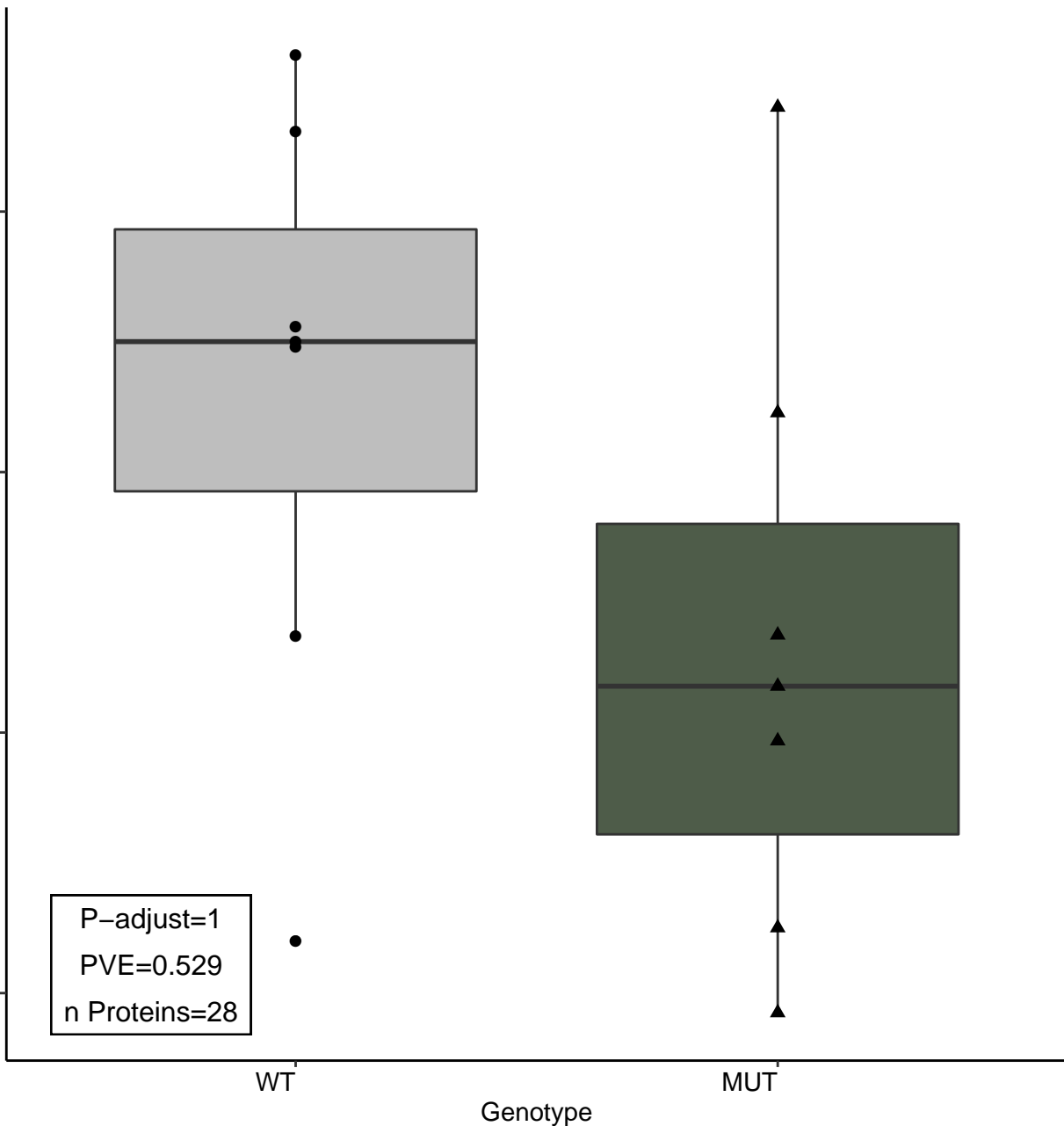
13.36

WT

MUT

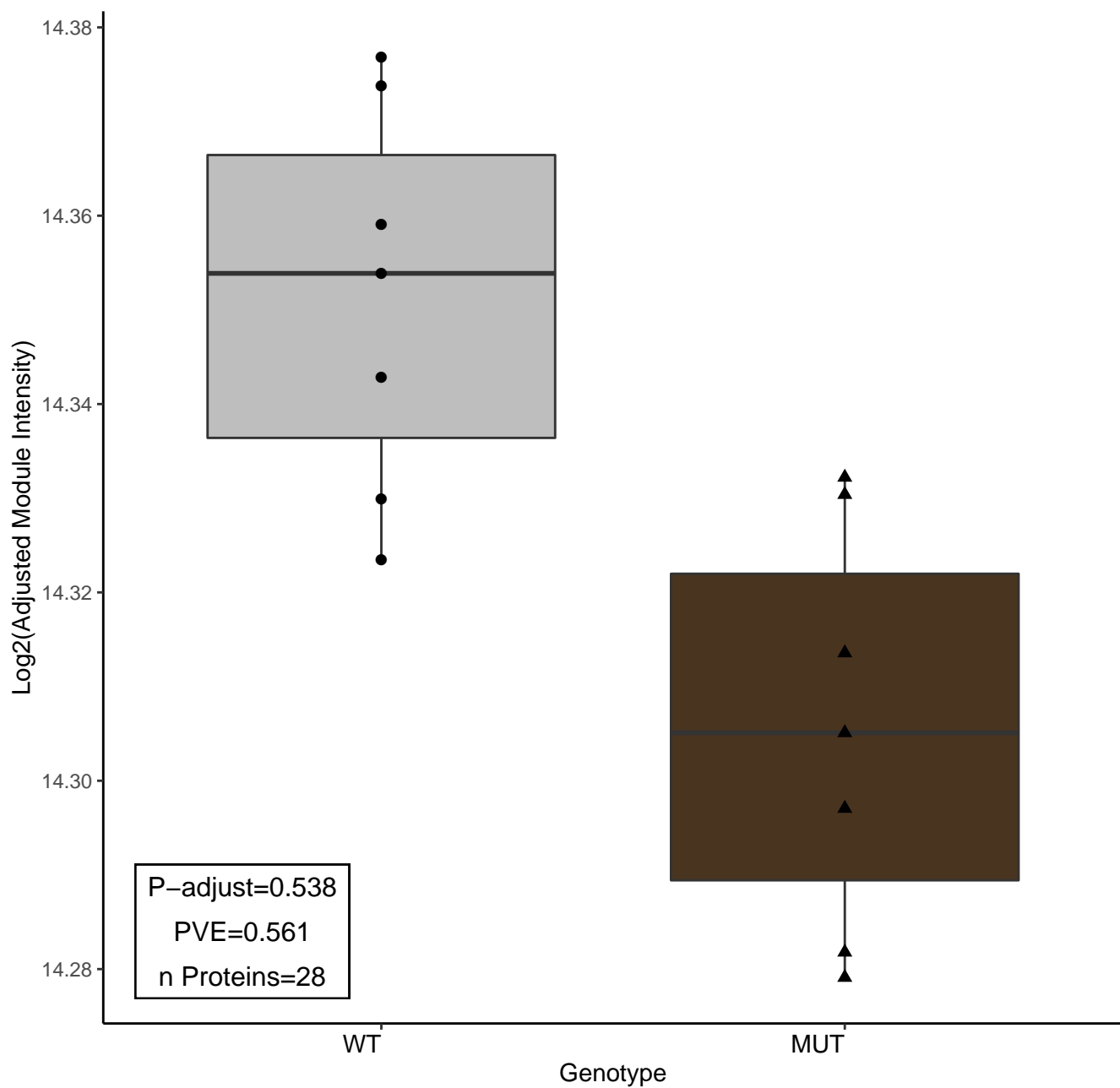
Genotype

P-adjust=1  
PVE=0.529  
n Proteins=28





M41



M42

Log2(Adjusted Module Intensity)

14.45

14.40

14.35

WT

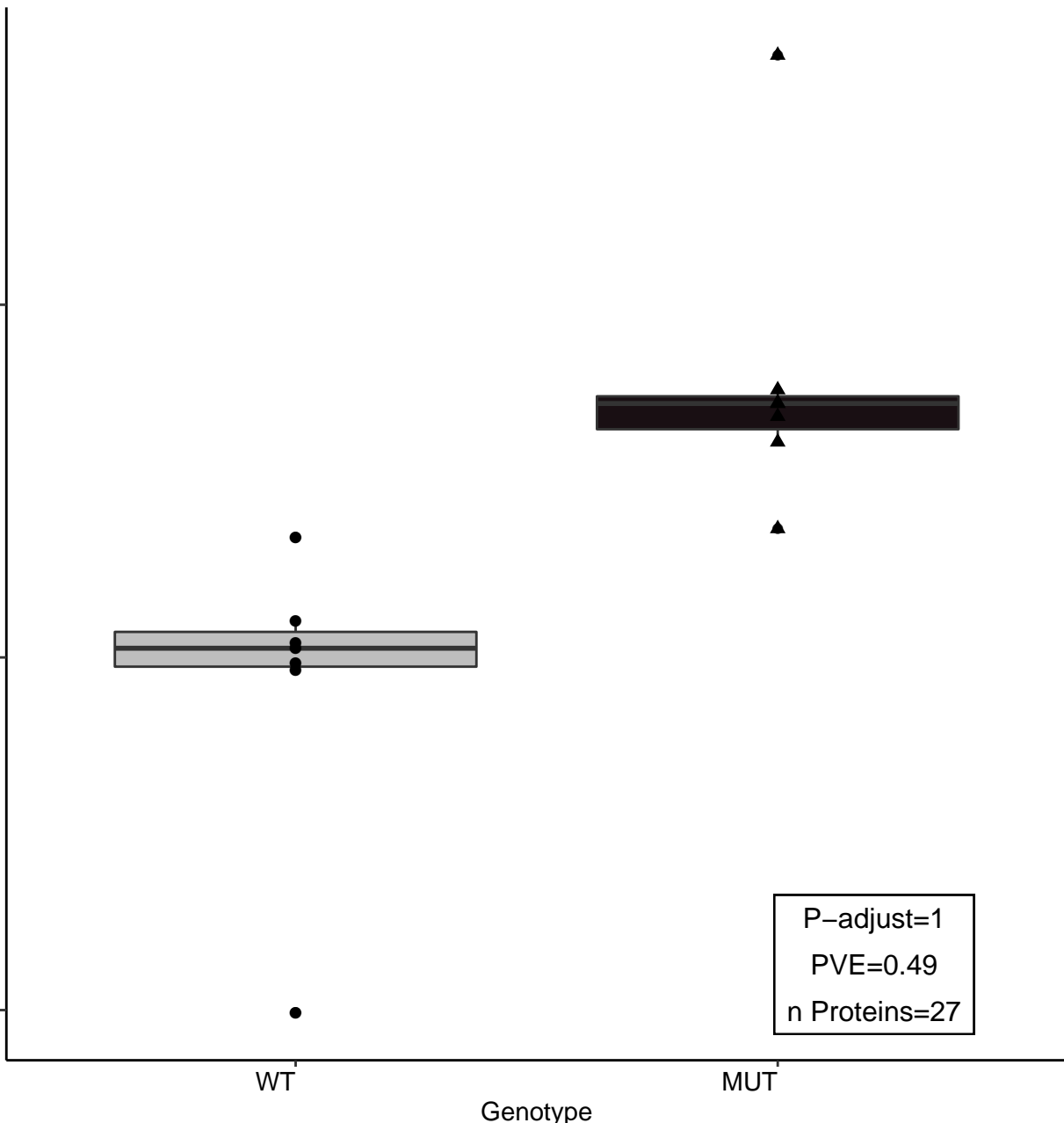
Genotype

MUT

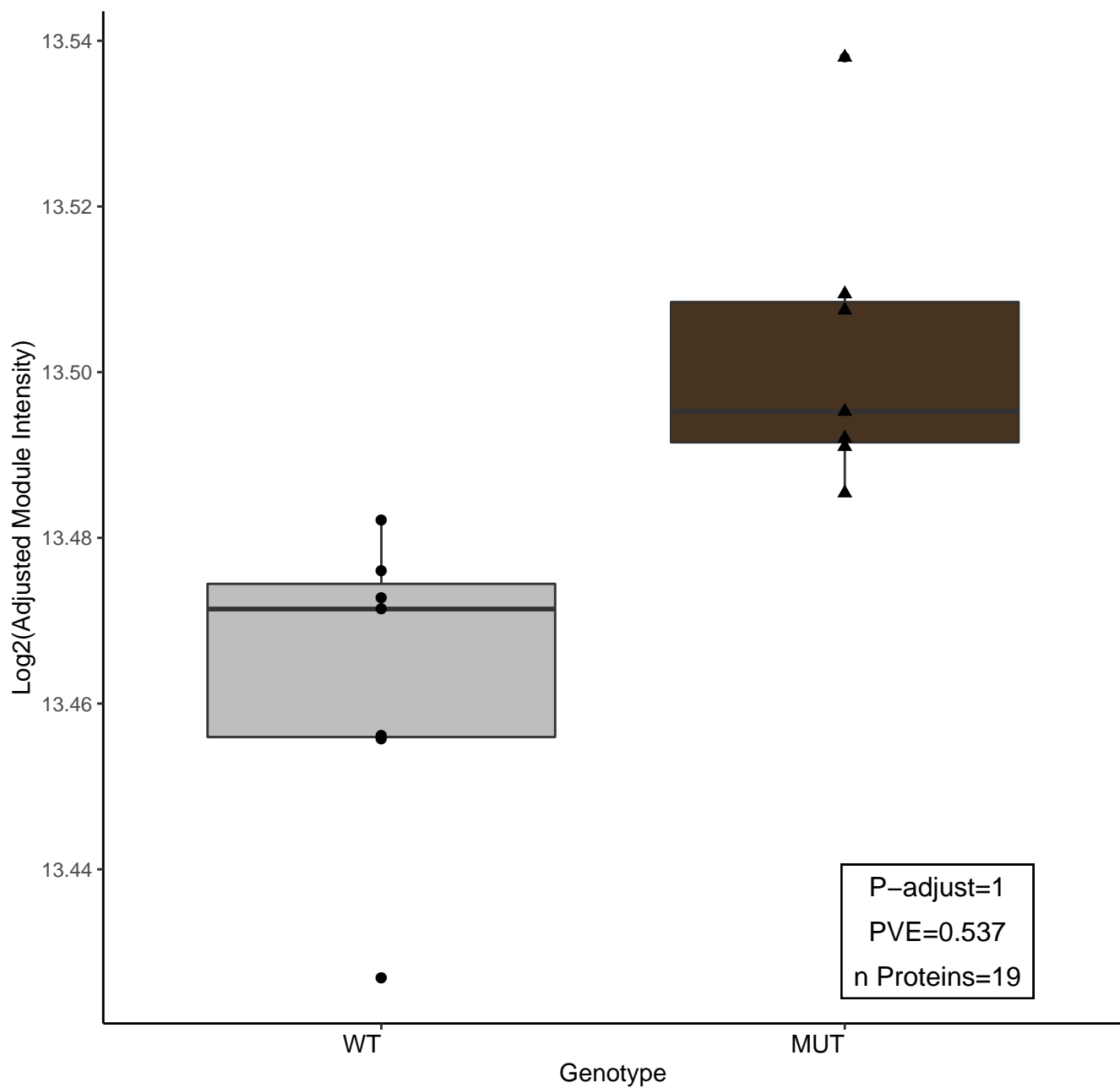
P-adjust=1

PVE=0.49

n Proteins=27



M43



M44

Log2(Adjusted Module Intensity)

13.94

13.92

13.90

WT

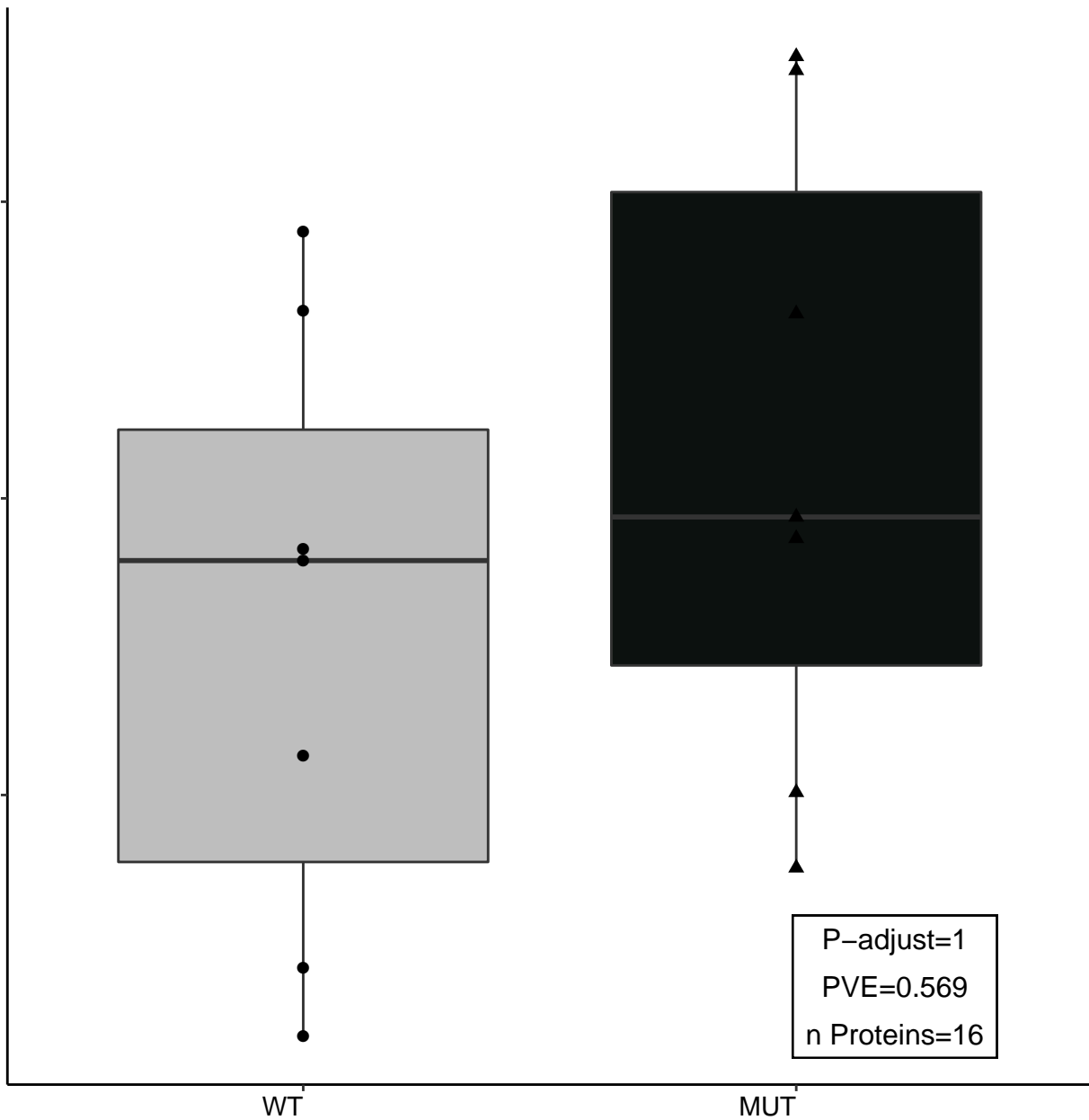
Genotype

MUT

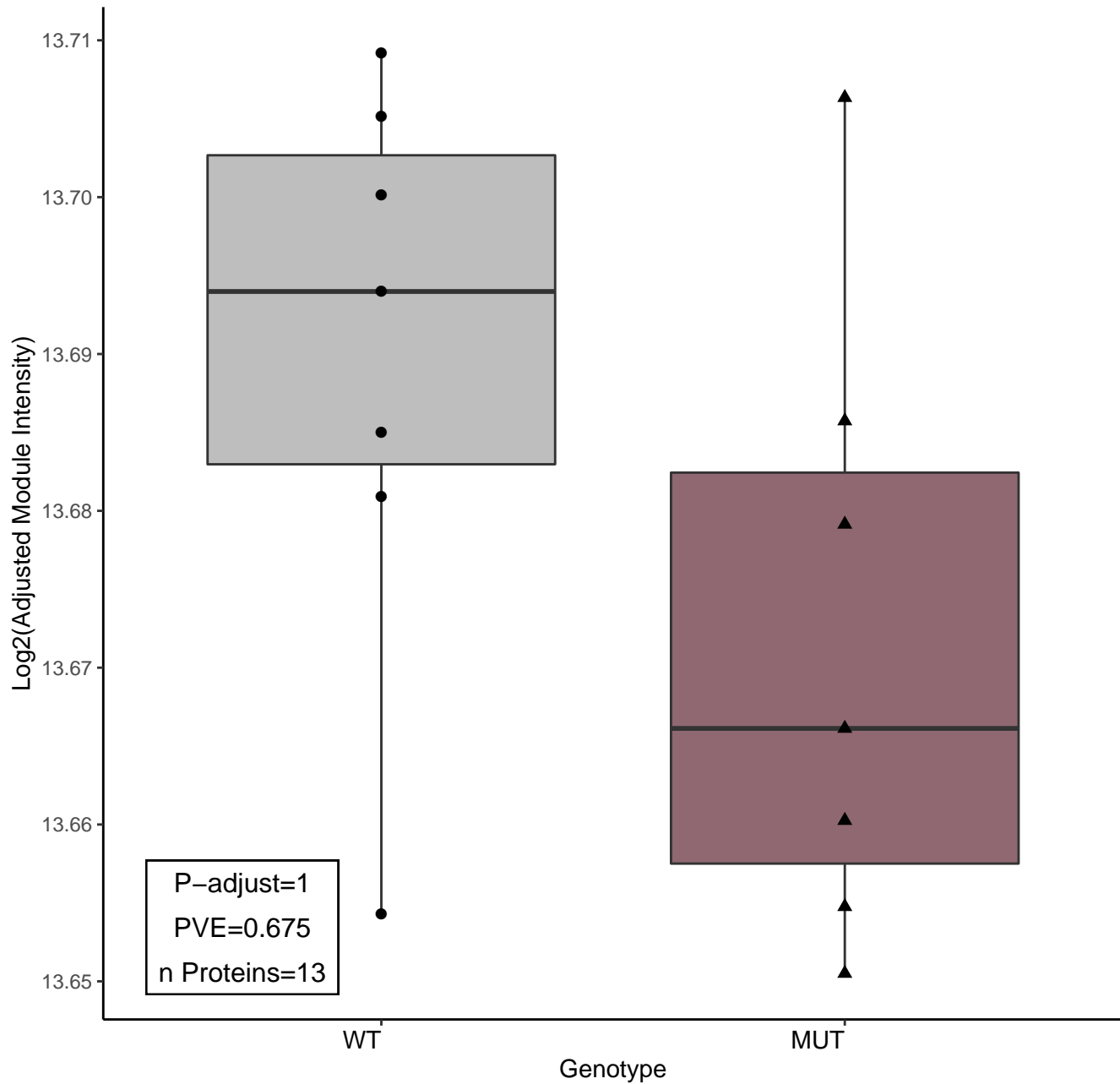
P-adjust=1

PVE=0.569

n Proteins=16



M45



M46

Log2(Adjusted Module Intensity)

12.58

12.56

12.54

12.52

12.50

12.48

WT

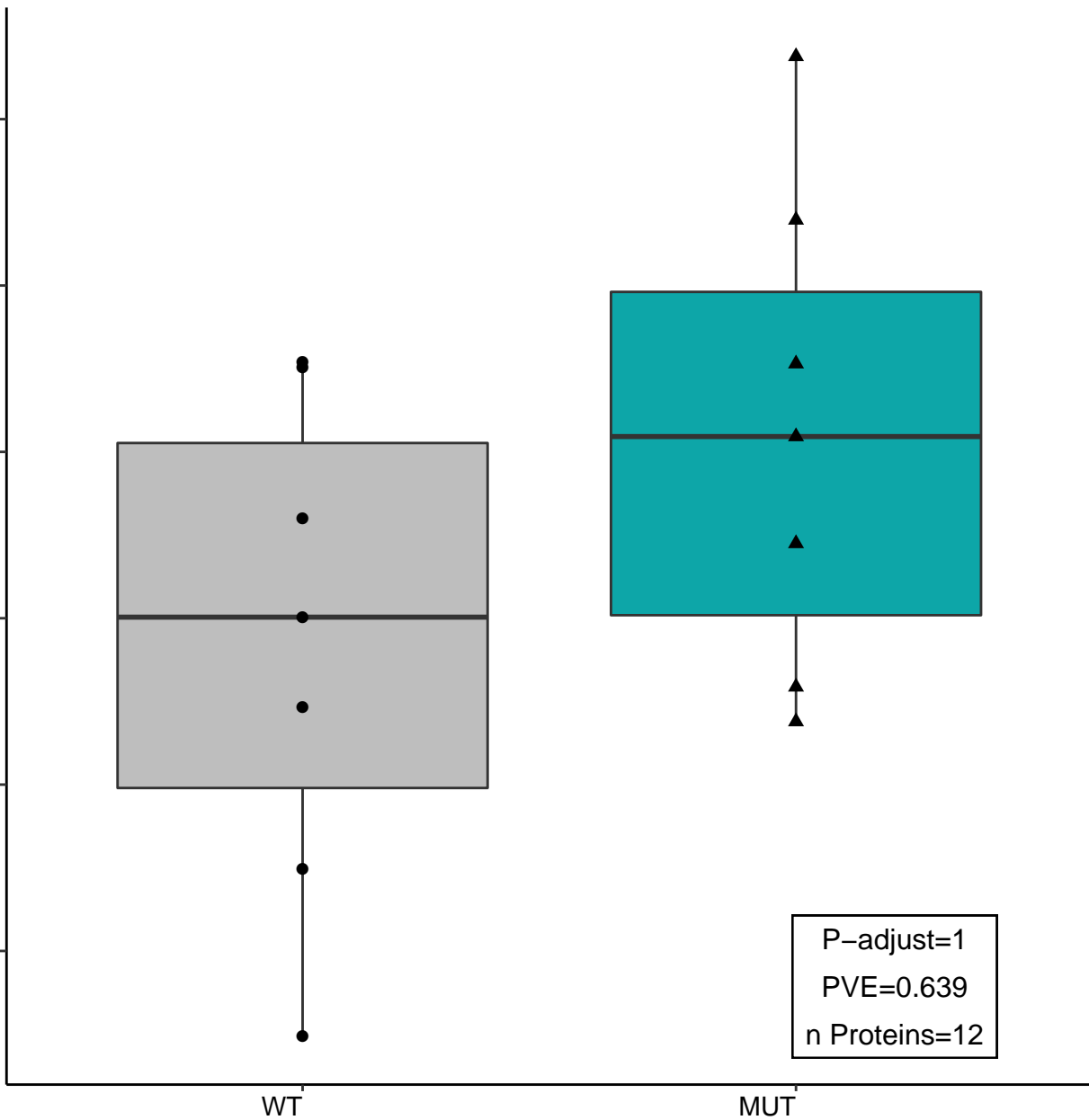
MUT

Genotype

P-adjust=1

PVE=0.639

n Proteins=12



M47

Log2(Adjusted Module Intensity)

12.55

12.50

12.45

P-adjust=0.138

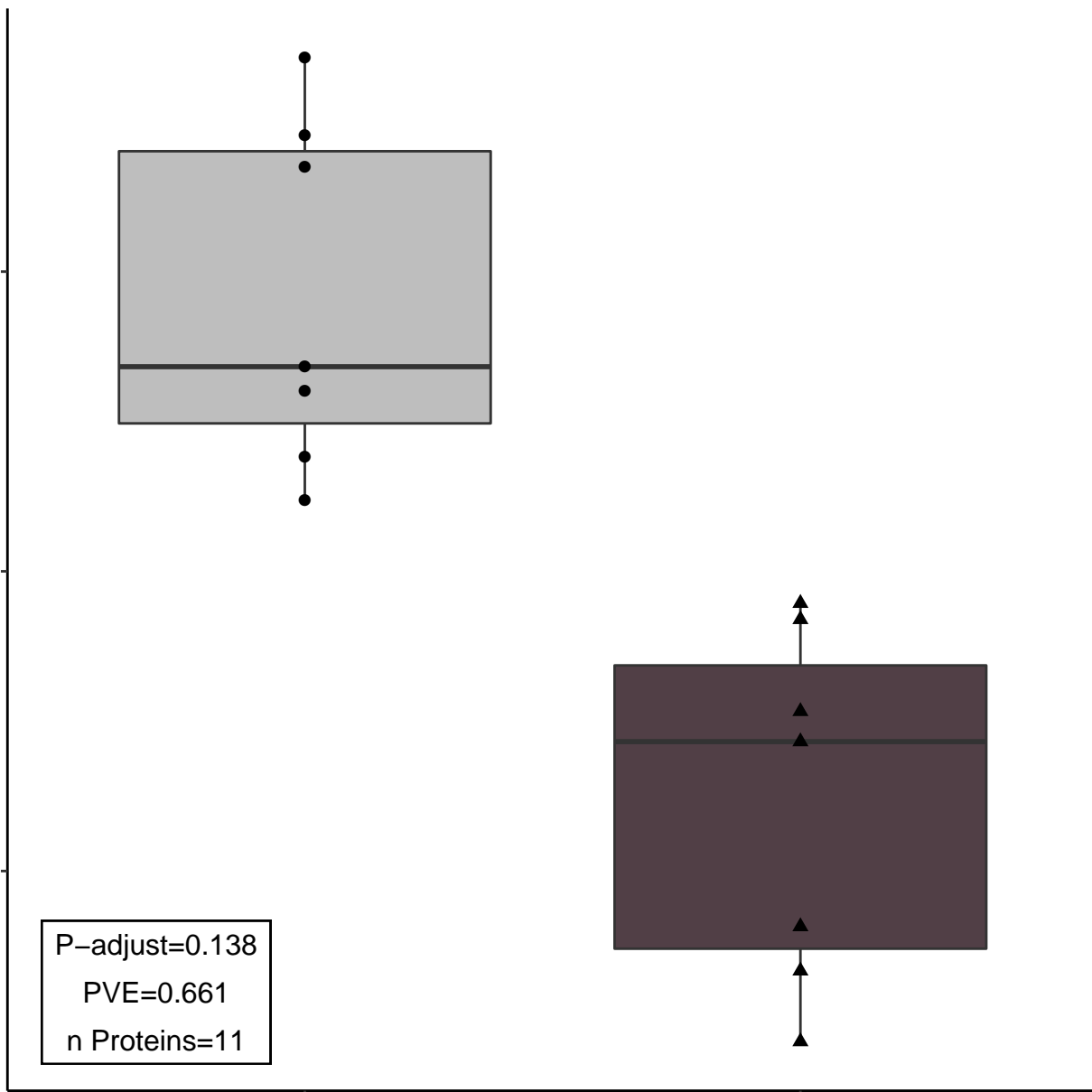
PVE=0.661

n Proteins=11

WT

Genotype

MUT



M48

Log2(Adjusted Module Intensity)

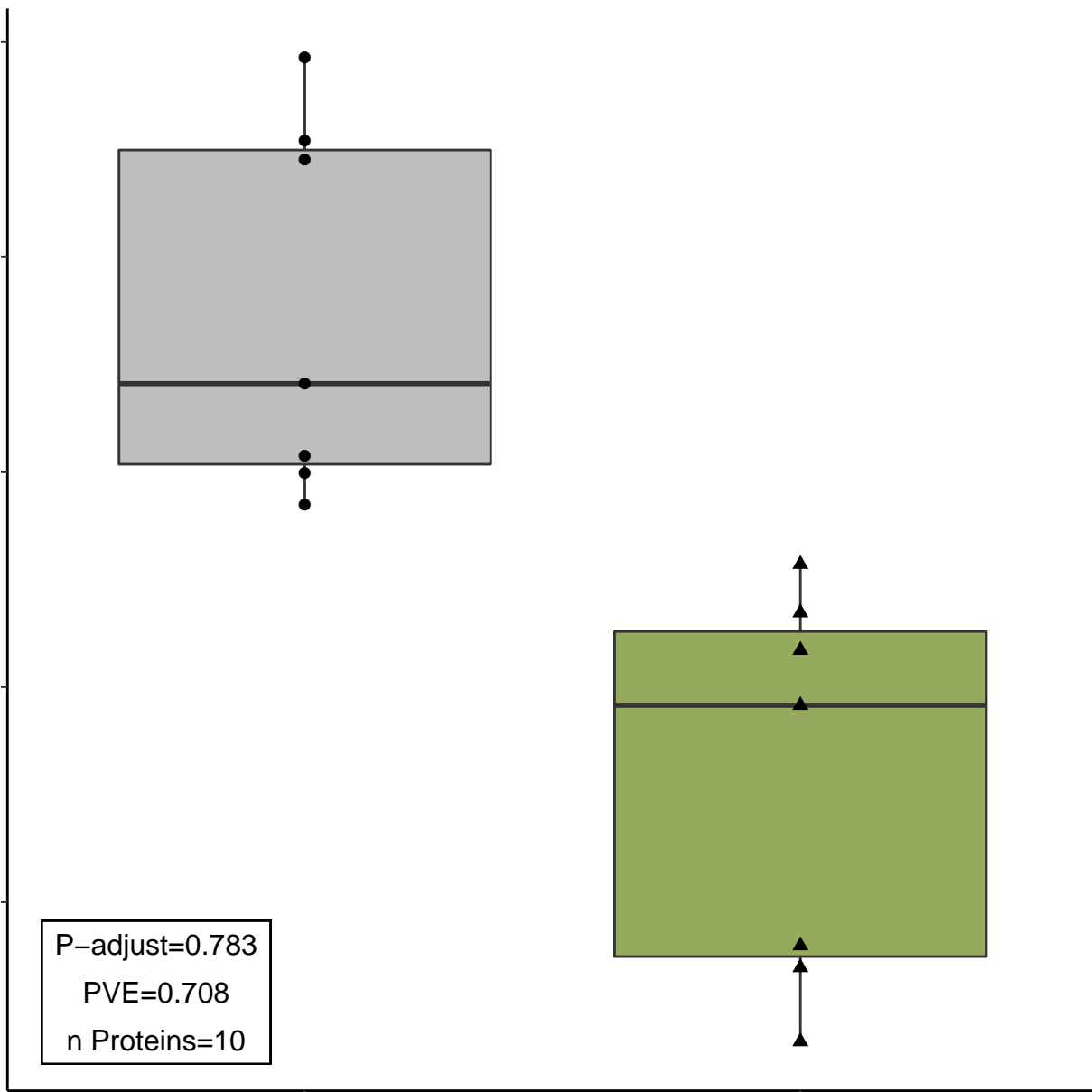
12.40  
12.38  
12.36  
12.34  
12.32

P-adjust=0.783  
PVE=0.708  
n Proteins=10

WT

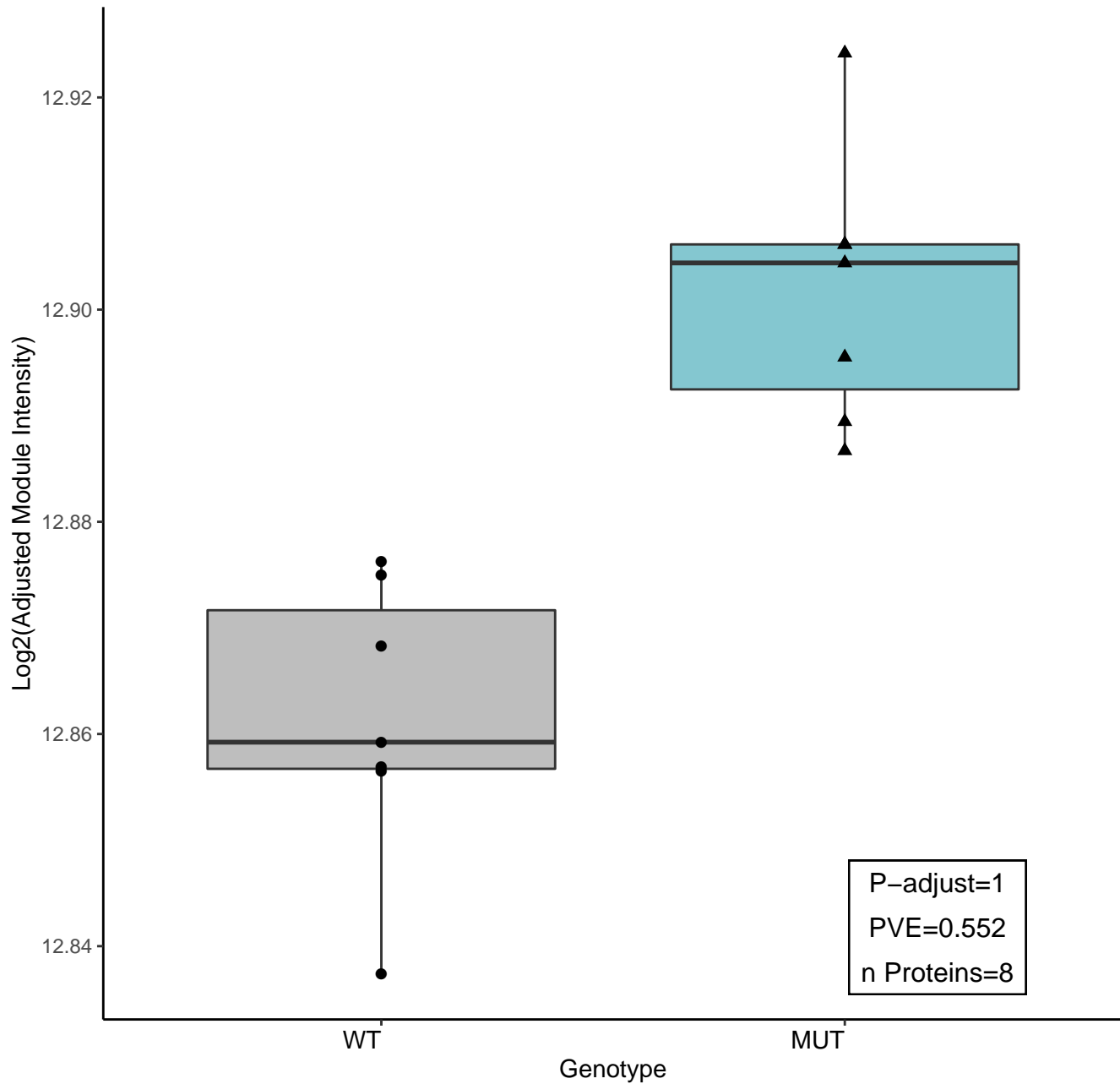
Genotype

MUT



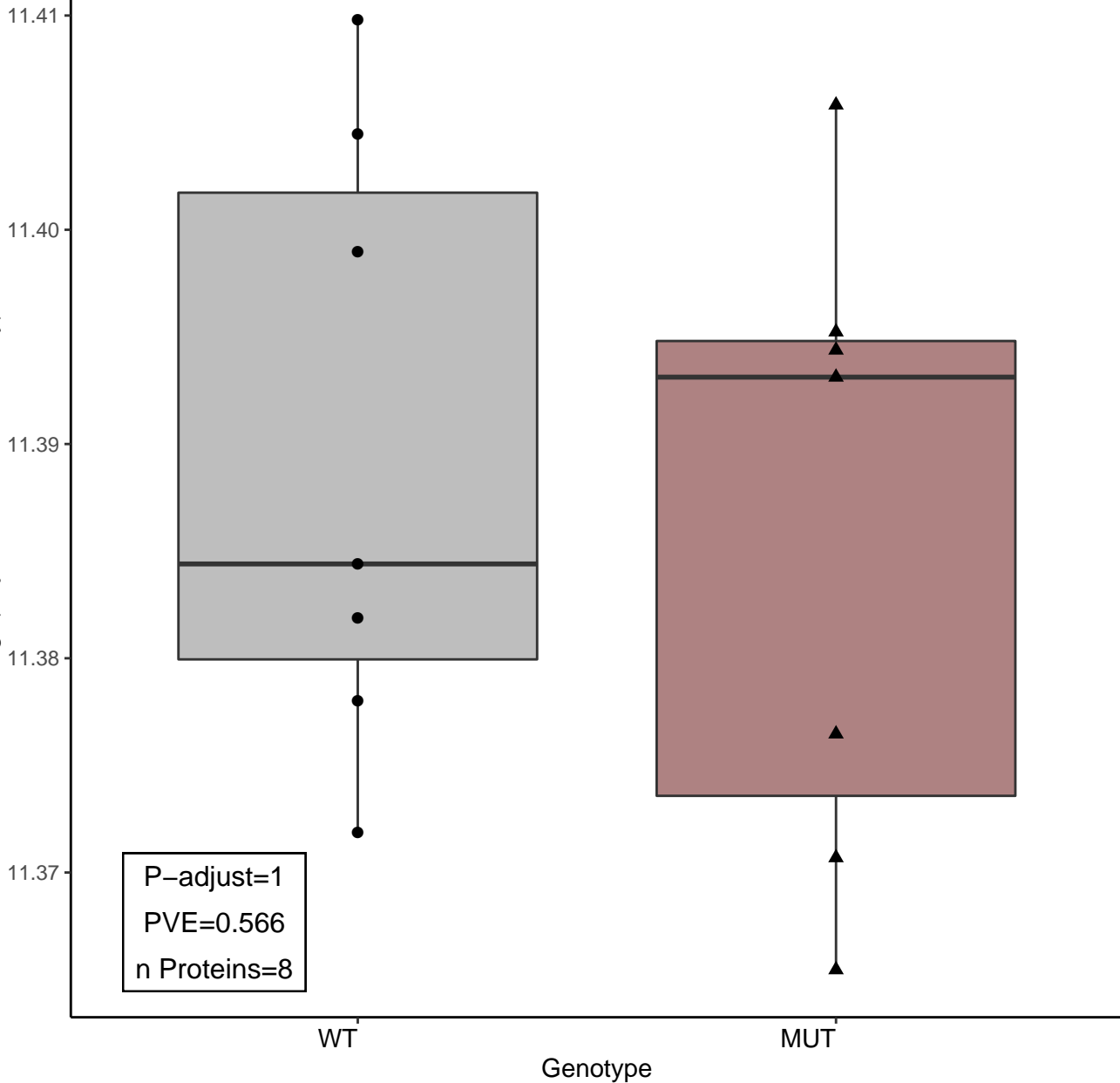


M49

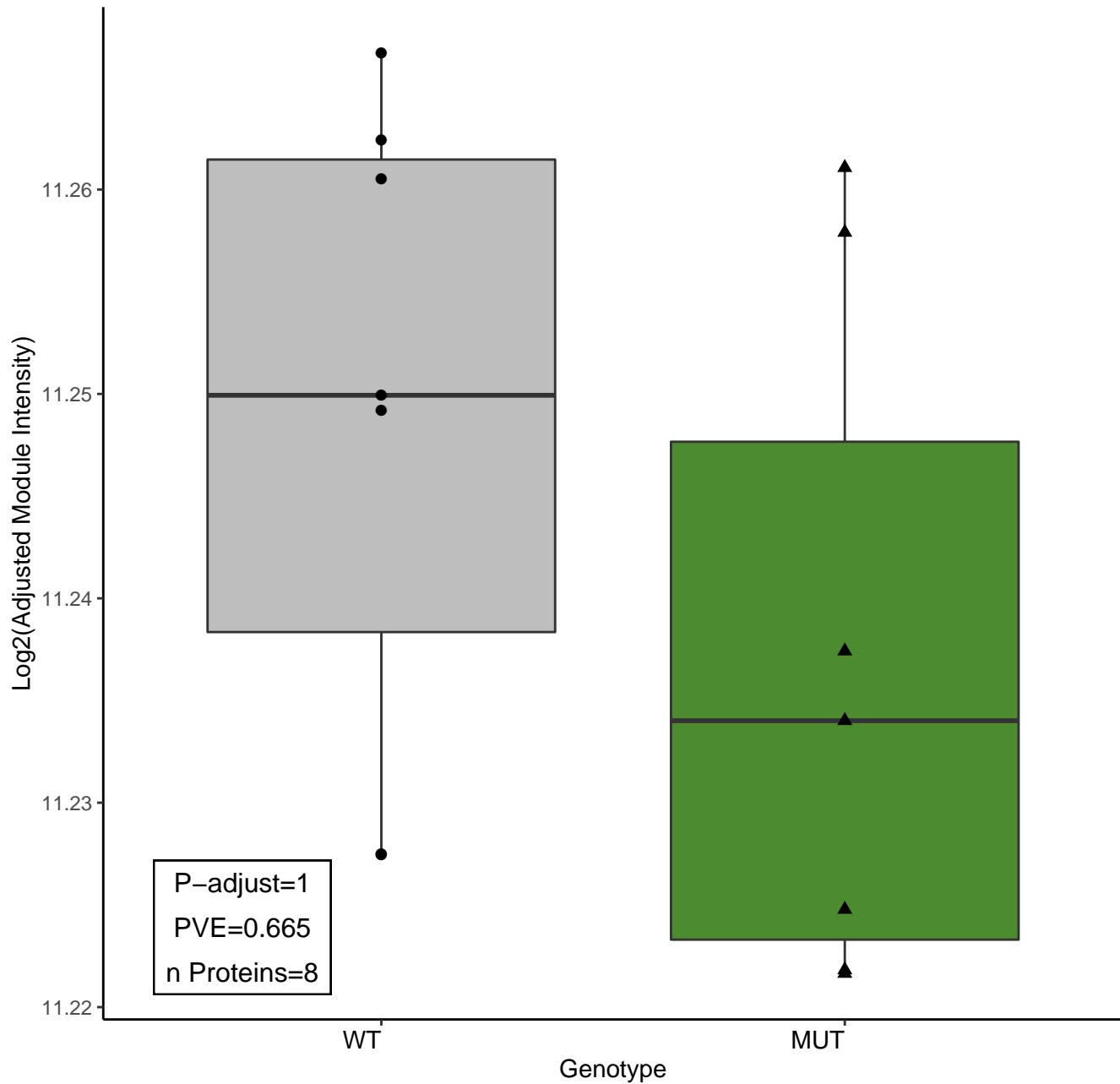


M50

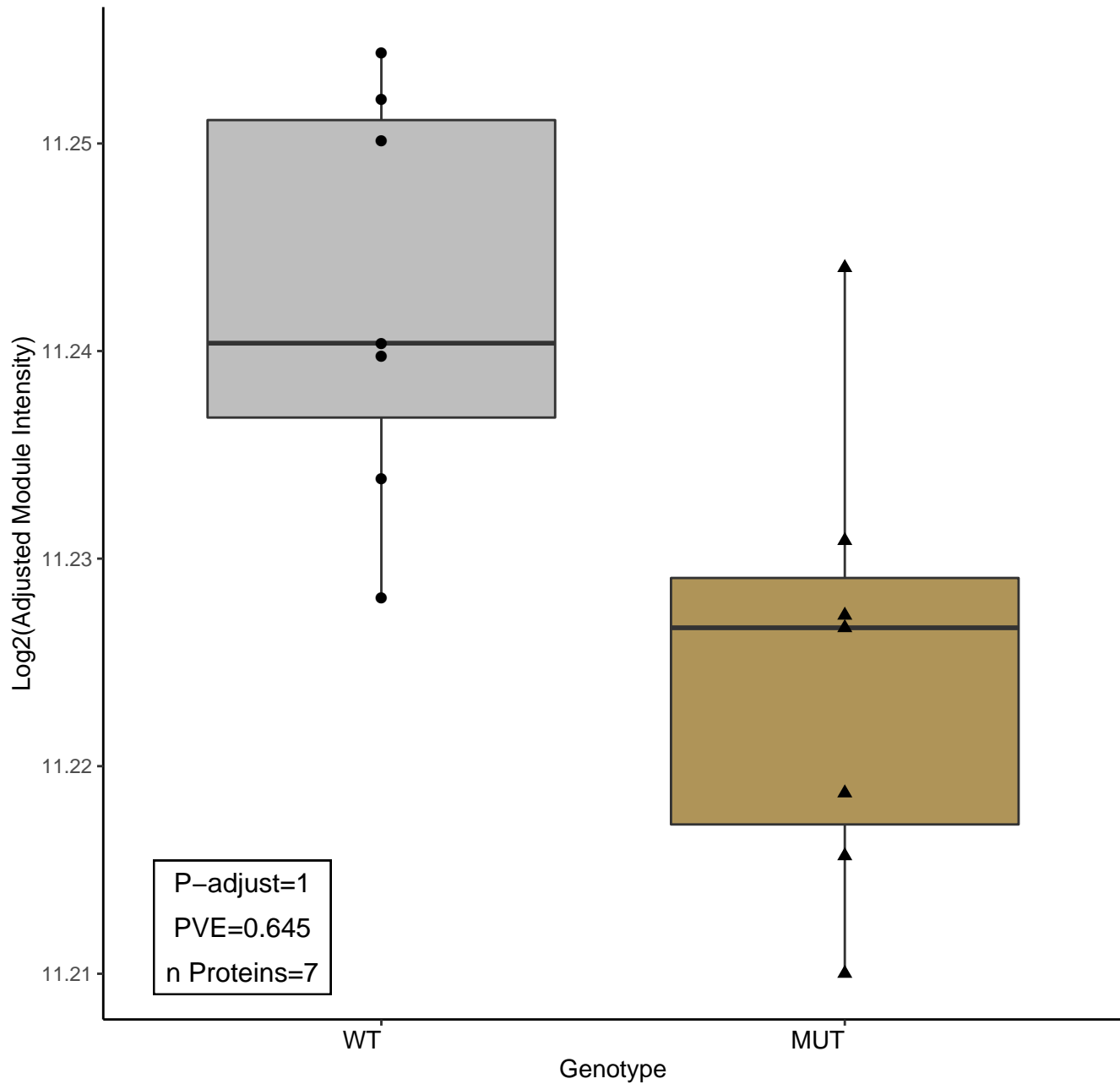
Log2(Adjusted Module Intensity)



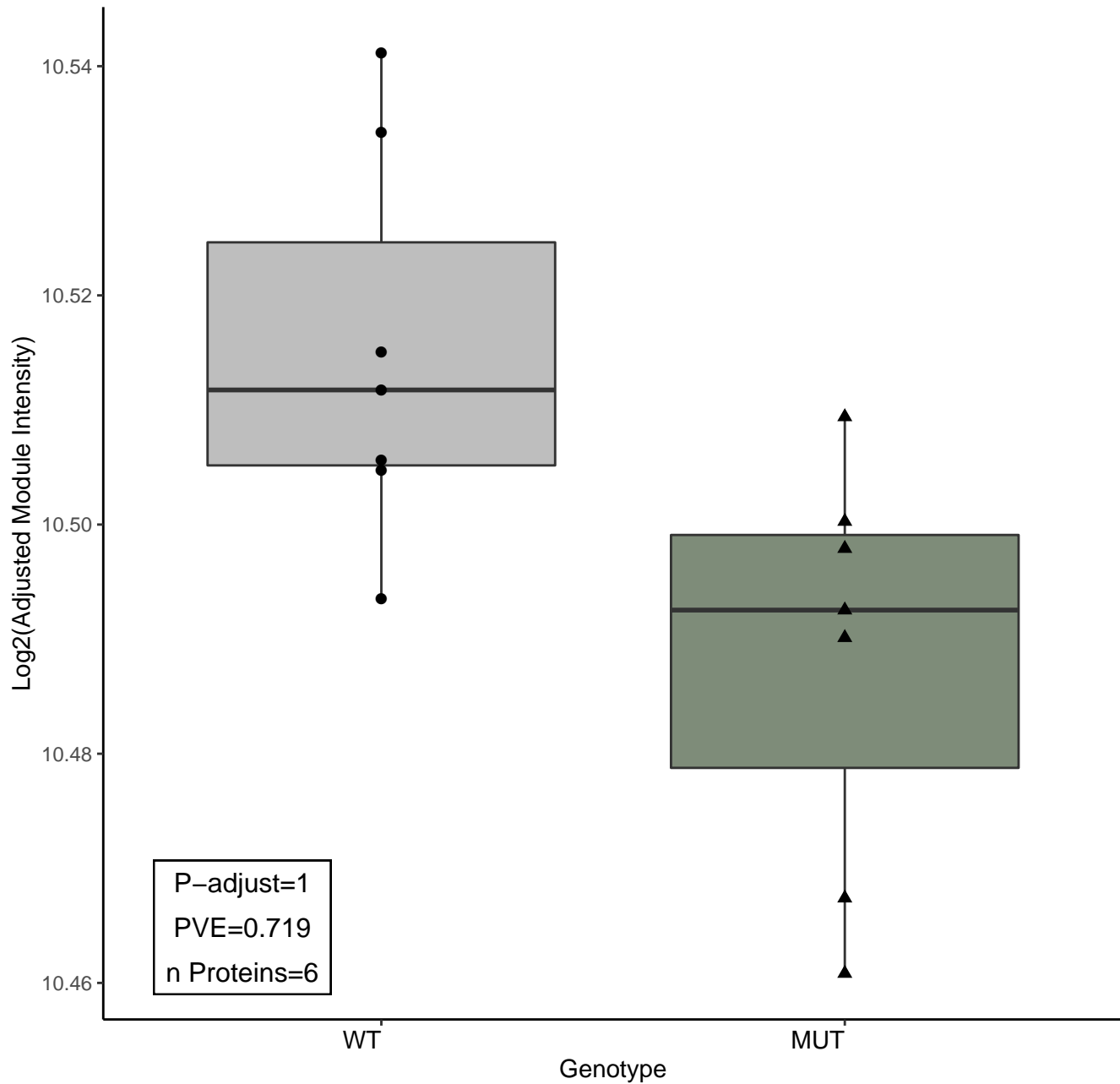
M51



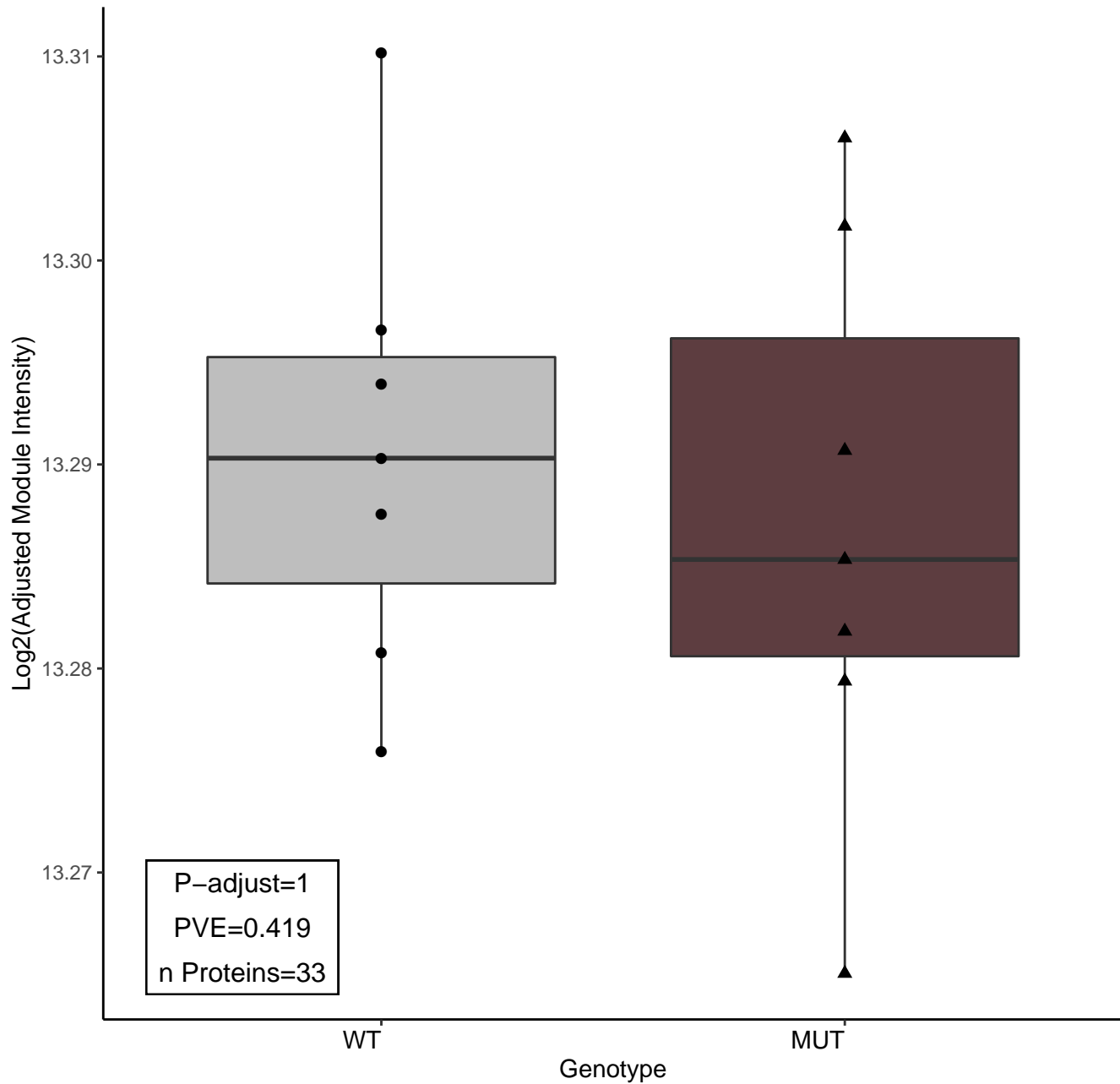
M52



M53



M54



M55

Log2(Adjusted Module Intensity)

13.78

13.77

13.76

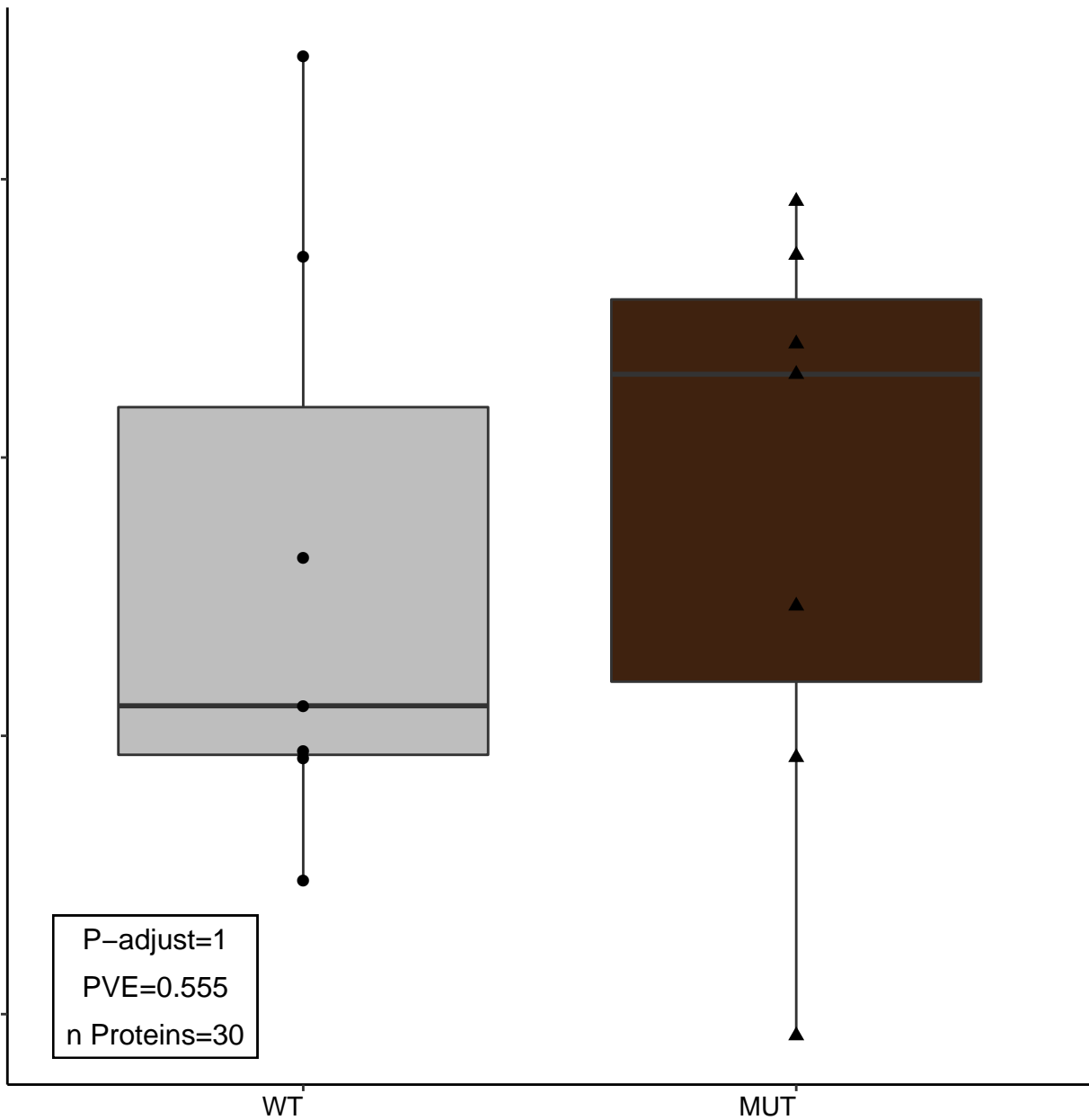
13.75

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

WT

Genotype

MUT



M56

Log2(Adjusted Module Intensity)

12.970

12.965

12.960

WT

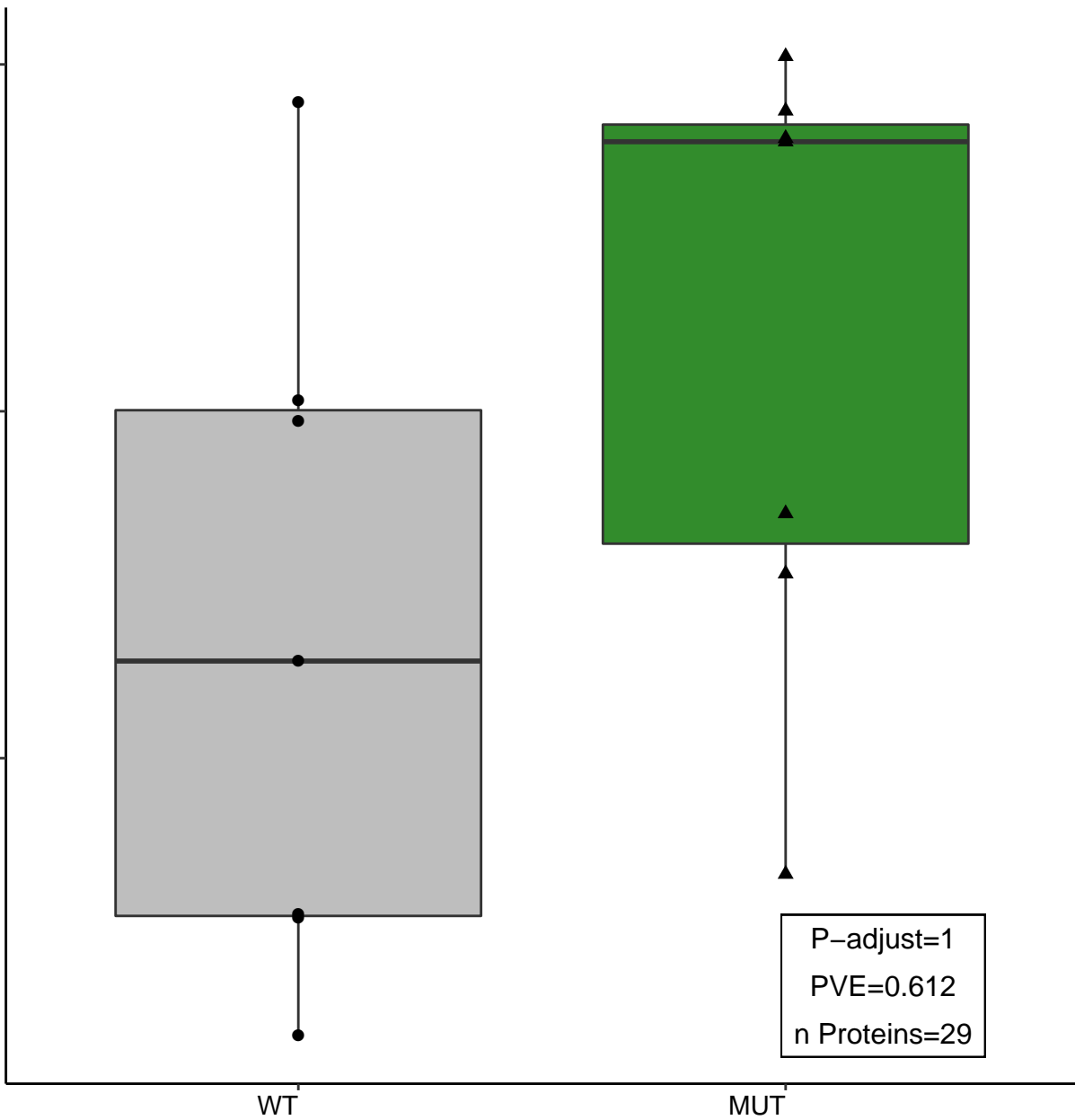
Genotype

MUT

P-adjust=1

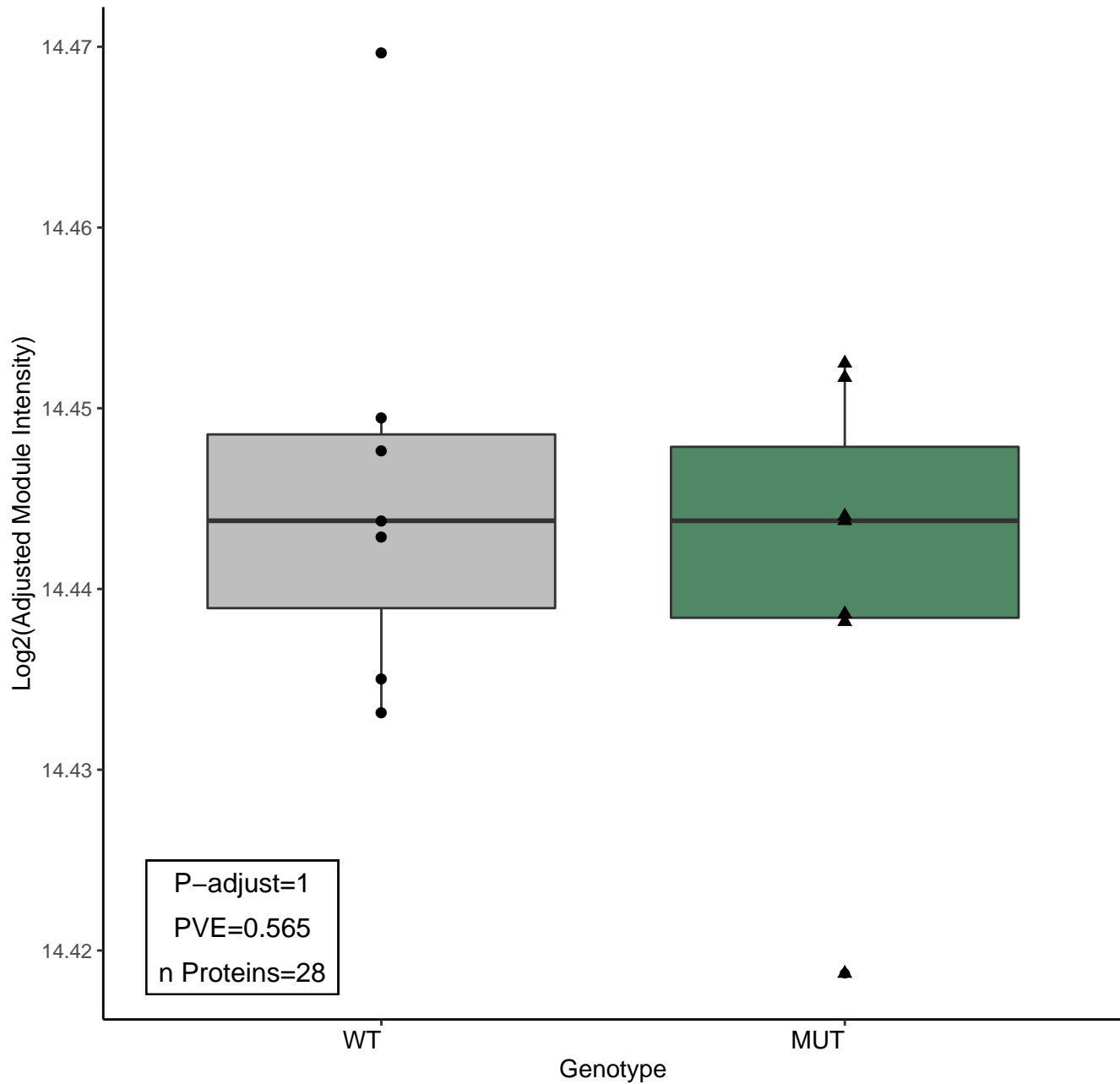
PVE=0.612

n Proteins=29





M57



M58

Log2(Adjusted Module Intensity)

12.98

12.97

12.96

12.95

WT

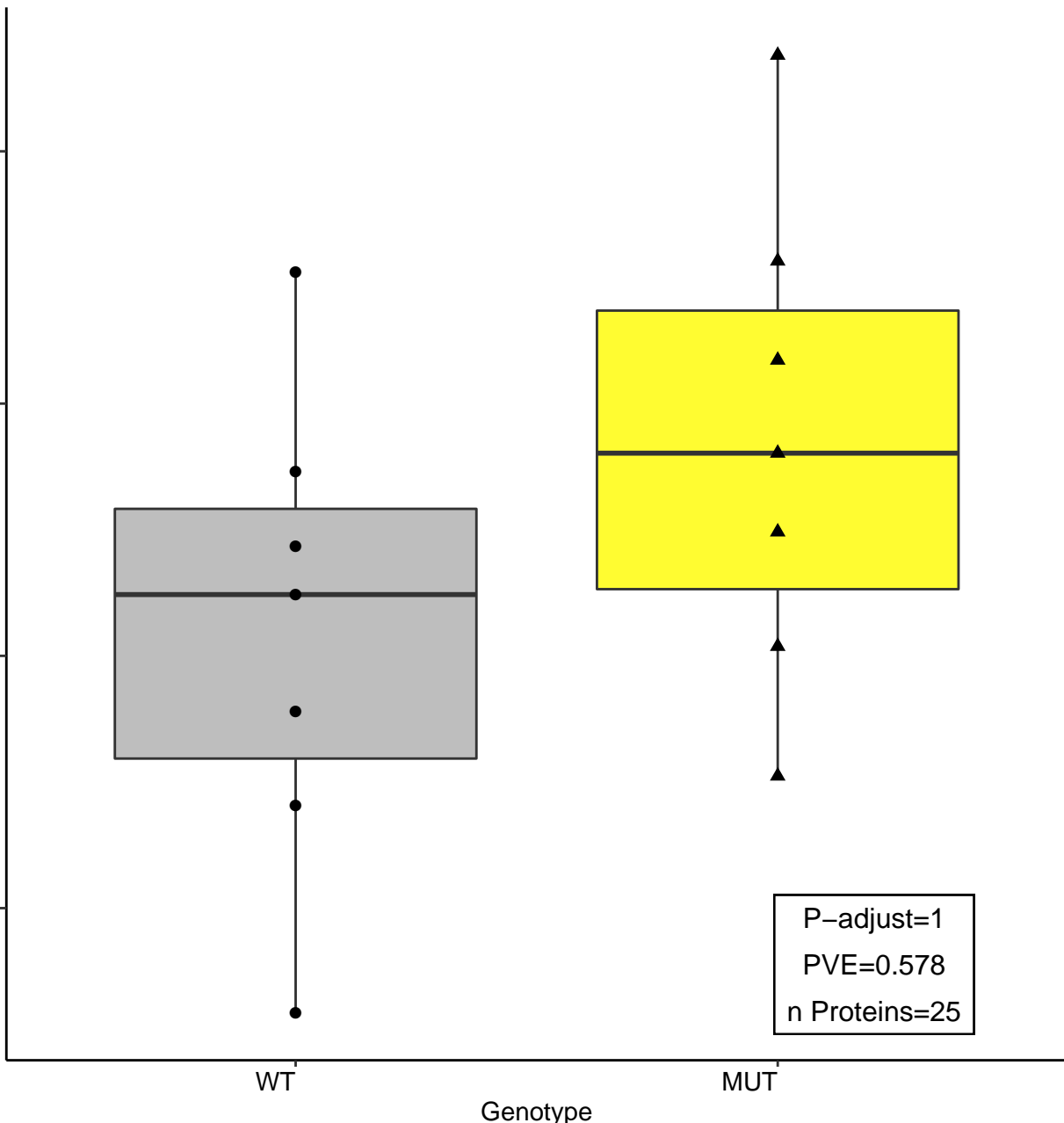
Genotype

MUT

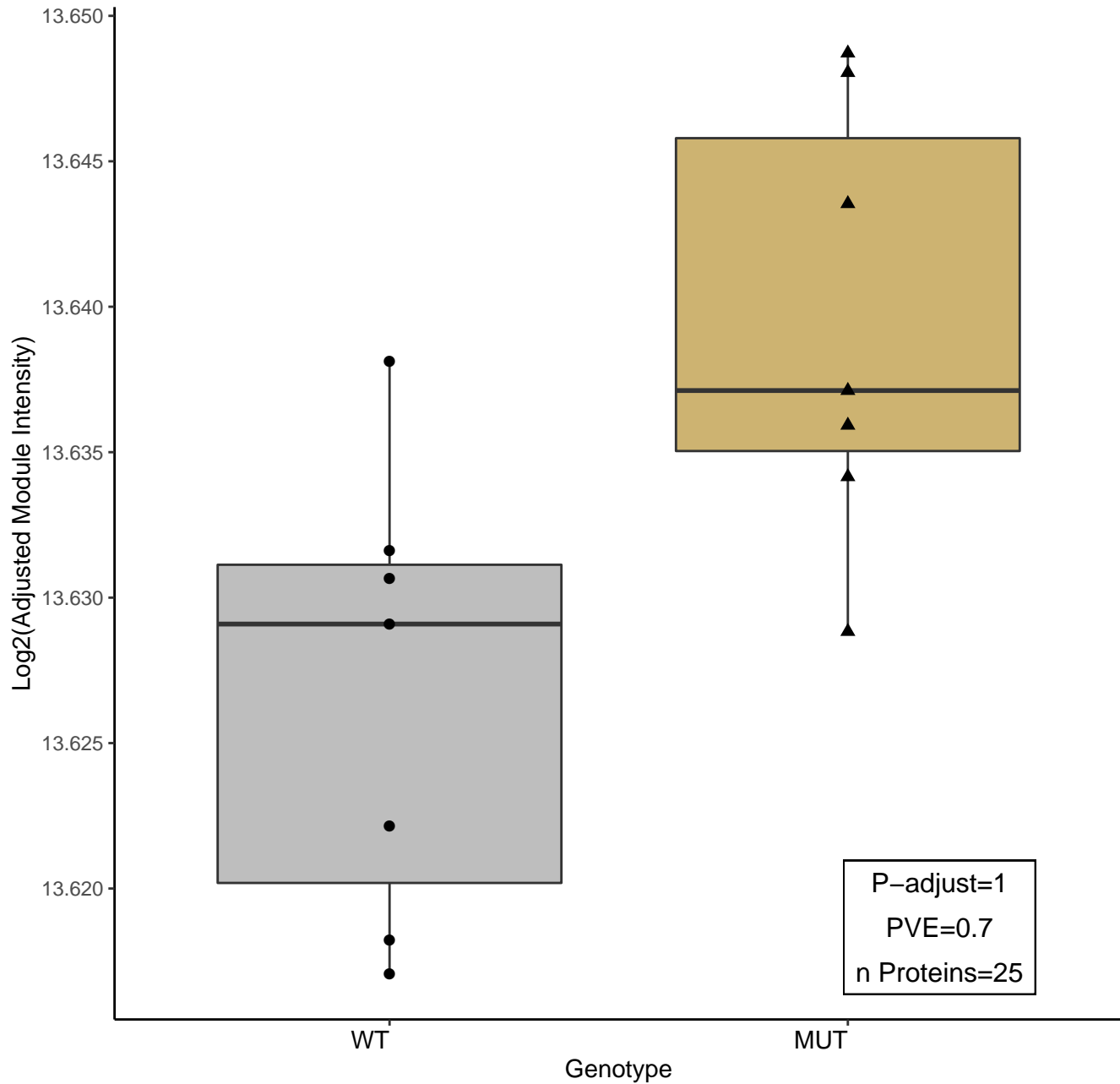
P-adjust=1

PVE=0.578

n Proteins=25



M59



M60

Log2(Adjusted Module Intensity)

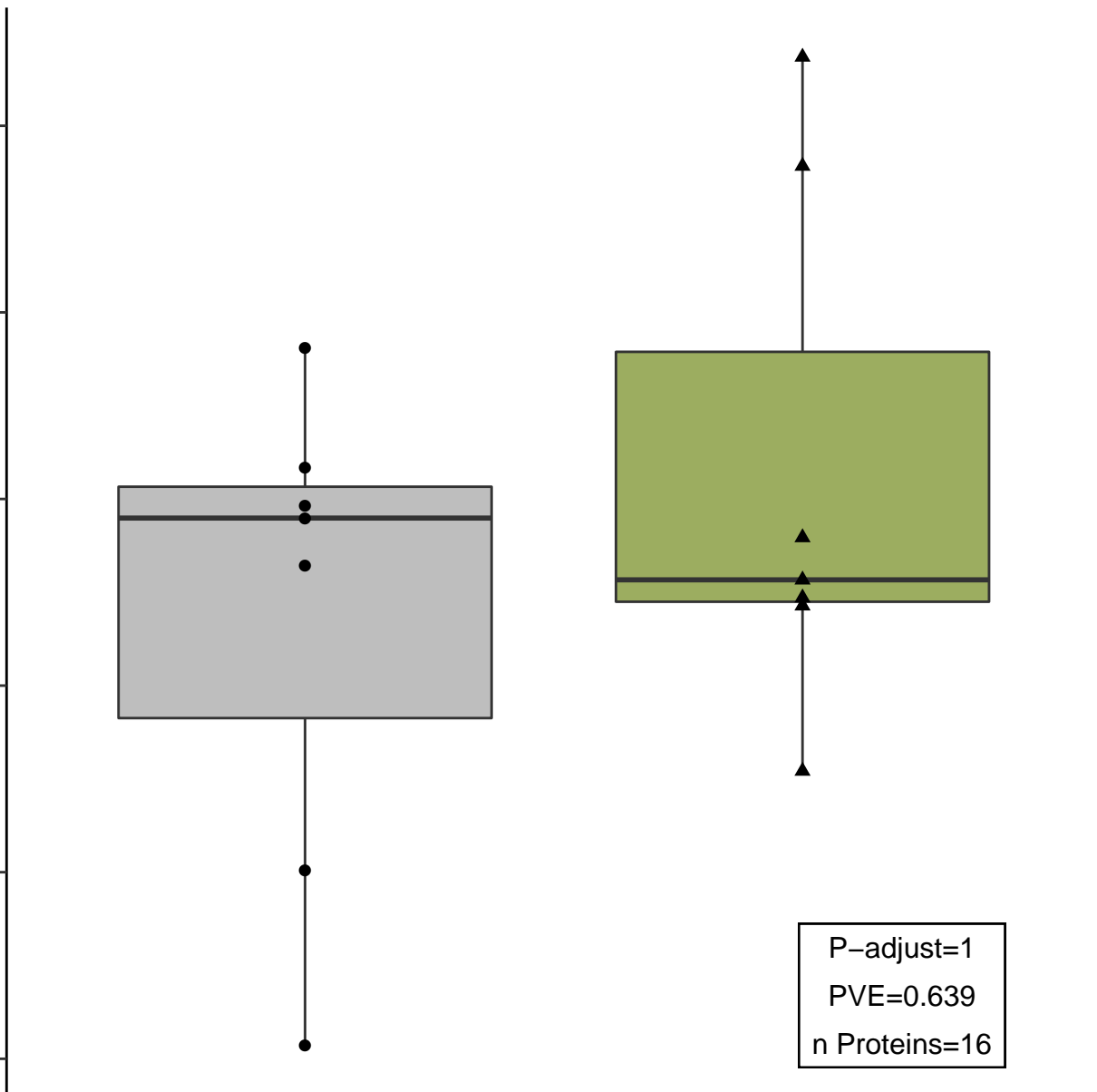
12.08  
12.07  
12.06  
12.05  
12.04  
12.03

WT

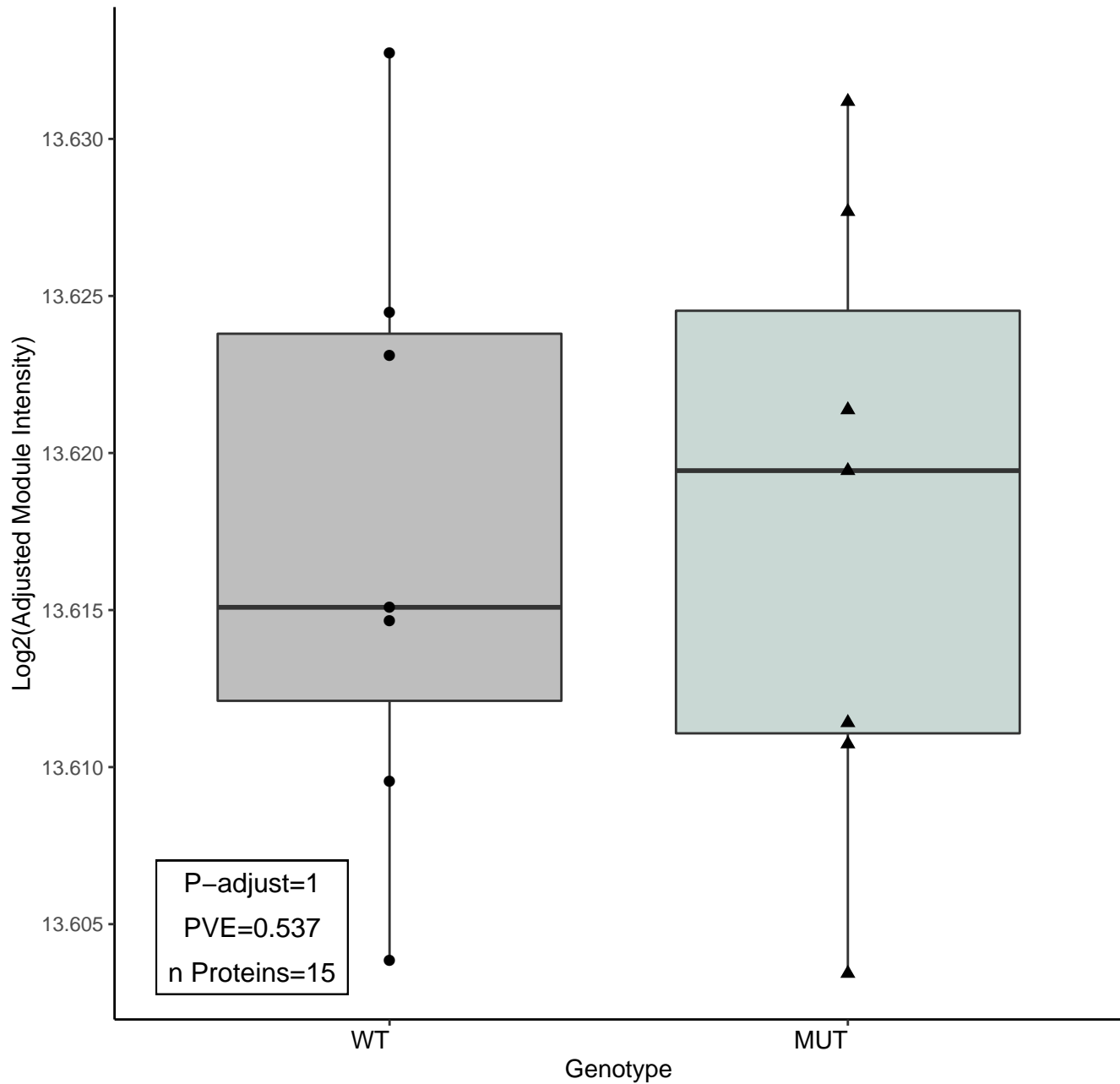
Genotype

MUT

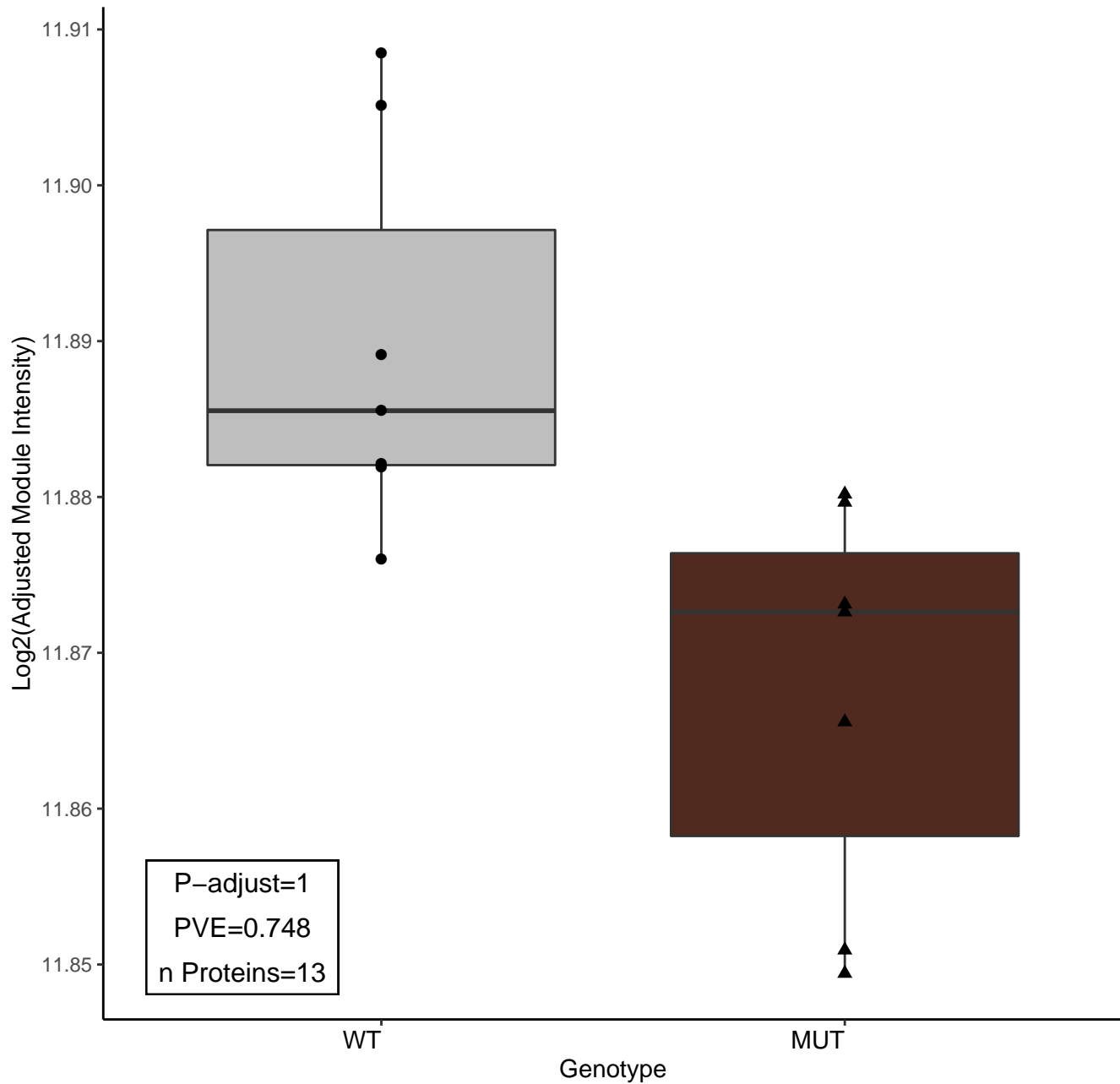
P-adjust=1  
PVE=0.639  
n Proteins=16



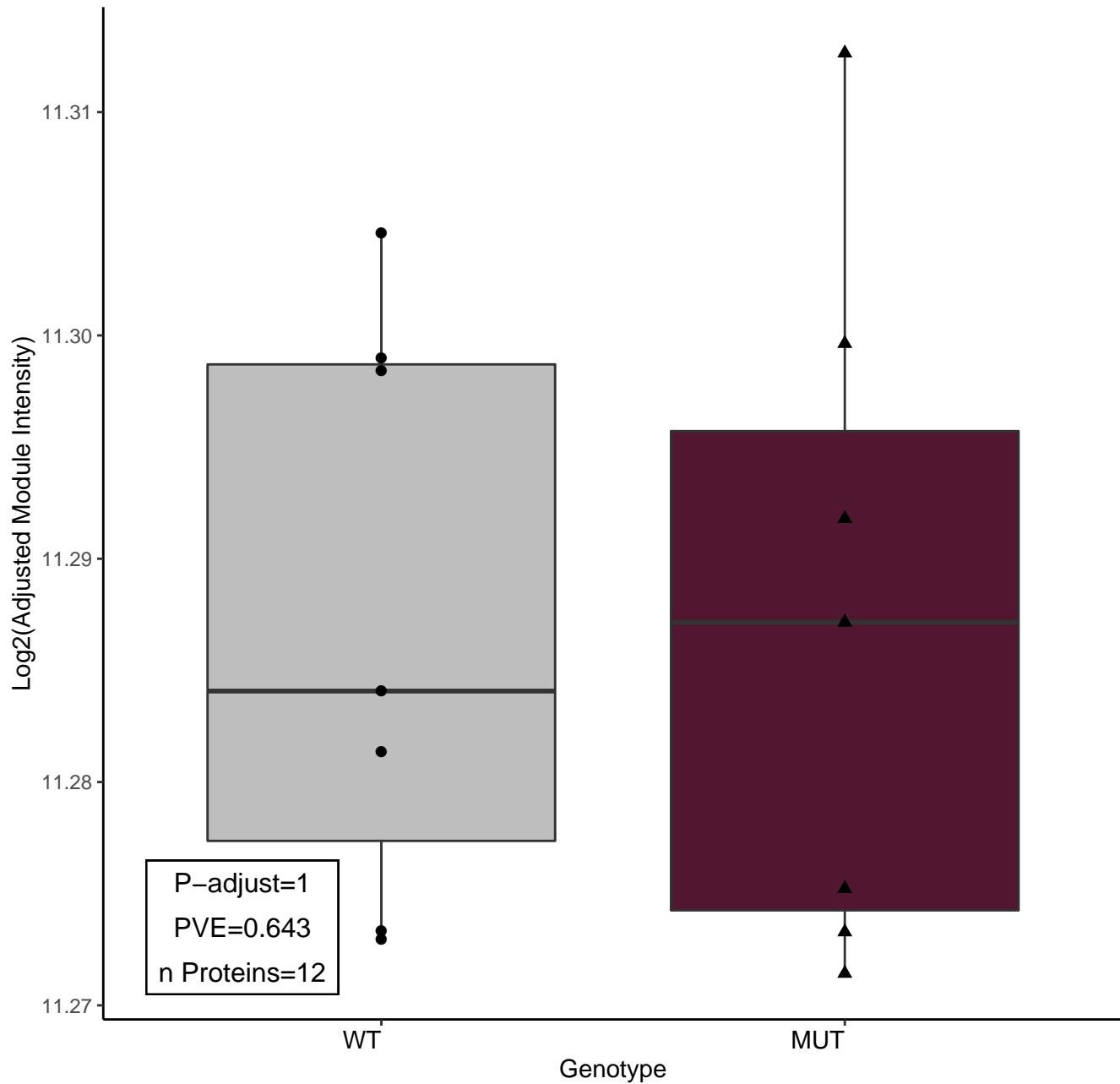
M61



M62



M63



M64

Log2(Adjusted Module Intensity)

13.17

13.16

13.15

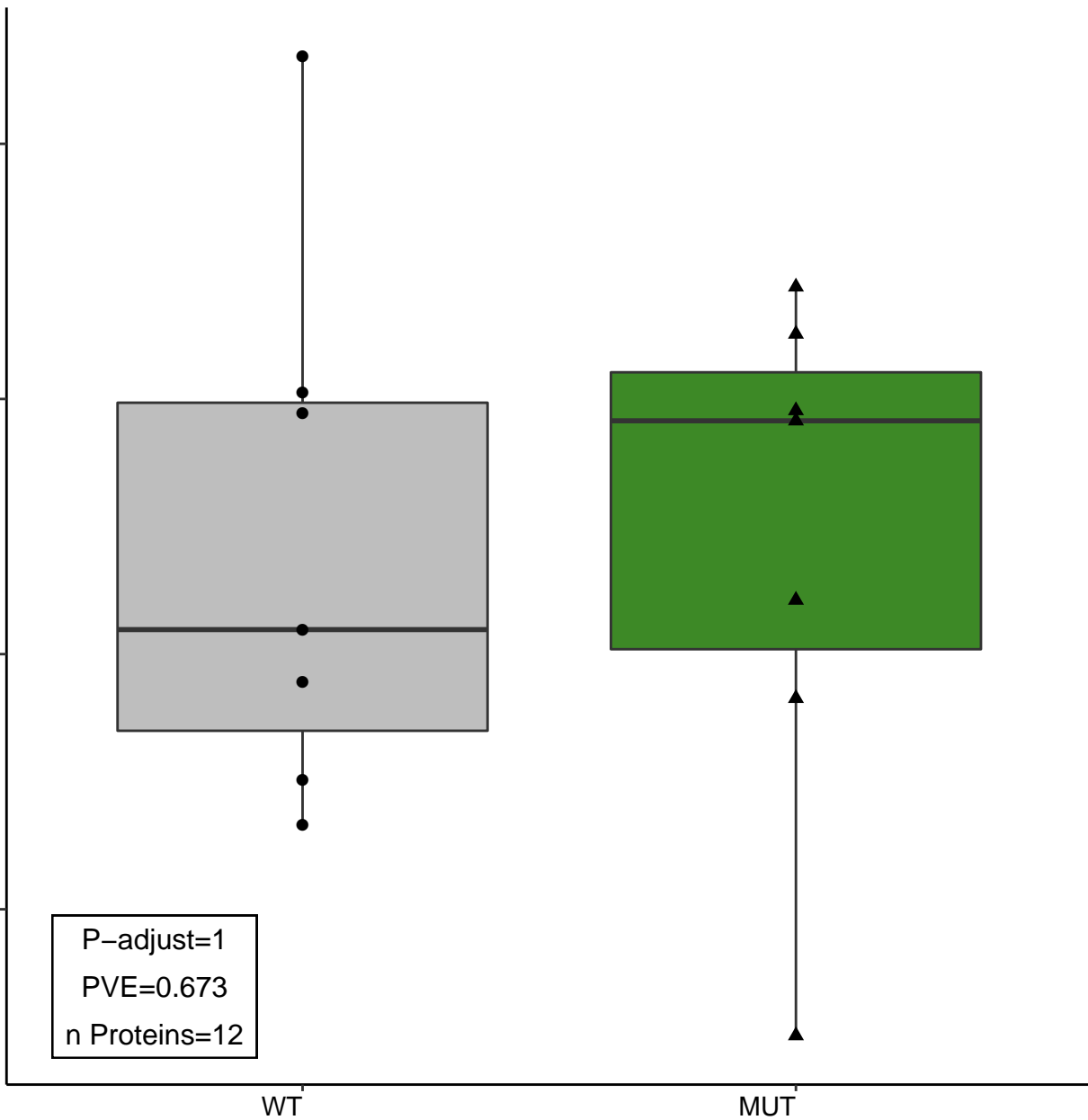
13.14

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

WT

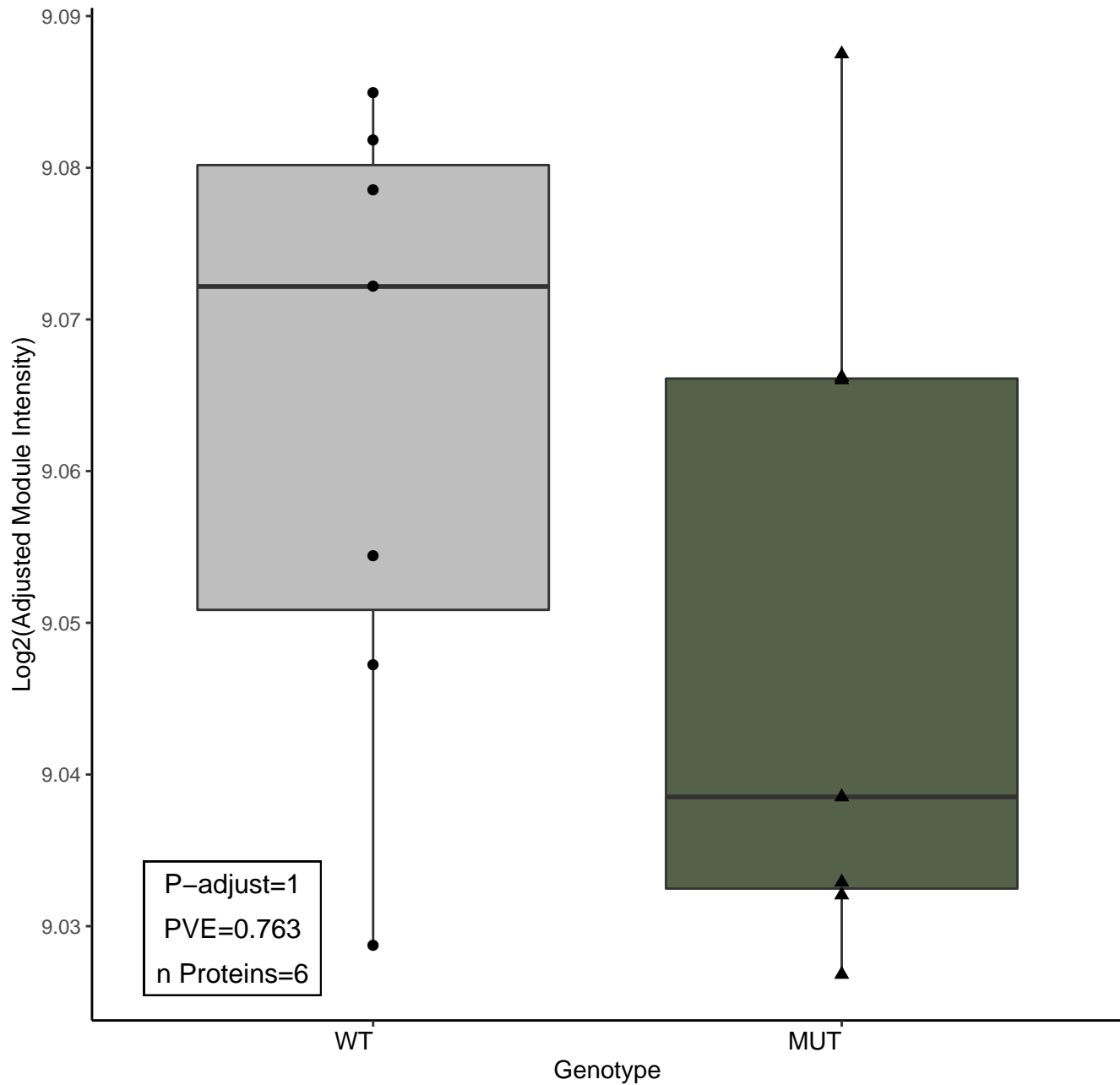
Genotype

MUT

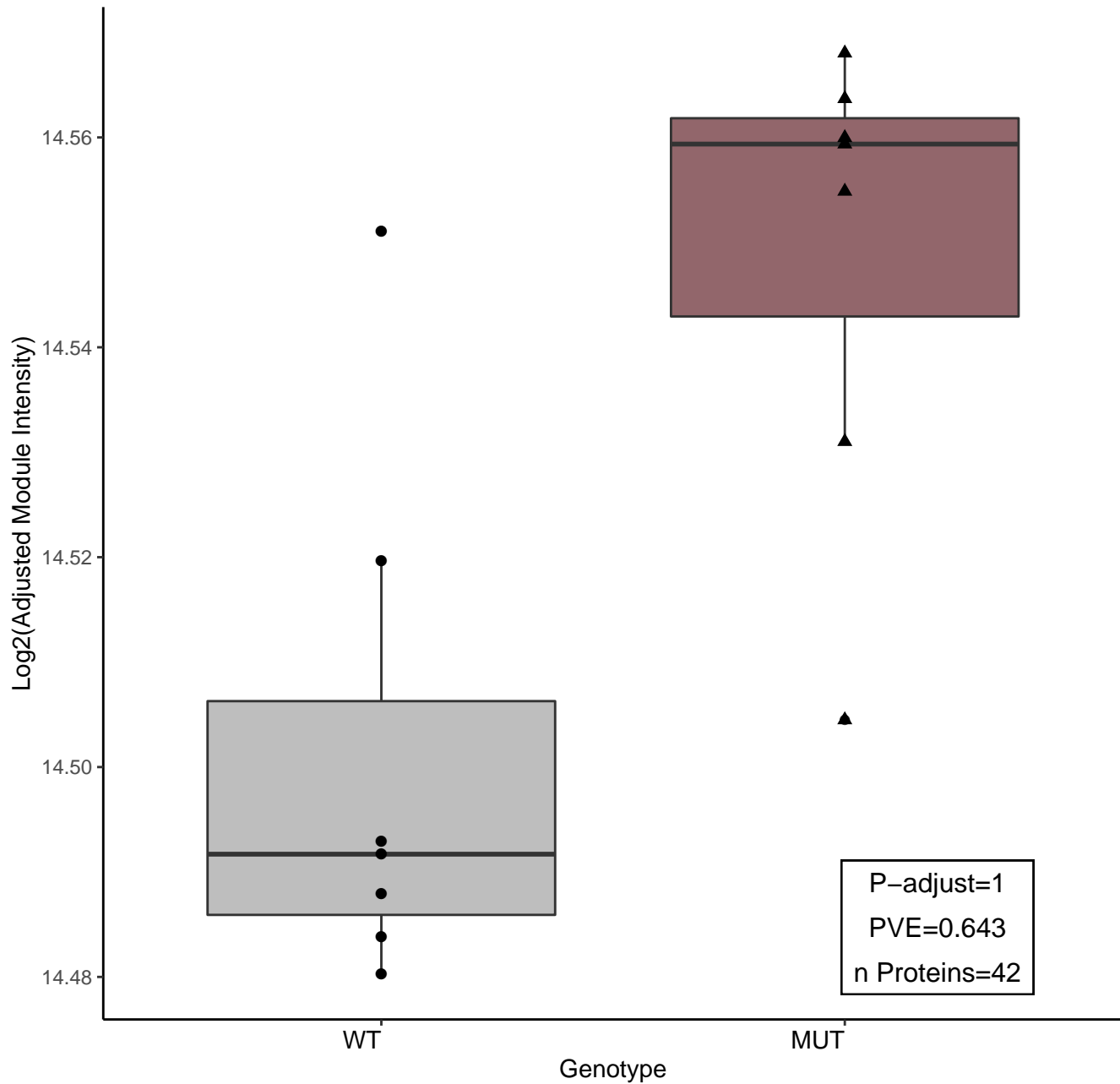




M65



M66



M67

Log2(Adjusted Module Intensity)

13.76

13.74

13.72

13.70

WT

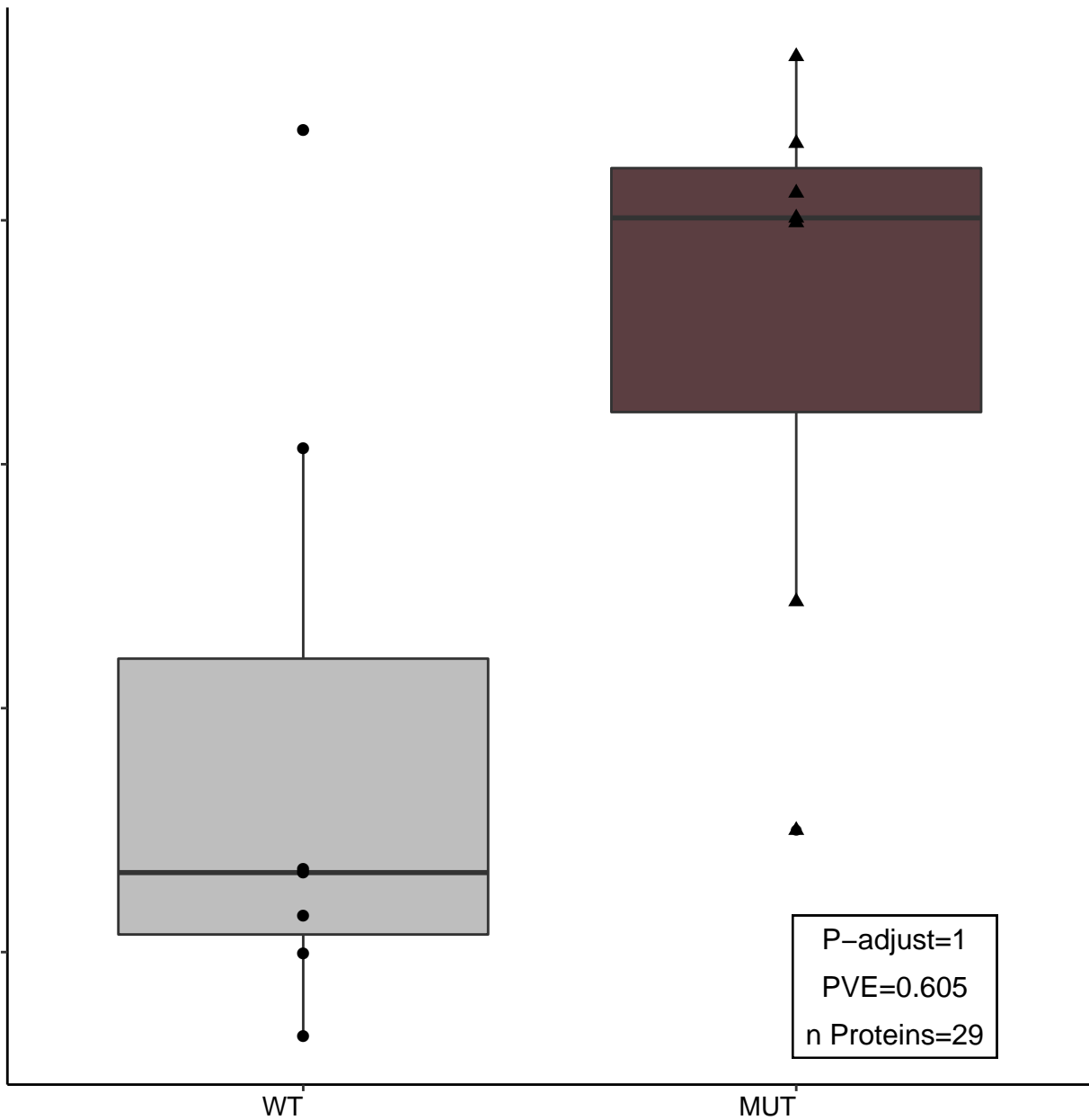
Genotype

MUT

P-adjust=1

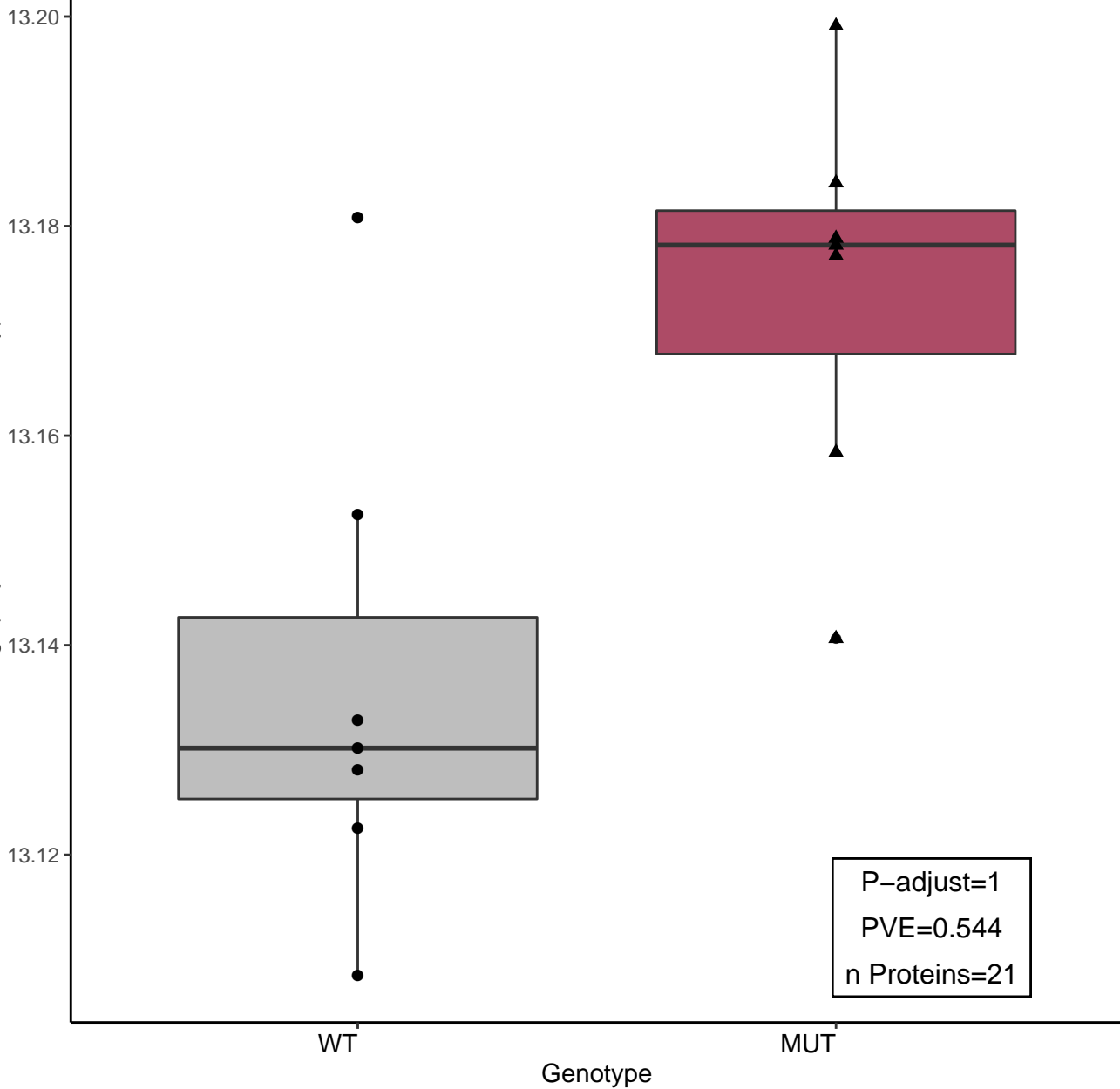
PVE=0.605

n Proteins=29



M68

Log2(Adjusted Module Intensity)



M69

Log2(Adjusted Module Intensity)

13.10

13.05

13.00

WT

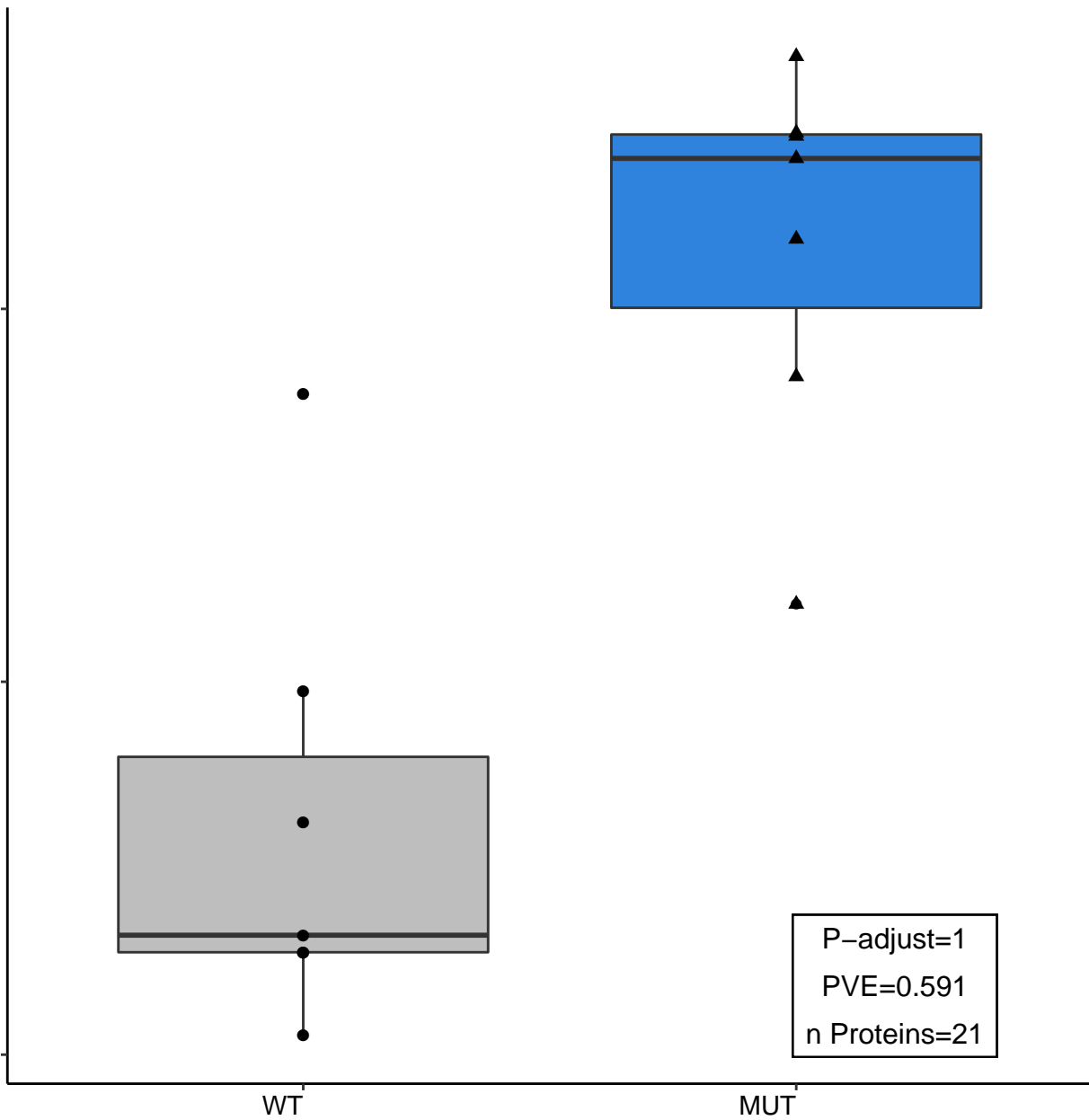
MUT

Genotype

P-adjust=1

PVE=0.591

n Proteins=21



M70

Log2(Adjusted Module Intensity)

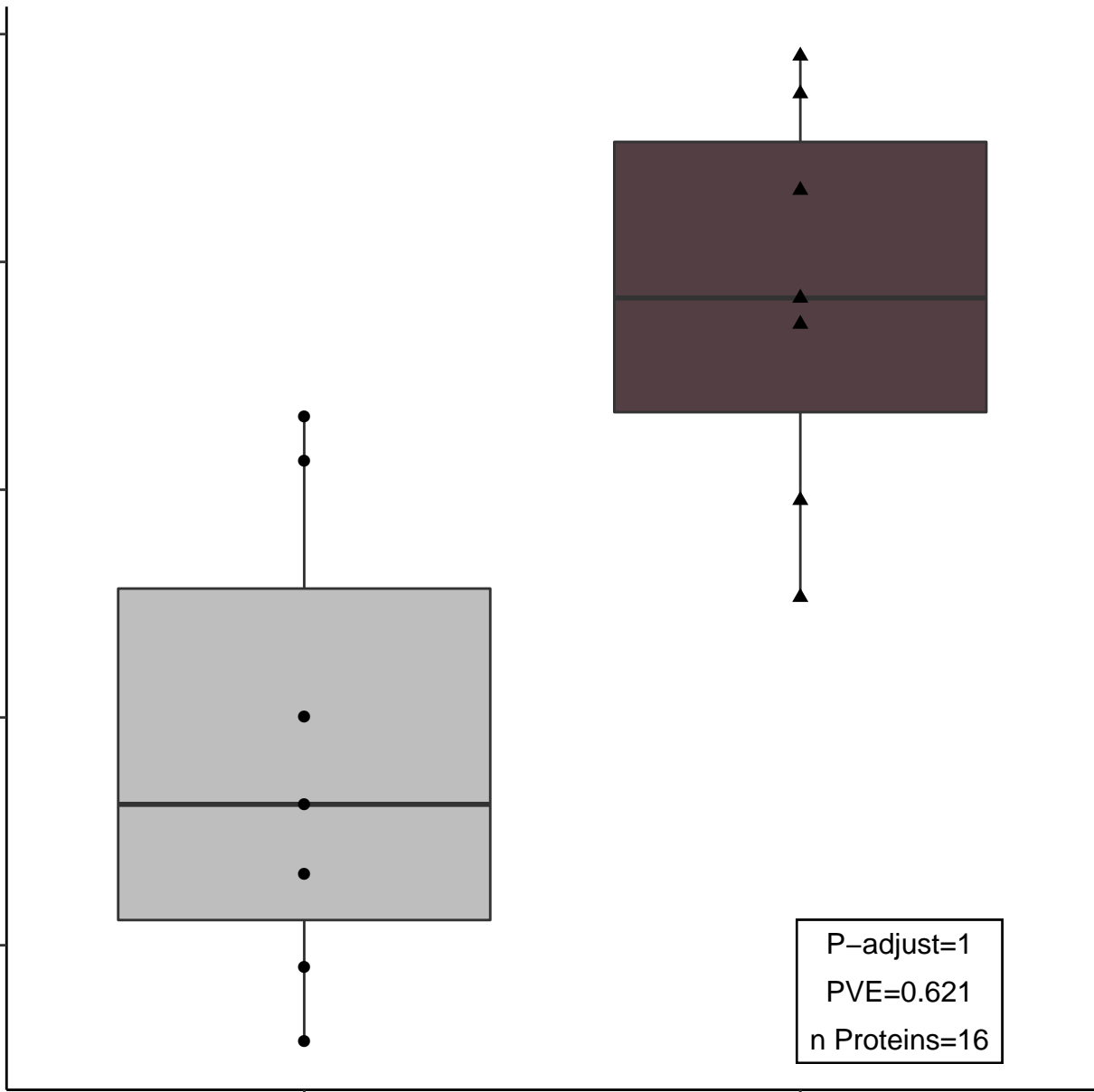
12.14  
12.12  
12.10  
12.08  
12.06

WT

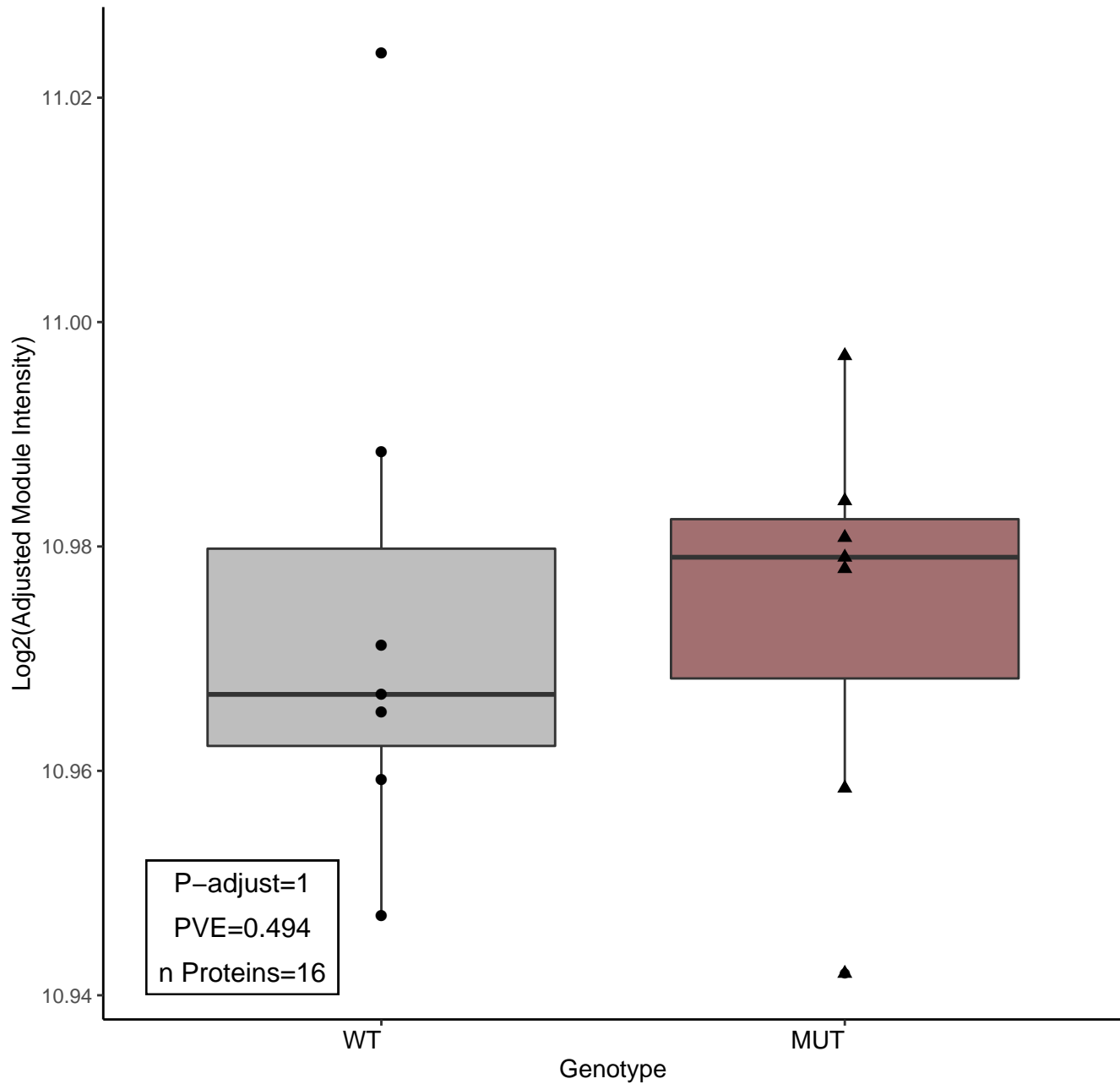
MUT

Genotype

P-adjust=1  
PVE=0.621  
n Proteins=16



M71



M72

Log2(Adjusted Module Intensity)

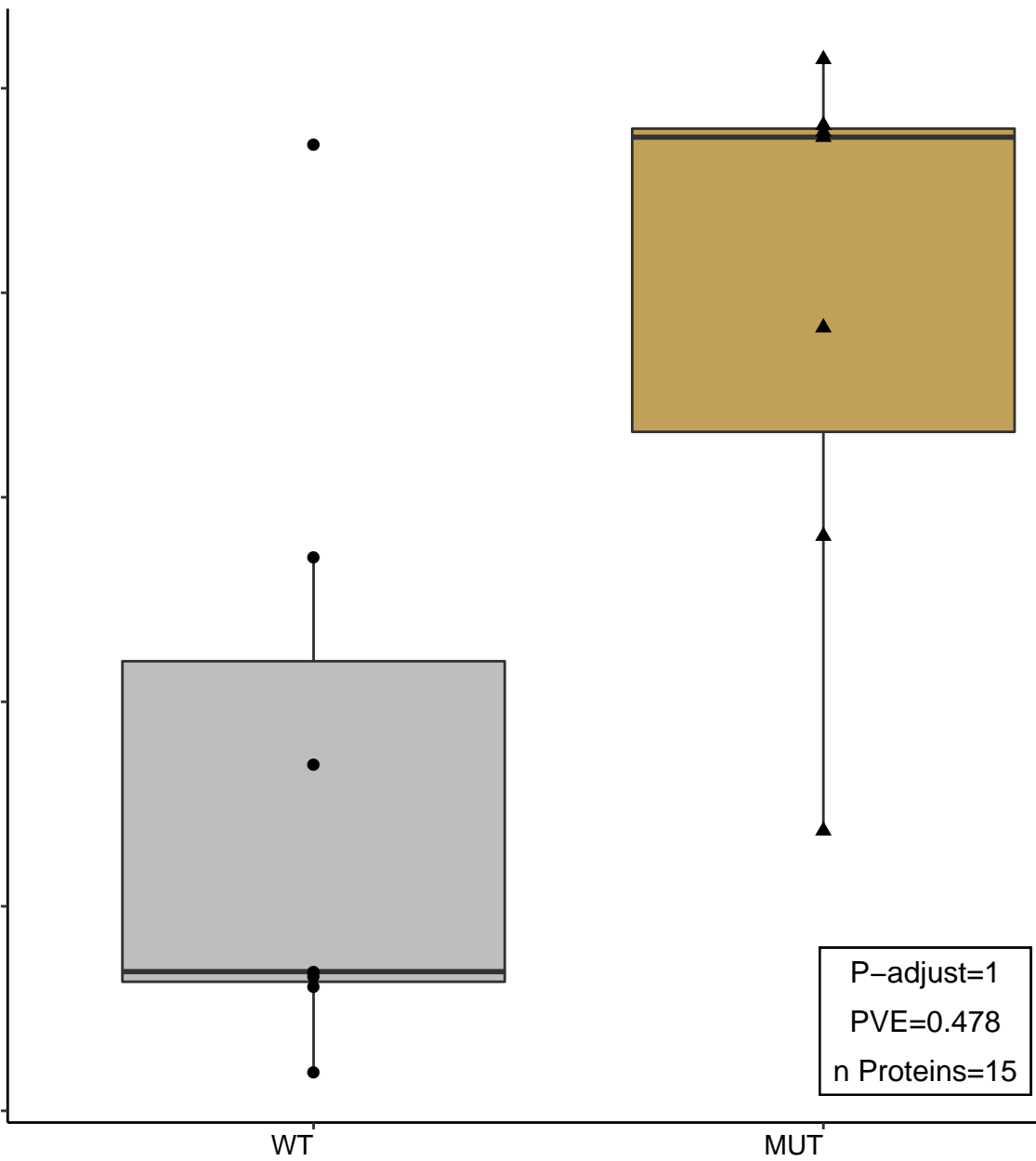
11.16  
11.14  
11.12  
11.10  
11.08  
11.06

WT

MUT

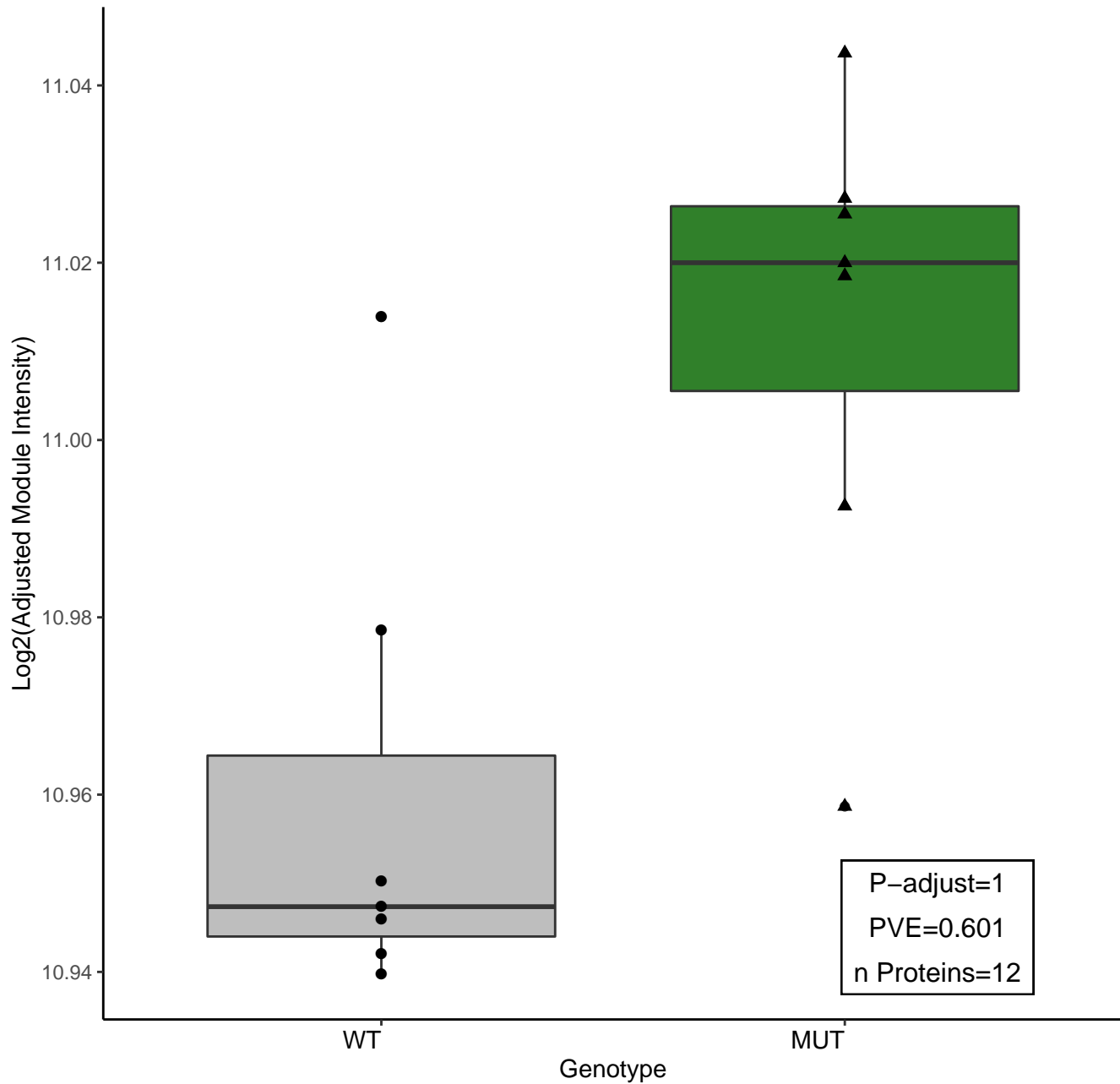
Genotype

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

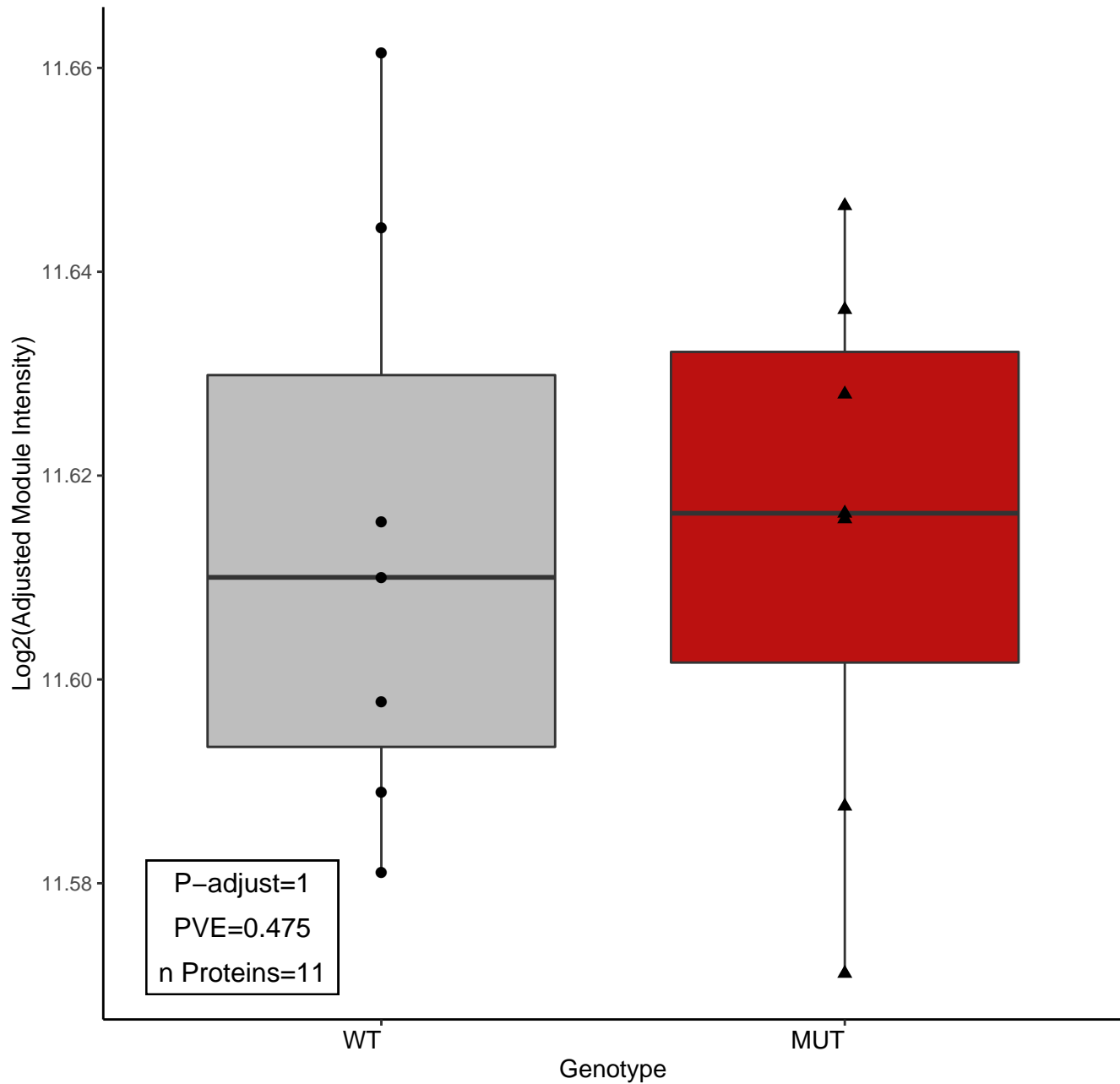




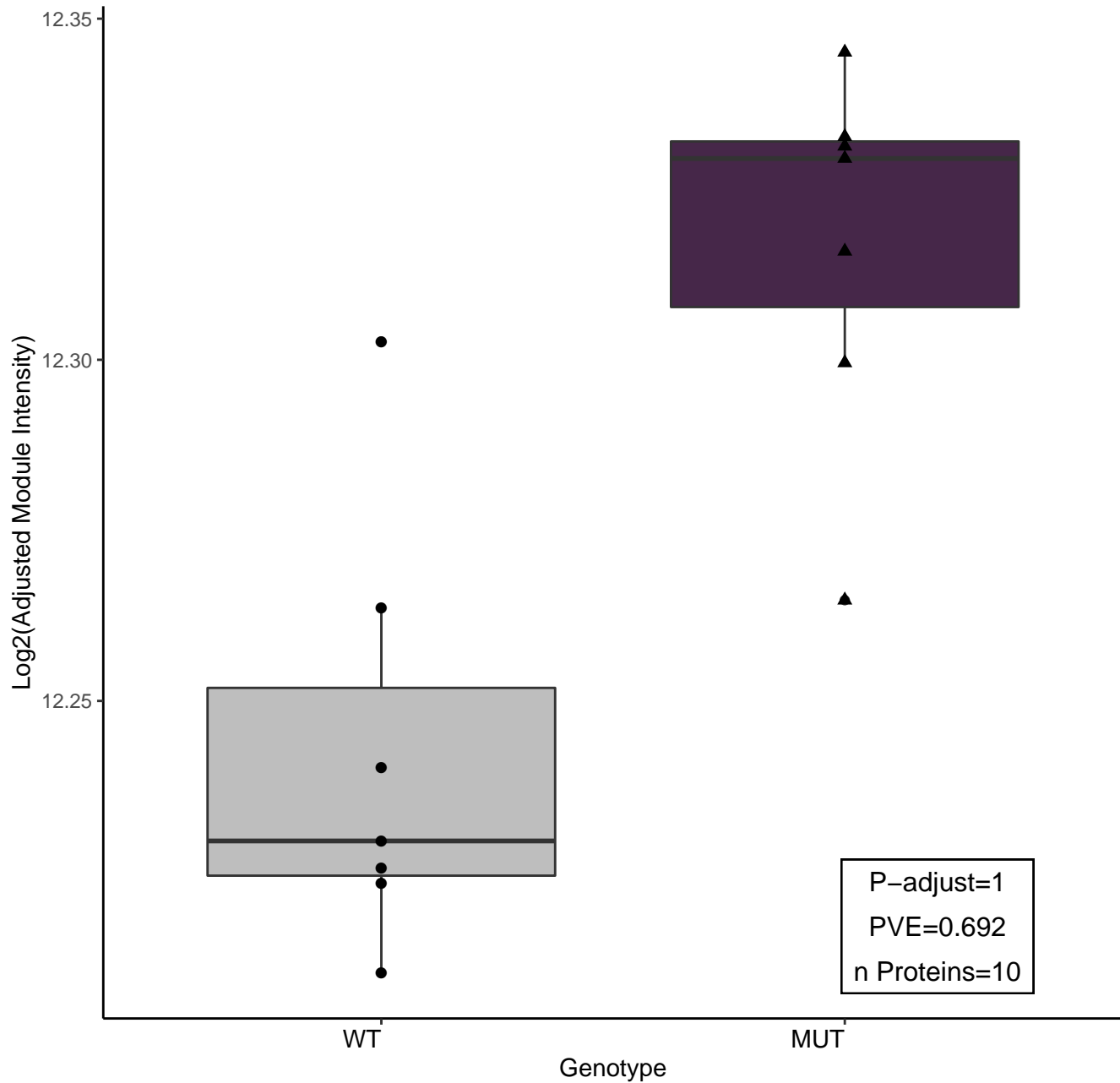
M73

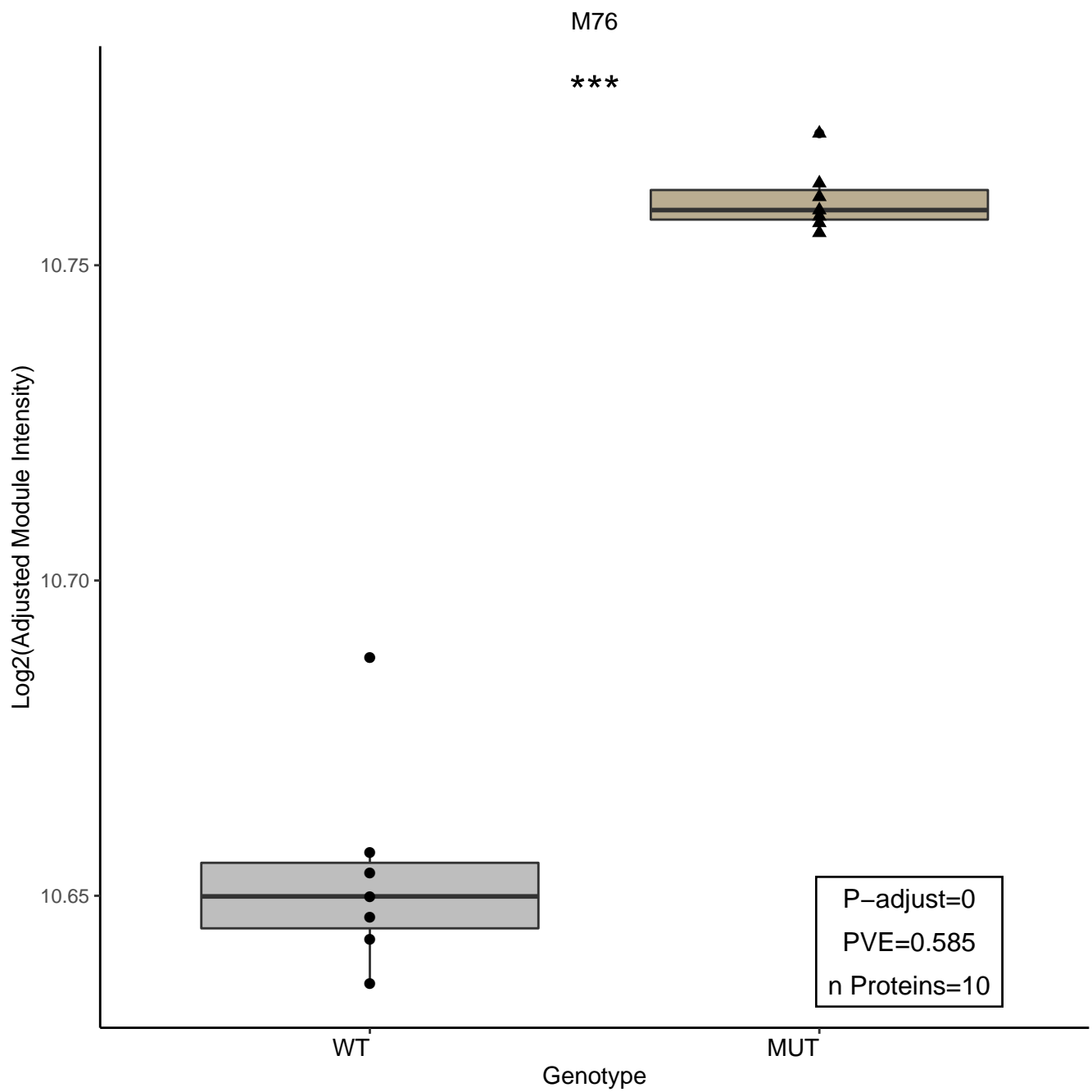


M74

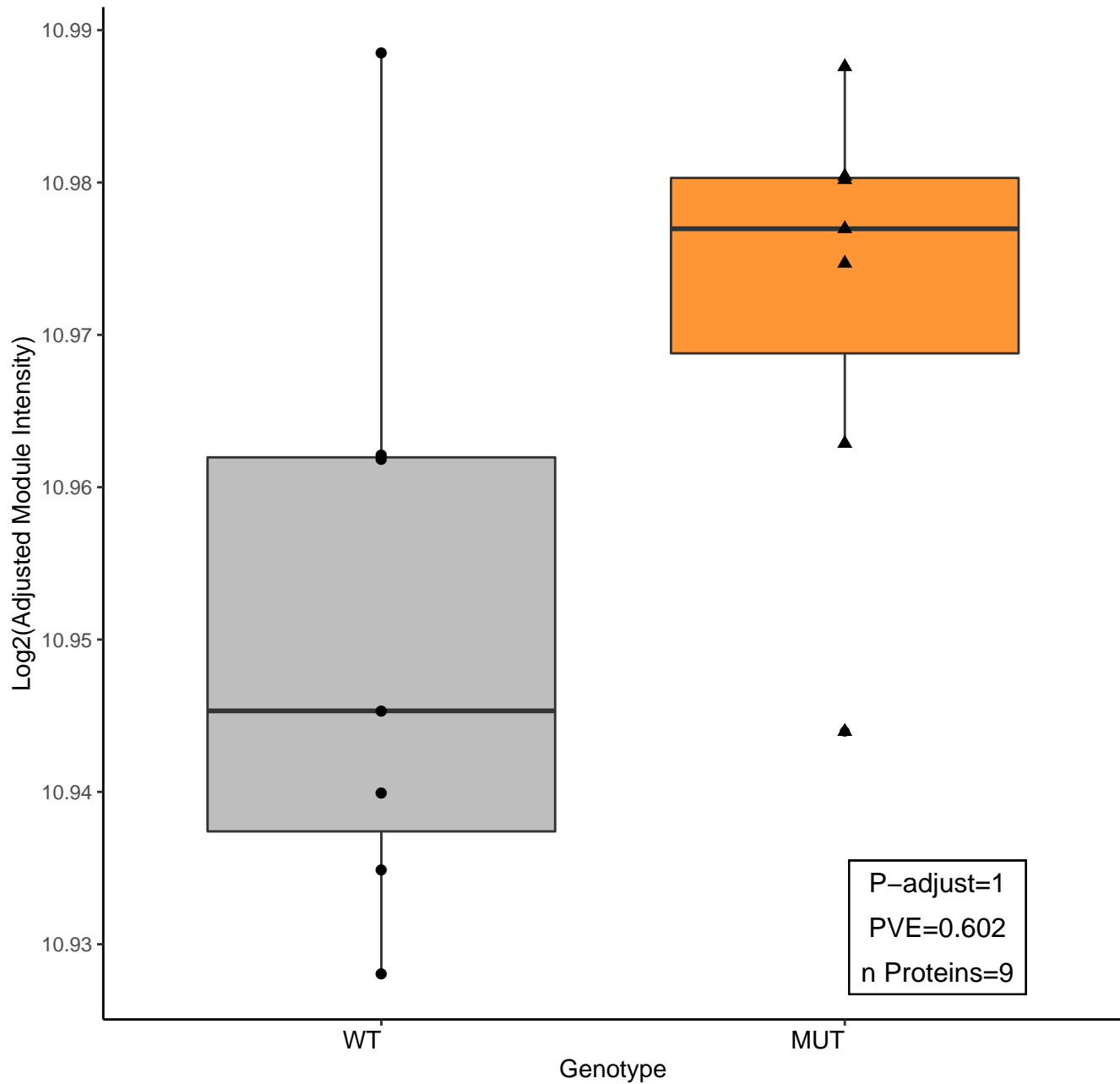


M75

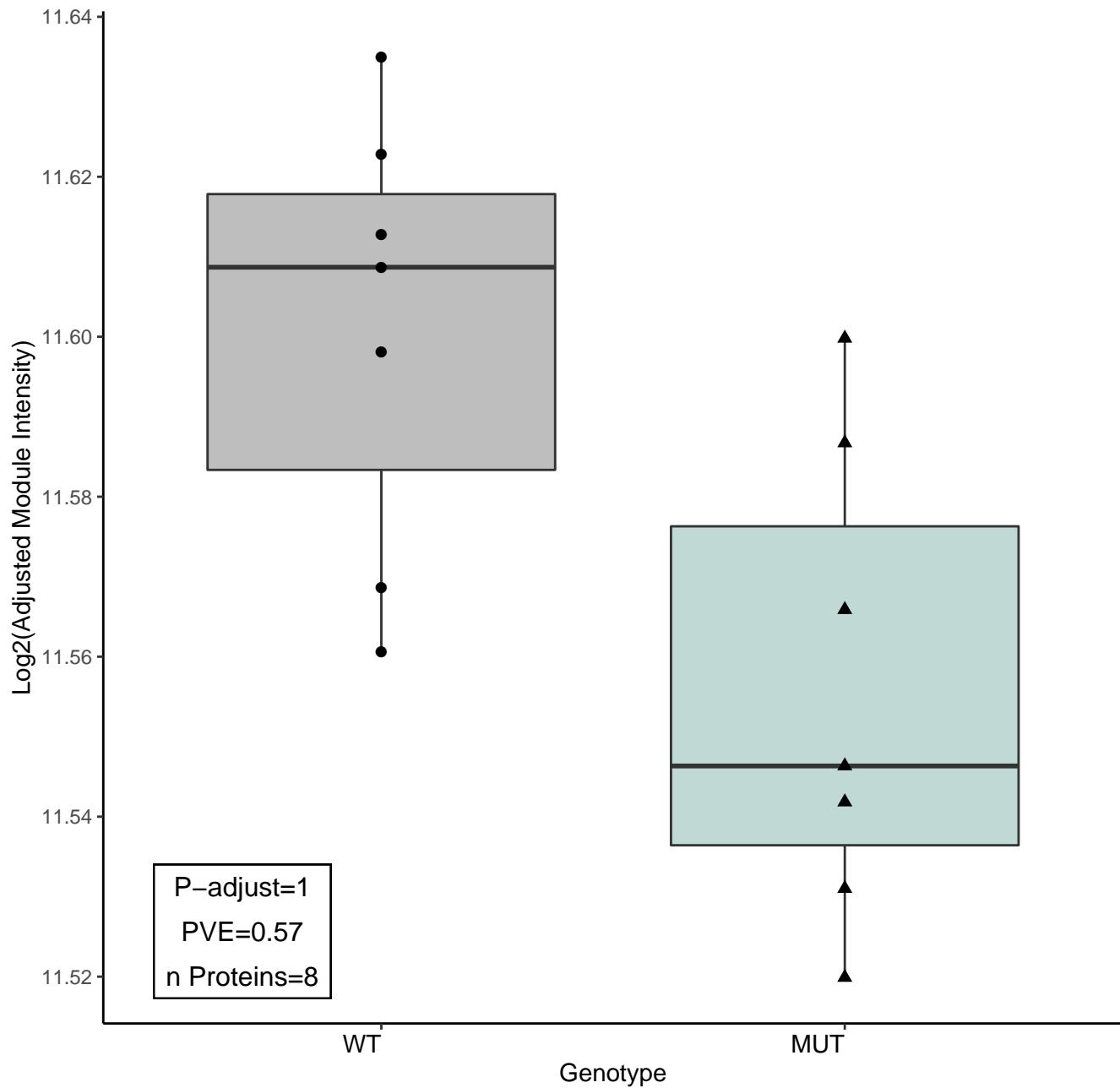




M77



M78



M79

Log2(Adjusted Module Intensity)

9.55

9.50

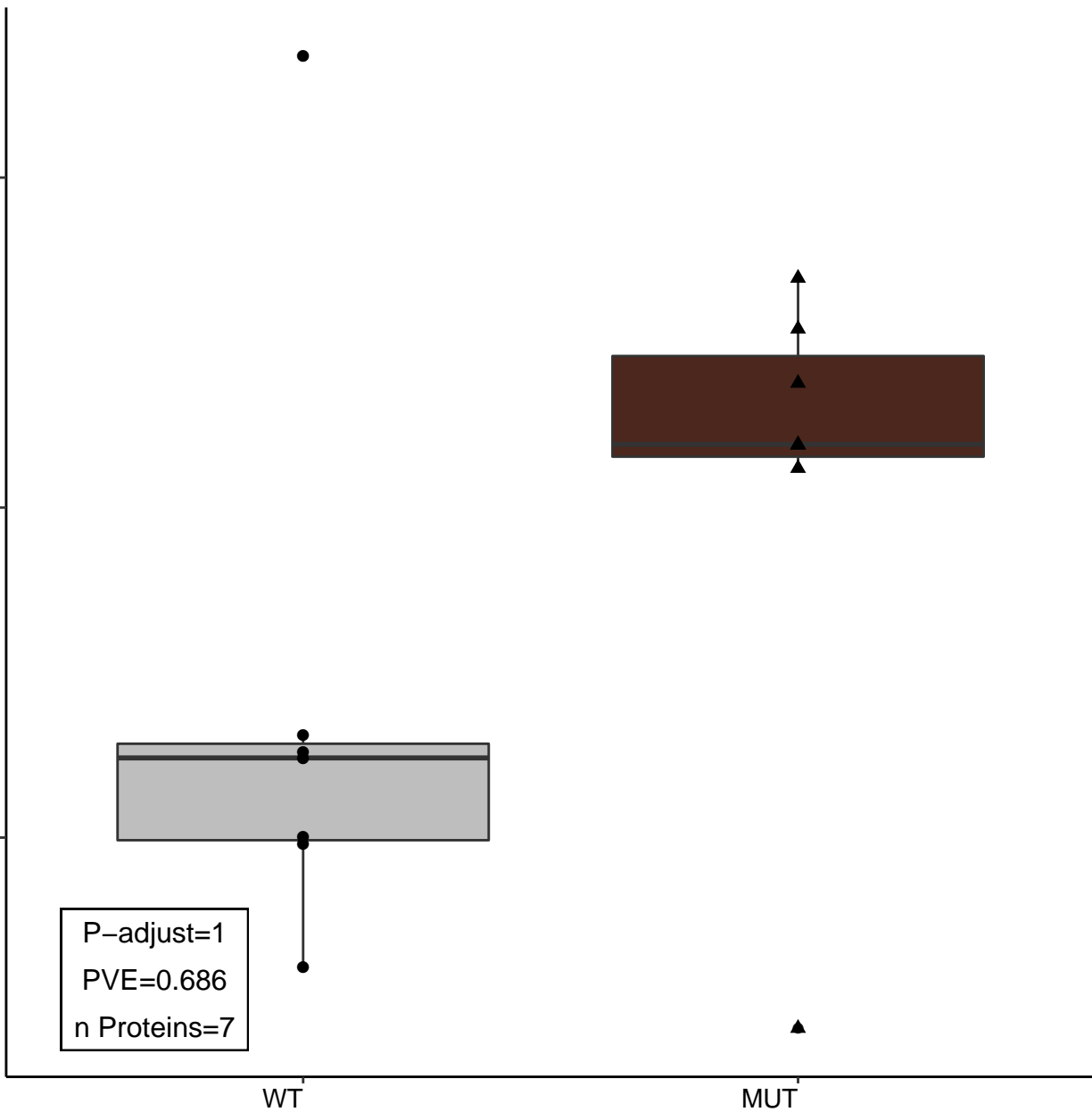
9.45

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

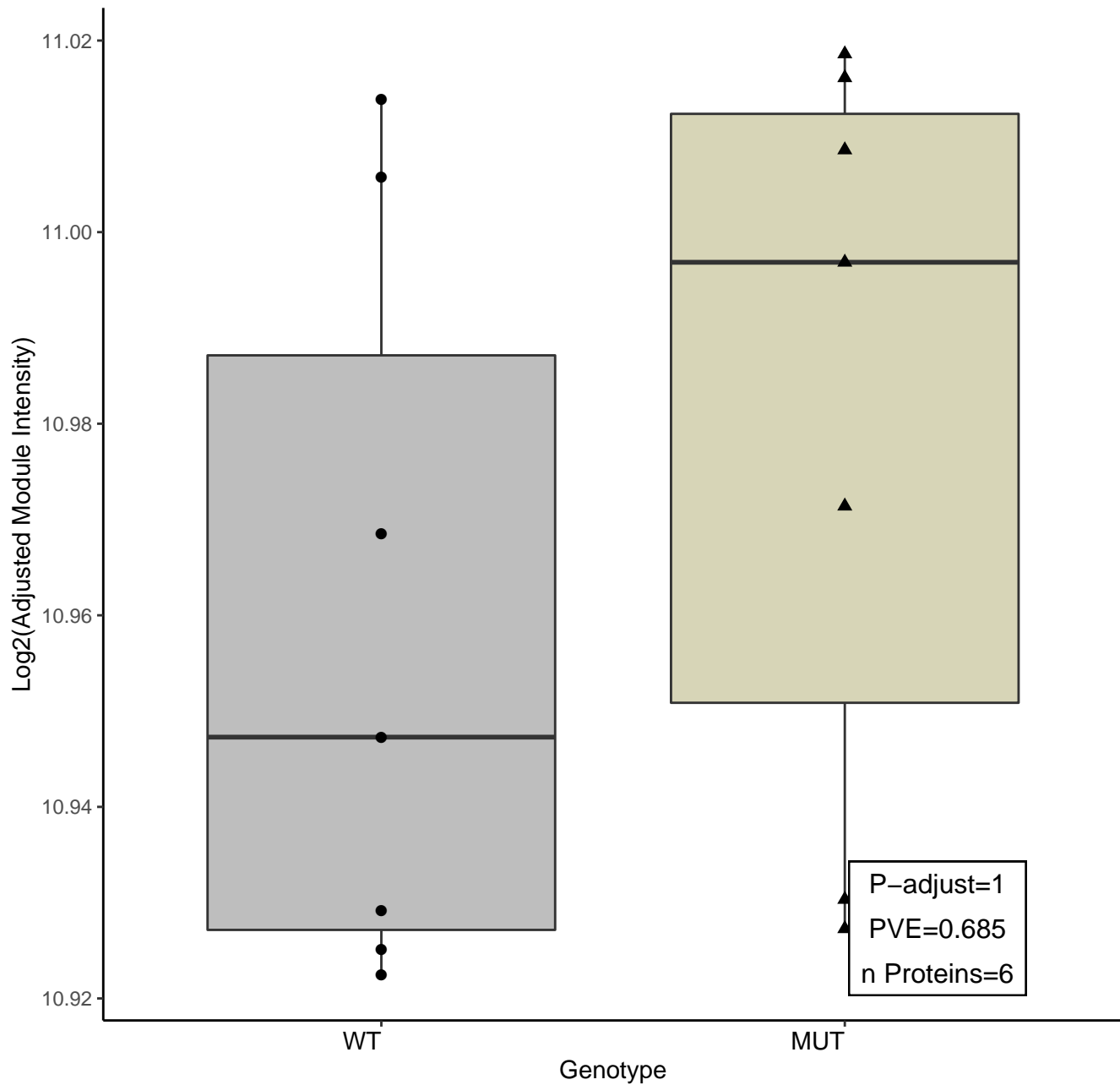
WT

Genotype

MUT



M80





M81

Log2(Adjusted Module Intensity)

15.20

15.15

15.10

15.05

WT

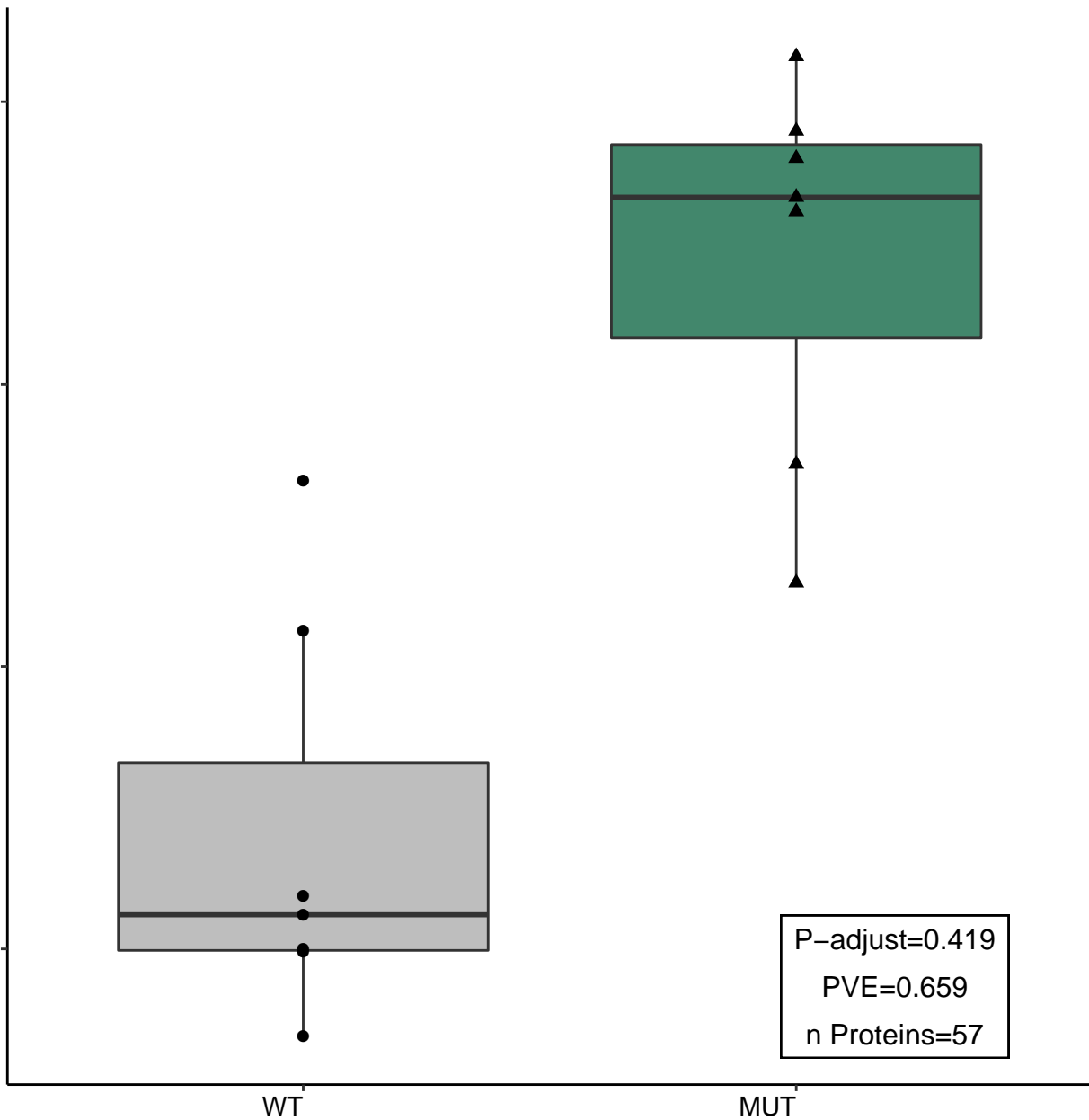
Genotype

MUT

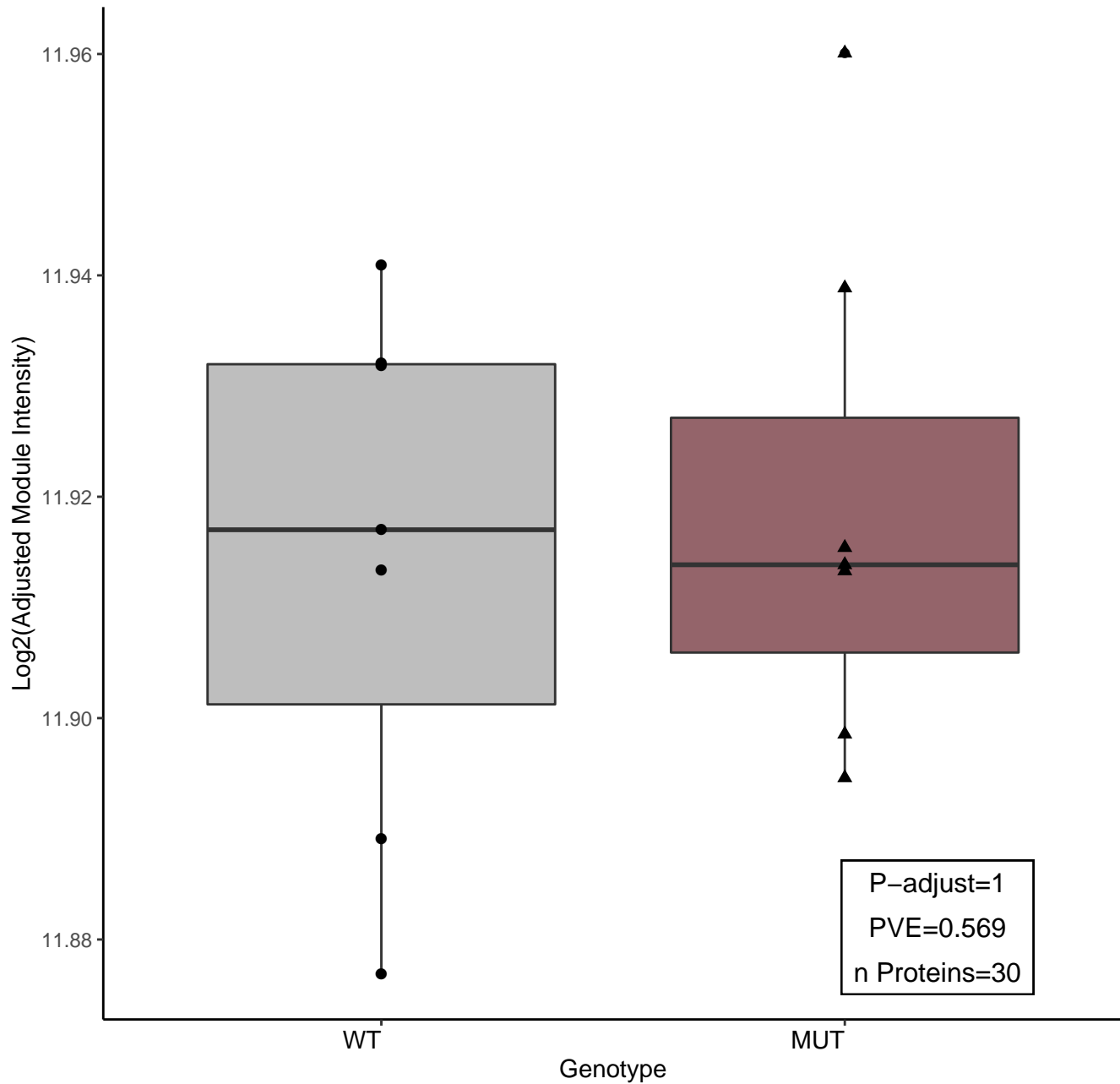
P-adjust=0.419

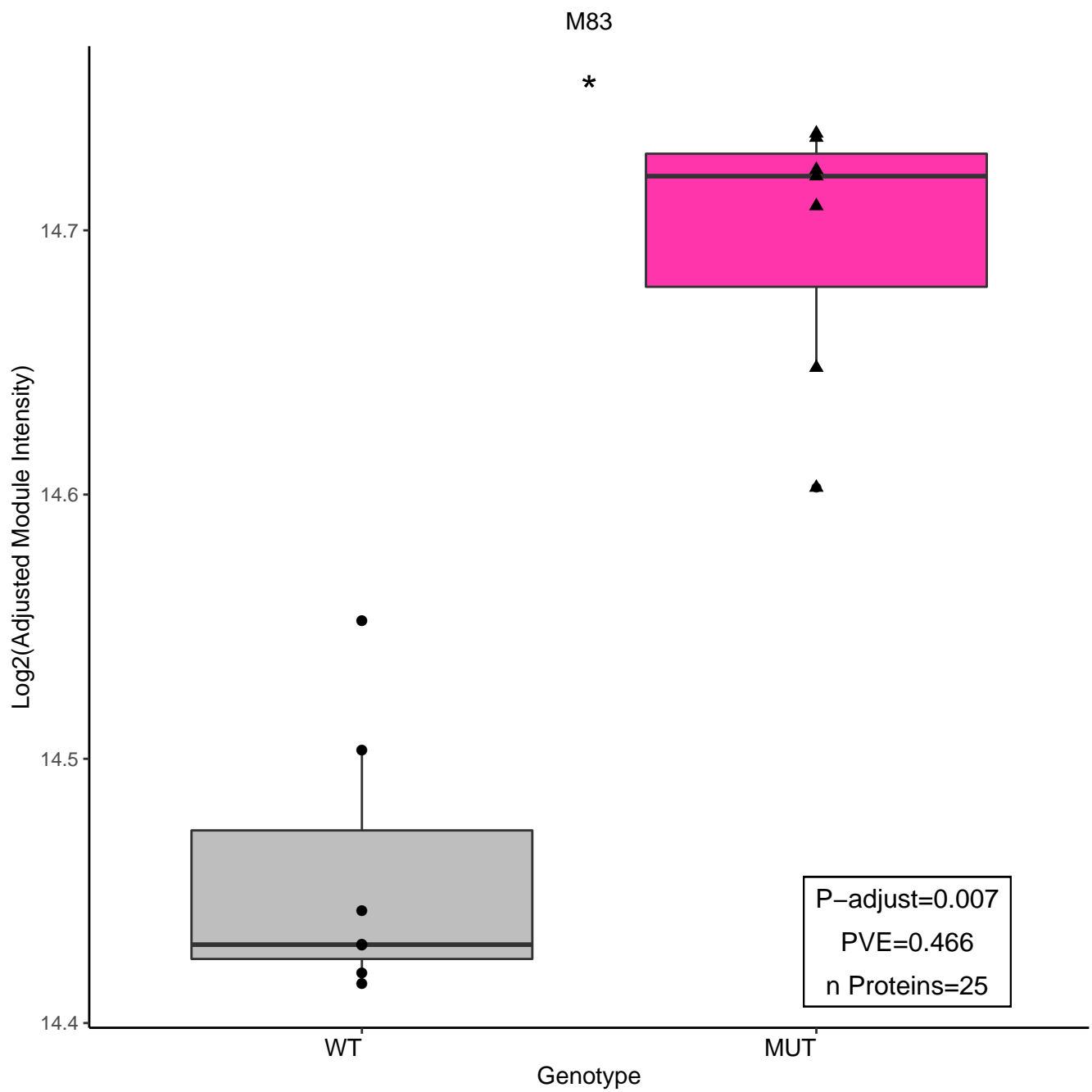
PVE=0.659

n Proteins=57



M82





M84

Log2(Adjusted Module Intensity)

11.58

11.56

11.54

11.52

11.50

11.48

WT

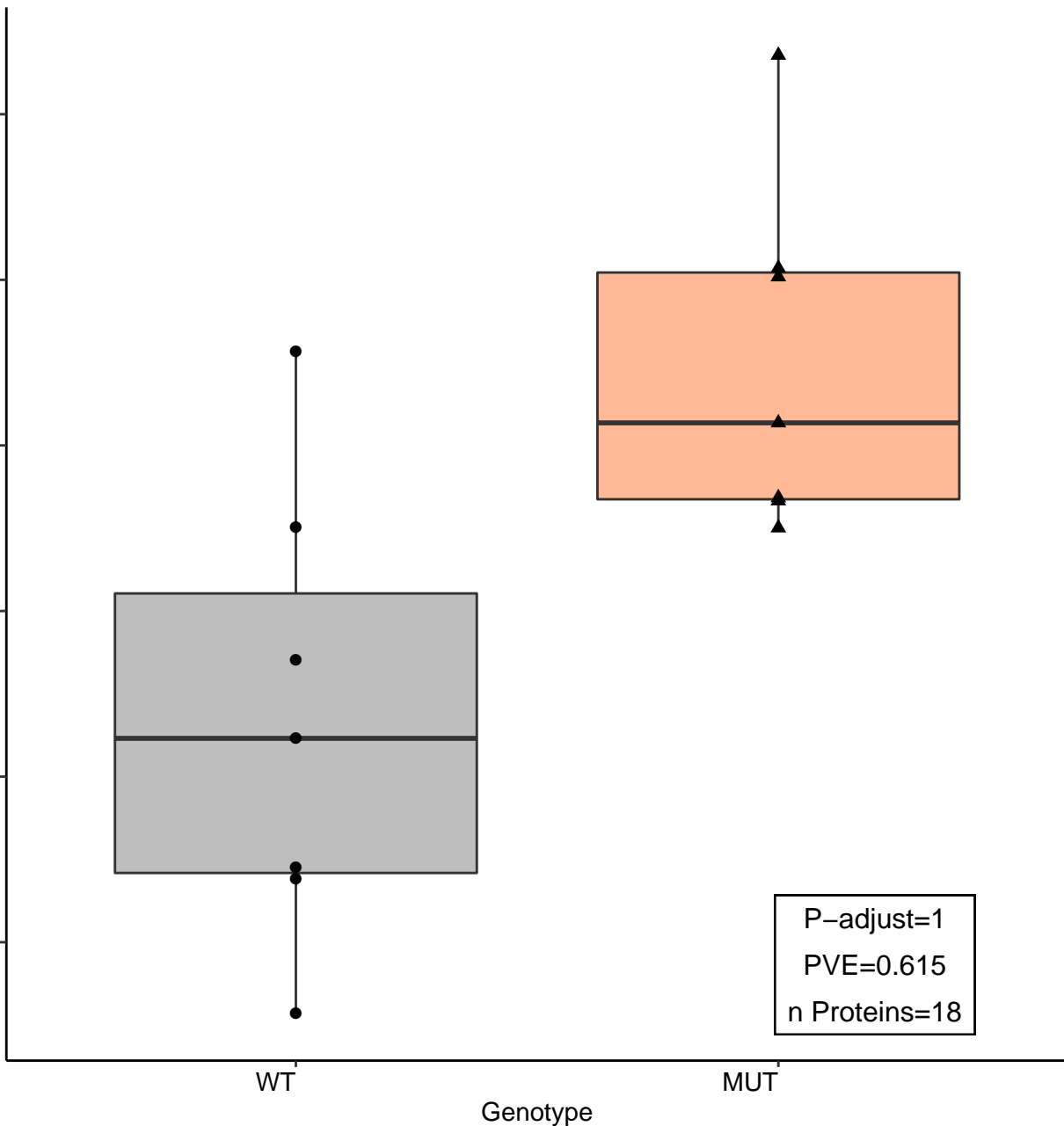
MUT

Genotype

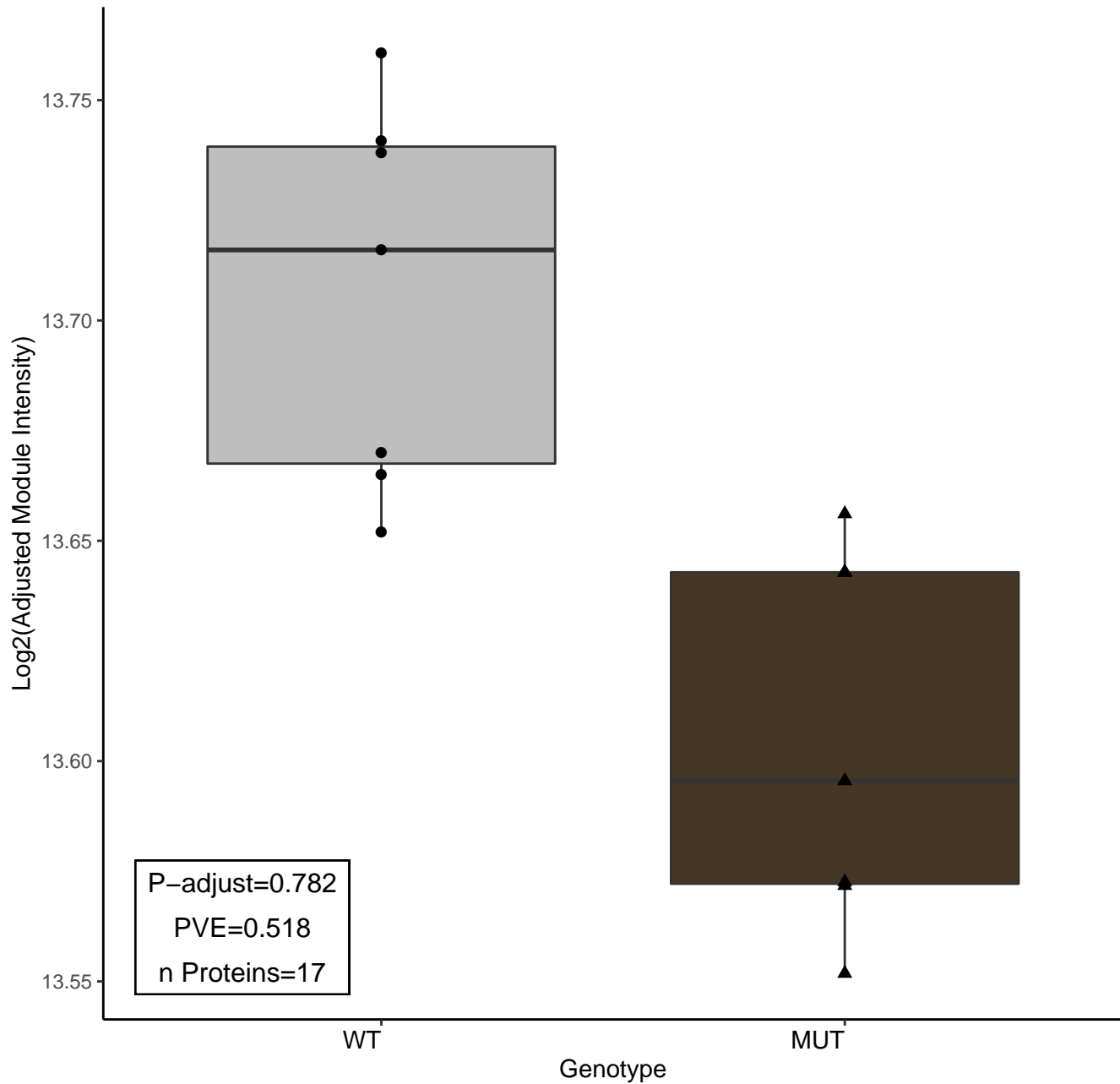
P-adjust=1

PVE=0.615

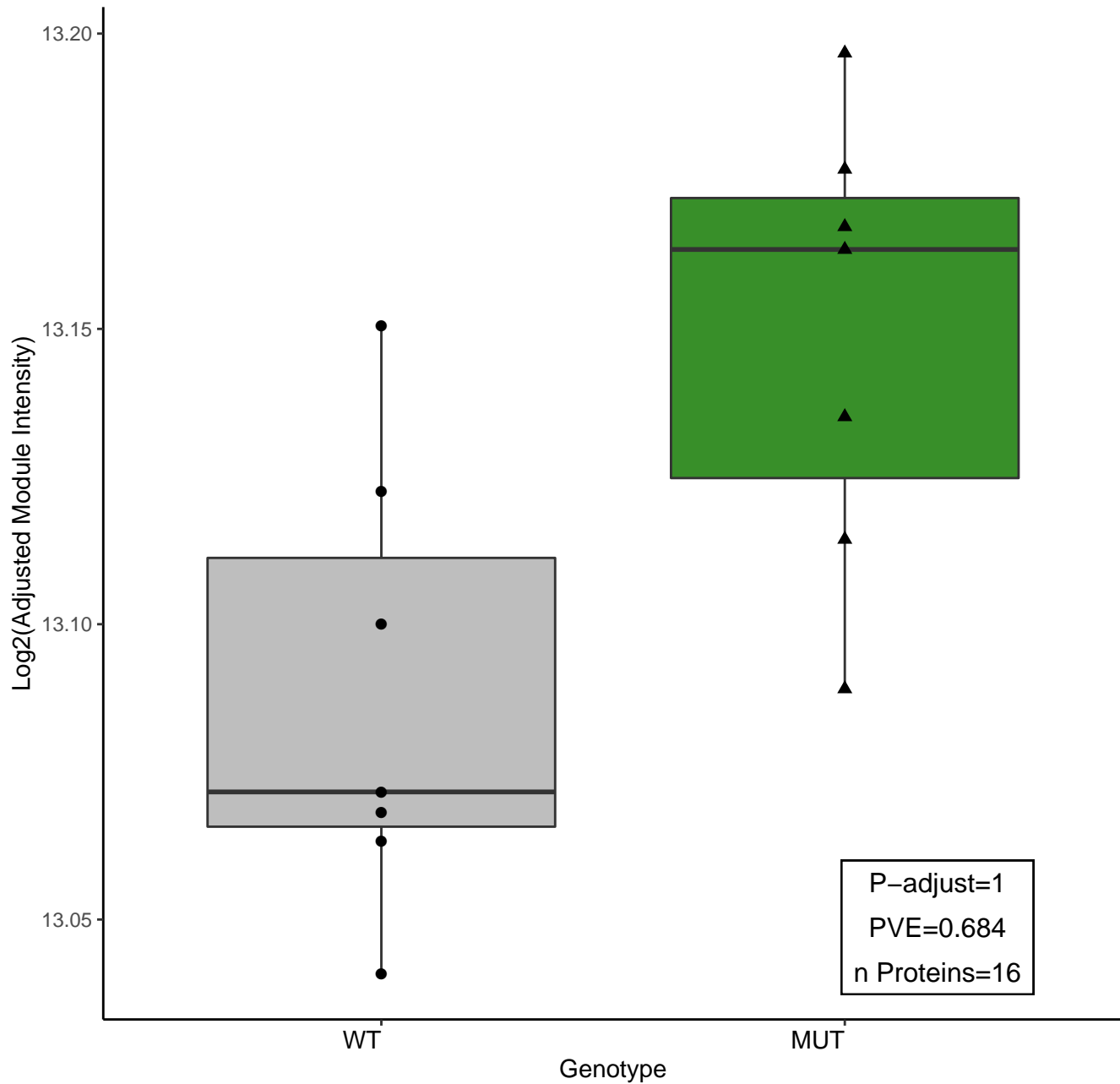
n Proteins=18



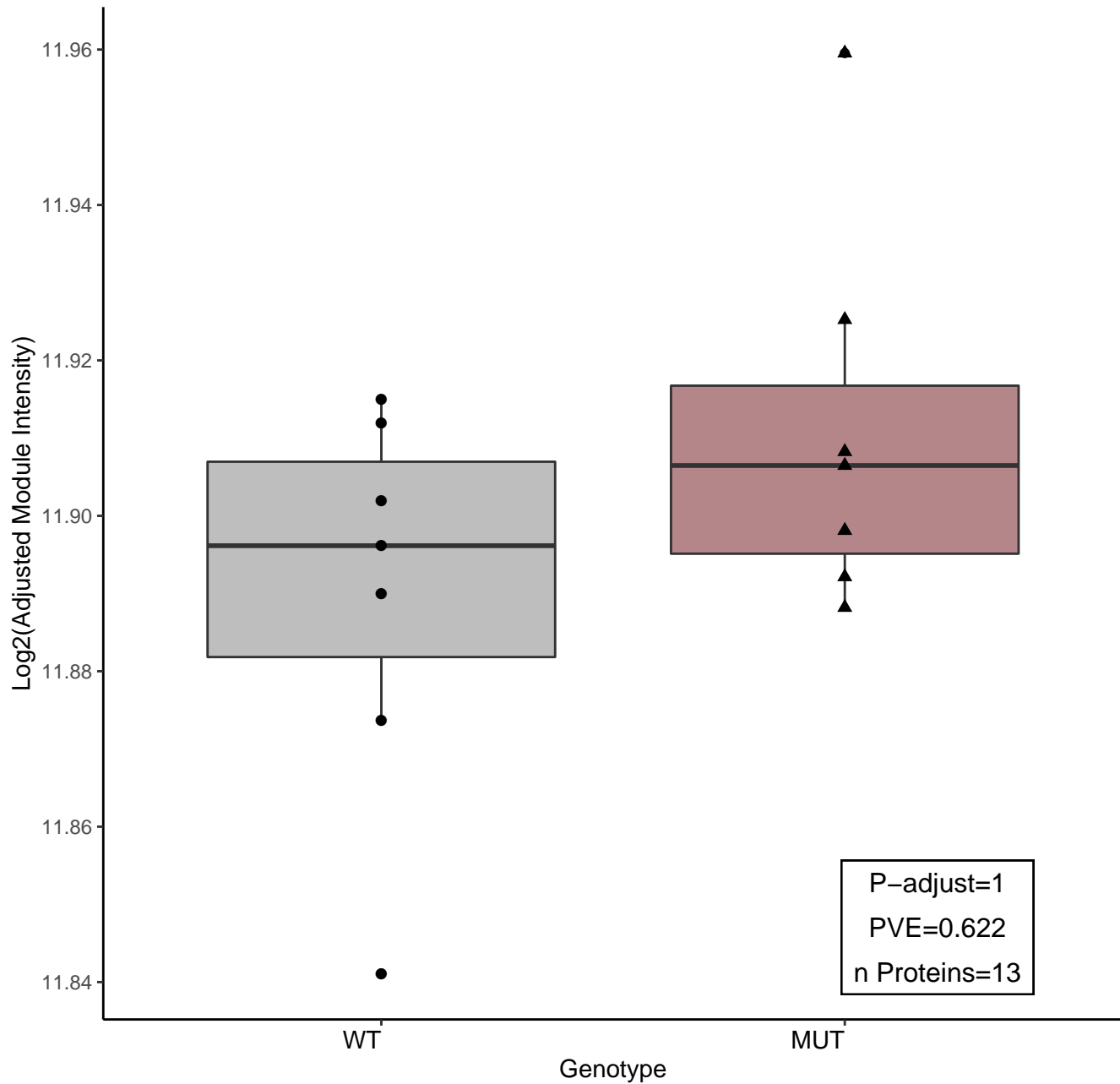
M85



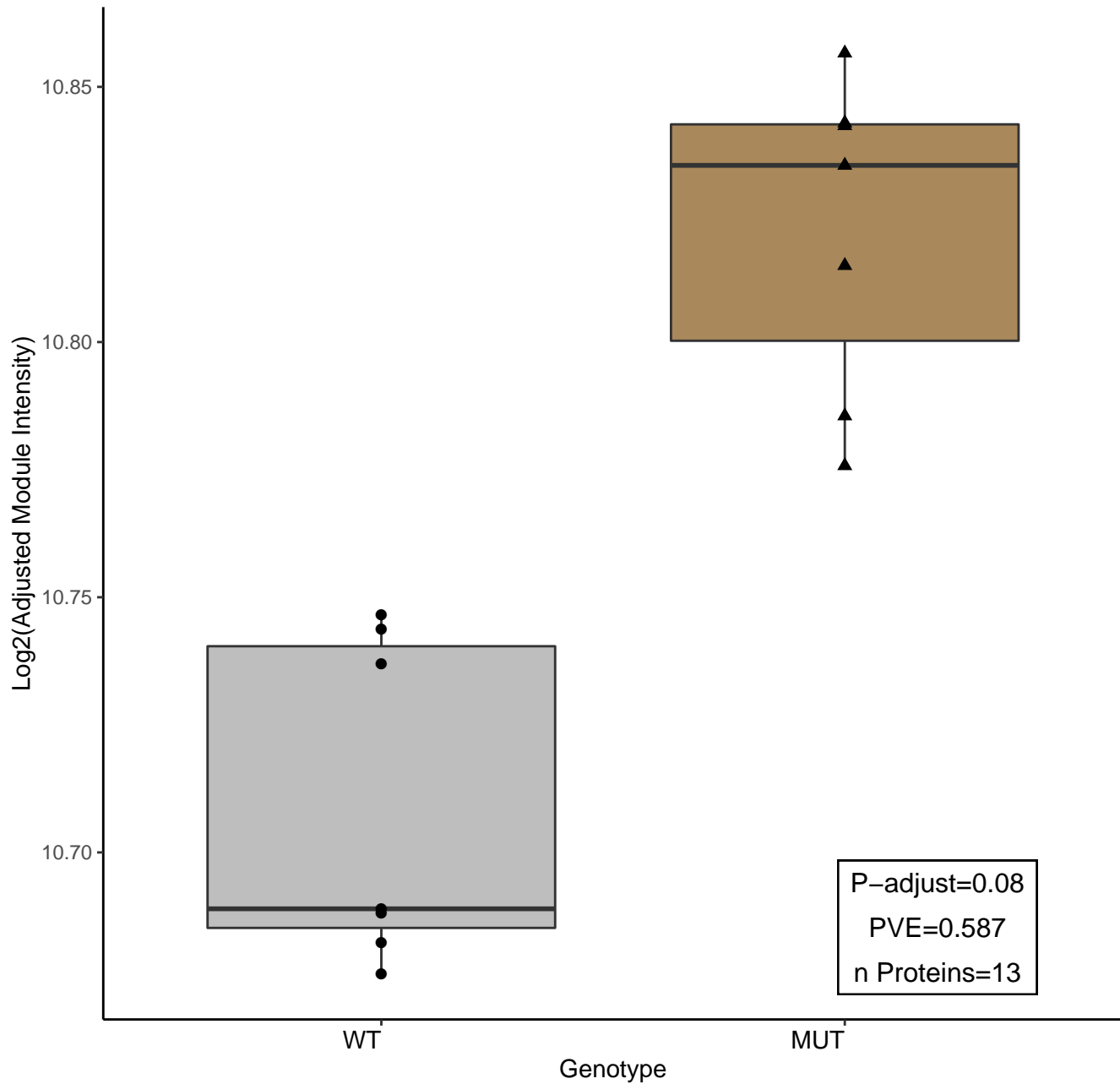
M86



M87

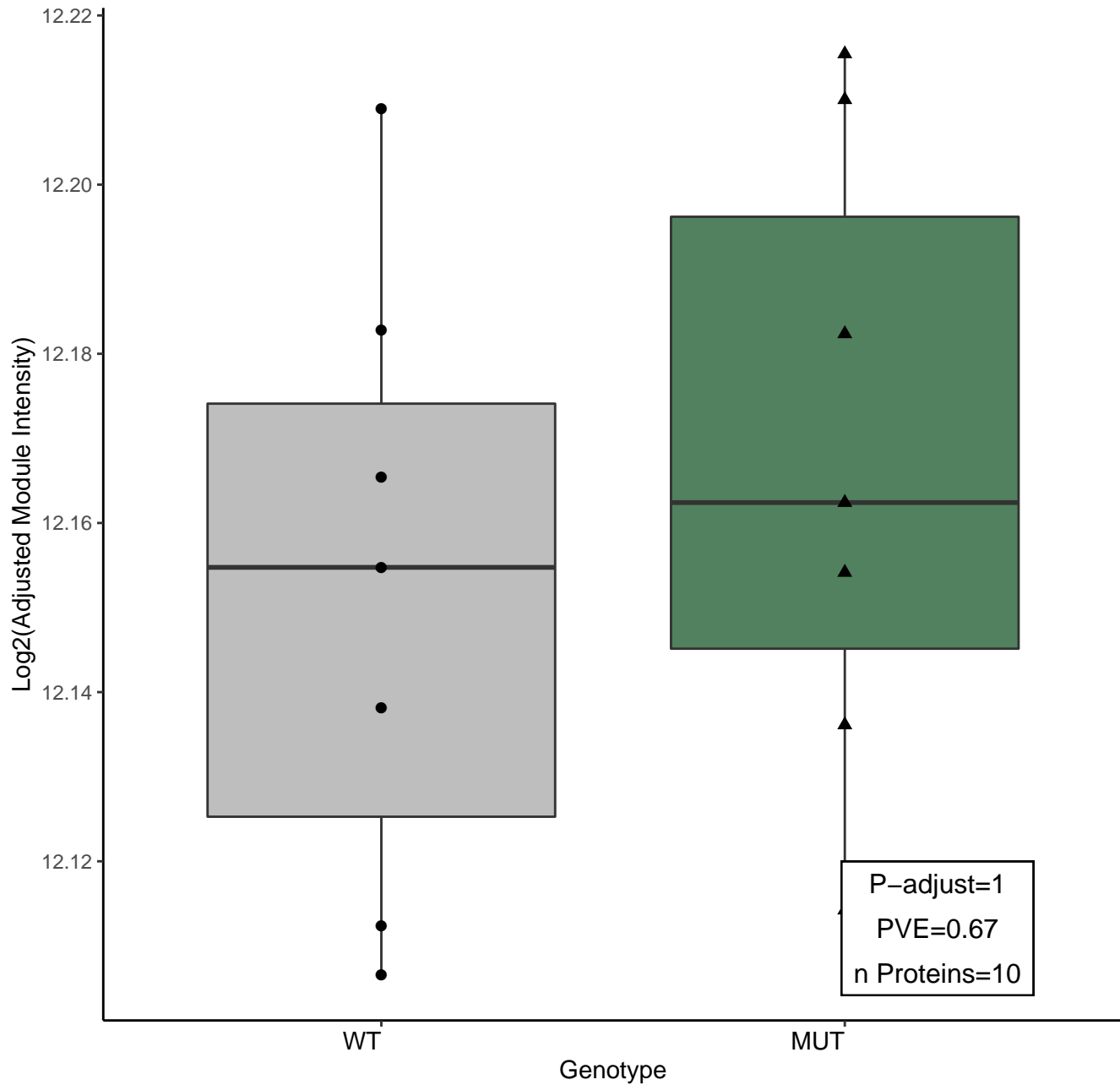


M88





M89



M90

Log2(Adjusted Module Intensity)

9.20

9.15

9.10

WT

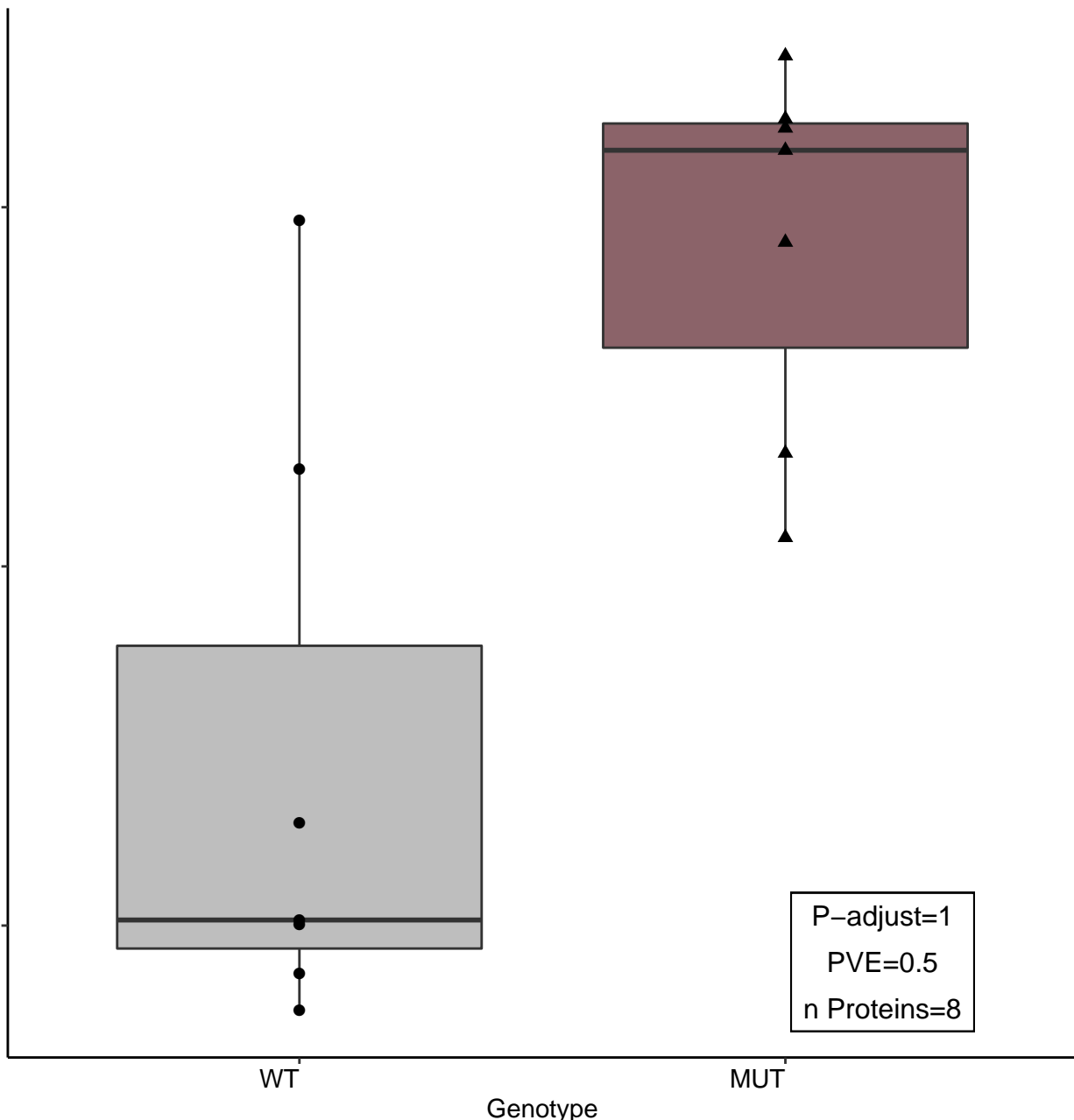
MUT

Genotype

P-adjust=1

PVE=0.5

n Proteins=8



M91

Log2(Adjusted Module Intensity)

10.04

10.02

10.00

9.98

P-adjust=1

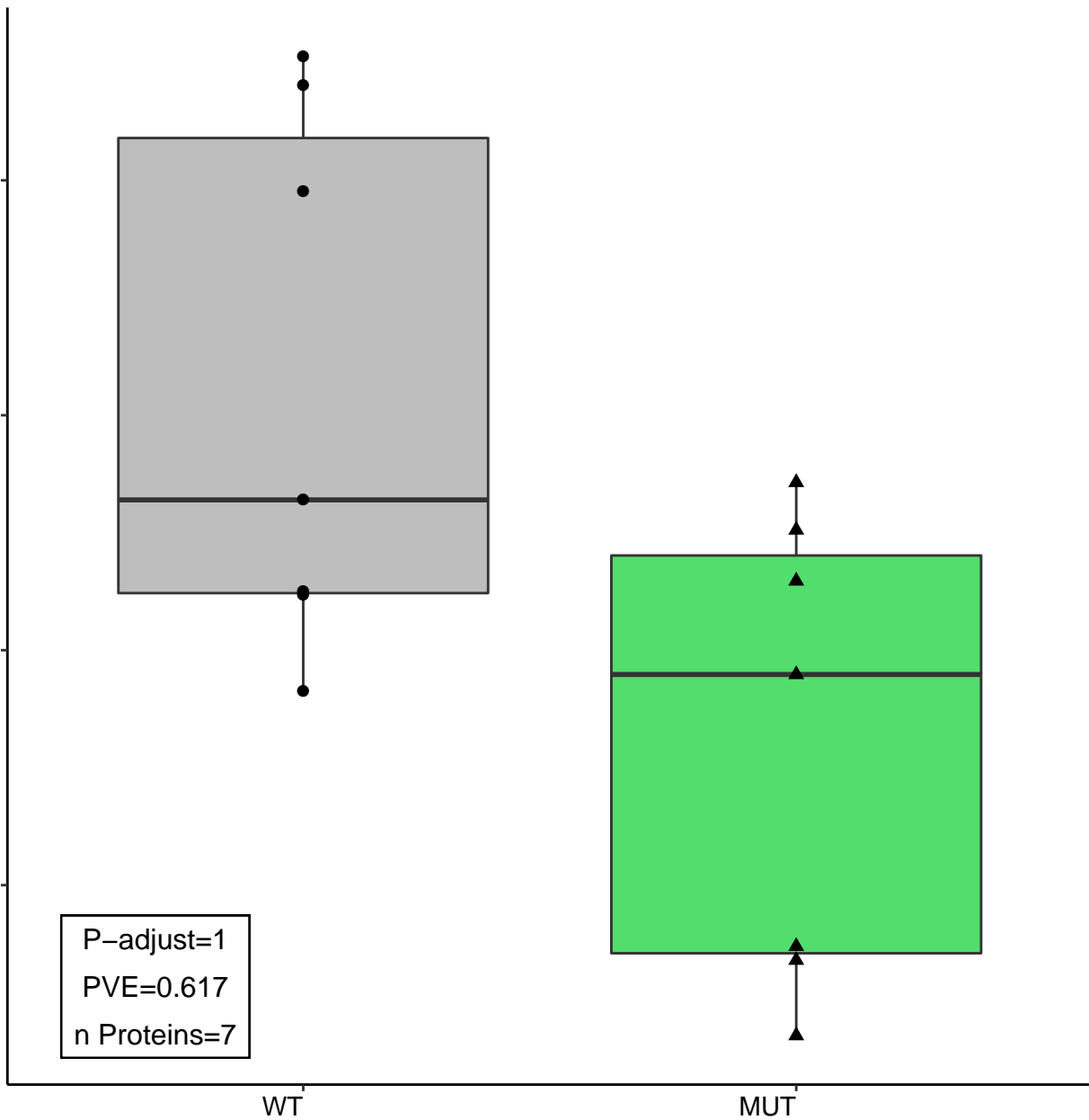
PVE=0.617

n Proteins=7

WT

Genotype

MUT



M92

Log2(Adjusted Module Intensity)

14.08

14.06

14.04

14.02

WT

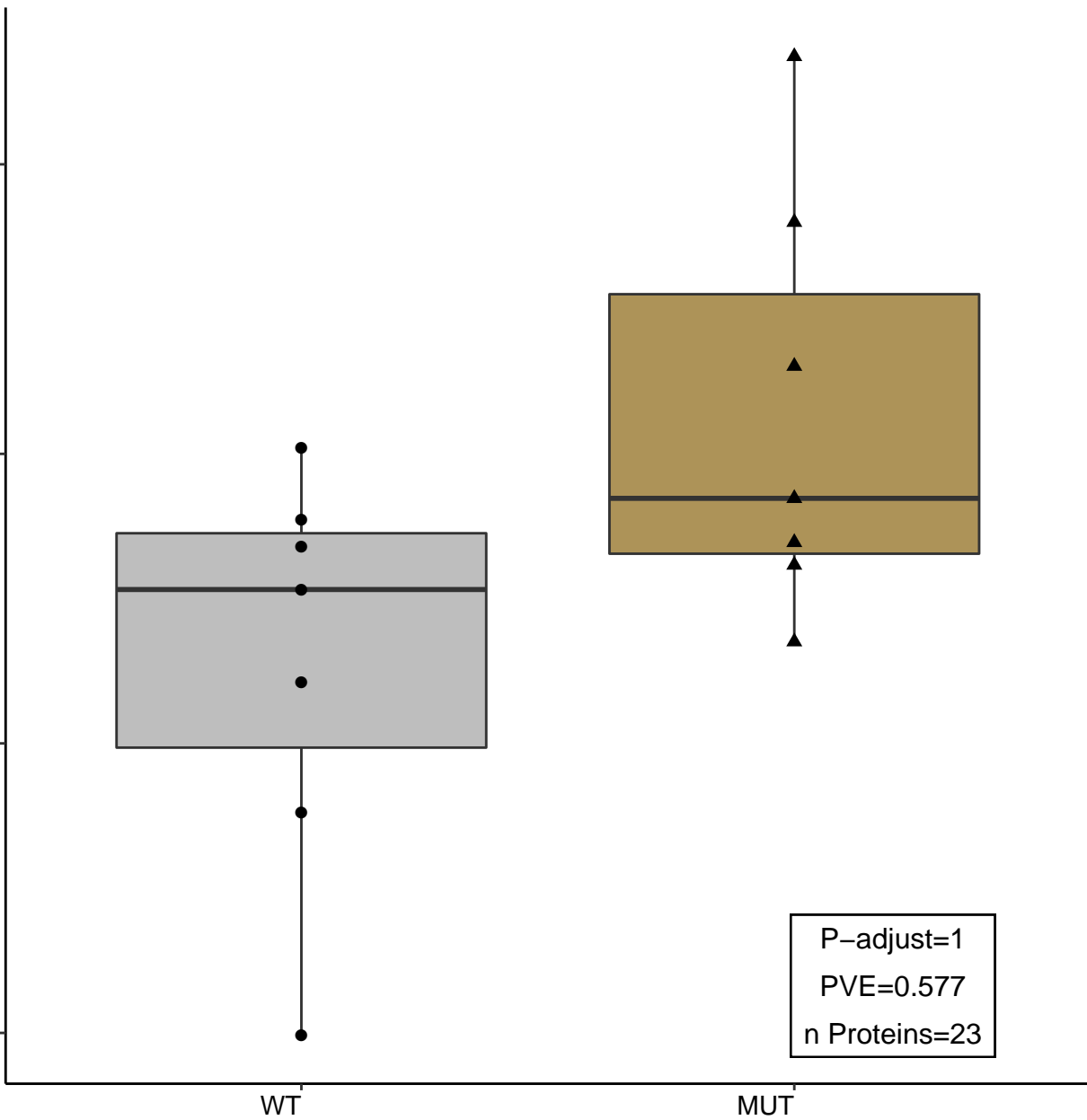
Genotype

MUT

P-adjust=1

PVE=0.577

n Proteins=23



M93

Log2(Adjusted Module Intensity)

13.66

13.64

13.62

13.60

WT

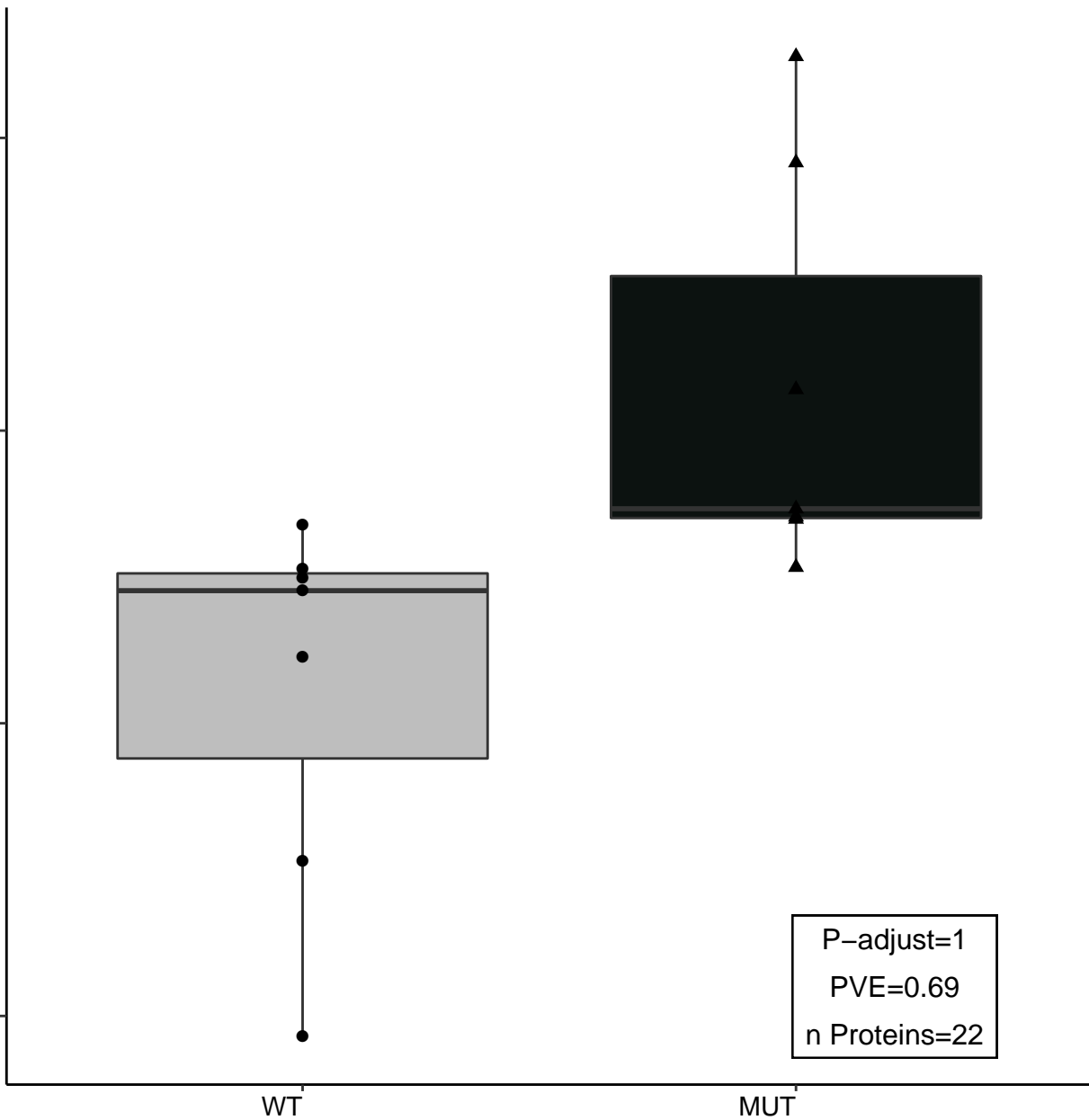
Genotype

MUT

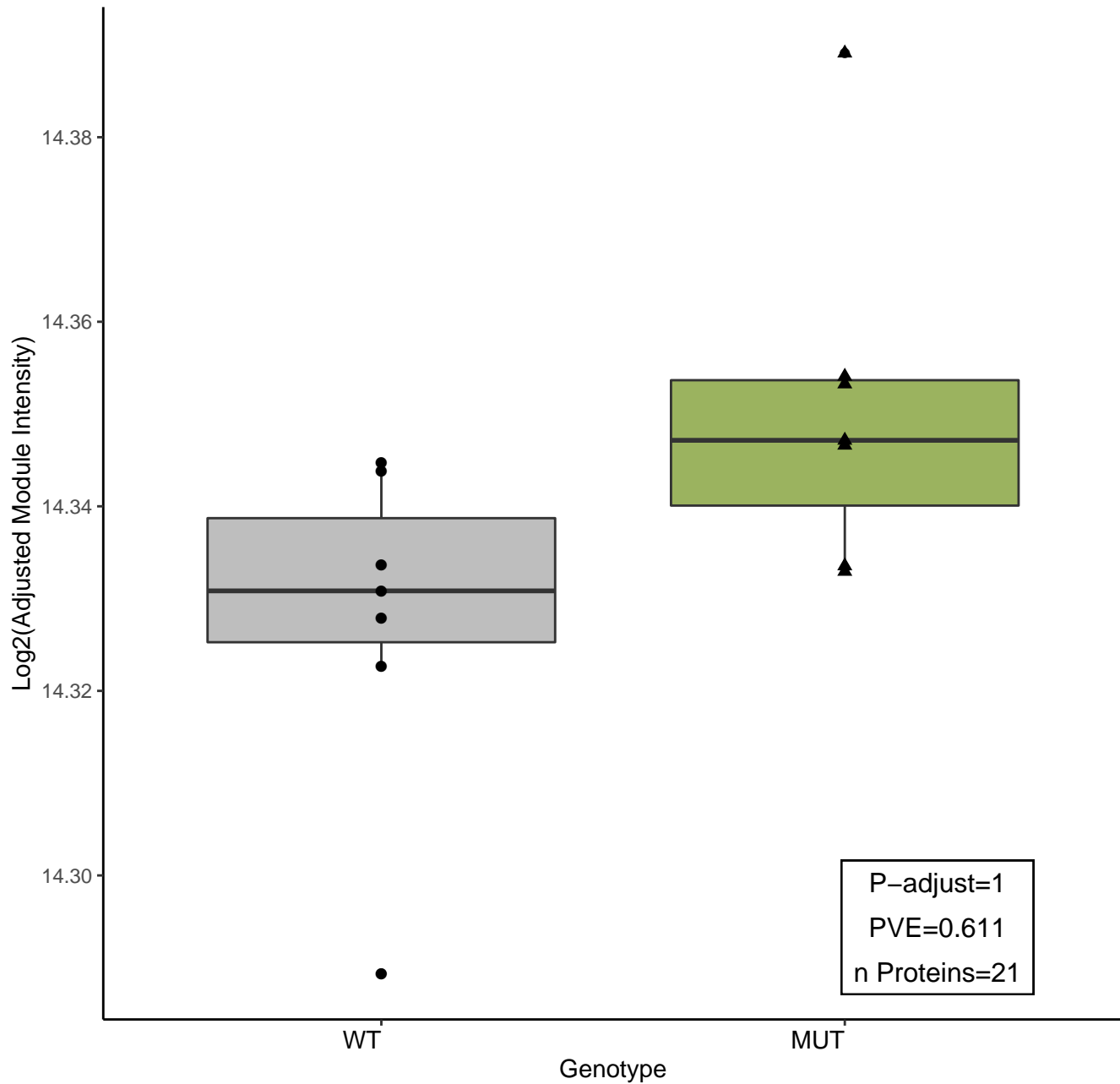
P-adjust=1

PVE=0.69

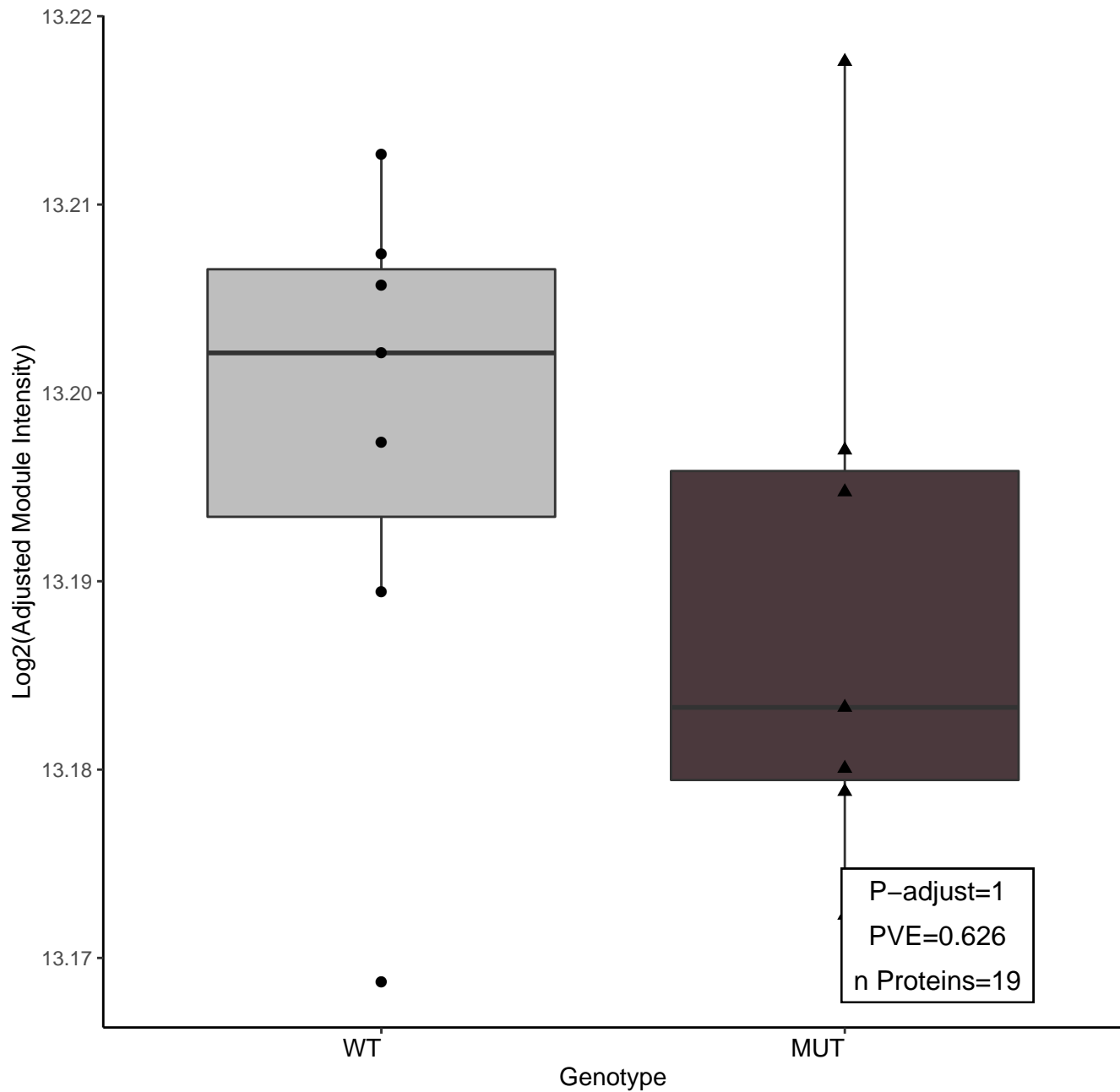
n Proteins=22



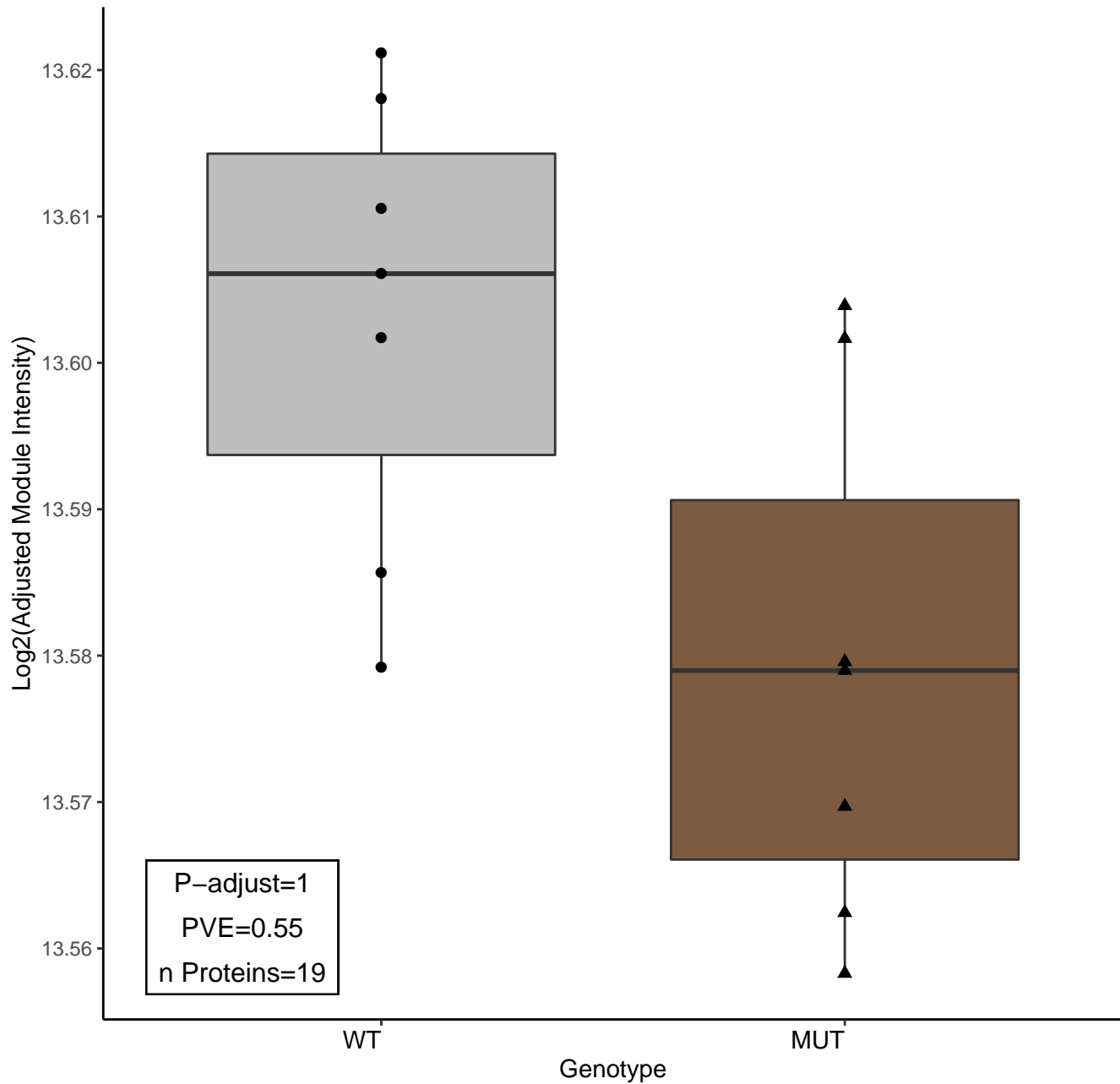
M94



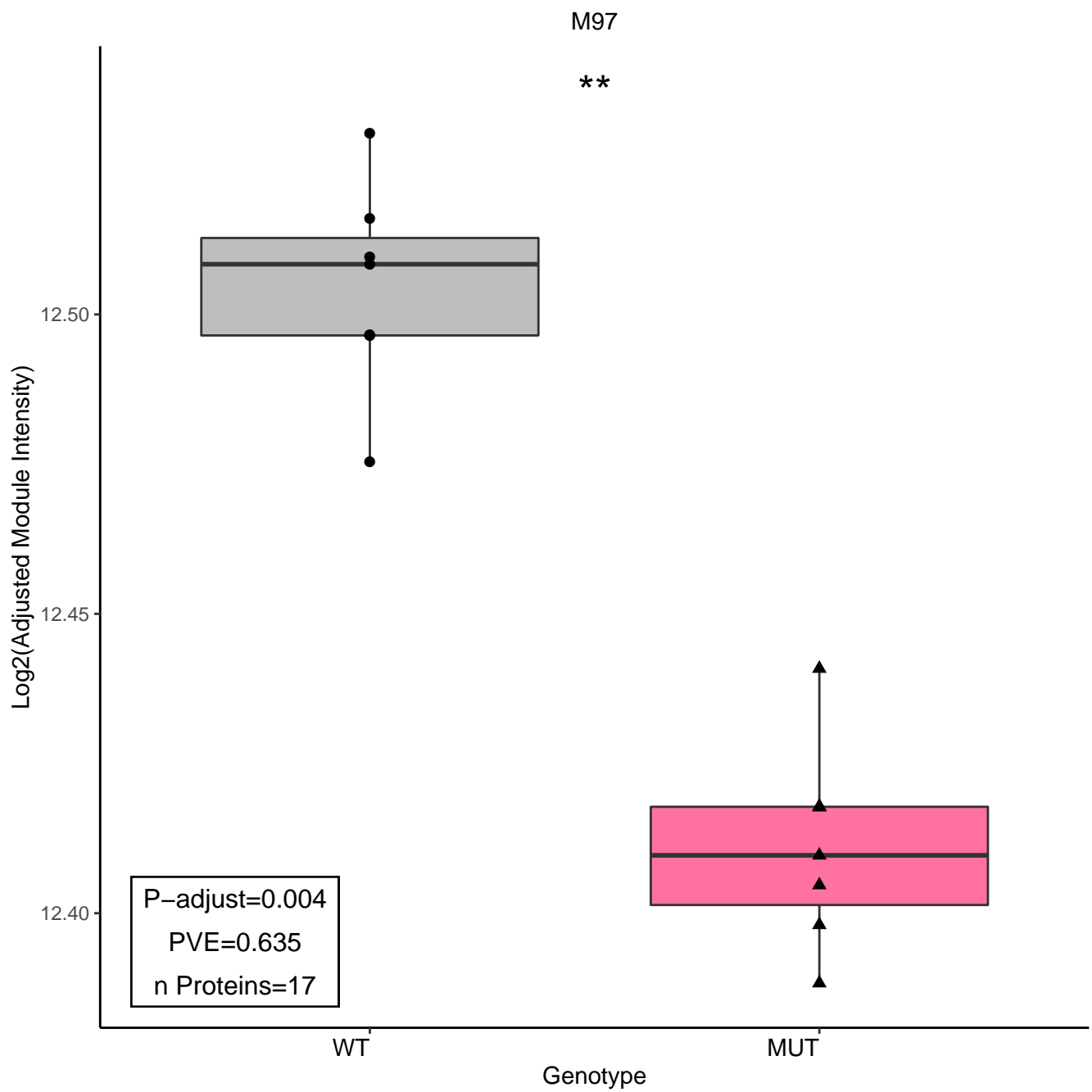
M95



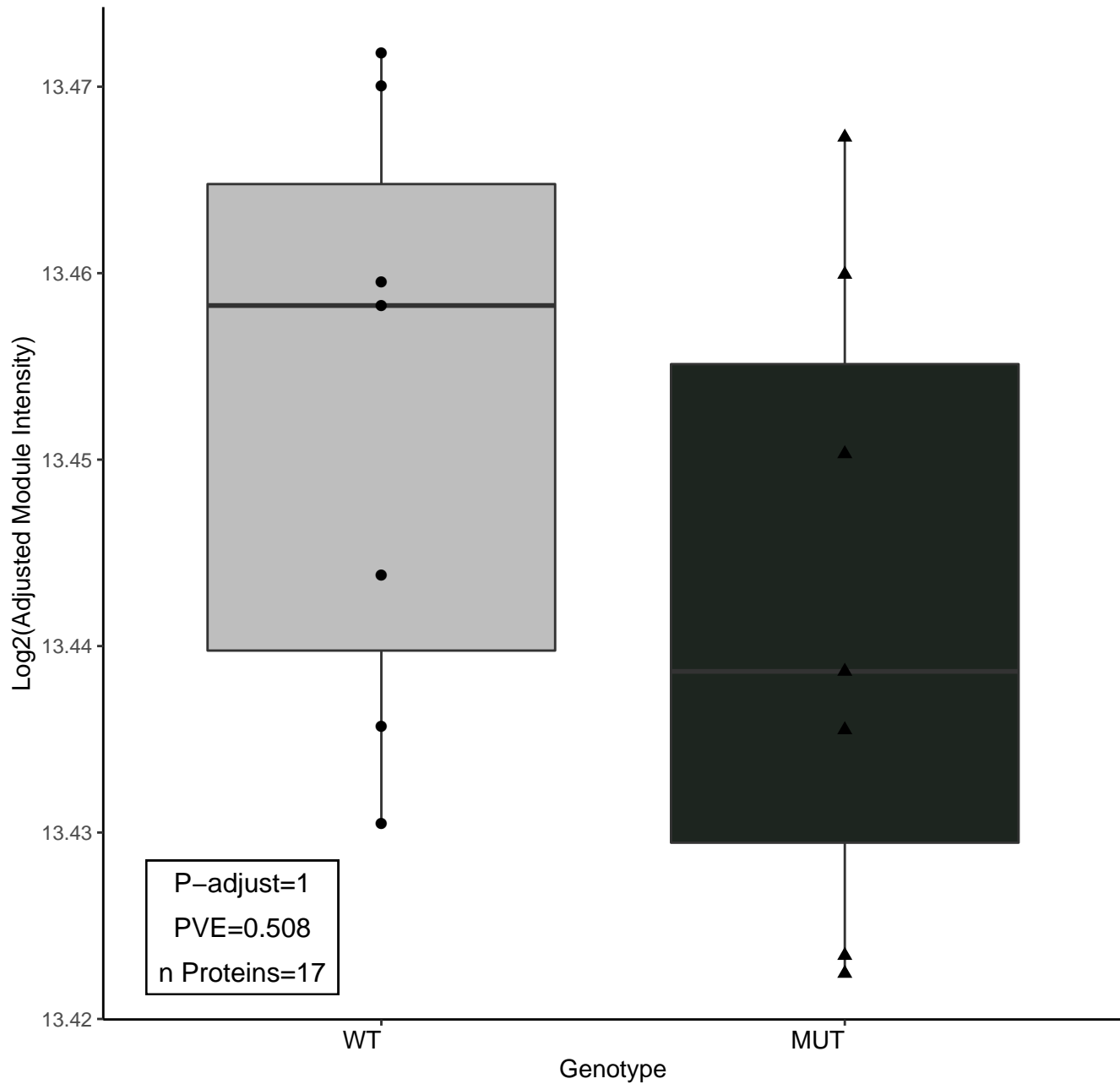
M96



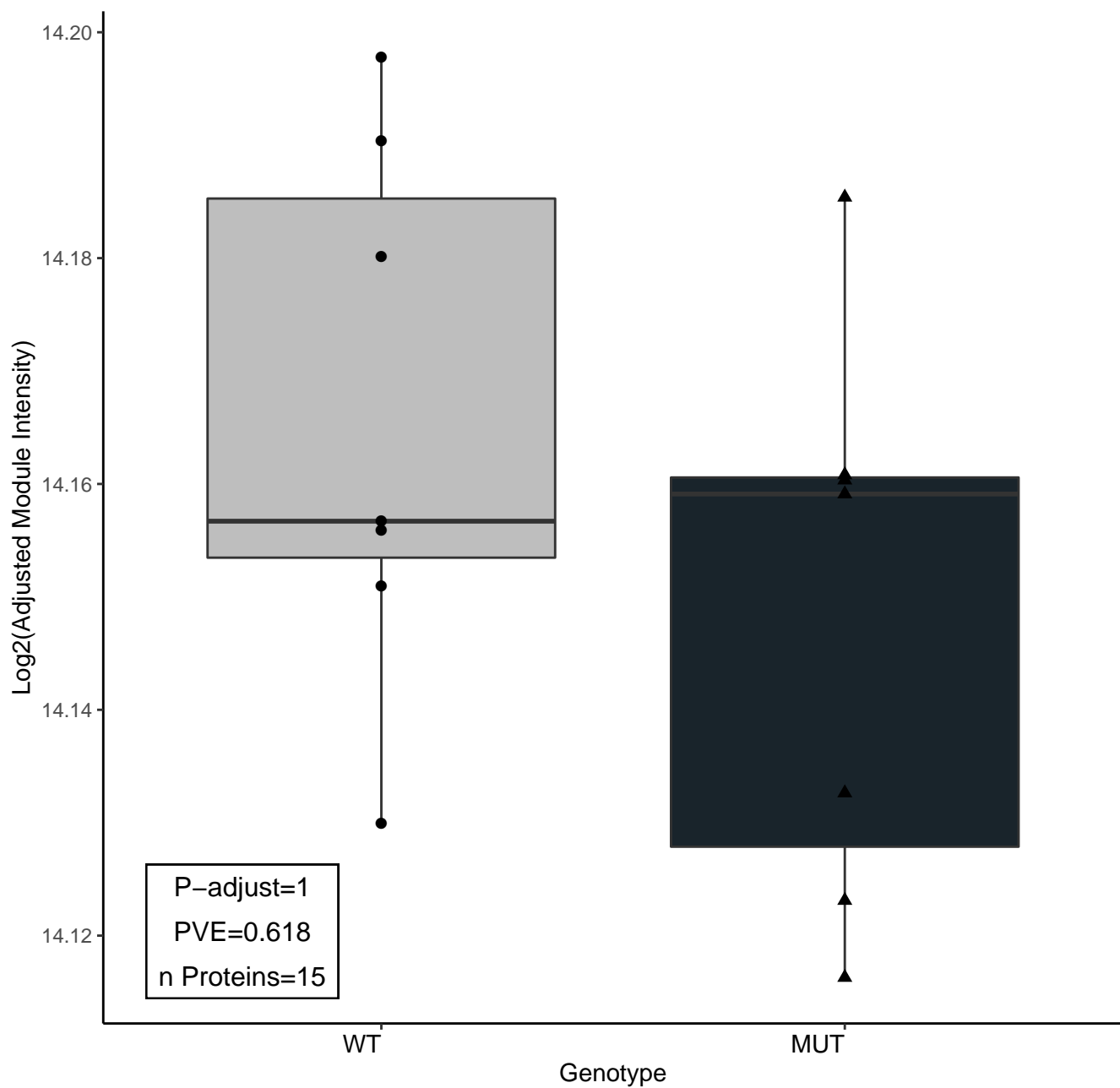




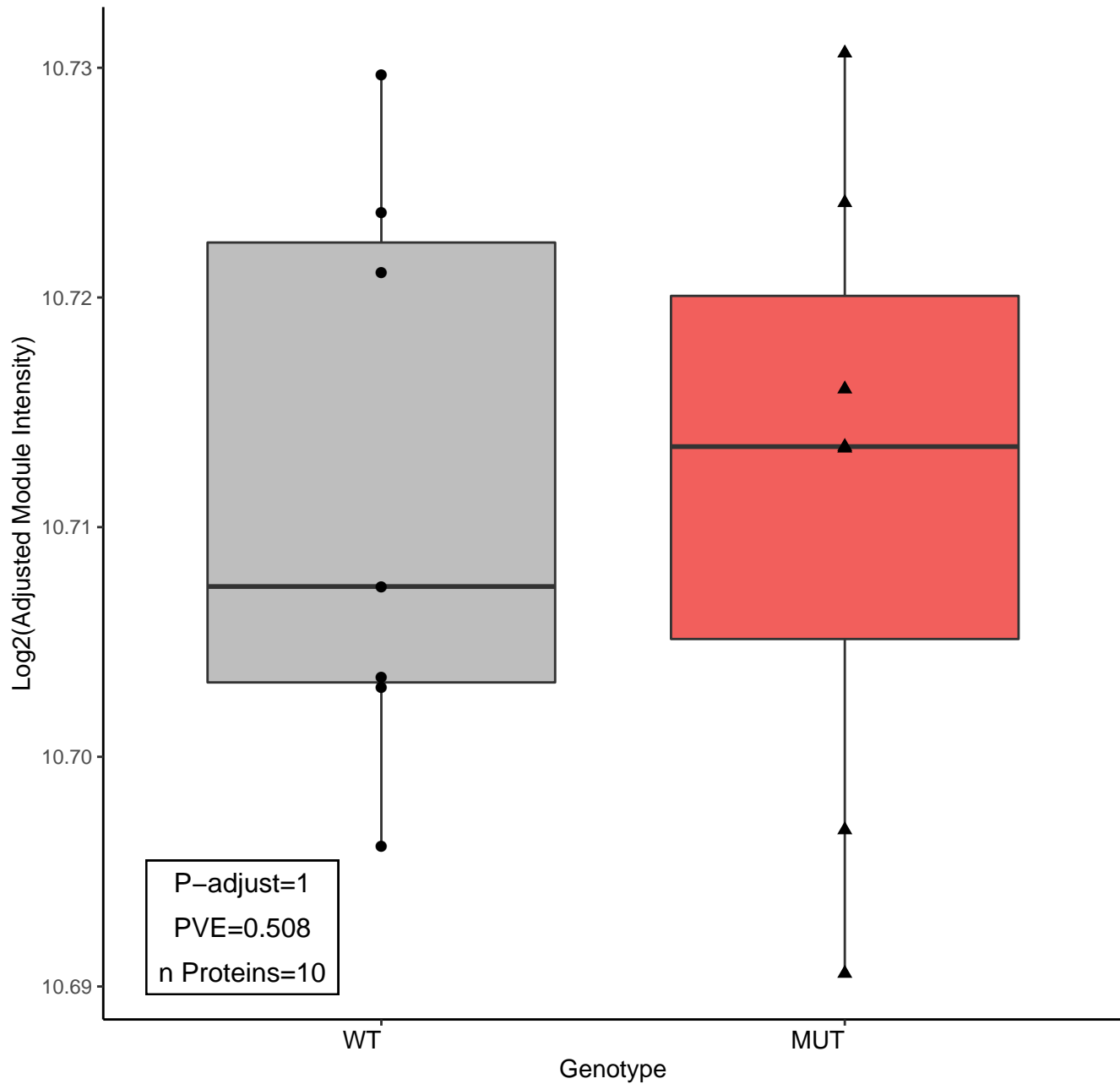
M98



M99



M100



M101

Log2(Adjusted Module Intensity)

13.68

13.67

13.66

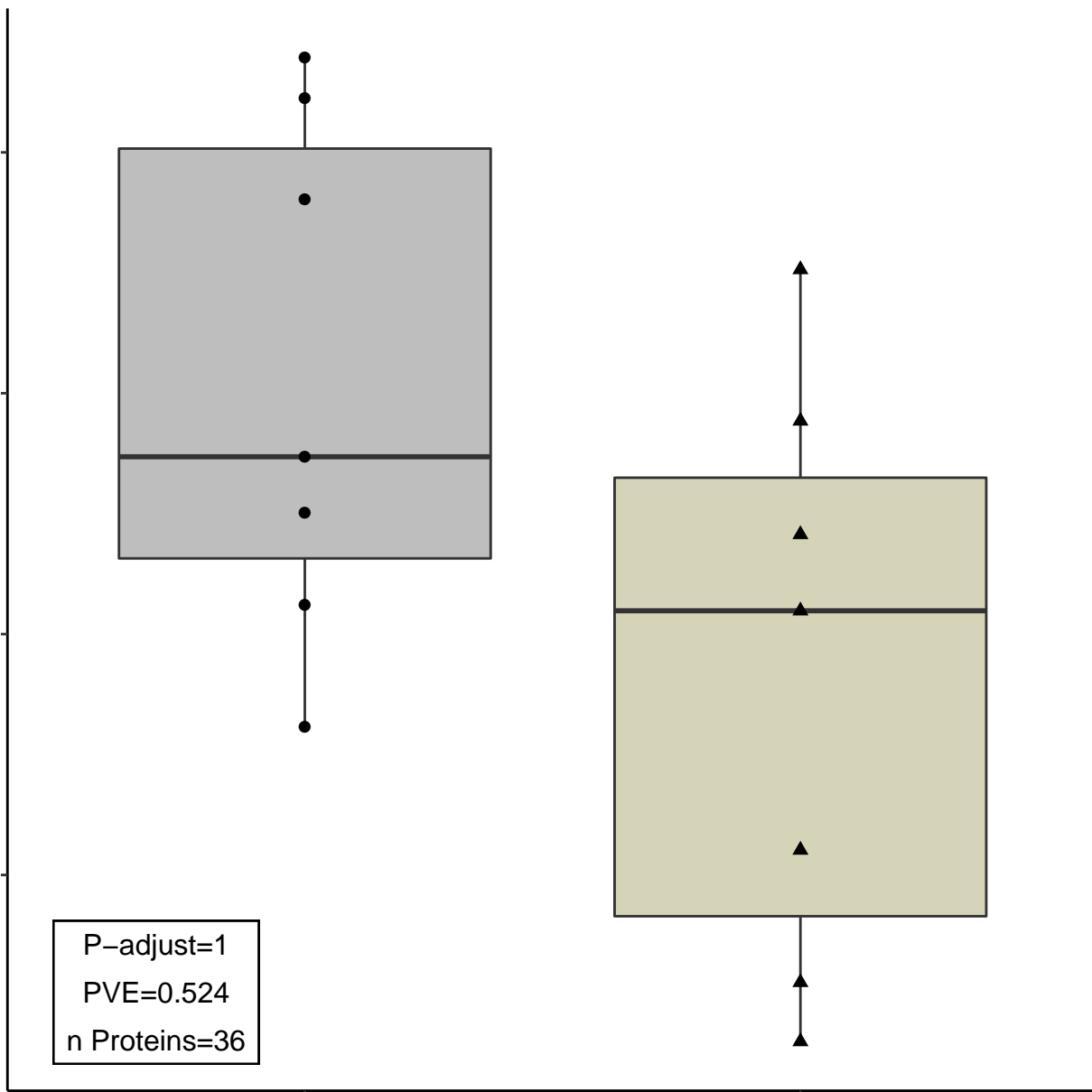
13.65

P-adjust=1  
PVE=0.524  
n Proteins=36

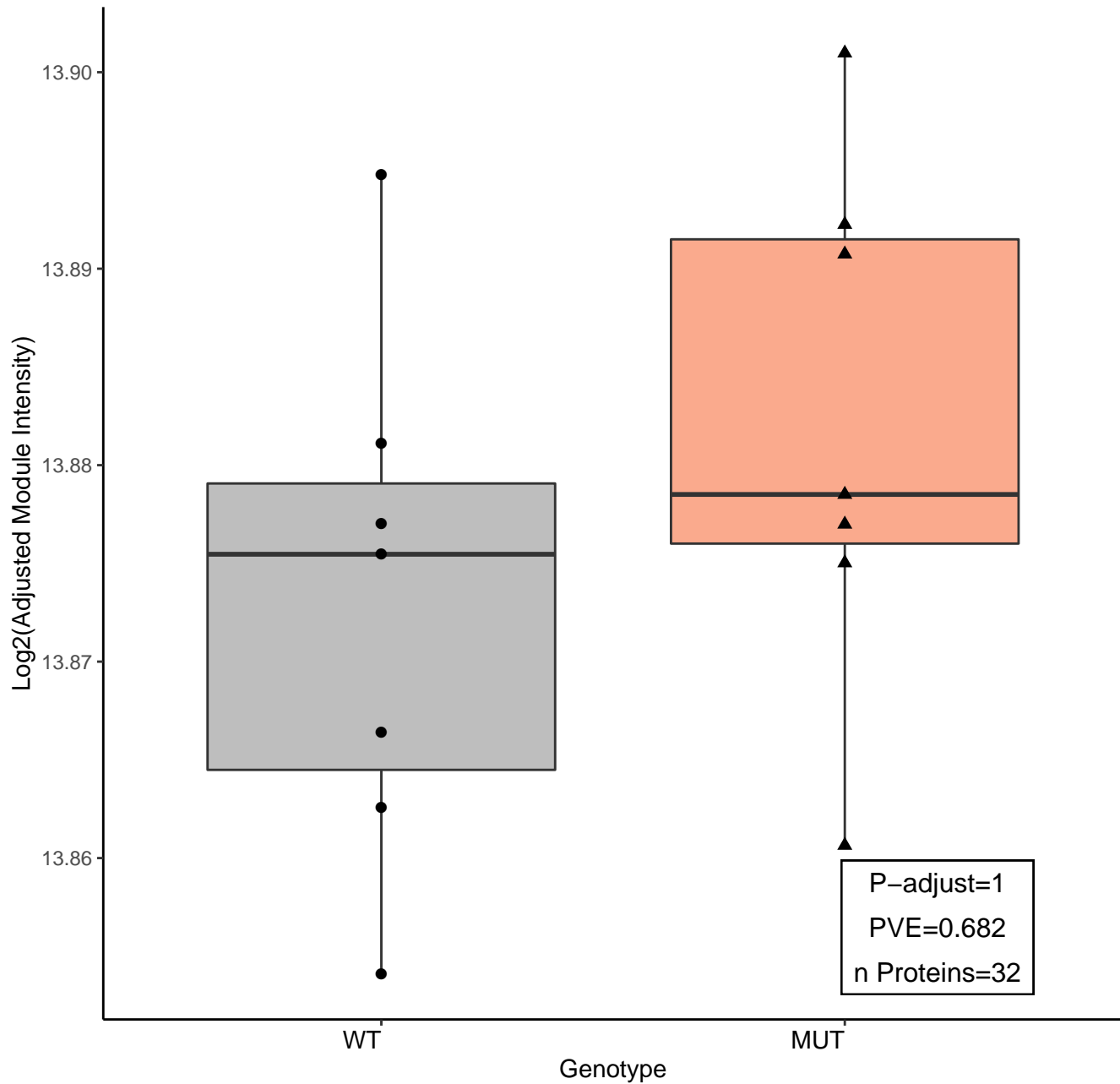
WT

Genotype

MUT

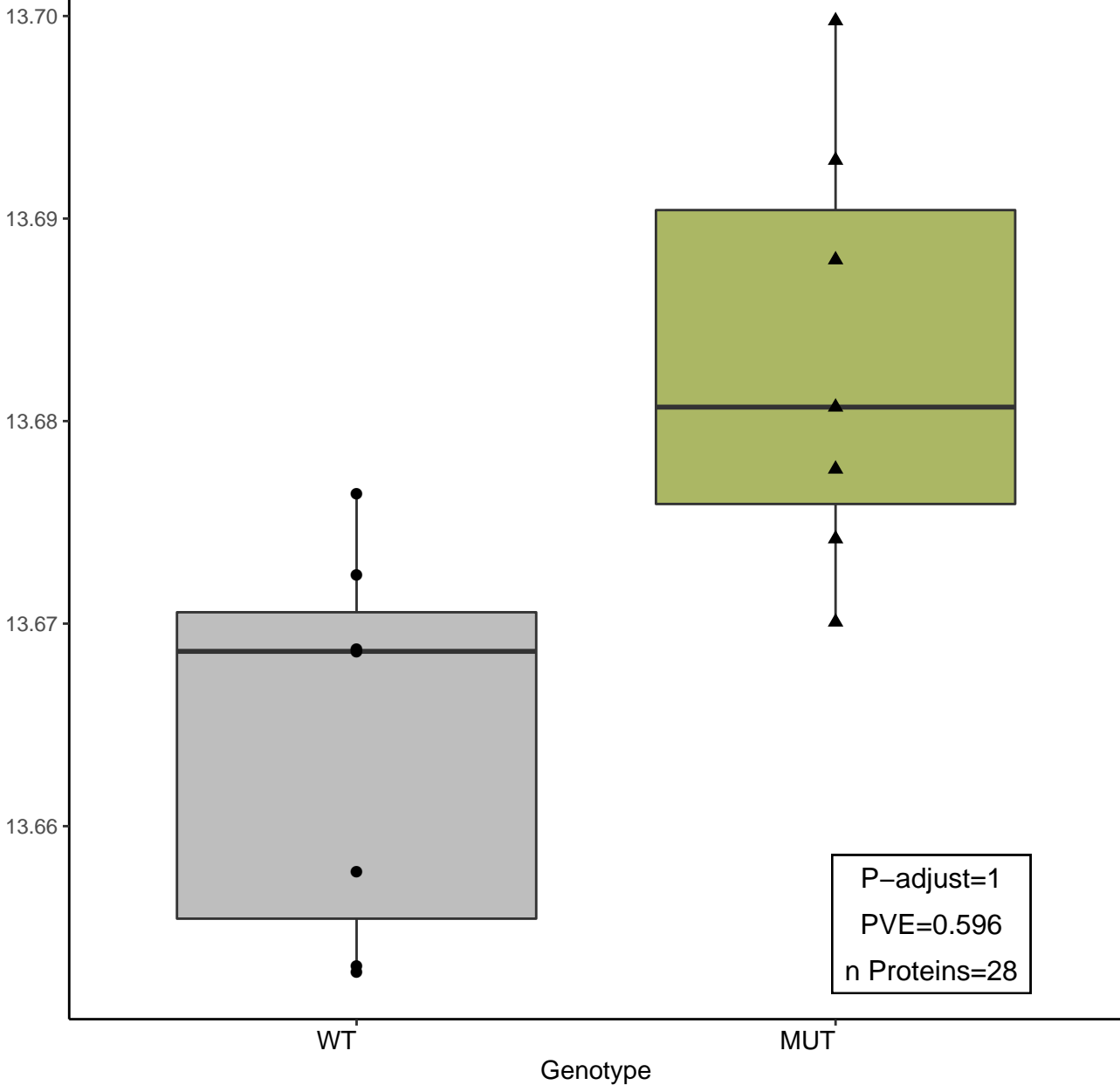


M102



M103

Log2(Adjusted Module Intensity)



M104

Log2(Adjusted Module Intensity)

13.07

13.06

13.05

13.04

13.03

13.02

WT

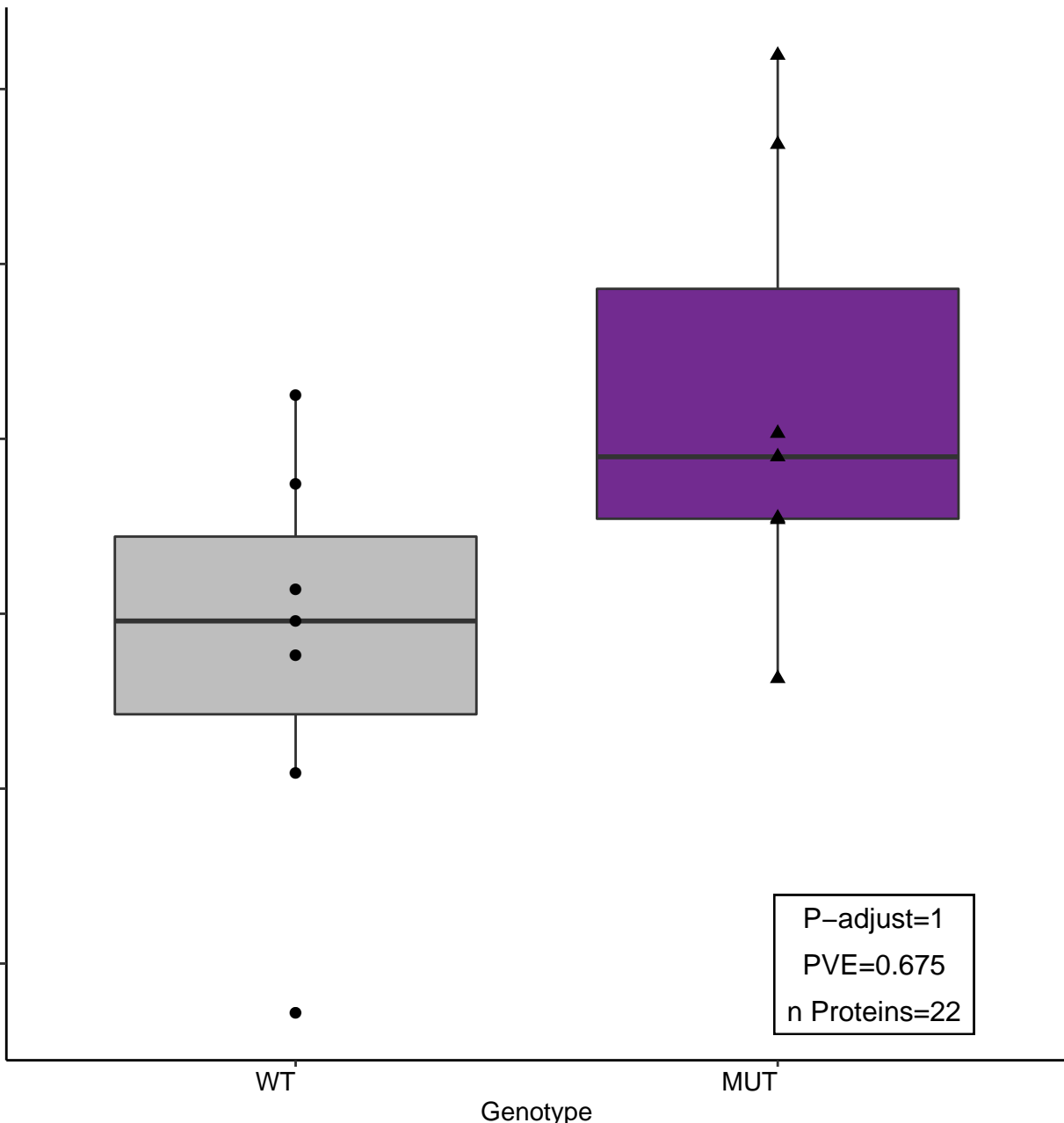
MUT

Genotype

P-adjust=1

PVE=0.675

n Proteins=22





M105

Log2(Adjusted Module Intensity)

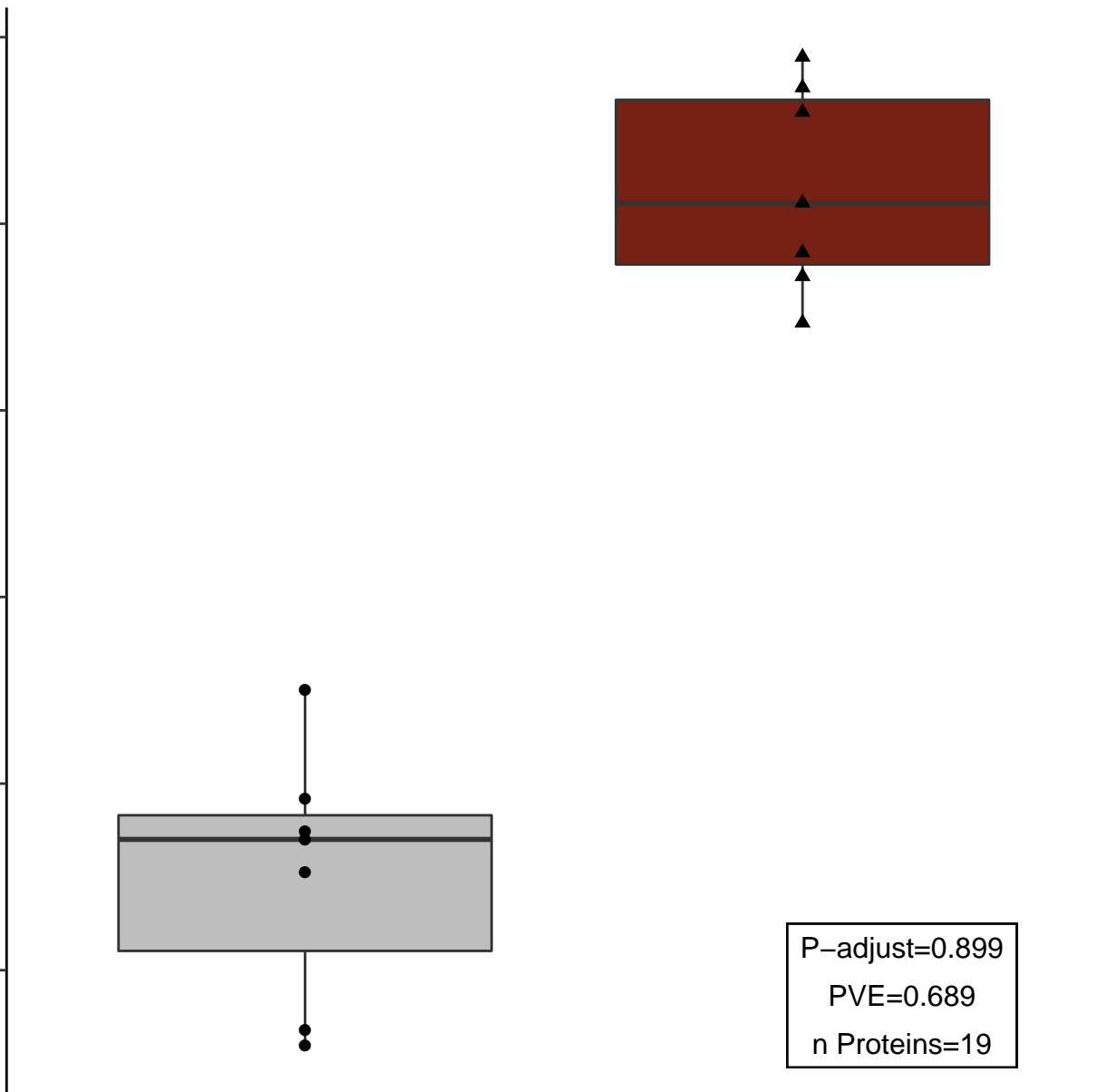
14.17  
14.16  
14.15  
14.14  
14.13  
14.12

WT

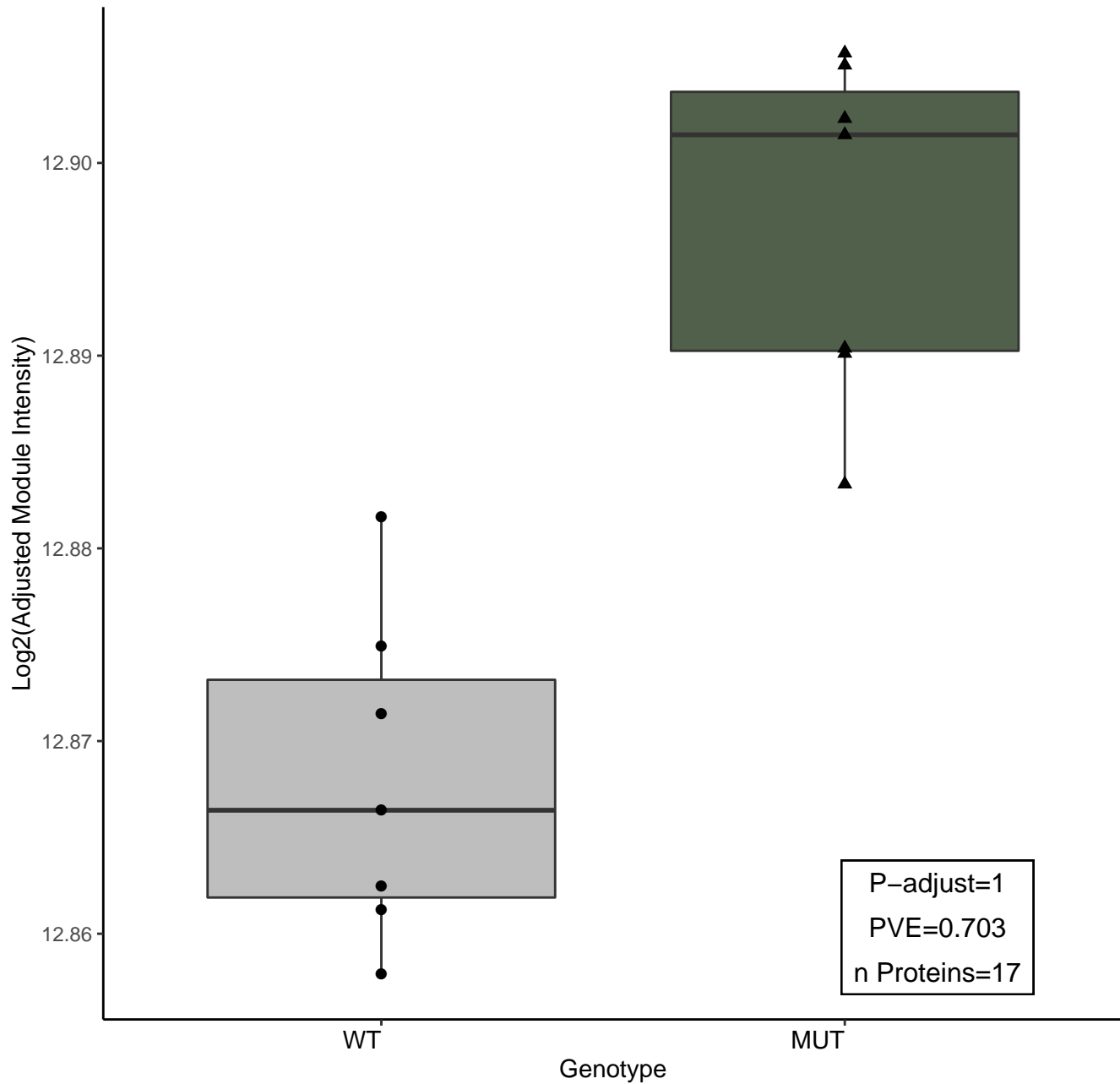
MUT

Genotype

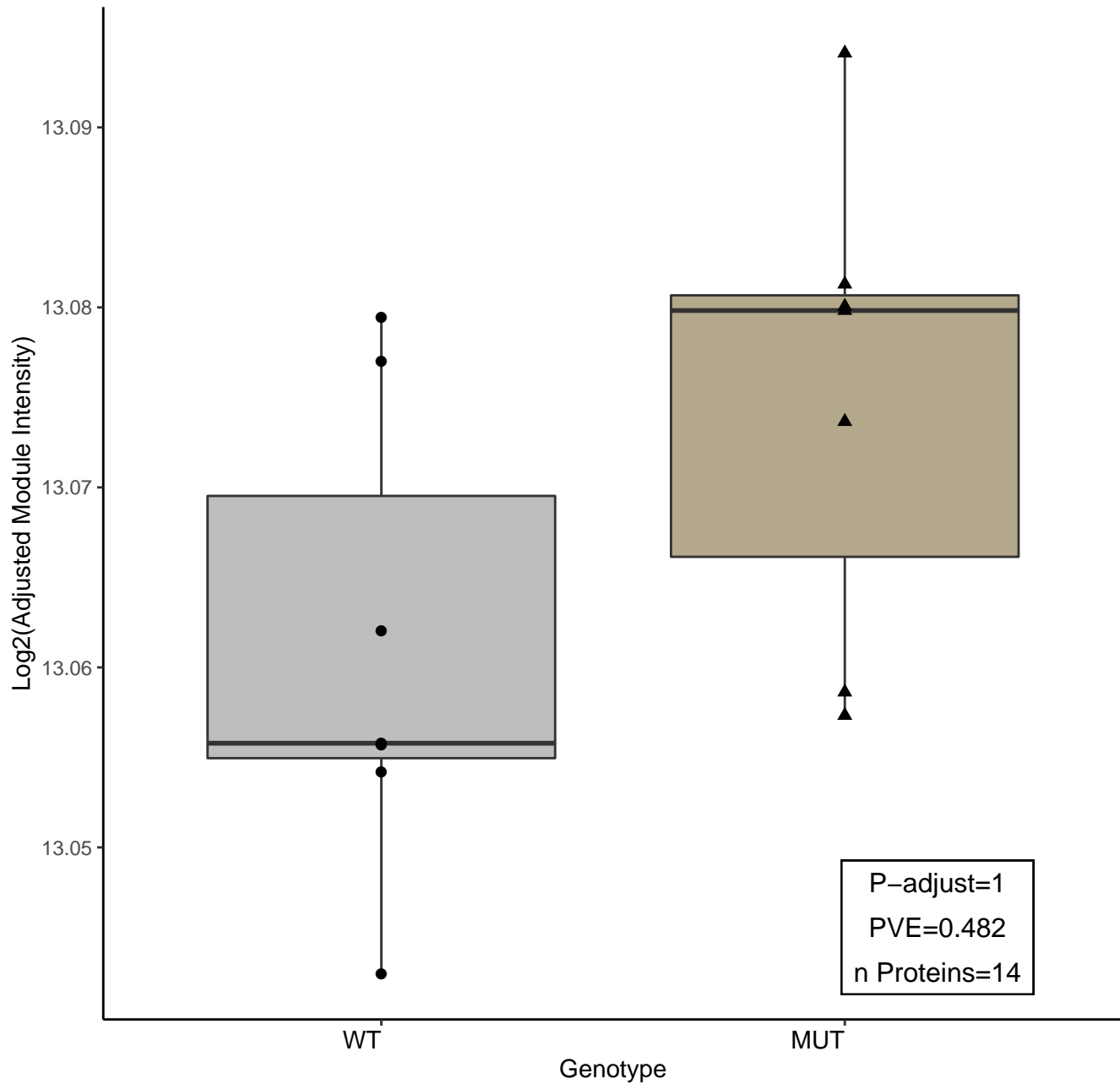
P-adjust=0.899  
PVE=0.689  
n Proteins=19



M106



M107



M108

Log2(Adjusted Module Intensity)

10.20

10.18

10.16

10.14

WT

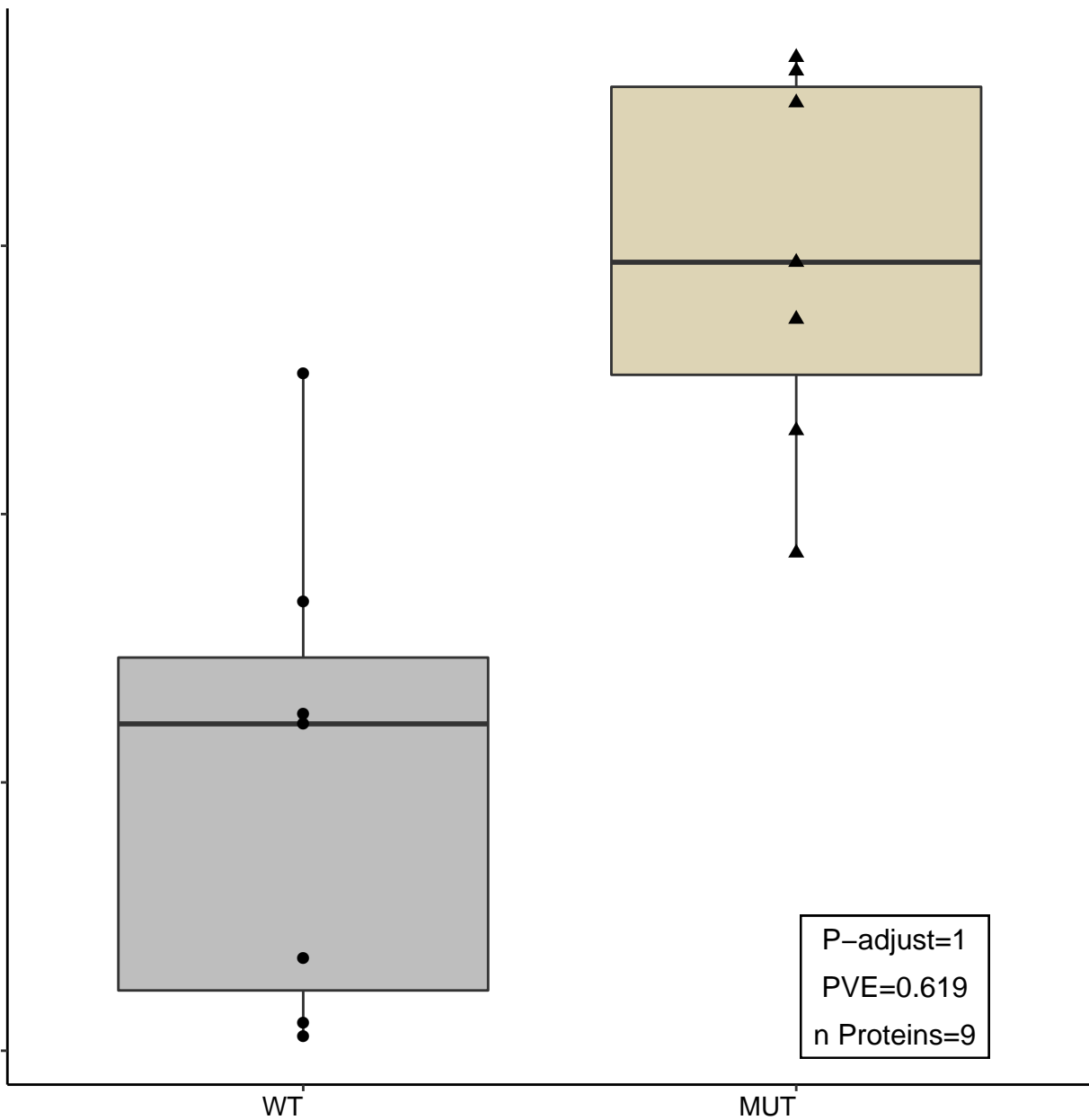
Genotype

MUT

P-adjust=1

PVE=0.619

n Proteins=9



M109

Log2(Adjusted Module Intensity)

8.50

8.48

8.46

8.44

WT

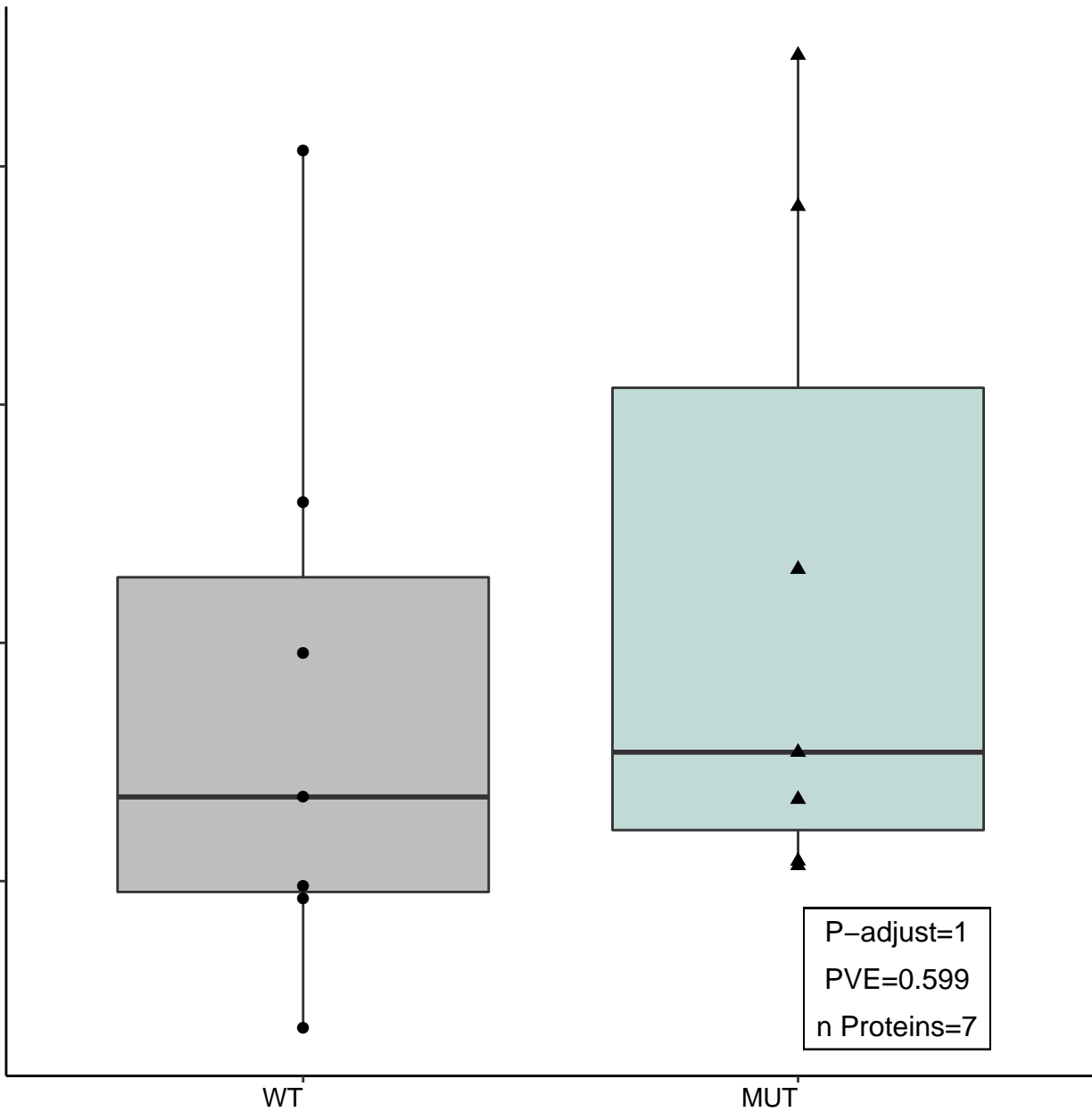
Genotype

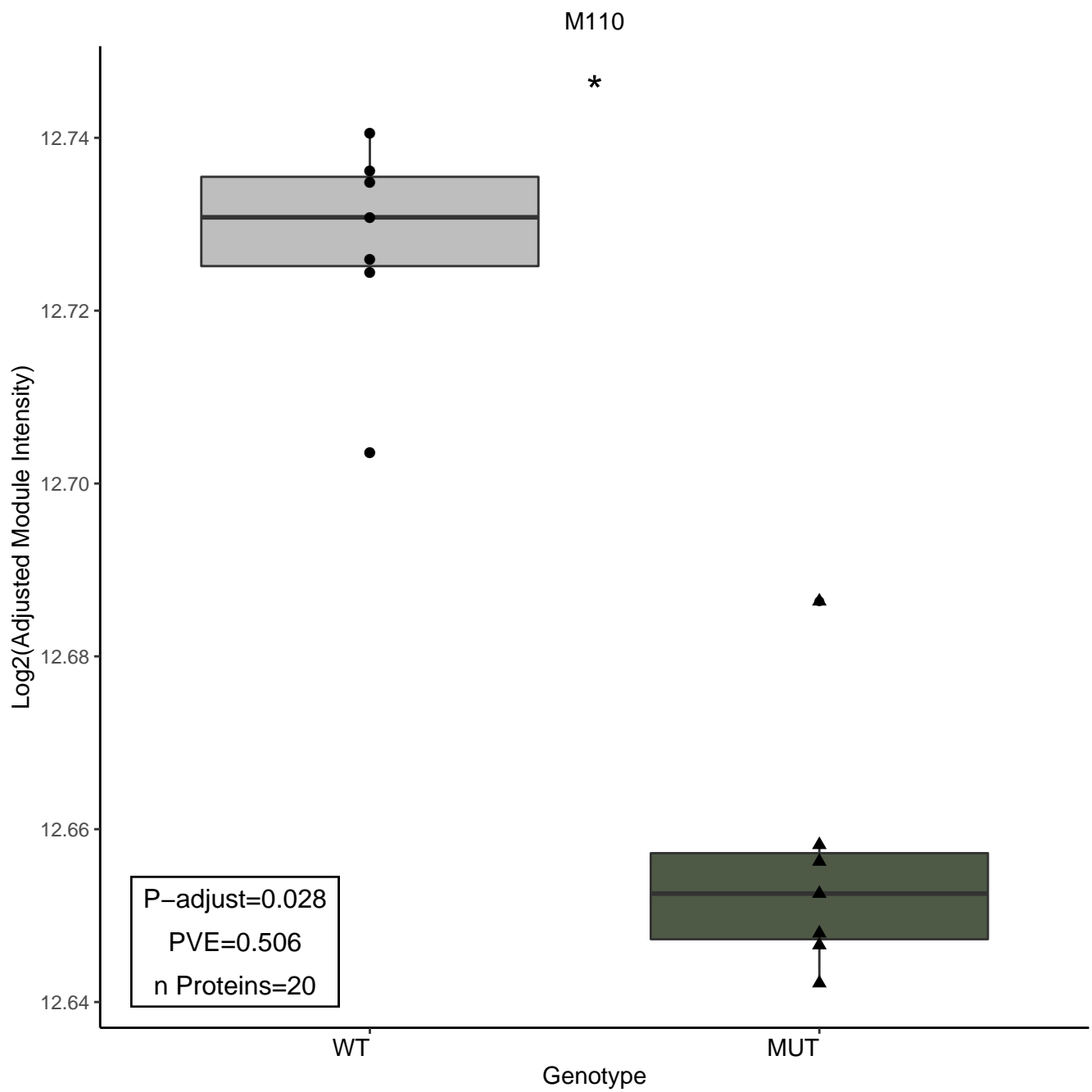
MUT

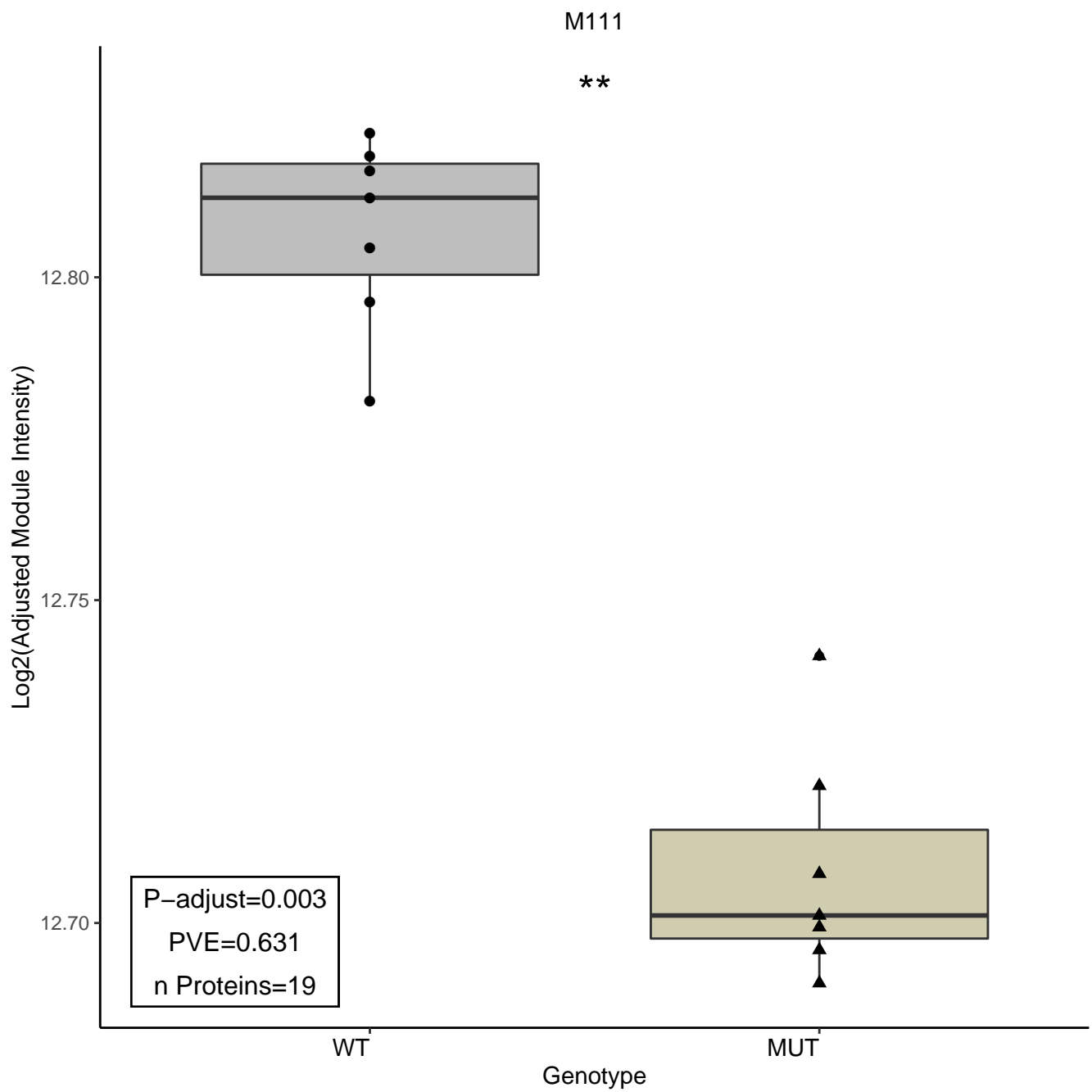
P-adjust=1

PVE=0.599

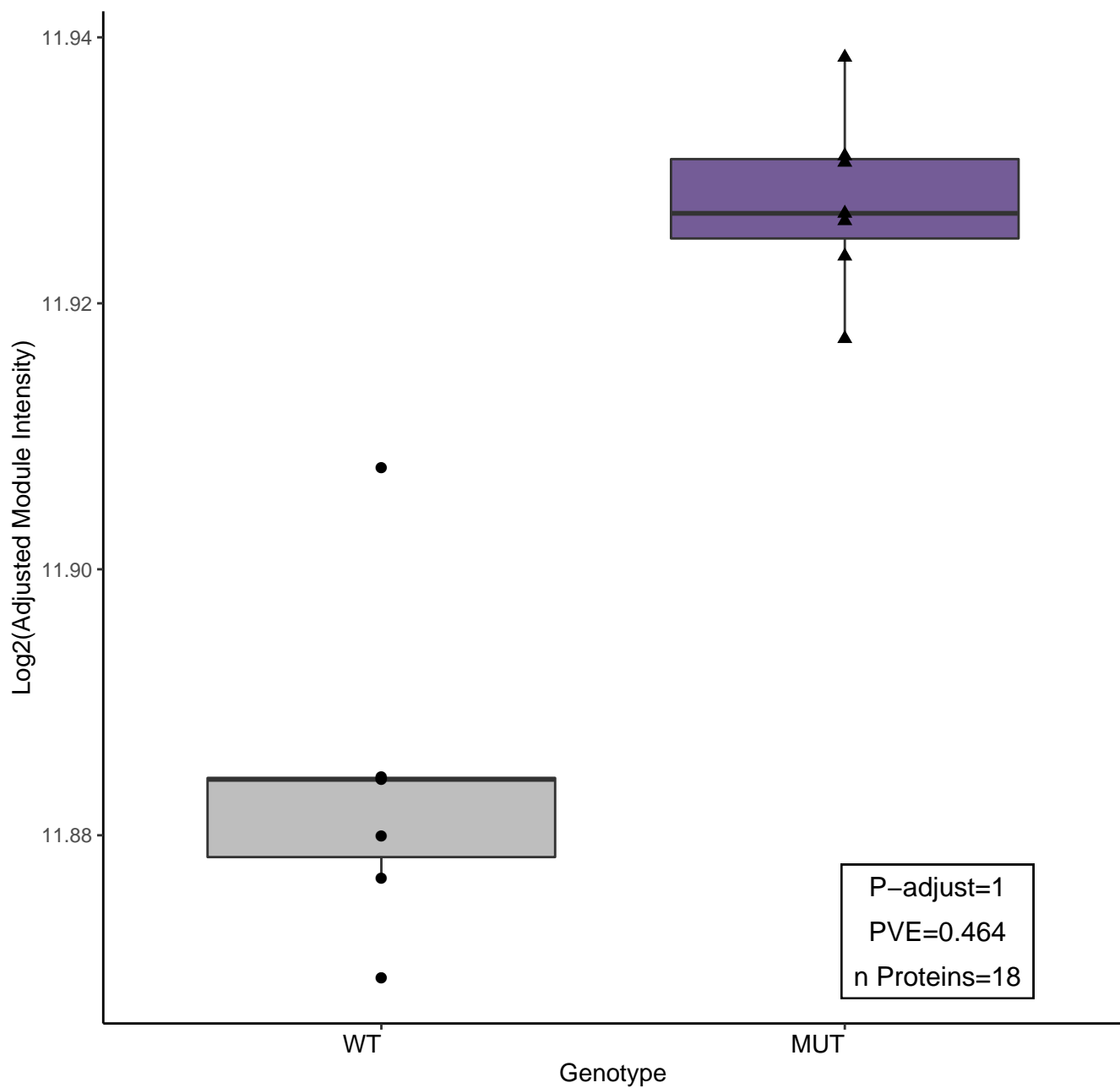
n Proteins=7







M112





M113

Log2(Adjusted Module Intensity)

13.25

13.20

13.15

P-adjust=0.198

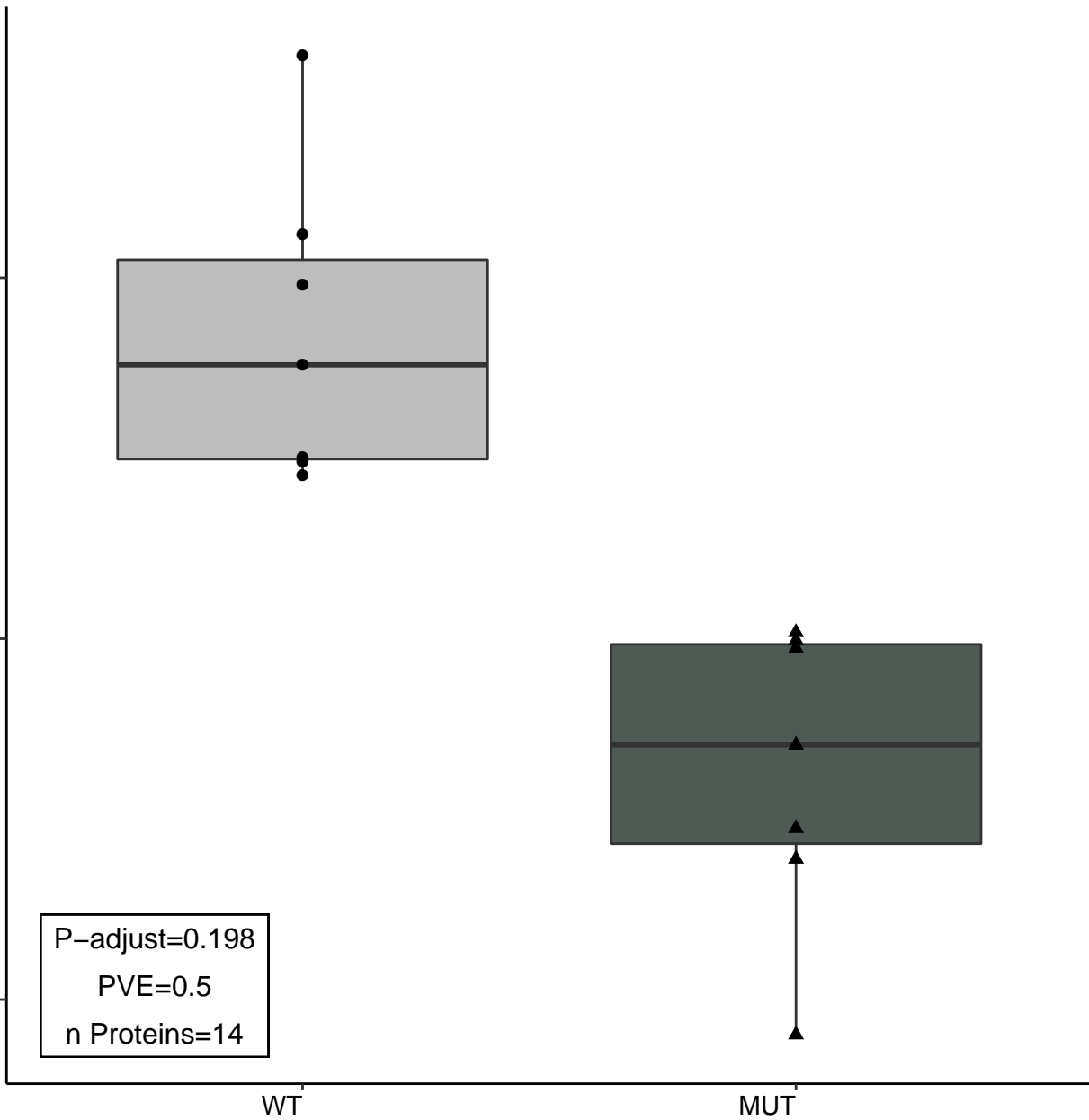
PVE=0.5

n Proteins=14

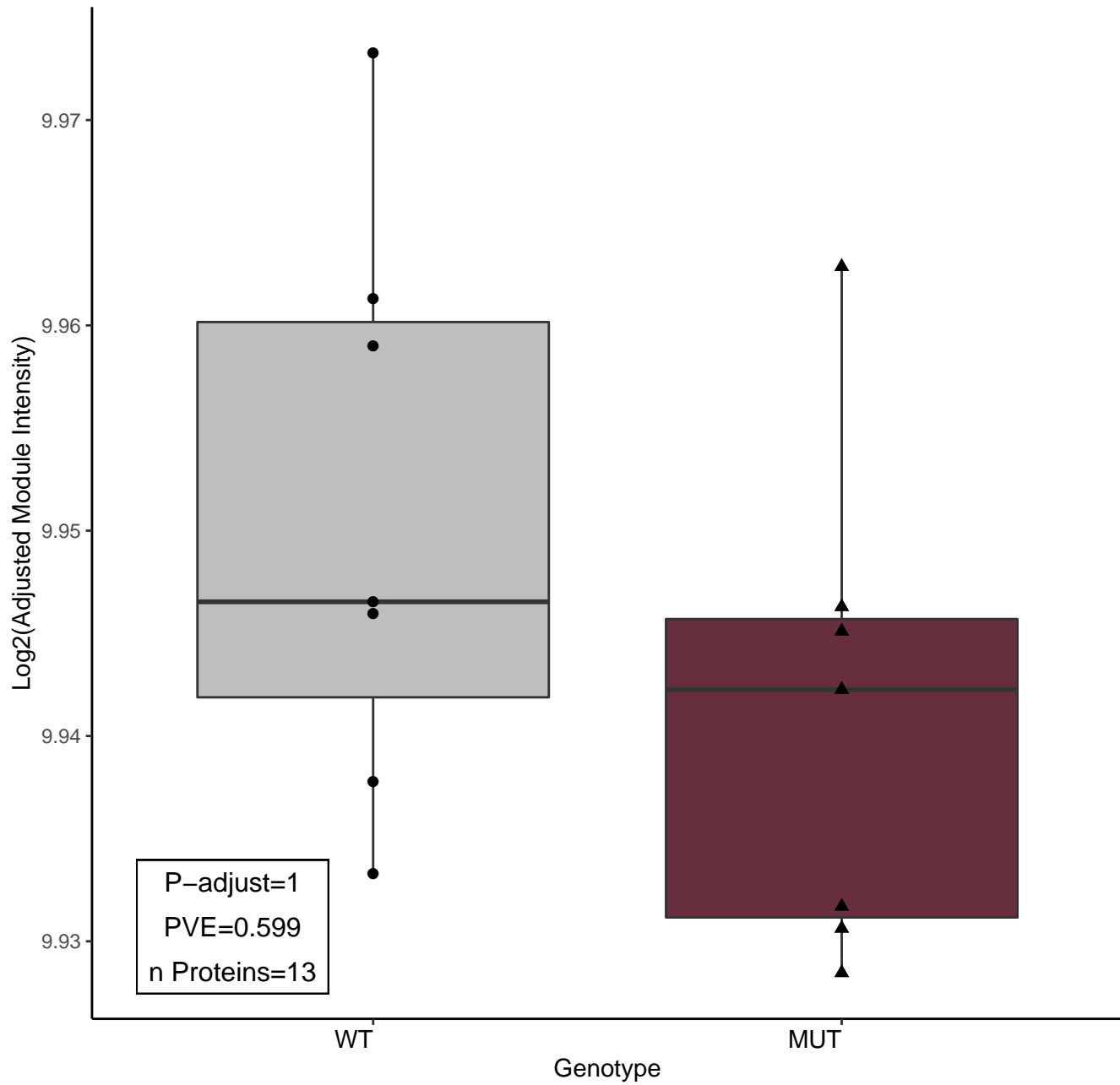
WT

Genotype

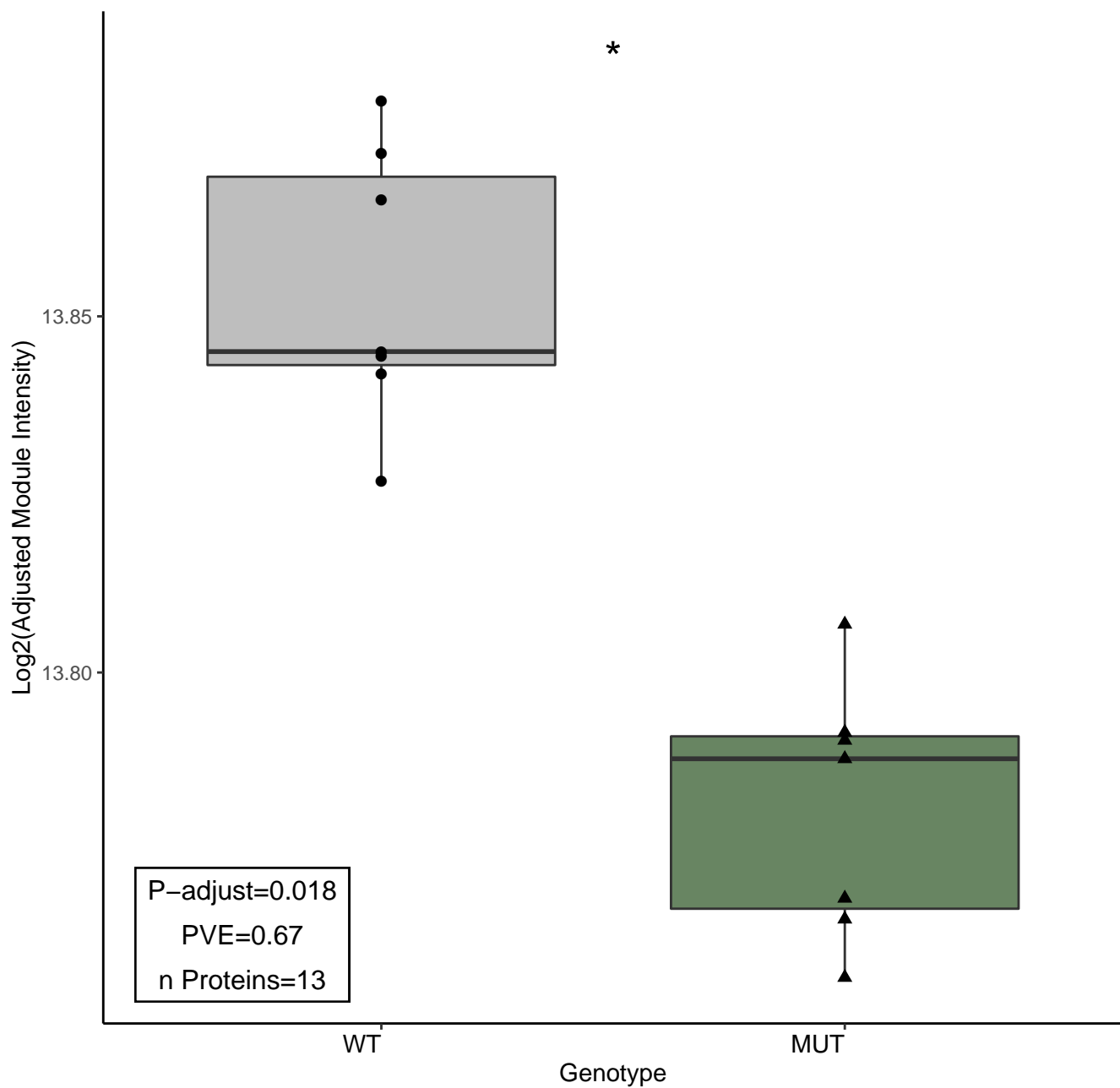
MUT



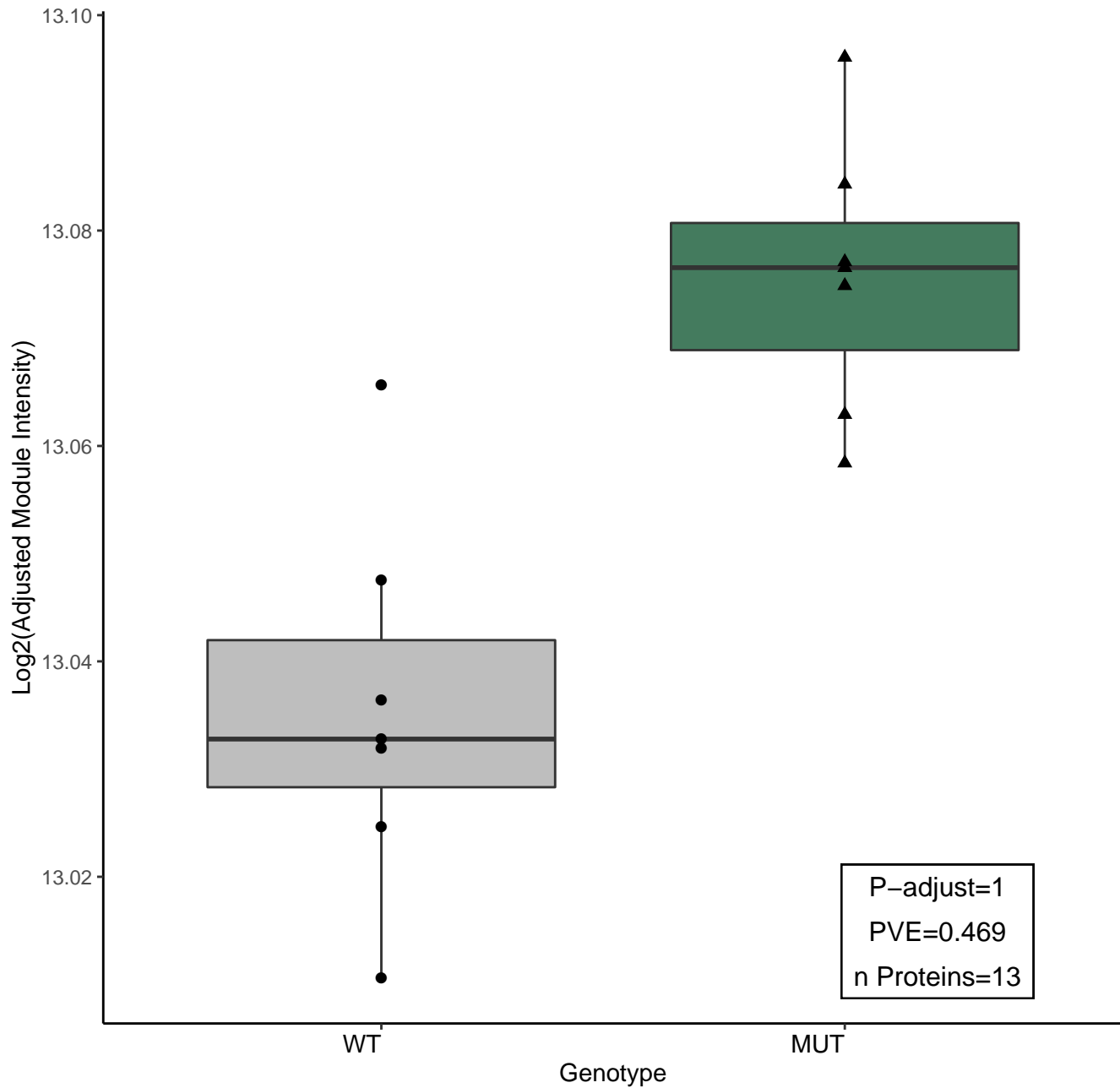
M114



M115



M116



M117

Log2(Adjusted Module Intensity)

11.92

11.90

11.88

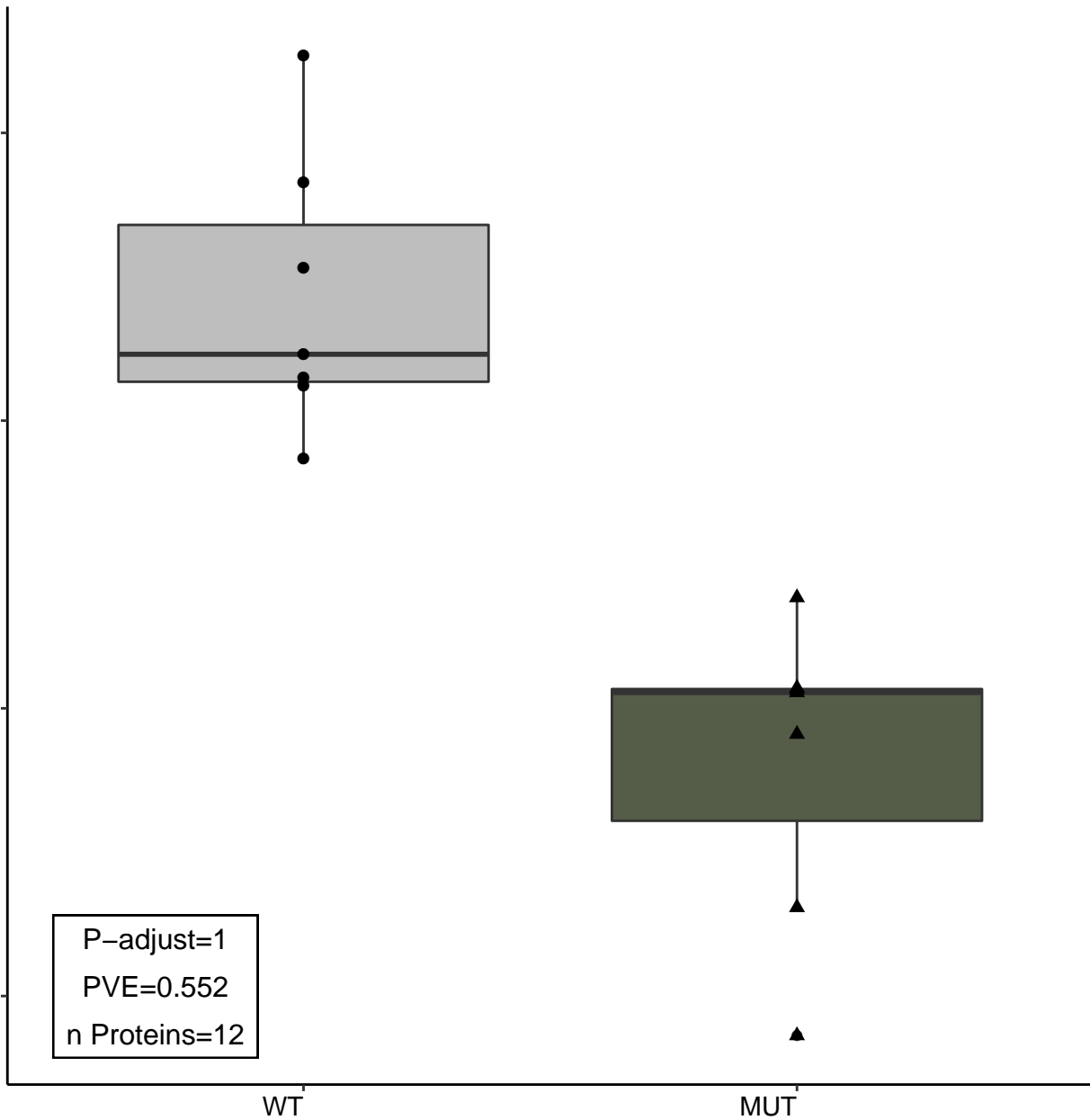
11.86

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

WT

Genotype

MUT



M118

Log2(Adjusted Module Intensity)

12.50

12.45

12.40

12.35

P-adjust=0.134

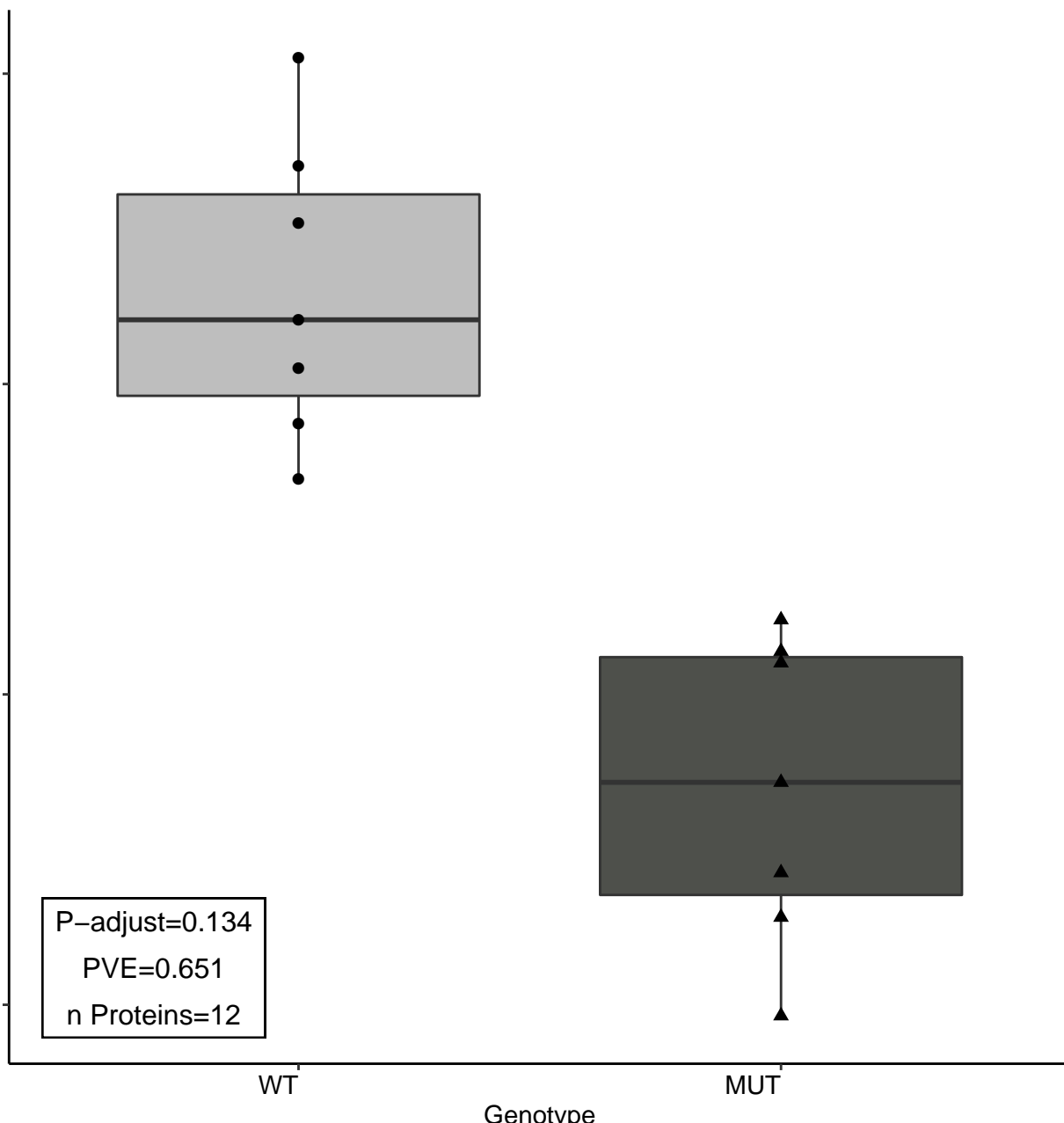
PVE=0.651

n Proteins=12

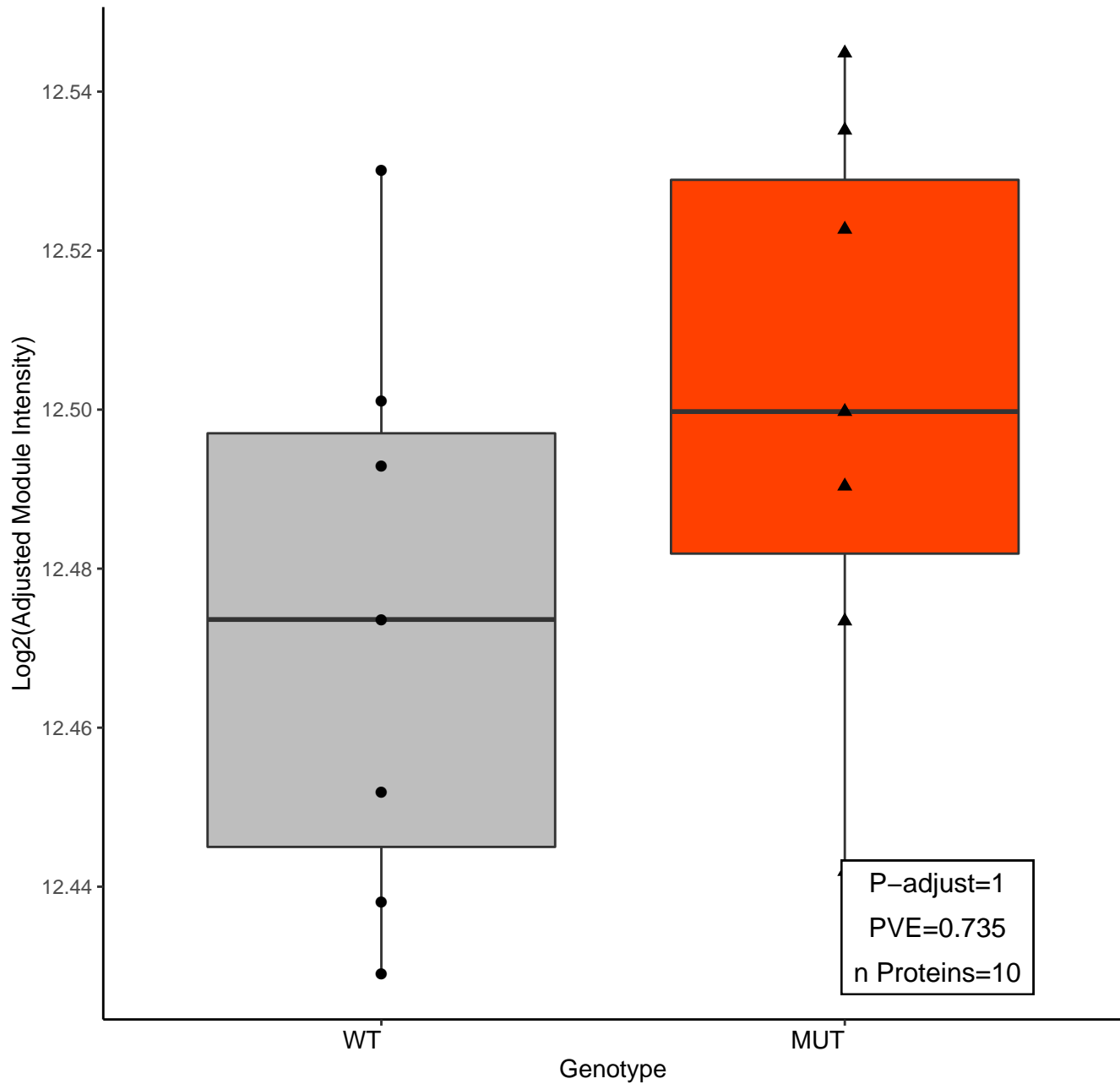
WT

Genotype

MUT



M119



M120

Log2(Adjusted Module Intensity)

11.08

11.06

11.04

WT

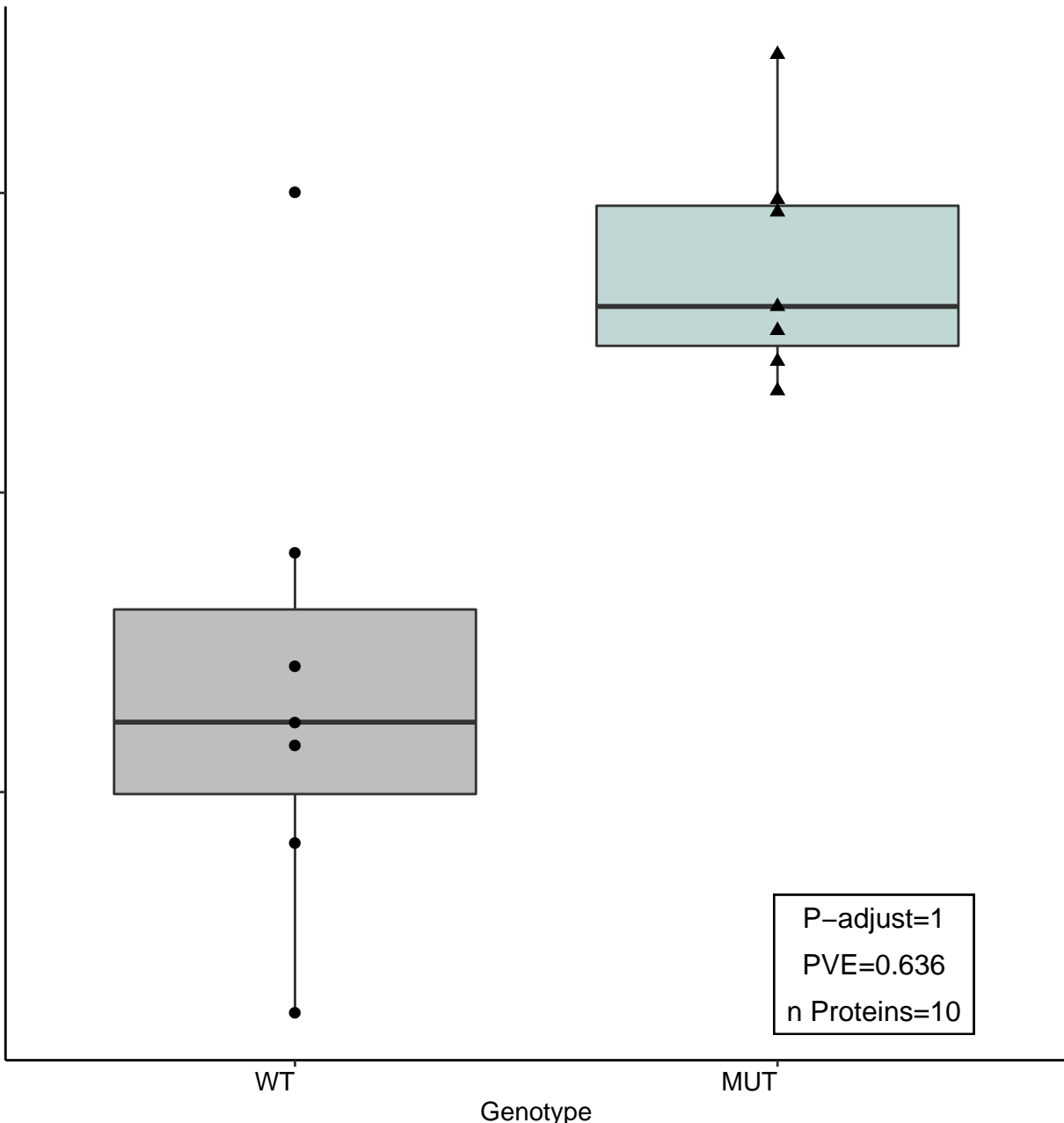
MUT

Genotype

P-adjust=1

PVE=0.636

n Proteins=10





M121

Log2(Adjusted Module Intensity)

10.44

10.42

10.40

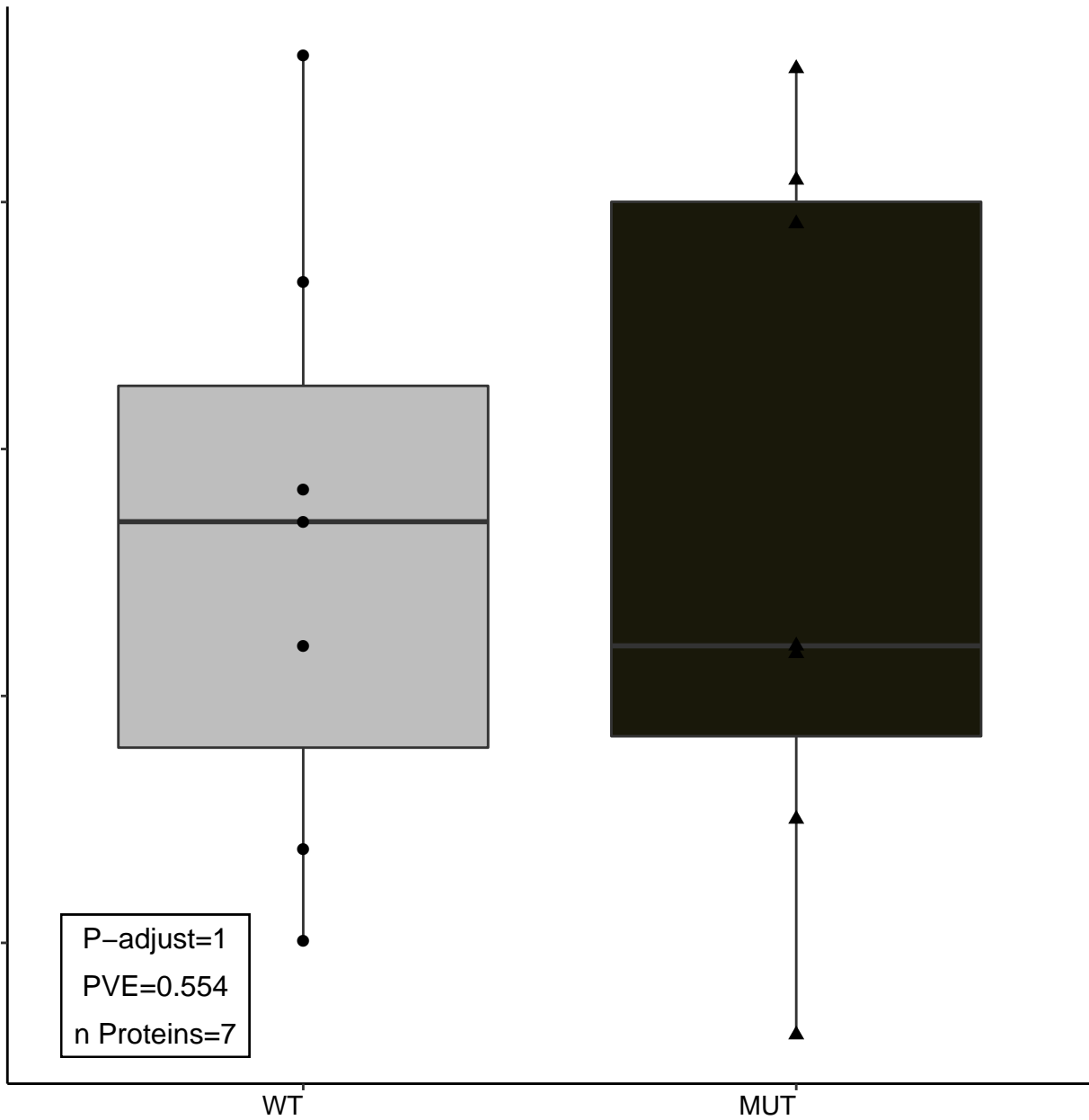
10.38

P-adjust=1  
PVE=0.554  
n Proteins=7

WT

Genotype

MUT



M122

Log2(Adjusted Module Intensity)

12.15

12.10

12.05

P-adjust=0.078

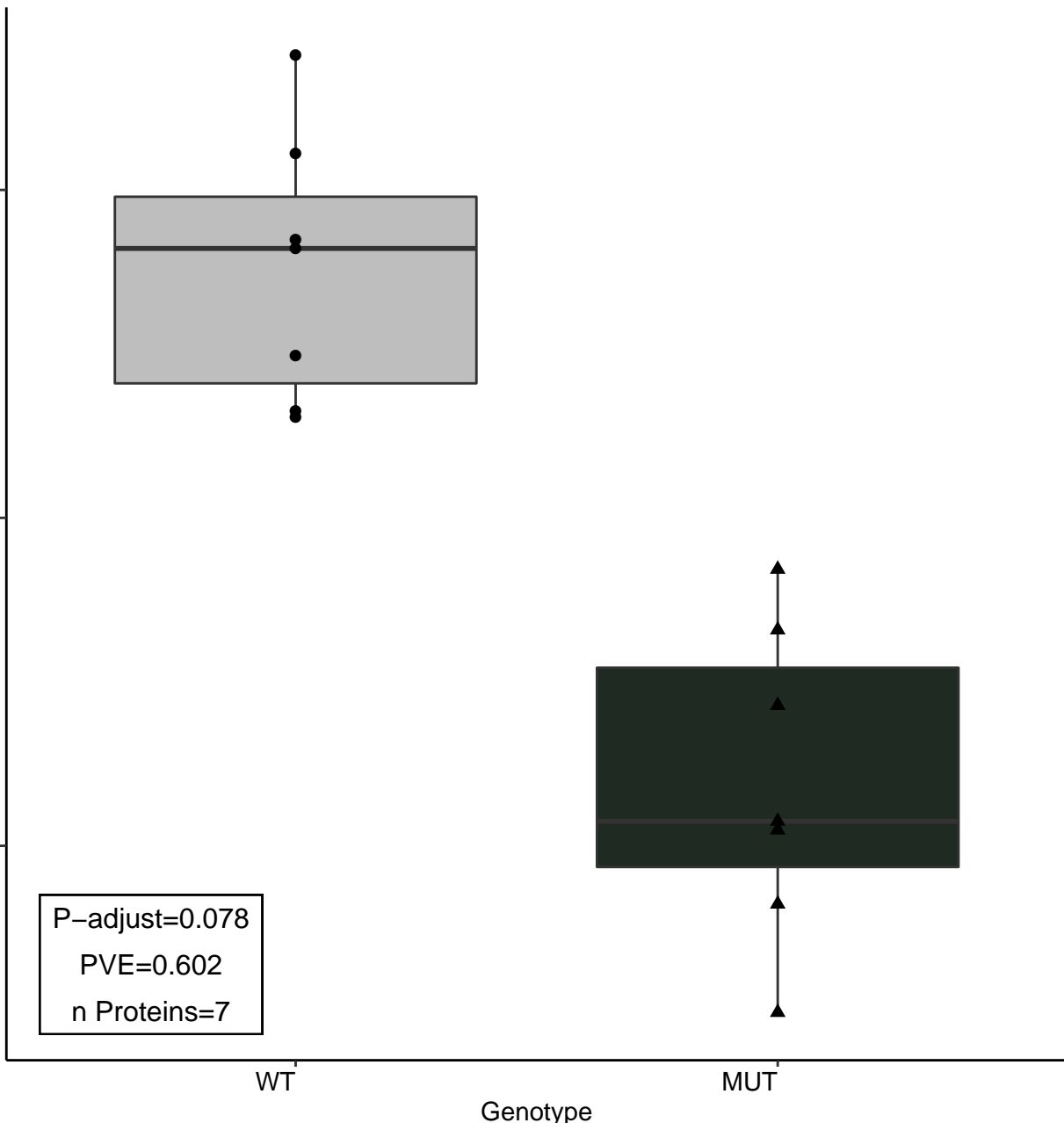
PVE=0.602

n Proteins=7

WT

Genotype

MUT



M123

Log2(Adjusted Module Intensity)

15.00

14.98

14.96

WT

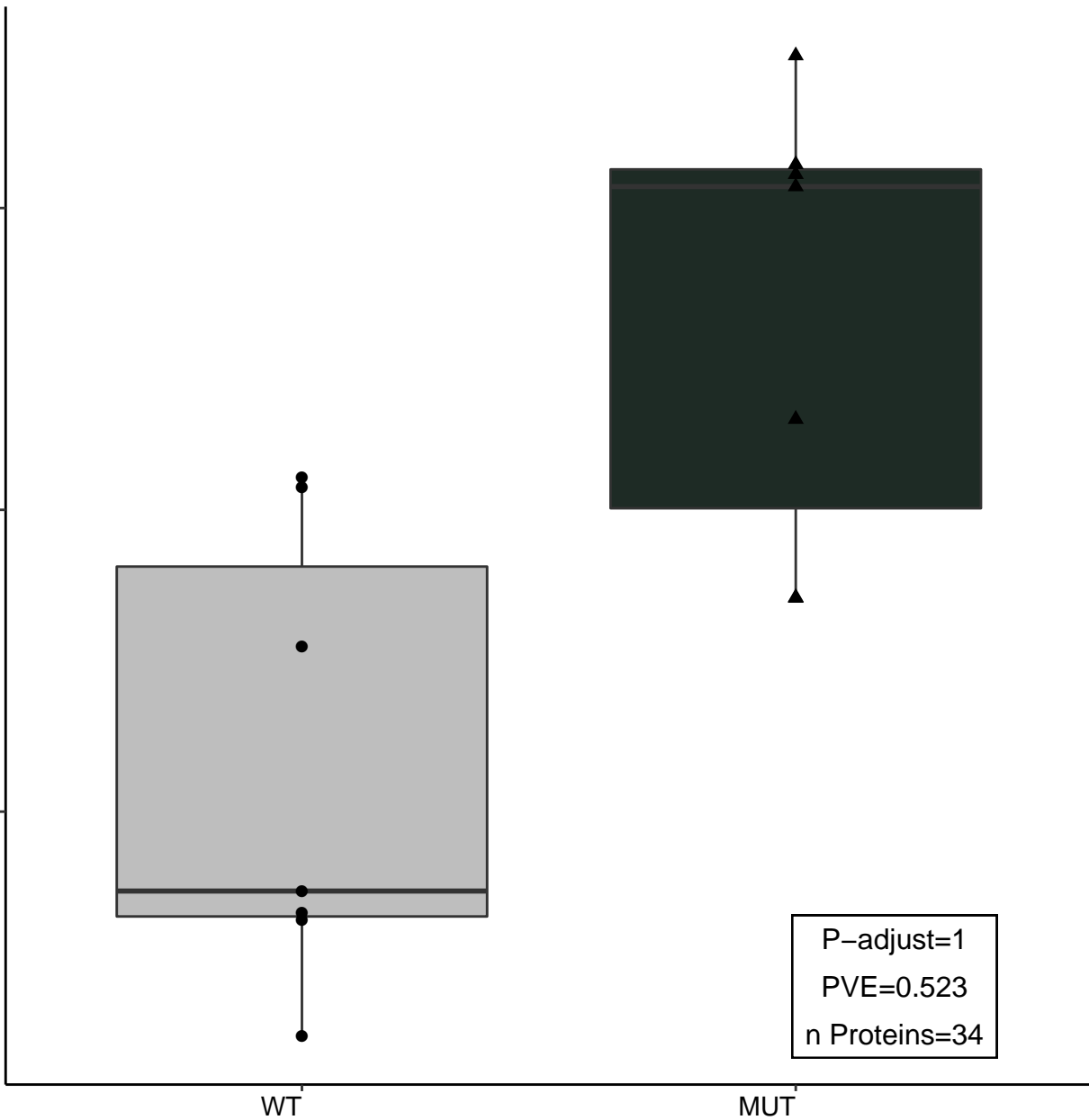
Genotype

MUT

P-adjust=1

PVE=0.523

n Proteins=34



M124

Log2(Adjusted Module Intensity)

12.76

12.75

12.74

WT

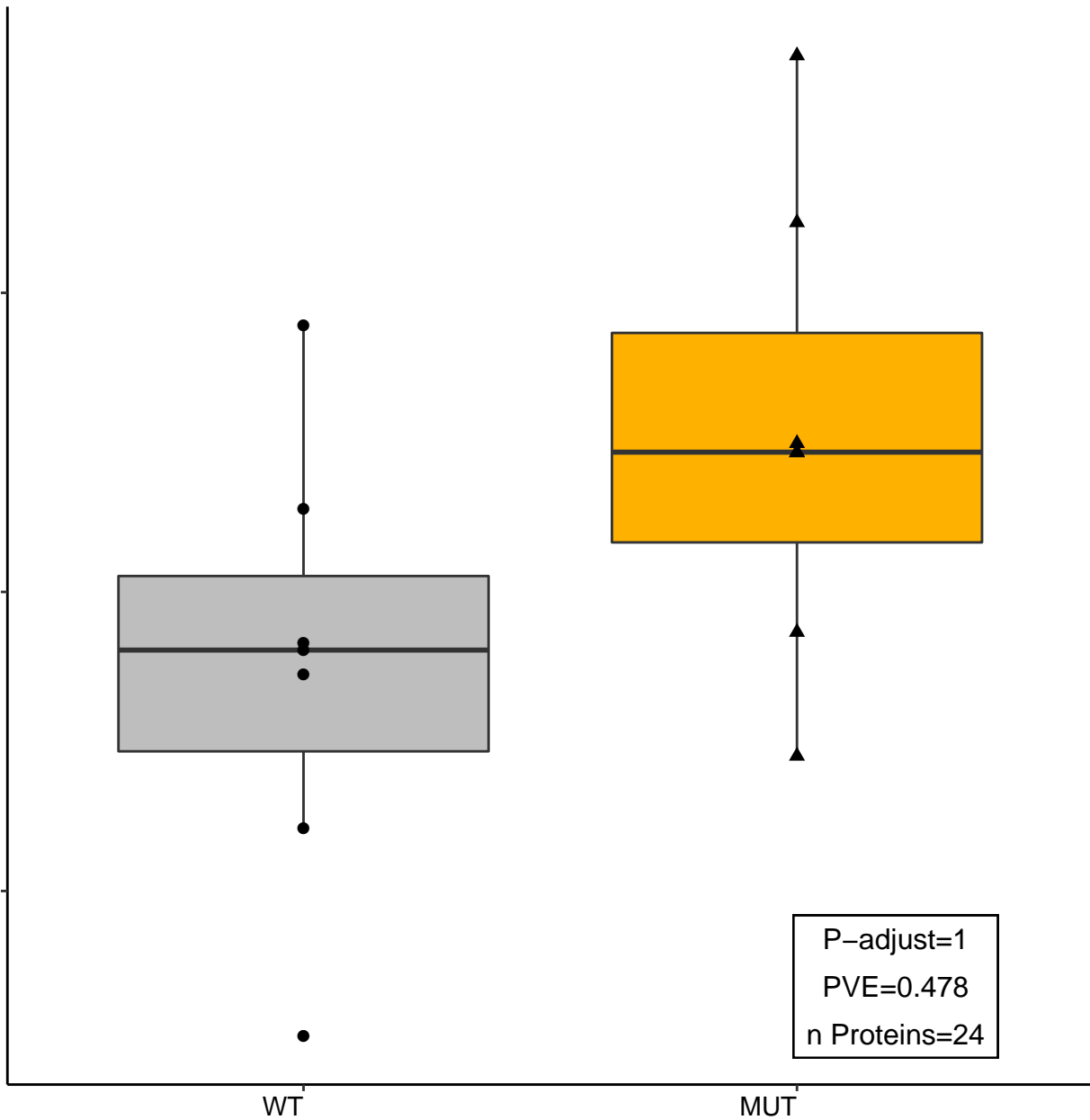
Genotype

MUT

P-adjust=1

PVE=0.478

n Proteins=24



M125

Log2(Adjusted Module Intensity)

11.48

11.46

11.44

11.42

WT

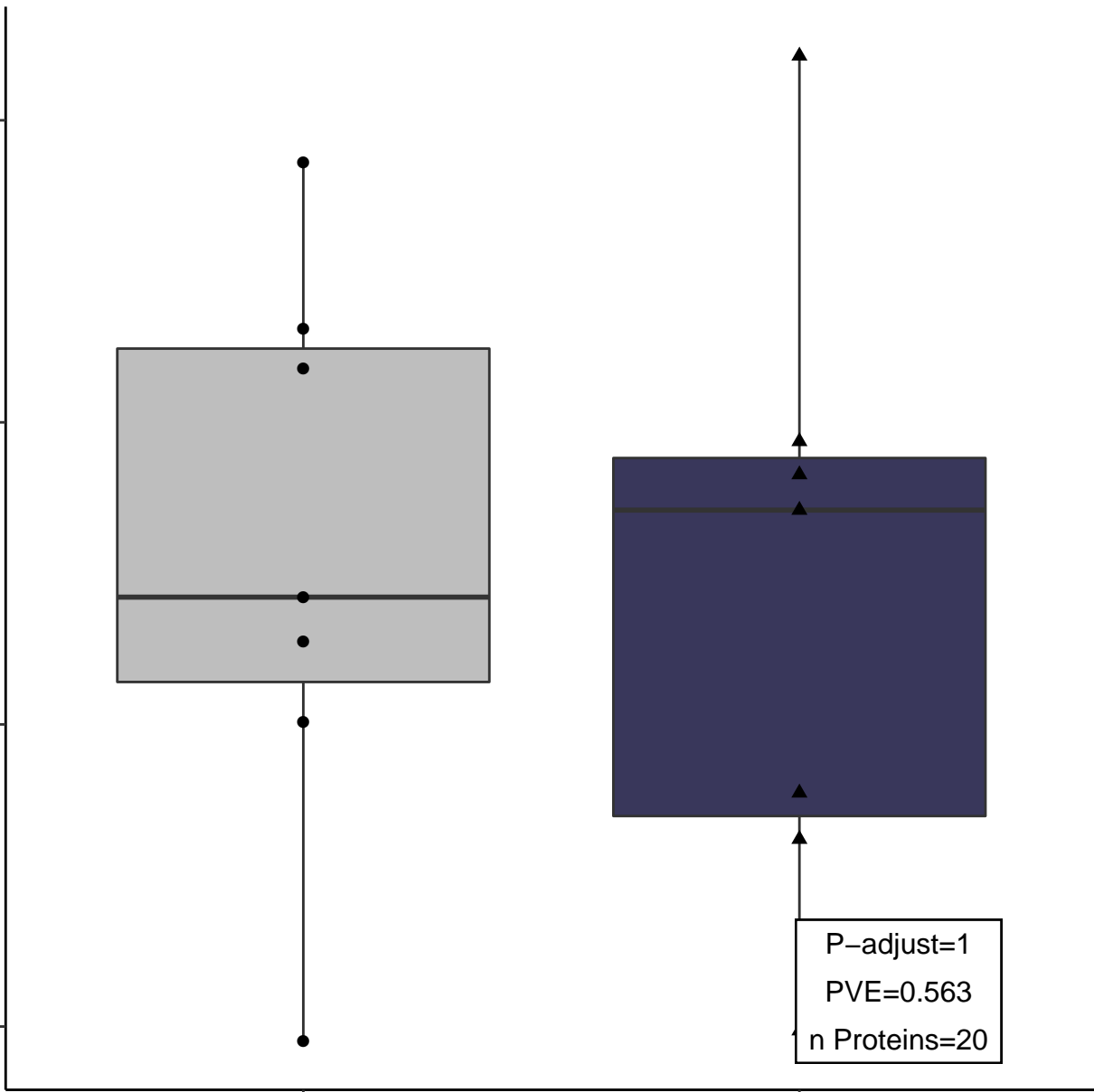
Genotype

MUT

P-adjust=1

PVE=0.563

n Proteins=20



M126

Log2(Adjusted Module Intensity)

11.23

11.22

11.21

11.20

11.19

WT

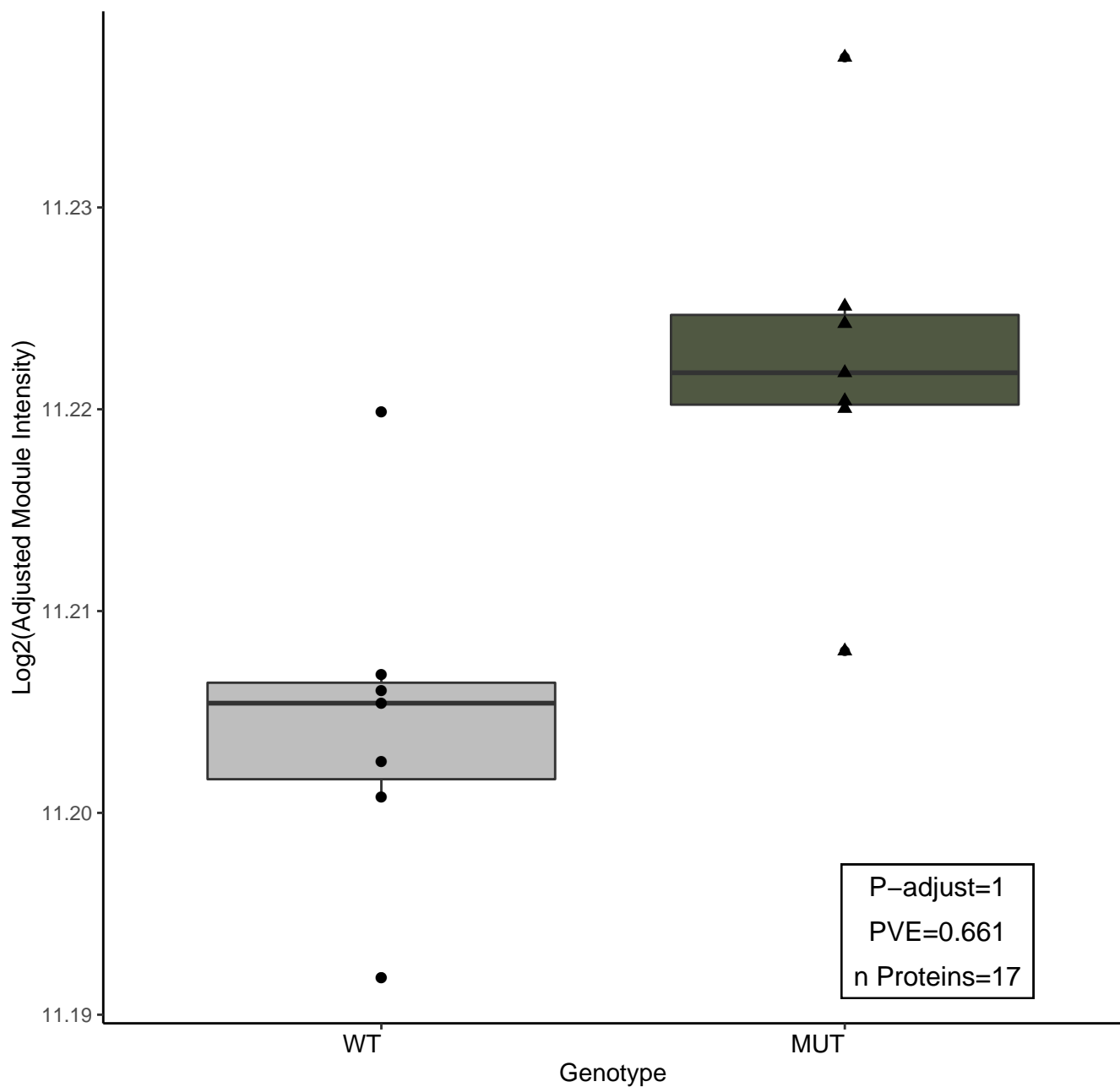
MUT

Genotype

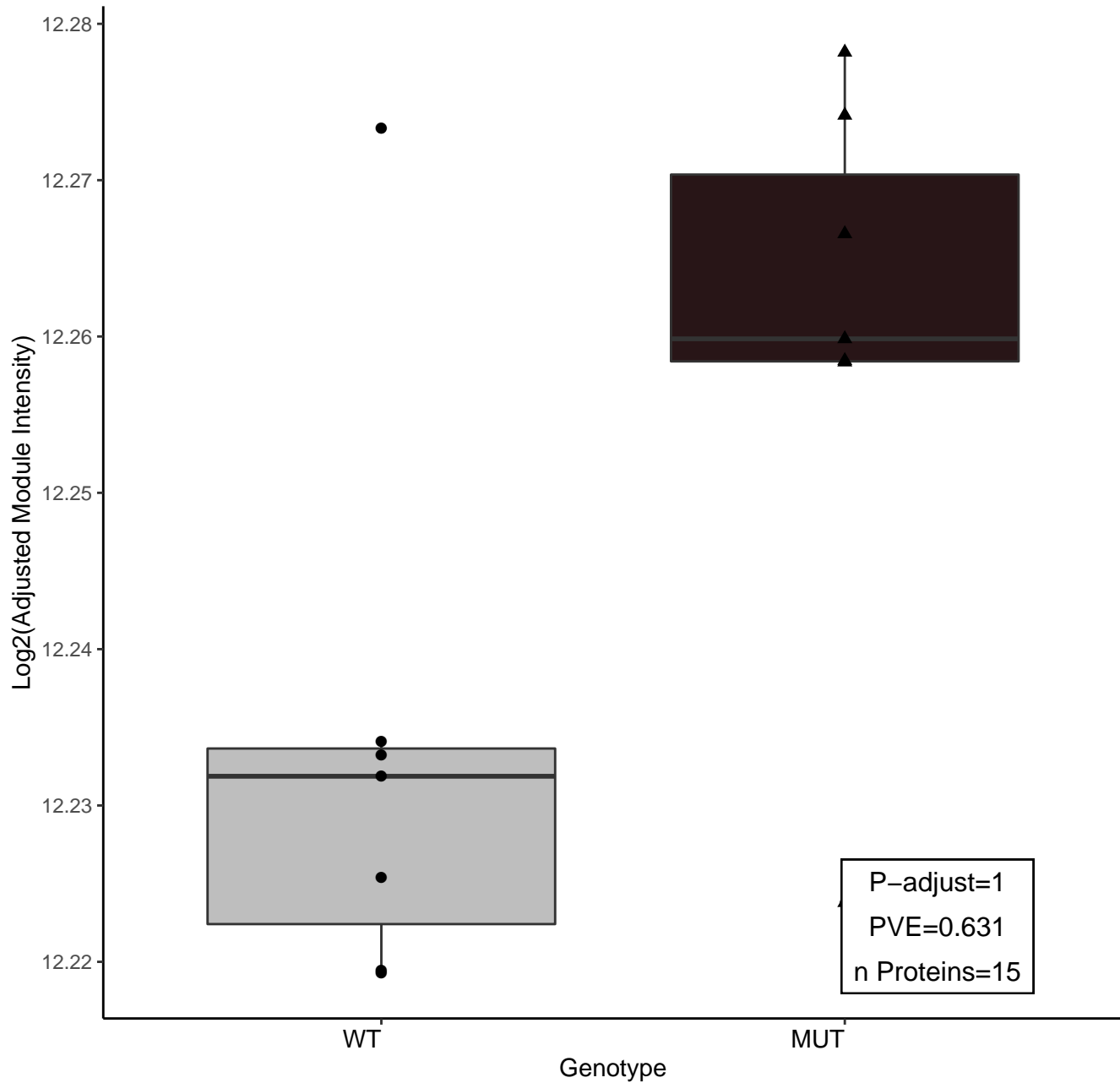
P-adjust=1

PVE=0.661

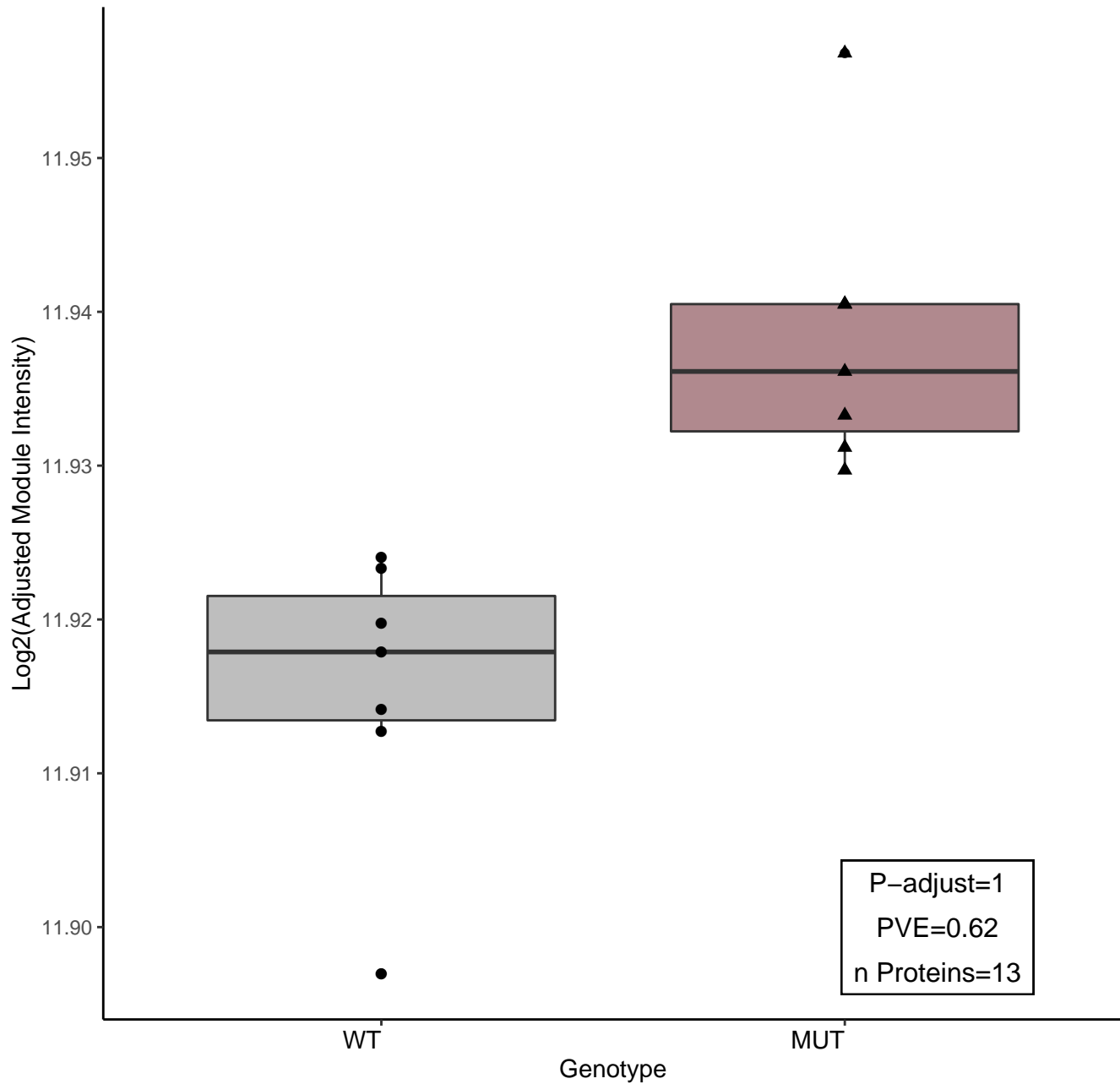
n Proteins=17



M127

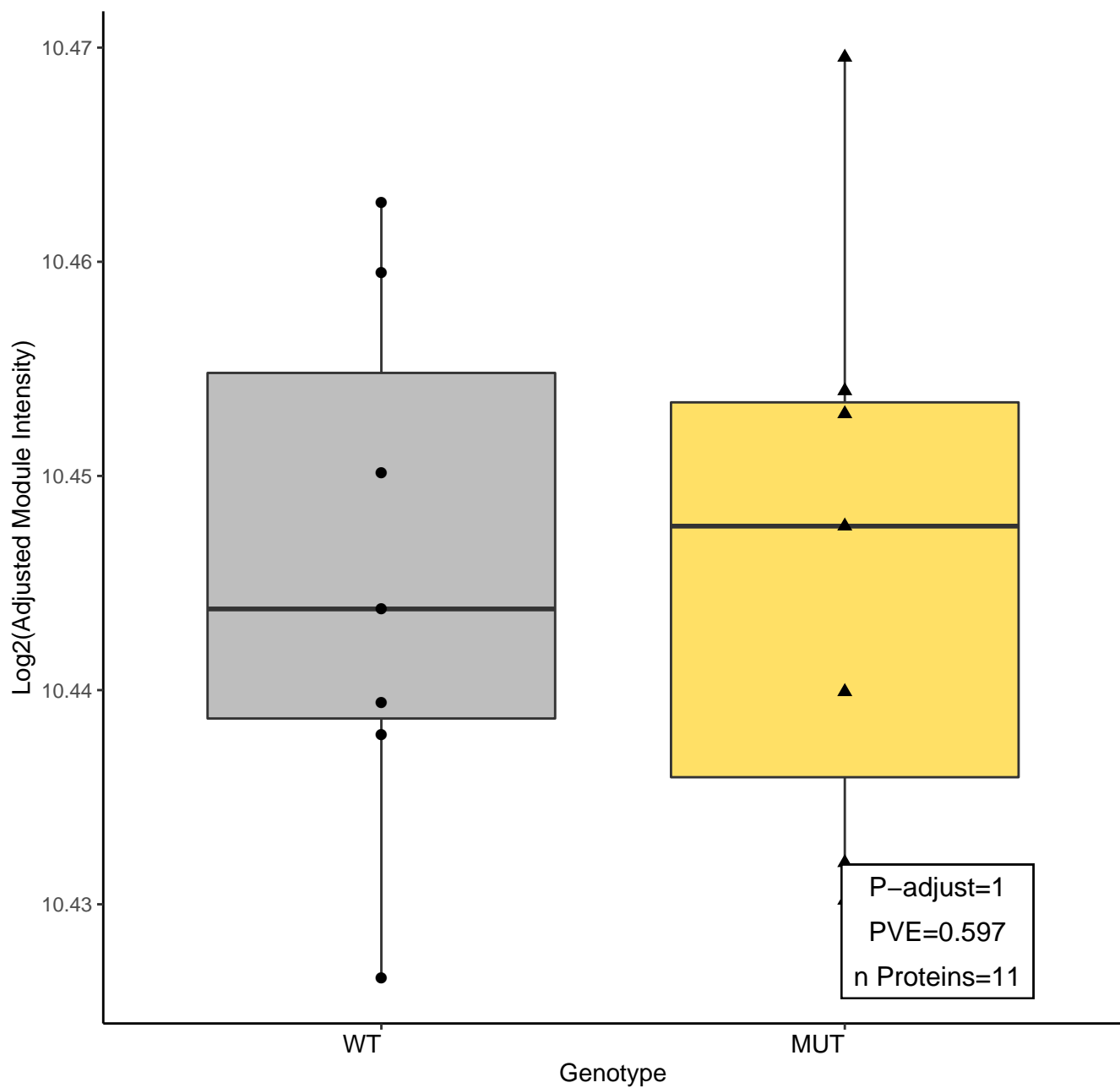


M128

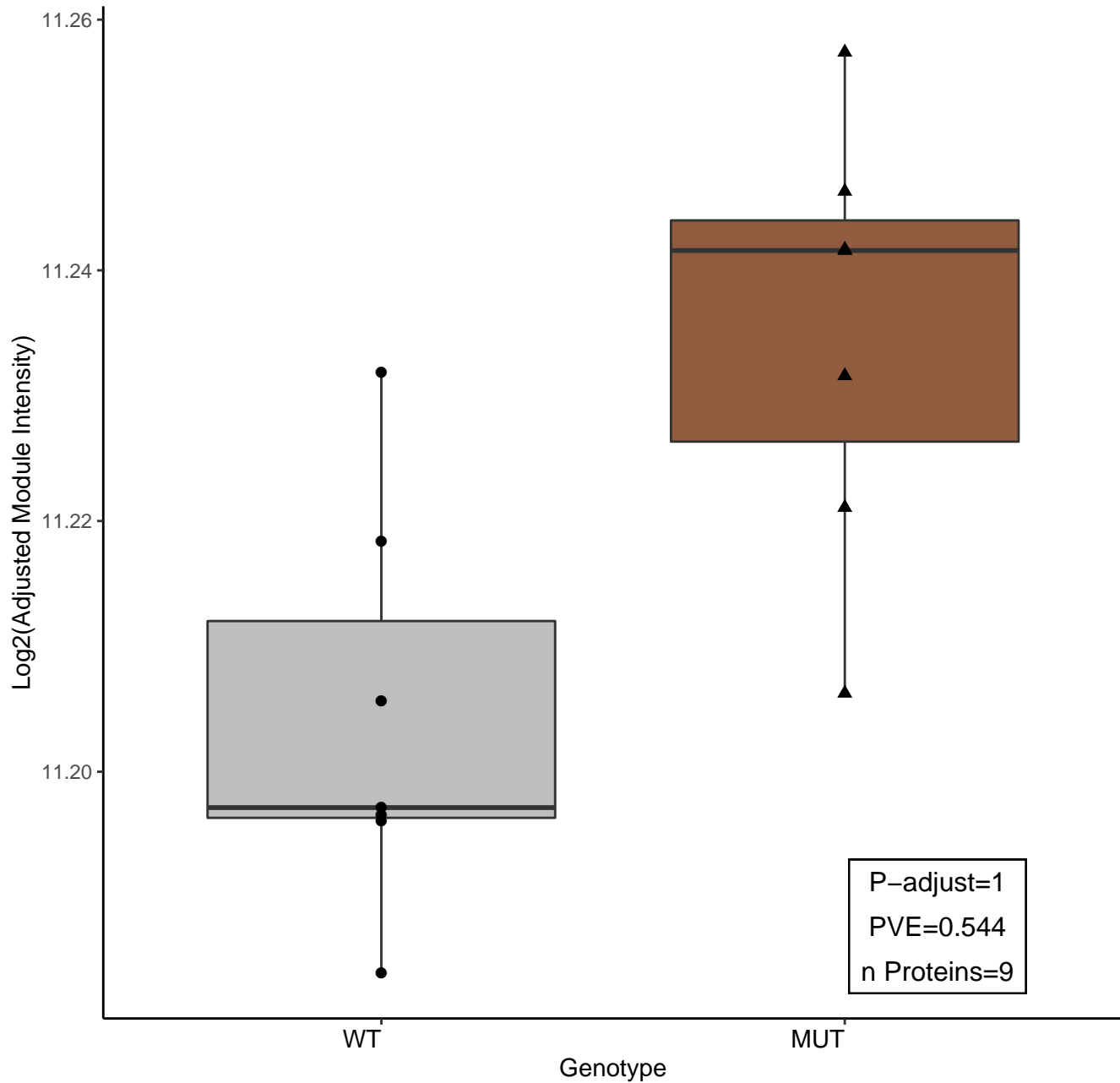




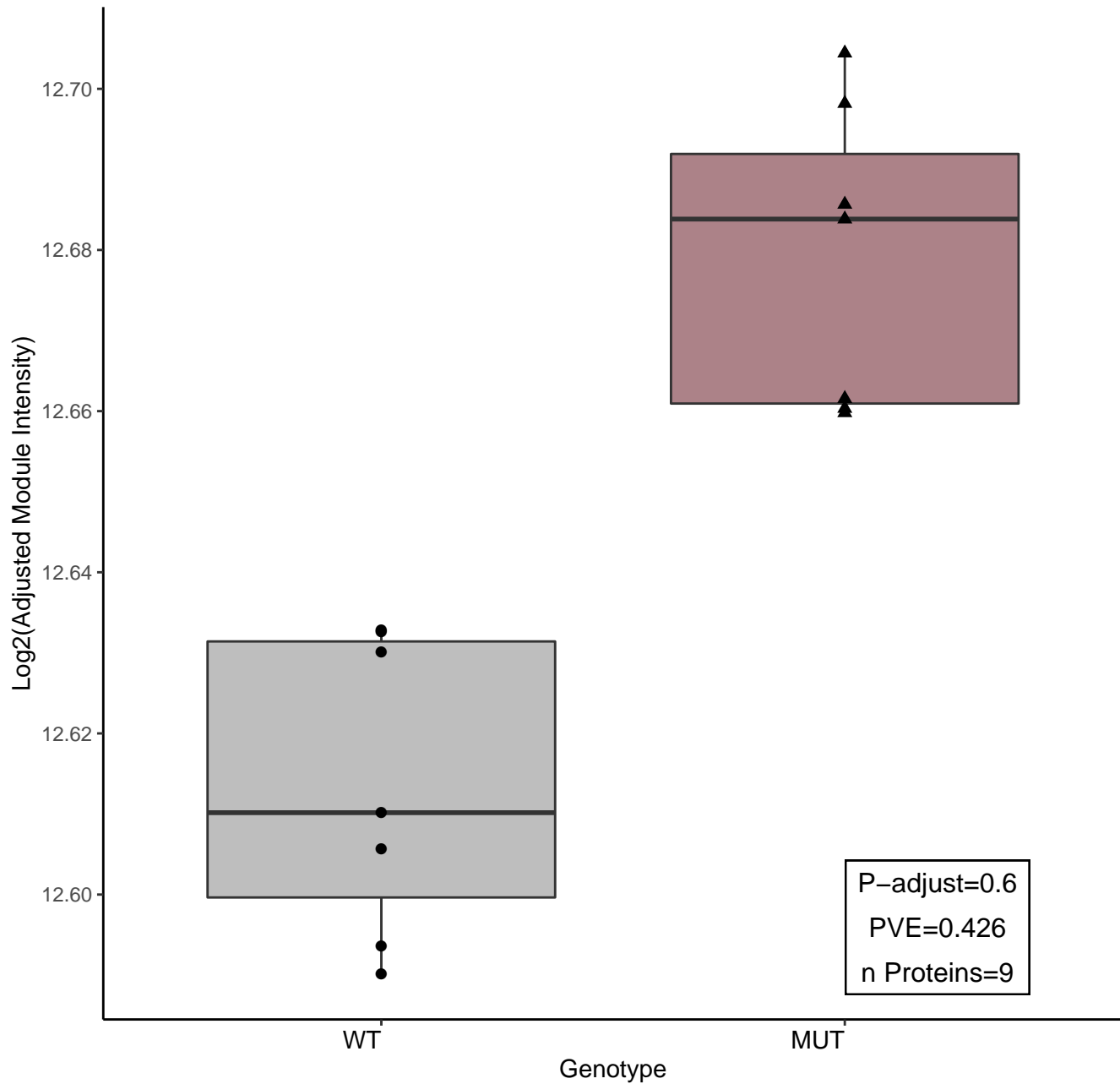
M129



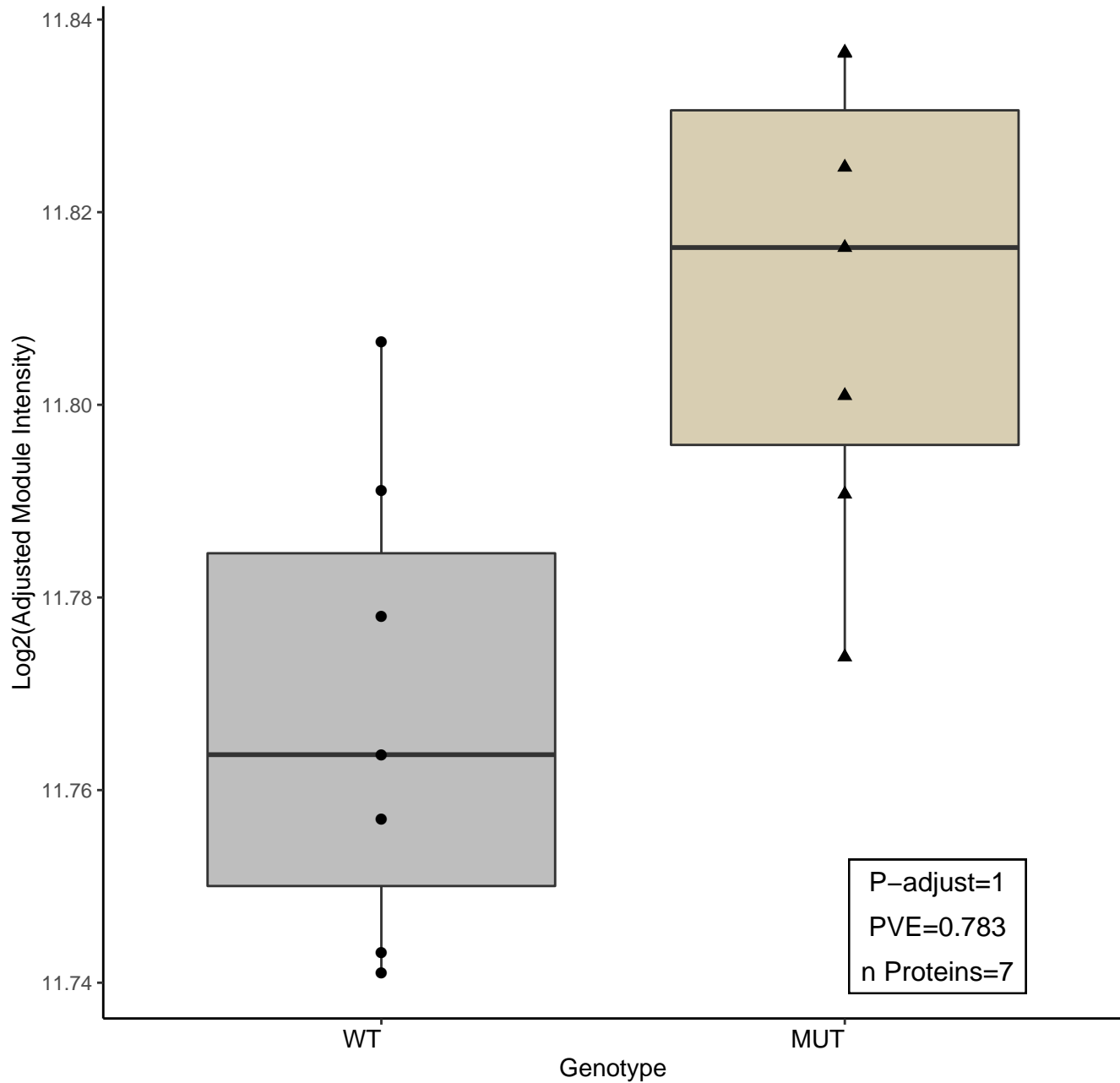
M130



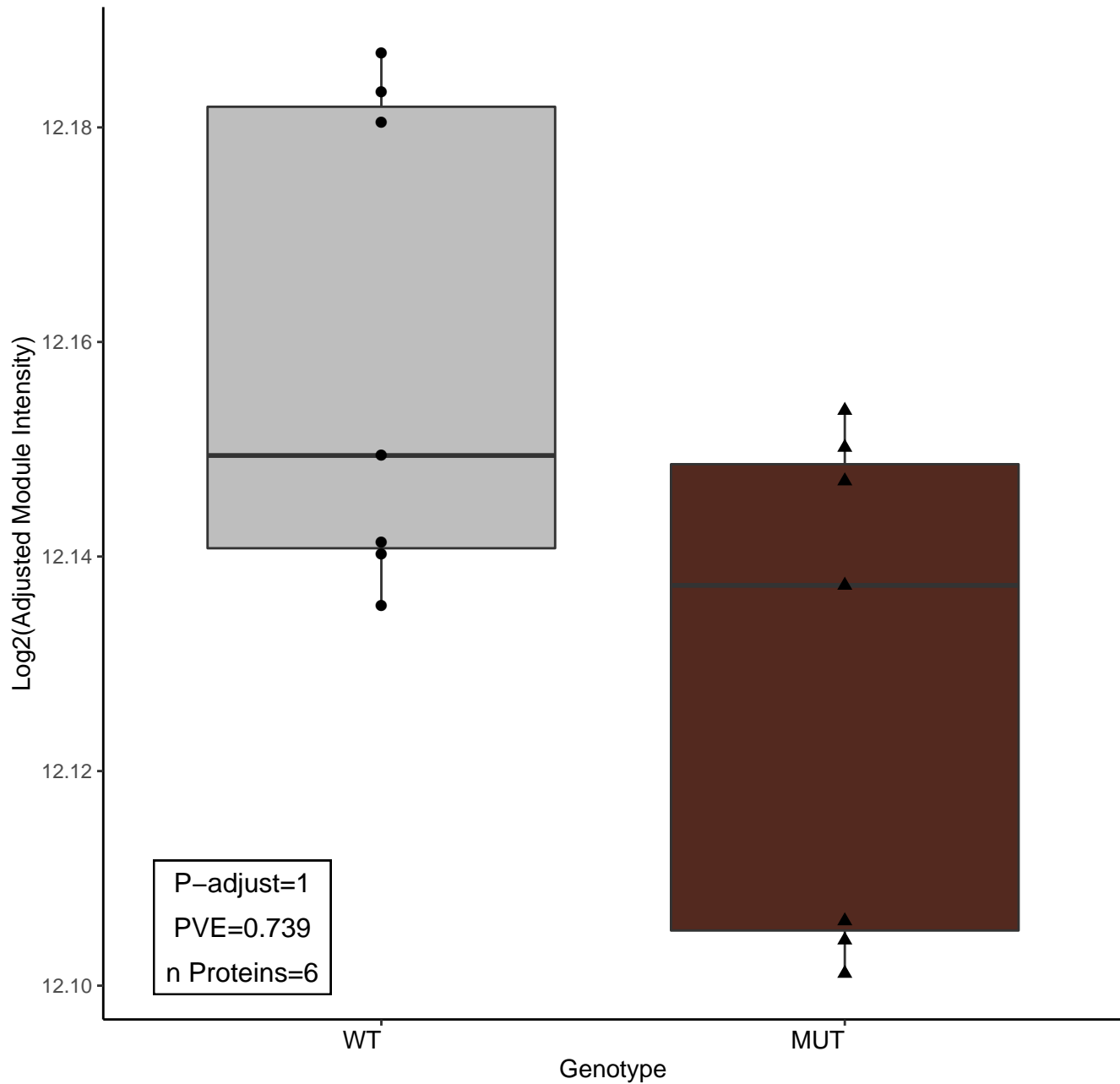
M131

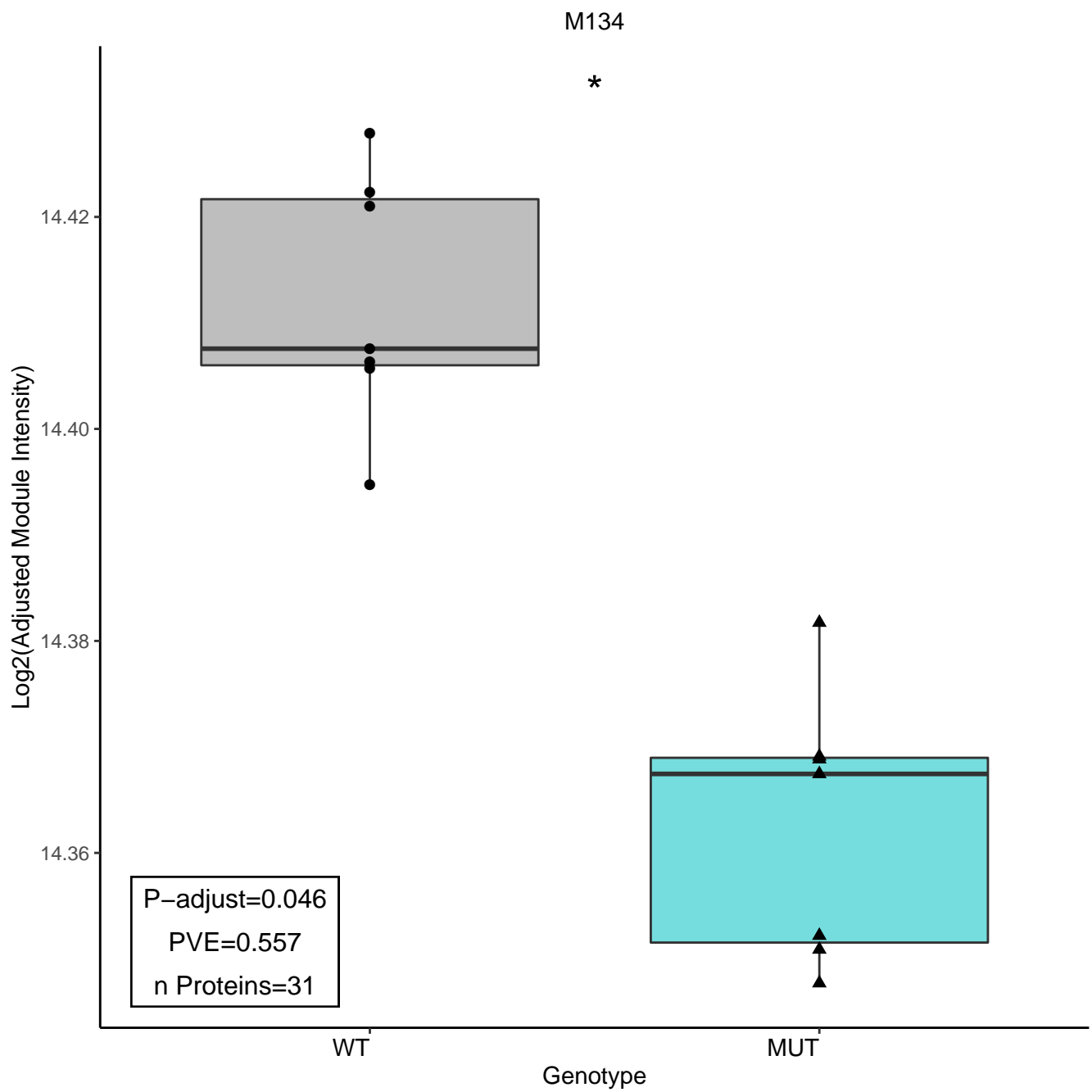


M132

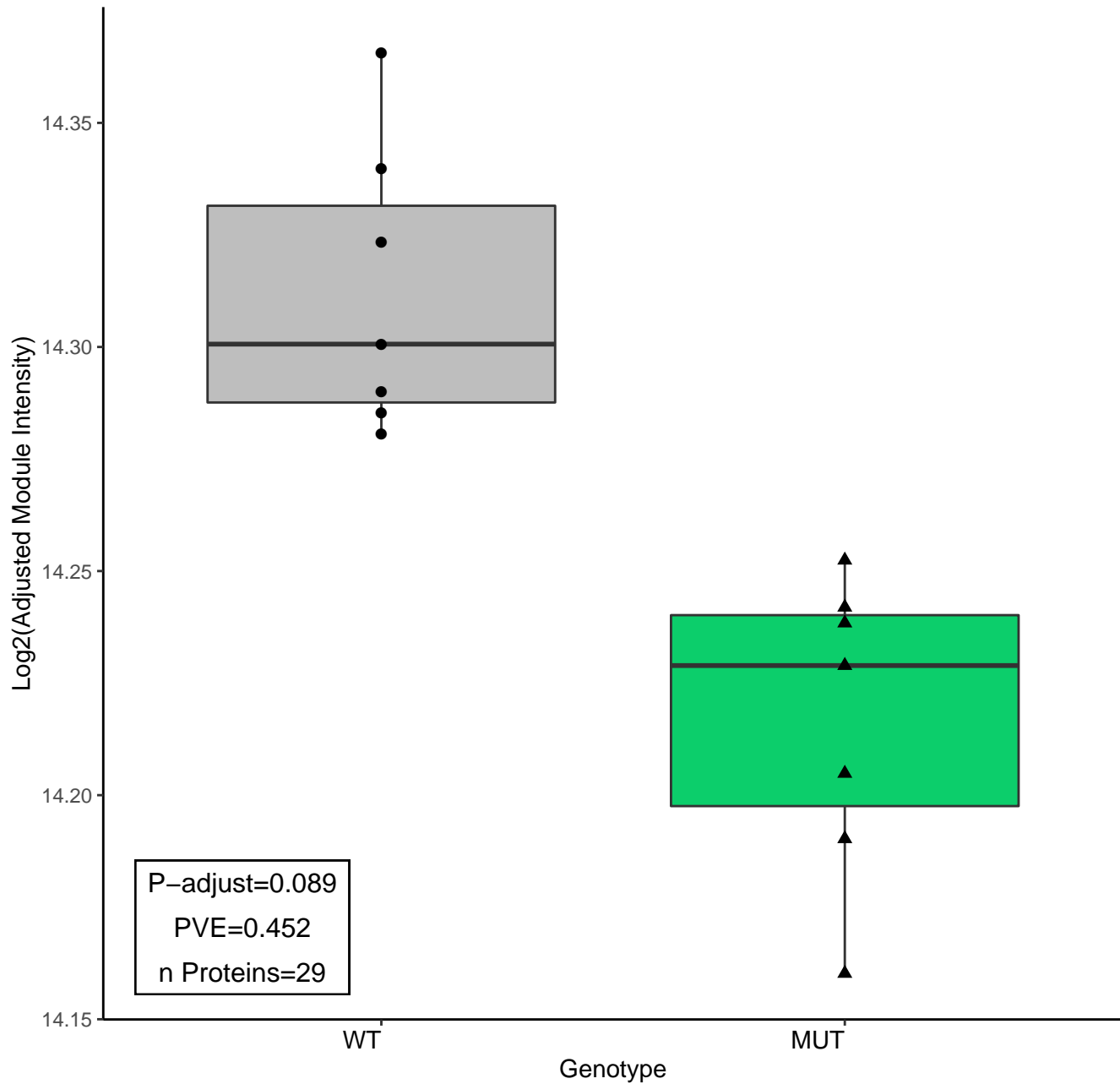


M133





M135



M136

Log2(Adjusted Module Intensity)

13.70

13.65

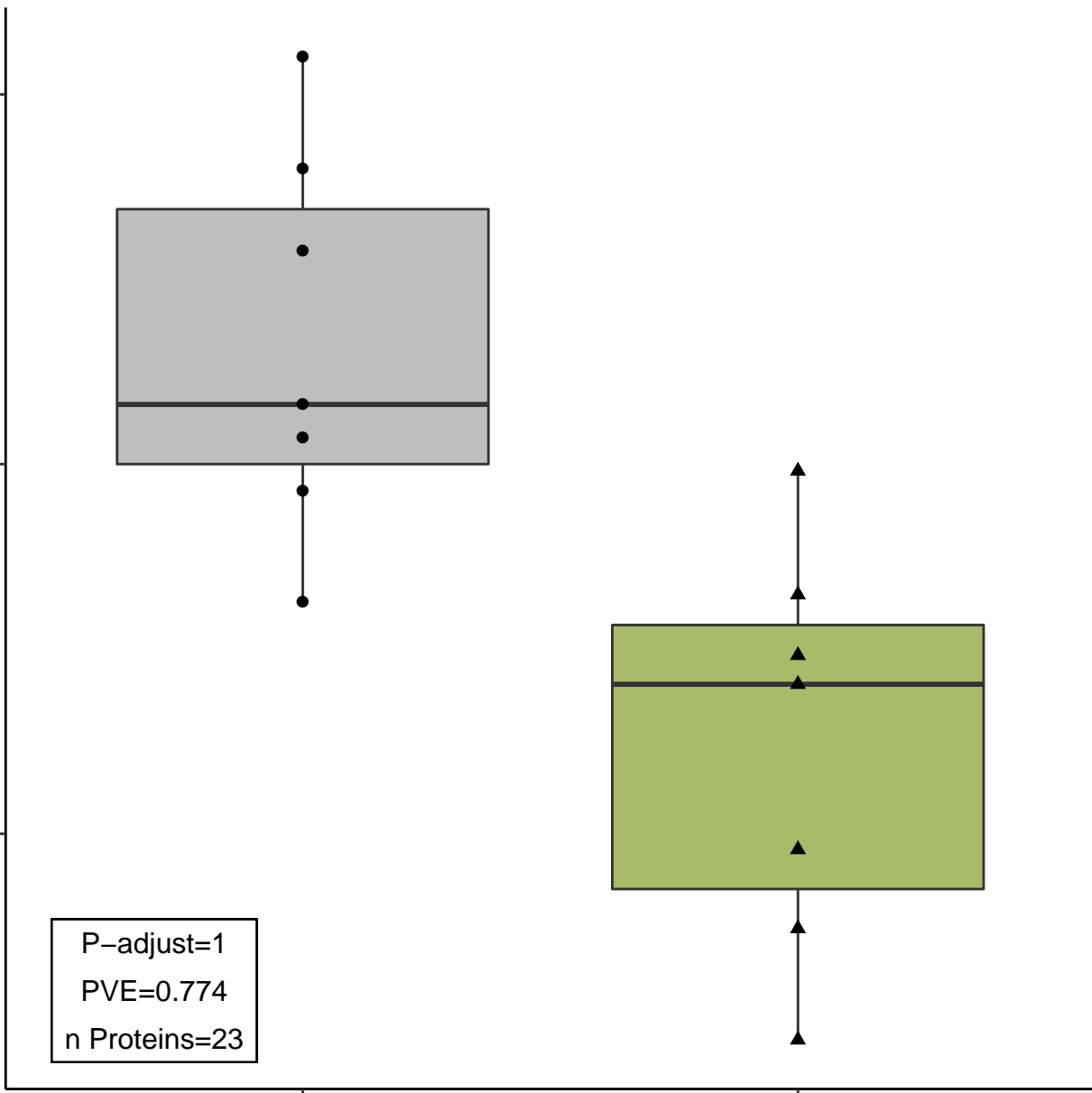
13.60

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

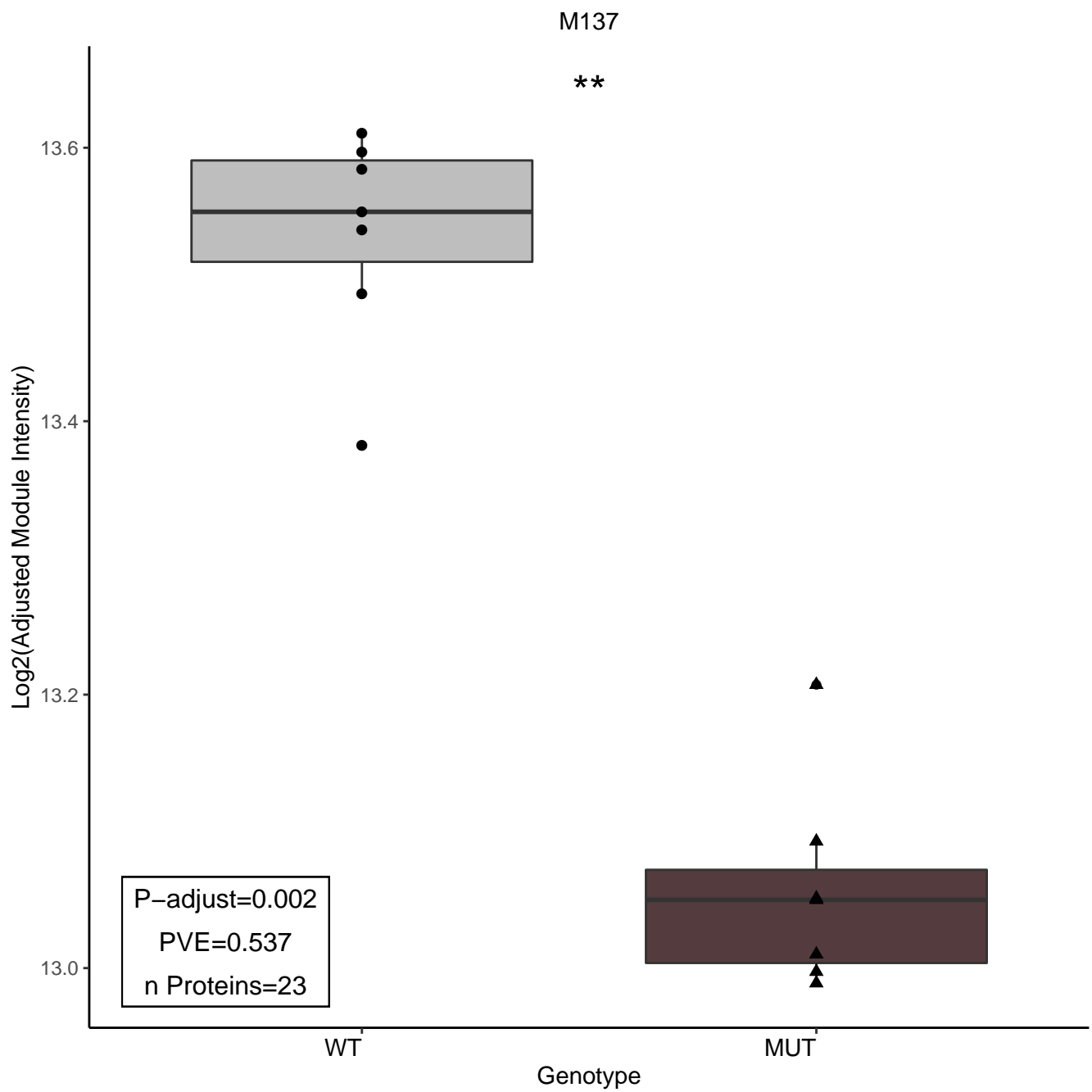
WT

Genotype

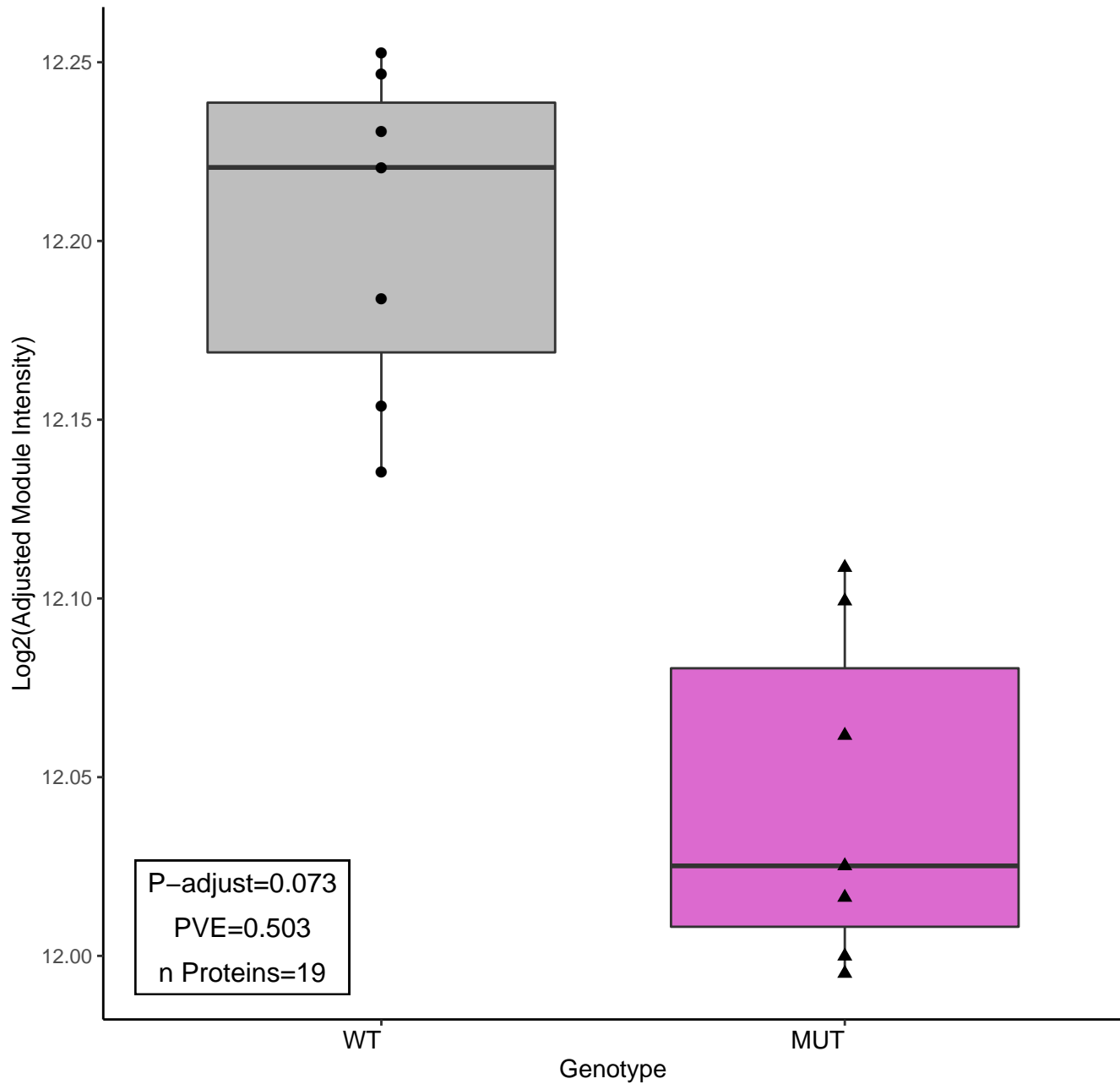
MUT

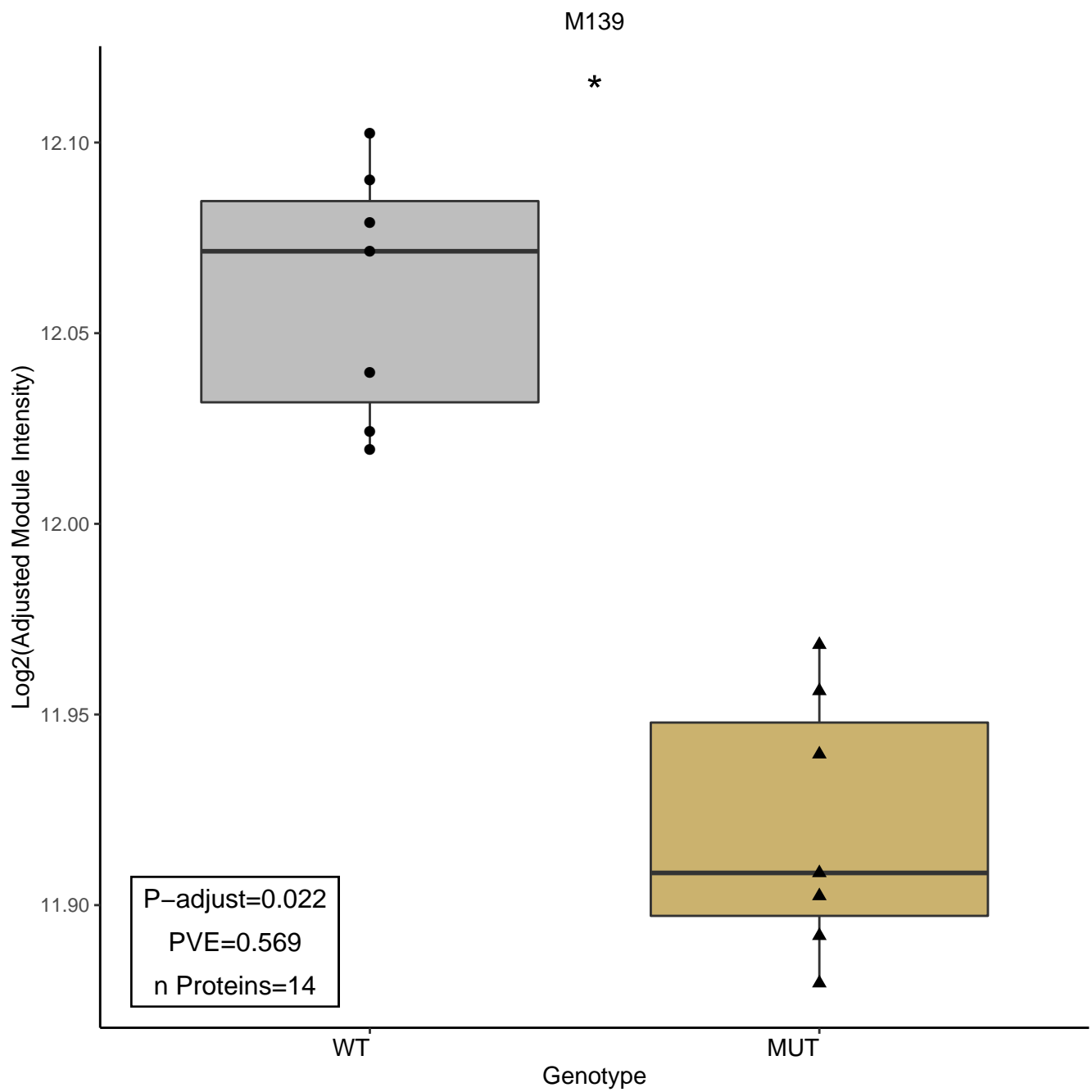




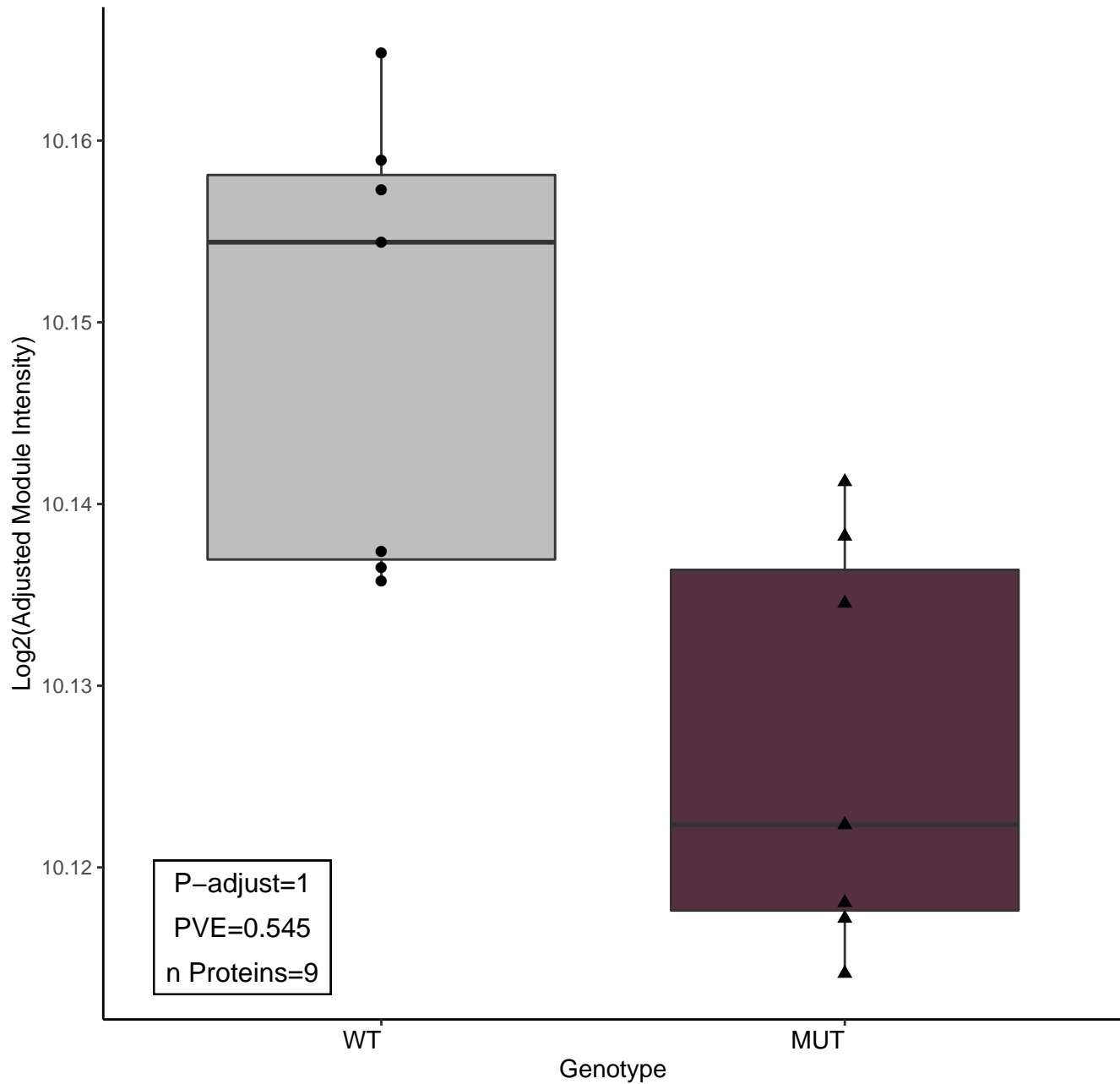


M138

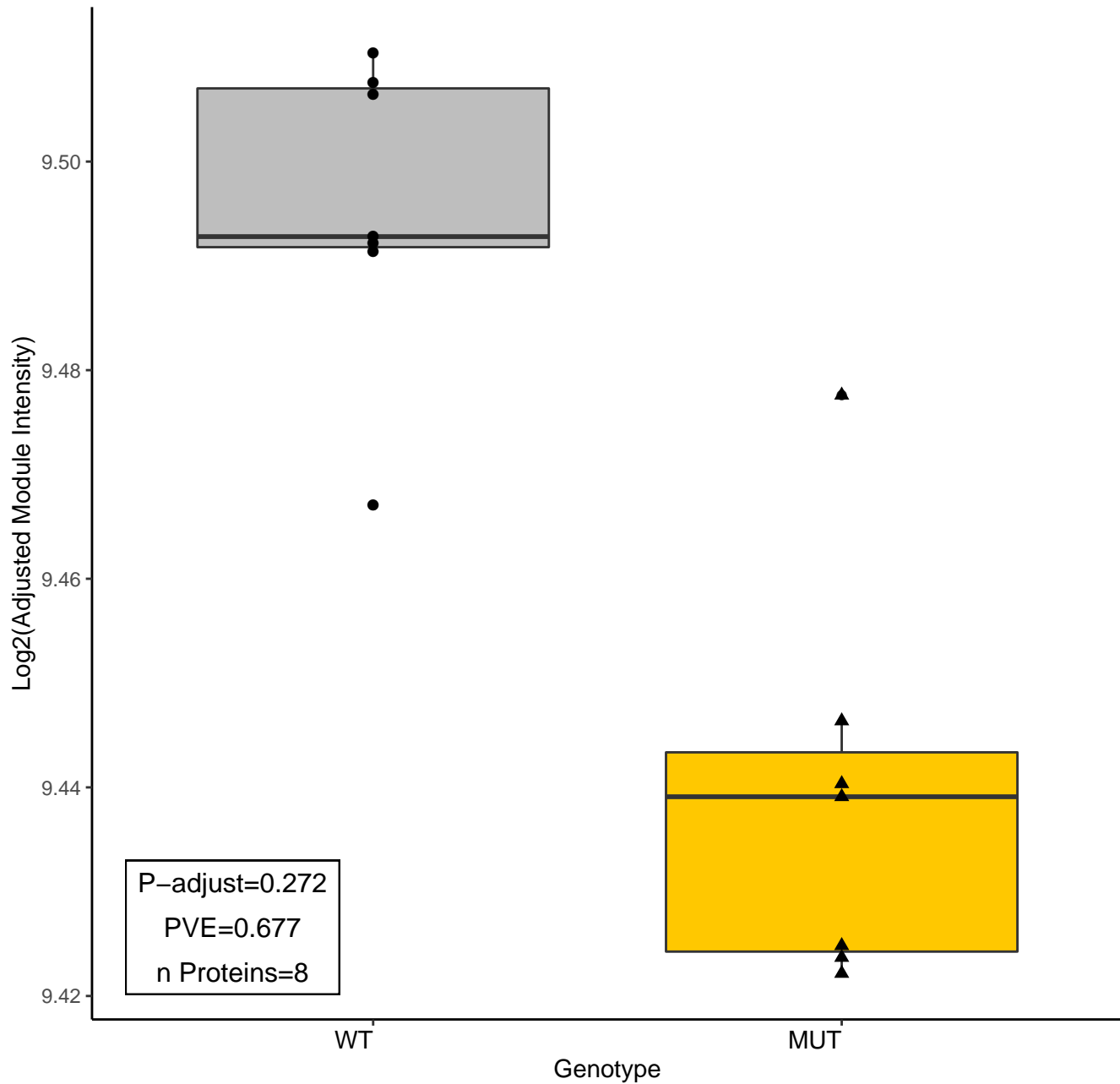




M140



M141



M142

Log2(Adjusted Module Intensity)

14.55

14.50

14.45

P-adjust=0.16

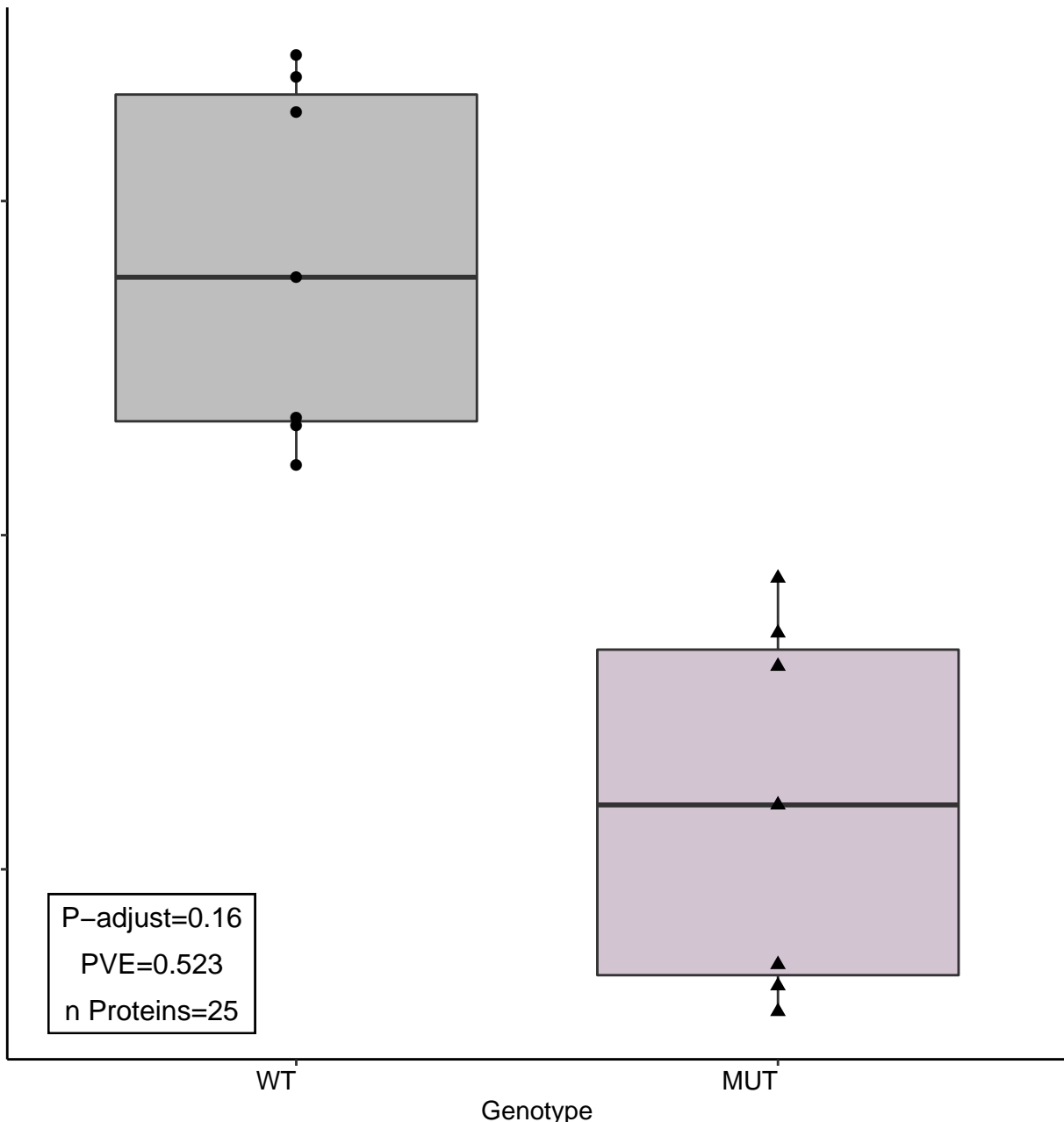
PVE=0.523

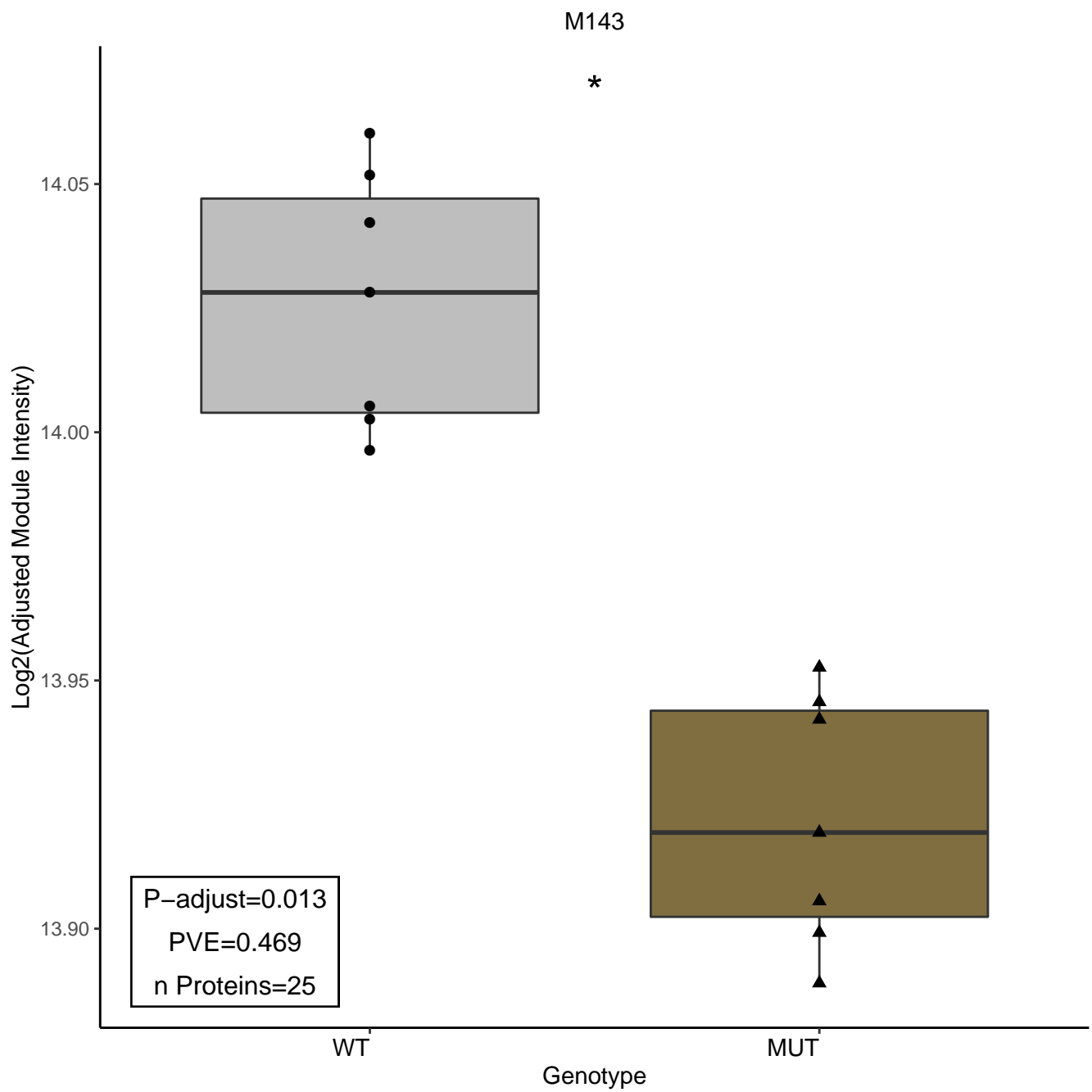
n Proteins=25

WT

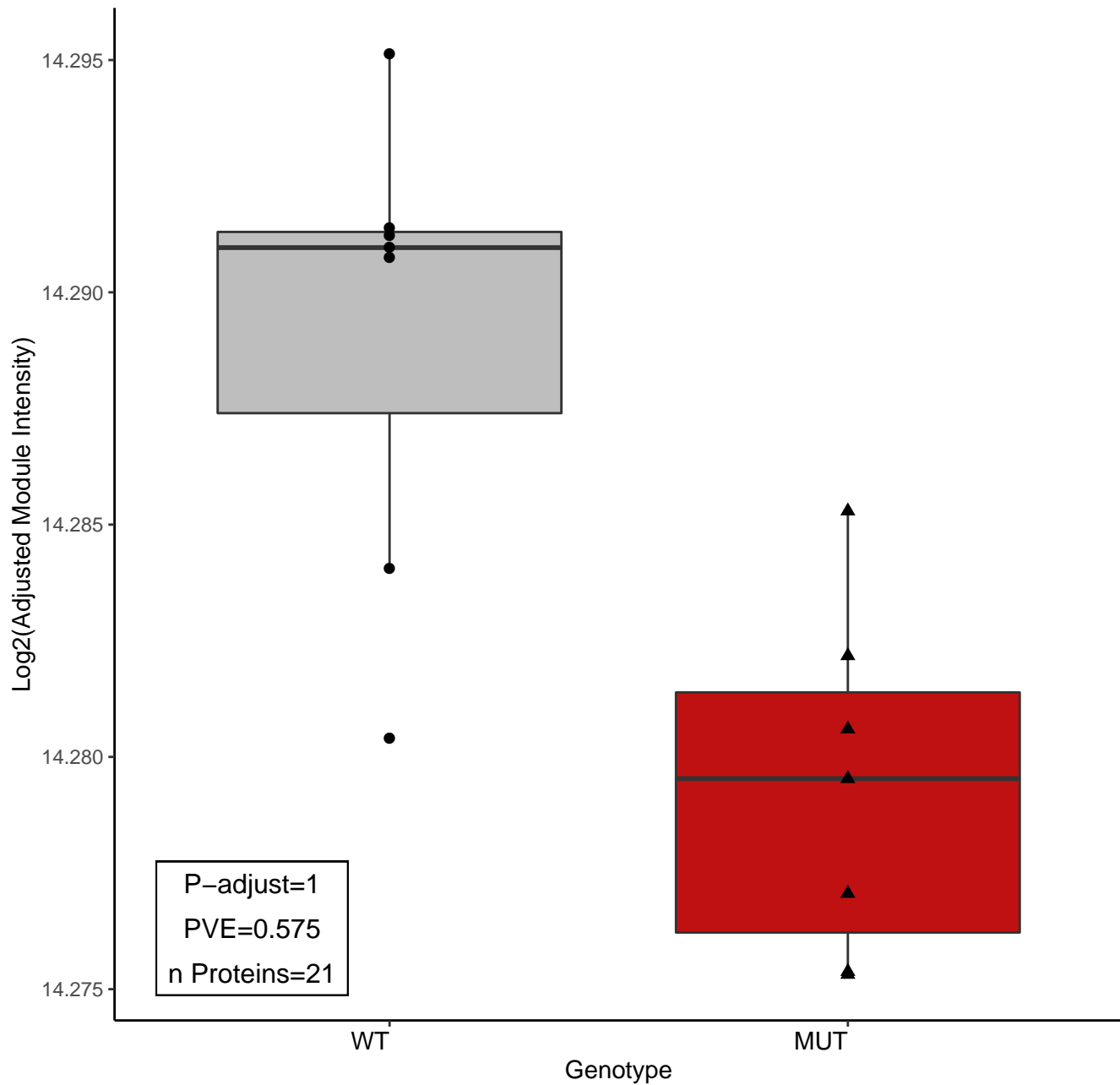
Genotype

MUT



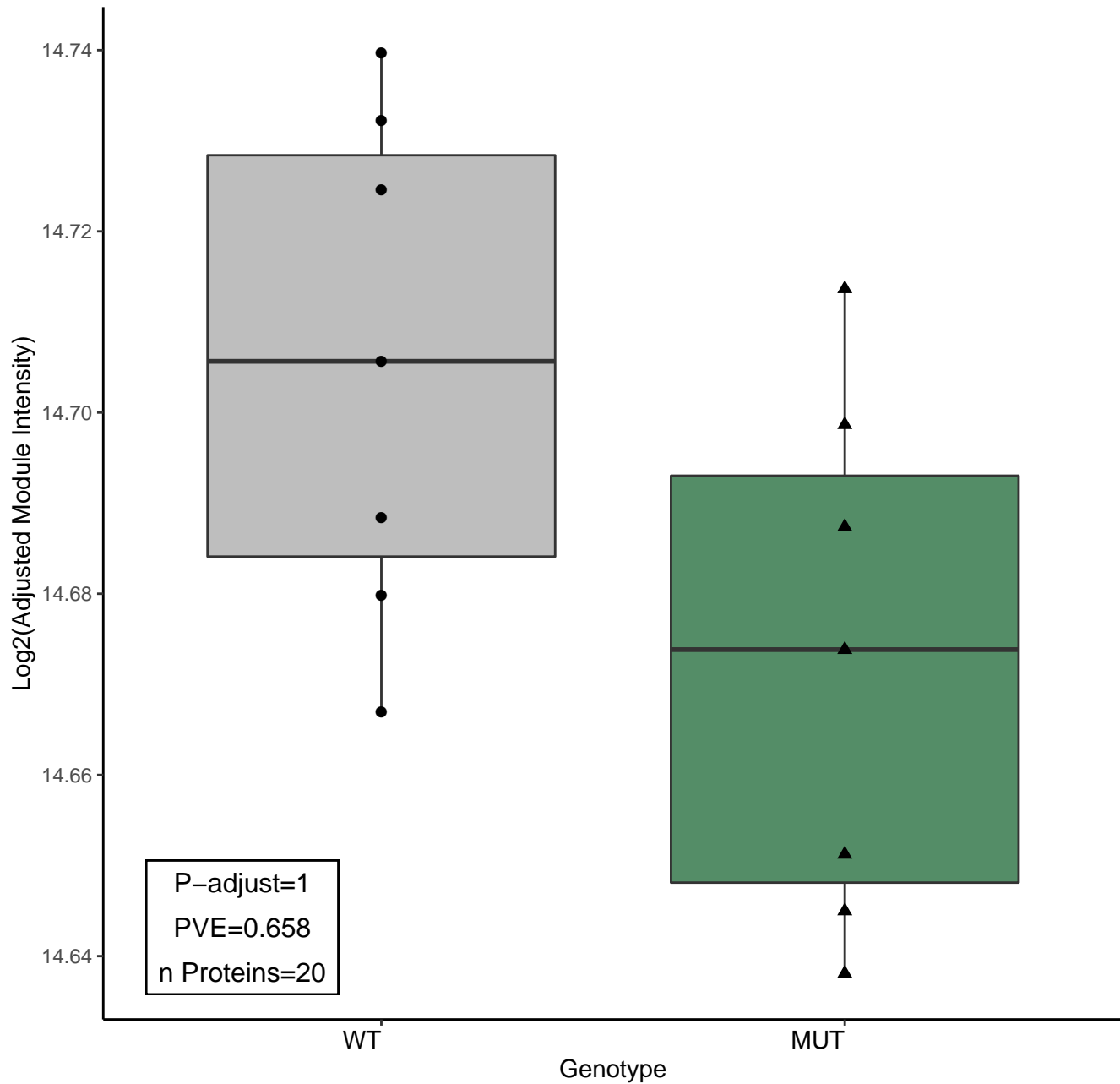


M144

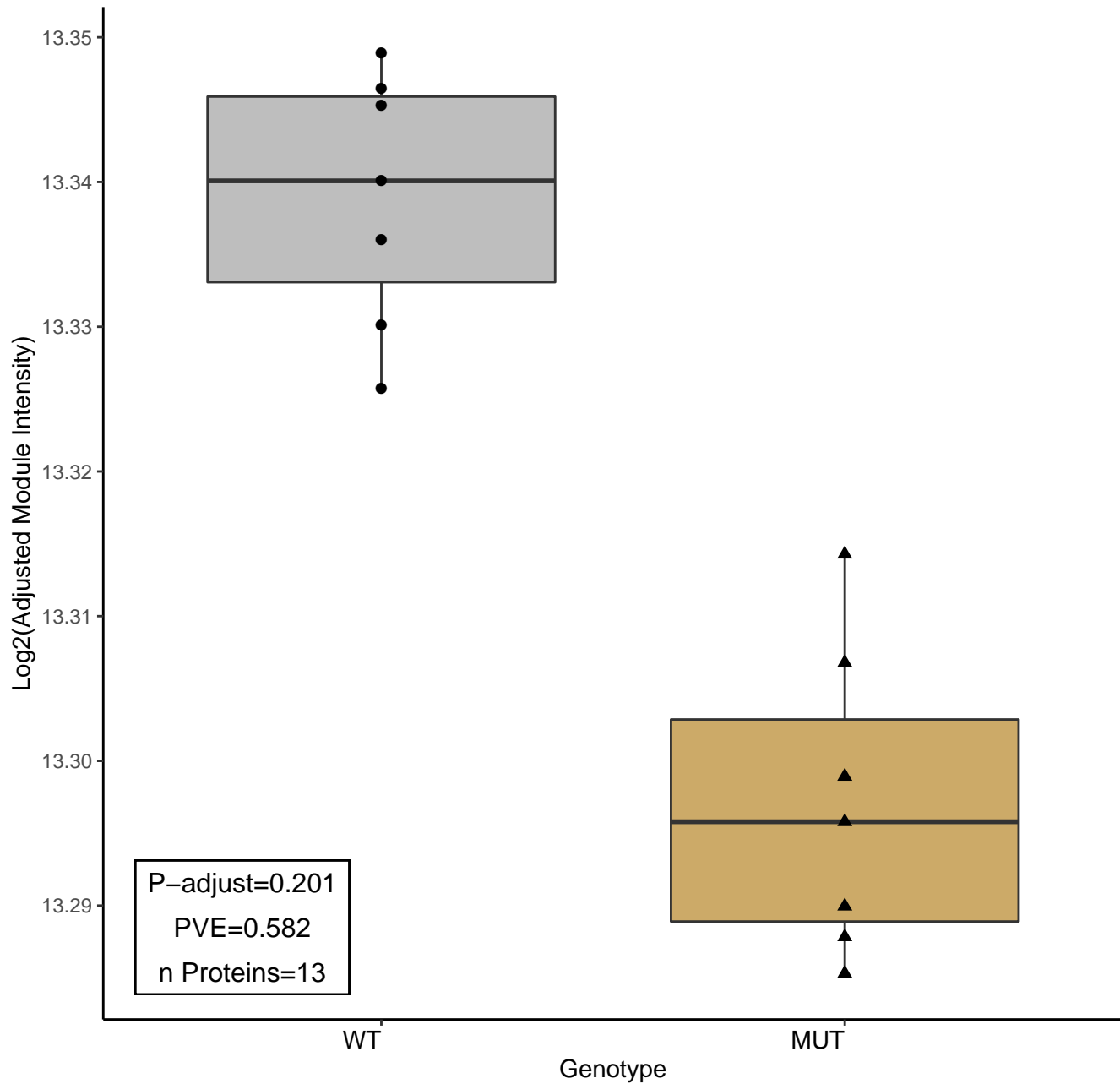




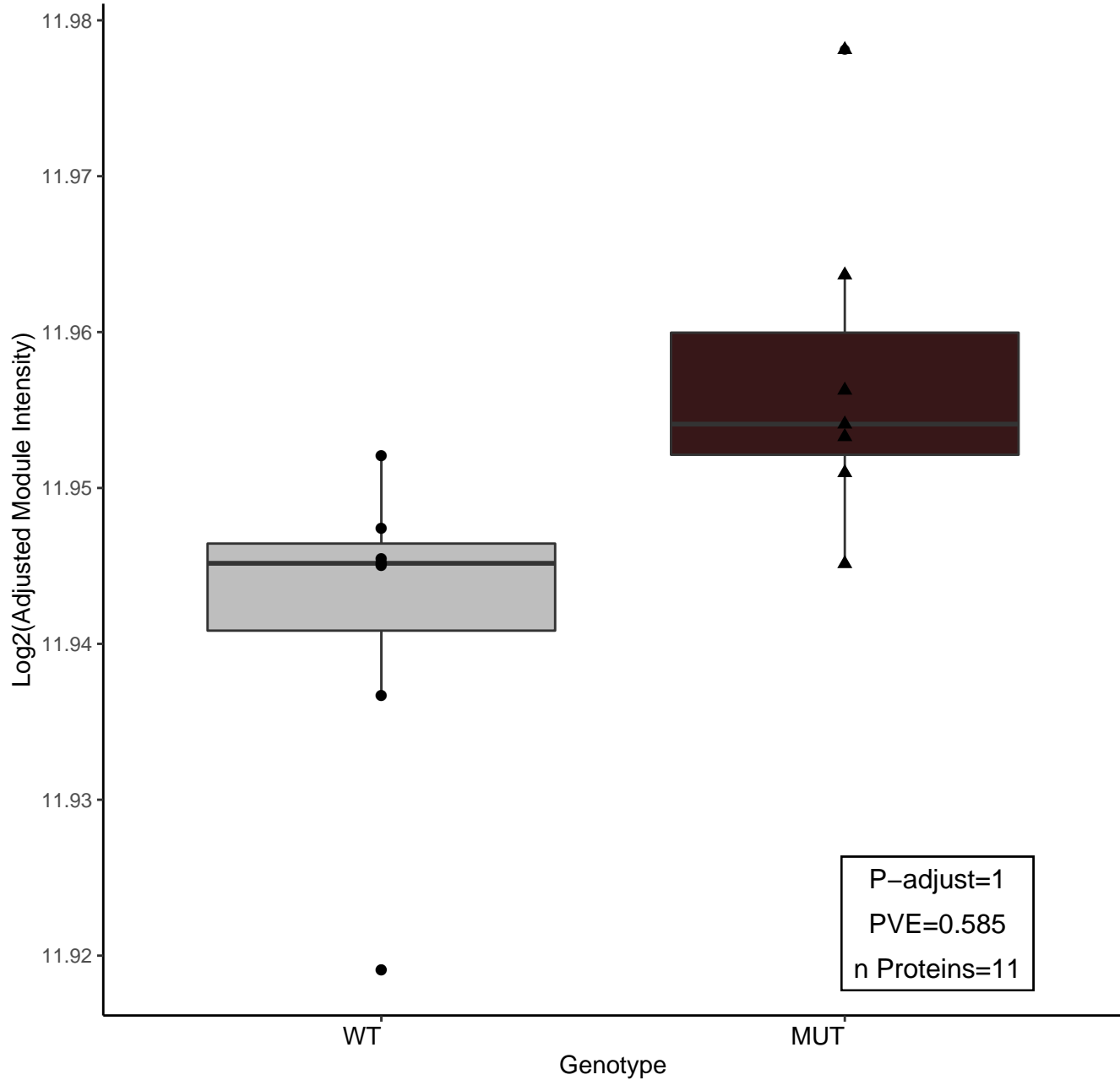
M145



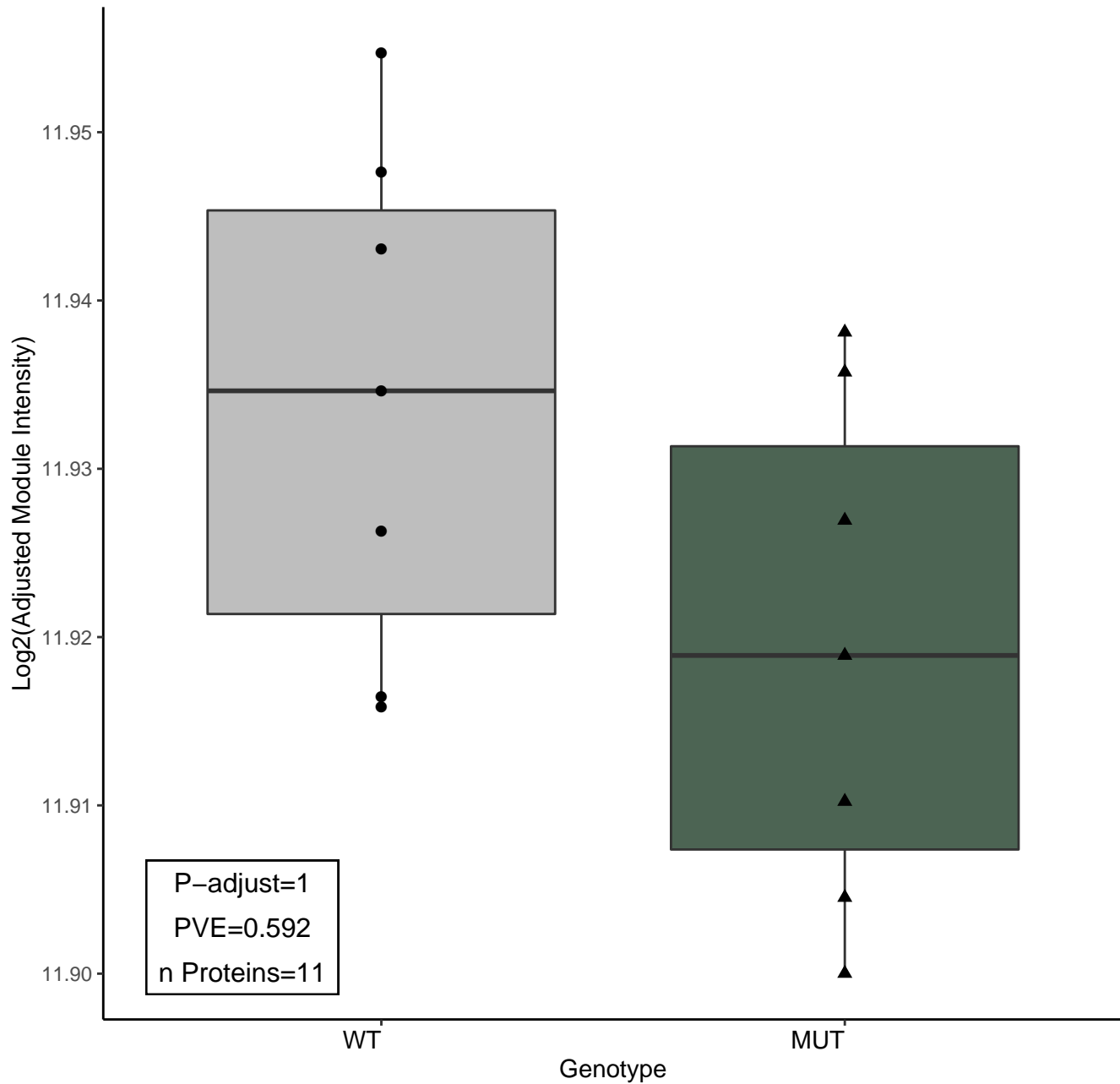
M146



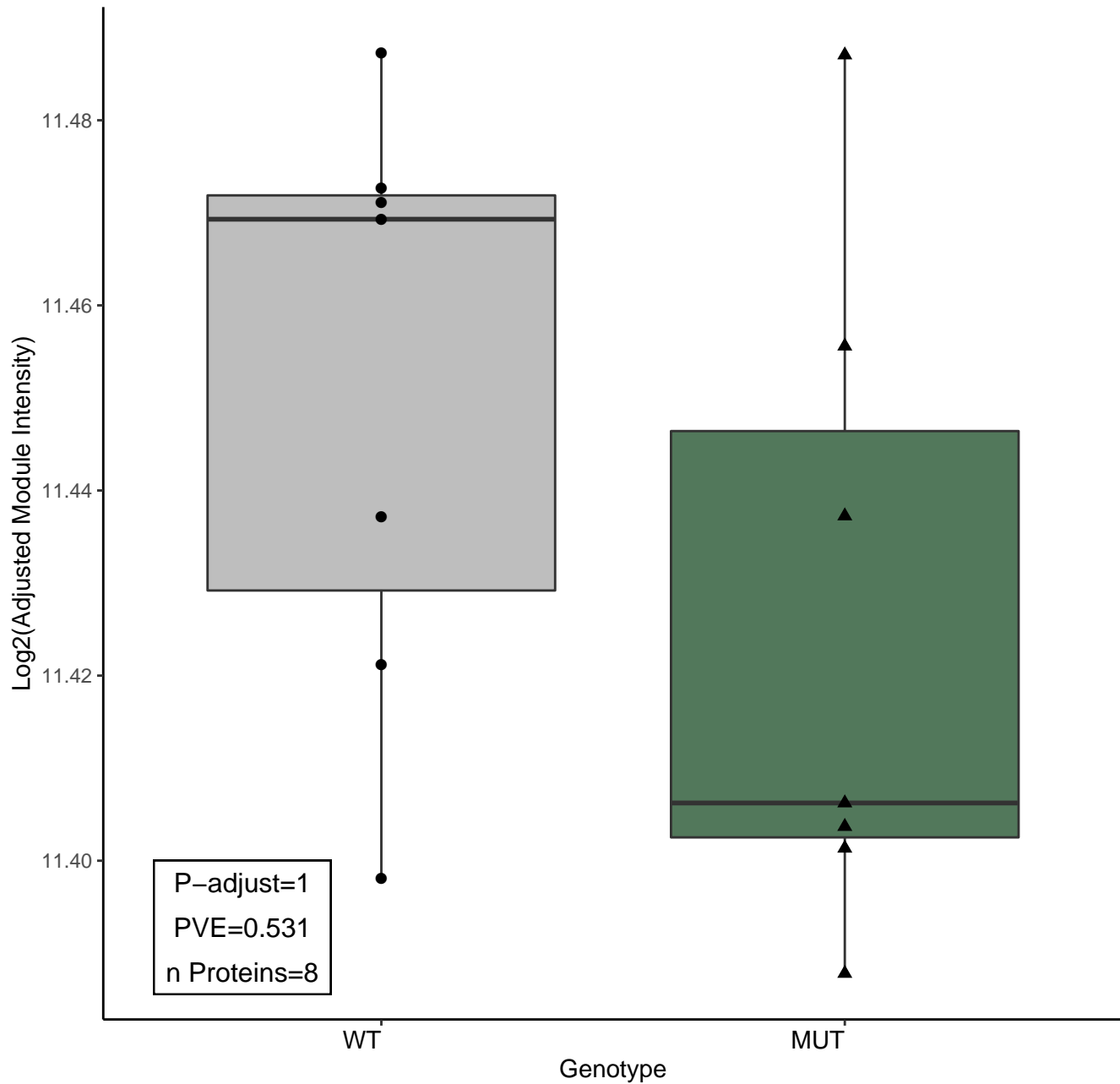
M147



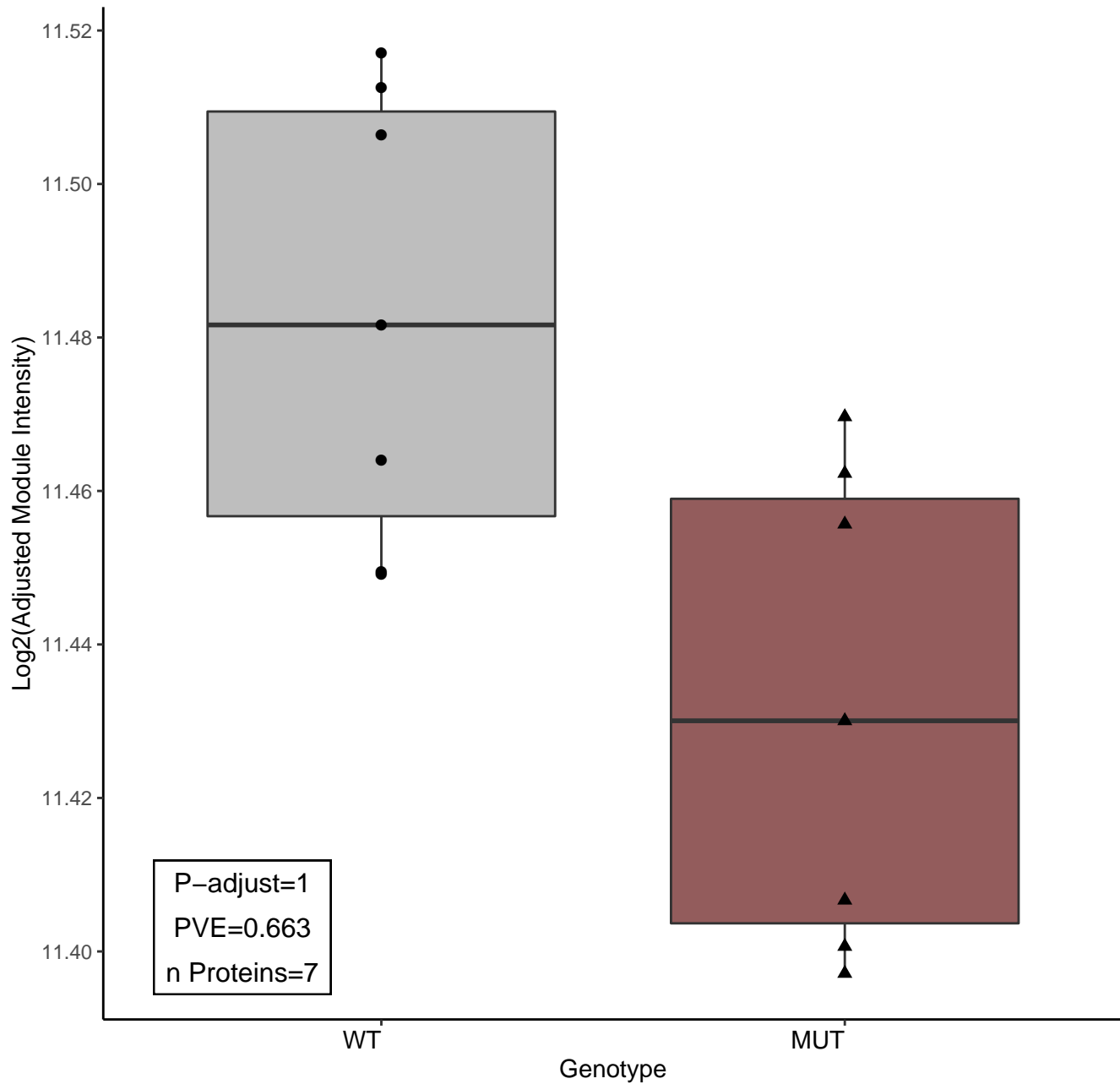
M148



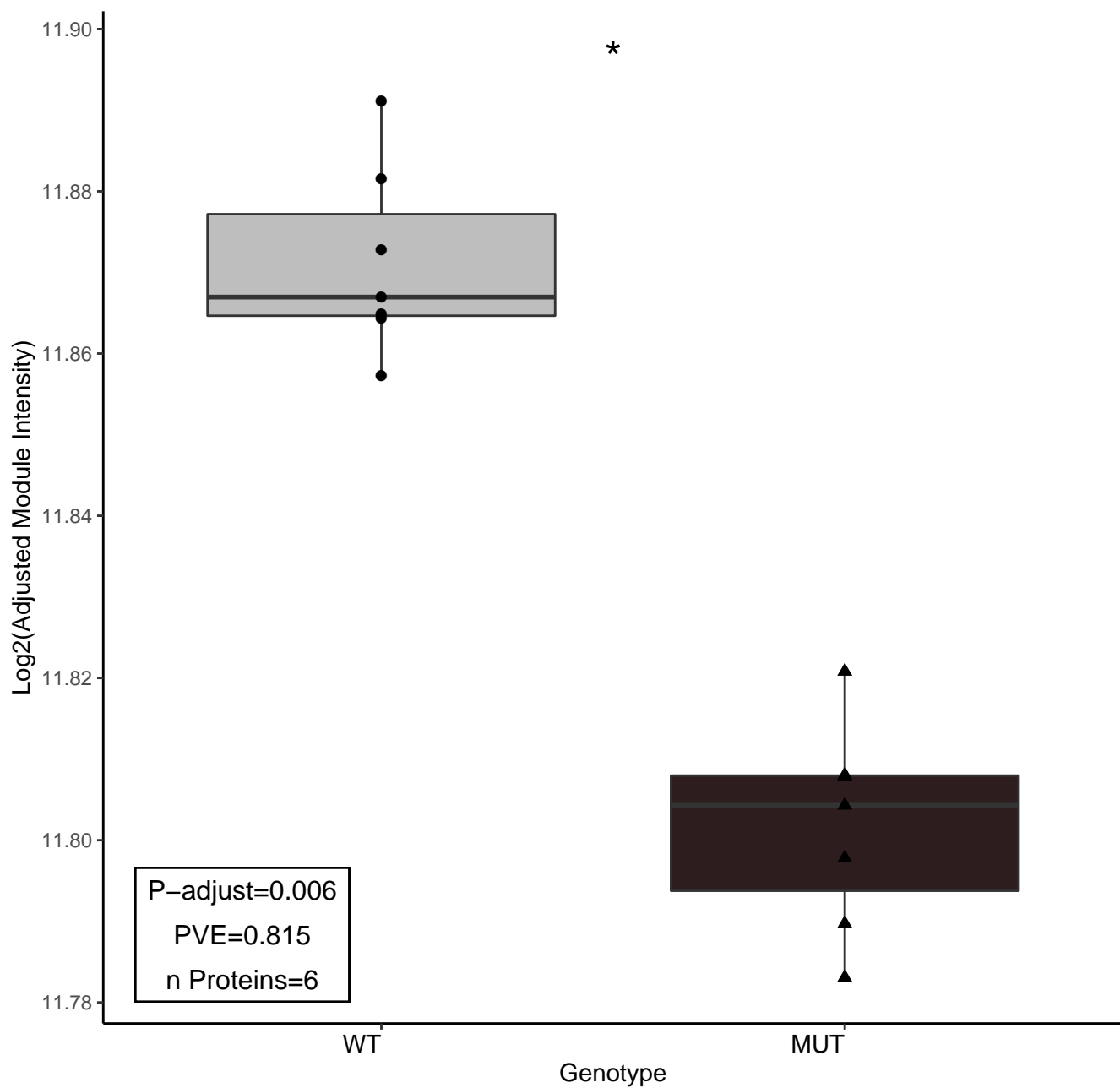
M149



M150



M151



M152

Log2(Adjusted Module Intensity)

12.82

12.80

12.78

12.76

WT

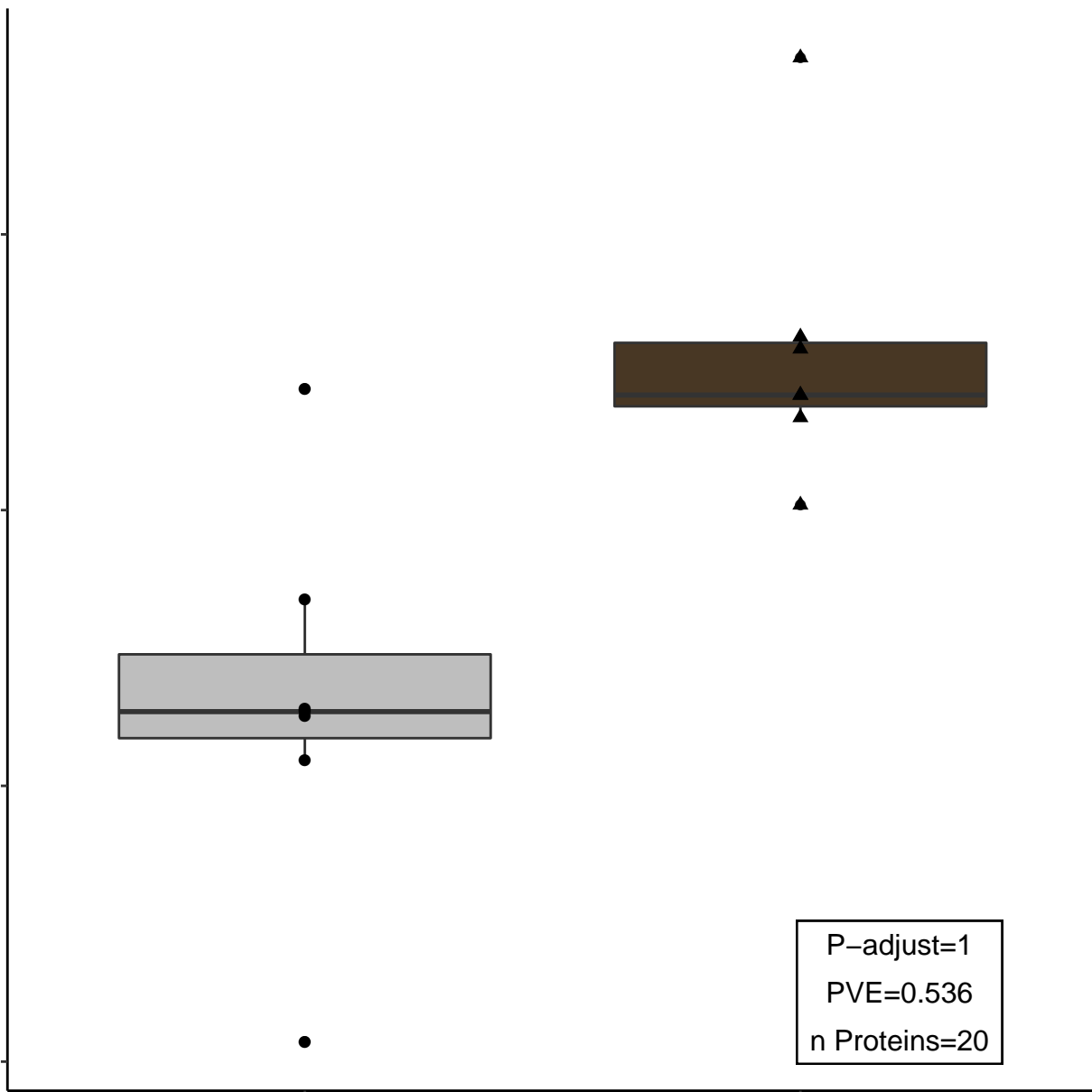
MUT

Genotype

P-adjust=1

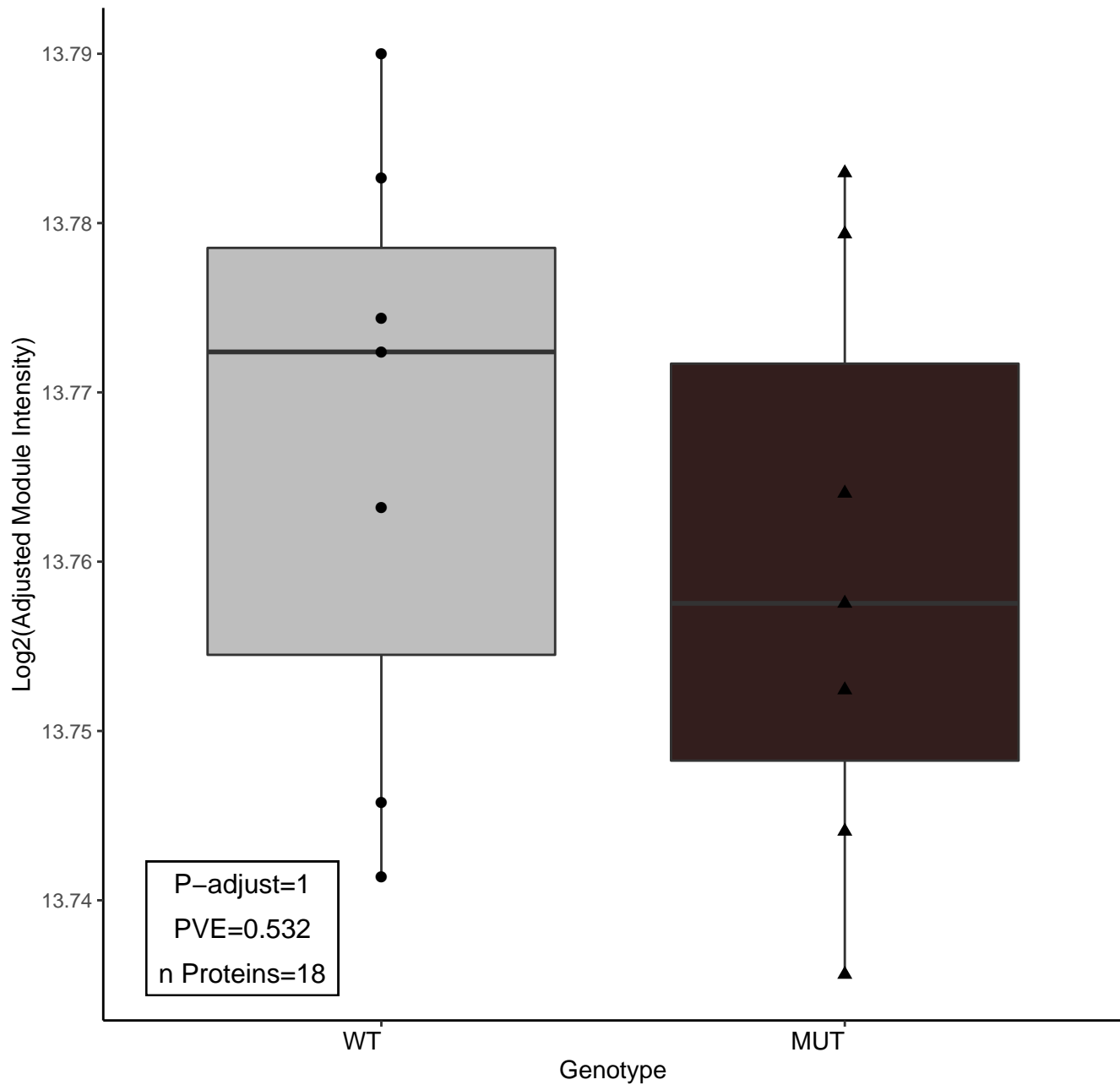
PVE=0.536

n Proteins=20

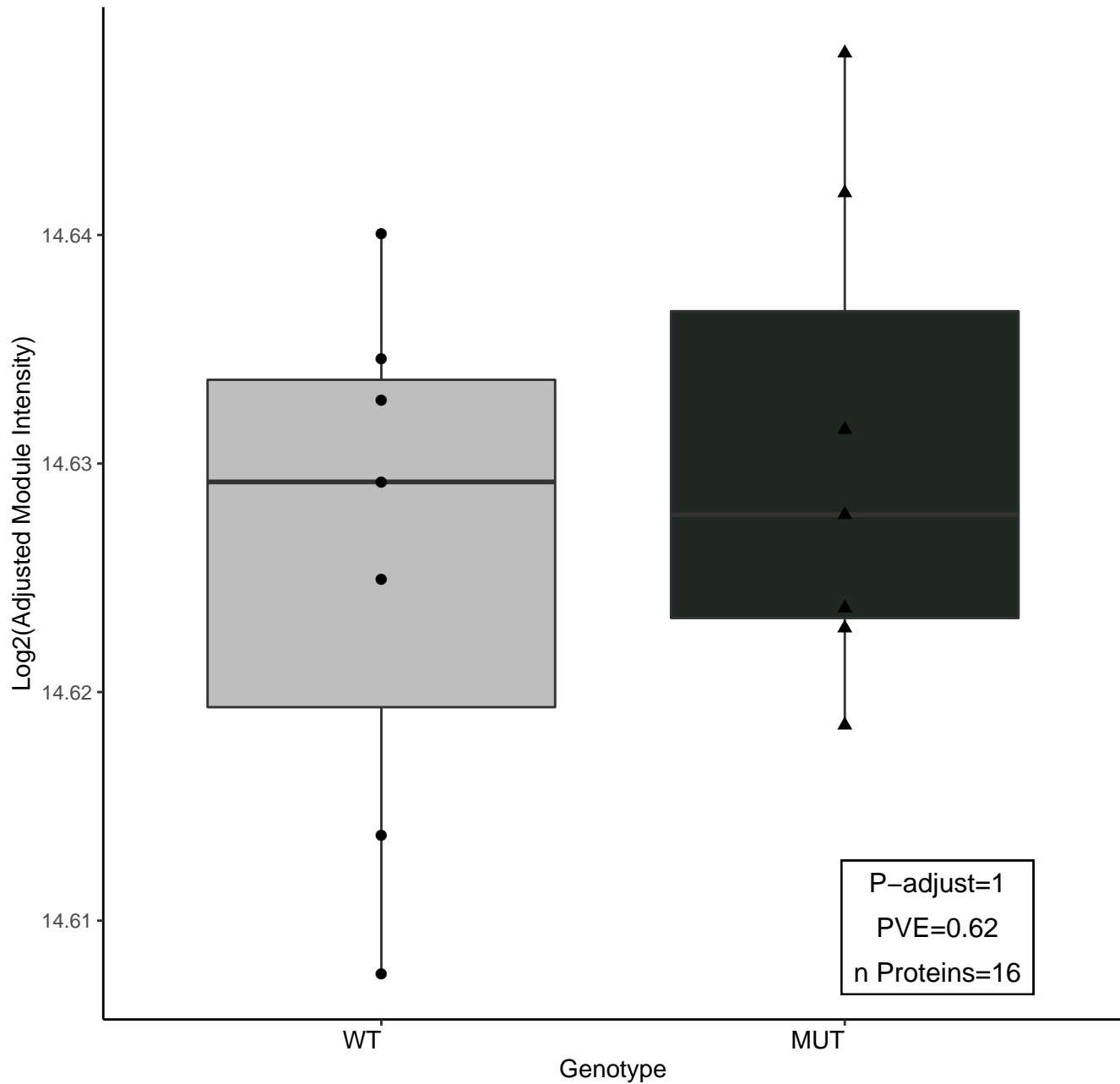




M153



M154



M155

Log2(Adjusted Module Intensity)

13.35

13.30

13.25

WT

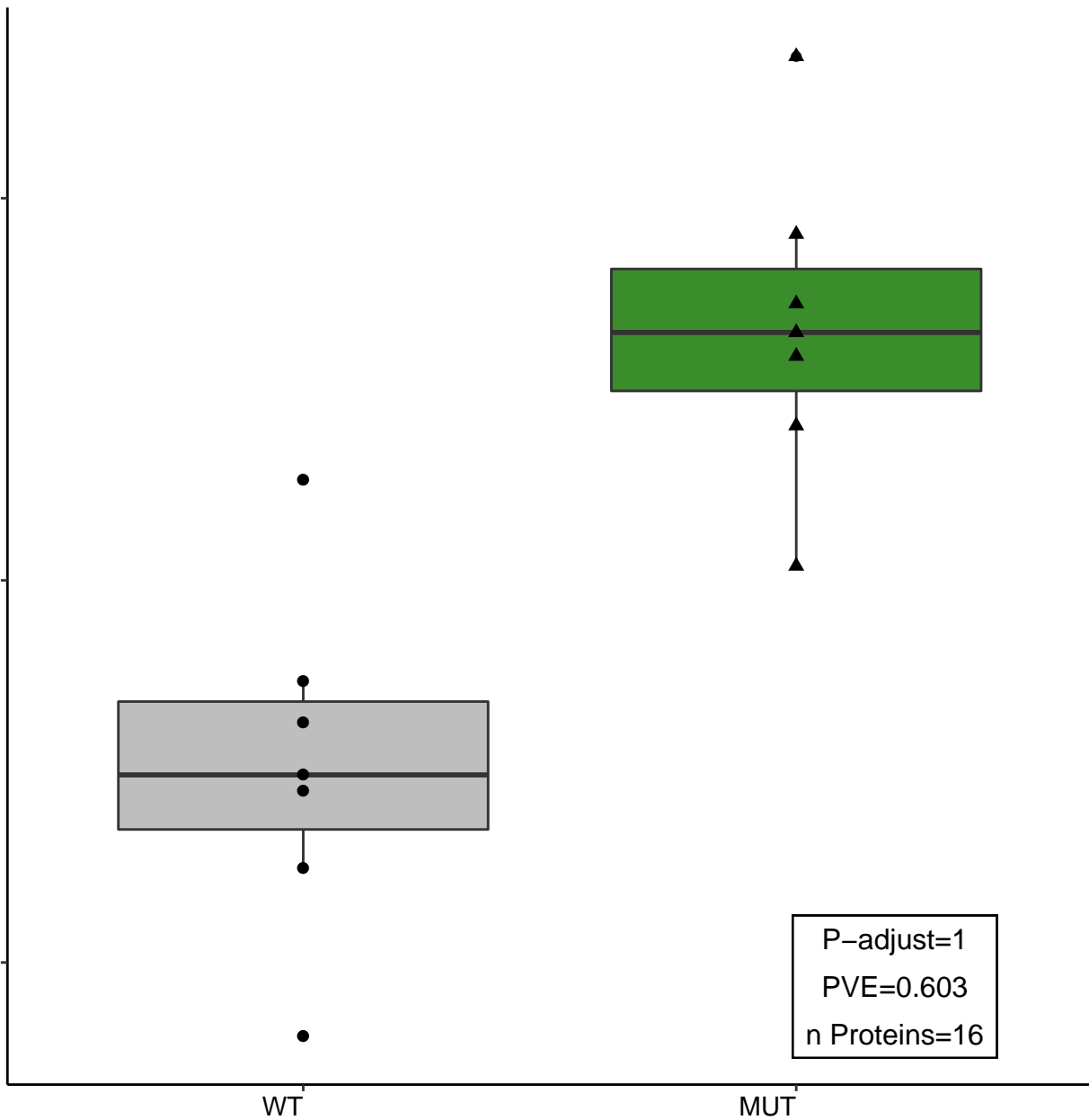
MUT

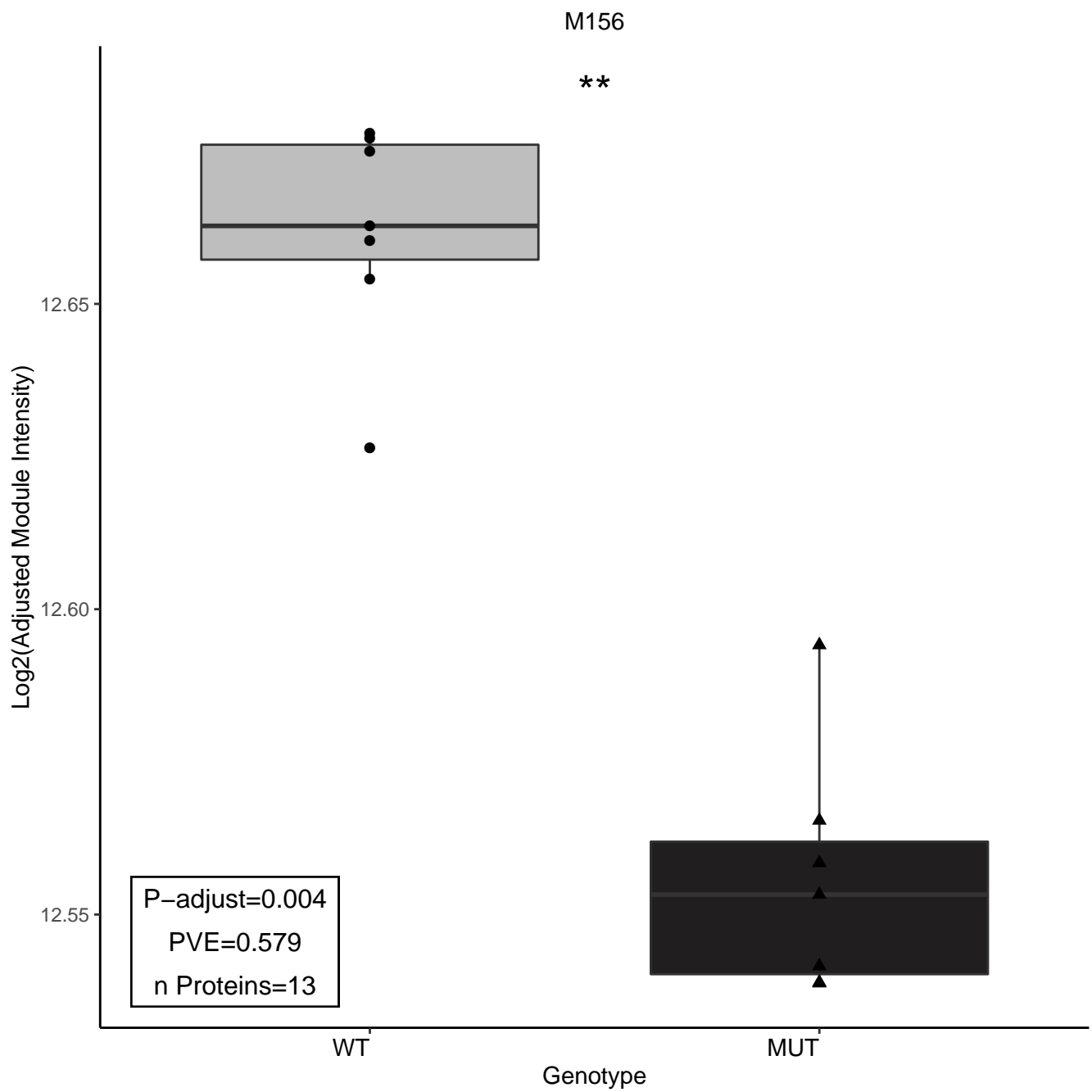
Genotype

P-adjust=1

PVE=0.603

n Proteins=16





M157

Log2(Adjusted Module Intensity)

10.95

10.90

10.85

10.80

WT

Genotype

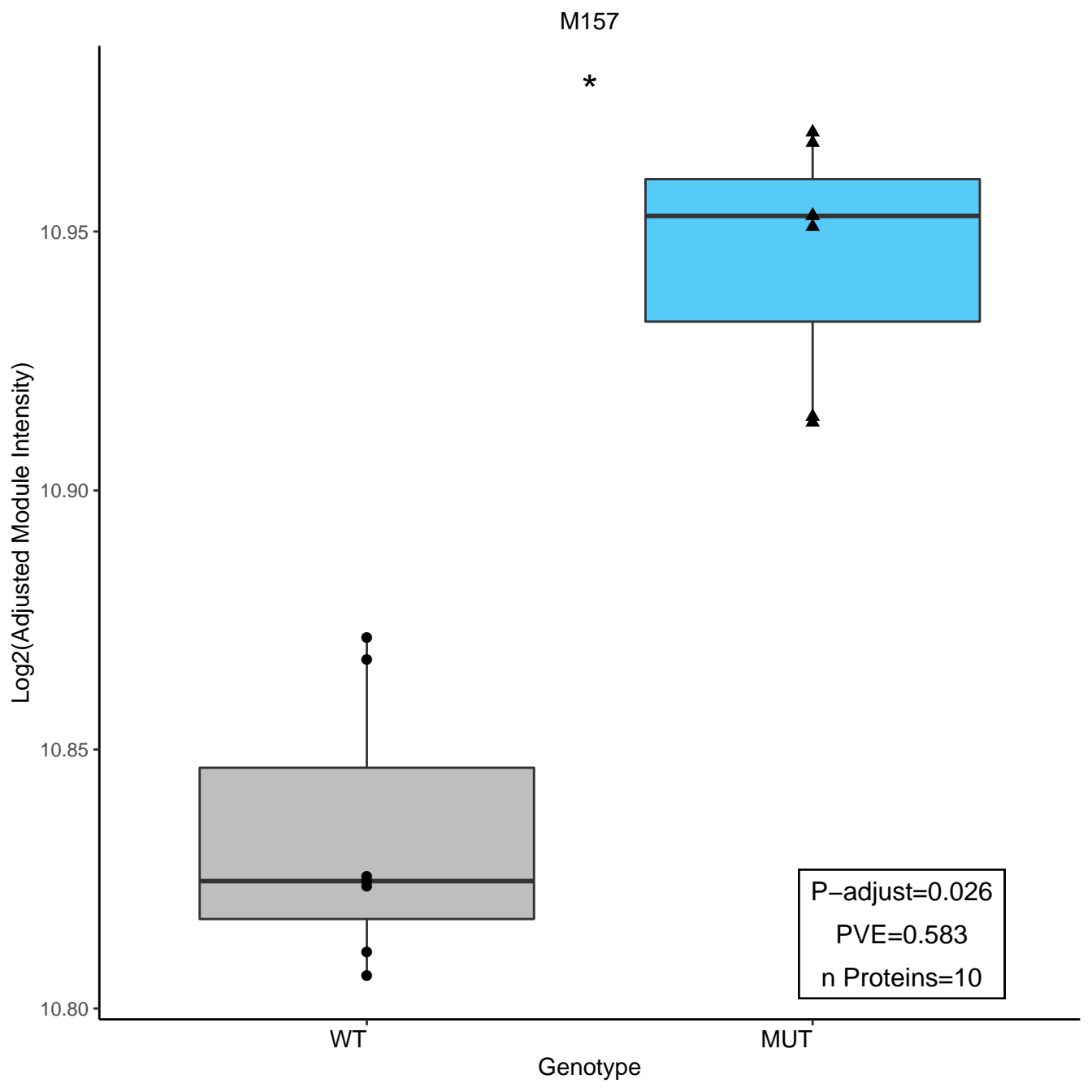
MUT

P-adjust=0.026

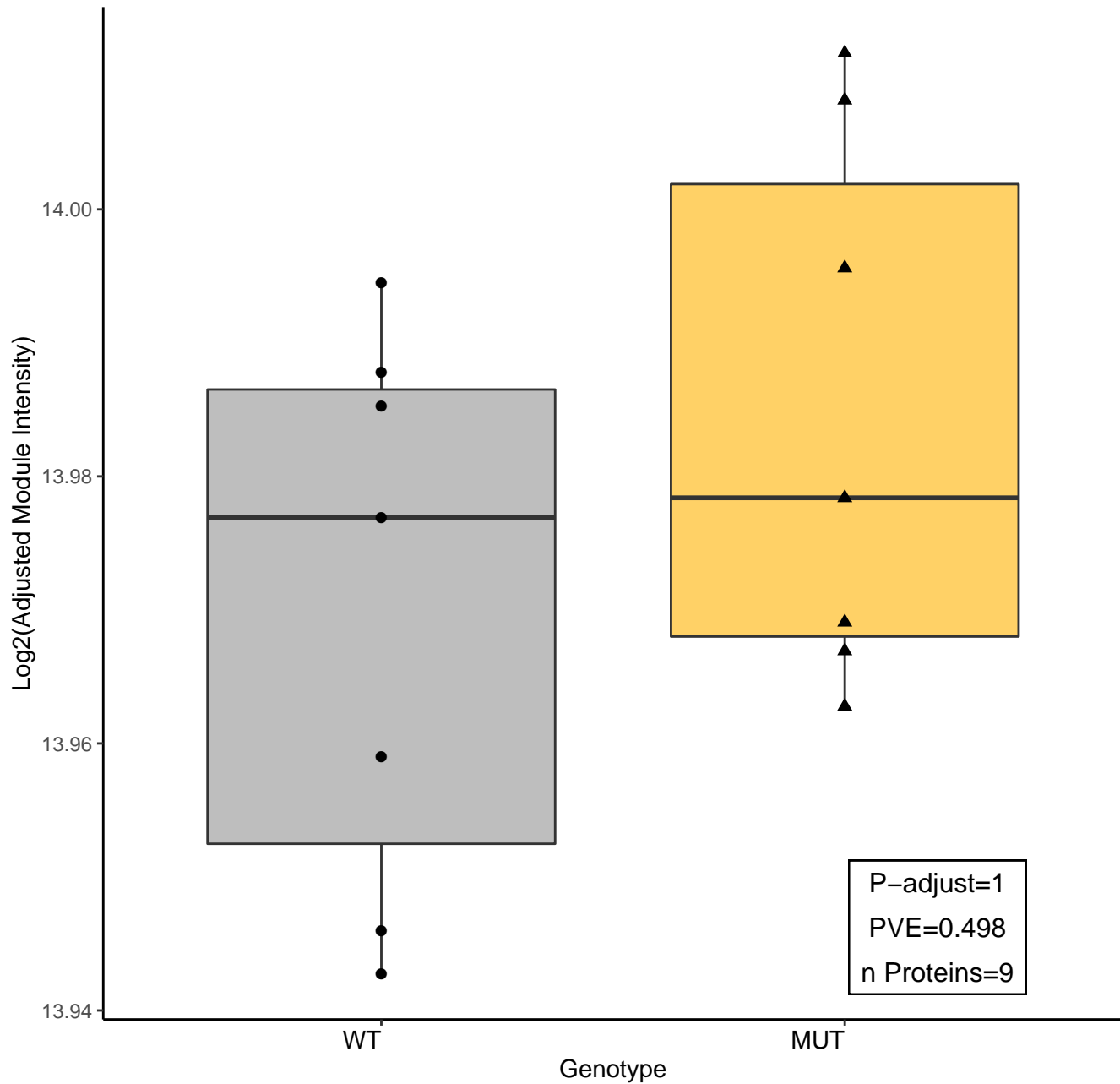
PVE=0.583

n Proteins=10

\*



M158



M159

Log2(Adjusted Module Intensity)

11.30

11.28

11.26

11.24

11.22

11.20

P-adjust=0.679

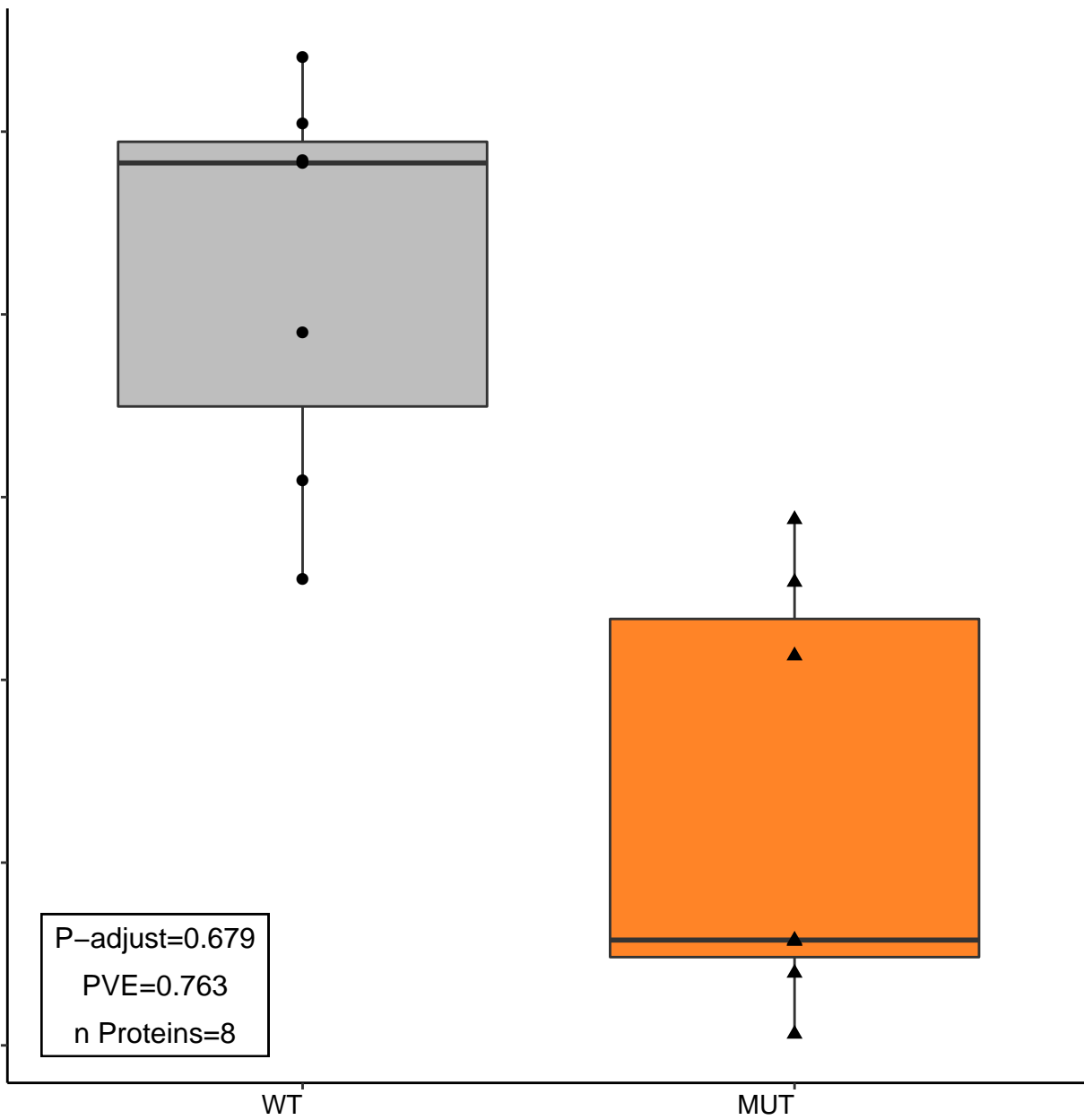
PVE=0.763

n Proteins=8

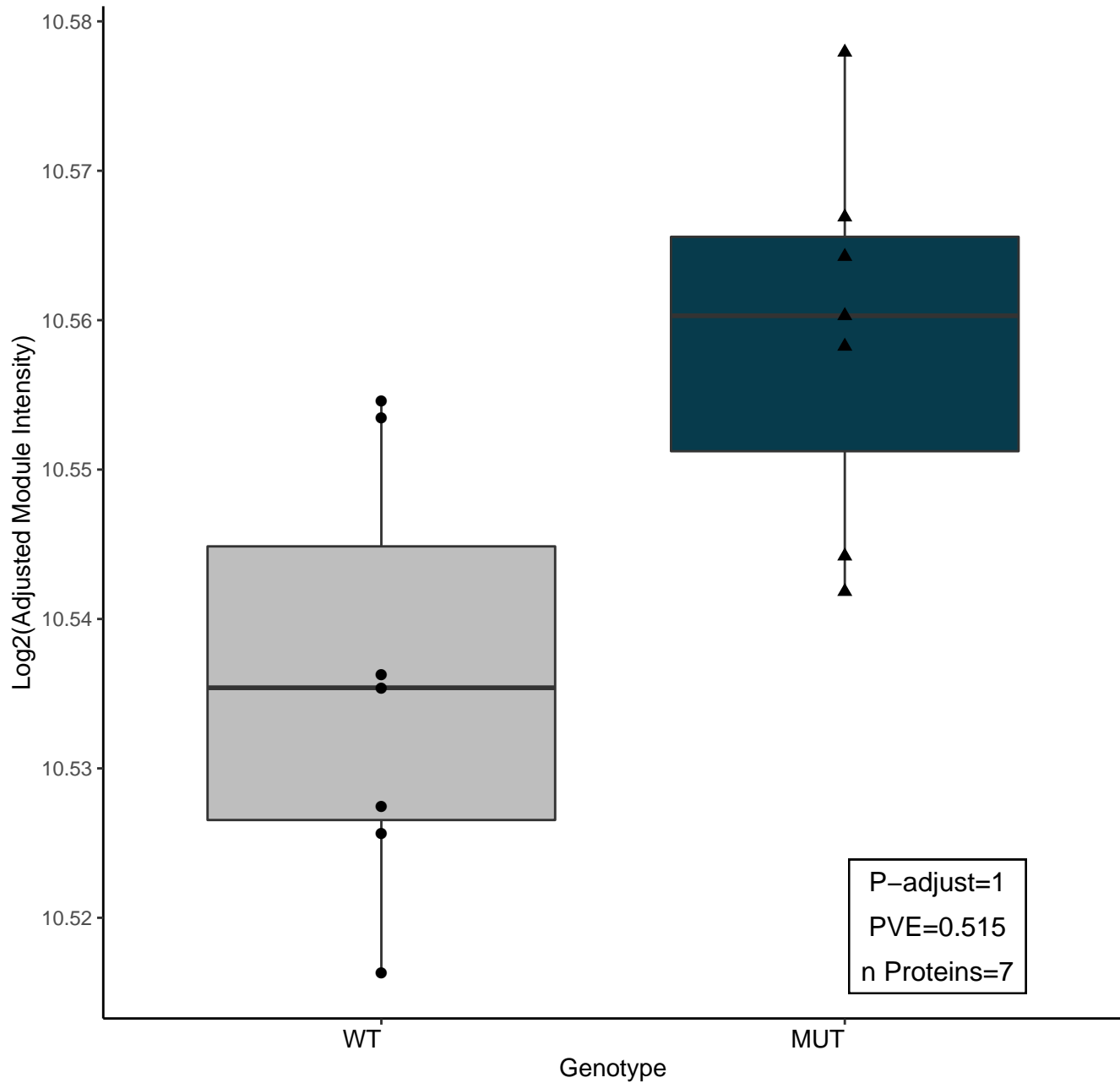
WT

Genotype

MUT



M160





M161

Log2(Adjusted Module Intensity)

14.46

14.44

14.42

14.40

WT

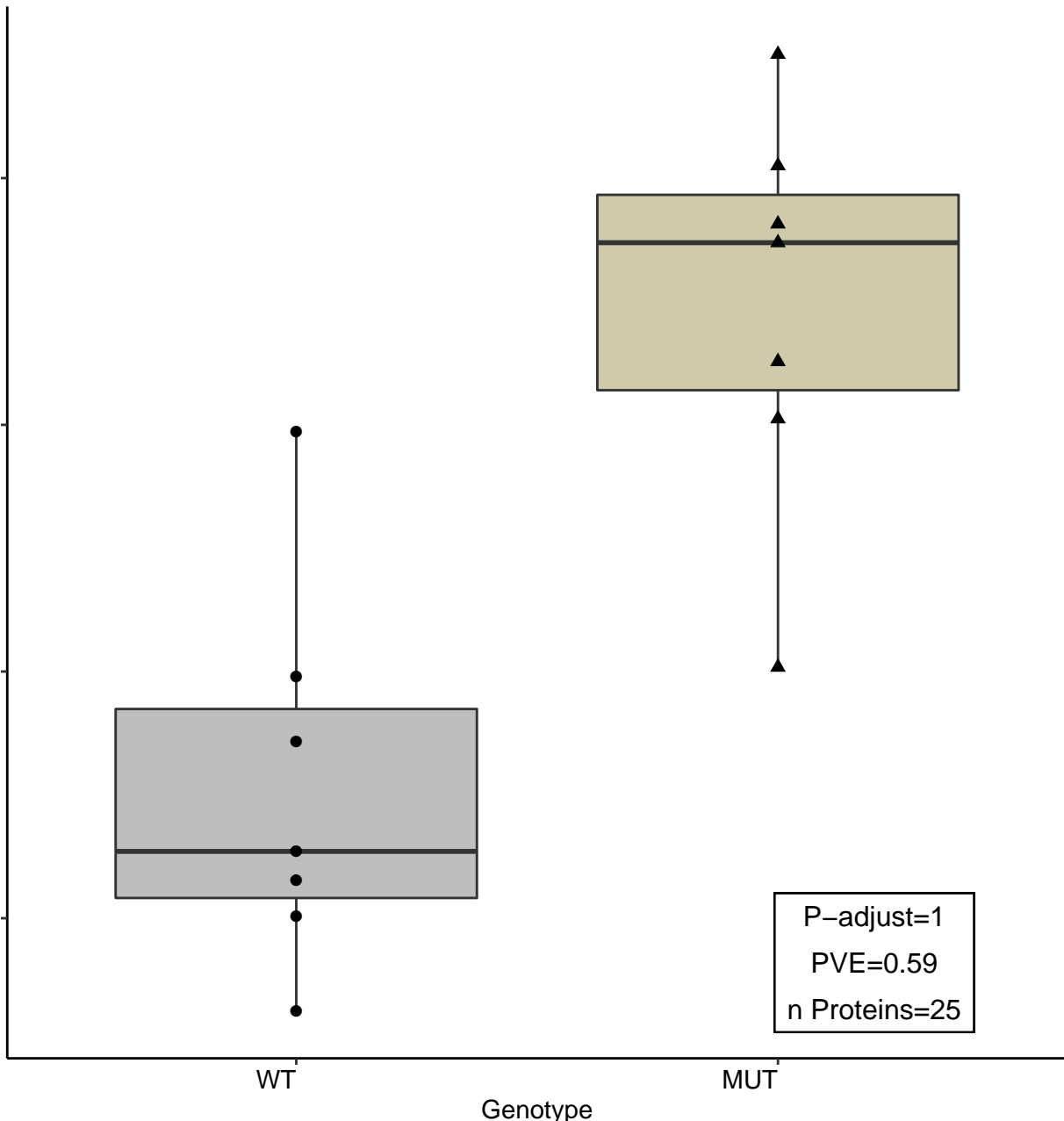
Genotype

MUT

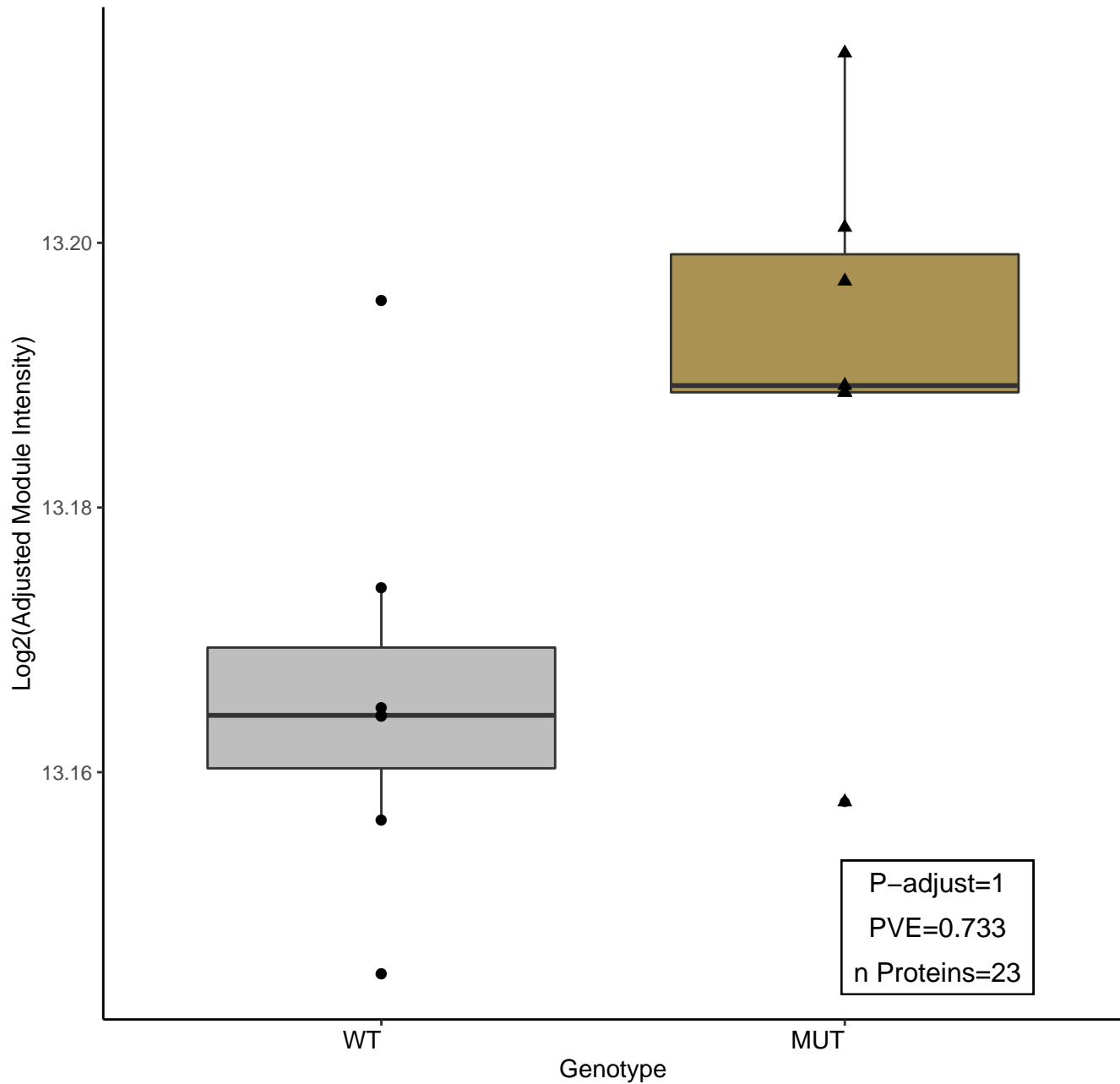
P-adjust=1

PVE=0.59

n Proteins=25



M162



M163

Log2(Adjusted Module Intensity)

13.74

13.72

13.70

WT

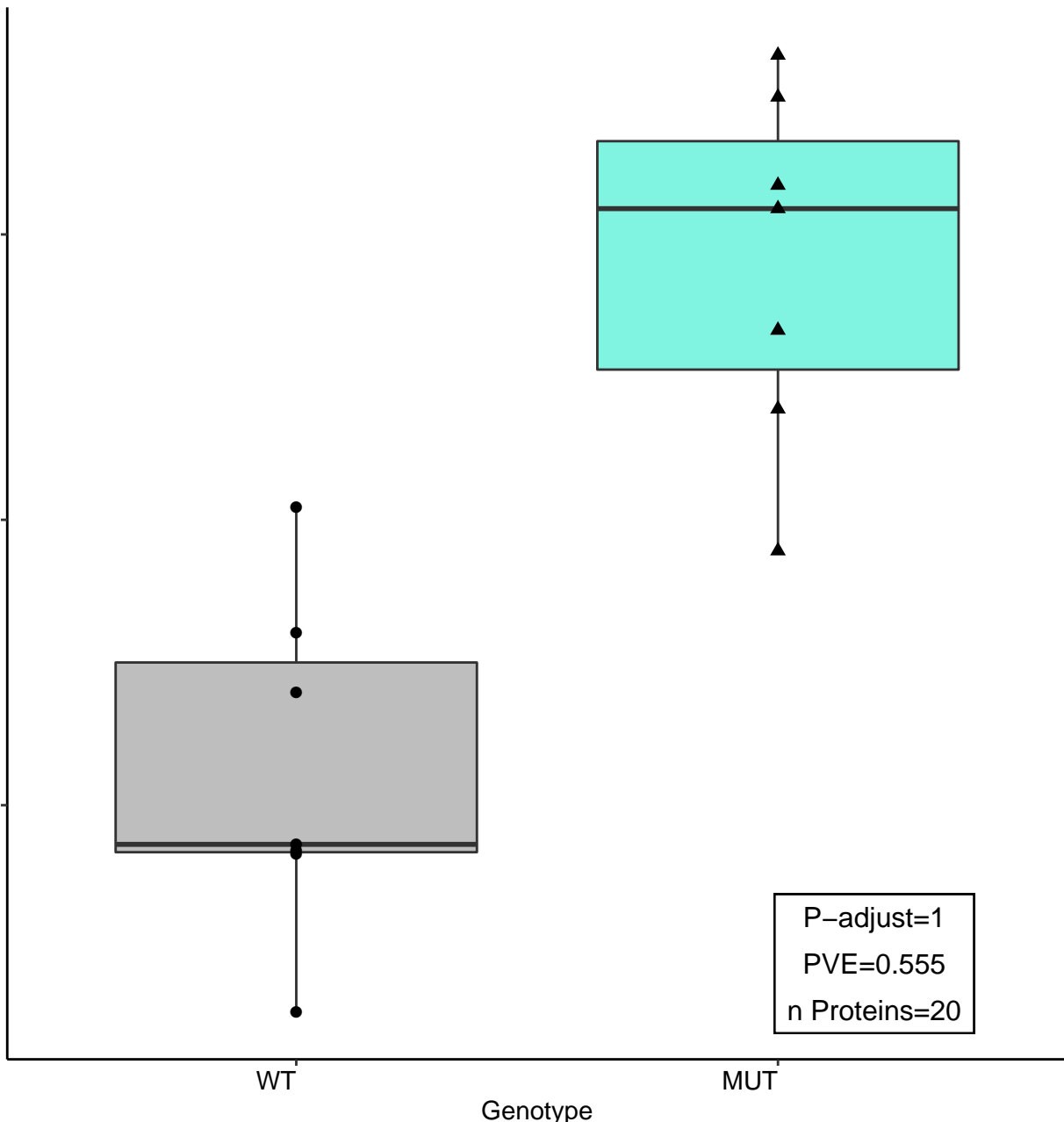
Genotype

MUT

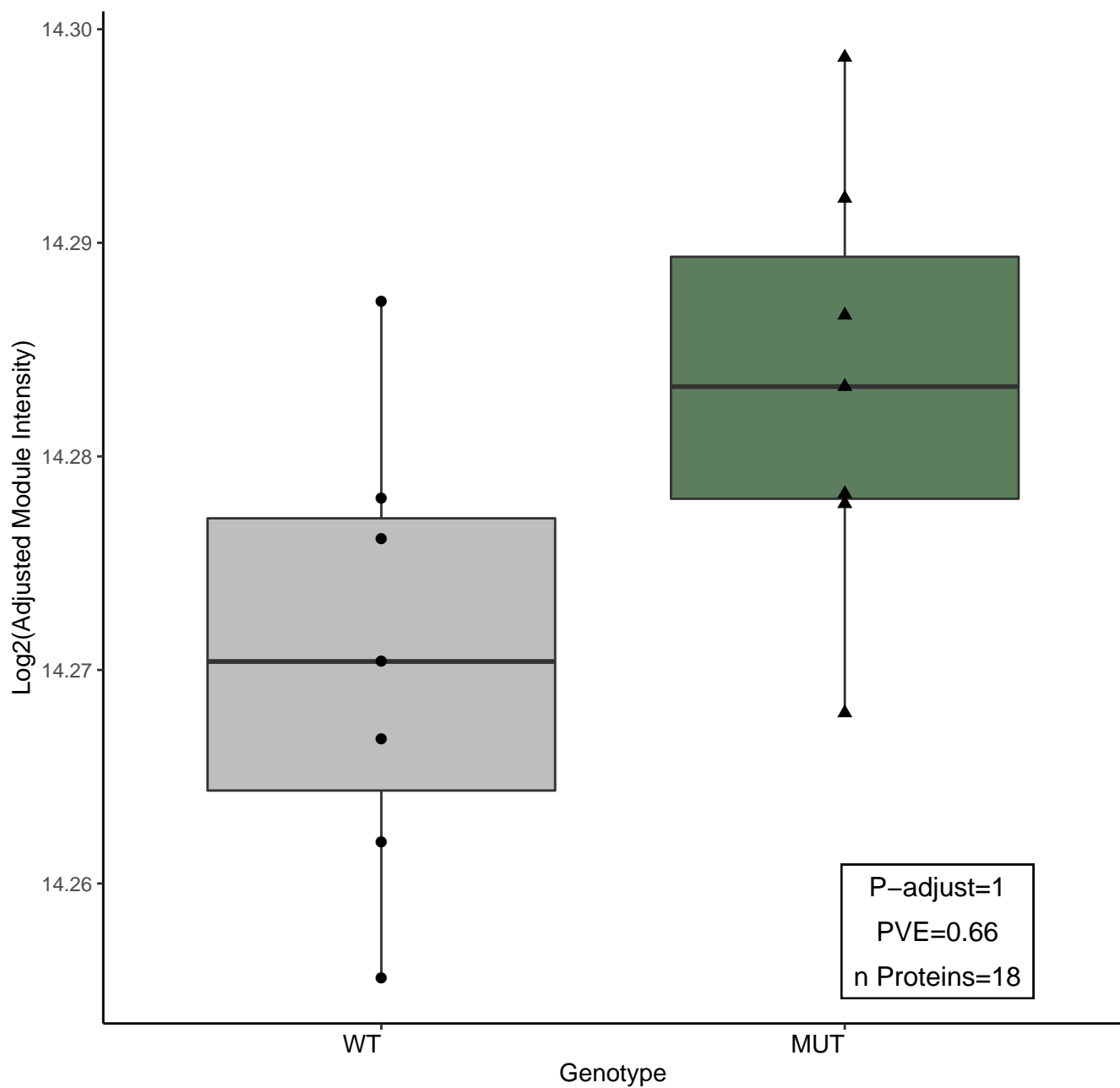
P-adjust=1

PVE=0.555

n Proteins=20



M164



M165

Log2(Adjusted Module Intensity)

13.93

13.92

13.91

13.90

WT

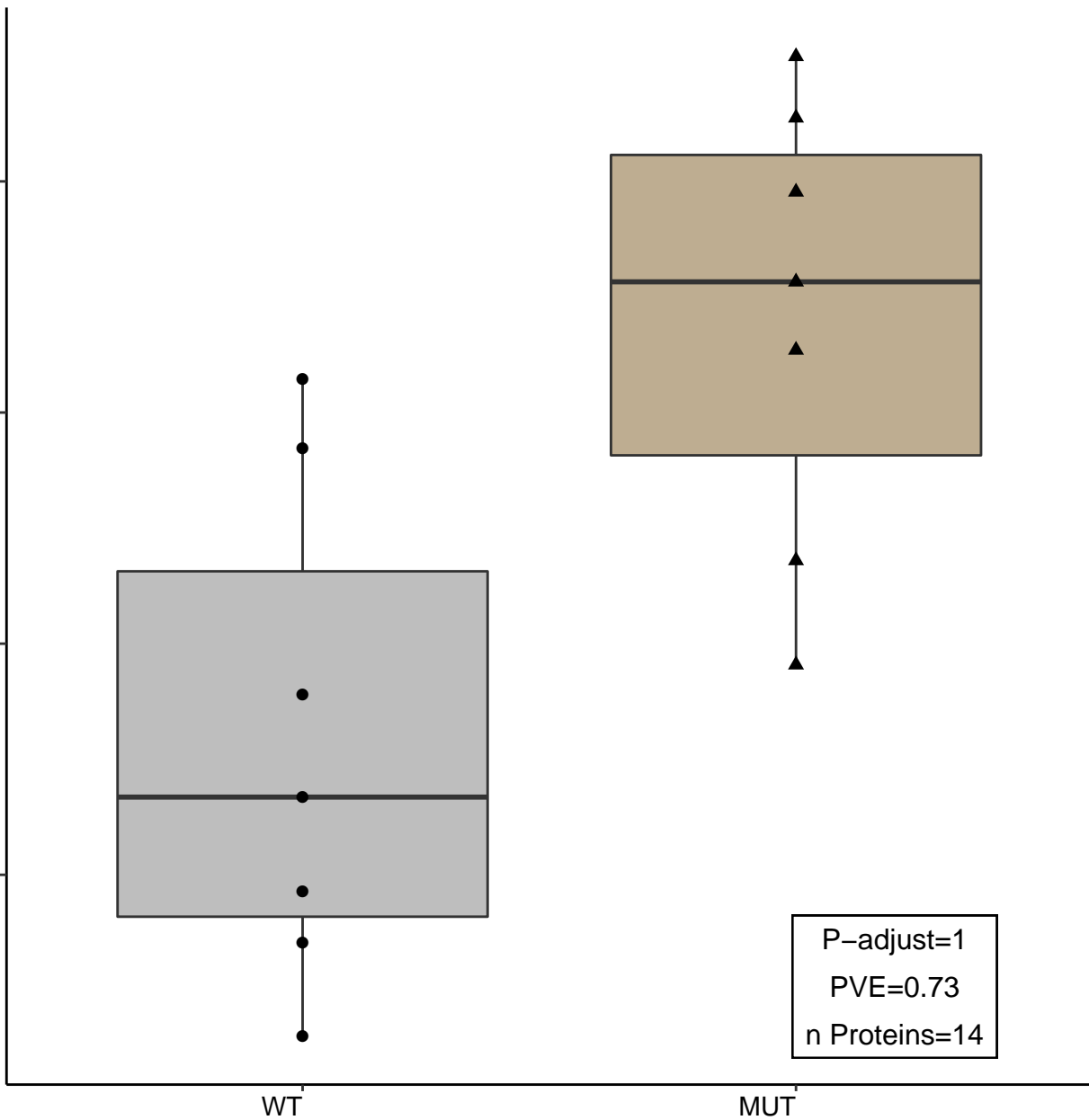
Genotype

MUT

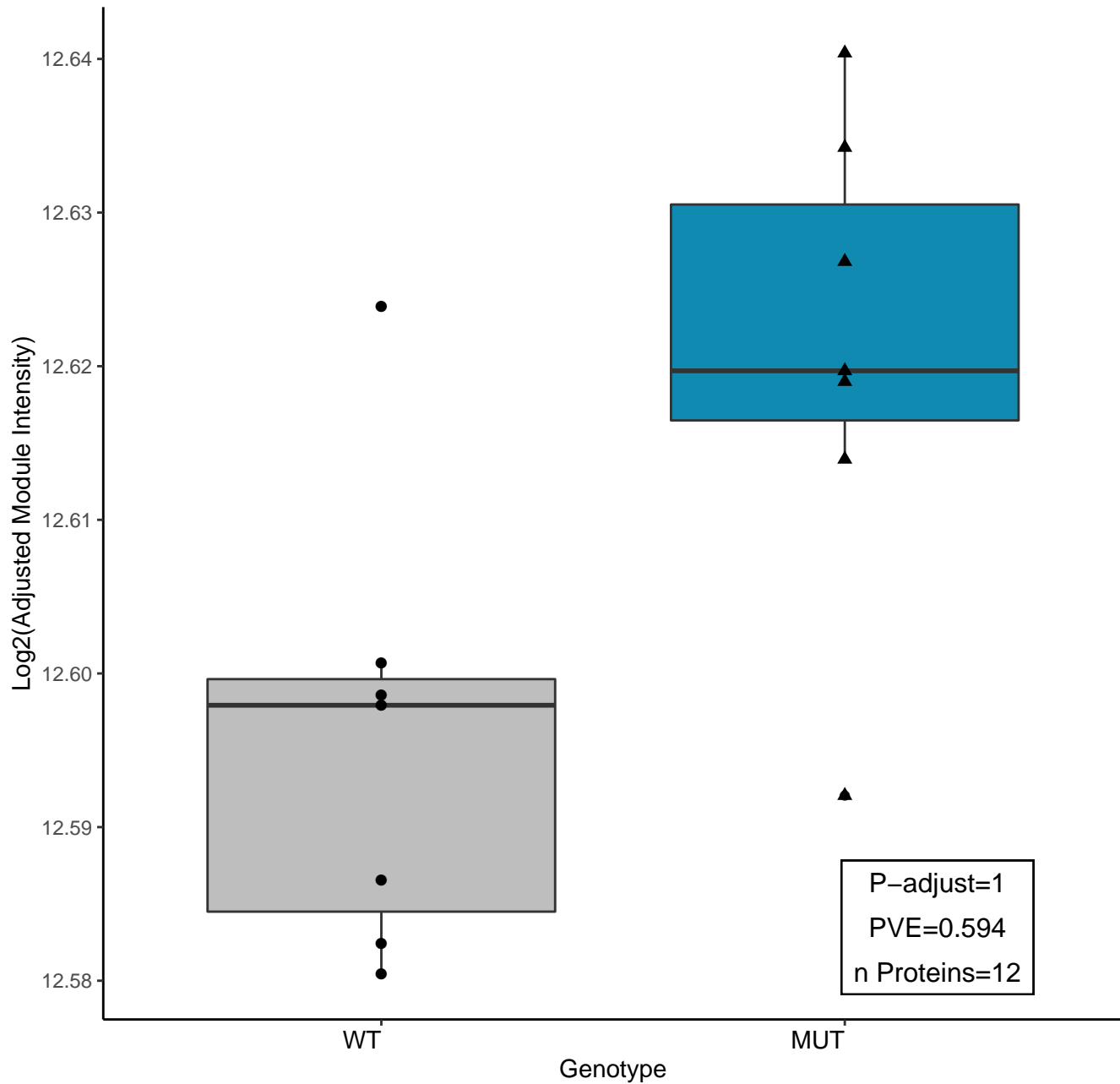
P-adjust=1

PVE=0.73

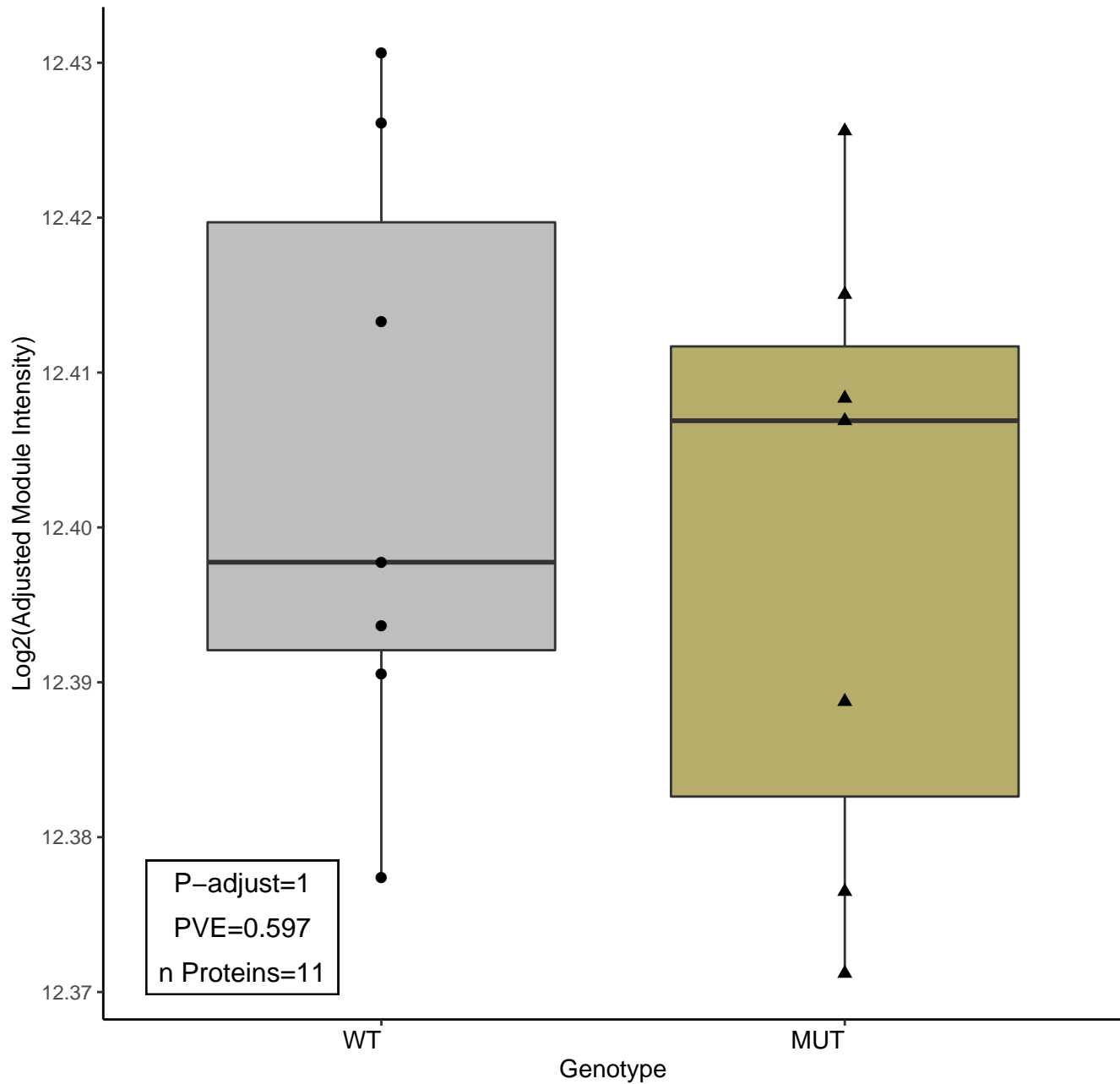
n Proteins=14



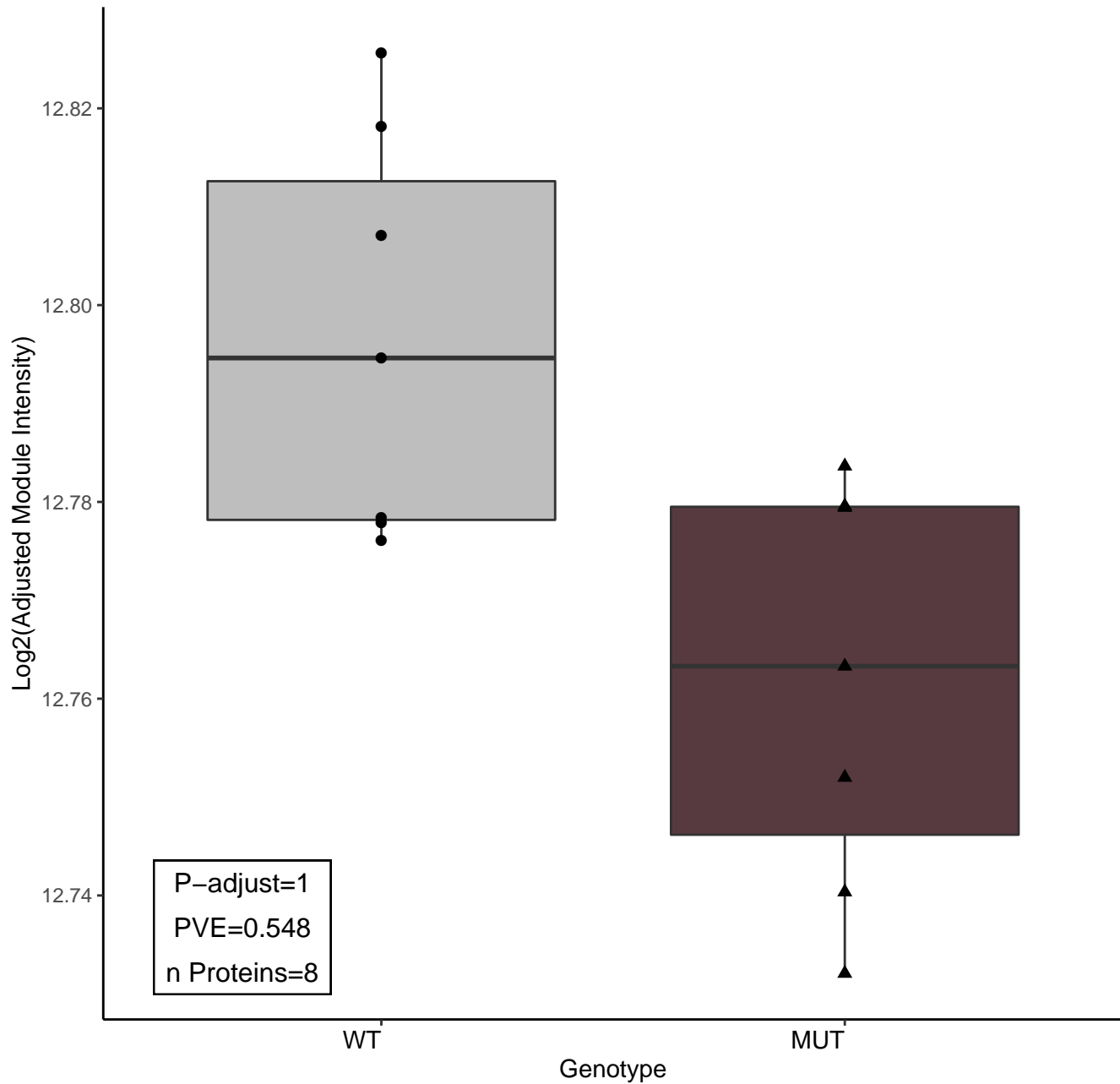
M166



M167

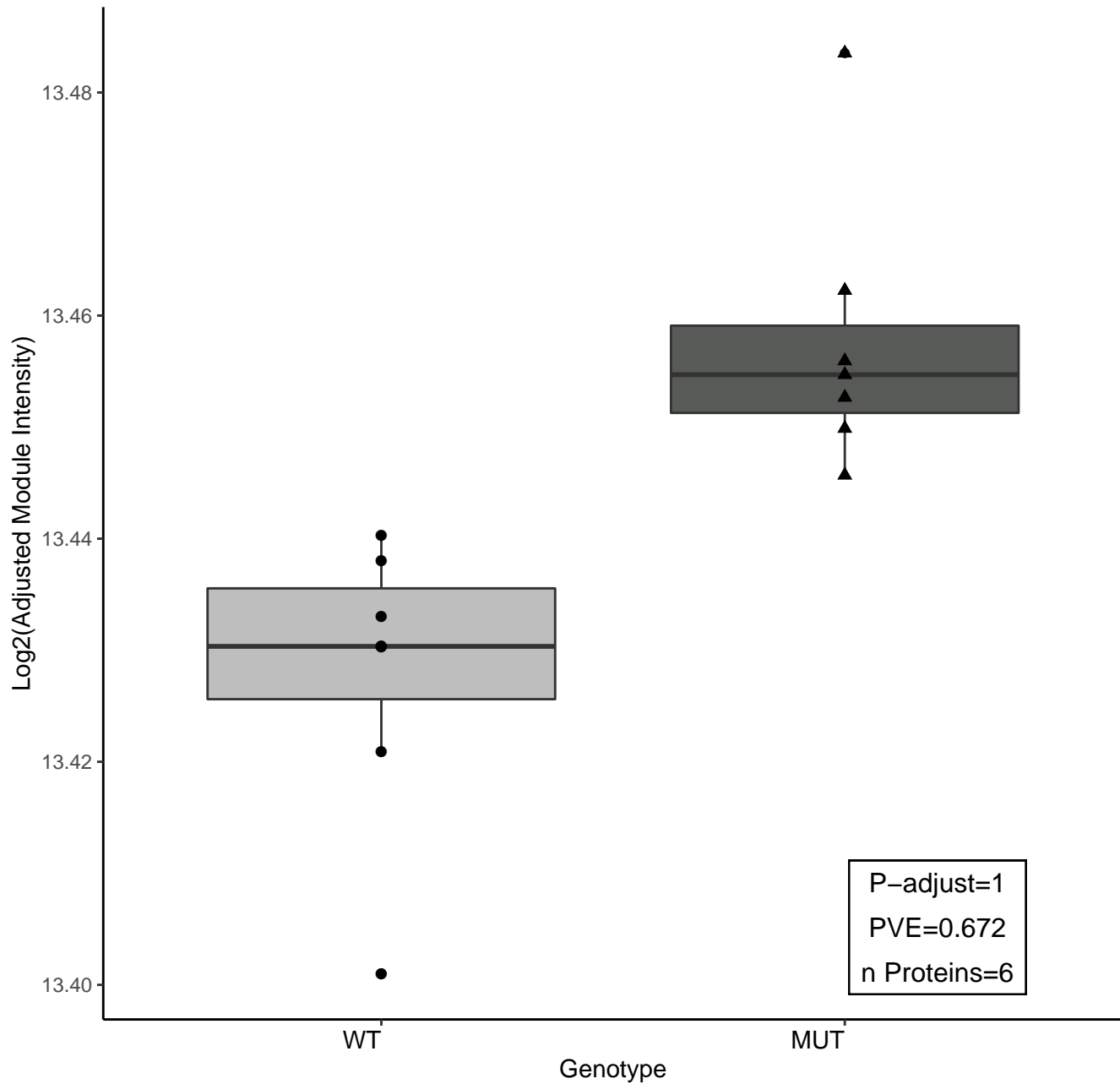


M168





M169



M170

Log2(Adjusted Module Intensity)

11.44  
11.43  
11.42  
11.41  
11.40

WT

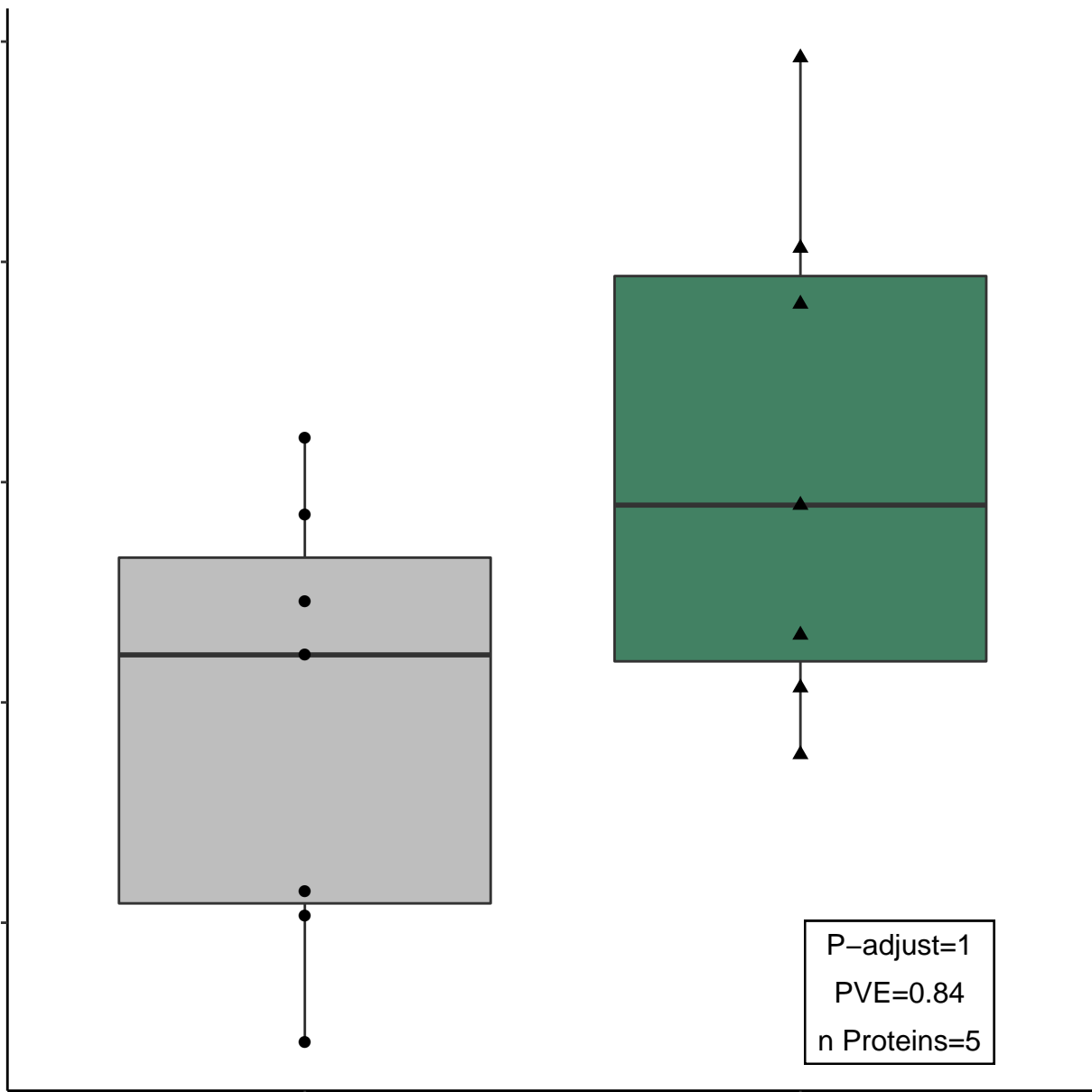
MUT

Genotype

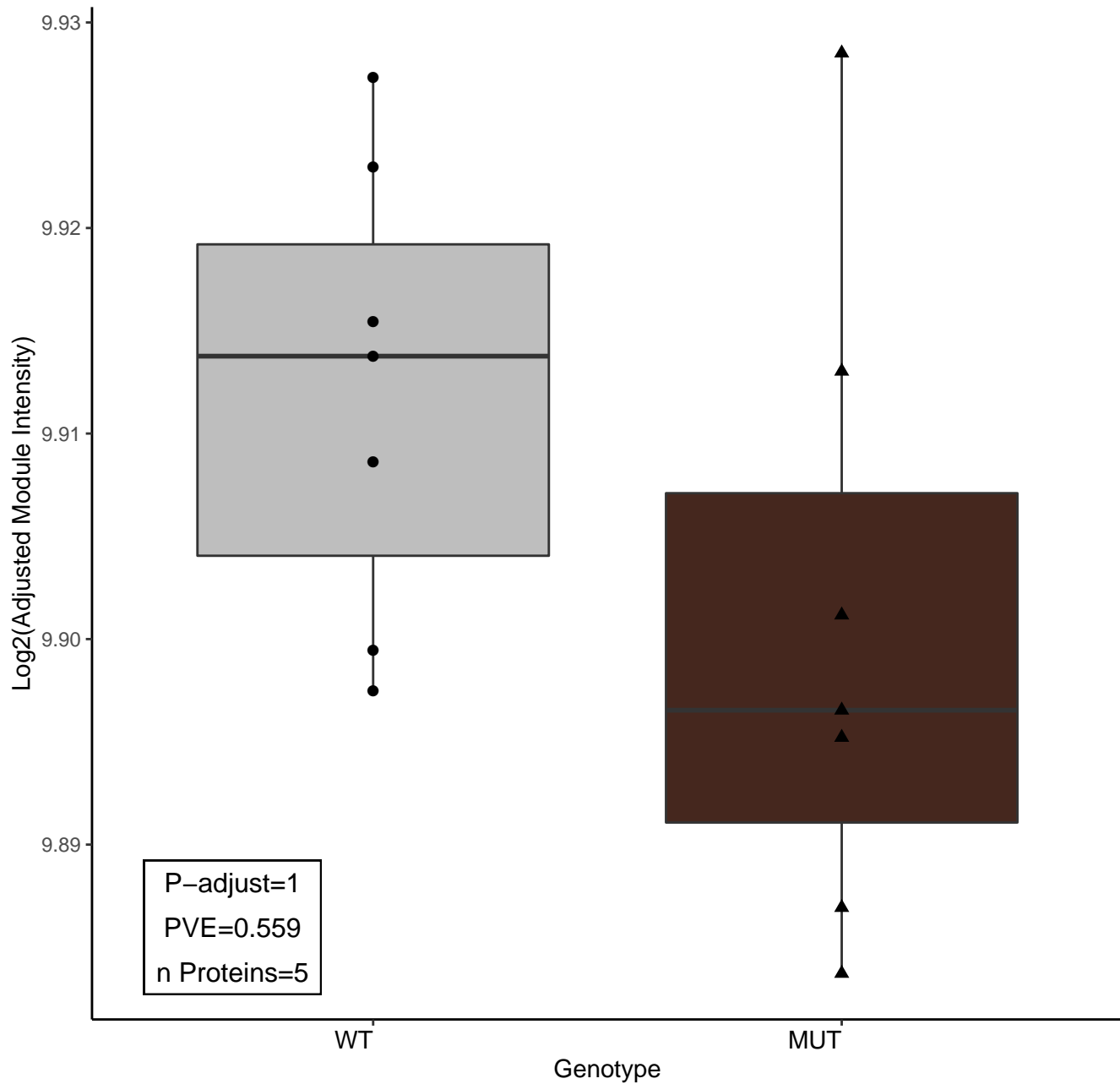
P-adjust=1

PVE=0.84

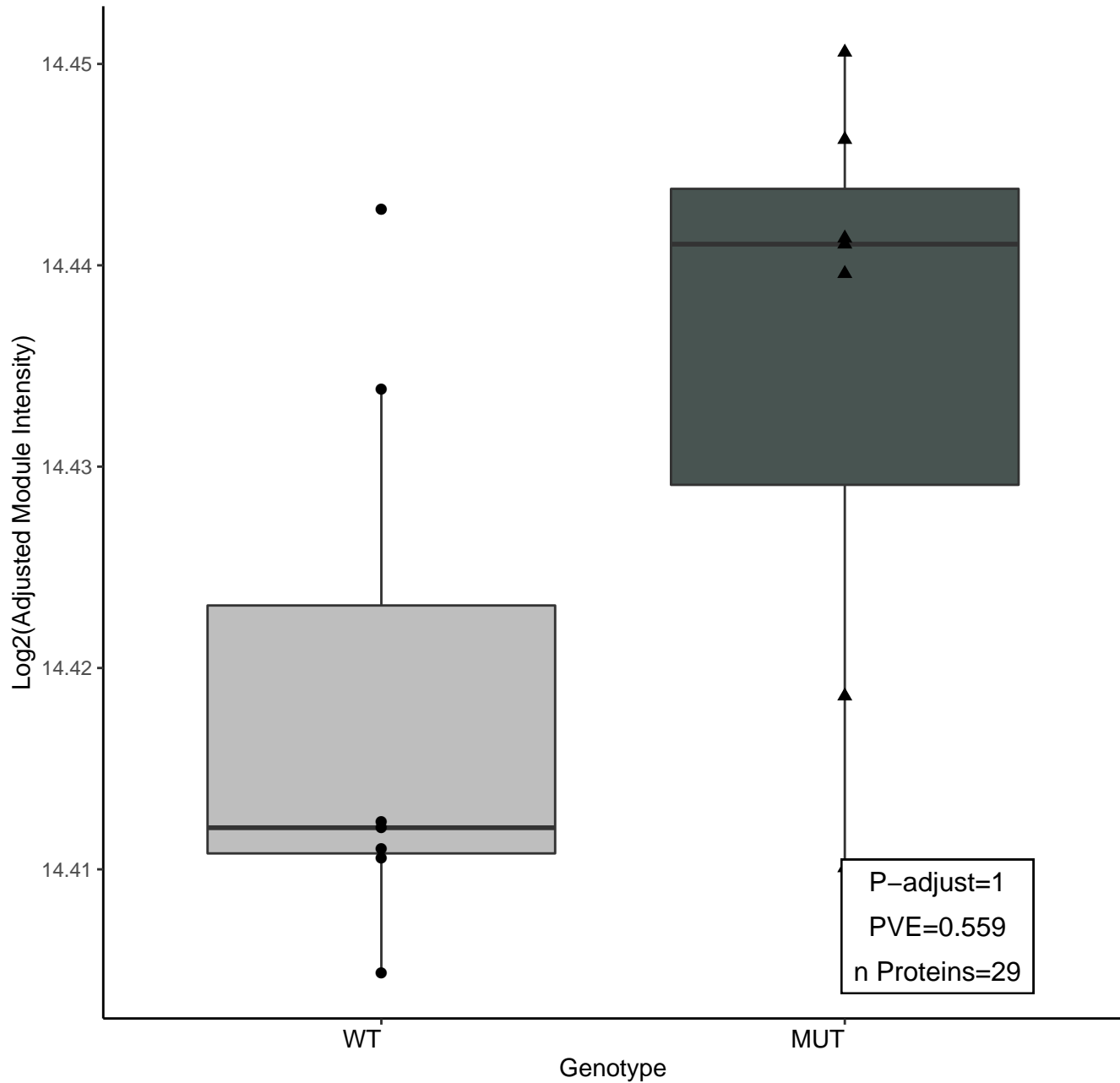
n Proteins=5



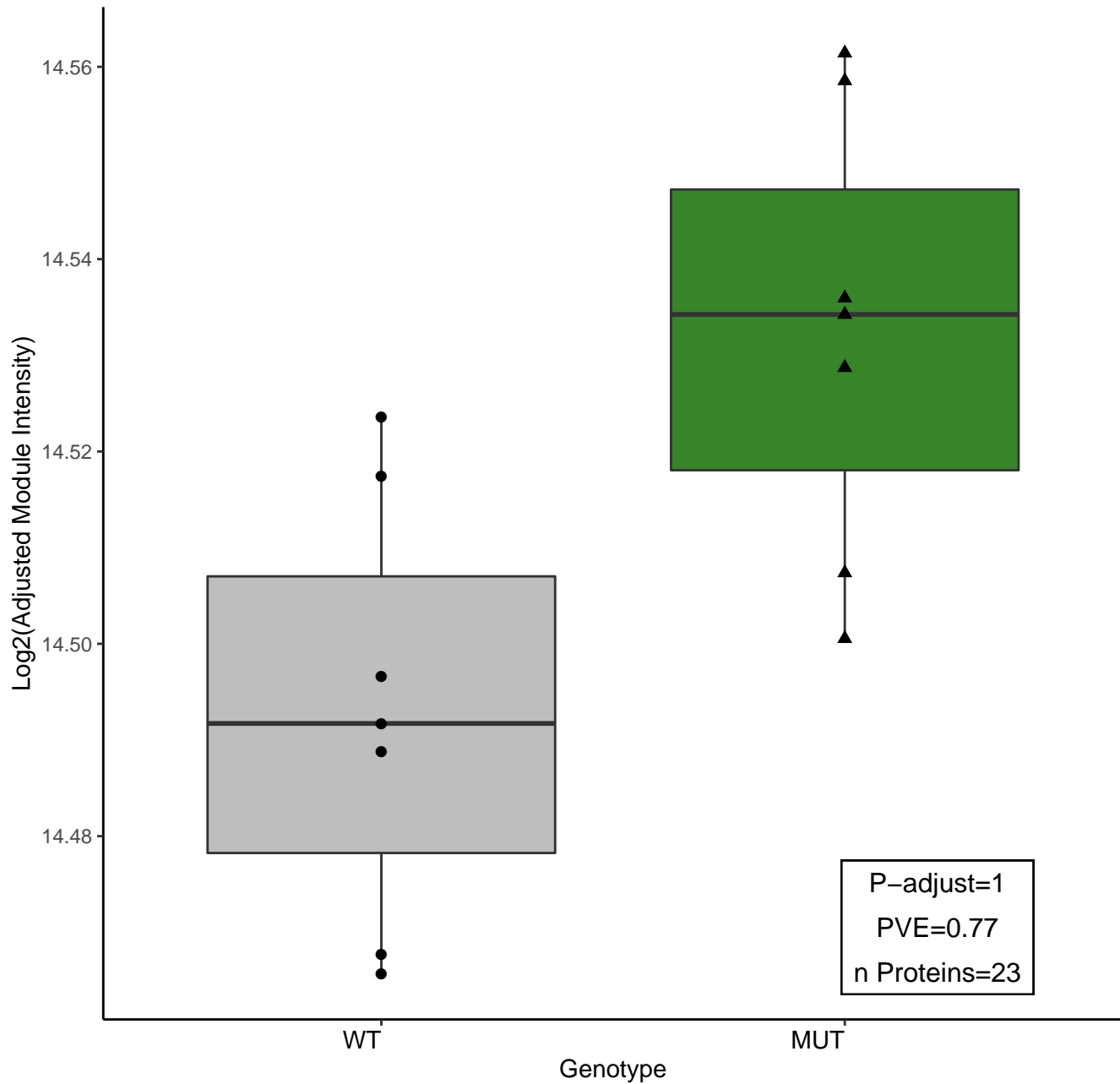
M171



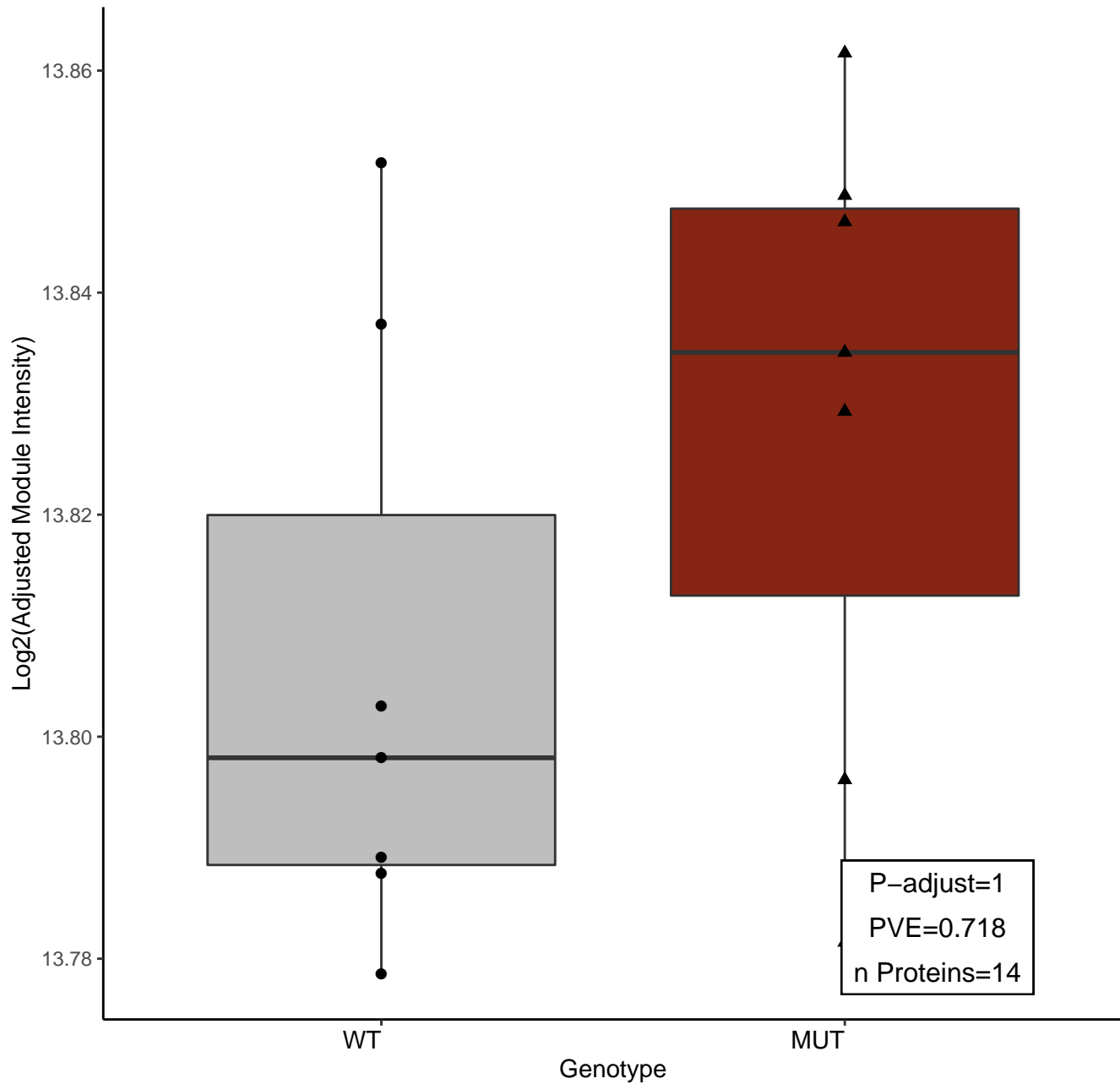
M172



M173



M174



M175

Log2(Adjusted Module Intensity)

12.80

12.78

12.76

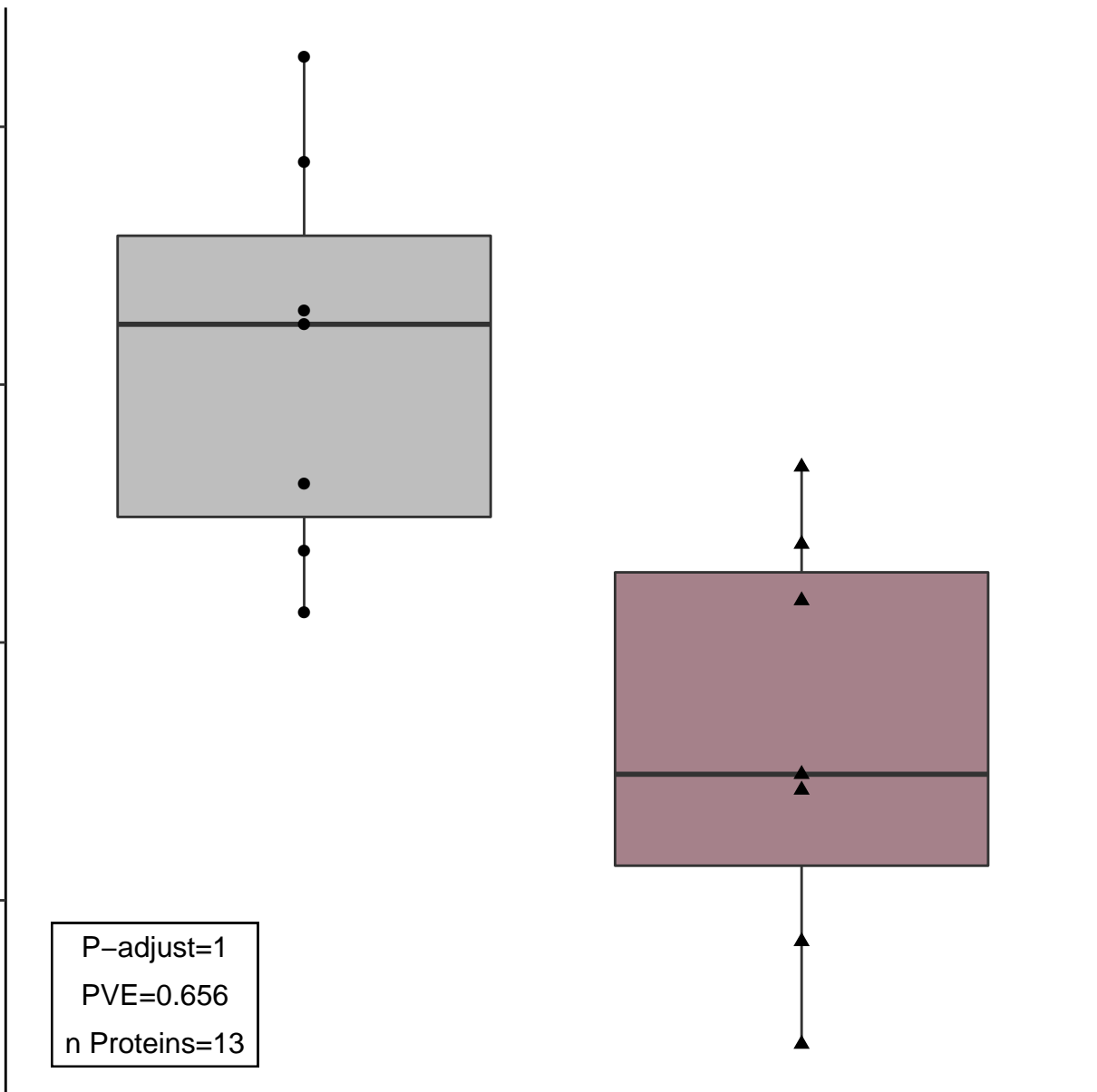
12.74

P-adjust=1  
PVE=0.656  
n Proteins=13

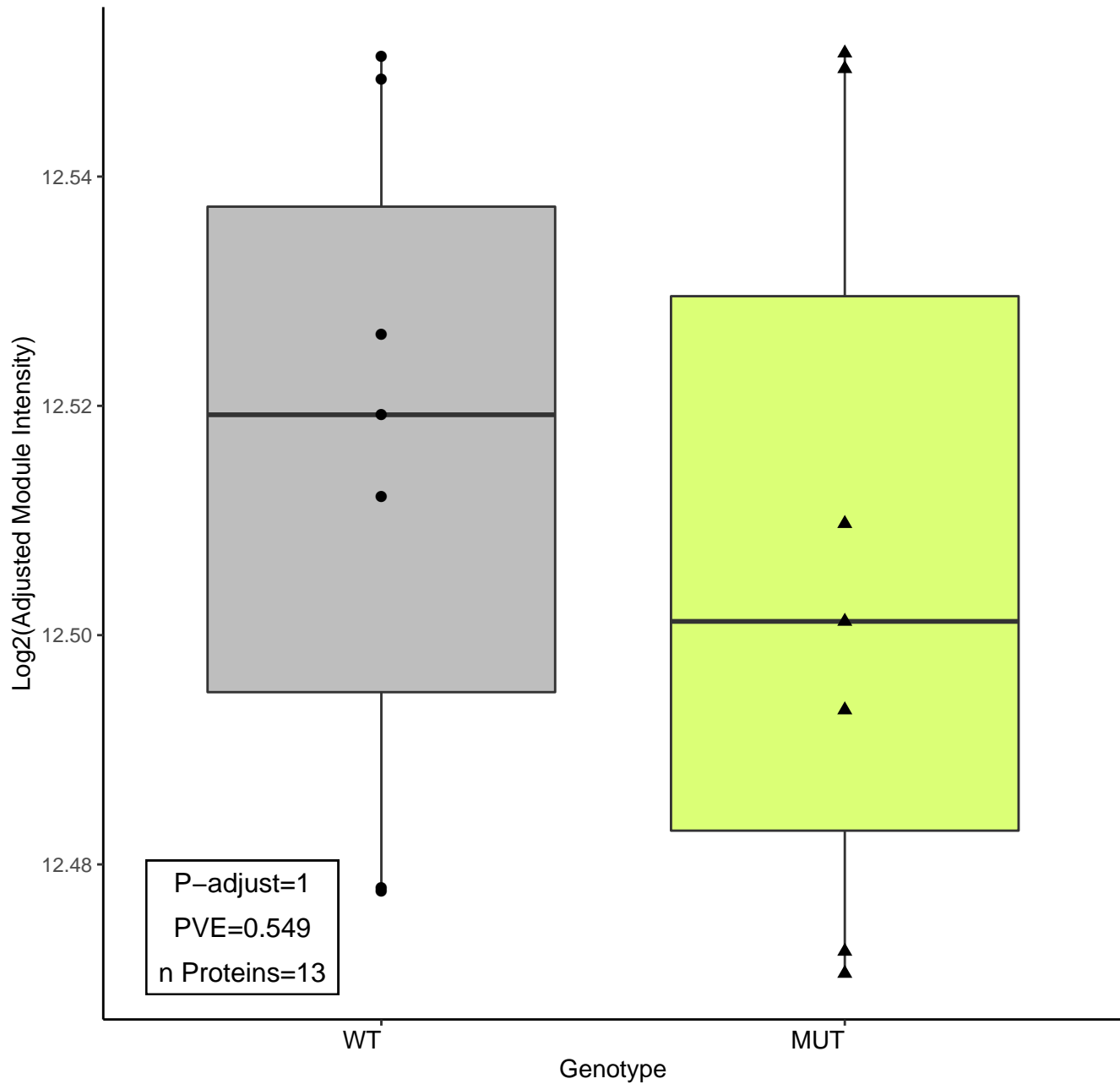
WT

Genotype

MUT

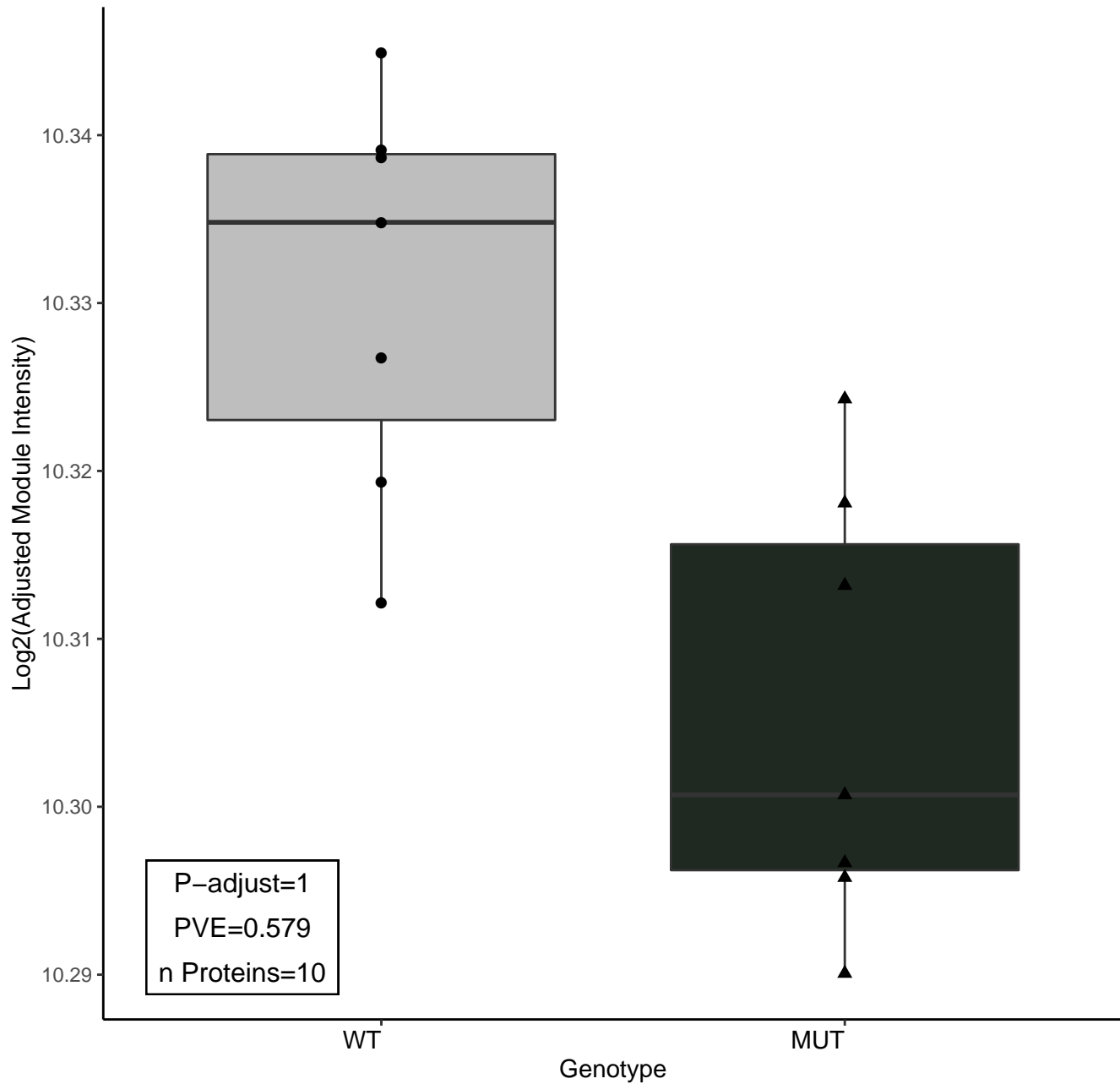


M176

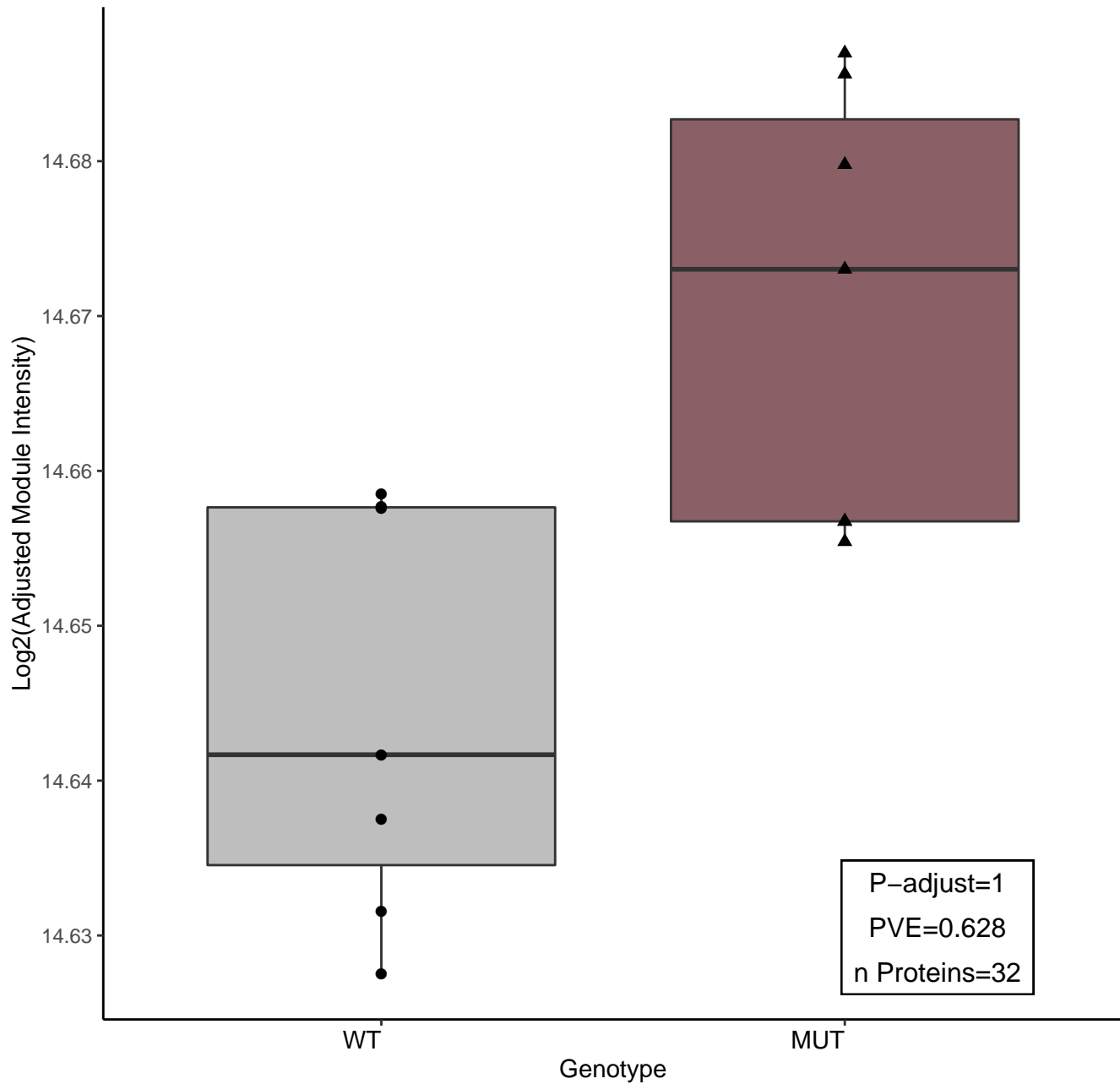




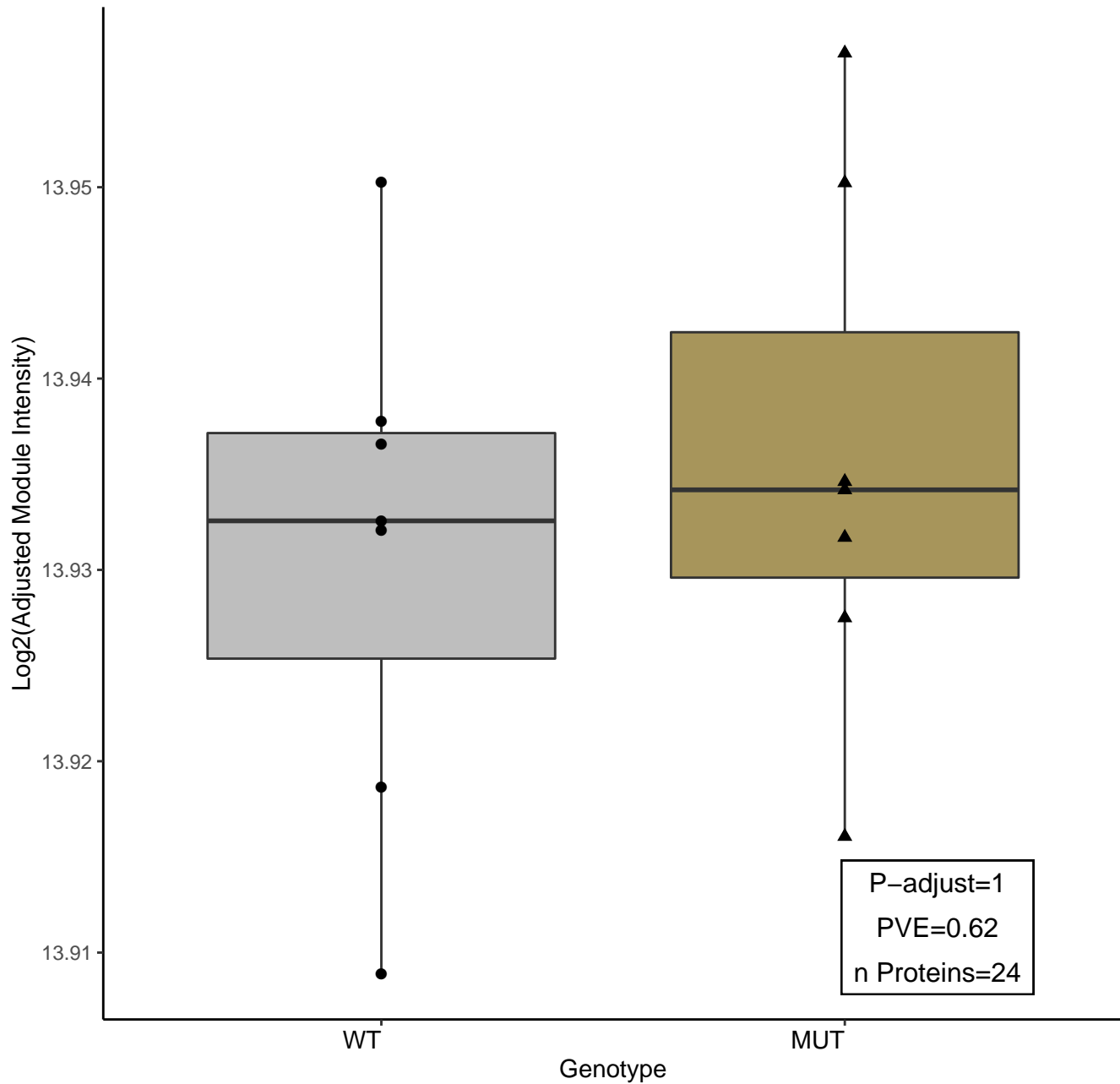
M177



M178



M179



M180

Log2(Adjusted Module Intensity)

13.94

13.92

13.90

13.88

WT

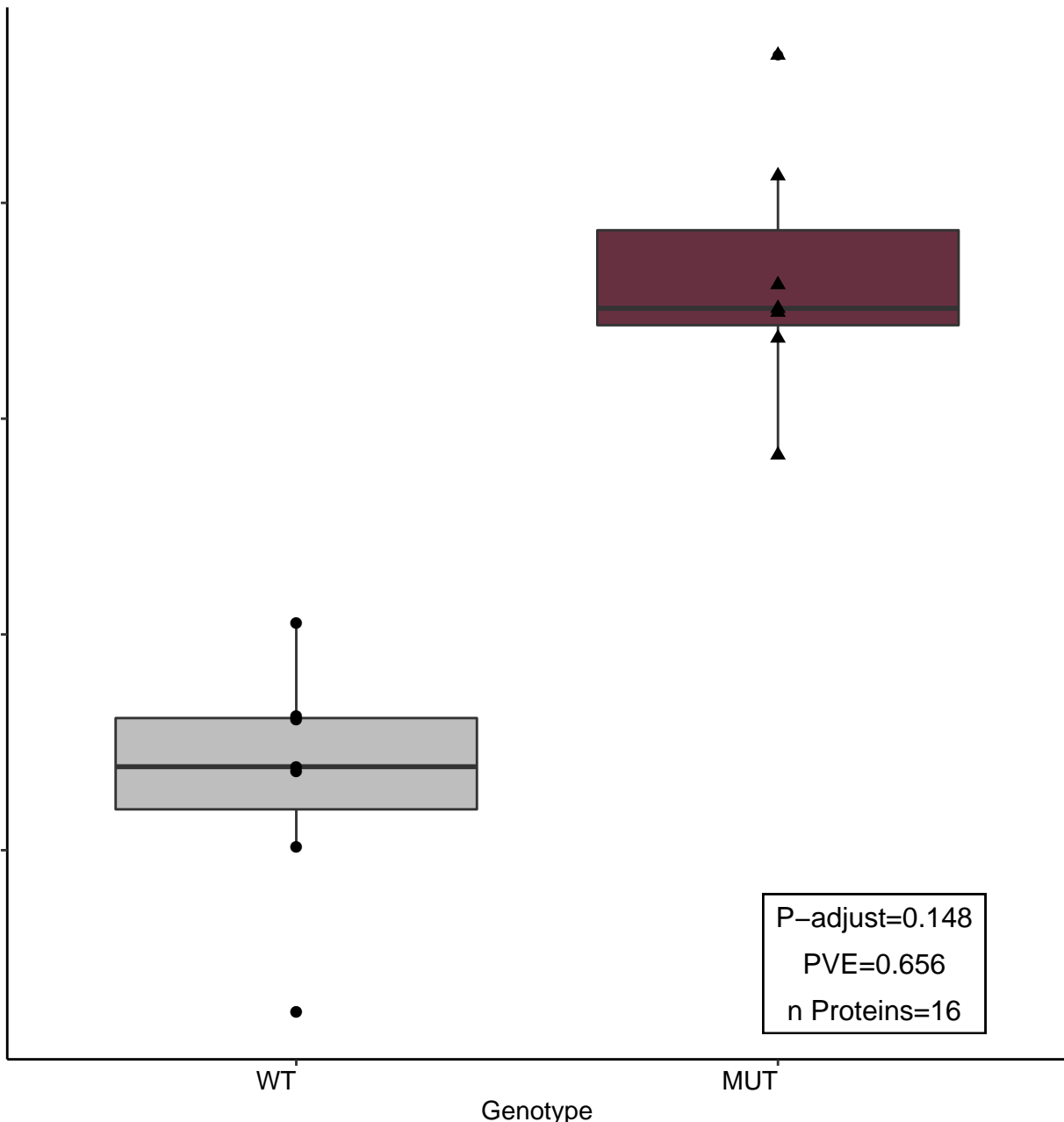
Genotype

MUT

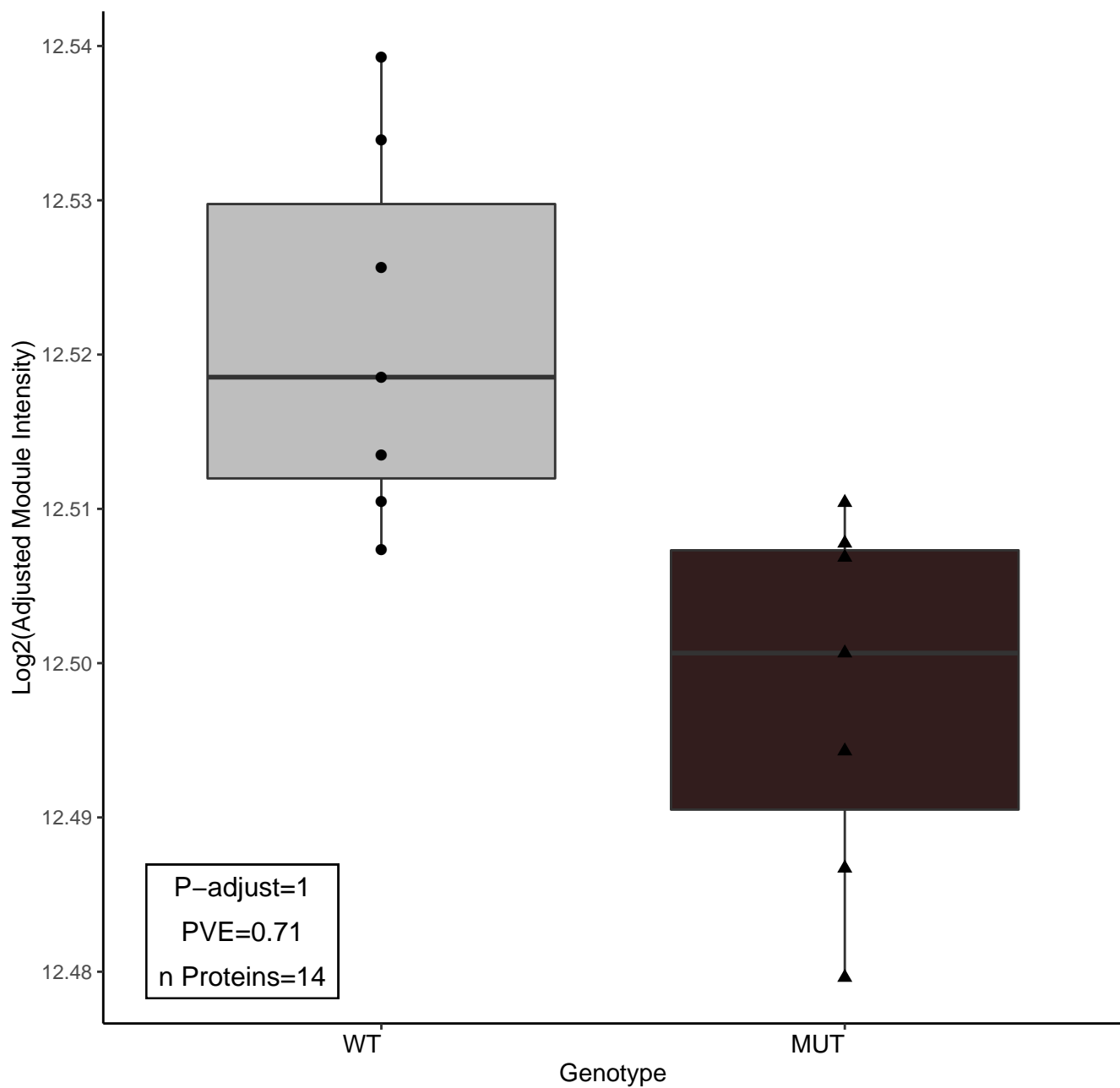
P-adjust=0.148

PVE=0.656

n Proteins=16



M181



M182

Log2(Adjusted Module Intensity)

11.38

11.36

11.34

P-adjust=0.565

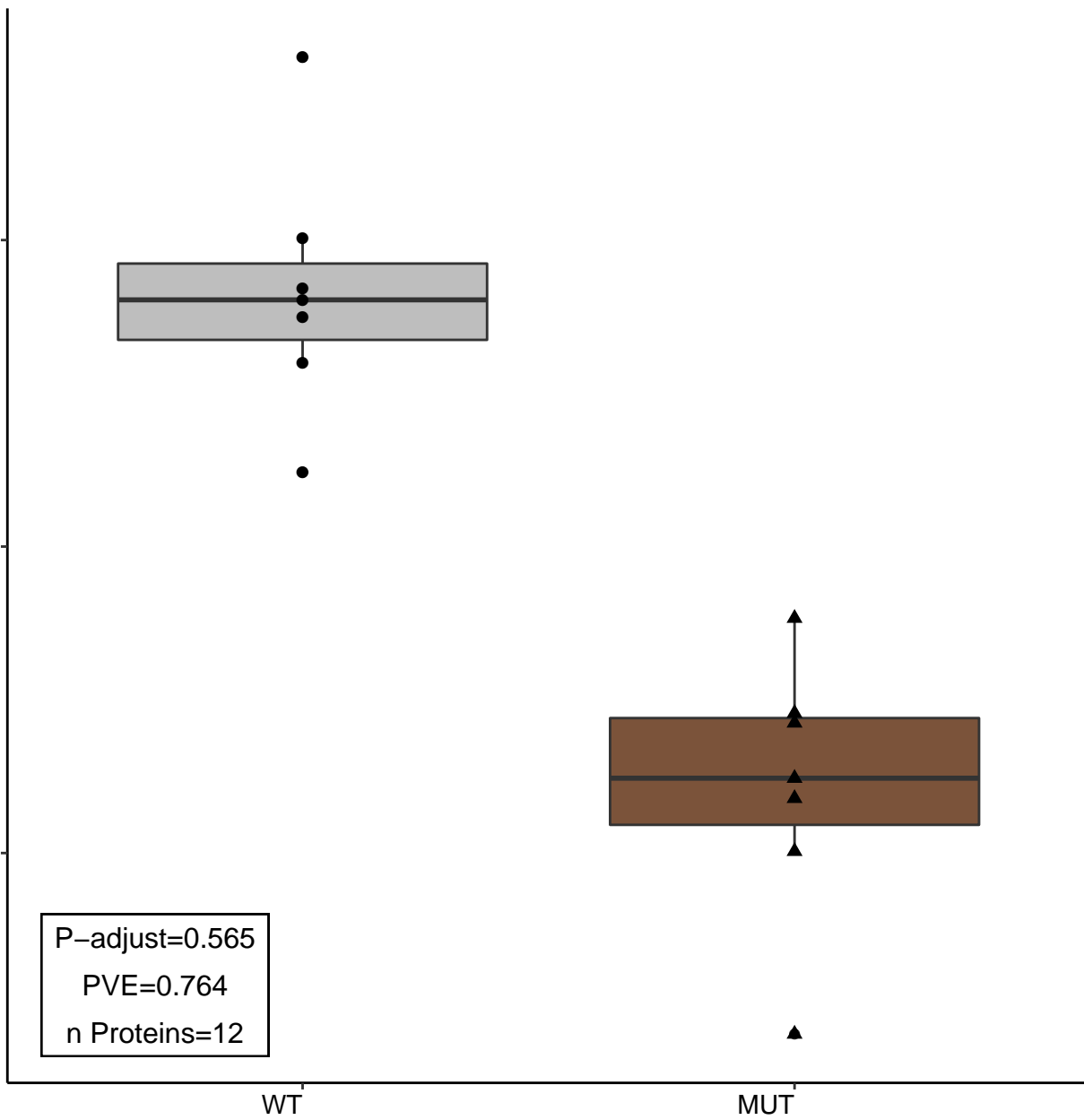
PVE=0.764

n Proteins=12

WT

Genotype

MUT



M183

Log2(Adjusted Module Intensity)

12.04

12.02

12.00

11.98

WT

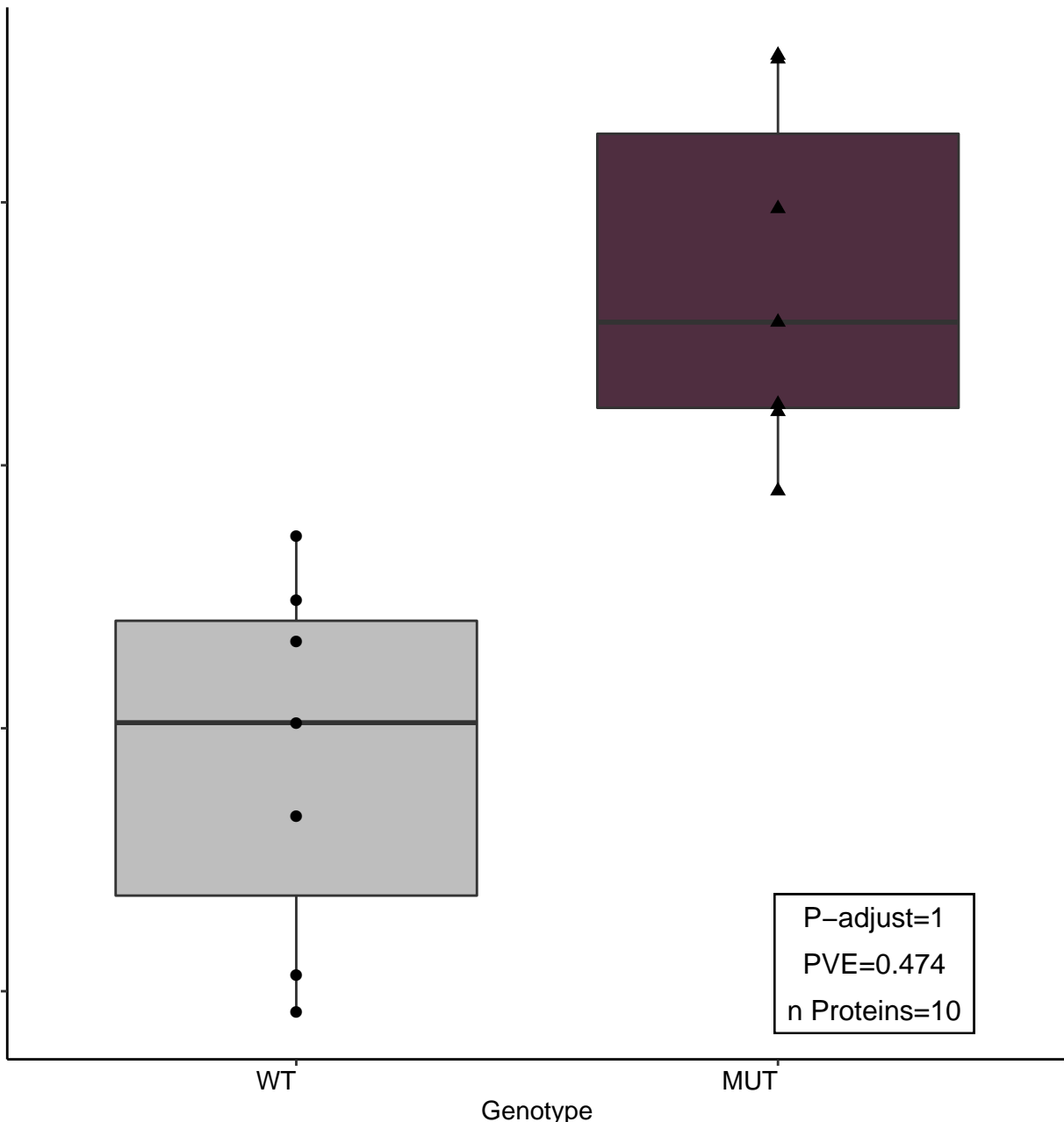
MUT

Genotype

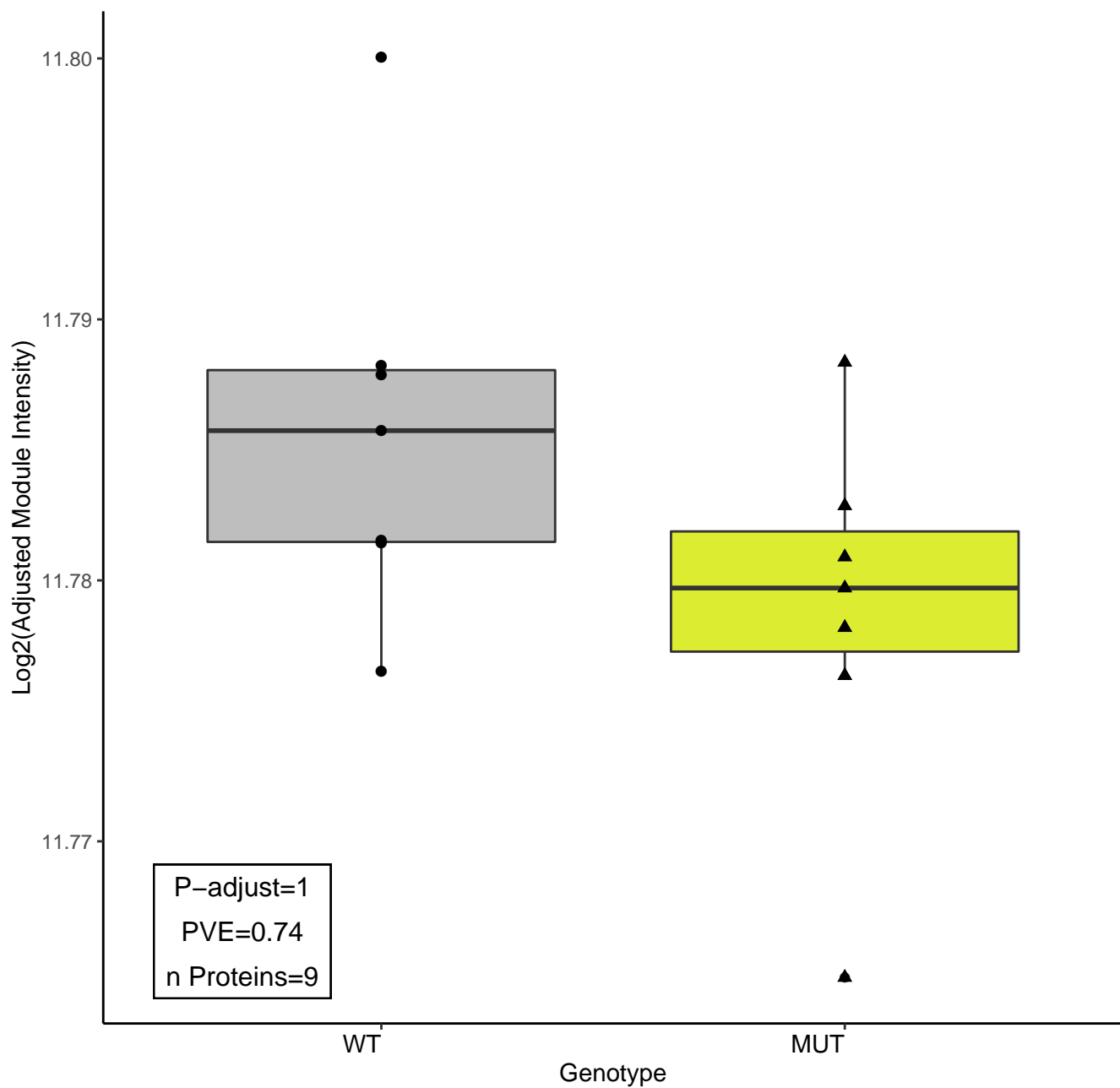
P-adjust=1

PVE=0.474

n Proteins=10

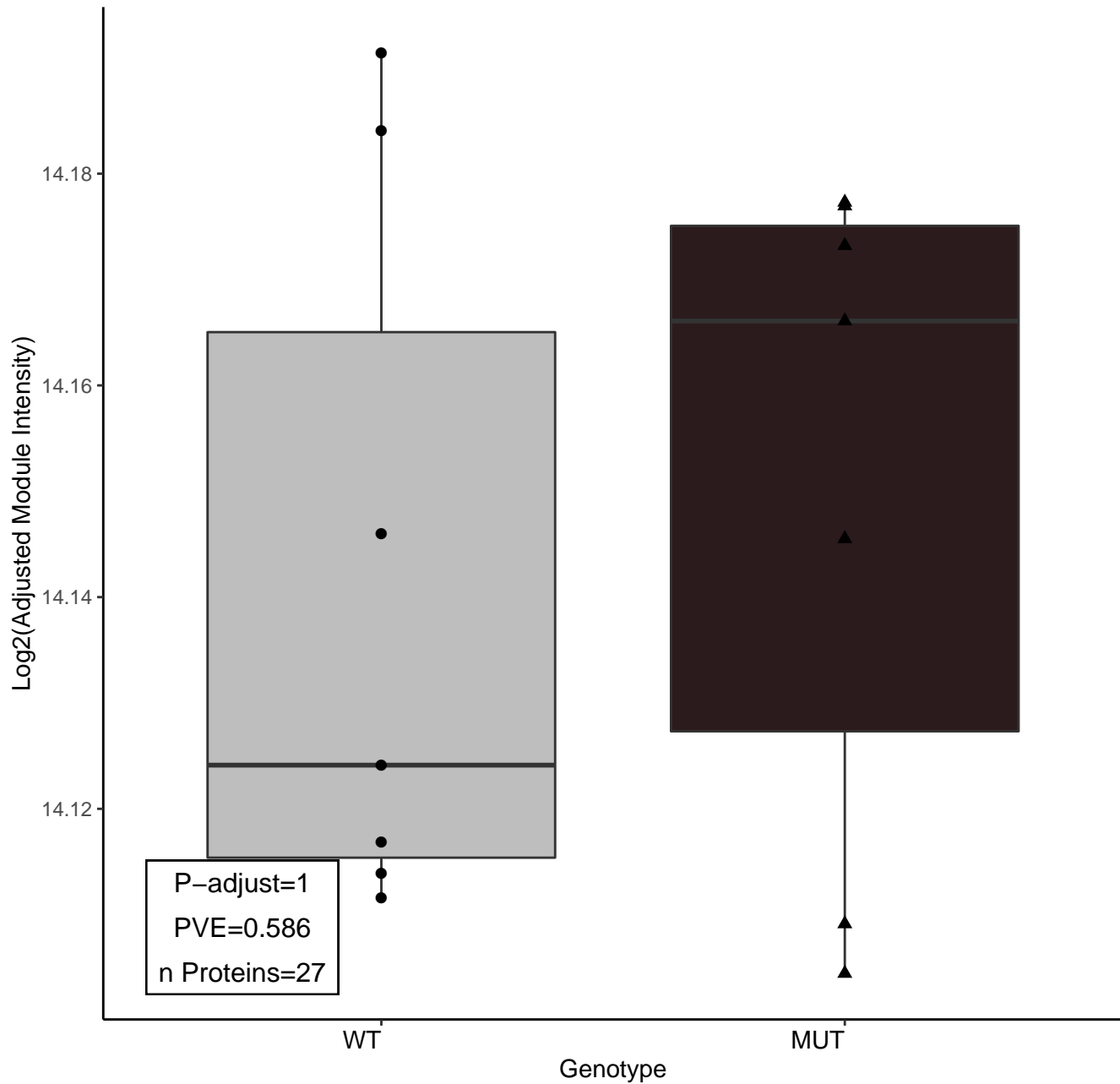


M184

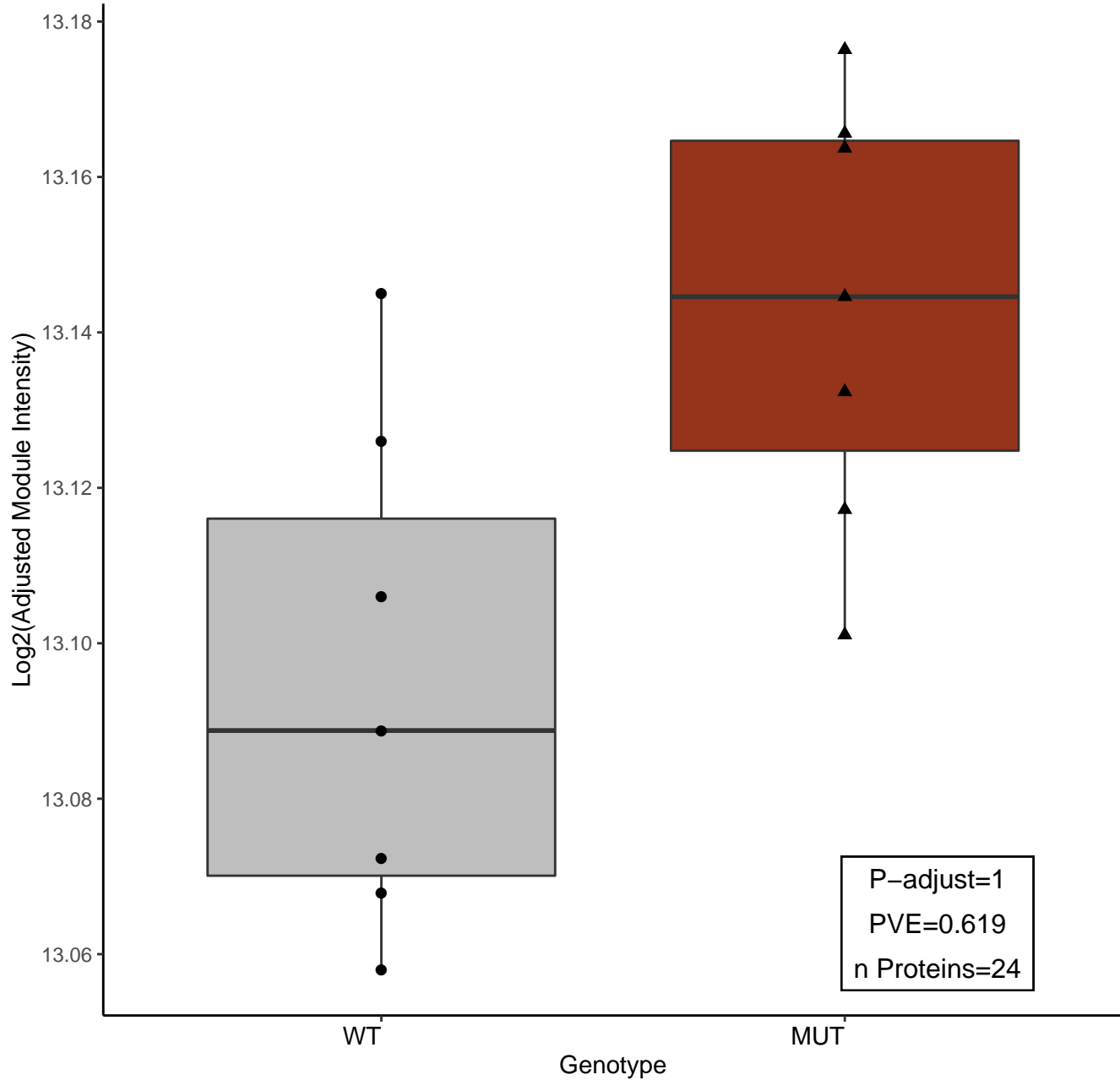




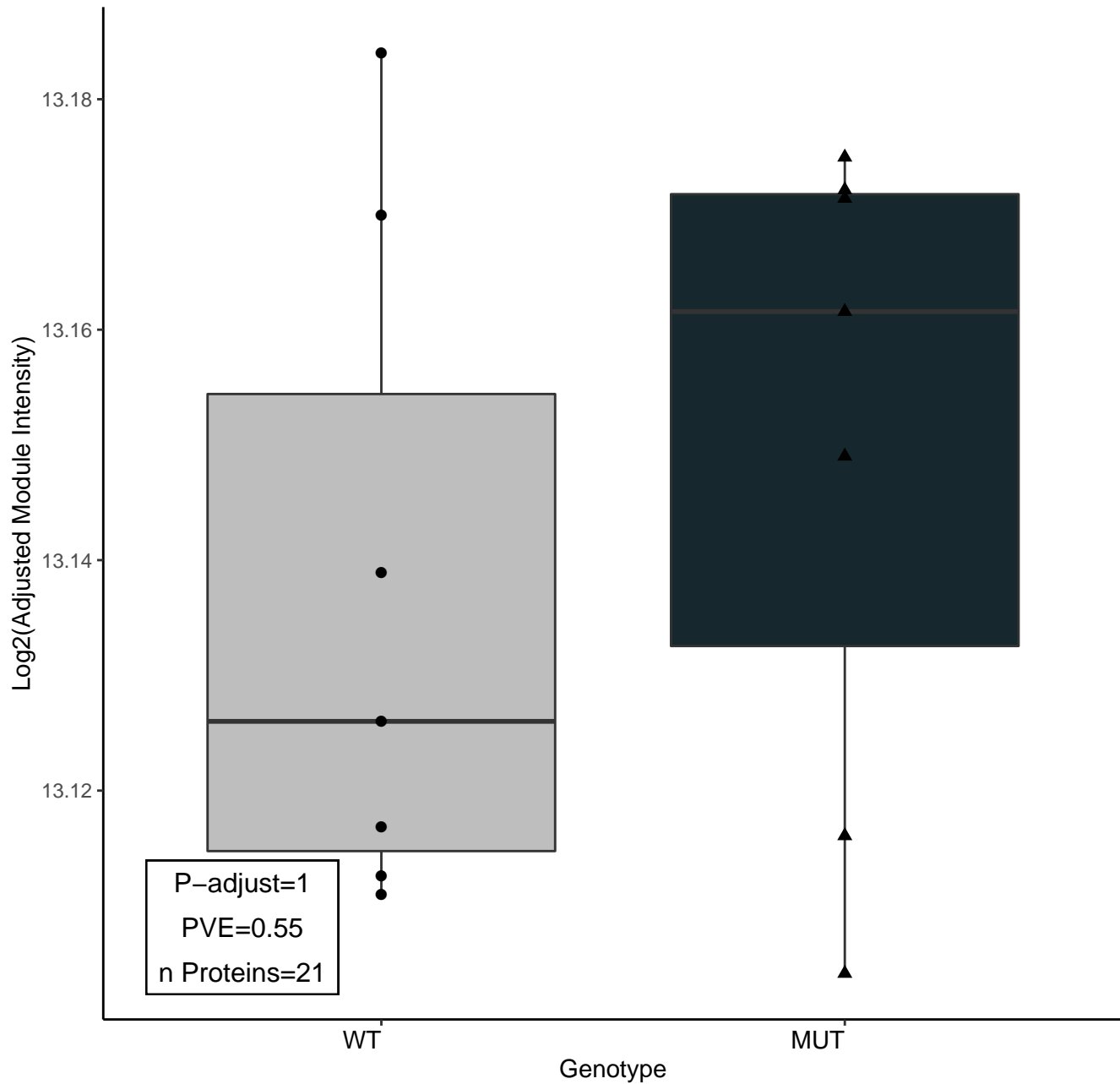
M185



M186

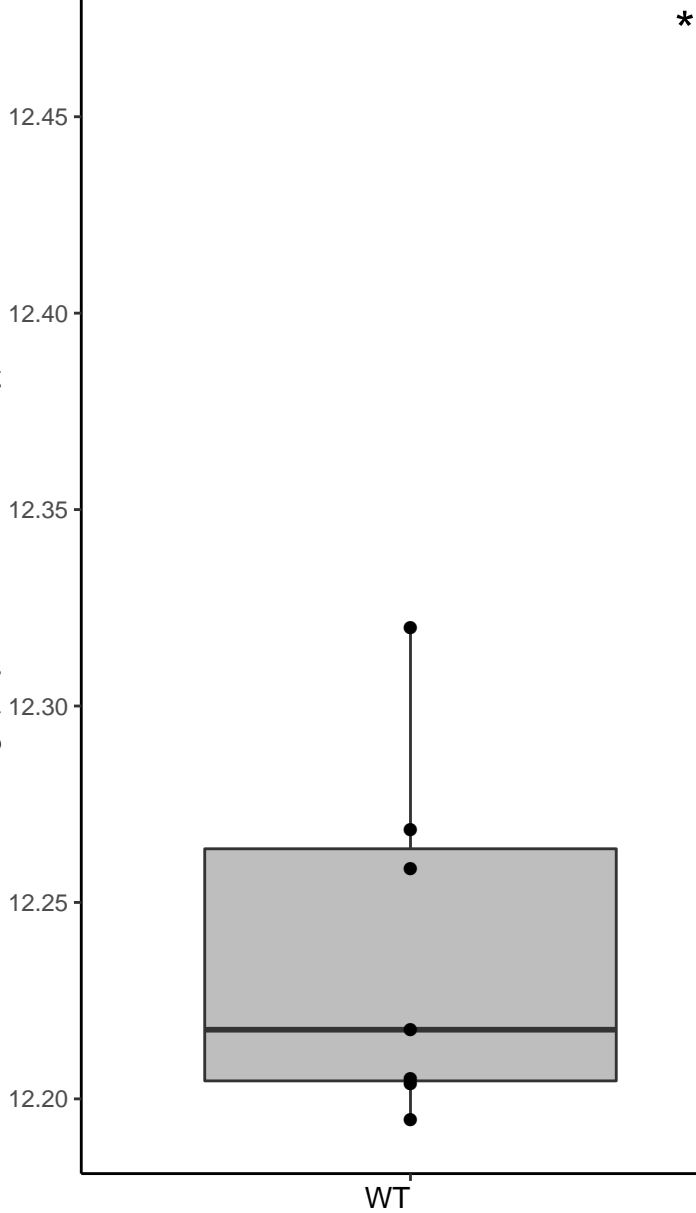


M187



M188

Log2(Adjusted Module Intensity)



MUT

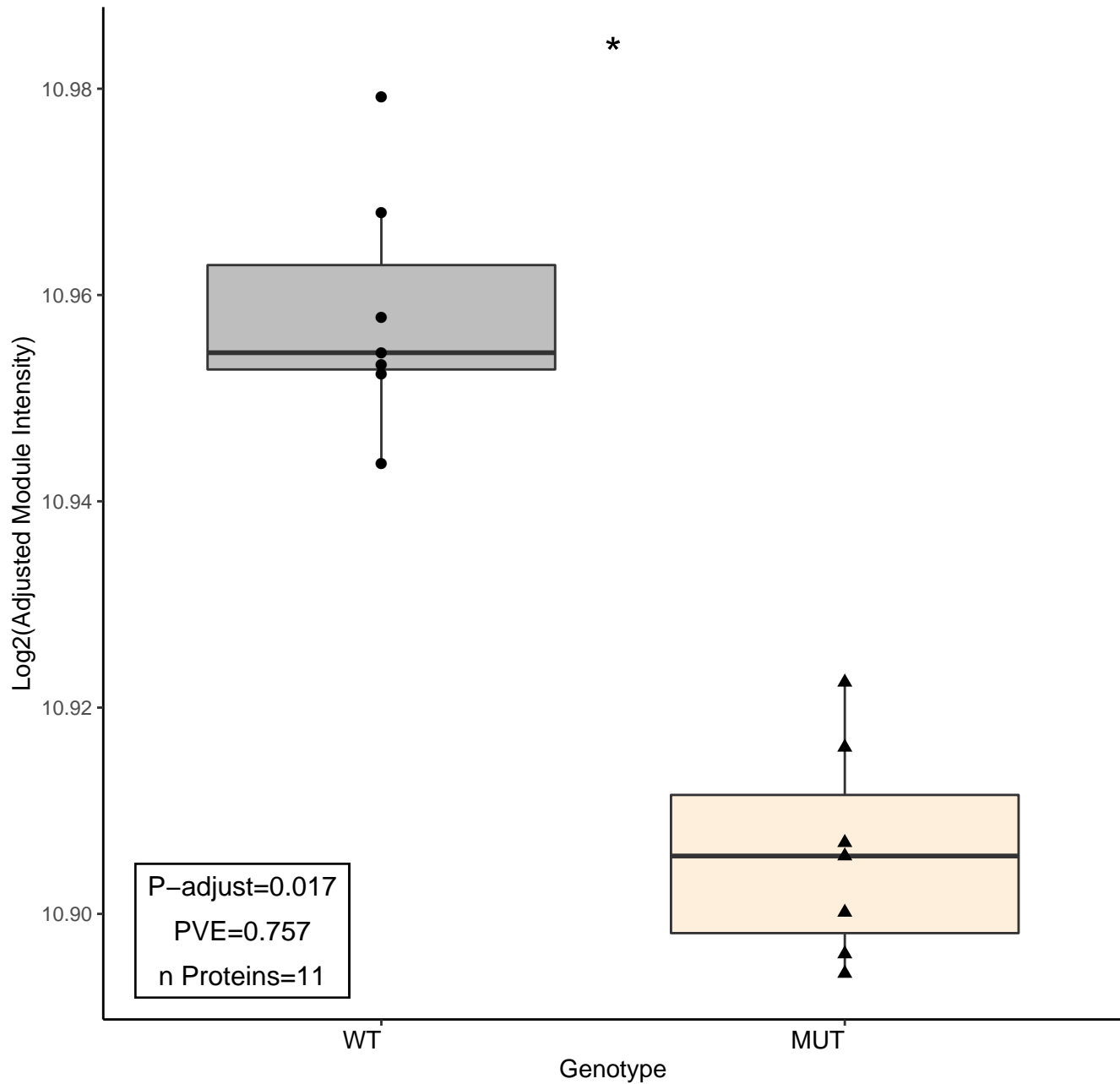
Genotype

P-adjust=0.026

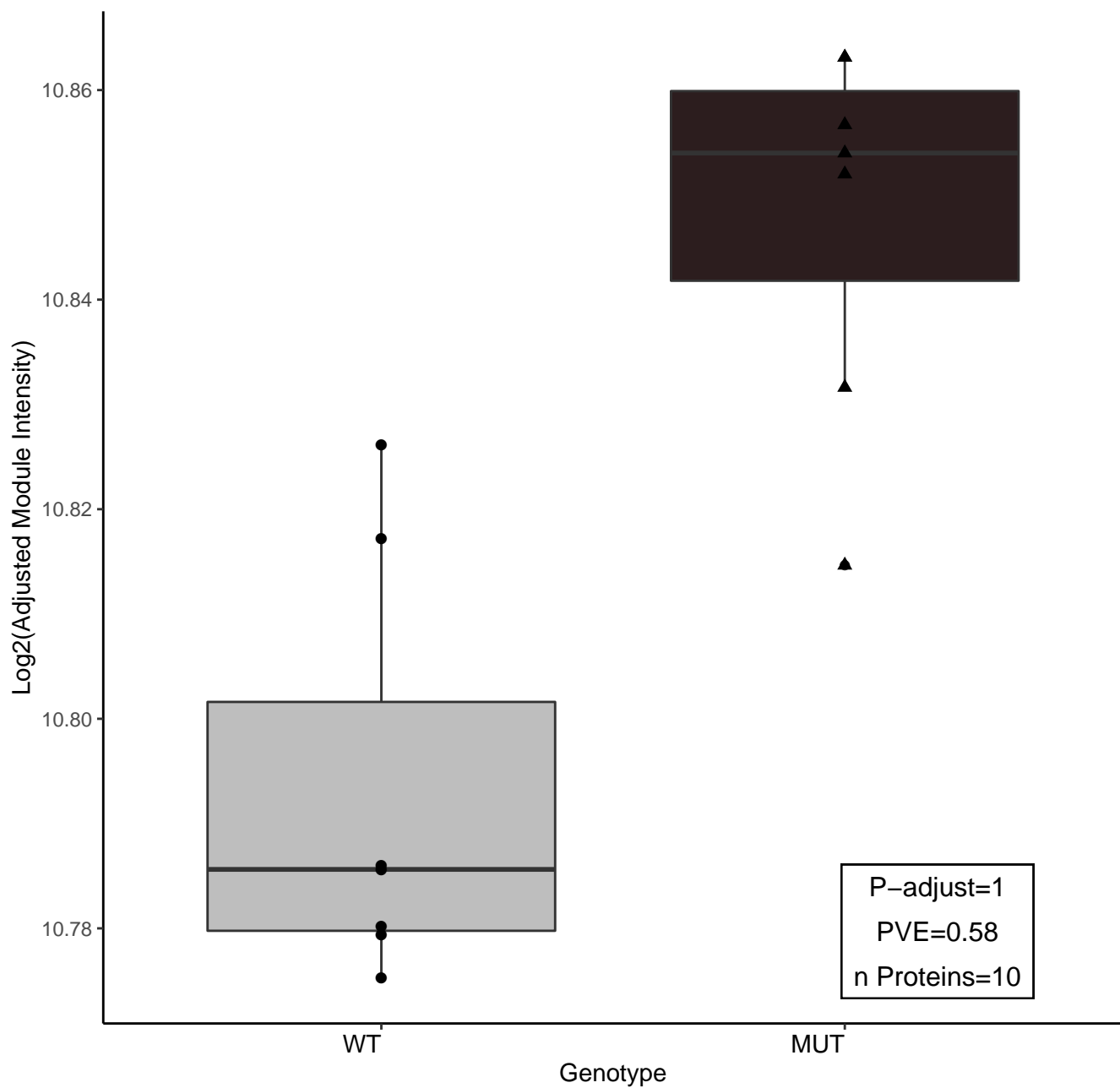
PVE=0.61

n Proteins=17

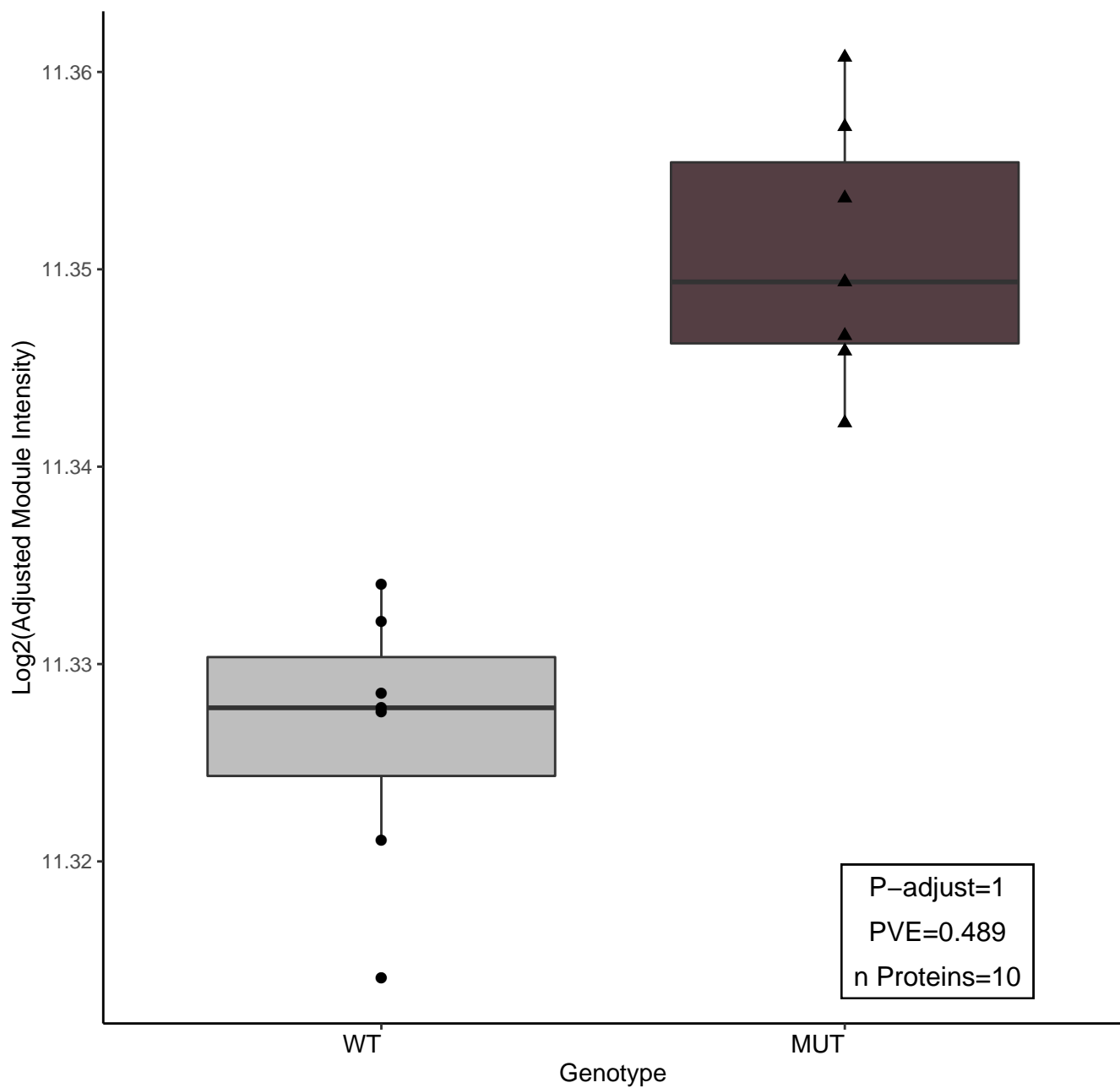
M189



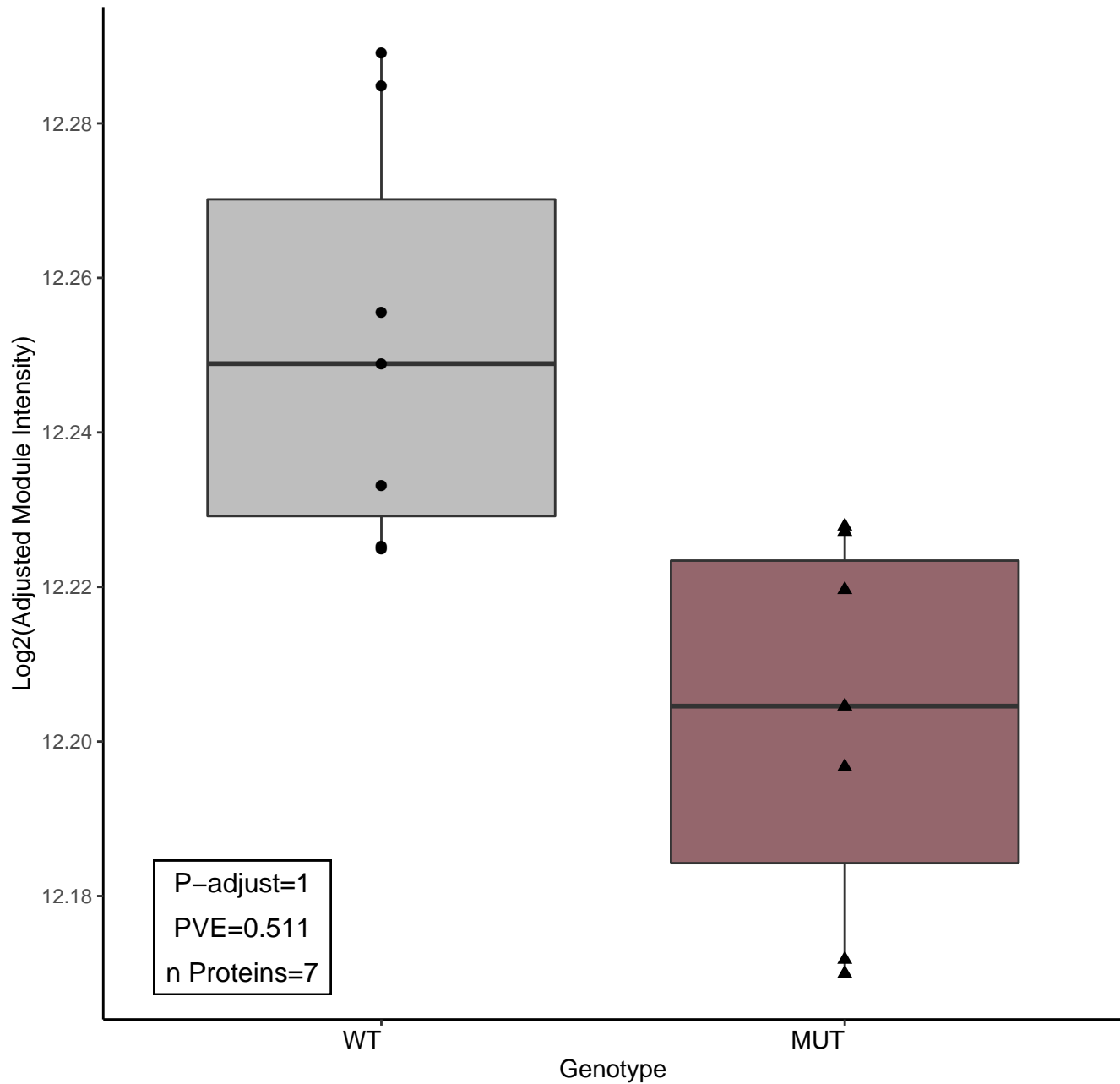
M190



M191

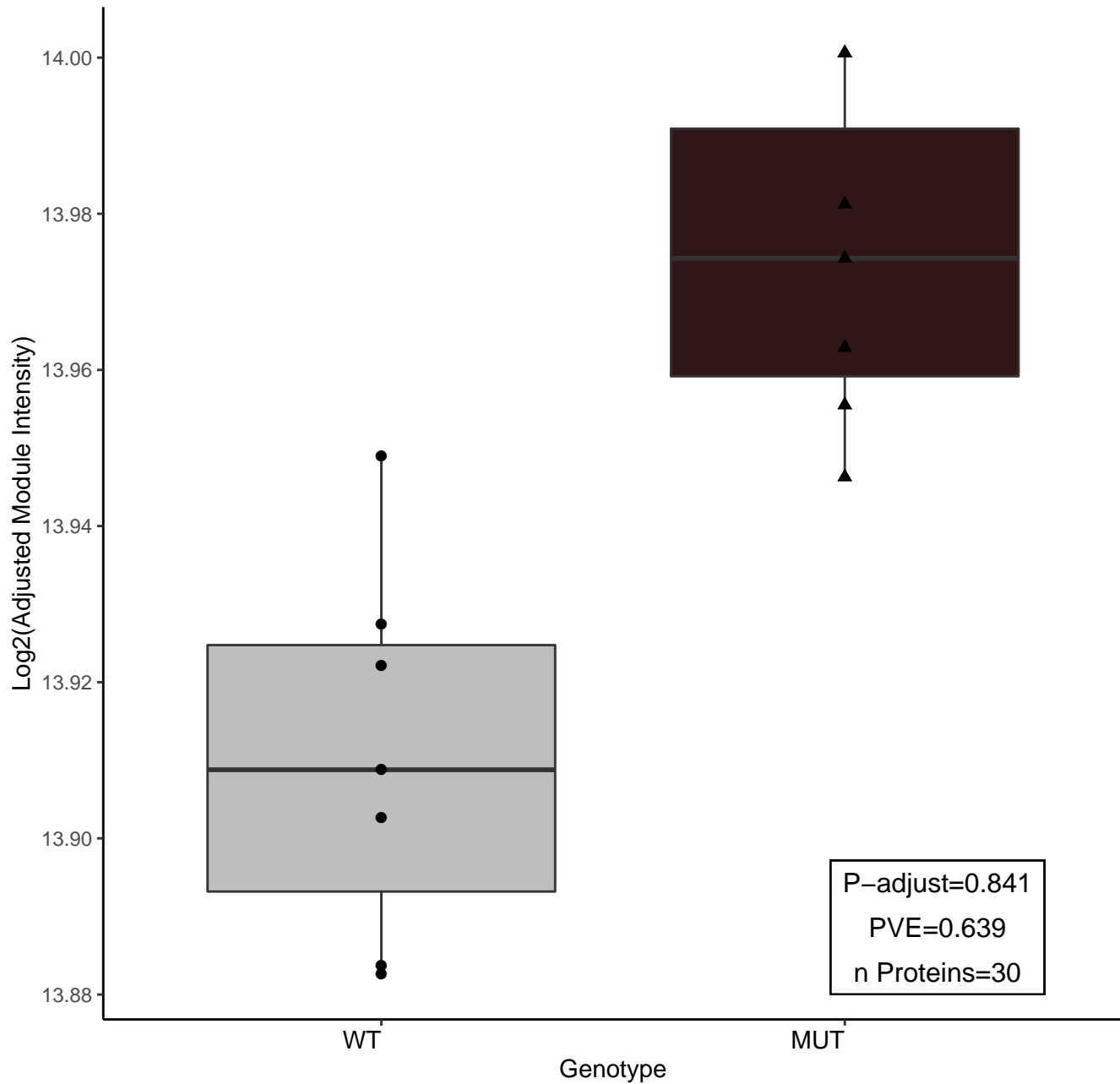


M192

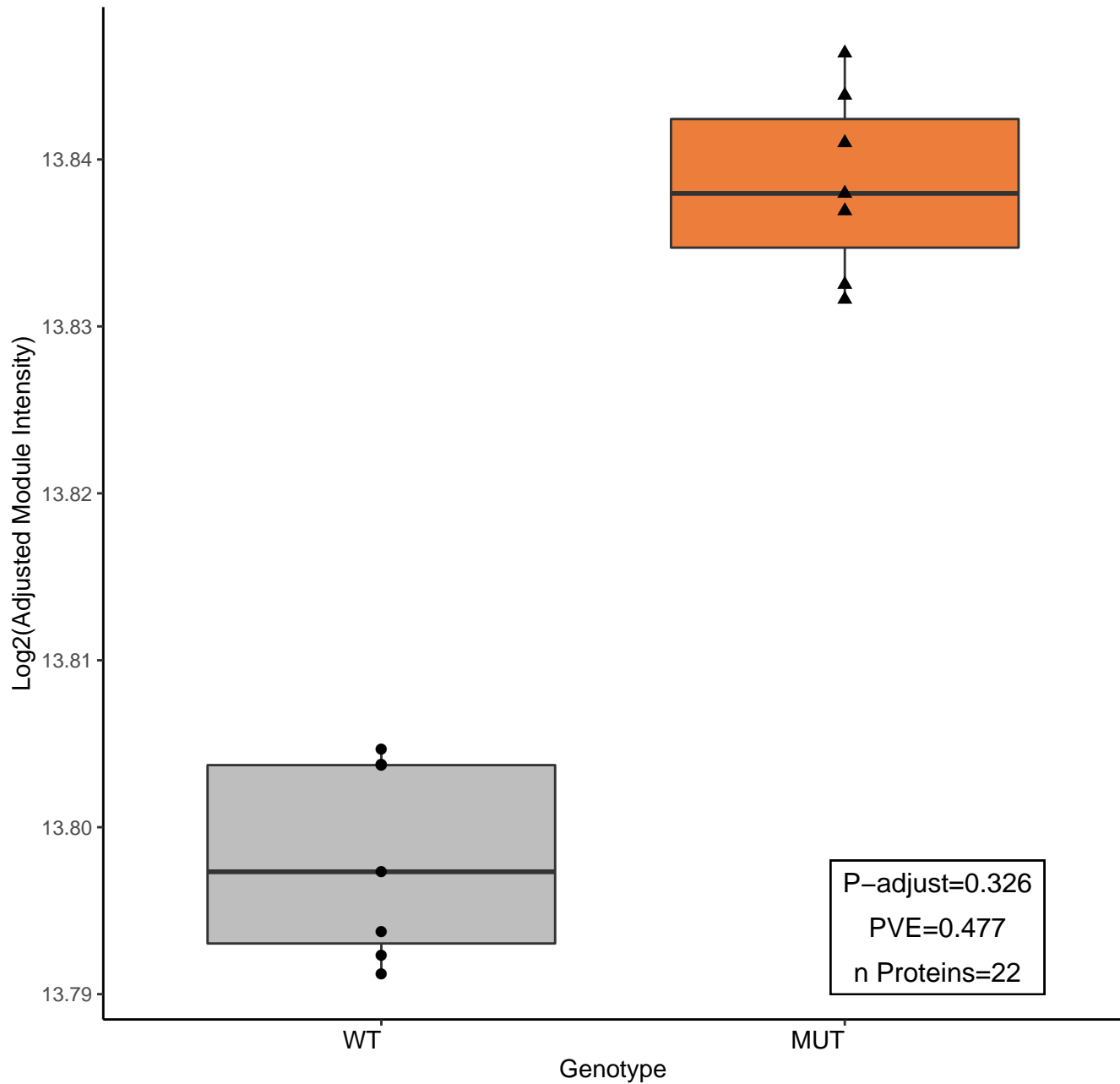




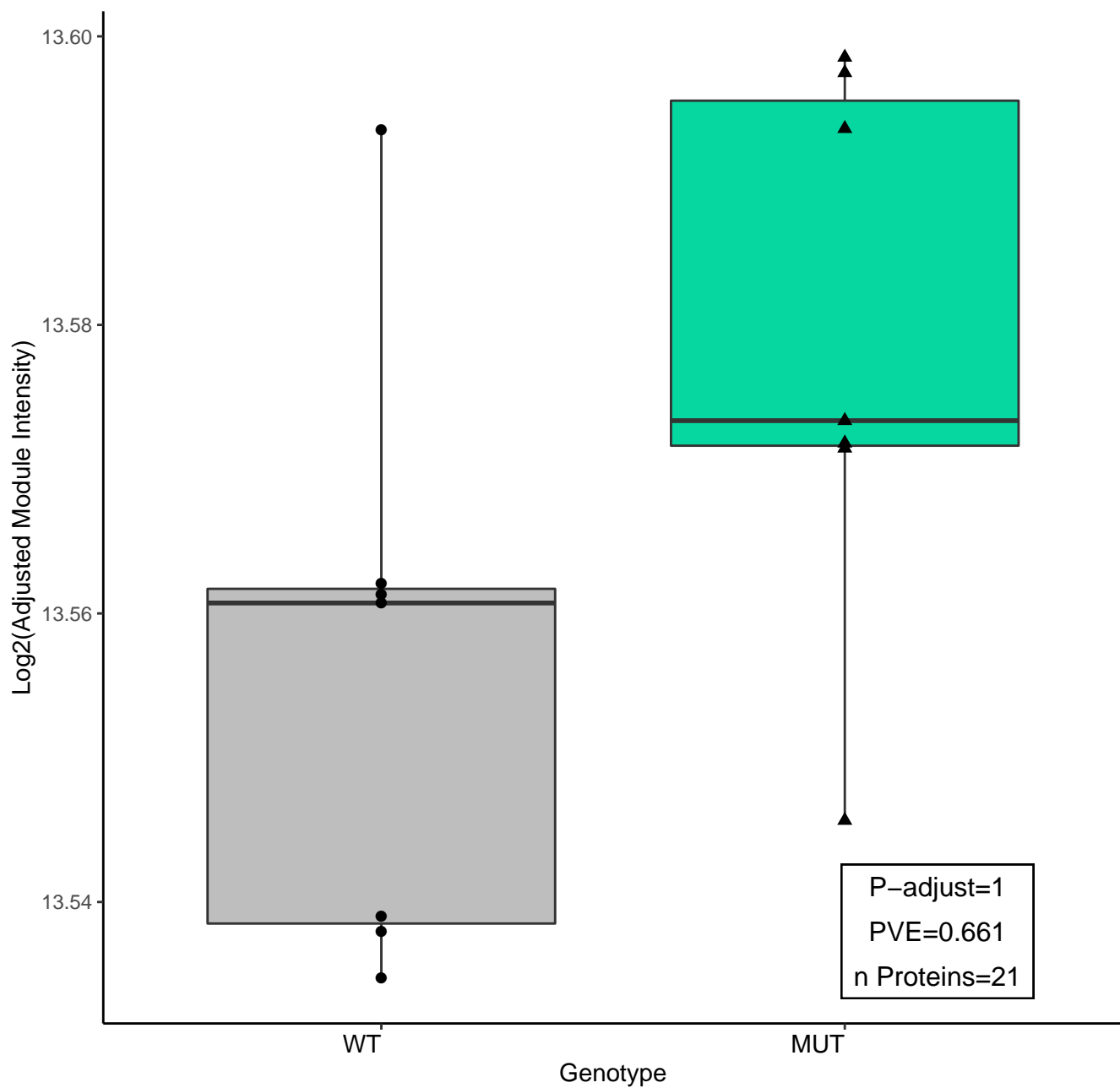
M193



M194



M195



M196

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Log2(Adjusted Module Intensity)

12.40

12.35

12.30

P-adjust=0.003

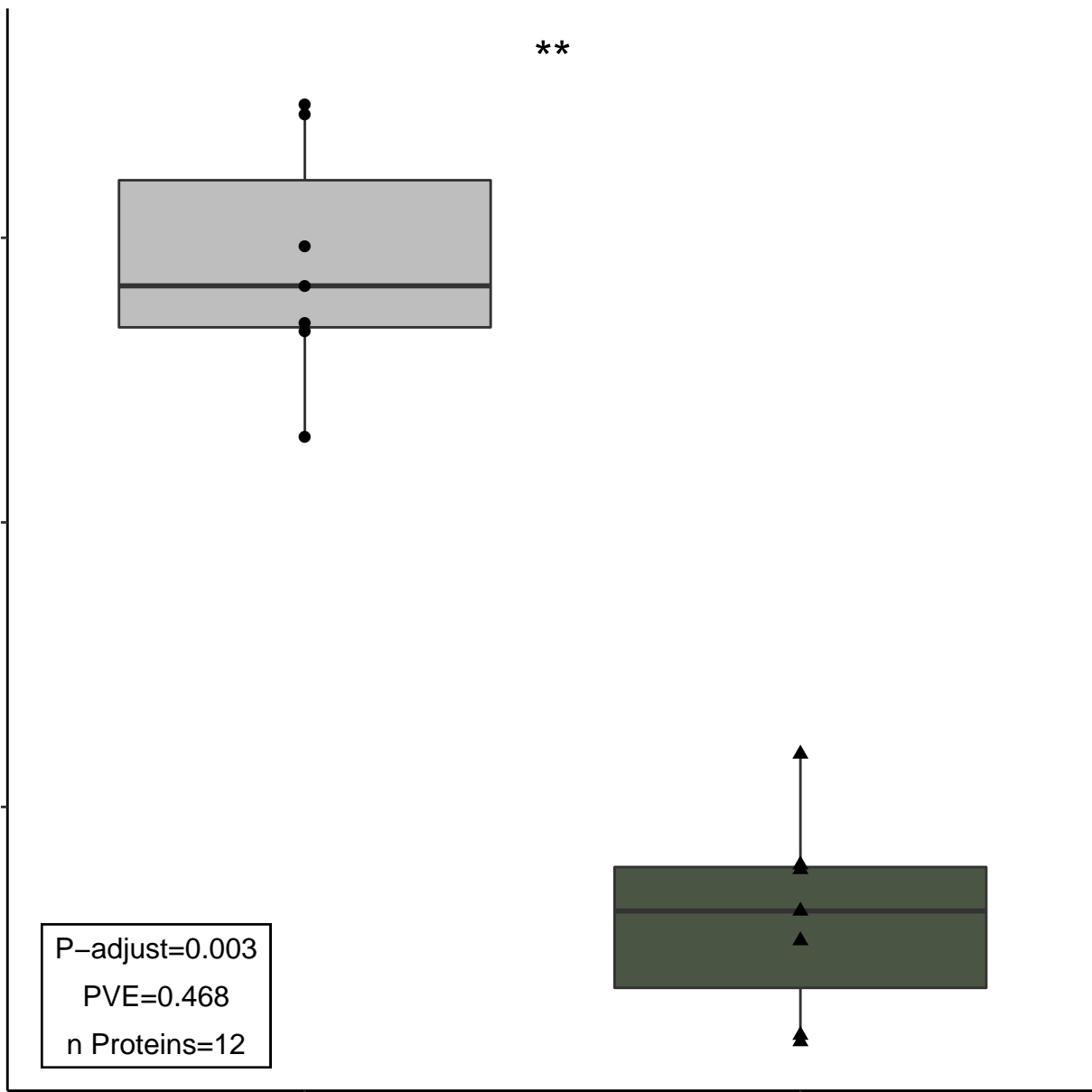
PVE=0.468

n Proteins=12

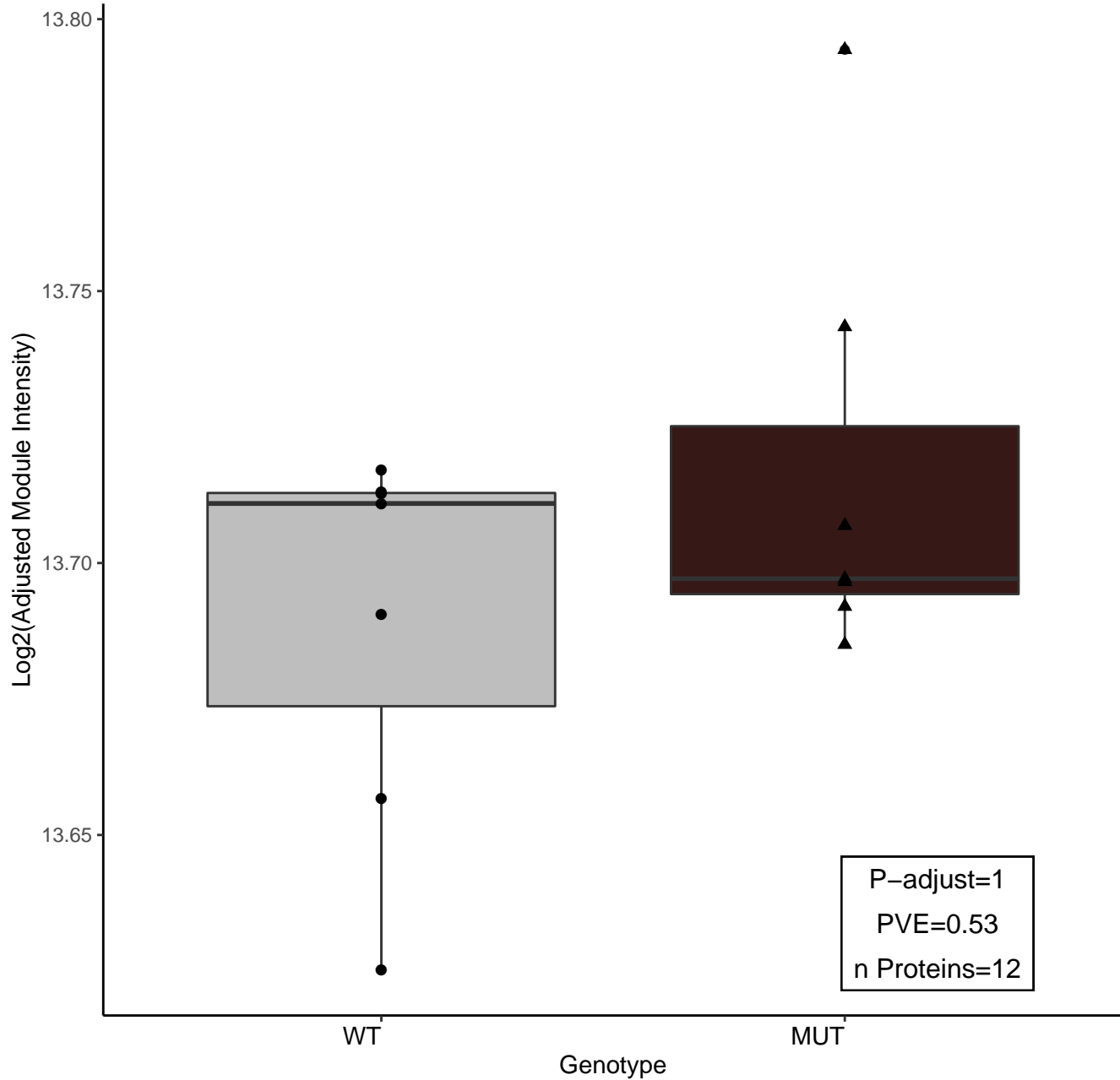
WT

Genotype

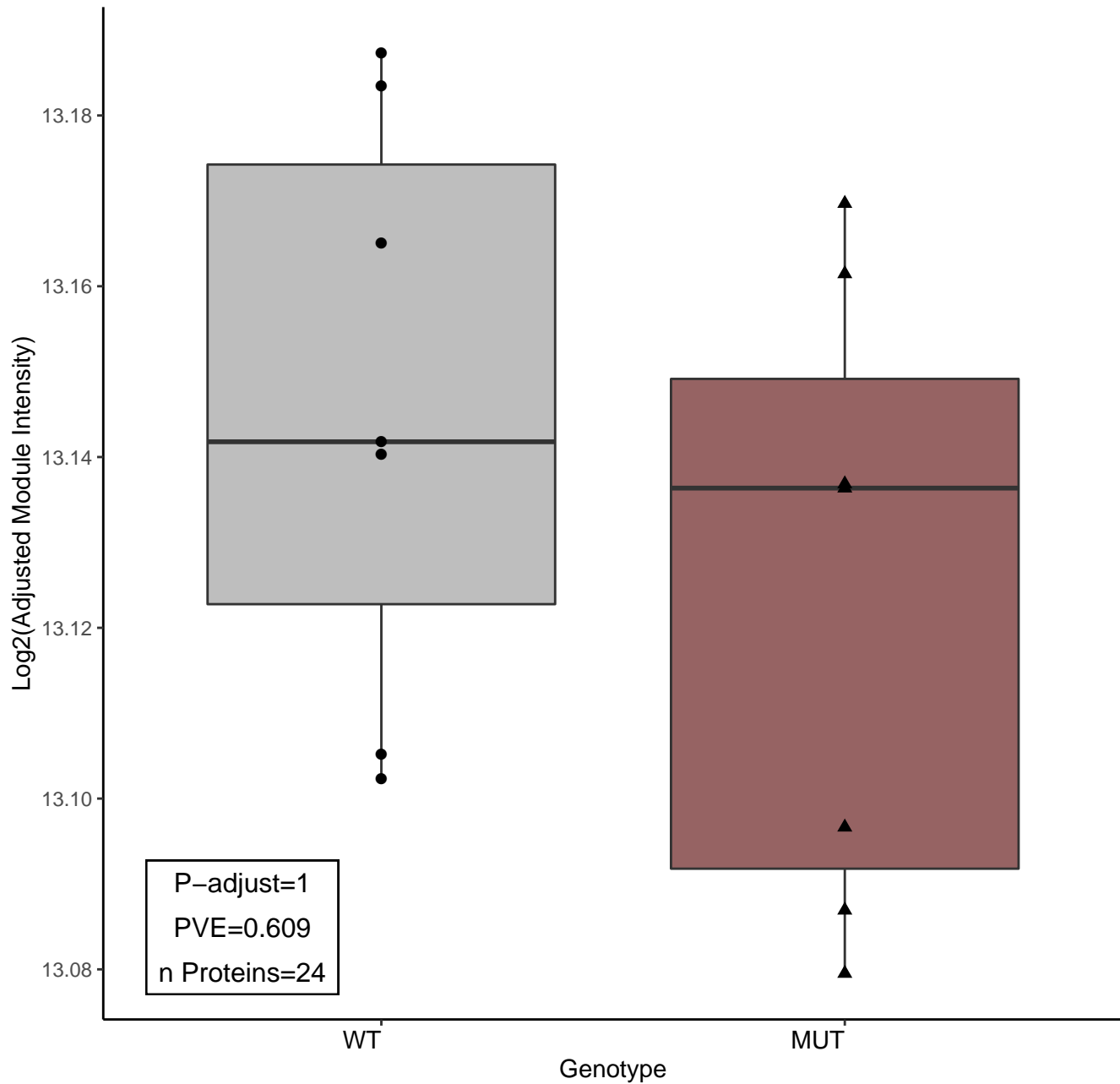
MUT



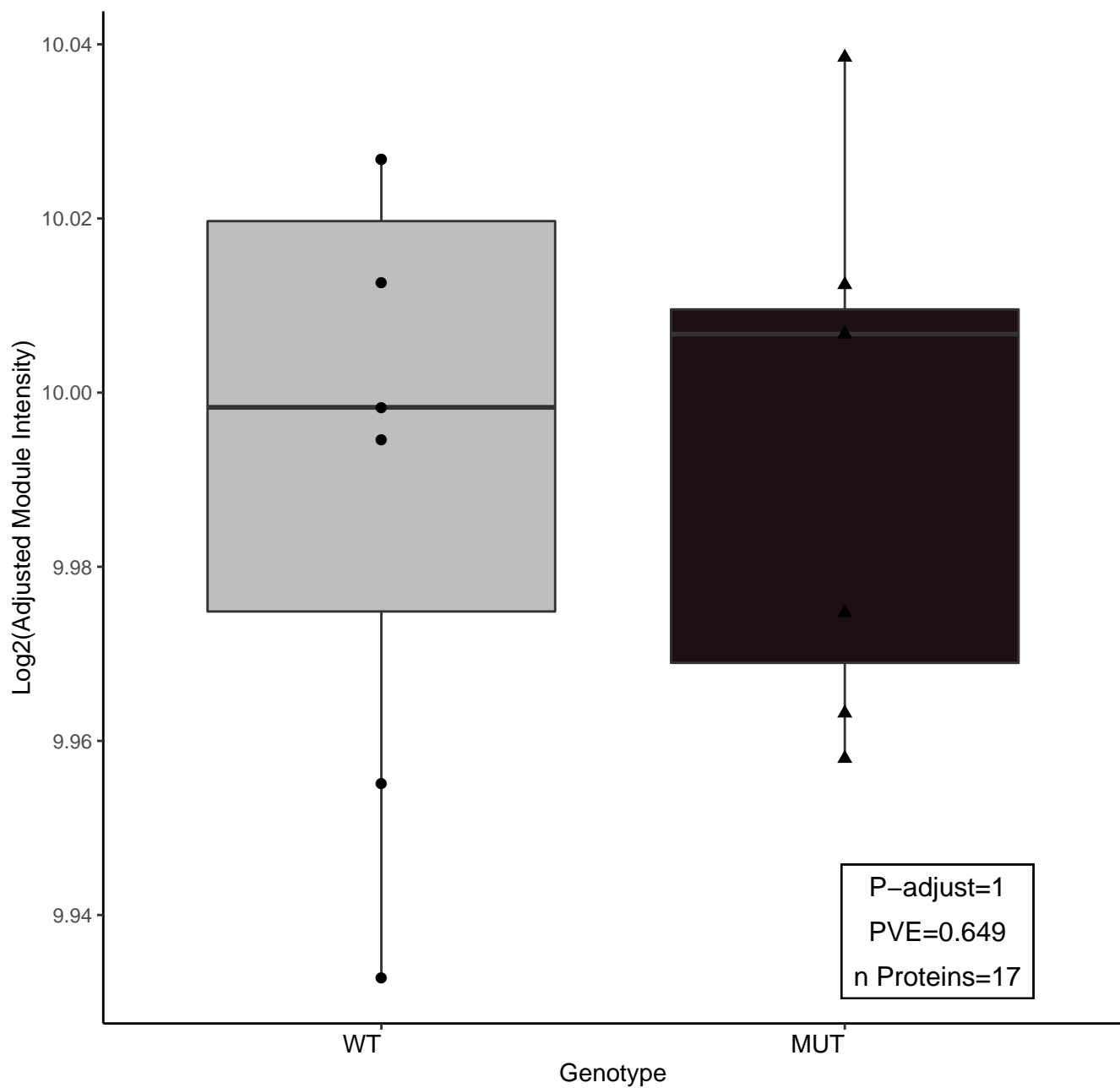
M197

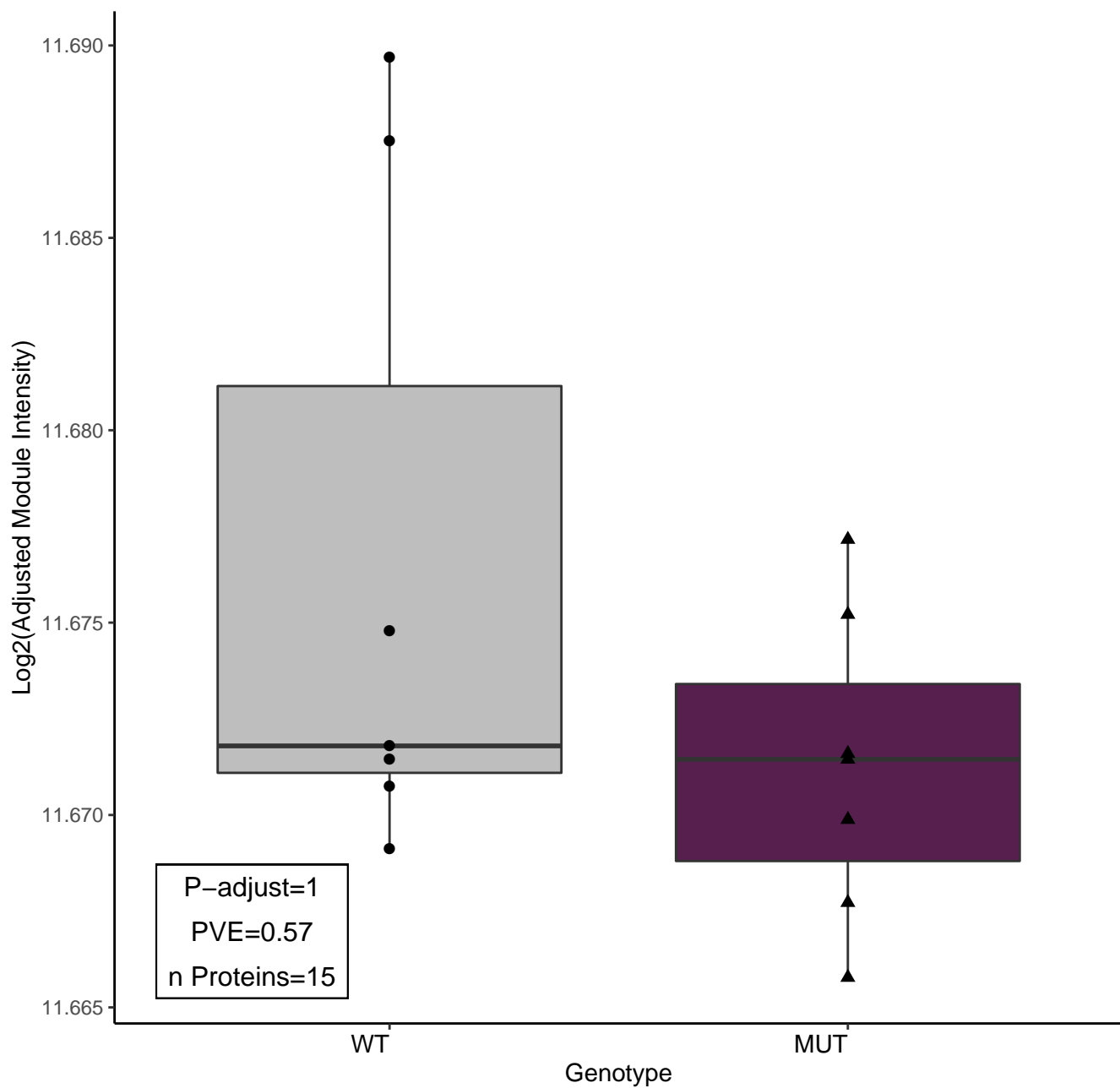


M198



M199







M201

Log2(Adjusted Module Intensity)

13.65

13.60

13.55

13.50

P-adjust=0.478

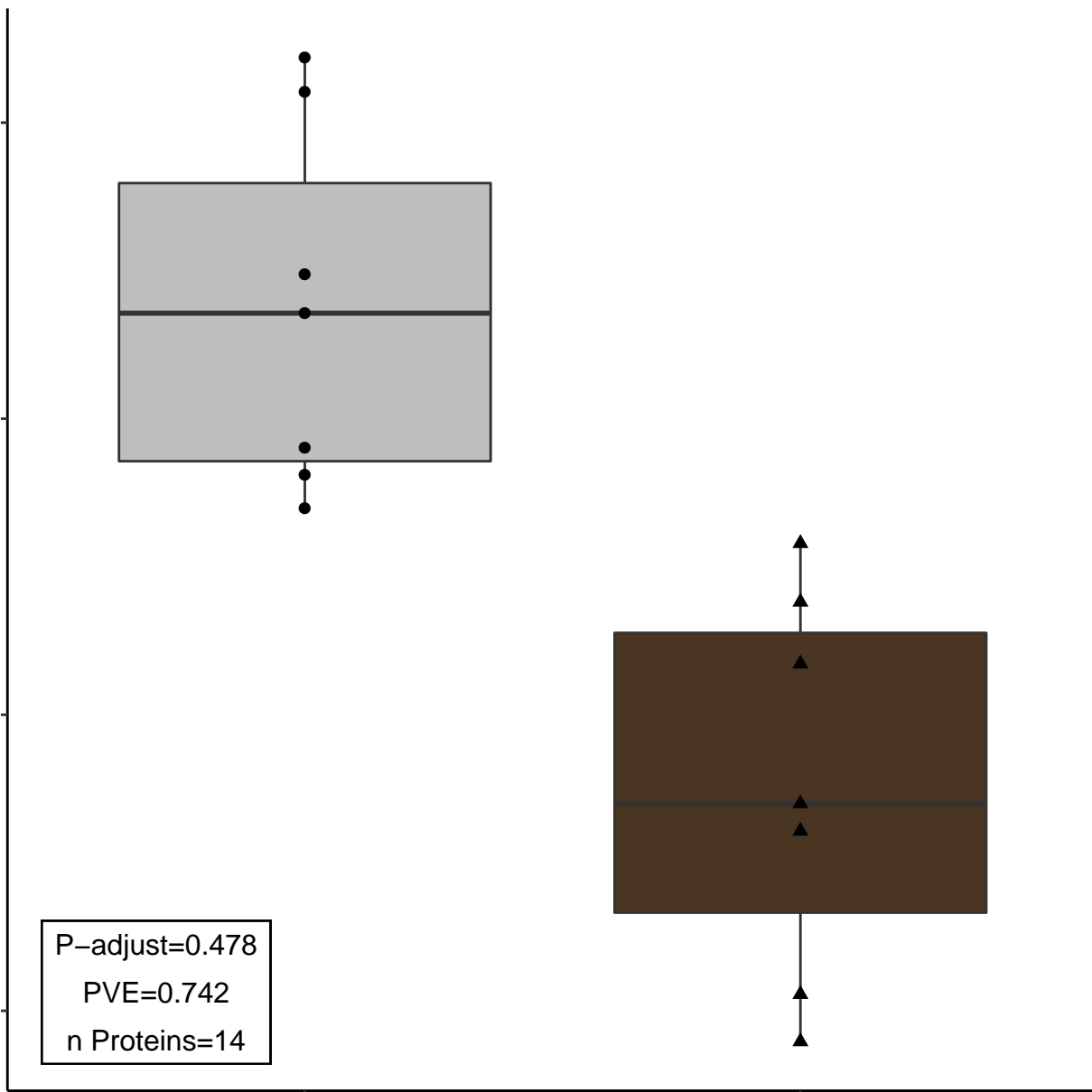
PVE=0.742

n Proteins=14

WT

Genotype

MUT



M202

Log2(Adjusted Module Intensity)

10.20

10.18

10.16

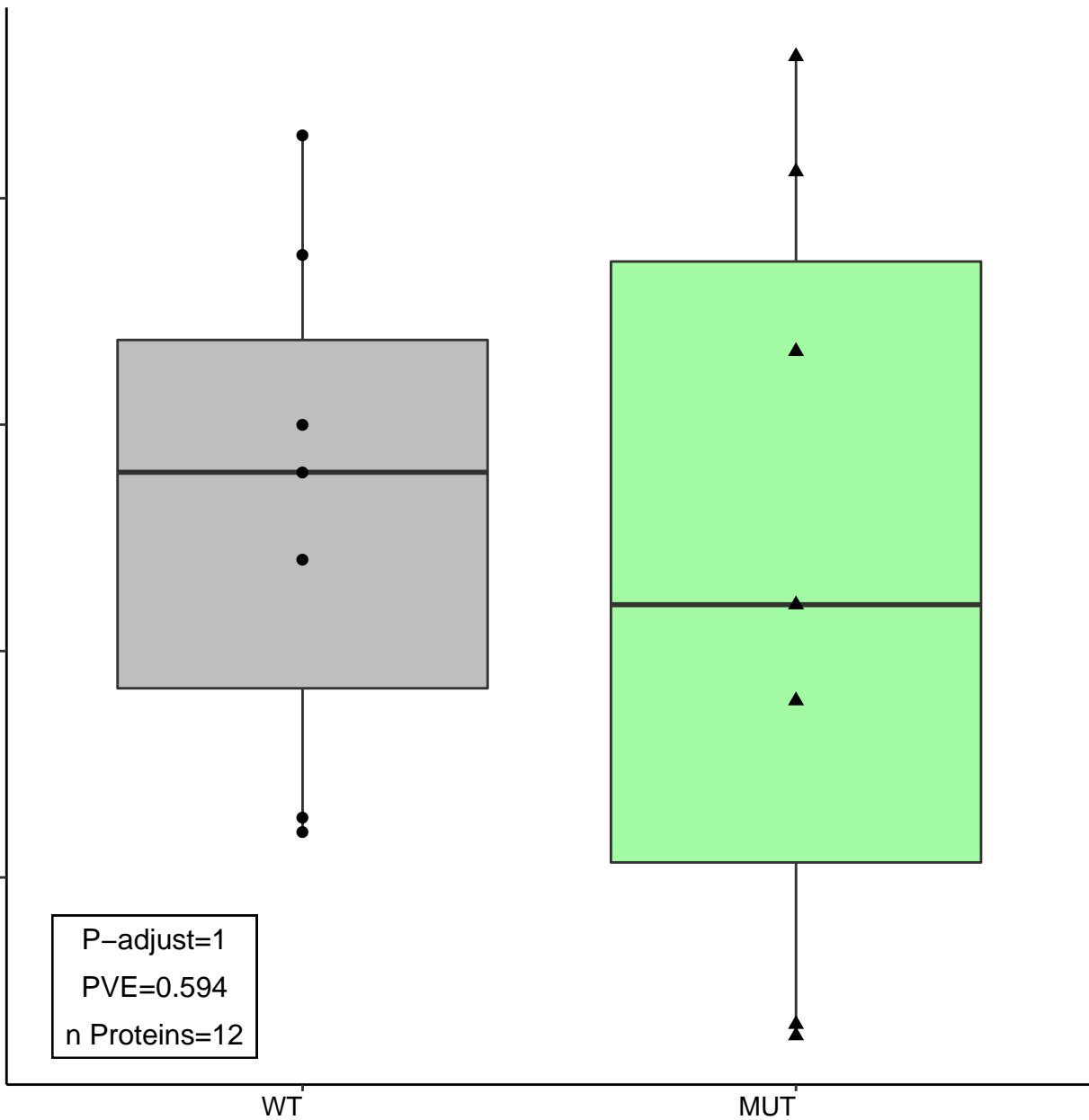
10.14

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

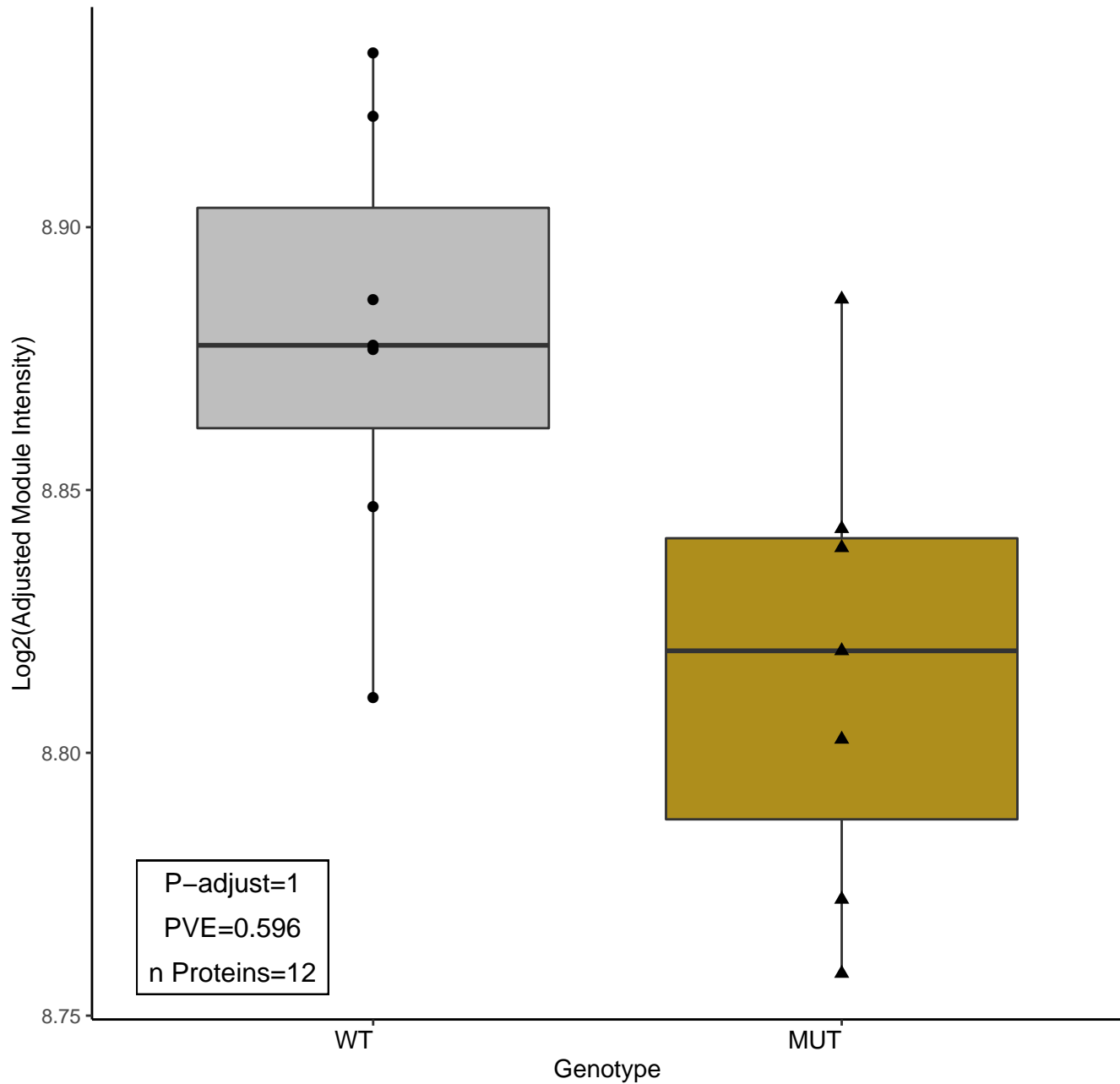
WT

Genotype

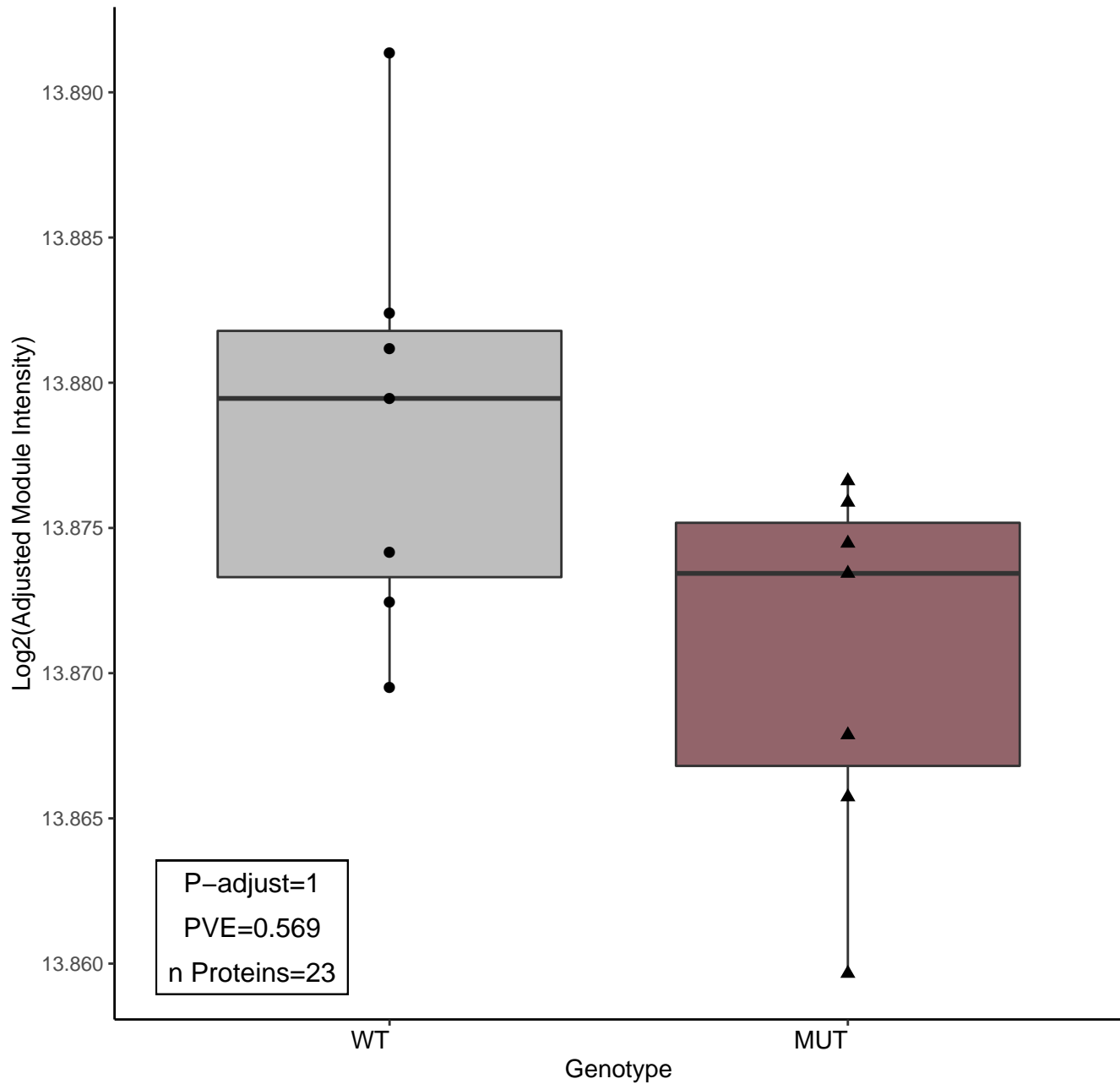
MUT



M203



M204



M205

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Log2(Adjusted Module Intensity)

12.25

12.20

12.15

12.10

WT

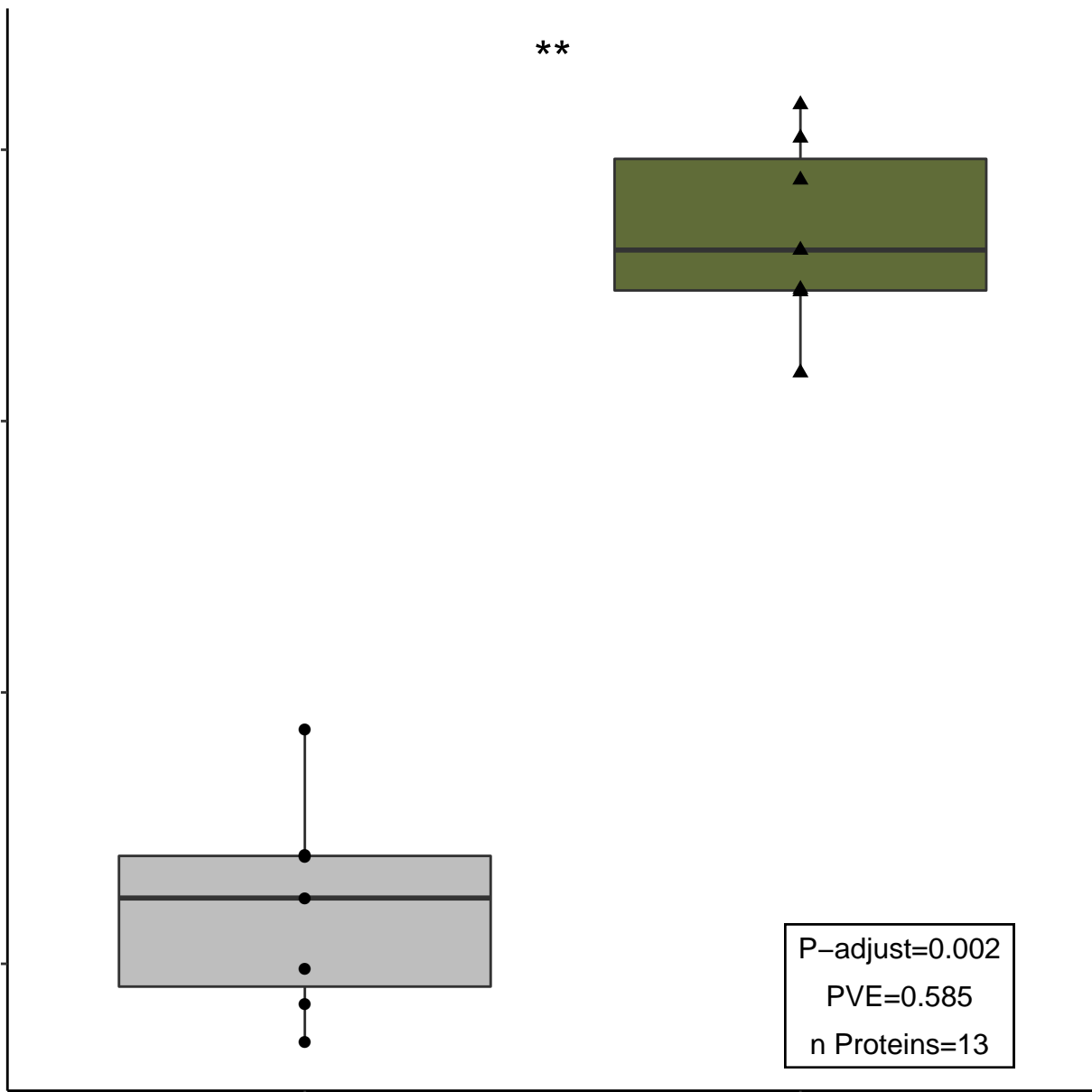
MUT

Genotype

P-adjust=0.002

PVE=0.585

n Proteins=13



M206

Log2(Adjusted Module Intensity)

13.05

13.00

12.95

WT

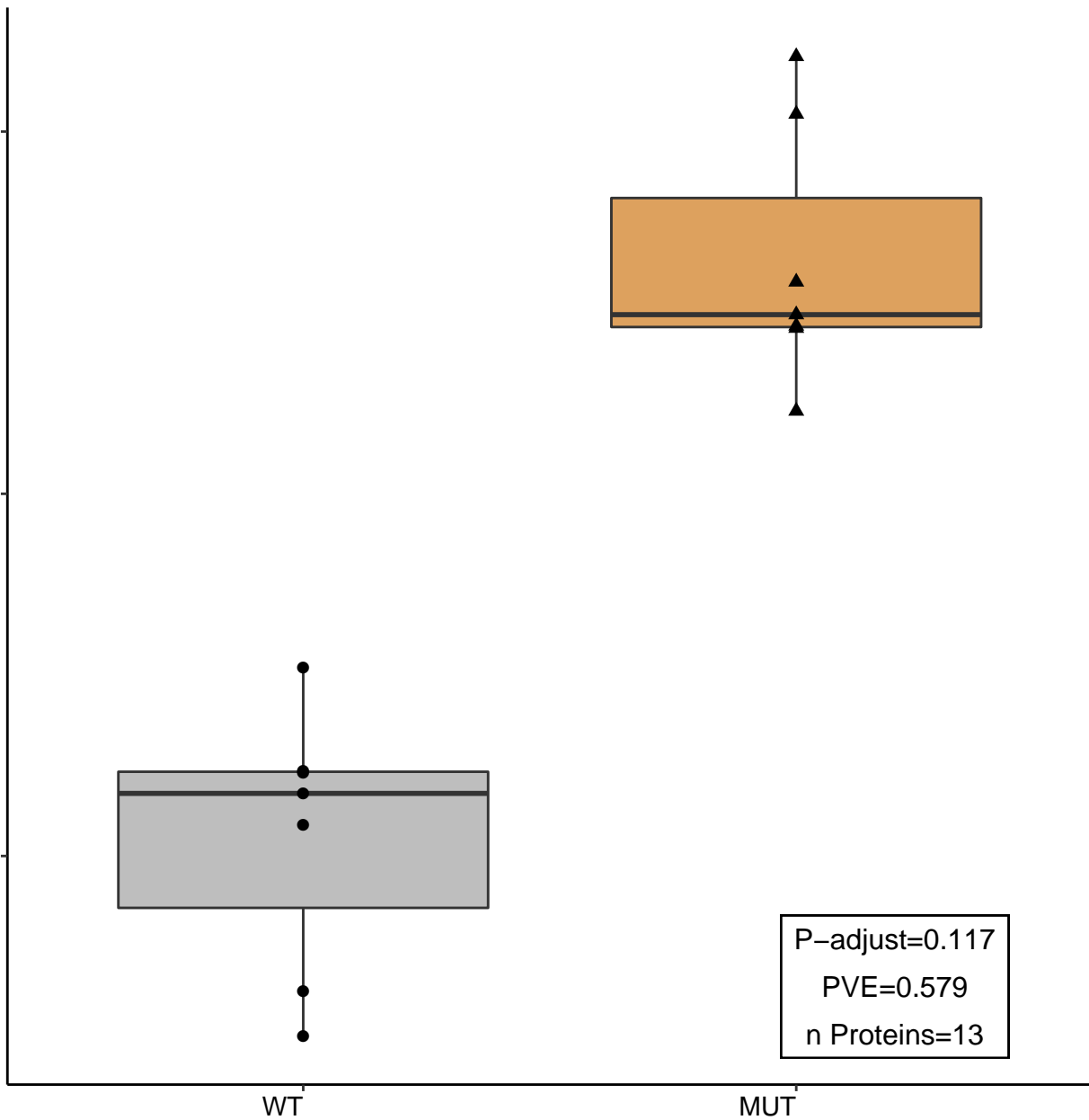
MUT

Genotype

P-adjust=0.117

PVE=0.579

n Proteins=13



M207

Log2(Adjusted Module Intensity)

10.90

10.88

10.86

10.84

WT

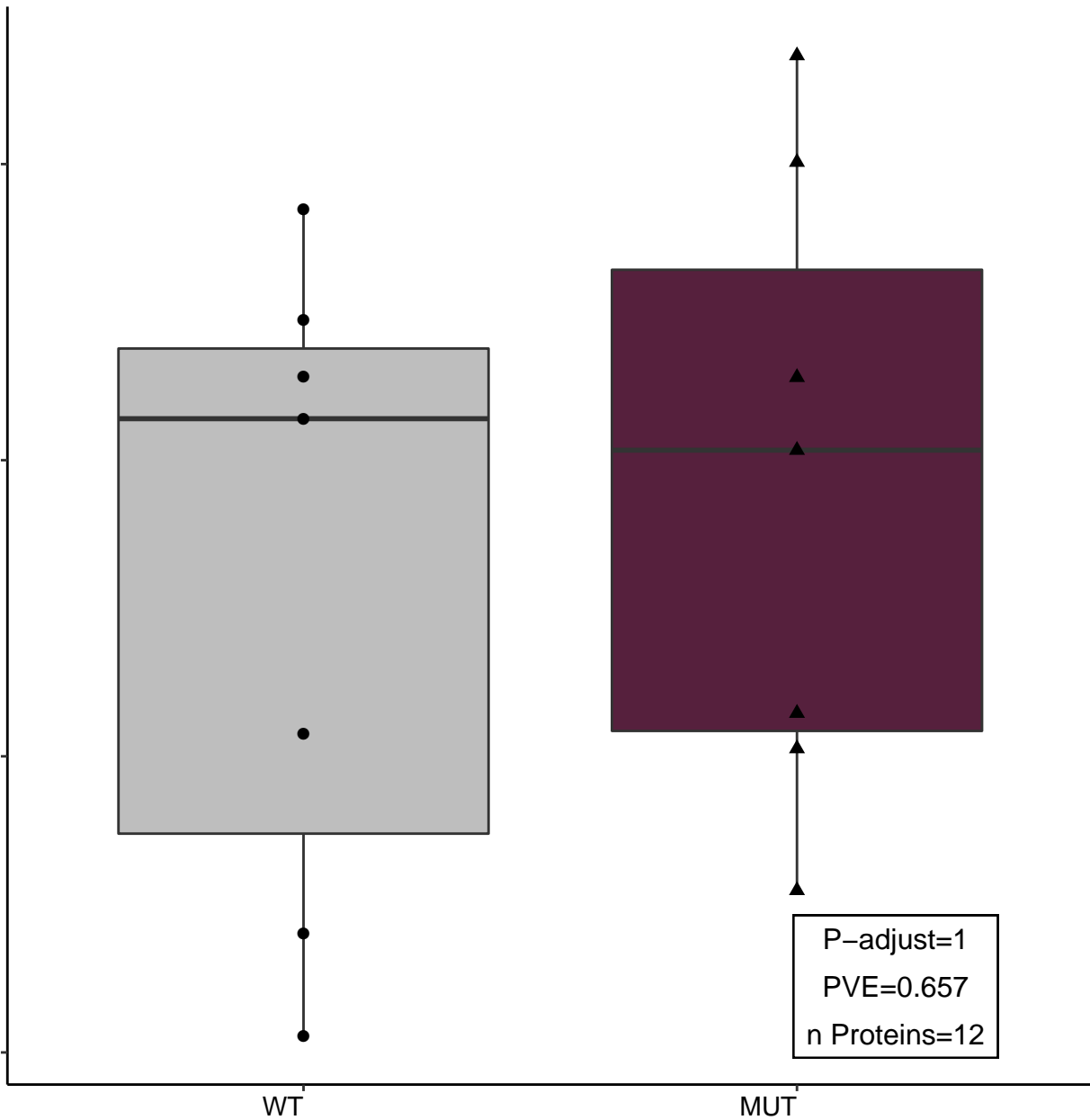
Genotype

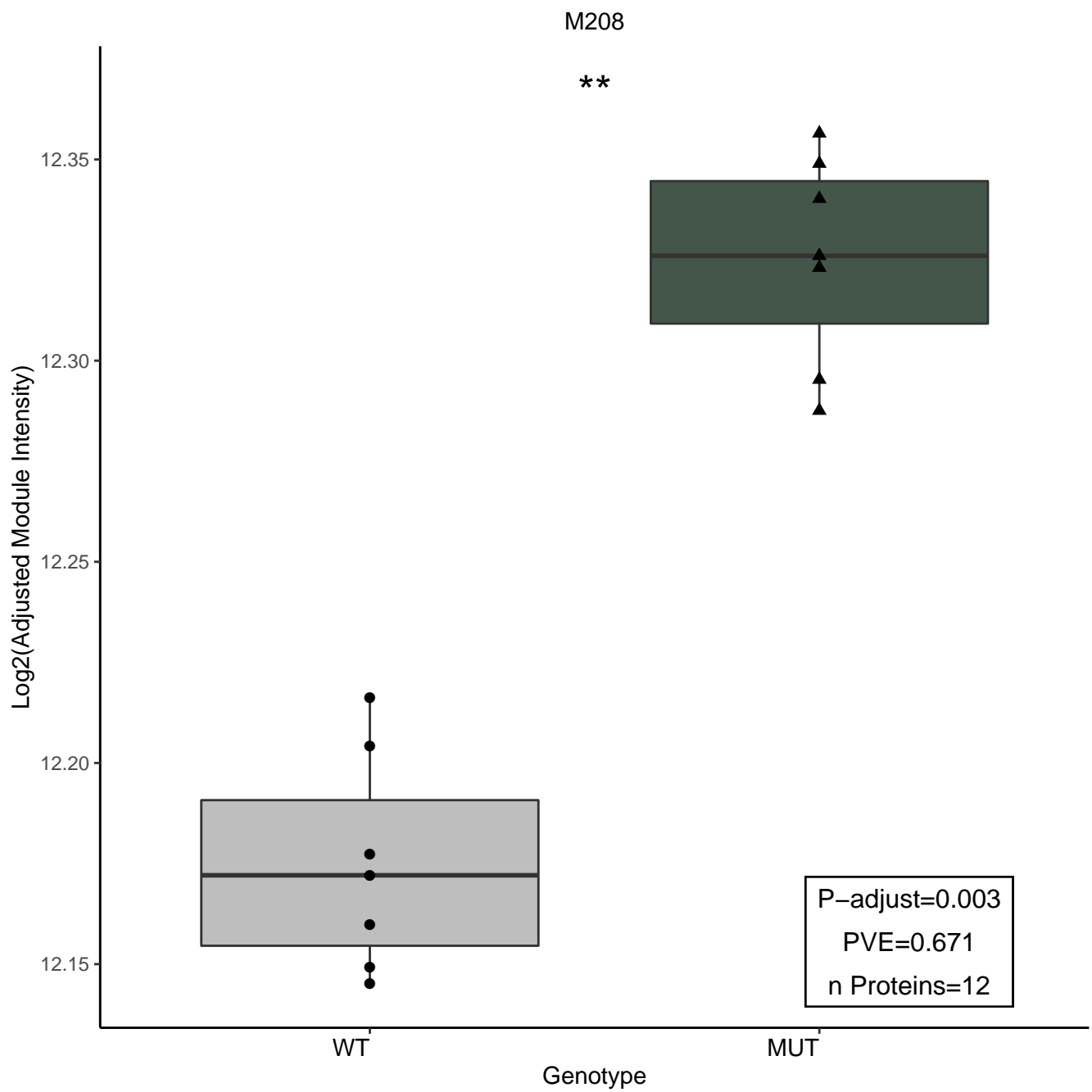
MUT

P-adjust=1

PVE=0.657

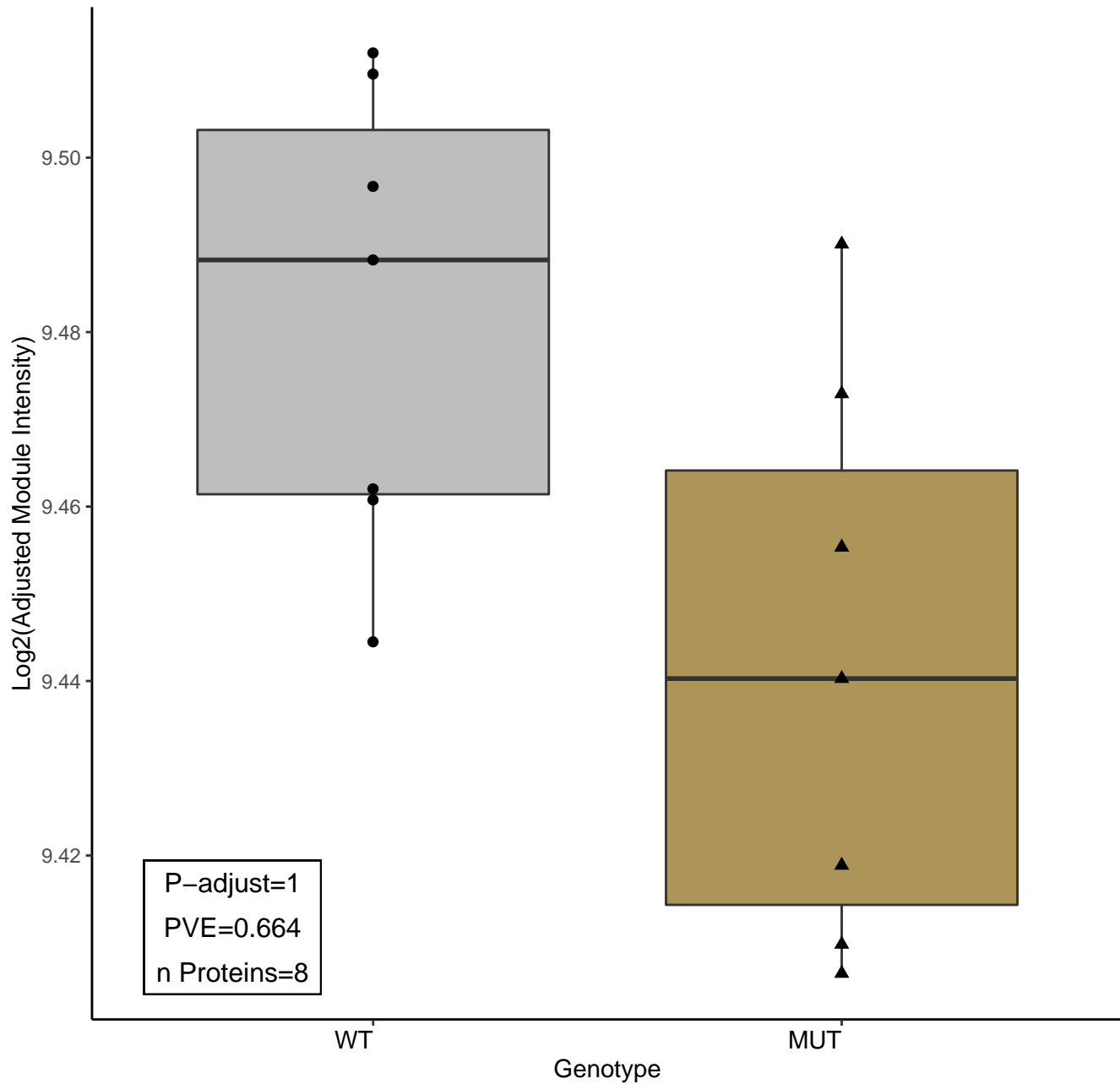
n Proteins=12



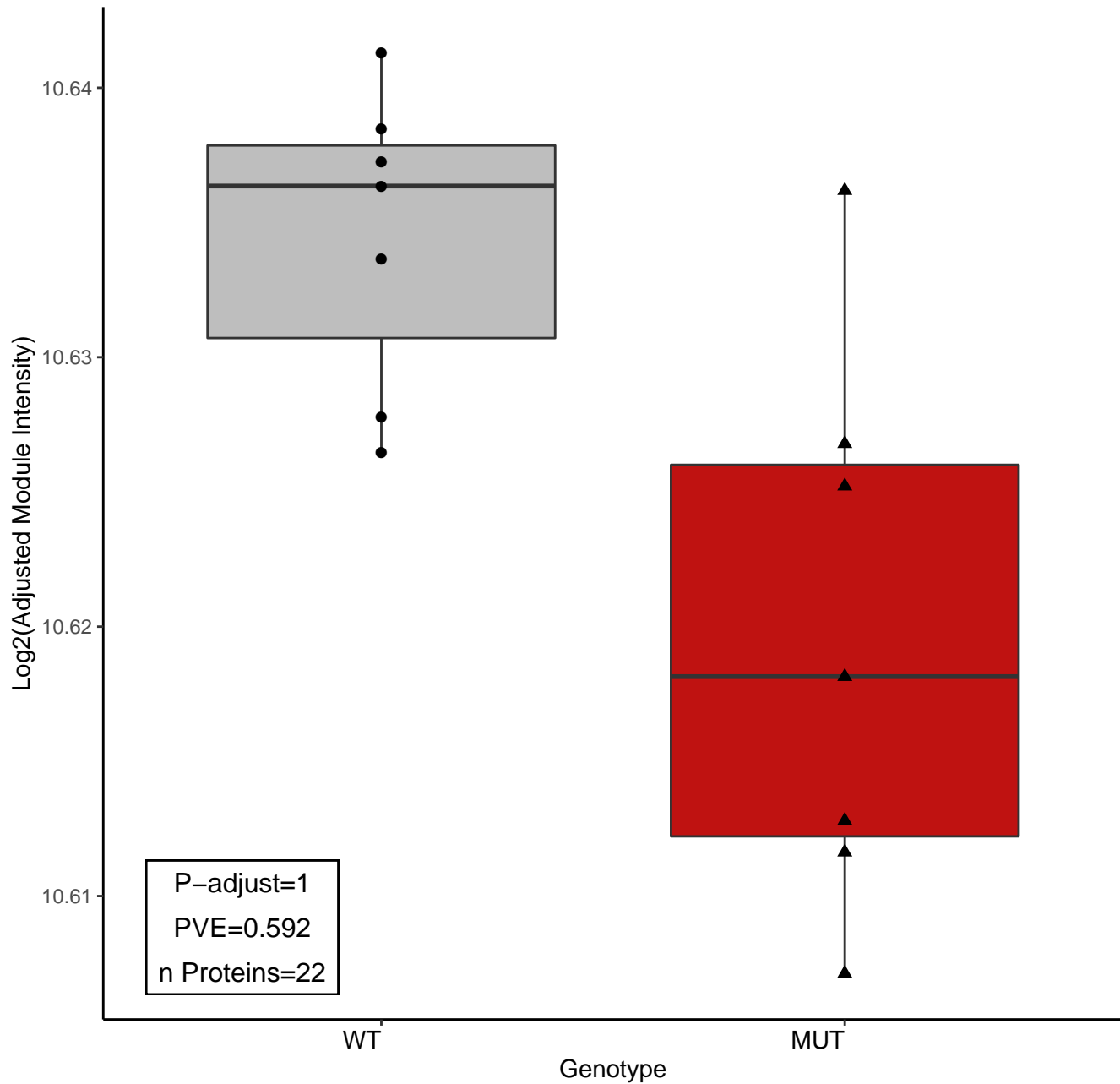




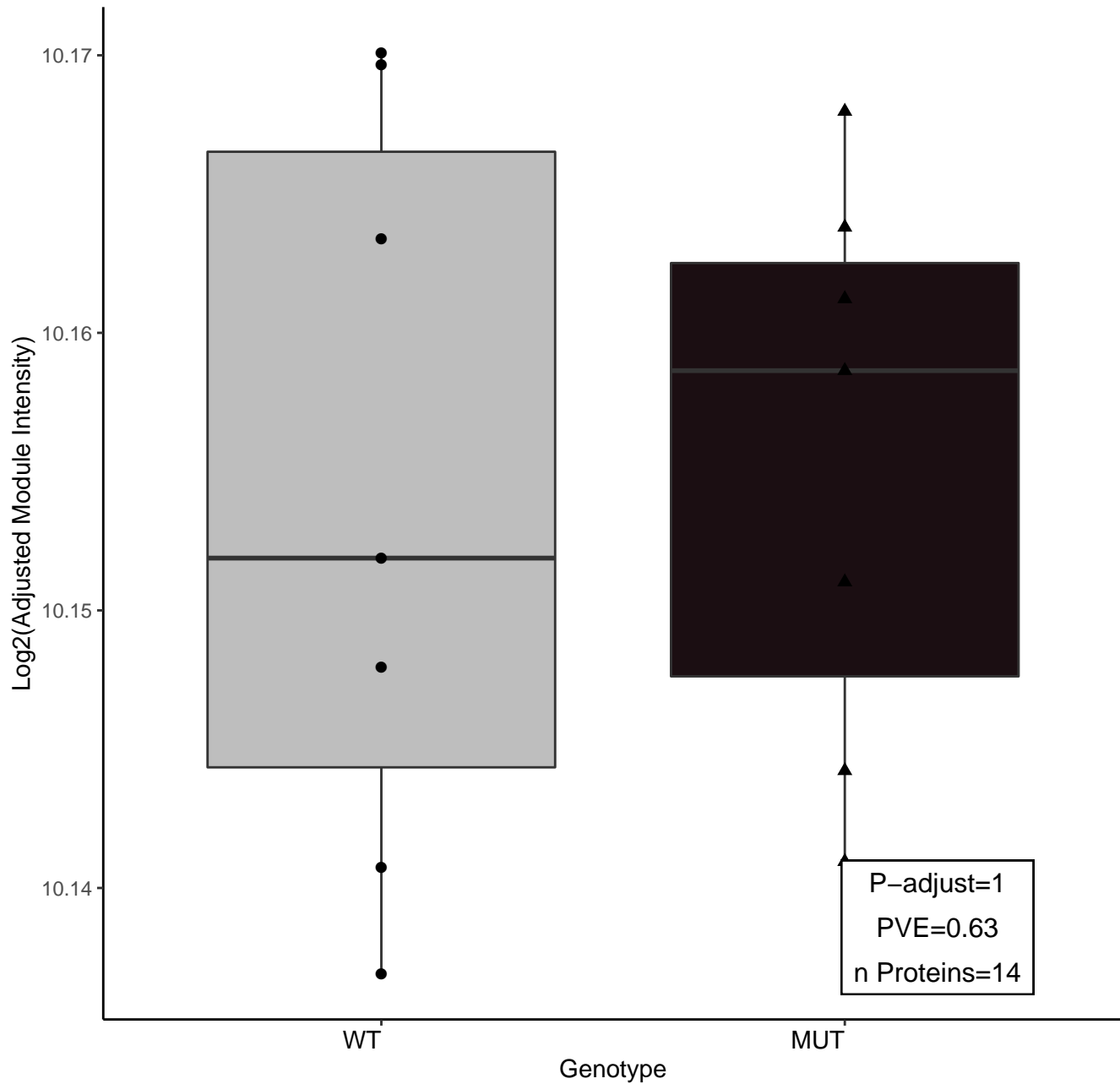
M209



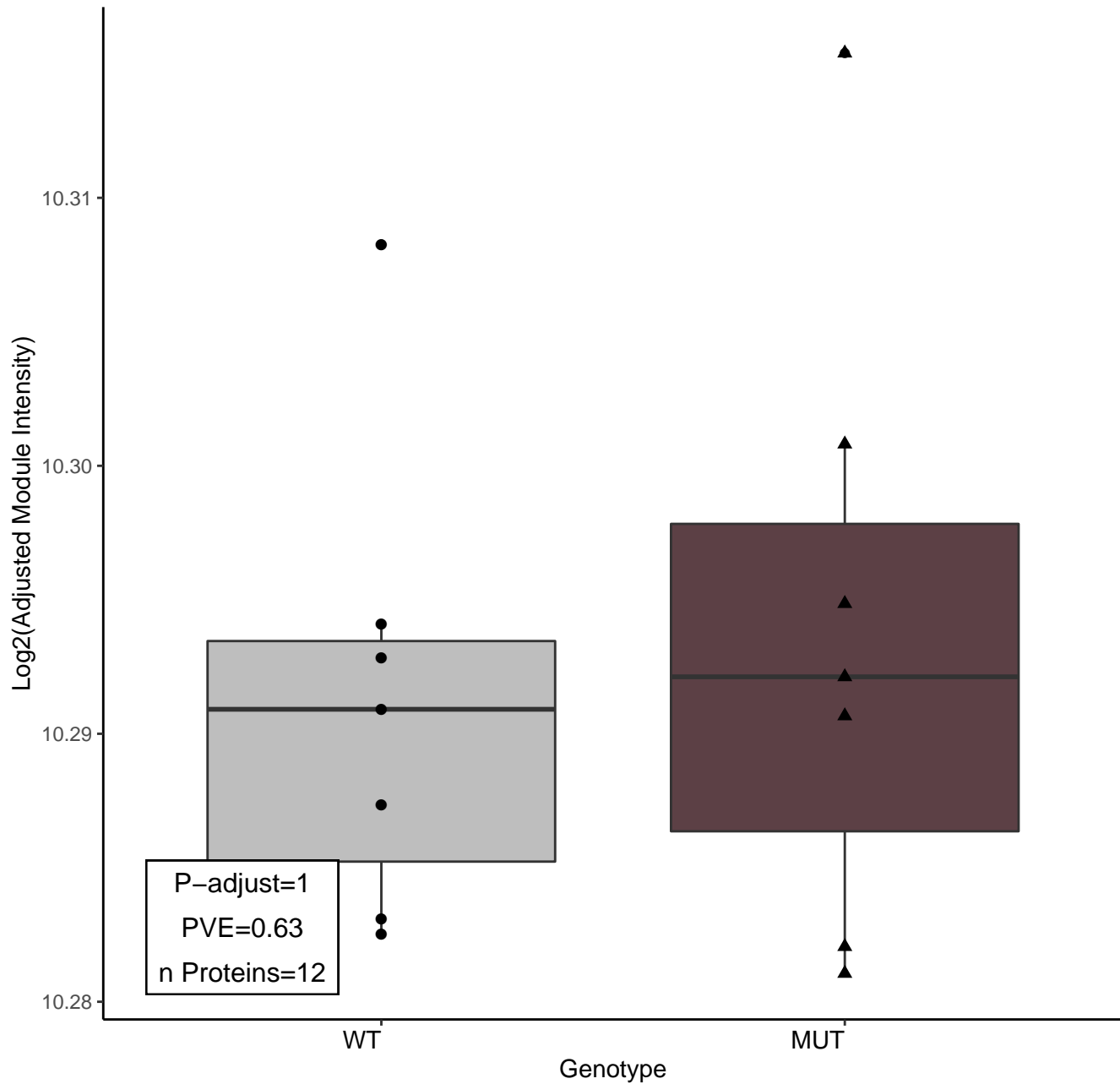
M210



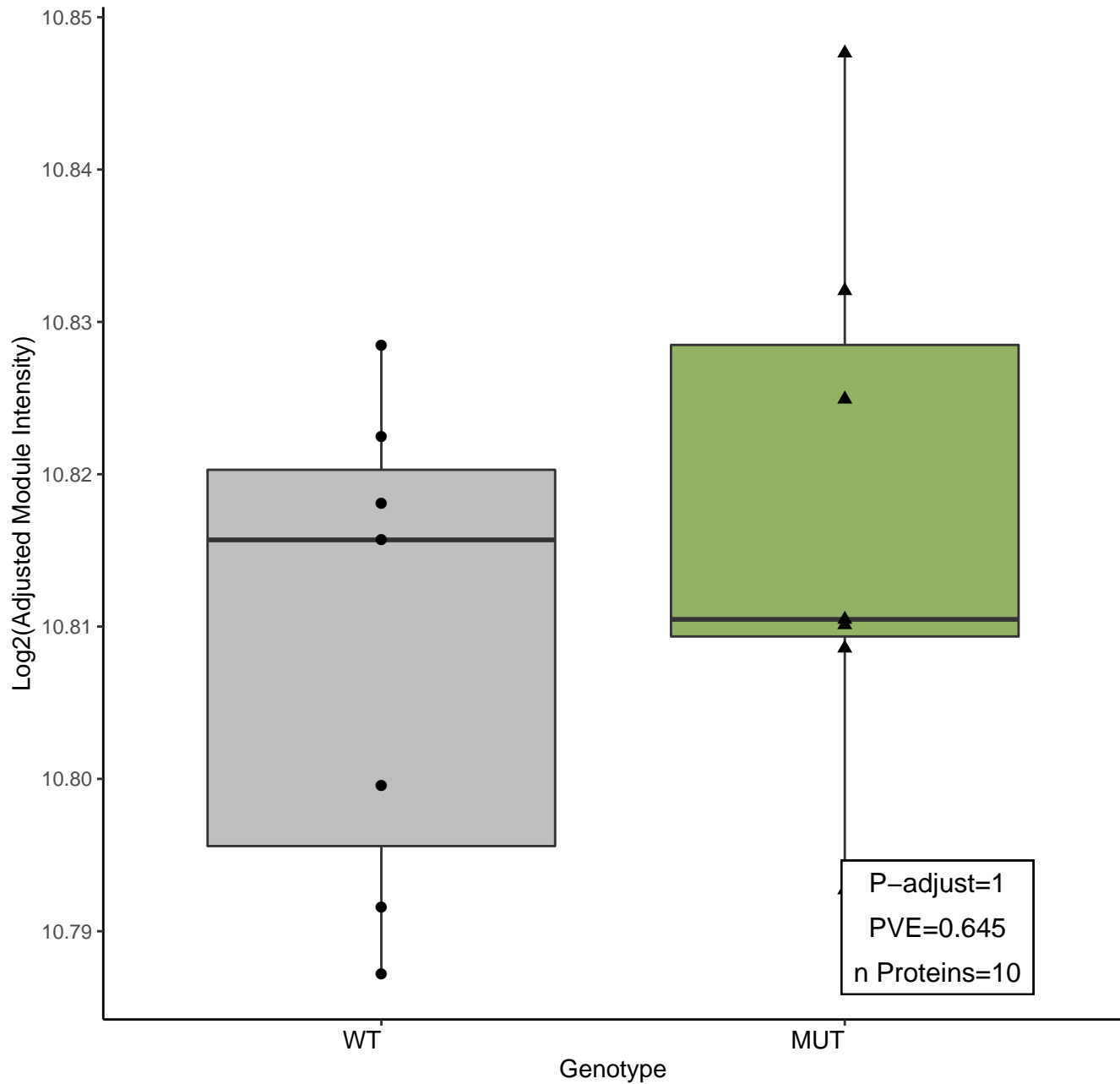
M211



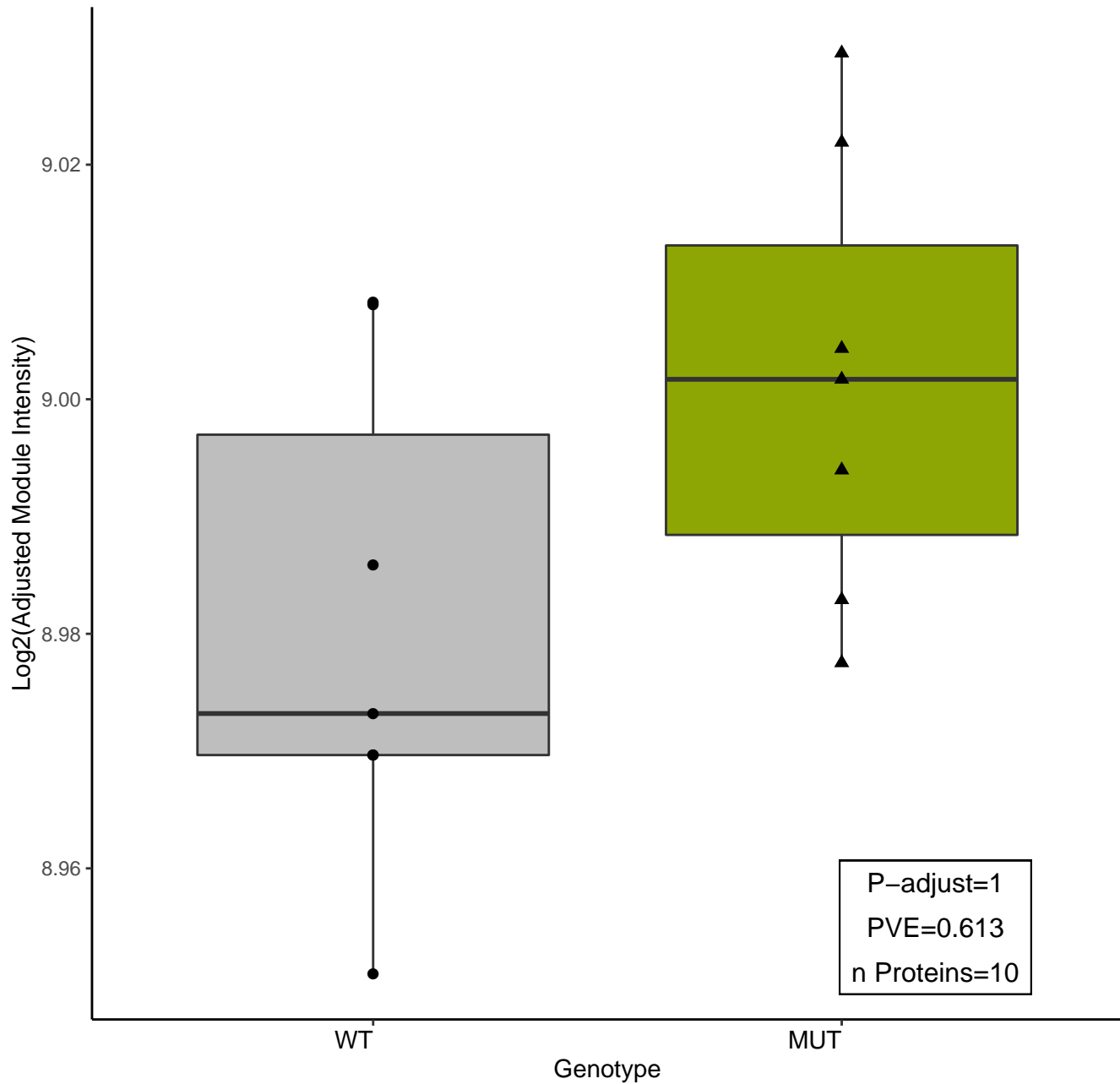
M212

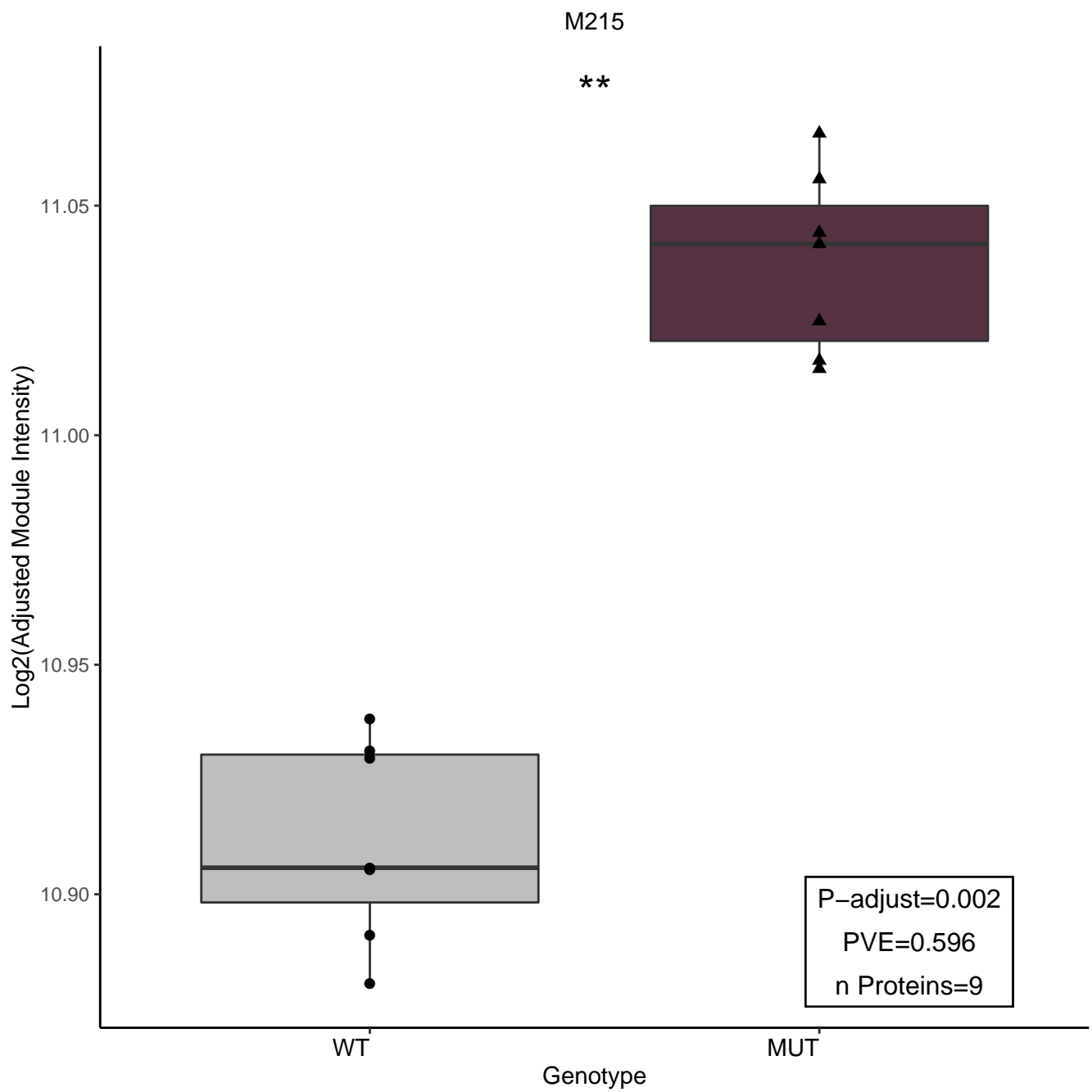


M213

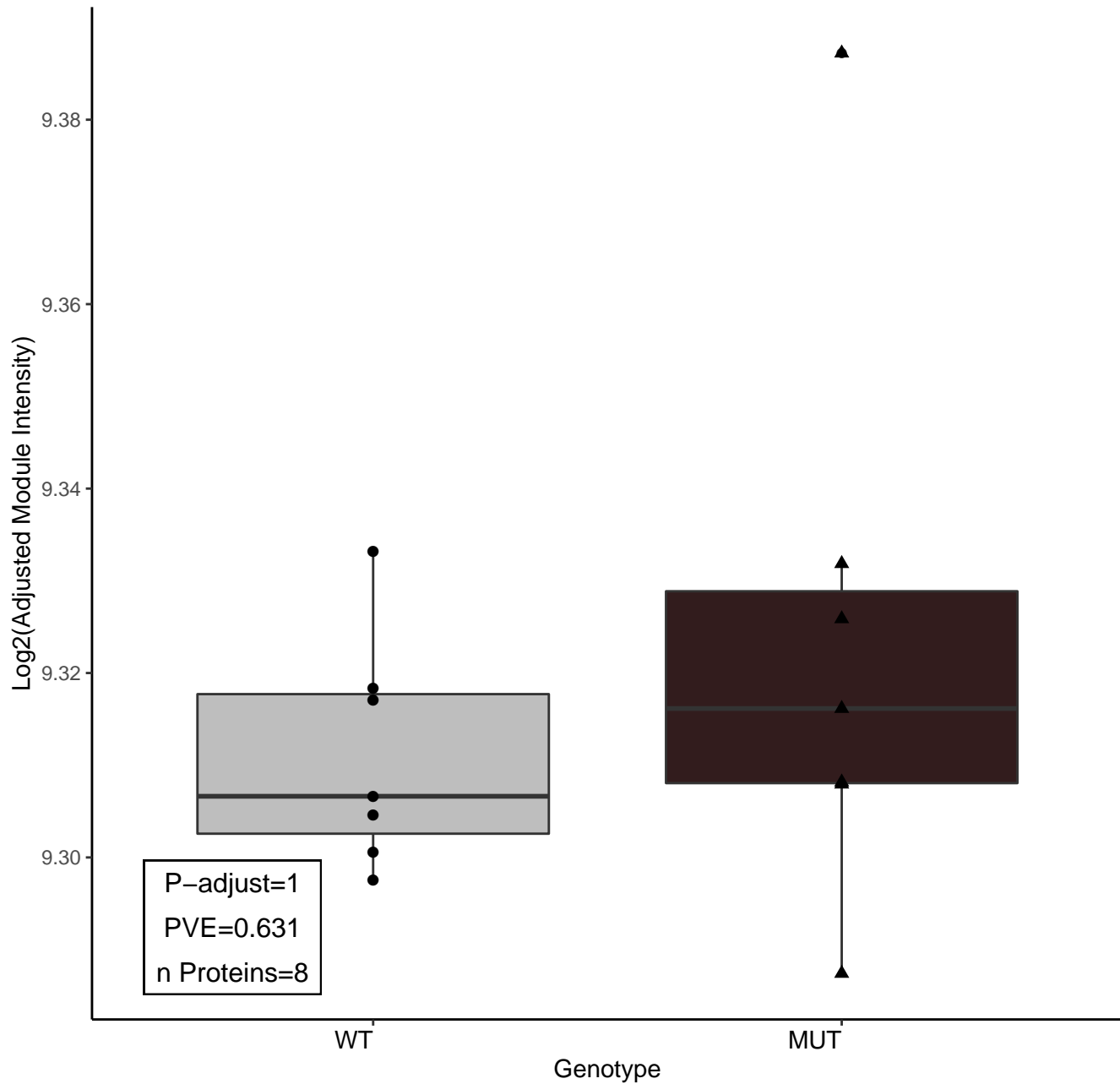


M214



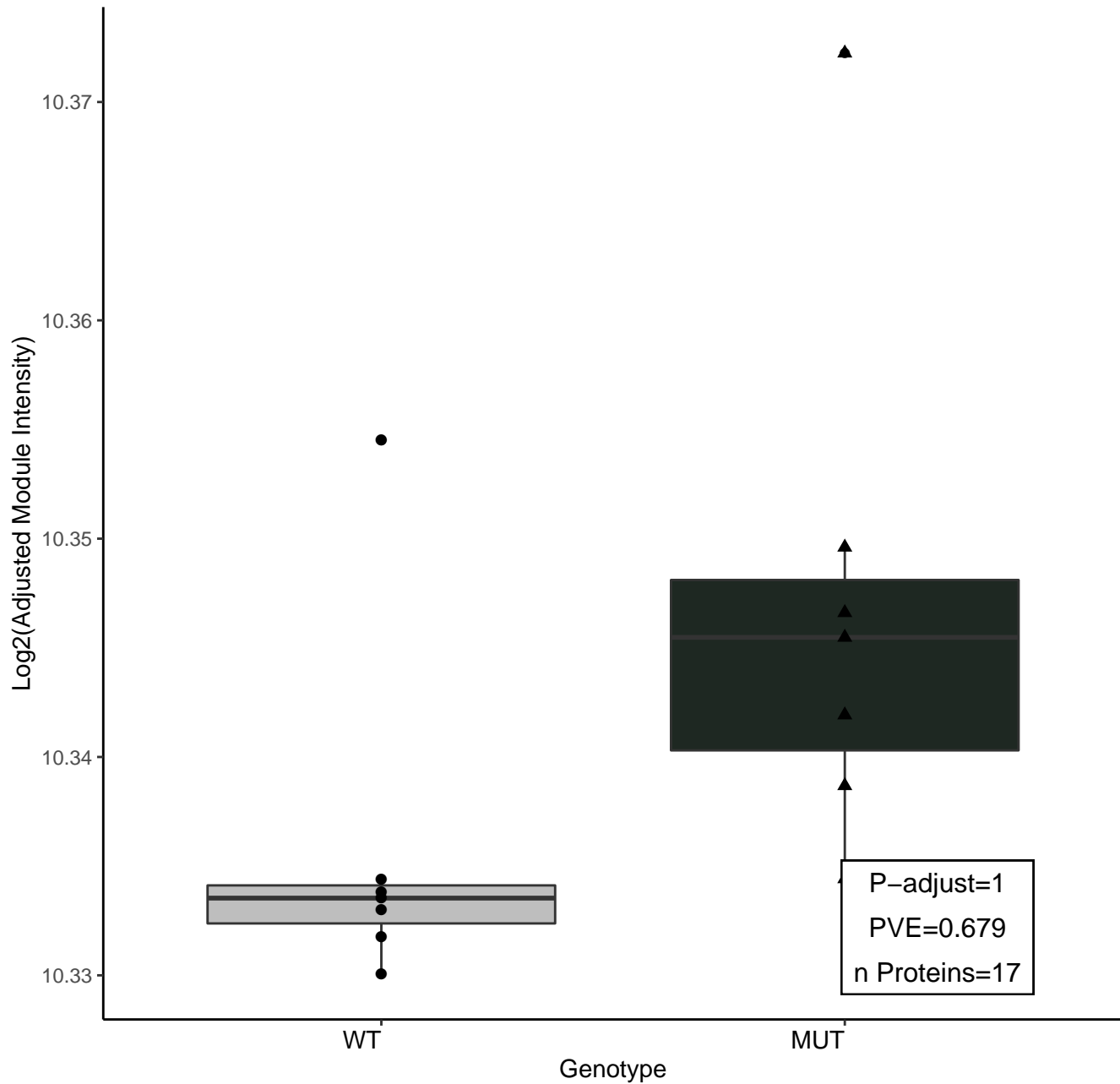


M216

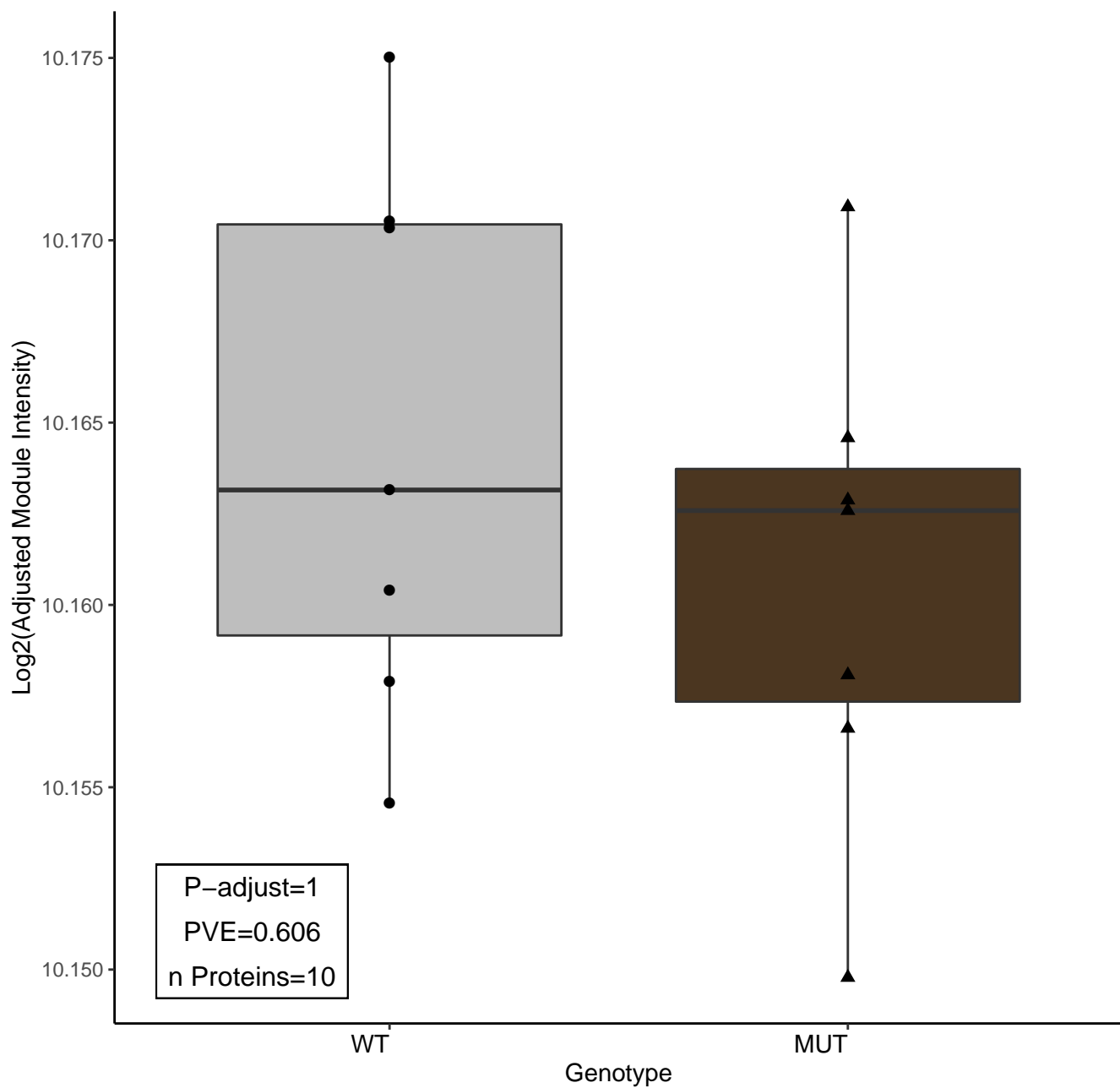


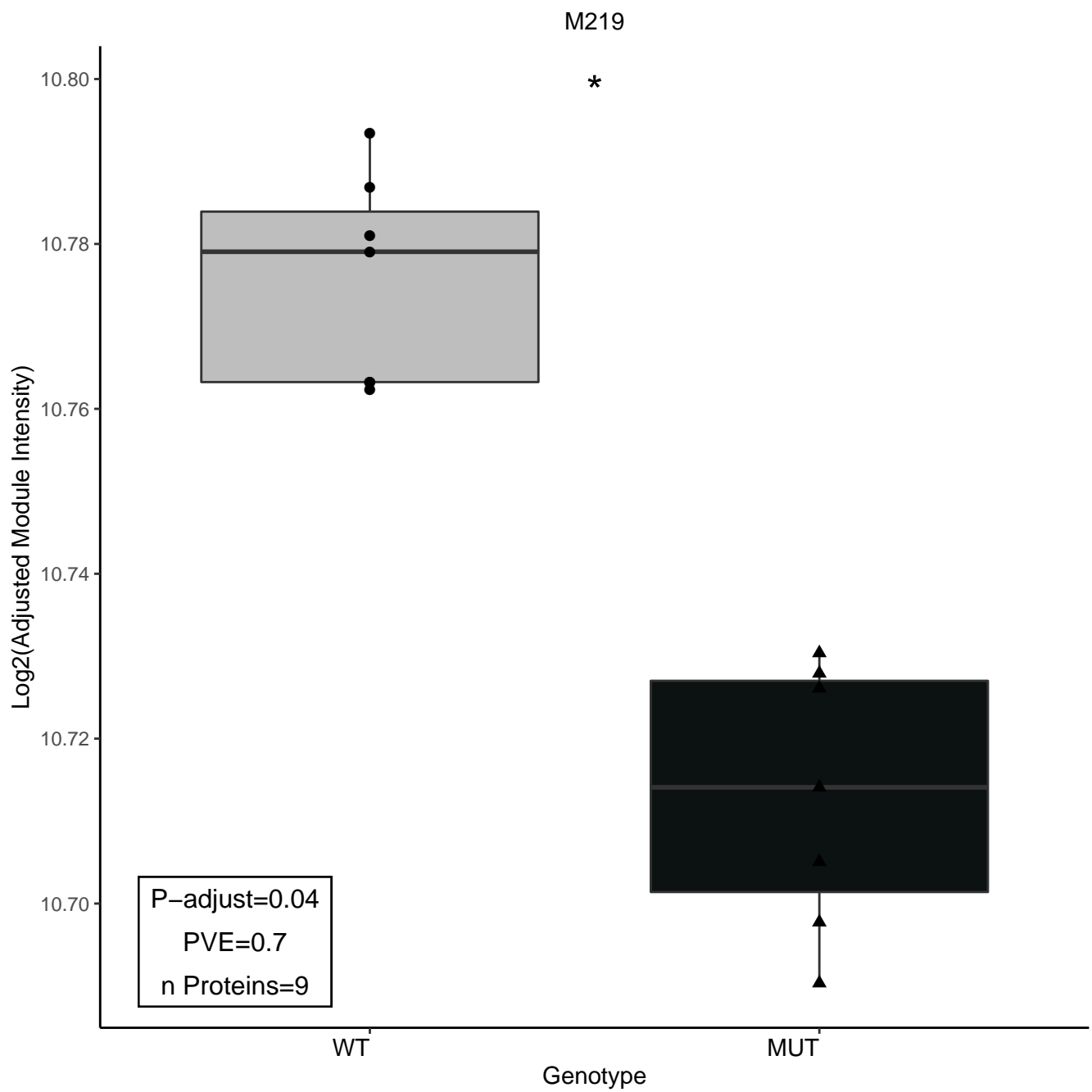


M217



M218





M220

Log2(Adjusted Module Intensity)

10.66

10.64

10.62

P-adjust=0.654

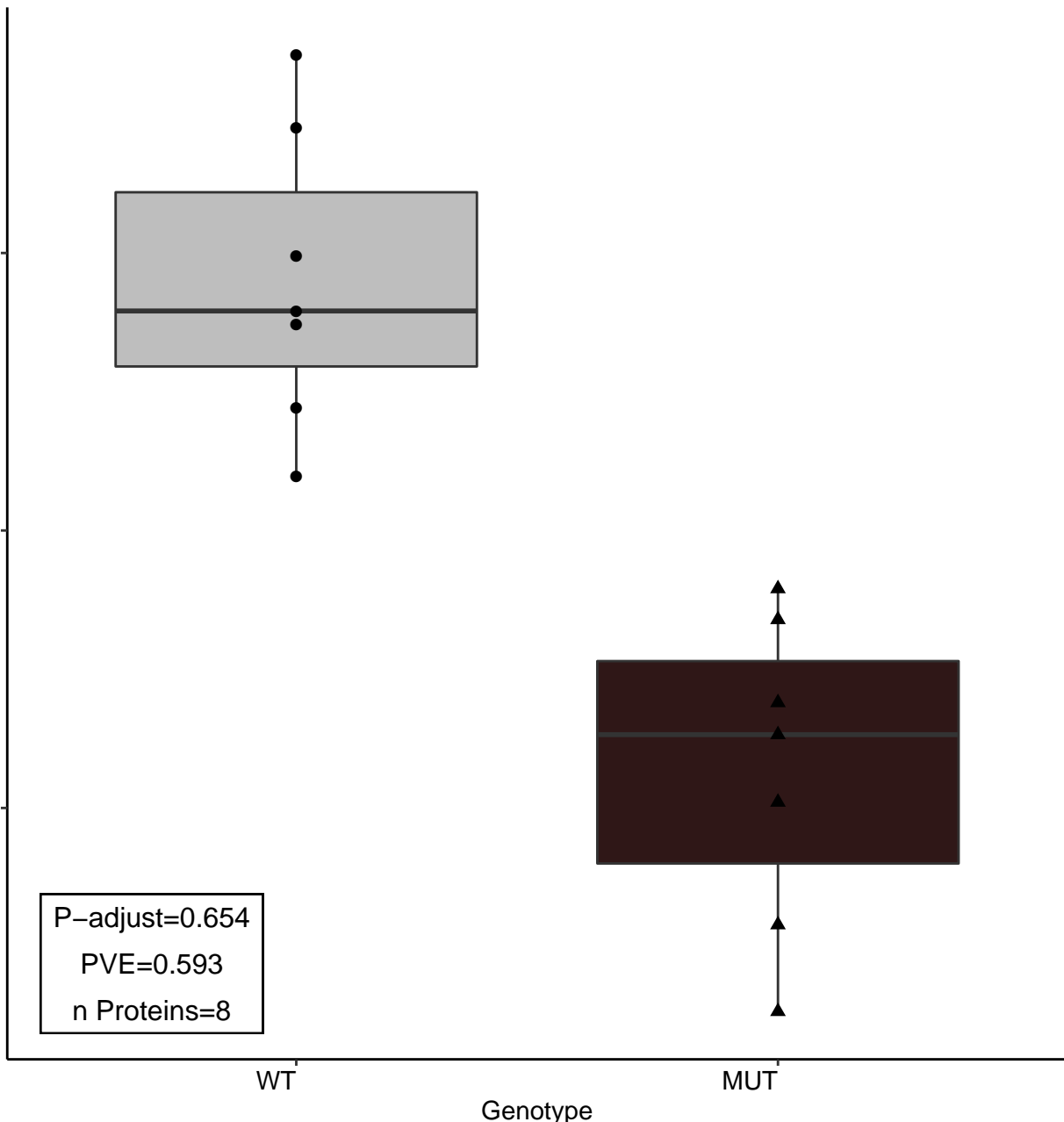
PVE=0.593

n Proteins=8

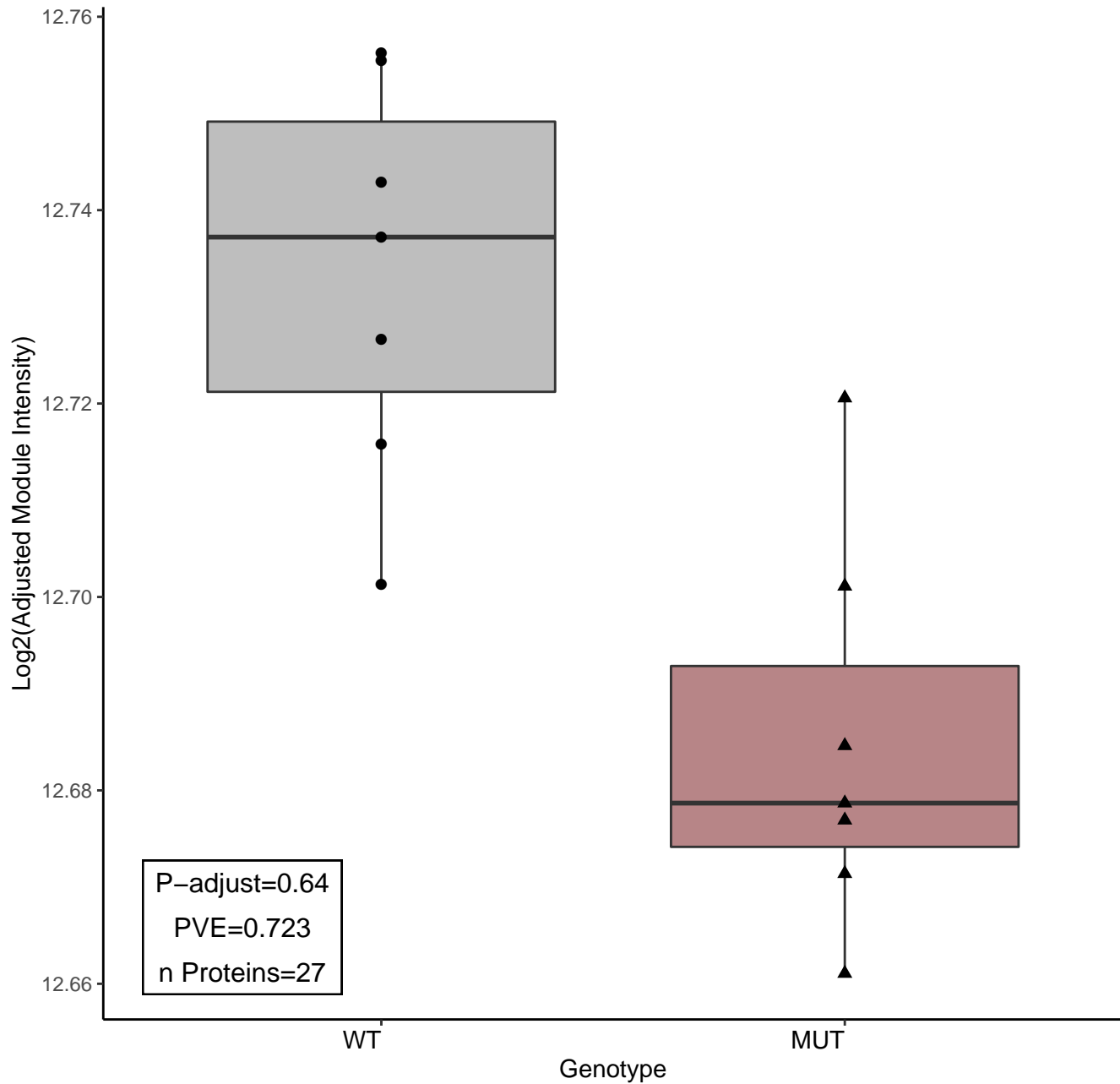
WT

Genotype

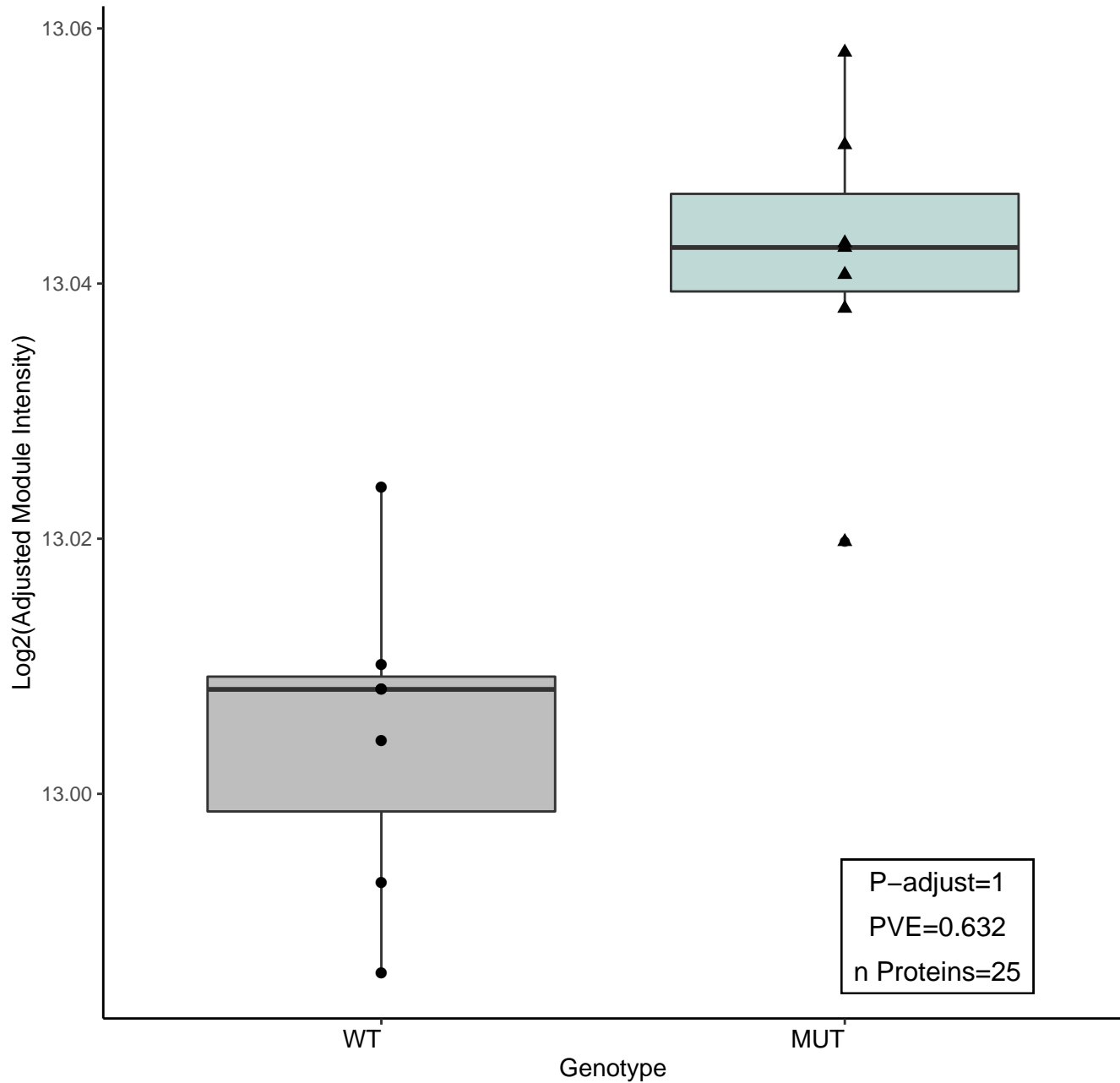
MUT

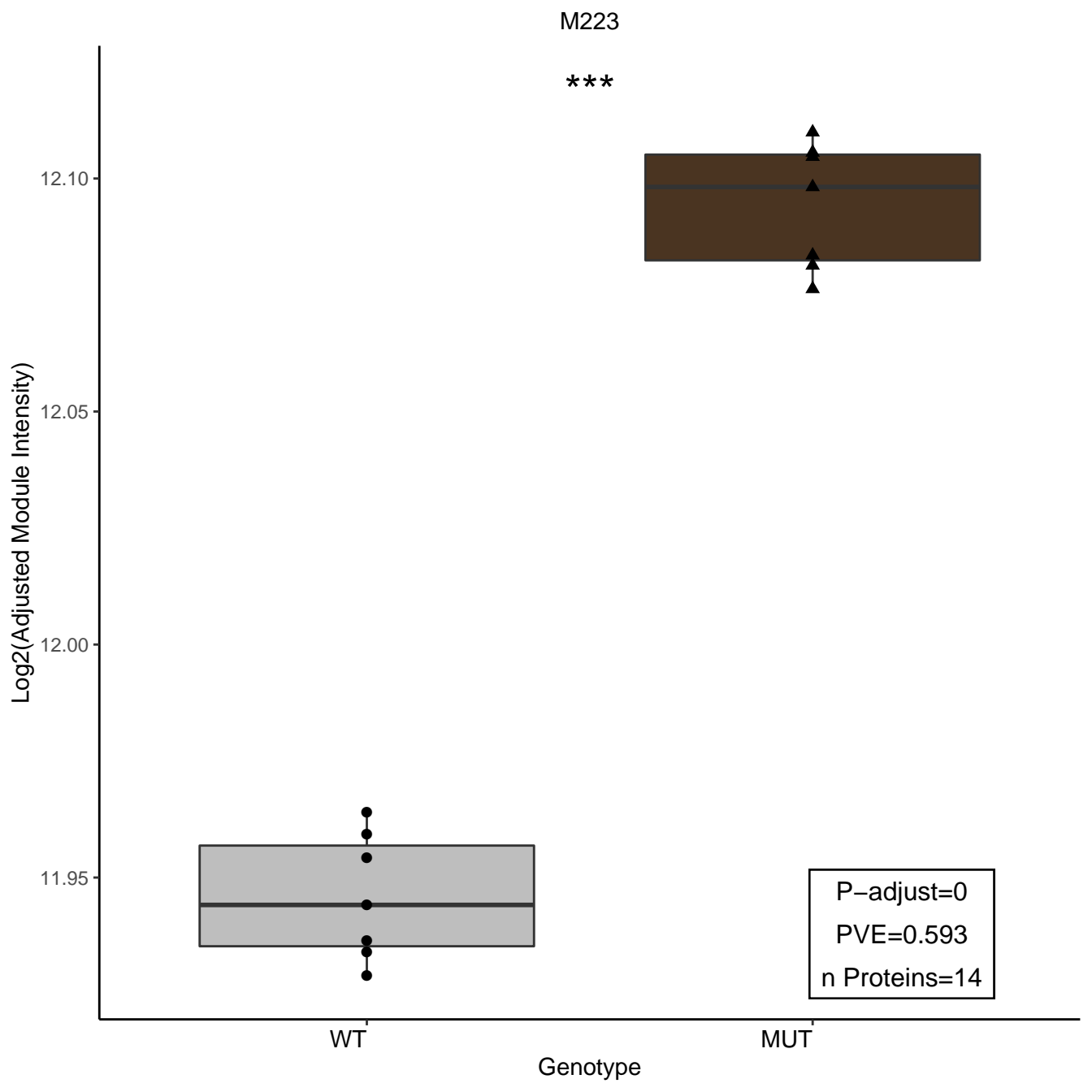


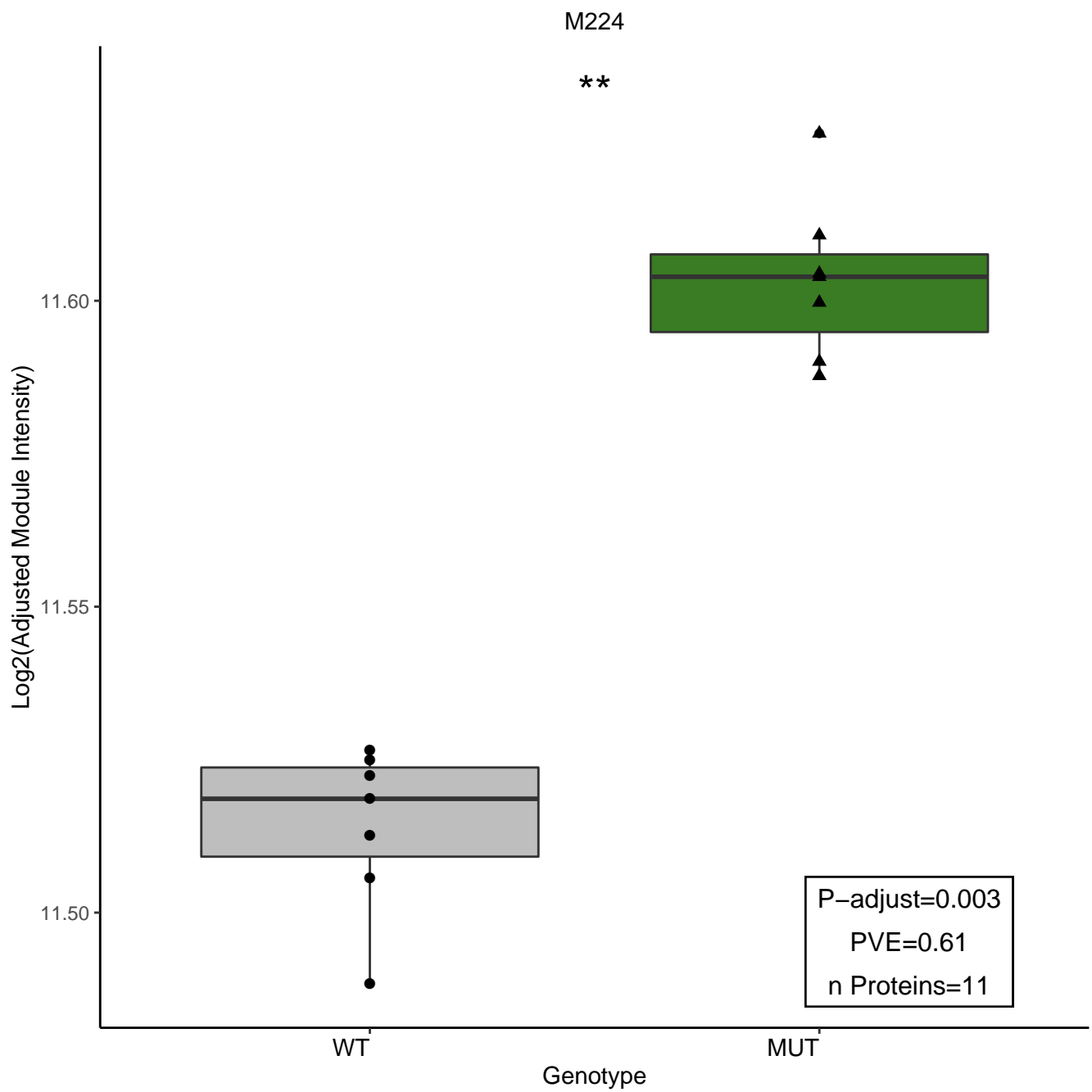
M221



M222









M225

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Log2(Adjusted Module Intensity)

10.62

10.60

10.58

10.56

10.54

10.52

10.50

P-adjust=0.001

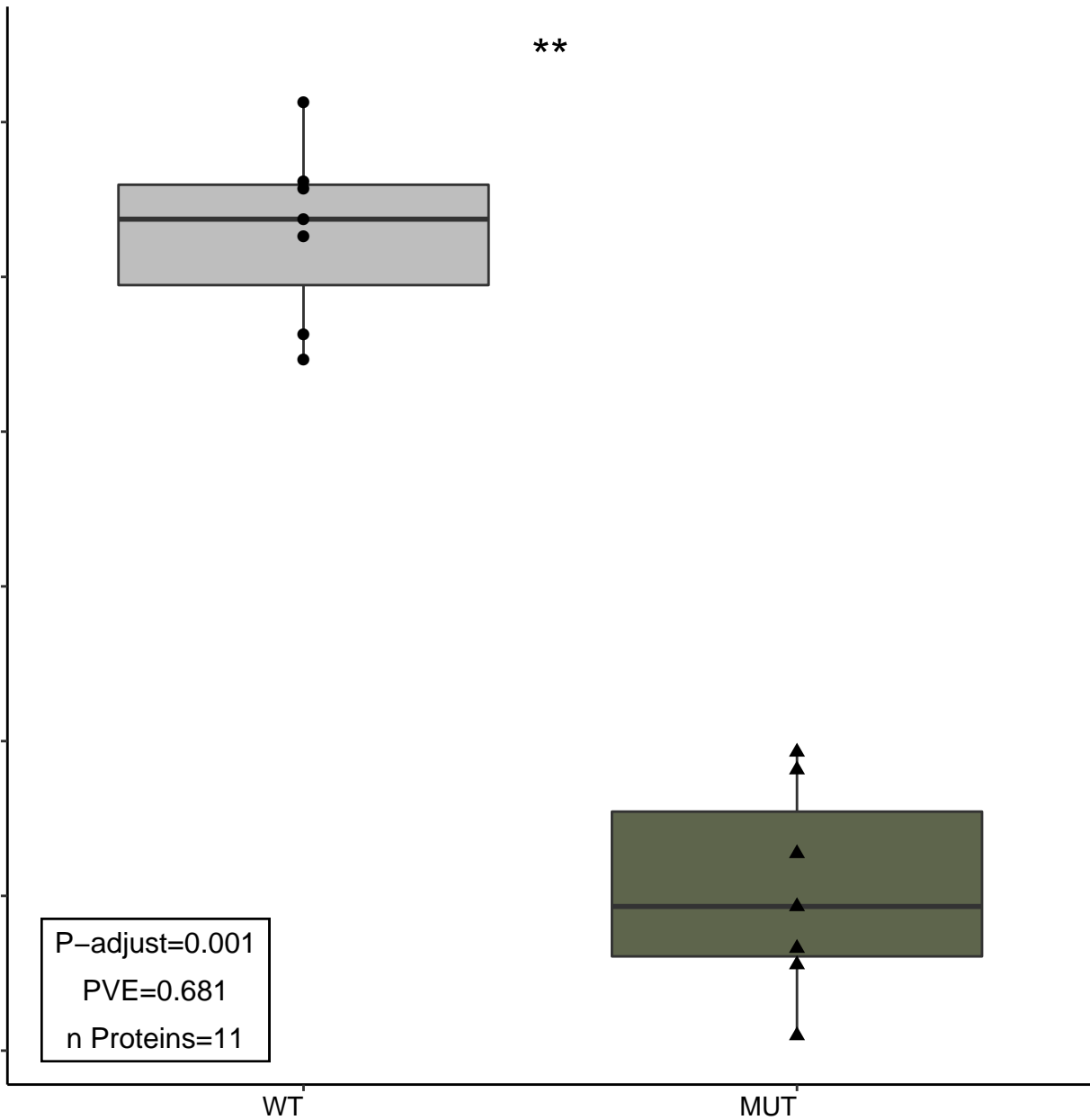
PVE=0.681

n Proteins=11

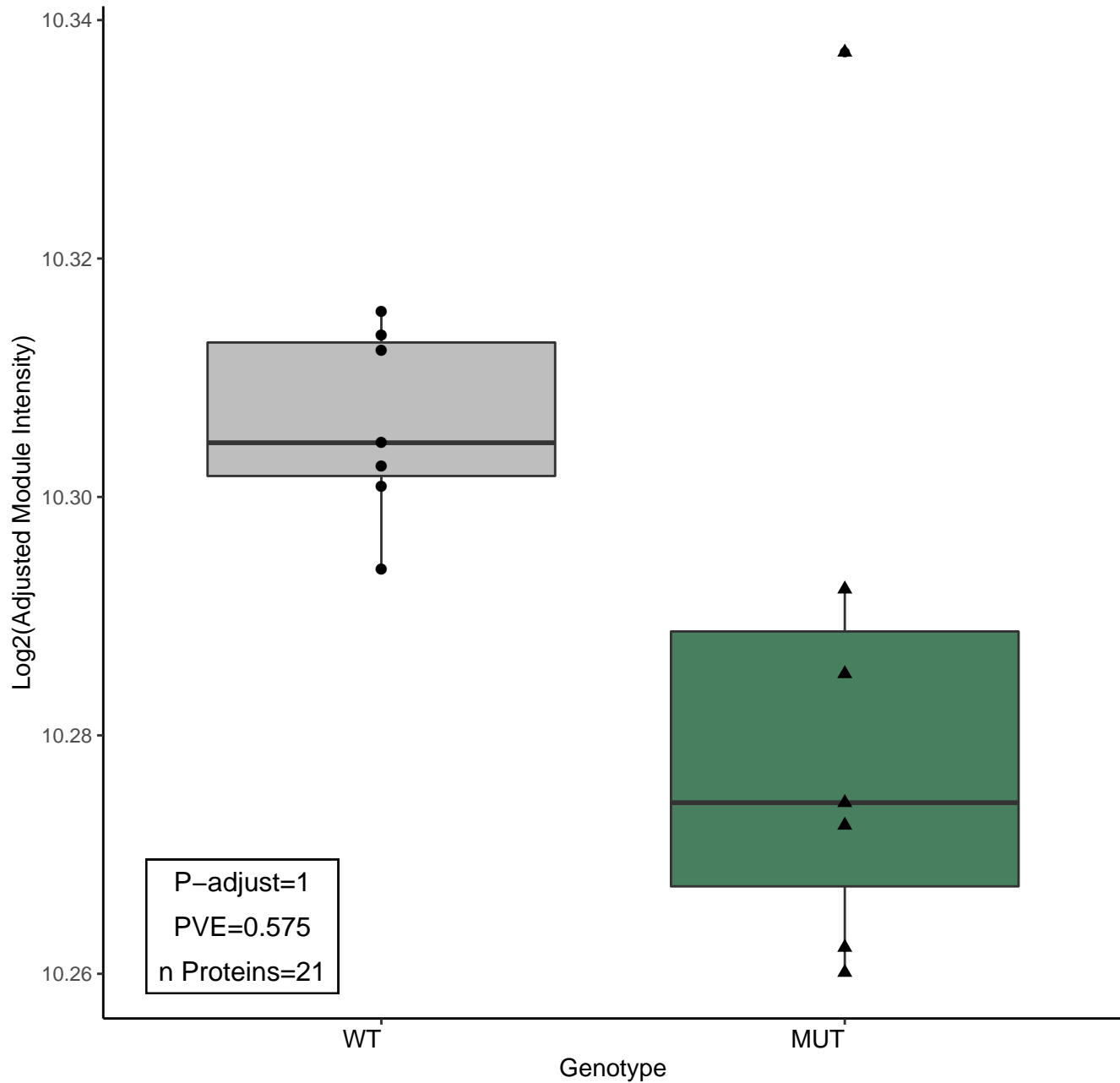
WT

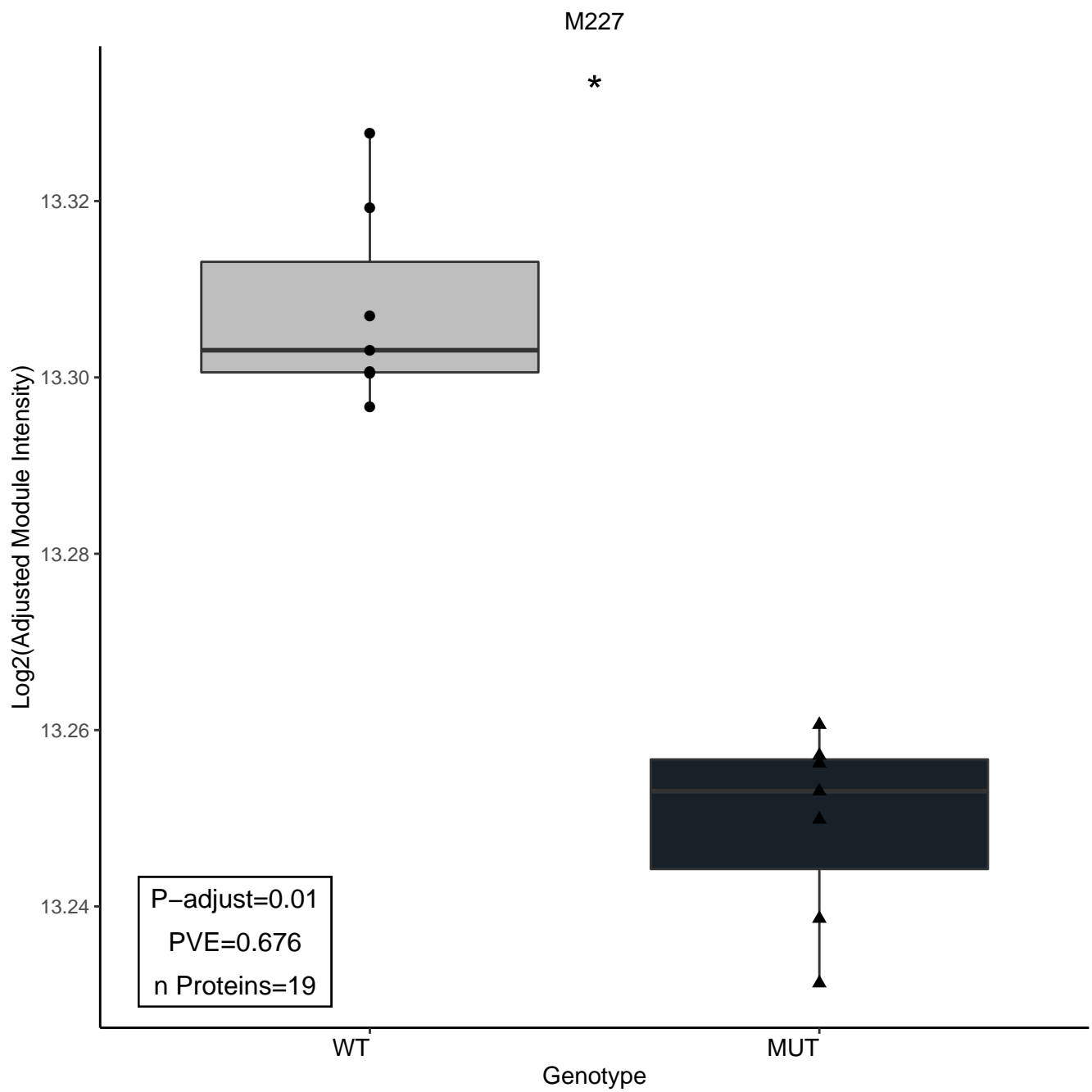
Genotype

MUT

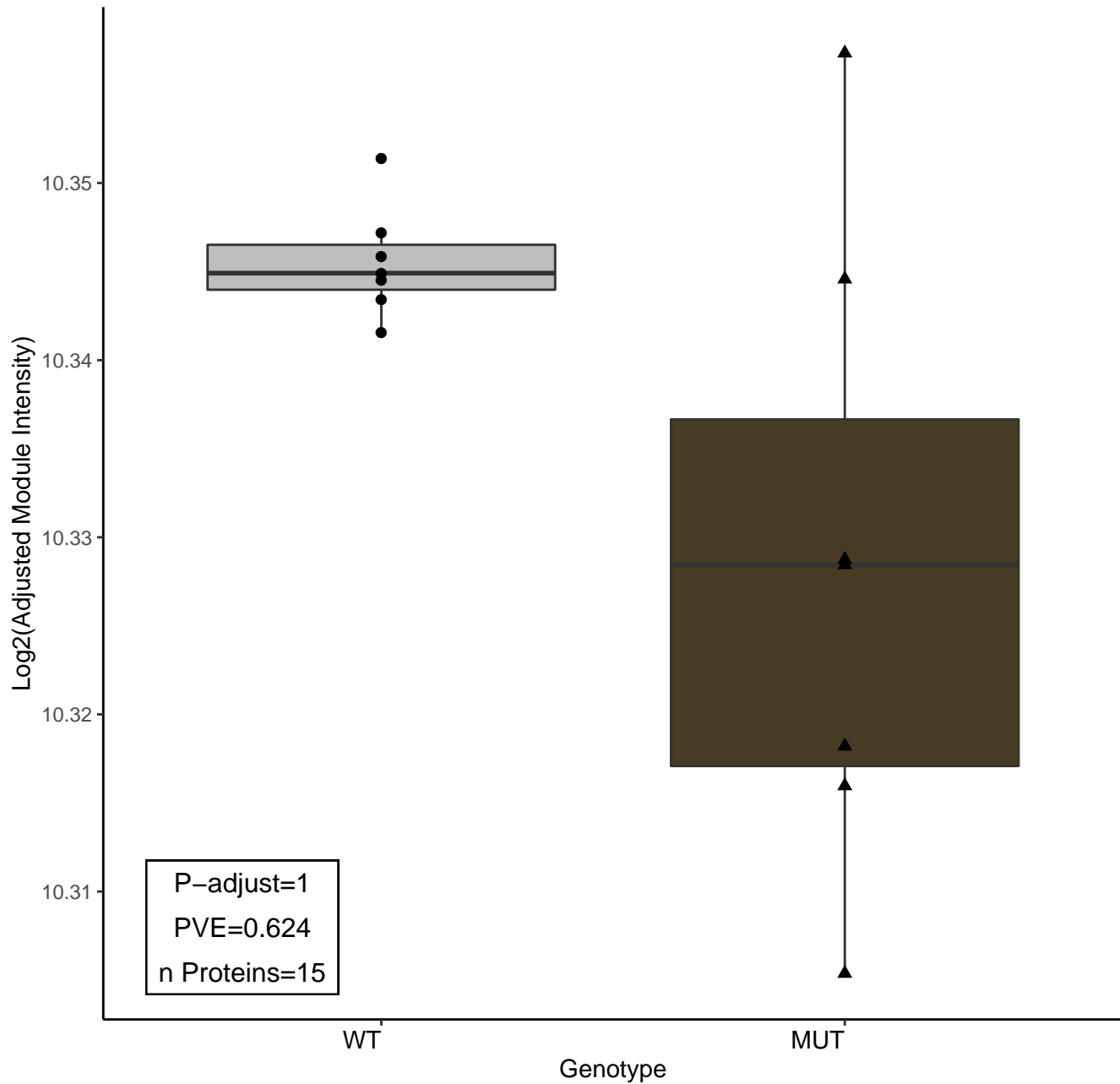


M226

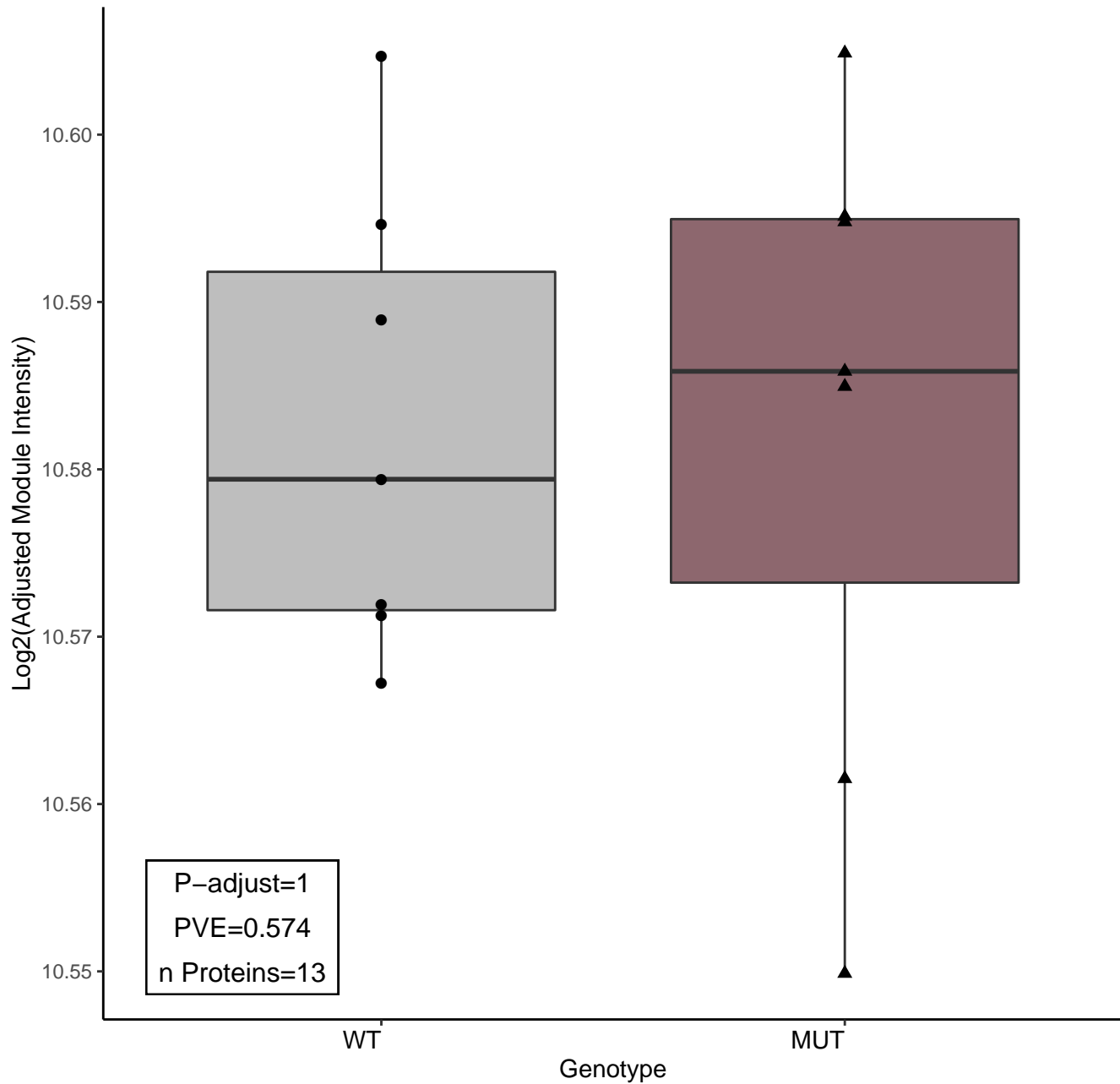




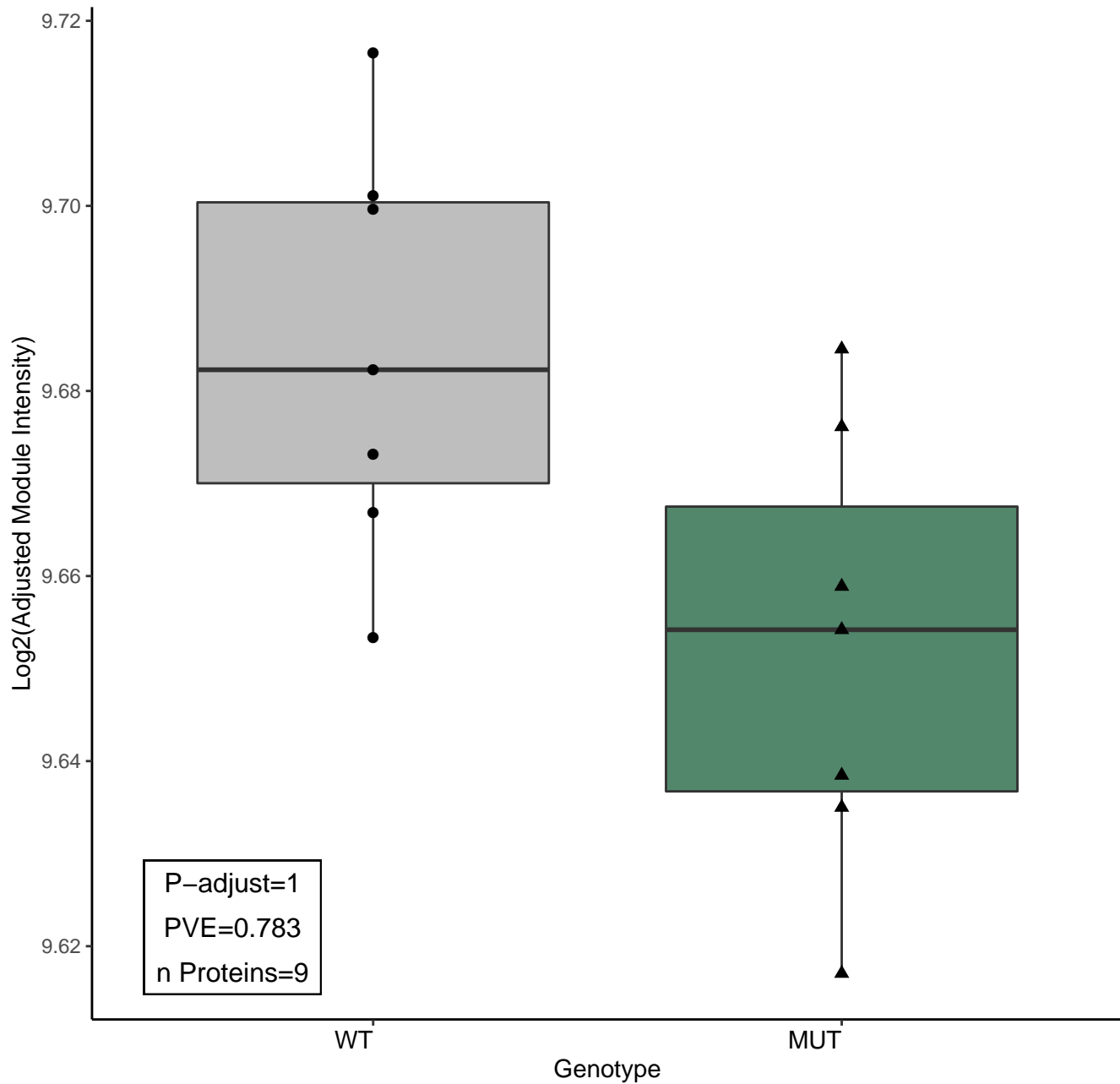
M228

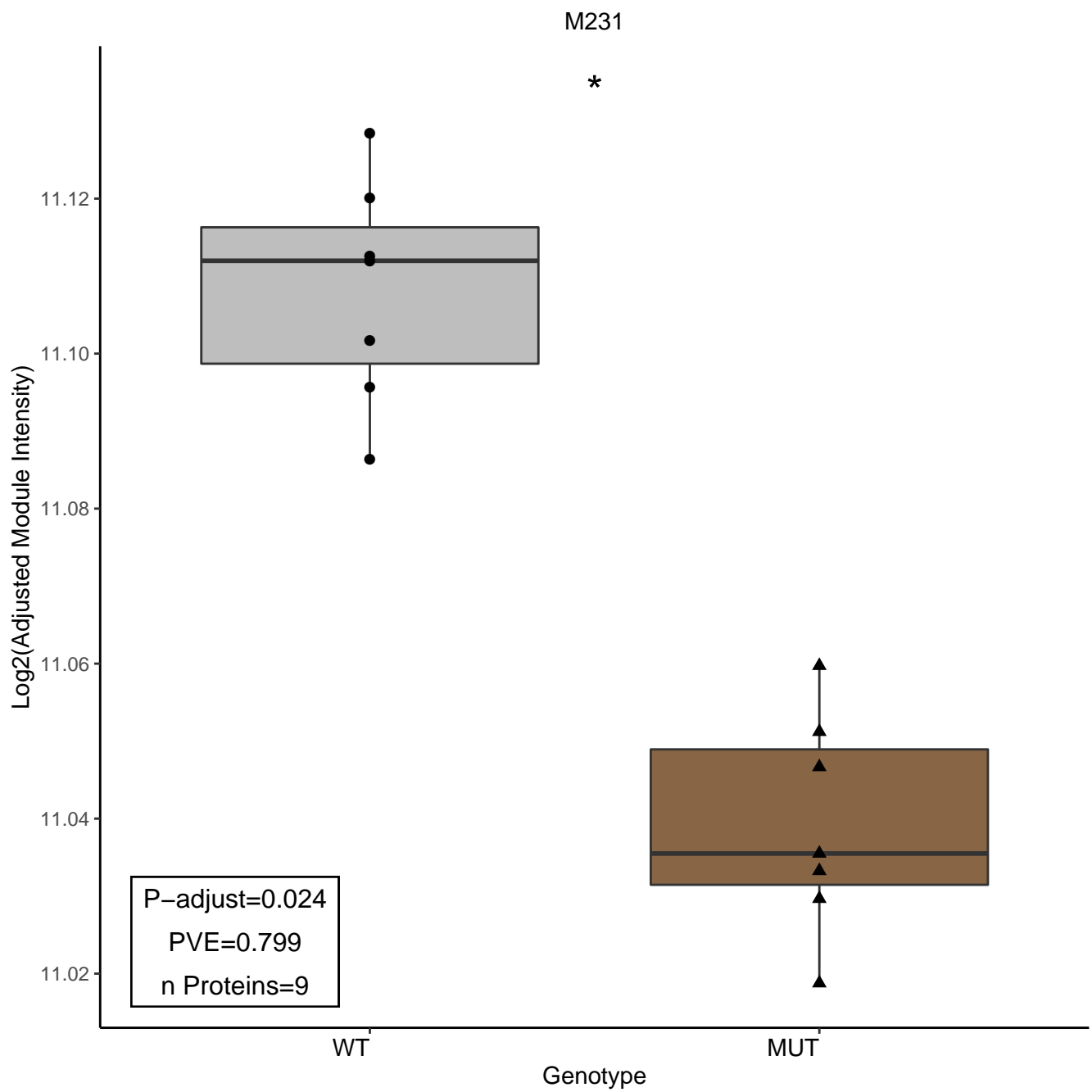


M229

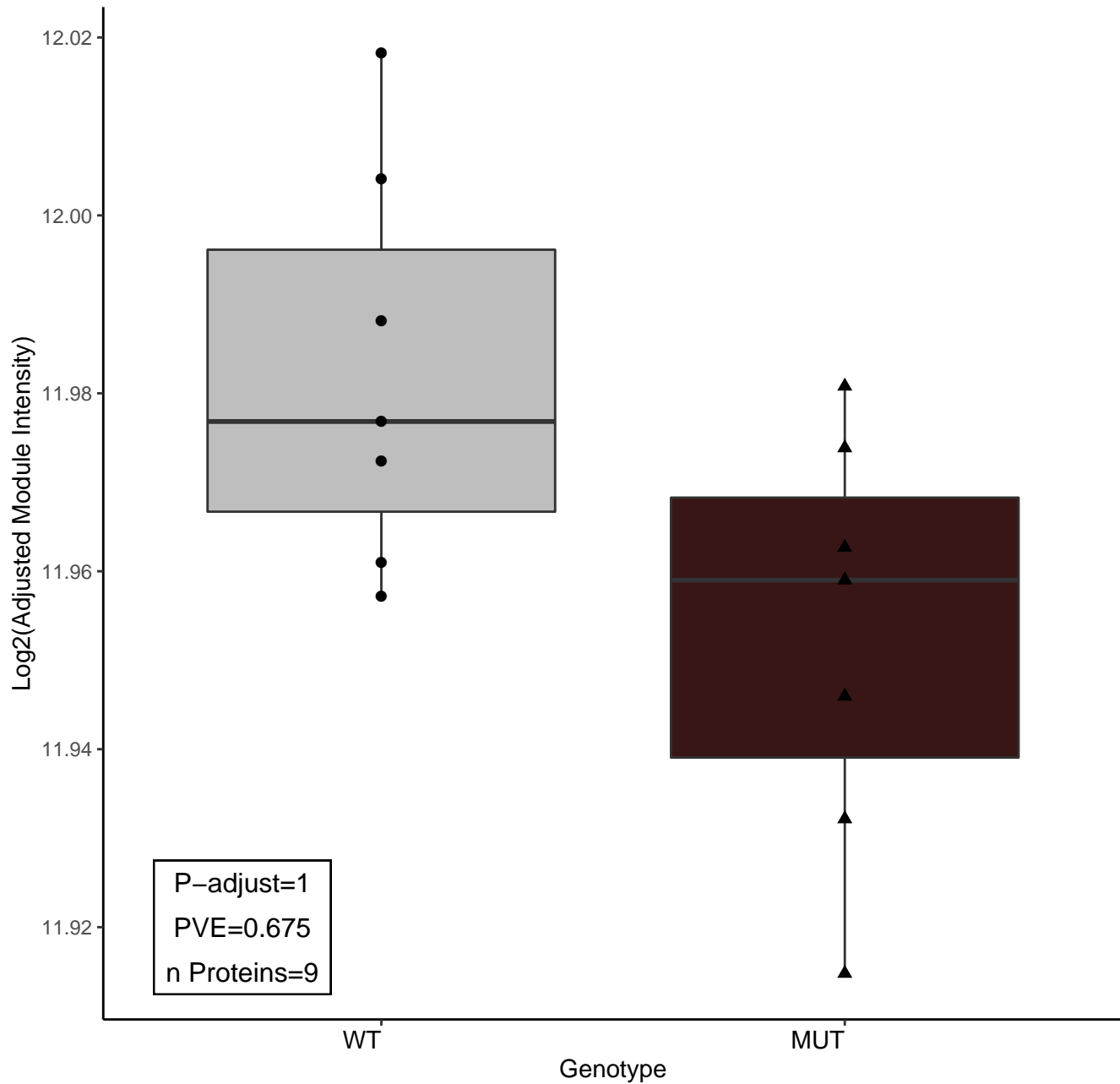


M230





M232





M233

Log2(Adjusted Module Intensity)

11.50

11.48

11.46

11.44

P-adjust=0.078

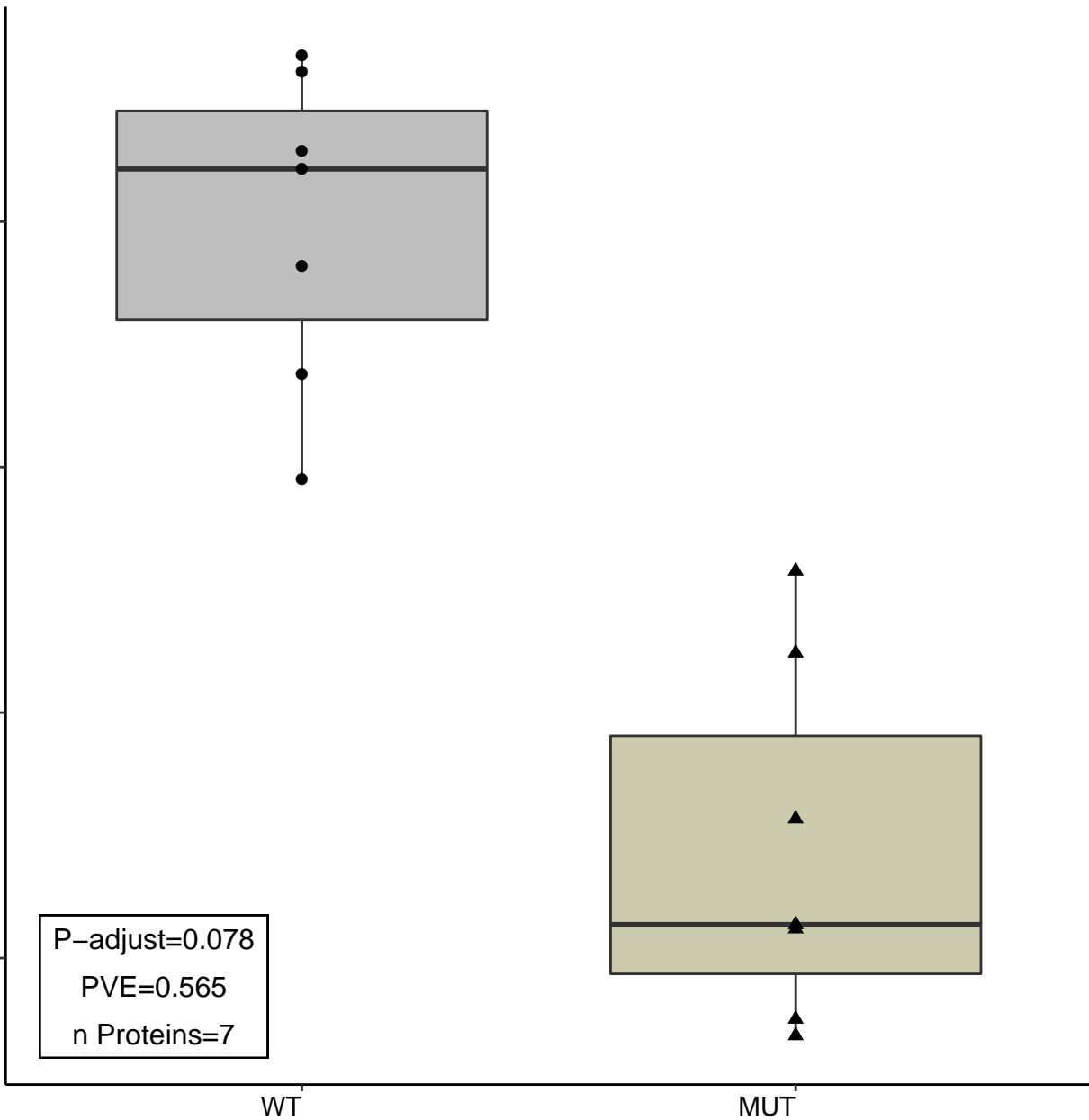
PVE=0.565

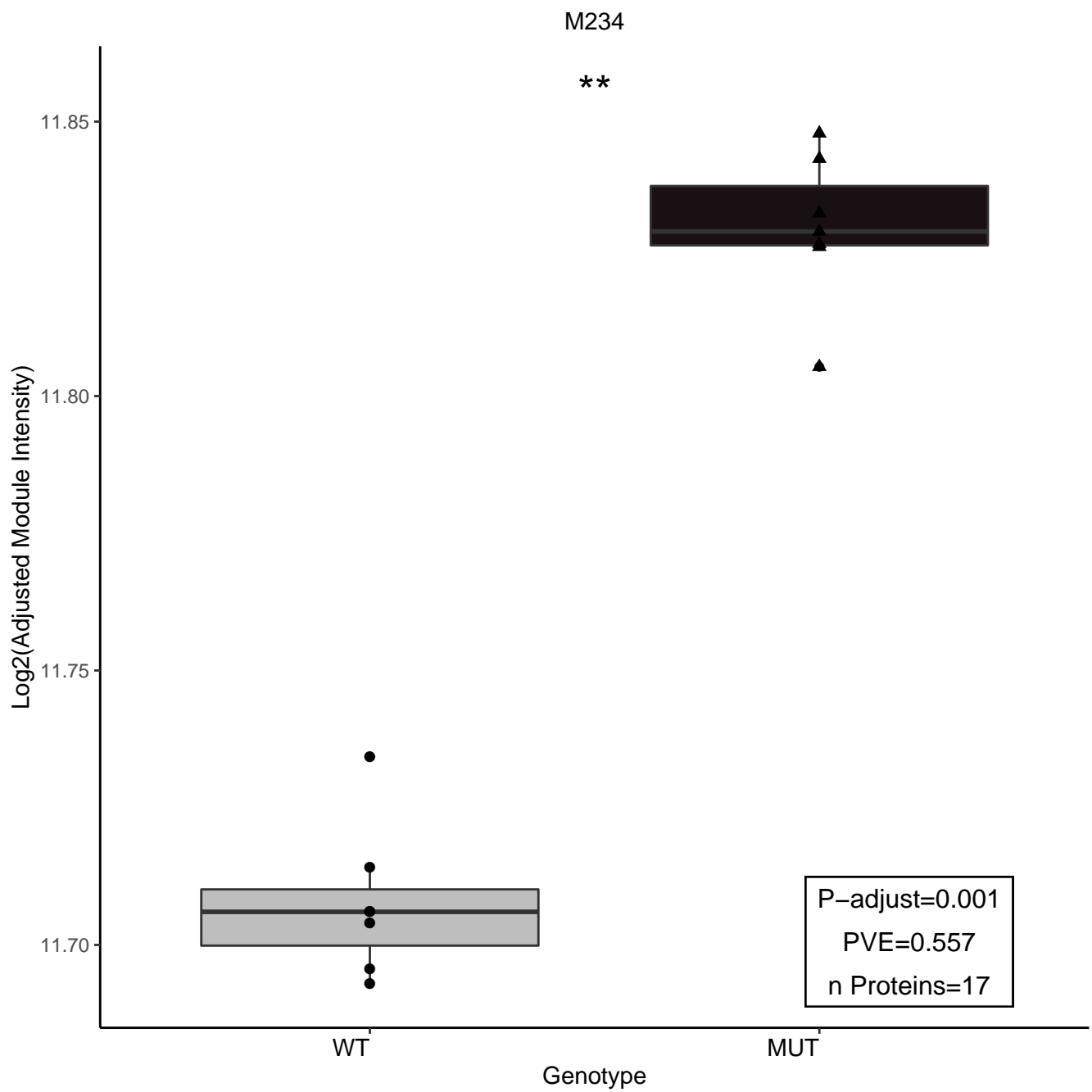
n Proteins=7

WT

Genotype

MUT





M235

Log2(Adjusted Module Intensity)

13.48

13.46

13.44

13.42

13.40

WT

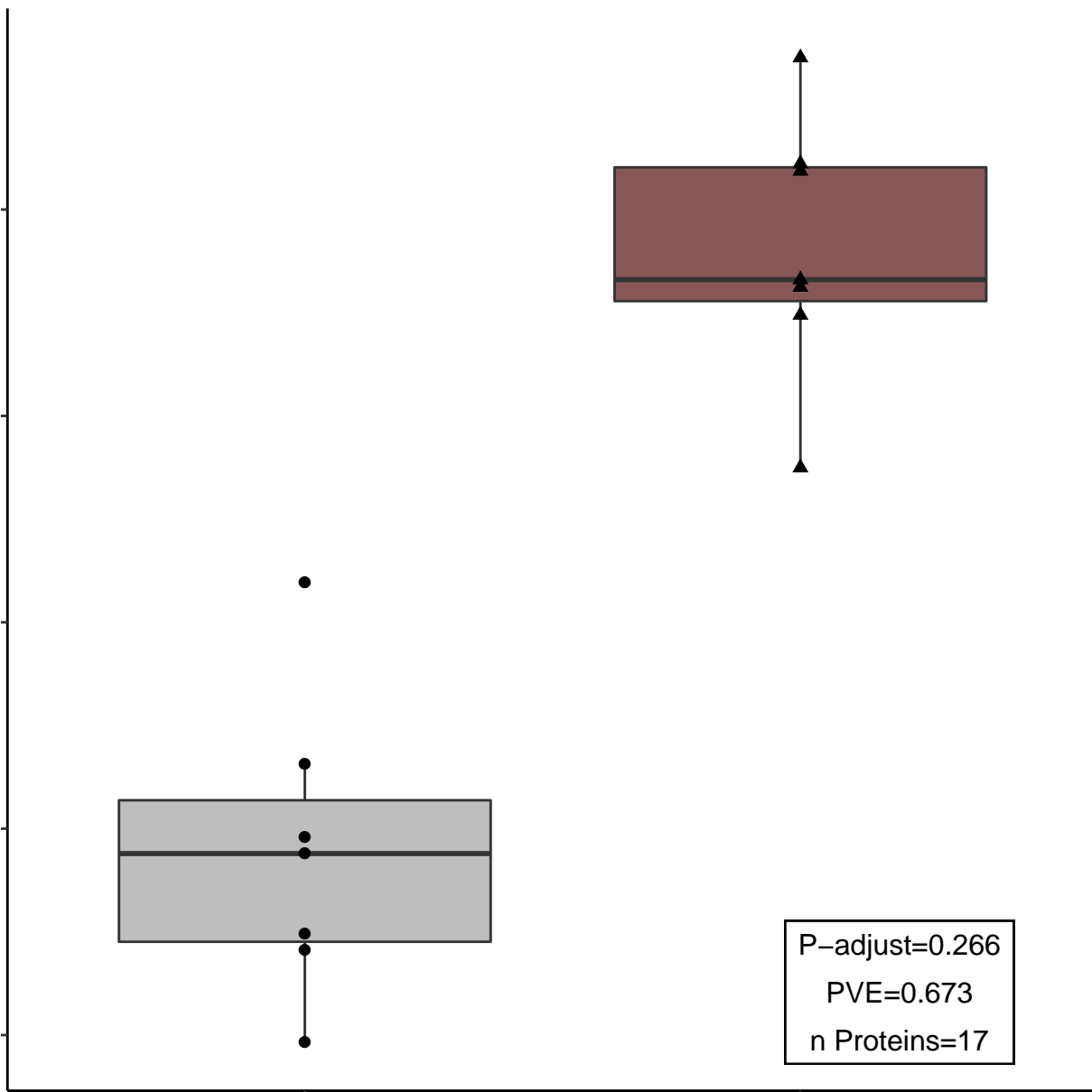
MUT

Genotype

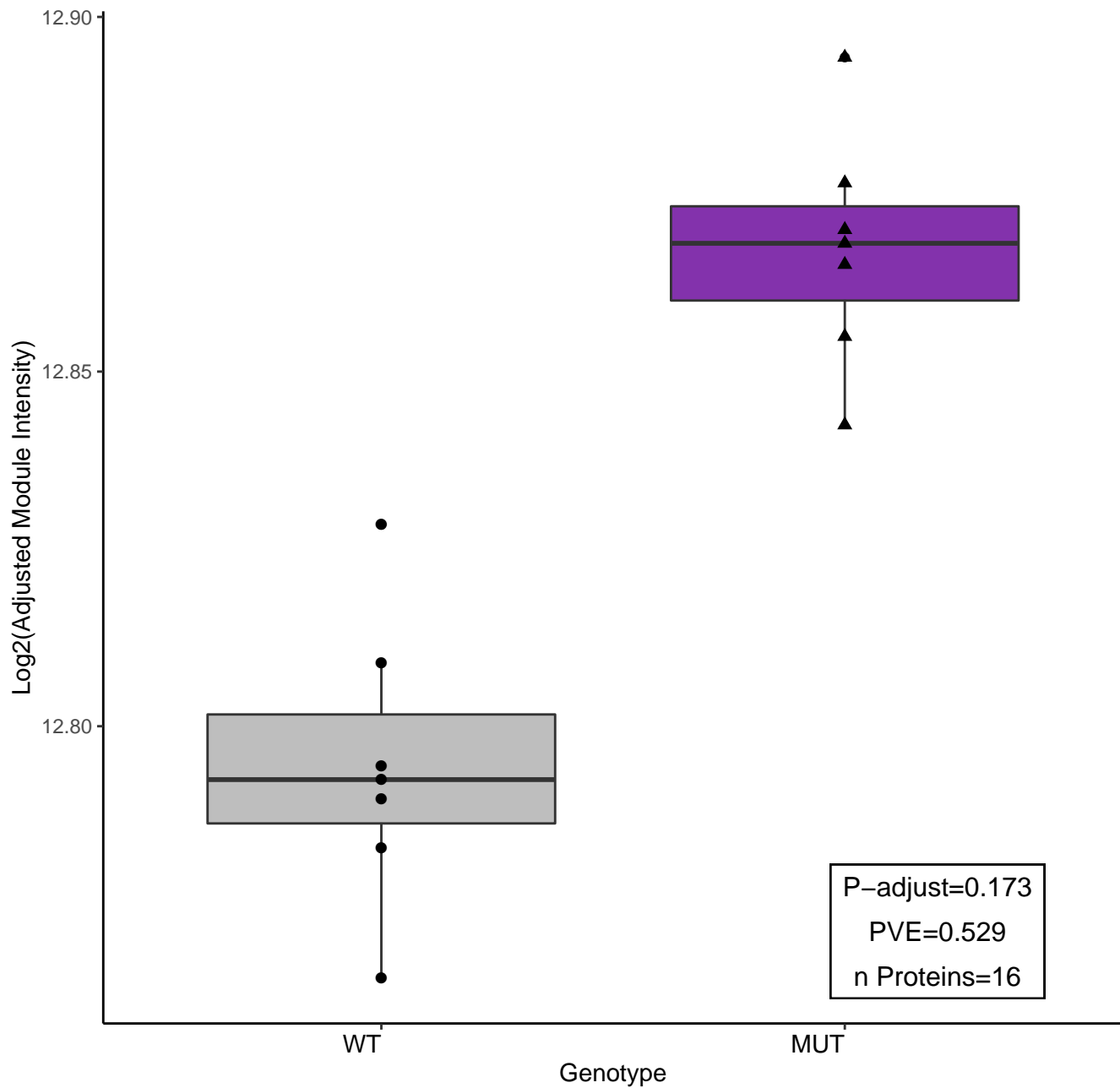
P-adjust=0.266

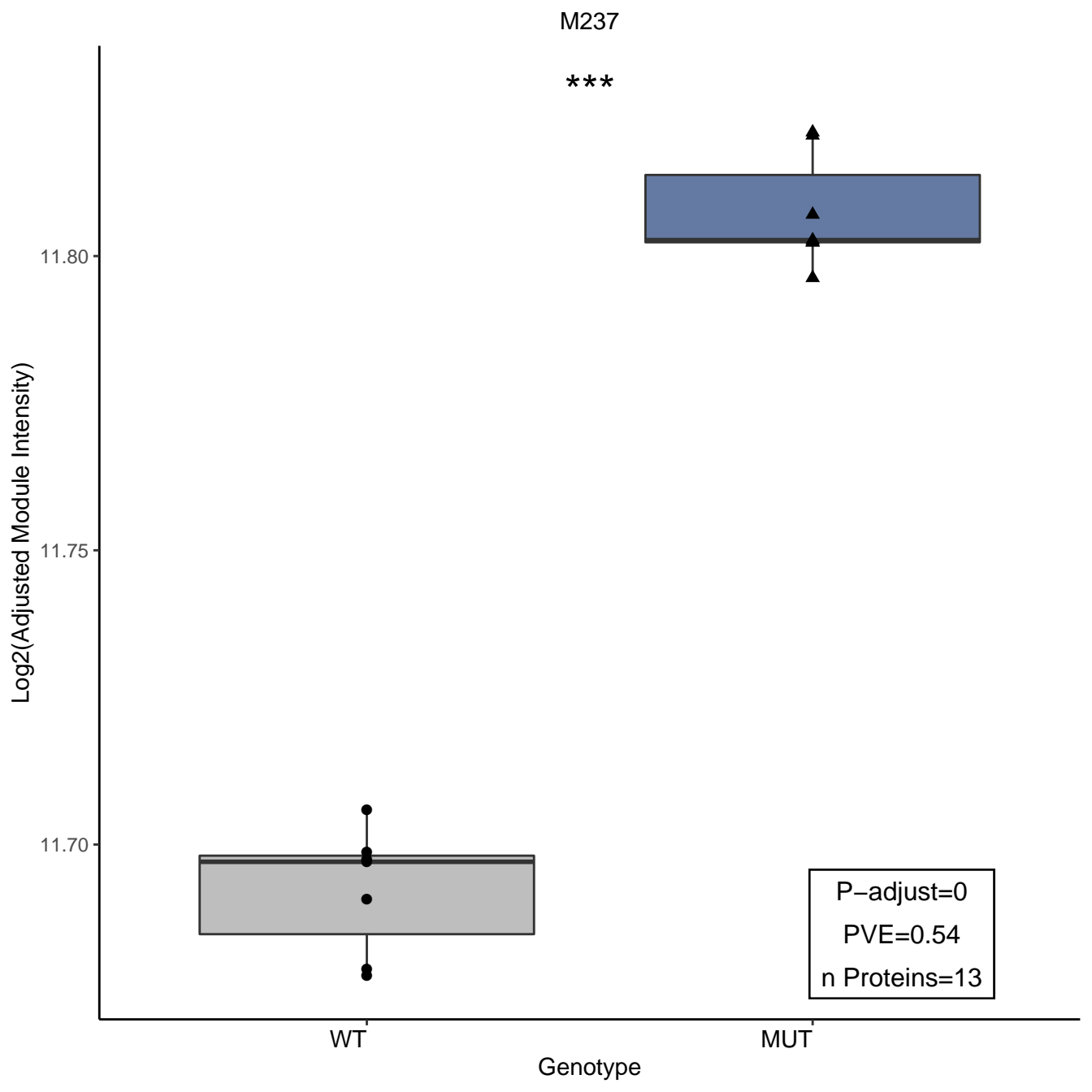
PVE=0.673

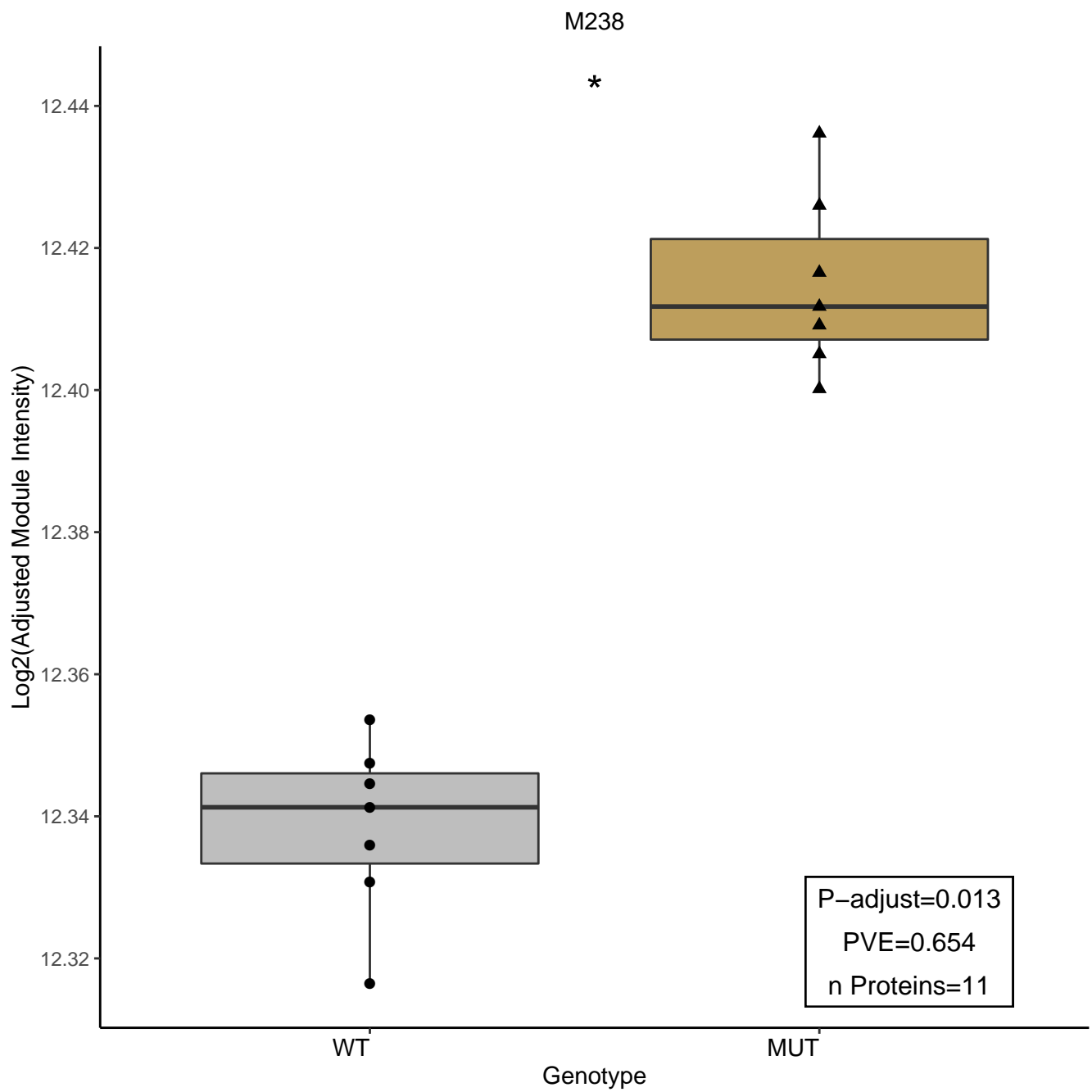
n Proteins=17



M236







M239

Log2(Adjusted Module Intensity)

11.50

11.45

11.40

11.35

WT

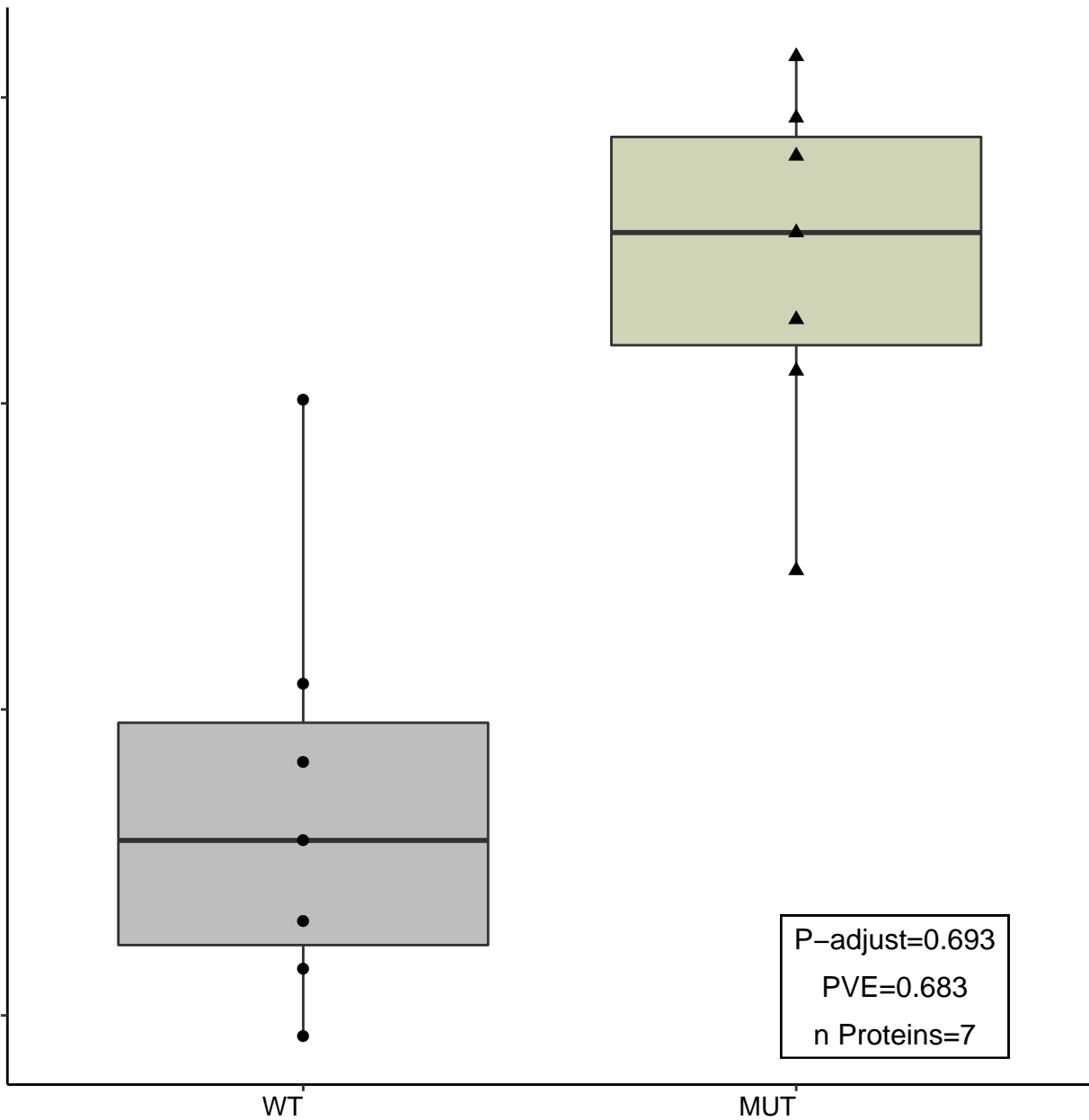
Genotype

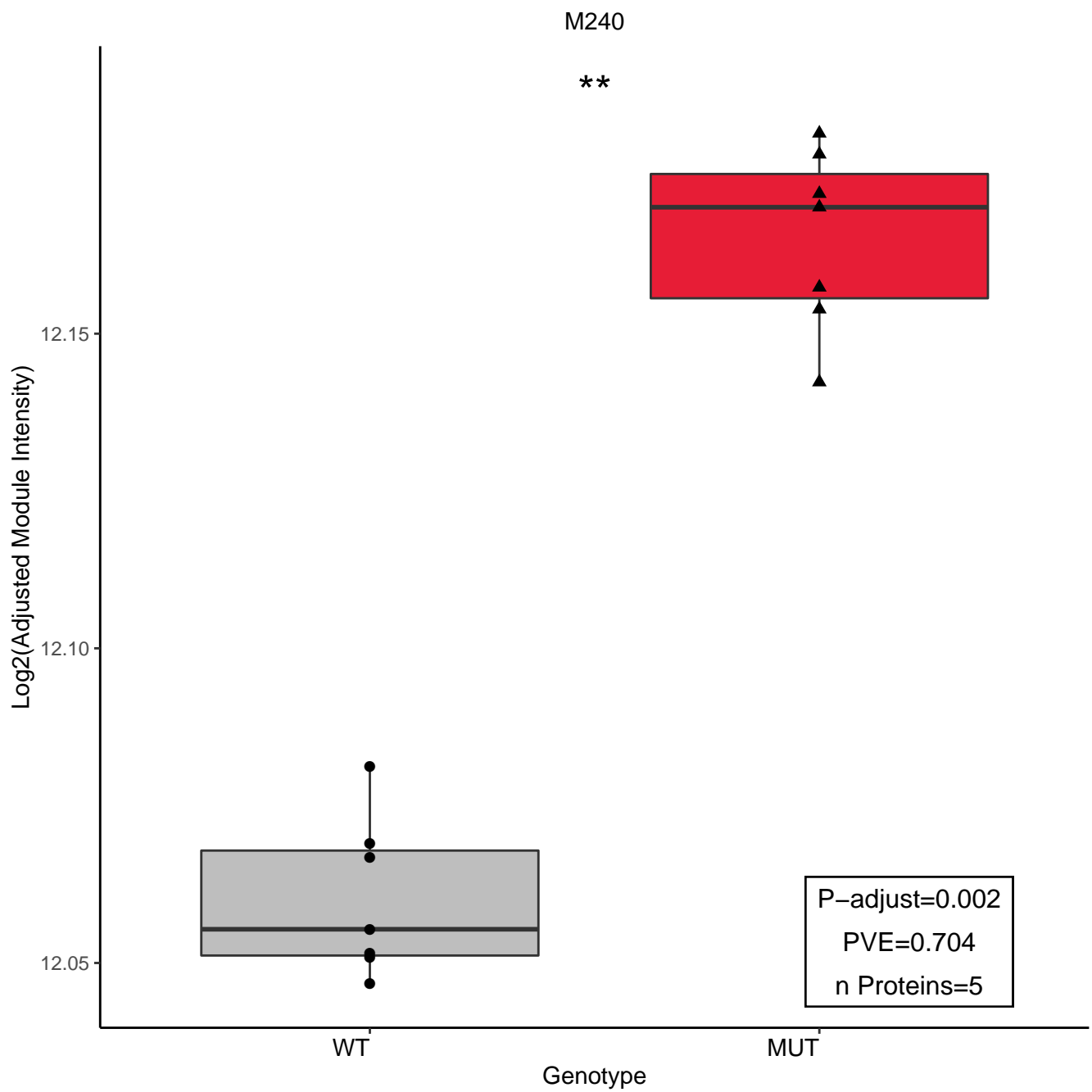
MUT

P-adjust=0.693

PVE=0.683

n Proteins=7







M241

Log2(Adjusted Module Intensity)

12.60

12.55

12.50

WT

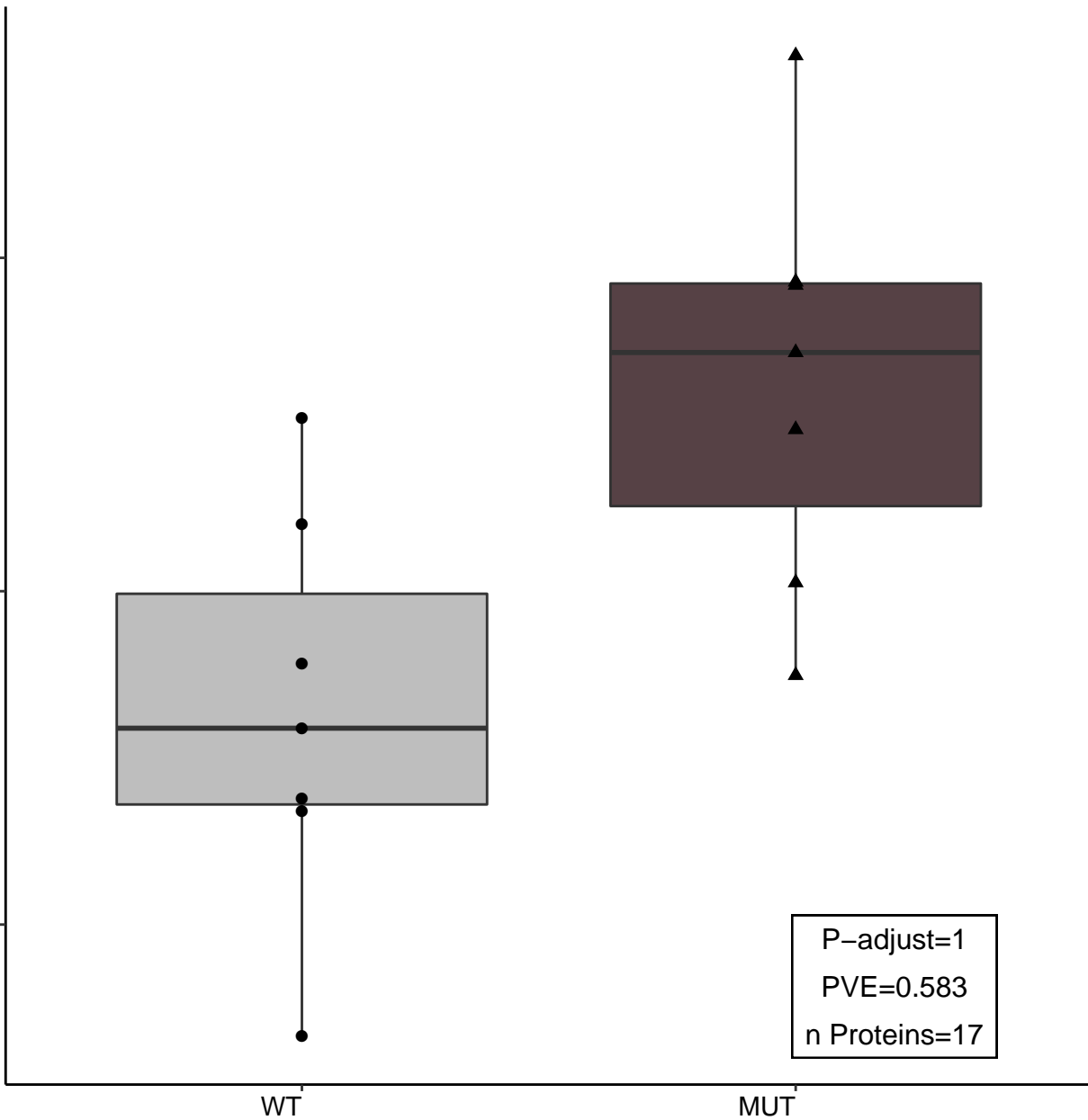
Genotype

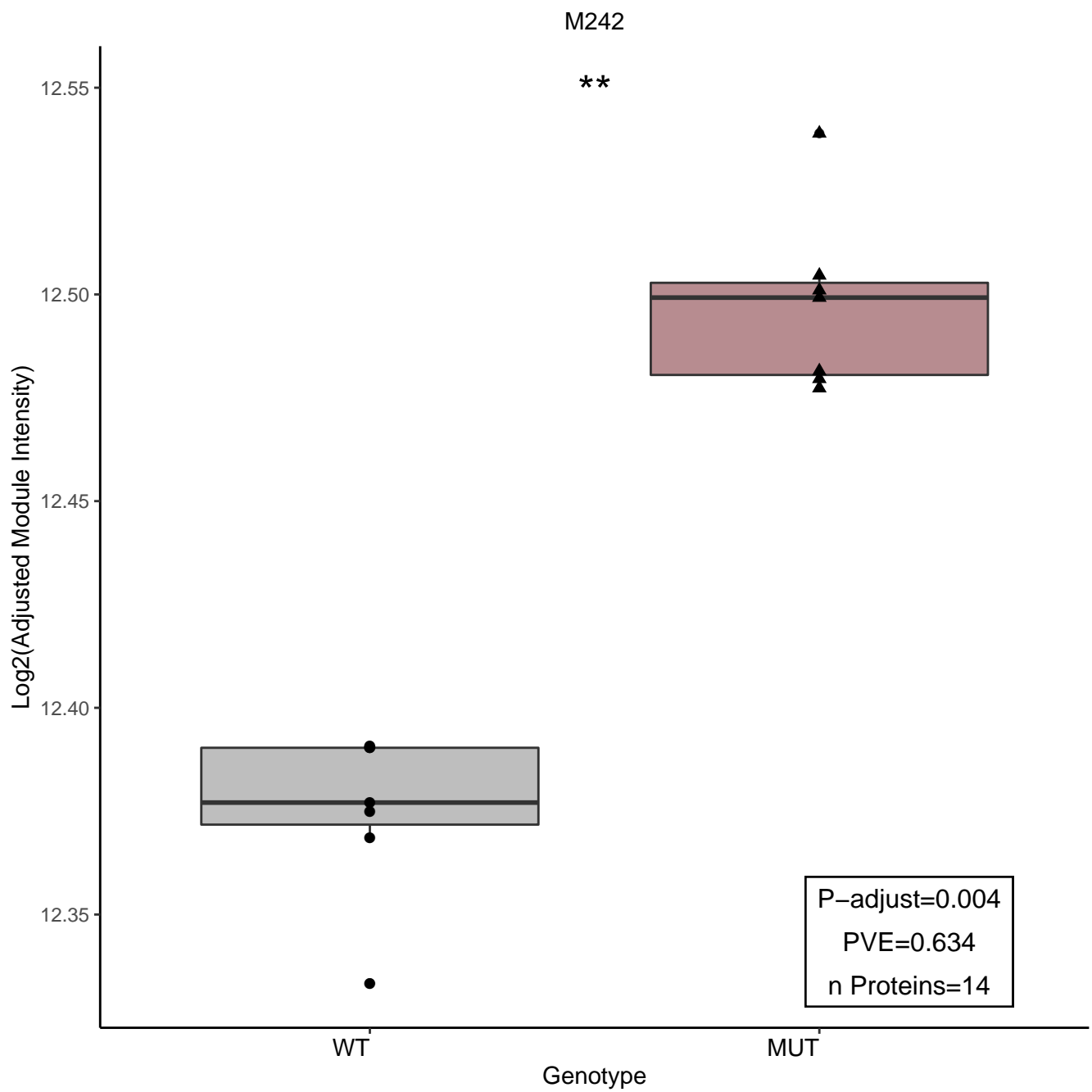
MUT

P-adjust=1

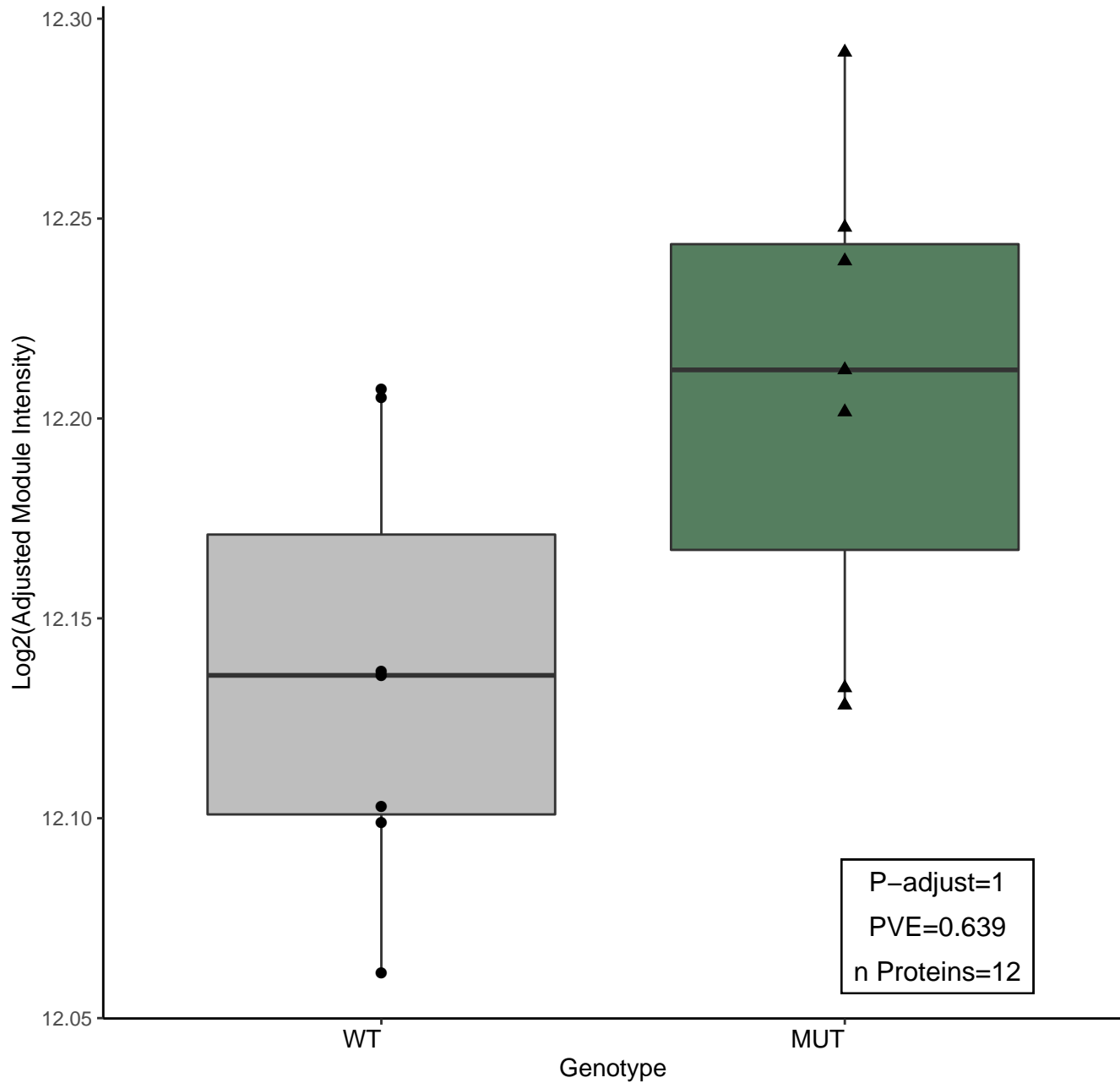
PVE=0.583

n Proteins=17

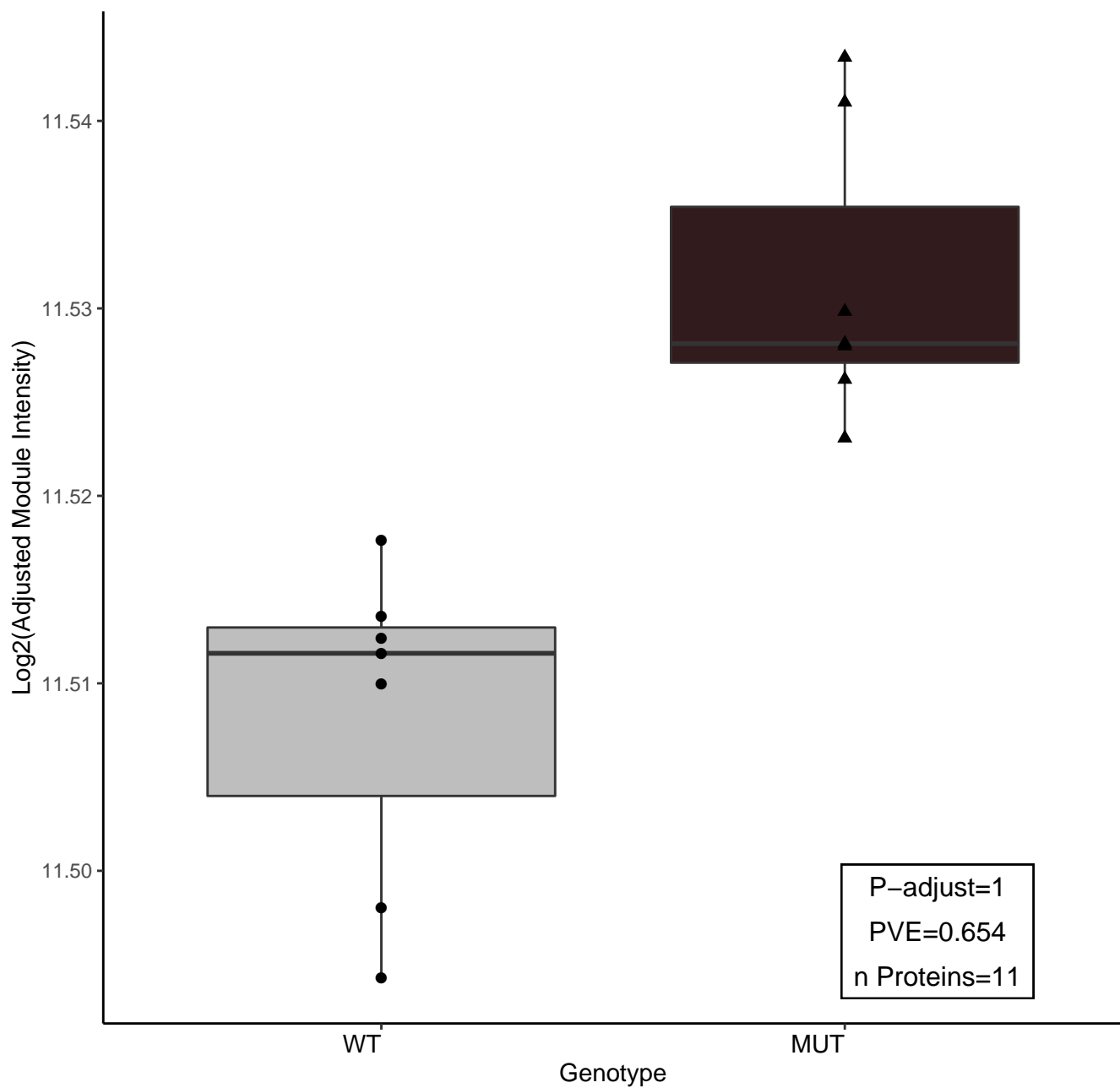




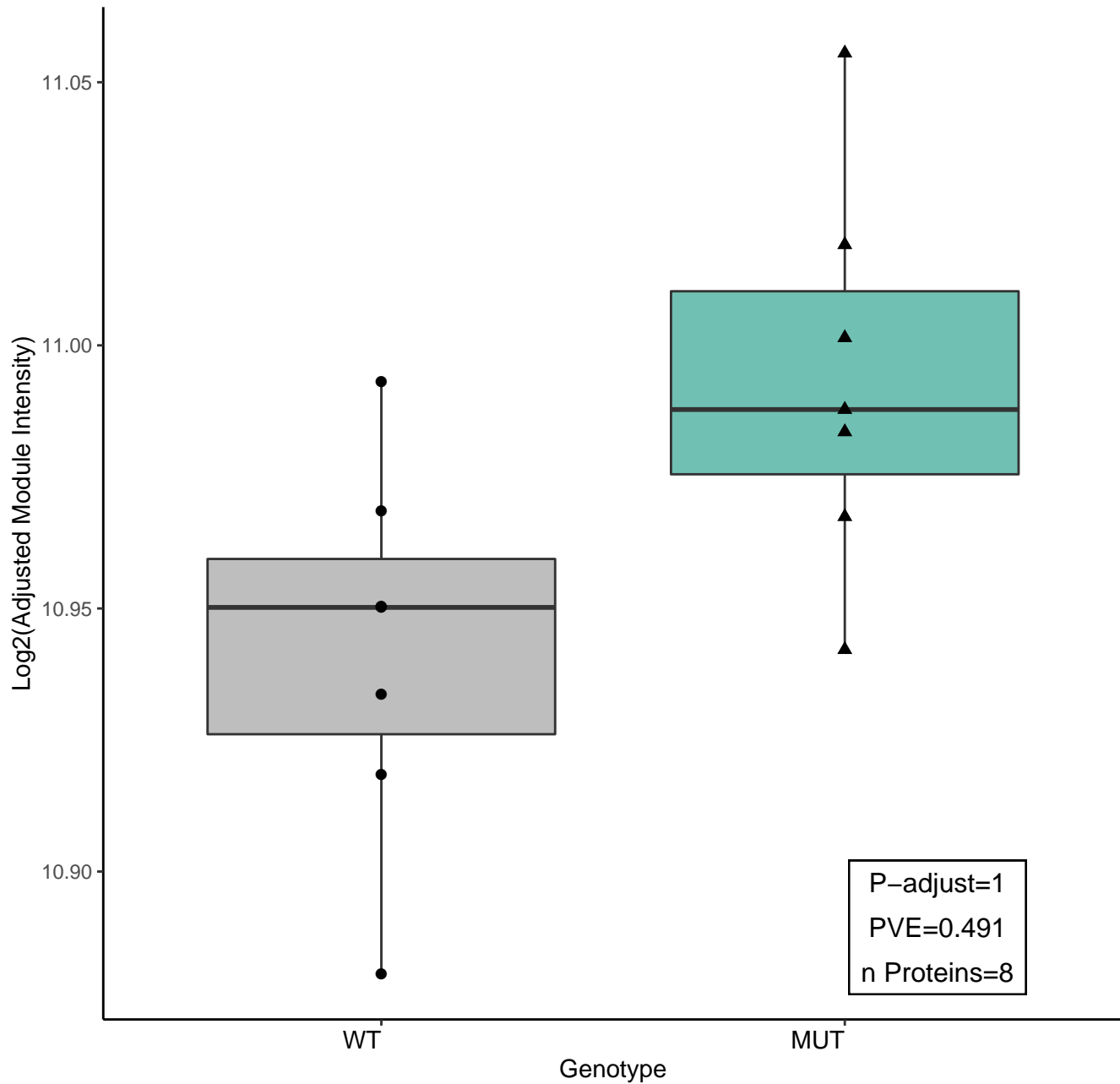
M243



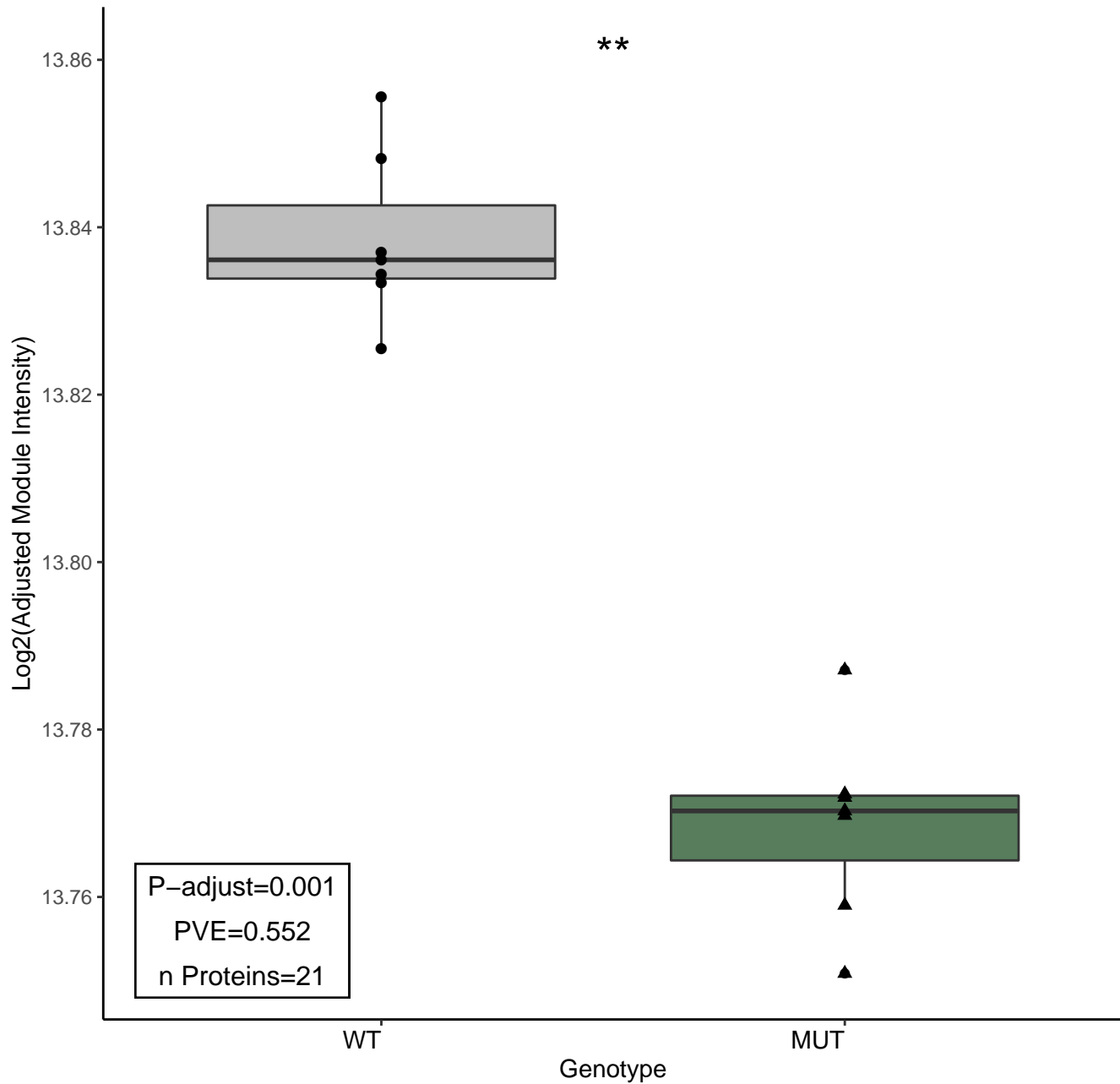
M244



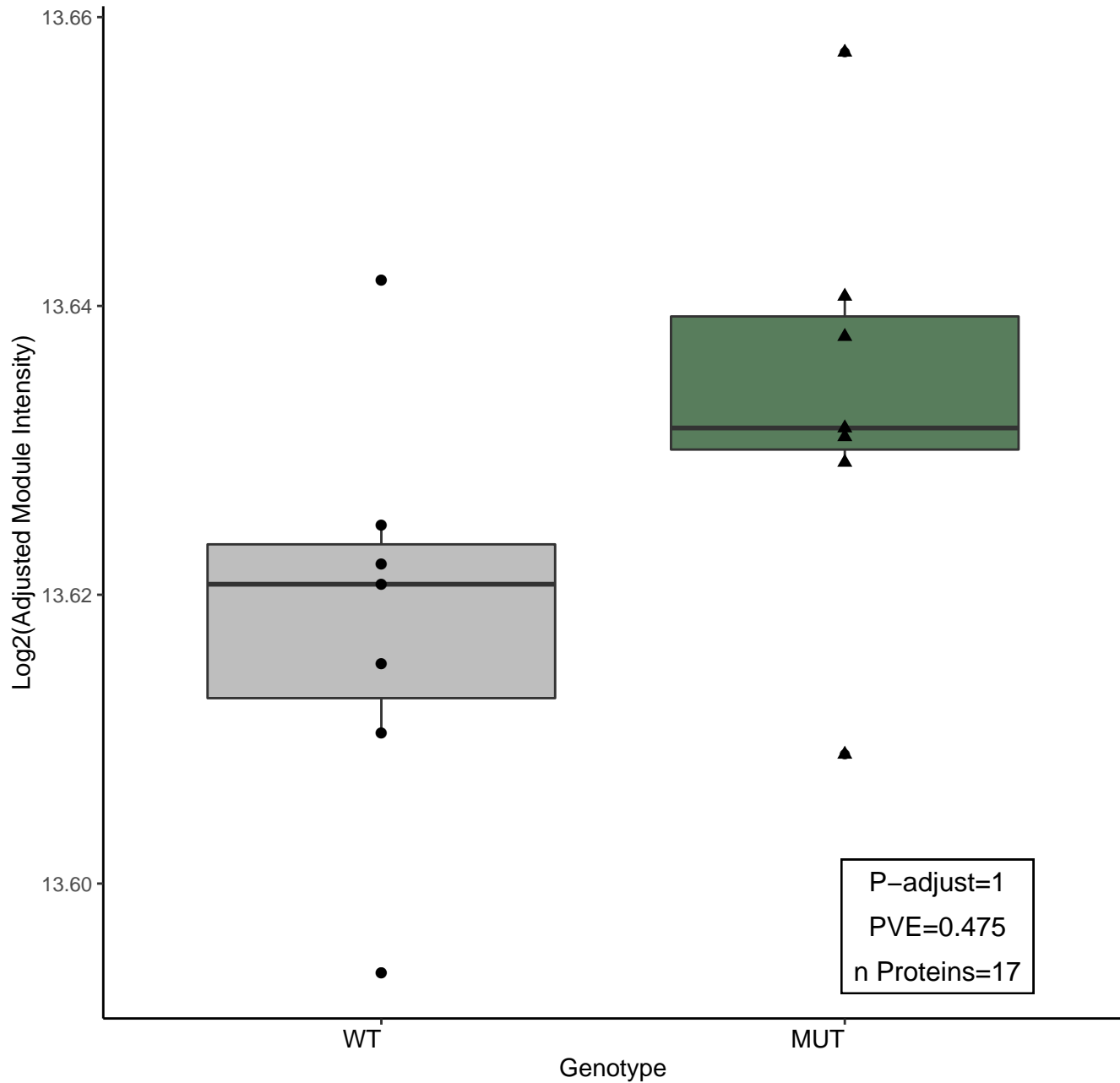
M245



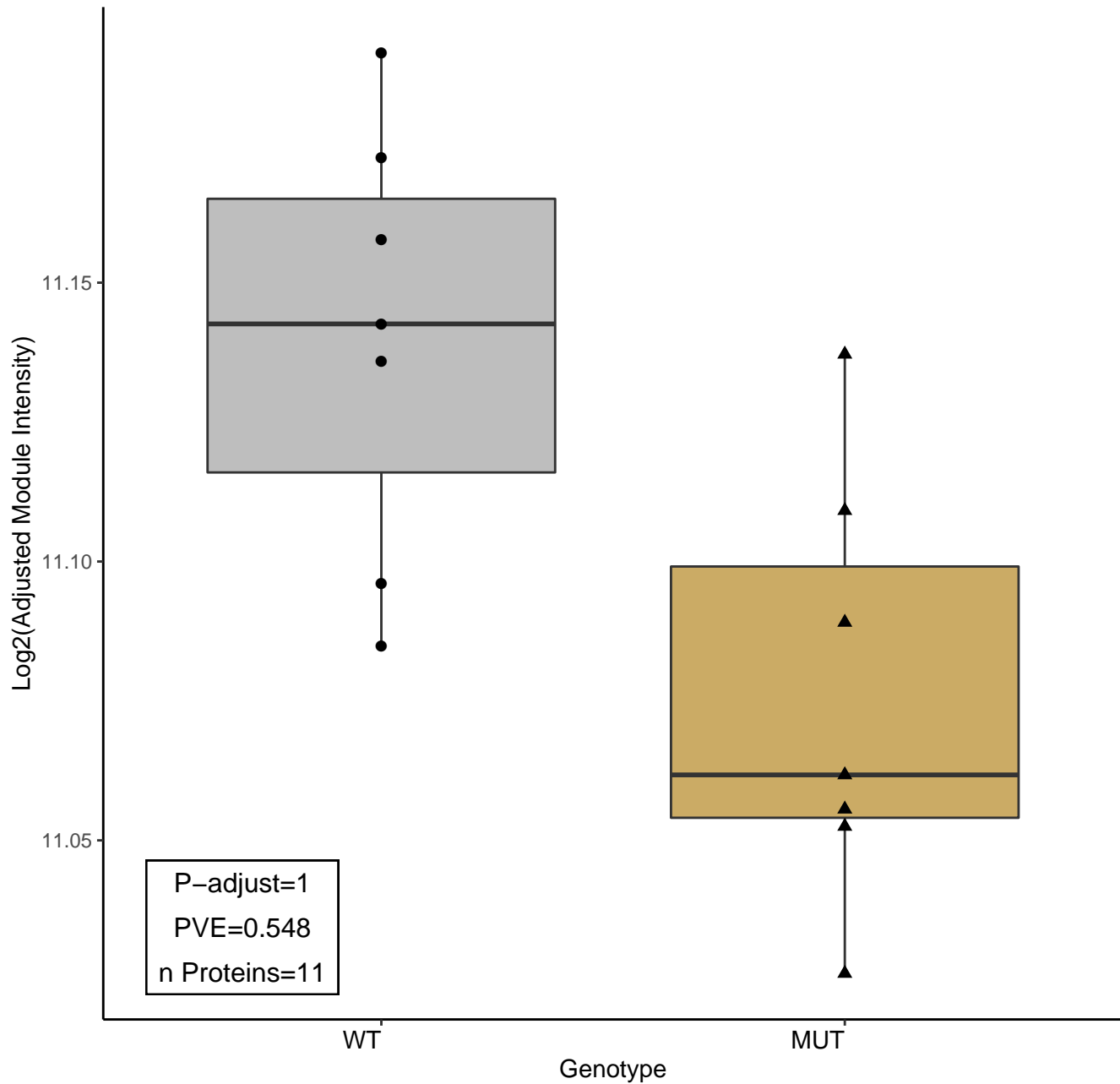
M246



M247

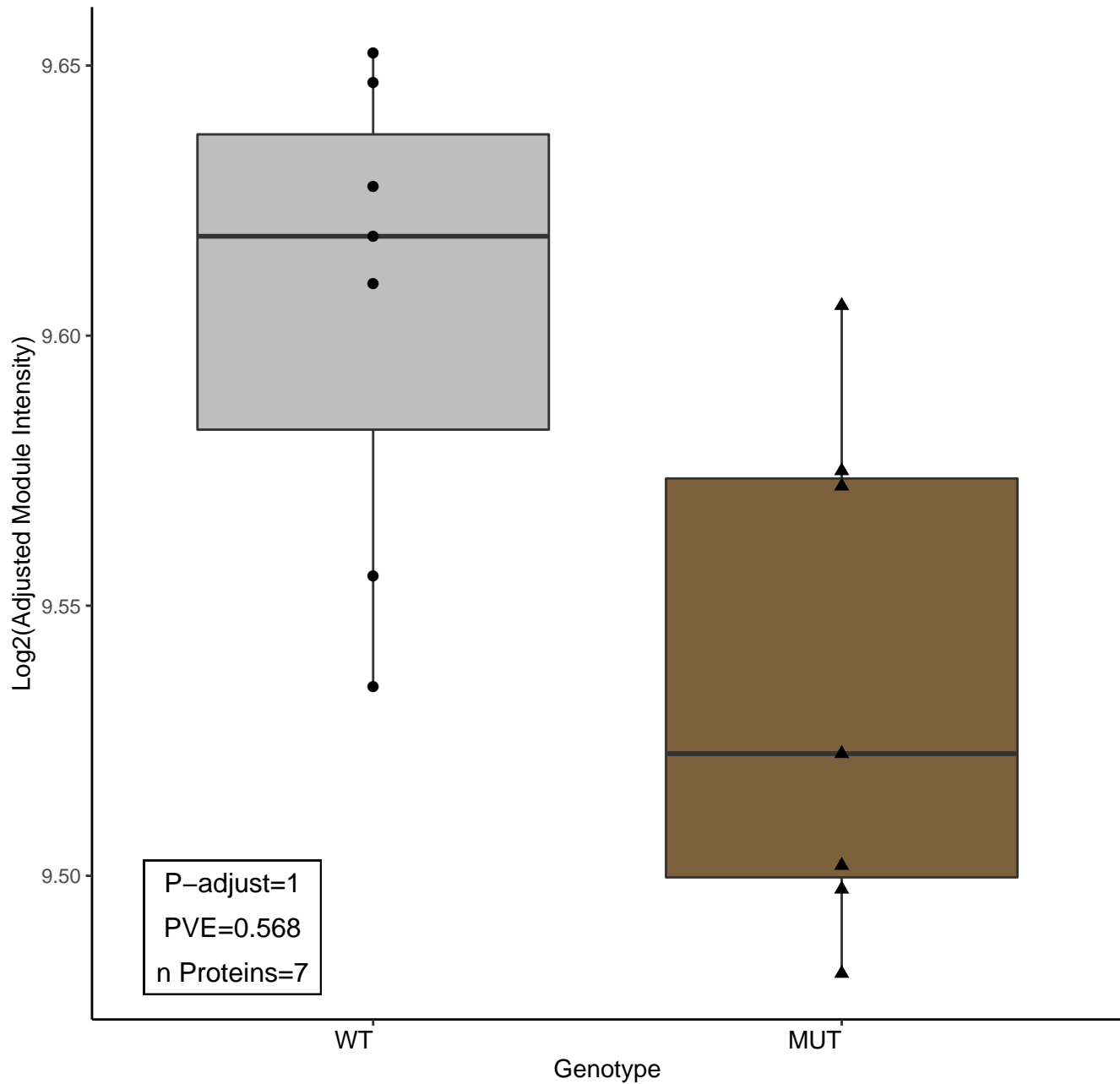


M248

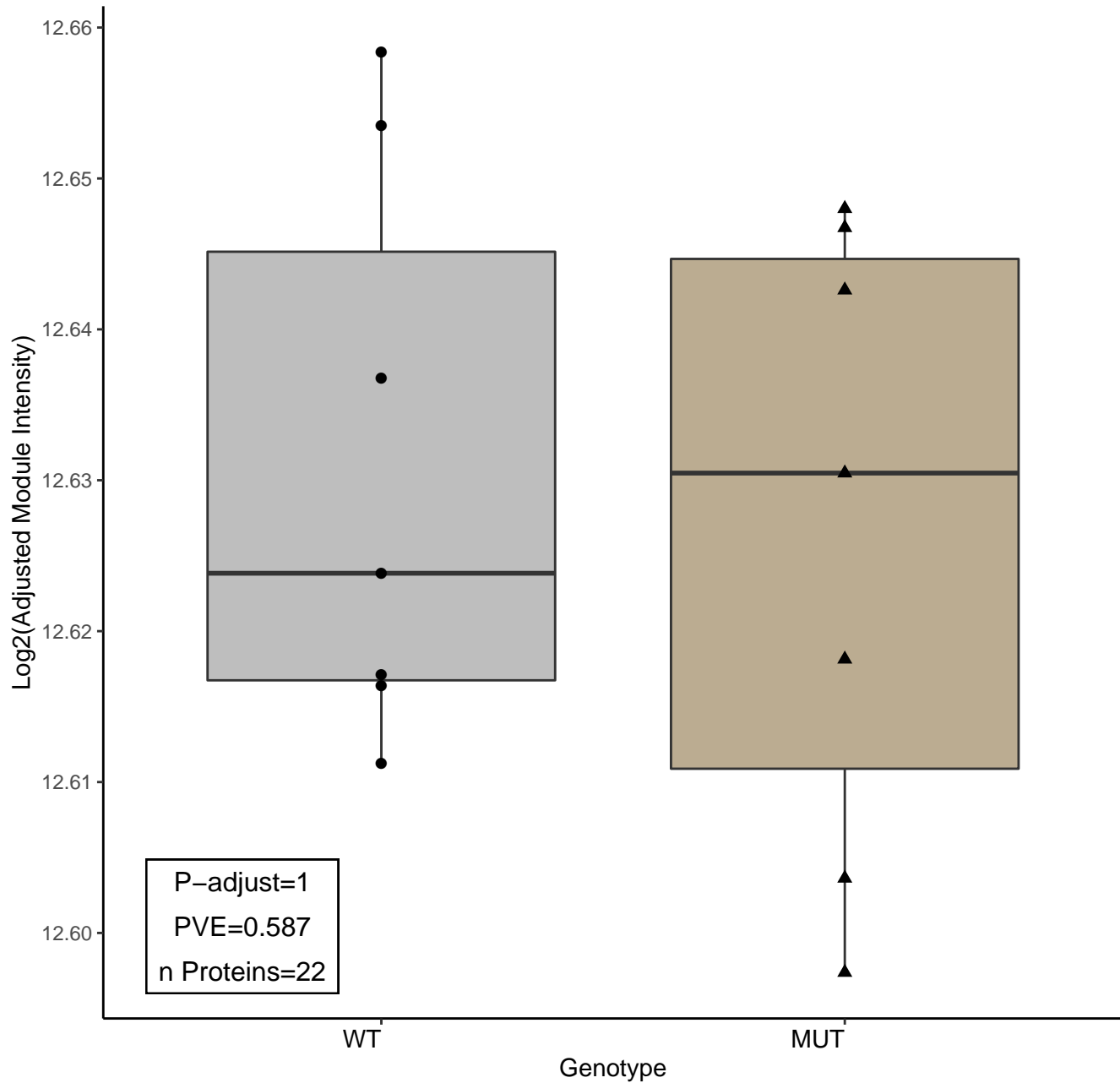




M249



M250



M251

