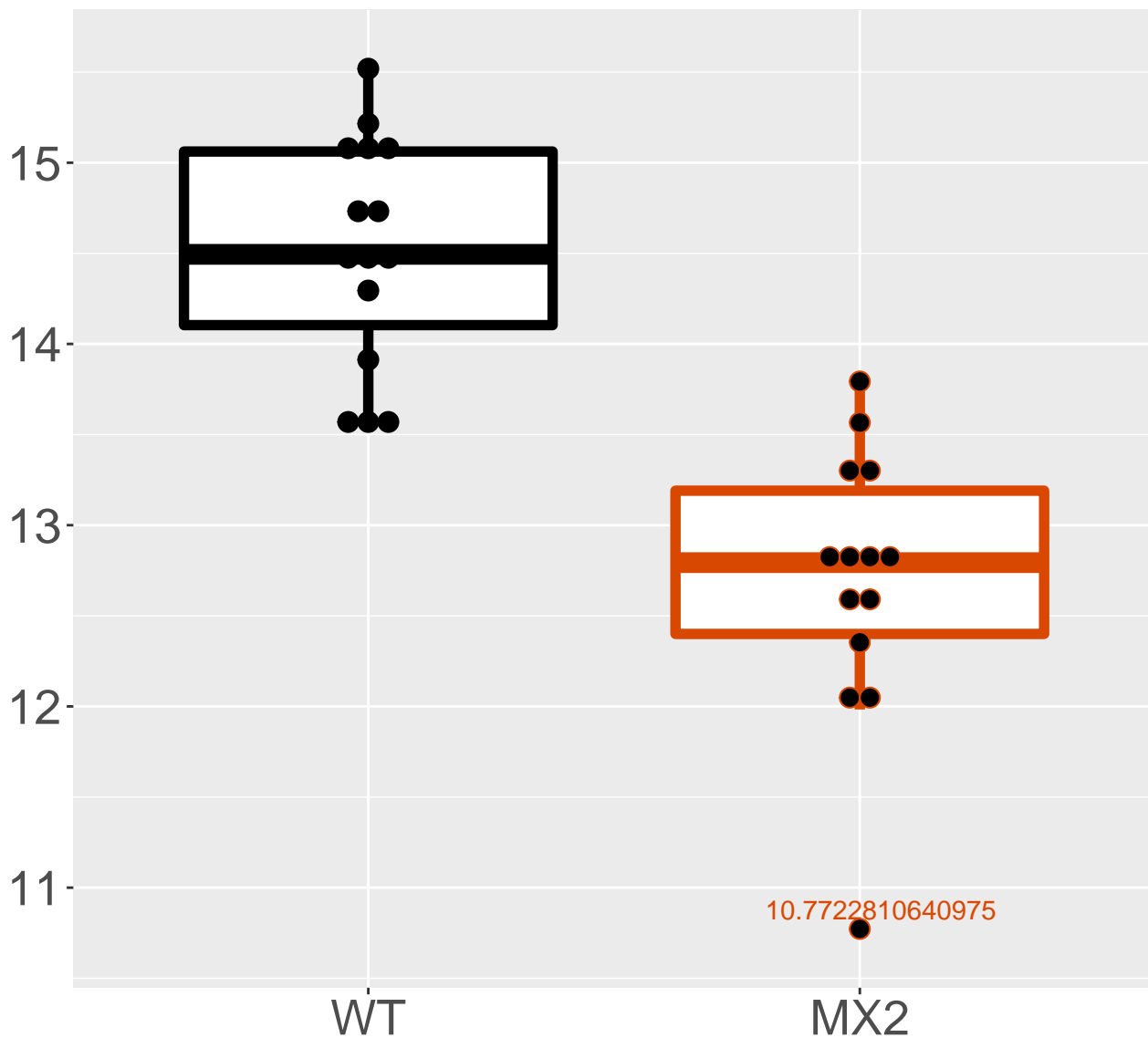**M340.1039T5.35**
FDR = 7e−05, FC = 12
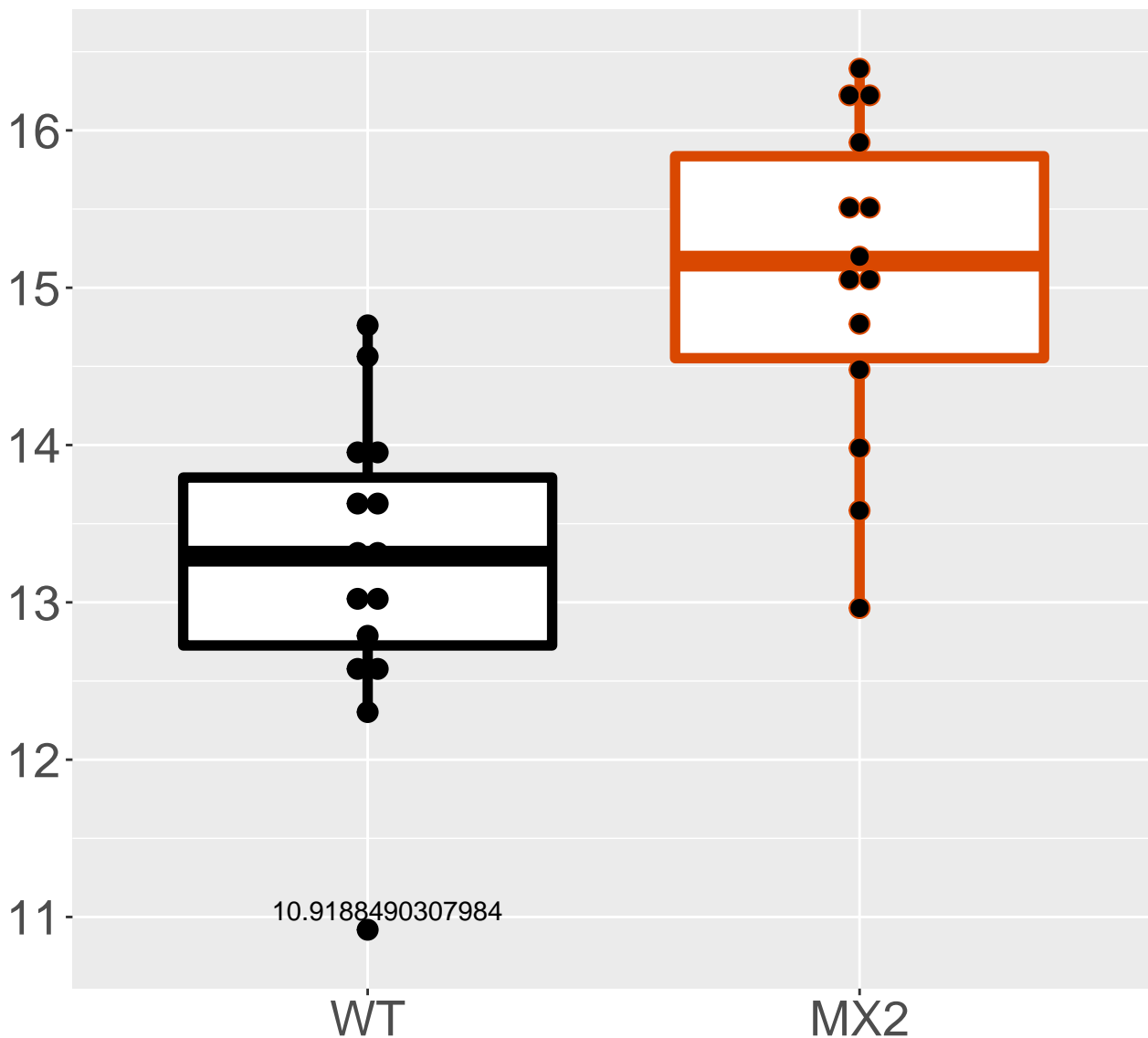
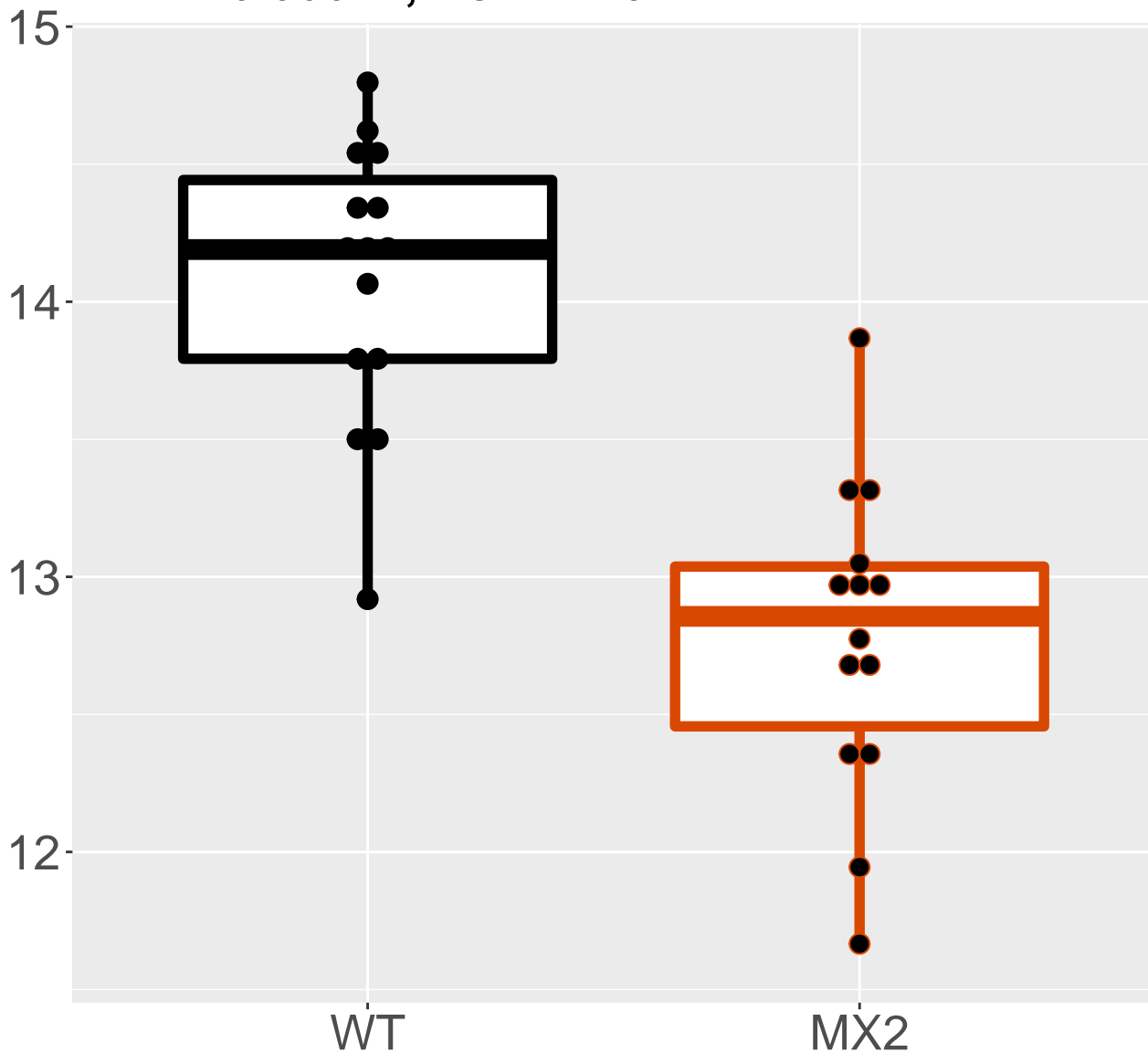14.7244153540226
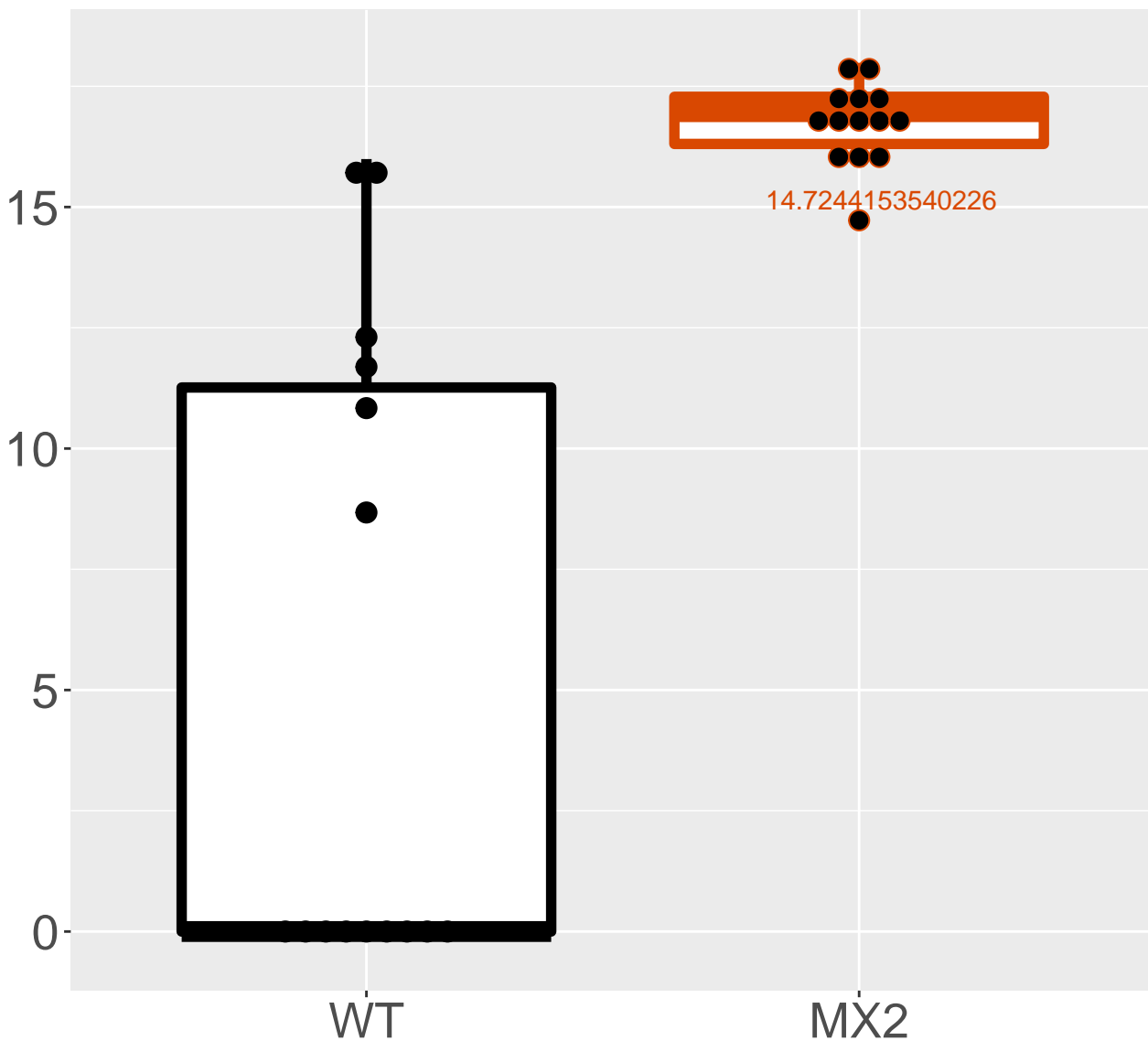
M783.8575T5.7
FDR = 7e−05, FC = −1.8
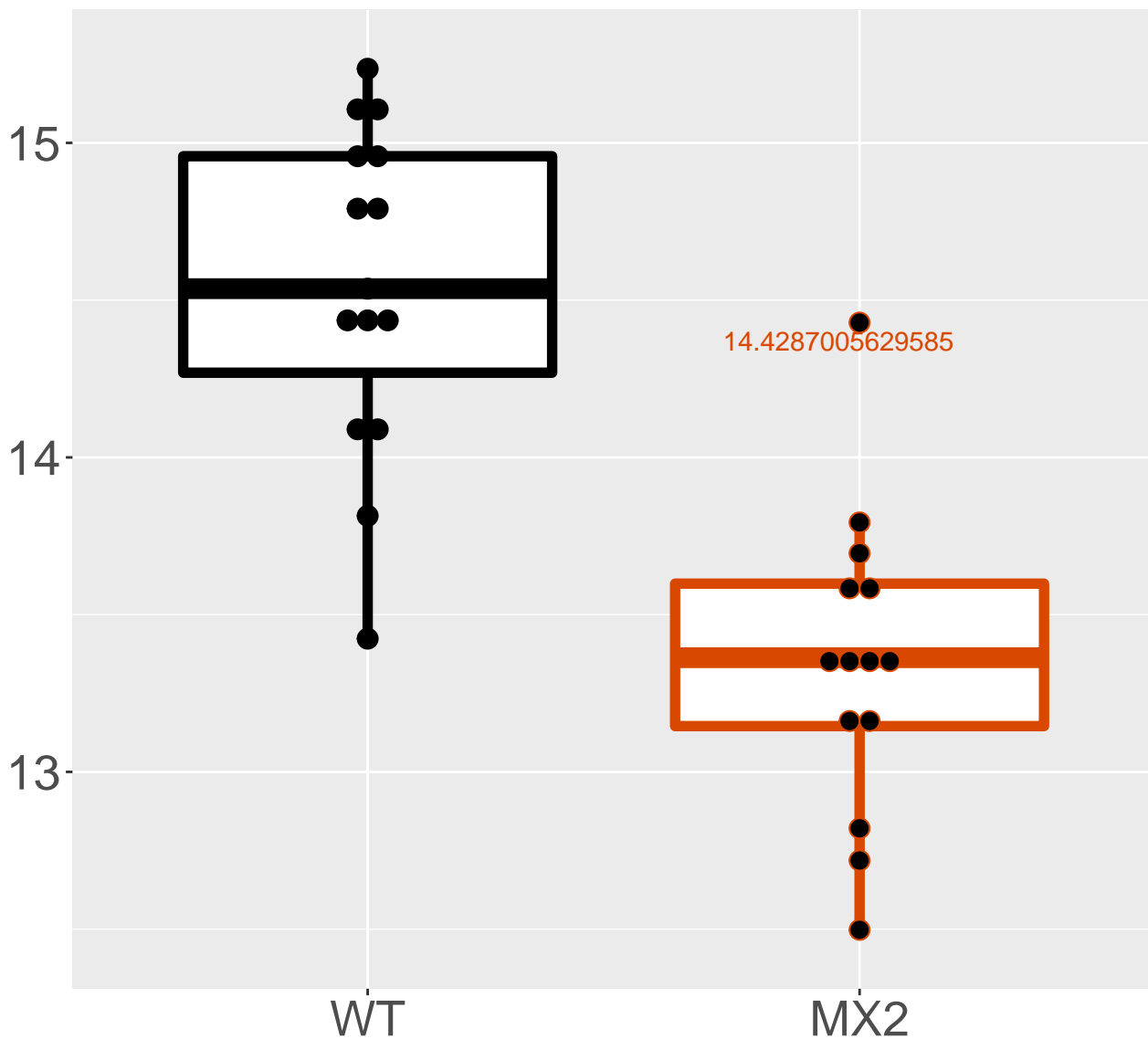
M257.0753T0.85
FDR = 0.00021, FC = 1.8, sex****
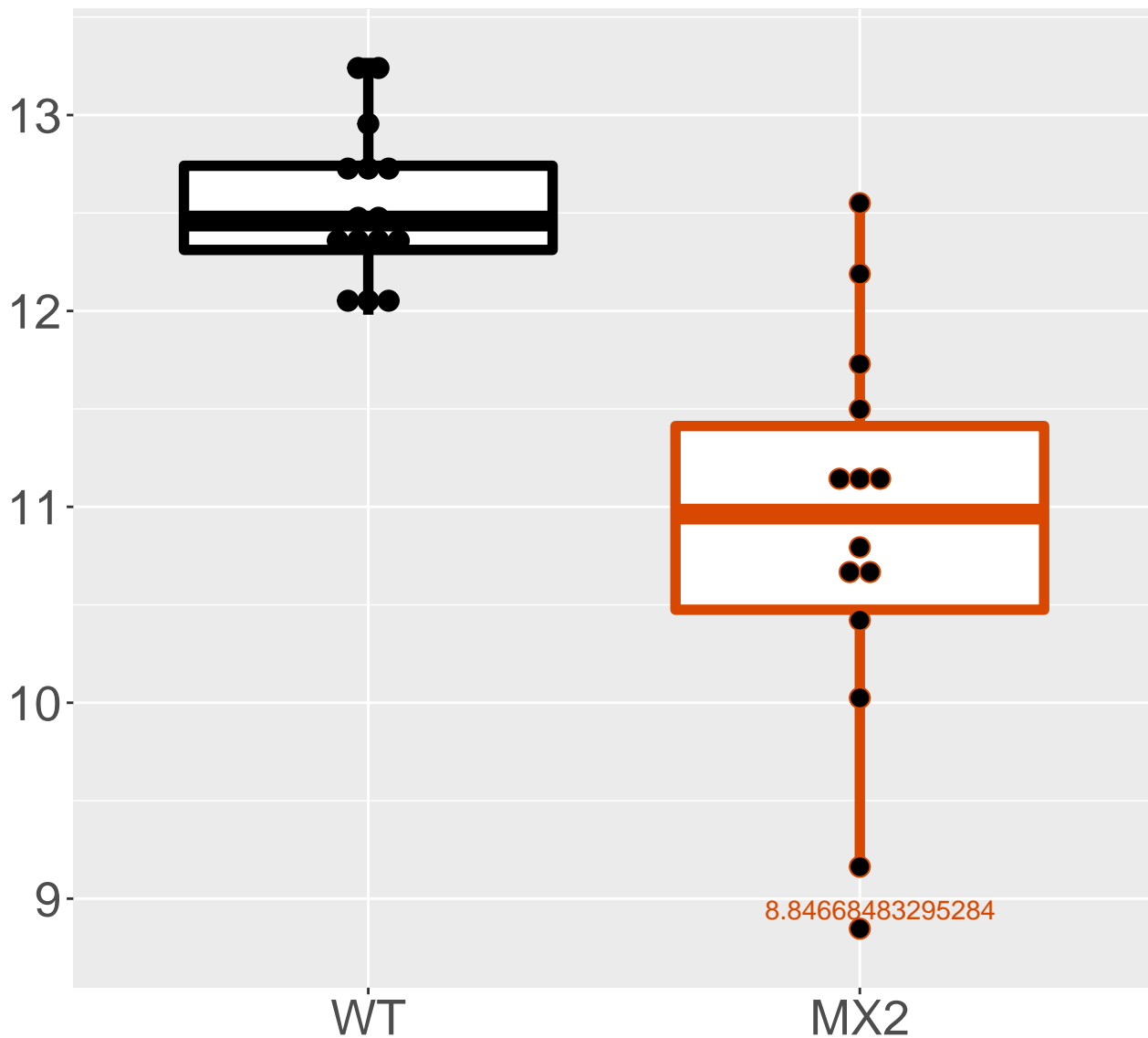
M676.5901T4.64
FDR = 0.00021, FC = −1.3
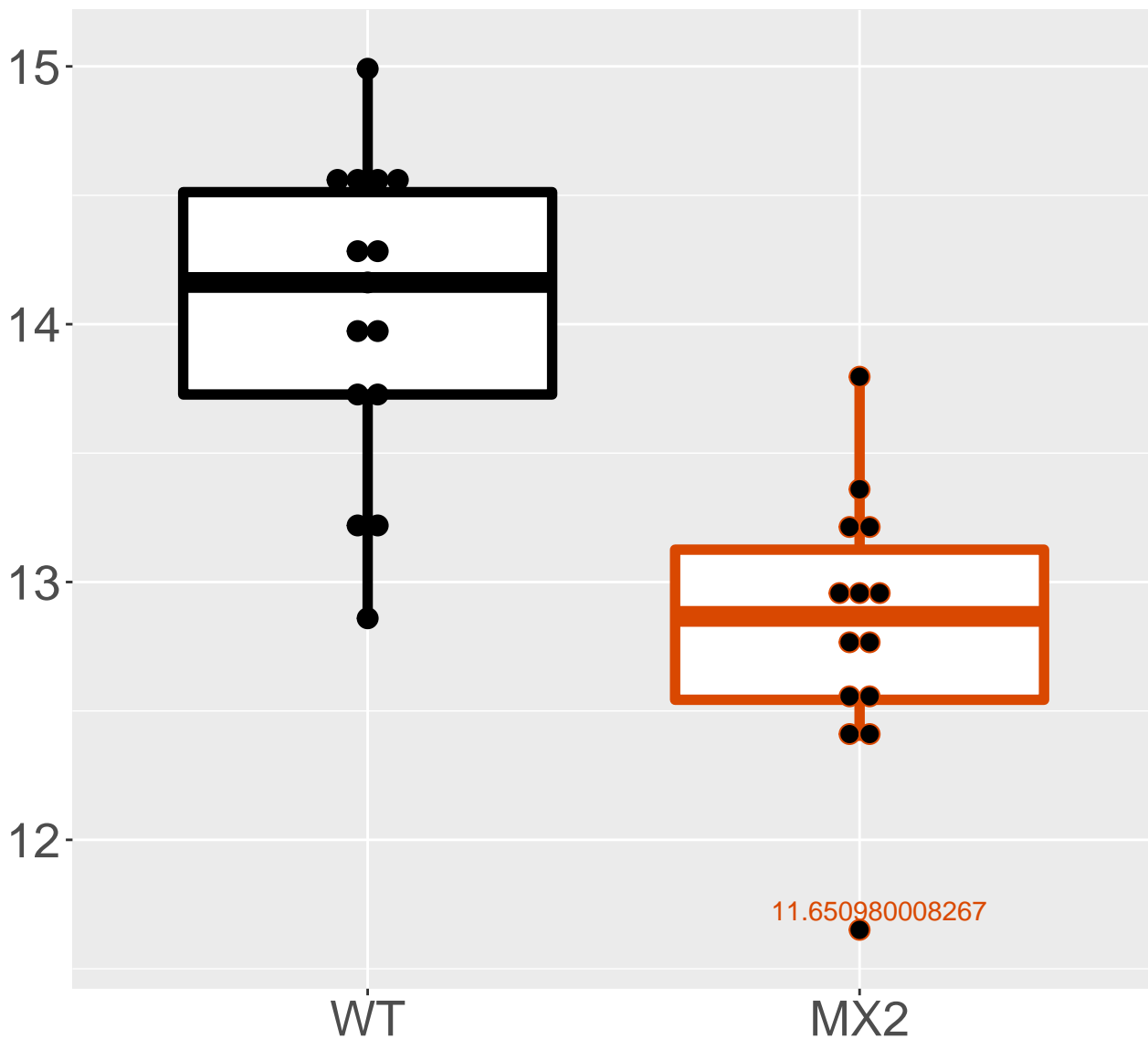
M676.3394T4.65
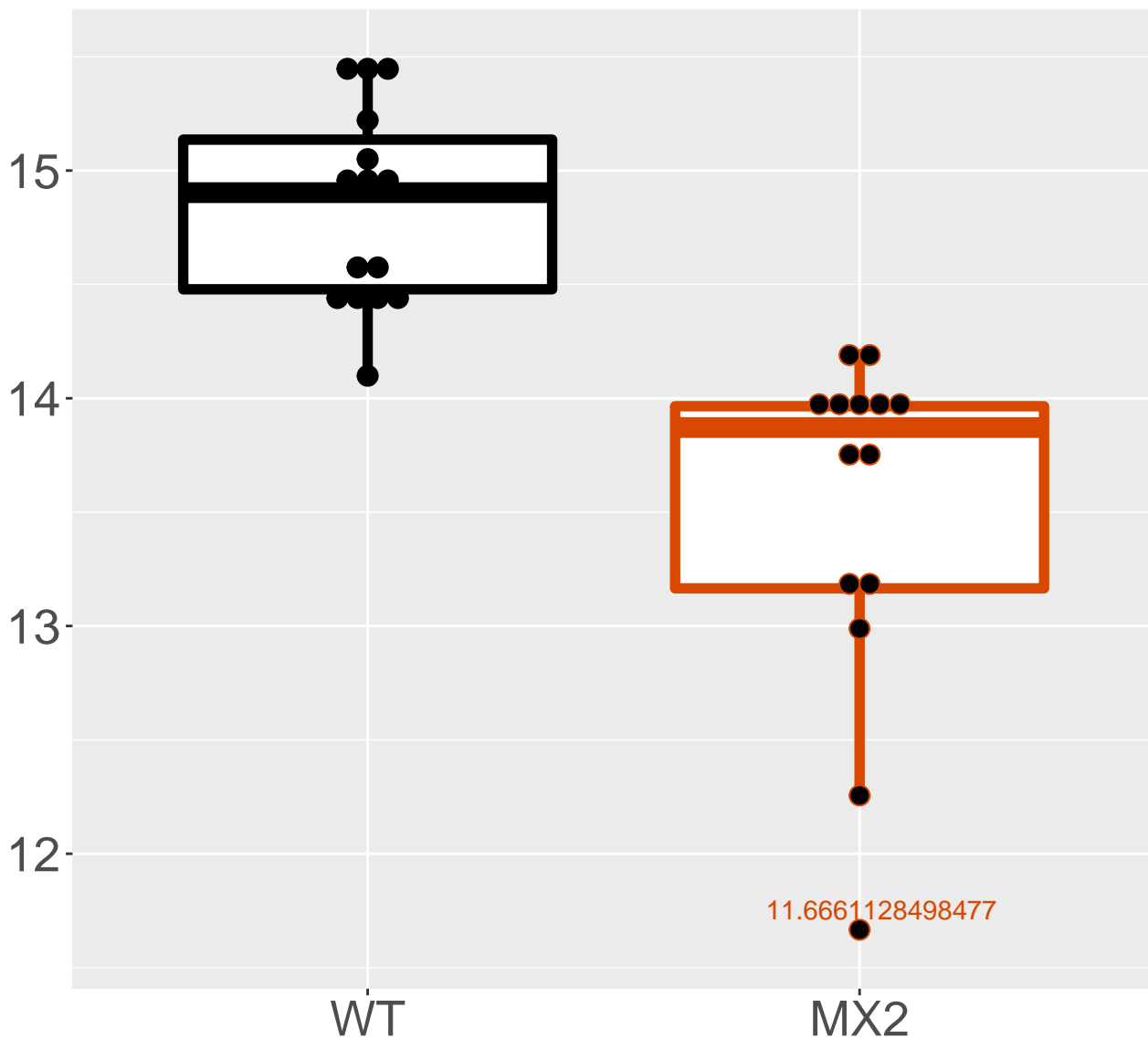**FDR = 0.00028, FC = −1.2**

M561.2892T4.6
FDR = 0.00071, FC = −1.7
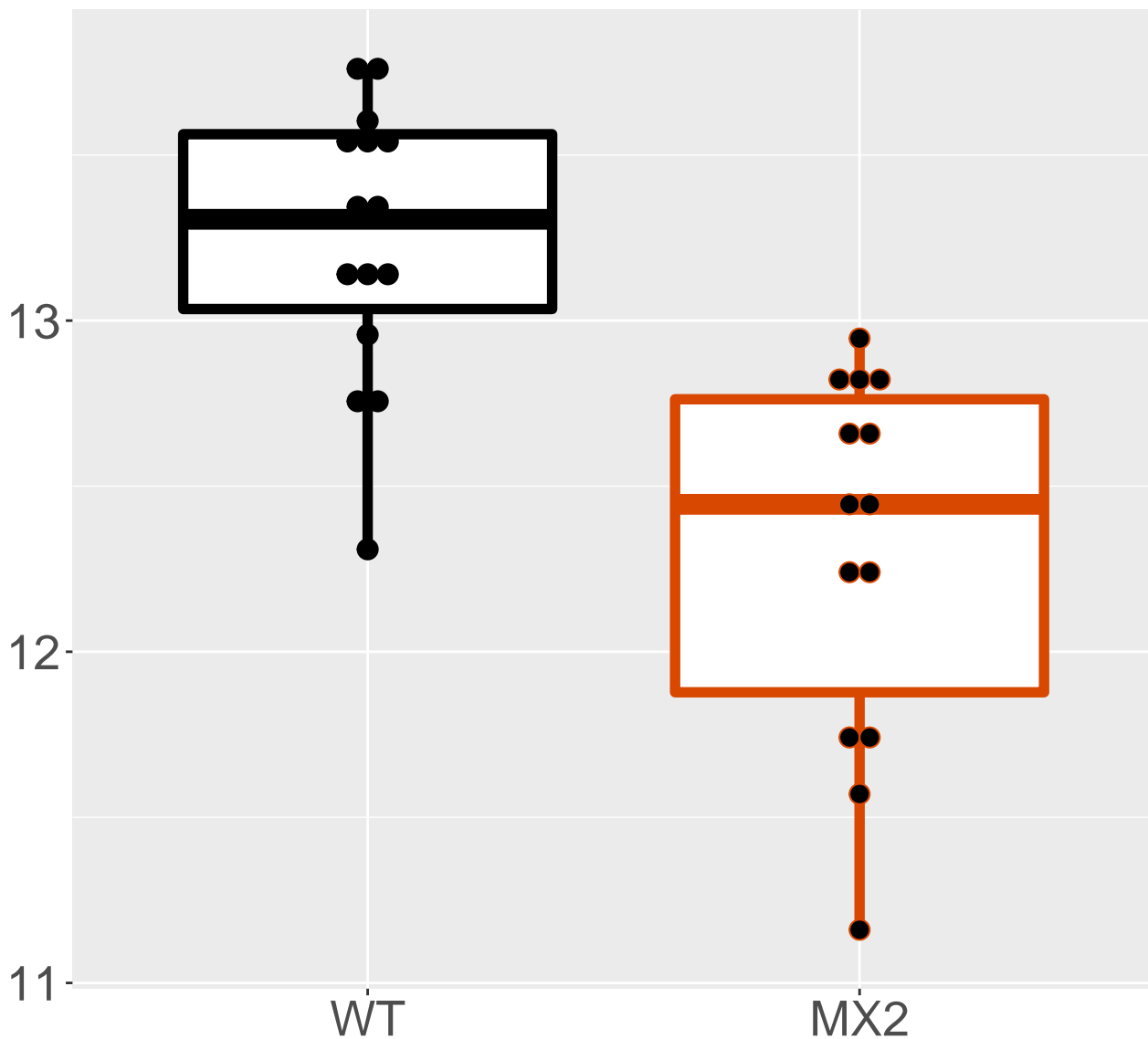
M676.0887T4.65
FDR = 0.00098, FC = −1.2

11.650980008267

M580.6222T5.04
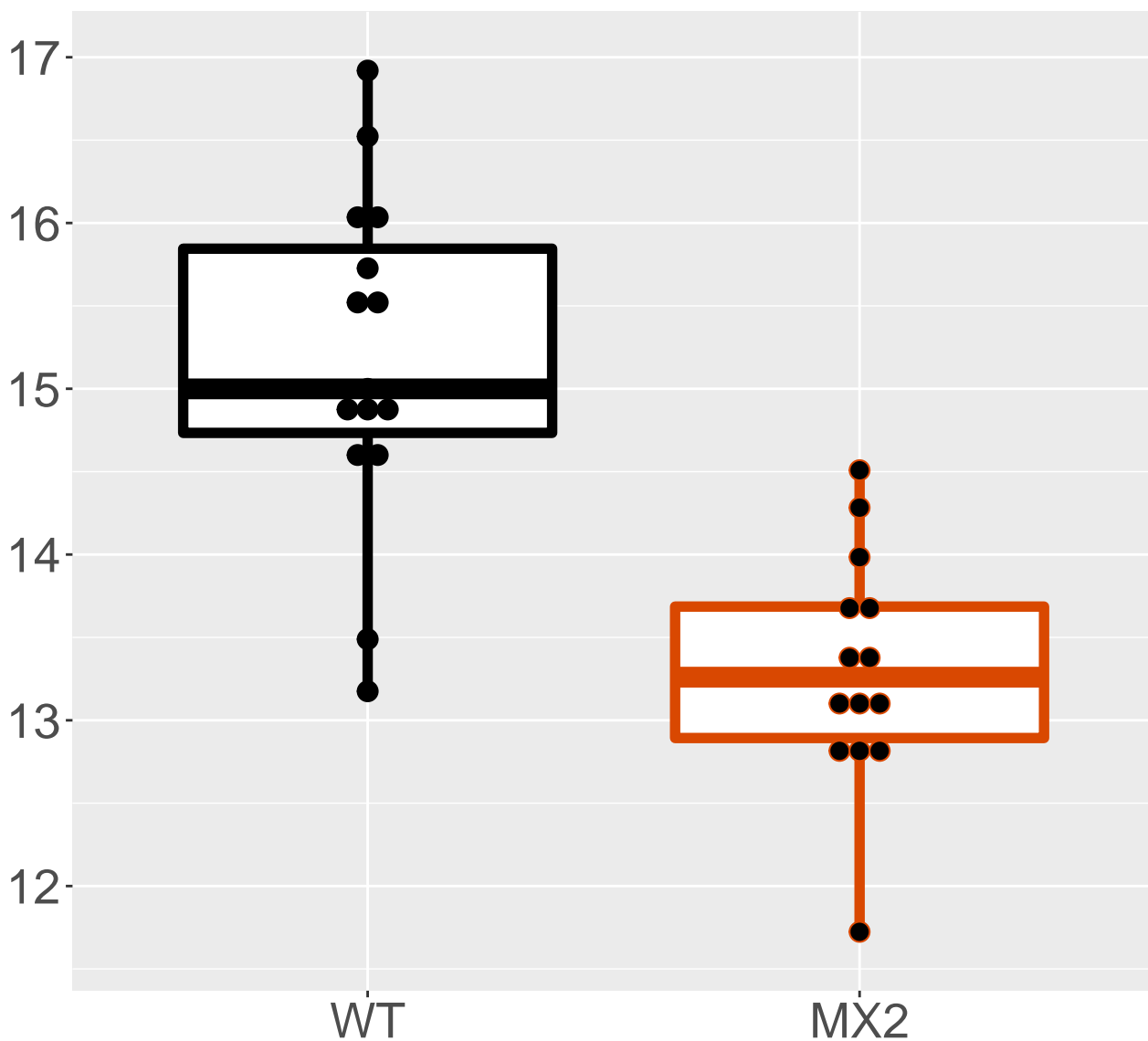**FDR = 0.002, FC = −1.3**

11.6661128498477

M561.539T4.57
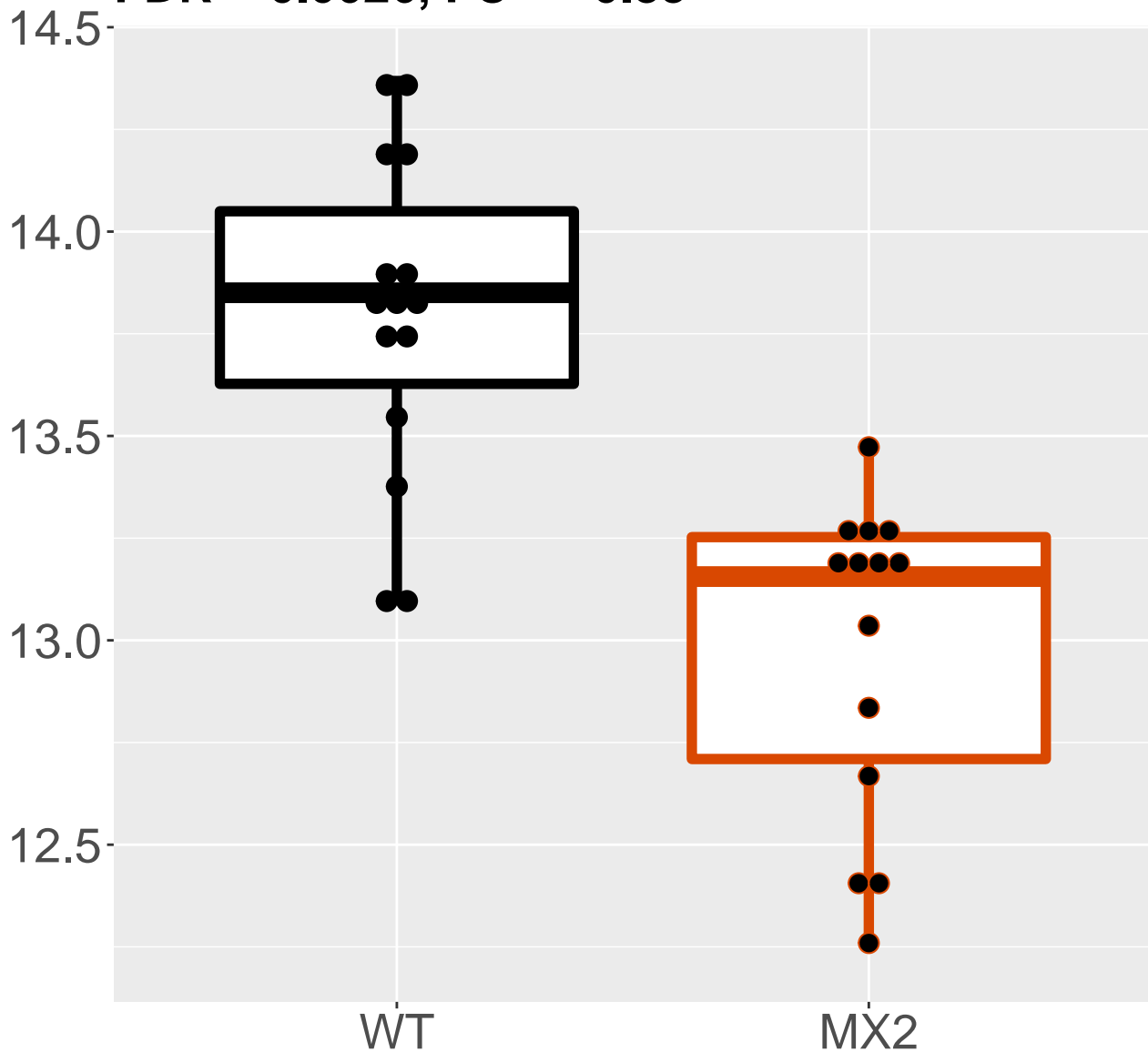**FDR = 0.0022, FC = −0.93**
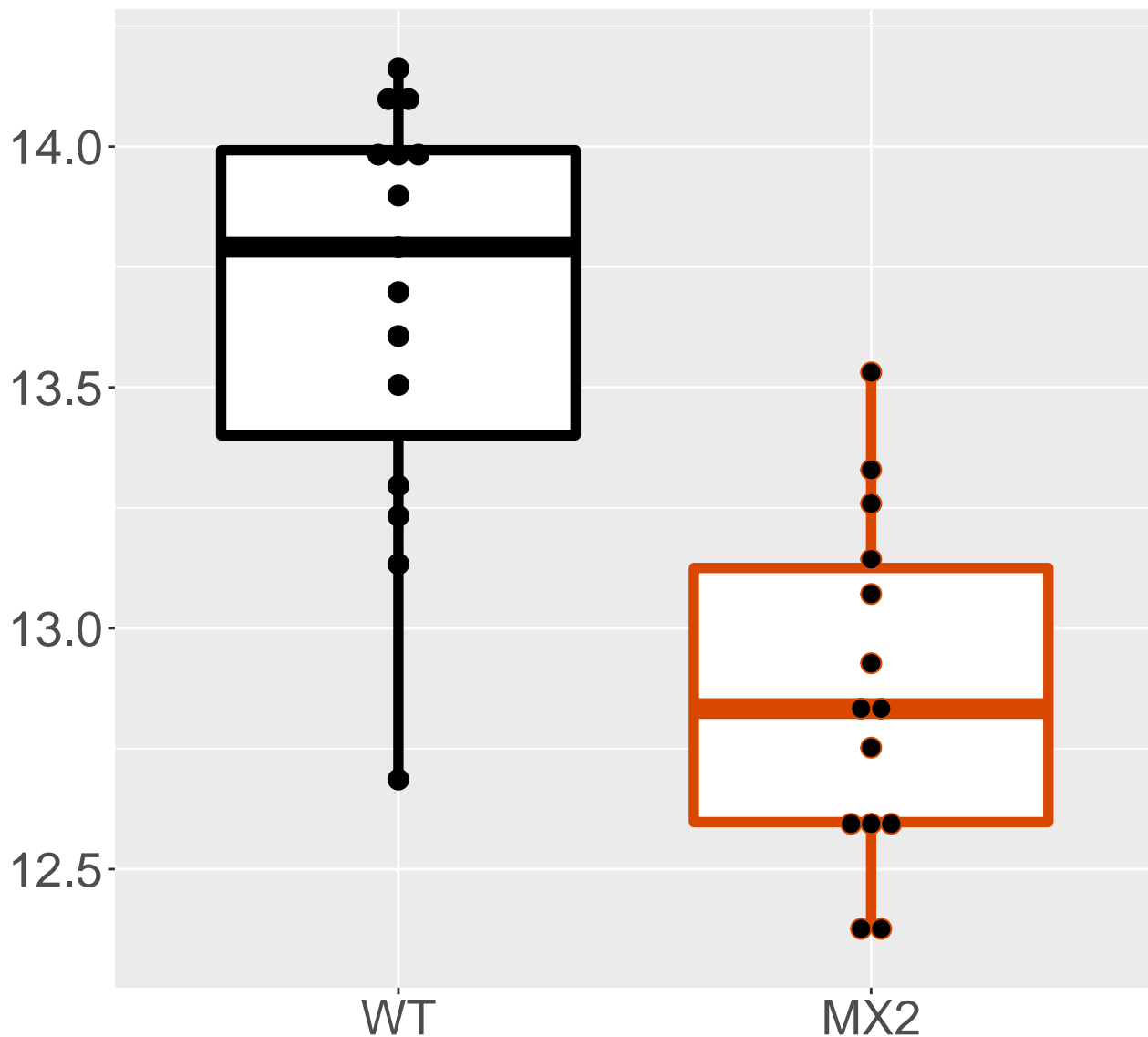
M440.4485T1.08
FDR = 0.0022, FC = −1.9
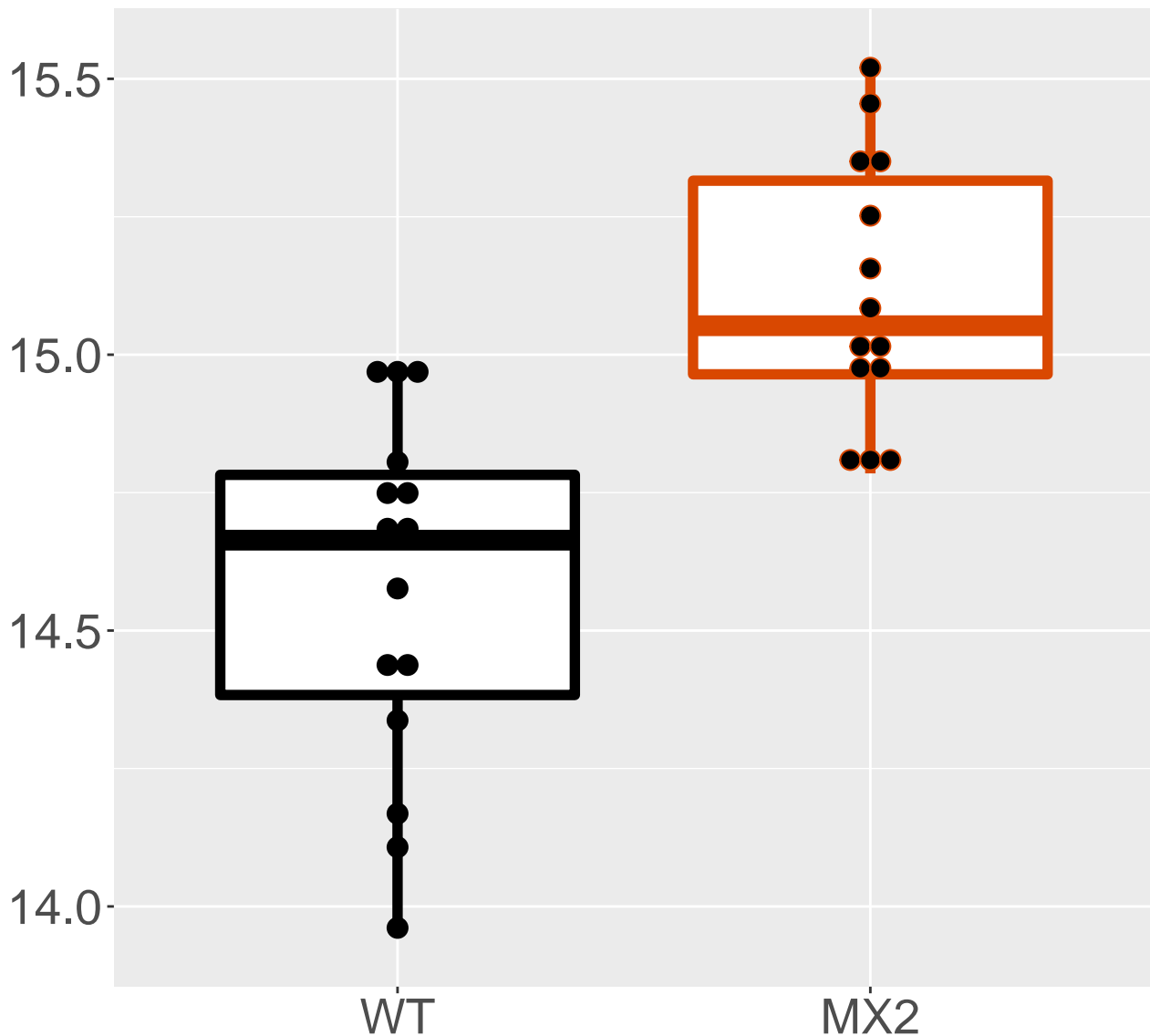
M777.8718T5.48
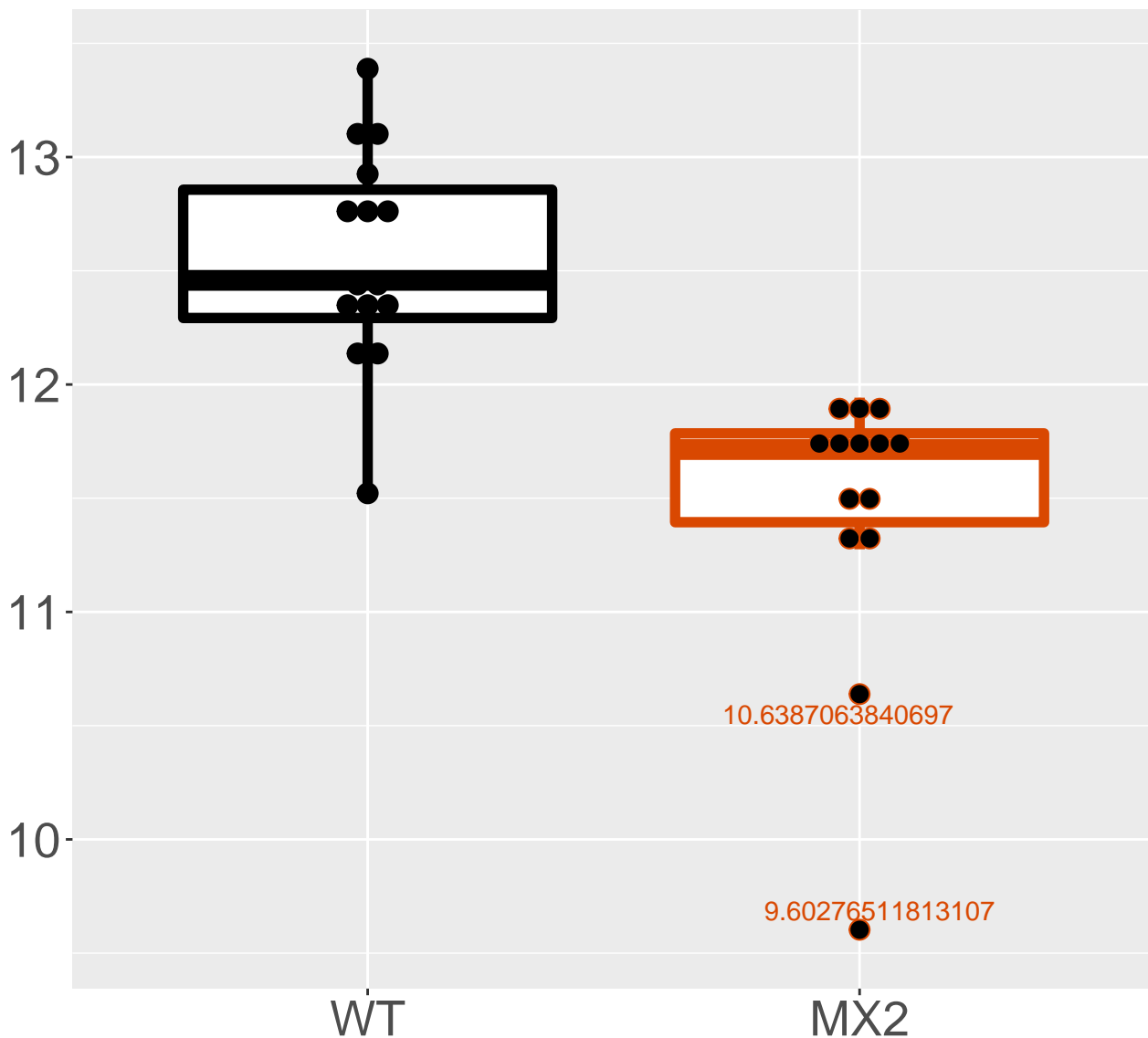**FDR = 0.0026, FC = −0.83**

M591.7709T4.57
FDR = 0.0026, FC = −0.8
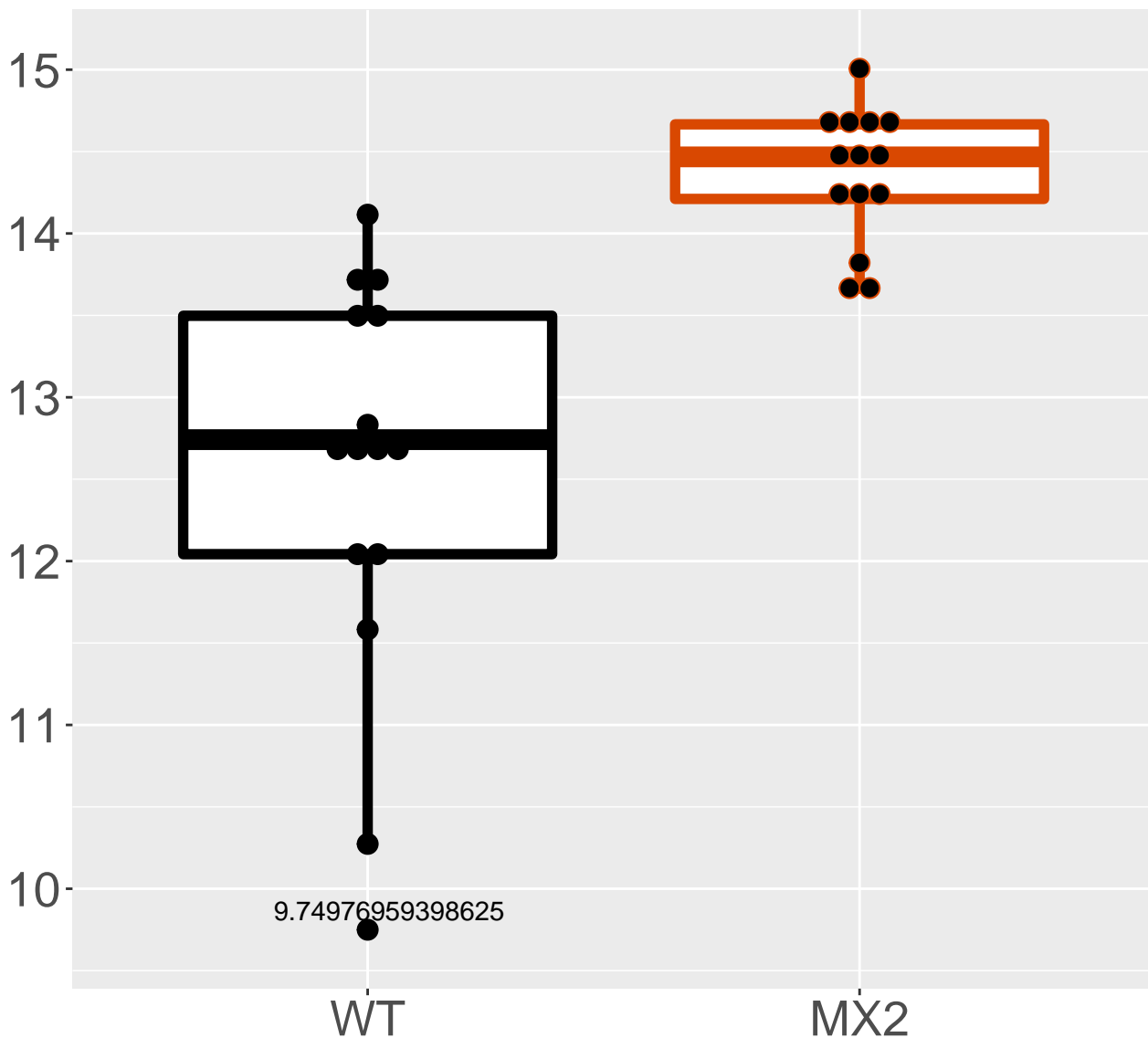
M260.9754T0.84
FDR = 0.0026, FC = 0.54, sex*
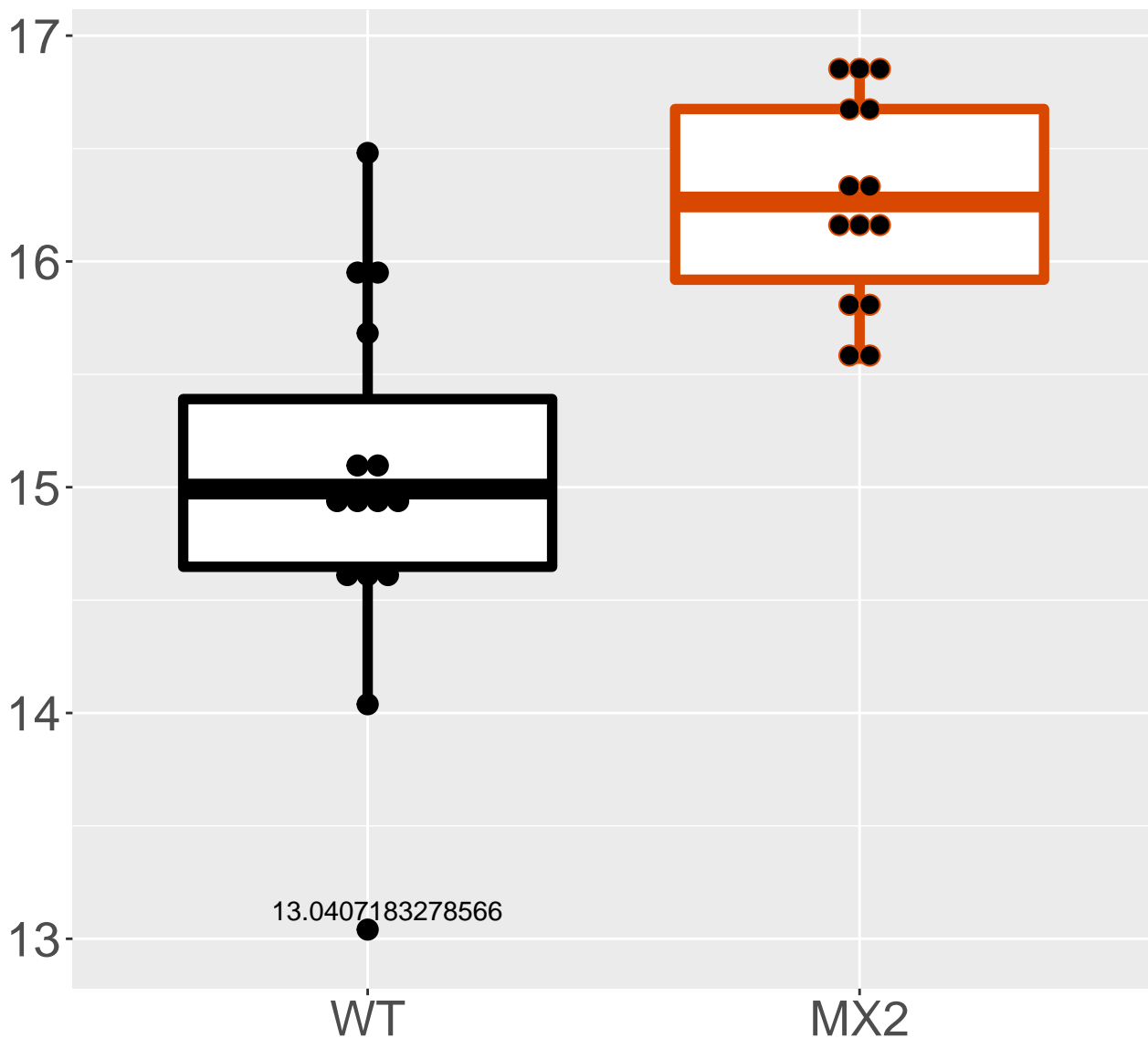
M726.3435T5.82
FDR = 0.0033, FC = −1.1
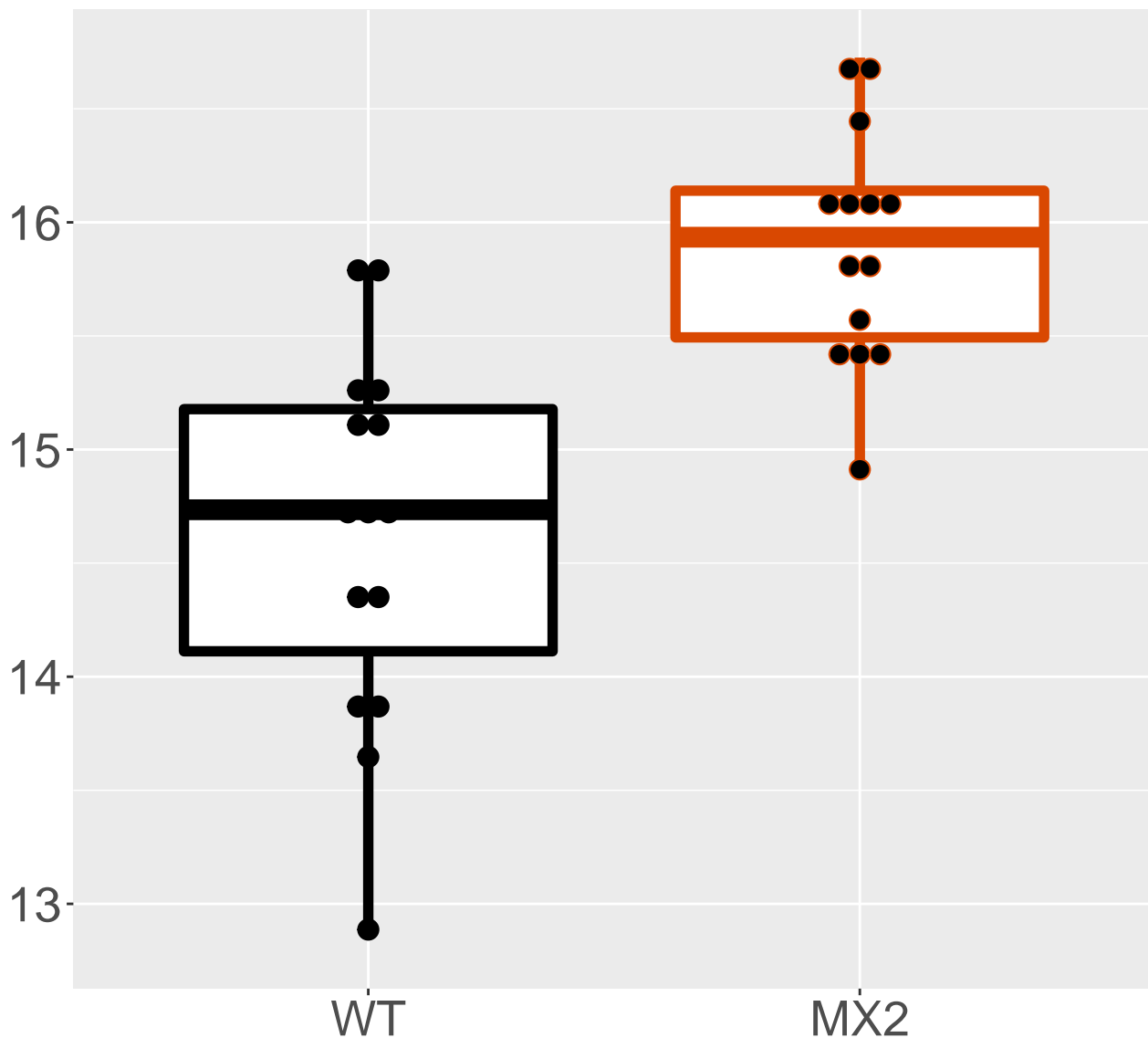
M717.8562T6.15
FDR = 0.0043, FC = 1.8

M827.9267T4.99
FDR = 0.0044, FC = 1.3

13.0407183278566
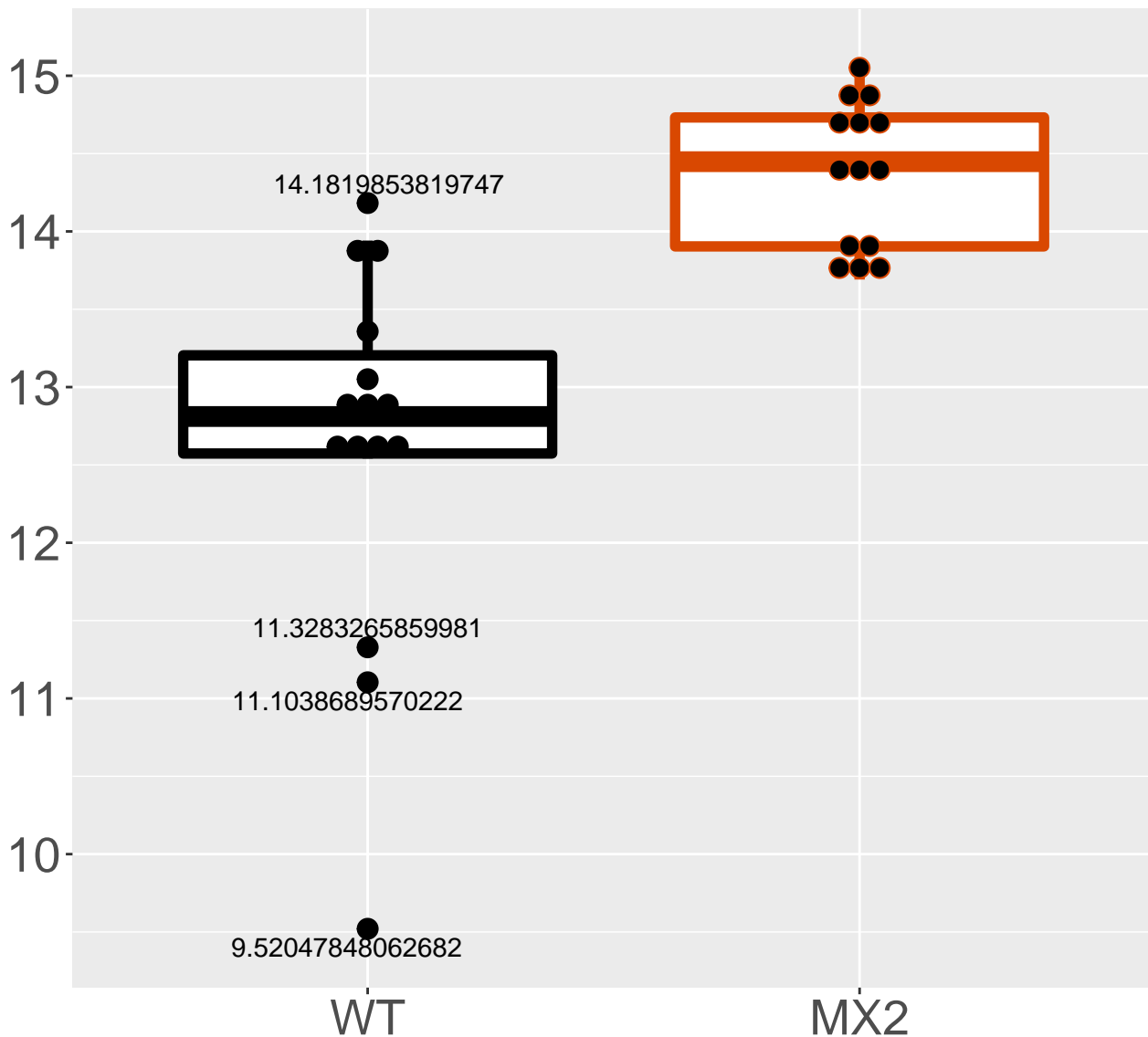
M621.447T4.99
FDR = 0.0044, FC = 1.3

M820.4065T6.15
FDR = 0.0053, FC = 1.7

14.1819853819747

11.3283265859981
11.1038689570222

9.52047848062682

WT   MX2

M709.9381T4.99
FDR = 0.0053, FC = 1.3

14.4404955458017

14.3803383726185
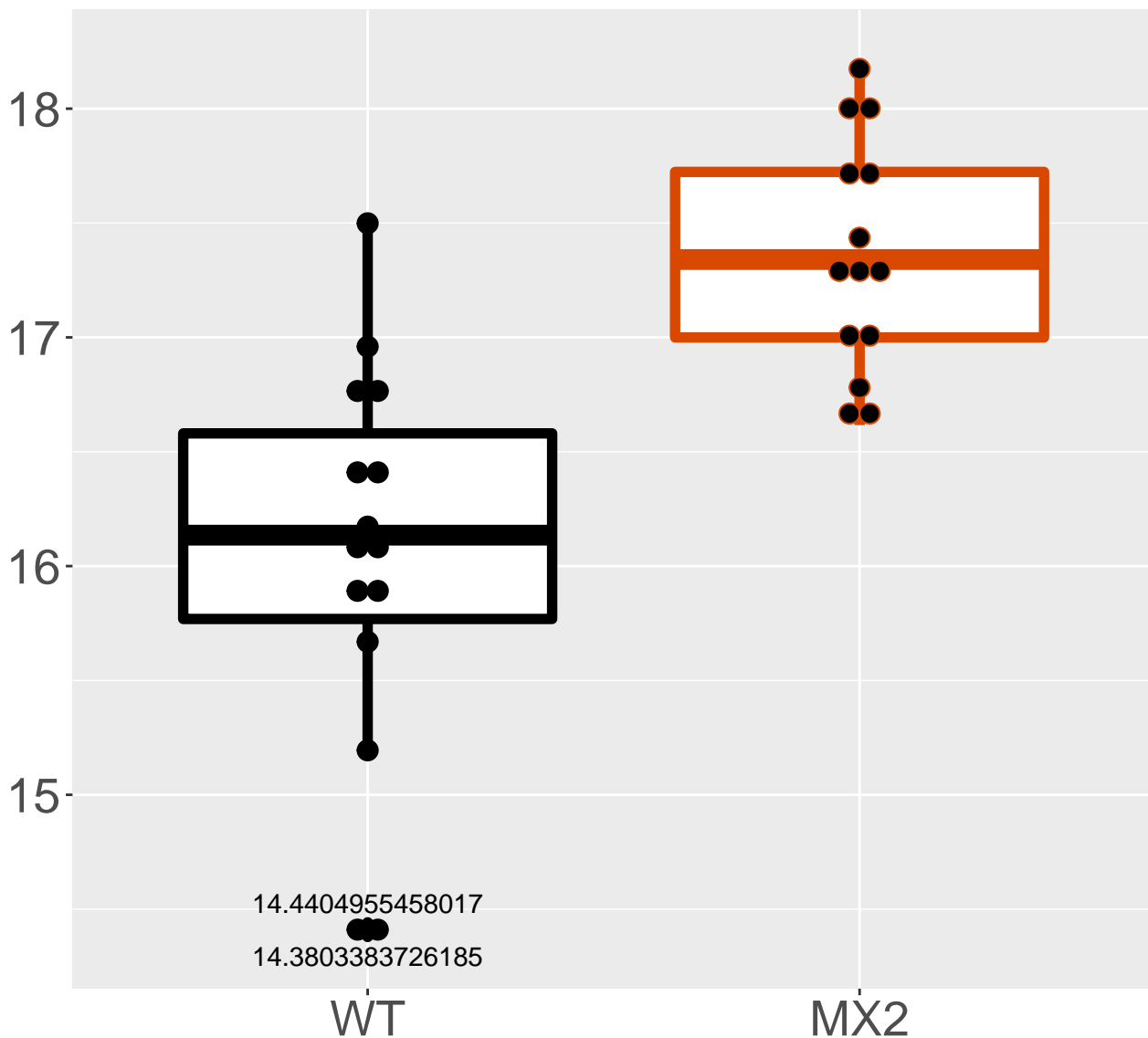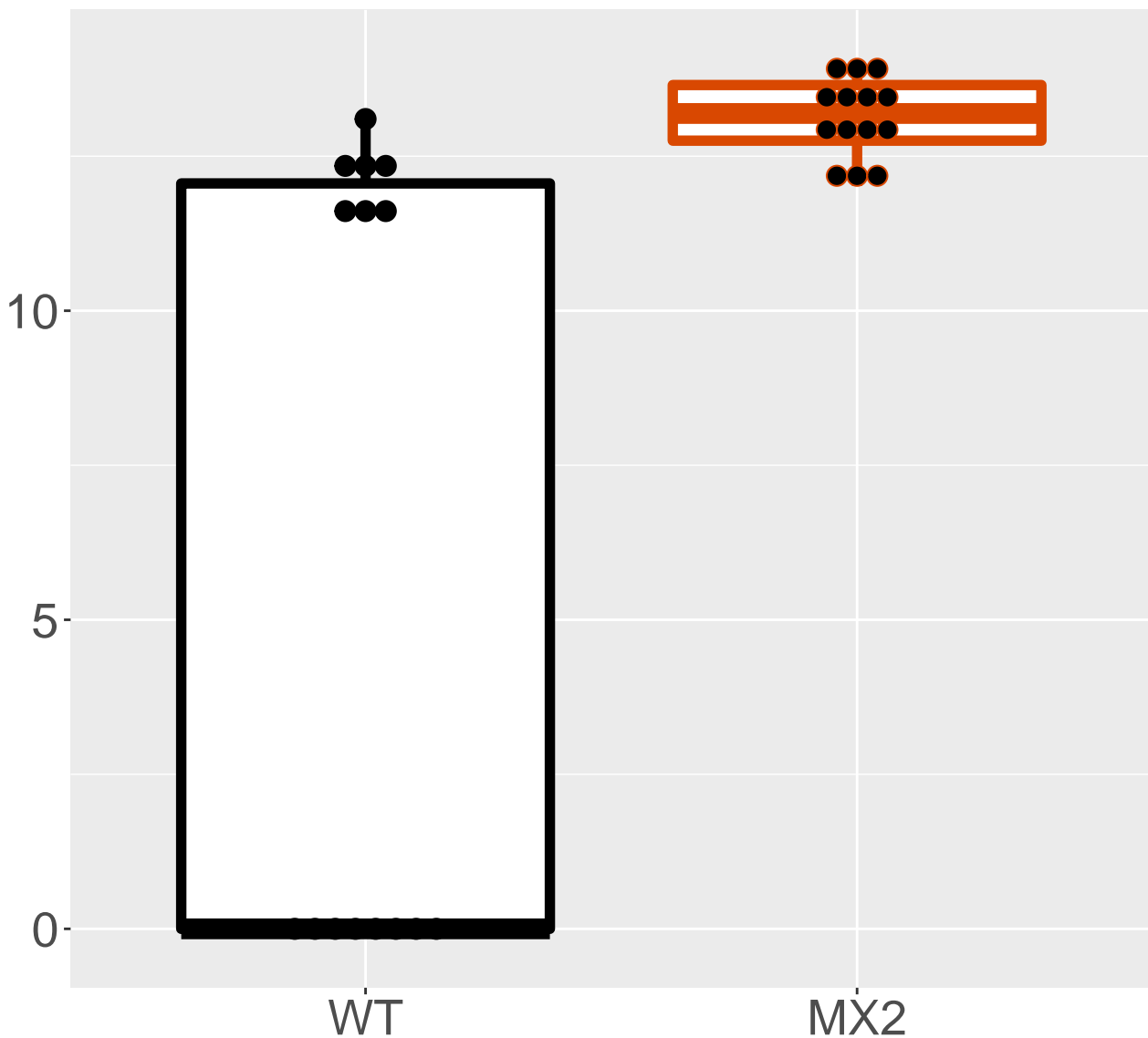
M819.8339T6.15
FDR = 0.0059, FC = 1.8
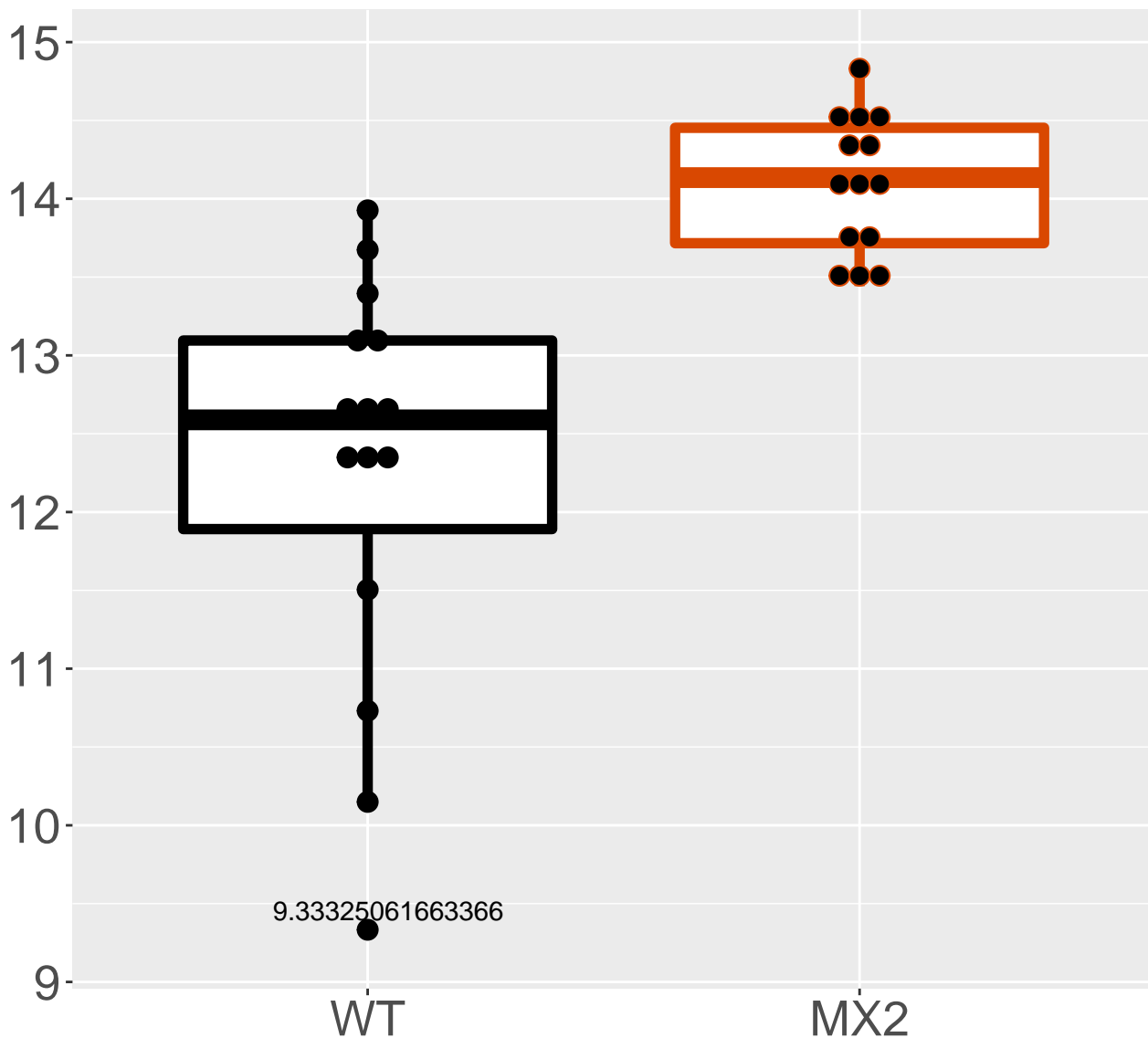
M819.9771T6.15
FDR = 0.0059, FC = 1.8
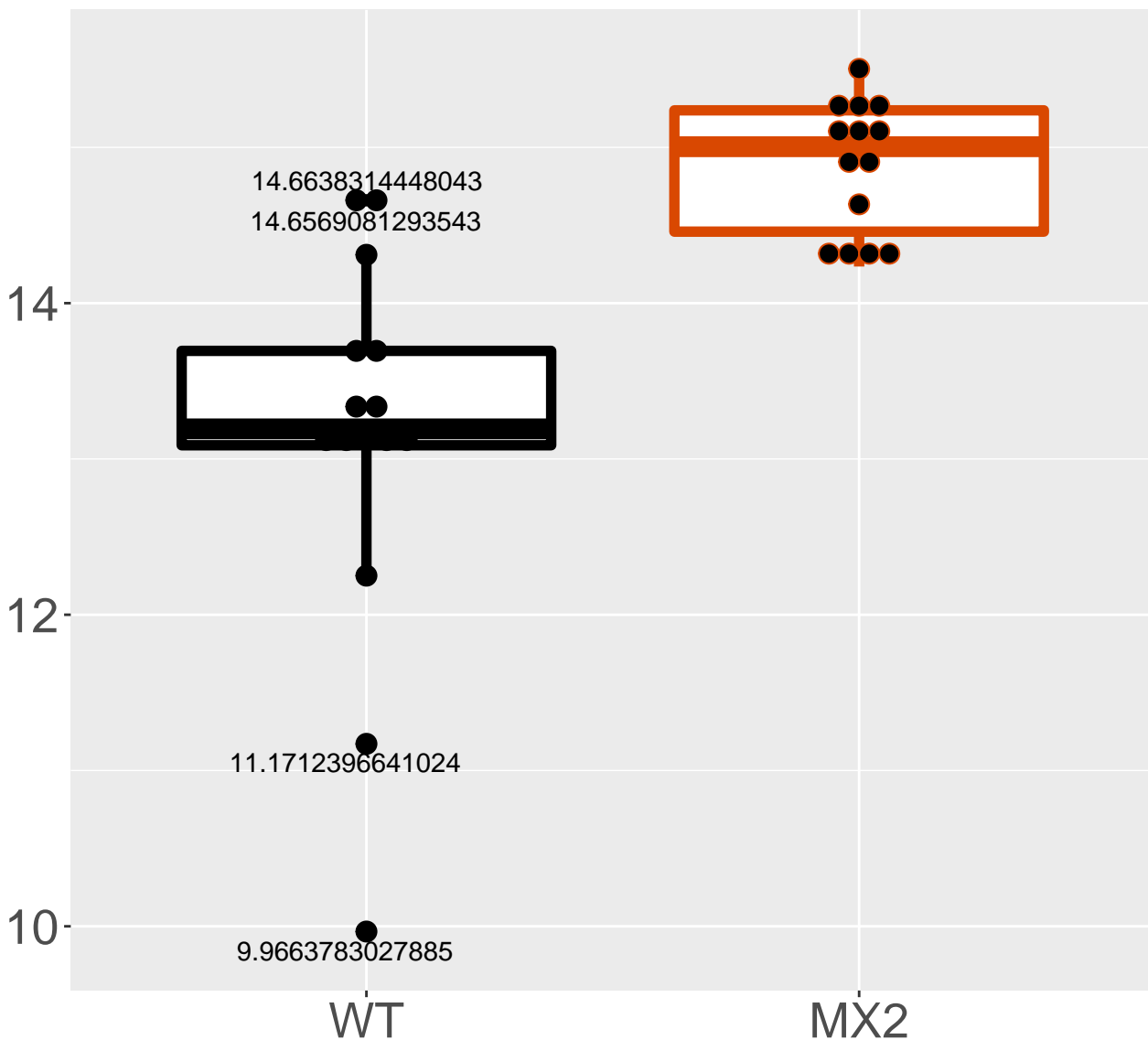
M246.0207T5.83
FDR = 0.0066, FC = 7.5

M710.0814T4.99
FDR = 0.0066, FC = 1.3

14.5641228510069

14.0529098386667
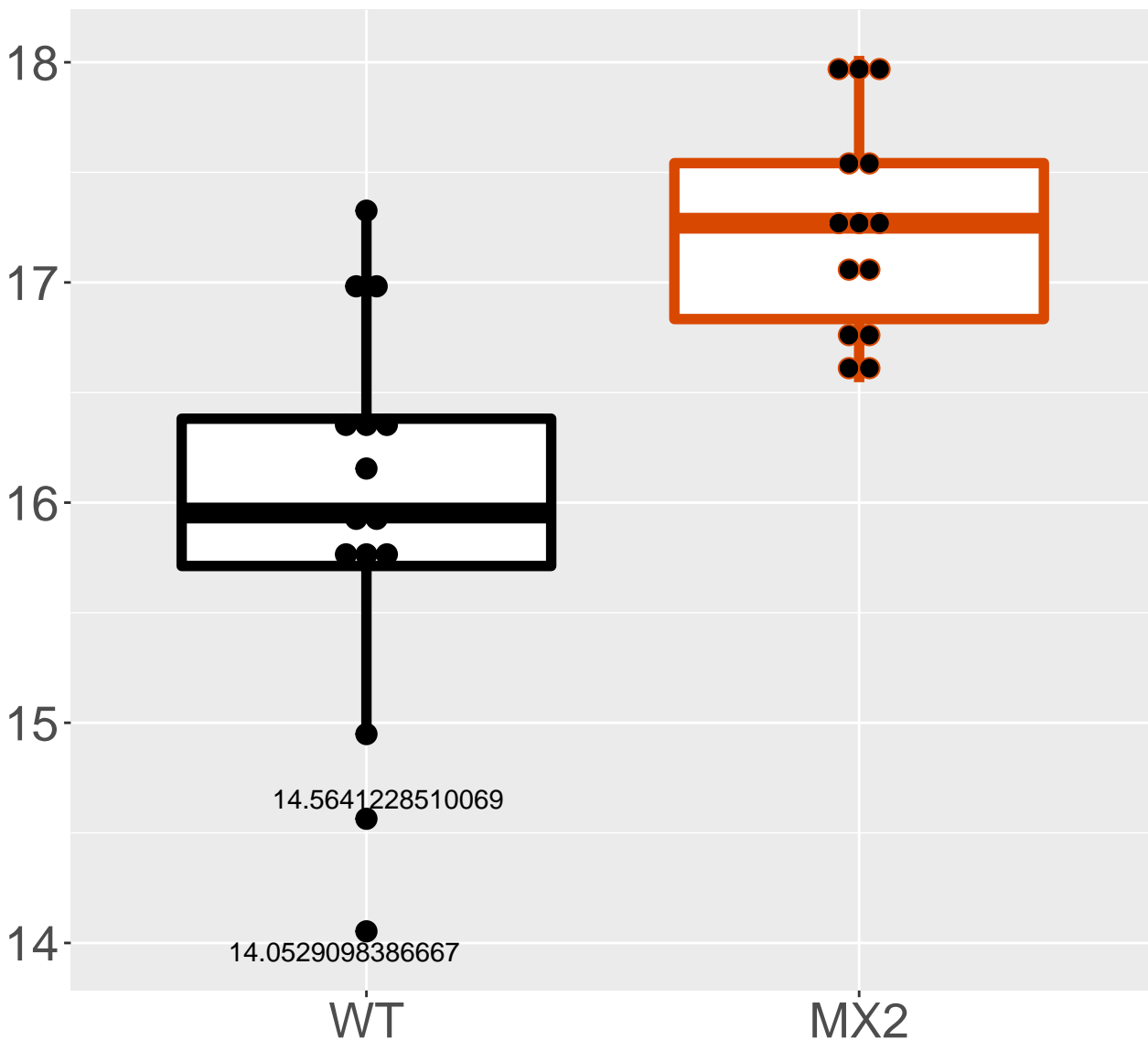
M710.2244T4.99
FDR = 0.0066, FC = 1.3

13.1875098873491

M709.7949T4.99
FDR = 0.0066, FC = 1.2

14.2009269677722
14.1702063260626
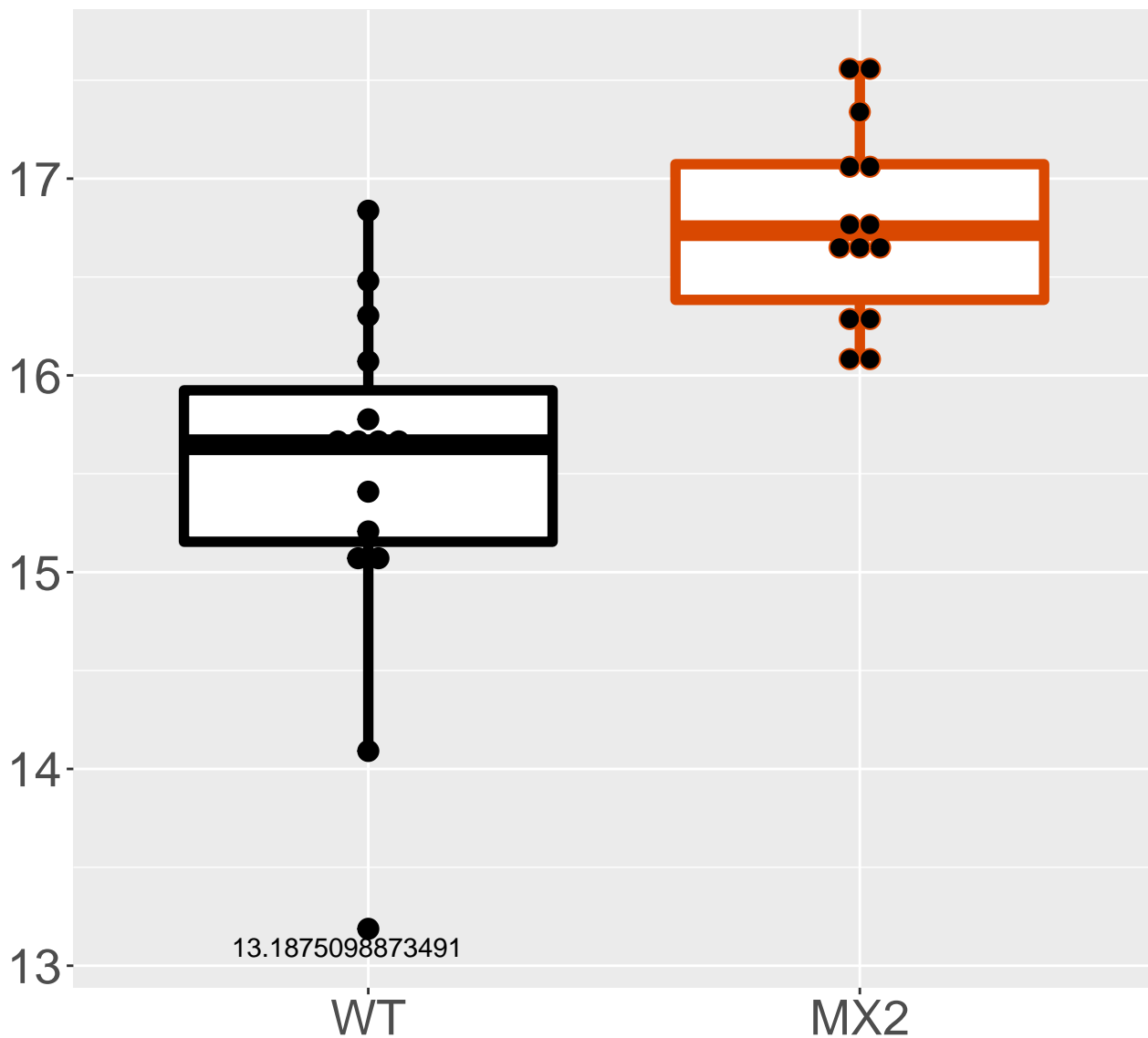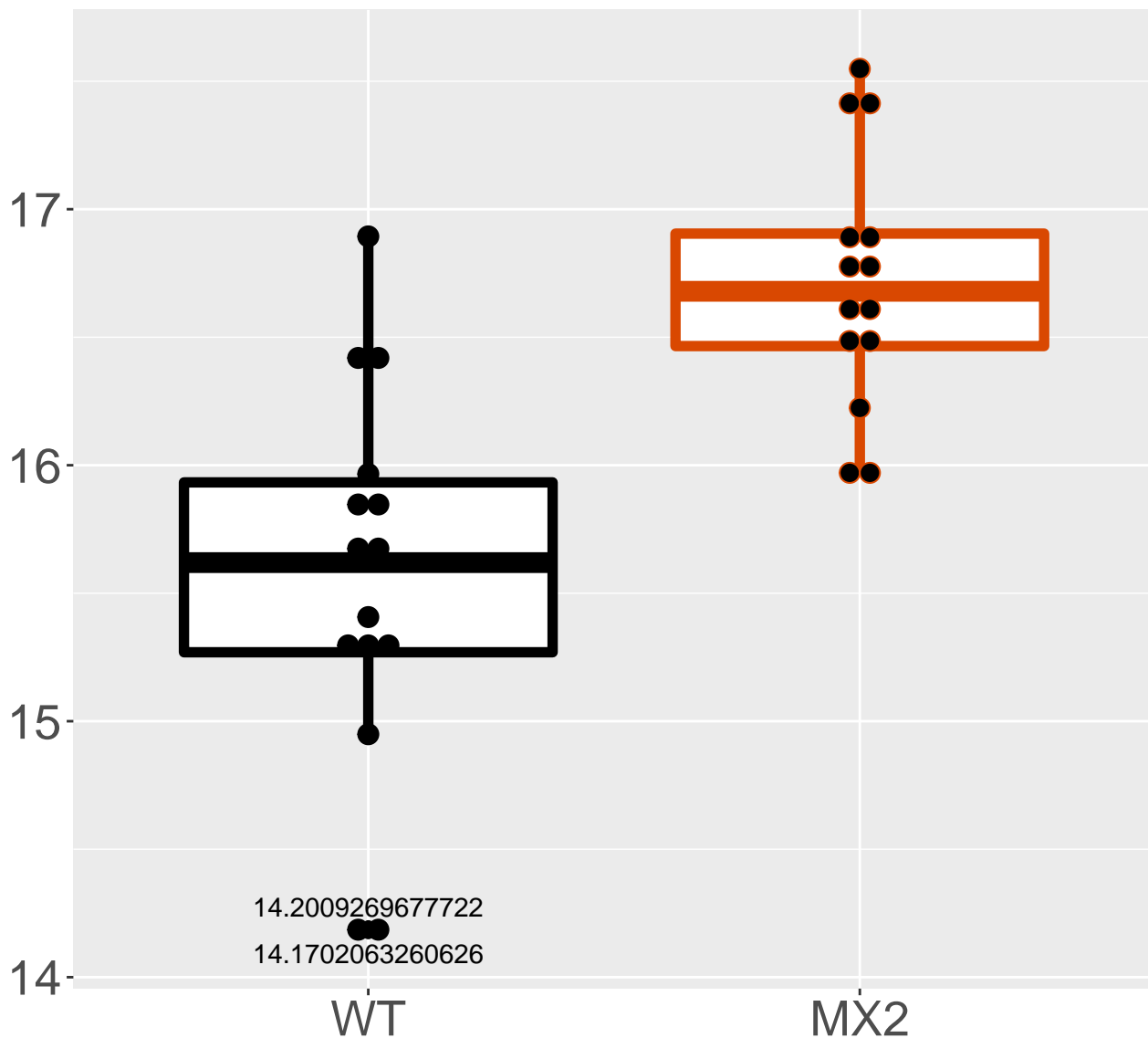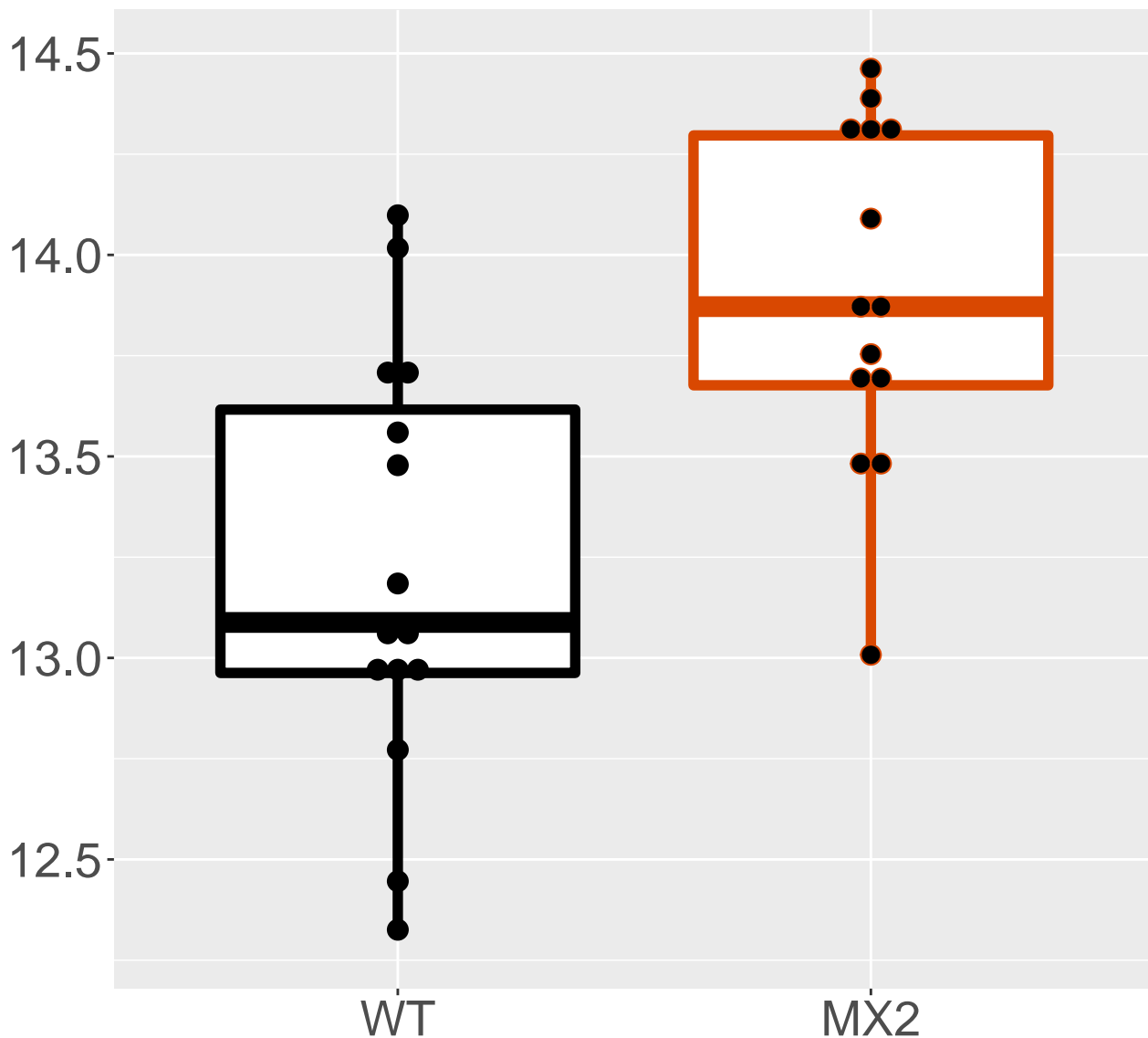
M171.9822T0.8
FDR = 0.0066, FC = 0.69, sex**

M717.6056T6.15
FDR = 0.0069, FC = 1.7

10.135874960332

9.61945083987611
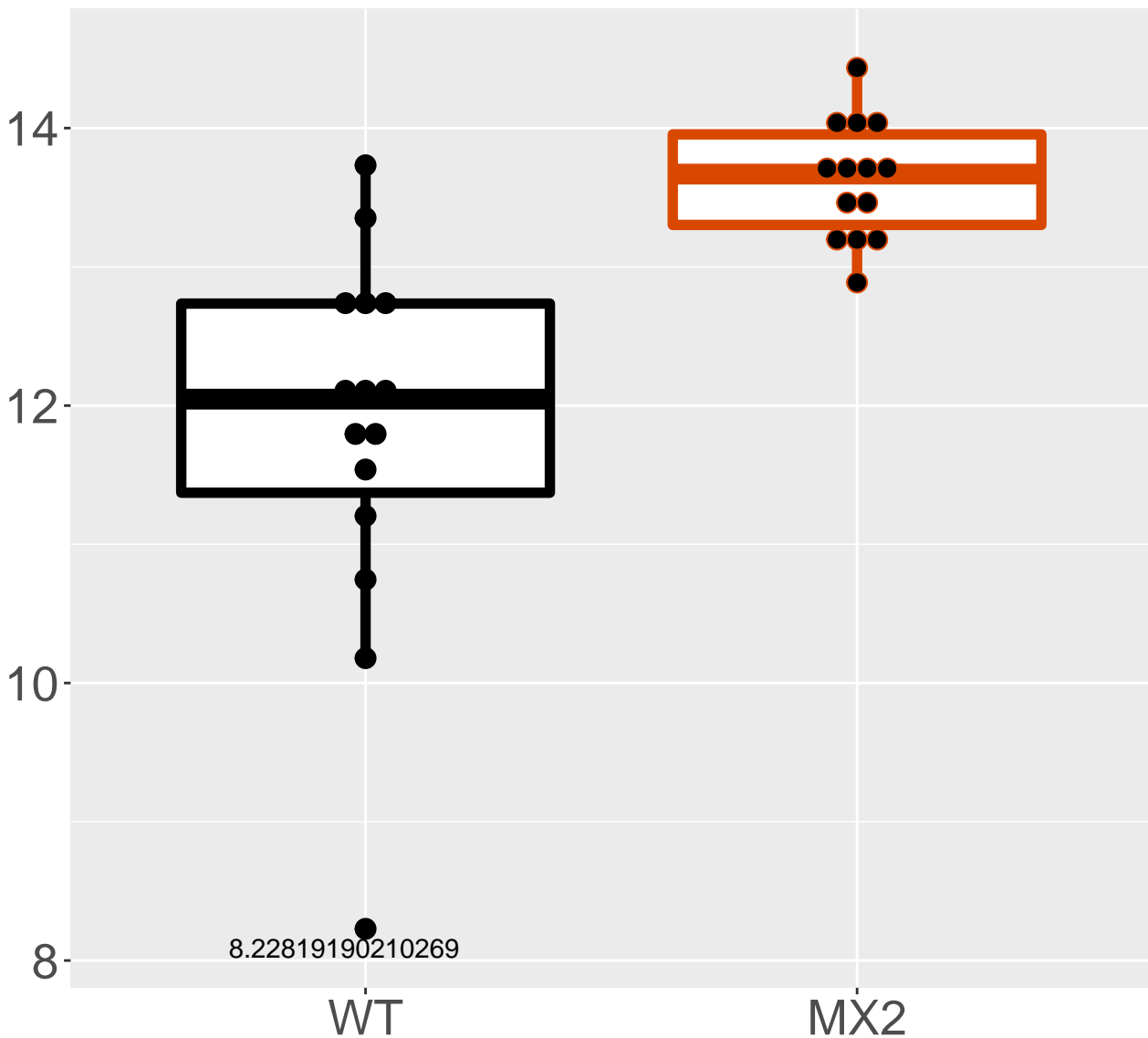
WT   MX2
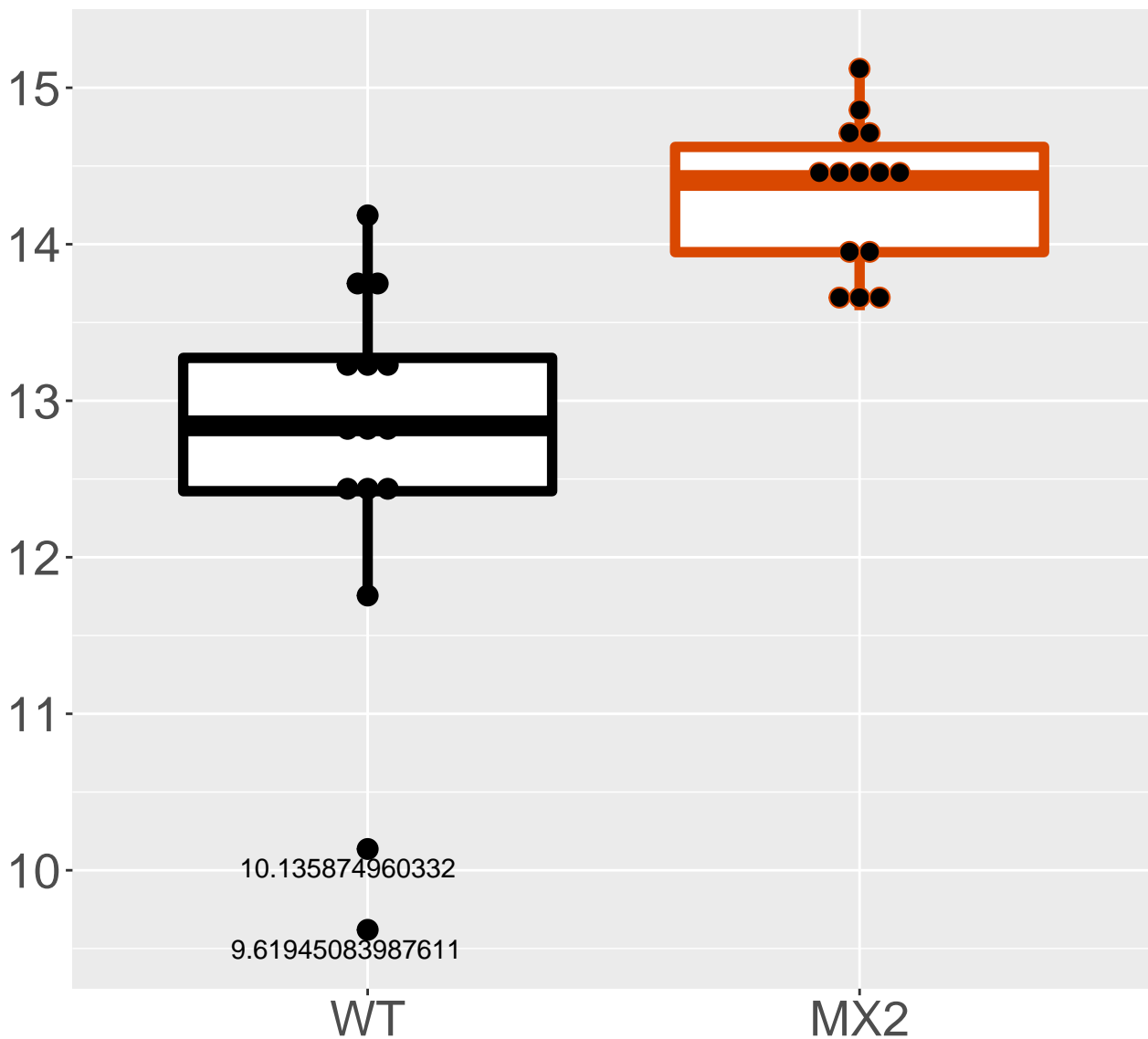
M621.8228T4.99
FDR = 0.0069, FC = 1.3
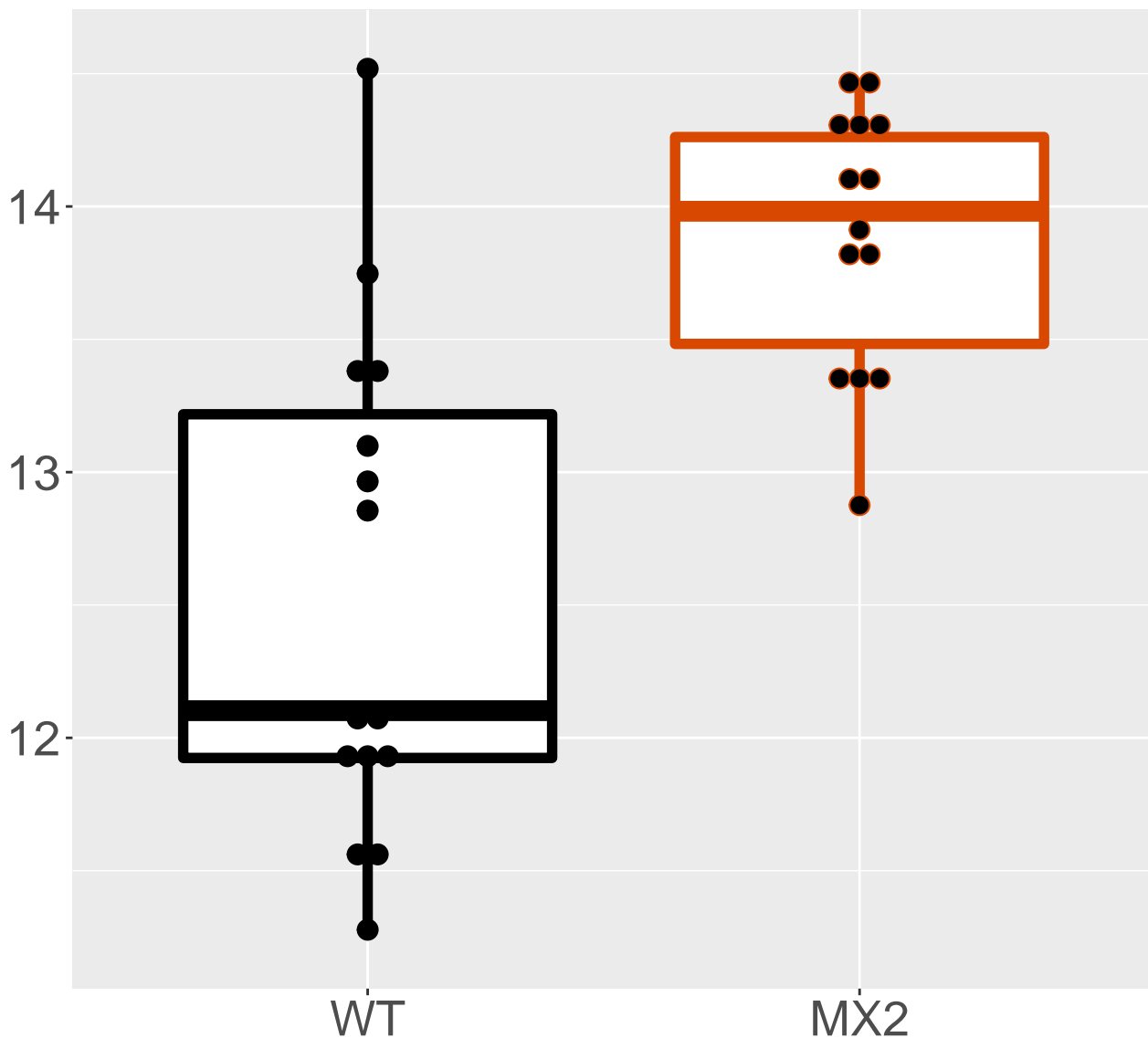
M717.4803T6.15
FDR = 0.0071, FC = 1.8

8.22819190210269

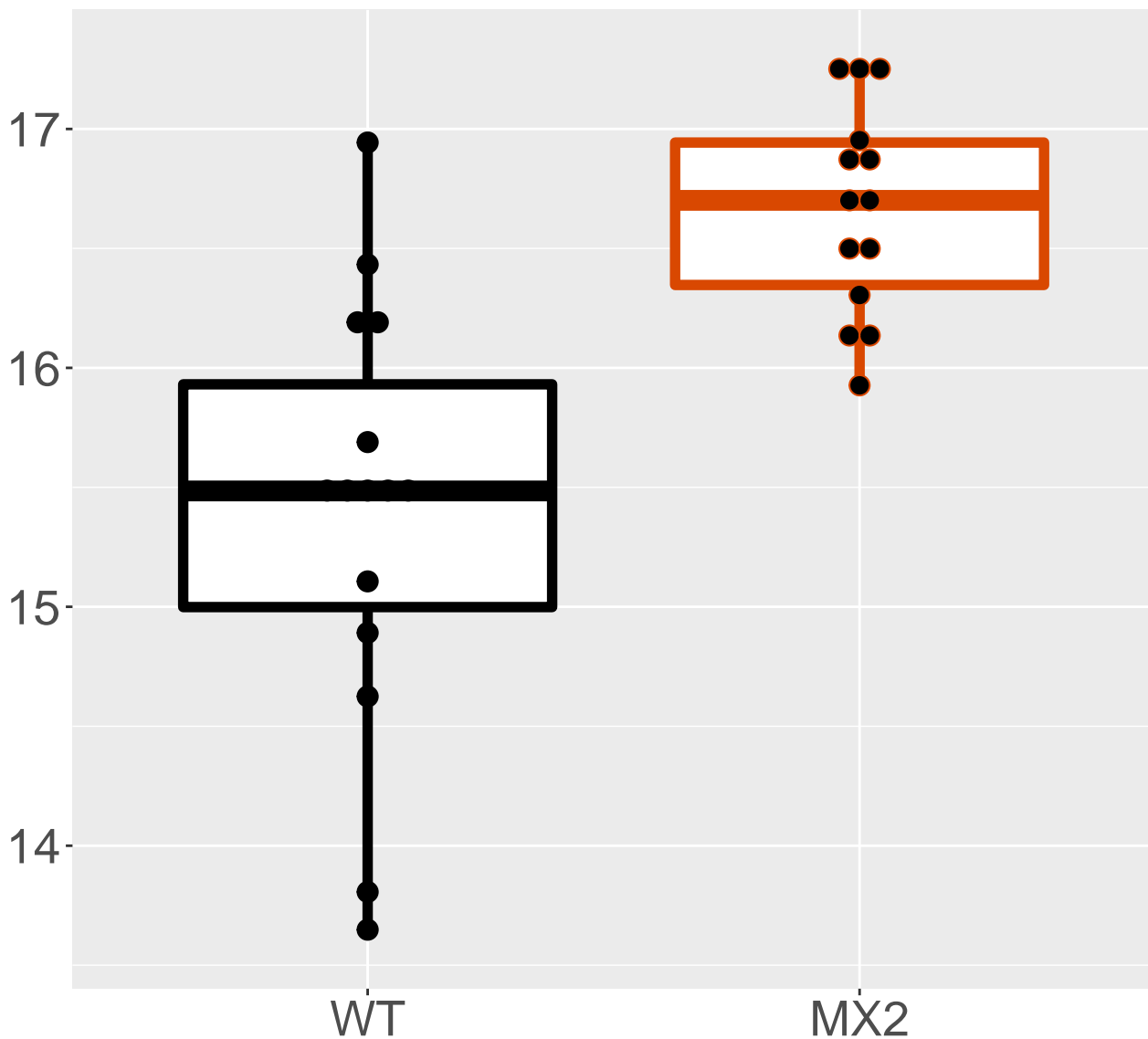**M820.1202T6.15**
FDR = 0.0071, FC = 1.7

9.87384648561528
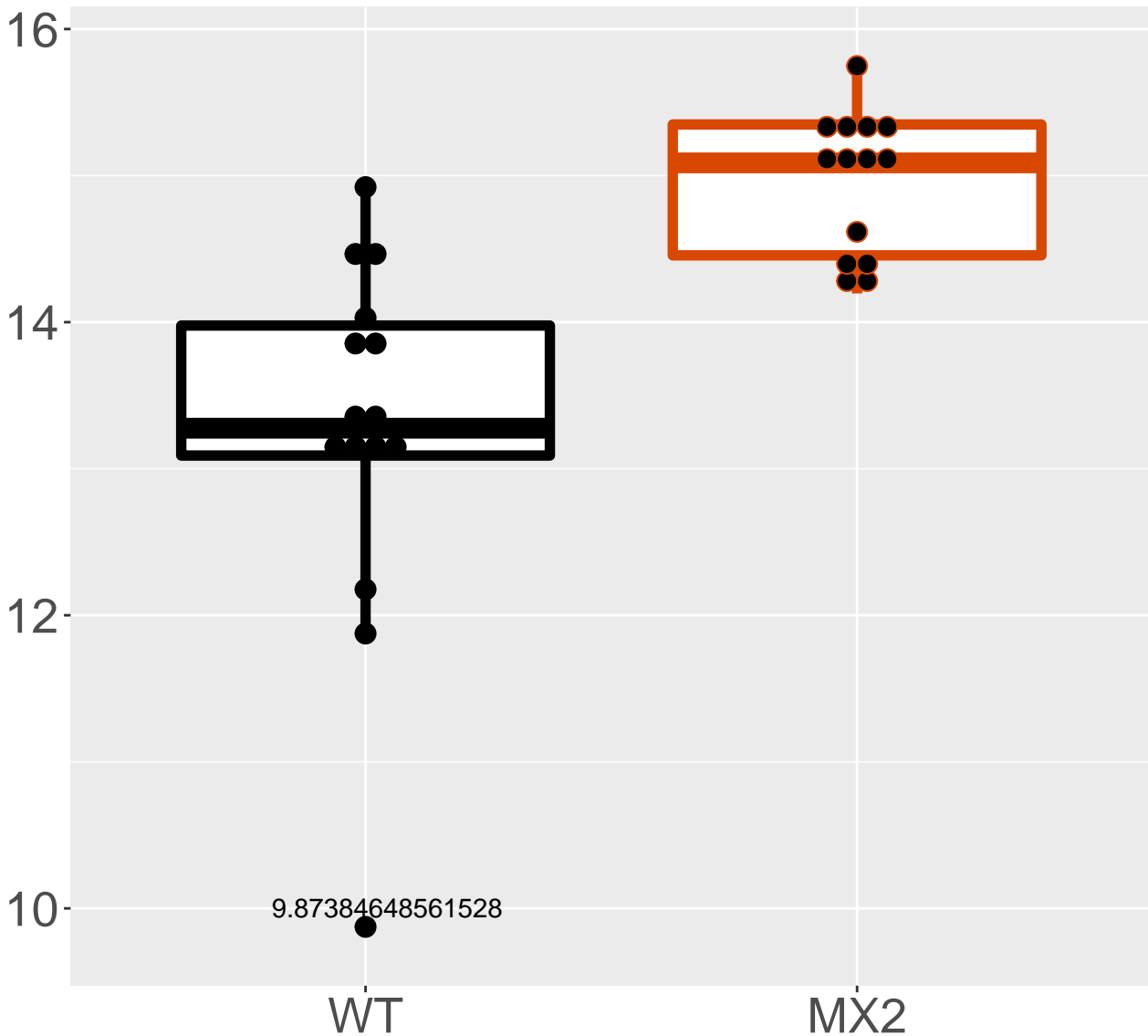
M846.8436T6.18
FDR = 0.0071, FC = 1.7
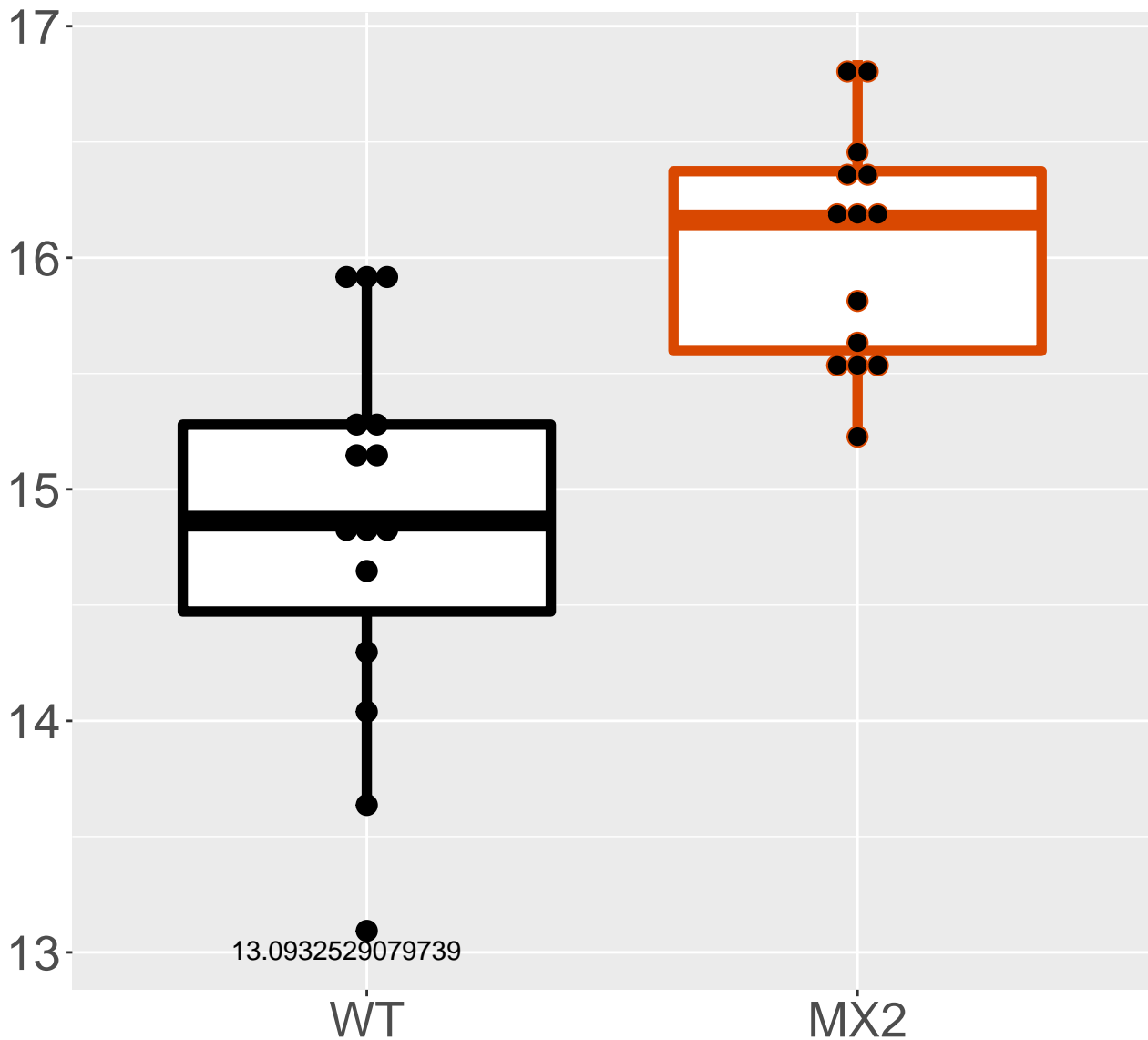
8.85914185964296
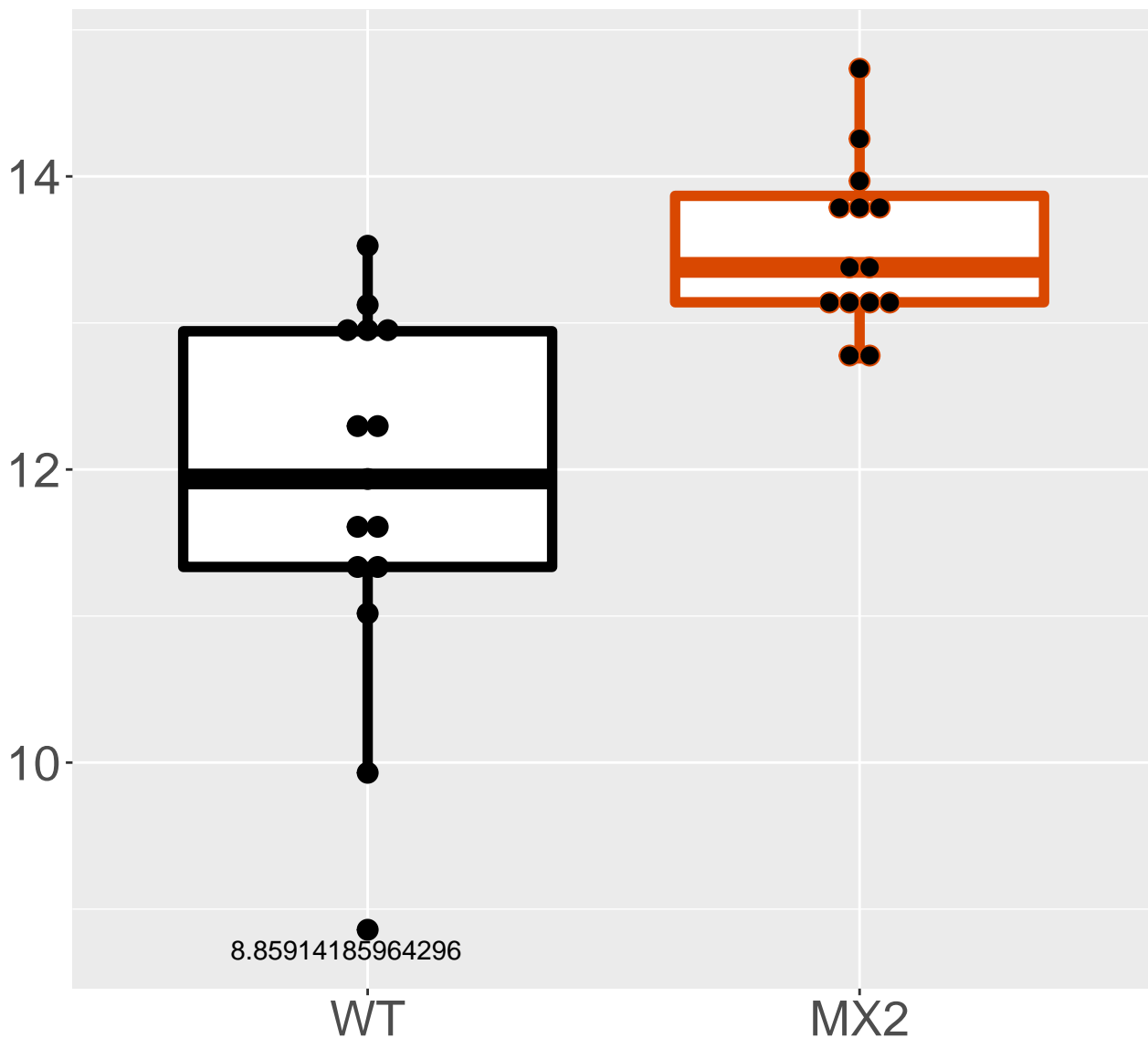
M828.2607T4.99
FDR = 0.0071, FC = 1.3

M710.3678T4.99
FDR = 0.0071, FC = 1.2

13.0932529079739

M828.0934T4.99
FDR = 0.0087, FC = 1.2

13.9804463838499

13.8678300925178

WT   MX2
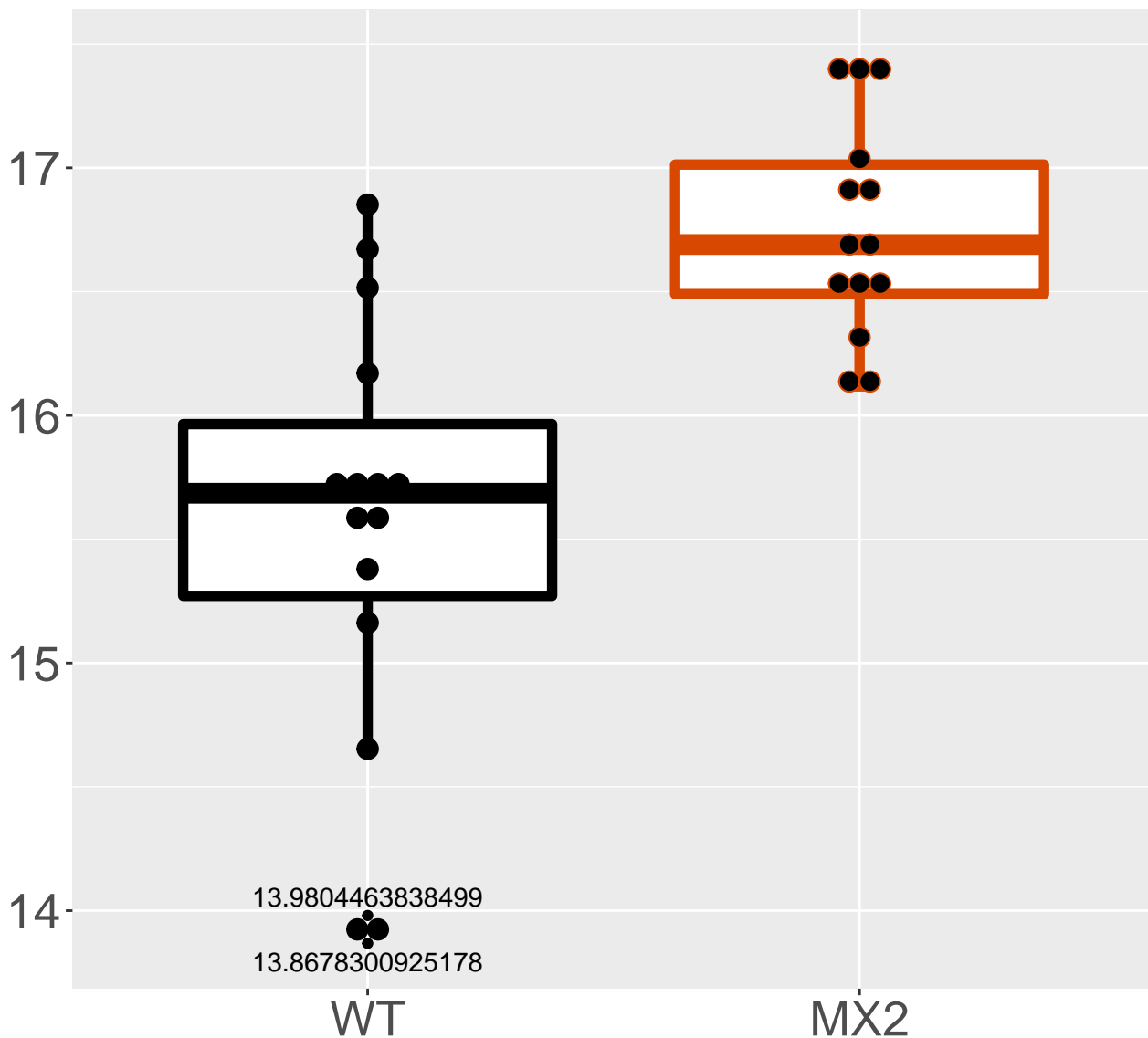
M440.6992T1.08
FDR = 0.01, FC = −1.9
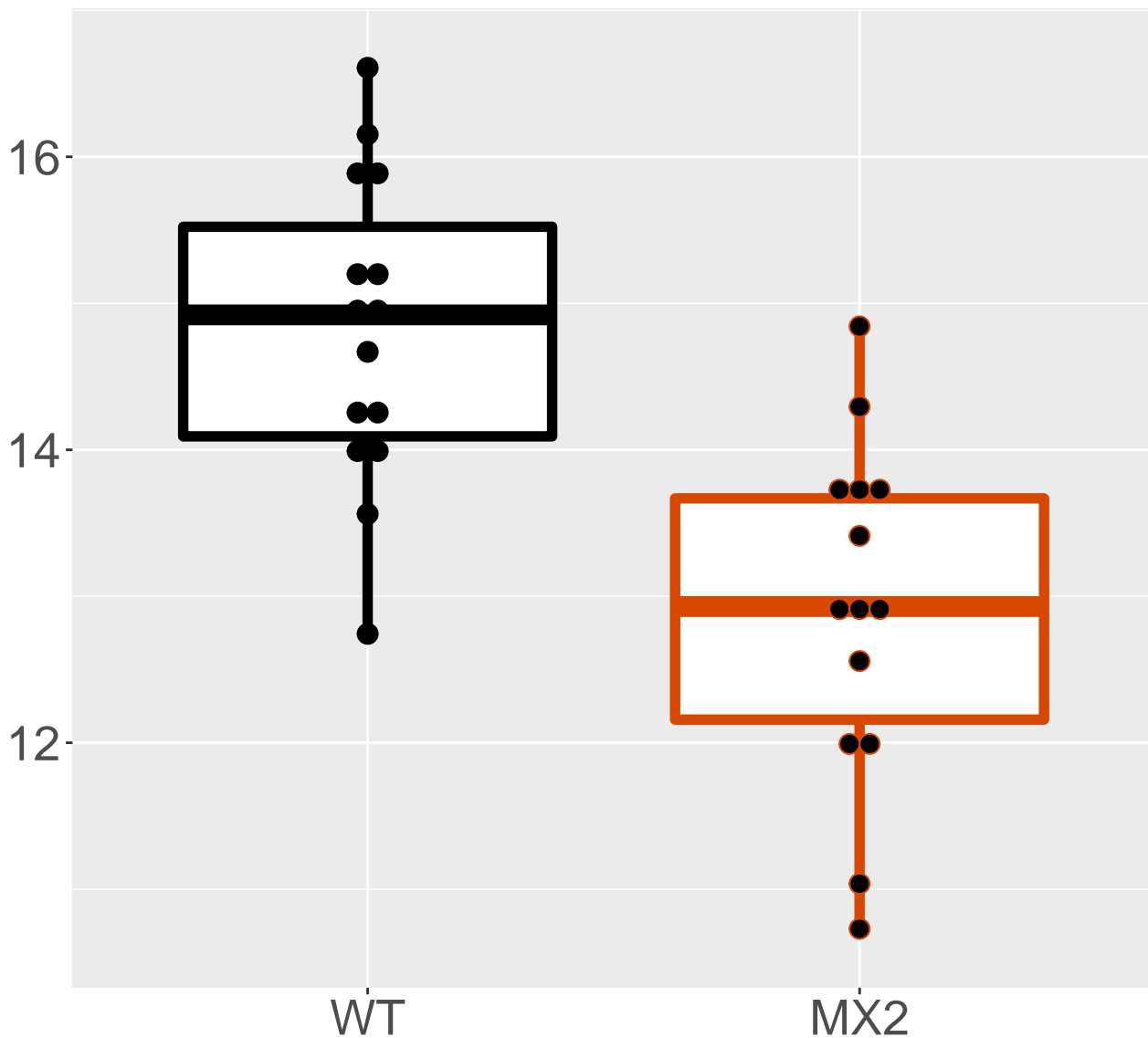
M717.7309T6.15
FDR = 0.011, FC = 1.7

10.8934498827512

9.43275656390469
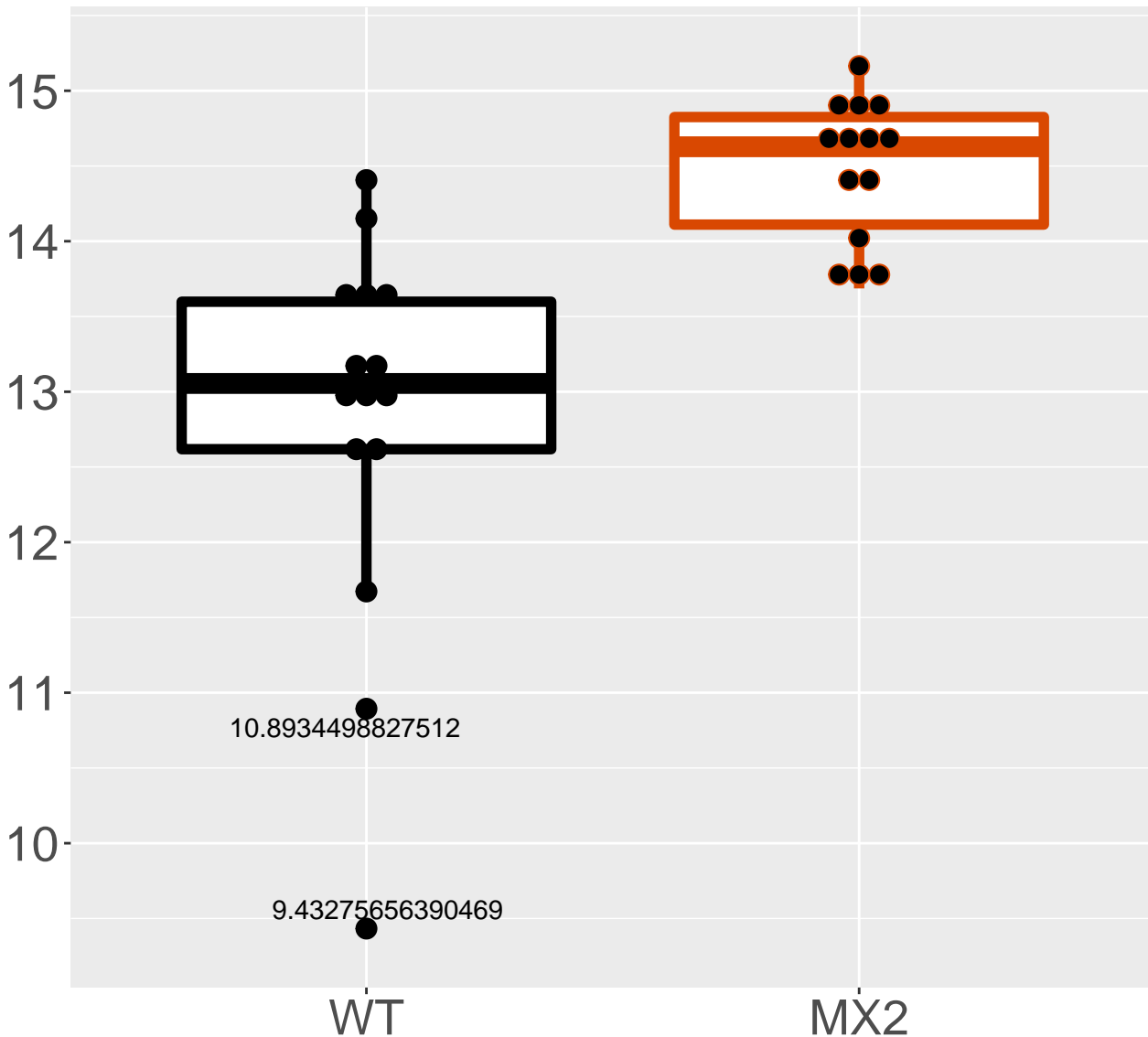
M617.2549T5.03
FDR = 0.011, FC = 0.8
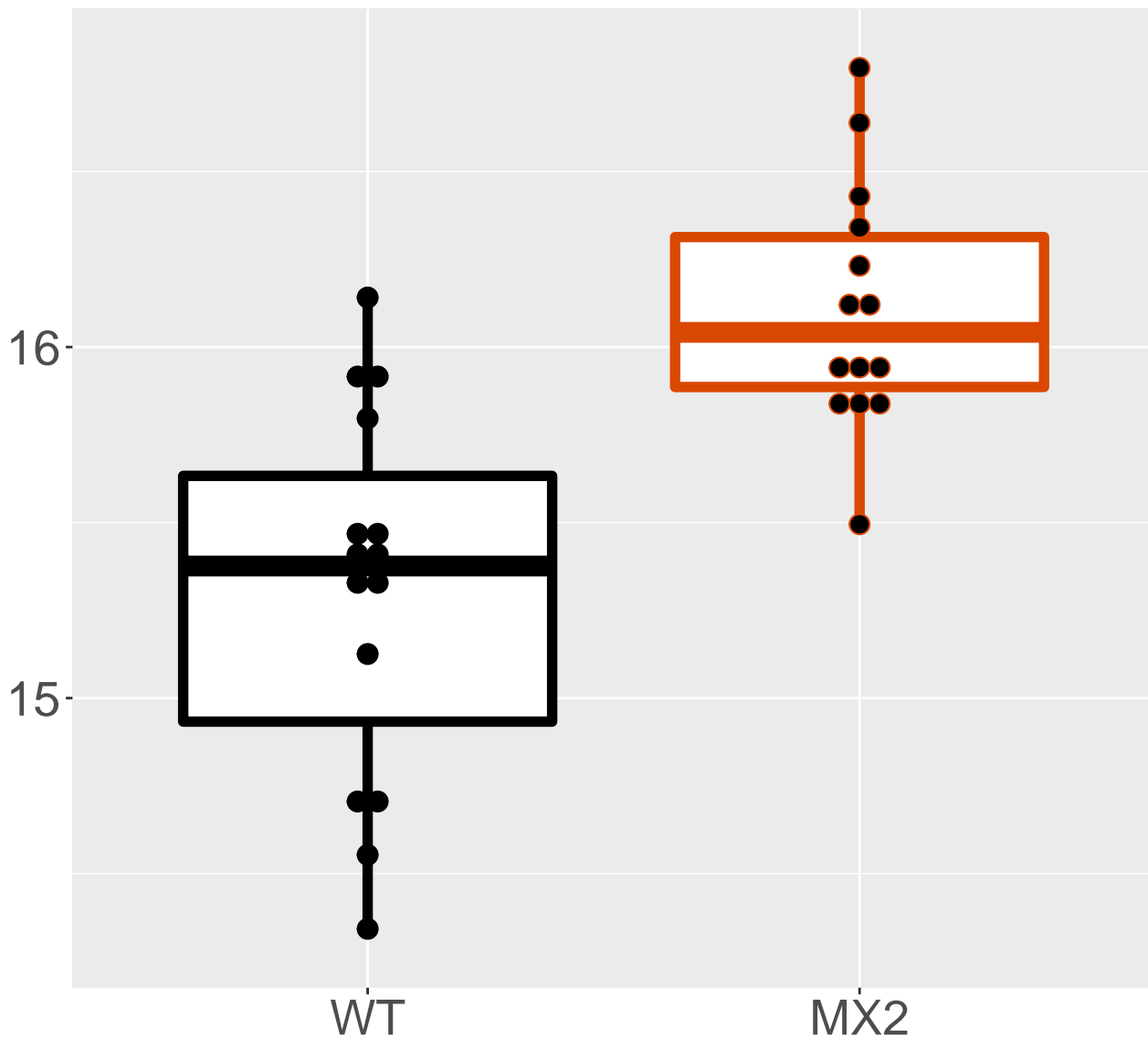
M717.9815T6.15
FDR = 0.013, FC = 1.8

WT — 8.18758500491476

WT   MX2
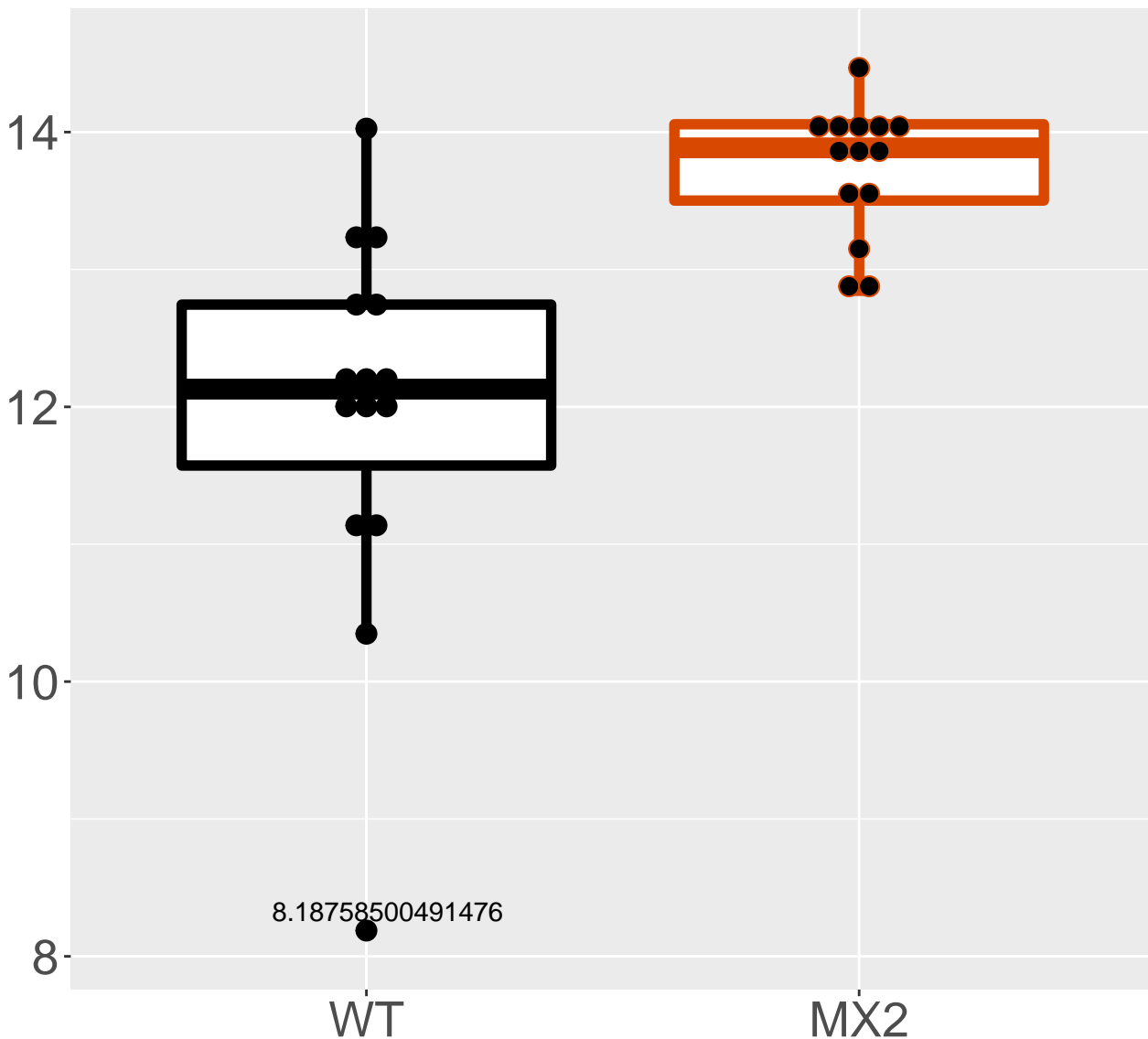
M217.1558T1.54
FDR = 0.013, FC = −0.91

M614.9278T4.47
FDR = 0.013, FC = −0.88, sex*

12.0179803449453
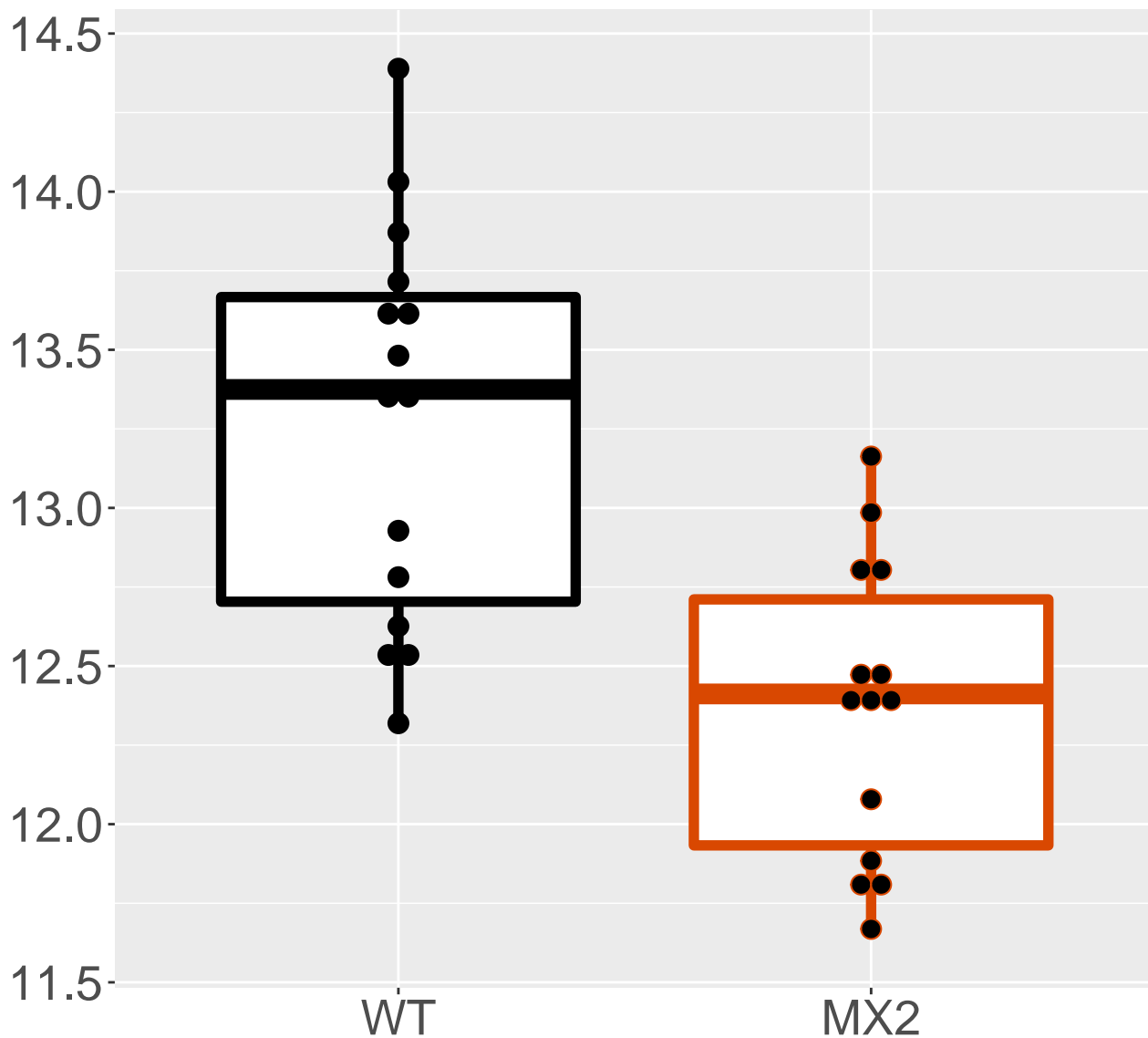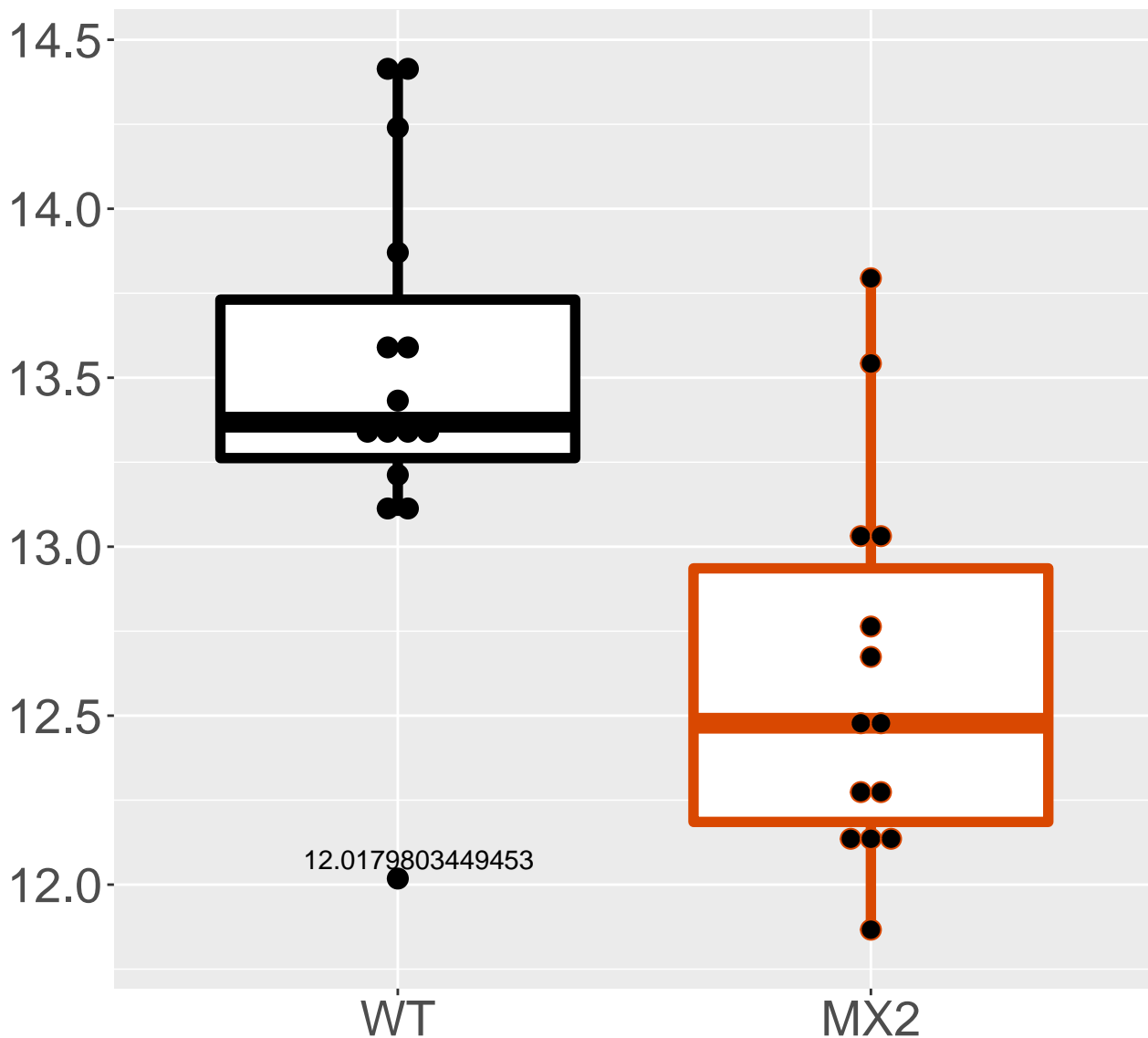
M566.6915T4.53
FDR = 0.013, FC = −0.9
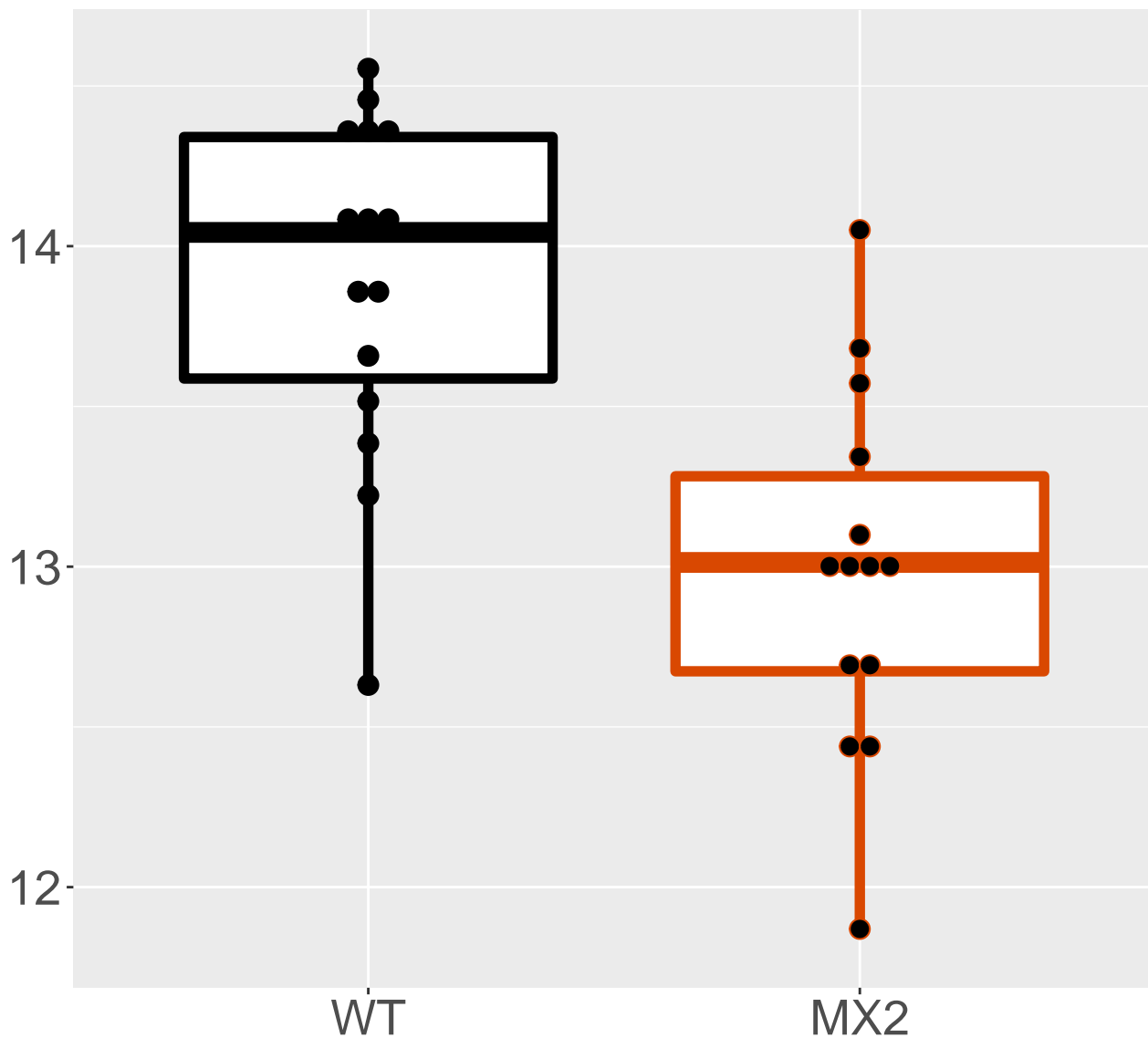
M820.2634T6.15
FDR = 0.014, FC = 1.9

M599.6176T5.03
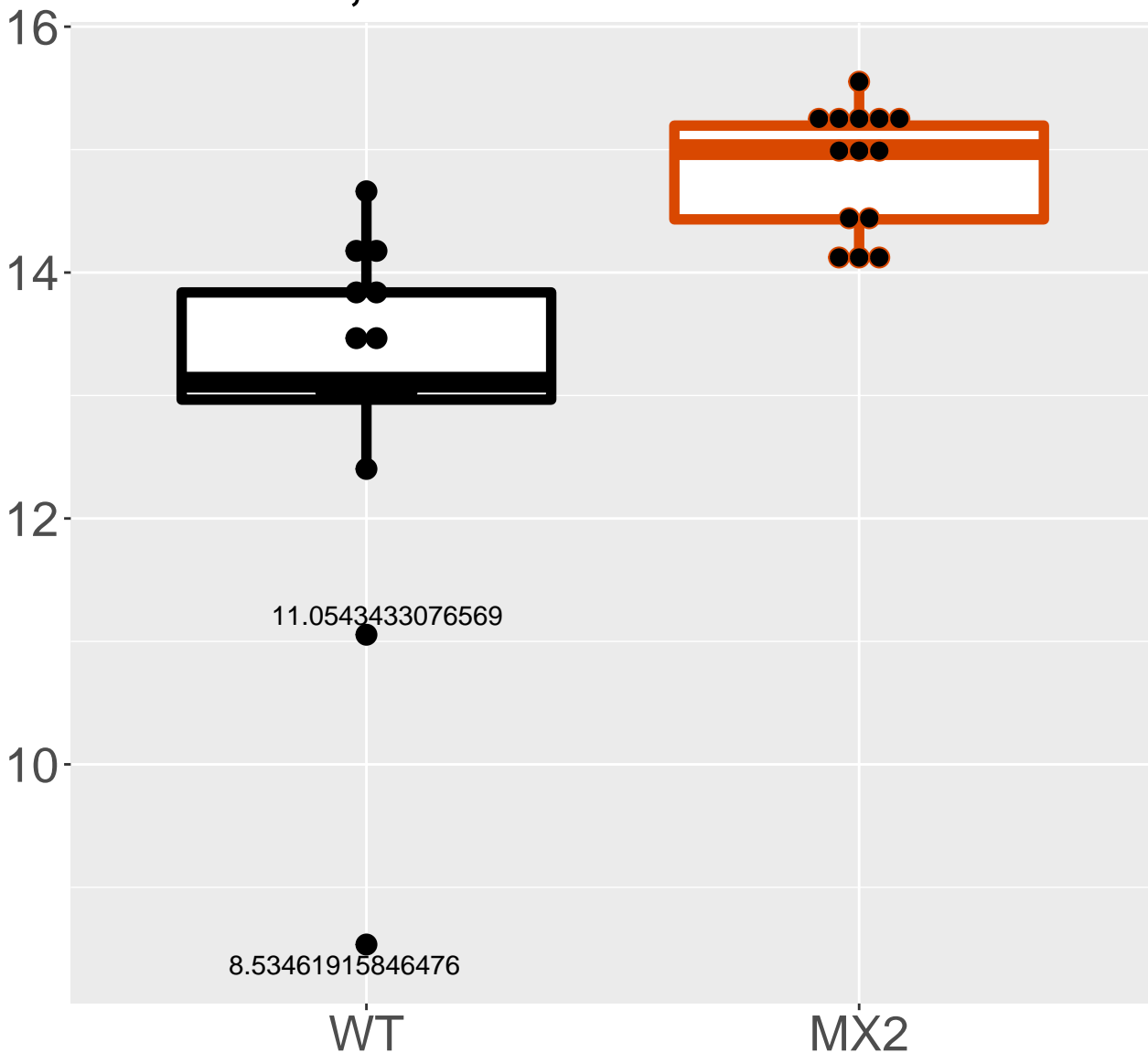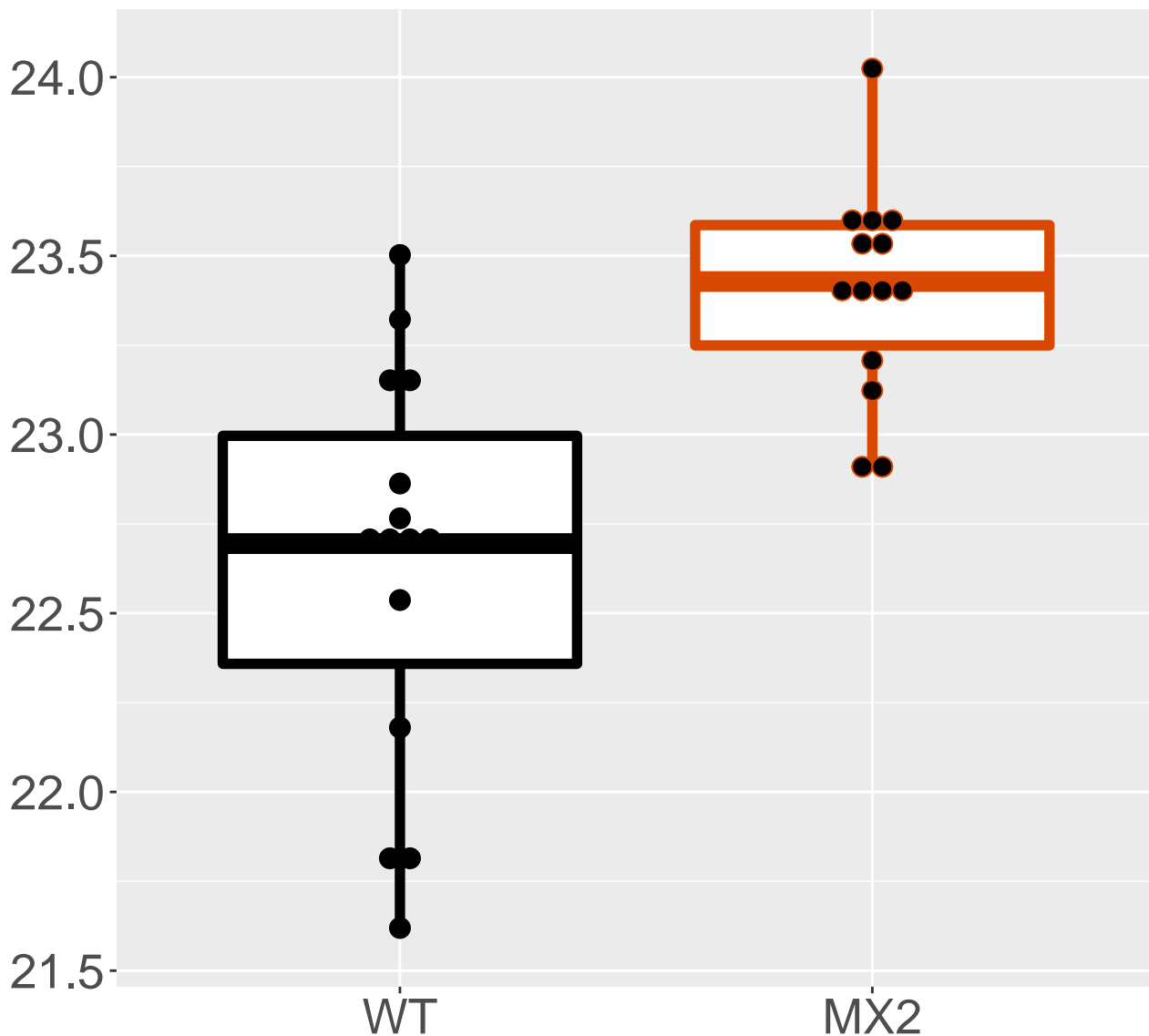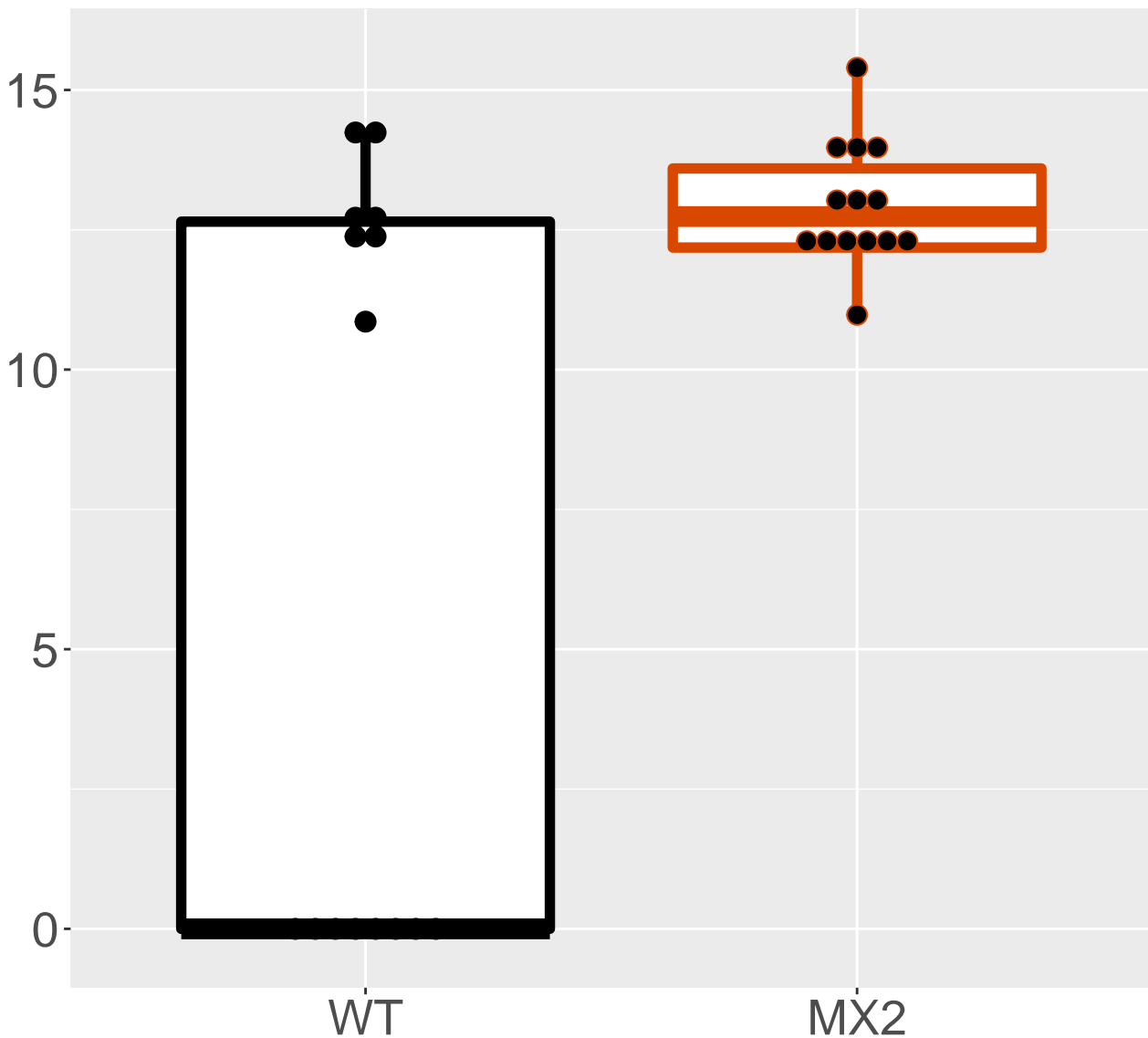**FDR = 0.014, FC = 0.77**

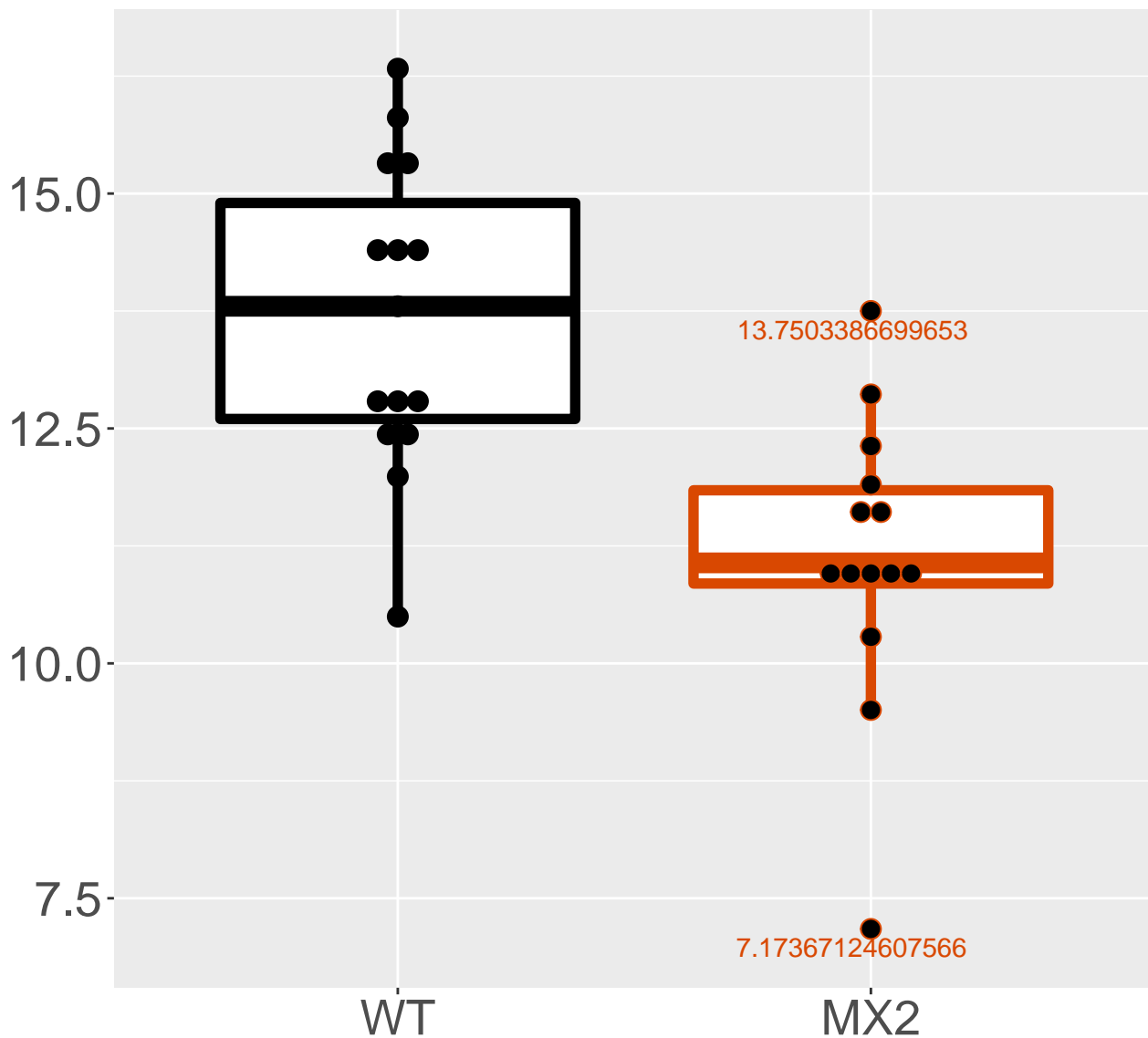**M338.0886T1.68**
FDR = 0.015, FC = 6.9

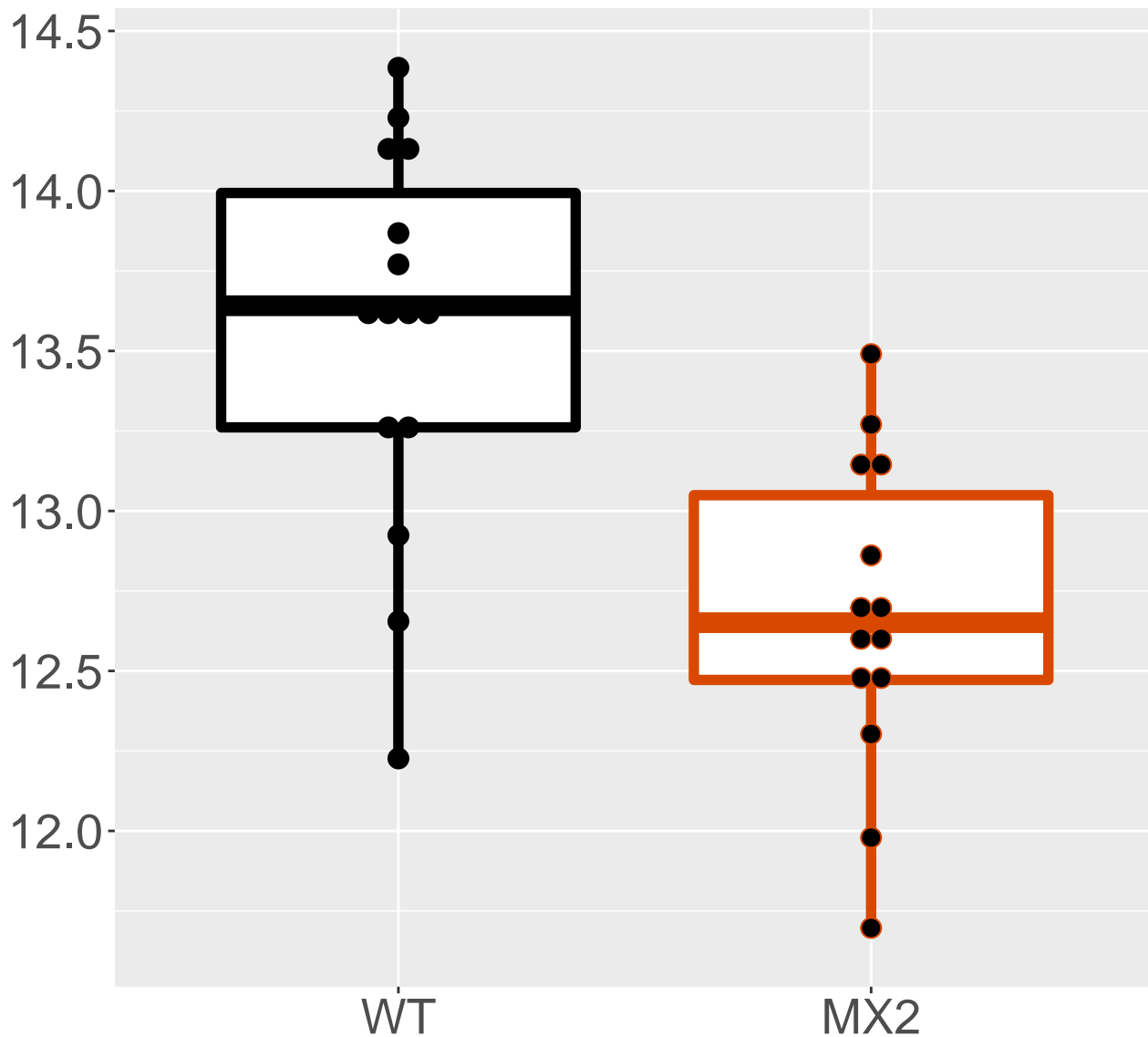**M527.0371T5.14**
FDR = 0.015, FC = −2.6

13.7503386699653

7.17367124607566

WT   MX2

M956.4724T6.15
FDR = 0.015, FC = 1.9

8.42379077369272
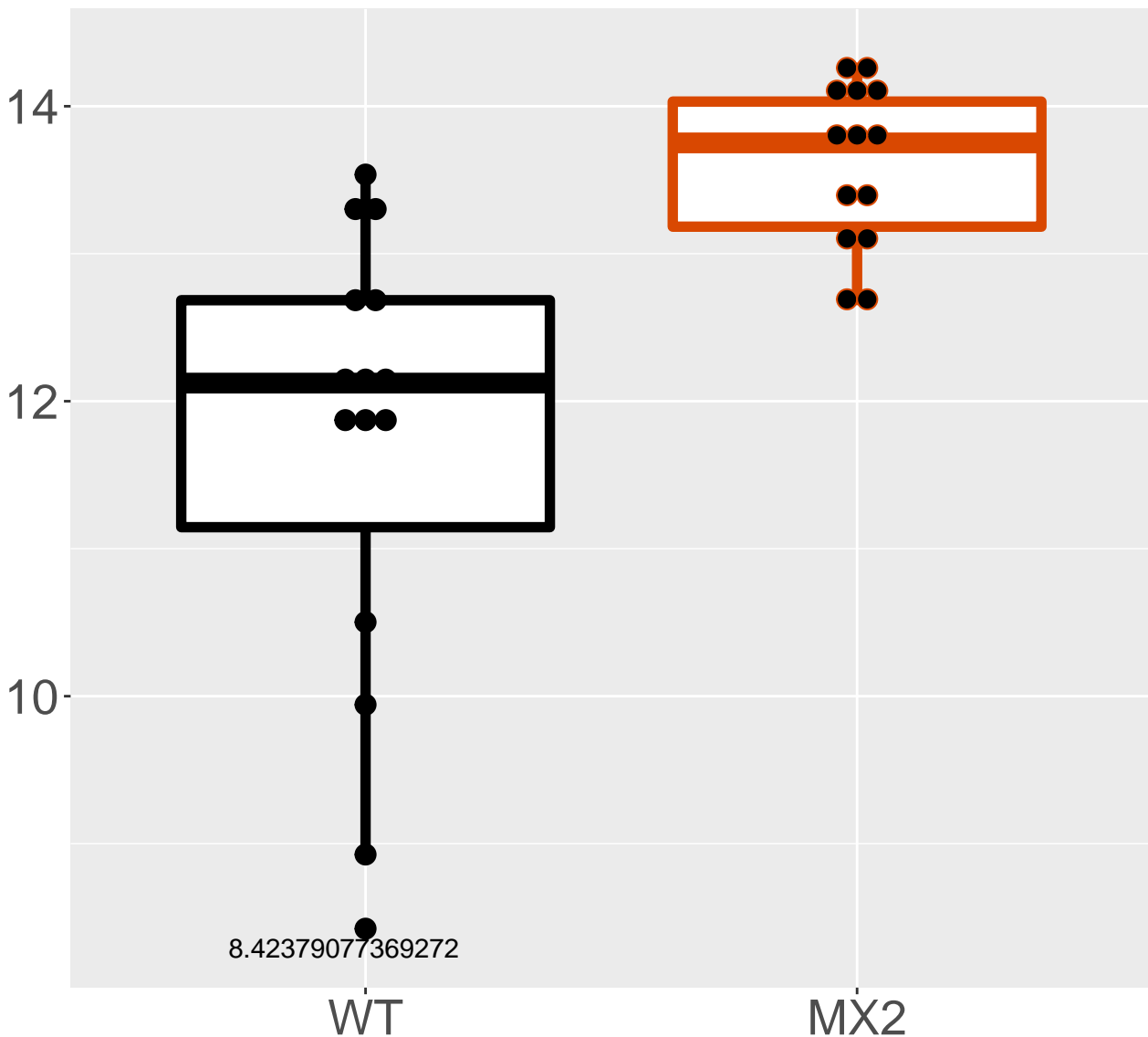
M708.3632T4.52
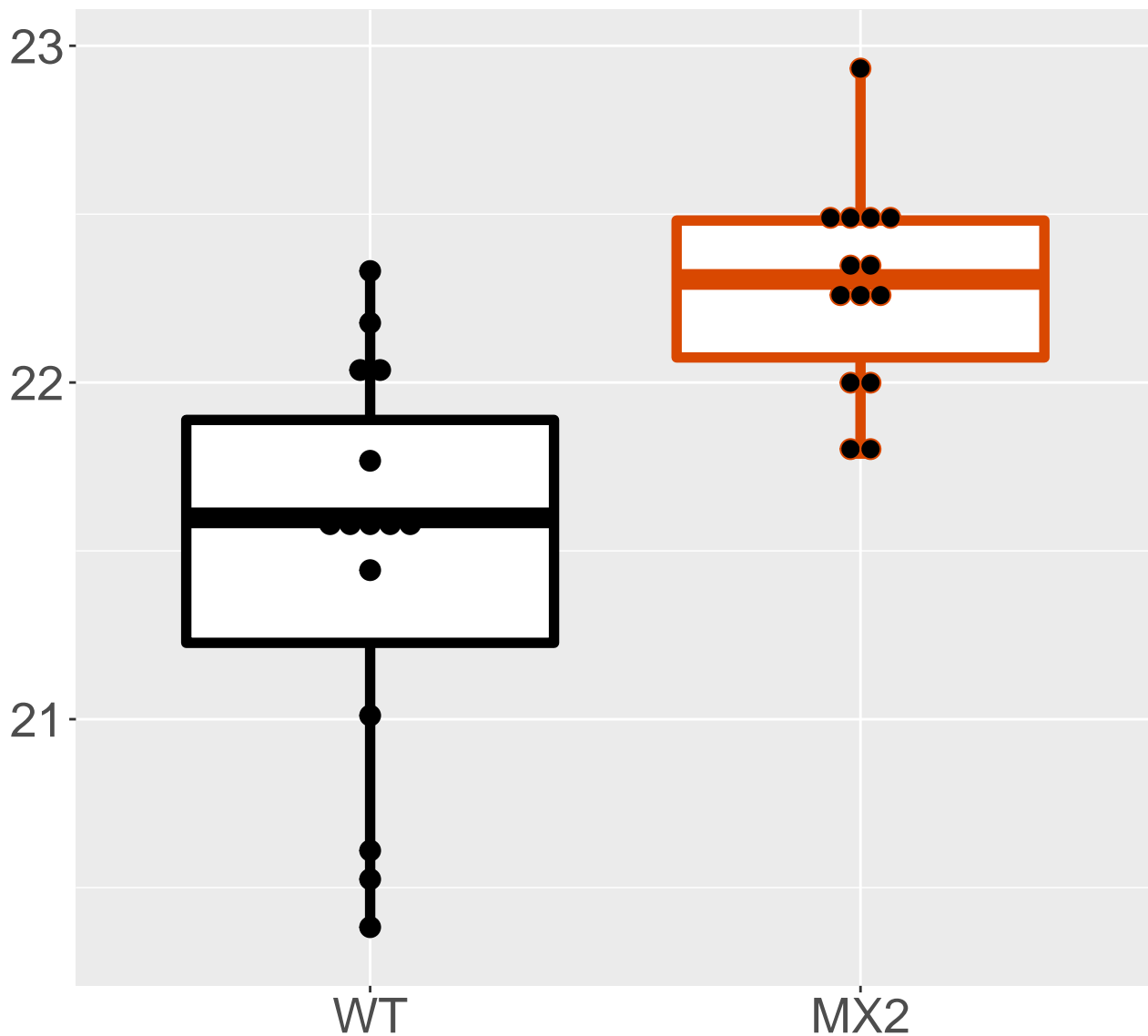**FDR = 0.015, FC = −0.88**

M898.9224T5.03
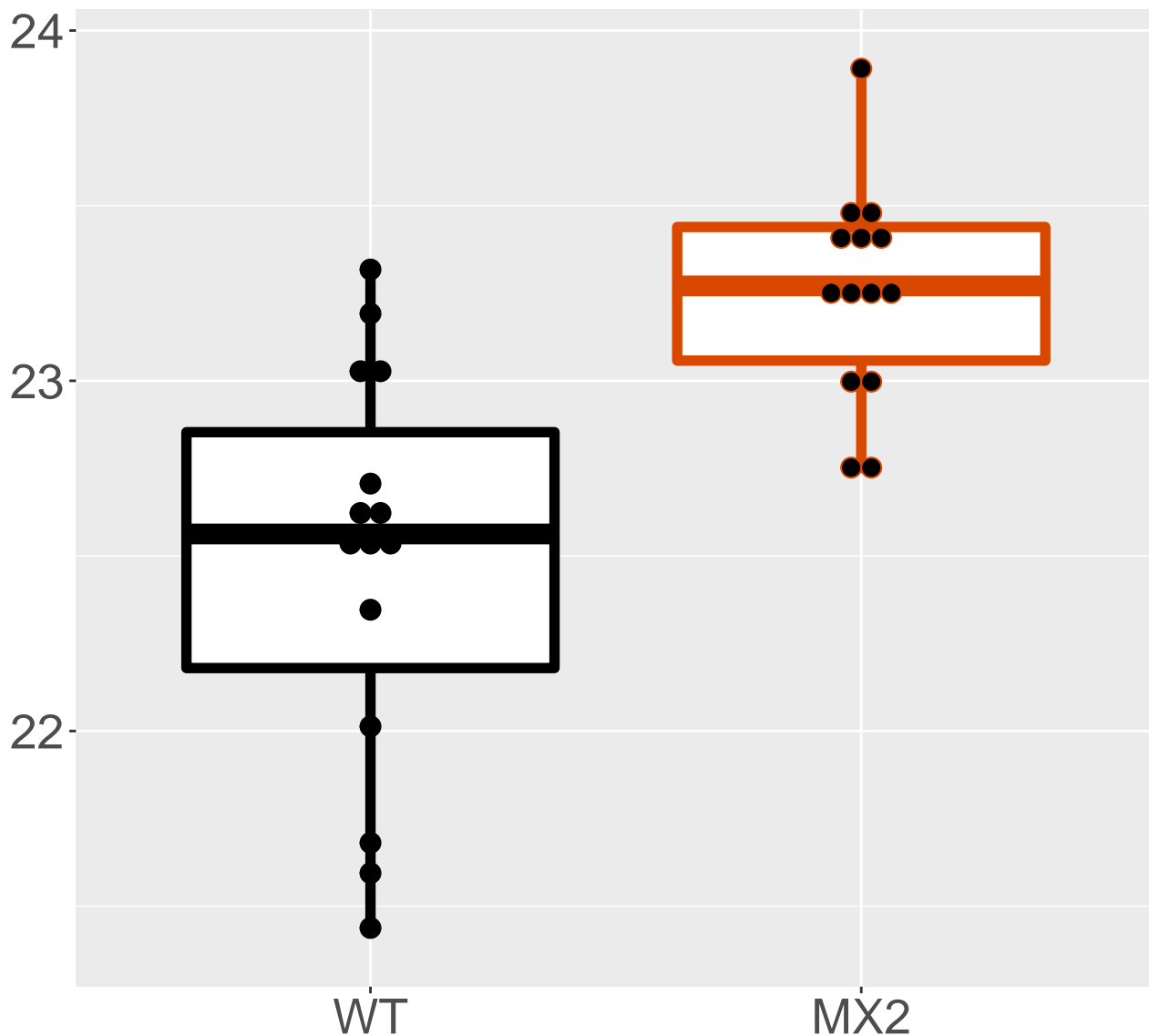**FDR = 0.015, FC = 0.87**
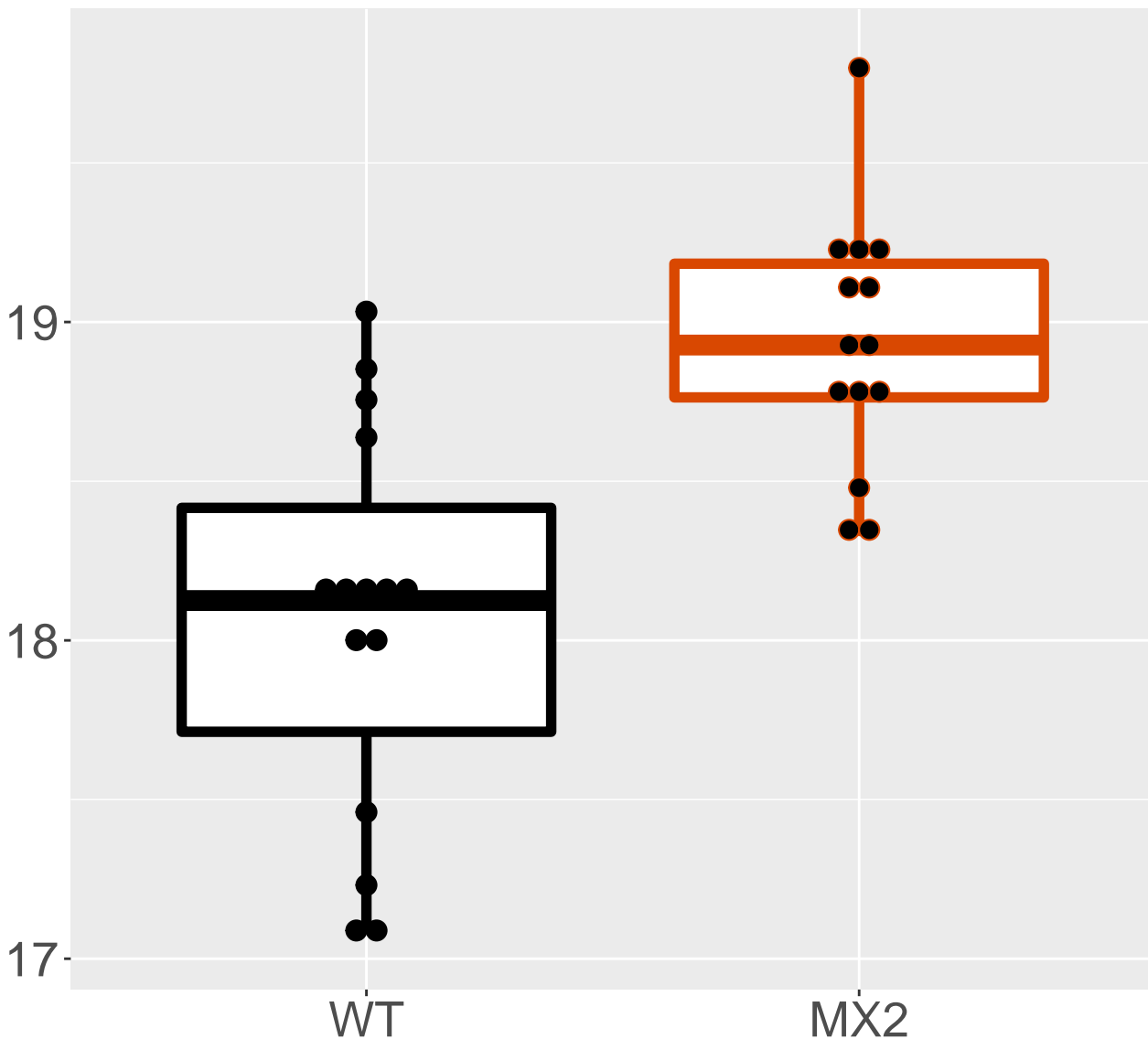
M600.2858T5.03
FDR = 0.015, FC = 0.81

M599.9517T5.03
FDR = 0.015, FC = 0.78

M956.6392T6.15
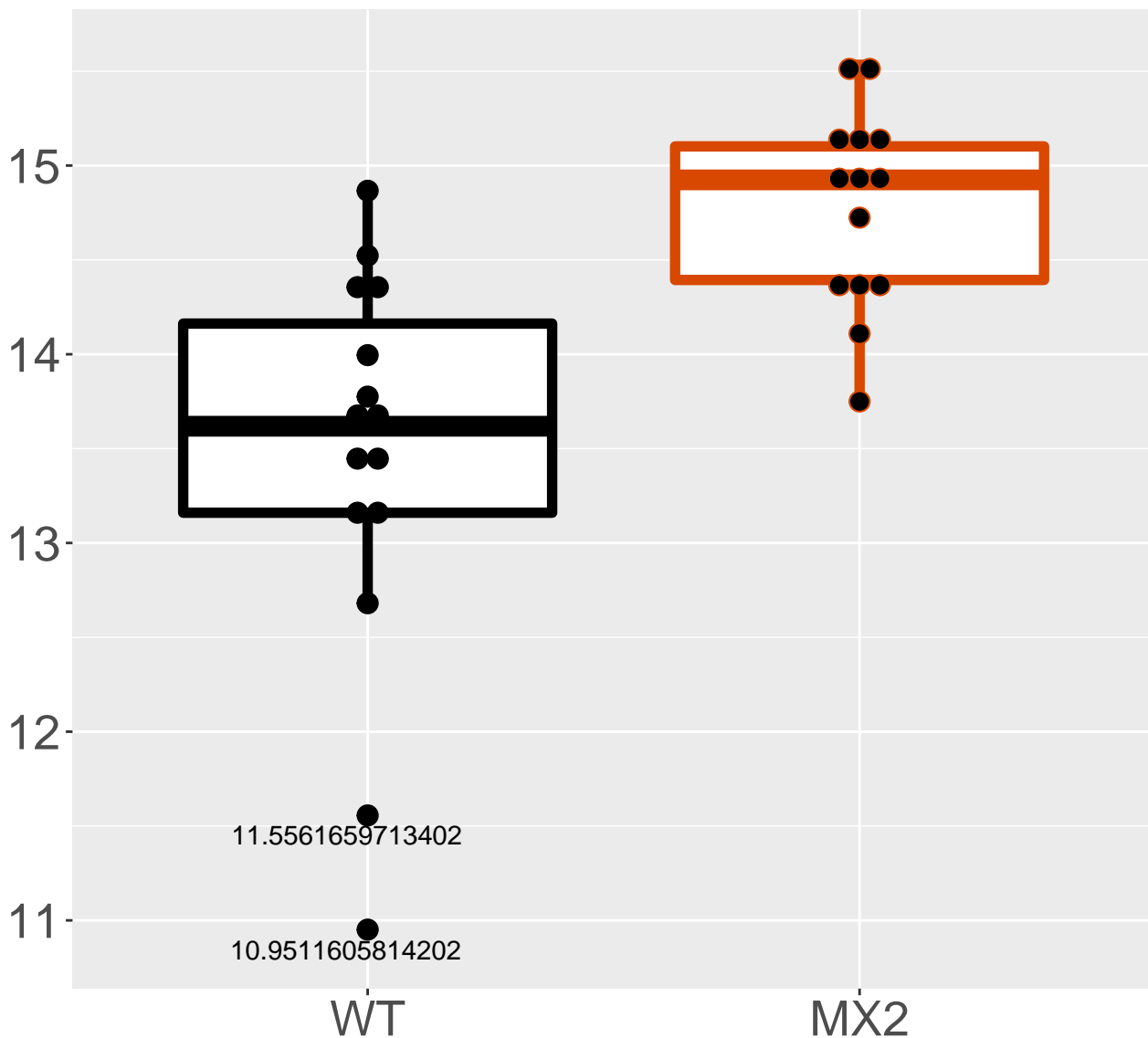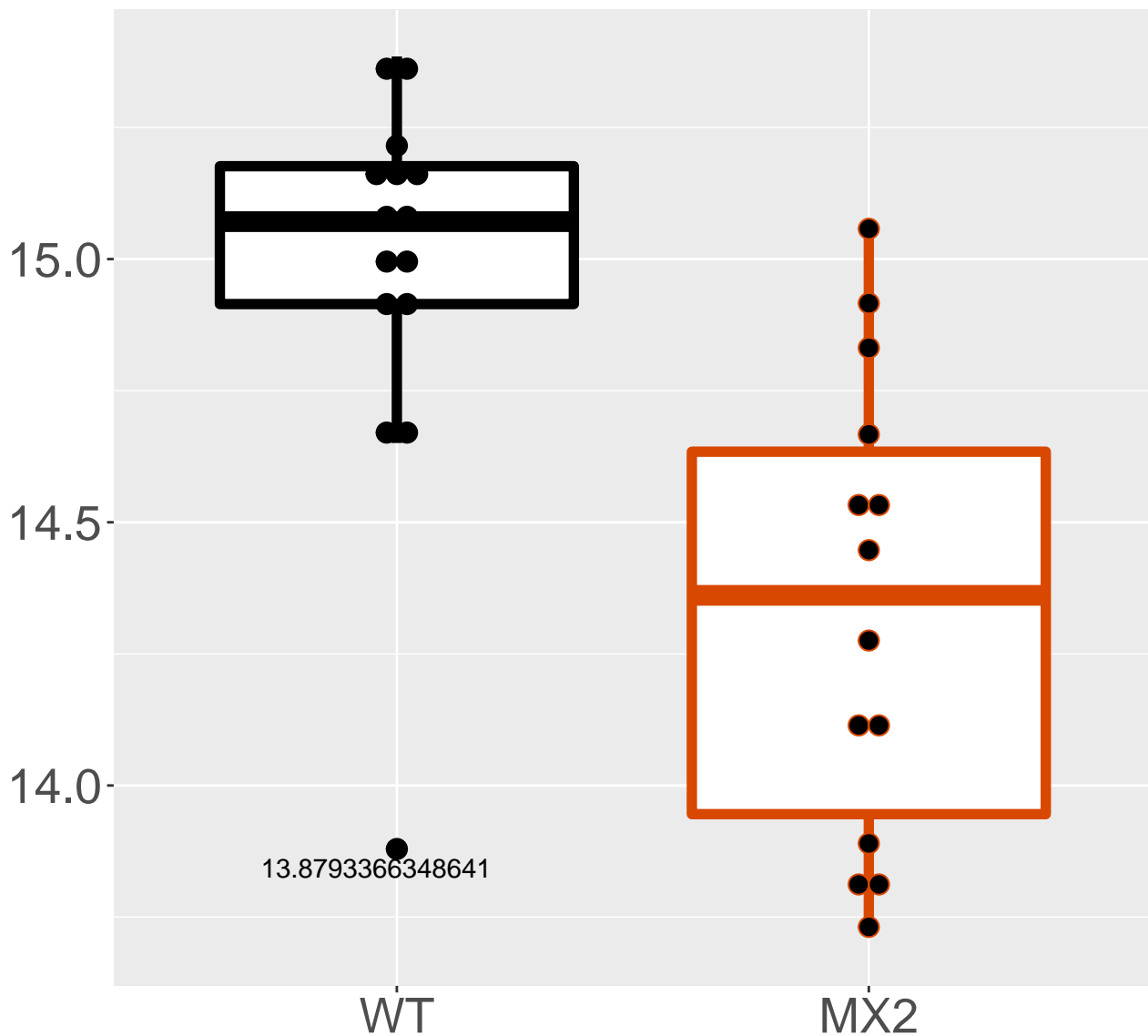**FDR = 0.015, FC = 1.9**

9.28132766309014

7.92920111164818

WT   MX2
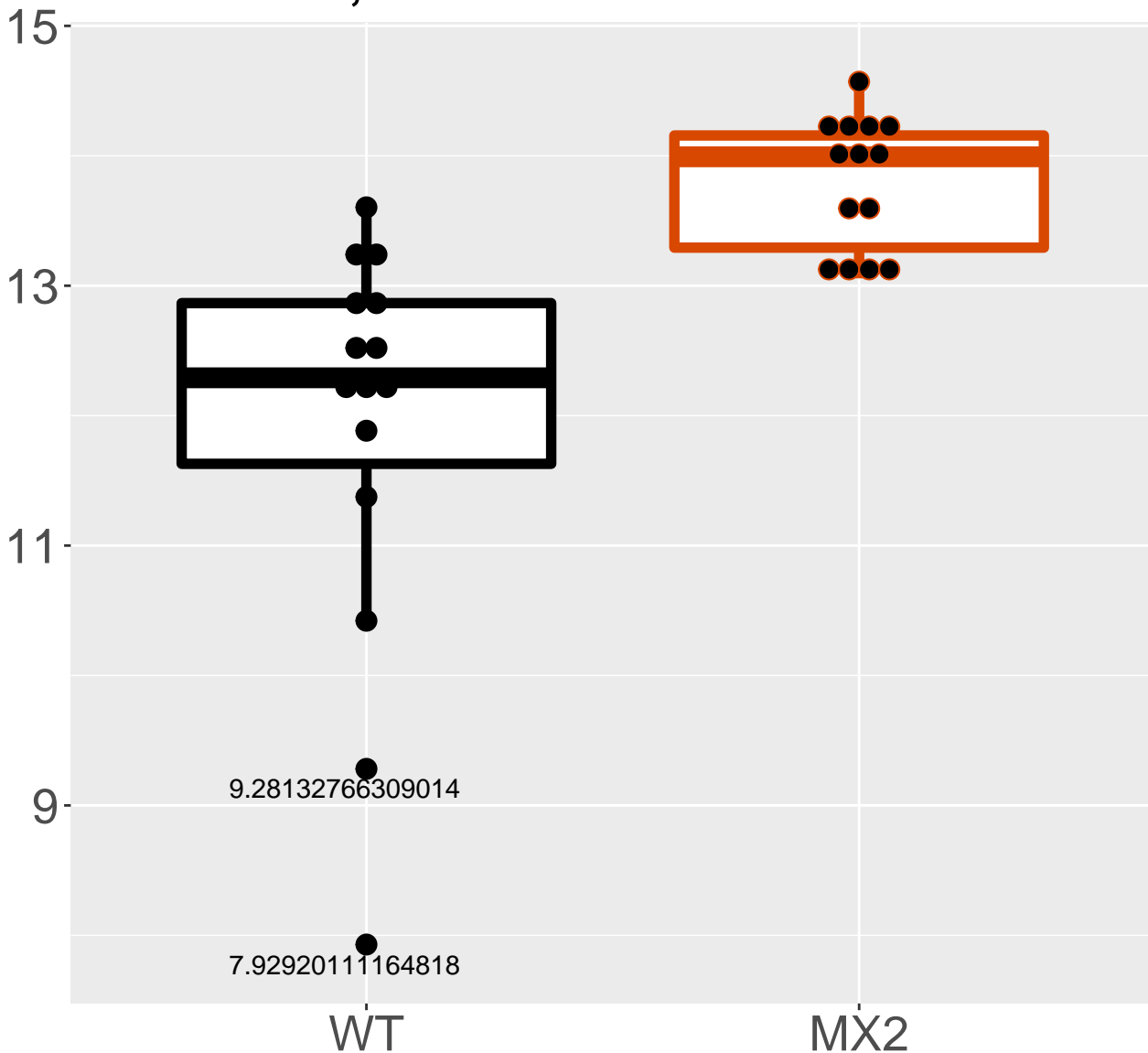
M827.7596T4.98
FDR = 0.015, FC = 1.3

11.5561659713402
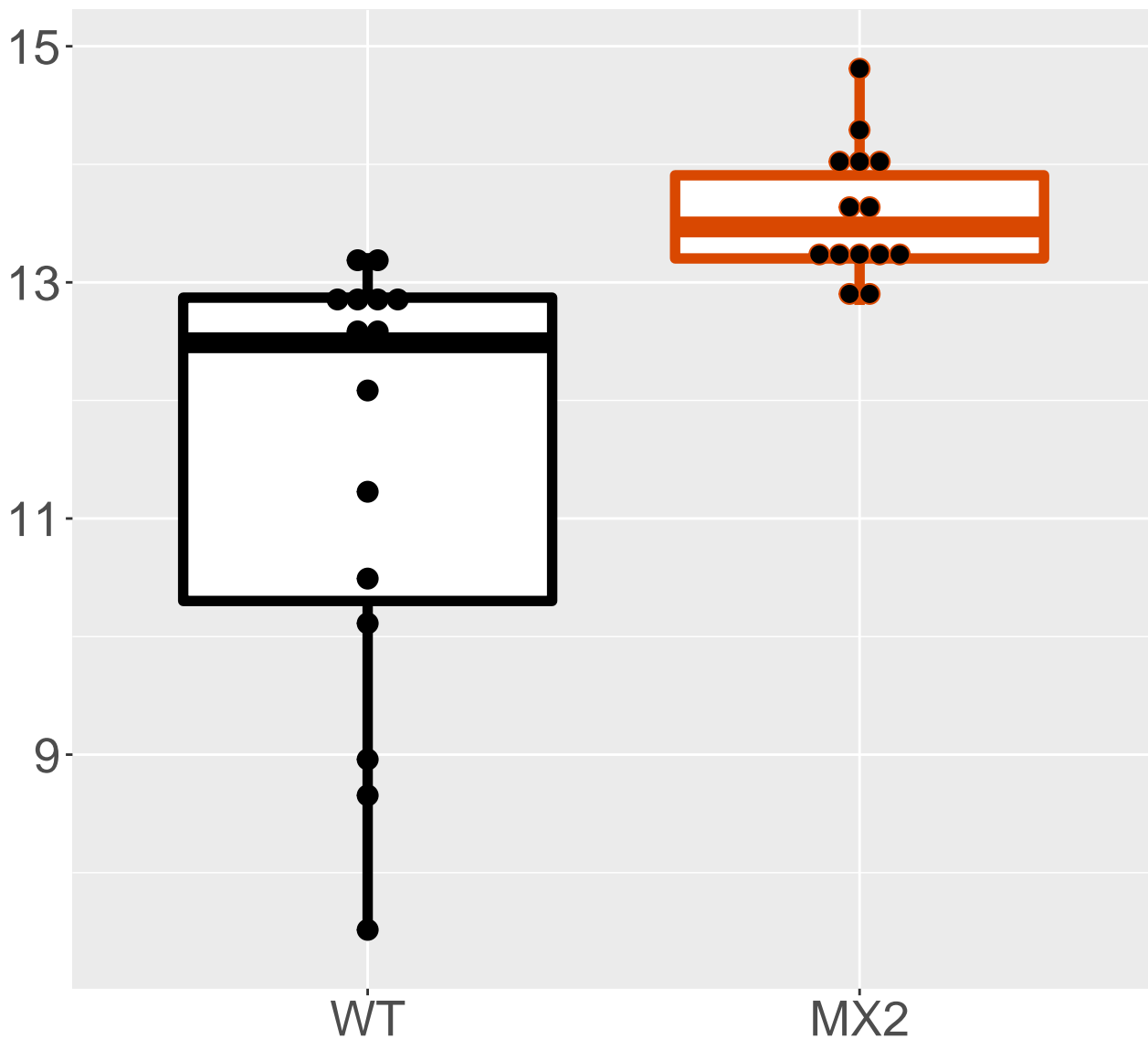
10.9511605814202

WT   MX2

M467.7432T4.74
FDR = 0.015, FC = −0.64

13.8793366348641

M846.7003T6.19
FDR = 0.019, FC = 2.1

M561.7894T4.55
FDR = 0.019, FC = −0.76, sex*

12.0356893083458
12.0071994475221
11.7101551125833
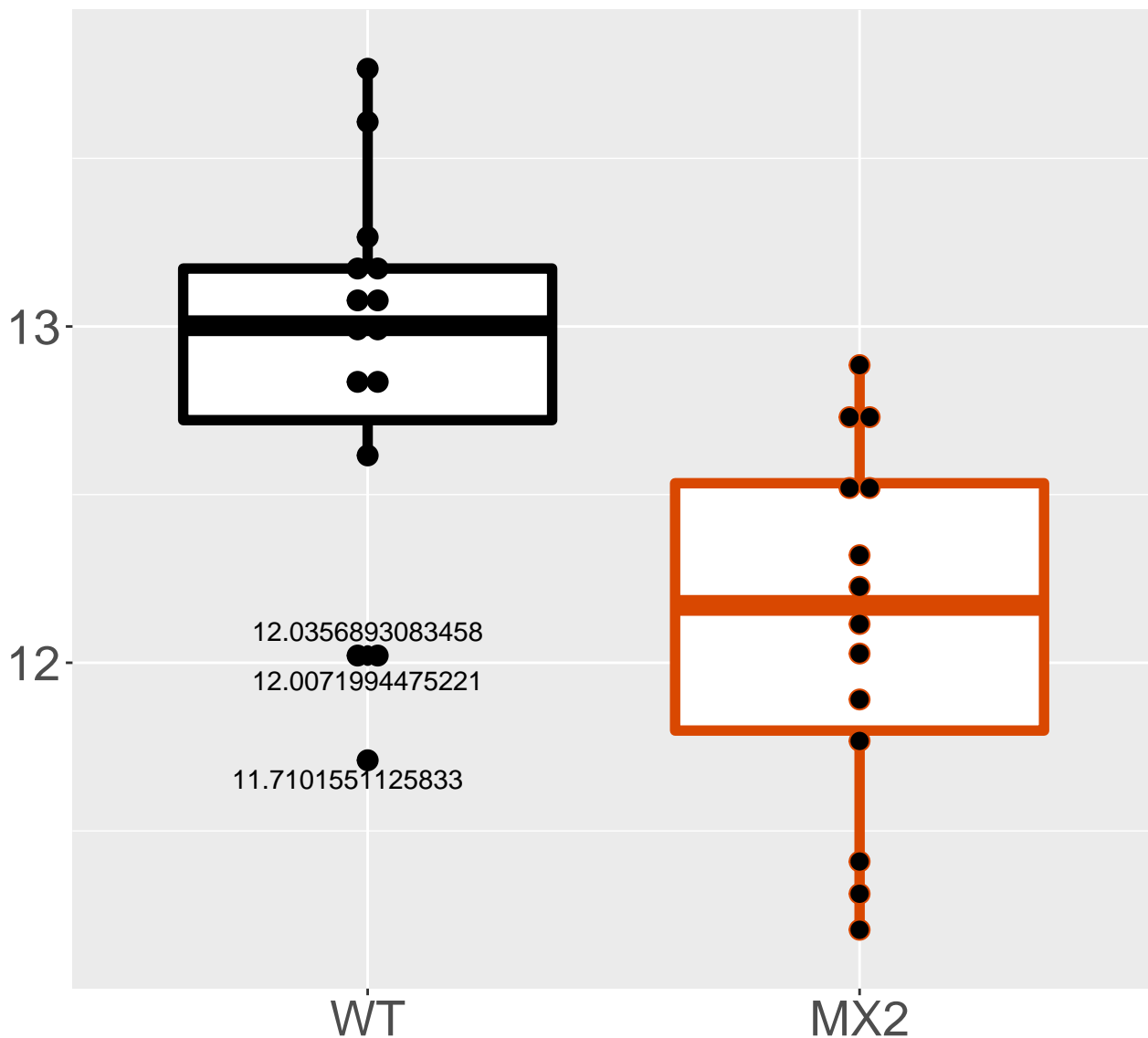
M527.2877T5.14
FDR = 0.019, FC = −2.4
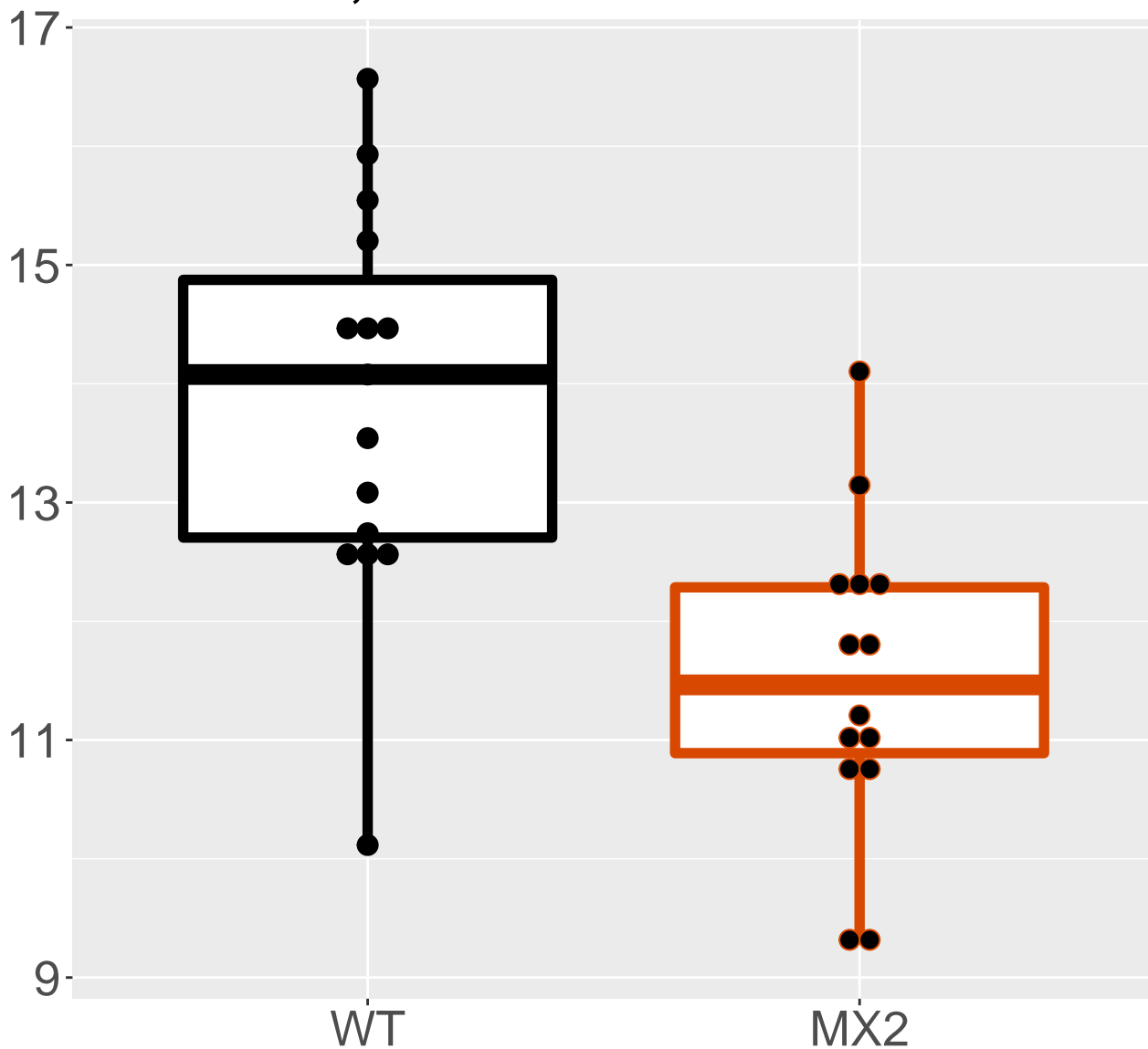
M740.8637T6.19
FDR = 0.019, FC = 2

14.3451157635828

11.5661970986454

7.21231463421577

WT   MX2
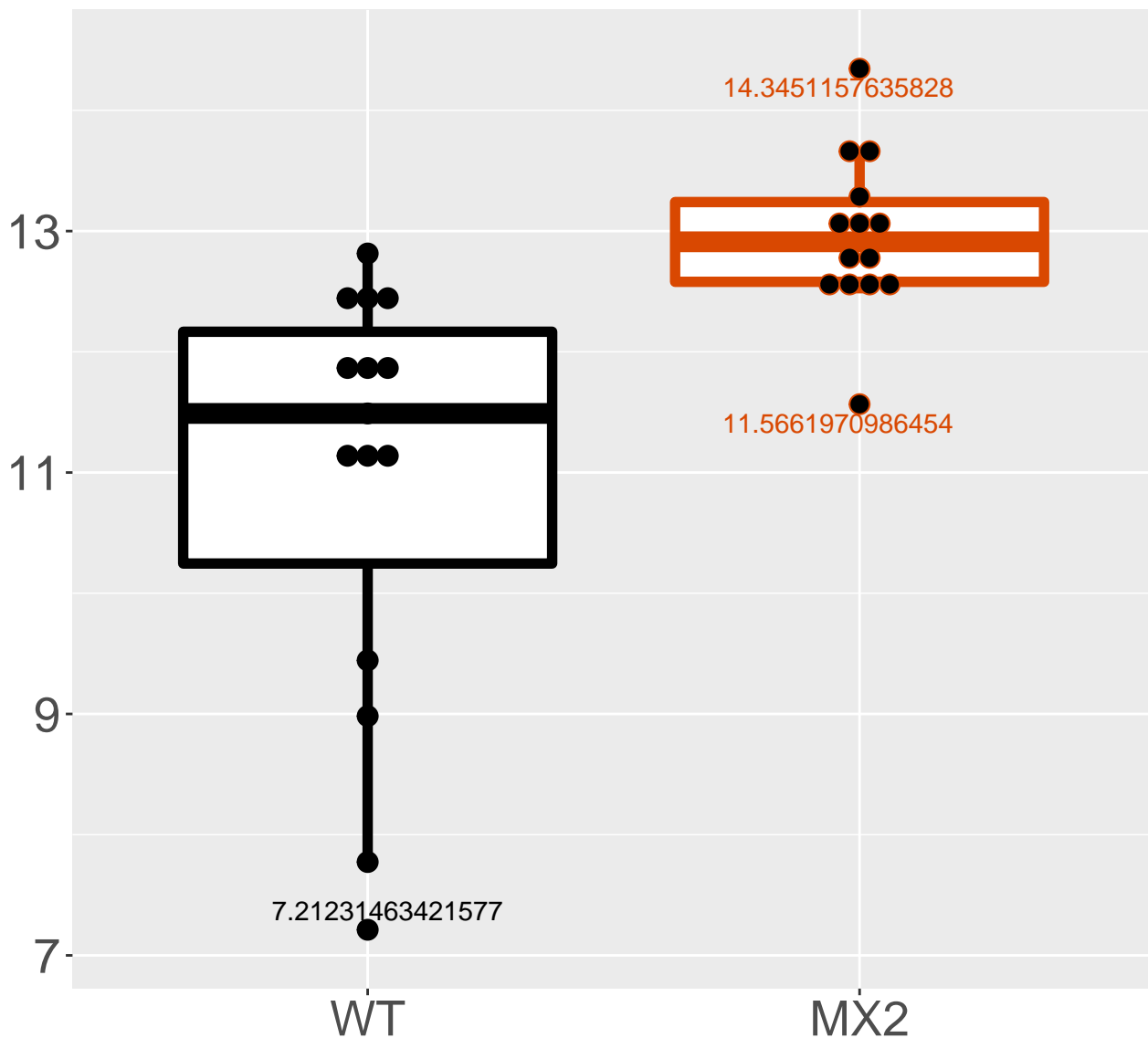
M846.5578T6.19
FDR = 0.019, FC = 1.9
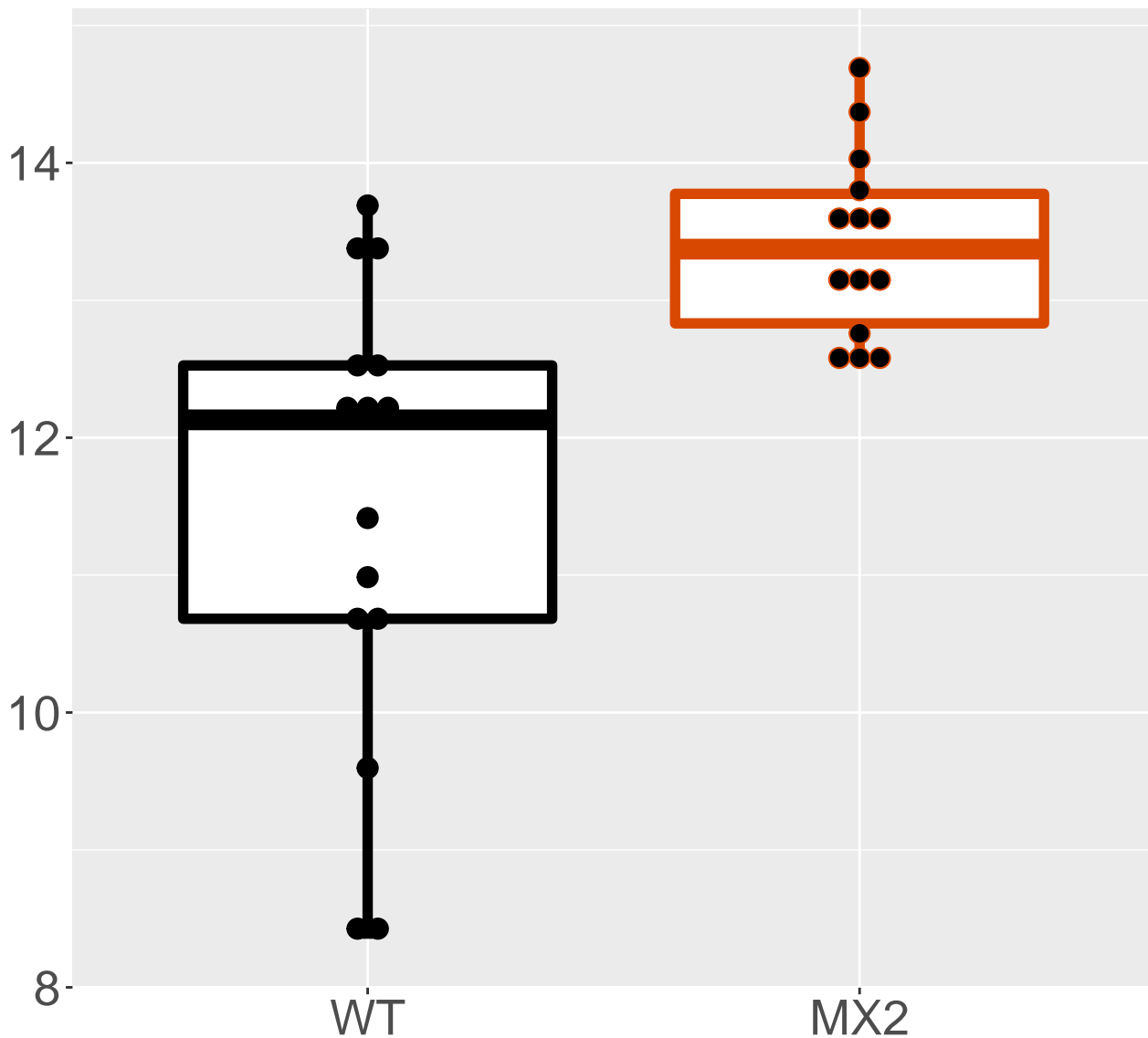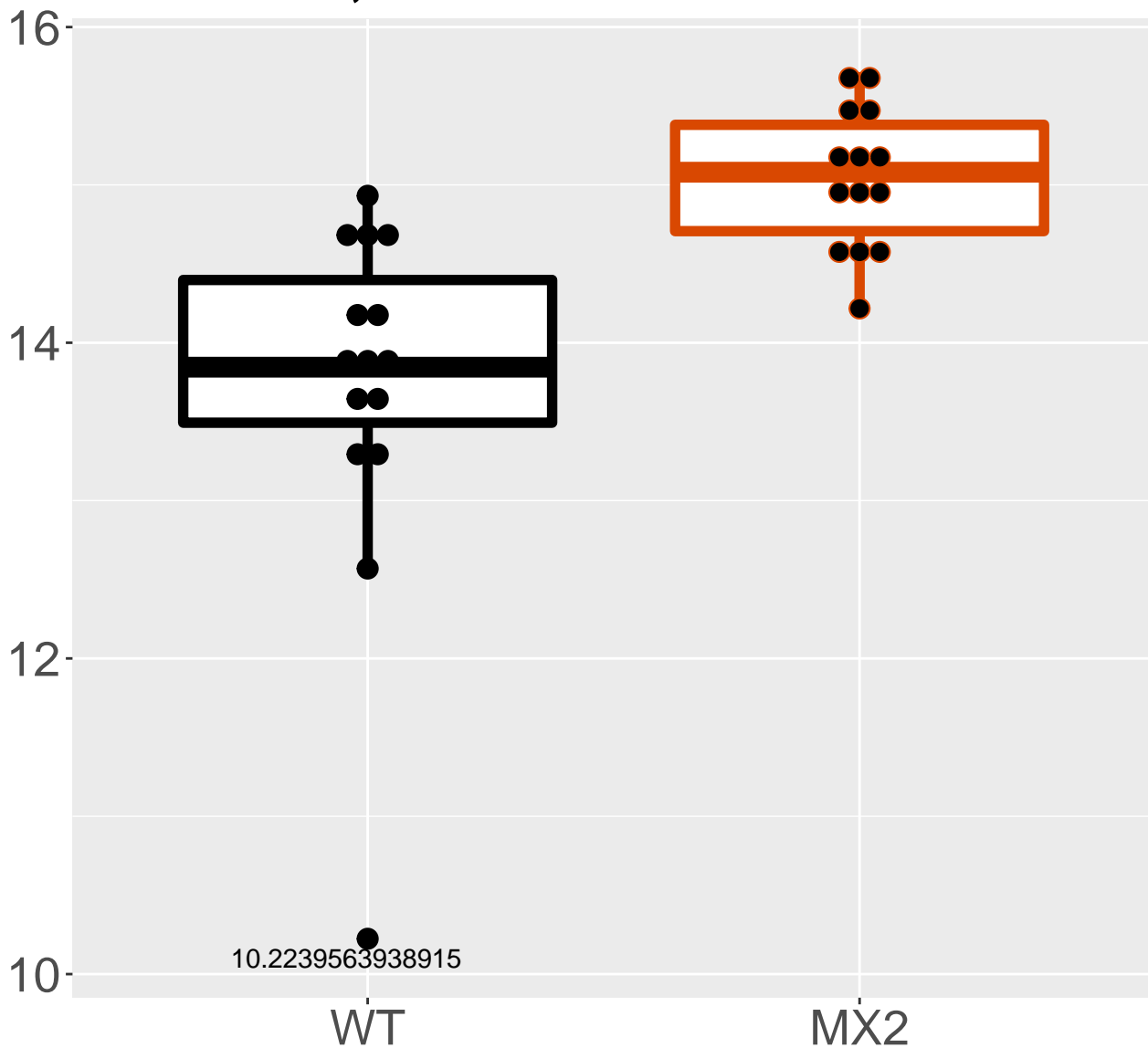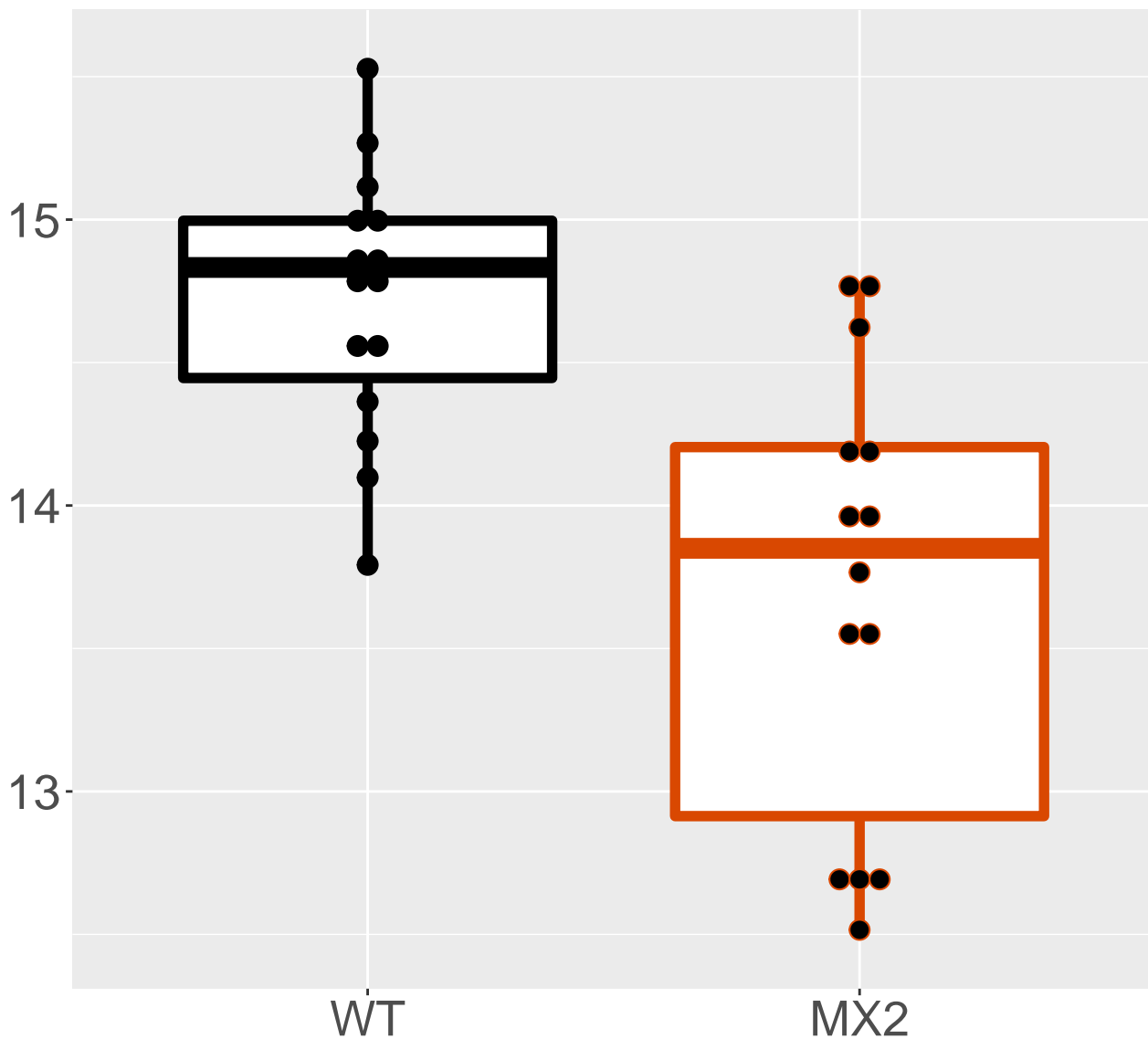
M710.5109T4.98
FDR = 0.019, FC = 1.3

M580.9572T5.03
FDR = 0.019, FC = −1
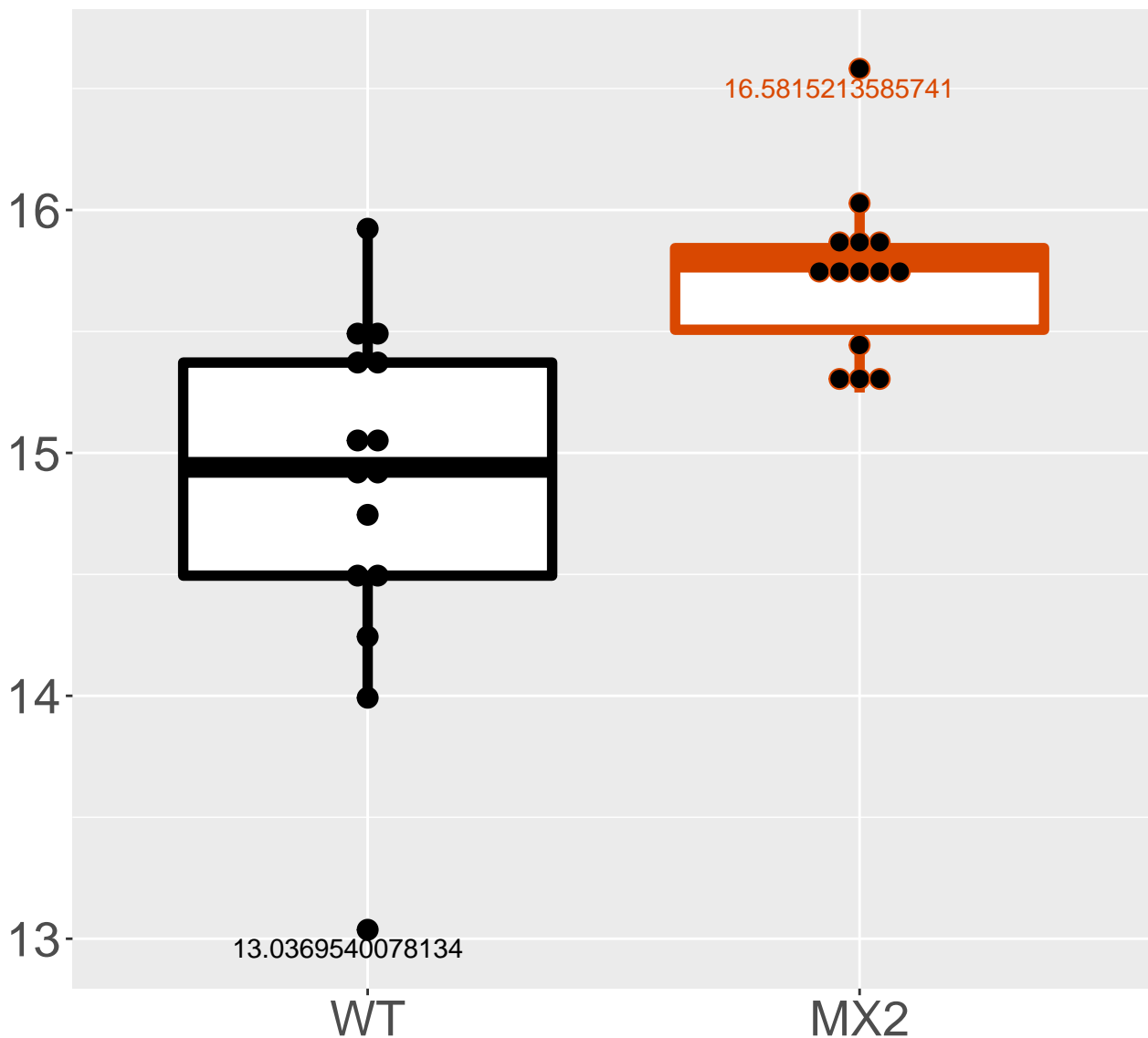
M708.6137T4.52
FDR = 0.019, FC = −0.9

WT: 11.8312317286945

MX2: 11.0439594654678
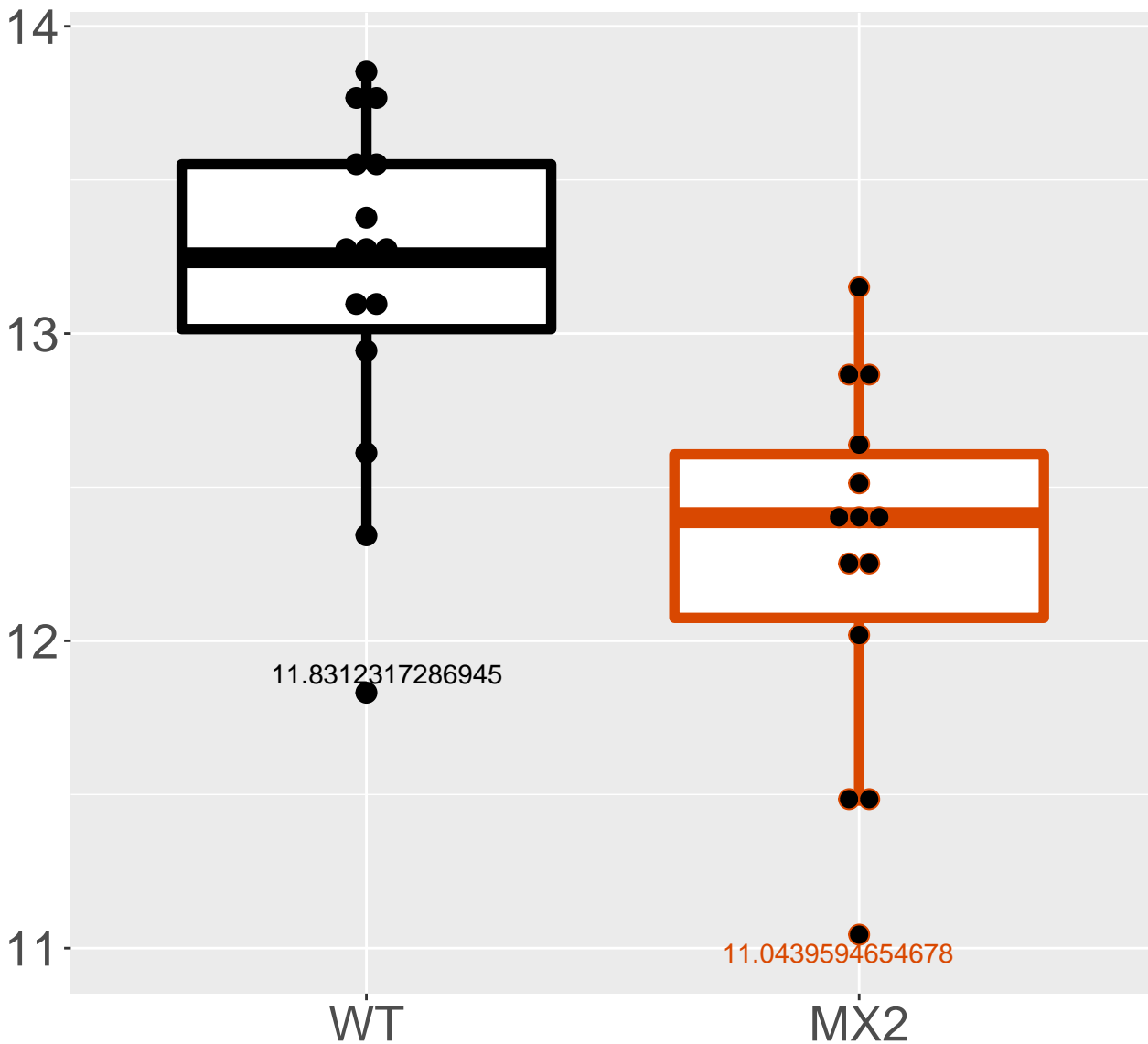
M455.9542T5.04
FDR = 0.02, FC = 0.9

16.5815213585741

13.0369540078134

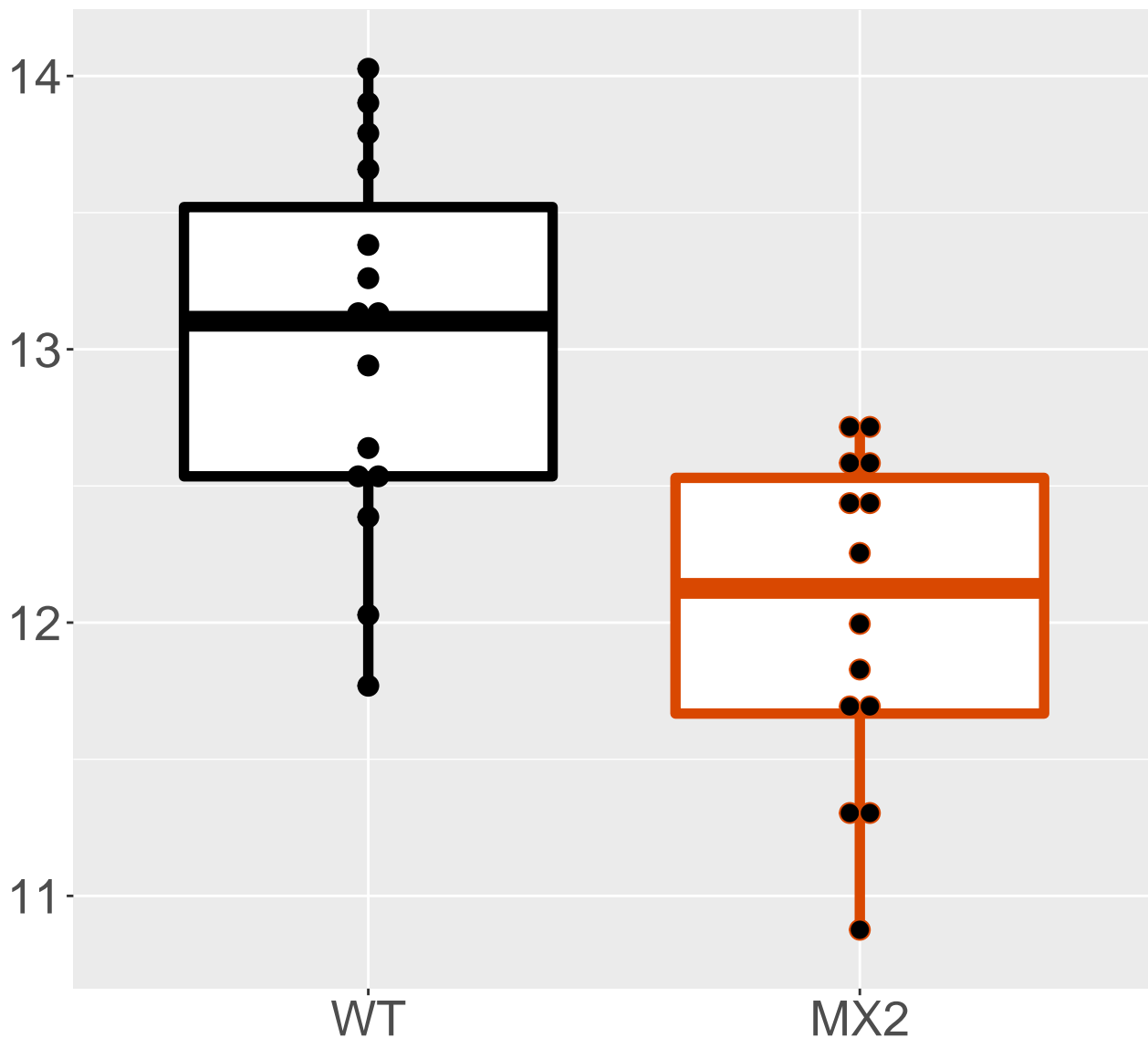WT   MX2

M566.8921T4.53
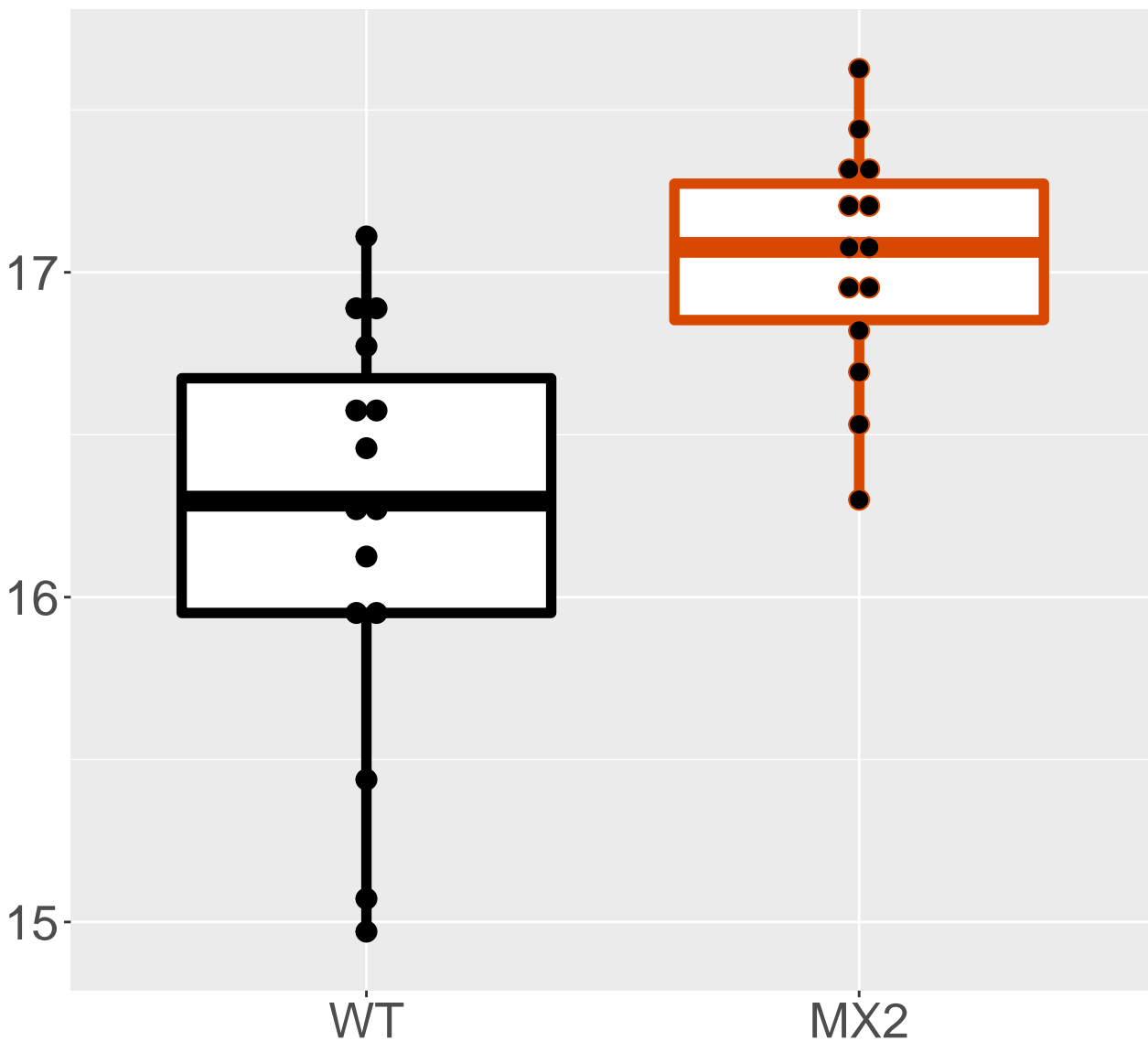**FDR = 0.023, FC = −0.88**
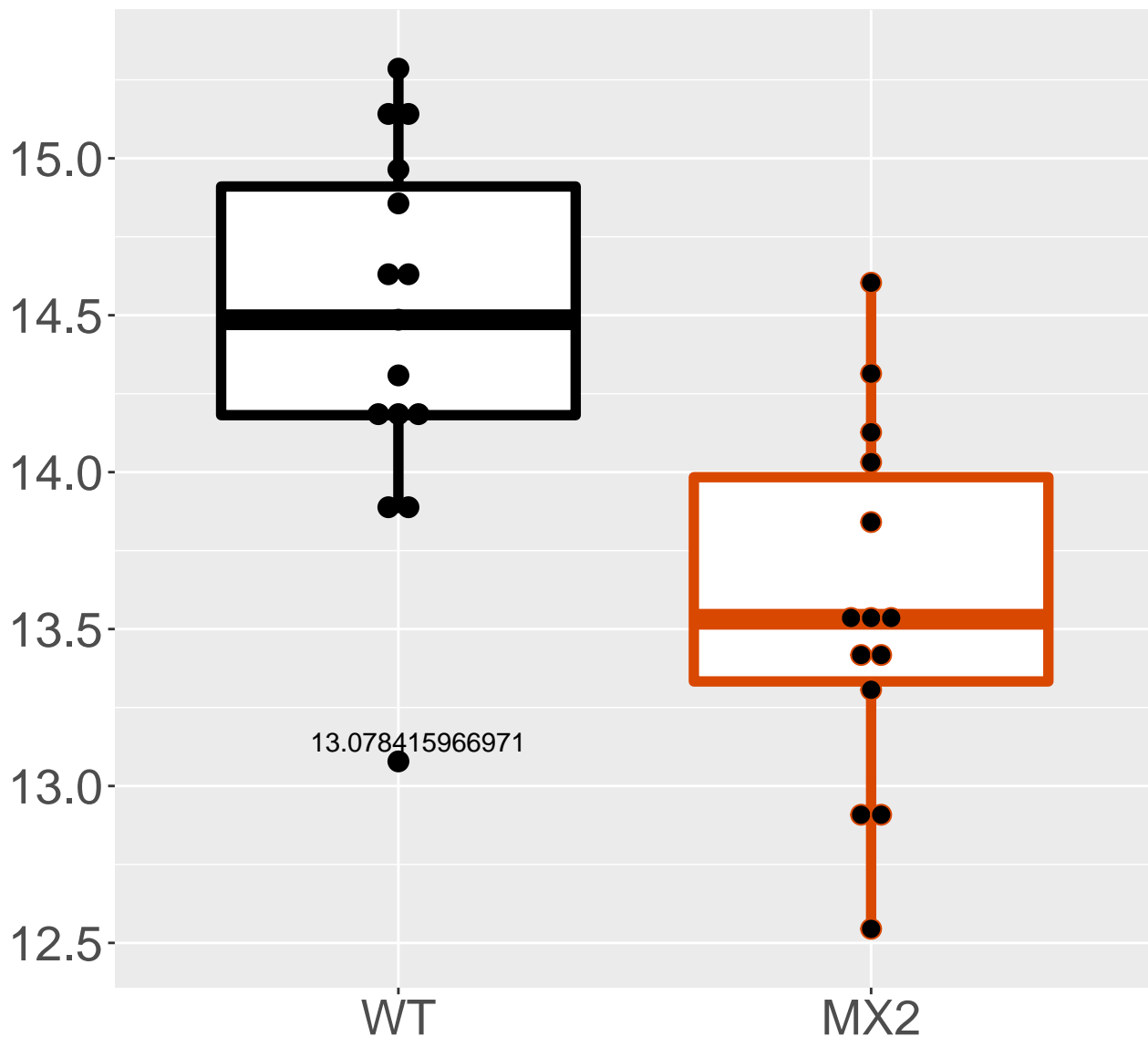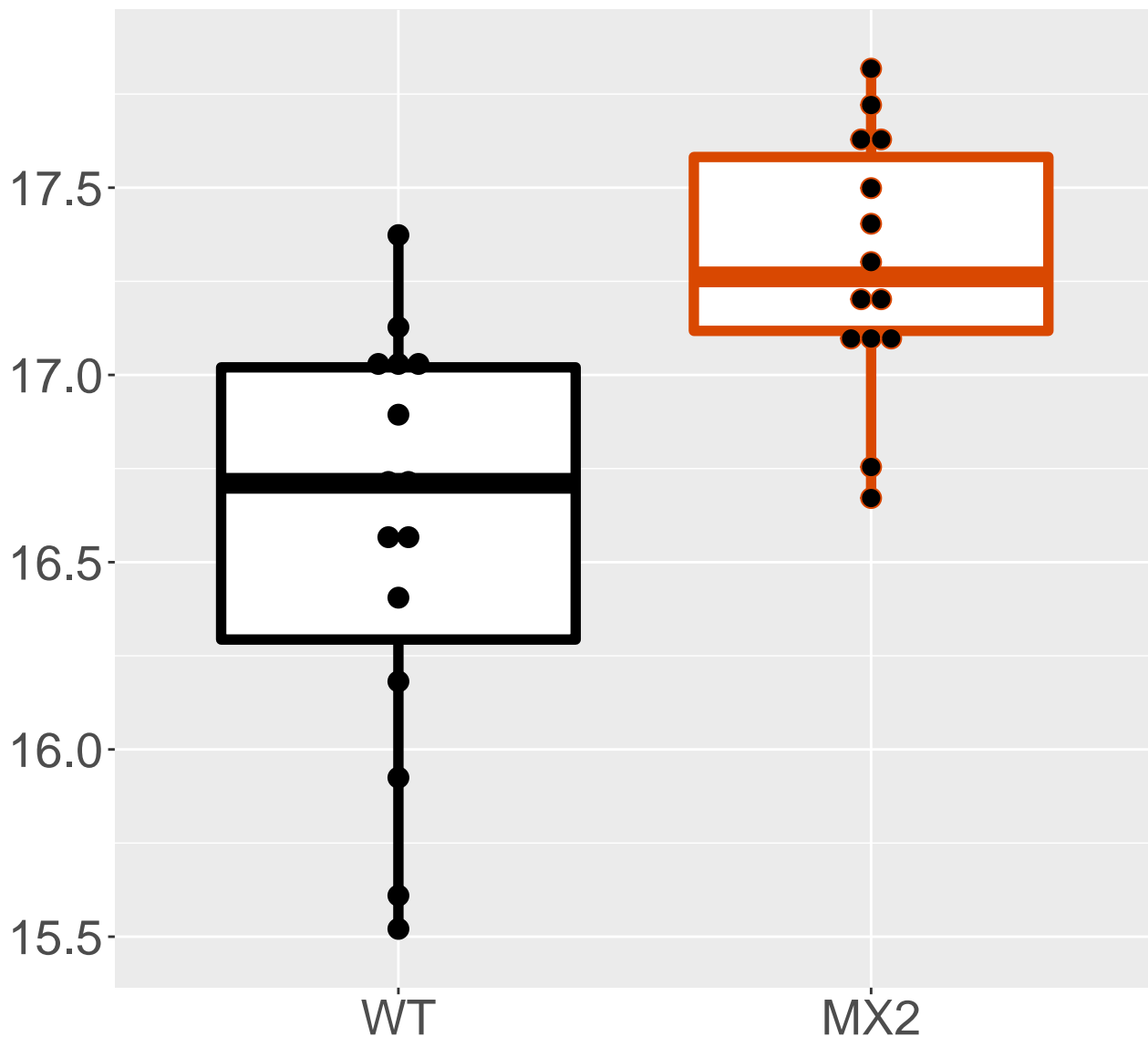
M231.1715T2.59
FDR = 0.025, FC = −0.98

M463.1926T5.03
FDR = 0.027, FC = 0.82

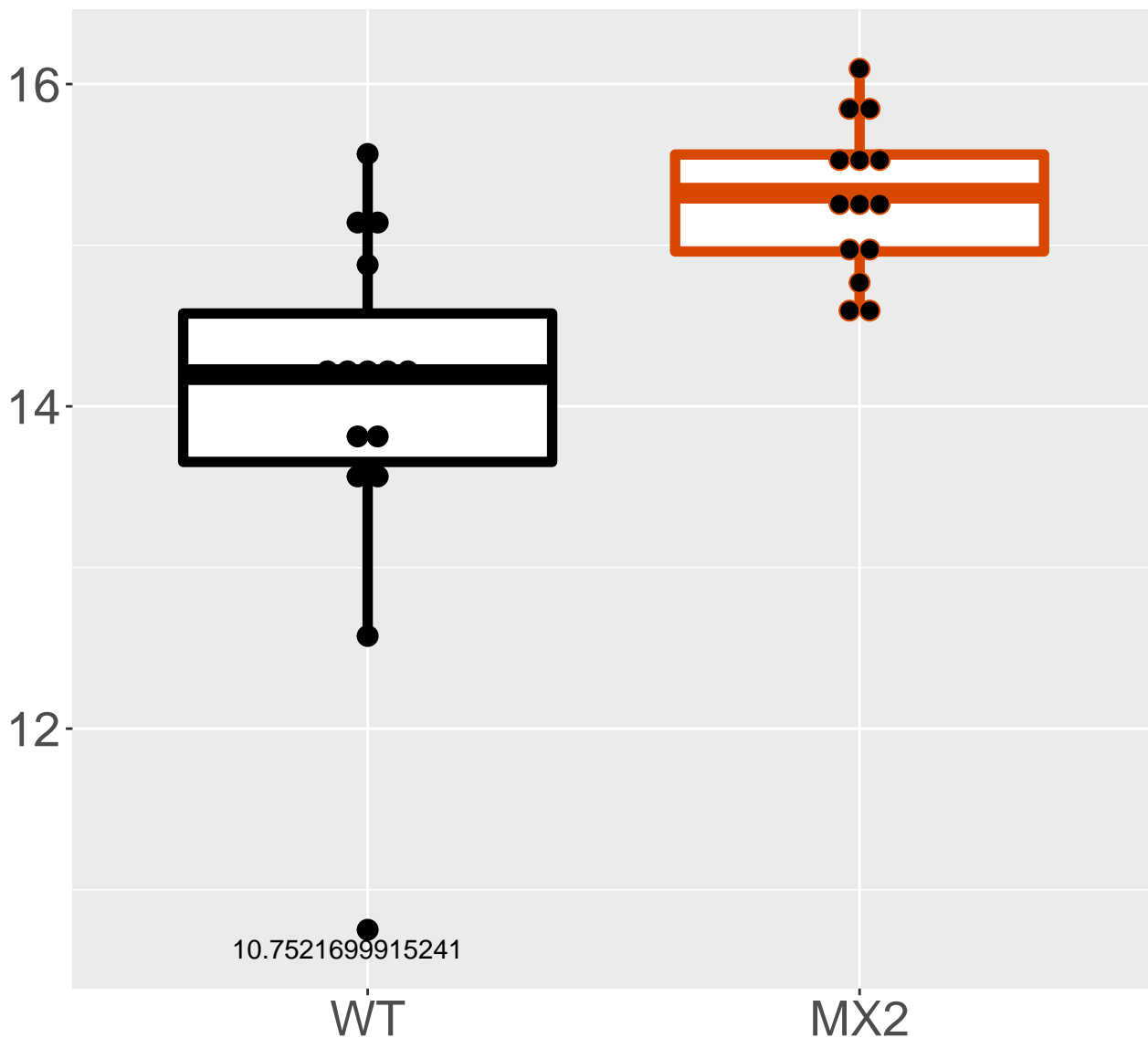**M463.4437T5.03**
FDR = 0.03, FC = 0.72

M709.6521T4.98
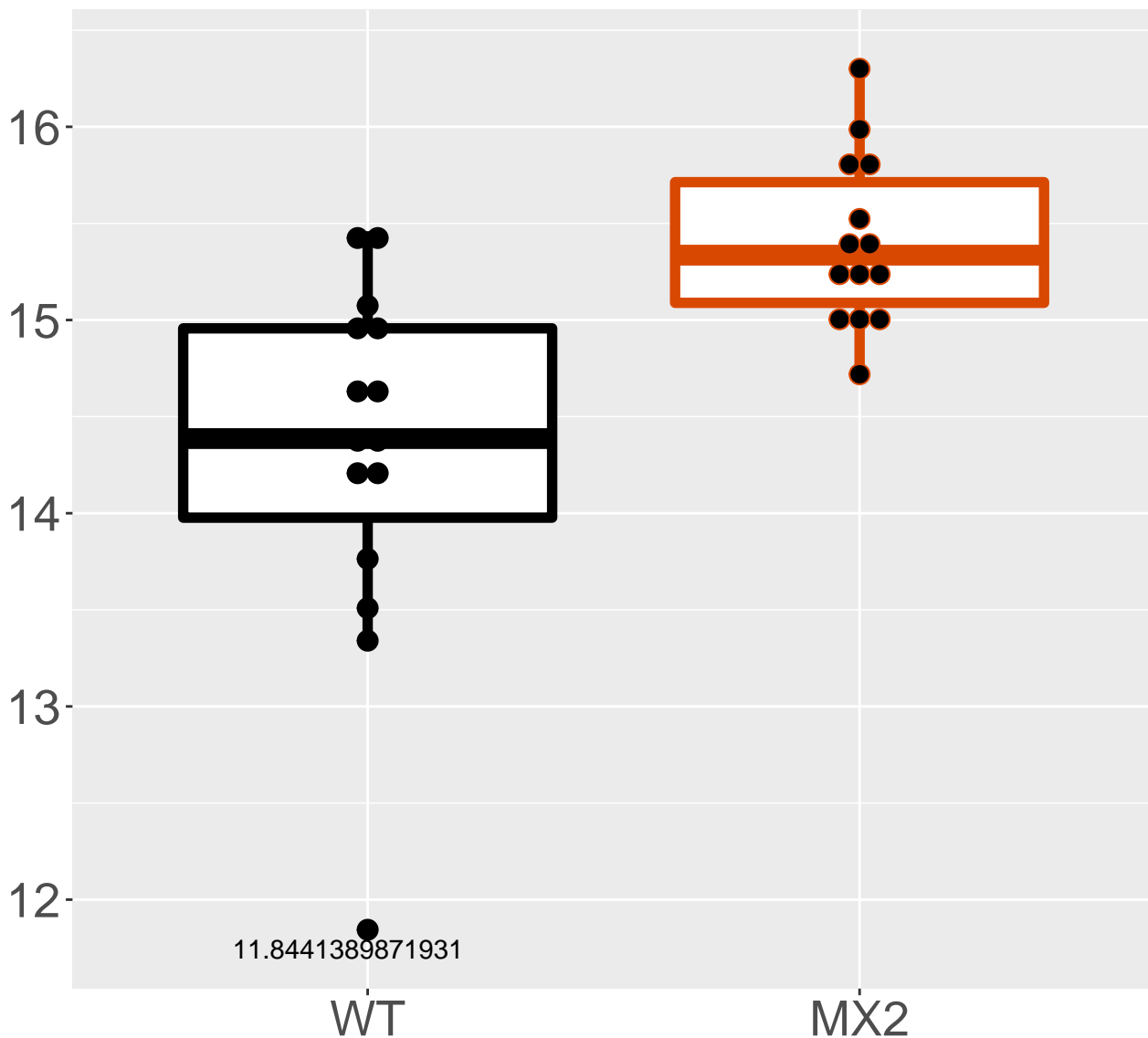**FDR = 0.031, FC = 1.3**

10.7521699915241
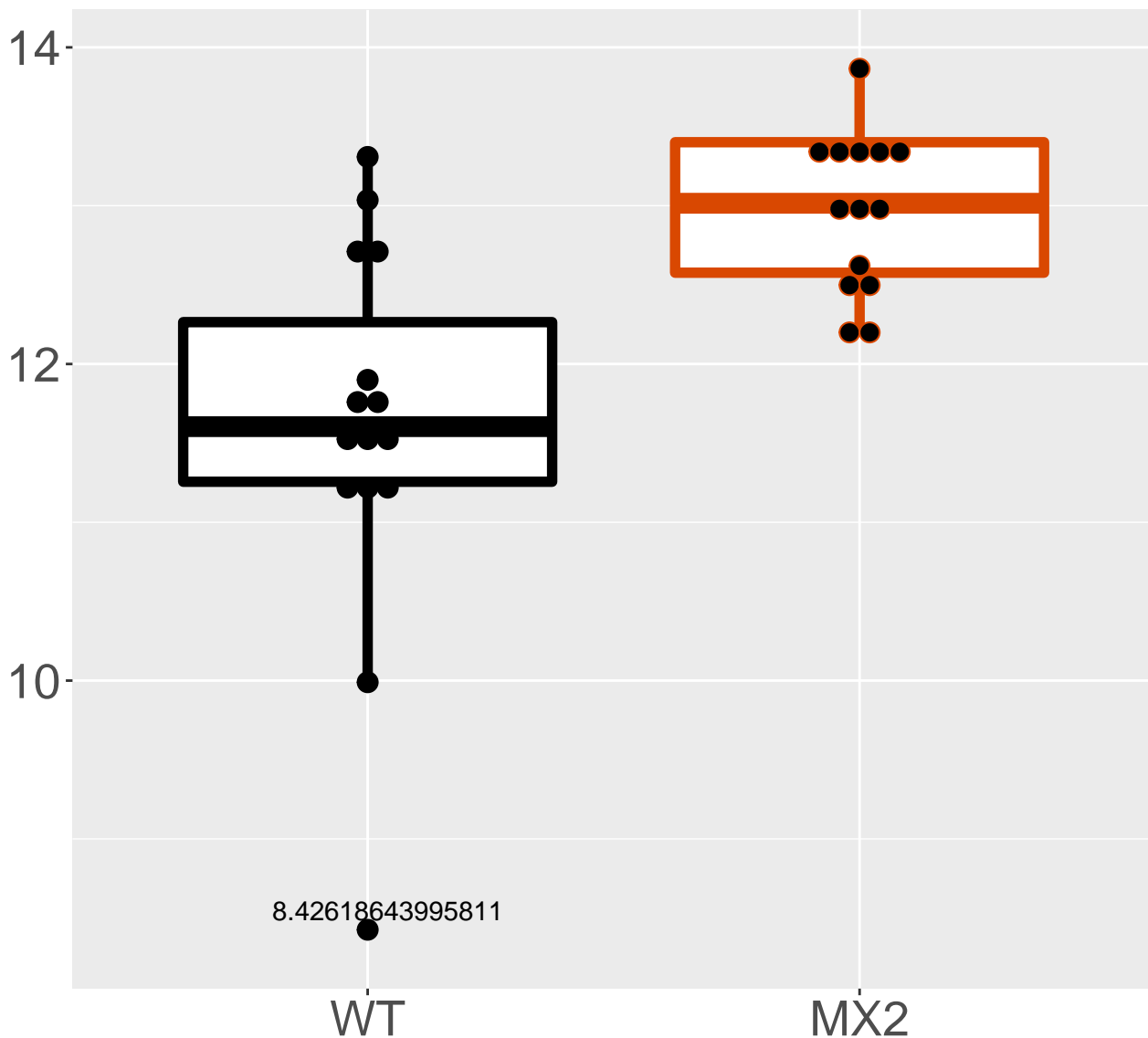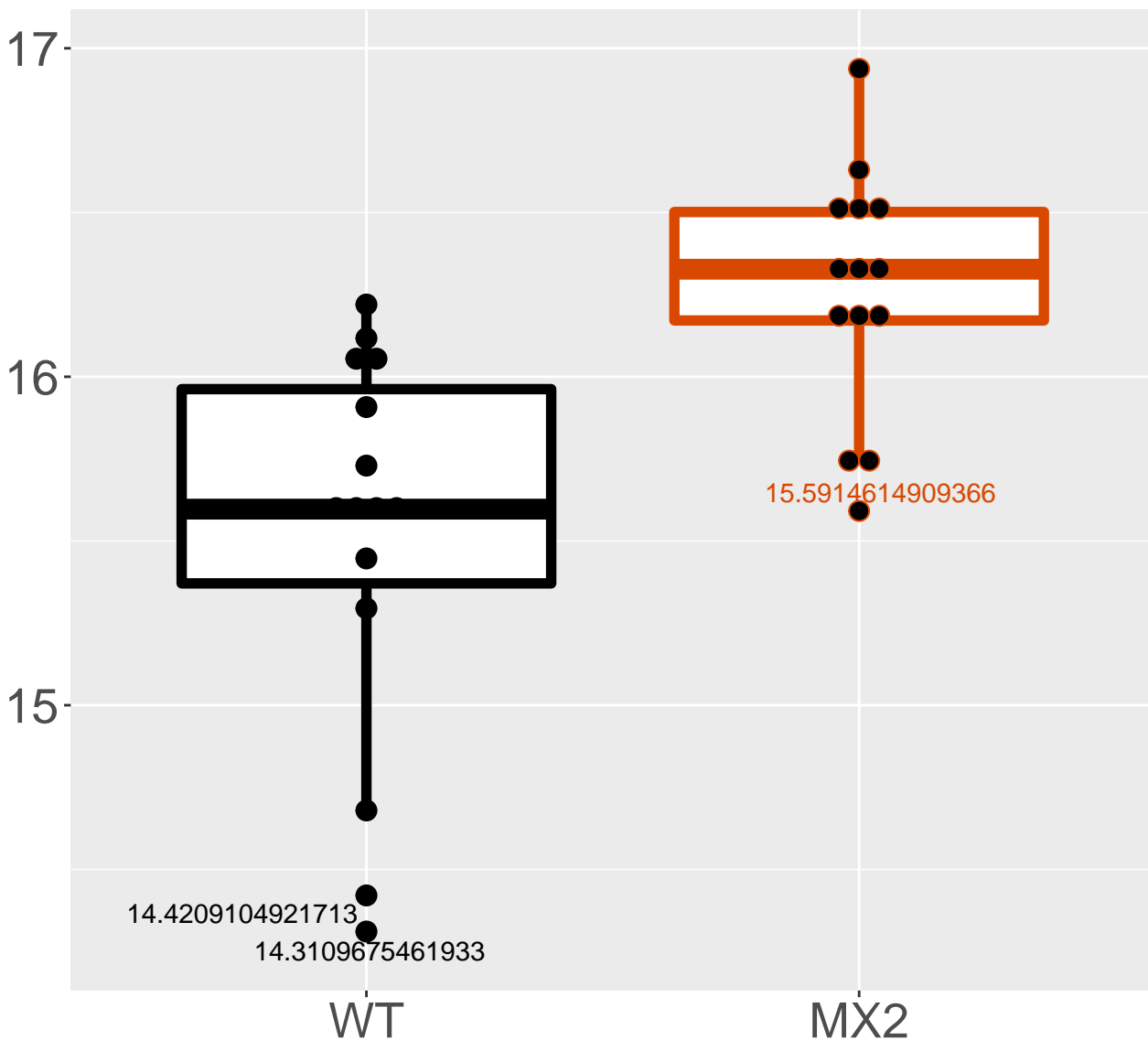
M621.1961T4.99
FDR = 0.031, FC = 1.1

11.8441389871931

M797.82T6.23
FDR = 0.032, FC = 1.4

8.42618643995811
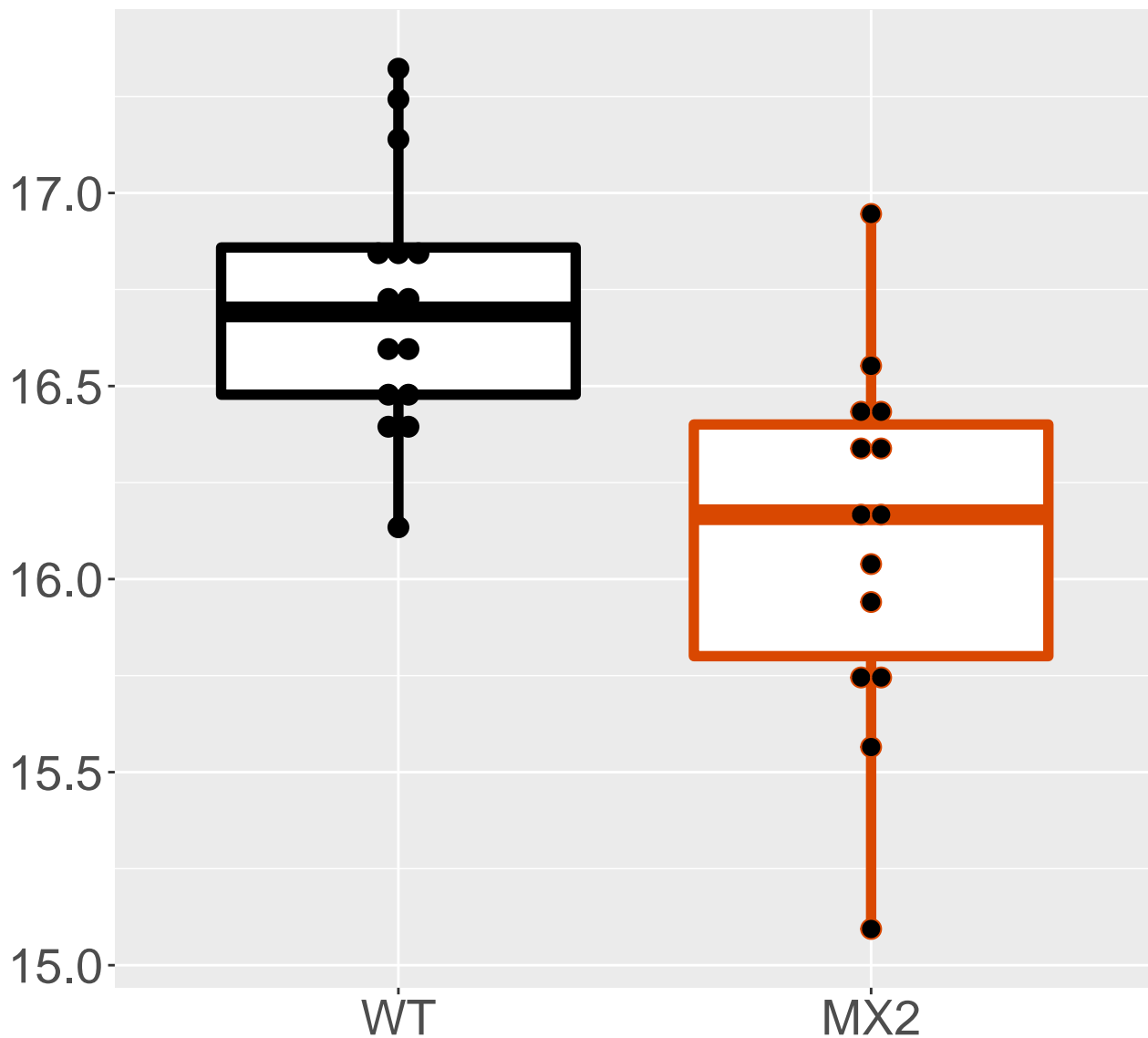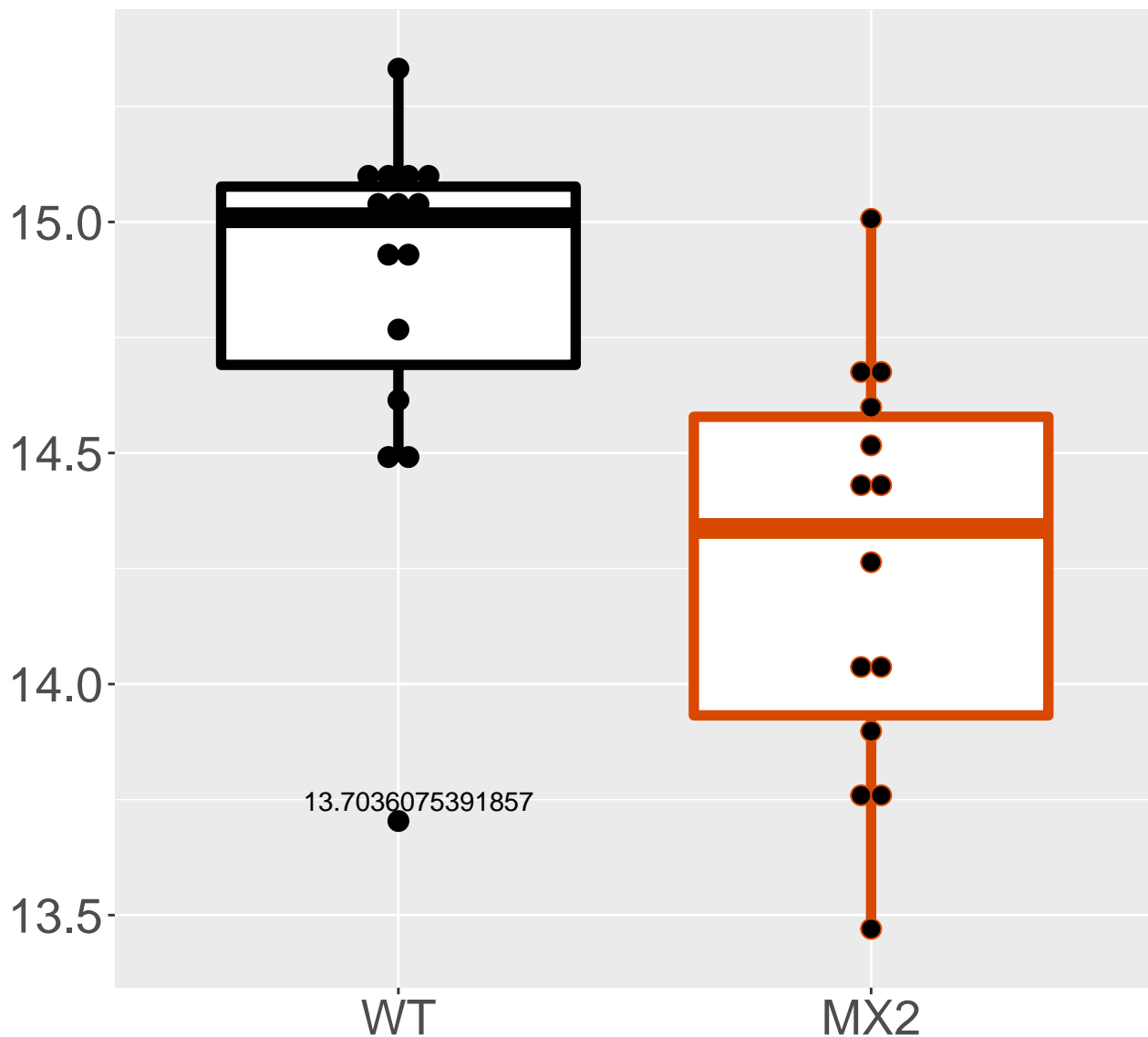
M617.5891T5.03
FDR = 0.032, FC = 0.76

M314.1571T5.94
FDR = 0.032, FC = −0.61

M467.9939T4.74
FDR = 0.033, FC = −0.6

13.7036075391857
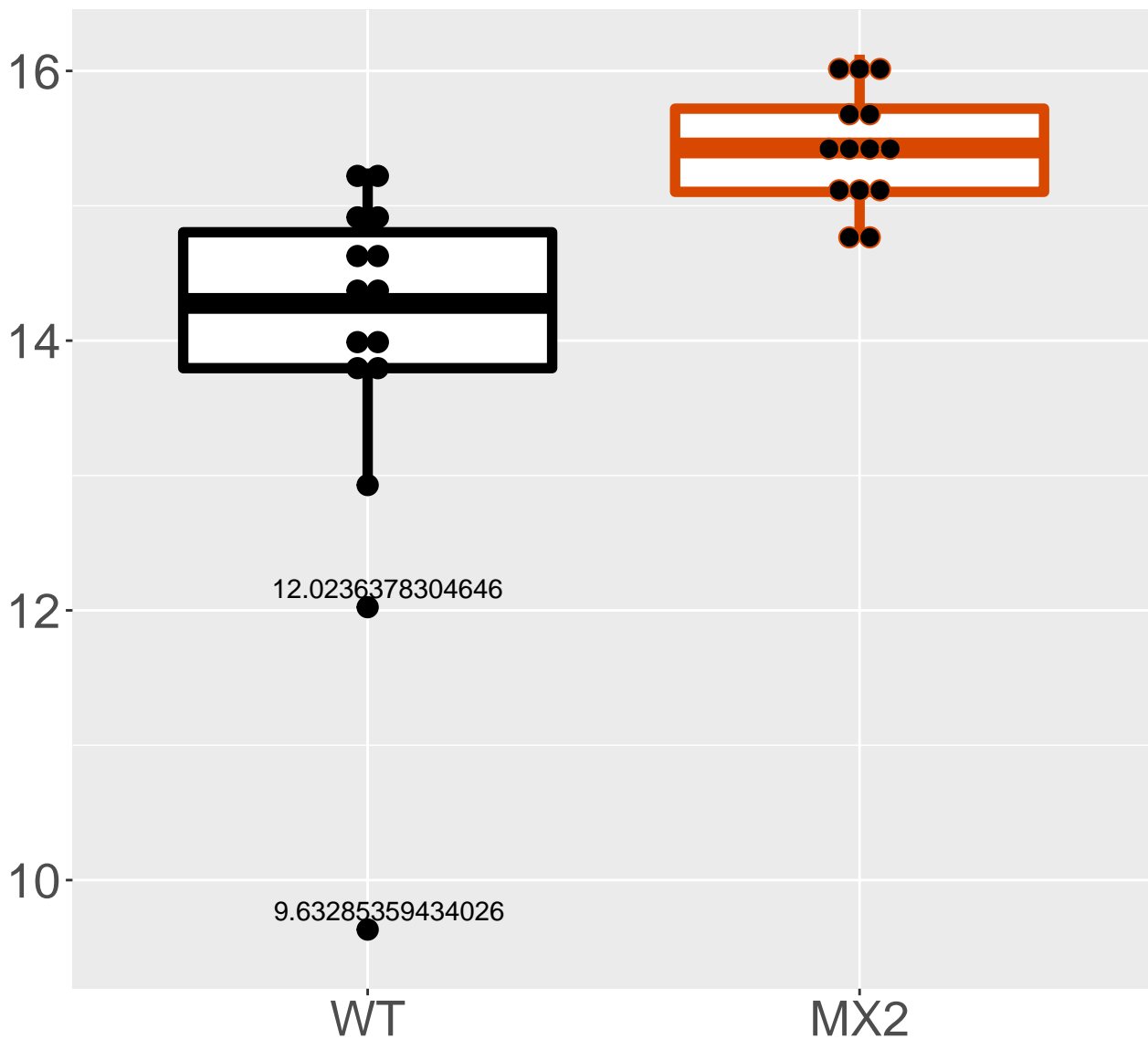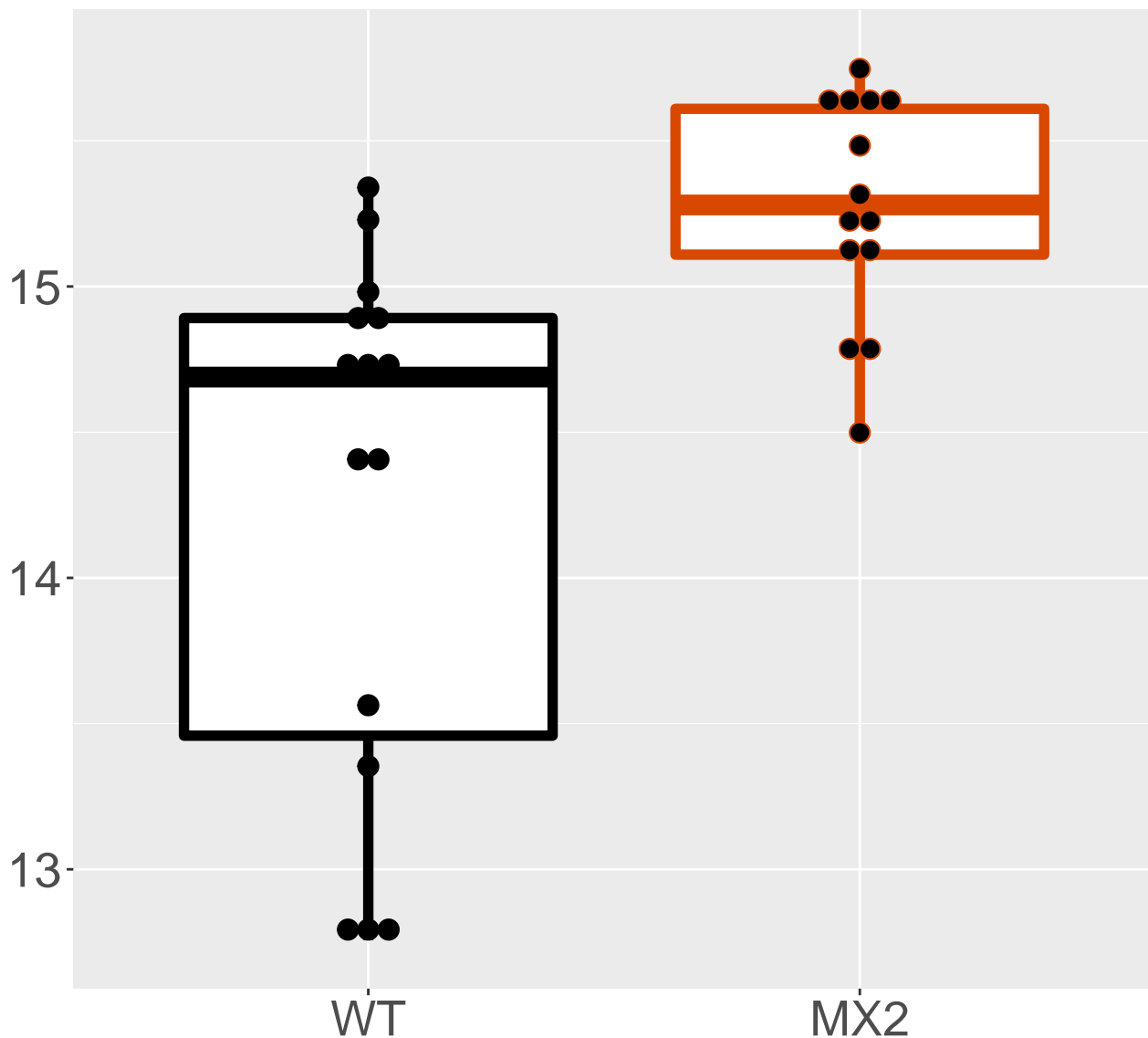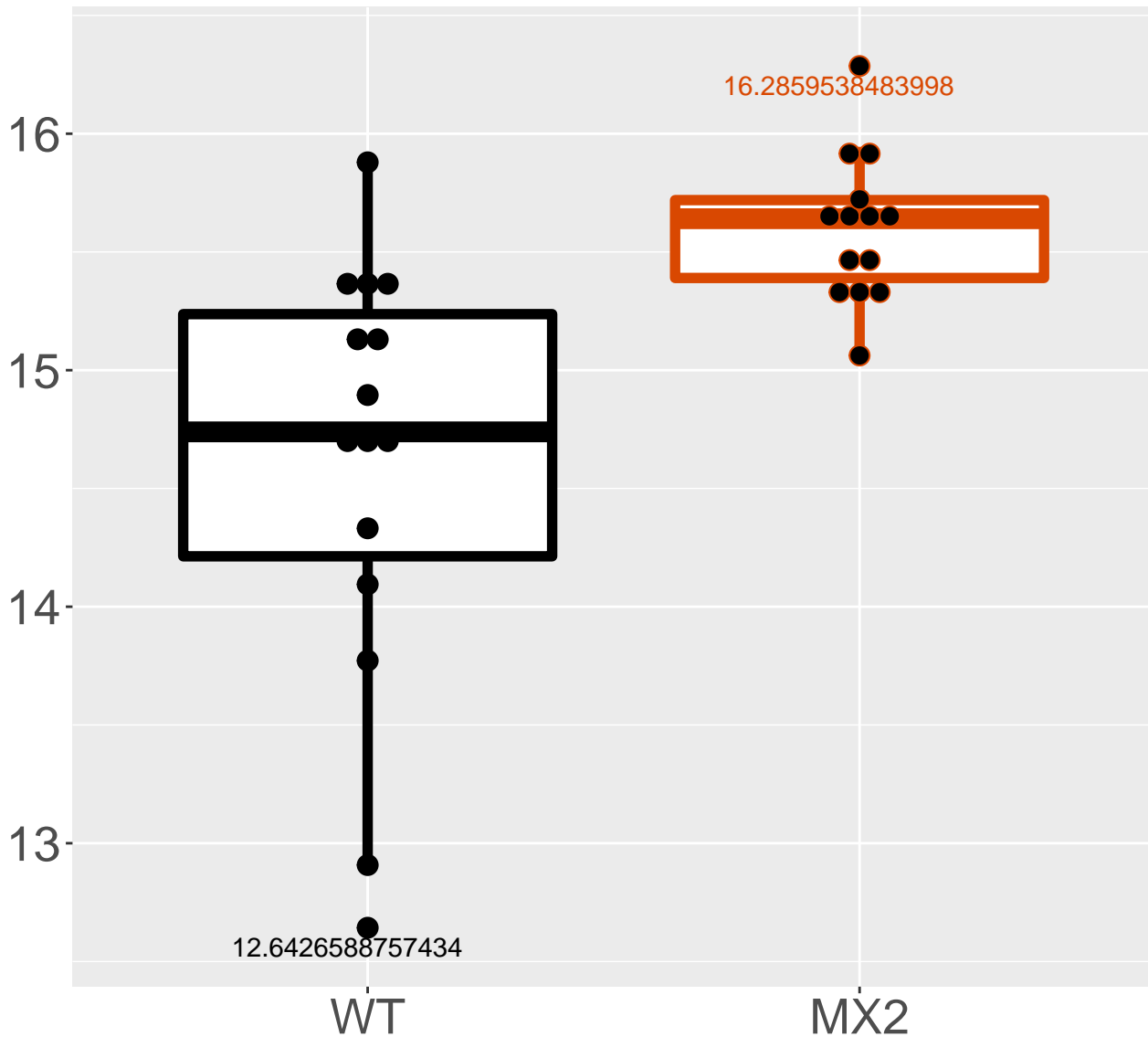
M621.5725T4.99
FDR = 0.041, FC = 1.5

M976.9966T6.23
FDR = 0.041, FC = 1

M617.9241T5.03
FDR = 0.041, FC = 1

16.2859538483998

12.6426588757434
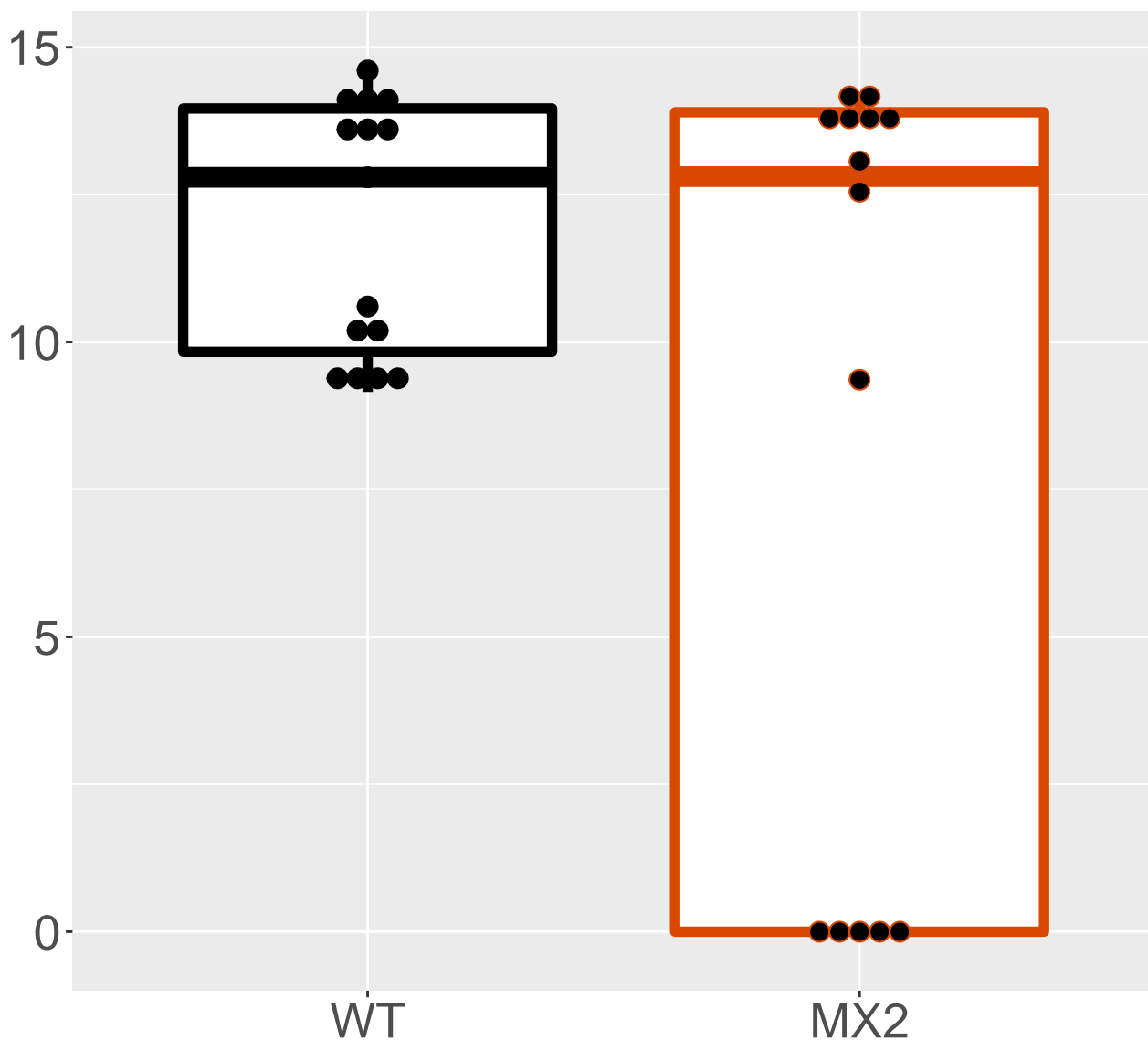
WT
MX2

M192.0331T0.99
FDR = 0.041, FC = 0.88, sex**
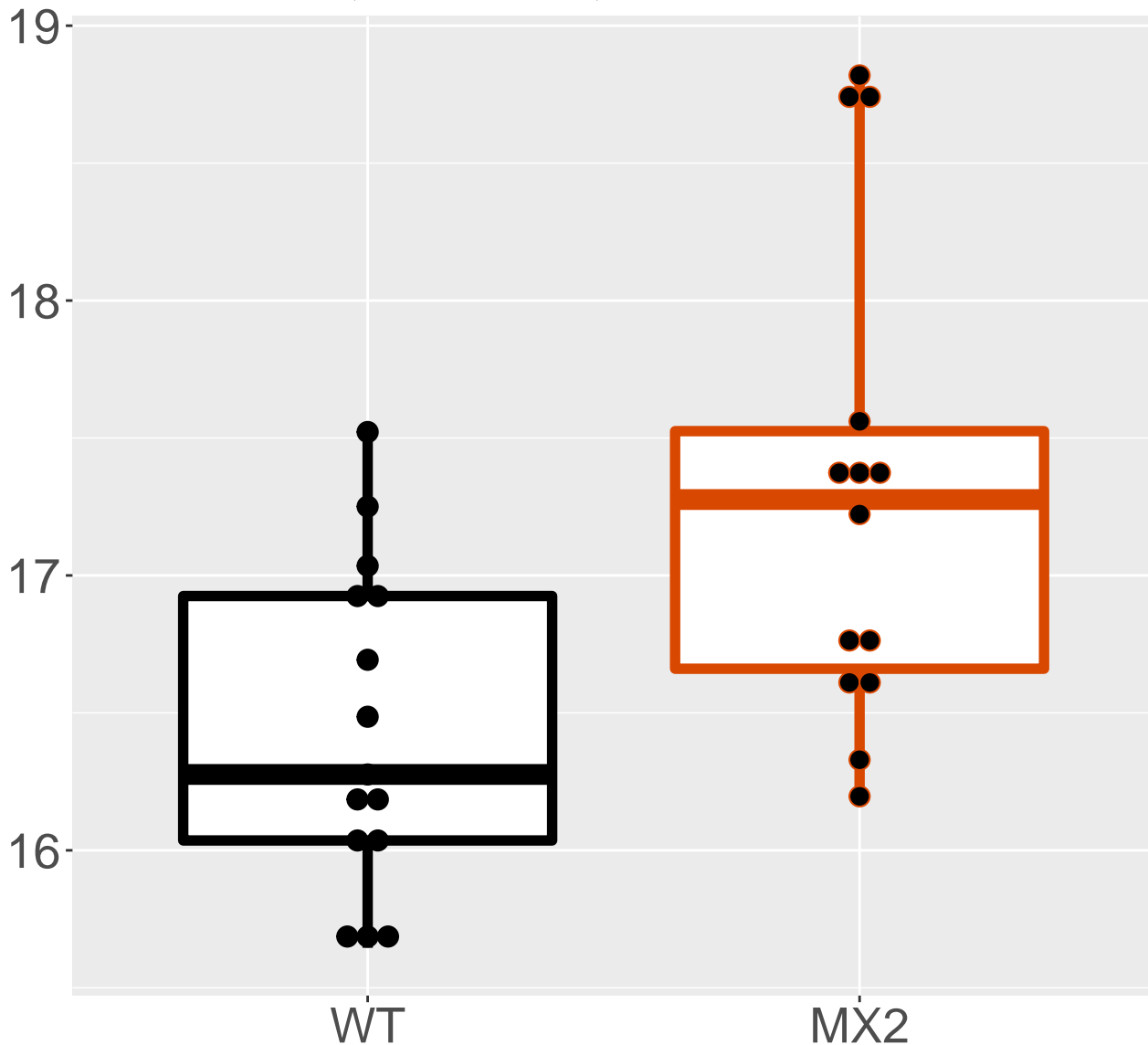
M217.1917T0.86
FDR = 0.044, FC = −3.5, sex***

M621.6977T4.99
FDR = 0.044, FC = 1.3

10.147011307617
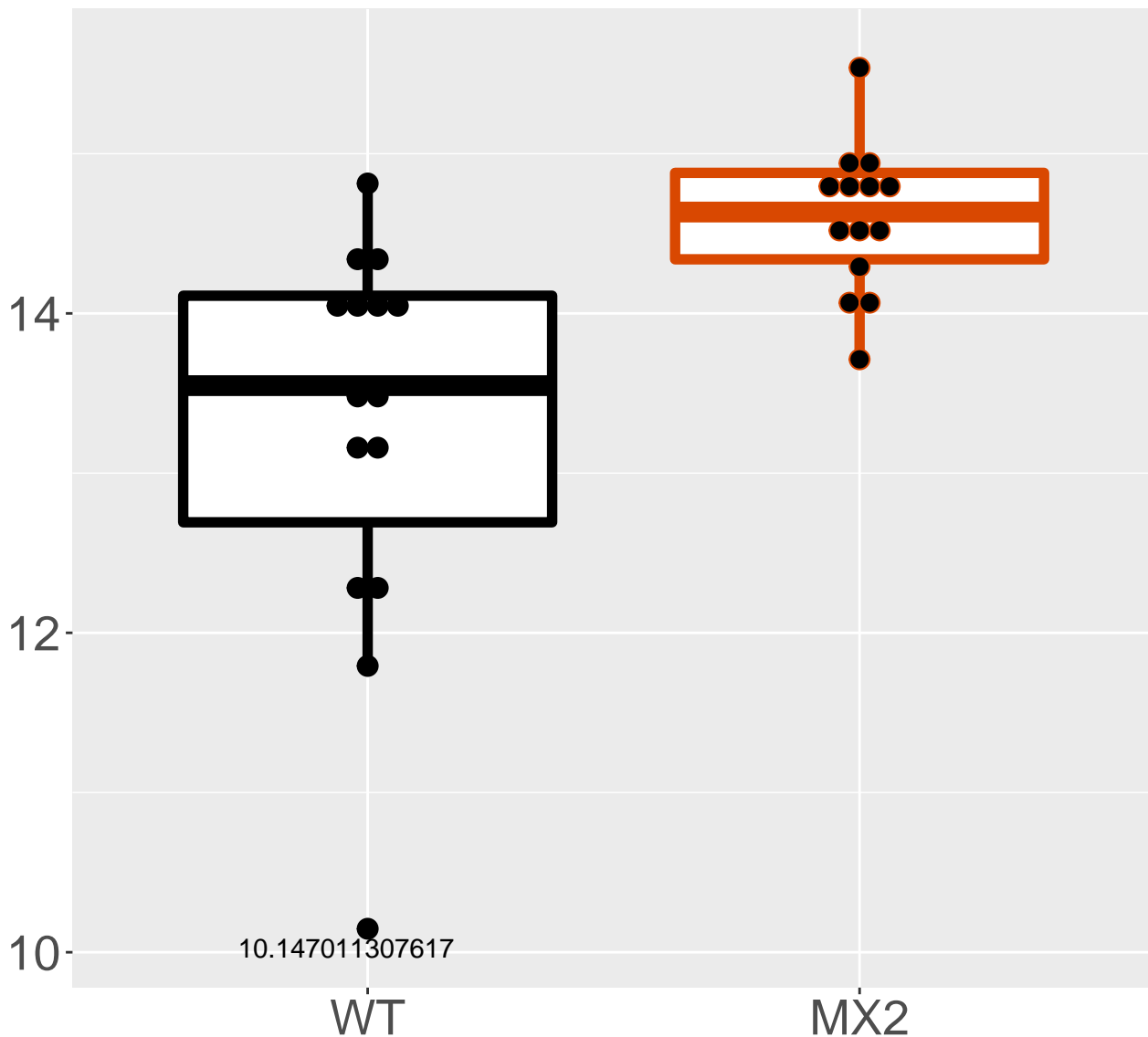
M733.0887T4.97
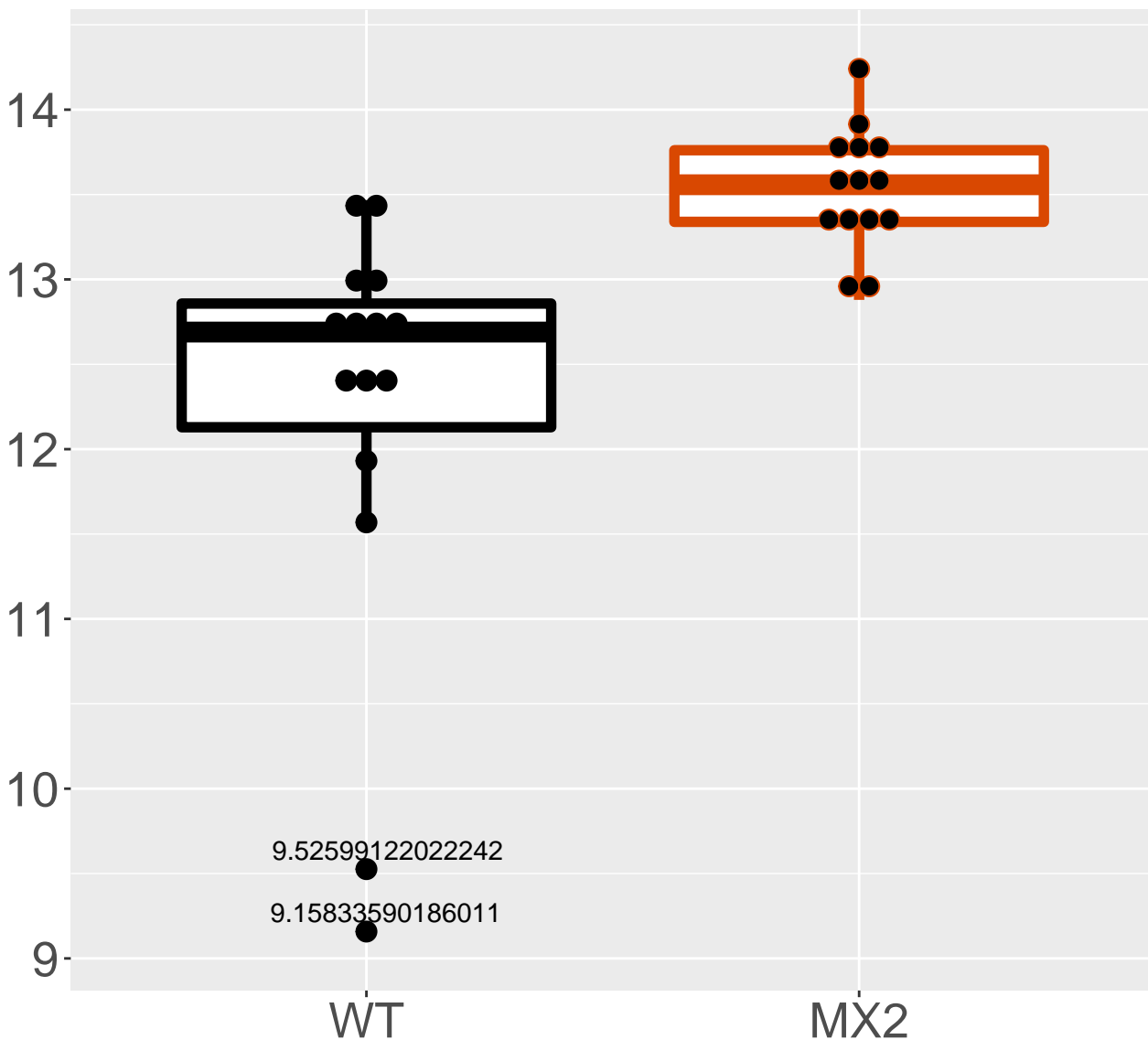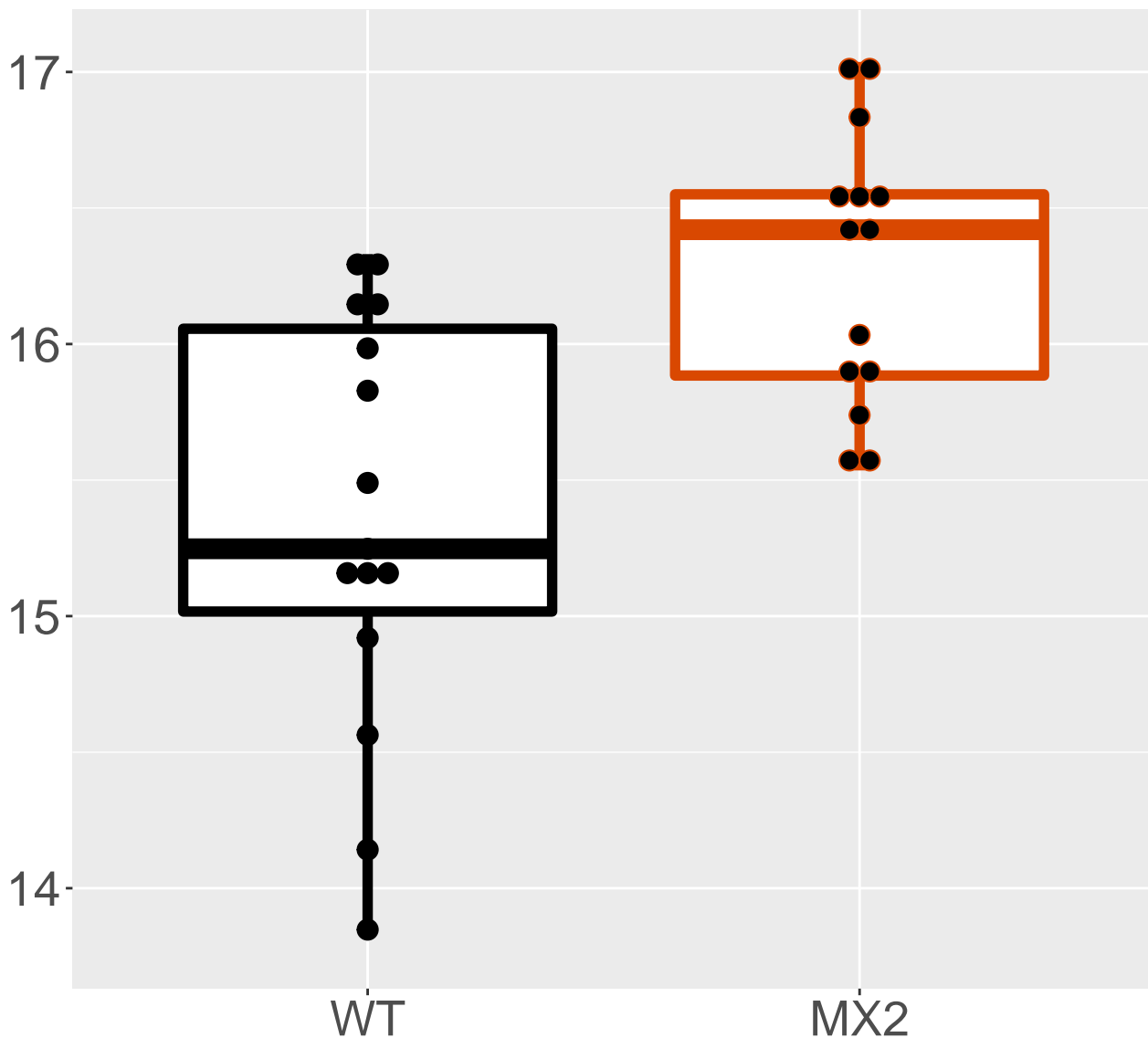**FDR = 0.046, FC = 1.3**

M494.5783T4.98
FDR = 0.046, FC = 0.93

M567.2931T4.53
FDR = 0.046, FC = −0.81