

M1

Log2(Adjusted Module Intensity)

16.30

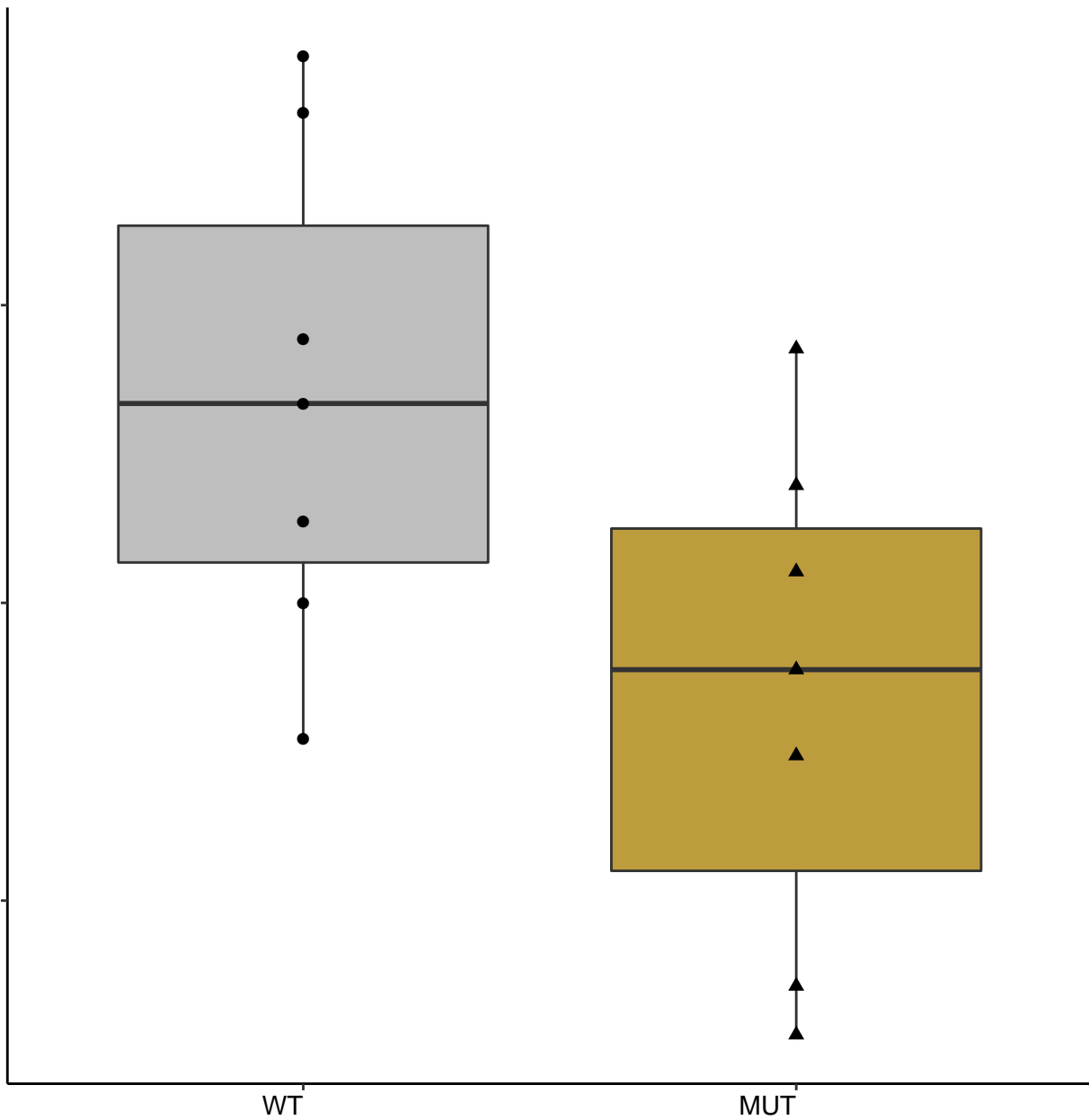
16.28

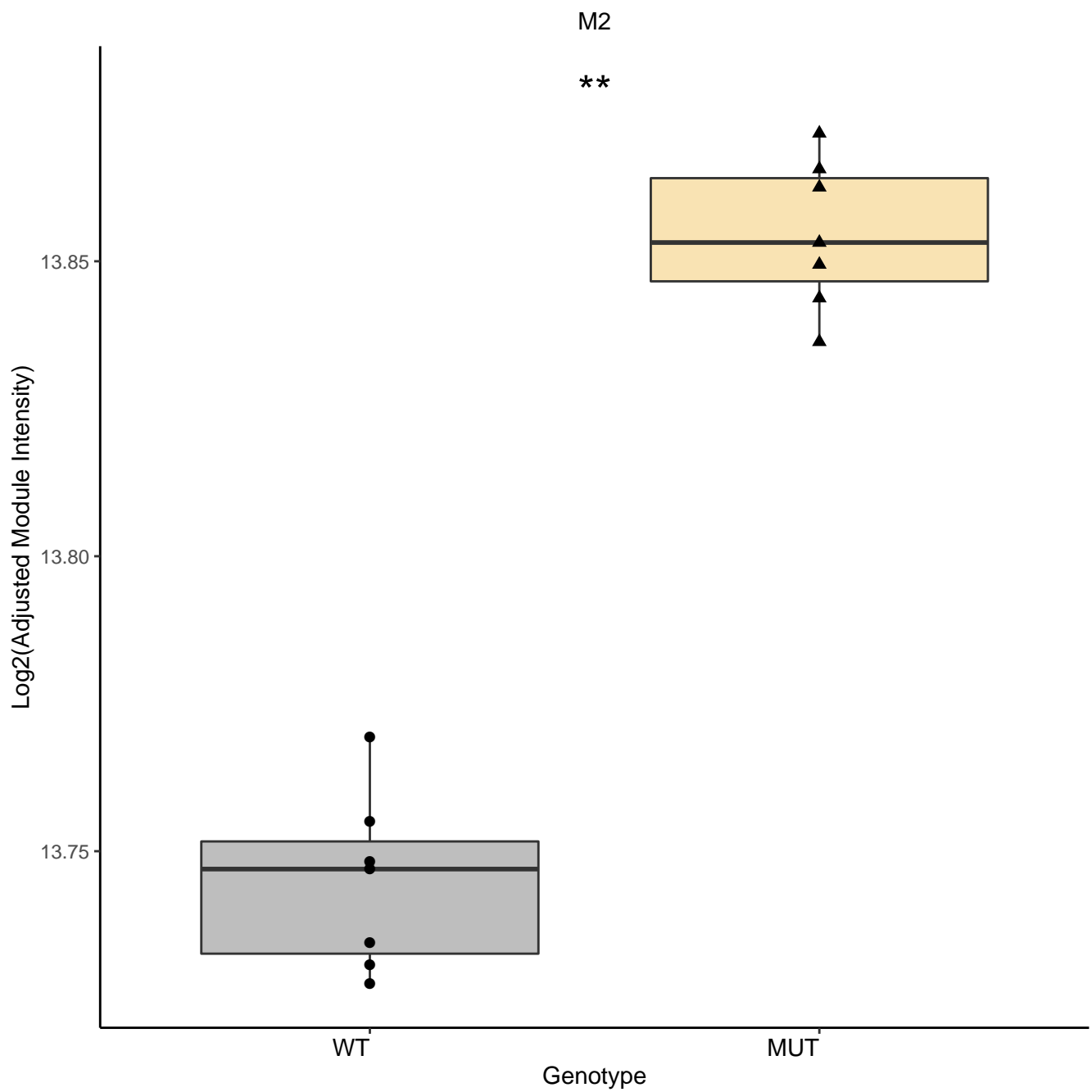
16.26

WT

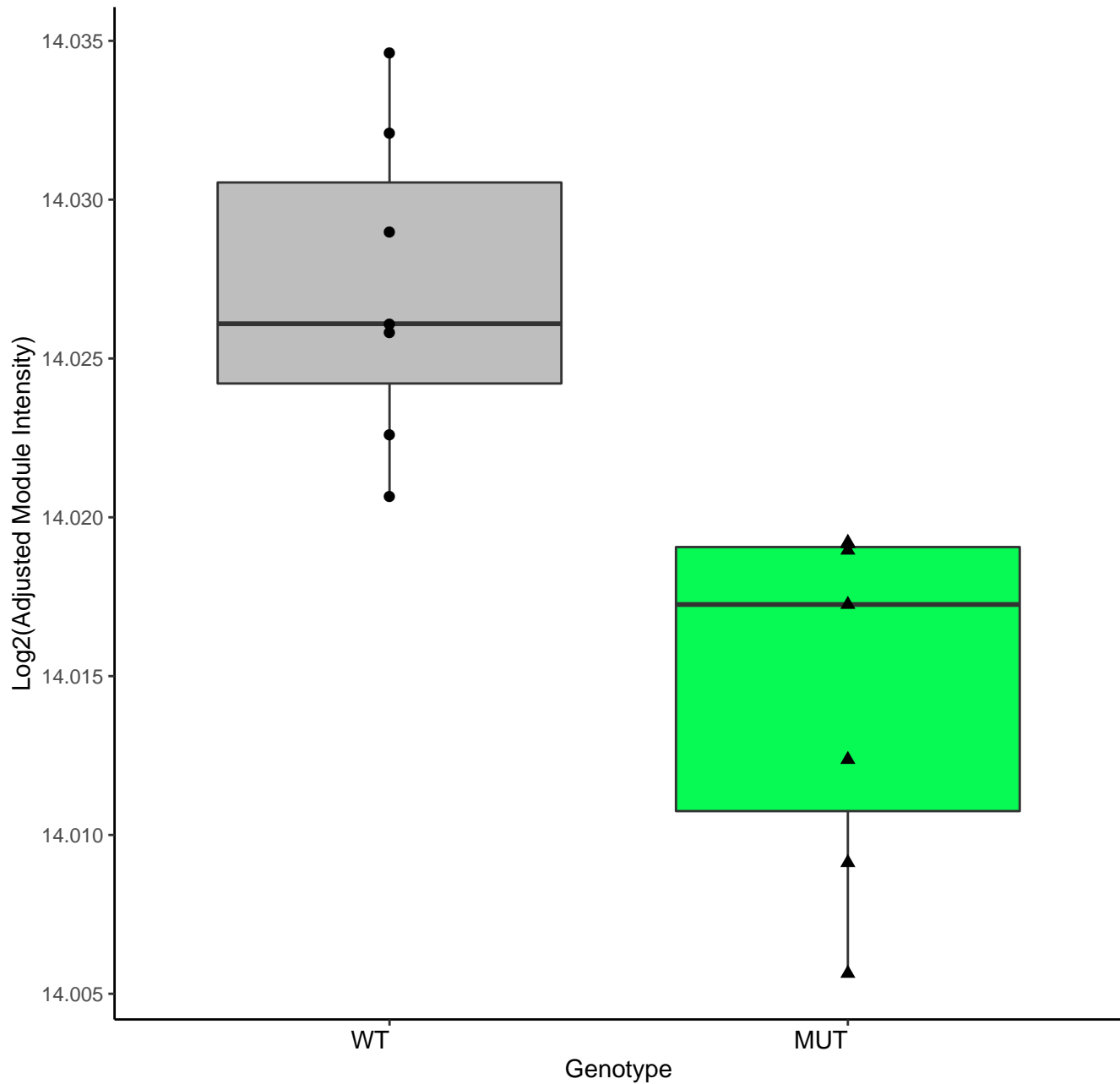
Genotype

MUT

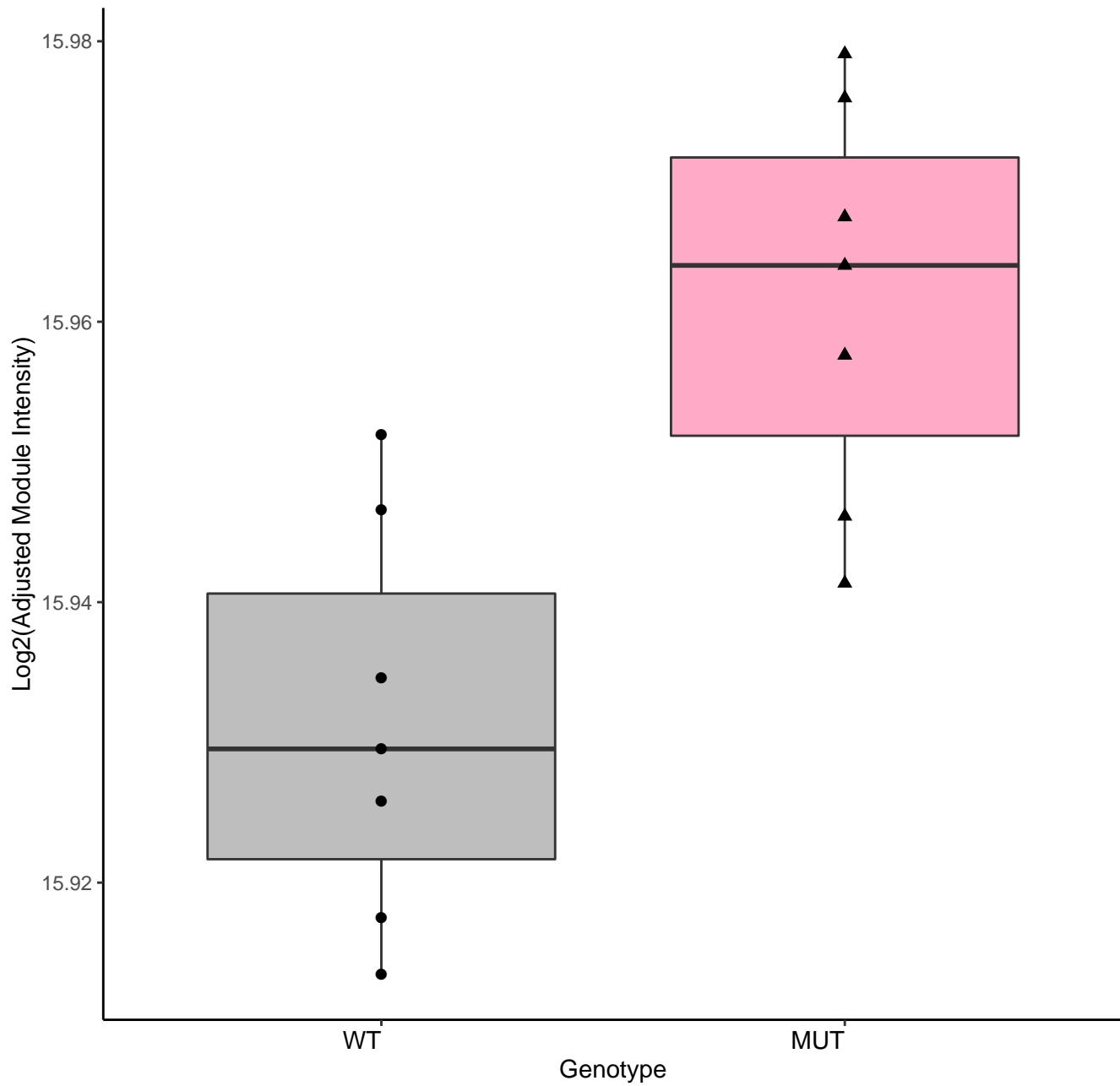




M3



M4



M5

Log2(Adjusted Module Intensity)

13.72

13.71

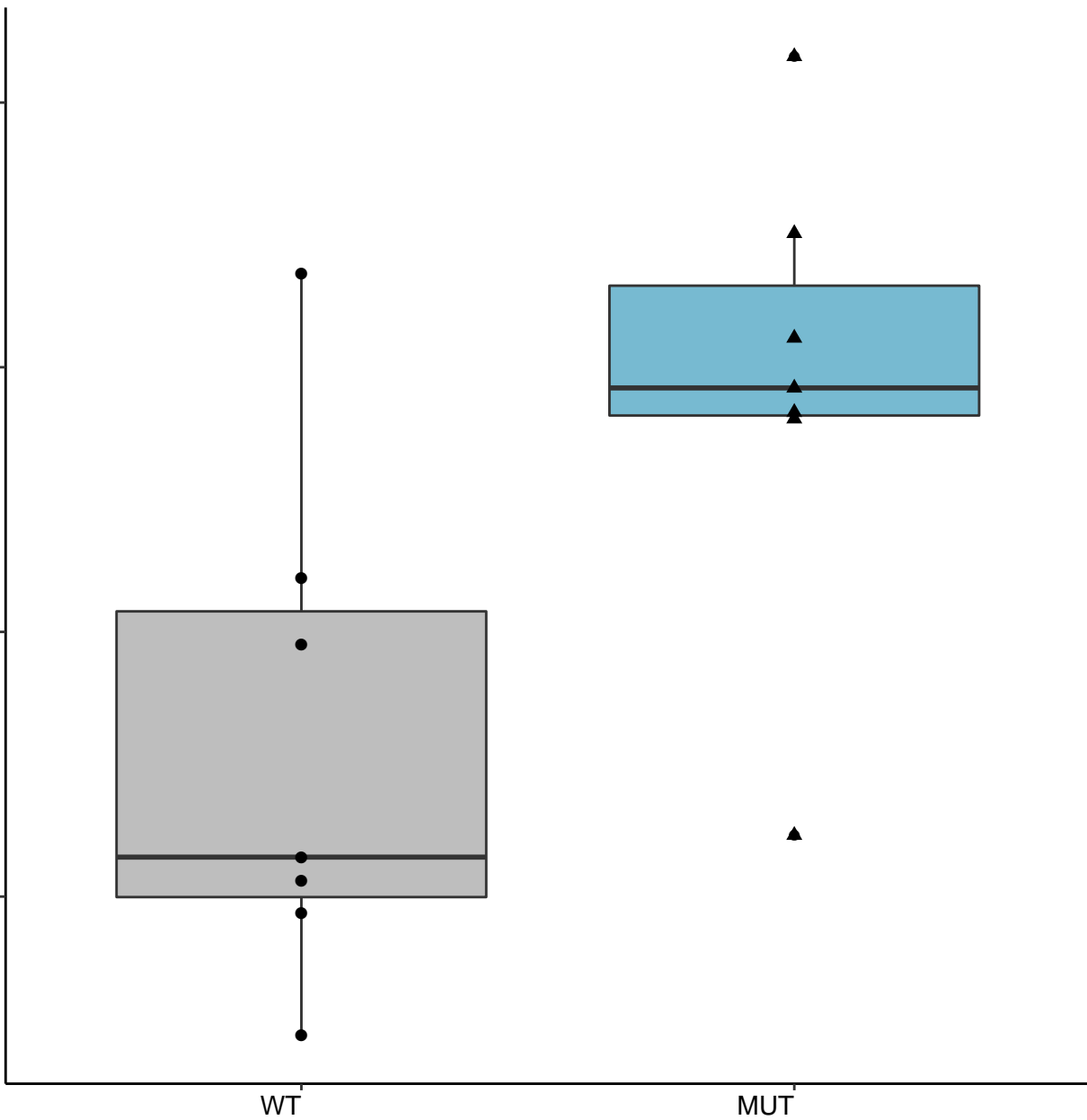
13.70

13.69

WT

Genotype

MUT



M6

Log2(Adjusted Module Intensity)

14.86

14.84

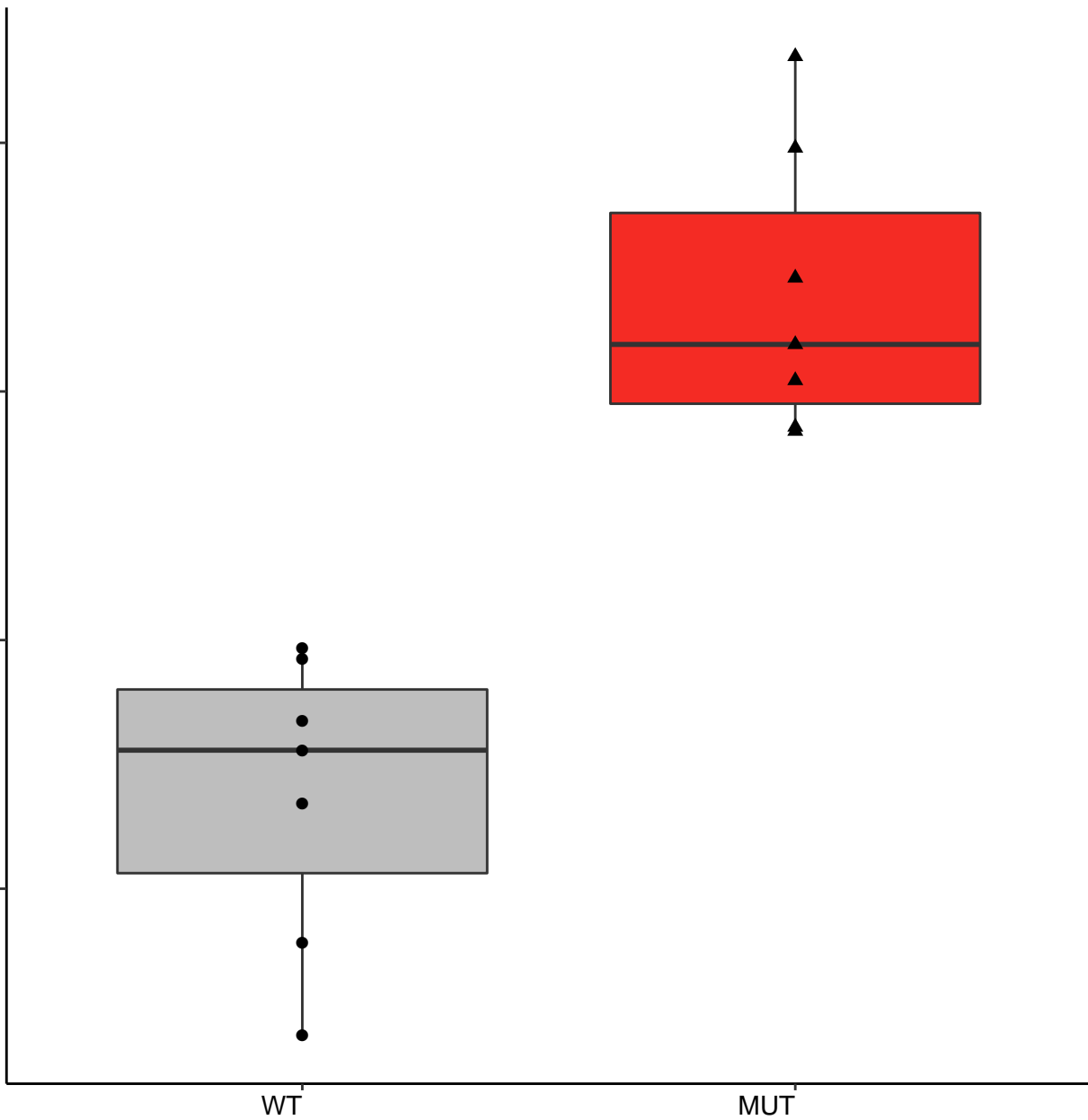
14.82

14.80

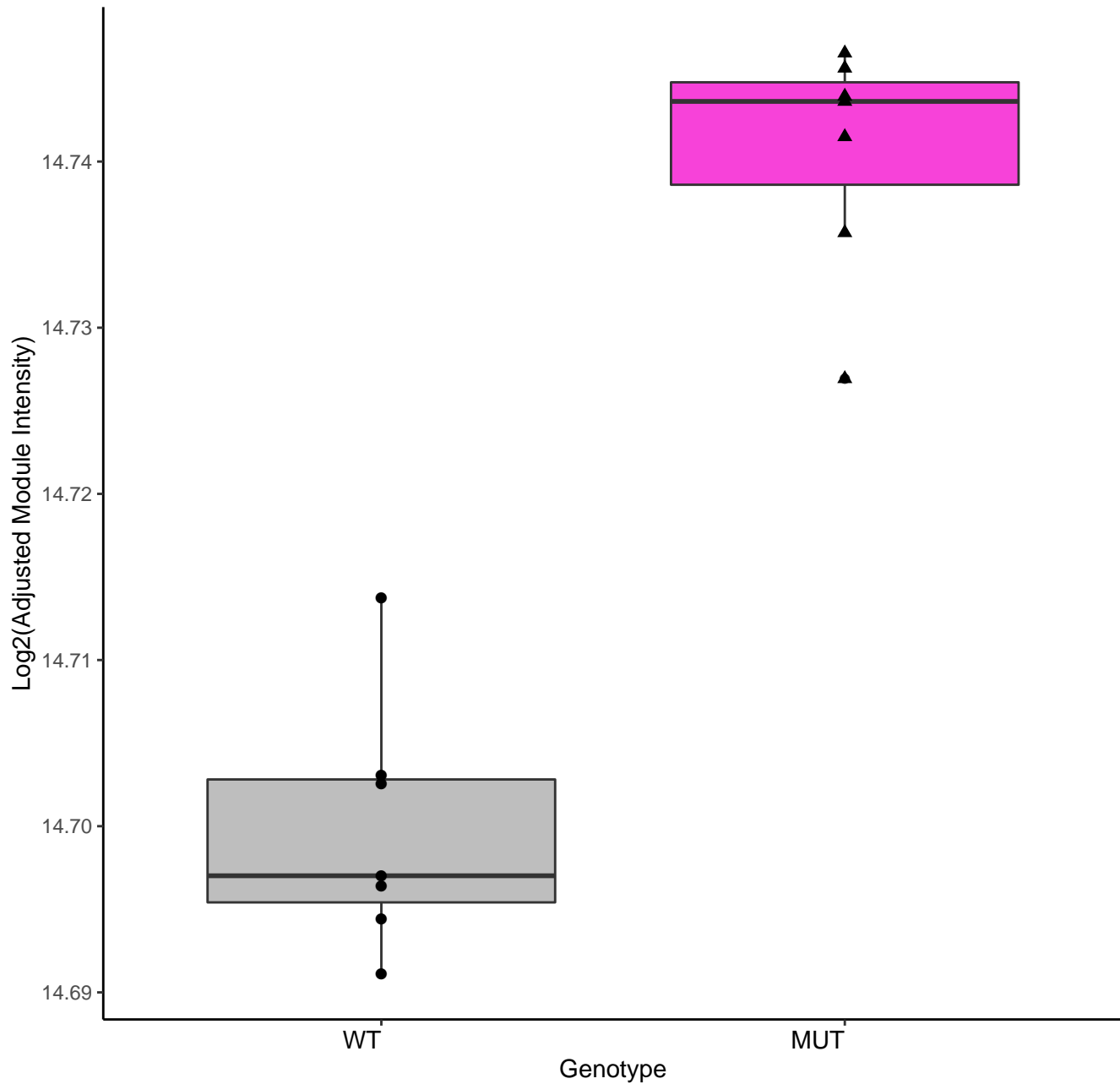
WT

MUT

Genotype



M7



M8

Log2(Adjusted Module Intensity)

13.22

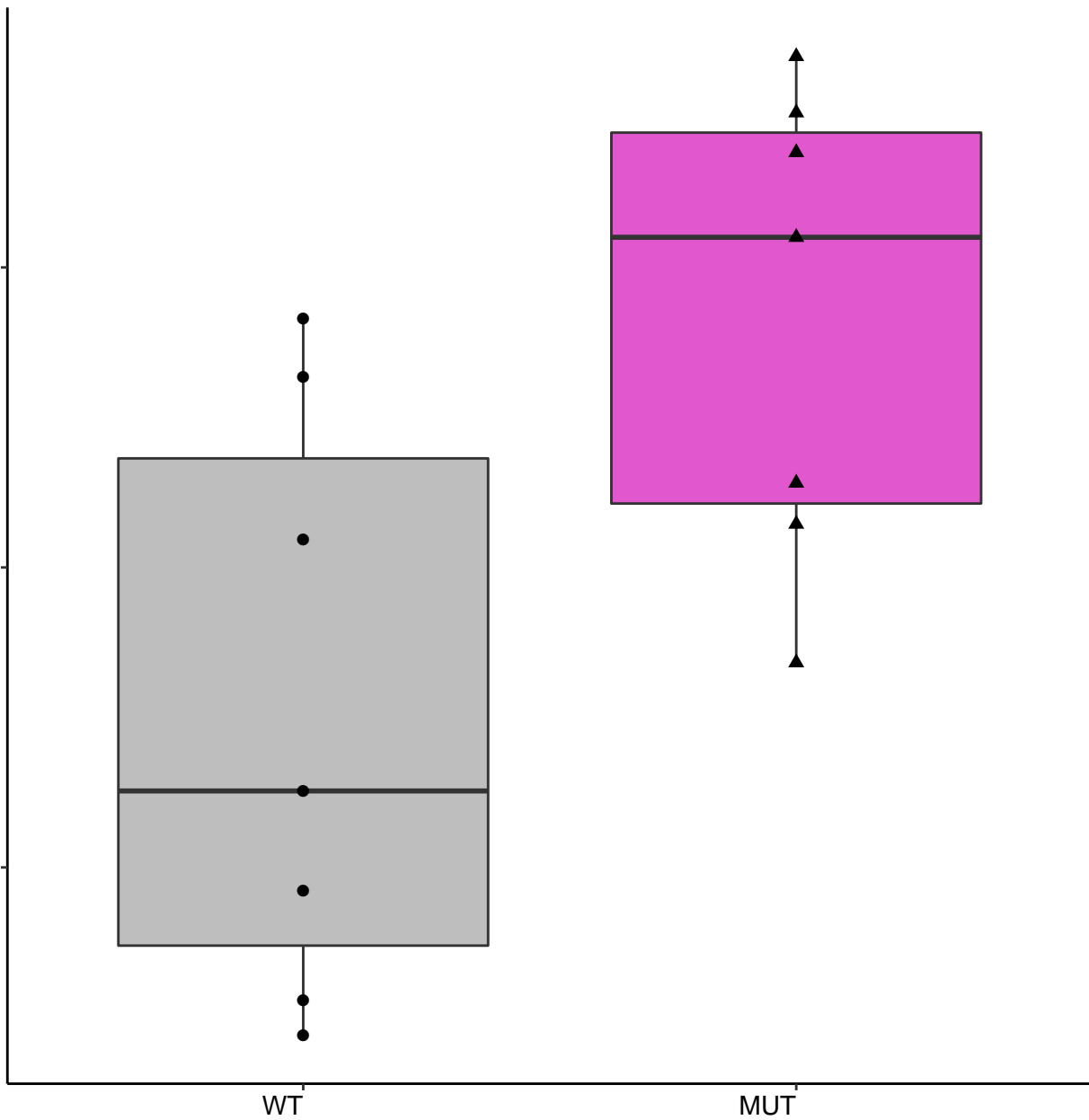
13.20

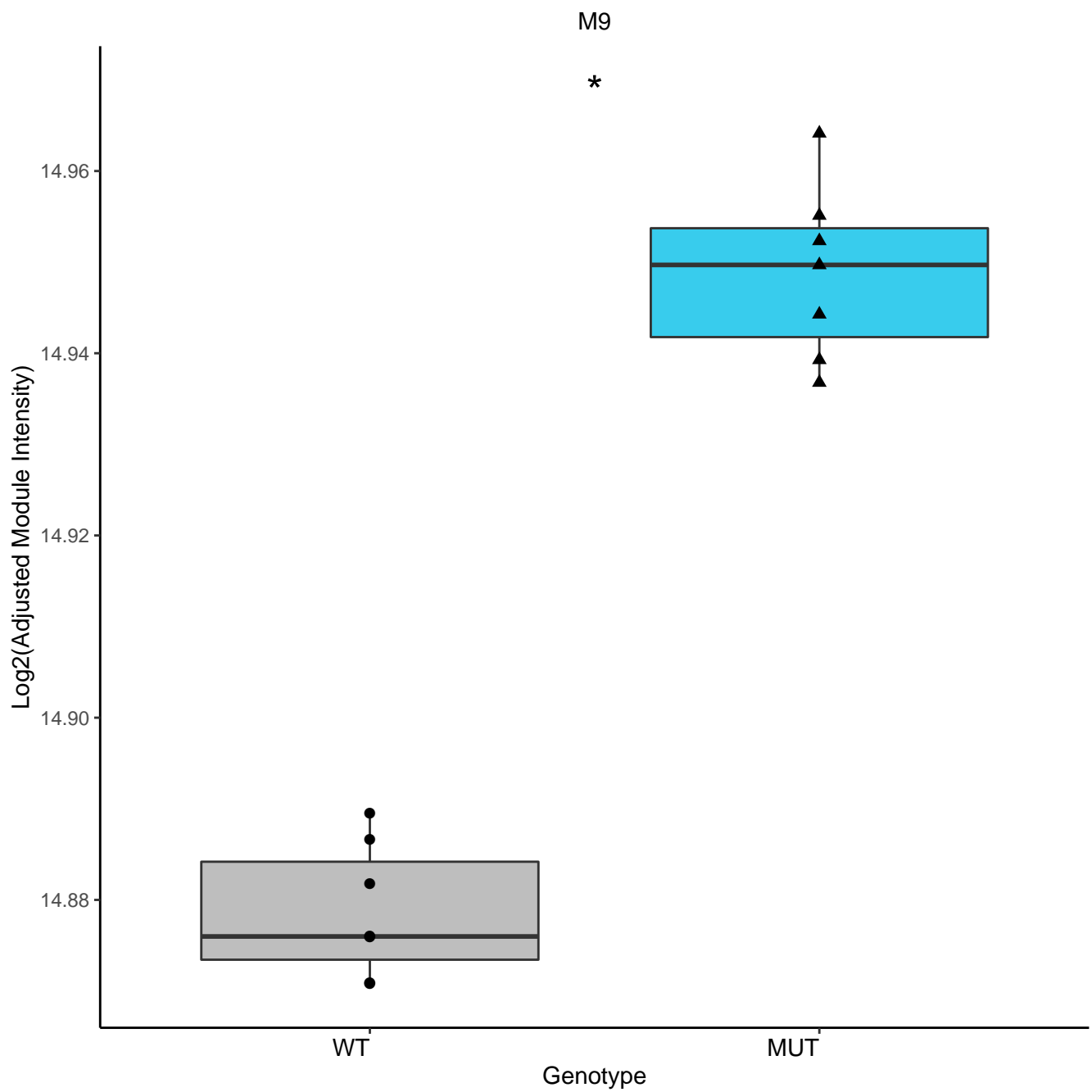
13.18

WT

Genotype

MUT





M10

Log2(Adjusted Module Intensity)

12.25

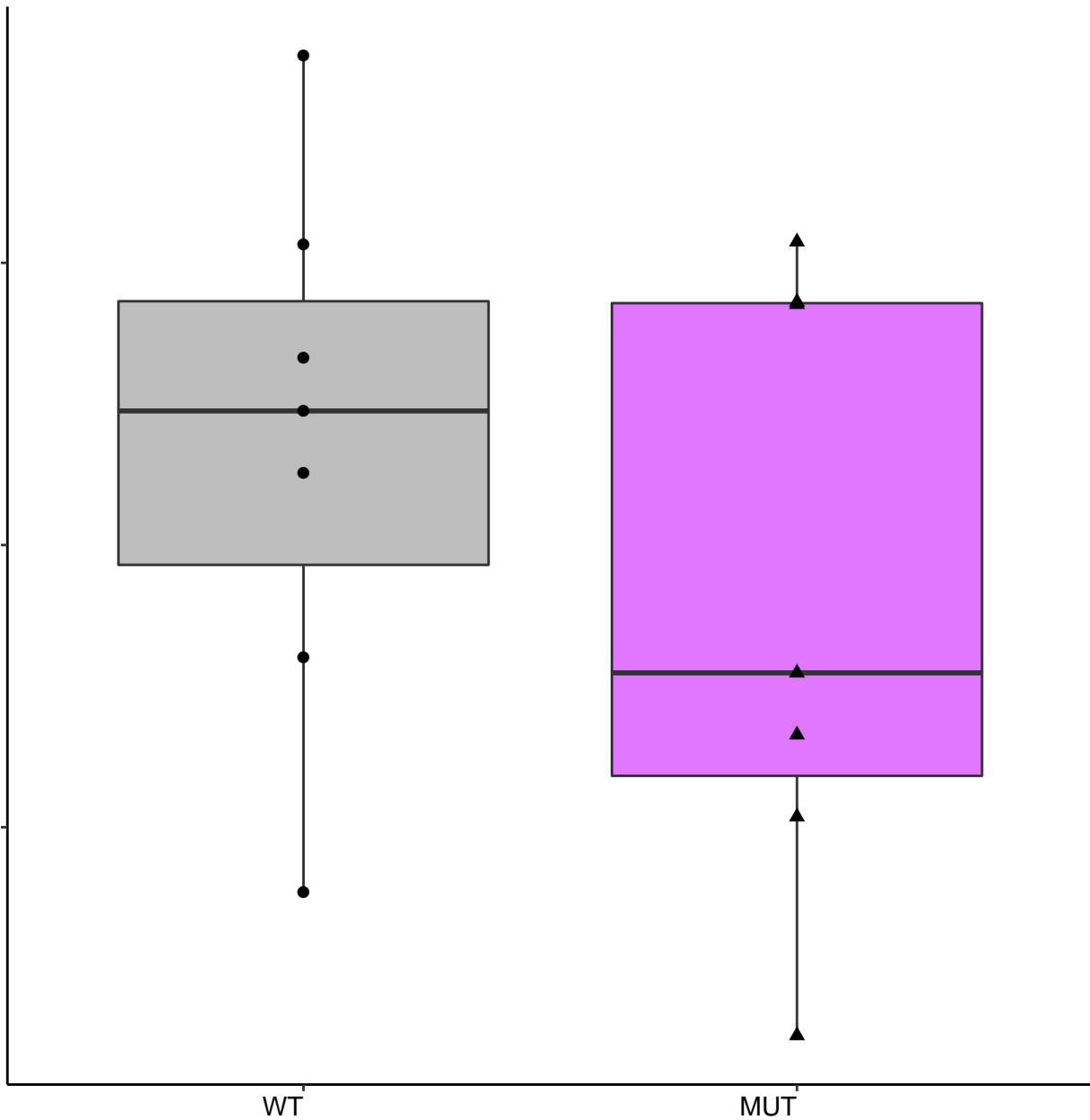
12.24

12.23

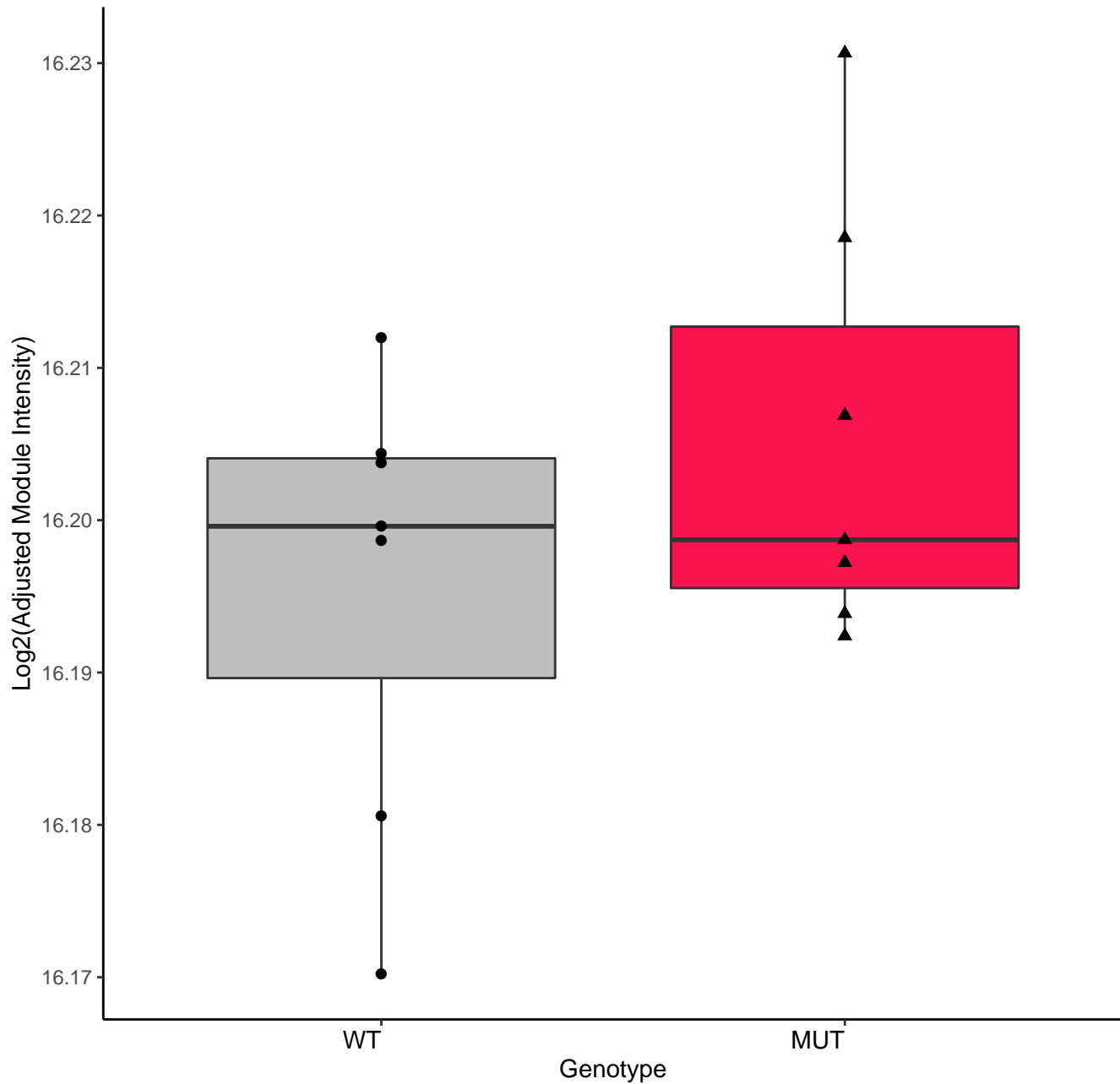
WT

Genotype

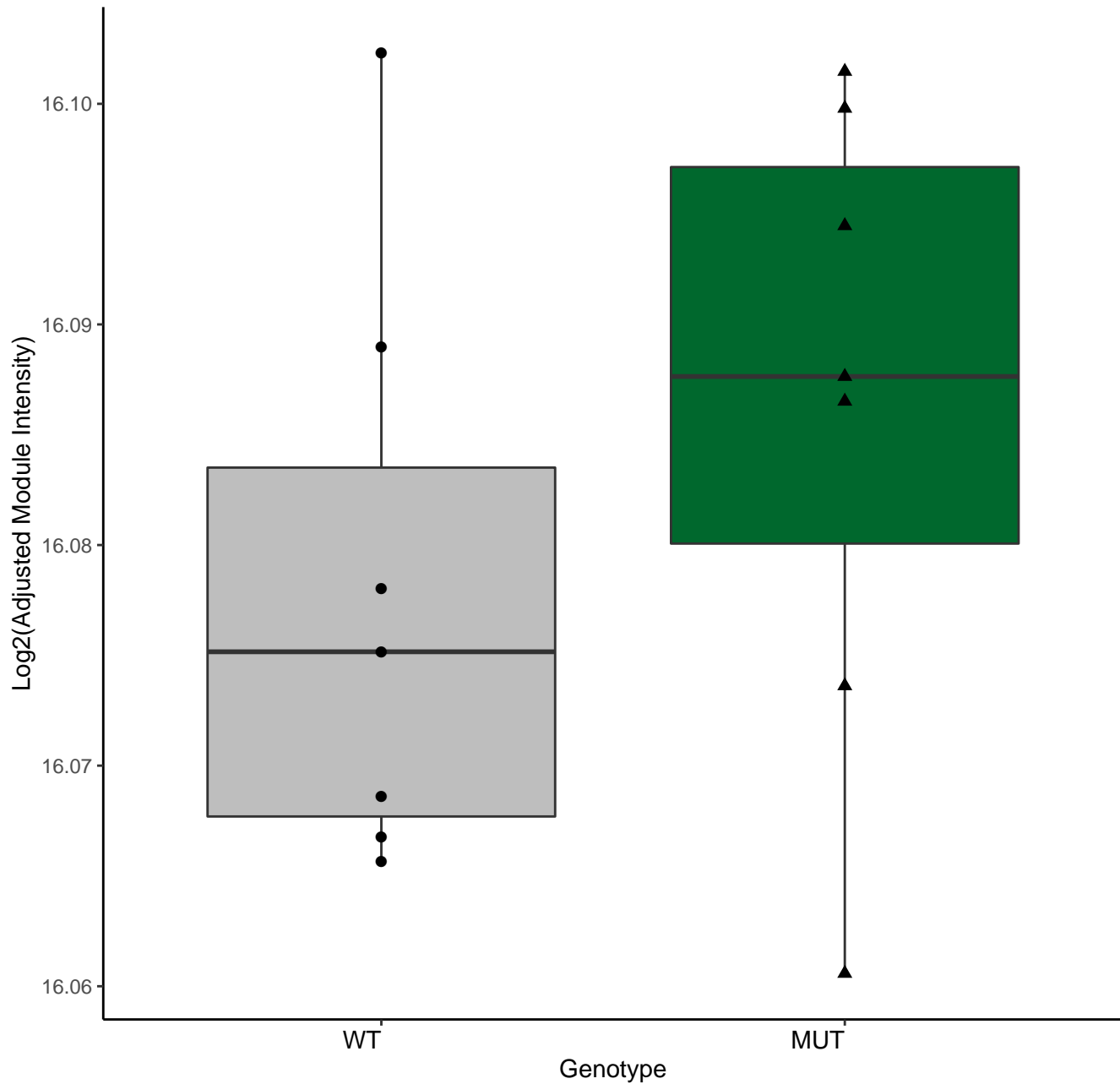
MUT



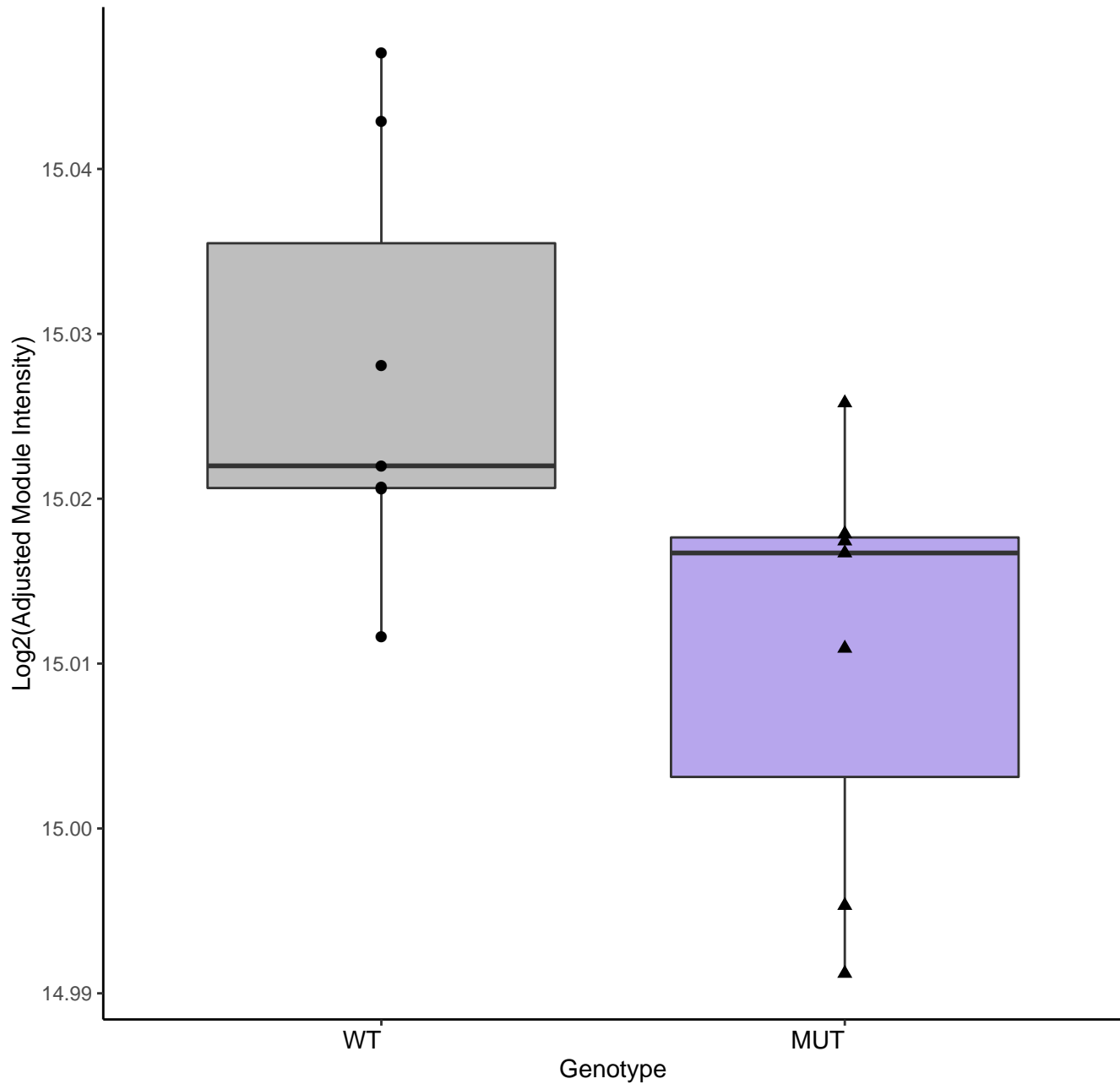
M11

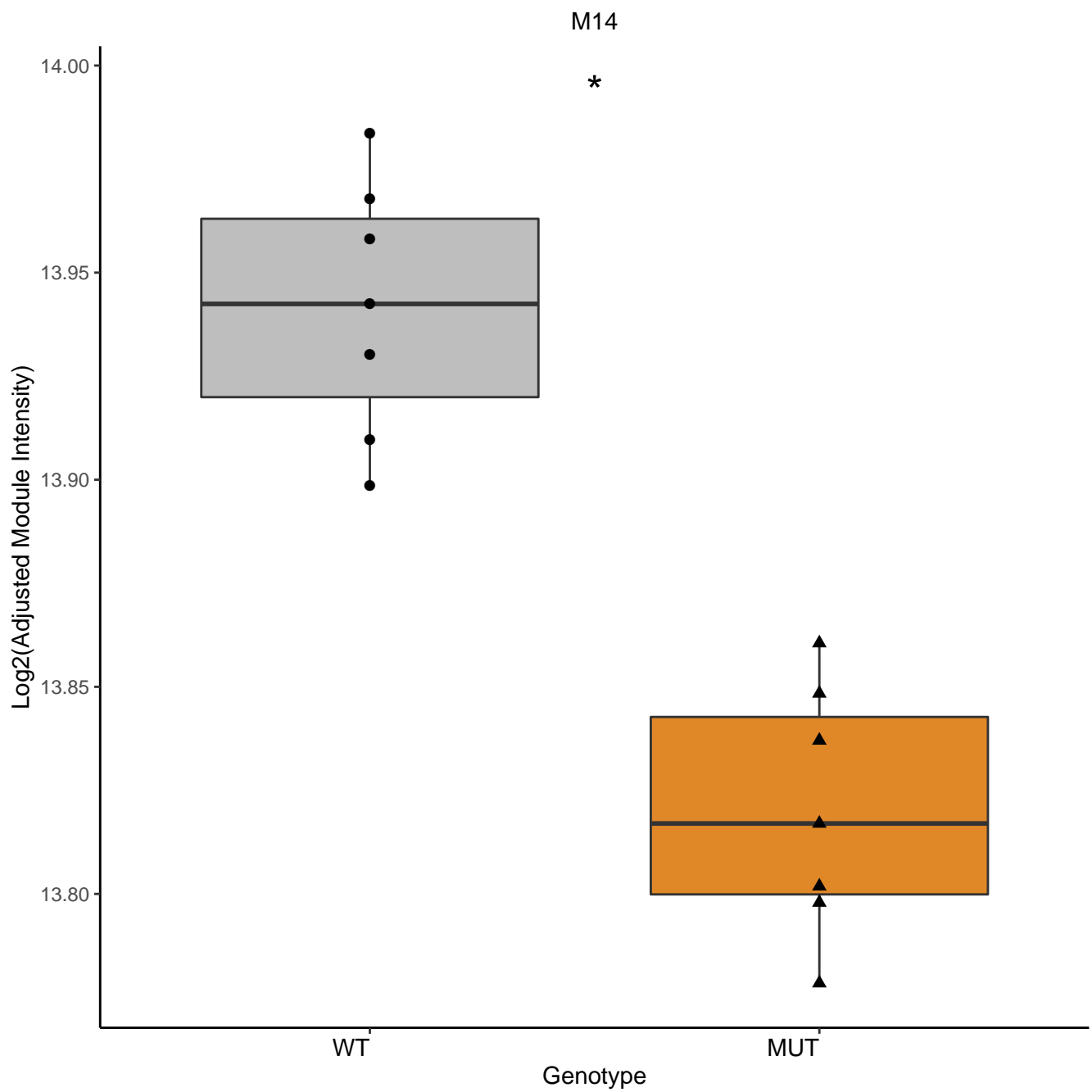


M12



M13





M15

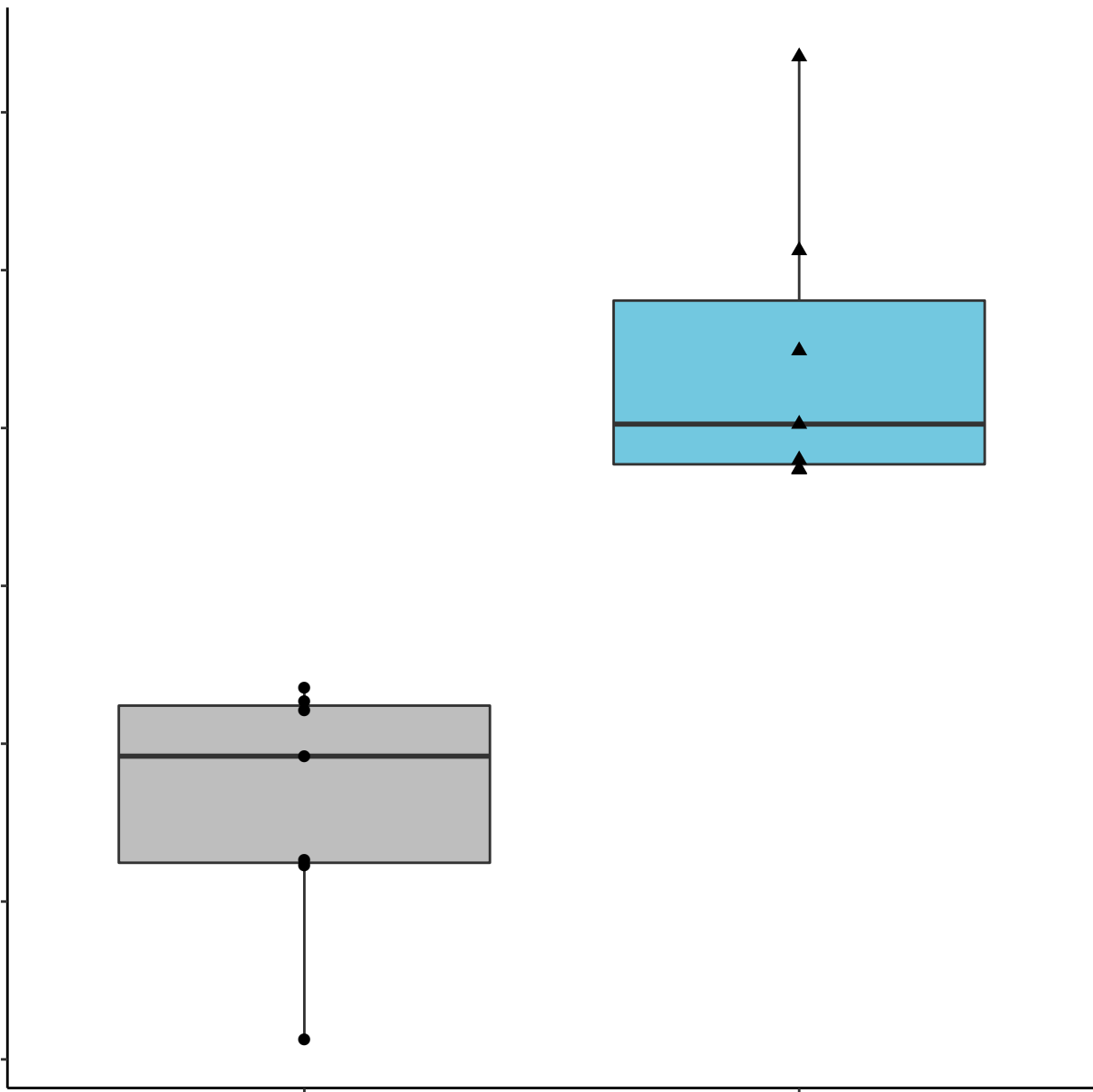
Log2(Adjusted Module Intensity)

13.23
13.22
13.21
13.20
13.19
13.18
13.17

WT

MUT

Genotype



M16

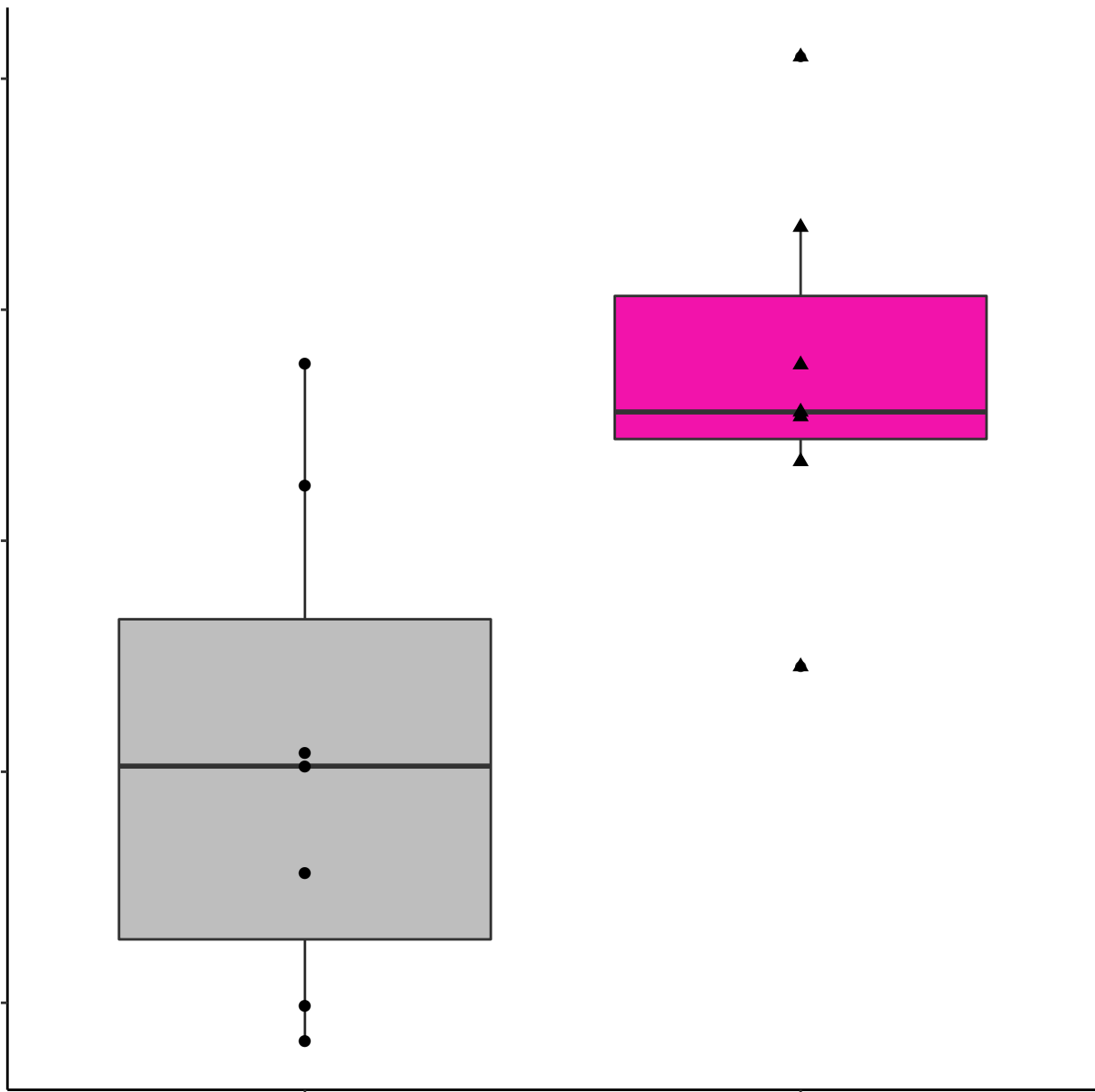
Log2(Adjusted Module Intensity)

12.34
12.32
12.30
12.28
12.26

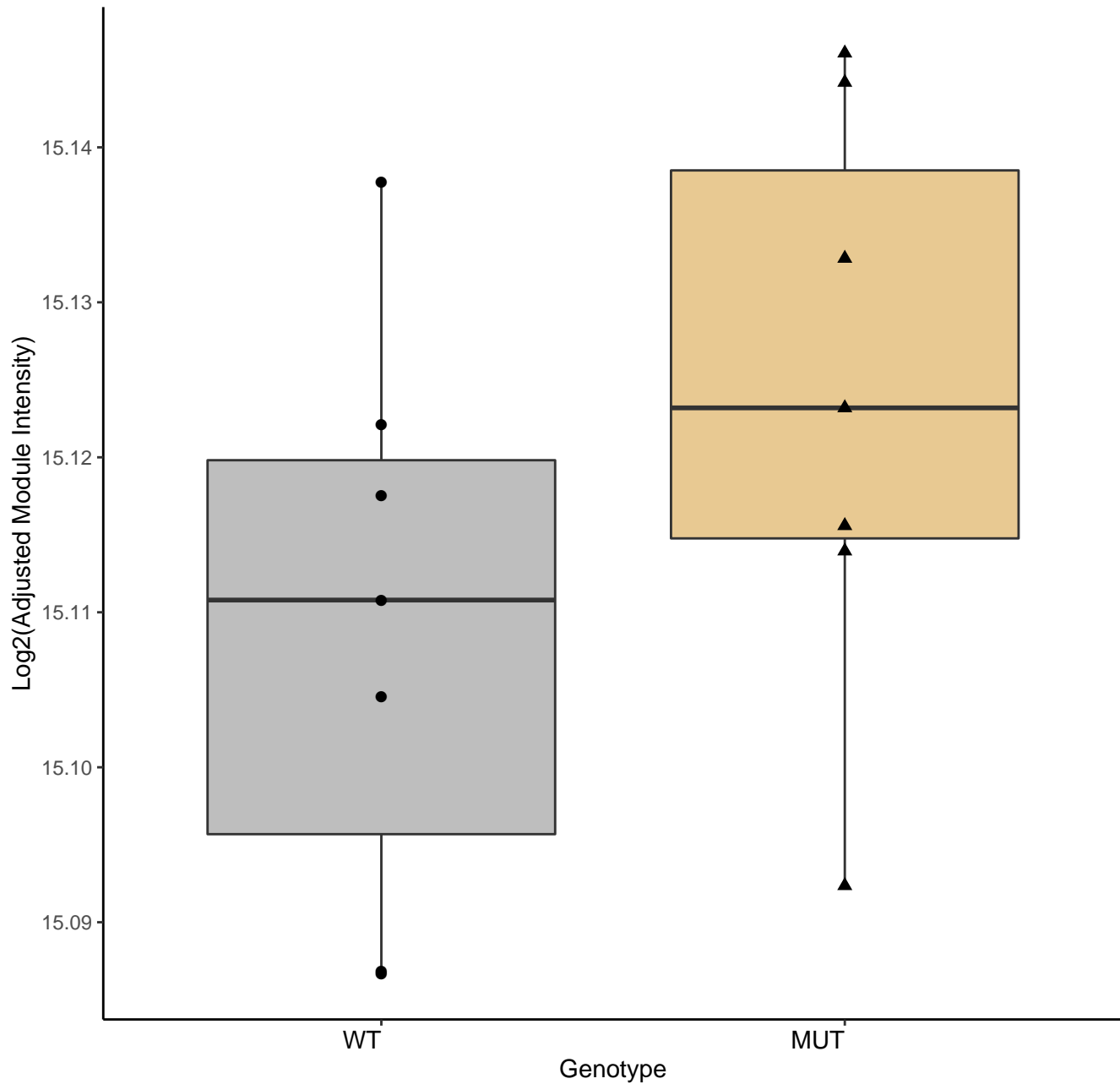
WT

Genotype

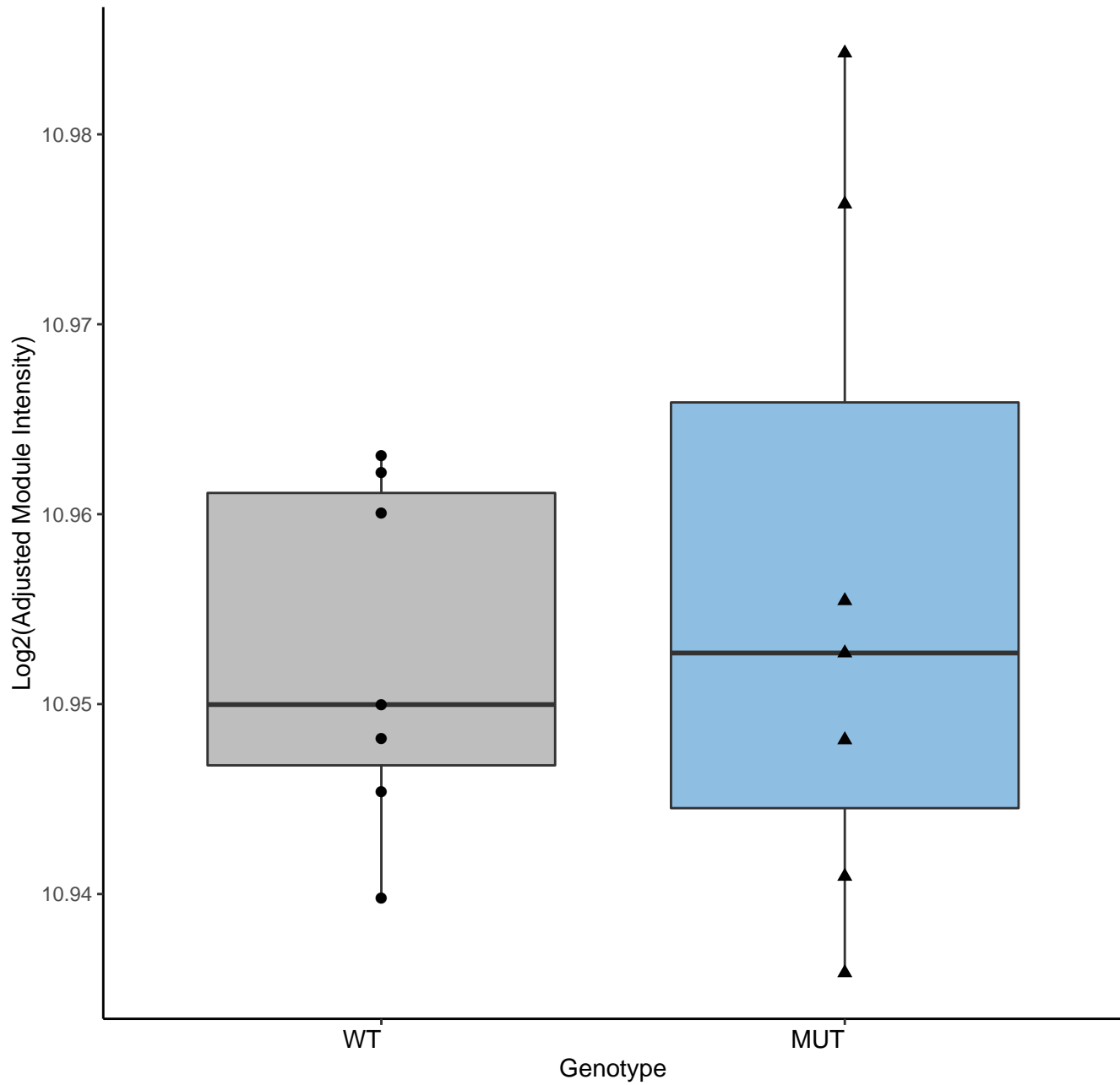
MUT



M17



M18



M19

**

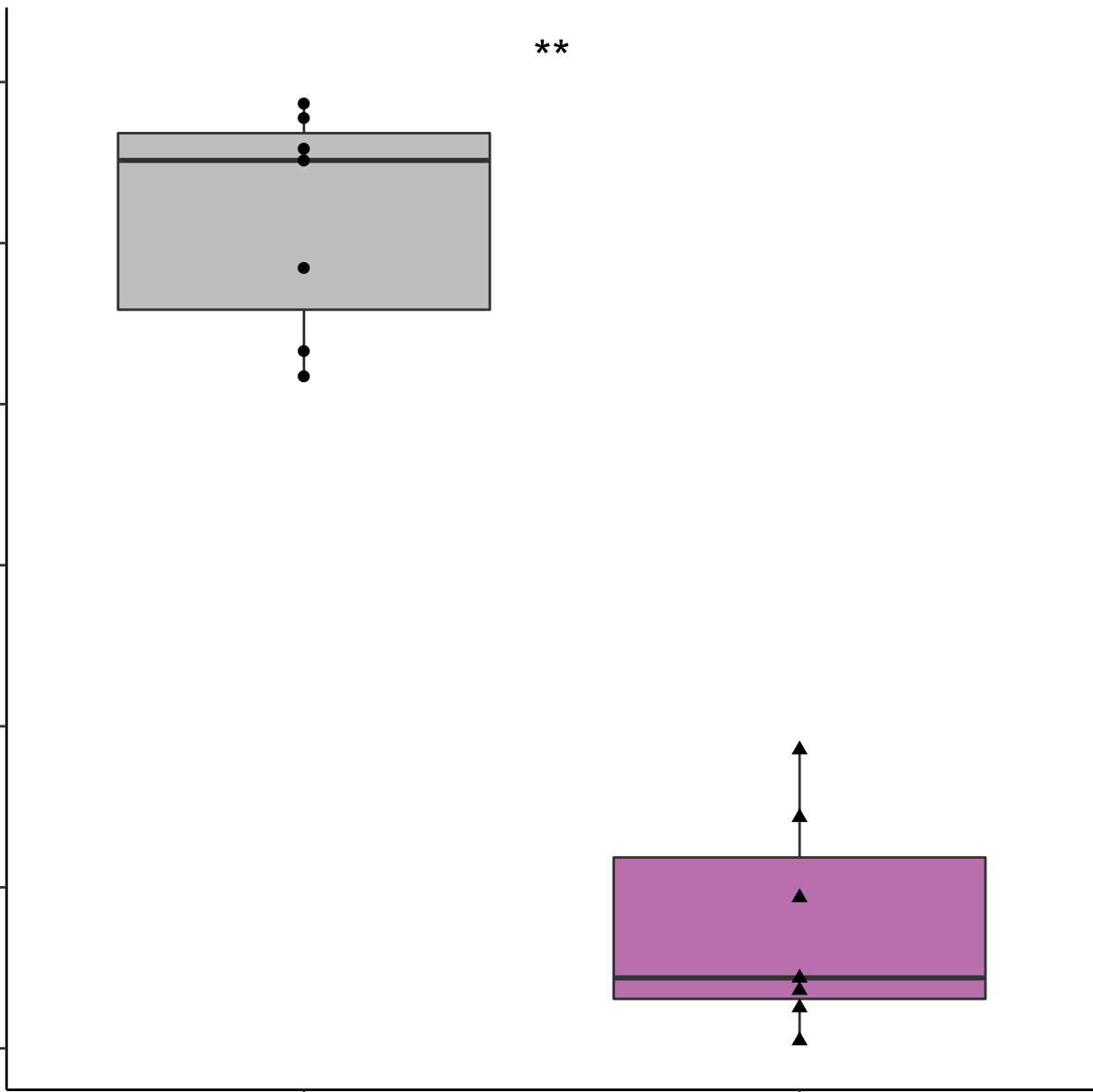
Log2(Adjusted Module Intensity)

13.25
13.20
13.15
13.10
13.05
13.00
12.95

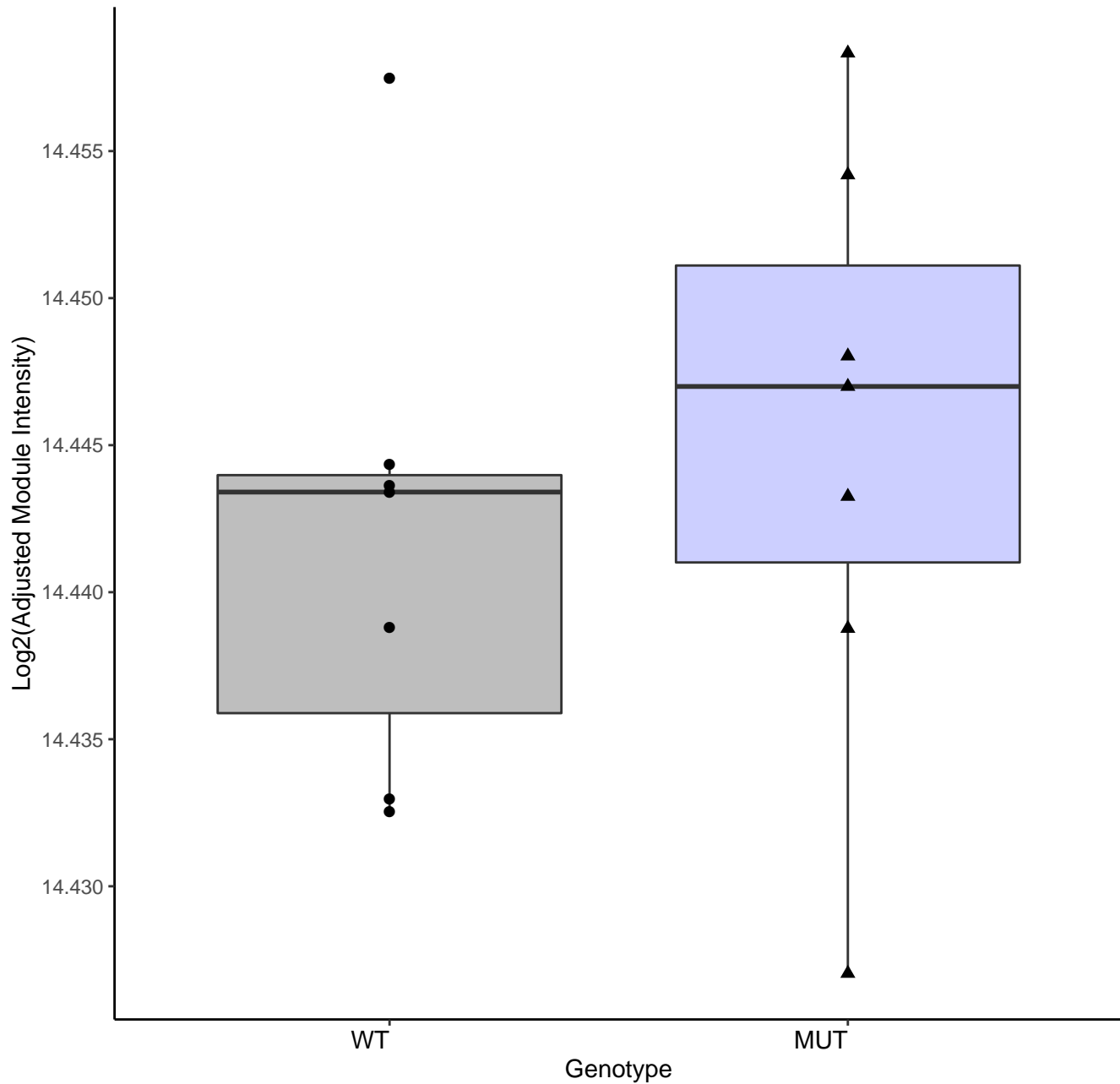
WT

MUT

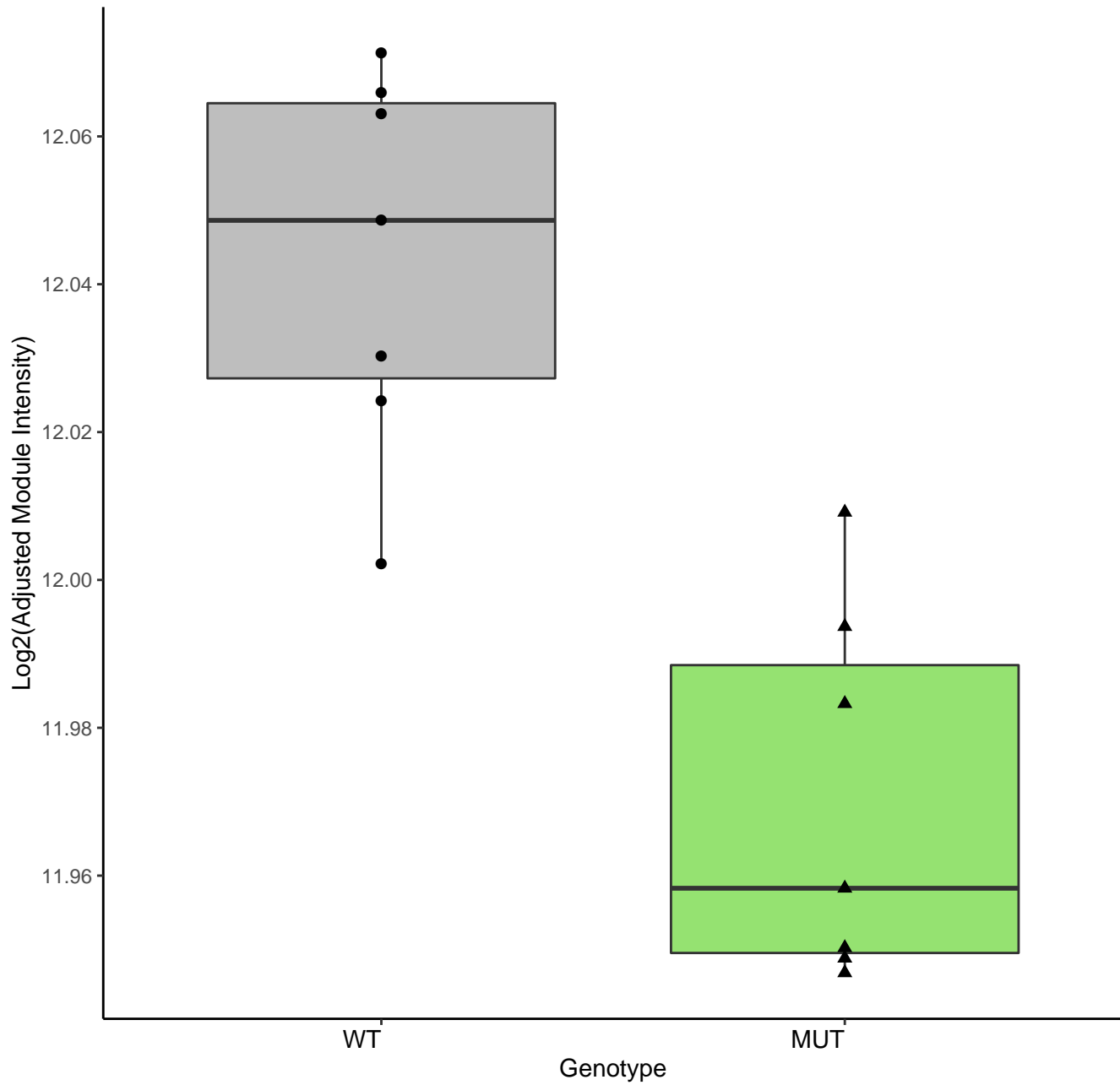
Genotype



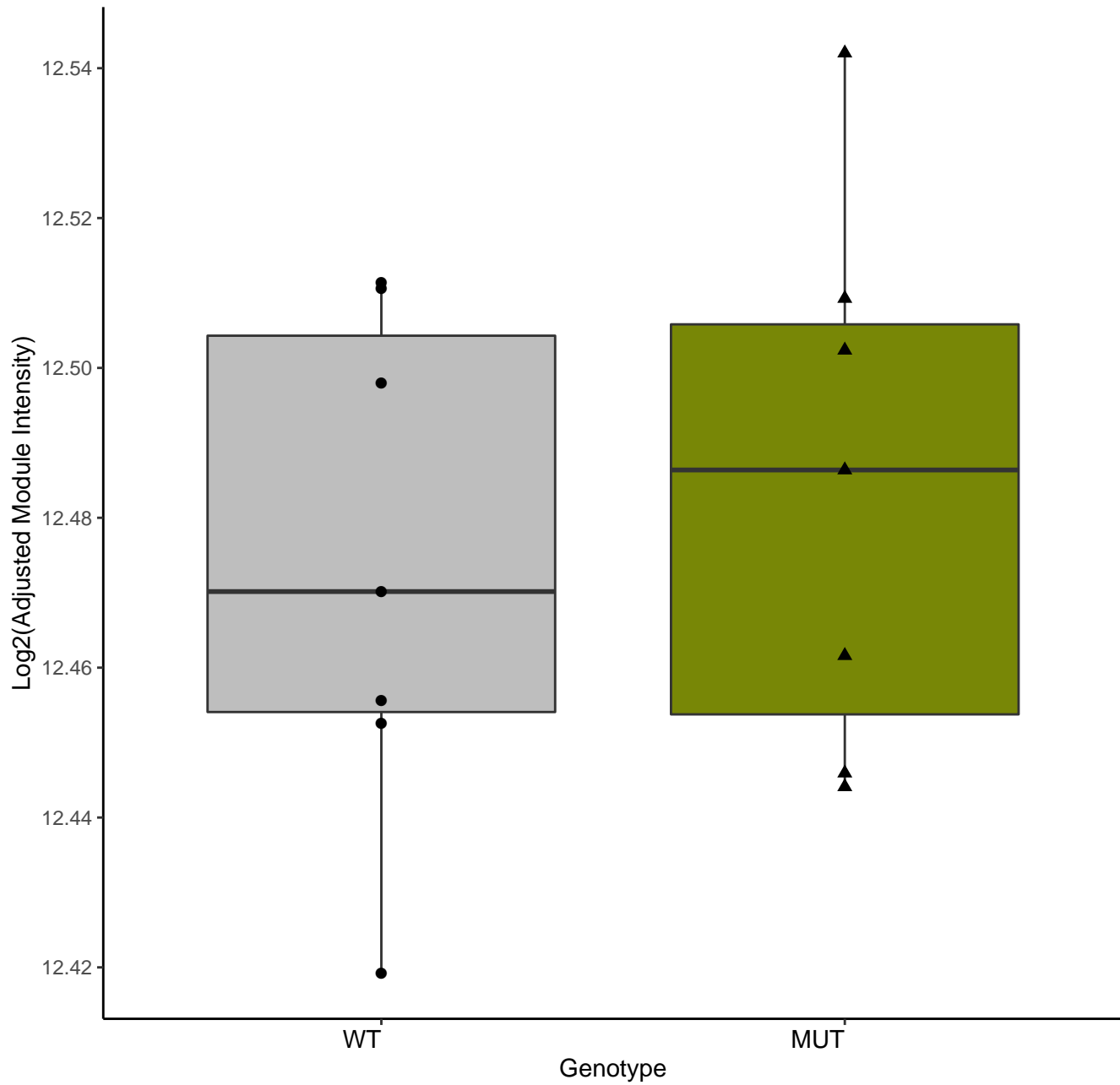
M20

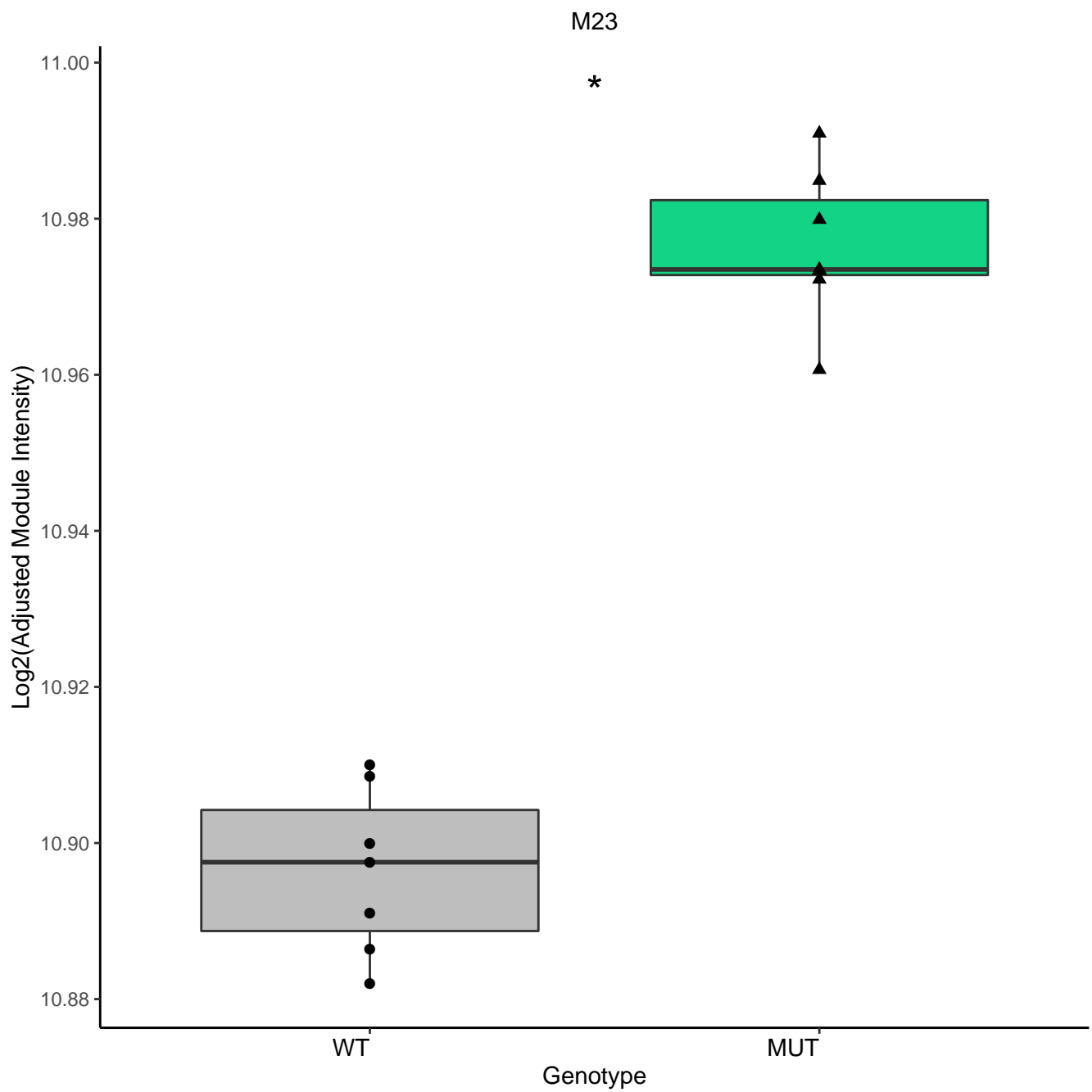


M21

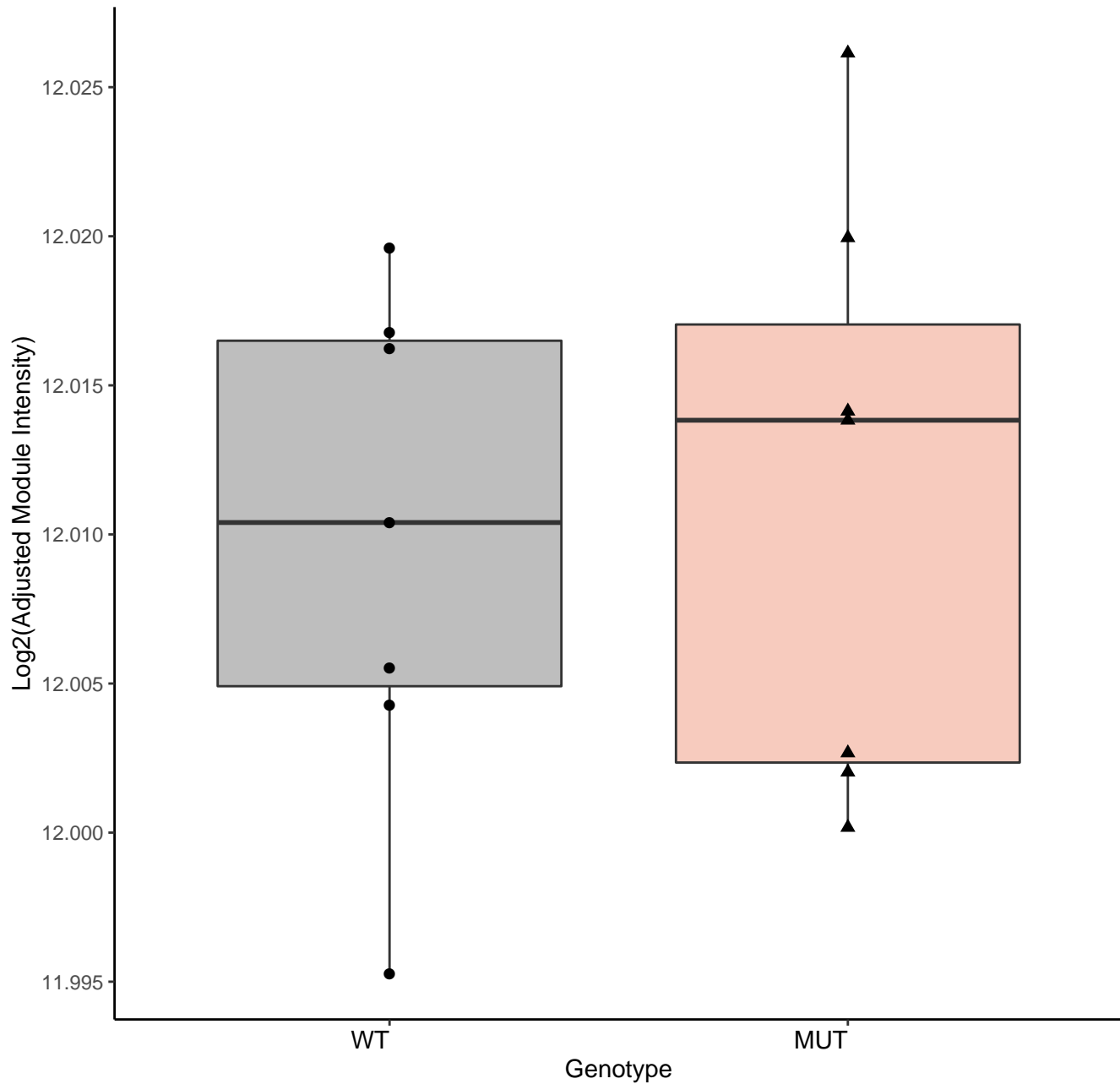


M22

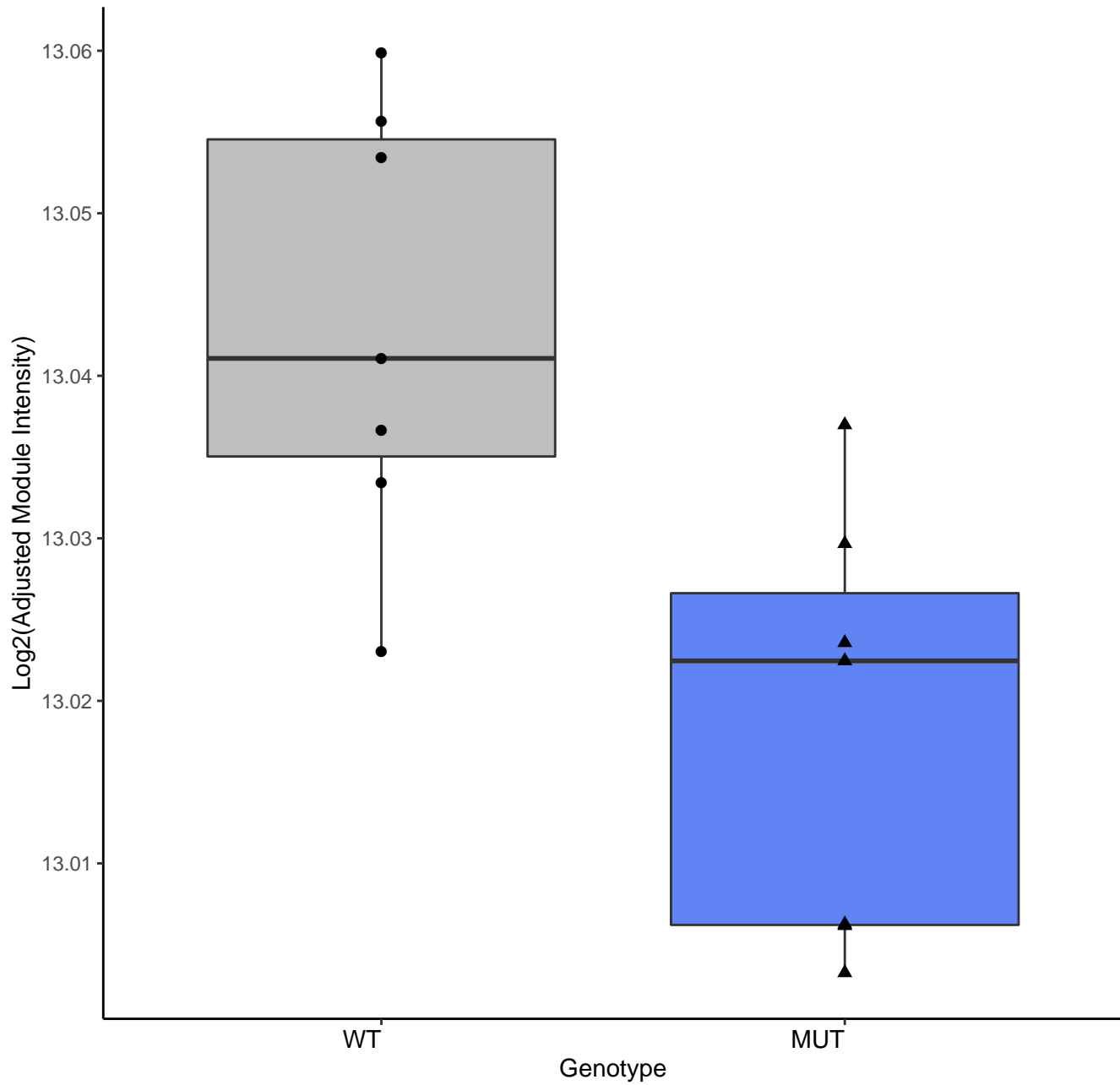




M24



M25



M26

Log2(Adjusted Module Intensity)

11.51

11.50

11.49

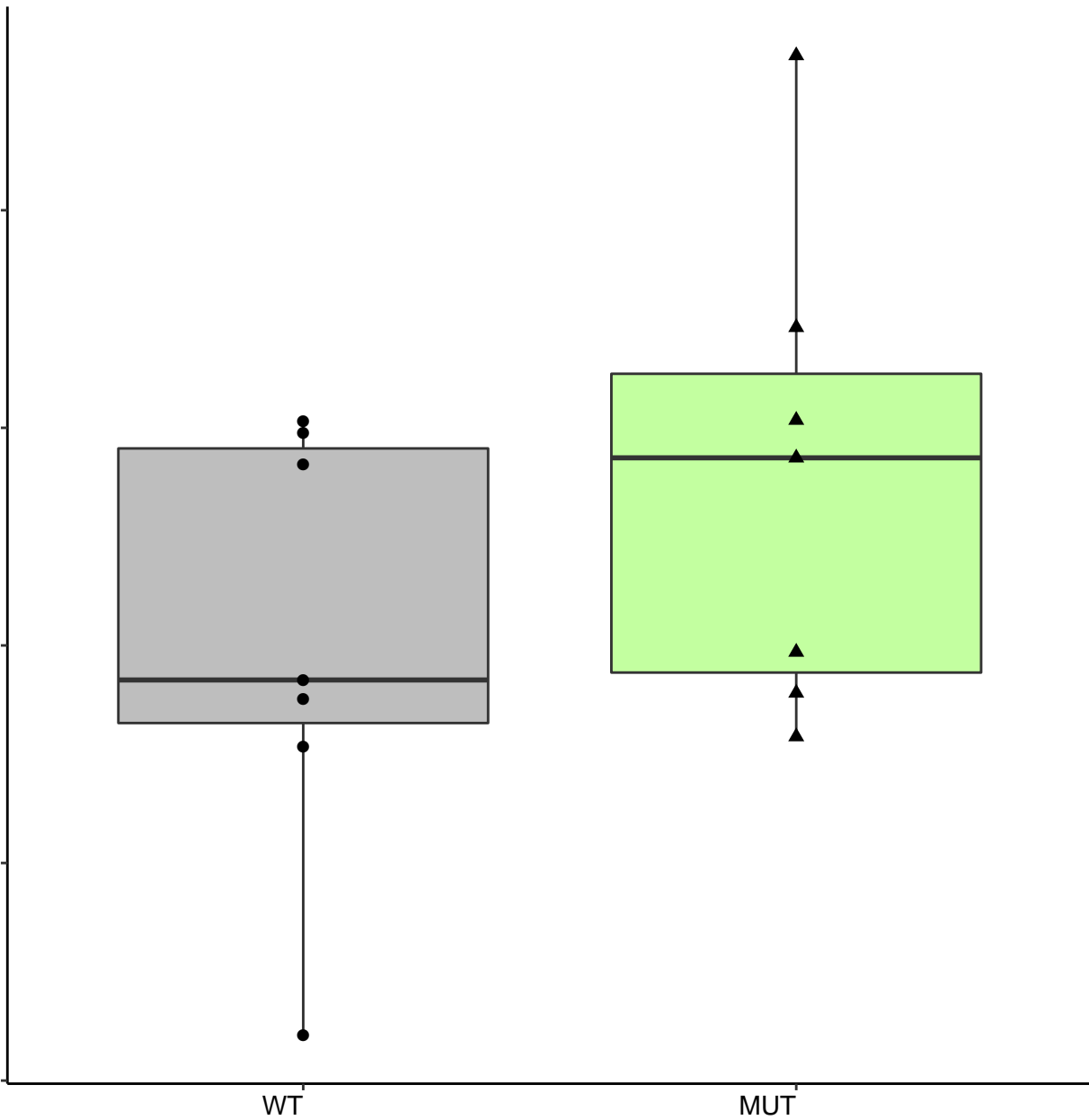
11.48

11.47

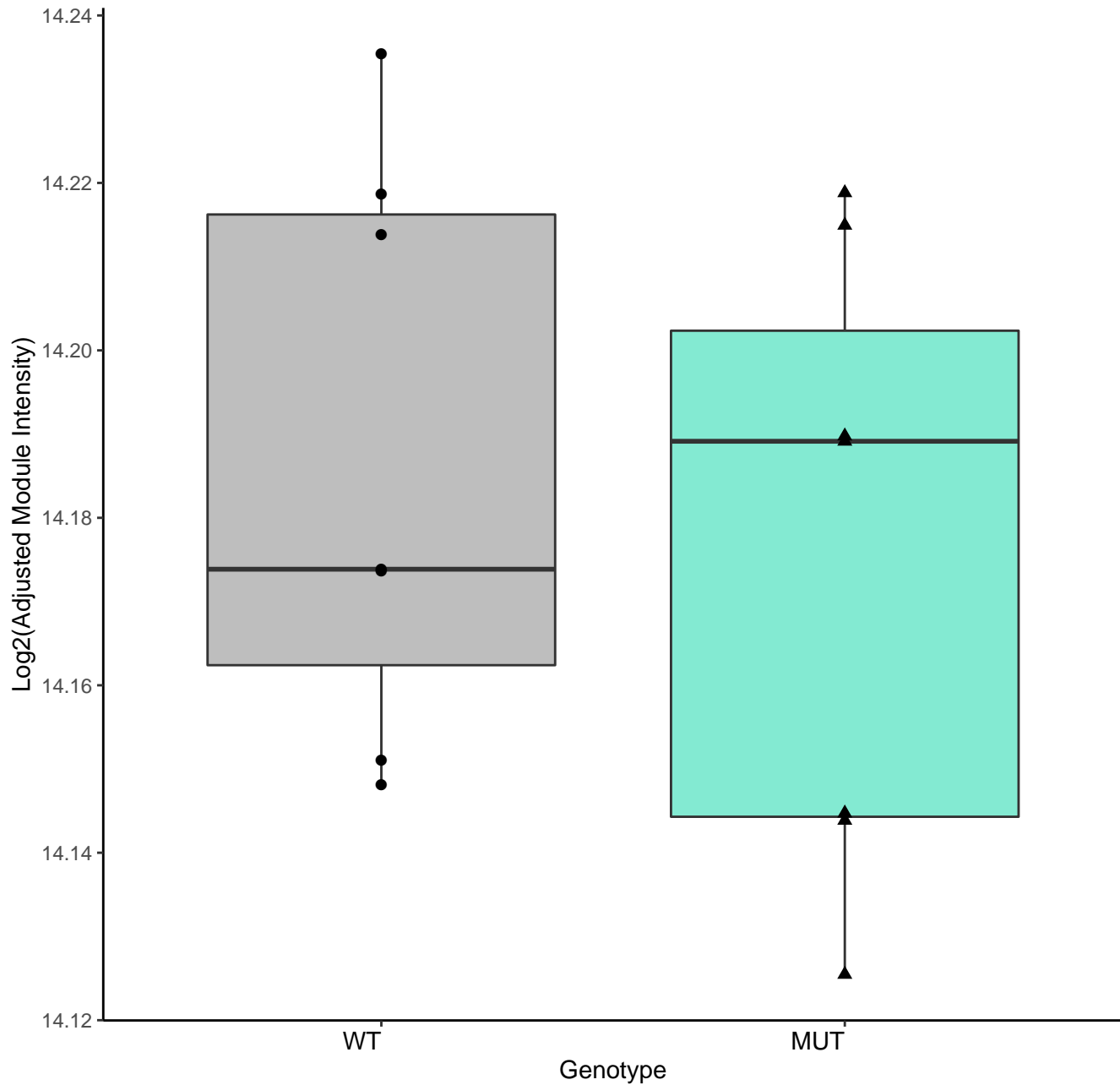
WT

Genotype

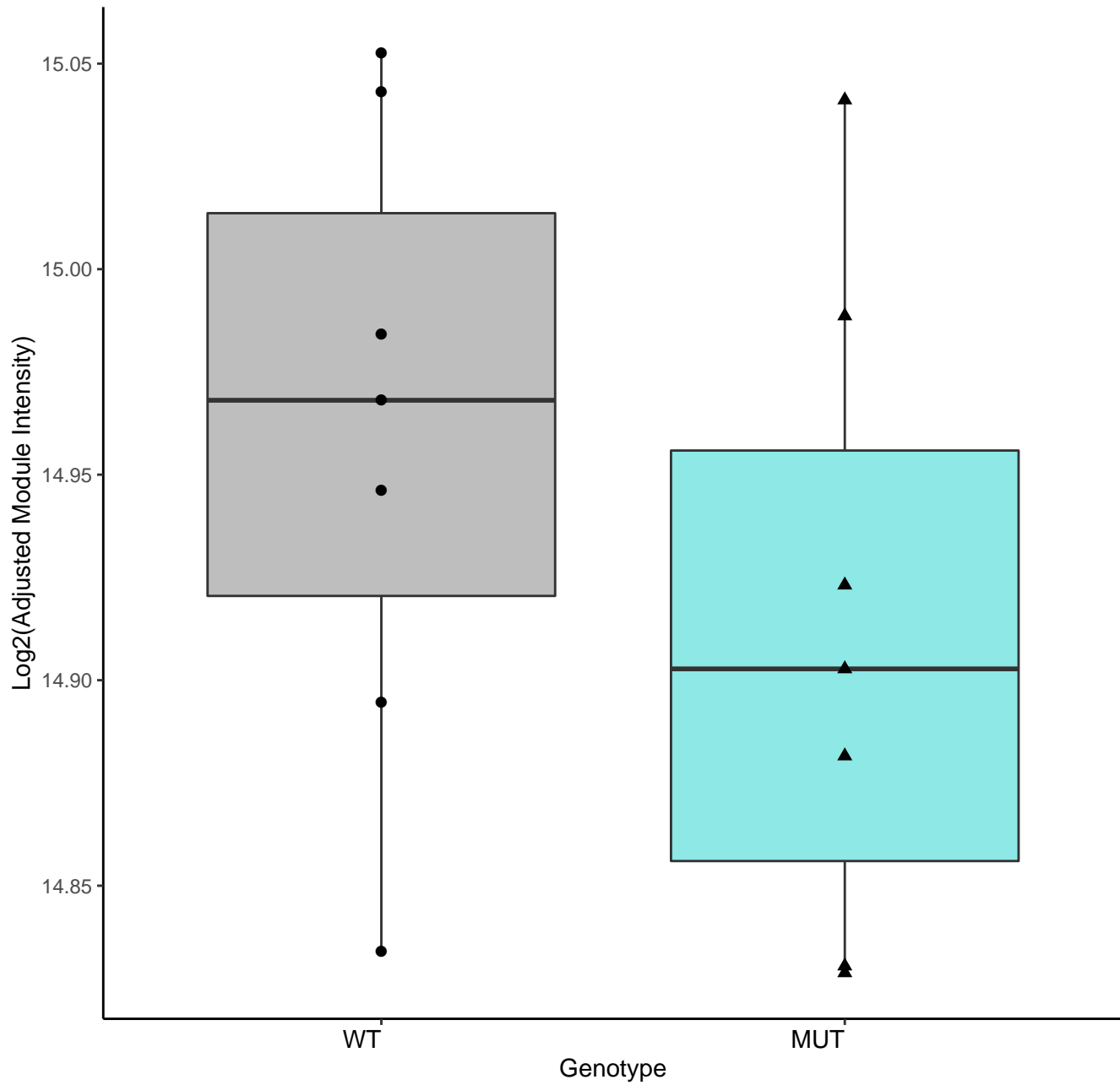
MUT



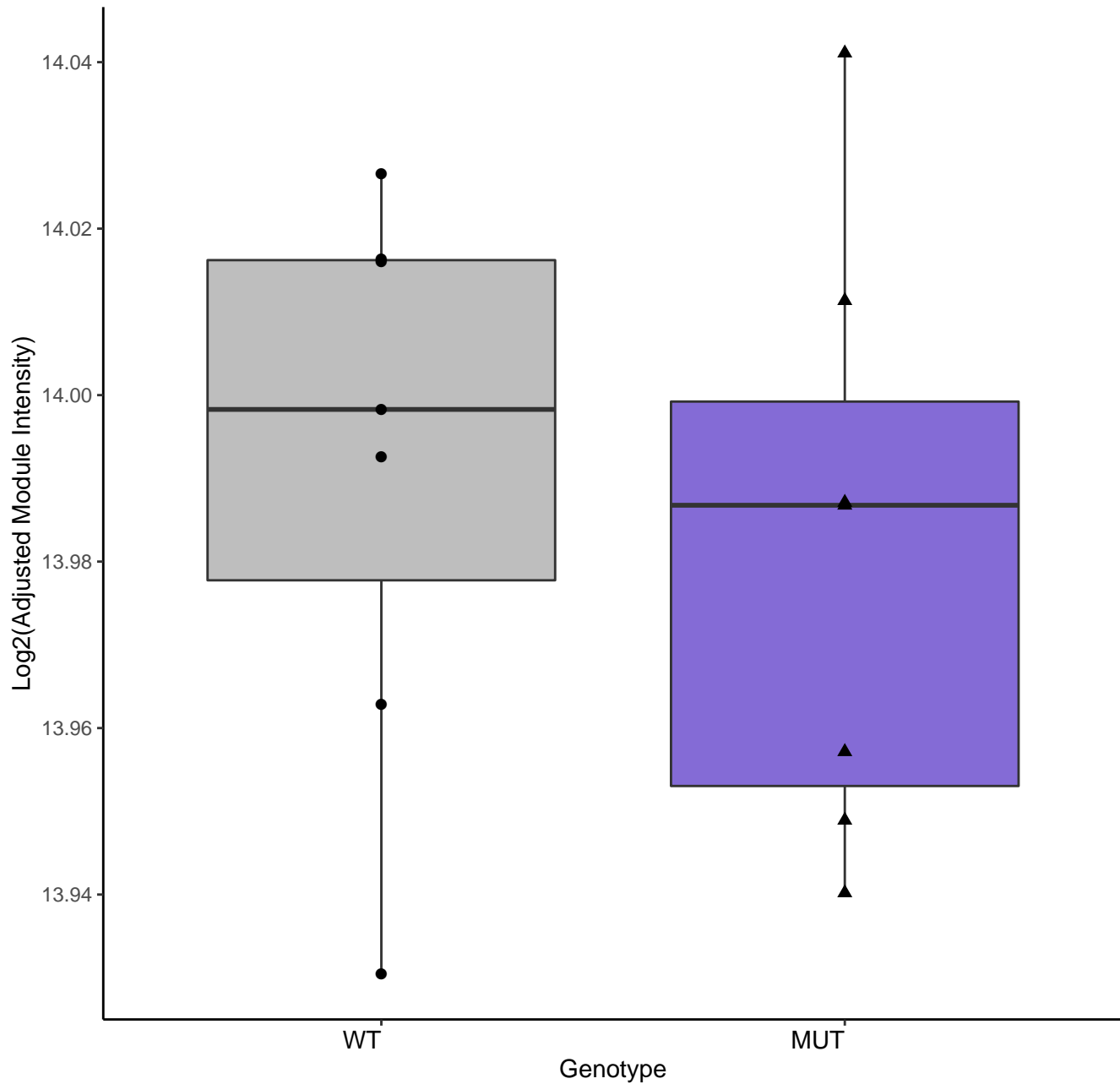
M27



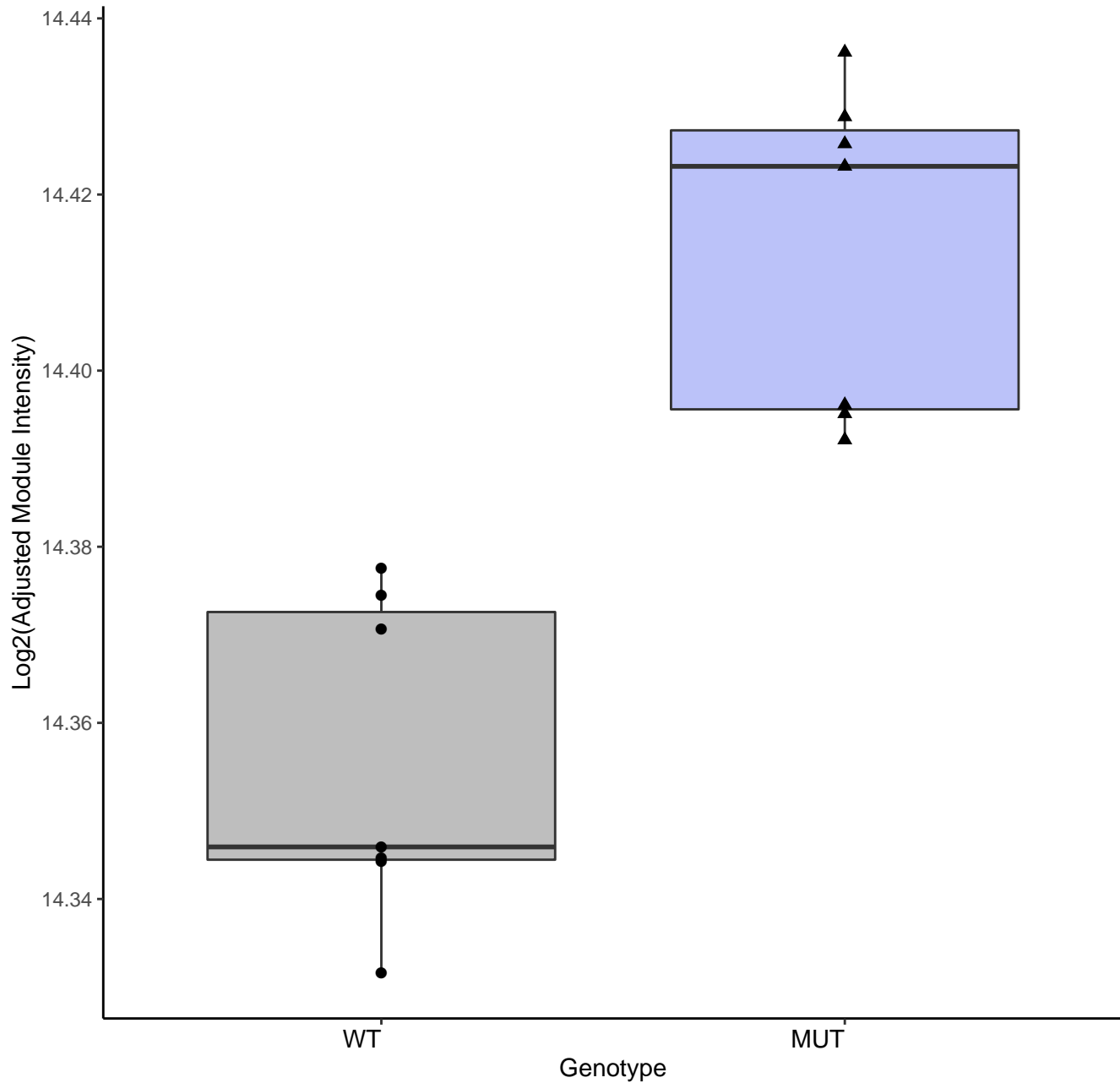
M28



M29



M30



M31

Log2(Adjusted Module Intensity)

12.45

12.40

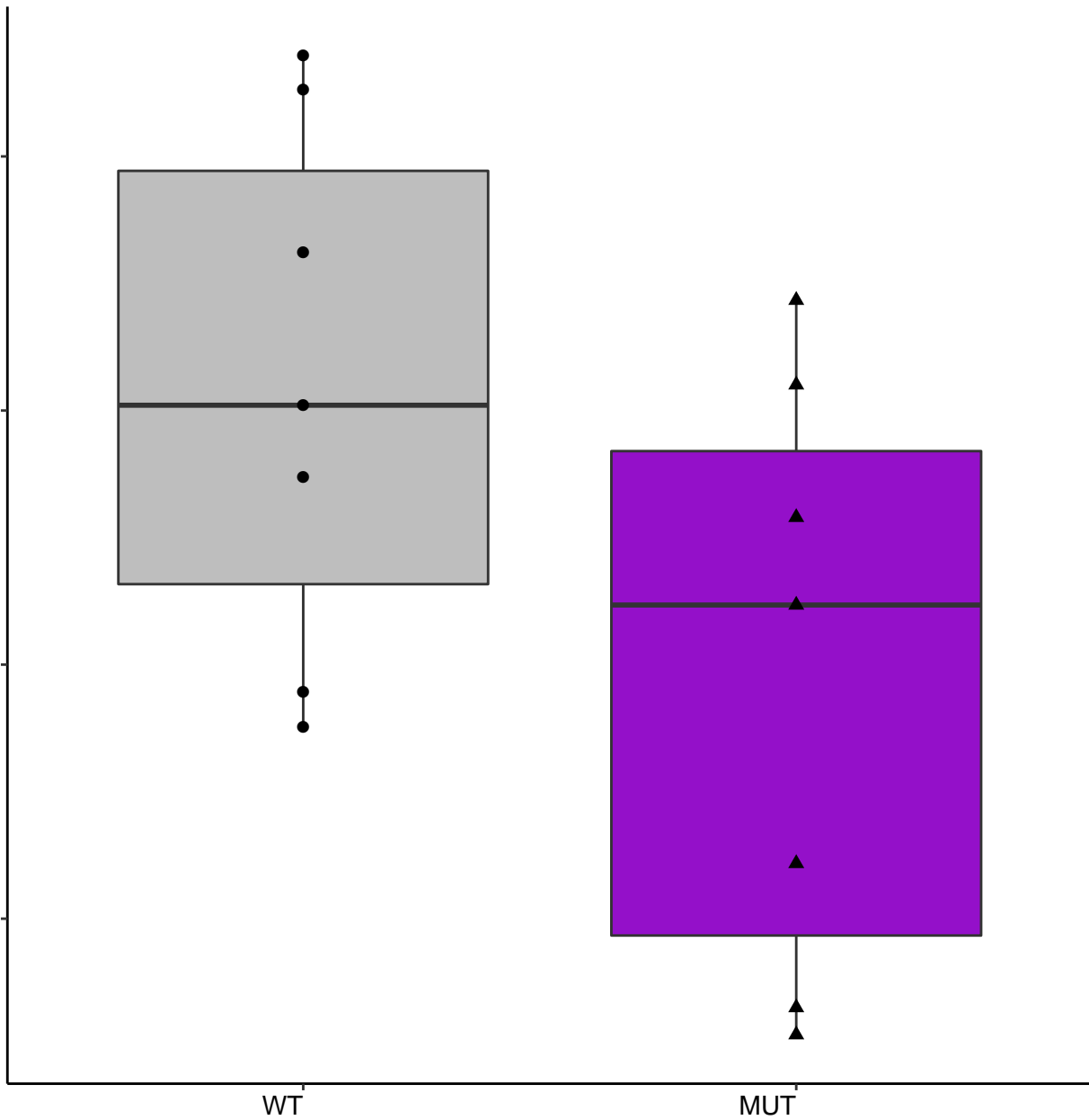
12.35

12.30

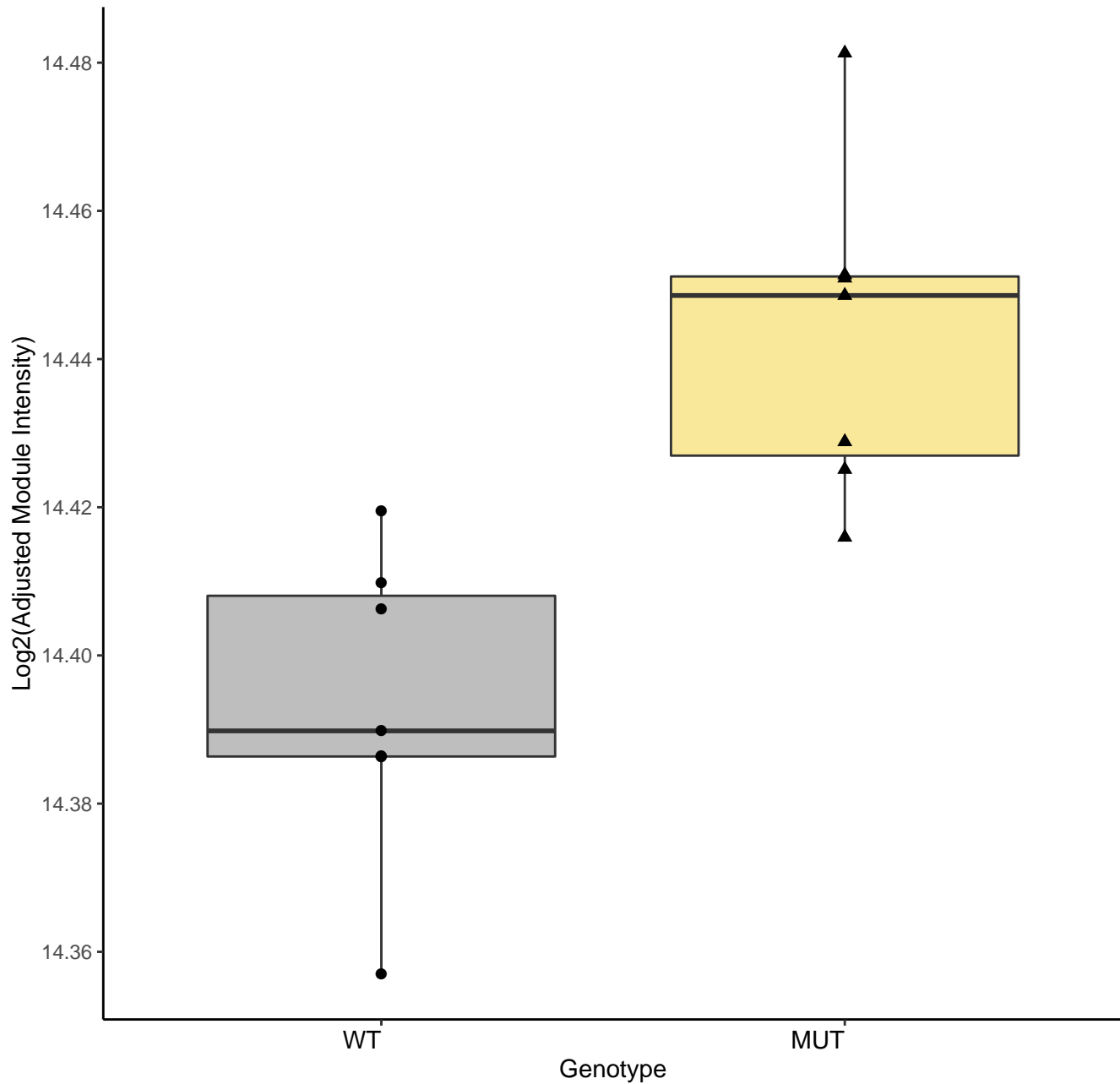
WT

Genotype

MUT



M32



M33

Log2(Adjusted Module Intensity)

12.00

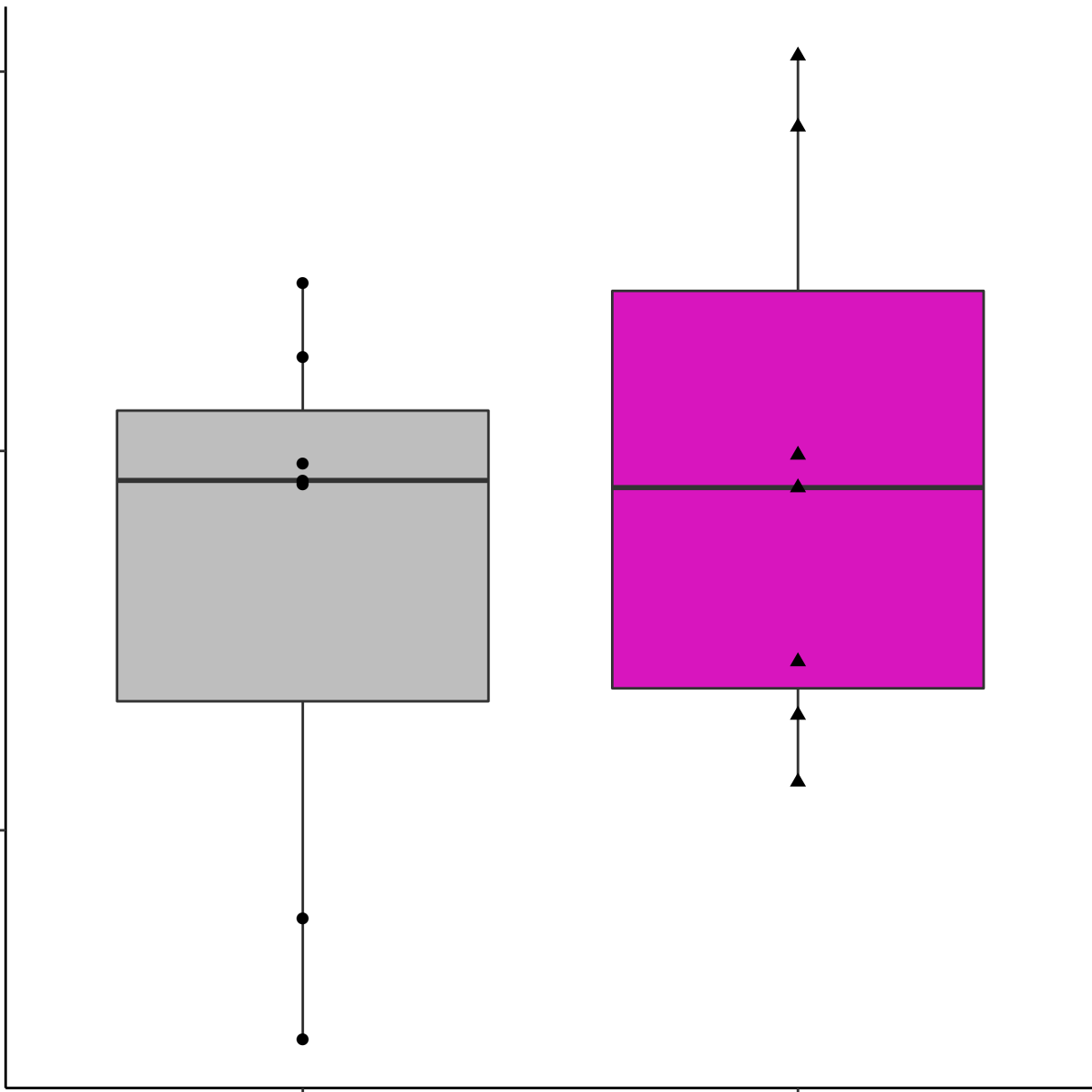
11.95

11.90

WT

Genotype

MUT



M34

Log2(Adjusted Module Intensity)

12.35

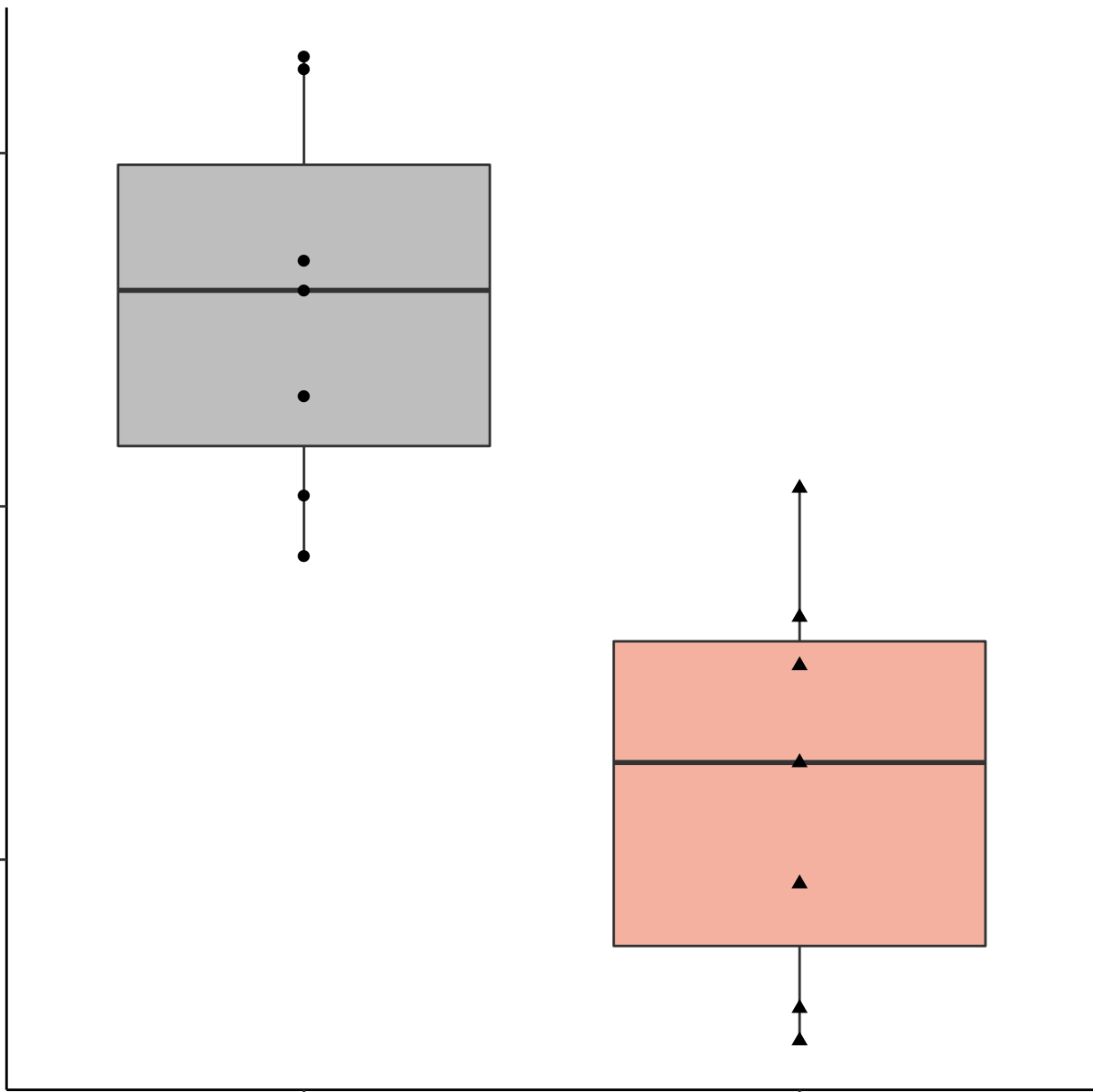
12.30

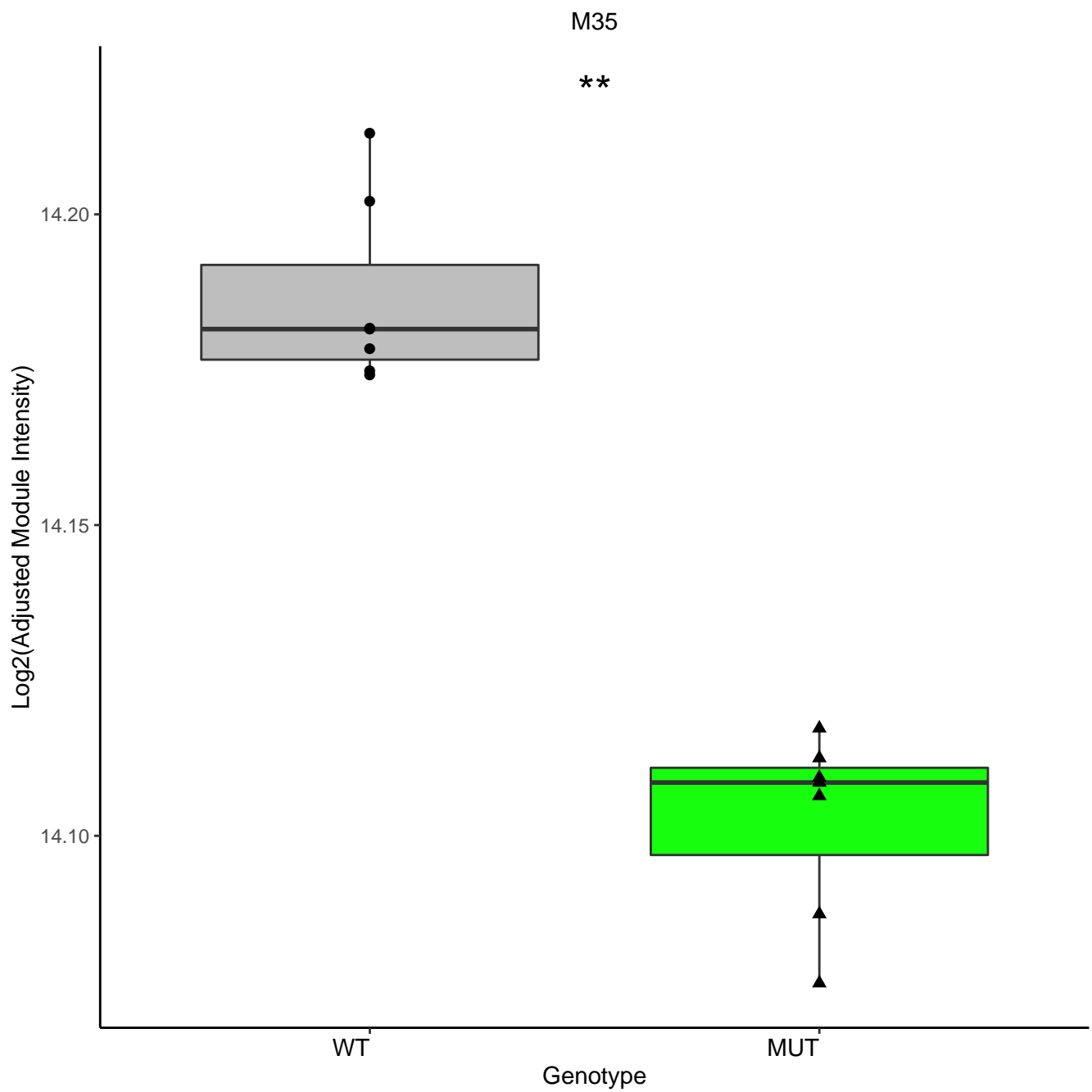
12.25

WT

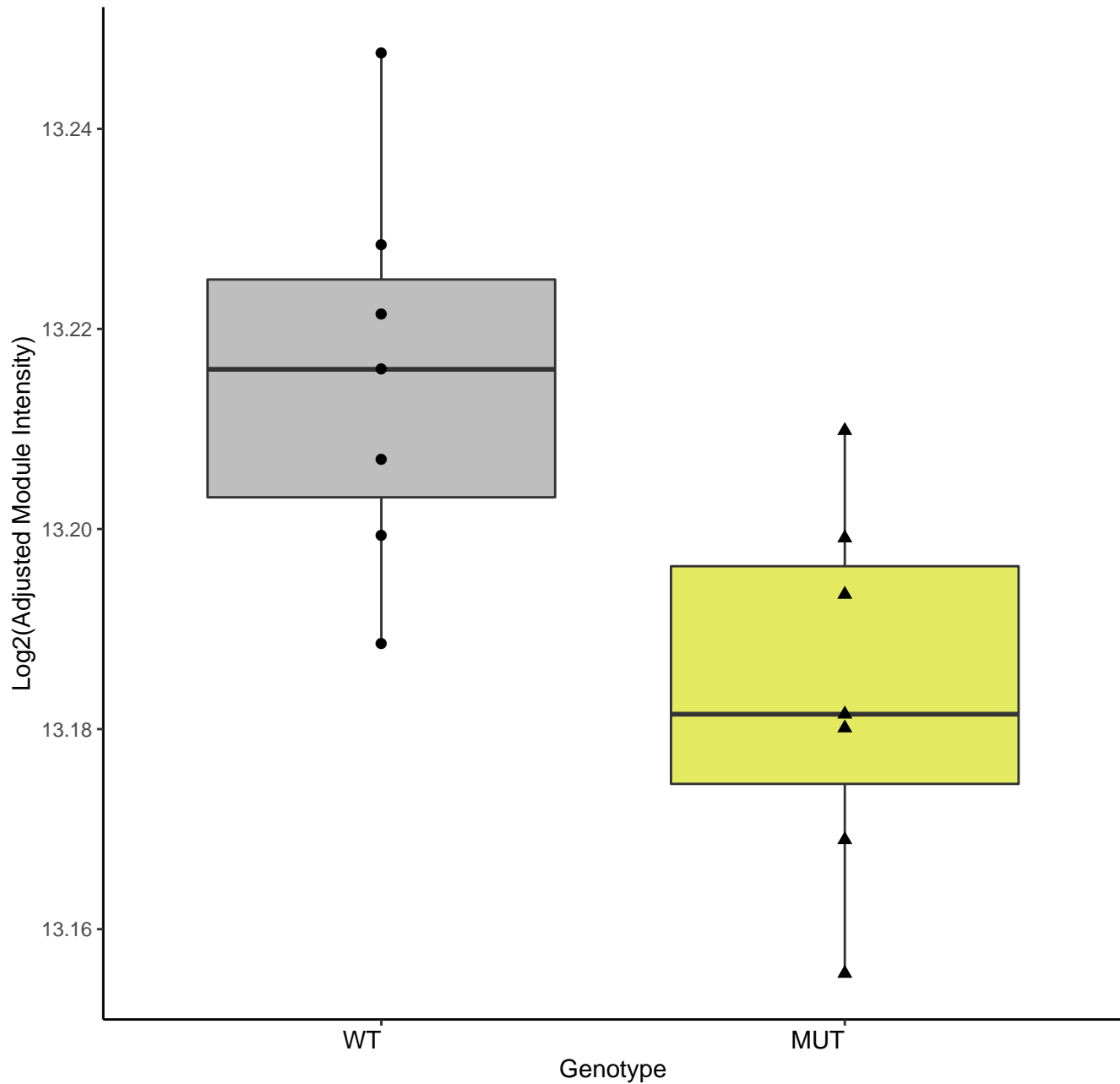
Genotype

MUT

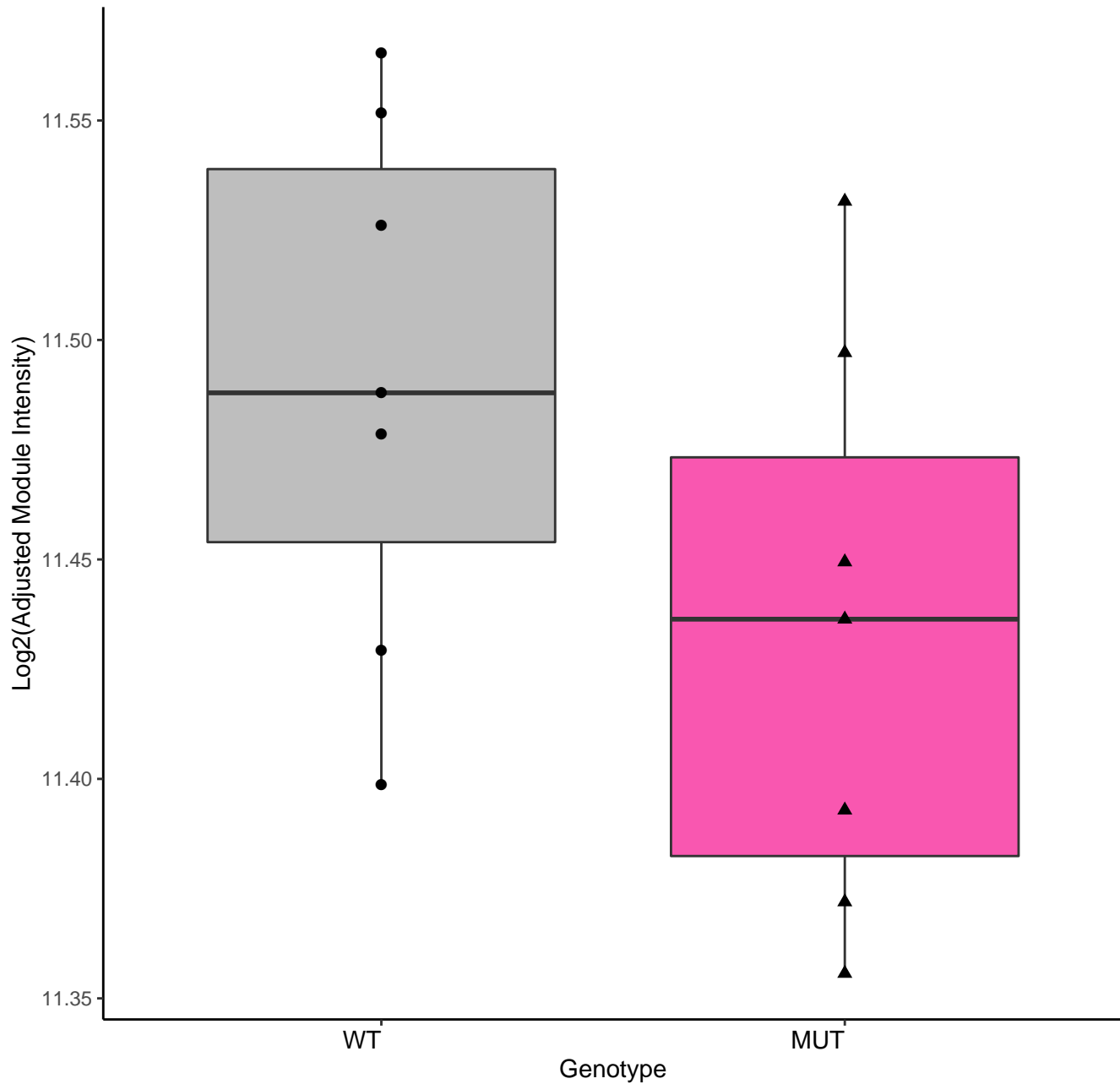




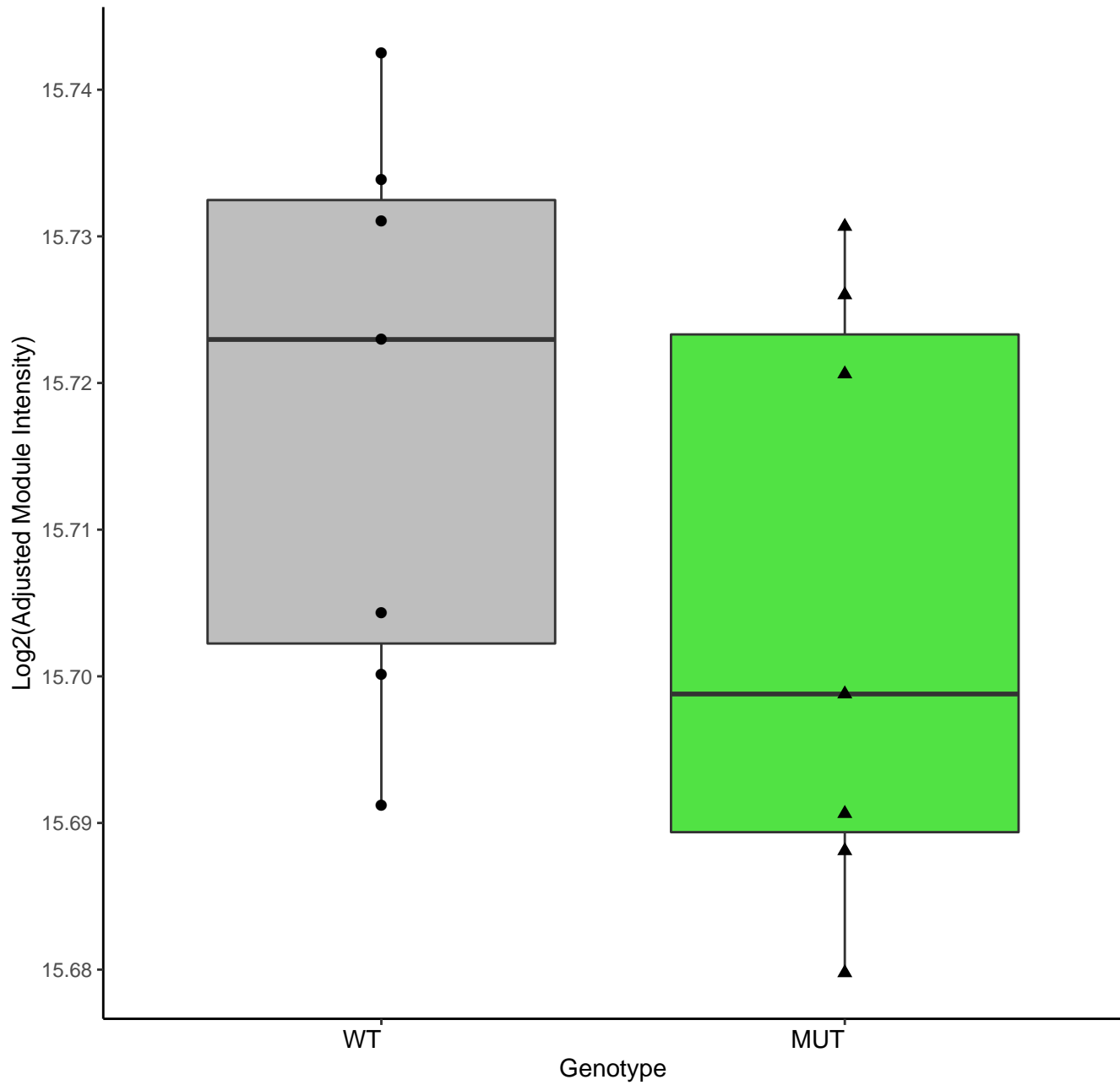
M36



M37



M38



M39

Log2(Adjusted Module Intensity)

14.50

14.48

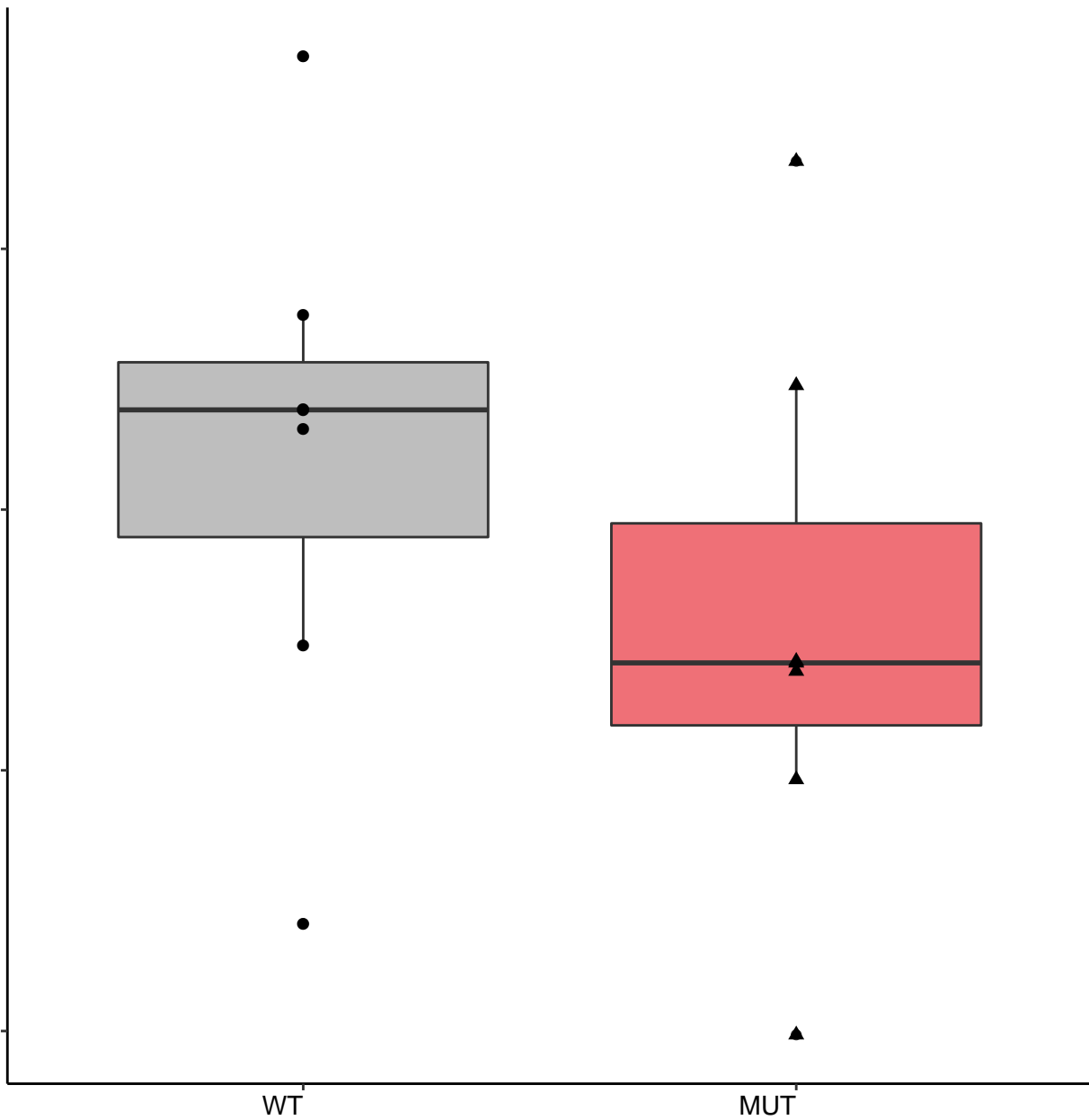
14.46

14.44

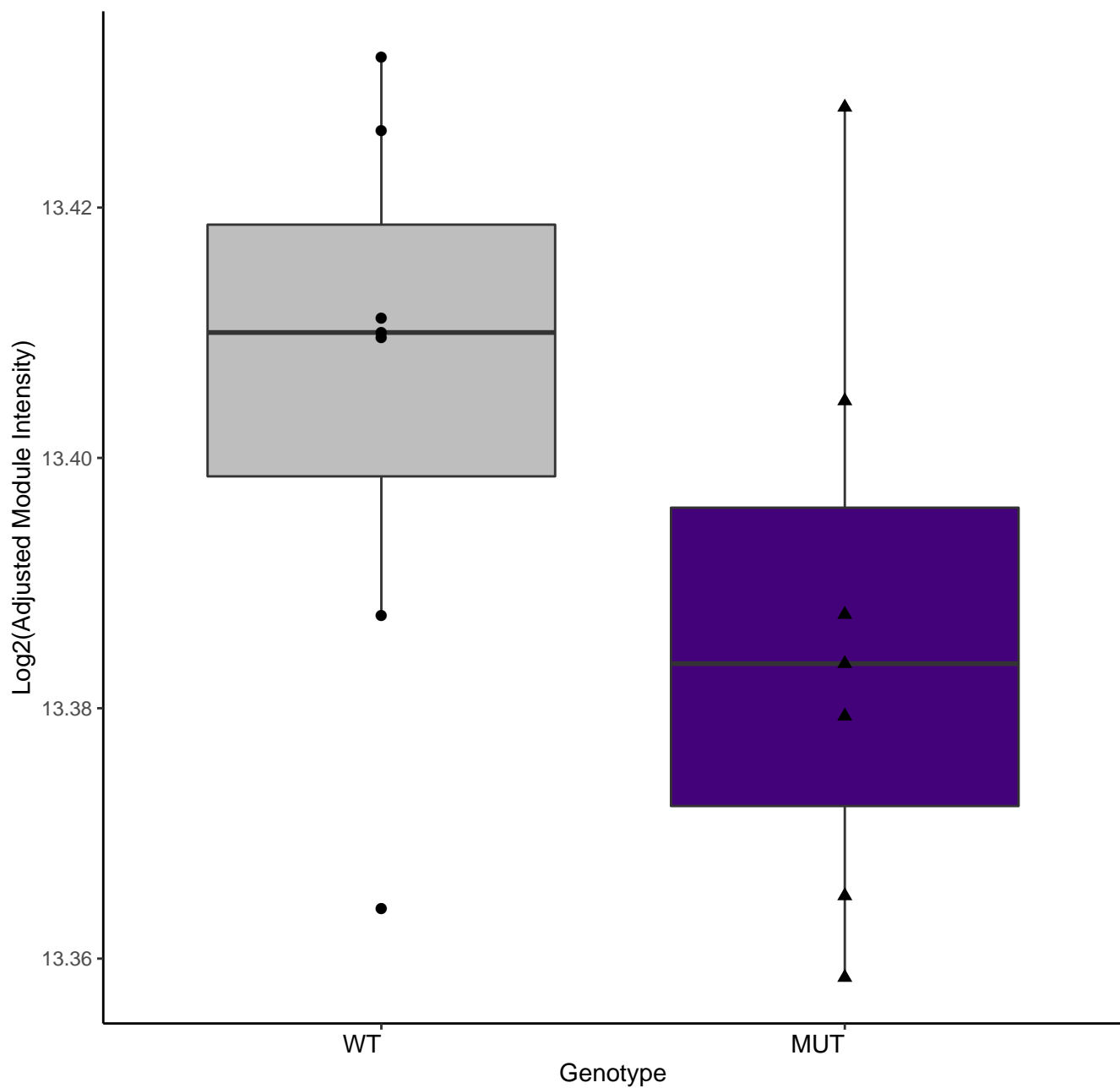
WT

Genotype

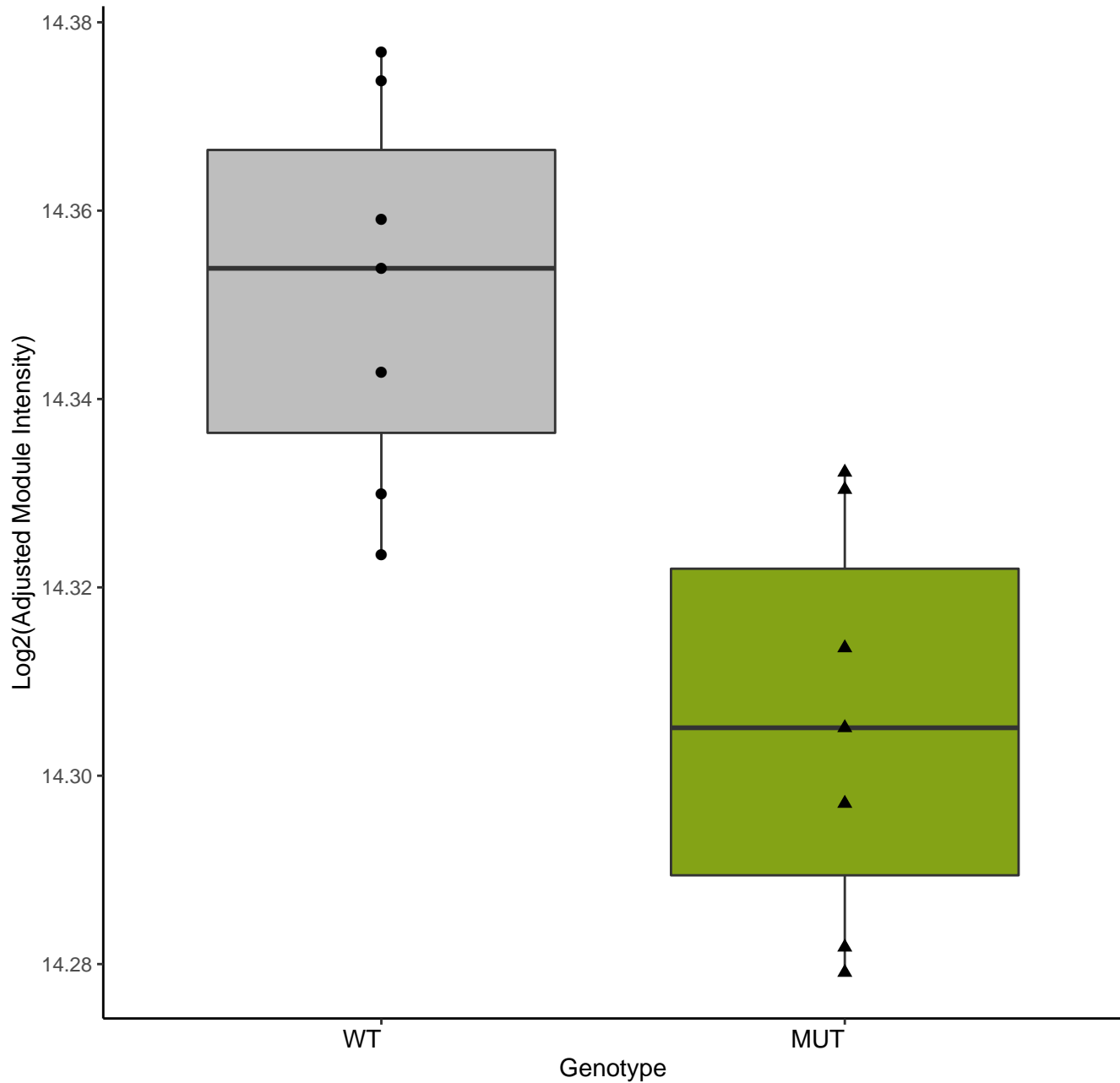
MUT



M40



M41



M42

Log2(Adjusted Module Intensity)

14.45

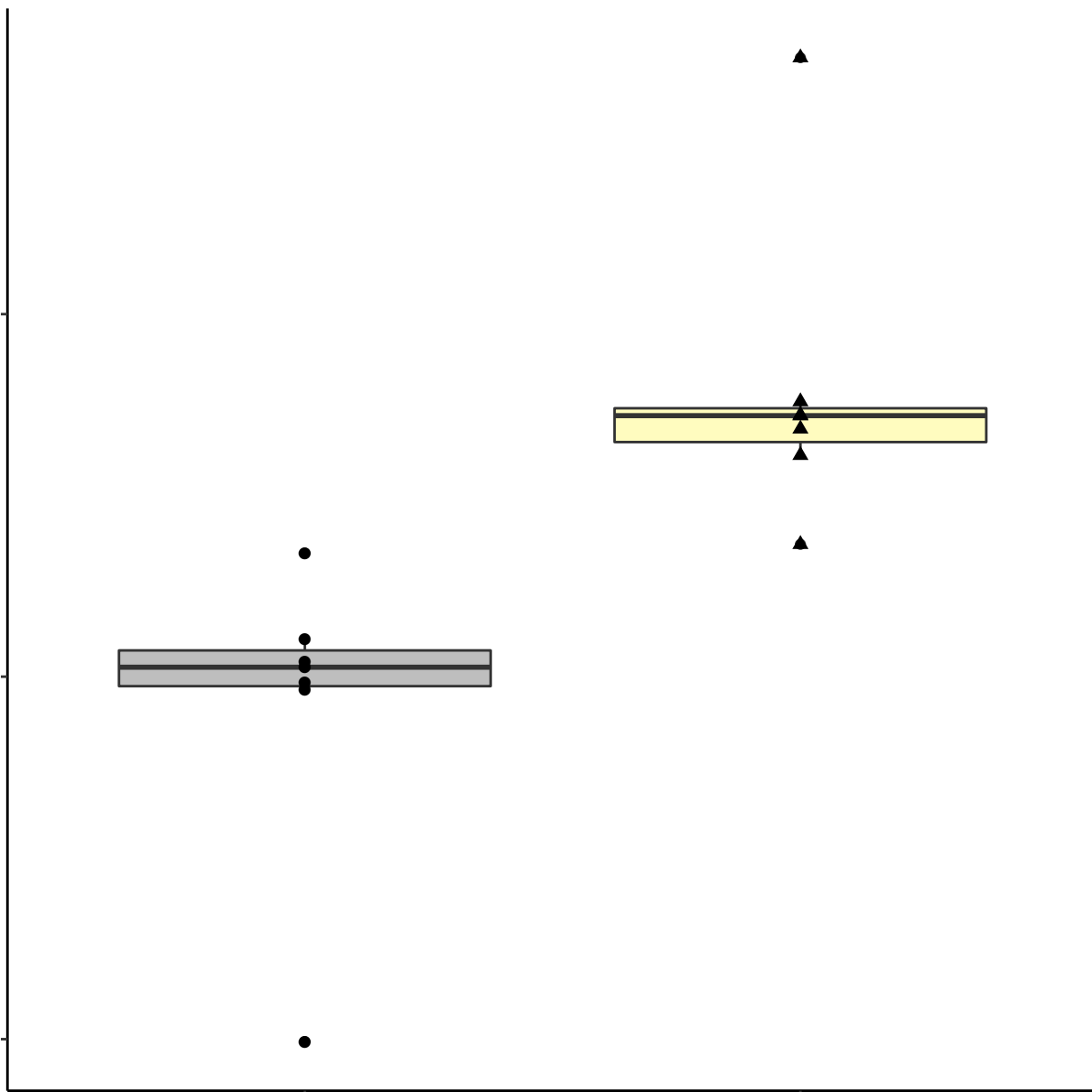
14.40

14.35

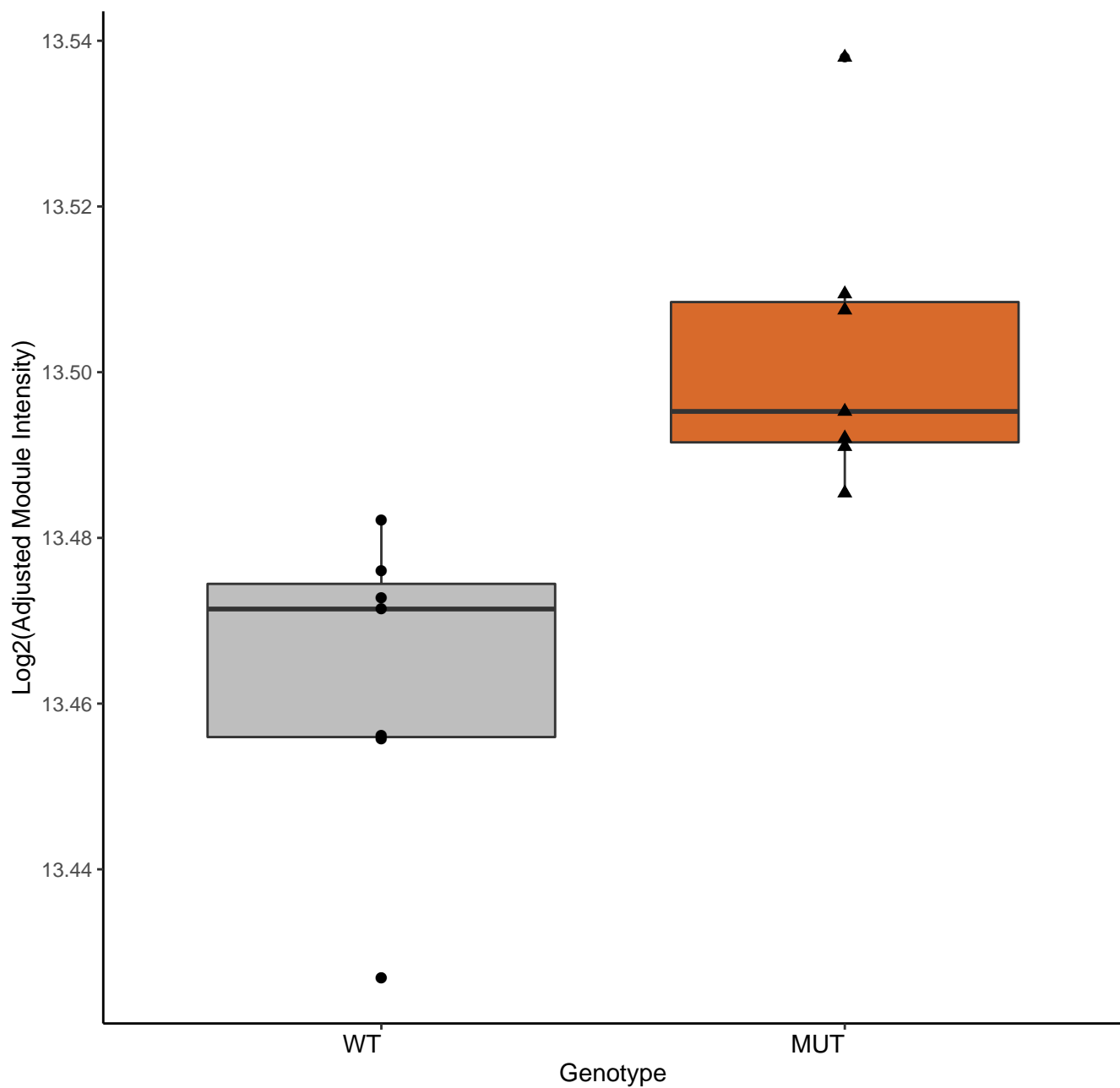
WT

MUT

Genotype



M43



M44

Log2(Adjusted Module Intensity)

13.94

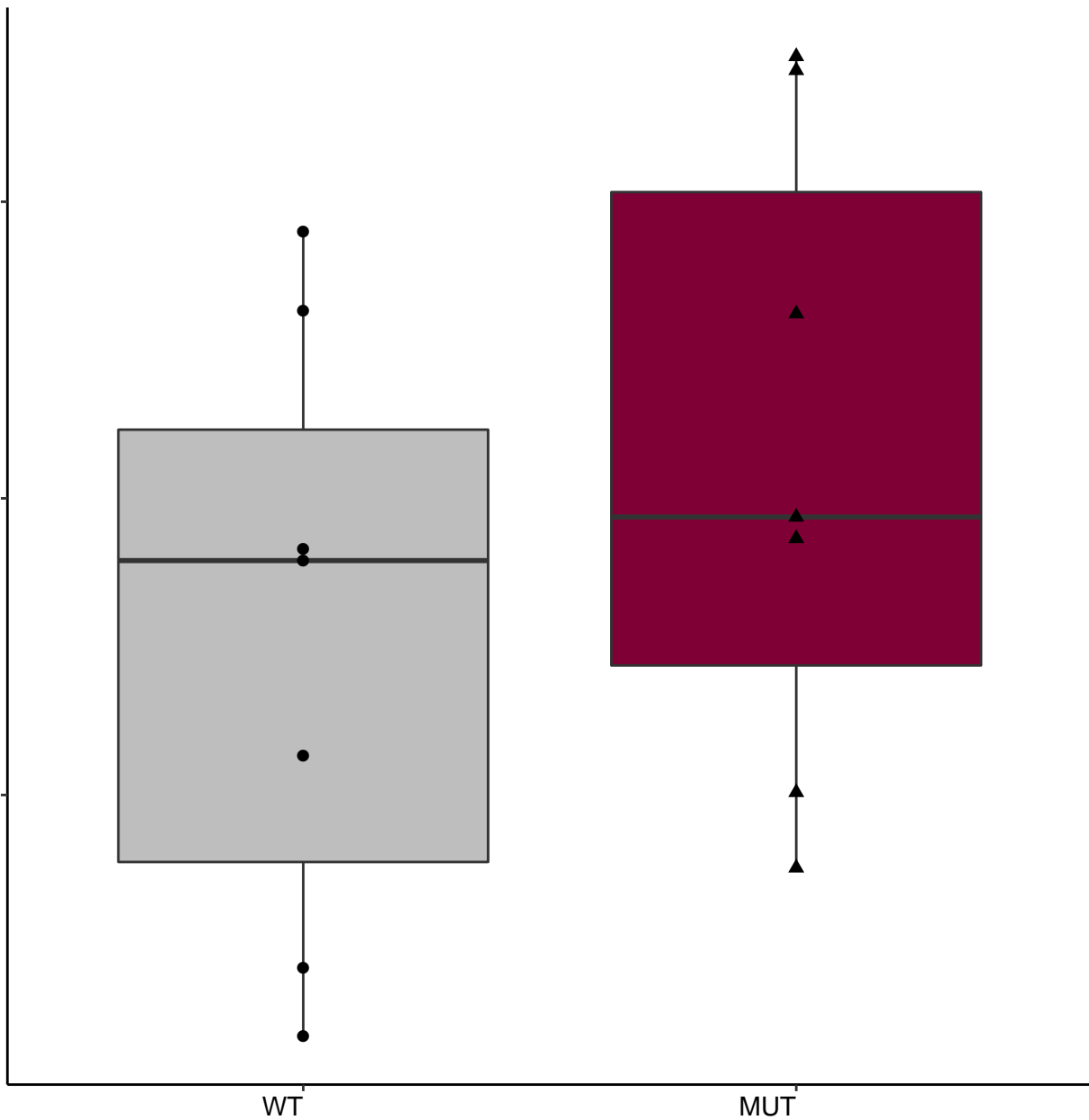
13.92

13.90

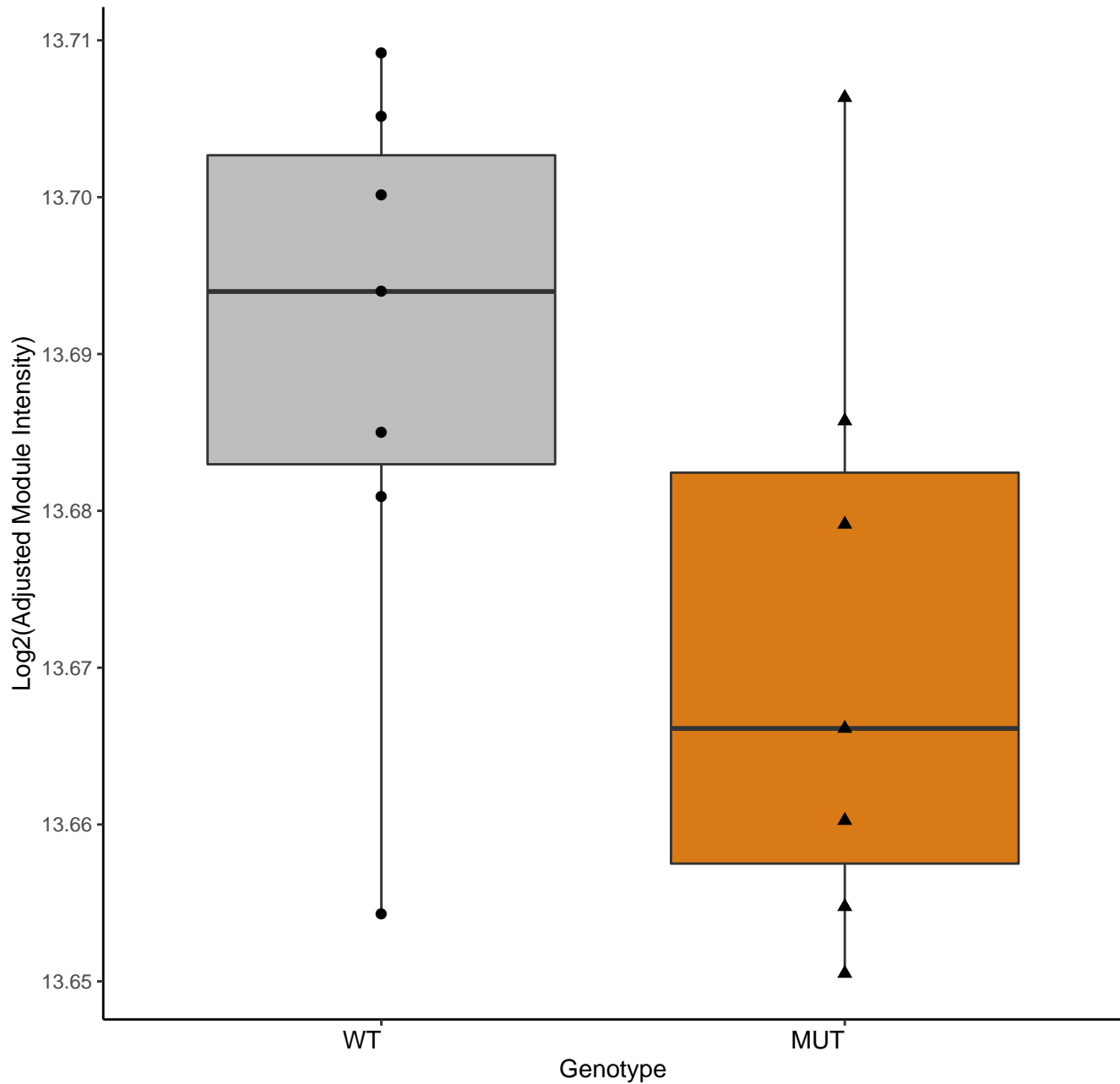
WT

Genotype

MUT



M45



M46

Log2(Adjusted Module Intensity)

12.58

12.56

12.54

12.52

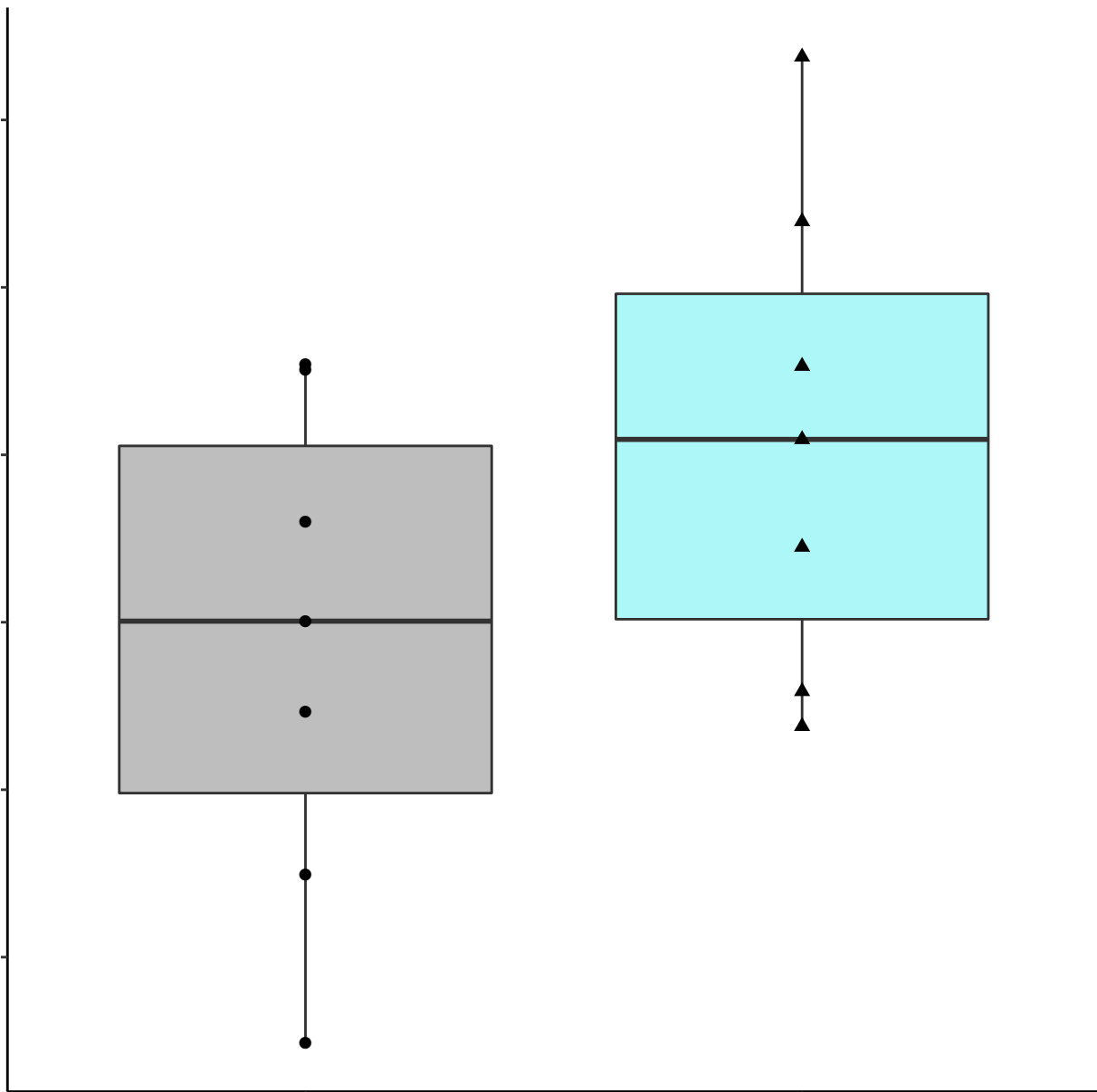
12.50

12.48

WT

MUT

Genotype



M47

Log2(Adjusted Module Intensity)

12.55

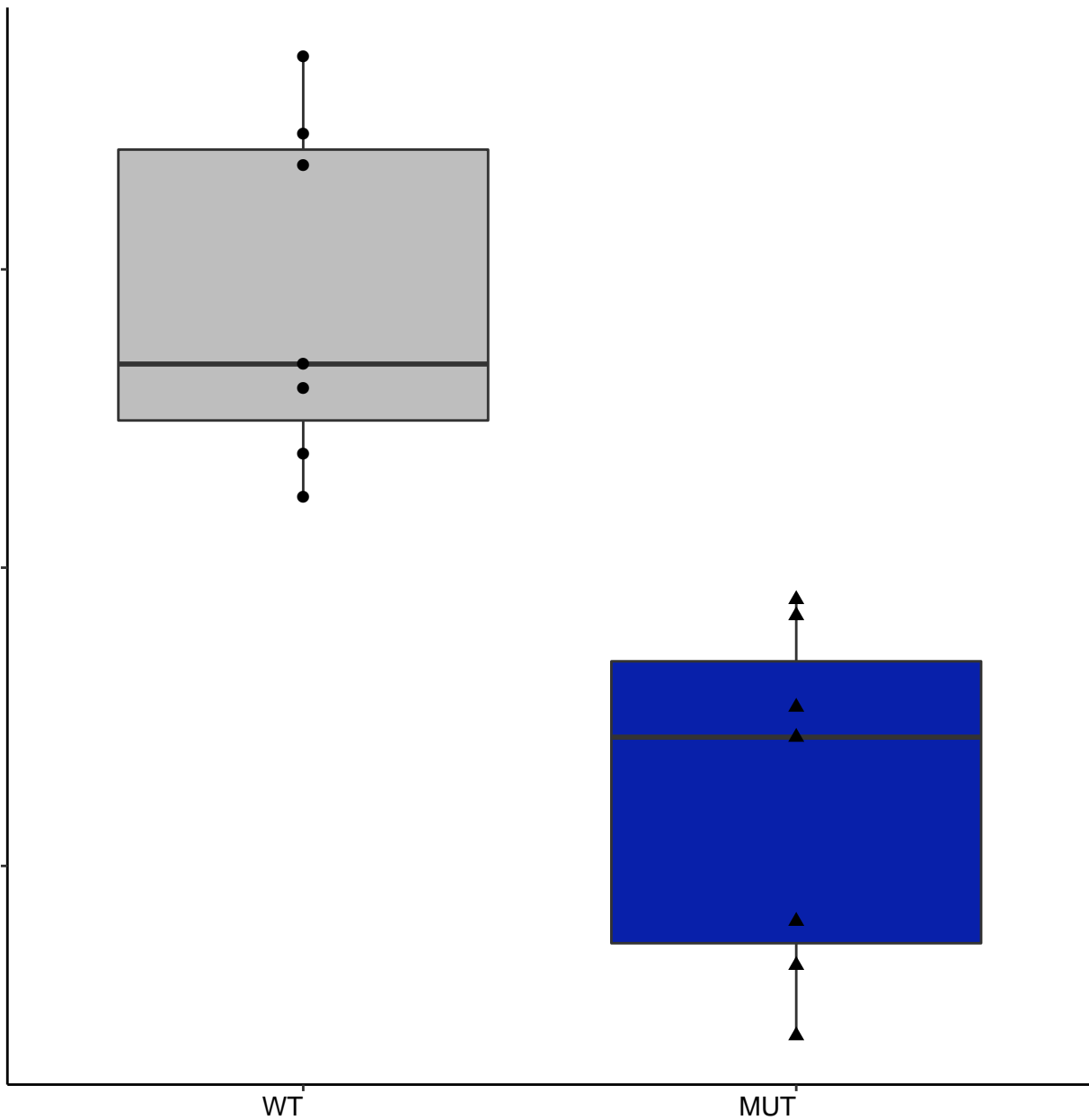
12.50

12.45

WT

Genotype

MUT



M48

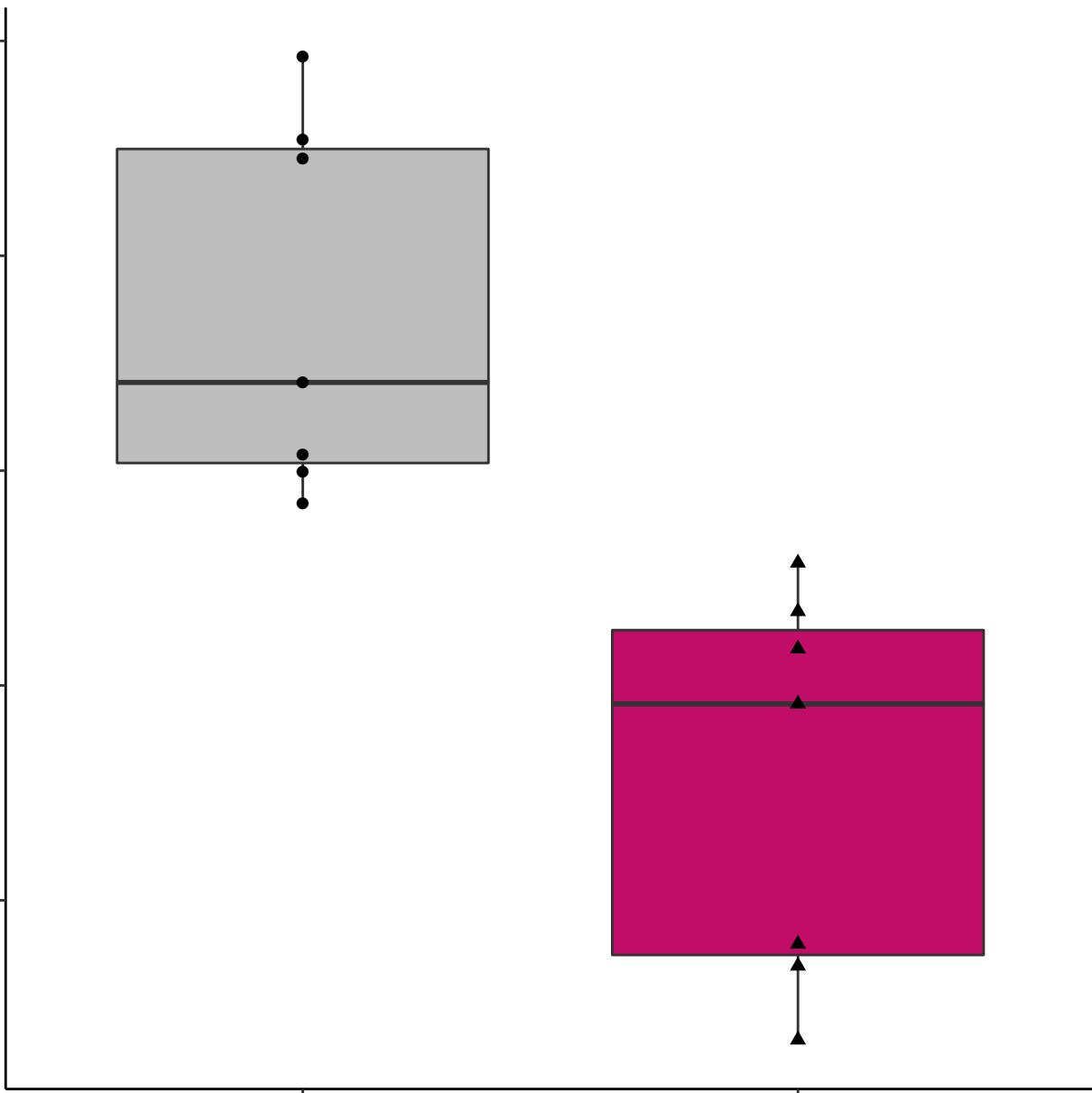
Log2(Adjusted Module Intensity)

12.40
12.38
12.36
12.34
12.32

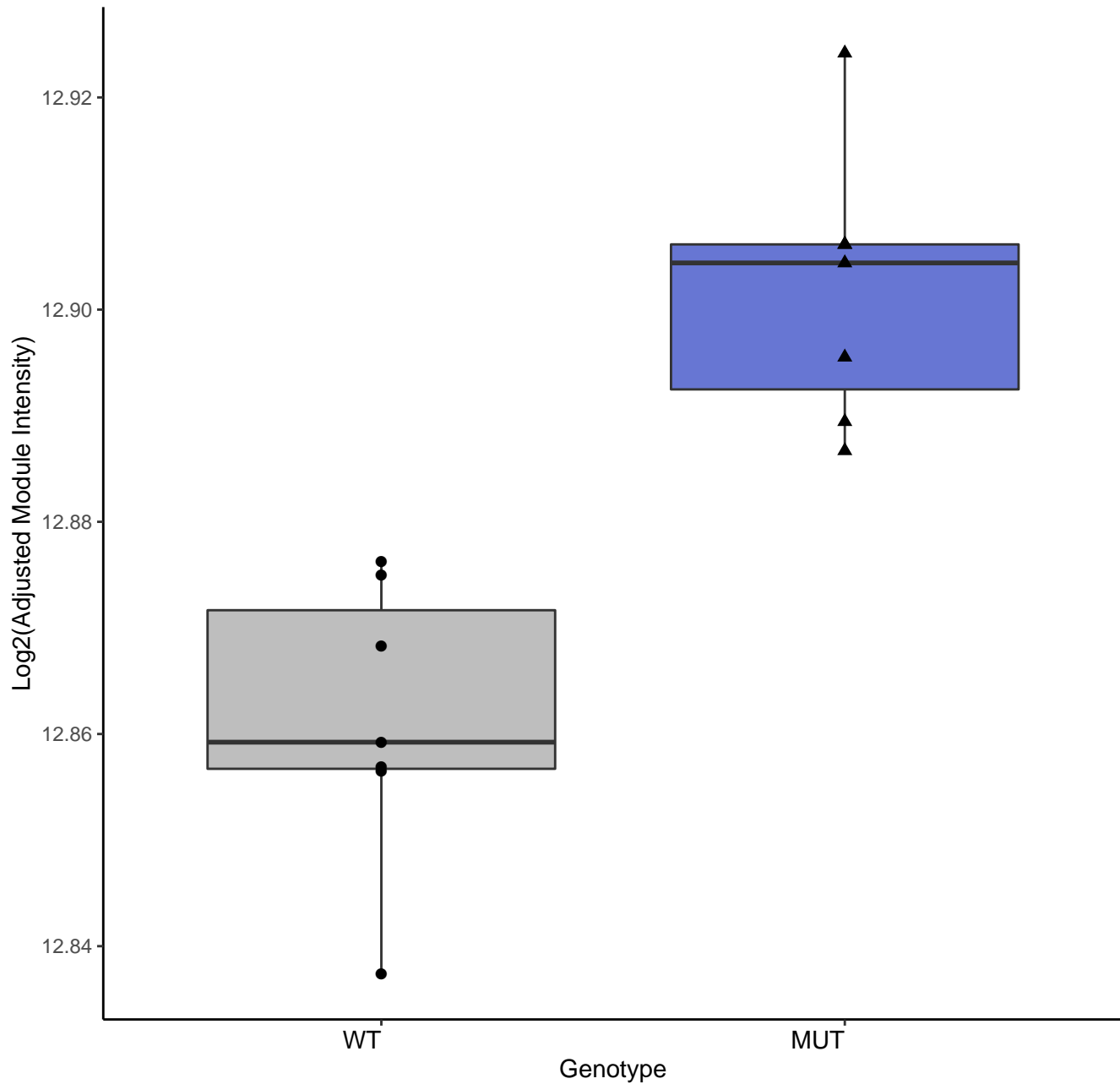
WT

Genotype

MUT

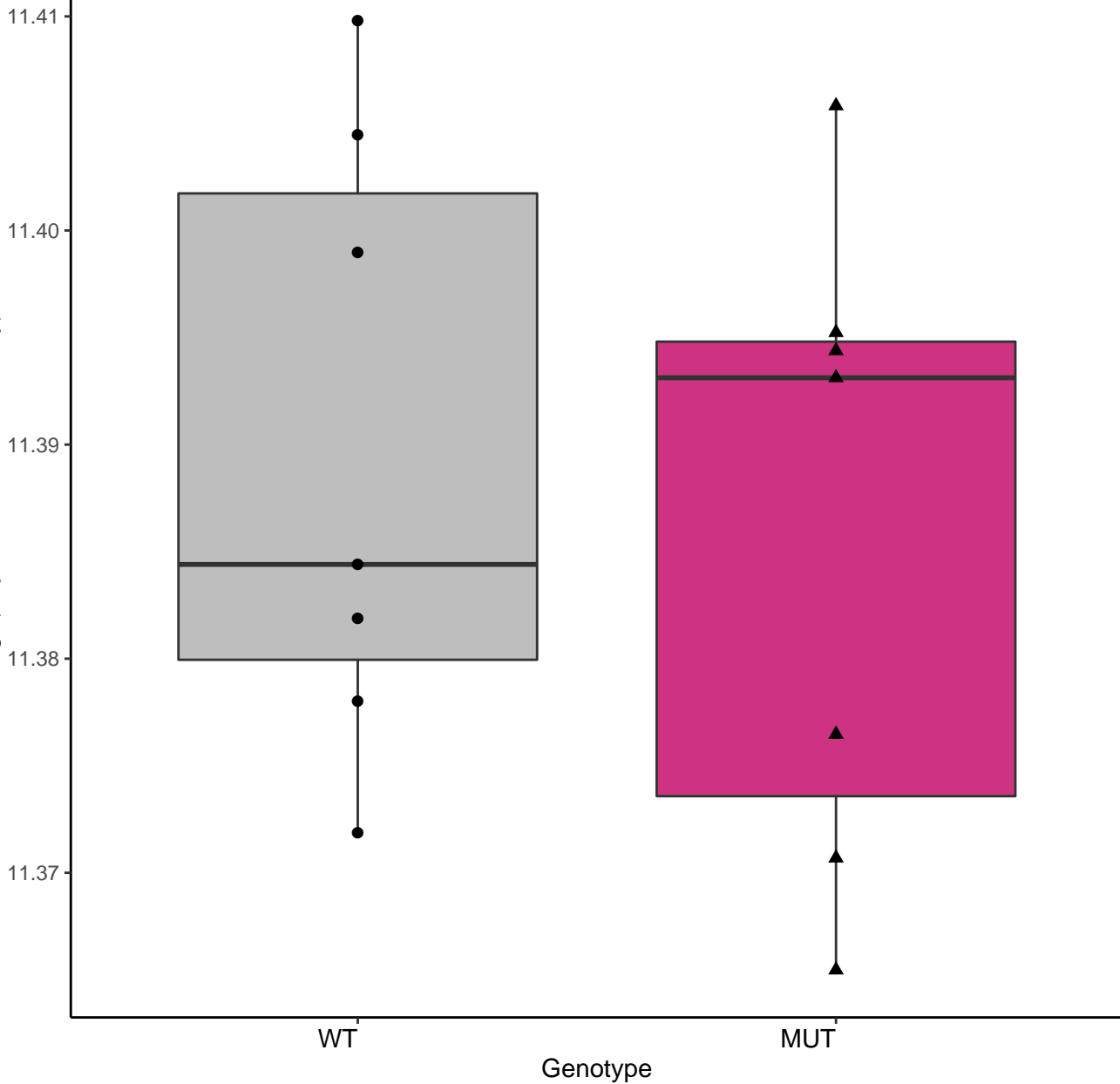


M49

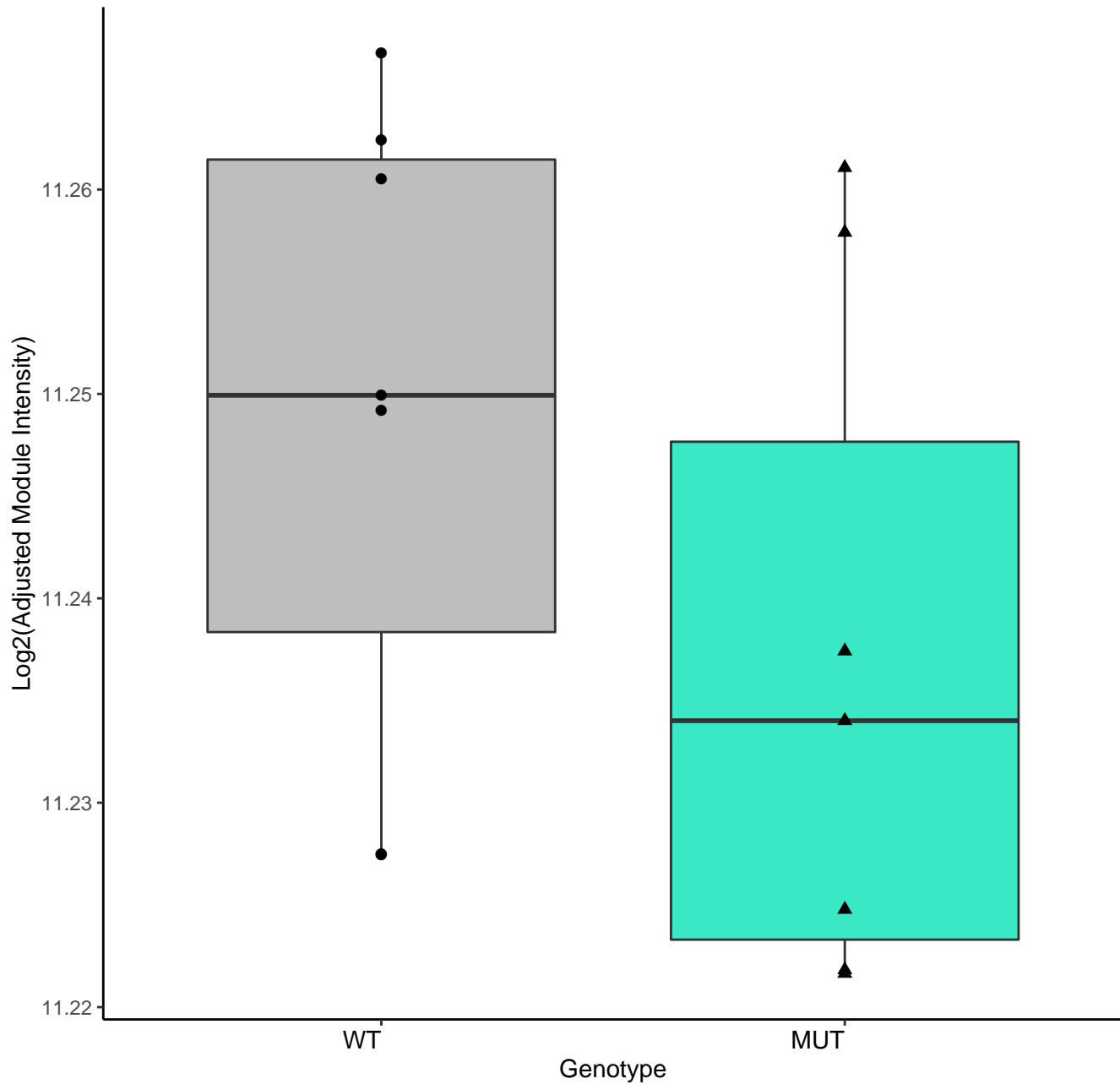


M50

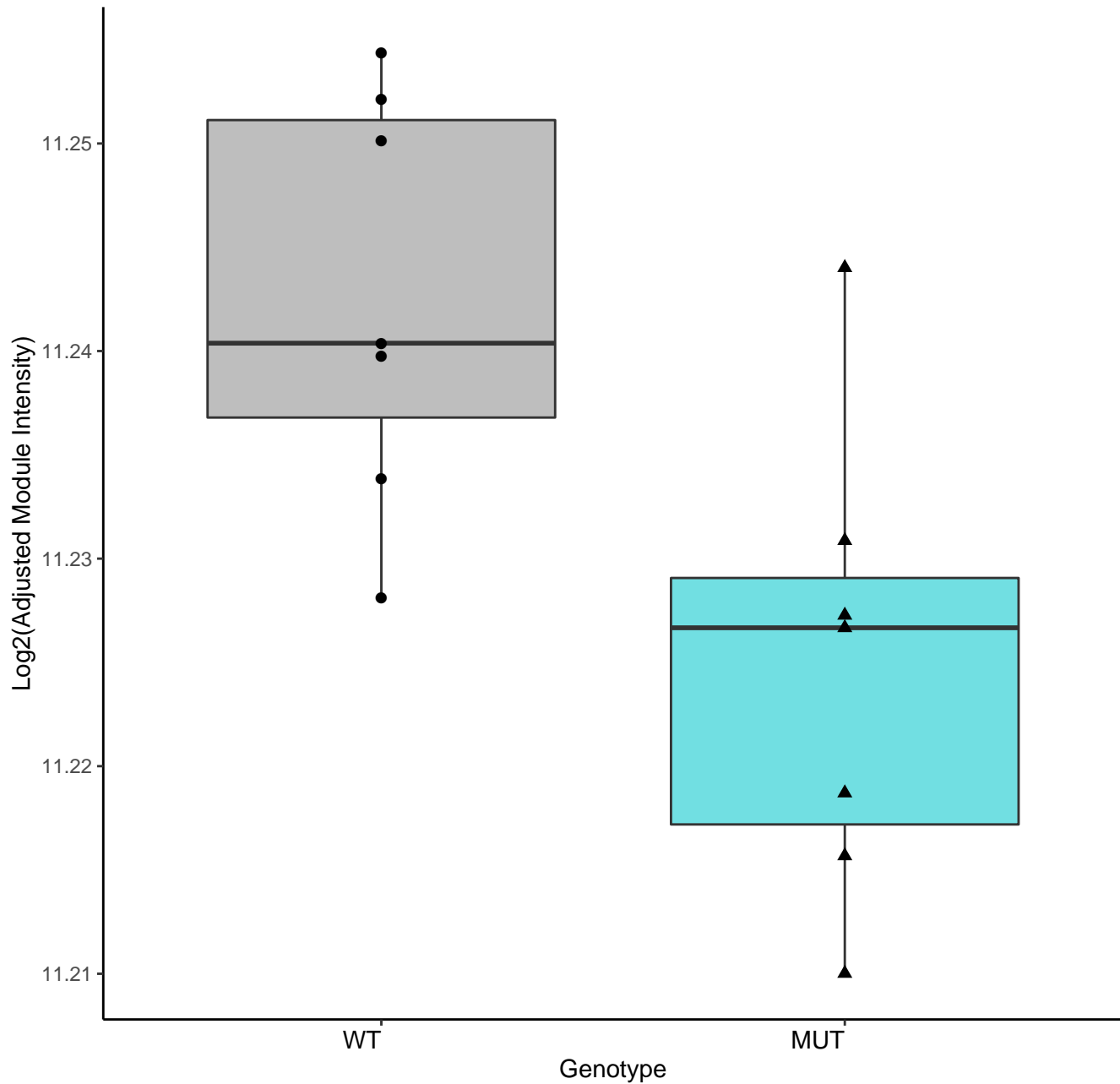
Log2(Adjusted Module Intensity)



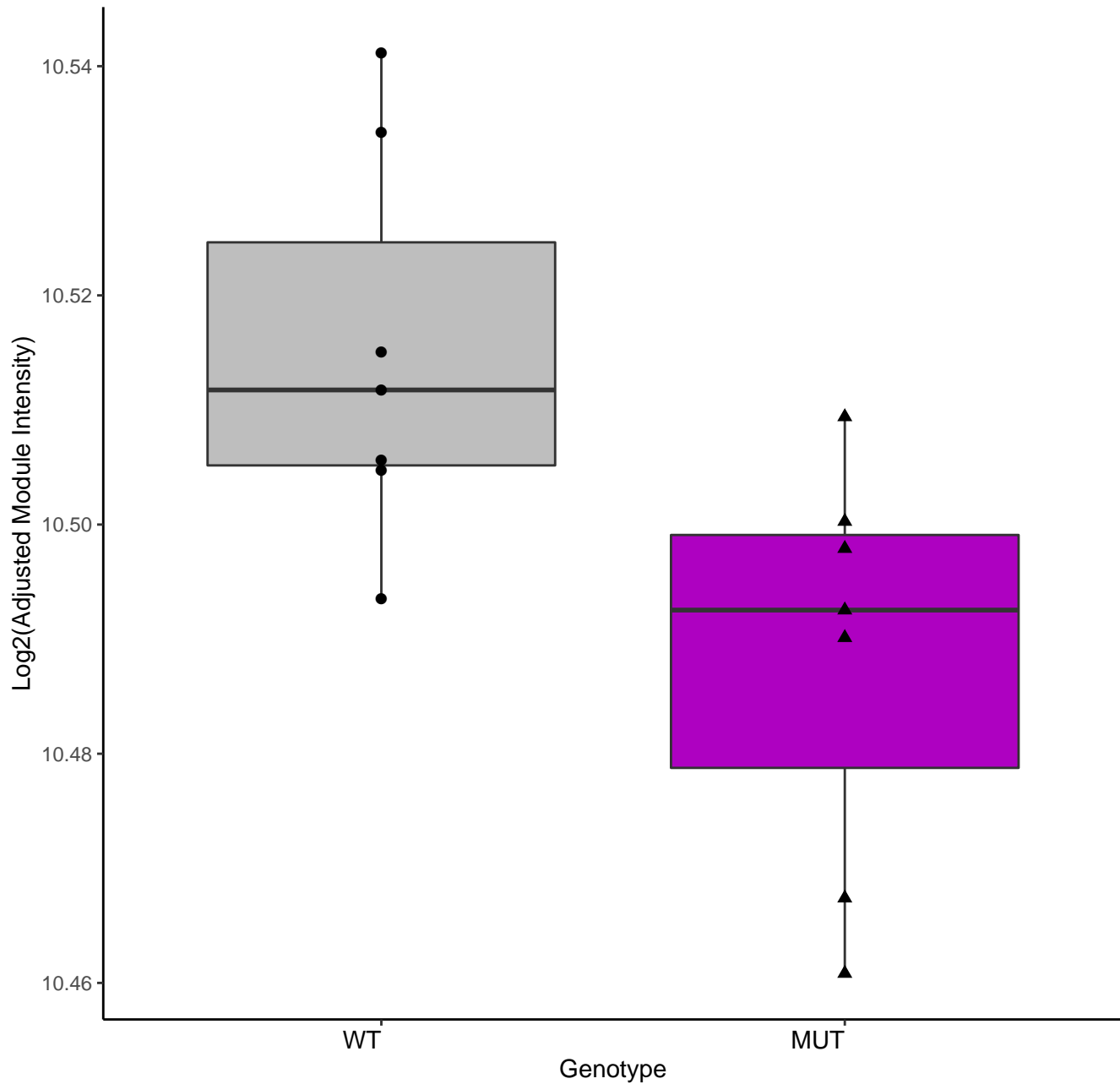
M51



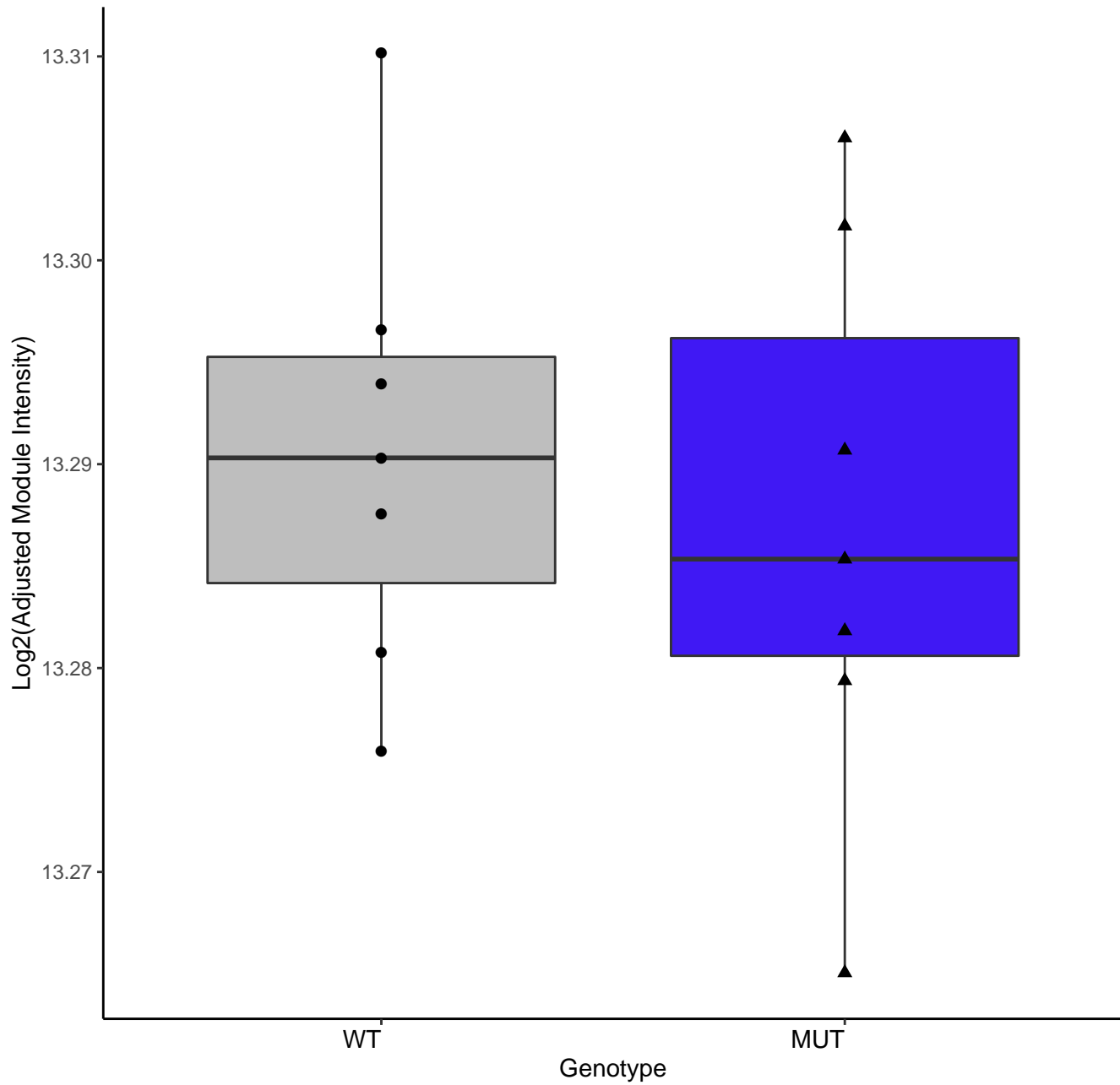
M52



M53



M54



M55

Log2(Adjusted Module Intensity)

13.78

13.77

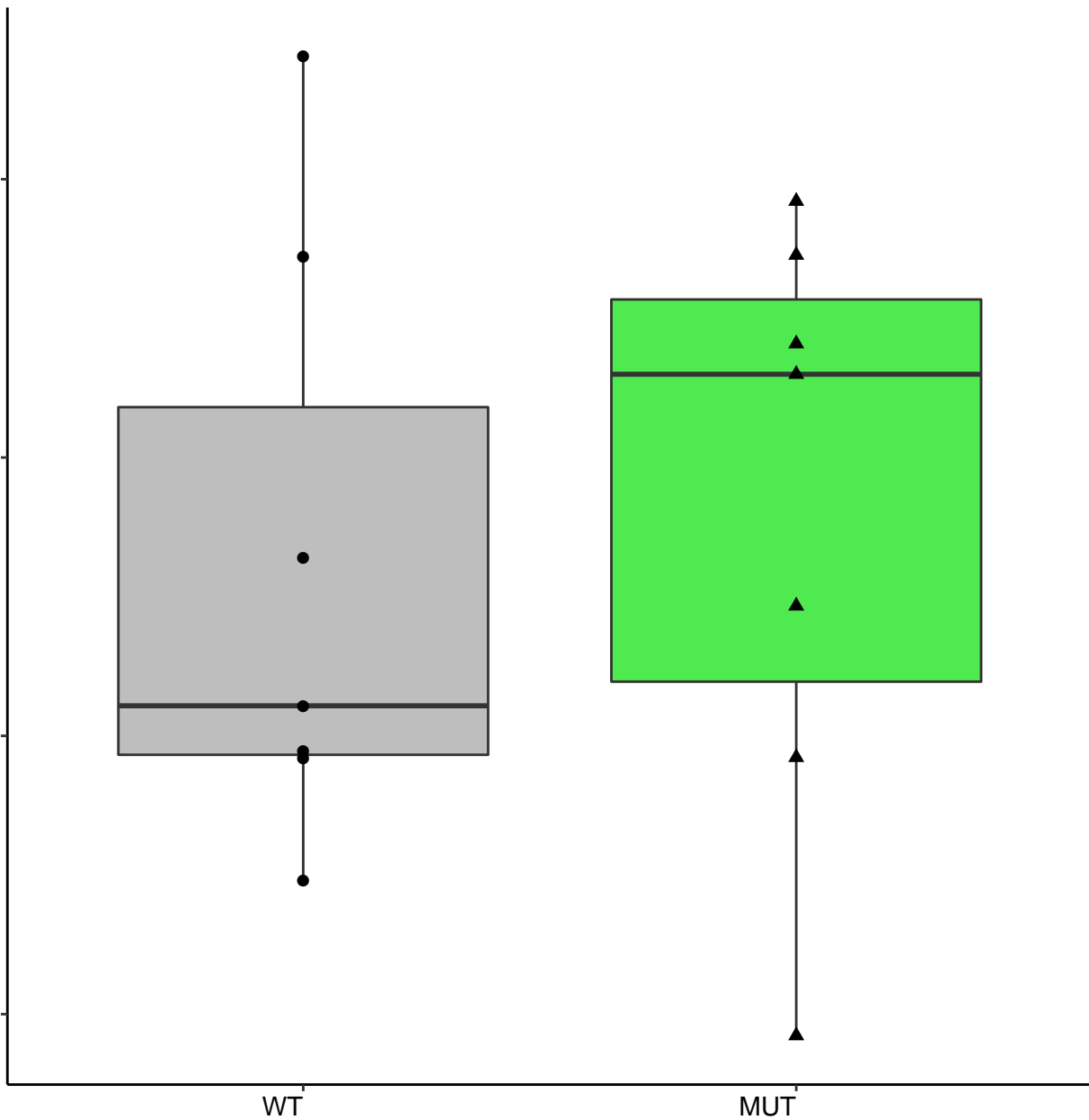
13.76

13.75

WT

Genotype

MUT



M56

Log2(Adjusted Module Intensity)

12.970

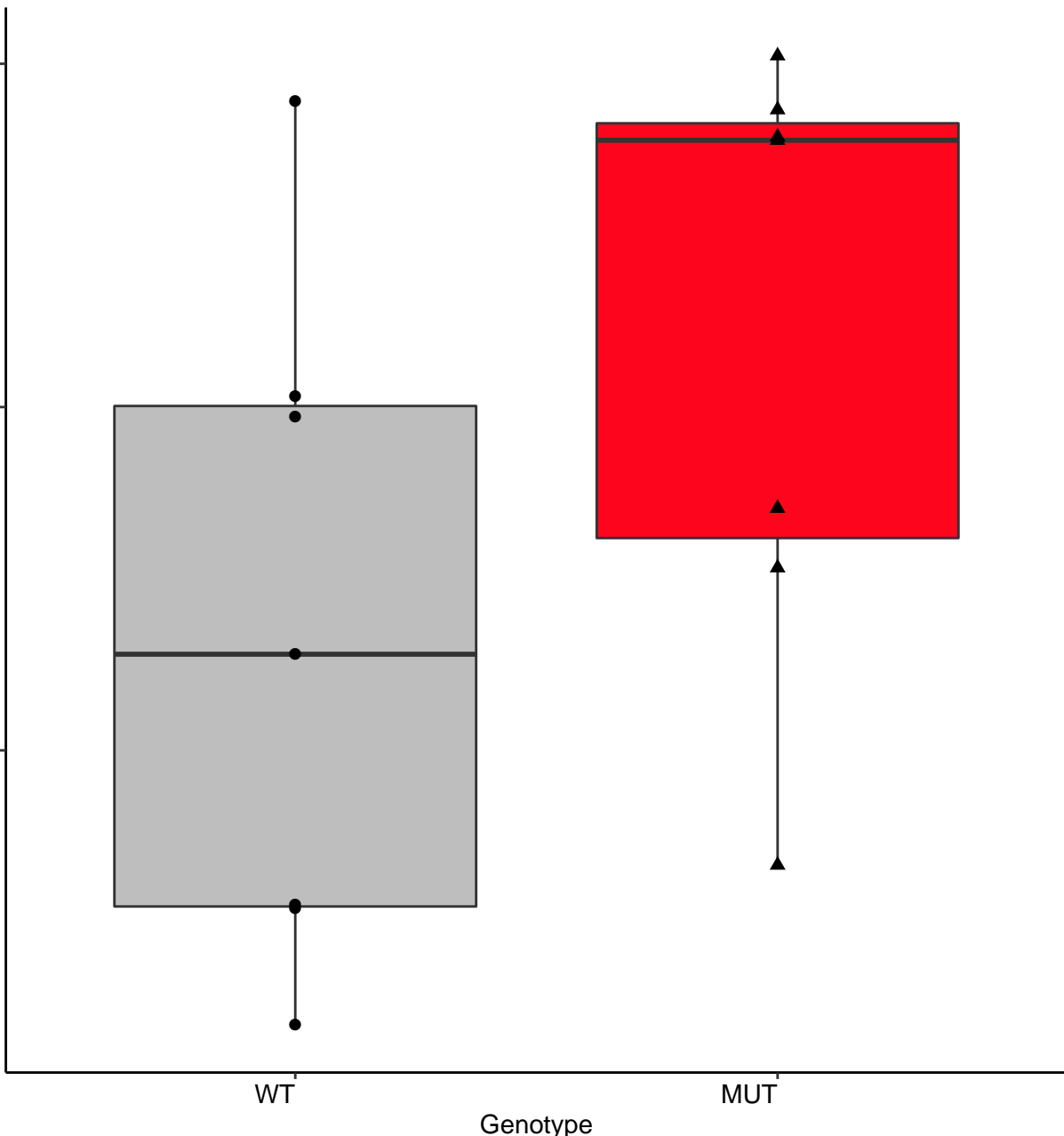
12.965

12.960

WT

Genotype

MUT



M57

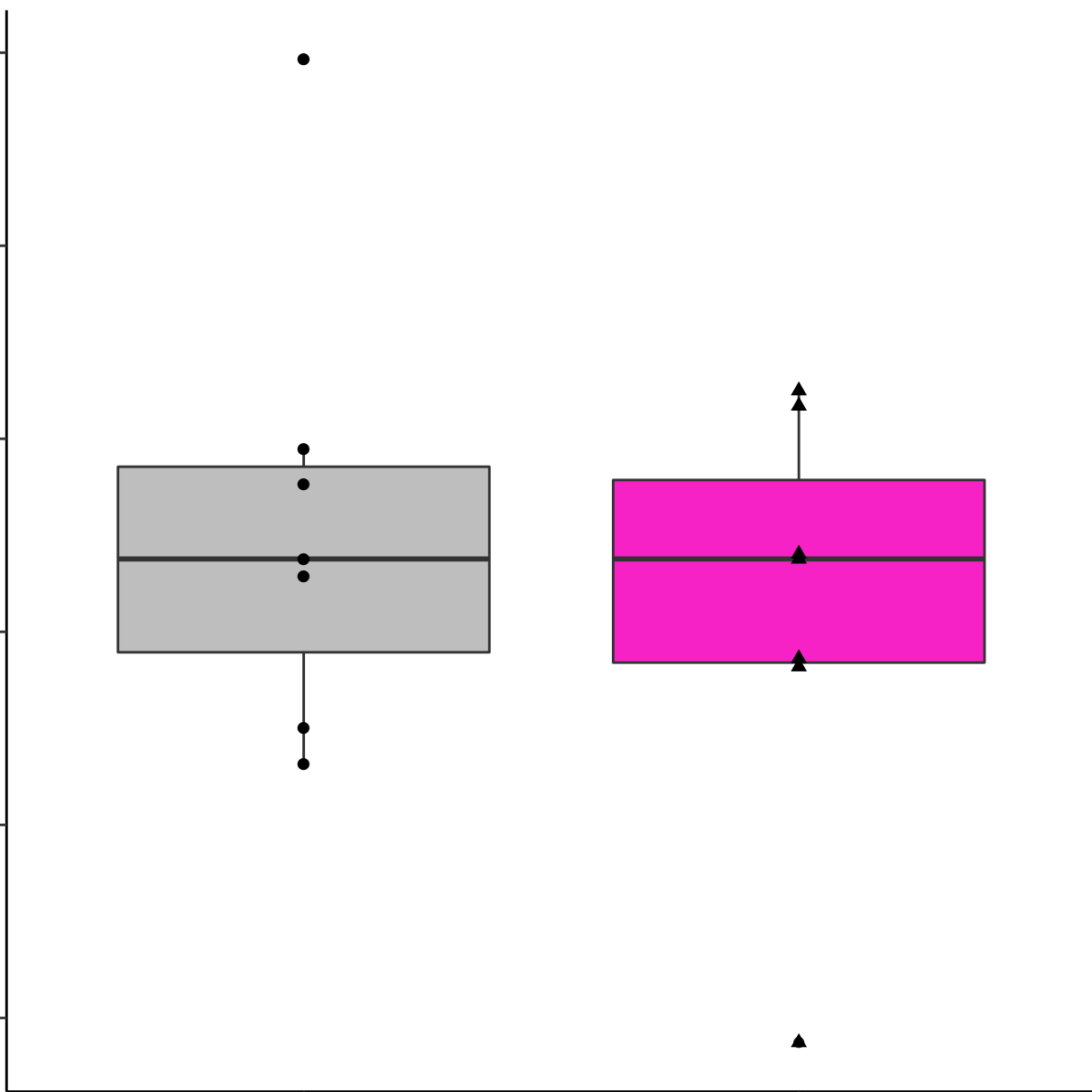
Log2(Adjusted Module Intensity)

14.47
14.46
14.45
14.44
14.43
14.42

WT

Genotype

MUT



M58

Log2(Adjusted Module Intensity)

12.98

12.97

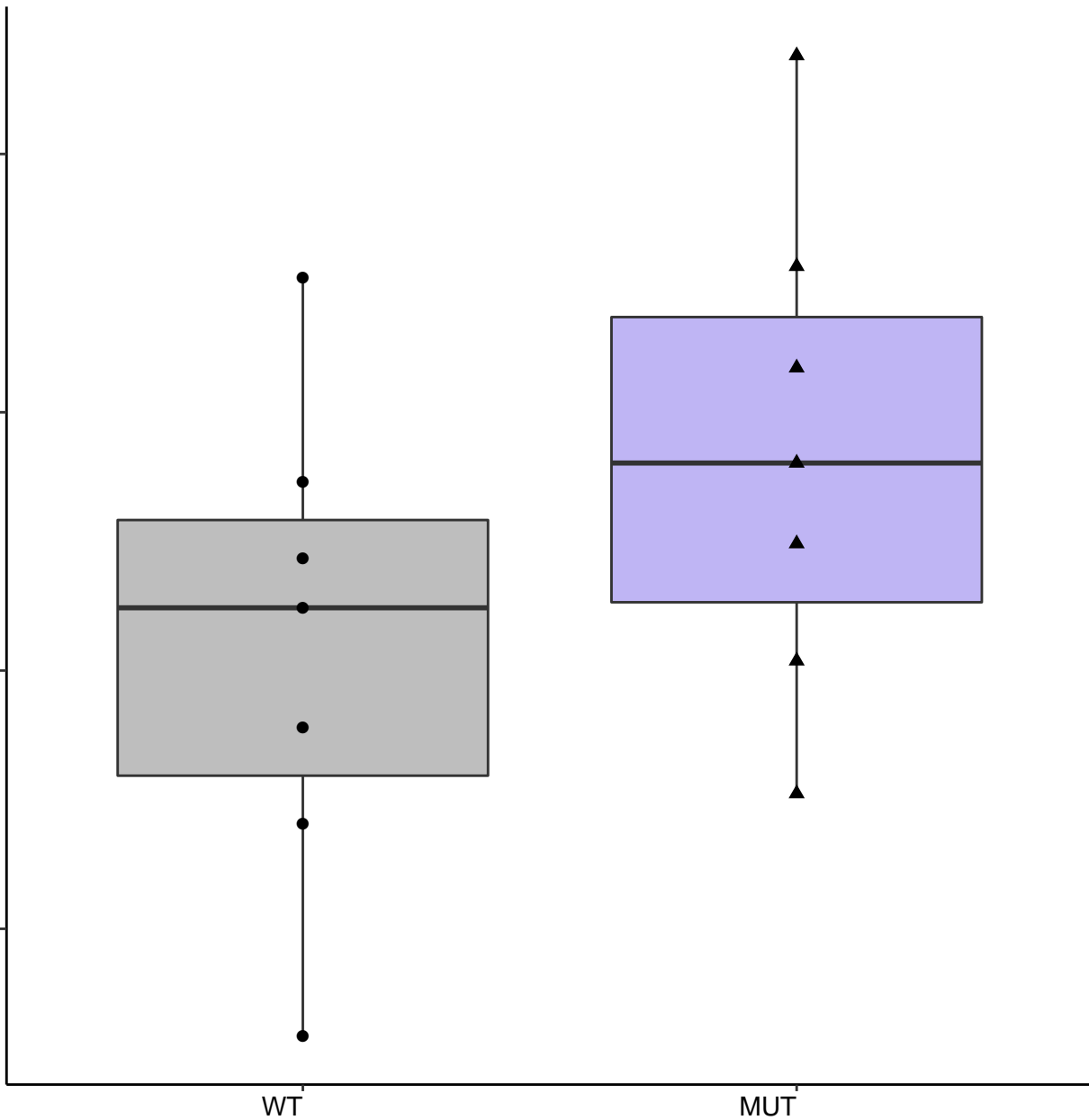
12.96

12.95

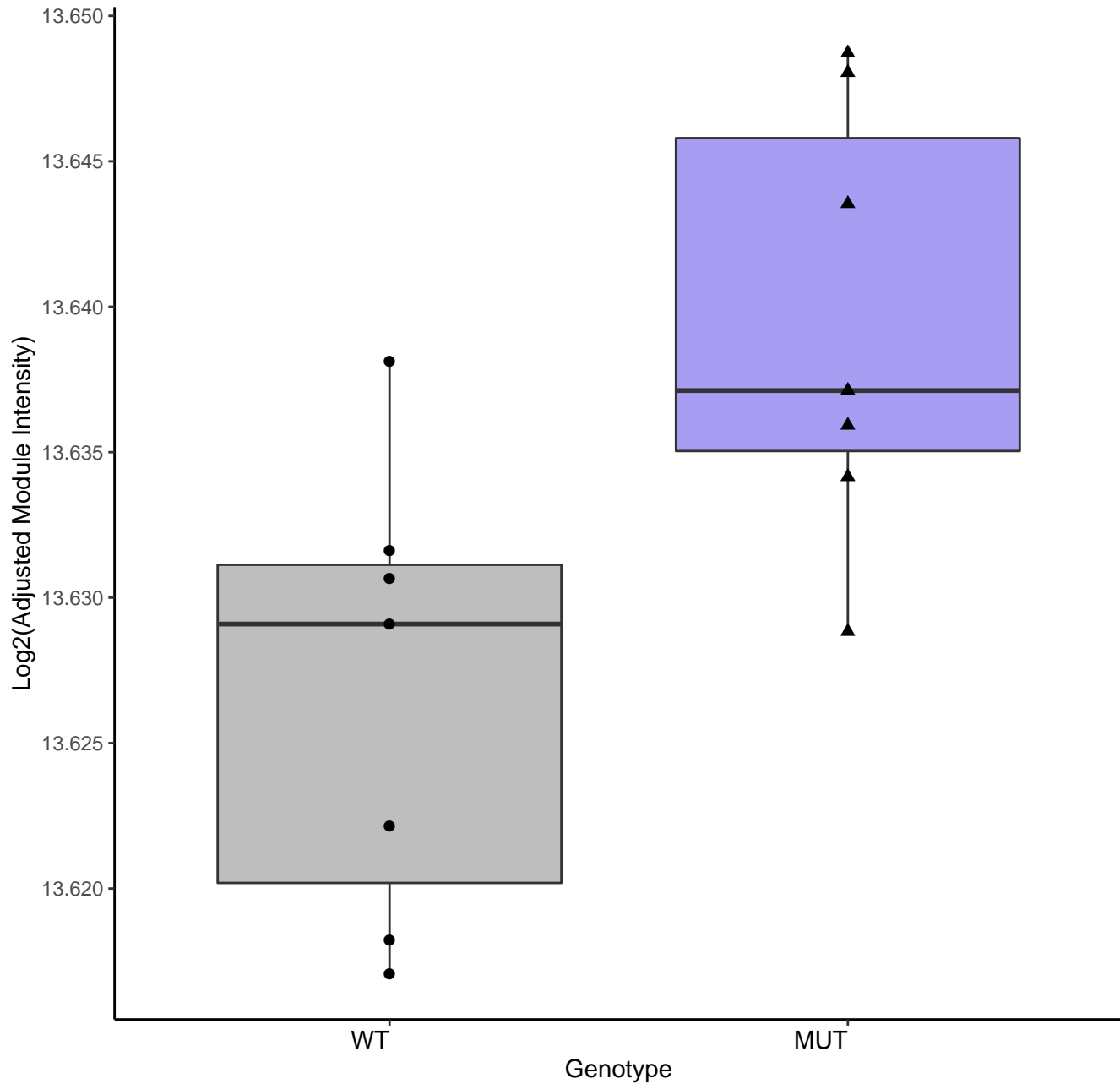
WT

Genotype

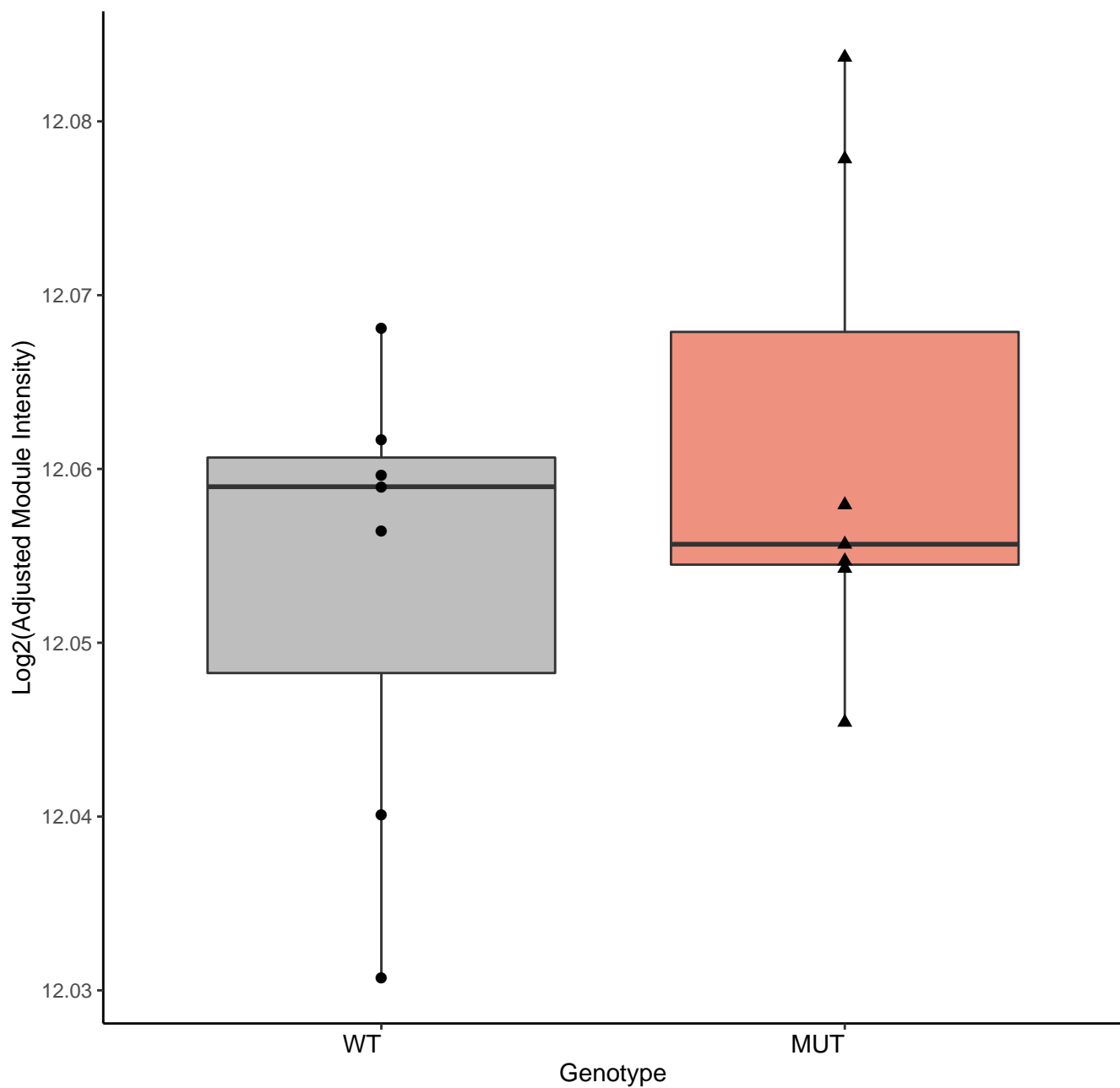
MUT



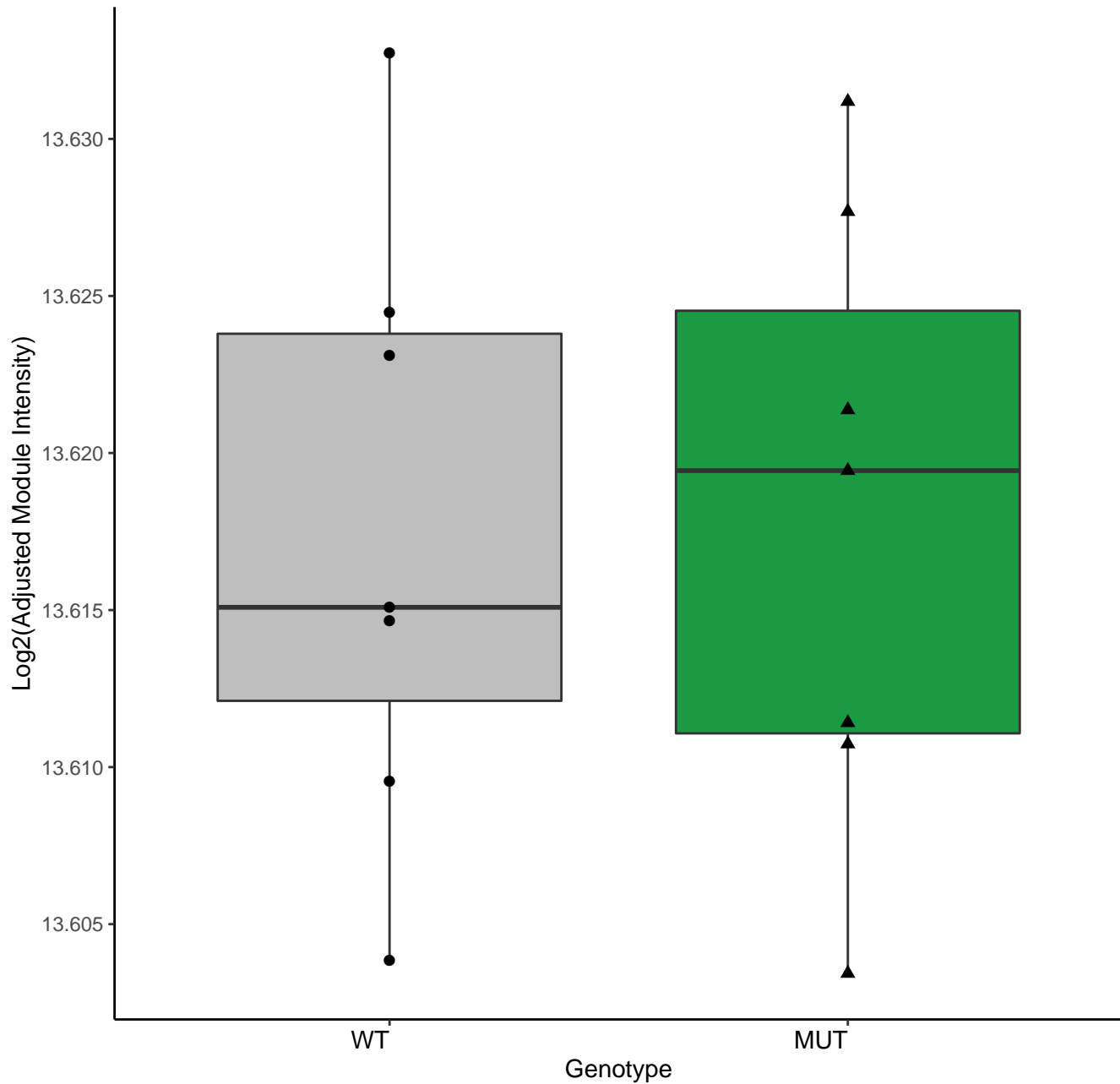
M59



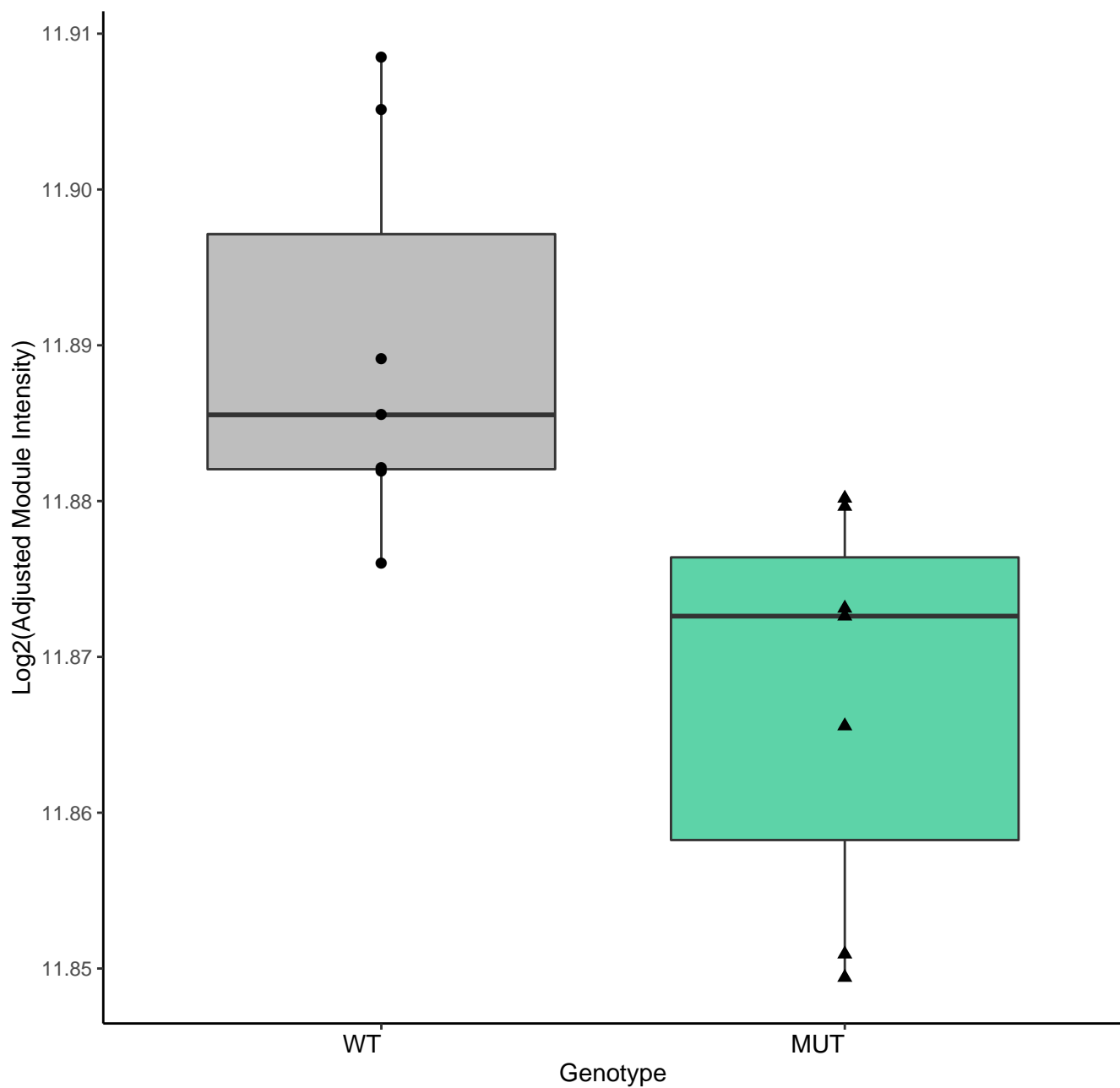
M60



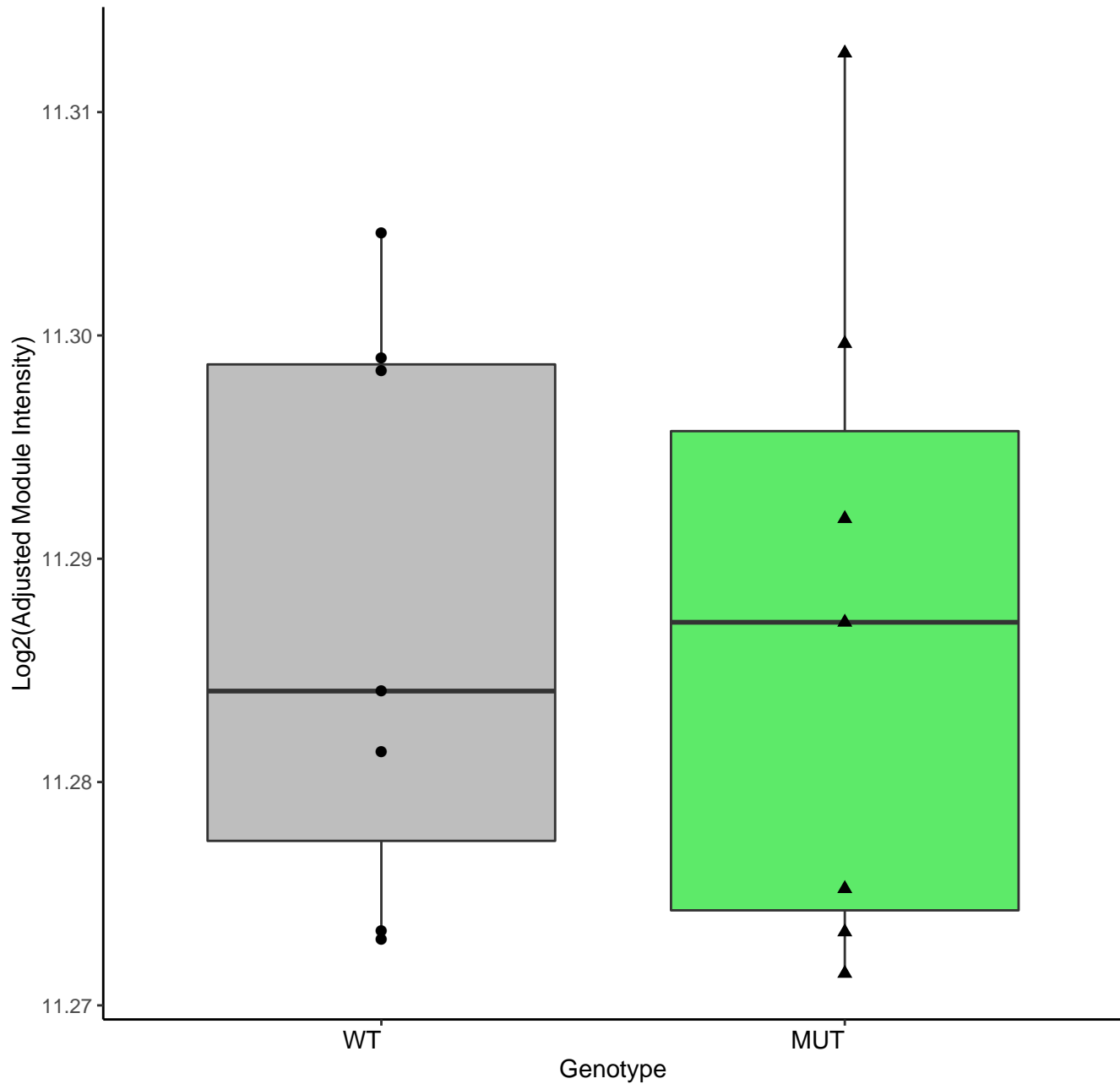
M61



M62



M63



M64

Log2(Adjusted Module Intensity)

13.17

13.16

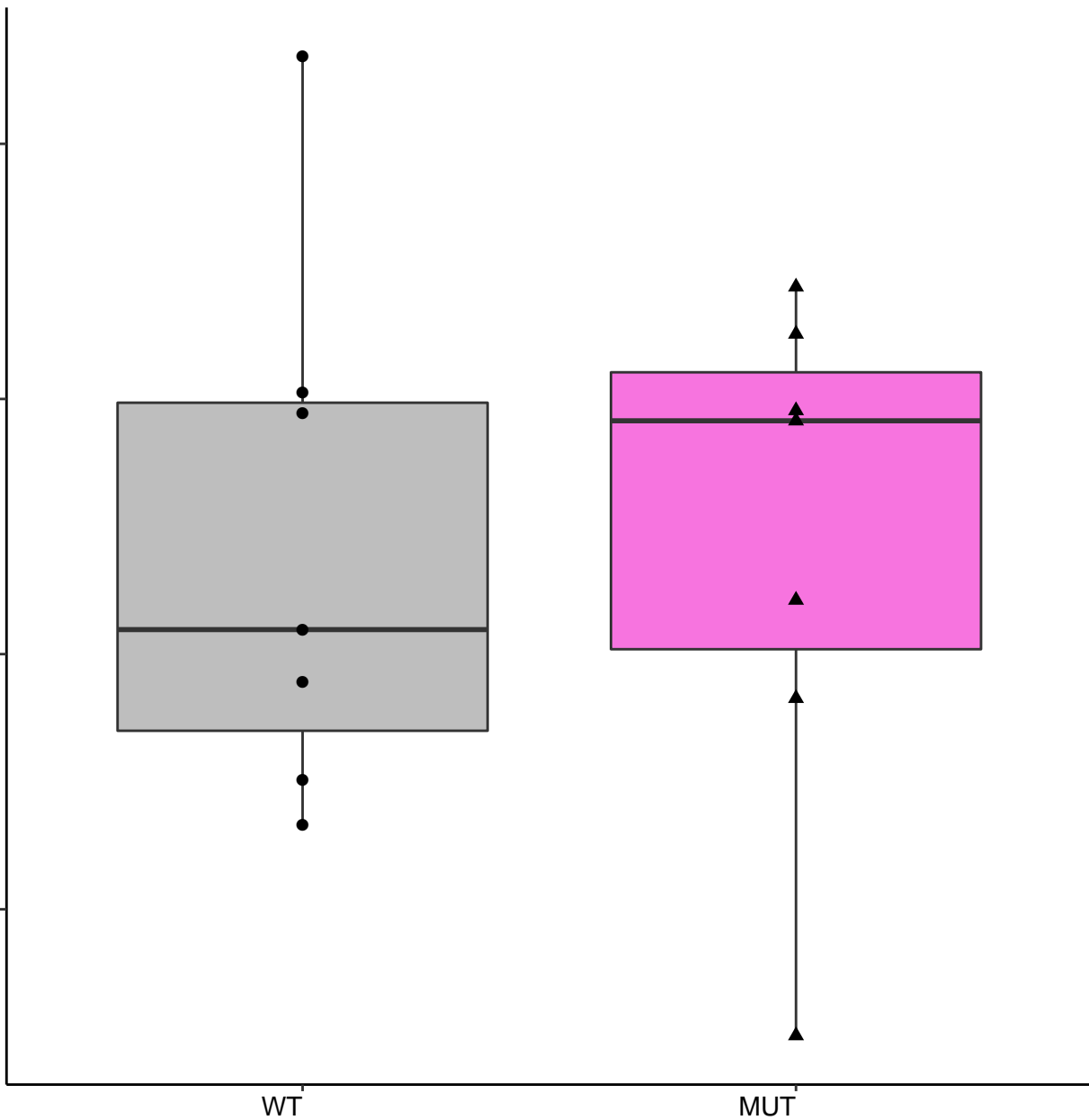
13.15

13.14

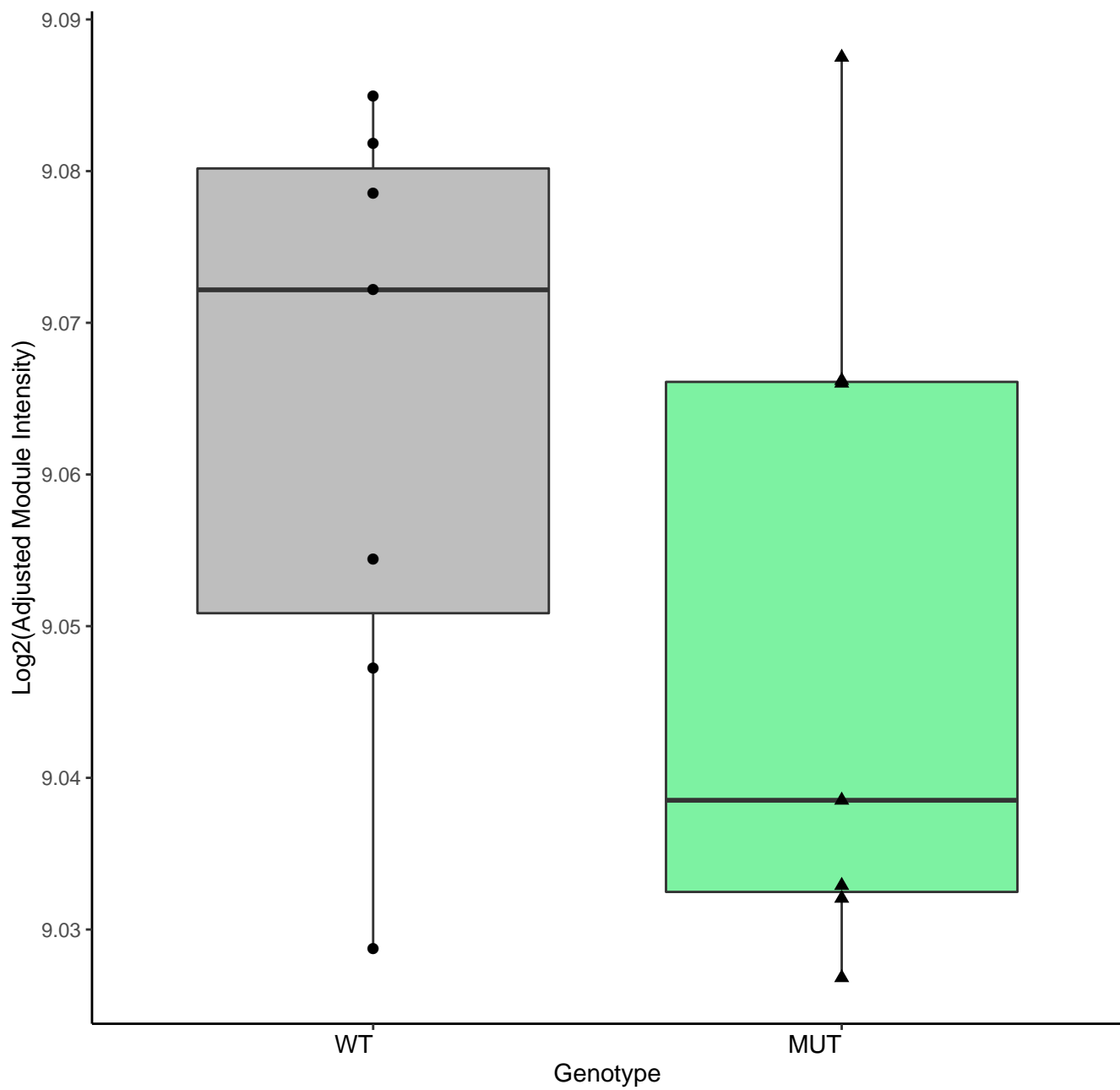
WT

Genotype

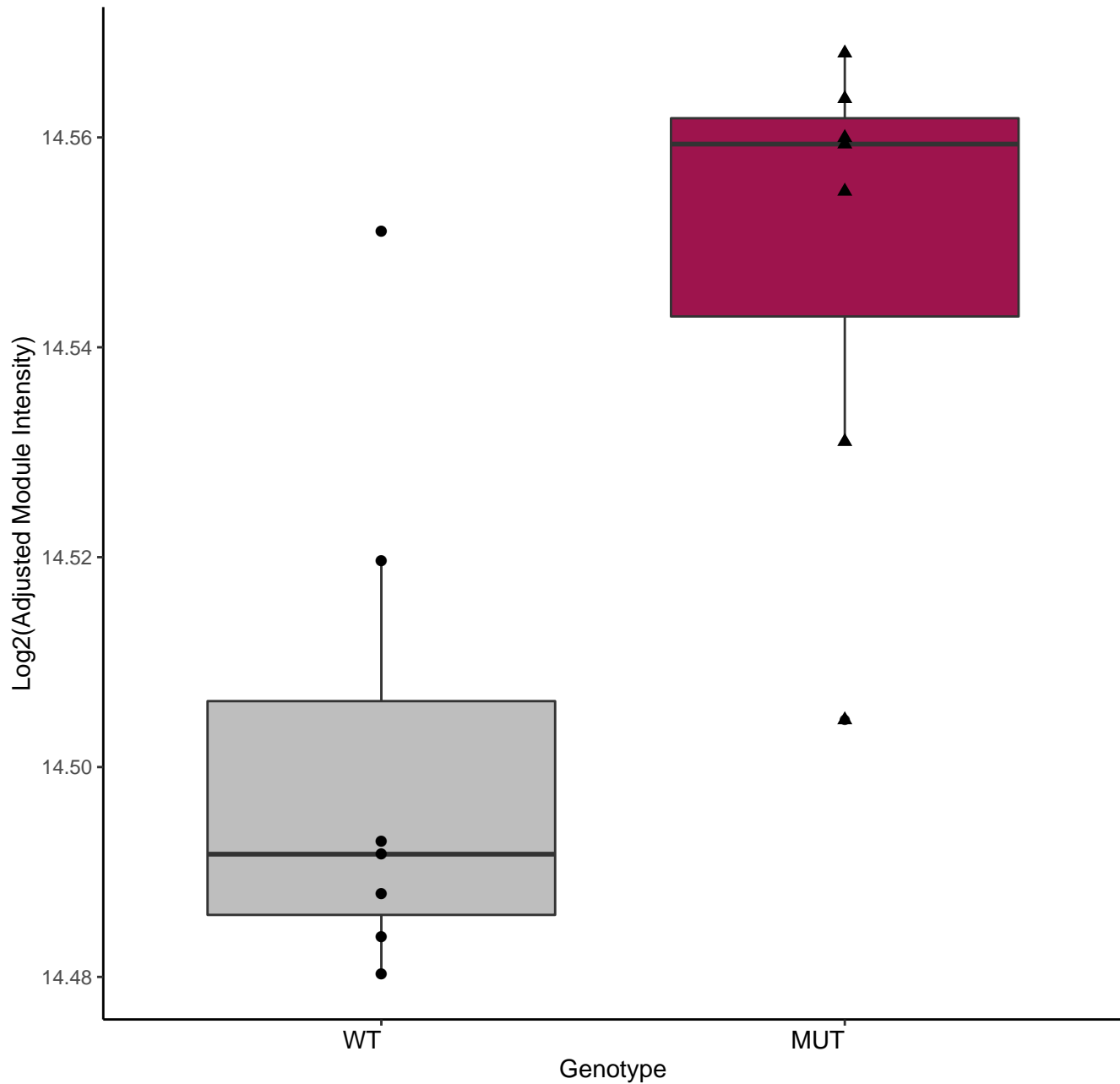
MUT



M65



M66



M67

Log2(Adjusted Module Intensity)

13.76

13.74

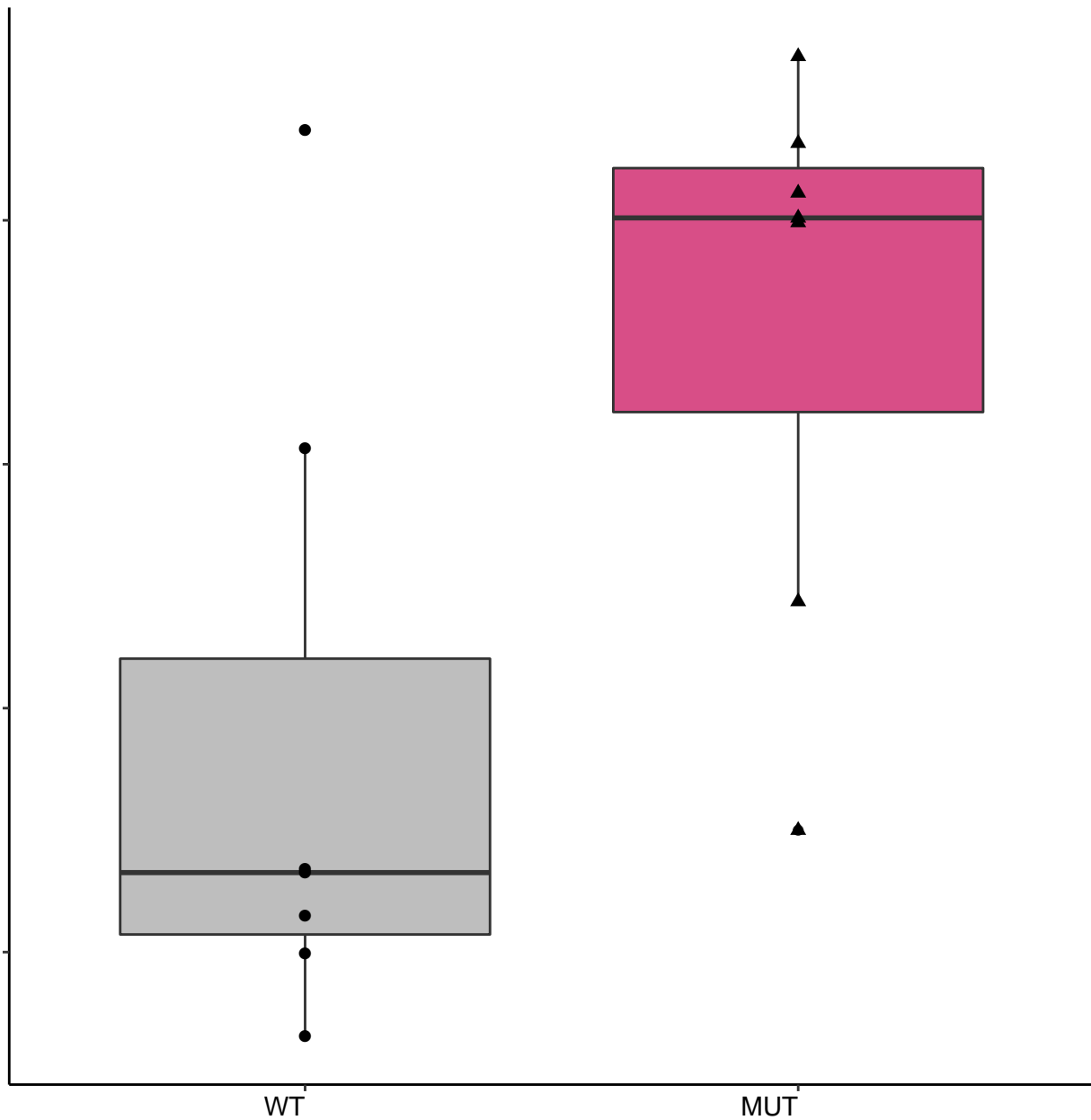
13.72

13.70

WT

Genotype

MUT



M68

Log2(Adjusted Module Intensity)

13.20

13.18

13.16

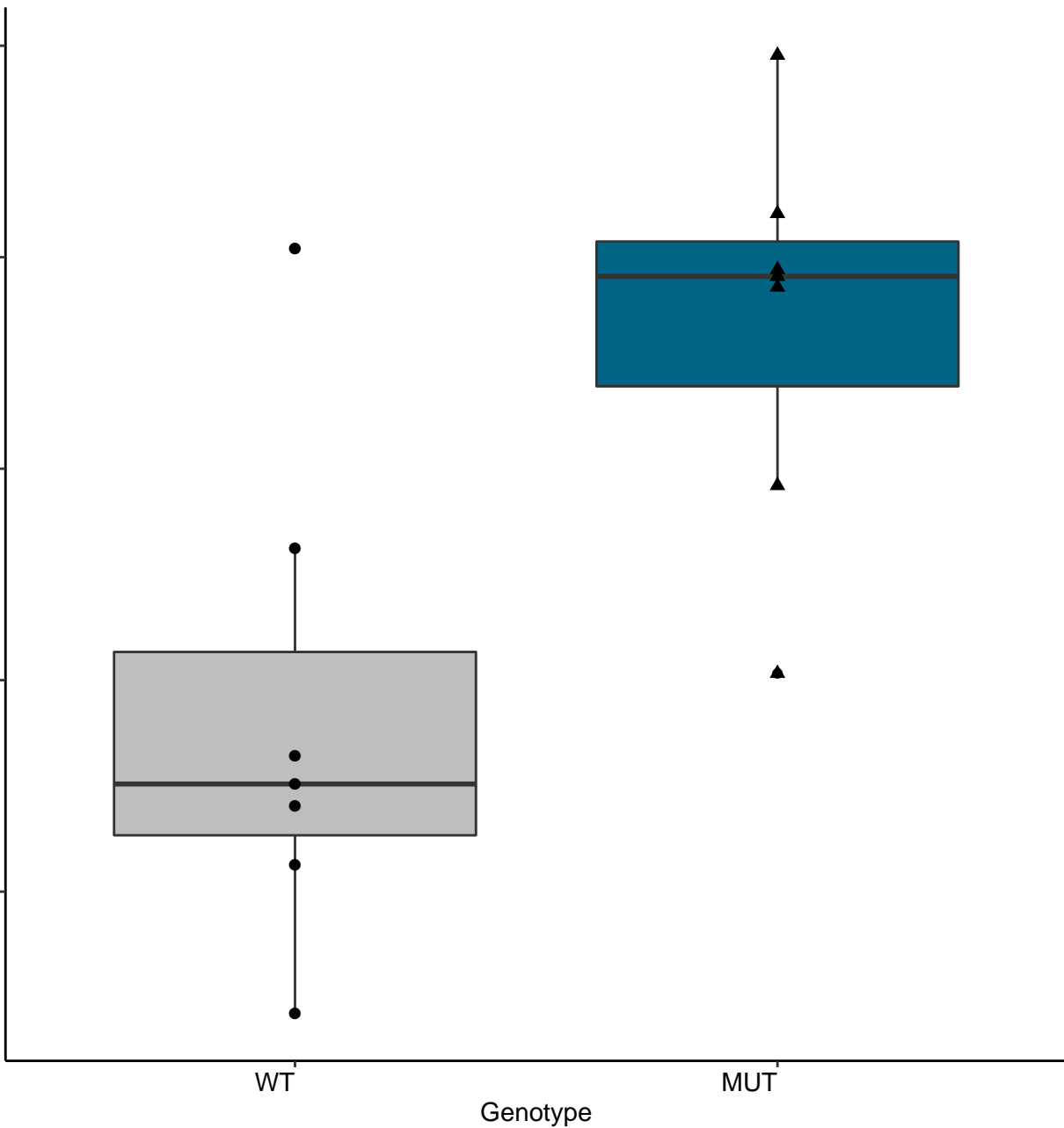
13.14

13.12

WT

MUT

Genotype



M69

Log2(Adjusted Module Intensity)

13.10

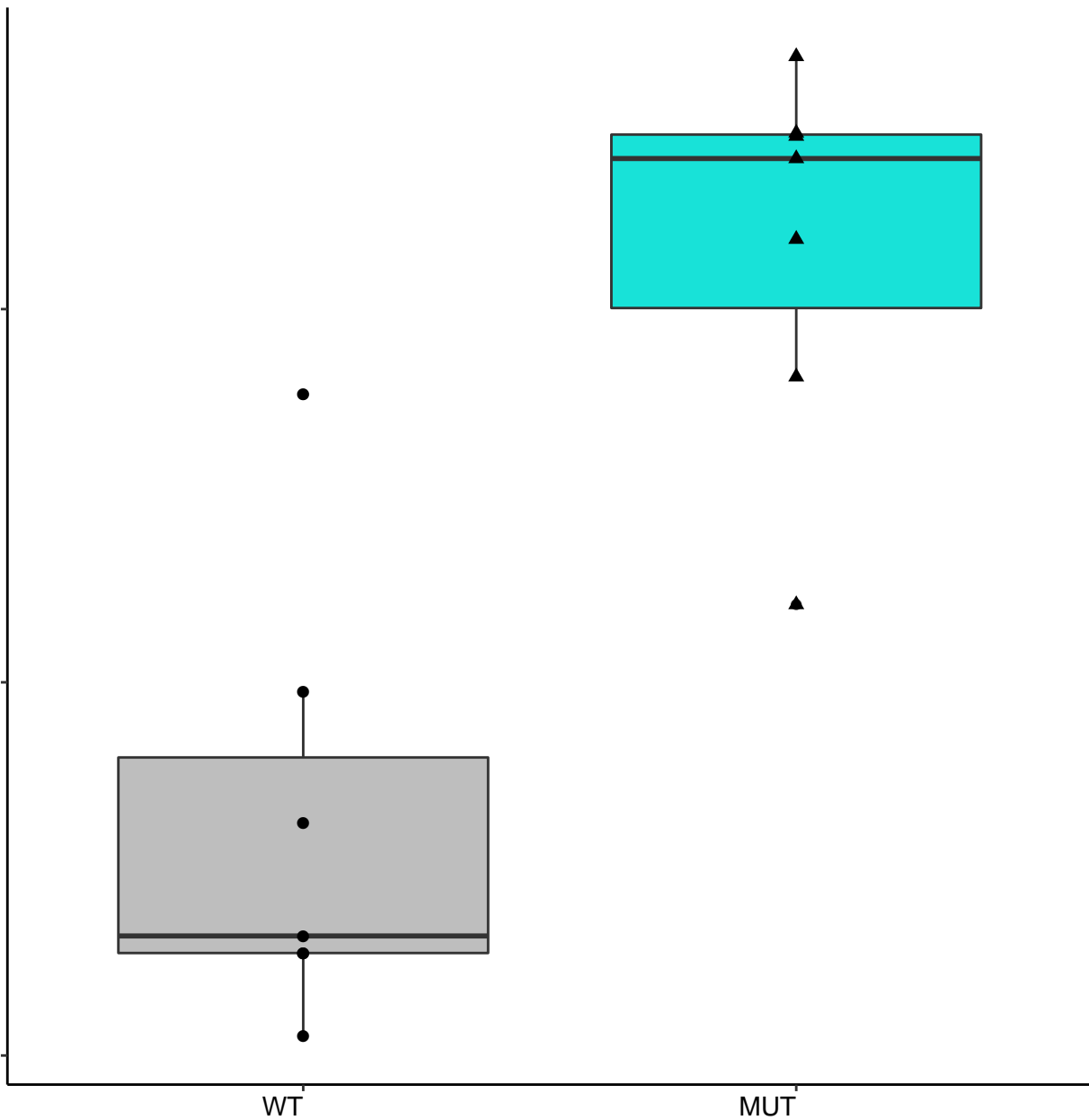
13.05

13.00

WT

MUT

Genotype



M70

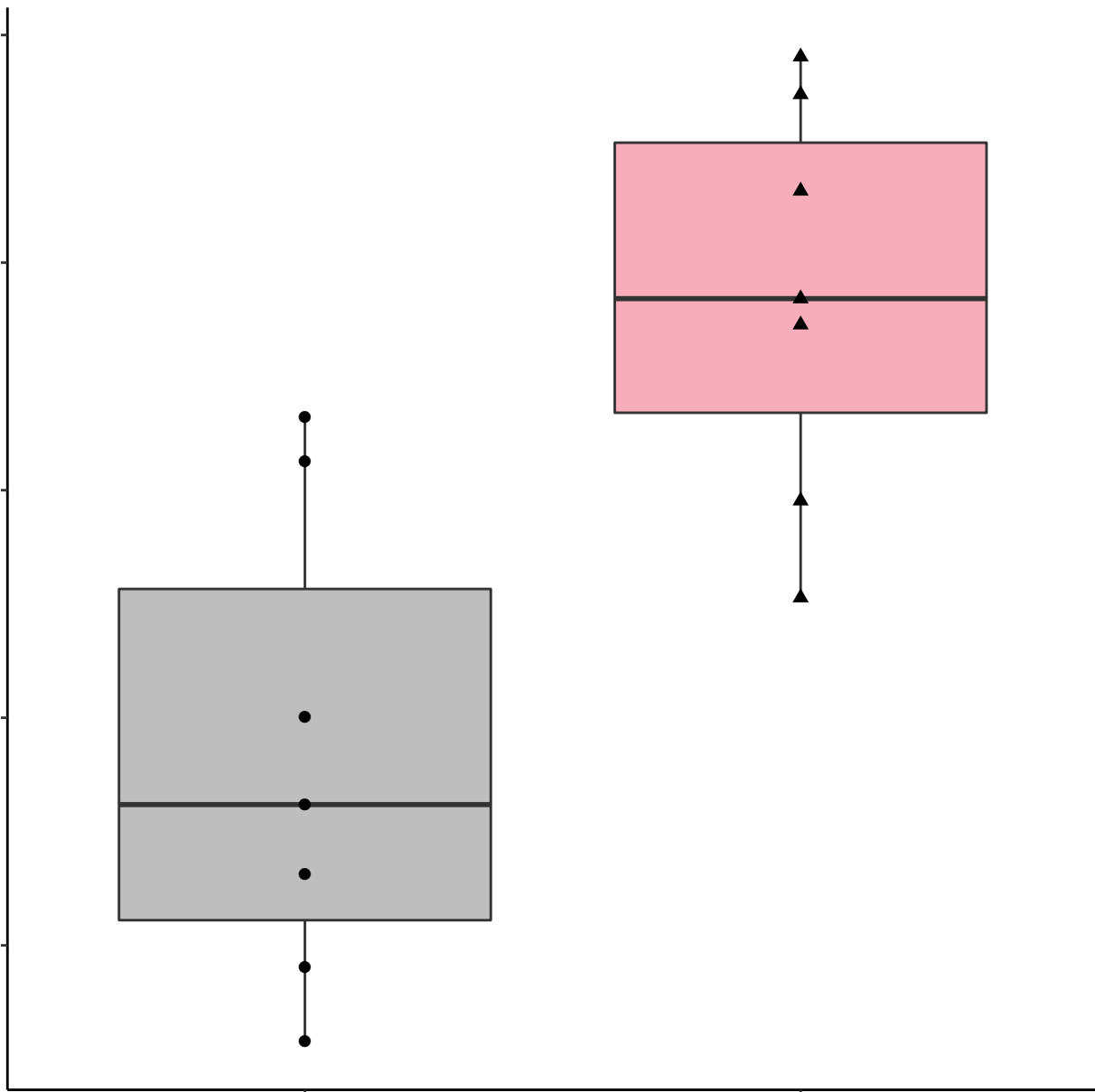
Log2(Adjusted Module Intensity)

12.14
12.12
12.10
12.08
12.06

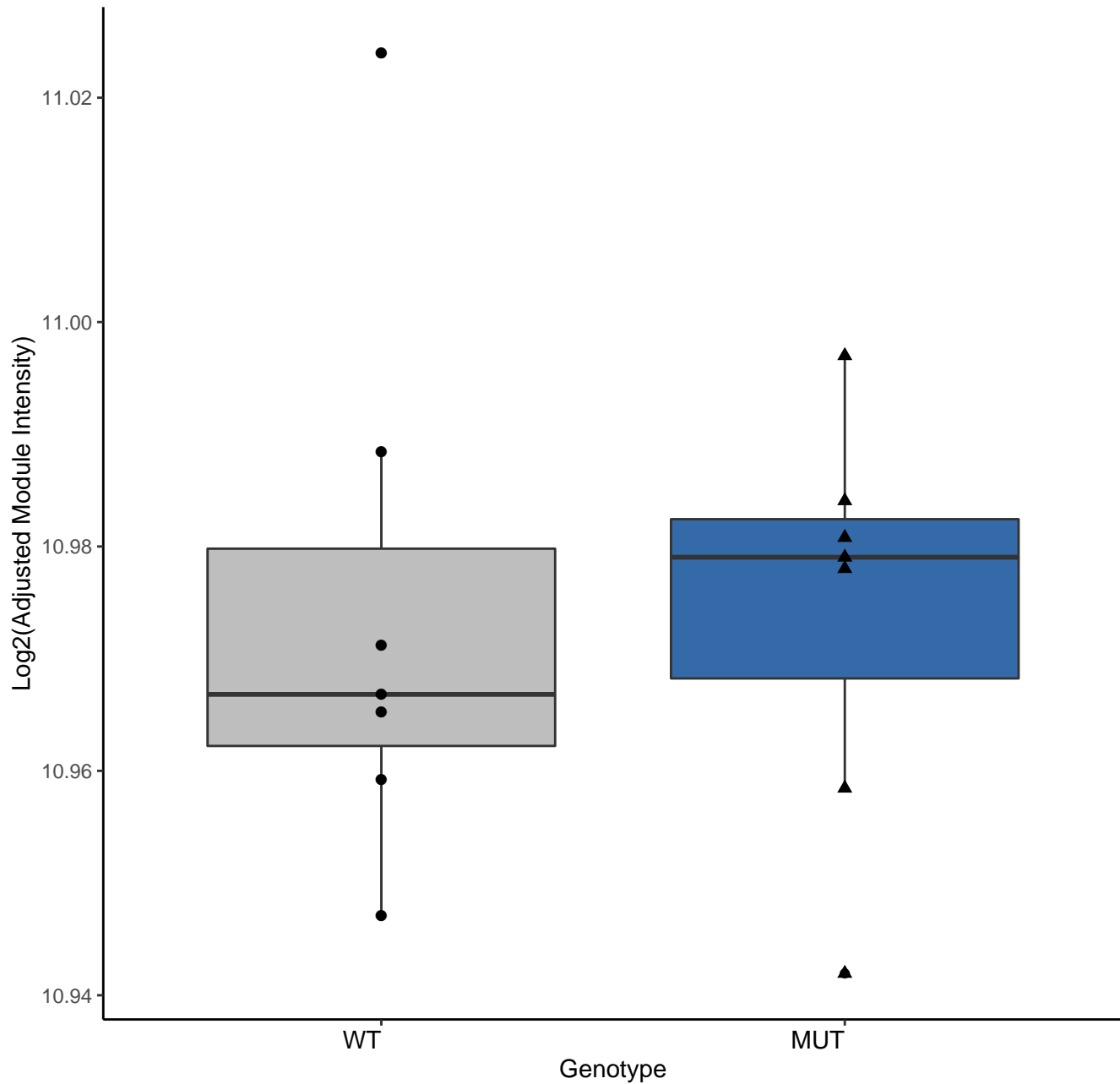
WT

MUT

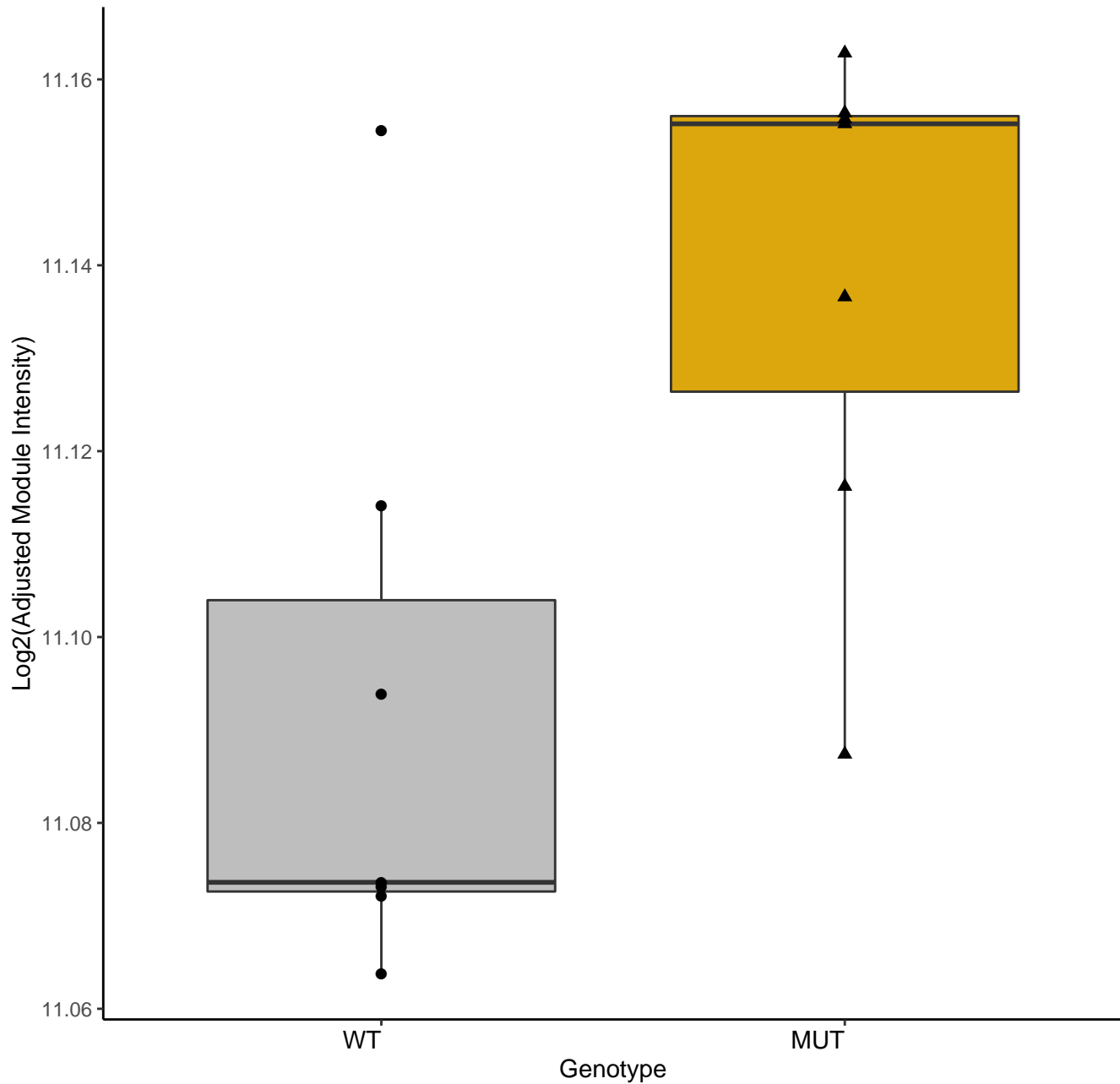
Genotype



M71



M72



M73

Log2(Adjusted Module Intensity)

11.04

11.02

11.00

10.98

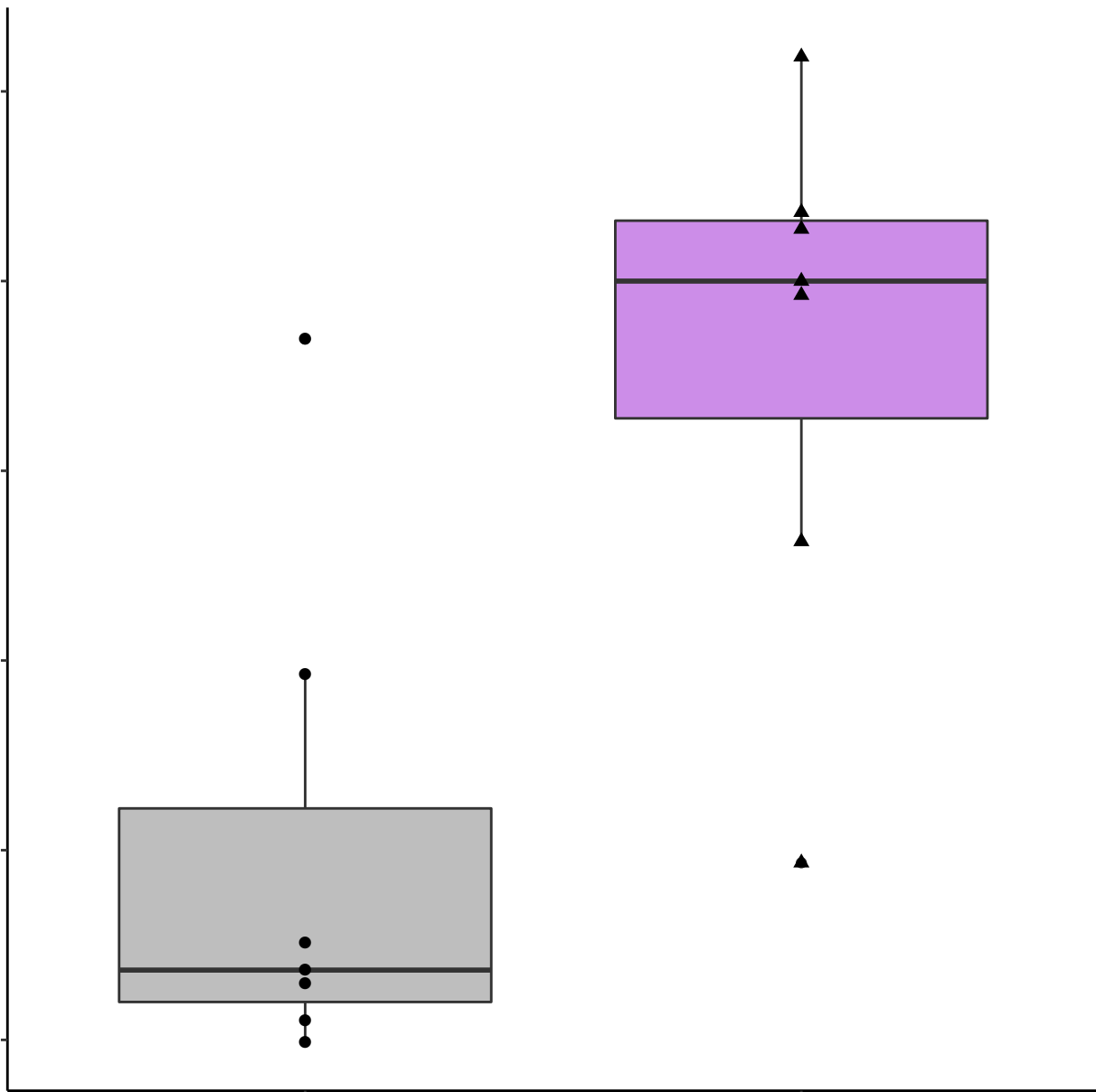
10.96

10.94

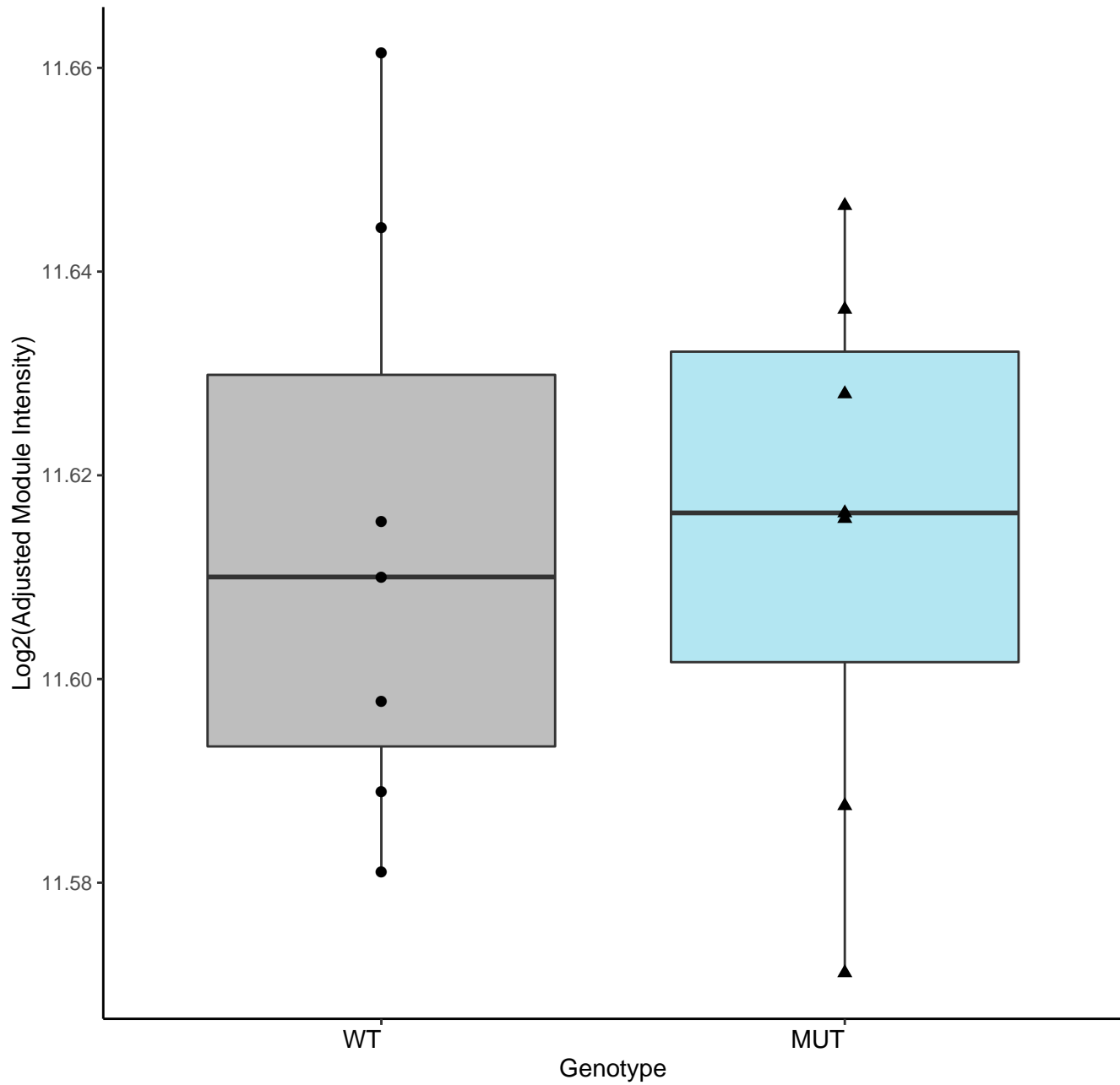
WT

MUT

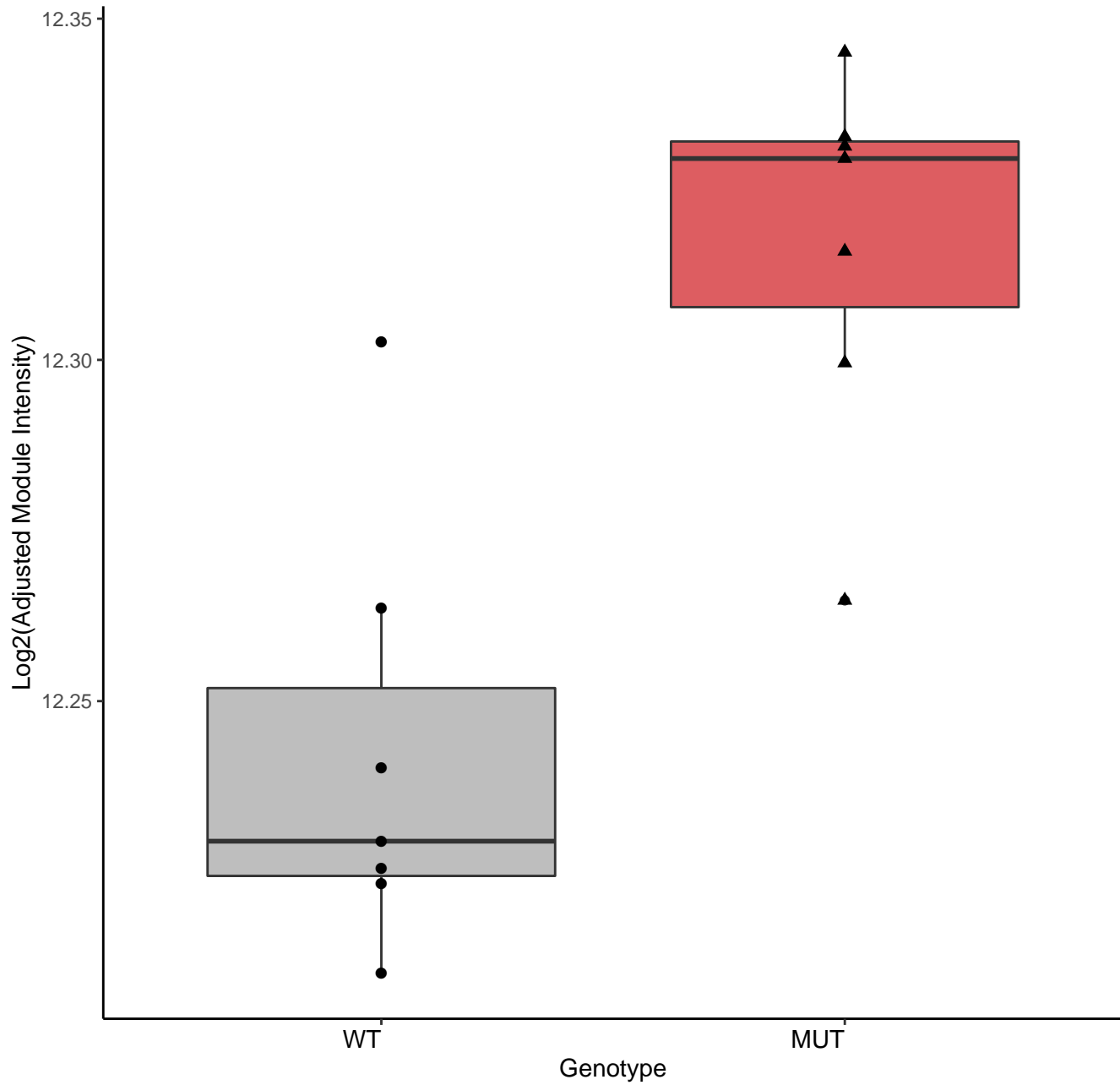
Genotype

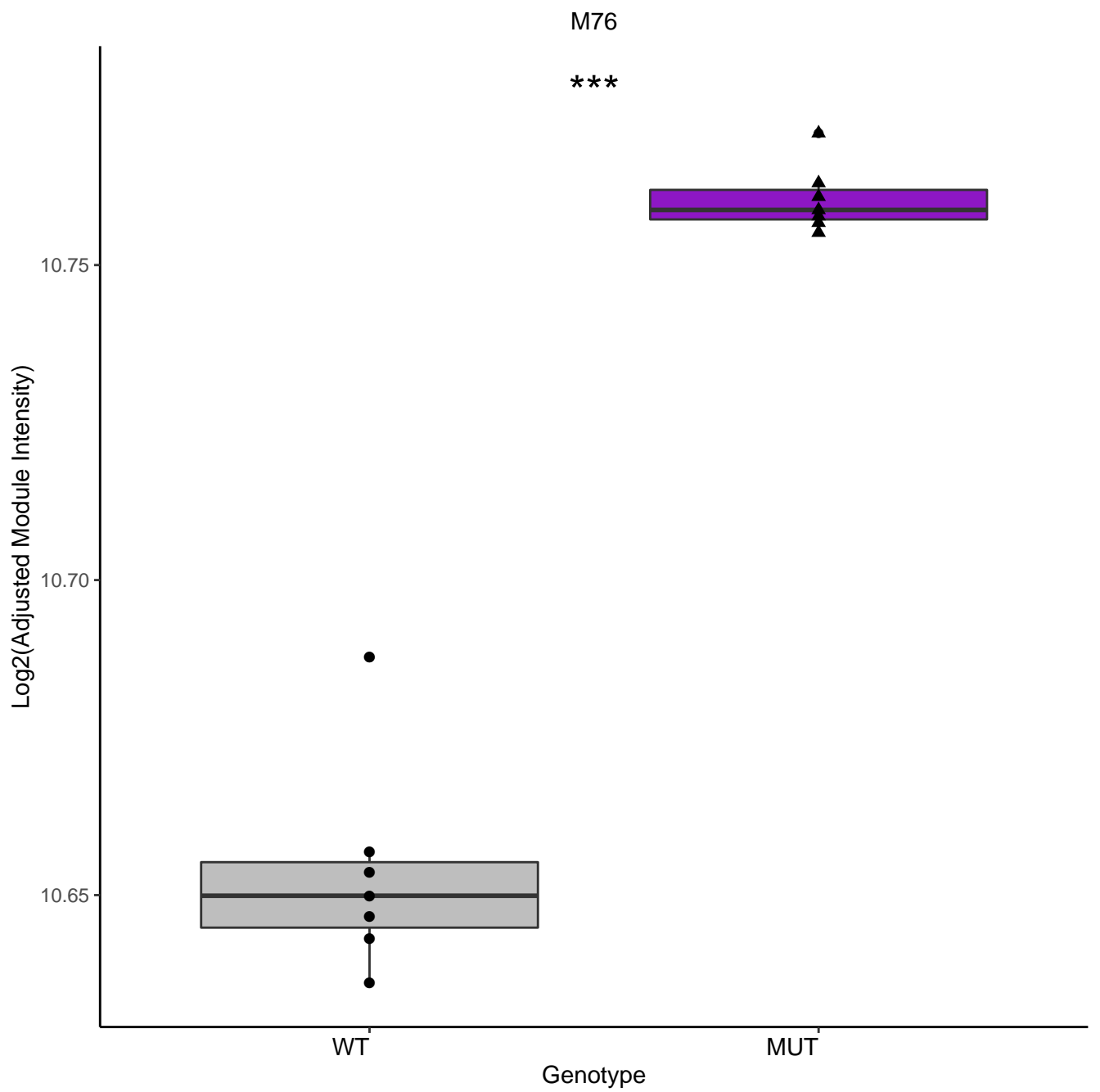


M74

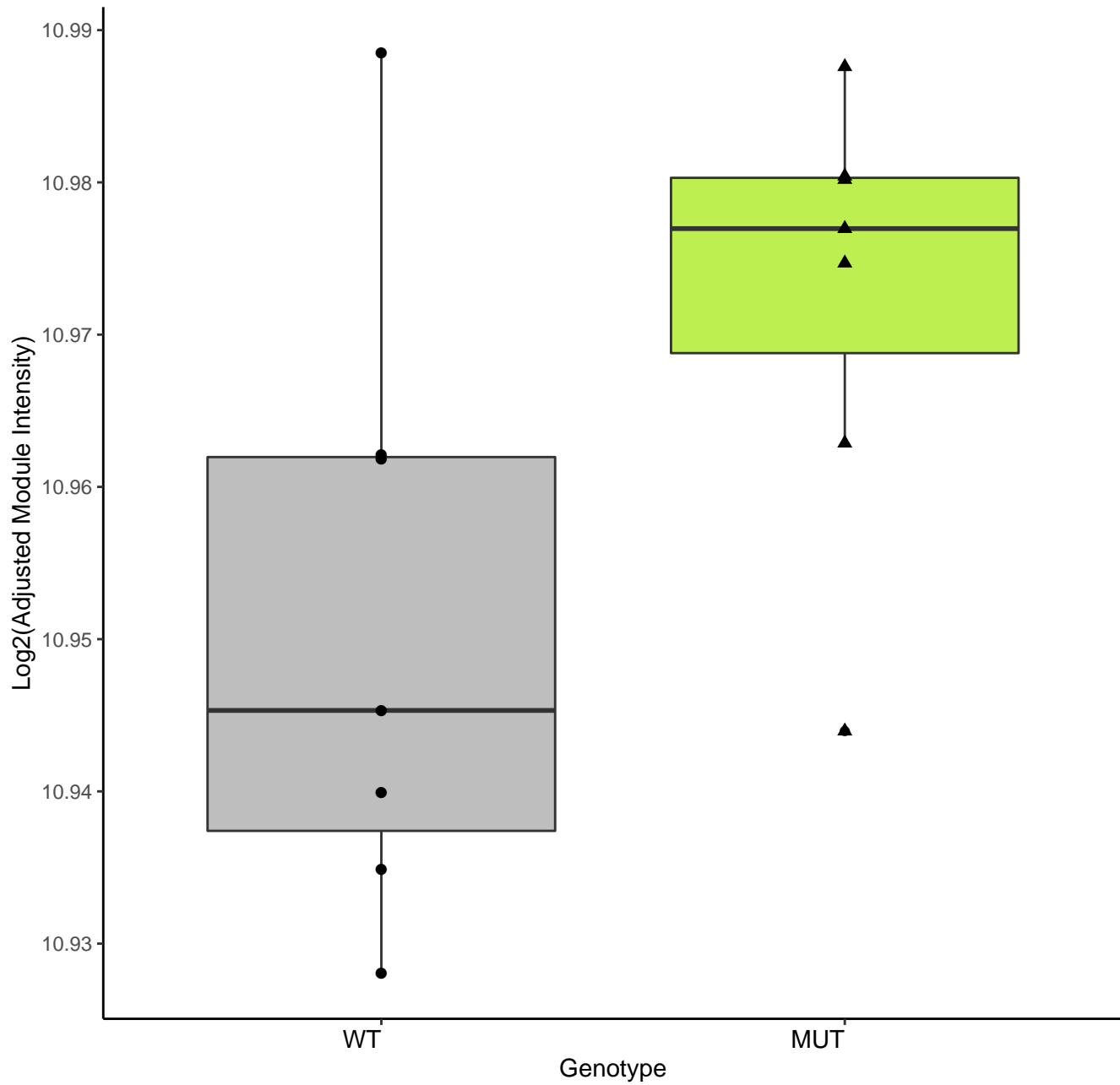


M75

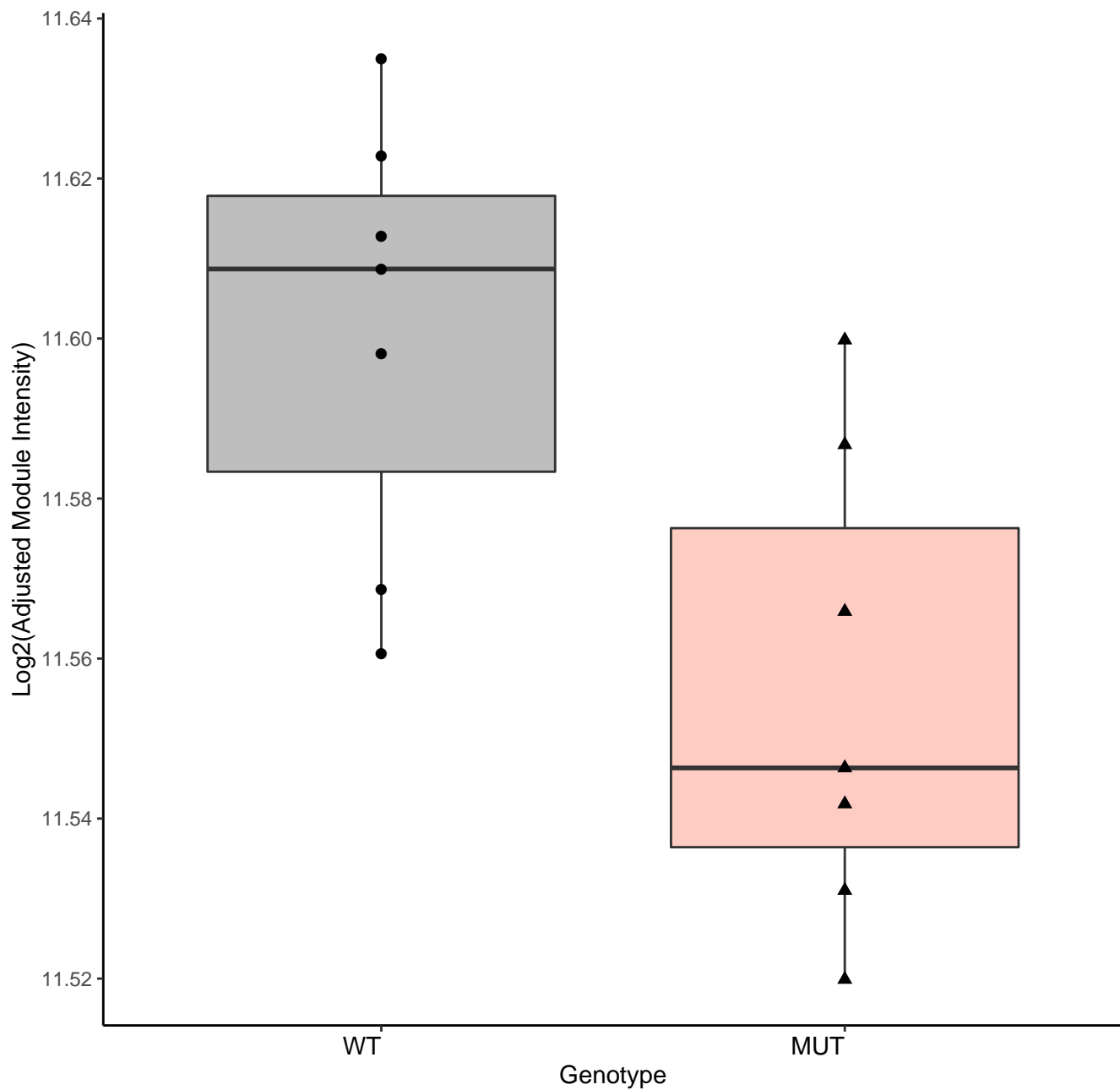




M77



M78



M79

Log2(Adjusted Module Intensity)

9.55

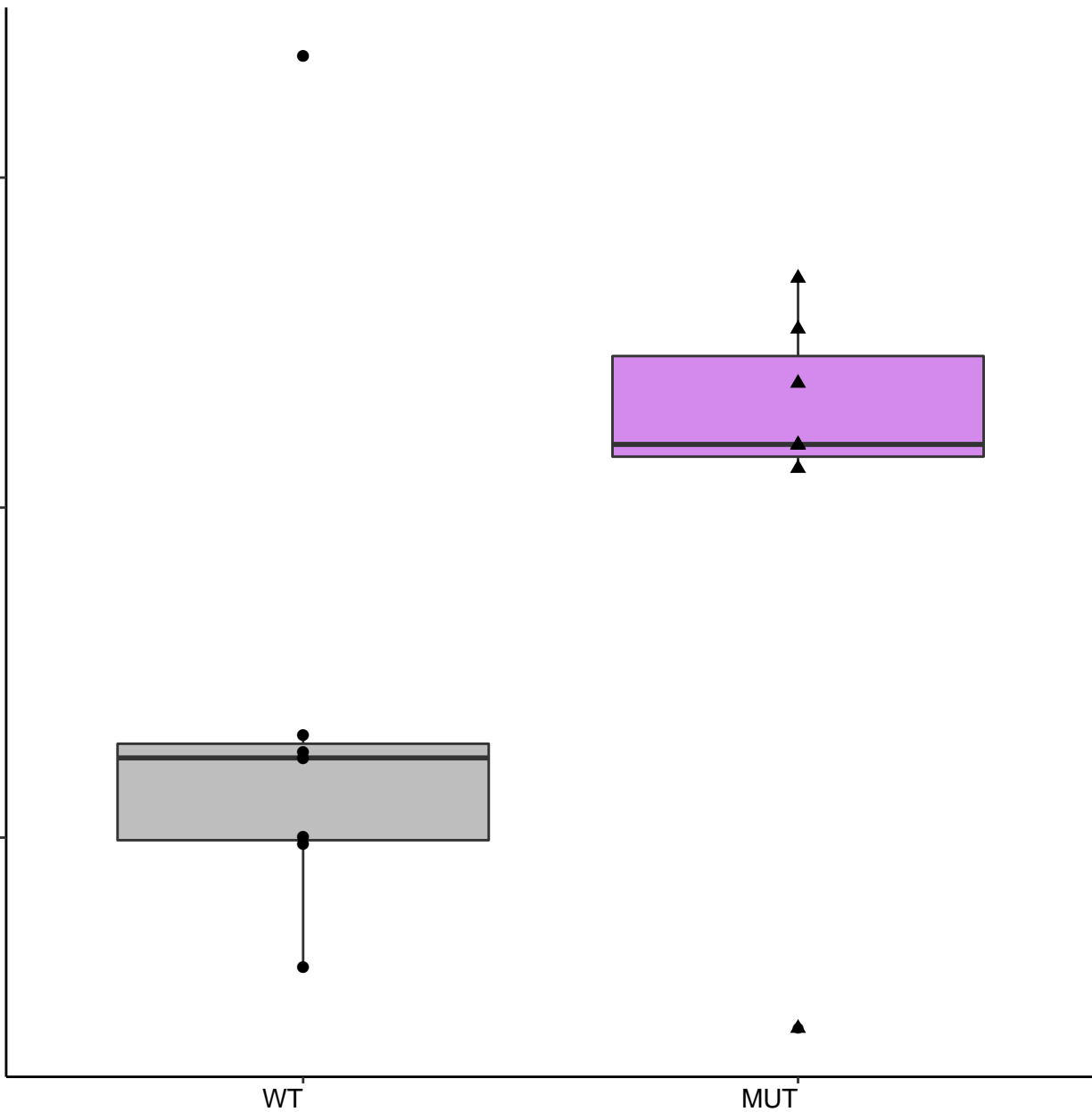
9.50

9.45

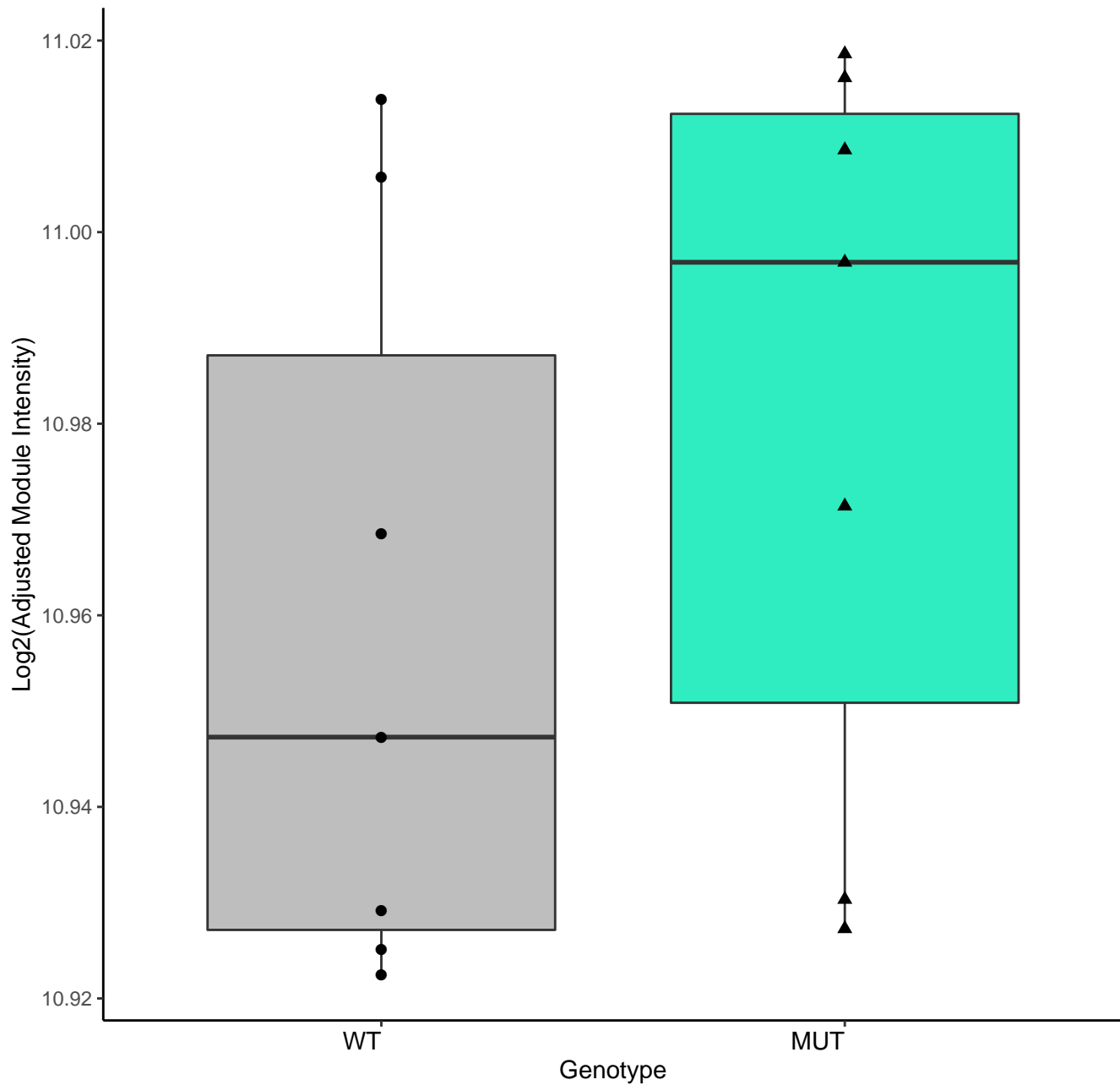
WT

MUT

Genotype



M80



M81

Log2(Adjusted Module Intensity)

15.20

15.15

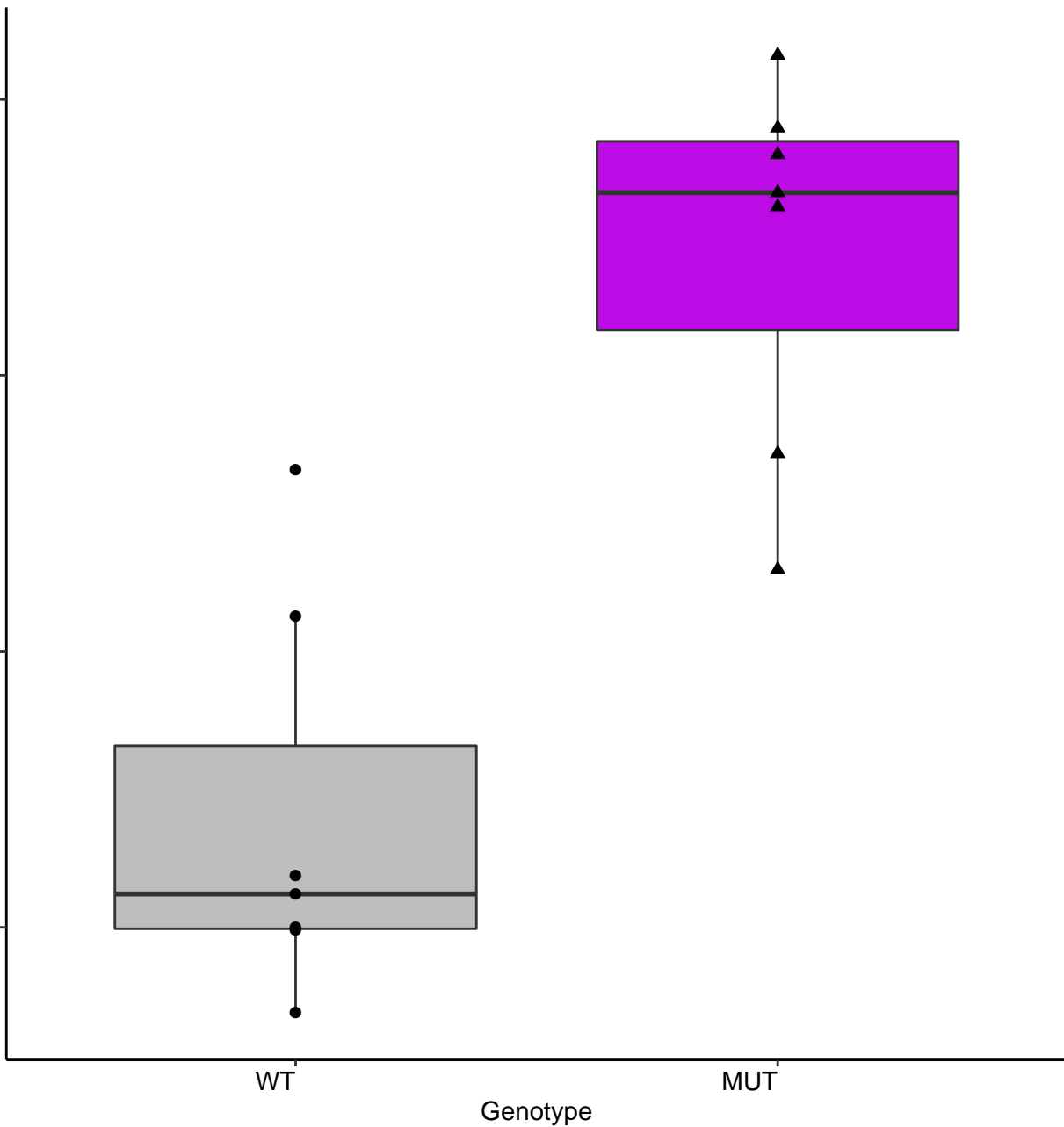
15.10

15.05

WT

MUT

Genotype



M82

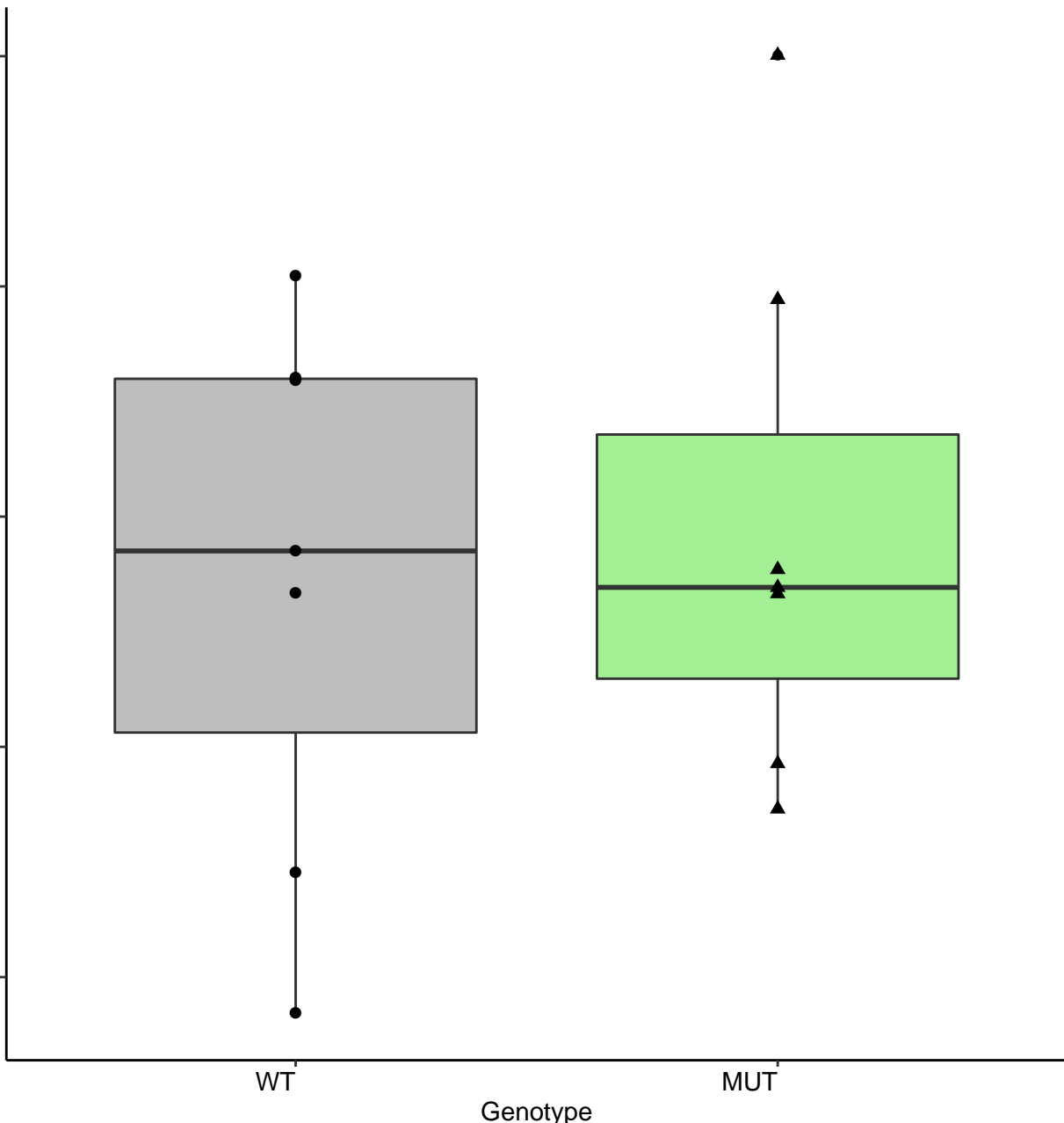
Log2(Adjusted Module Intensity)

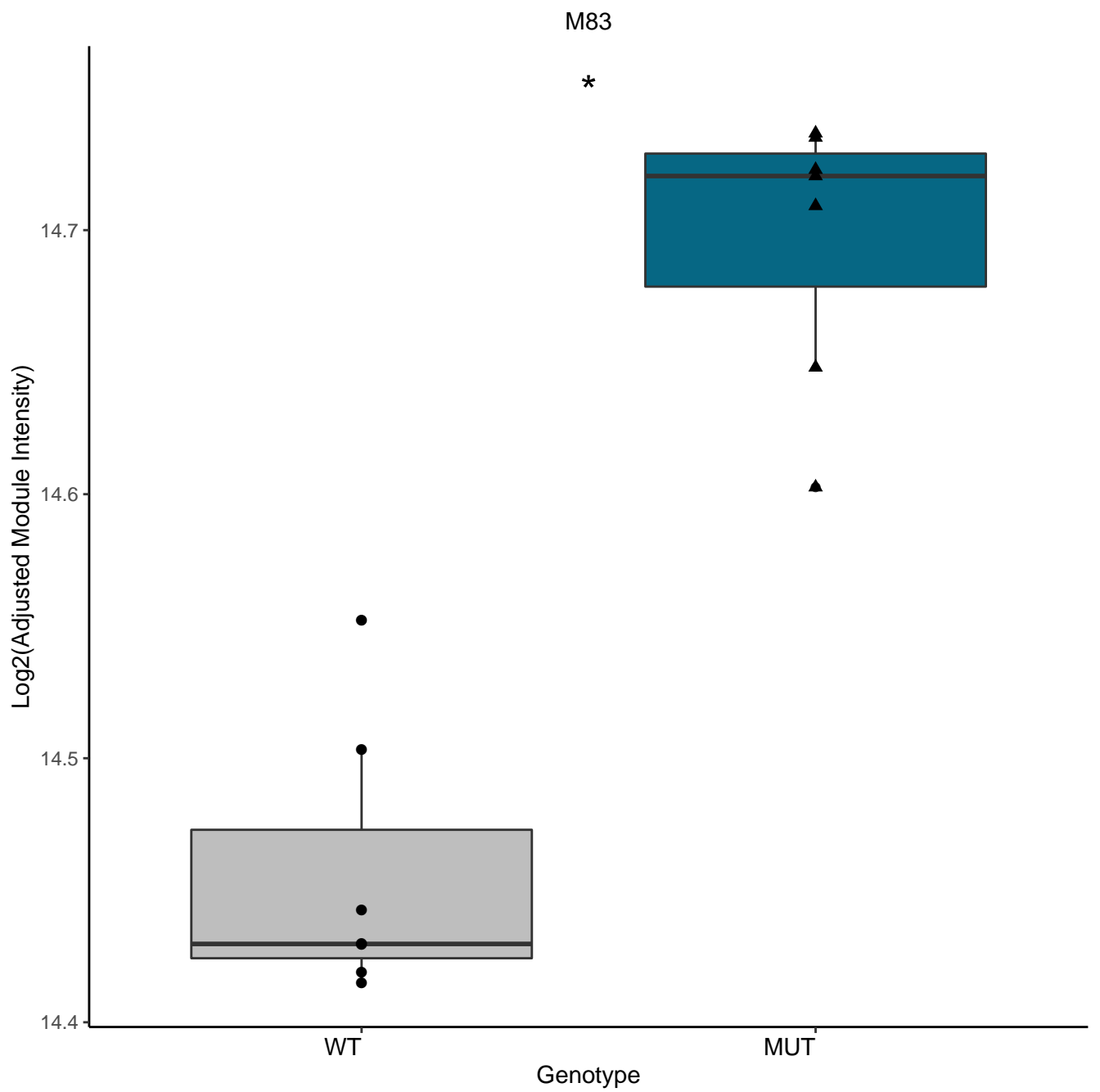
11.96
11.94
11.92
11.90
11.88

WT

MUT

Genotype





M84

Log2(Adjusted Module Intensity)

11.58

11.56

11.54

11.52

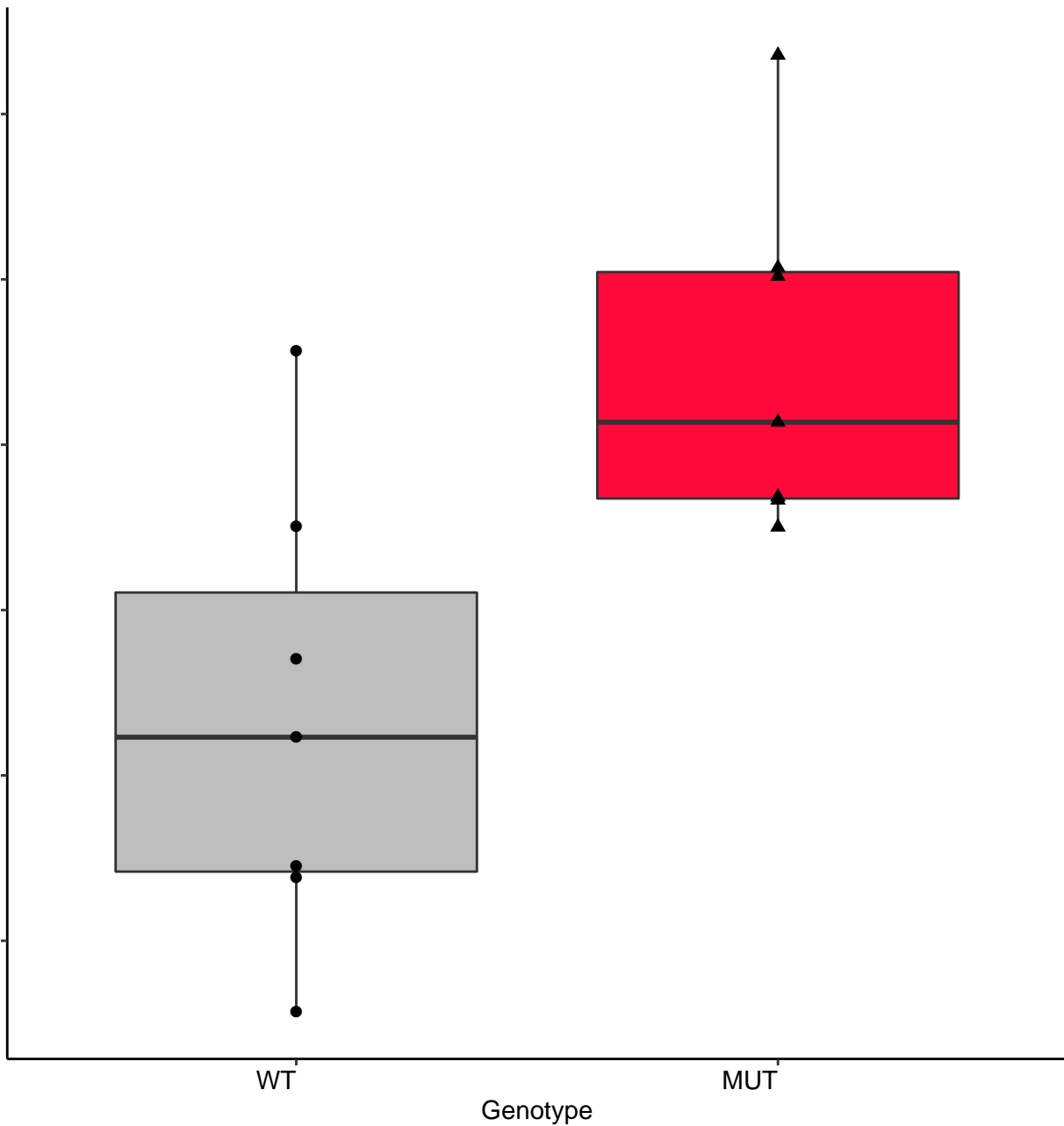
11.50

11.48

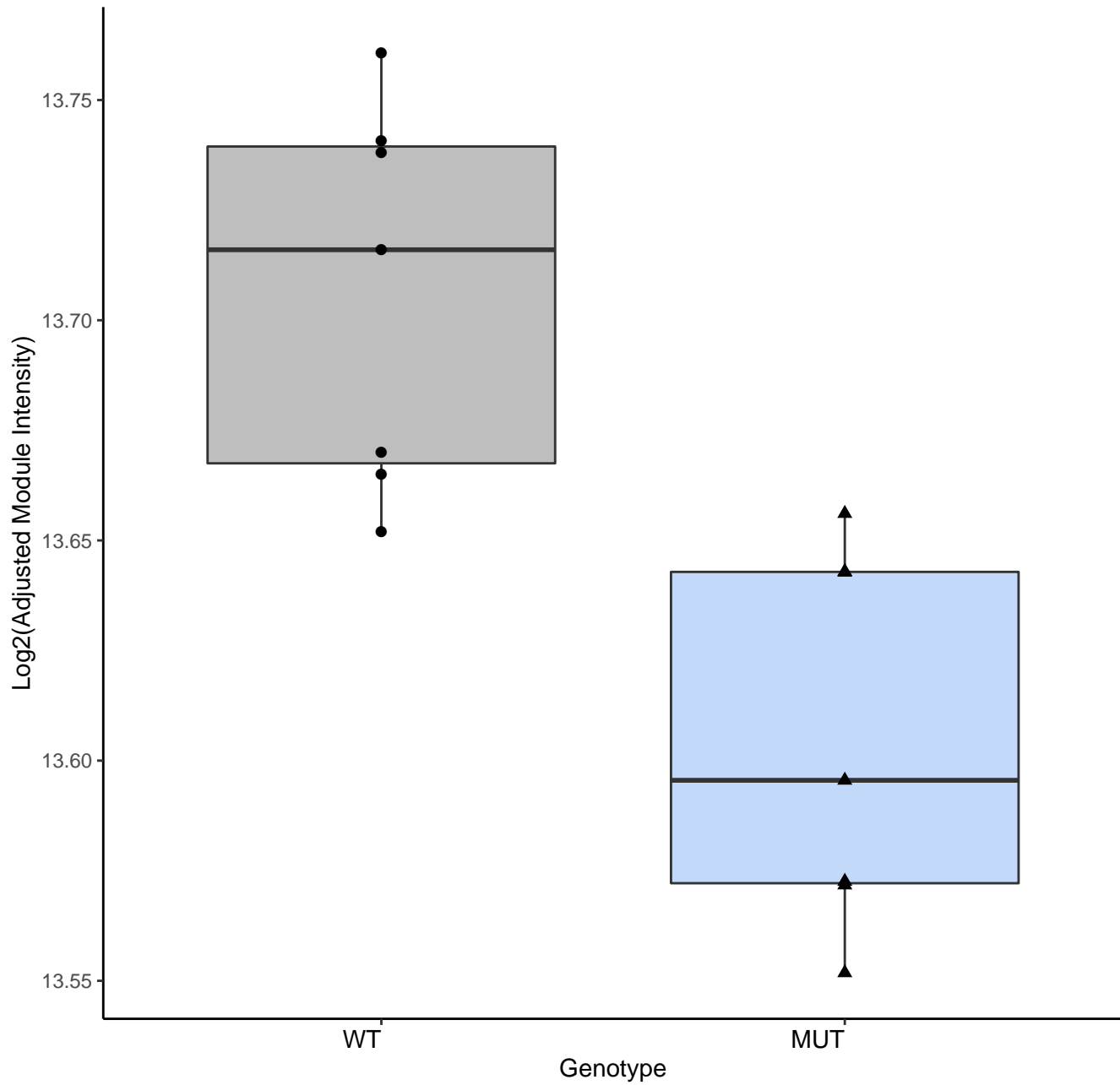
WT

MUT

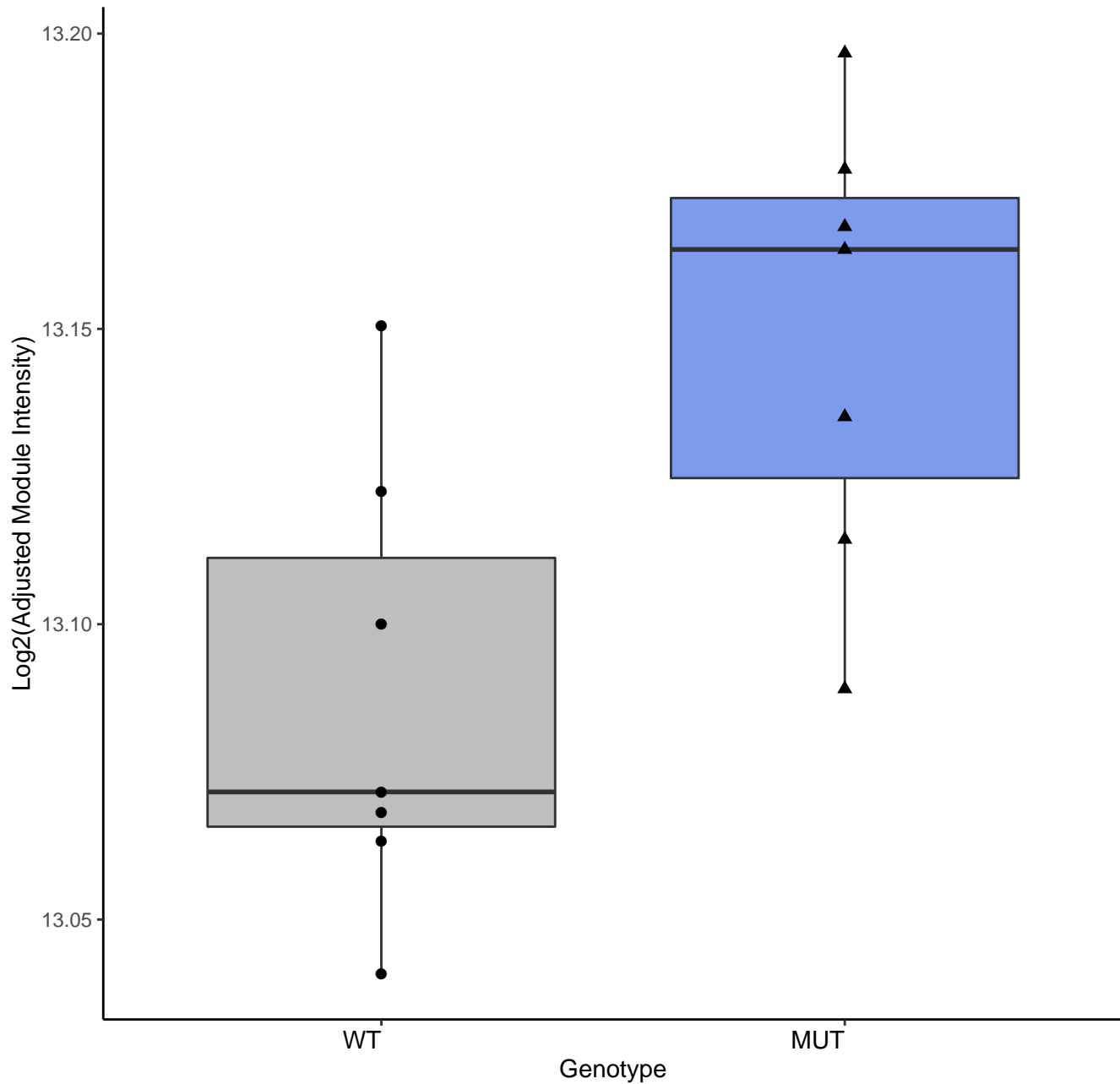
Genotype



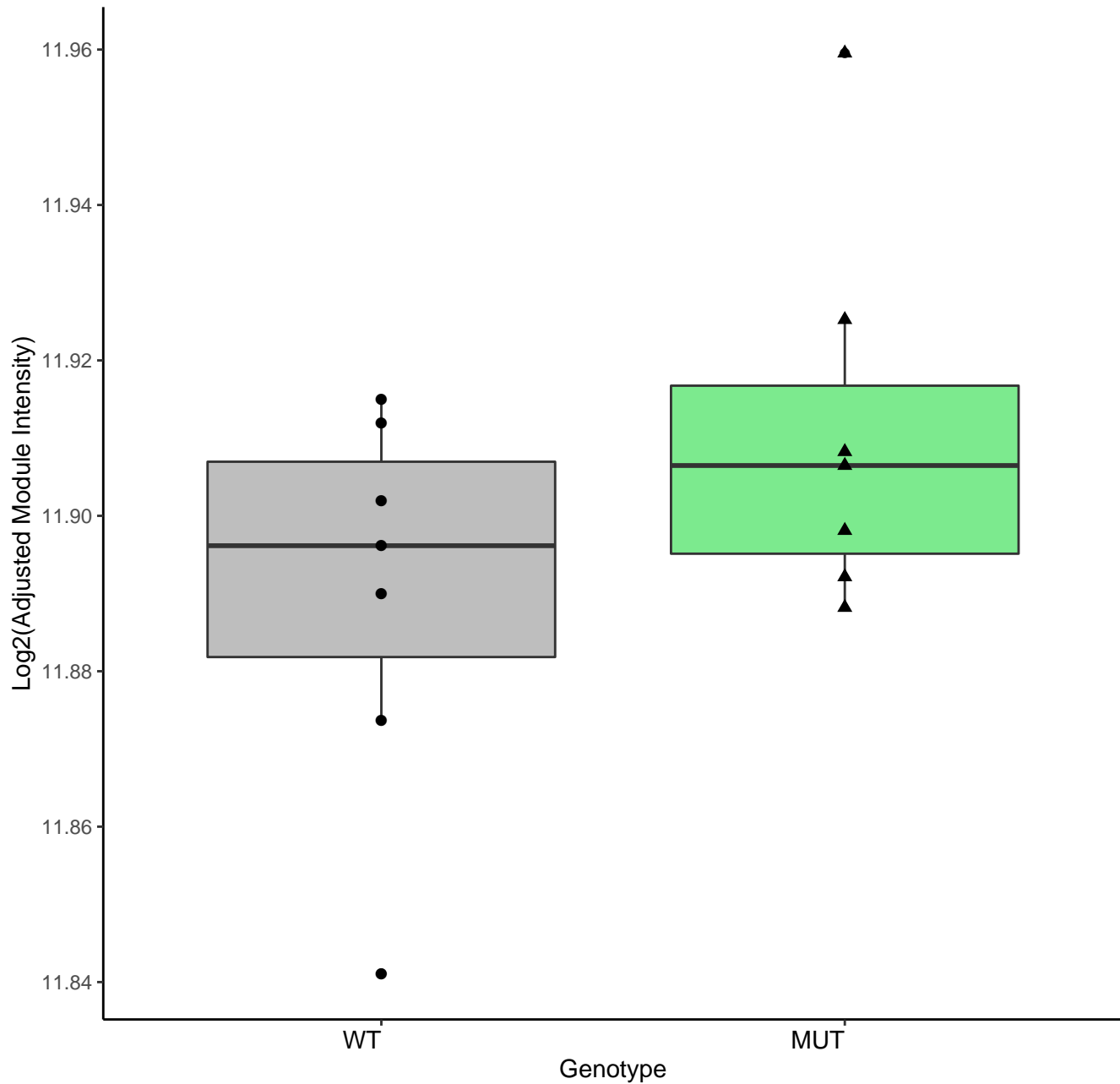
M85



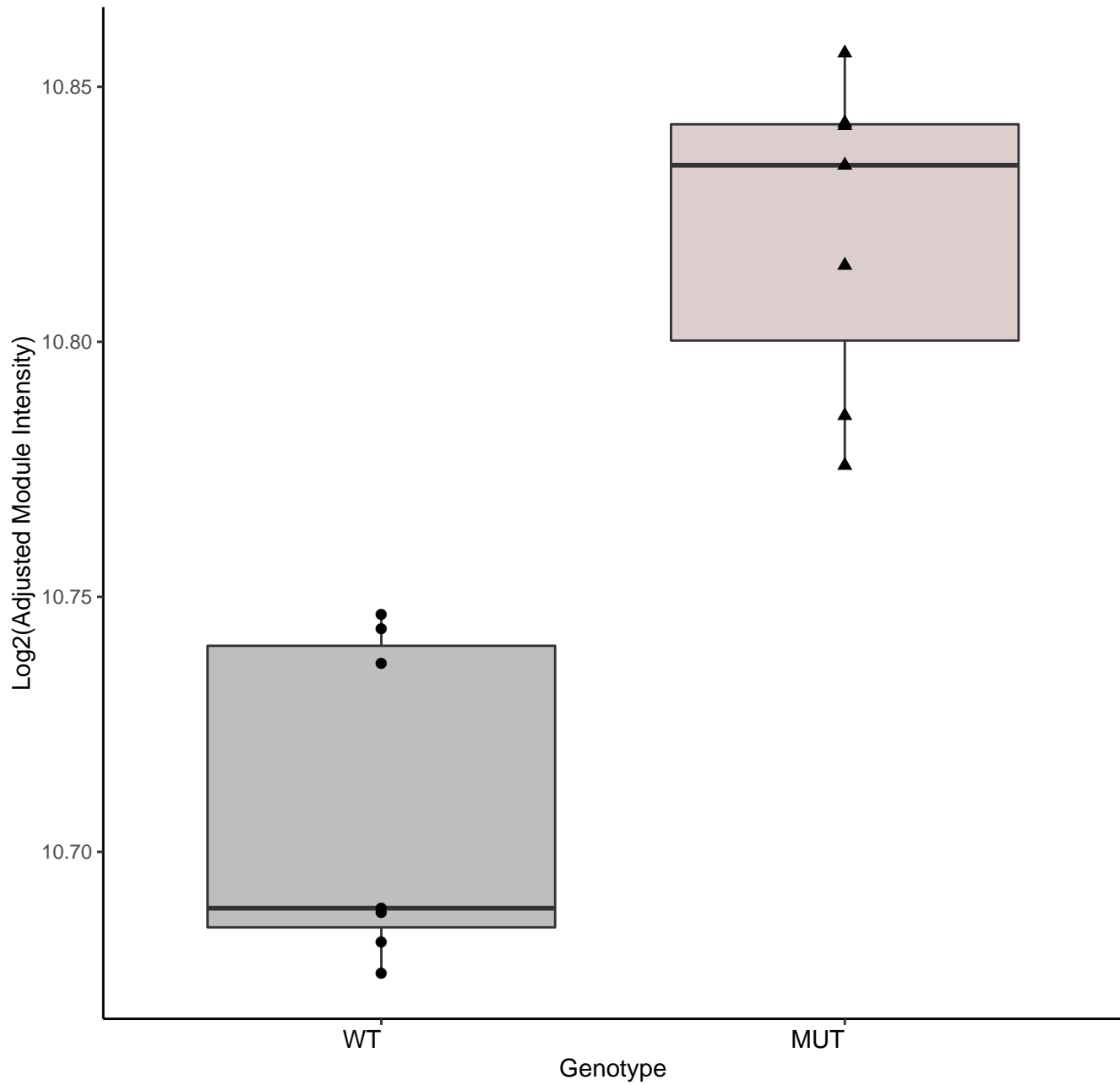
M86



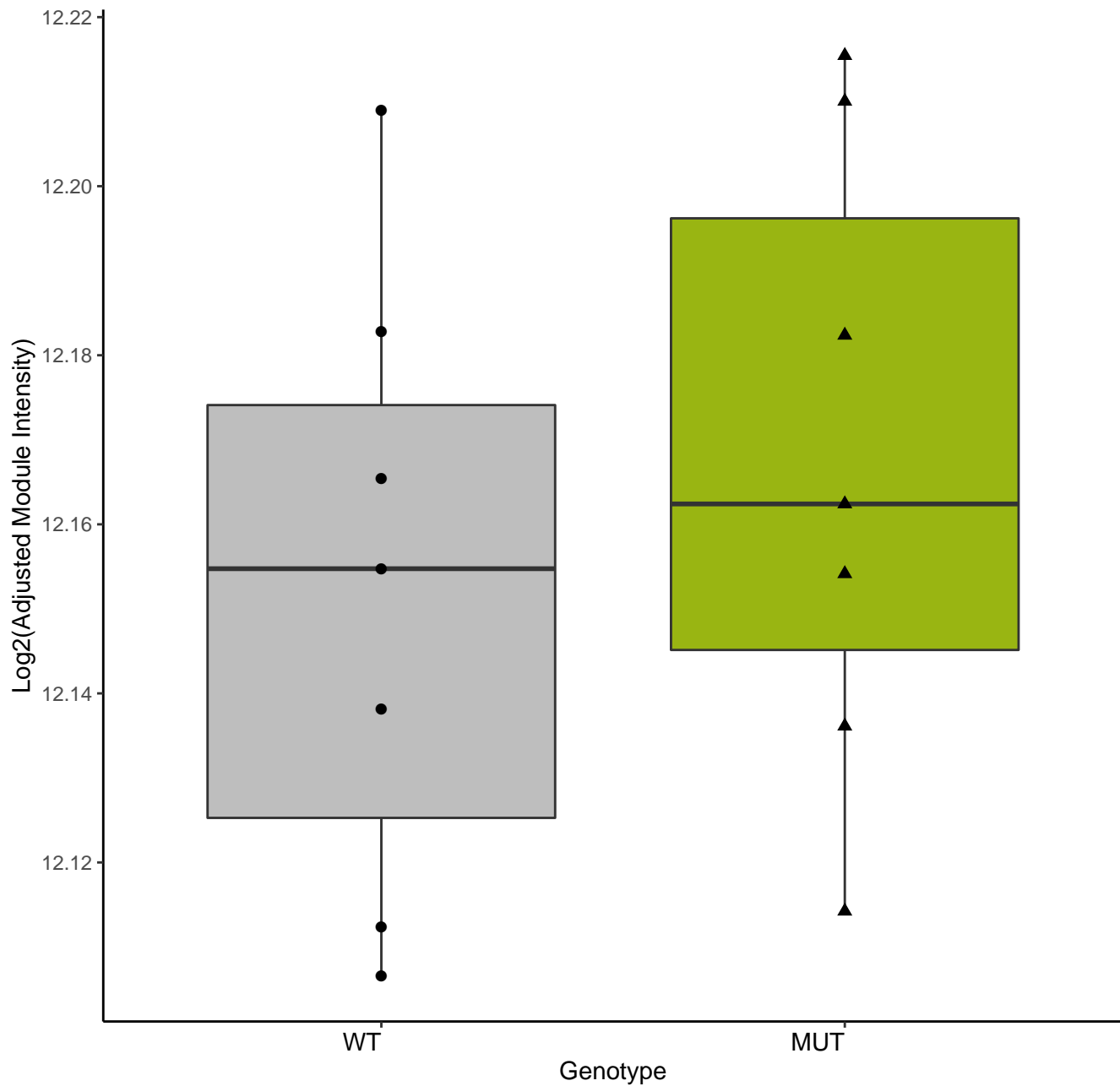
M87



M88



M89



M90

Log2(Adjusted Module Intensity)

9.20

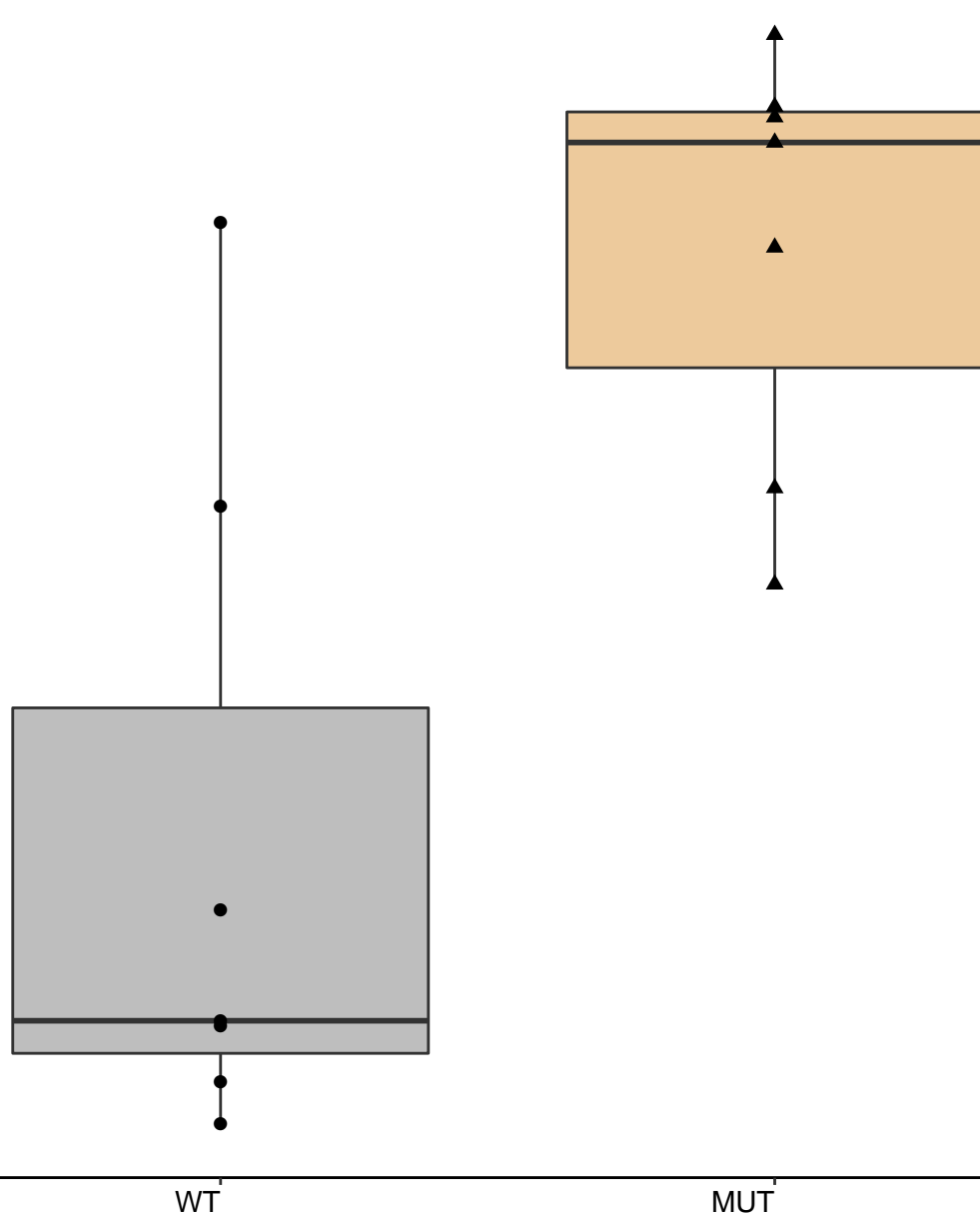
9.15

9.10

WT

MUT

Genotype



M91

Log2(Adjusted Module Intensity)

10.04

10.02

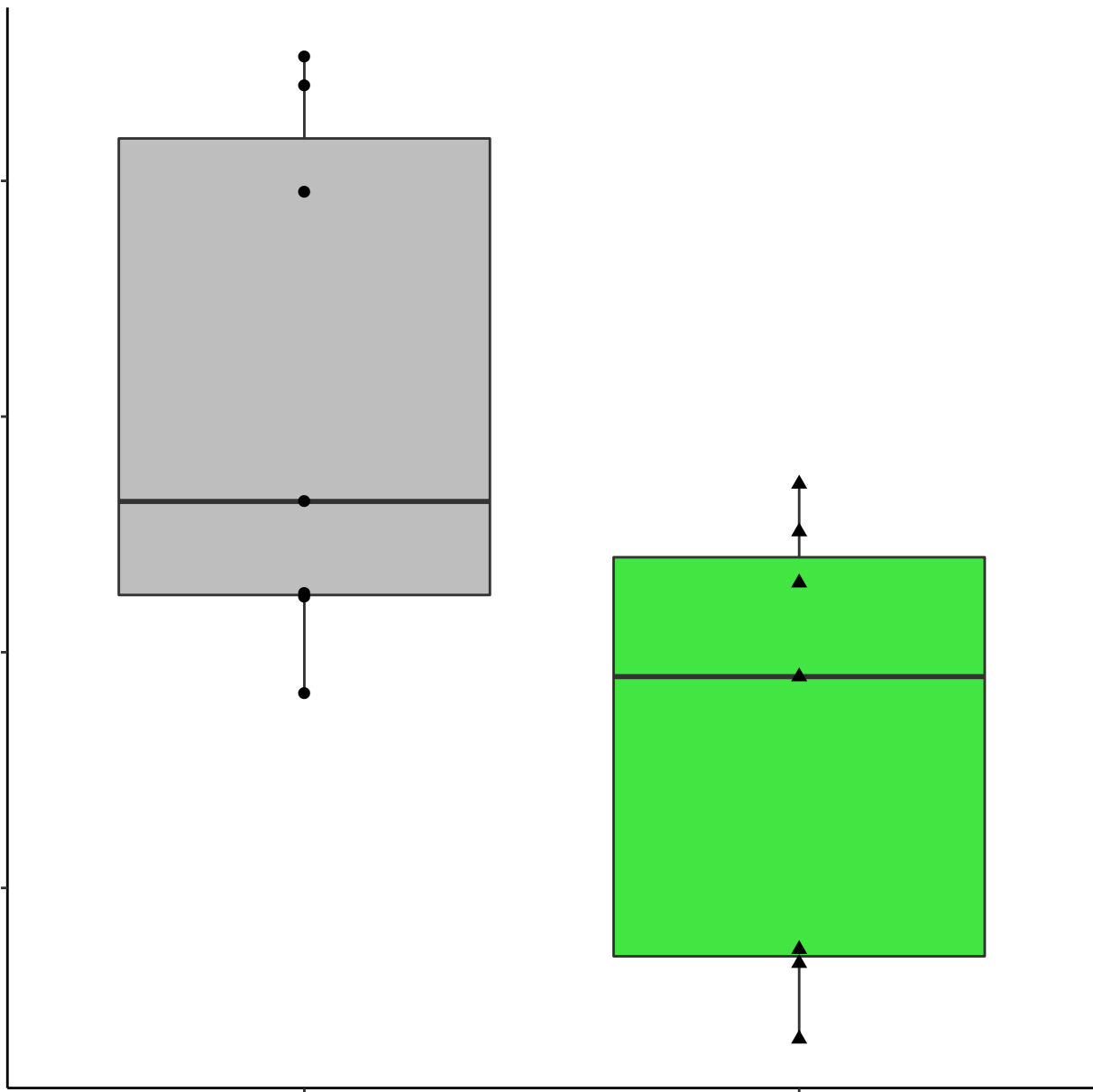
10.00

9.98

WT

Genotype

MUT



M92

Log2(Adjusted Module Intensity)

14.08

14.06

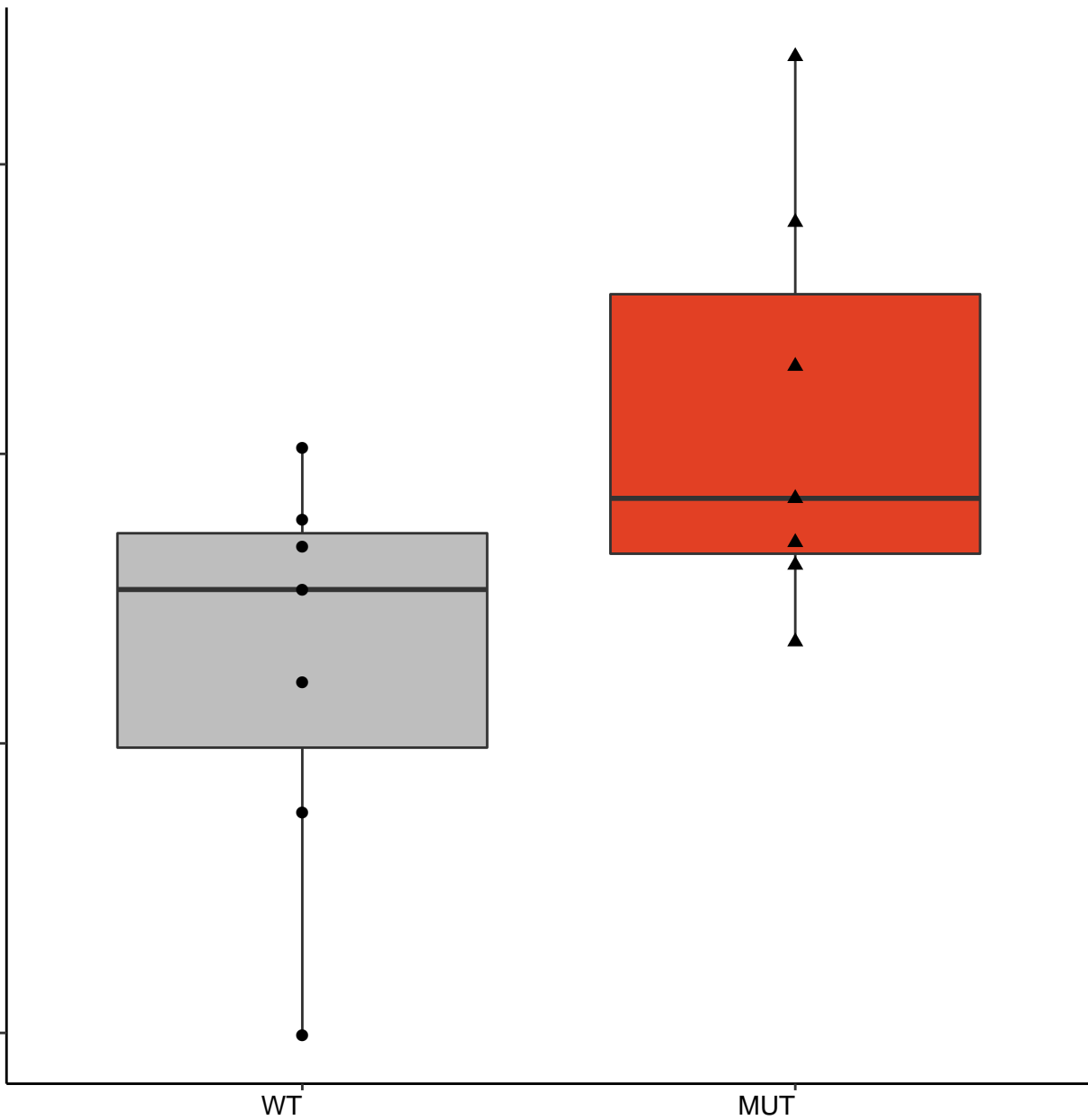
14.04

14.02

WT

Genotype

MUT



M93

Log2(Adjusted Module Intensity)

13.66

13.64

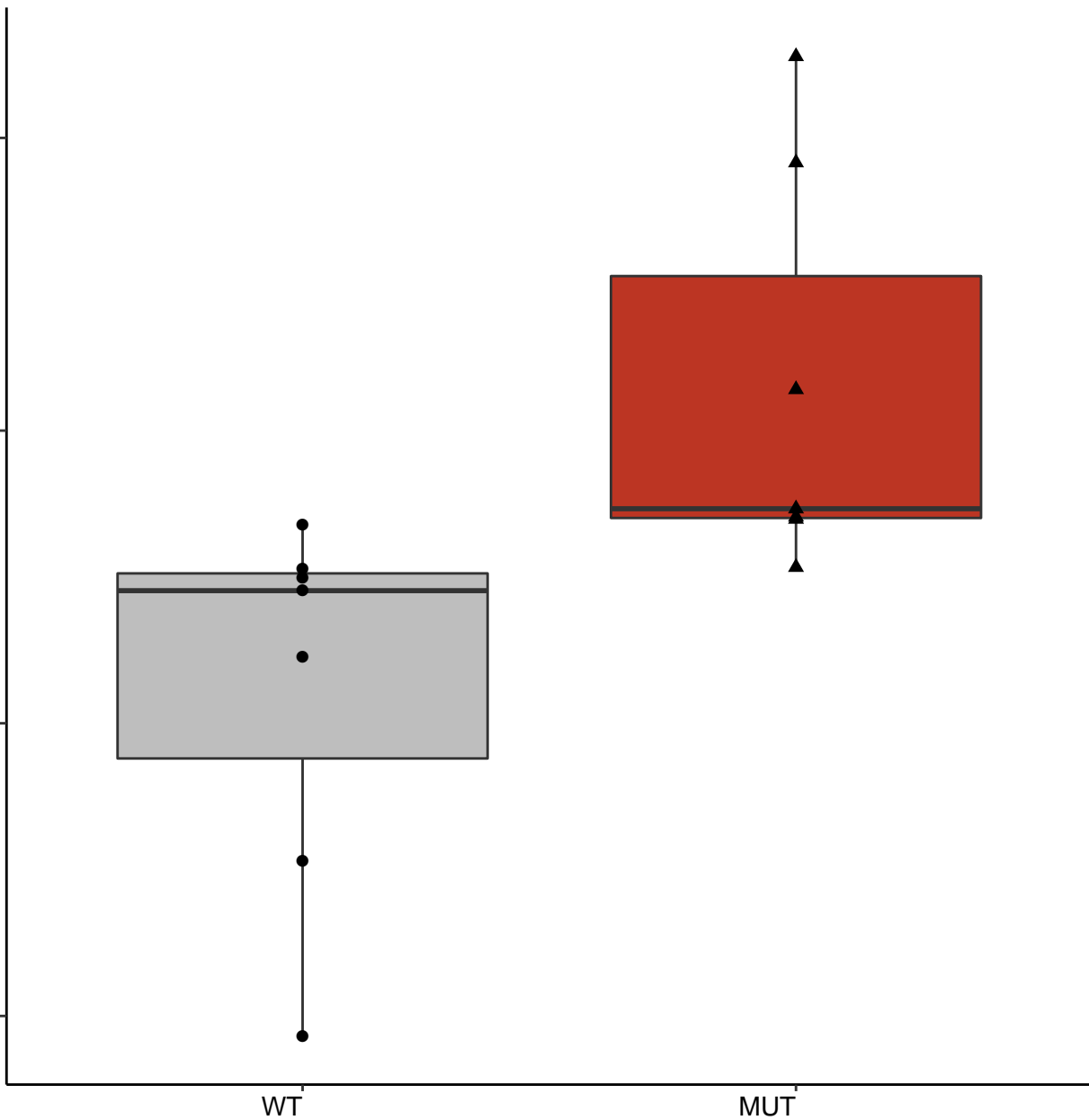
13.62

13.60

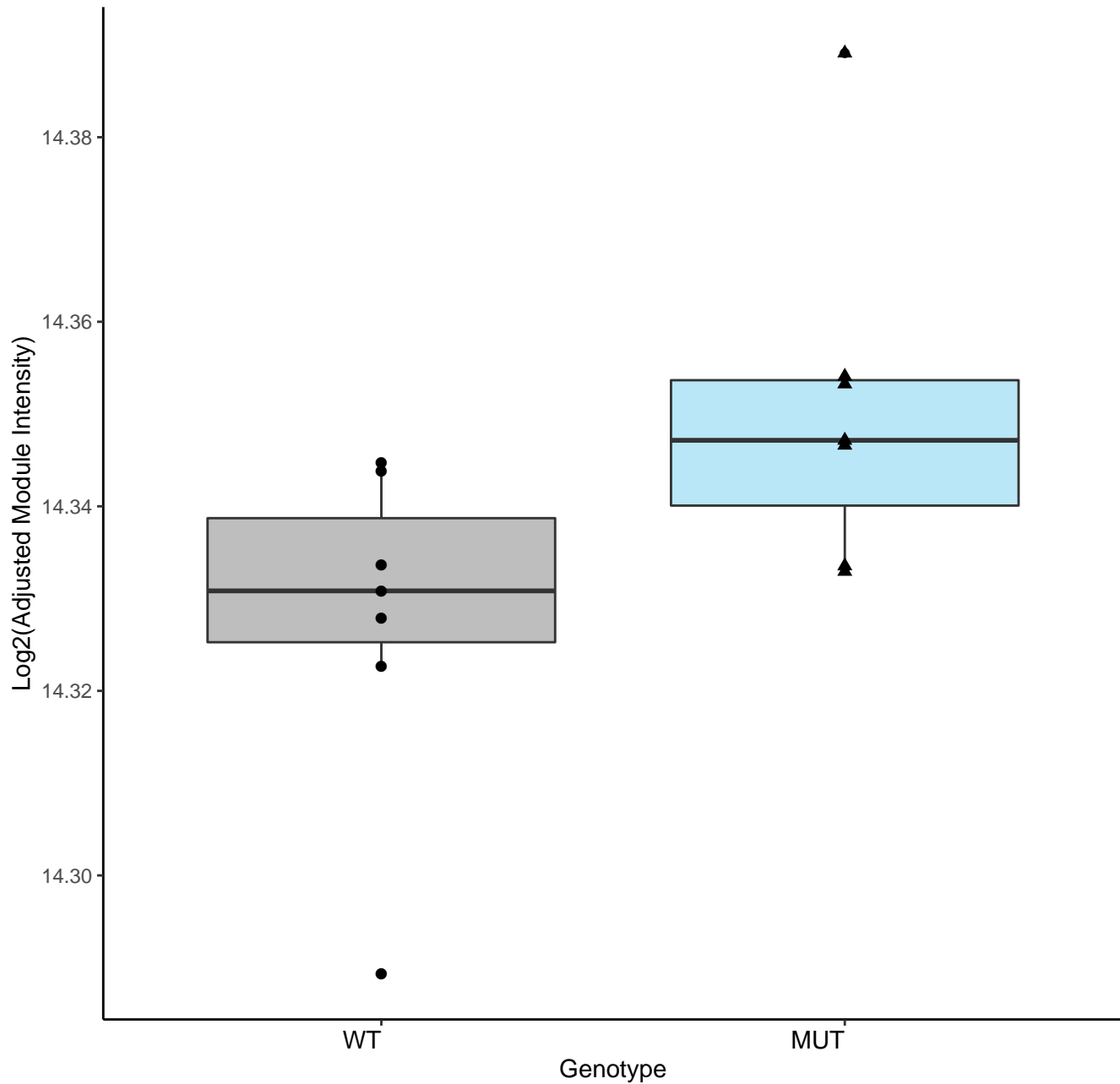
WT

Genotype

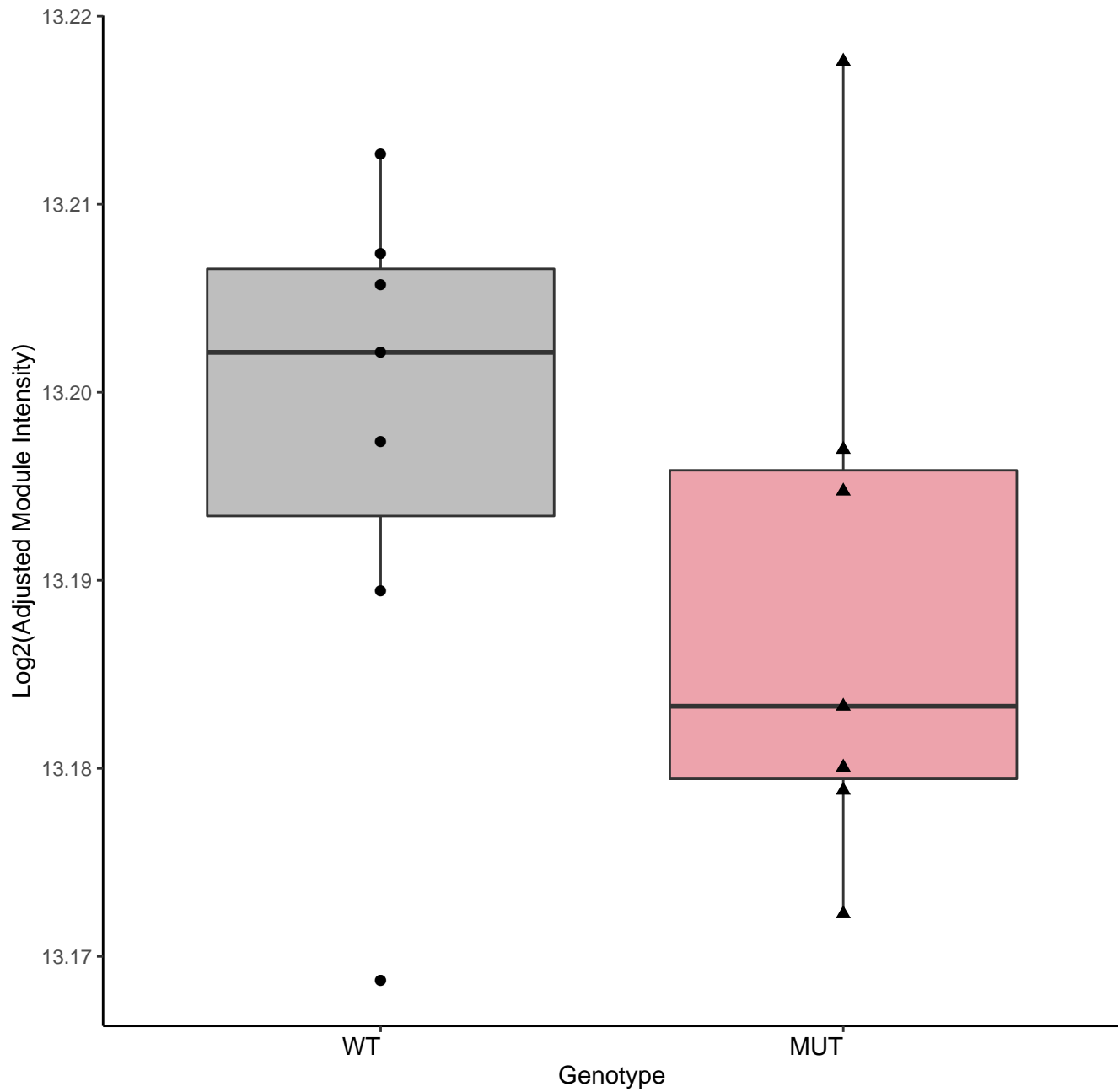
MUT



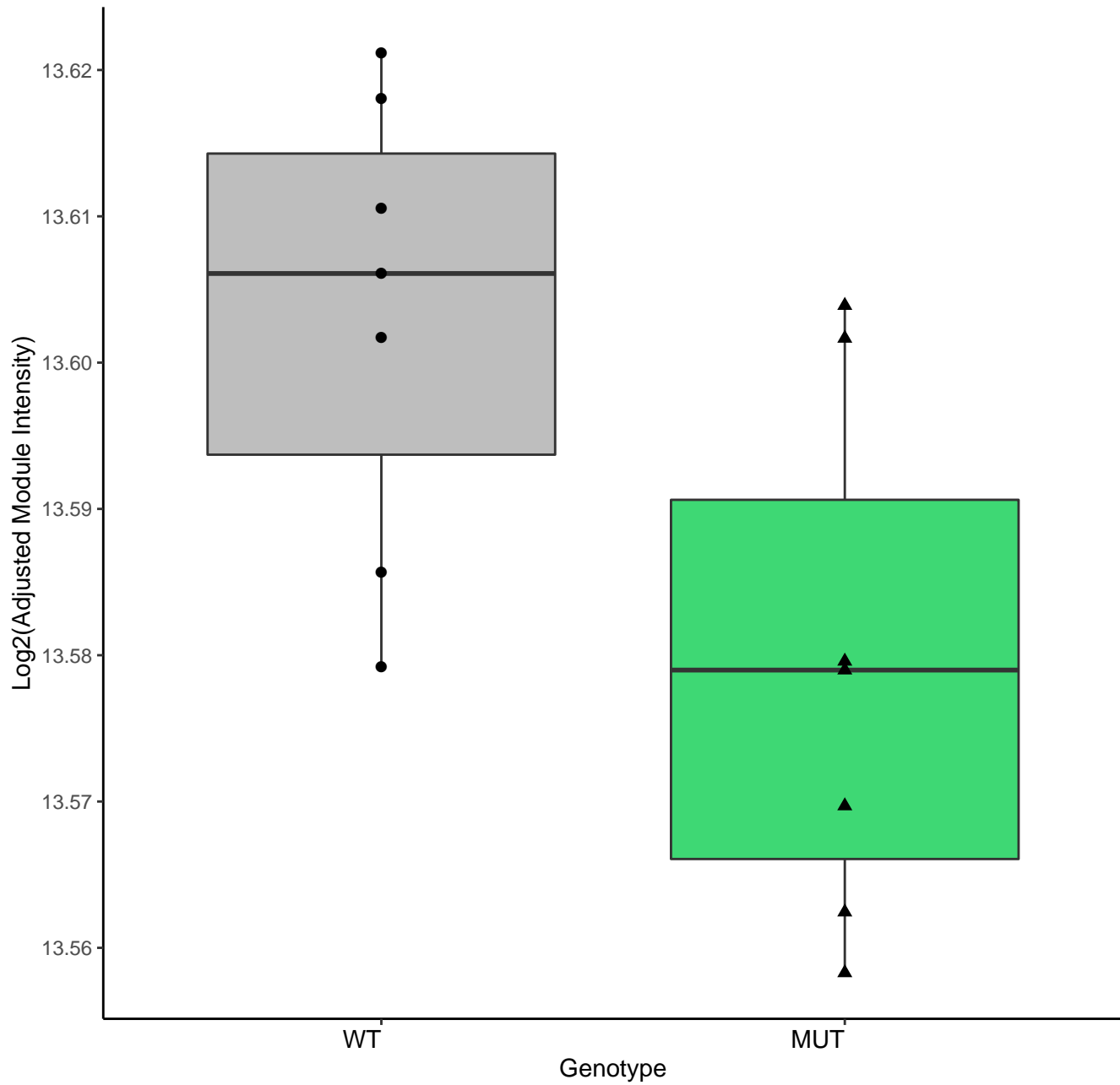
M94

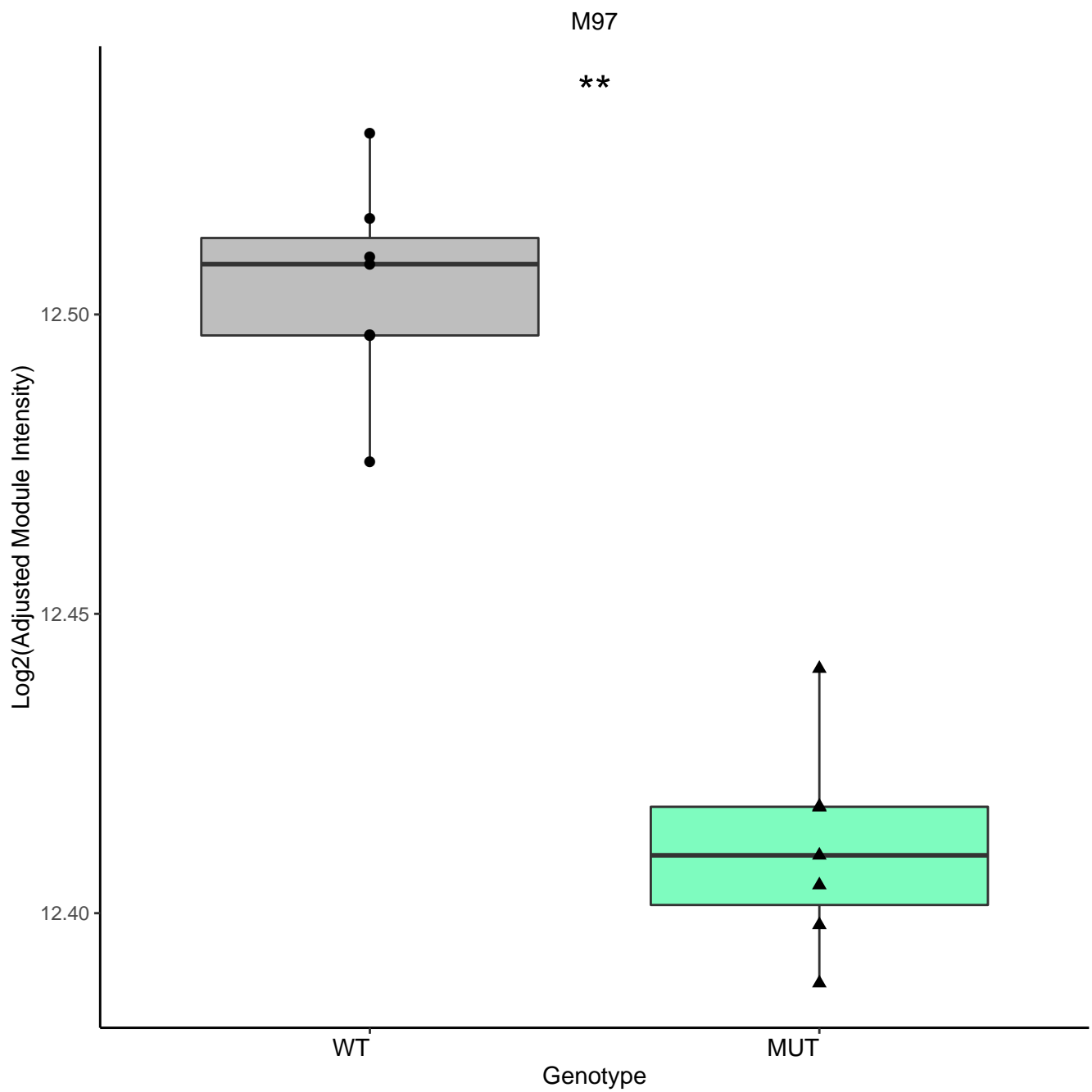


M95

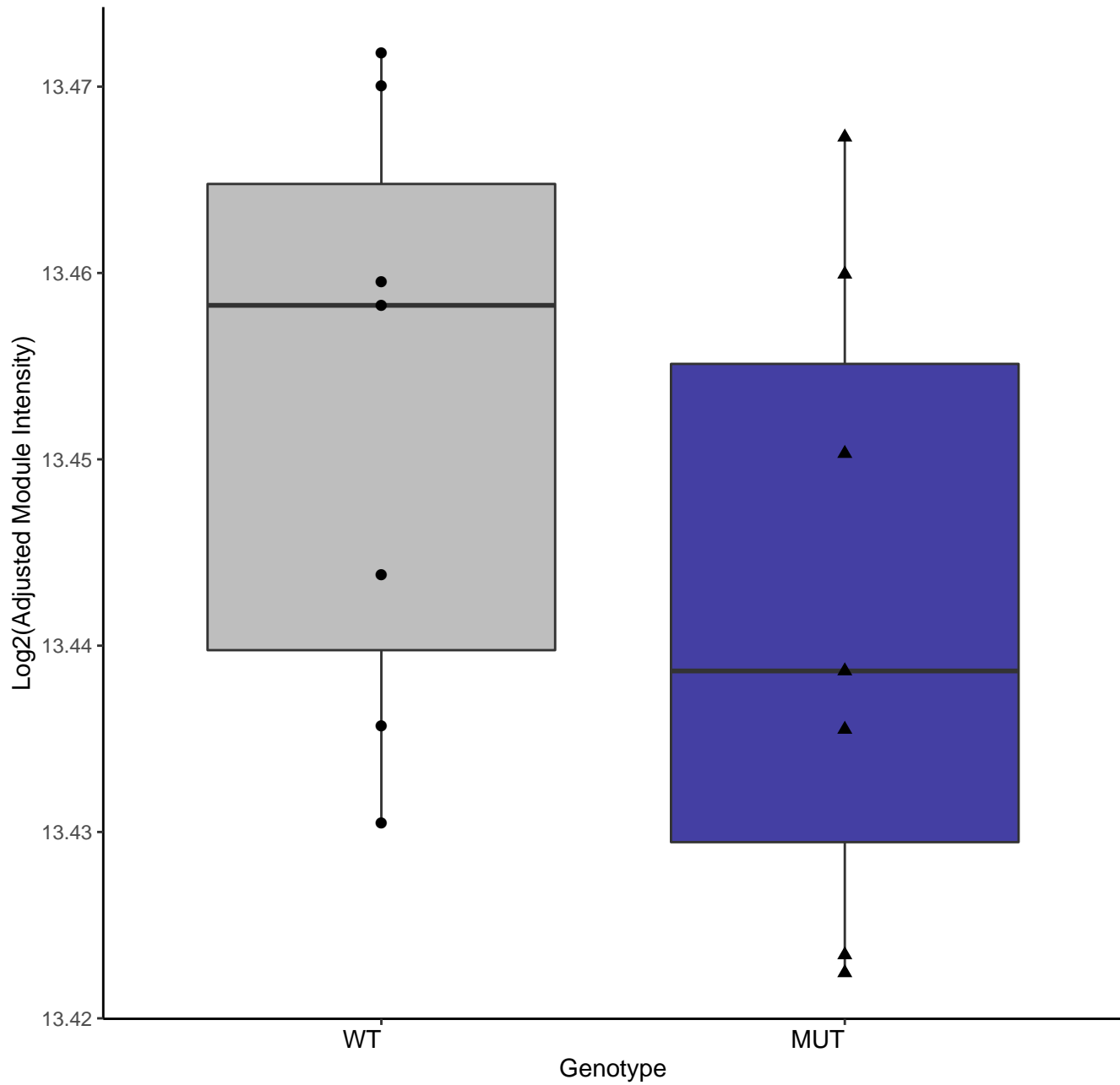


M96

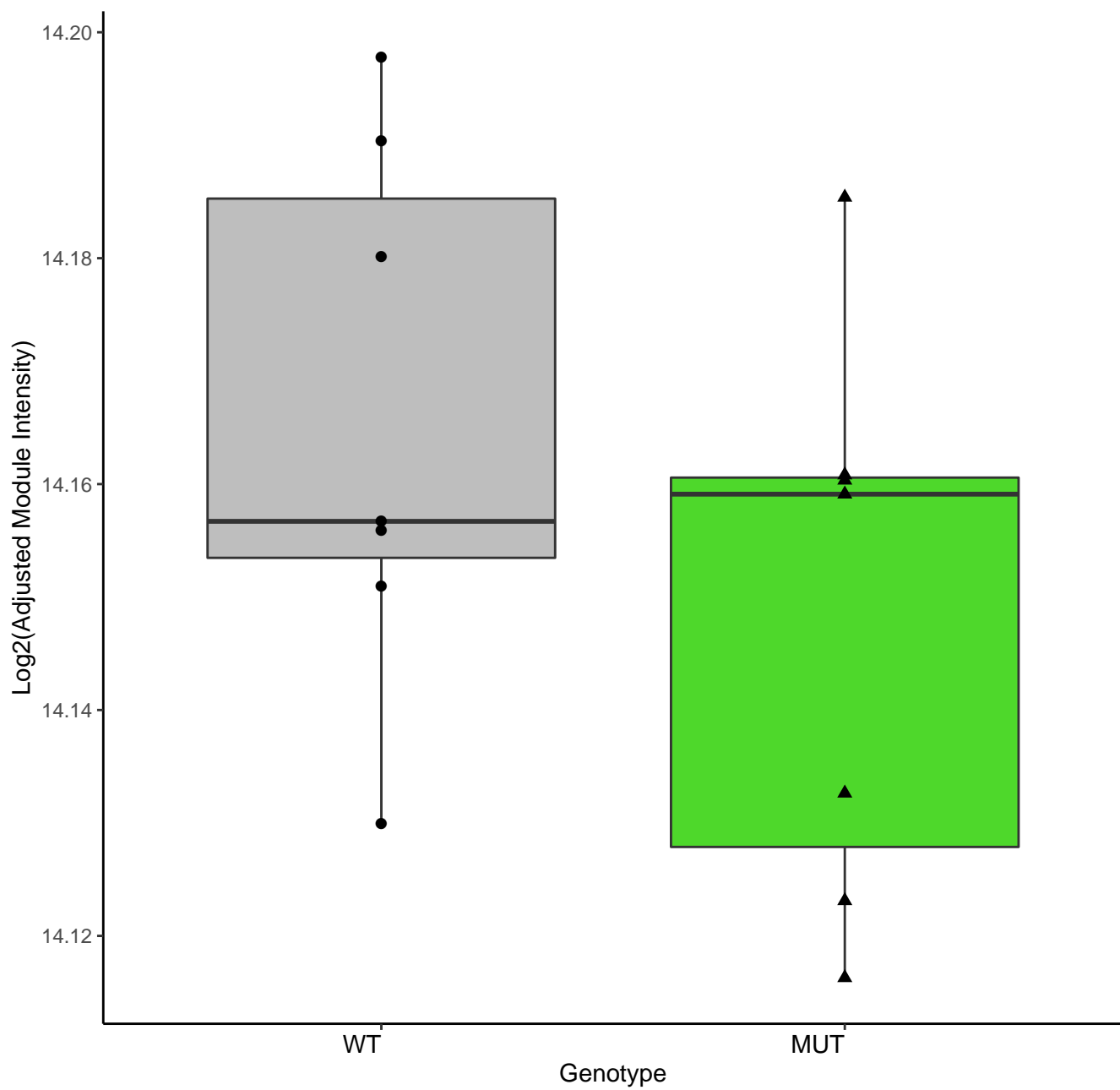




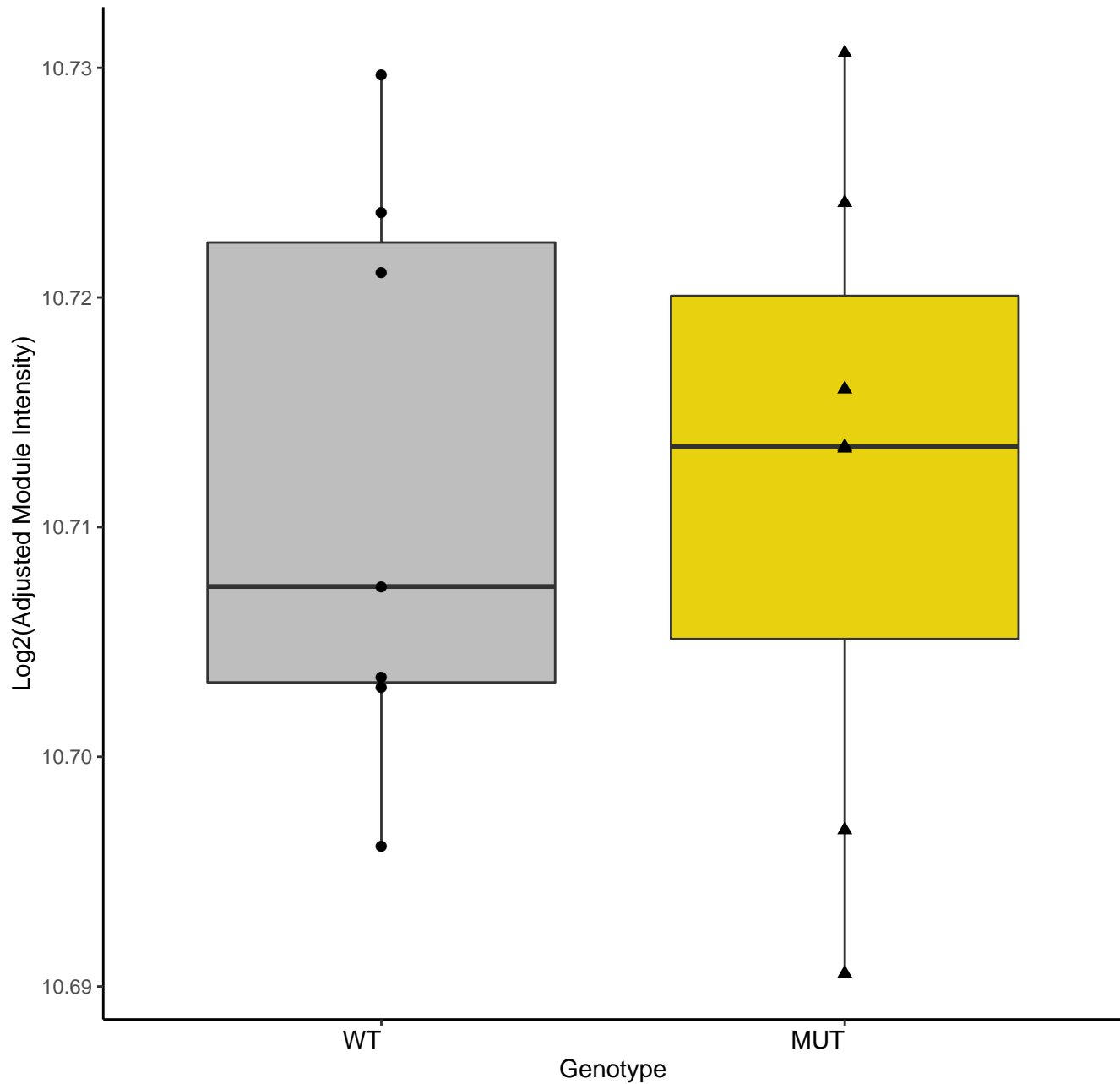
M98



M99



M100



M101

Log2(Adjusted Module Intensity)

13.68

13.67

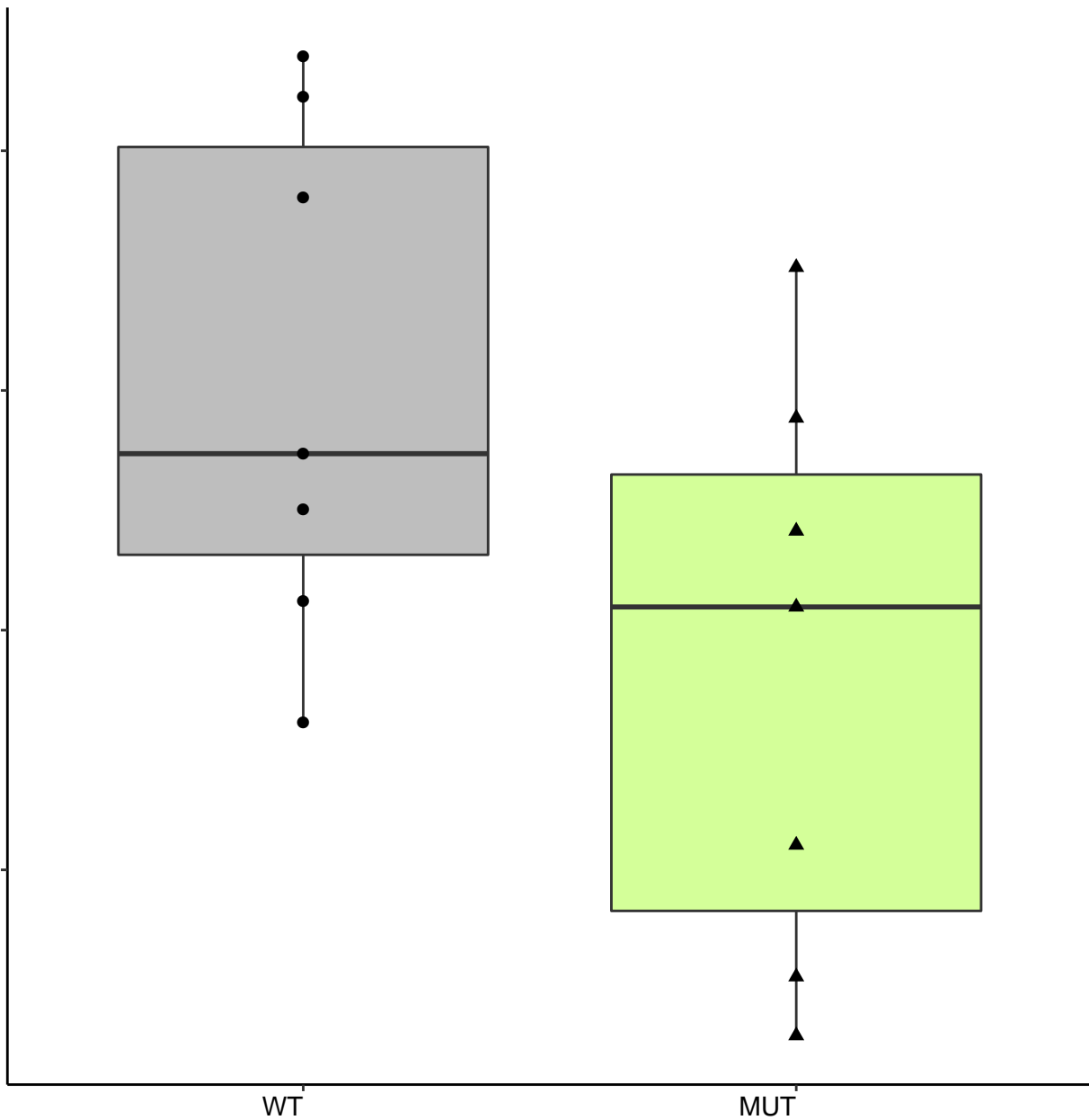
13.66

13.65

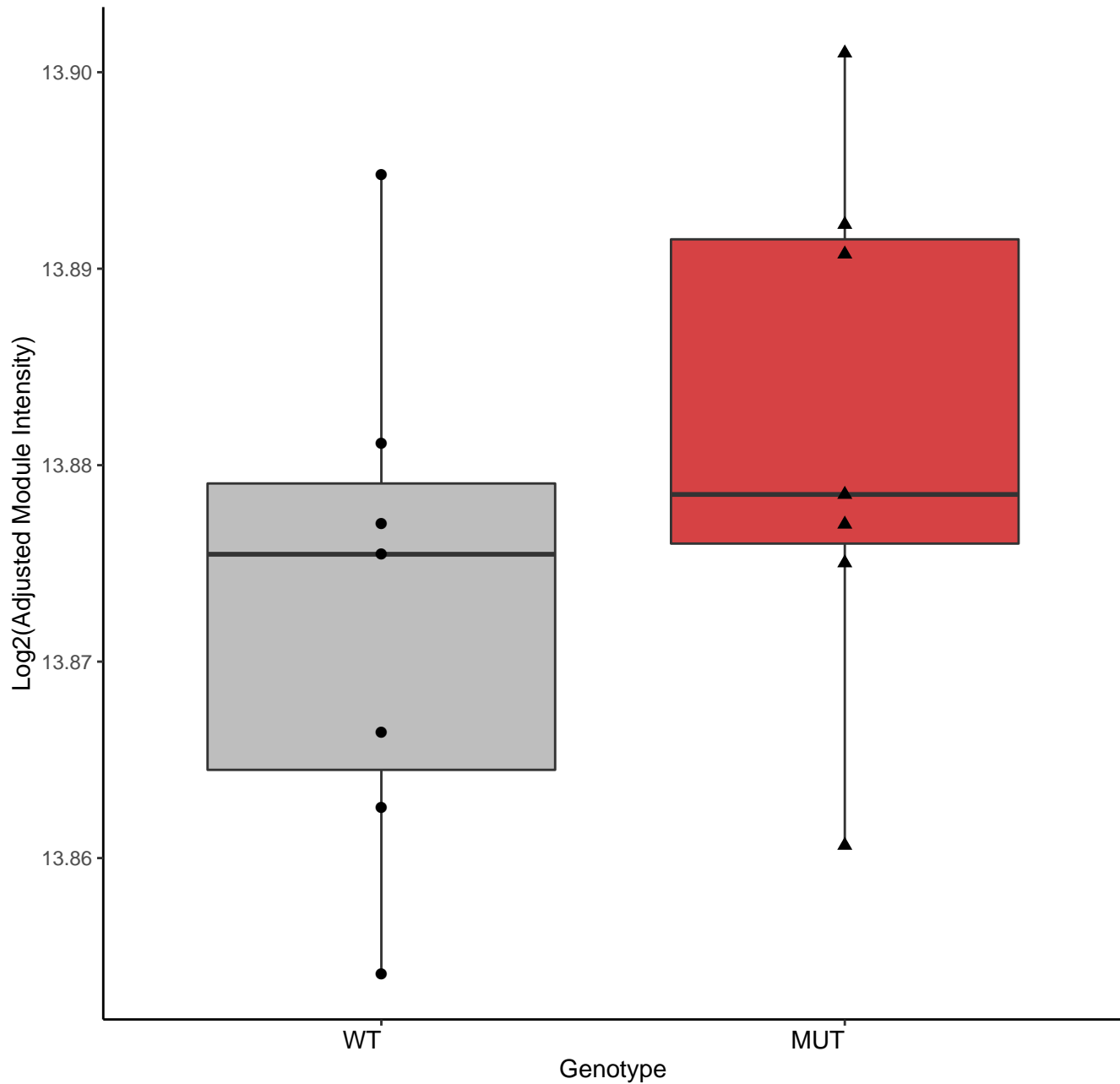
WT

Genotype

MUT

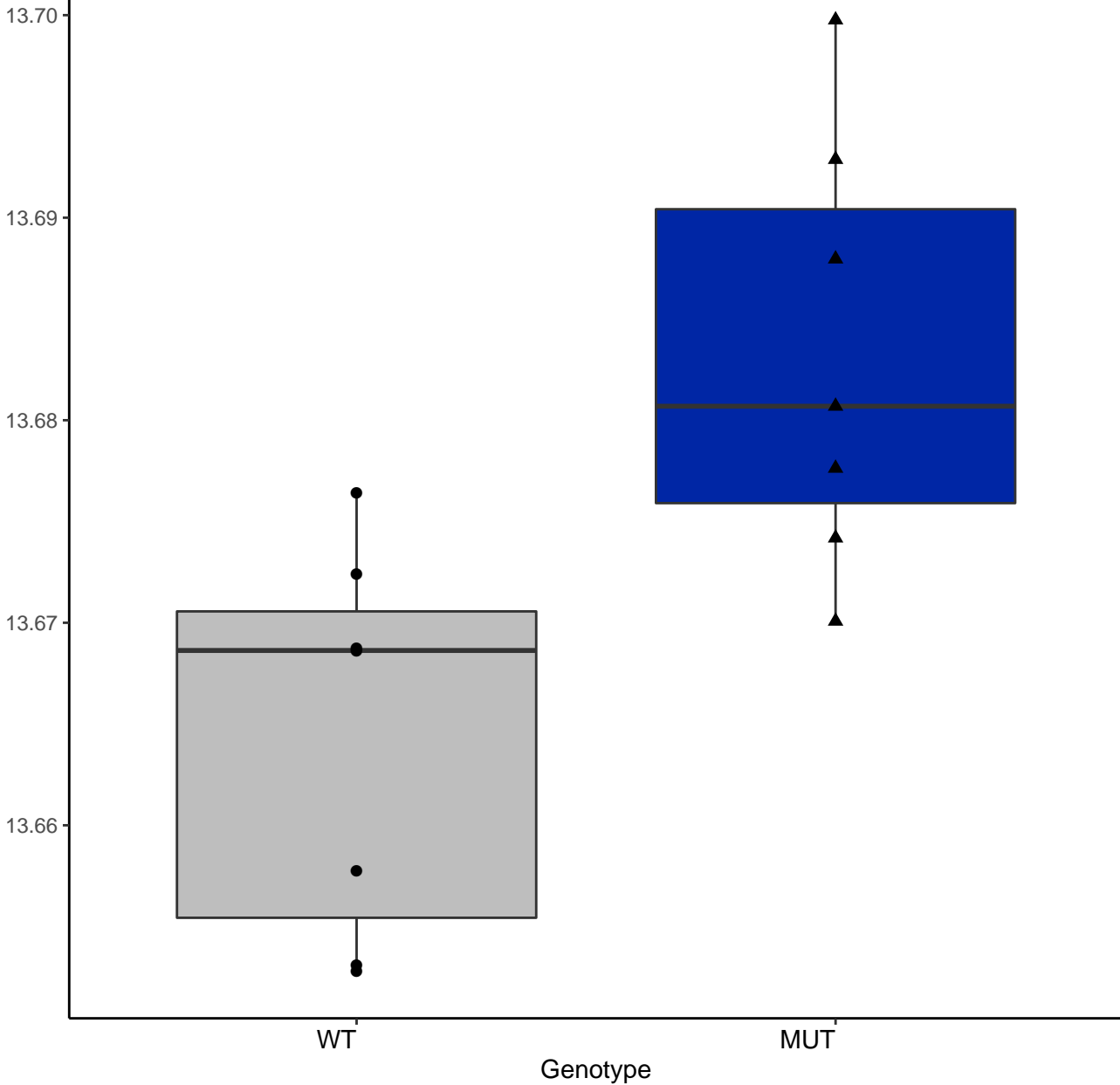


M102



M103

Log2(Adjusted Module Intensity)



M104

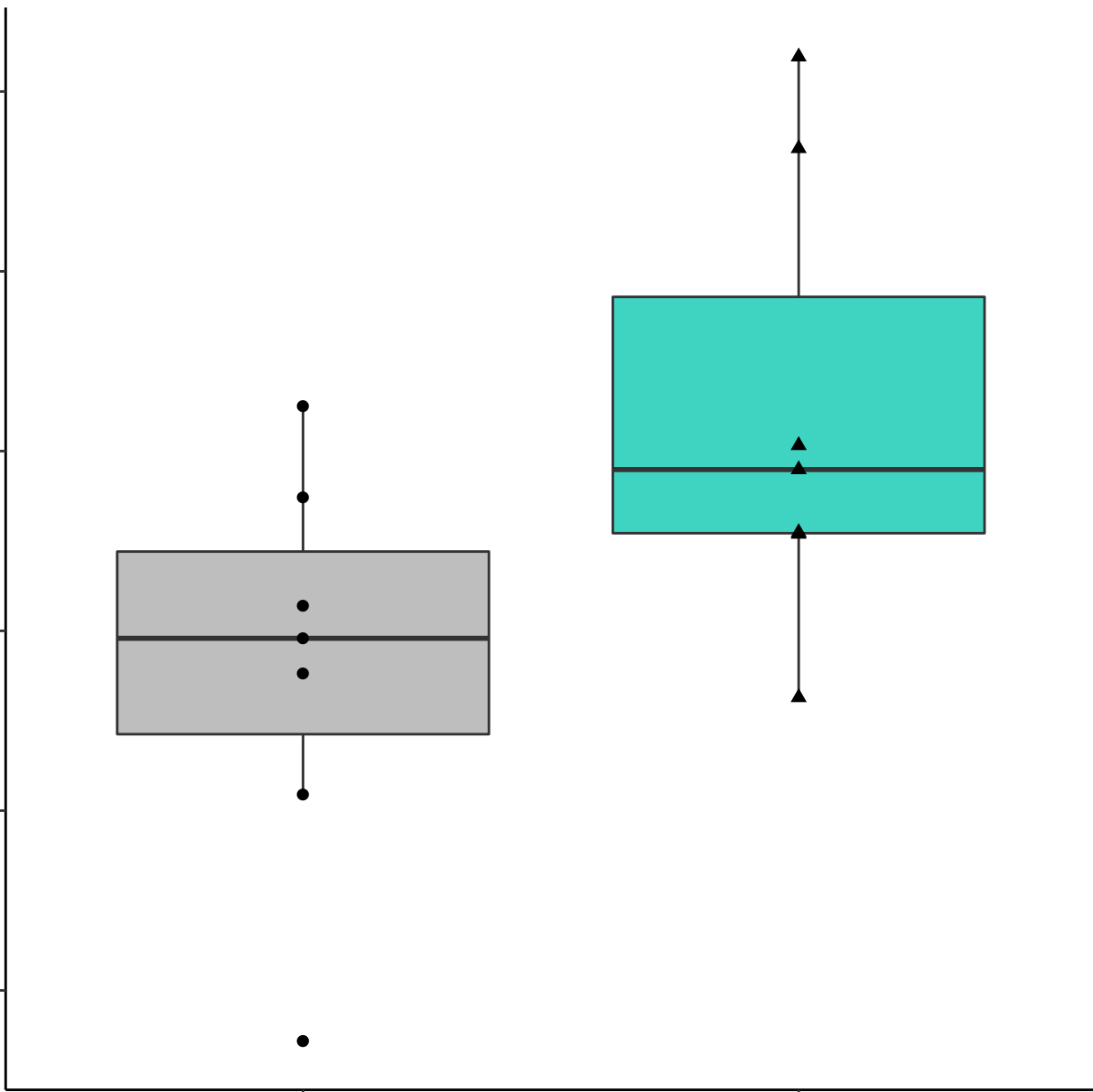
Log2(Adjusted Module Intensity)

13.07
13.06
13.05
13.04
13.03
13.02

WT

Genotype

MUT



M105

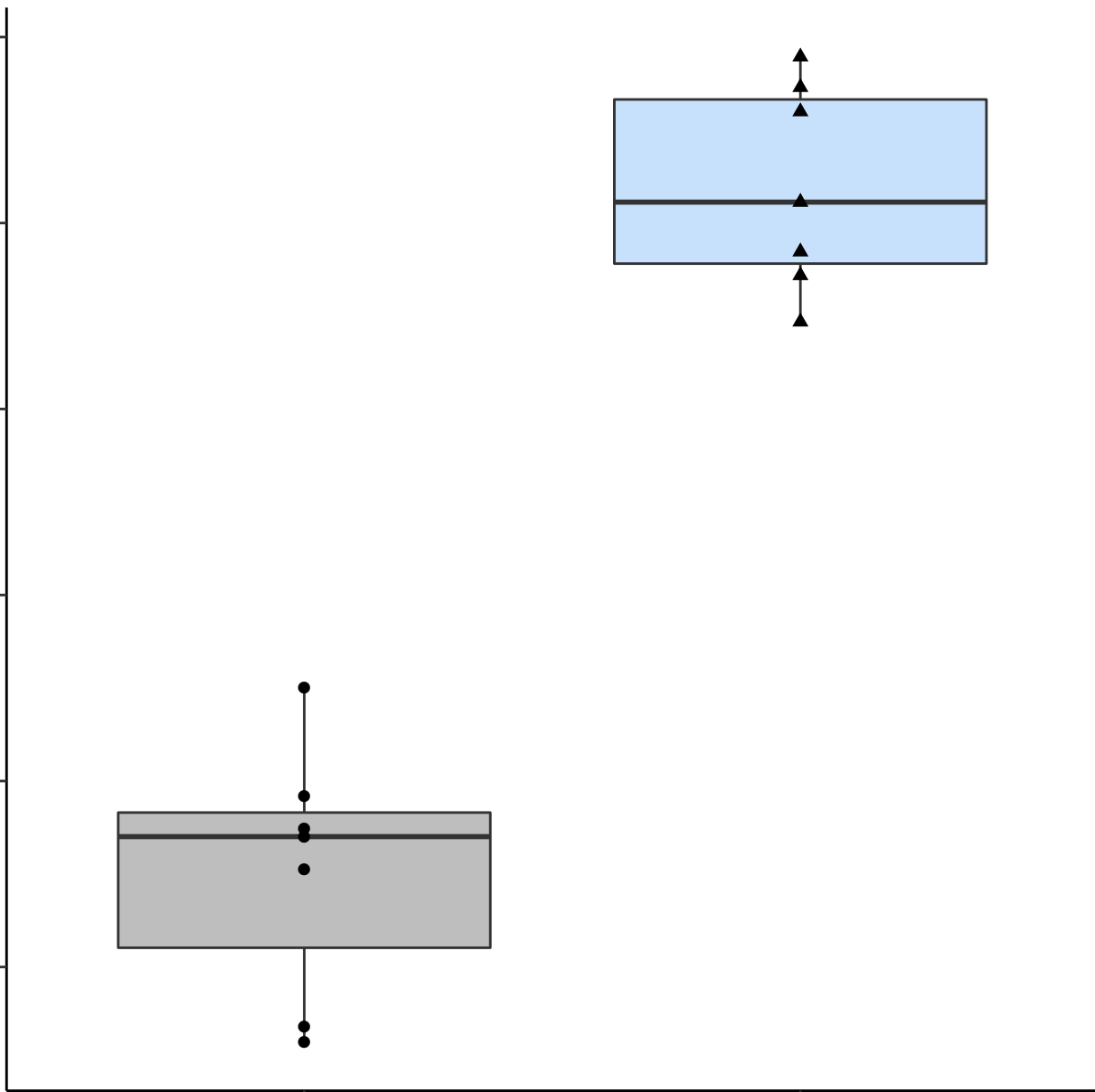
Log2(Adjusted Module Intensity)

14.17
14.16
14.15
14.14
14.13
14.12

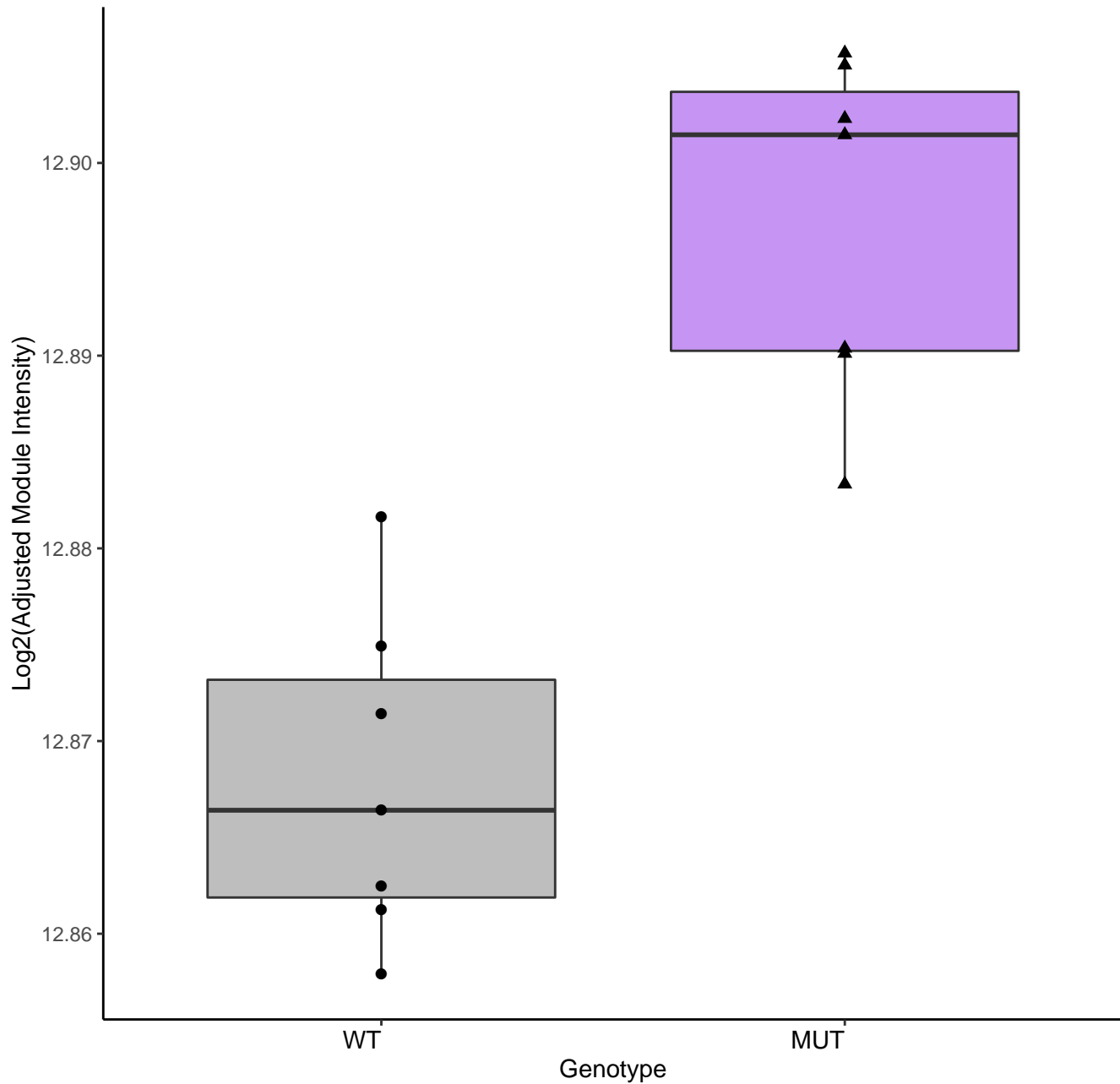
WT

MUT

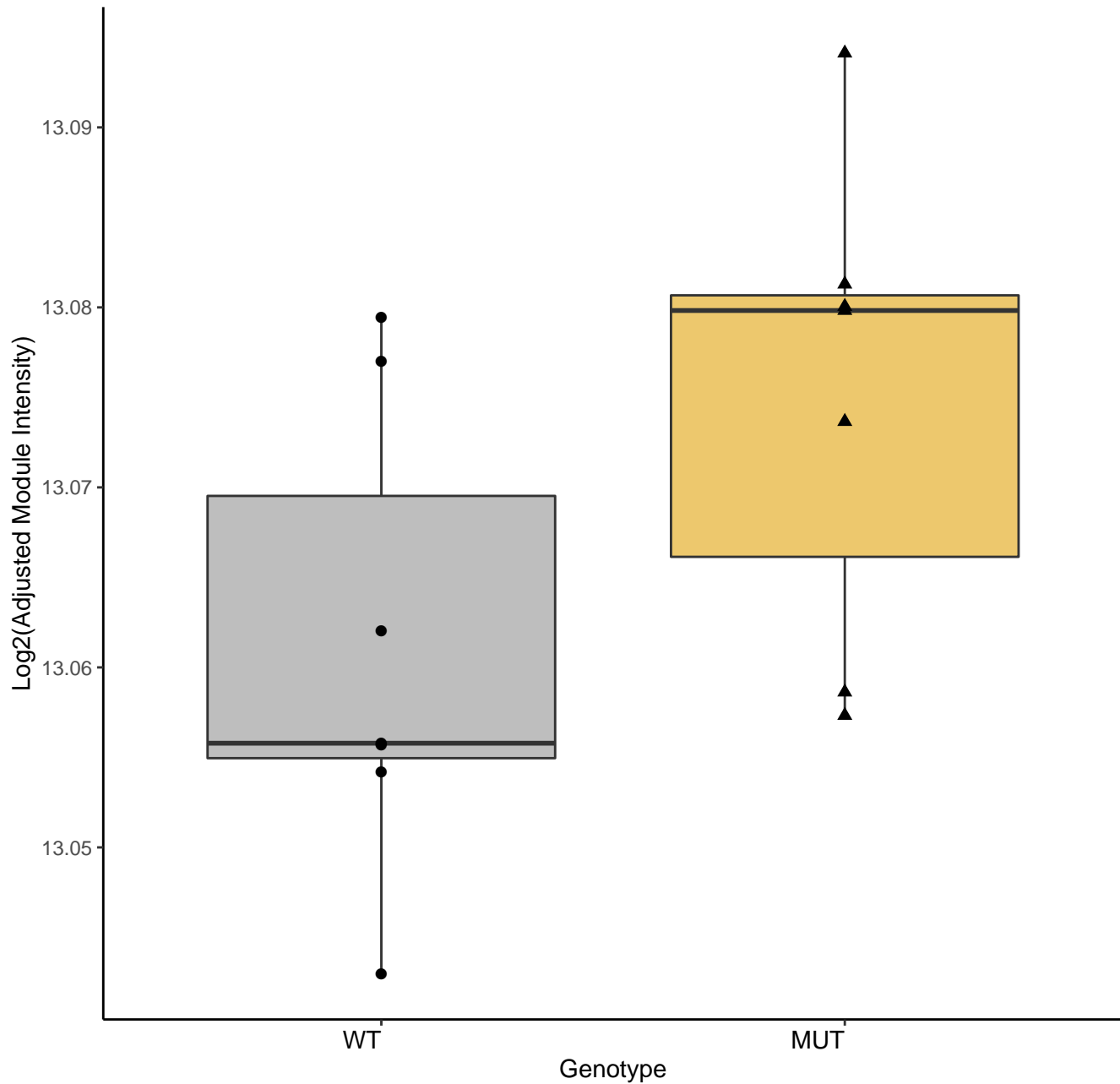
Genotype



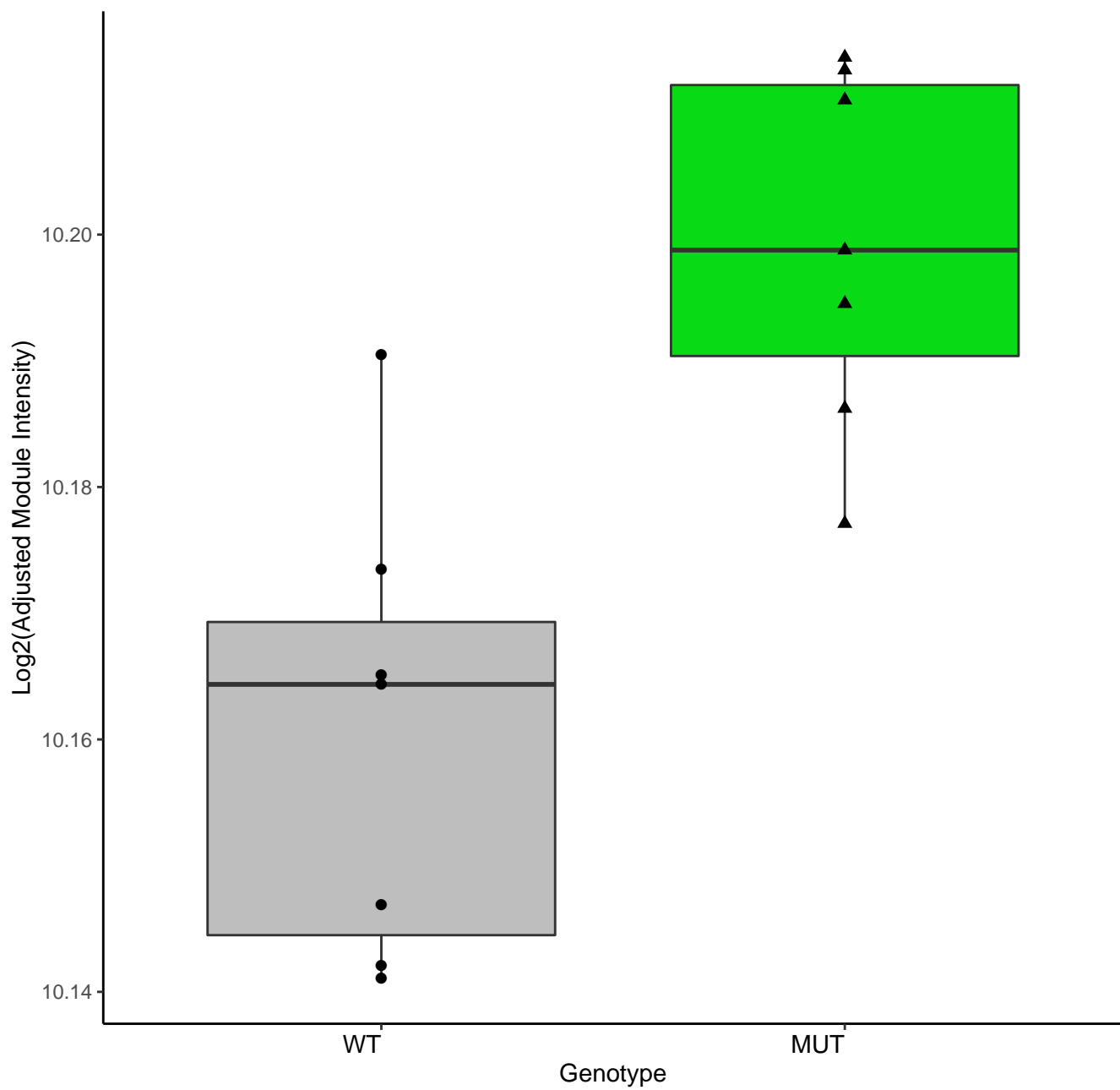
M106



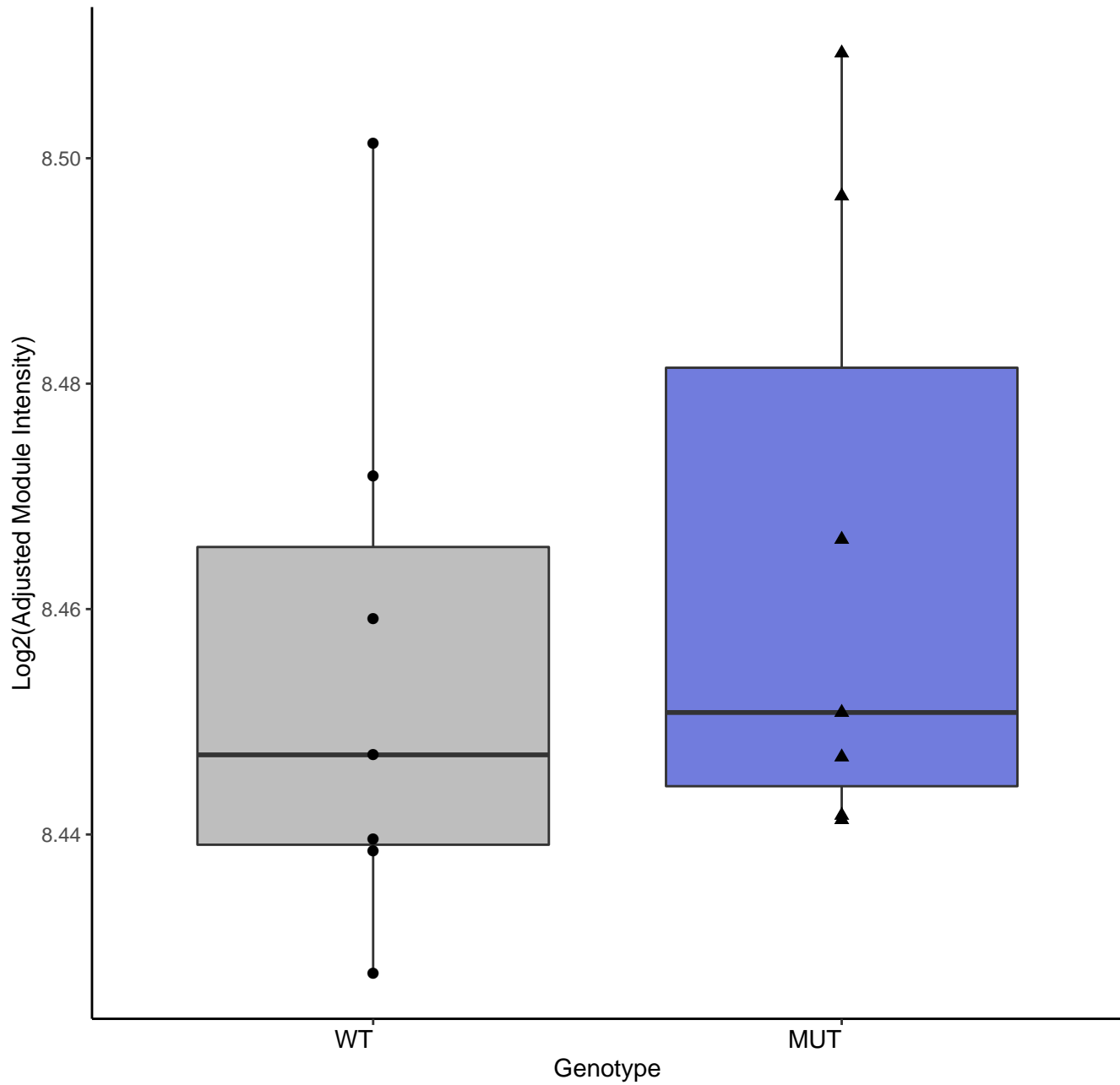
M107

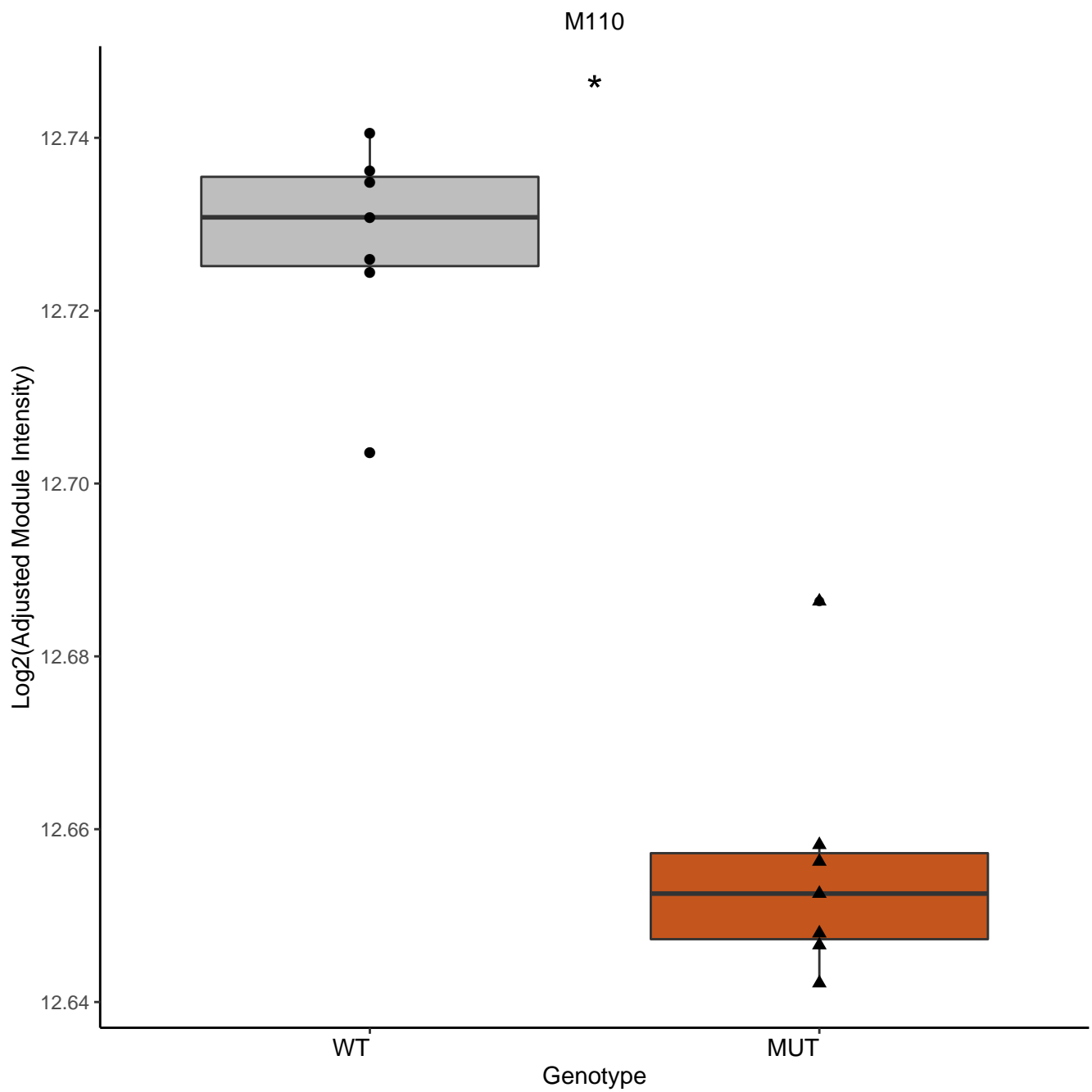


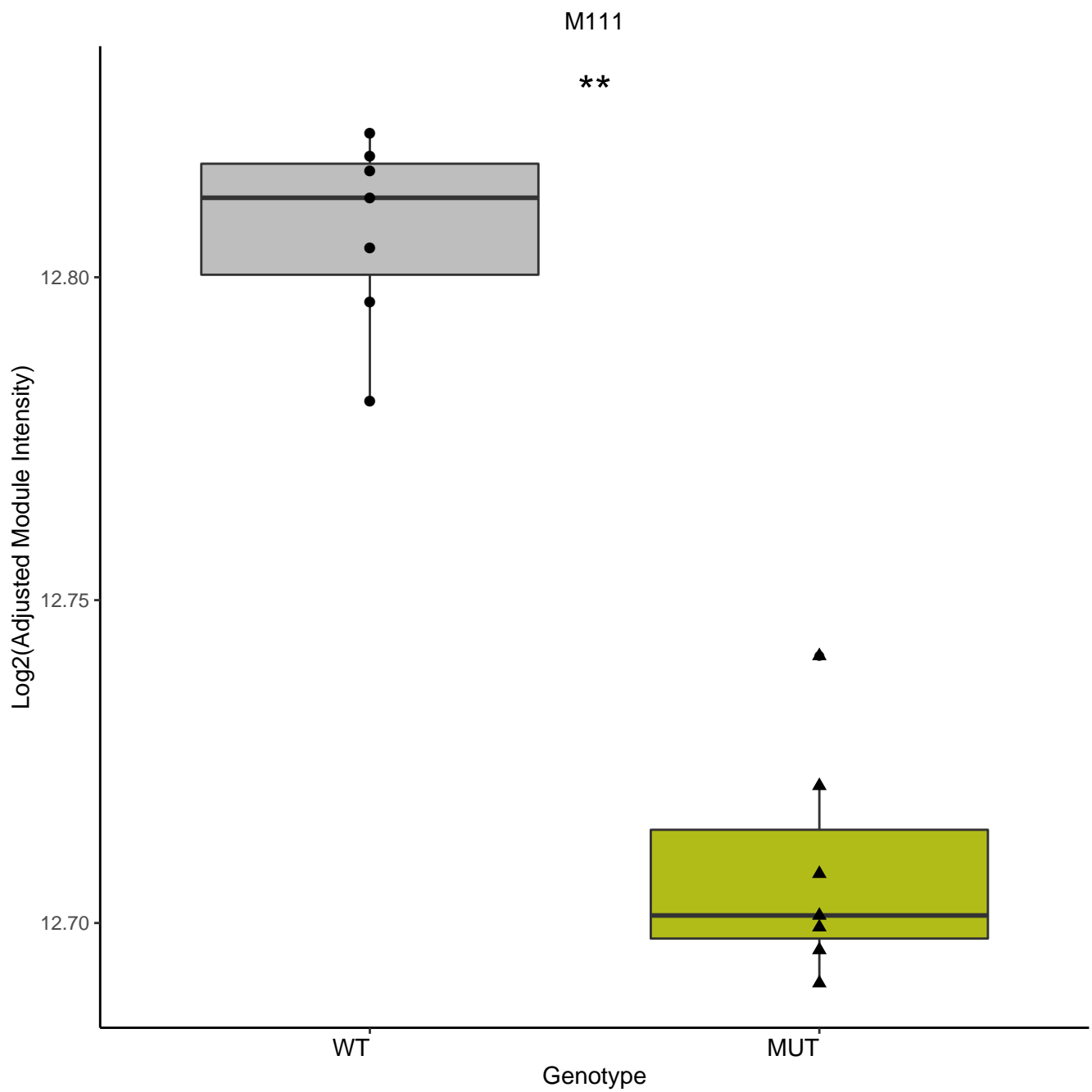
M108



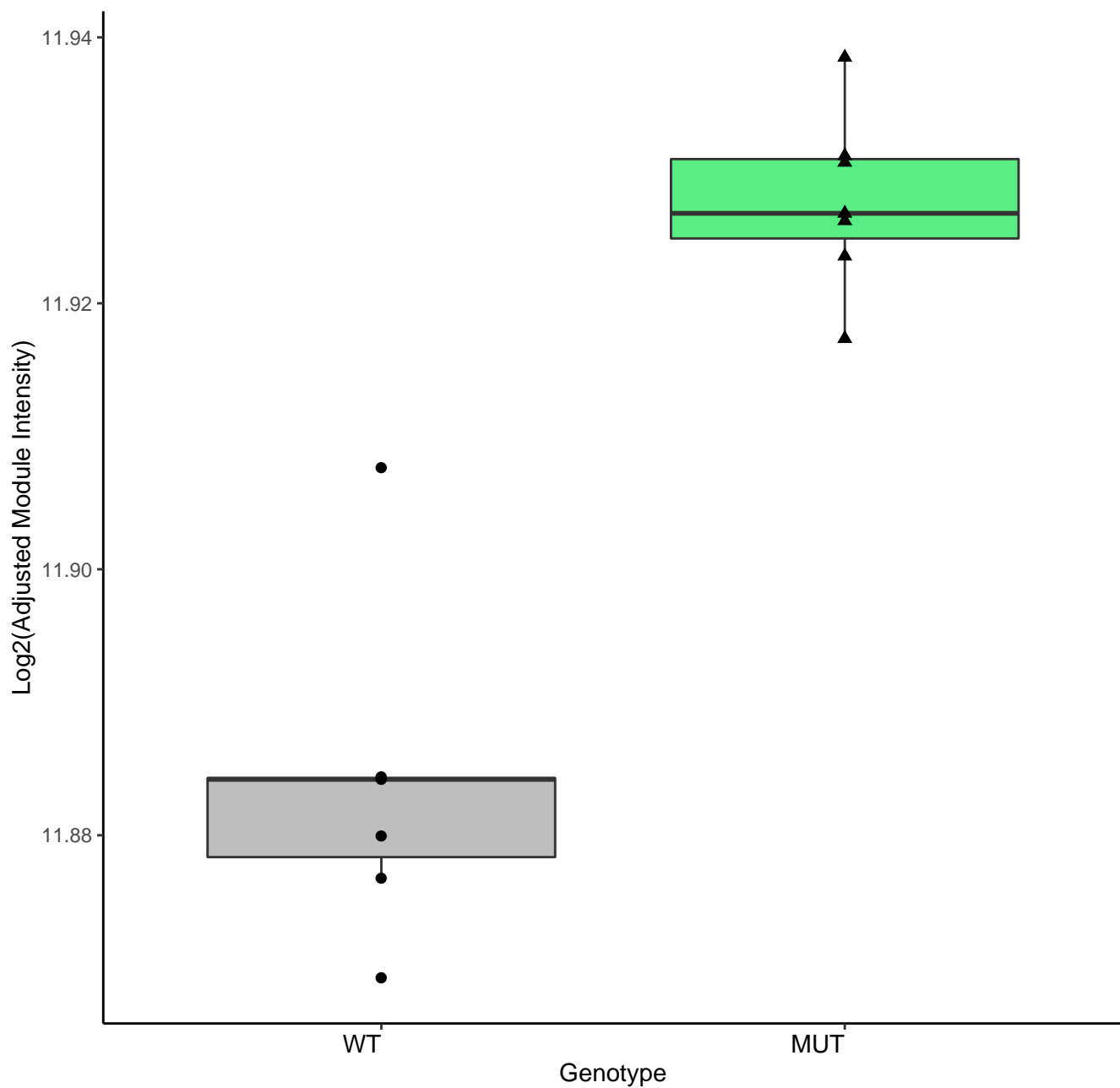
M109







M112



M113

Log2(Adjusted Module Intensity)

13.25

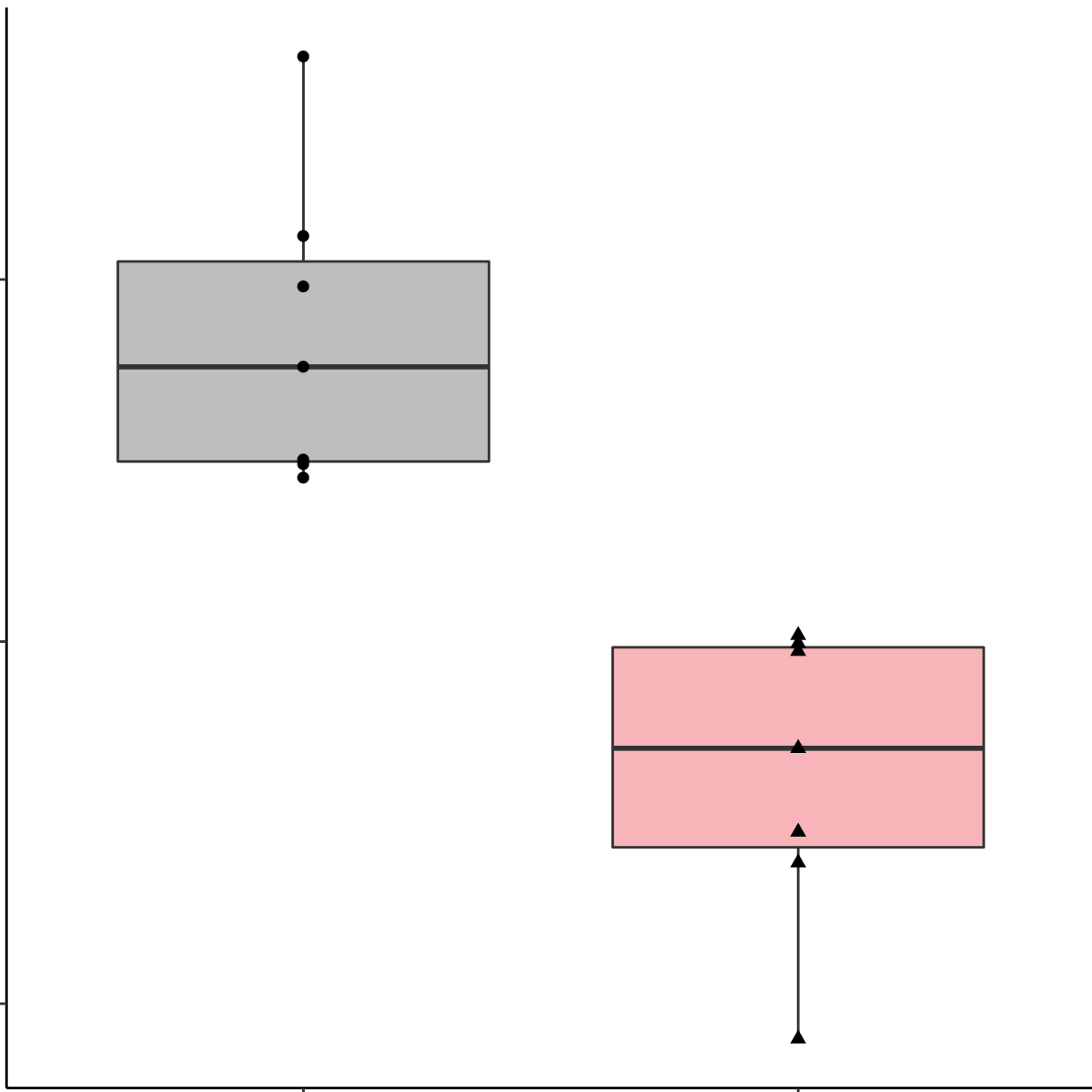
13.20

13.15

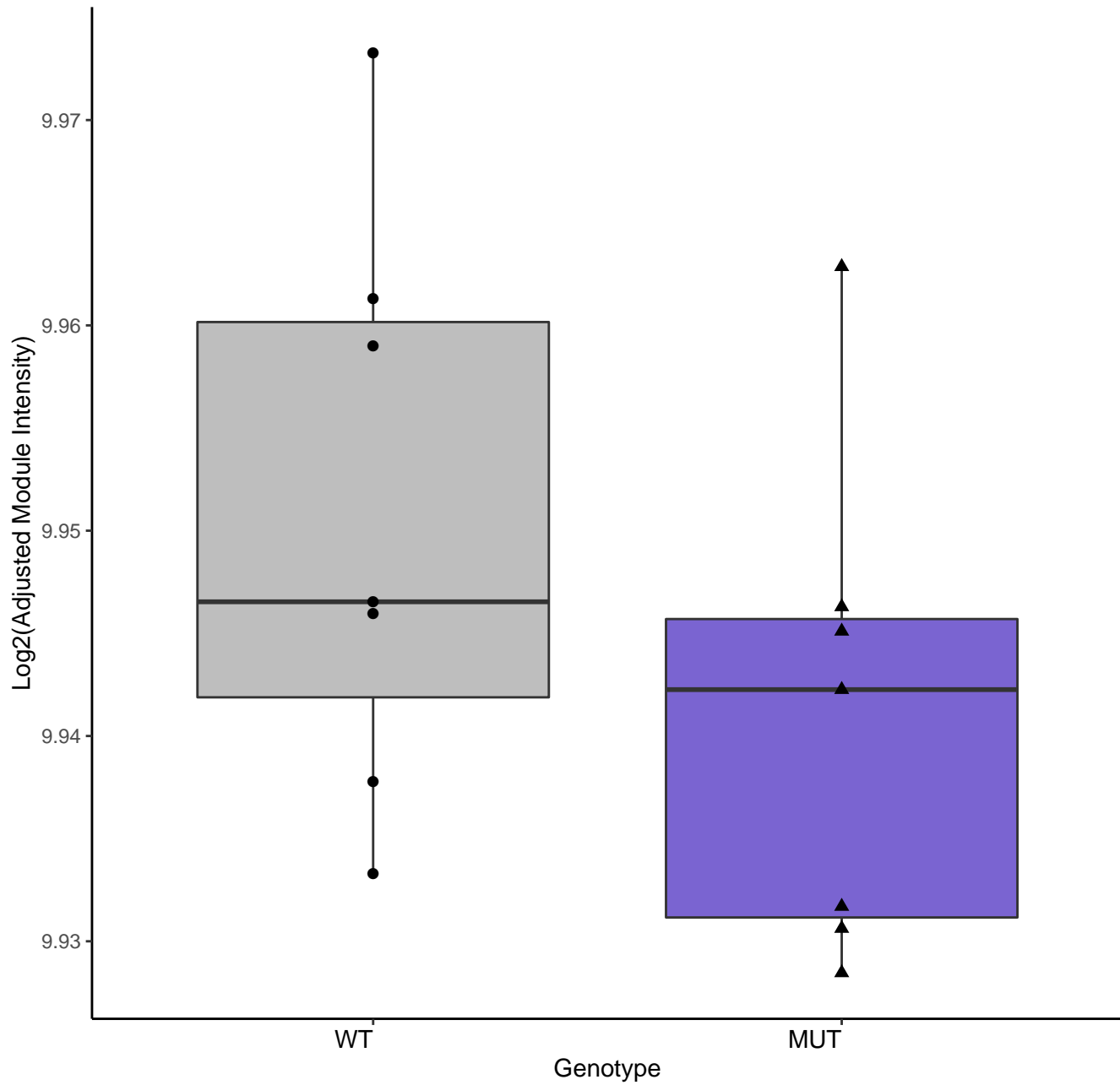
WT

Genotype

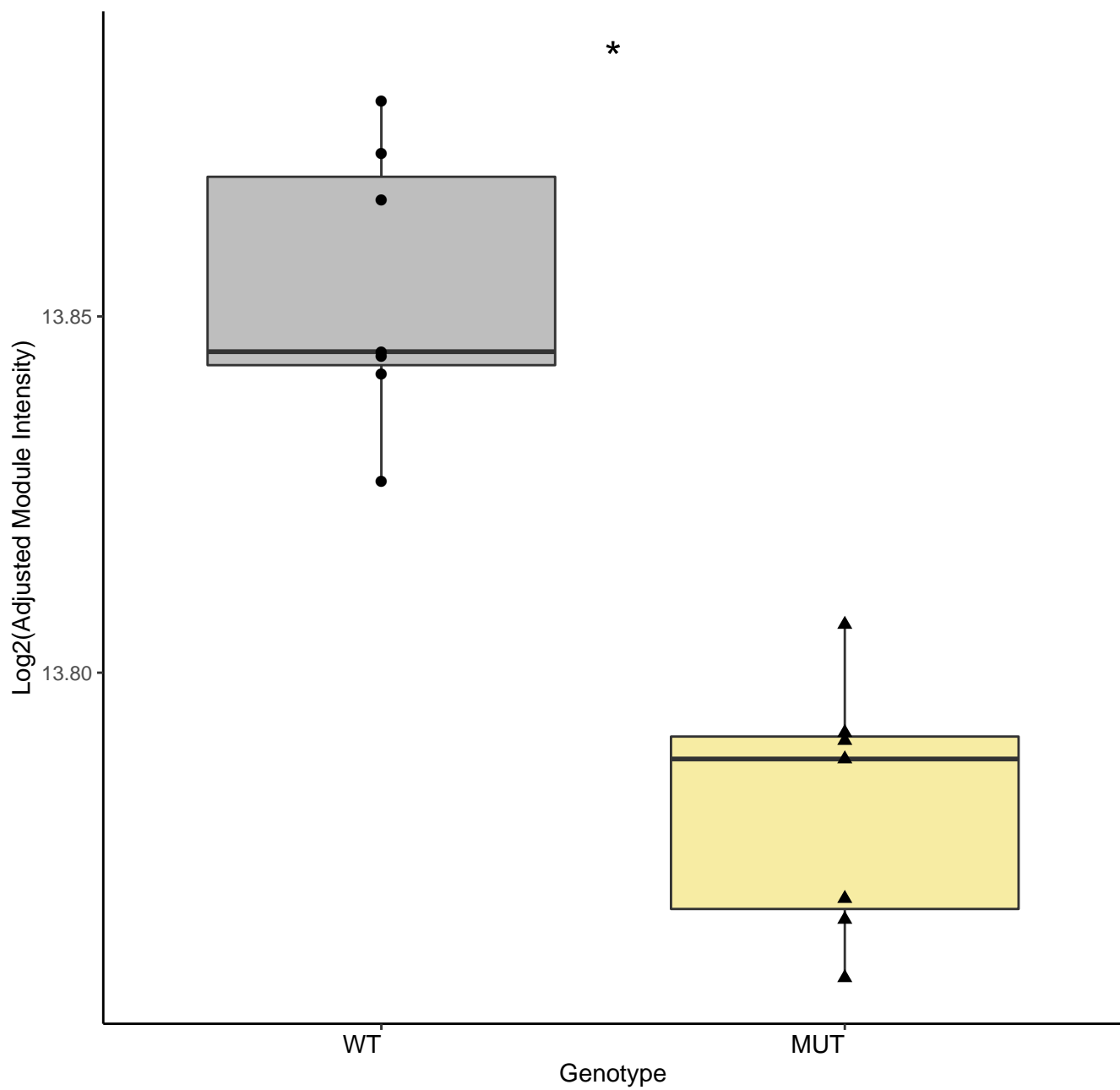
MUT



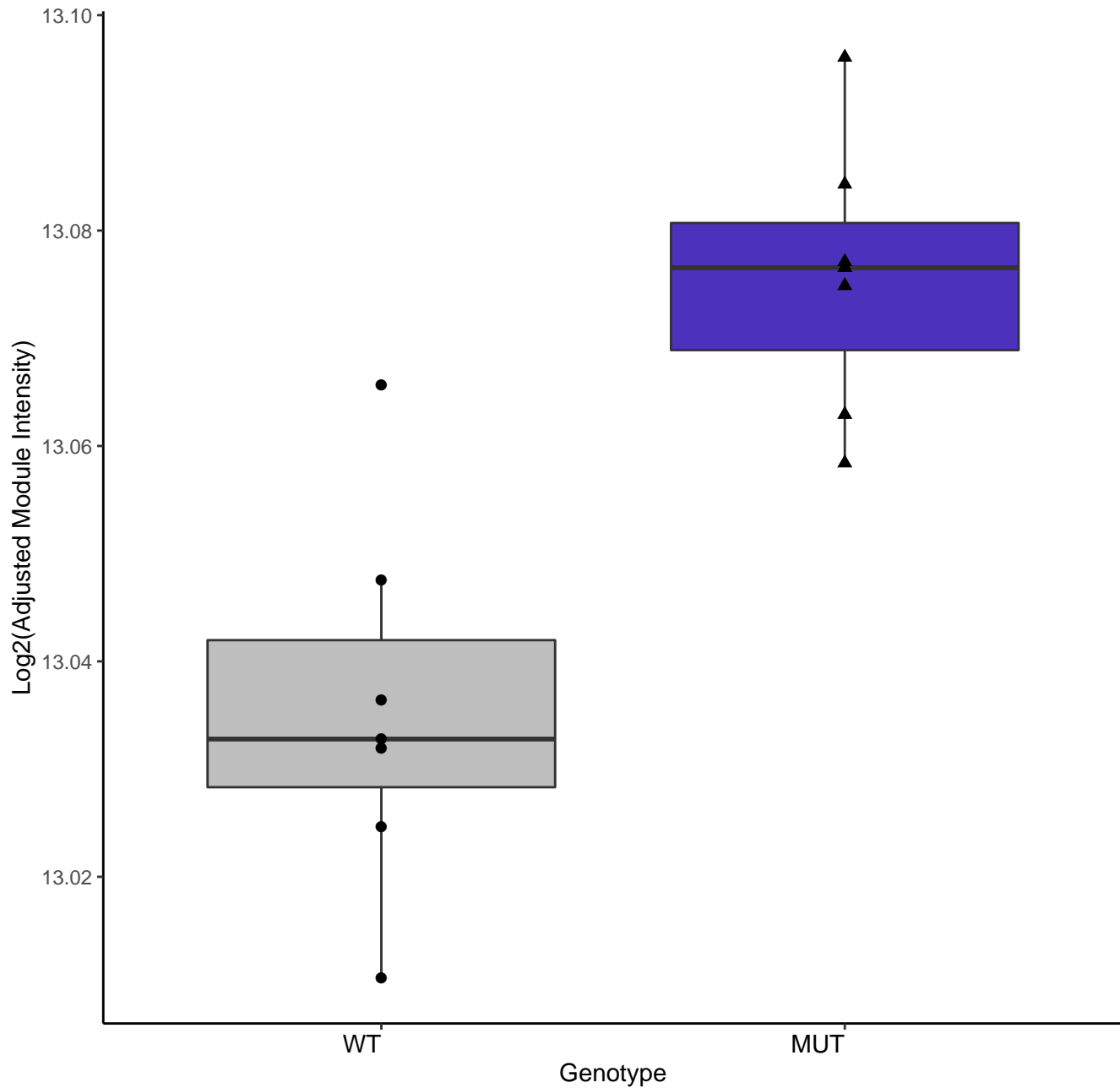
M114



M115



M116



M117

Log2(Adjusted Module Intensity)

11.92

11.90

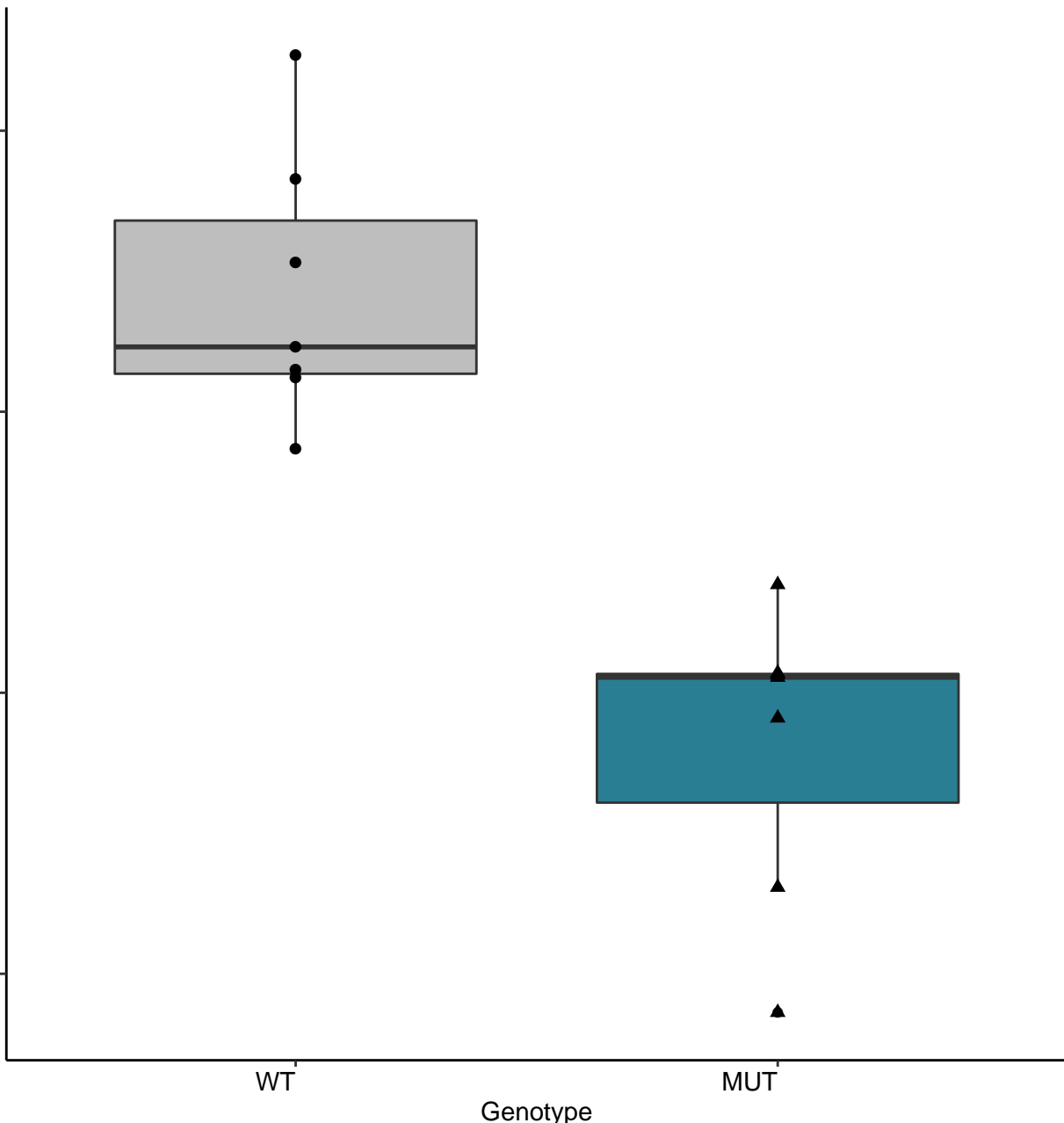
11.88

11.86

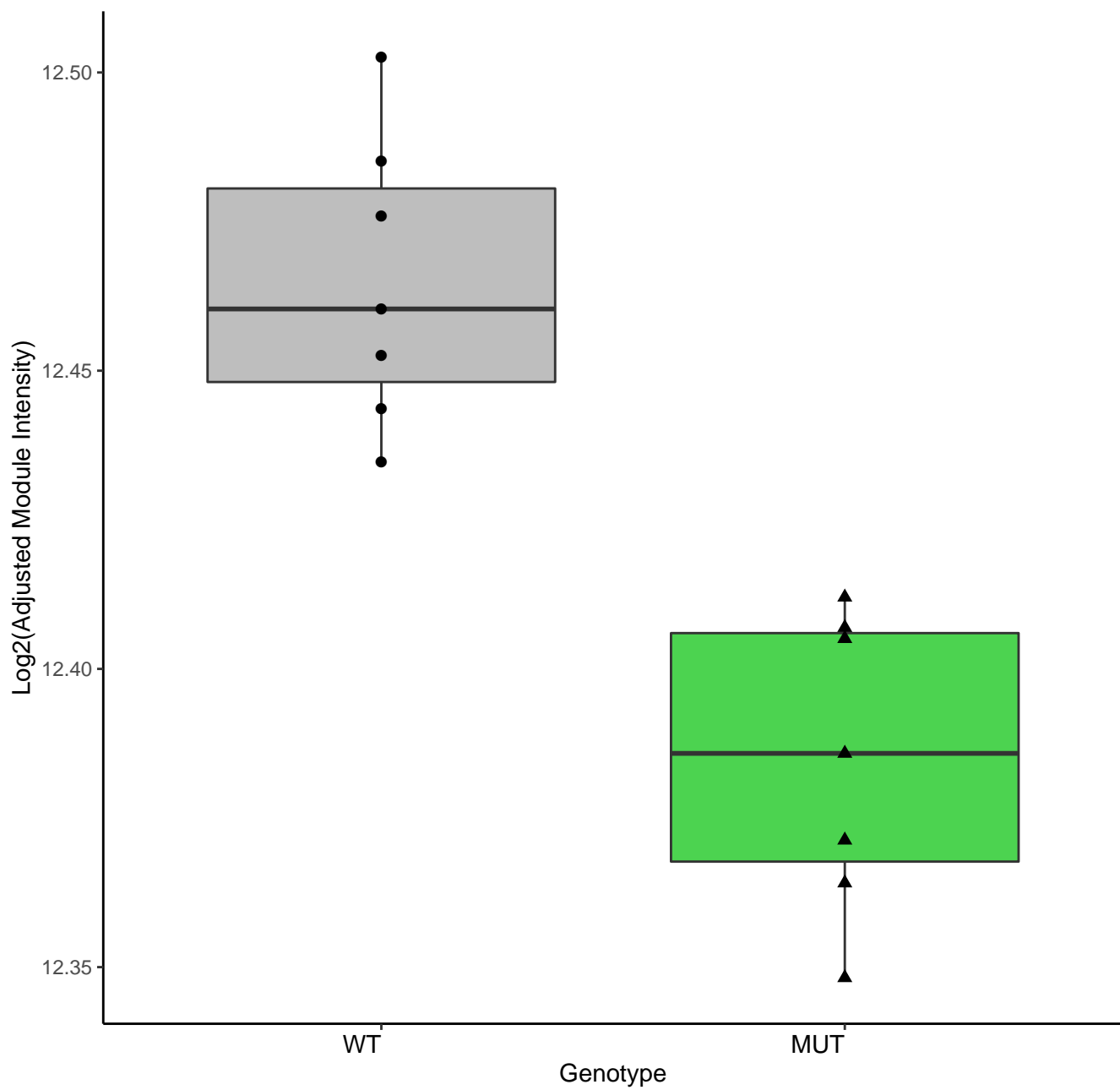
WT

Genotype

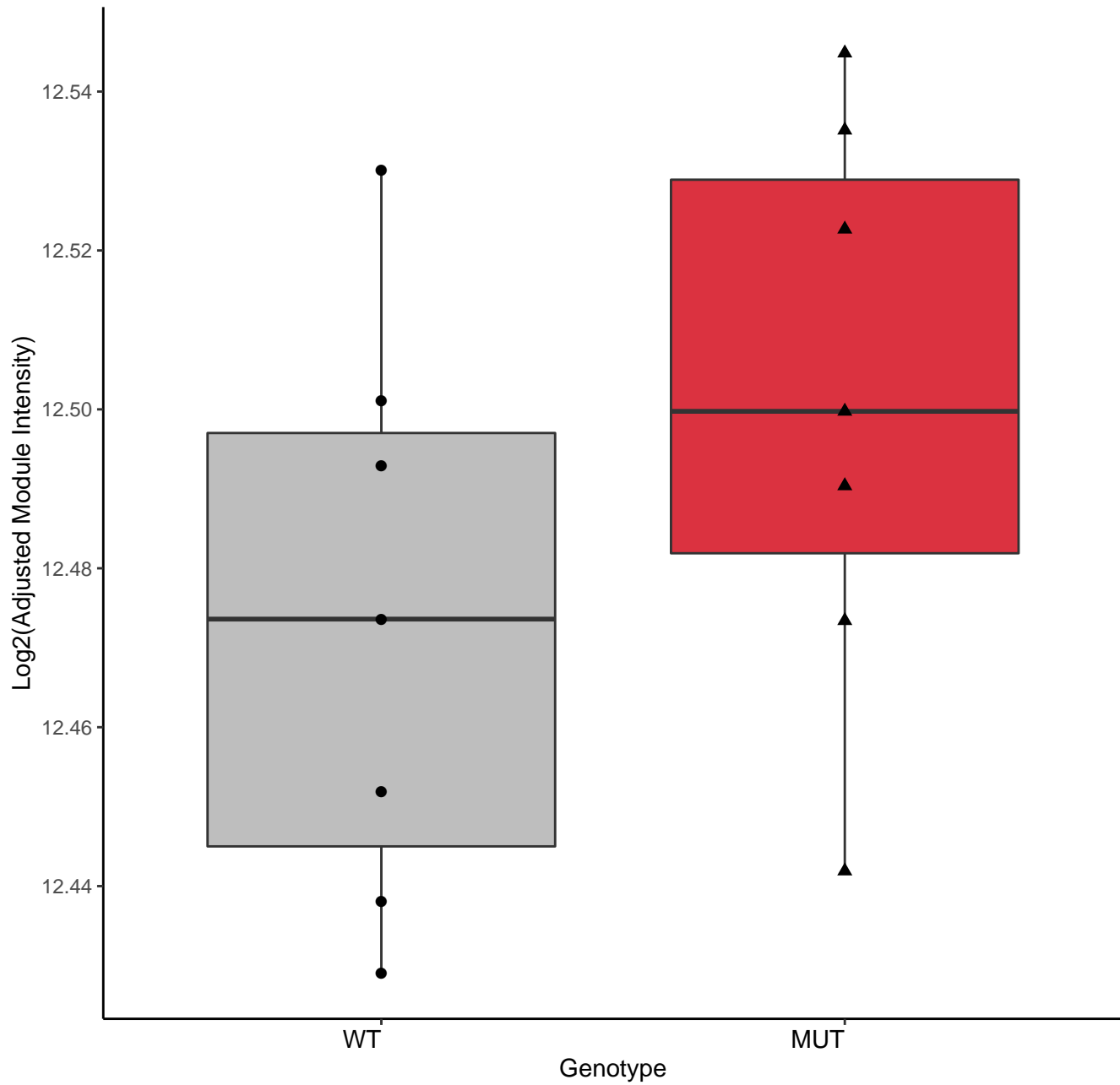
MUT



M118



M119



M120

Log2(Adjusted Module Intensity)

11.08

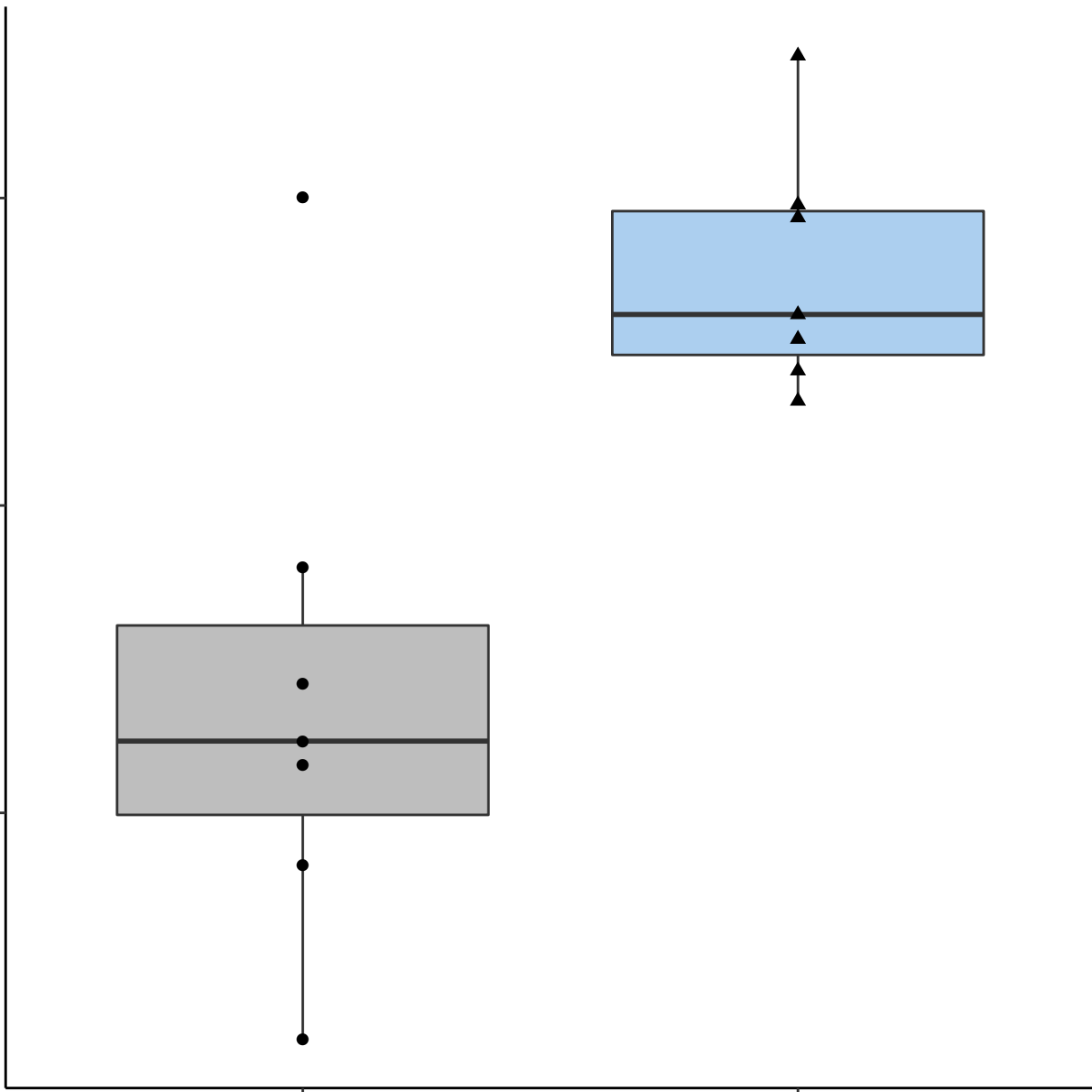
11.06

11.04

WT

MUT

Genotype



M121

Log2(Adjusted Module Intensity)

10.44

10.42

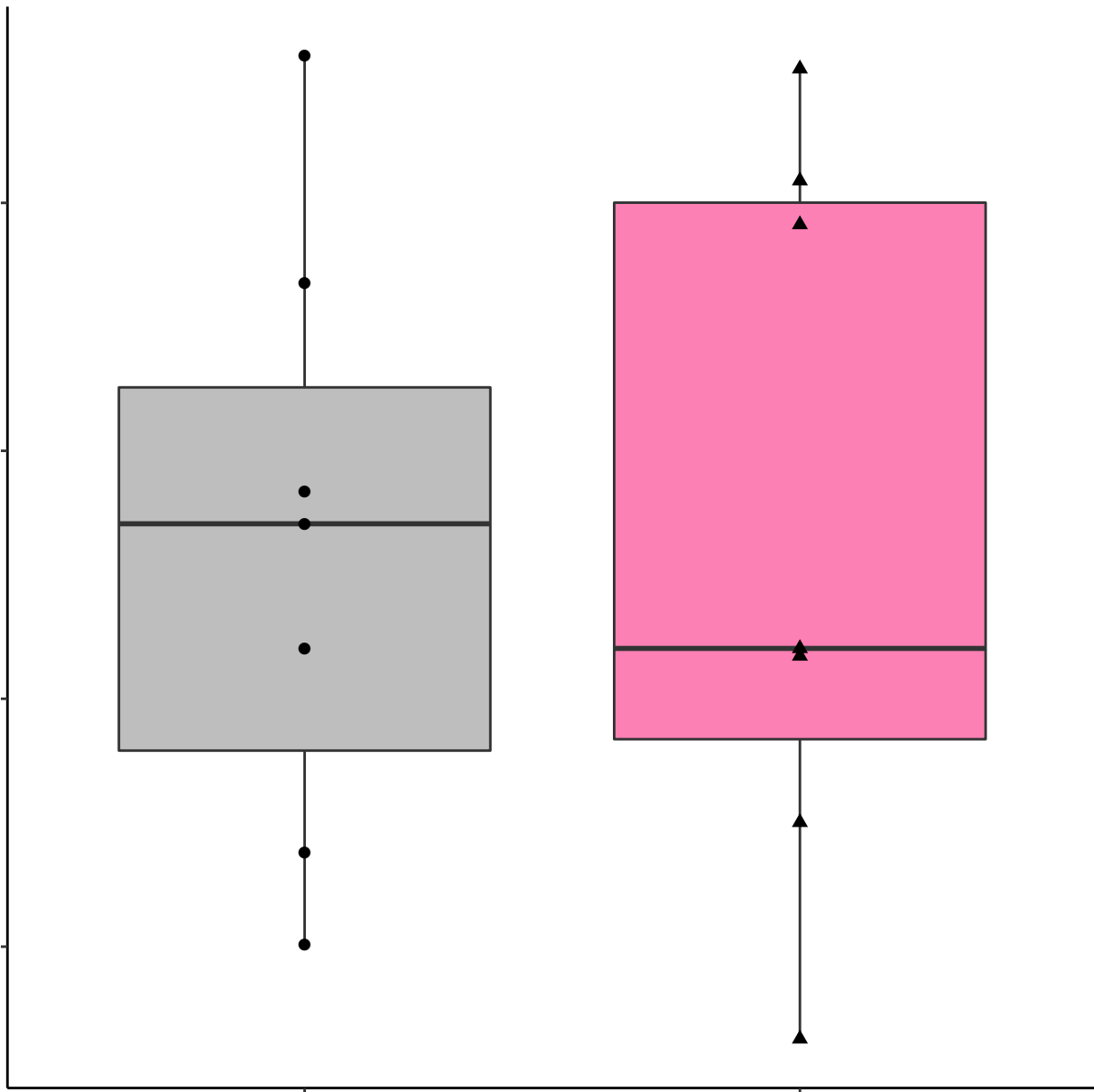
10.40

10.38

WT

Genotype

MUT



M122

Log2(Adjusted Module Intensity)

15.00

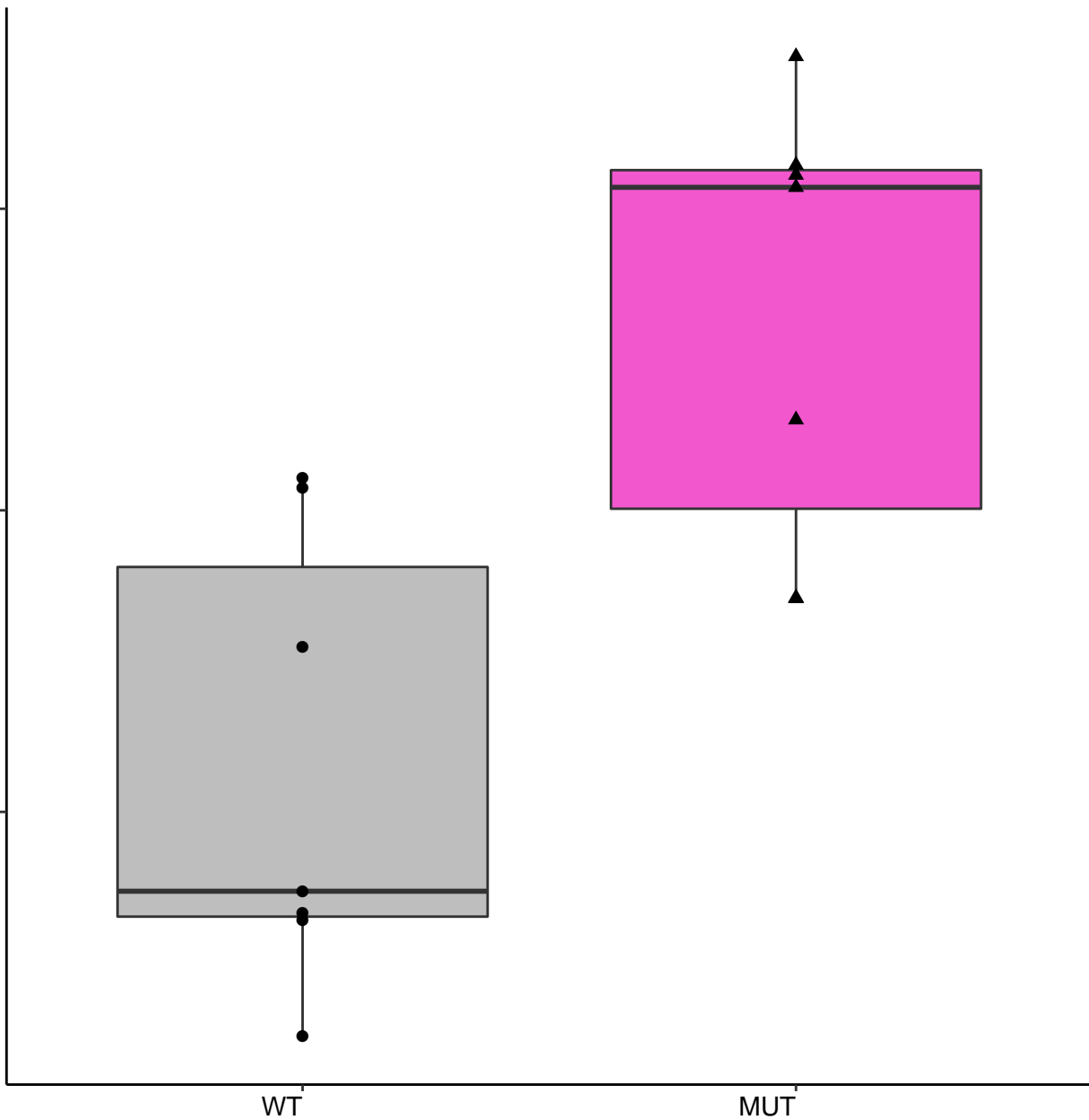
14.98

14.96

WT

Genotype

MUT



M123

Log2(Adjusted Module Intensity)

12.76

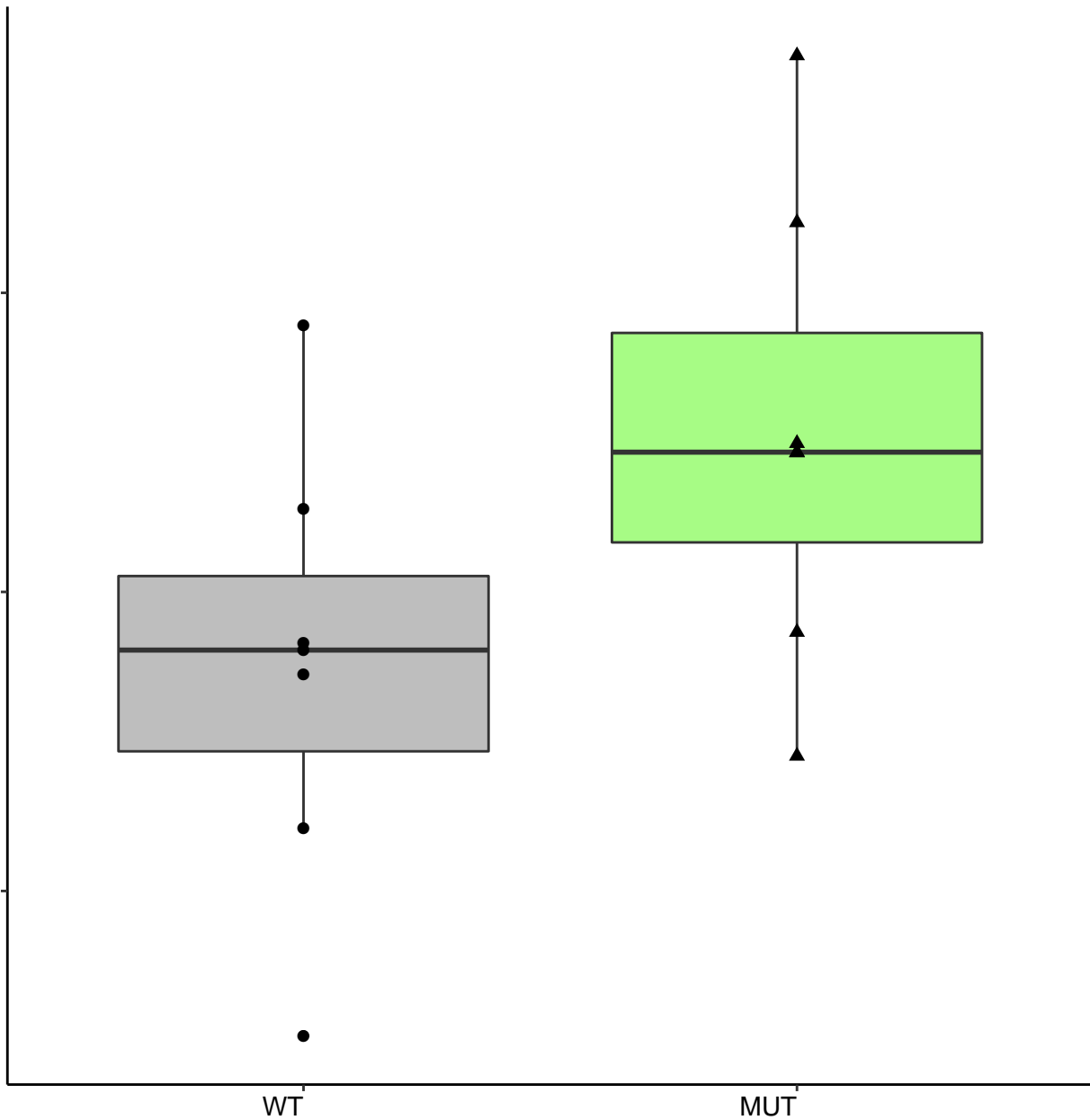
12.75

12.74

WT

Genotype

MUT



M124

Log2(Adjusted Module Intensity)

11.48

11.46

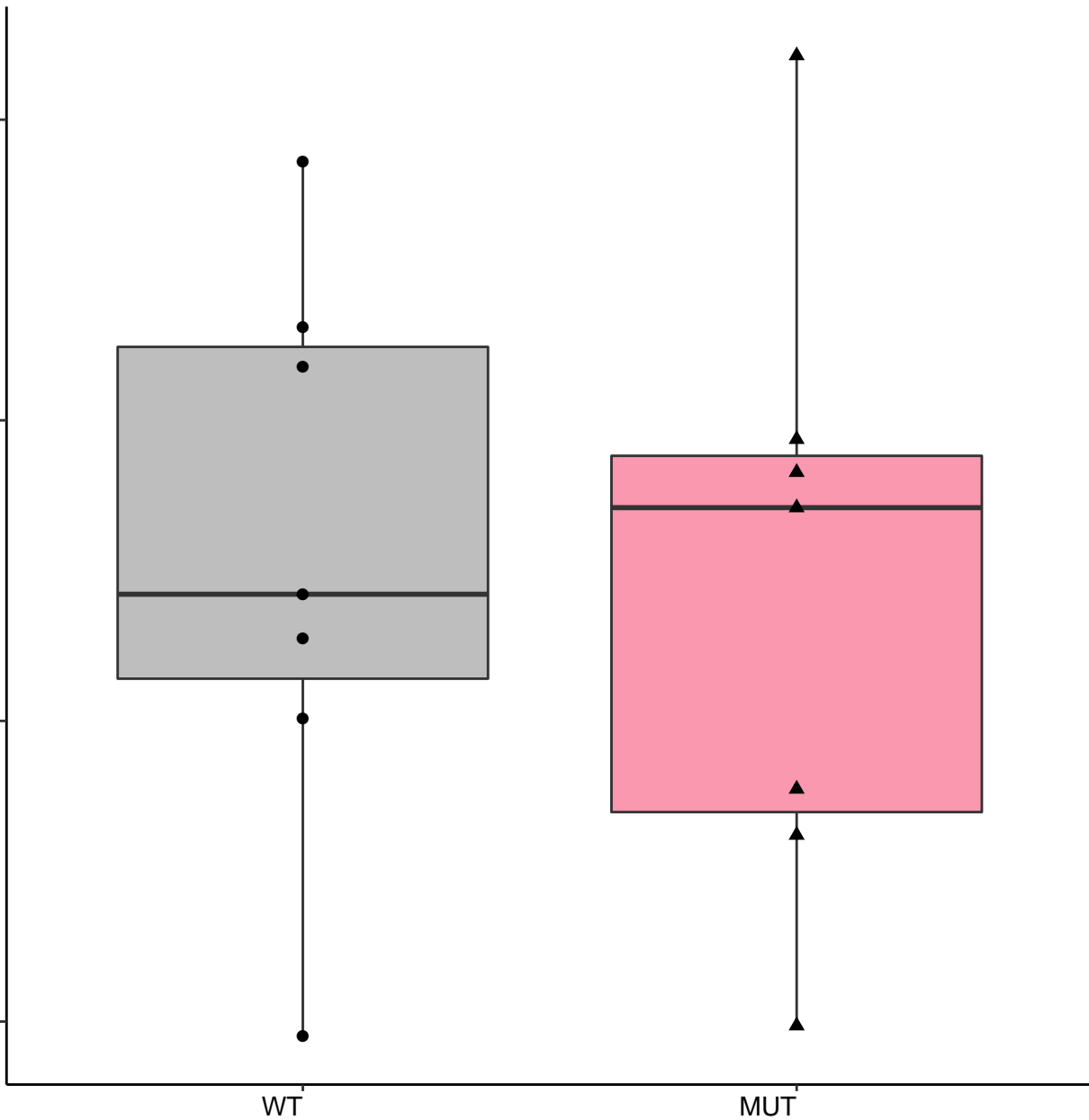
11.44

11.42

WT

Genotype

MUT



M125

Log2(Adjusted Module Intensity)

11.23

11.22

11.21

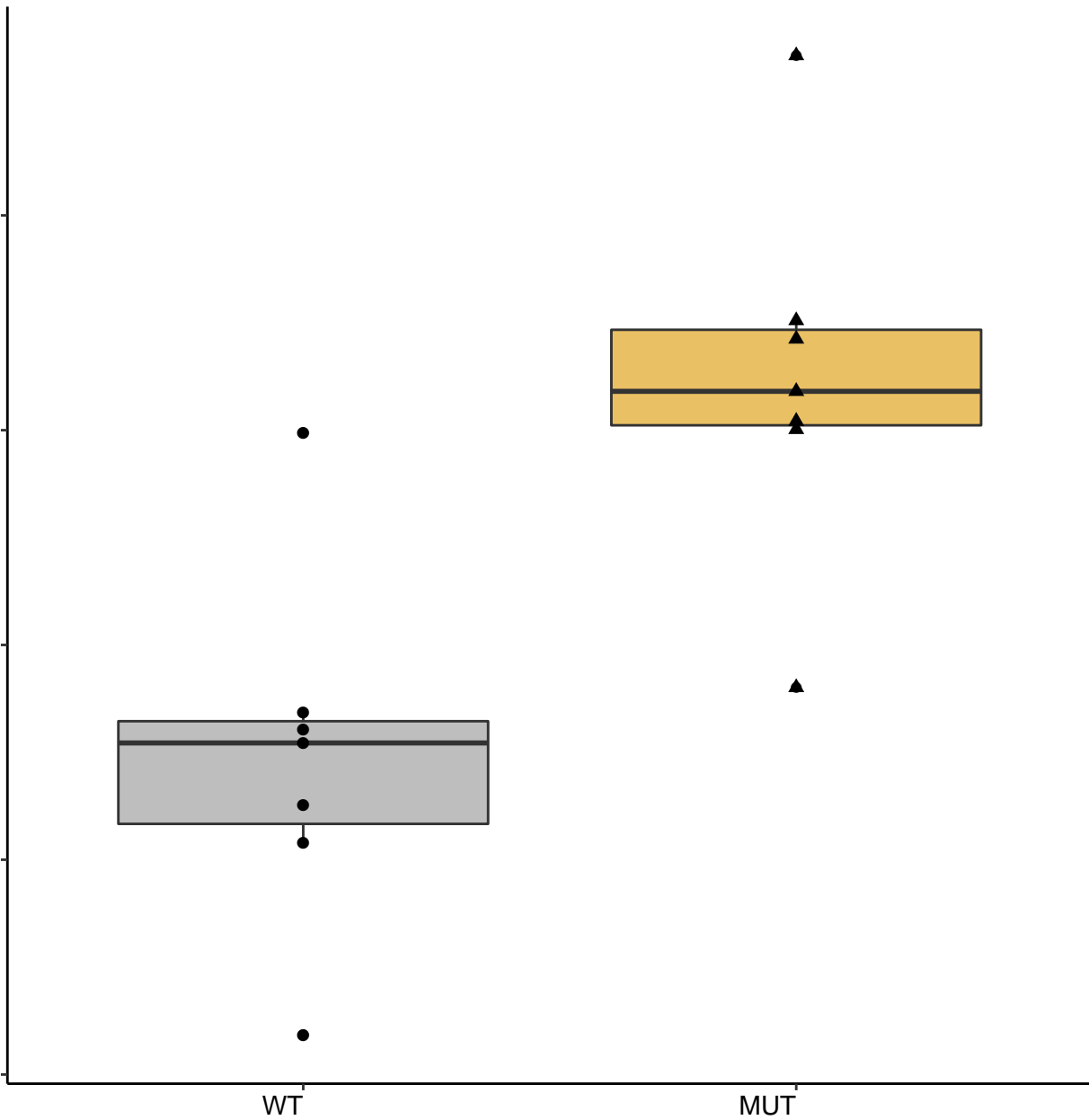
11.20

11.19

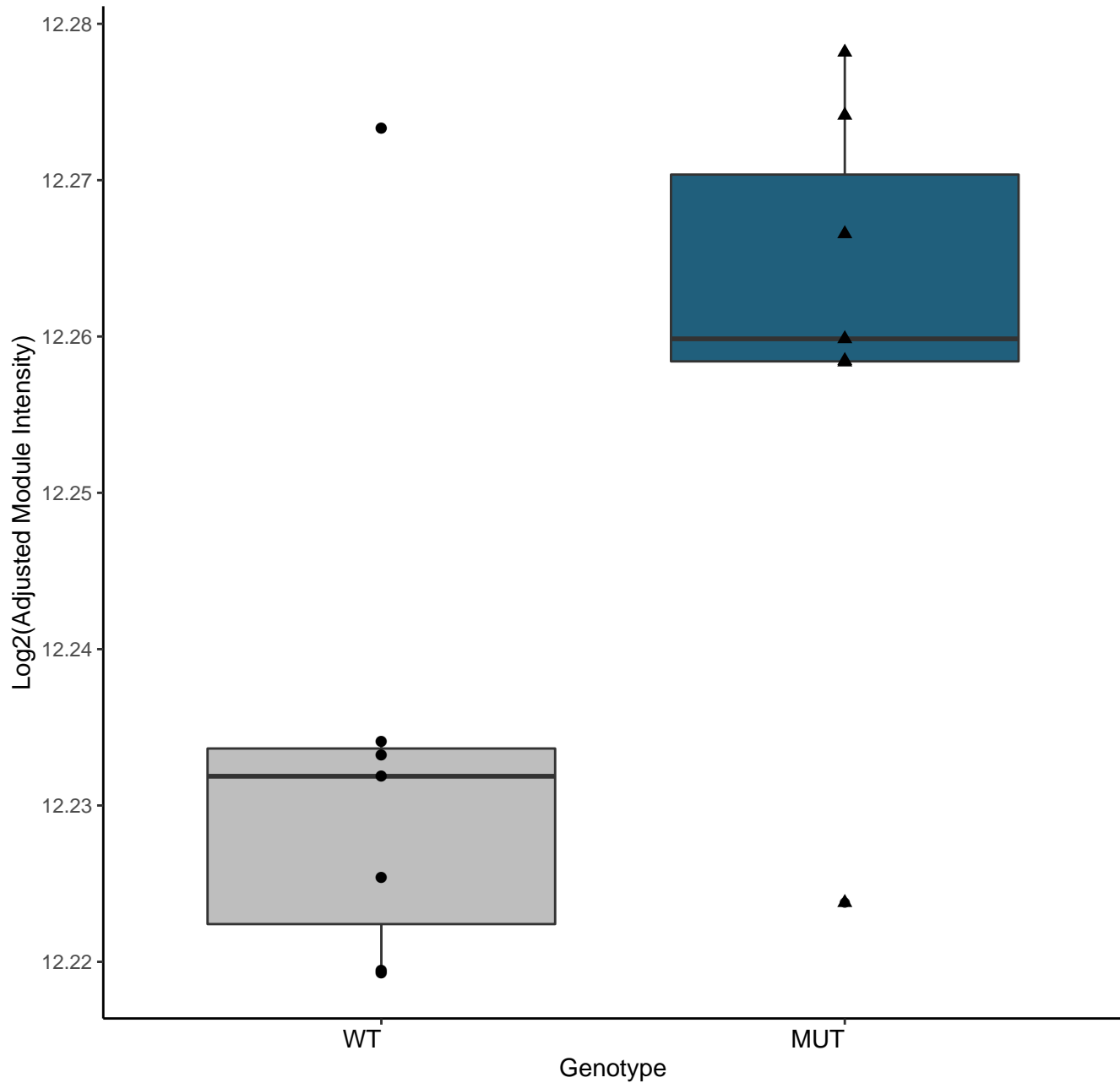
WT

MUT

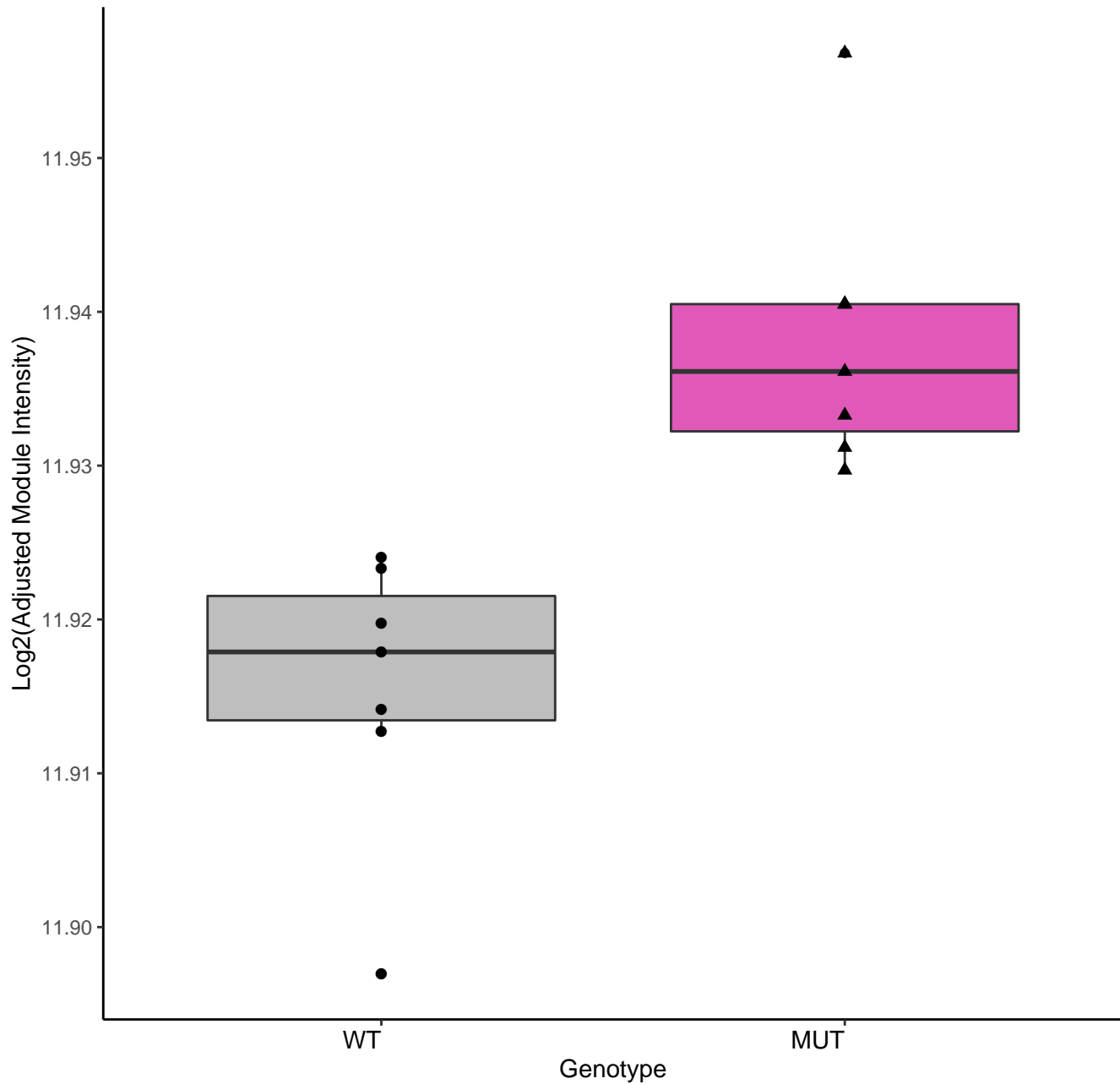
Genotype



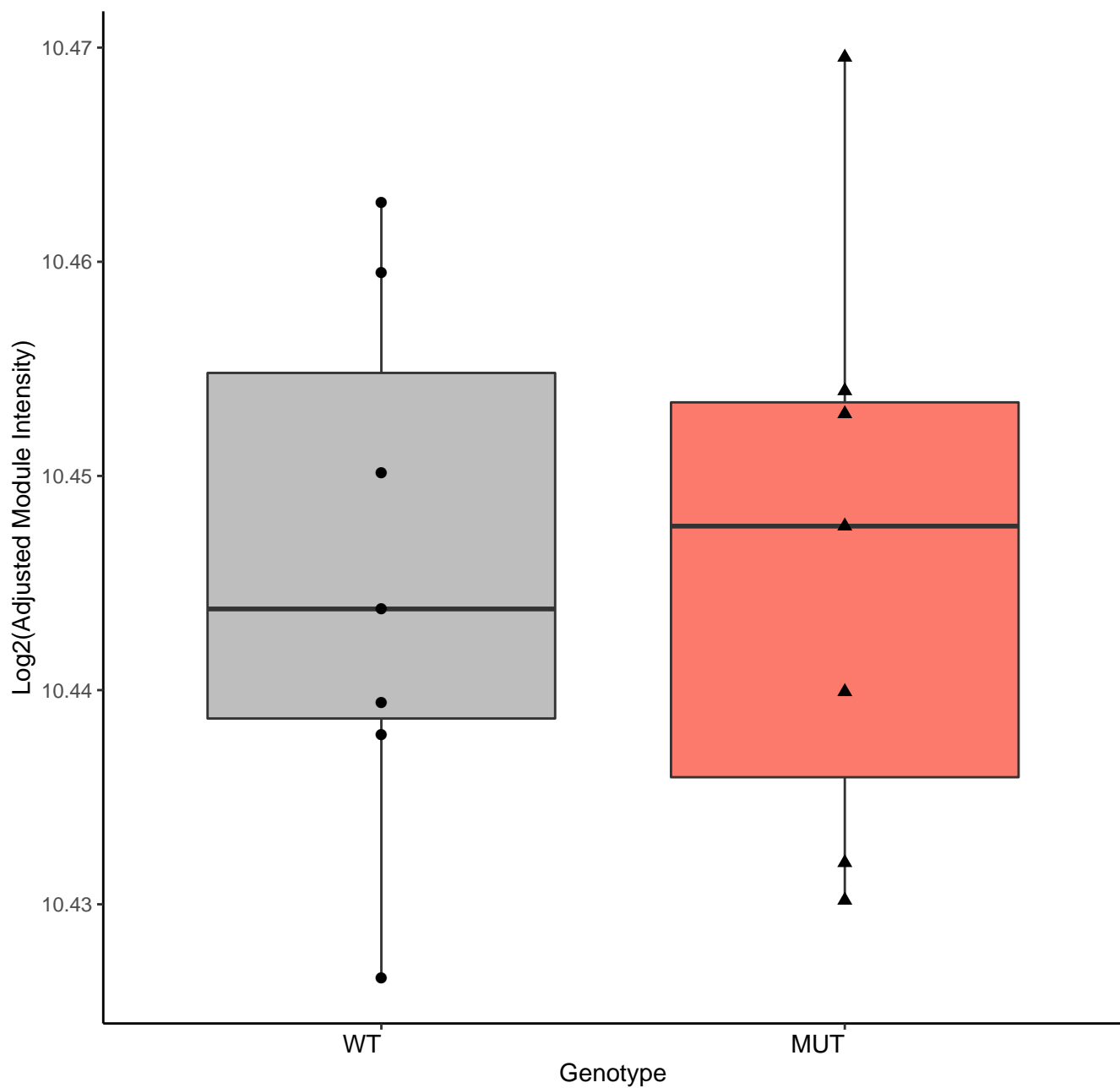
M126



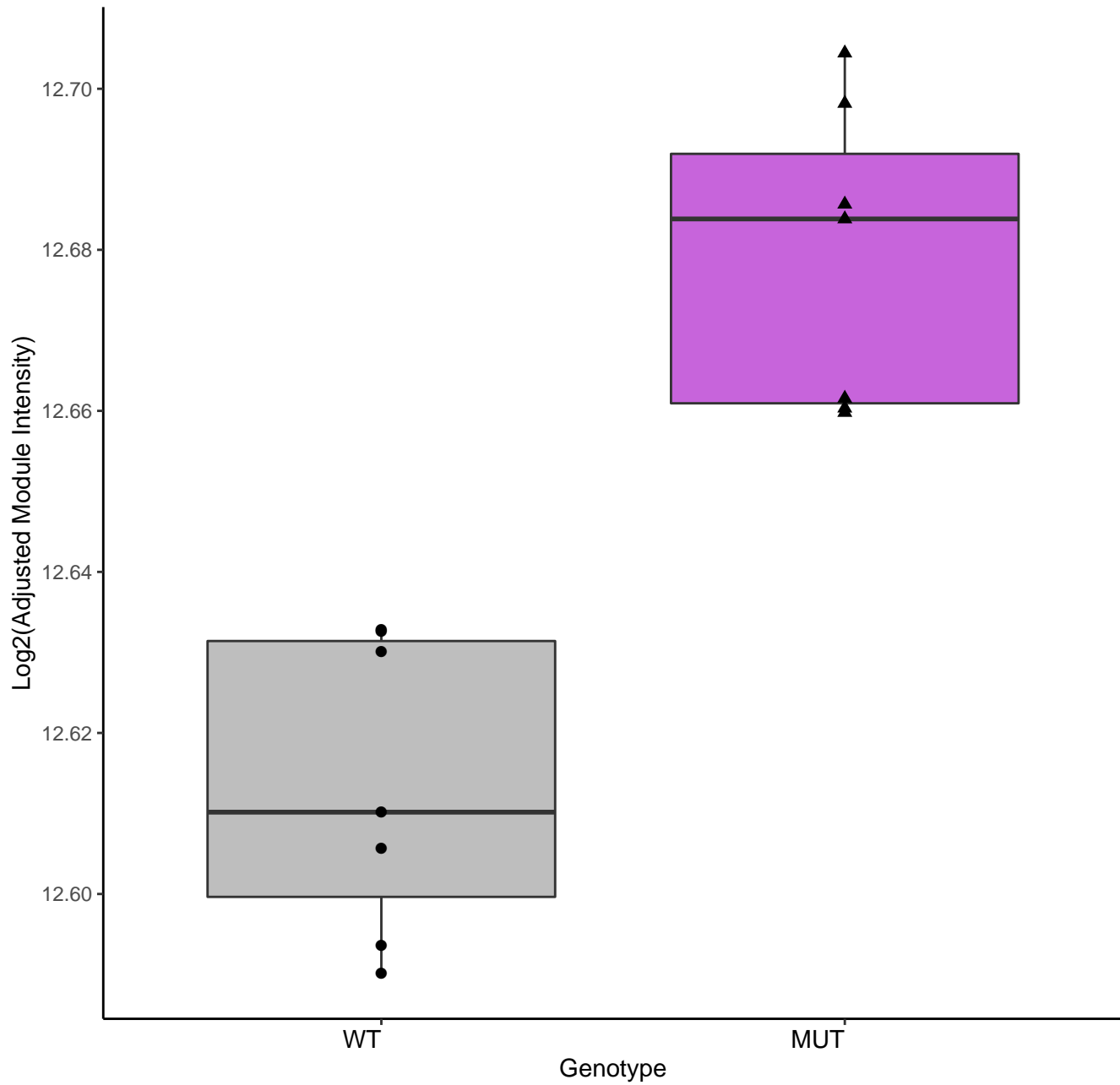
M127



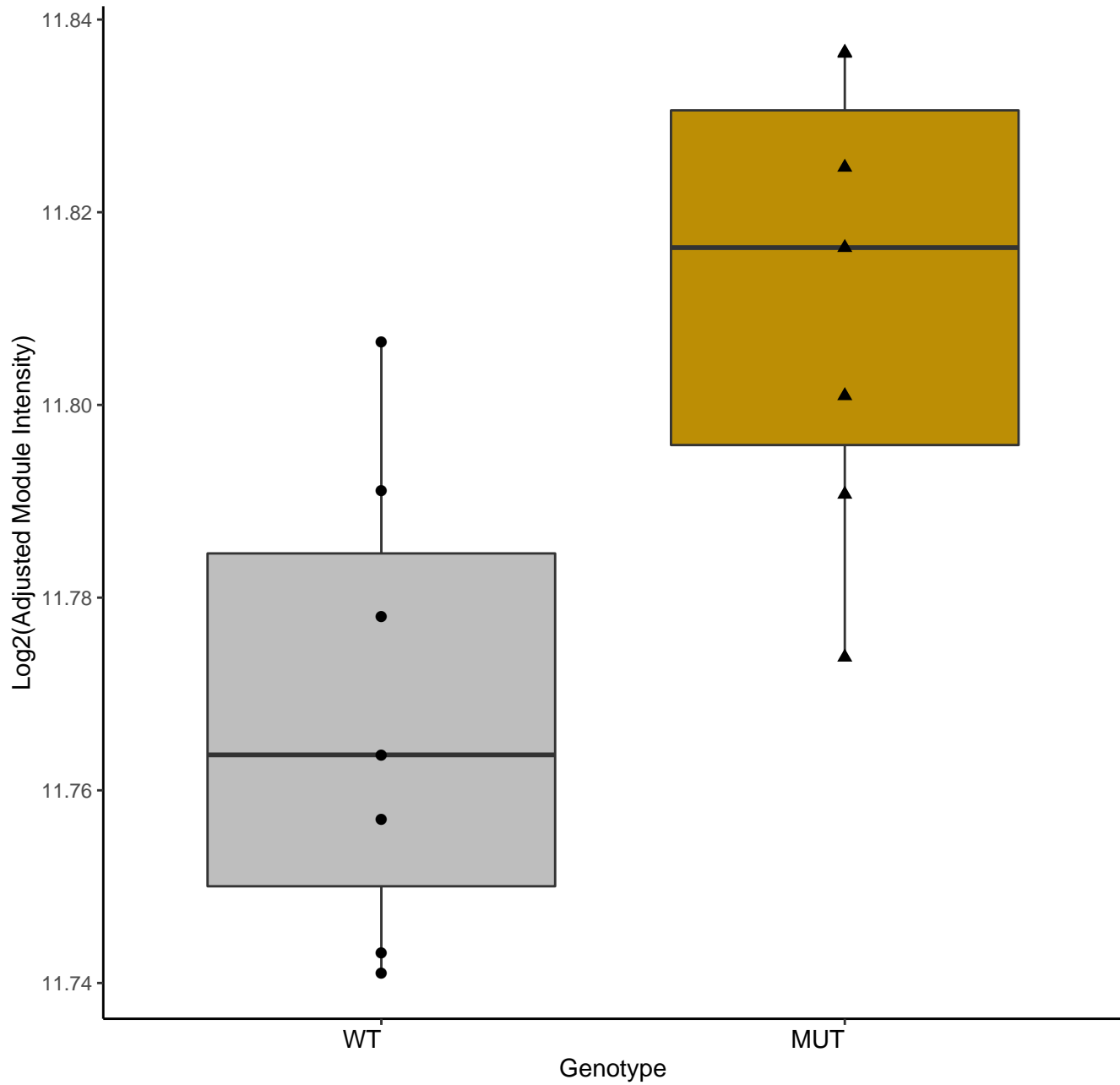
M128



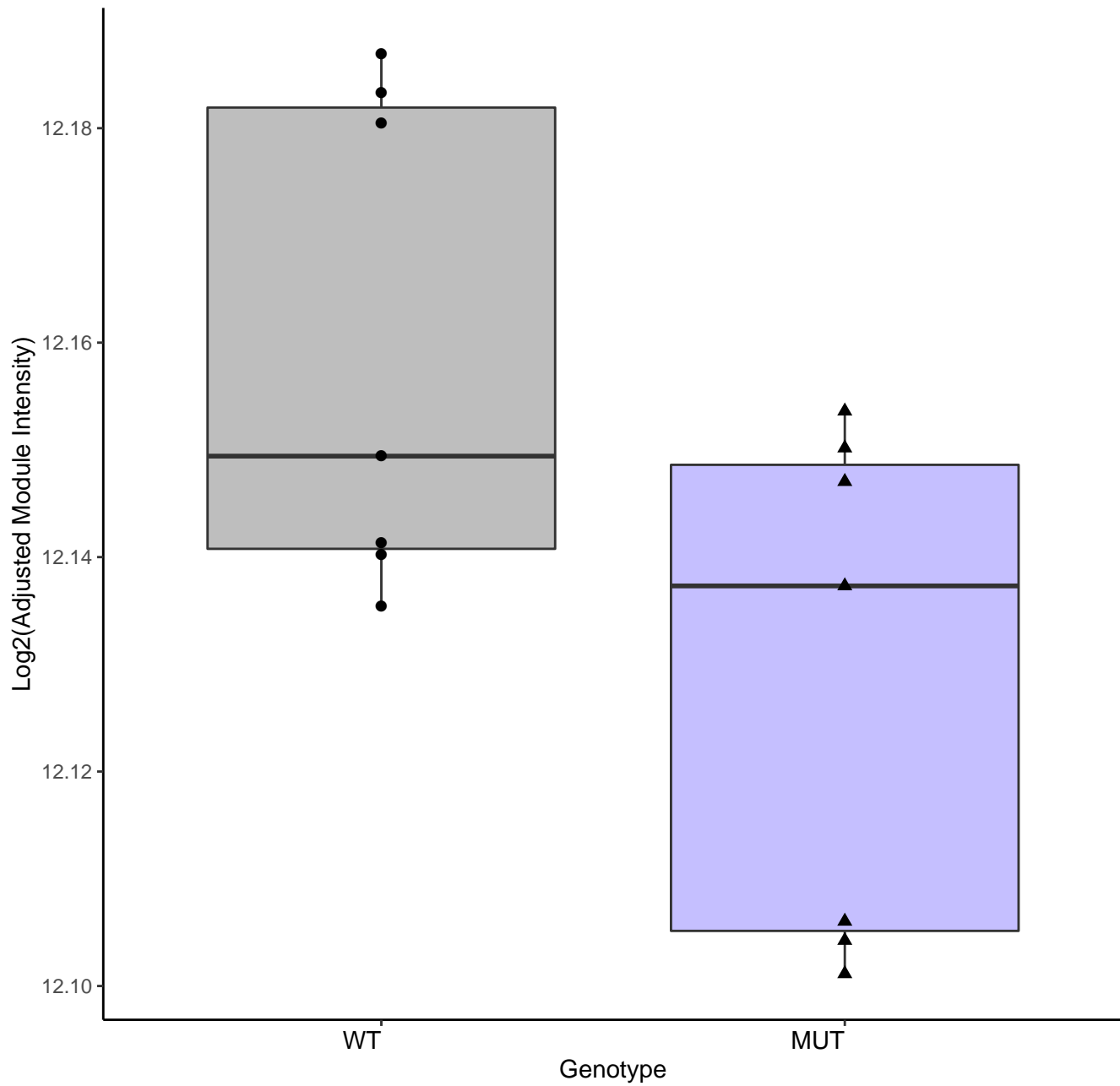
M129



M130



M131



M132

Log2(Adjusted Module Intensity)

14.42

14.40

14.38

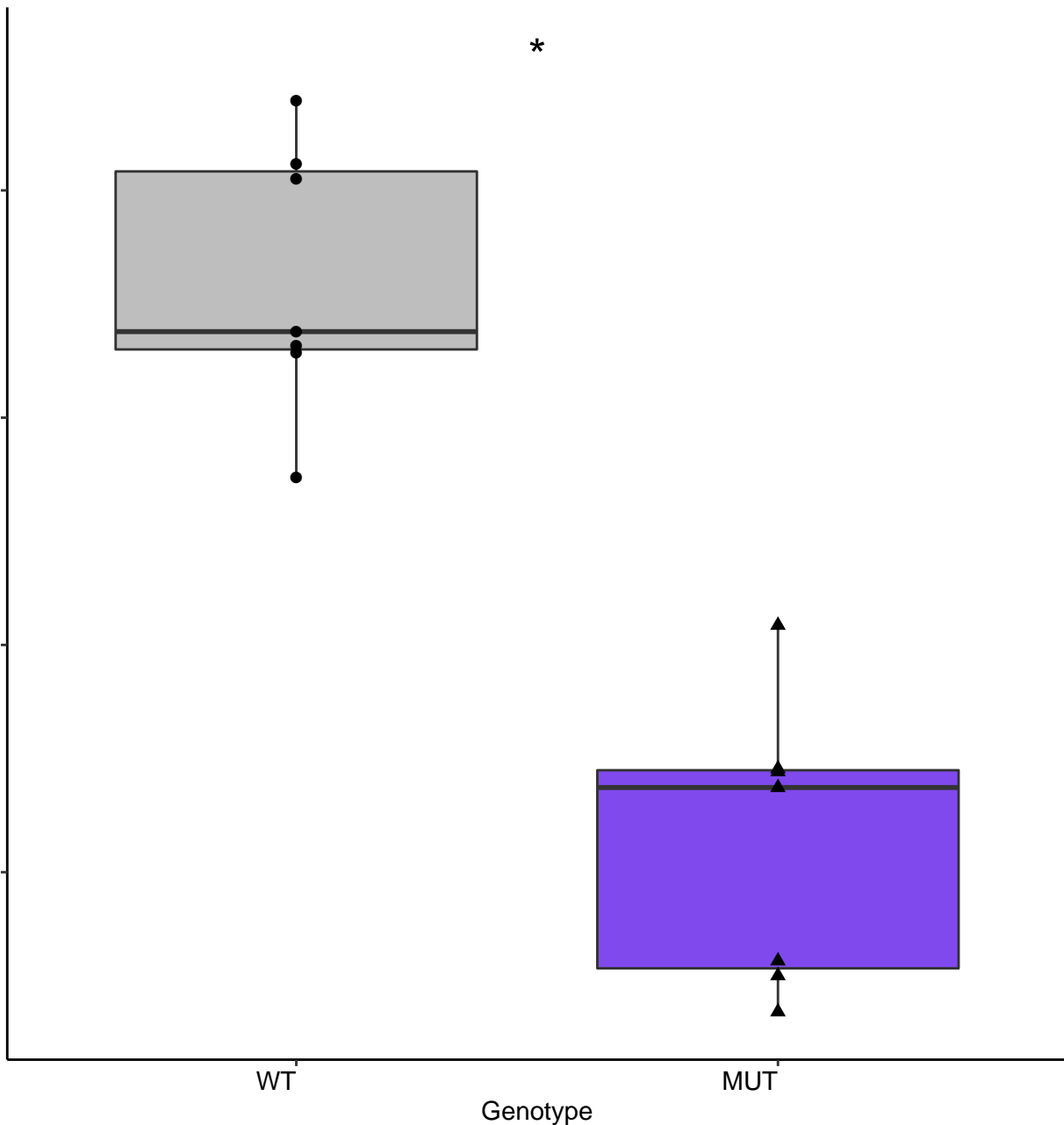
14.36

WT

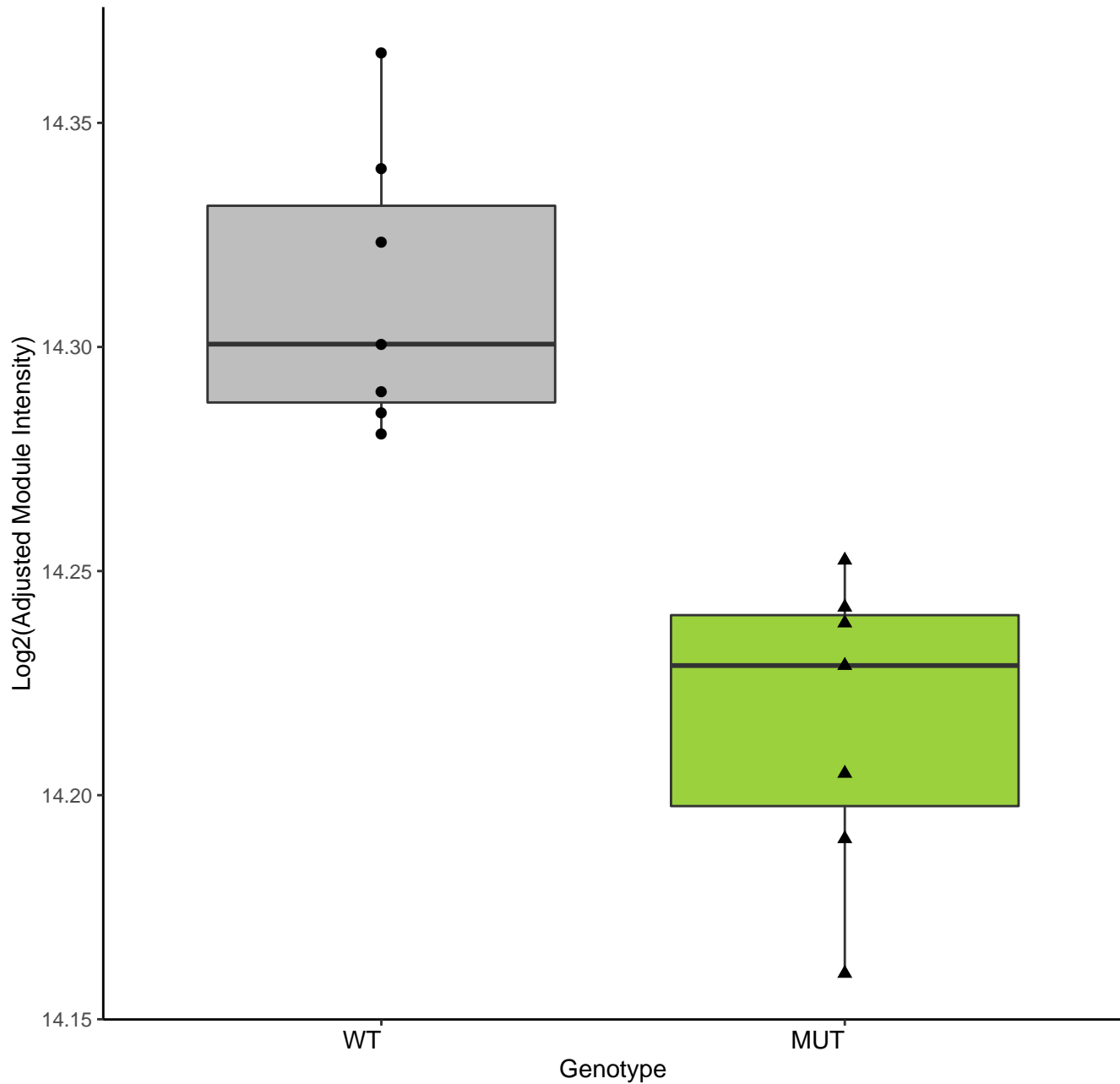
Genotype

MUT

*



M133



M134

Log2(Adjusted Module Intensity)

13.70

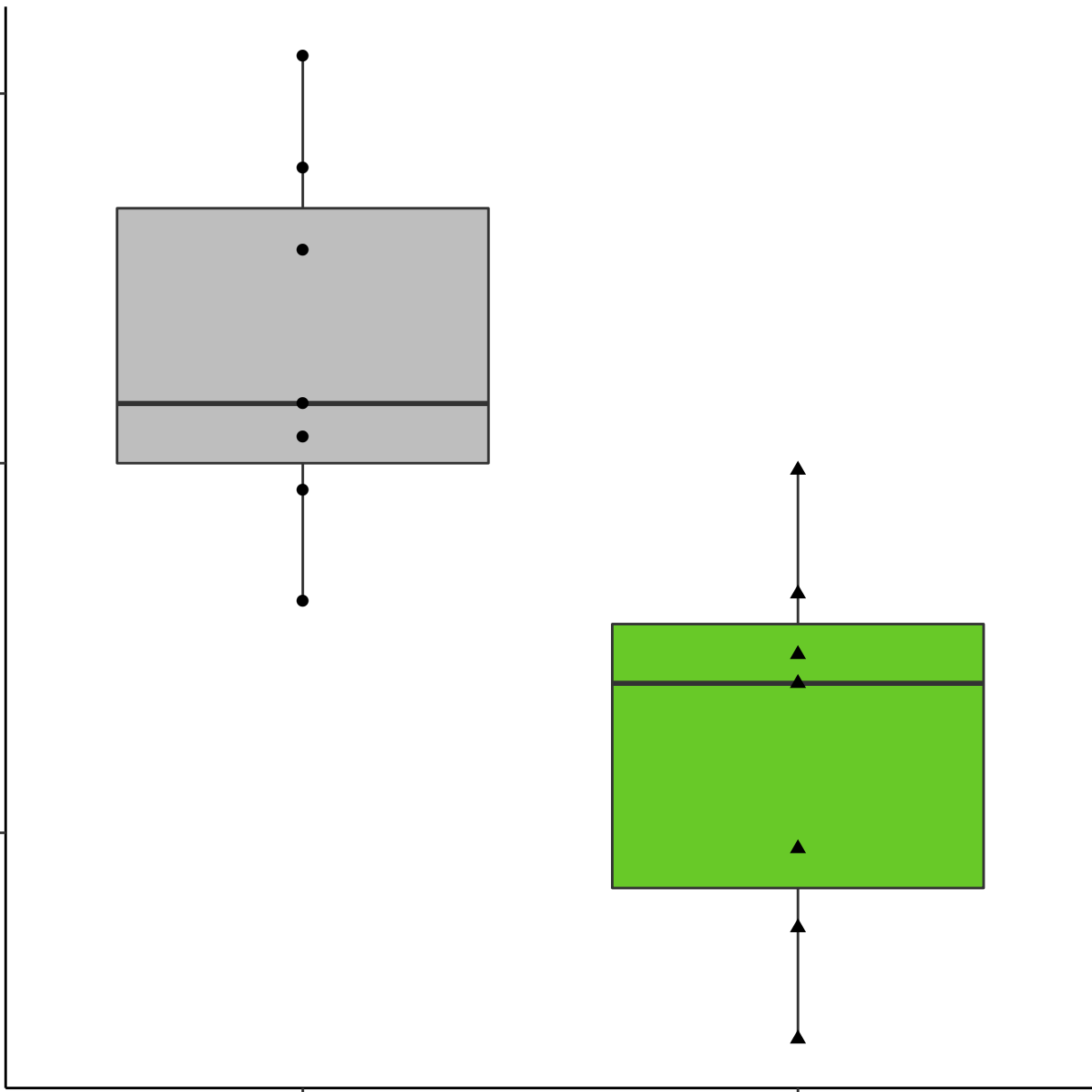
13.65

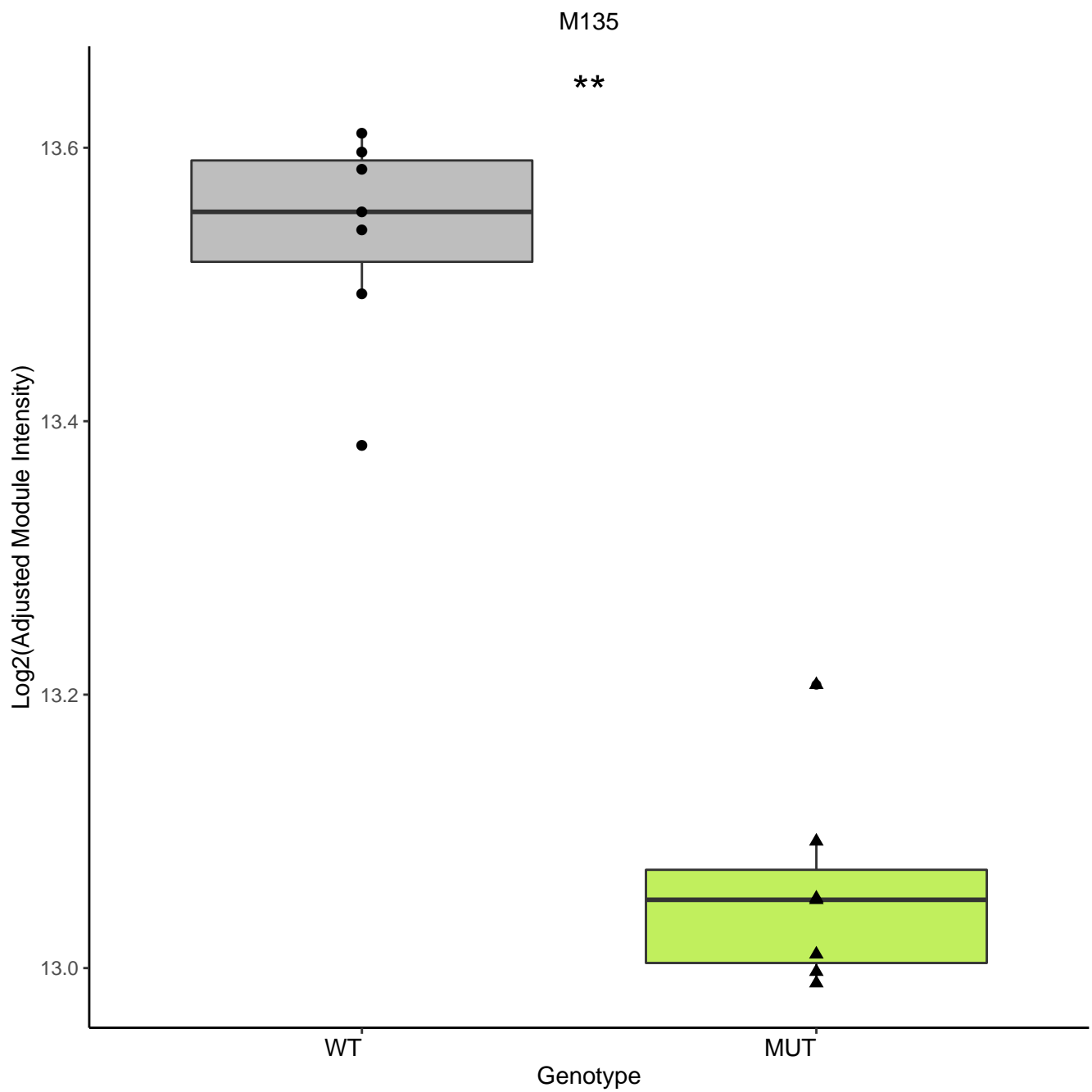
13.60

WT

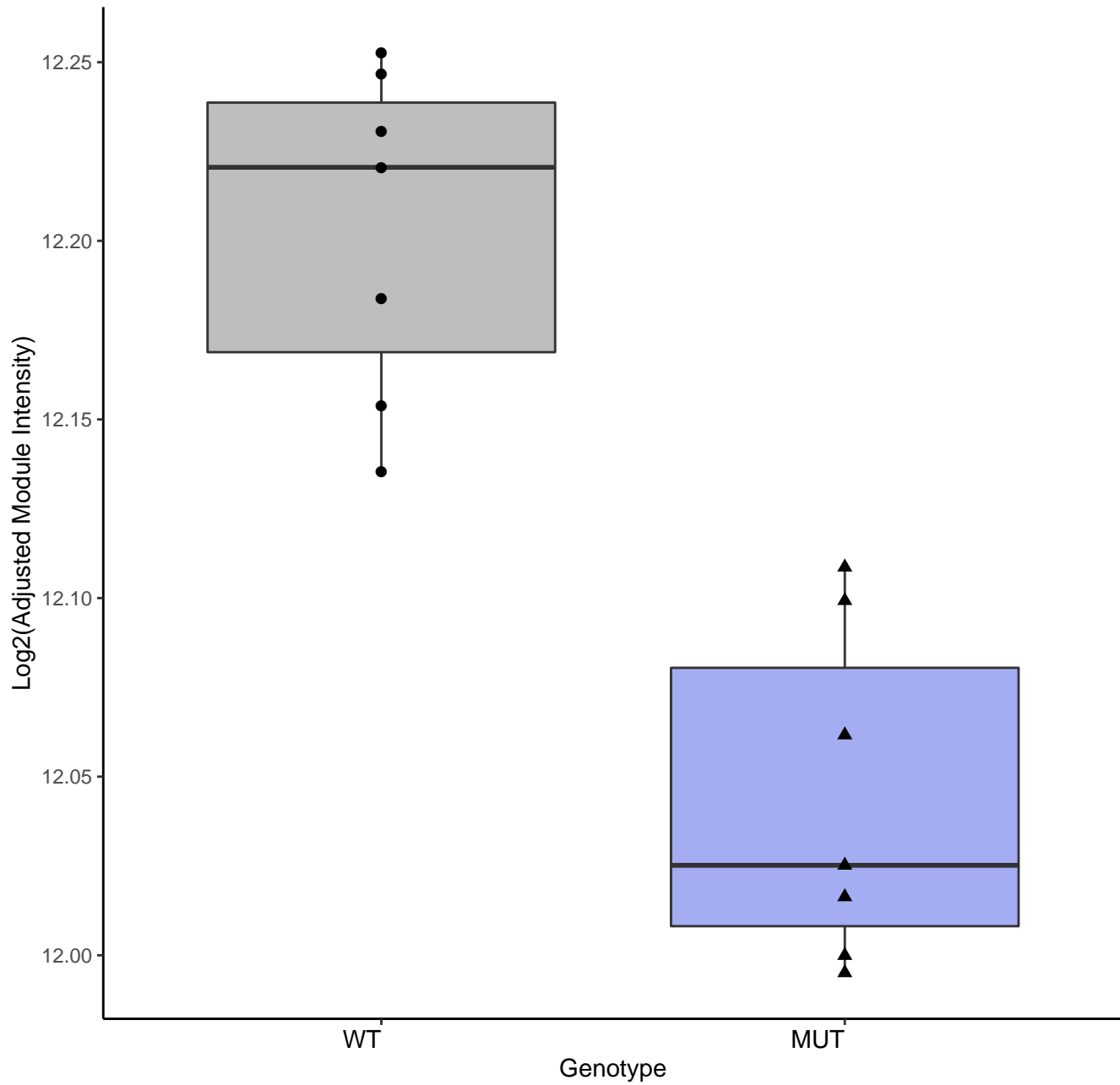
Genotype

MUT

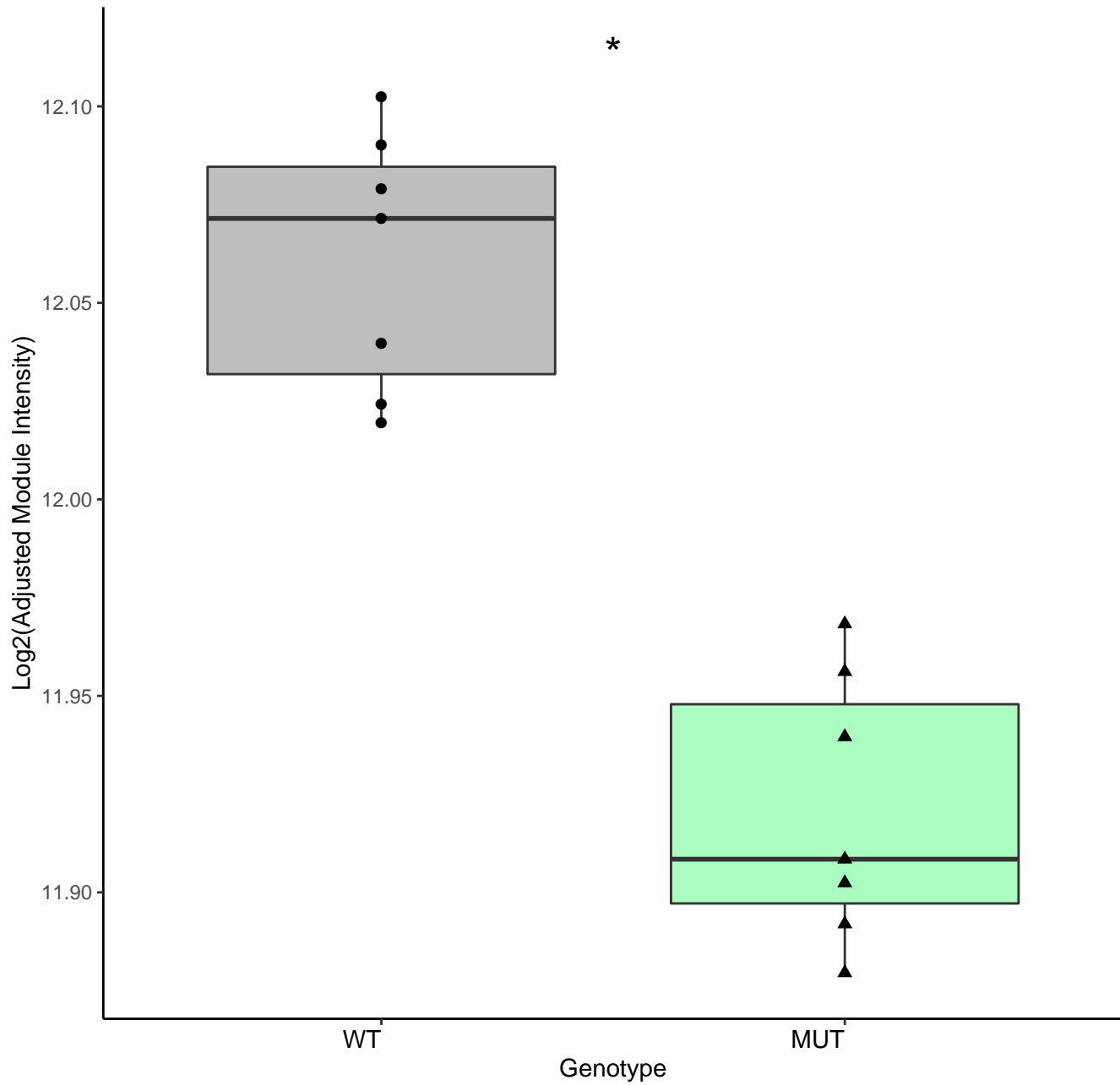




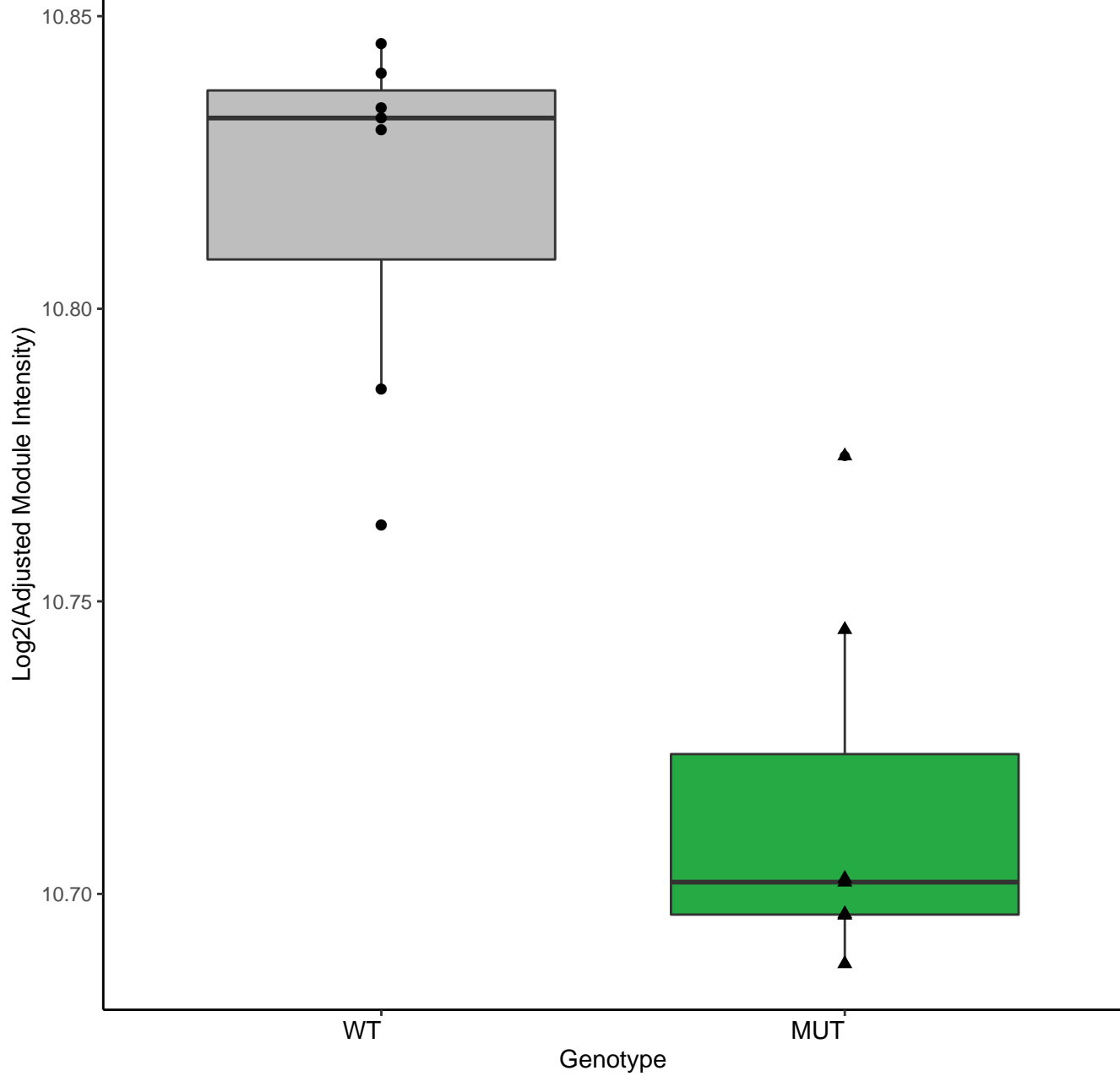
M136



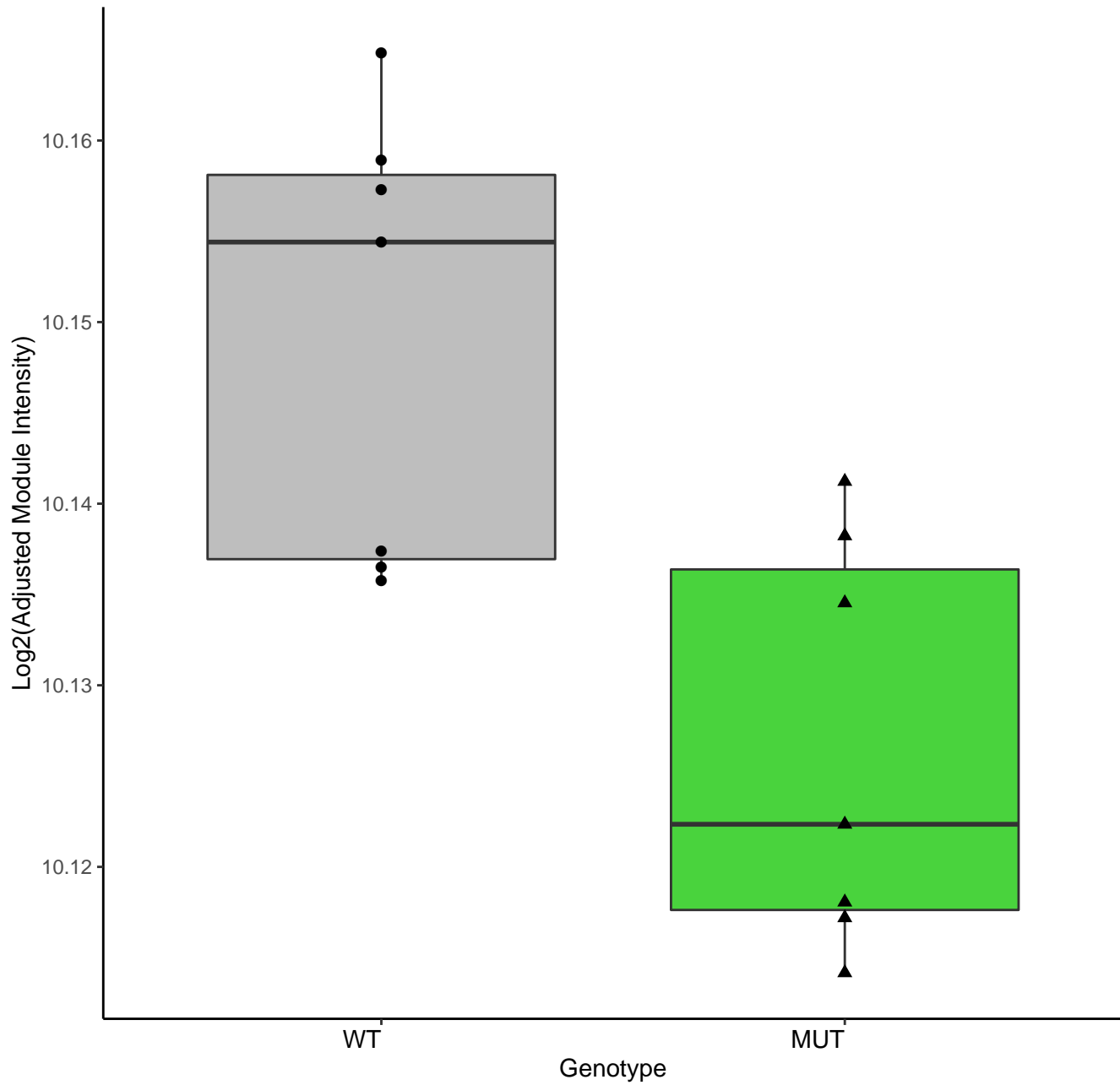
M137



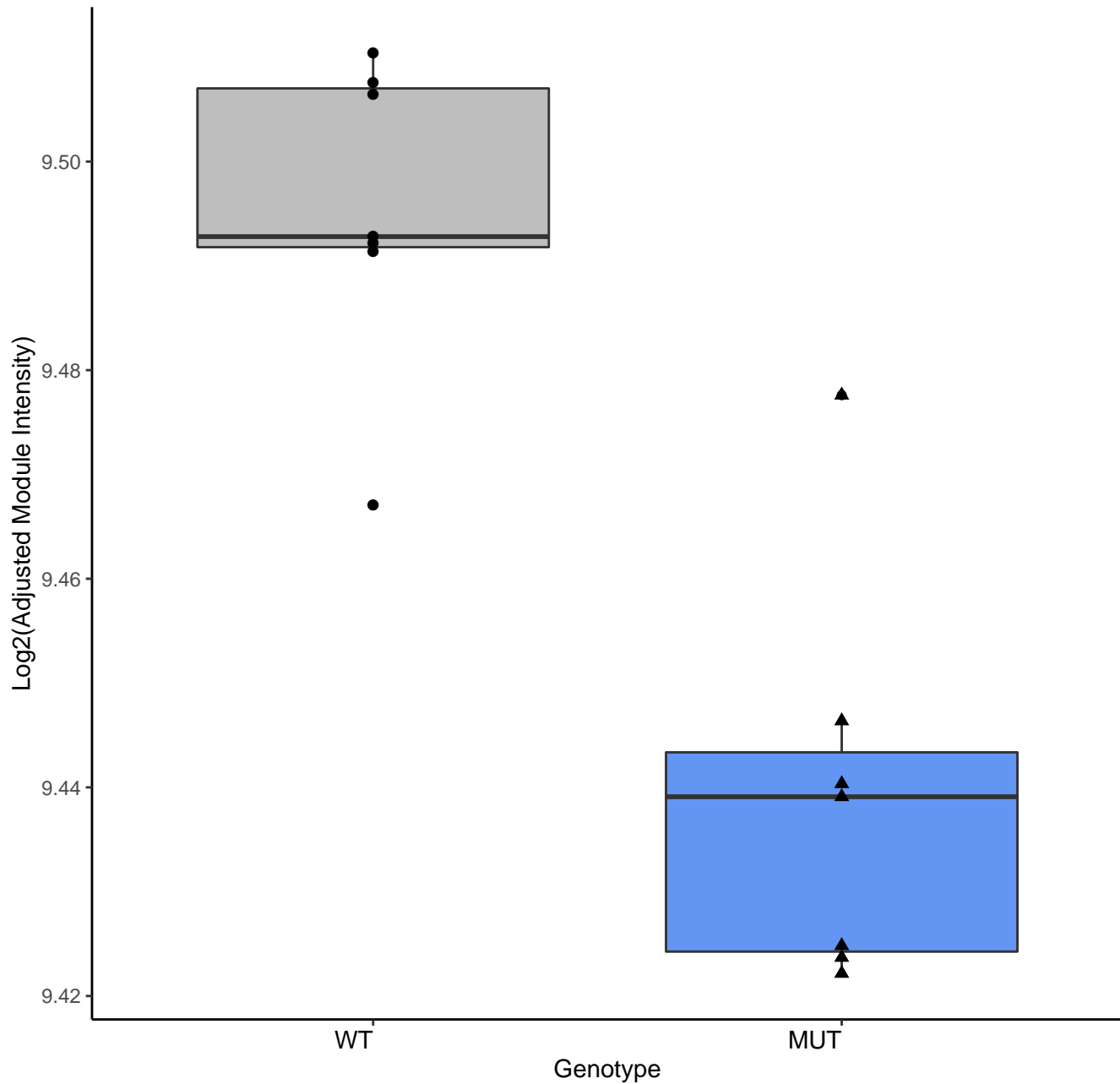
M138



M139



M140



M141

Log2(Adjusted Module Intensity)

14.55

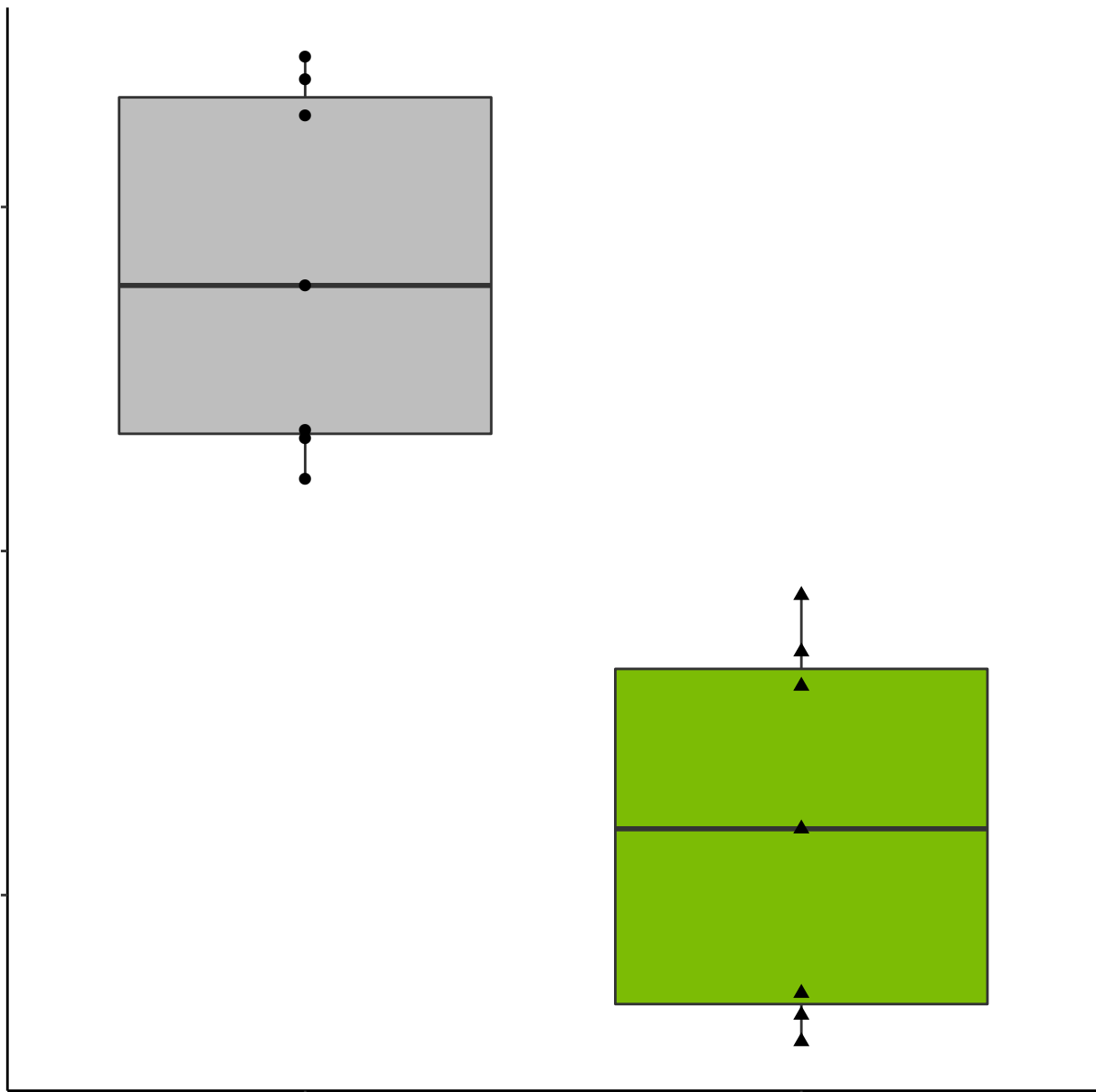
14.50

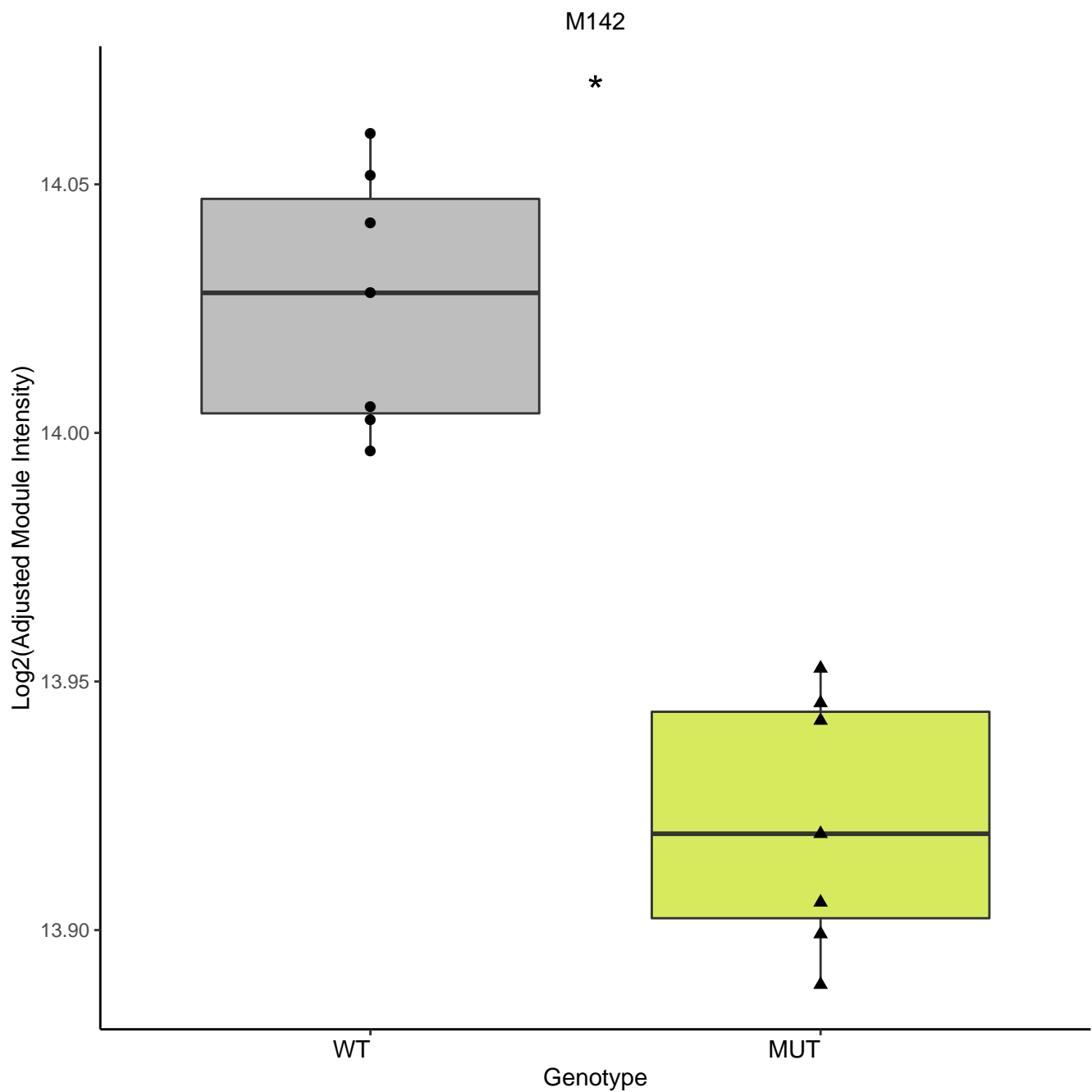
14.45

WT

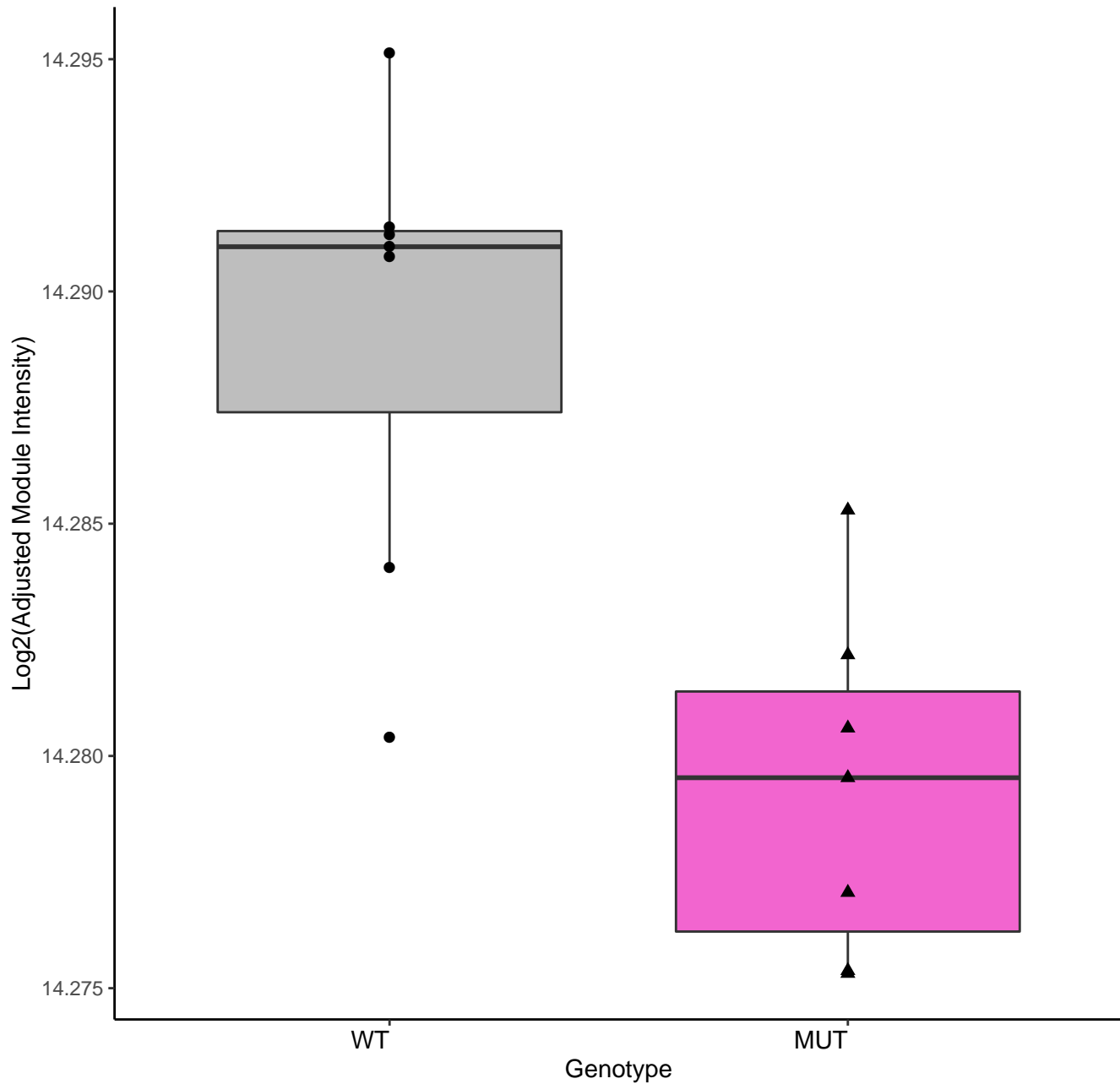
Genotype

MUT





M143



M144

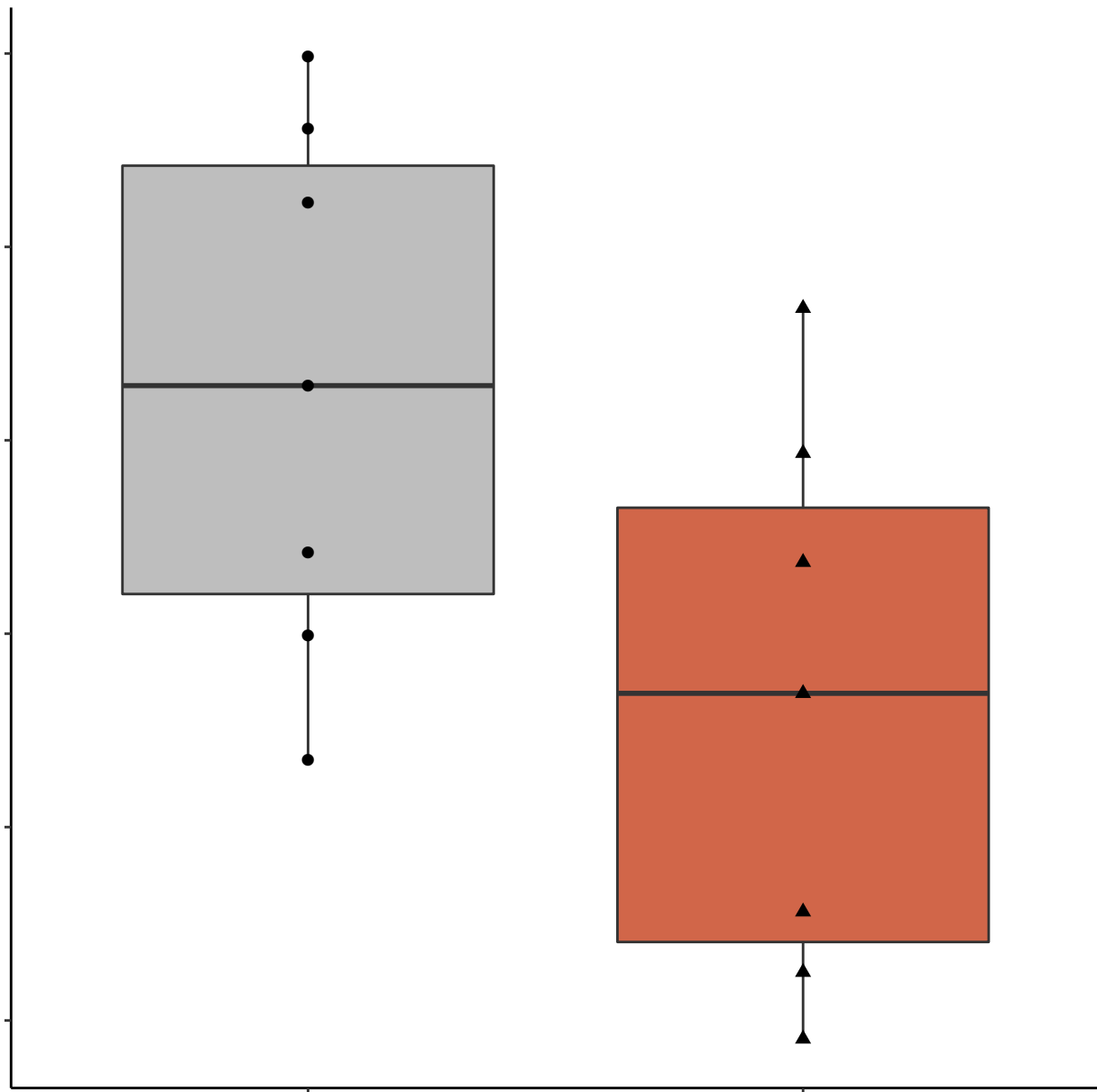
Log2(Adjusted Module Intensity)

14.74
14.72
14.70
14.68
14.66
14.64

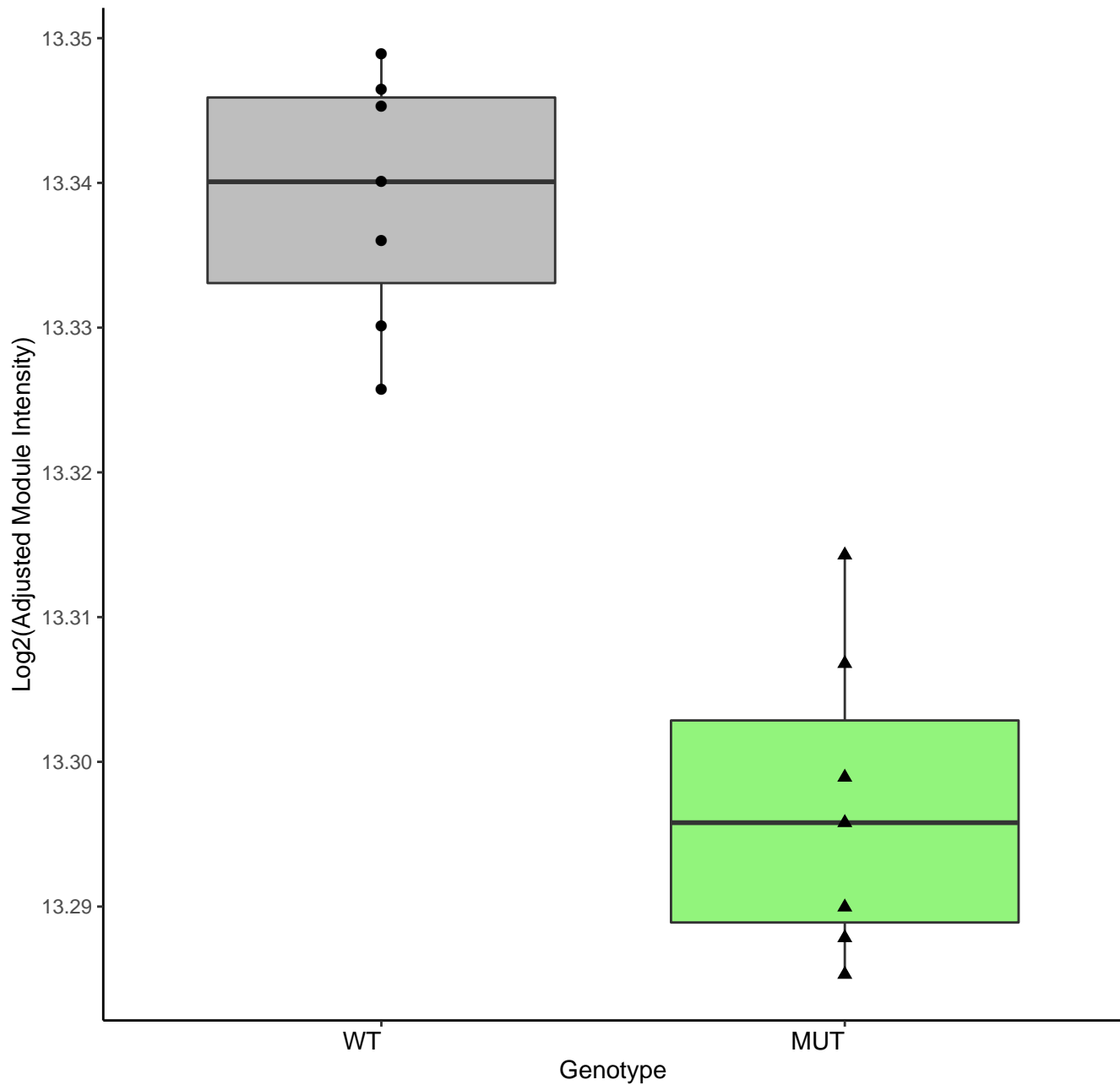
WT

Genotype

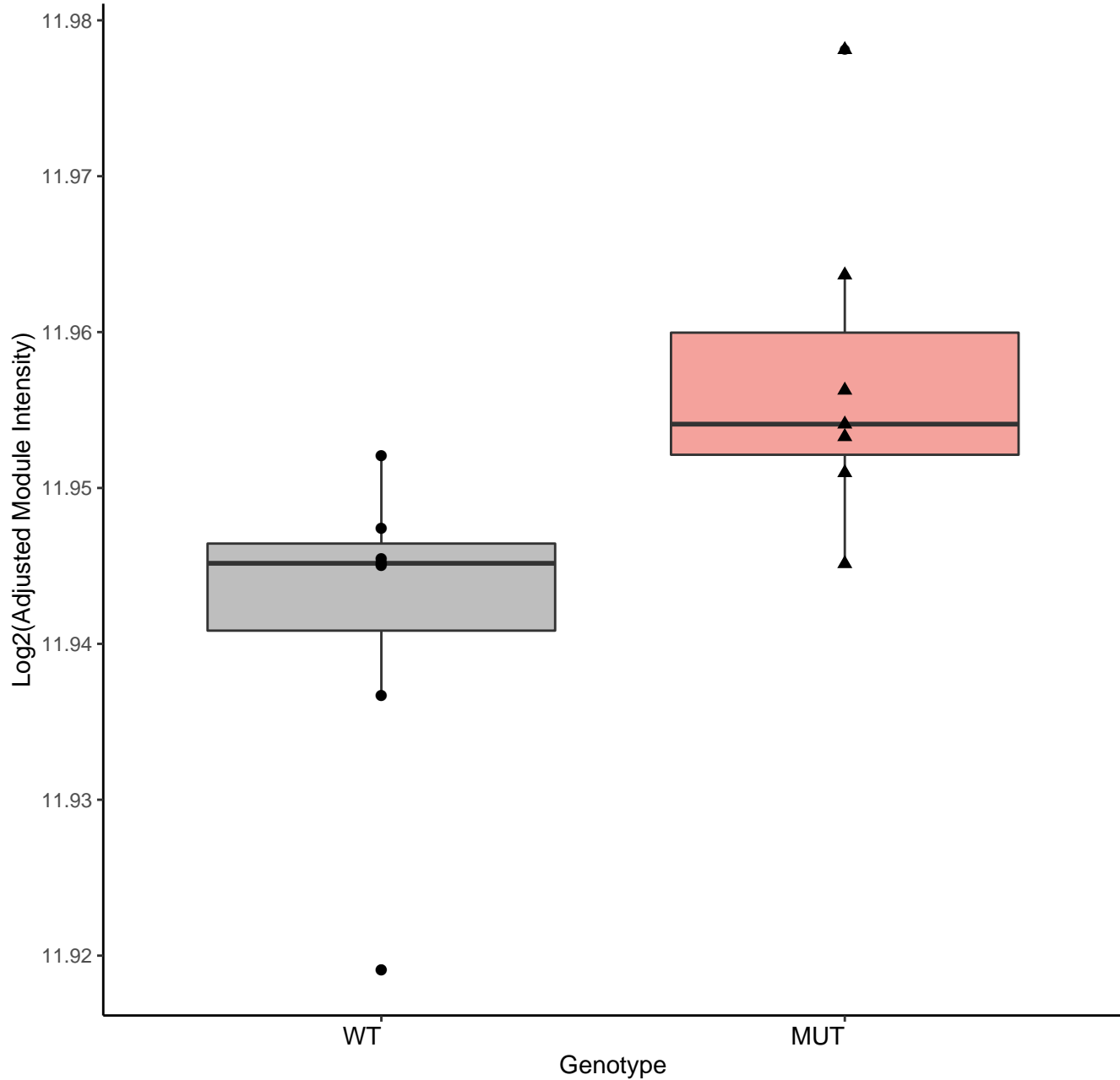
MUT



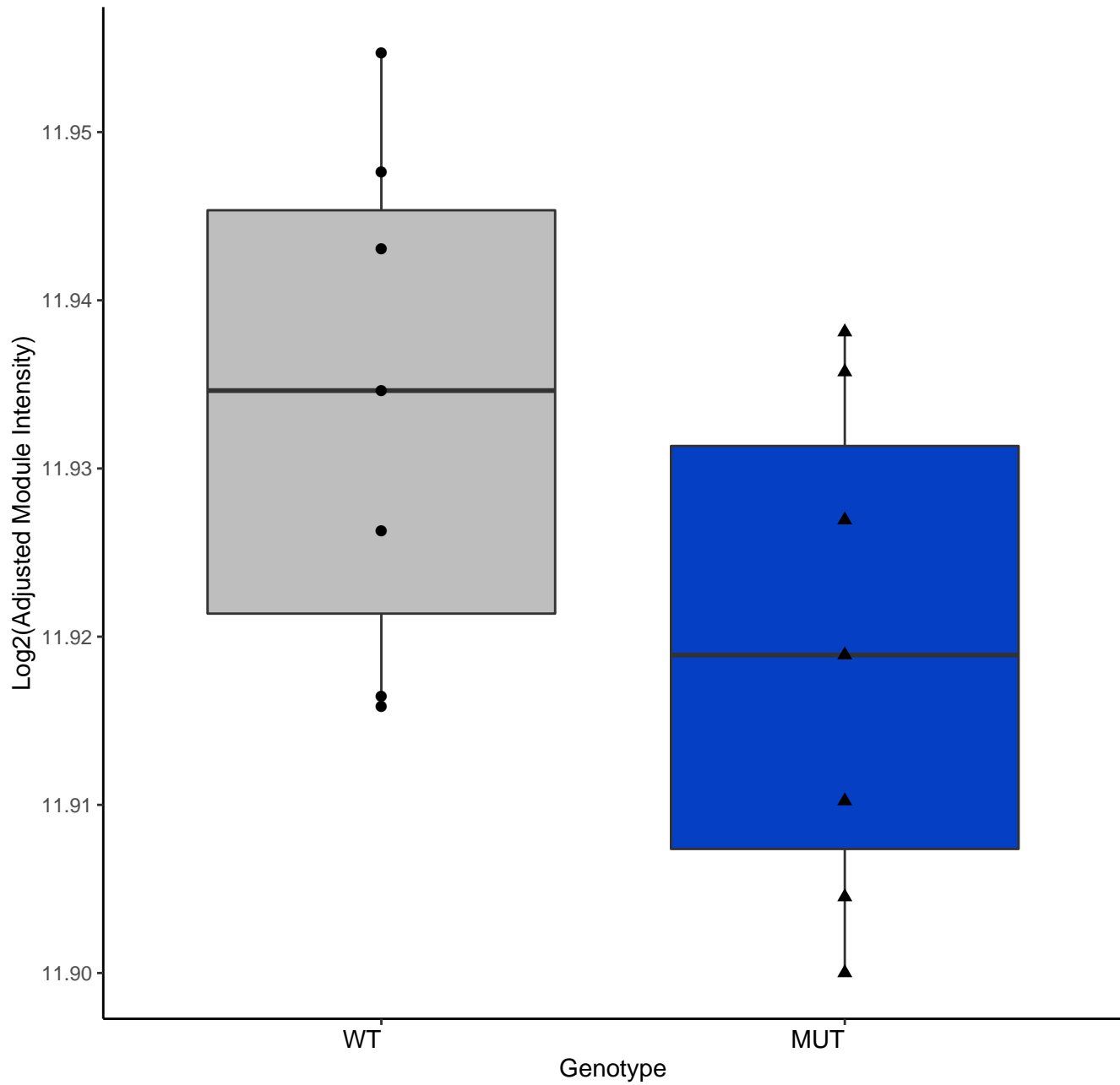
M145



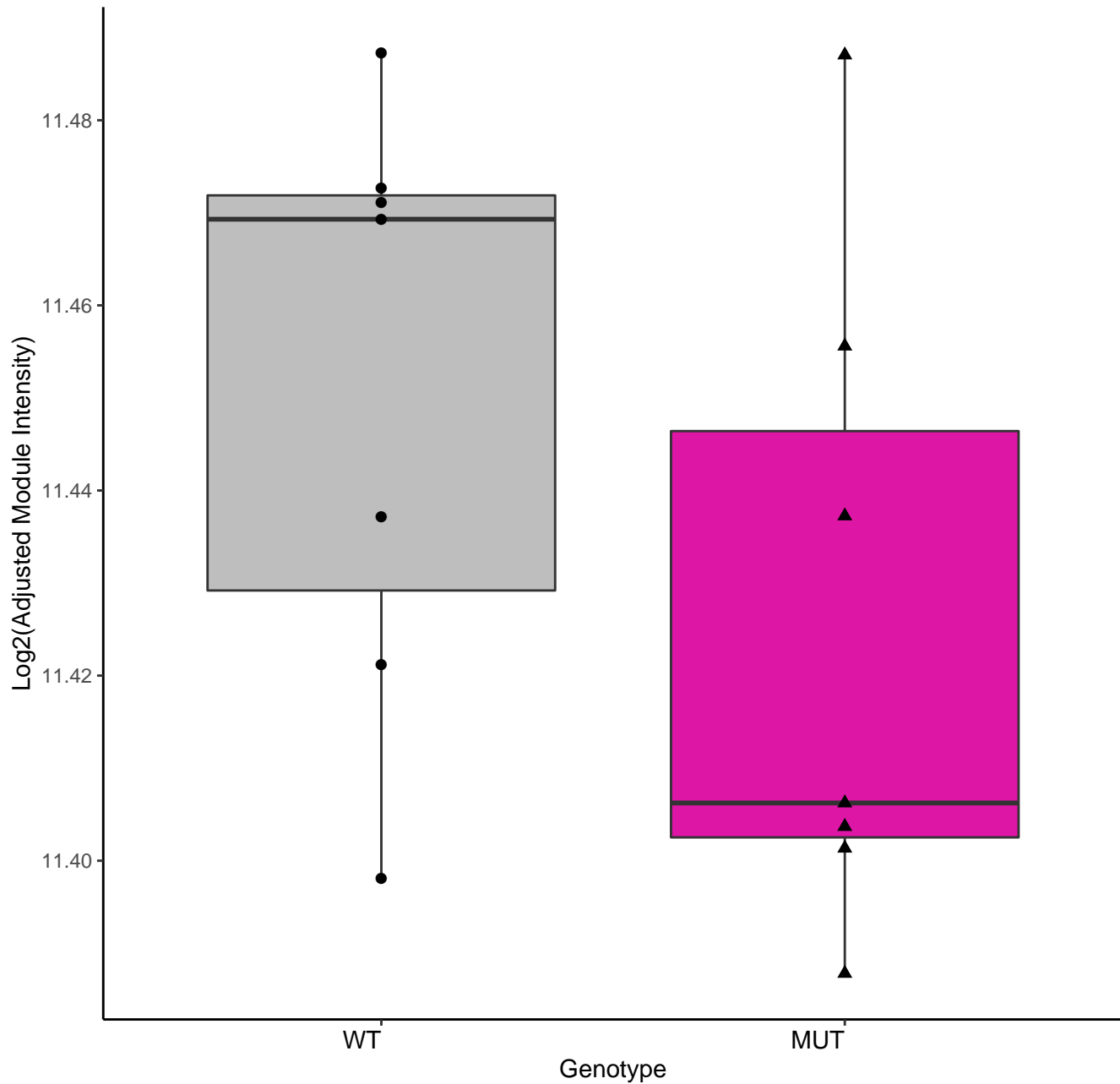
M146



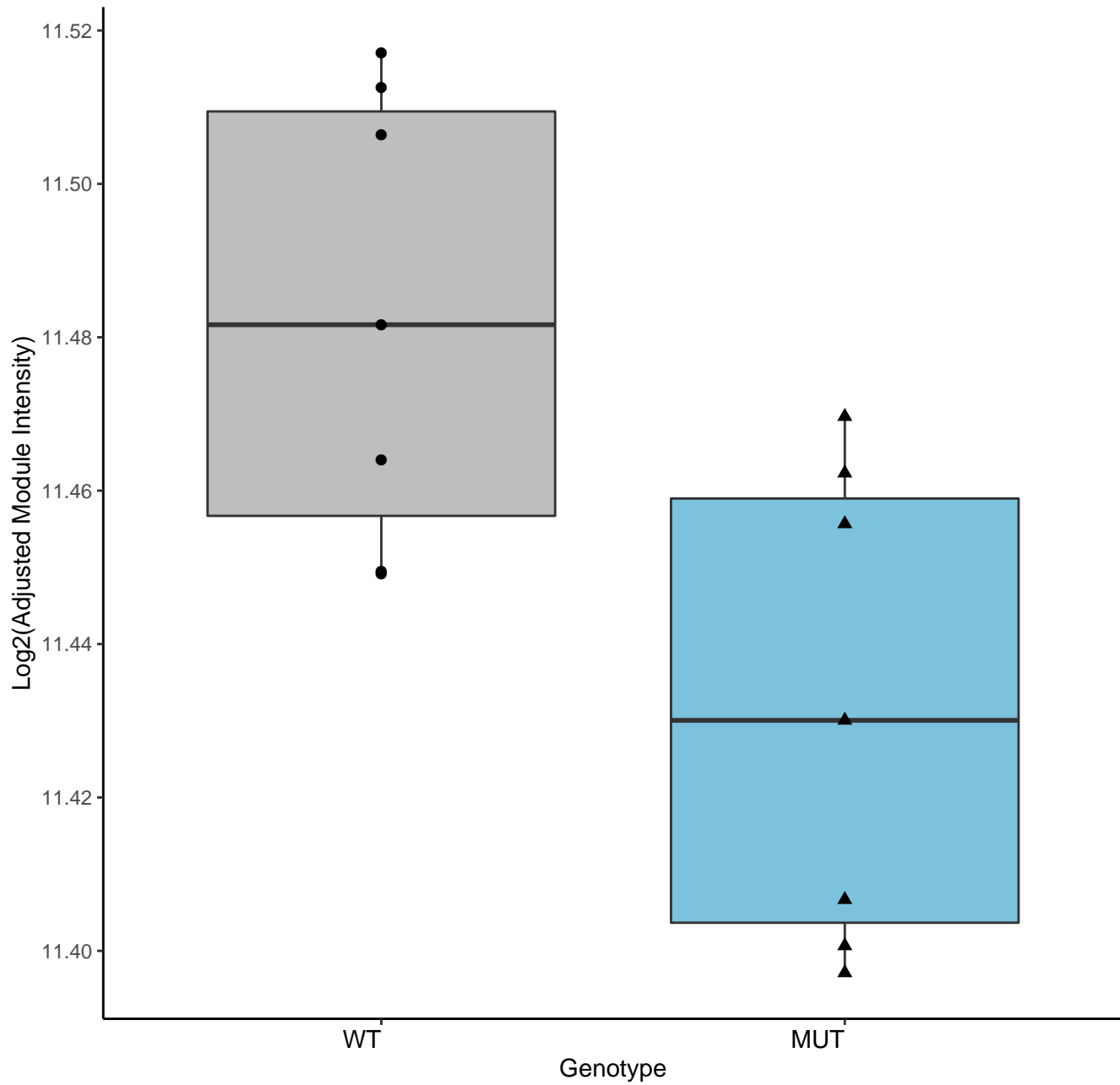
M147



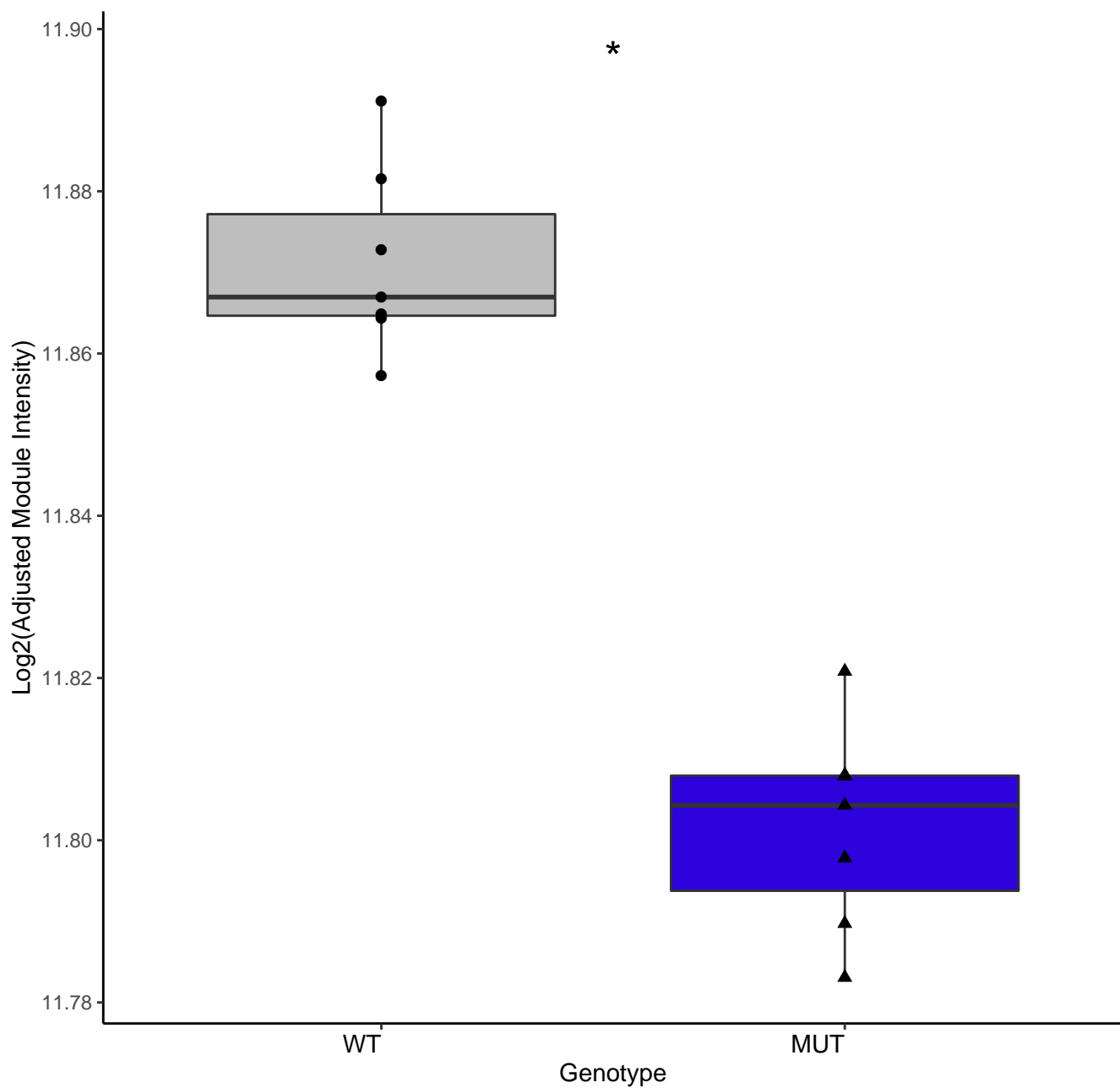
M148



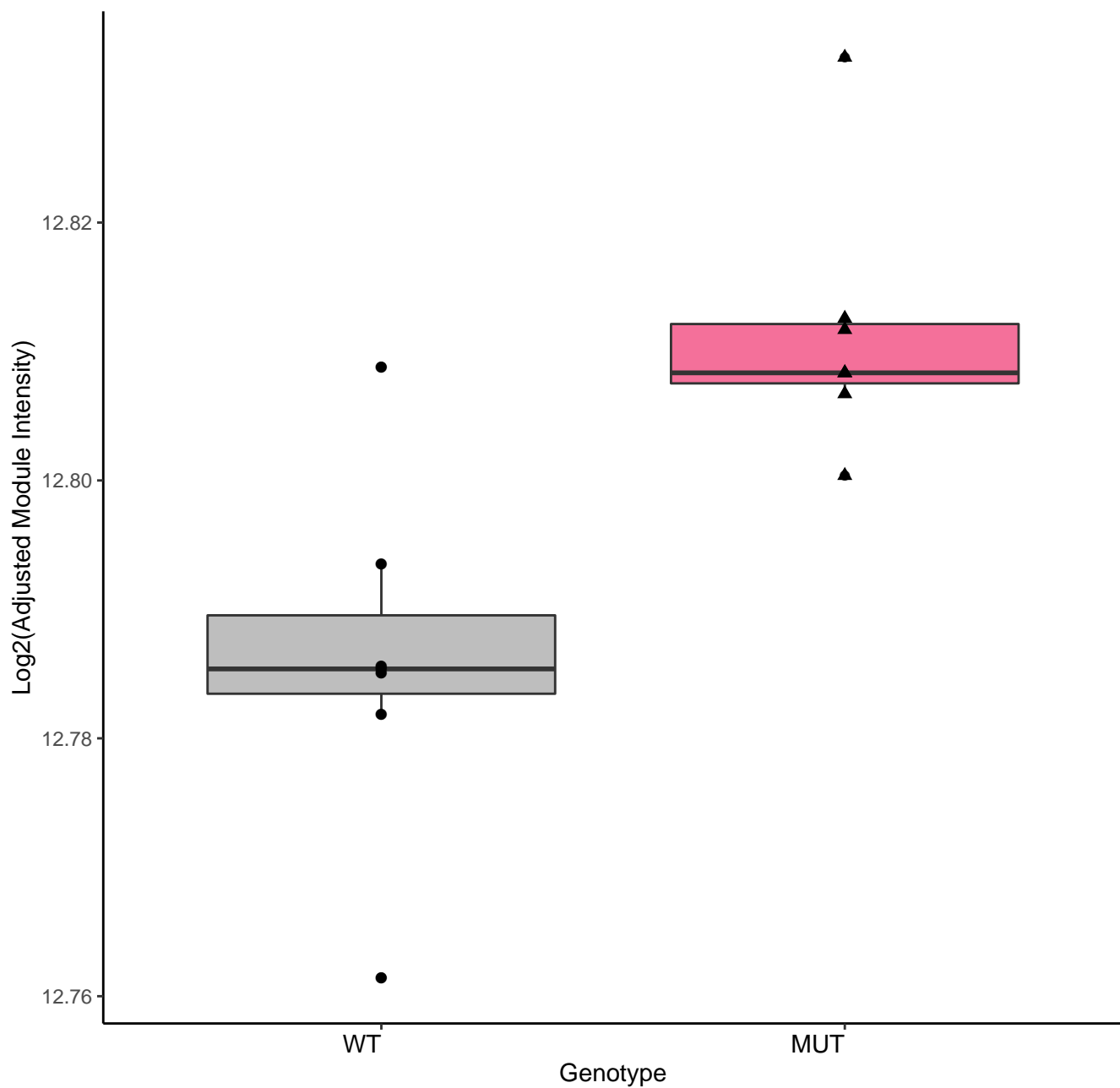
M149



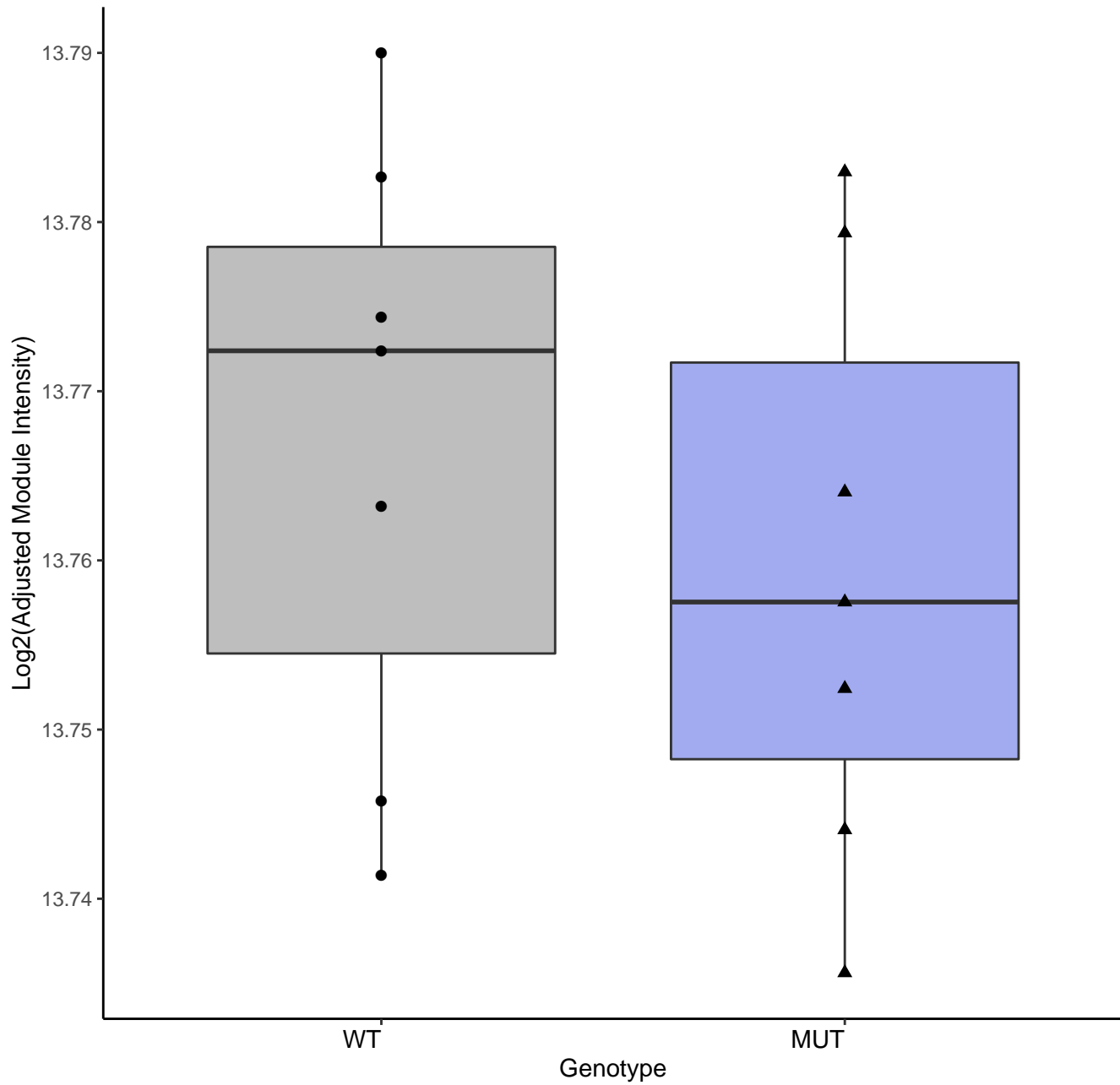
M150



M151



M152



M153

Log2(Adjusted Module Intensity)

14.64

14.63

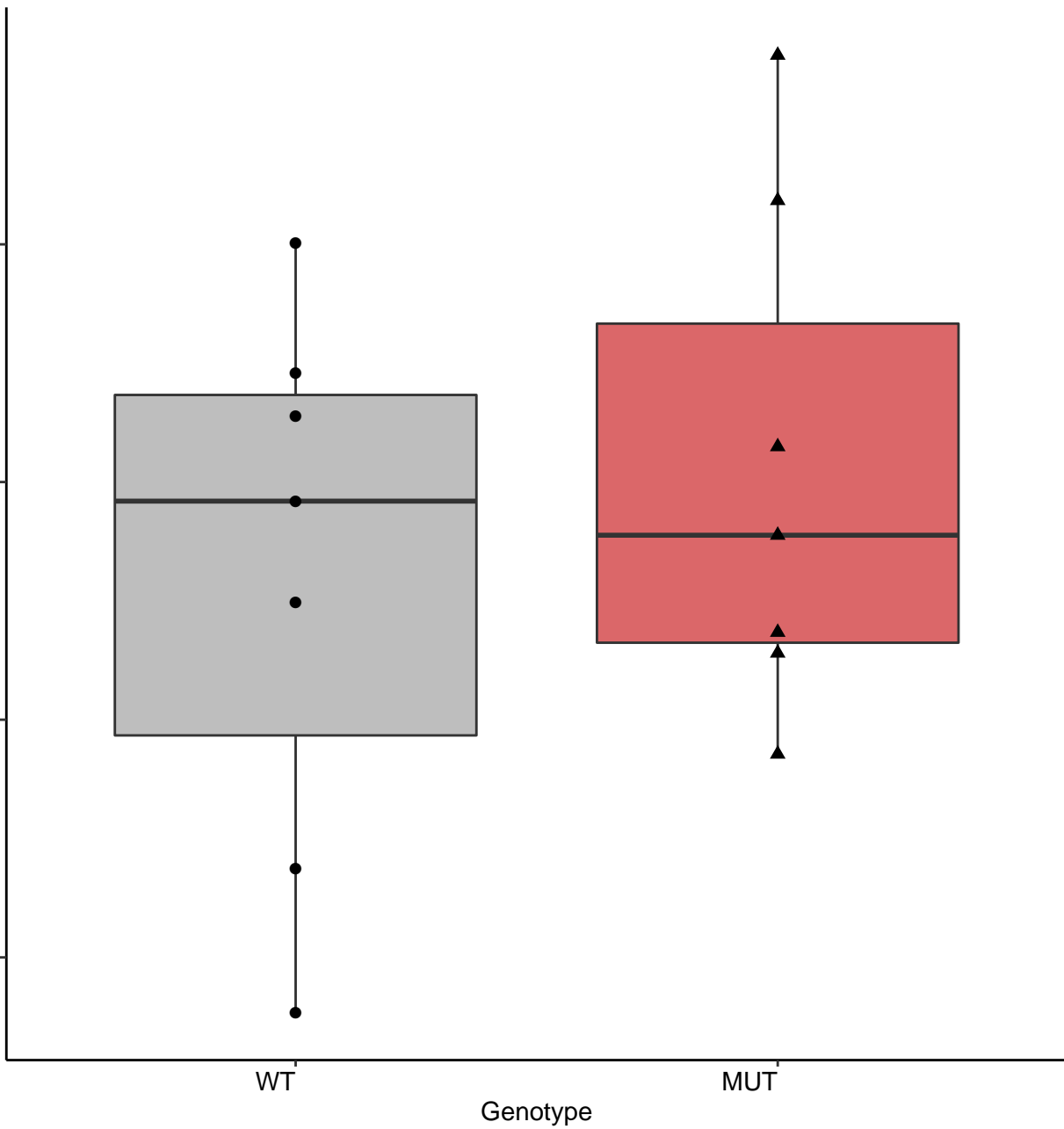
14.62

14.61

WT

Genotype

MUT



M154

Log2(Adjusted Module Intensity)

13.35

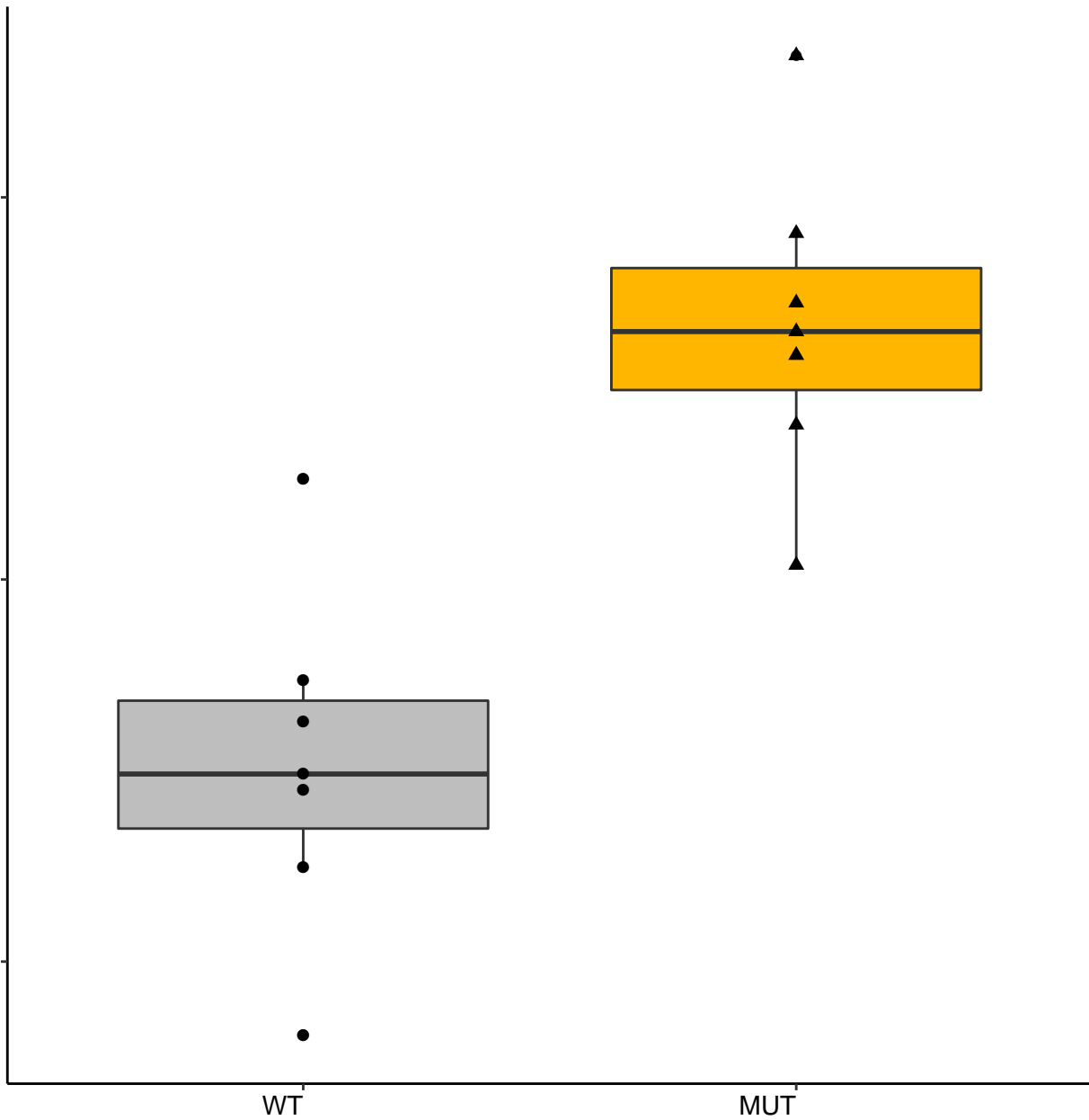
13.30

13.25

WT

MUT

Genotype



M155

**

Log2(Adjusted Module Intensity)

12.65

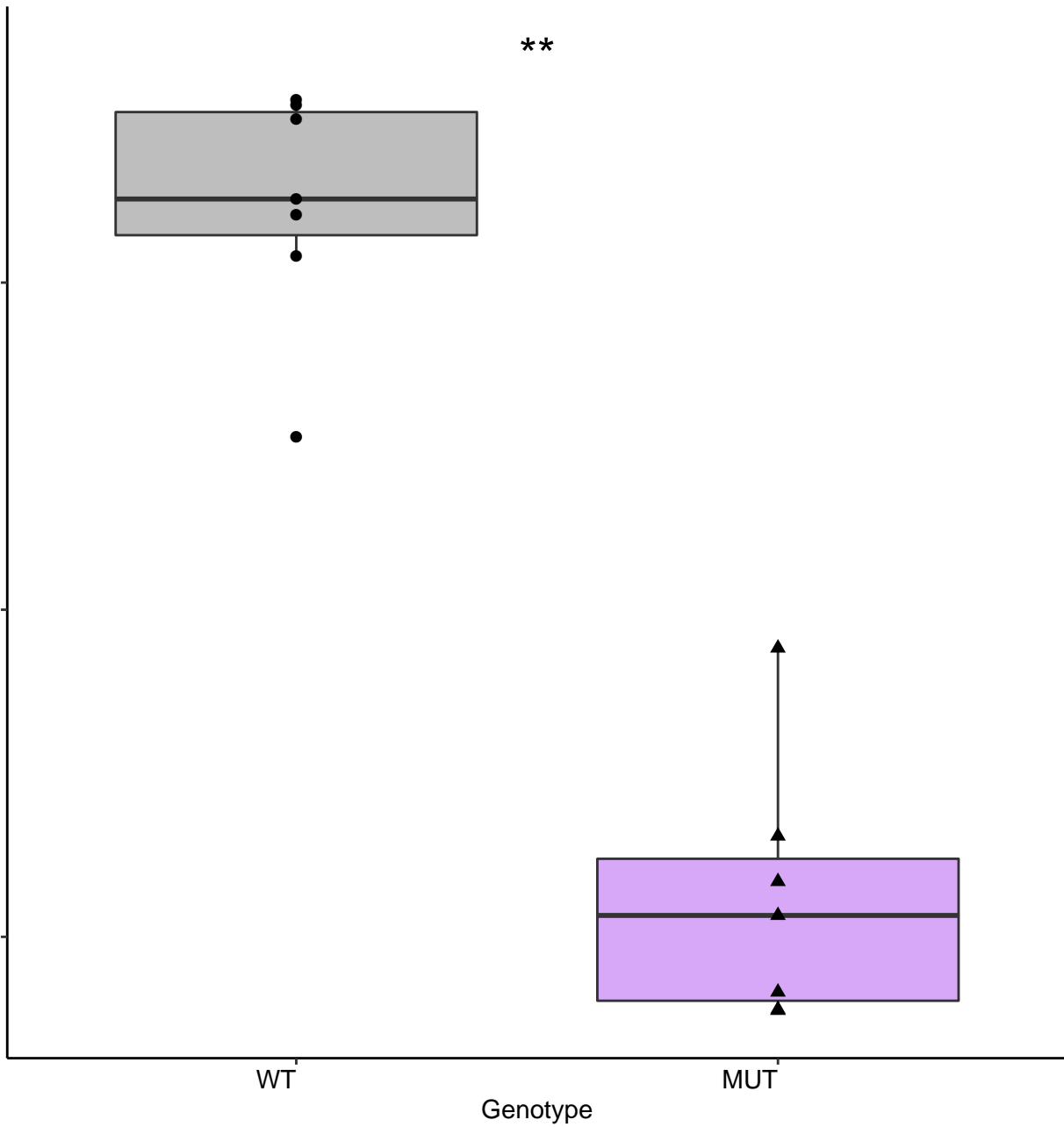
12.60

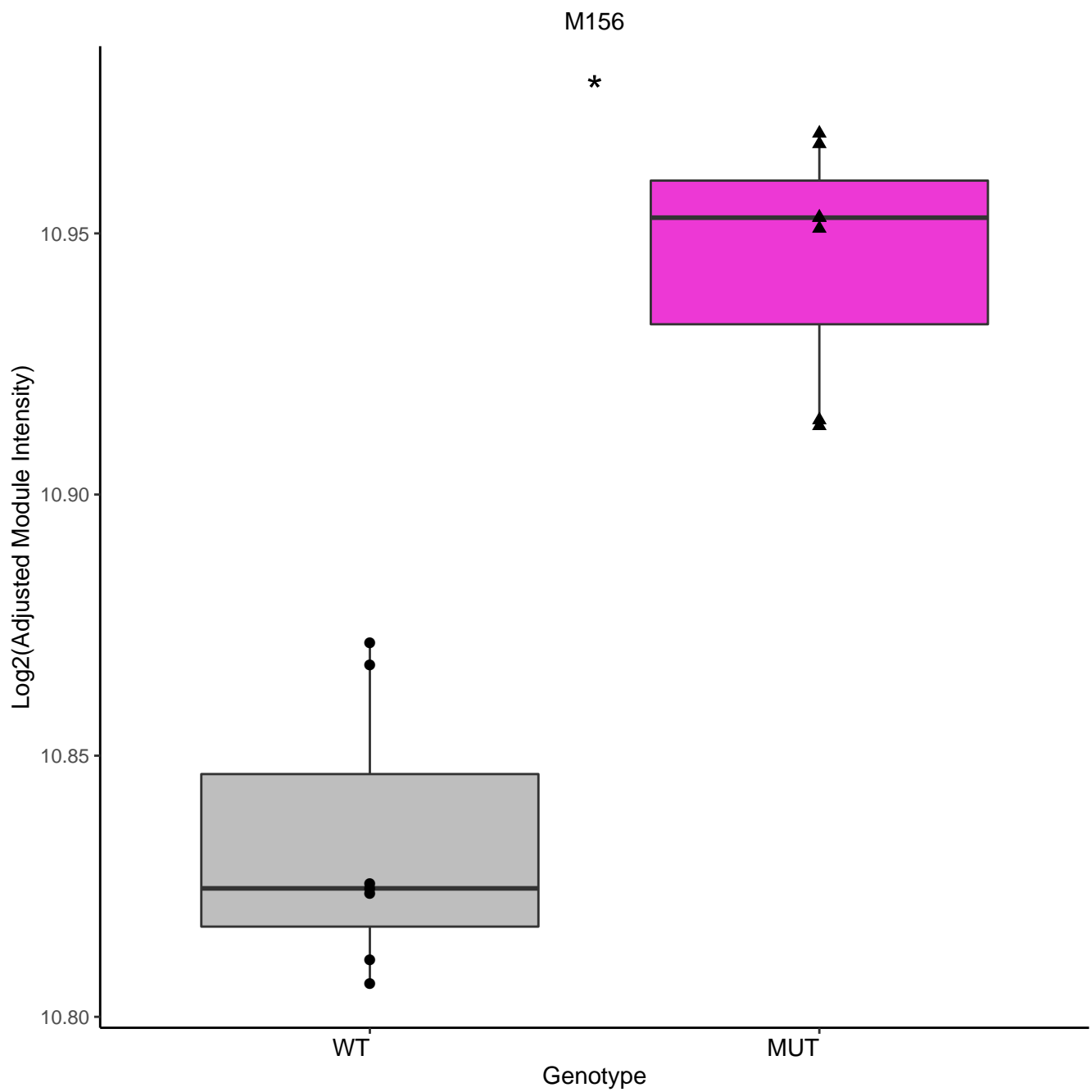
12.55

WT

Genotype

MUT





M157

Log2(Adjusted Module Intensity)

14.00

13.98

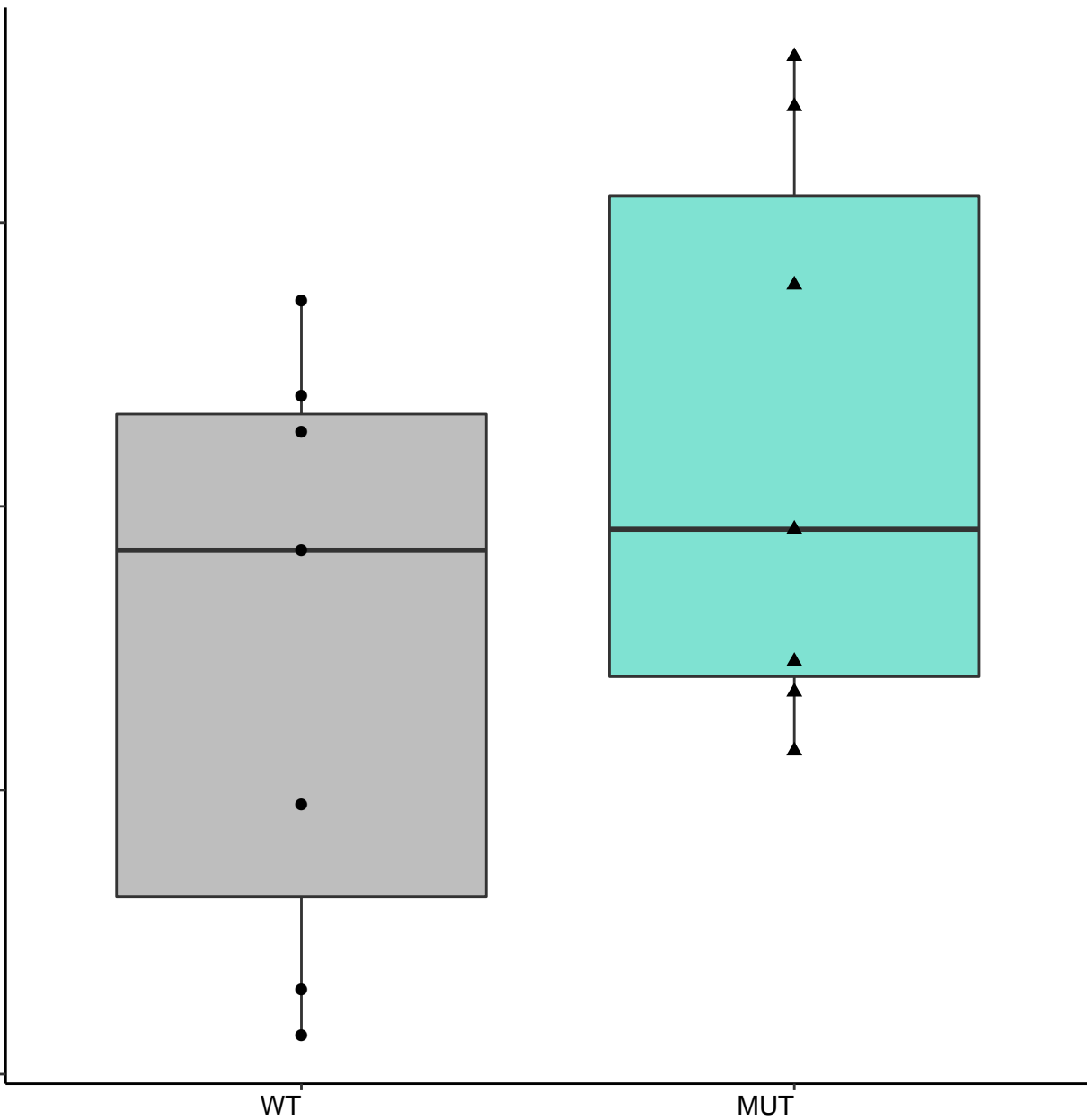
13.96

13.94

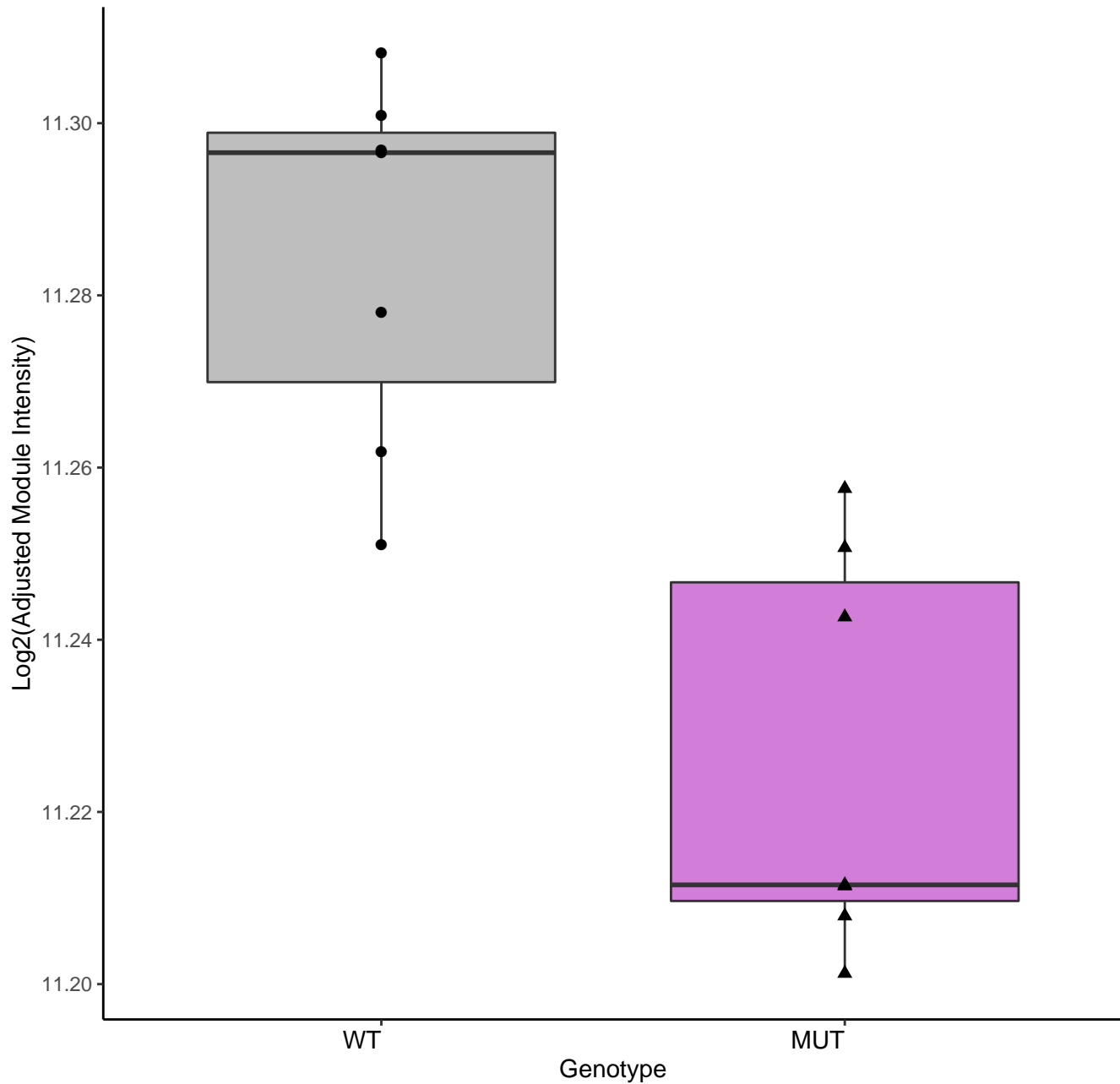
WT

Genotype

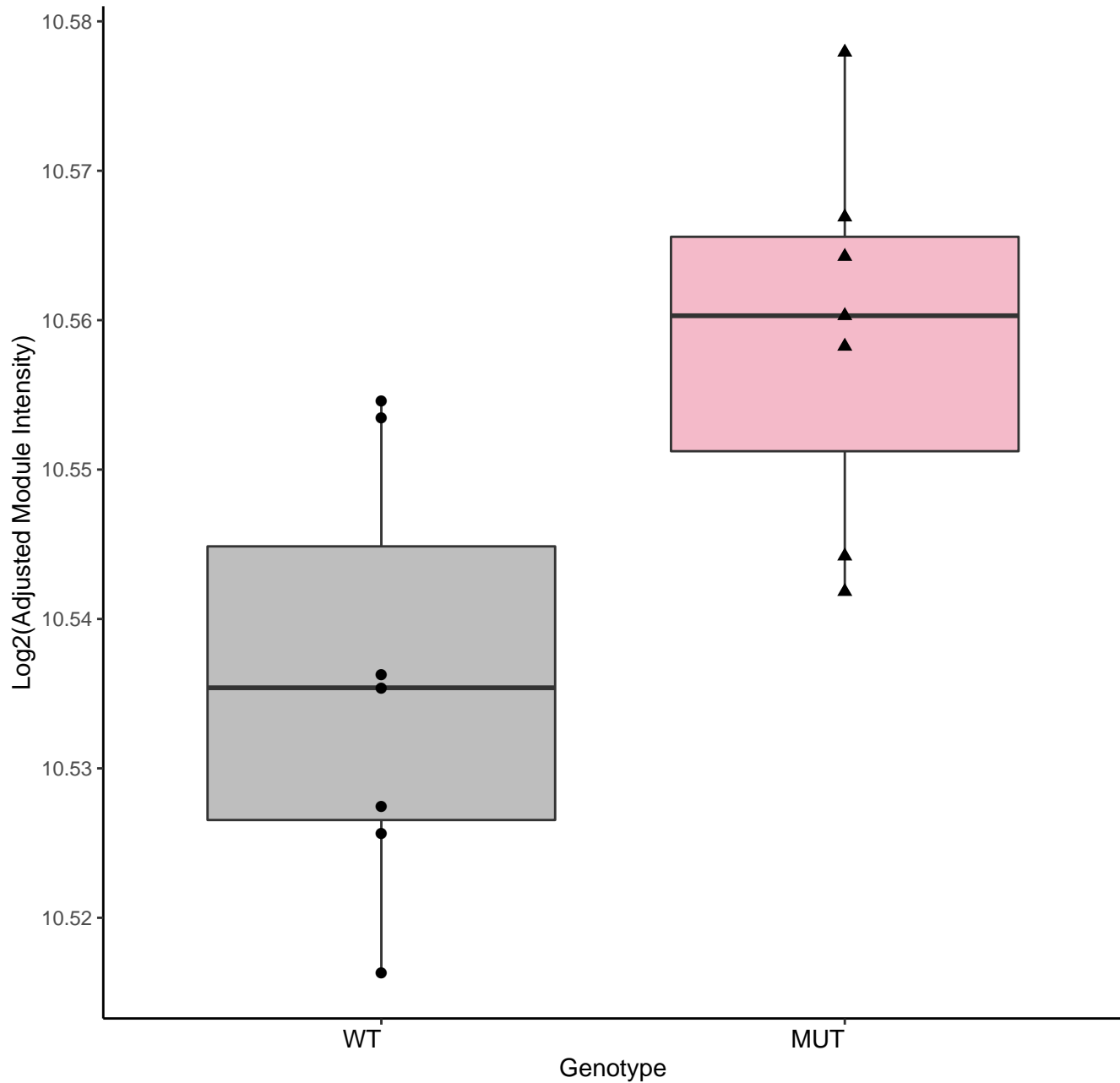
MUT



M158



M159



M160

Log2(Adjusted Module Intensity)

14.46

14.44

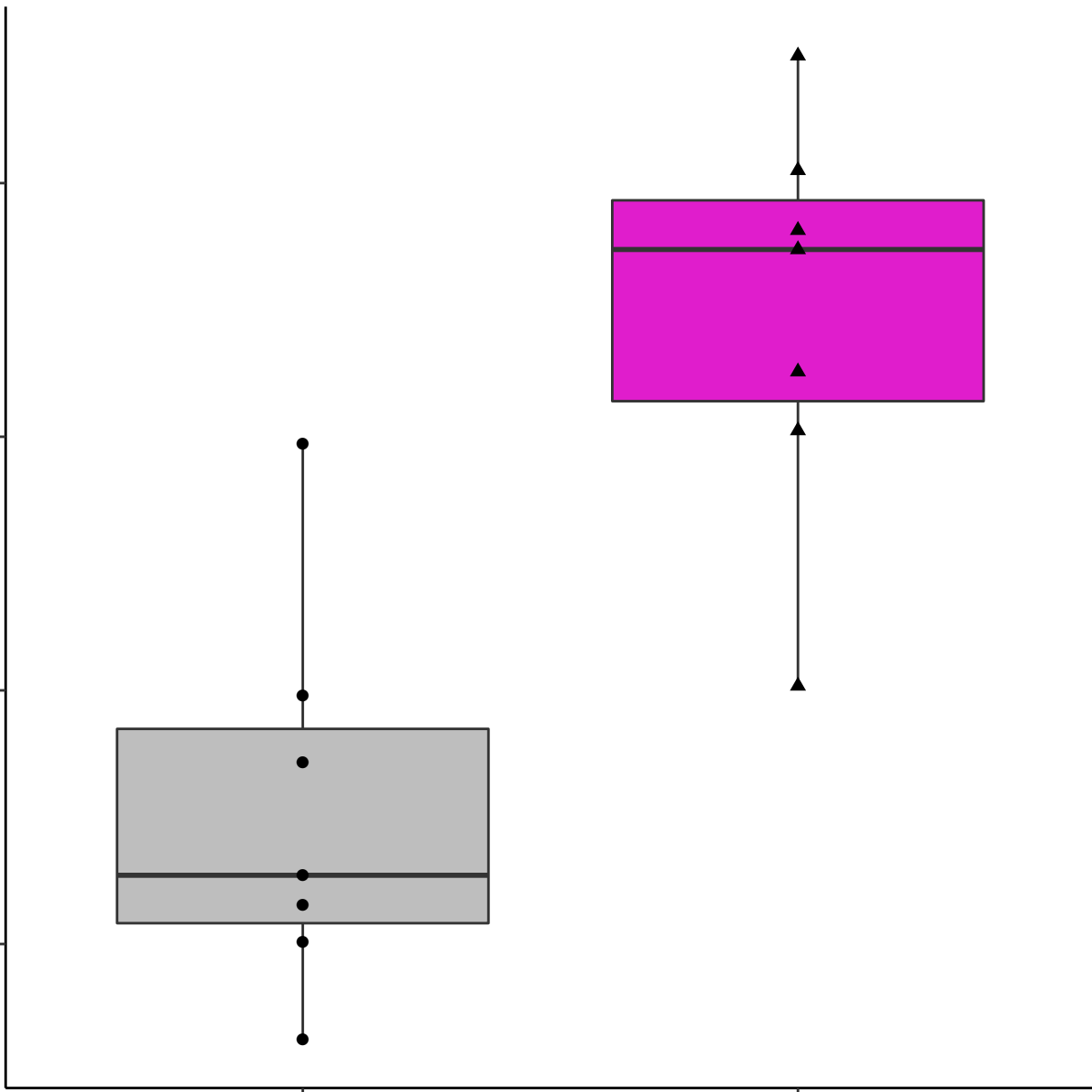
14.42

14.40

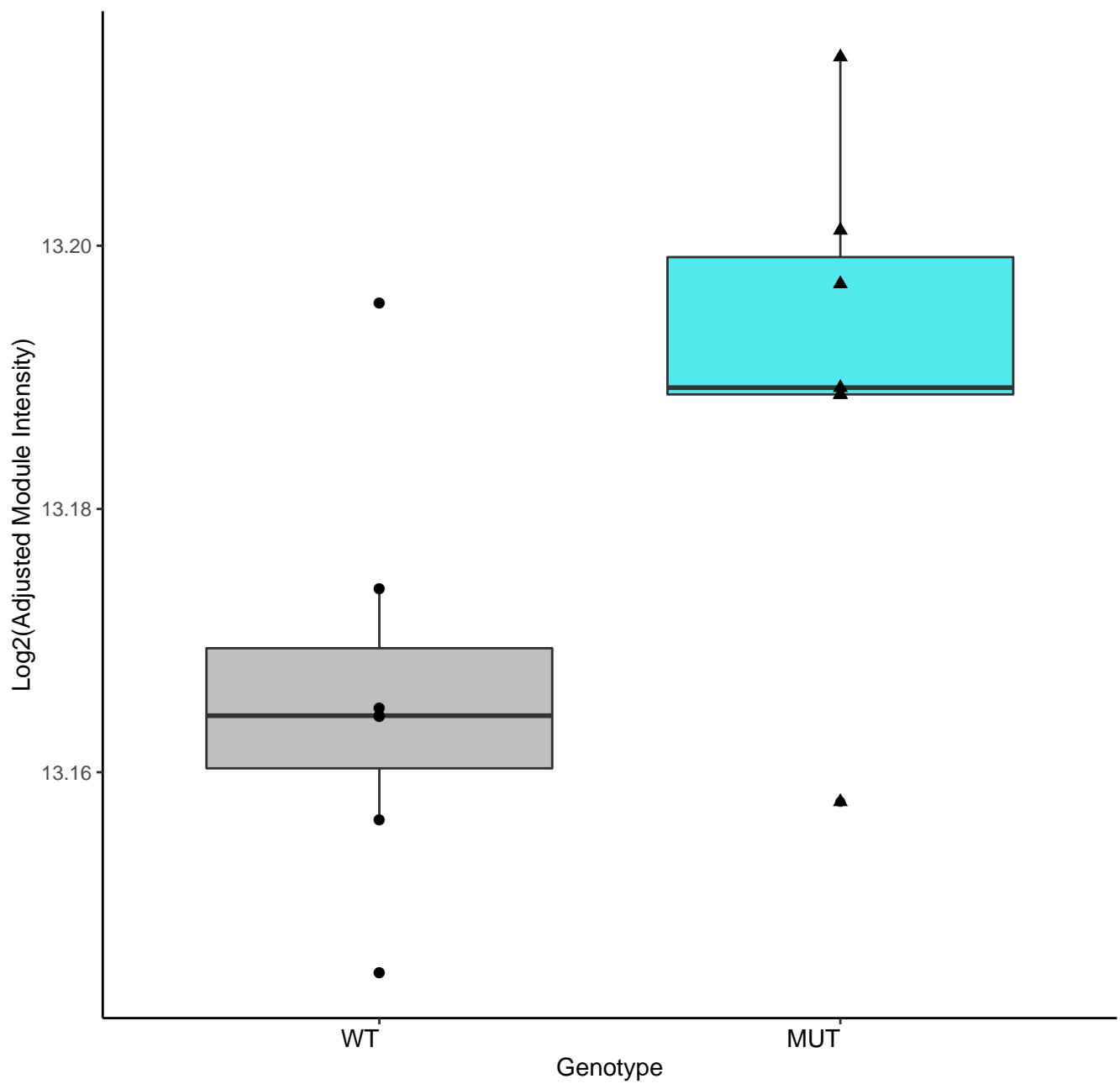
WT

Genotype

MUT



M161



M162

Log2(Adjusted Module Intensity)

13.74

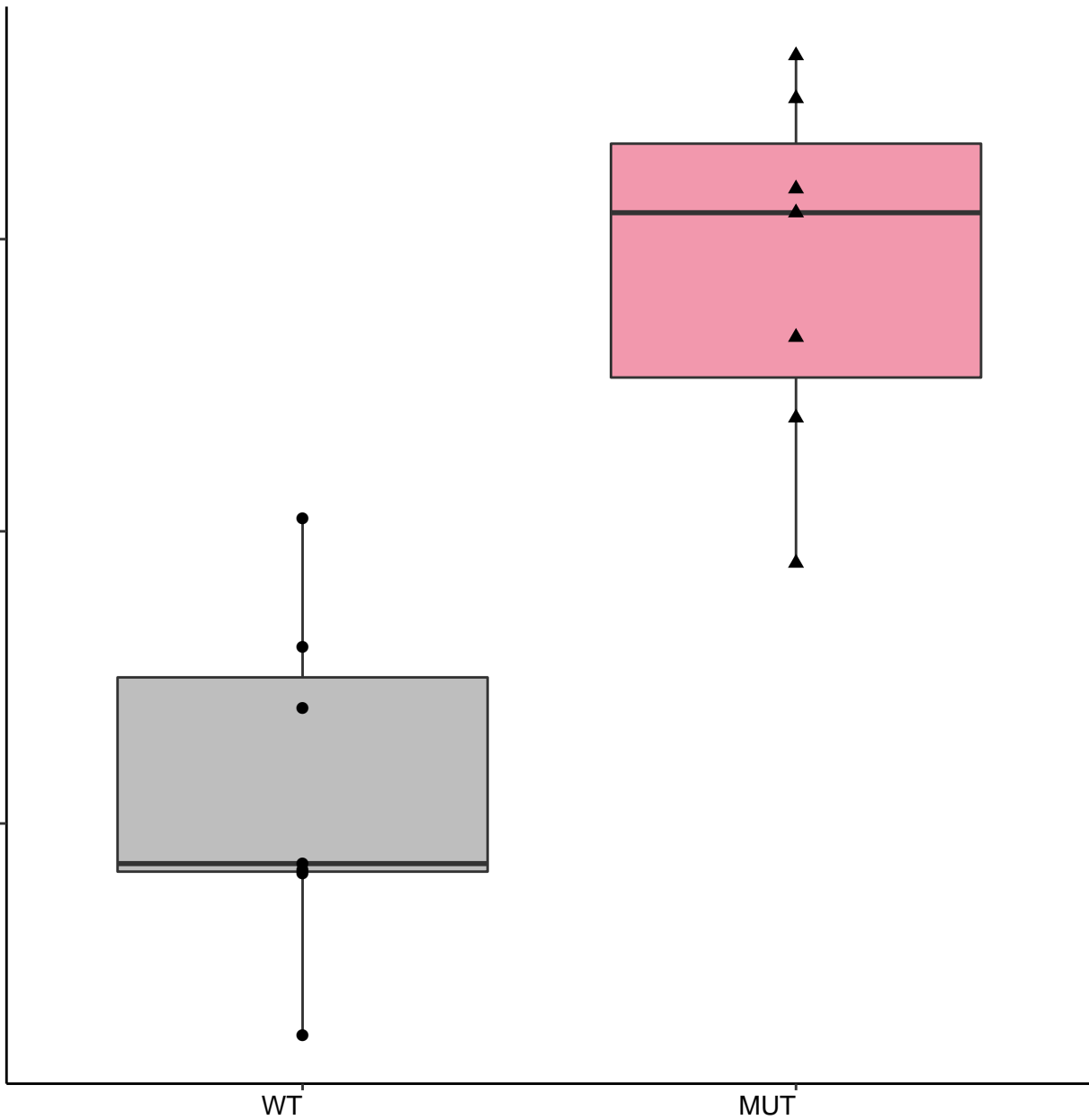
13.72

13.70

WT

MUT

Genotype



M163

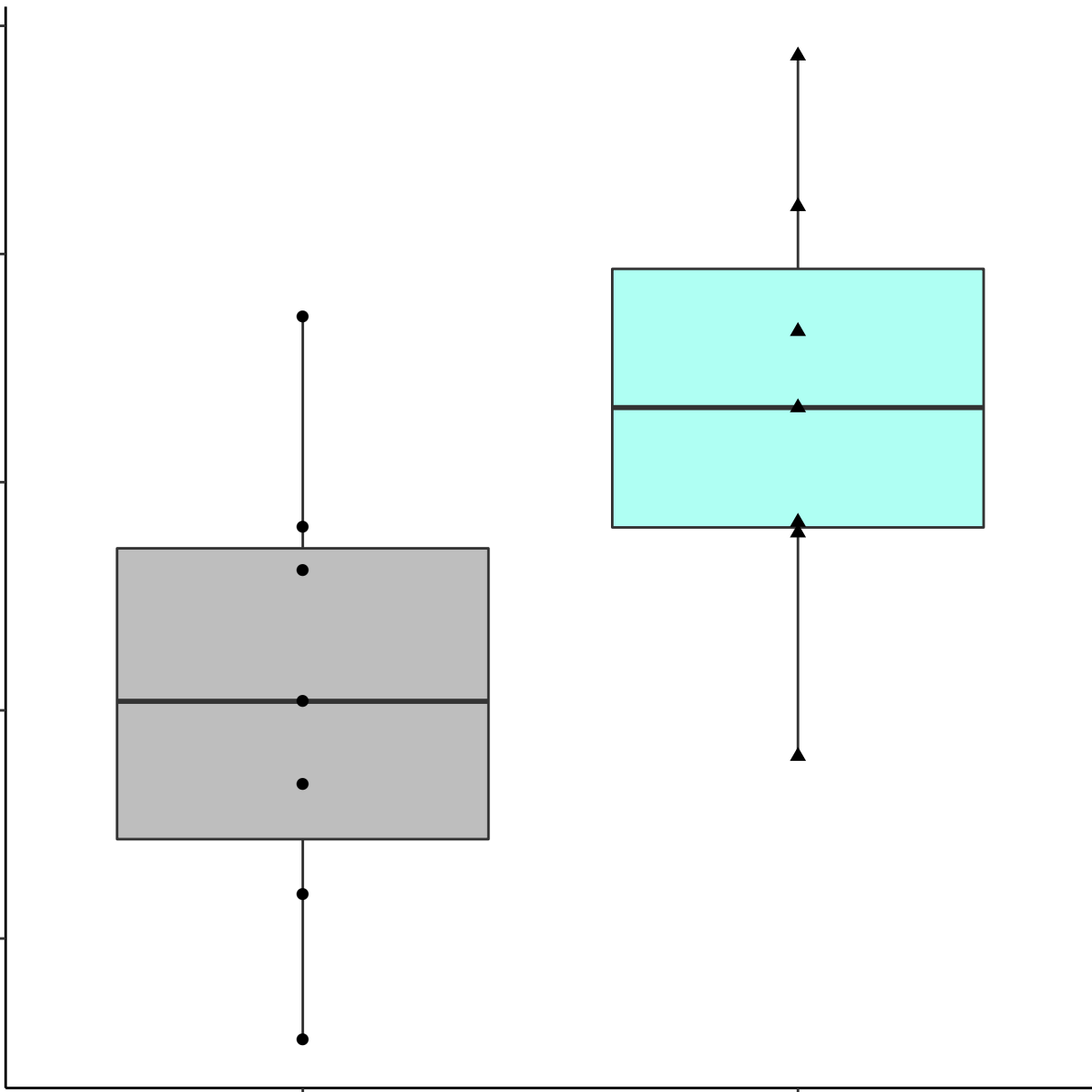
Log2(Adjusted Module Intensity)

14.30
14.29
14.28
14.27
14.26

WT

Genotype

MUT



M164

Log2(Adjusted Module Intensity)

13.93

13.92

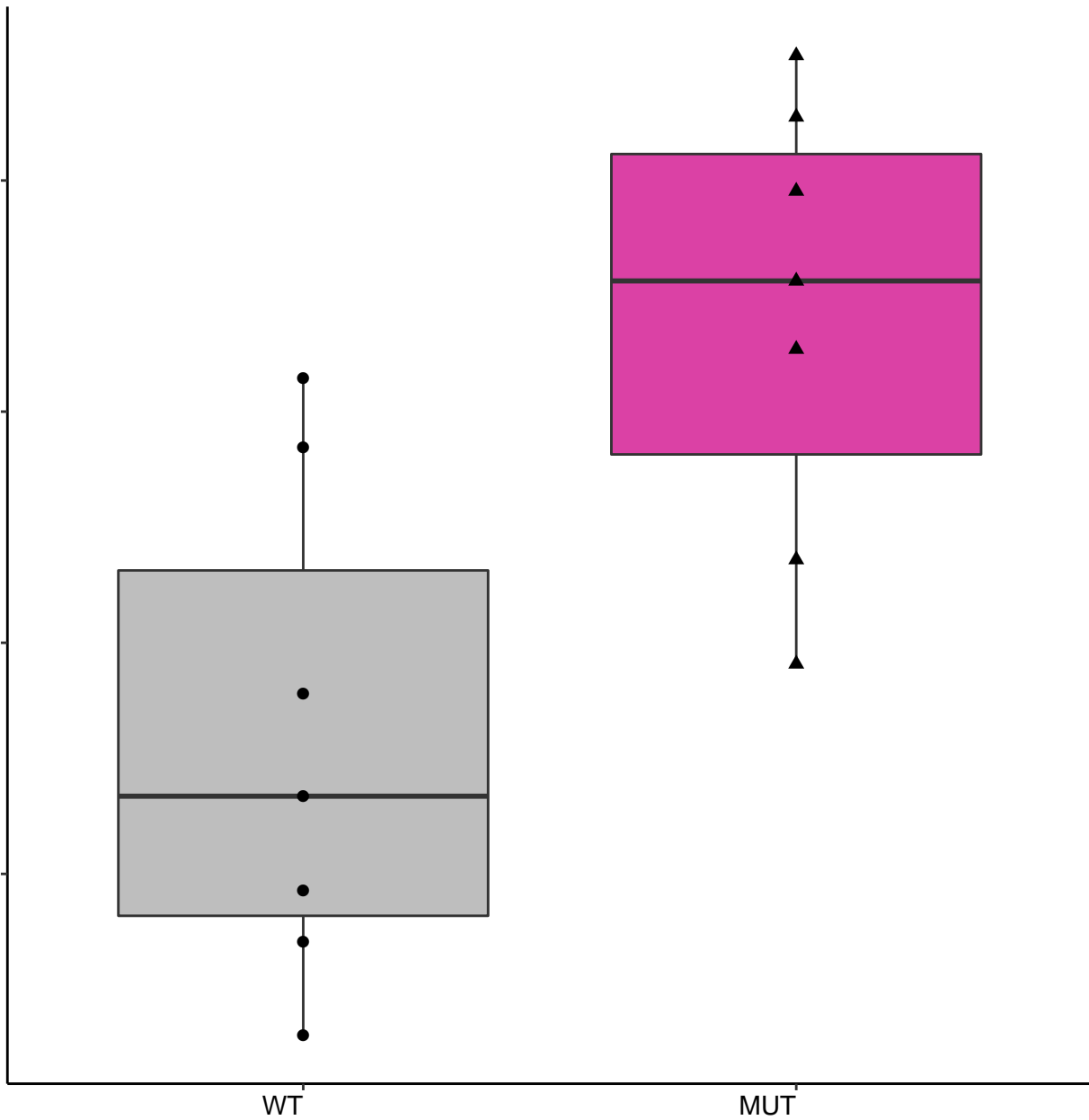
13.91

13.90

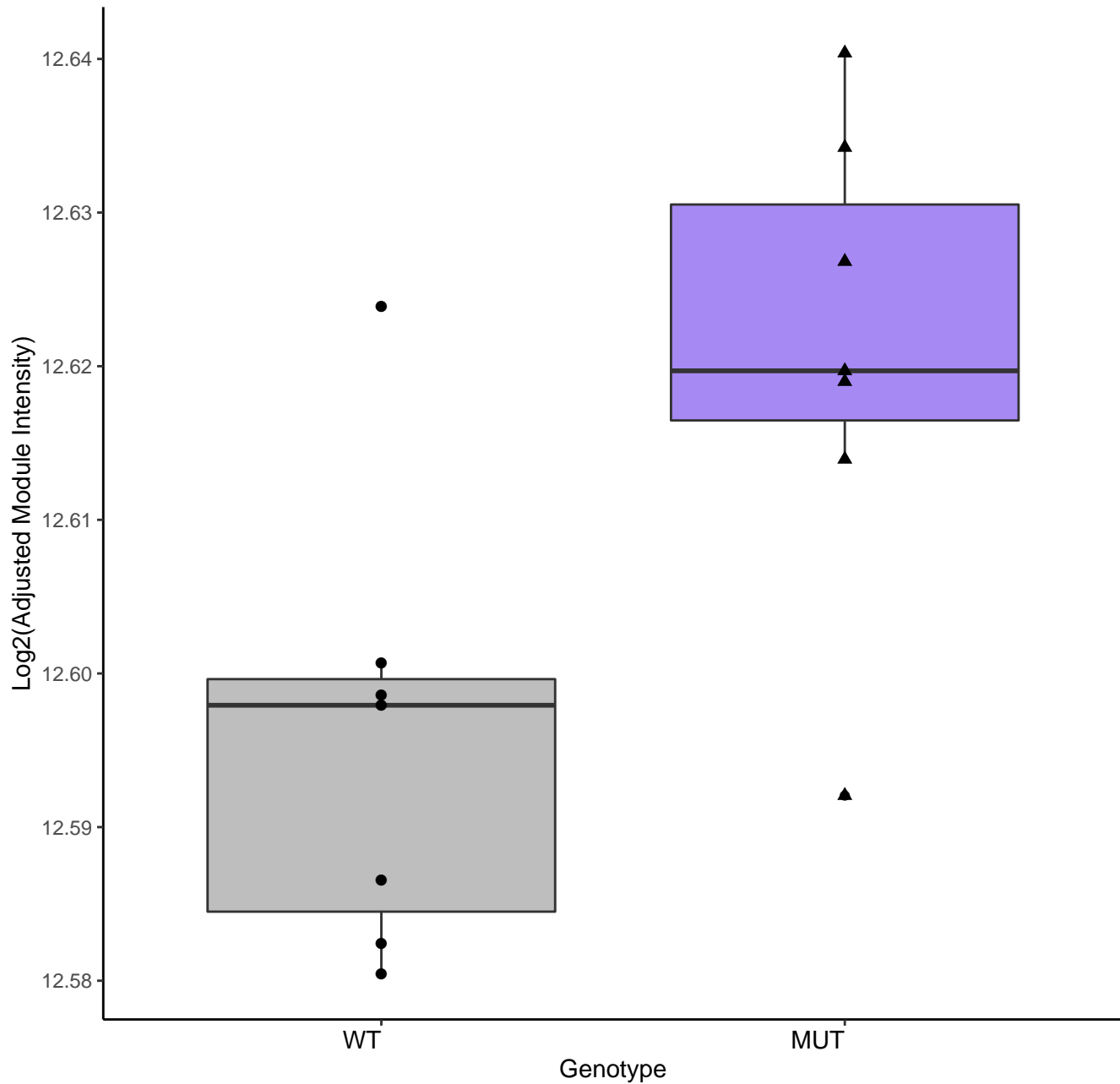
WT

Genotype

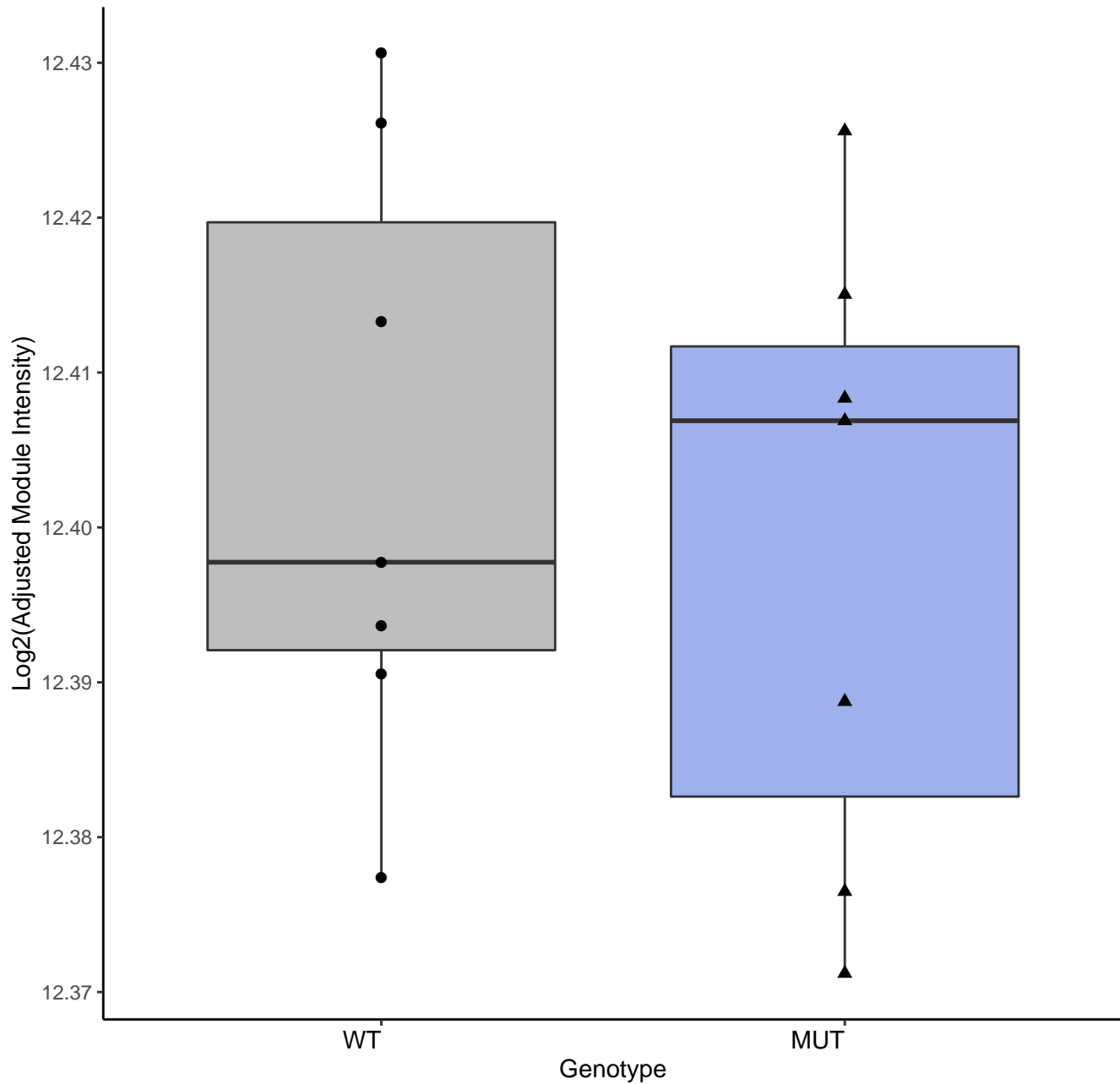
MUT



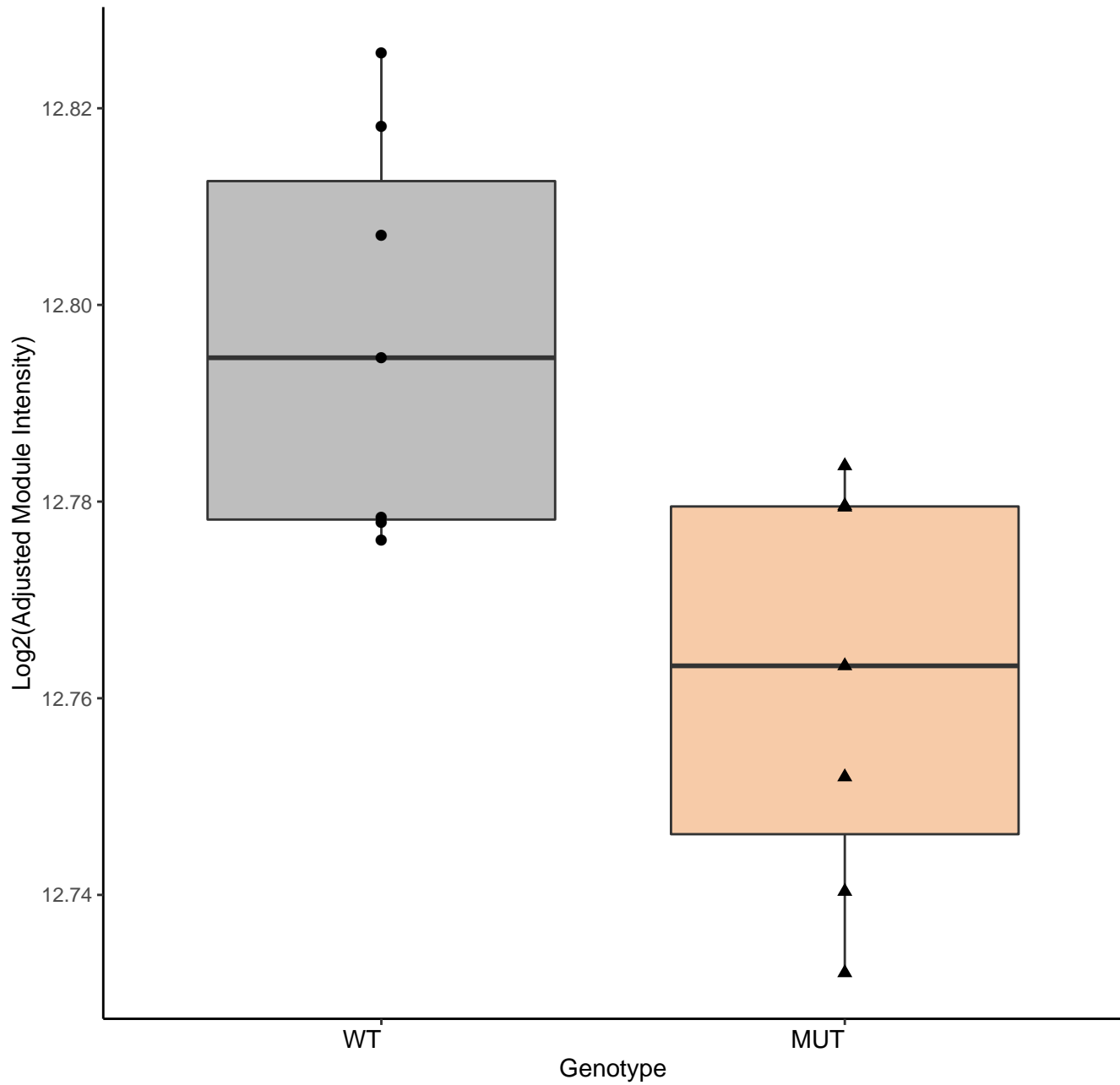
M165



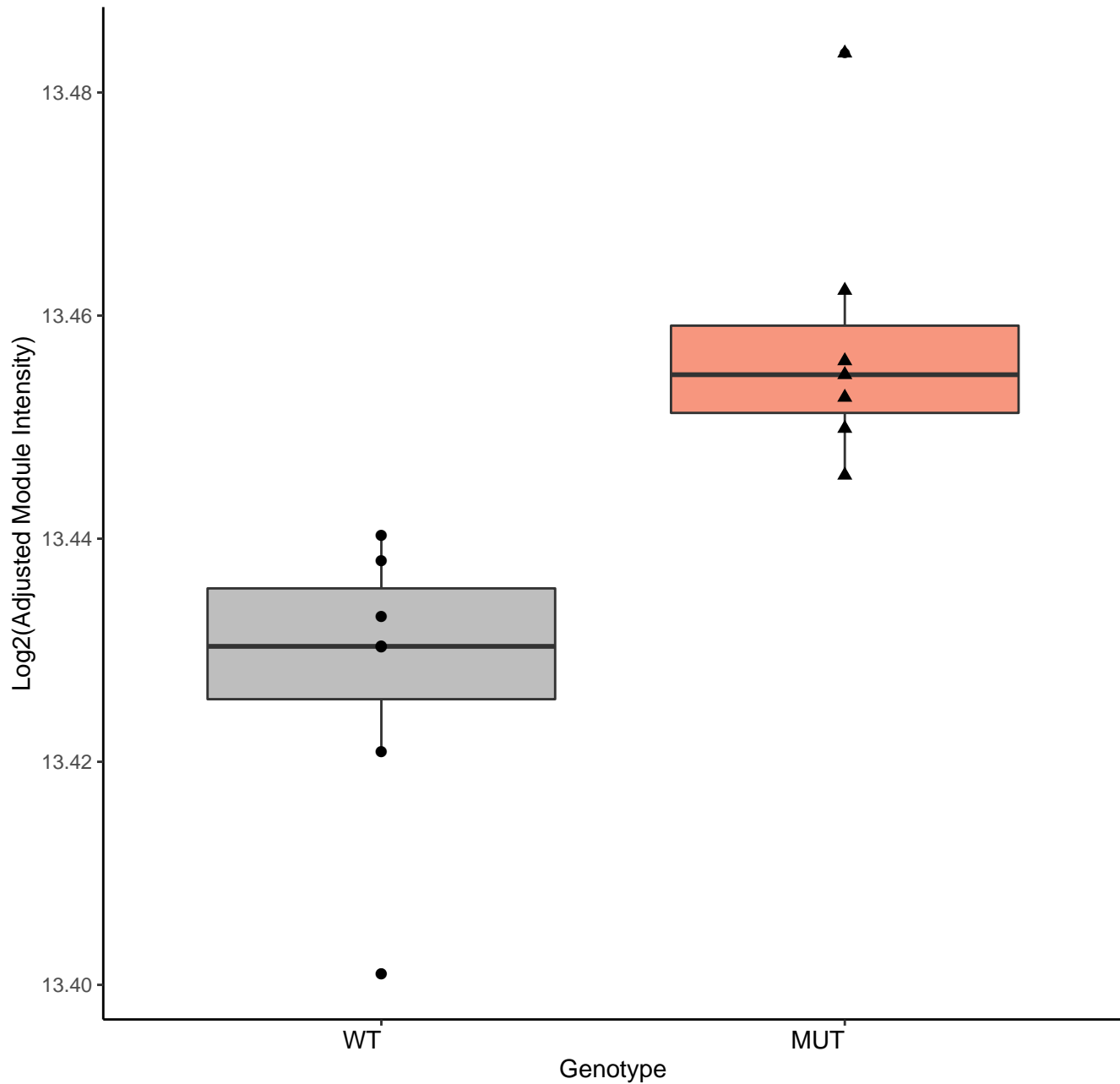
M166



M167



M168



M169

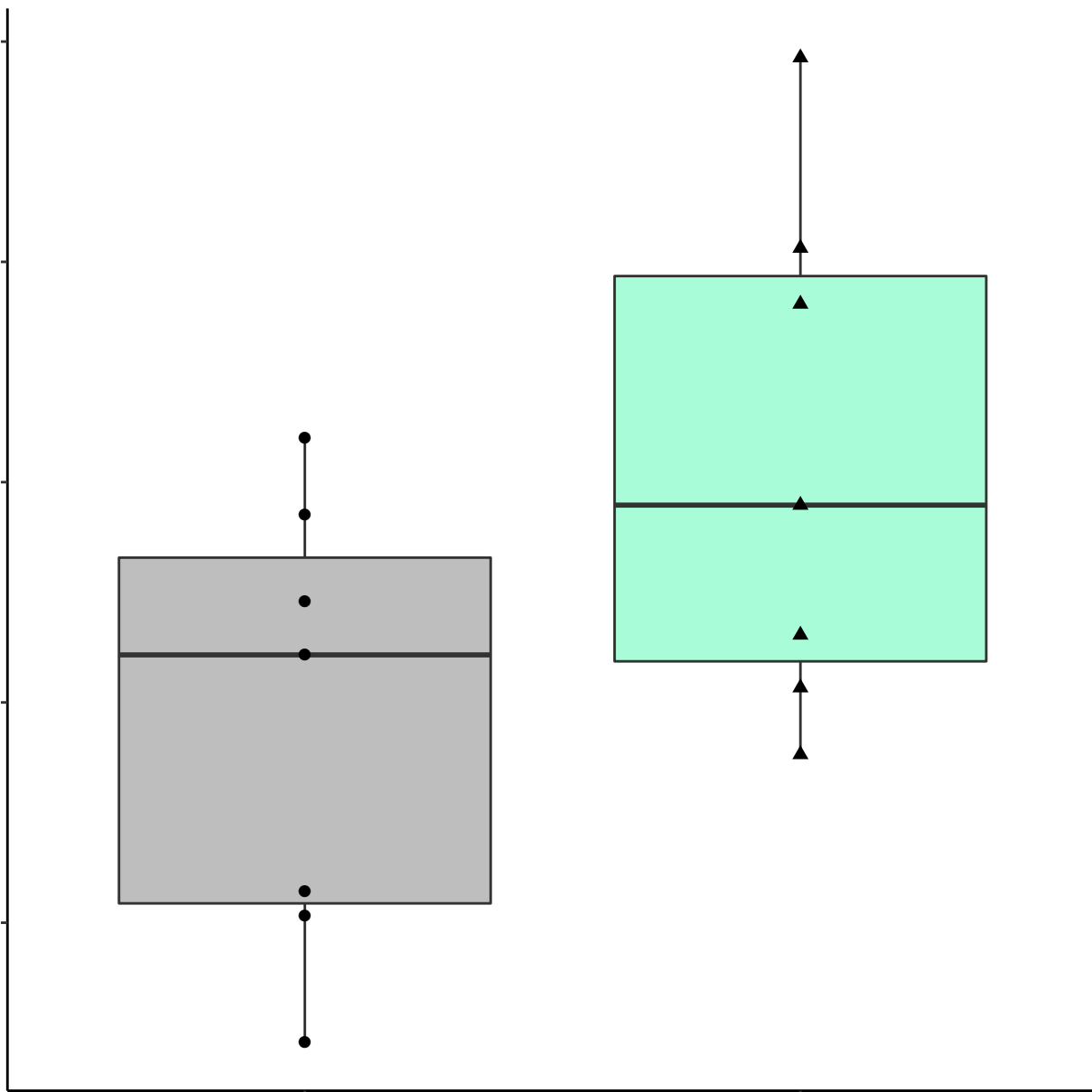
Log2(Adjusted Module Intensity)

11.44
11.43
11.42
11.41
11.40

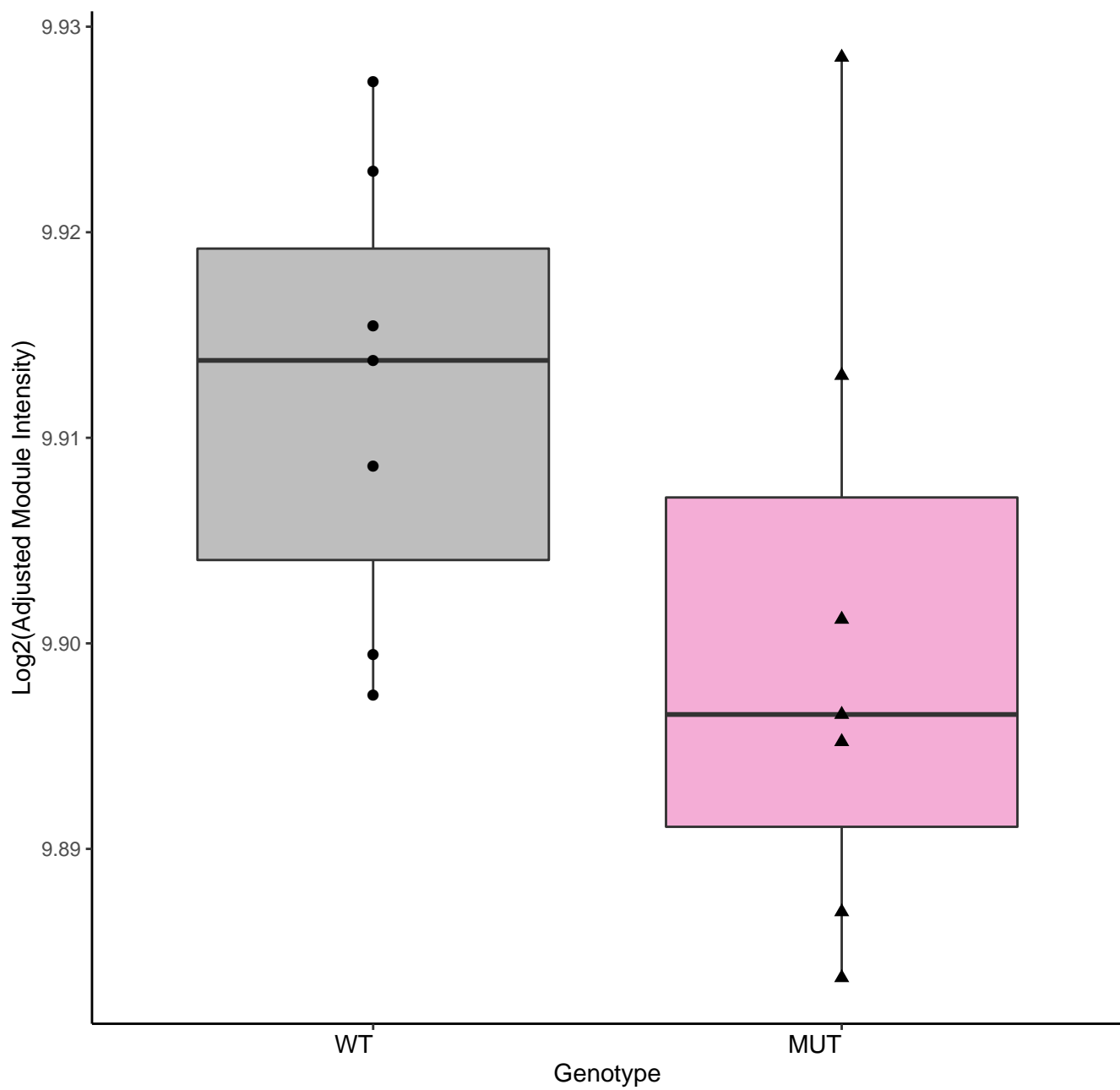
WT

MUT

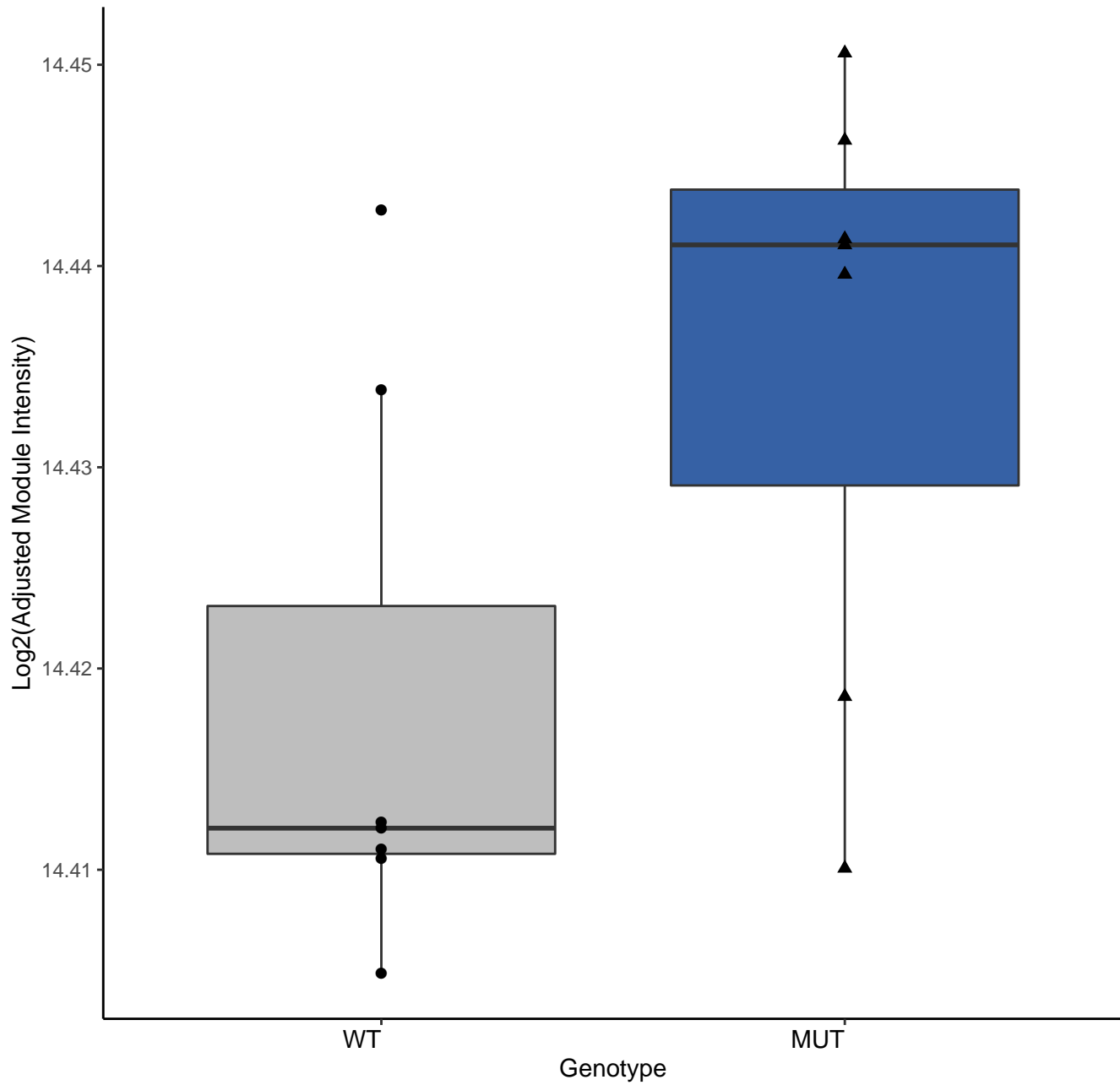
Genotype



M170



M171



M172

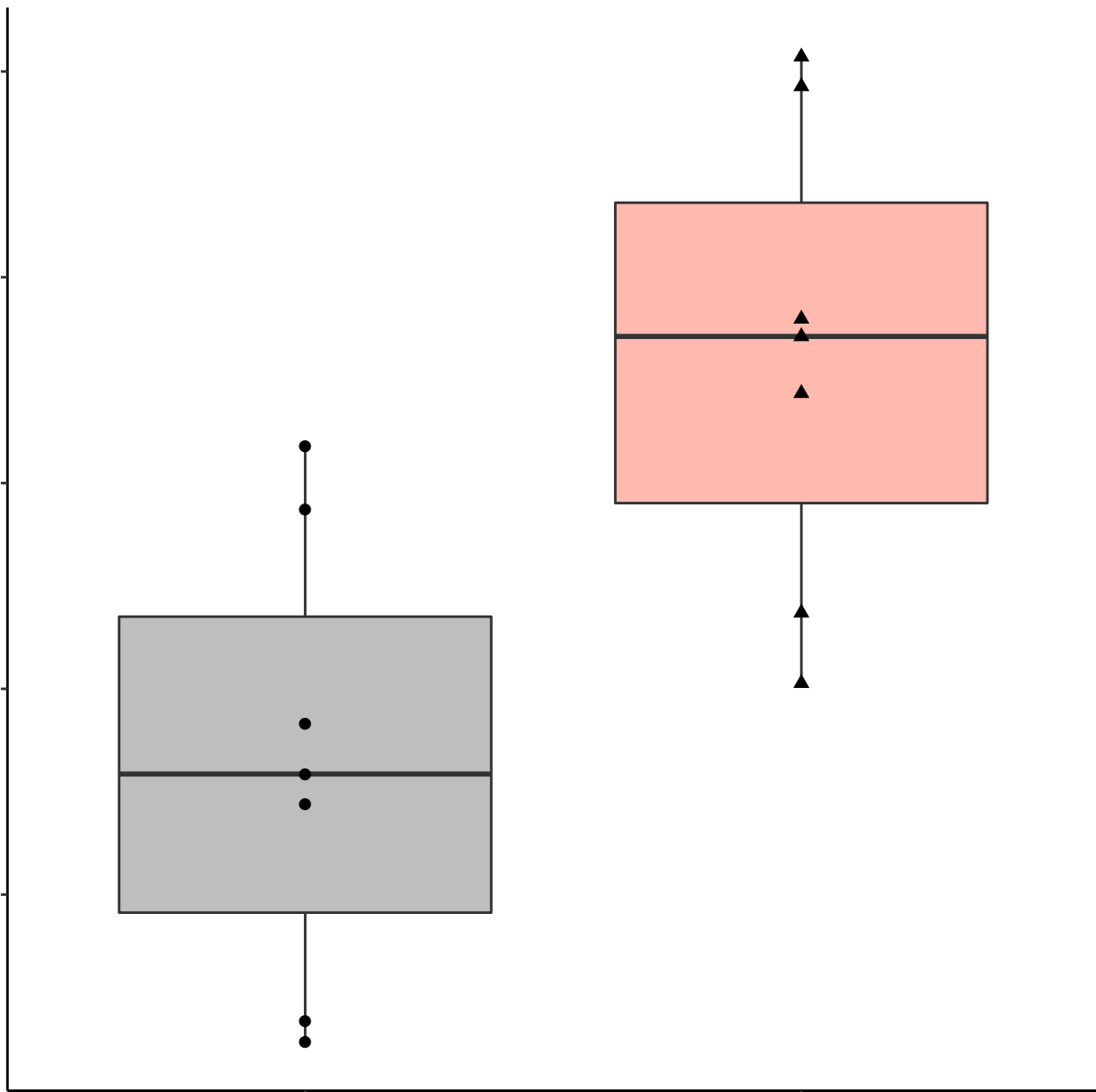
Log2(Adjusted Module Intensity)

14.56
14.54
14.52
14.50
14.48

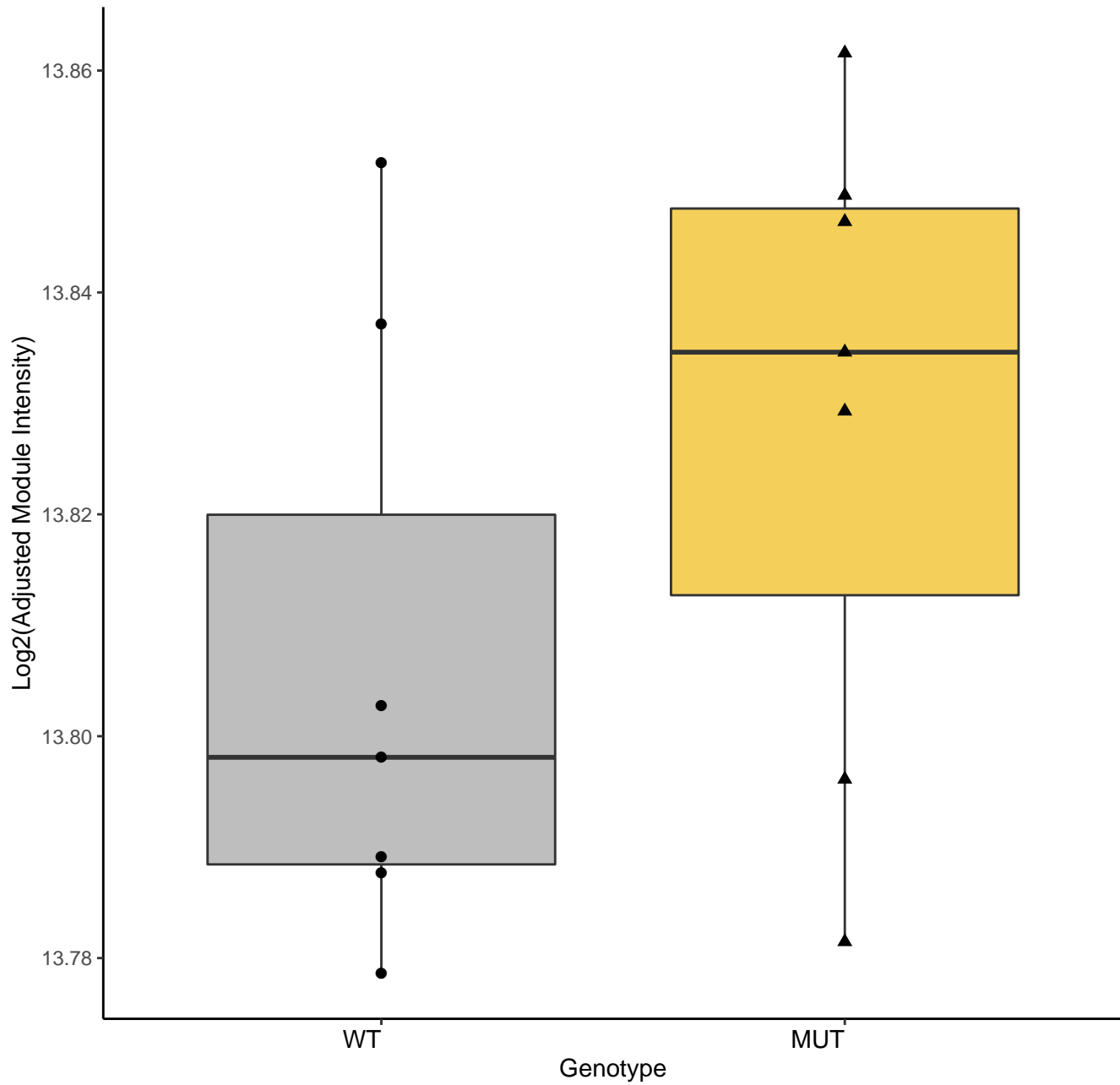
WT

MUT

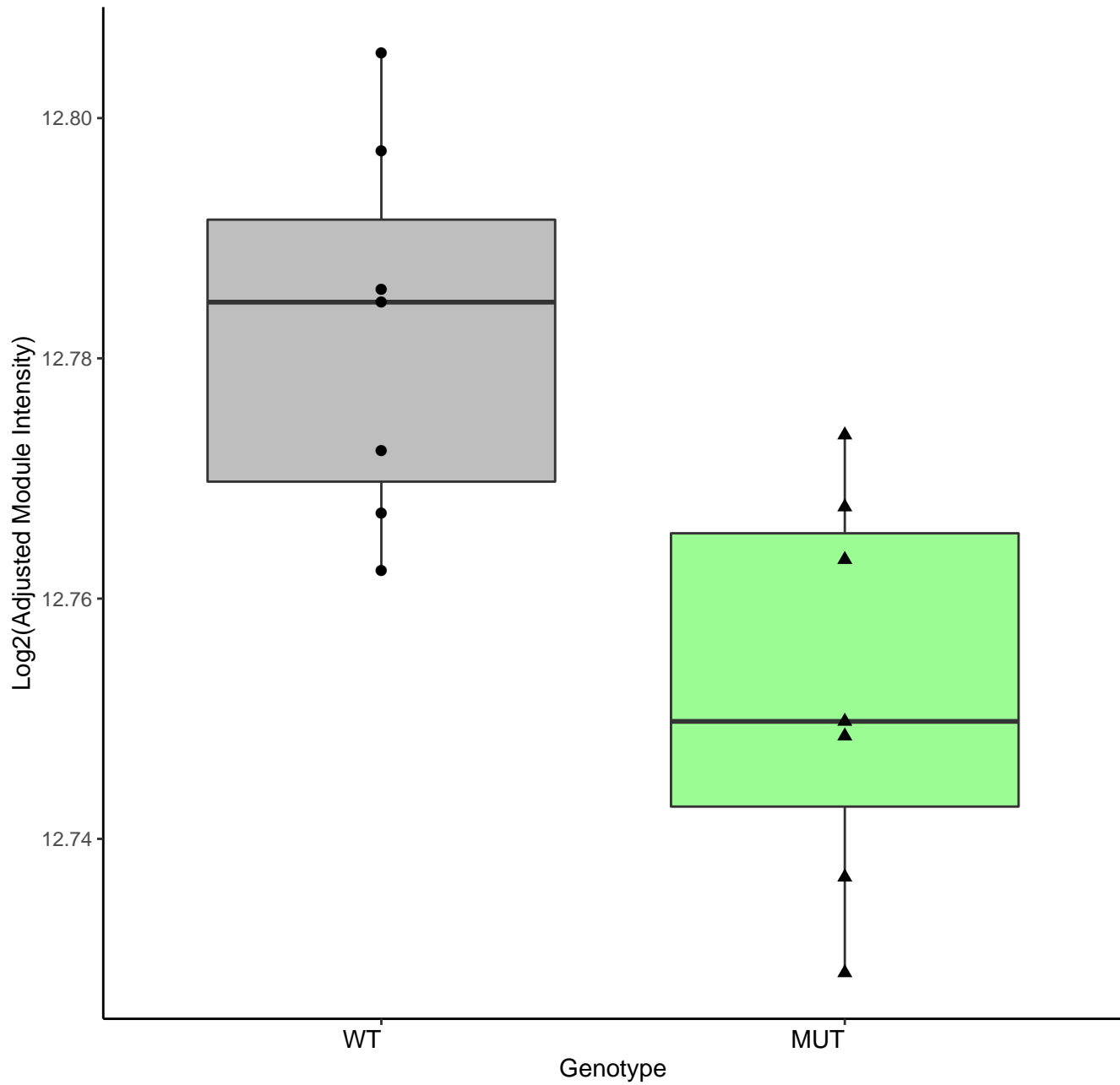
Genotype



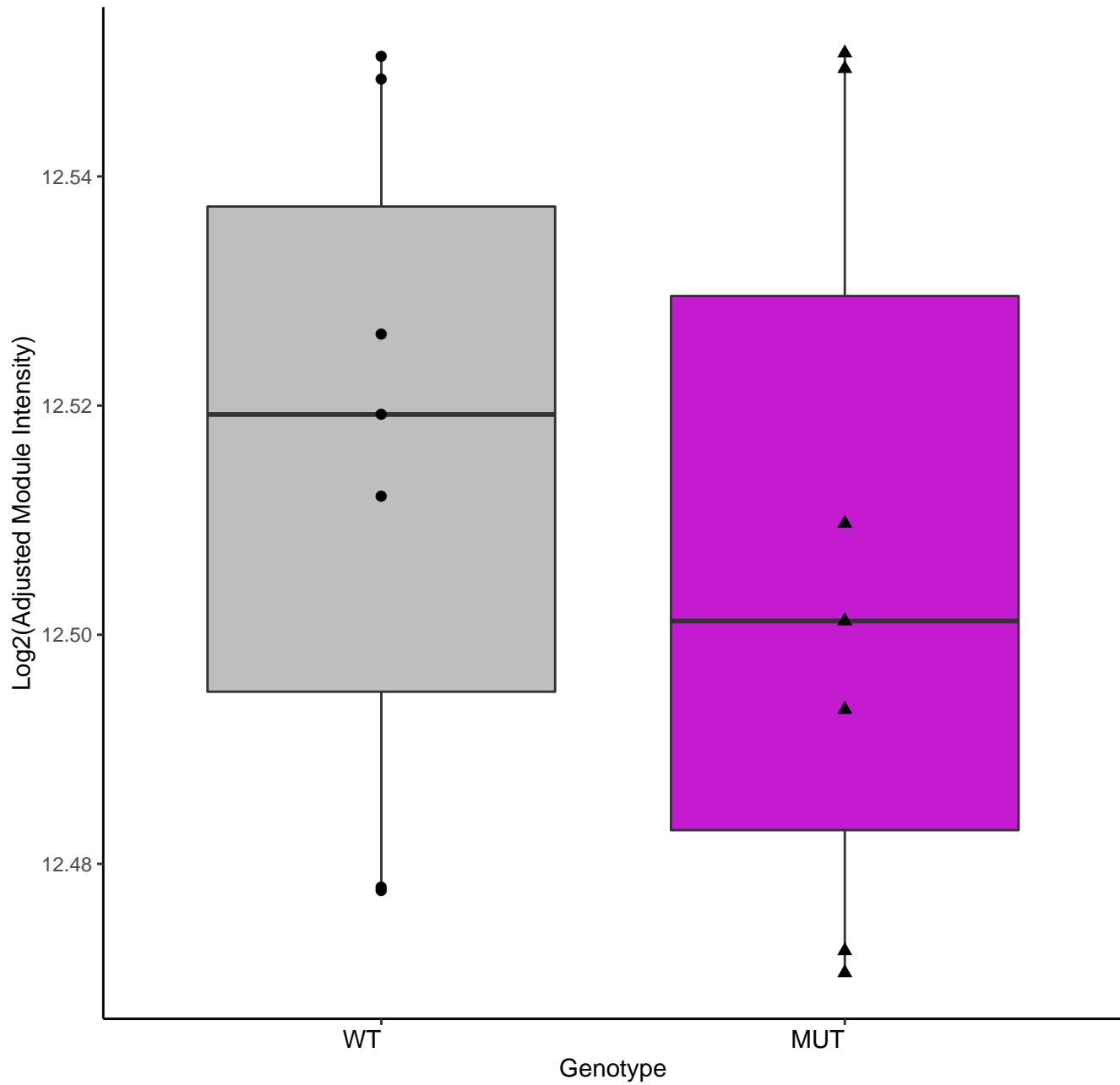
M173



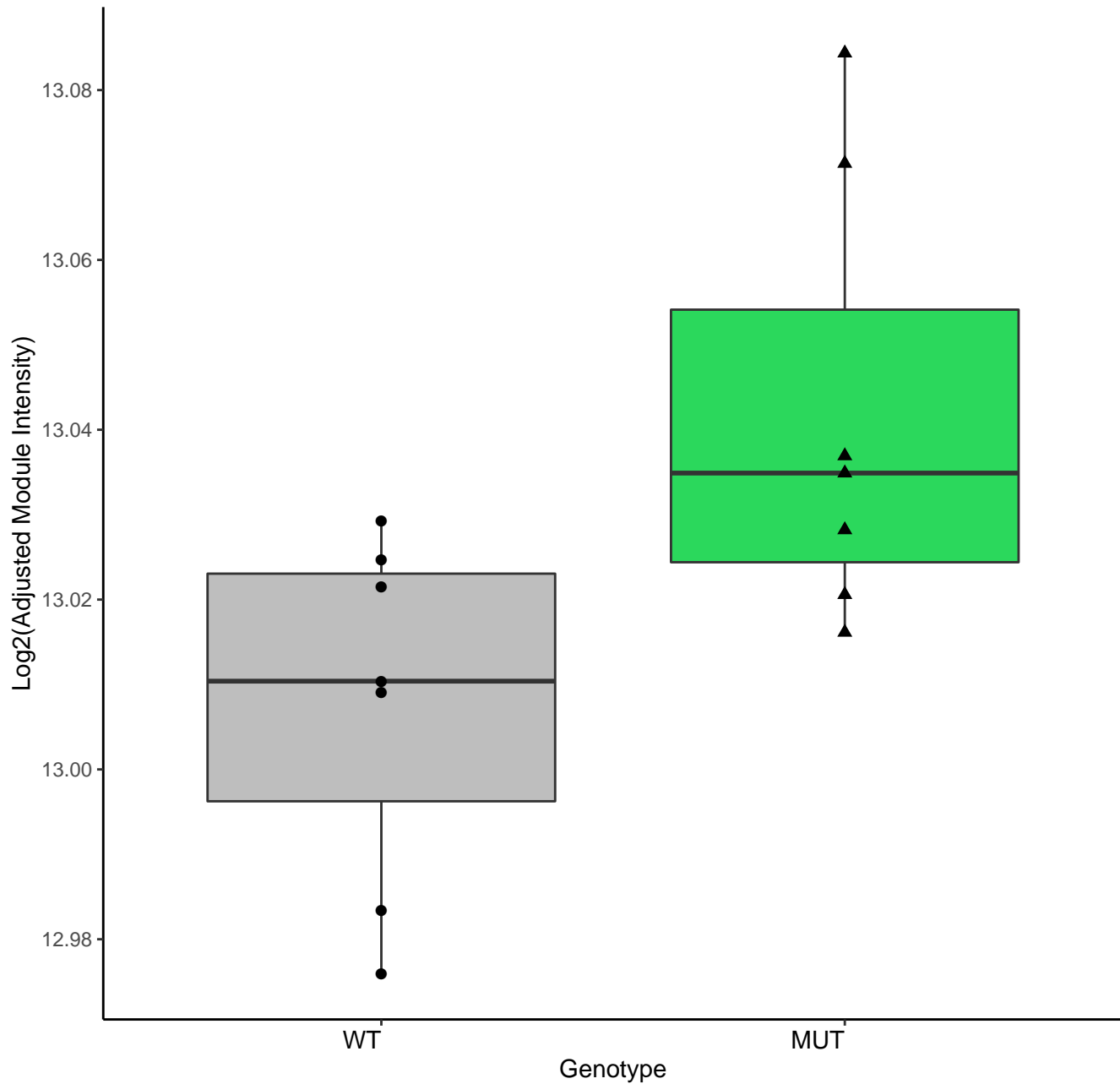
M174



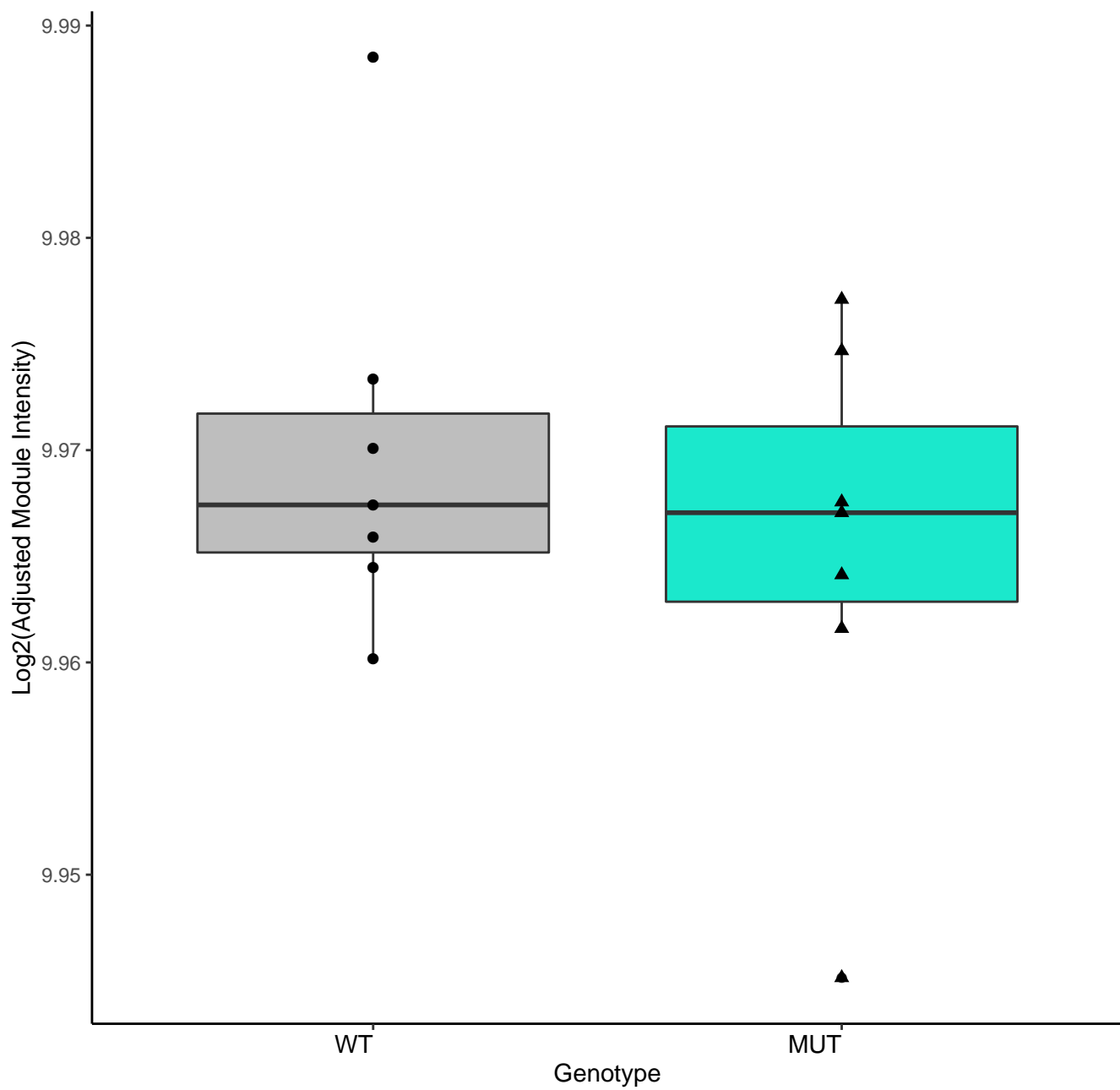
M175



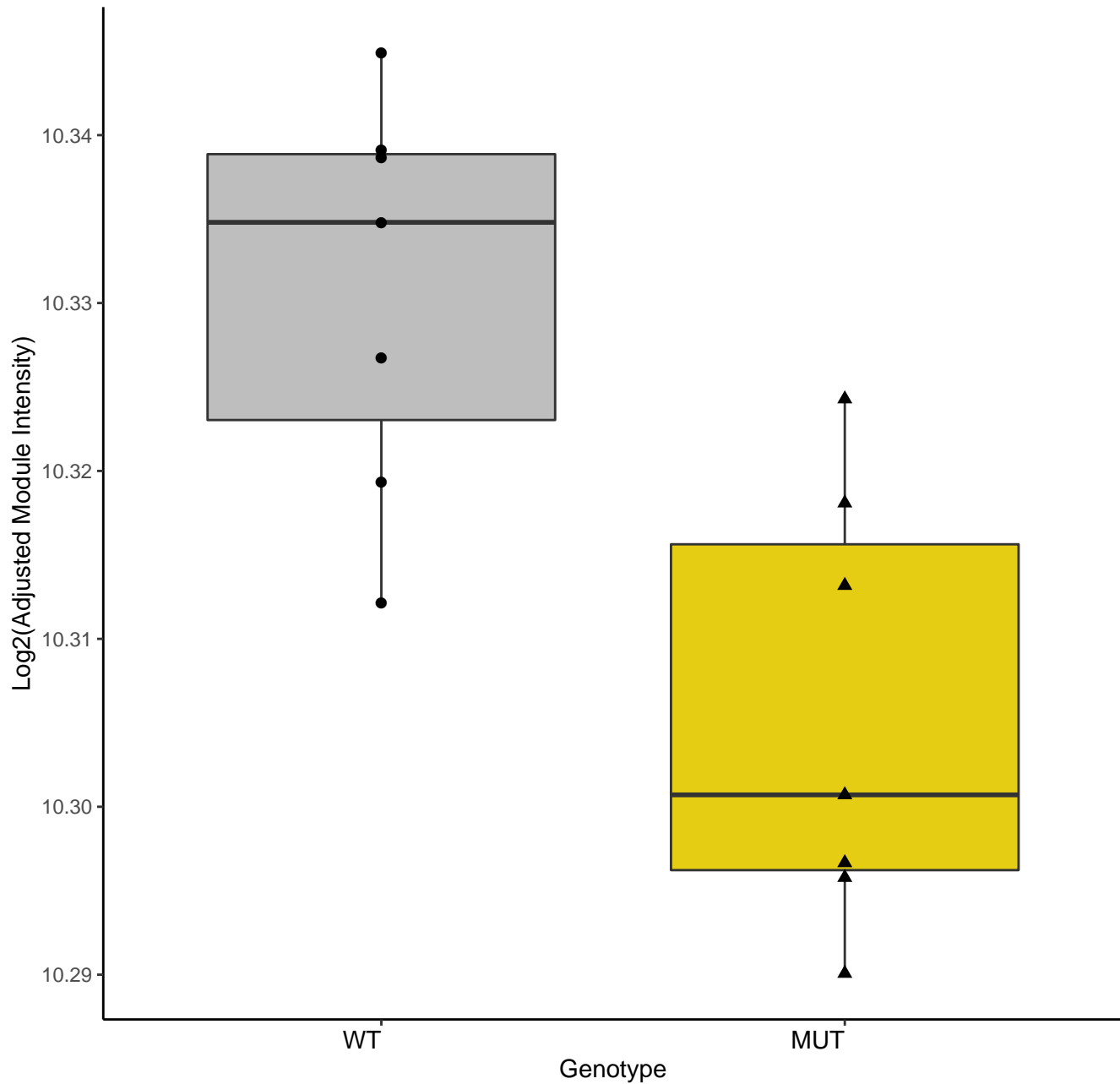
M176



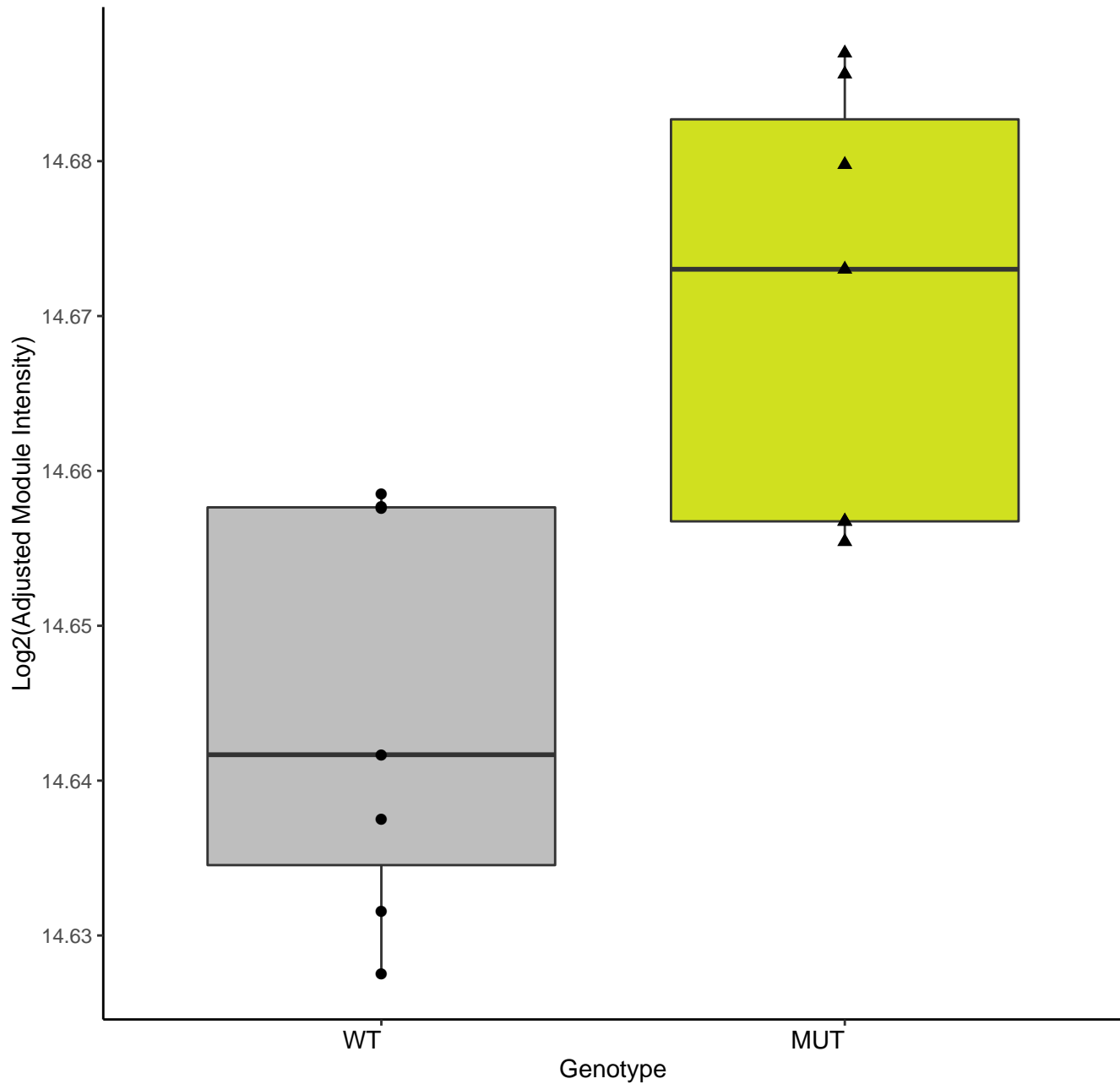
M177



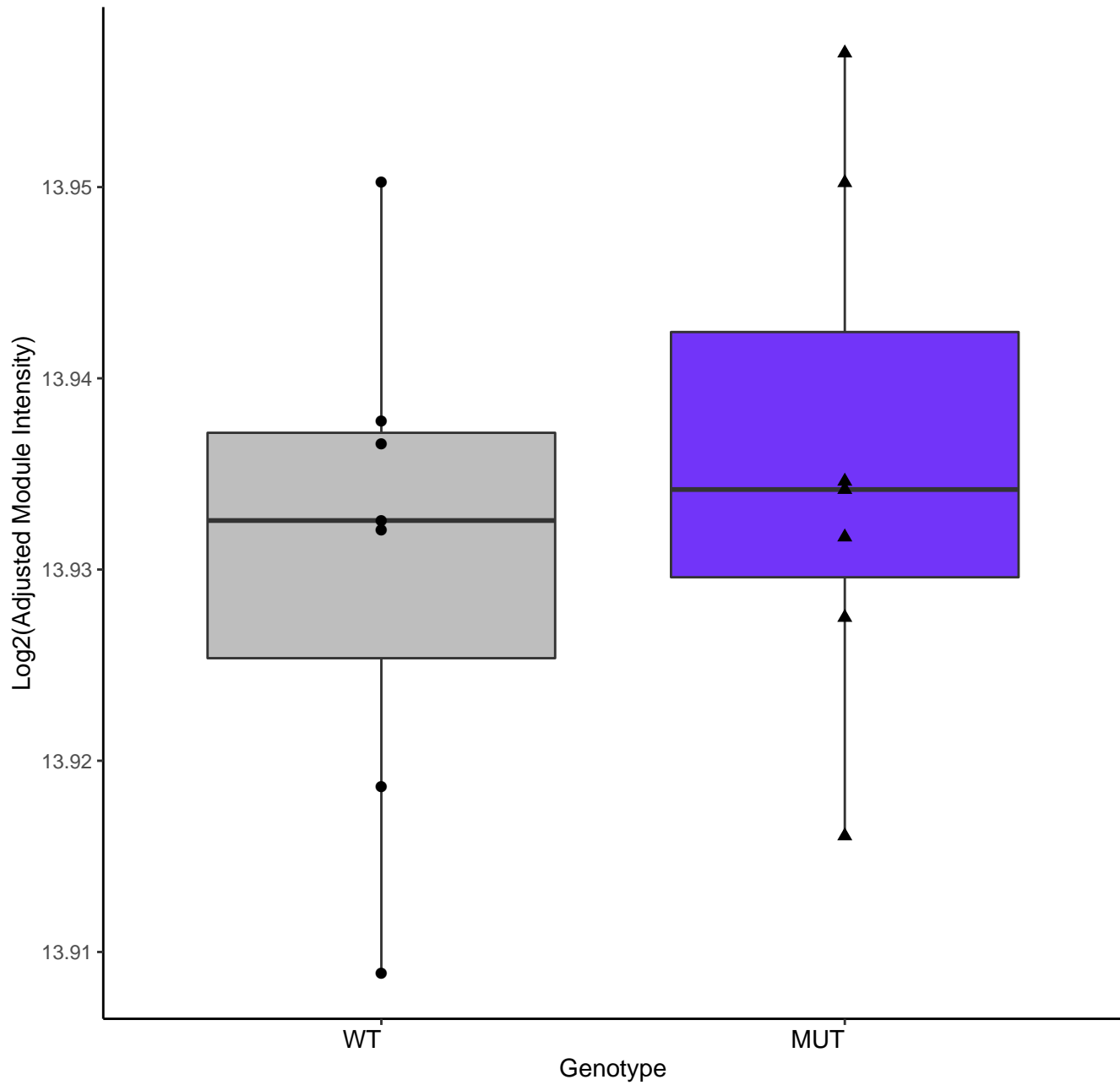
M178



M179



M180



M181

Log2(Adjusted Module Intensity)

13.94

13.92

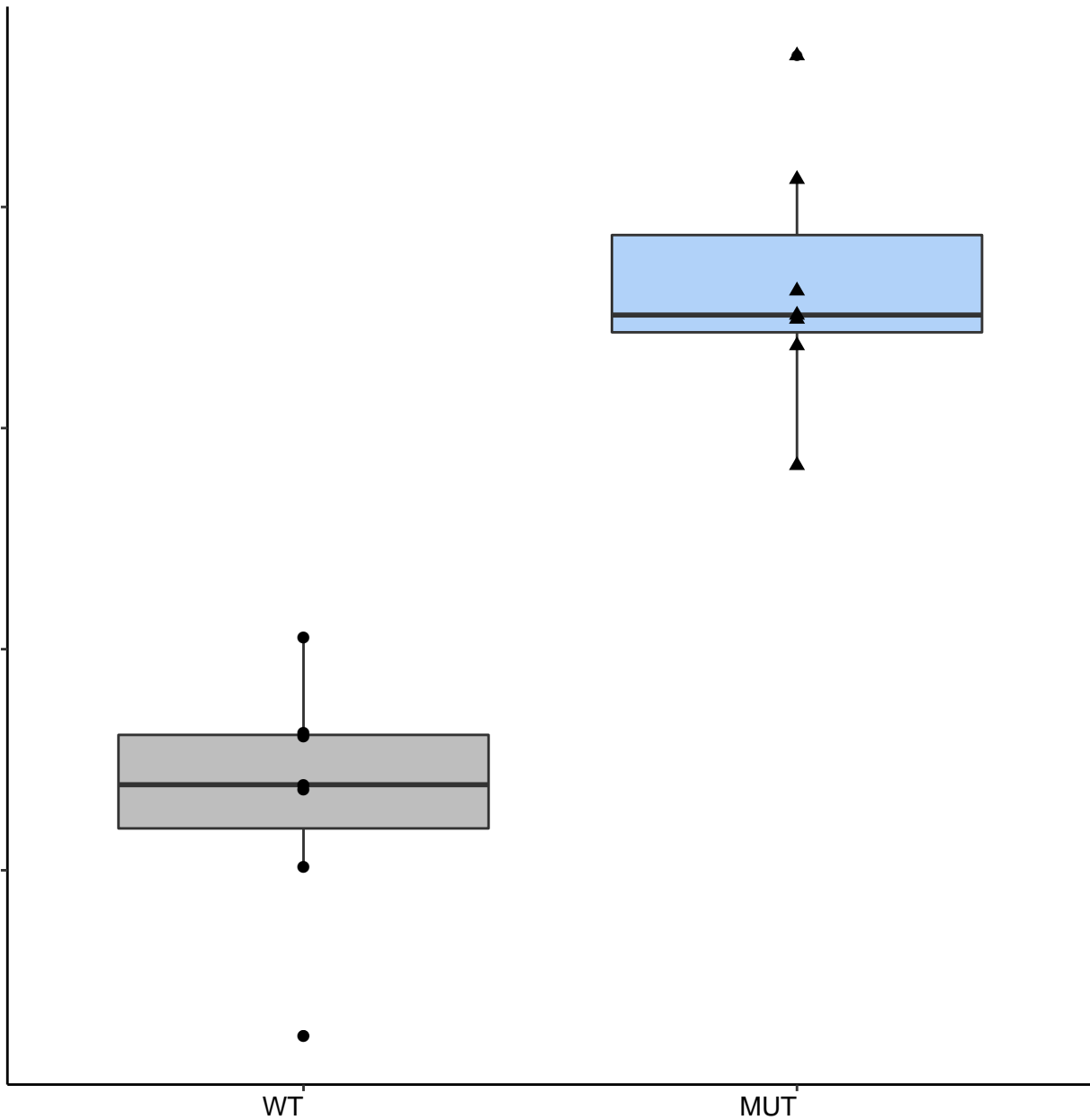
13.90

13.88

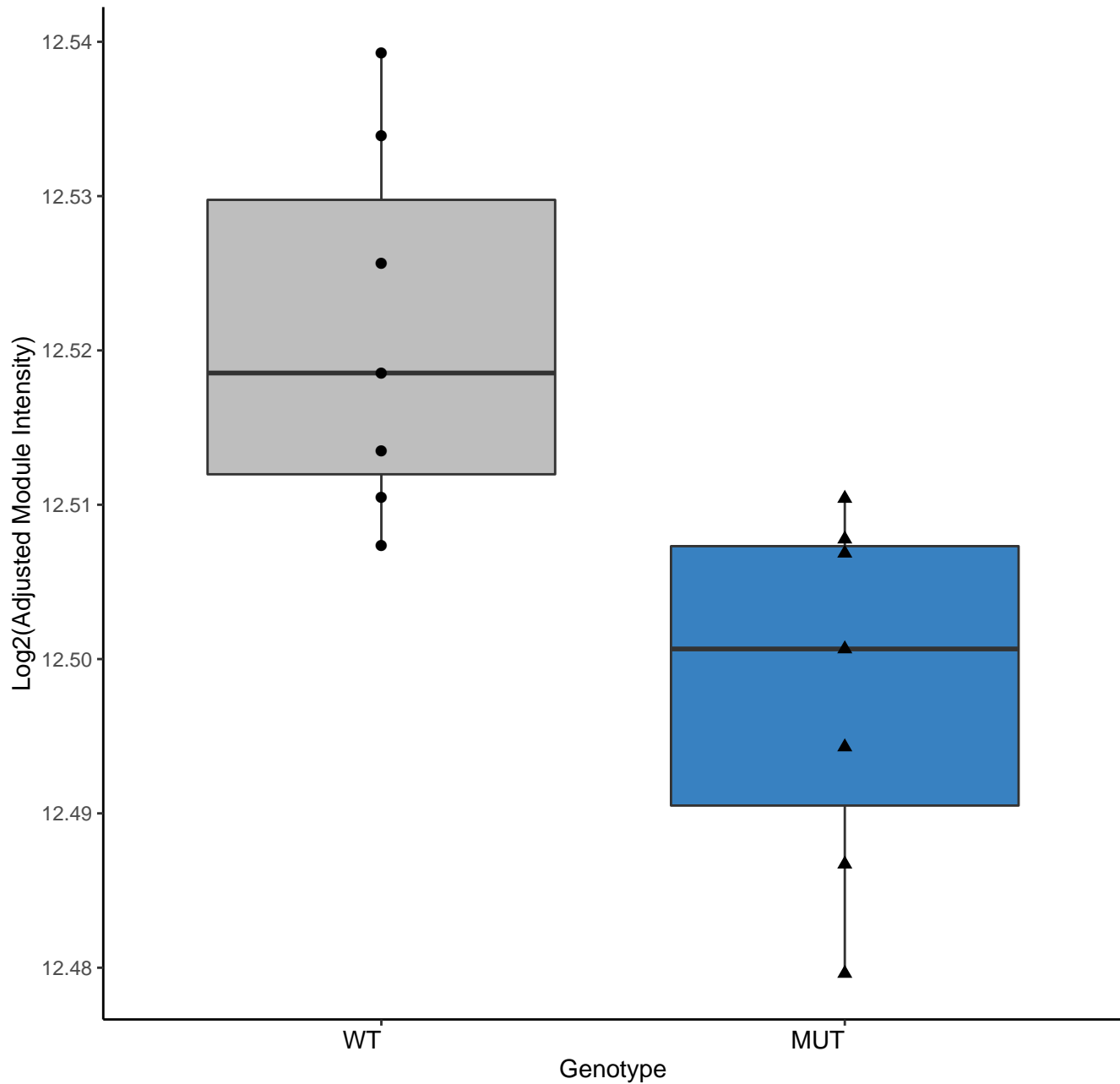
WT

Genotype

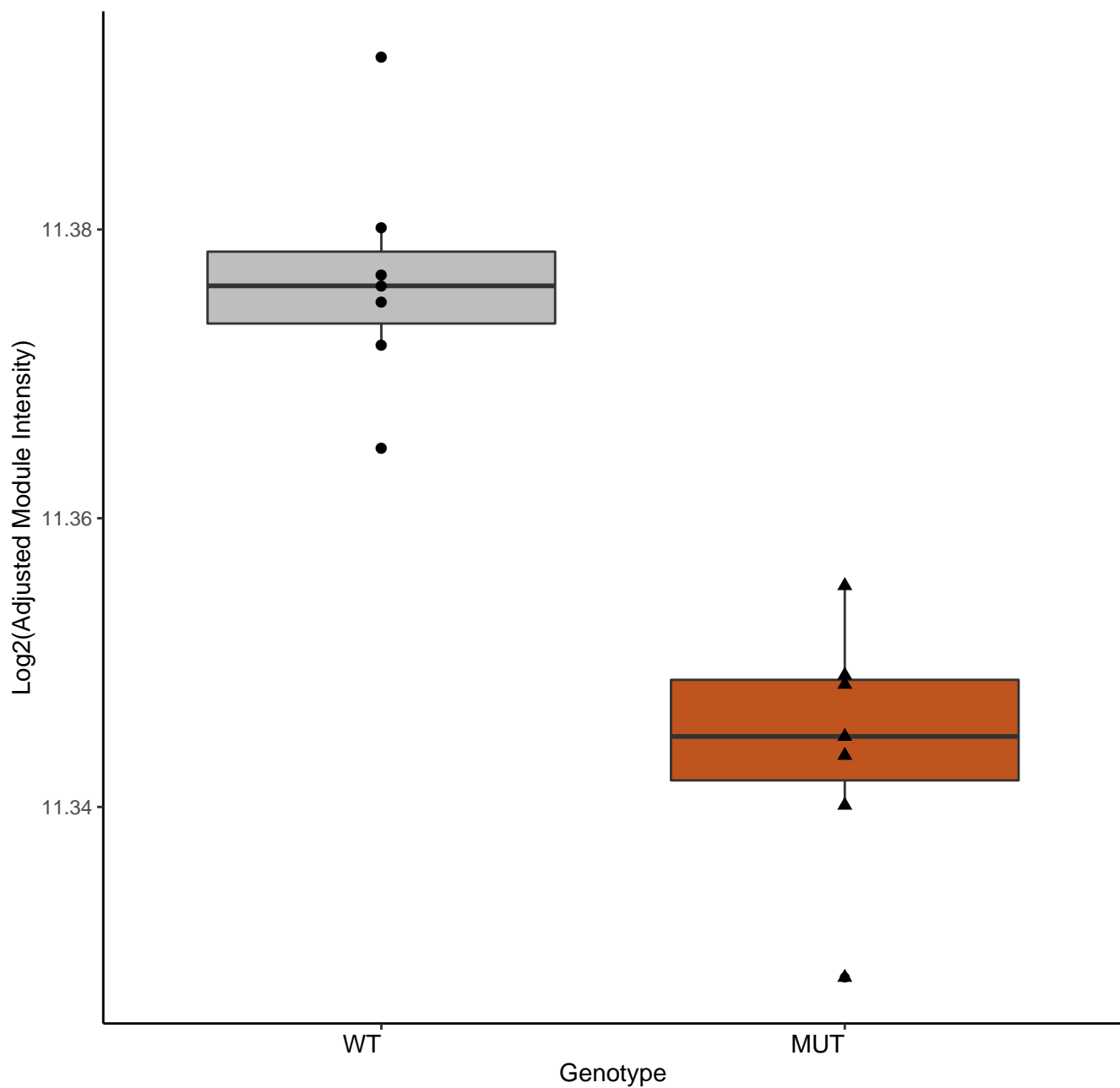
MUT



M182



M183



M184

Log2(Adjusted Module Intensity)

12.04

12.02

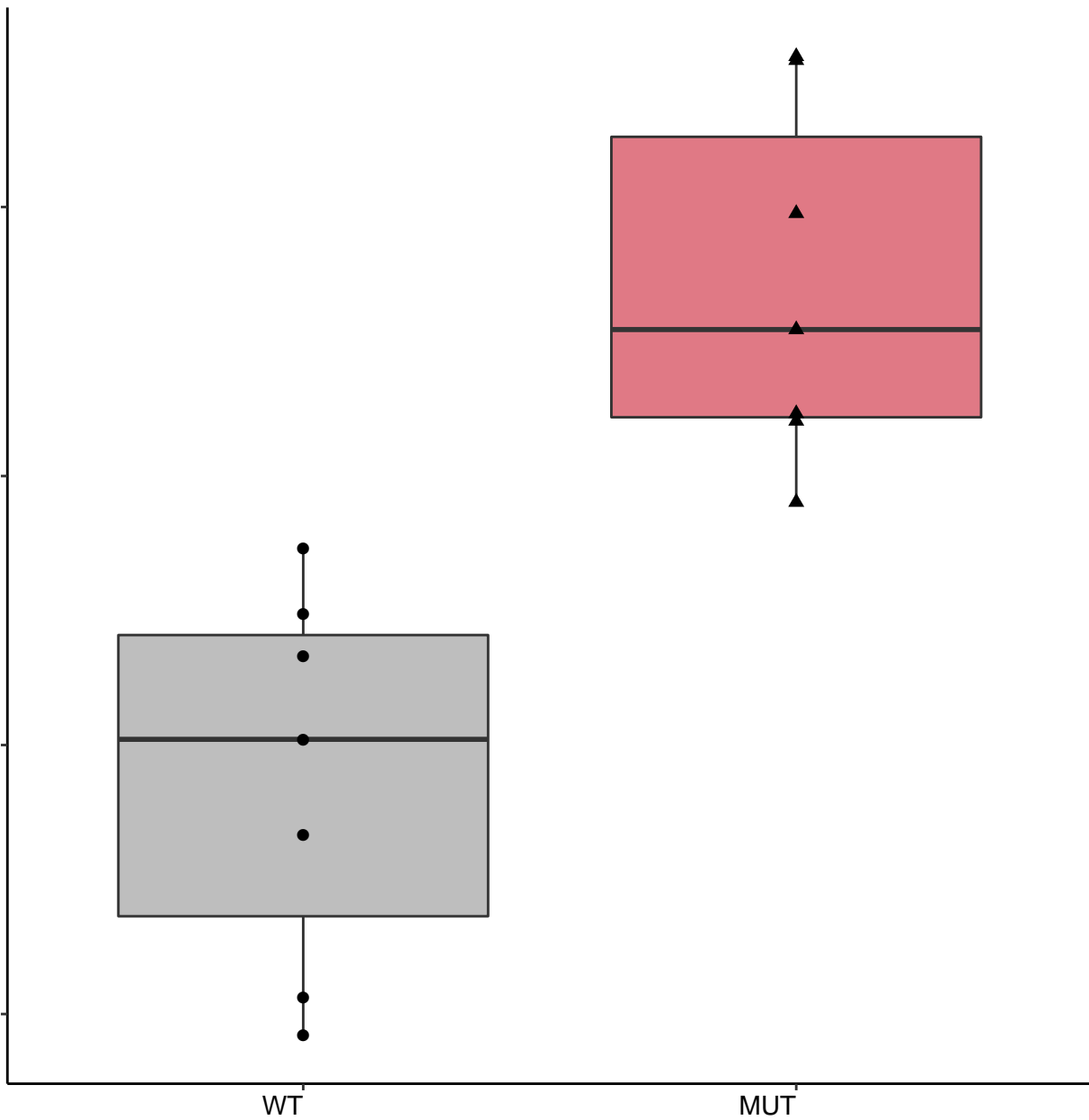
12.00

11.98

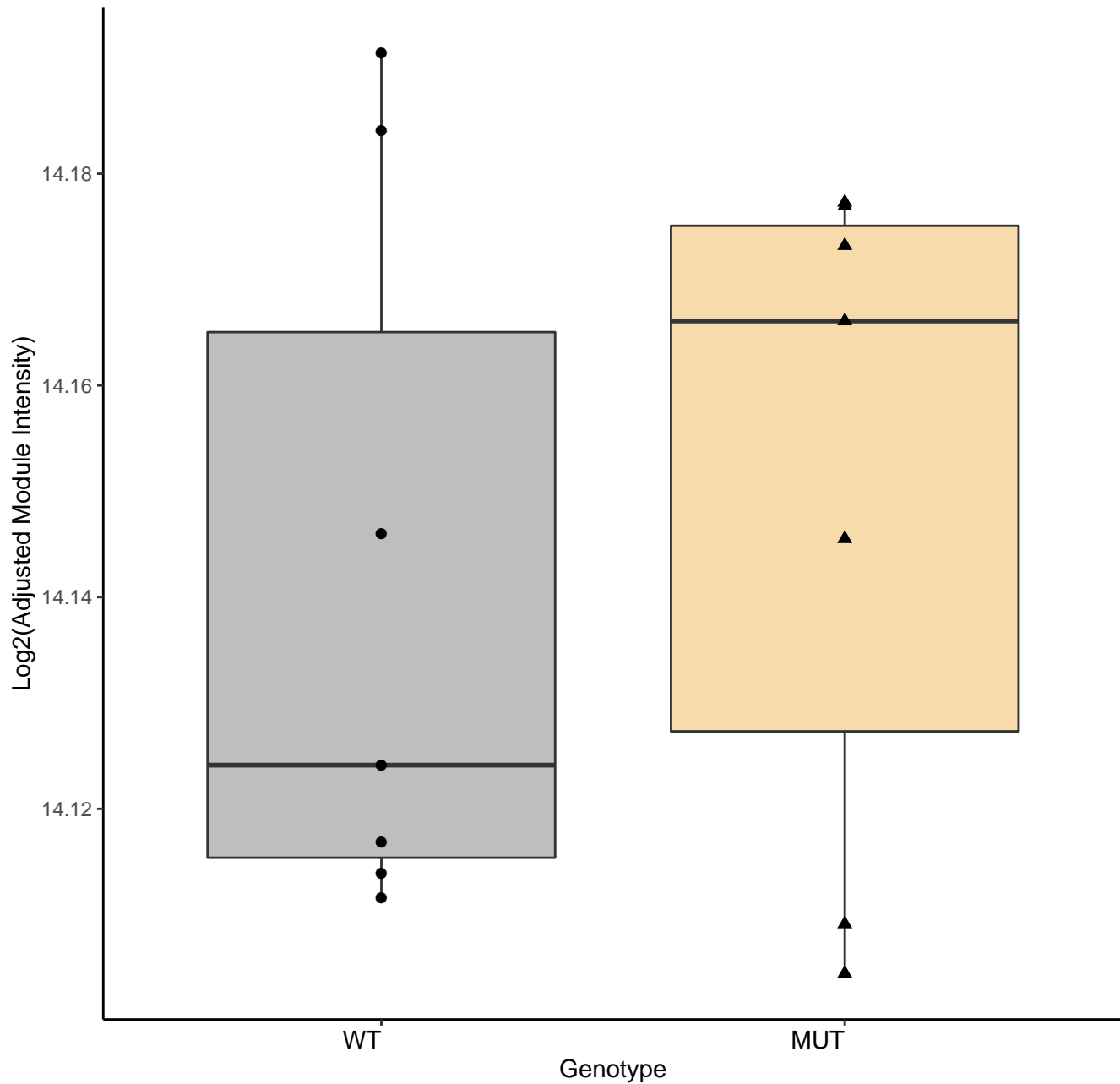
WT

Genotype

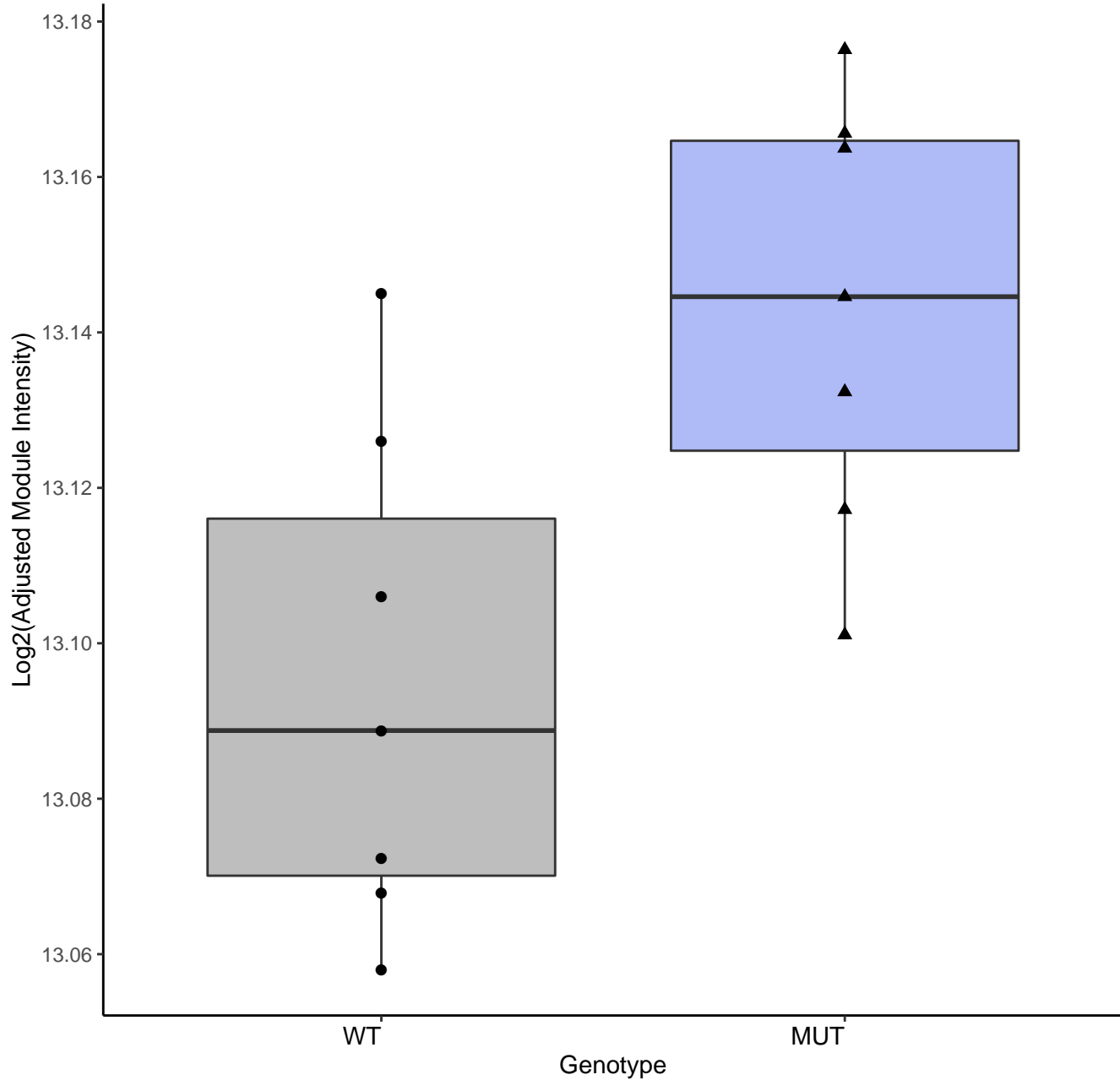
MUT



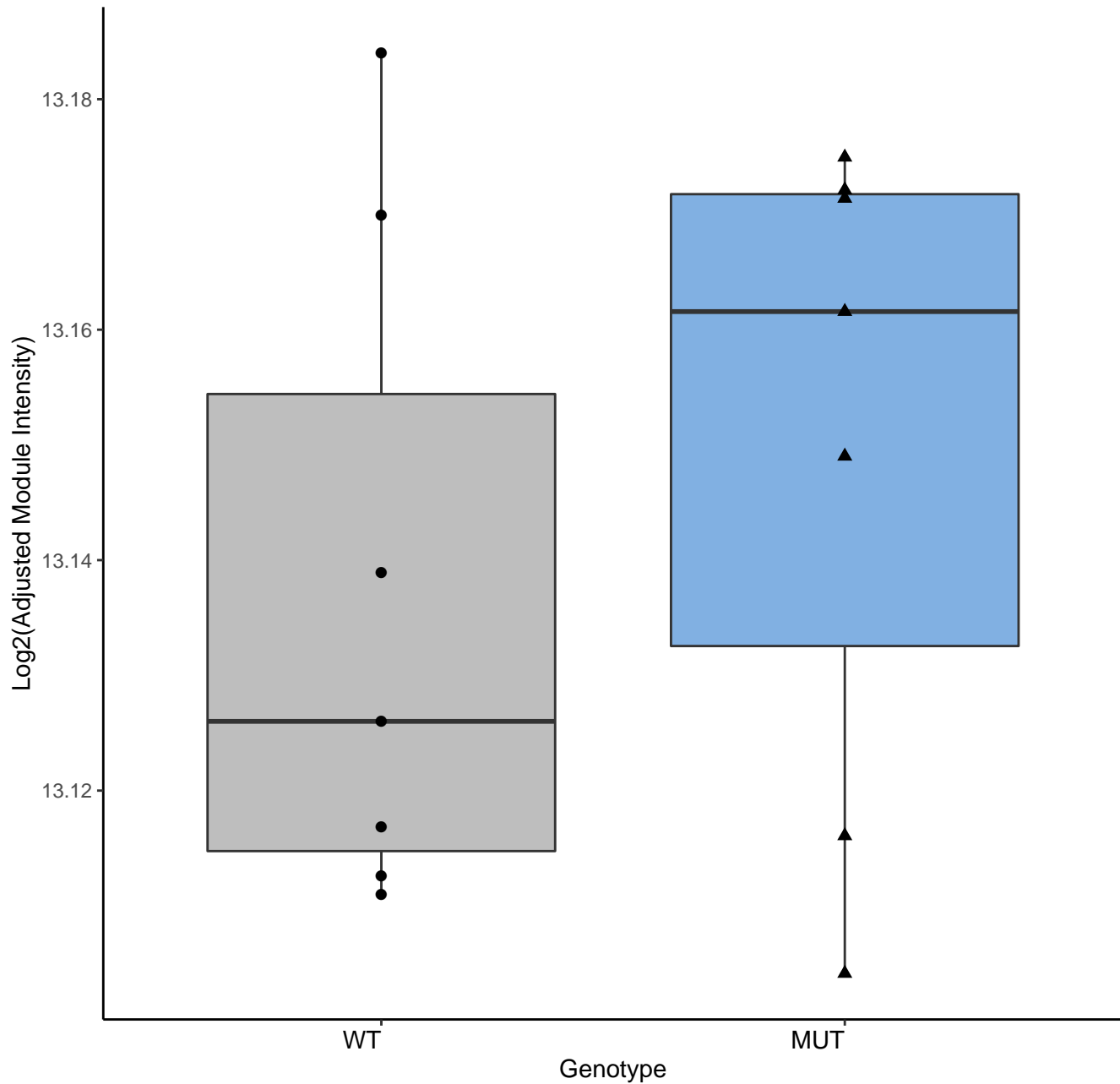
M185



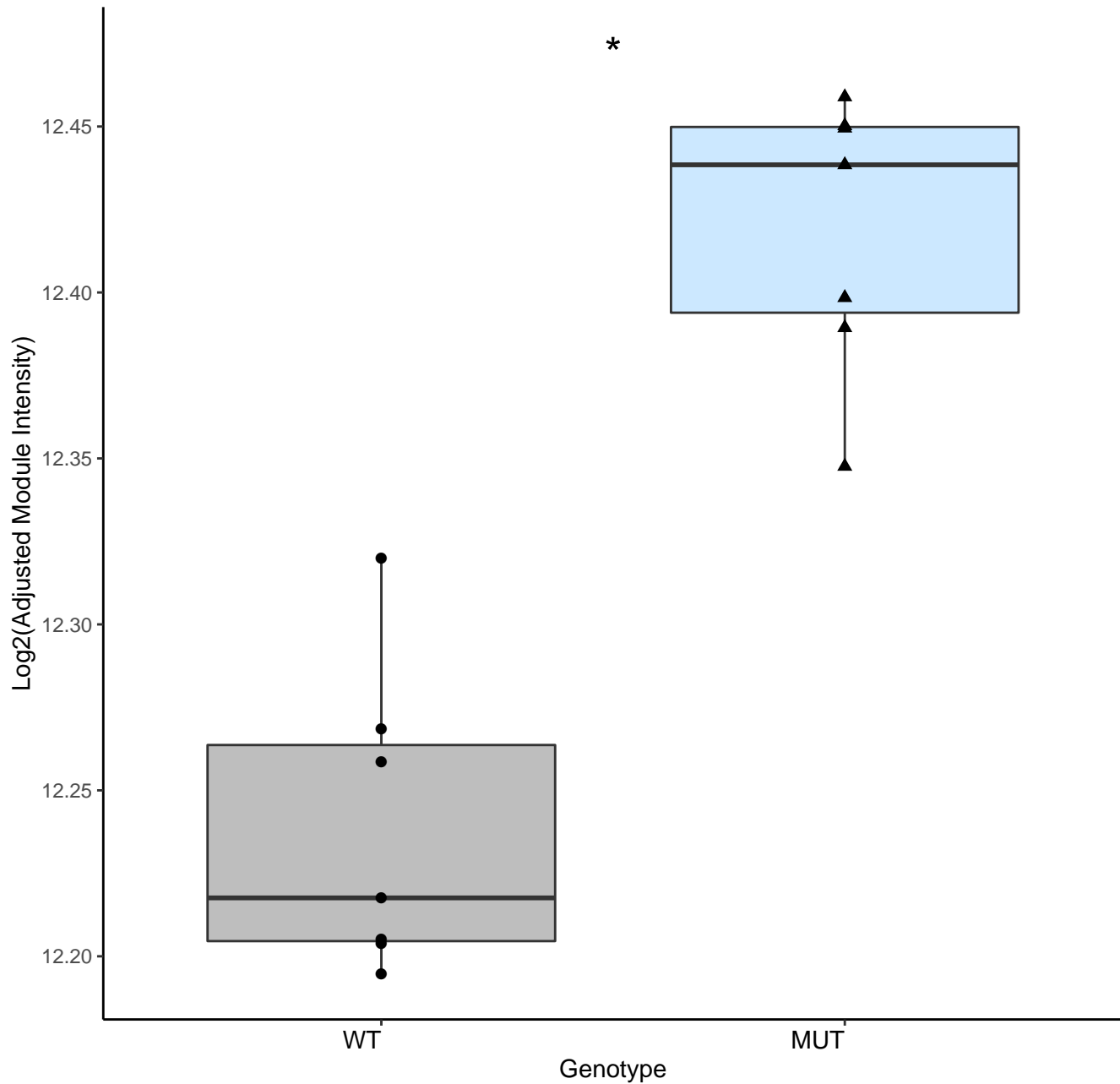
M186



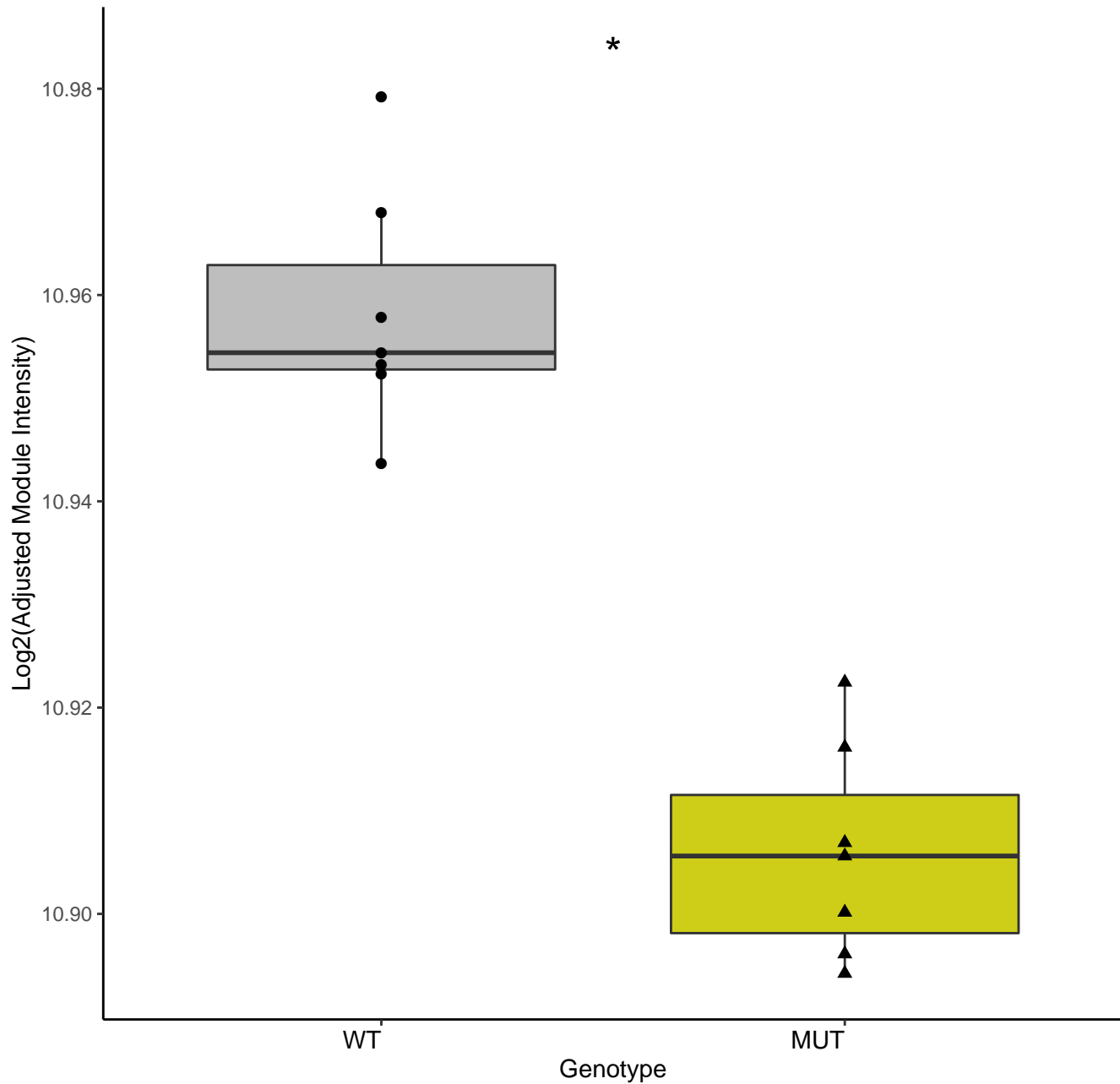
M187



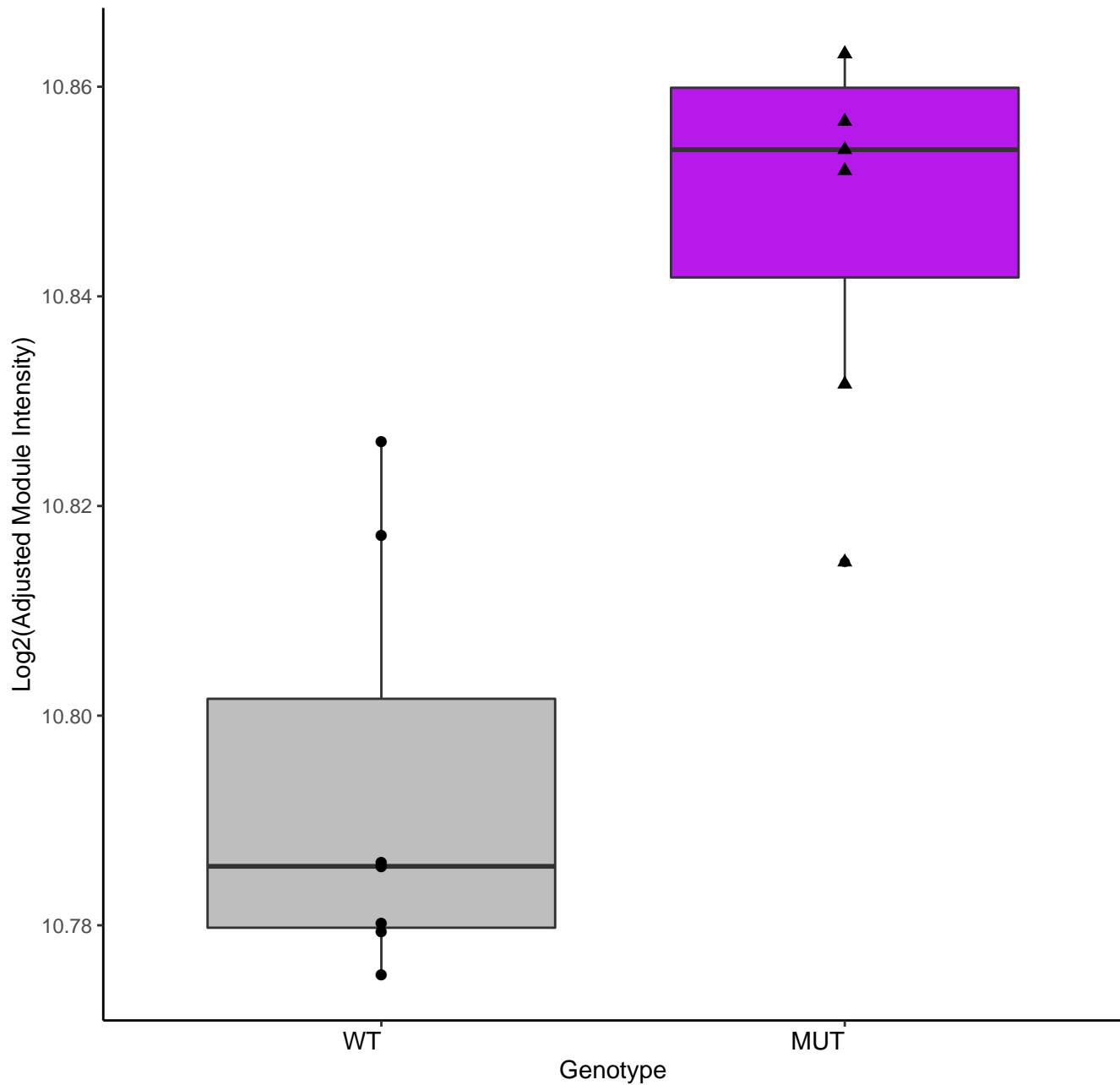
M188



M189



M190



M191

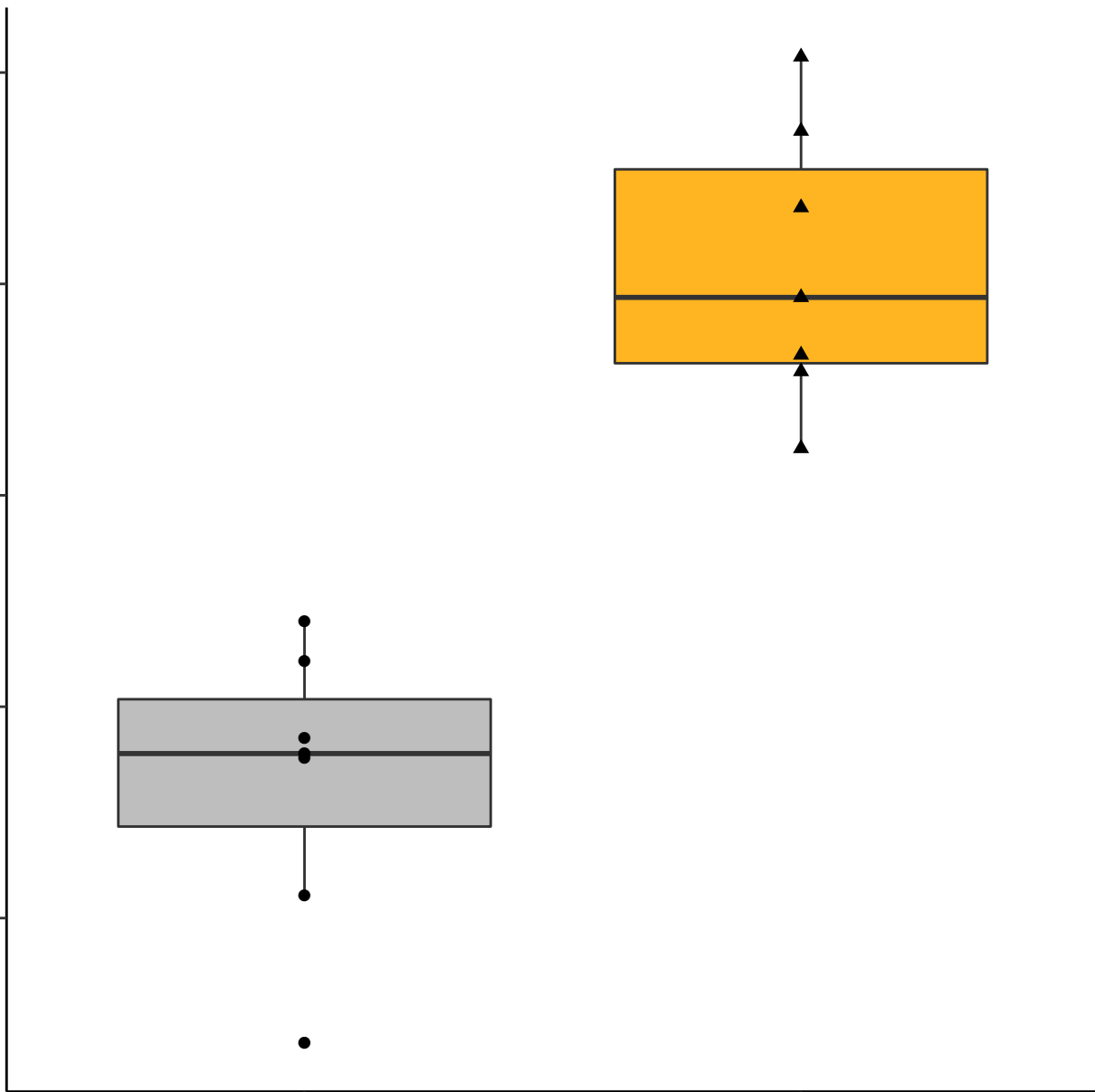
Log2(Adjusted Module Intensity)

11.36
11.35
11.34
11.33
11.32

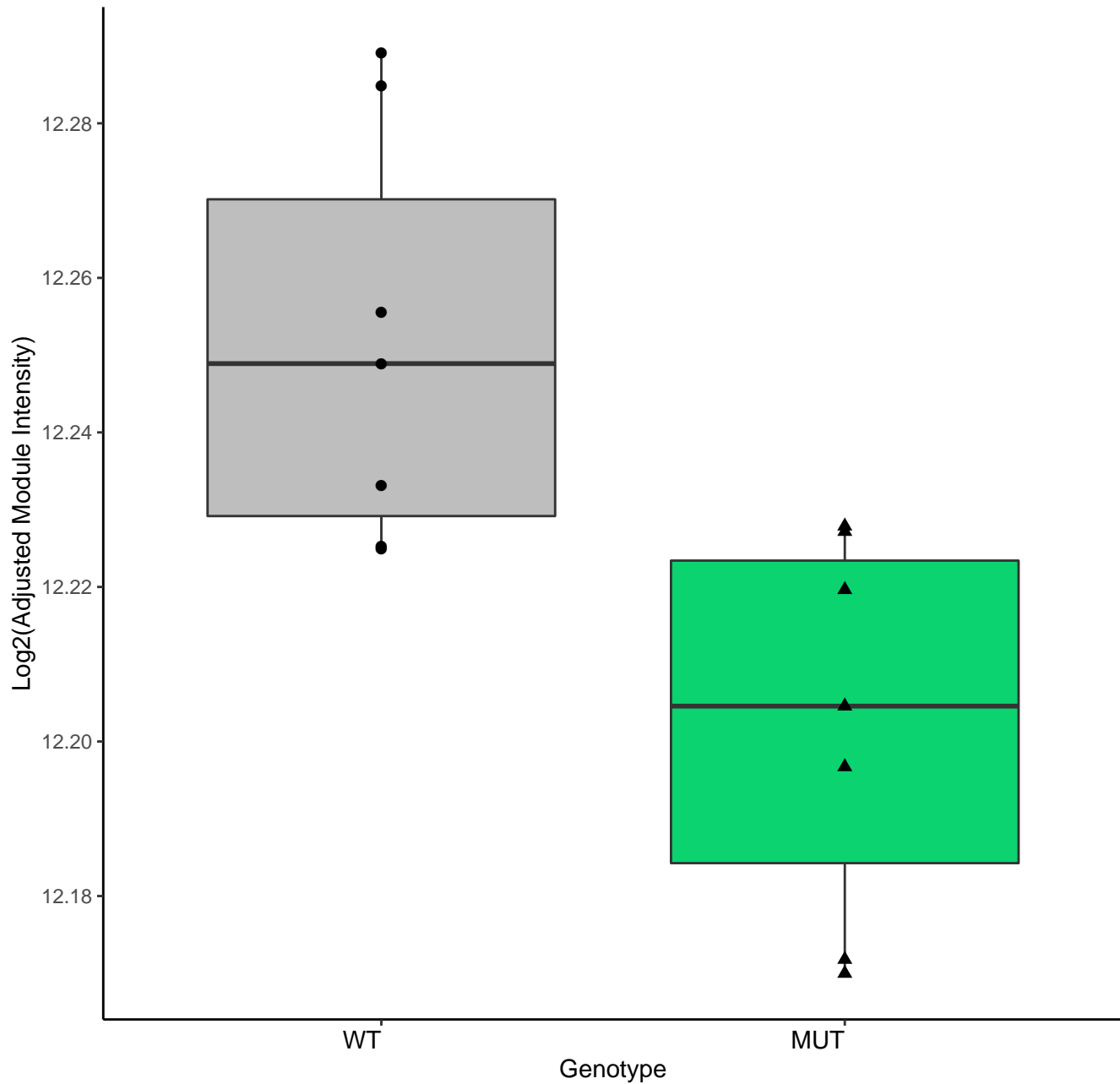
WT

MUT

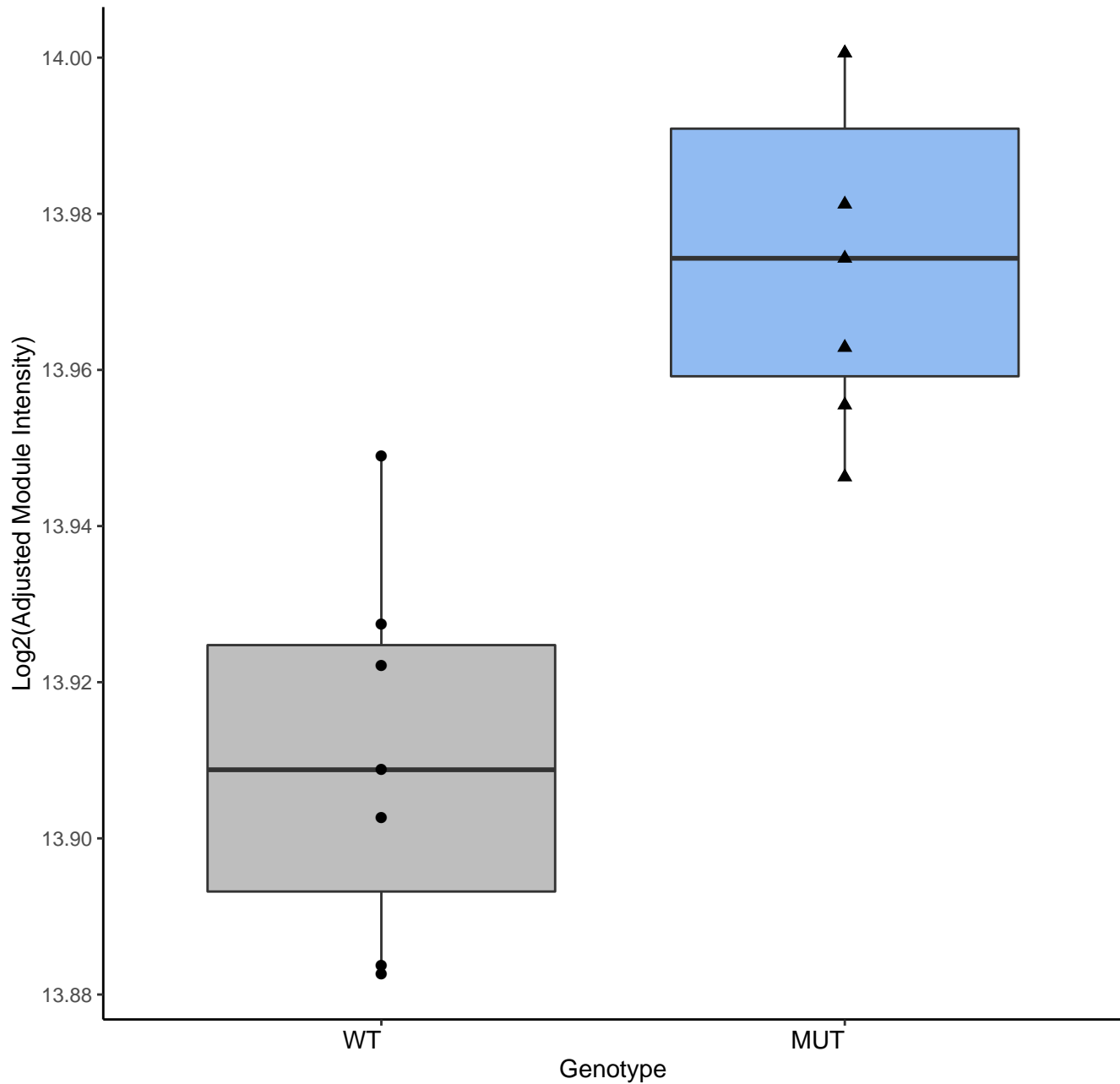
Genotype



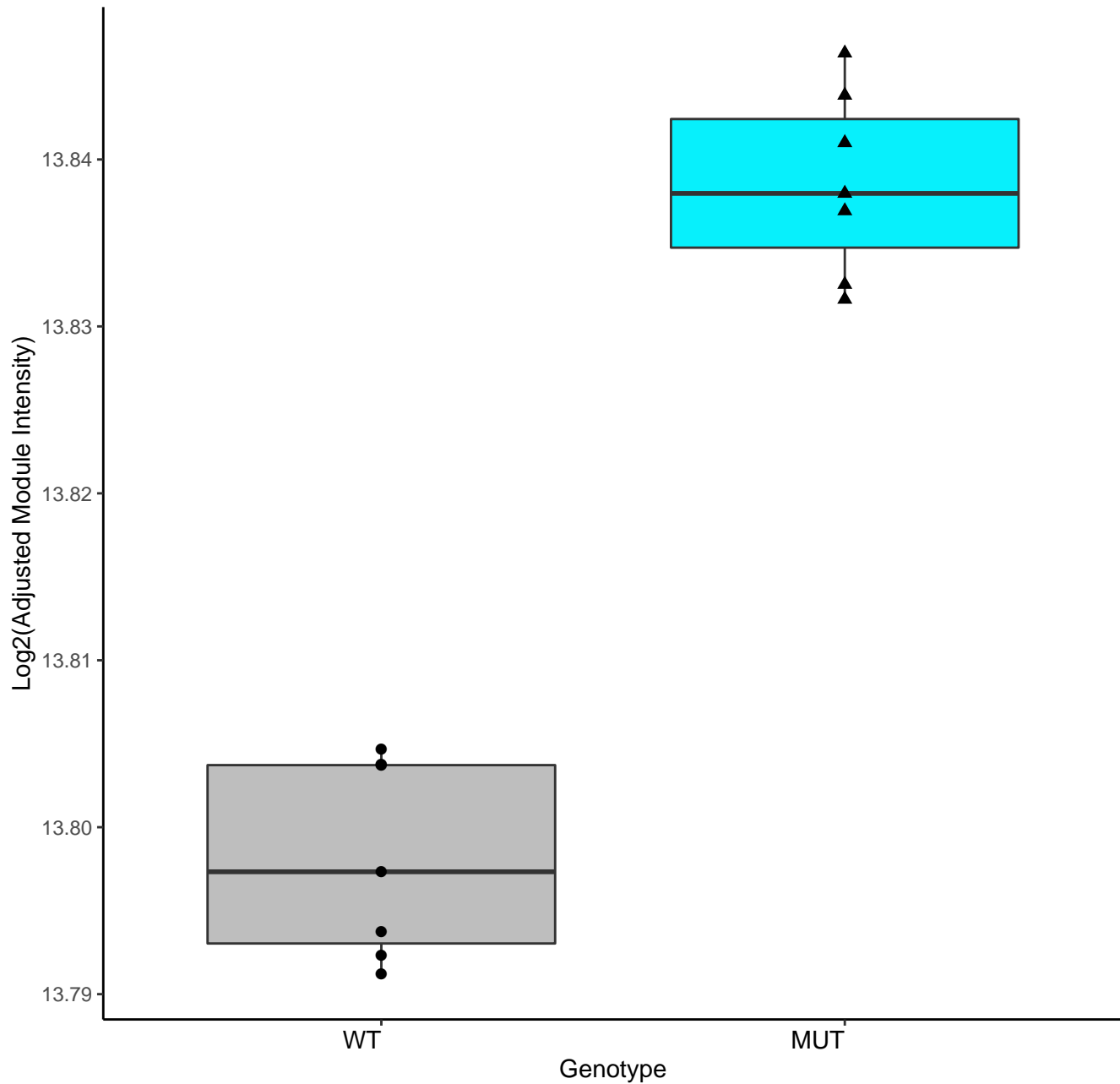
M192



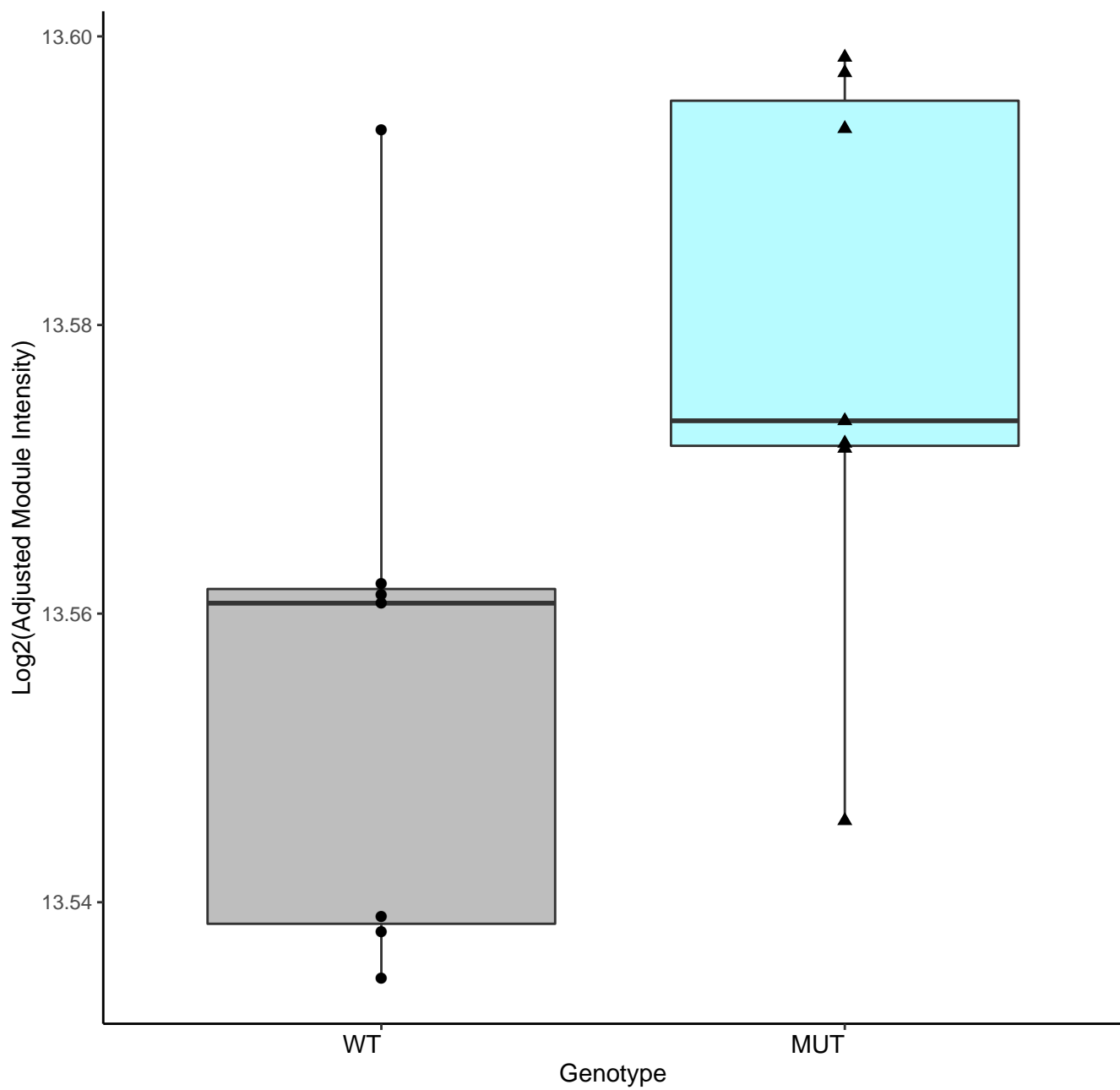
M193



M194



M195



M196

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Log2(Adjusted Module Intensity)

12.40

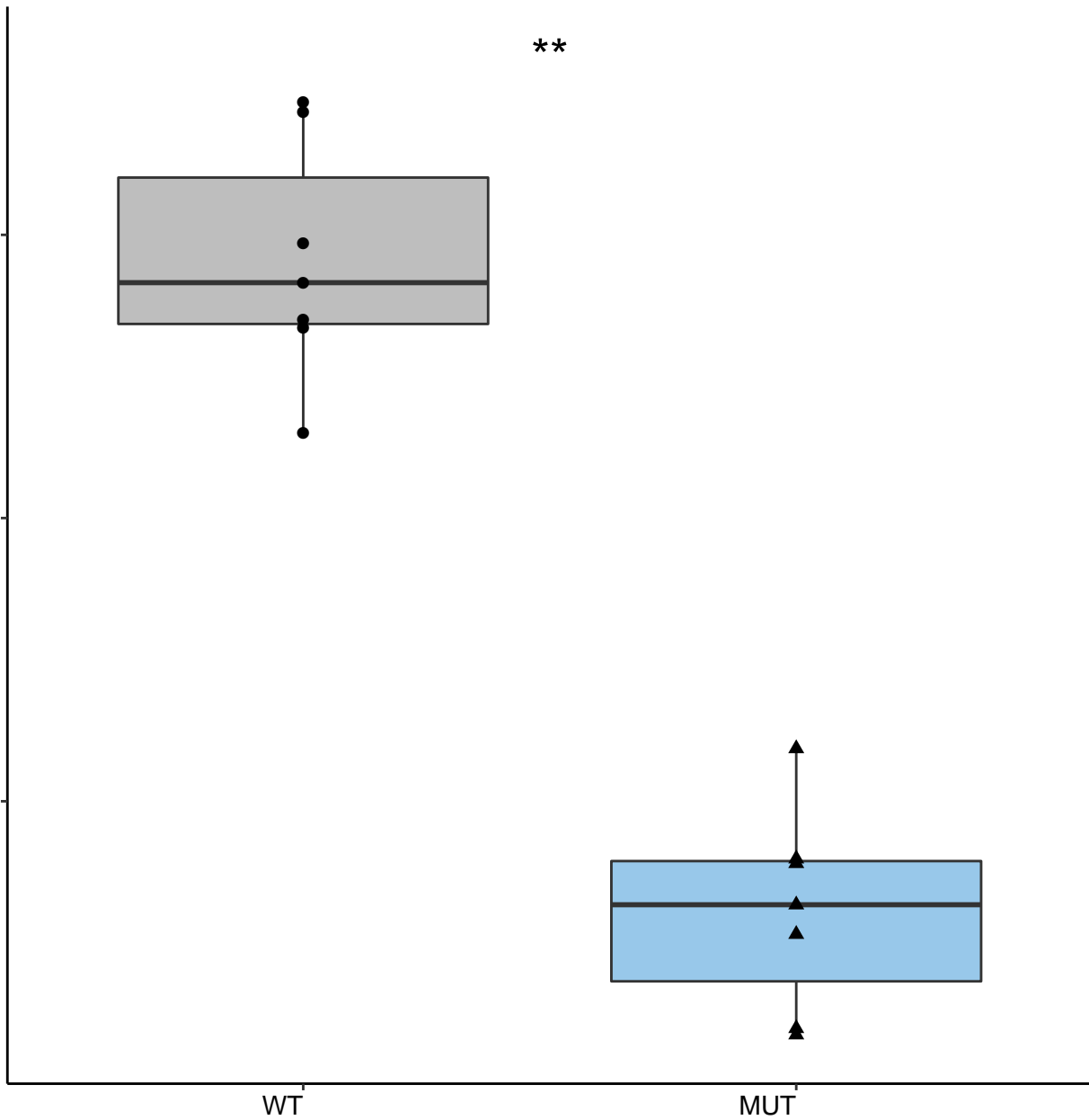
12.35

12.30

WT

Genotype

MUT



M197

Log2(Adjusted Module Intensity)

13.80

13.75

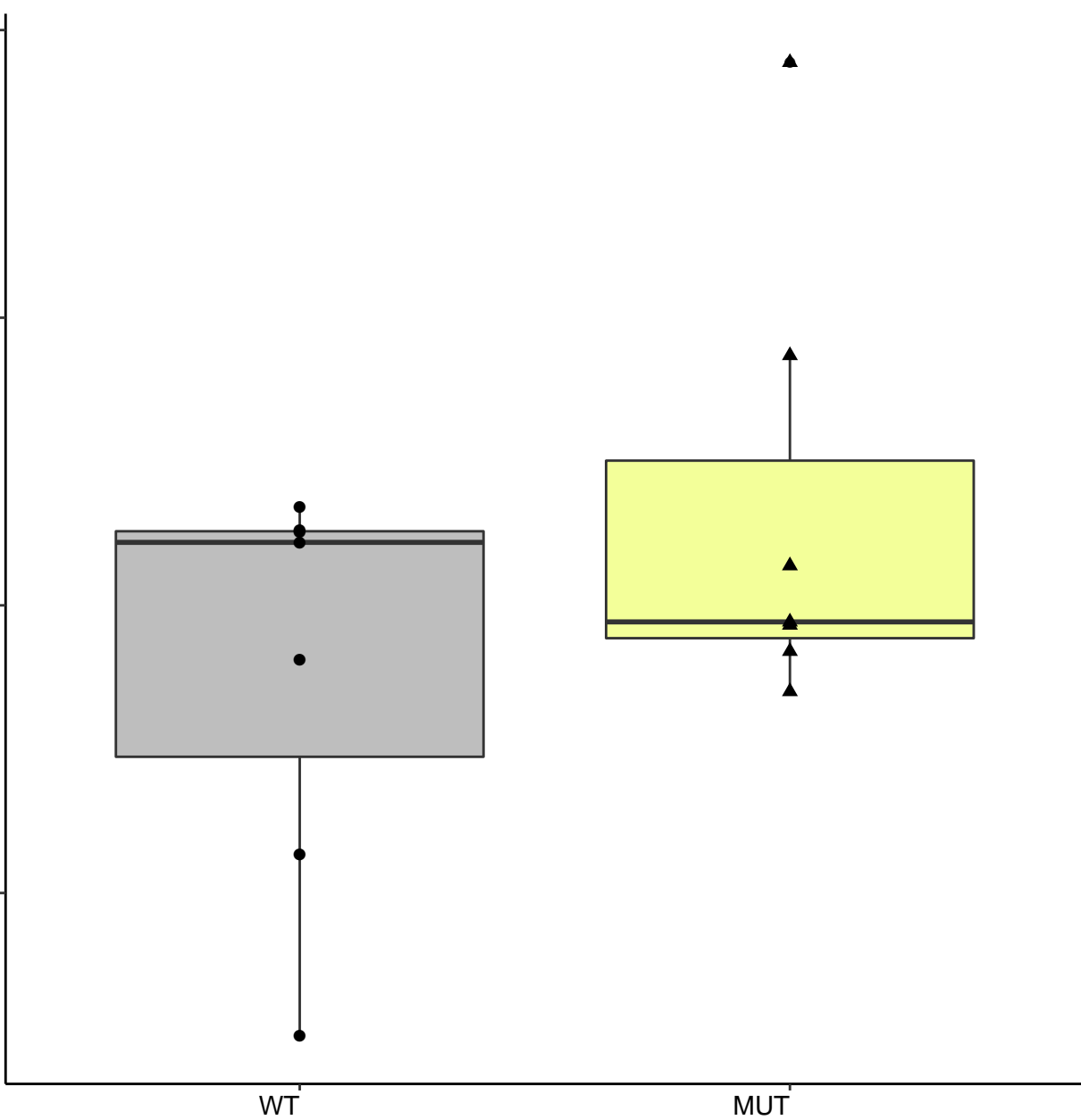
13.70

13.65

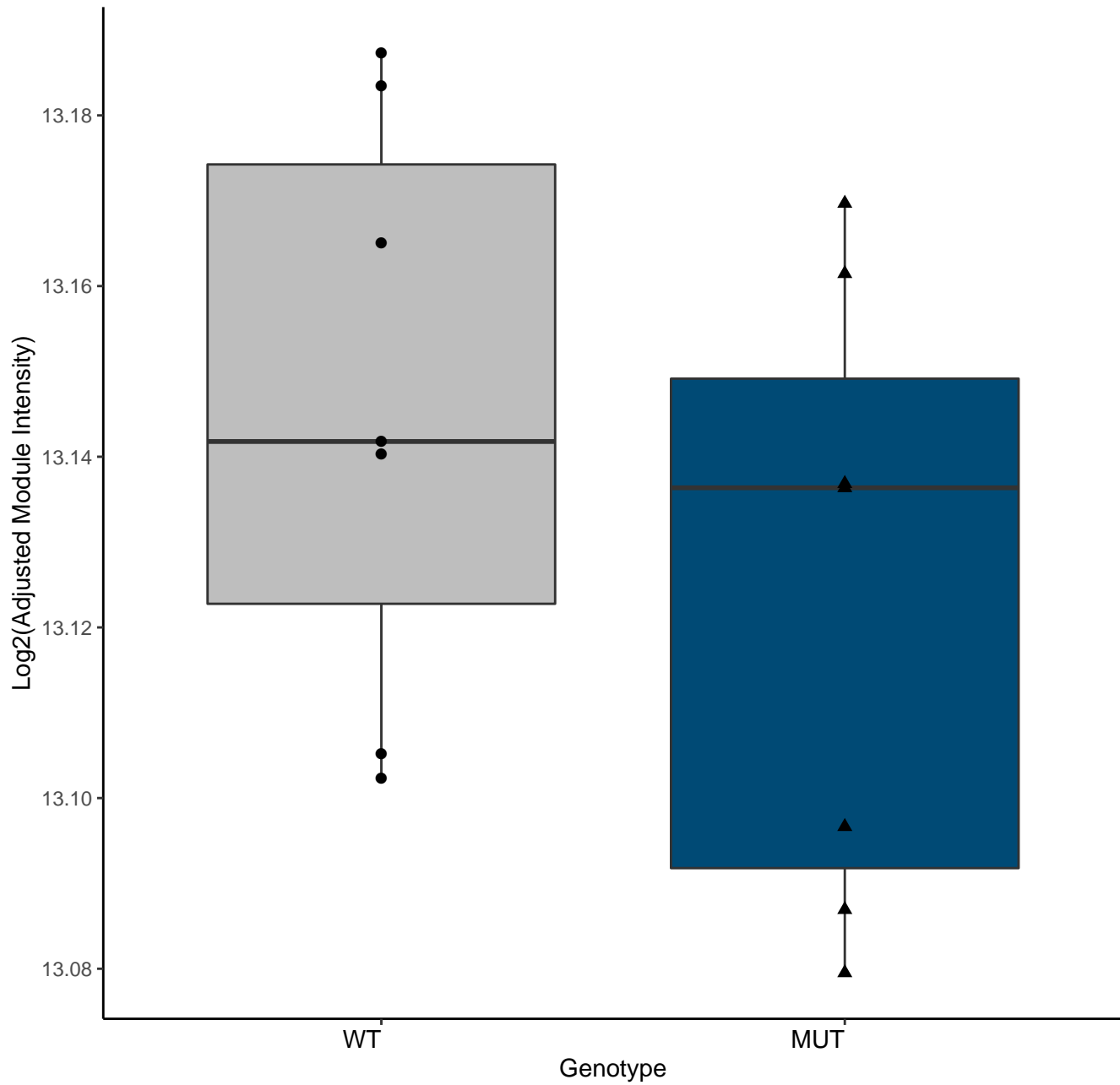
WT

Genotype

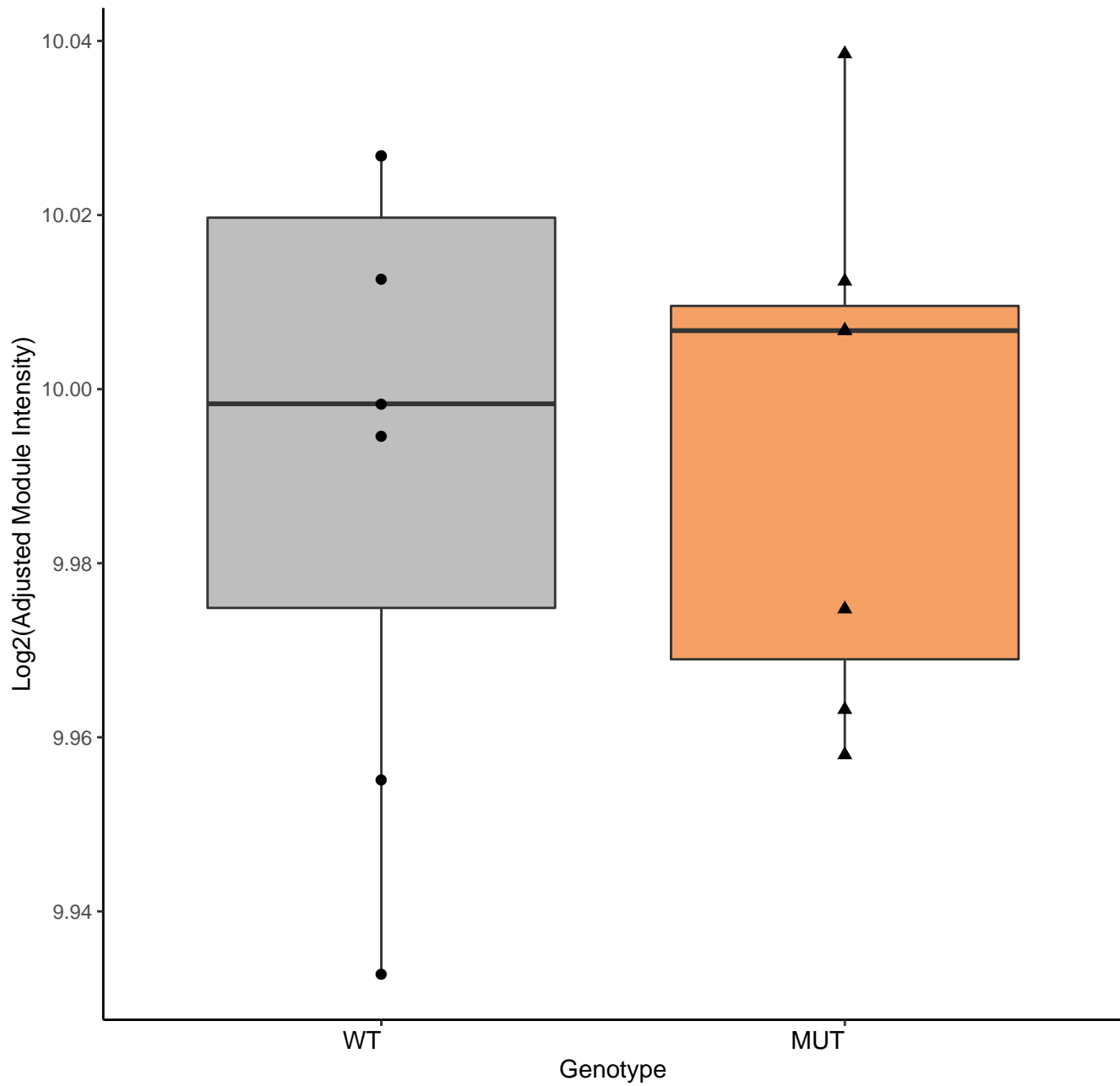
MUT



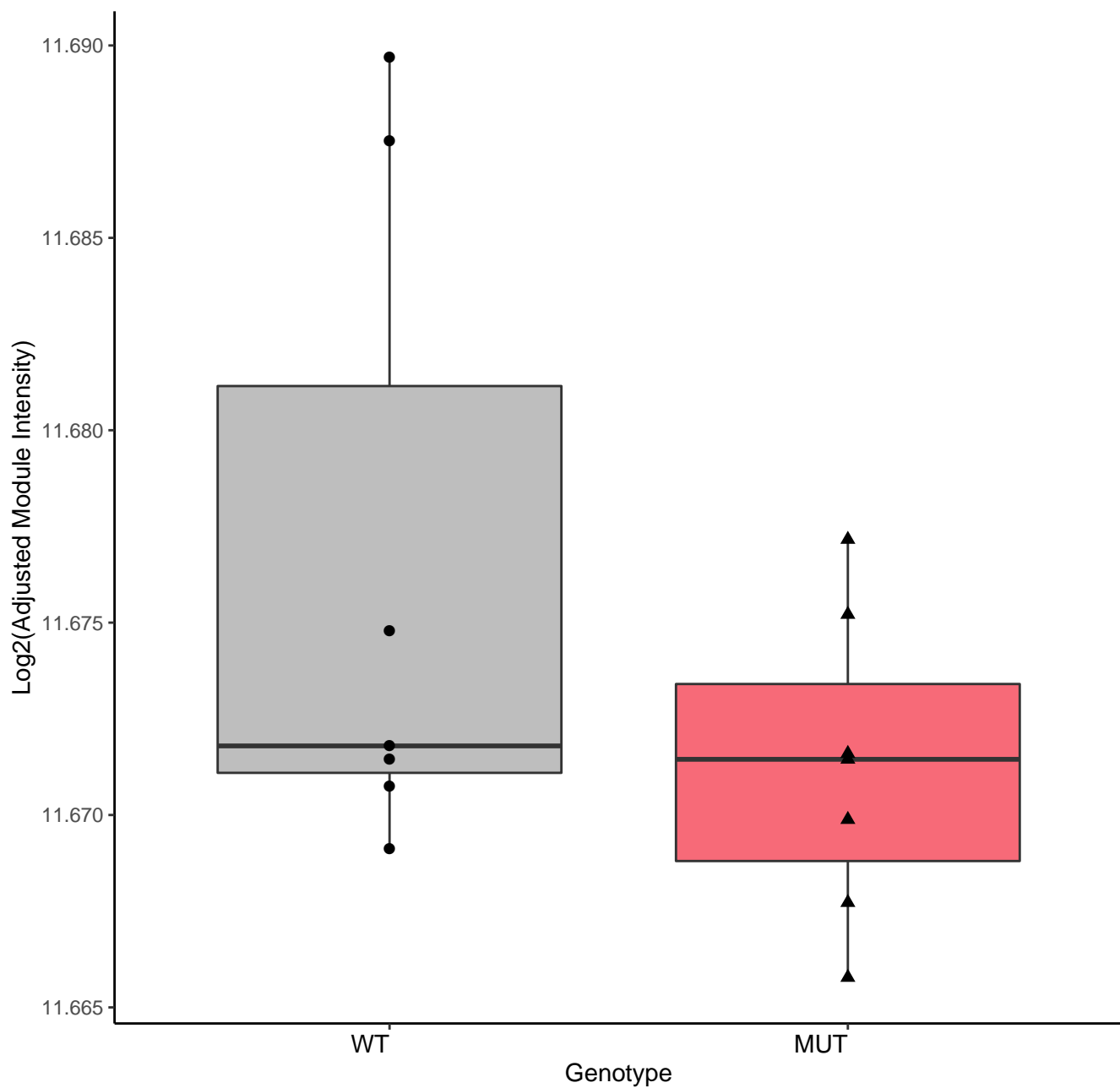
M198



M199



M200



M201

Log2(Adjusted Module Intensity)

13.65

13.60

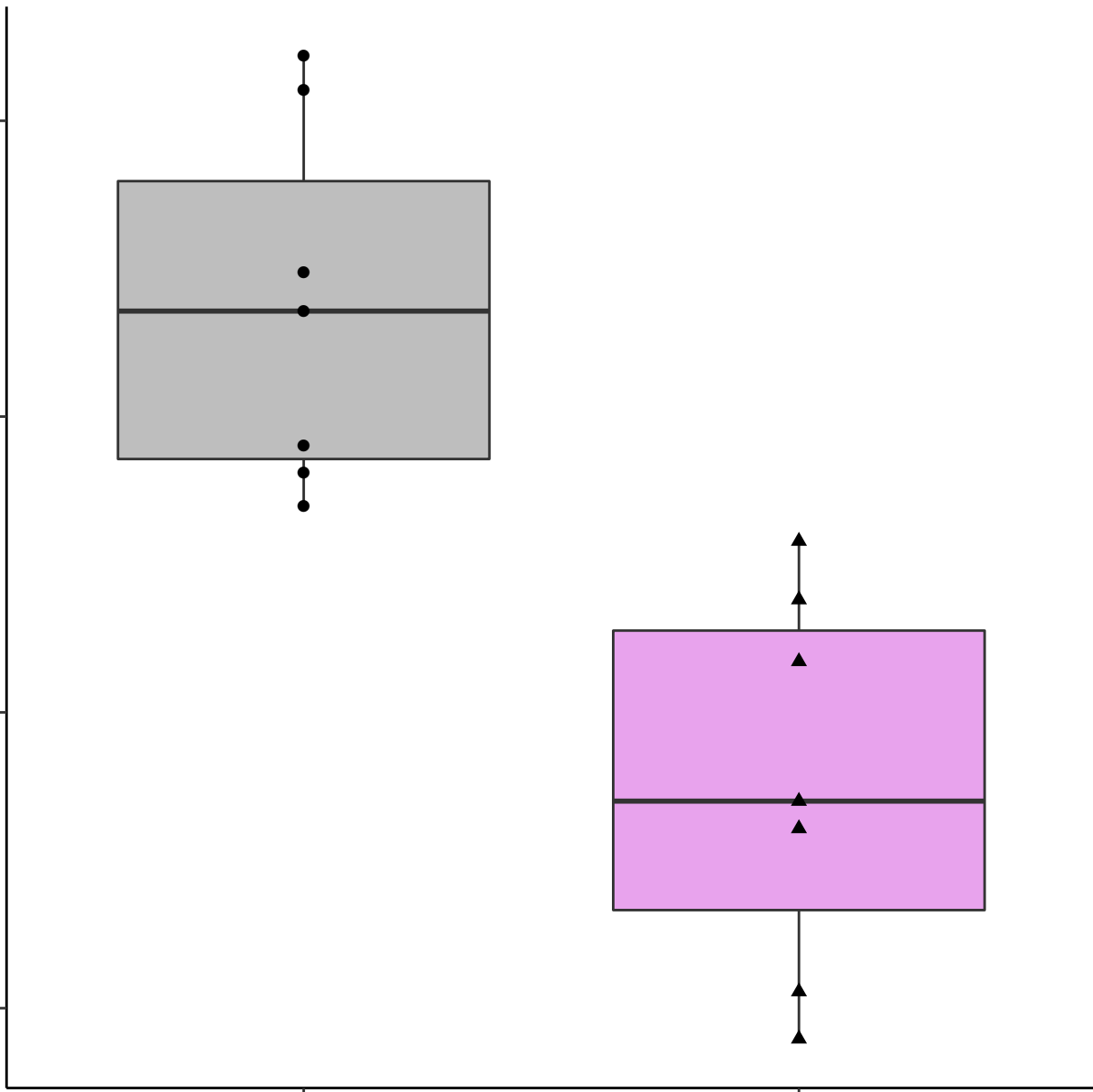
13.55

13.50

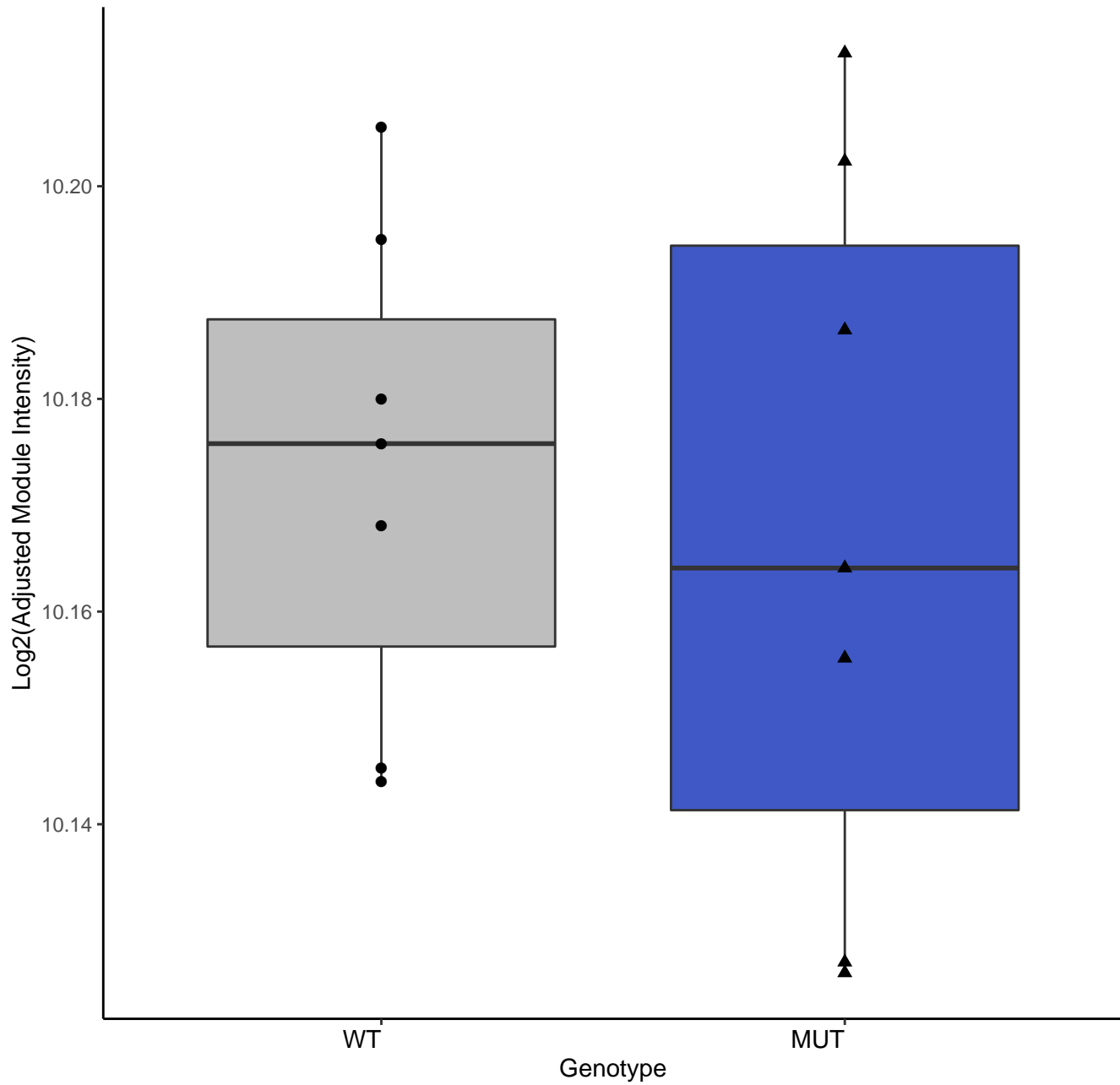
WT

Genotype

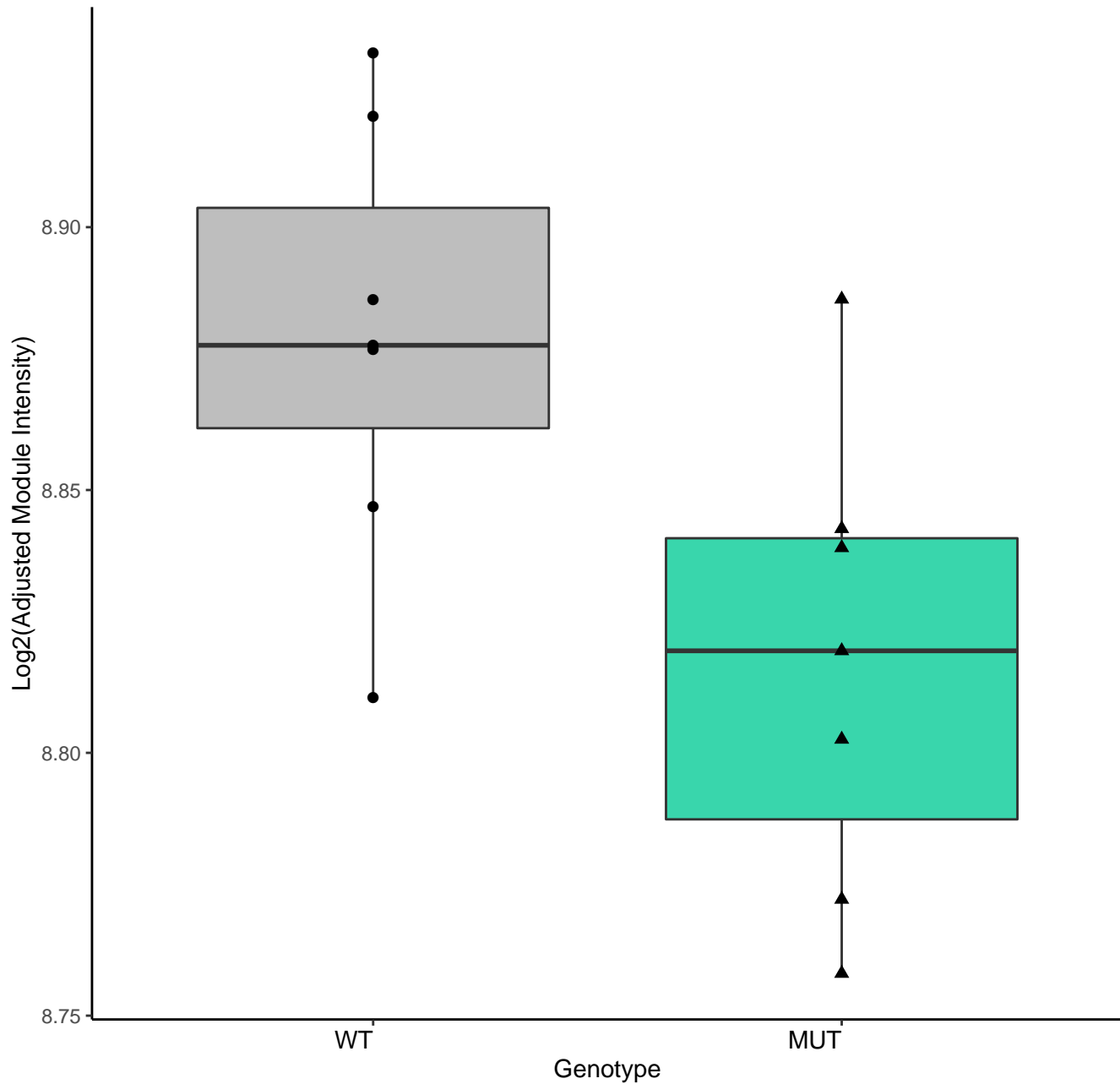
MUT



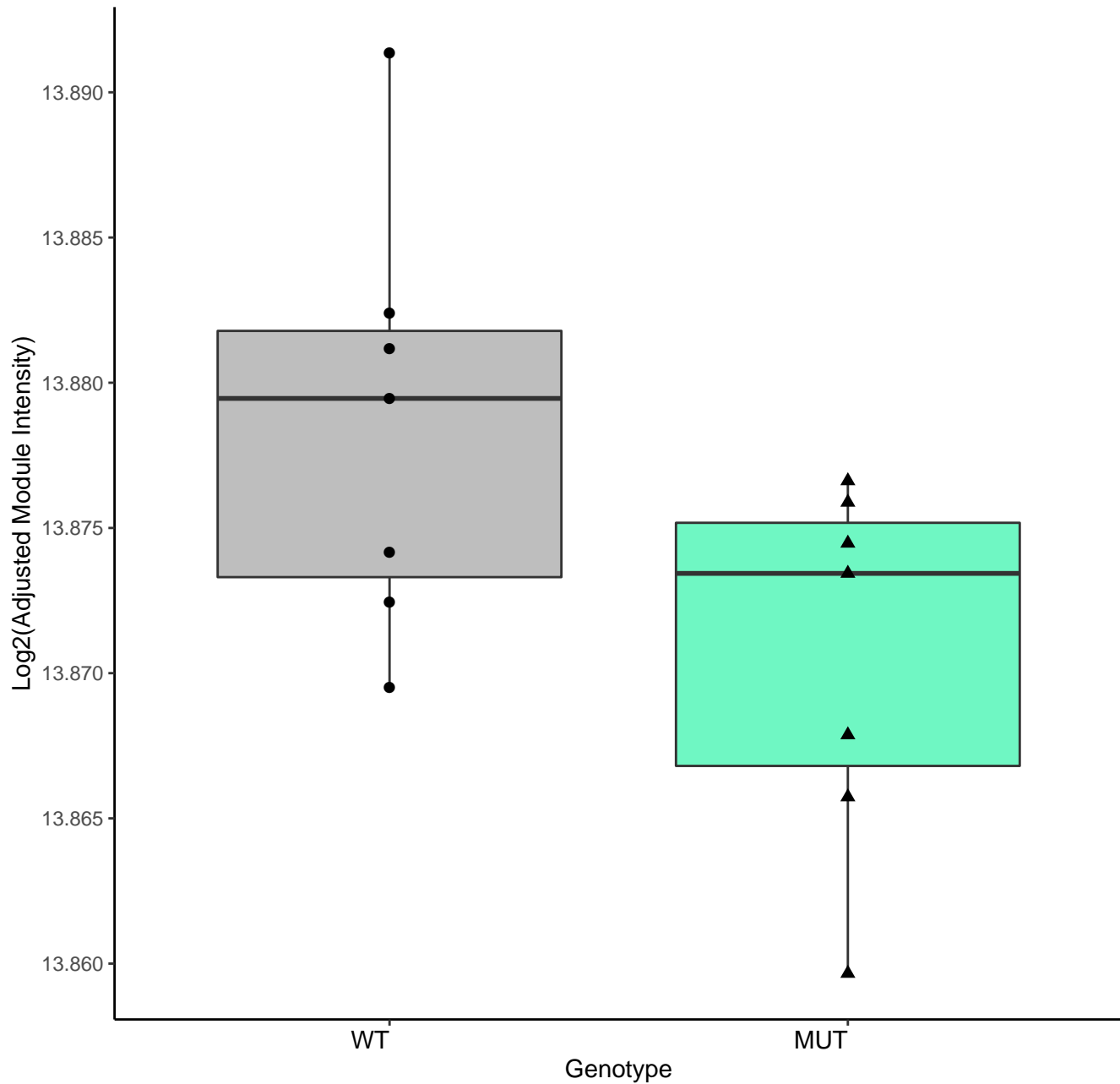
M202



M203



M204



M205

**

Log2(Adjusted Module Intensity)

12.25

12.20

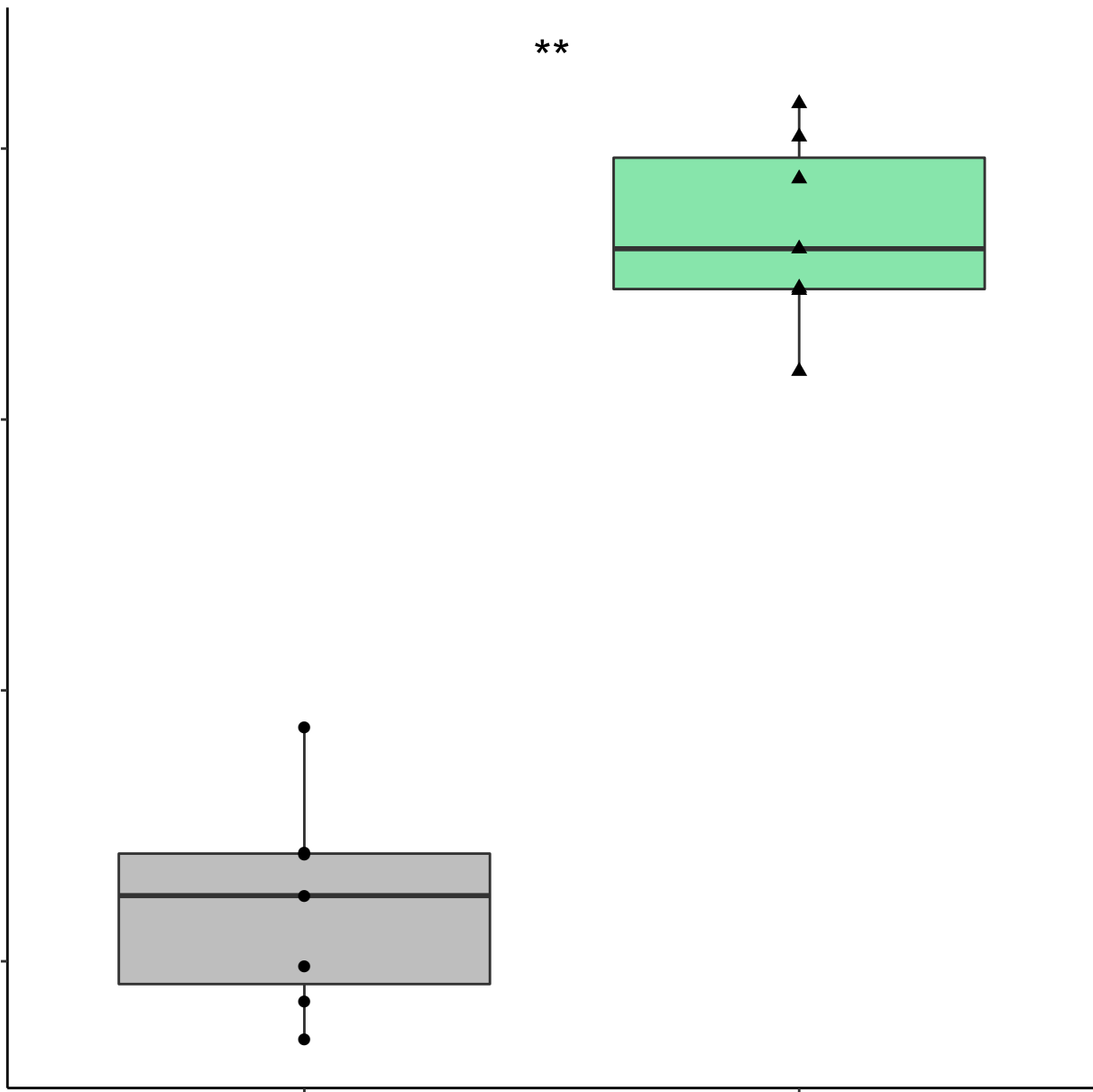
12.15

12.10

WT

MUT

Genotype



M206

Log2(Adjusted Module Intensity)

13.05

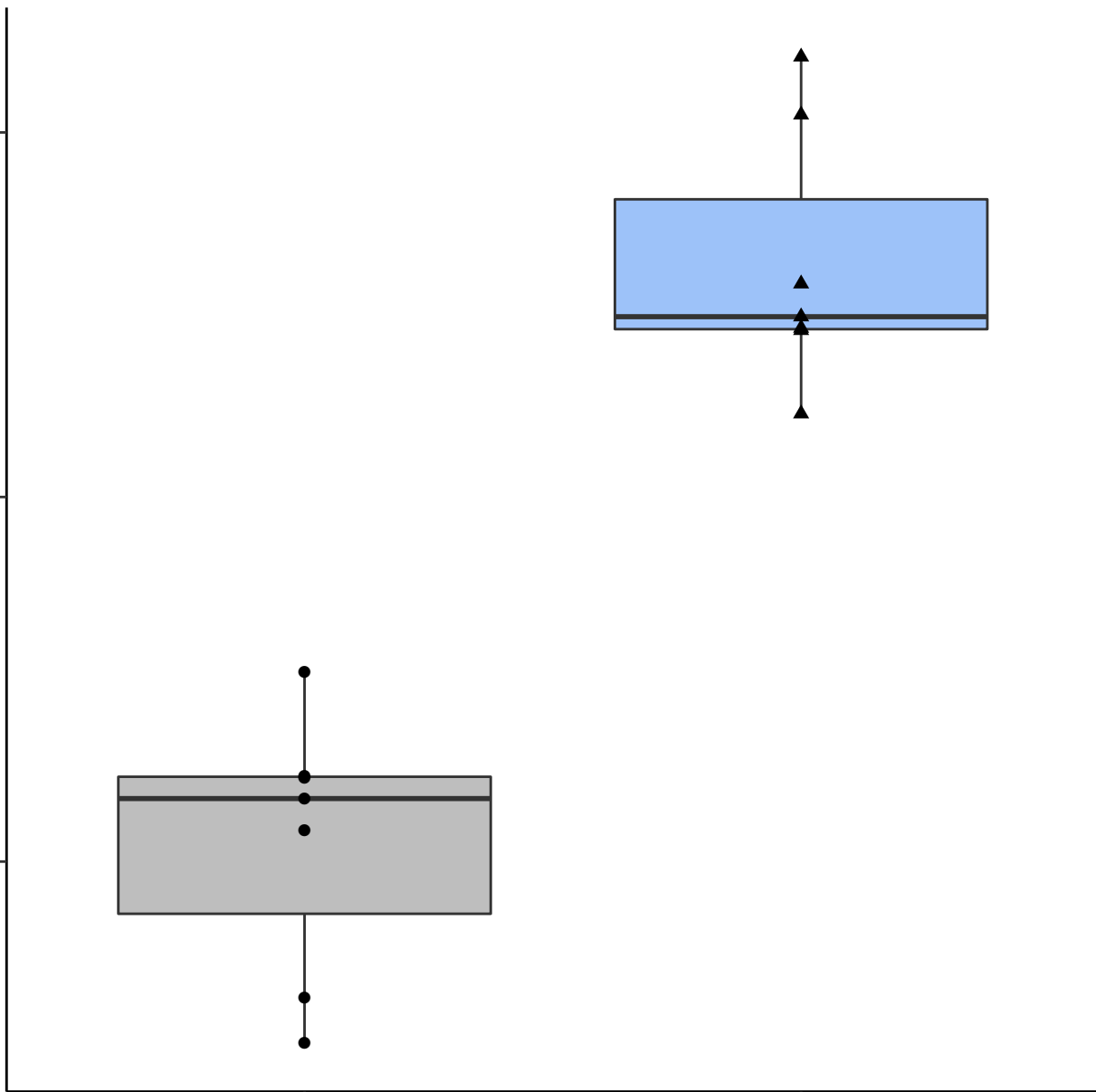
13.00

12.95

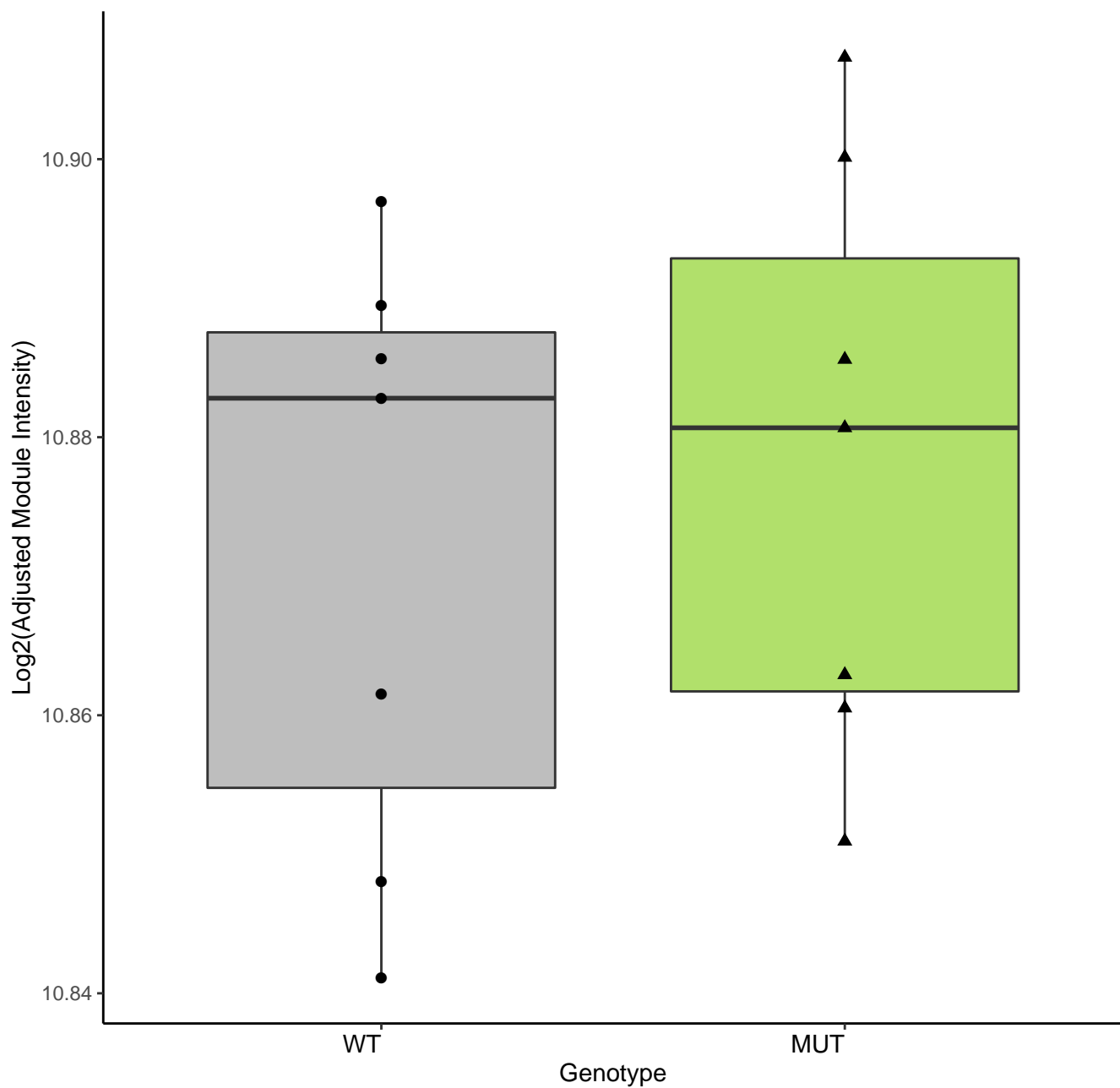
WT

Genotype

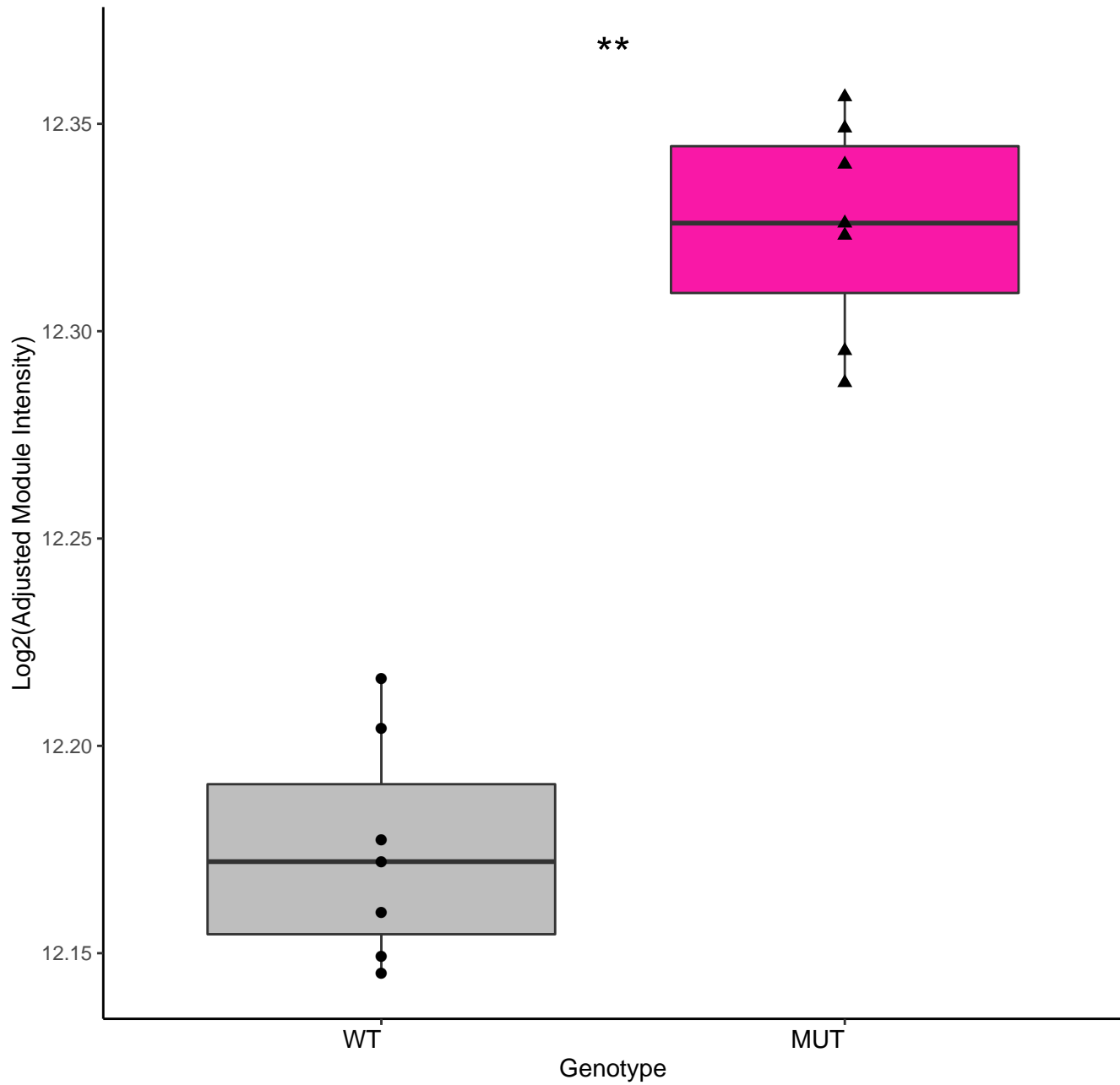
MUT



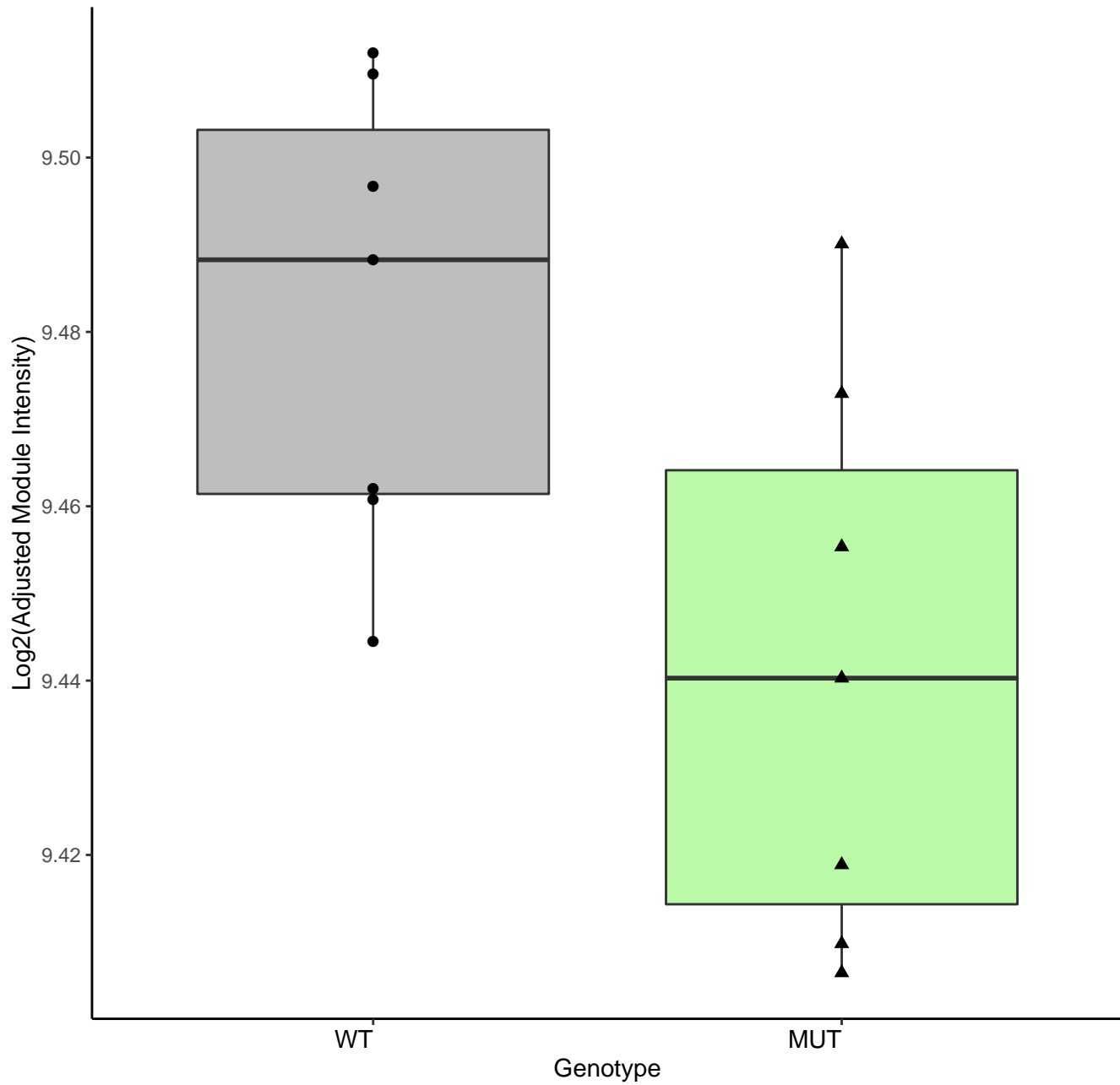
M207



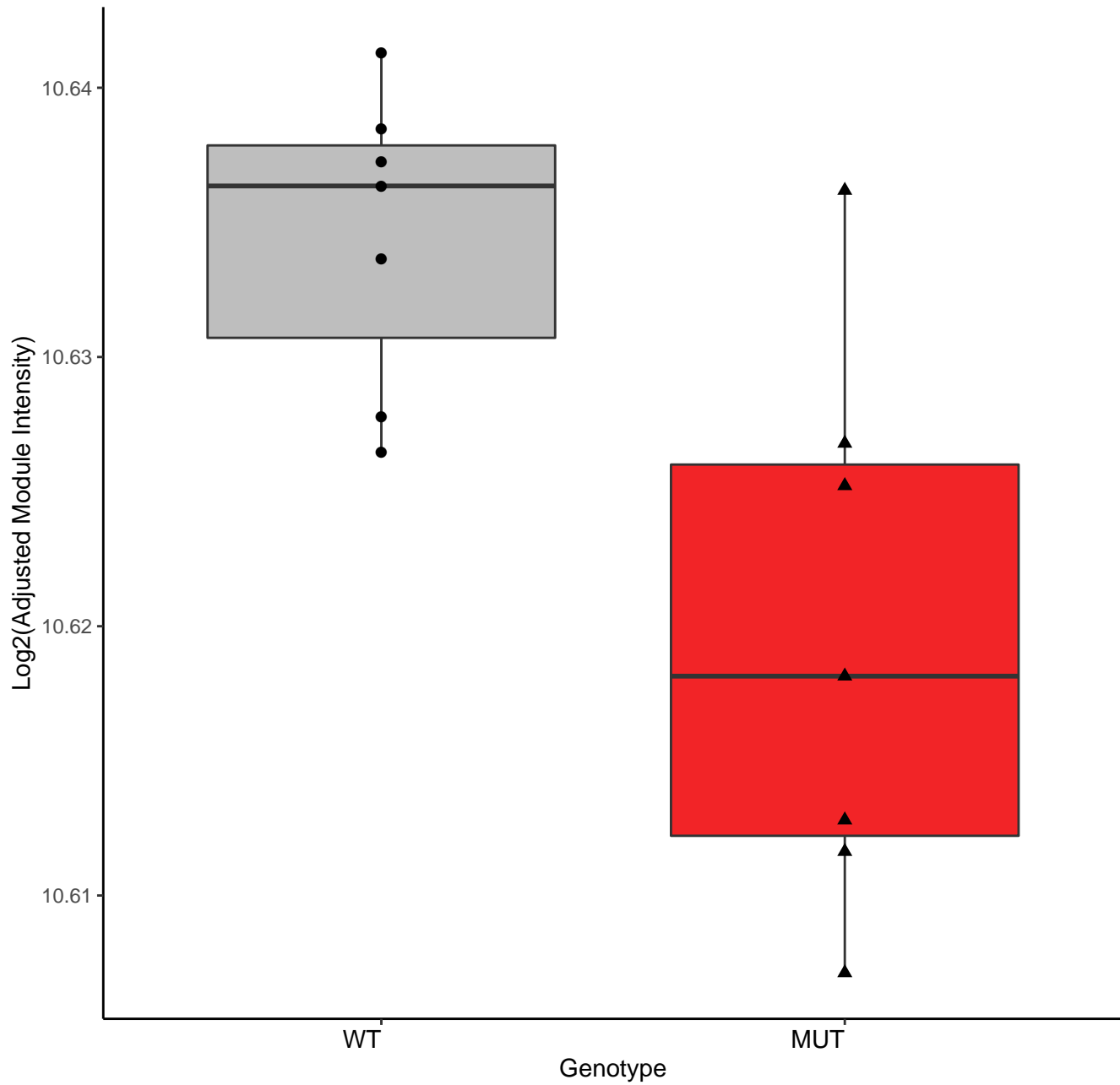
M208



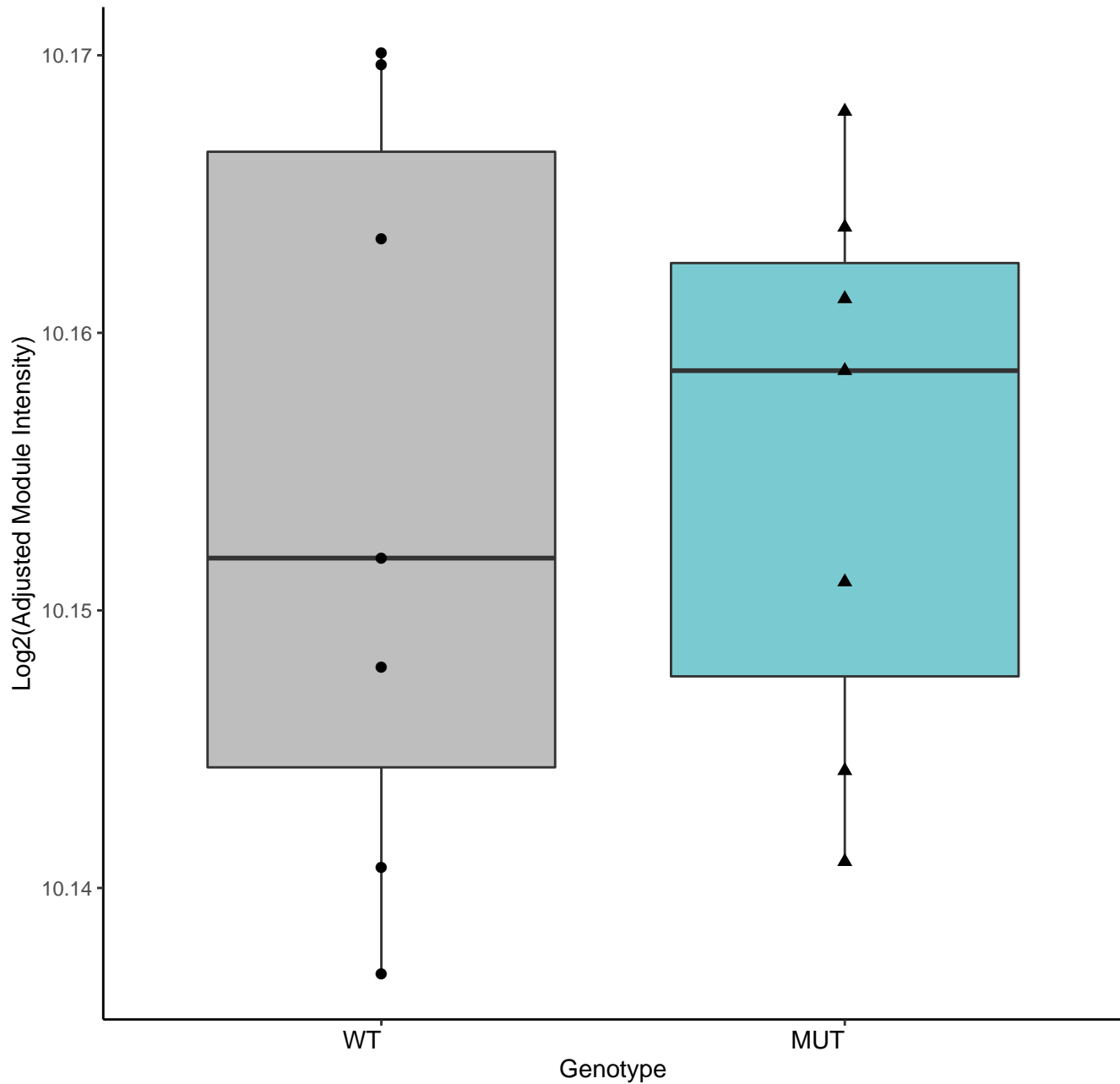
M209



M210



M211



M212

Log2(Adjusted Module Intensity)

10.31

10.30

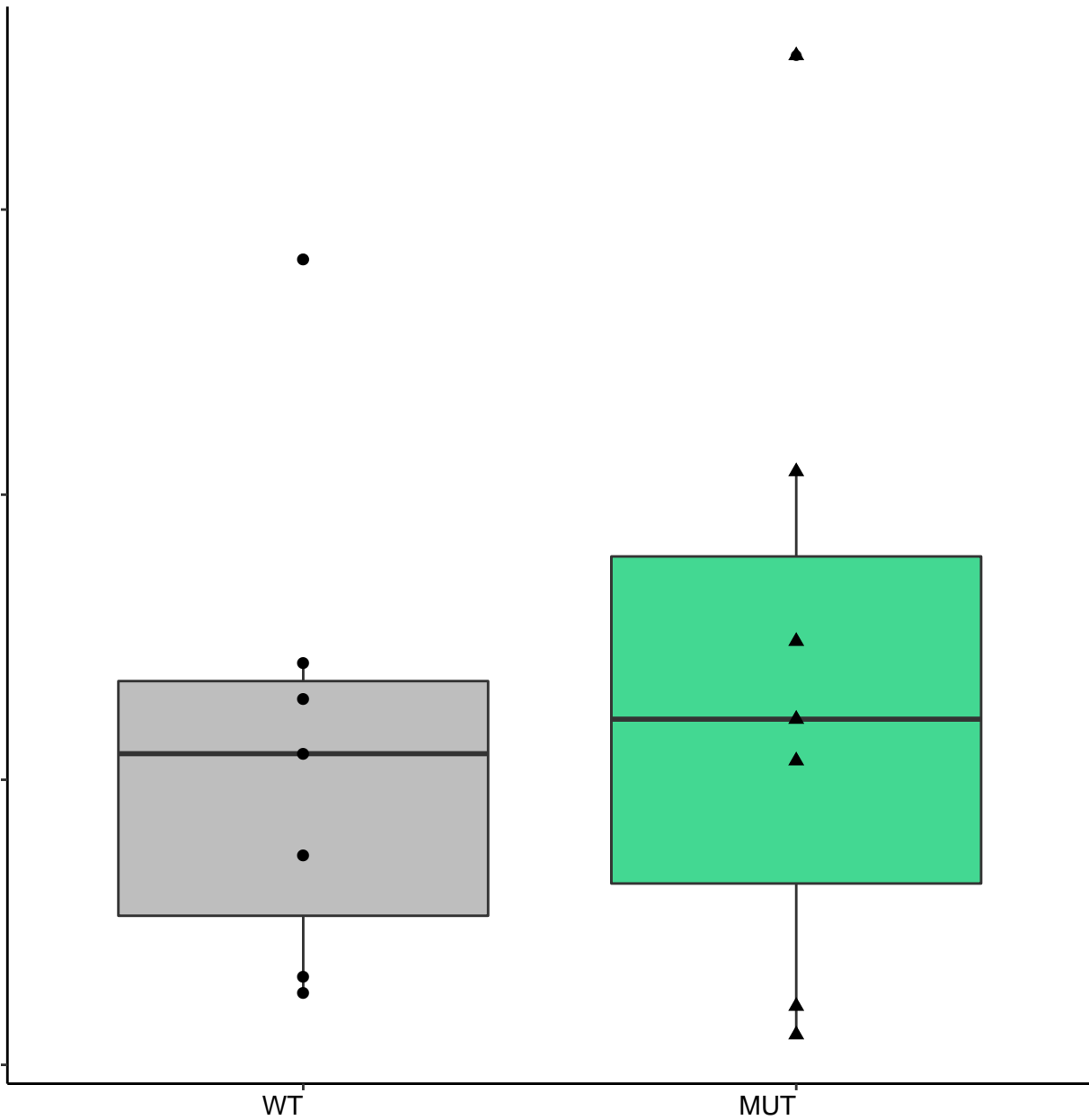
10.29

10.28

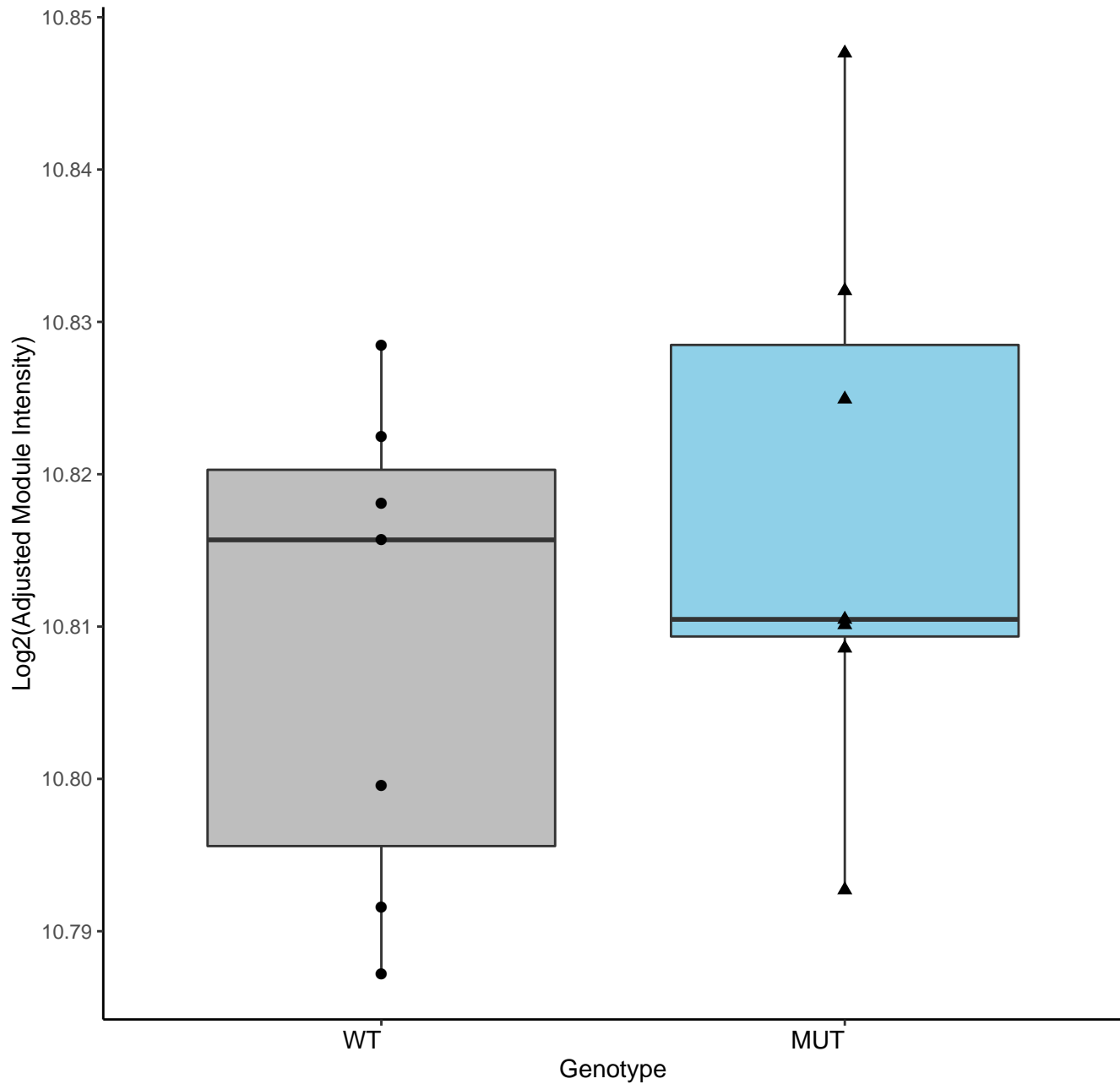
WT

MUT

Genotype



M213



M214

Log2(Adjusted Module Intensity)

9.02

9.00

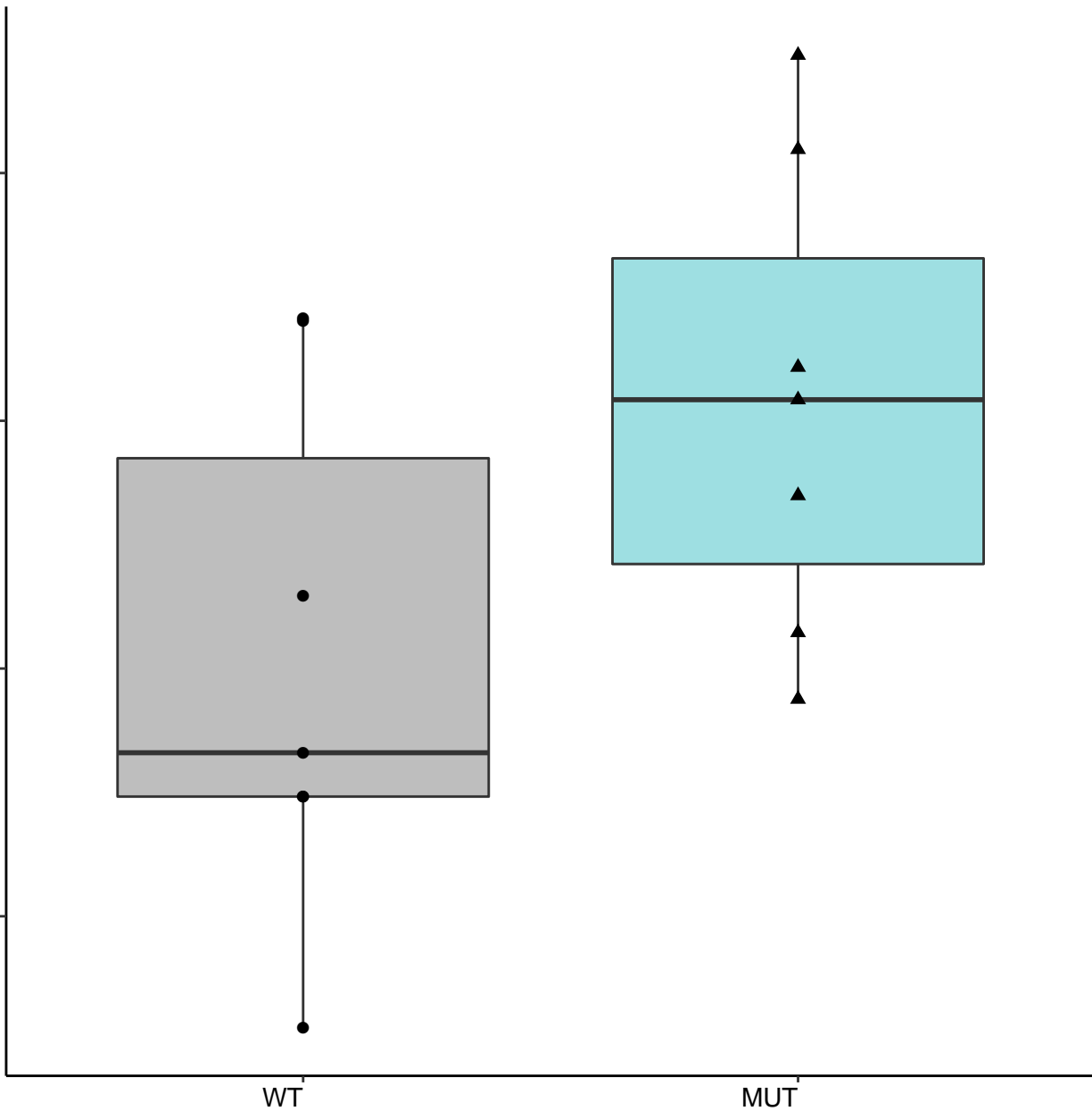
8.98

8.96

WT

Genotype

MUT



M215

Log2(Adjusted Module Intensity)

11.05

11.00

10.95

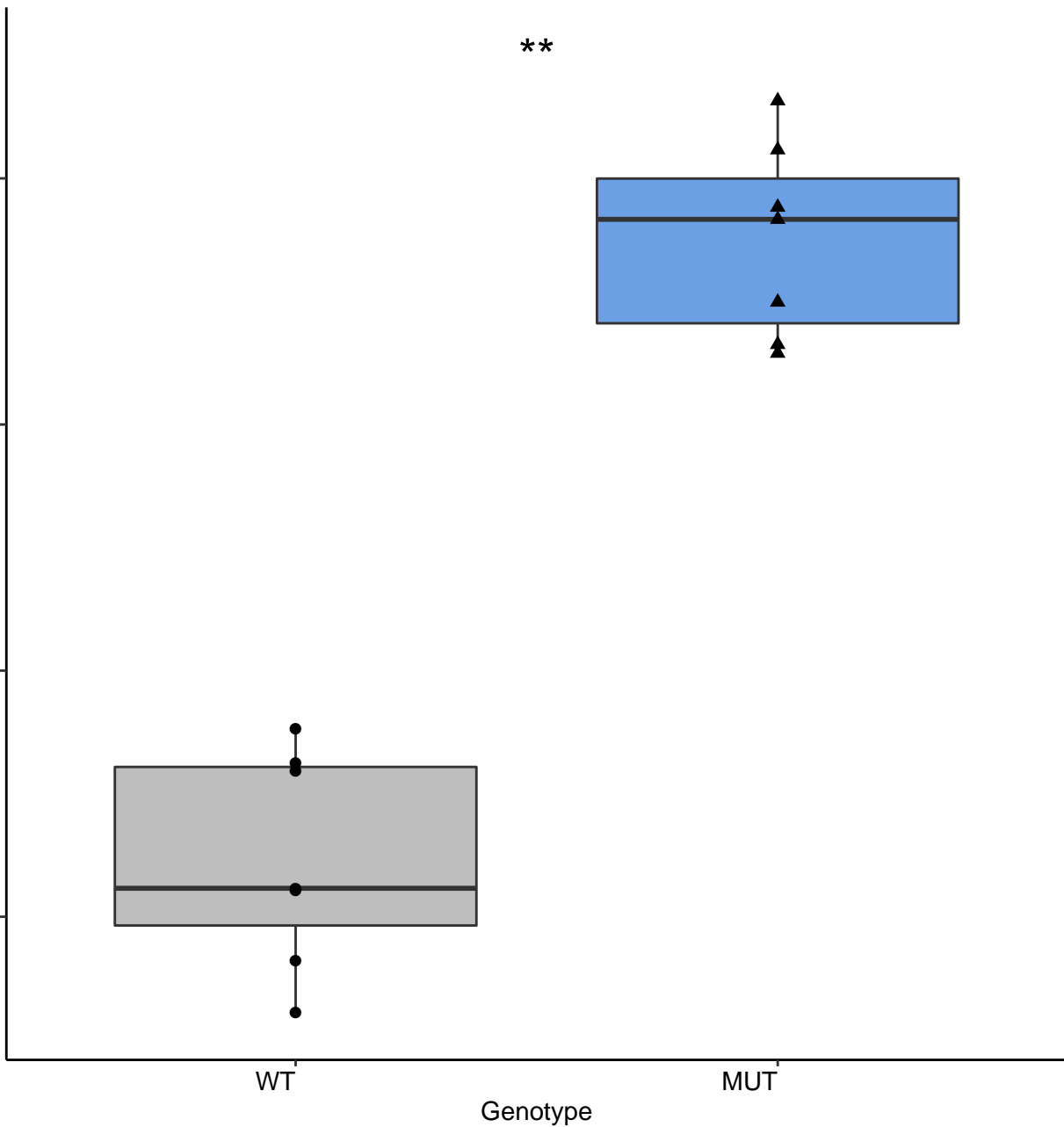
10.90

WT

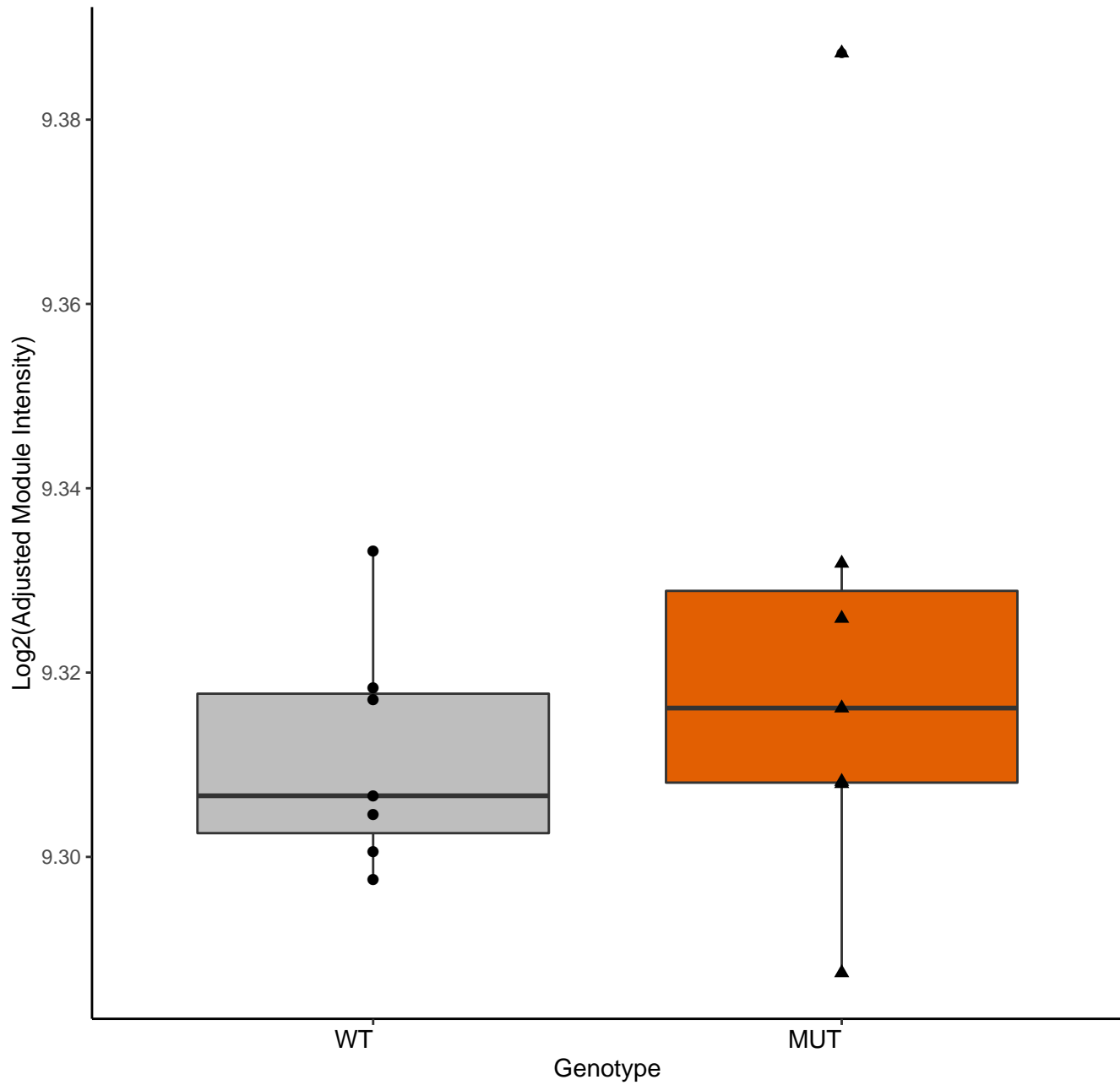
MUT

Genotype

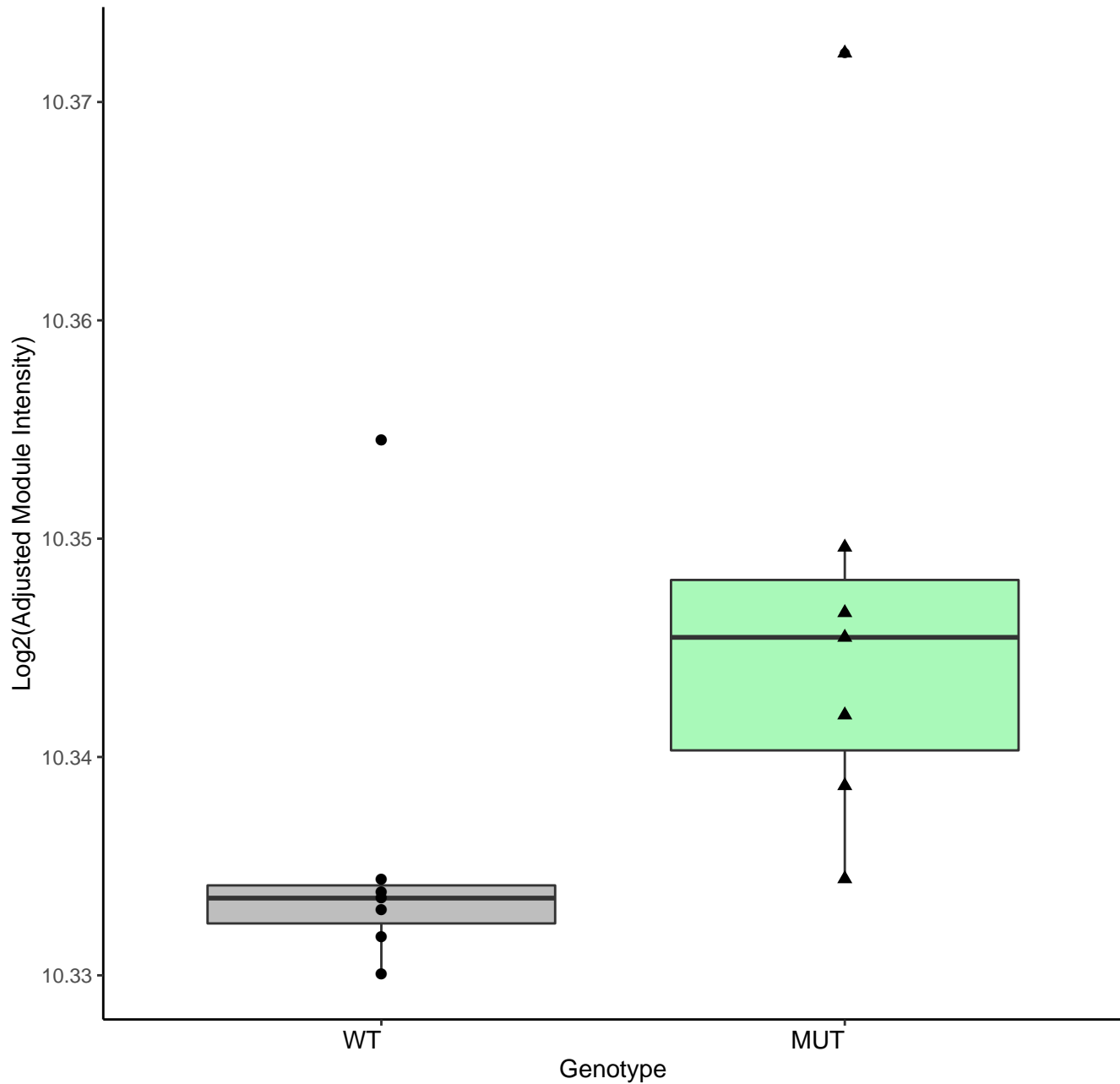
**



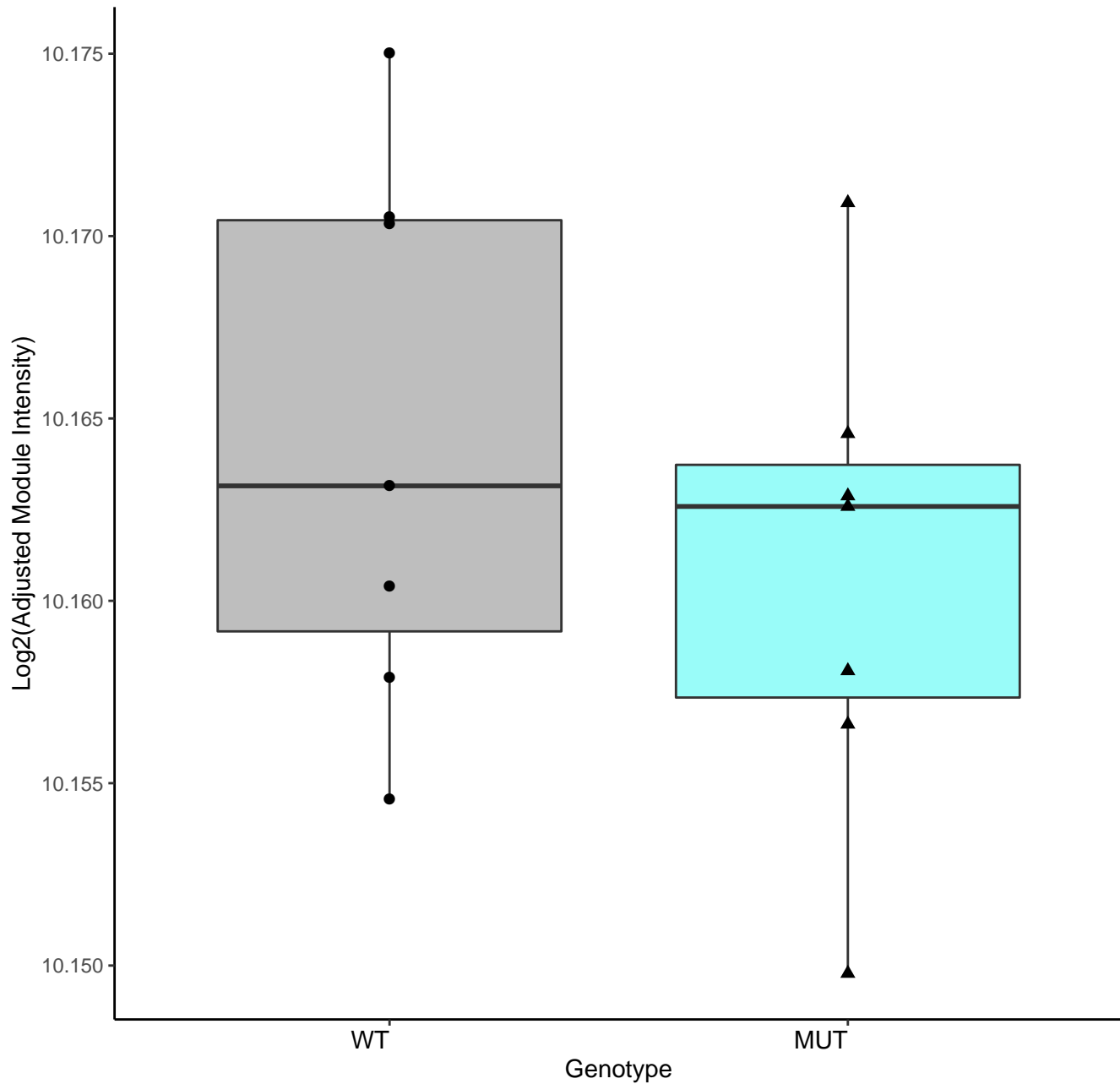
M216



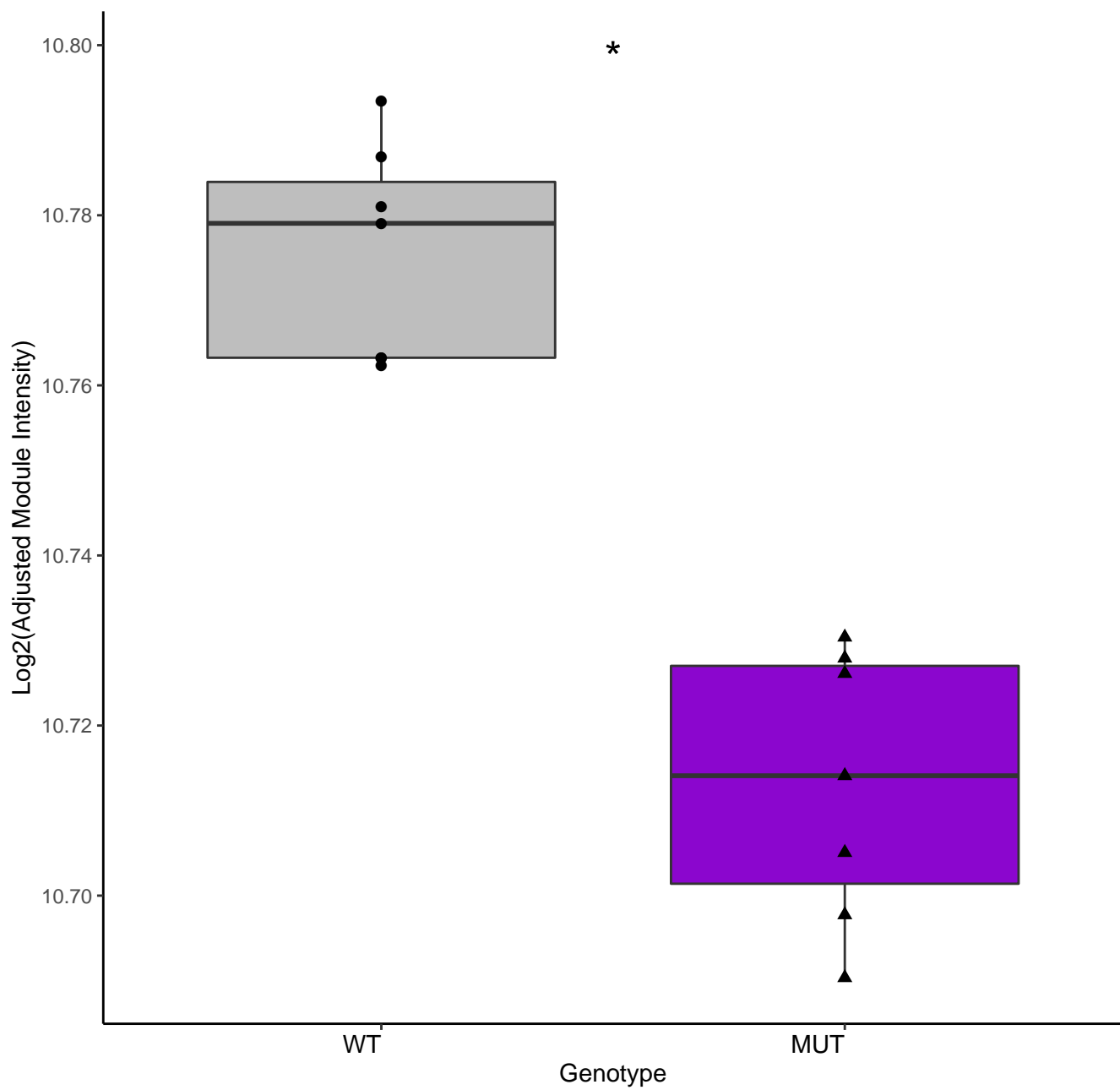
M217

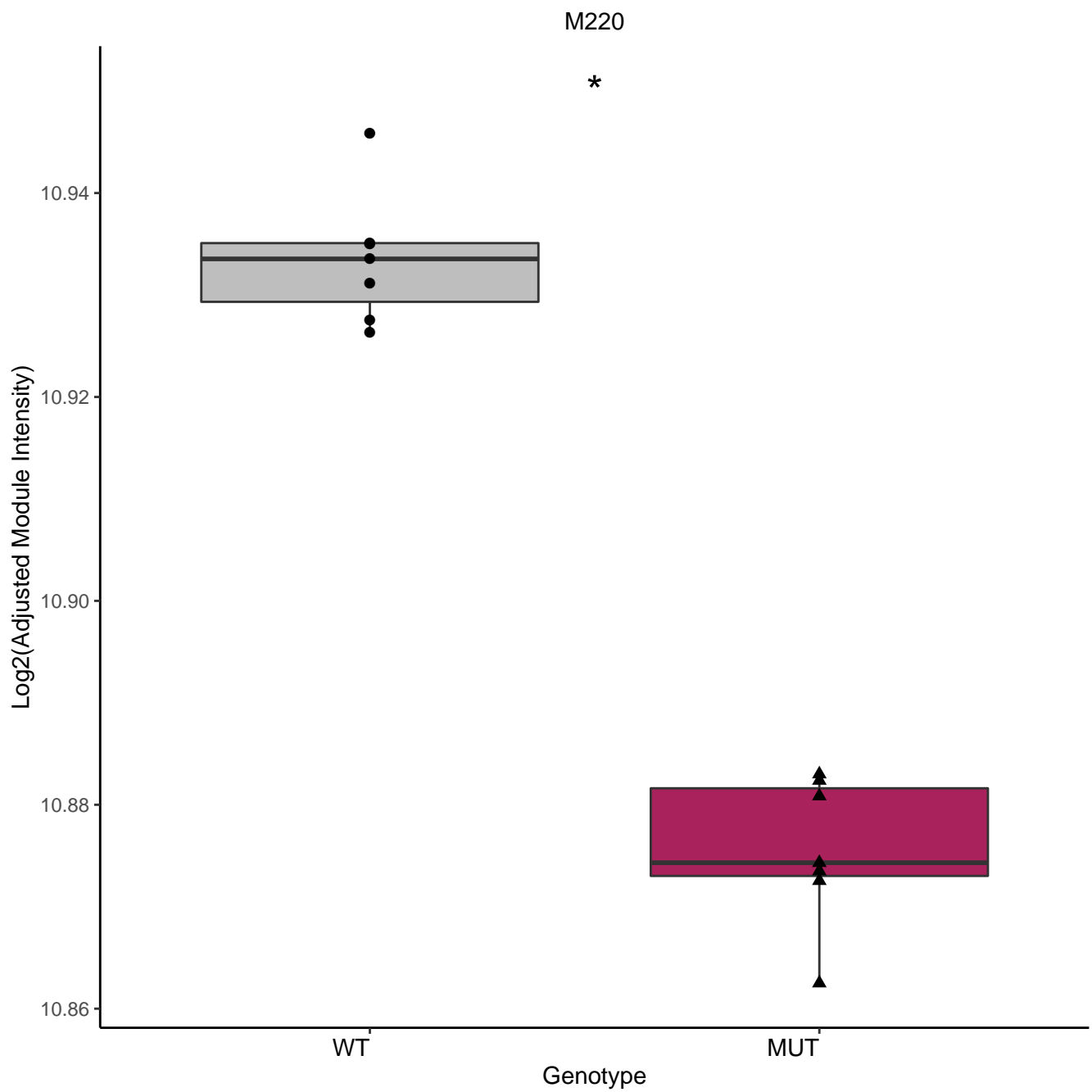


M218



M219





M221

Log2(Adjusted Module Intensity)

10.66

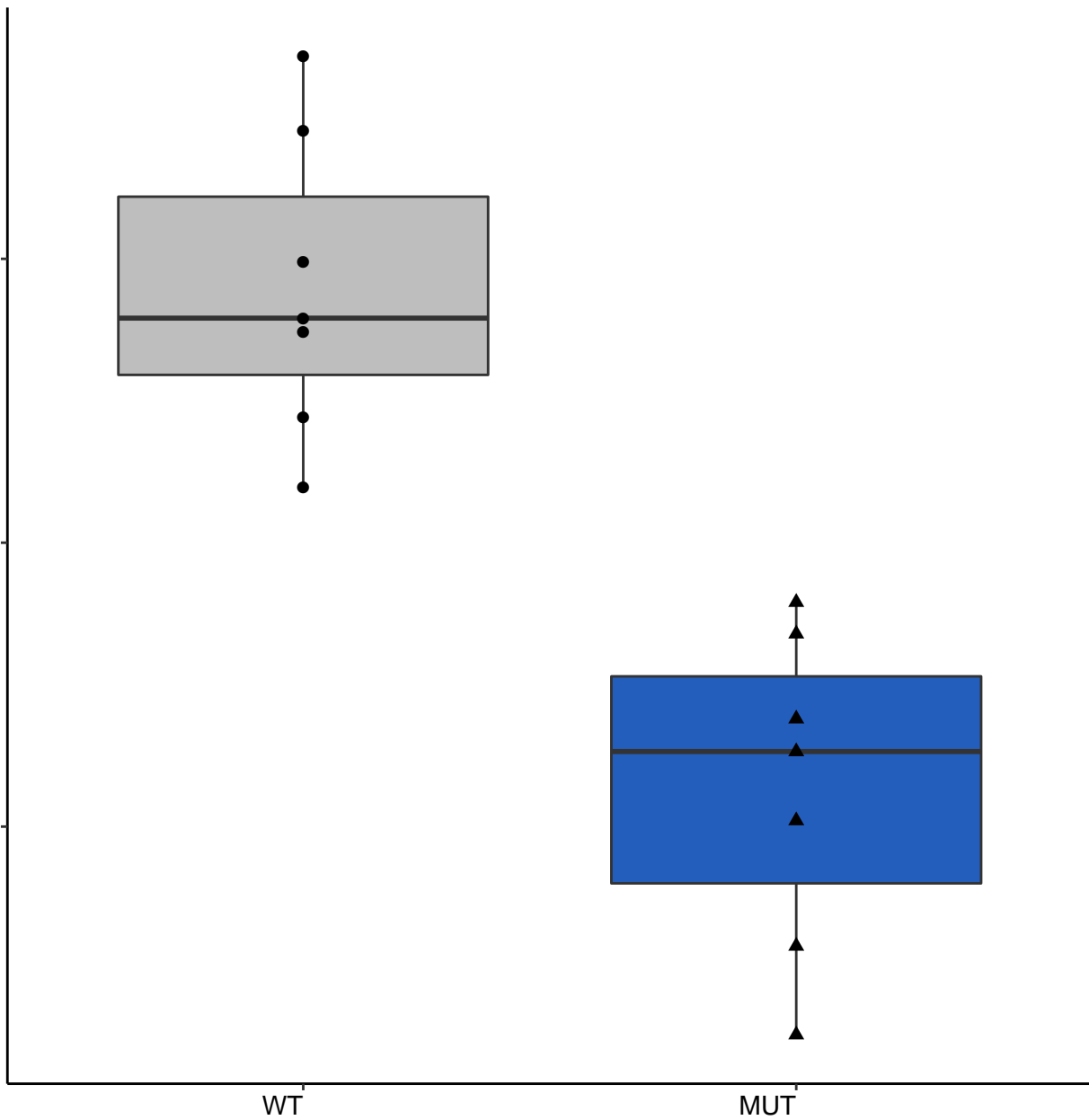
10.64

10.62

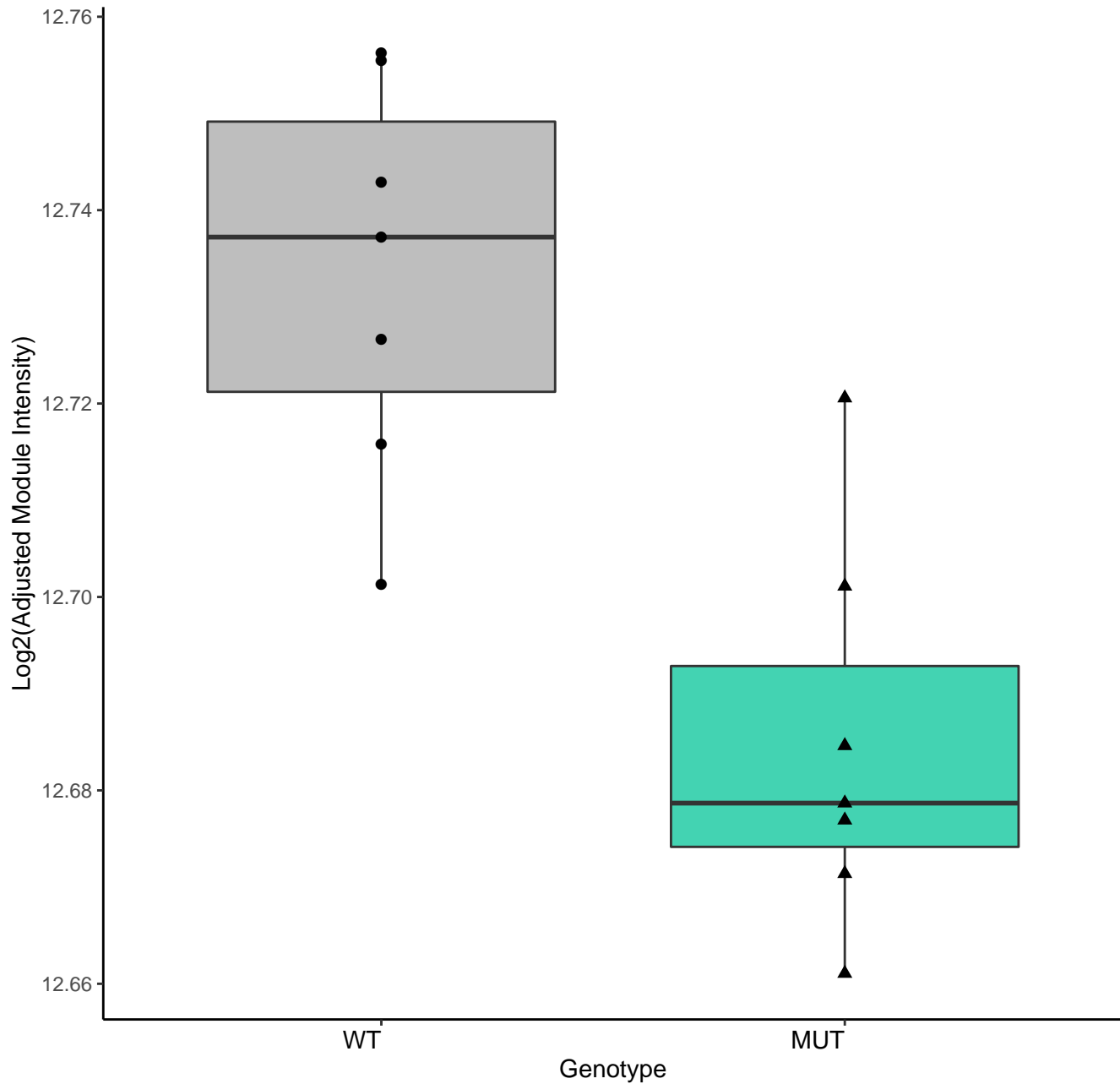
WT

Genotype

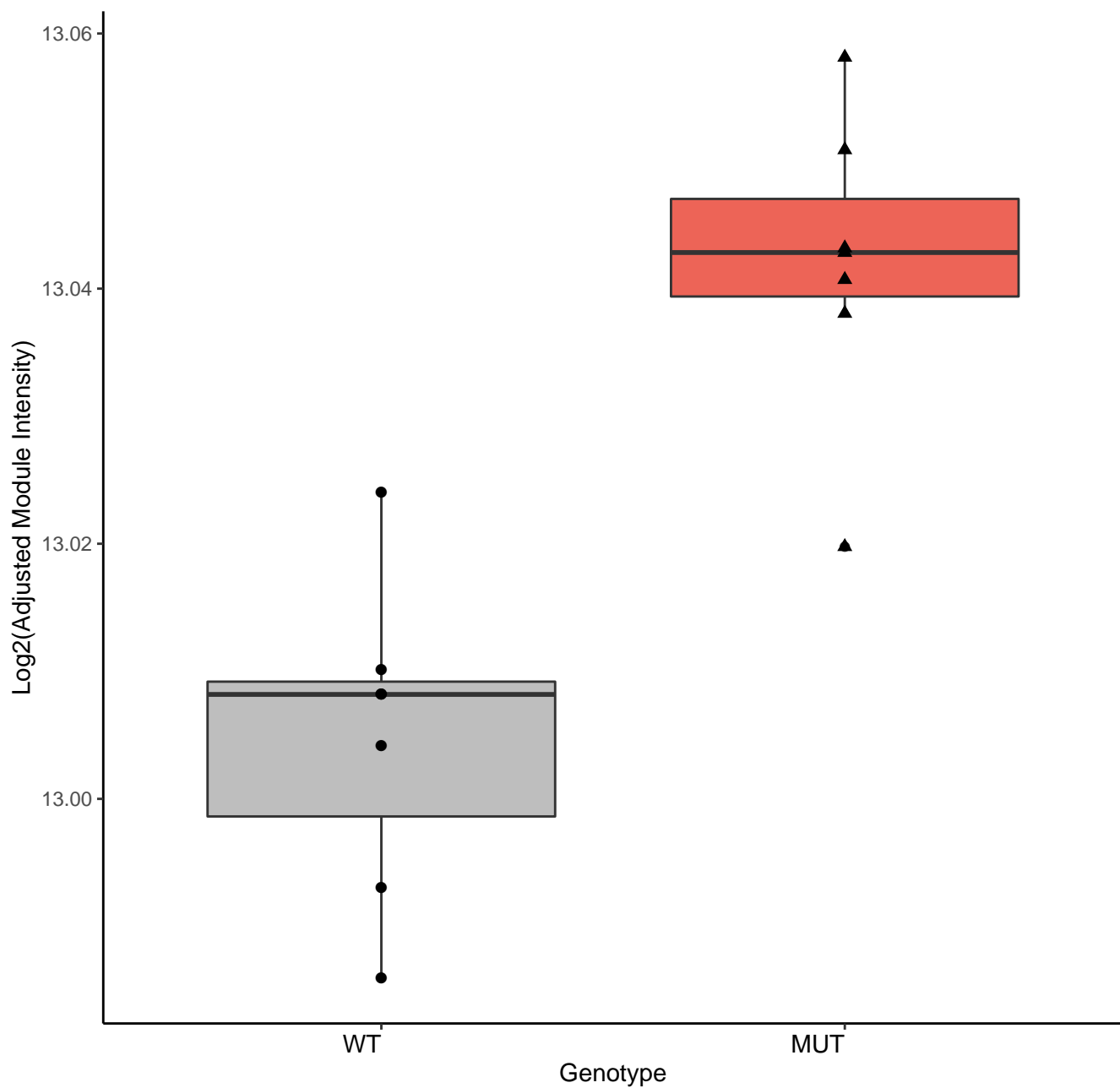
MUT

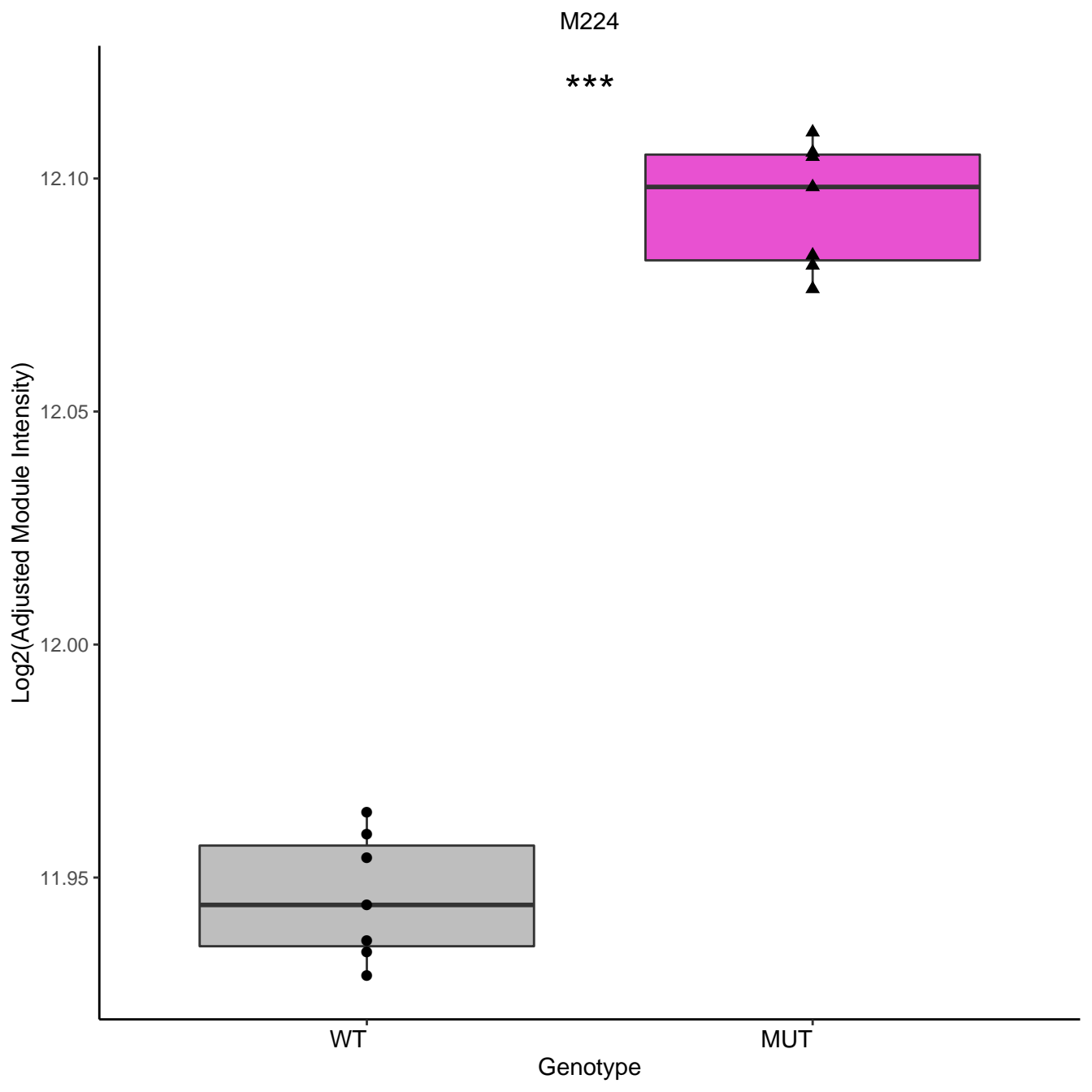


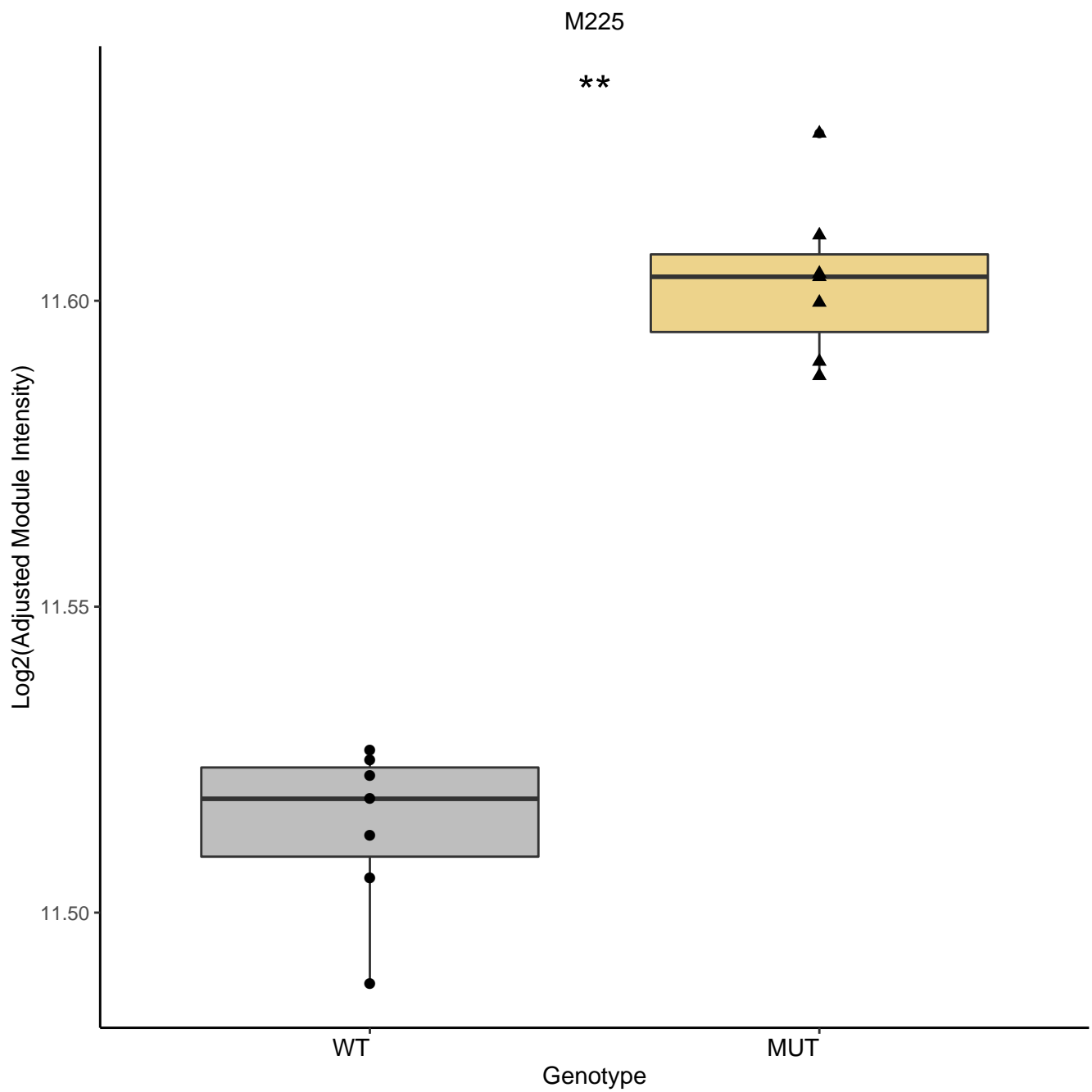
M222



M223







M226

**

Log2(Adjusted Module Intensity)

10.62

10.60

10.58

10.56

10.54

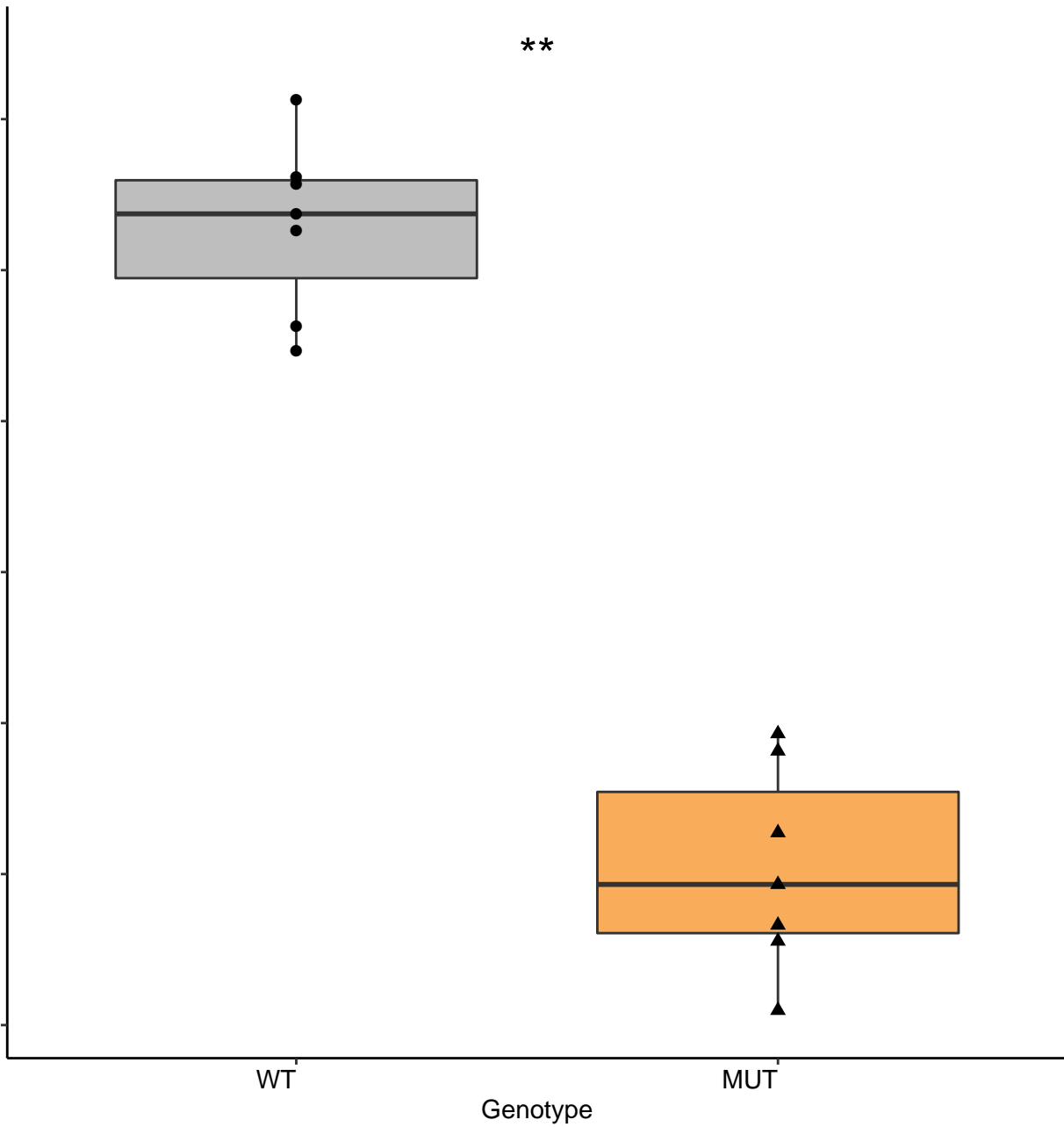
10.52

10.50

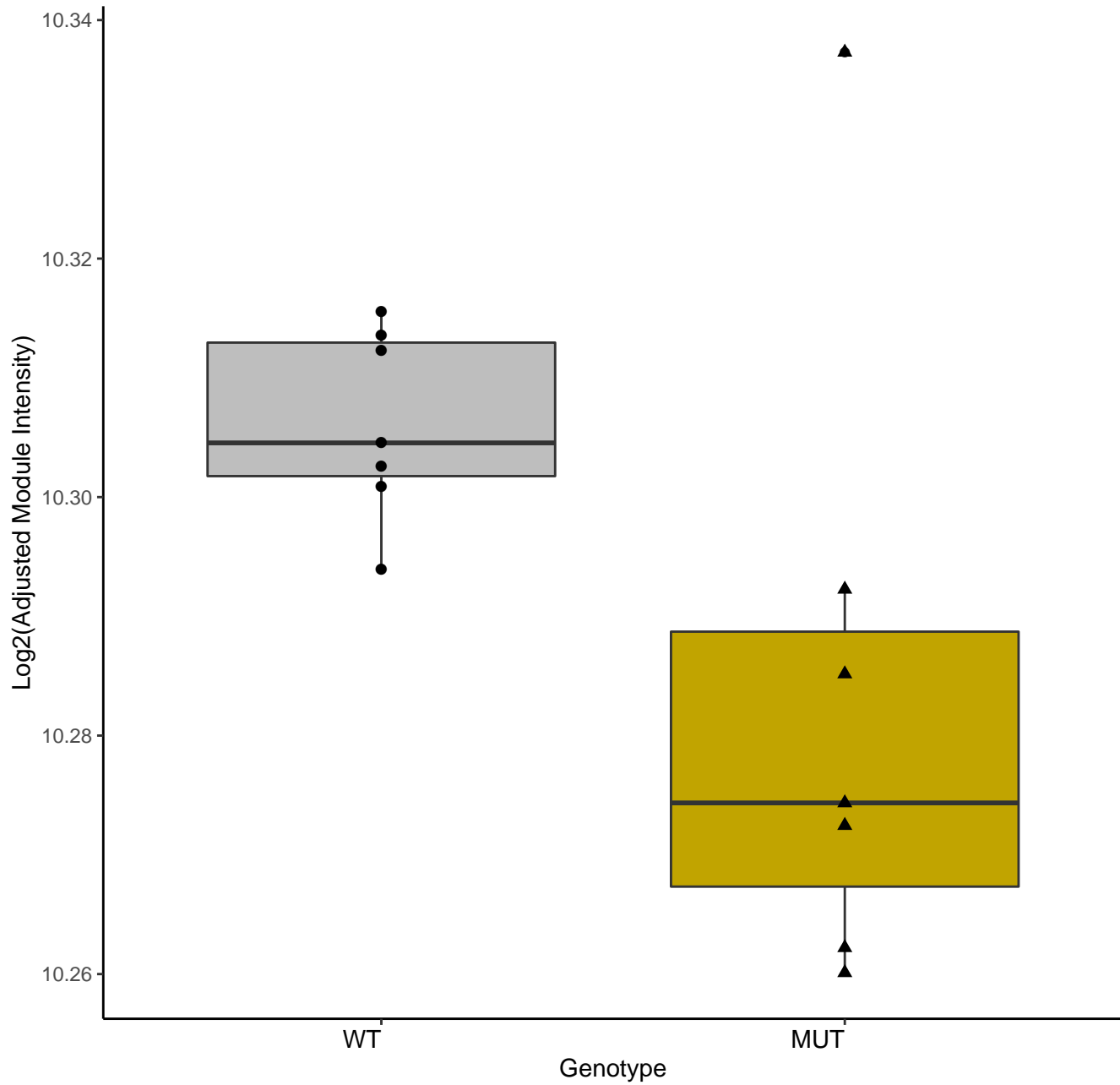
WT

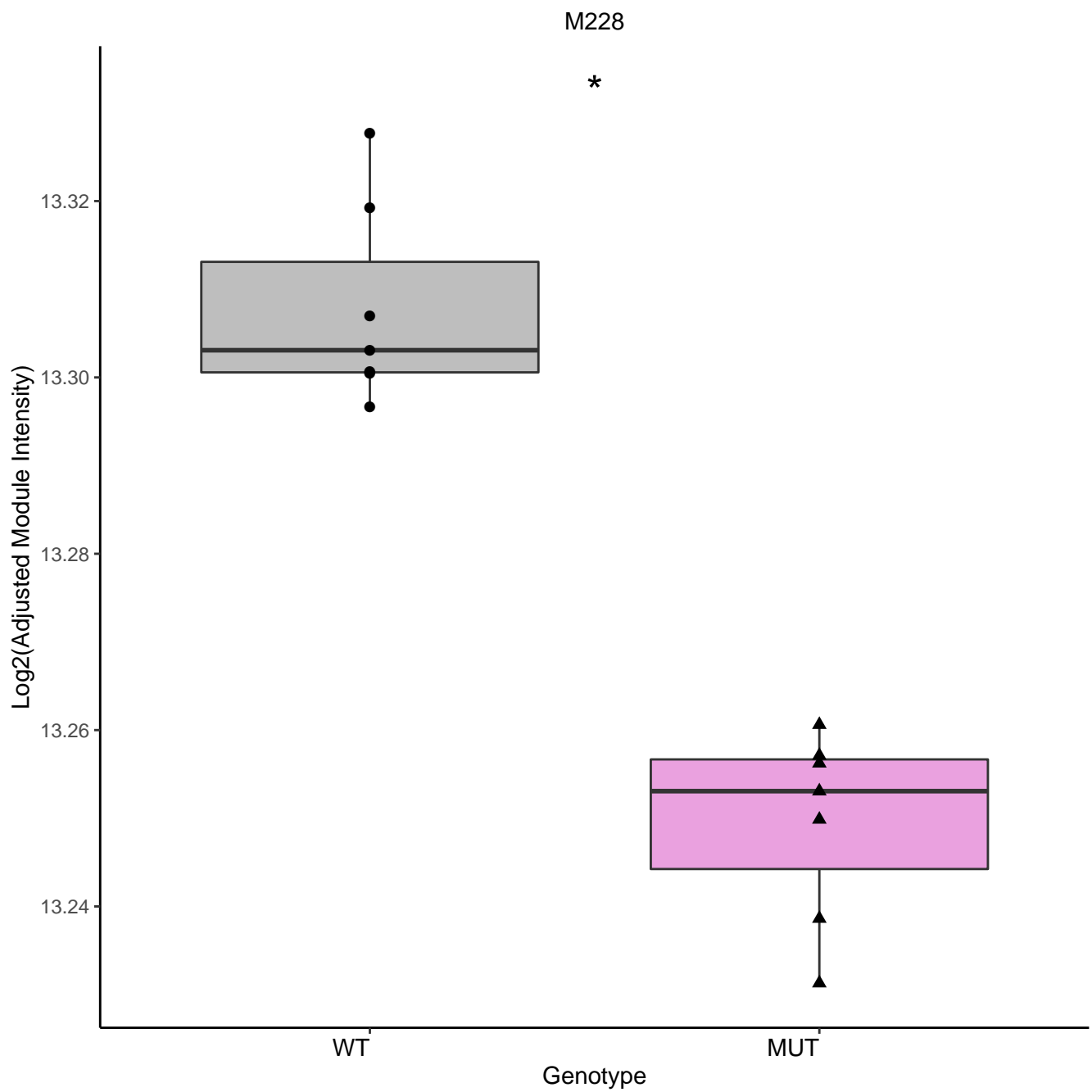
MUT

Genotype

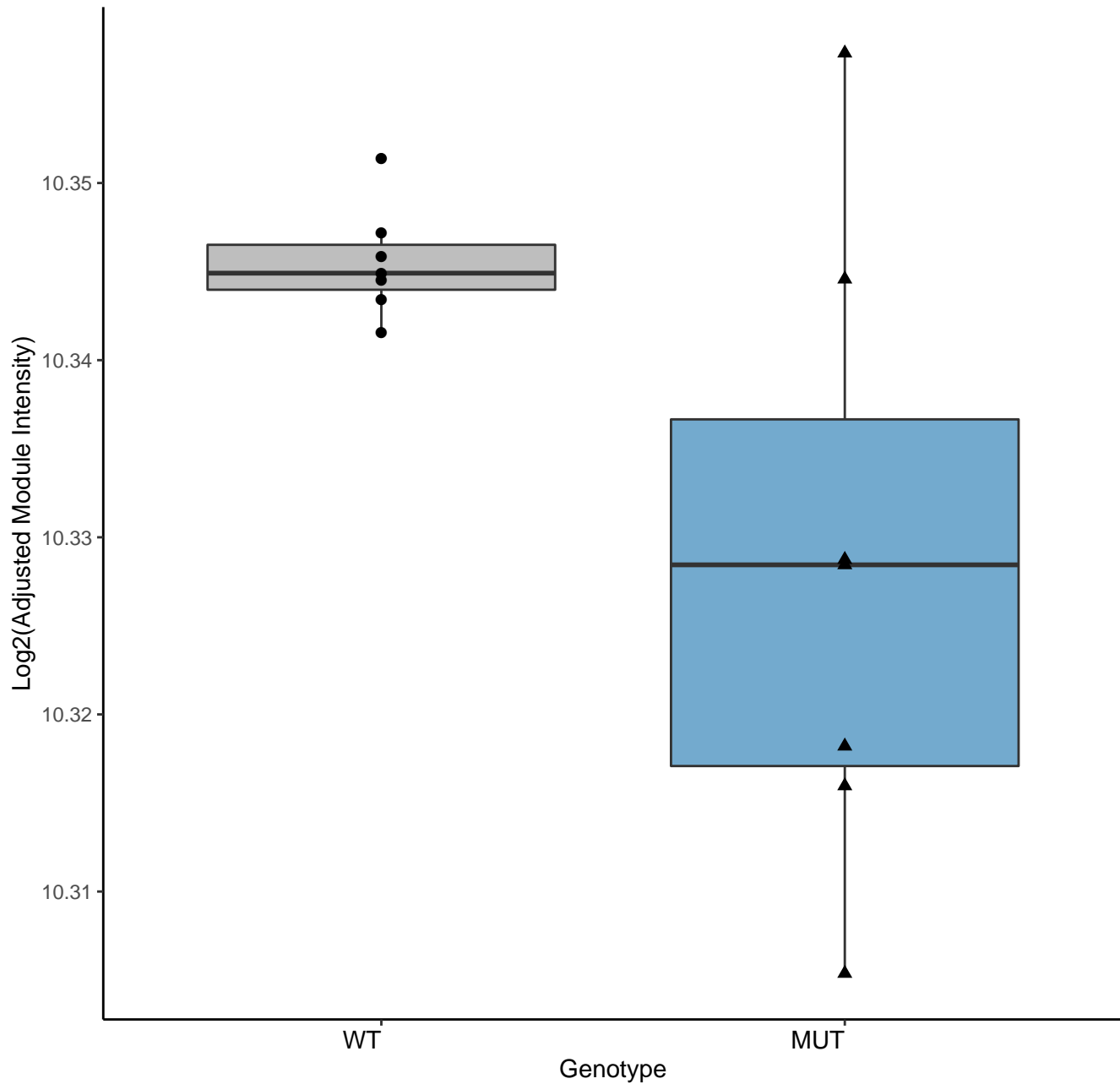


M227

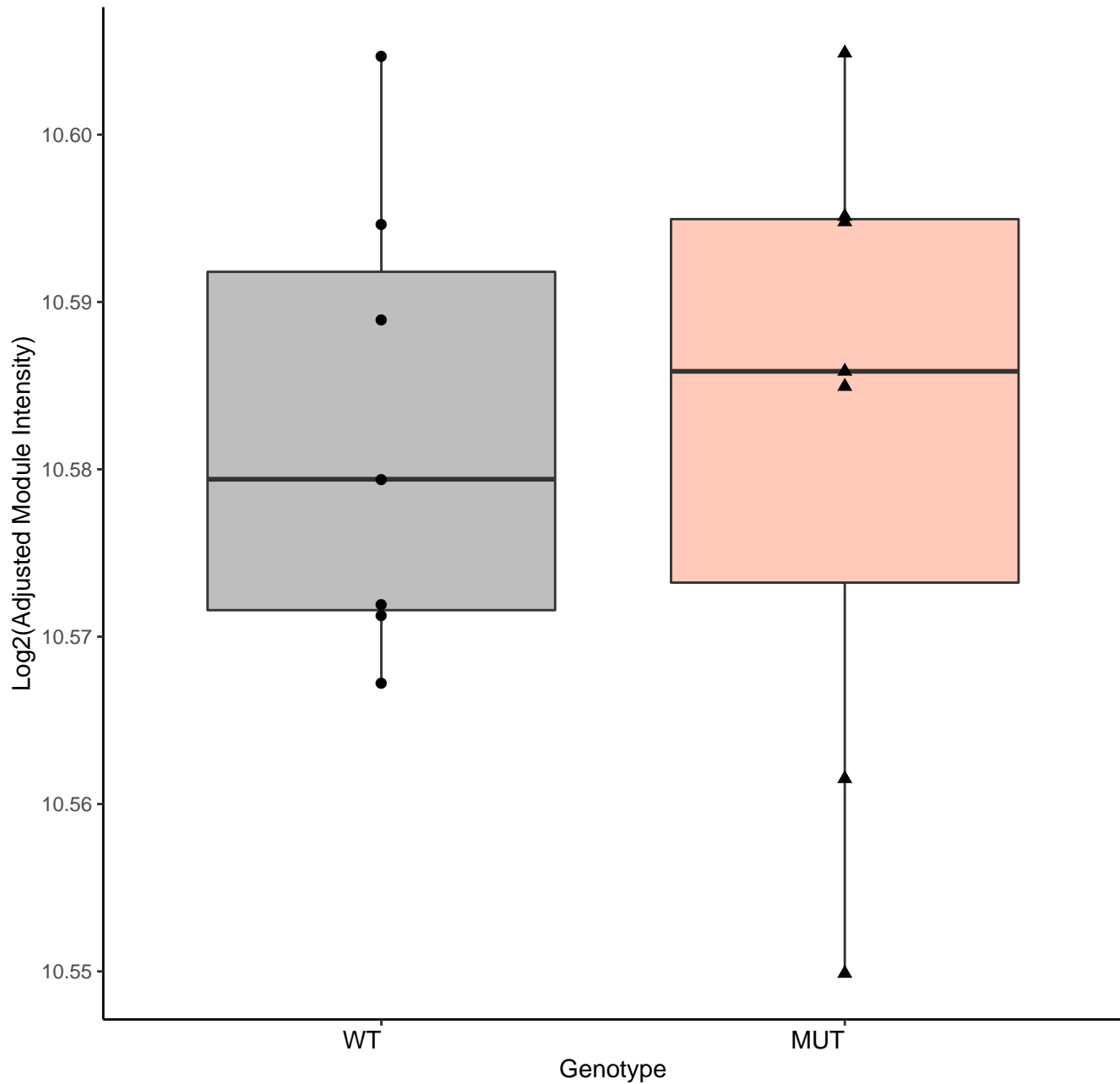




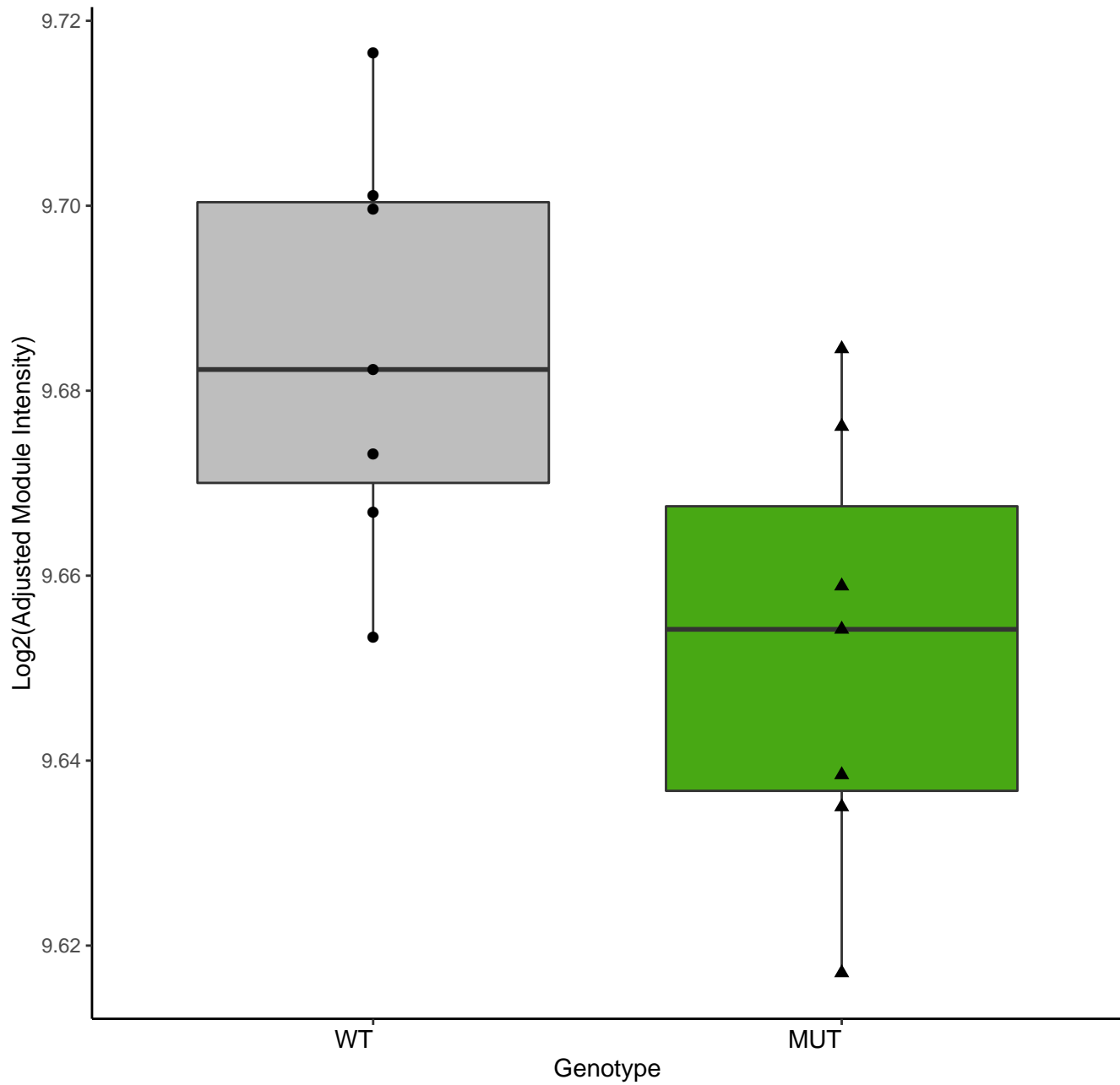
M229

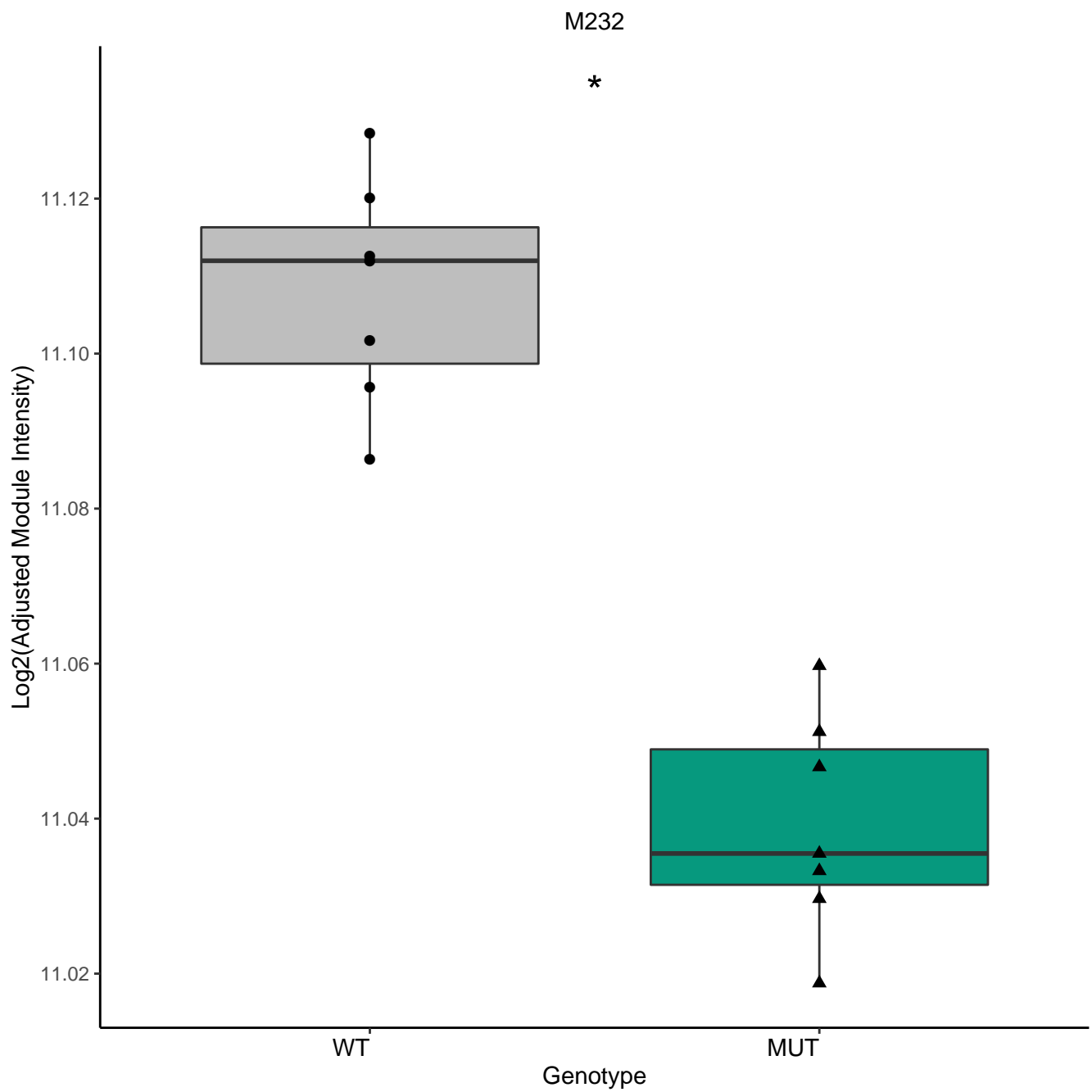


M230

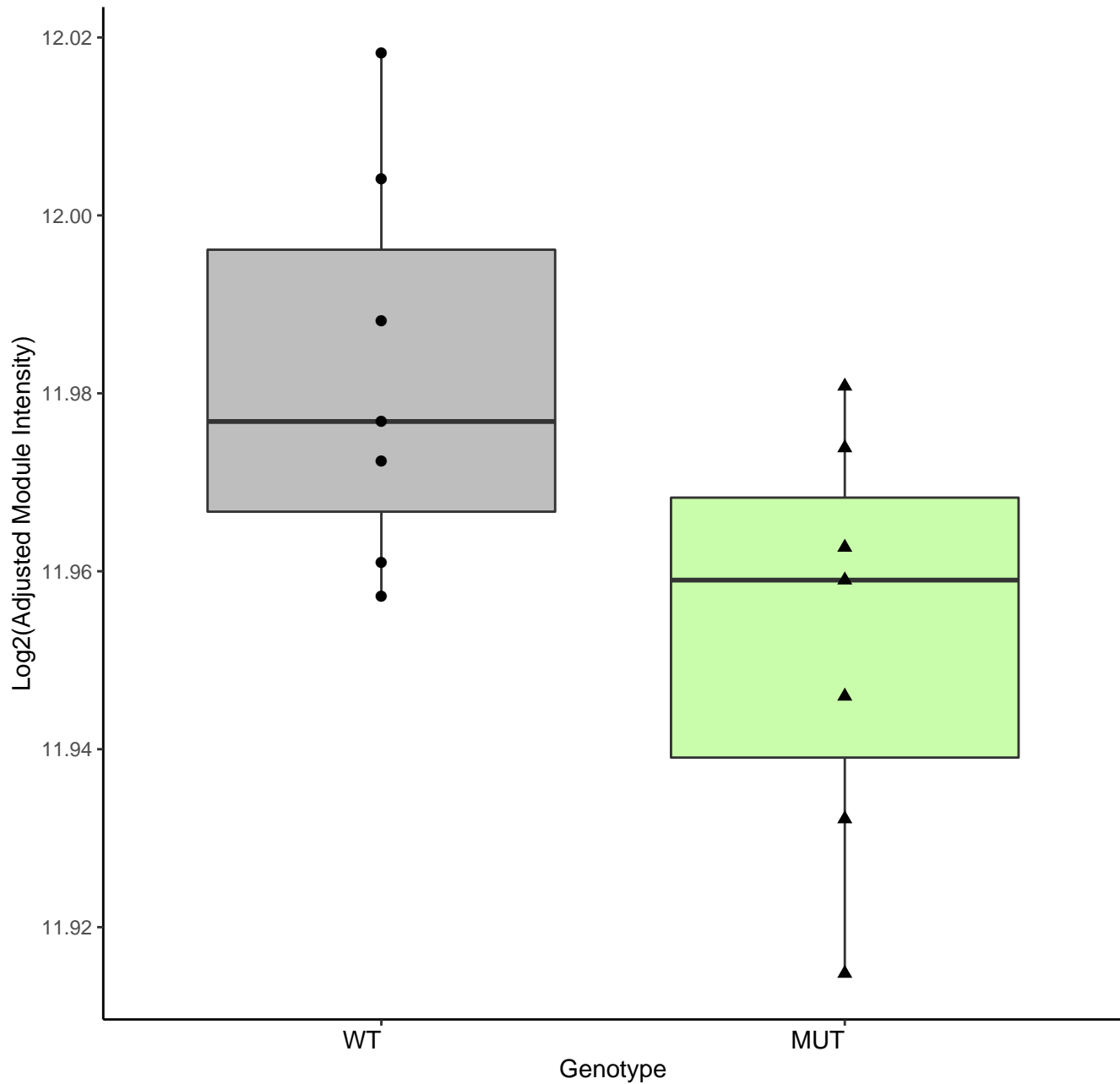


M231

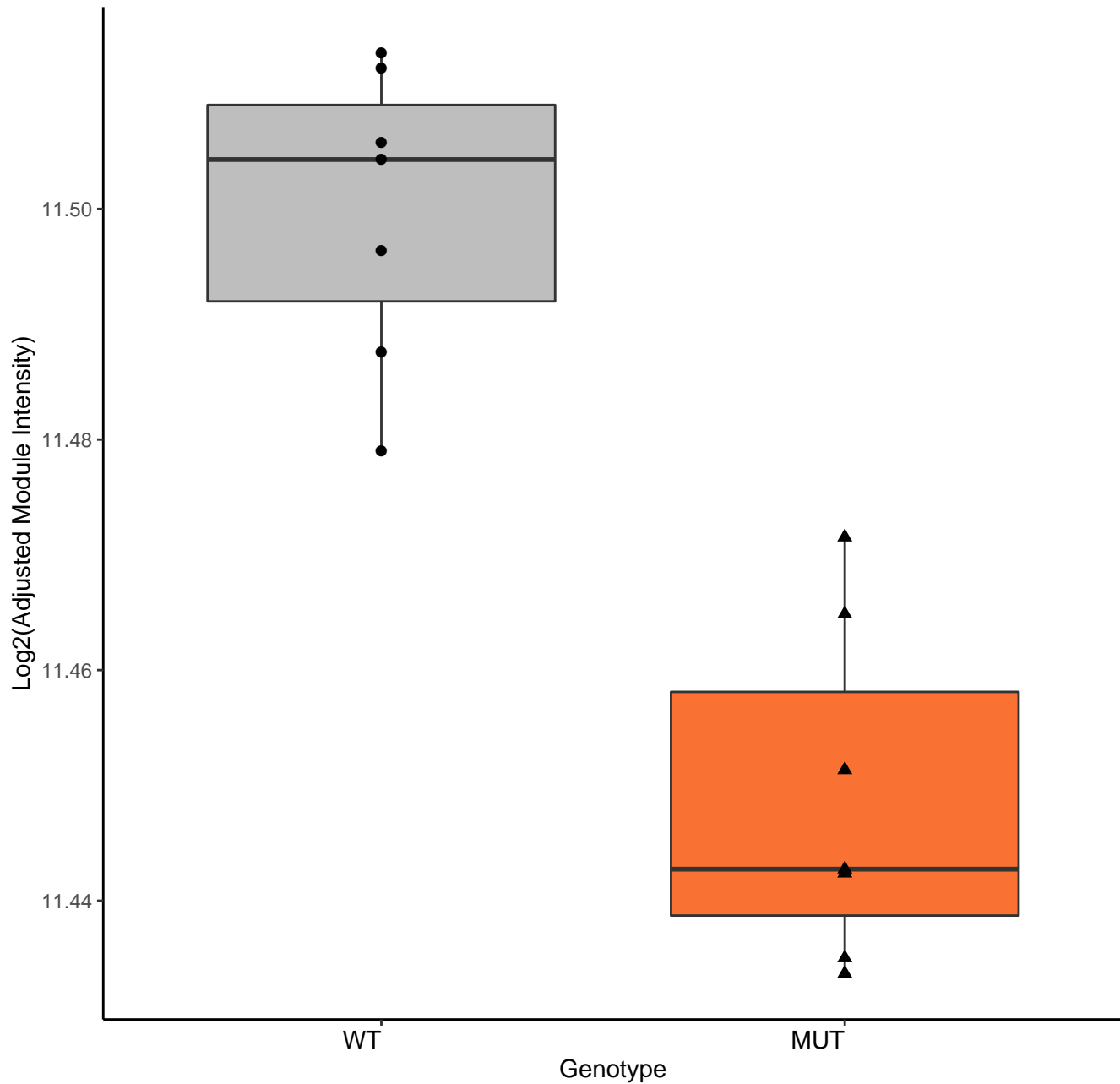


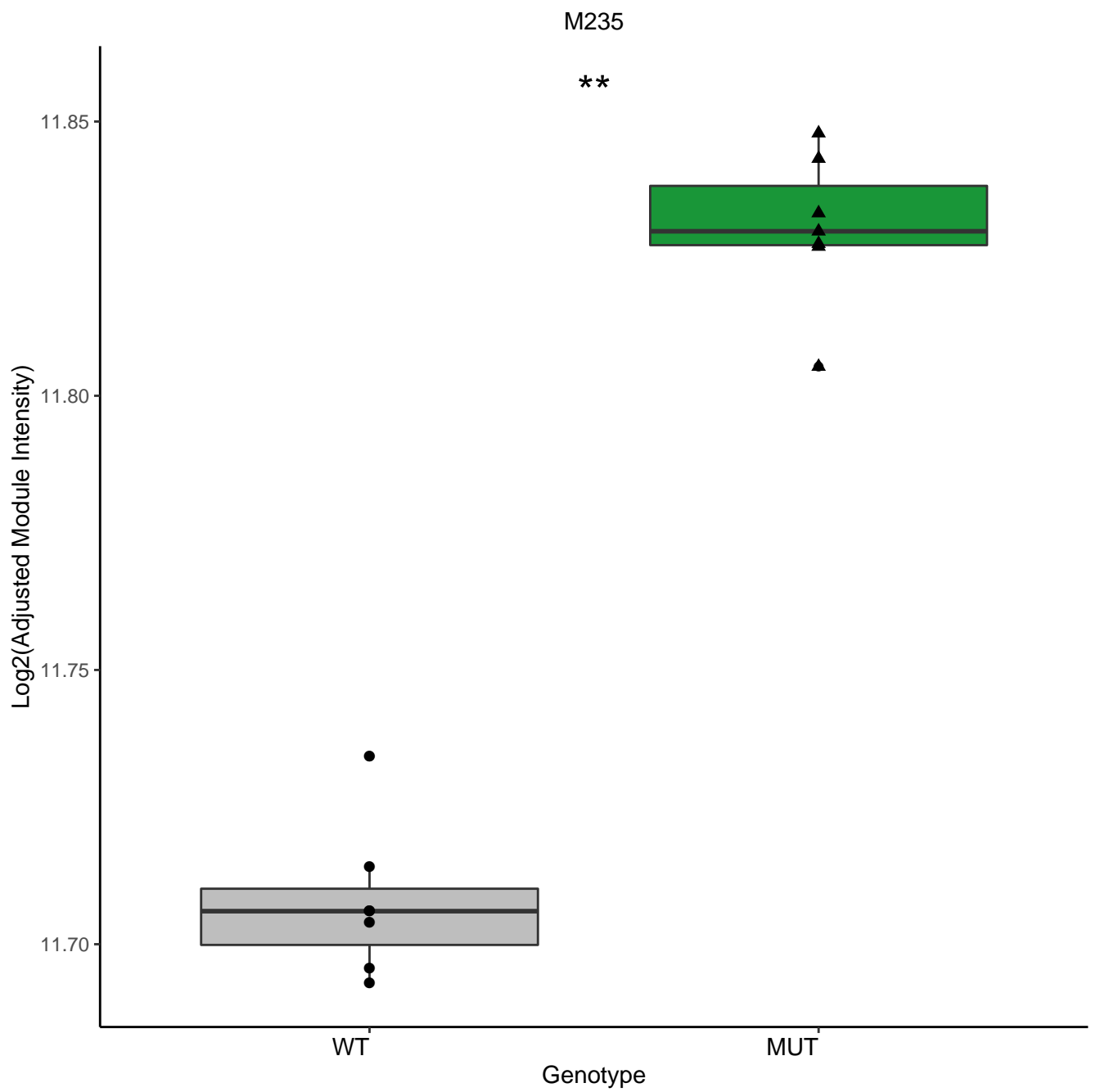


M233



M234





M236

Log2(Adjusted Module Intensity)

13.48

13.46

13.44

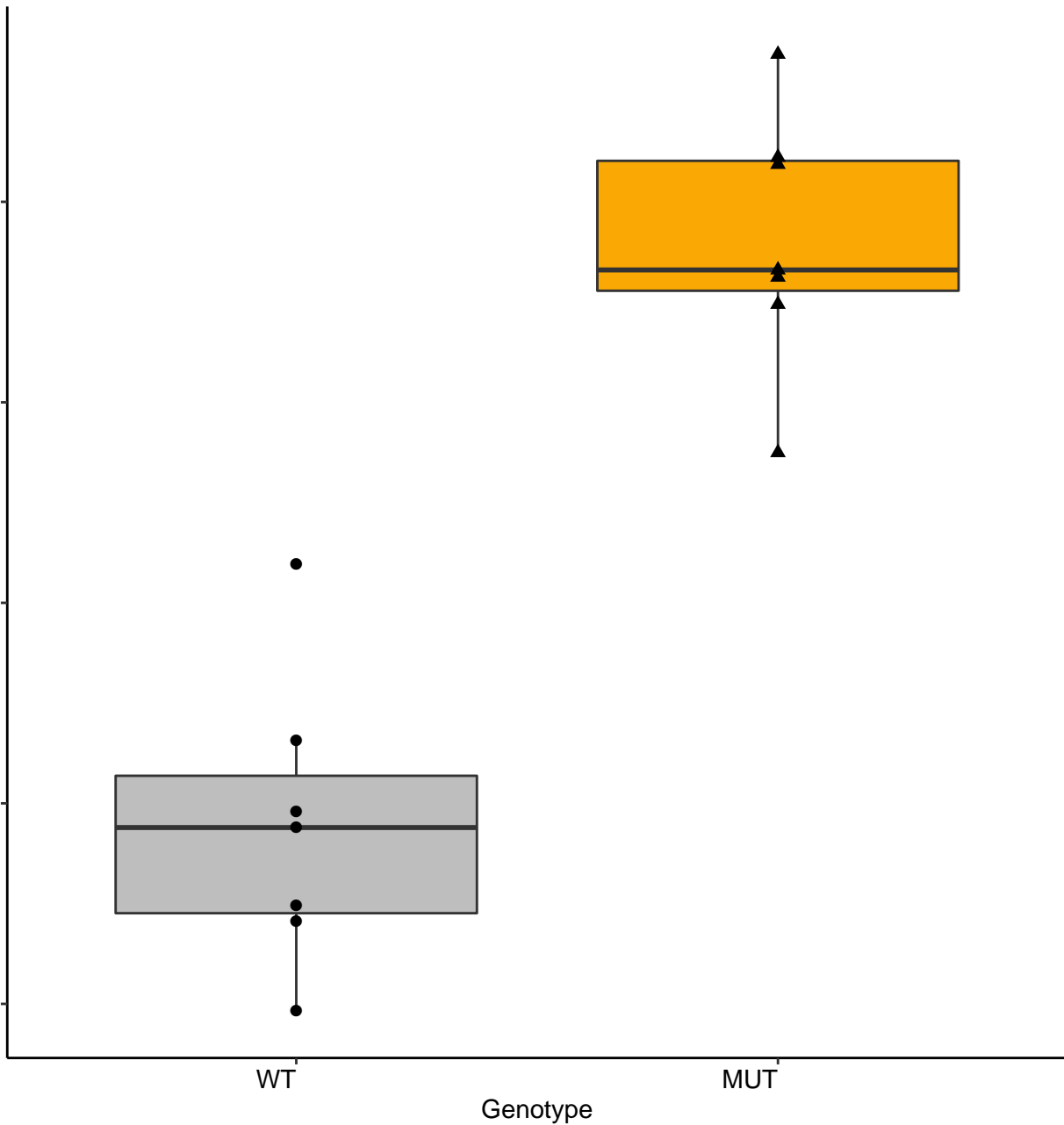
13.42

13.40

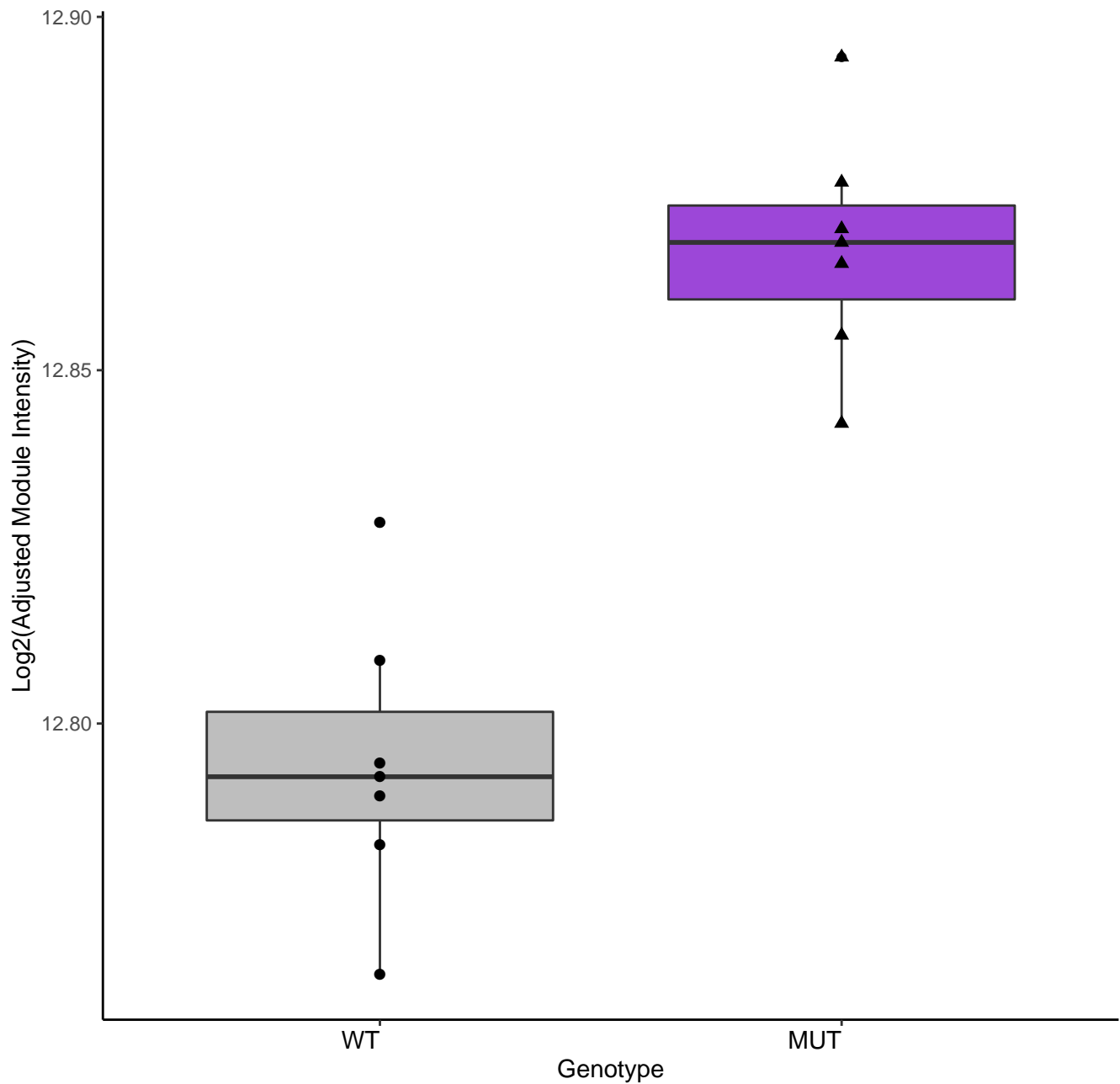
WT

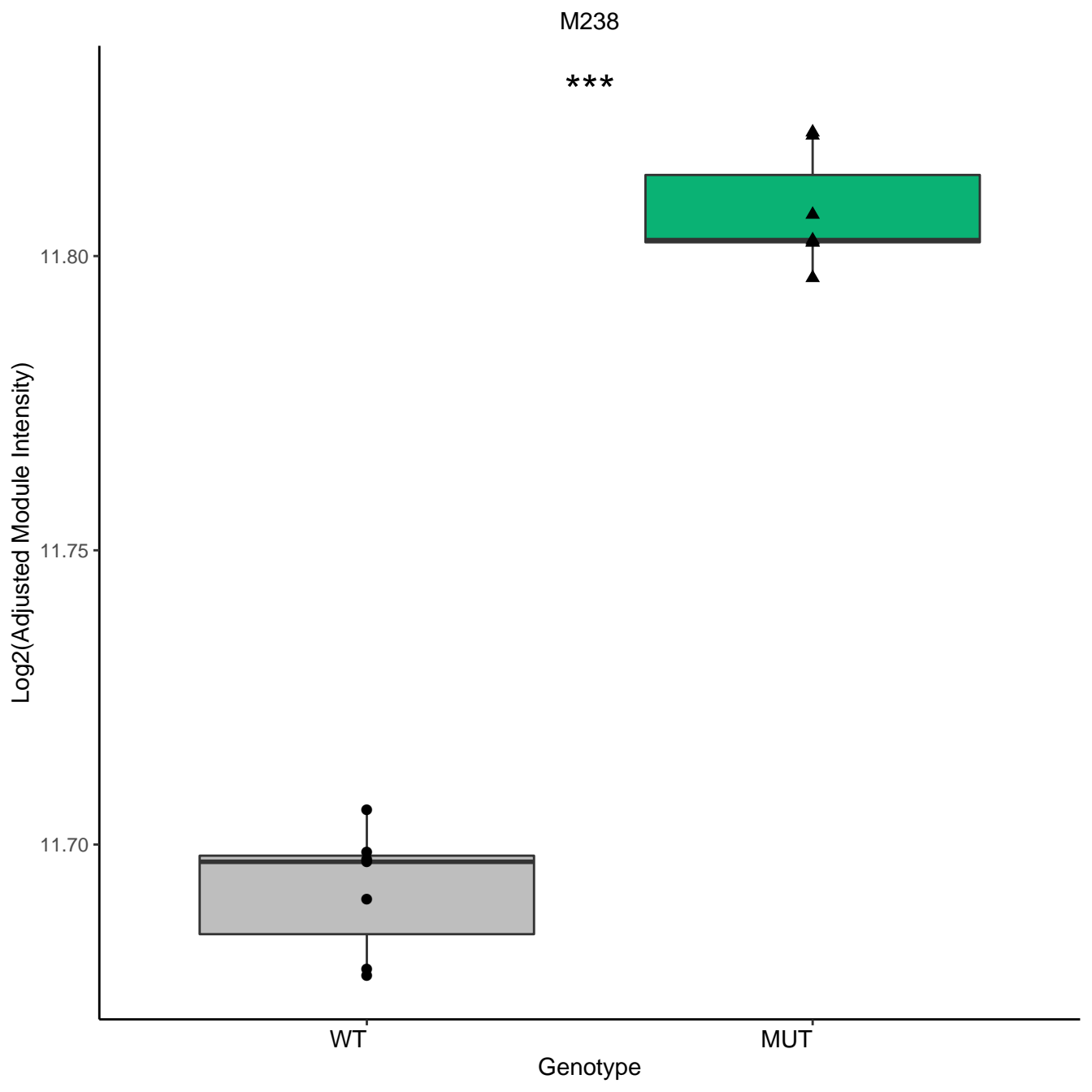
MUT

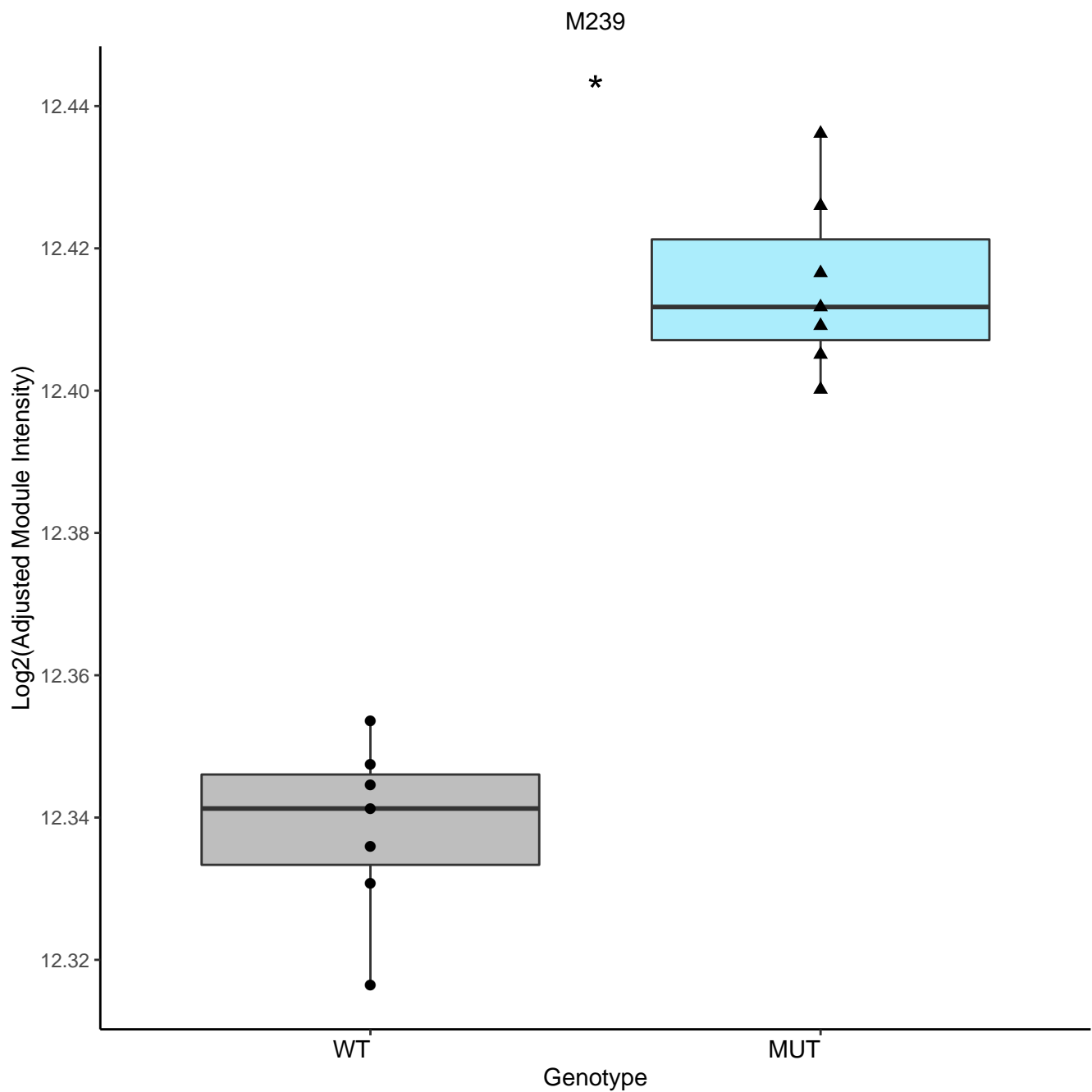
Genotype



M237







M240

Log2(Adjusted Module Intensity)

11.50

11.45

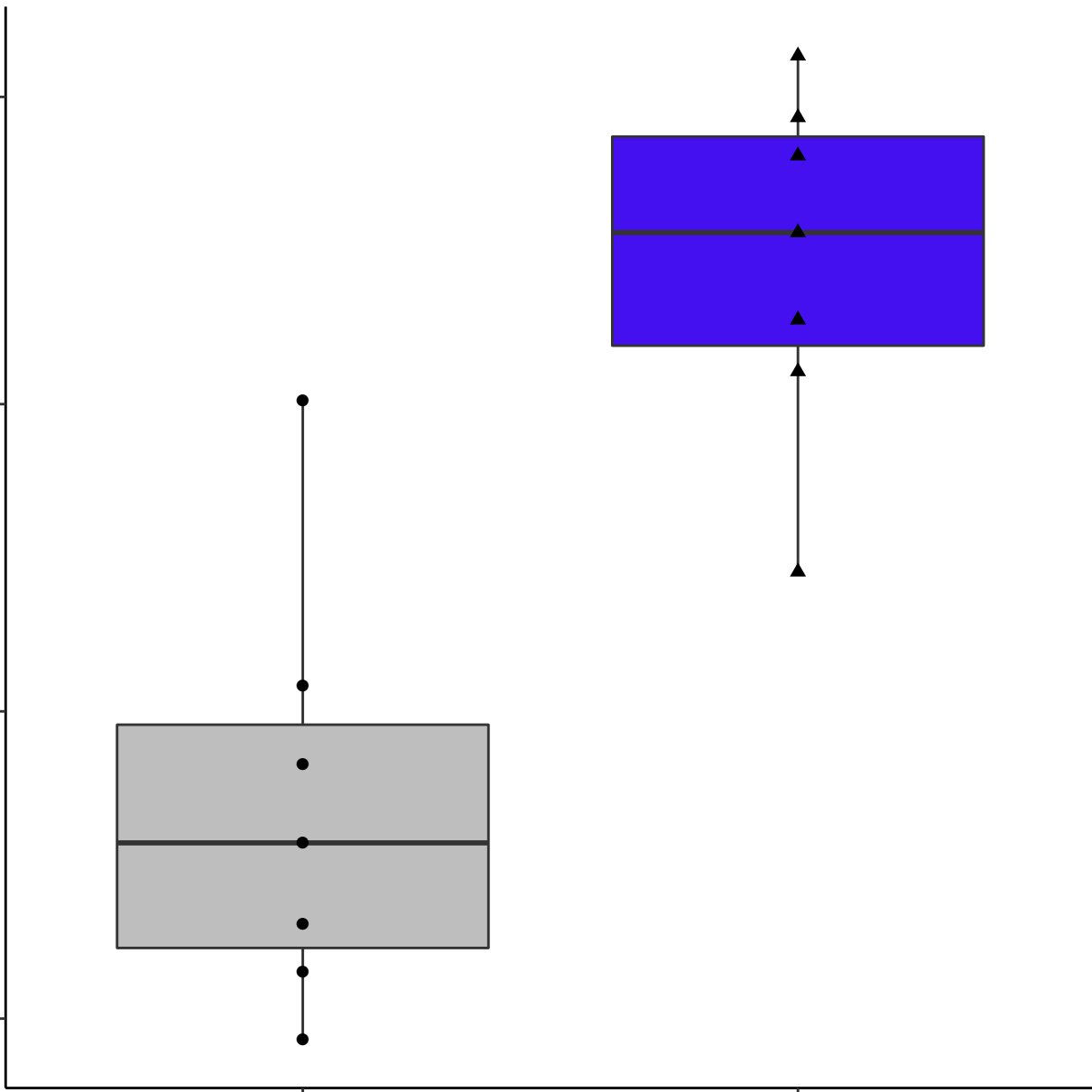
11.40

11.35

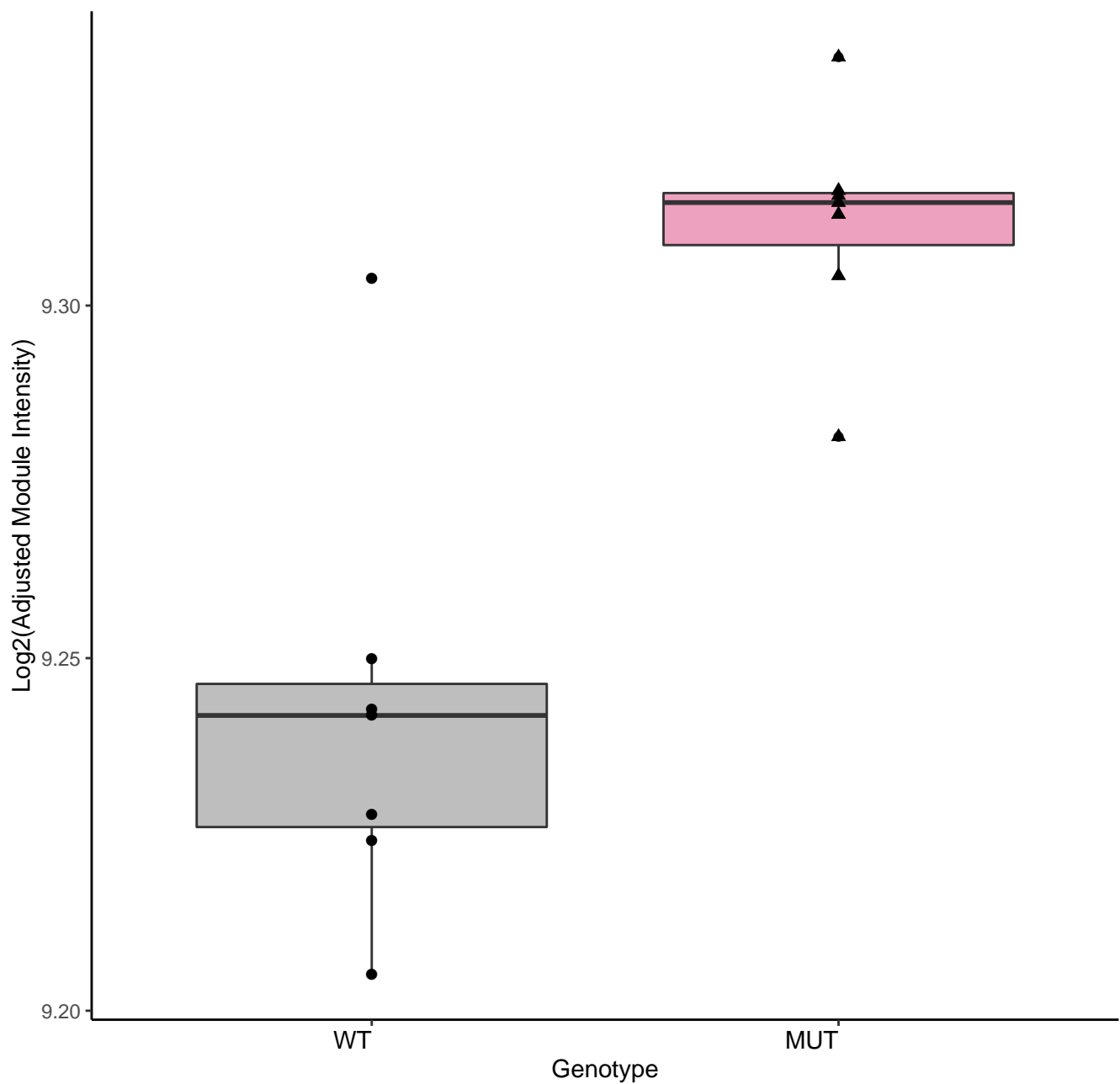
WT

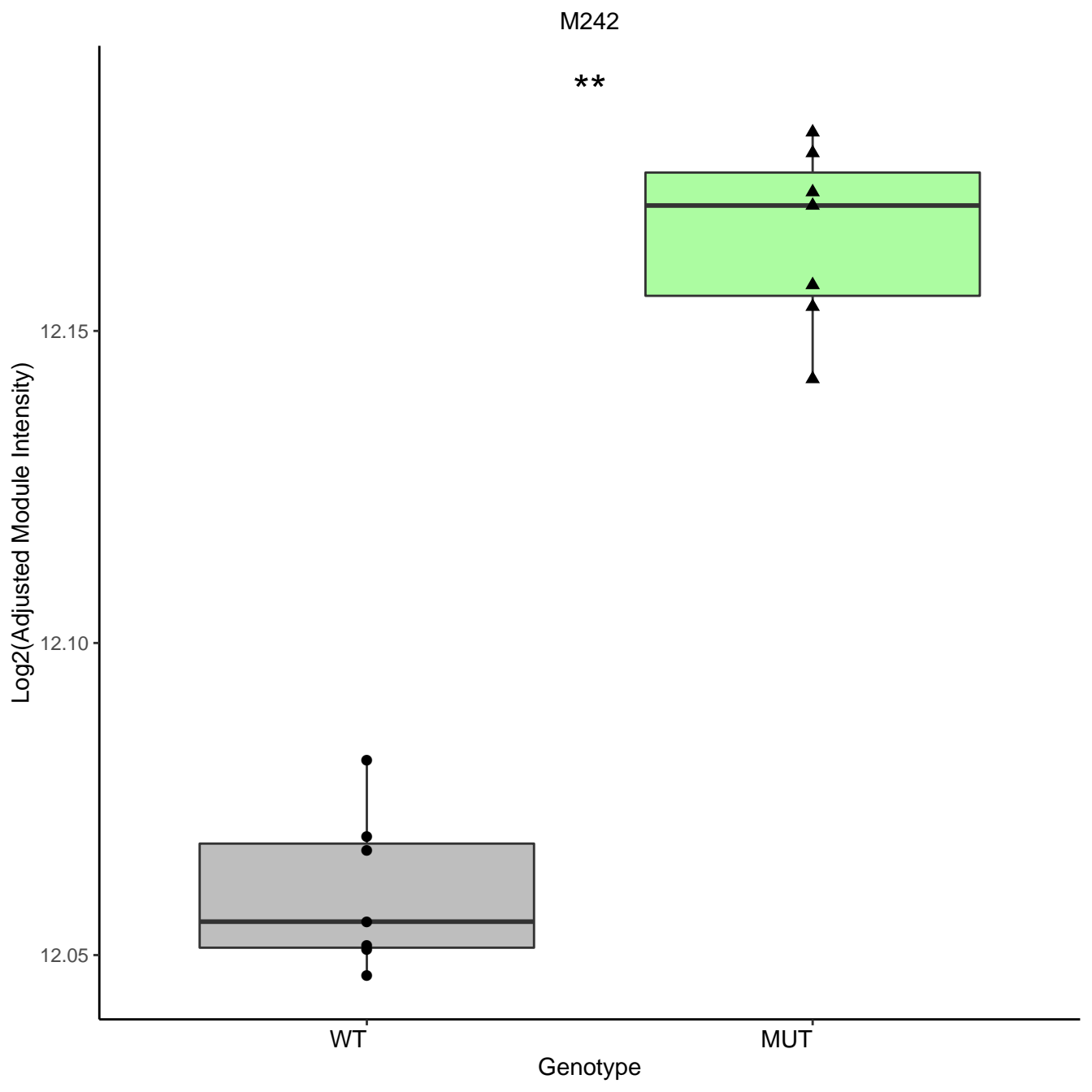
Genotype

MUT



M241





M243

Log2(Adjusted Module Intensity)

12.60

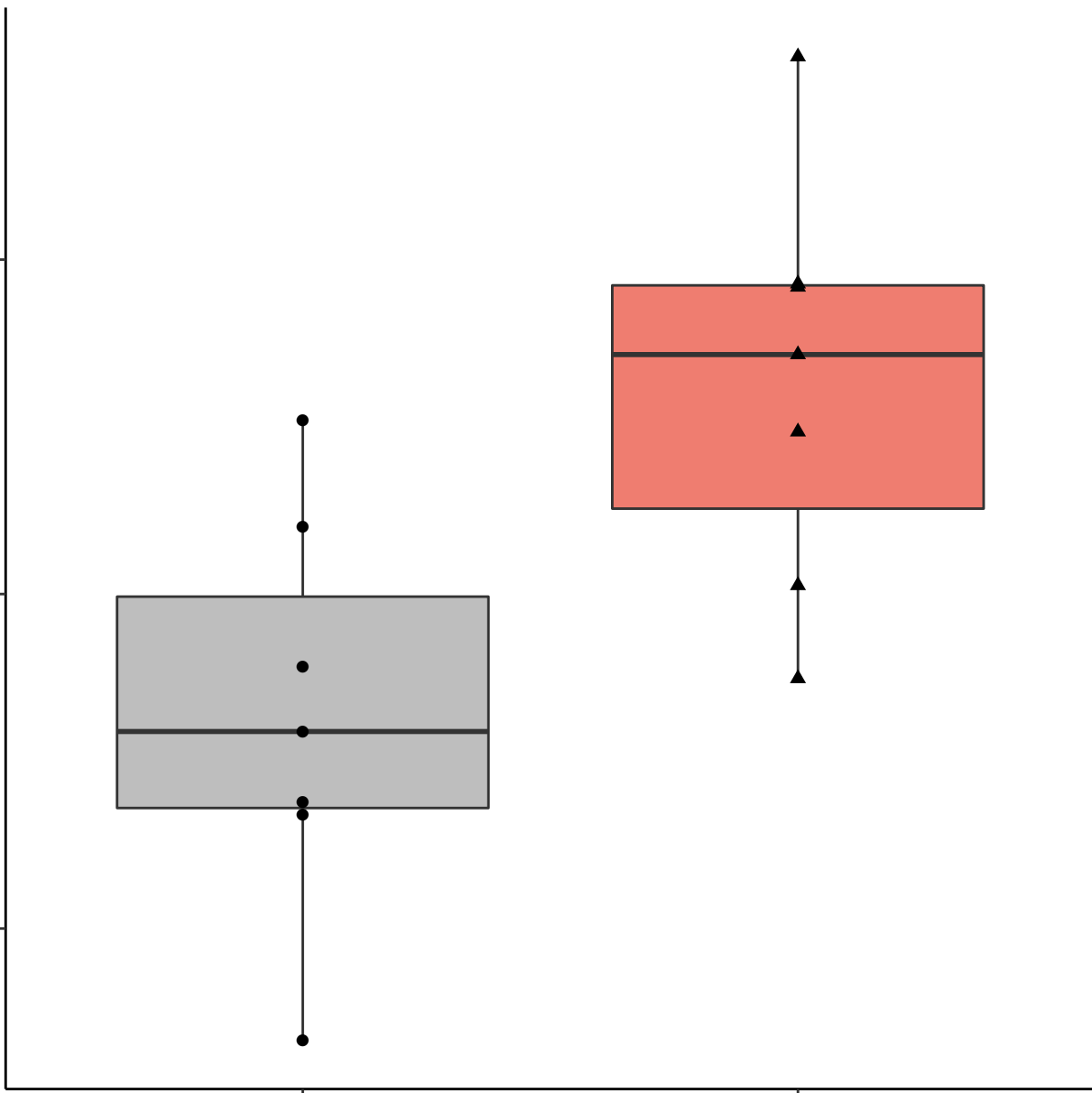
12.55

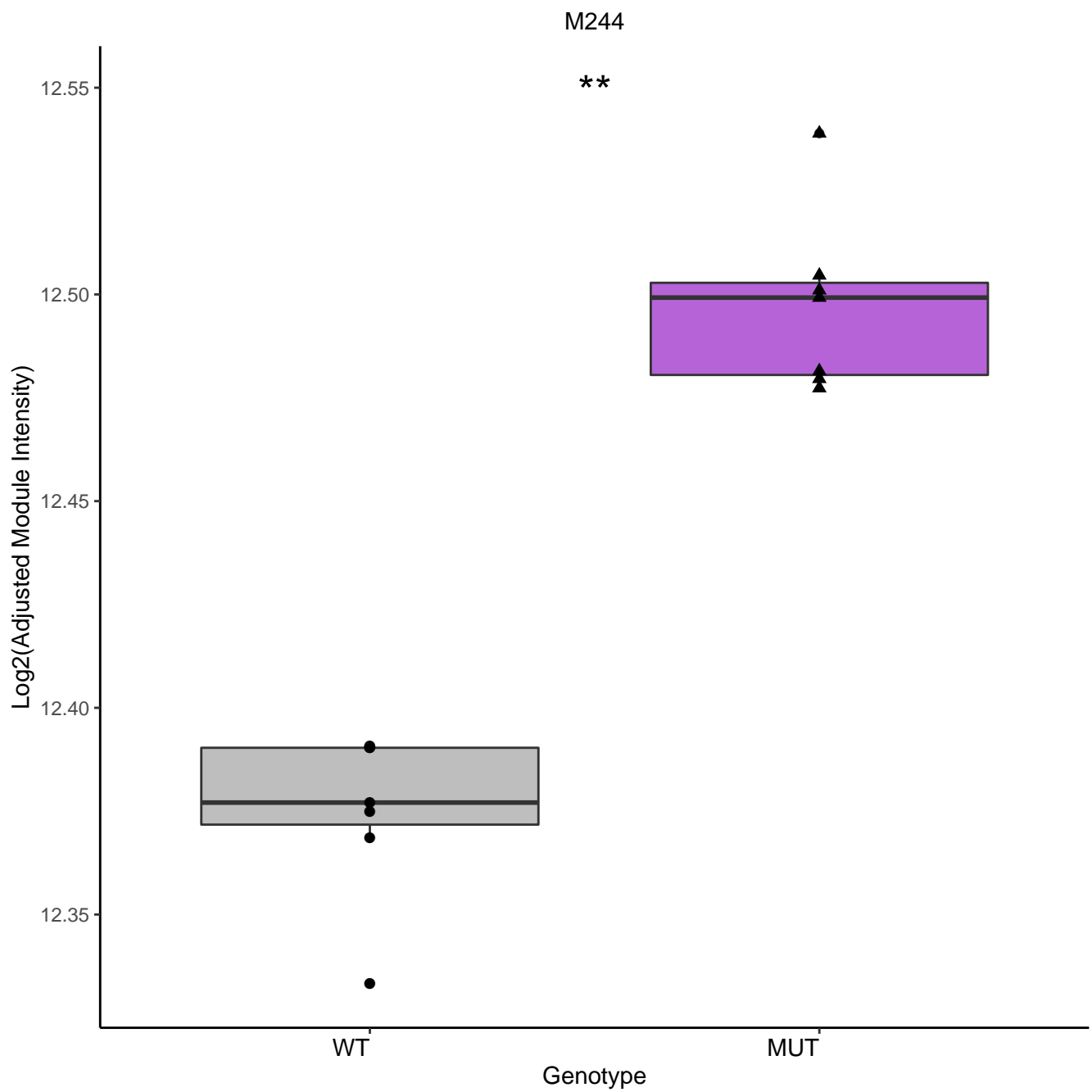
12.50

WT

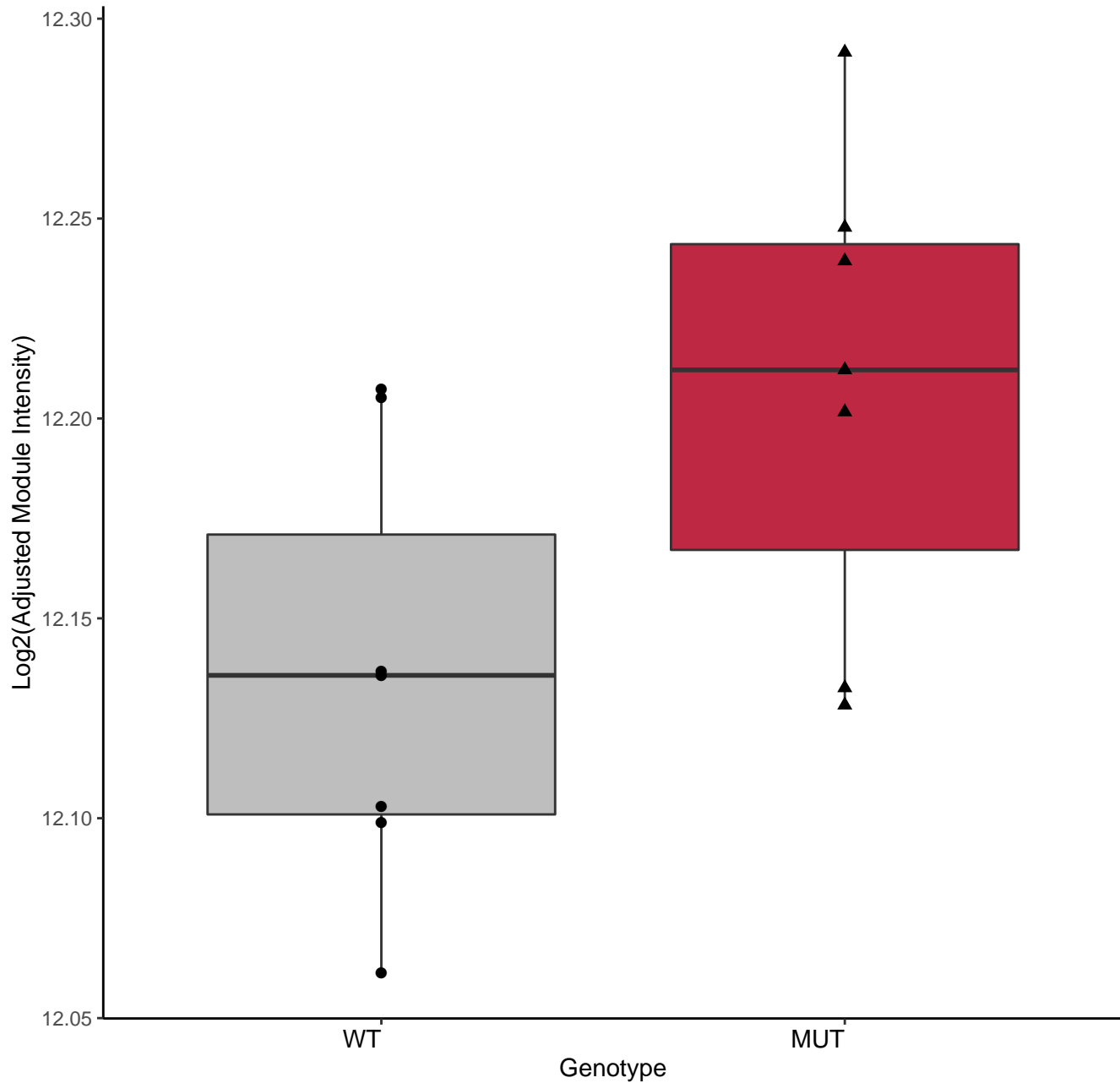
Genotype

MUT

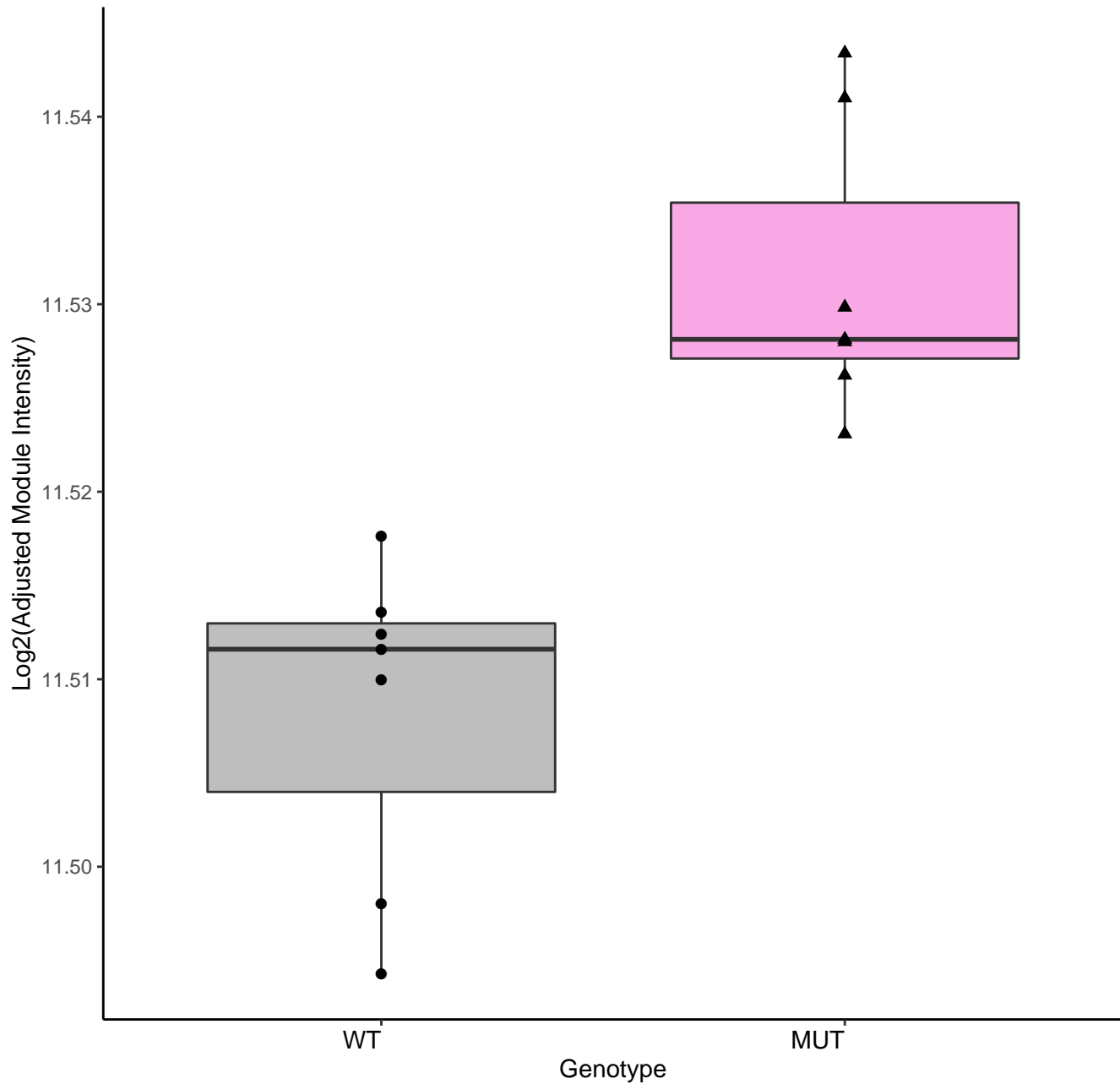




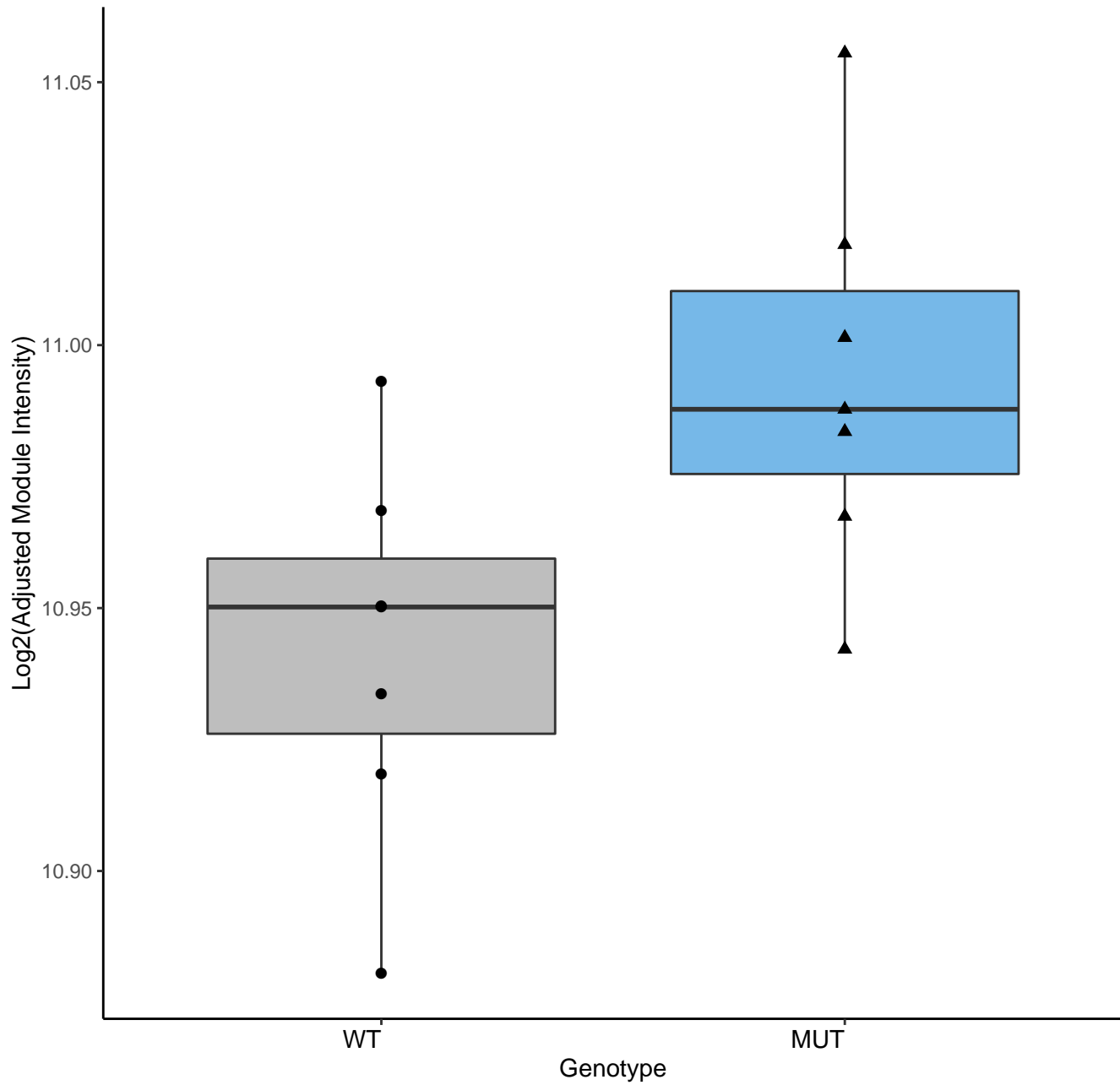
M245



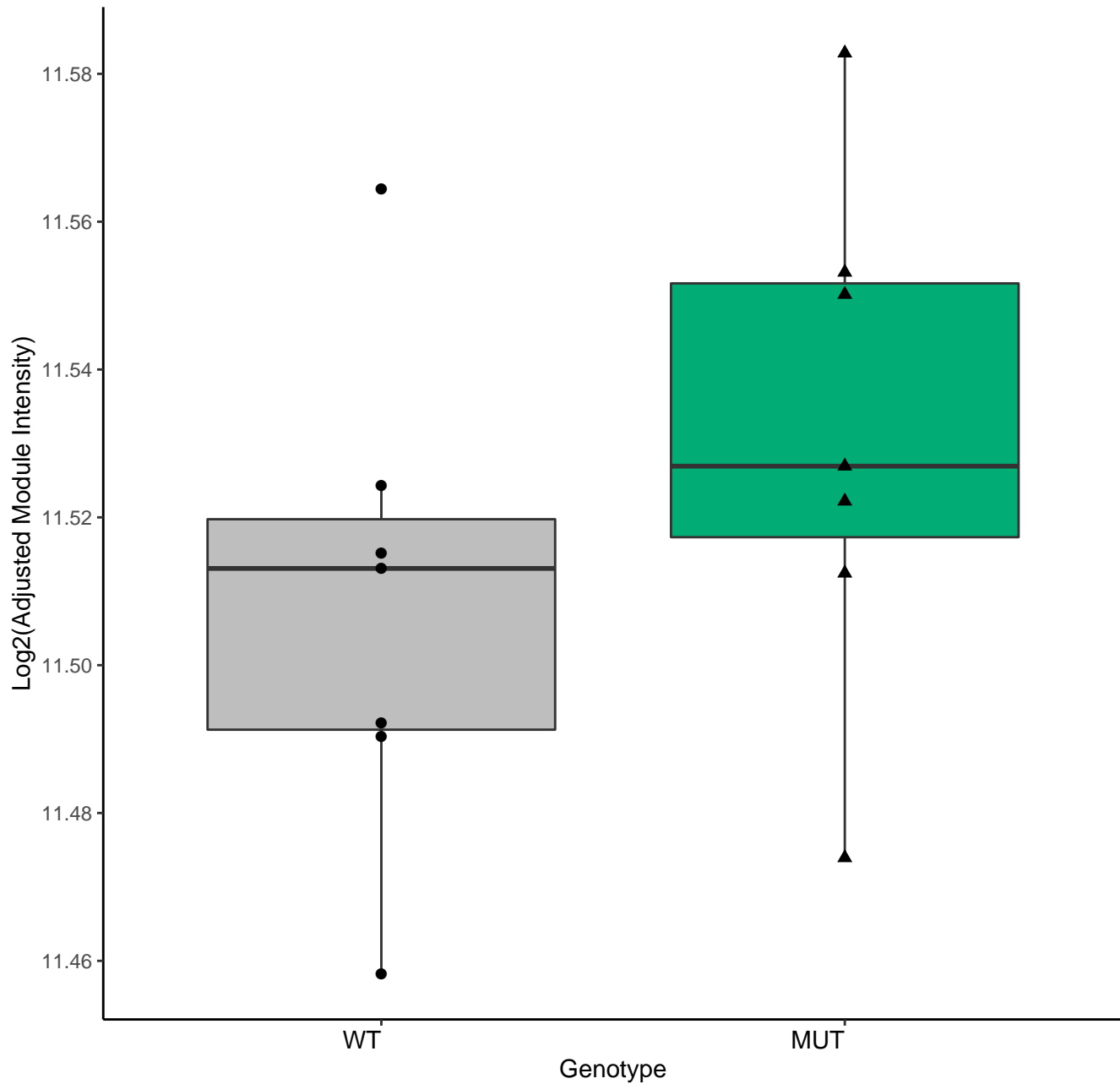
M246



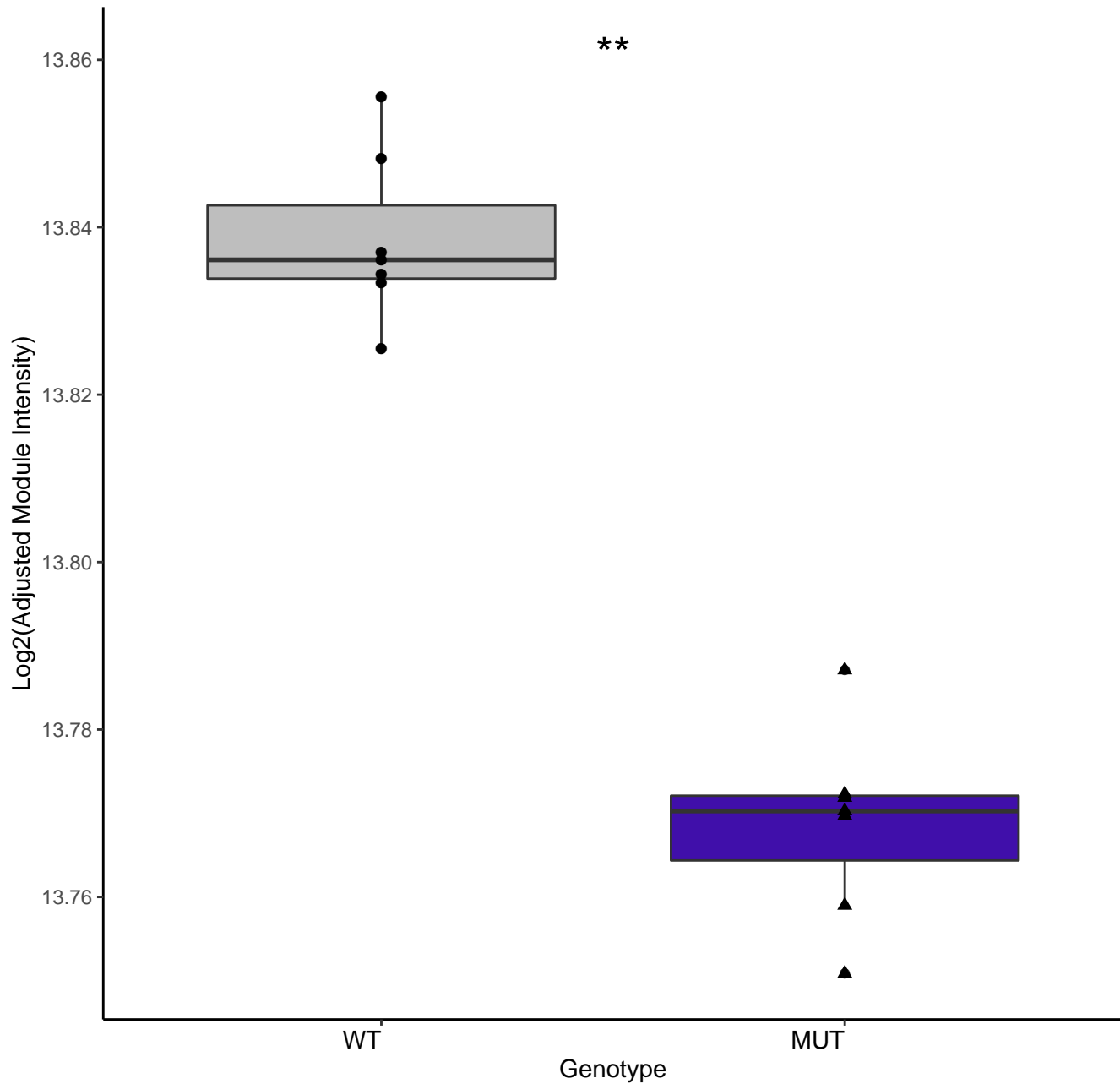
M247



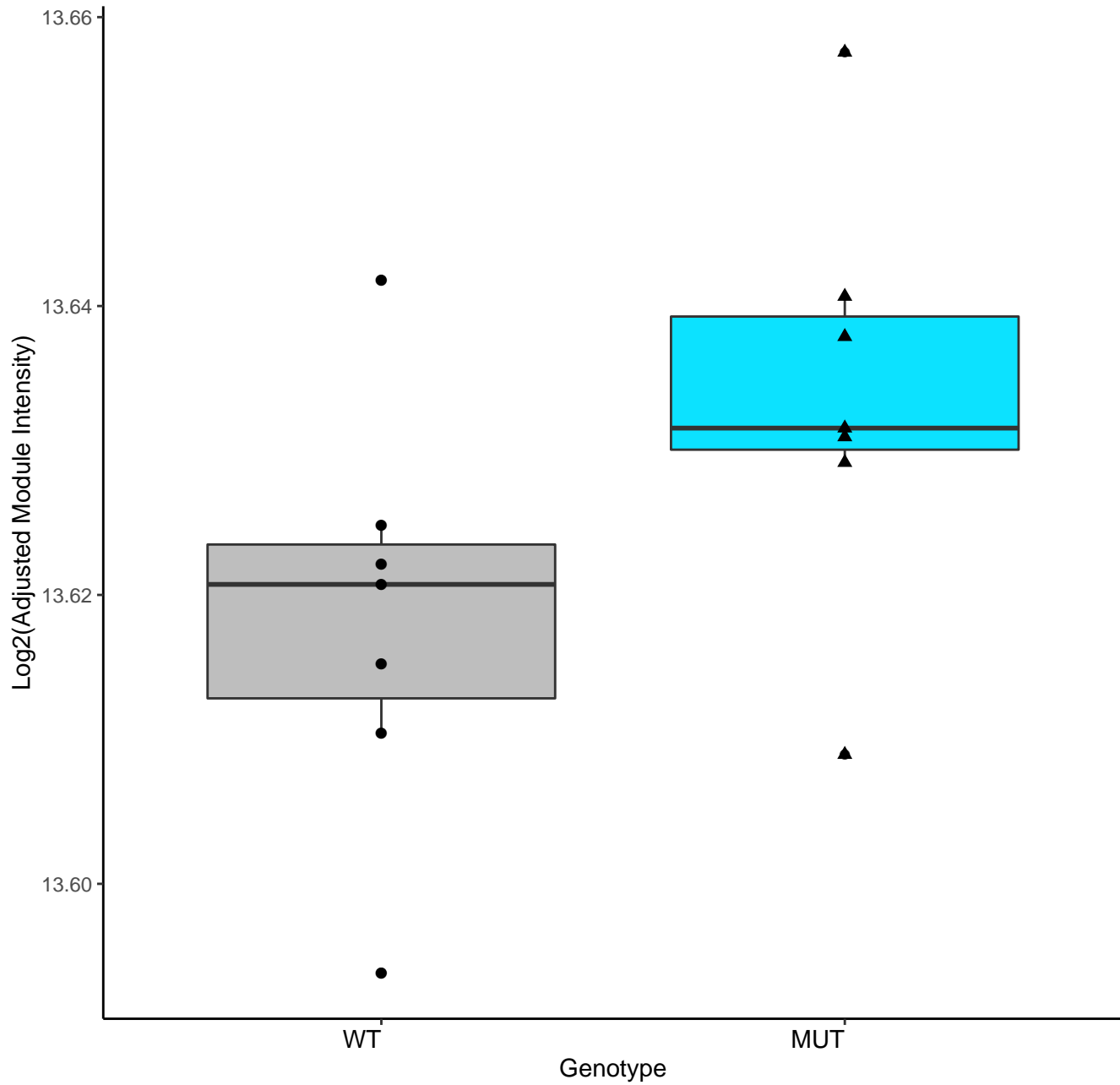
M248



M249



M250



M251

Log2(Adjusted Module Intensity)

11.15

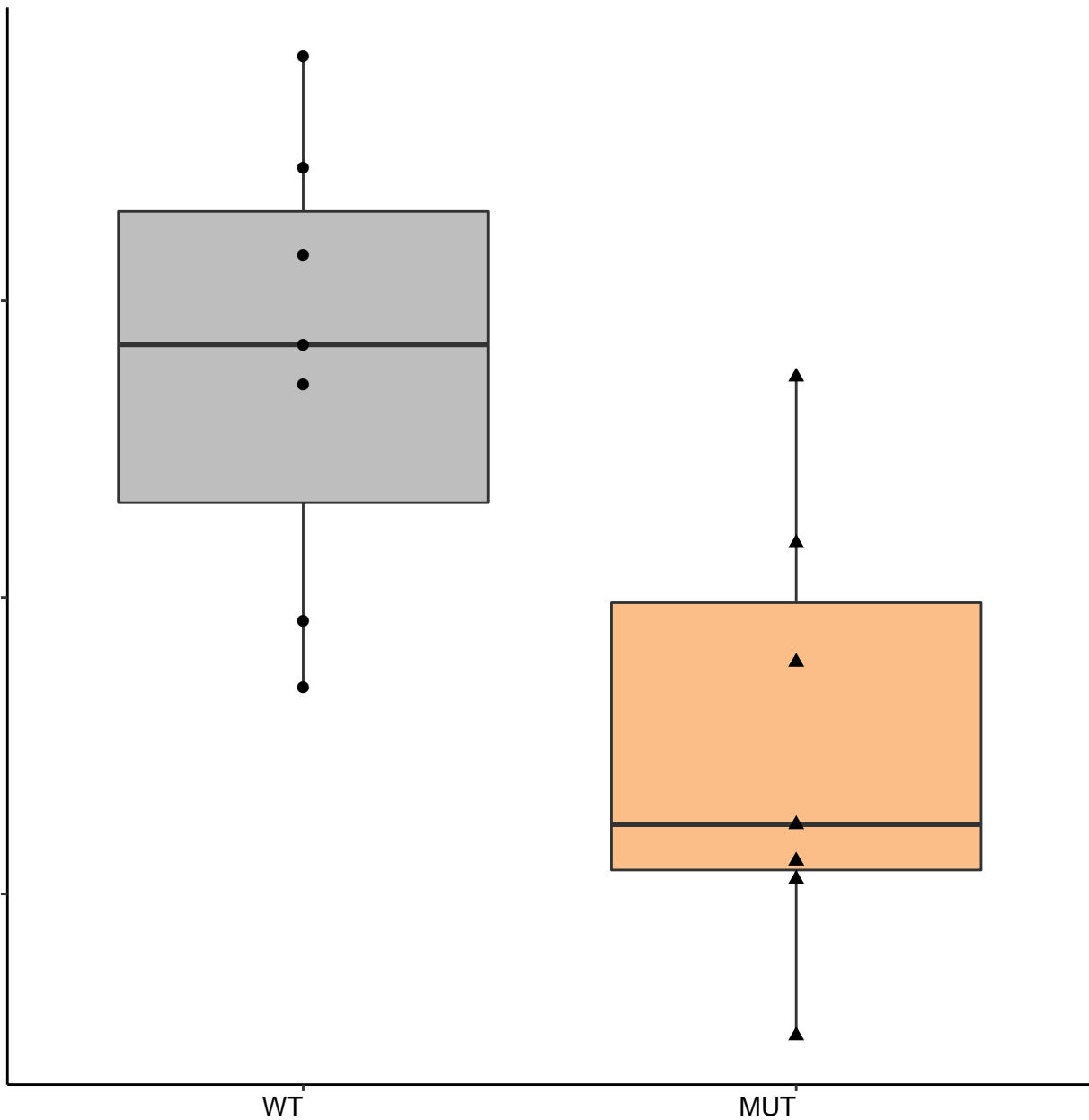
11.10

11.05

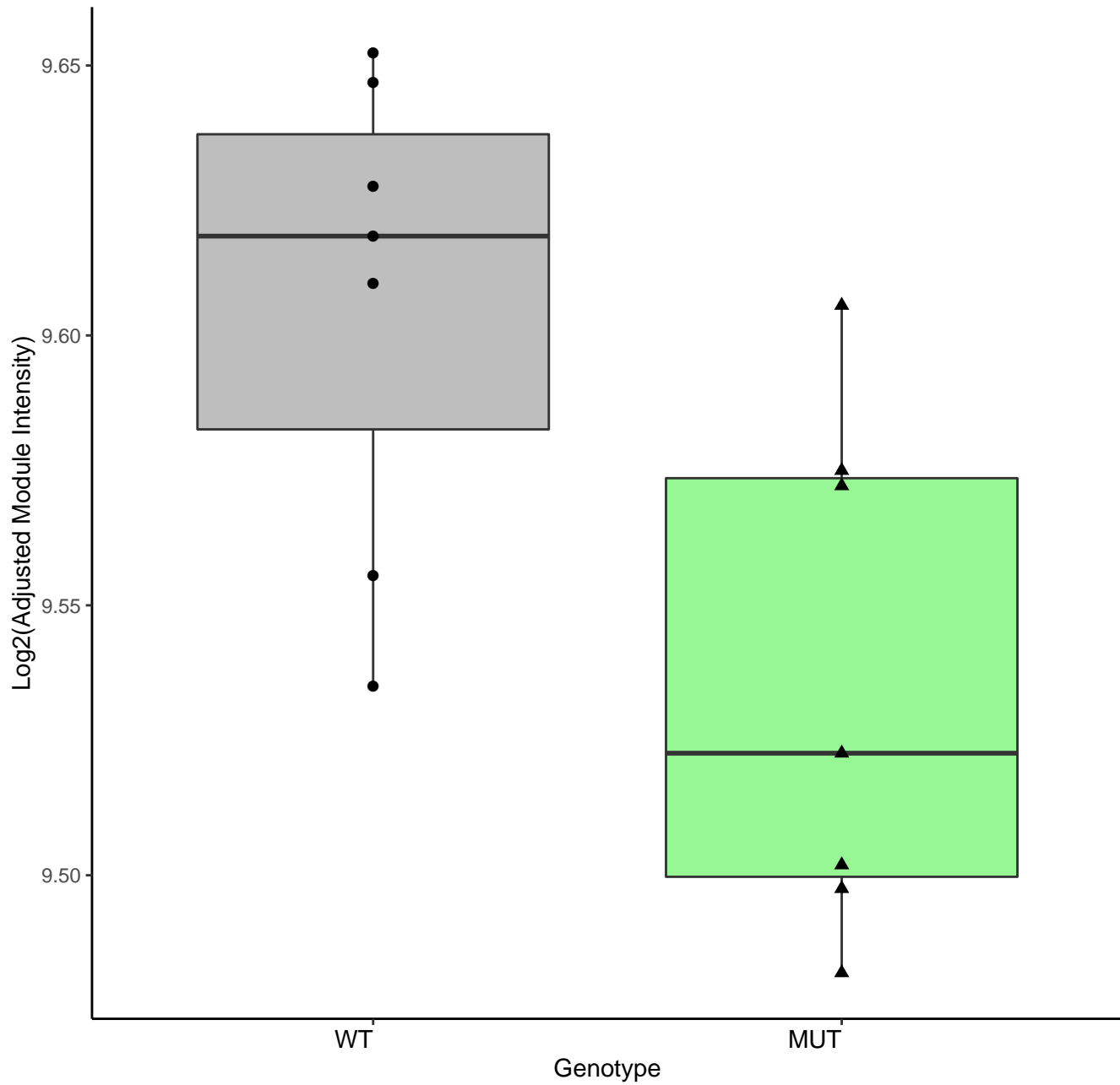
WT

Genotype

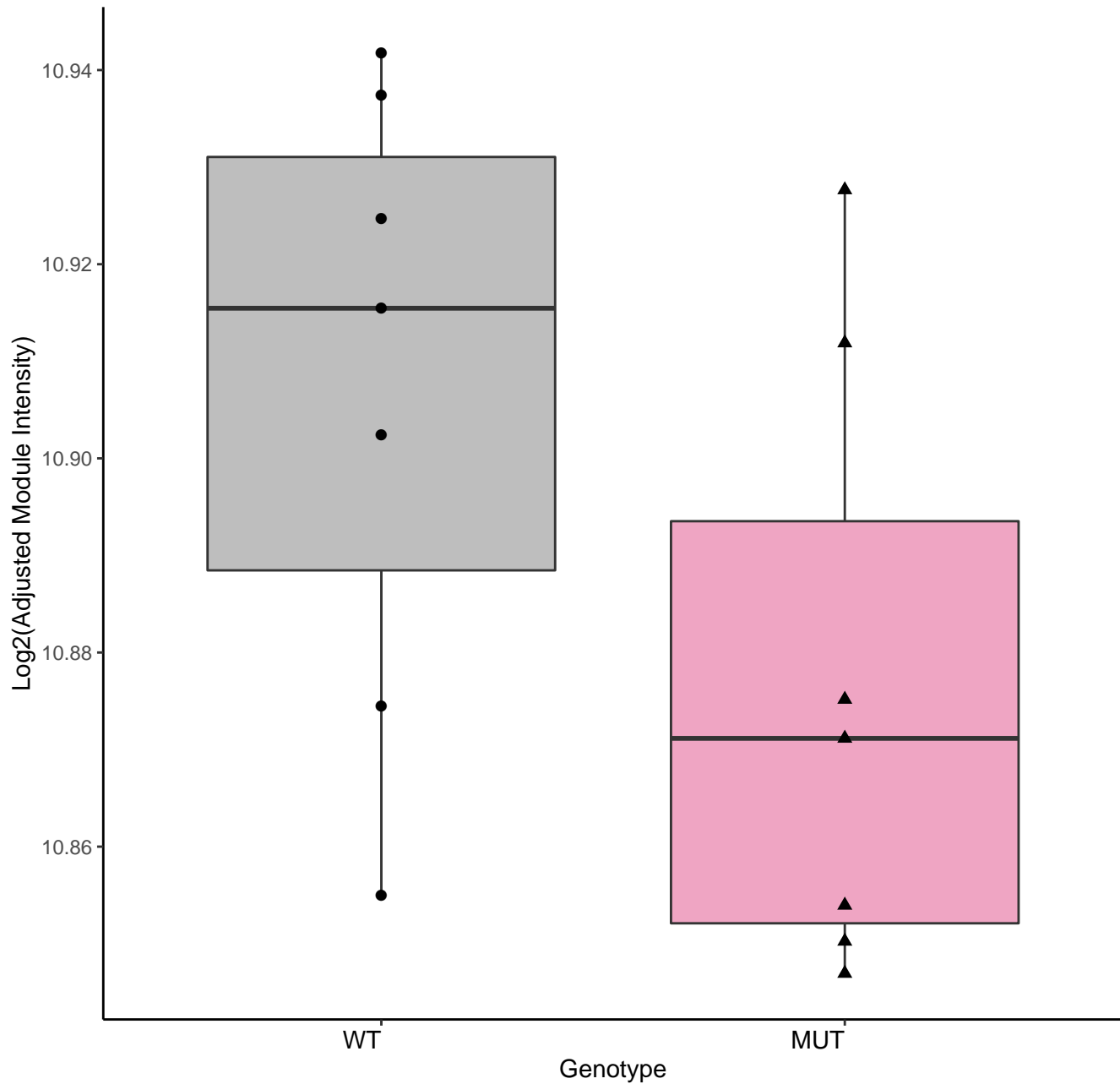
MUT



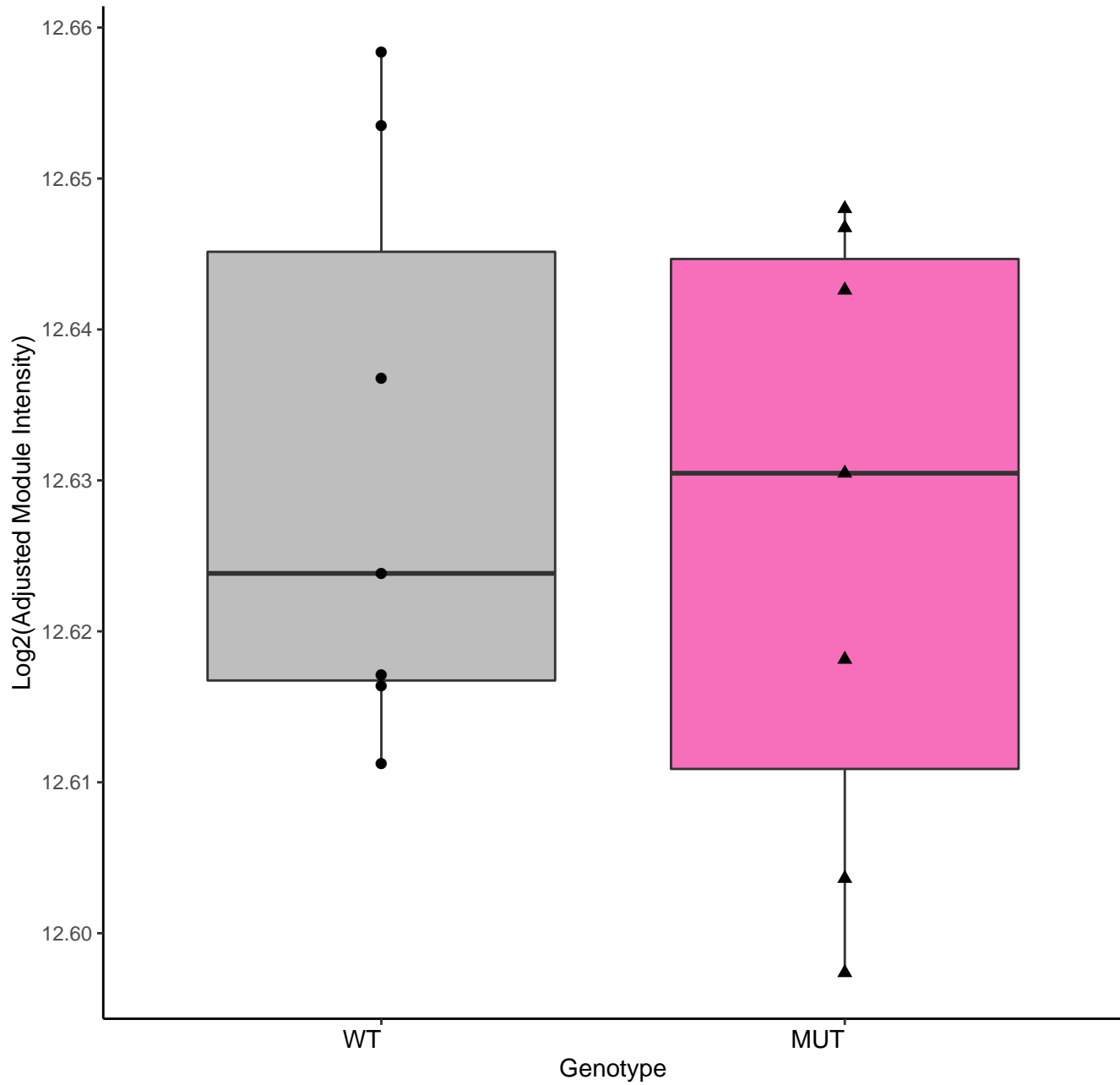
M252



M253



M254



M255

