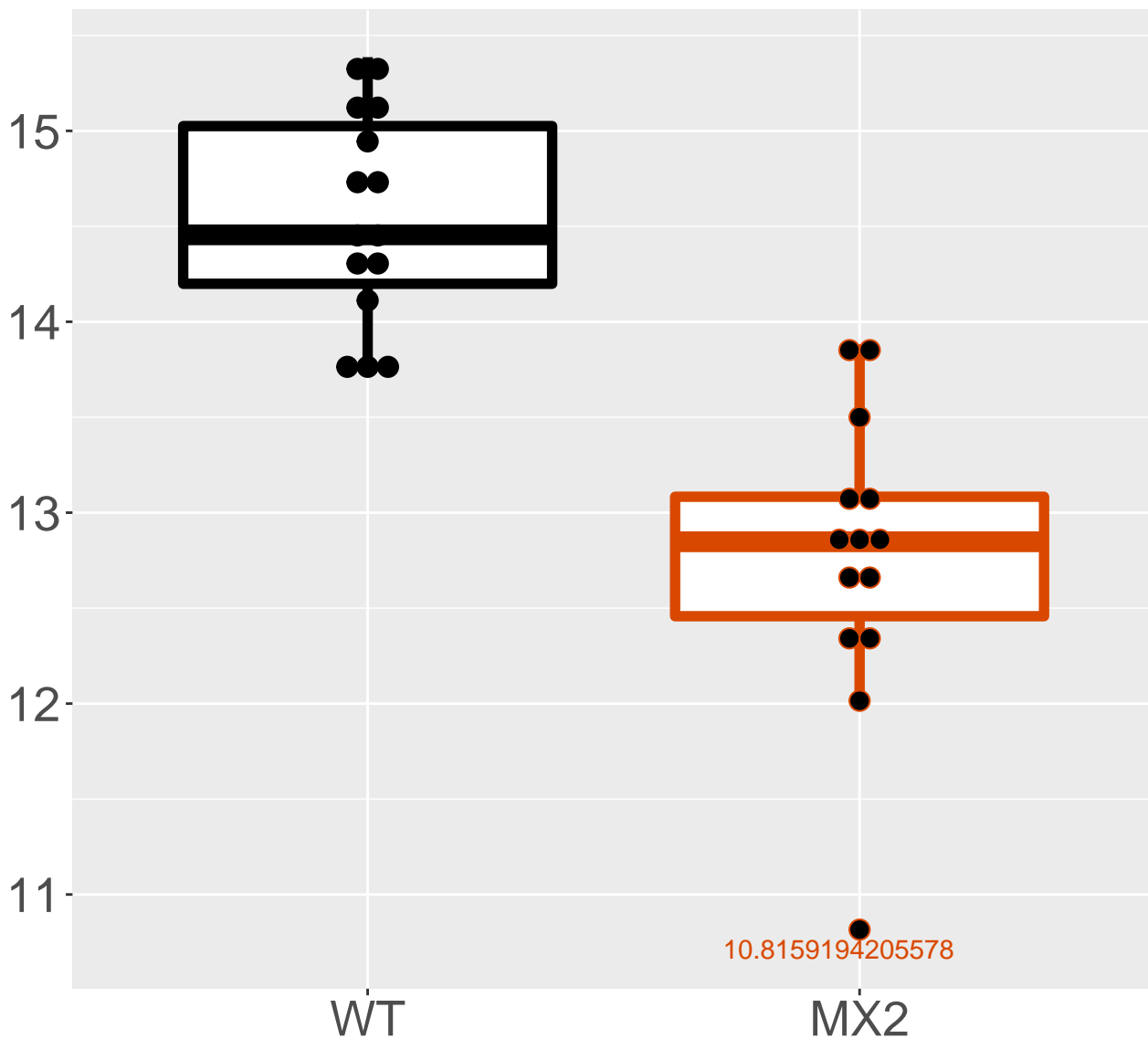
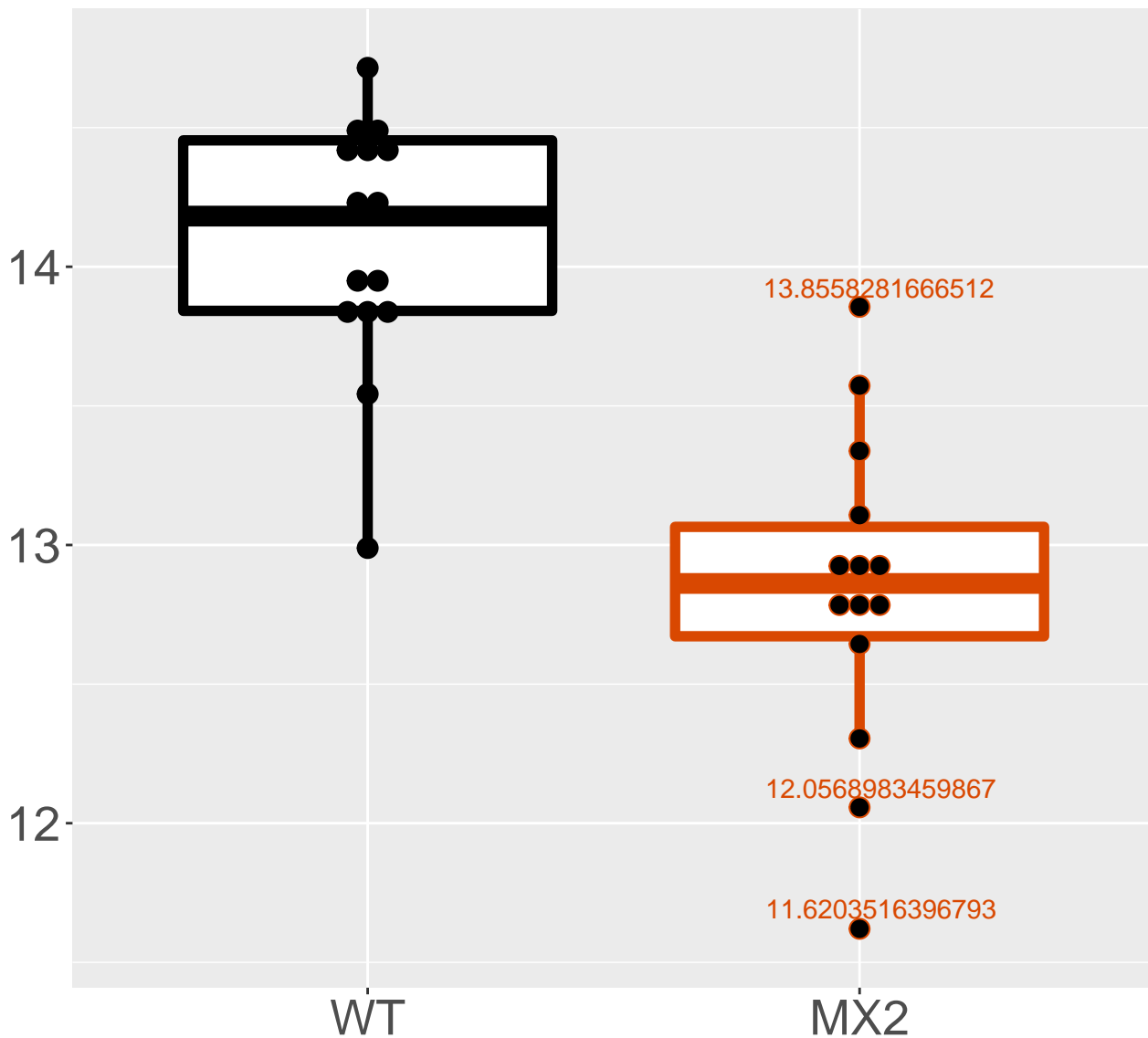


**M783.8575T342.28\_1**

**FDR =  $5.3e-05$ , FC =  $-1.8$ , sex\***

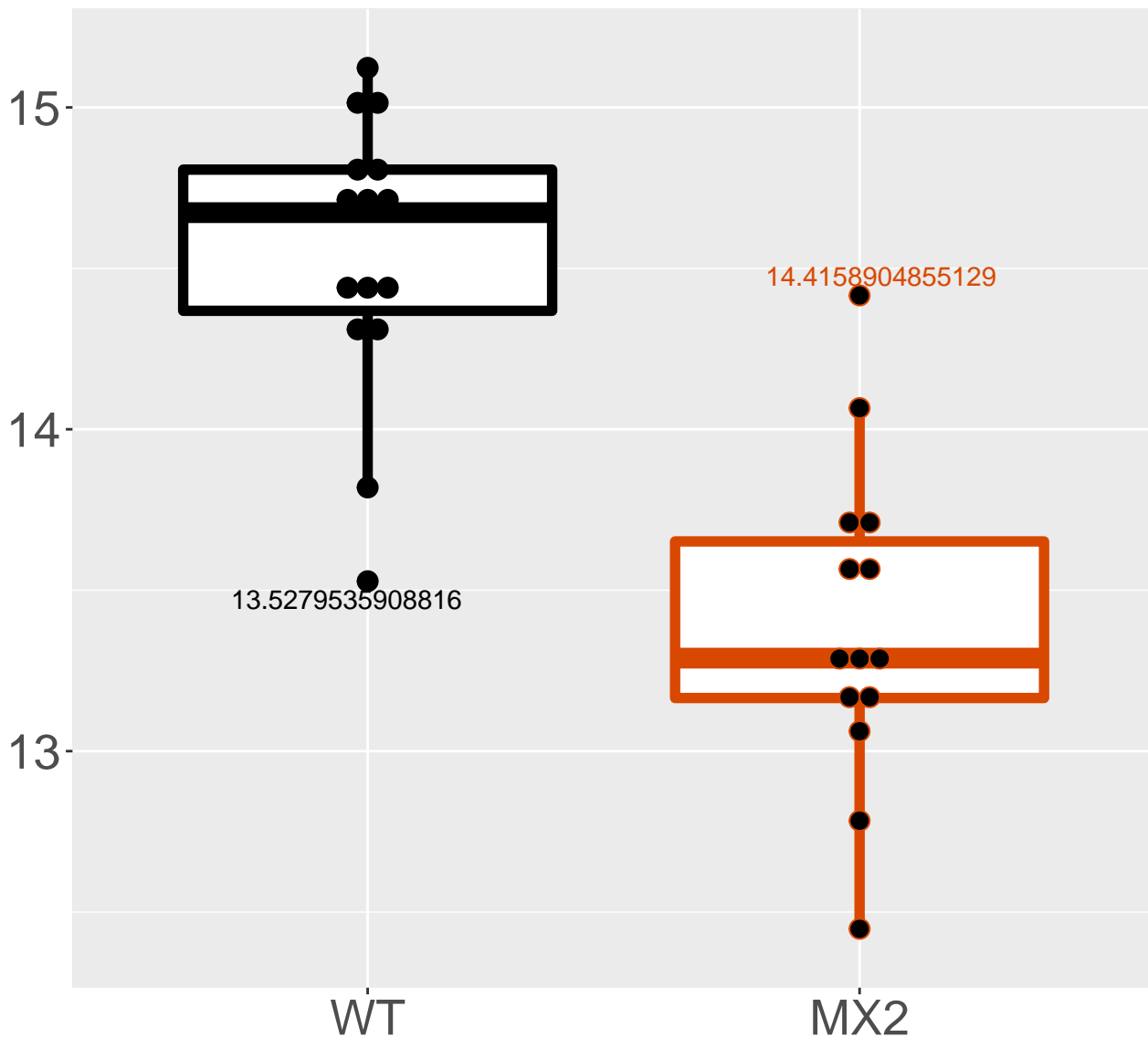


**M676.5901T278.63\_1**  
**FDR = 0.00017, FC = -1.3**



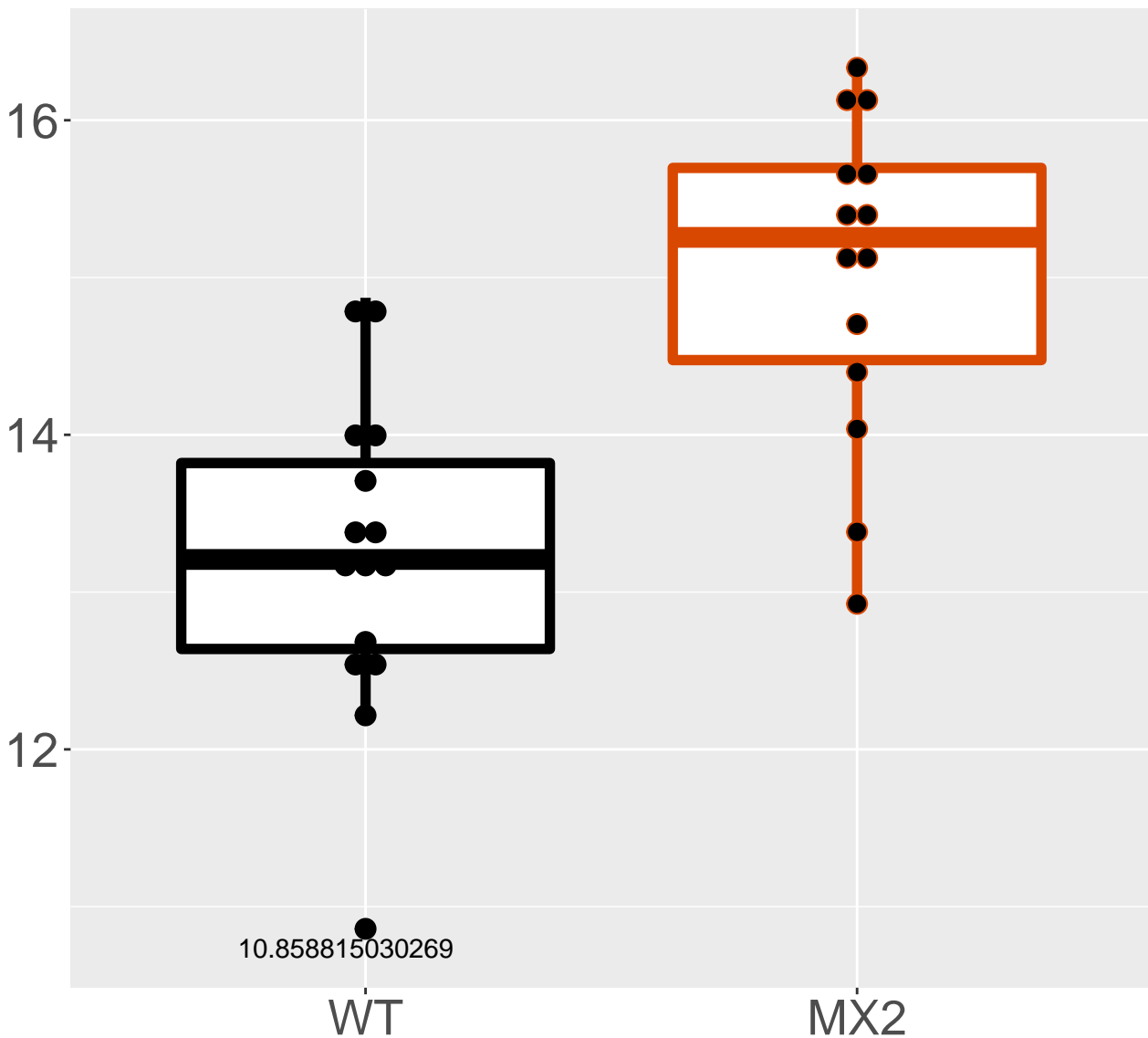
**M676.3394T278.83\_2**

**FDR = 0.00017, FC = -1.2**

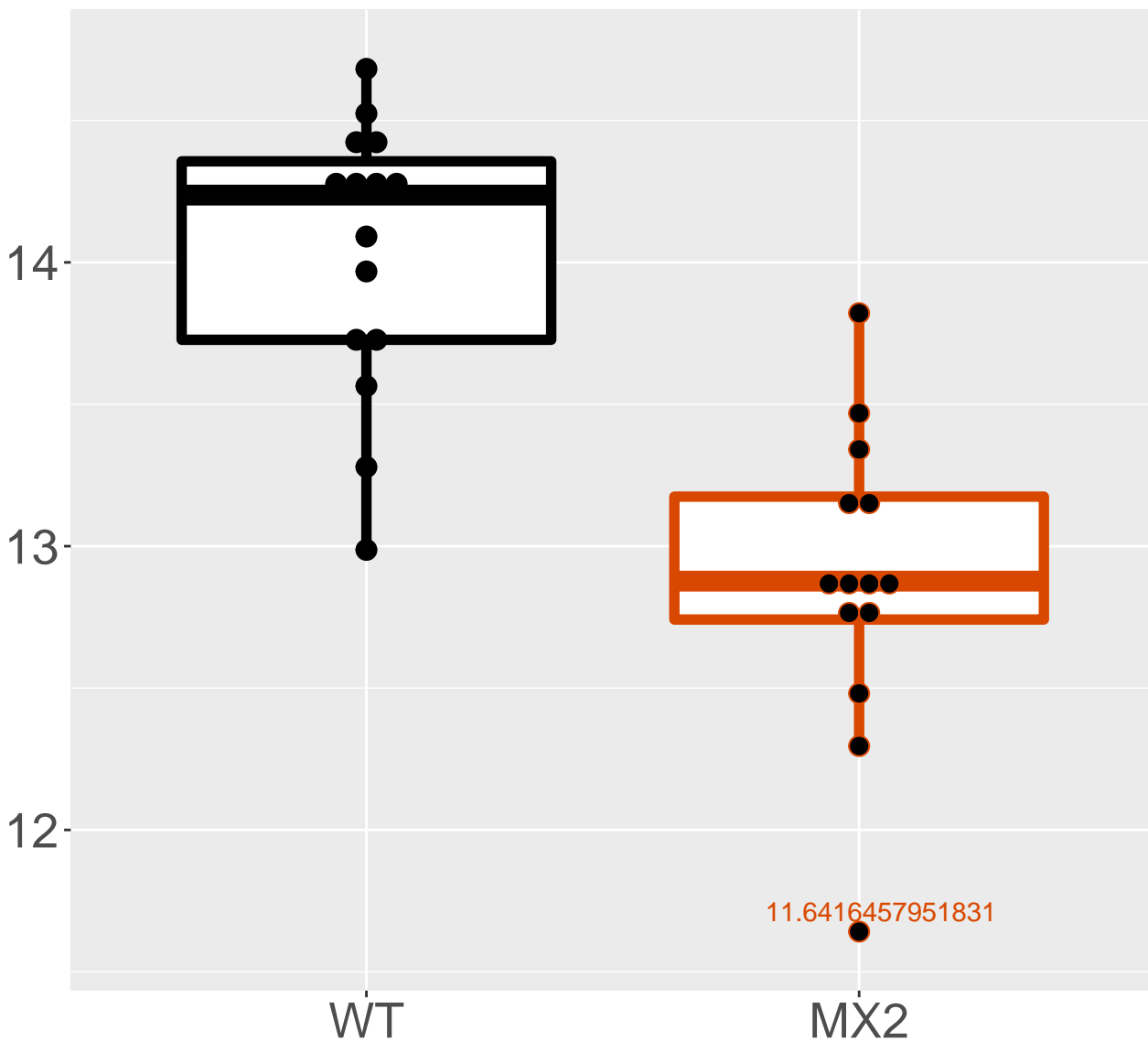


**M257.0753T50.93**

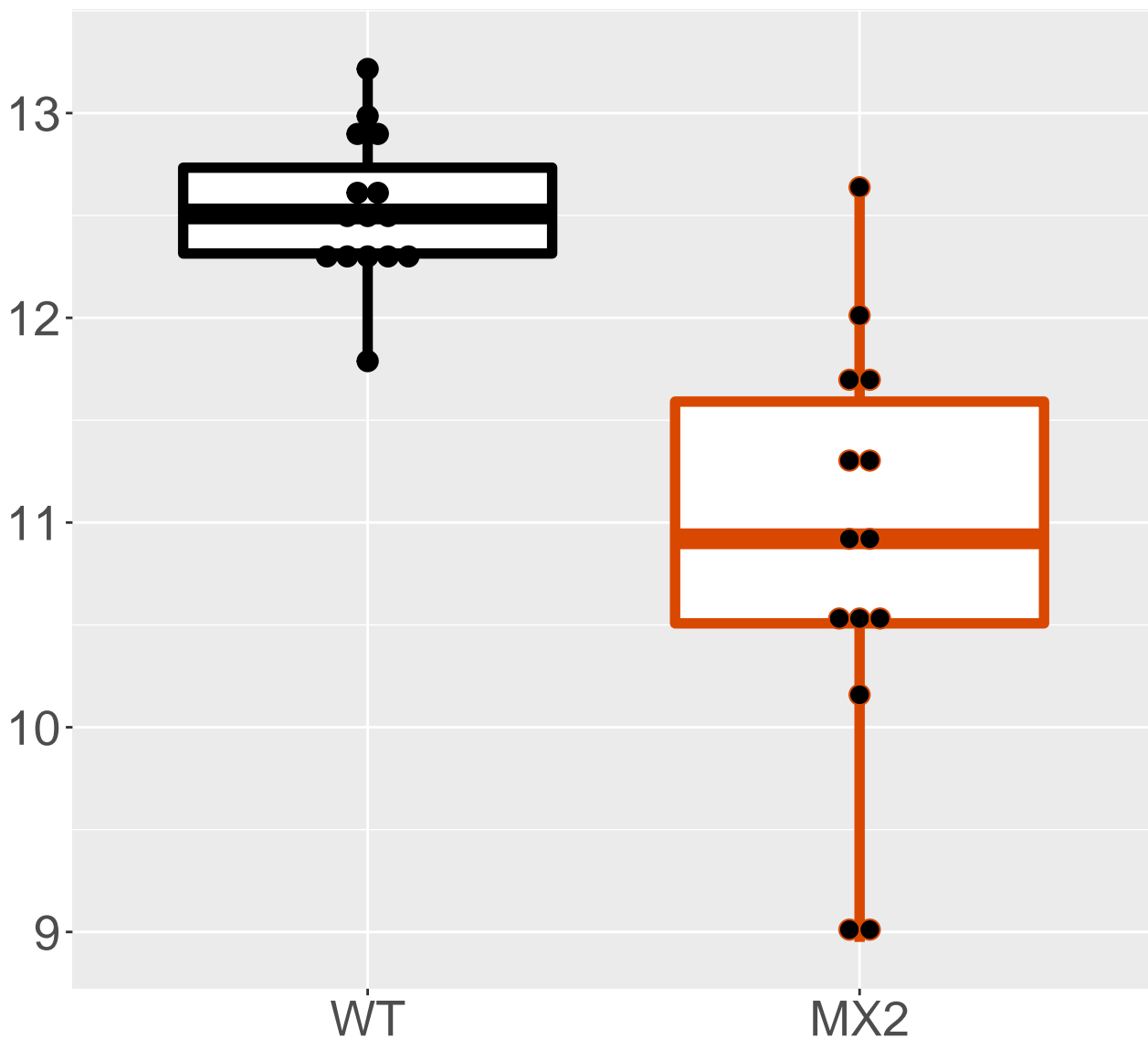
**FDR = 4e-04, FC = 1.8, sex\*\*\***



**FDR = 4e-04, FC = -1.1**

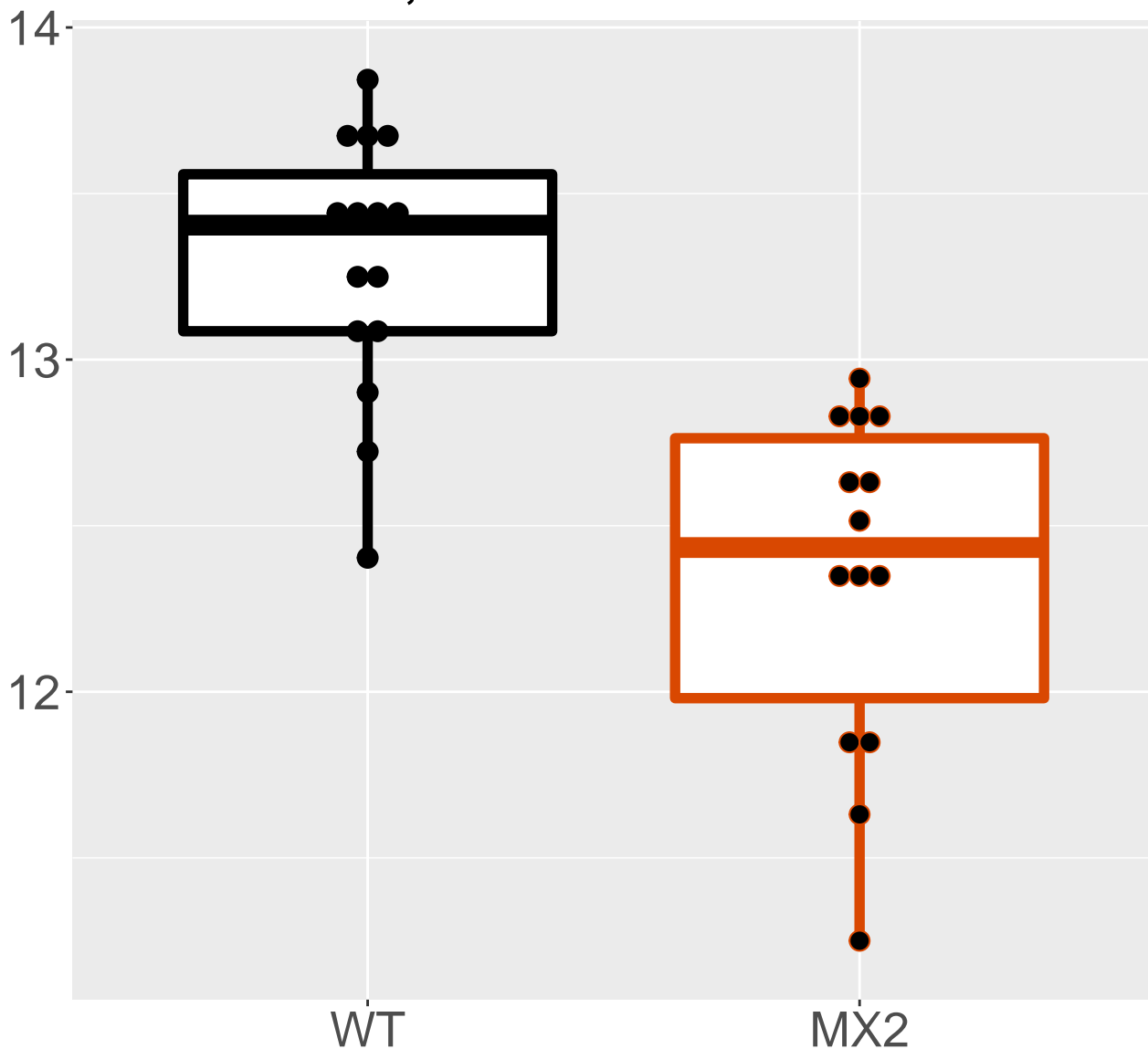


**FDR = 0.00067, FC = -1.7**

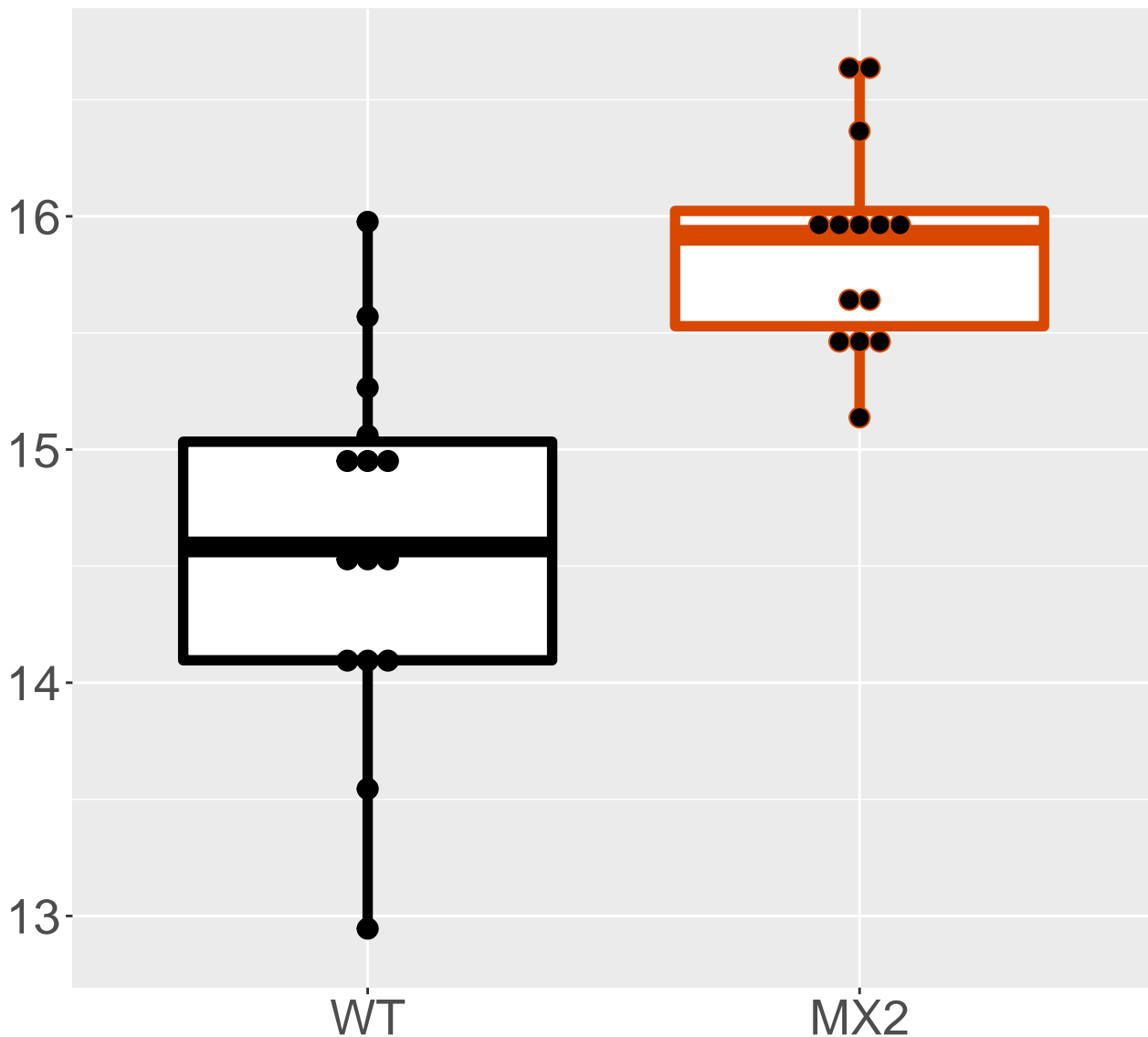


**M561.539T274.15**

**FDR = 0.00067, FC = -0.94**



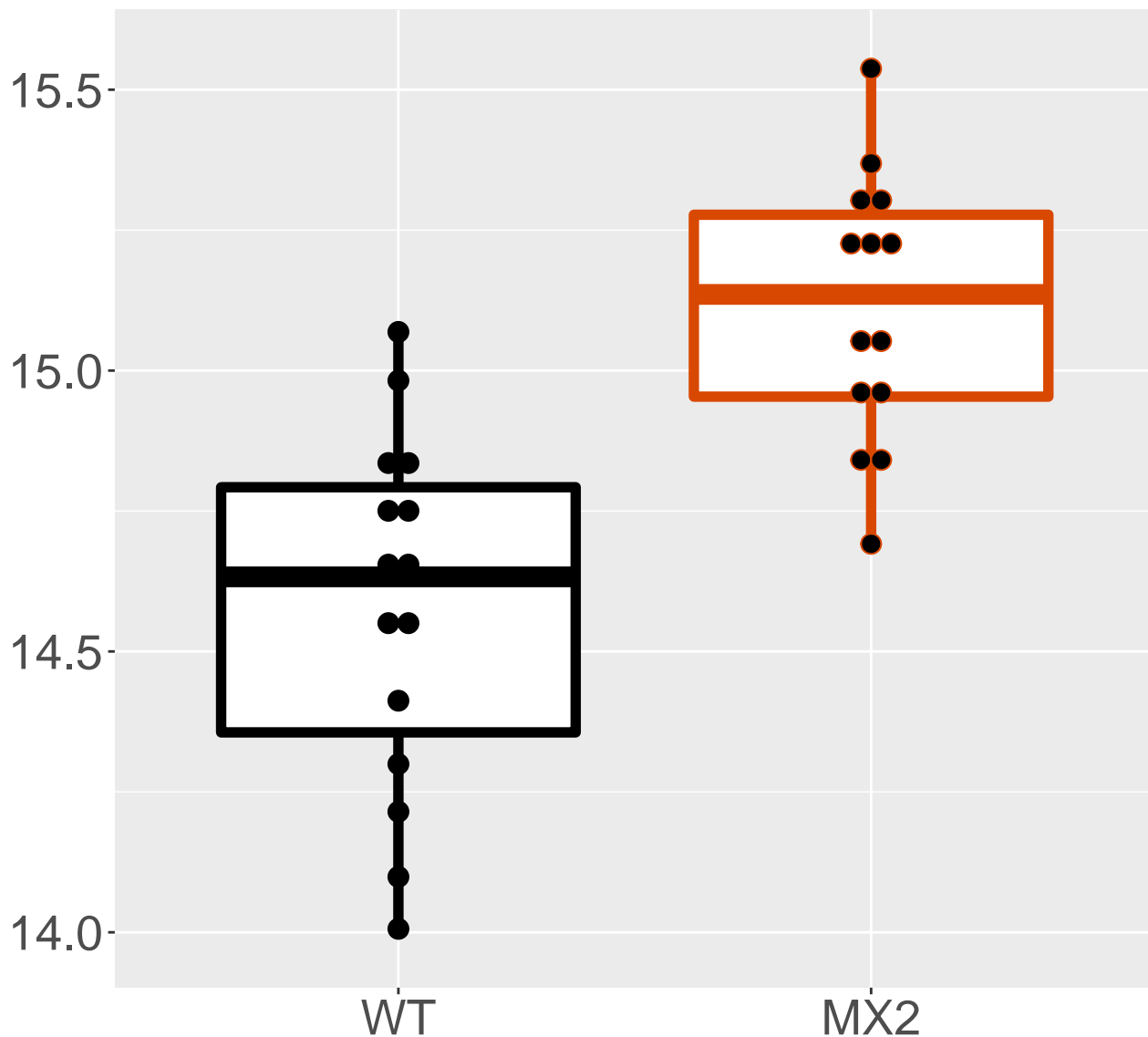
**M621.447T299.34\_4**  
**FDR = 0.0017, FC = 1.3**





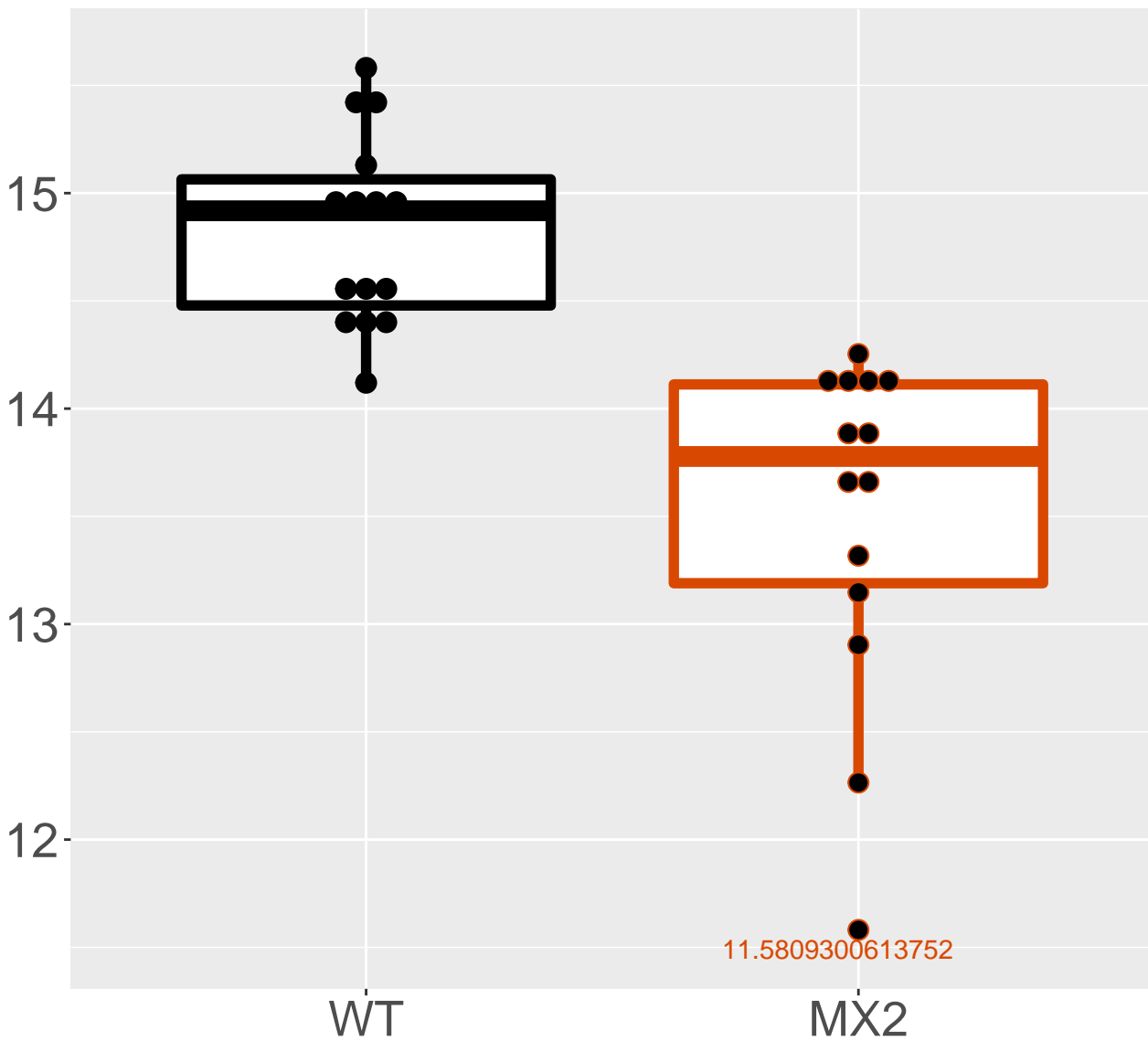
**M260.9754T50.13**

**FDR = 0.0022, FC = 0.54, sex\***



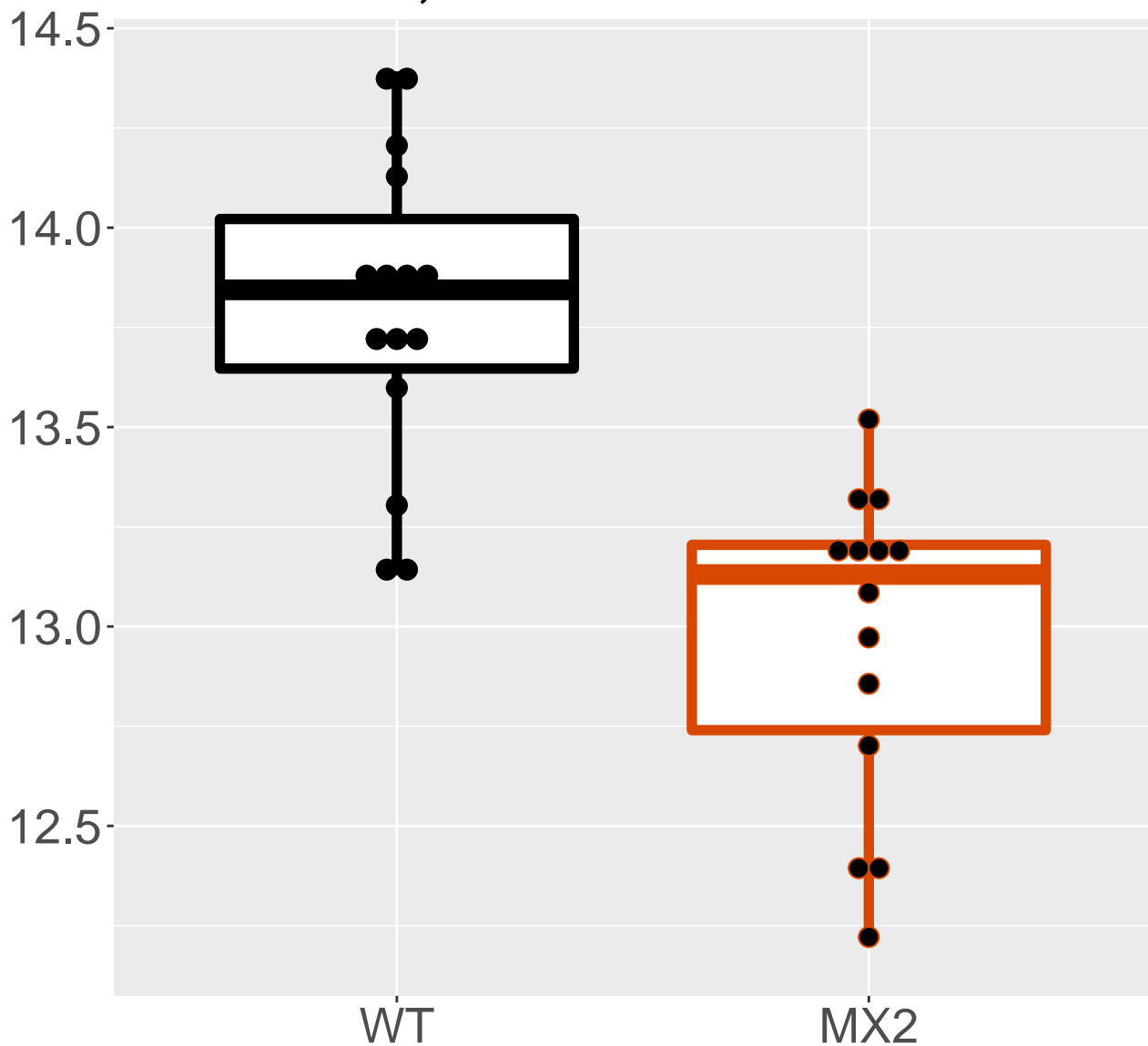
**M580.6222T302.22\_1**

**FDR = 0.0023, FC = -1.3**



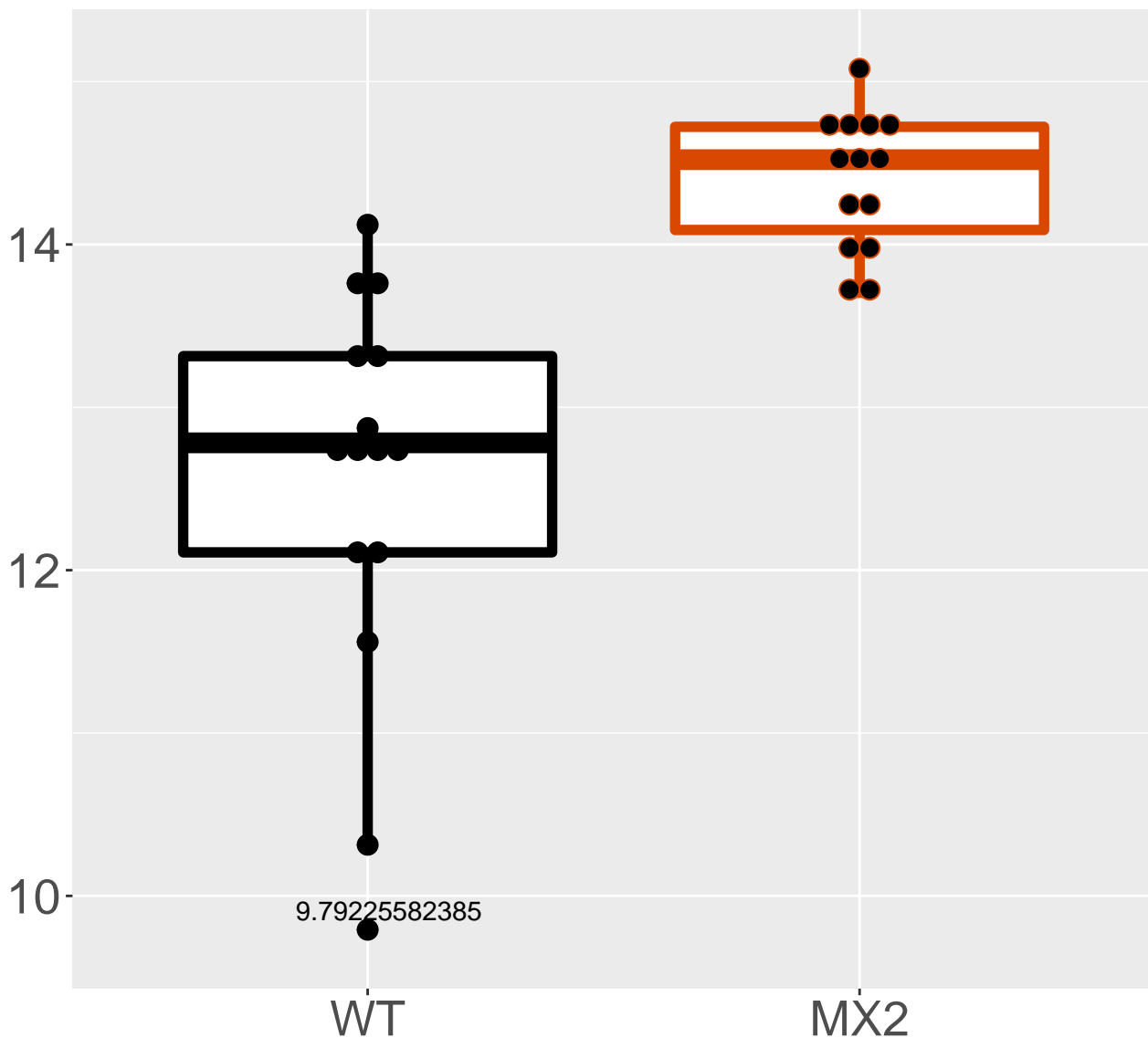
**M777.8718T328.97\_1**

**FDR = 0.0023, FC = -0.83**



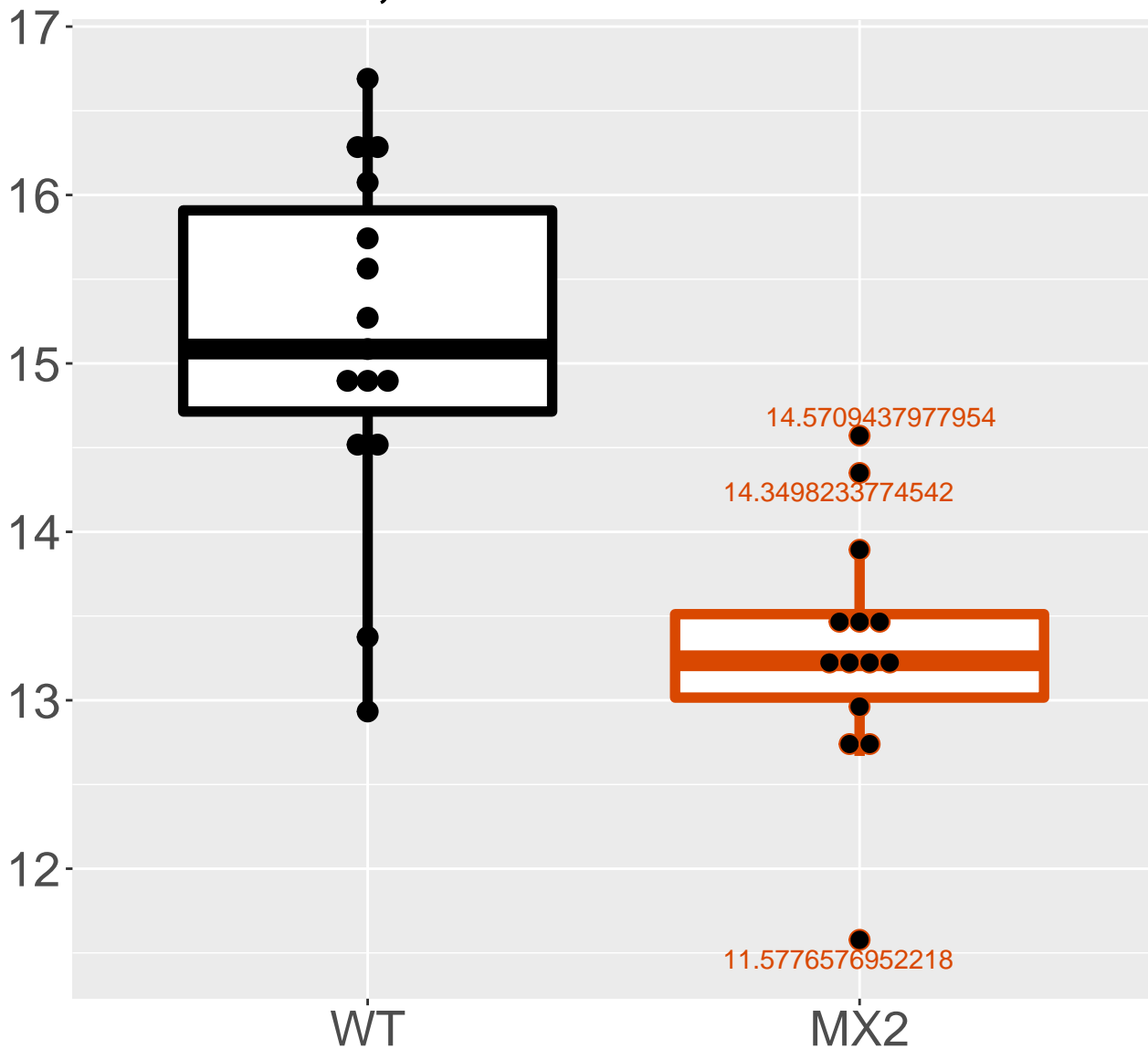
**M717.8562T369.1\_3**

**FDR = 0.0024, FC = 1.9**

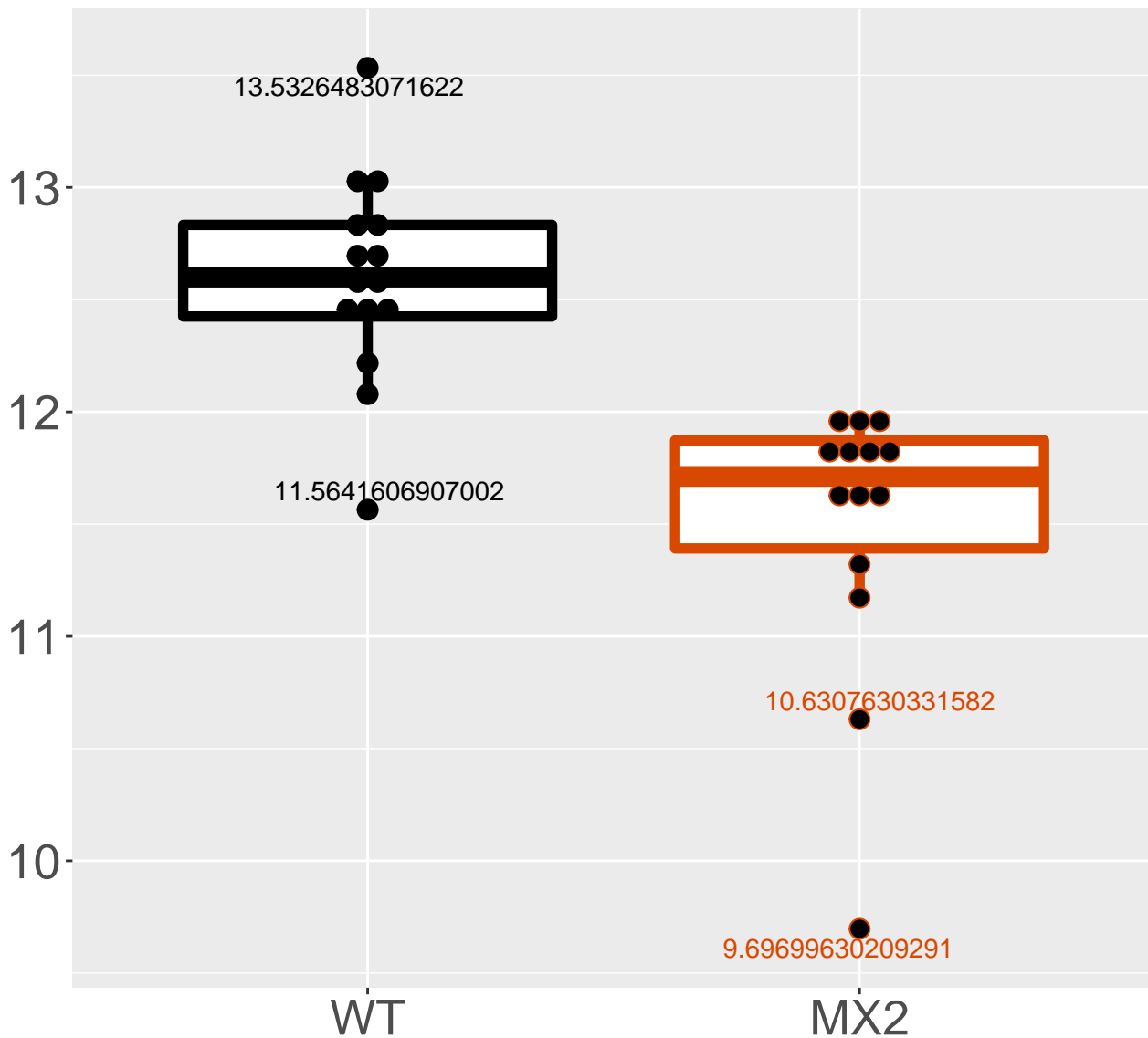


**M440.4485T65.06**

**FDR = 0.0024, FC = -1.8**

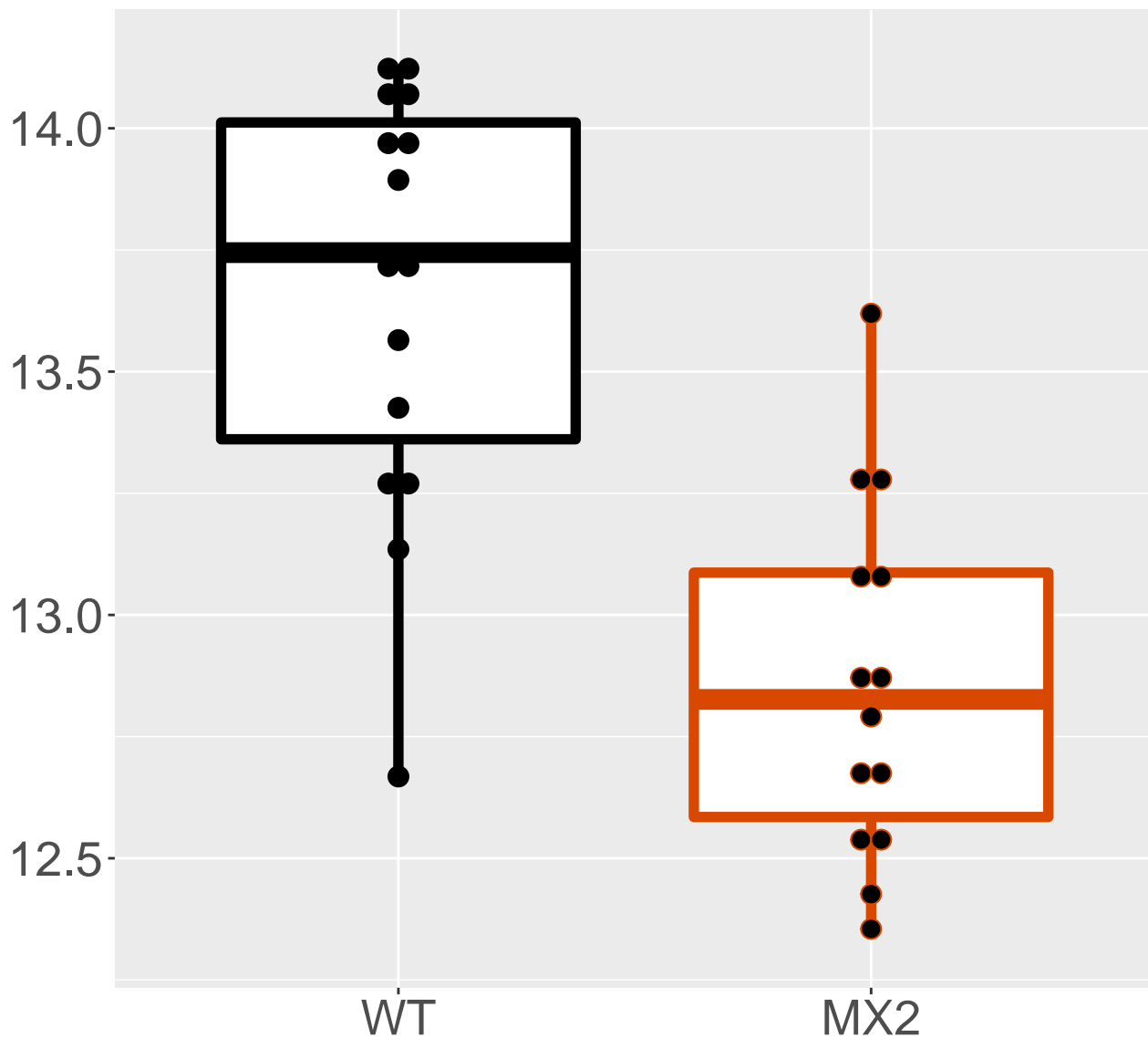


**M726.3435T349.31**  
**FDR = 0.0024, FC = -1.1**



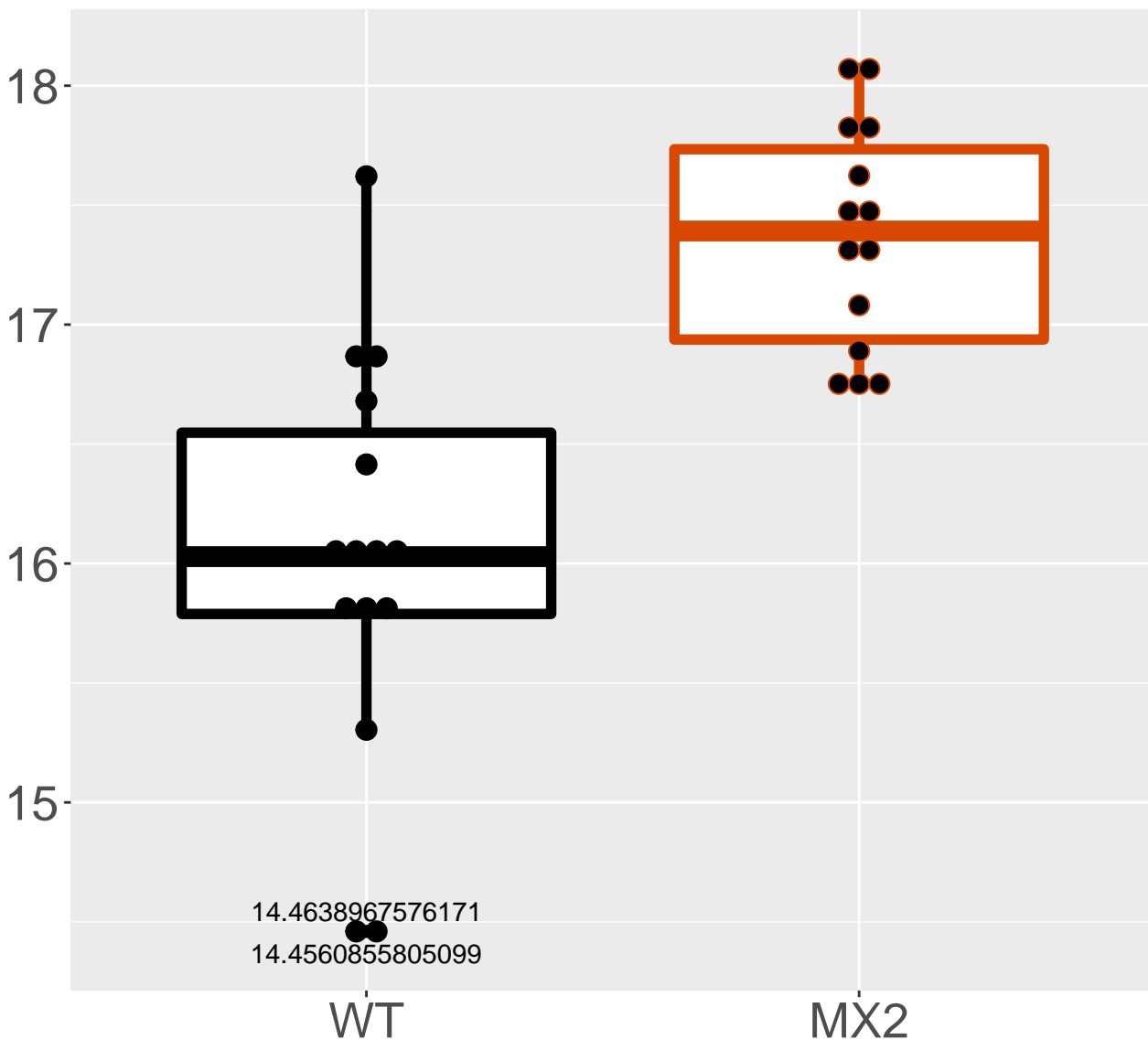
**M591.7709T274.08\_1**

**FDR = 0.0024, FC = -0.8**



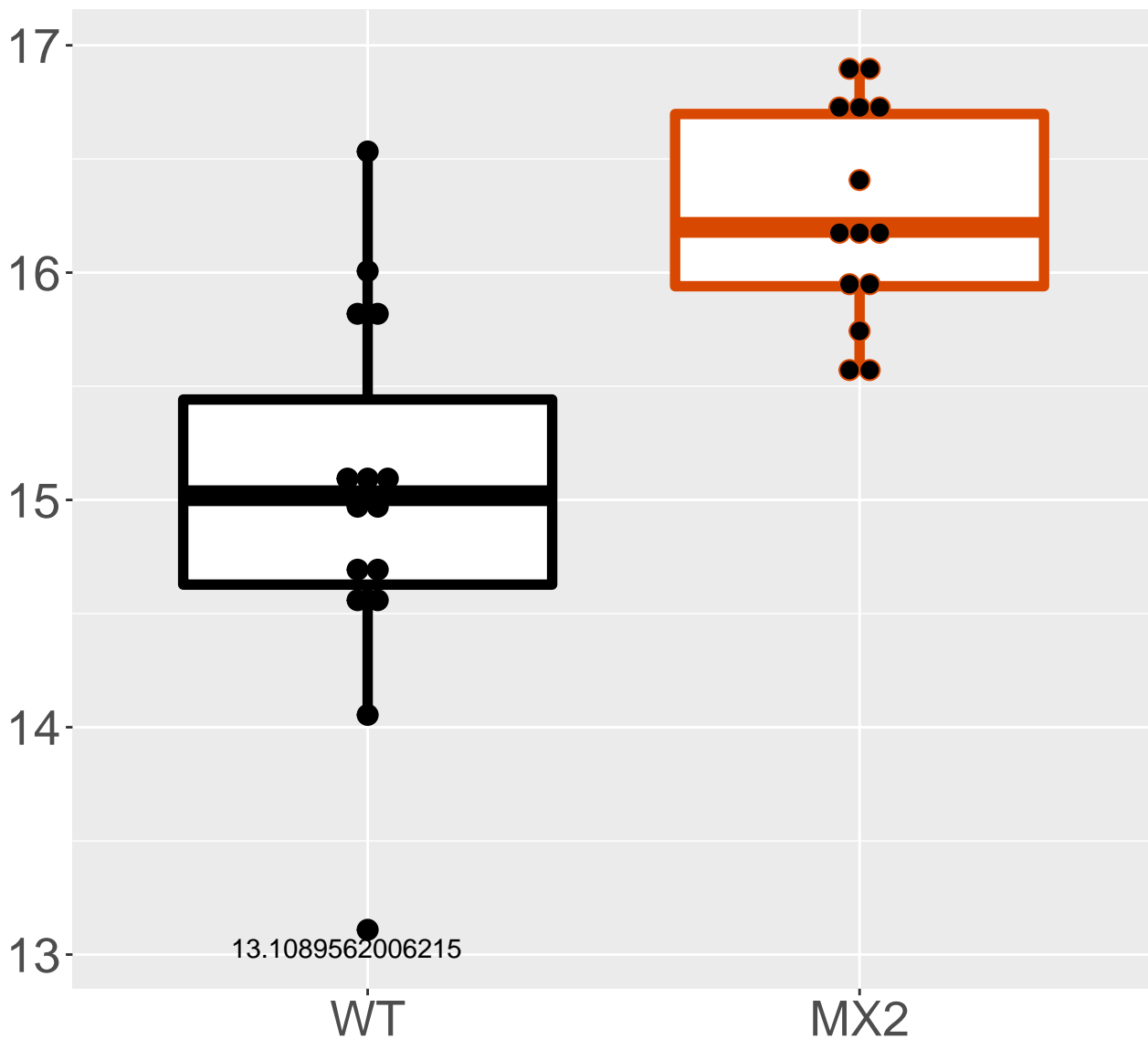
**M709.9381T299.42\_3**

**FDR = 0.0025, FC = 1.3**

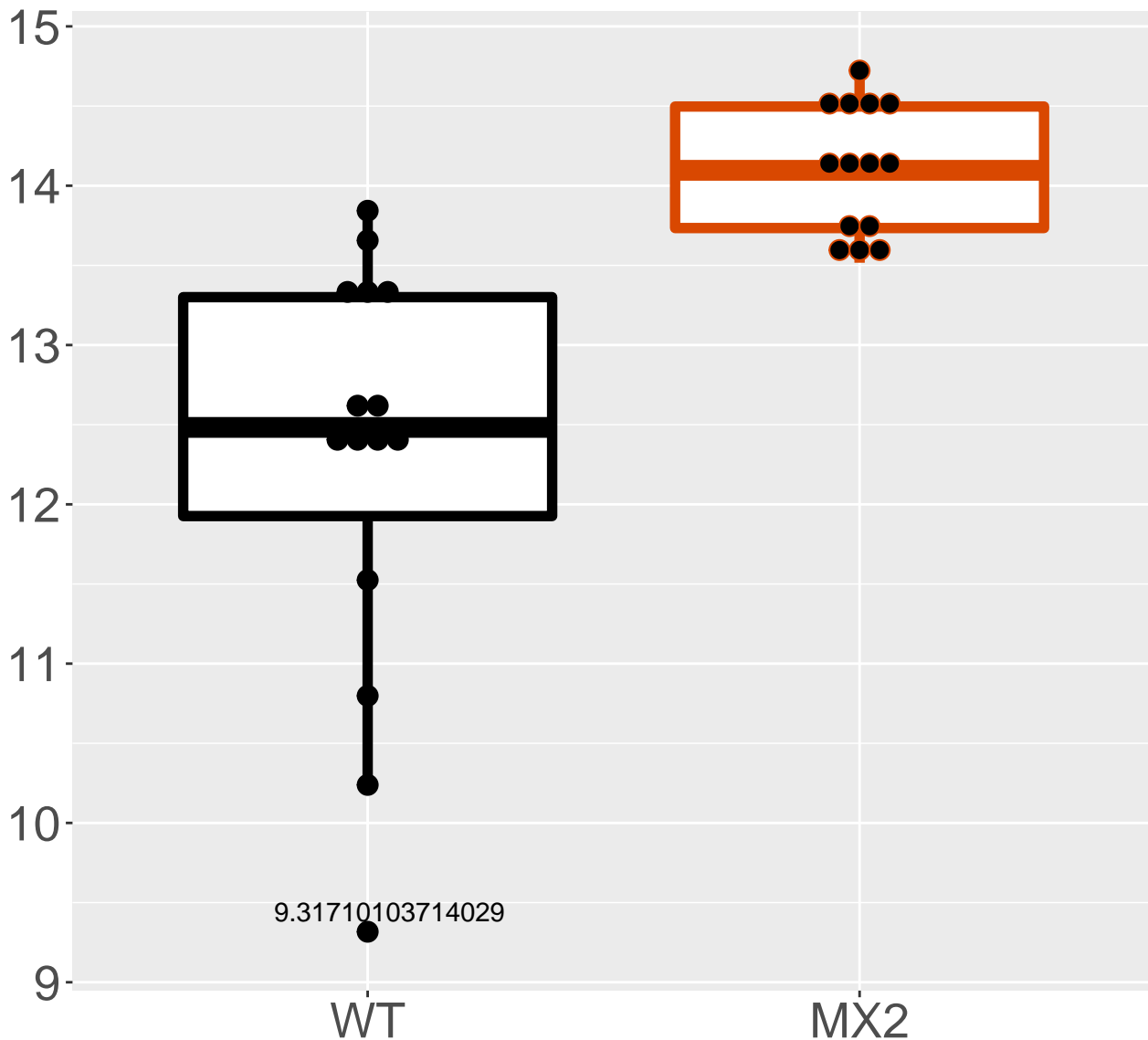




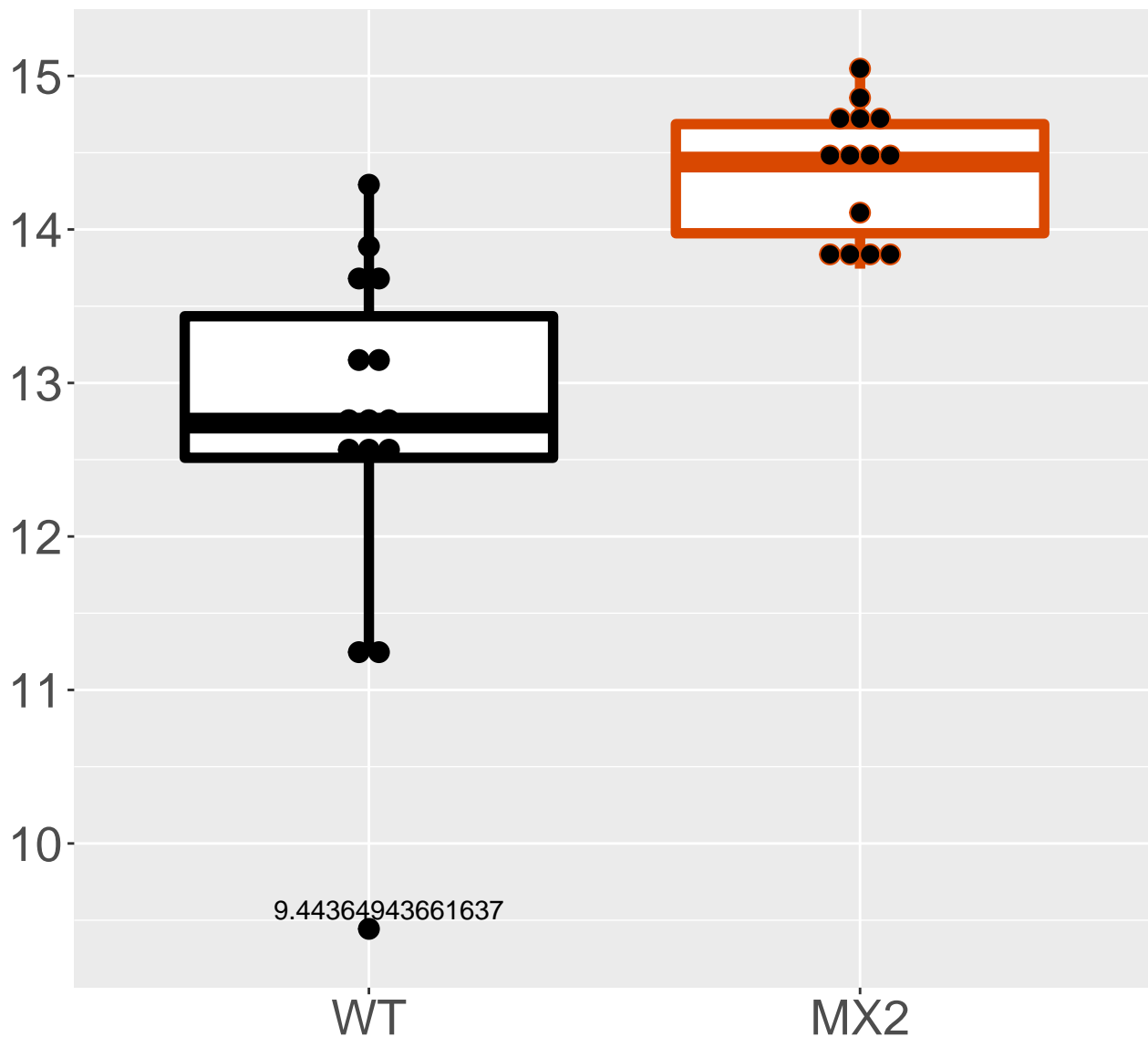
**M827.9267T299.17\_2**  
**FDR = 0.0044, FC = 1.3**



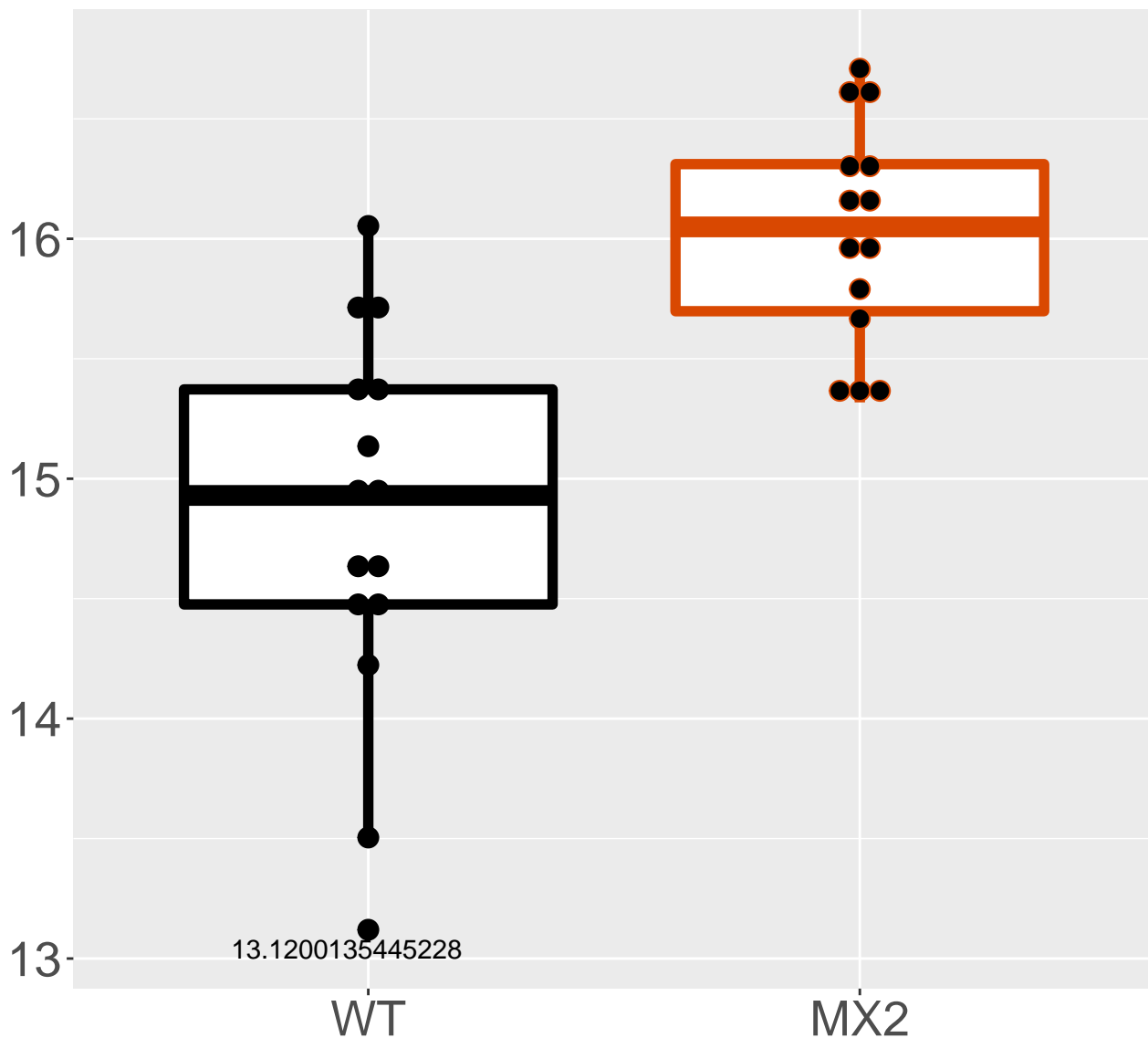
**M819.8339T368.96\_1**  
**FDR = 0.0047, FC = 1.8**



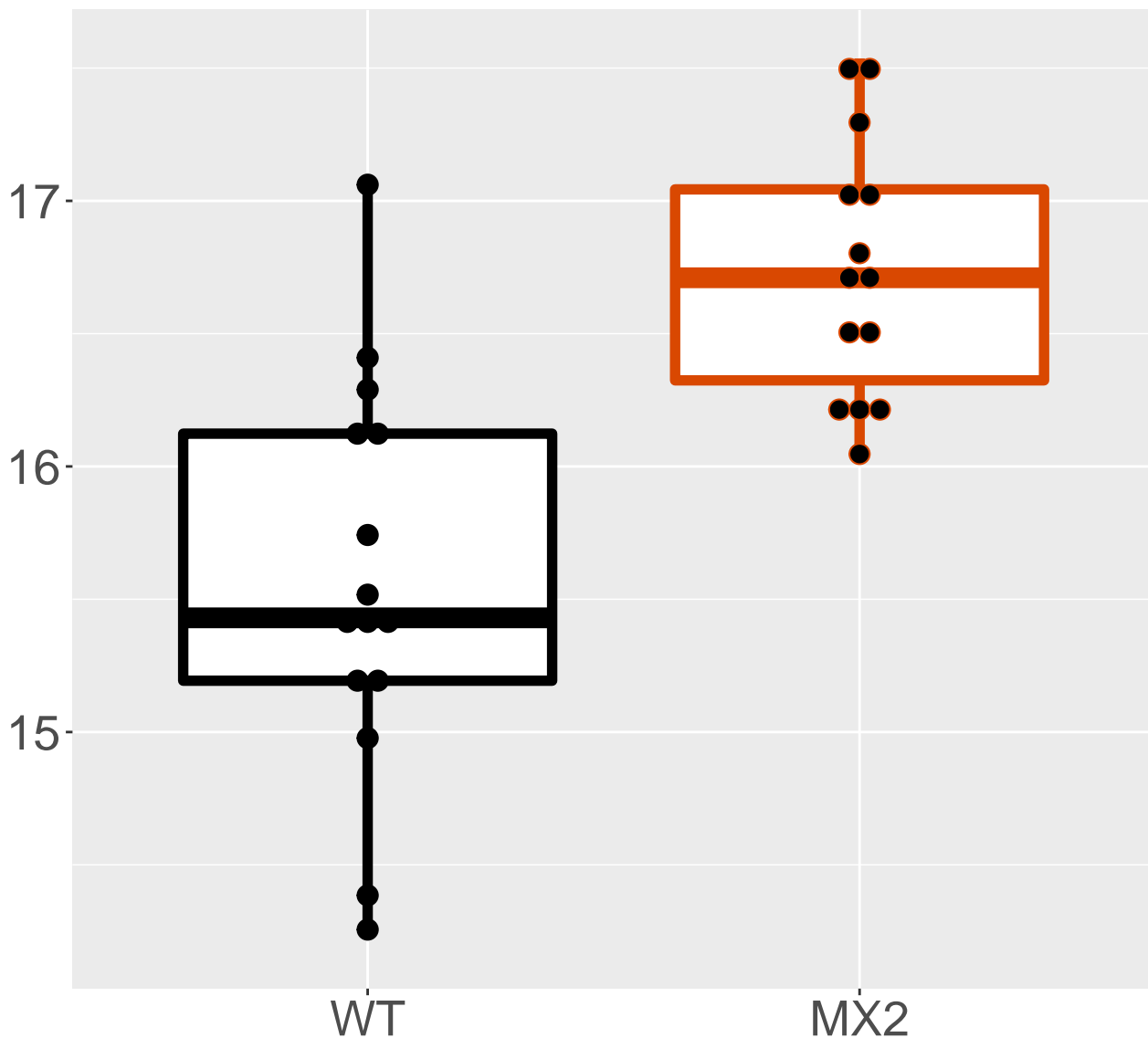
**M820.4065T369.05\_5**  
**FDR = 0.0047, FC = 1.7**



**M710.3678T299.37\_6**  
**FDR = 0.0047, FC = 1.2**

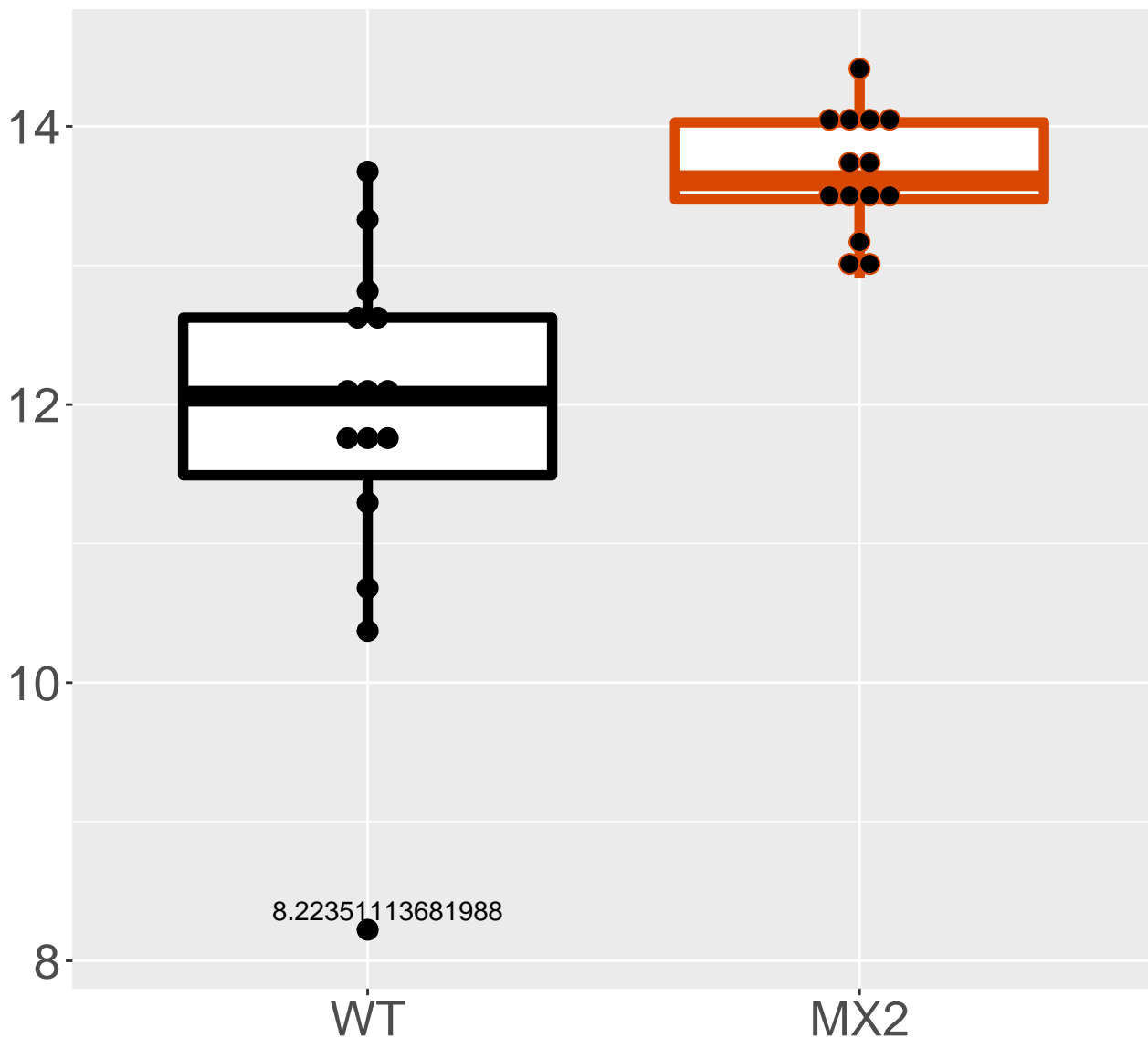


**M709.7949T299.15\_2**  
**FDR = 0.0047, FC = 1.2**

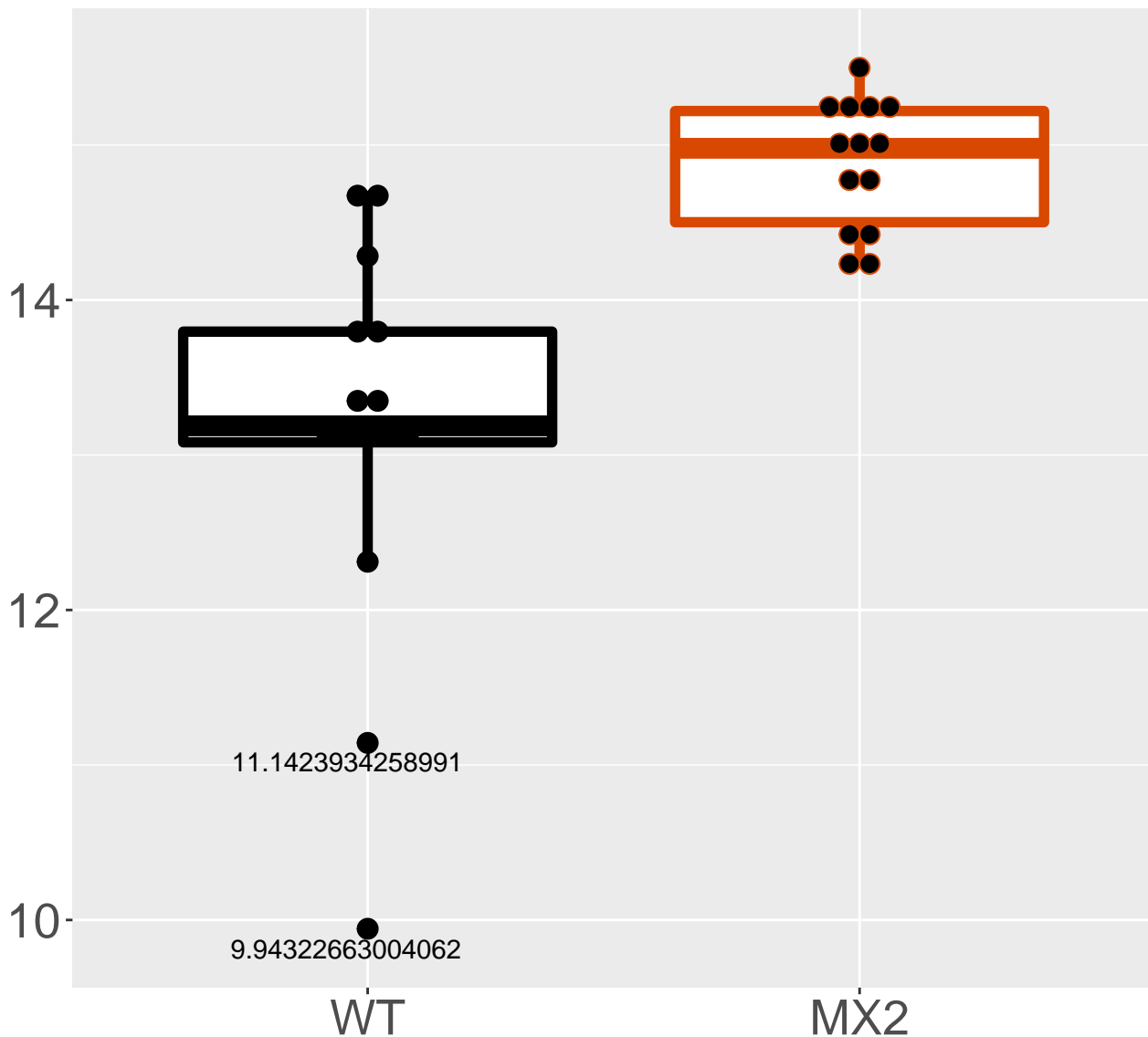


**M717.4803T368.81**

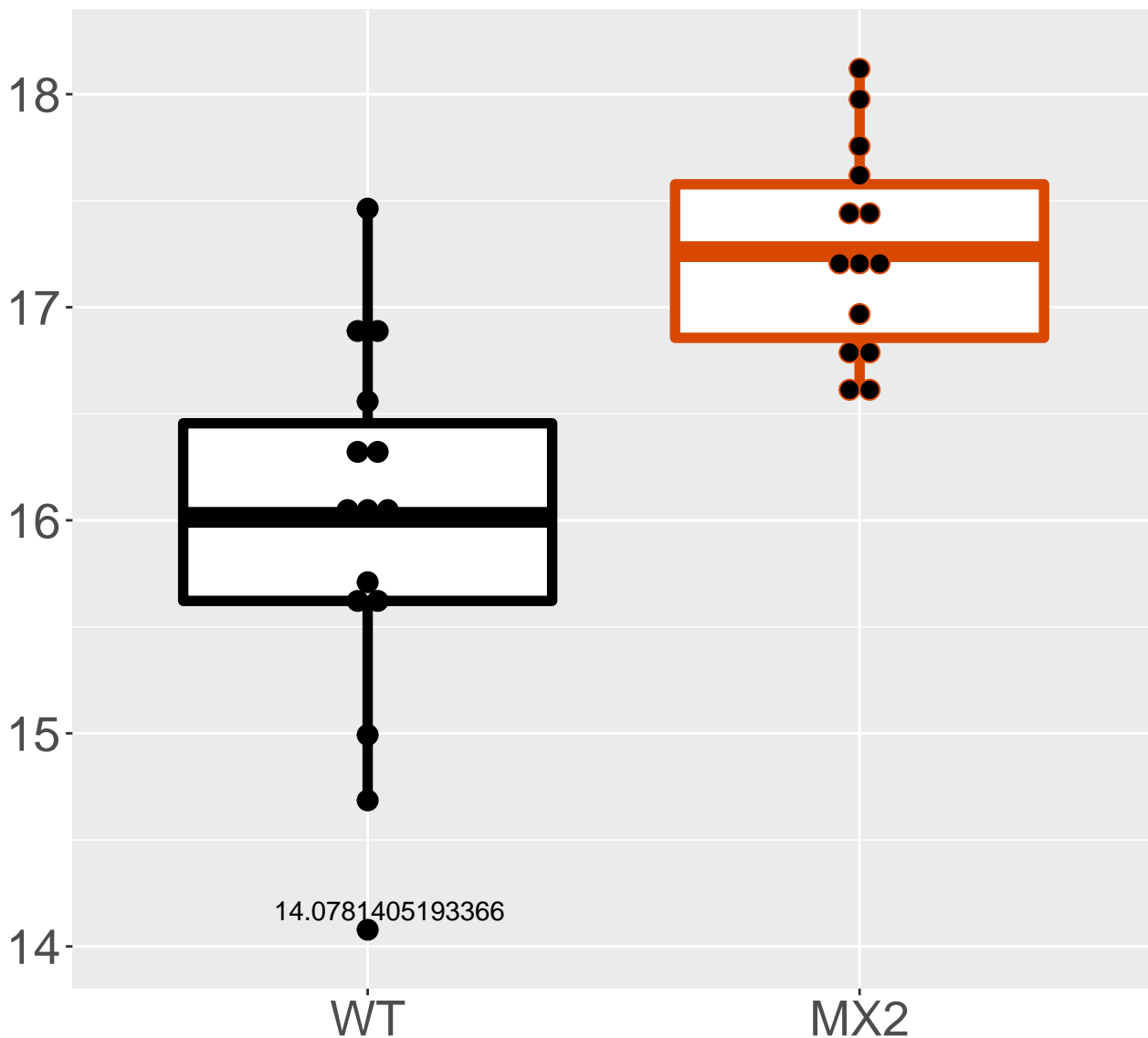
**FDR = 0.0048, FC = 1.8**



**M819.9771T369.05\_2**  
**FDR = 0.0048, FC = 1.8**

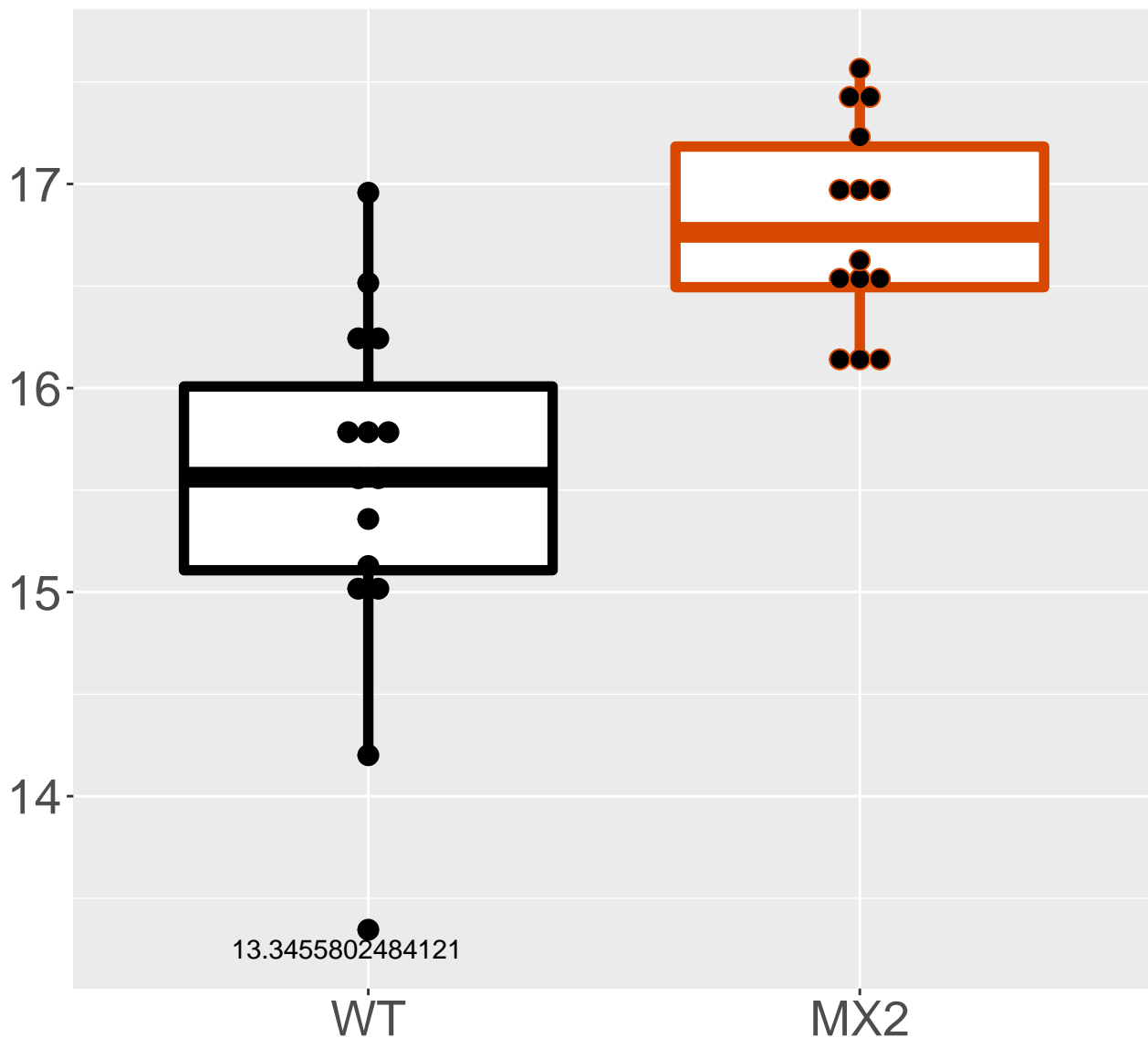


**M710.0814T299.4\_4**  
**FDR = 0.0048, FC = 1.3**



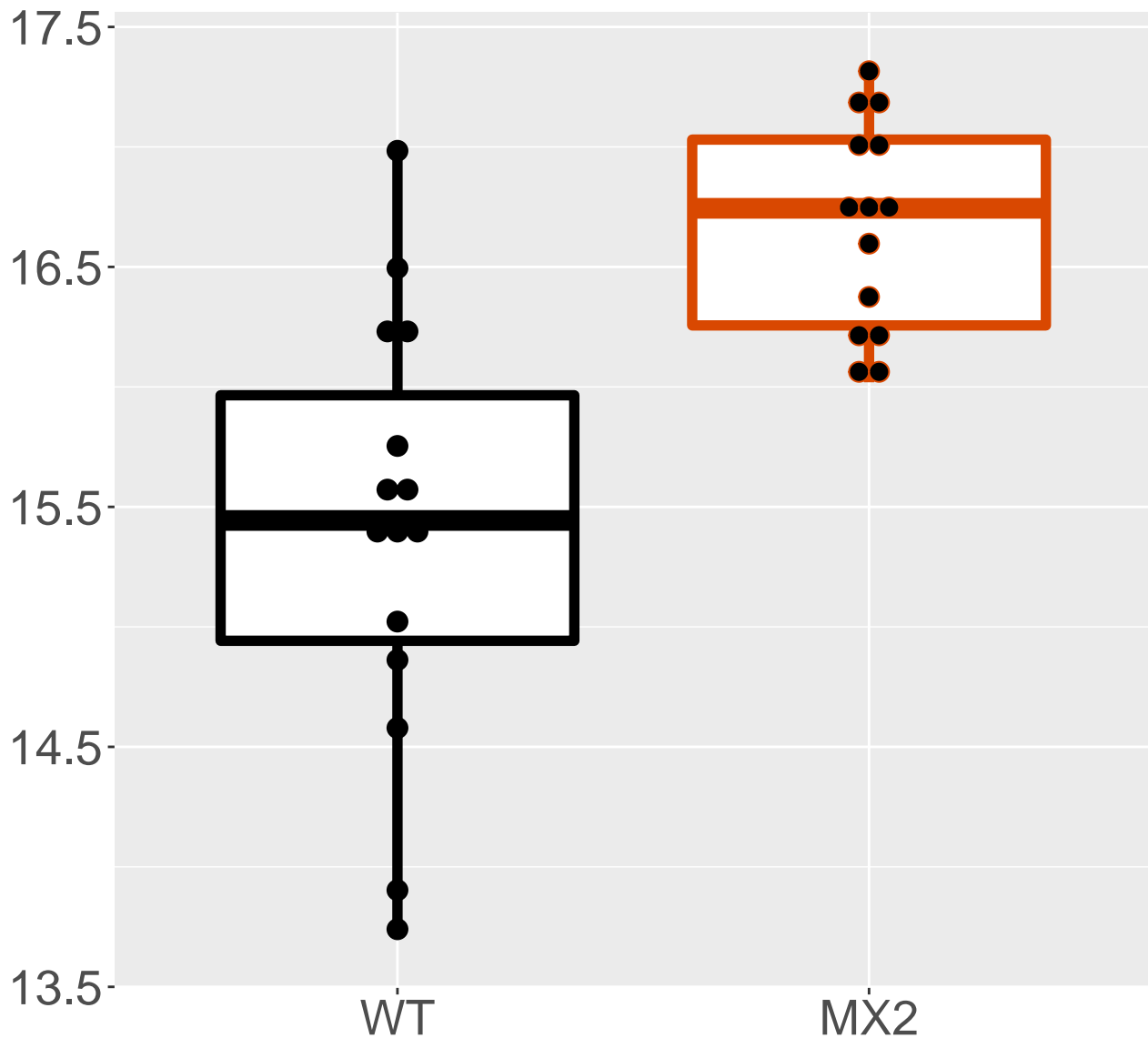


**M710.2244T299.42\_5**  
**FDR = 0.0048, FC = 1.3**



**M828.2607T299.15\_4**

**FDR = 0.0062, FC = 1.3**



**M717.6056T369.03\_1**

**FDR = 0.0069, FC = 1.7**



14.

13.

12.

11.

10.

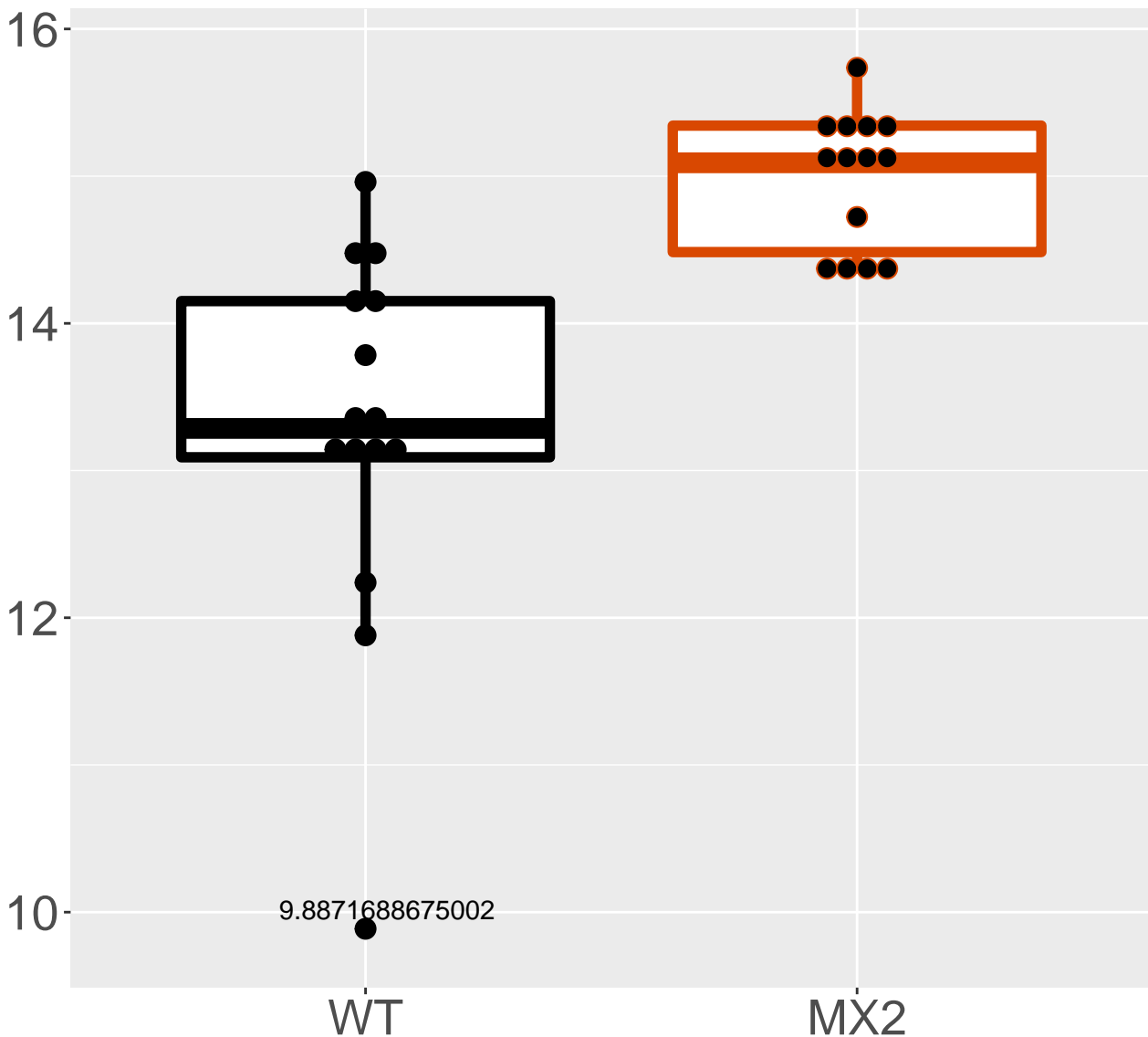
10.1462905725409

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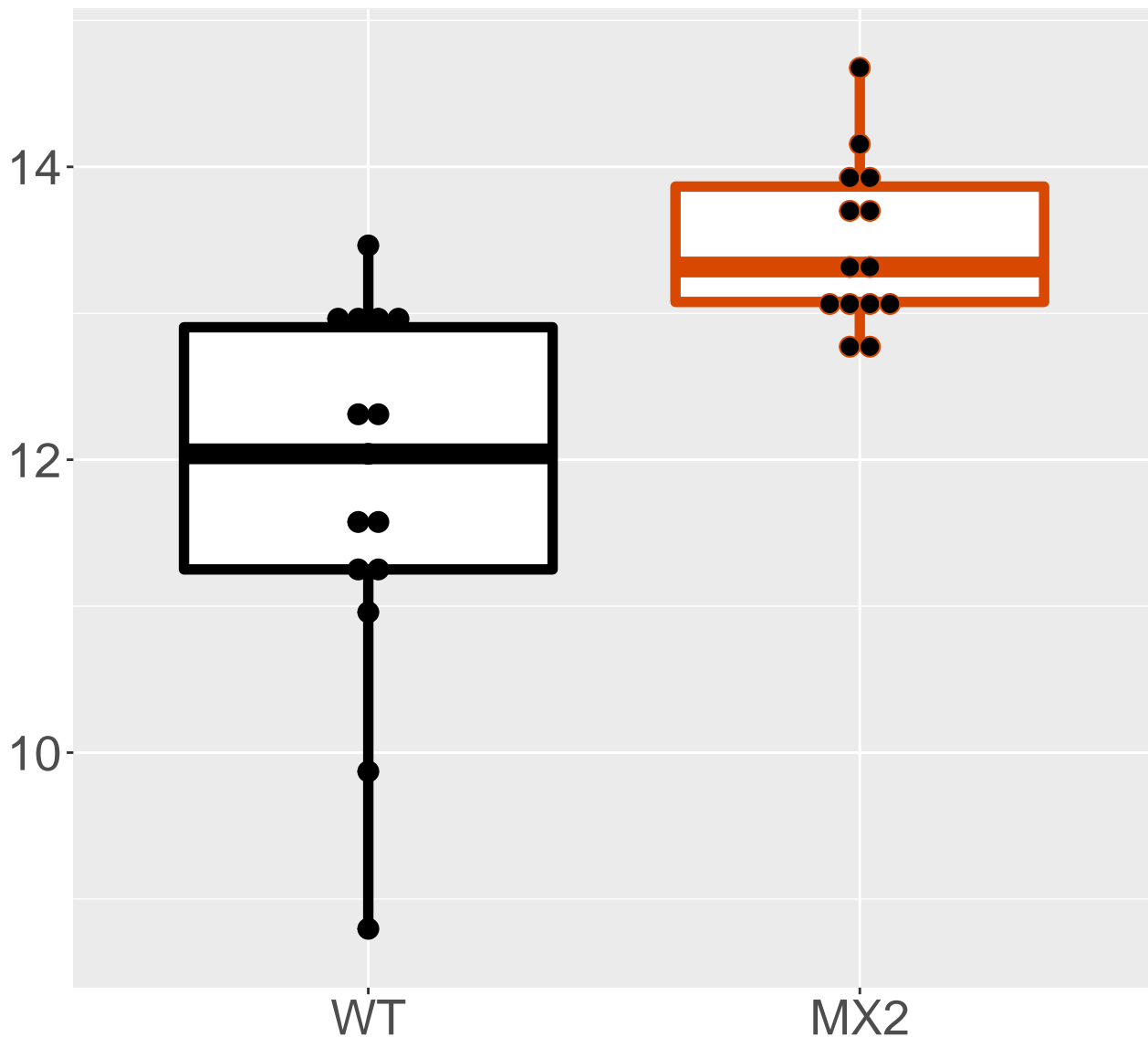
WT

# MX2

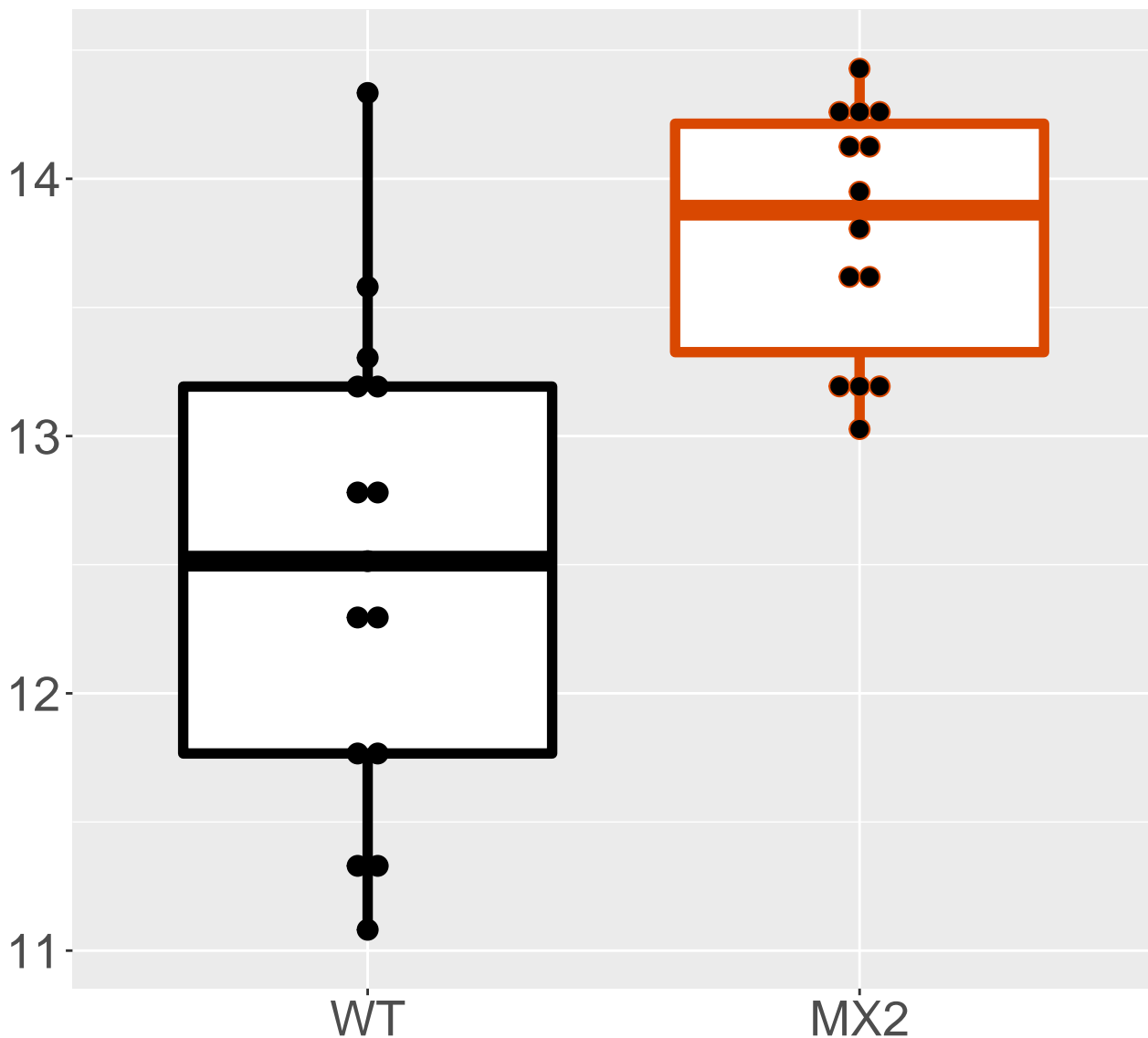
**M820.1202T369.09\_3**  
**FDR = 0.0069, FC = 1.7**



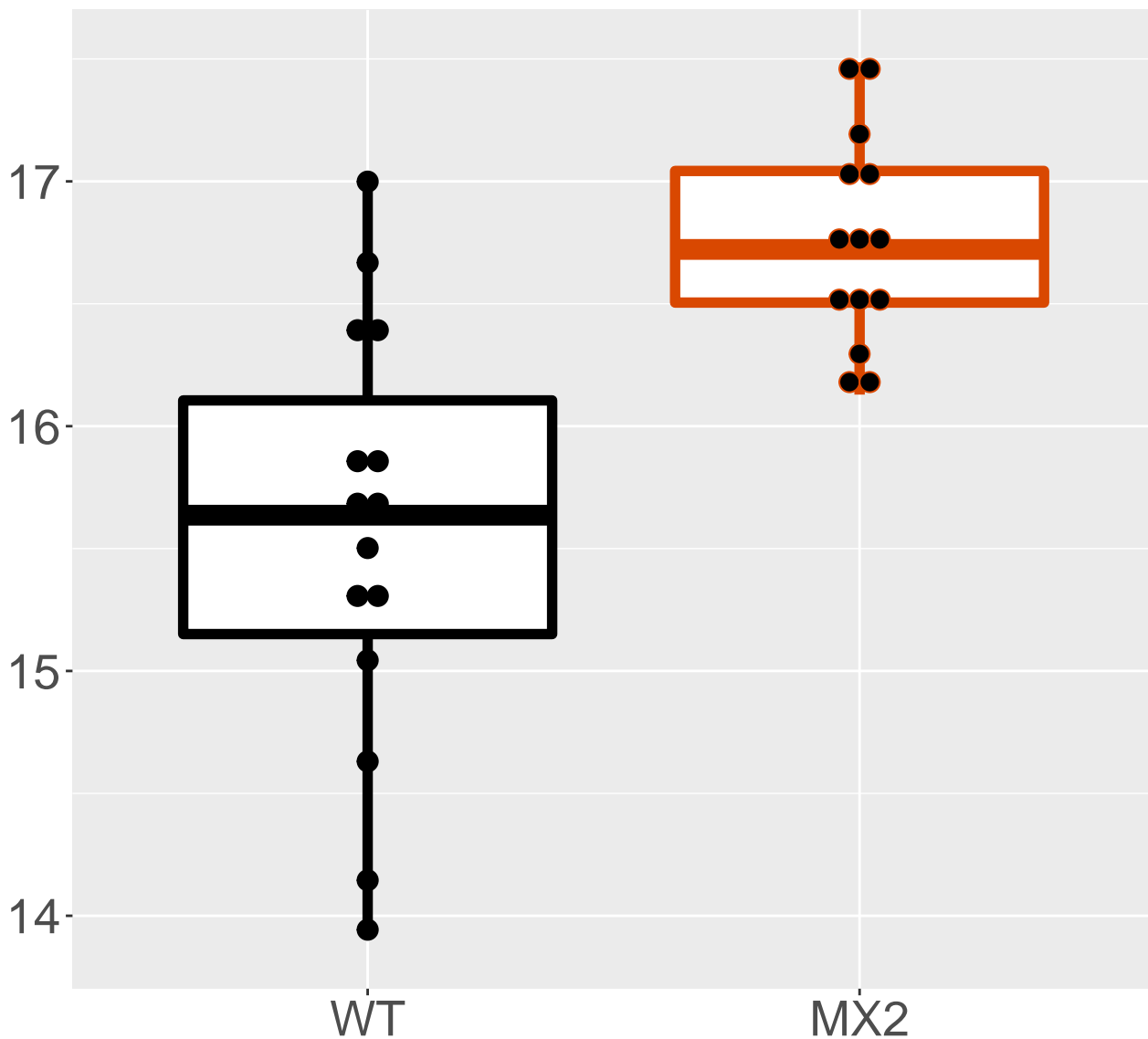
**M846.8436T371.05\_3**  
**FDR = 0.0069, FC = 1.7**



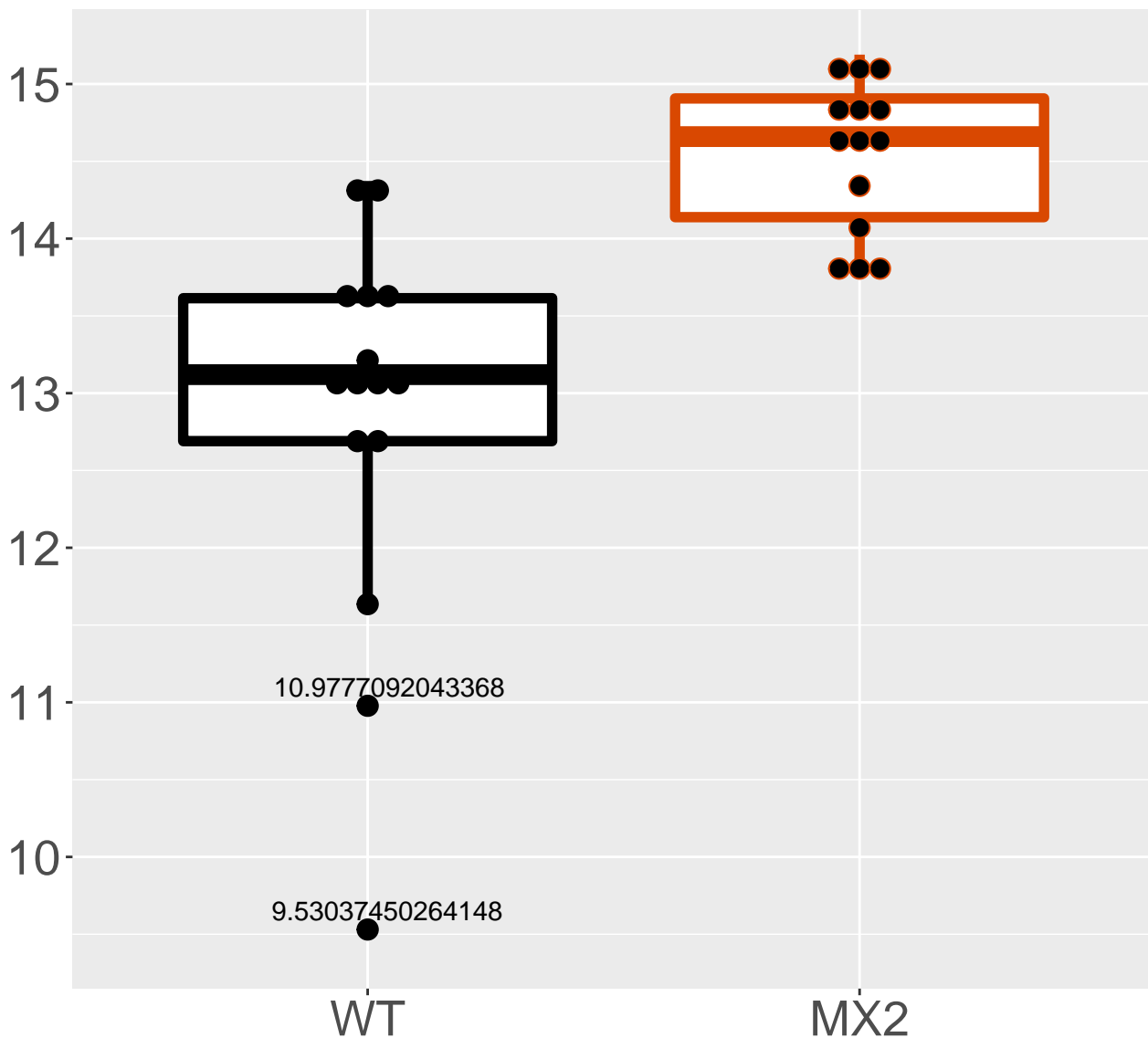
**M621.8228T299.19\_3**  
**FDR = 0.0073, FC = 1.3**



**M828.0934T299.32\_3**  
**FDR = 0.0076, FC = 1.2**



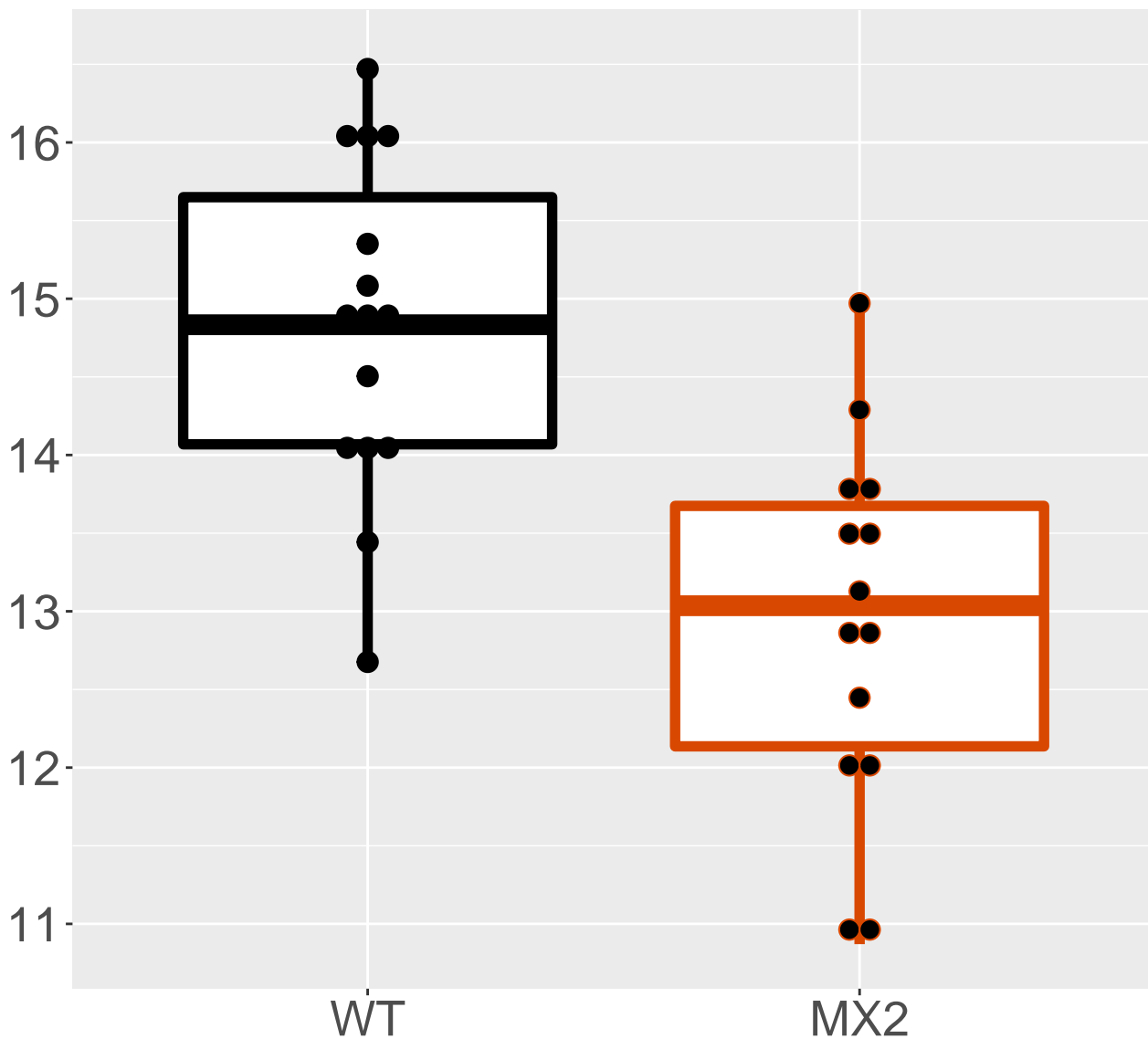
**M717.7309T369.03\_2**  
**FDR = 0.0079, FC = 1.7**





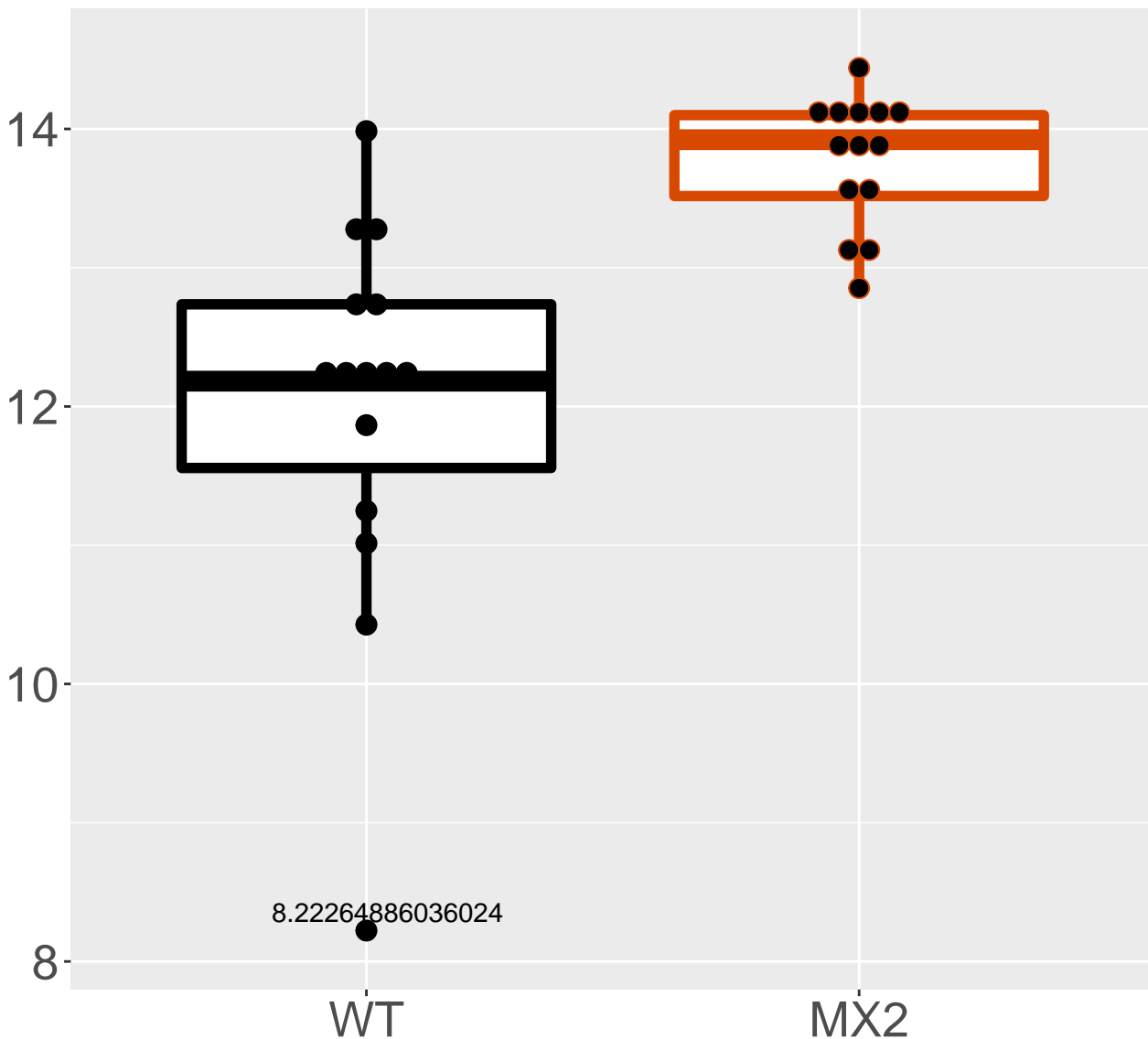
**M440.6992T65.06**

**FDR = 0.0097, FC = -1.9**



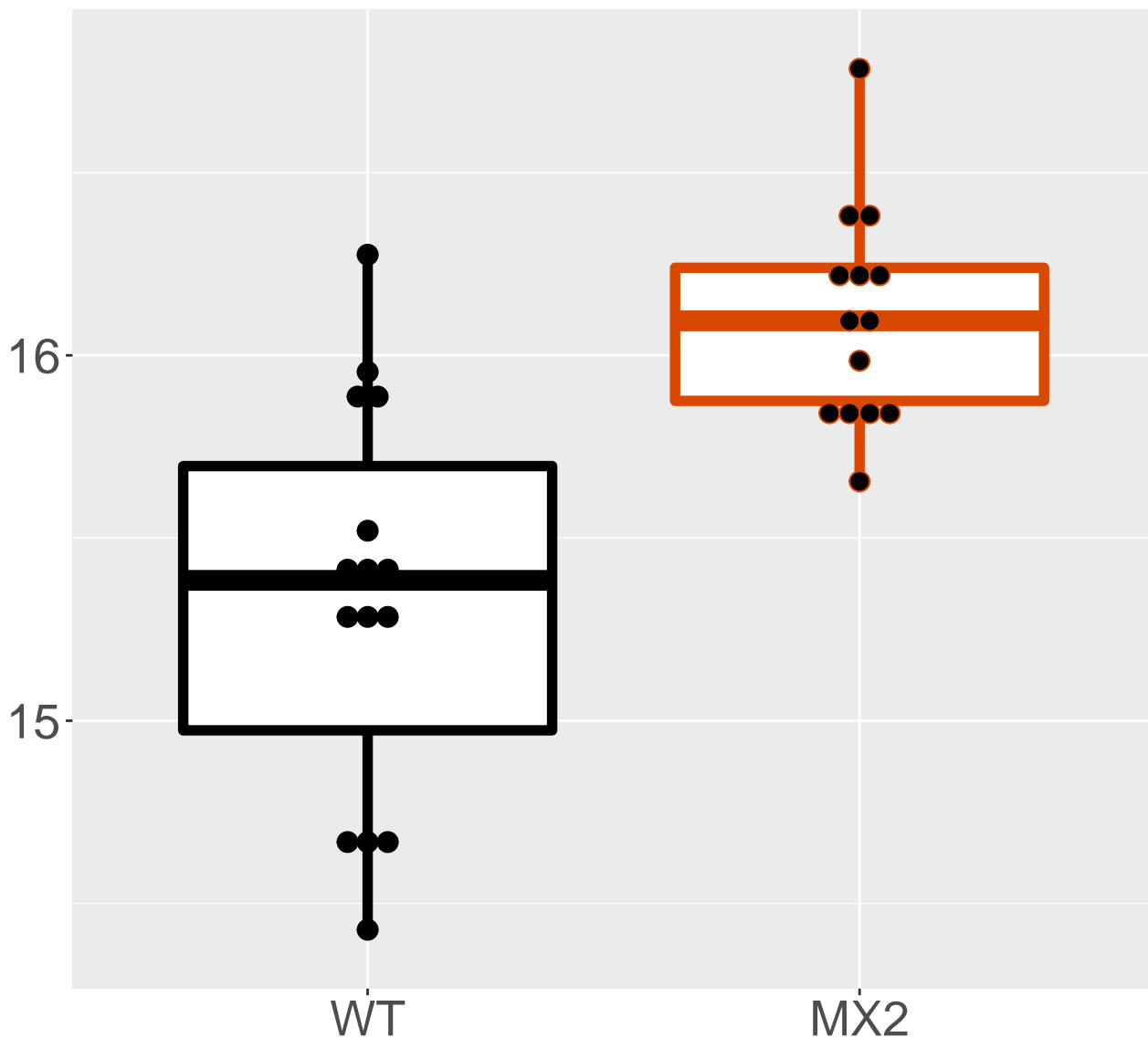
**M717.9815T368.99\_4**

**FDR = 0.0097, FC = 1.8**



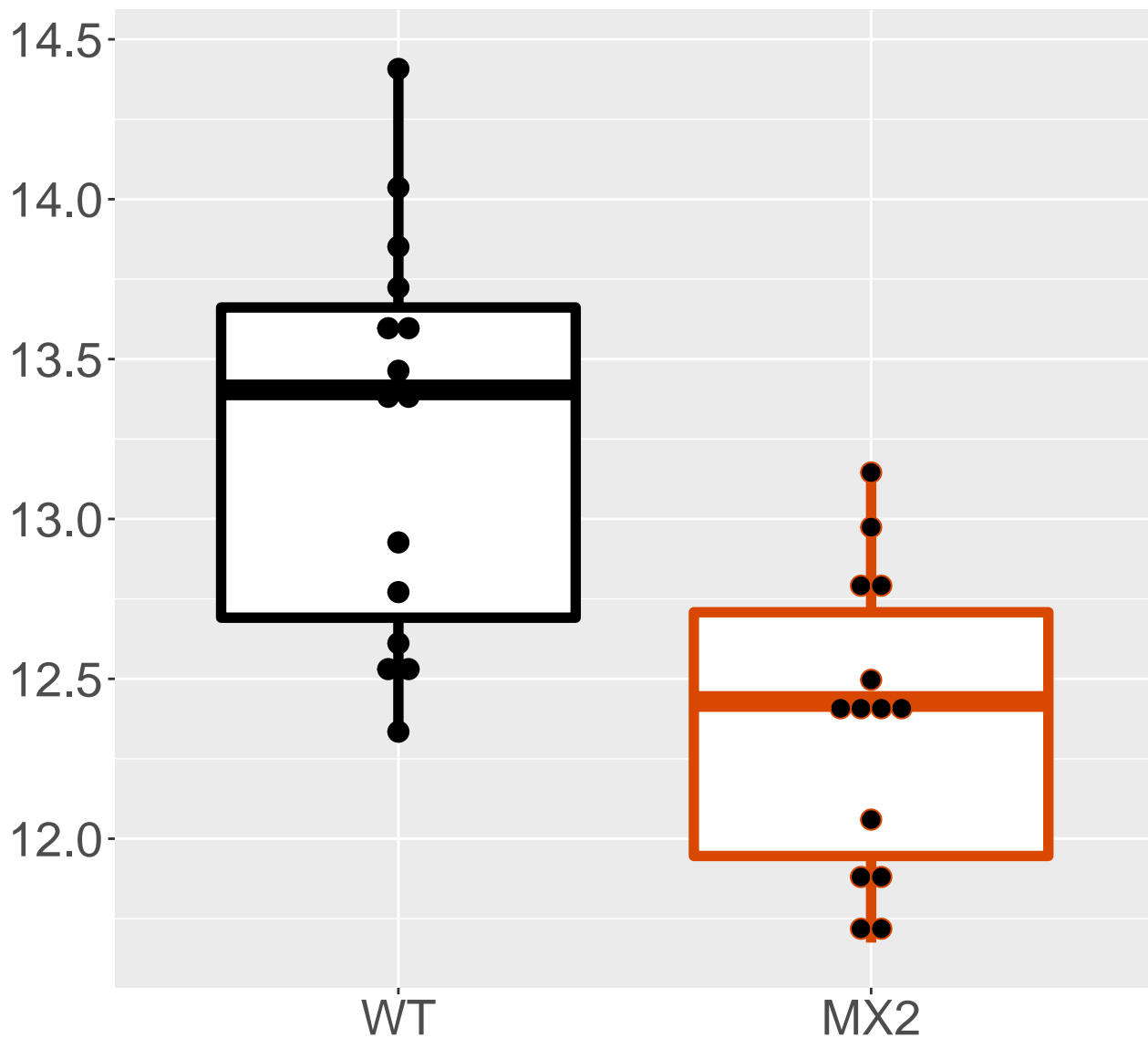
**M617.2549T301.9**

**FDR = 0.0097, FC = 0.77**



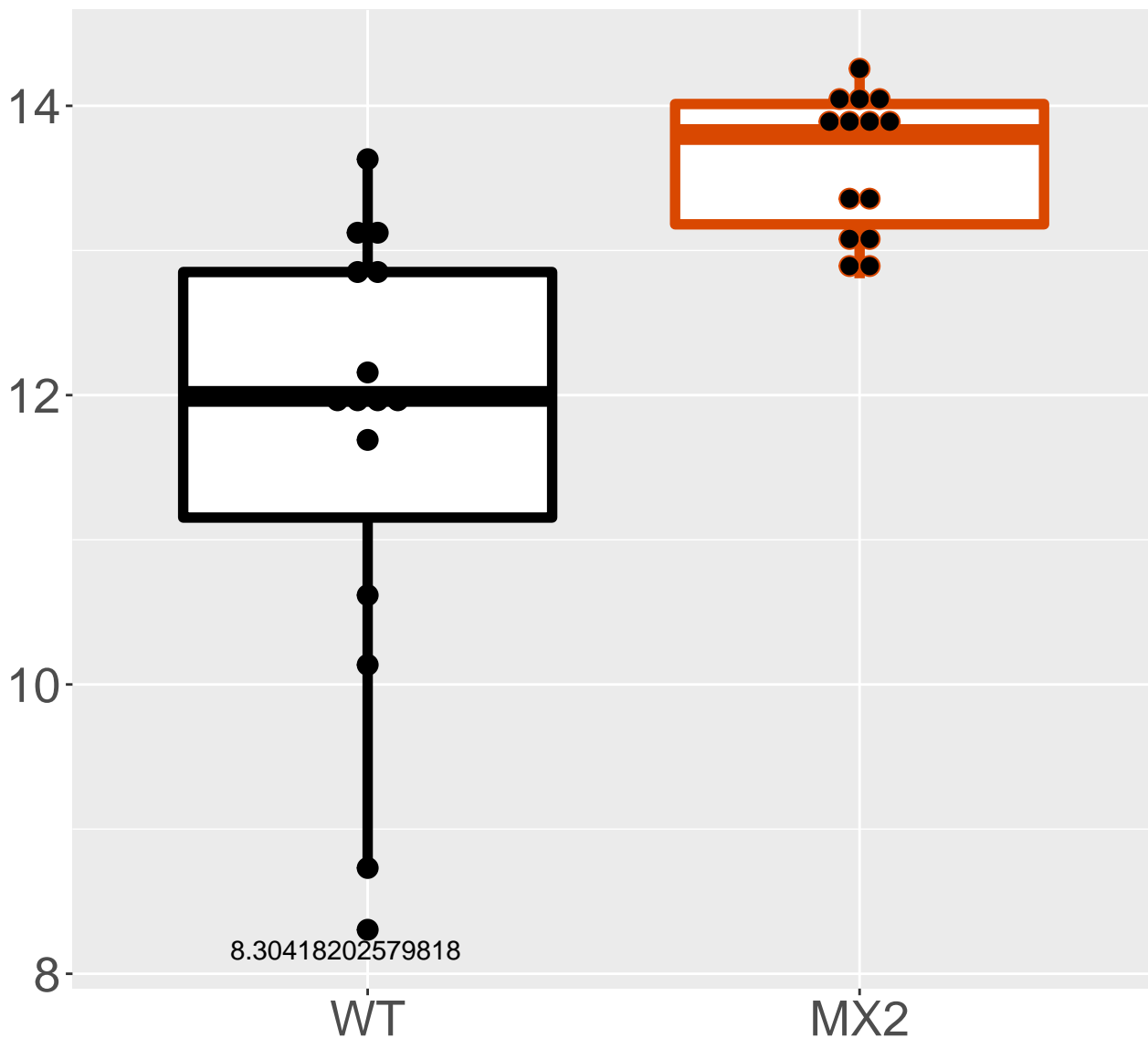
**M217.1558T92.23**

**FDR = 0.01, FC = -0.91**

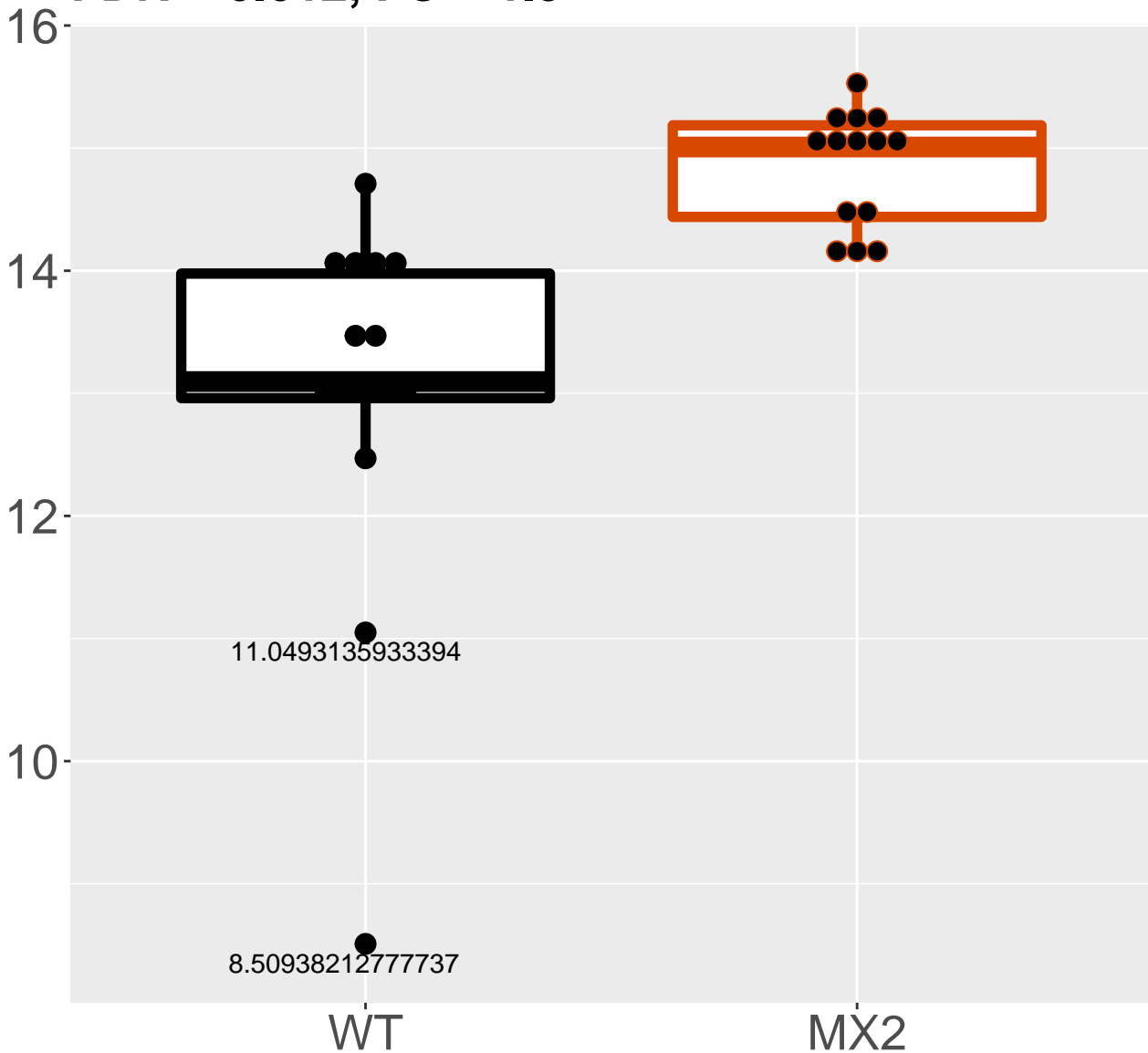


**M956.4724T368.71**

**FDR = 0.012, FC = 1.9**

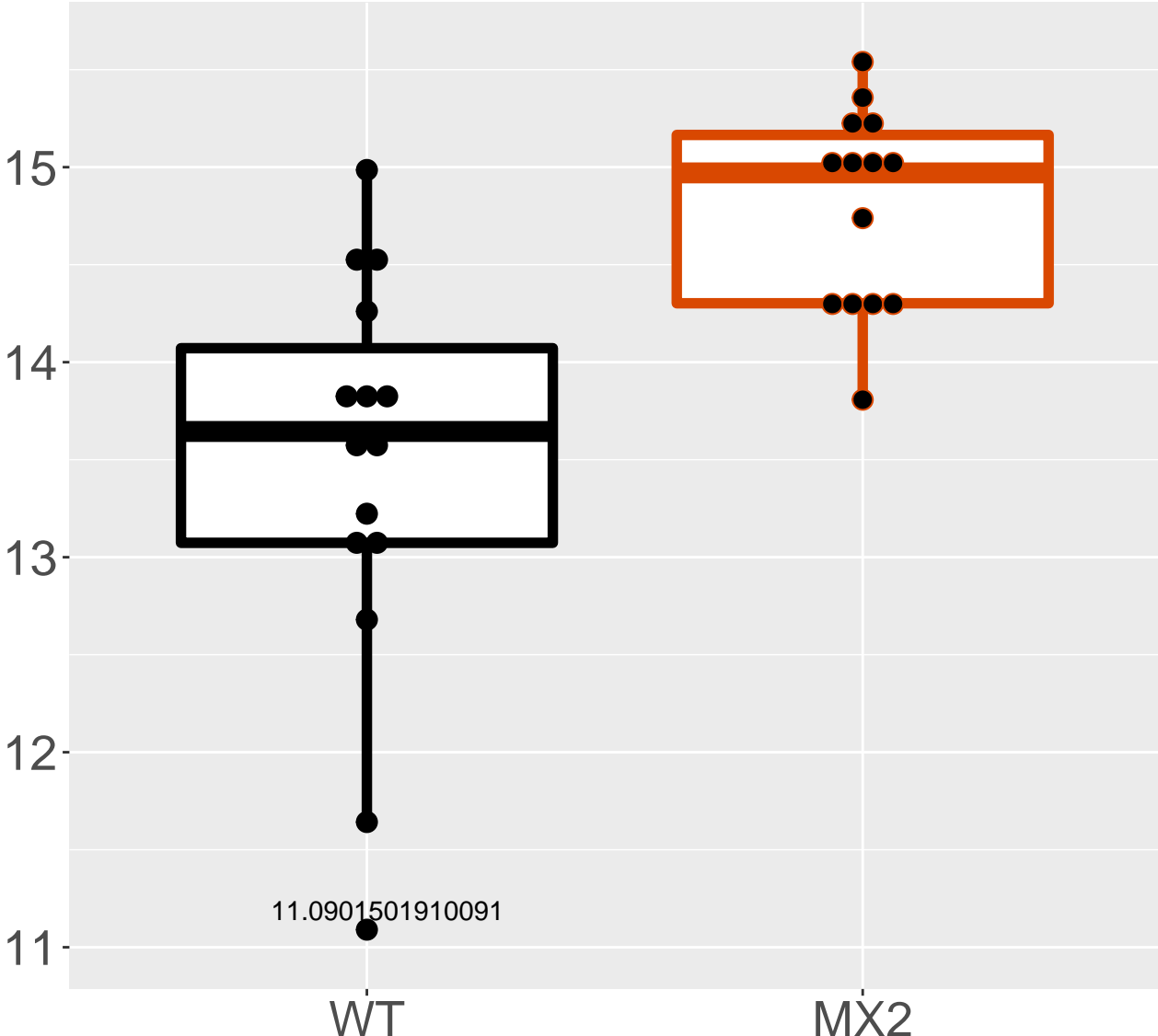


**M820.2634T369.04\_4**  
**FDR = 0.012, FC = 1.9**

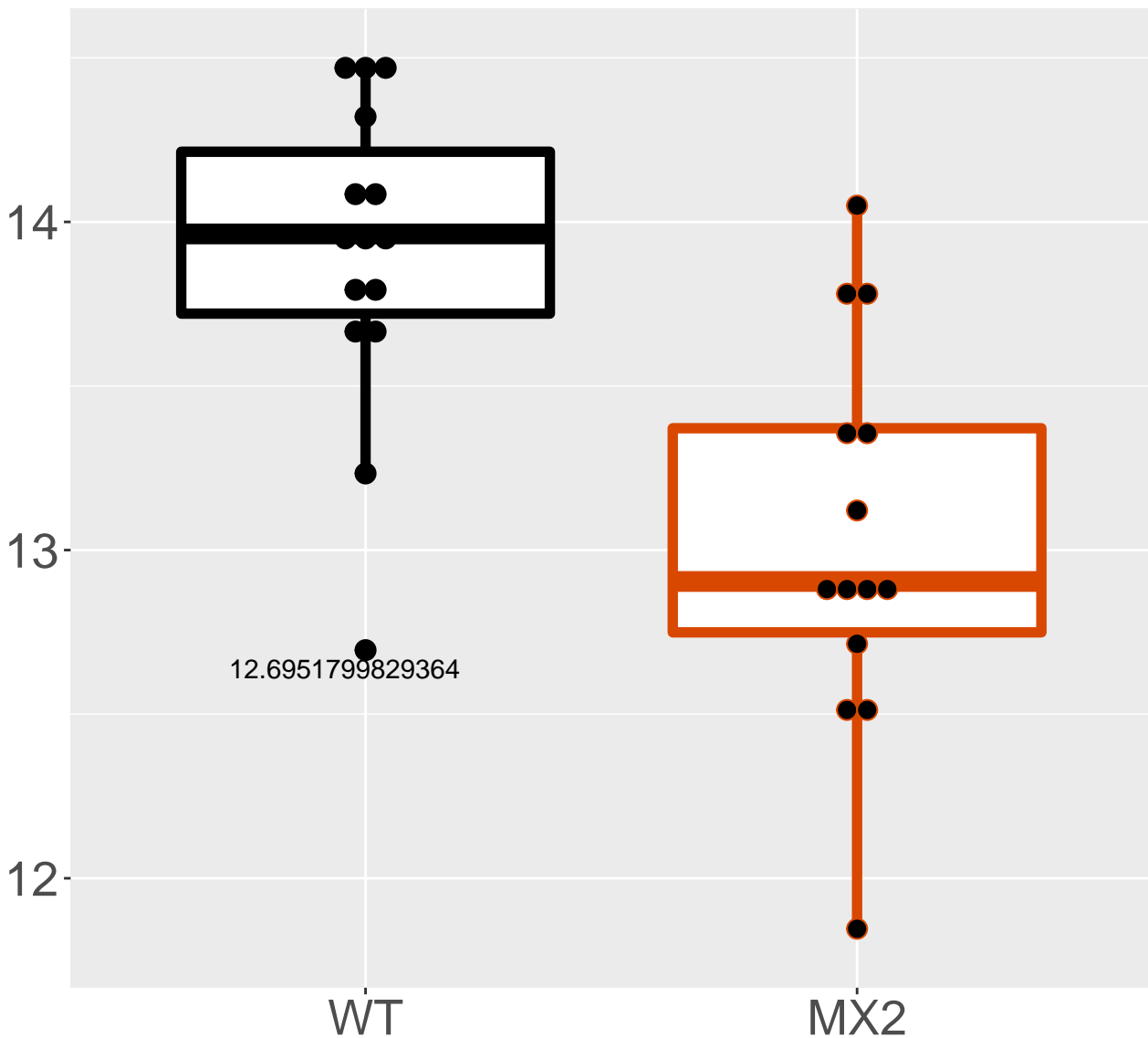


# M827.7596T298.8\_1

**FDR = 0.012, FC = 1.3**

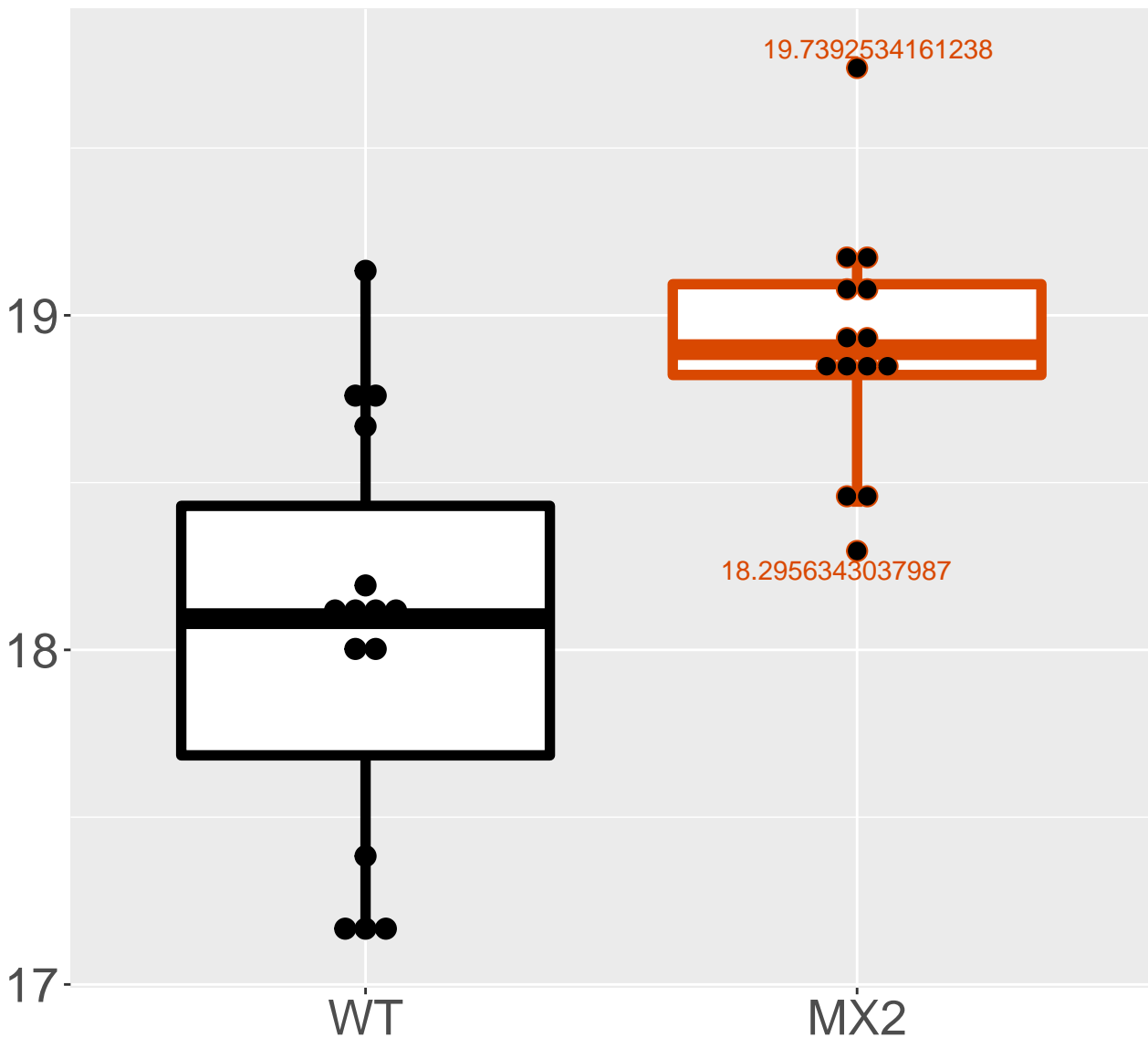


**M566.6915T271.96\_1**  
**FDR = 0.012, FC = -0.87**

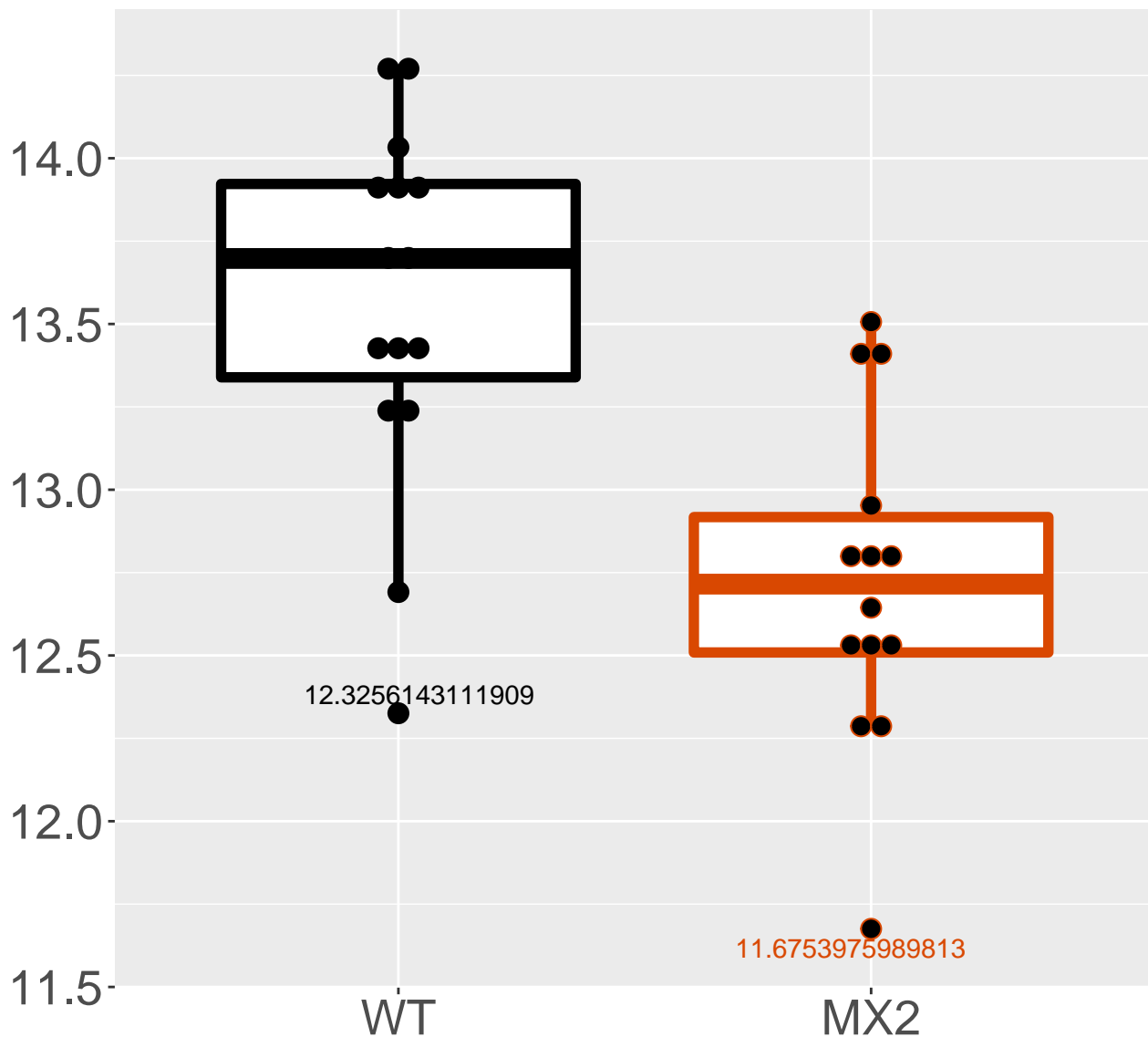




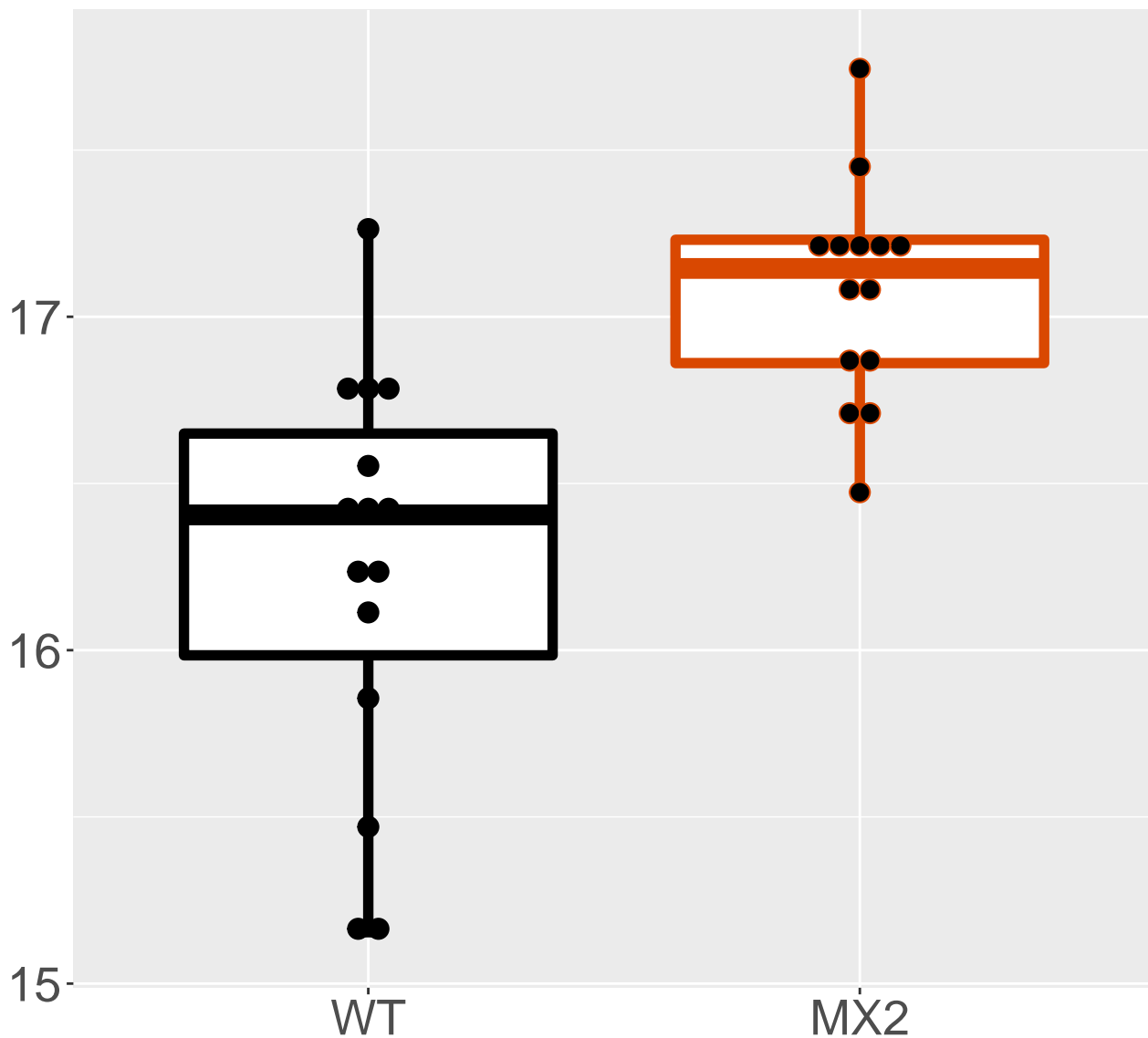
**M898.9224T301.79\_1**  
**FDR = 0.012, FC = 0.85**



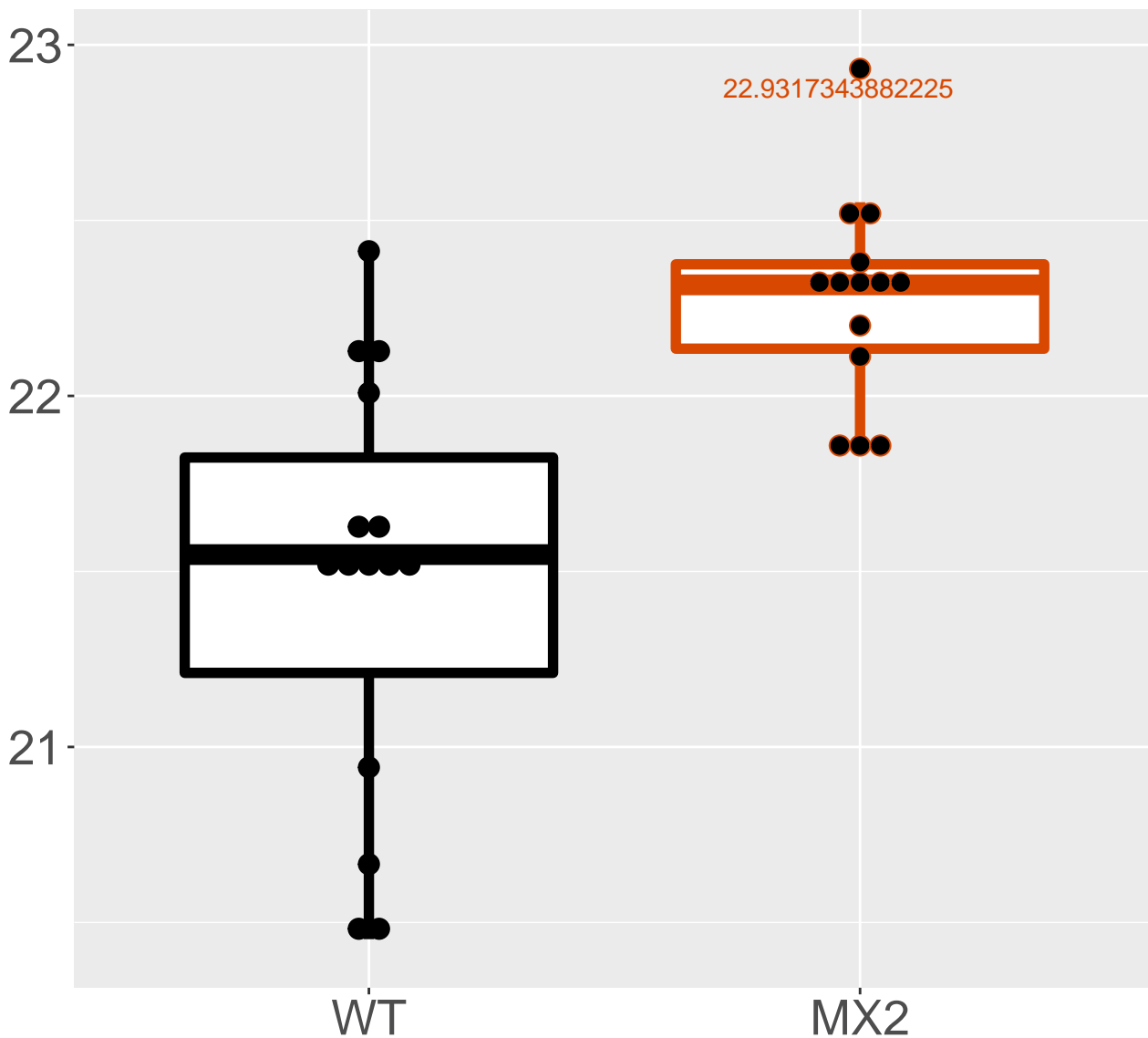
**FDR = 0.012, FC = -0.84**



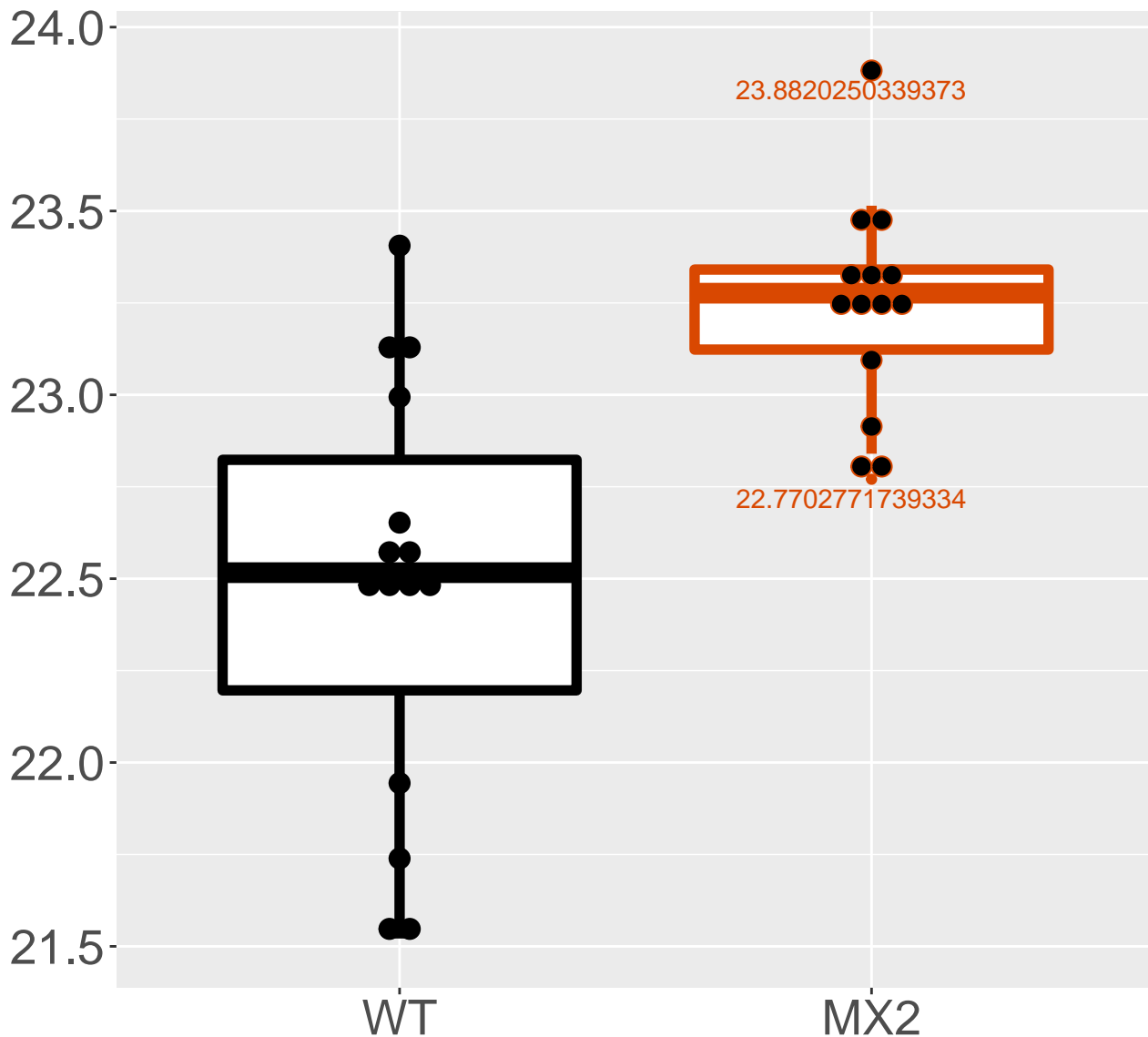
**M463.1926T301.9\_1**  
**FDR = 0.012, FC = 0.83**



**M600.2858T301.8\_3**  
**FDR = 0.012, FC = 0.8**

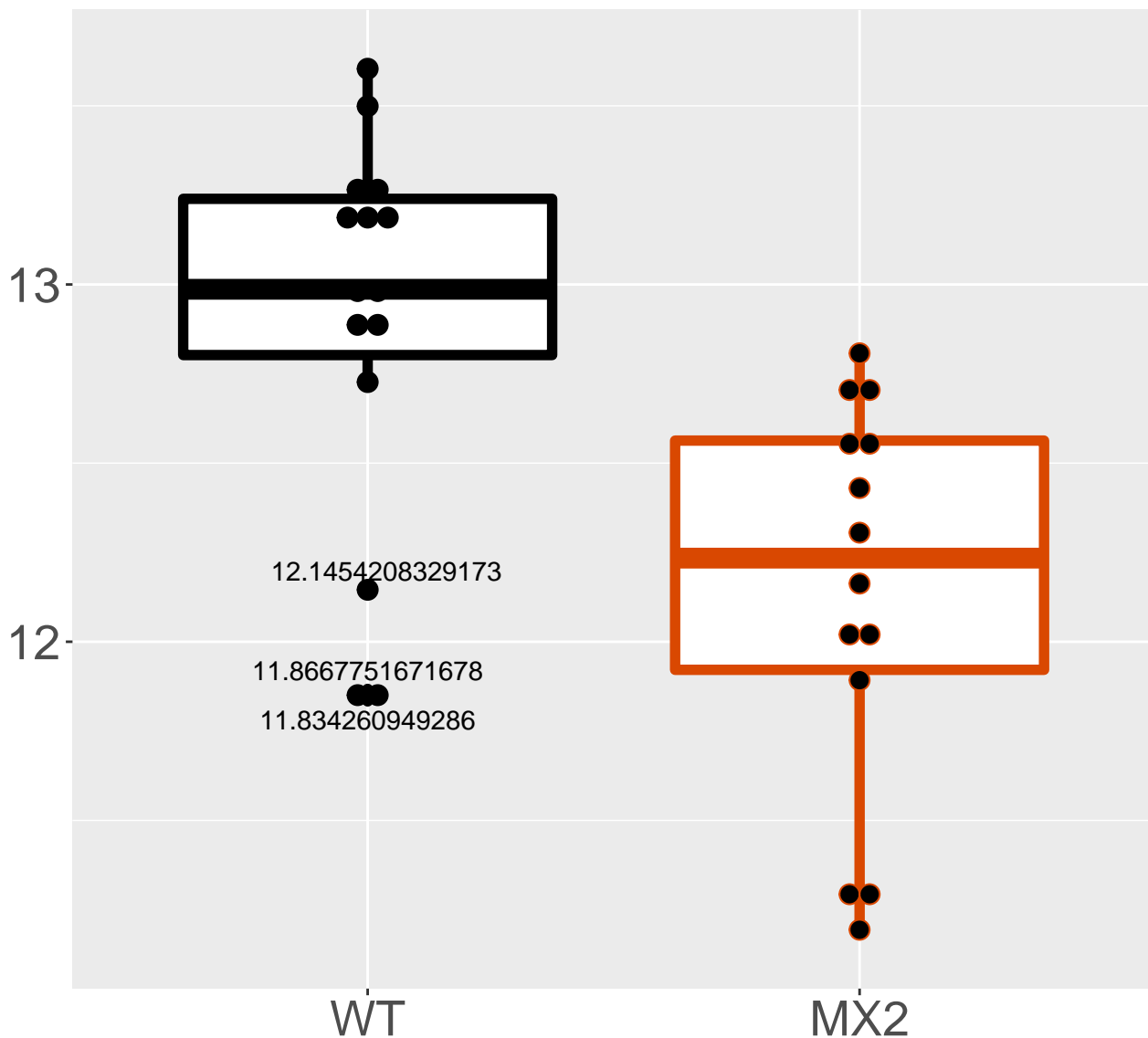


**M599.9517T301.8\_2**  
**FDR = 0.012, FC = 0.77**

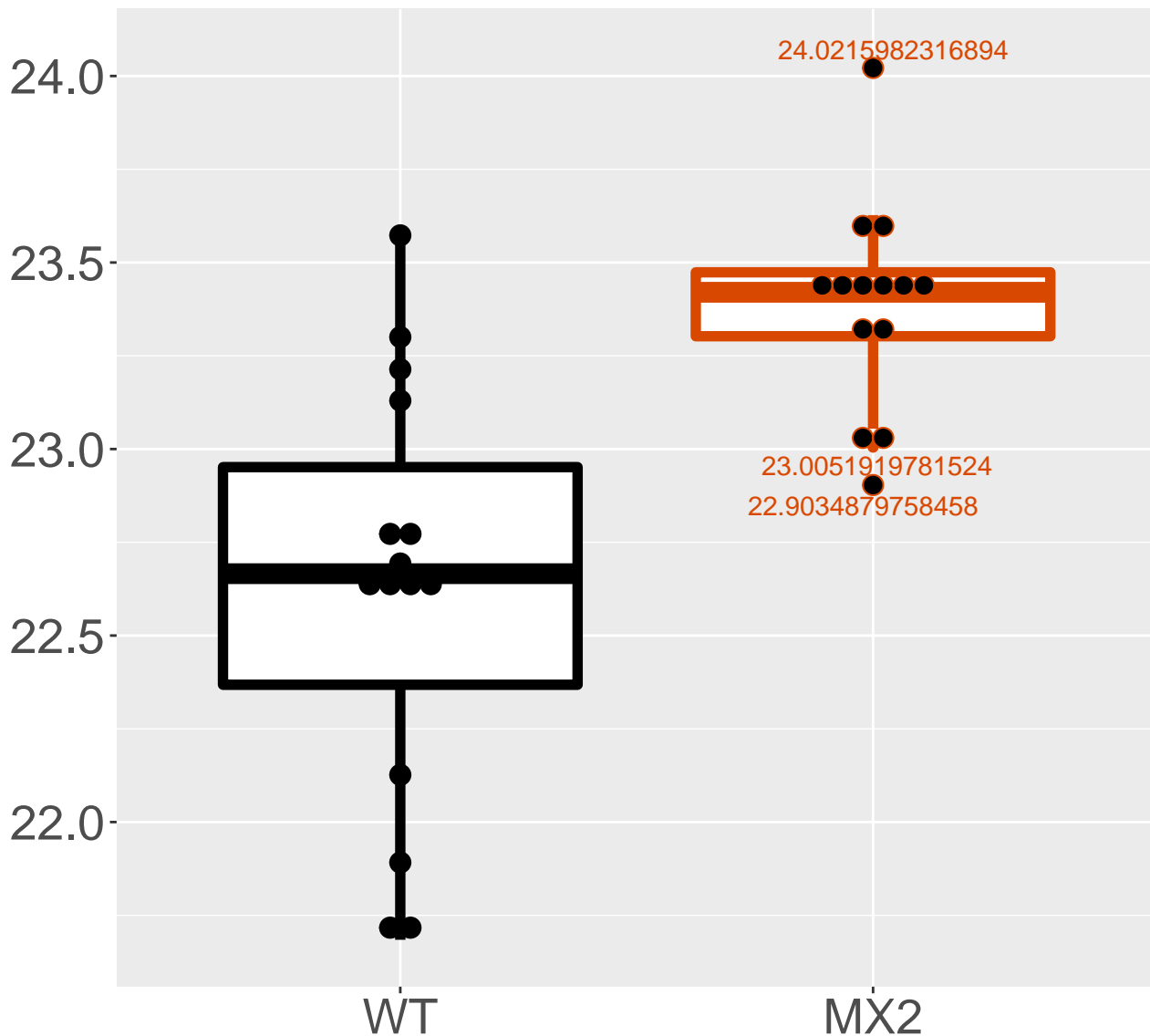


**M561.7894T273.1**

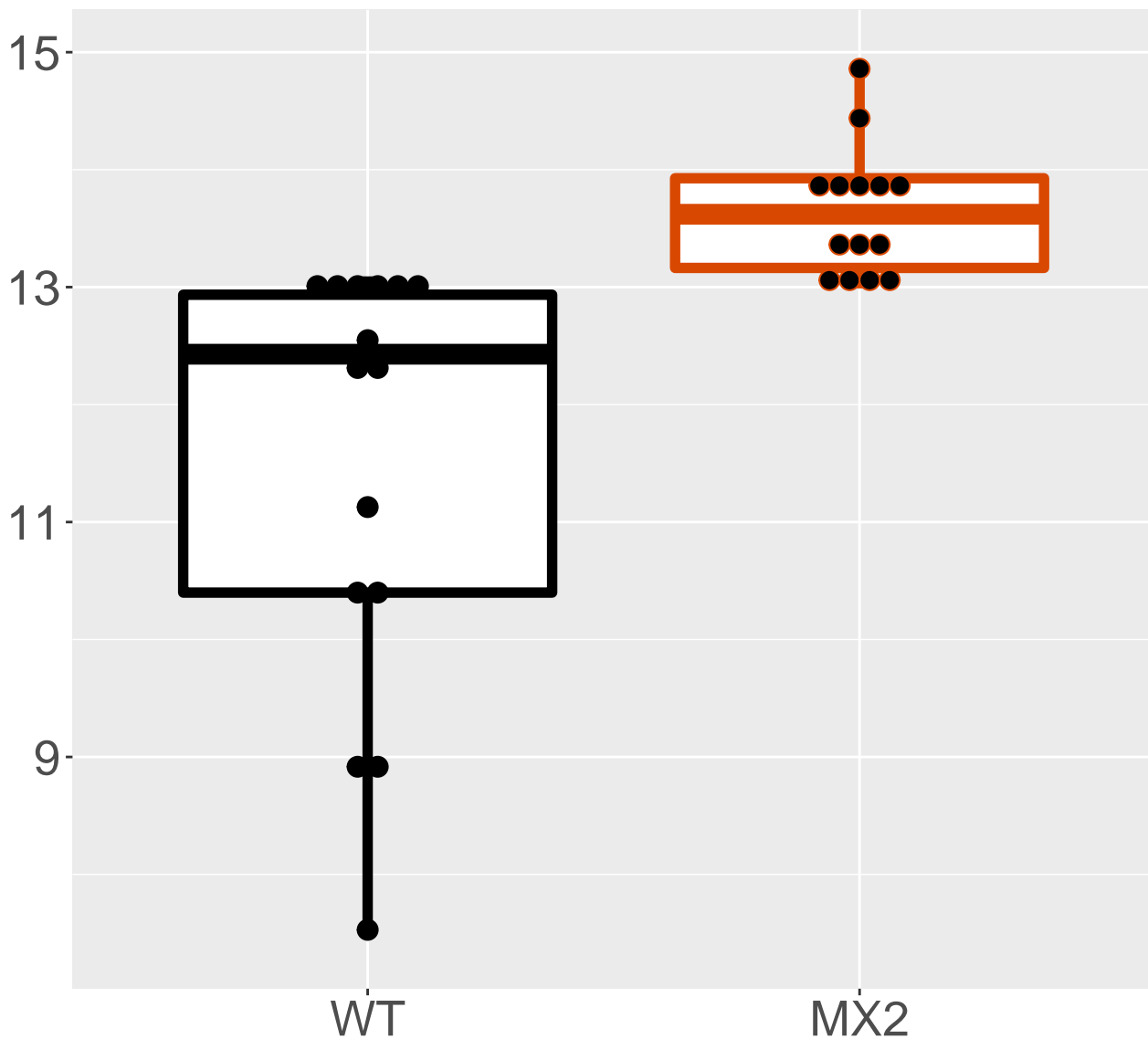
**FDR = 0.012, FC = -0.76, sex\***



**M599.6176T301.81\_1**  
**FDR = 0.012, FC = 0.76**



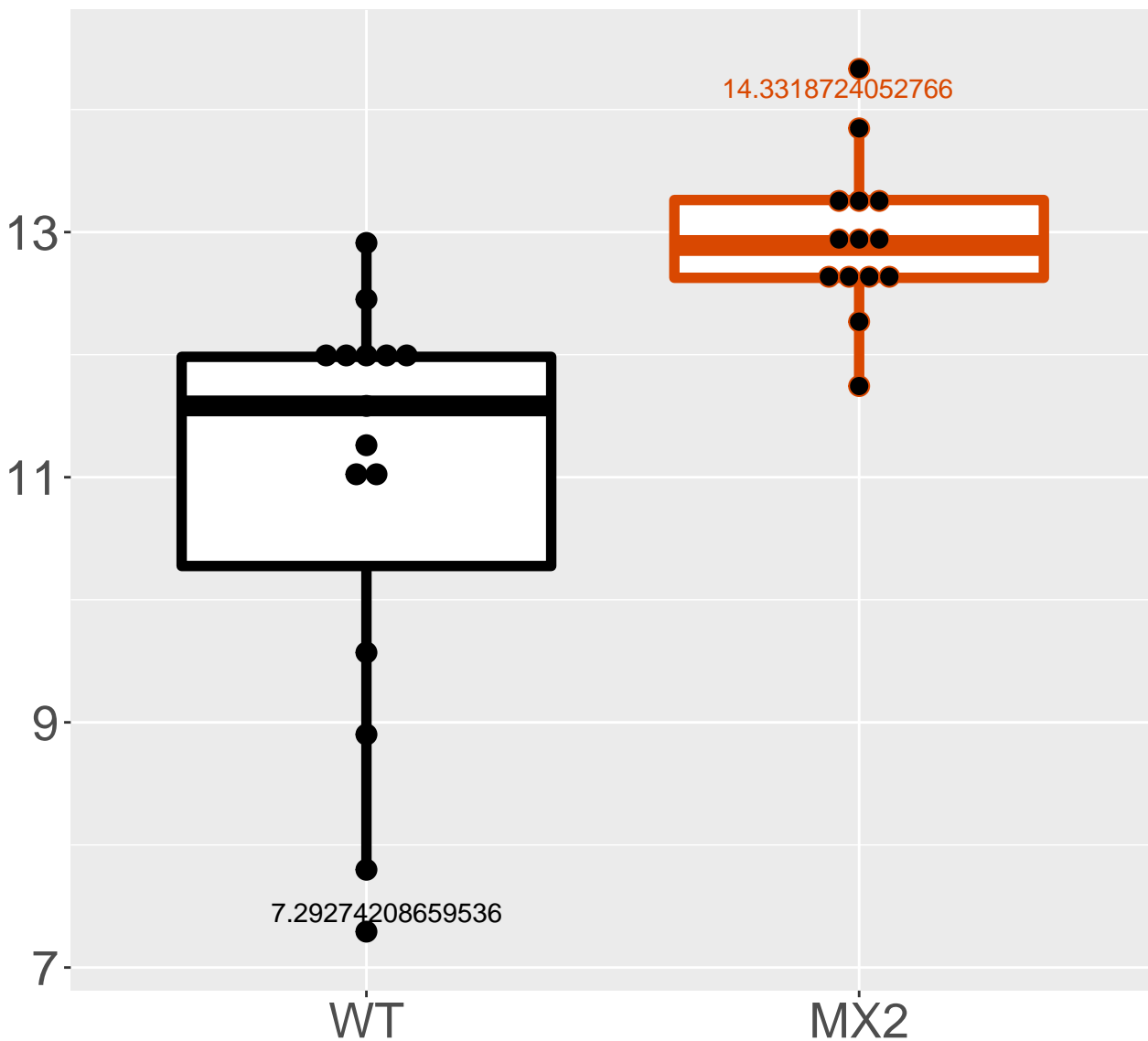
**M846.7003T371.2\_2**  
**FDR = 0.012, FC = 2.1**



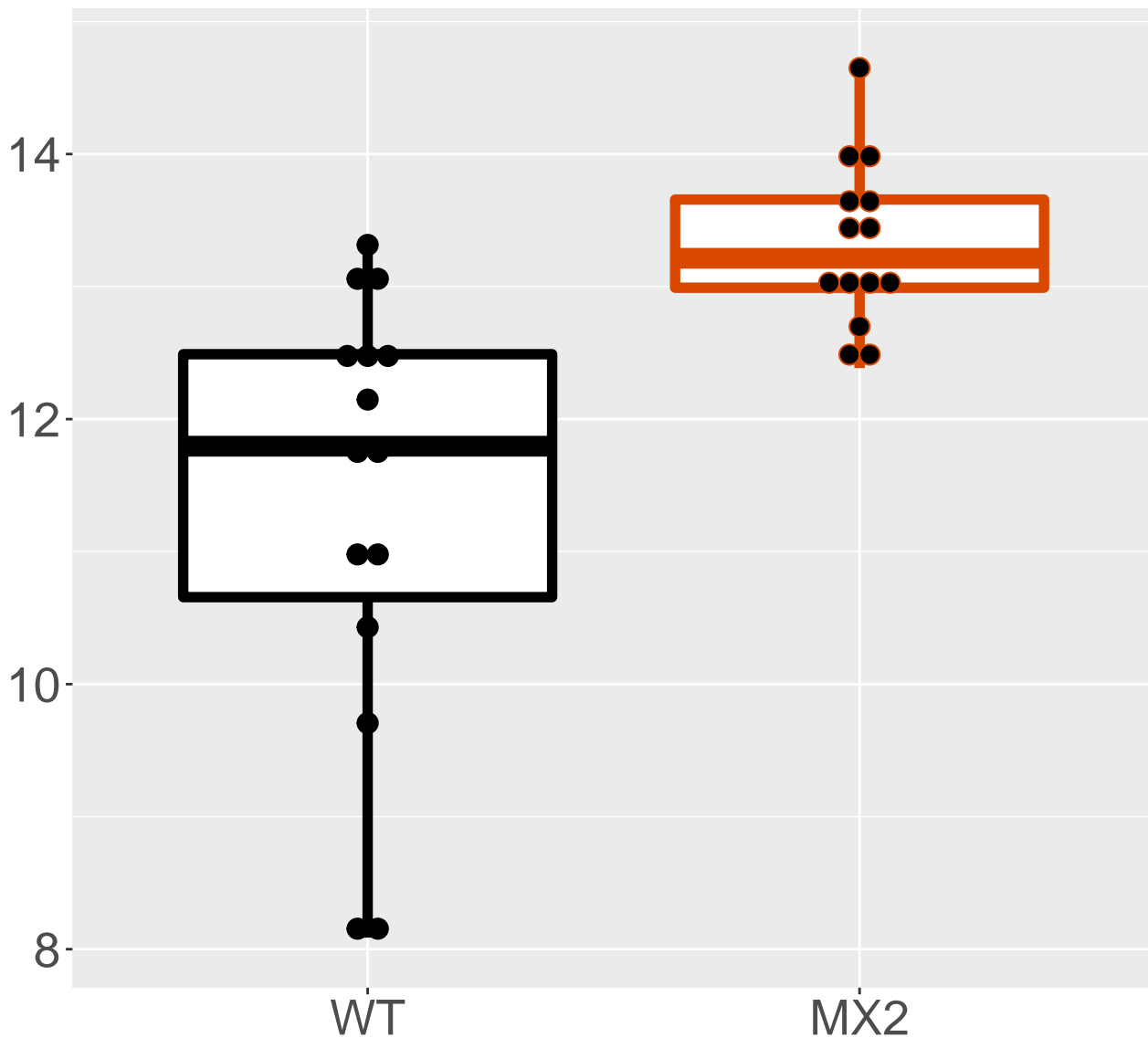


**M740.8637T371.24\_1**

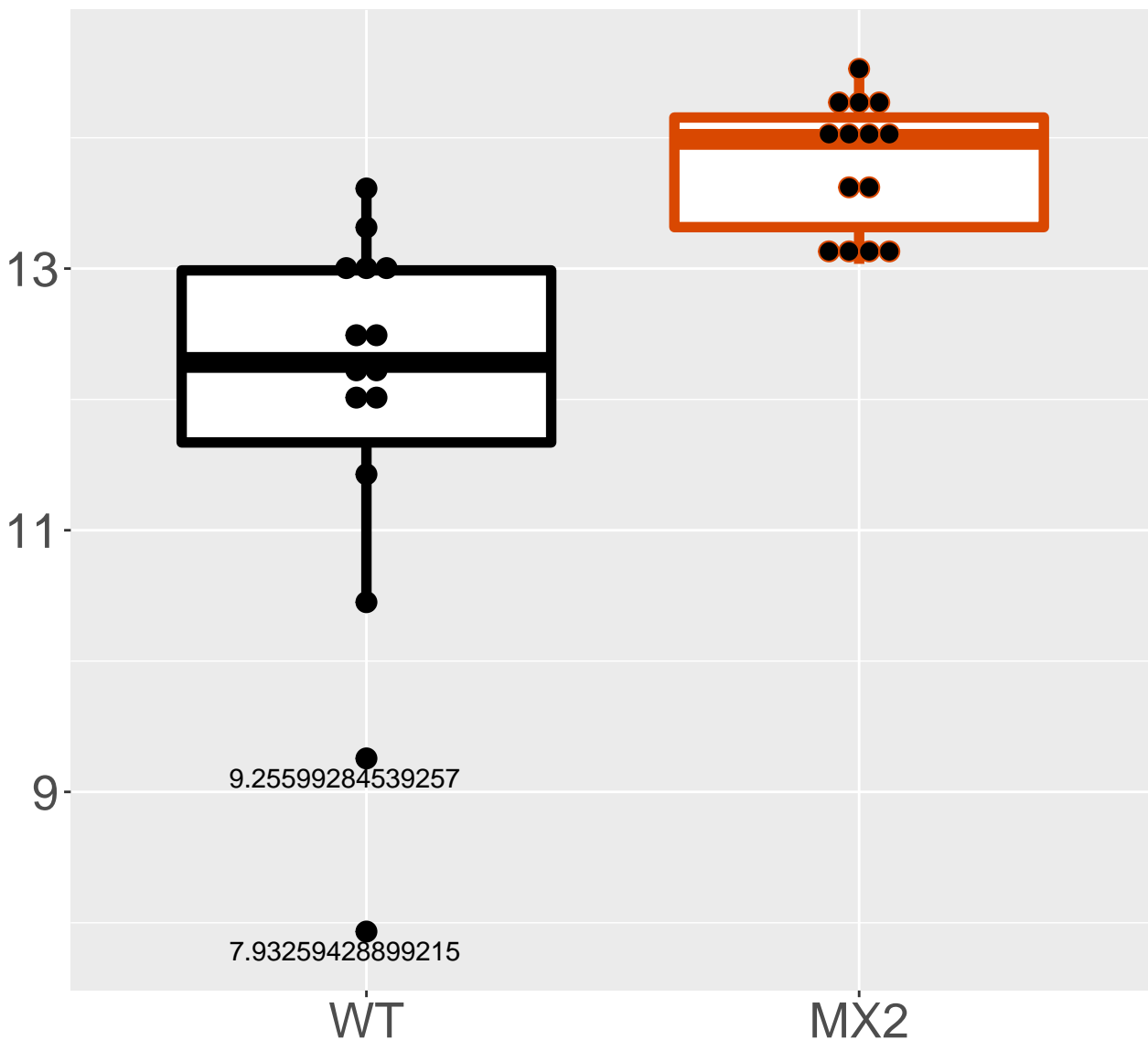
**FDR = 0.012, FC = 2**



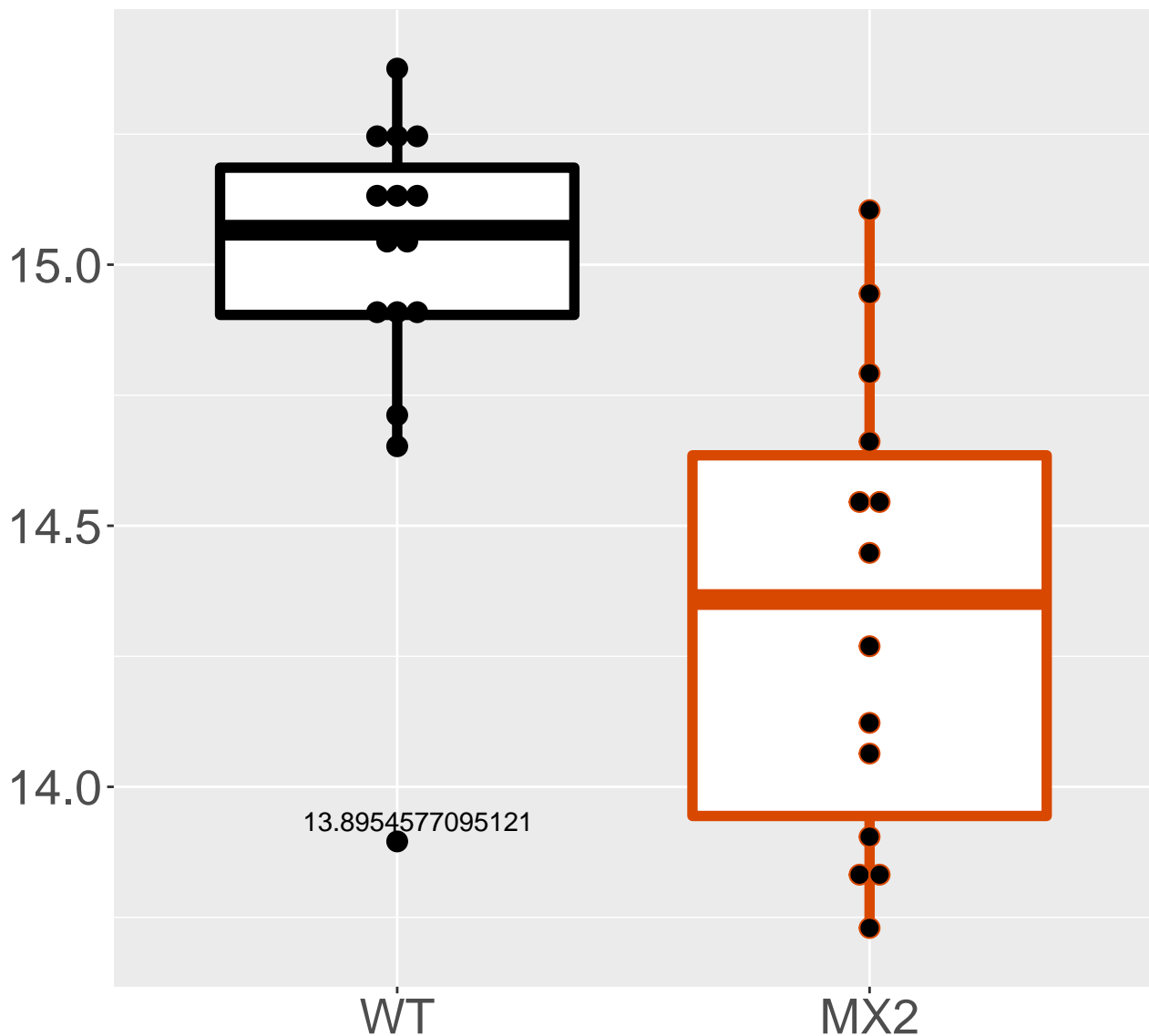
**M846.5578T371.17\_1**  
**FDR = 0.012, FC = 1.9**



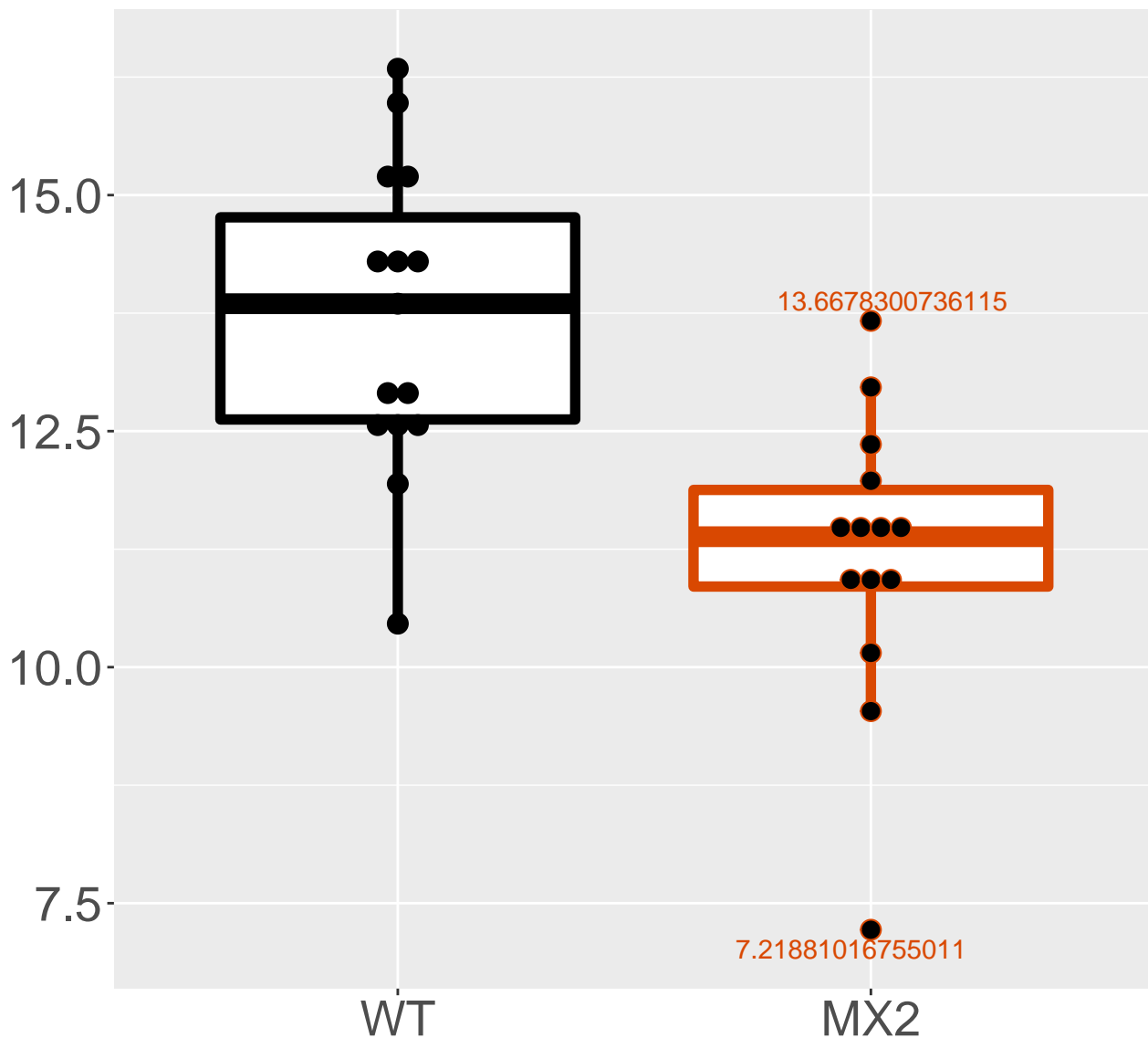
**M956.6392T368.95\_1**  
**FDR = 0.012, FC = 1.9**



**M467.7432T284.28\_1**  
**FDR = 0.012, FC = -0.63**

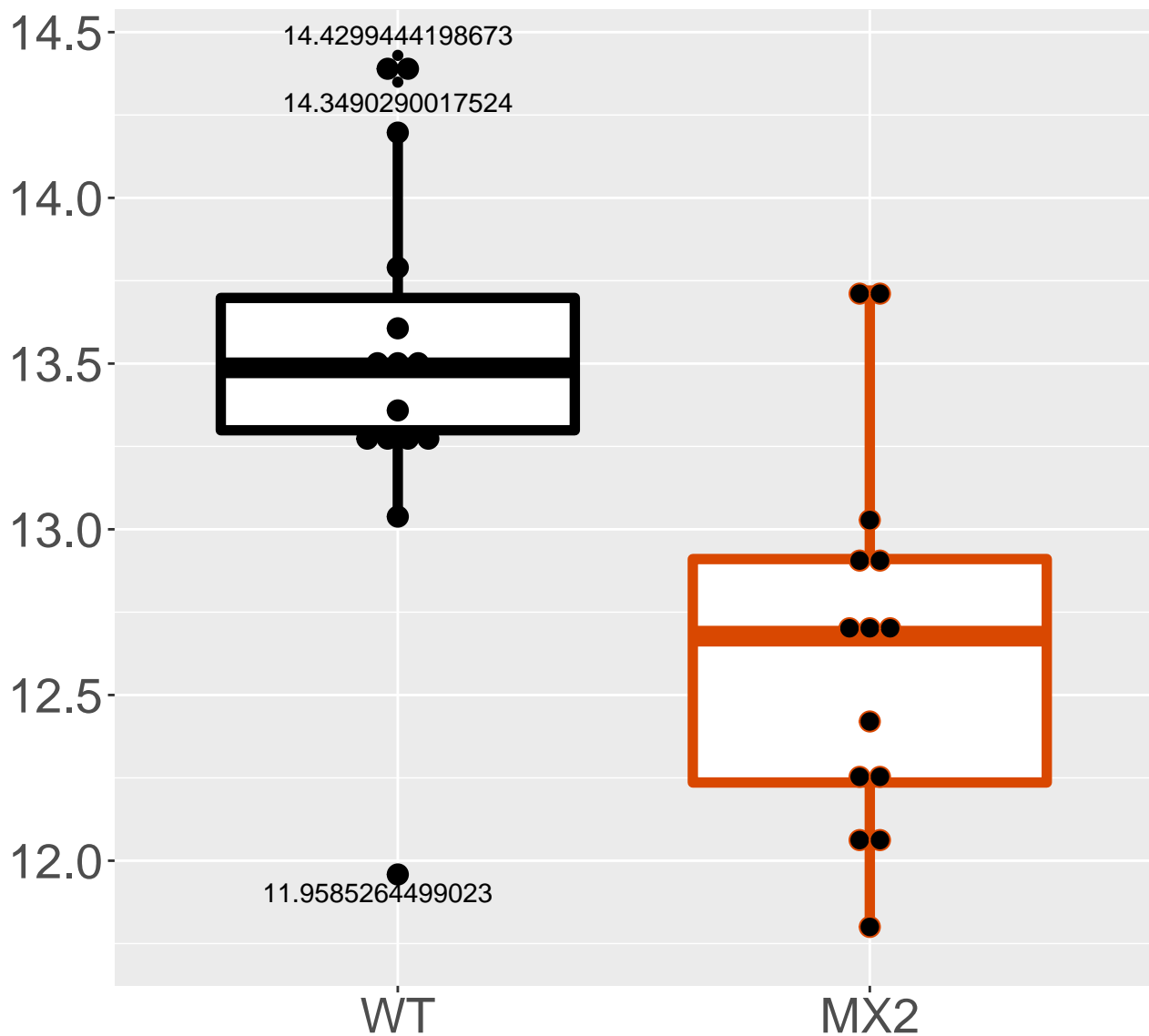


**M527.0371T308.64\_1**  
**FDR = 0.013, FC = -2.5**

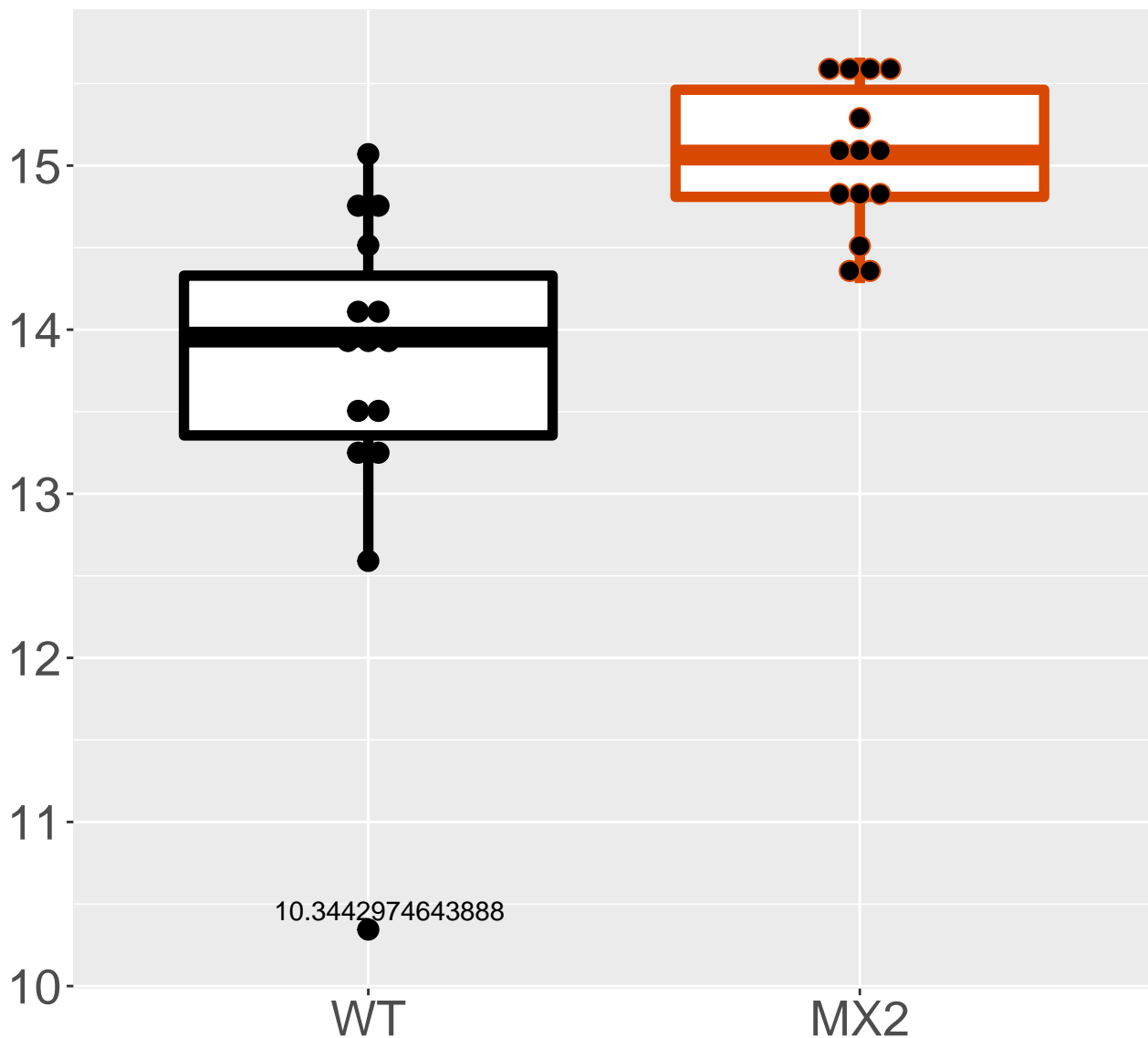


**M614.9278T268.46\_1**

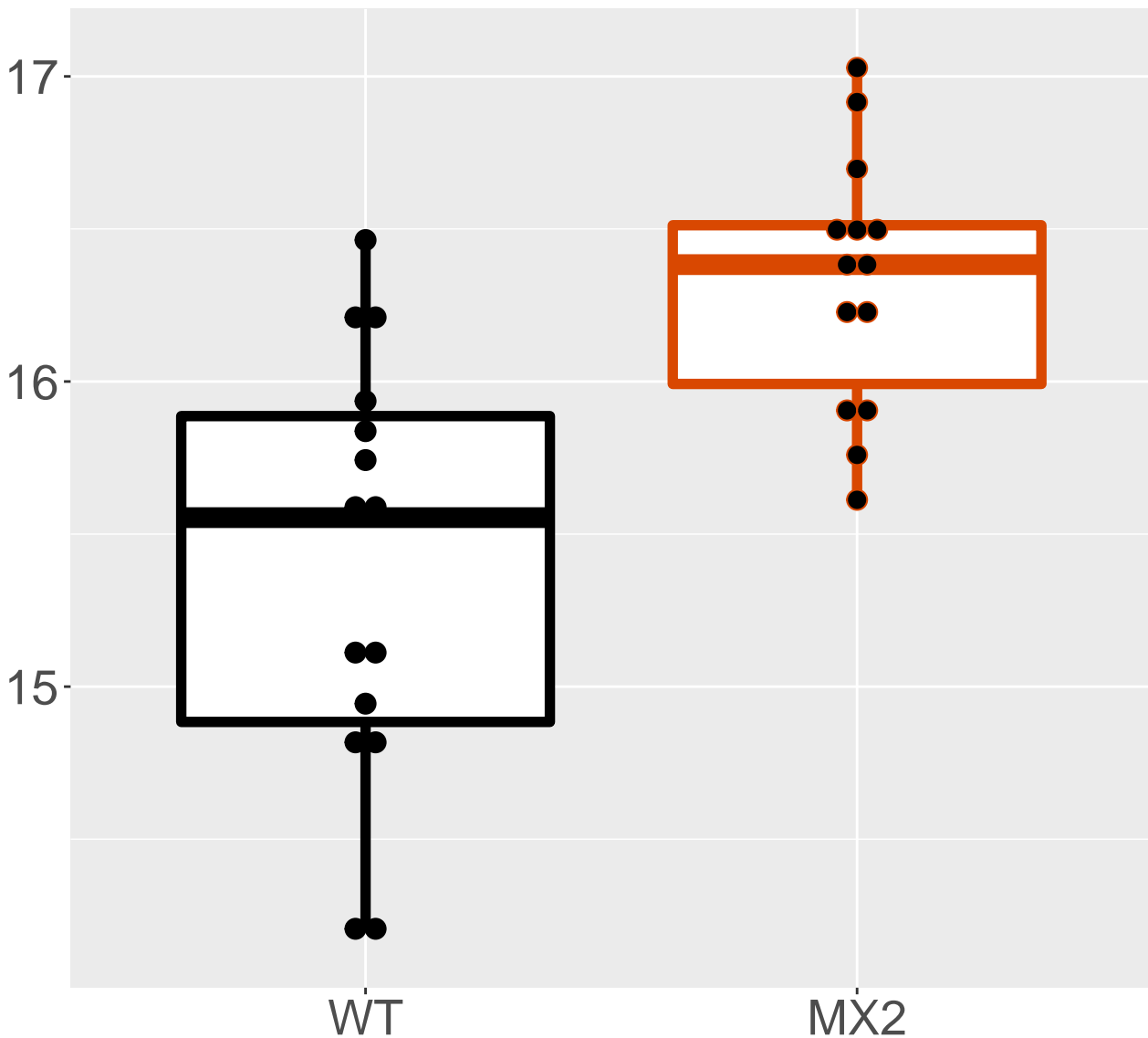
**FDR = 0.014, FC = -0.84, sex\***



**M710.5109T298.96\_1**  
**FDR = 0.014, FC = 1.3**



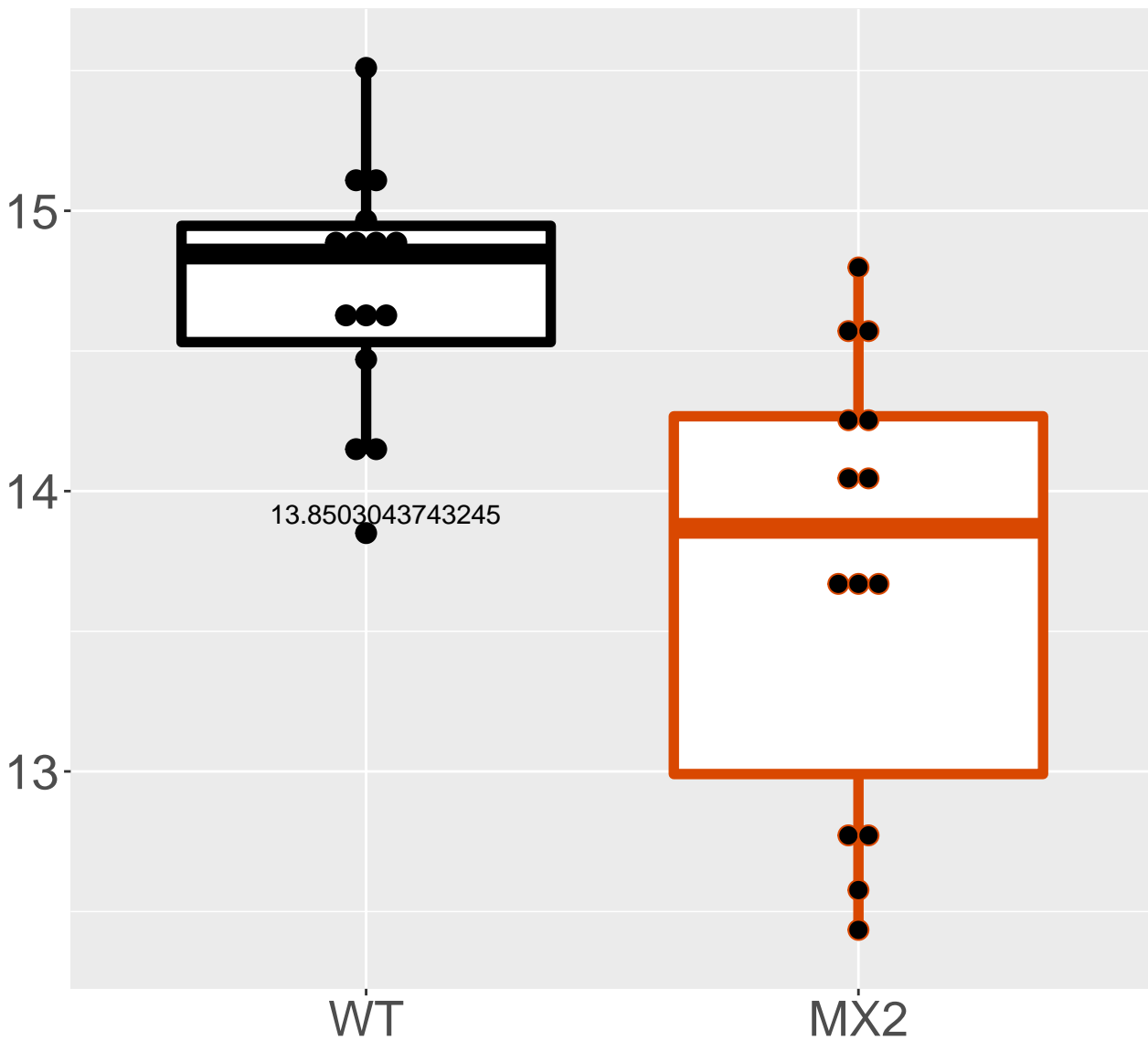
**M494.5783T298.71\_1**  
**FDR = 0.014, FC = 0.94**



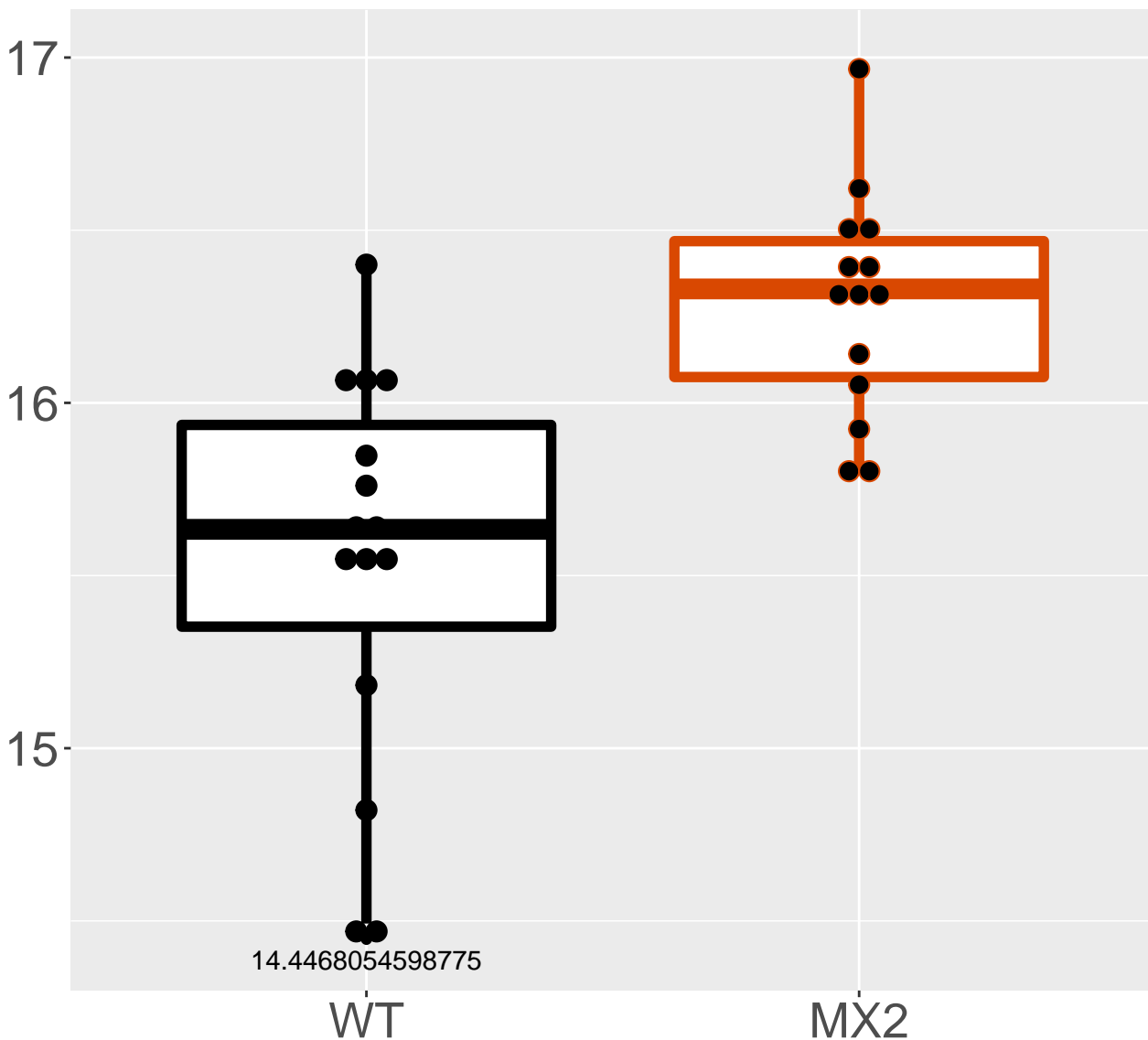


**M580.9572T302.05\_2**

**FDR = 0.015, FC = -1**

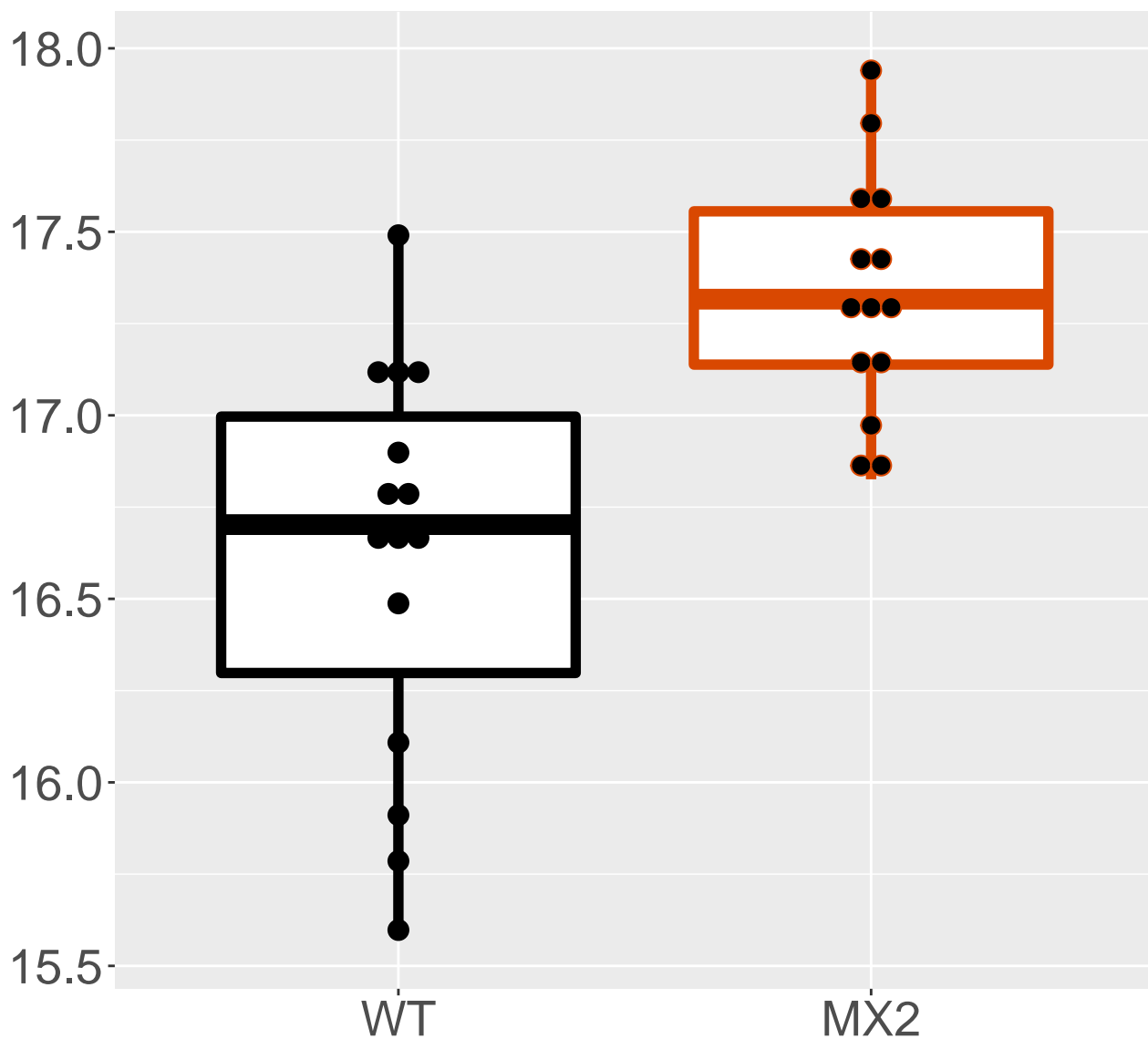


**M617.5891T301.8\_1**  
**FDR = 0.017, FC = 0.75**

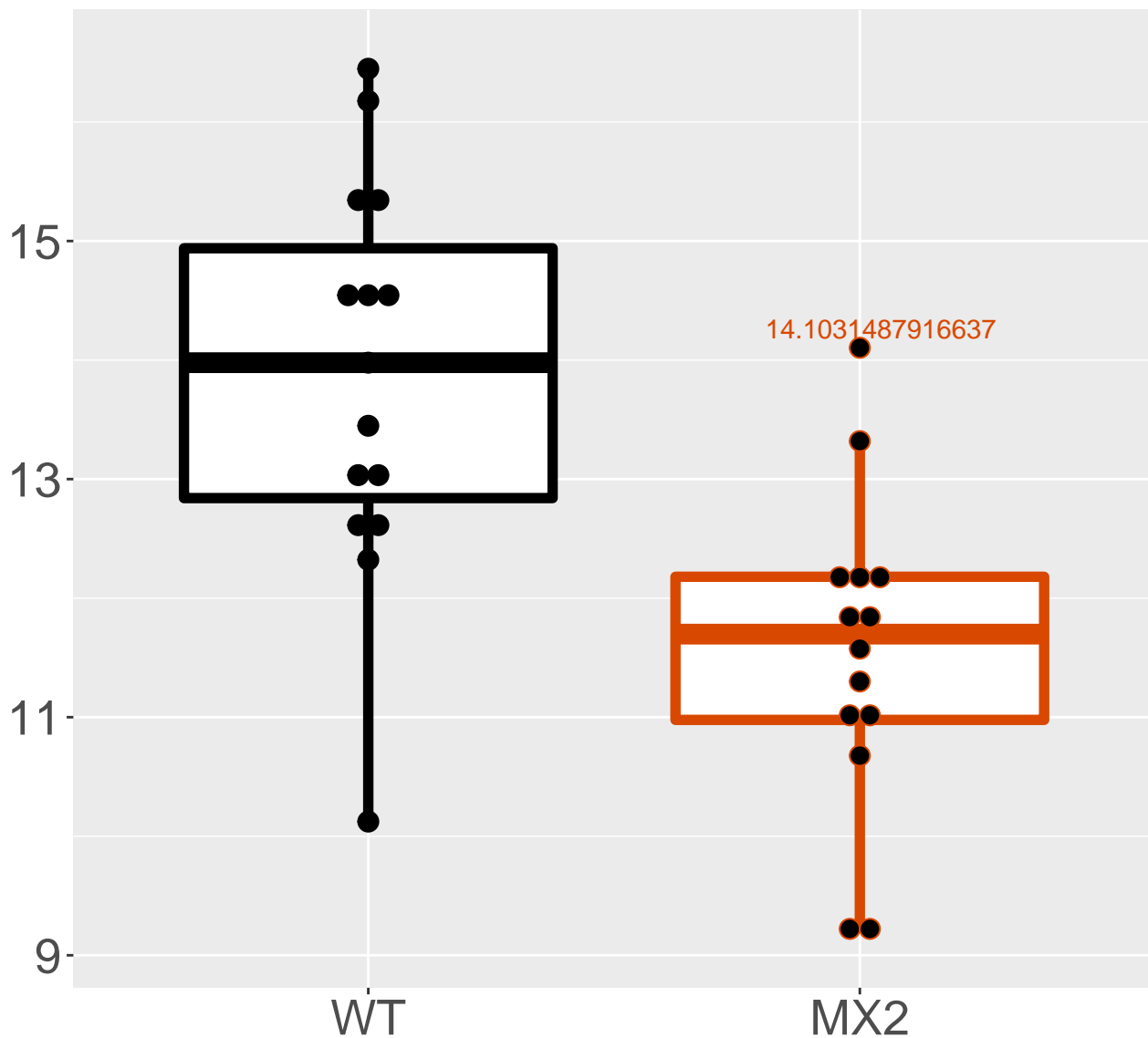


**M463.4437T301.9\_2**

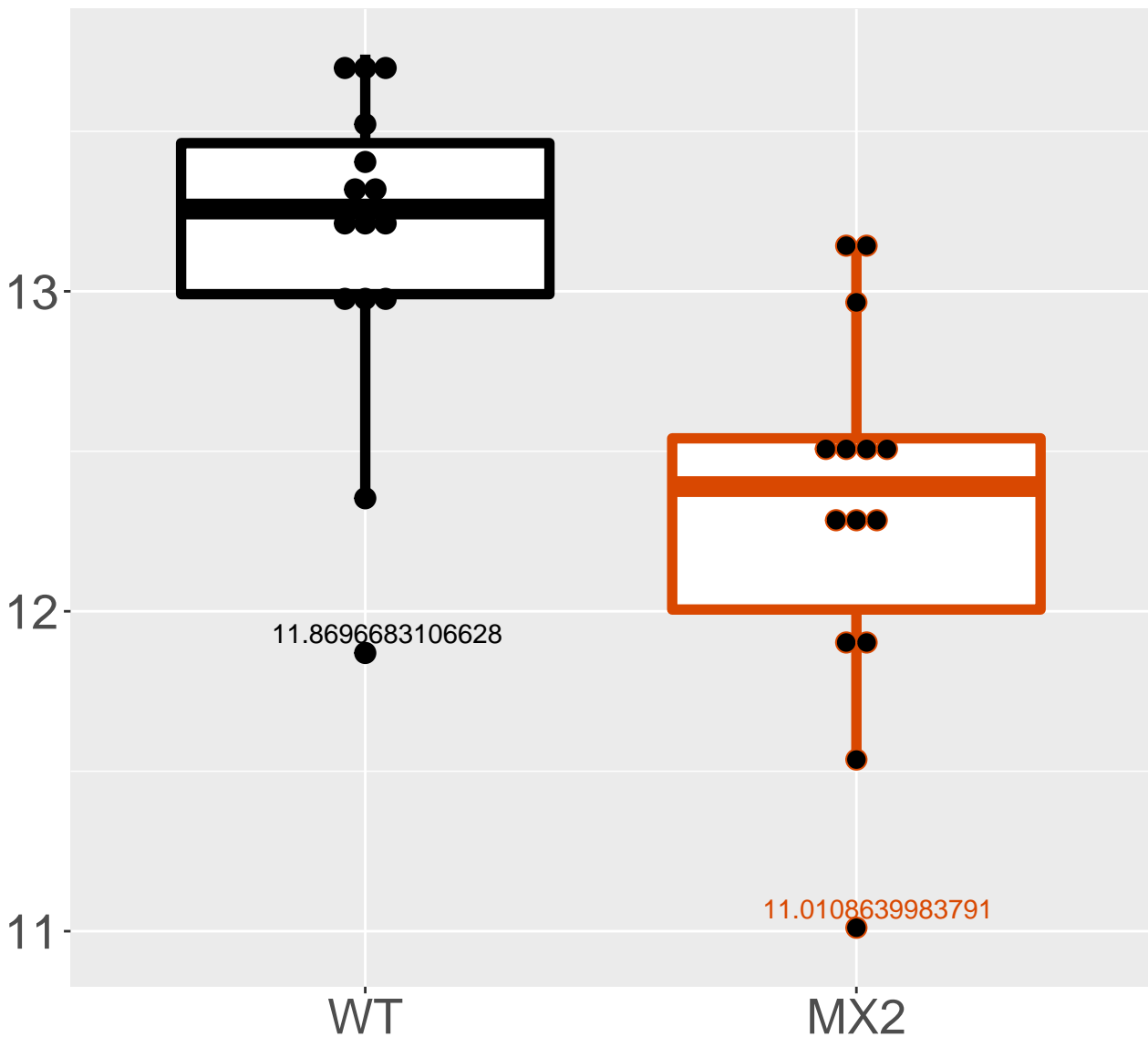
**FDR = 0.017, FC = 0.72**



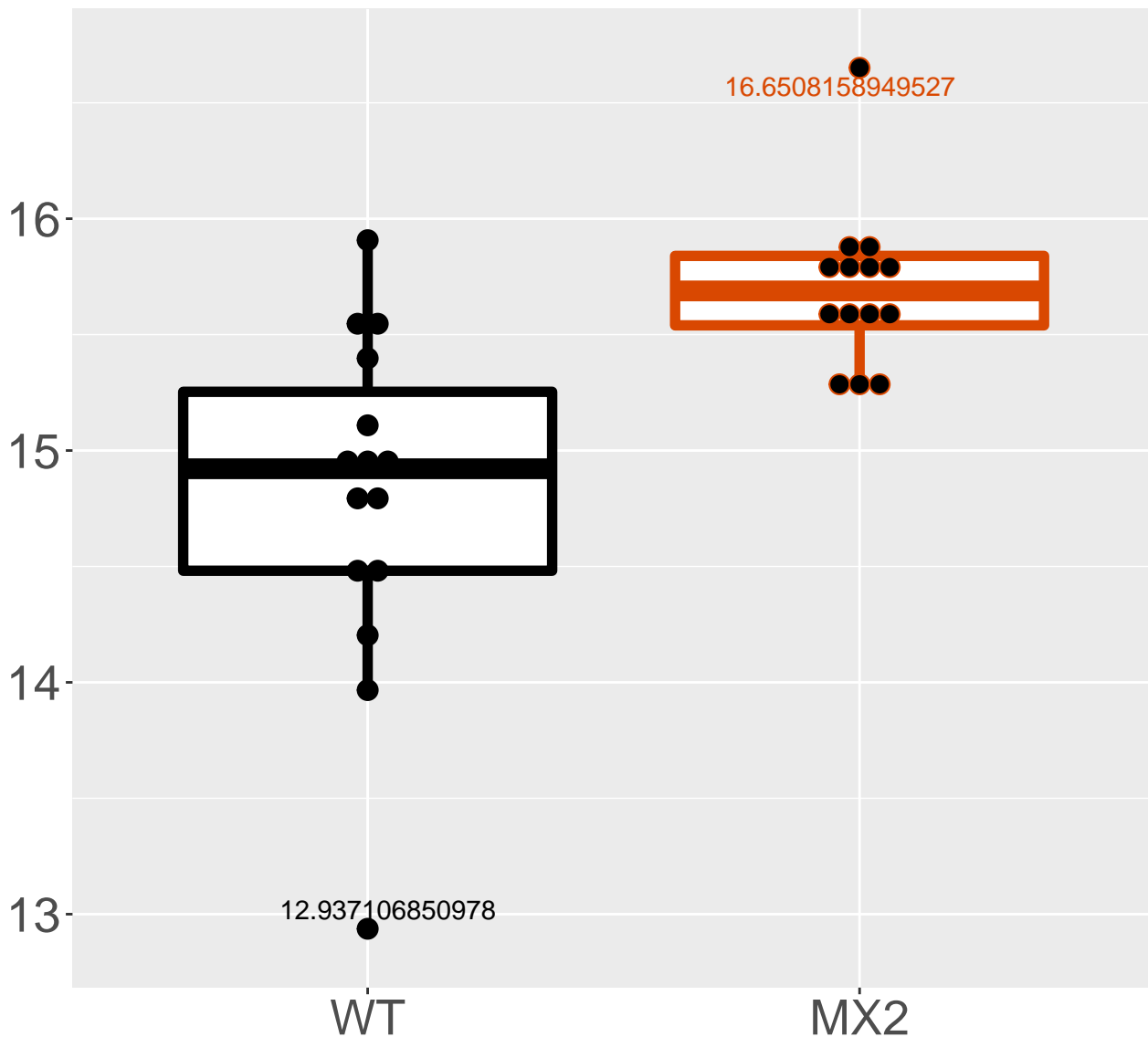
**M527.2877T308.59\_2**  
**FDR = 0.018, FC = -2.3**



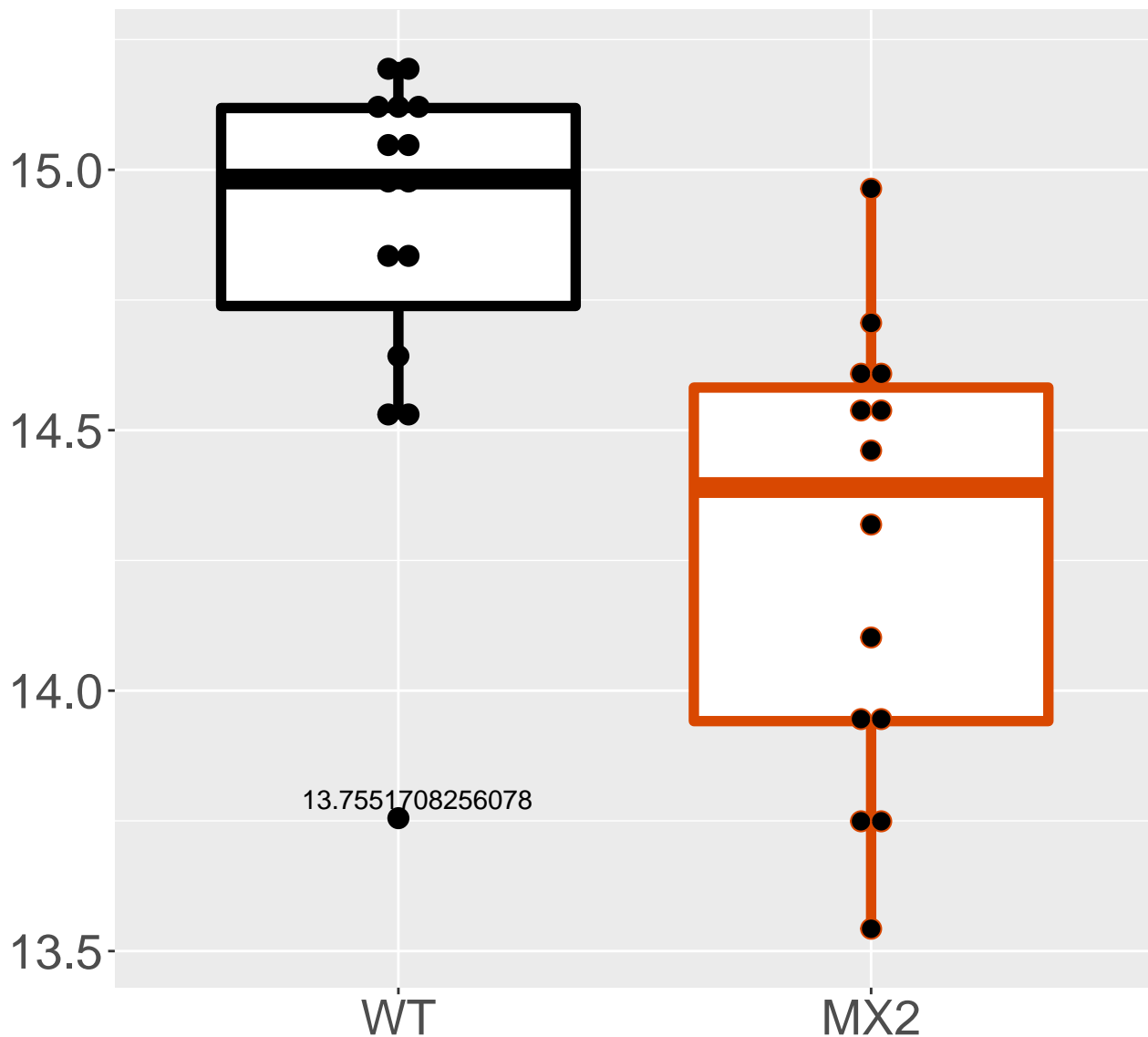
**M708.6137T271.31\_1**  
**FDR = 0.019, FC = -0.84**



**M455.9542T302.11\_1**  
**FDR = 0.019, FC = 0.9**



**M467.9939T284.31\_2**  
**FDR = 0.021, FC = -0.59**



**M709.6521T298.82\_1**

**FDR = 0.022, FC = 1.3**



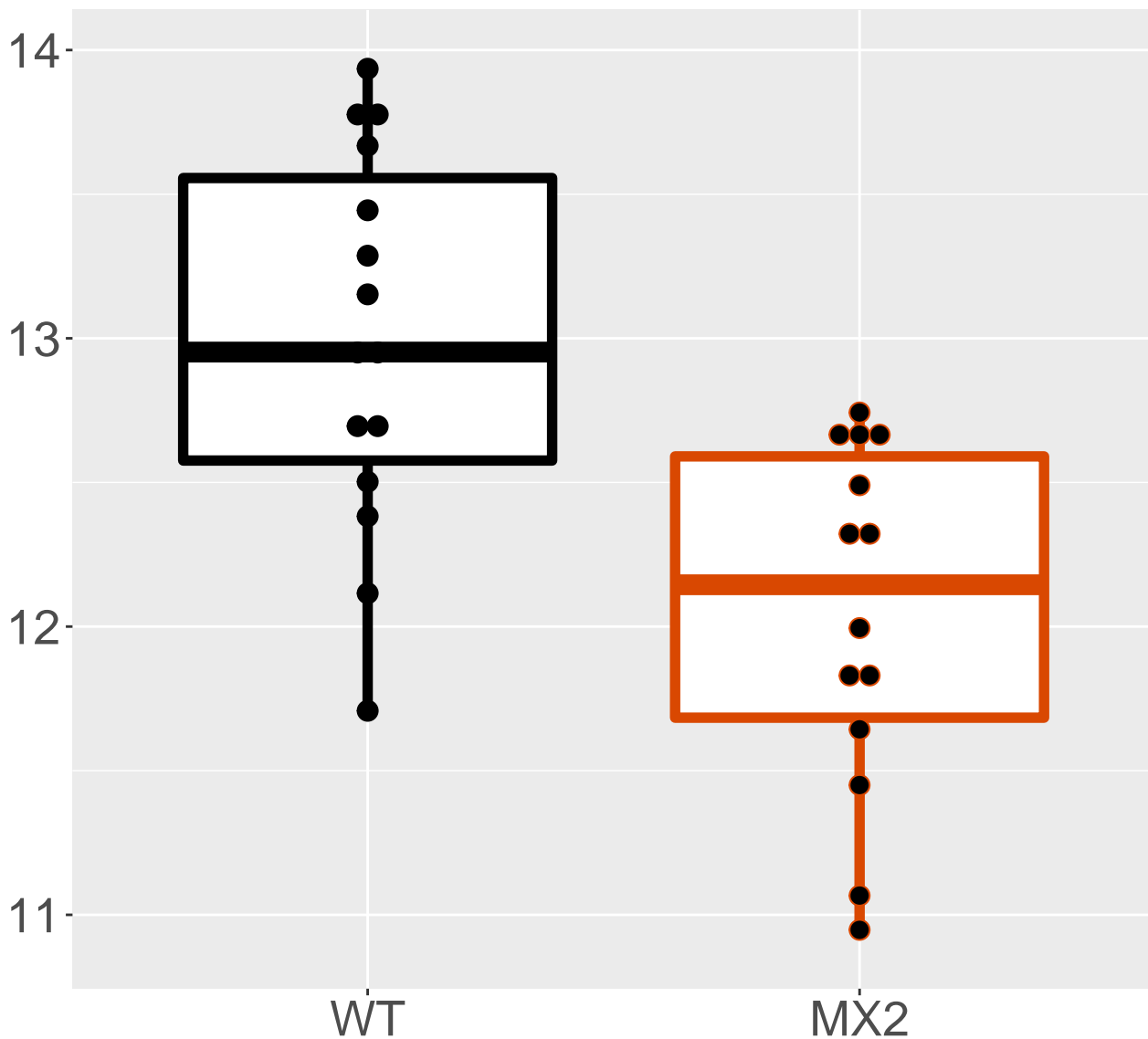
10.8258194351117

WT

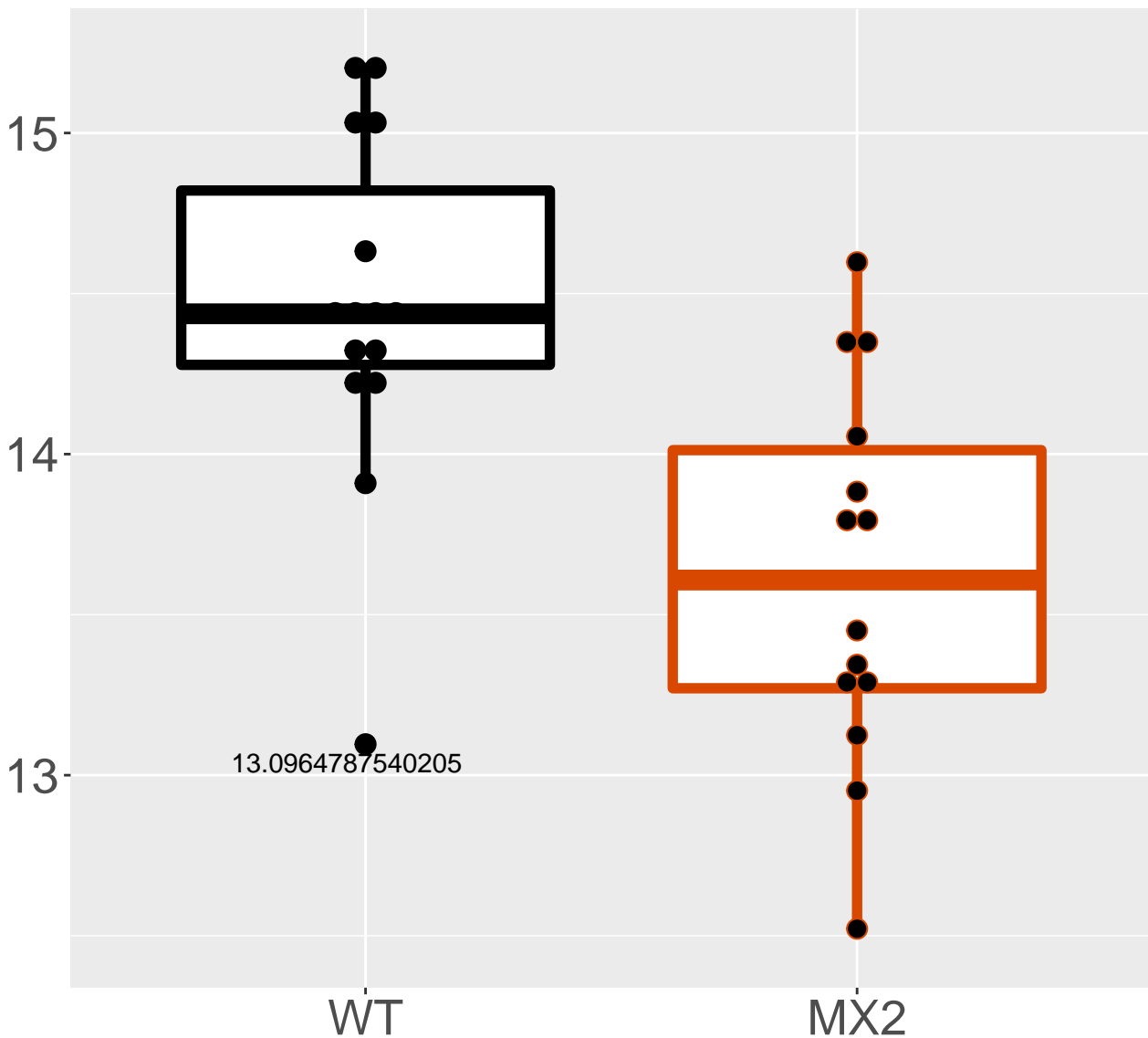
$$MX_2$$



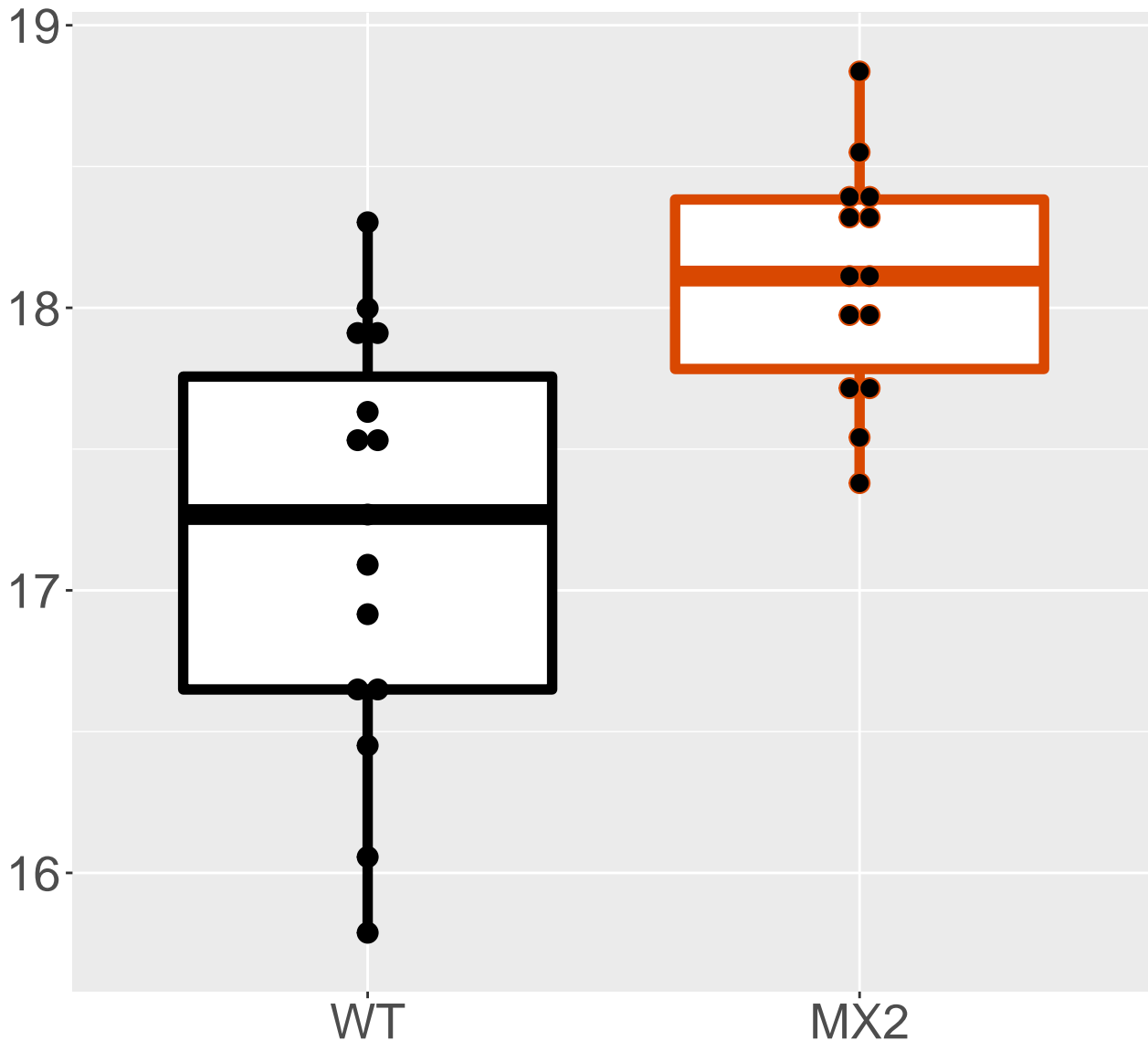
**M231.1715T155.51**  
**FDR = 0.022, FC = -0.96**



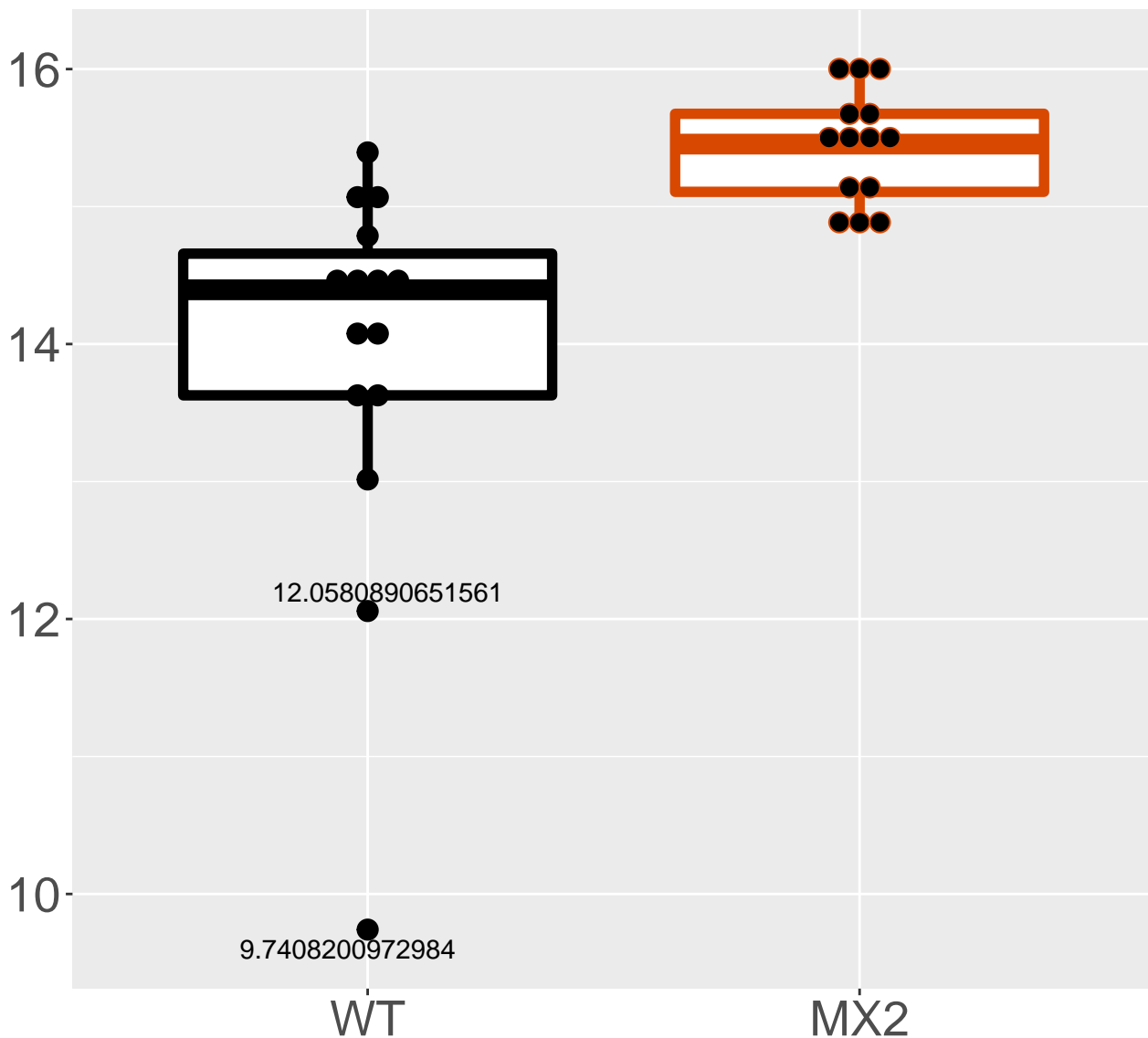
**M566.8921T271.84\_2**  
**FDR = 0.023, FC = -0.84**



**M493.9099T298.78\_1**  
**FDR = 0.023, FC = 0.92**

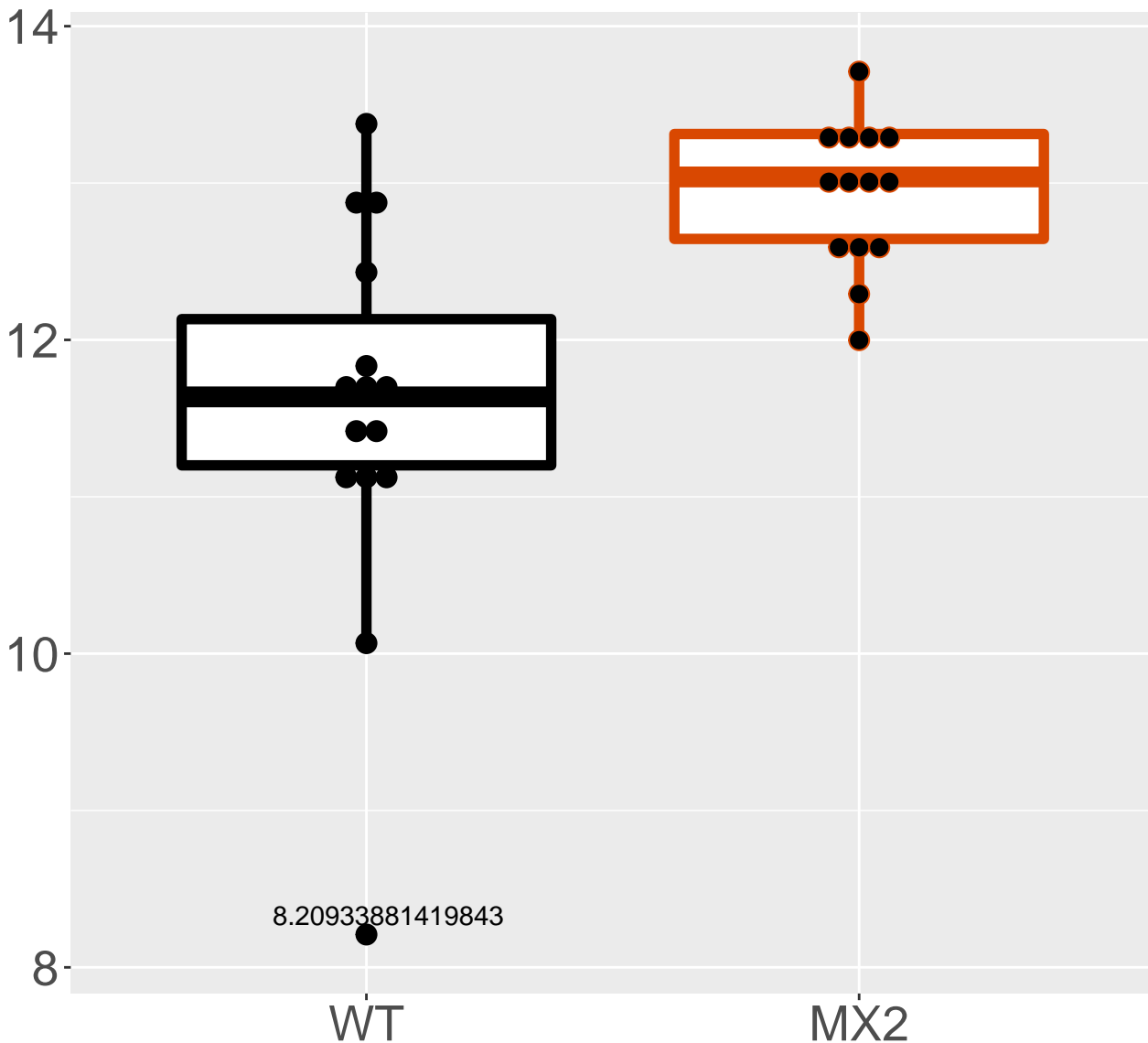


**M621.5725T299.46\_1**  
**FDR = 0.025, FC = 1.5**

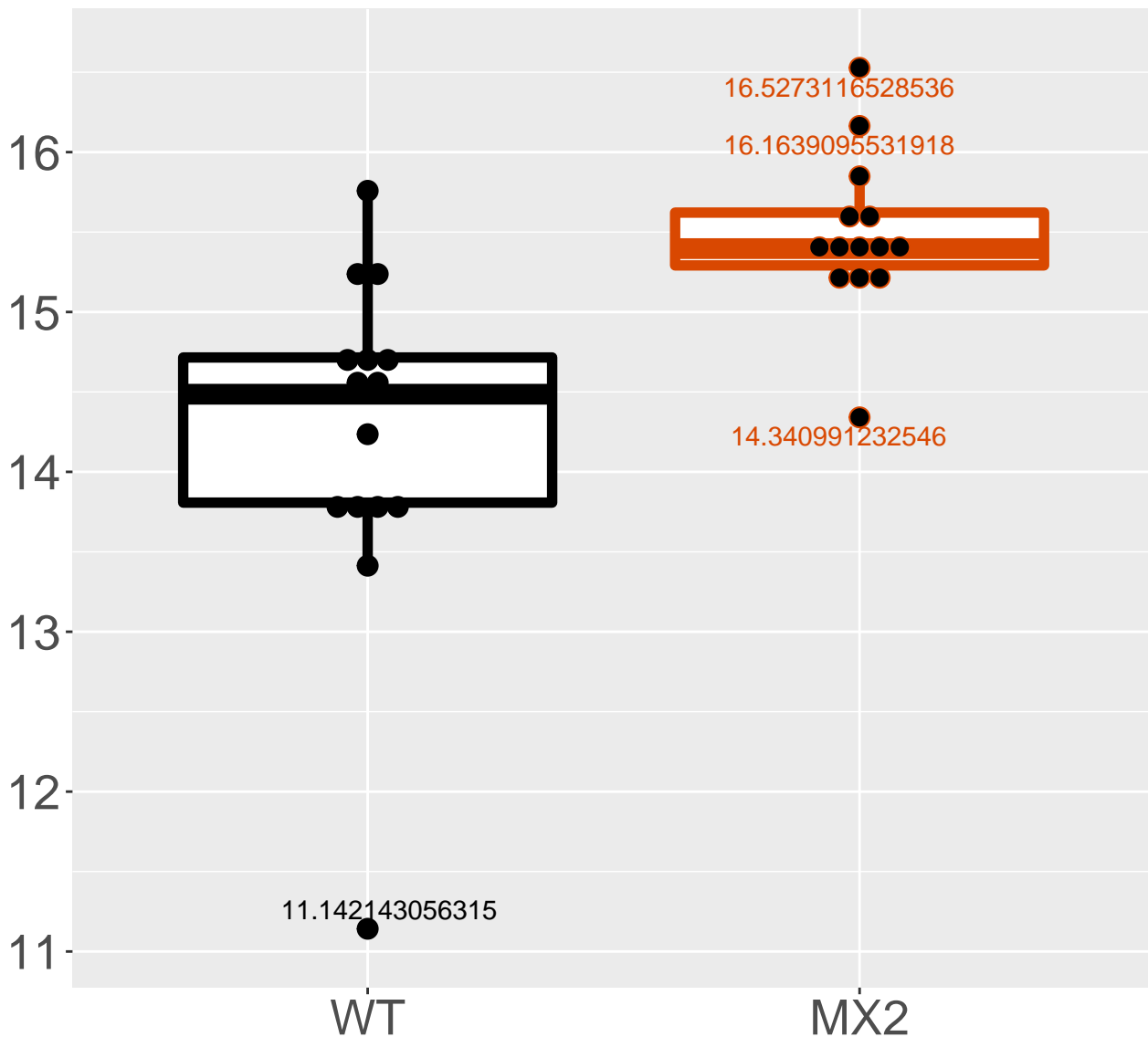


**M797.82T374.05**

**FDR = 0.025, FC = 1.4**

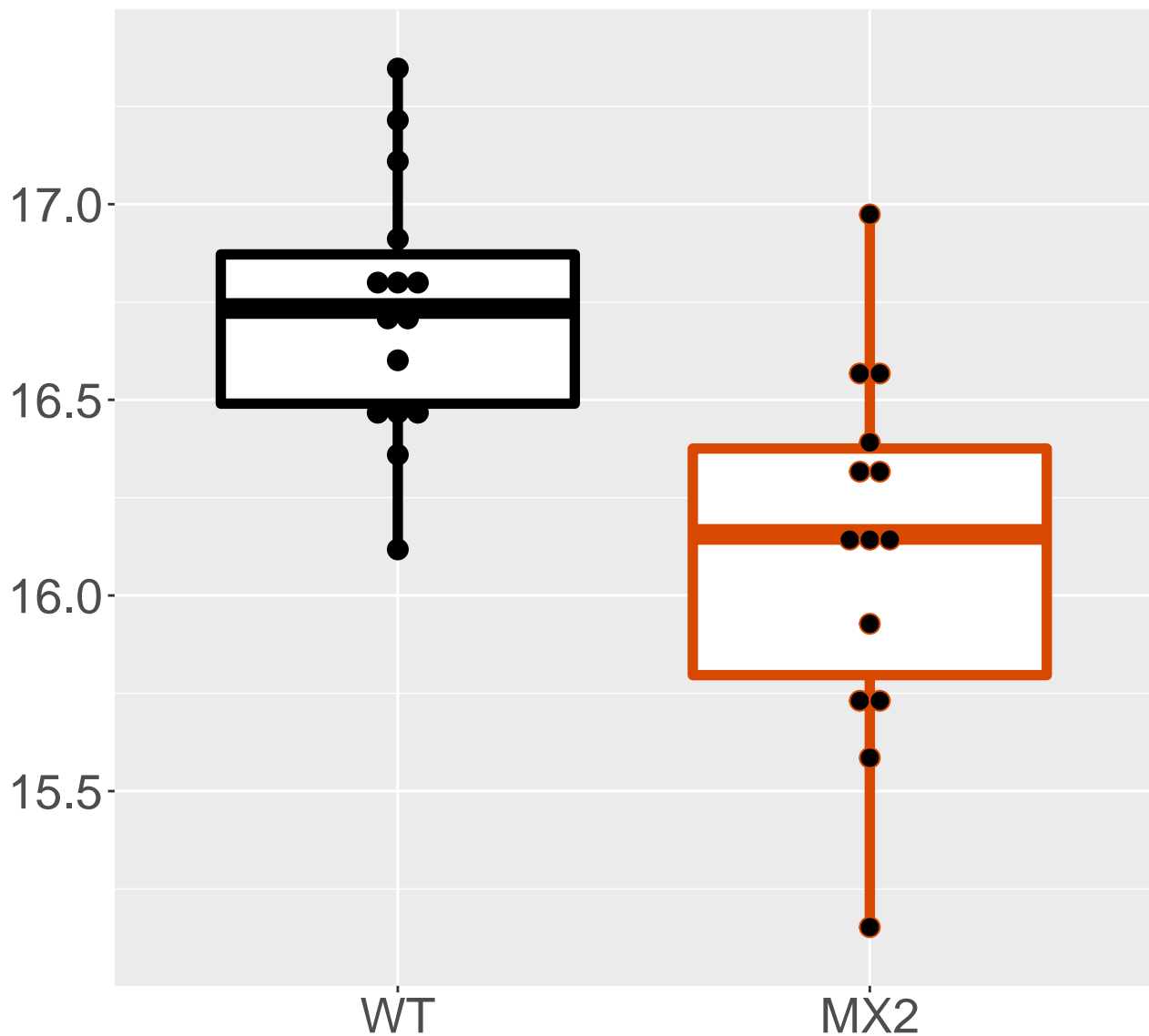


**M449.9648T301.93**  
**FDR = 0.025, FC = 1.3**

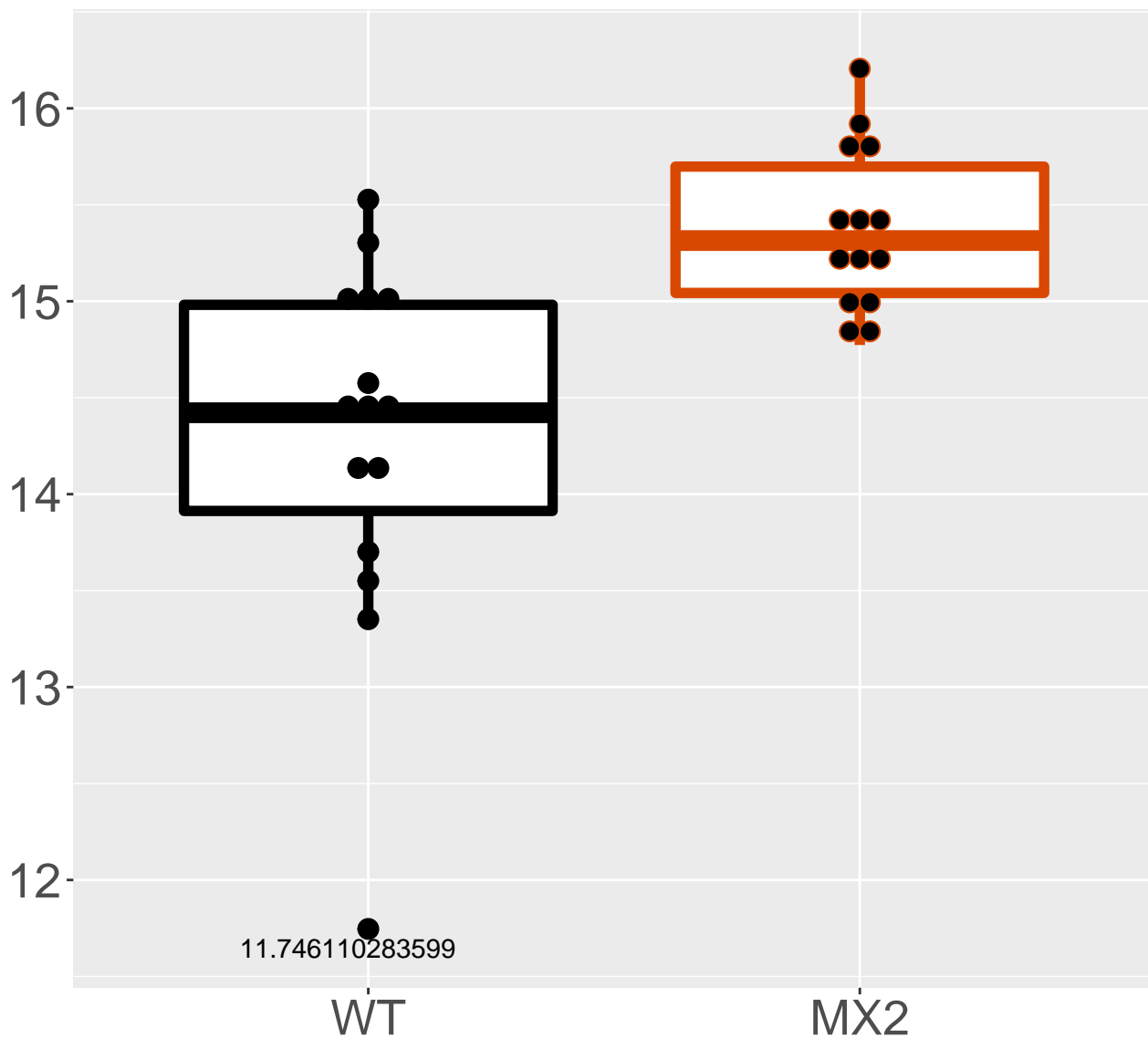


**M314.1571T356.11**

**FDR = 0.025, FC = -0.61**

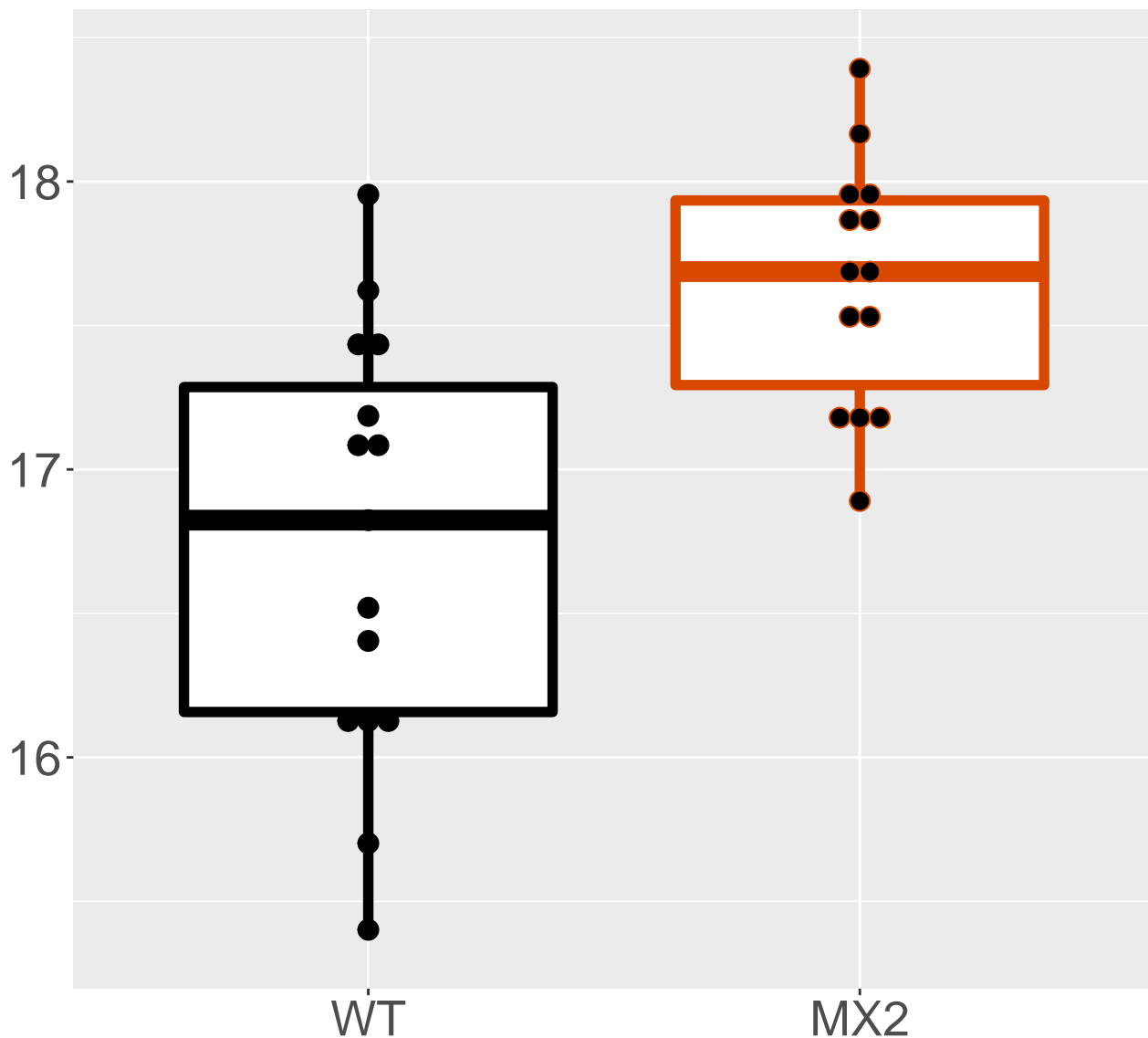


**M621.1961T299.16\_2**  
**FDR = 0.026, FC = 1.1**



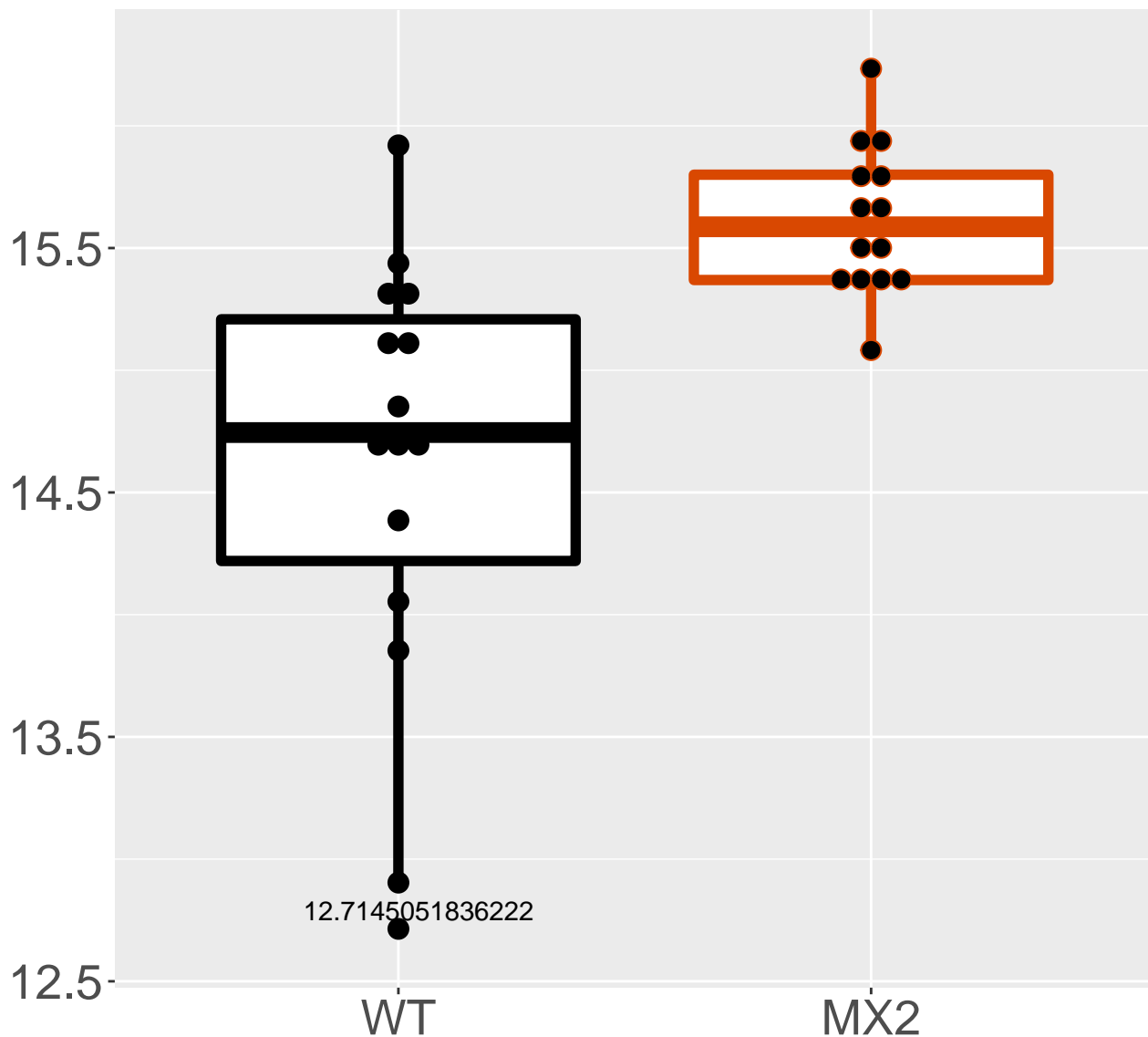


**M494.2442T298.78\_2**  
**FDR = 0.026, FC = 0.91**

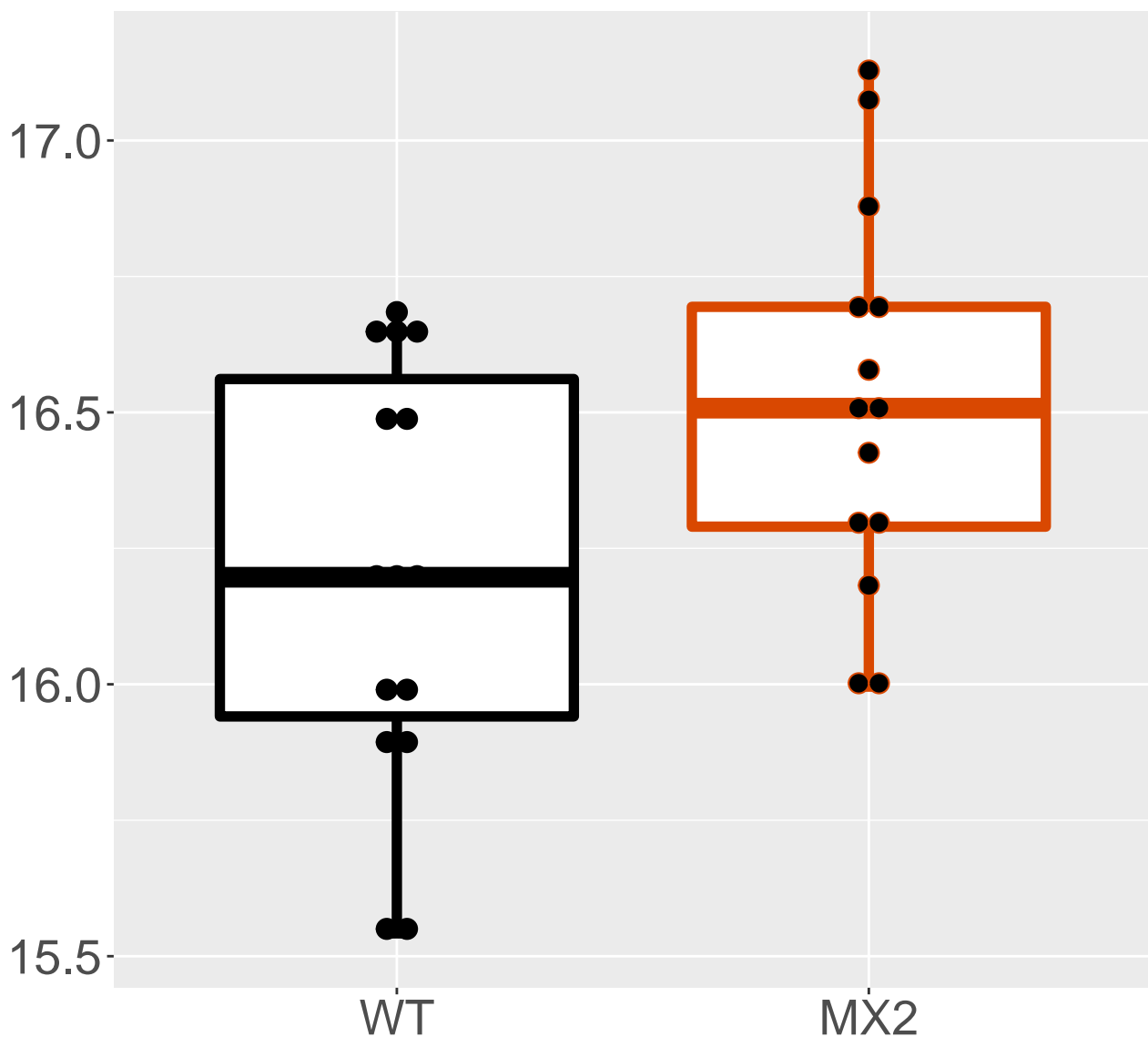


**M617.9241T301.79\_2**

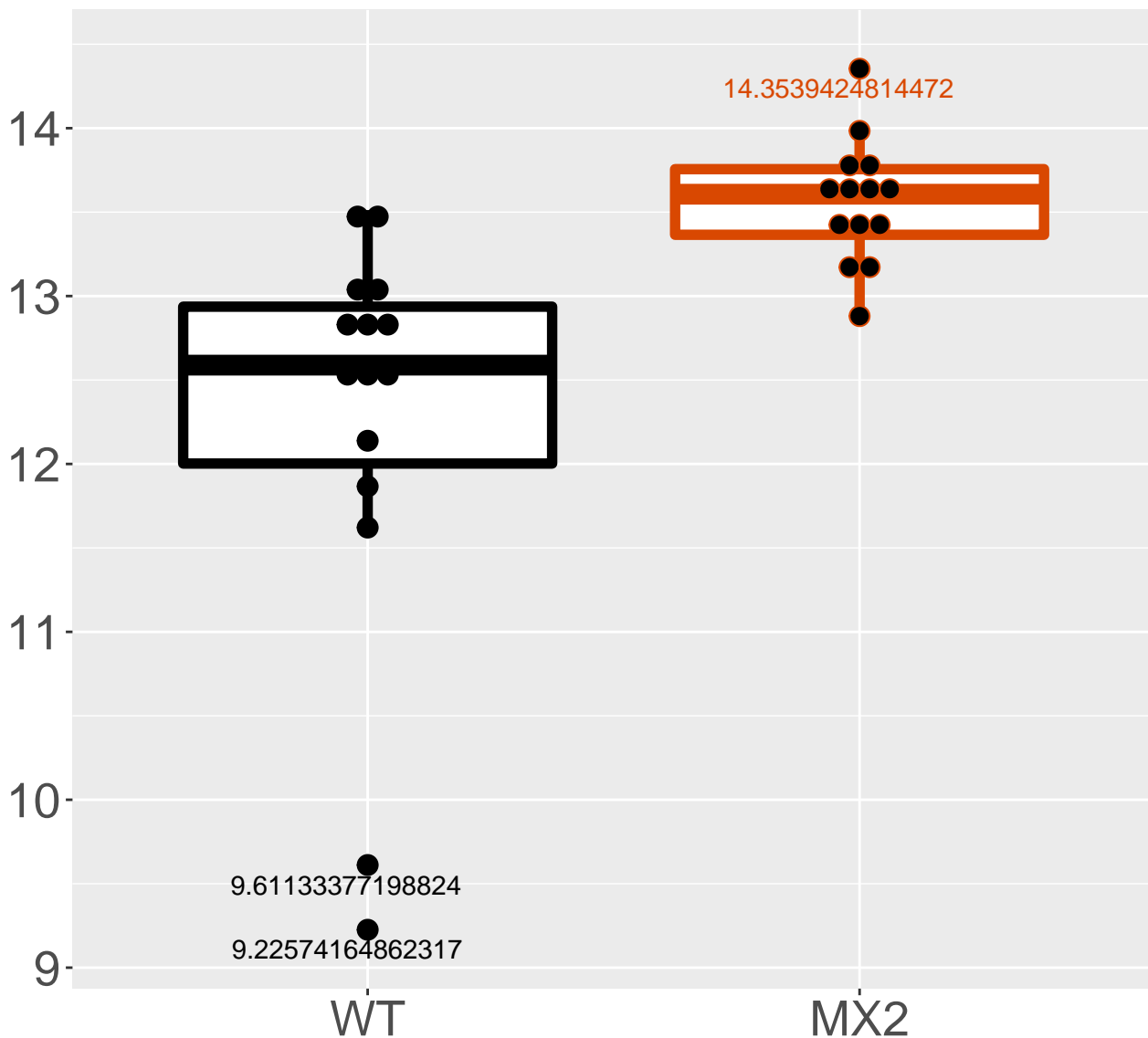
**FDR = 0.026, FC = 1**



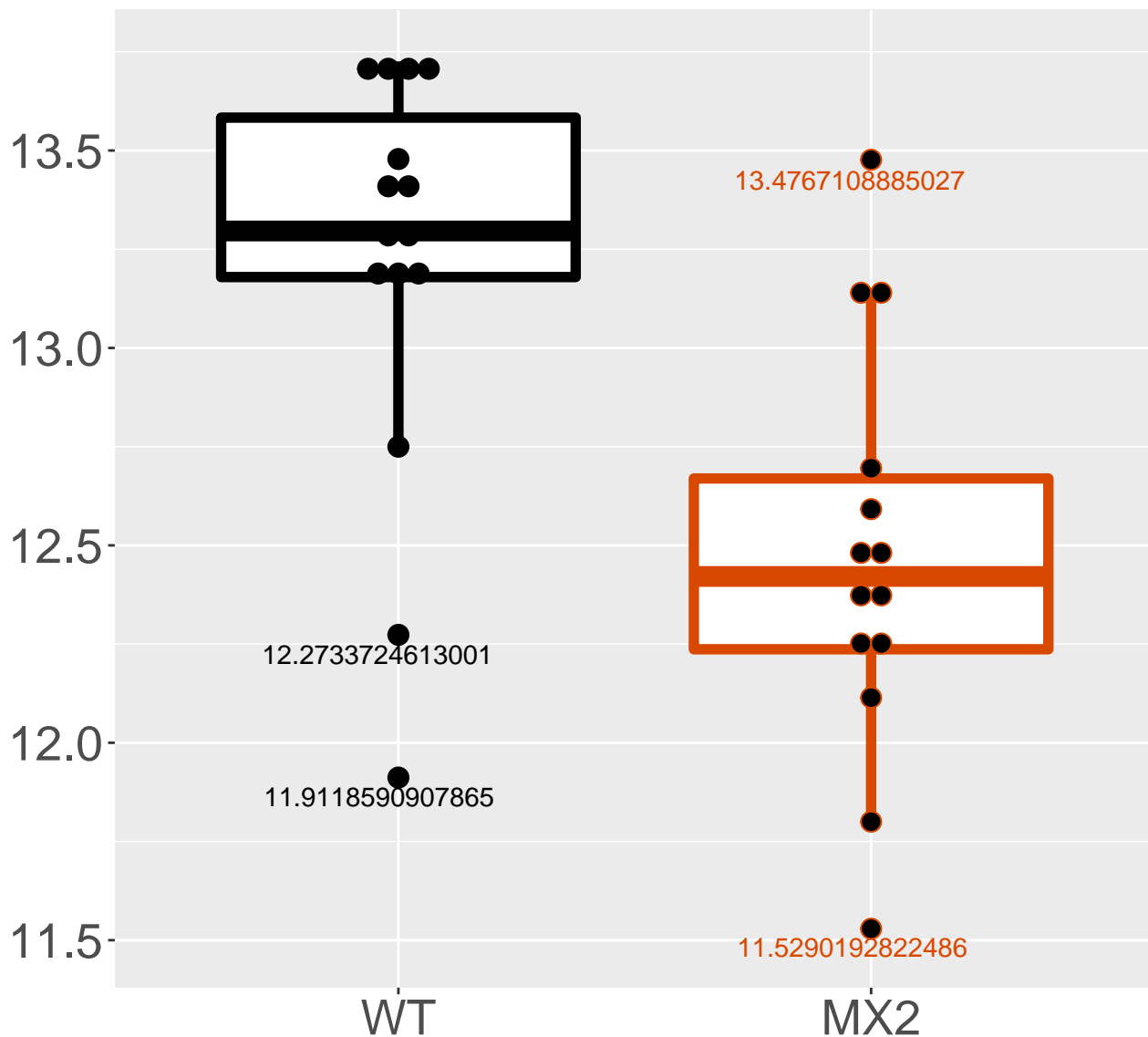
**5'-Methylthioadenosine;5'-Deoxy-5'-(methylt**  
**FDR = 0.031, FC = 0.31, sex\*\*\***



**M733.0887T298.39\_1**  
**FDR = 0.034, FC = 1.3**

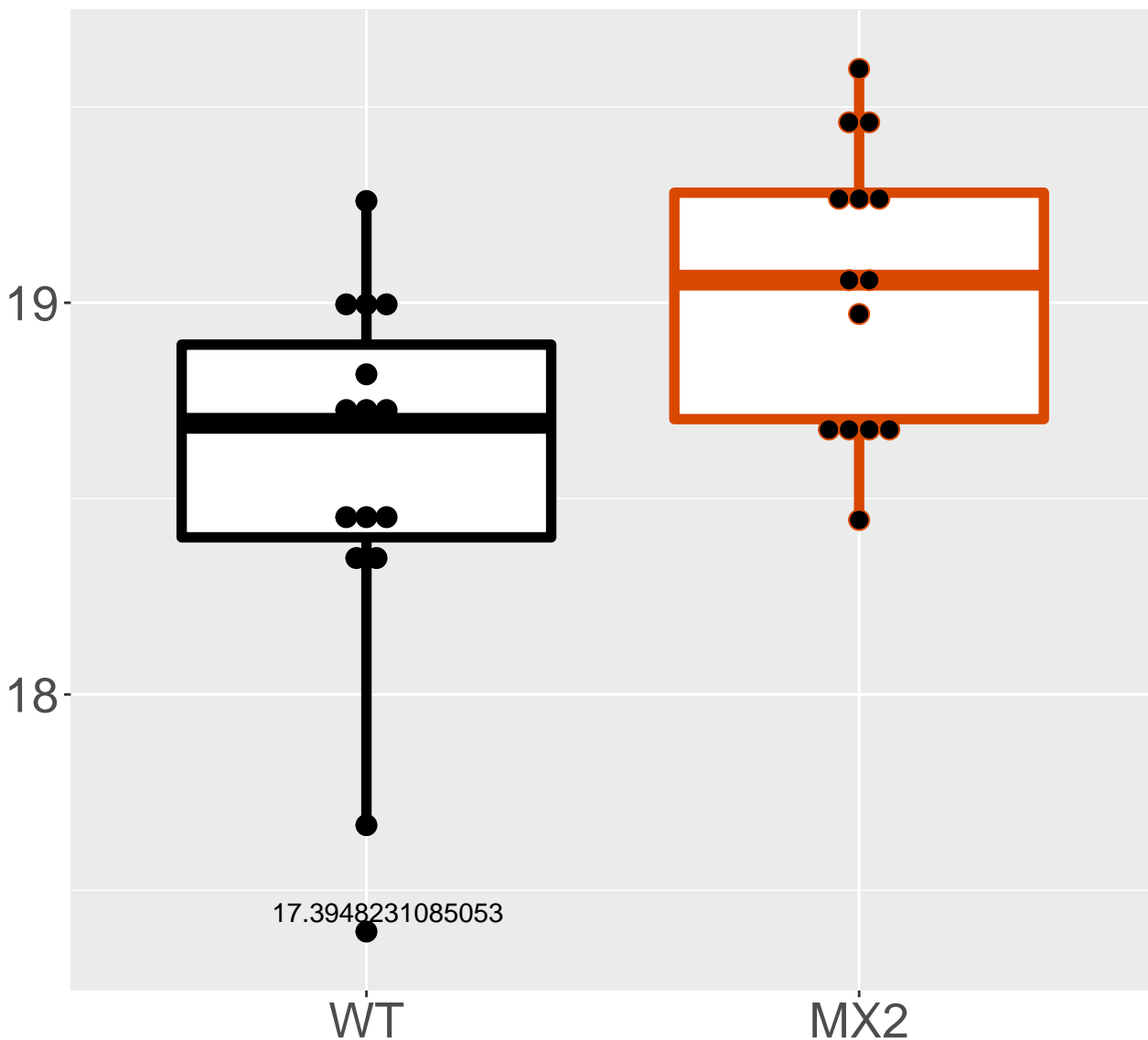


**M567.2931T271.89\_4**  
**FDR = 0.035, FC = -0.73**



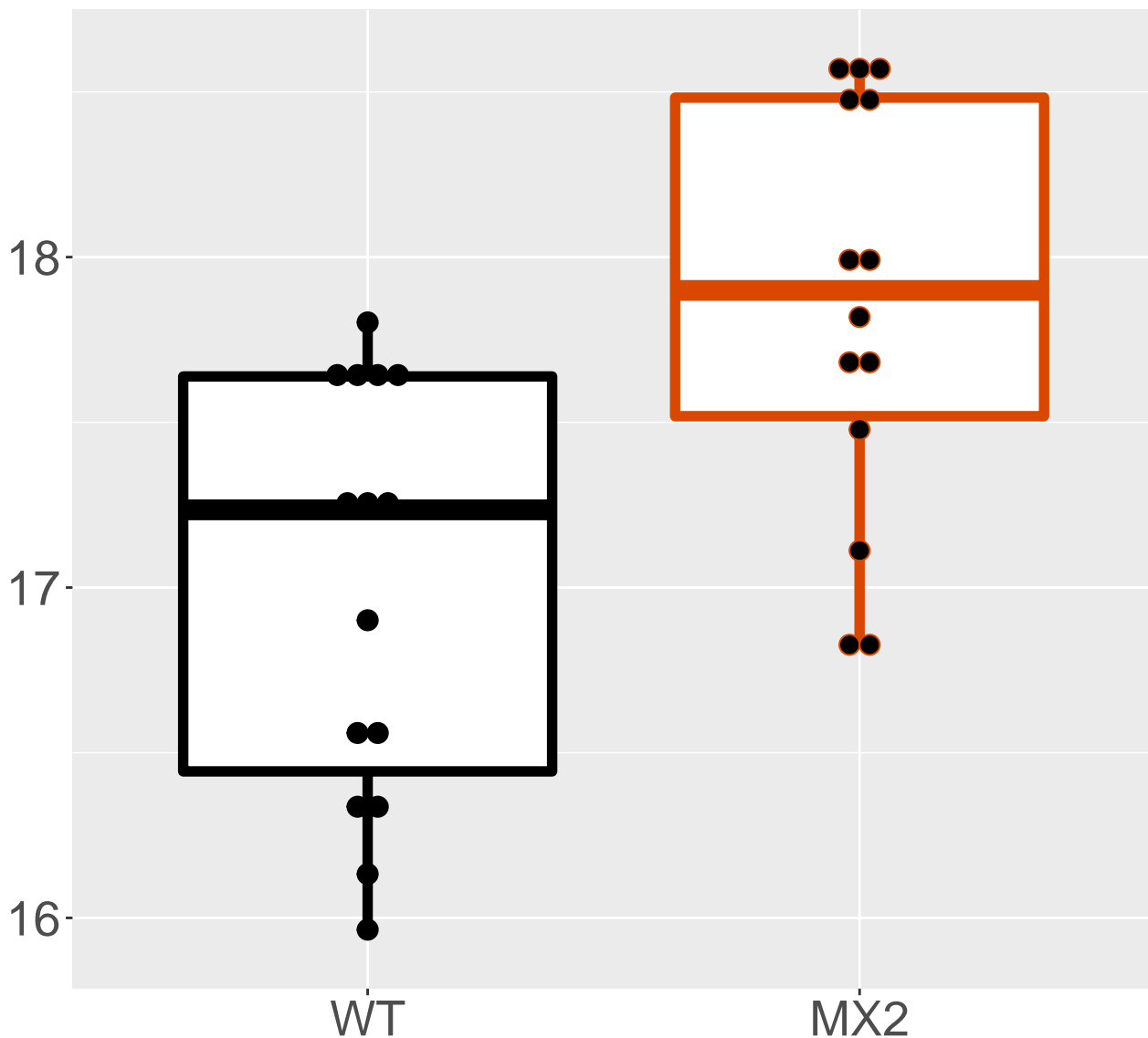
**Uracil**

**FDR = 0.035, FC = 0.49, sex\*\***

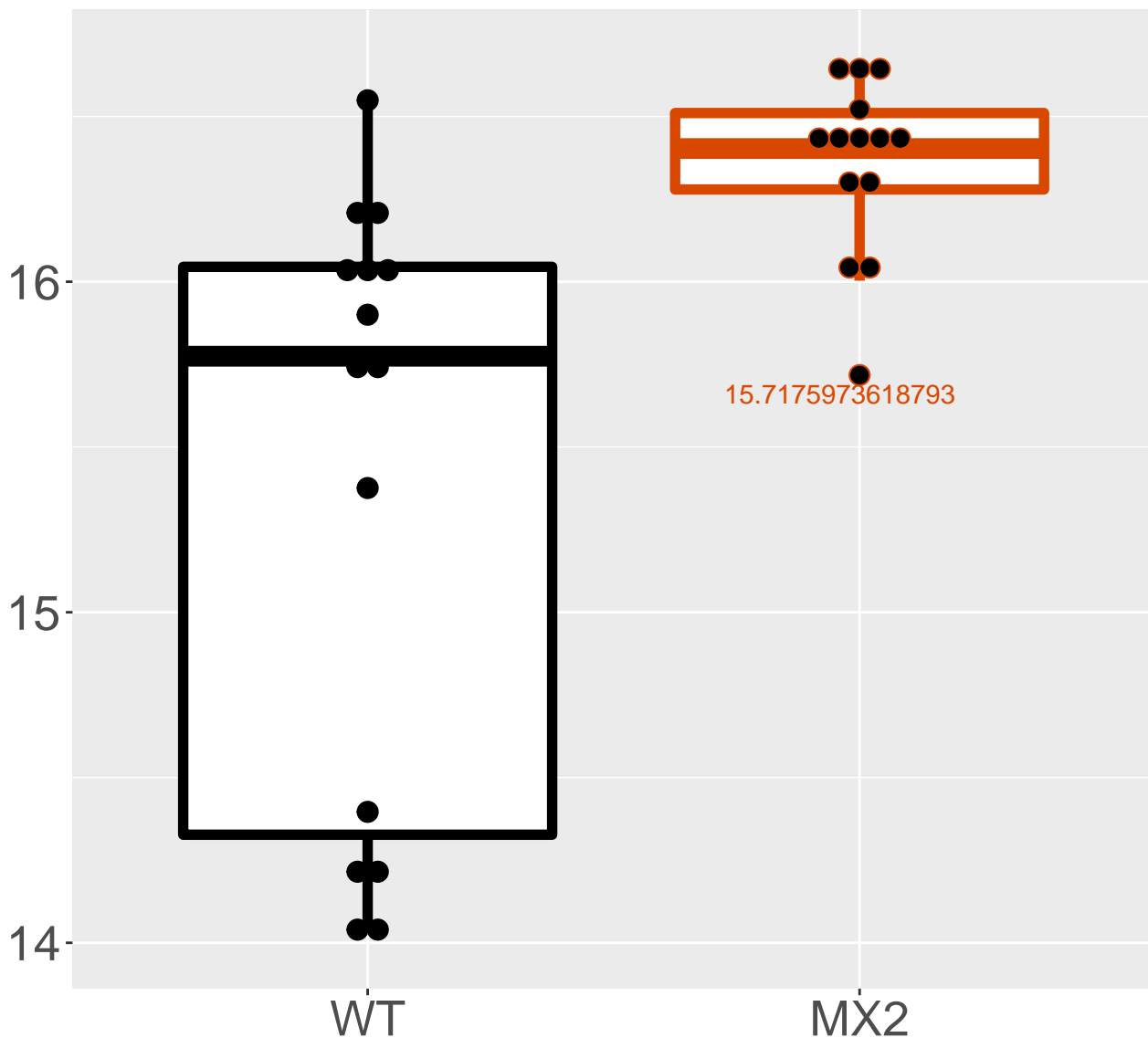


**M546.2845T723.84**

**FDR = 0.035, FC = 0.87**



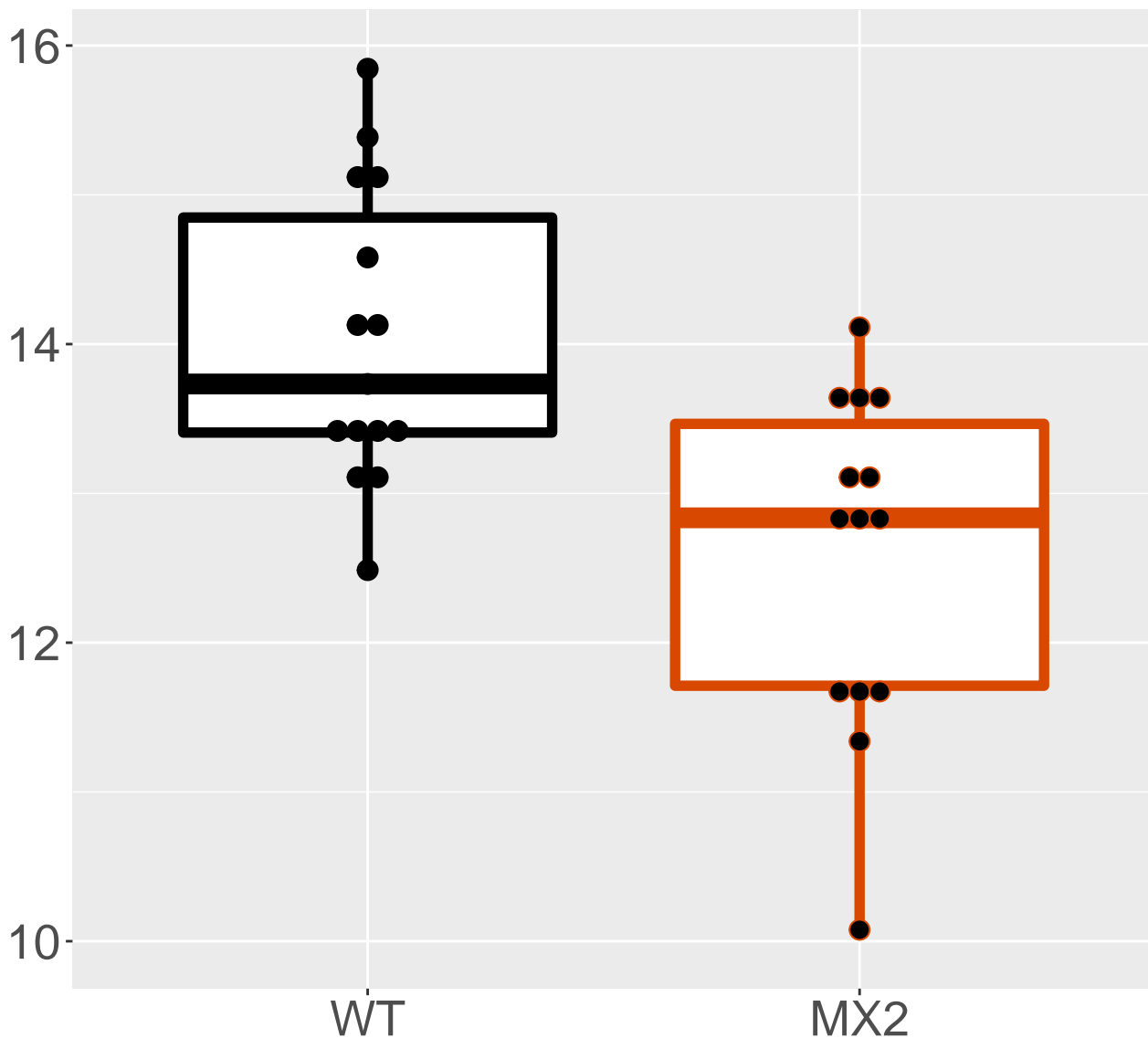
**FDR = 0.036, FC = 0.97**



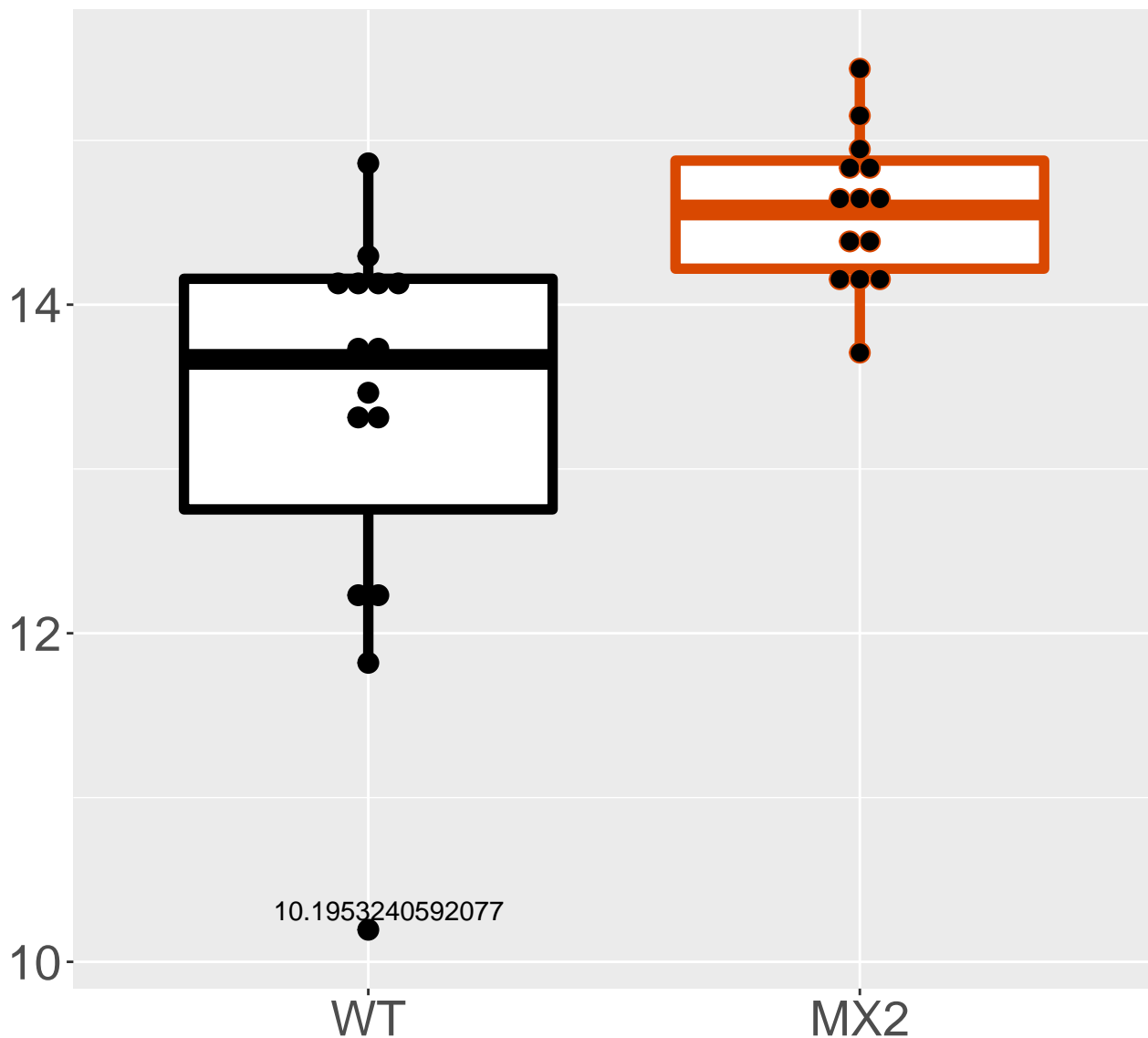


**M810.1232T347.99\_2**

**FDR = 0.036, FC = -1.5**

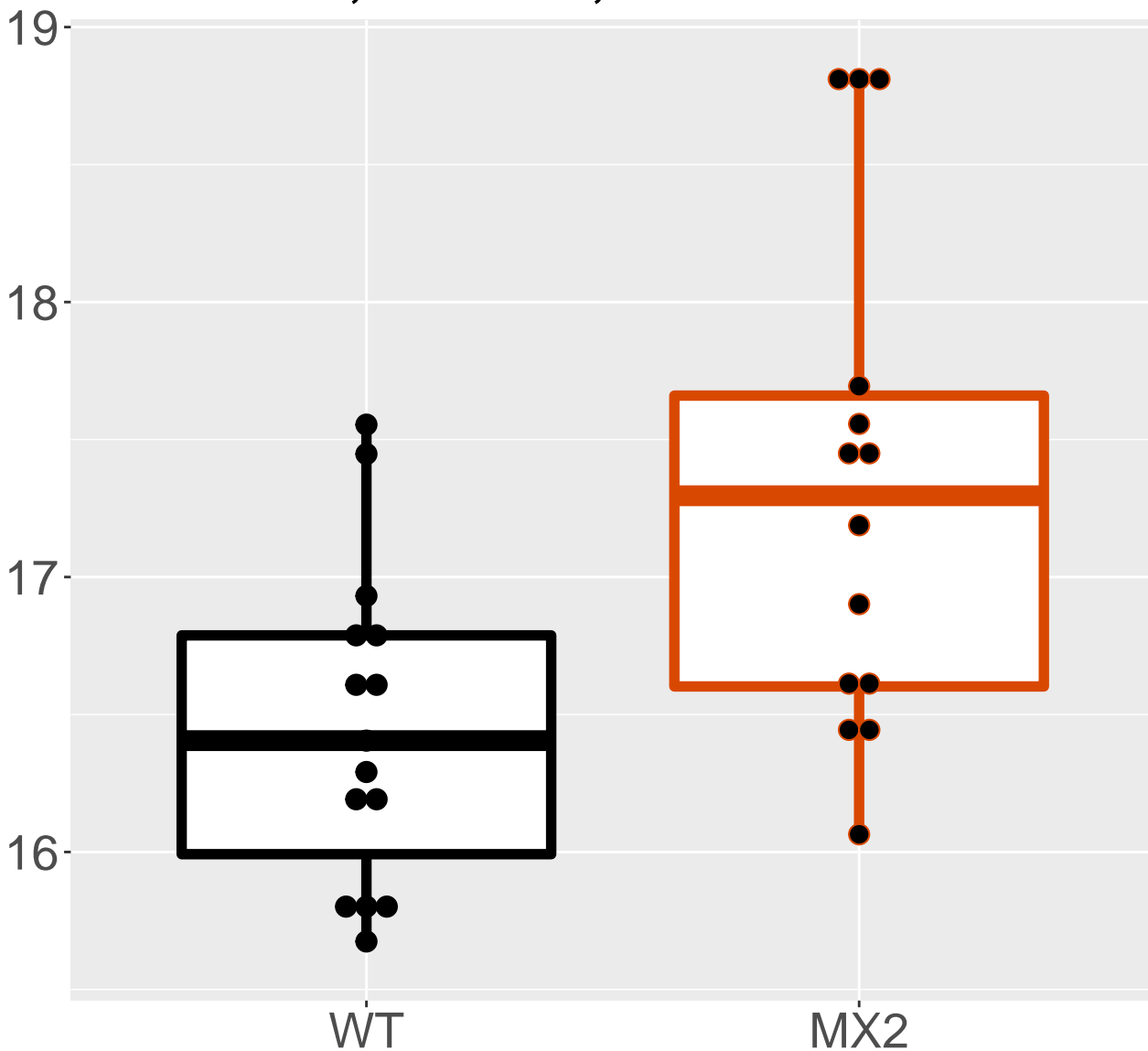


**M621.6977T299.19\_2**  
**FDR = 0.037, FC = 1.3**

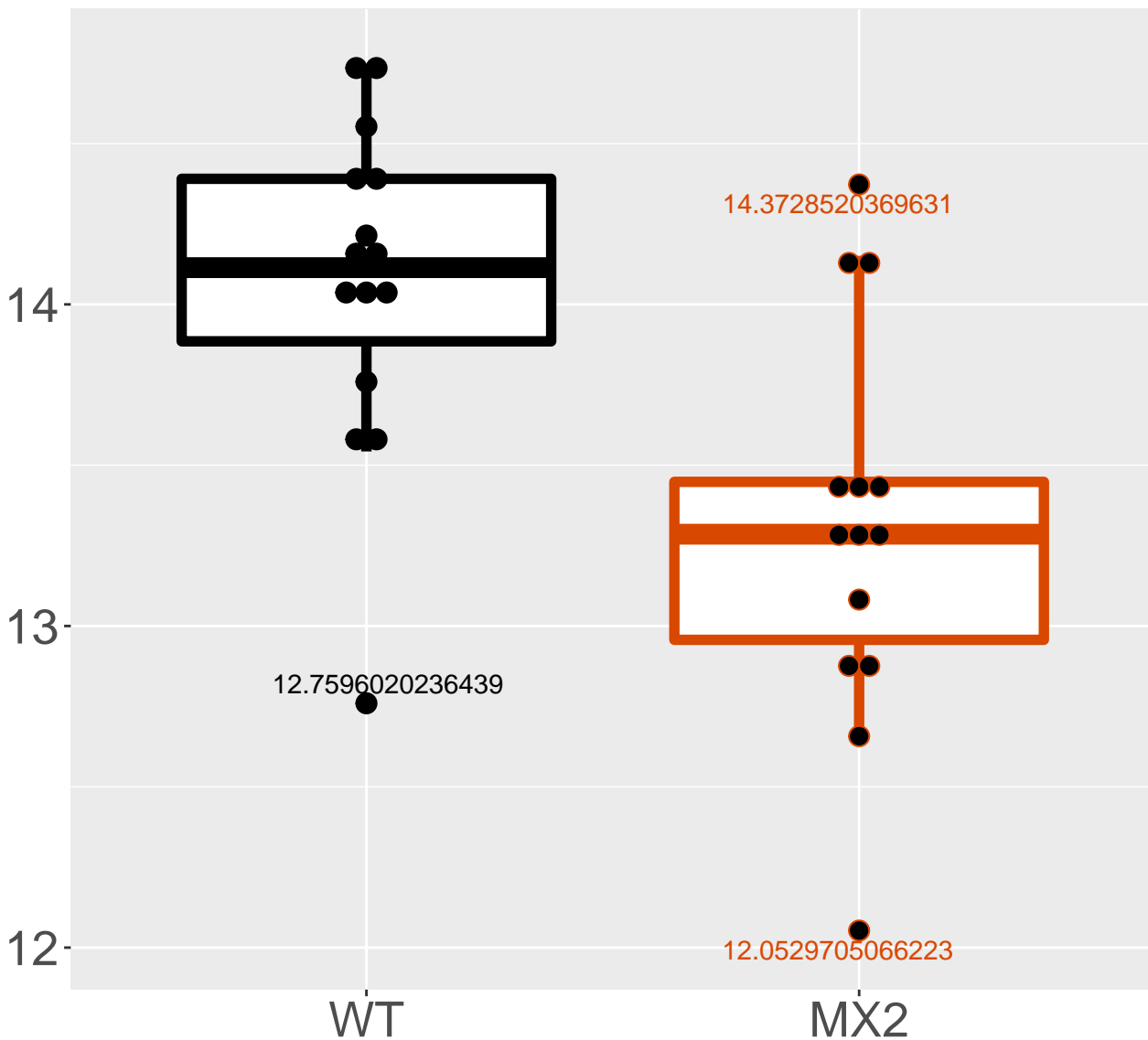


**M192.0331T59.35**

**FDR = 0.037, FC = 0.88, sex\*\***

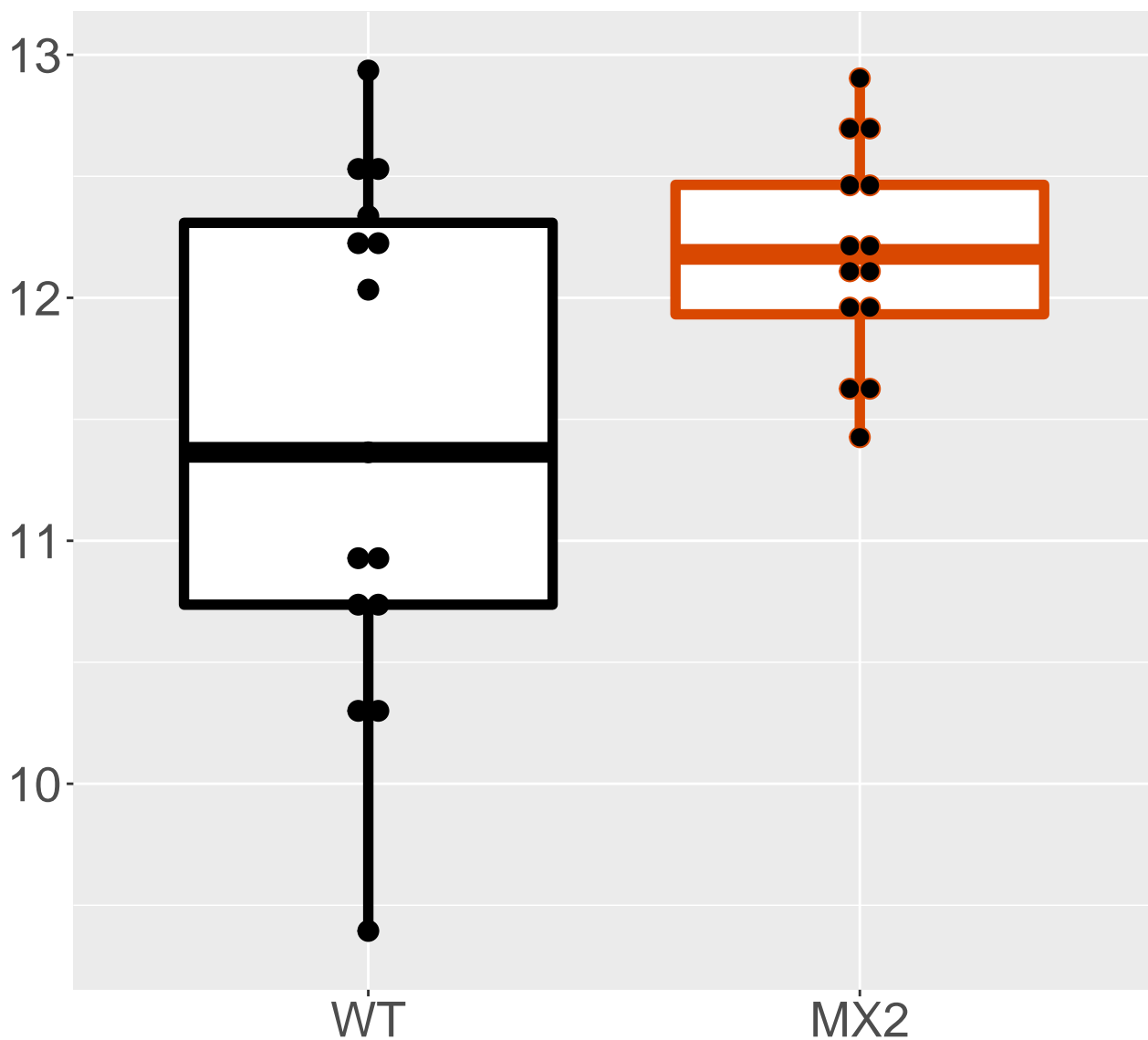


**M567.0926T271.96\_3**  
**FDR = 0.037, FC = -0.77**

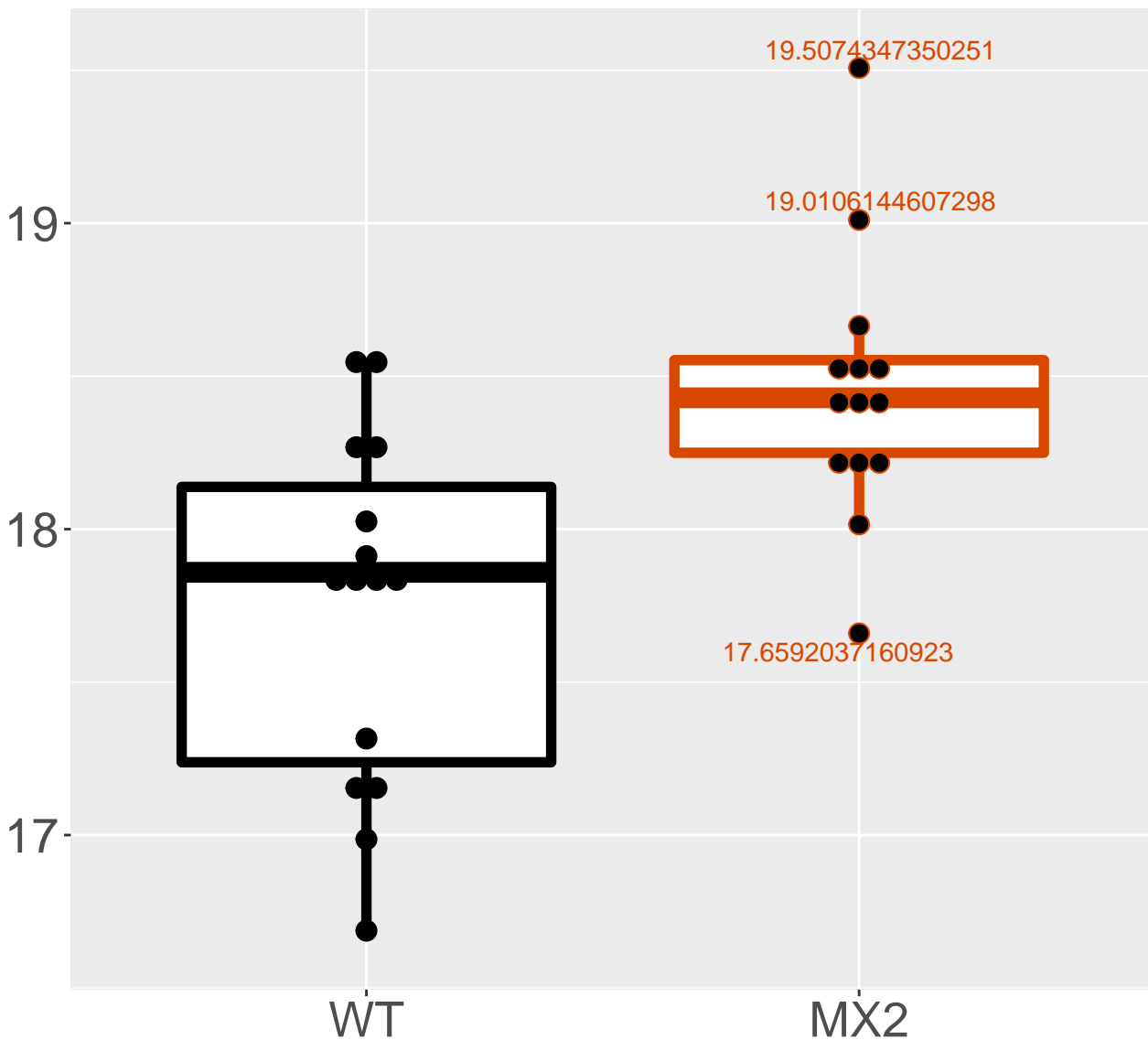


**M687.707T404.29\_2**

**FDR = 0.037, FC = 0.74, sex\*\*\***

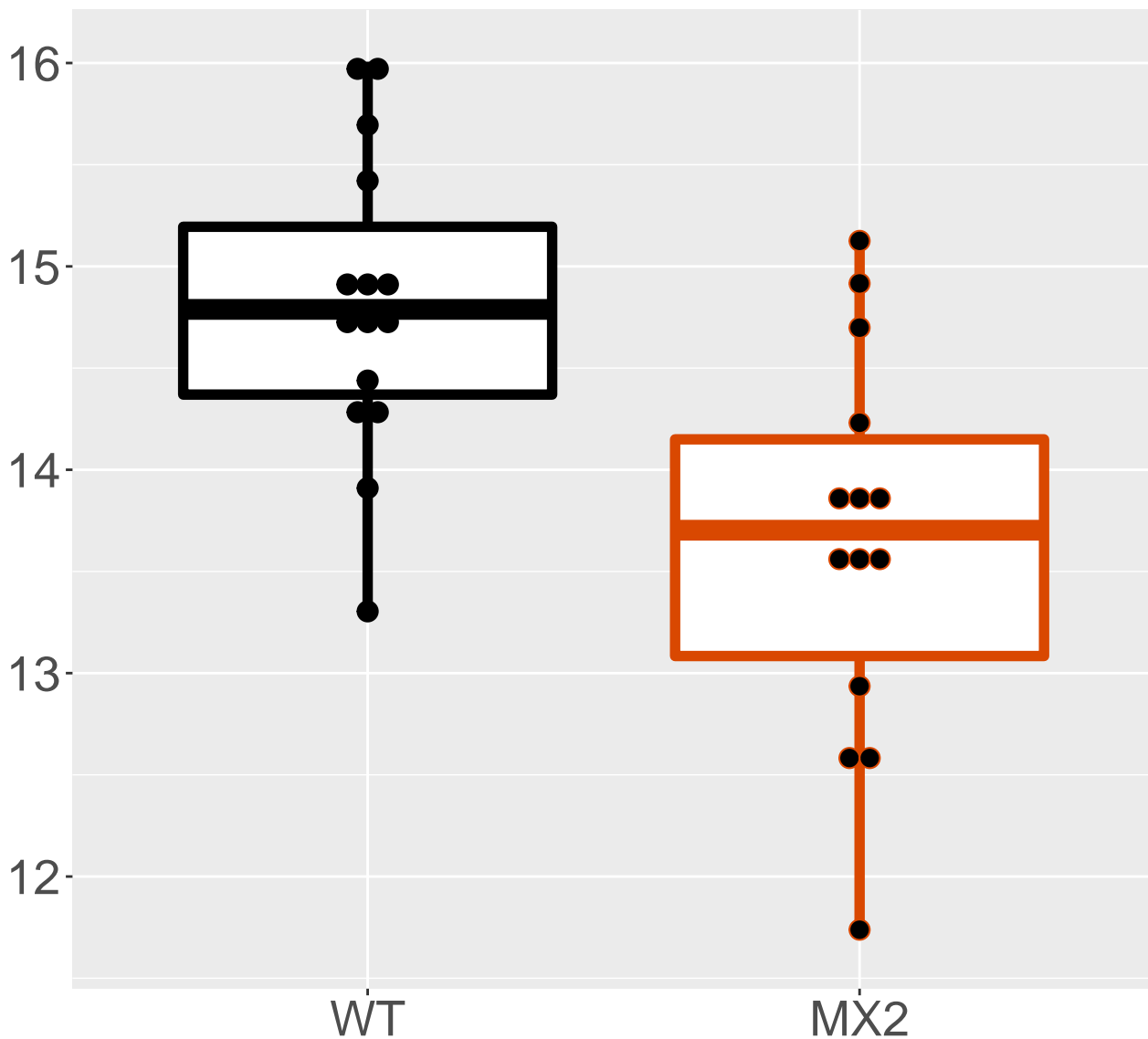


**M566.6037T304.61\_1**  
**FDR = 0.037, FC = 0.7**

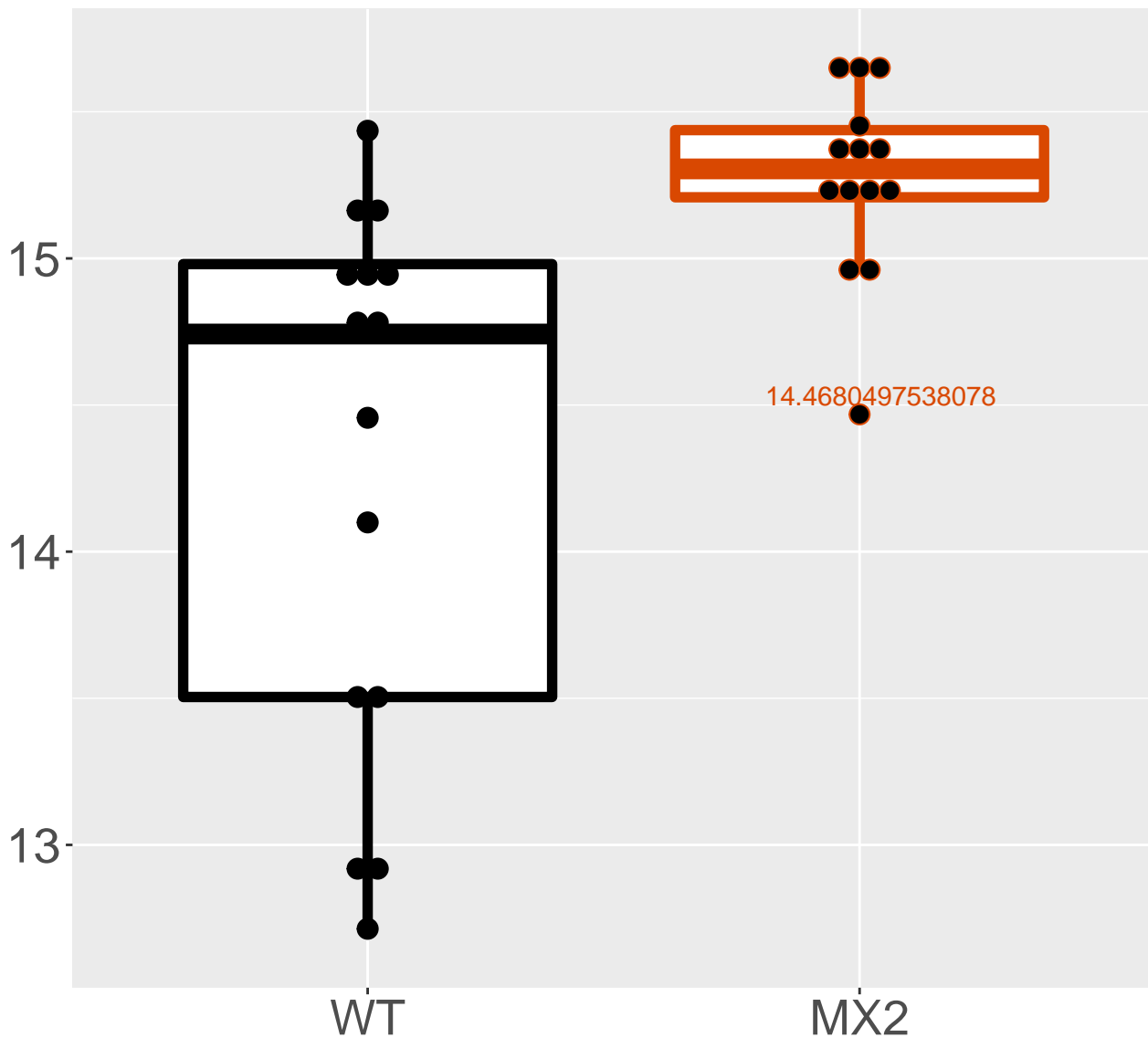


**M585.7195T292.93\_2**

**FDR = 0.038, FC = -1.2**



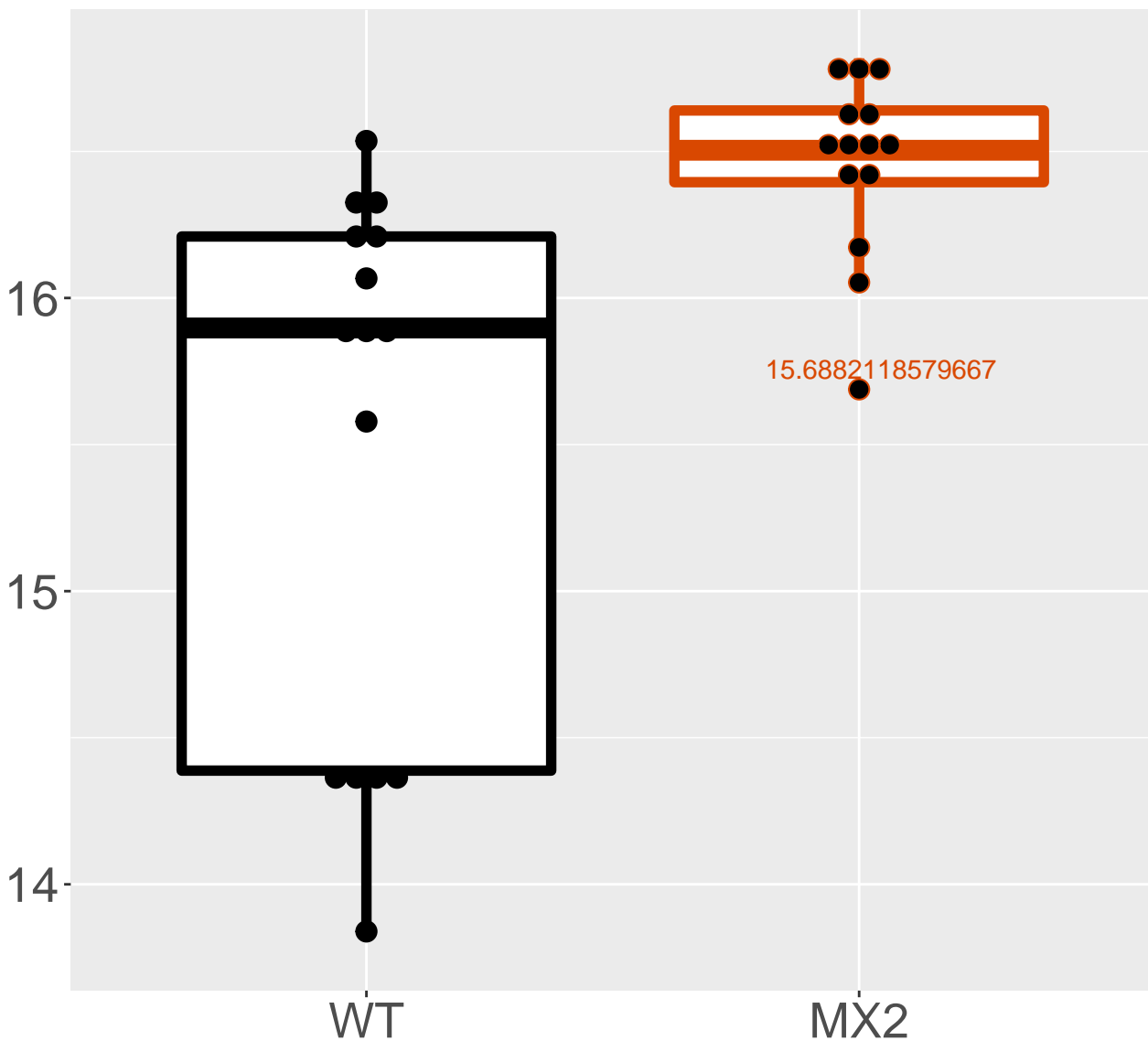
**M976.9966T373.84\_1**  
**FDR = 0.038, FC = 0.99**



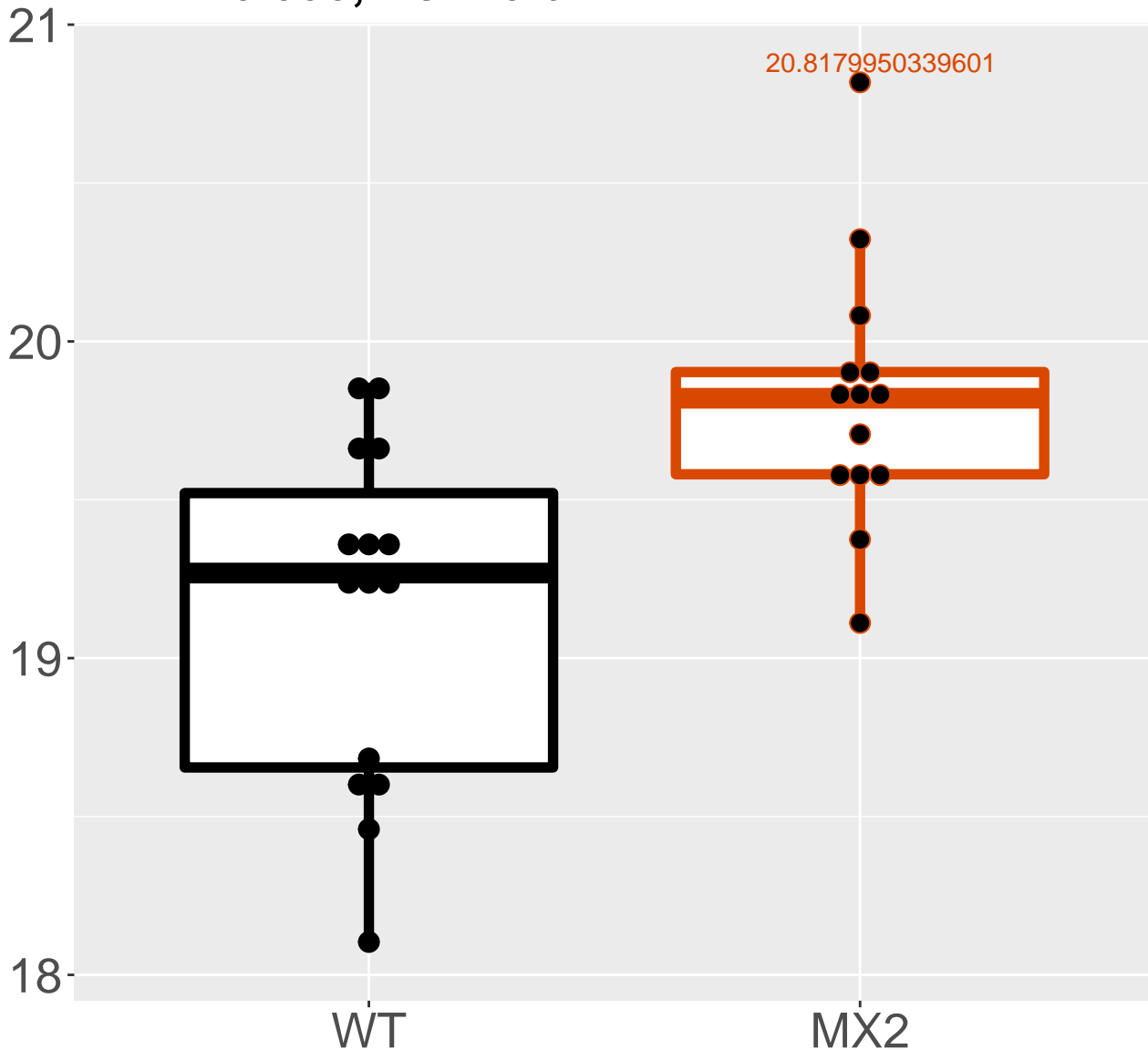


**M977.4979T373.92\_3**

**FDR = 0.038, FC = 0.98**

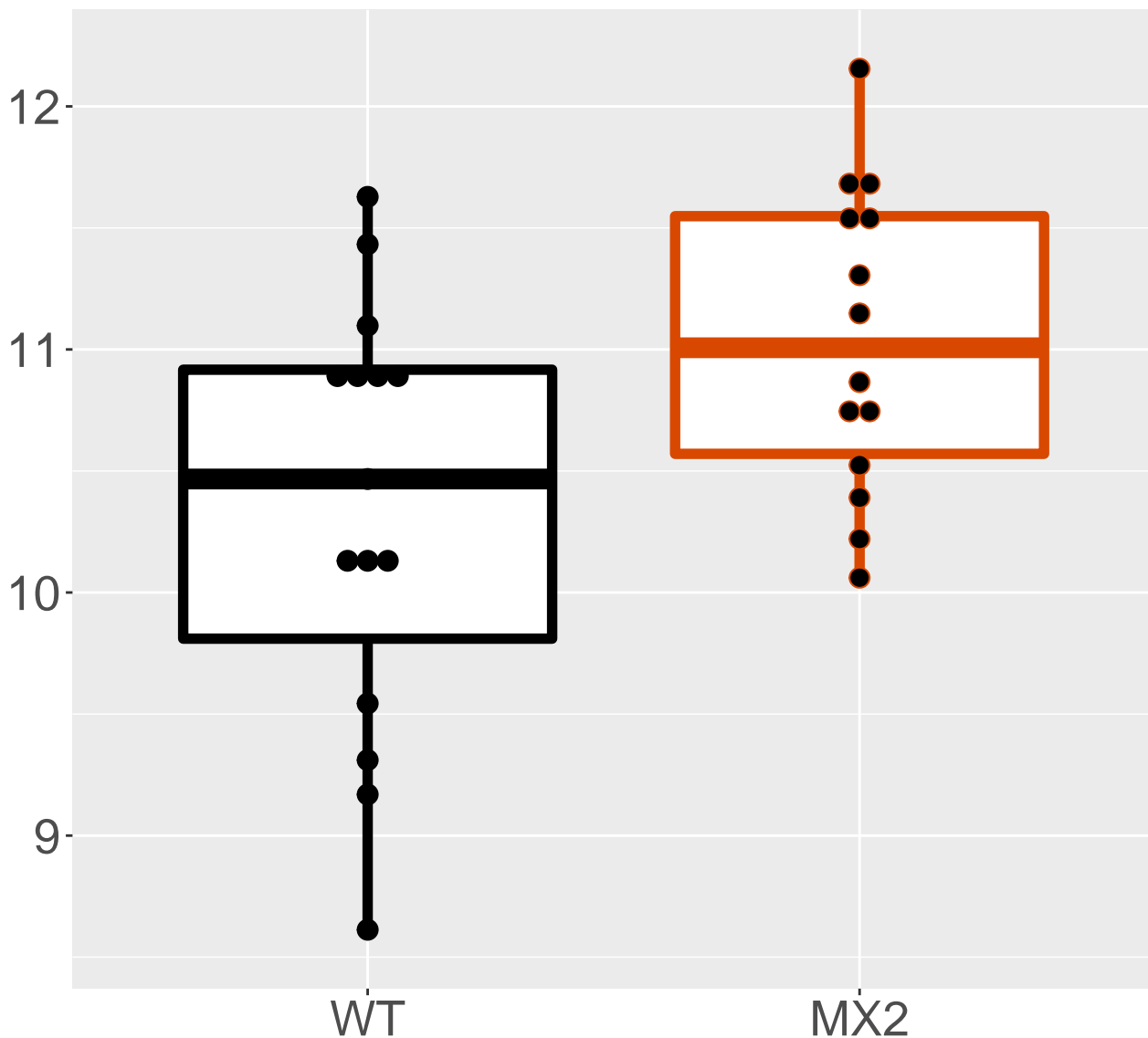


**M565.9351T304.61\_1**  
**FDR = 0.038, FC = 0.67**



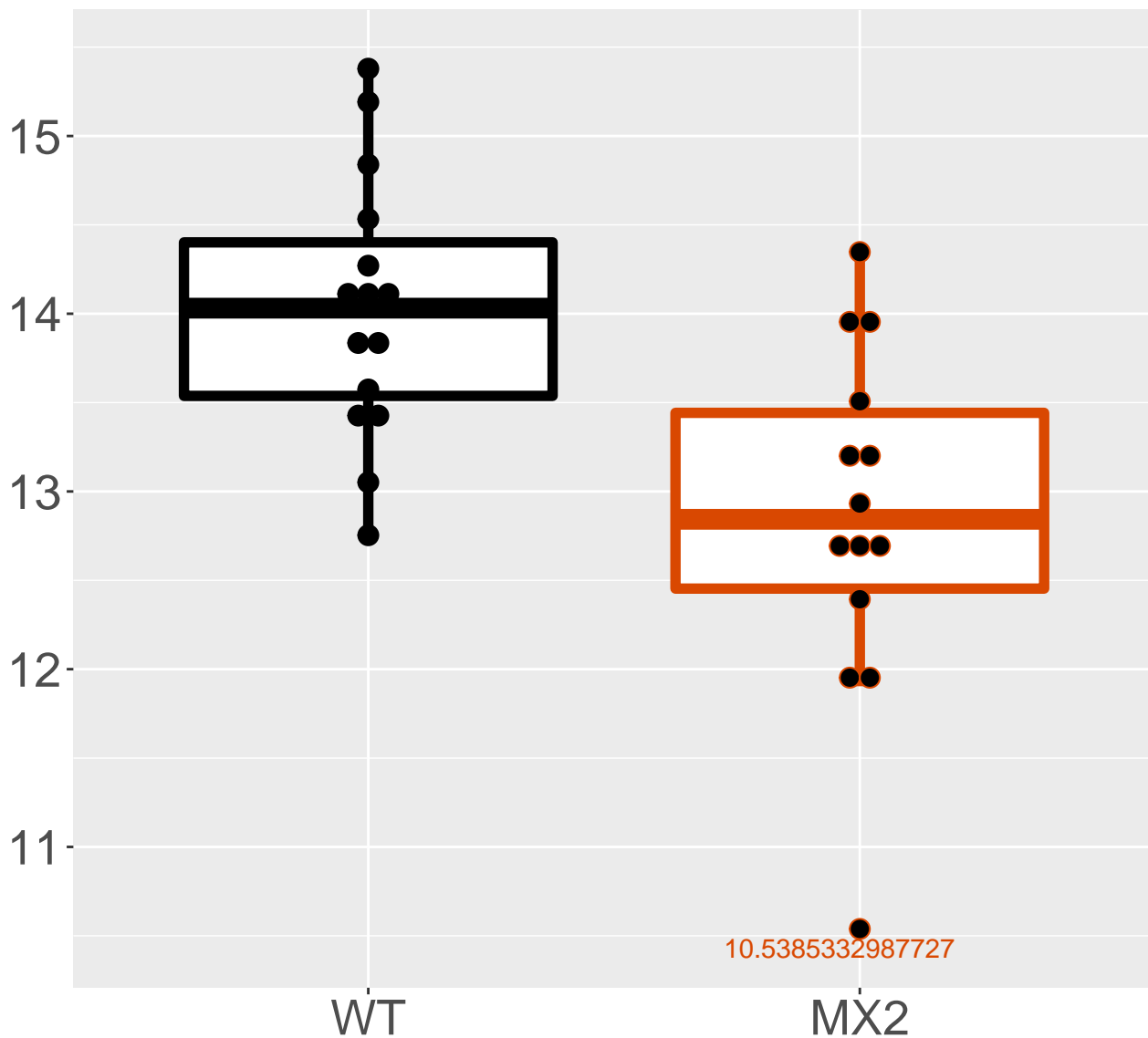
**M365.0786T142.86**

**FDR = 0.039, FC = 0.7, sex\*\*\***

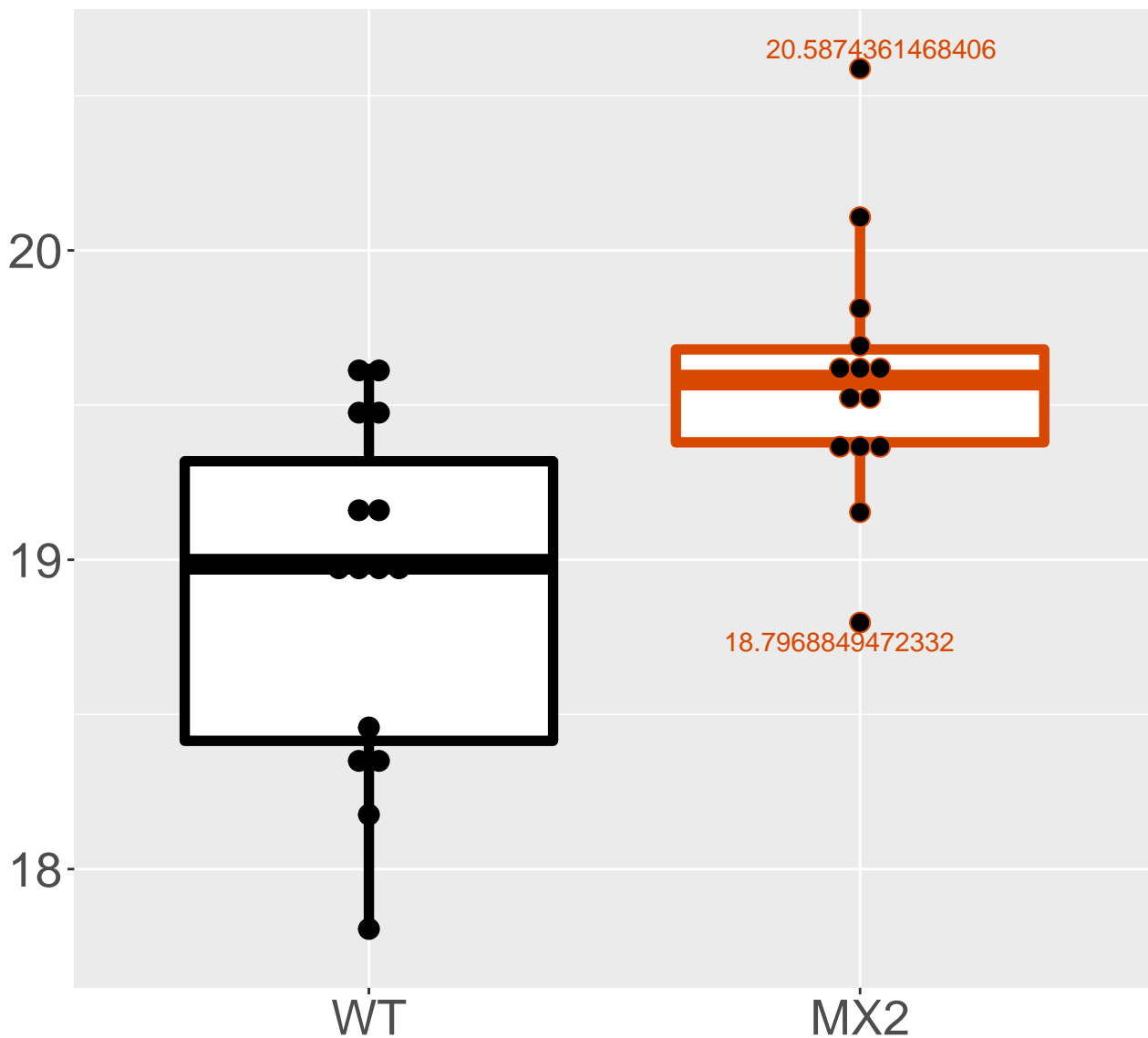


**M585.92T293.03\_3**

**FDR = 0.039, FC = -1.2**

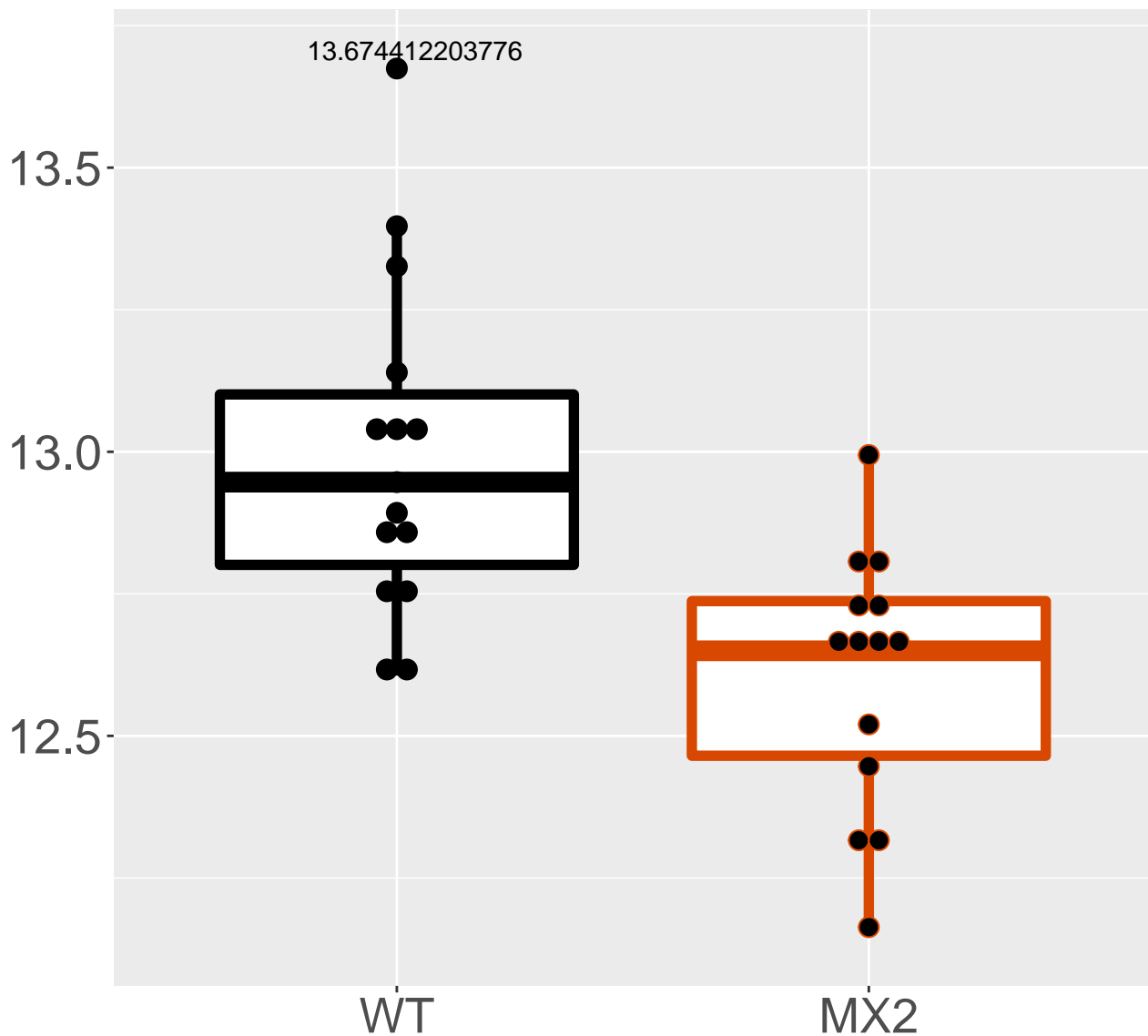


**M566.2693T304.61\_2**  
**FDR = 0.039, FC = 0.68**



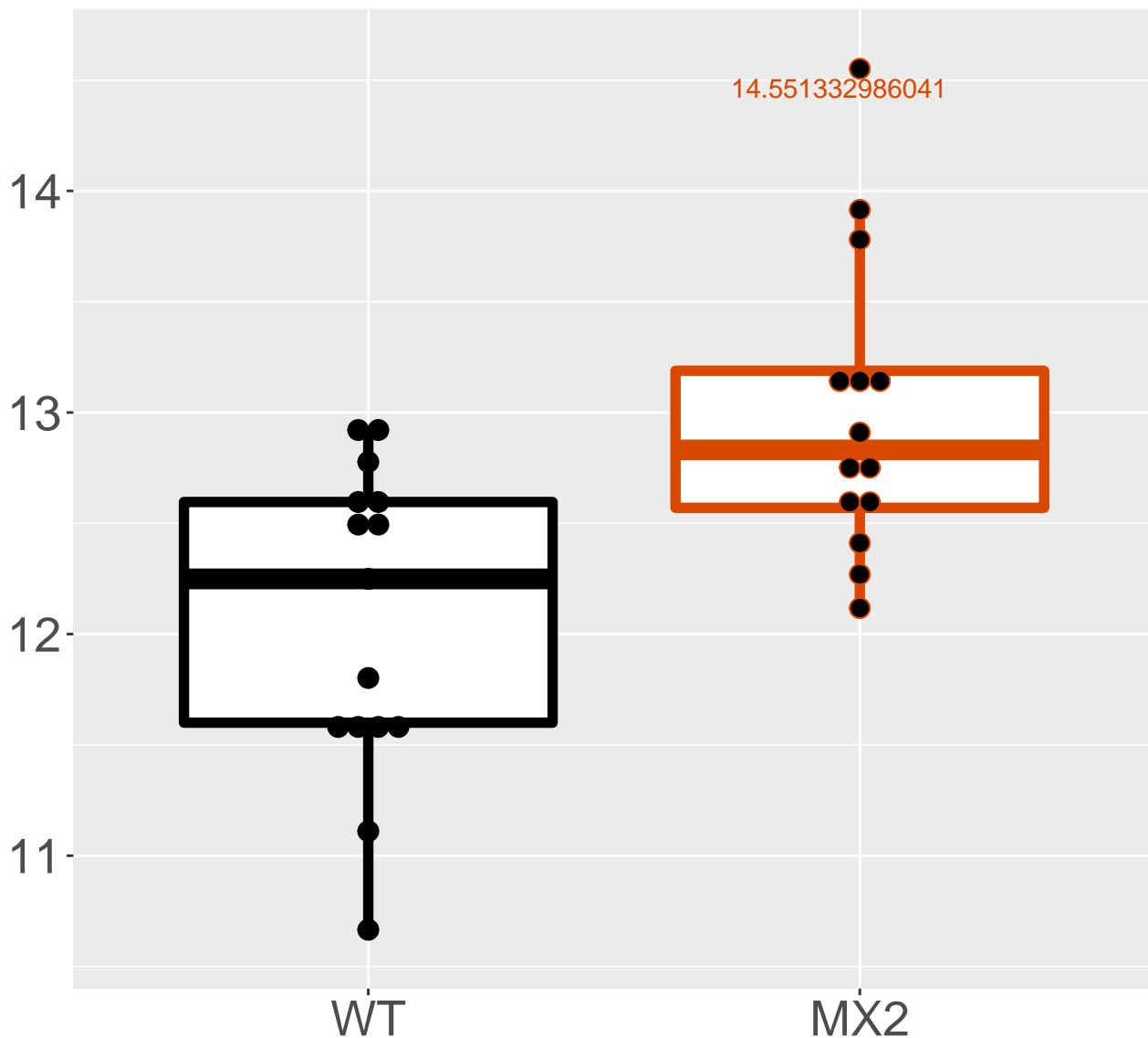
**M381.5541T339.69**

**FDR = 0.039, FC = -0.39**



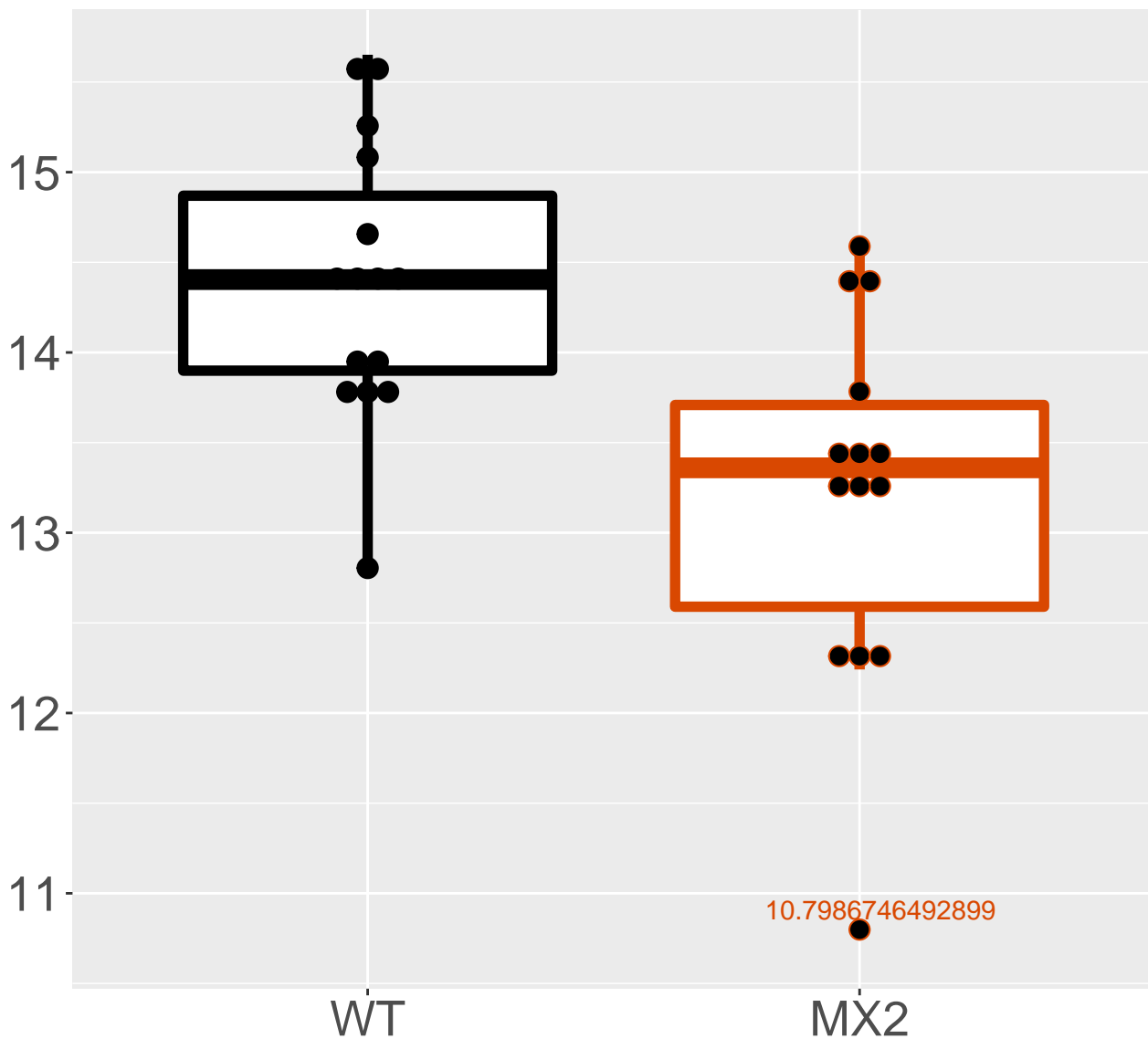
**M291.0989T142.58**

**FDR = 0.044, FC = 0.94**



**M585.3183T293.01**

**FDR = 0.048, FC = -1.2**





**M270.6437T213.05**

**FDR = 0.049, FC = -0.97**

