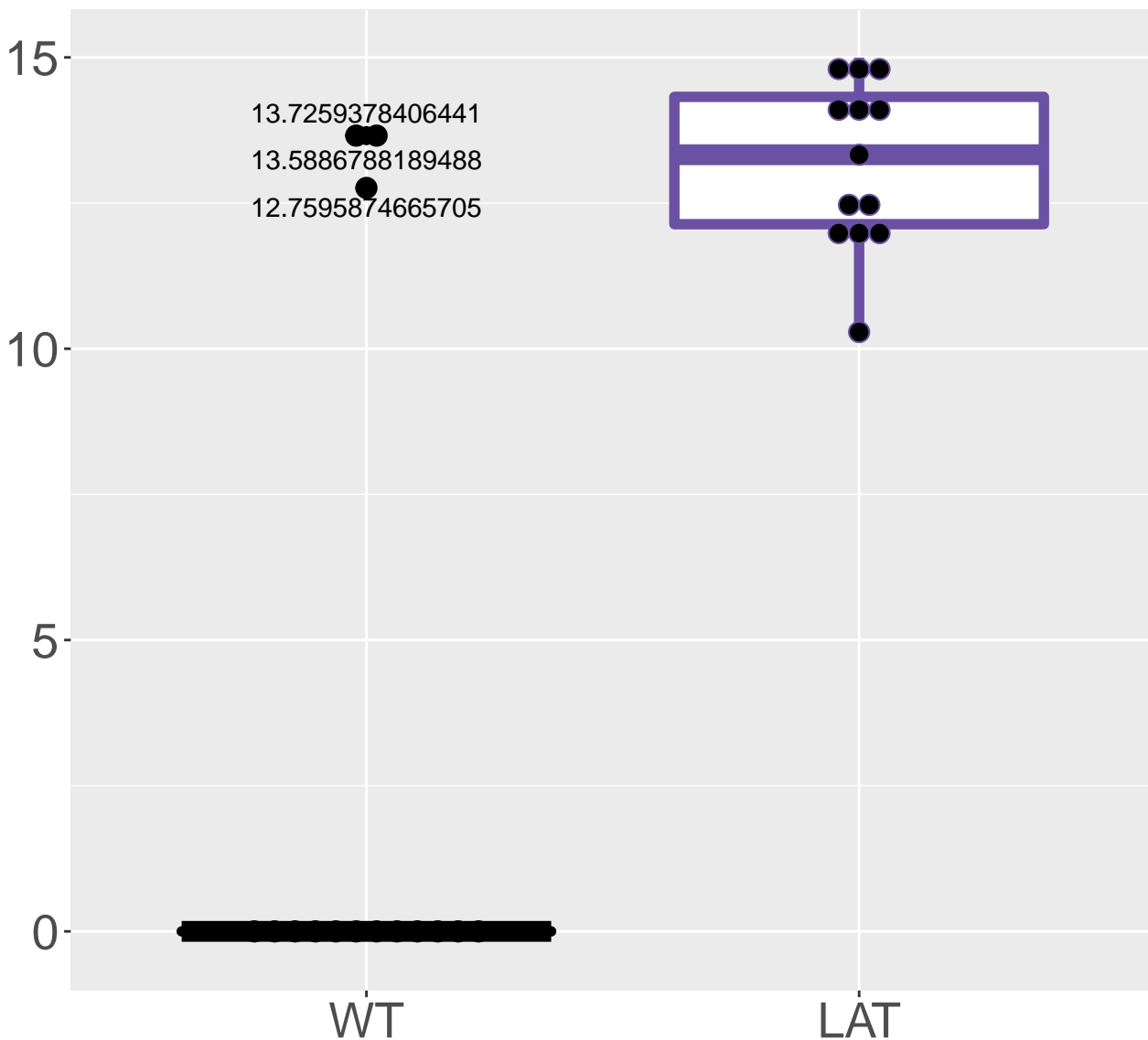


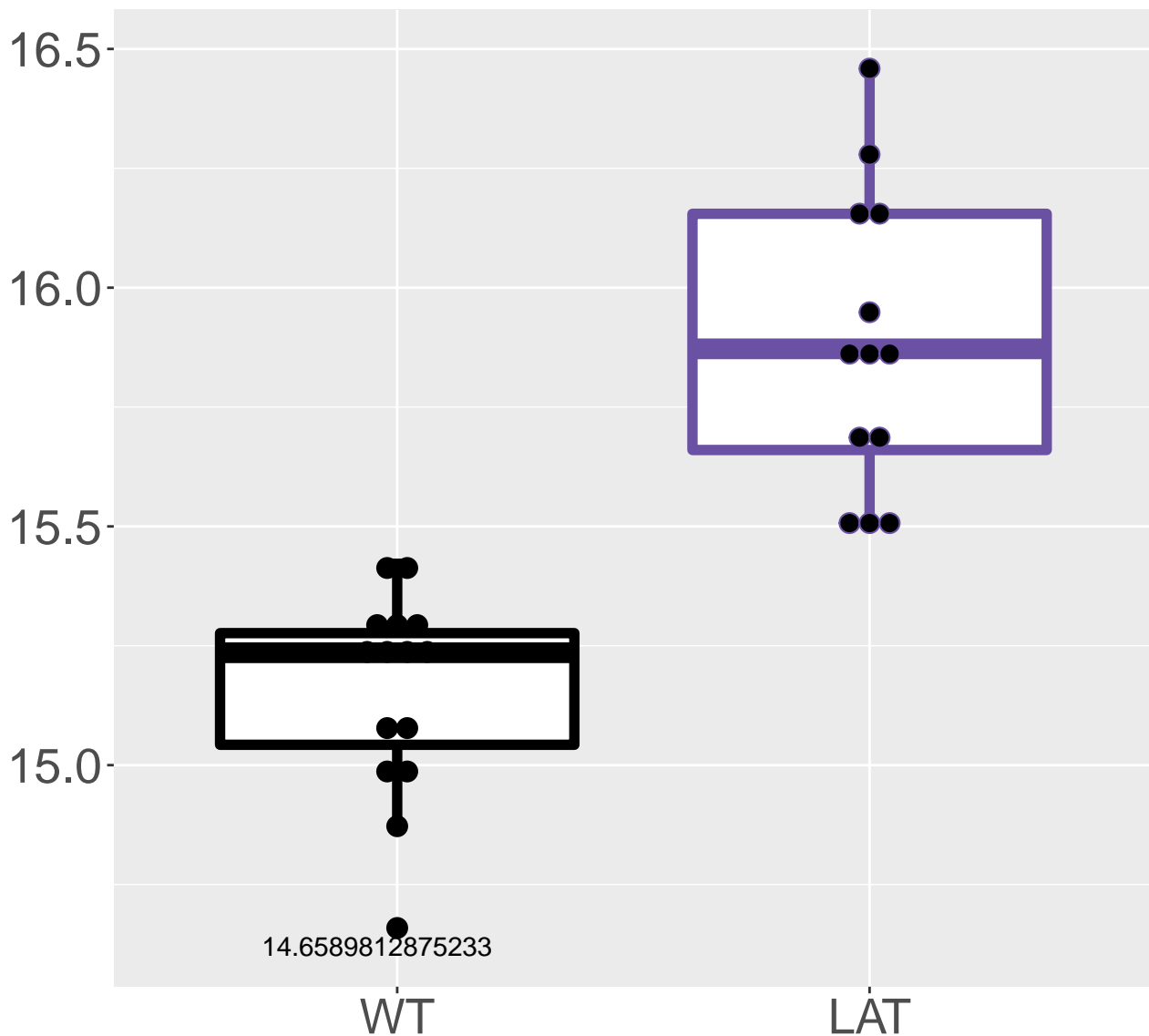
**M239.0025T146.67**

**FDR = 0.00017, FC = 11**



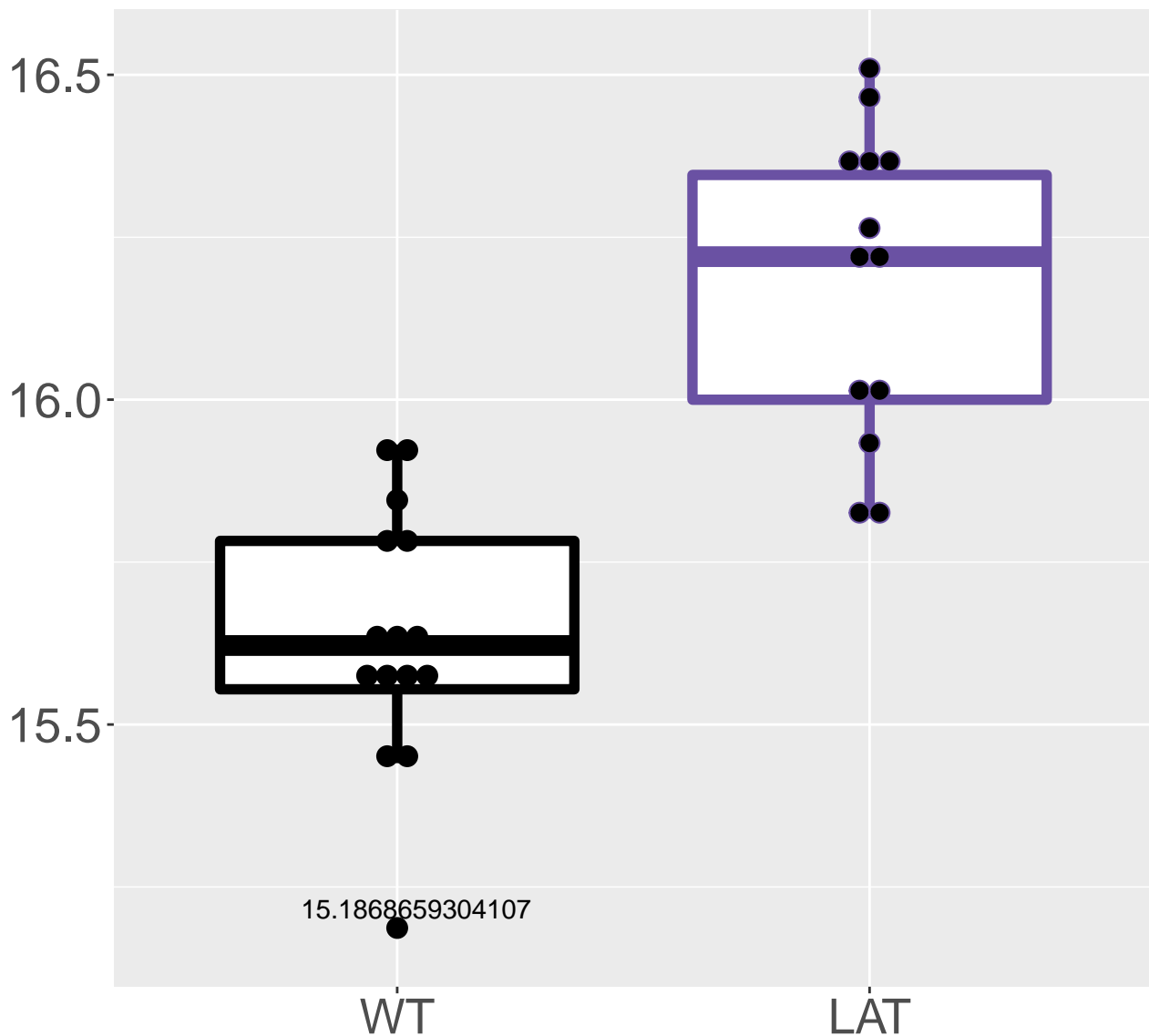
**M248.0239T639.01**

**FDR = 0.00017, FC = 0.73**



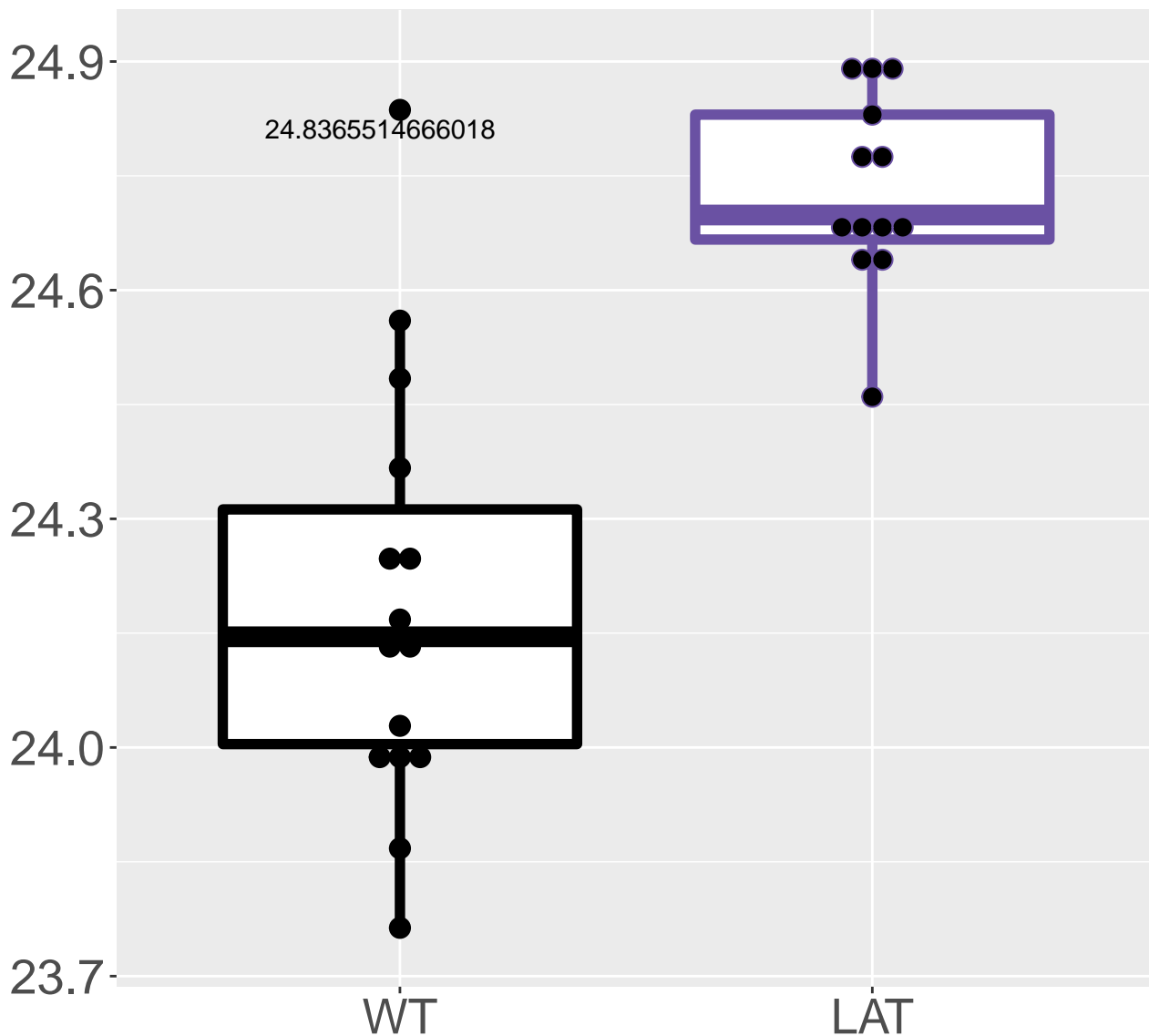
**M128.0117T610.93**

**FDR = 0.00017, FC = 0.55**



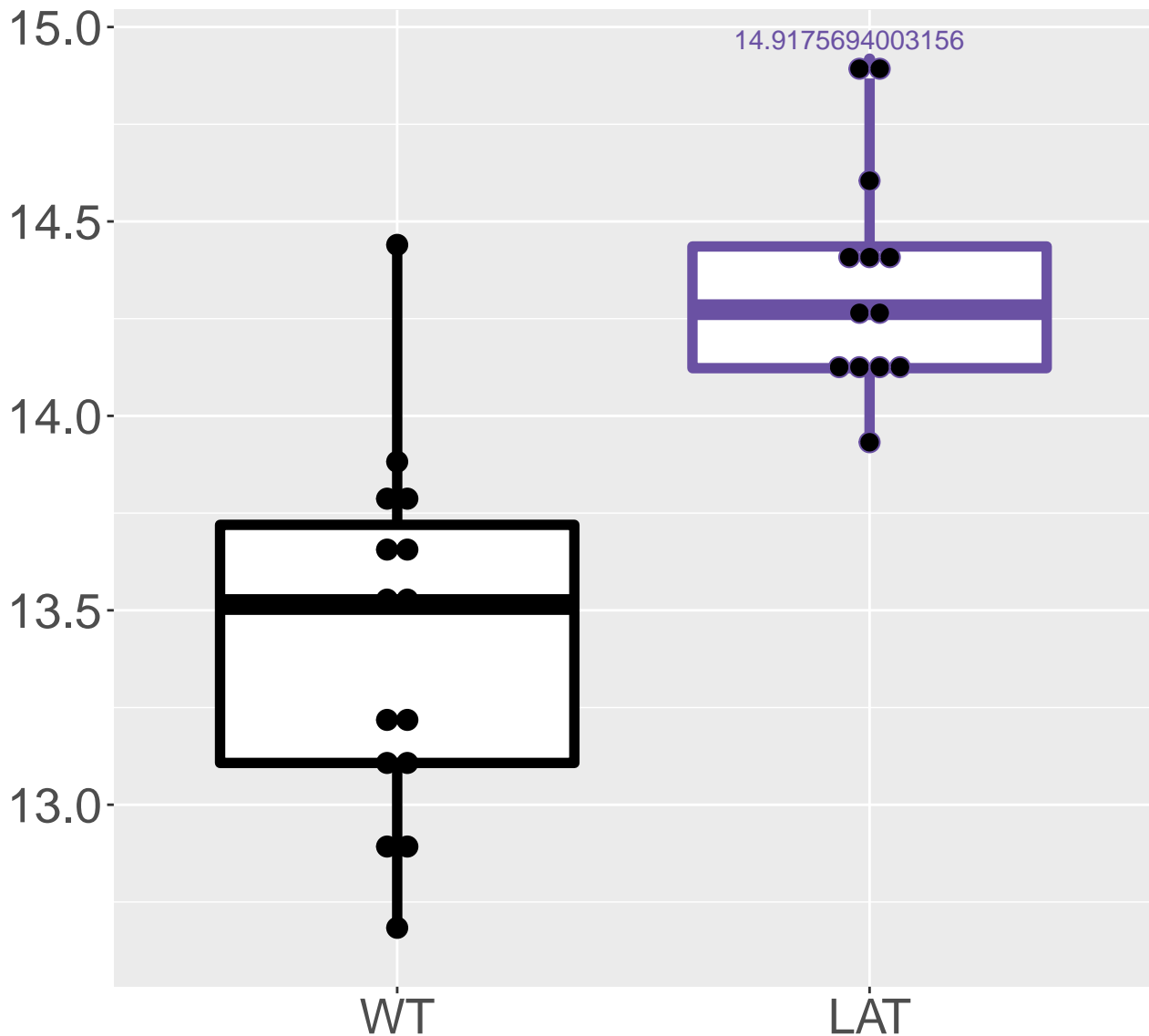
**M87.0089T179.61**

**FDR = 0.00017, FC = 0.55, sex\***



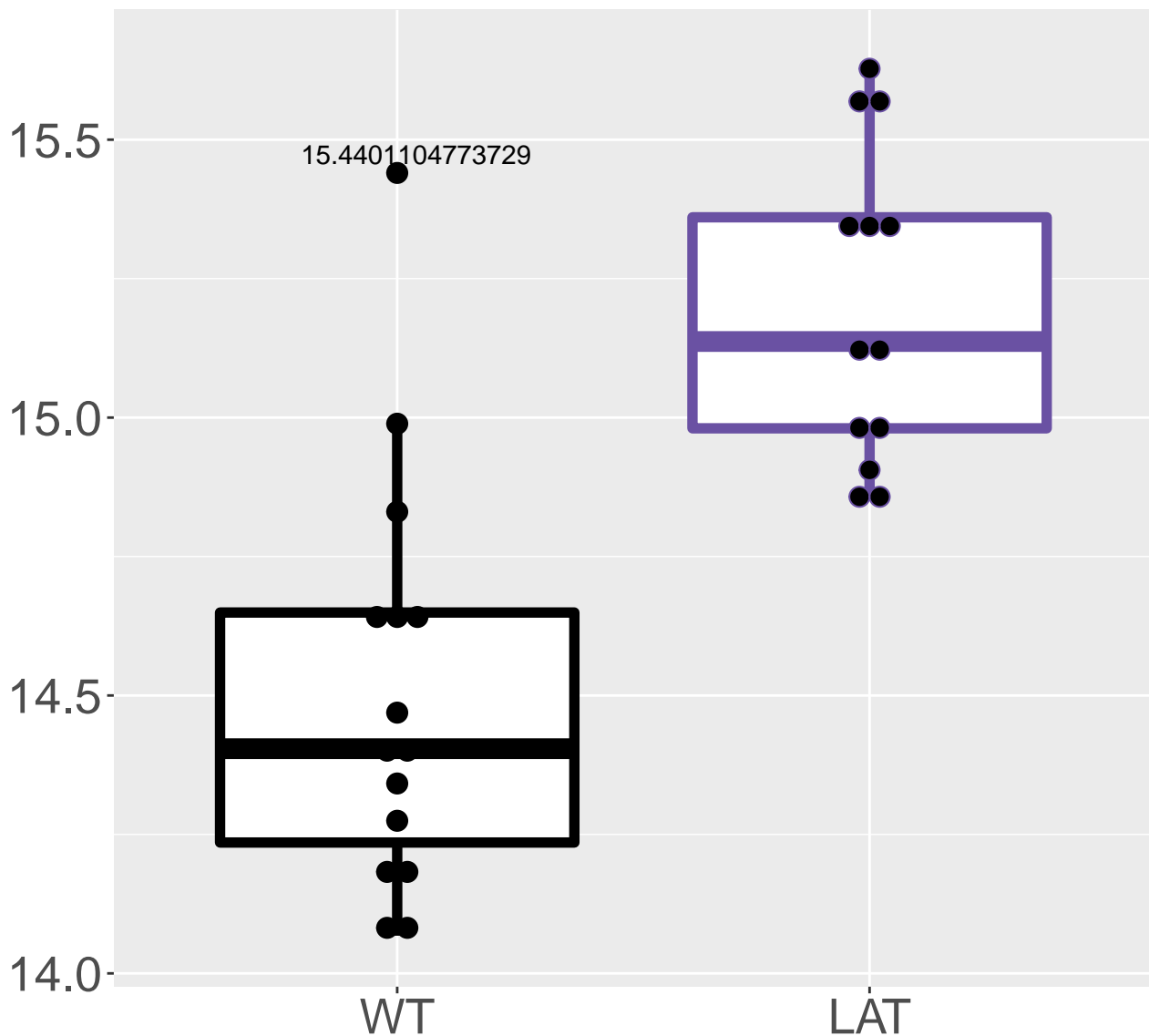
**M216.0517T510.91**

**FDR = 0.00033, FC = 0.93**



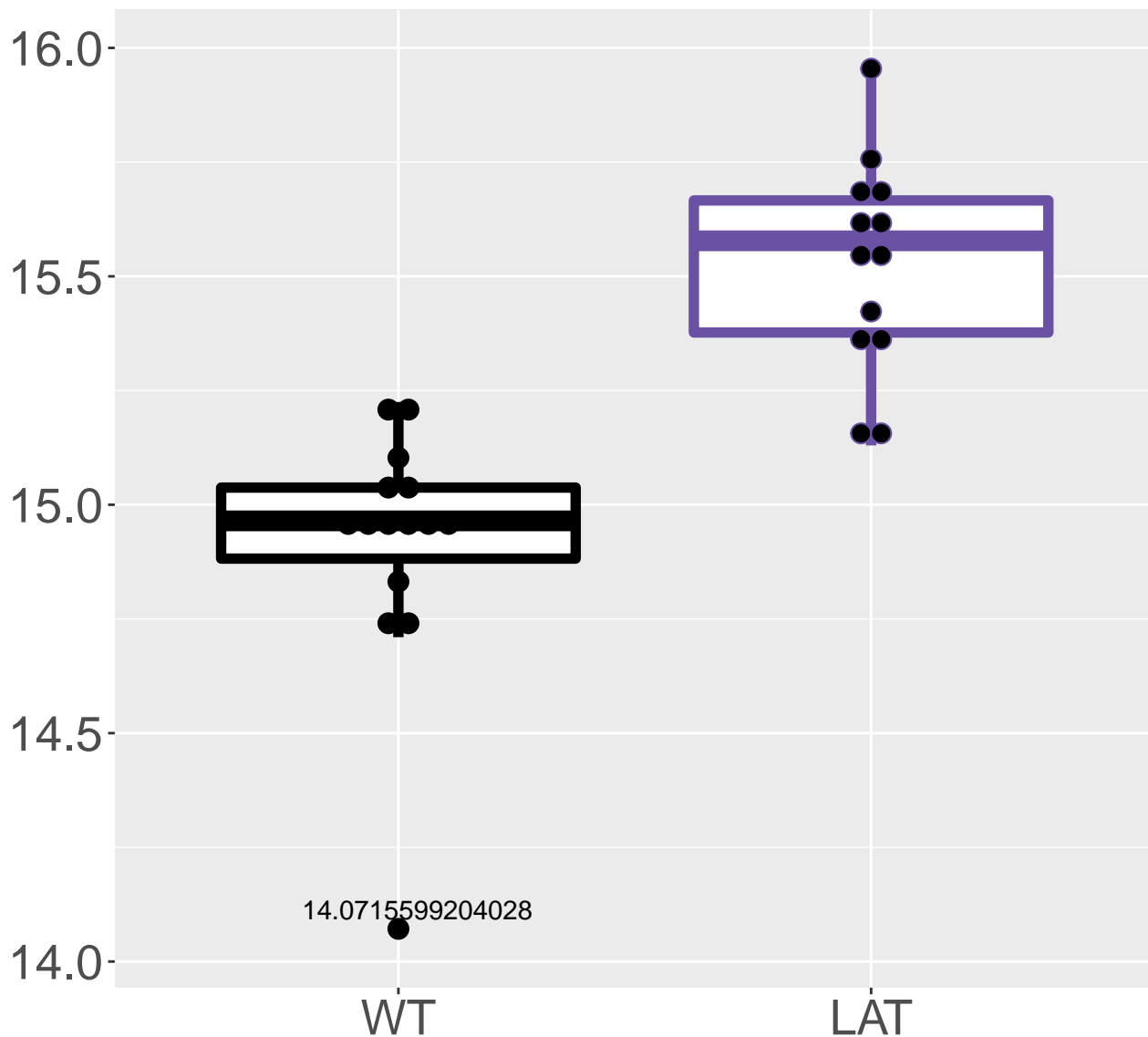
**M95.0252T135.74**

**FDR = 0.00033, FC = 0.7**

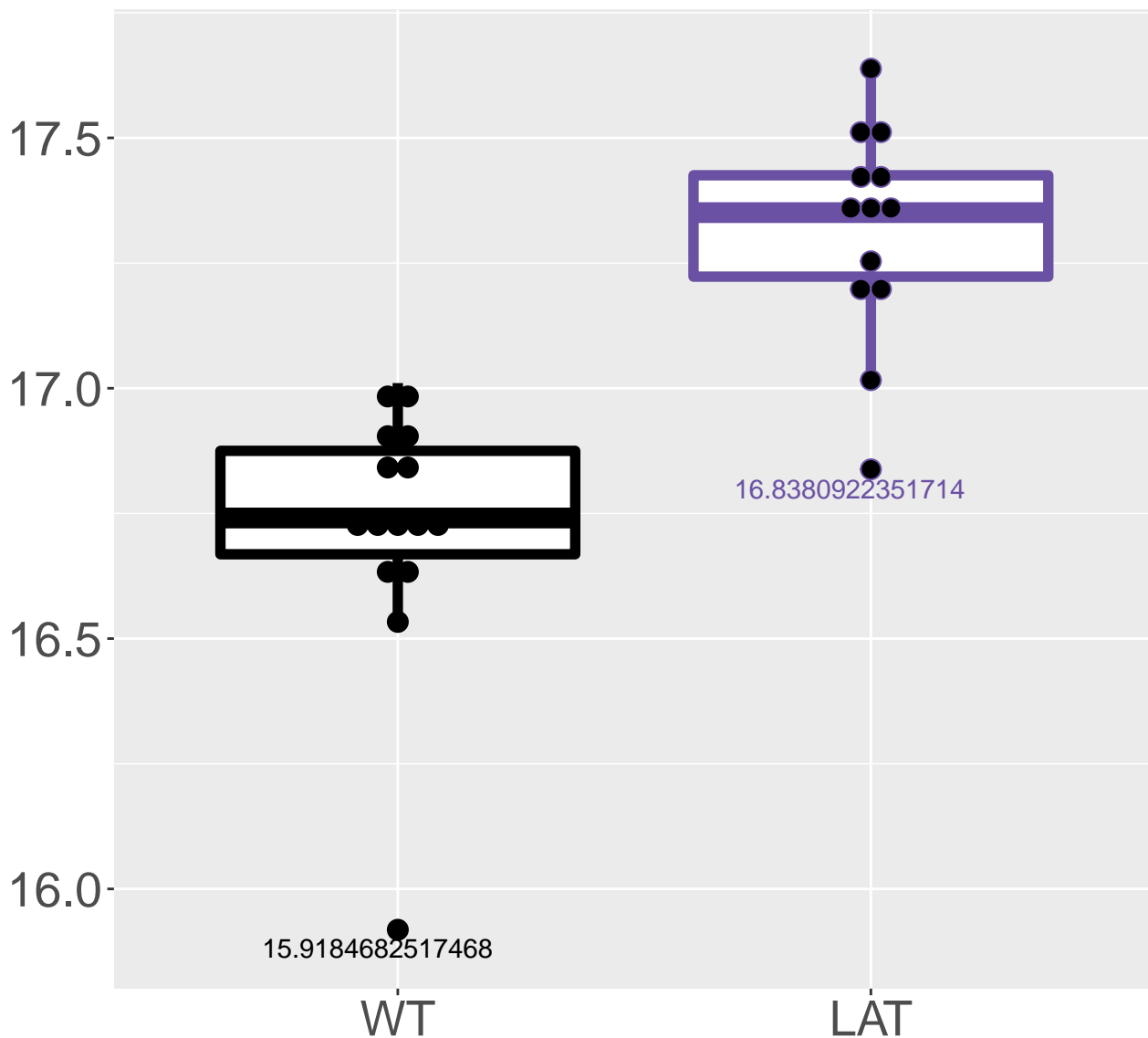


**M84.0218T610.39**

**FDR = 0.00033, FC = 0.61**

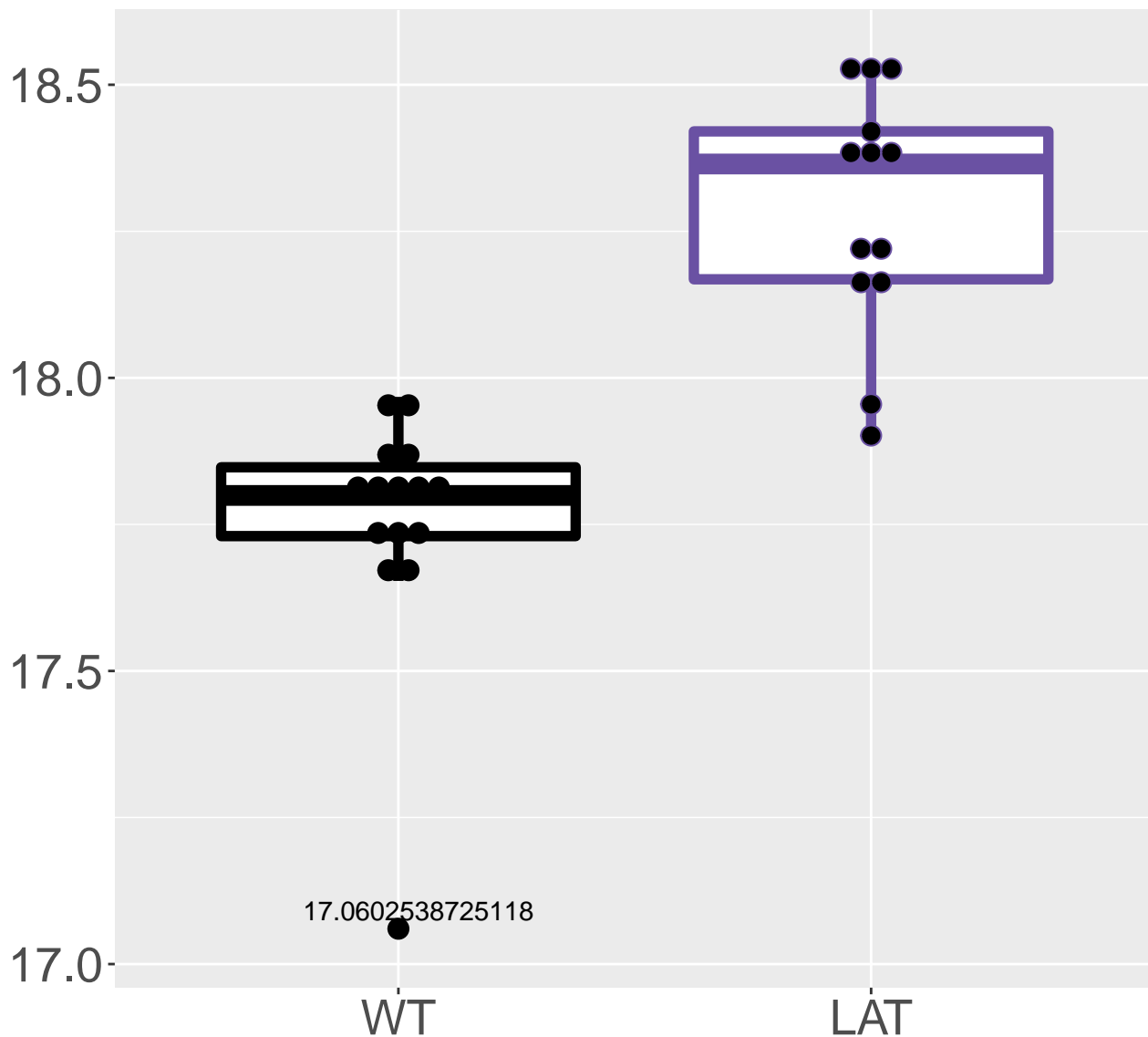


**FDR = 0.00033, FC = 0.59**



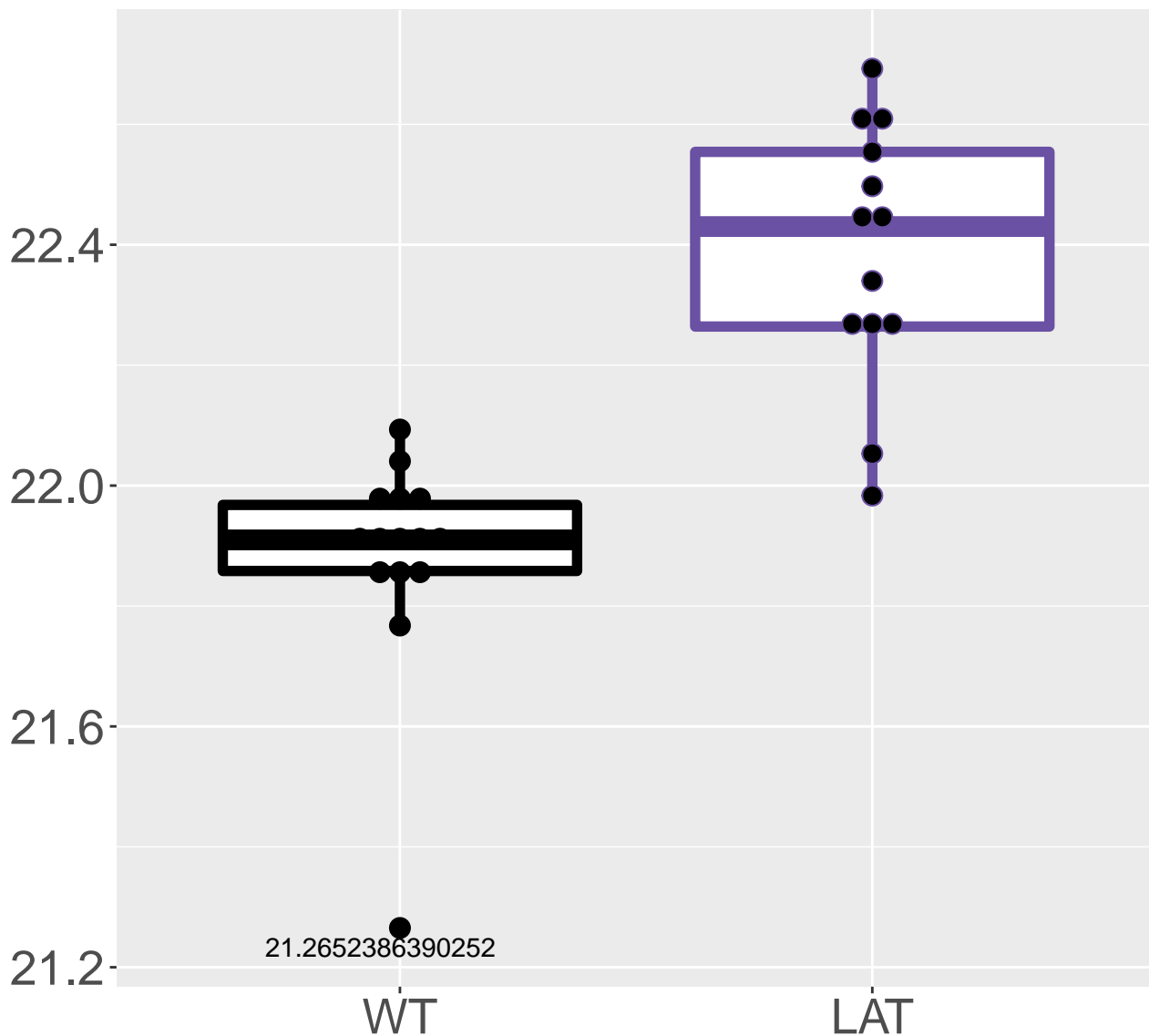


**M95.5081T610.34\_1**  
**FDR = 0.00033, FC = 0.53**

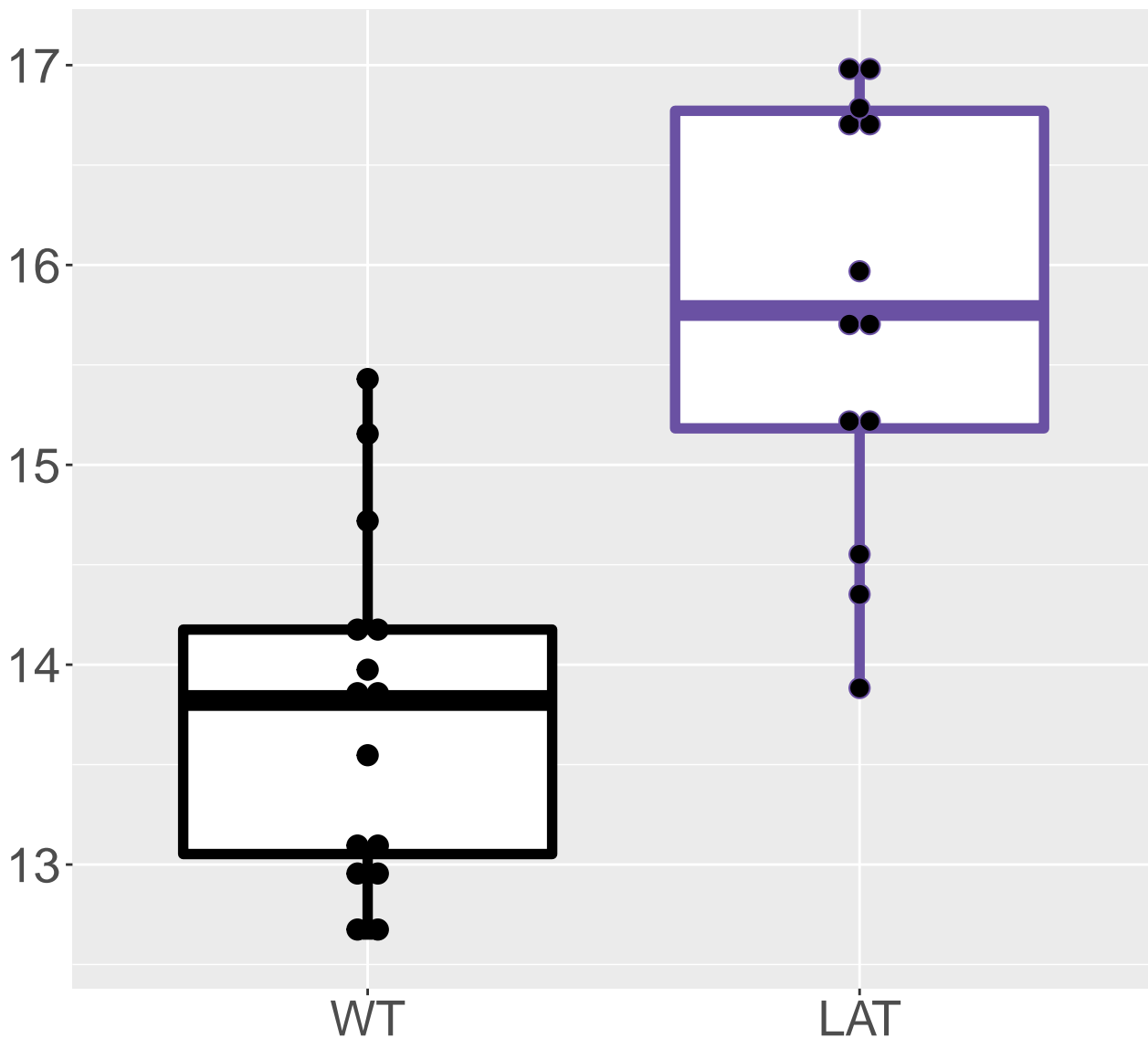


**M95.0064T610.19**

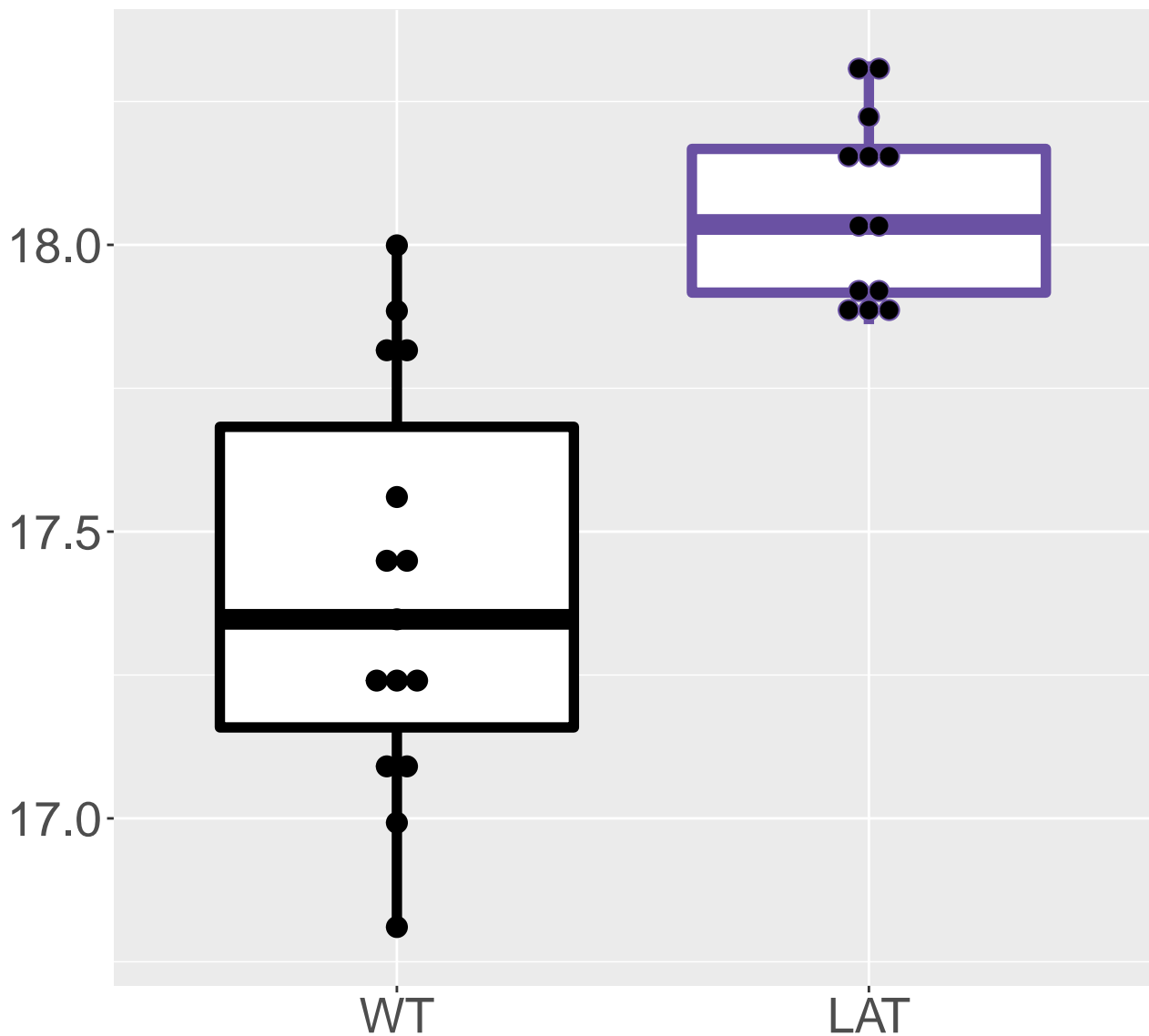
**FDR = 0.00035, FC = 0.51**



**M414.1528T339.73**  
**FDR = 0.00047, FC = 2**

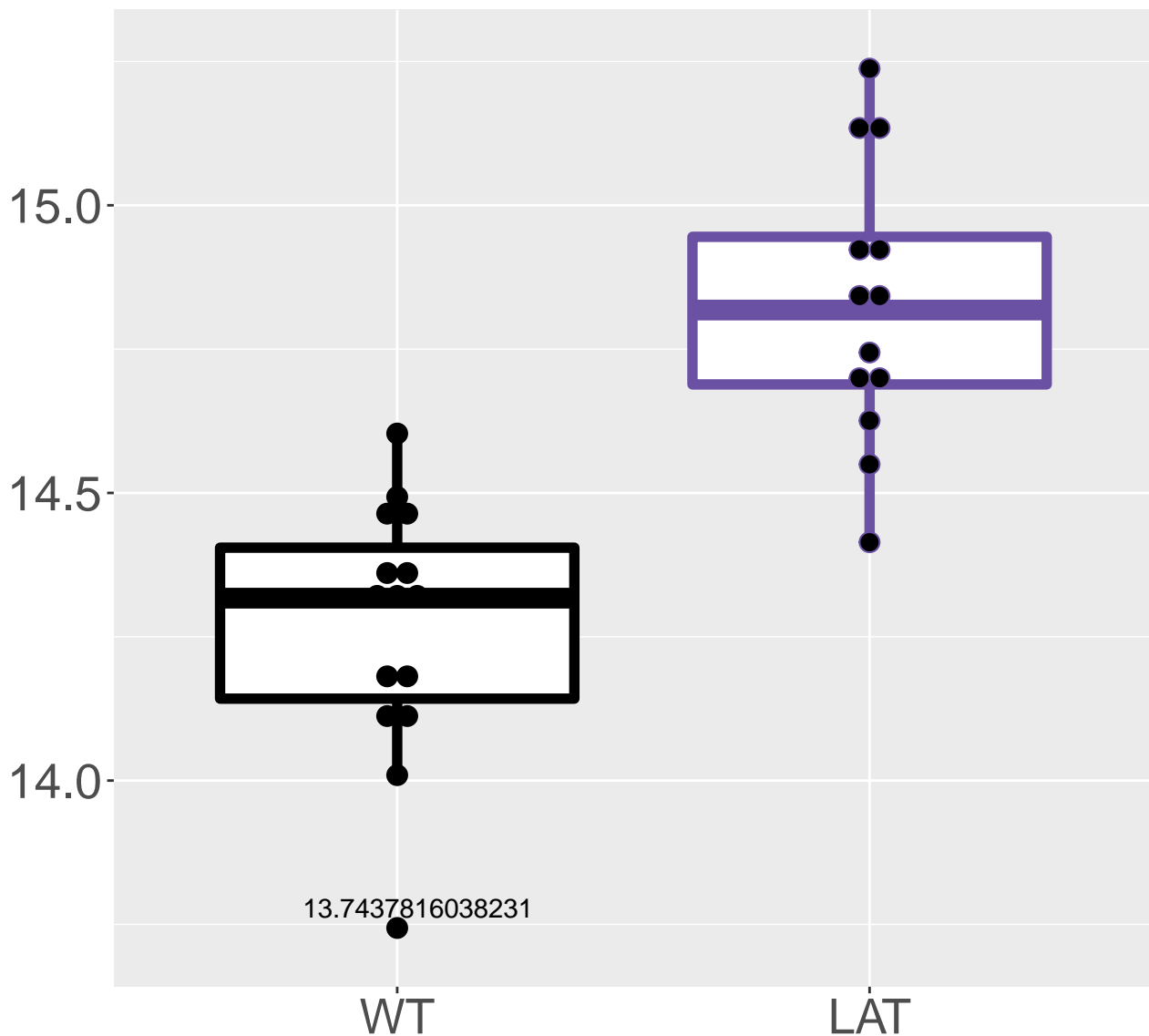


**Monomethyl glutaric acid;5-Methoxy-5-oxop**  
**FDR = 0.00047, FC = 0.67**



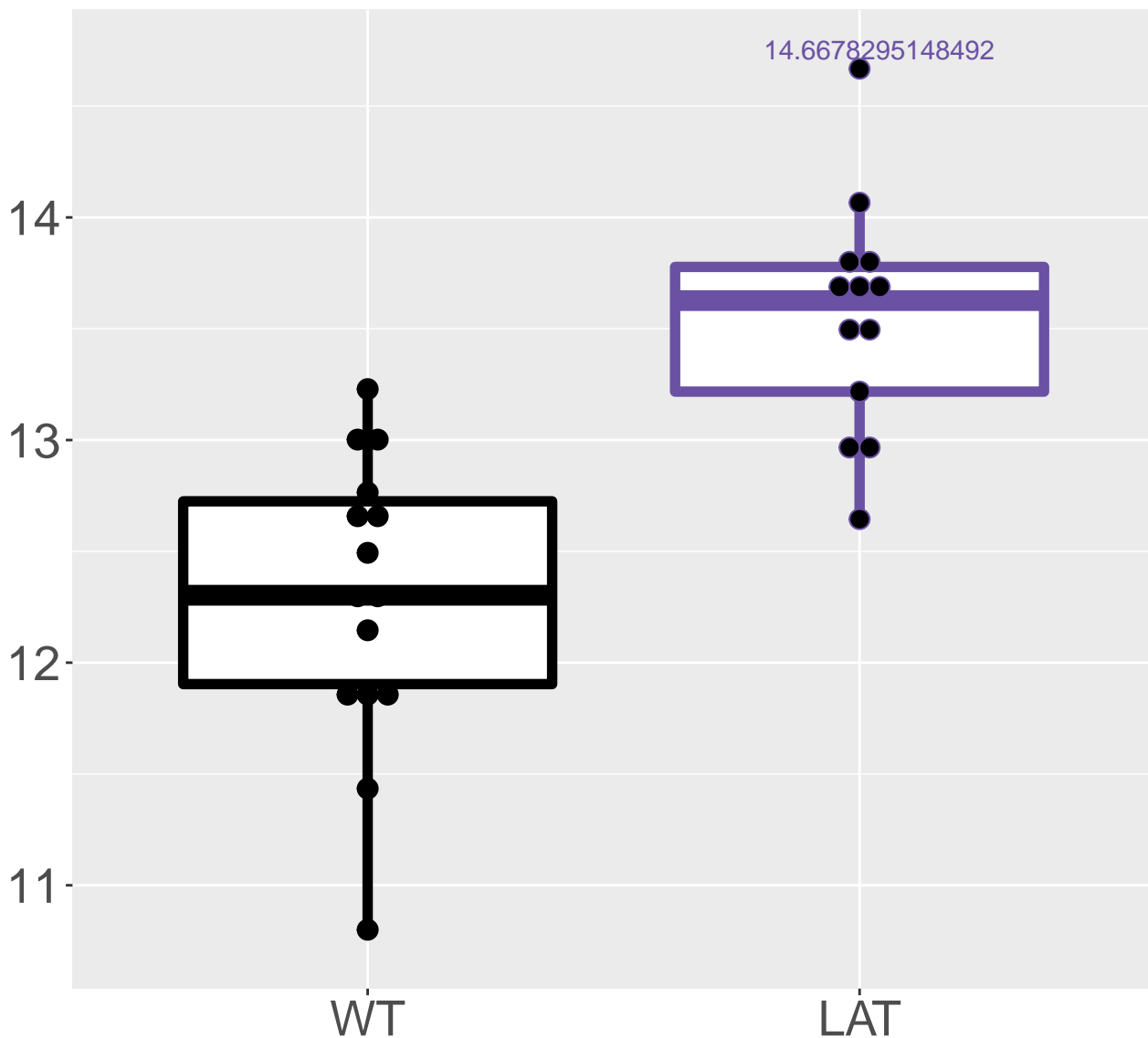
**M432.8167T1019.38**

**FDR = 0.00047, FC = 0.56**



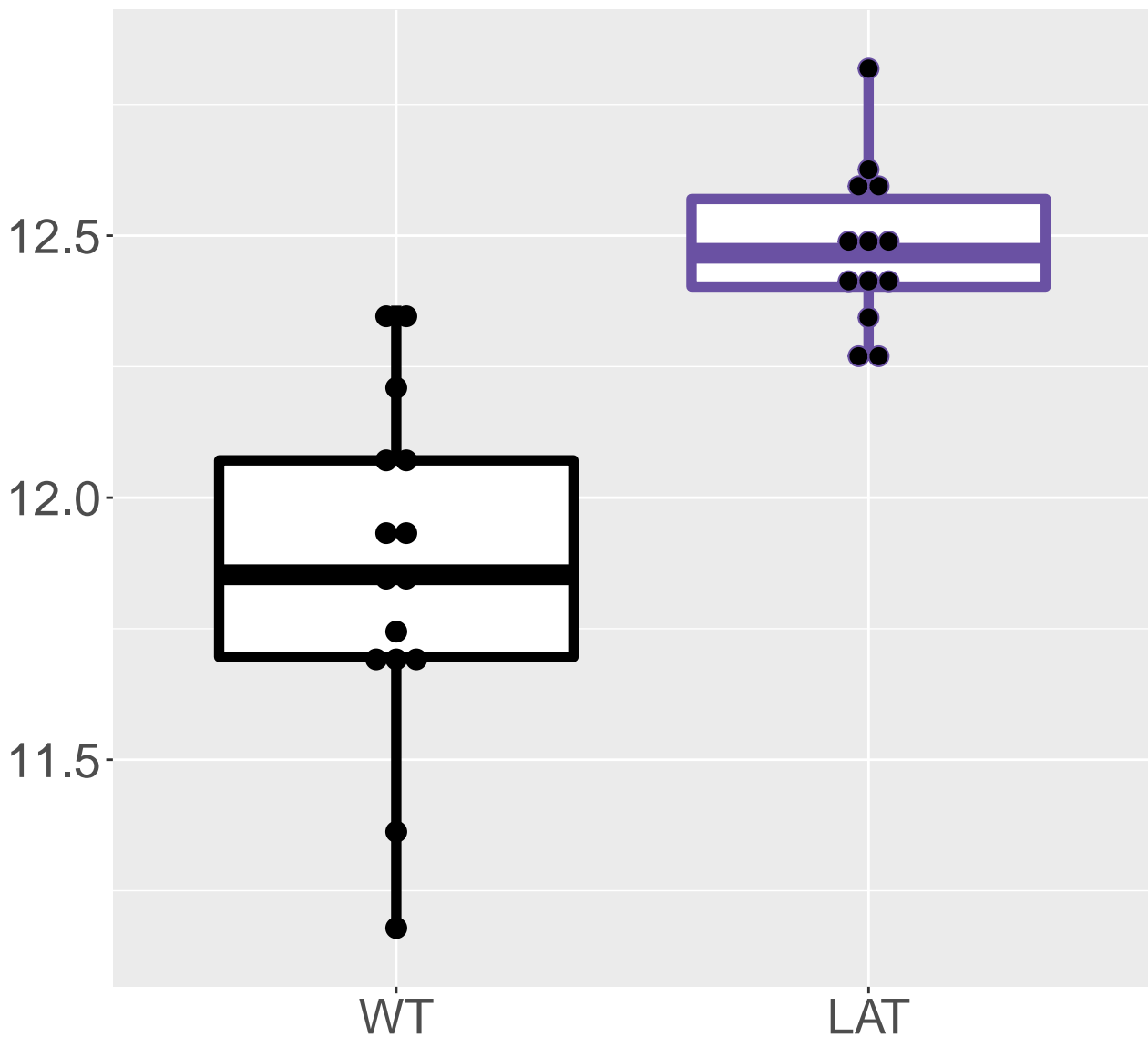
**M366.0506T524.43**

**FDR = 0.00059, FC = 1.3**



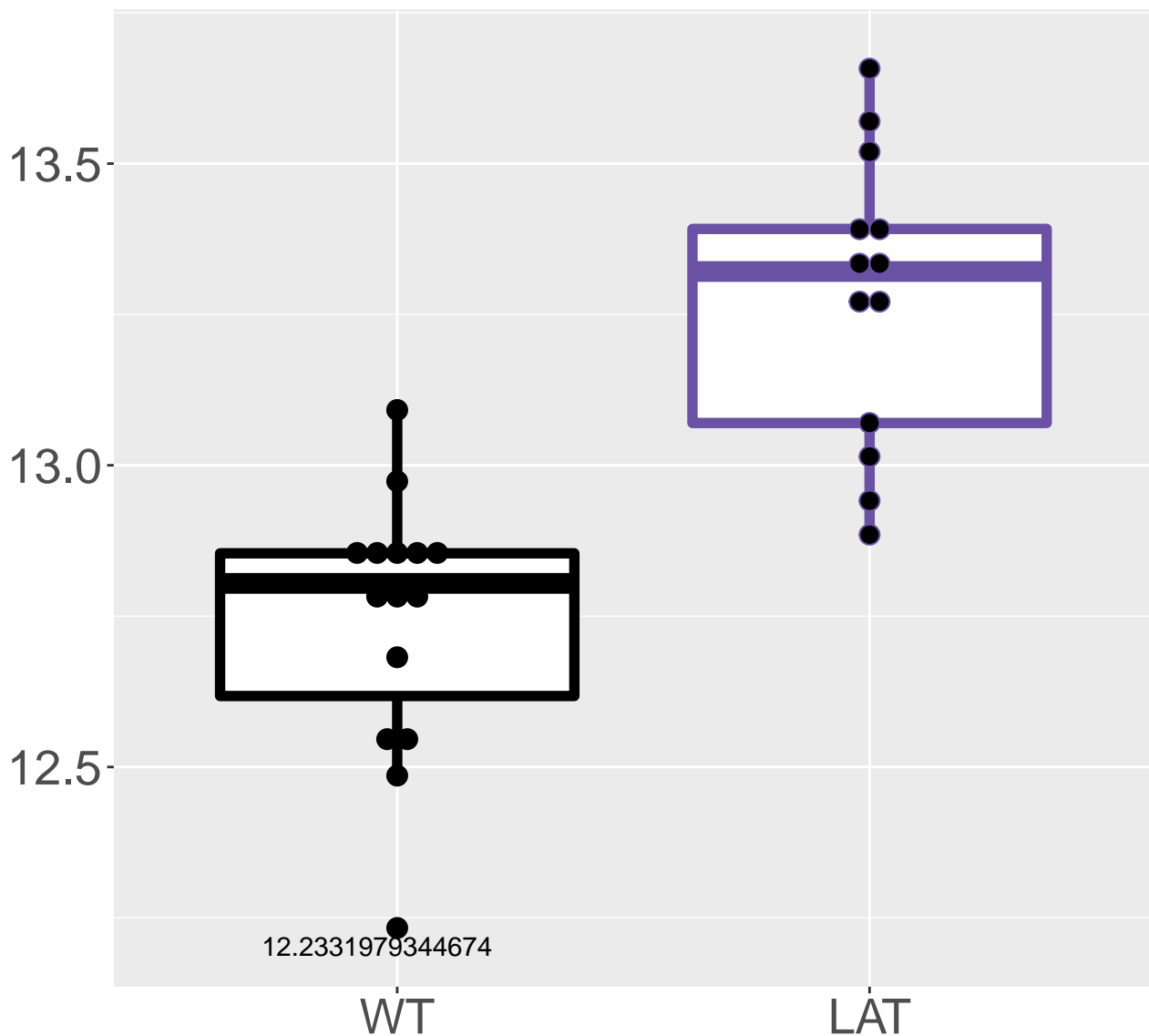
**M526.7649T1023.38**

**FDR = 0.00059, FC = 0.62**



**M564.7209T1025.11**

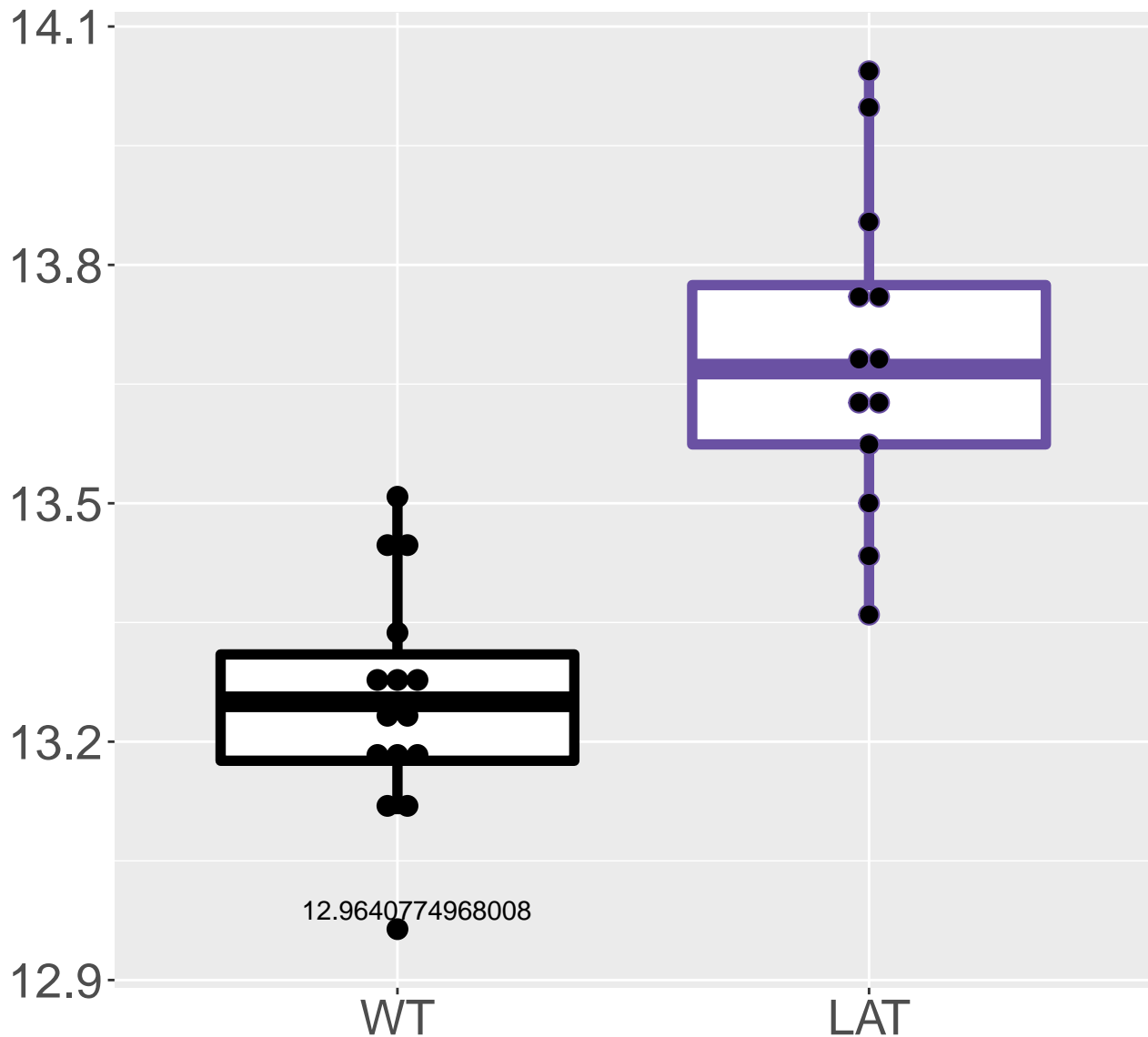
**FDR = 0.00059, FC = 0.53**





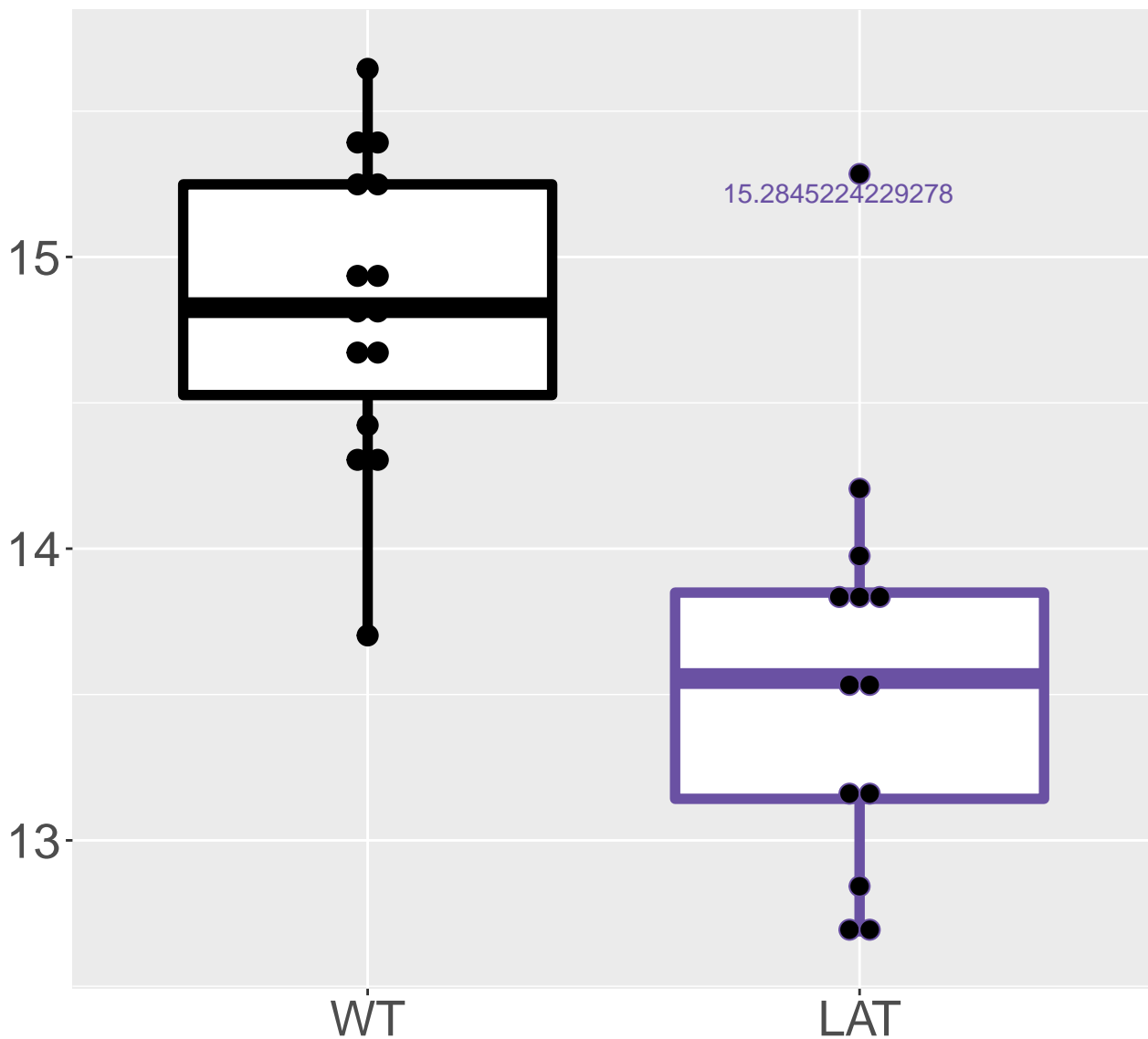
**M542.739T1027.2**

**FDR = 0.00059, FC = 0.43**



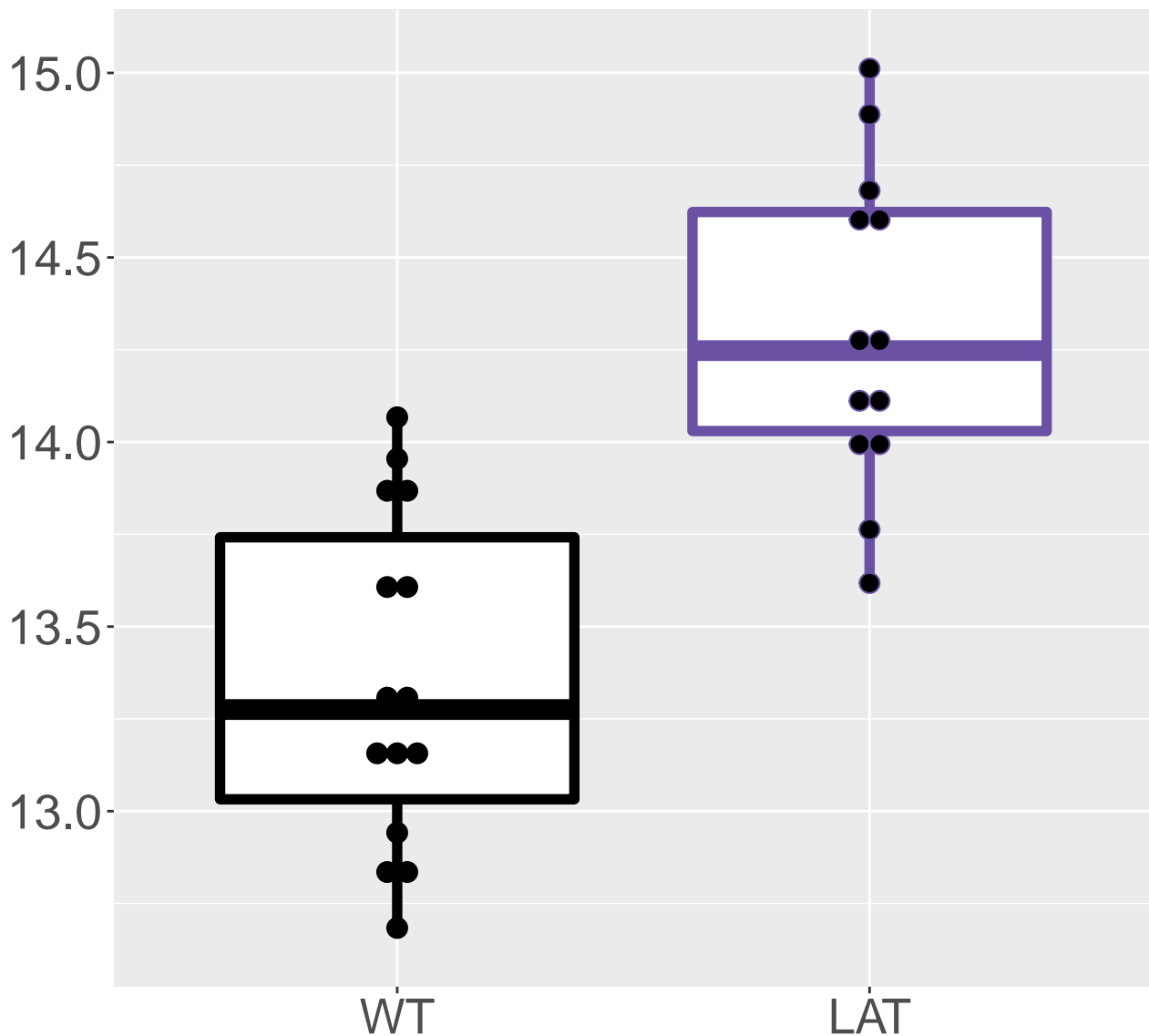
**M285.9725T352.3**

**FDR = 0.00077, FC = -1.2**

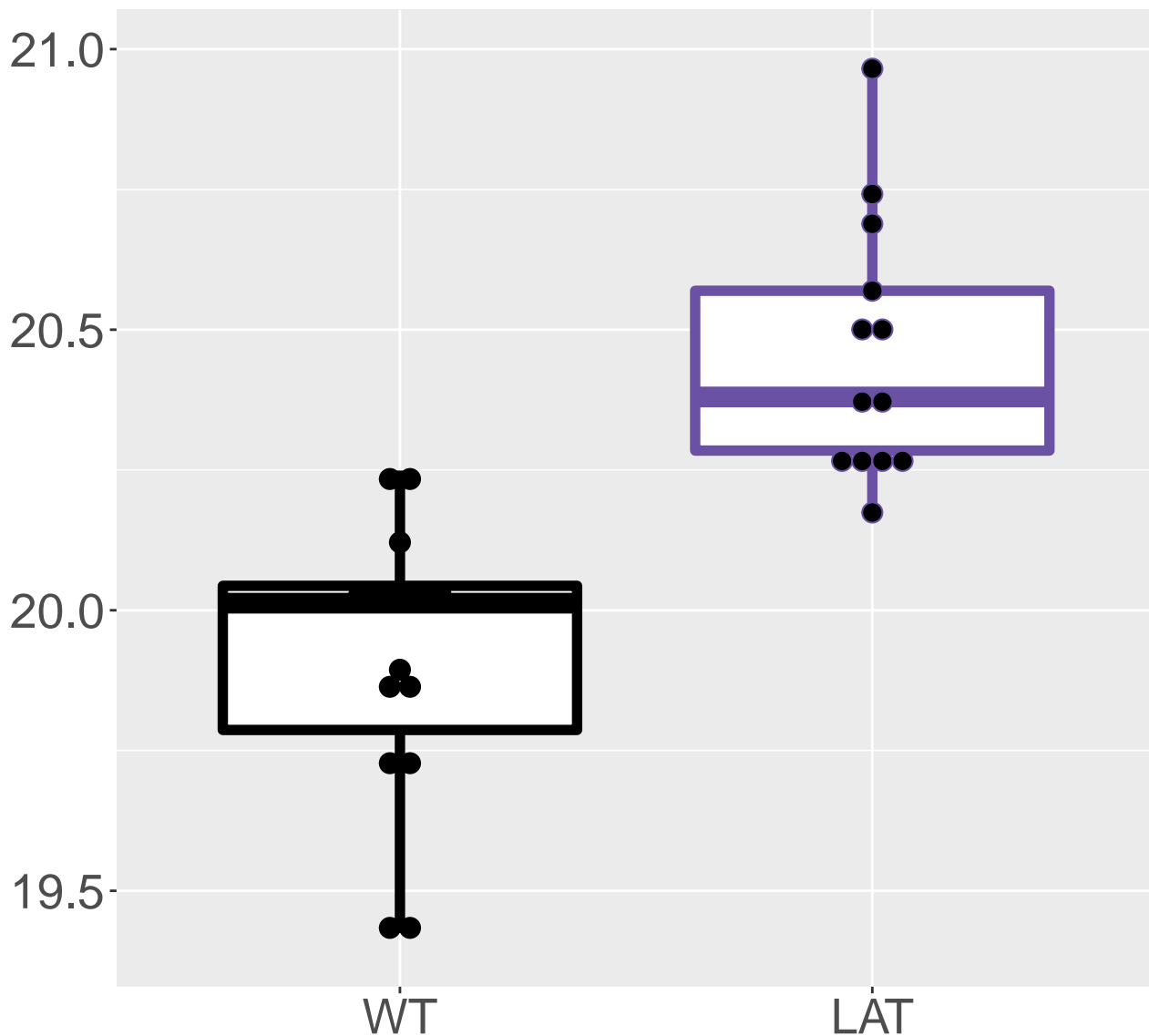


**M386.4163T993.31**

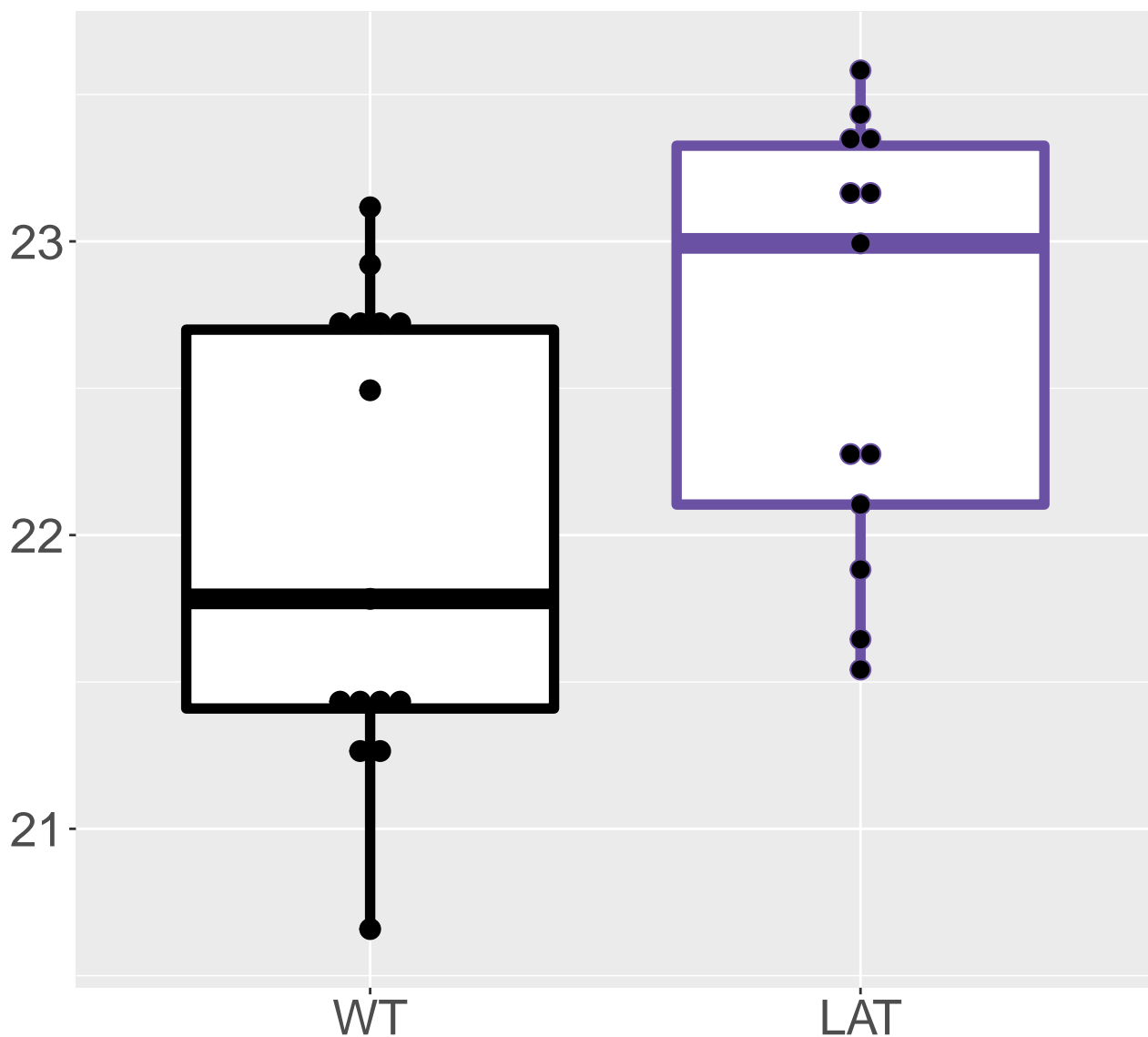
**FDR = 0.00079, FC = 0.94**



**FDR = 0.00079, FC = 0.55**

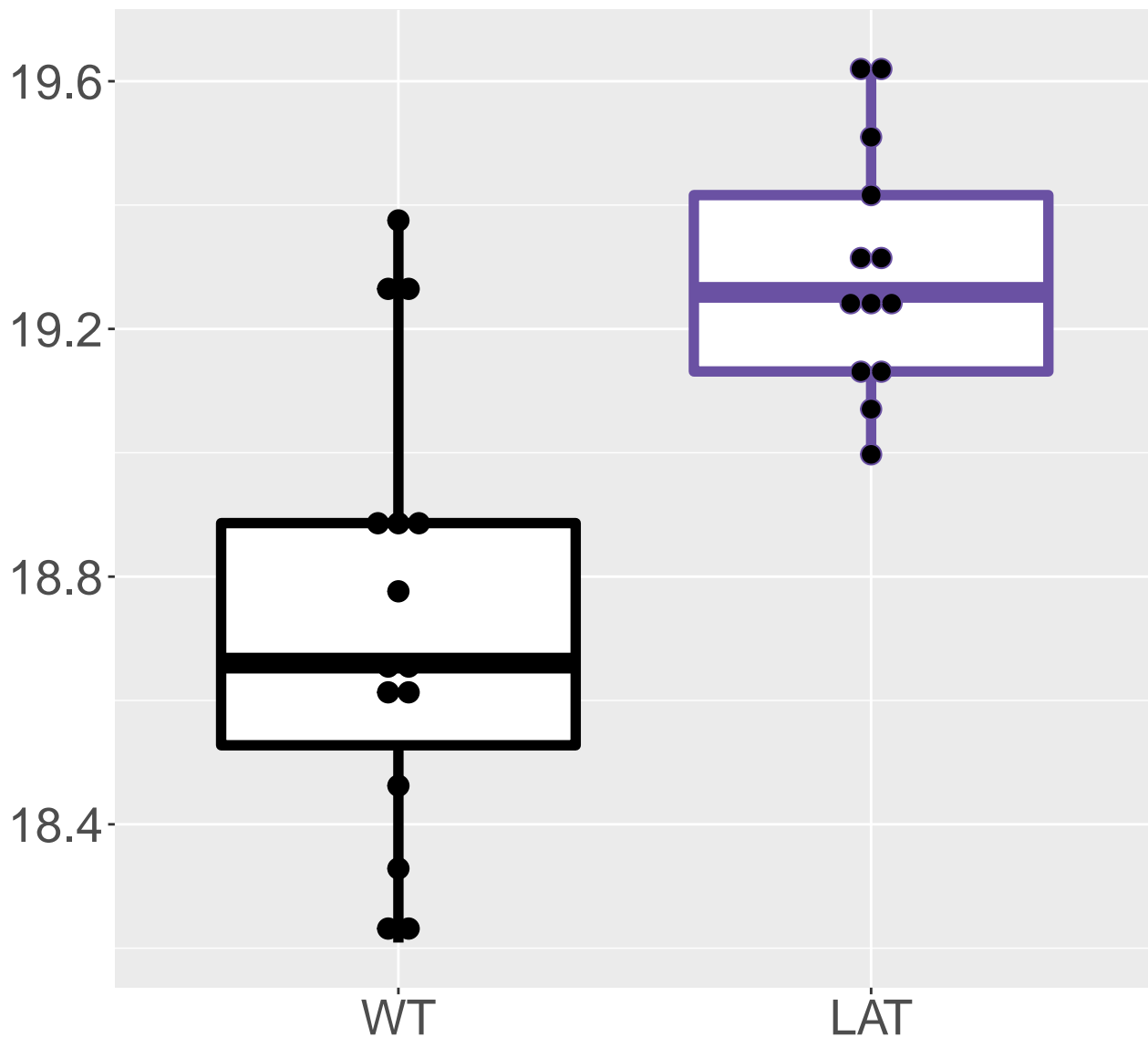


**$\hat{I}^2$ -Hydroxyisovaleric acid;3-Hydroxyisovaleric acid**  
**FDR = 9e-04, FC = 0.67, sex\*\*\***

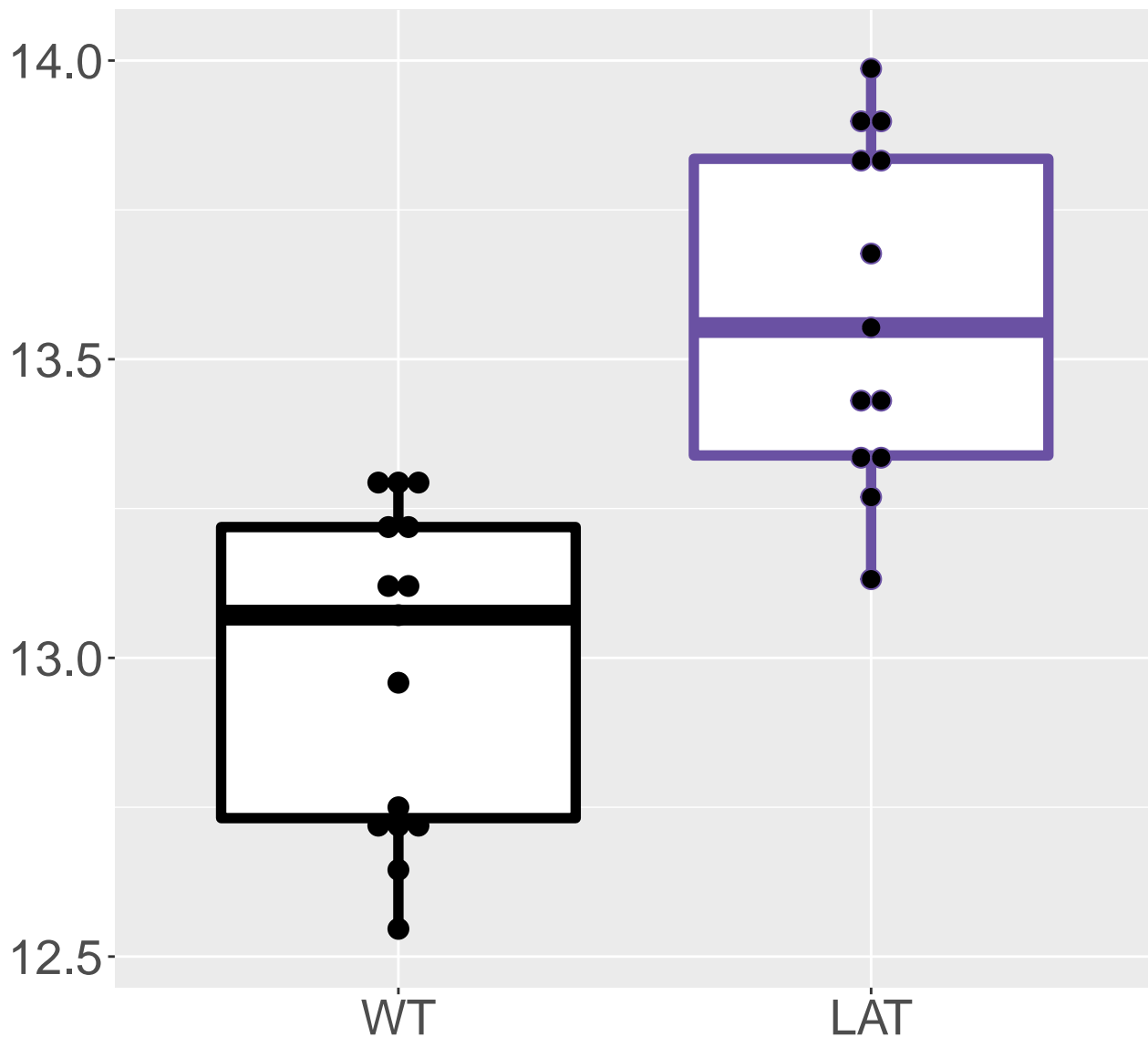


**M86.0249T189.46**

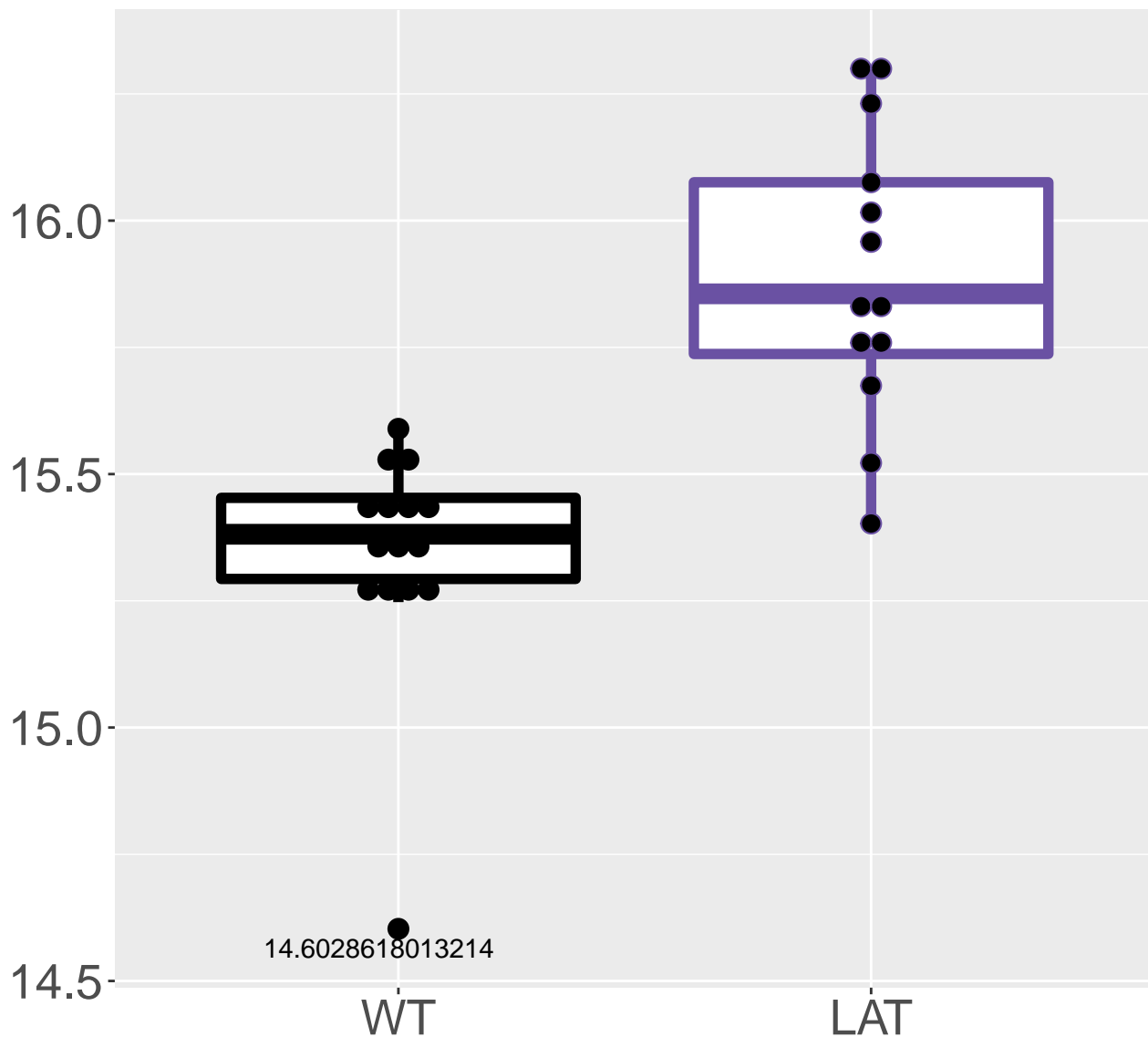
**FDR =  $9e-04$ , FC = 0.56, sex\*\***



**M456.8353T1015.52\_1**  
**FDR = 9e-04, FC = 0.61**



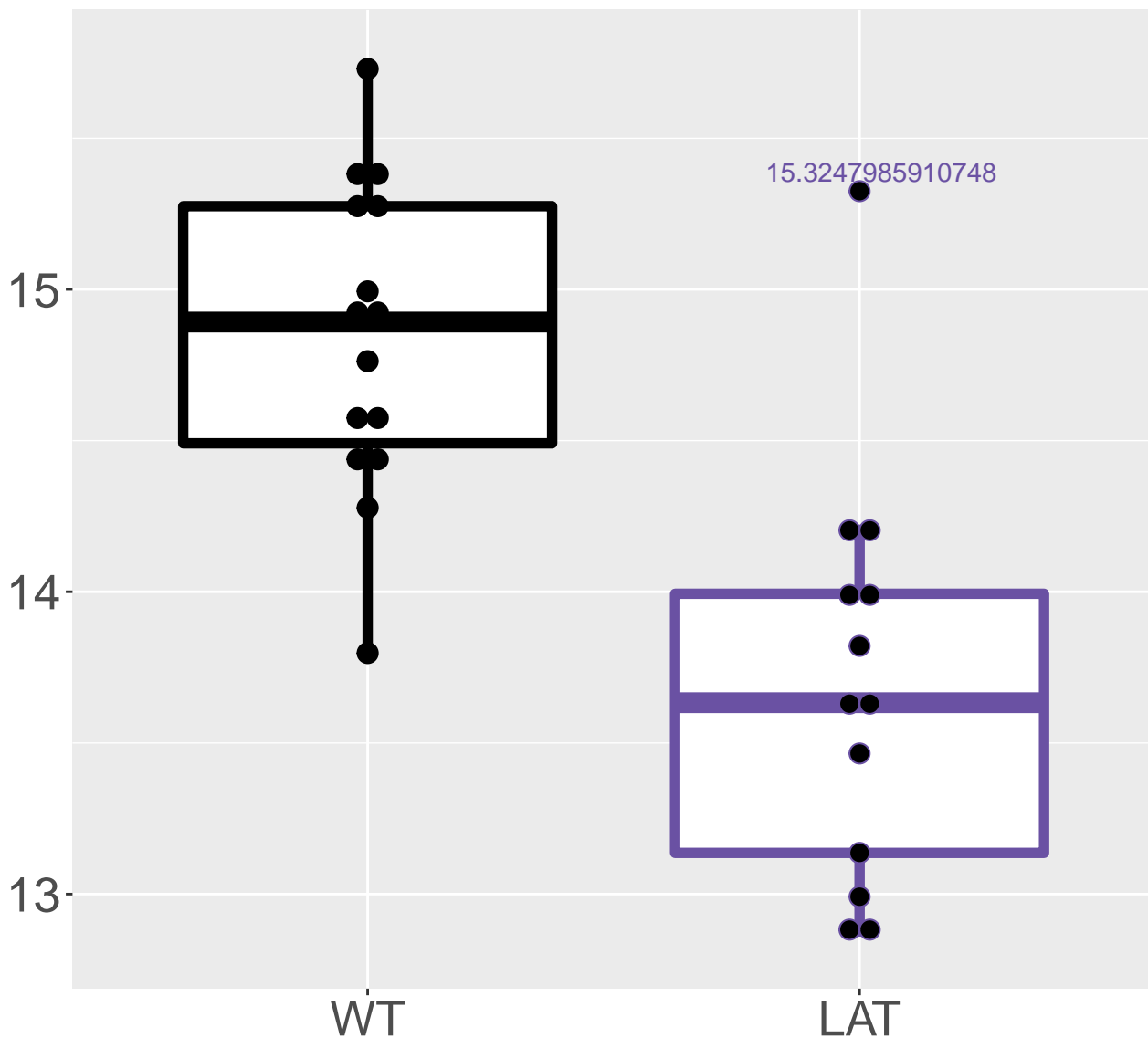
**M96.0085T610.17\_2**  
**FDR = 0.00099, FC = 0.55**





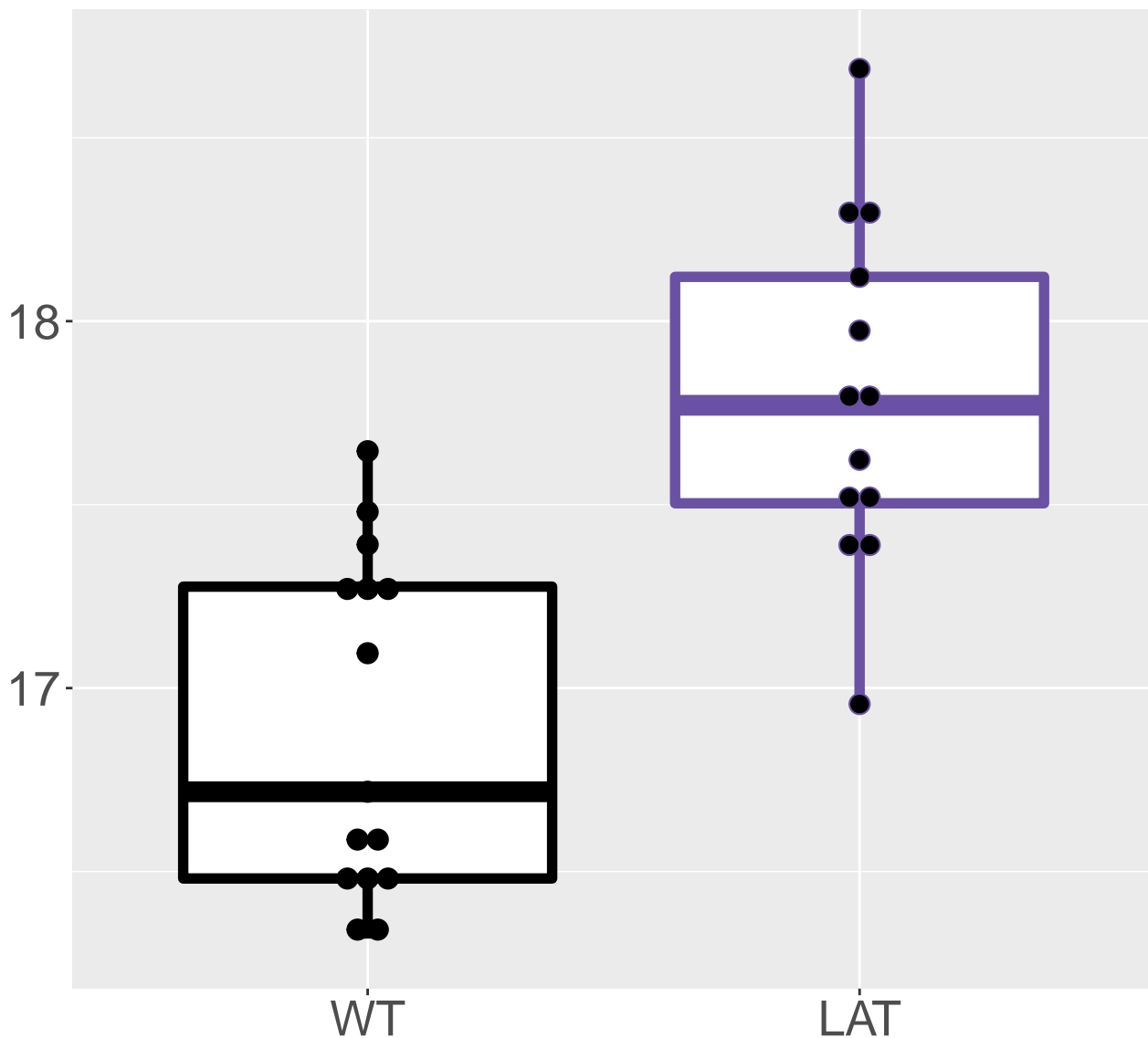
**M287.9707T352.57**

**FDR = 0.001, FC = -1.1**



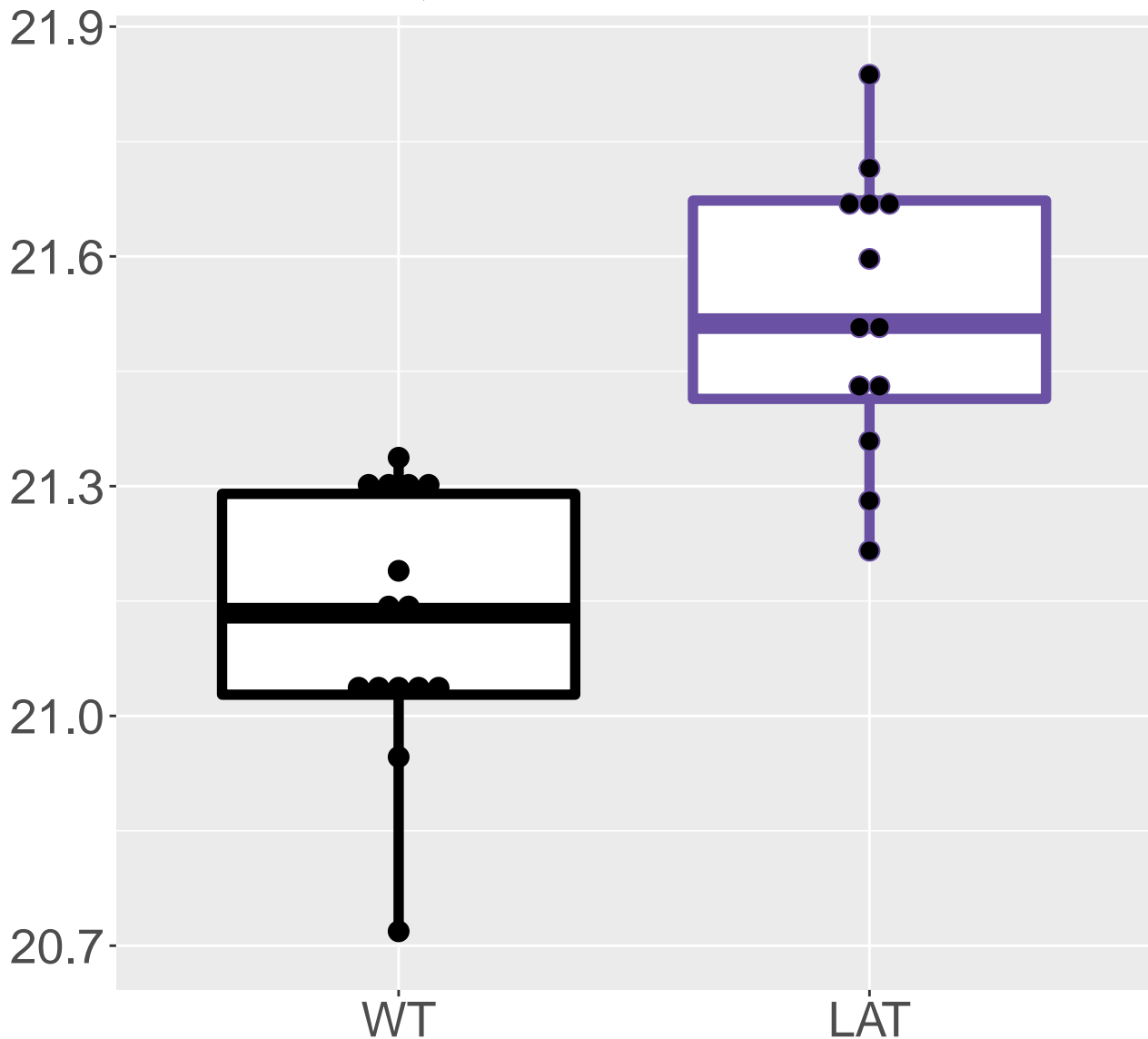
**M102.0198T313.32**

**FDR = 0.001, FC = 0.9**



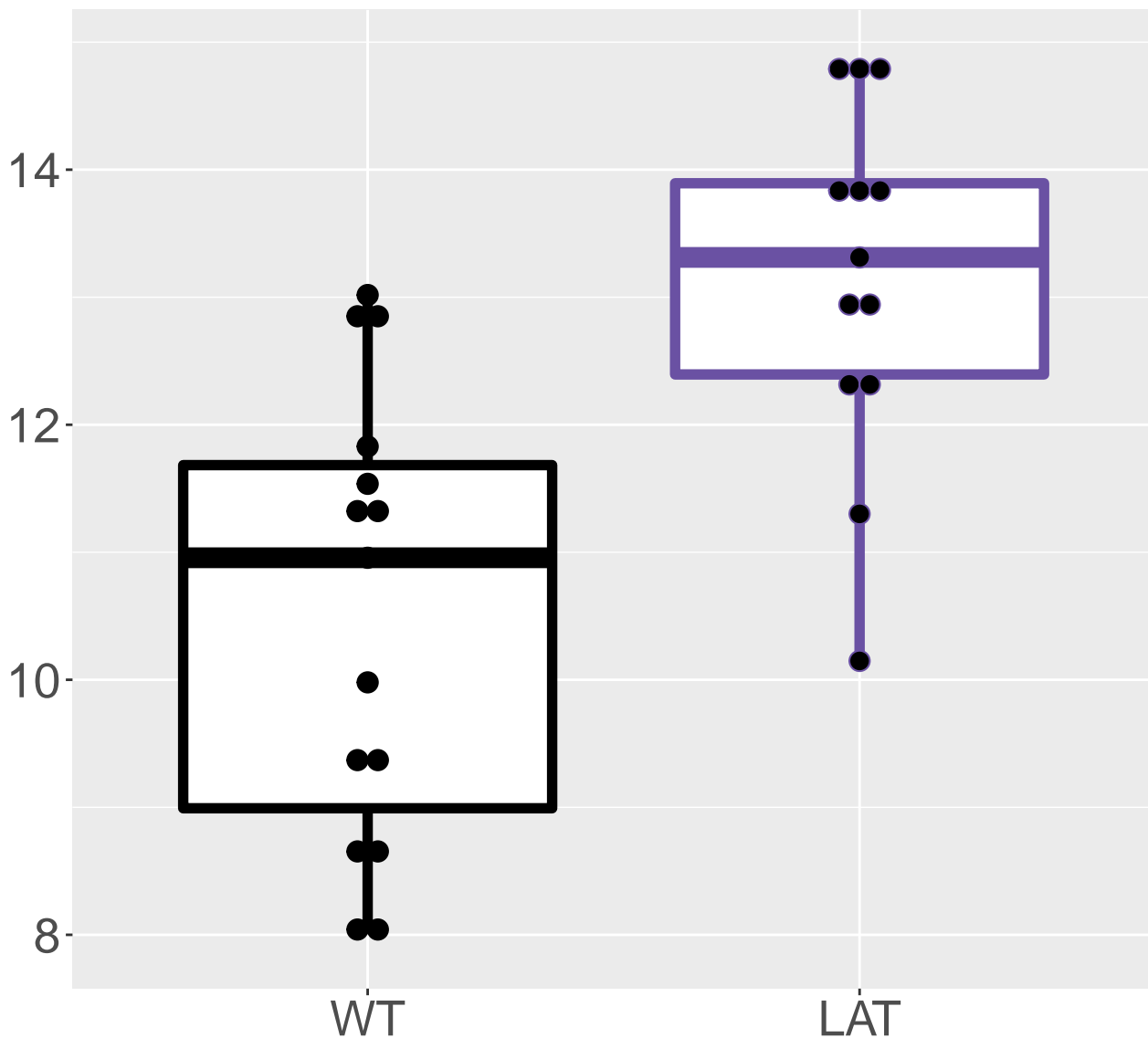
**M288.9877T608.82**

**FDR = 0.0011, FC = 0.41**



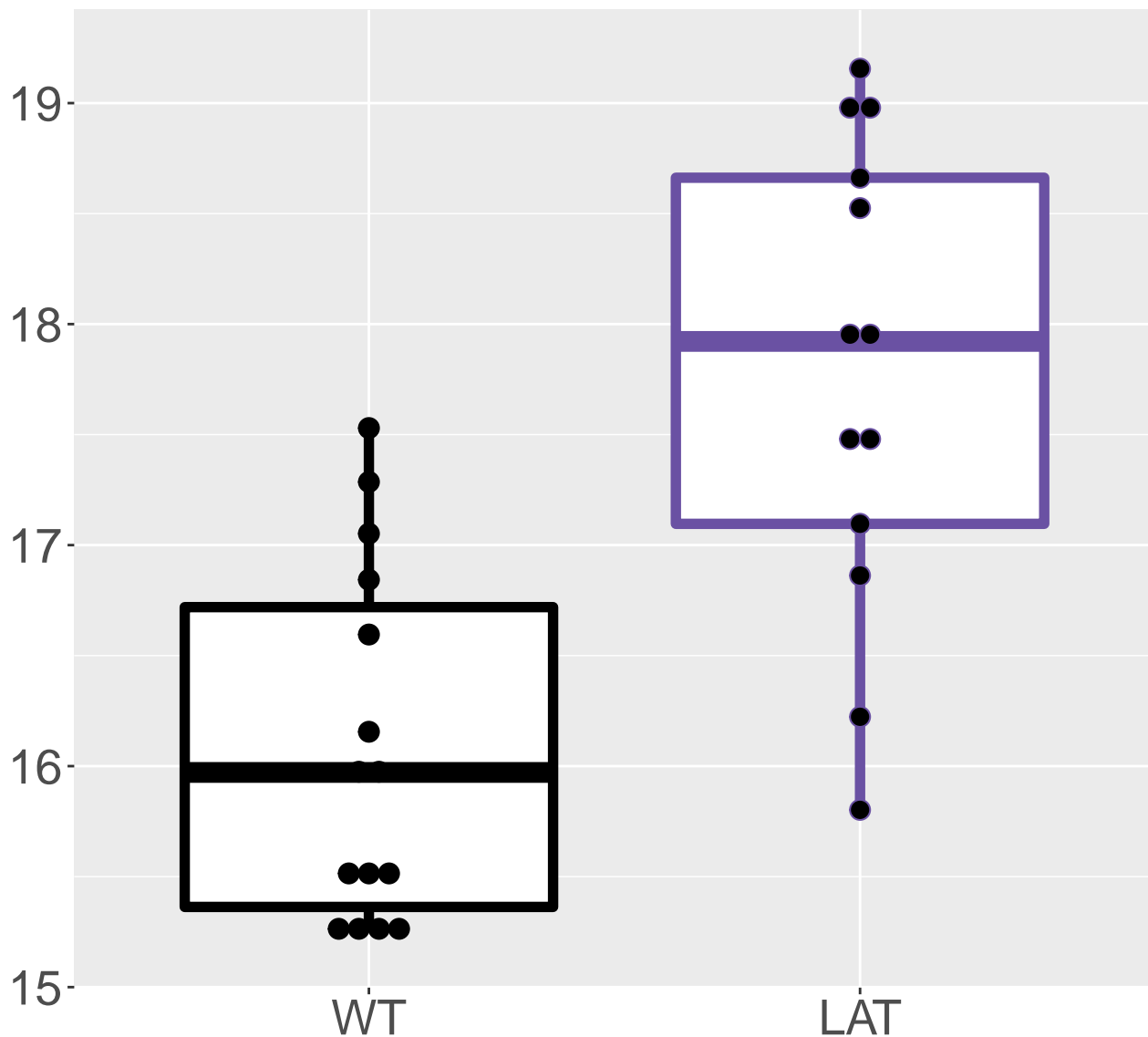
**M380.1318T340.28**

**FDR = 0.0011, FC = 2.7, sex\*\***



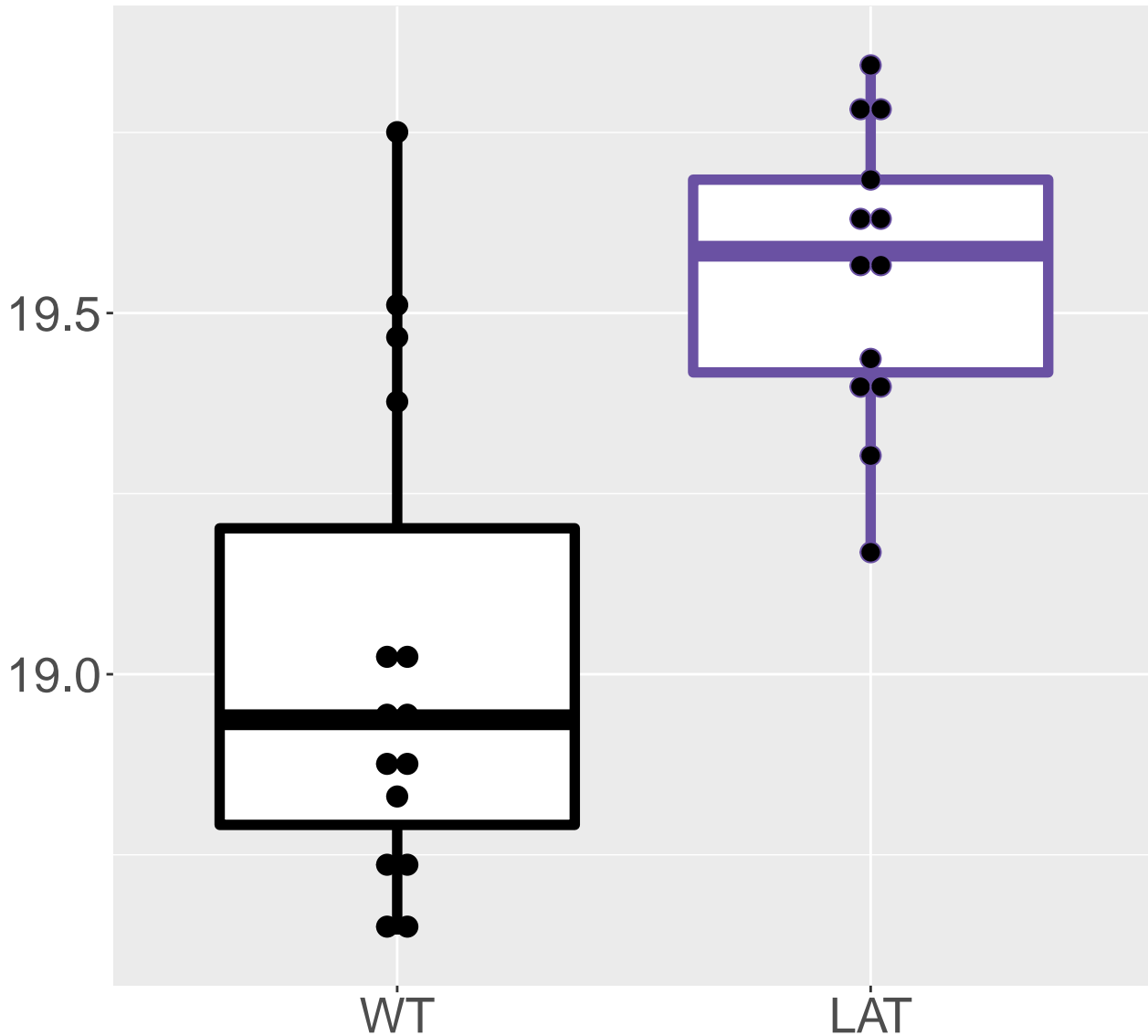
**M296.0741T340.79**

**FDR = 0.0011, FC = 1.7, sex\***



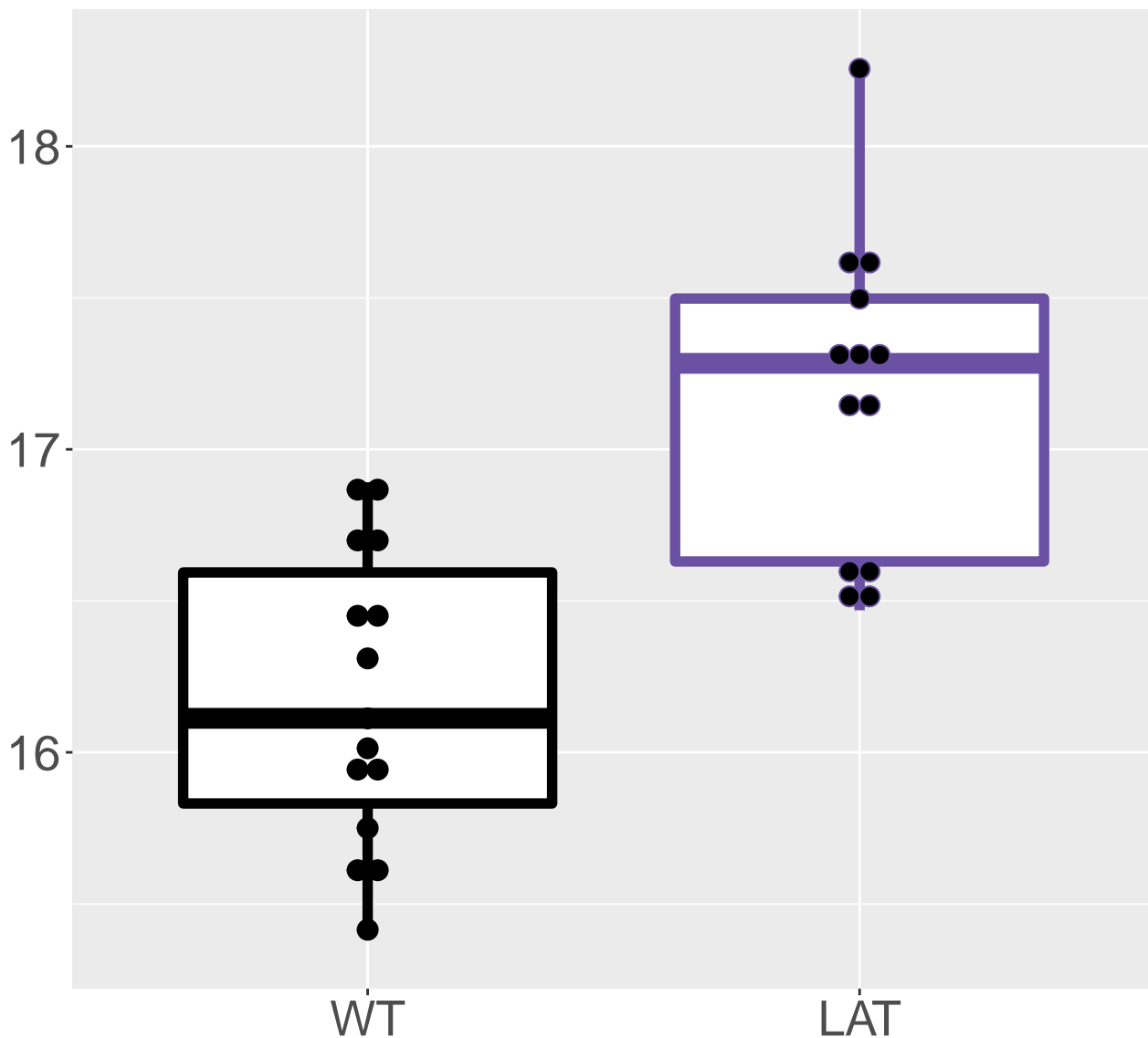
# 4-Hydroxybenzaldehyde|Benzoic acid

FDR = 0.0011, FC = 0.53

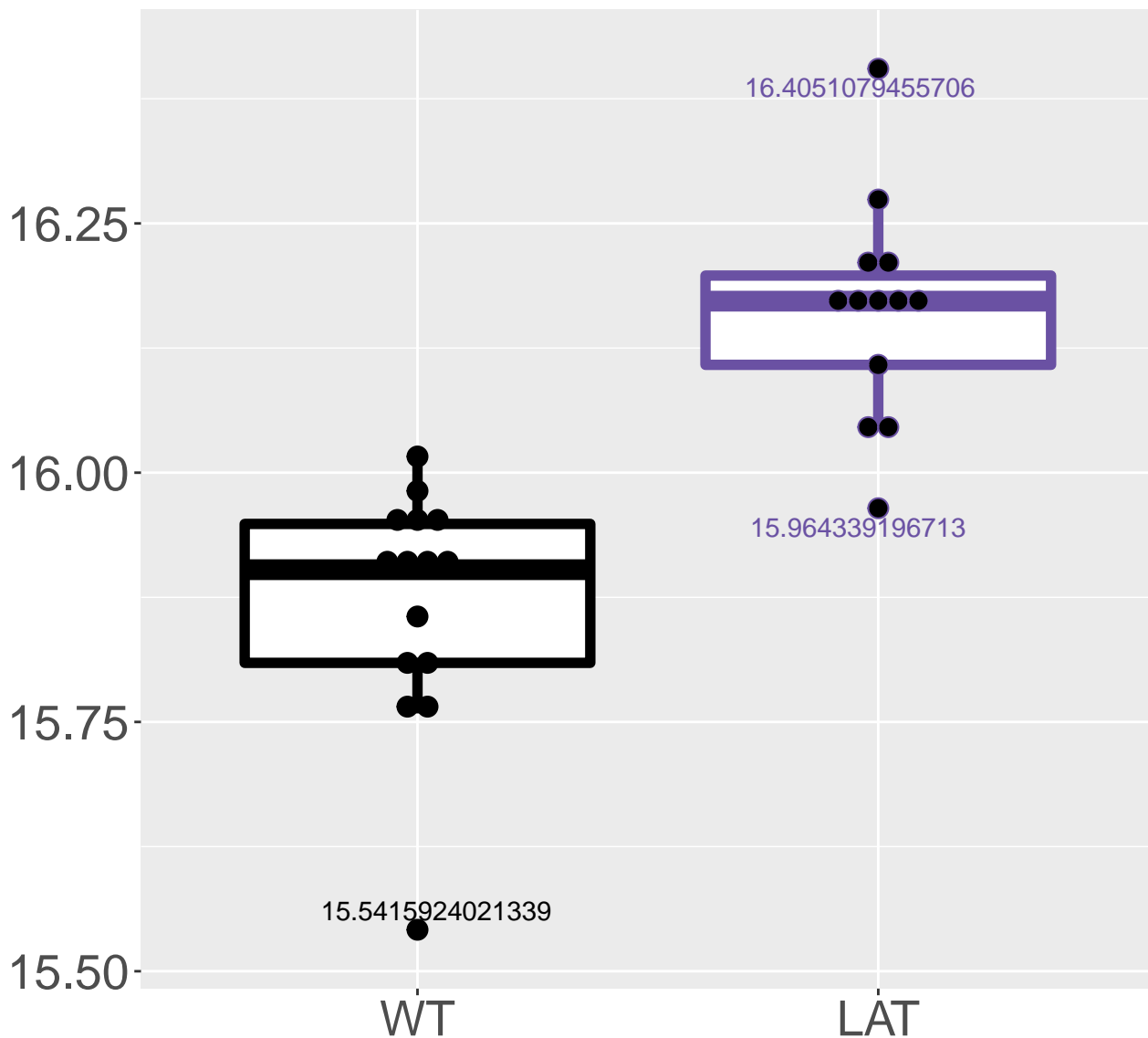


**M263.0348T298.97**

**FDR = 0.0012, FC = 1**



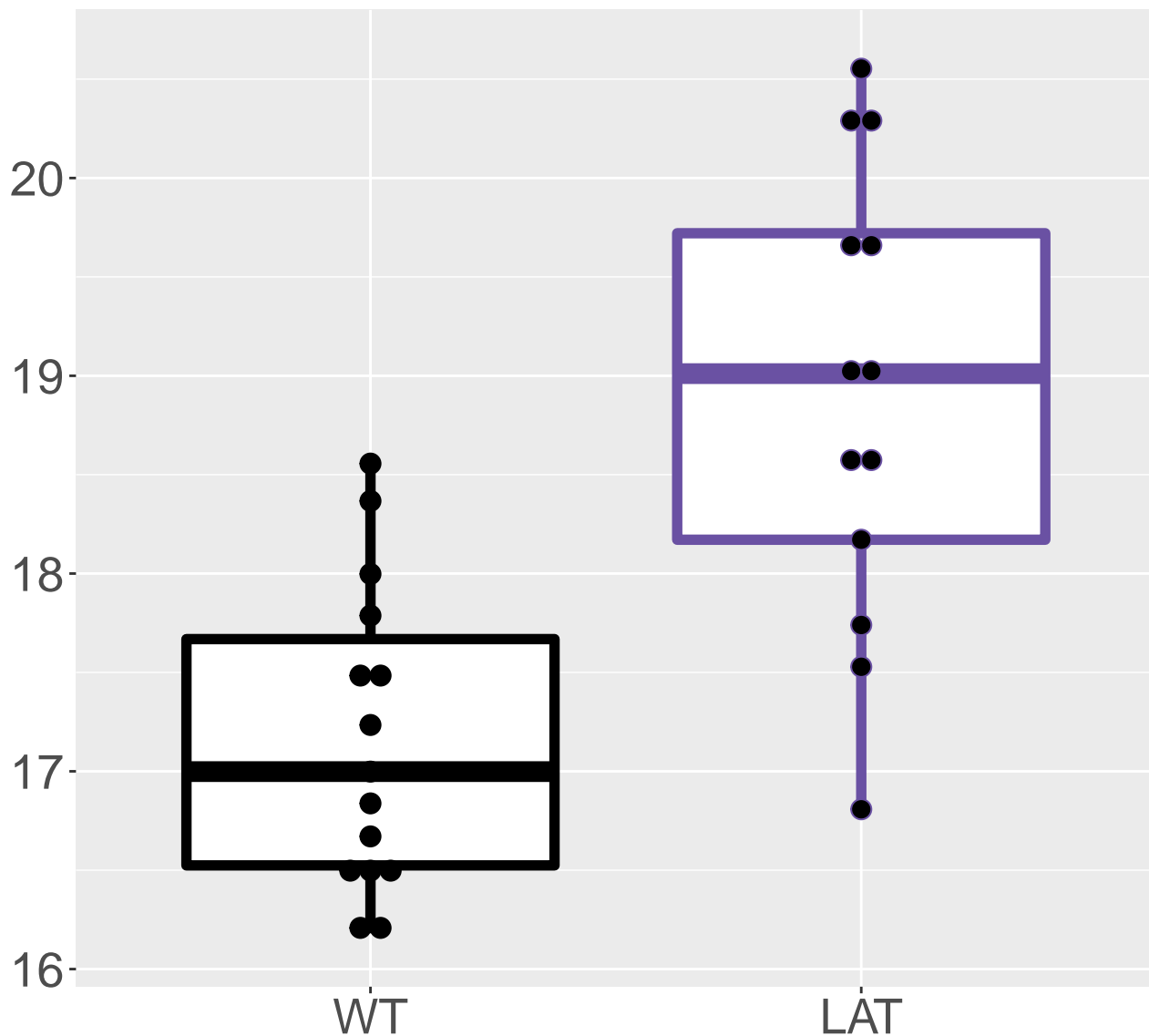
**M112.0123T611.28**  
**FDR = 0.0013, FC = 0.29**





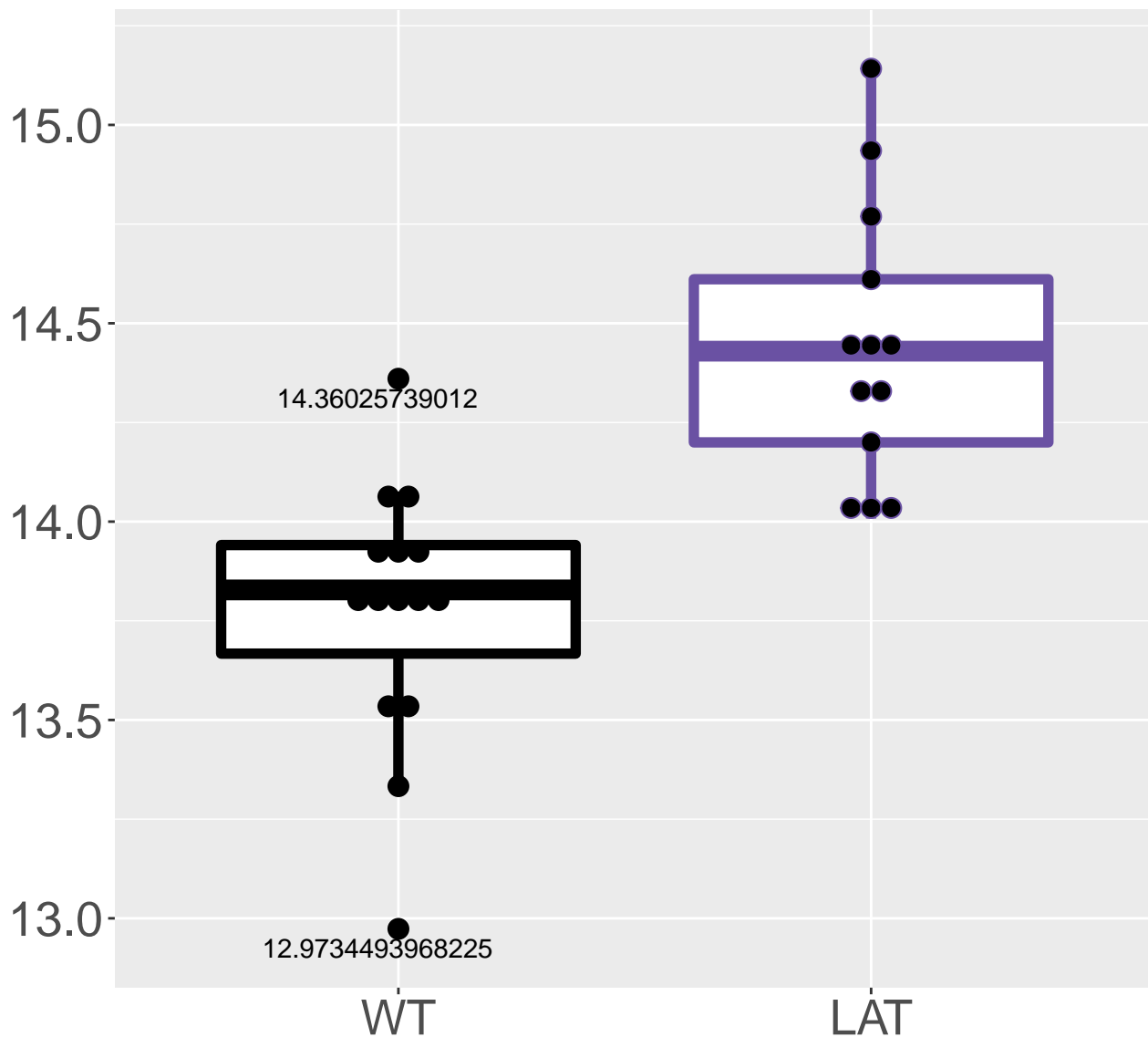
**M233.0783T350.56**

**FDR = 0.0015, FC = 1.8**

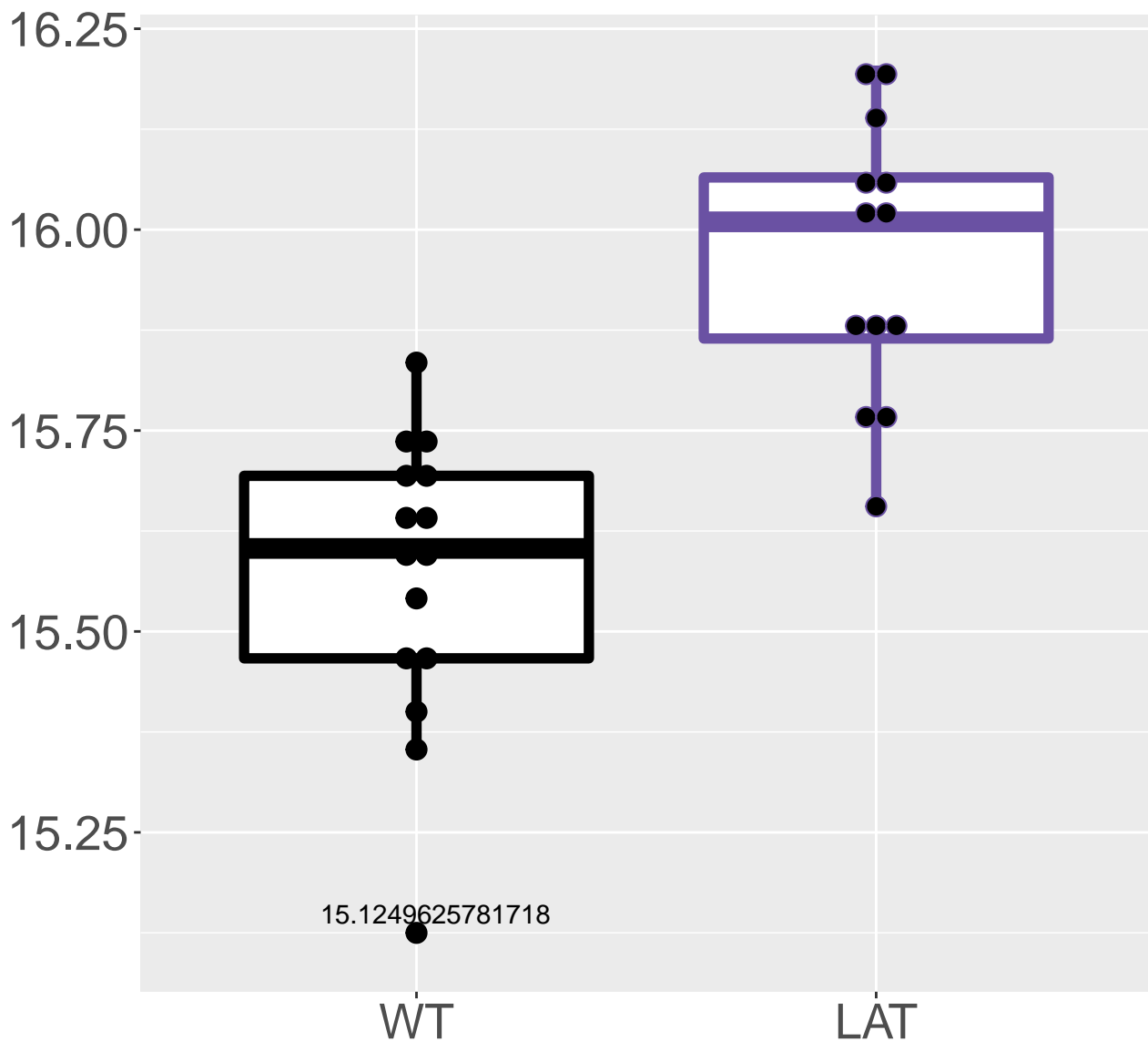


**M411.0757T507.27**

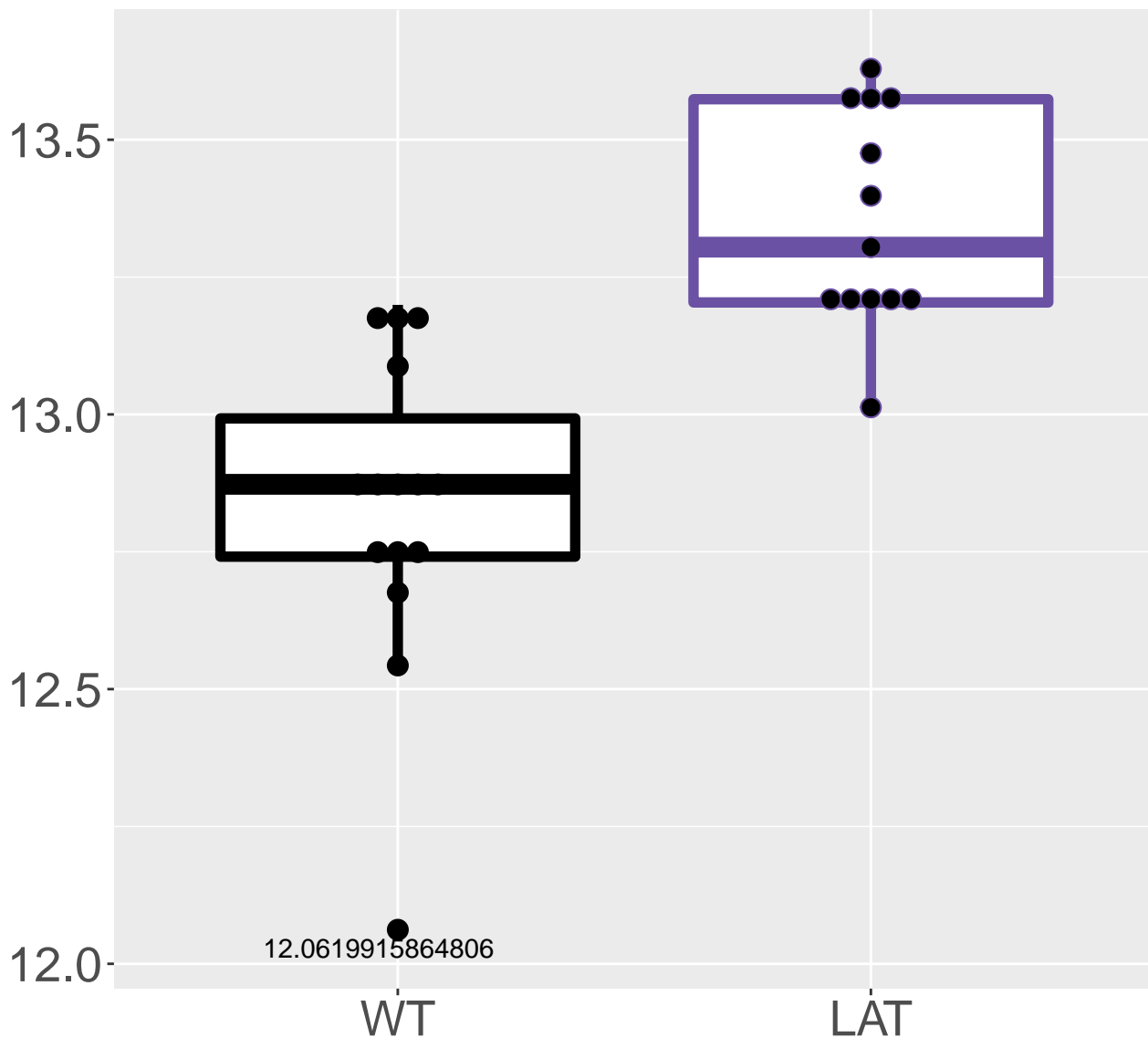
**FDR = 0.0015, FC = 0.67**



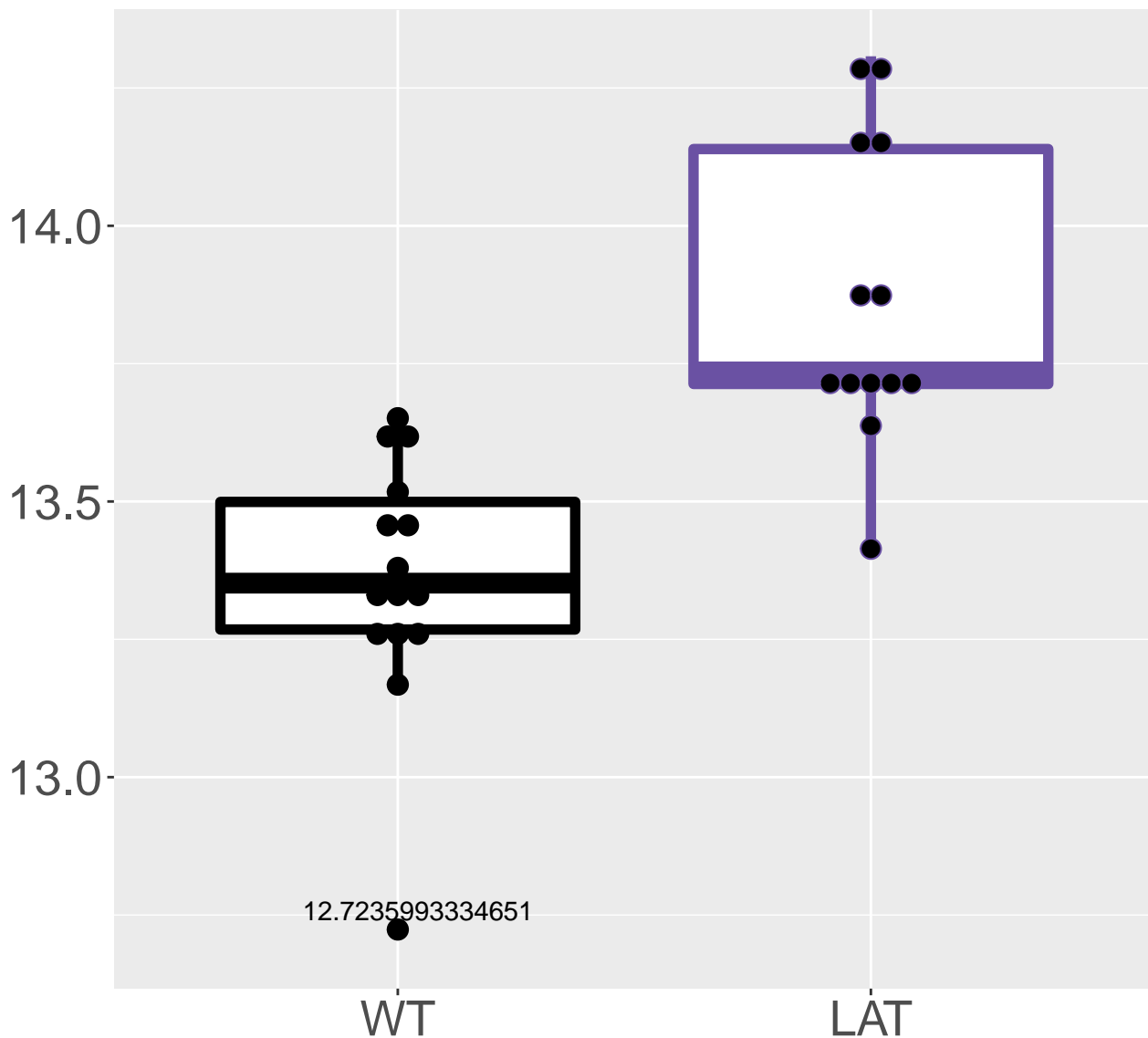
**M388.8528T1021.27**  
**FDR = 0.0015, FC = 0.39**



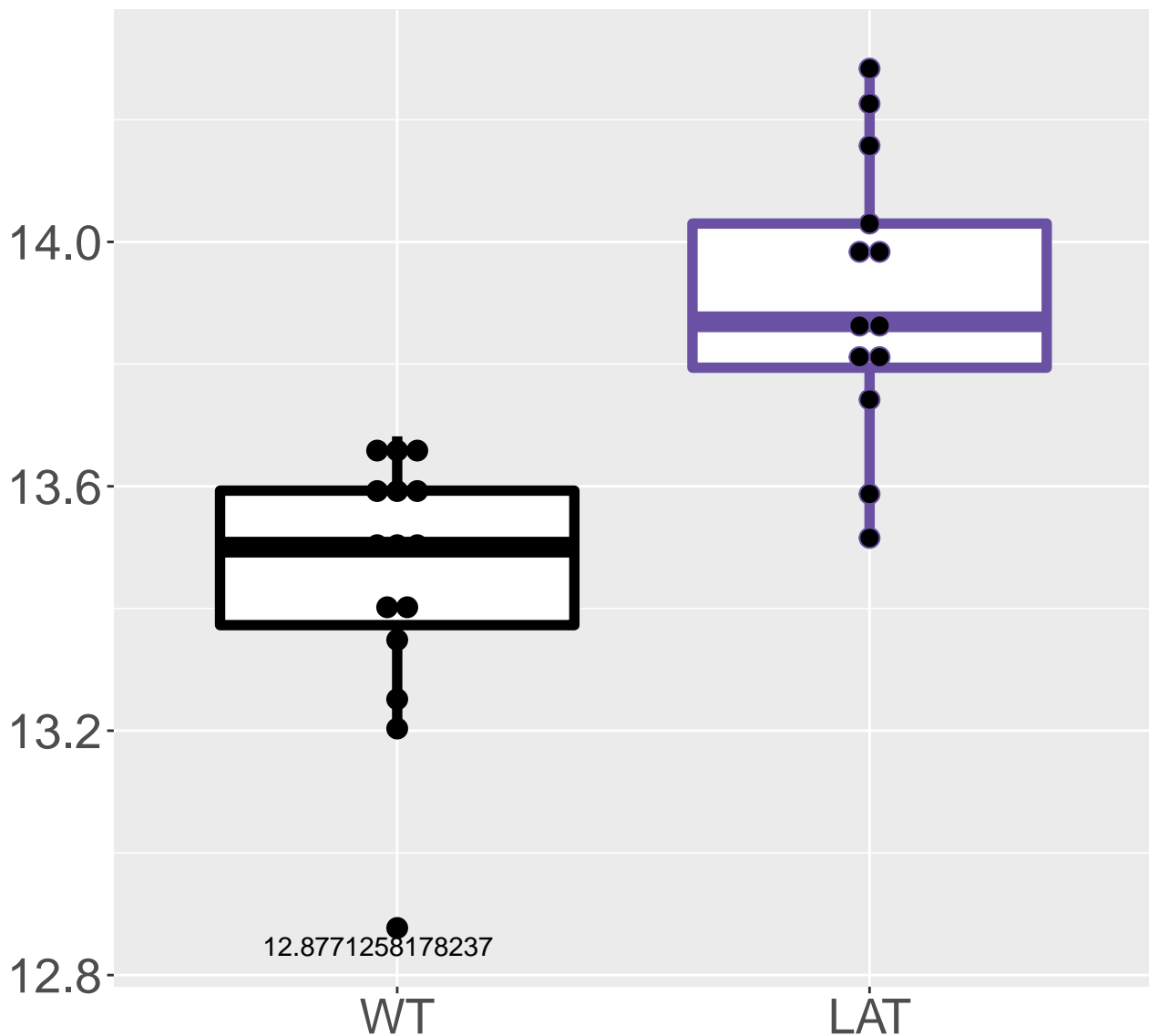
**FDR = 0.0015, FC = 0.52**



**M199.9582T1024.81**  
**FDR = 0.0015, FC = 0.51**

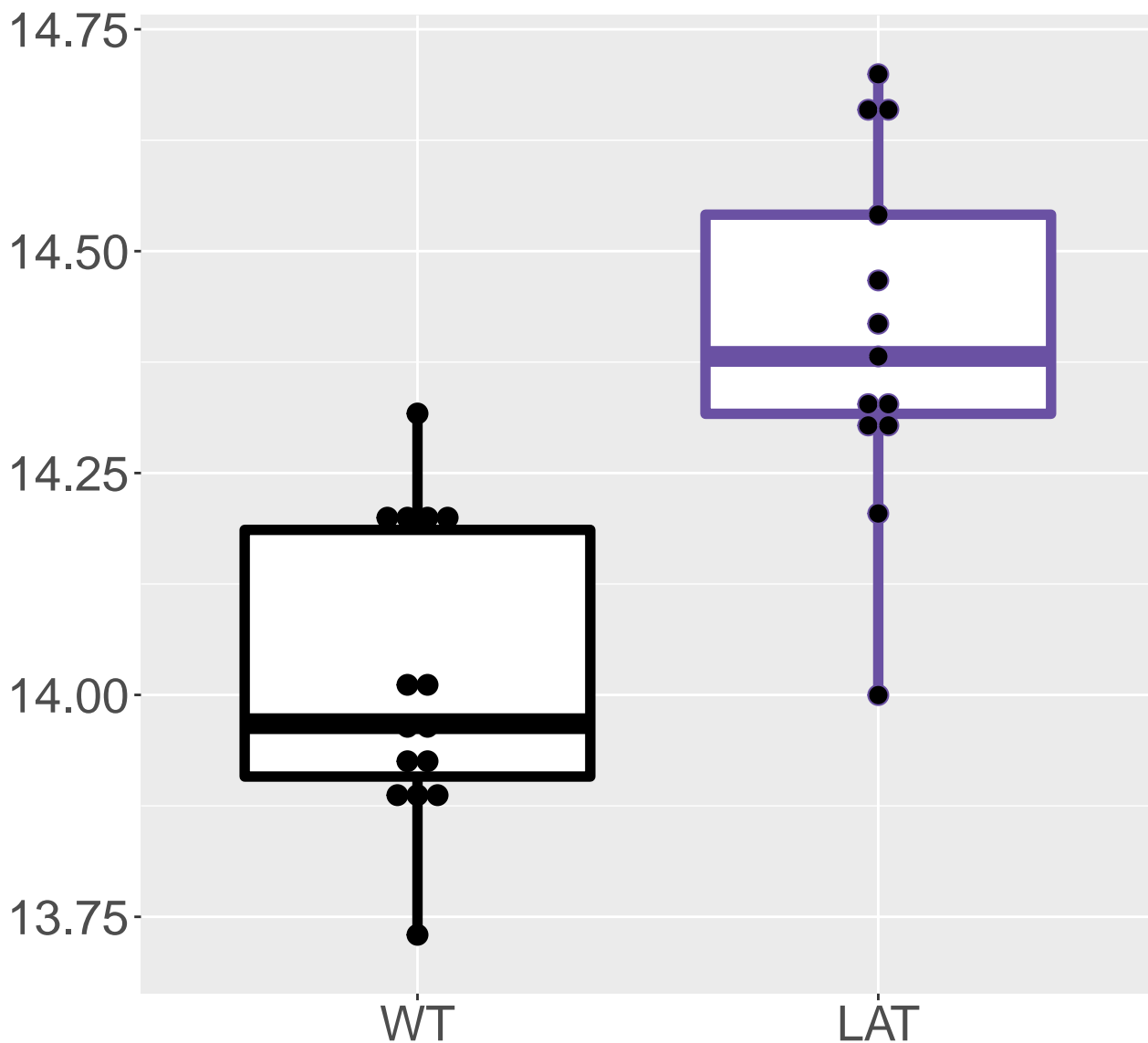


**M472.8352T1019.99**  
**FDR = 0.0015, FC = 0.46**



**M426.8088T1023.11**

**FDR = 0.0015, FC = 0.39**

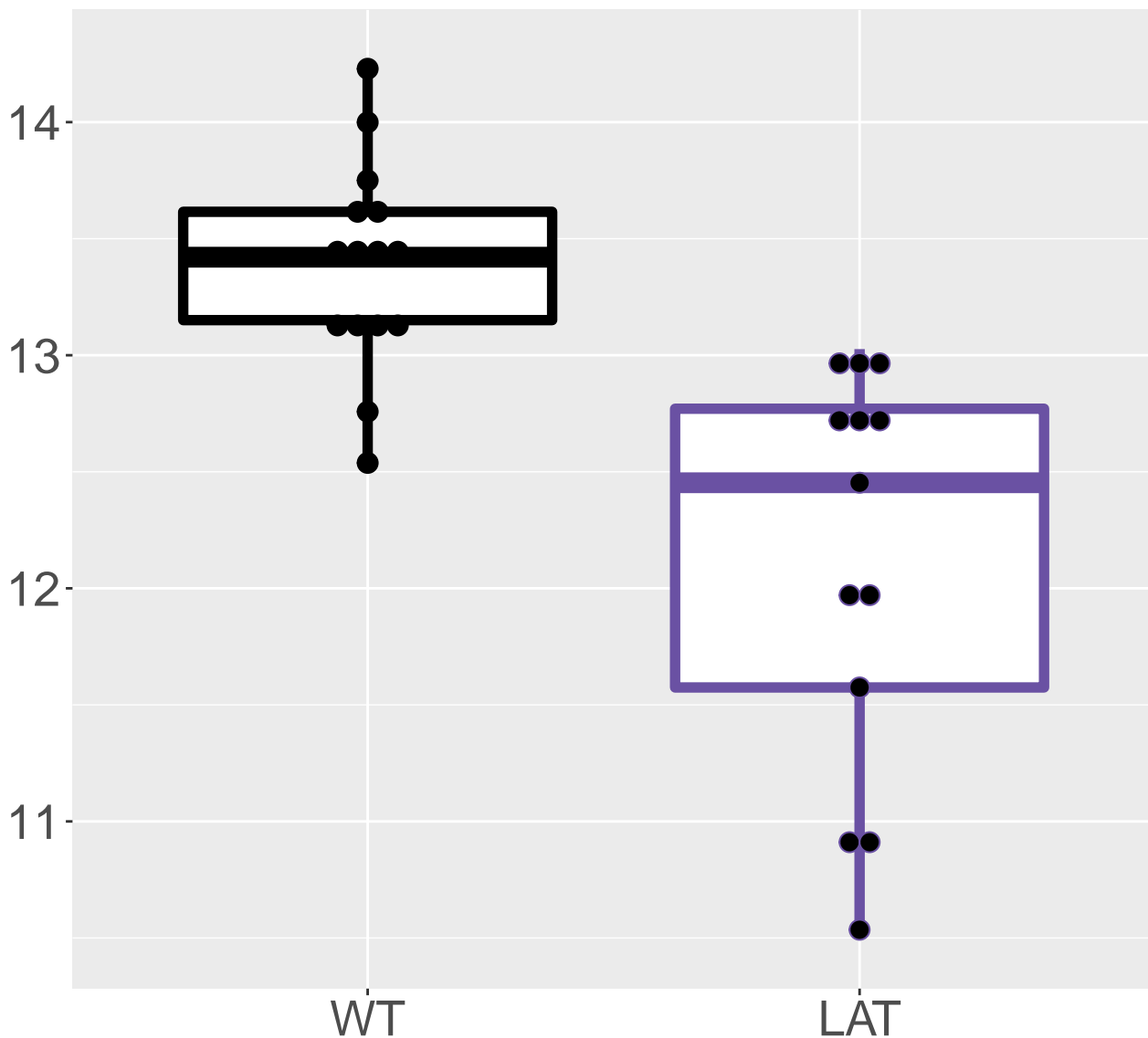




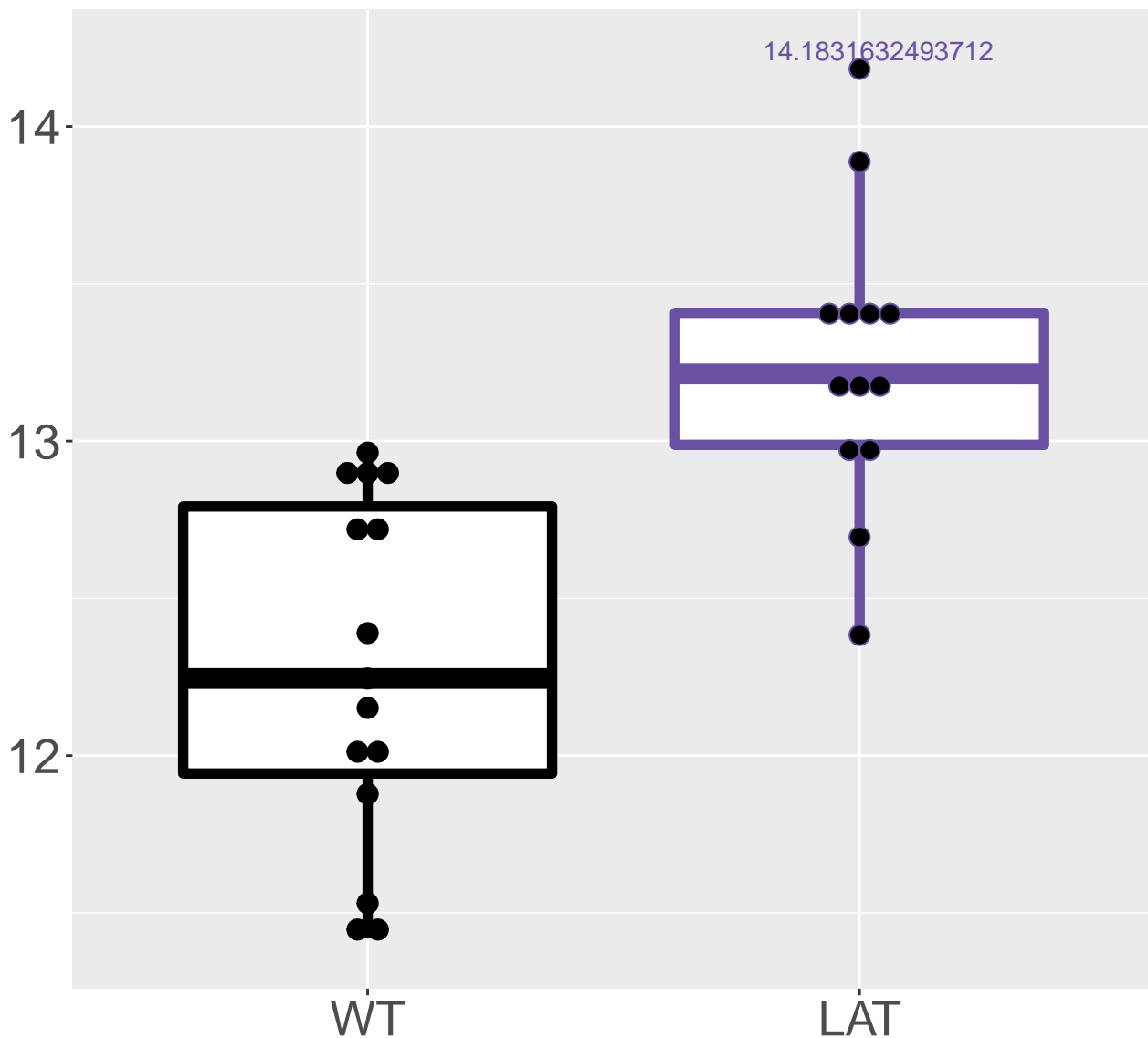


**M266.0999T168.52**

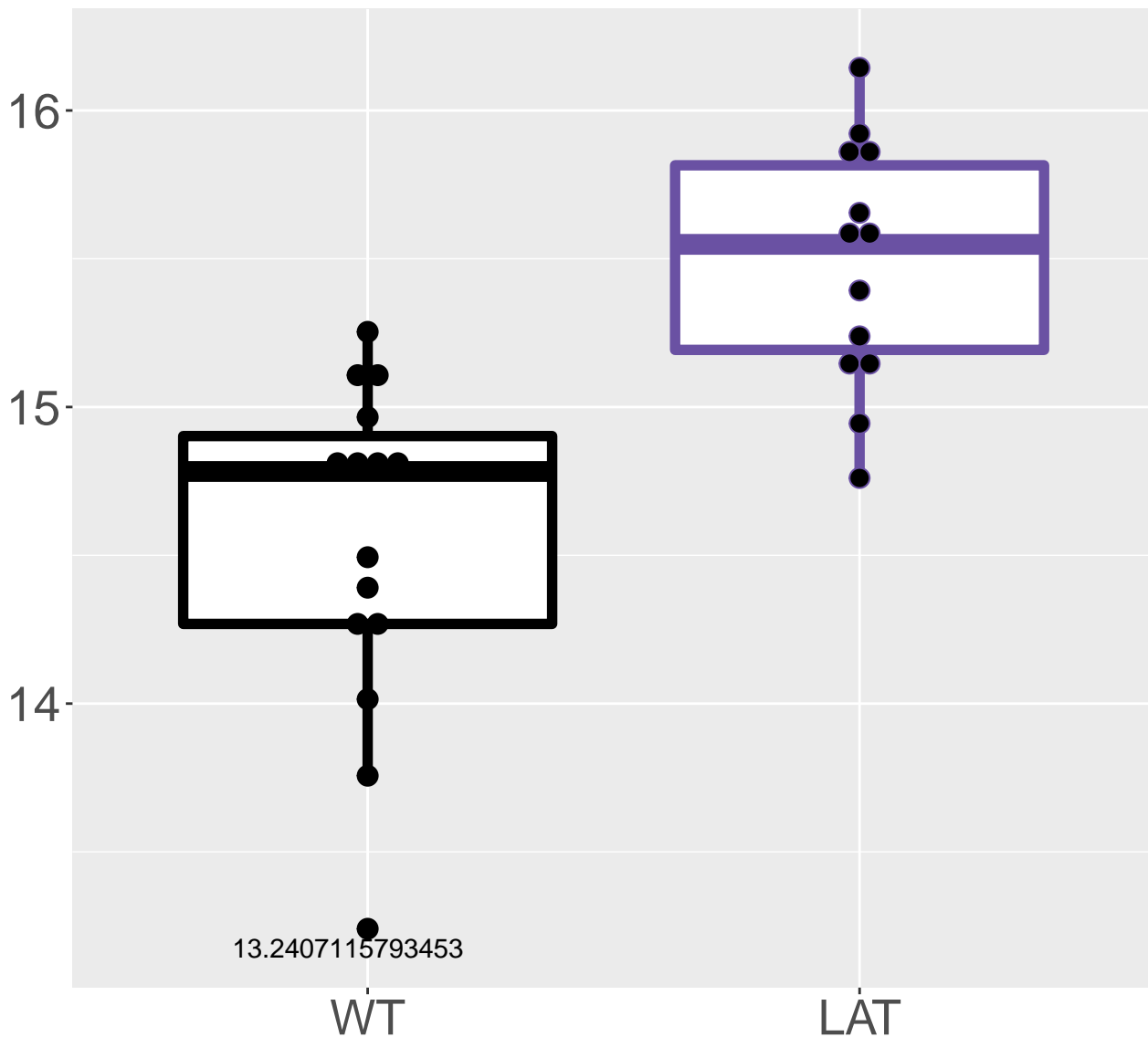
**FDR = 0.0017, FC = -1.3**



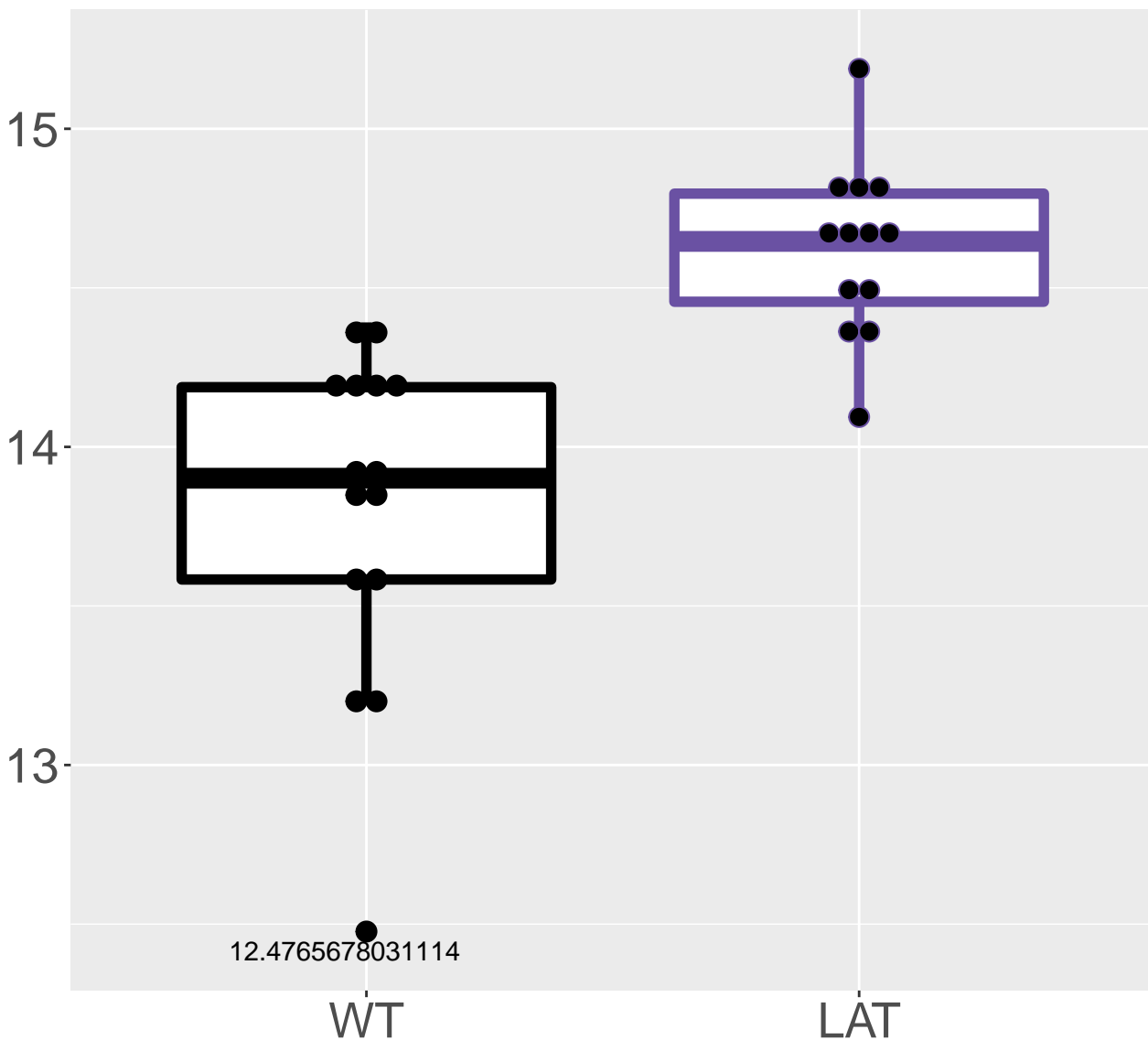
**M427.1366T211.15**  
**FDR = 0.0017, FC = 0.97**



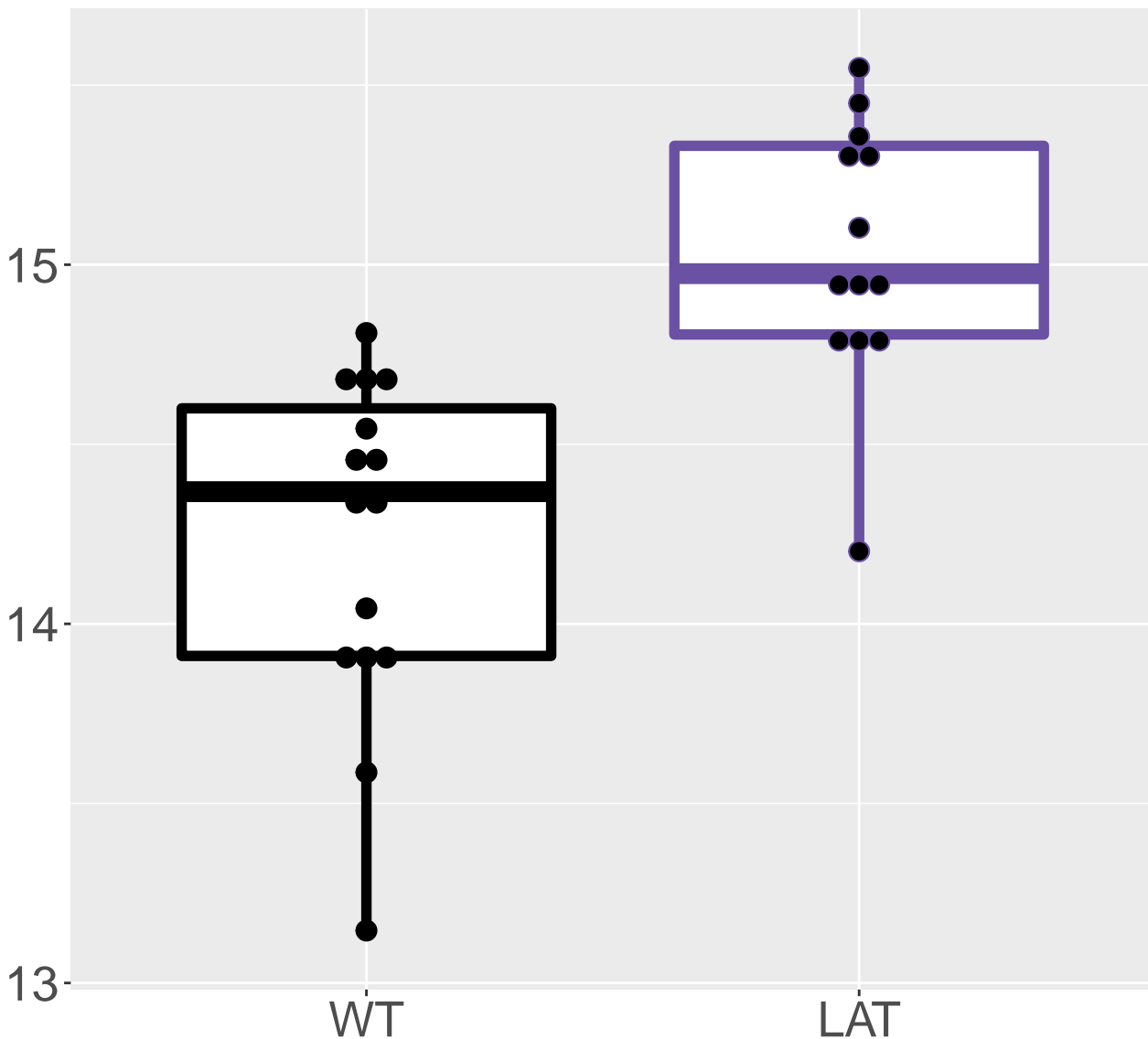
**M407.9196T993.27\_1**  
**FDR = 0.0017, FC = 0.94**



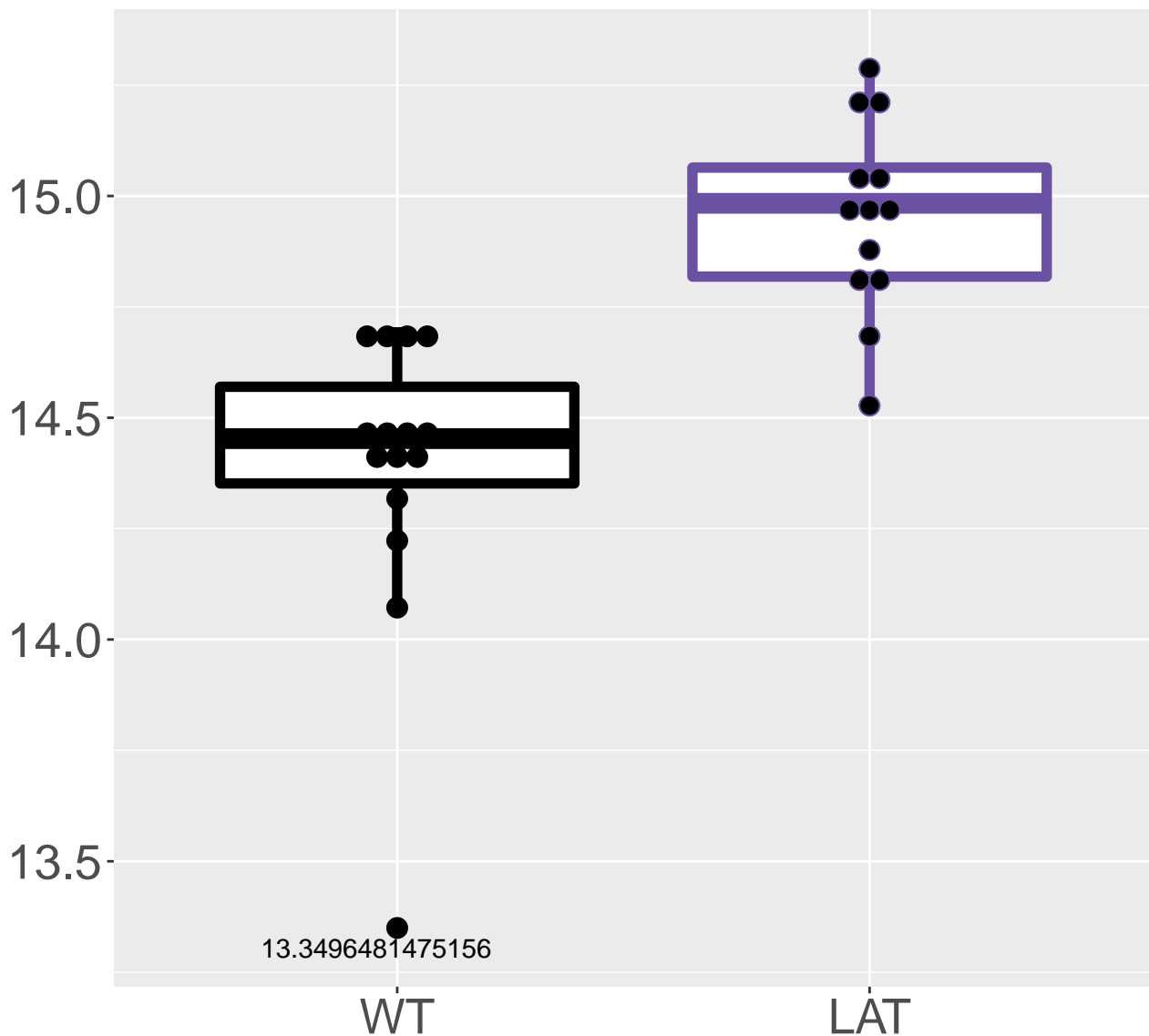
**FDR = 0.0017, FC = 0.82**



**M450.4025T993.36\_2**  
**FDR = 0.0017, FC = 0.81**

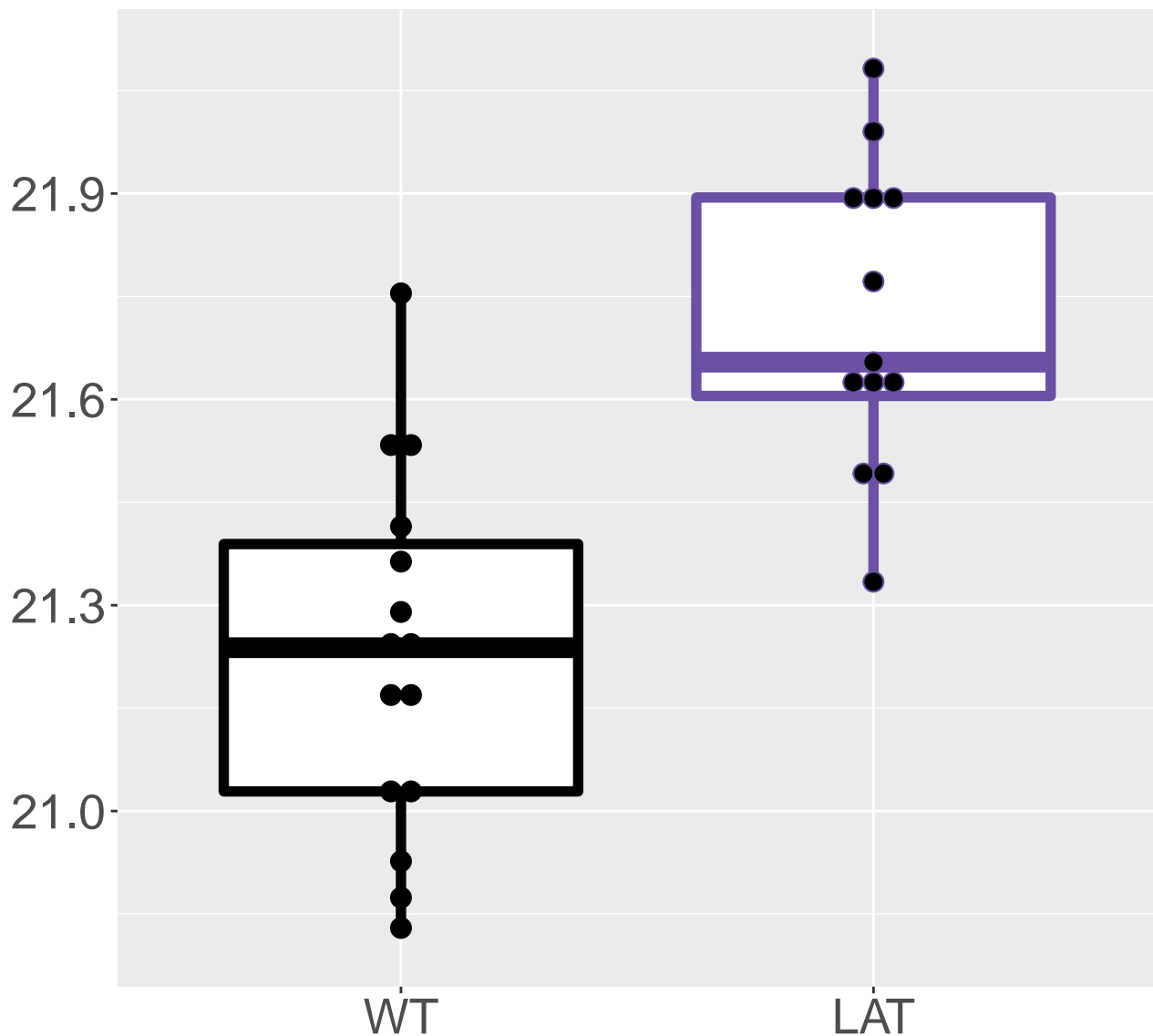


**M246.9777T610.97**  
**FDR = 0.0017, FC = 0.57**



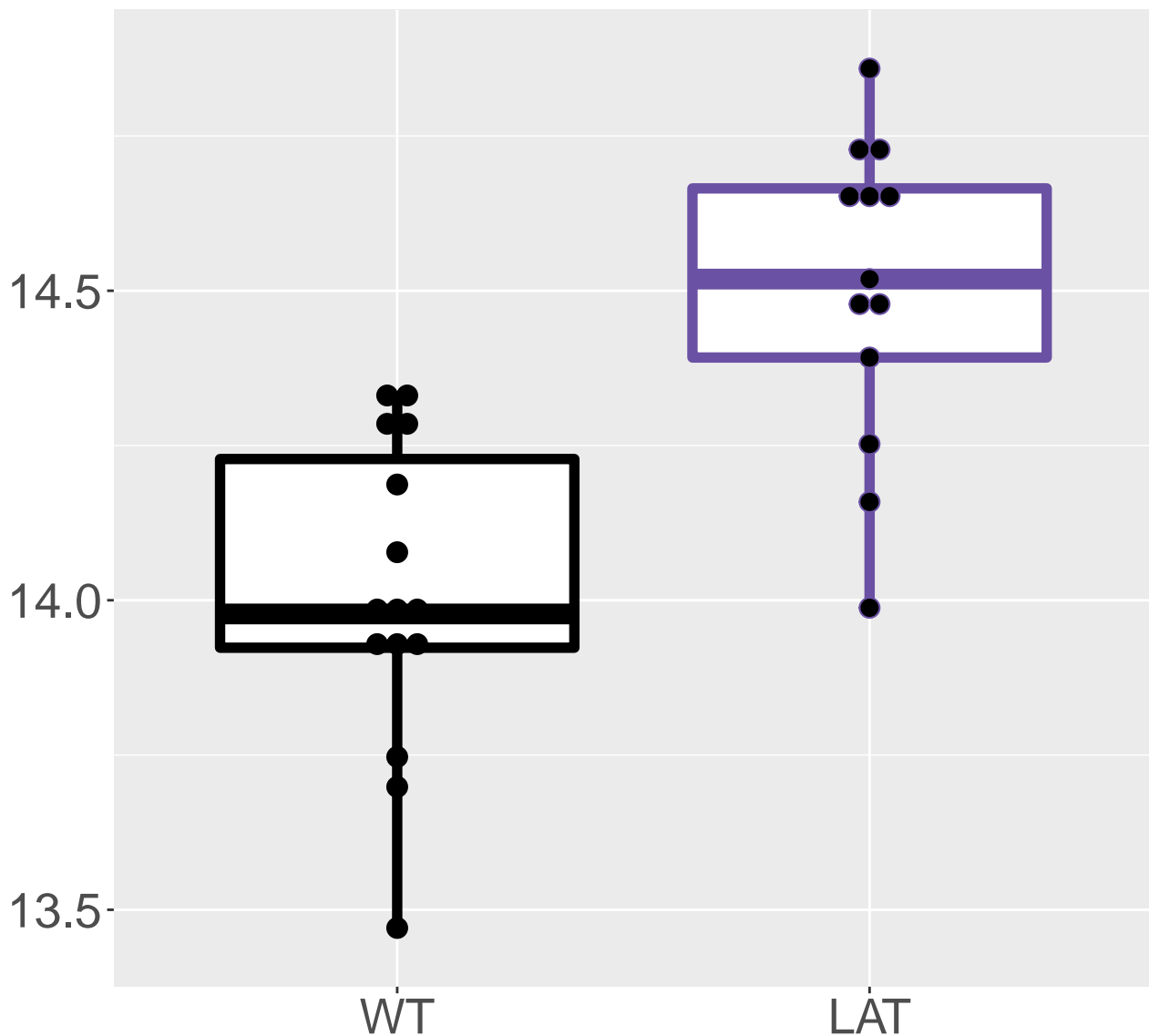
**M123.9888T233.44**

**FDR = 0.0017, FC = 0.49**



**M448.7908T1021.75**

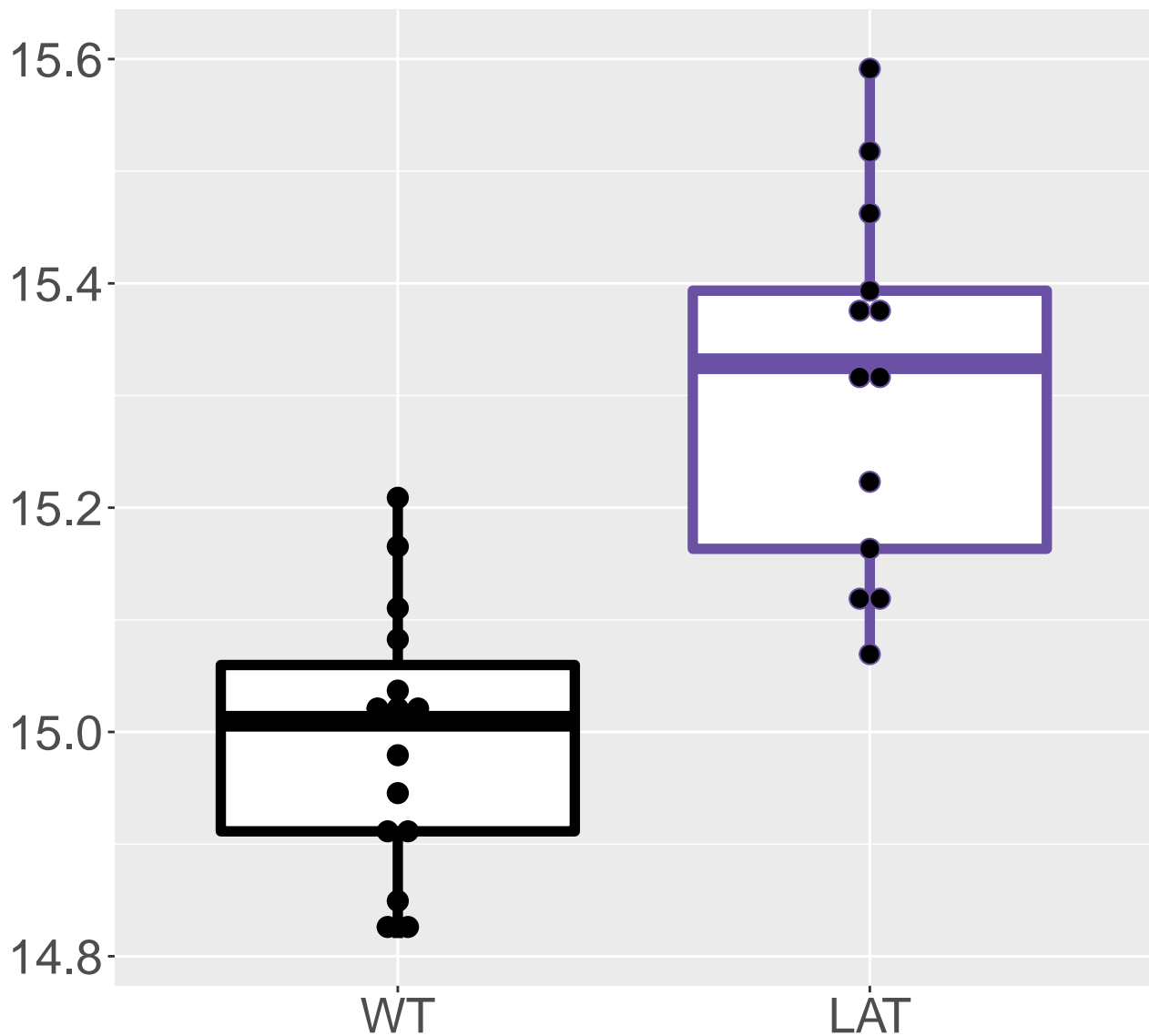
**FDR = 0.0017, FC = 0.49**



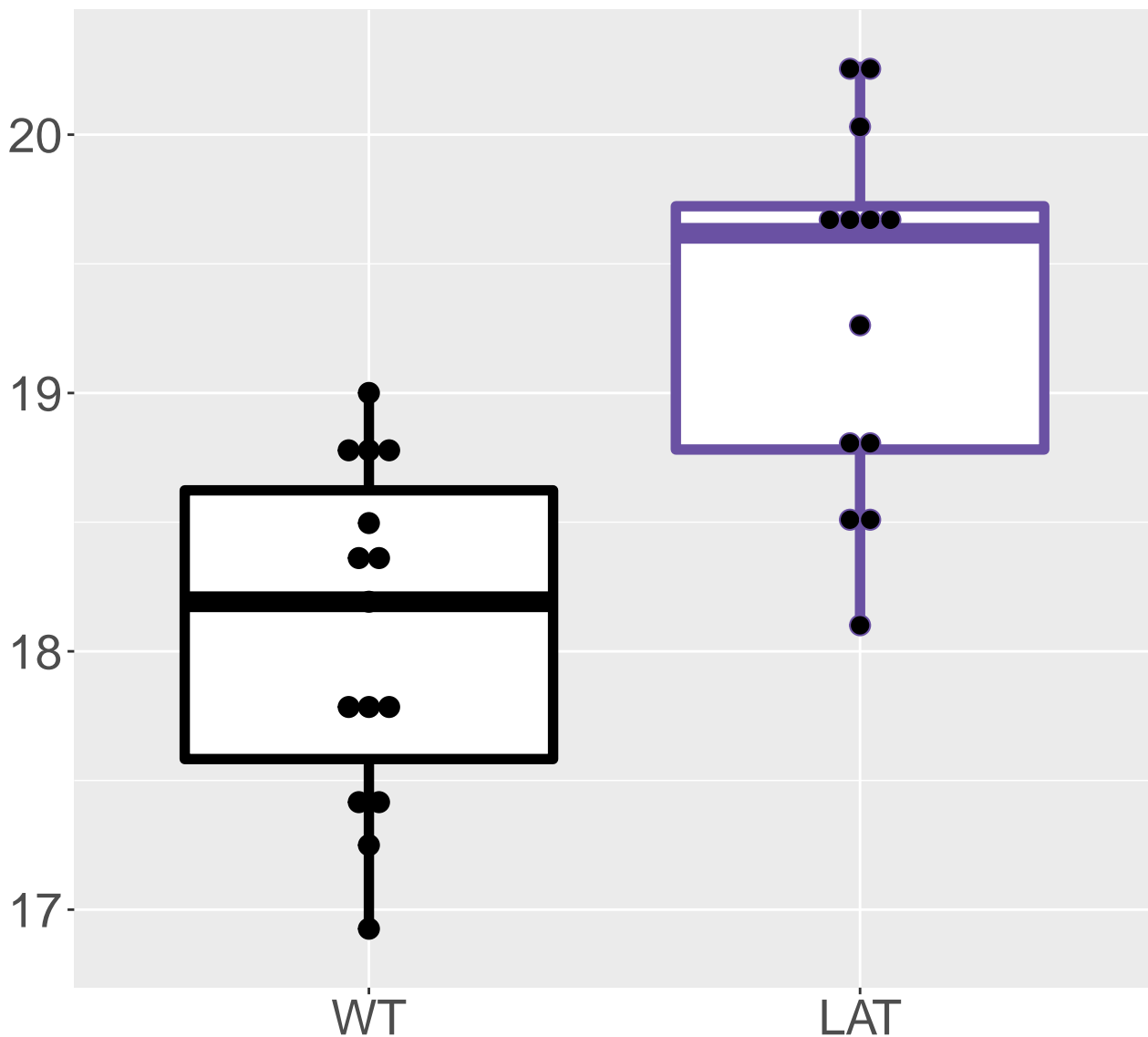


**M442.7828T1026.4**

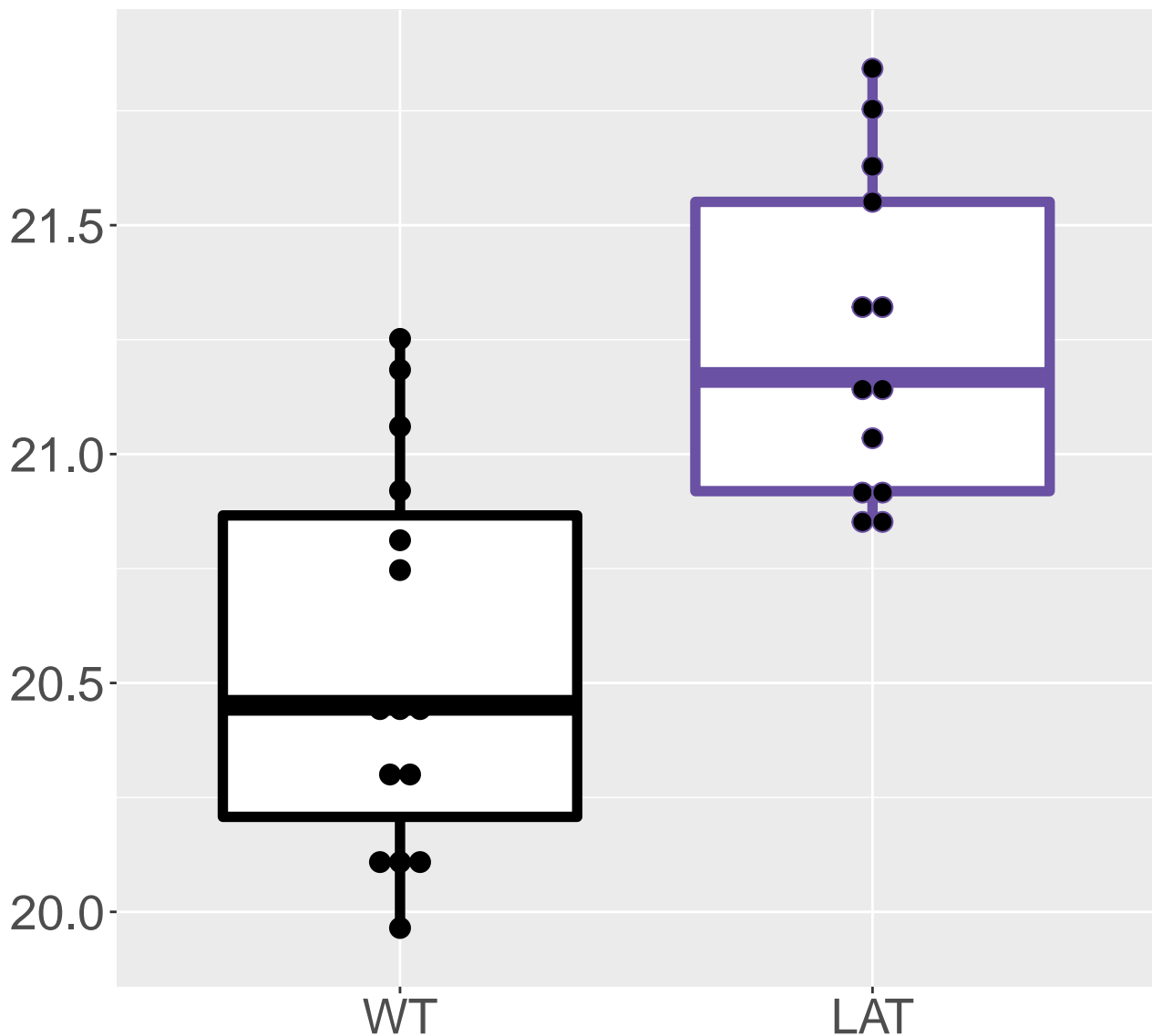
**FDR = 0.0017, FC = 0.32**



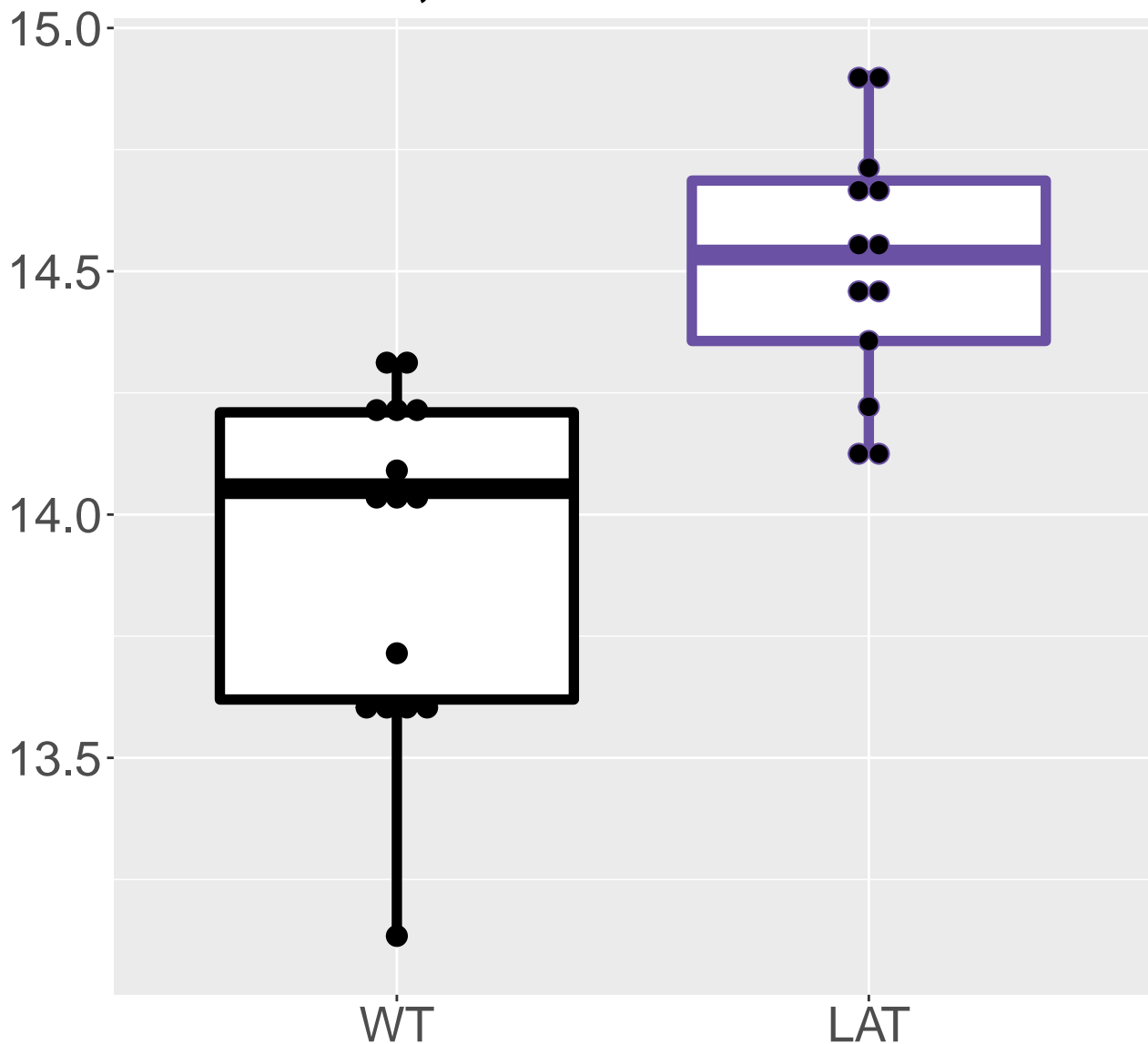
**Indole-3-acetic acid;Indoleacetic acid|Indoxyl a**  
**FDR = 0.0019, FC = 1.3**



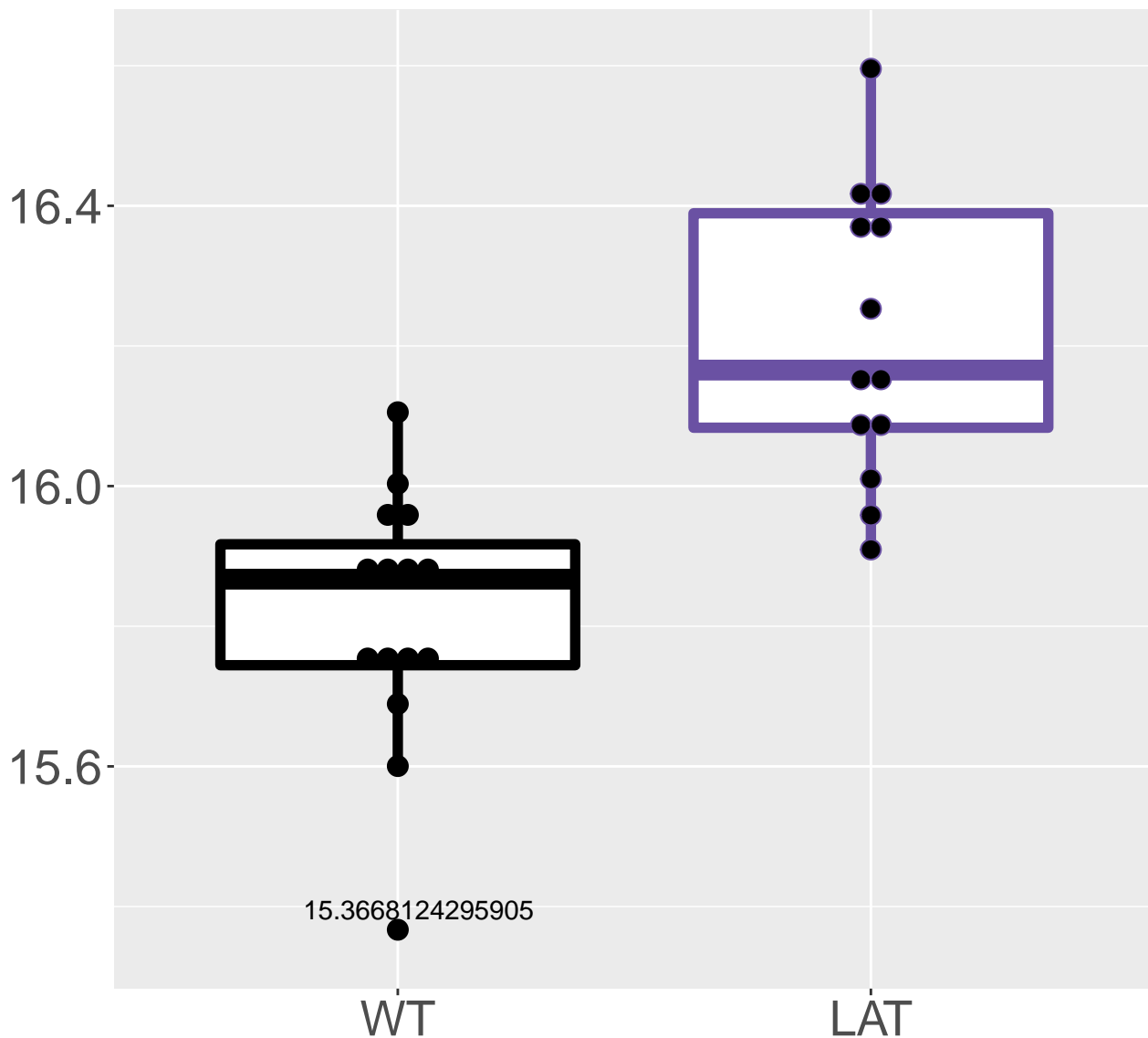
**N-Acetyl-DL-glutamic acid|N-Acetyl-L-glutamate**  
**FDR = 0.0019, FC = 0.7**



**M560.9262T993.51**  
**FDR = 0.0019, FC = 0.6**

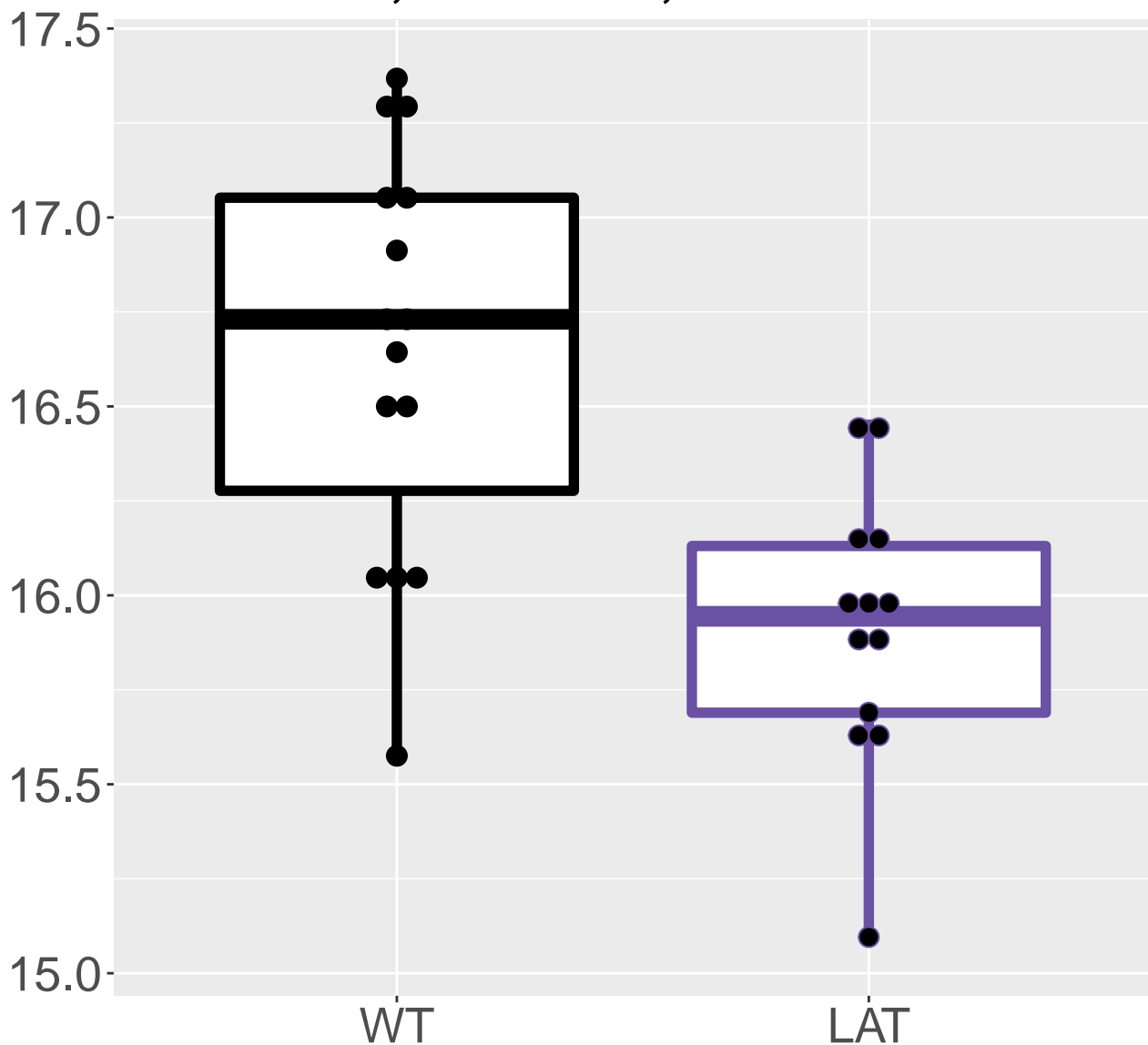


**M326.8523T1021.76**  
**FDR = 0.0019, FC = 0.4**

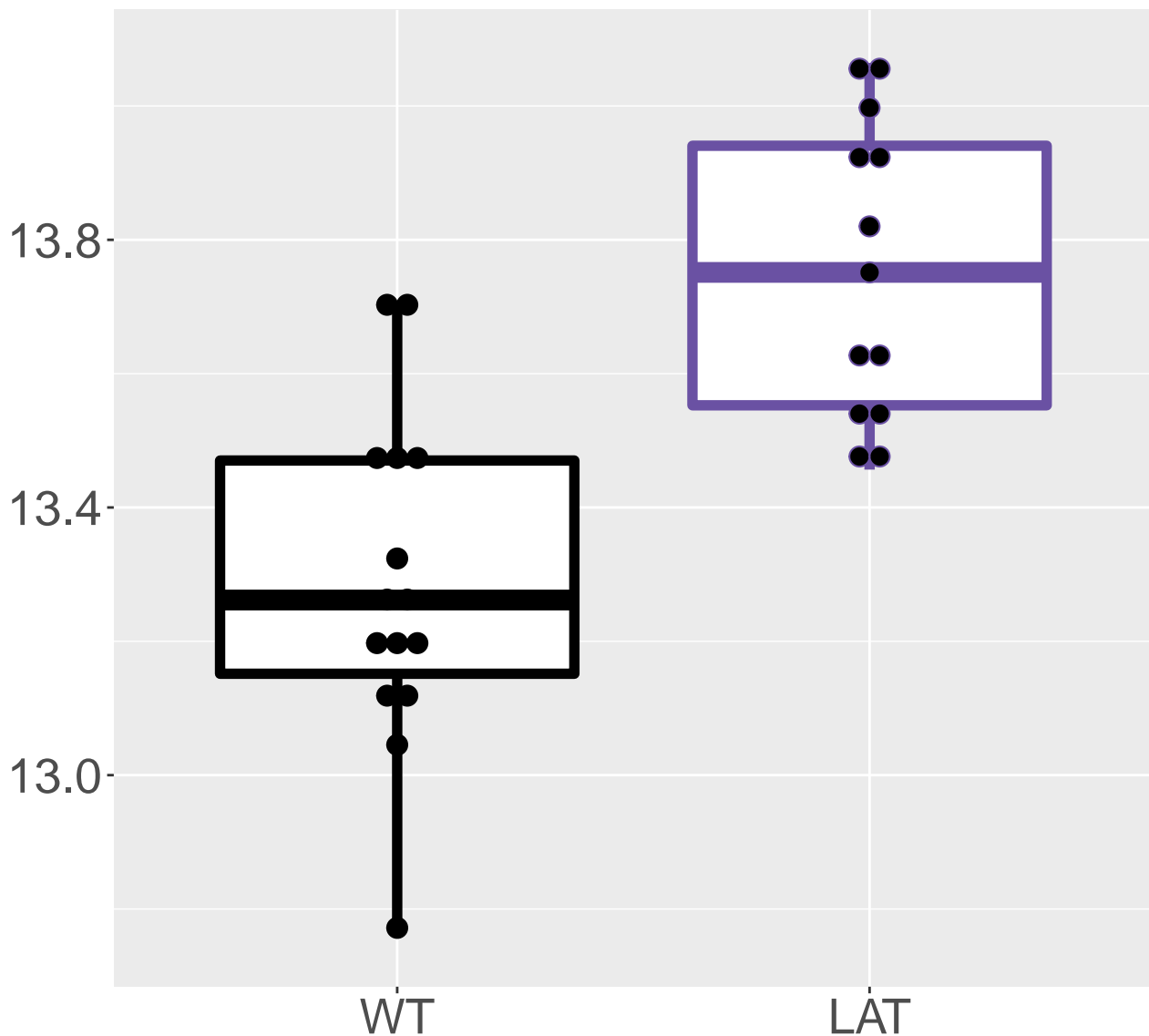


**M370.1474T583.84**

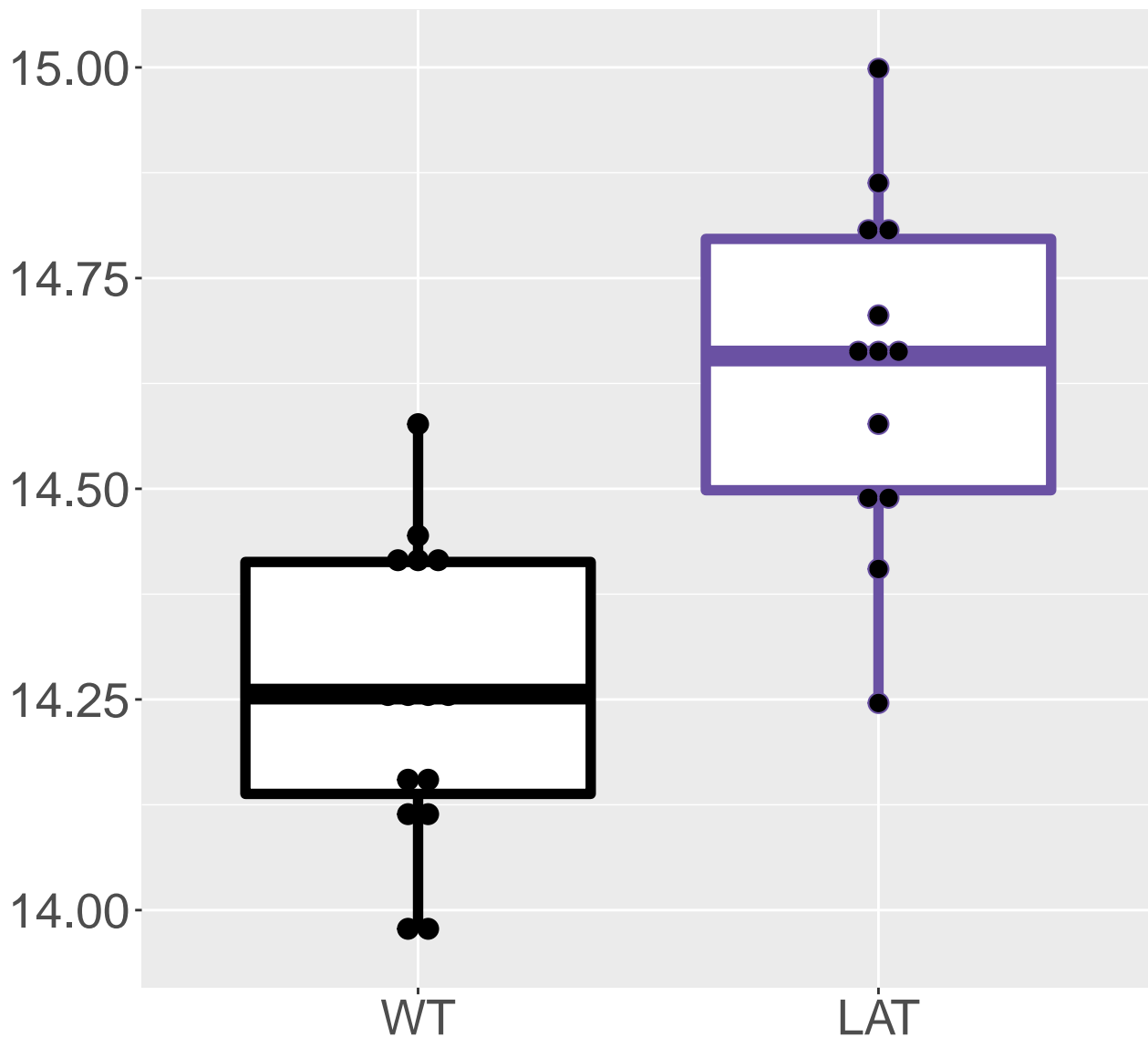
**FDR = 0.002, FC = -0.73, sex\*\***



**M410.8349T1020.41**  
**FDR = 0.002, FC = 0.47**

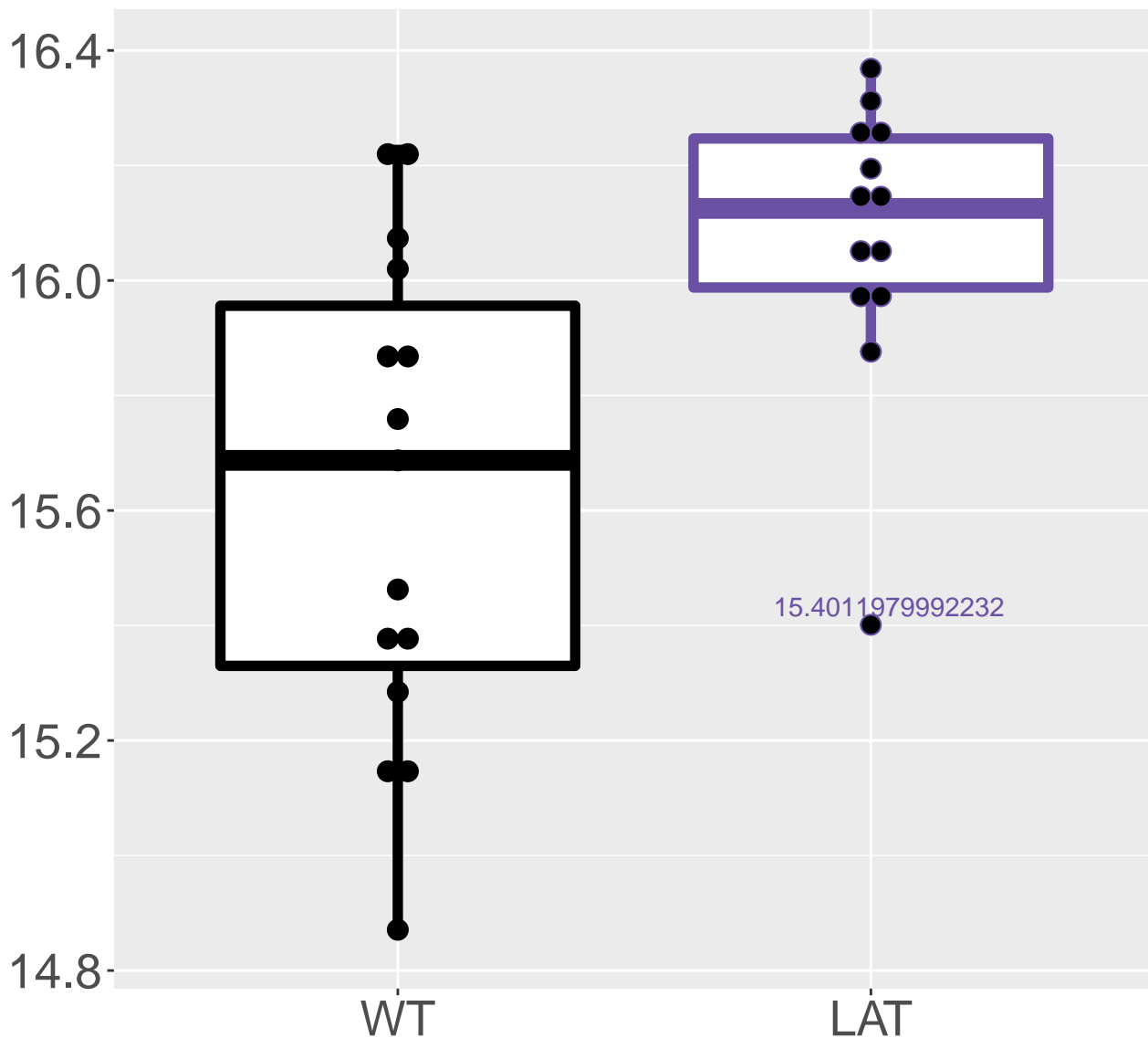


**M456.8615T1016.36\_2**  
**FDR = 0.002, FC = 0.39**

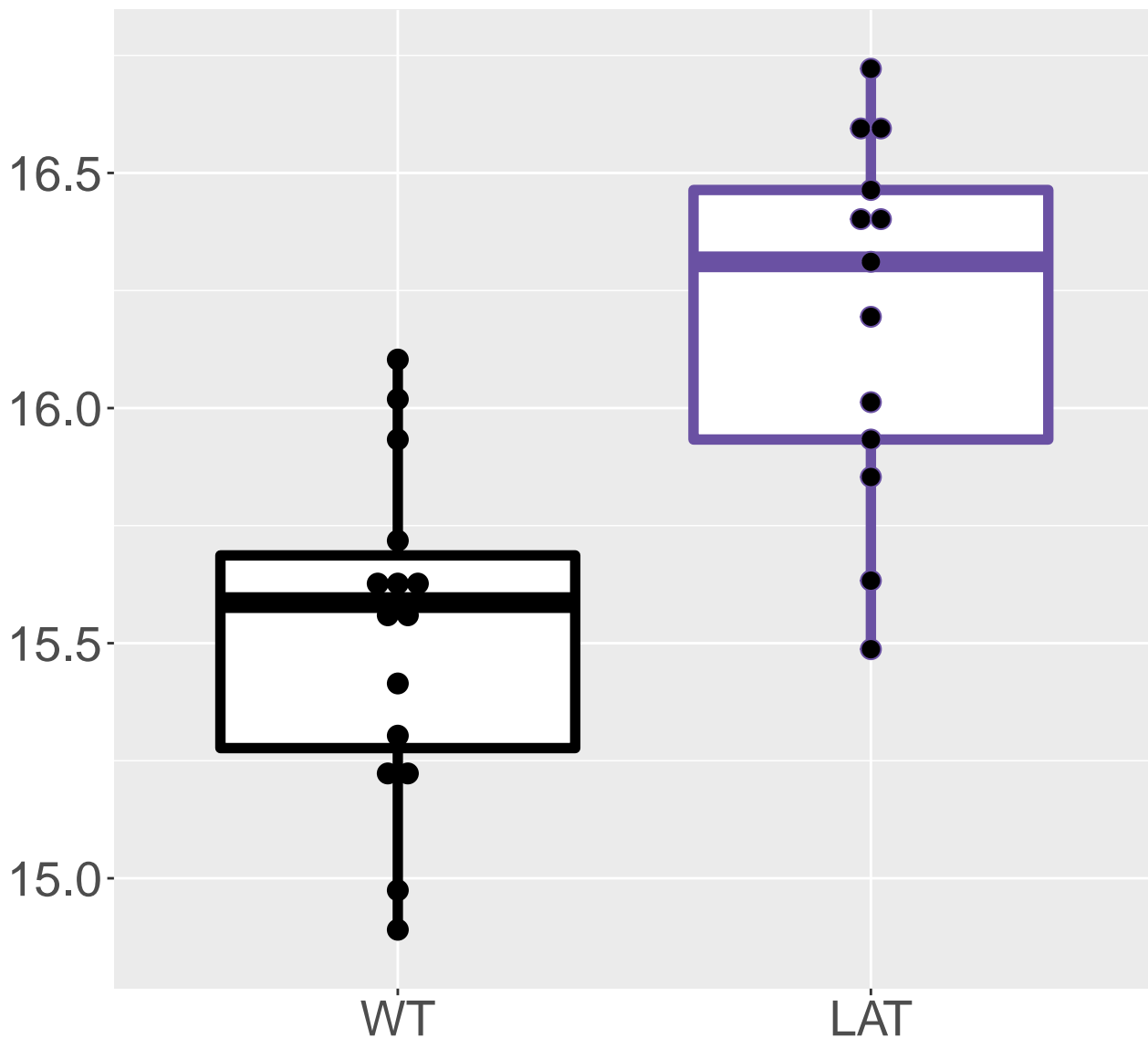




**4-Hydroxymandelic acid|3-Hydroxymandelic**  
**FDR = 0.002, FC = 0.45, sex\*\*\***

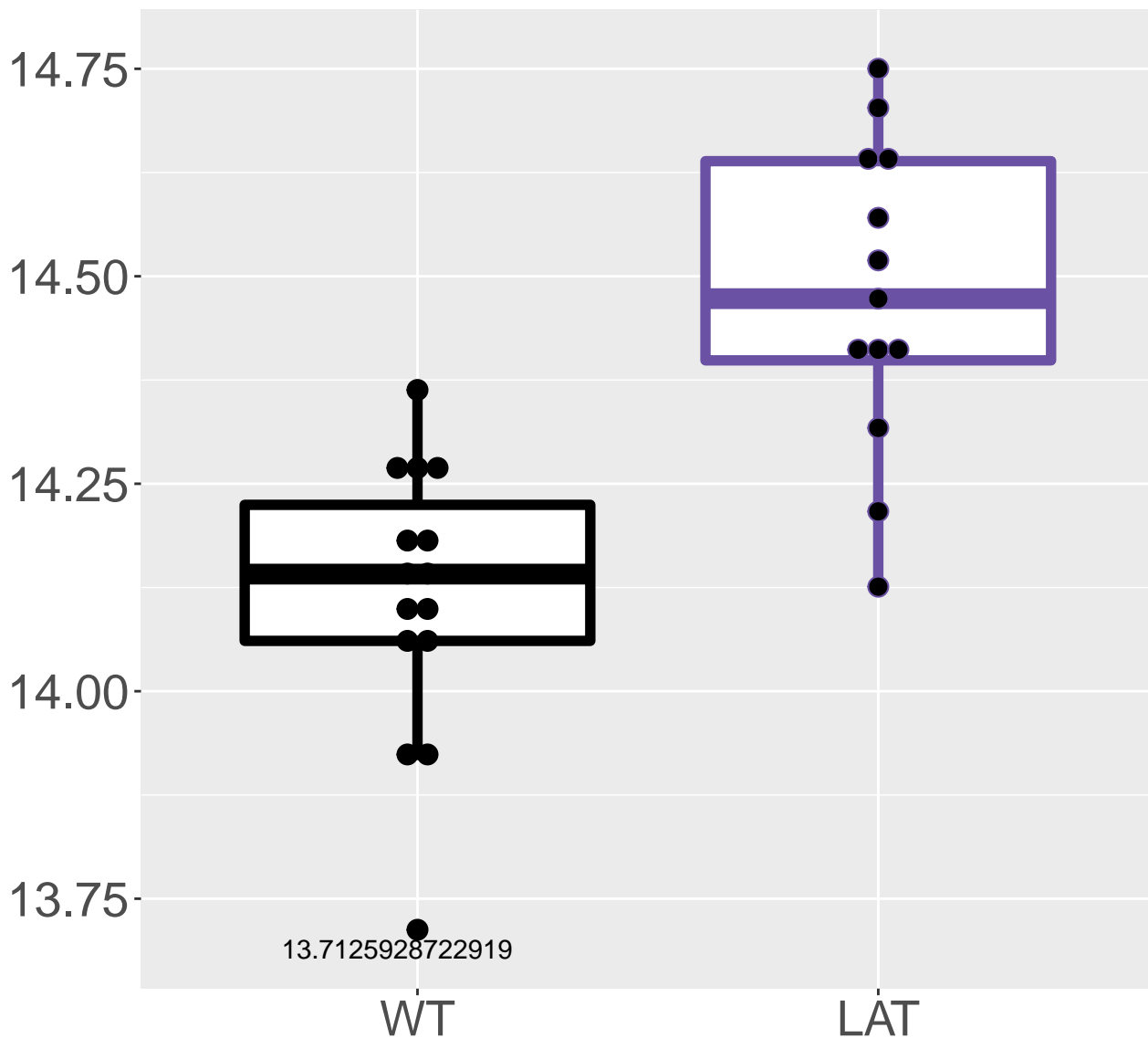


**M132.6425T555.8\_1**  
**FDR = 0.0023, FC = 0.68**



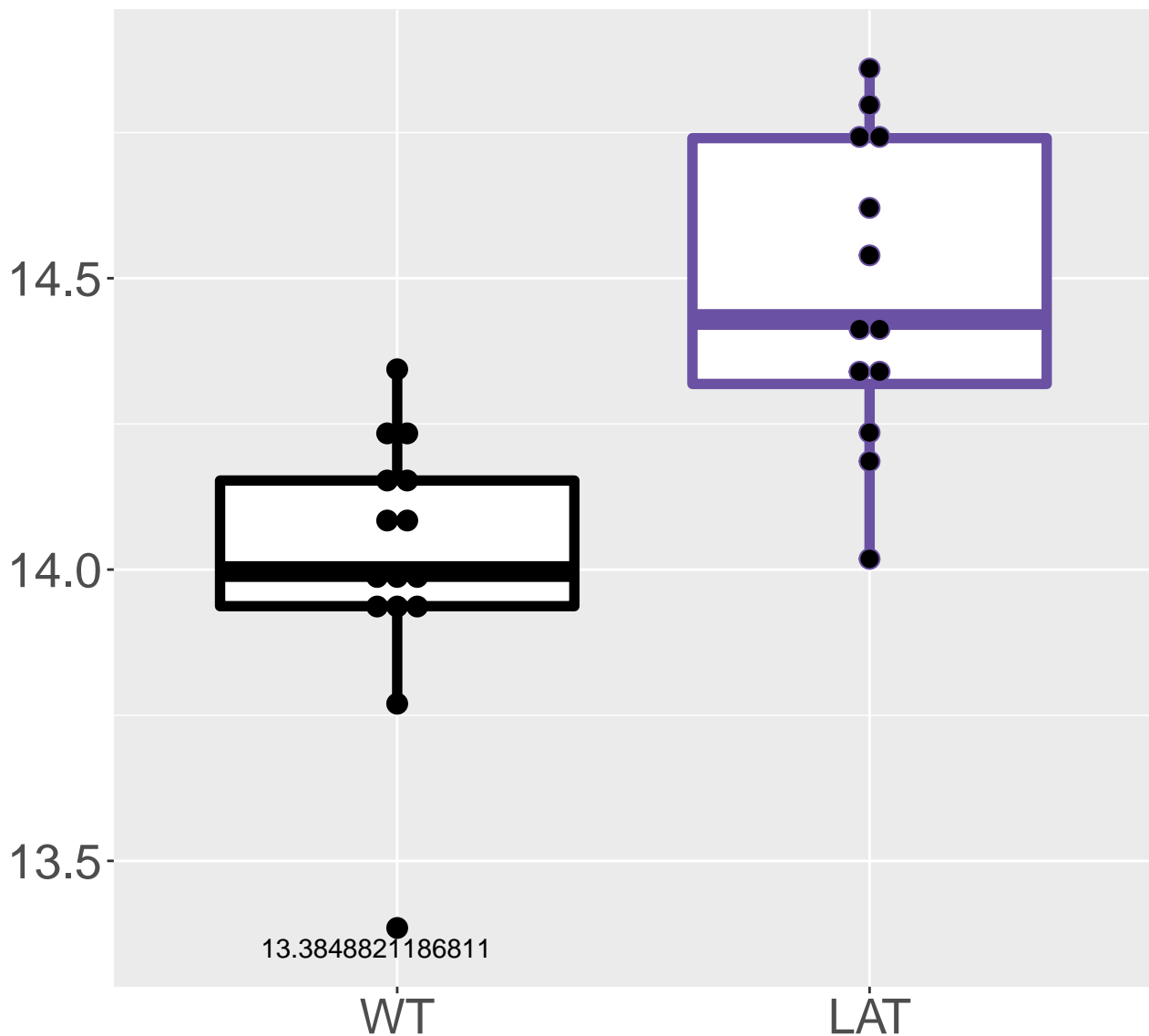
**M488.8093T1022.92**

**FDR = 0.0023, FC = 0.36**



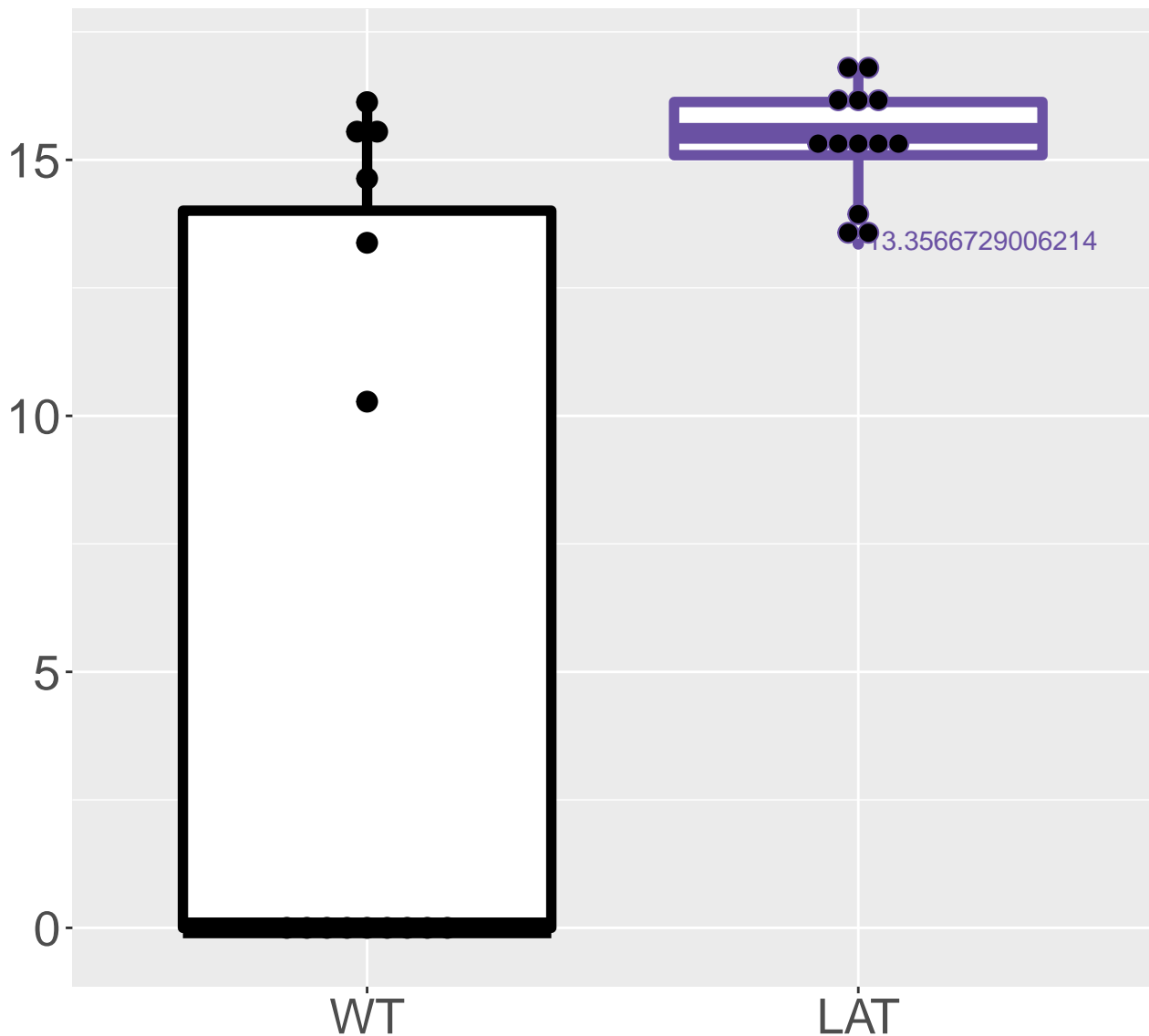
**M366.8445T1020.12**

**FDR = 0.0024, FC = 0.47**



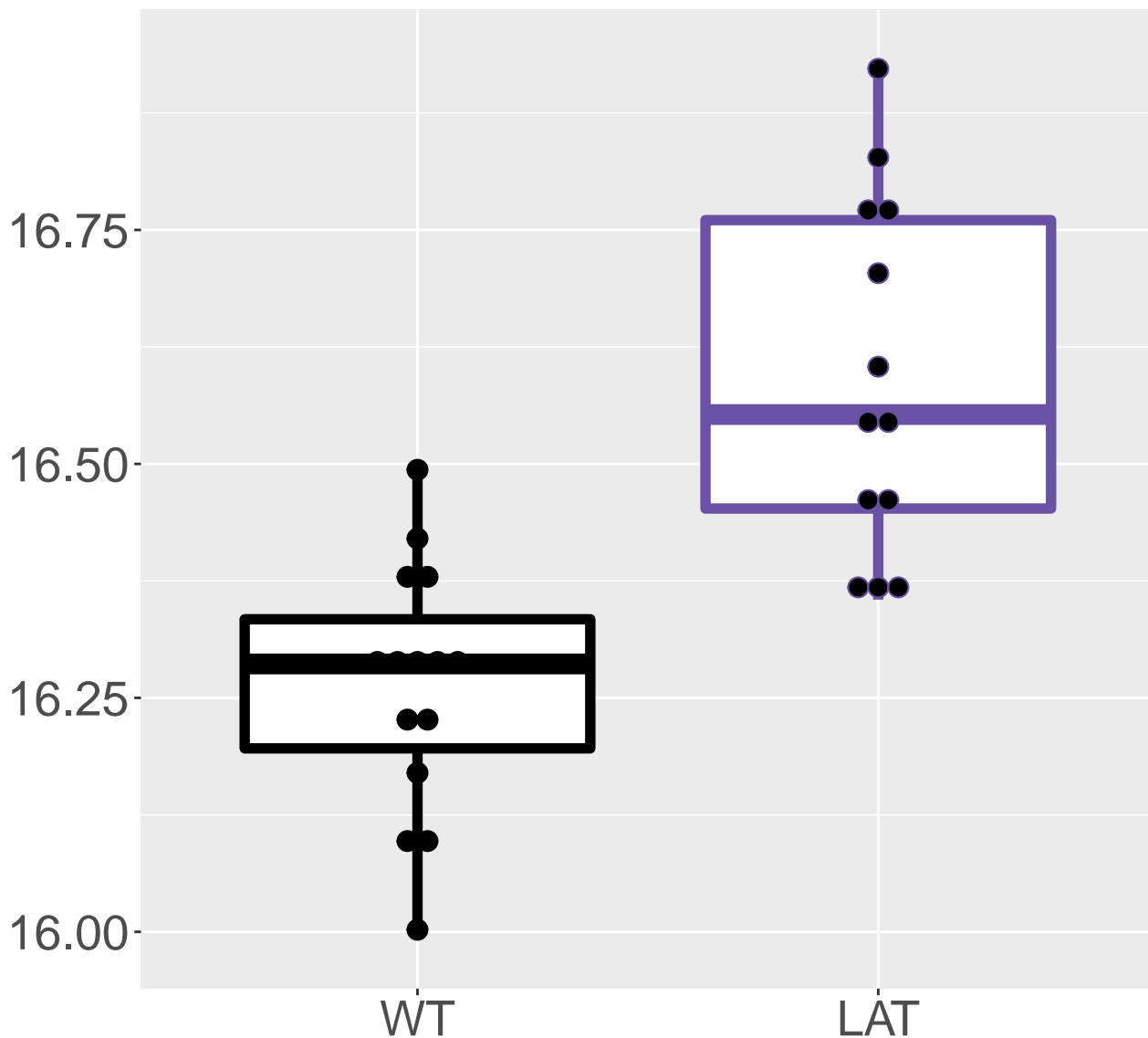
**M239.9978T97.78**

**FDR = 0.0024, FC = 9.7**

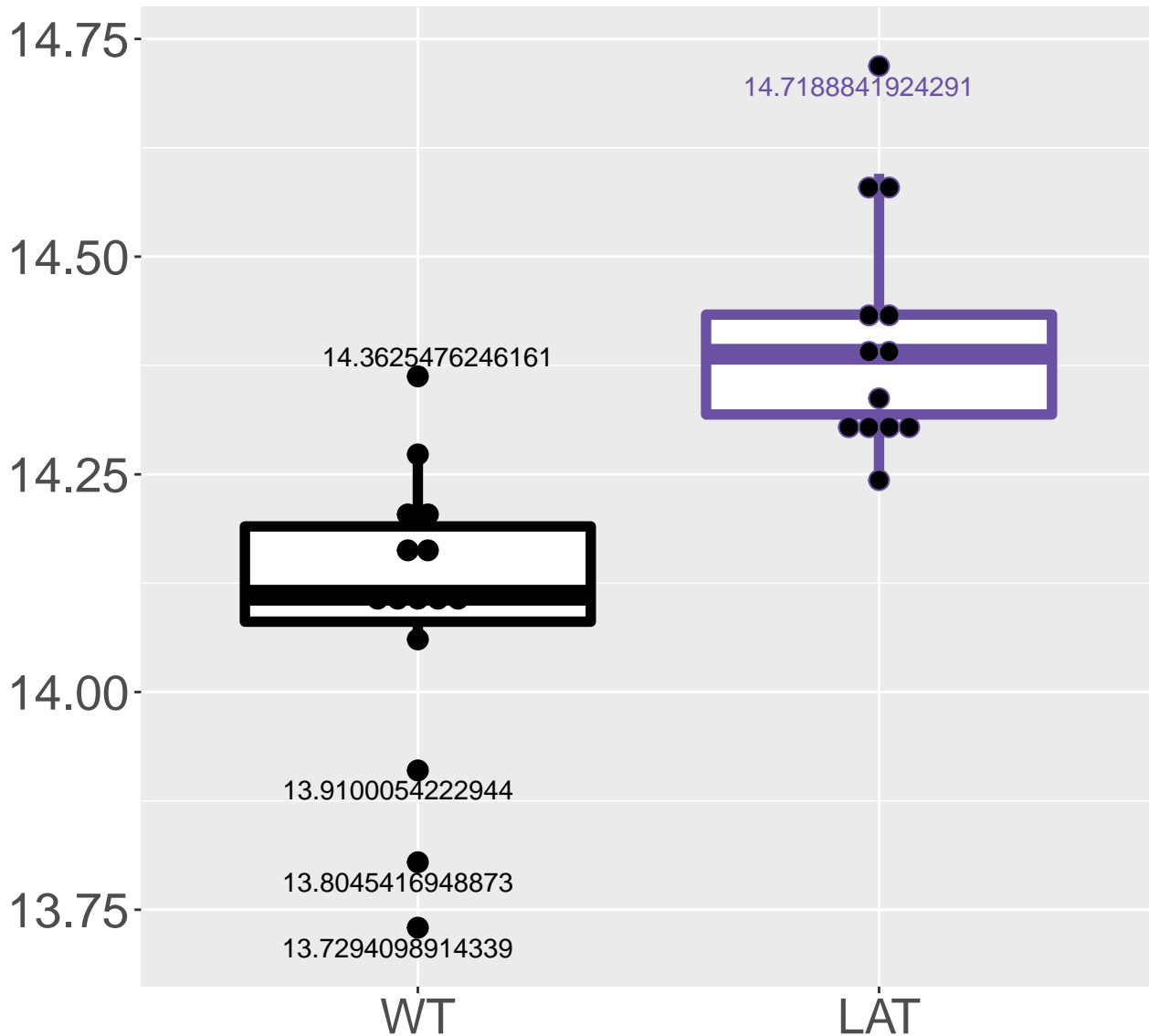


**M342.8261T1025.32**

**FDR = 0.0024, FC = 0.33**

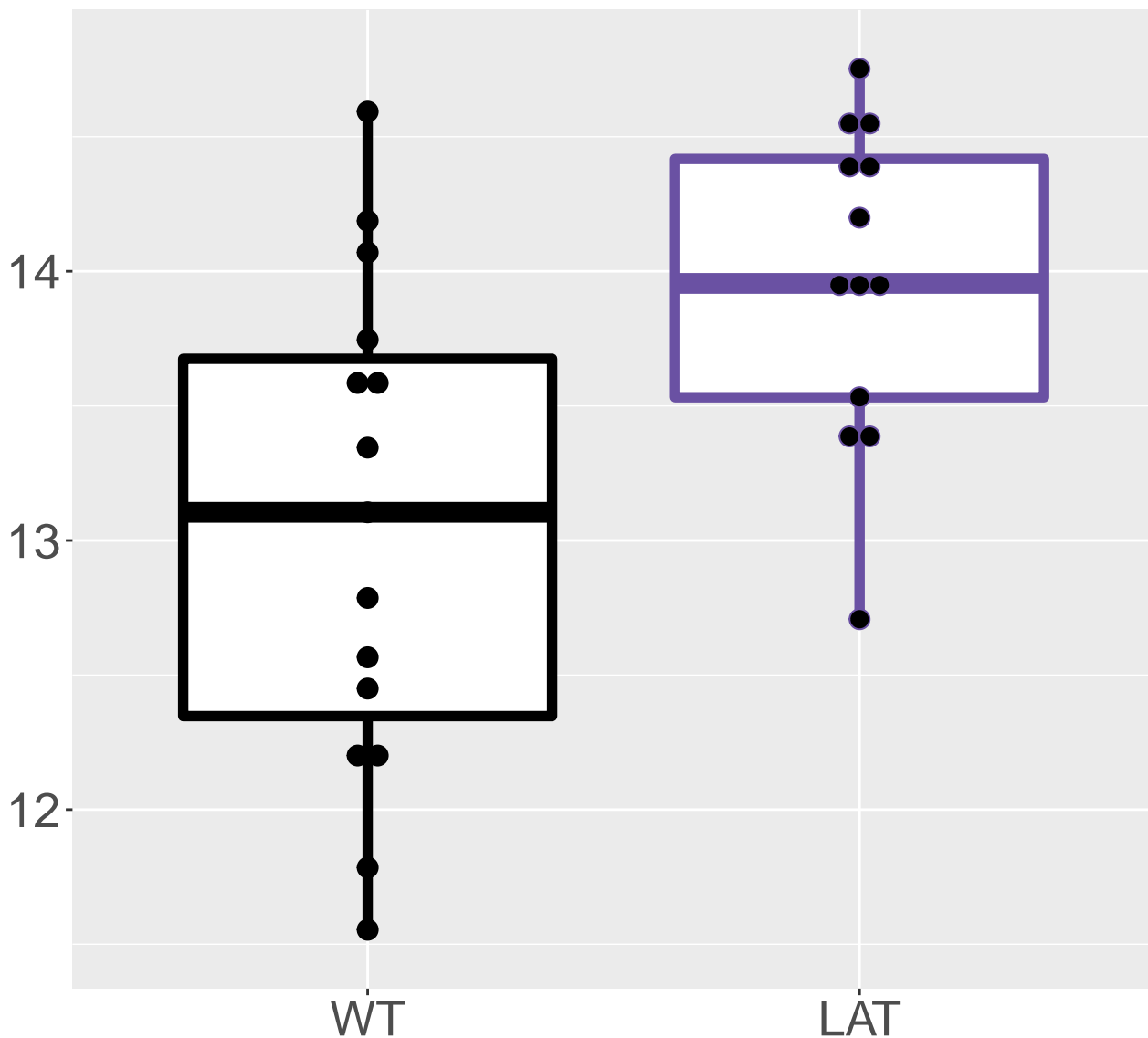


**FDR = 0.0024, FC = 0.32**



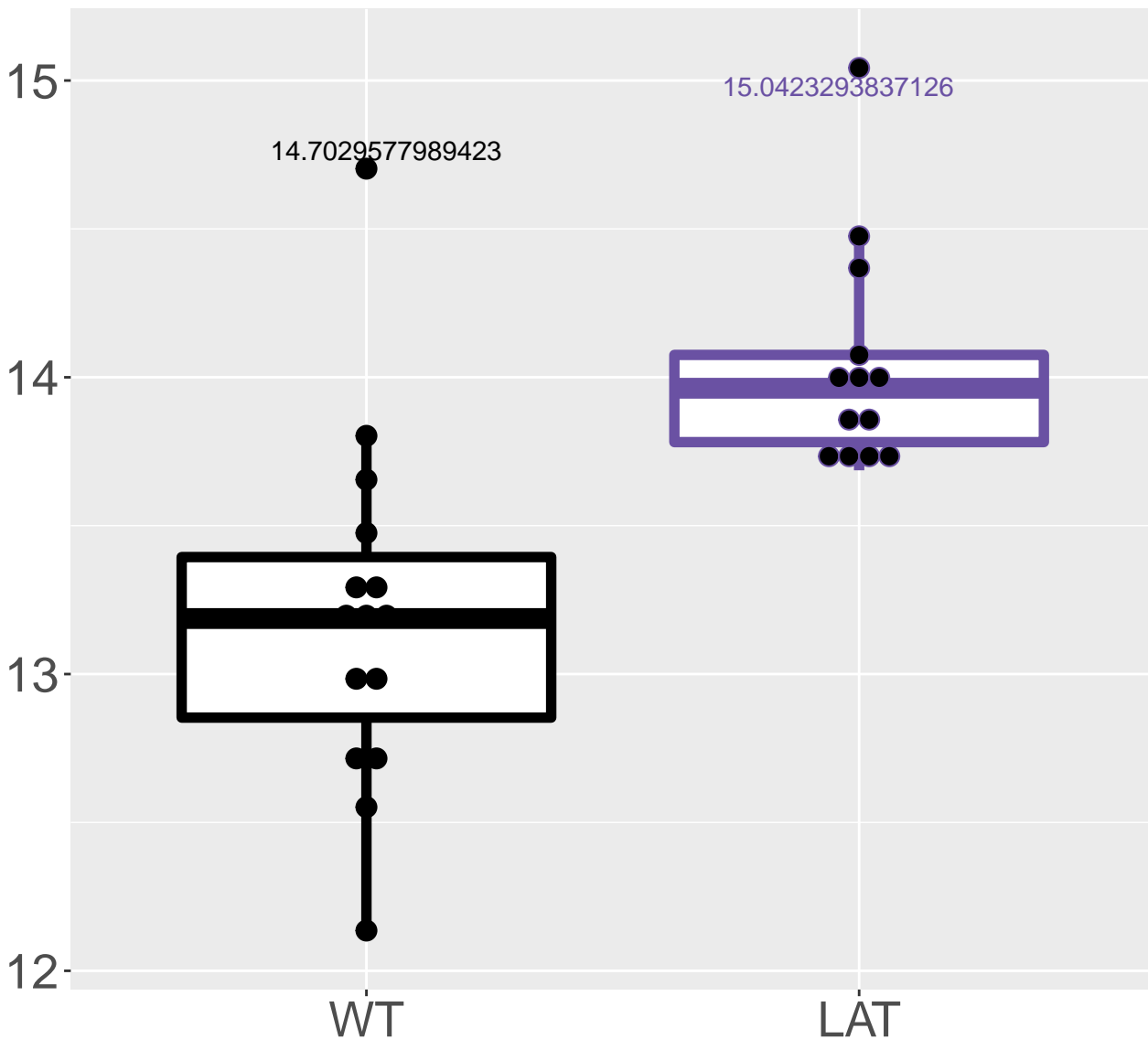
**M350.0735T523.85**

**FDR = 0.0025, FC = 0.93, sex\*\*\***



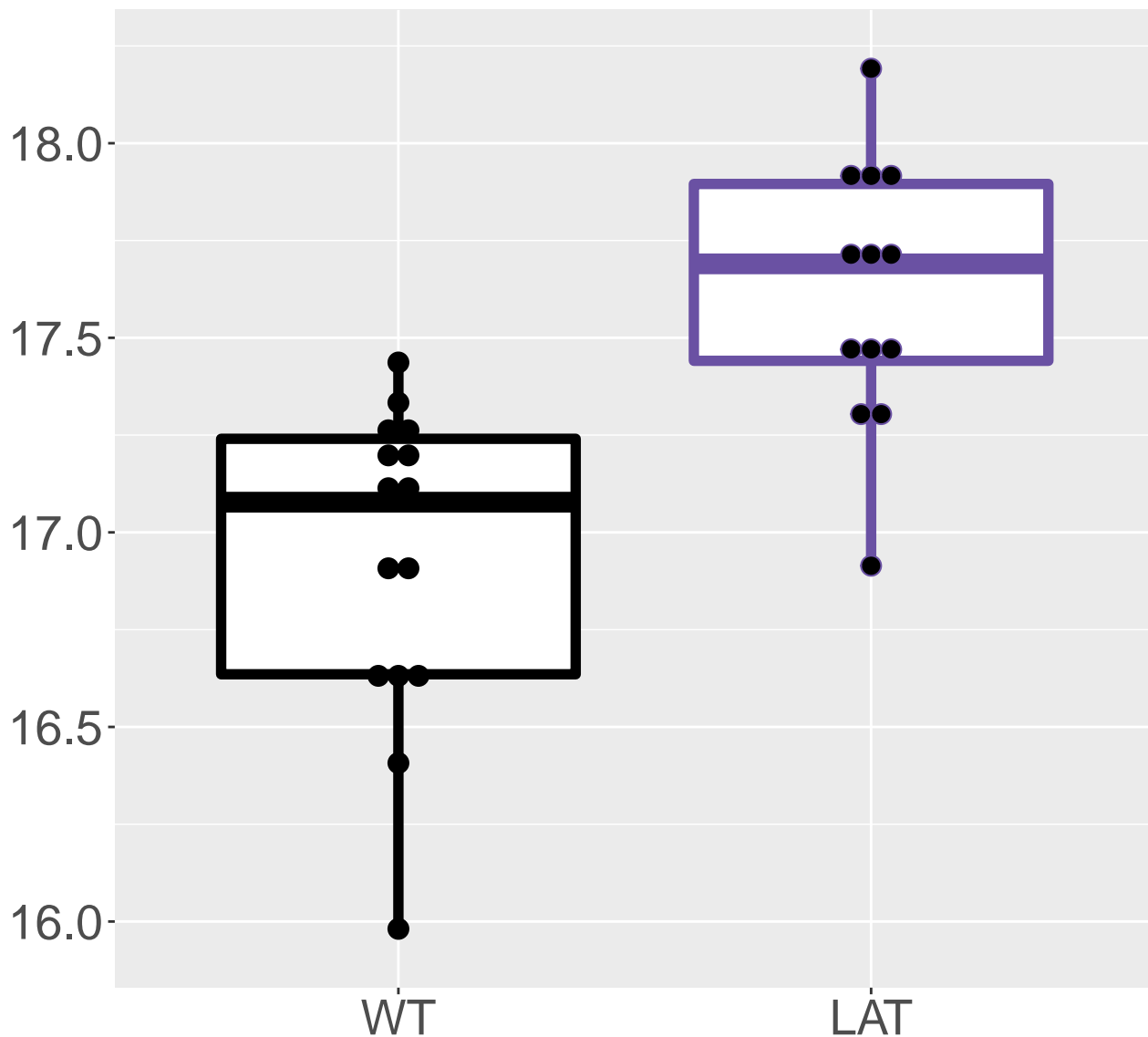


**M247.0466T624.11**  
**FDR = 0.0025, FC = 0.85**



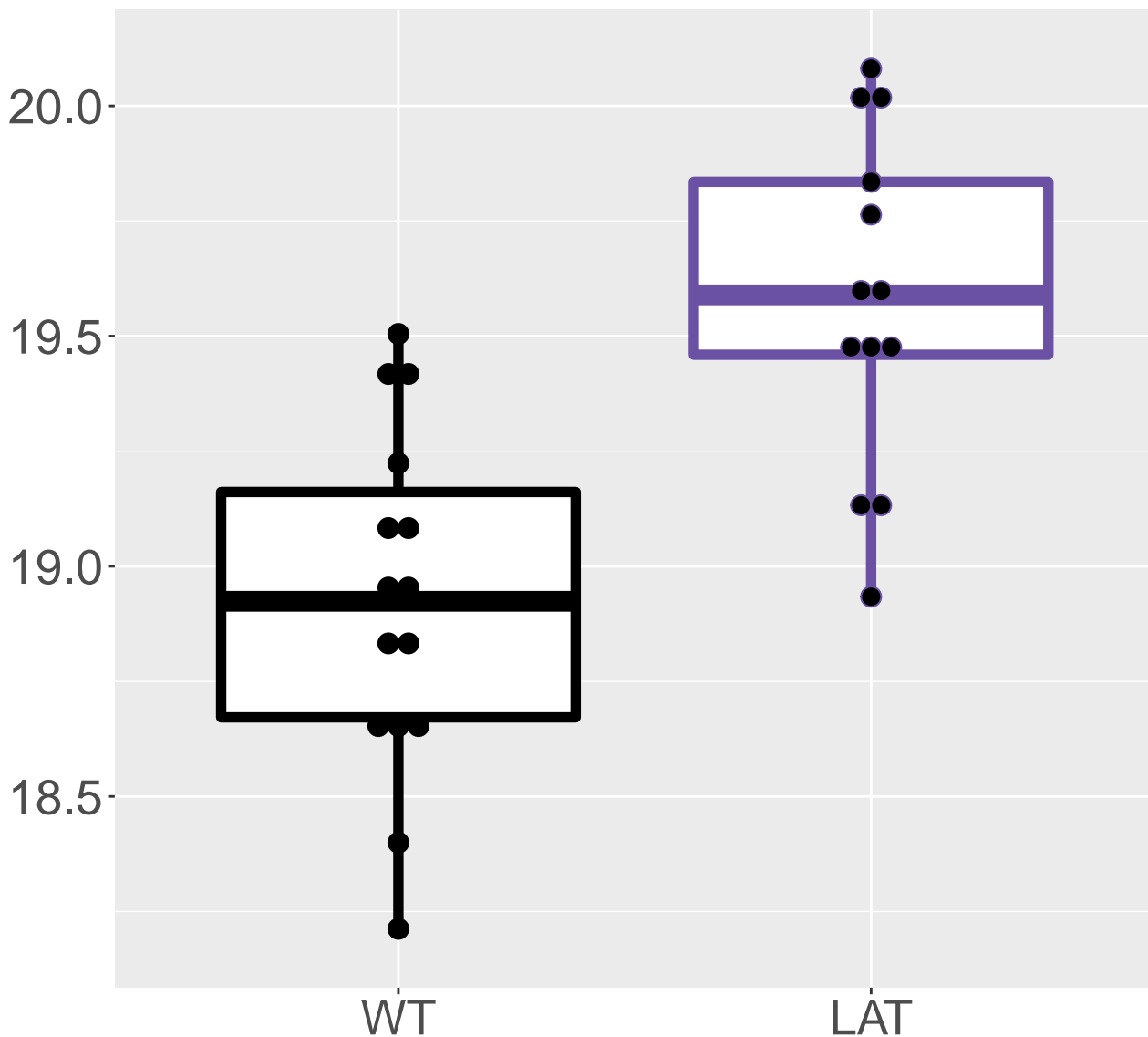
**M397.8992T993.49\_1**

**FDR = 0.0025, FC = 0.68**



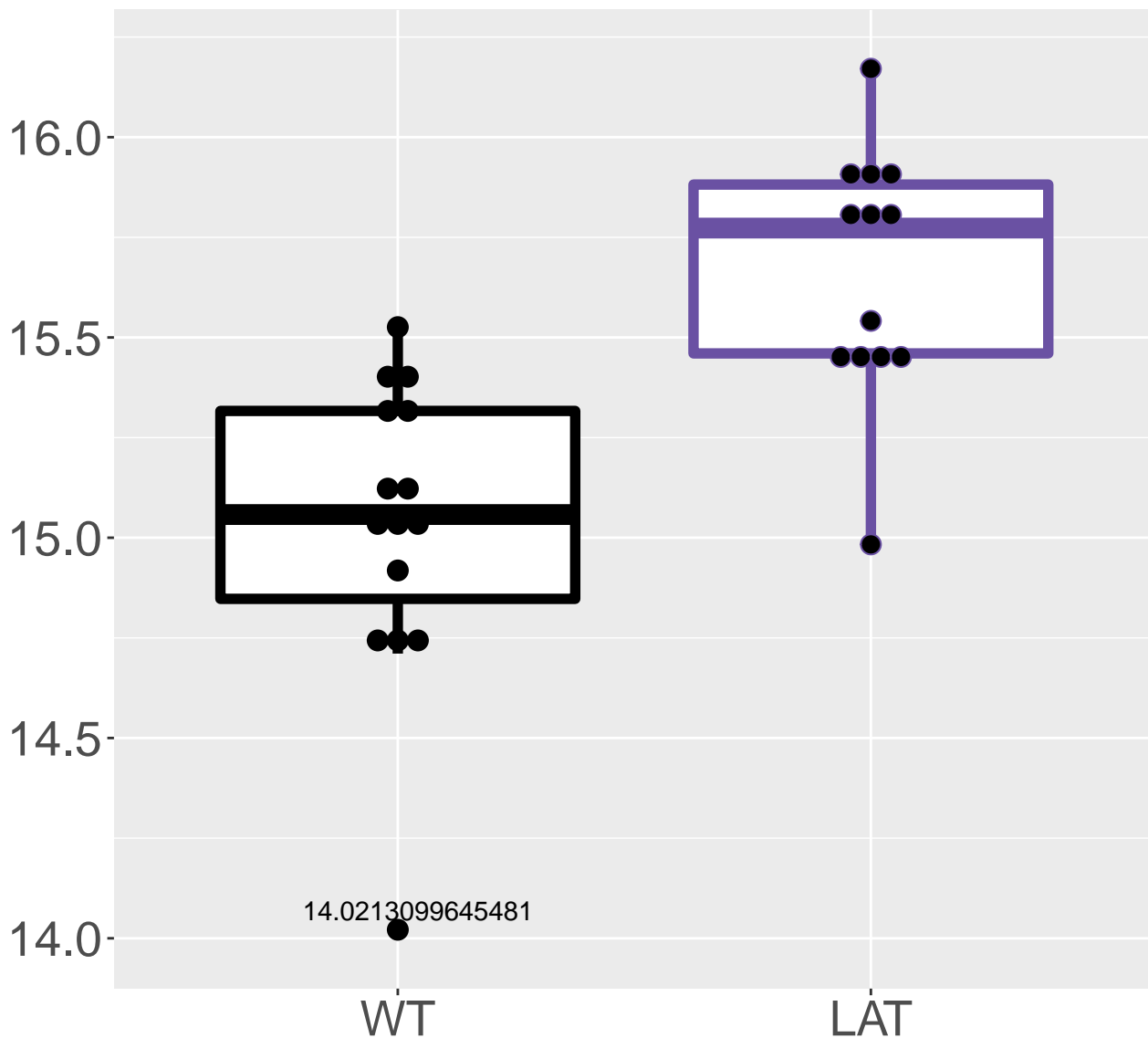
**M193.0136T453.67**

**FDR = 0.0025, FC = 0.65**



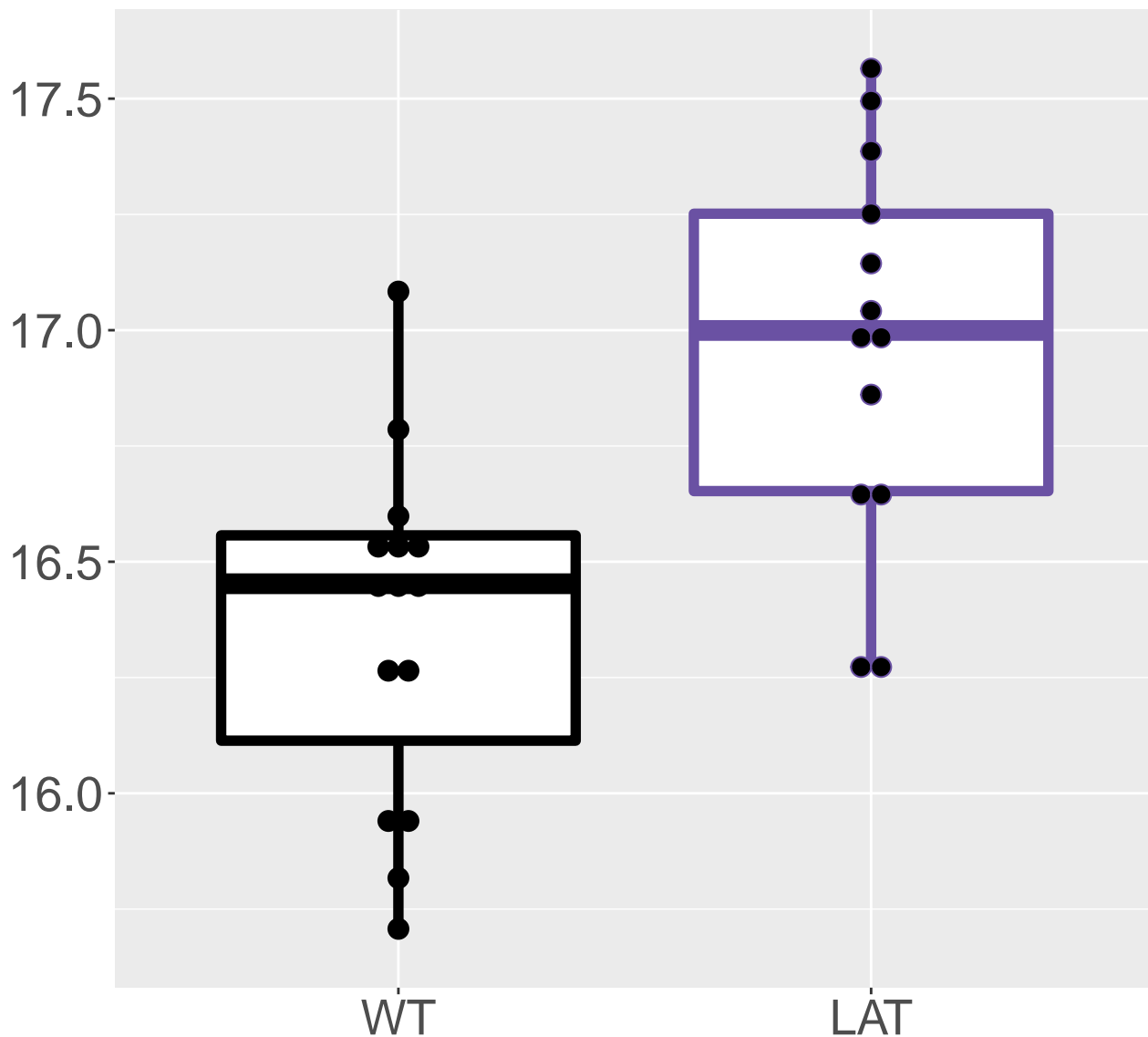
**M355.429T993.49**

**FDR = 0.0025, FC = 0.63**



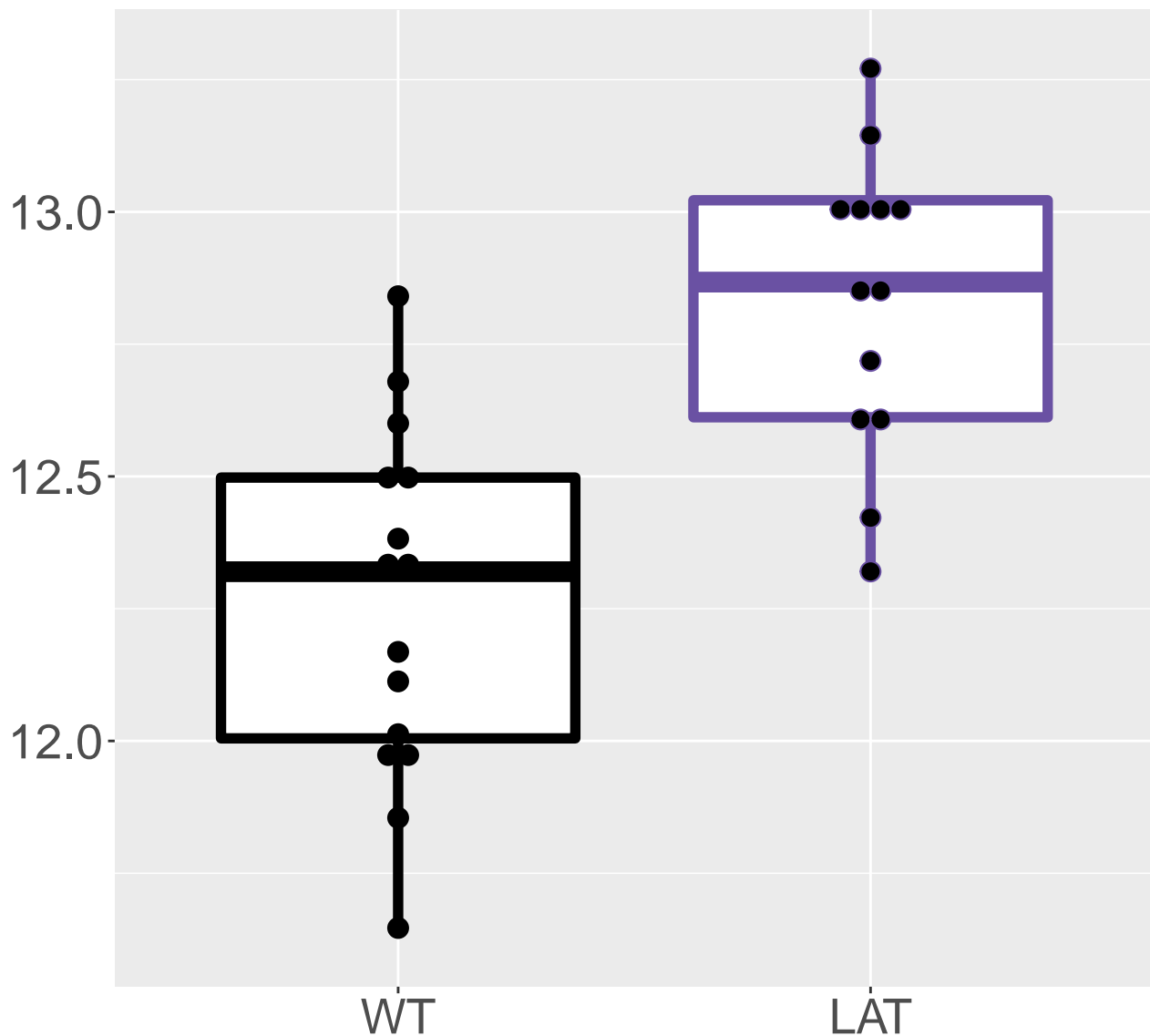
**M270.0659T496.9**

**FDR = 0.0025, FC = 0.61, sex\***

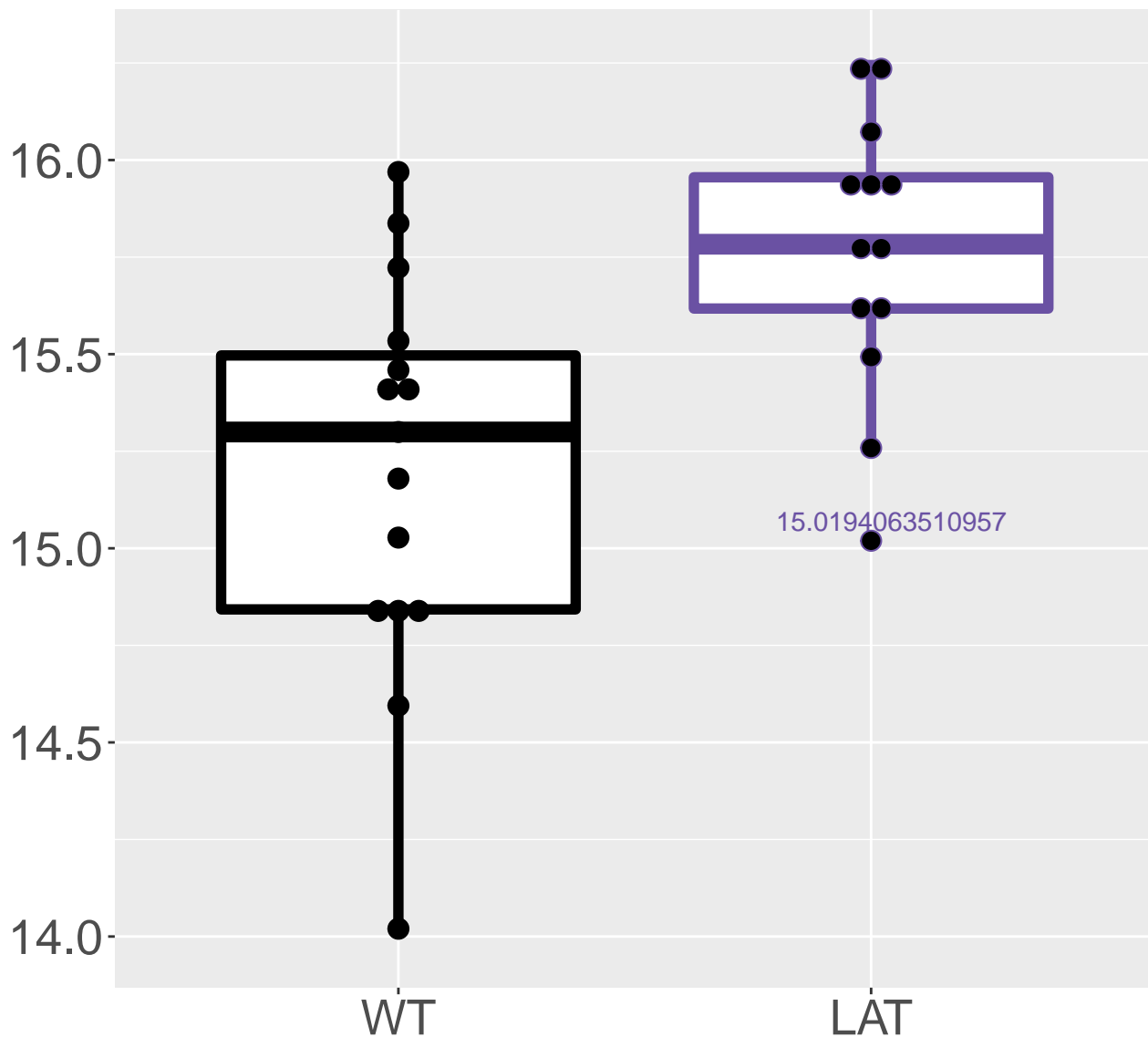


**M588.7652T1023.9**

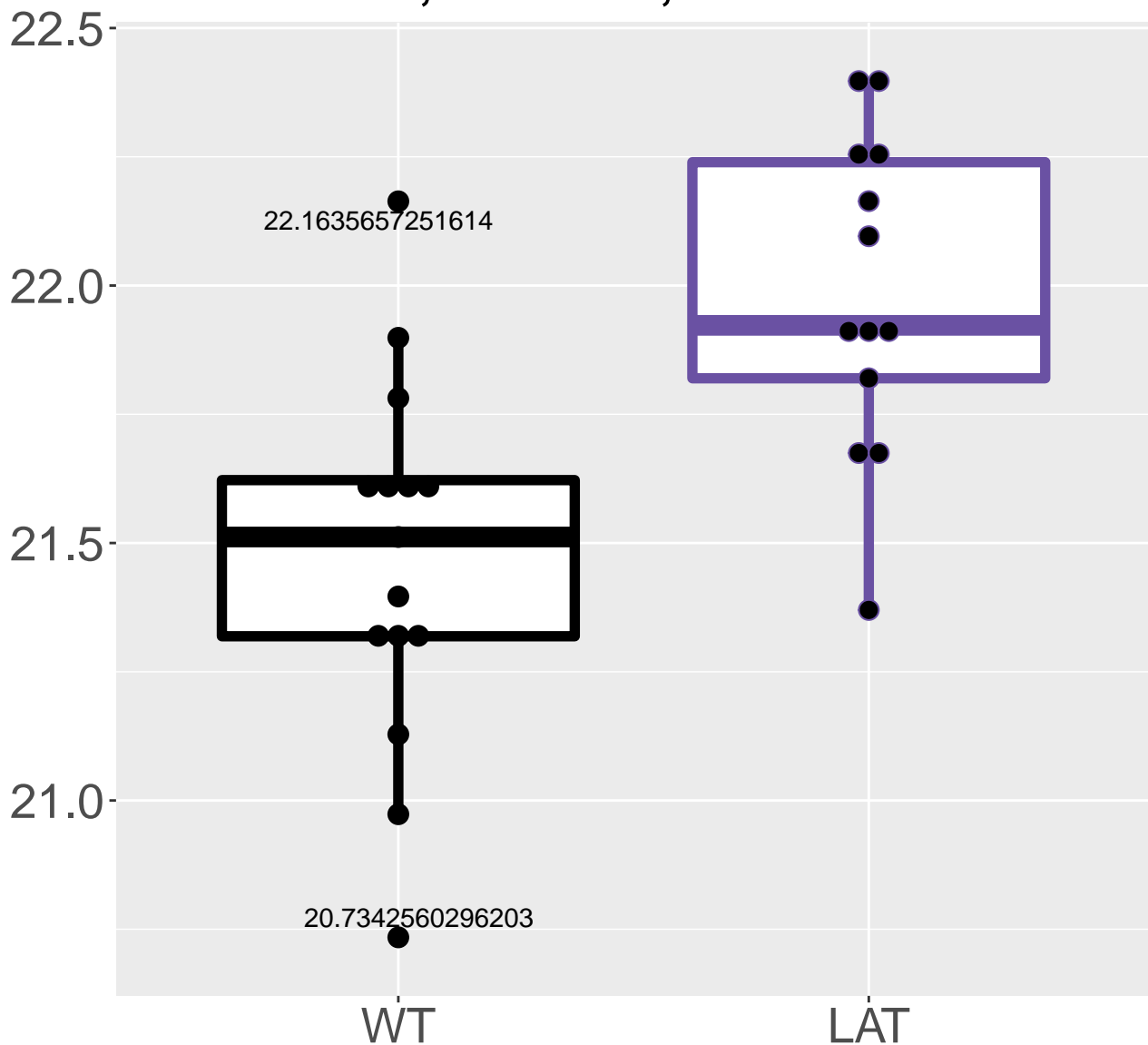
**FDR = 0.0025, FC = 0.57**



**Indole-3-carboxylic acid|2,4-Quinolinediol|In**  
**FDR = 0.0025, FC = 0.56, sex\*\***

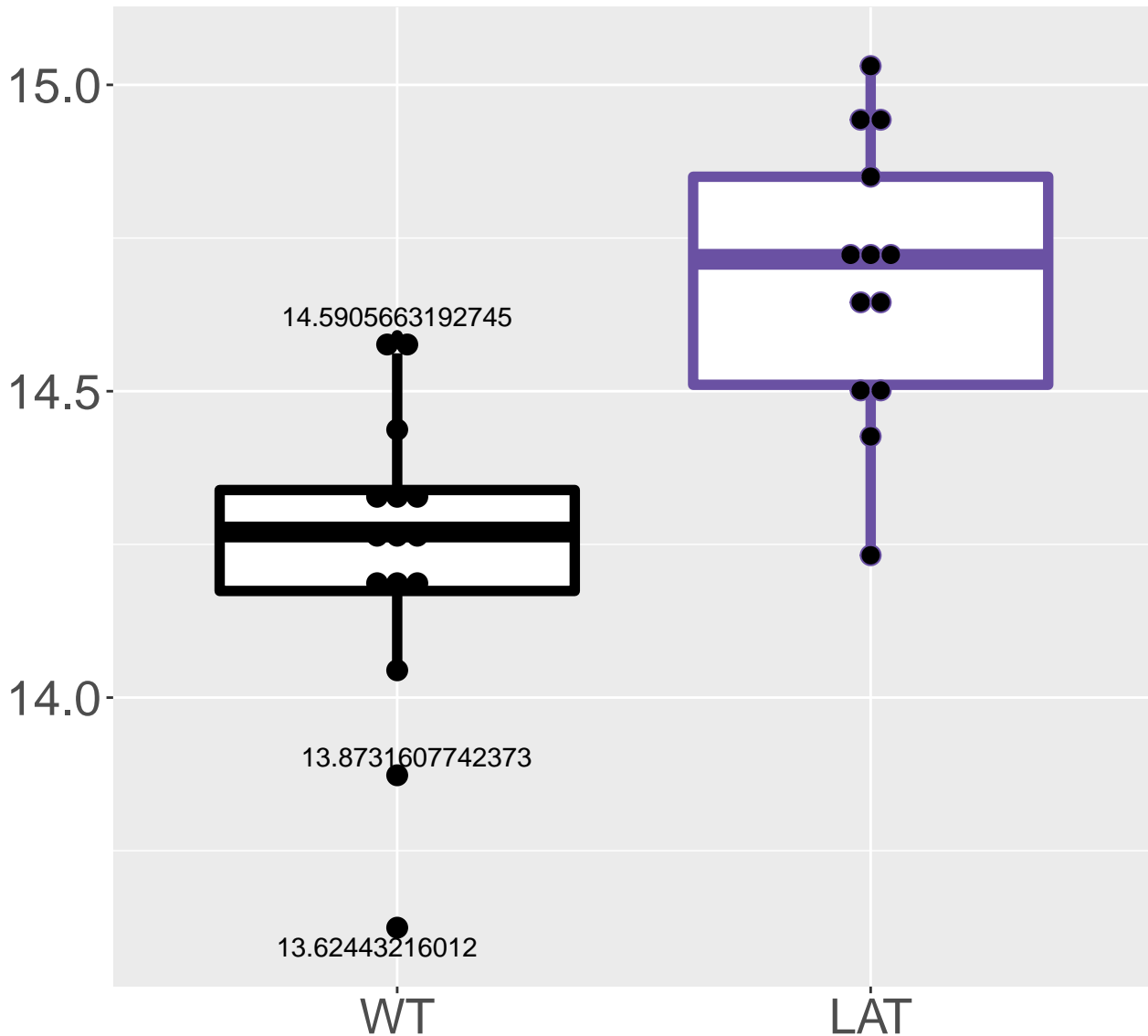


**DL-p-Hydroxyphenyllactic acid;4-Hydroxyphenyl**  
**FDR = 0.0025, FC = 0.52, sex\***

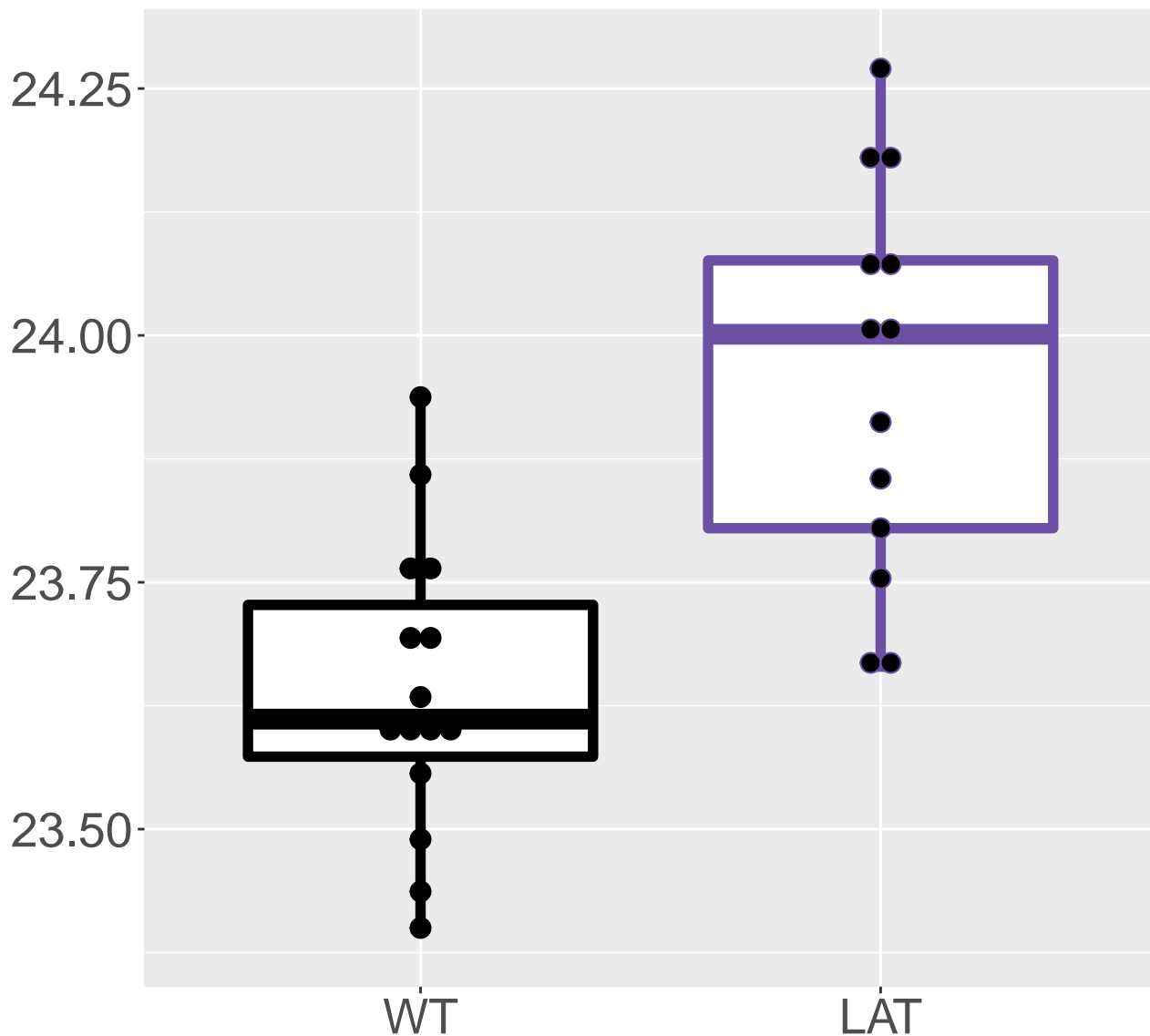




**M464.7646T1024.16**  
**FDR = 0.0025, FC = 0.45**

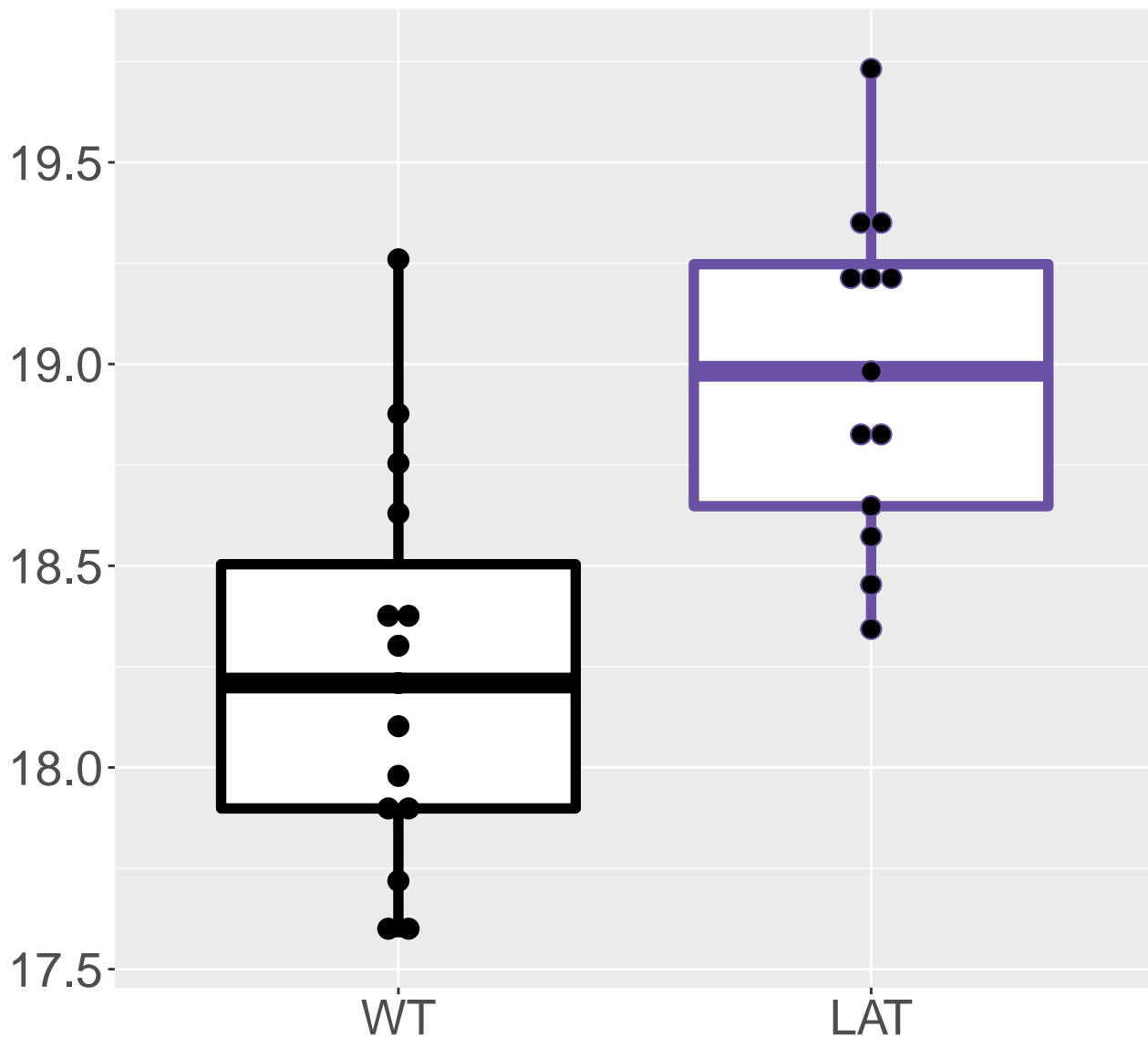


**cis-Aconitic acid|Dehydroascorbic acid|tran**  
**FDR = 0.0025, FC = 0.32**



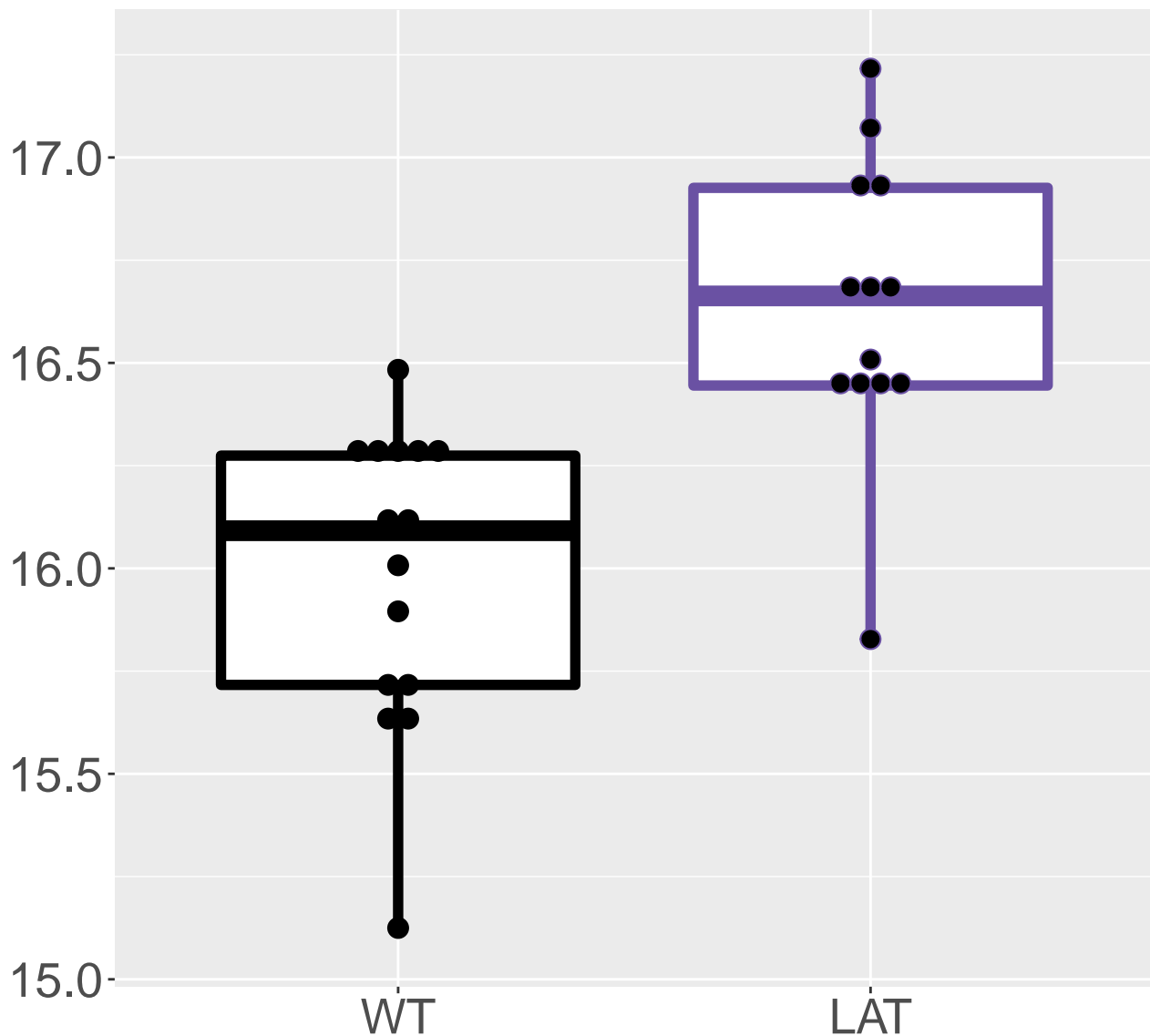
**M144.0668T492.63**

**FDR = 0.0026, FC = 0.74**

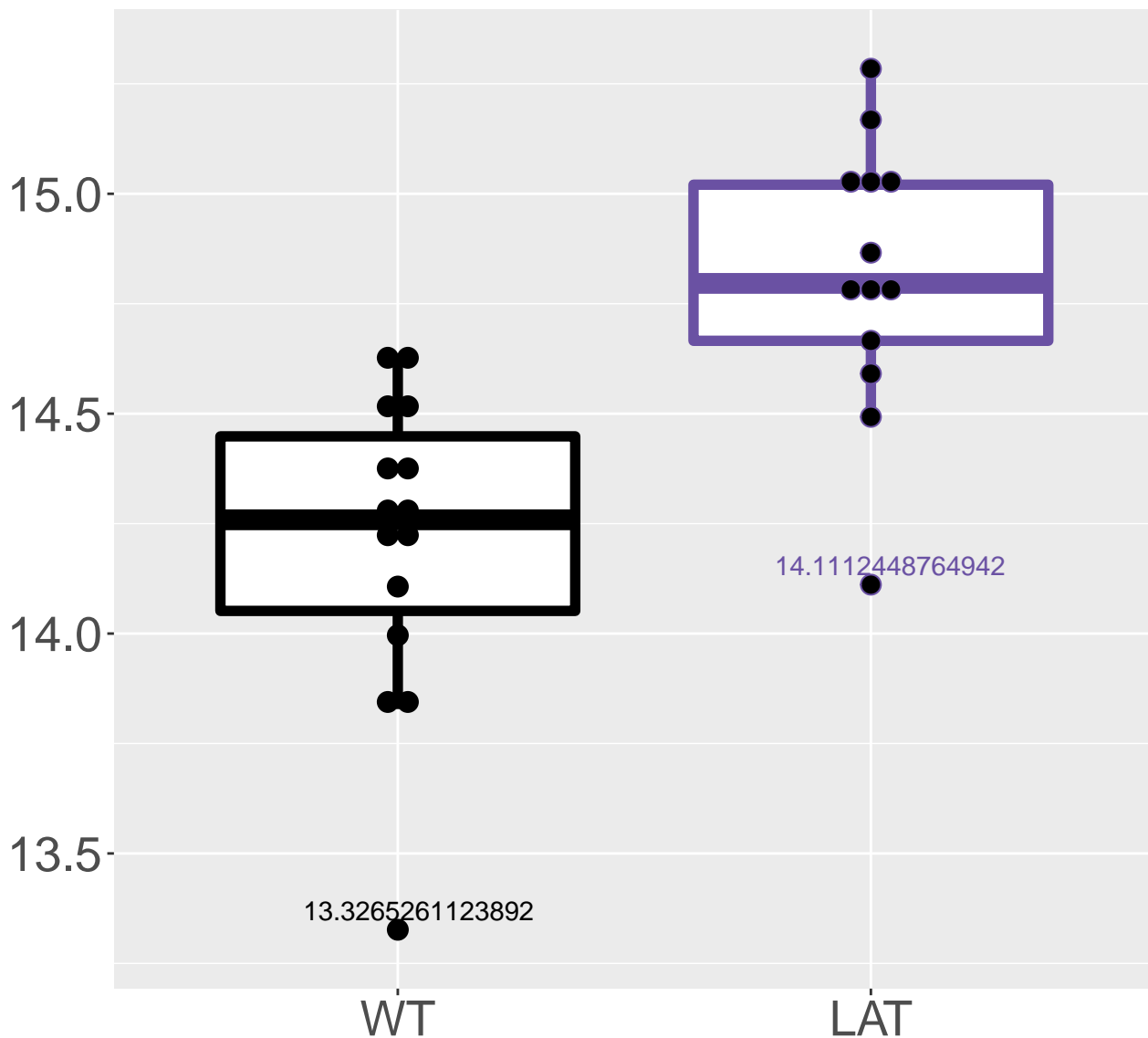


**M366.4198T993.49**

**FDR = 0.0026, FC = 0.65**

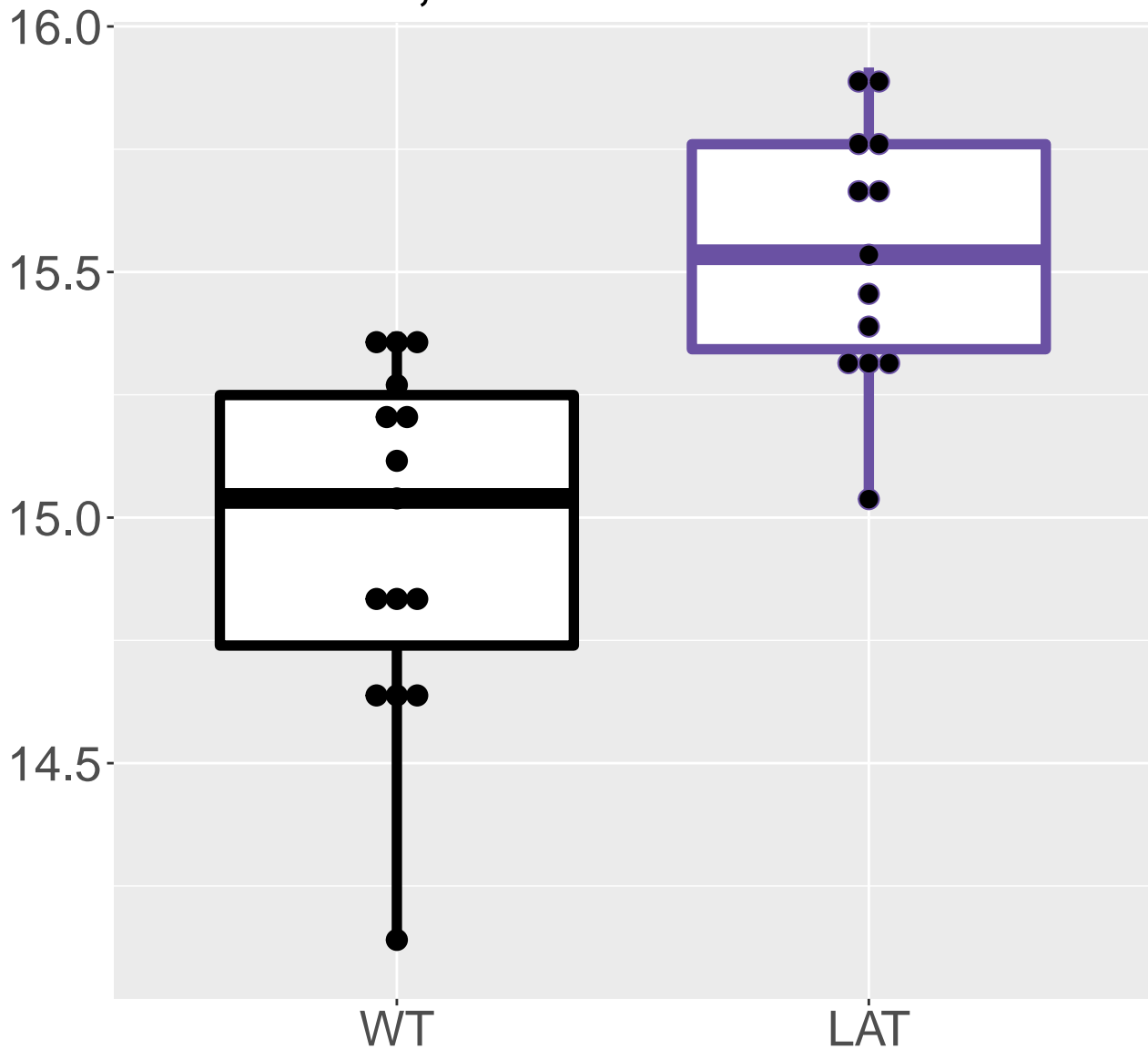


**M583.8923T993.46**  
**FDR = 0.0026, FC = 0.6**

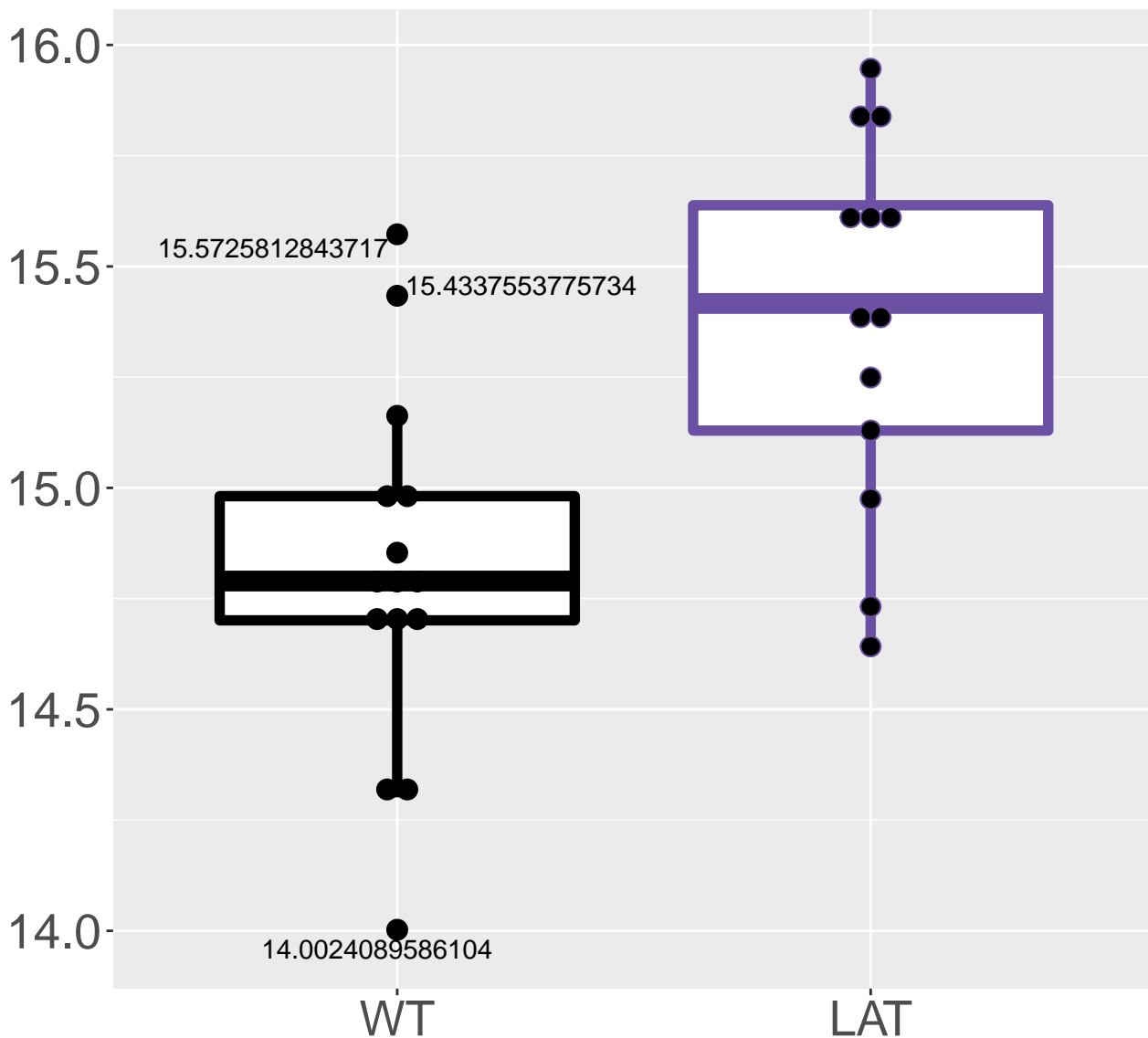


**M473.3682T993.64**

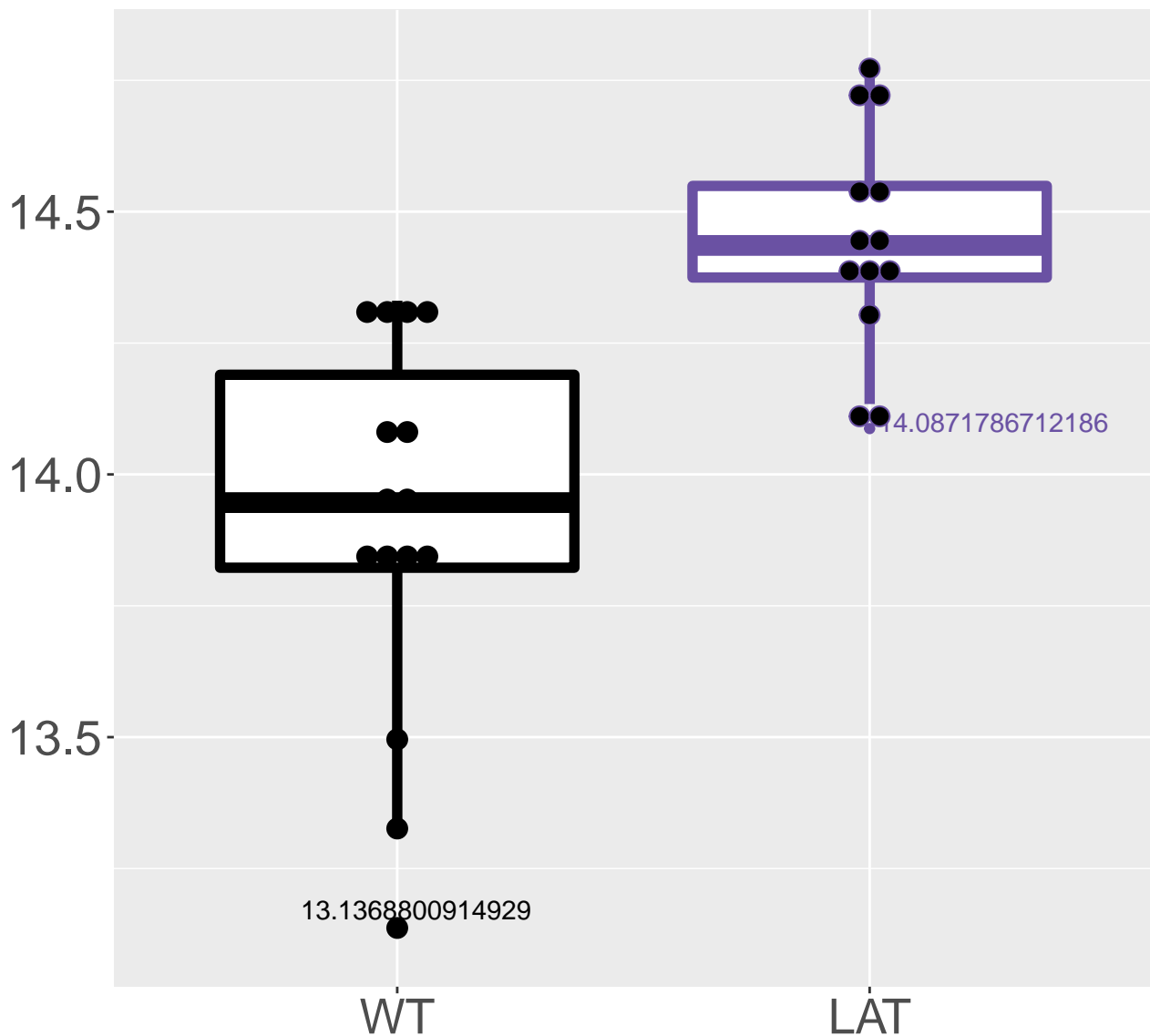
**FDR = 0.0026, FC = 0.58**



**FDR = 0.0026, FC = 0.57, sex\***



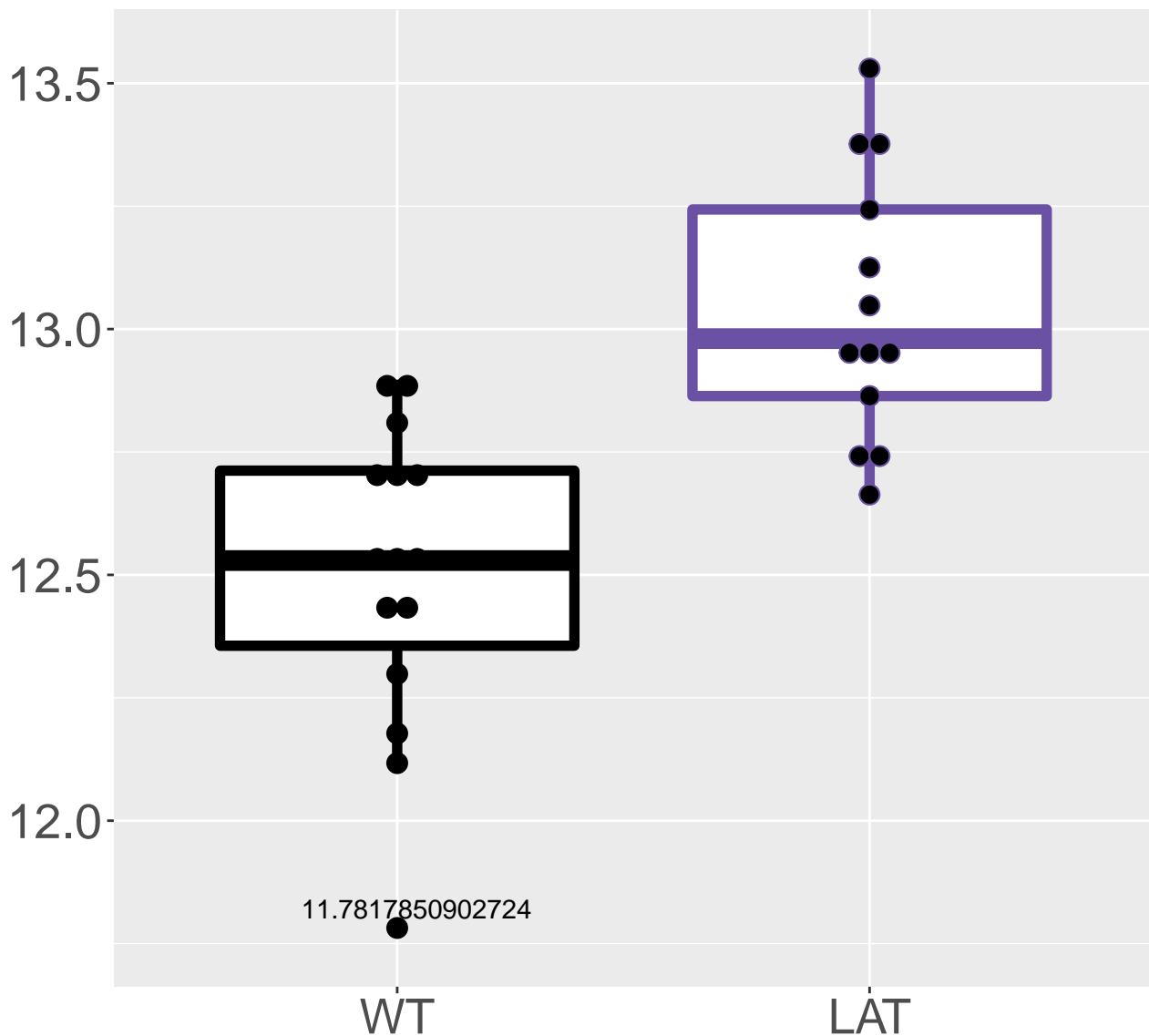
**FDR = 0.0026, FC = 0.54**





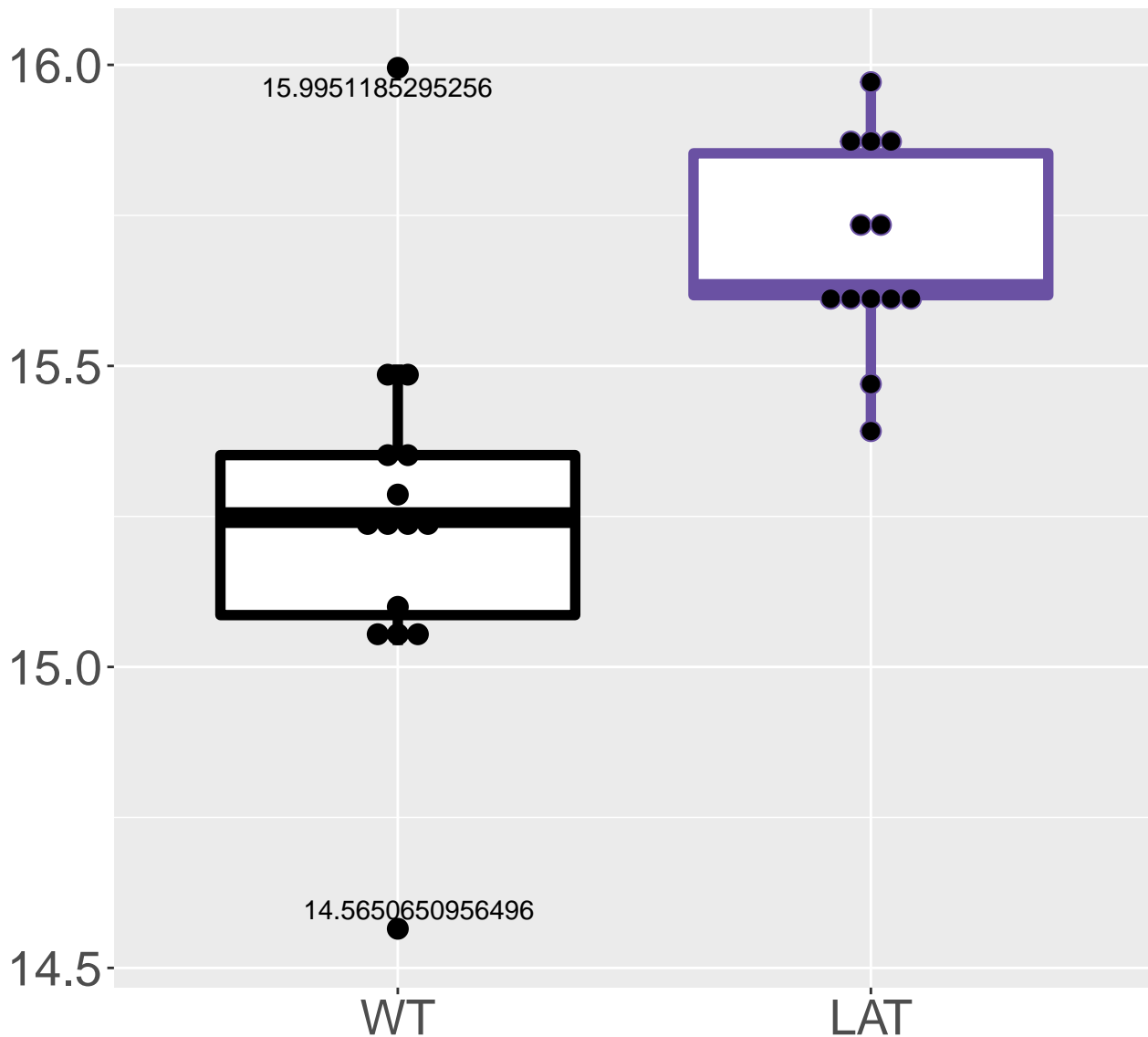
**M548.7471T1022.8**

**FDR = 0.0026, FC = 0.54**



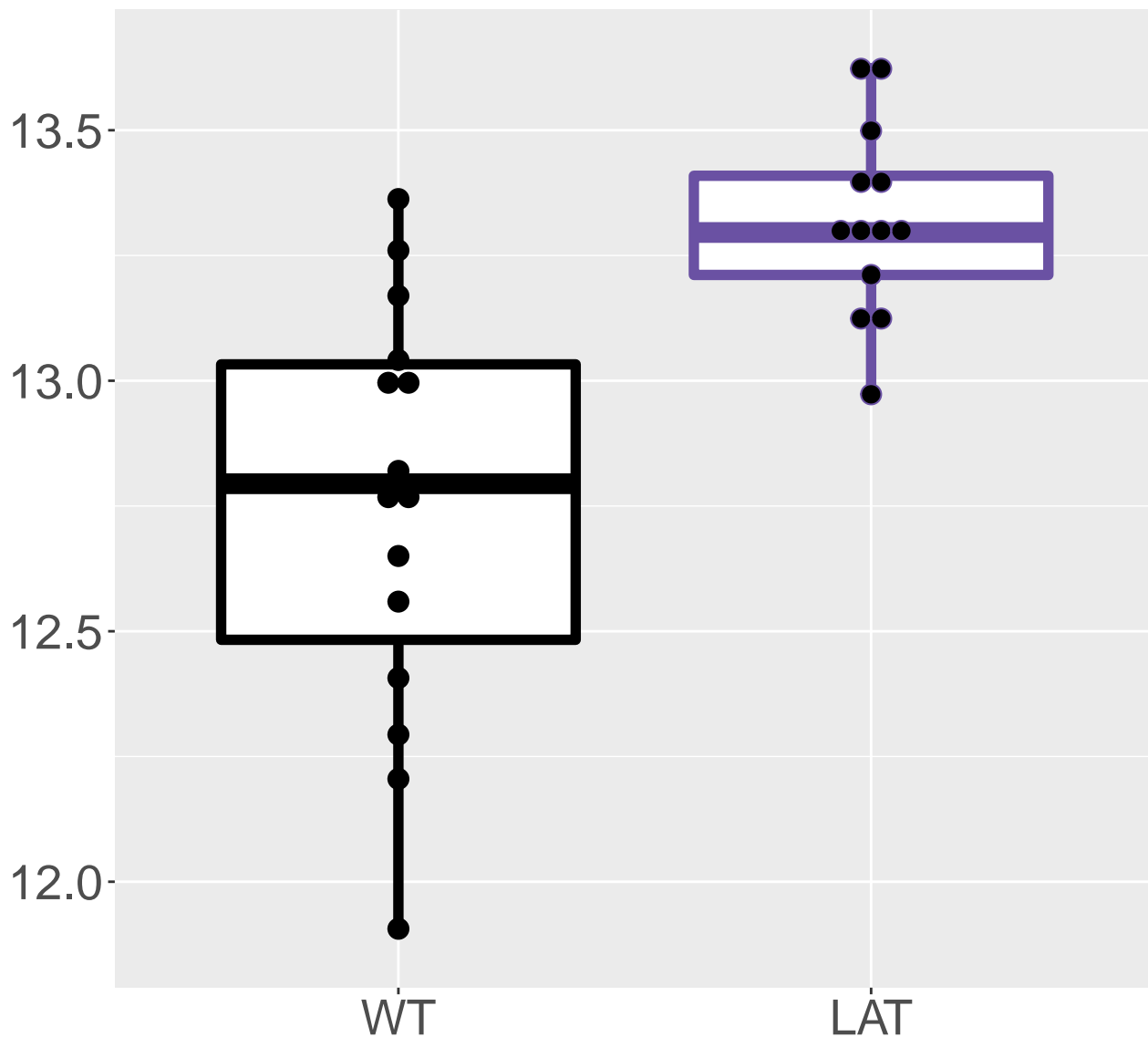
**M323.0627T531.38**

**FDR = 0.0026, FC = 0.44**

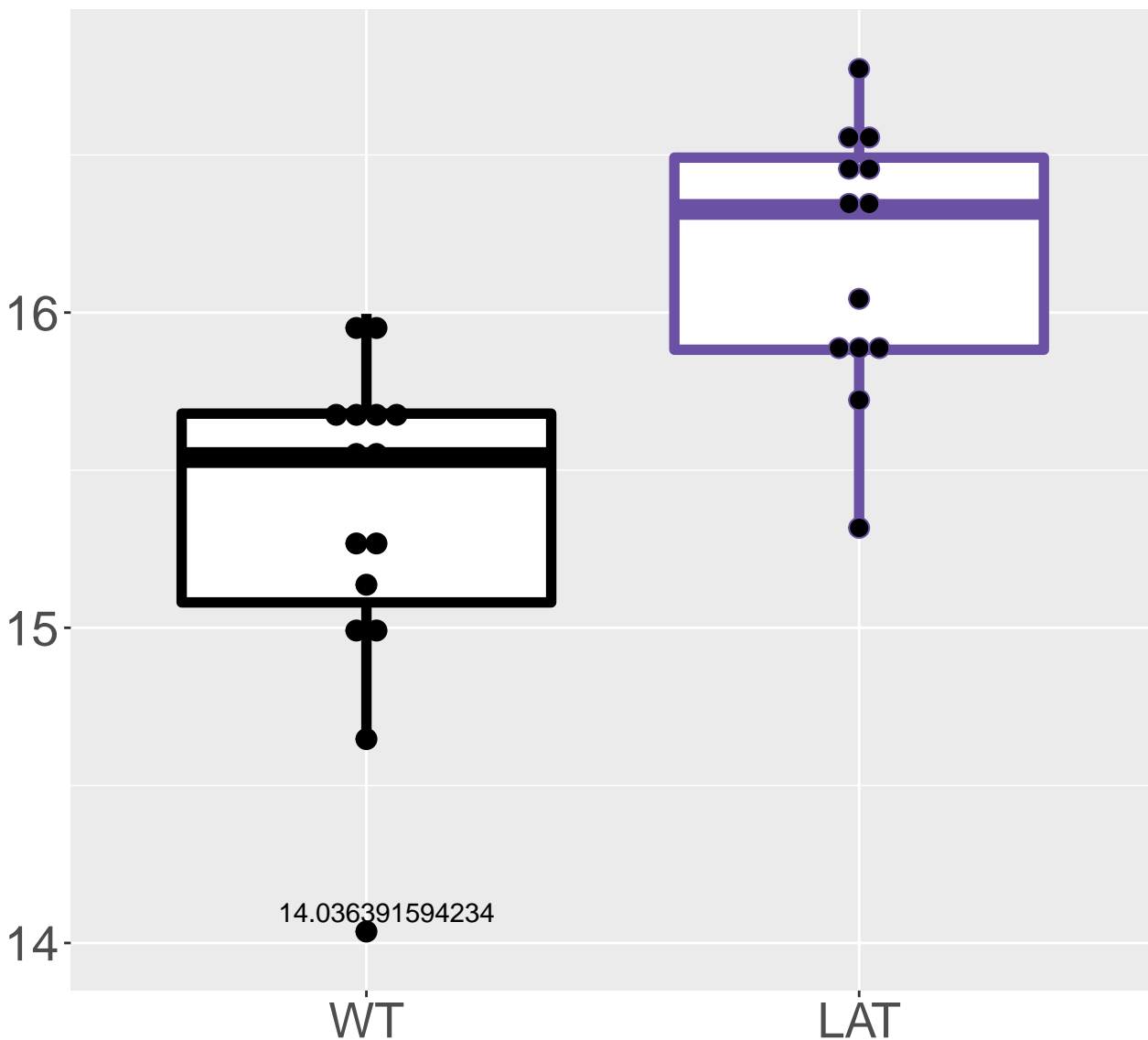


**M131.0239T611.98**

**FDR = 0.0027, FC = 0.57**

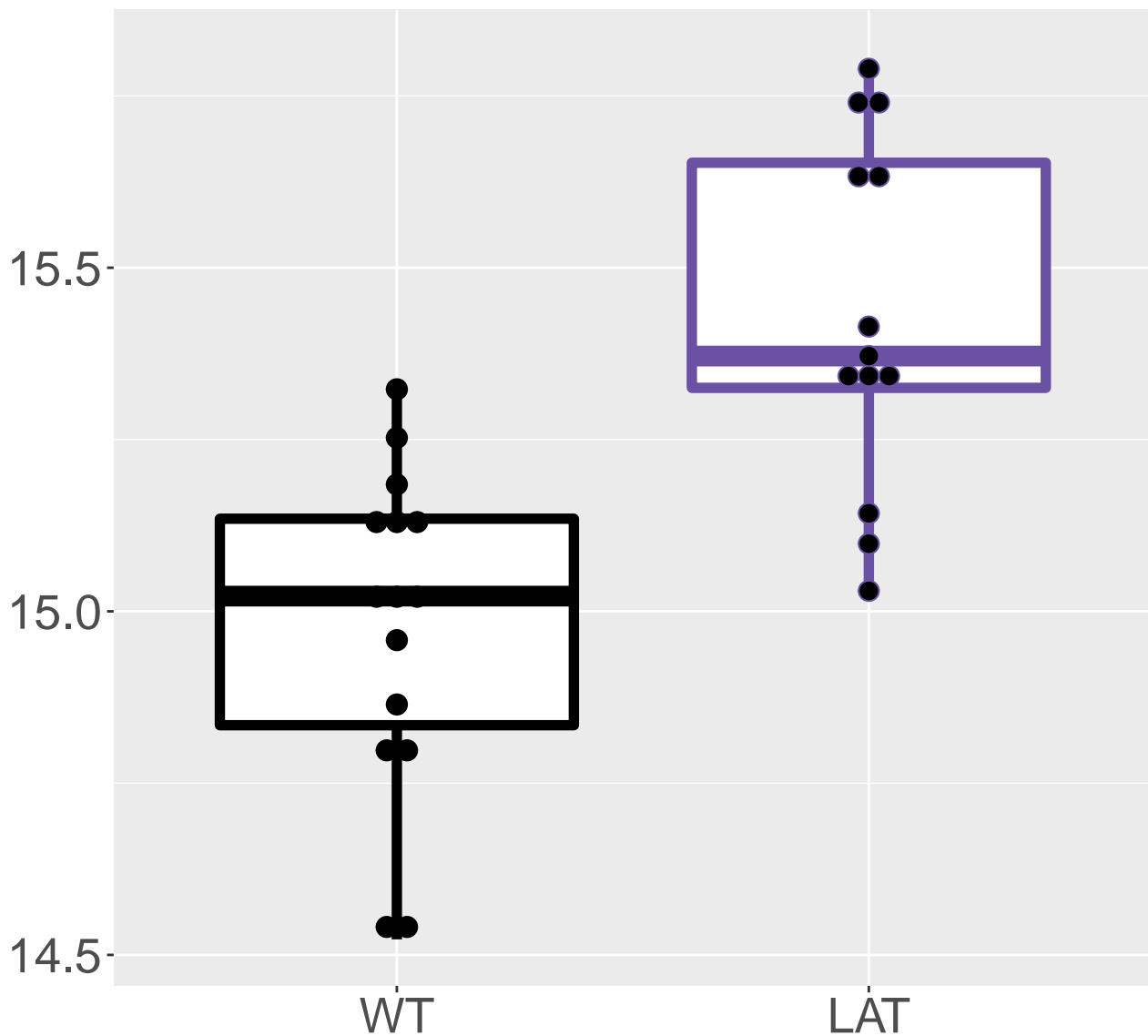


**FDR = 0.0028, FC = 0.83**



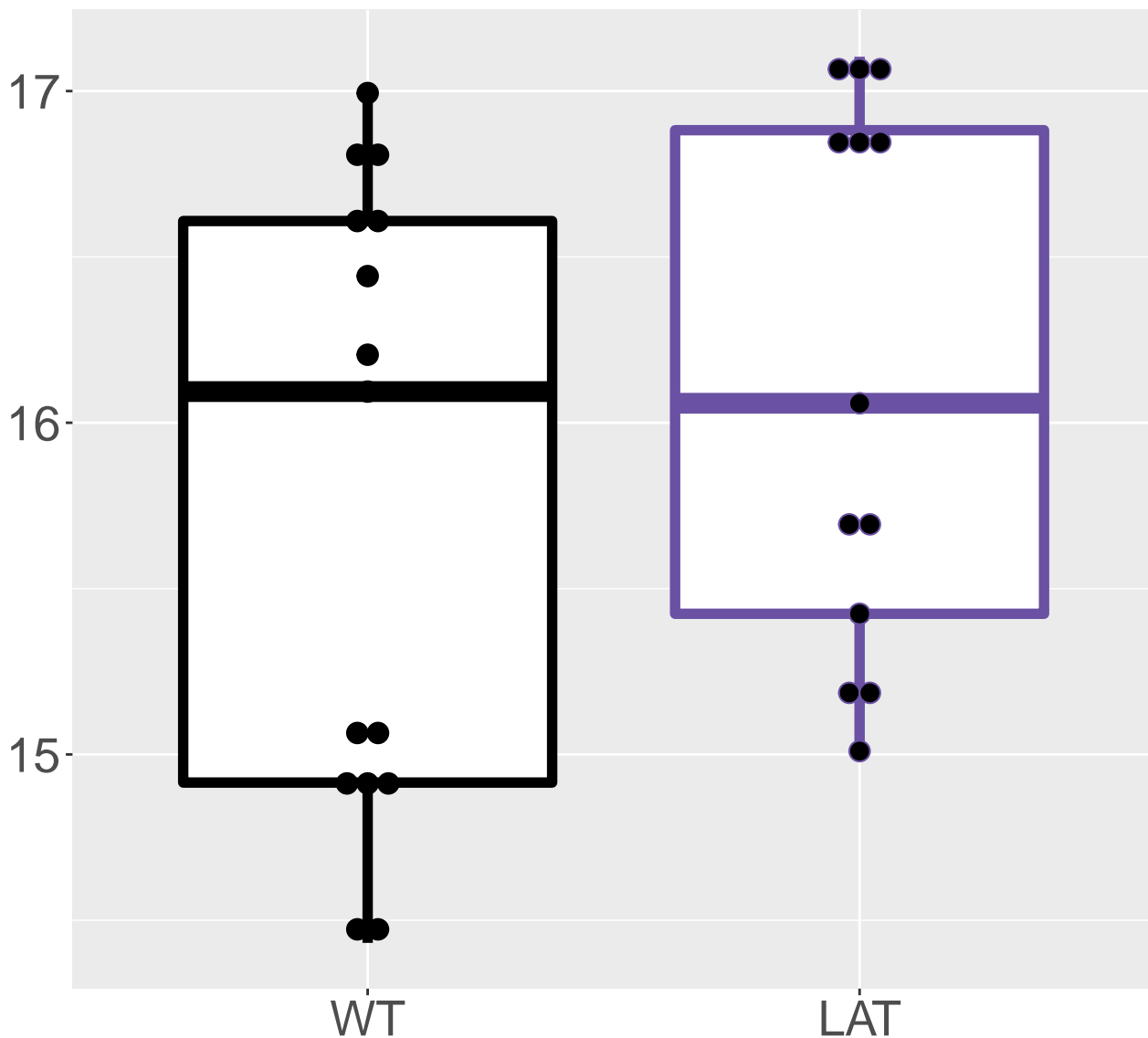
**M356.9522T993.69\_2**

**FDR = 0.0028, FC = 0.45**



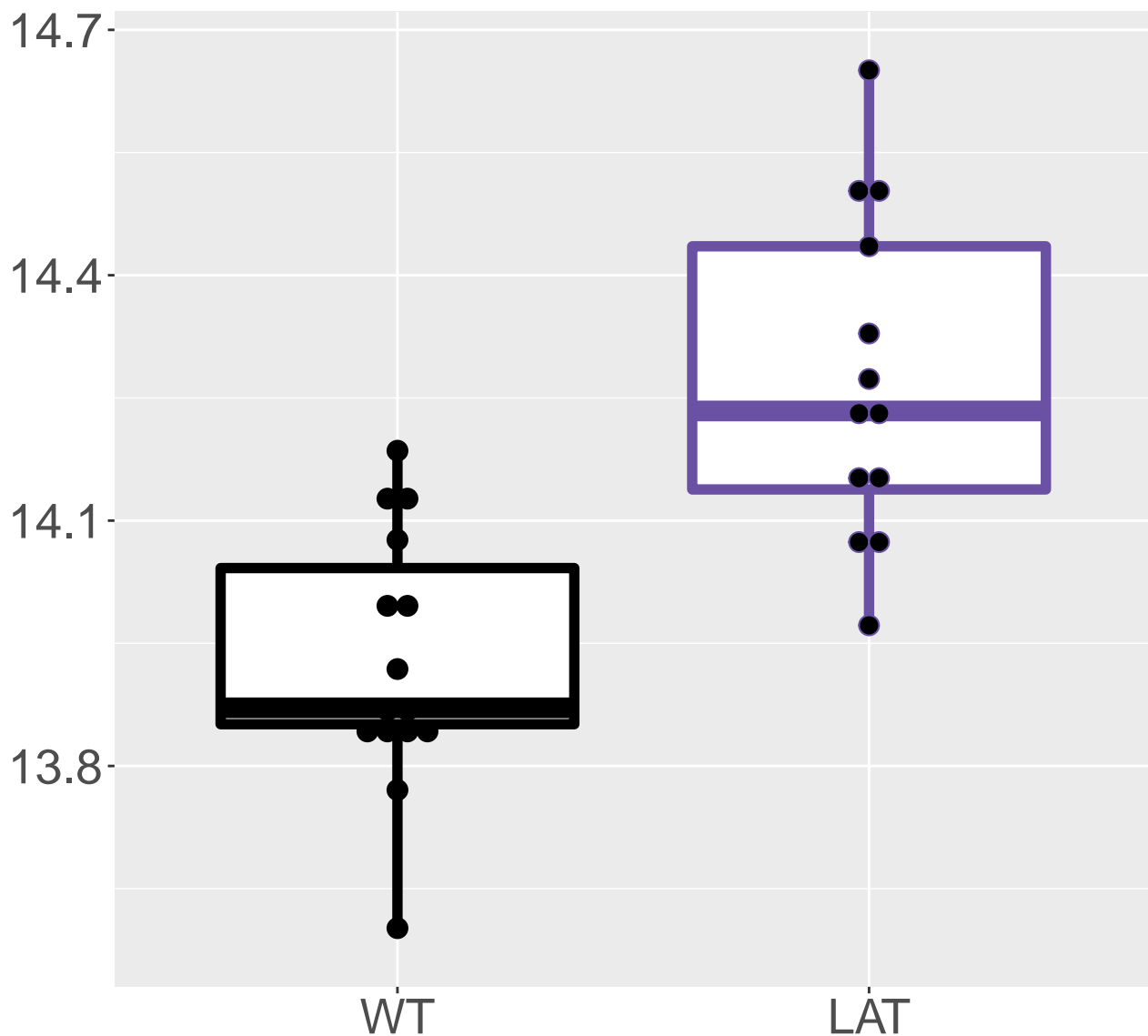
**M130.0184T148.57**

**FDR = 0.0028, FC = 0.4, sex\*\*\***



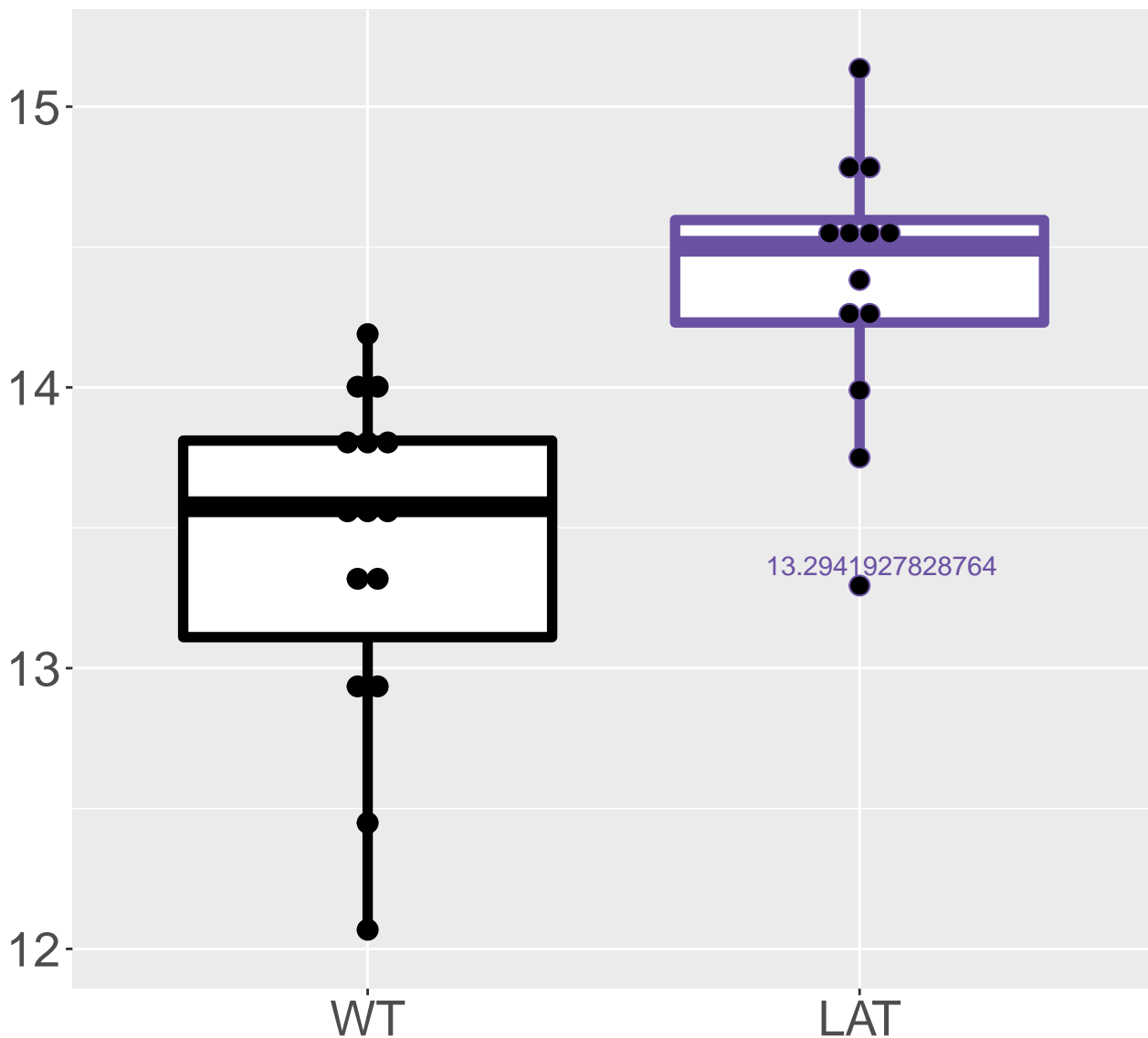
**M344.8242T1025.46**

**FDR = 0.0028, FC = 0.35**



**M884.7576T993.11**

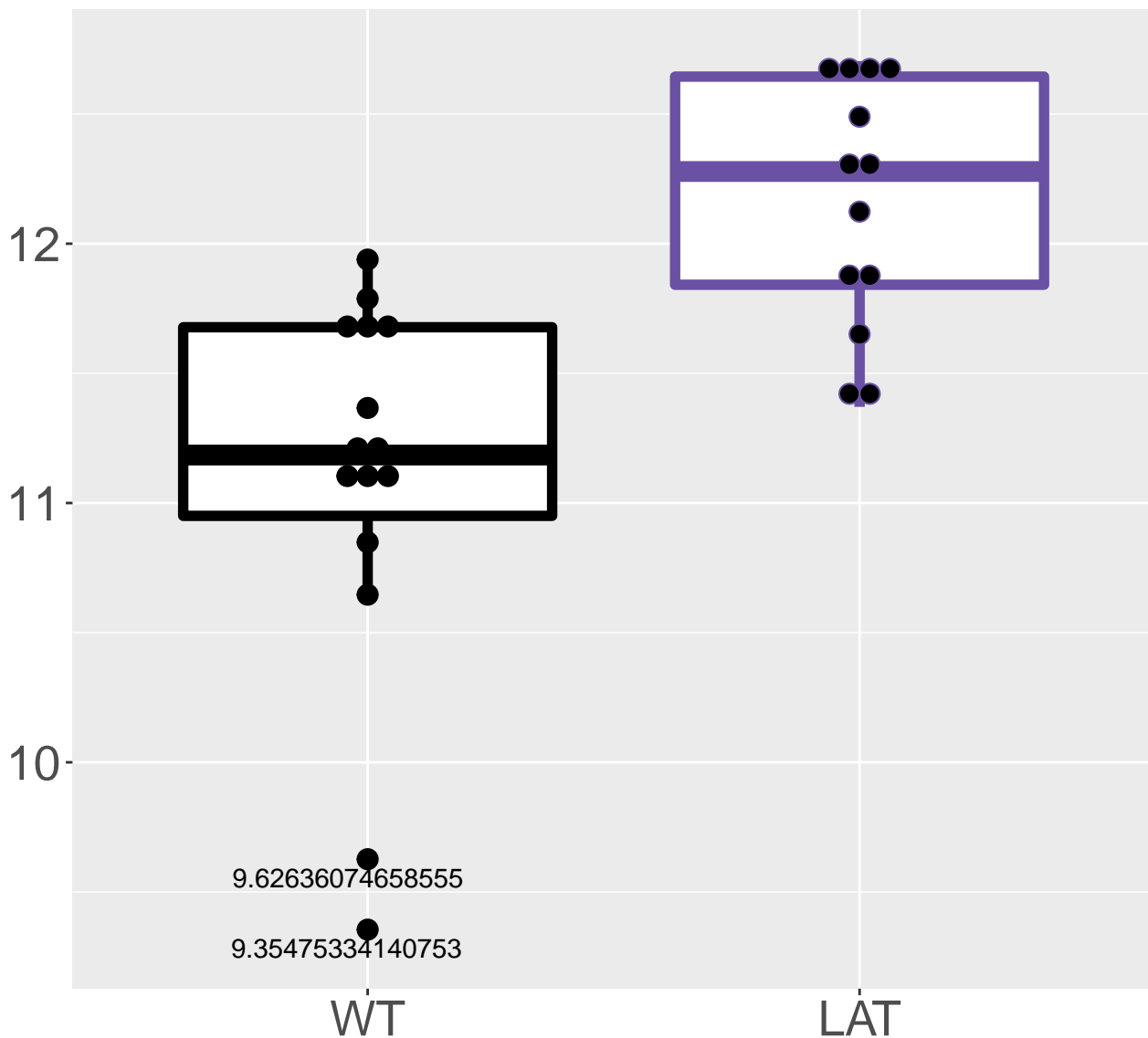
**FDR = 0.0028, FC = 0.96**





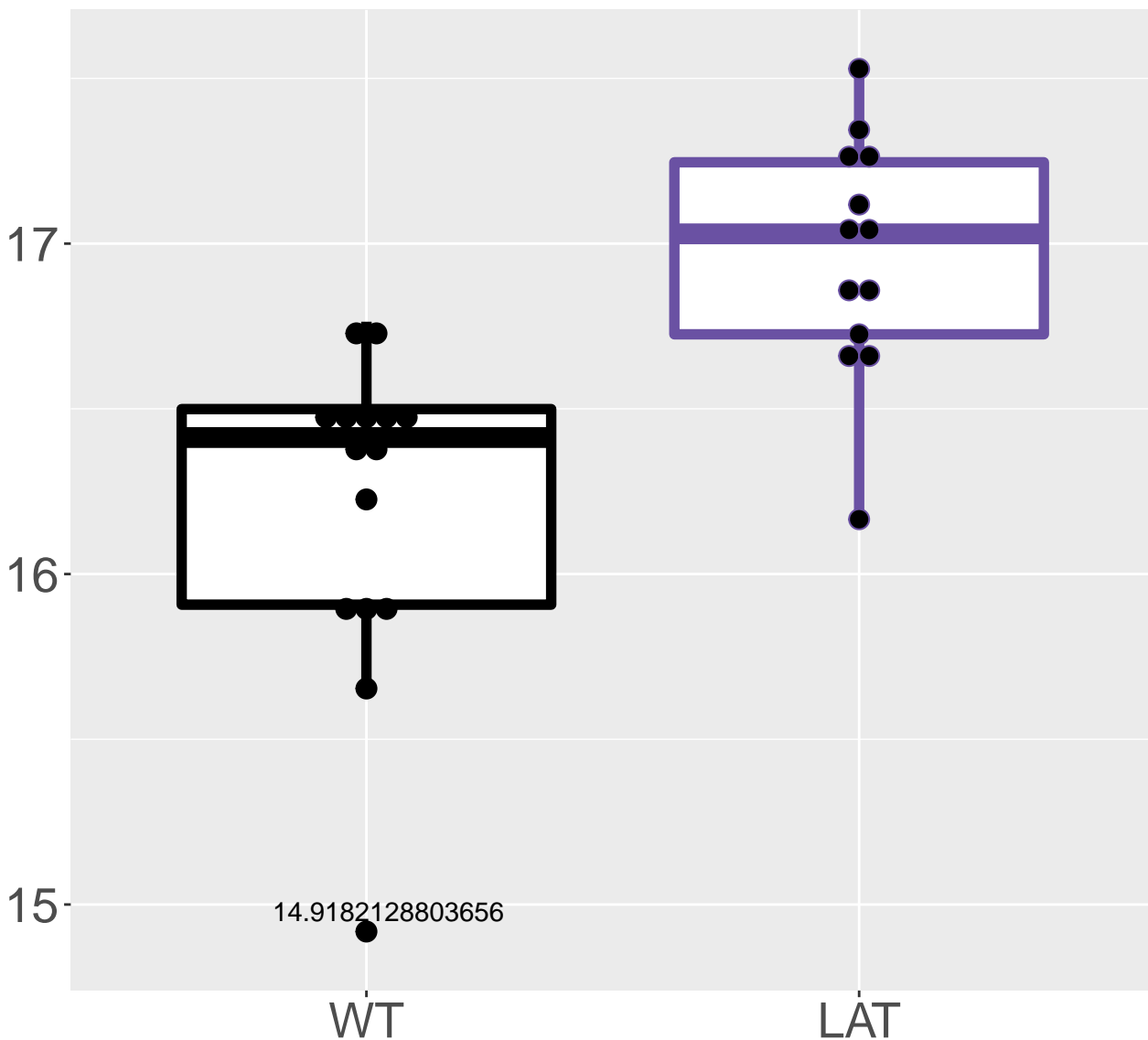
**M123.5083T638.96**

**FDR = 0.0028, FC = 1.1**

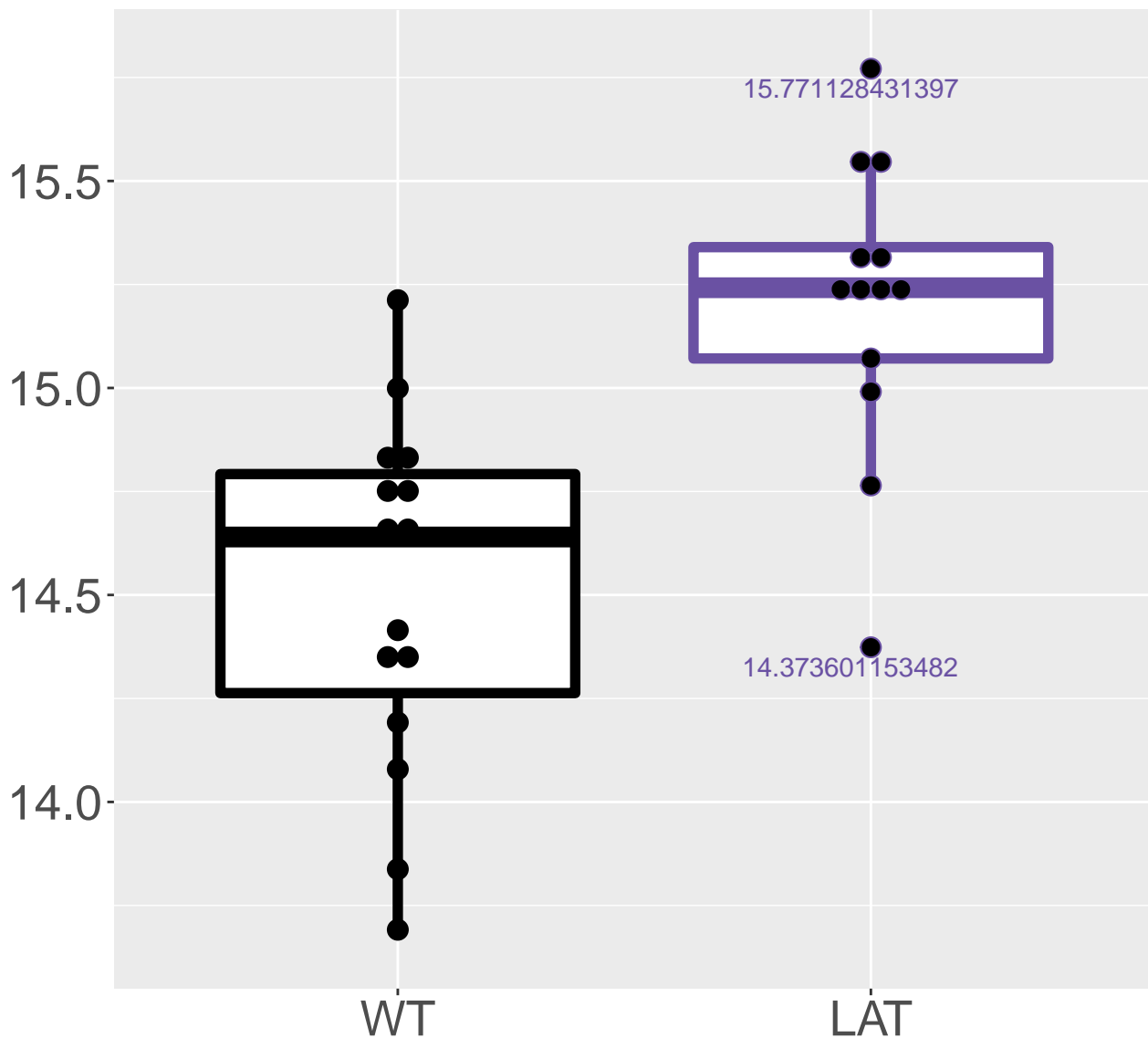


**M419.4024T993.37**

**FDR = 0.0028, FC = 0.76**

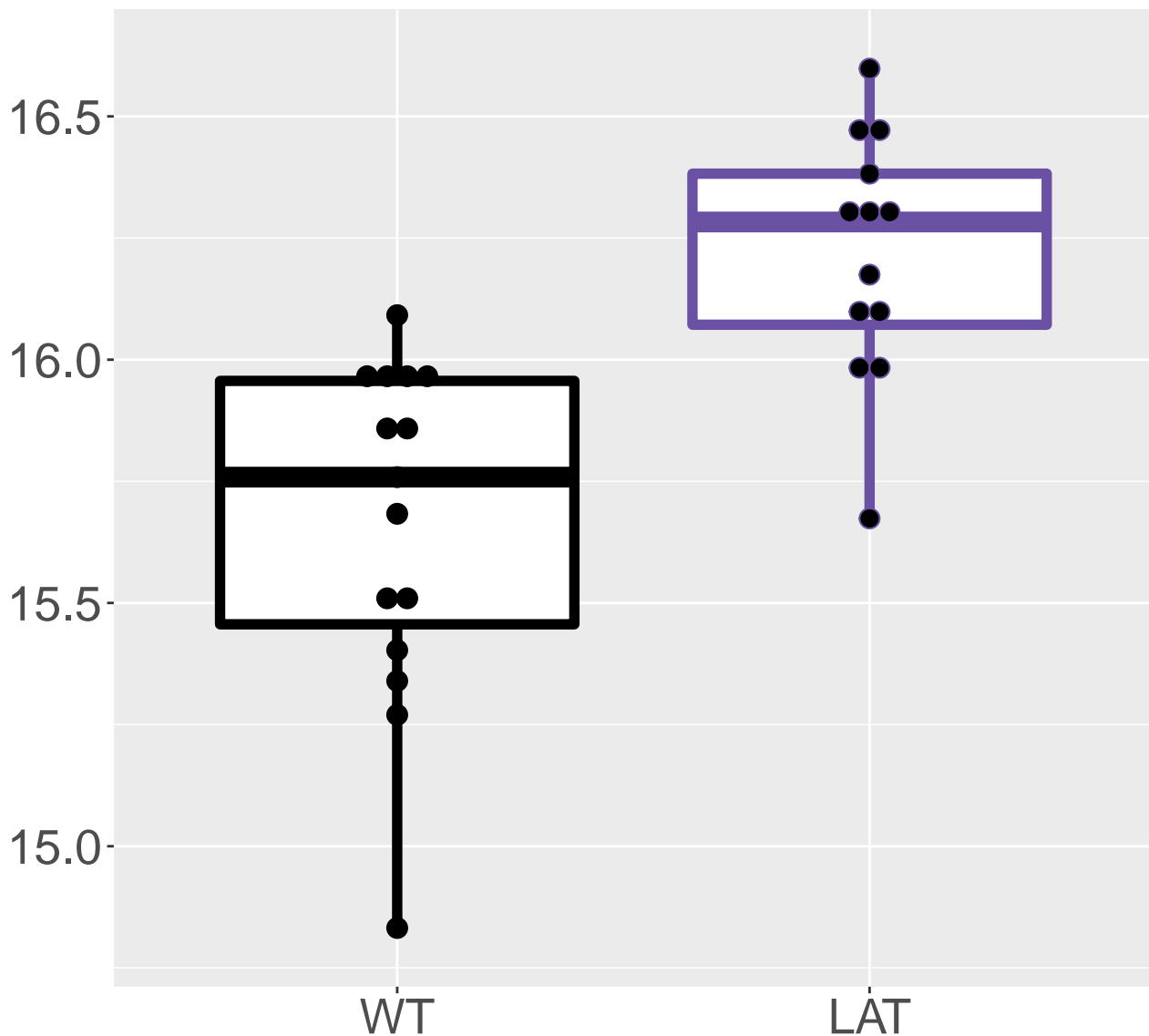


**M293.0521T536.15**  
**FDR = 0.0028, FC = 0.69**

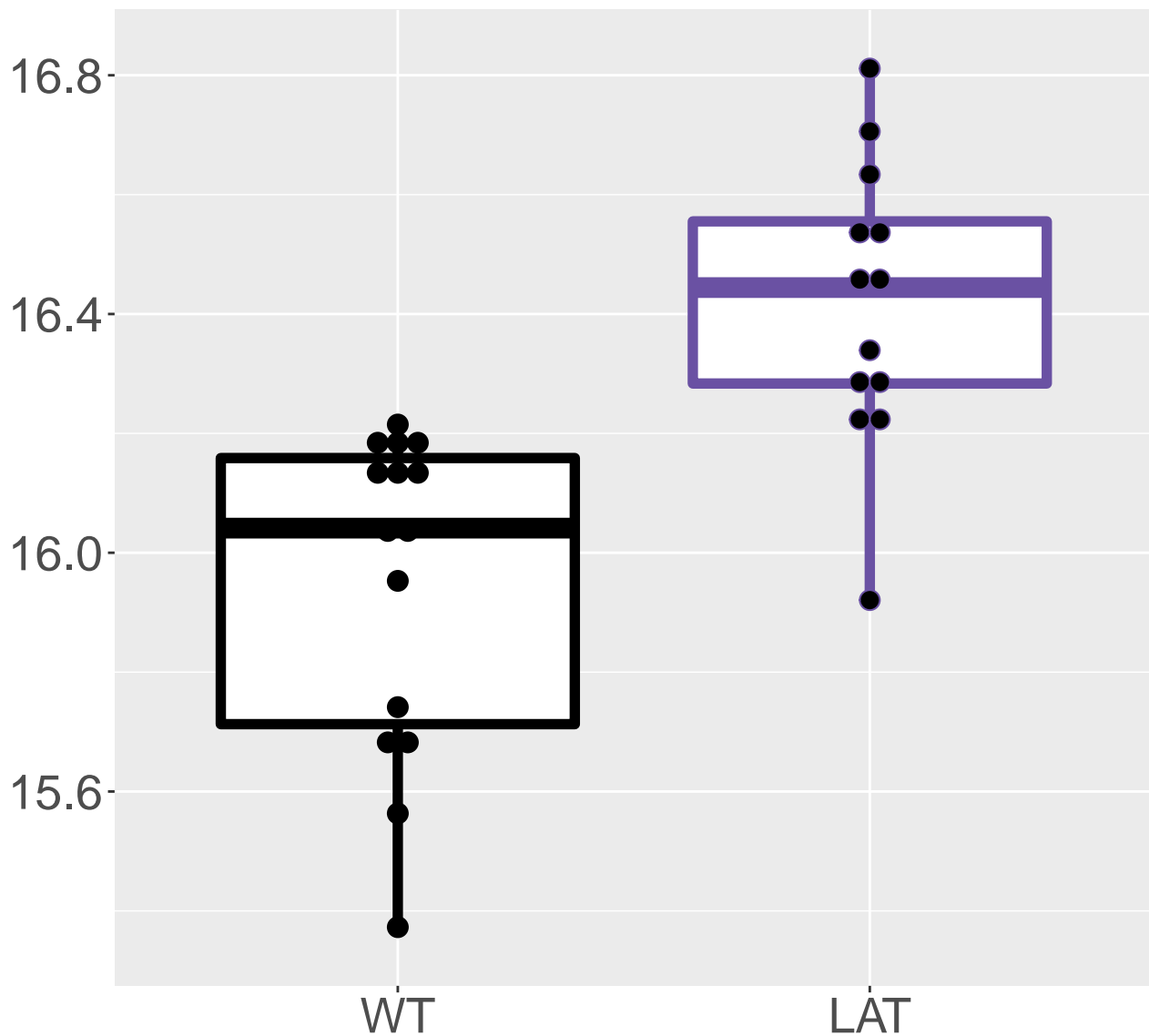


**M420.3863T993.63**

**FDR = 0.0028, FC = 0.55**

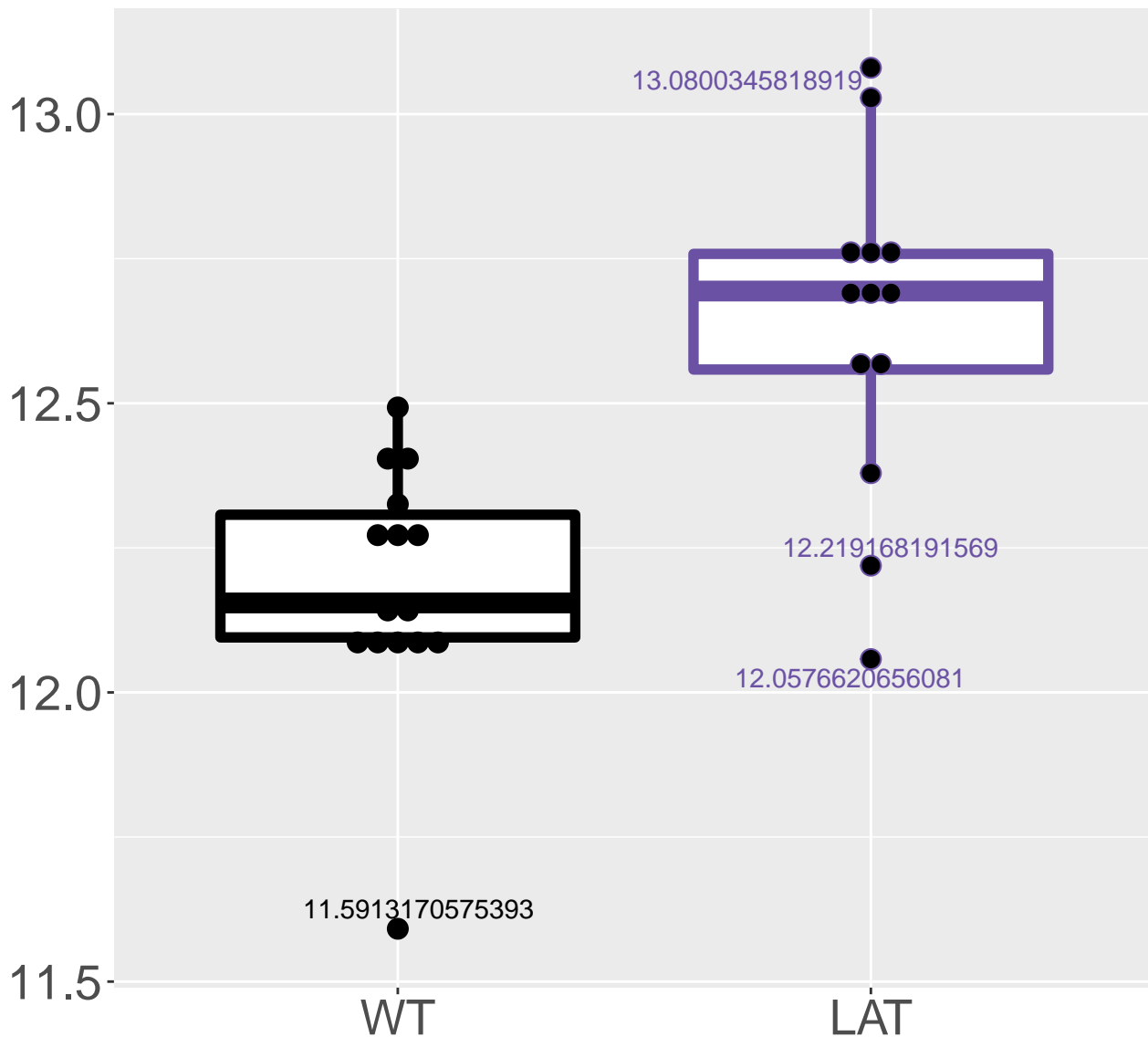


**M567.8497T993.65**  
**FDR = 0.0028, FC = 0.47**

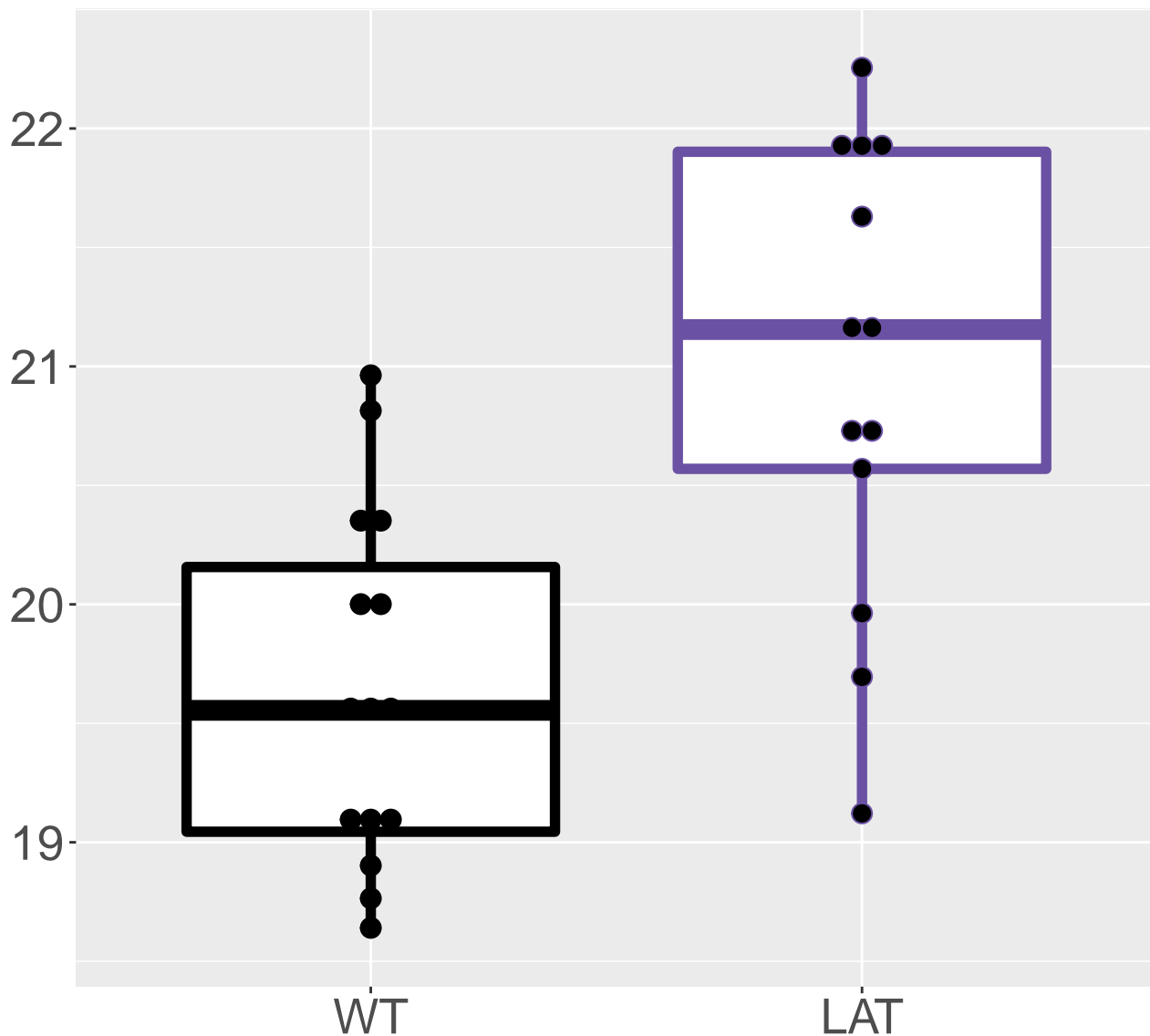


**M390.8506T1021.11**

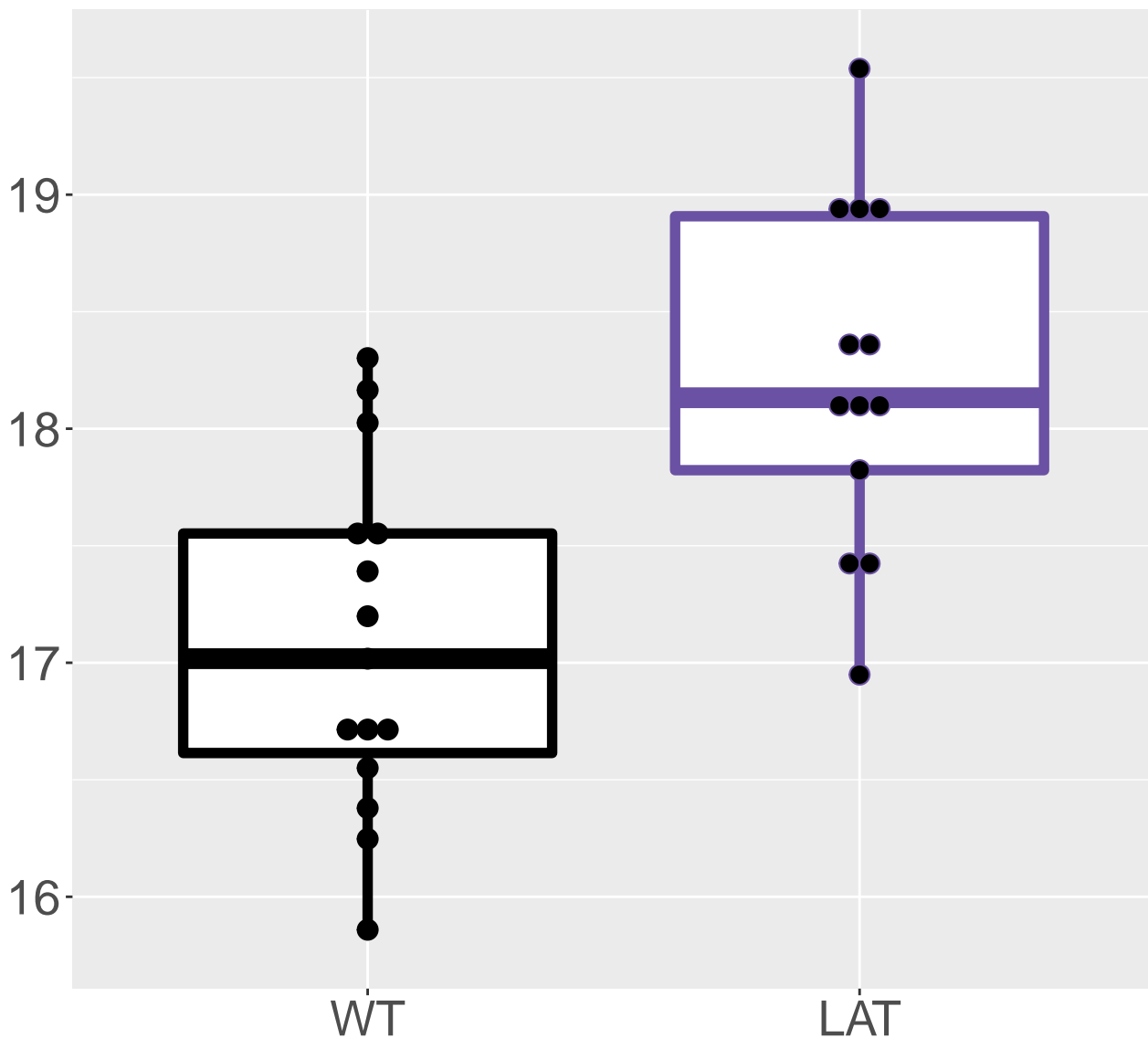
**FDR = 0.0028, FC = 0.45**



**M313.0049T351.57**  
**FDR = 0.0028, FC = 1.3**



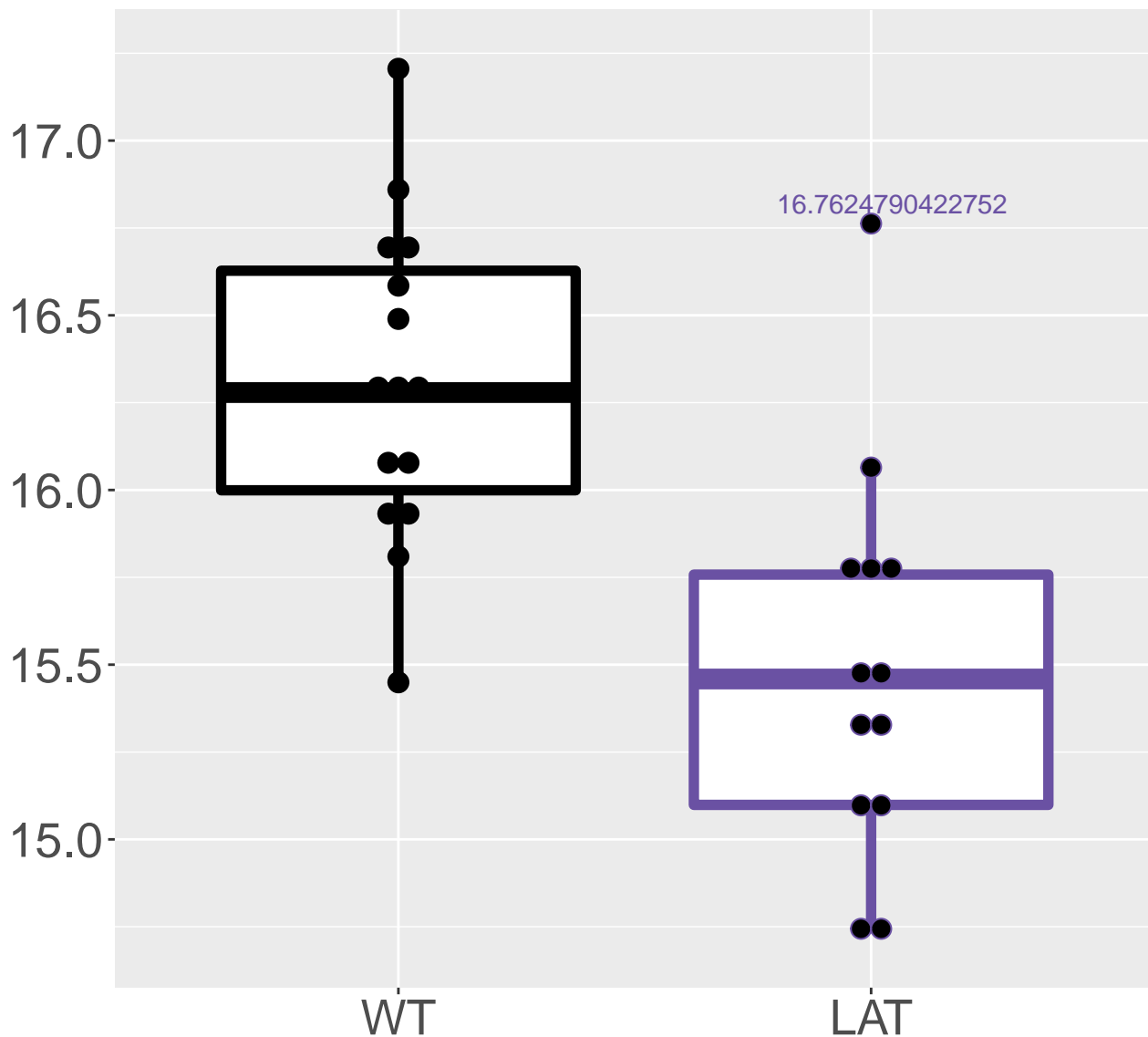
**M275.0221T555.81**  
**FDR = 0.0028, FC = 1.1**



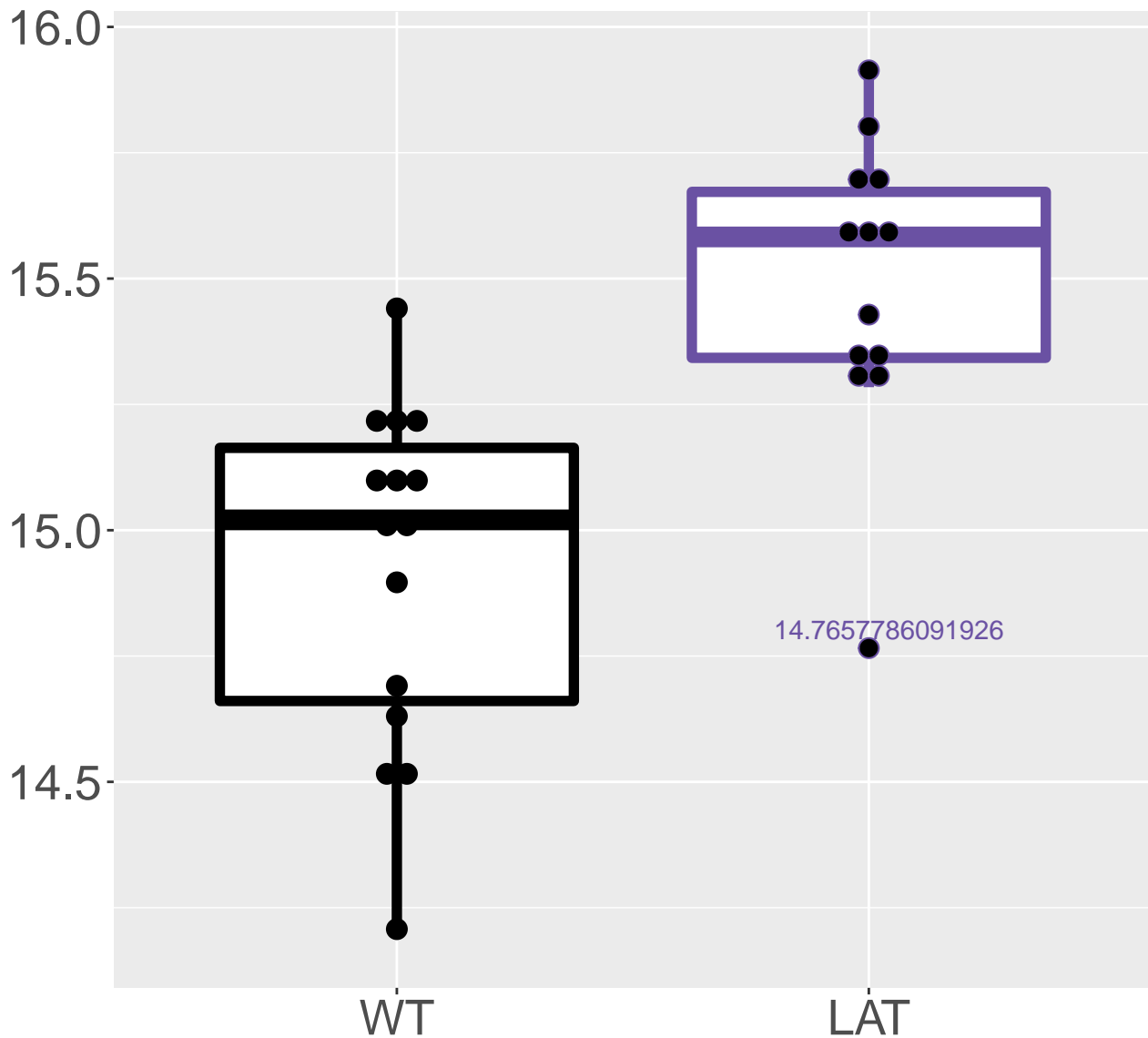


**M206.0462T328.48**

**FDR = 0.0028, FC = -0.82**

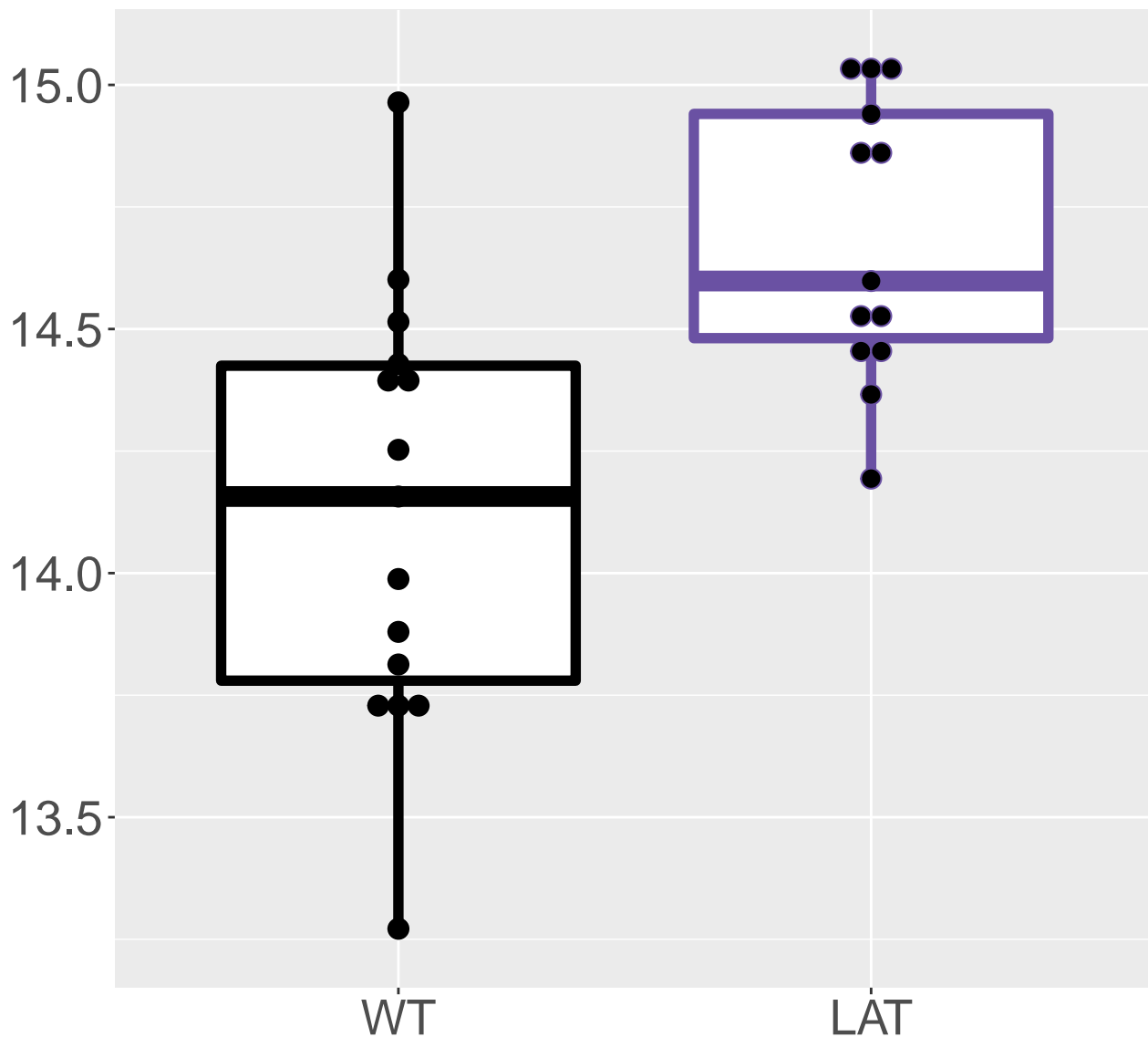


**M462.3773T993.54\_3**  
**FDR = 0.0028, FC = 0.57**



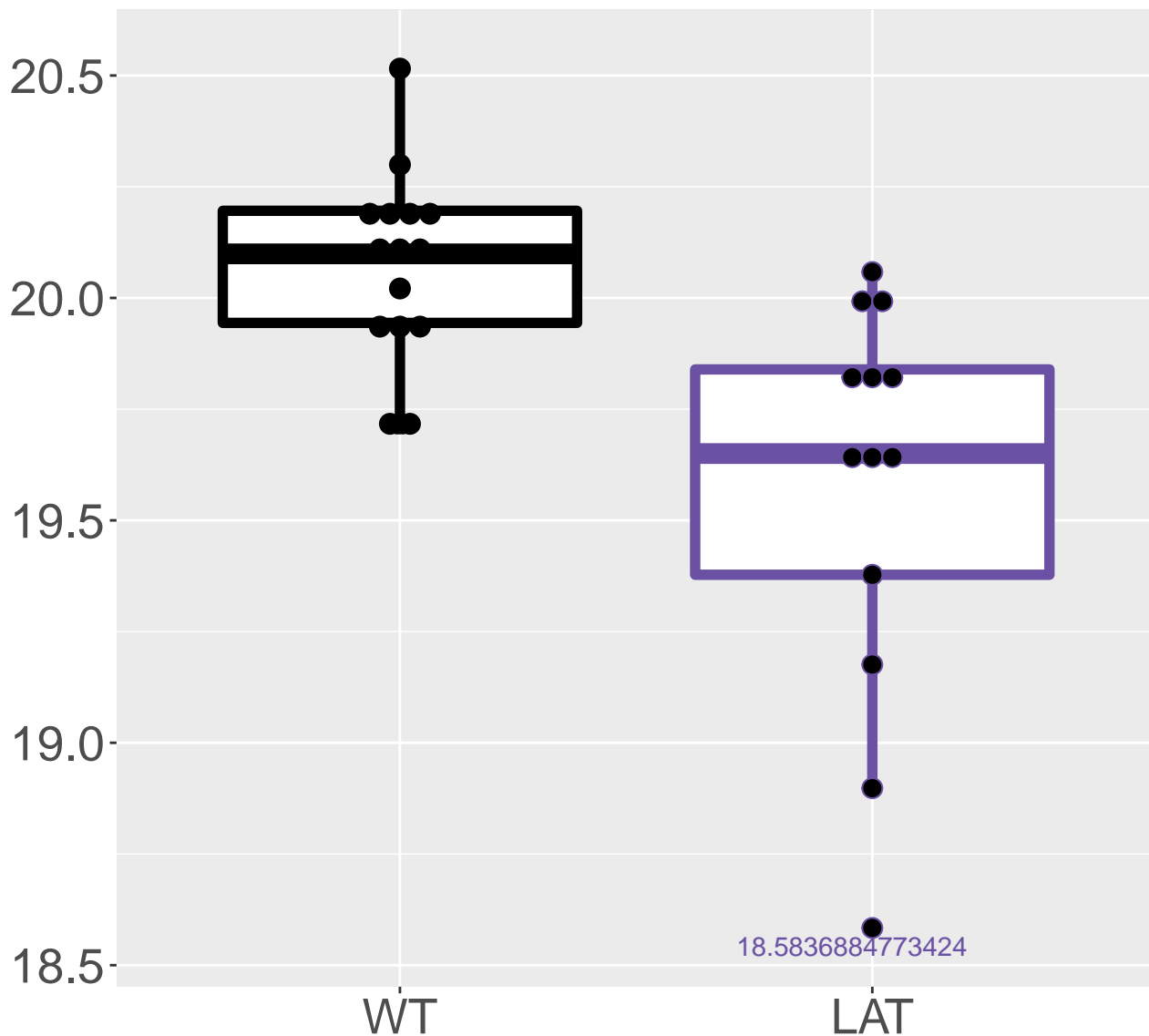
**M213.0522T486.98**

**FDR = 0.0028, FC = 0.56, sex\*\***

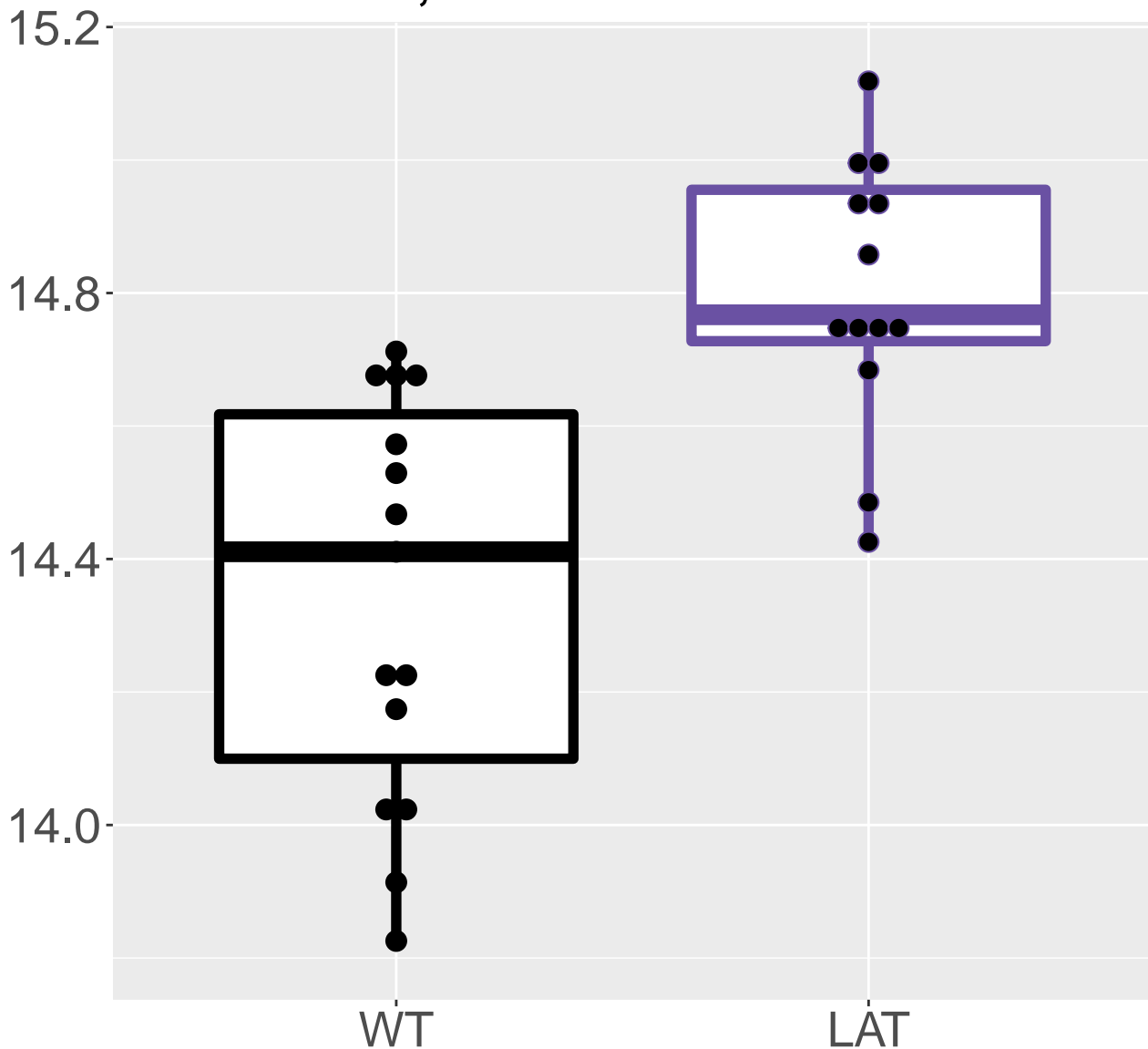


**M242.0523T574.02**

**FDR = 0.0028, FC = -0.5, sex\***

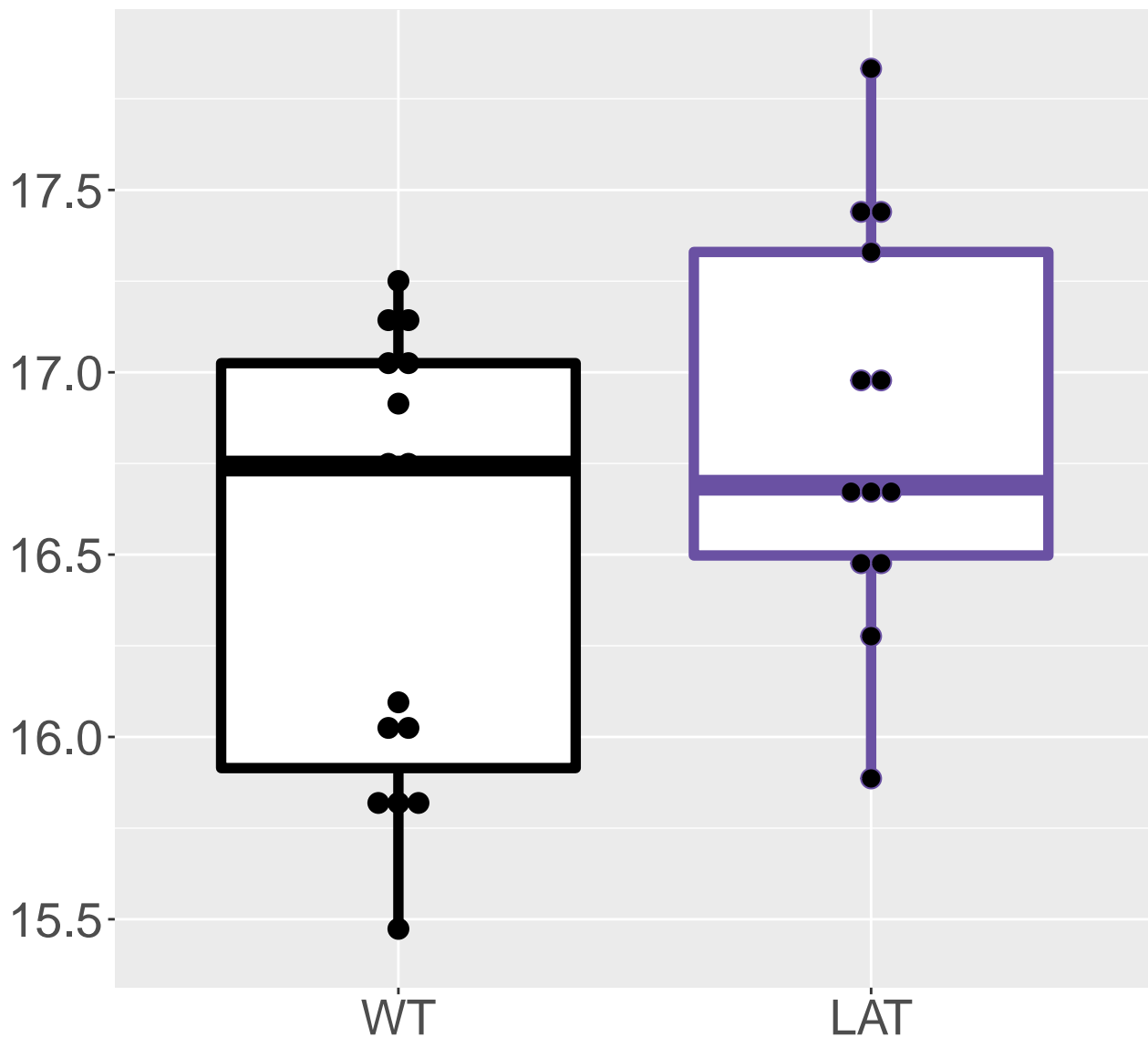


**M348.4153T993.85**  
**FDR = 0.0028, FC = 0.46**

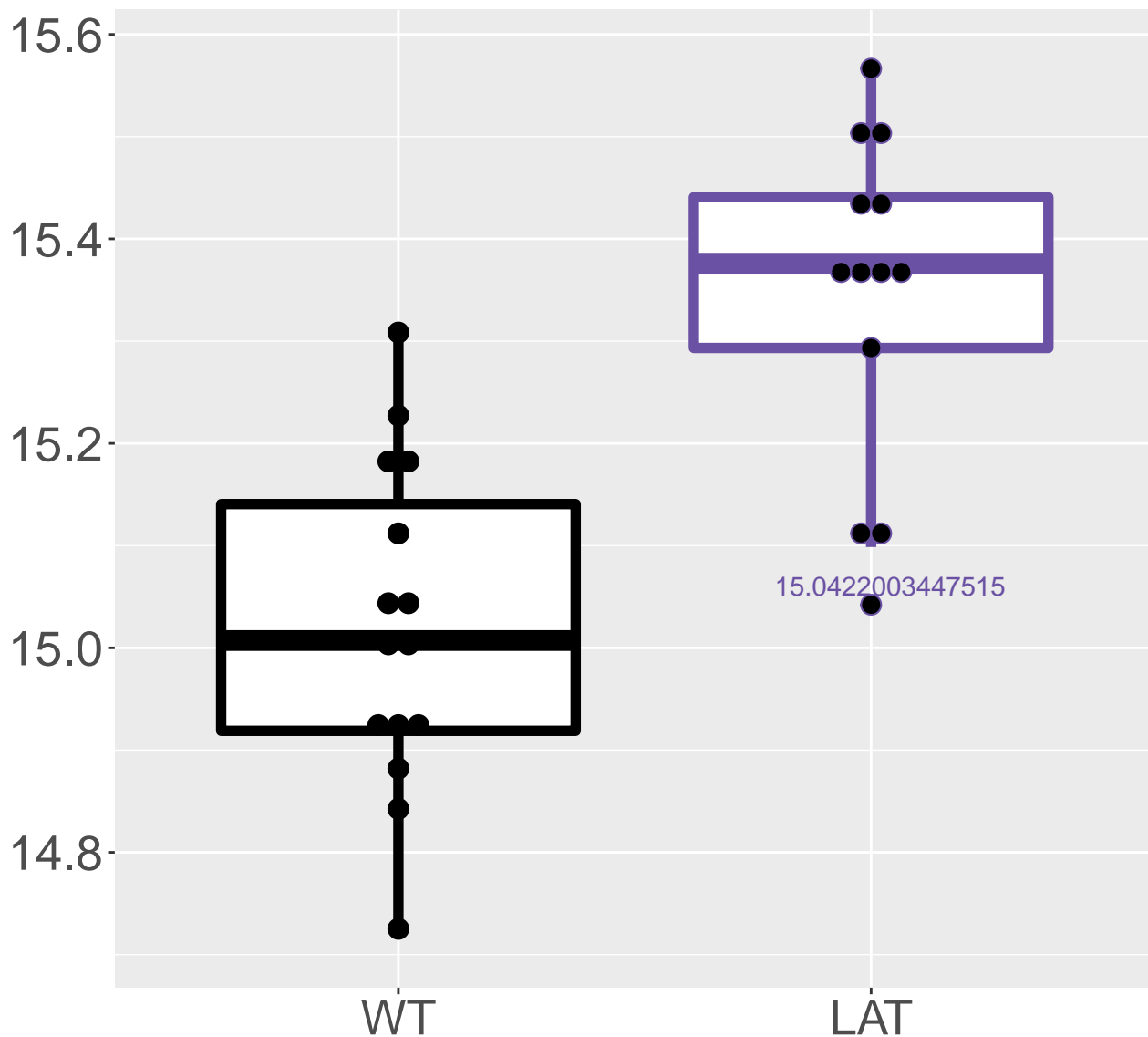


**M249.008T332.06**

**FDR = 0.0028, FC = 0.38, sex\*\*\***

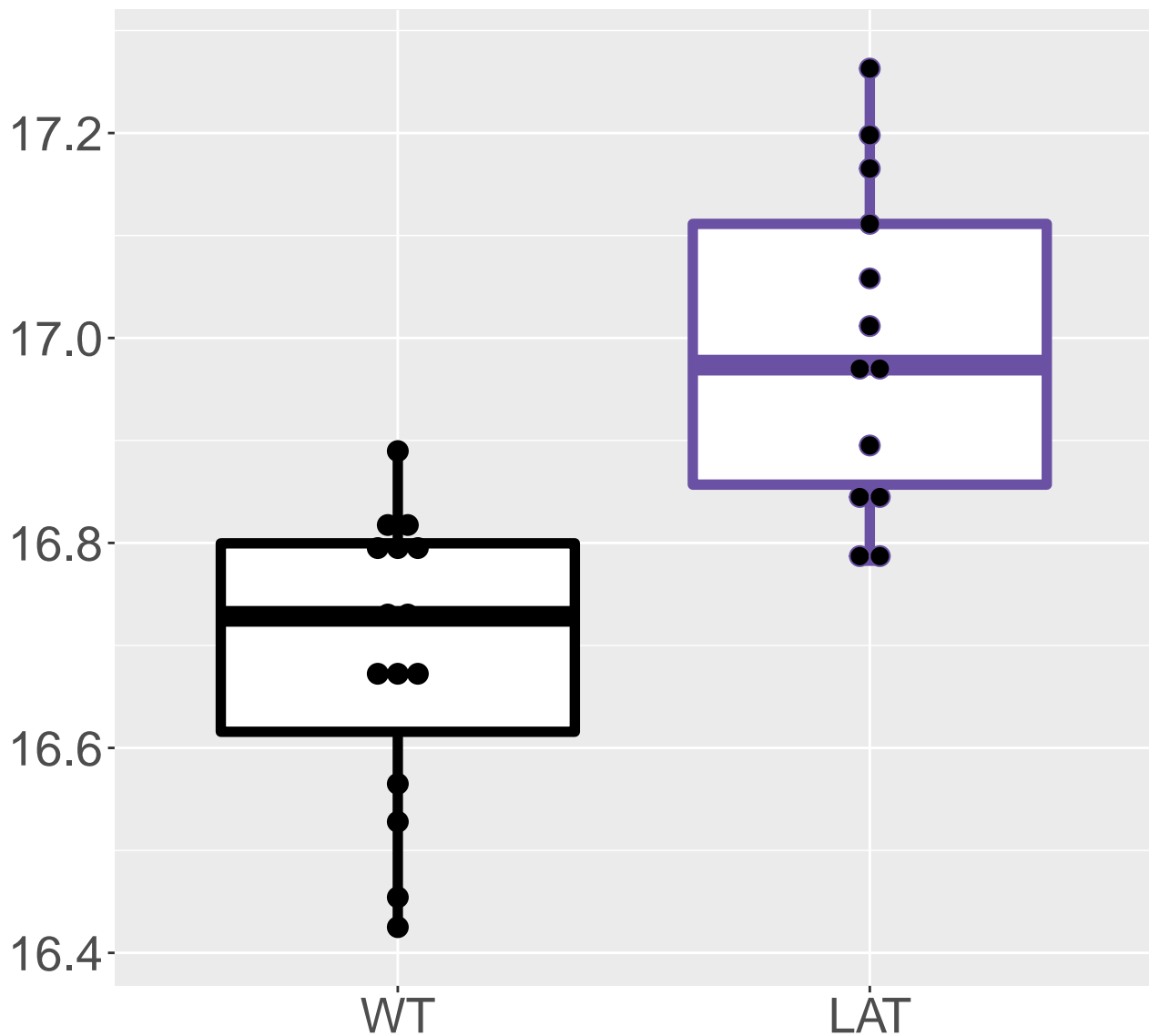


**M350.8968T1018.38**  
**FDR = 0.0028, FC = 0.32**



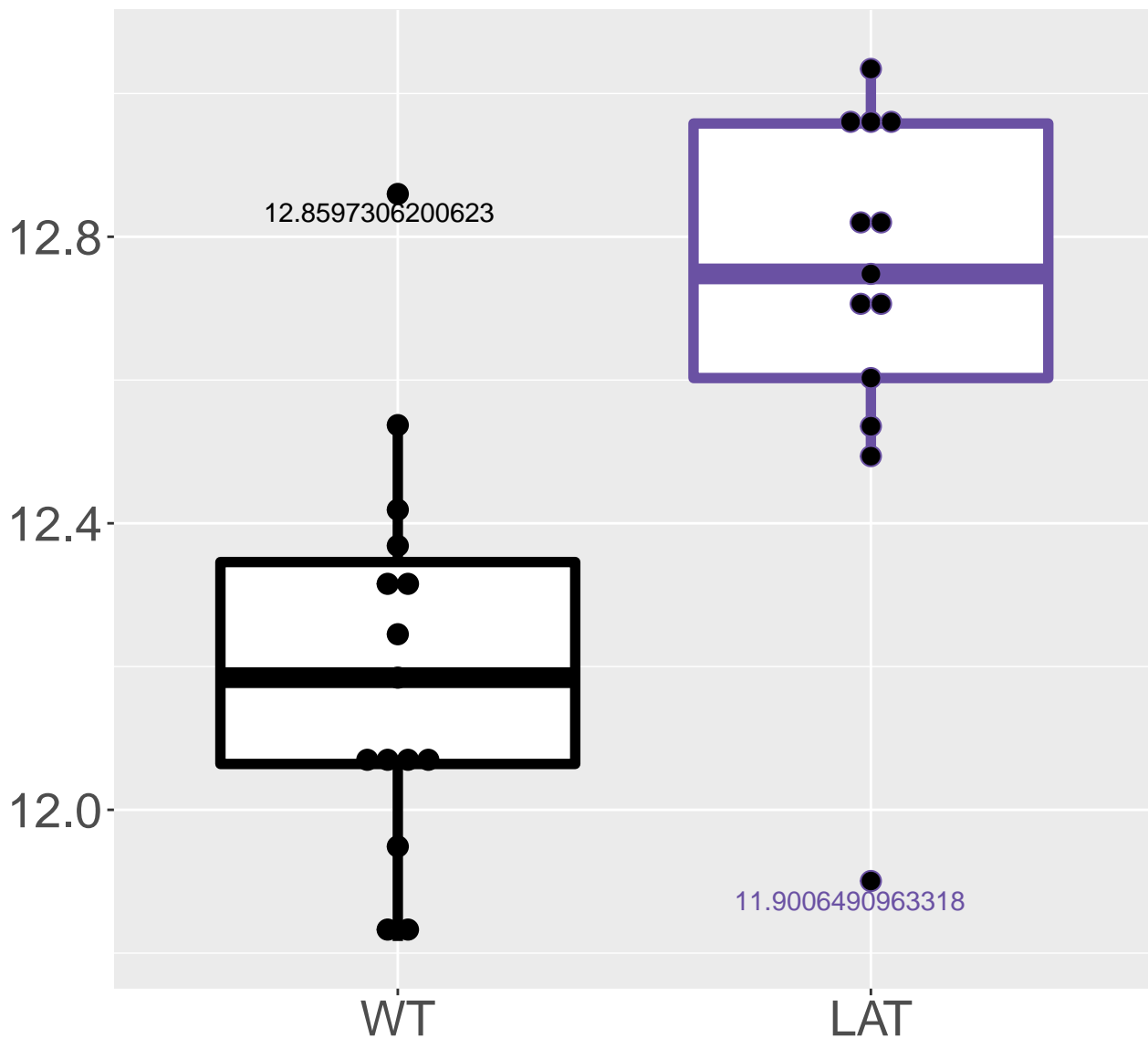
**M404.8267T1025.16**

**FDR = 0.0028, FC = 0.3**



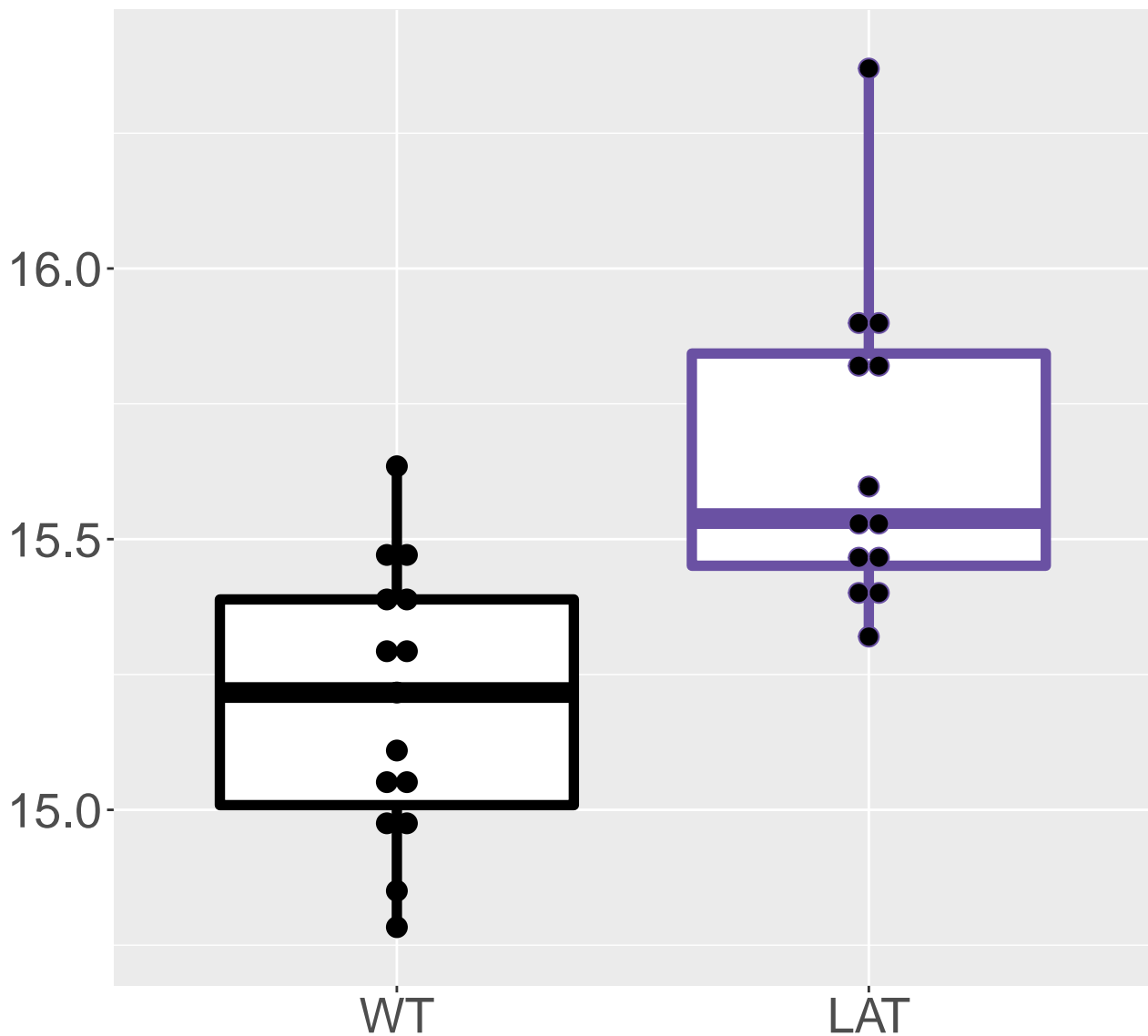


**M626.7213T1024.58**  
**FDR = 0.0029, FC = 0.5**



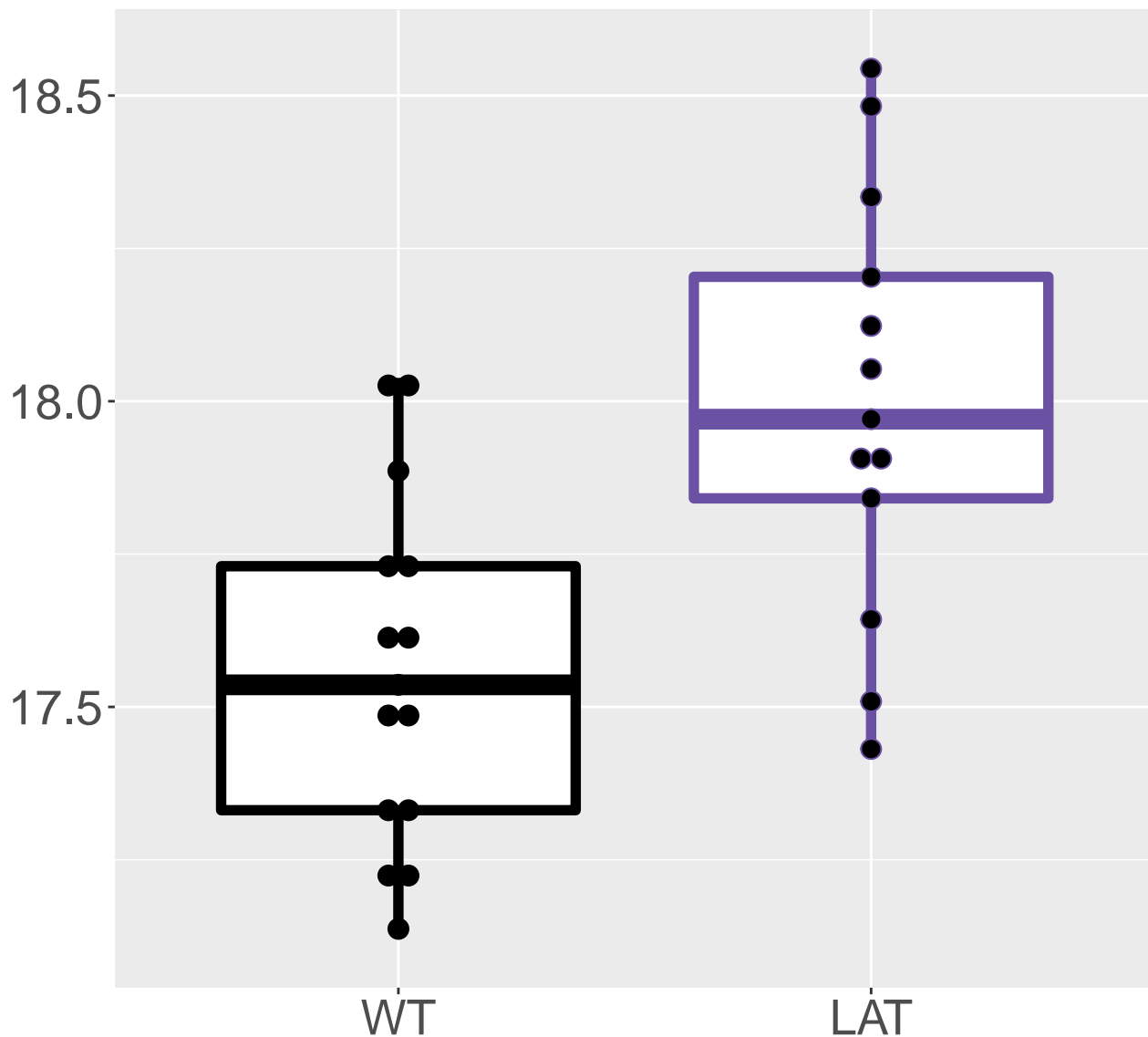
**M75.0281T493.08**

**FDR = 0.0029, FC = 0.46**



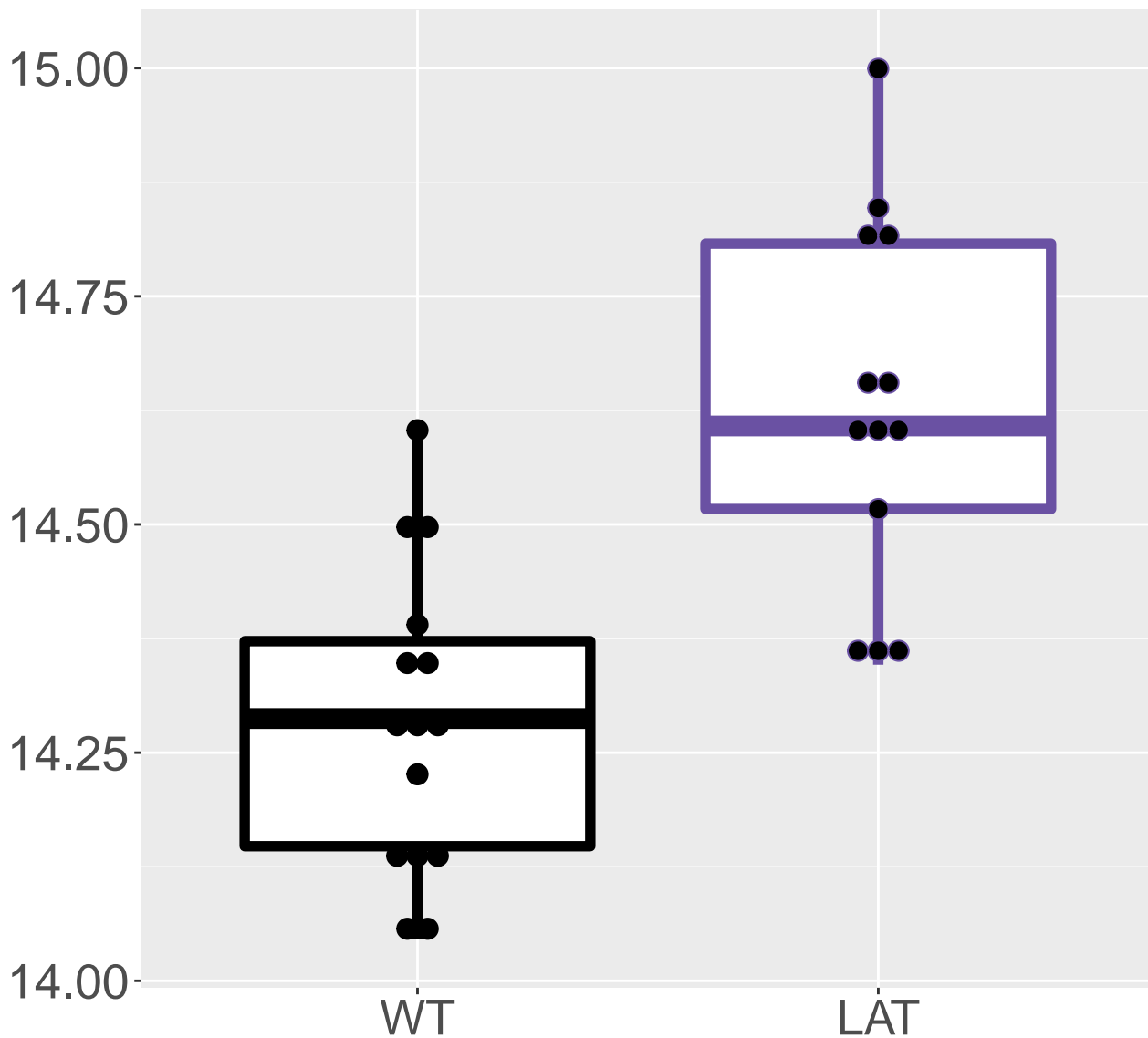
**M302.0251T390.53**

**FDR = 0.003, FC = 0.44, sex\***

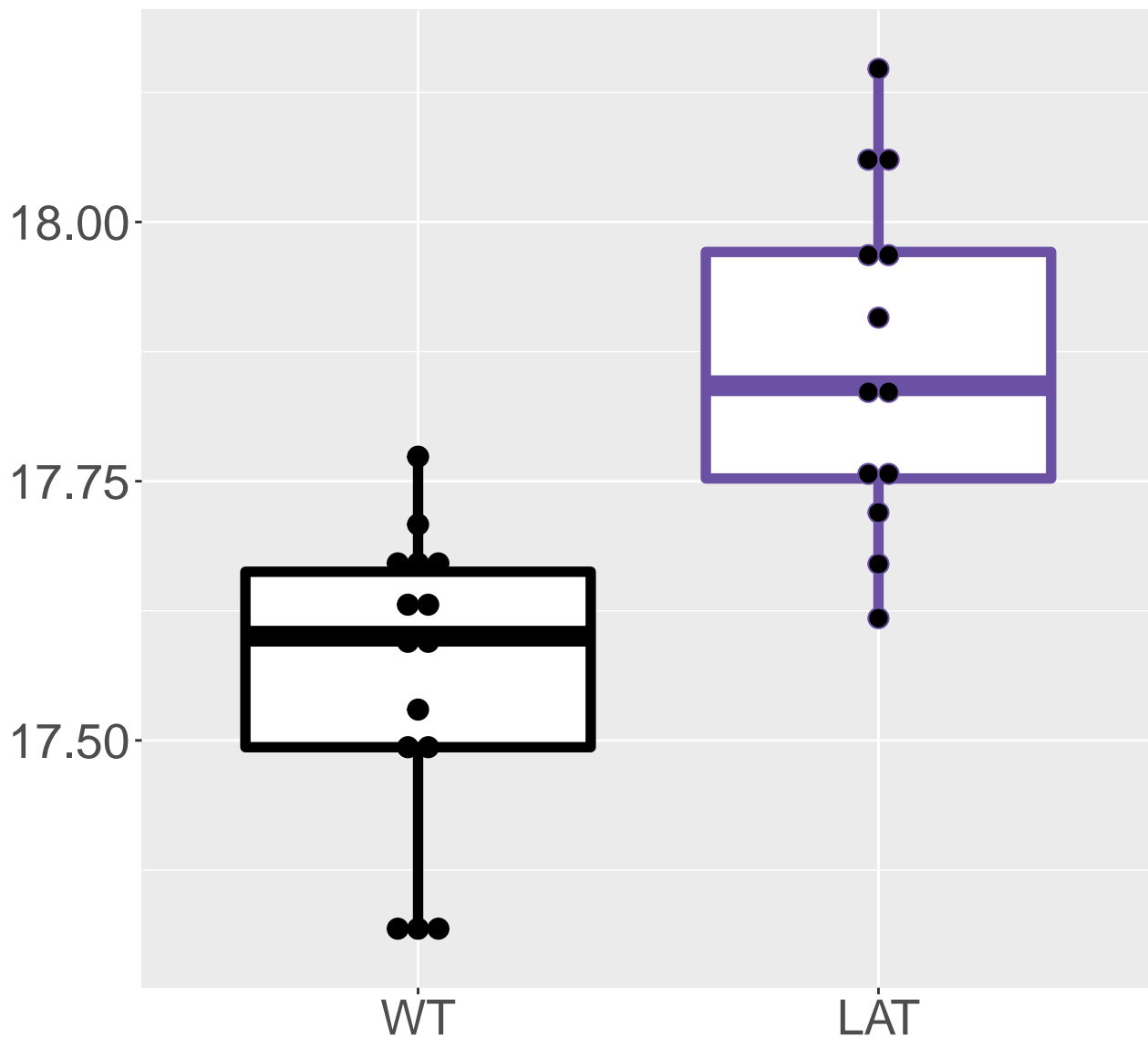


**M398.7924T1026.39**

**FDR = 0.003, FC = 0.34**

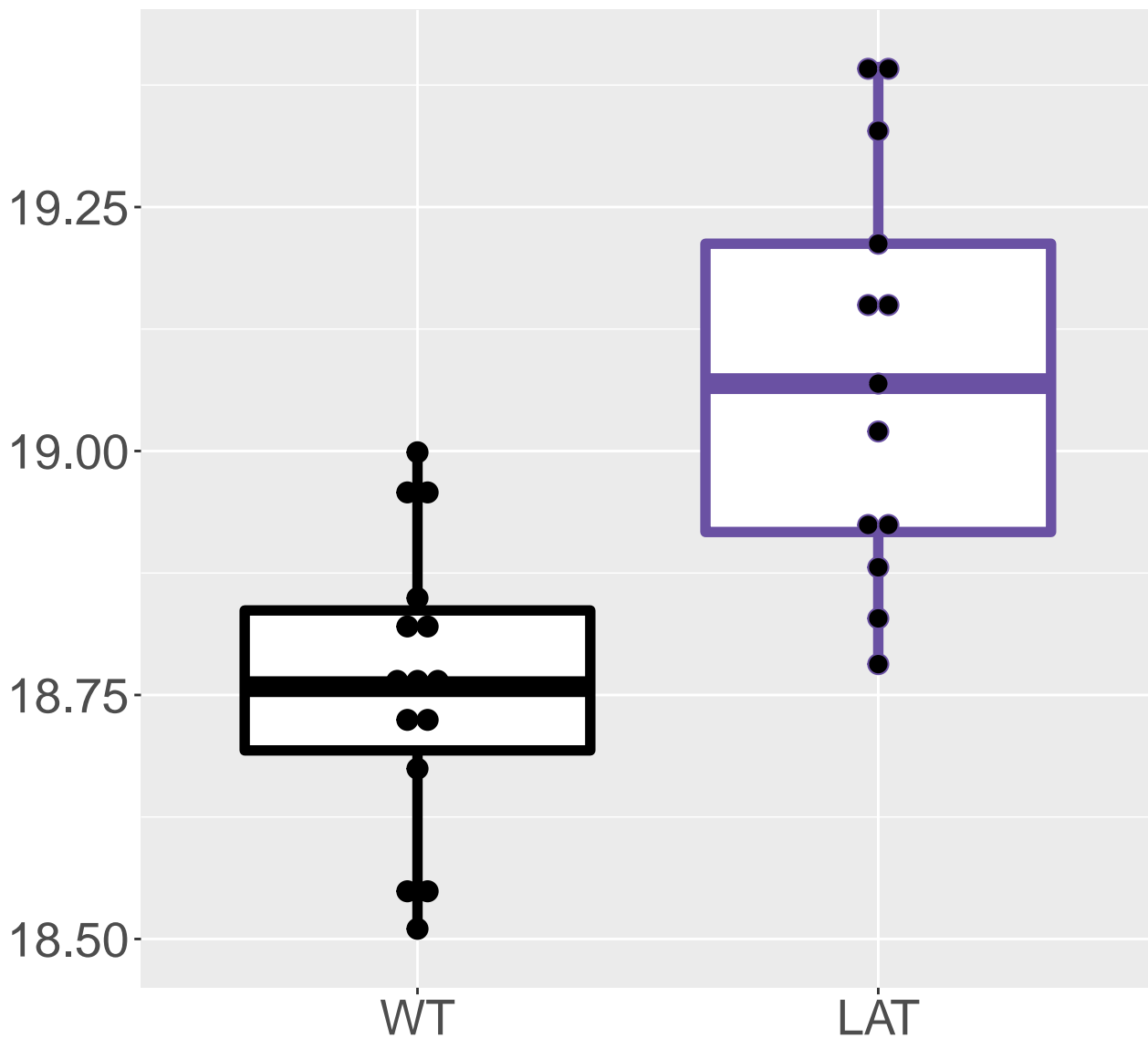


**M304.8702T1023.46**  
**FDR = 0.003, FC = 0.31**

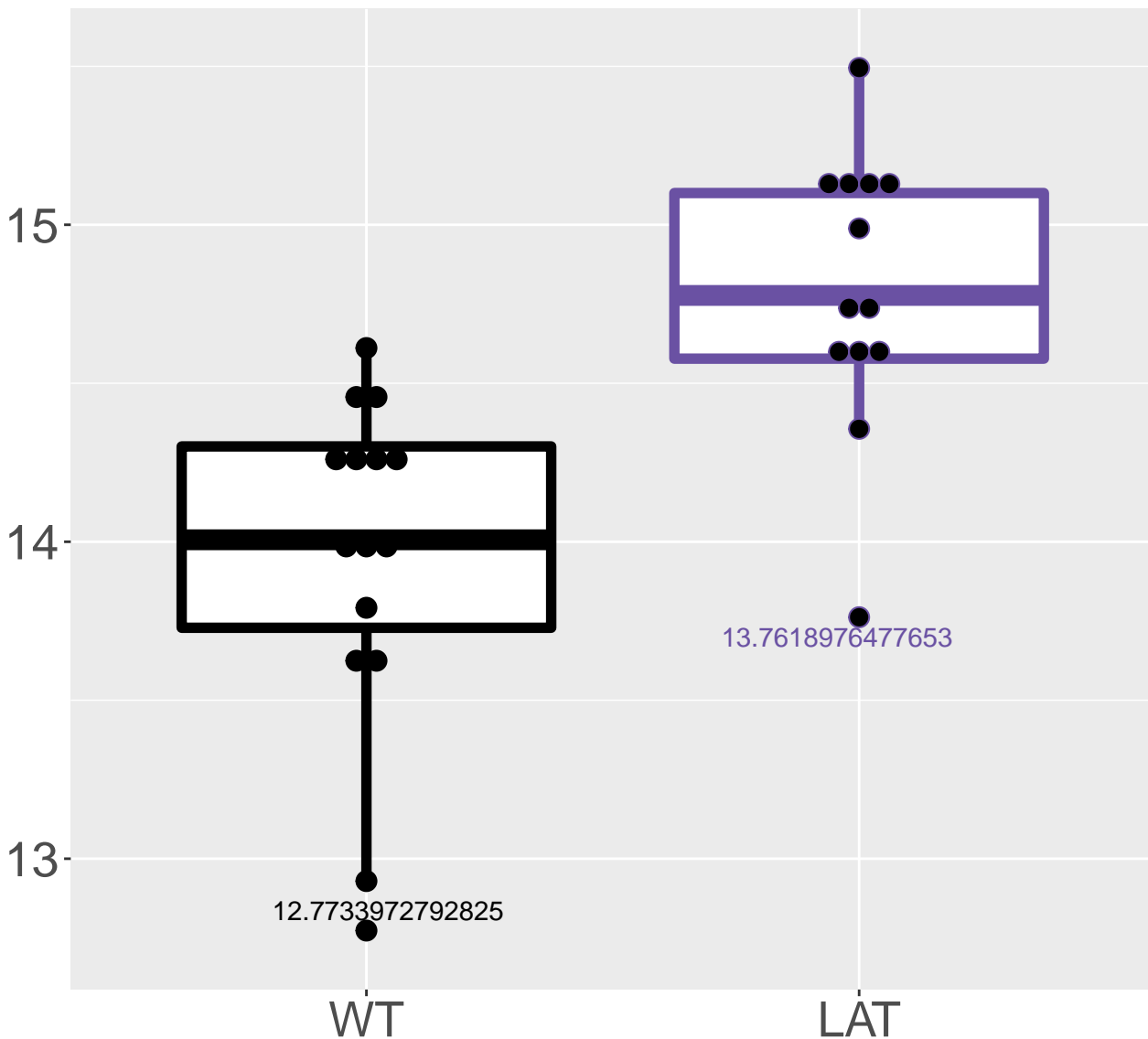


**M85.0296T611.19**

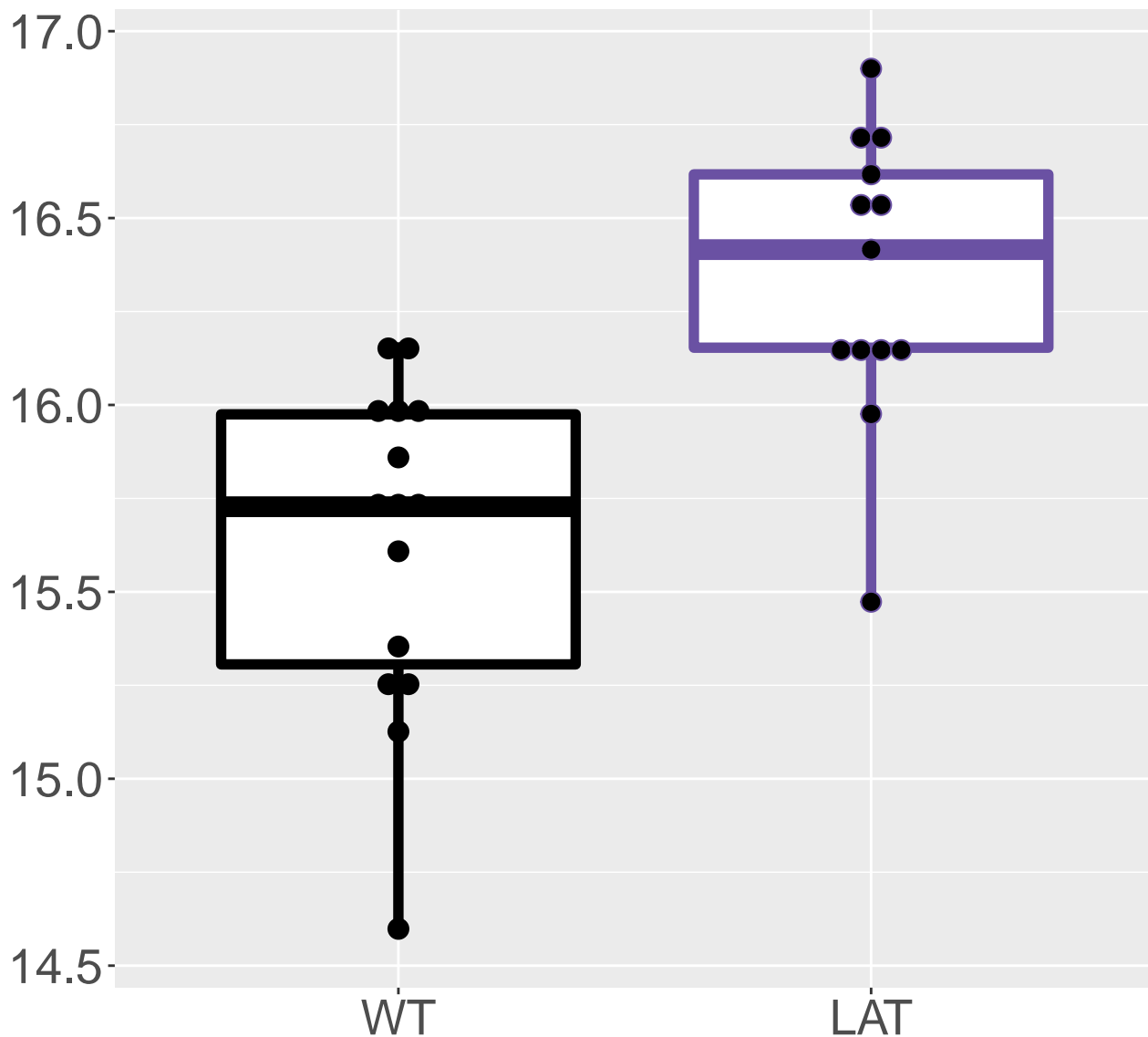
**FDR = 0.003, FC = 0.32**



**M514.8672T993.27\_1**  
**FDR = 0.0031, FC = 0.84**

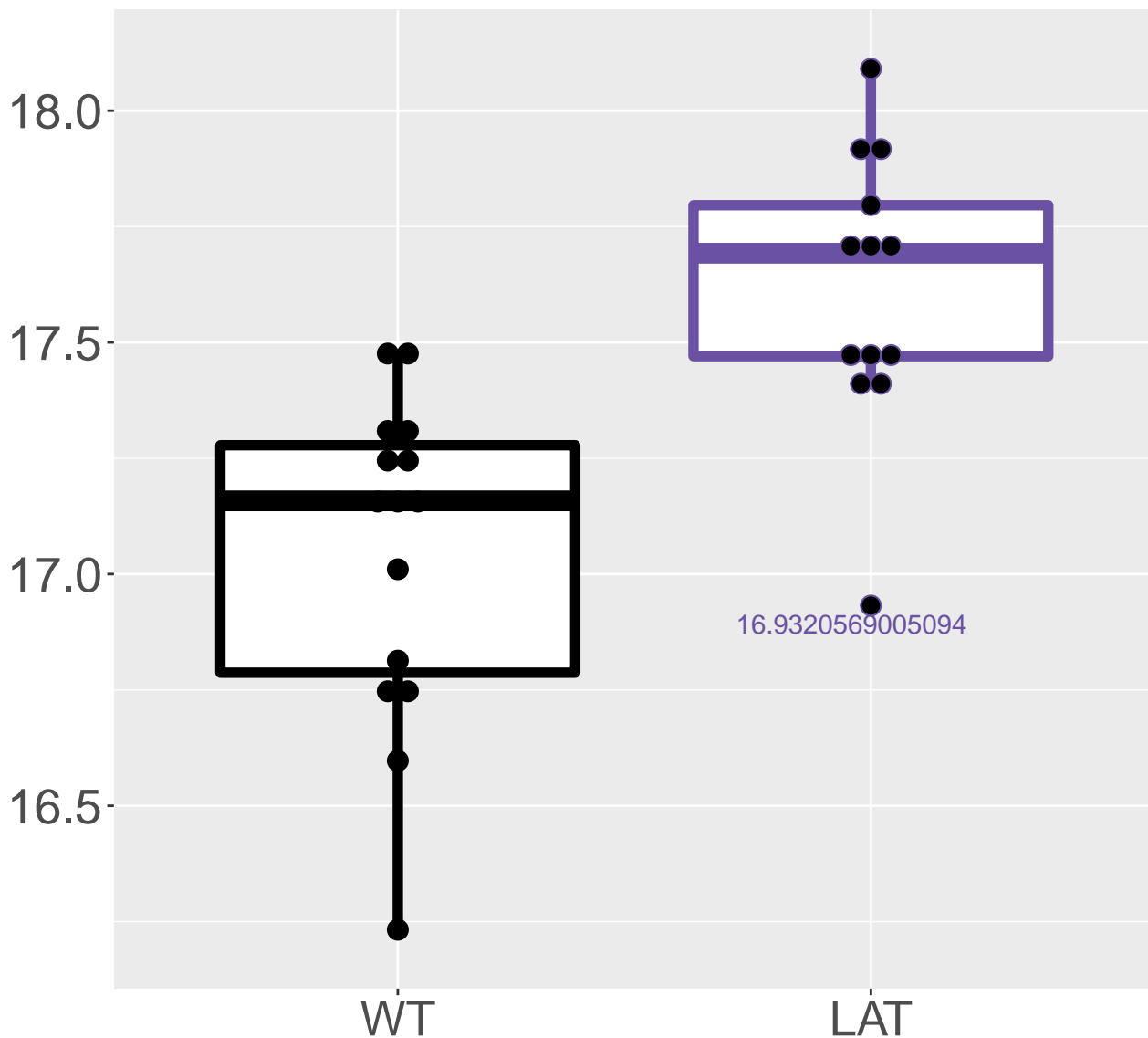


**M408.4112T993.36\_2**  
**FDR = 0.0031, FC = 0.71**

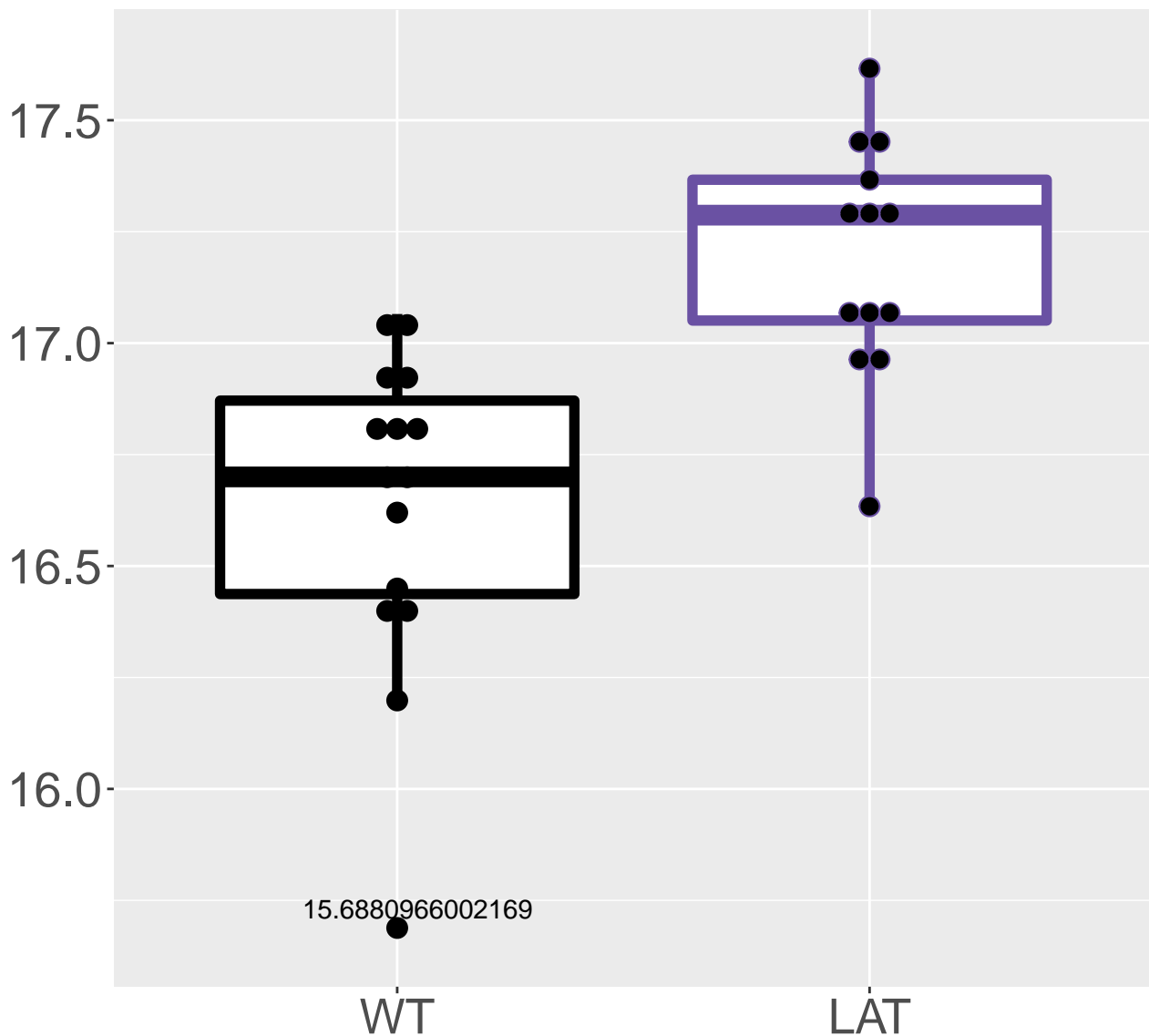




**M366.9119T993.43**  
**FDR = 0.0031, FC = 0.57**

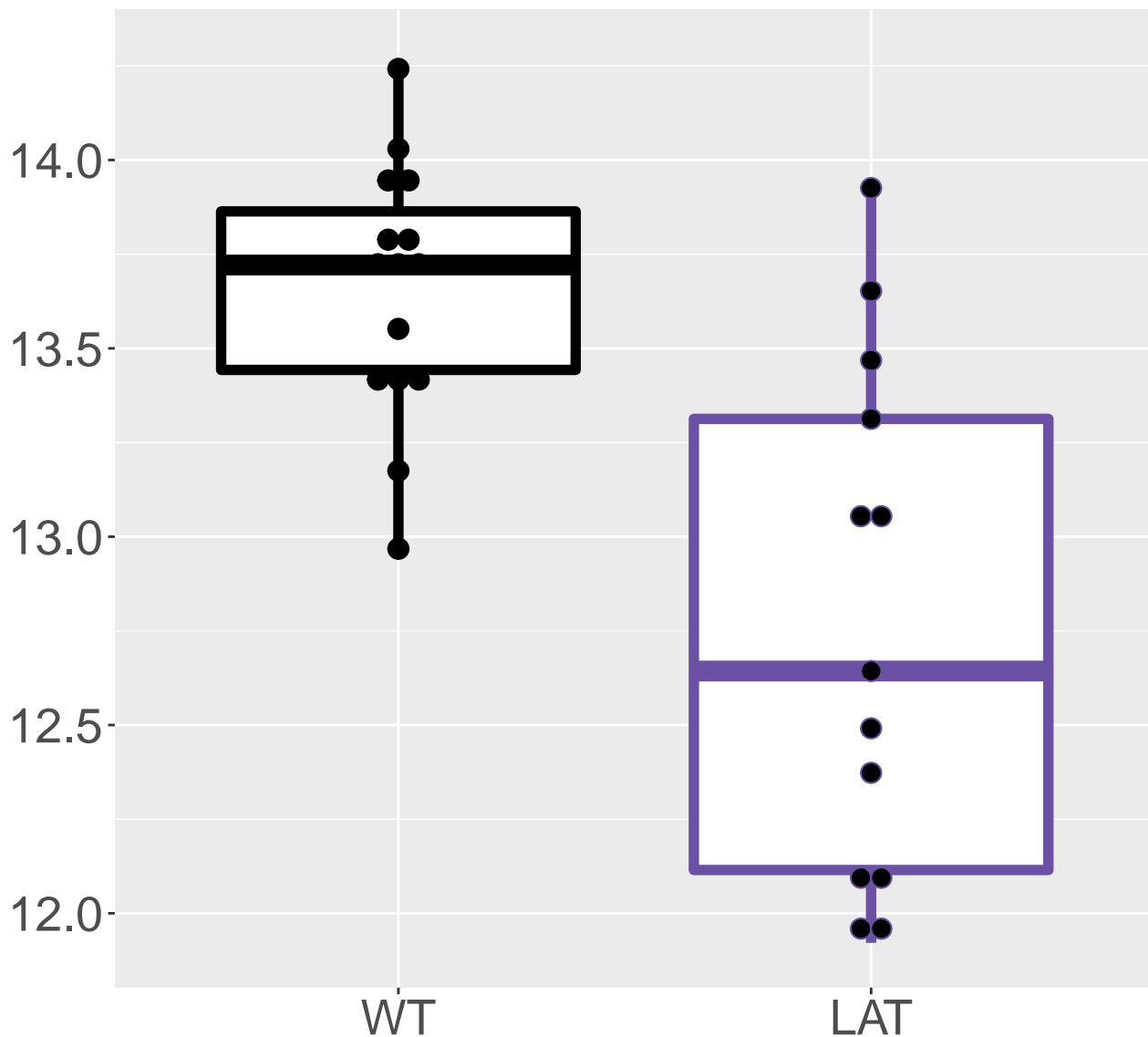


**M431.3773T993.58**  
**FDR = 0.0031, FC = 0.56**

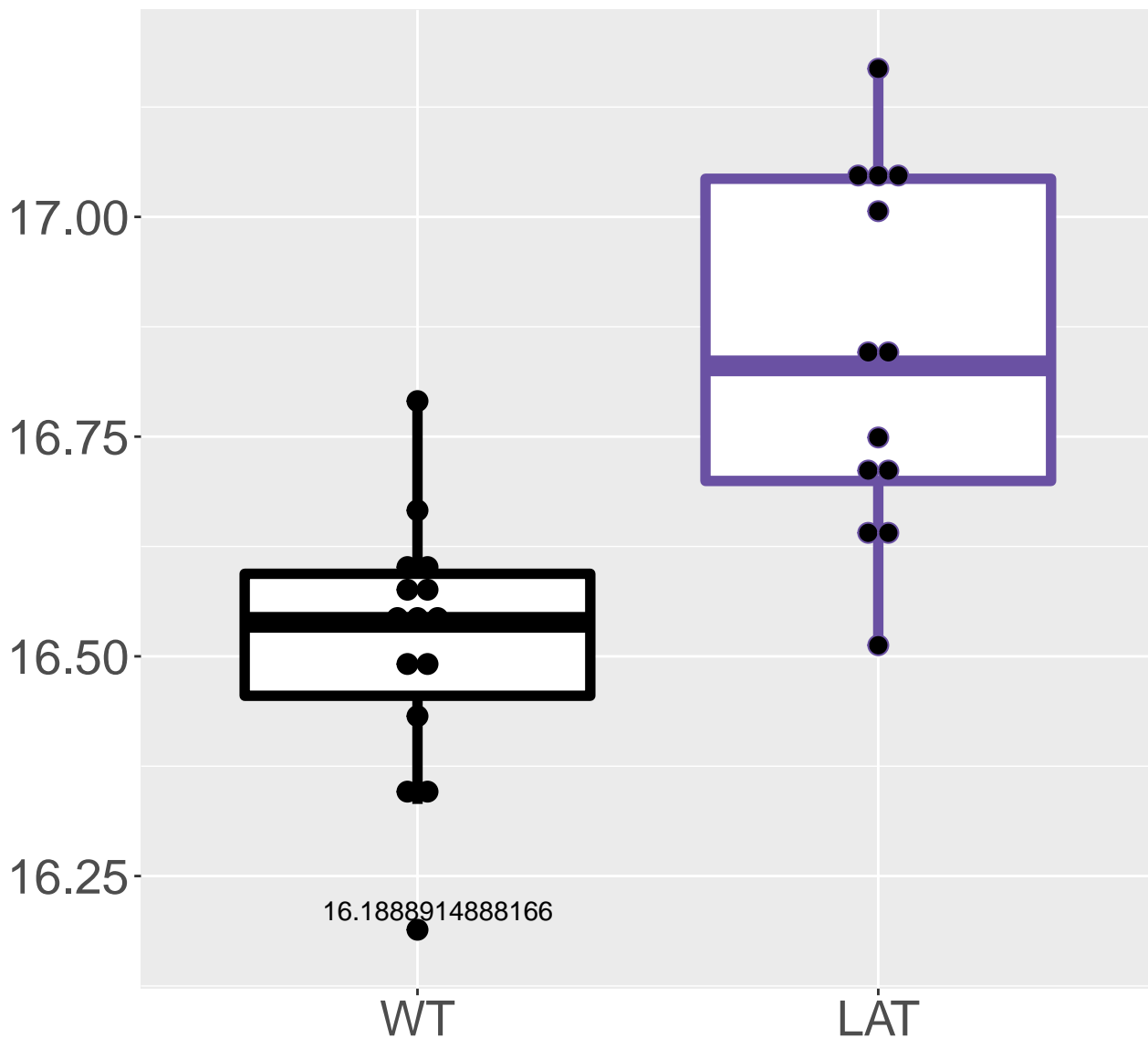


**M124.9842T647.22**

**FDR = 0.0031, FC = -0.88**

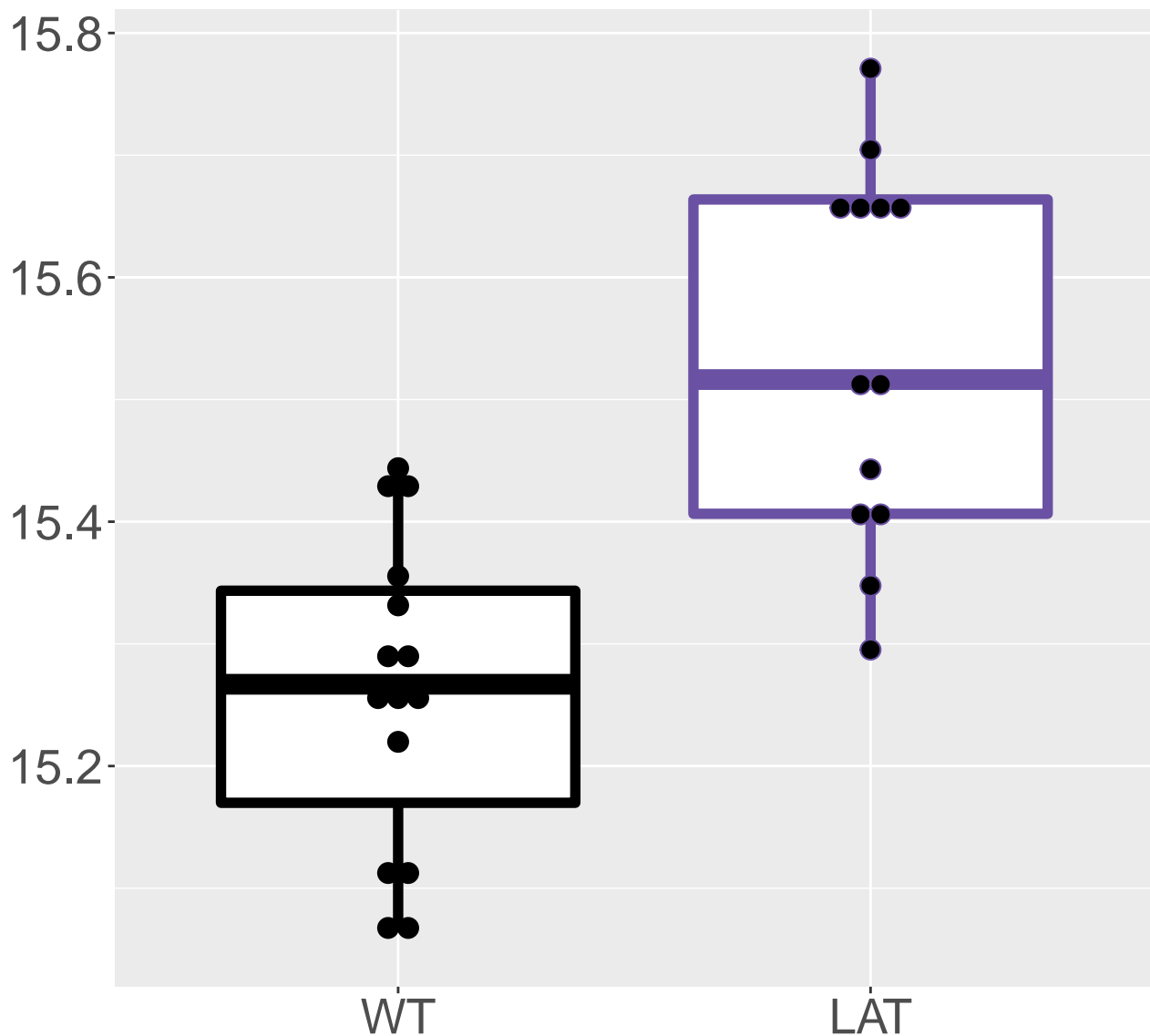


**M260.8804T1023.67**  
**FDR = 0.0031, FC = 0.33**



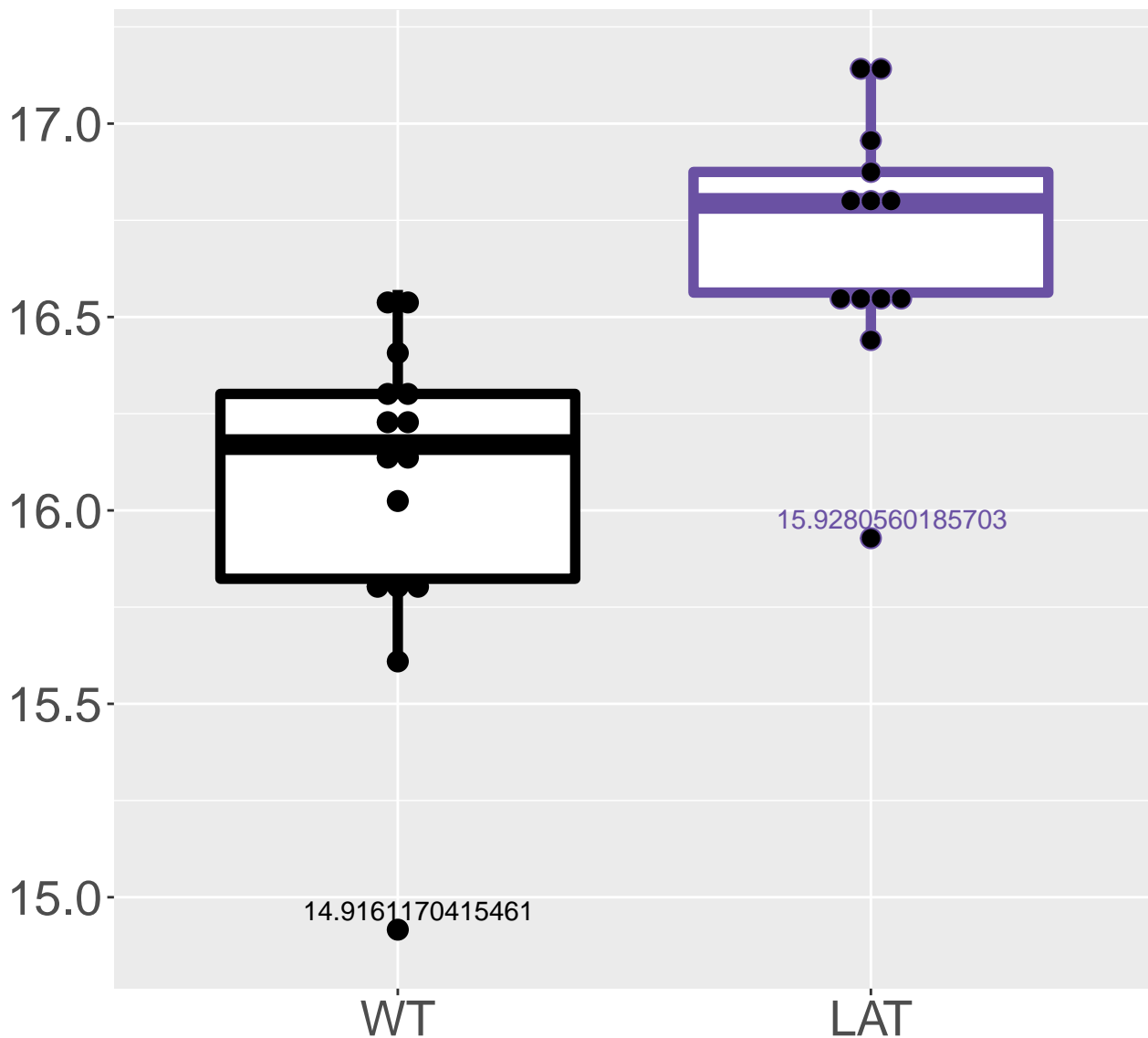
**M504.7834T1026.48**

**FDR = 0.0031, FC = 0.28**

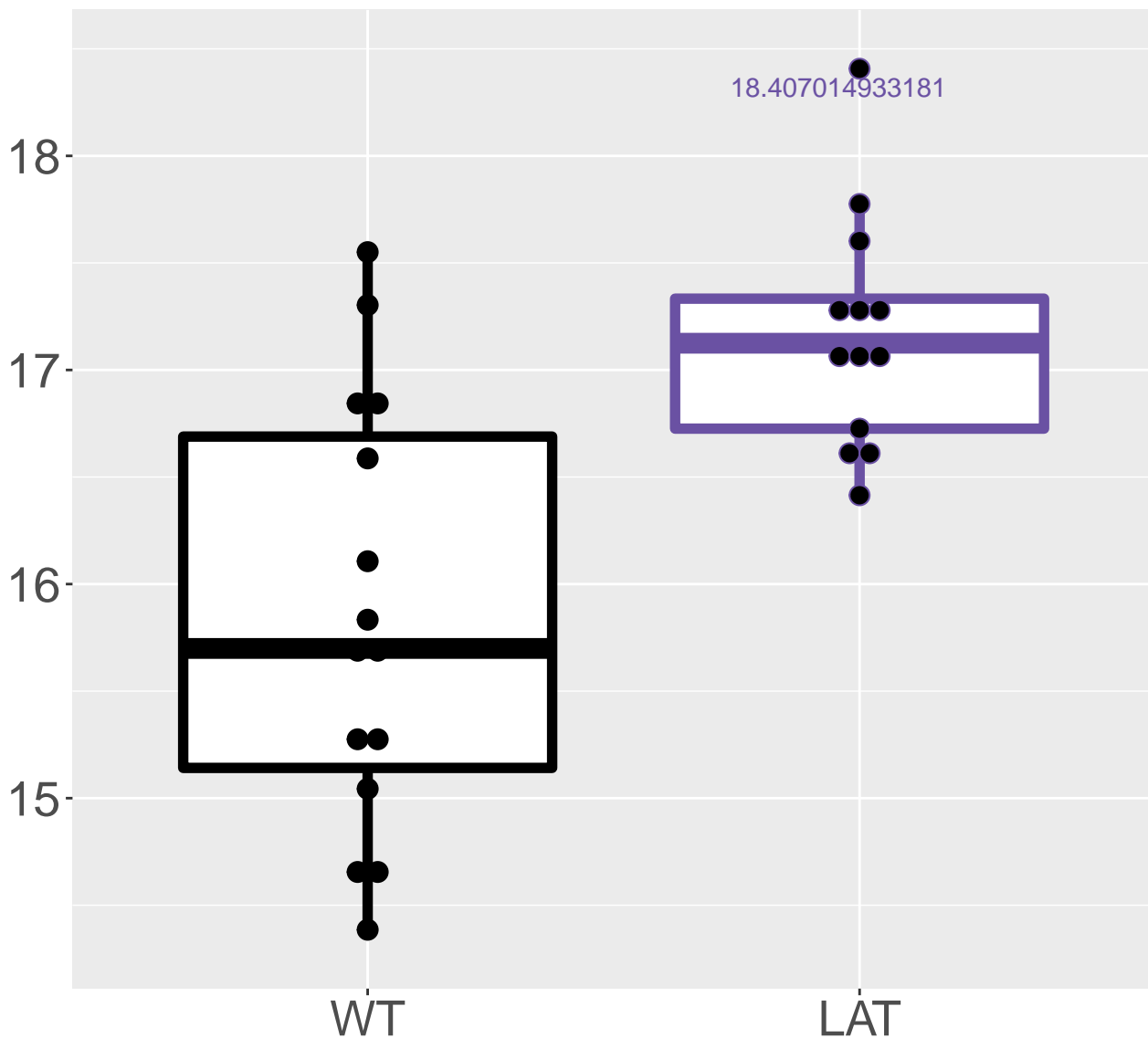


**M408.9035T993.38**

**FDR = 0.0032, FC = 0.65**

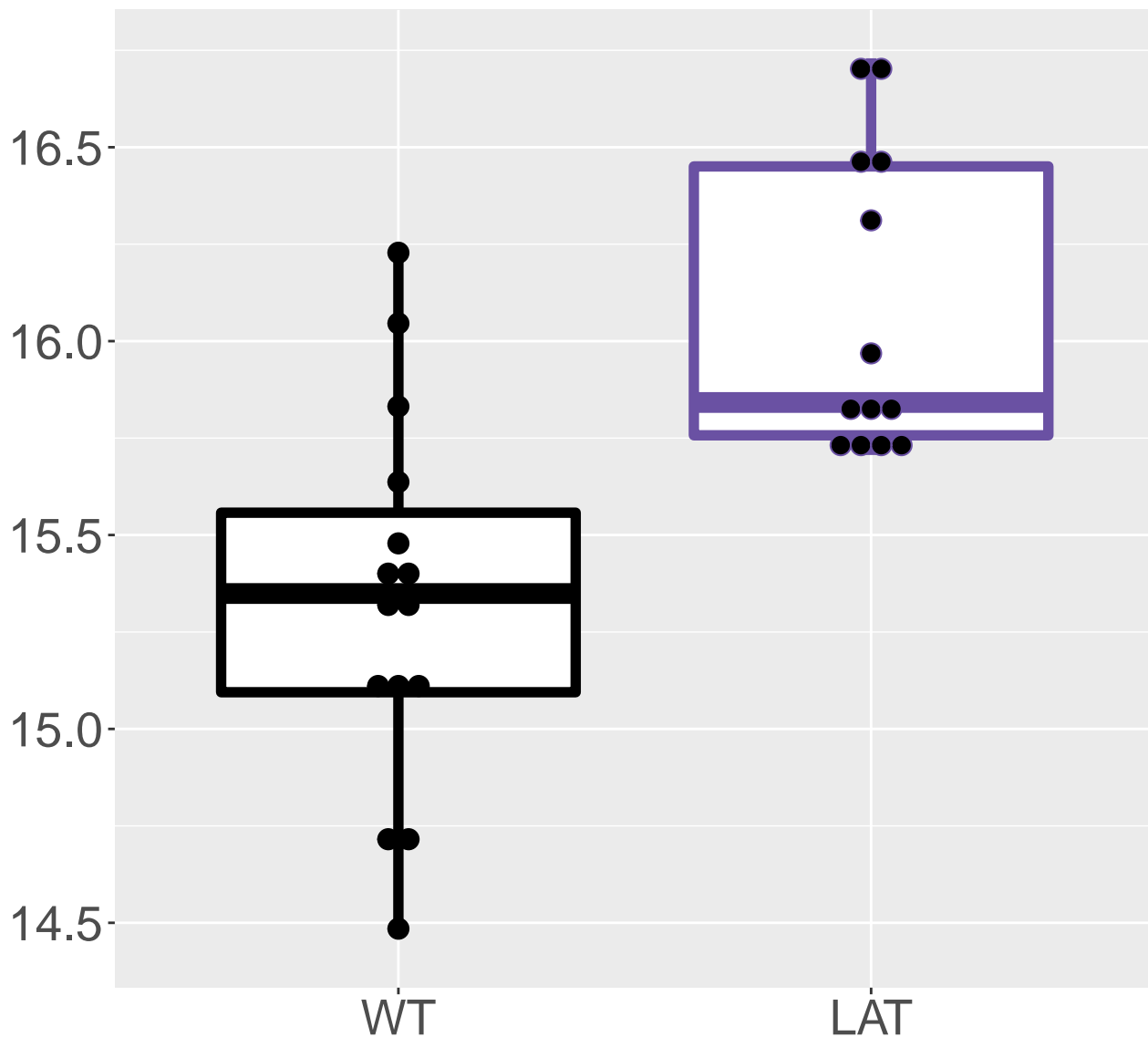


**M171.0302T644.68**  
**FDR = 0.0033, FC = 1.3**



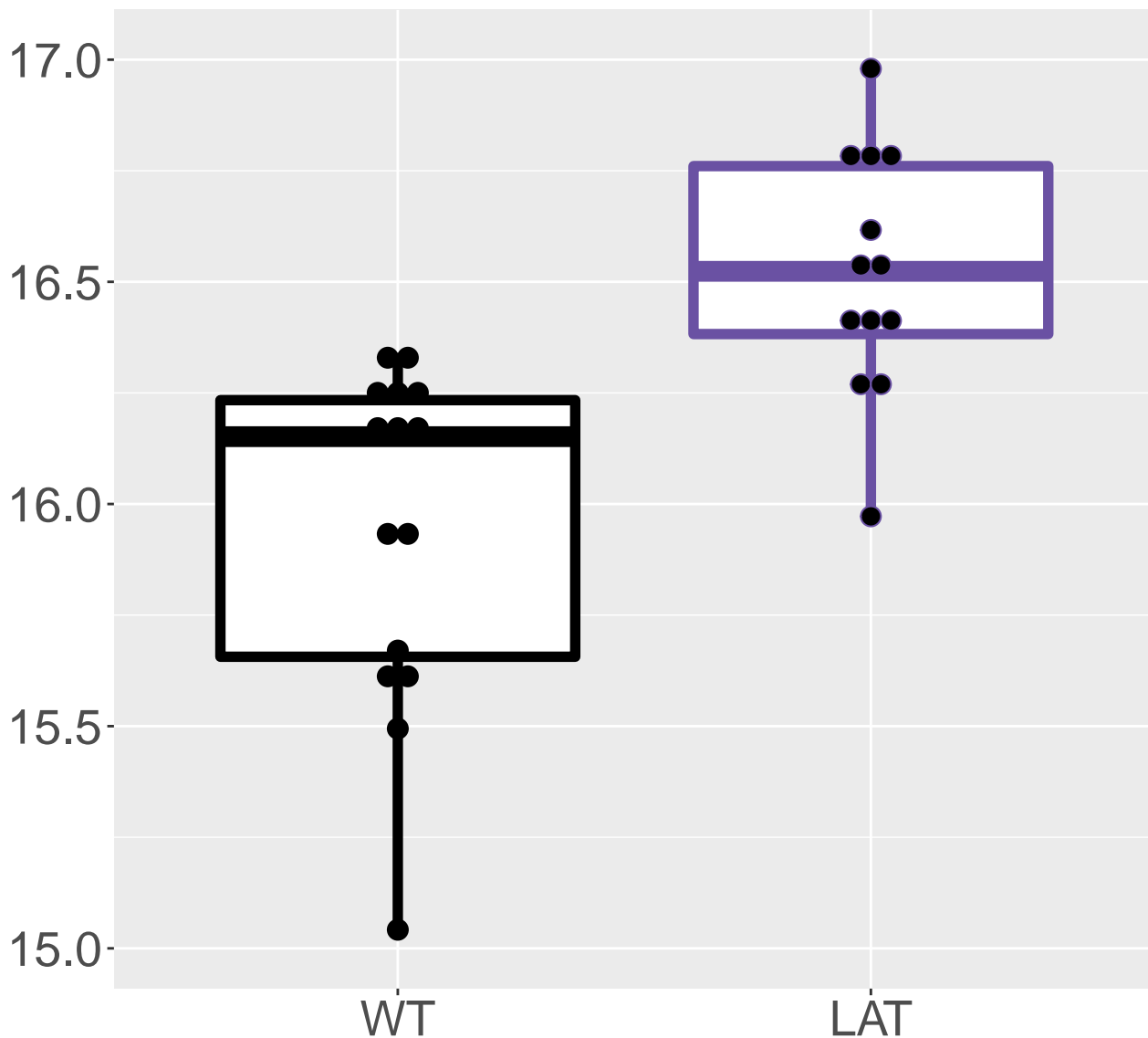
**M178.0182T209.28**

**FDR = 0.0033, FC = 0.75**



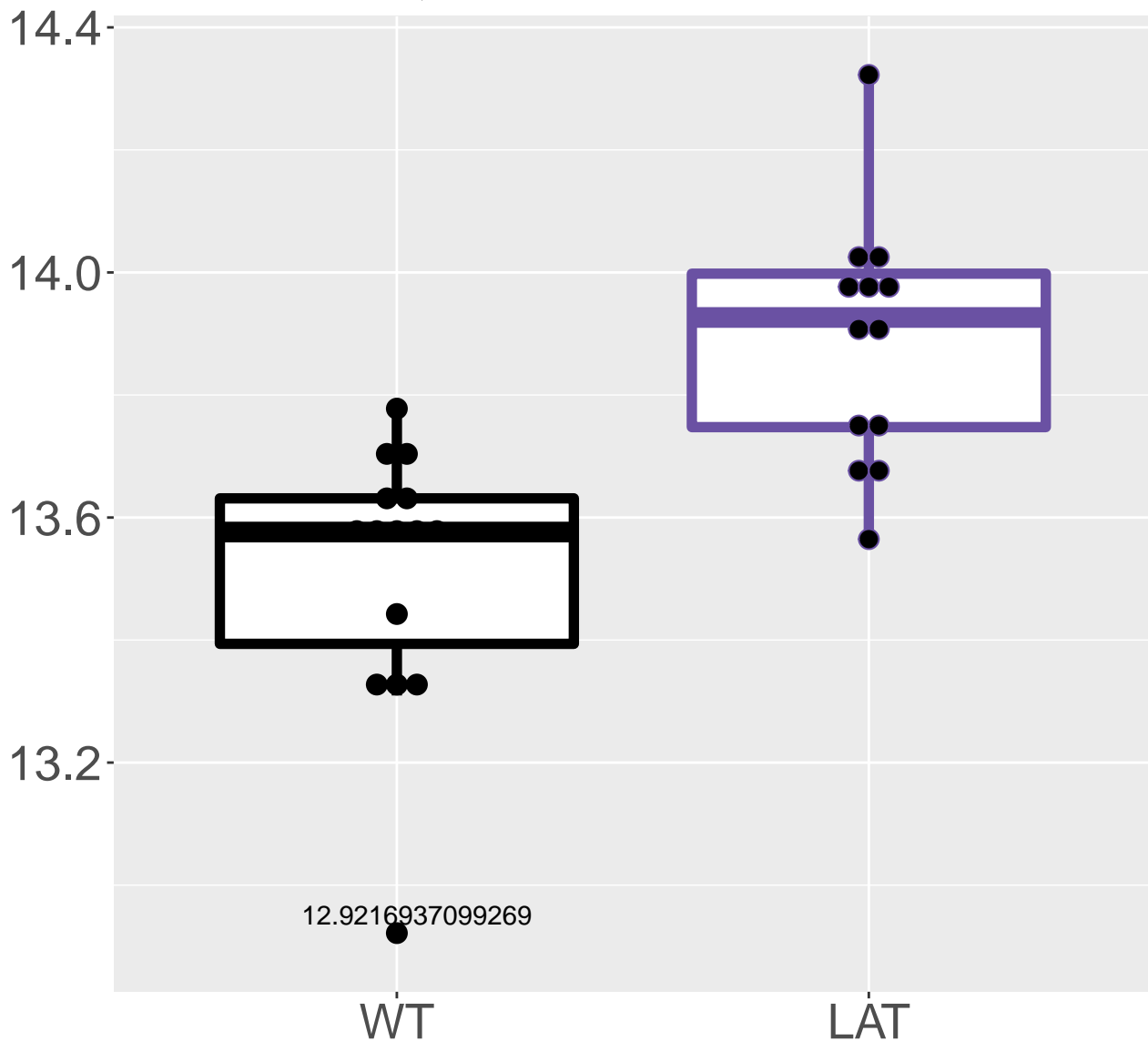


**M324.9207T993.64\_1**  
**FDR = 0.0033, FC = 0.57**



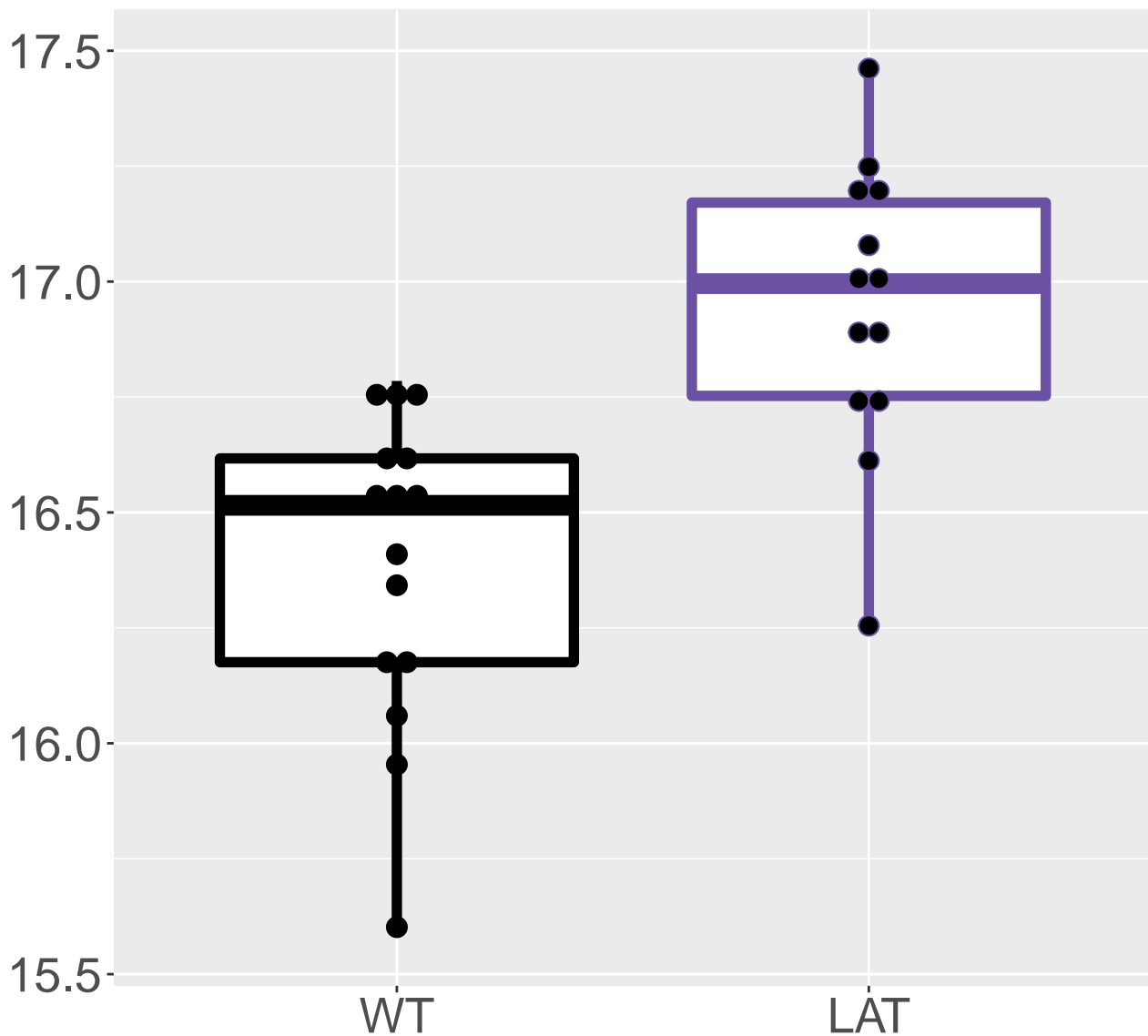
**M262.8785T1023.96**

**FDR = 0.0033, FC = 0.38**



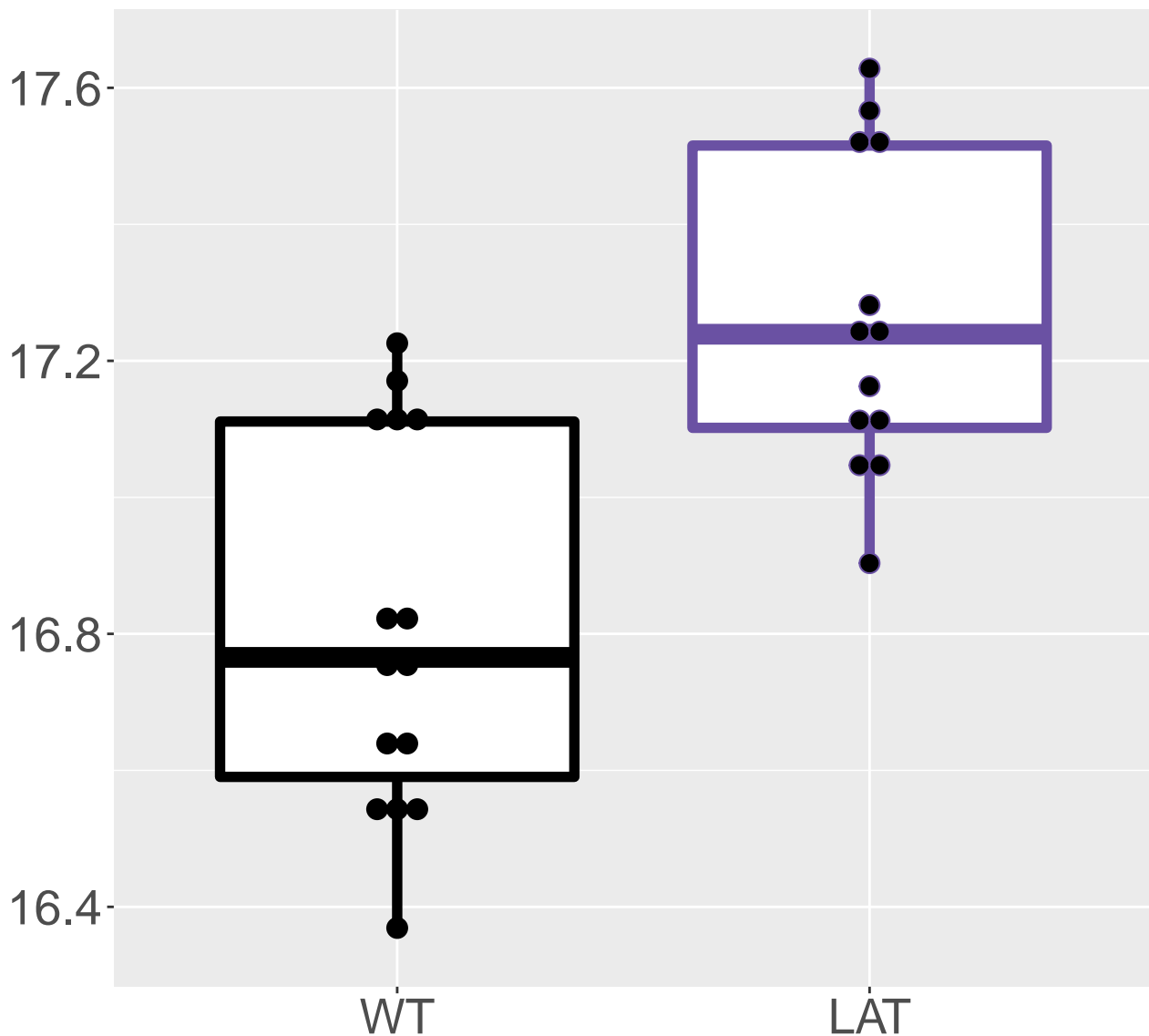
**M344.9169T993.37**

**FDR = 0.0034, FC = 0.56**



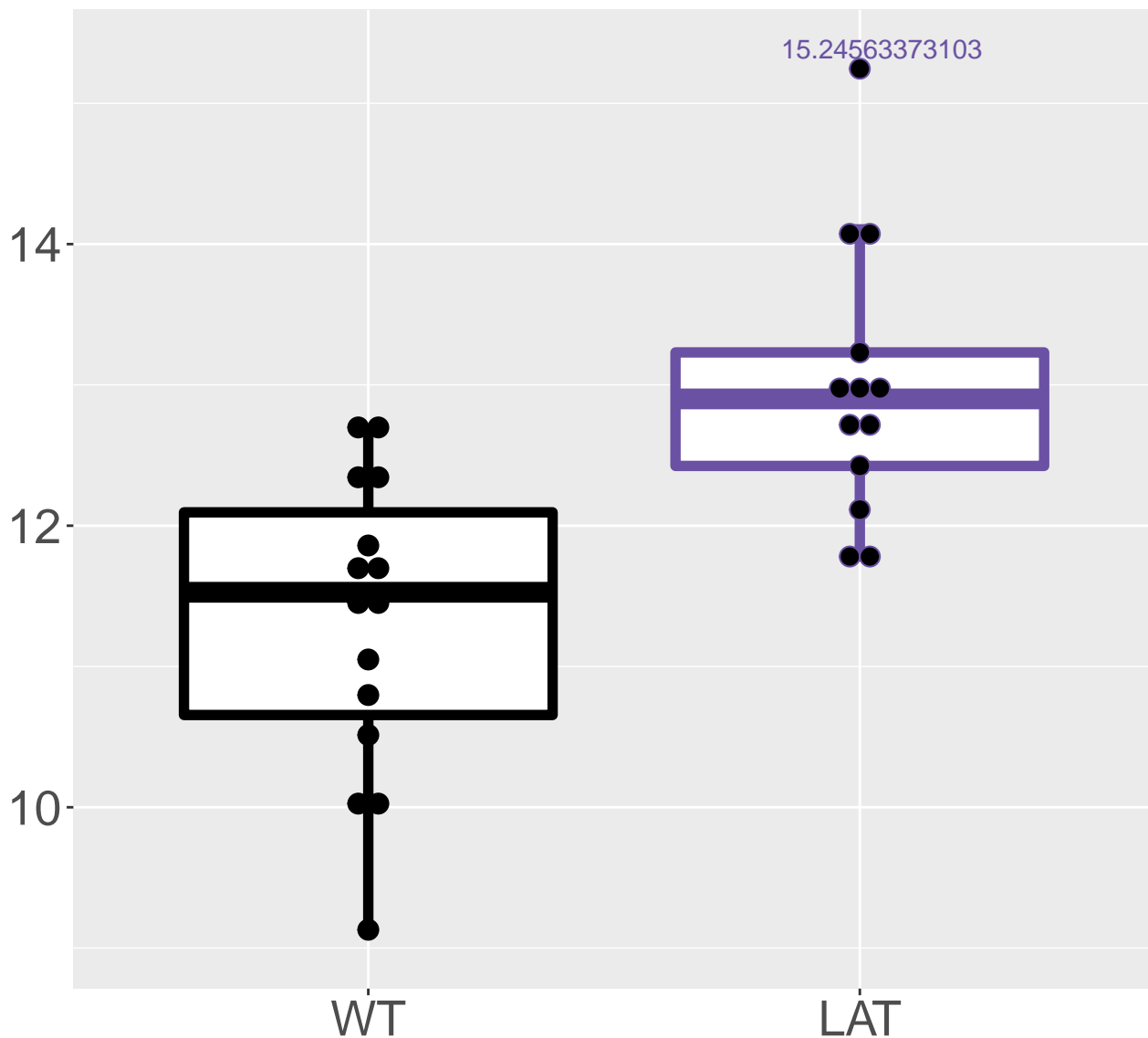
**M103.0766T113.98**

**FDR = 0.0034, FC = 0.45**

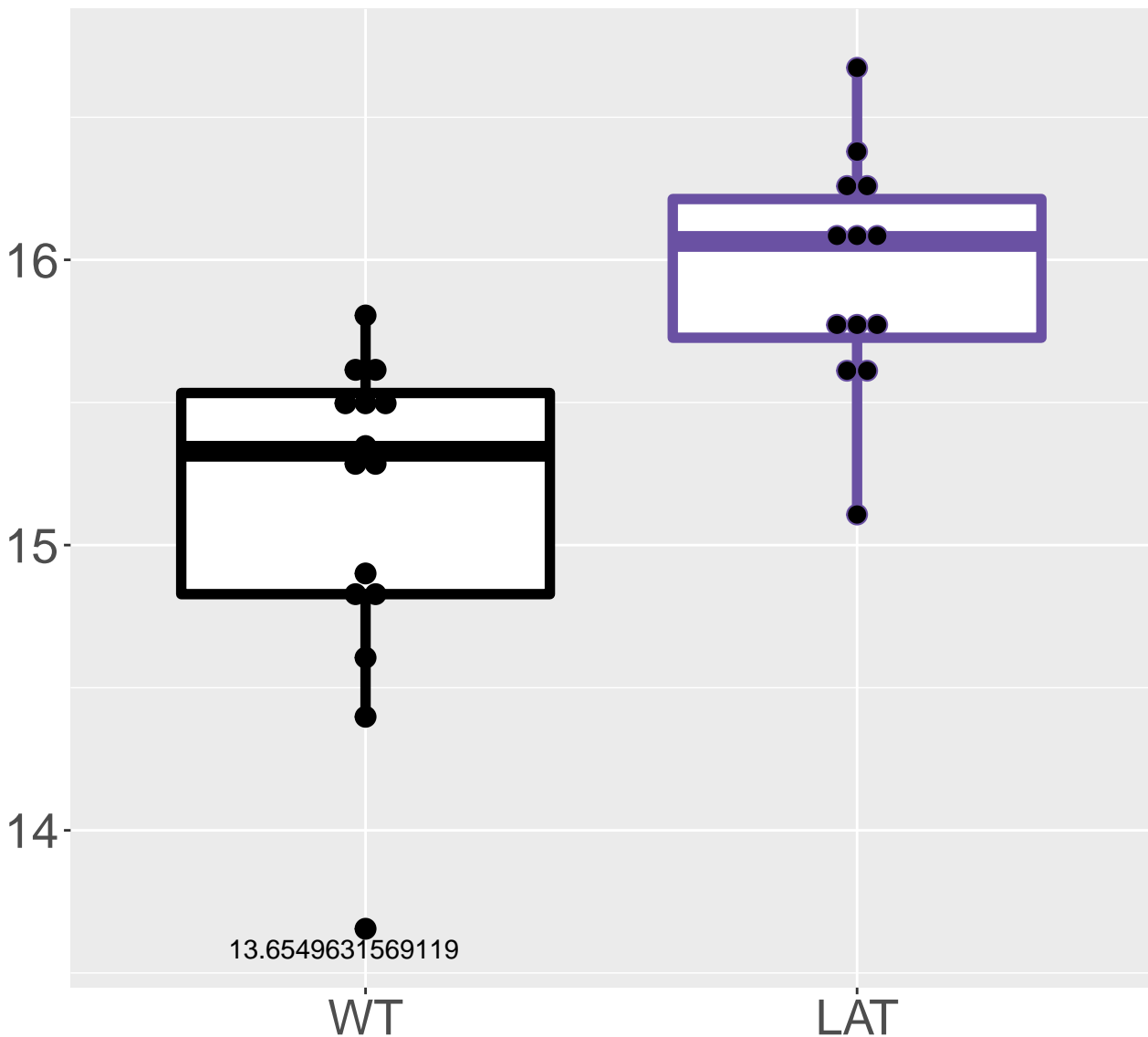


**M170.943T640.96**

**FDR = 0.0034, FC = 1.7**

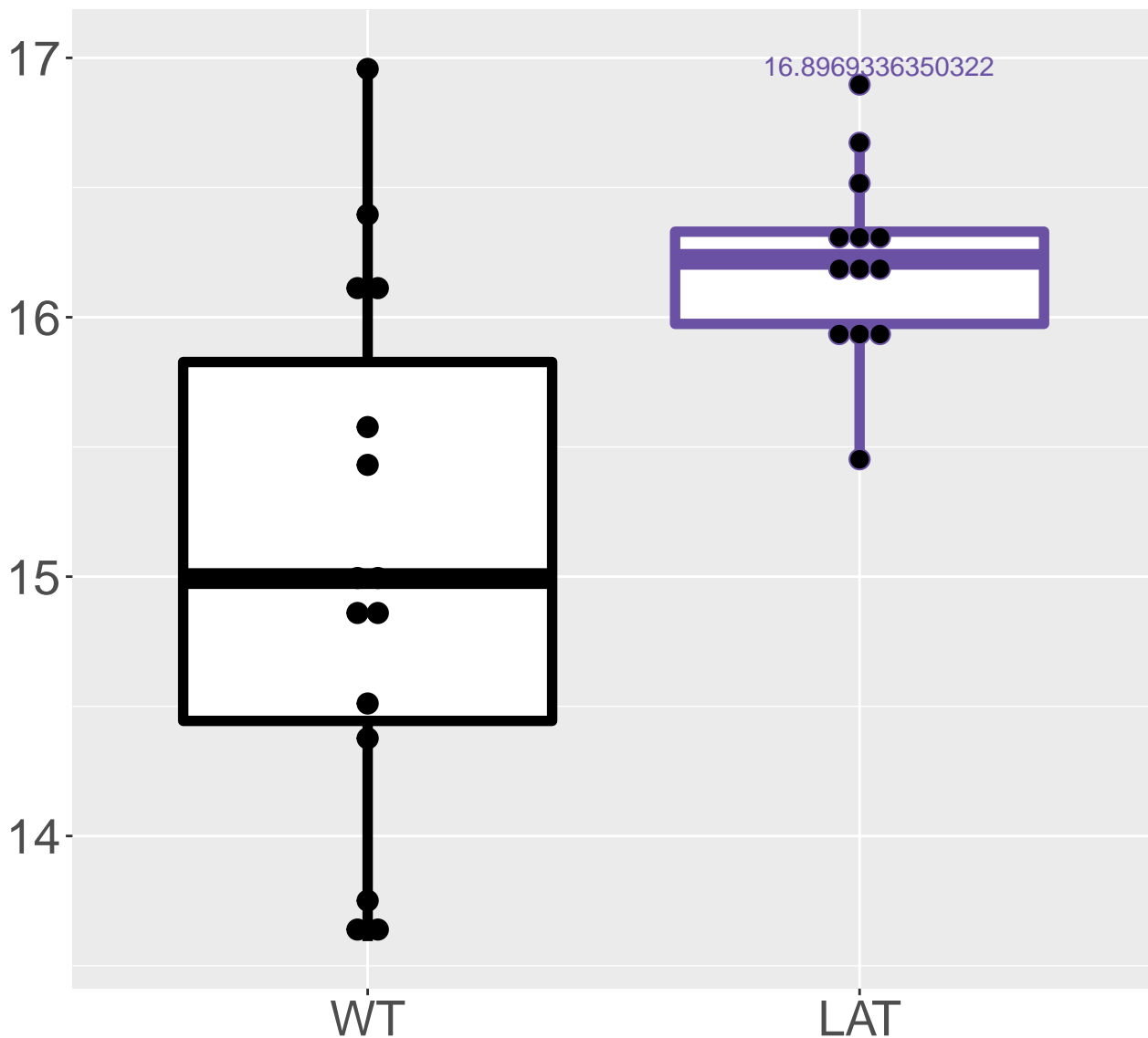


**M472.3844T993.32**  
**FDR = 0.0034, FC = 0.85**



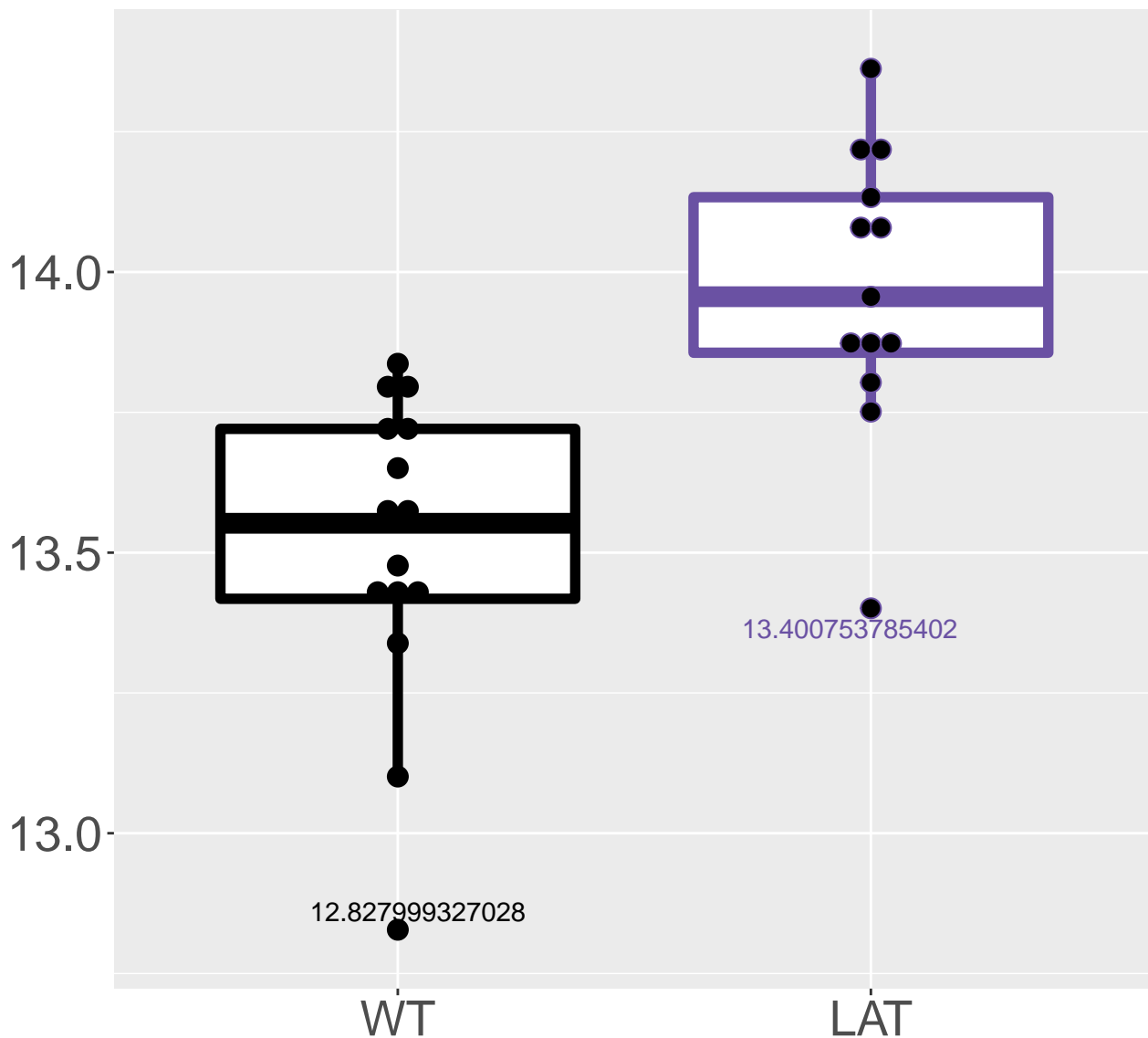
**M303.0364T537.53**

**FDR = 0.0034, FC = 1.1, sex\***



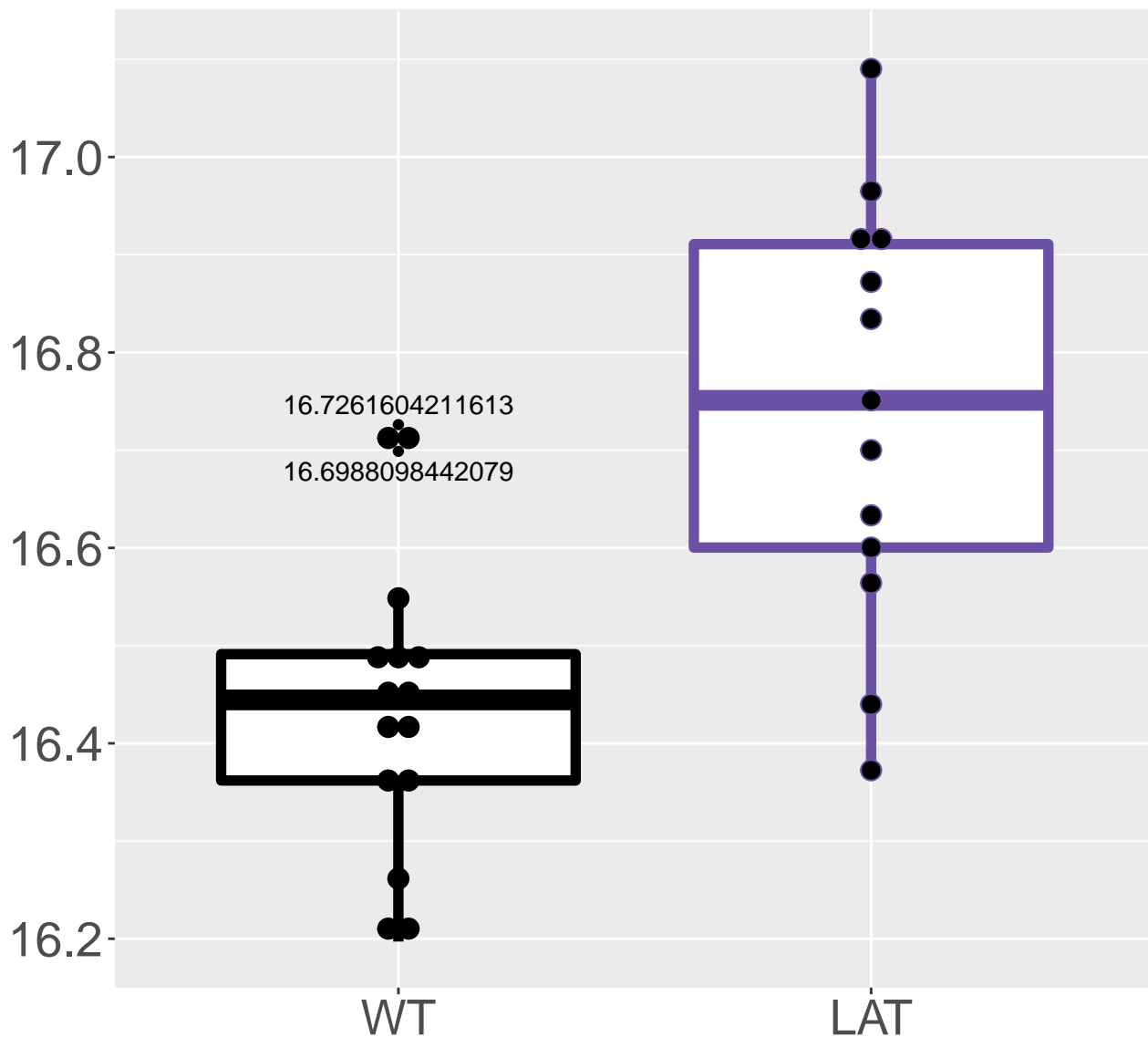
**M529.873T993.9**

**FDR = 0.0034, FC = 0.46**



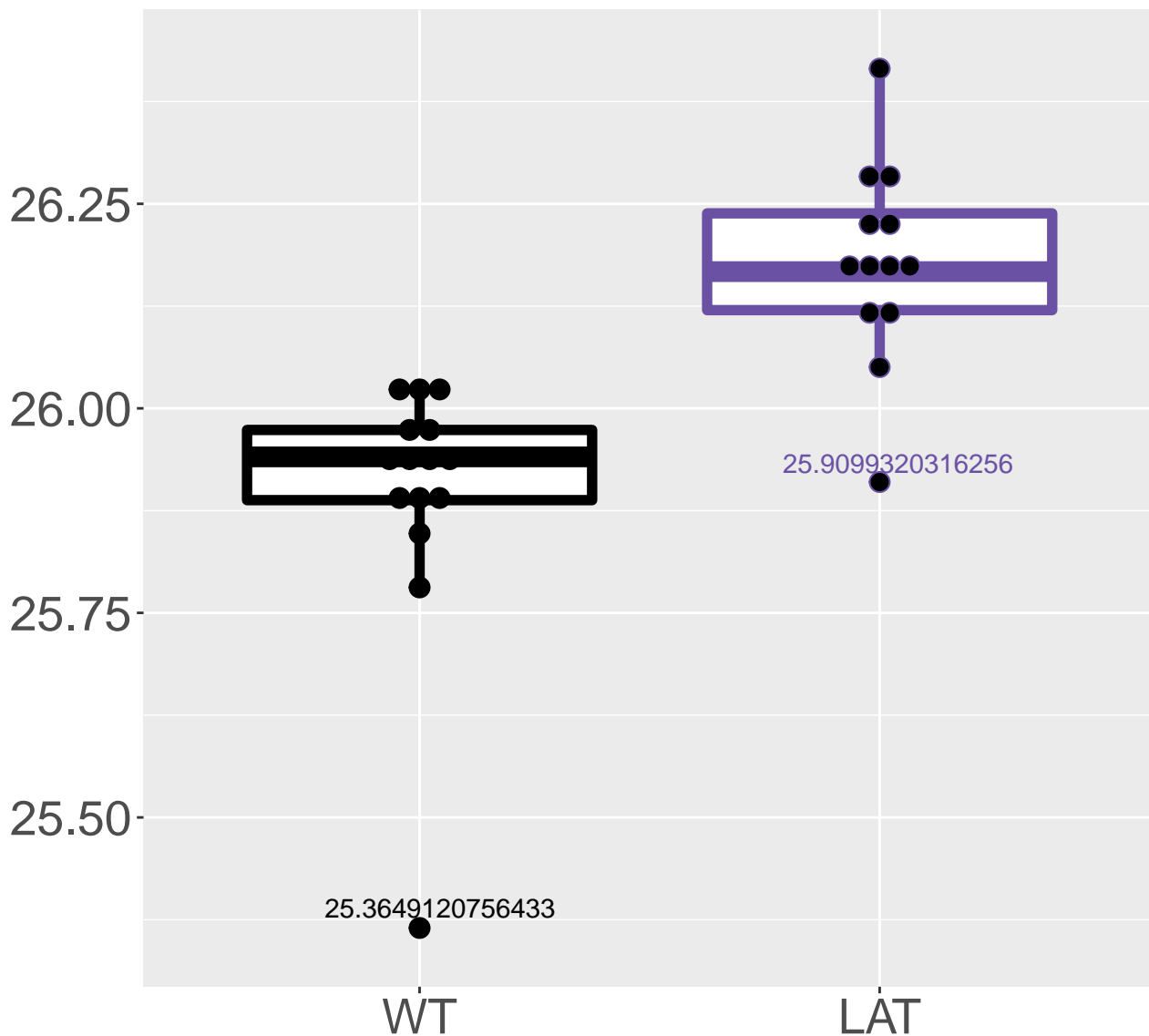


**FDR = 0.0034, FC = 0.3**

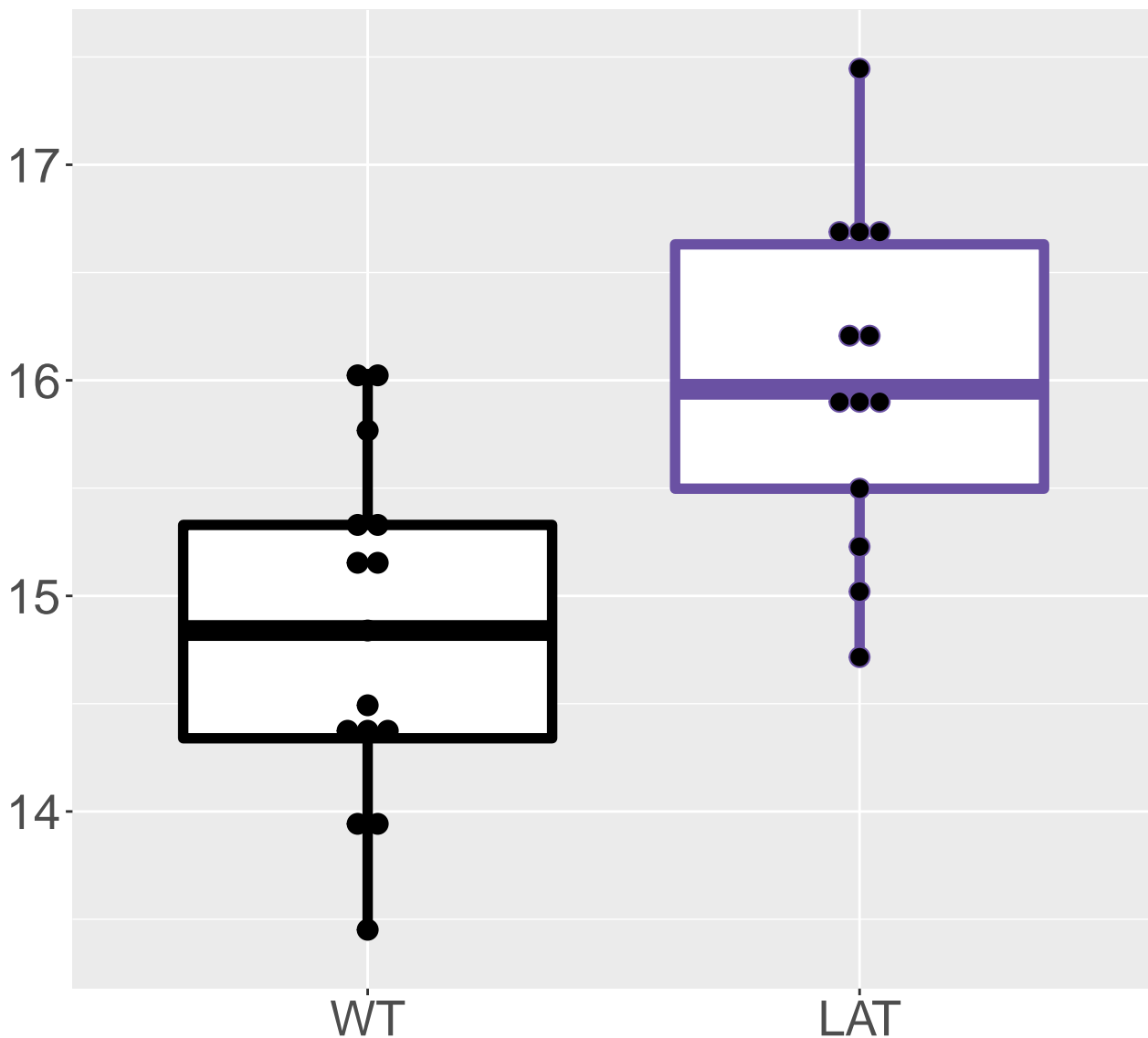


# Citric acid|Isocitric acid

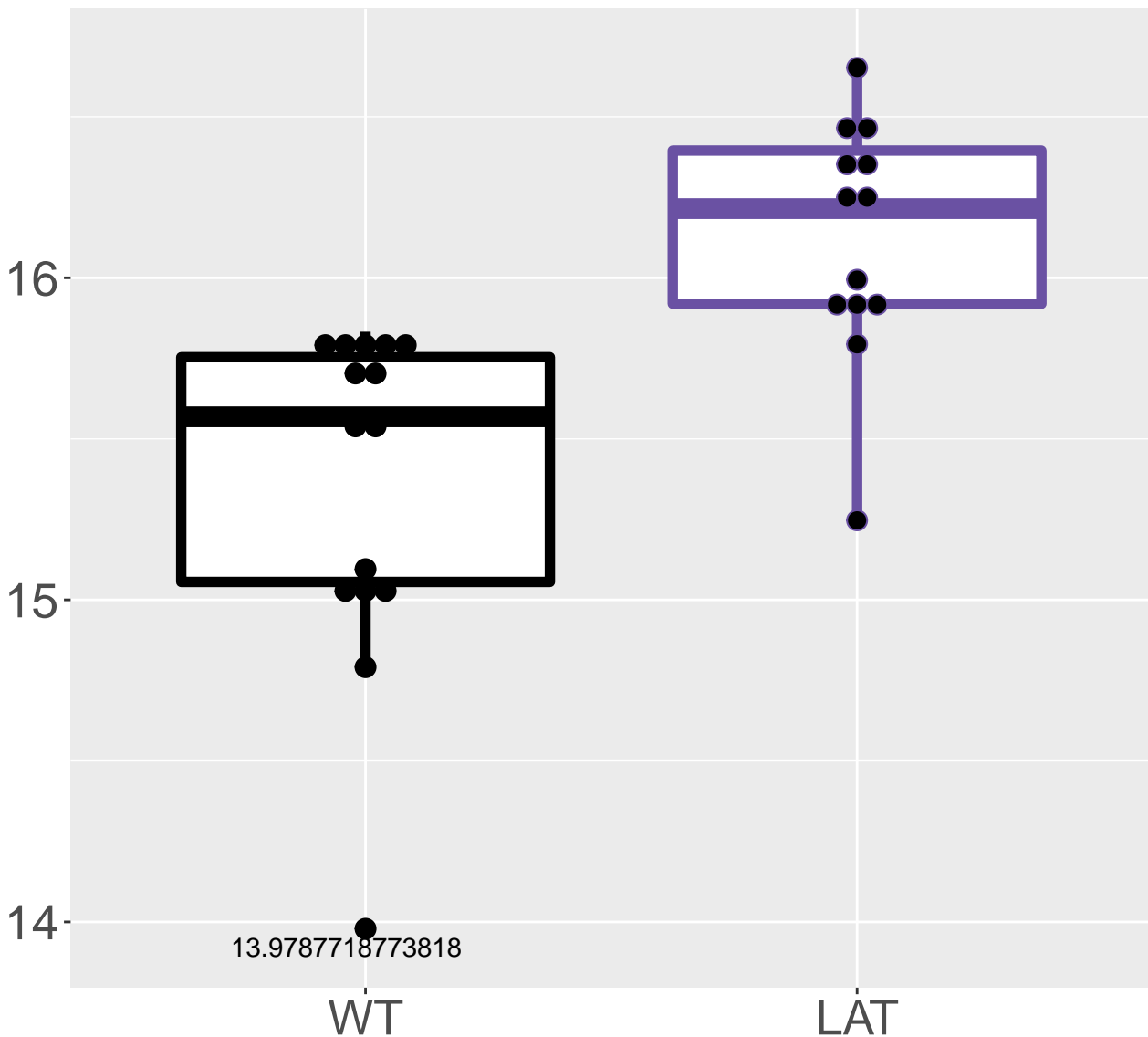
FDR = 0.0034, FC = 0.28



**M274.0257T555.81**  
**FDR = 0.0035, FC = 1.2**

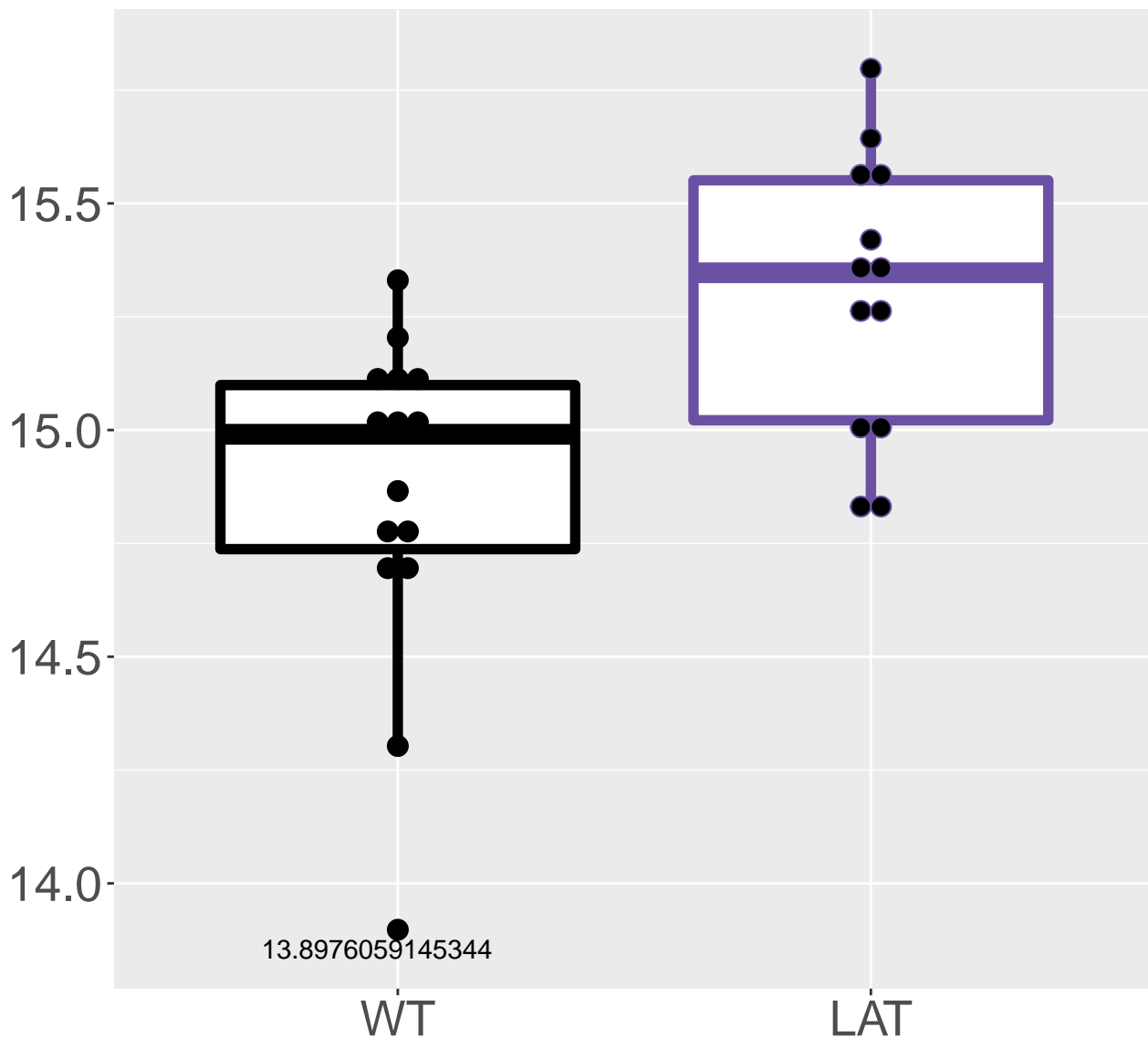


**M419.8939T993.37**  
**FDR = 0.0035, FC = 0.76**



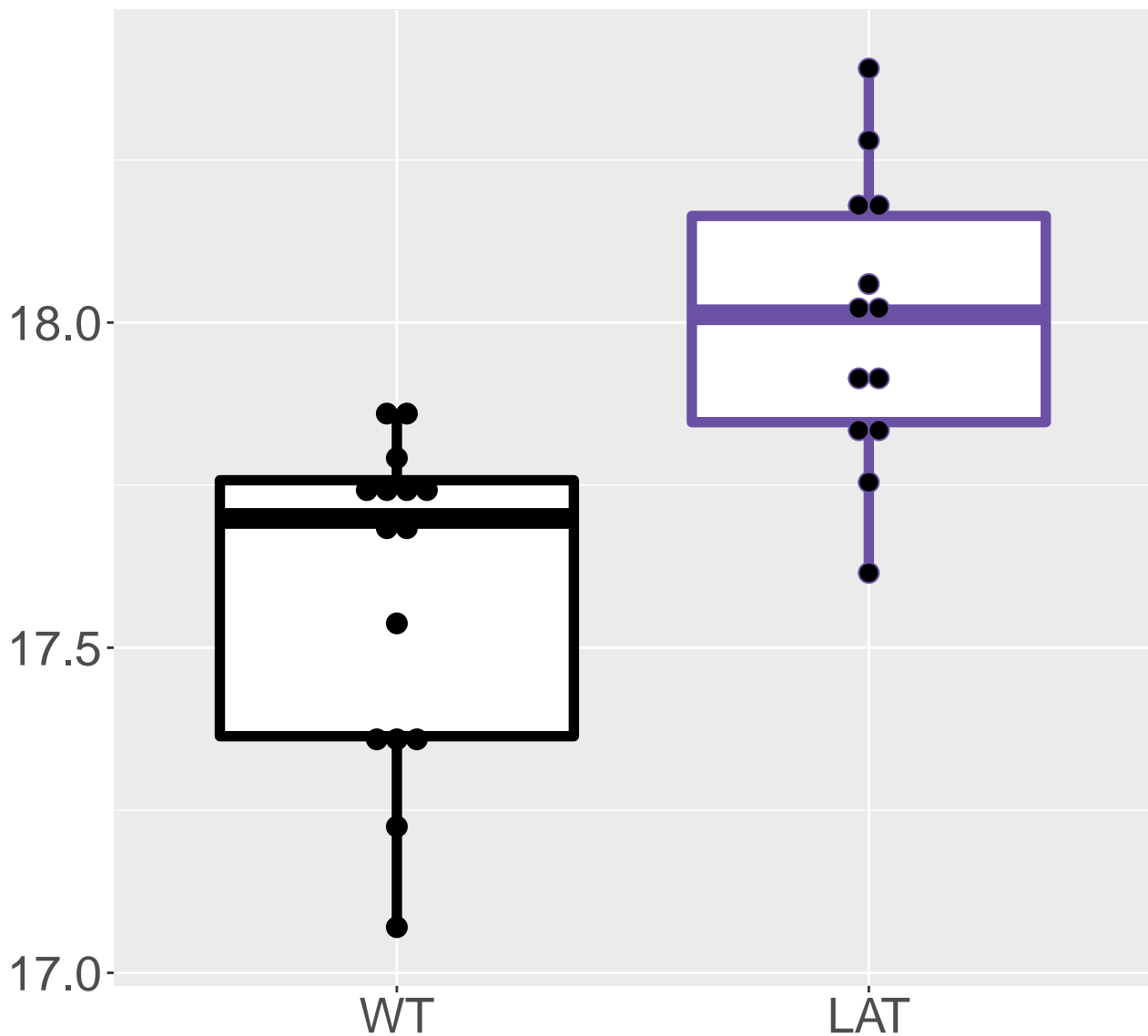
**M431.0775T123.48**

**FDR = 0.0035, FC = 0.44, sex\*\***

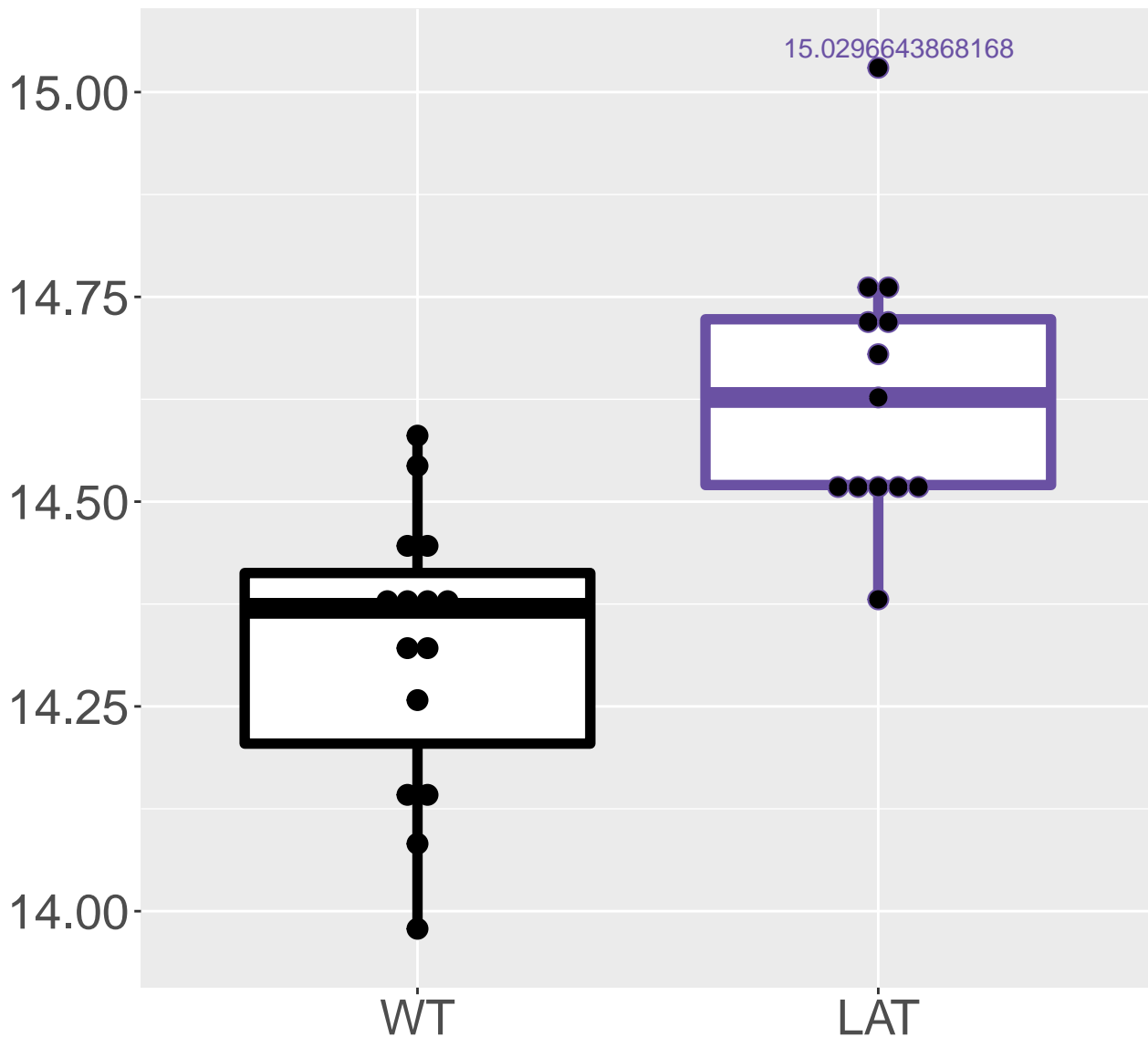


**M437.9355T993.58**

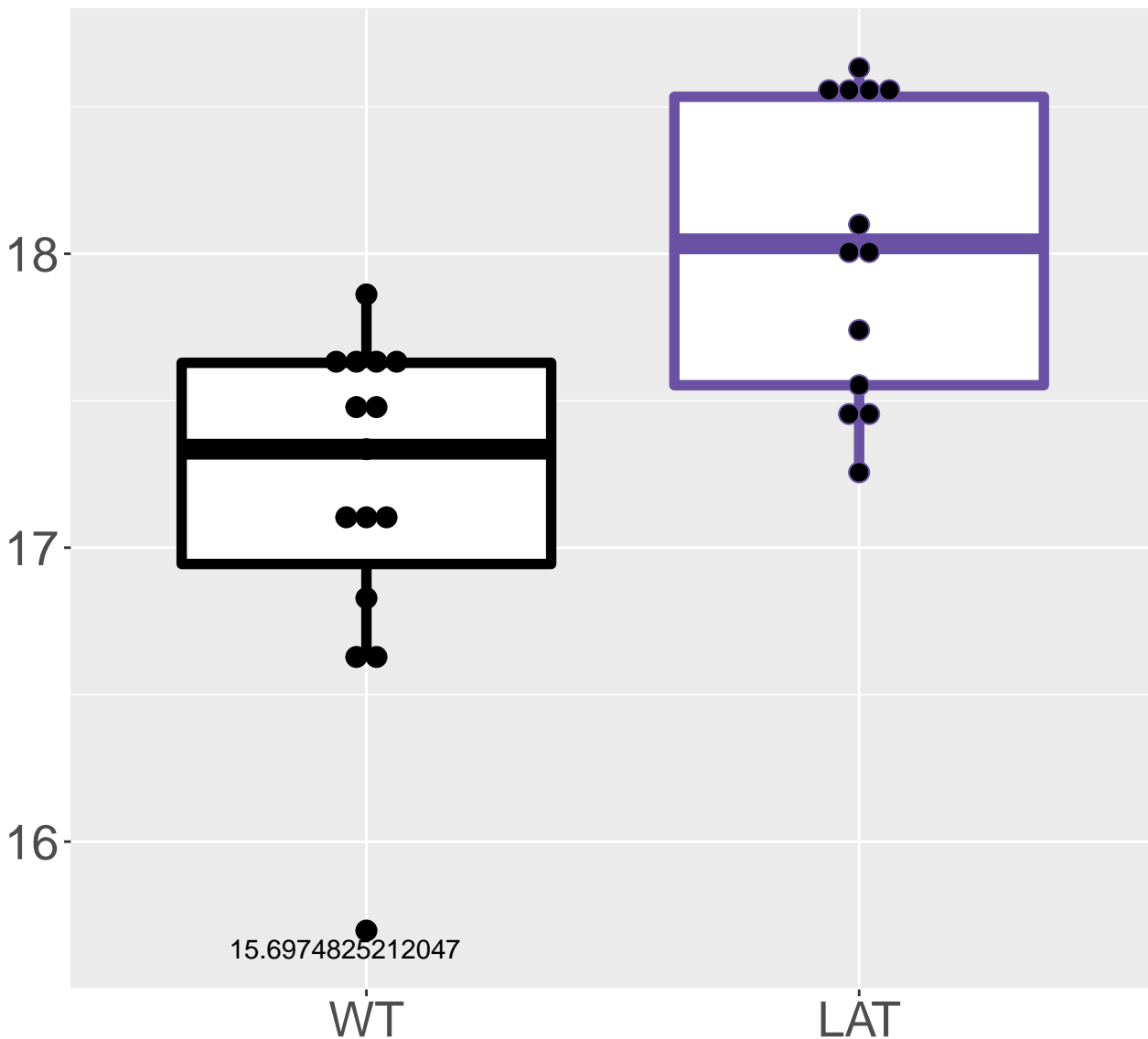
**FDR = 0.0035, FC = 0.41**



**M406.8246T1025.17**  
**FDR = 0.0035, FC = 0.32**

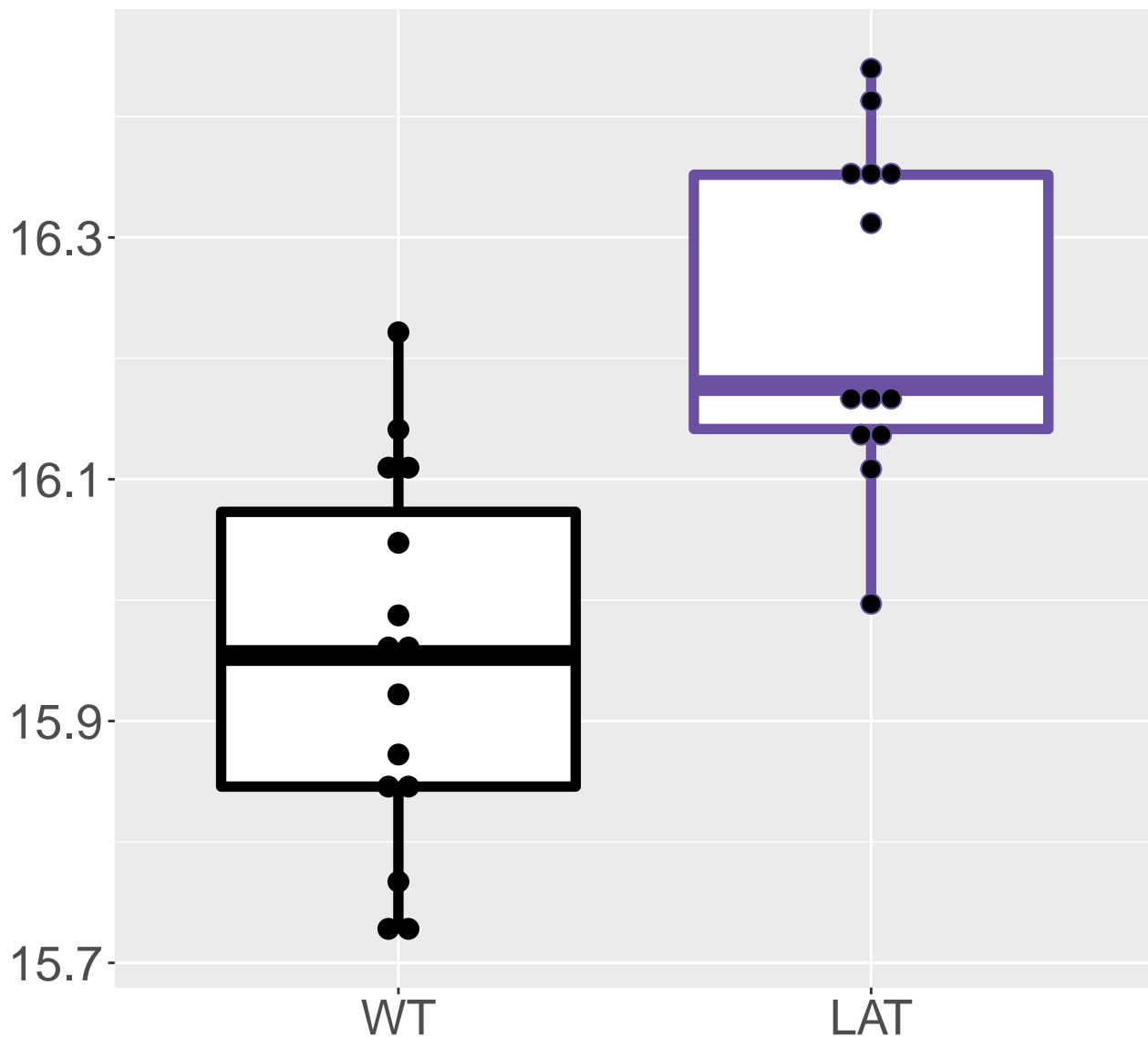


**M231.0779T147.97**  
**FDR = 0.0035, FC = 0.85**



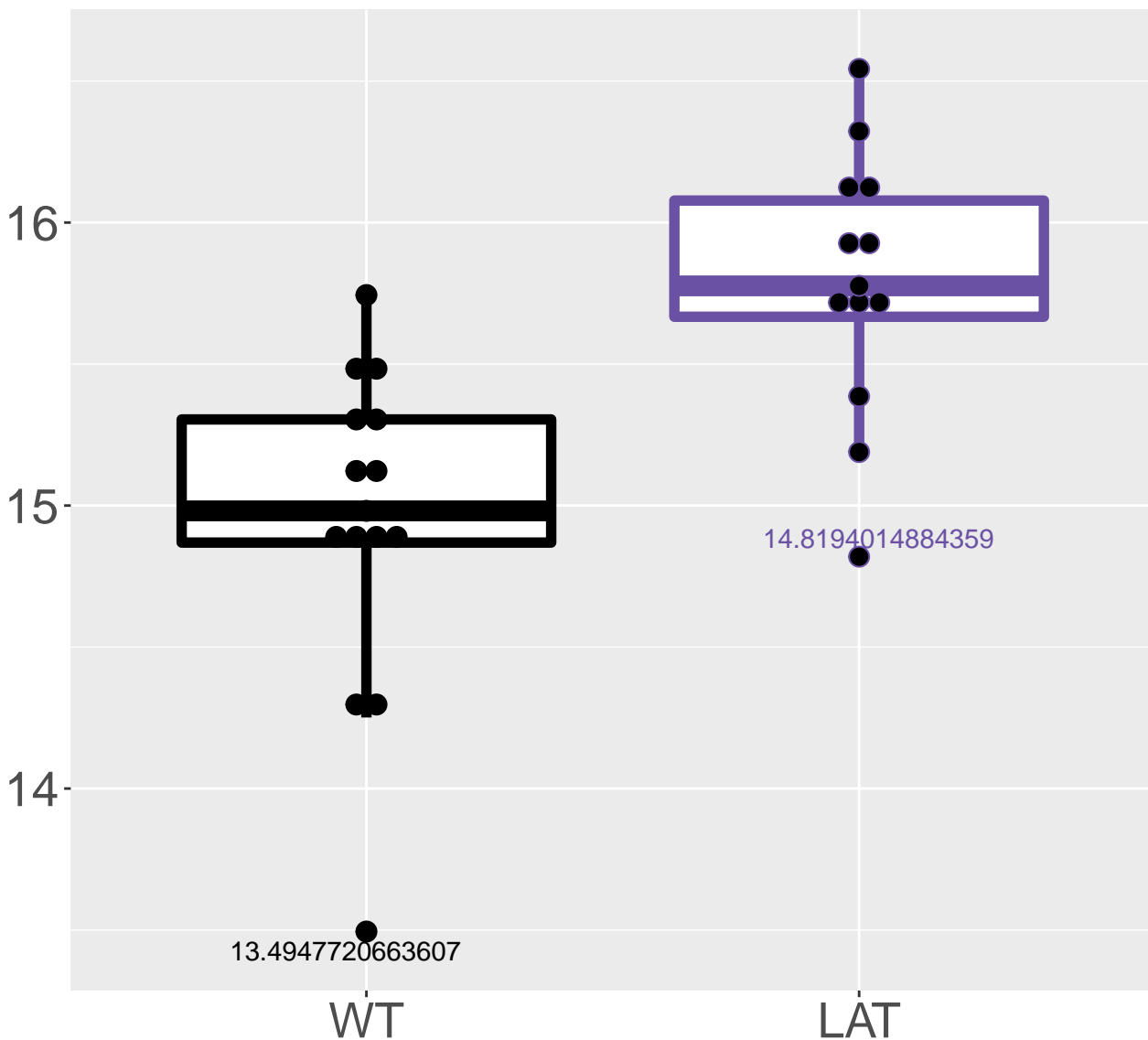


**FDR = 0.0035, FC = 0.29**



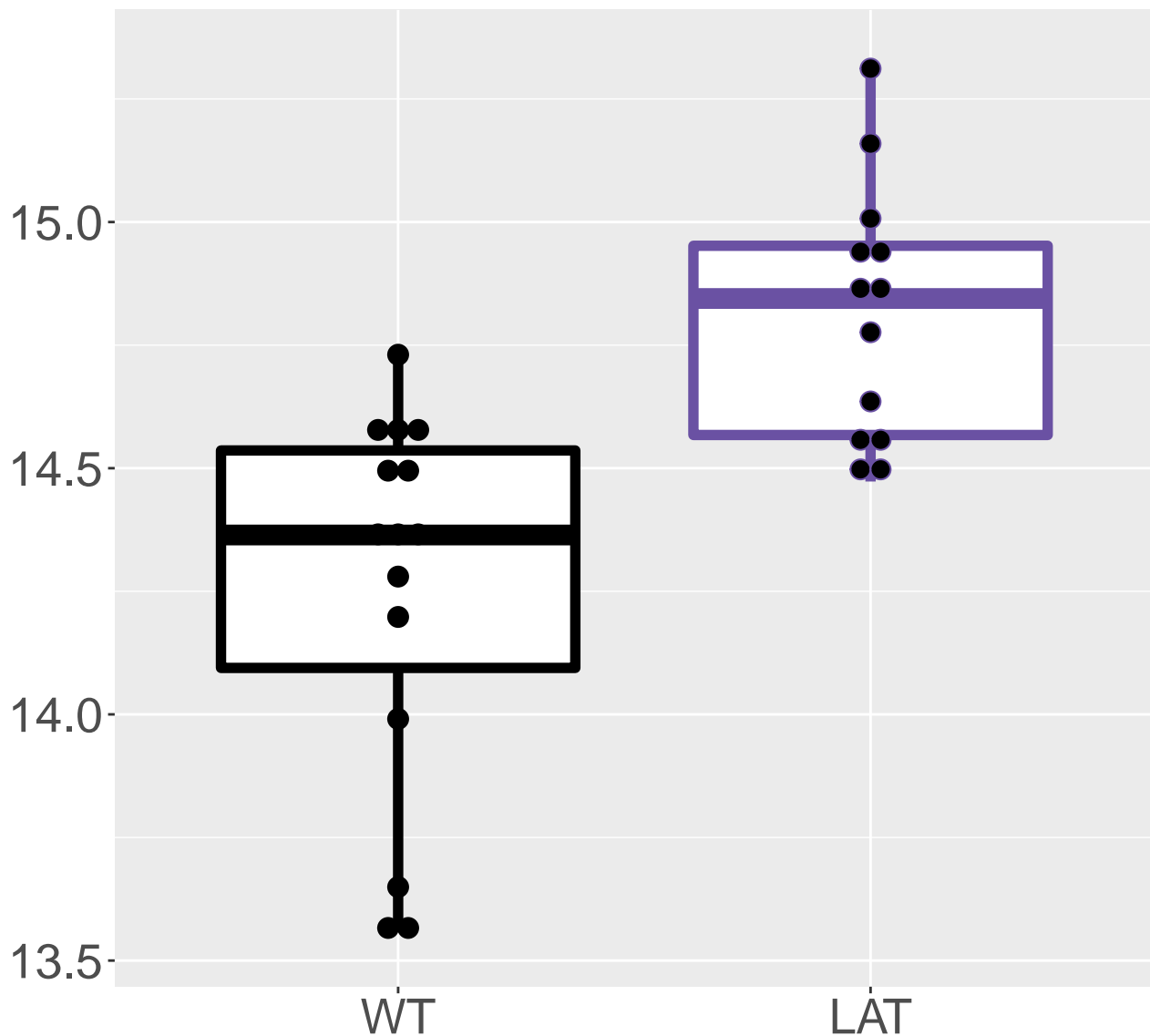
**M361.093T494.33**

**FDR = 0.0036, FC = 0.84**



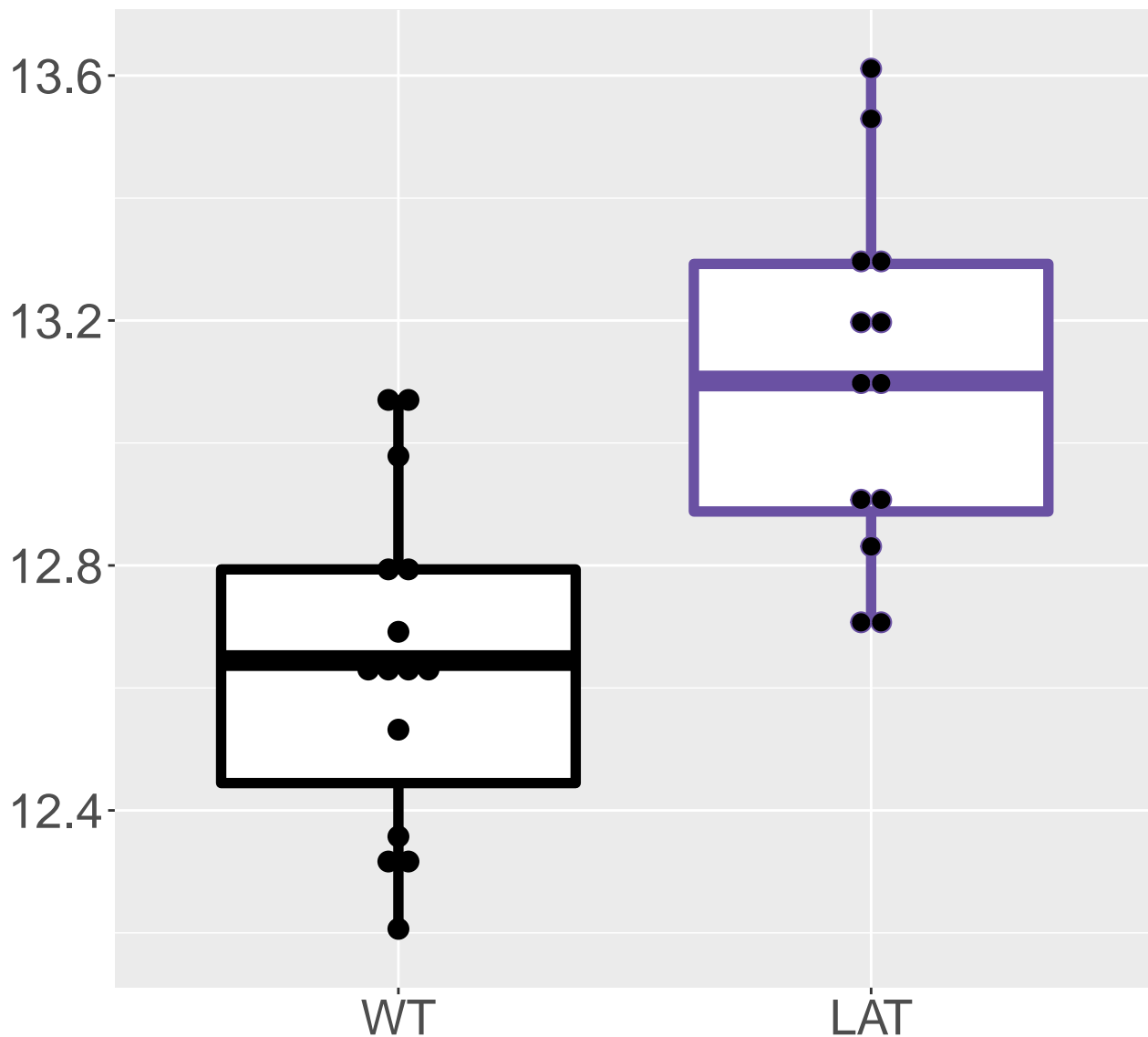
**M484.8716T993.37**

**FDR = 0.0036, FC = 0.56**



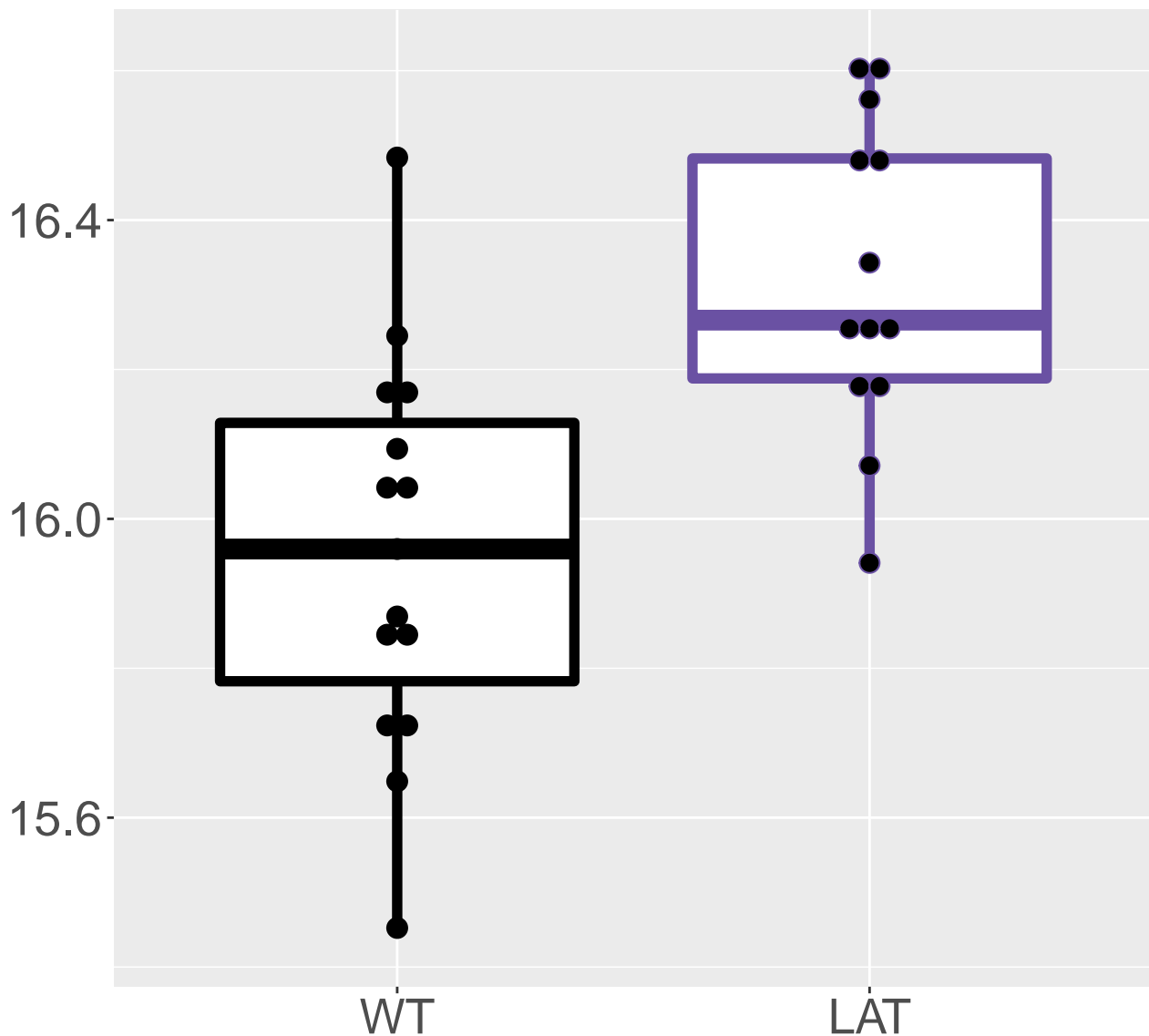
**M482.7366T1026.96**

**FDR = 0.0036, FC = 0.46**

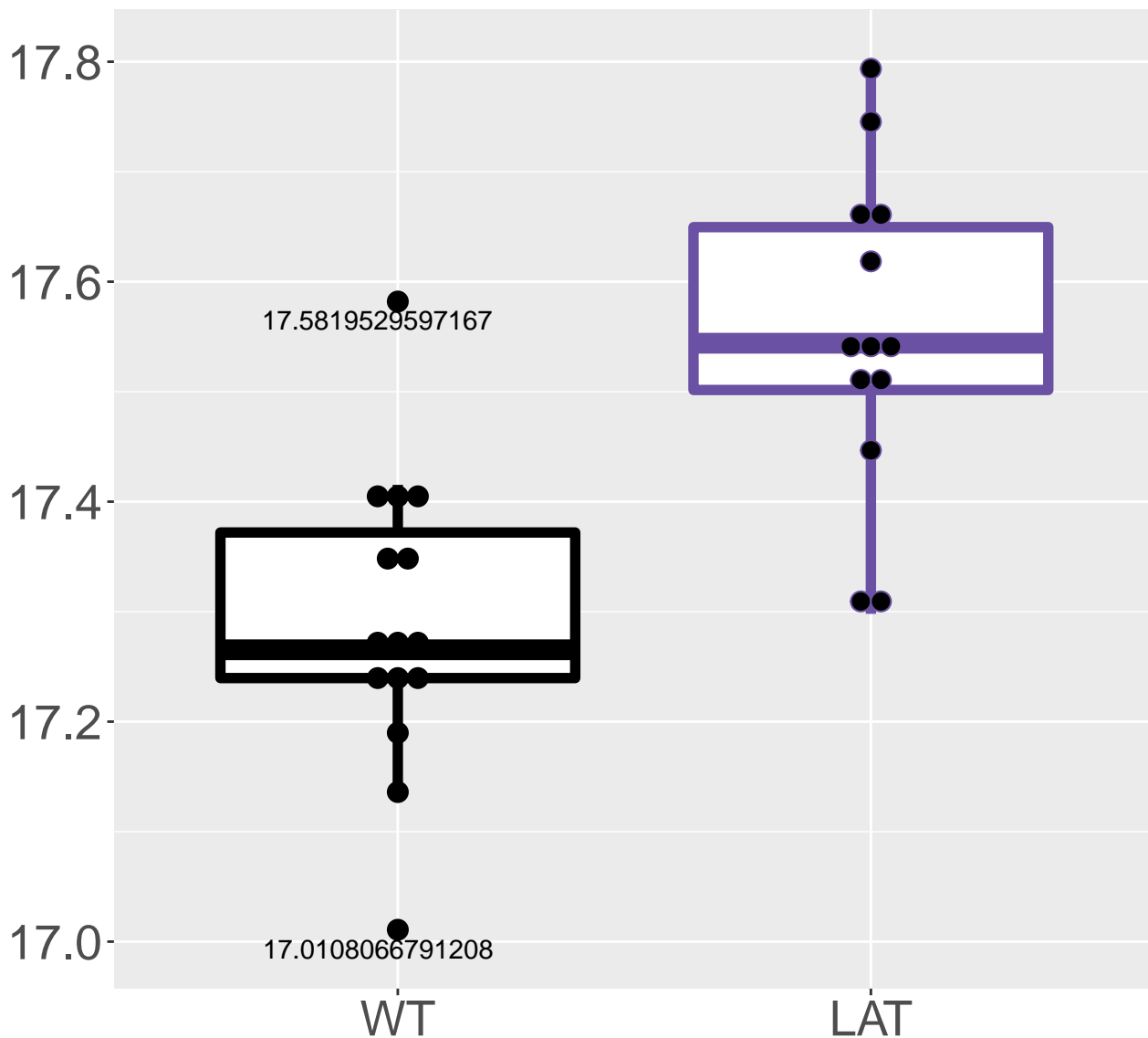


**M226.0362T209.78**

**FDR = 0.0036, FC = 0.37**

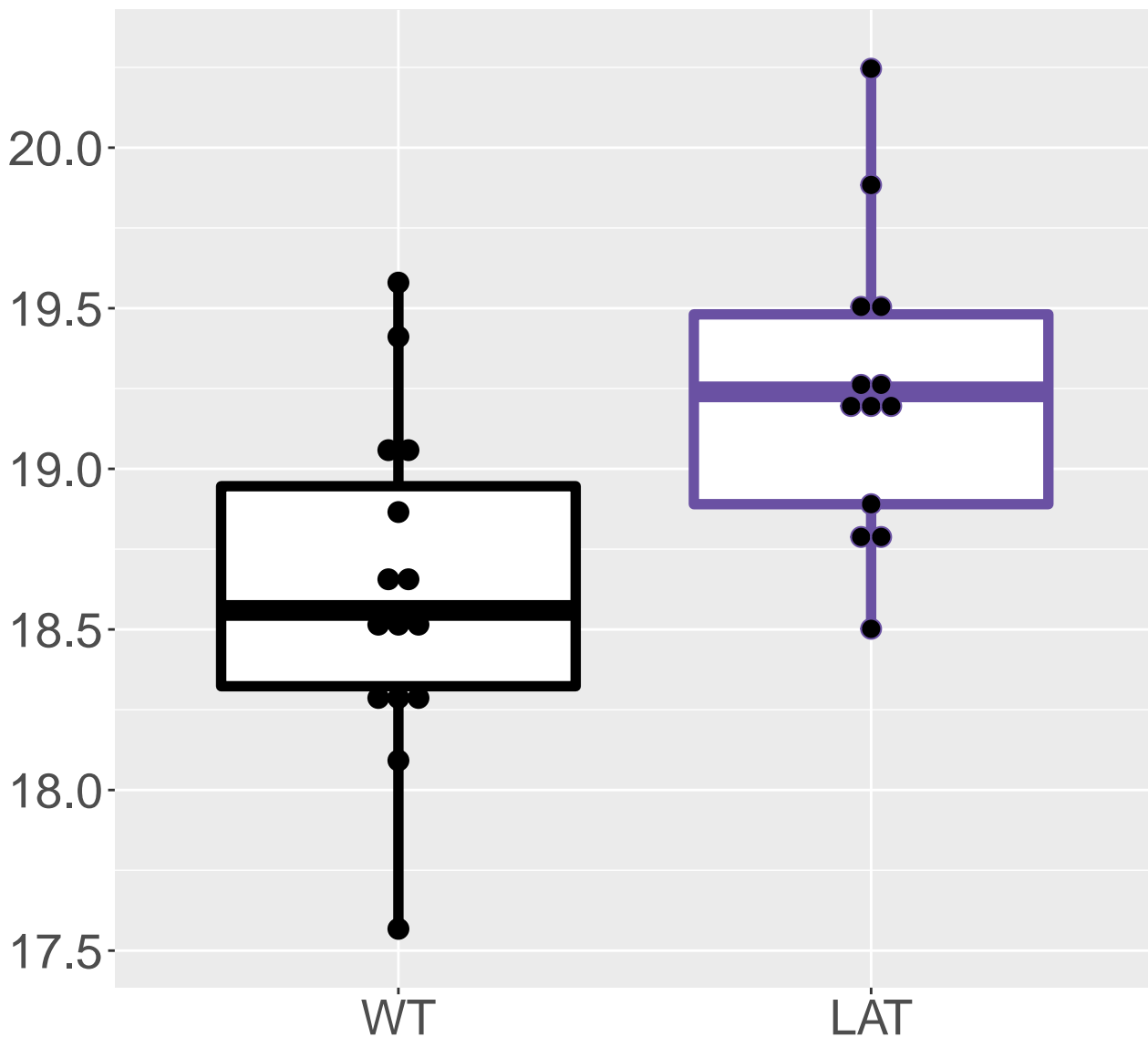


**M382.8448T1028.1**  
**FDR = 0.0036, FC = 0.26**



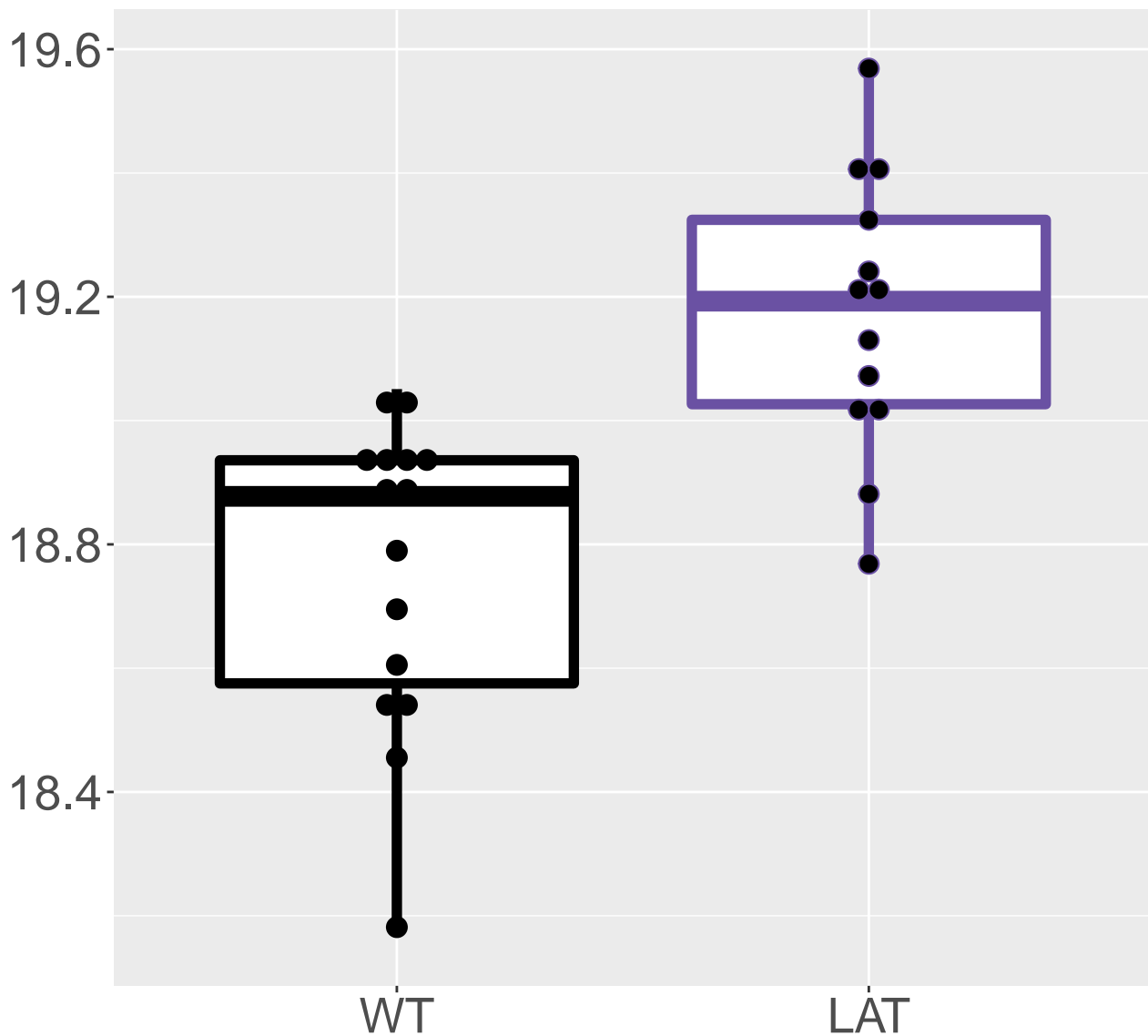
**M112.0406T521.6**

**FDR = 0.0036, FC = 0.62, sex\*\***



**M460.9017T993.71**

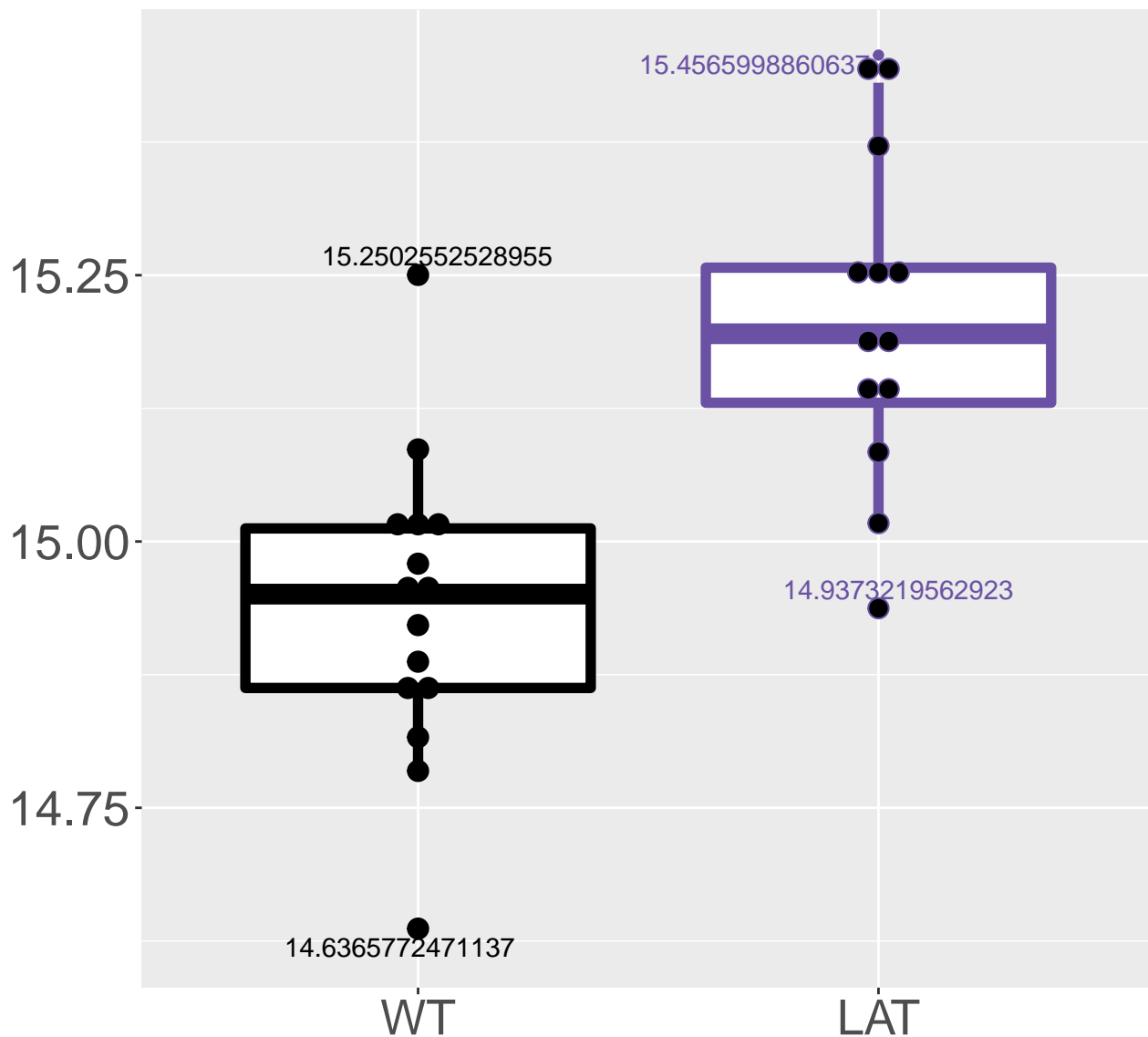
**FDR = 0.0036, FC = 0.41**





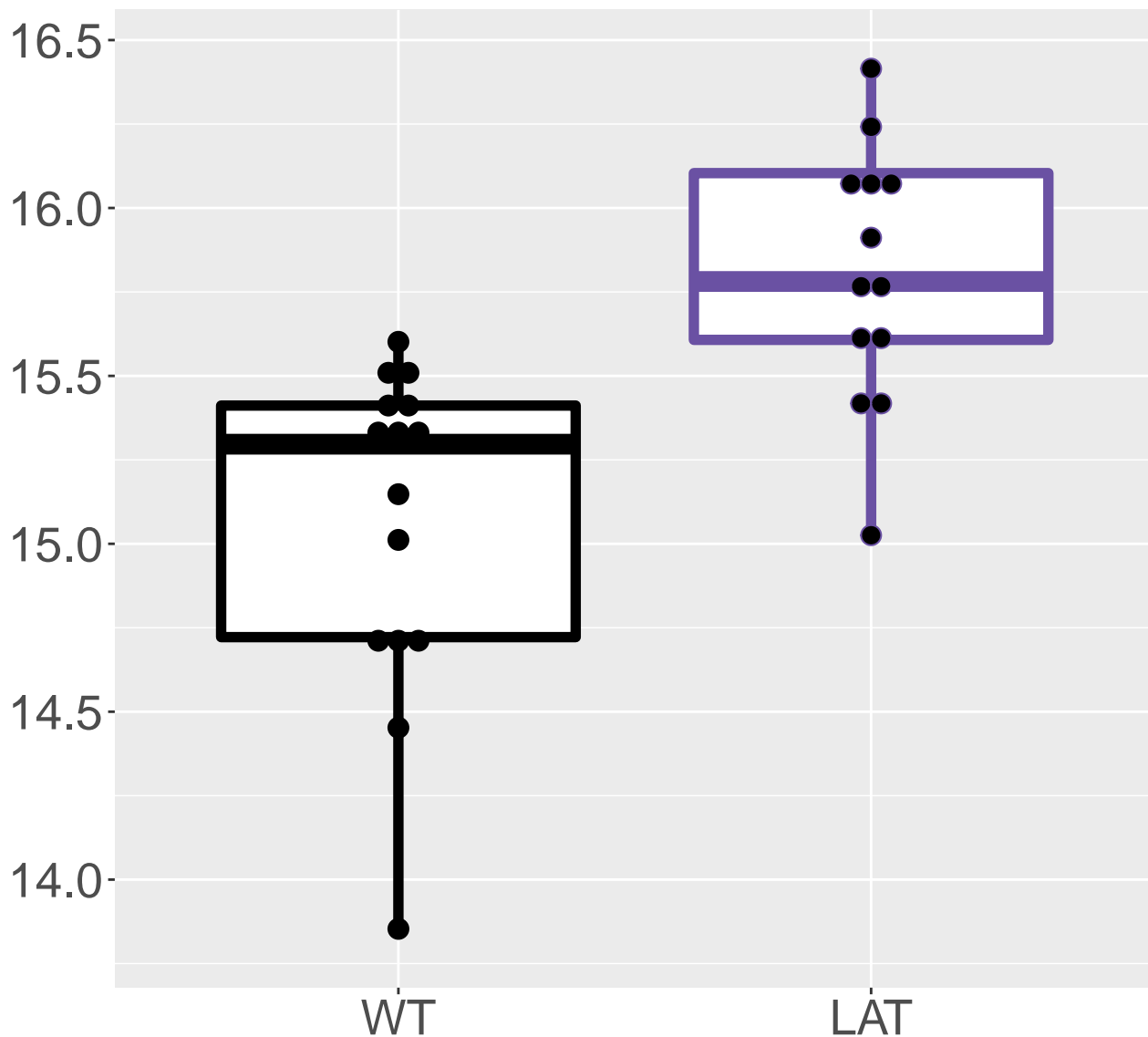
**M384.8427T1028.38**

**FDR = 0.0036, FC = 0.27**



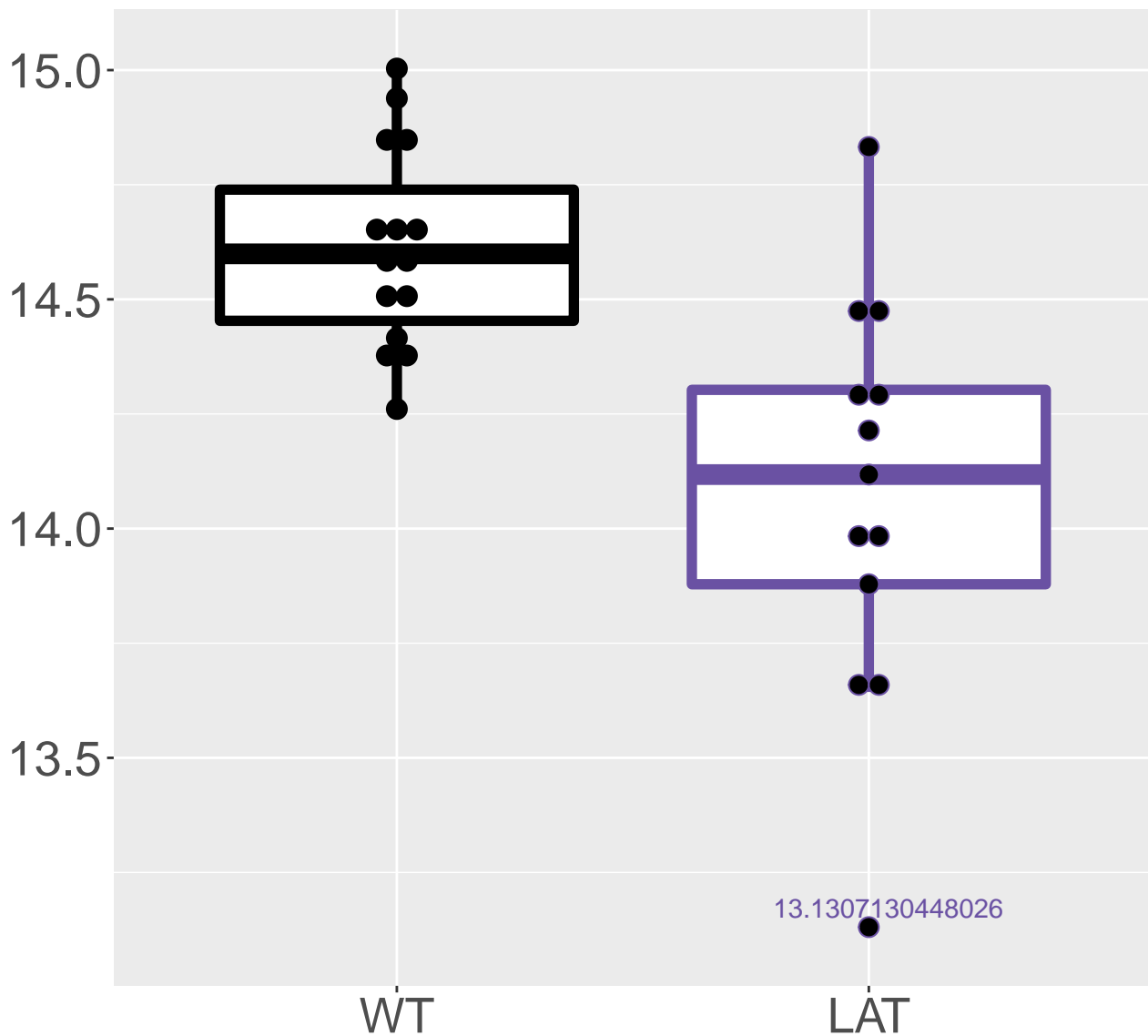
**M377.4108T993.42**

**FDR = 0.0036, FC = 0.73**



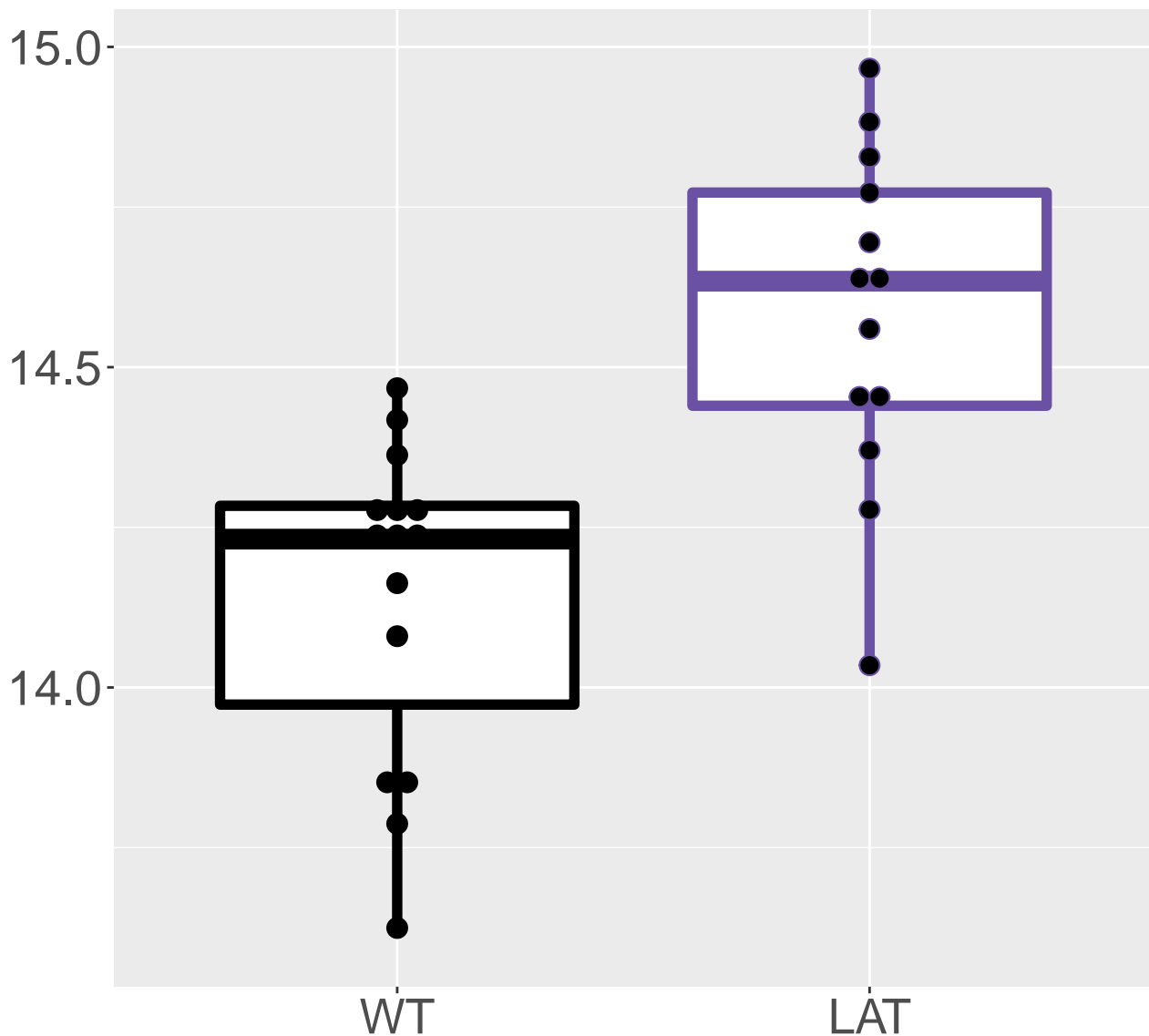
**M248.0046T349.09**

**FDR = 0.0038, FC = -0.54**



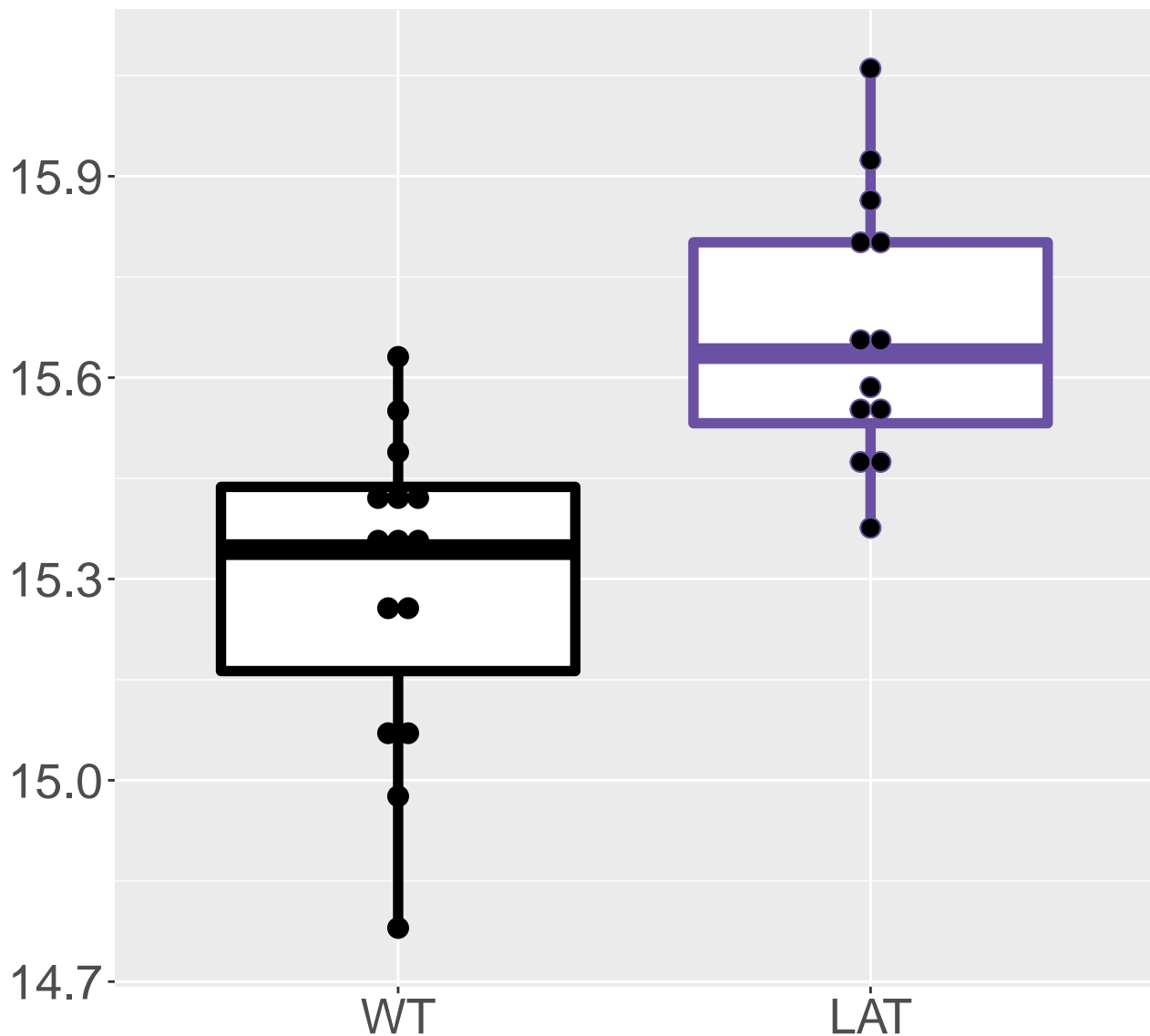
**M528.889T993.54**

**FDR = 0.0038, FC = 0.44**



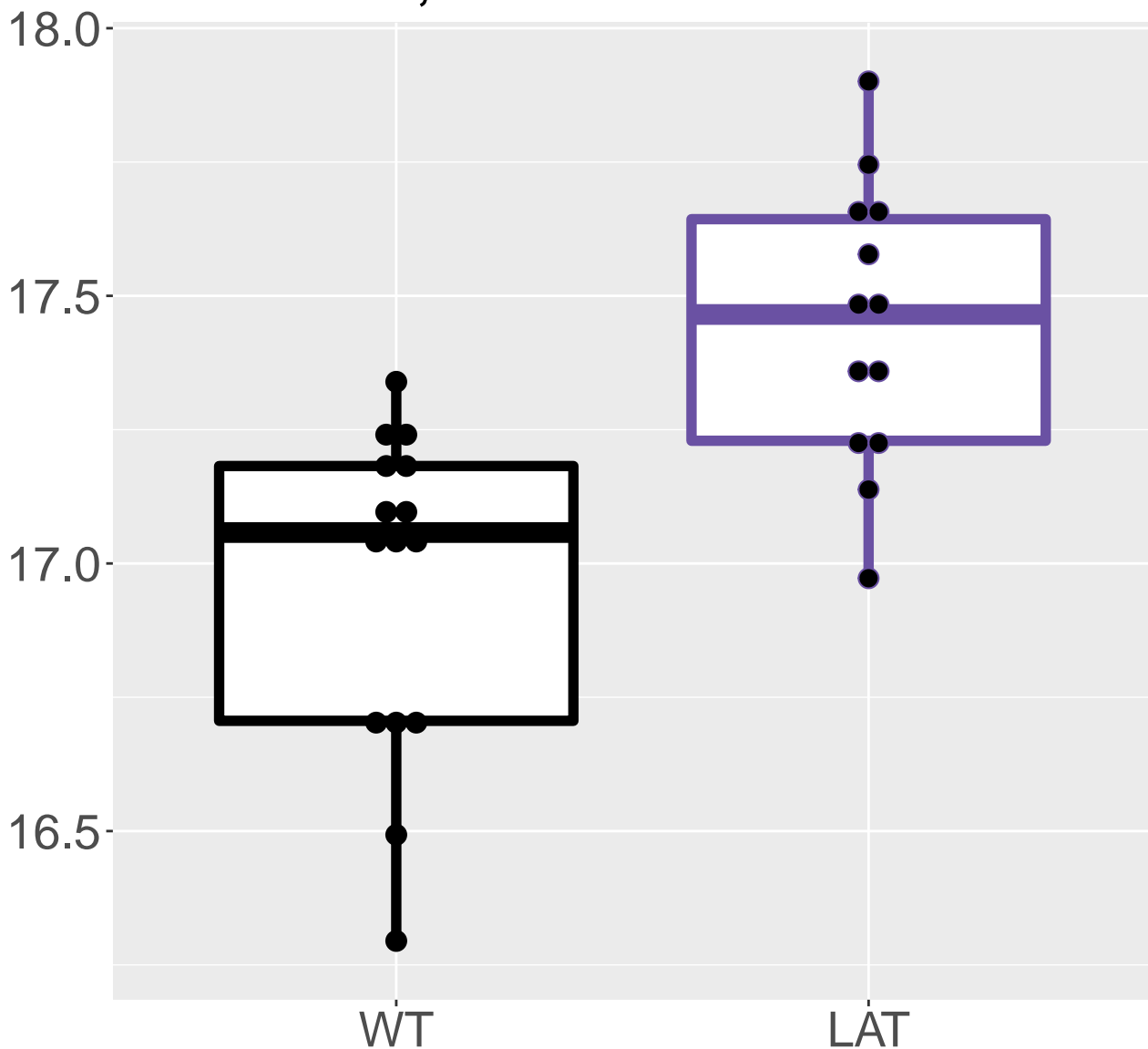
**M422.9247T993.63**

**FDR = 0.0038, FC = 0.38**



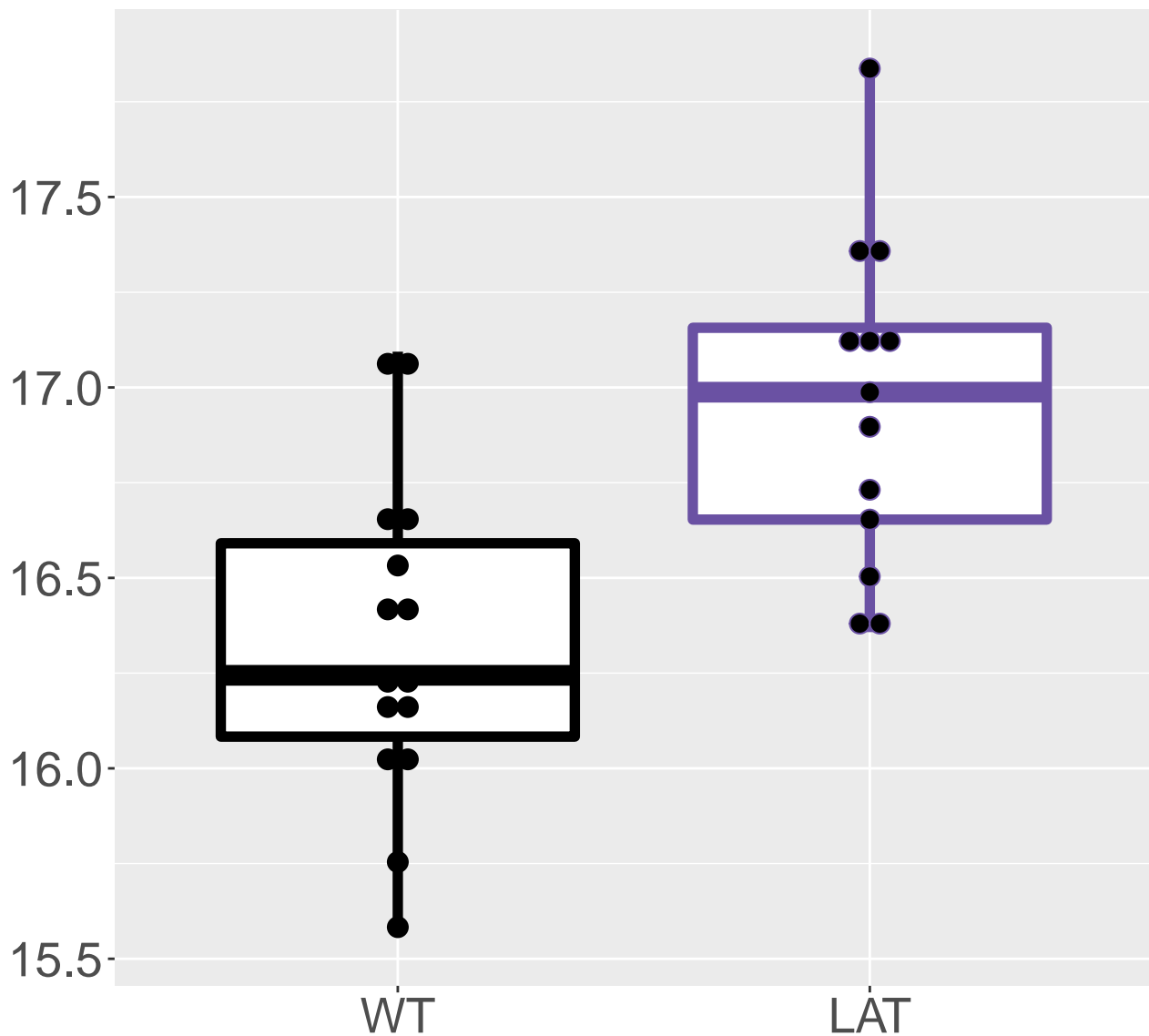
**M589.8317T993.51**

**FDR = 0.0038, FC = 0.49**

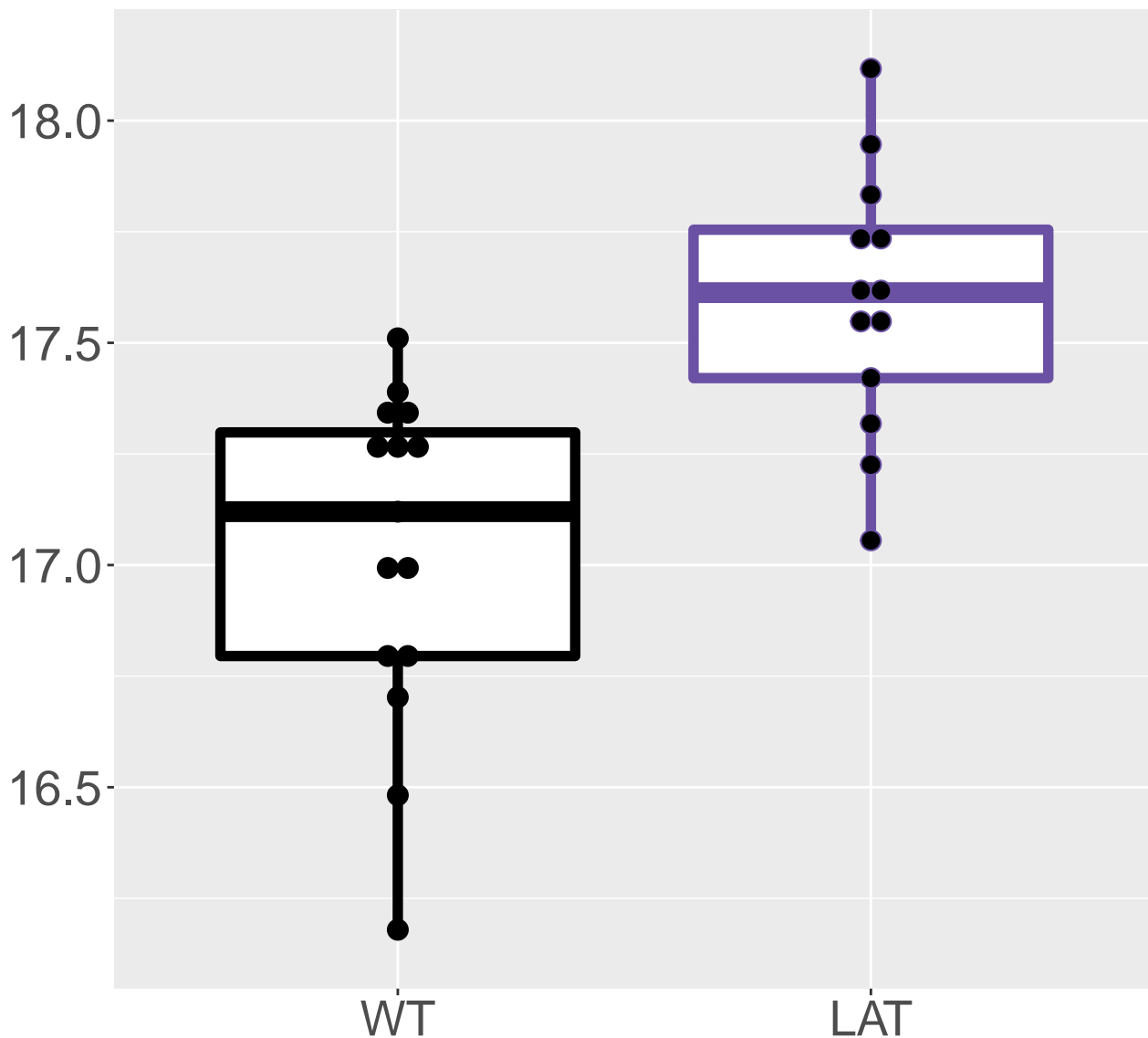


**M210.0655T495.58**

**FDR = 0.0039, FC = 0.63**

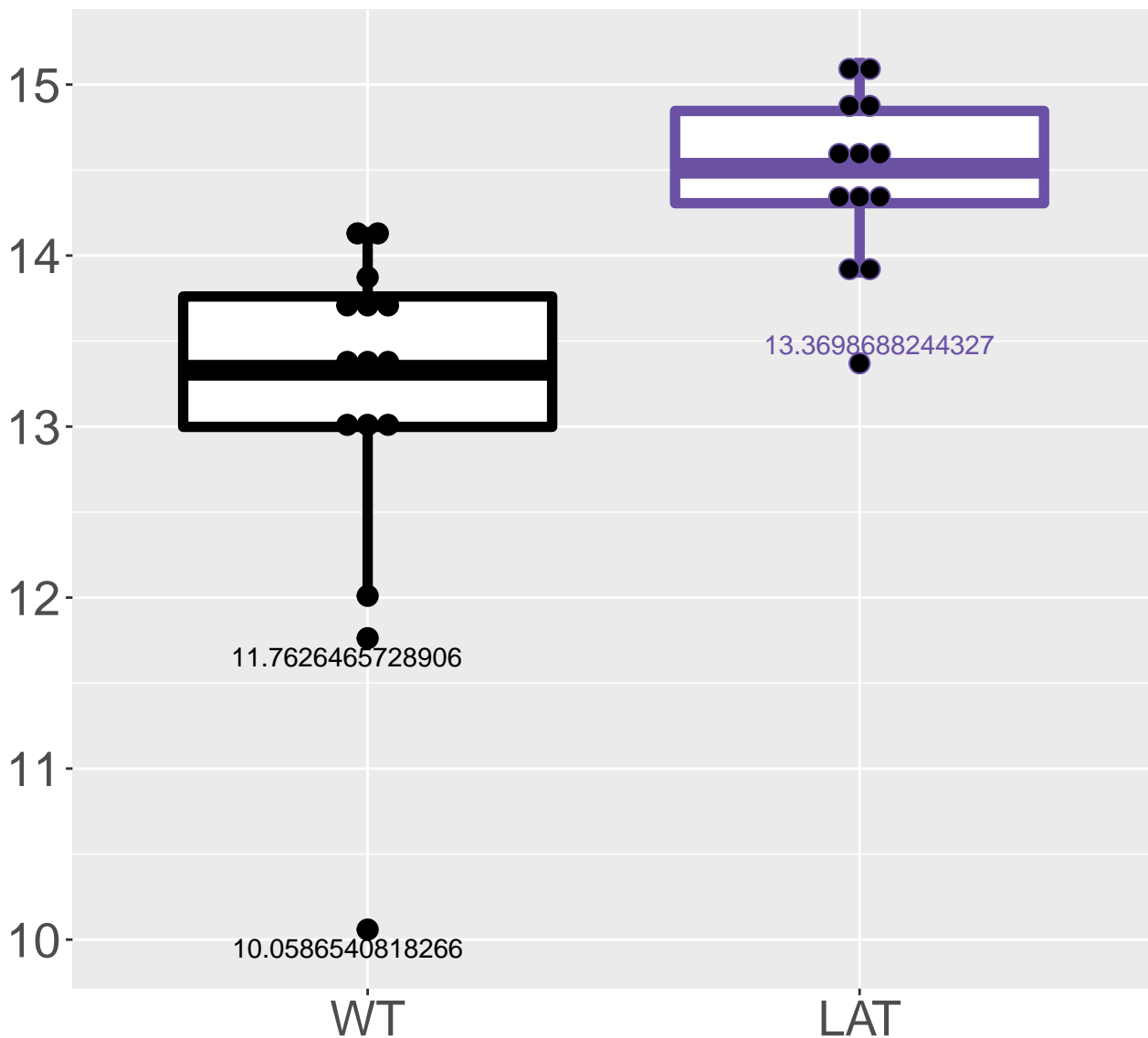


**M409.3824T993.54\_1**  
**FDR = 0.004, FC = 0.56**



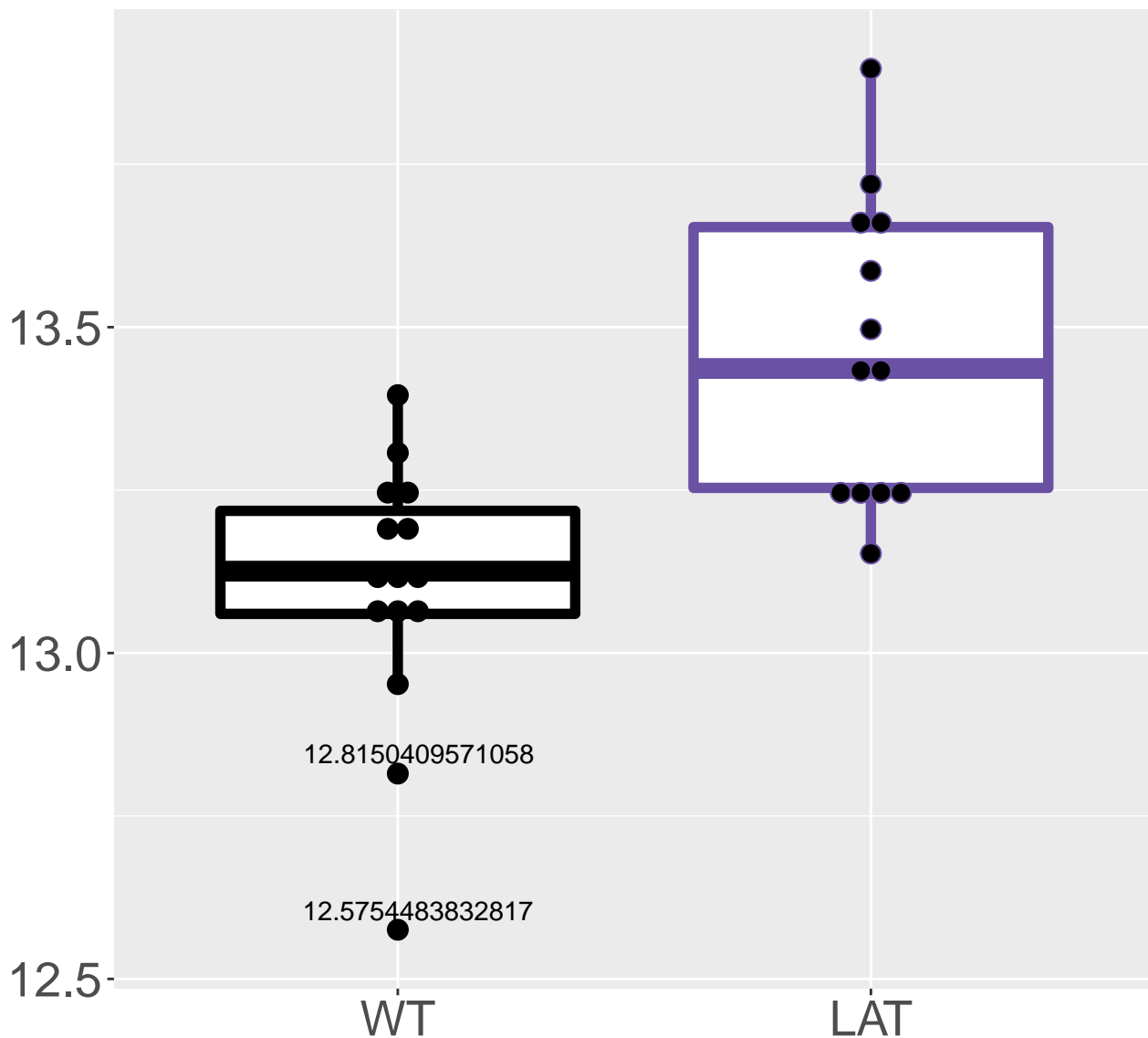


**FDR = 0.0042, FC = 1.4**



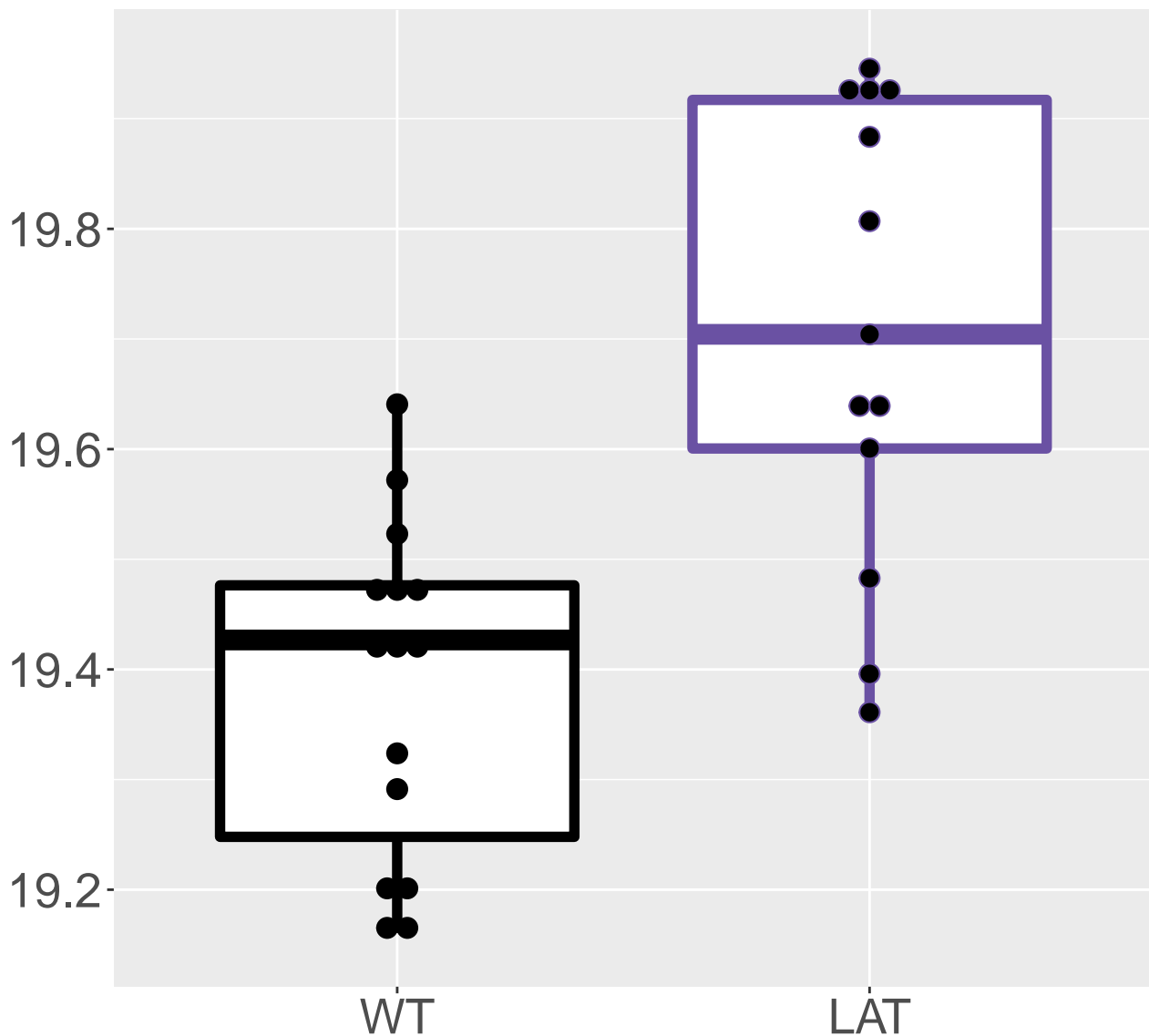
**M506.7808T1026.3**

**FDR = 0.0042, FC = 0.37**

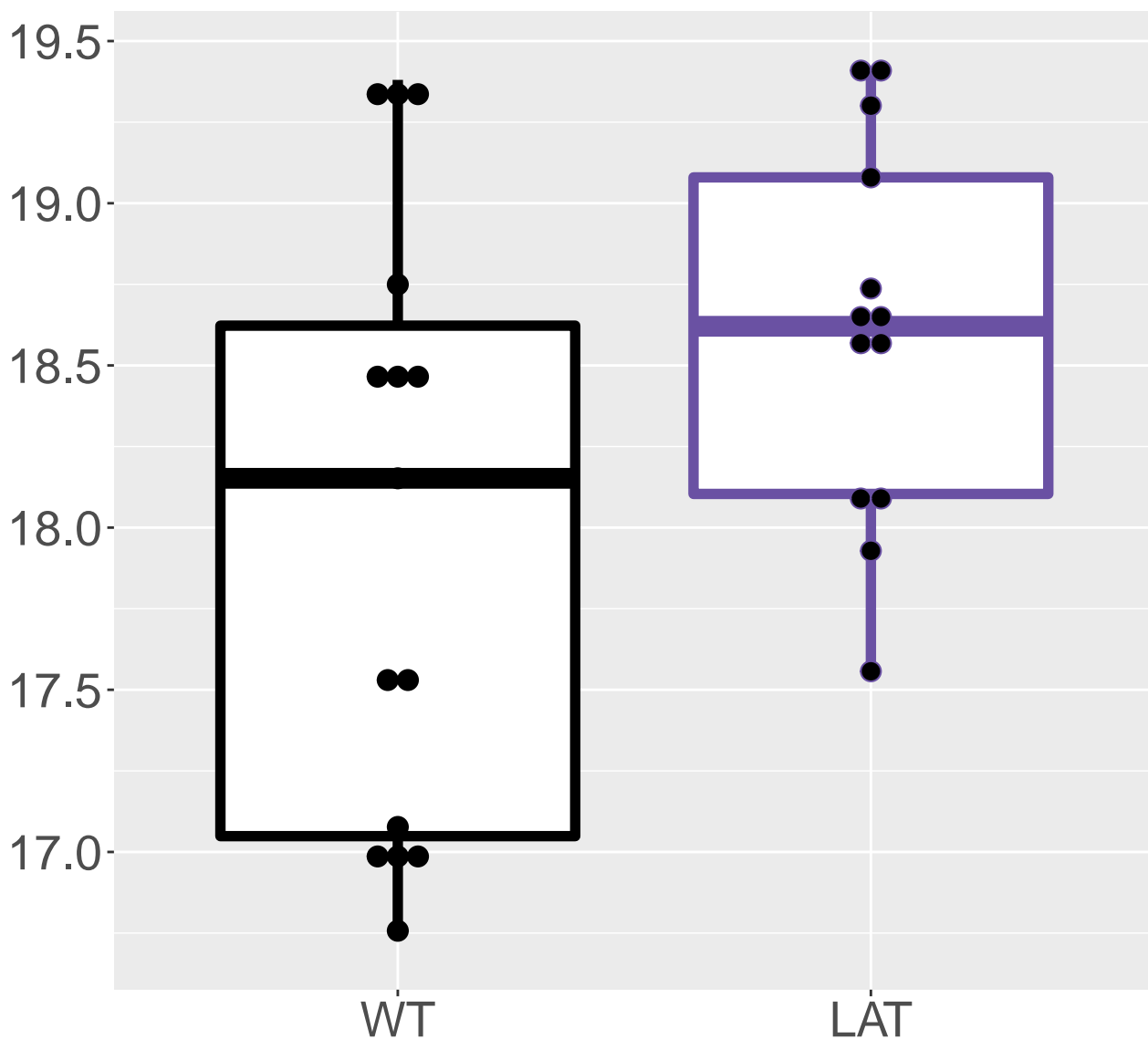


**M87.0089T610.44**

**FDR = 0.0042, FC = 0.33**

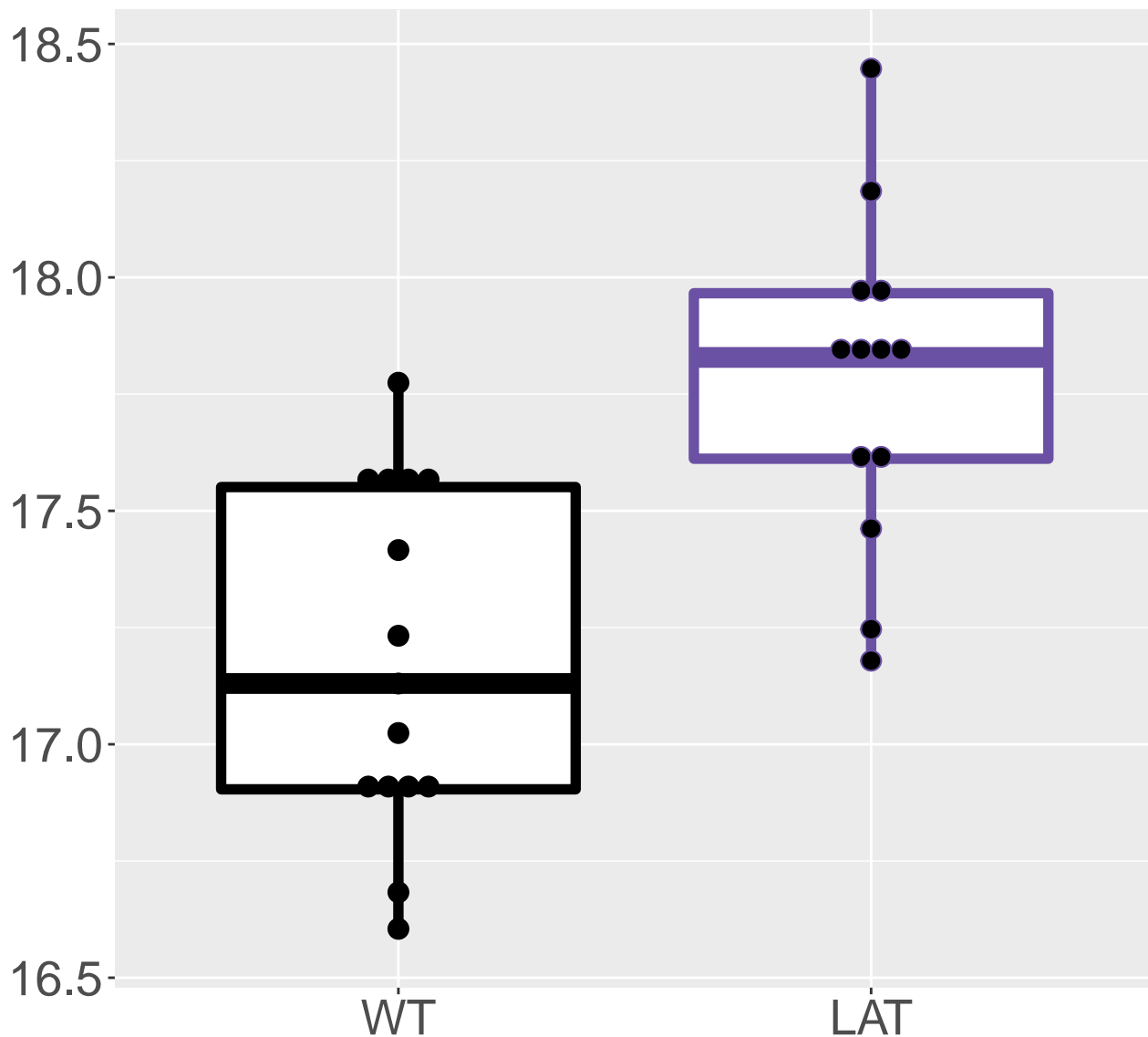


**FDR = 0.0042, FC = 0.61, sex\*\*\***



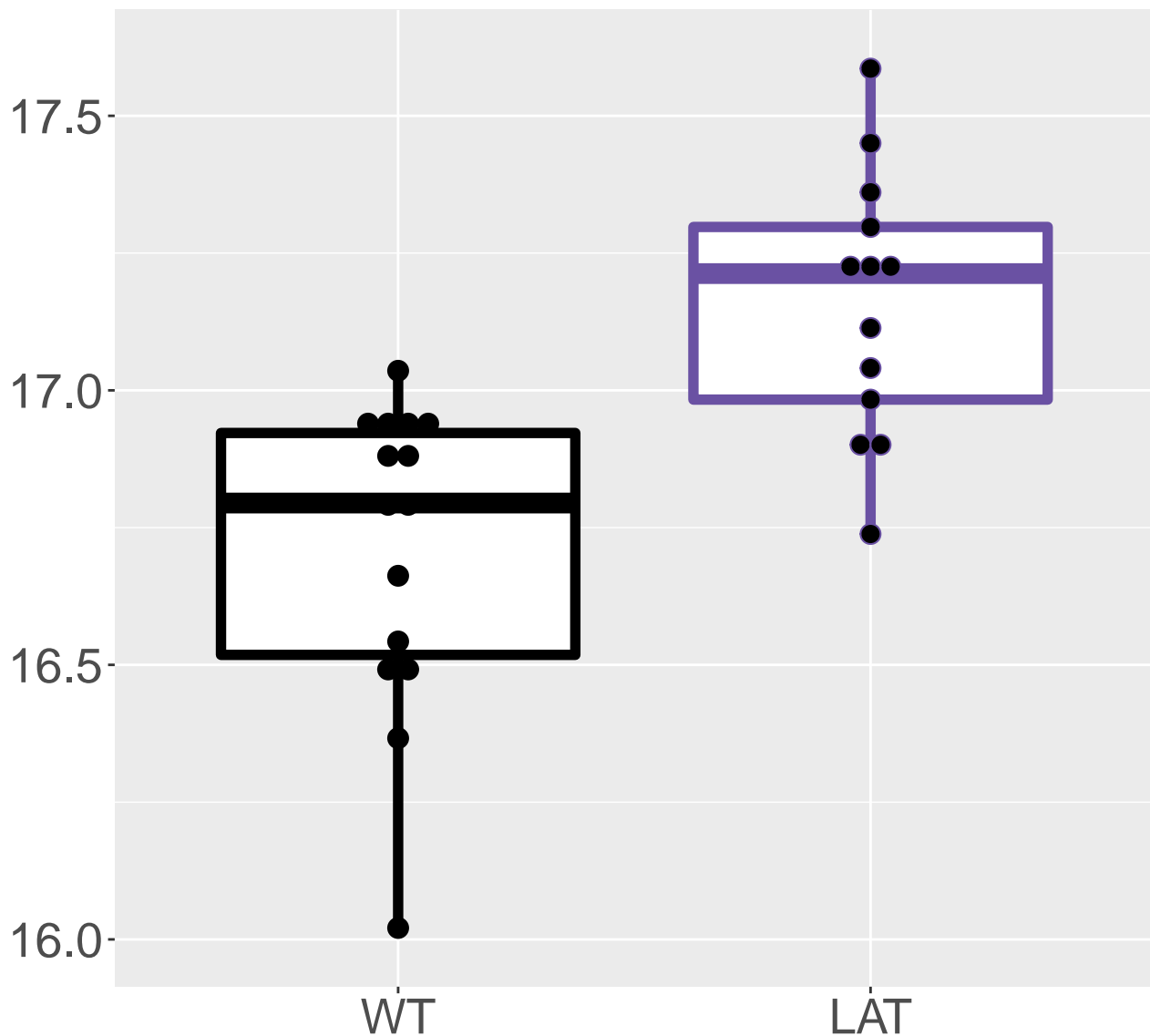
**M138.0563T151.57**

**FDR = 0.0042, FC = 0.59**

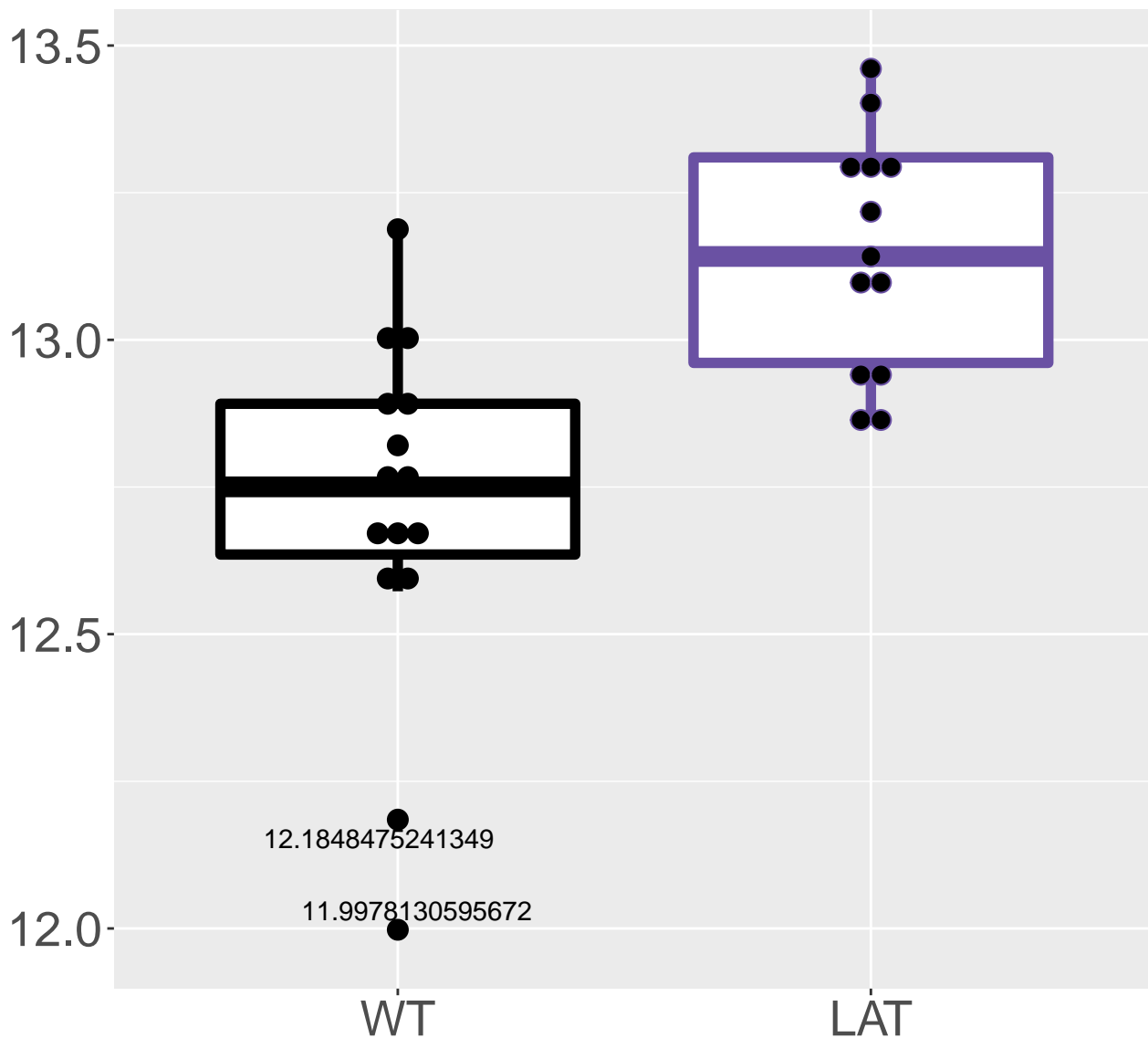


**M477.9281T993.68**

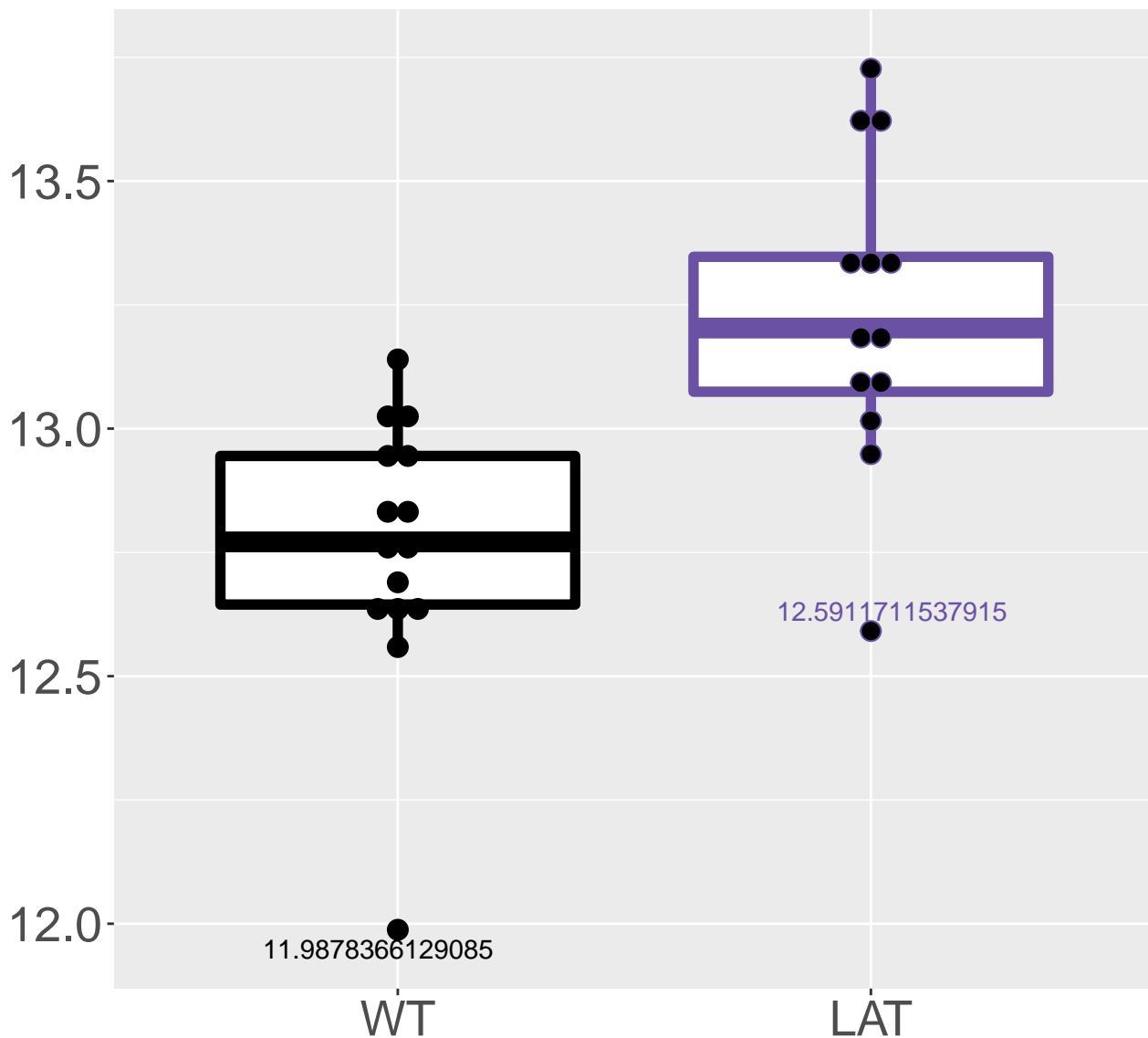
**FDR = 0.0042, FC = 0.44**



**M328.8504T1021.86**  
**FDR = 0.0042, FC = 0.43**



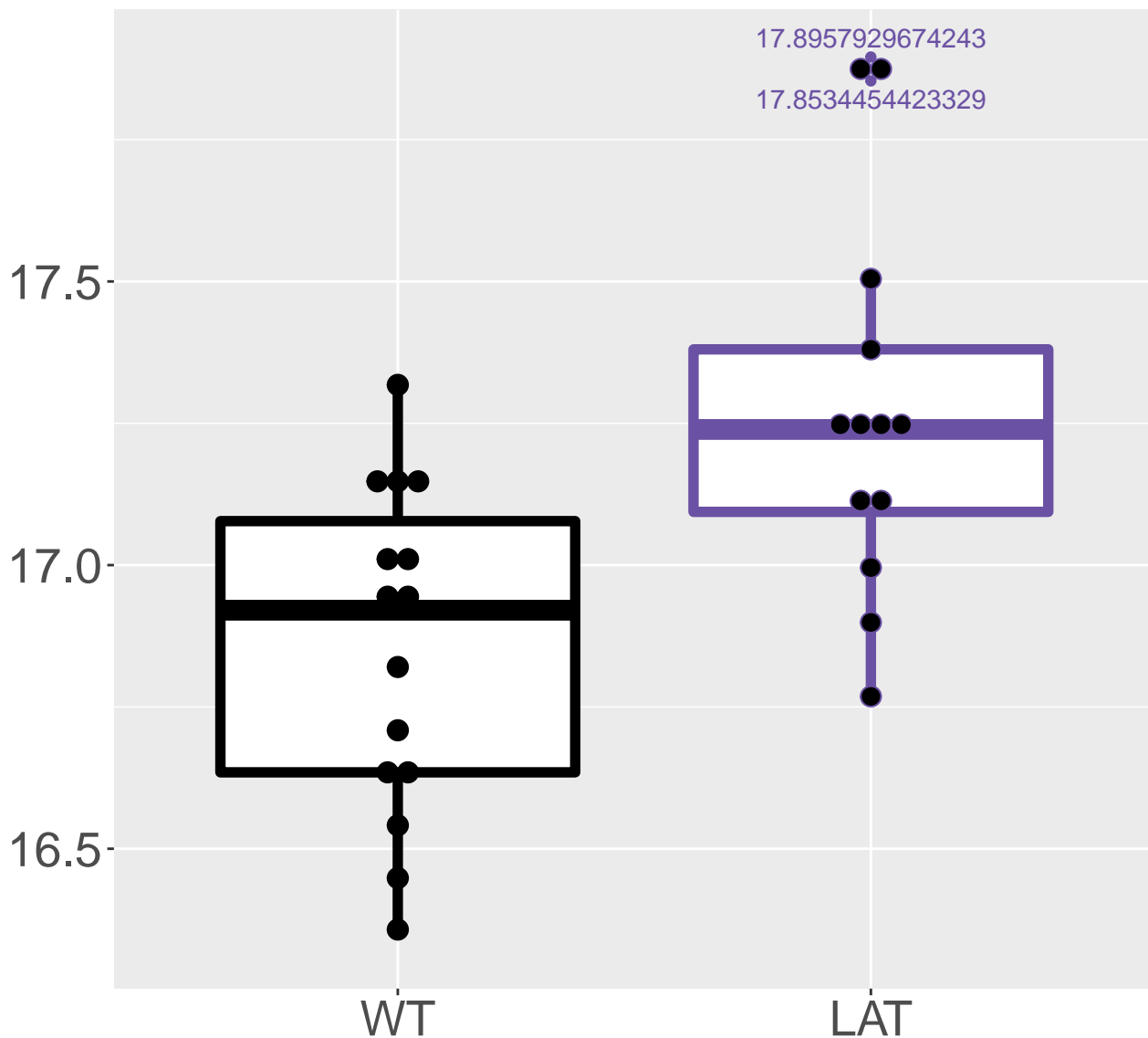
**FDR = 0.0043, FC = 0.48**



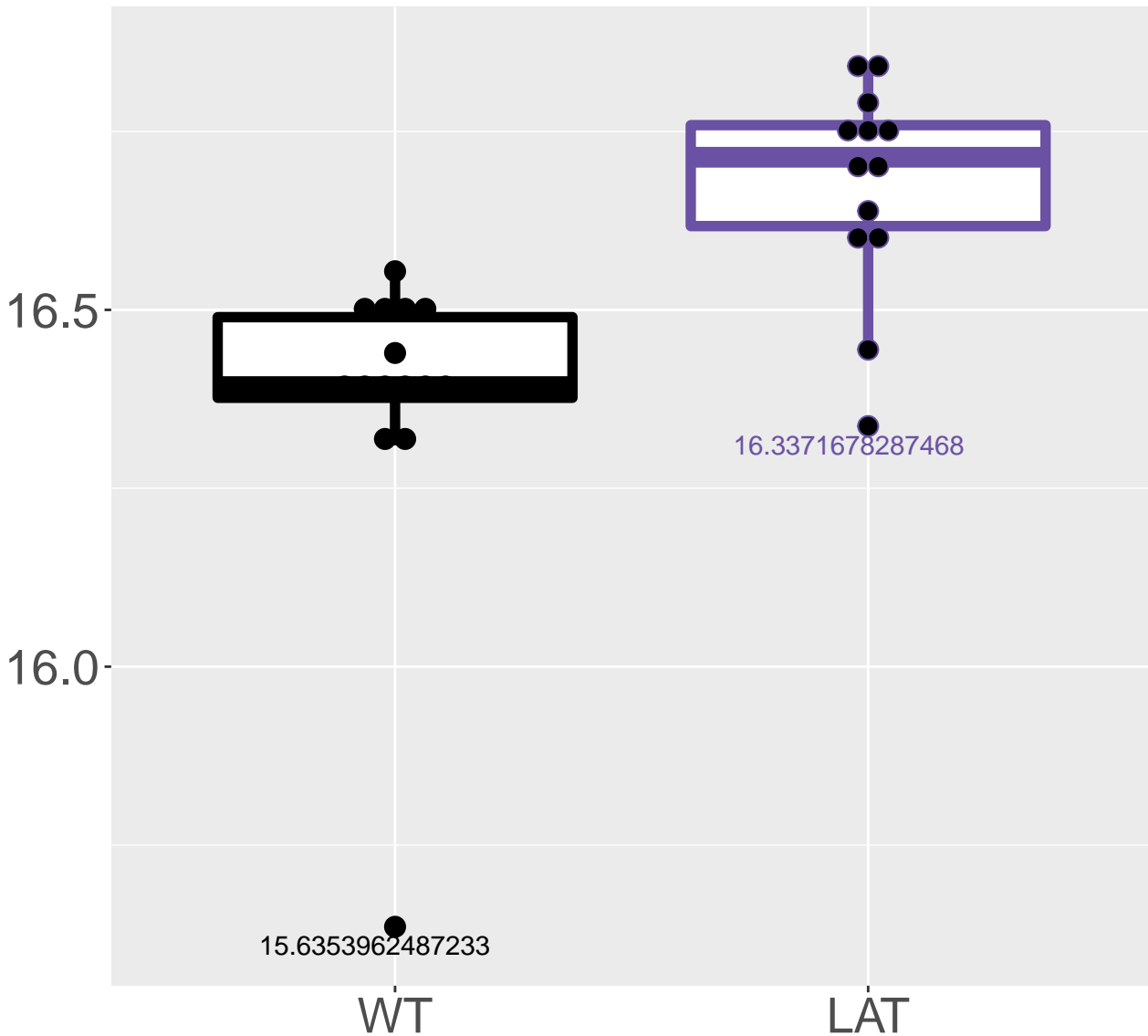


**M129.0924T91.75**

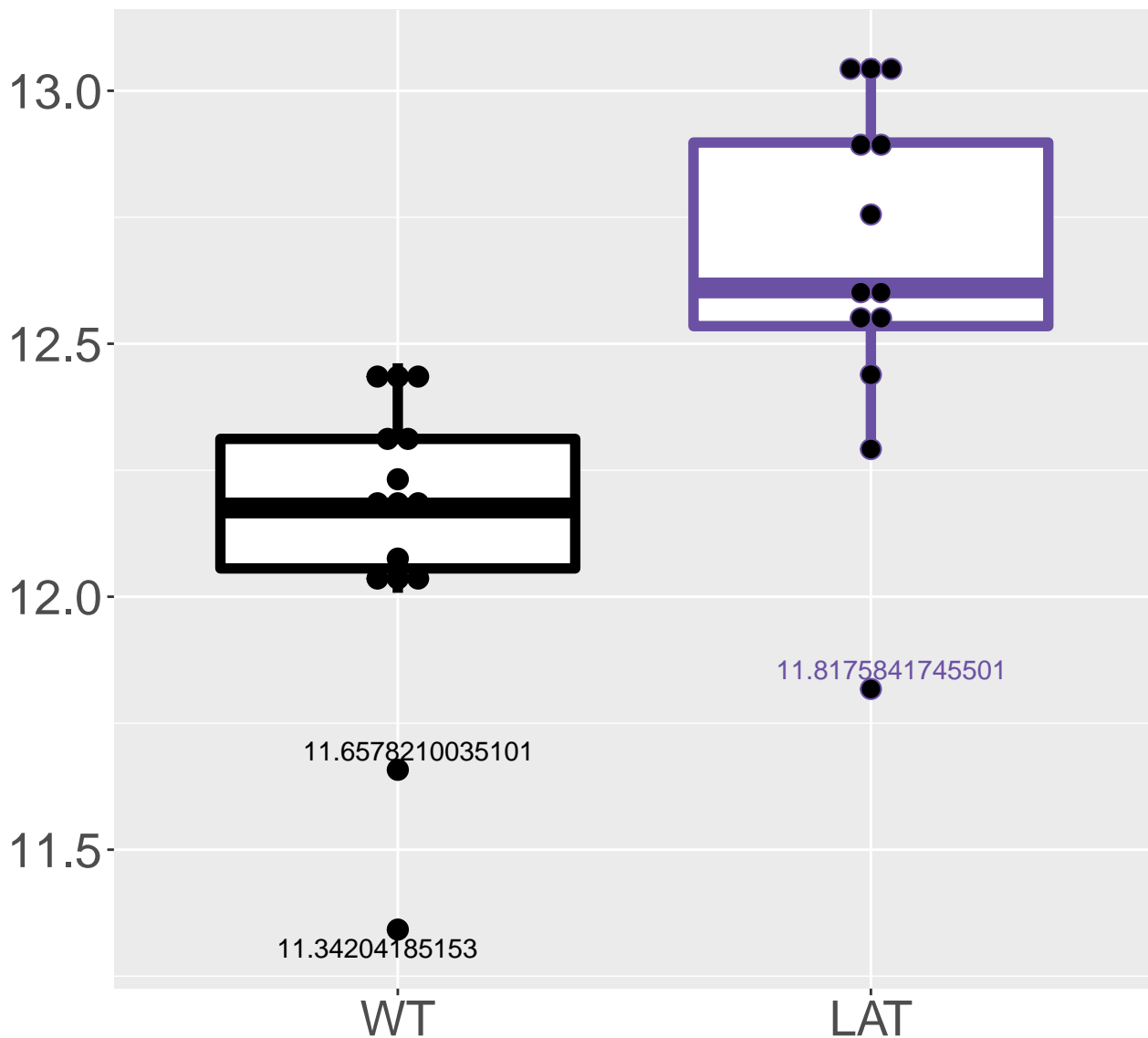
**FDR = 0.0043, FC = 0.41, sex\*\***



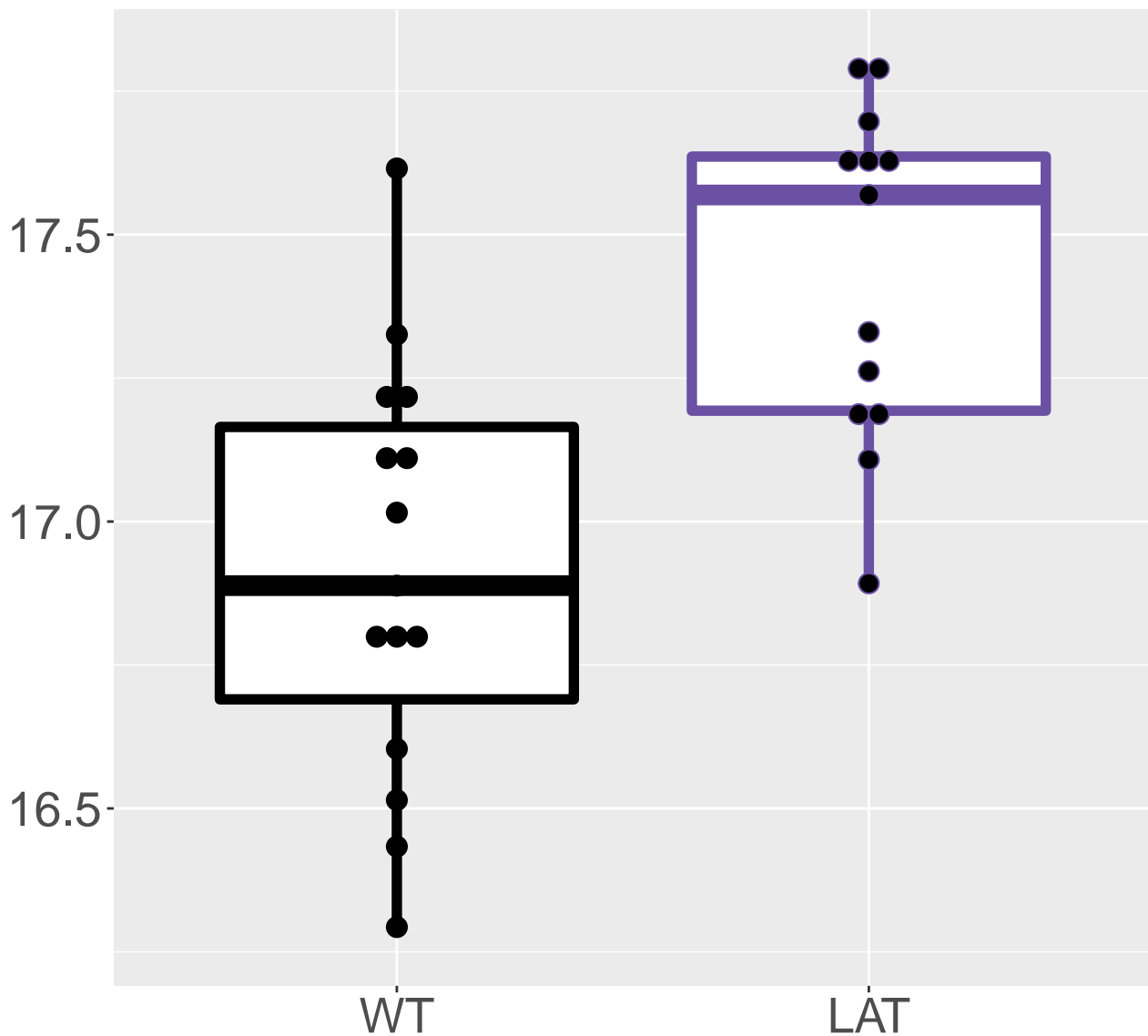
**M463.1T614.29**  
**FDR = 0.0044, FC = 0.3**



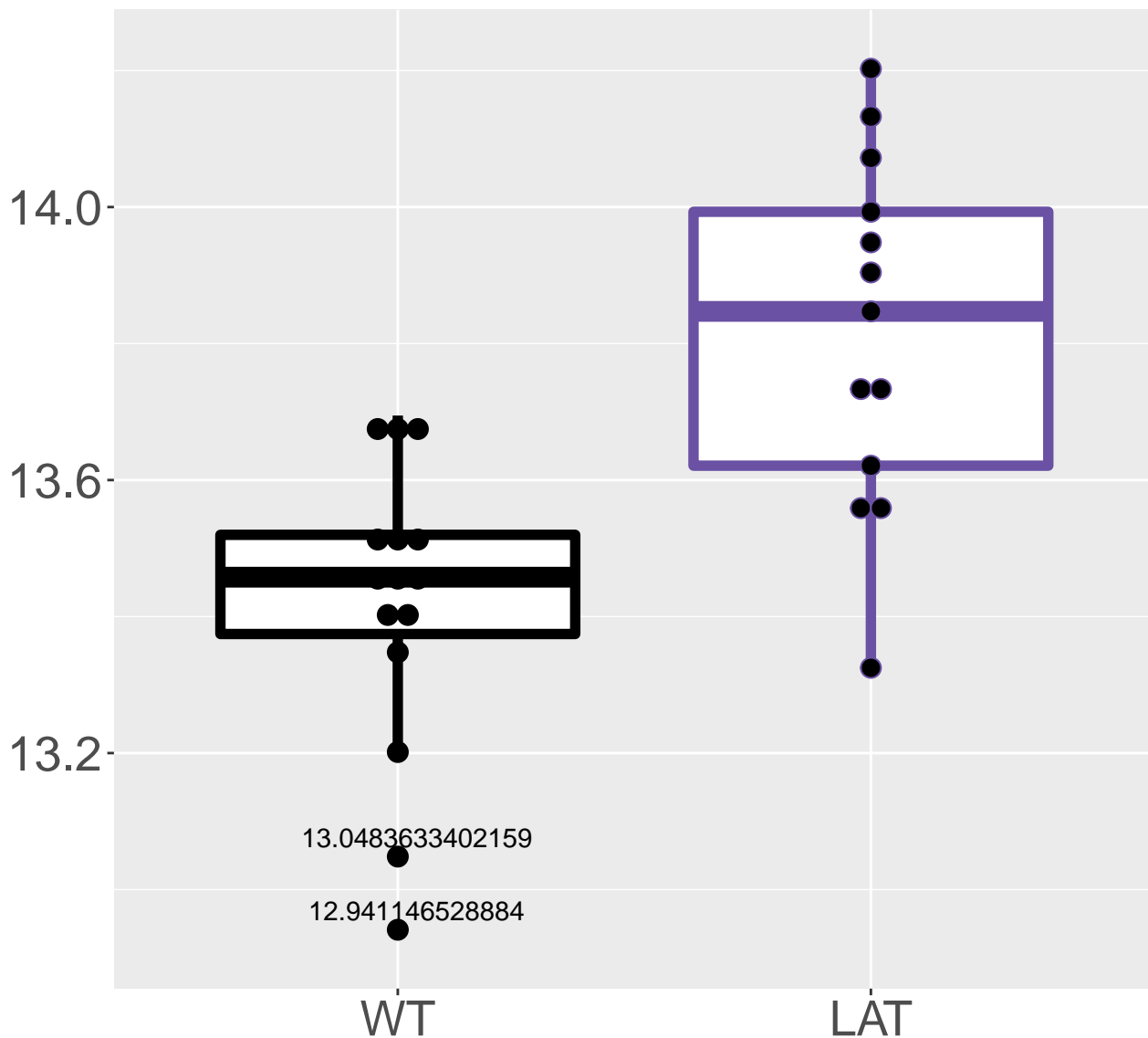
**M312.8766T1018.24**  
**FDR = 0.0044, FC = 0.53**



**Allantoic acid**  
**FDR = 0.0044, FC = 0.52**

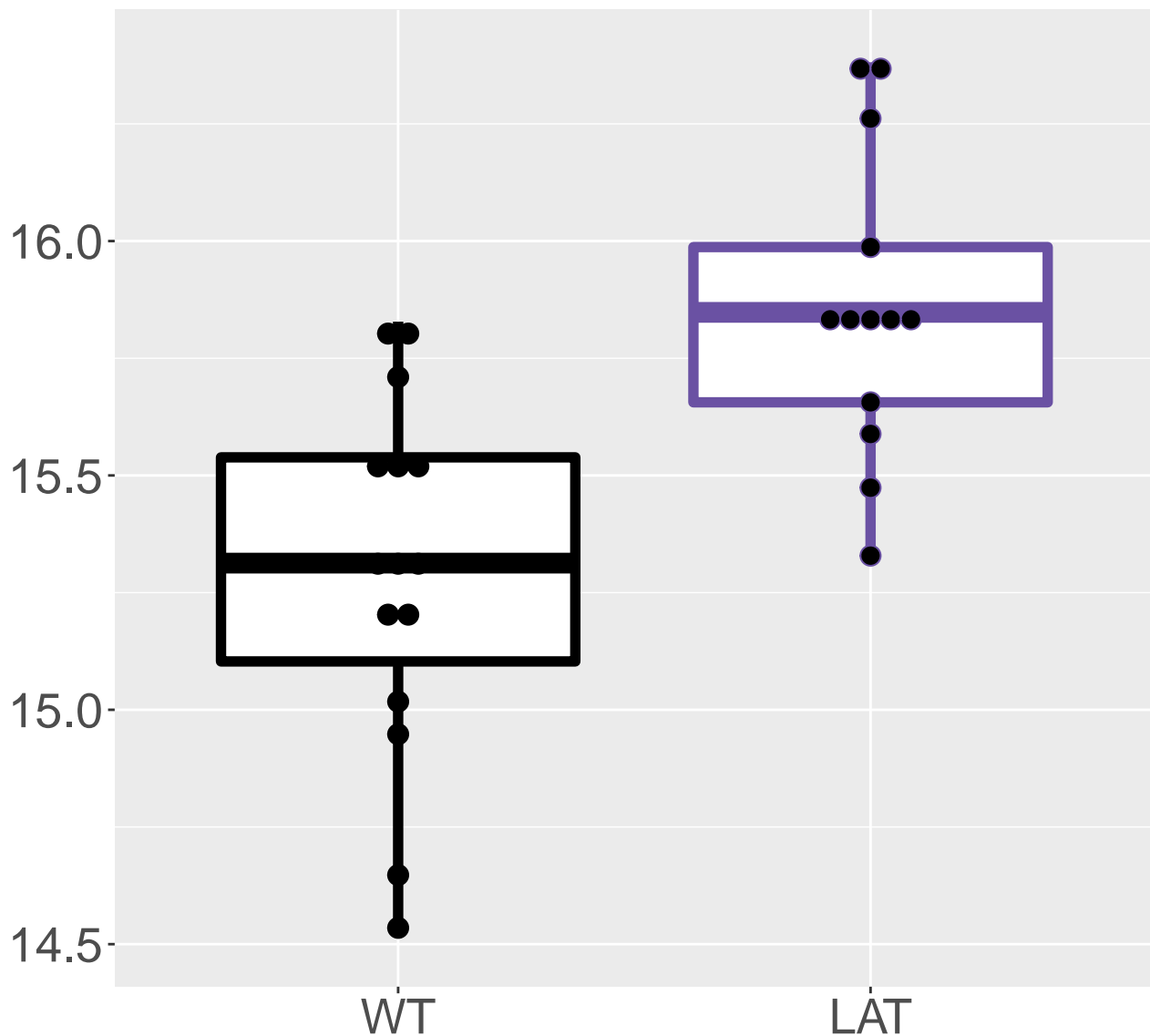


**M522.8069T1014.78**  
**FDR = 0.0044, FC = 0.4**

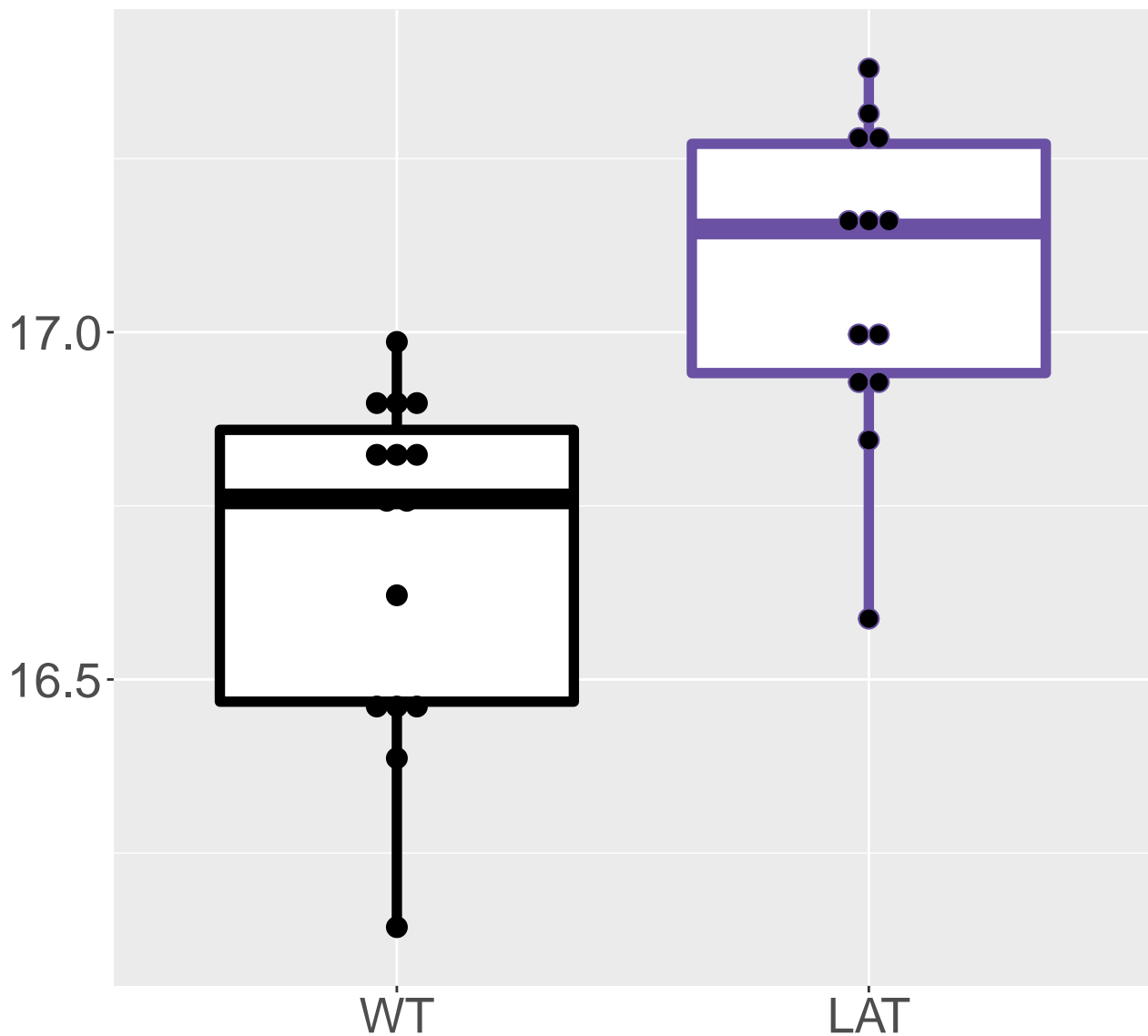


**M303.0108T376.61**

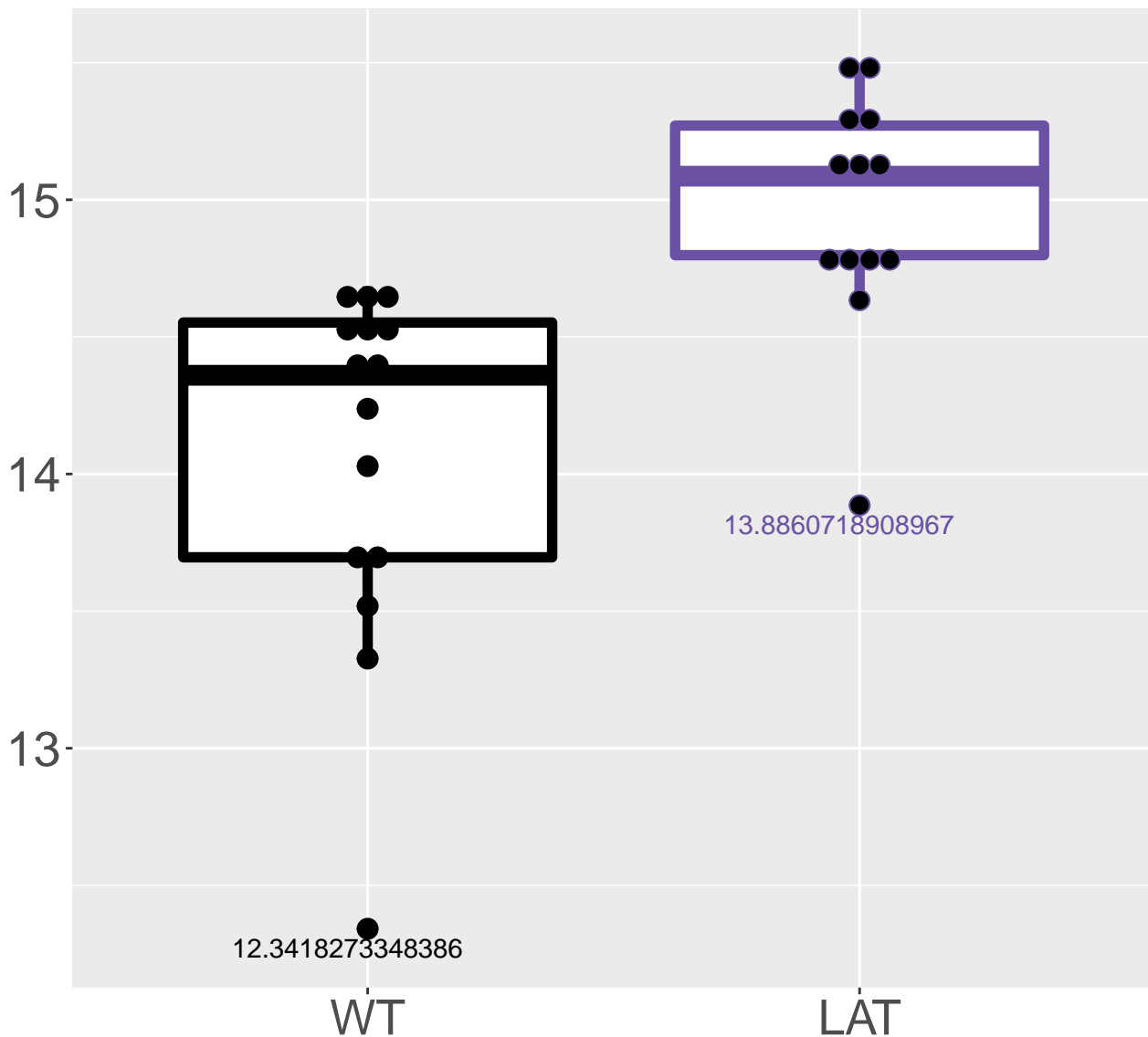
**FDR = 0.0045, FC = 0.57**



**M544.8839T993.74**  
**FDR = 0.0045, FC = 0.4**



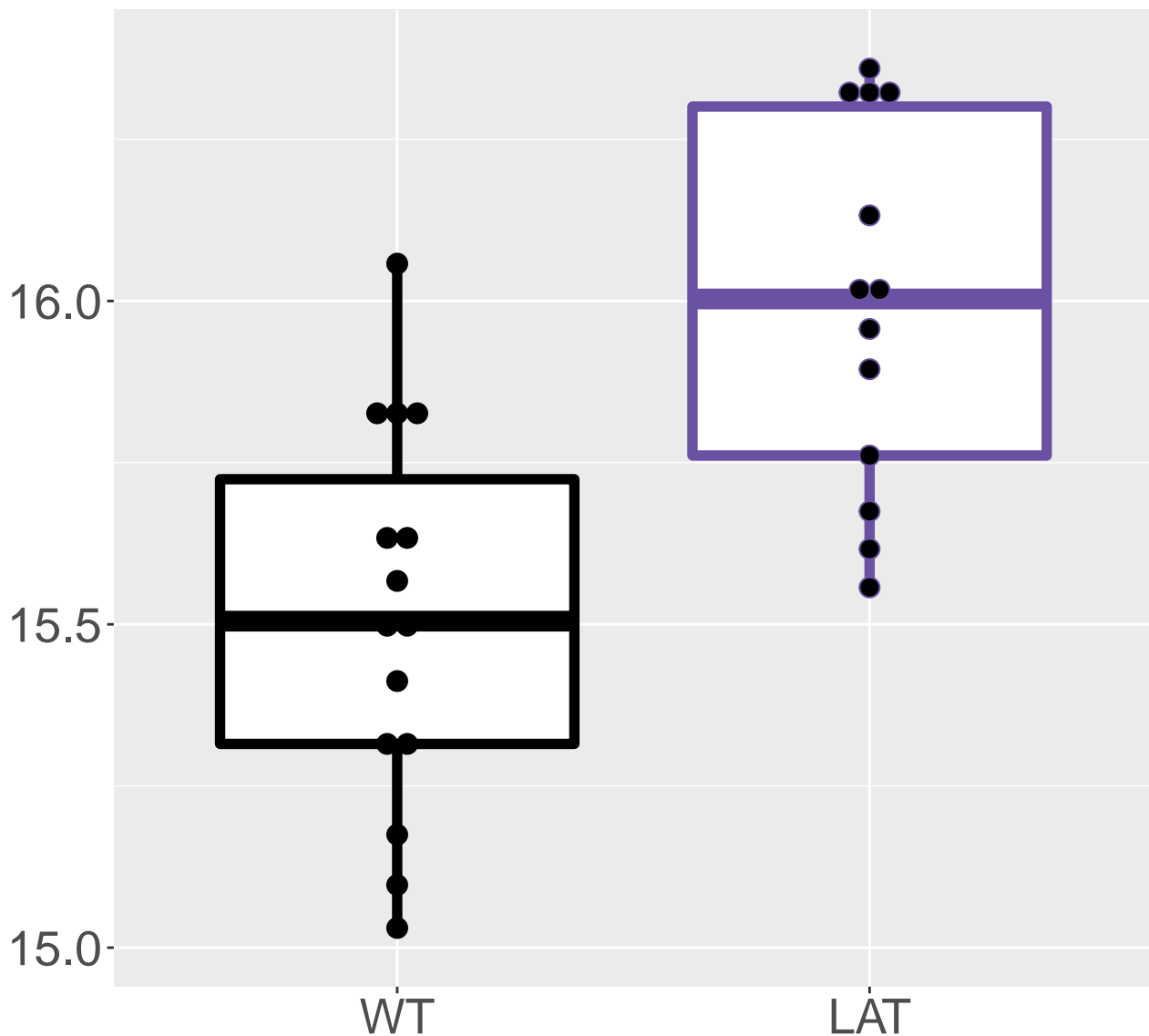
**M525.8578T993.3\_1**  
**FDR = 0.0045, FC = 0.89**





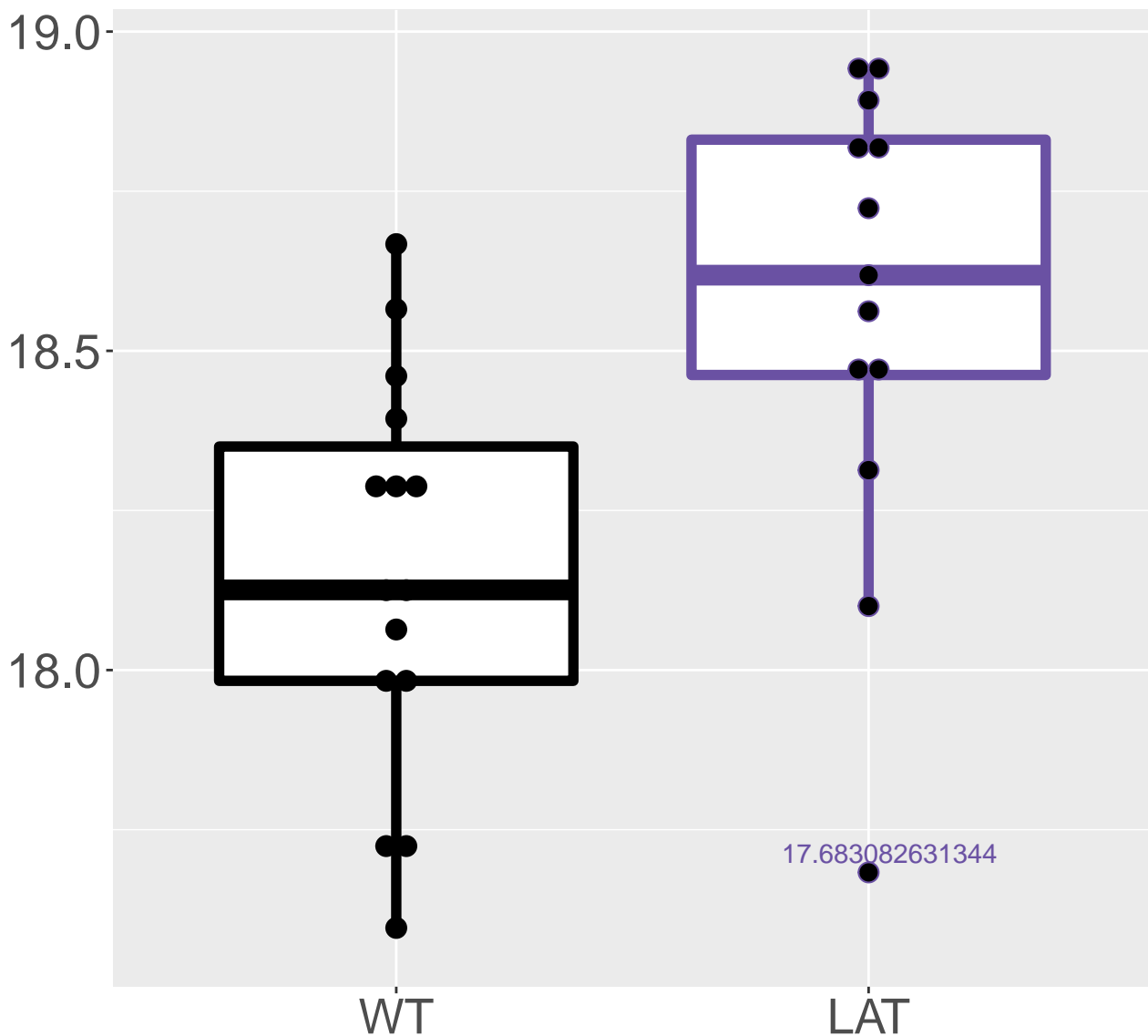
**M187.2311T611.05**

**FDR = 0.0045, FC = 0.48**



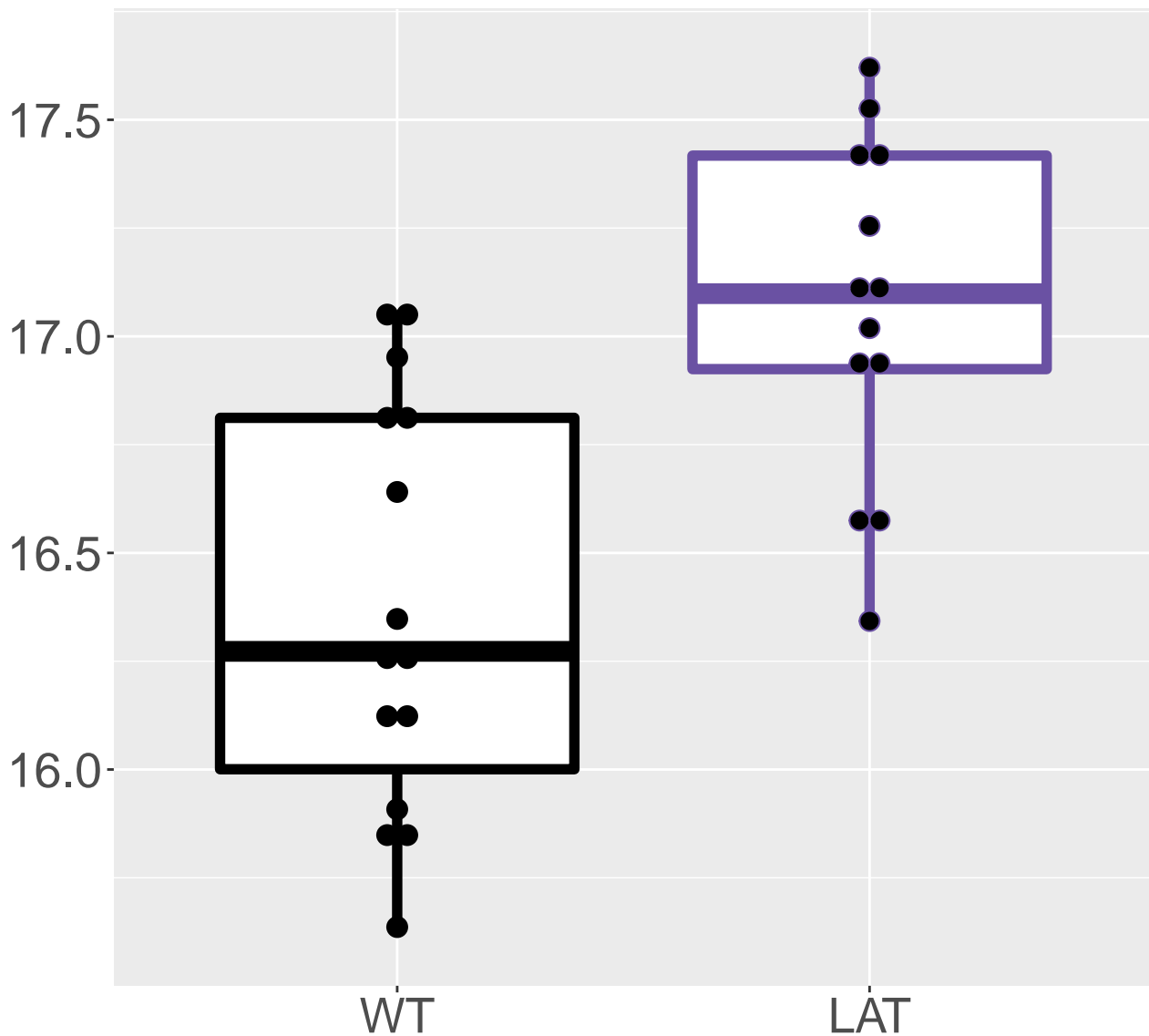
**M148.0334T532.21**

**FDR = 0.0045, FC = 0.41, sex\*\***

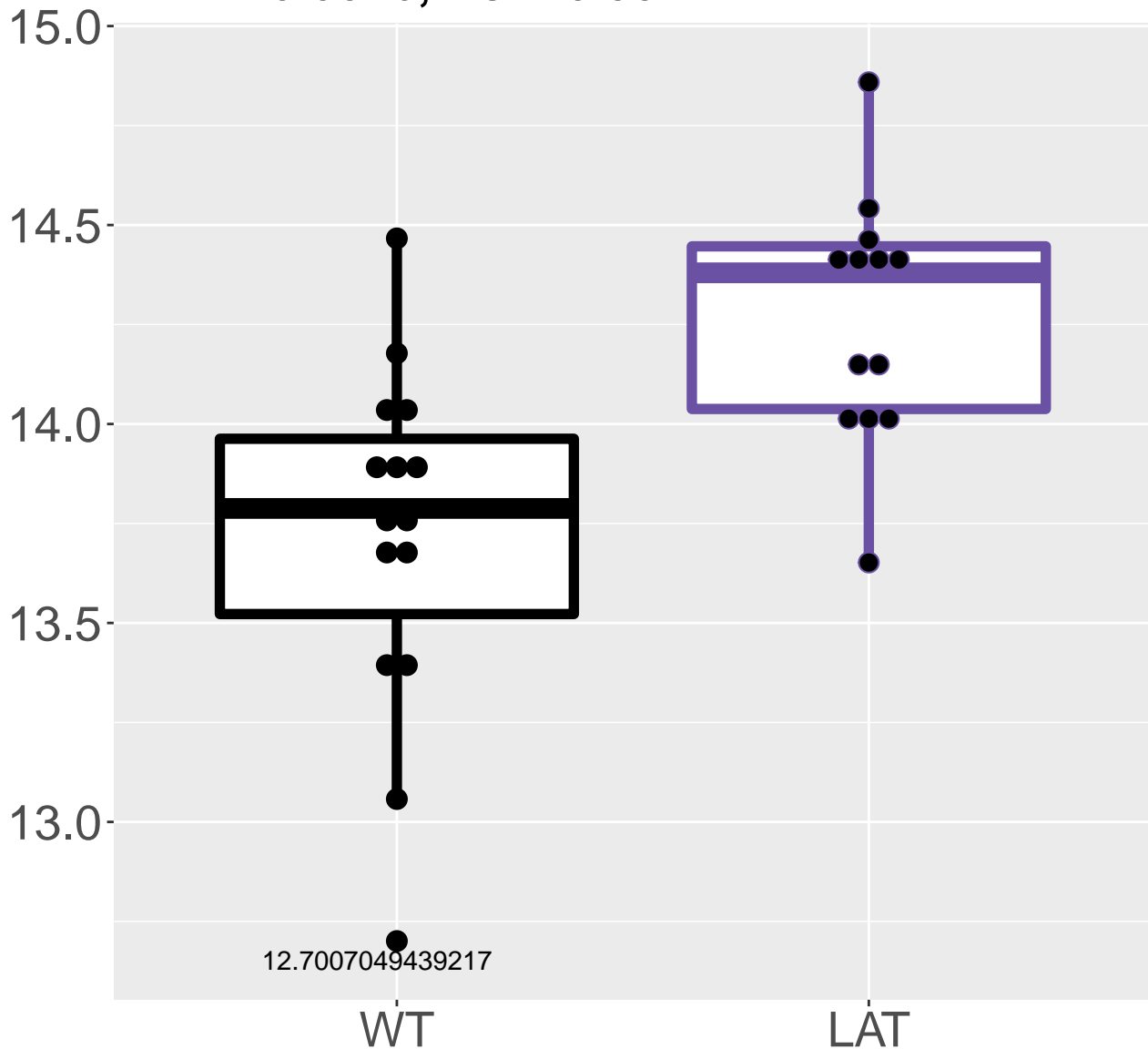


**M130.8073T555.69\_3**

**FDR = 0.0046, FC = 0.69**

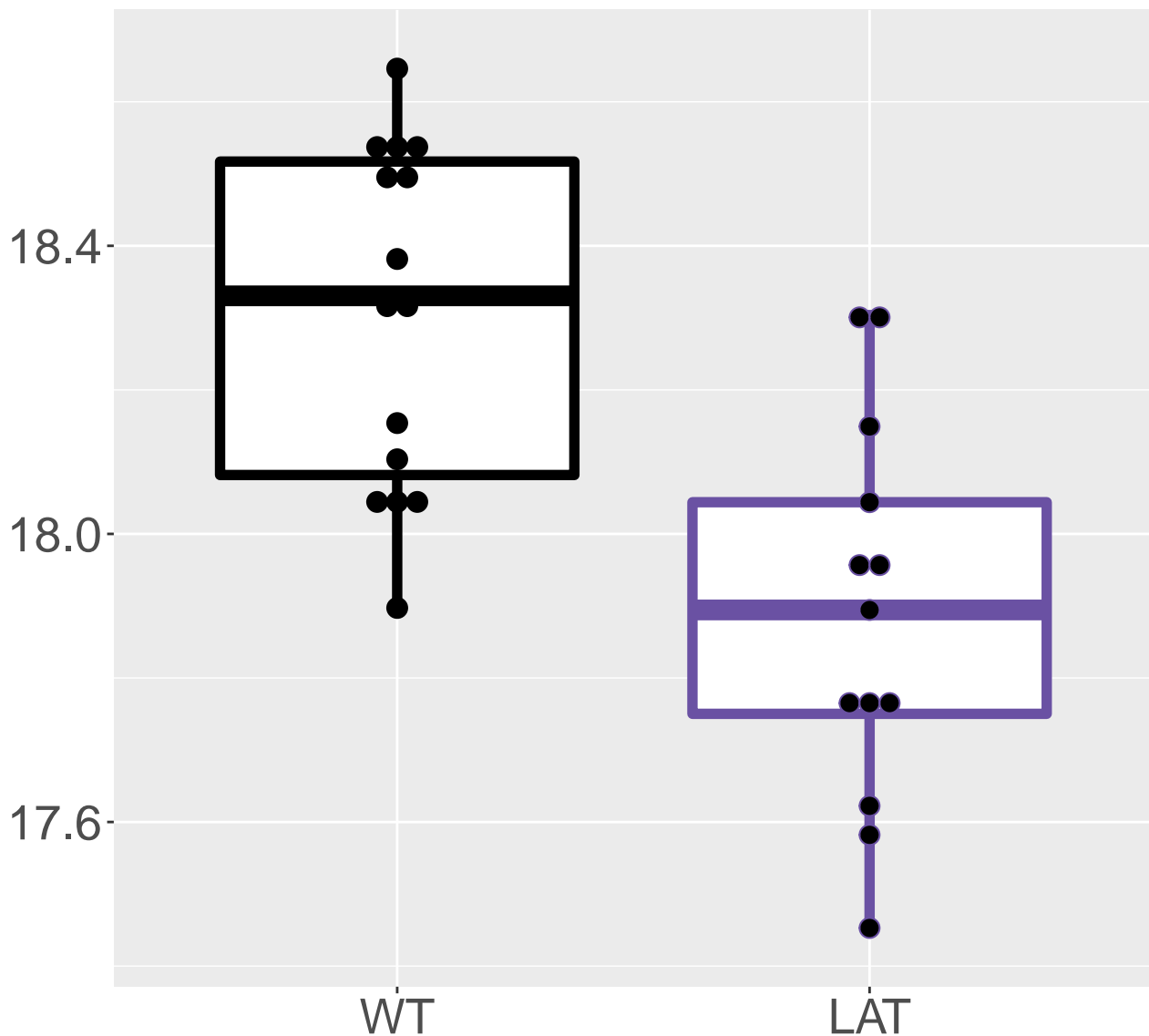


**M252.0189T504.75**  
**FDR = 0.0046, FC = 0.55**



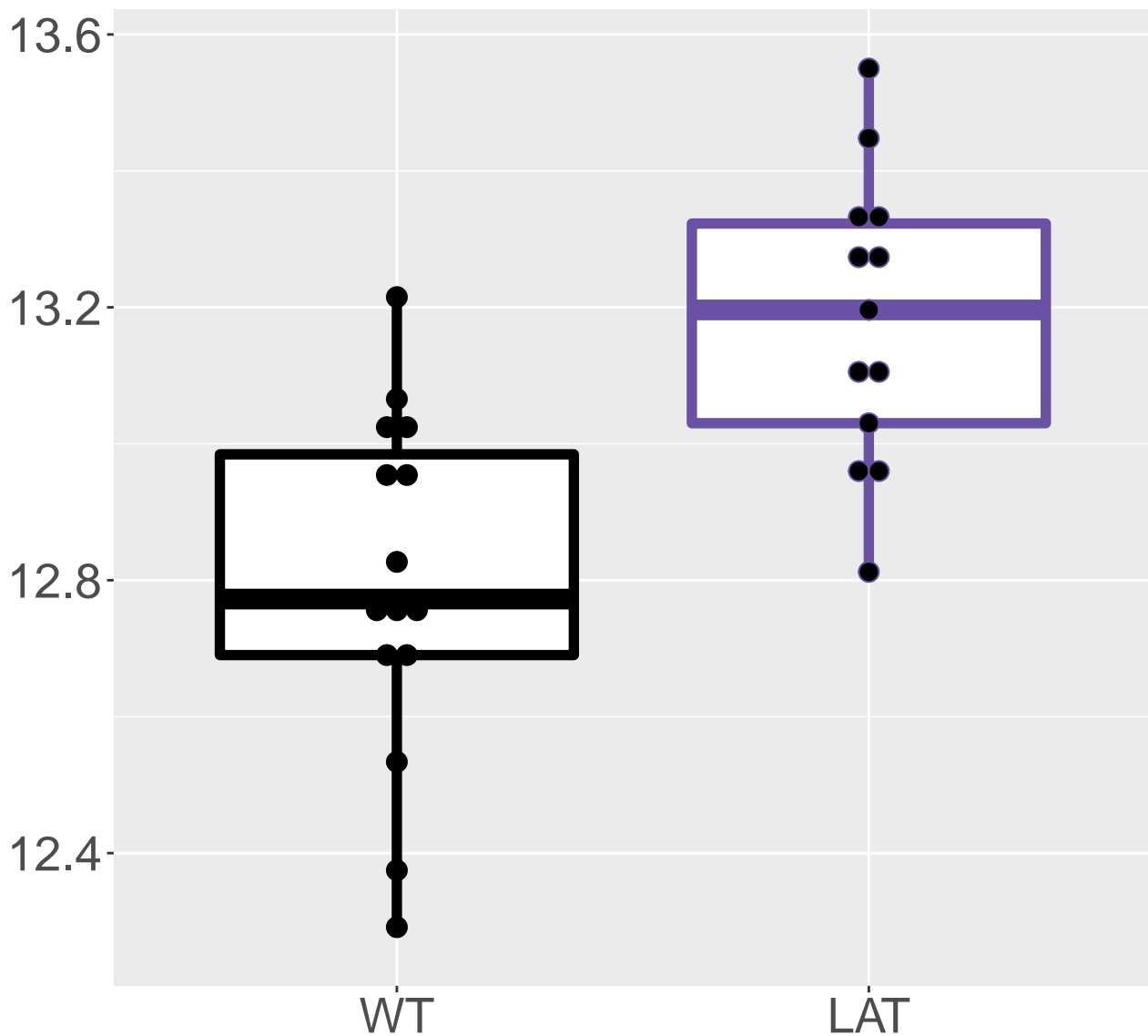
**M252.8847T379.13**

**FDR = 0.0046, FC = -0.41**



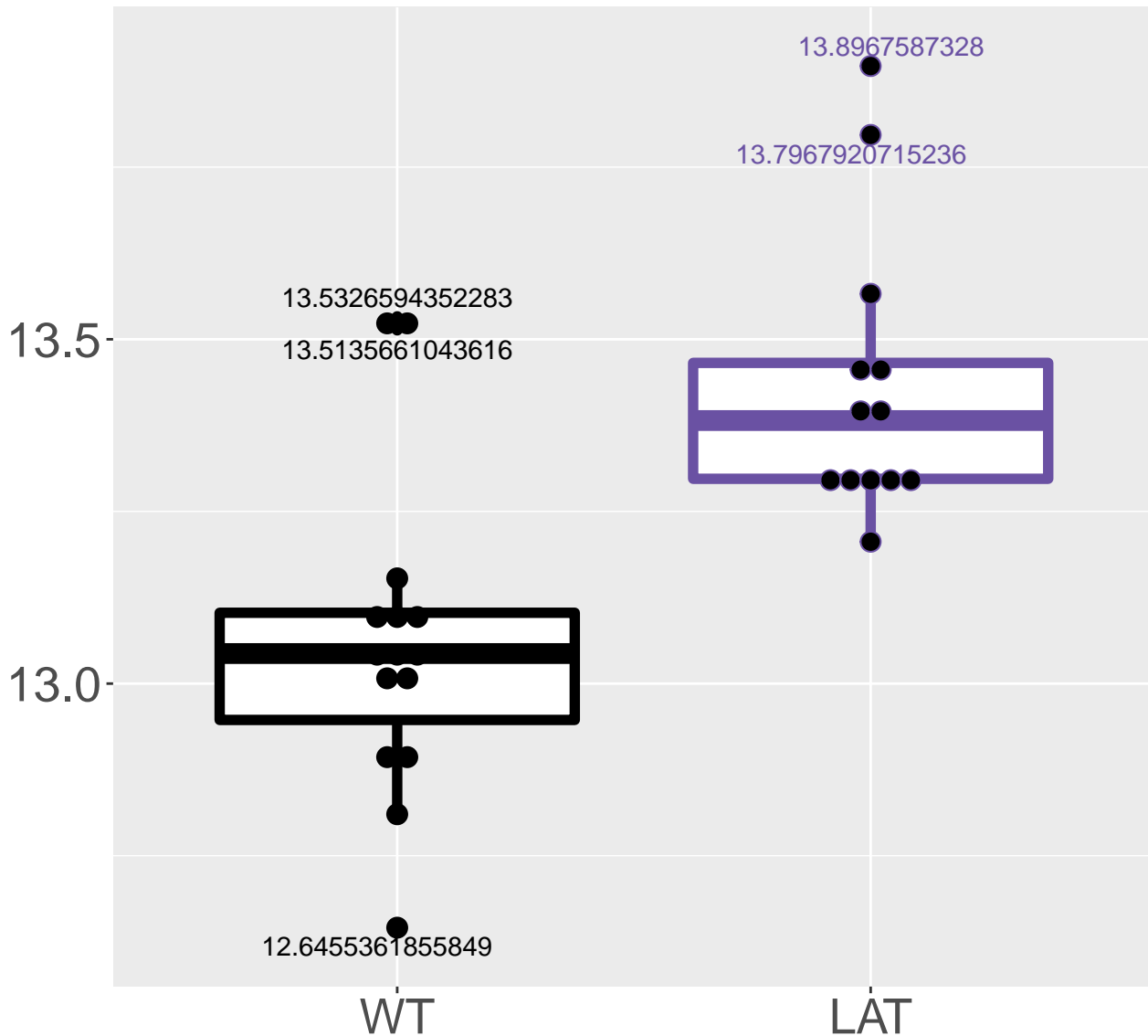
**M444.7806T1026.37**

**FDR = 0.0046, FC = 0.39**



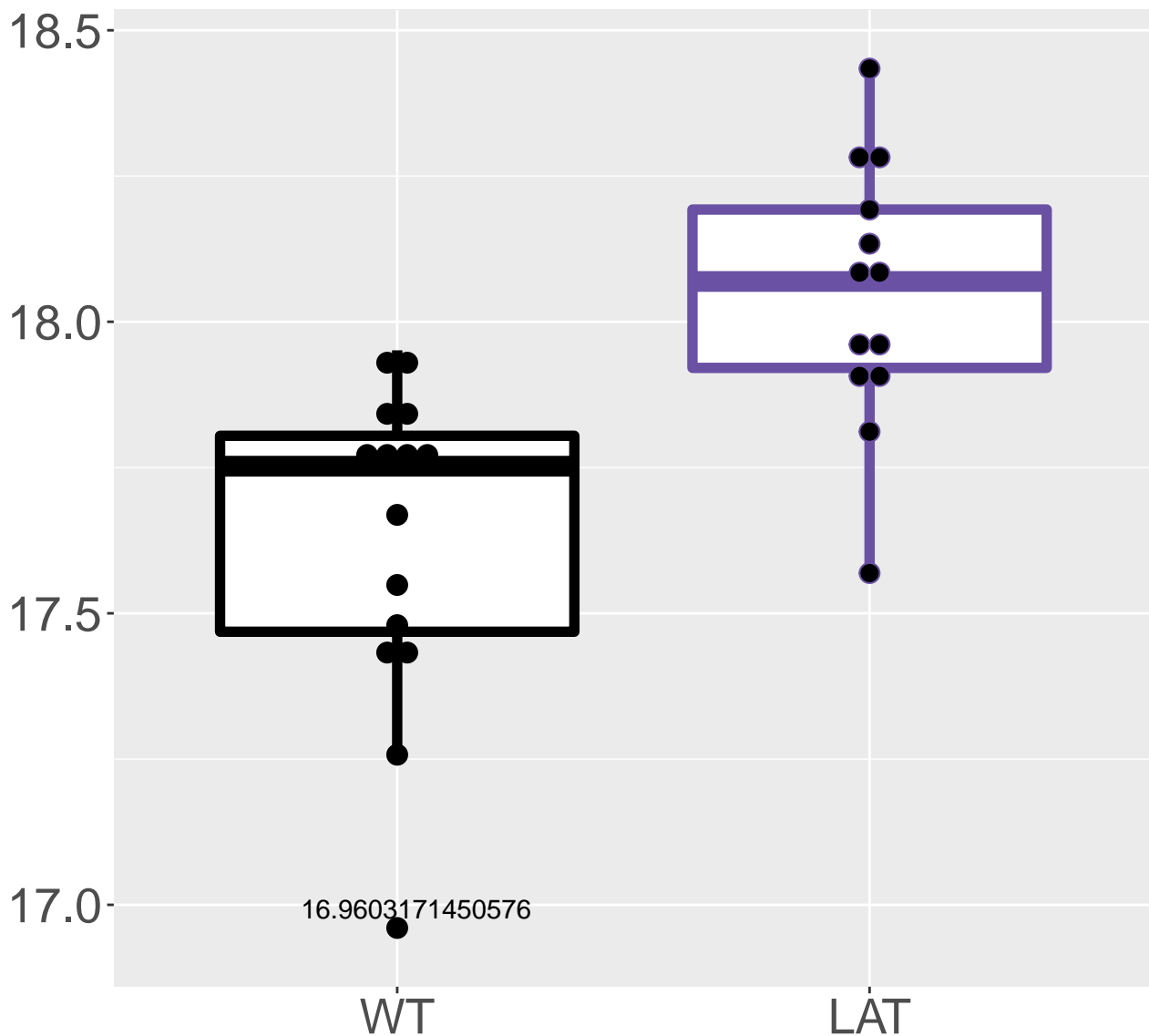
**M222.9242T1023.64**

**FDR = 0.0046, FC = 0.38**



**M325.4127T993.66\_2**

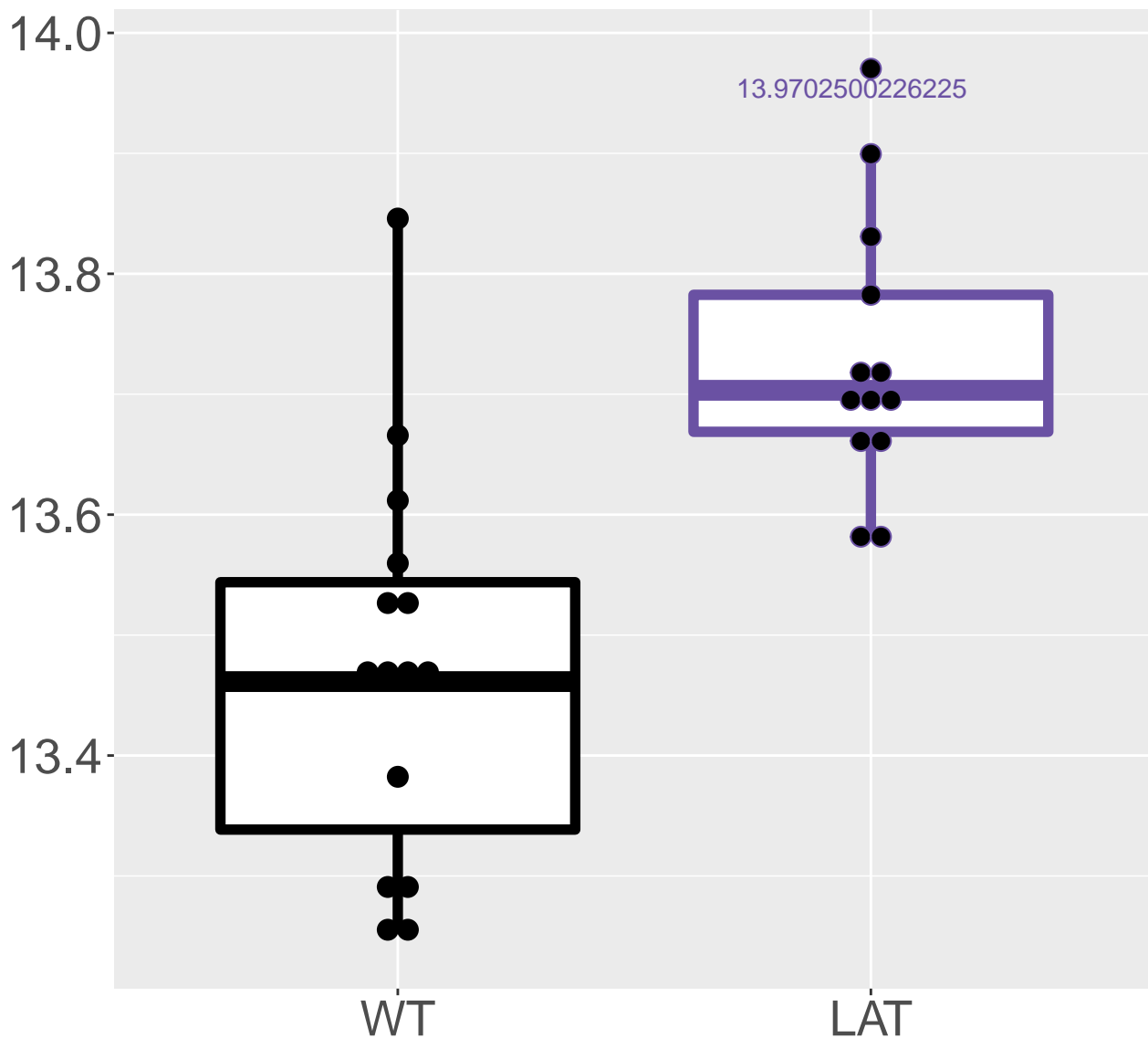
**FDR = 0.0046, FC = 0.42**





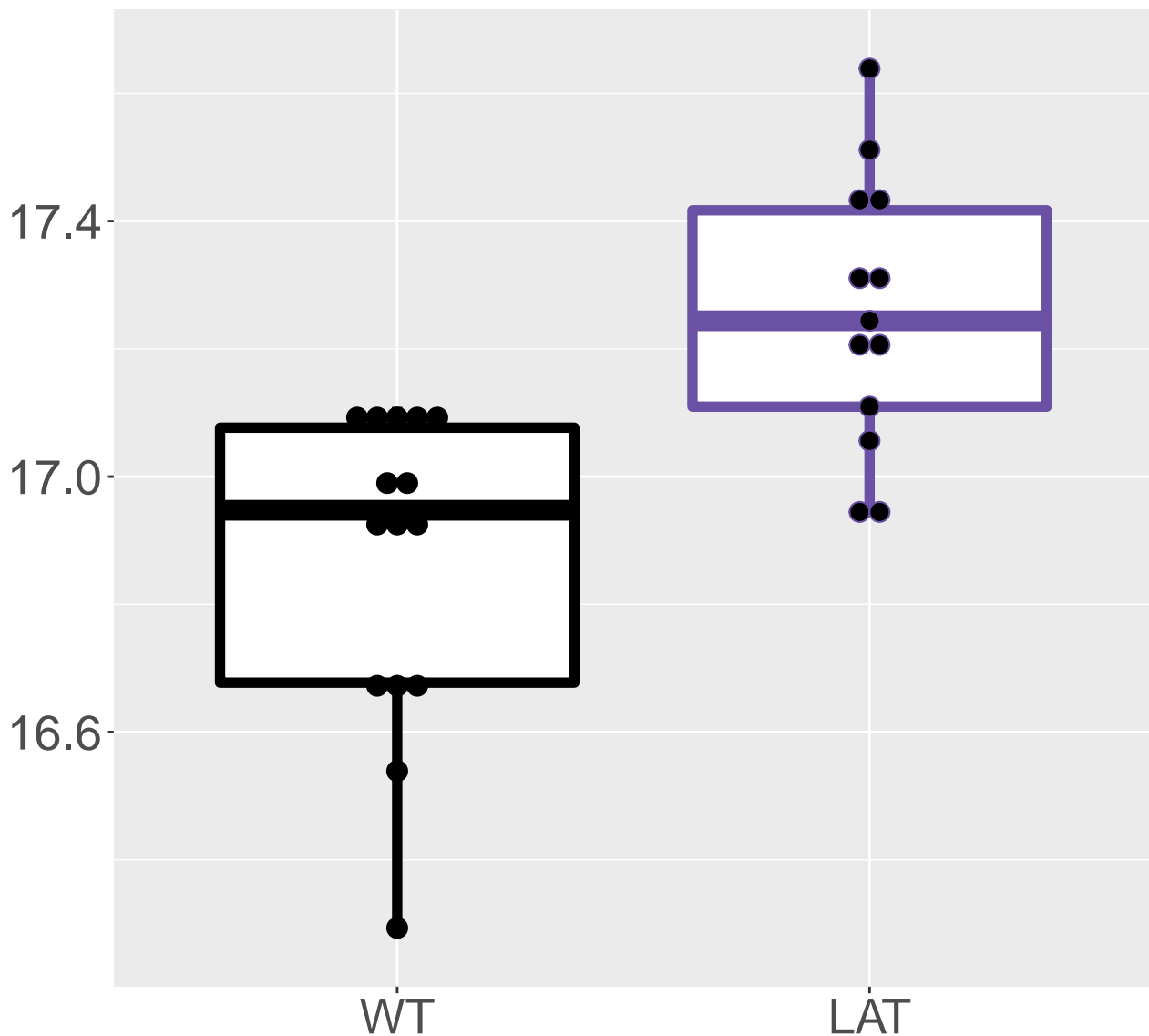
**M238.8982T1027.07**

**FDR = 0.0046, FC = 0.26**



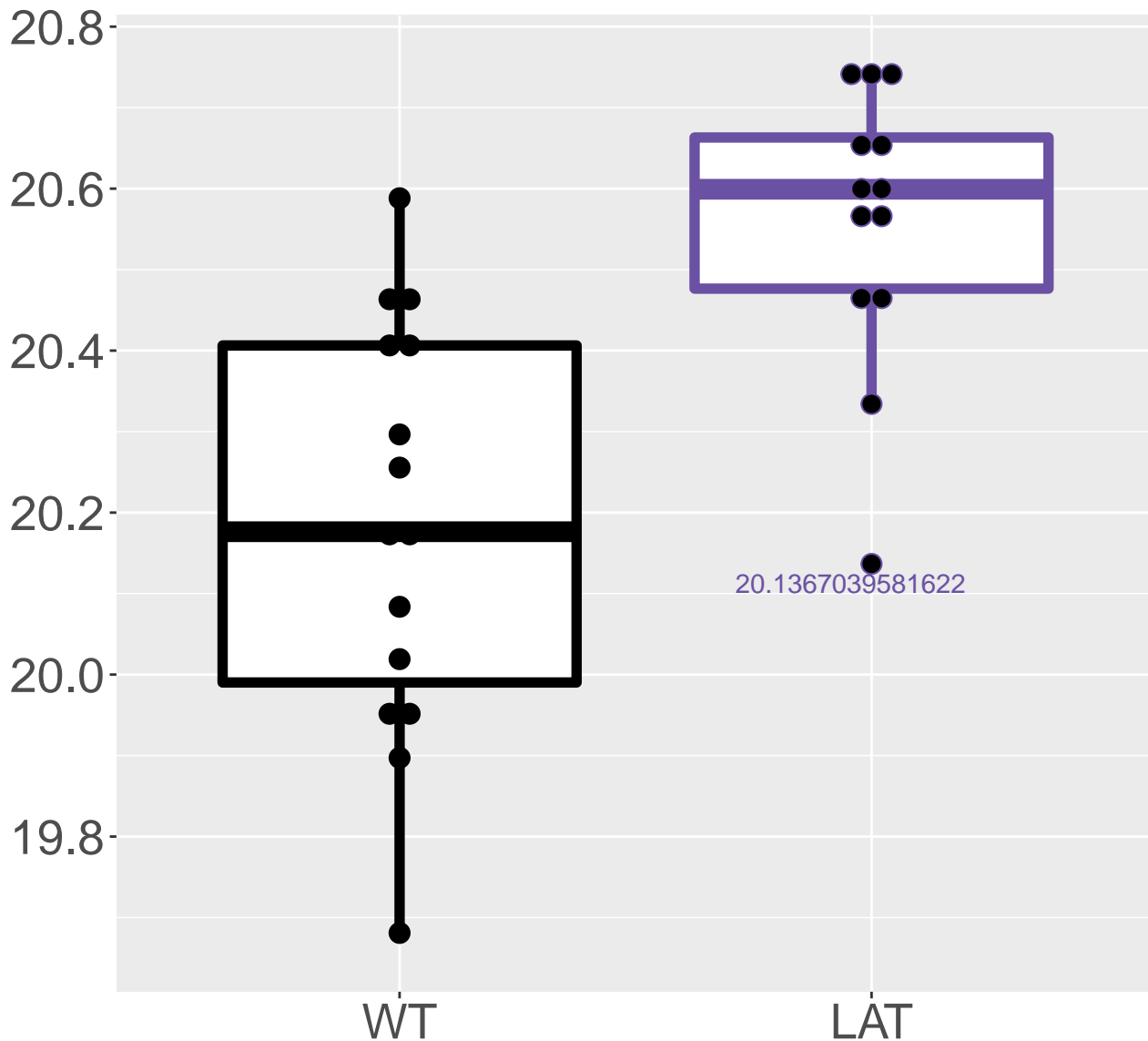
**M500.8942T993.65**

**FDR = 0.0047, FC = 0.39**

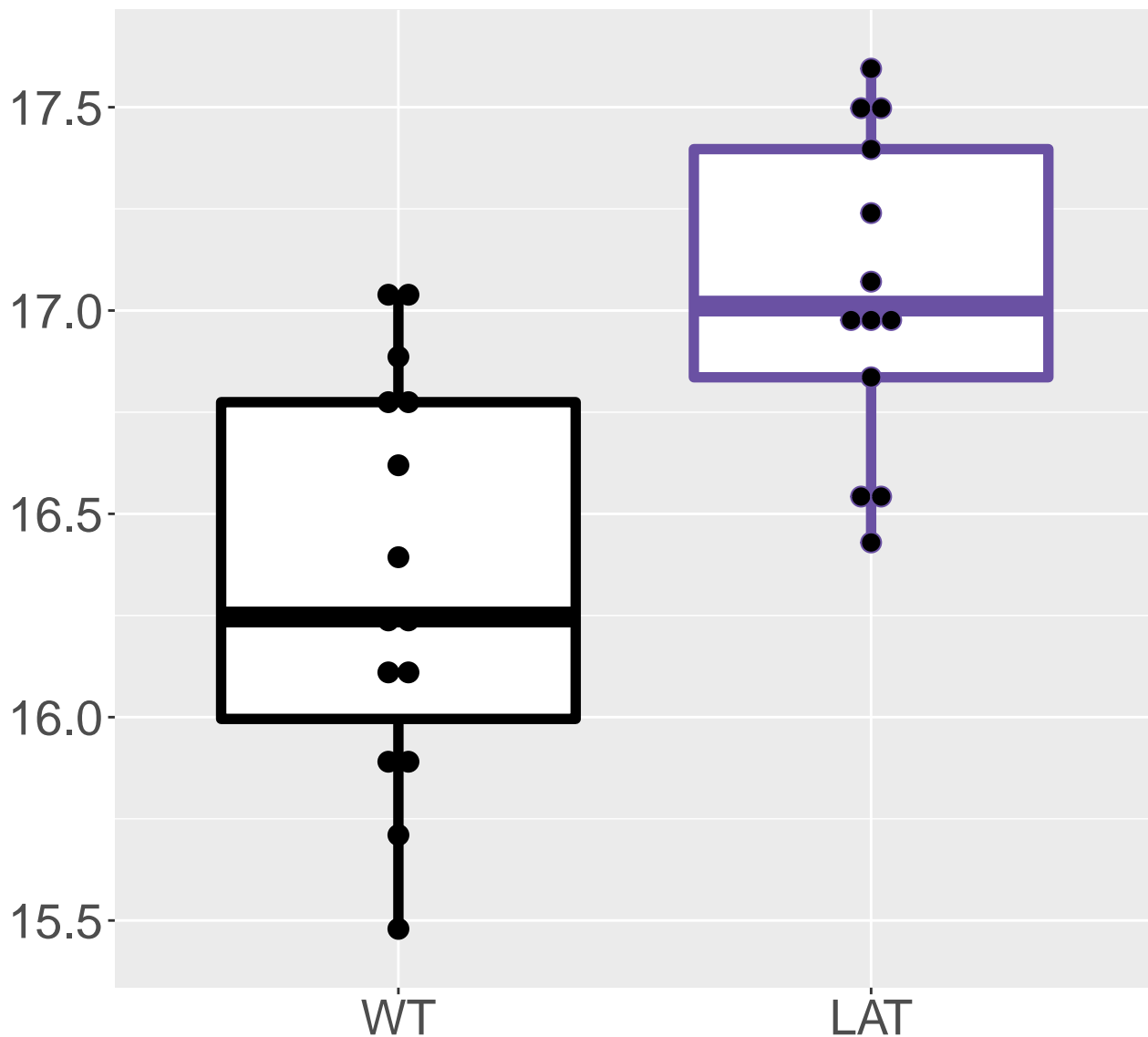


**M140.976T432.39**

**FDR = 0.0047, FC = 0.37**

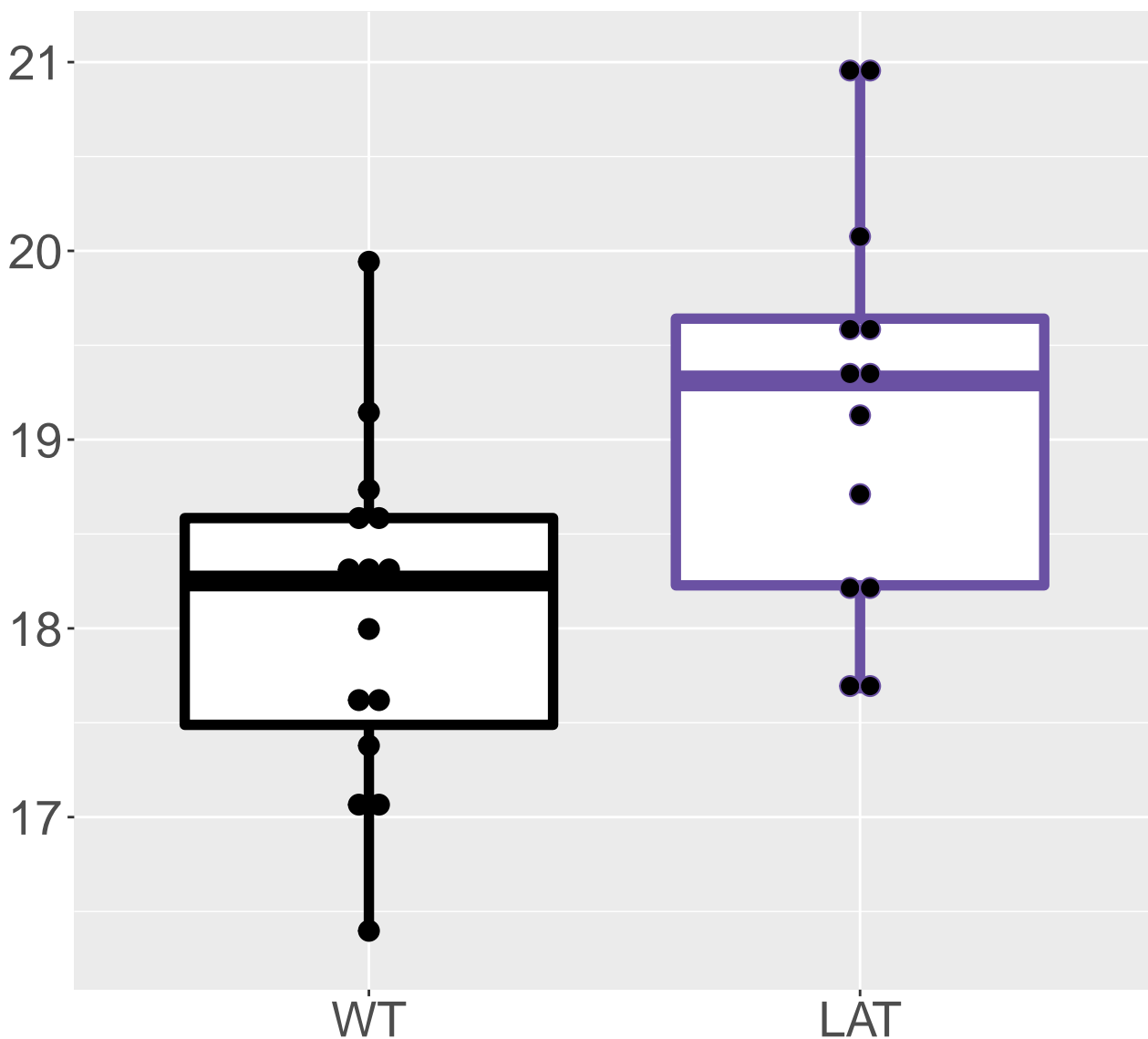


**M135.2778T555.78\_23**  
**FDR = 0.0047, FC = 0.7**



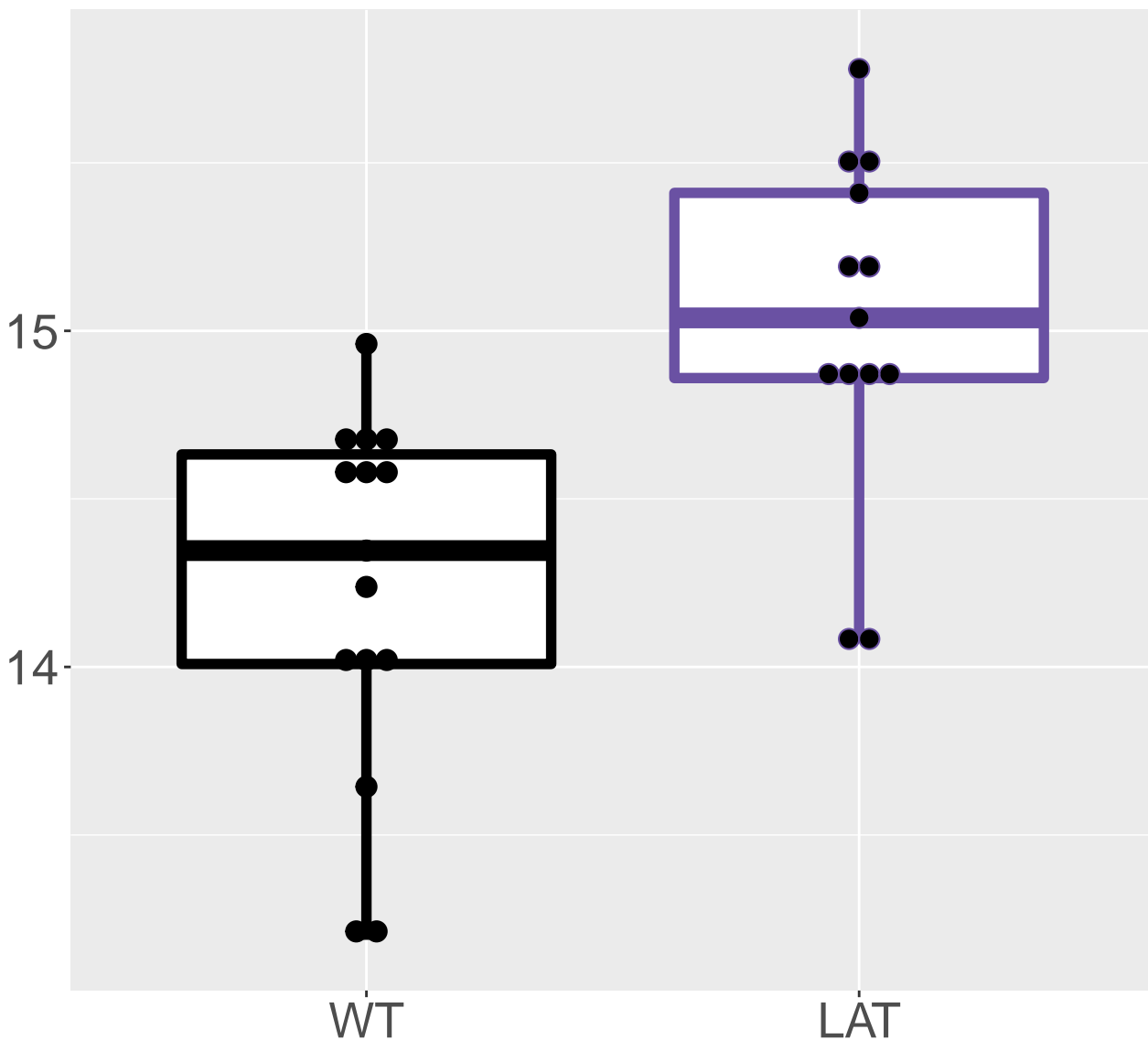
**M230.9973T565.23**

**FDR = 0.0047, FC = 1.1, sex\*\***

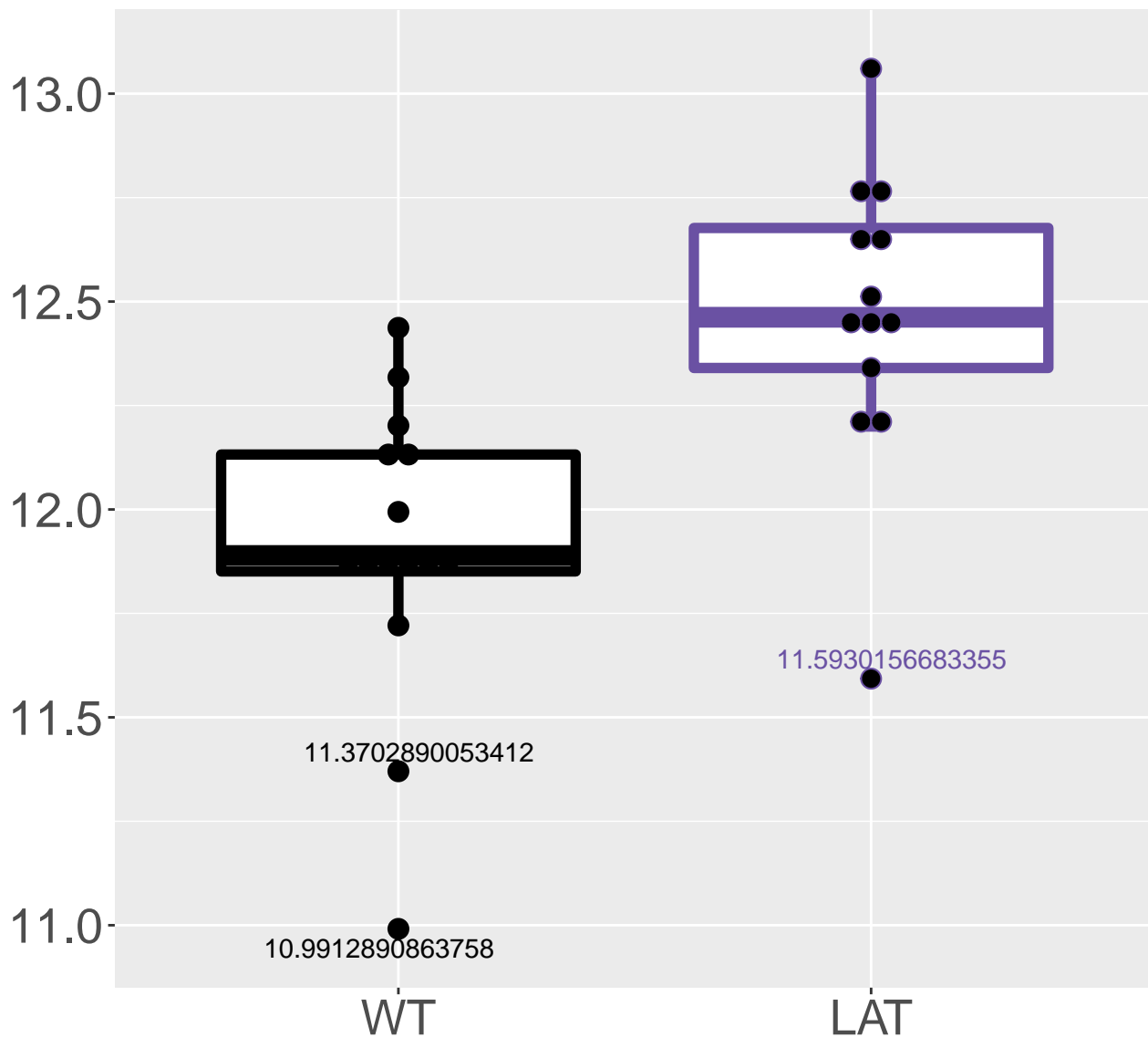


**M461.3935T993.24**

**FDR = 0.0047, FC = 0.79**

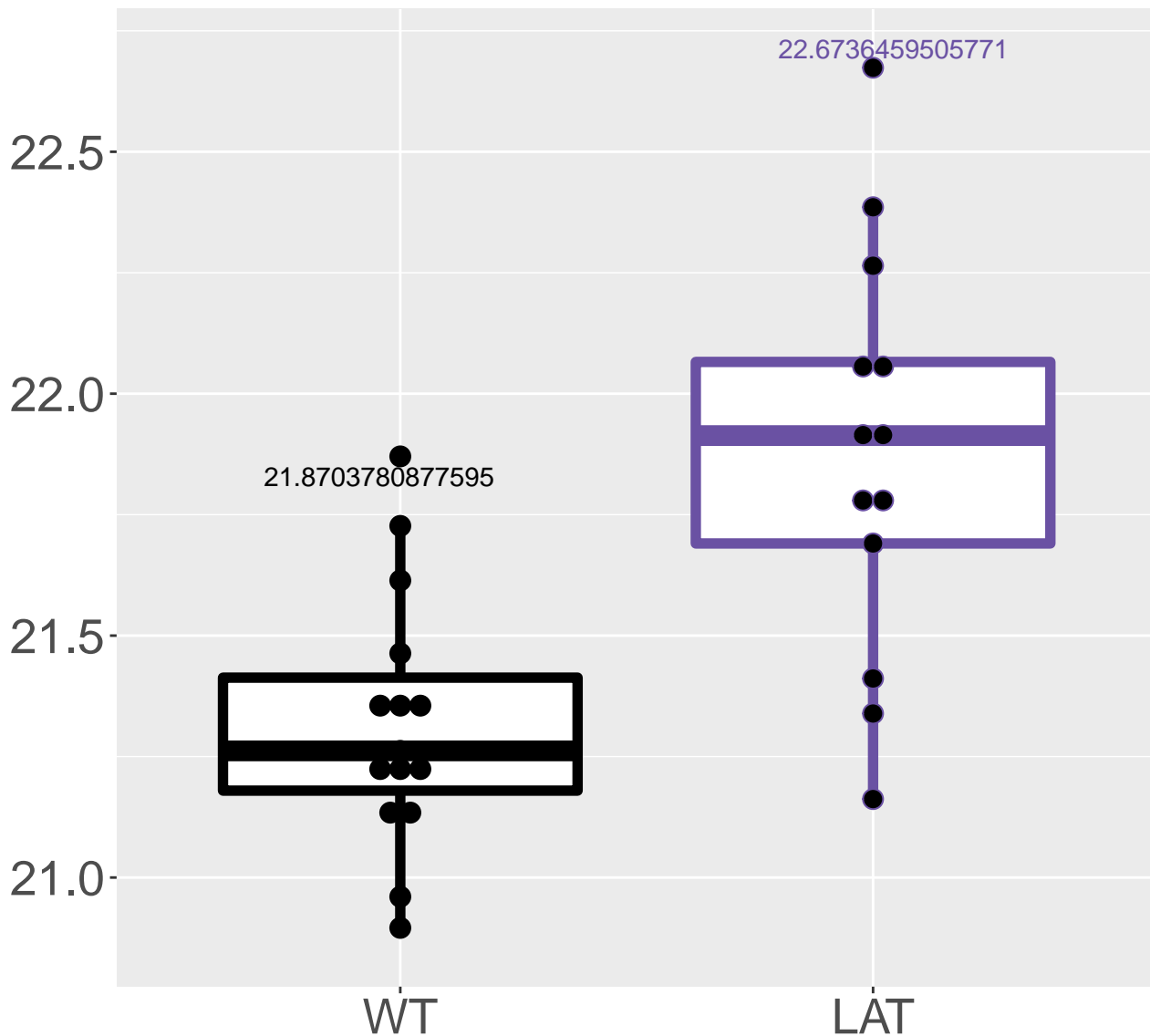


**M305.8737T1023.09**  
**FDR = 0.0047, FC = 0.57**



**M112.9858T99.04**

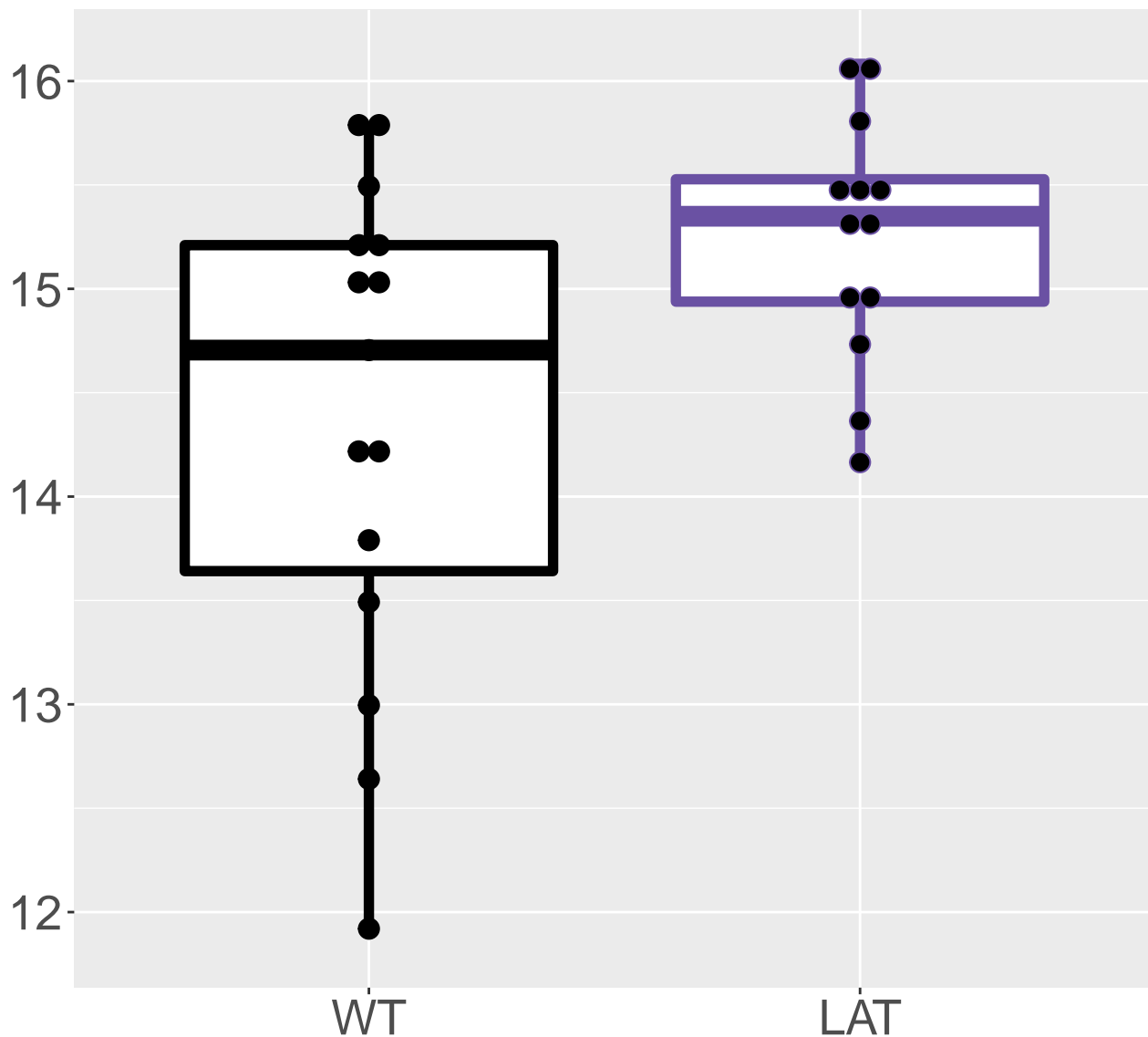
**FDR = 0.0047, FC = 0.56**





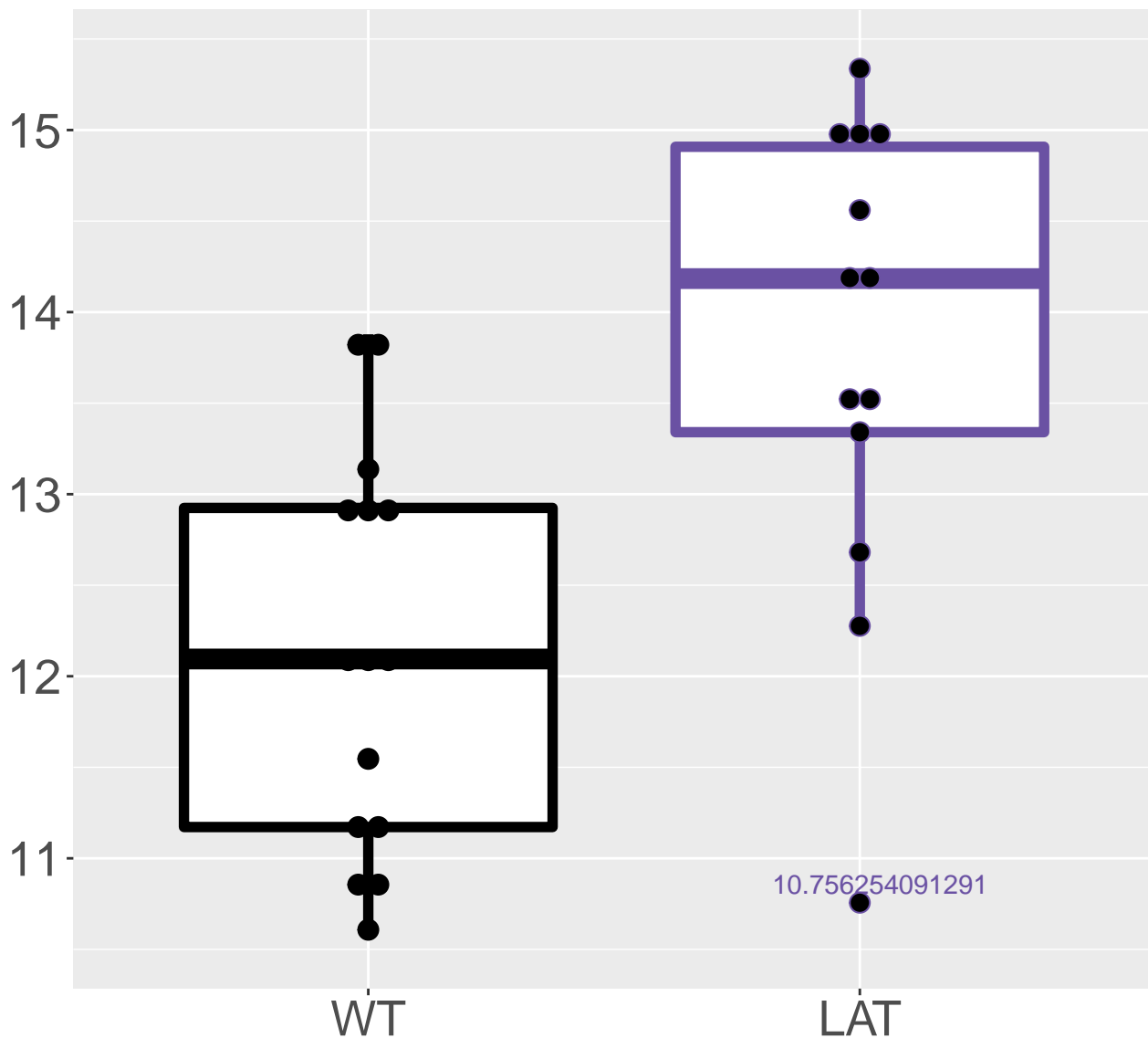
**M590.0919T155.11**

**FDR = 0.0047, FC = 0.88, sex\*\*\***

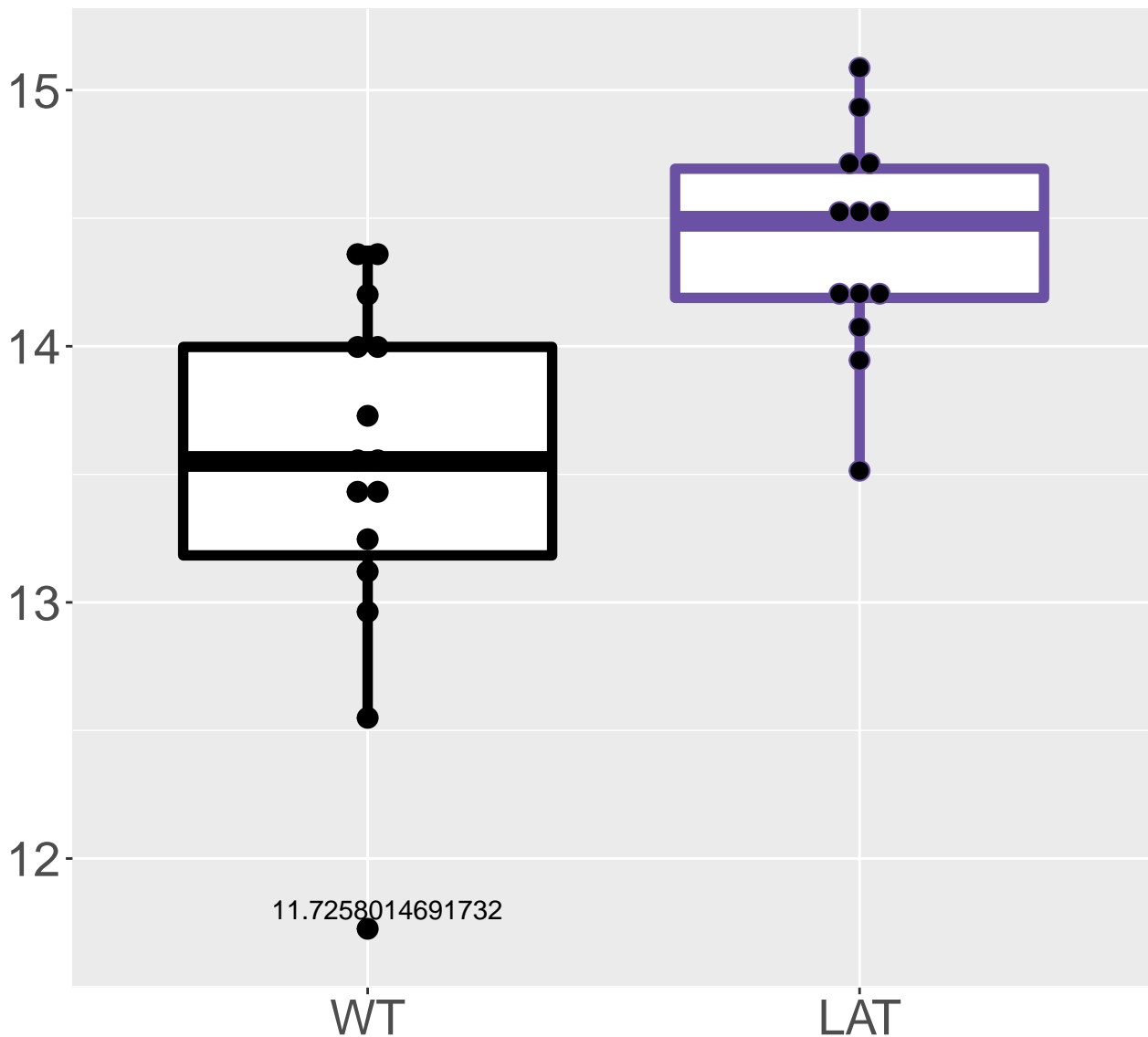


**M317.0068T352.45**

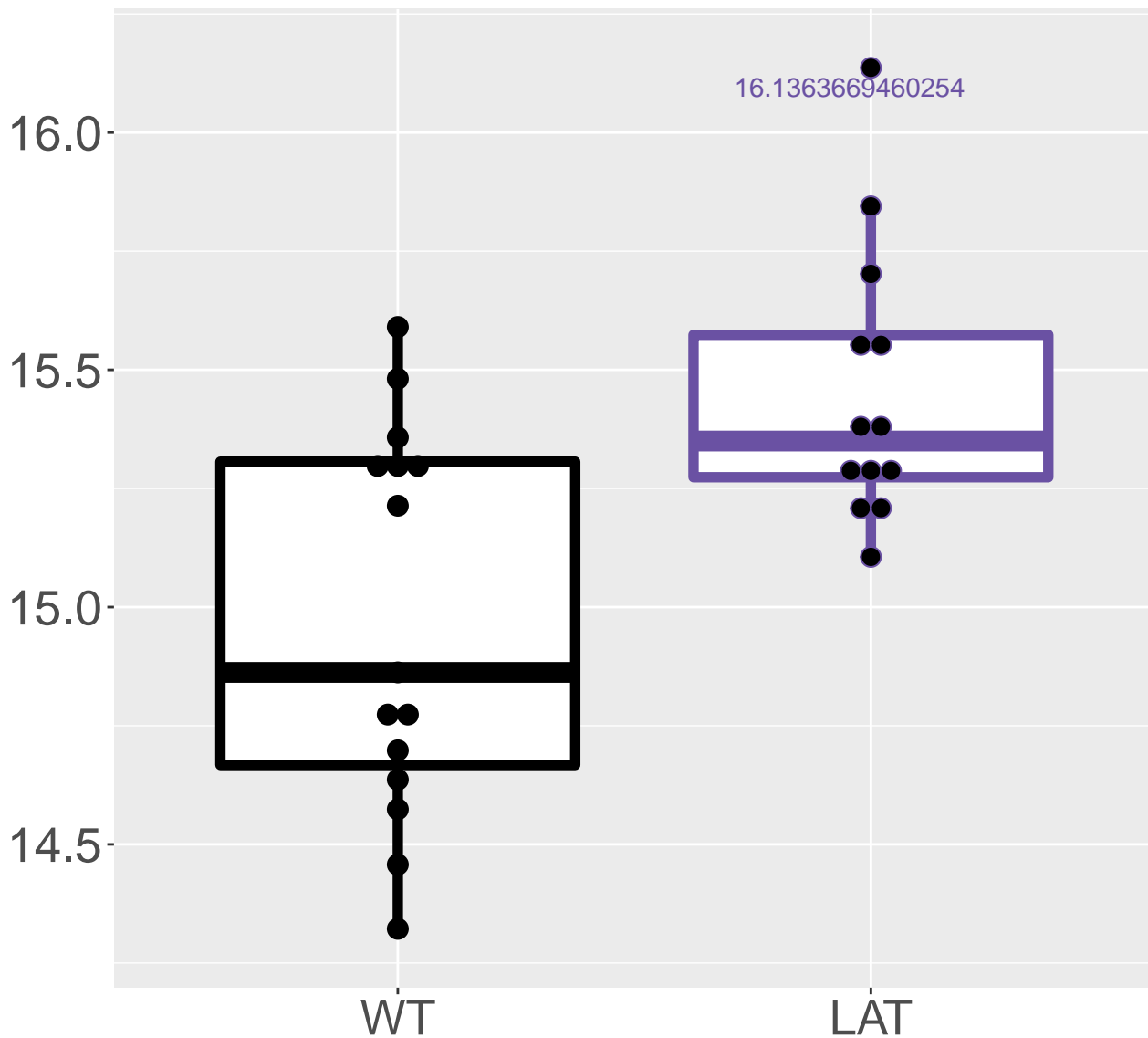
**FDR = 0.0048, FC = 1.7, sex\***



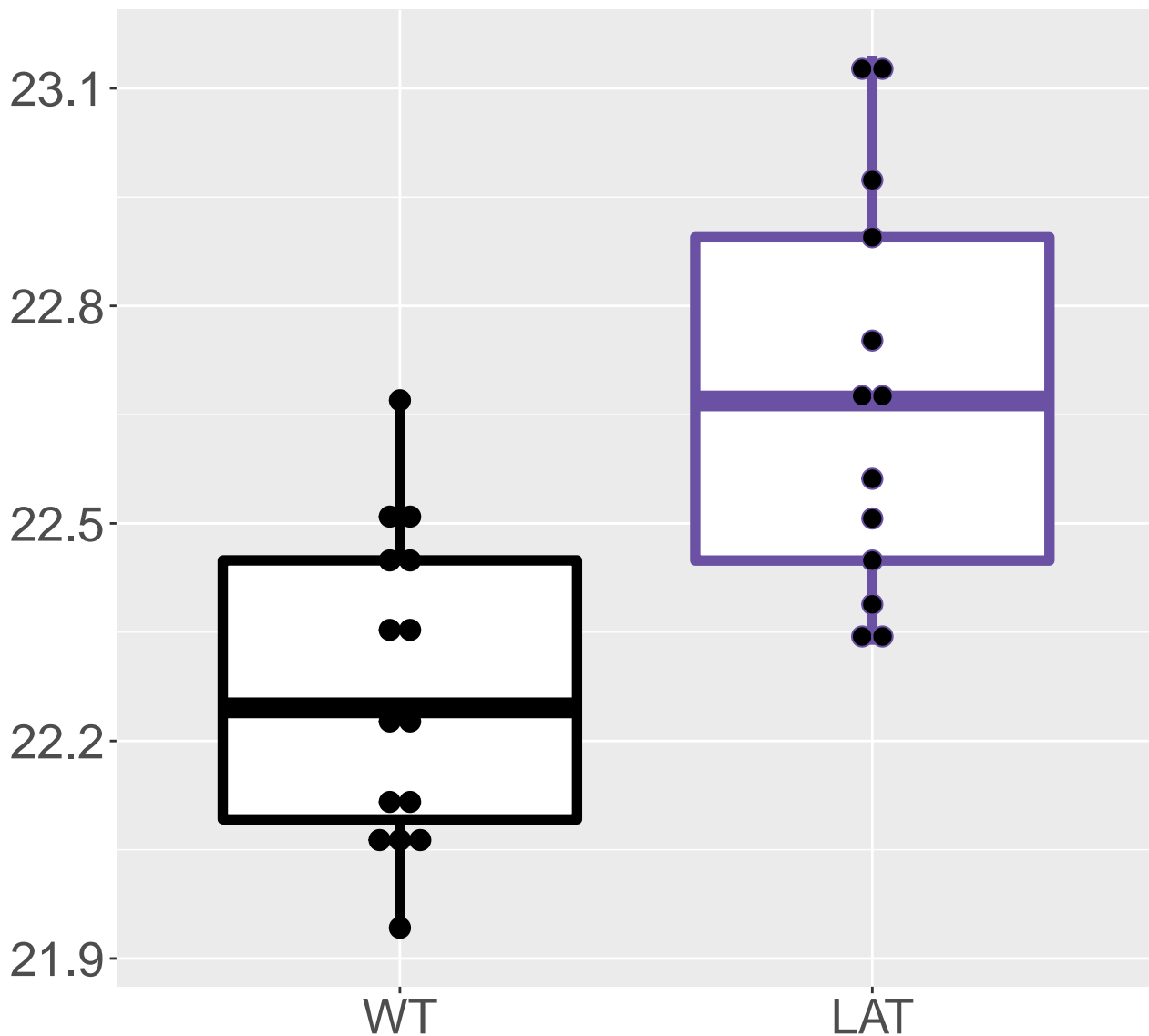
**M386.9215T993.44\_1**  
**FDR = 0.0048, FC = 0.92**



**FDR = 0.0048, FC = 0.48**

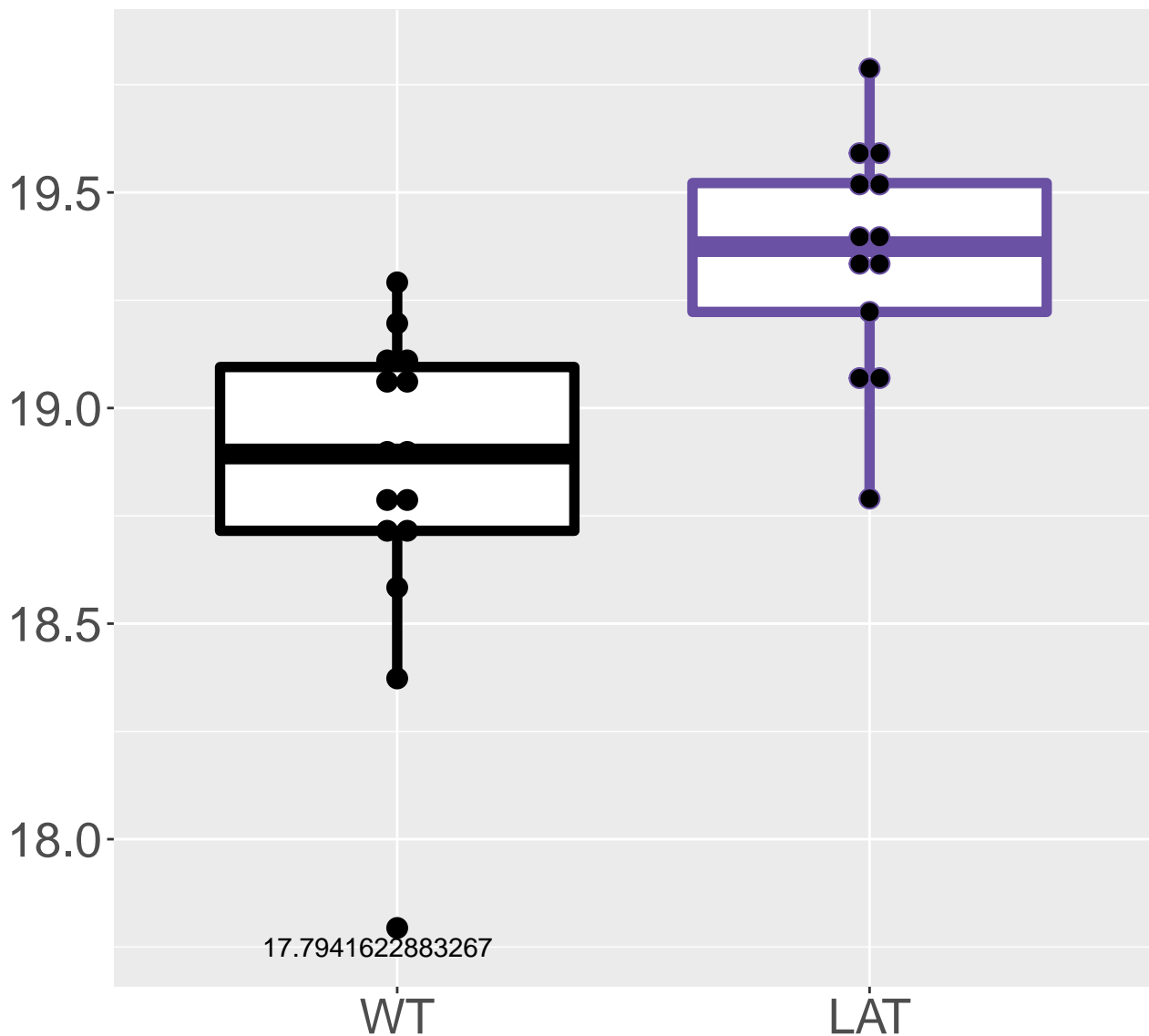


**L-Glutamic acid; Glutamic acid; Glu|N-Methyl-**  
**FDR = 0.0048, FC = 0.4**

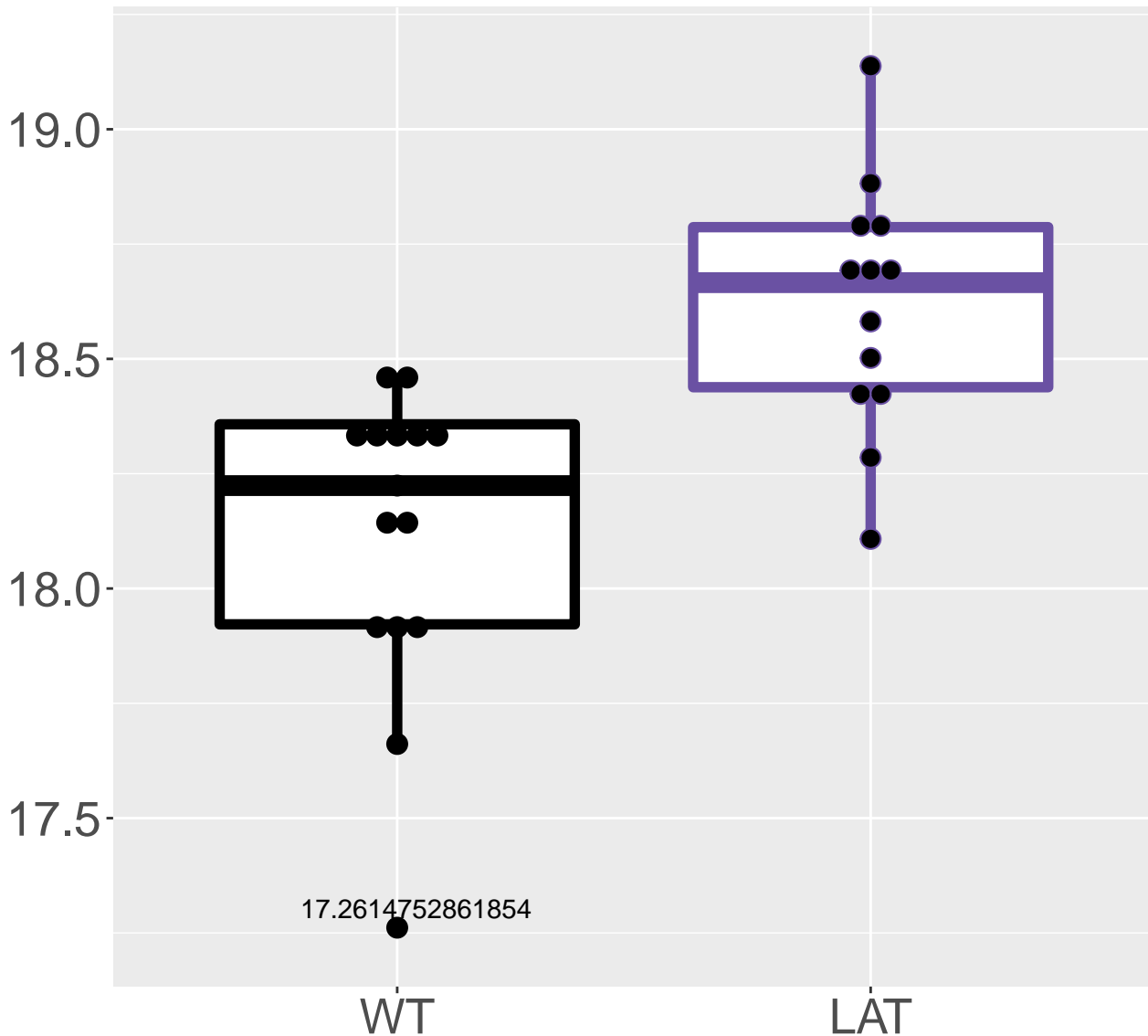


**M230.9878T385.77**

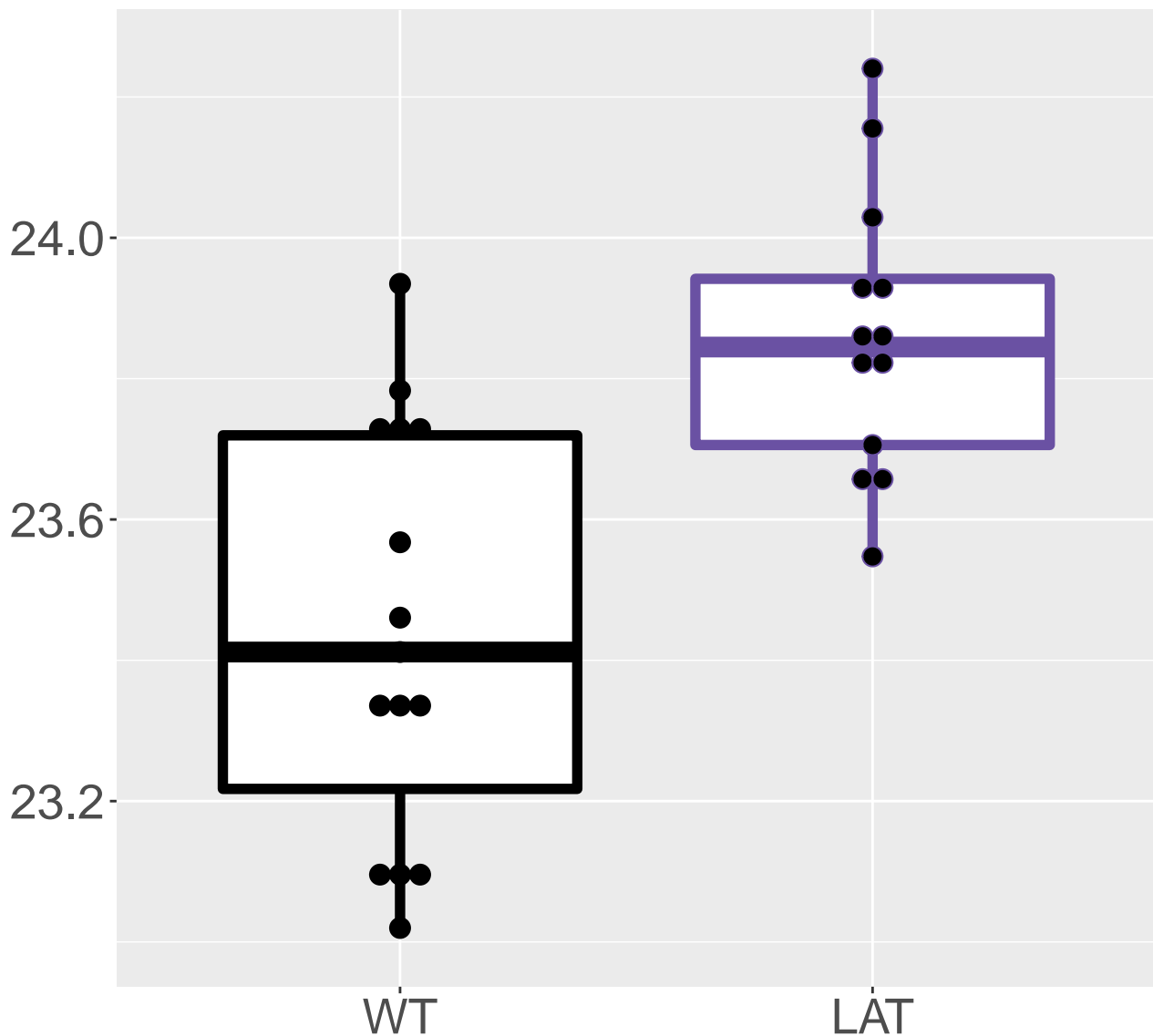
**FDR = 0.0048, FC = 0.53**



**M356.4001T993.51\_2**  
**FDR = 0.0048, FC = 0.5**



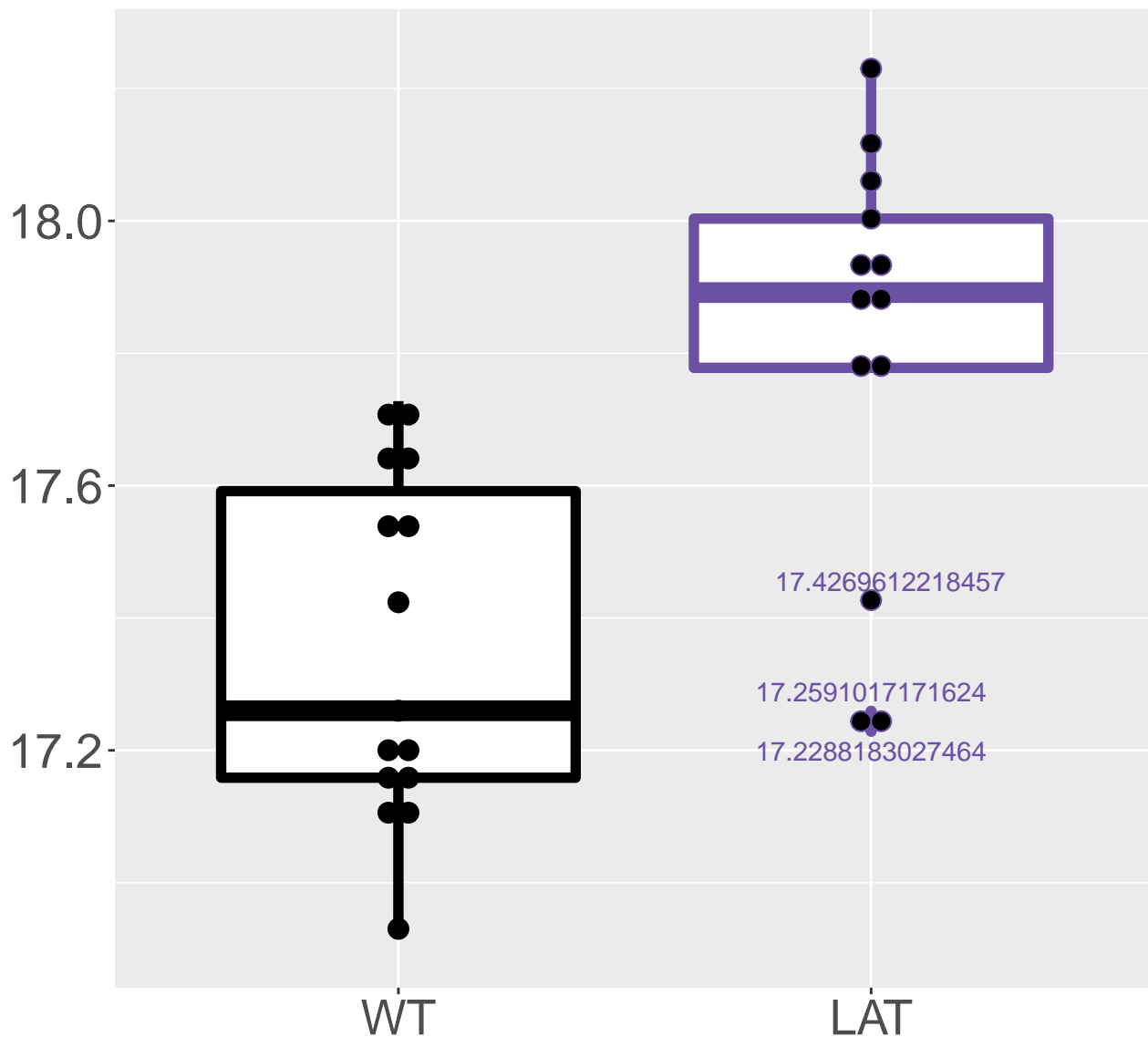
**4-Methyl-2-oxovaleric acid;Ketoleucine;4-methyl-2-oxopentanoic acid**  
**FDR = 0.0048, FC = 0.42**





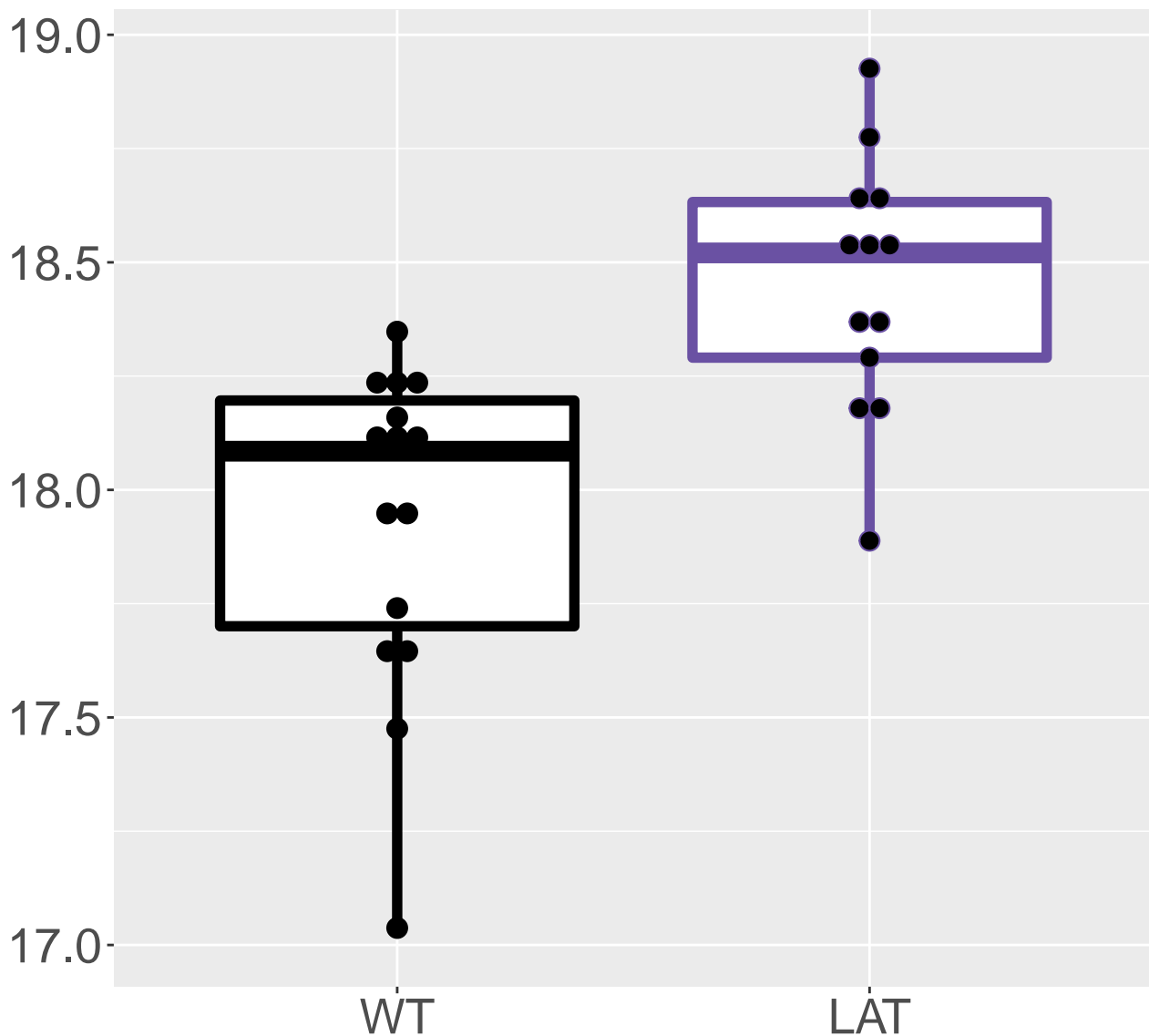
**M154.0512T207.16**

**FDR = 0.0049, FC = 0.45**

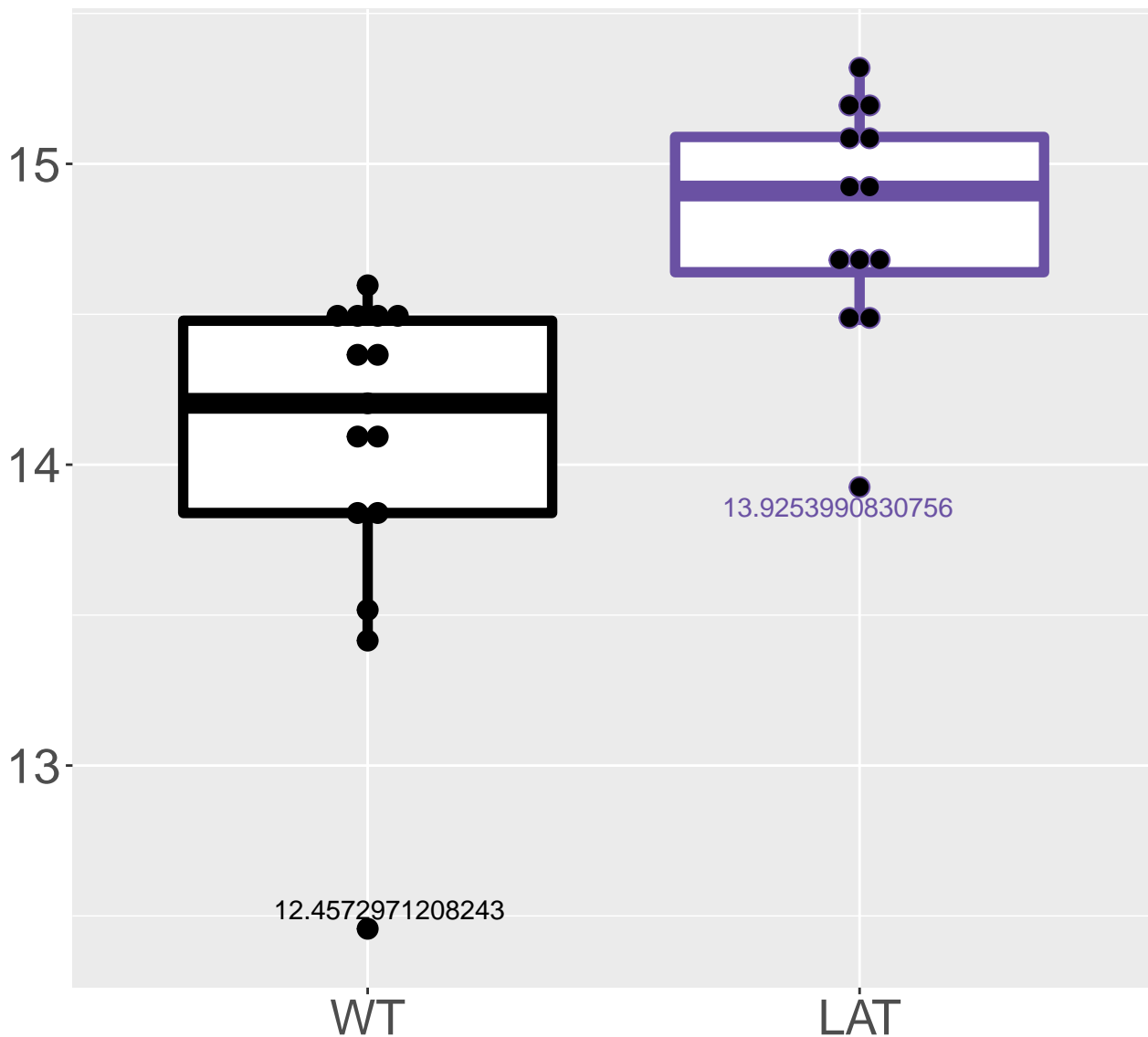


**M389.3861T993.63**

**FDR = 0.0049, FC = 0.52**

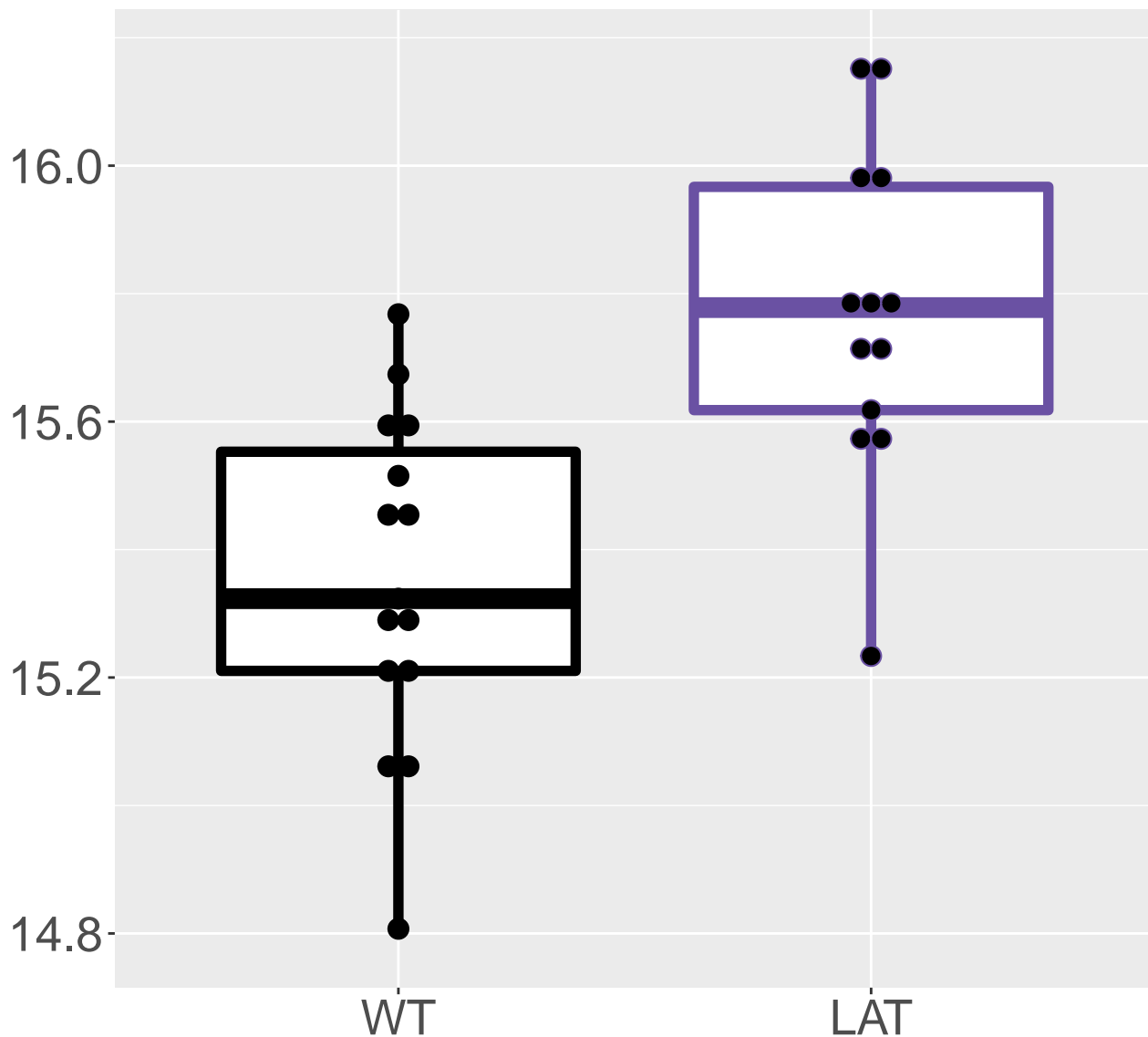


**M649.8642T993.37**  
**FDR = 0.0051, FC = 0.77**

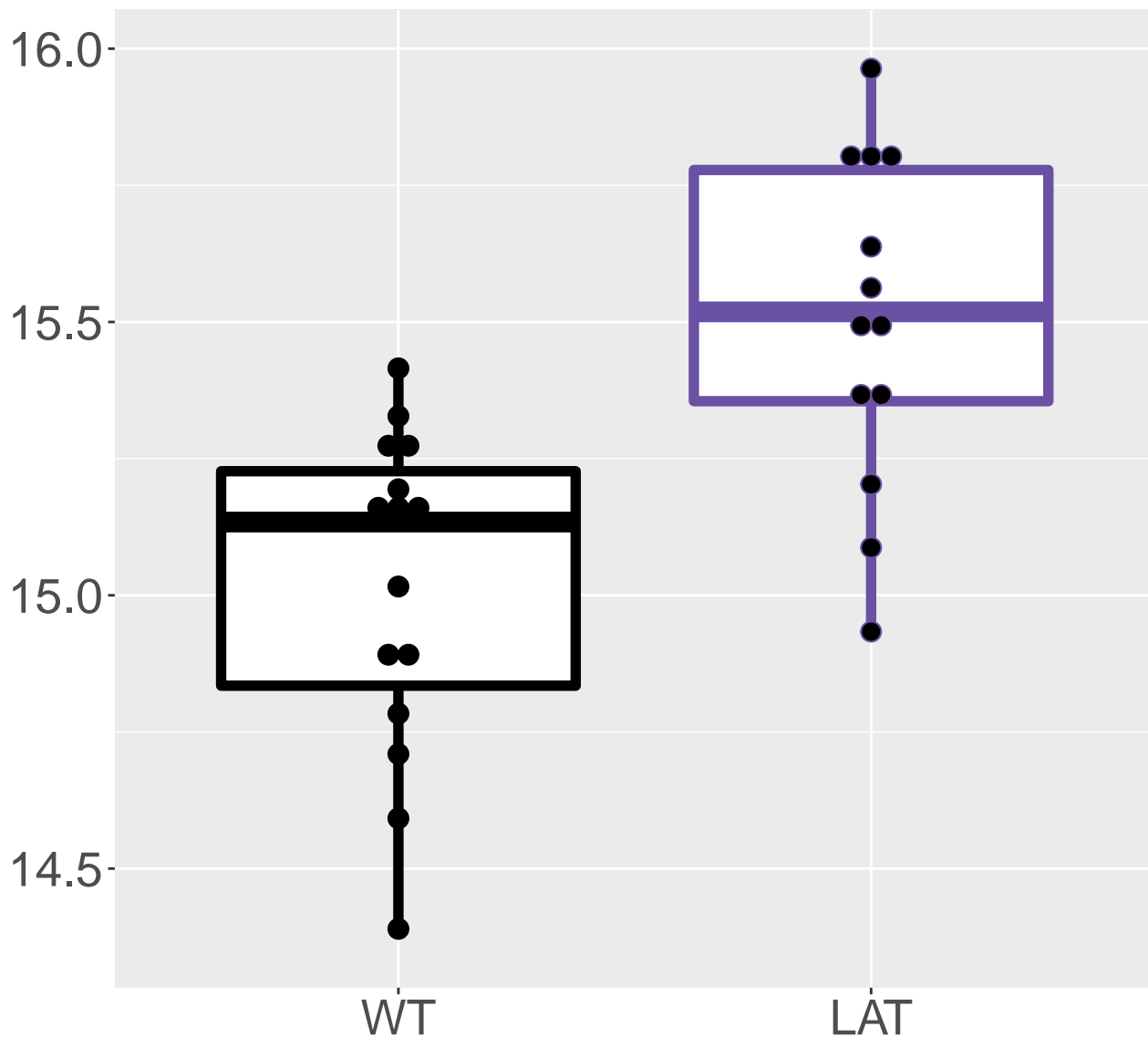


**M521.9179T993.73**

**FDR = 0.0051, FC = 0.42**

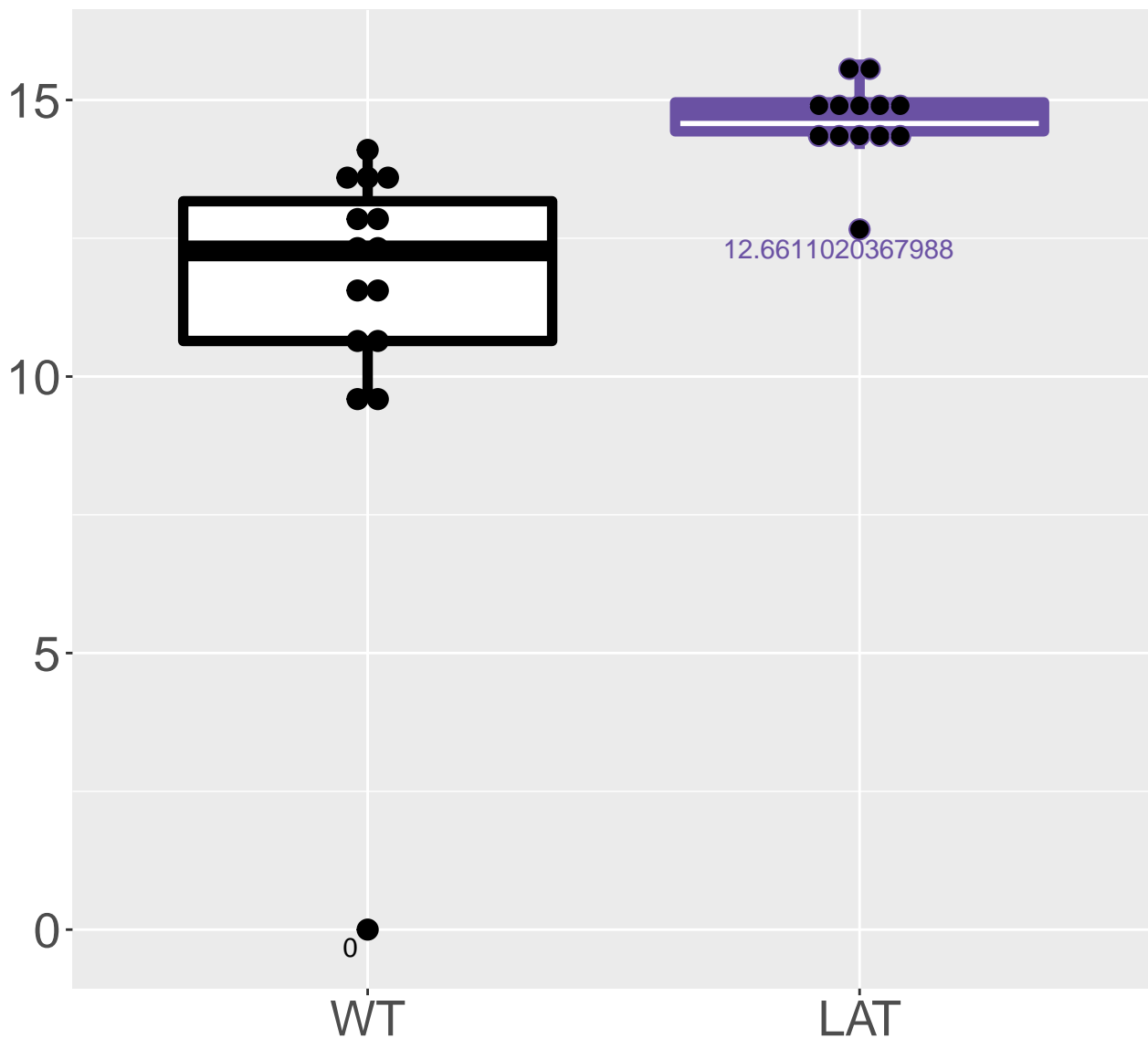


**M520.9338T993.54**  
**FDR = 0.0051, FC = 0.48**



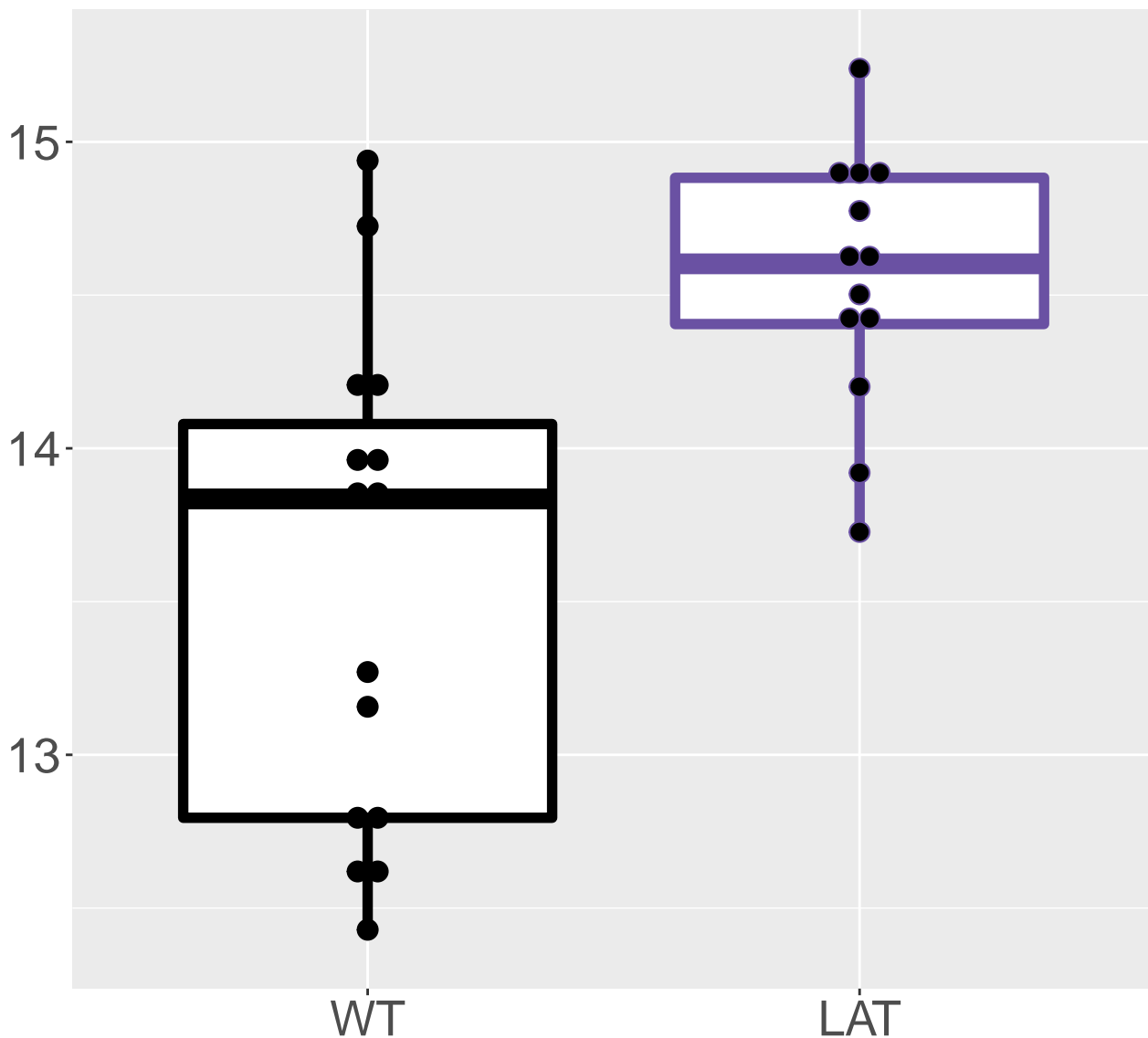
**M251.9977T507.21**

**FDR = 0.0051, FC = 3.4**



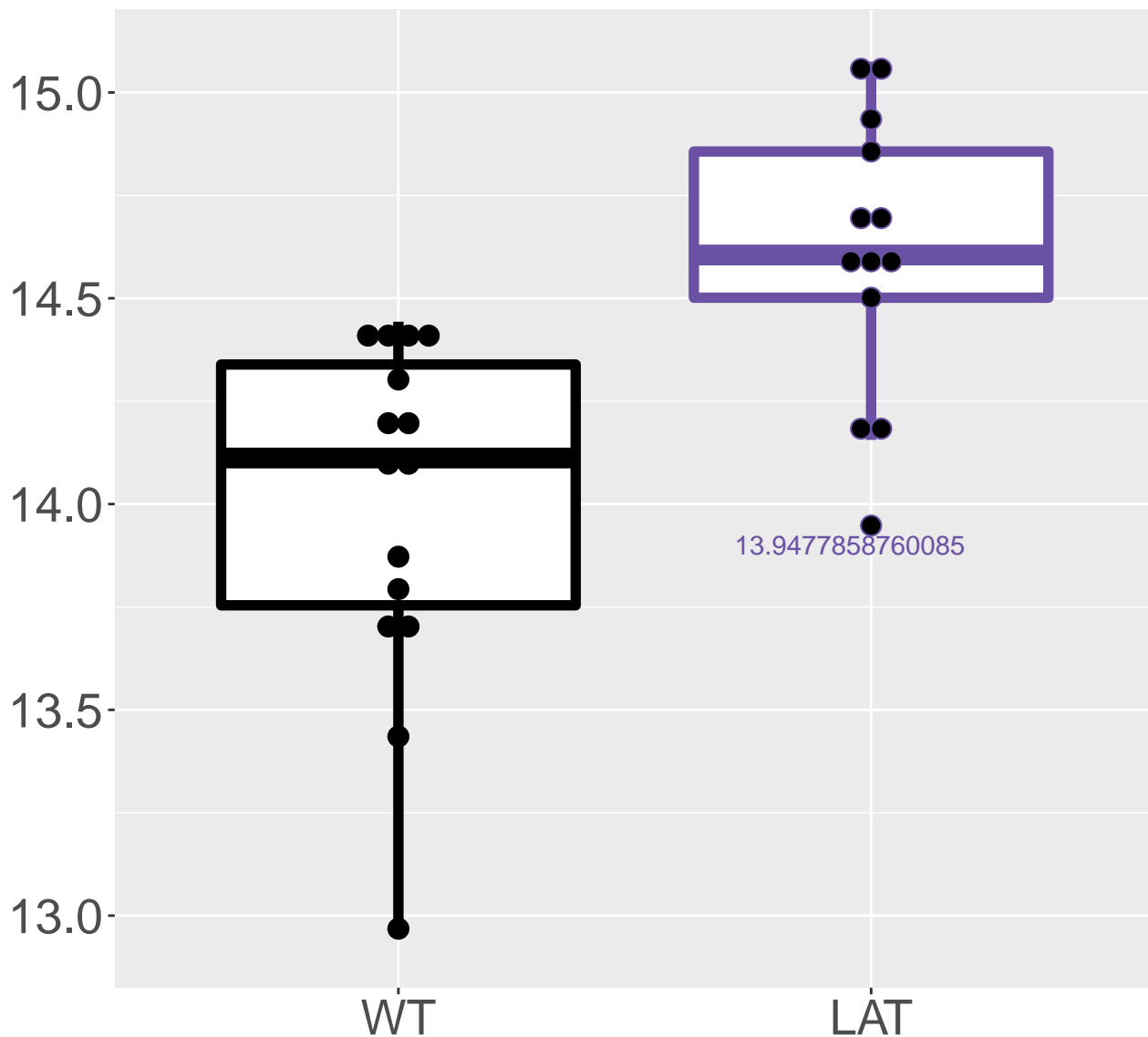
**M202.0837T387.55**

**FDR = 0.0051, FC = 0.99**



**M376.3962T993.5**

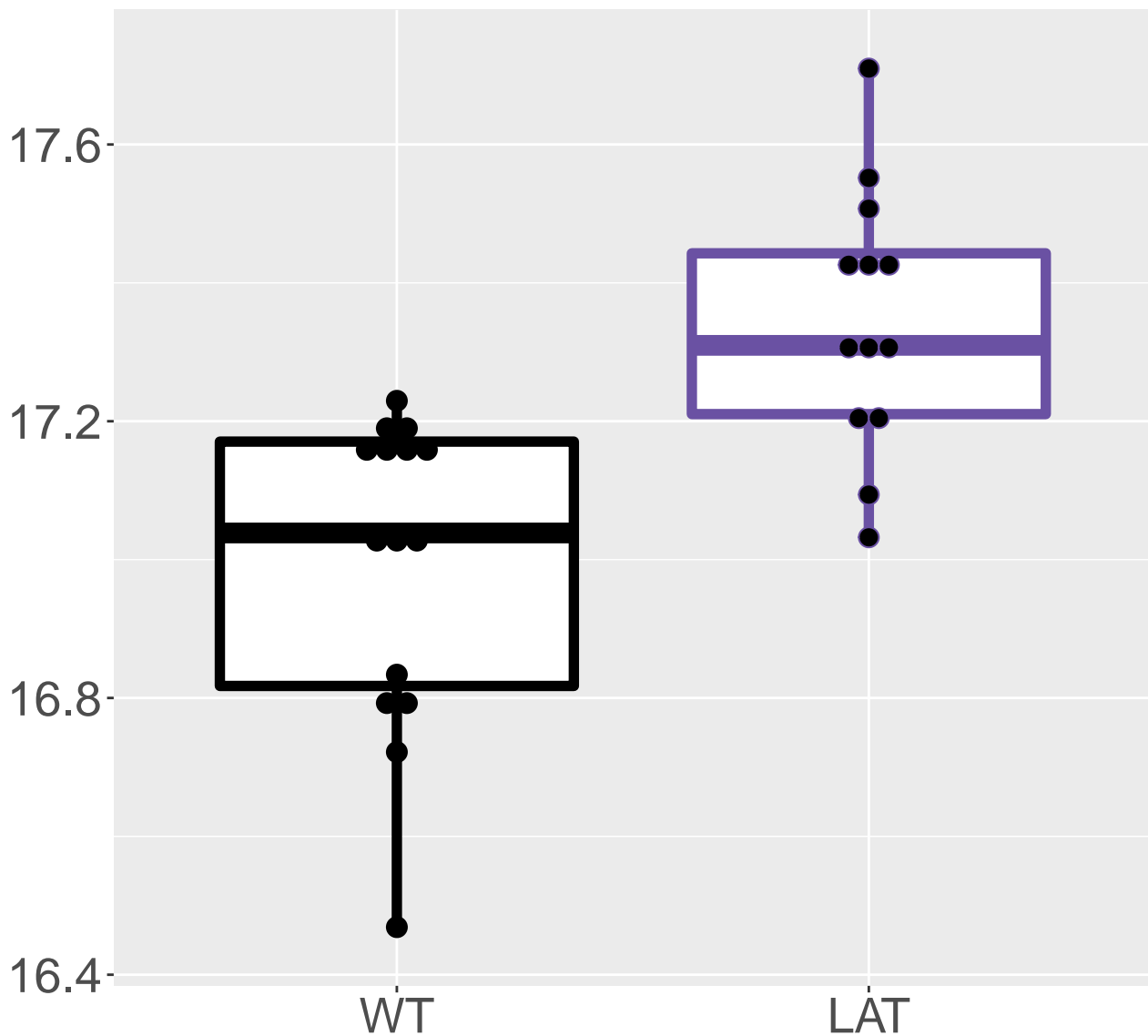
**FDR = 0.0051, FC = 0.61**





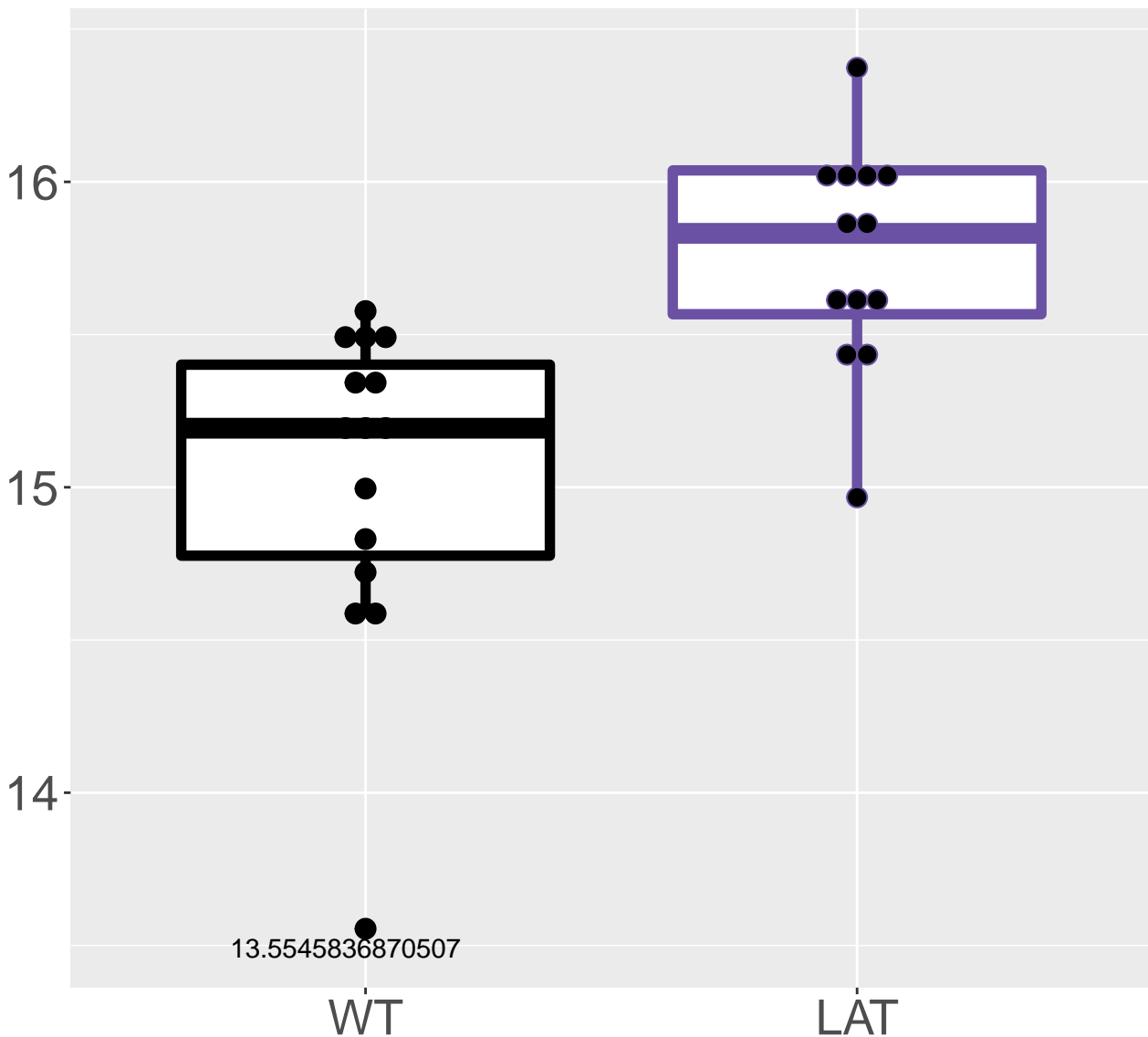
**M523.8599T993.73**

**FDR = 0.0051, FC = 0.35**



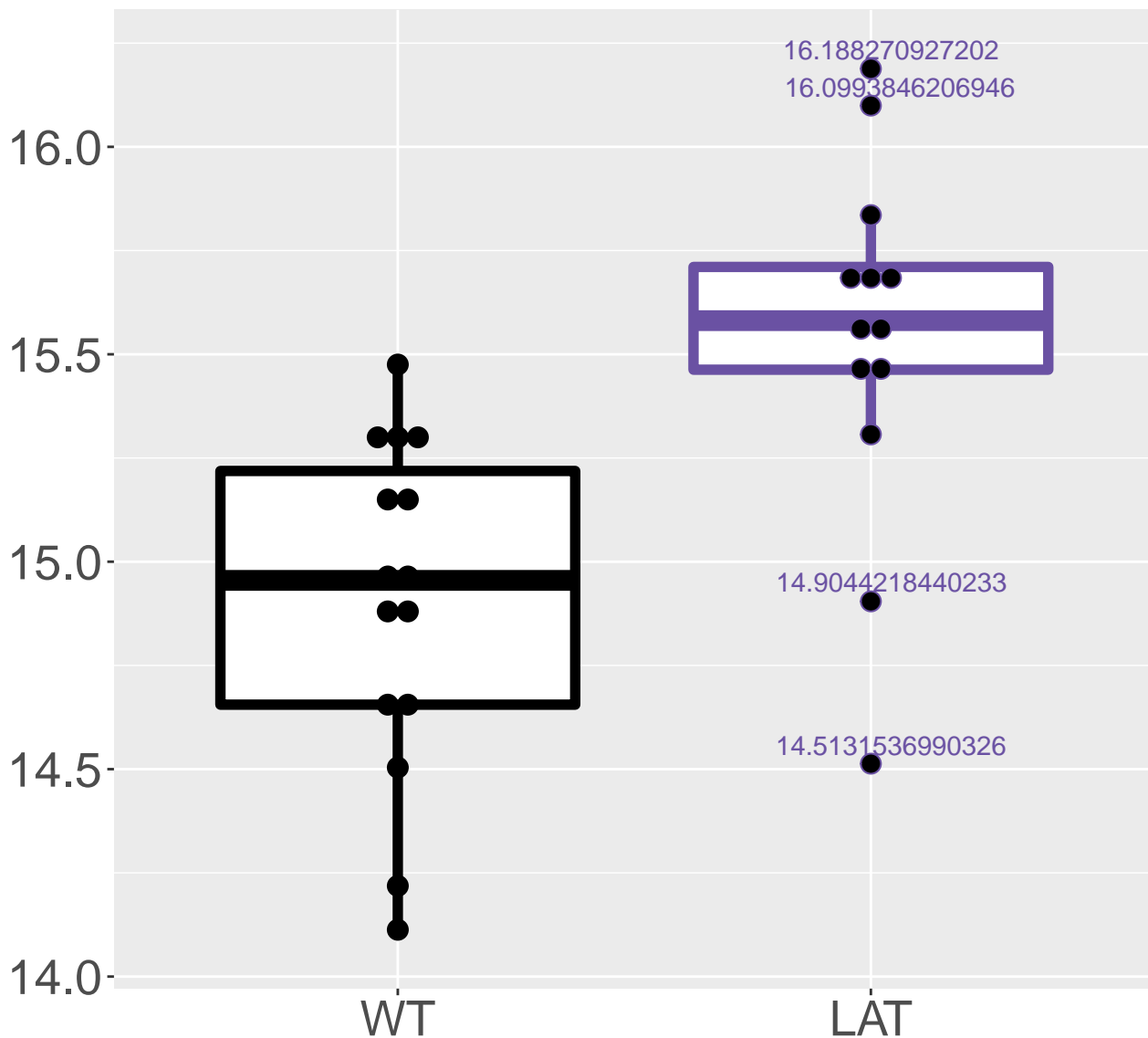
**M472.8763T993.37**

**FDR = 0.0051, FC = 0.72**



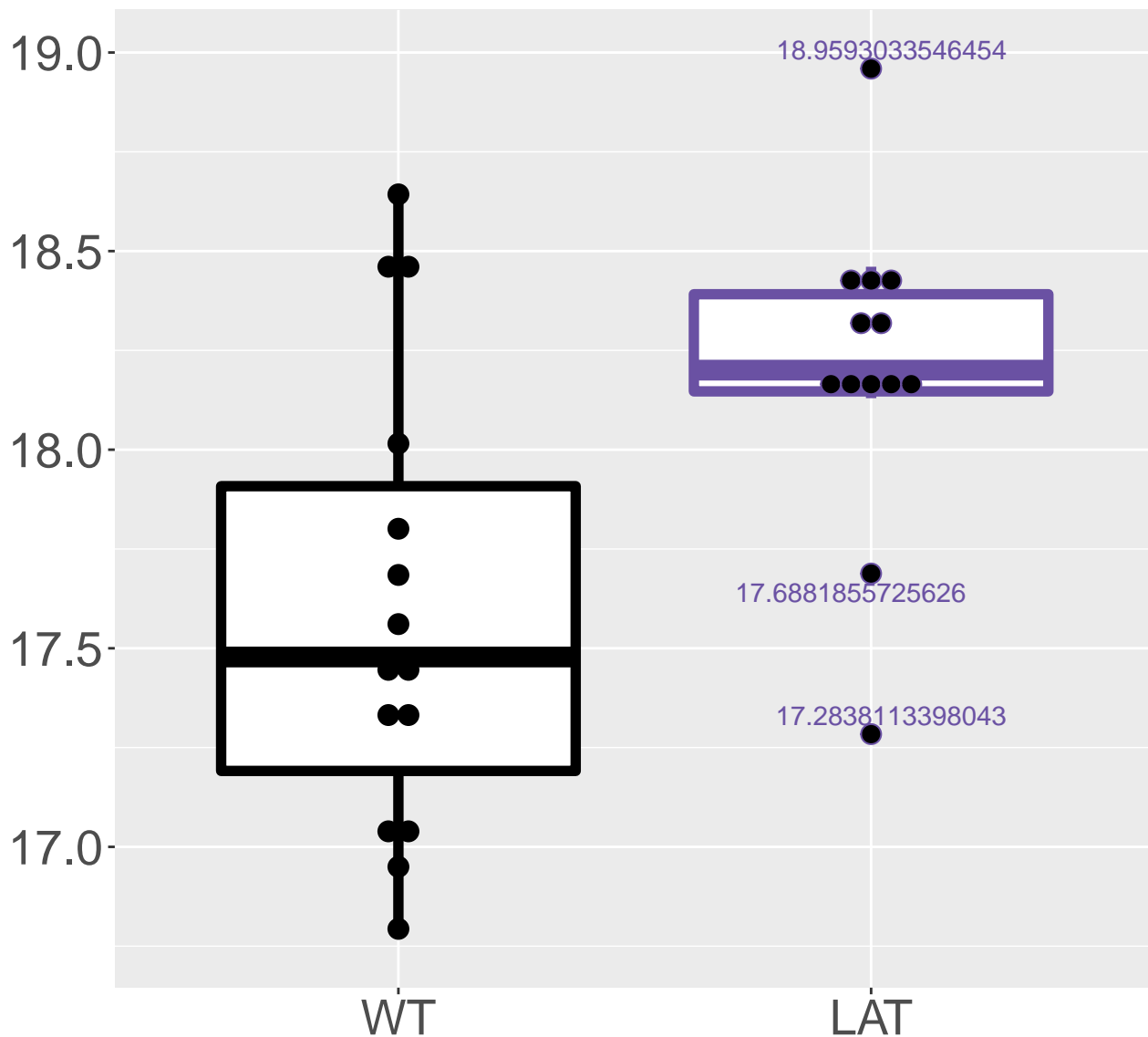
**M117.0081T553.22**

**FDR = 0.0051, FC = 0.63**

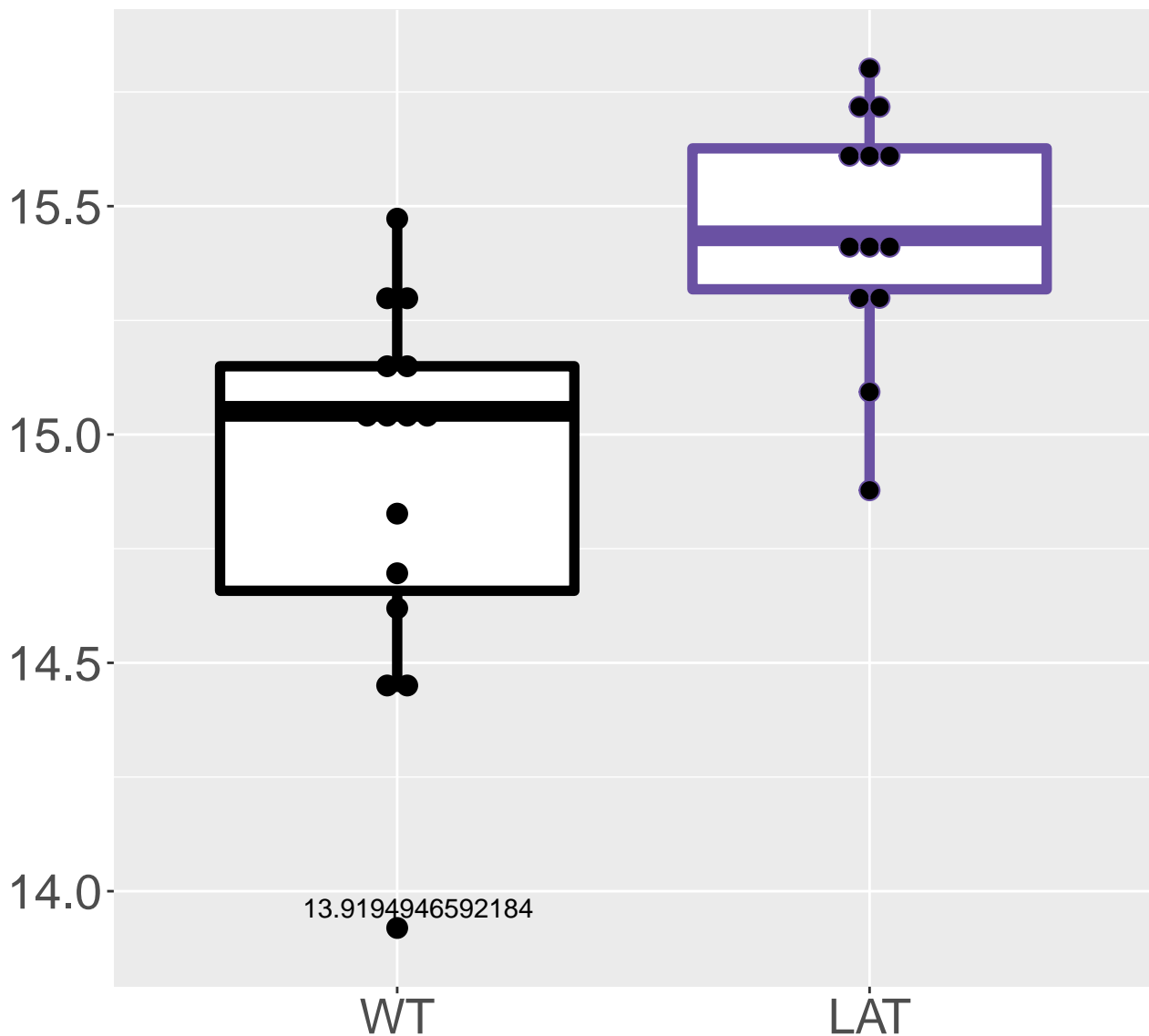


**M210.9728T383.44**

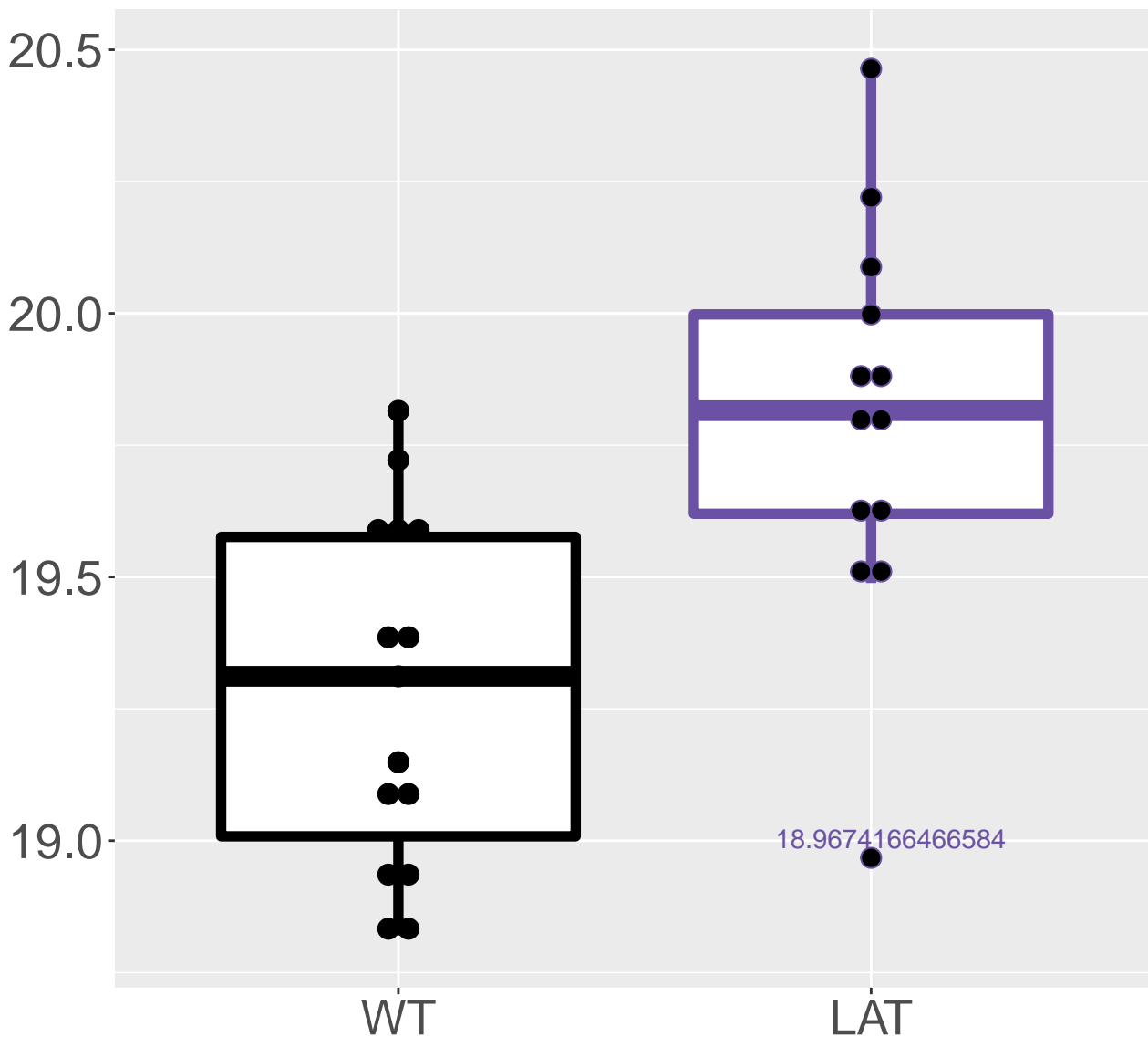
**FDR = 0.0051, FC = 0.61, sex\***



**M451.3866T993.65**  
**FDR = 0.0051, FC = 0.55**

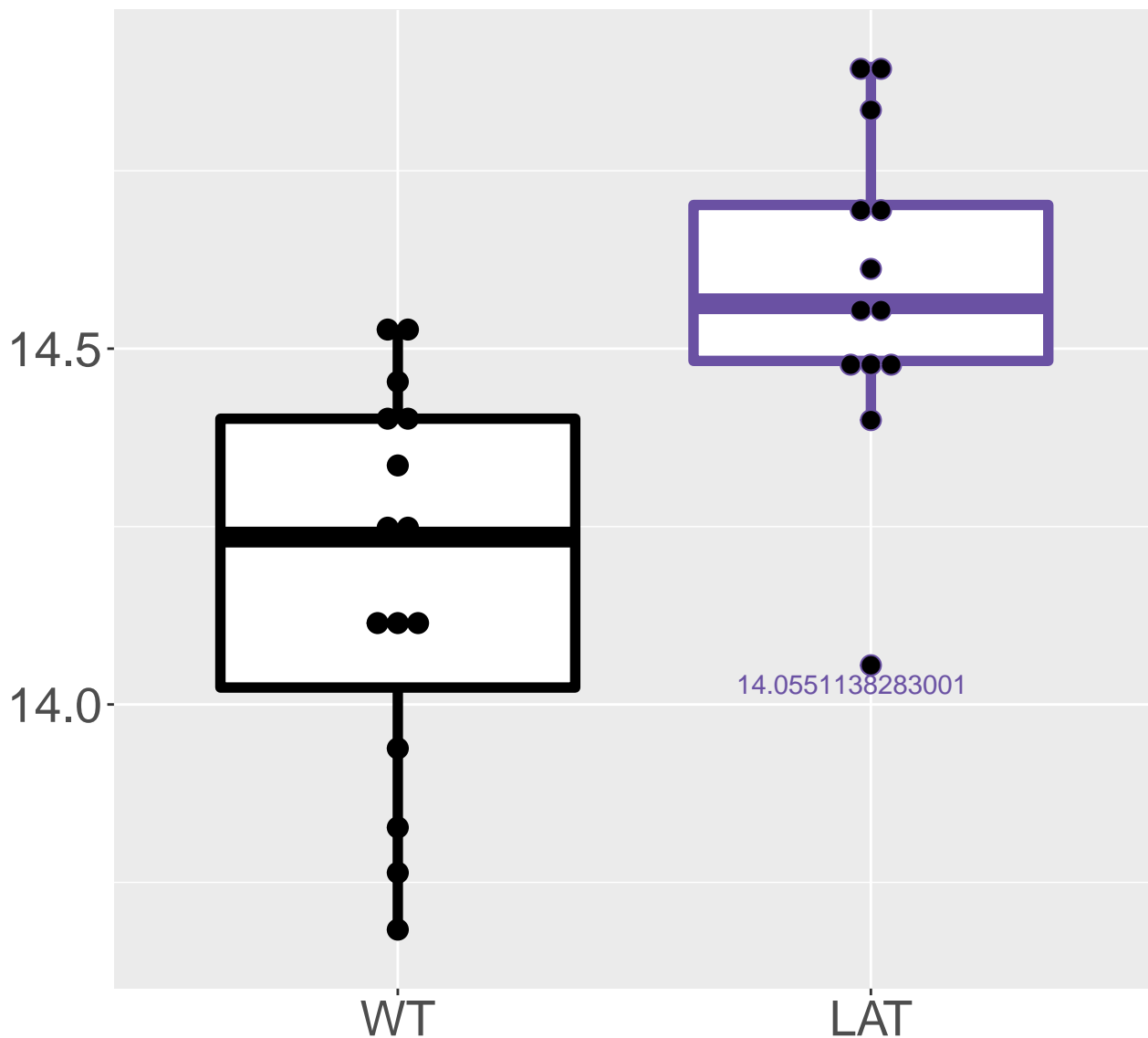


**M300.0094T375.96**  
**FDR = 0.0051, FC = 0.51**



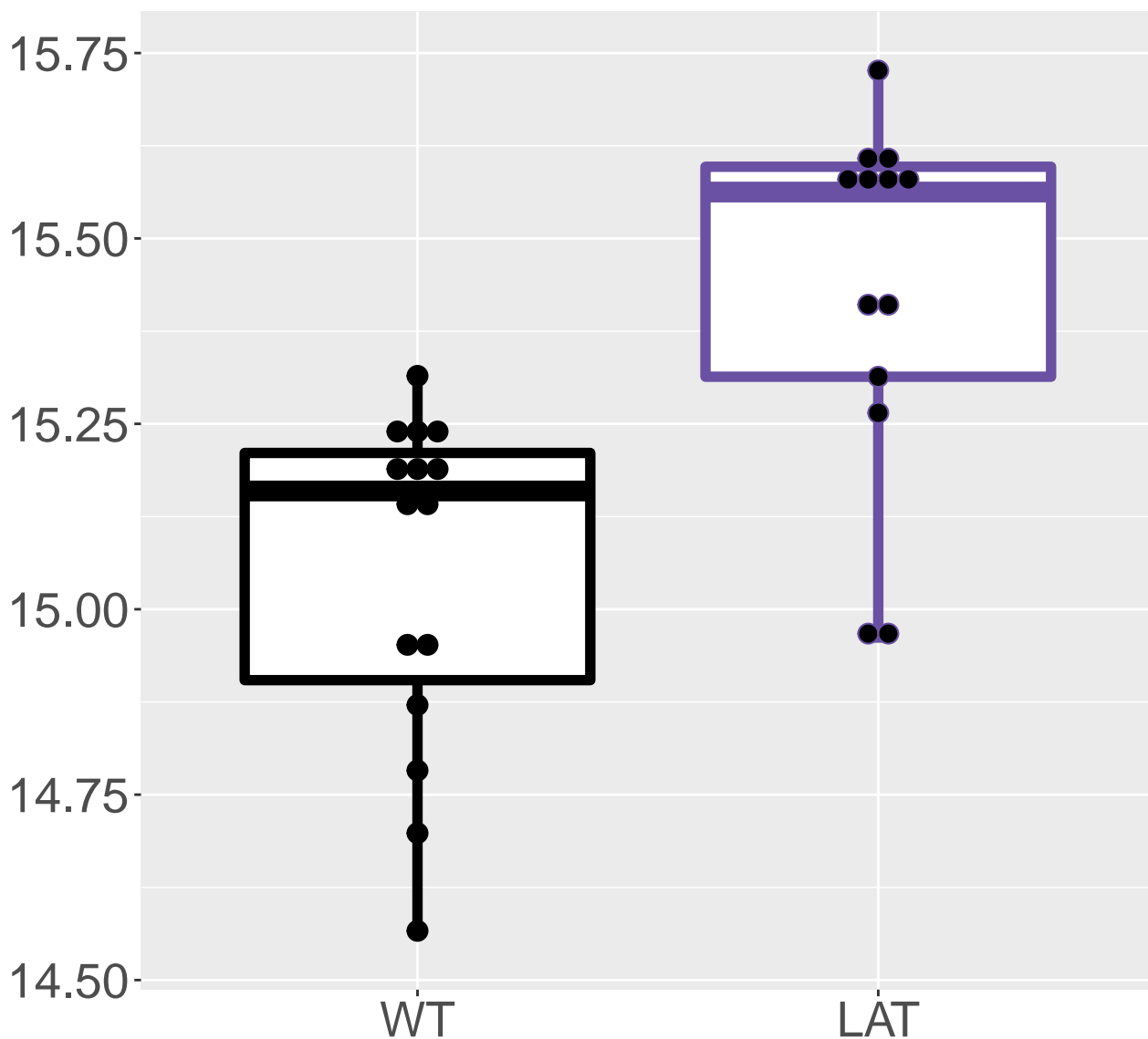
**M551.855T993.47**

**FDR = 0.0051, FC = 0.41**



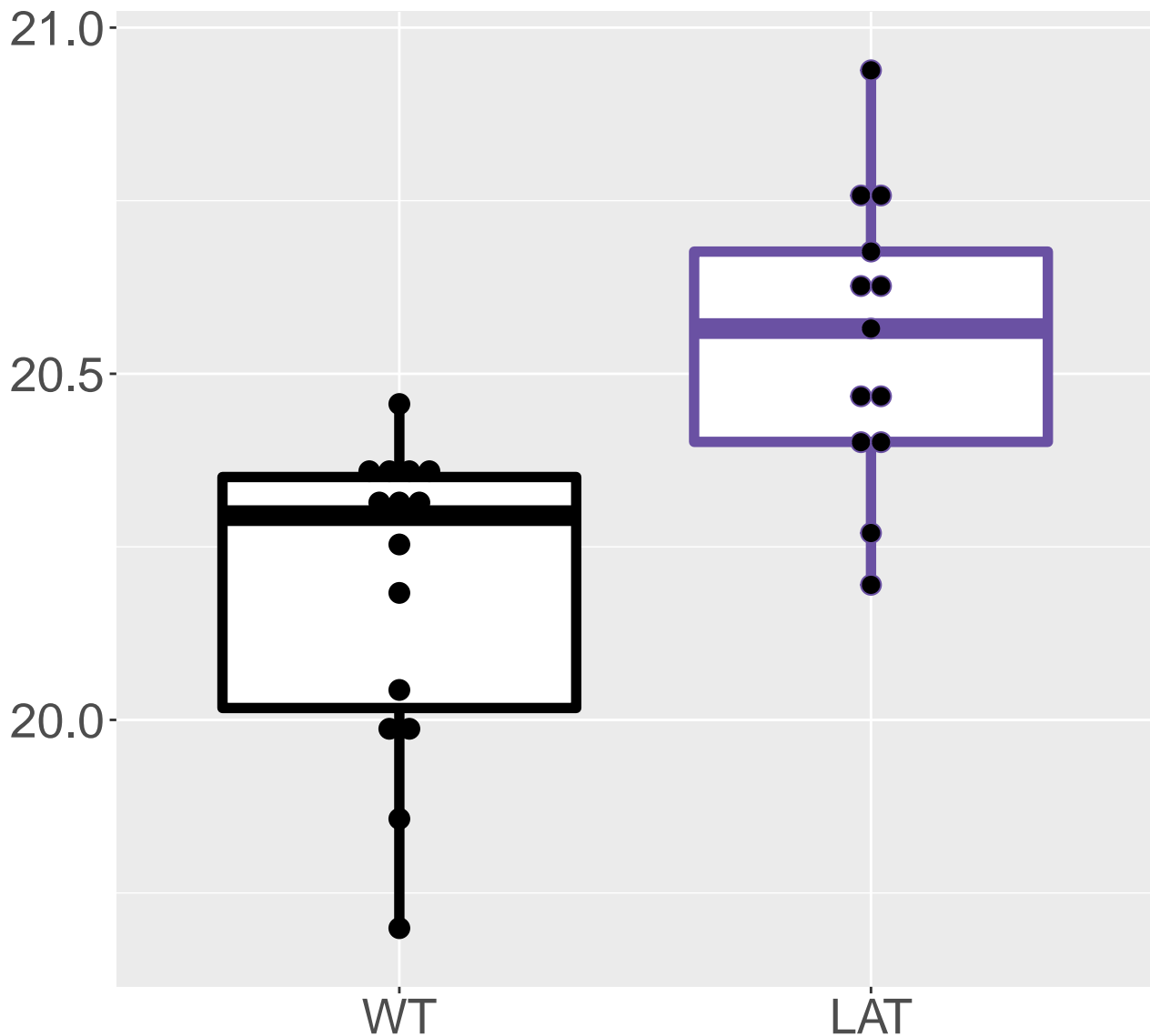
**M359.4066T993.58**

**FDR = 0.0051, FC = 0.39**



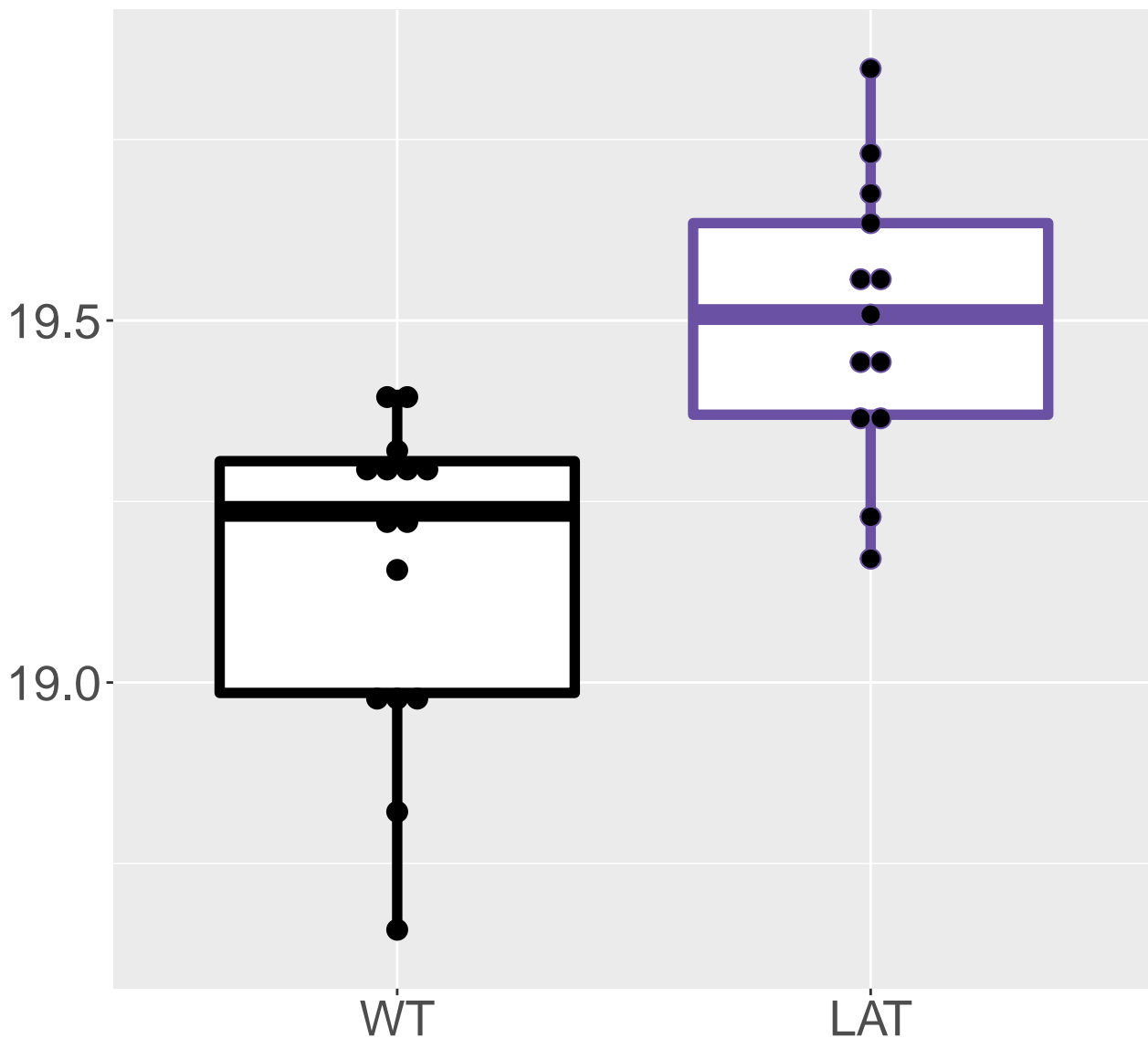


**M377.903T993.63\_1**  
**FDR = 0.0051, FC = 0.36**



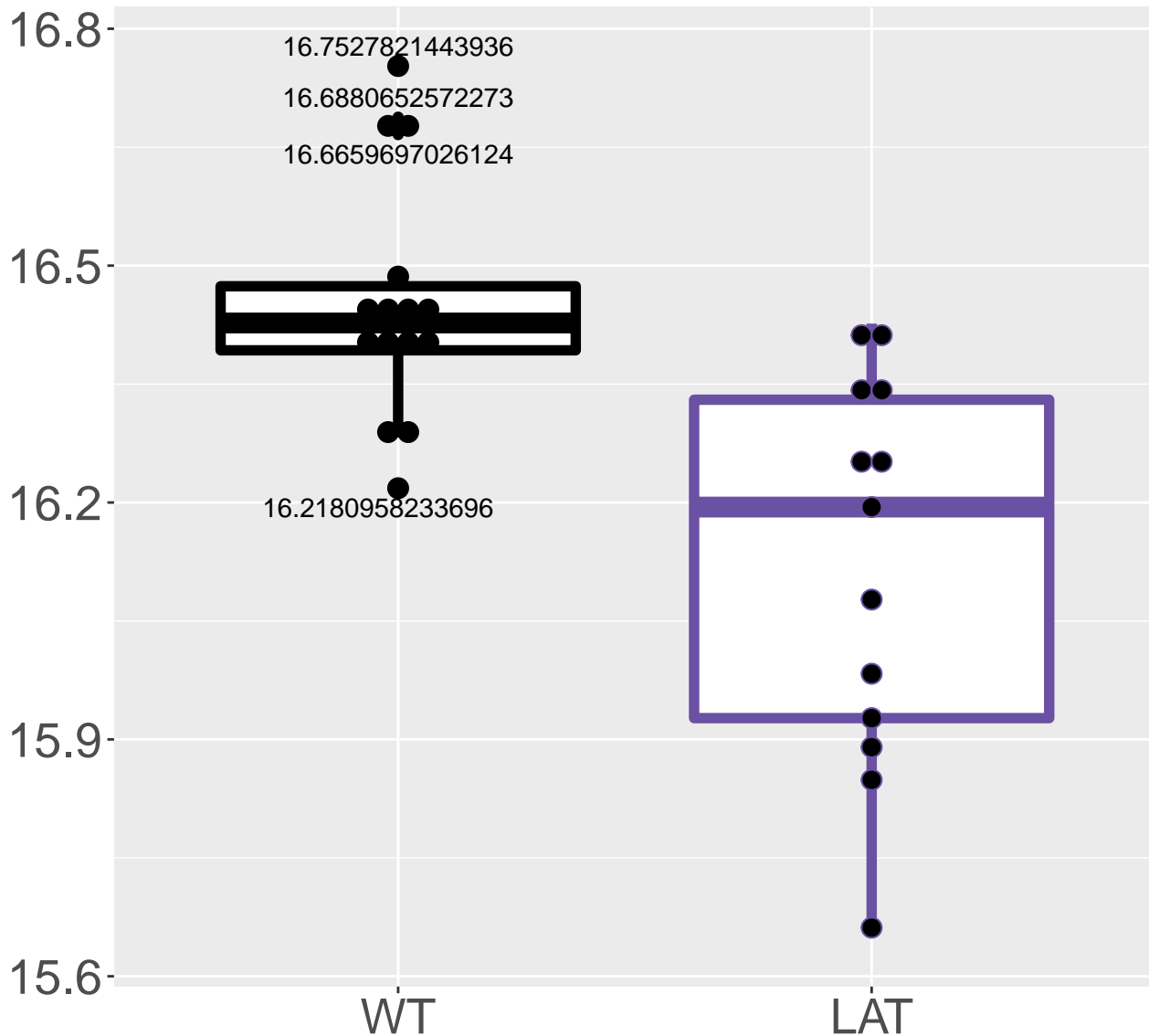
**M483.8675T993.71**

**FDR = 0.0051, FC = 0.35**

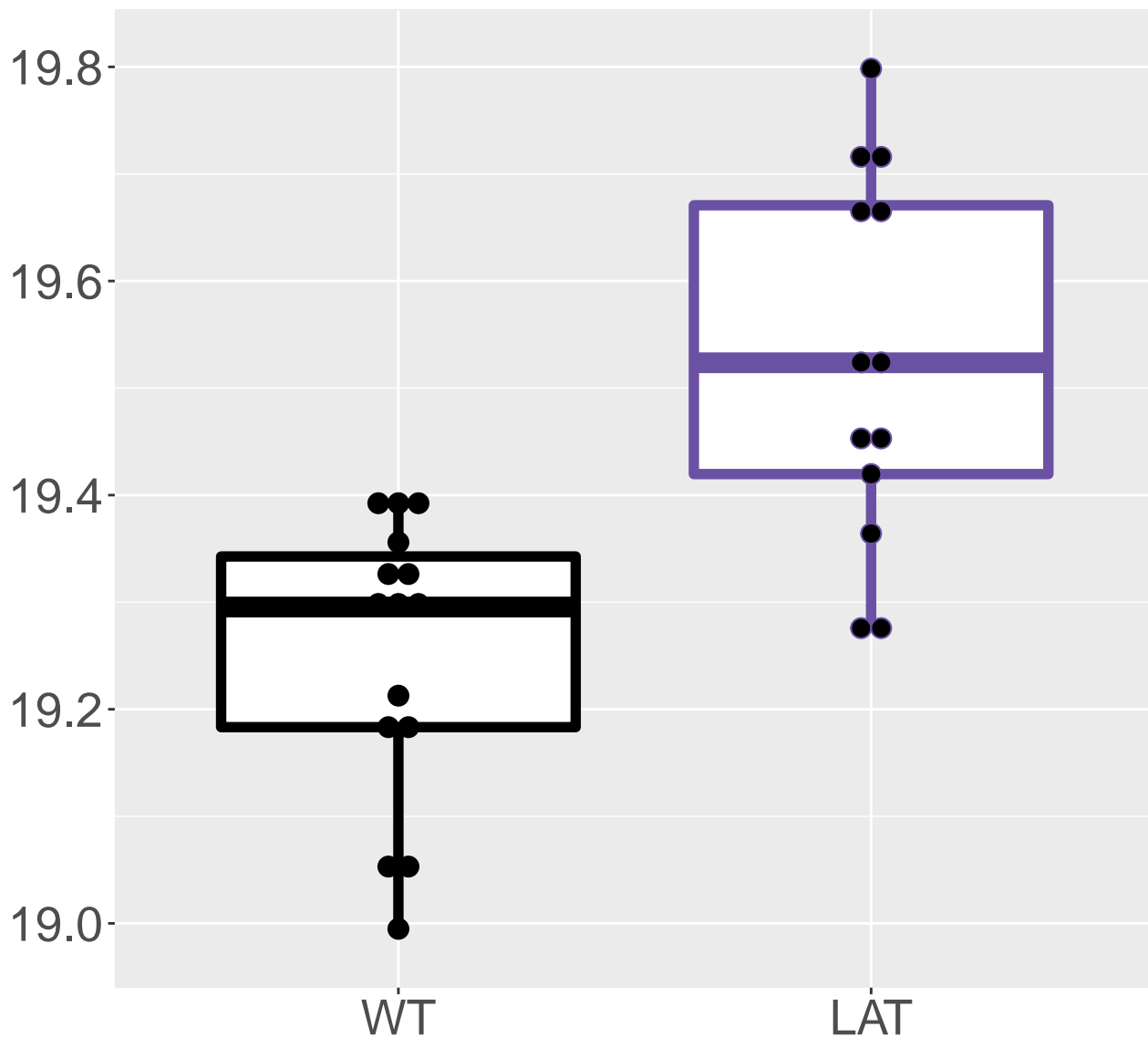


# Sphingosine 1-phosphate

**FDR = 0.0051, FC = -0.33**

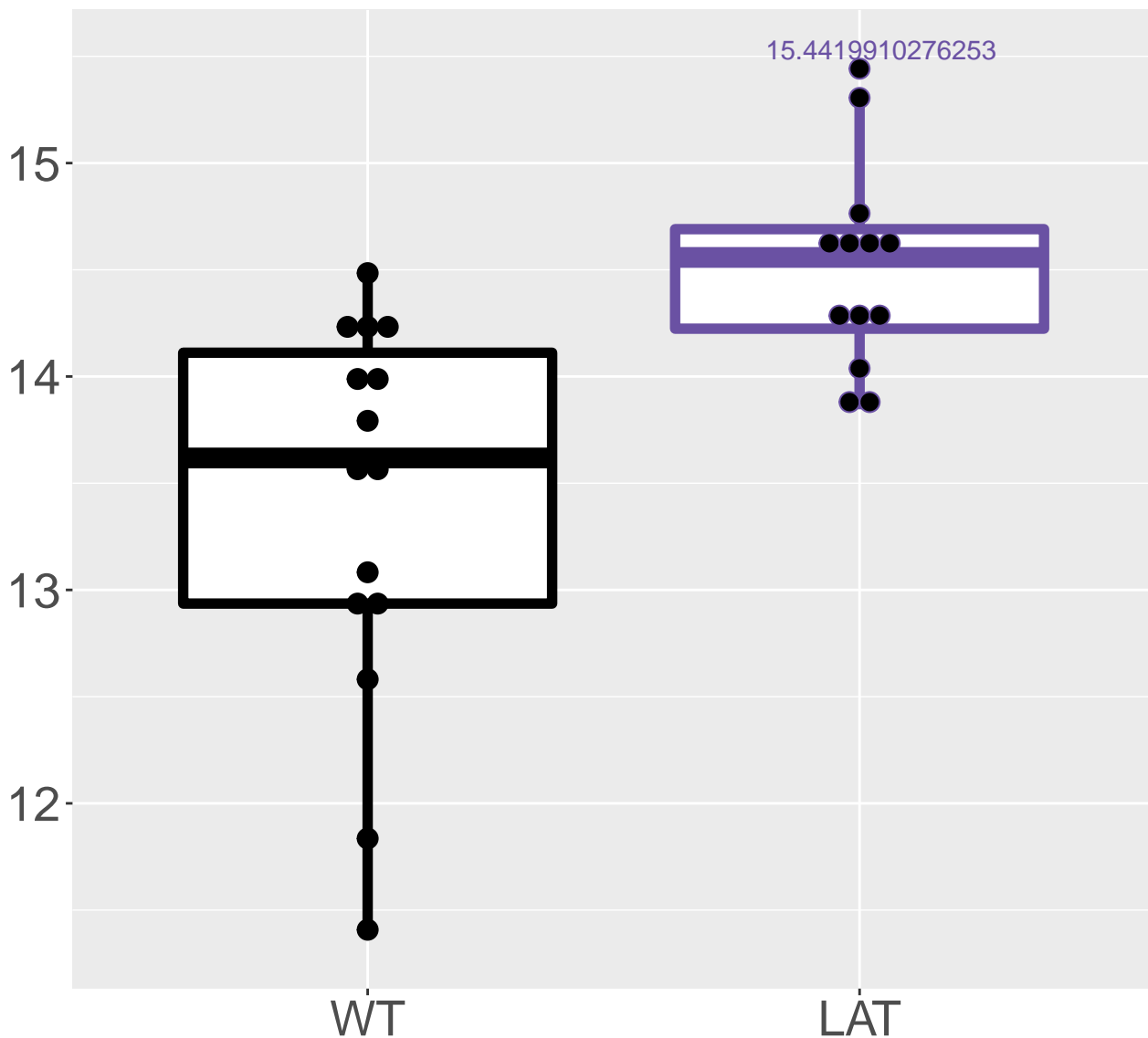


**M204.9136T1020.5**  
**FDR = 0.0051, FC = 0.28**



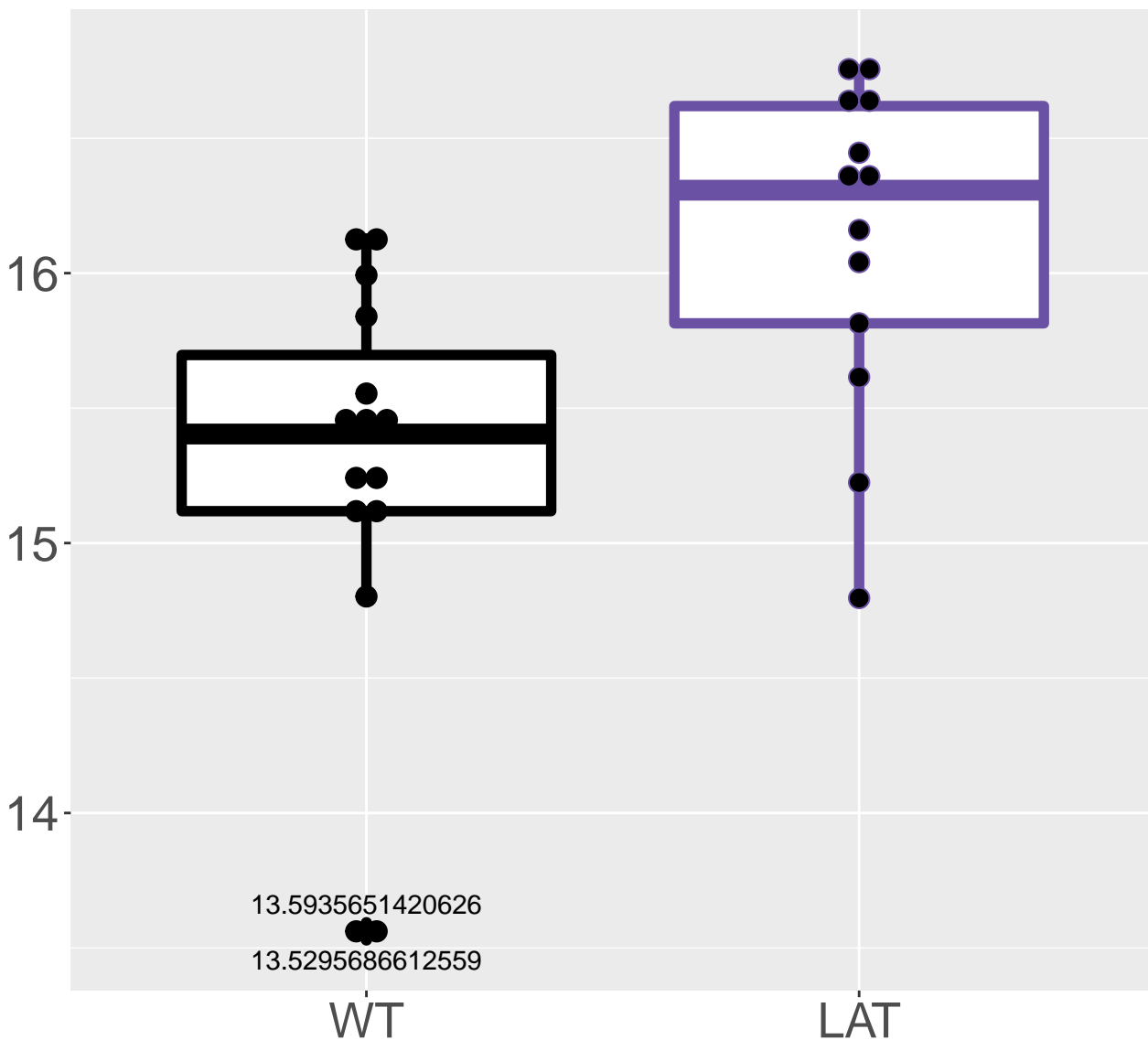
**M255.0894T160.01**

**FDR = 0.0052, FC = 1.1**

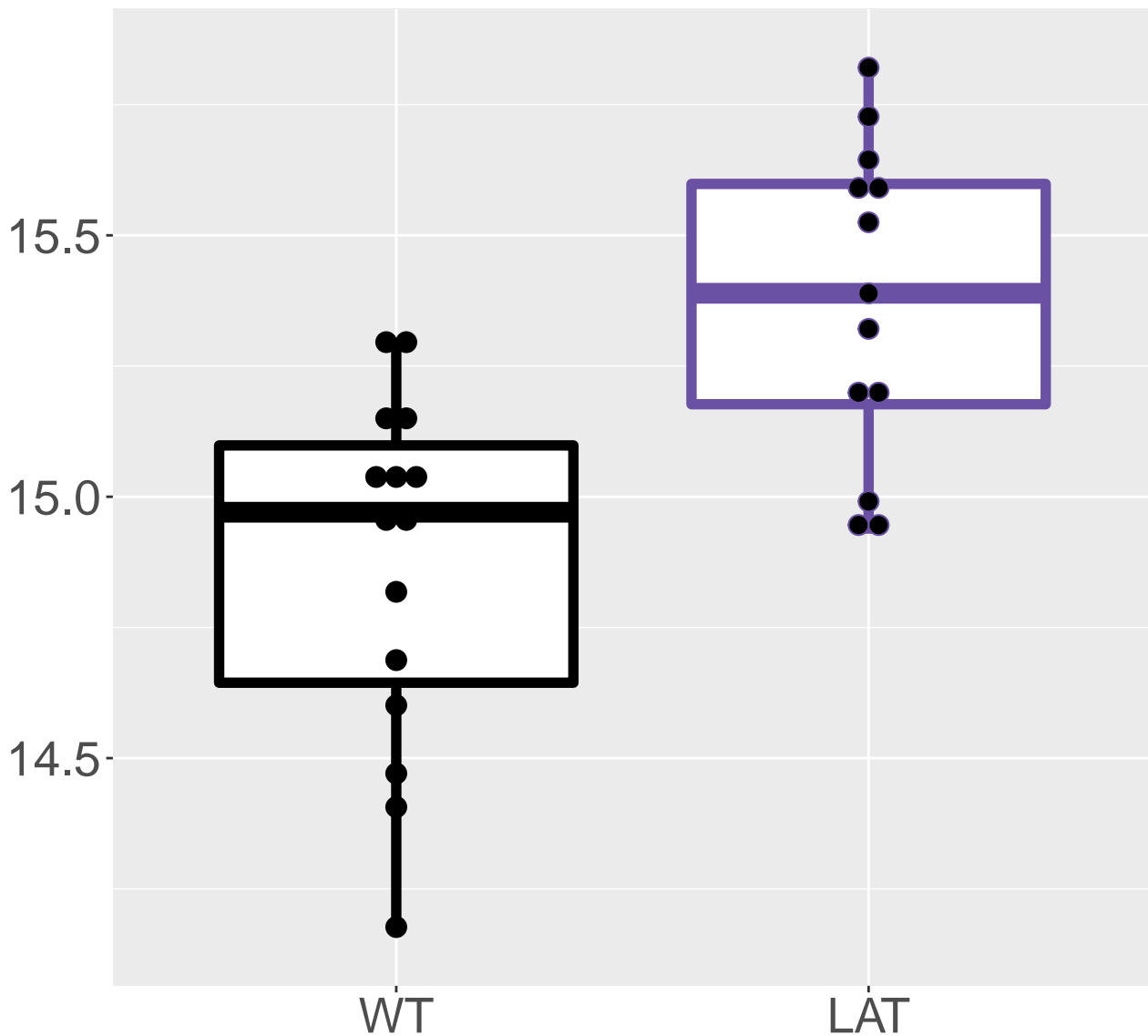


**M132.0127T181.85**

**FDR = 0.0052, FC = 0.88, sex\***

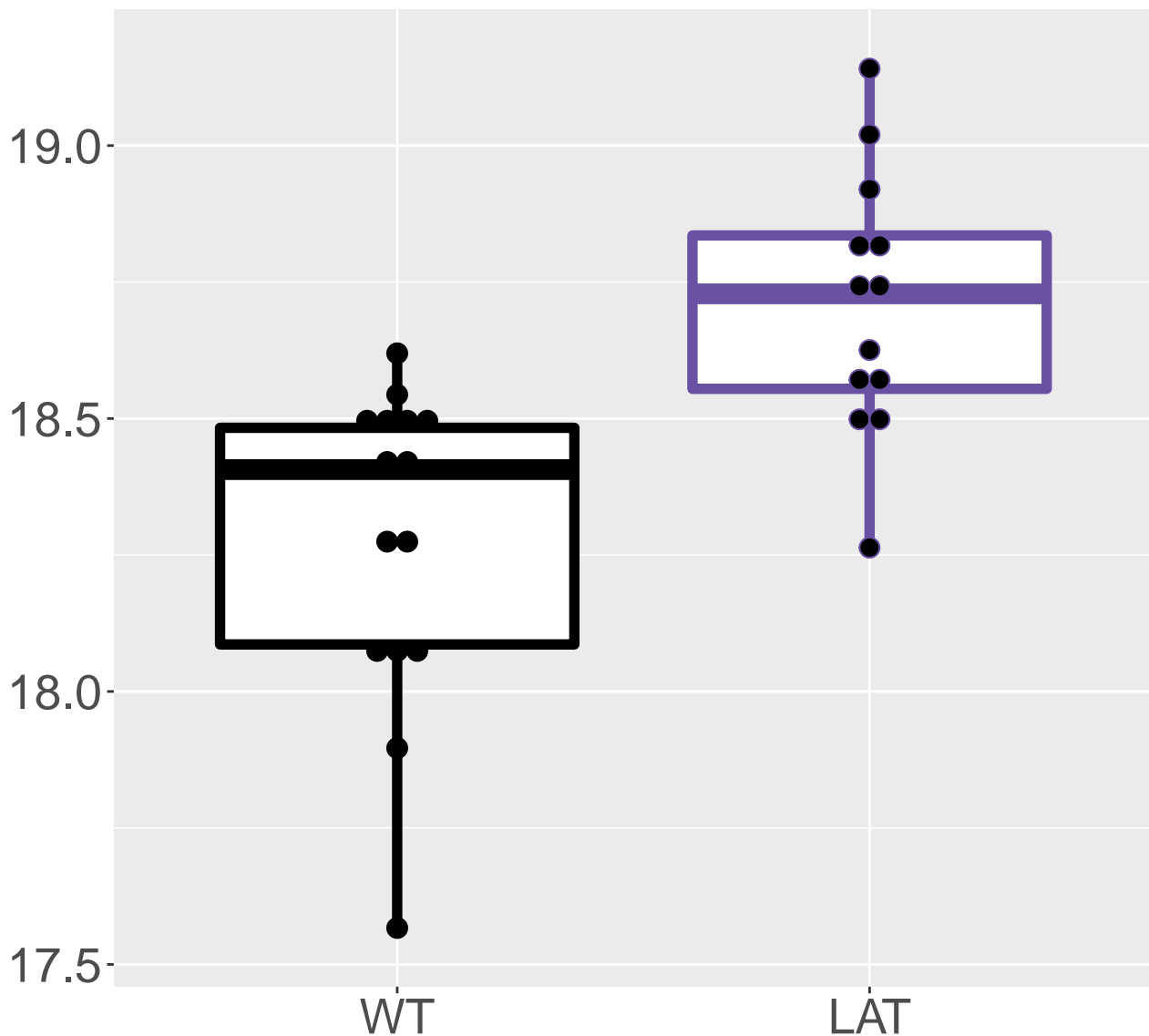


**M370.3974T993.43**  
**FDR = 0.0052, FC = 0.5**



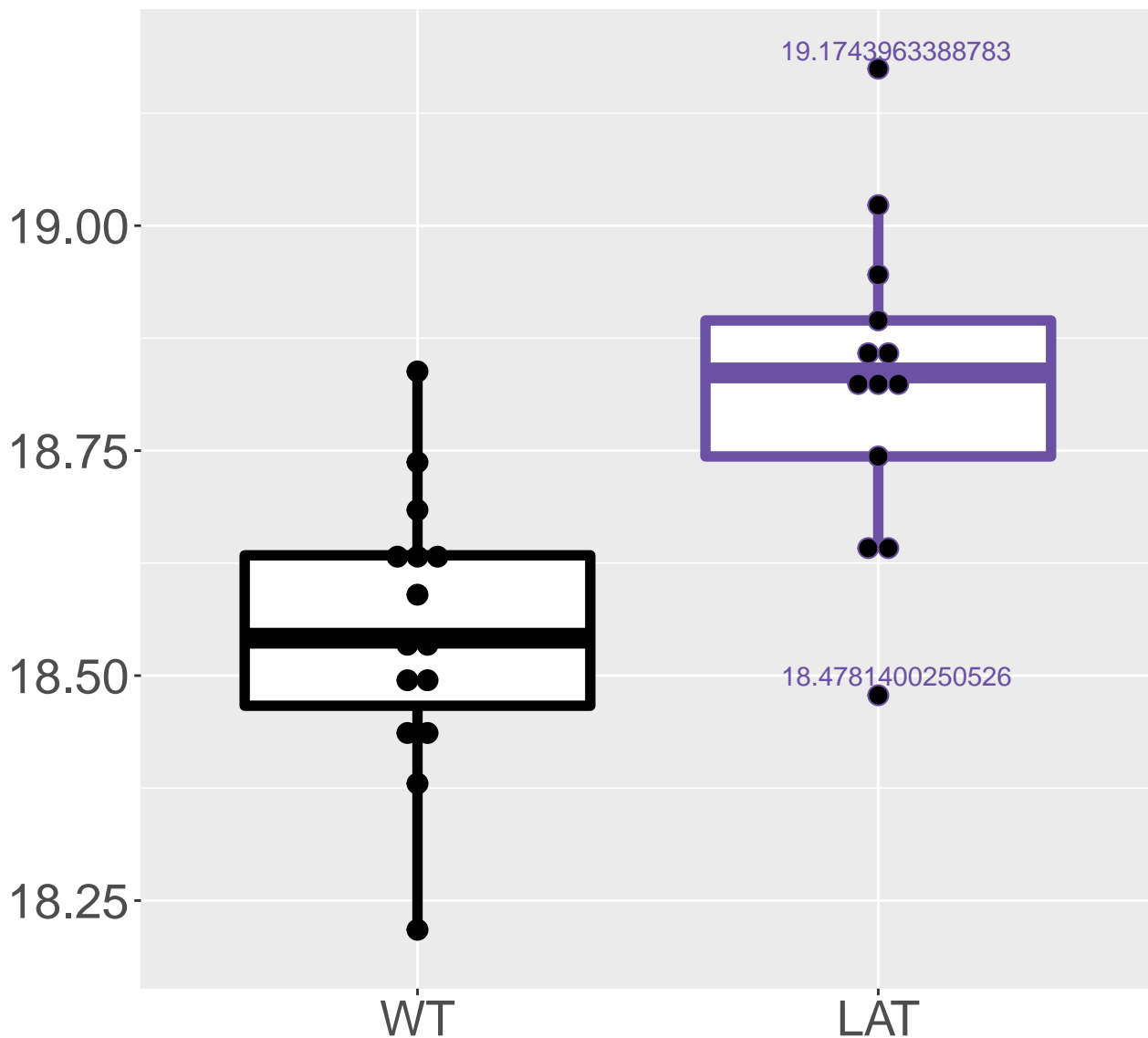
**M336.4038T993.63**

**FDR = 0.0052, FC = 0.43**

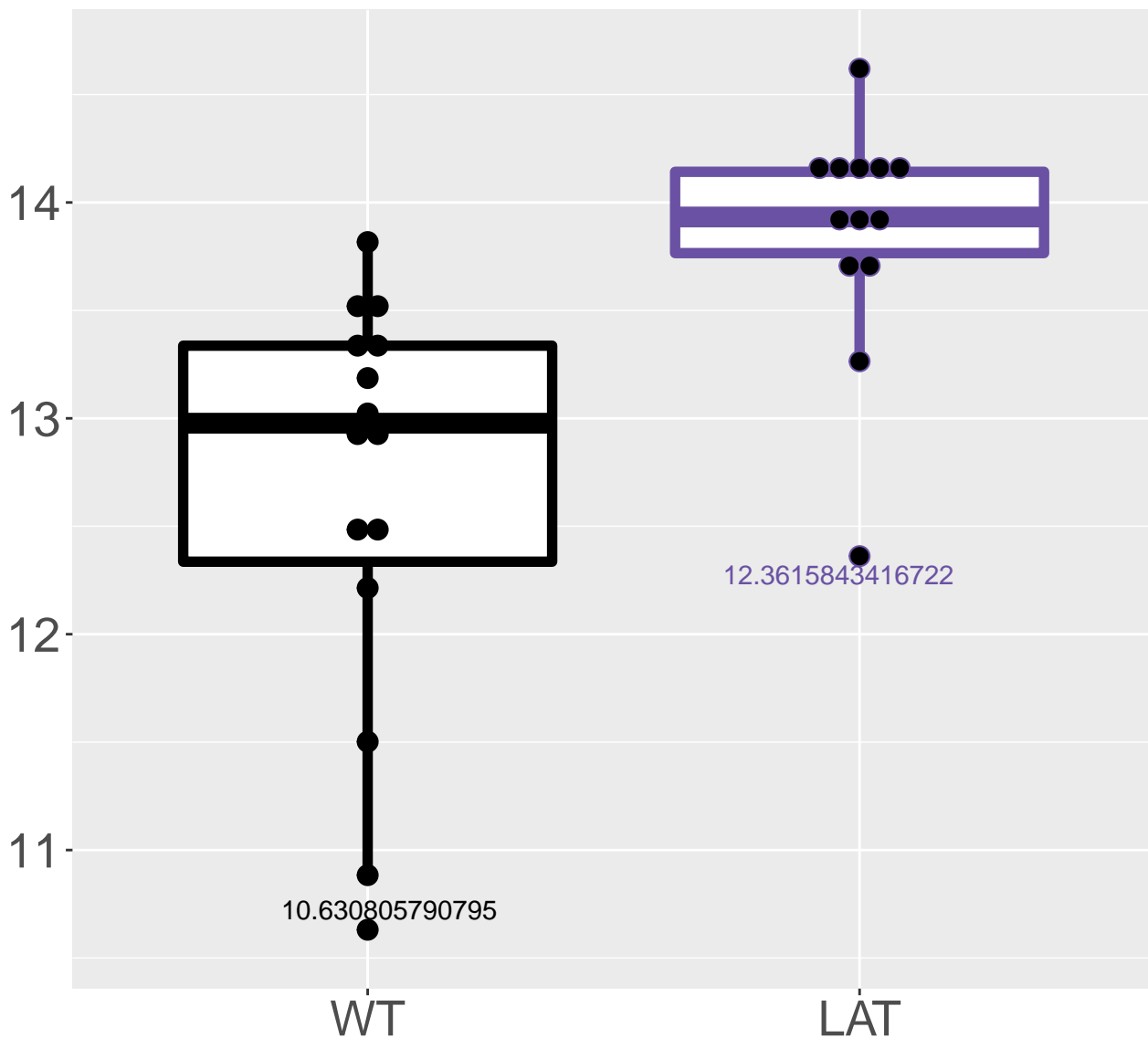




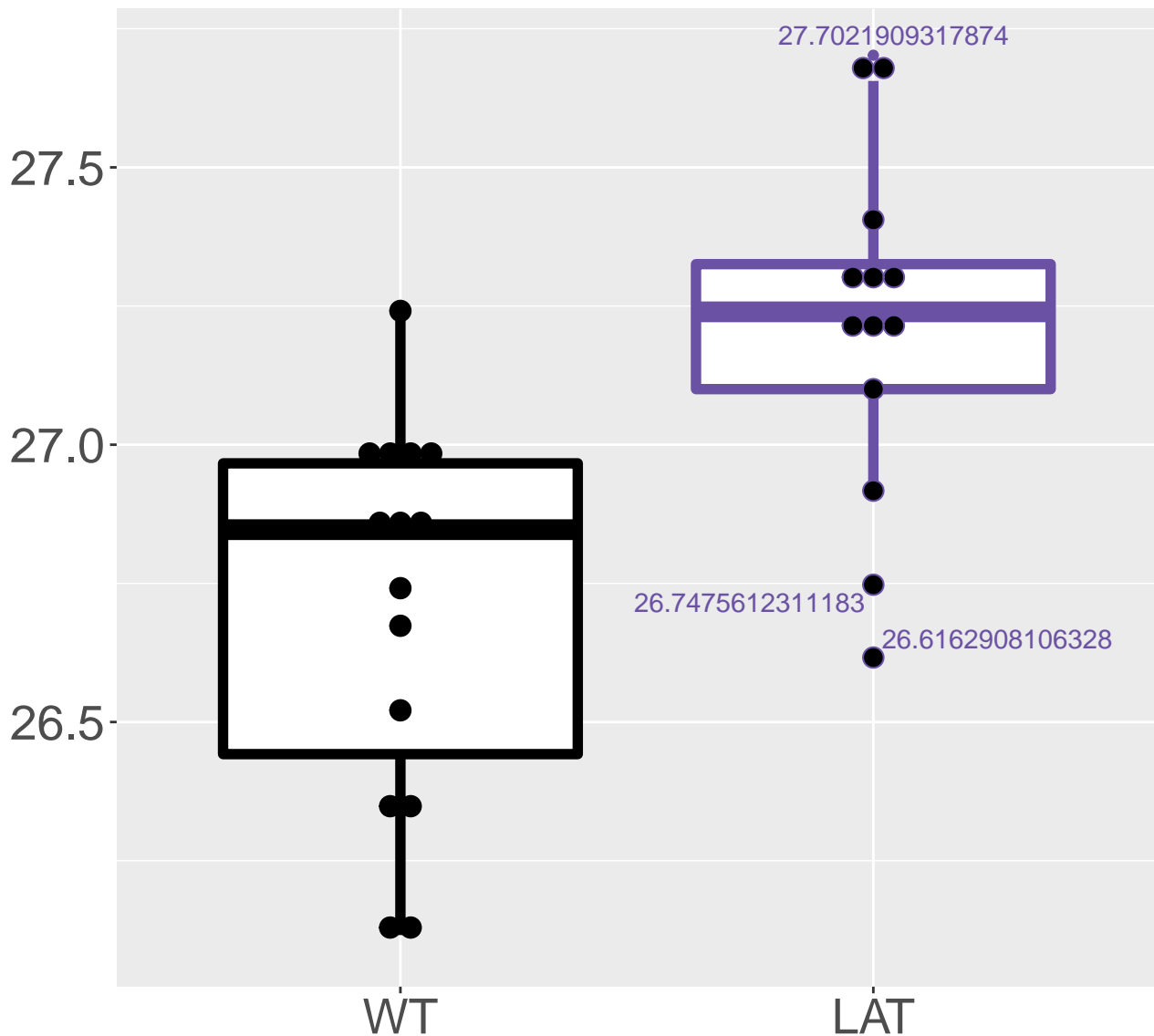
**M320.8442T1027.85**  
**FDR = 0.0052, FC = 0.27**



**M536.8494T992.7**  
**FDR = 0.0053, FC = 1.2**

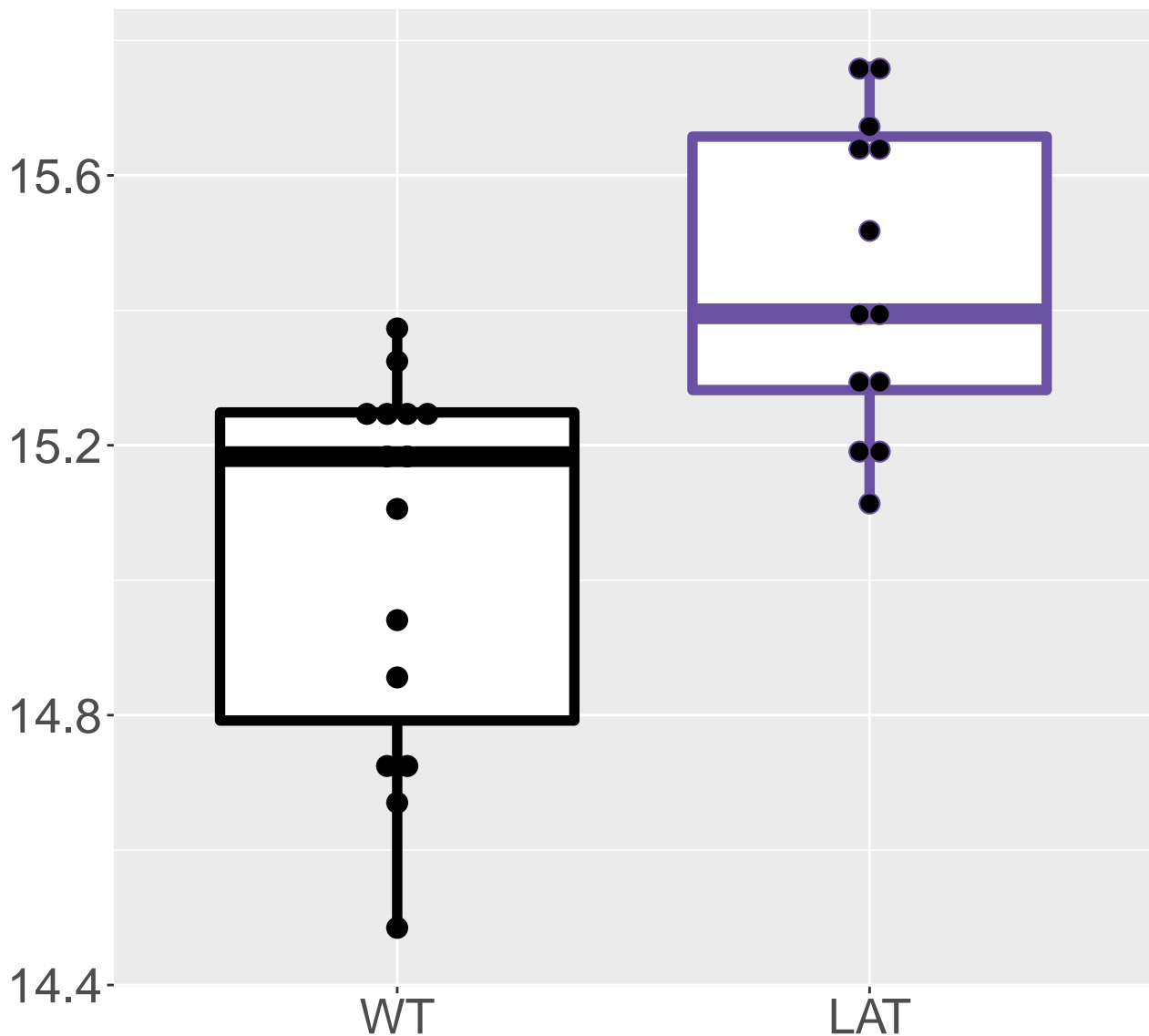


**Diglycolic acid|L-malic acid;(S)-malic acid;(2**  
**FDR = 0.0053, FC = 0.5**



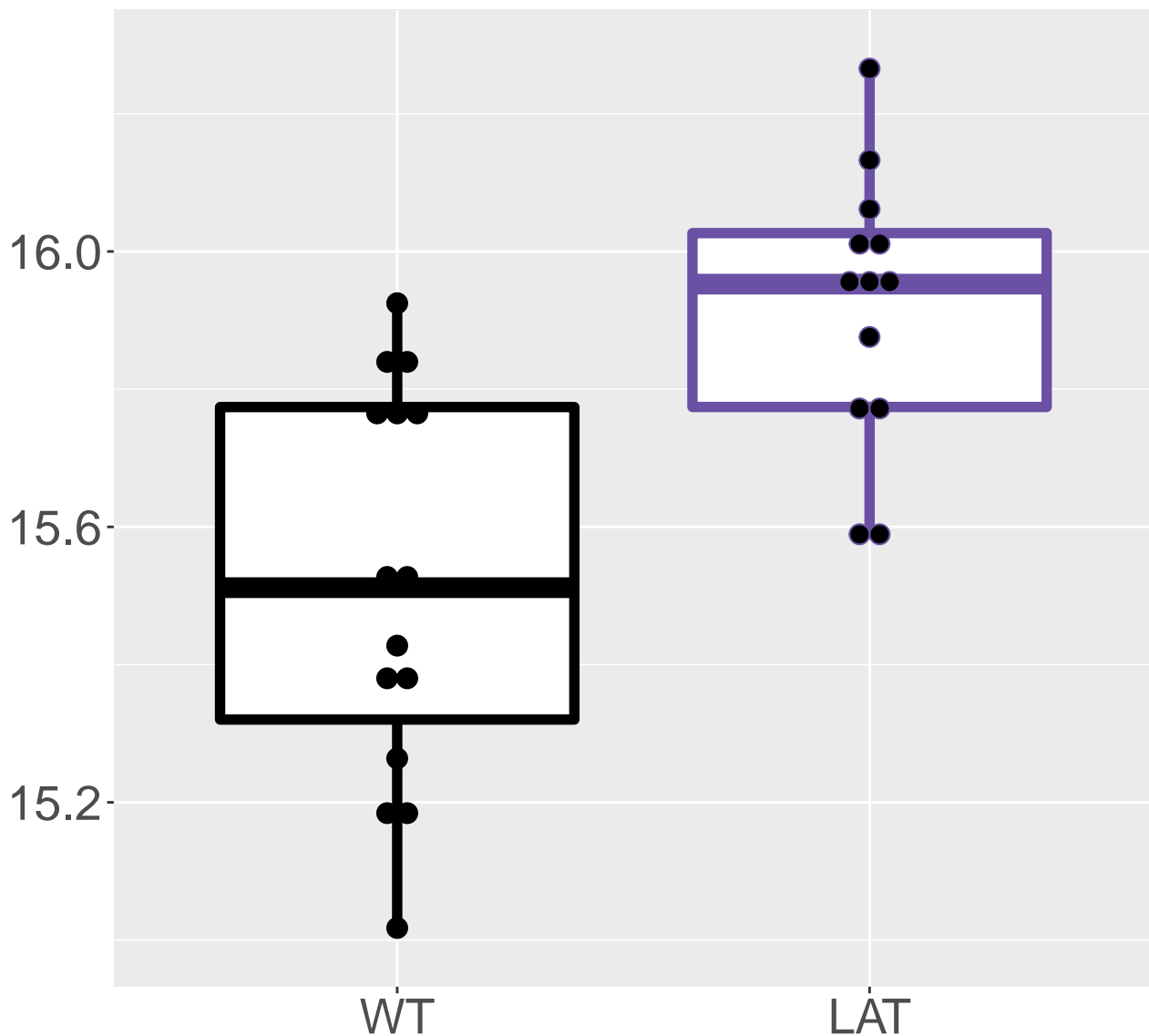
**M414.9696T993.96**

**FDR = 0.0053, FC = 0.41**



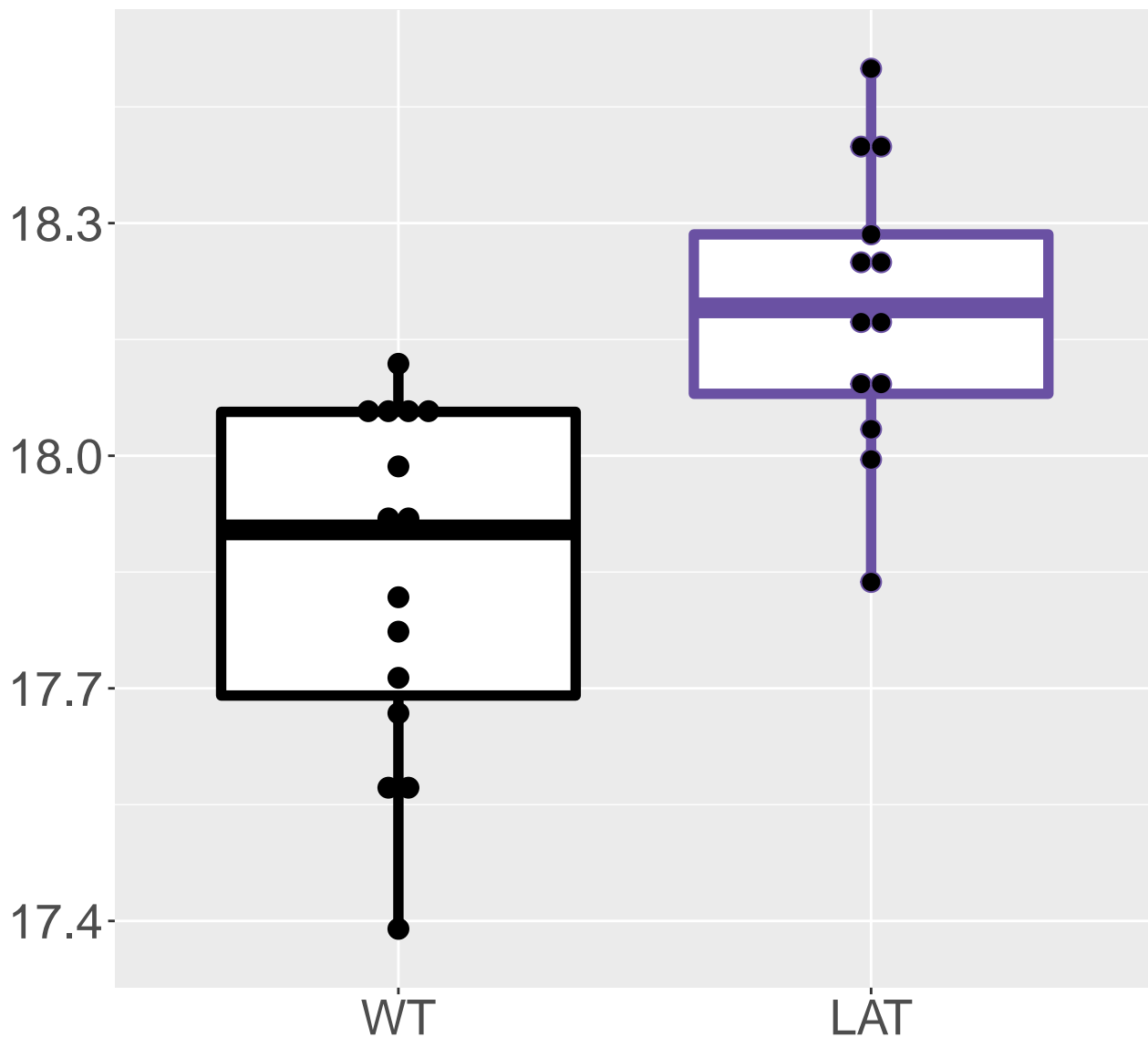
**M545.8677T993.8**

**FDR = 0.0053, FC = 0.4**

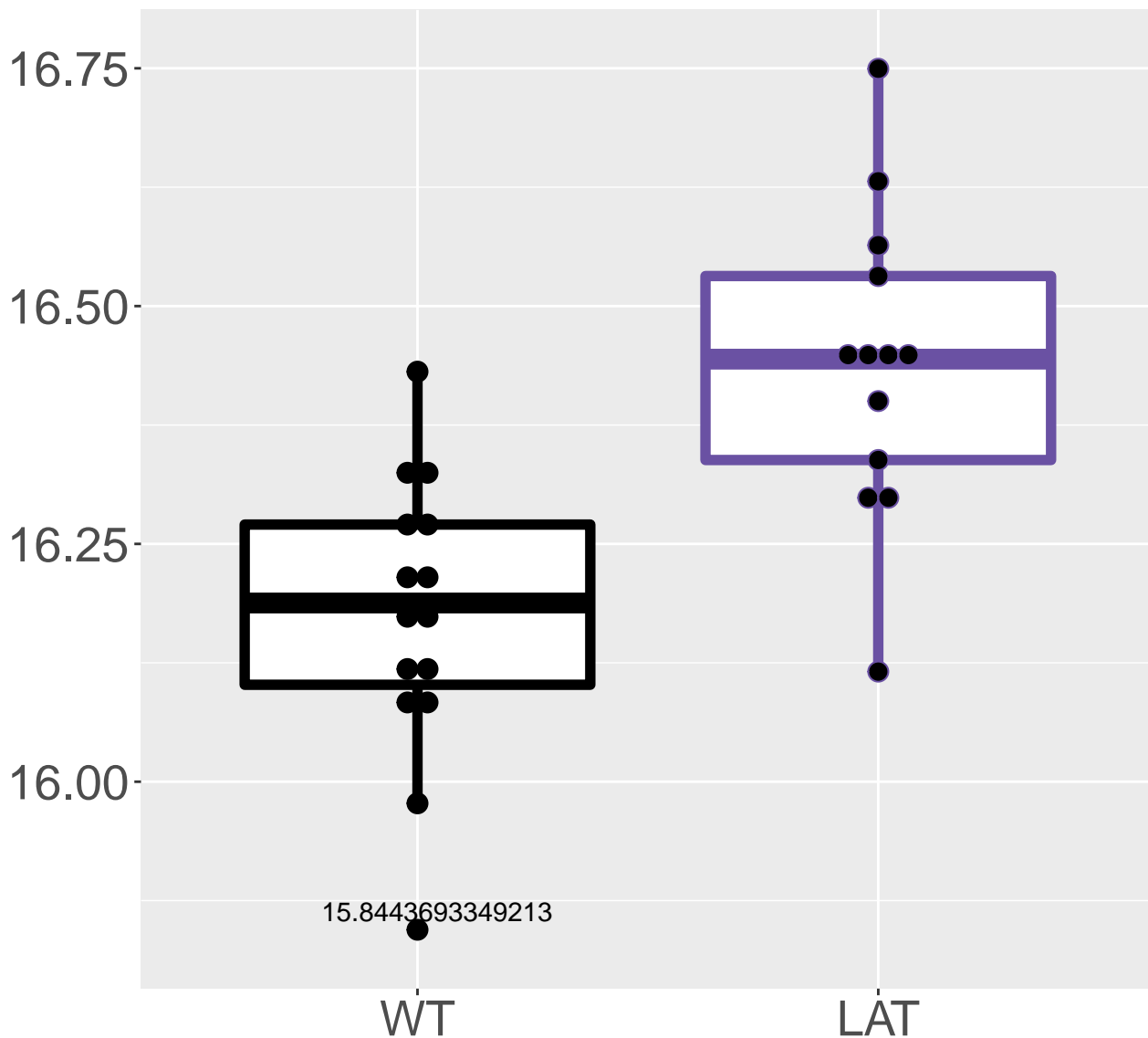


**M461.8857T993.69\_1**

**FDR = 0.0053, FC = 0.34**

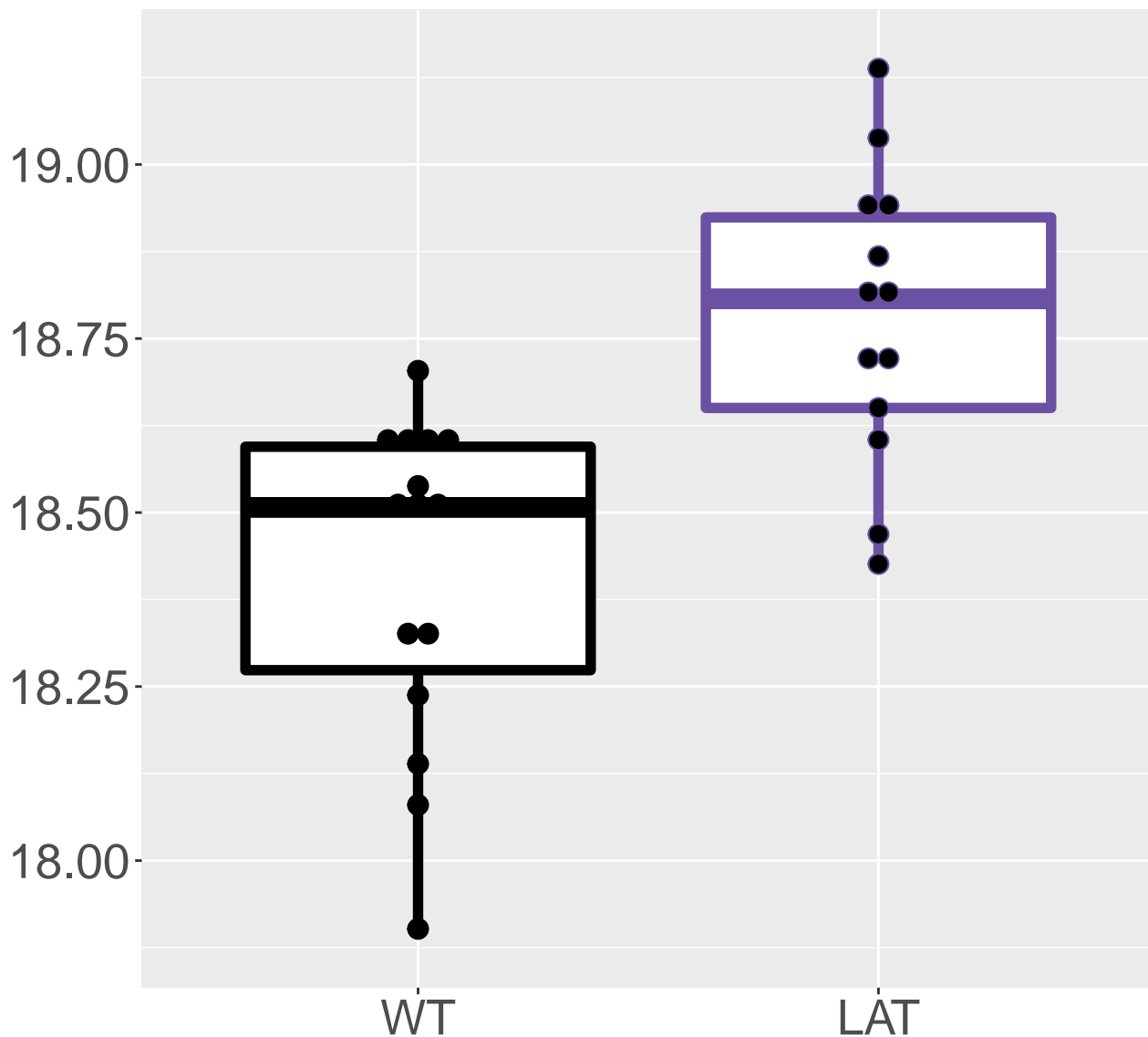


**M322.8423T1027.94**  
**FDR = 0.0053, FC = 0.26**



**M394.9294T993.71**

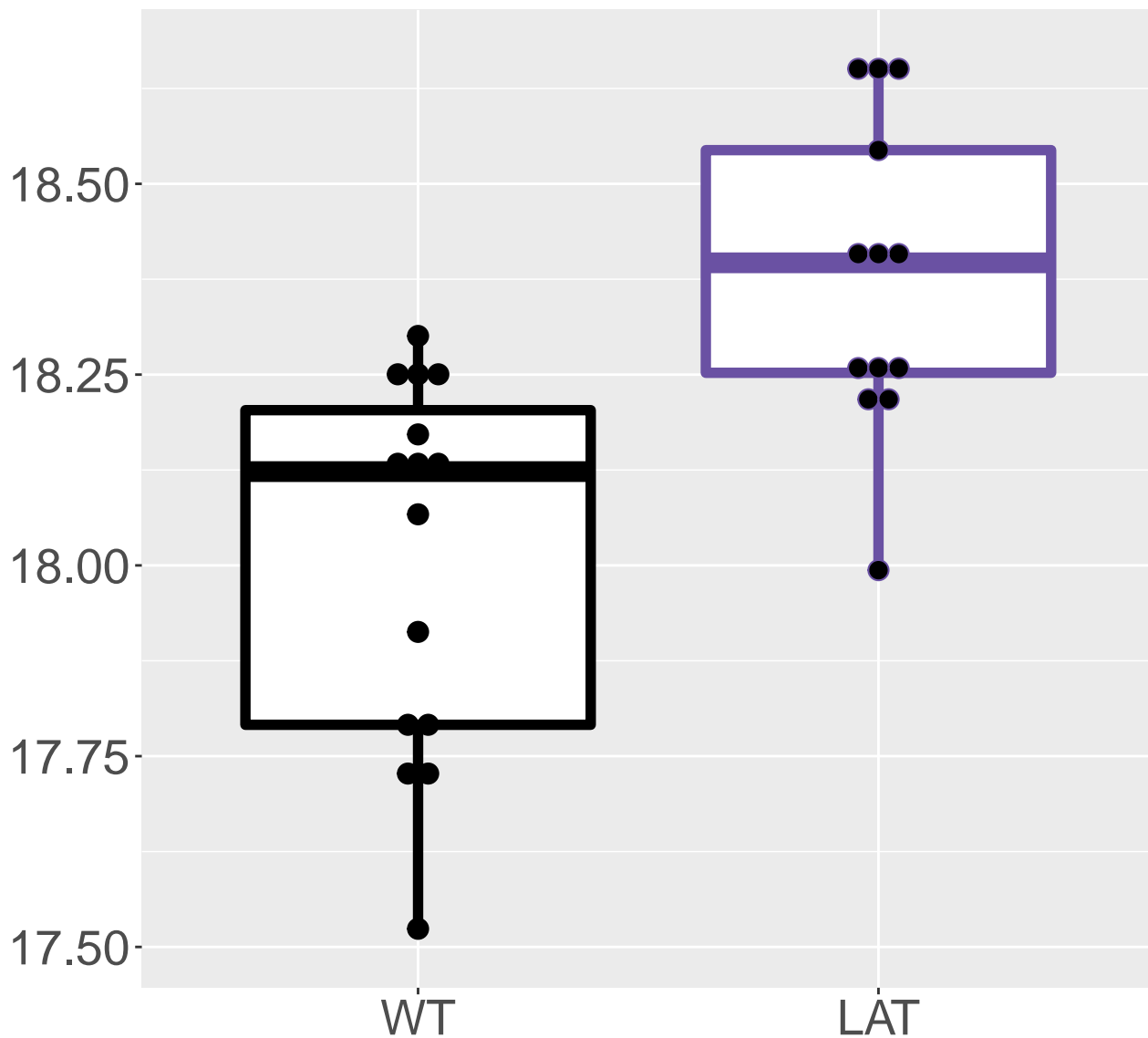
**FDR = 0.0053, FC = 0.37**



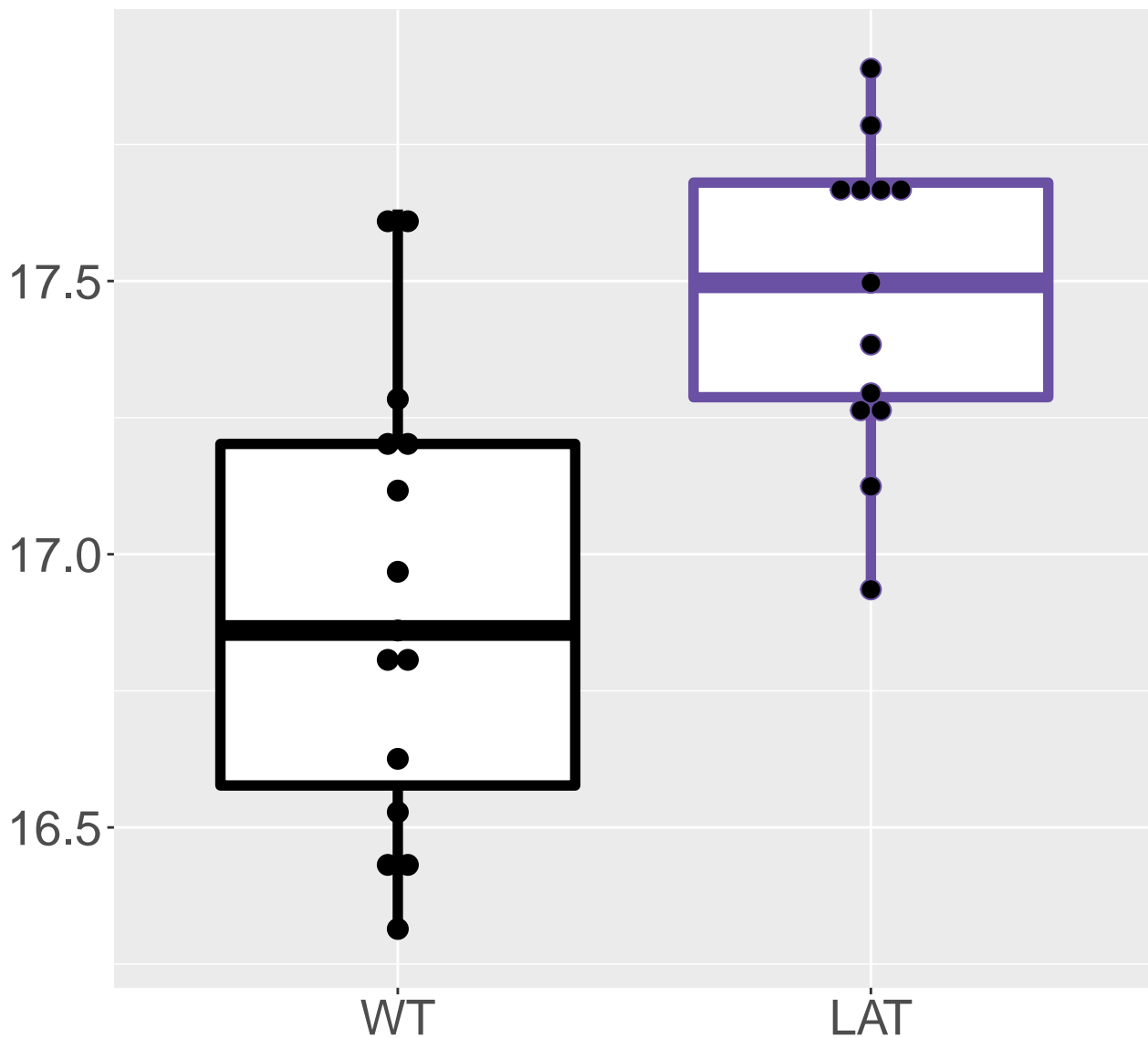


**M438.9195T993.72**

**FDR = 0.0053, FC = 0.37**

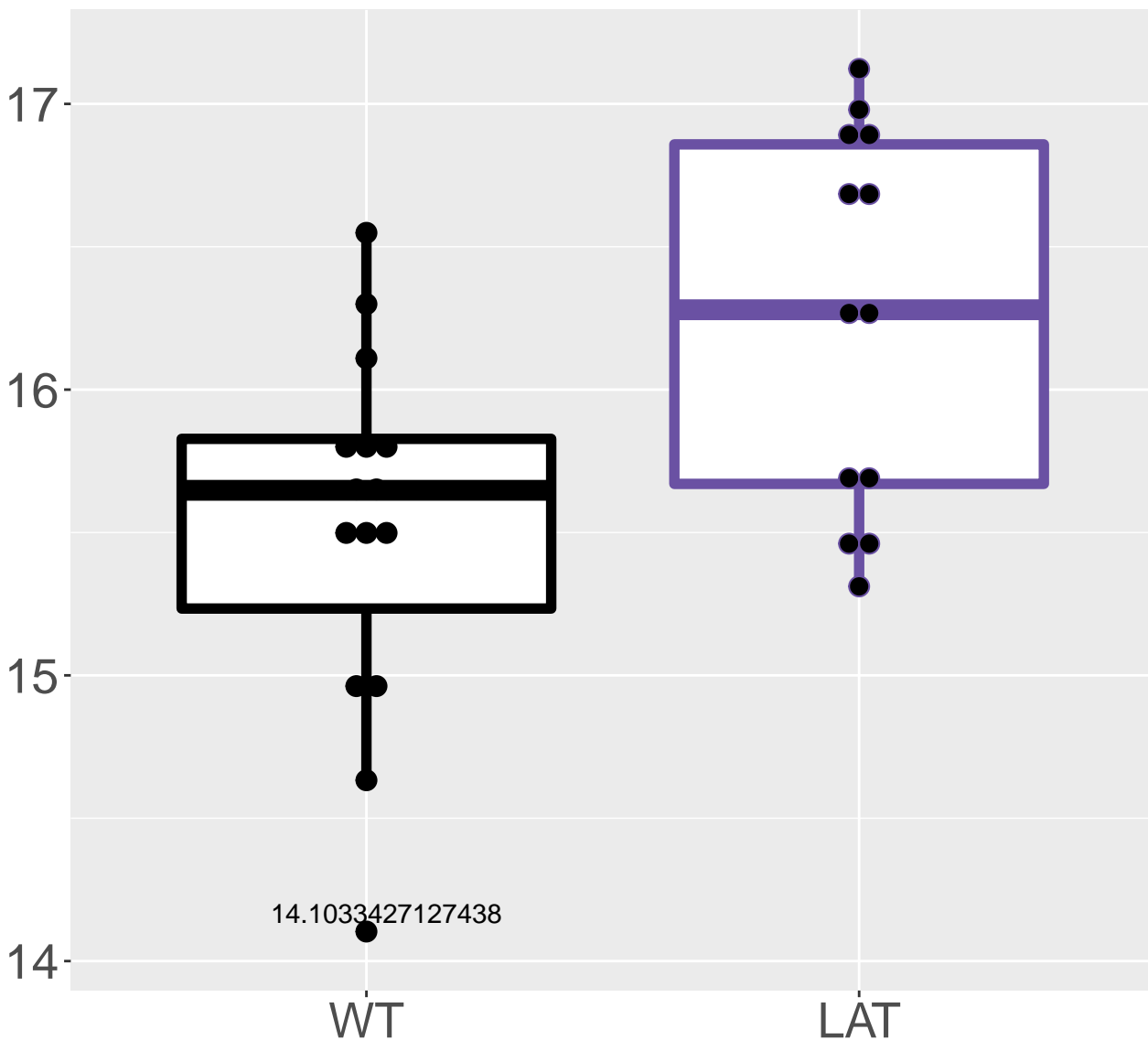


**M85.5882T253.14\_3**  
**FDR = 0.0054, FC = 0.55**



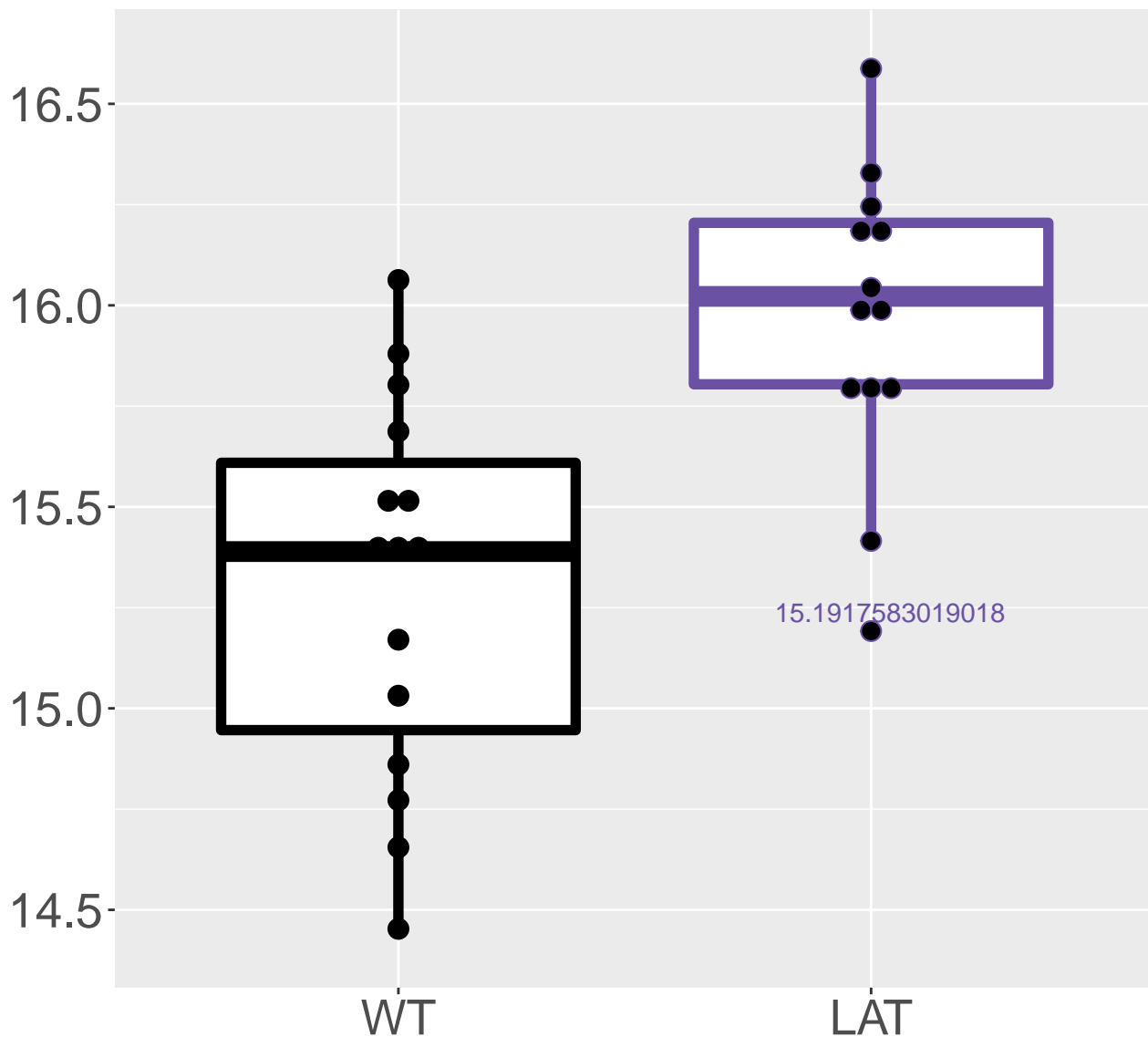
**M211.1343T90.57**

**FDR = 0.0054, FC = 0.74, sex\*\***



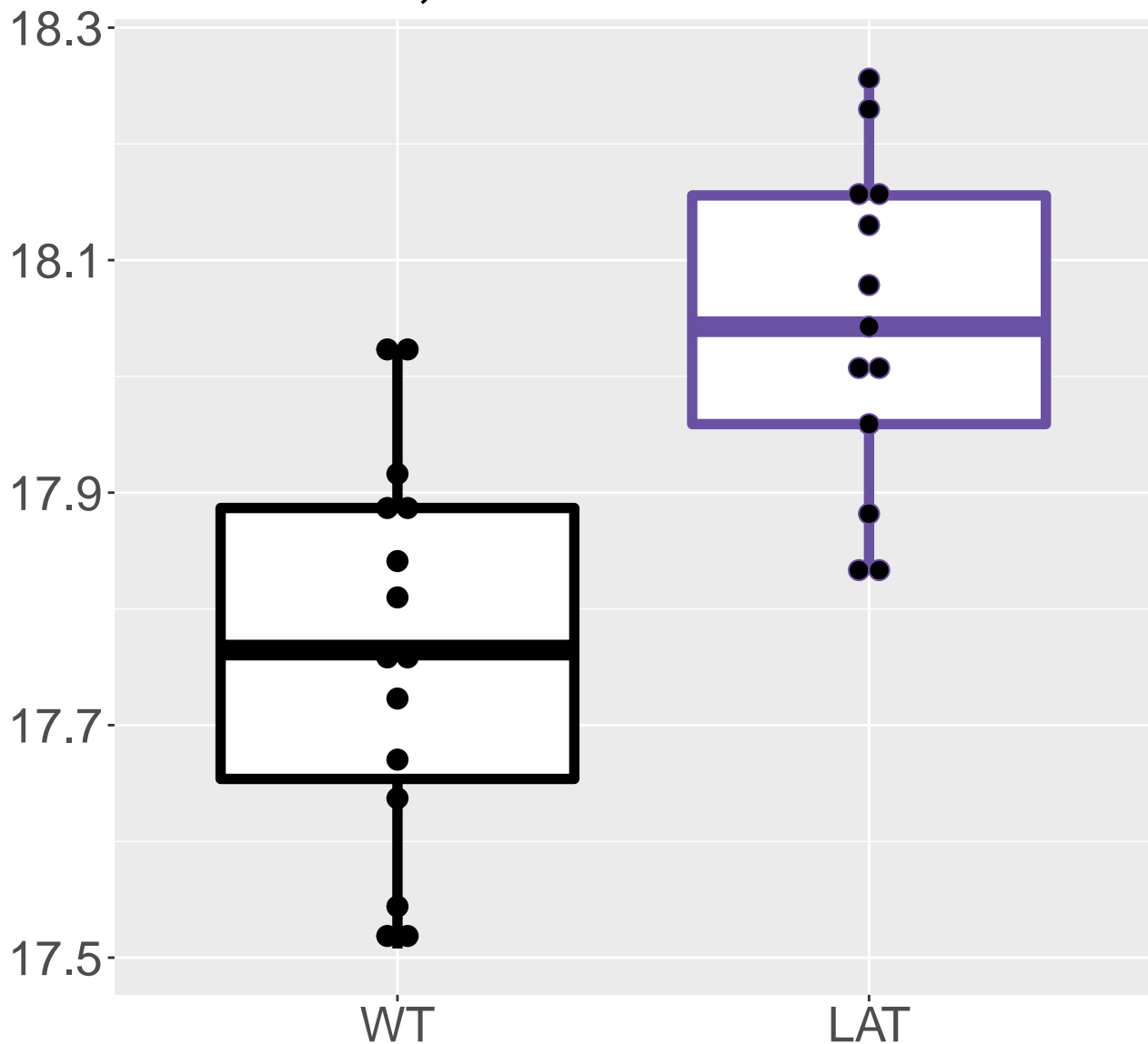
**M133.3878T555.93\_3**

**FDR = 0.0054, FC = 0.66**

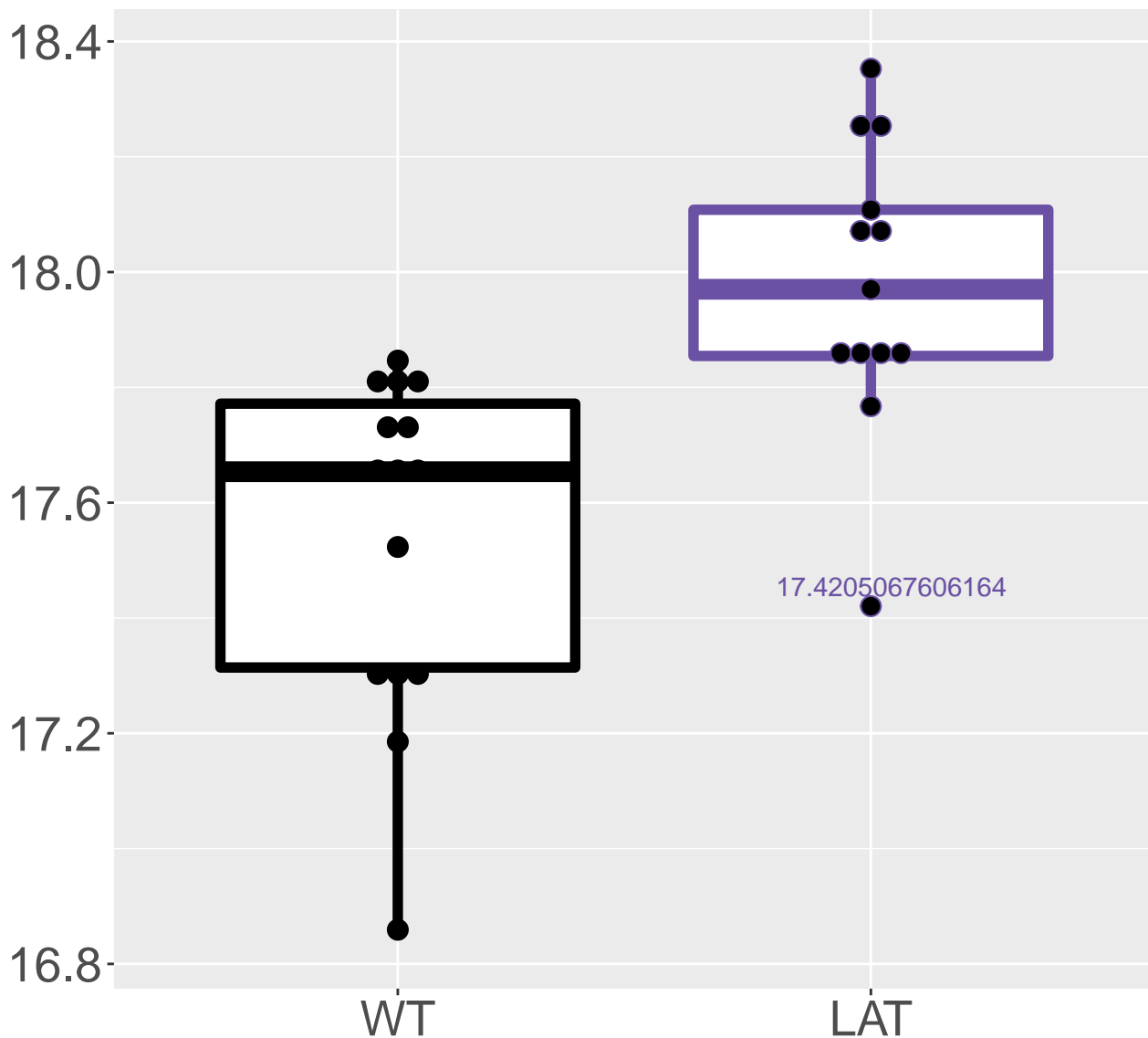


**M266.9142T1020.41**

**FDR = 0.0054, FC = 0.28**

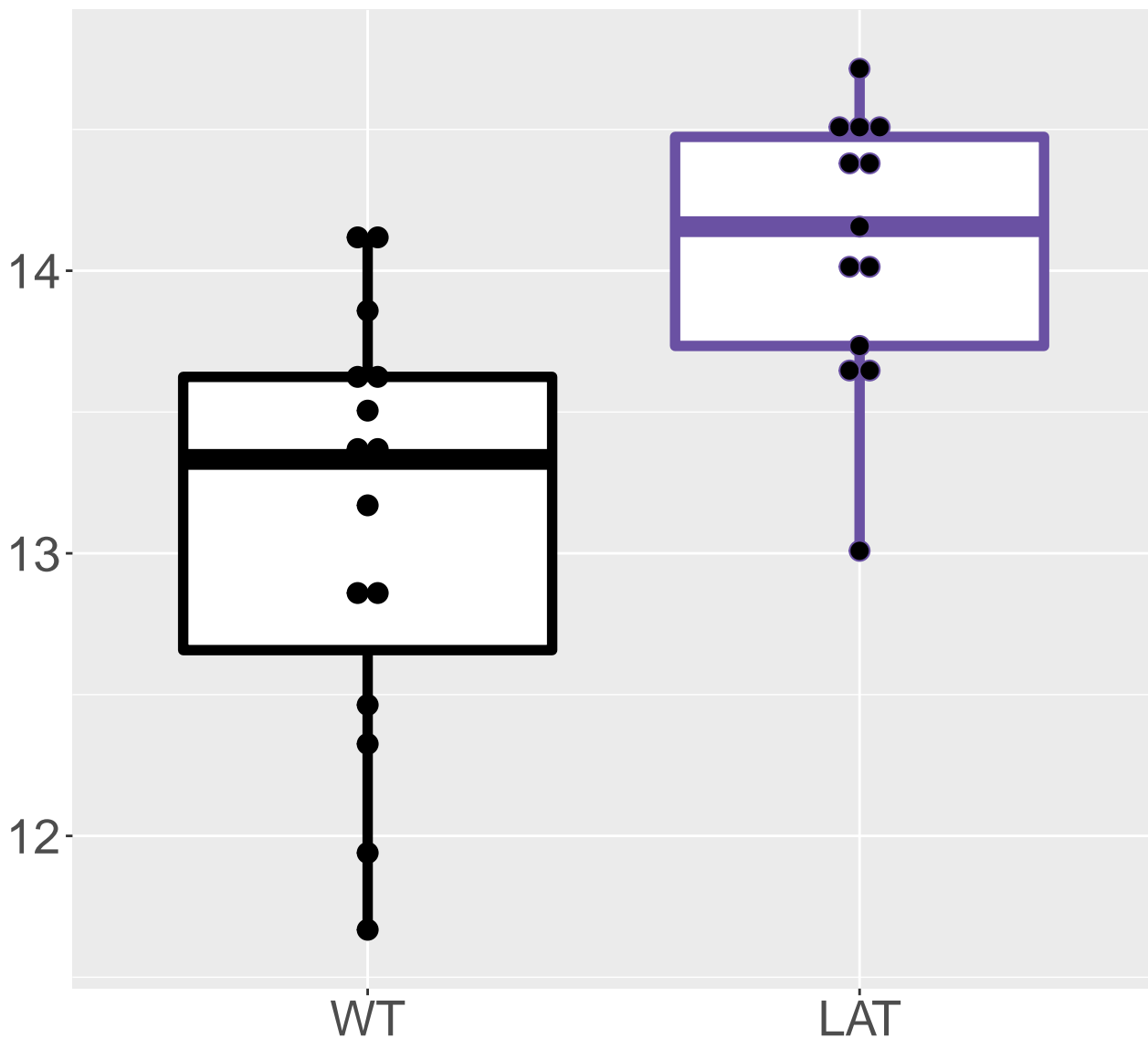


**M367.4039T993.58**  
**FDR = 0.0054, FC = 0.43**



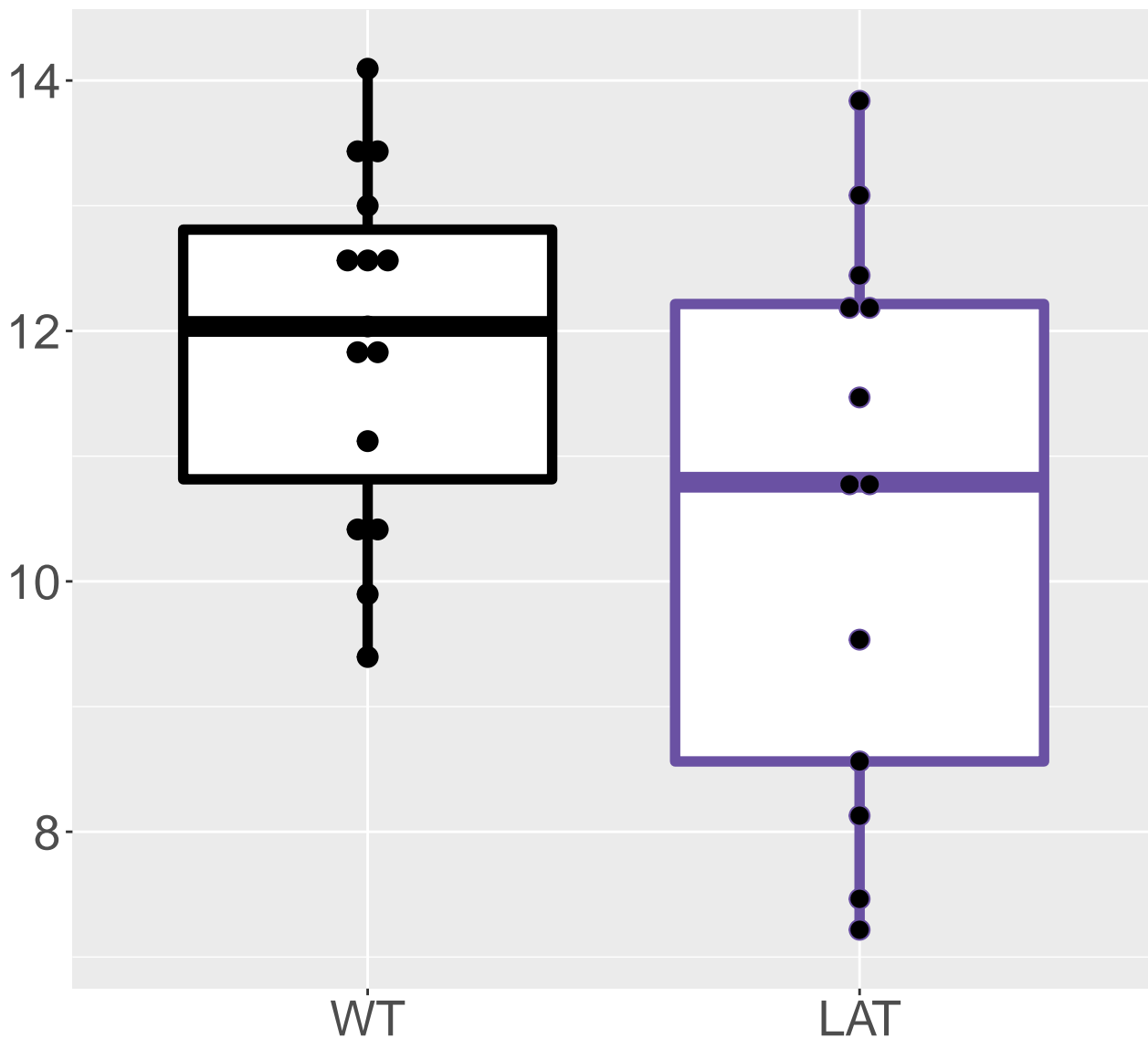
**M503.3845T993.12**

**FDR = 0.0054, FC = 0.97**



**M448.1407T168.12**

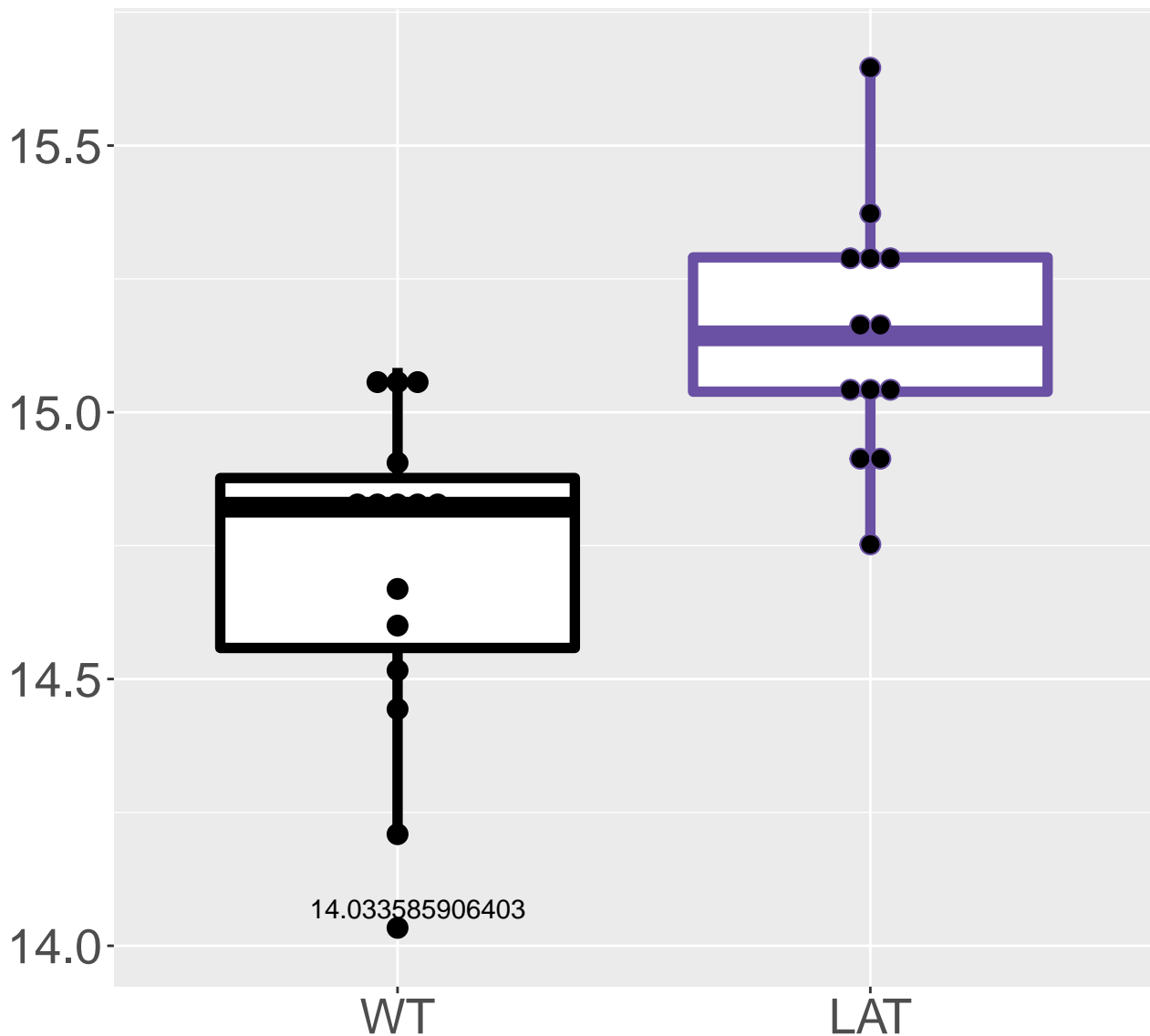
**FDR = 0.0055, FC = -1.3, sex\*\*\***



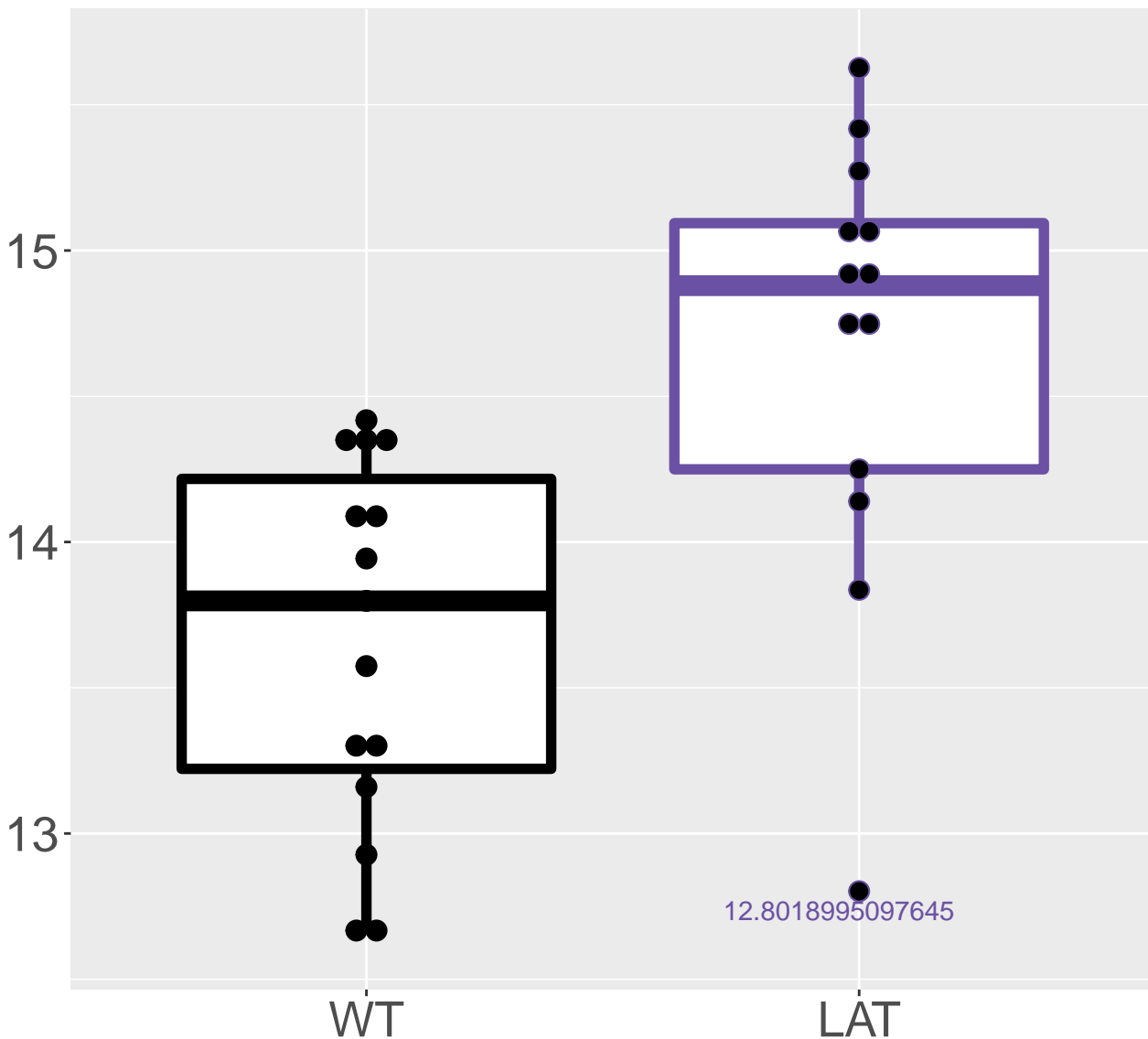


**M303.4176T993.93\_1**

**FDR = 0.0055, FC = 0.43**

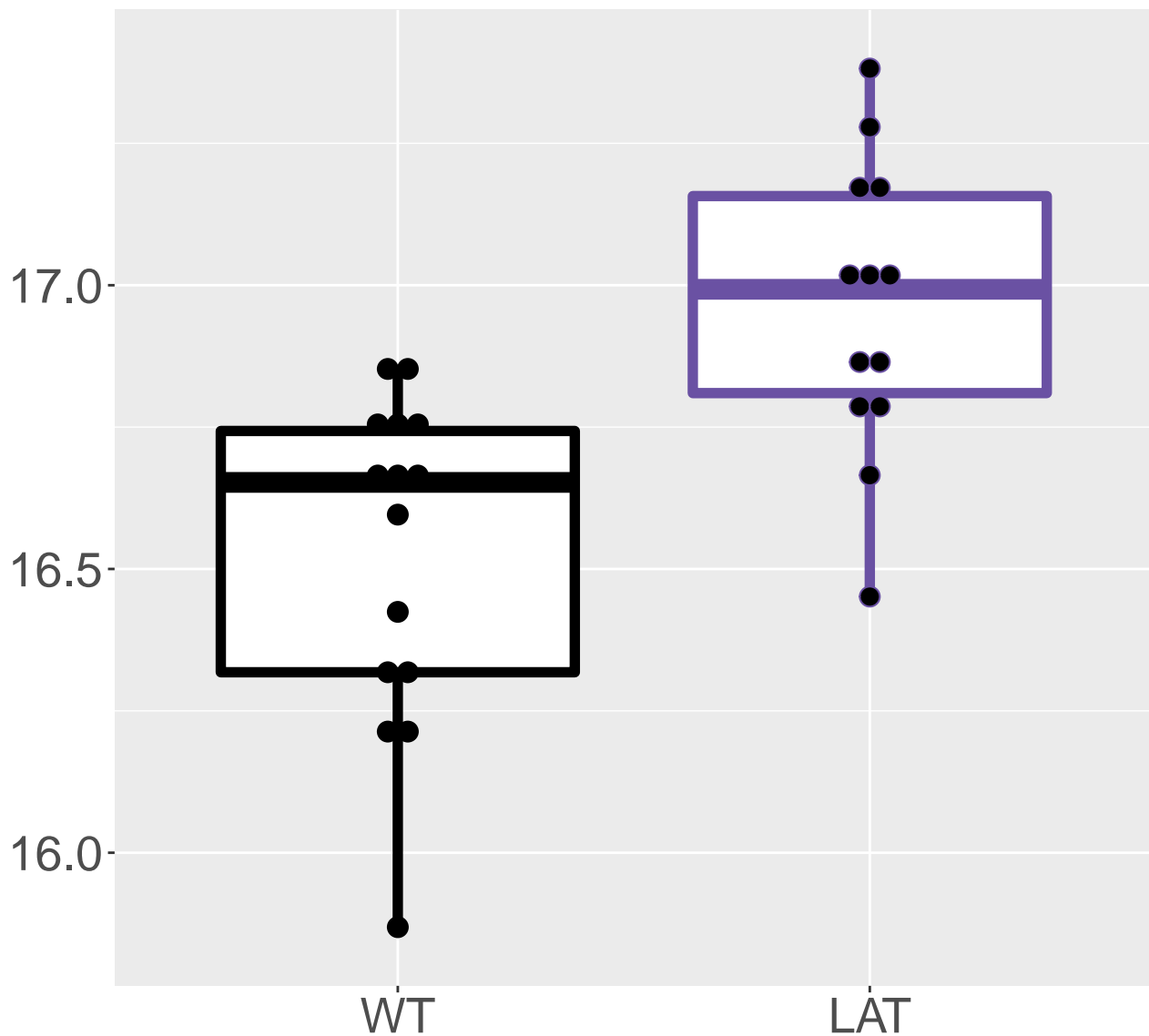


**M134.1385T555.75\_12**  
**FDR = 0.0055, FC = 1**

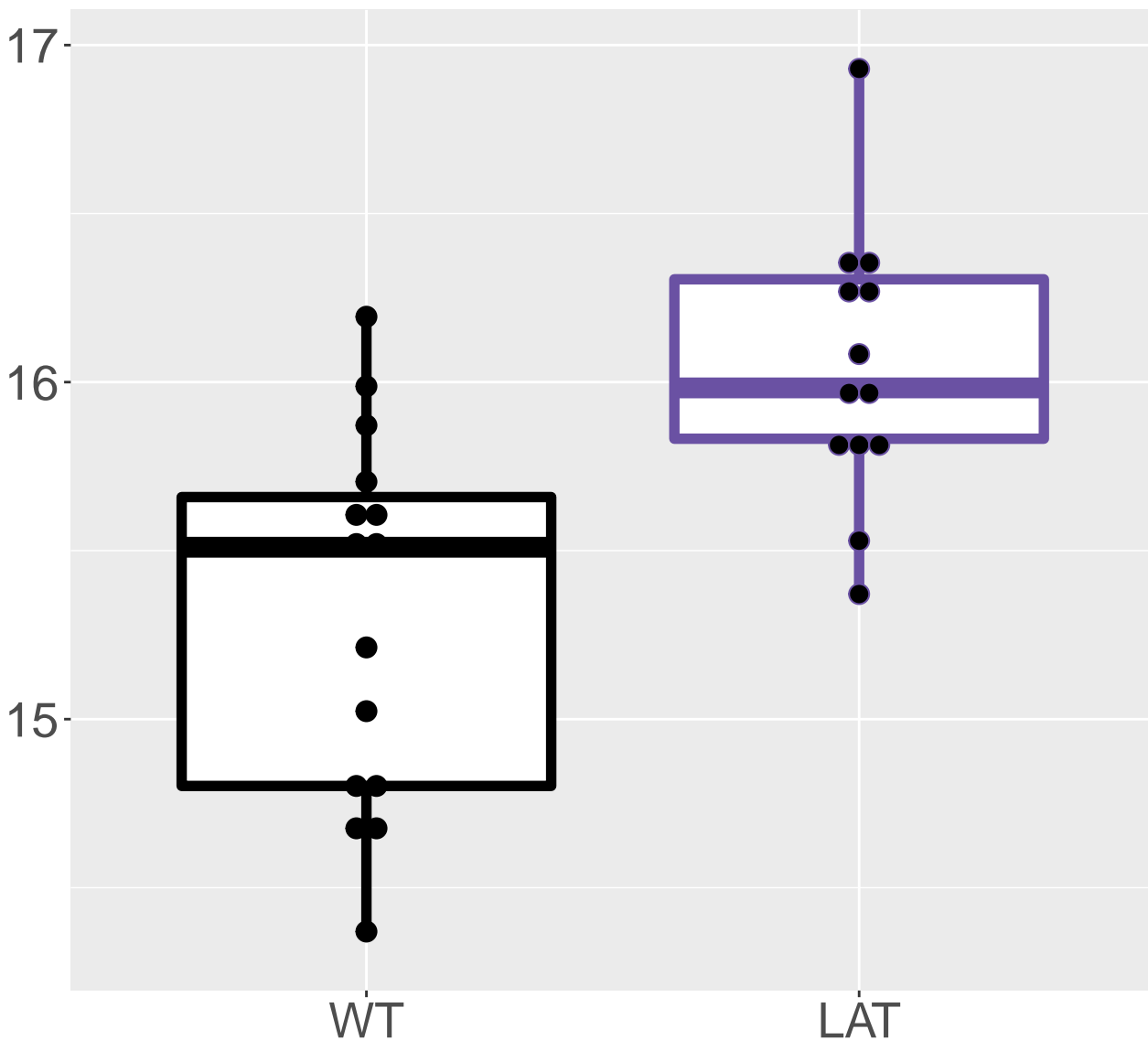


**M543.8998T993.65**

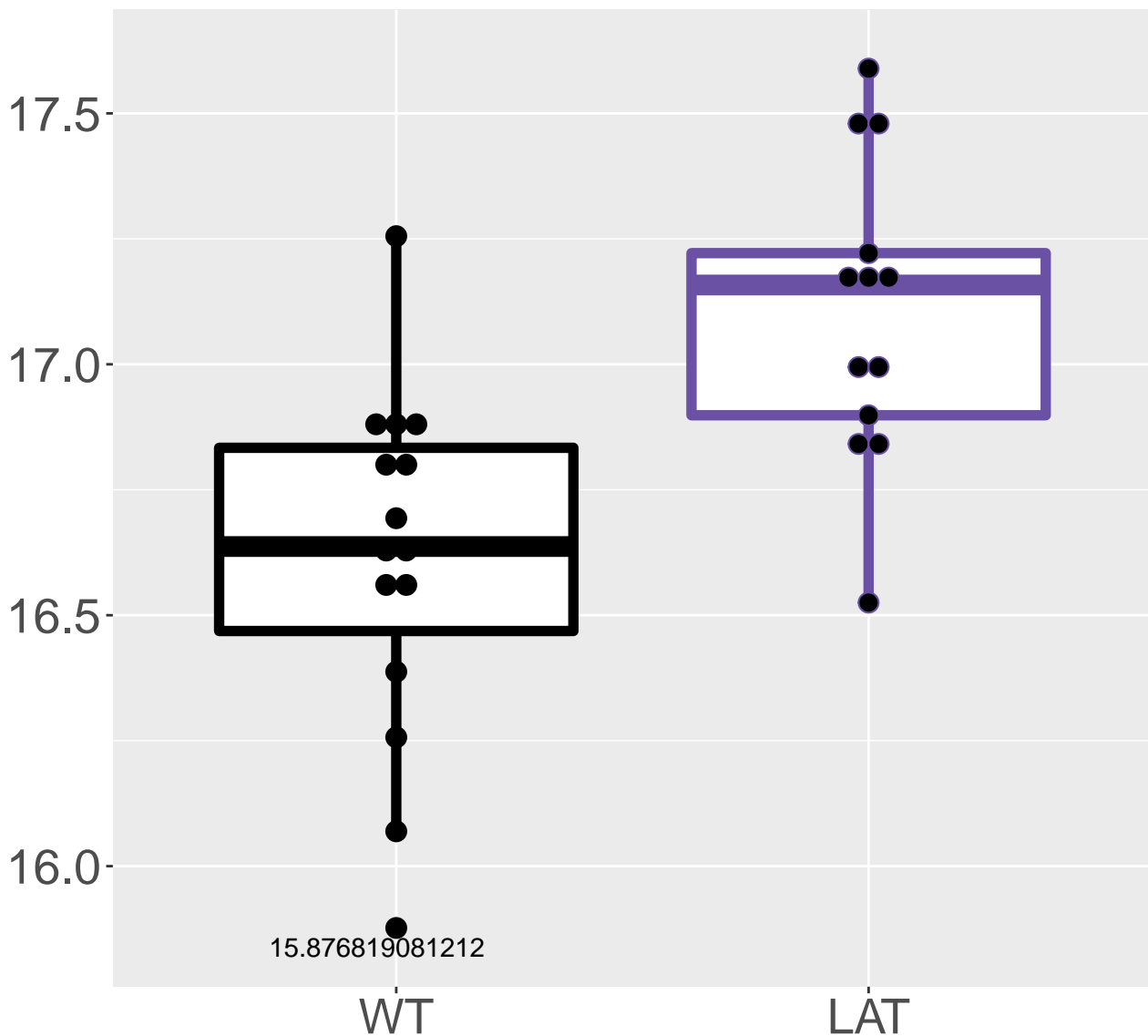
**FDR = 0.0056, FC = 0.43**



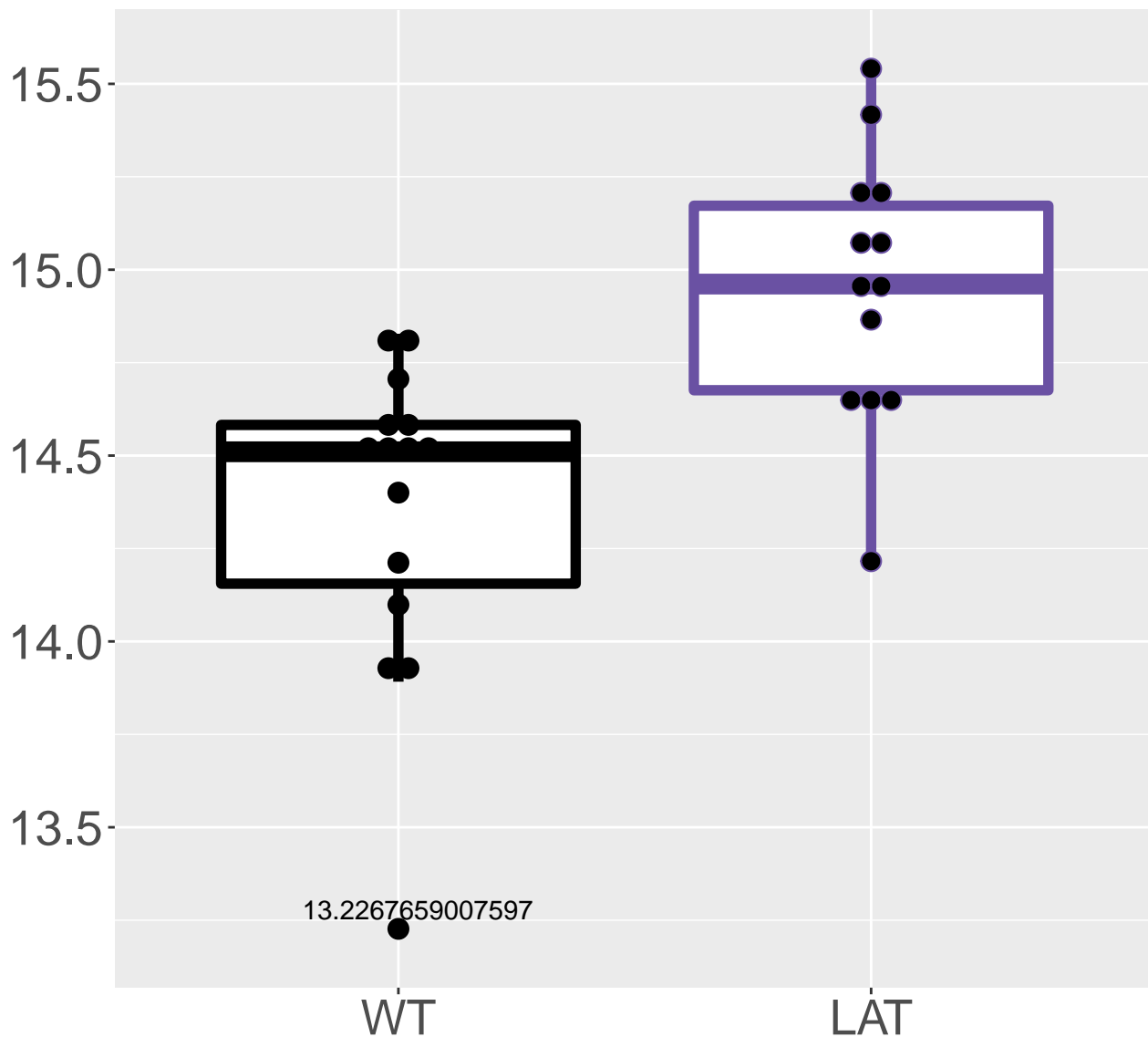
**M136.0218T555.73\_8**  
**FDR = 0.0057, FC = 0.74**



**M295.1052T276.81**  
**FDR = 0.0057, FC = 0.5**

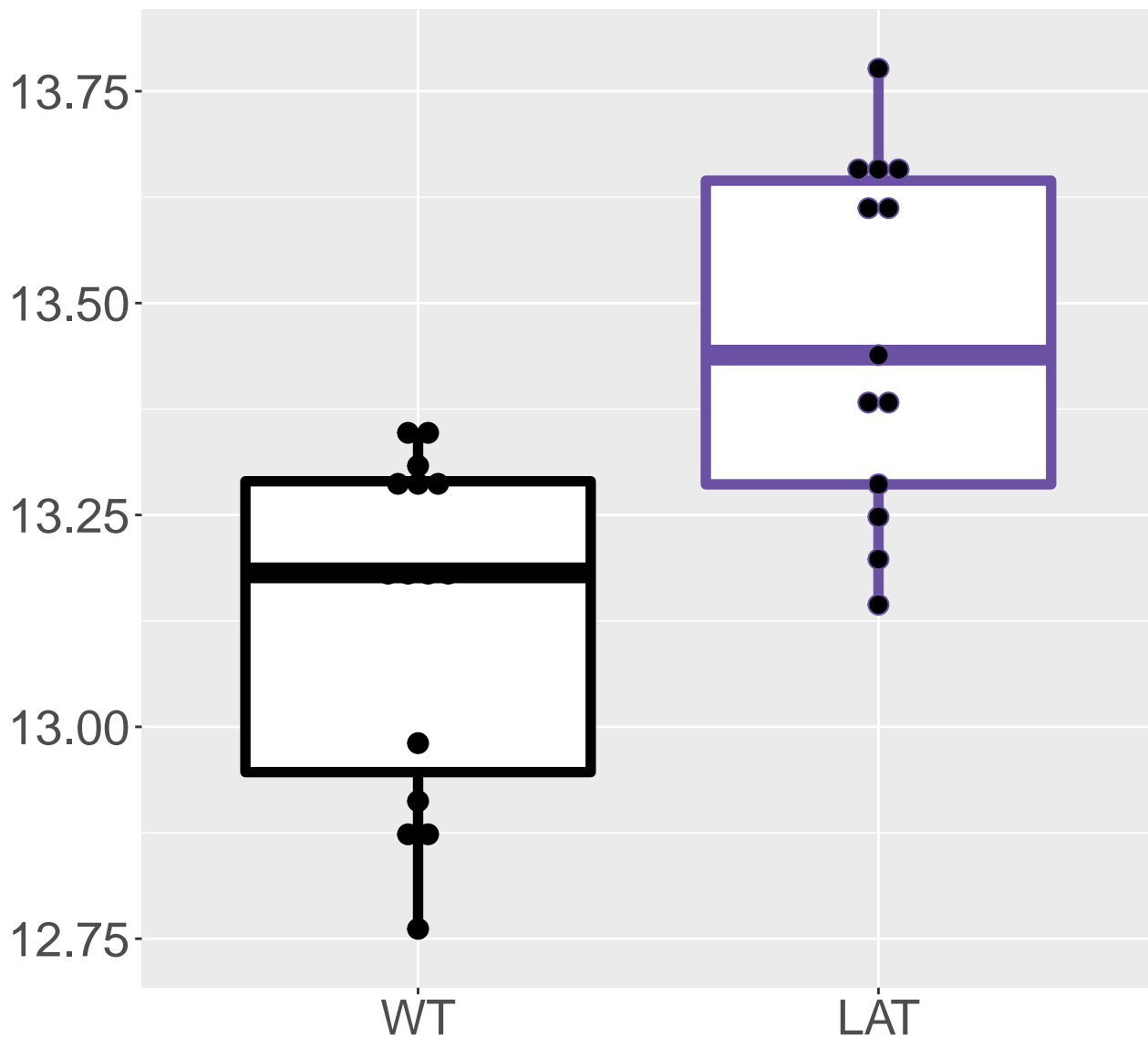


**M606.8586T993.49**  
**FDR = 0.0057, FC = 0.6**



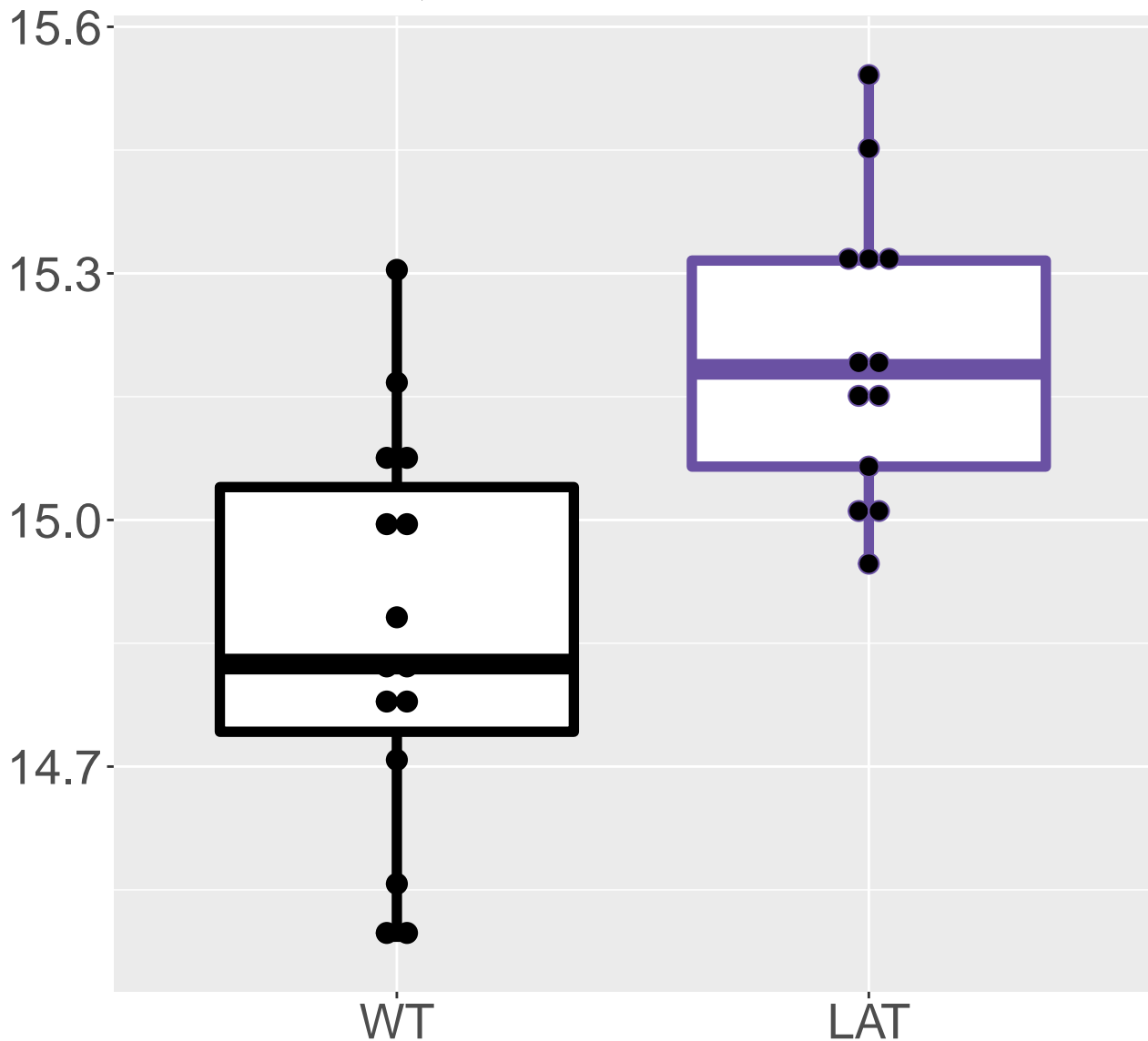
**M290.8946T1018.68**

**FDR = 0.0057, FC = 0.33**



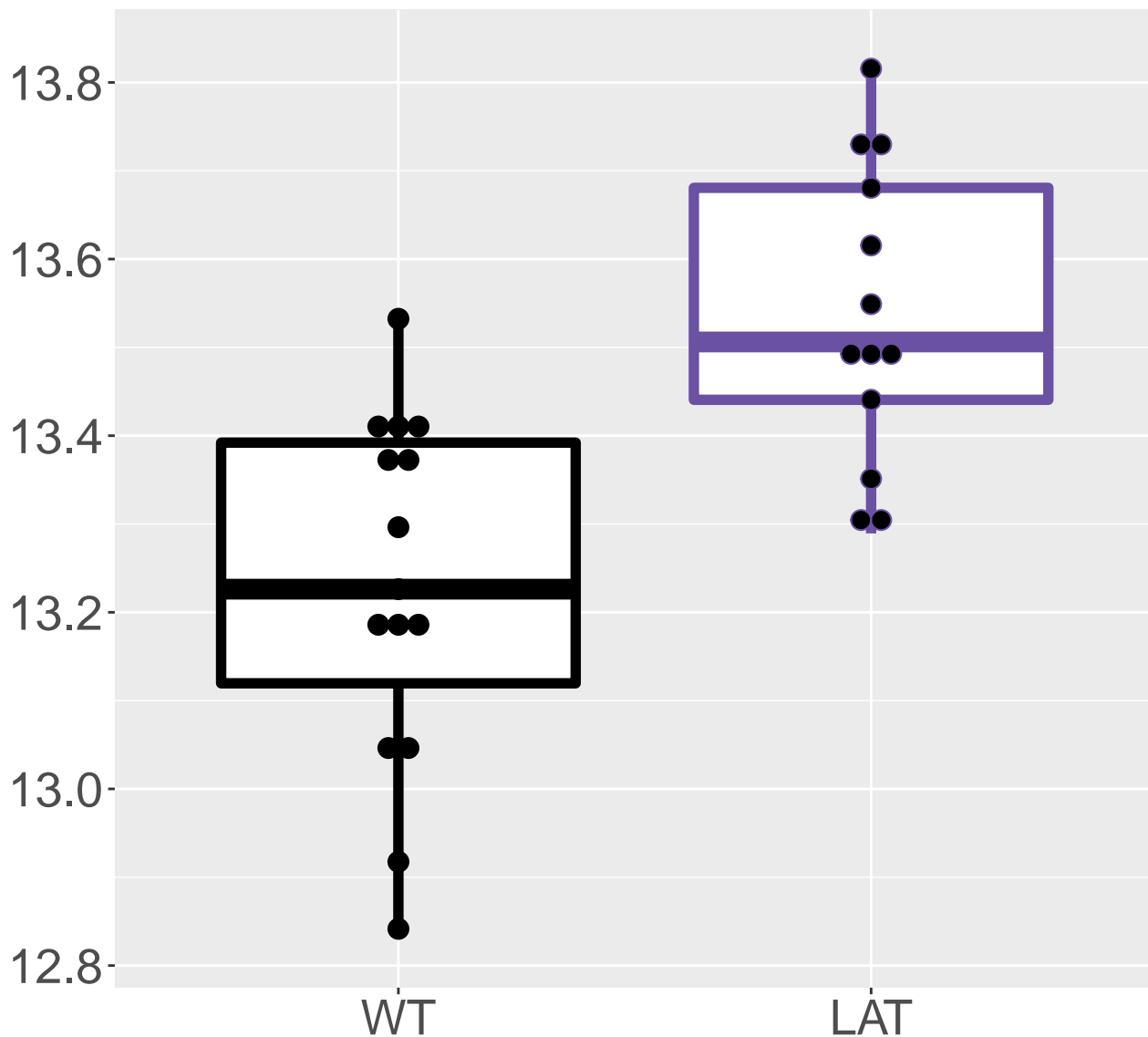
**M415.9535T993.65**

**FDR = 0.0058, FC = 0.34**

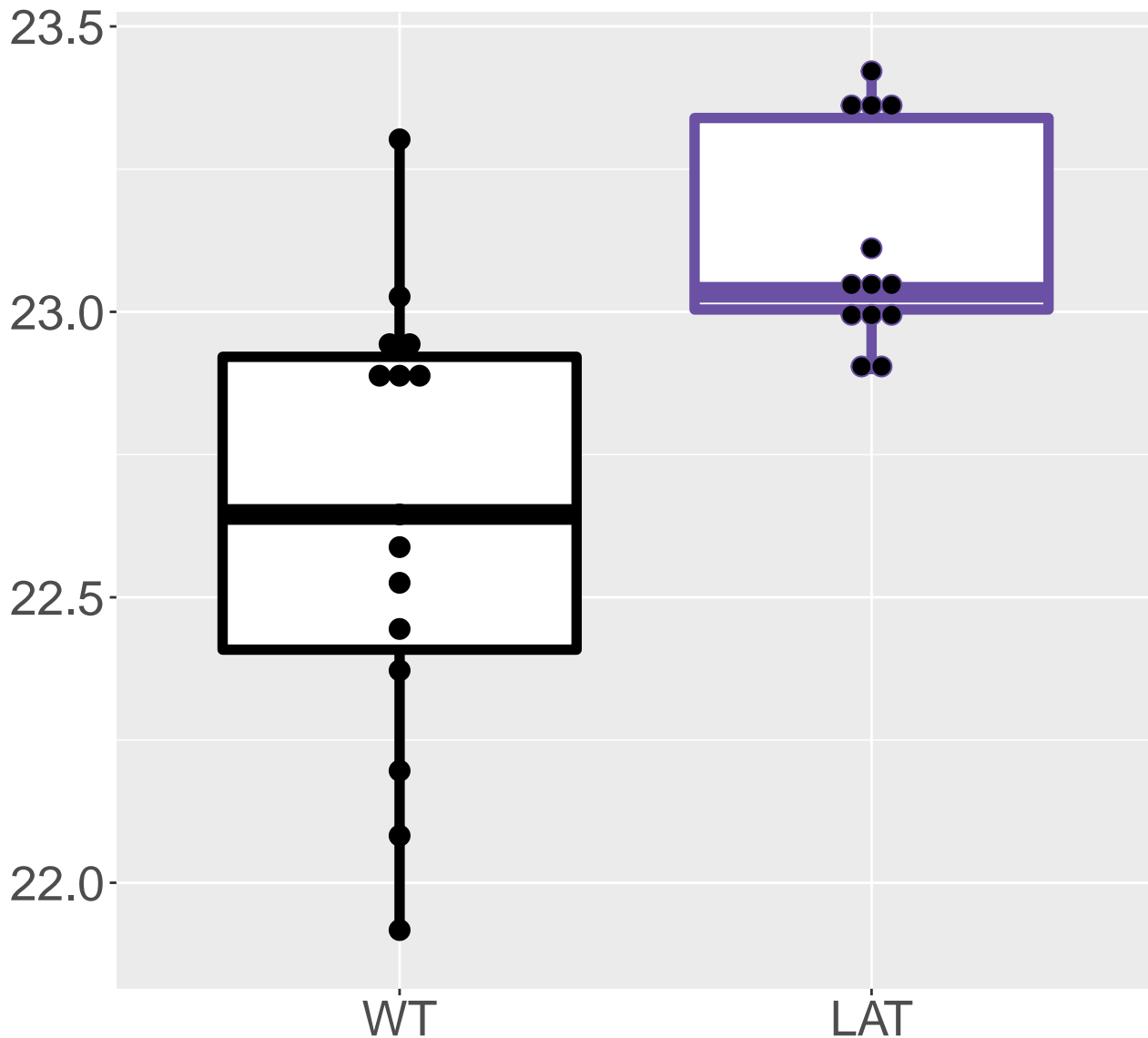




**M288.8754T1023.98**  
**FDR = 0.0058, FC = 0.31**

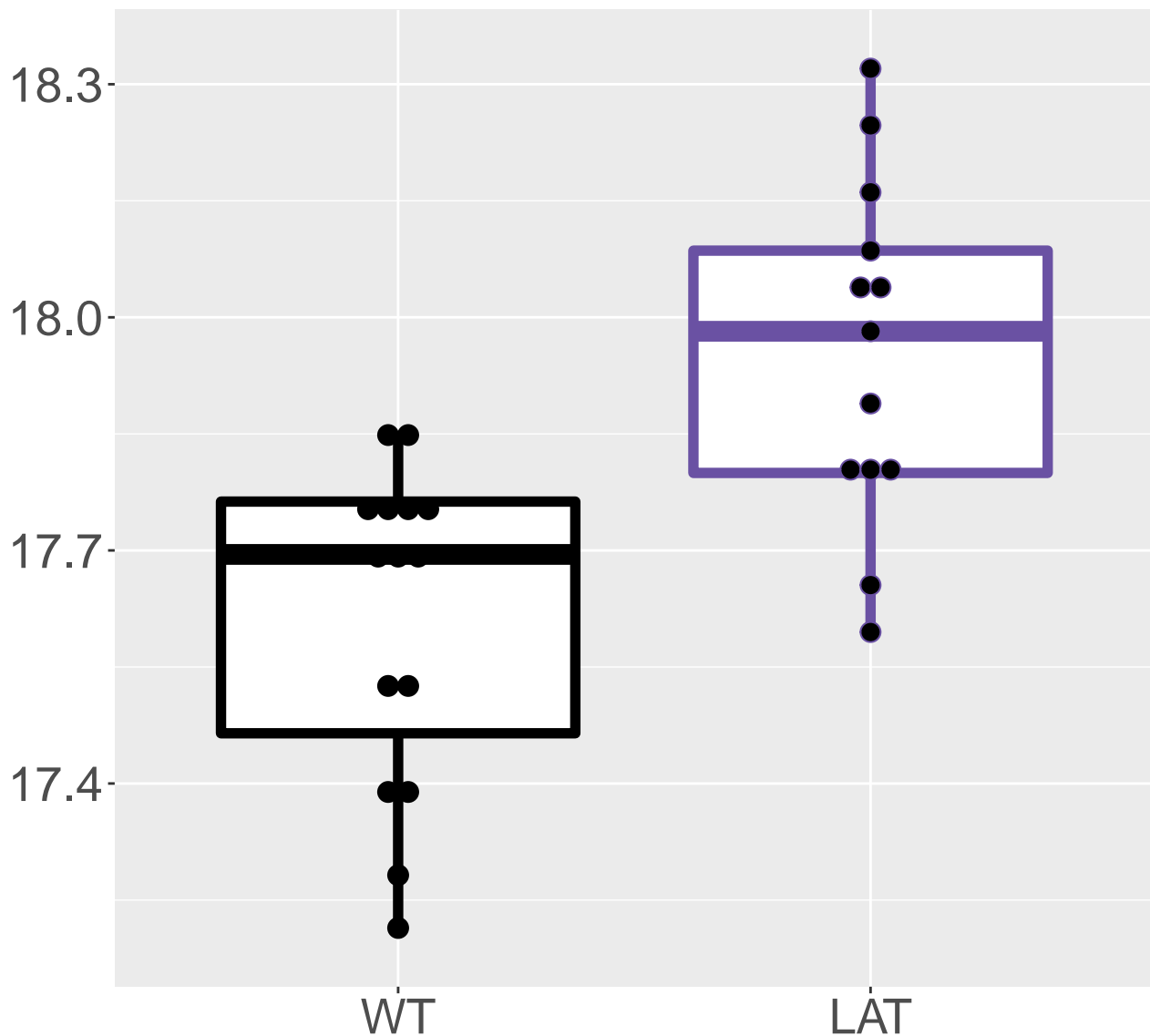


**Methylmalonic acid;2-Methylmalonic acid|Suc**  
**FDR = 0.0059, FC = 0.48**

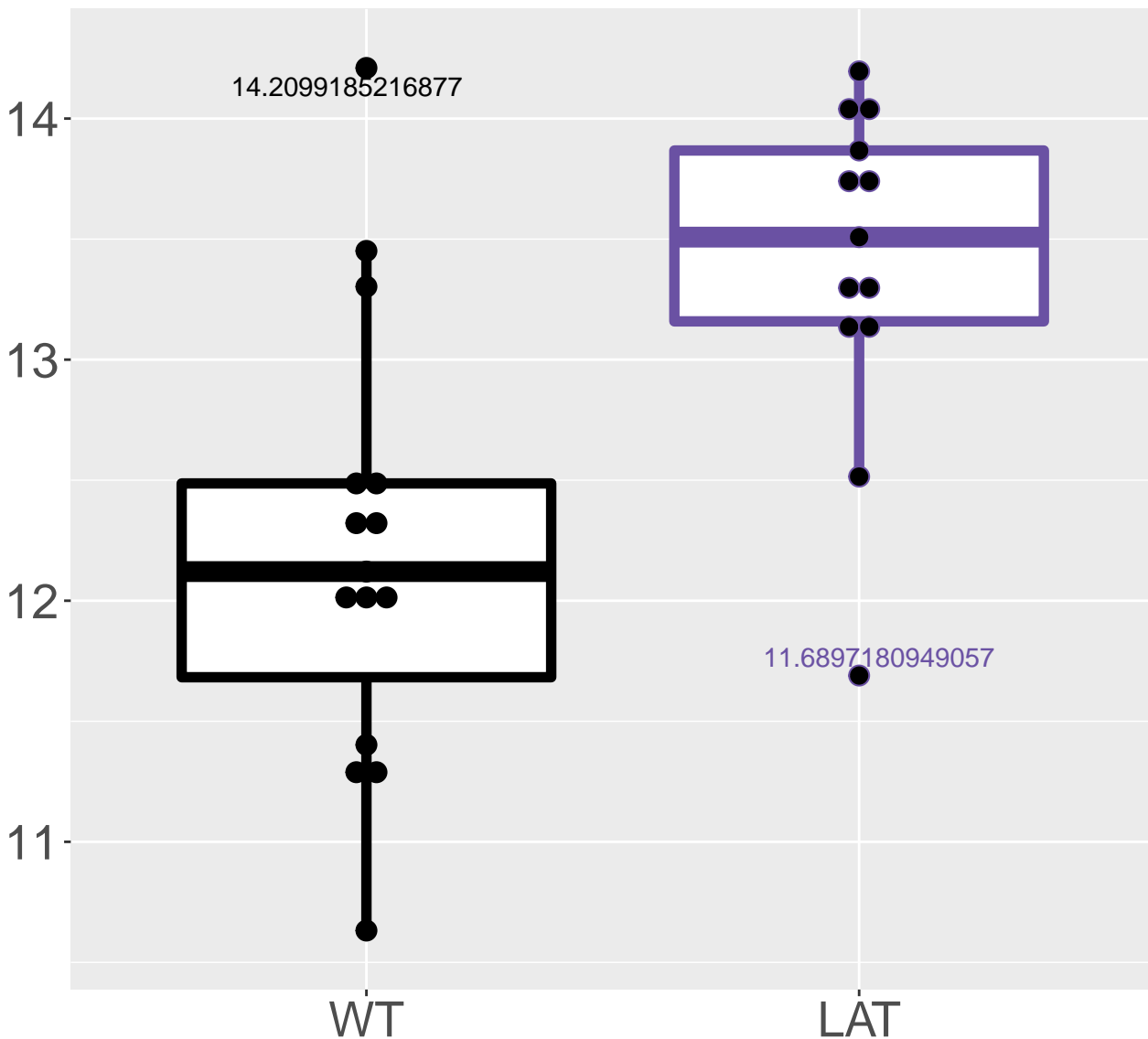


**M371.9634T993.65**

**FDR = 0.0059, FC = 0.35**

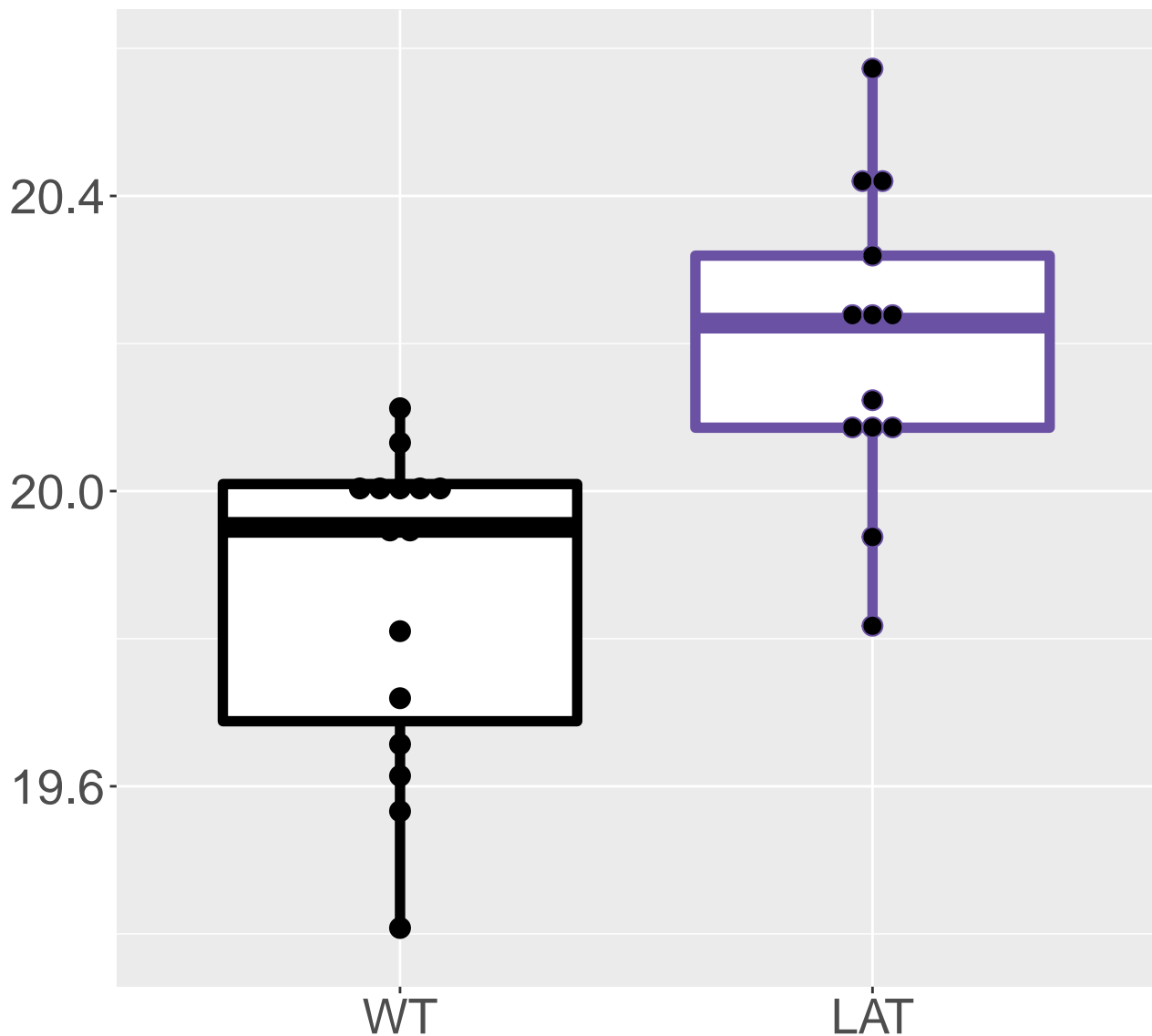


**M197.9152T702.07**  
**FDR = 0.006, FC = 1.2**



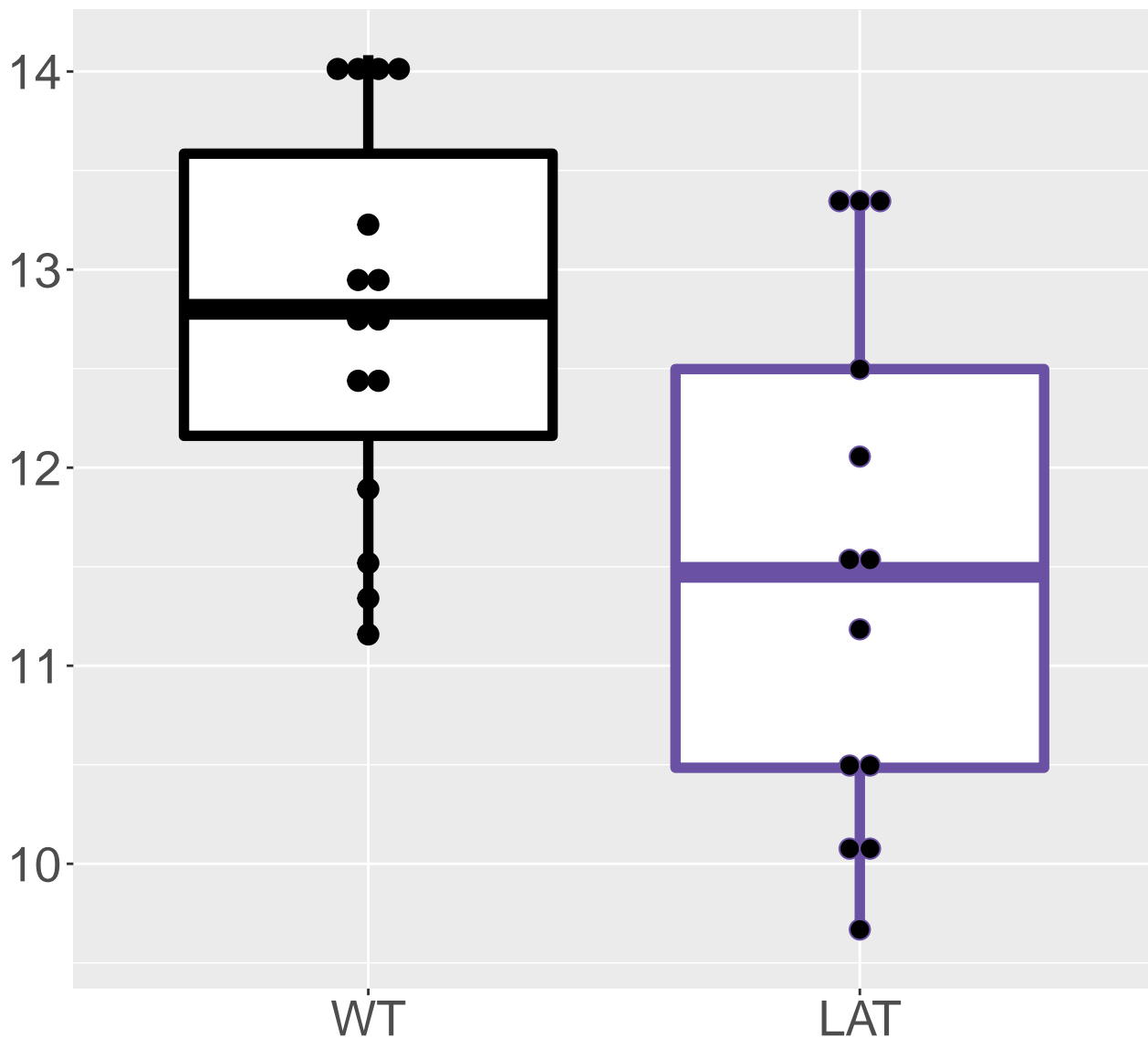
**M354.9369T993.71**

**FDR = 0.0061, FC = 0.34**



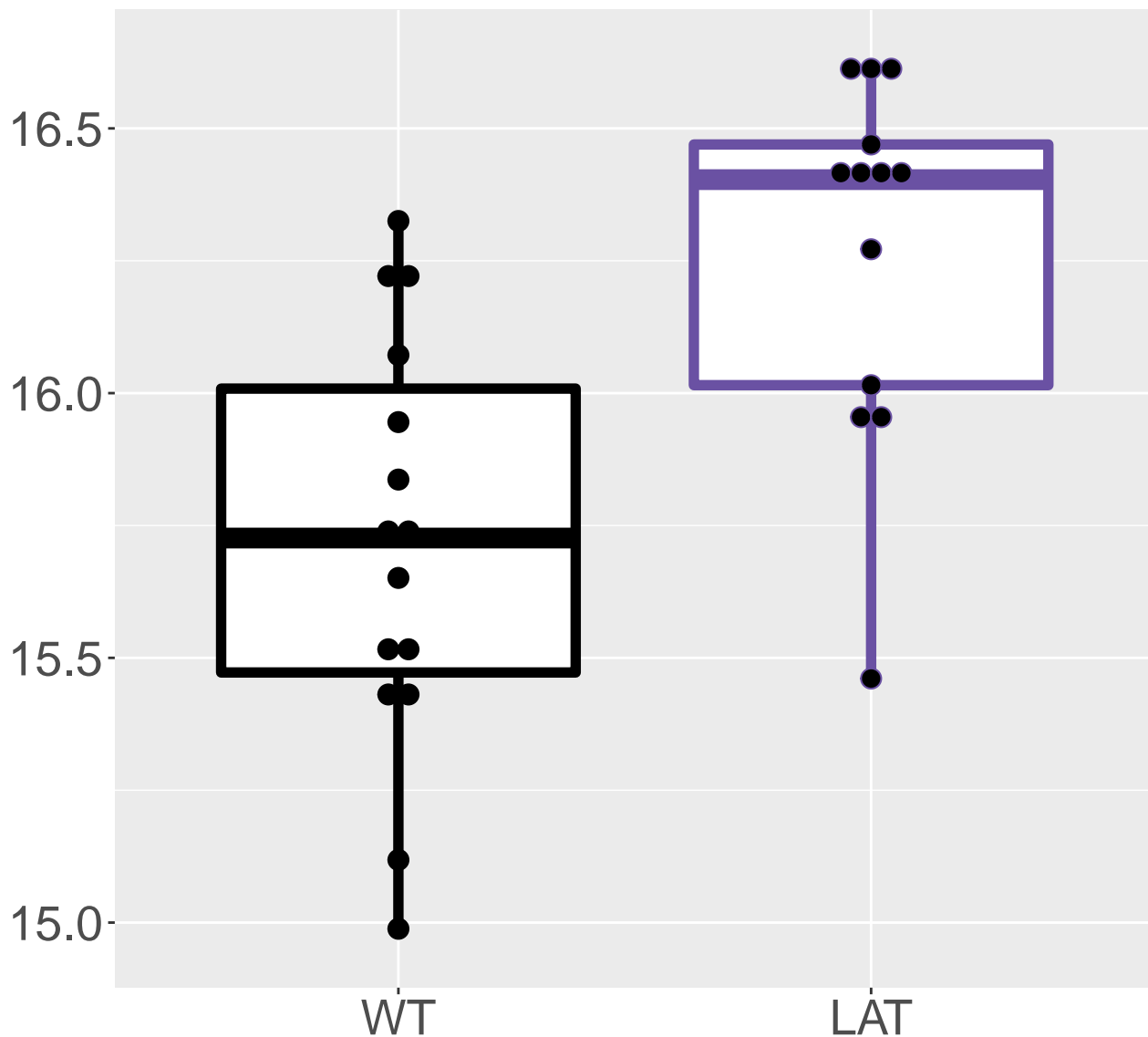
**M354.0502T344.28**

**FDR = 0.0062, FC = -1.3, sex\*\*\***



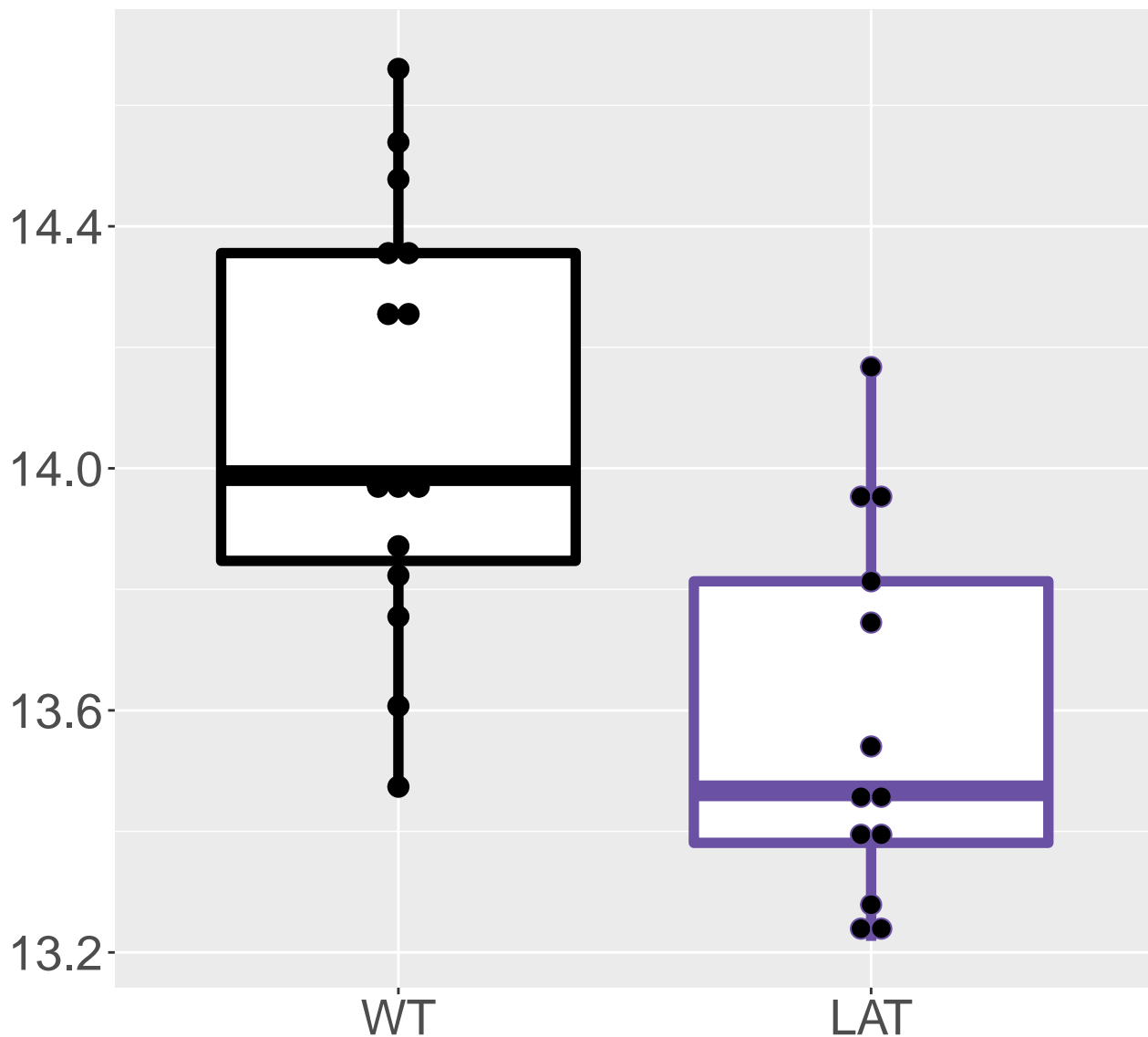
**M356.9834T436.6**

**FDR = 0.0062, FC = 0.56**



**M356.1319T584.92**

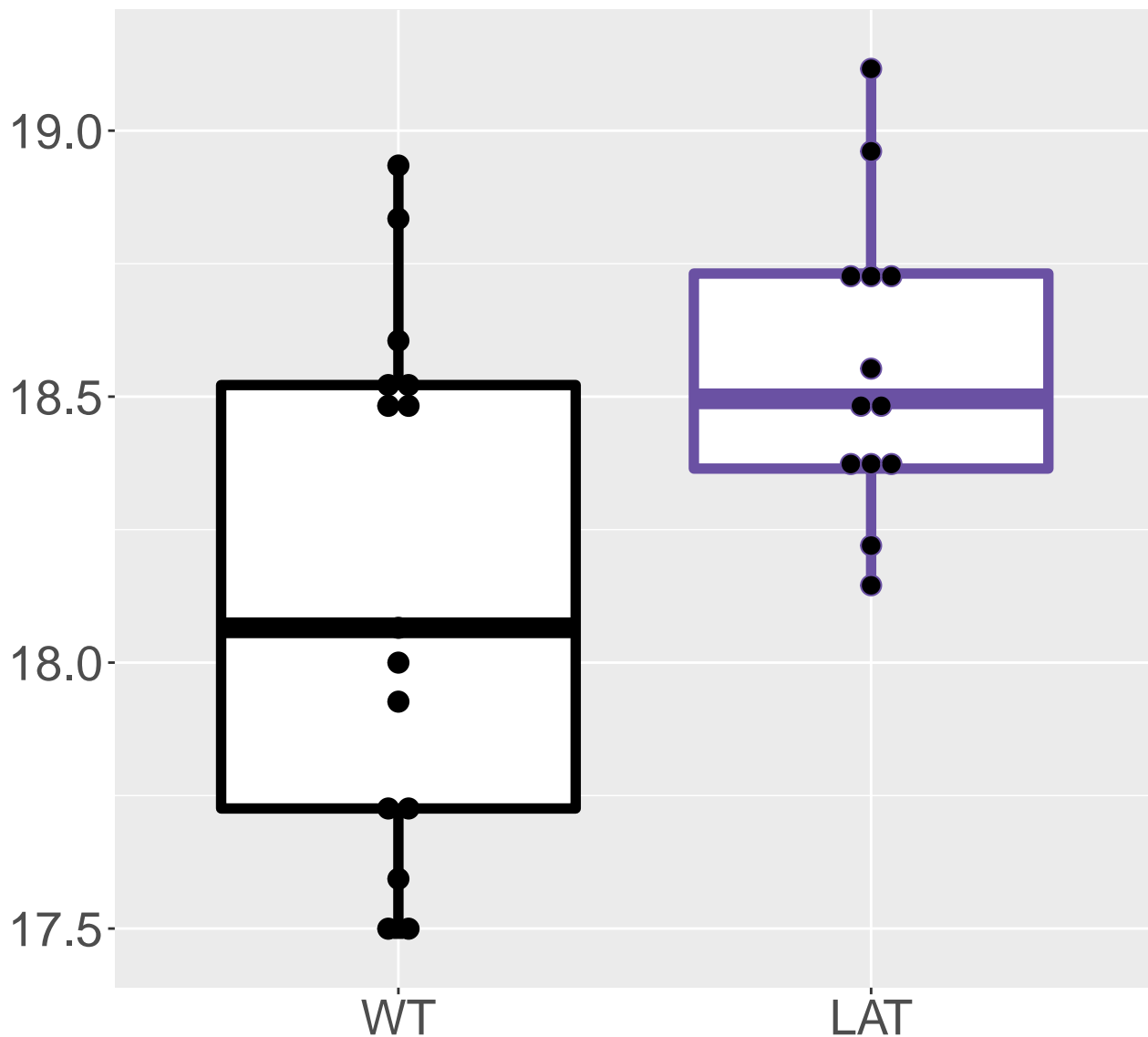
**FDR = 0.0062, FC = -0.5**



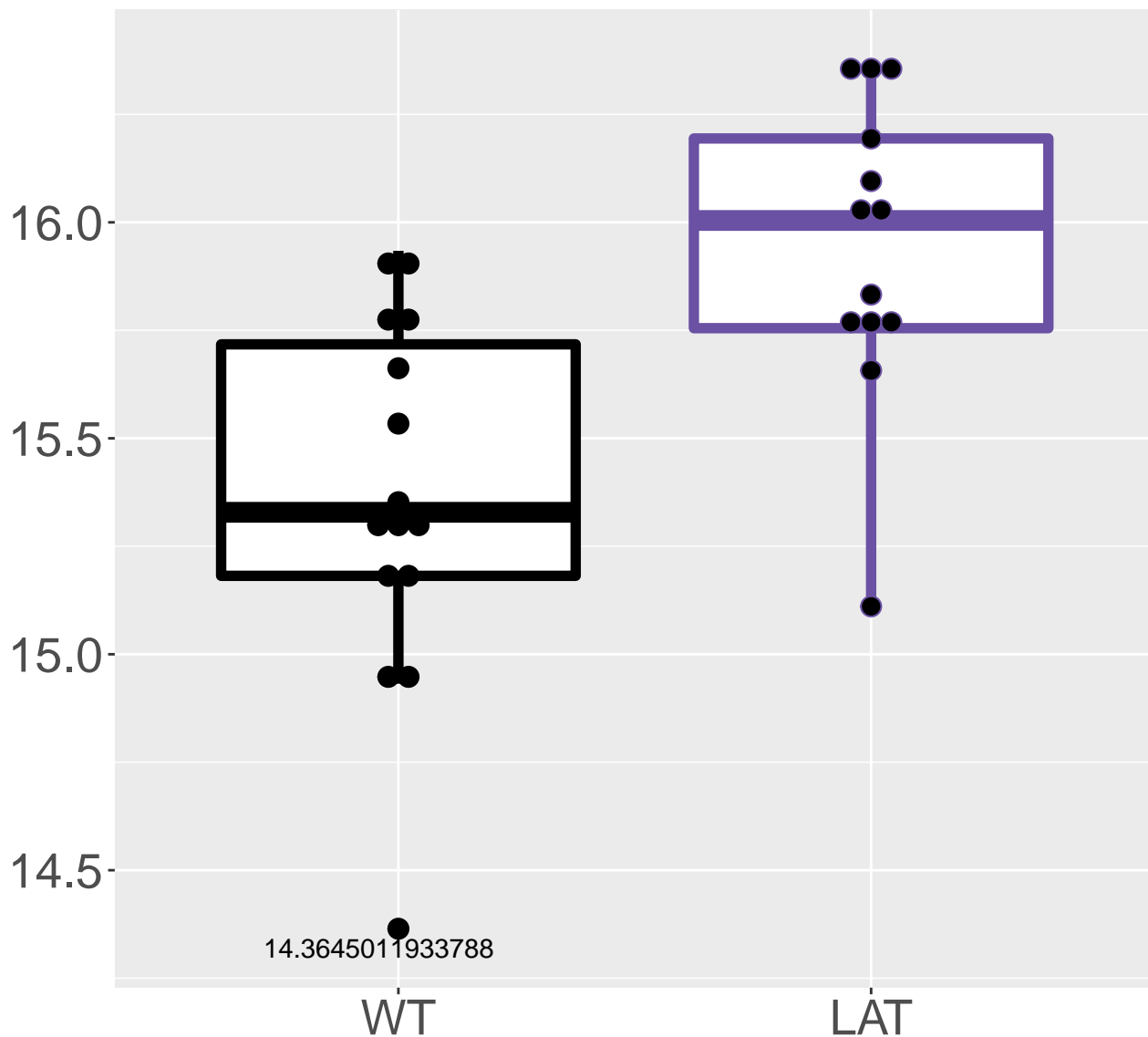


# Caprylolyglycine

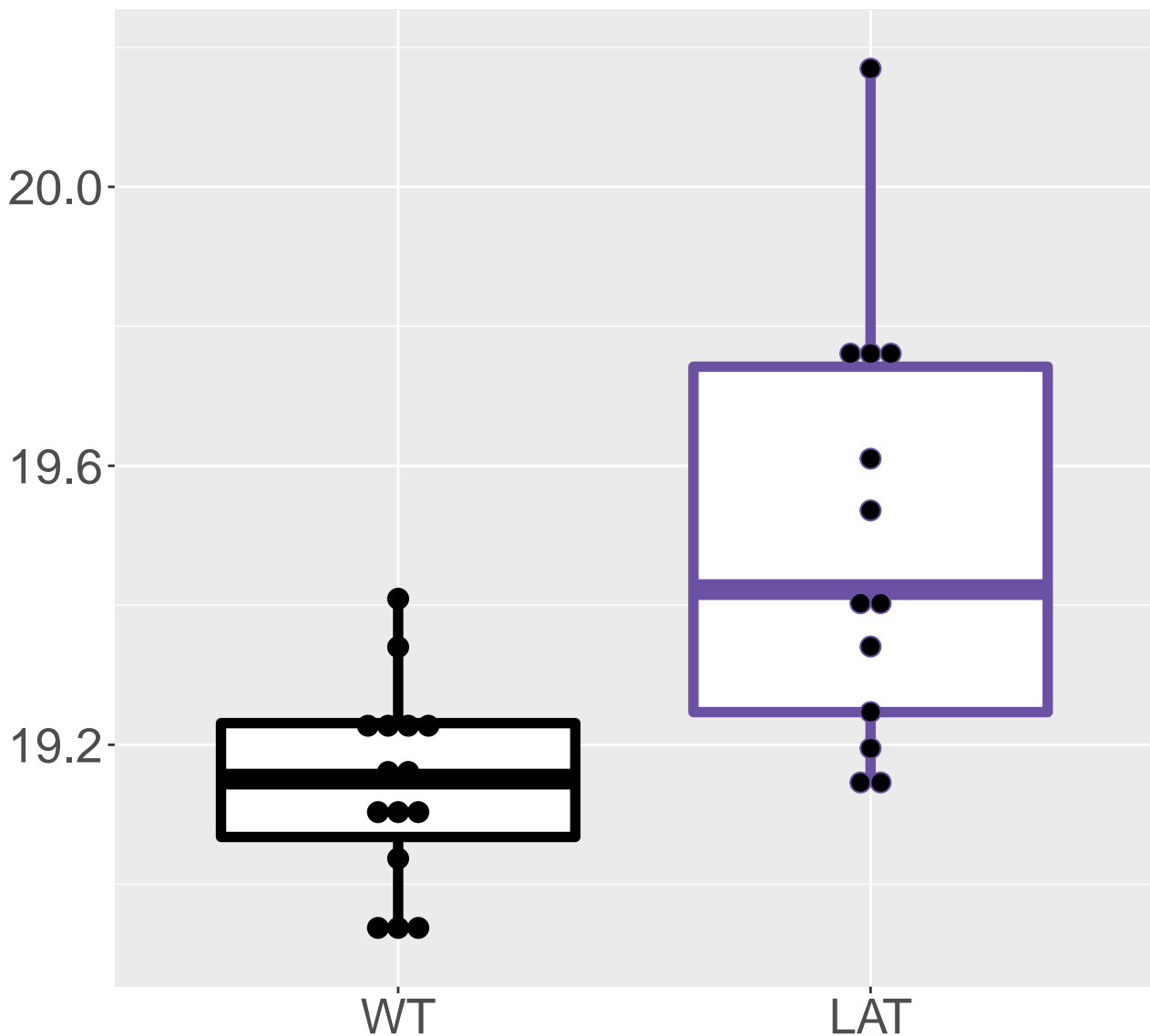
FDR = 0.0062, FC = 0.4, sex\*\*\*



**M397.912T993.43\_2**  
**FDR = 0.0064, FC = 0.58**

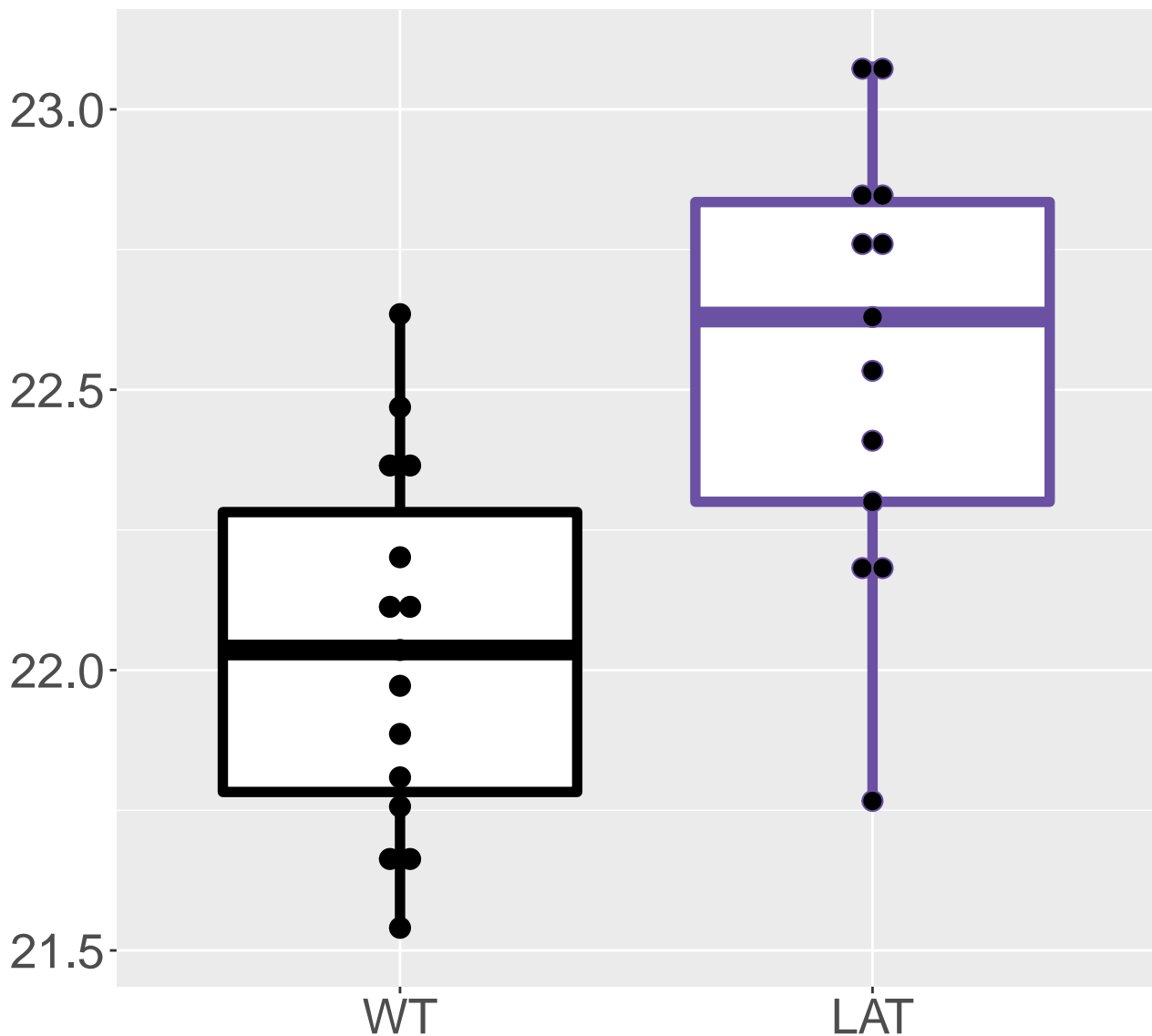


**Caproic acid;Hexanoic acid**  
**FDR = 0.0064, FC = 0.35**

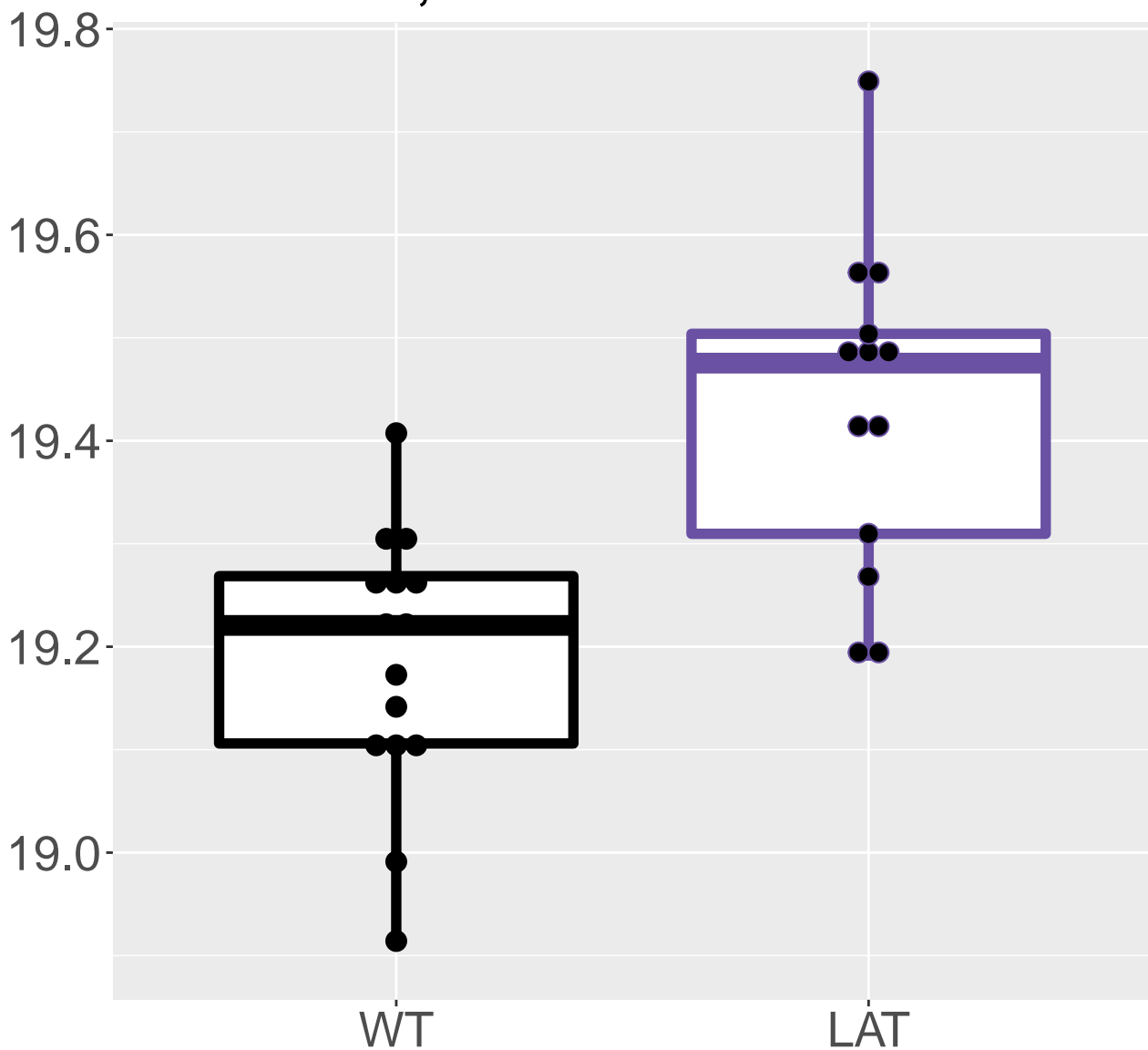


**M124.9916T296**

**FDR = 0.0064, FC = 0.53**

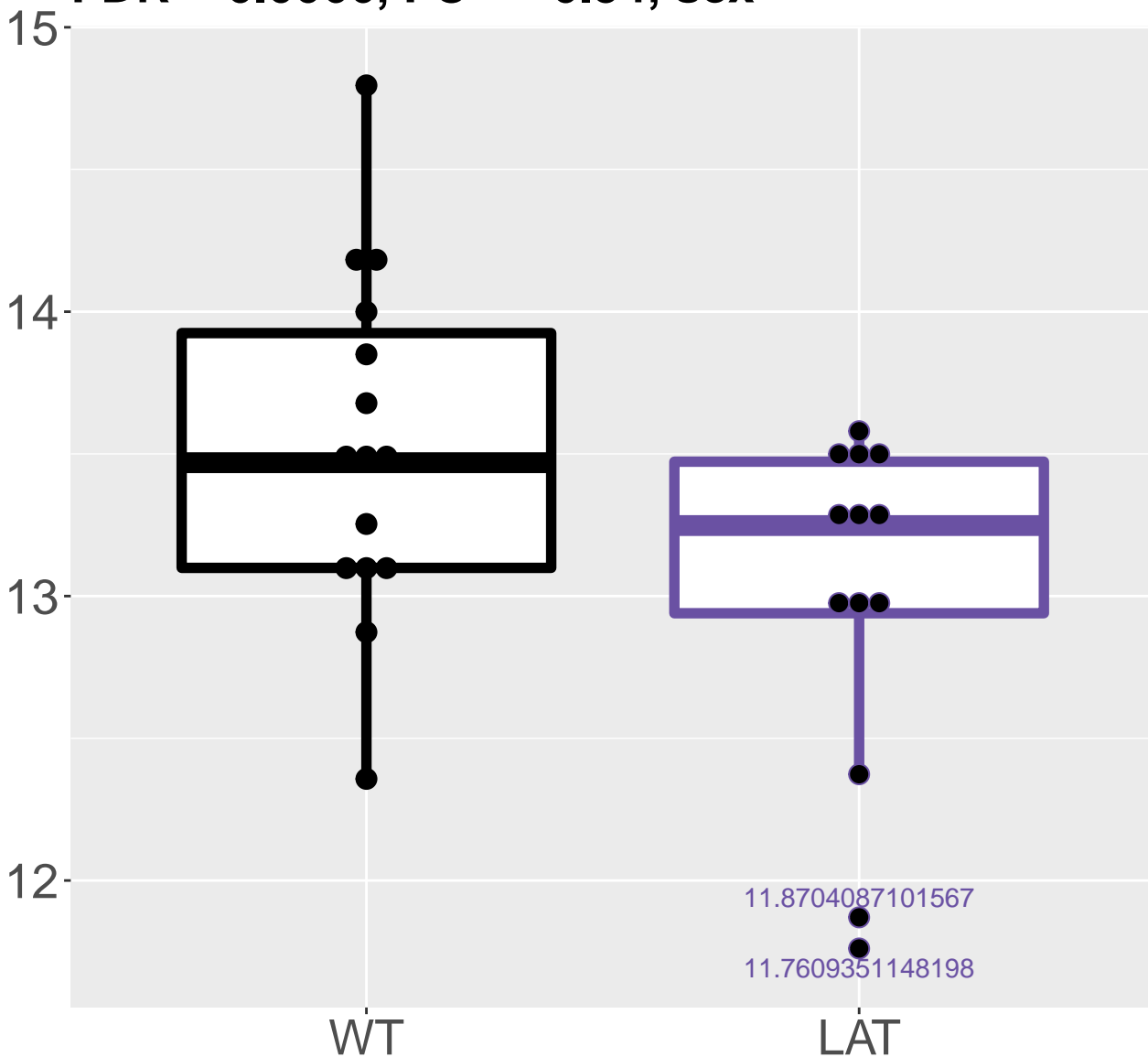


**M282.8882T1026.8**  
**FDR = 0.0064, FC = 0.25**



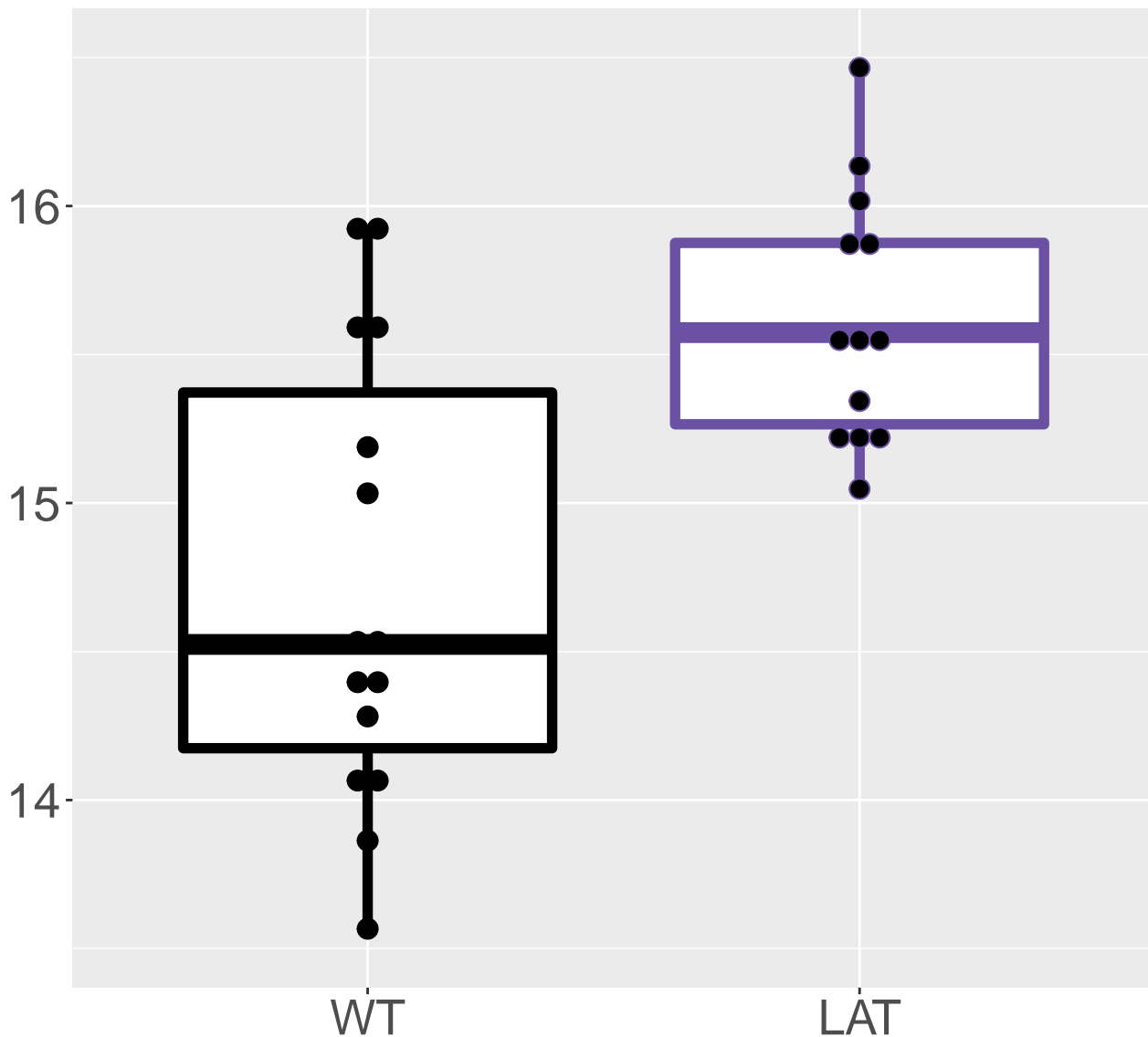
**M289.9227T356.47**

**FDR = 0.0066, FC = -0.54, sex\*\*\***

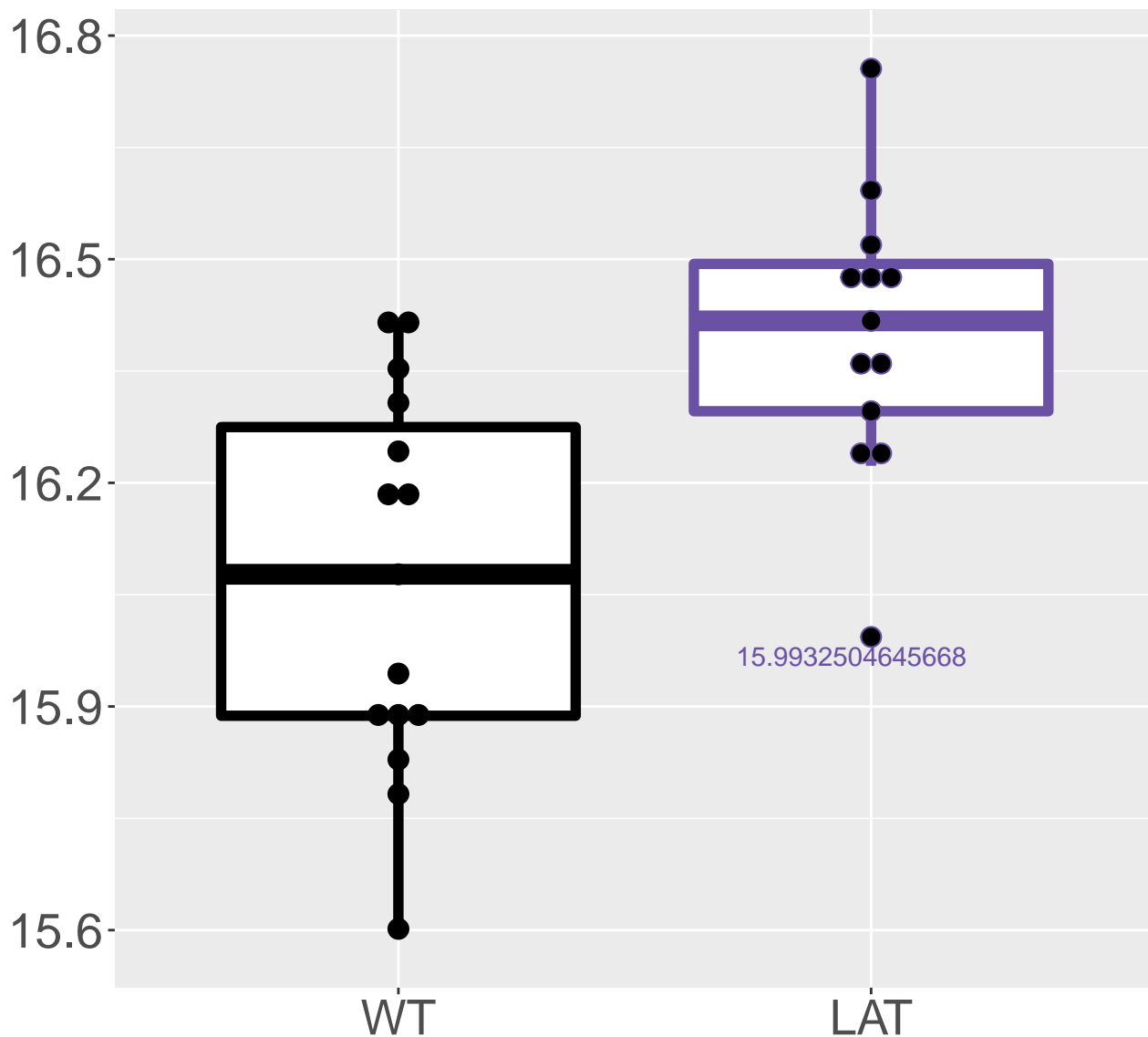


**M255.0774T476.6**

**FDR = 0.0066, FC = 0.89**

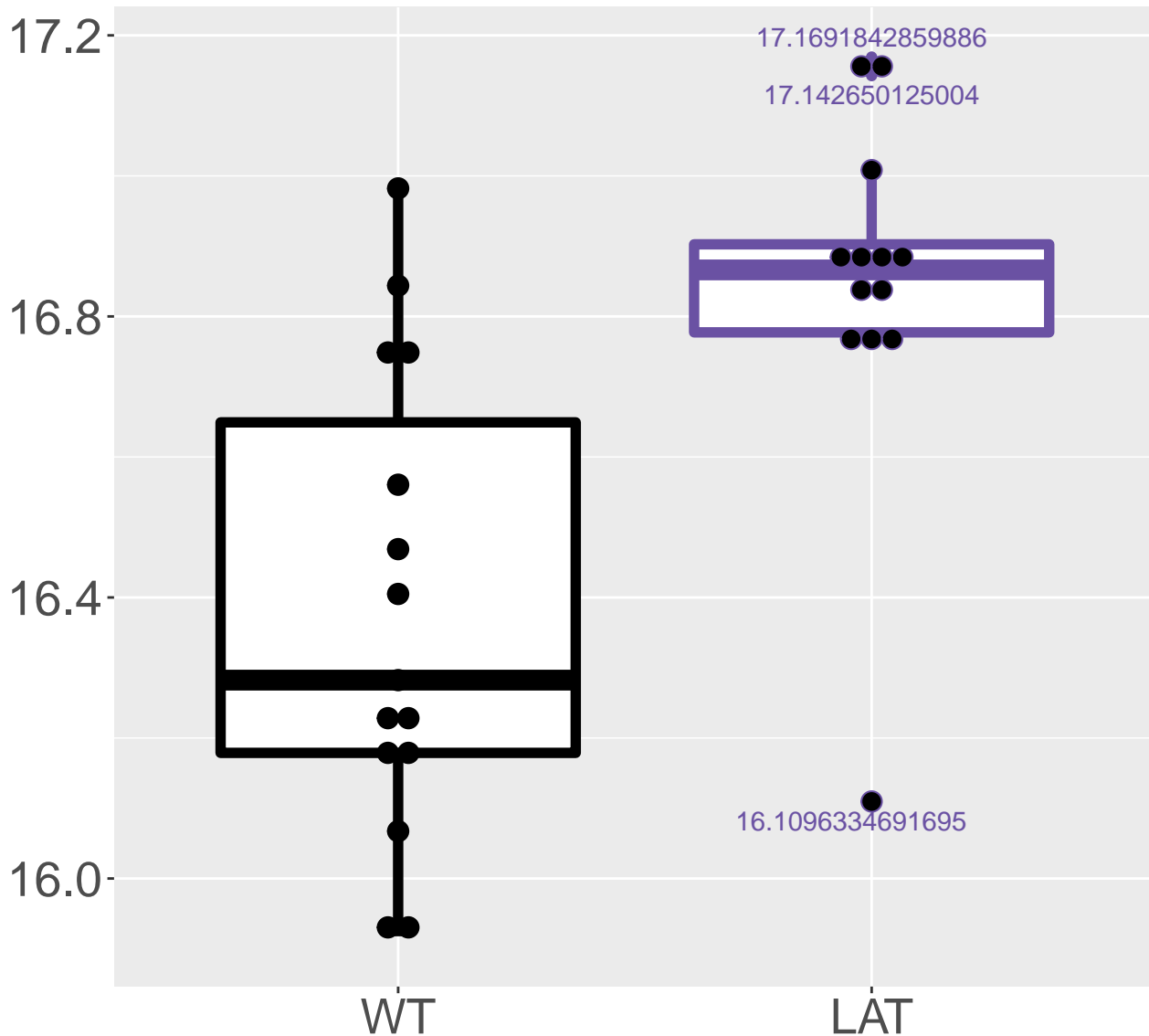


**M406.9931T609.64**  
**FDR = 0.0066, FC = 0.33**



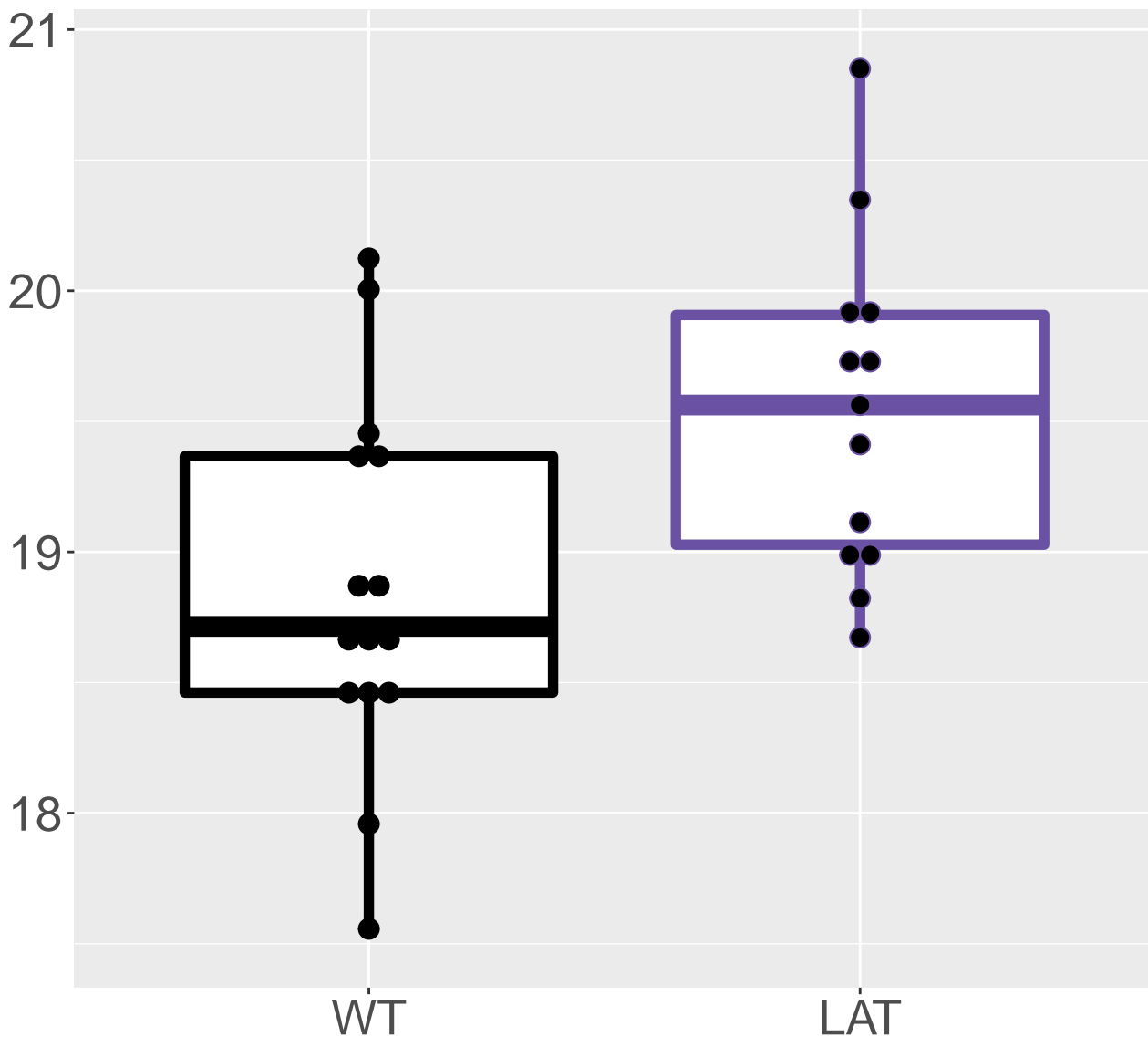


**M464.9869T434.78**  
**FDR = 0.0067, FC = 0.45**



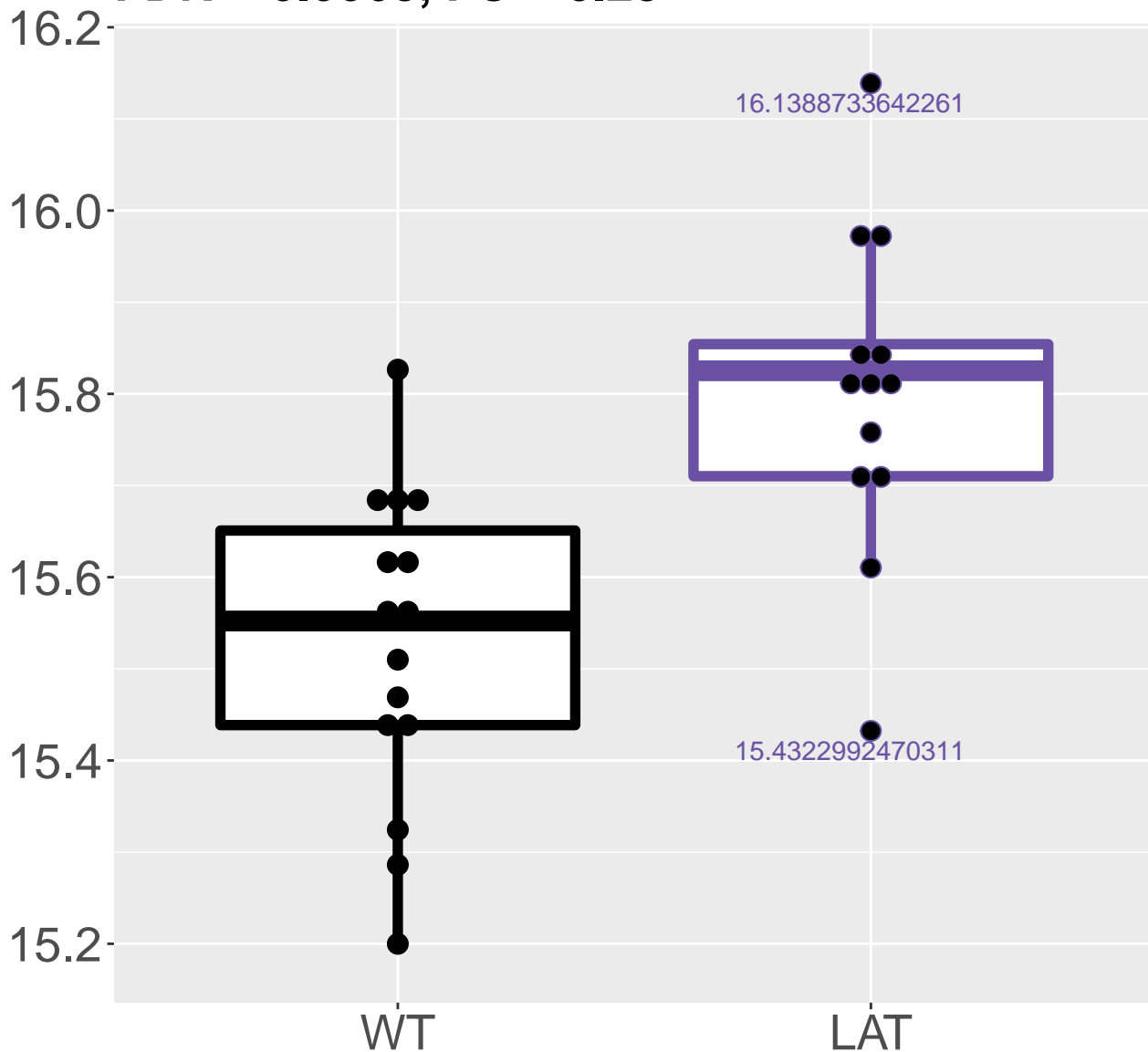
**M190.0182T521.49**

**FDR = 0.0068, FC = 0.68, sex\*\***



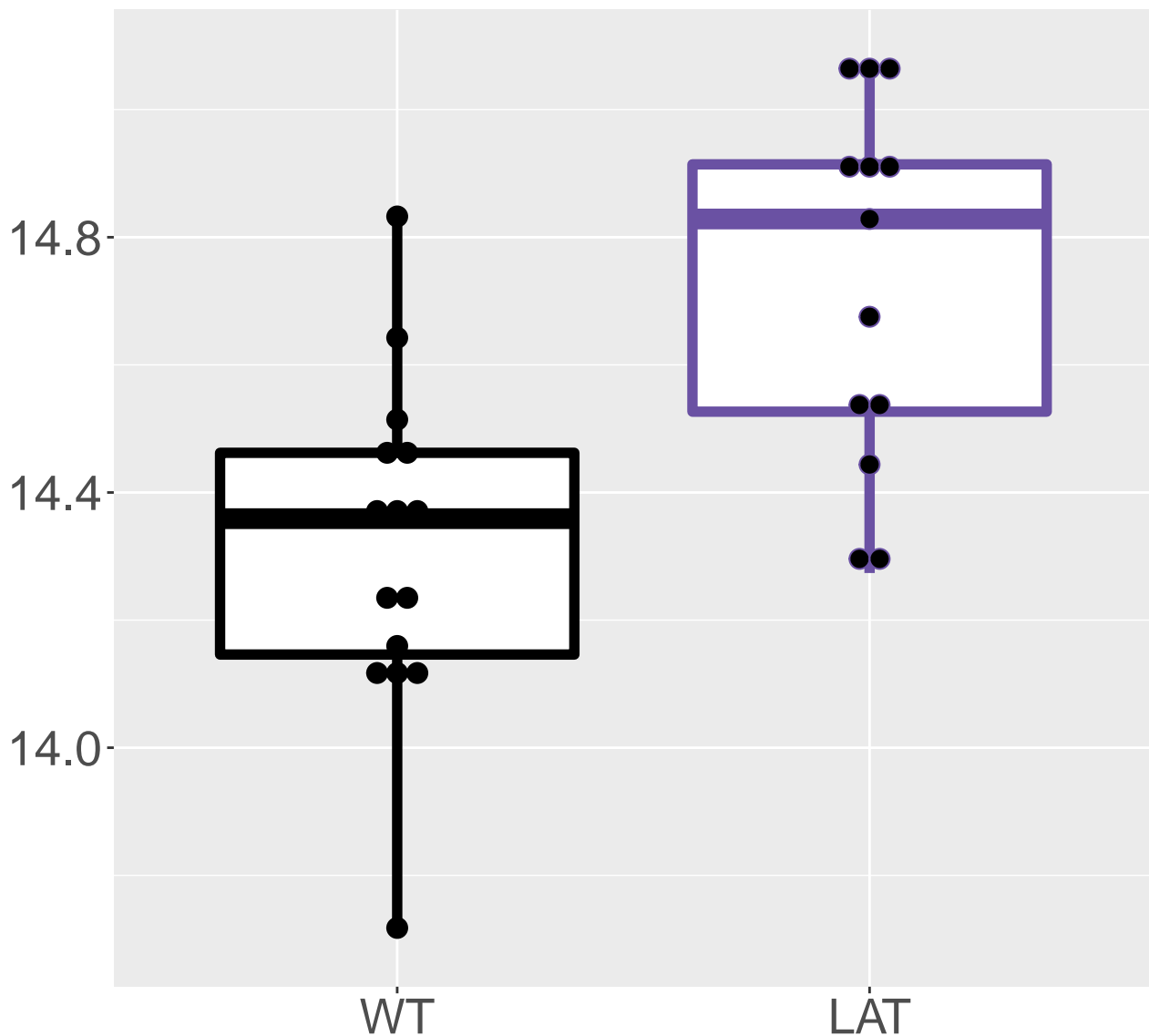
**M422.7988T1028.61**

**FDR = 0.0068, FC = 0.28**

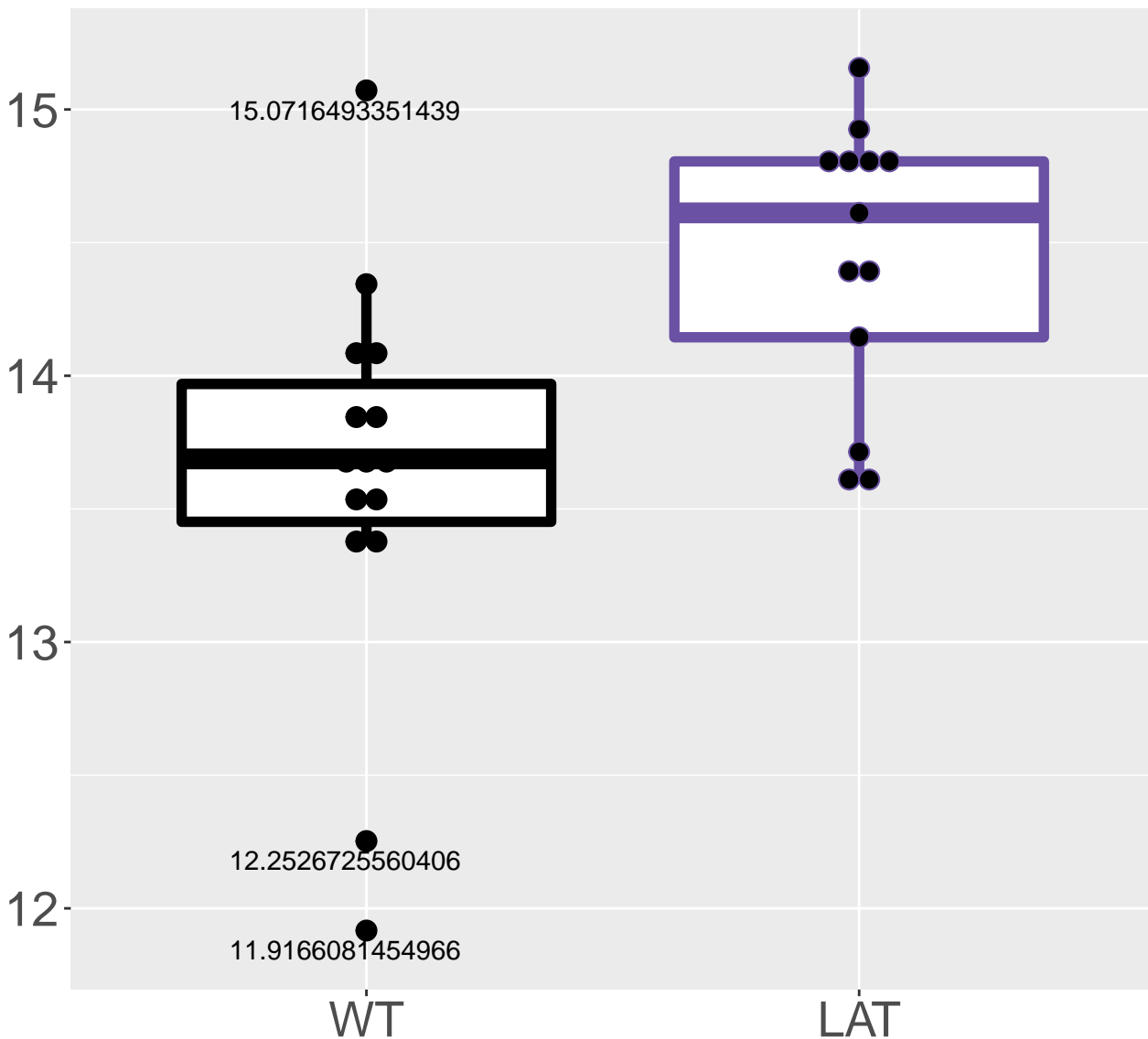


**M462.9167T993.64**

**FDR = 0.0069, FC = 0.42**

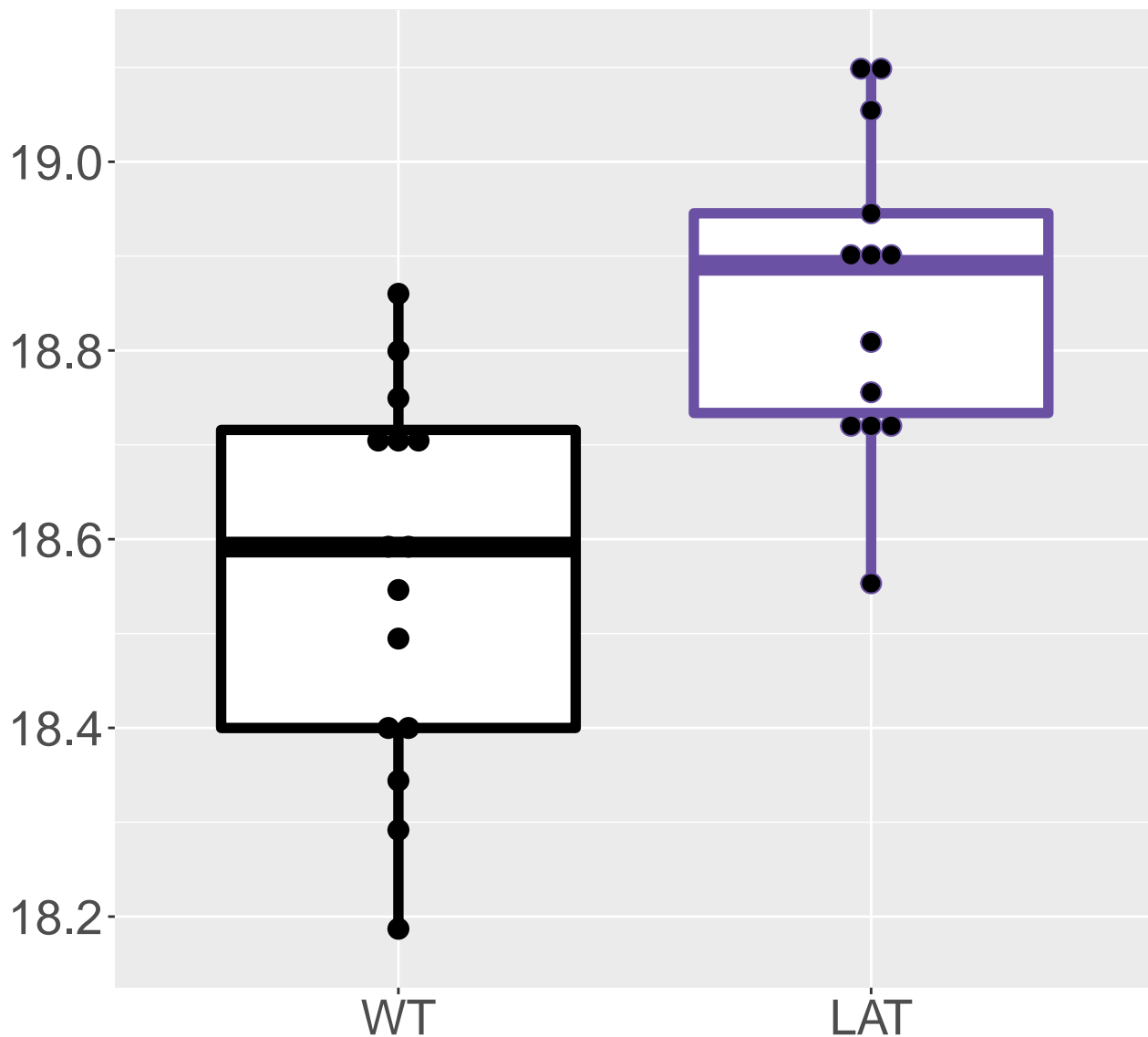


**M151.0402T515.6**  
**FDR = 0.0069, FC = 0.82**

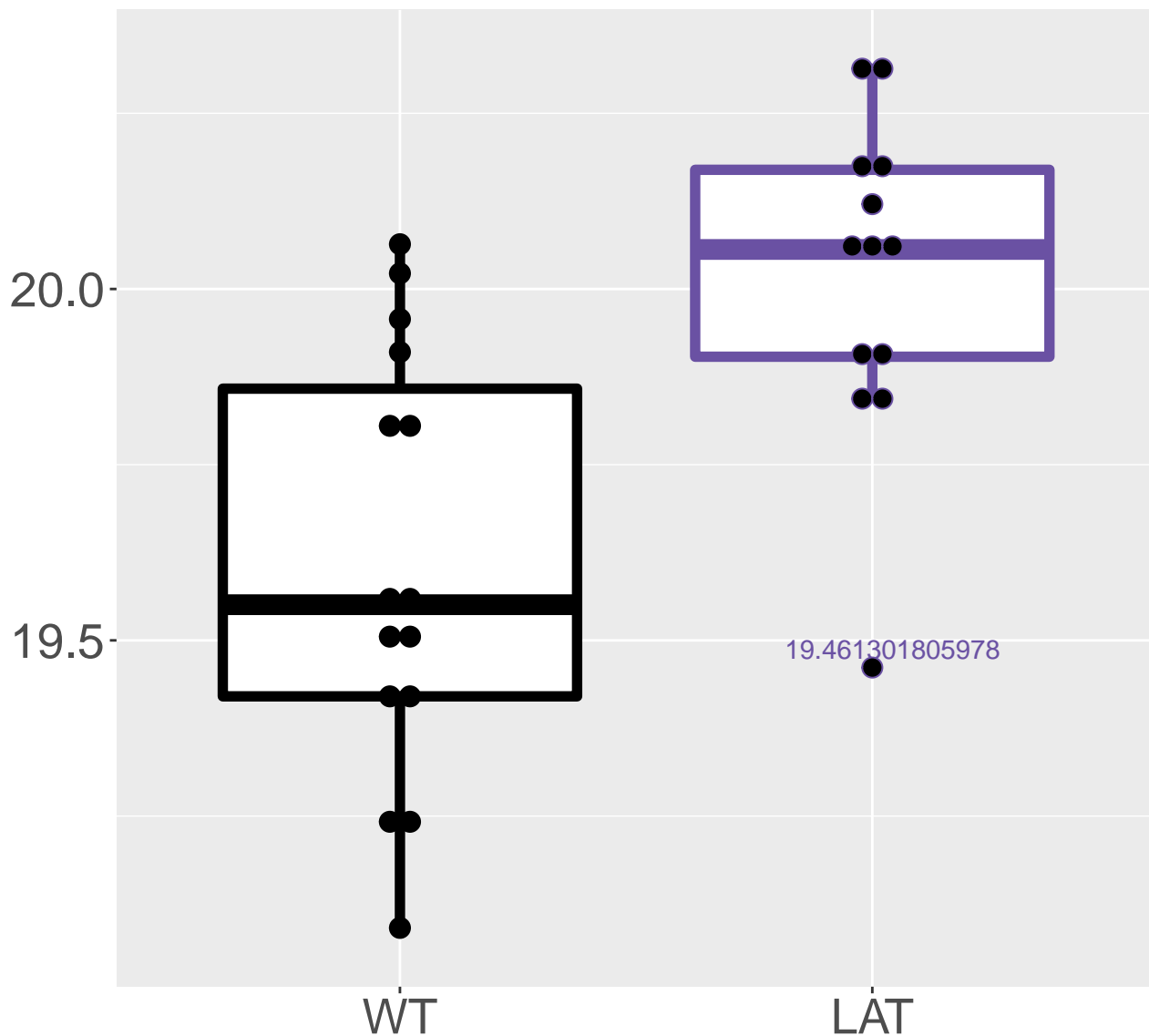


**M439.9035T993.75**

**FDR = 0.0069, FC = 0.3**

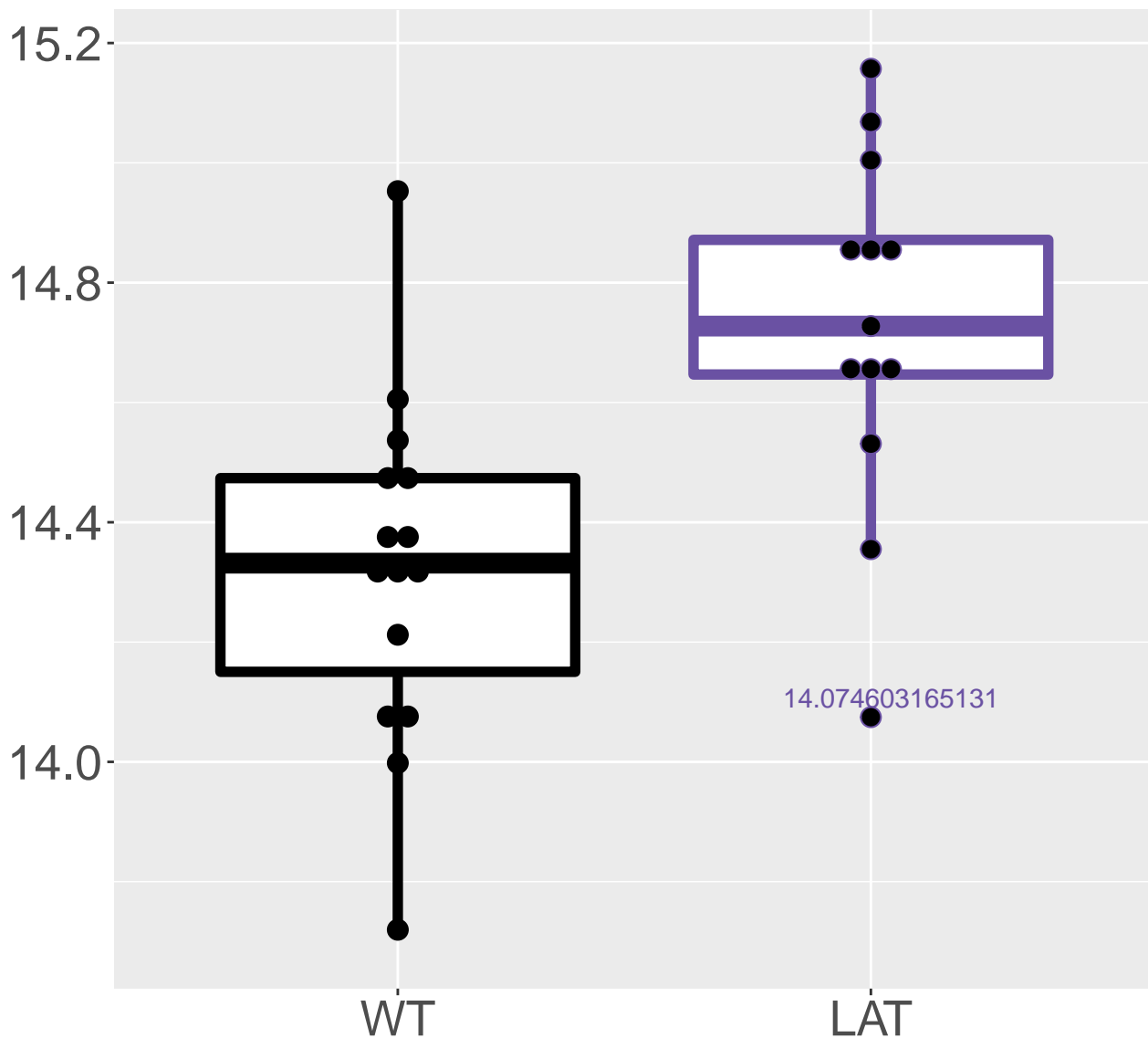


**M195.9764T433.96**  
**FDR = 0.007, FC = 0.41**



**M259.9221T1028.27**

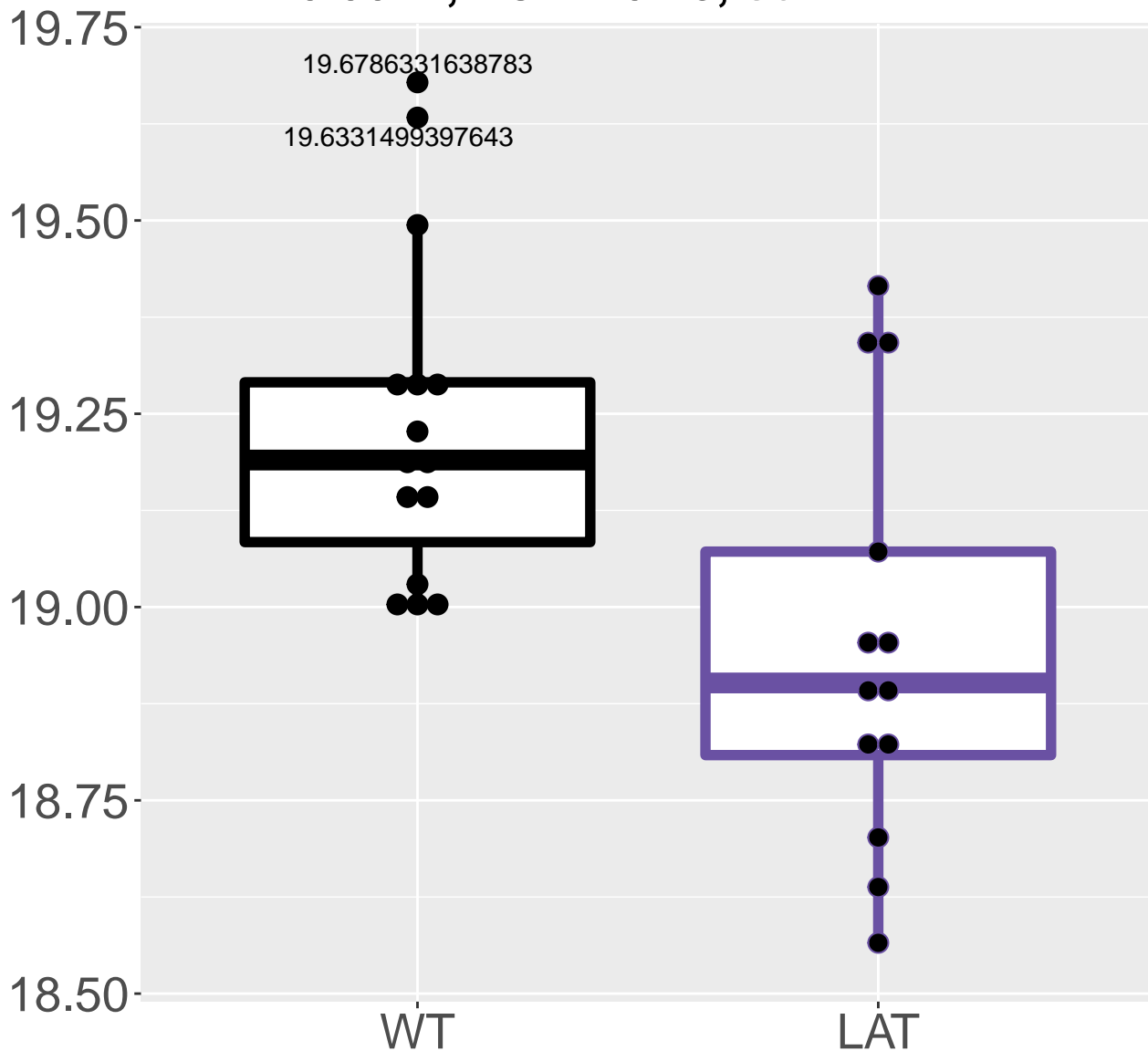
**FDR = 0.0071, FC = 0.41, sex\***



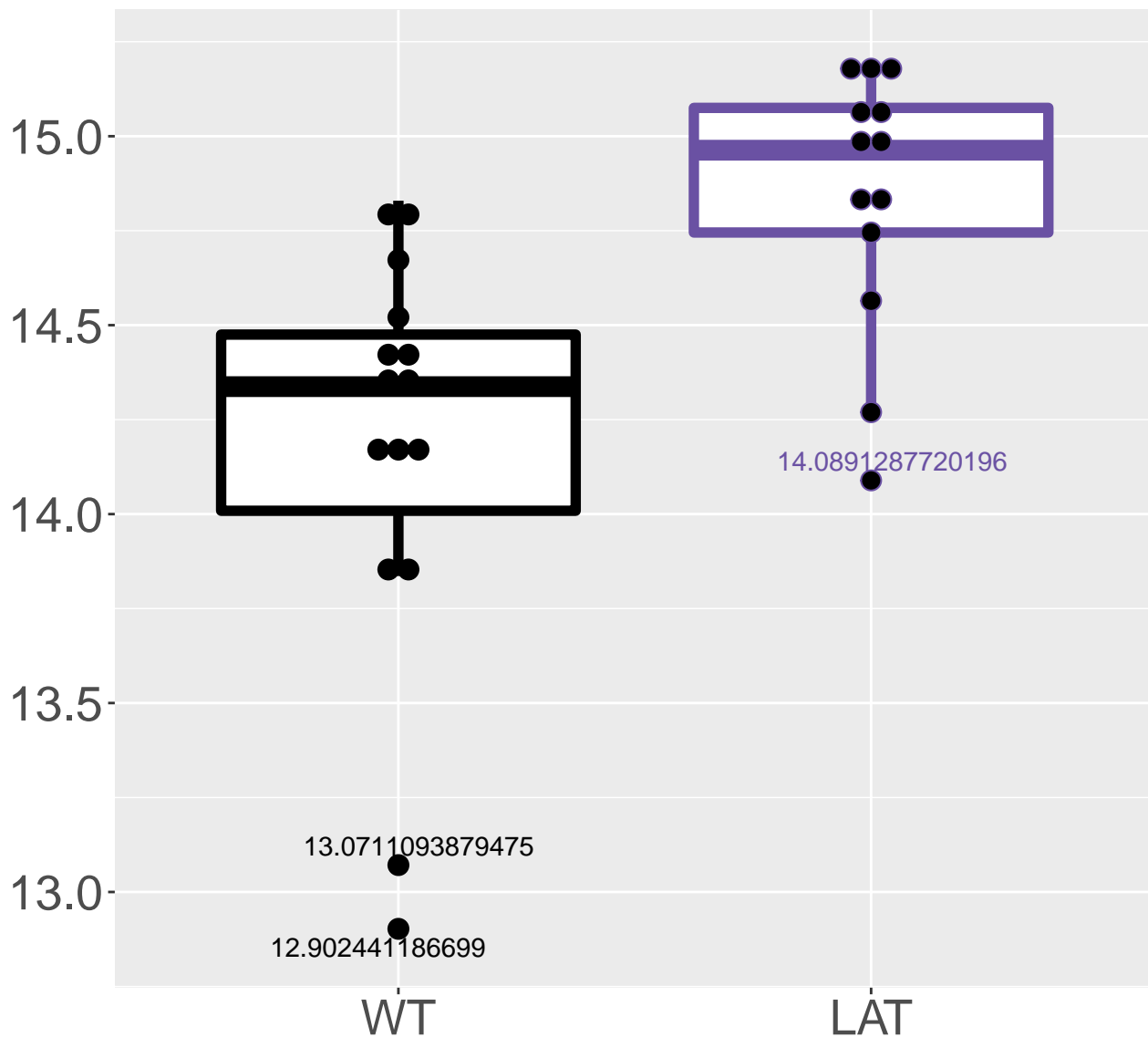


**M820.5718T75.7**

**FDR = 0.0071, FC = -0.28, sex\*\***

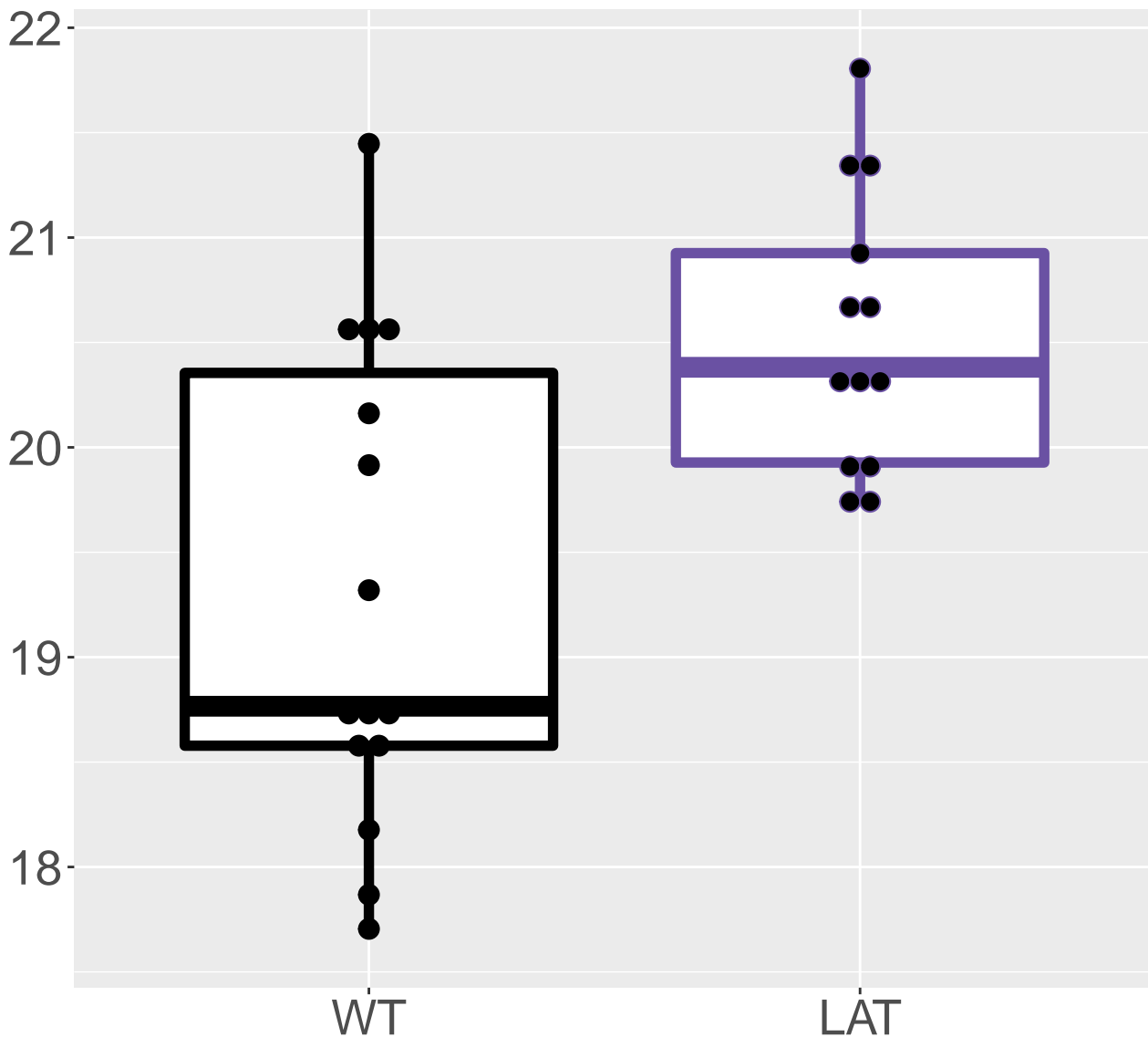


**M423.3799T993.37**  
**FDR = 0.0071, FC = 0.68**

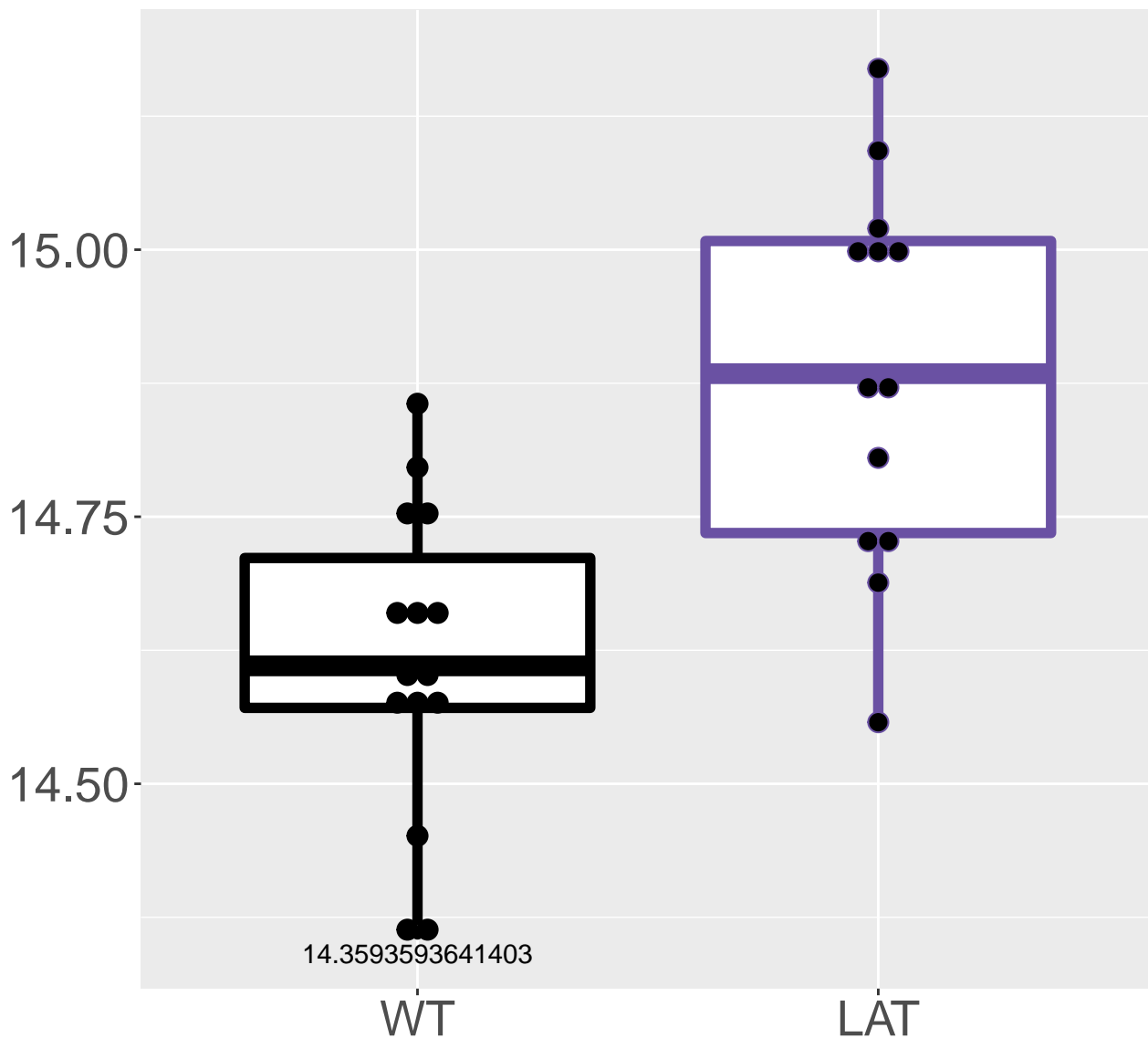


**M233.0307T638.57**

**FDR = 0.0072, FC = 1.2, sex\***

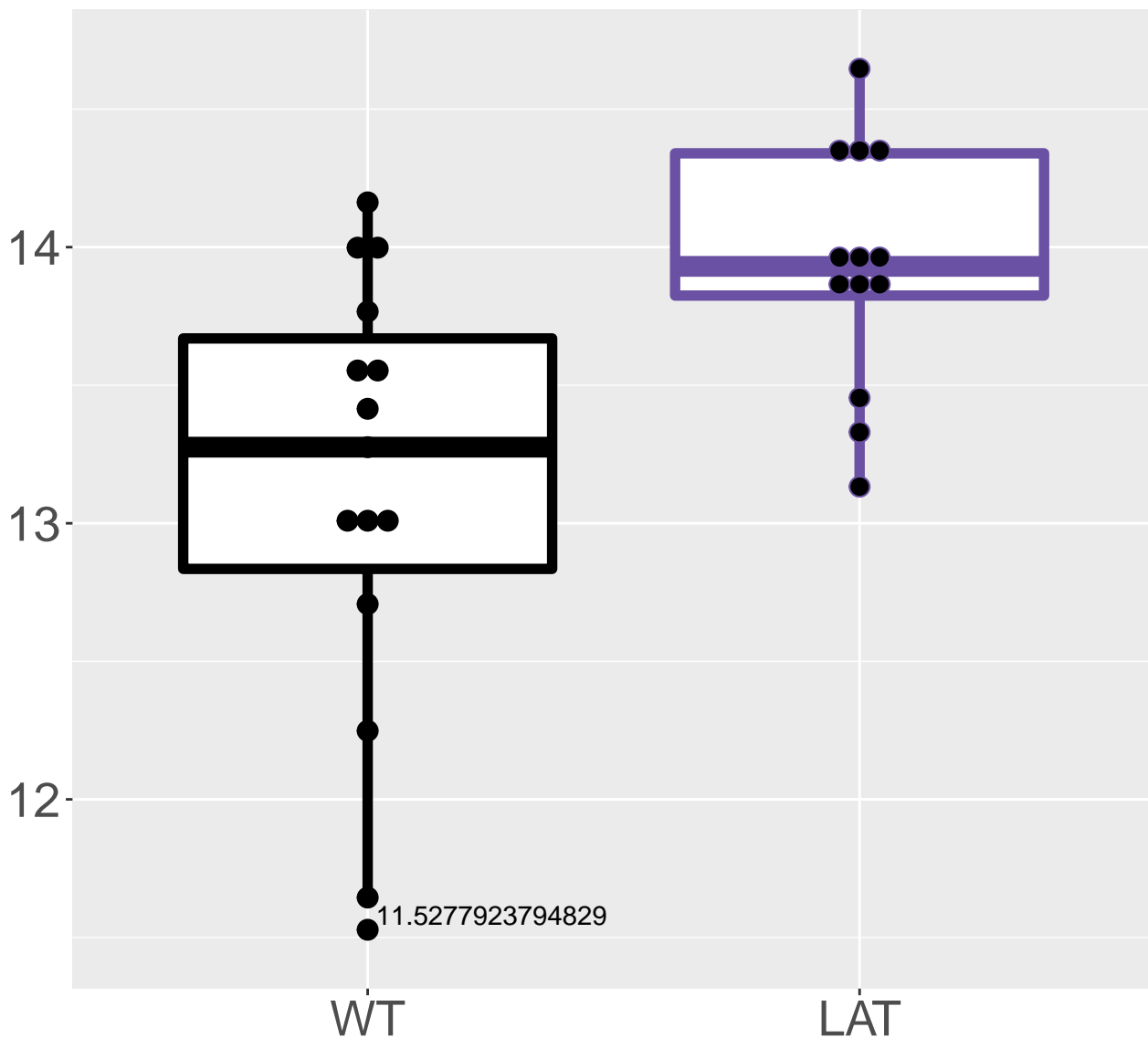


**FDR = 0.0072, FC = 0.27**

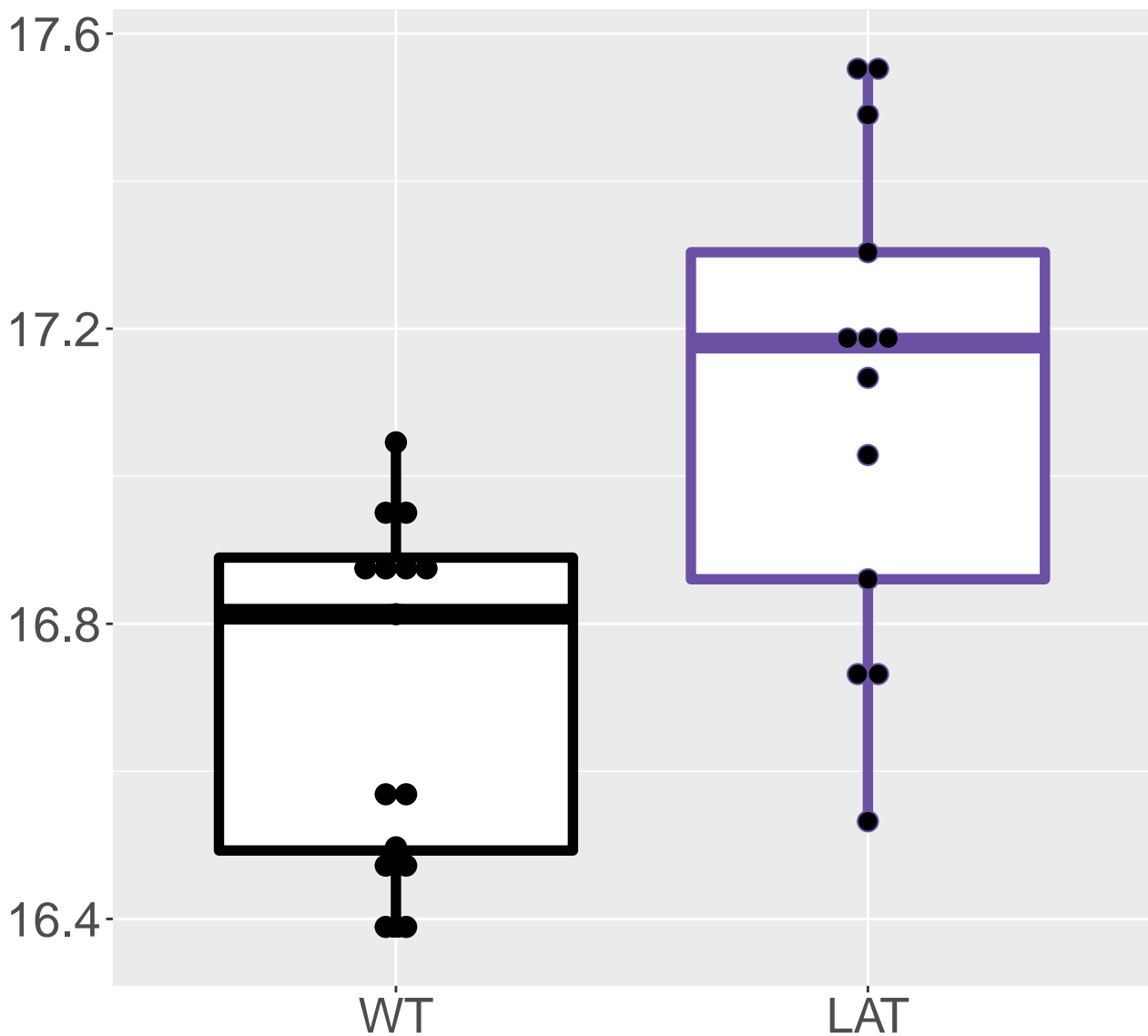


**M259.0576T492.14**

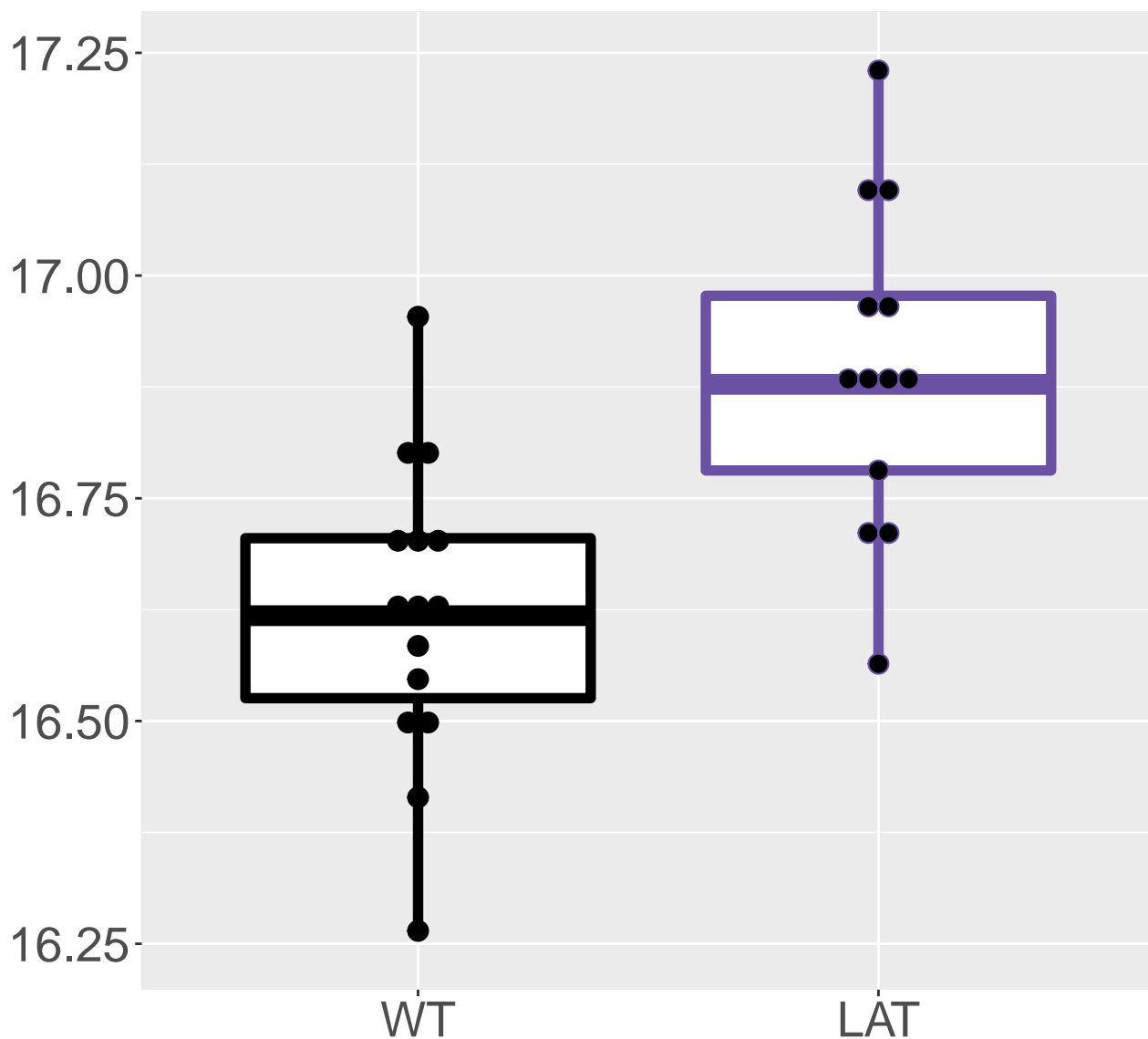
**FDR = 0.0072, FC = 0.8**



**5-Hydroxymethylfurfural;5-(Hydroxymethyl)furfural**  
**FDR = 0.0073, FC = 0.41**

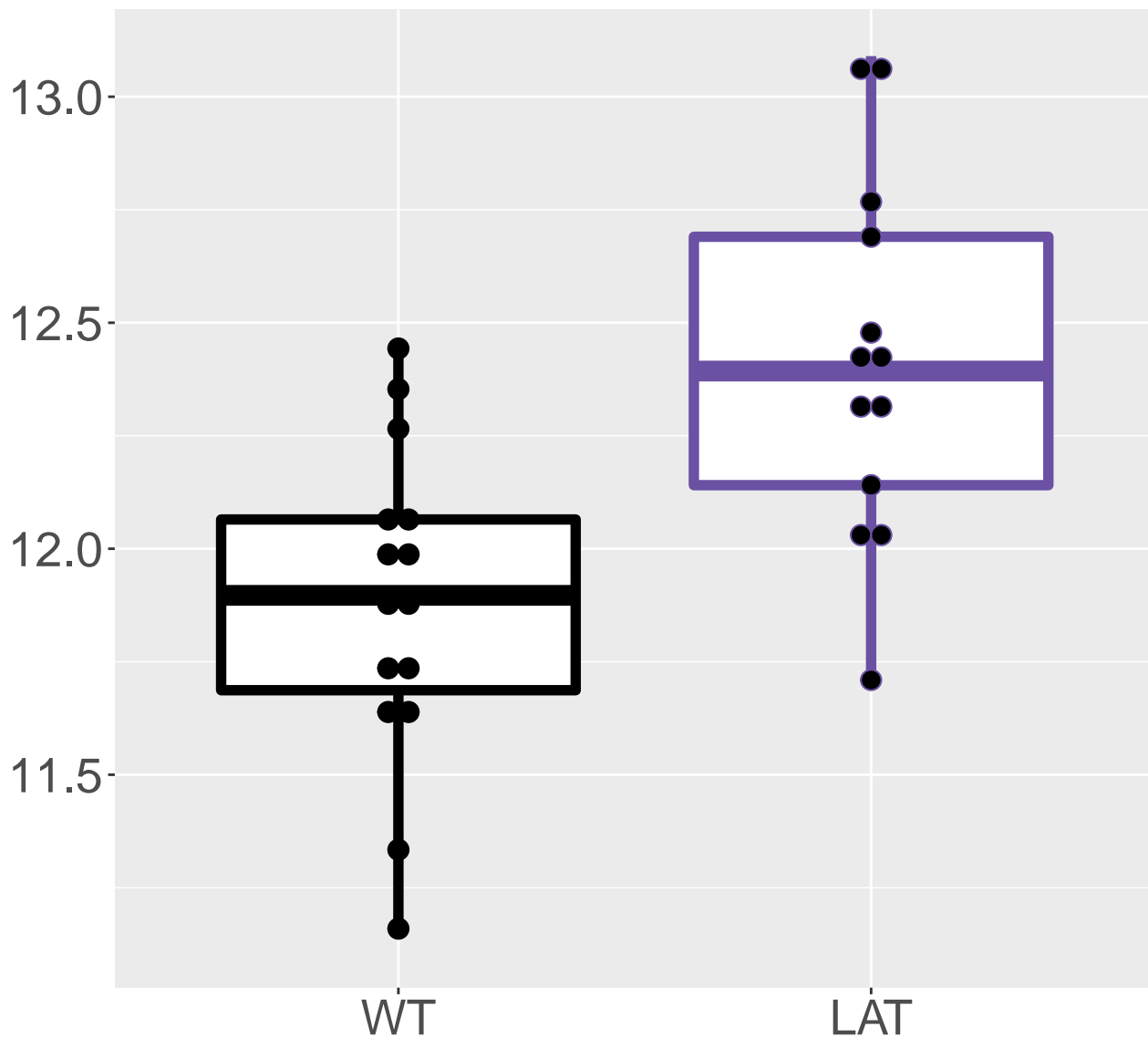


**M276.8542T1027.87**  
**FDR = 0.0074, FC = 0.27**



**M400.7903T1025.97**

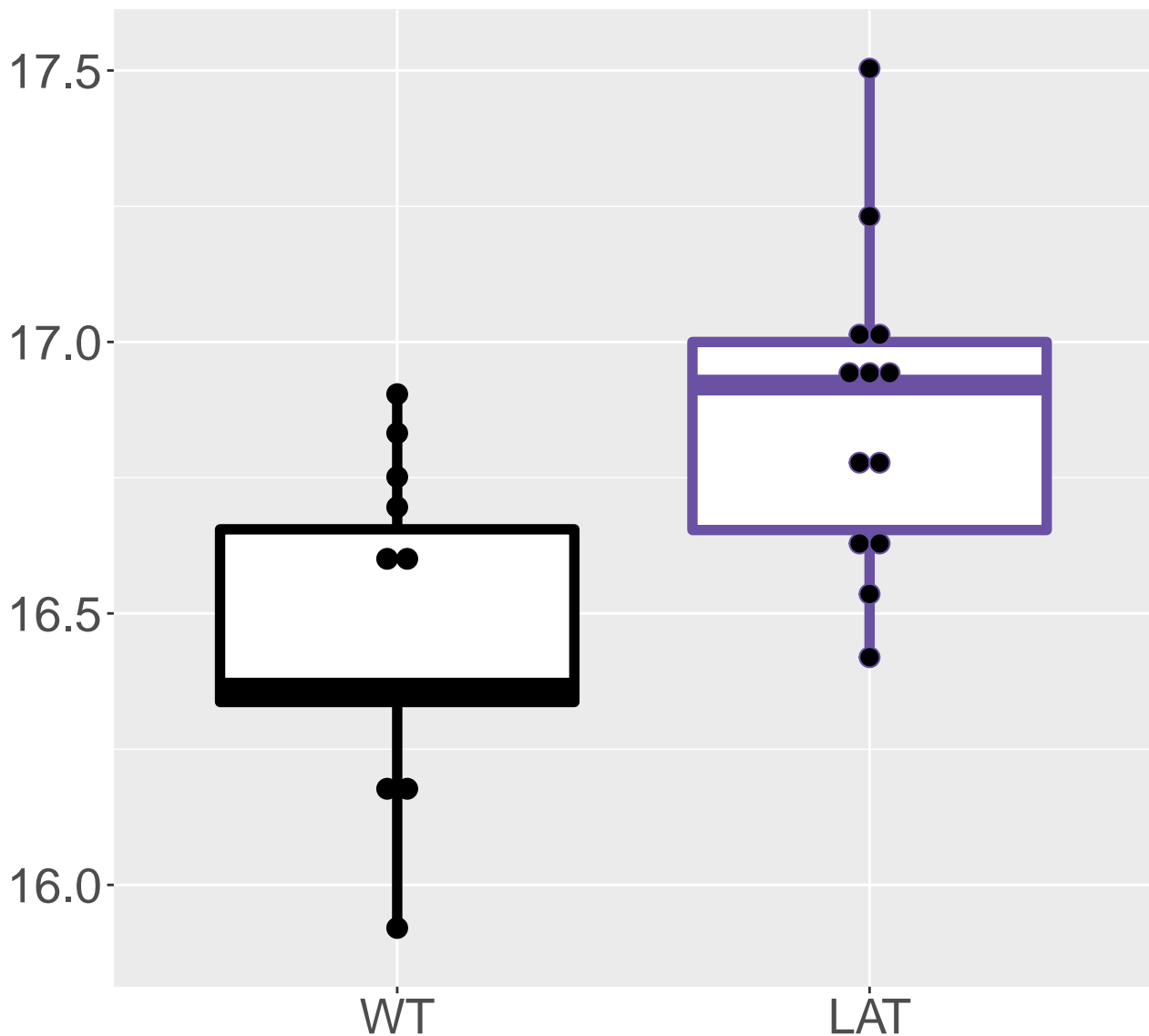
**FDR = 0.0077, FC = 0.54**





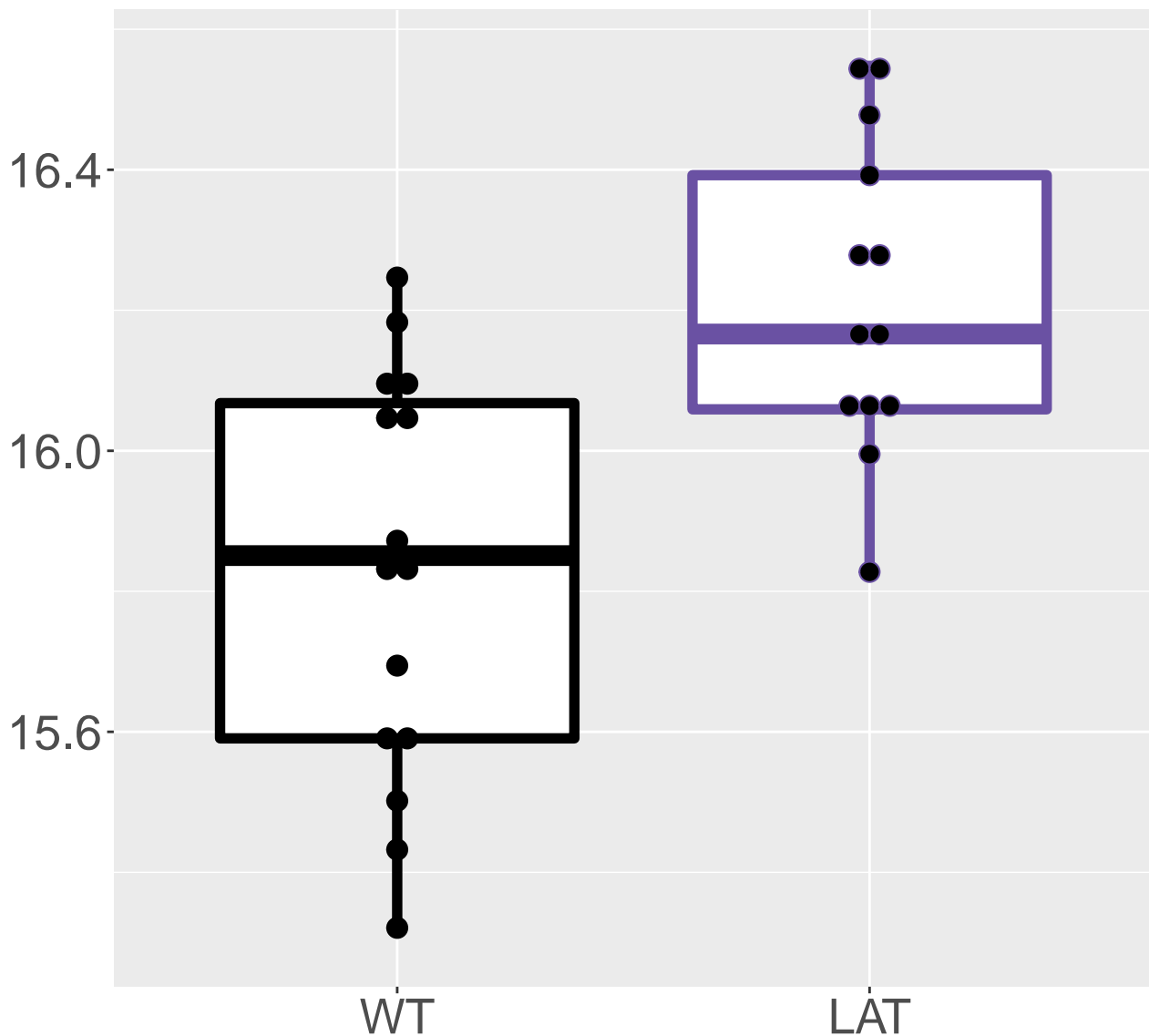
**M278.0999T217.12**

**FDR = 0.0077, FC = 0.42**

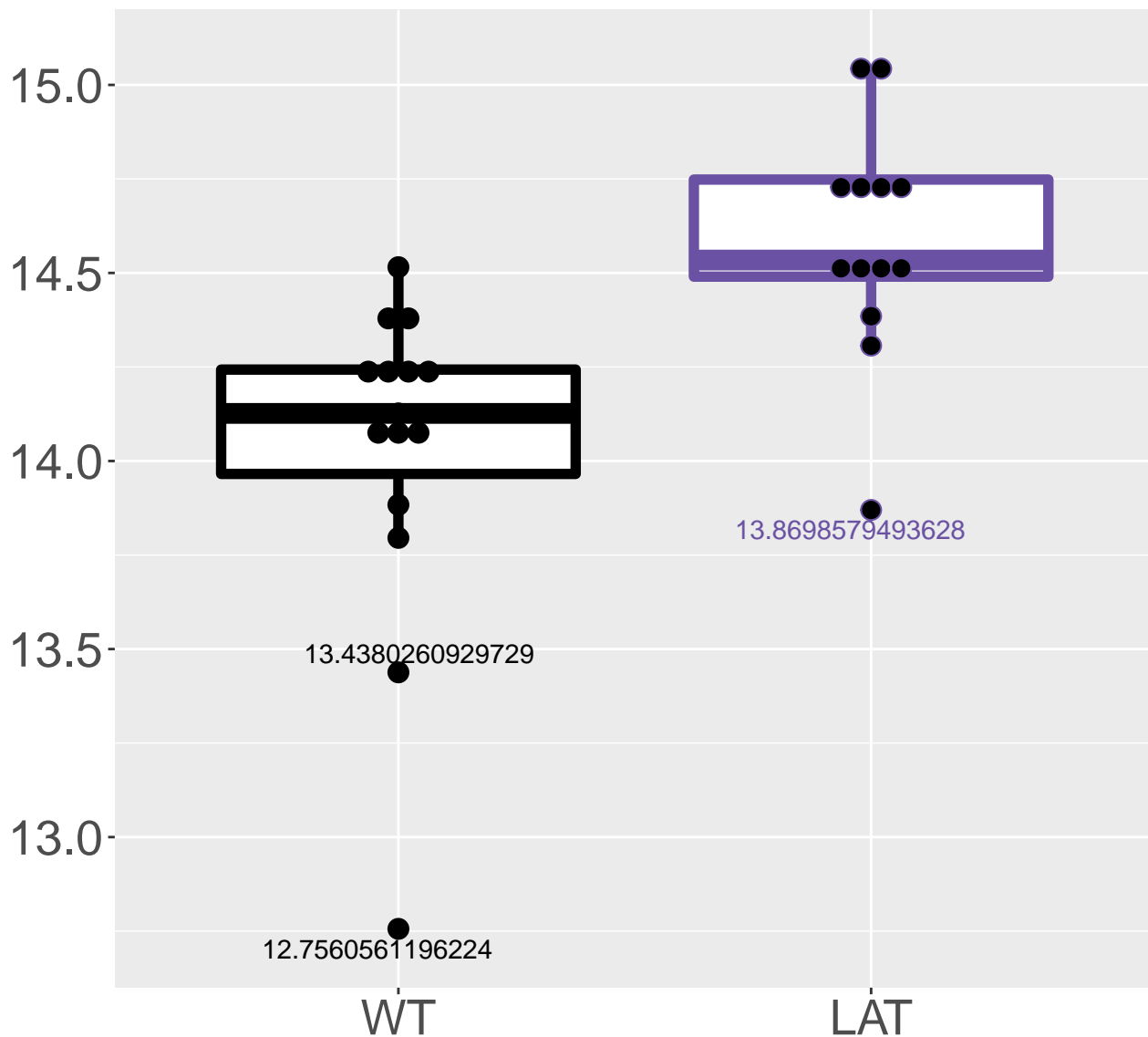


**M522.9018T993.75**

**FDR = 0.0077, FC = 0.39**

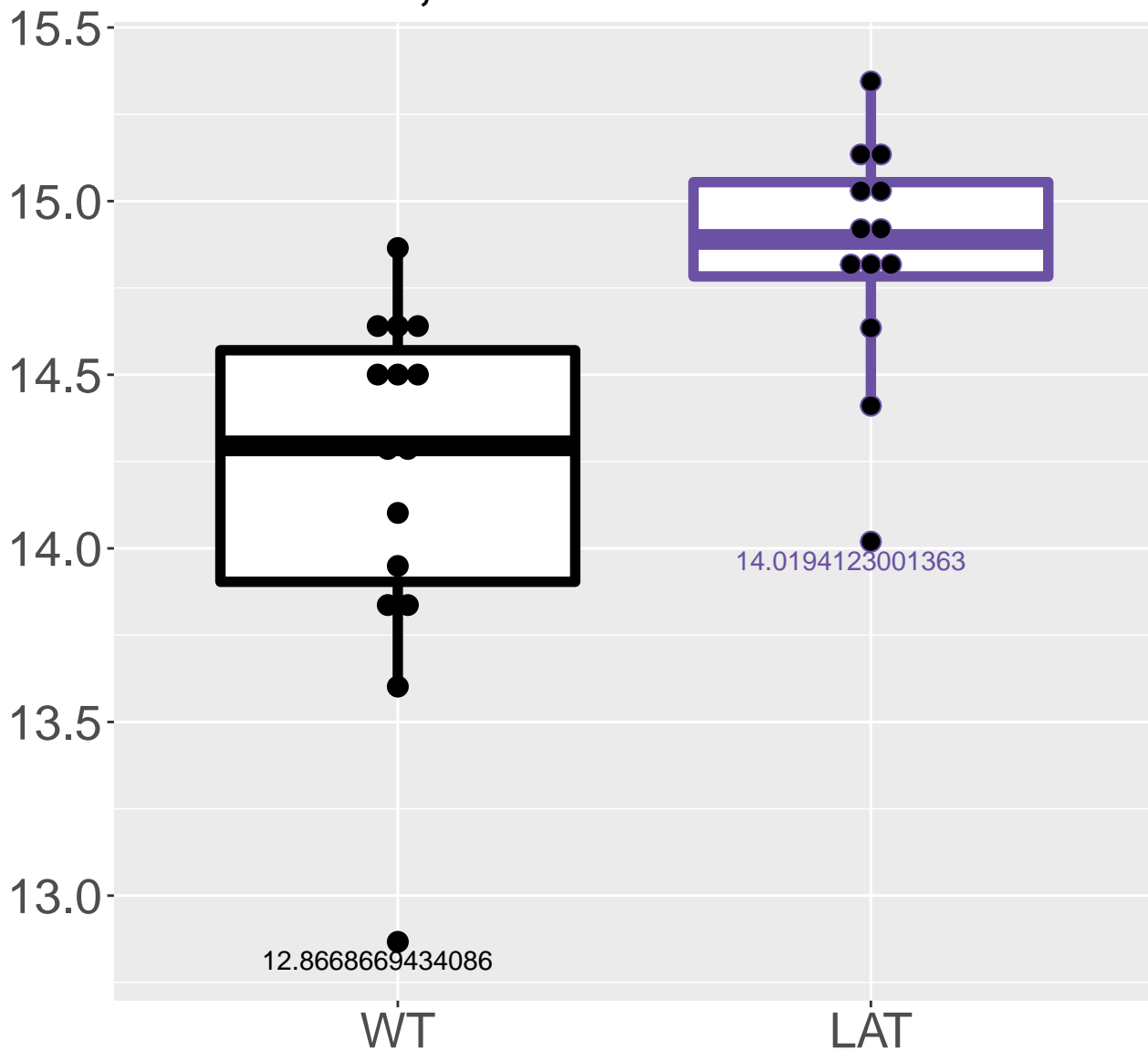


**M461.9055T993.65\_2**  
**FDR = 0.0079, FC = 0.56**

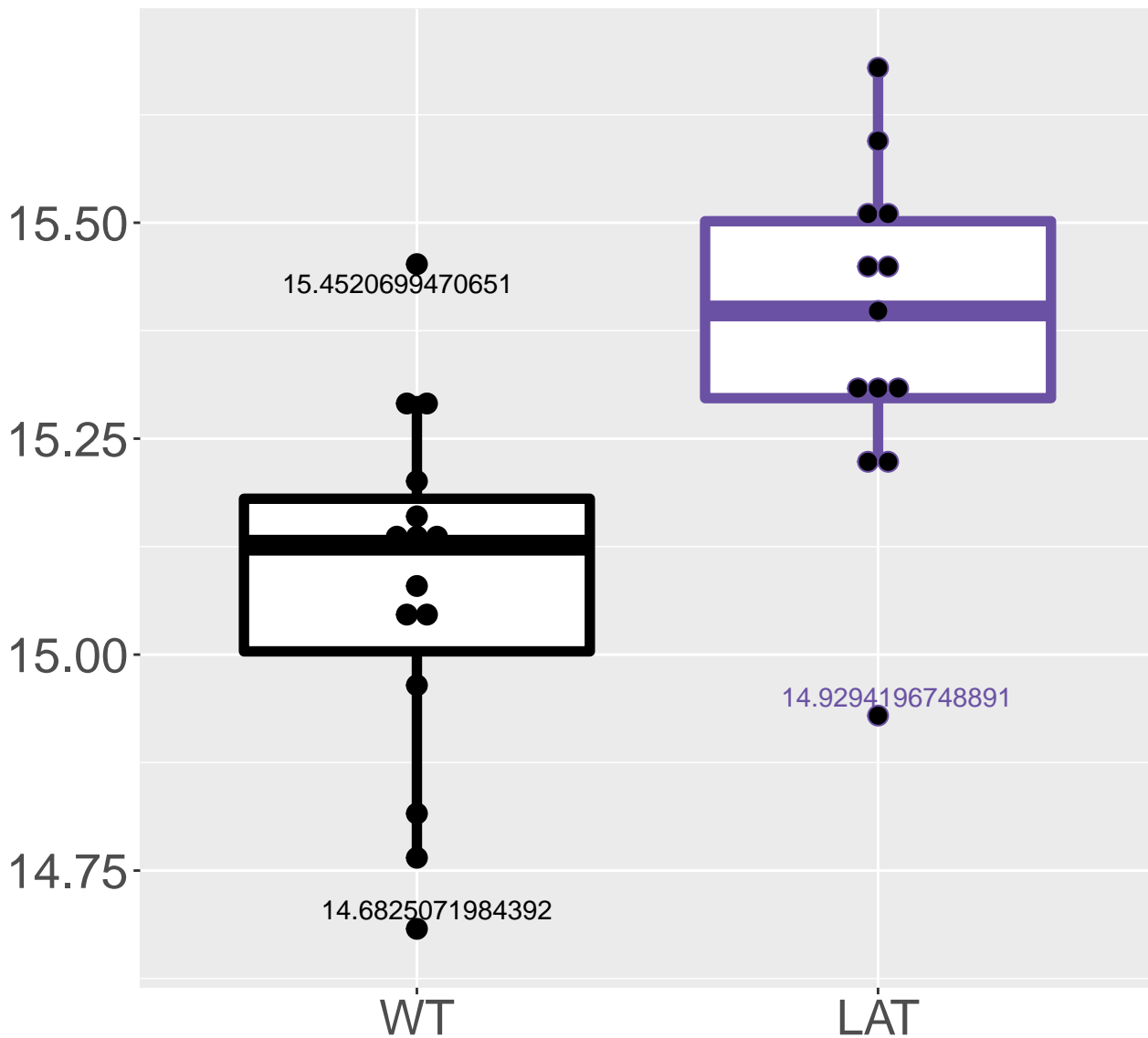


**M515.359T993.39\_2**

**FDR = 0.0081, FC = 0.64**

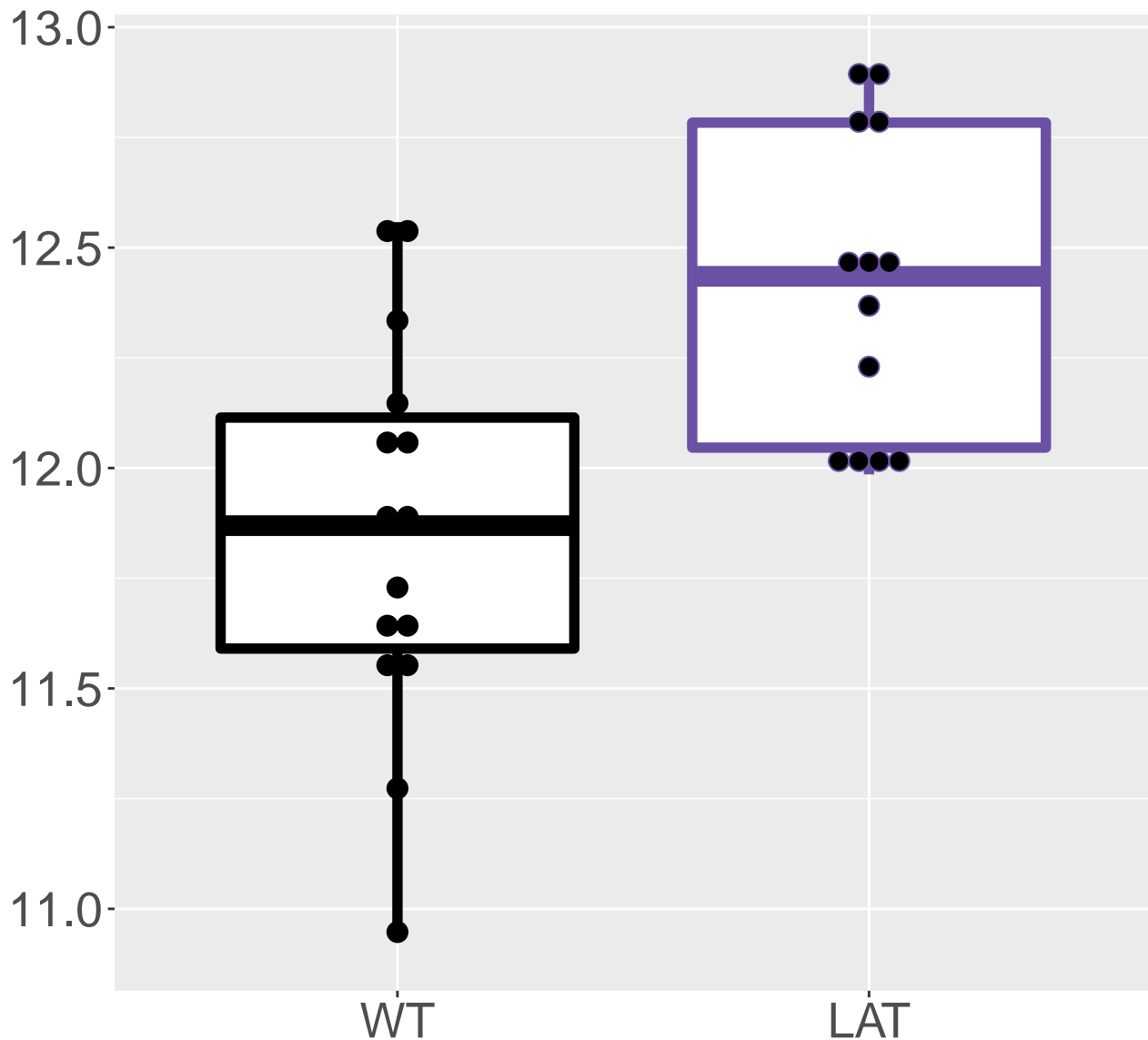


**M458.7568T1028.87**  
**FDR = 0.0081, FC = 0.3**



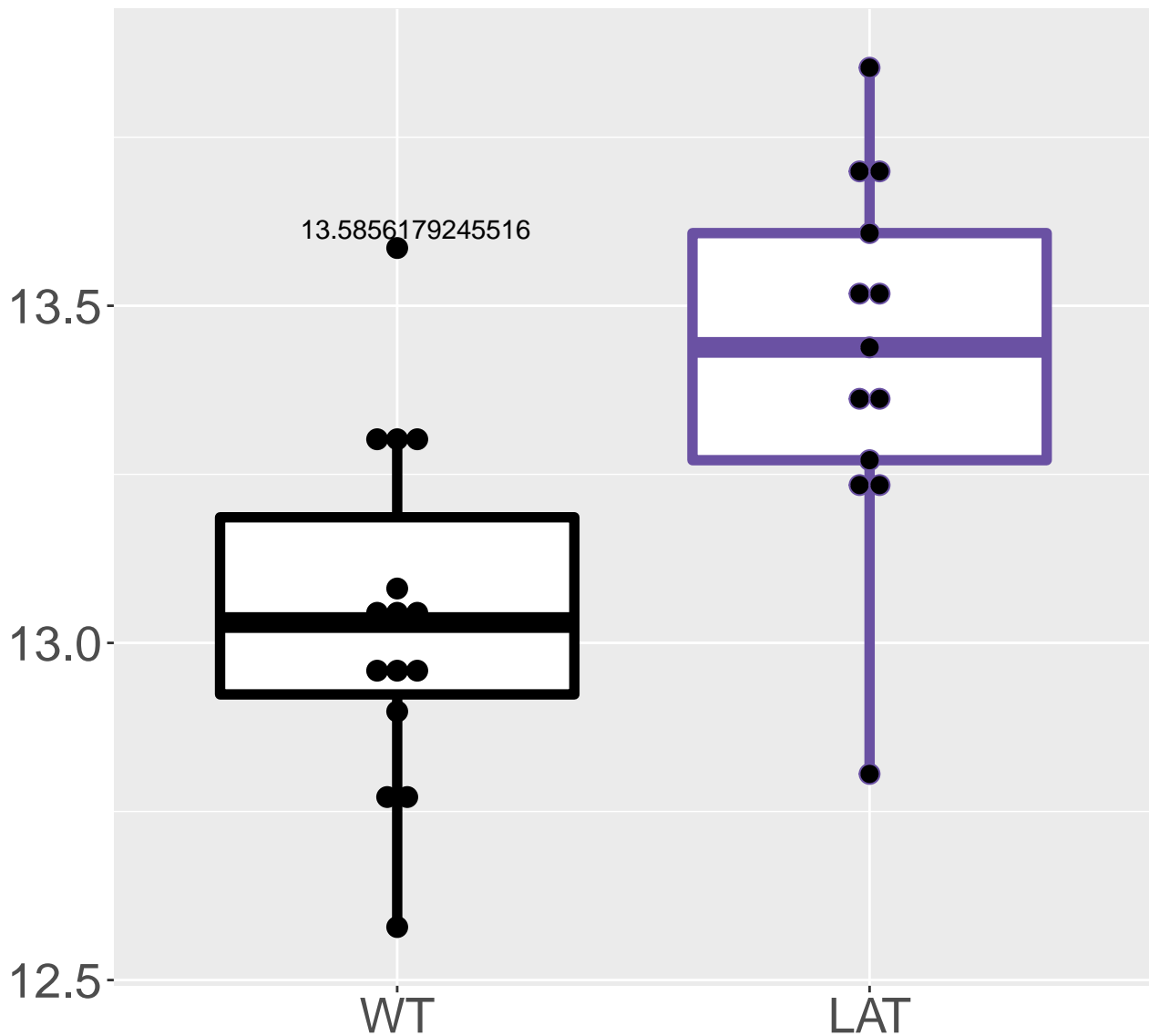
**M466.7625T1023.78**

**FDR = 0.0082, FC = 0.57**



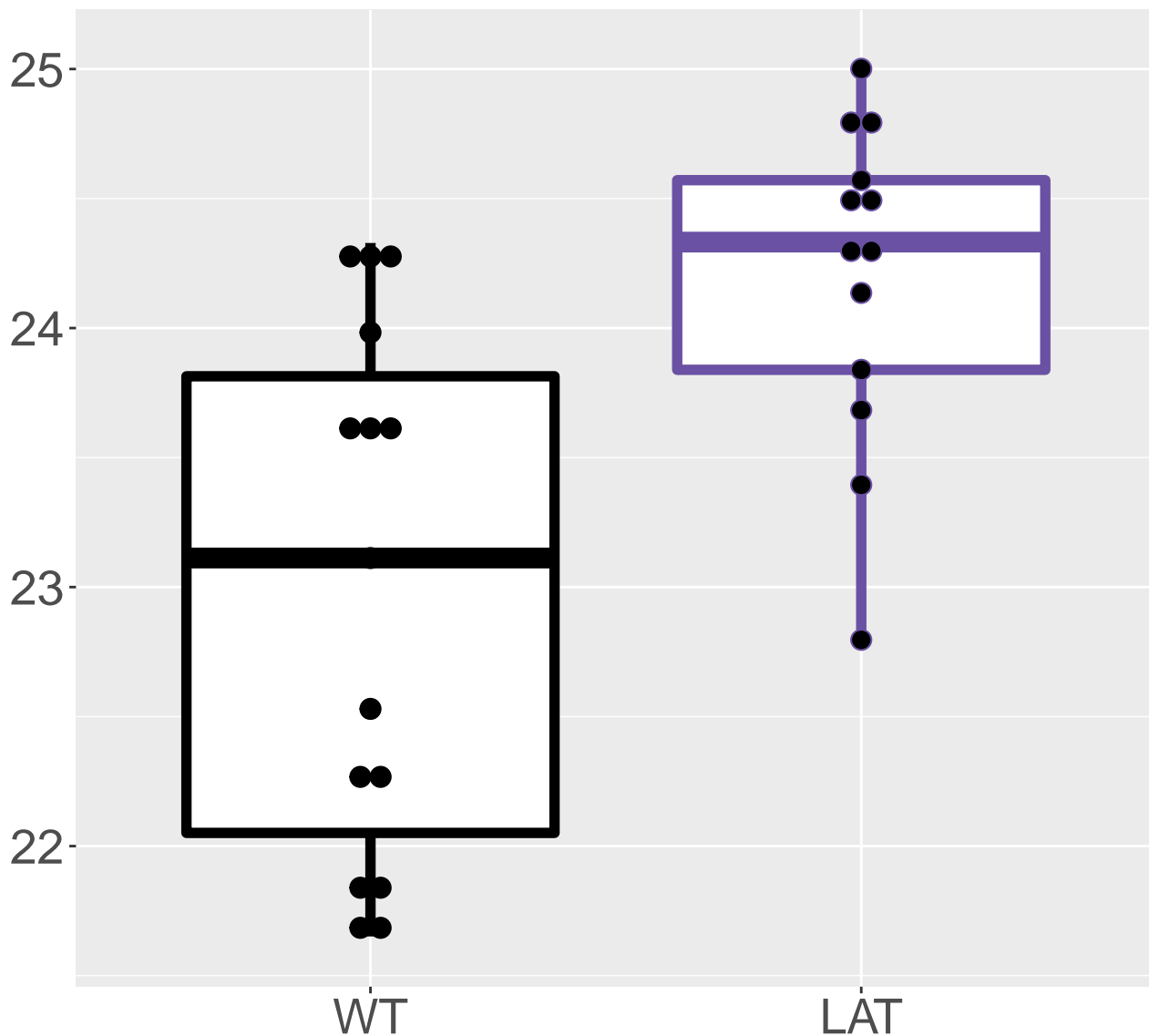
**M580.695T1027.62**

**FDR = 0.0082, FC = 0.39**



**M217.0486T444.49**

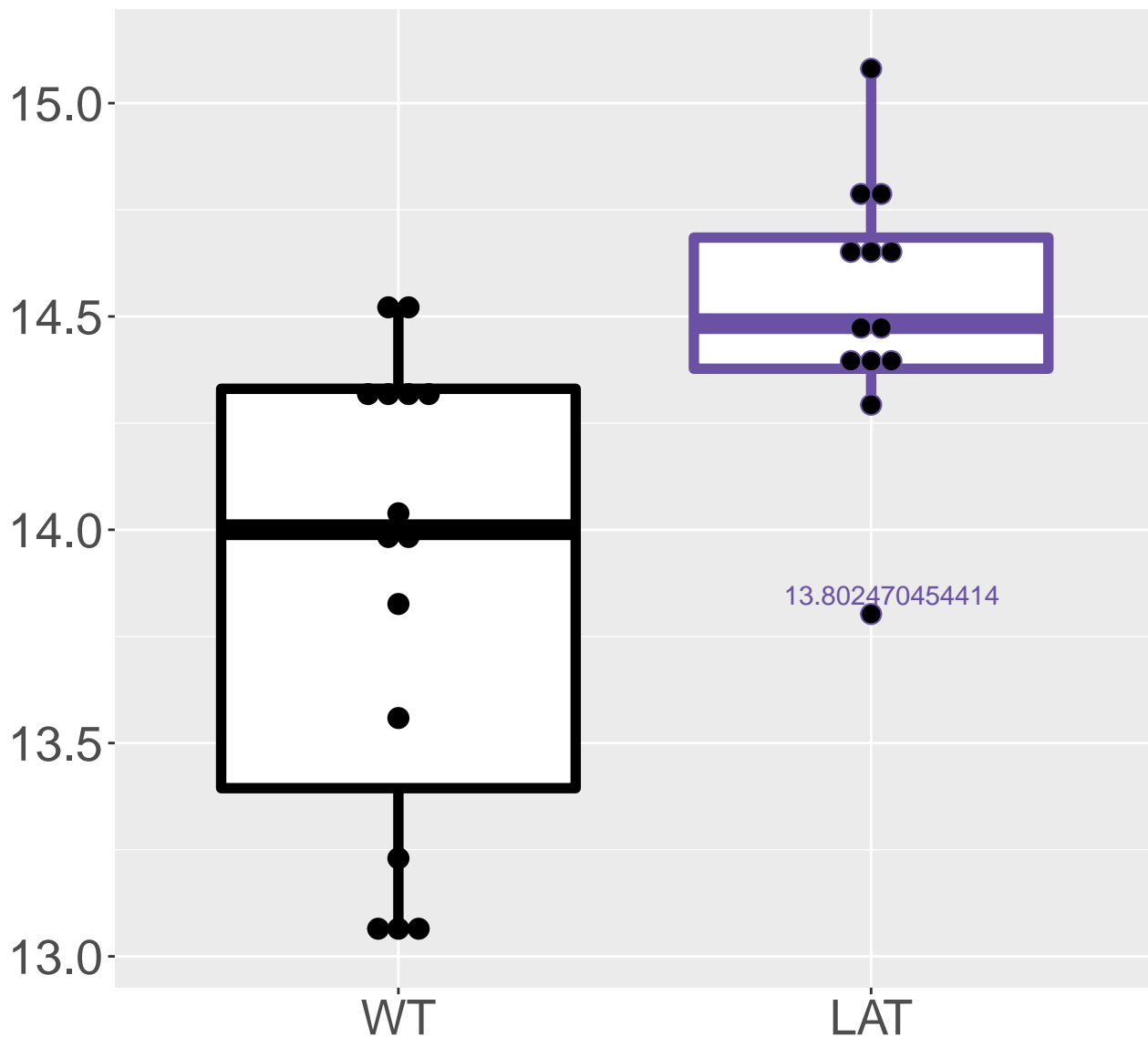
**FDR = 0.0083, FC = 1.2**





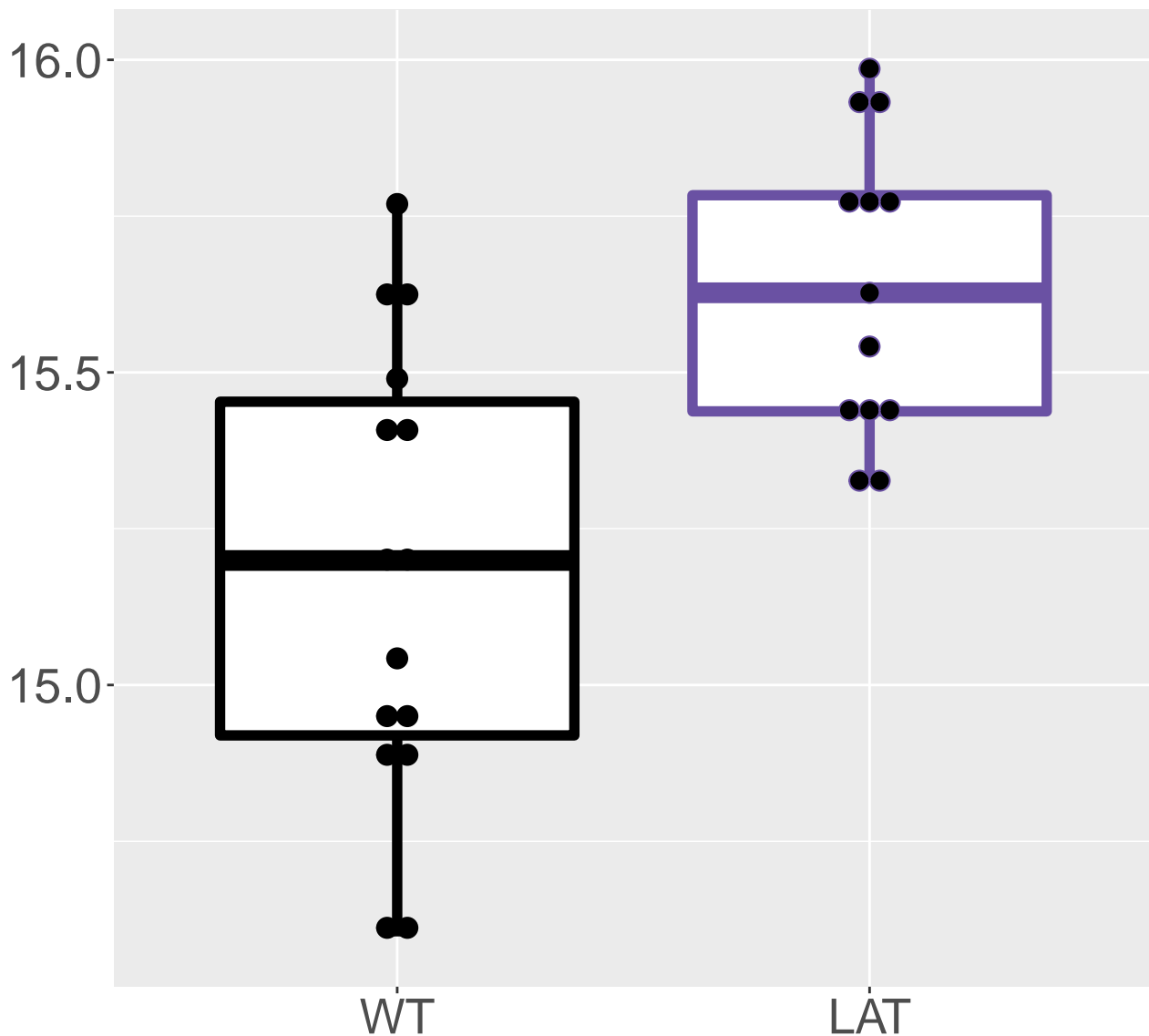
**M369.1237T496.43**

**FDR = 0.0083, FC = 0.65**



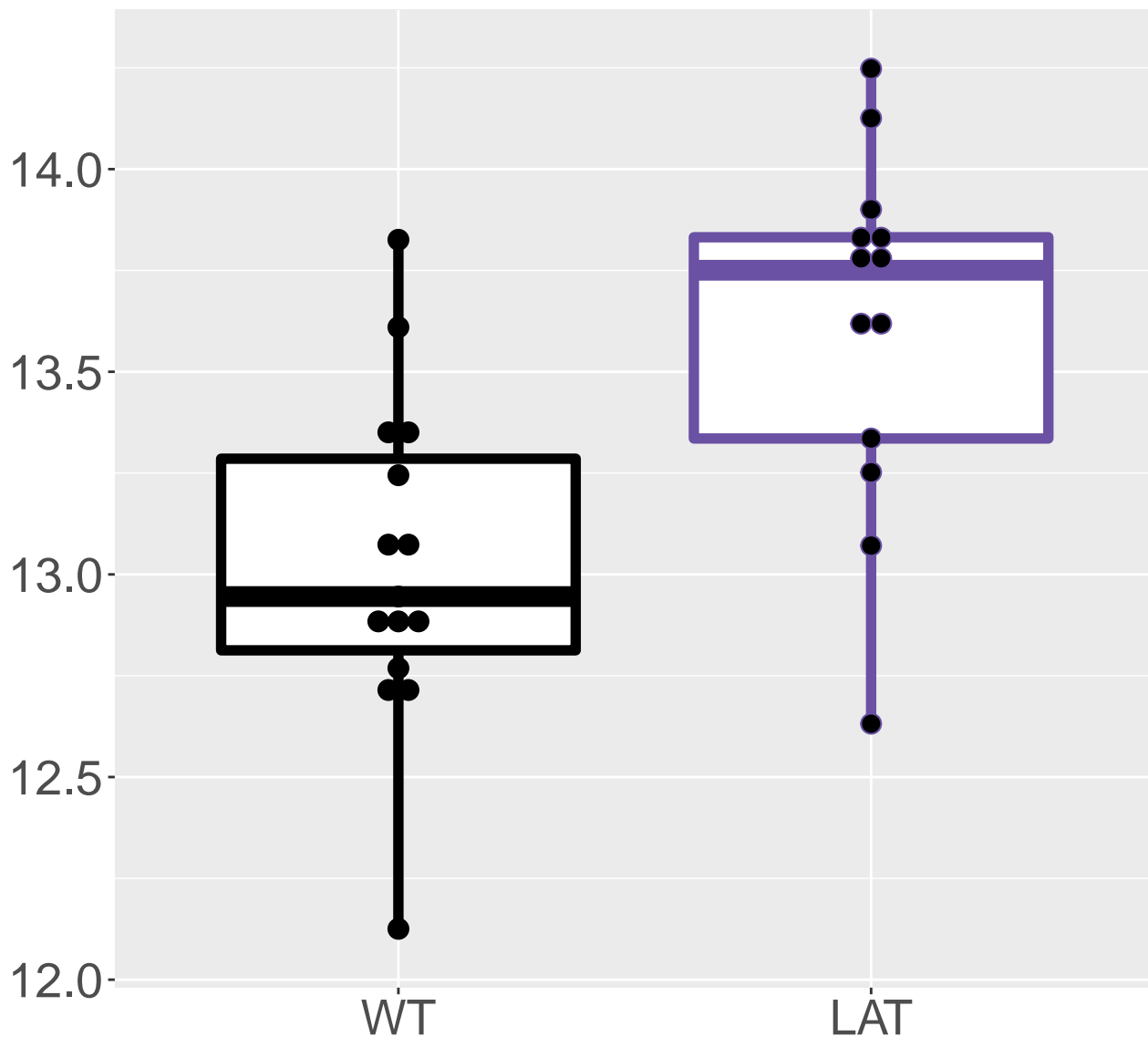
**M466.9841T434.24**

**FDR = 0.0083, FC = 0.46**



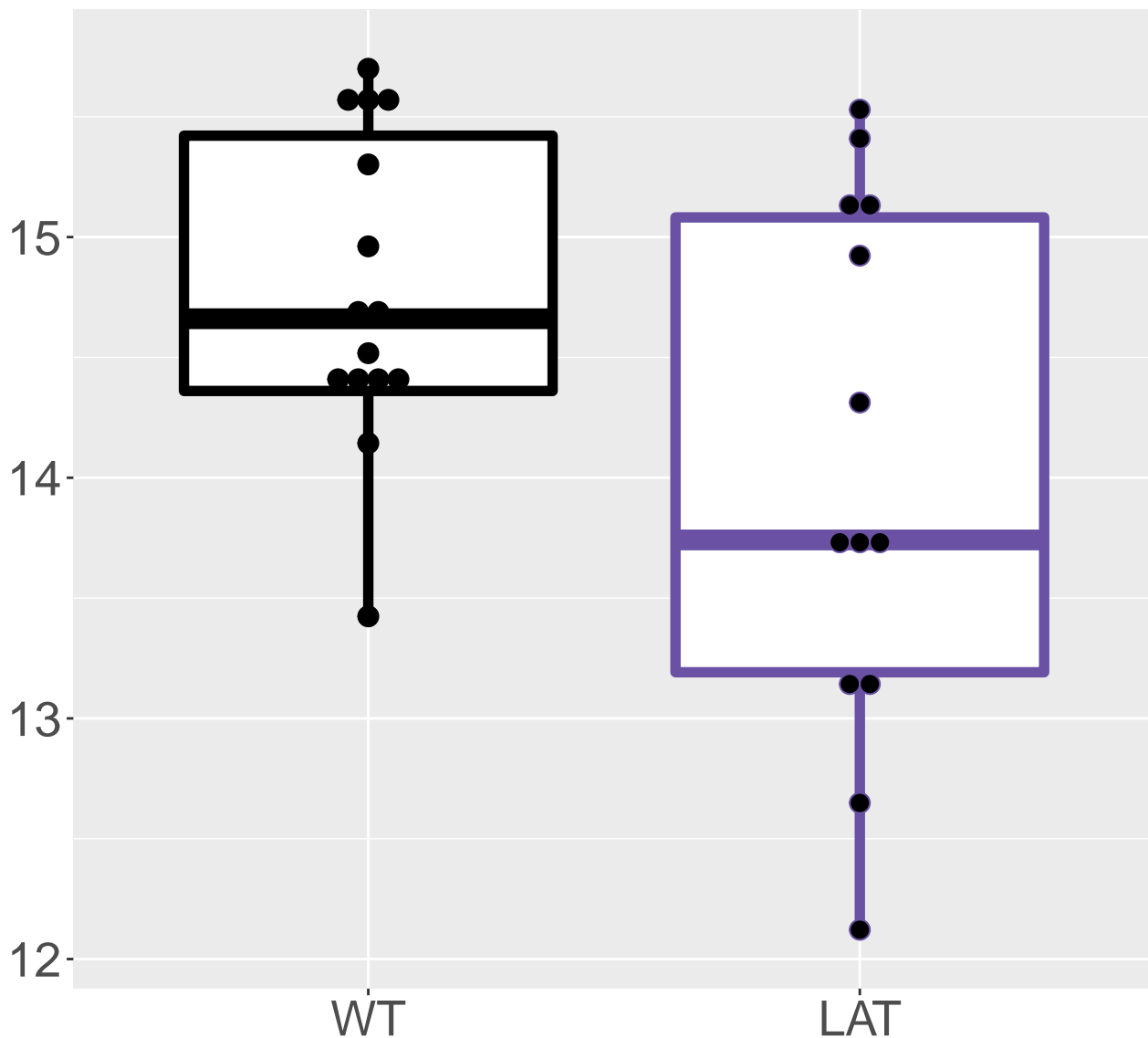
**M79.0114T512.28**

**FDR = 0.0084, FC = 0.59**

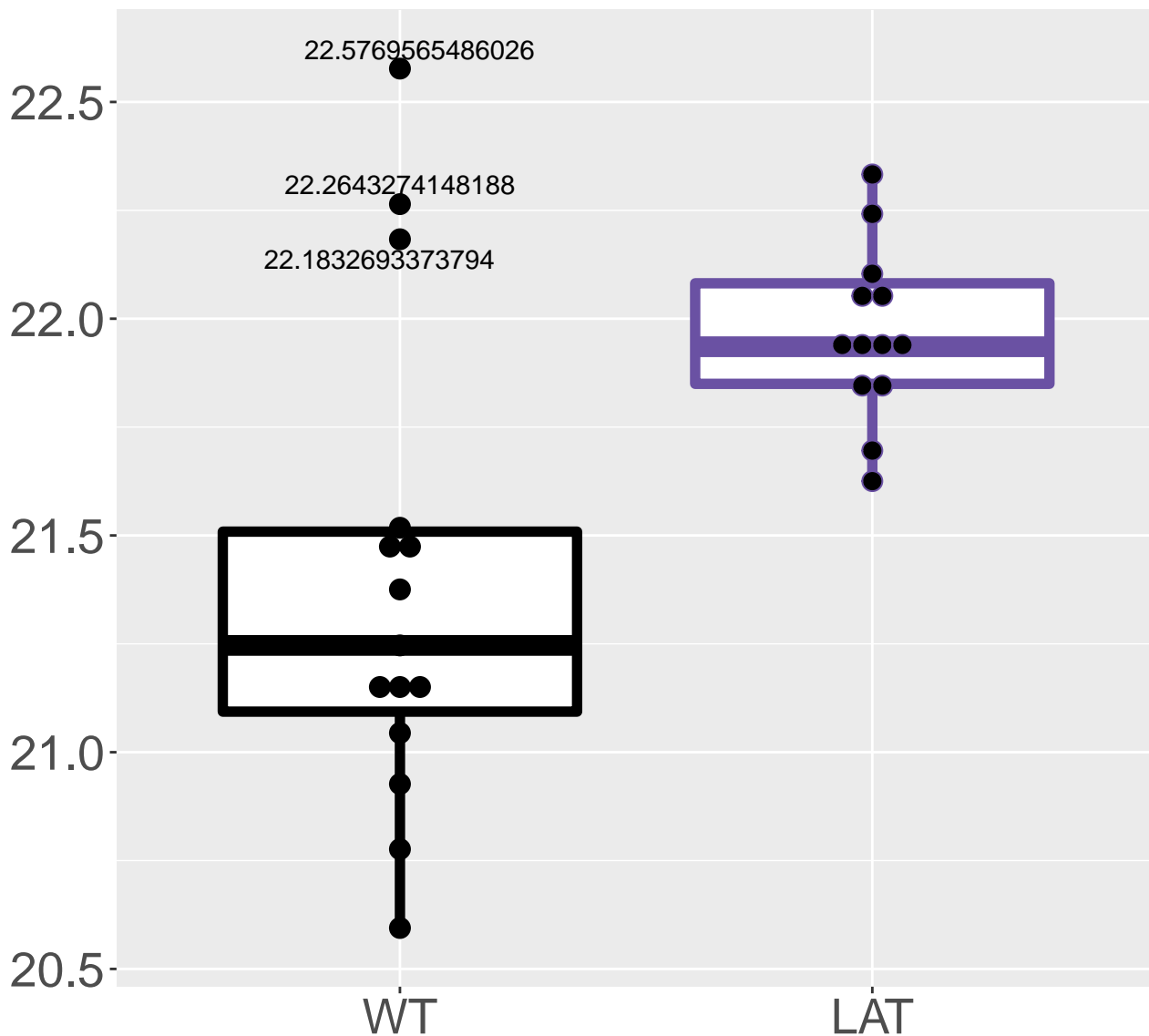


**M542.3478T88.54**

**FDR = 0.0084, FC = -0.73, sex\*\*\***

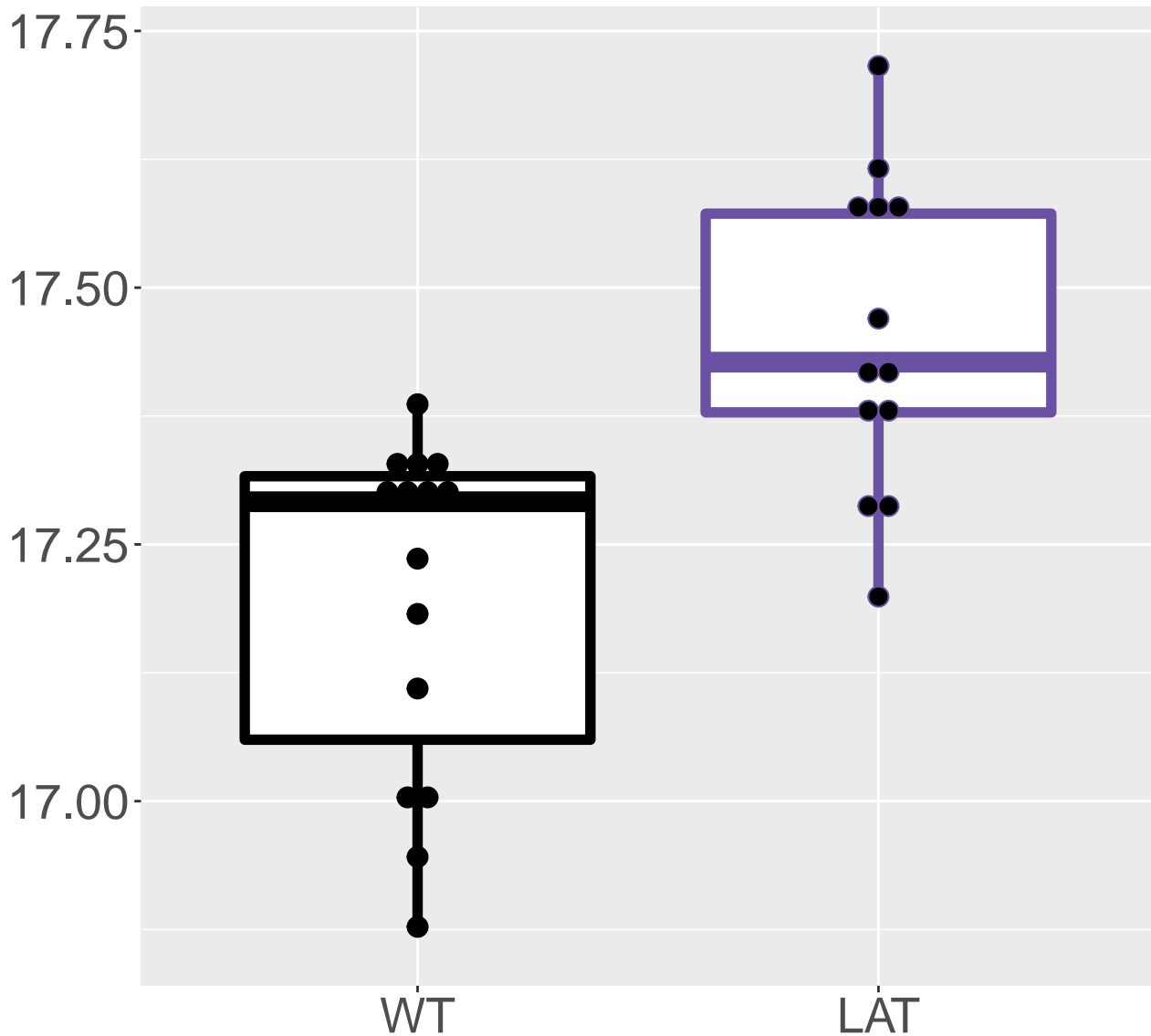


**FDR = 0.0087, FC = 0.57**



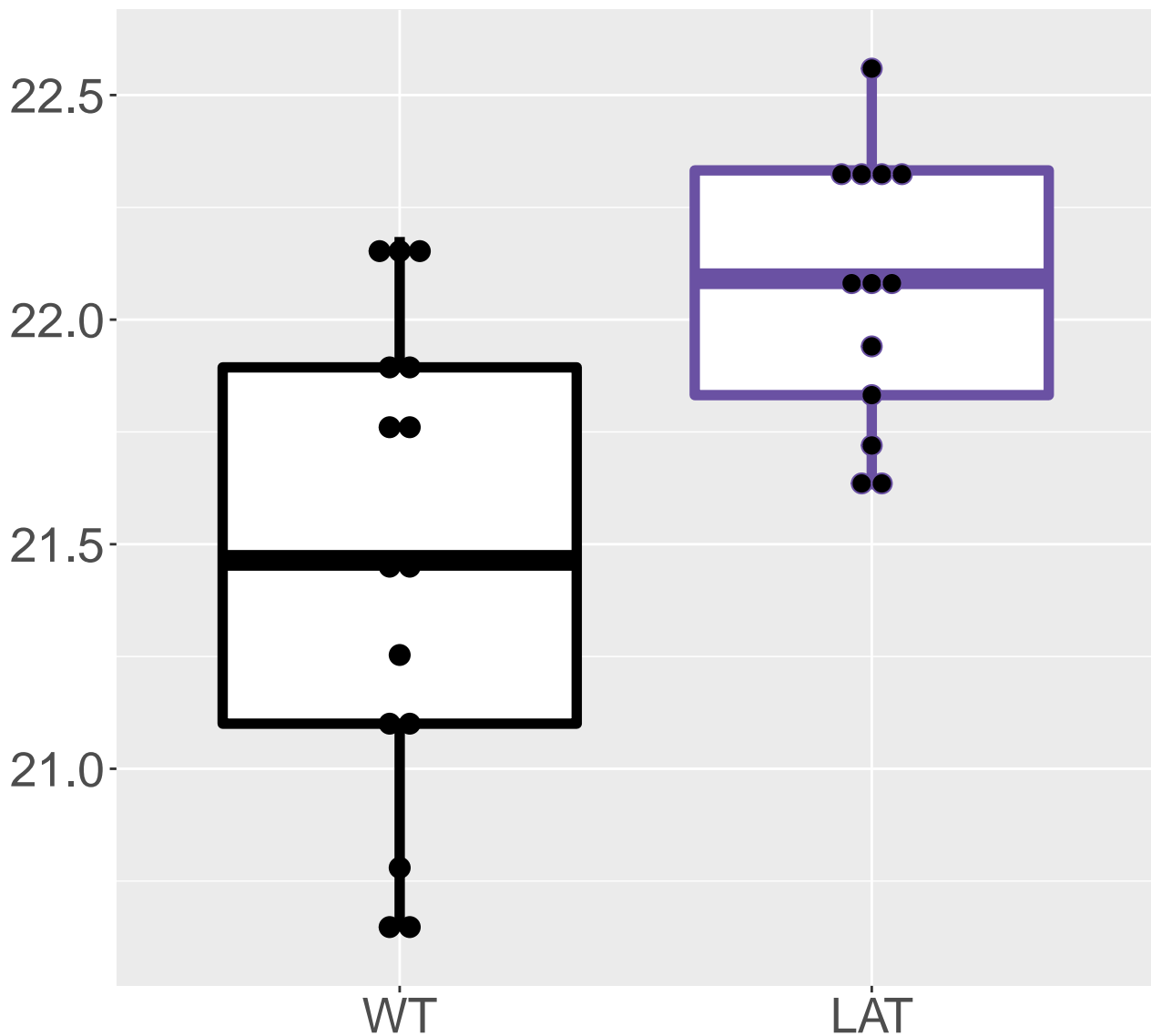
**M339.9259T993.63**

**FDR = 0.0087, FC = 0.26**



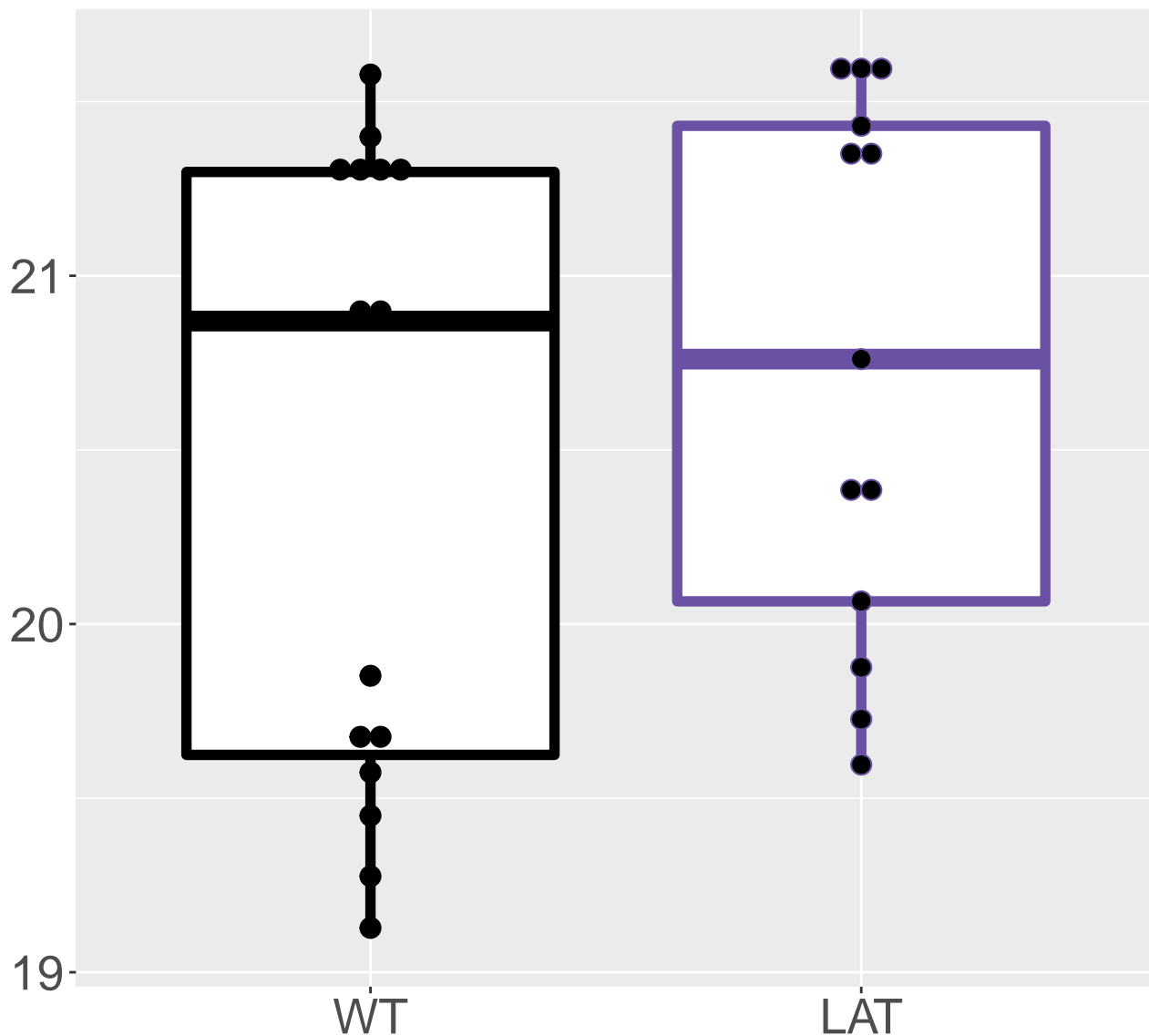
**M152.0023T251.66**

**FDR = 0.0087, FC = 0.59**



**M261.0443T149.68**

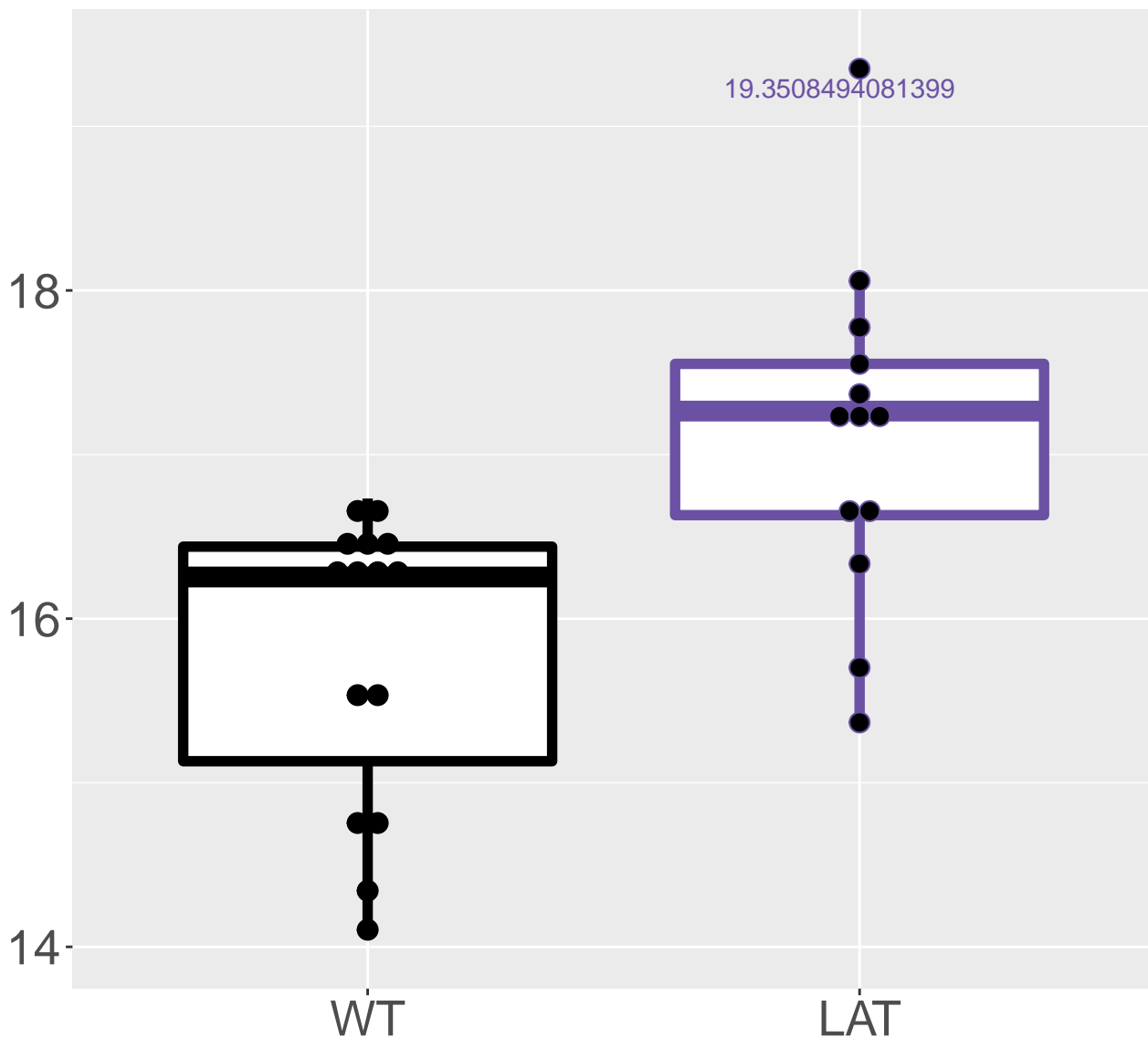
**FDR = 0.0087, FC = 0.31, sex\*\*\***





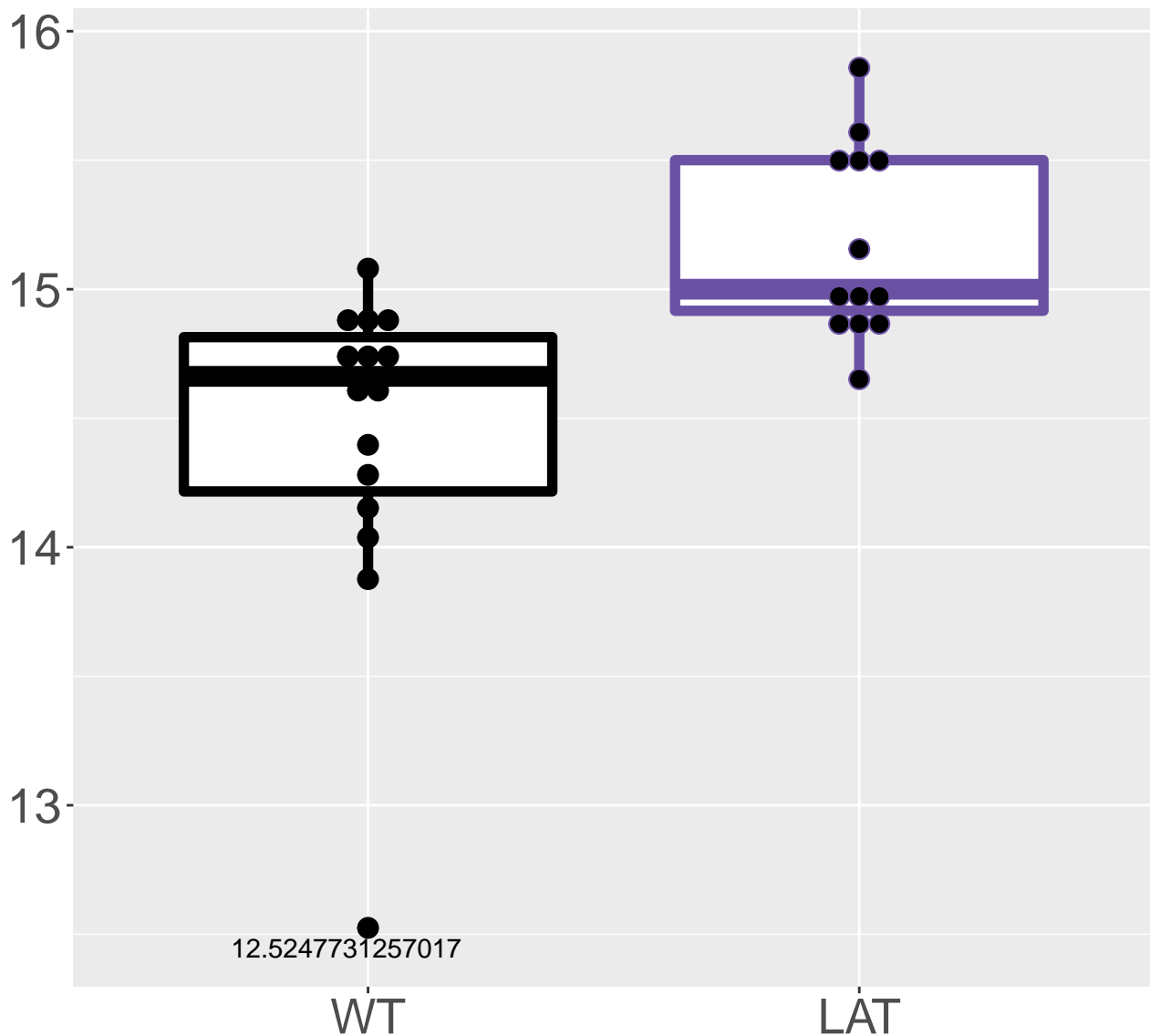
**M333.0198T380.23**

**FDR = 0.0088, FC = 1.3**

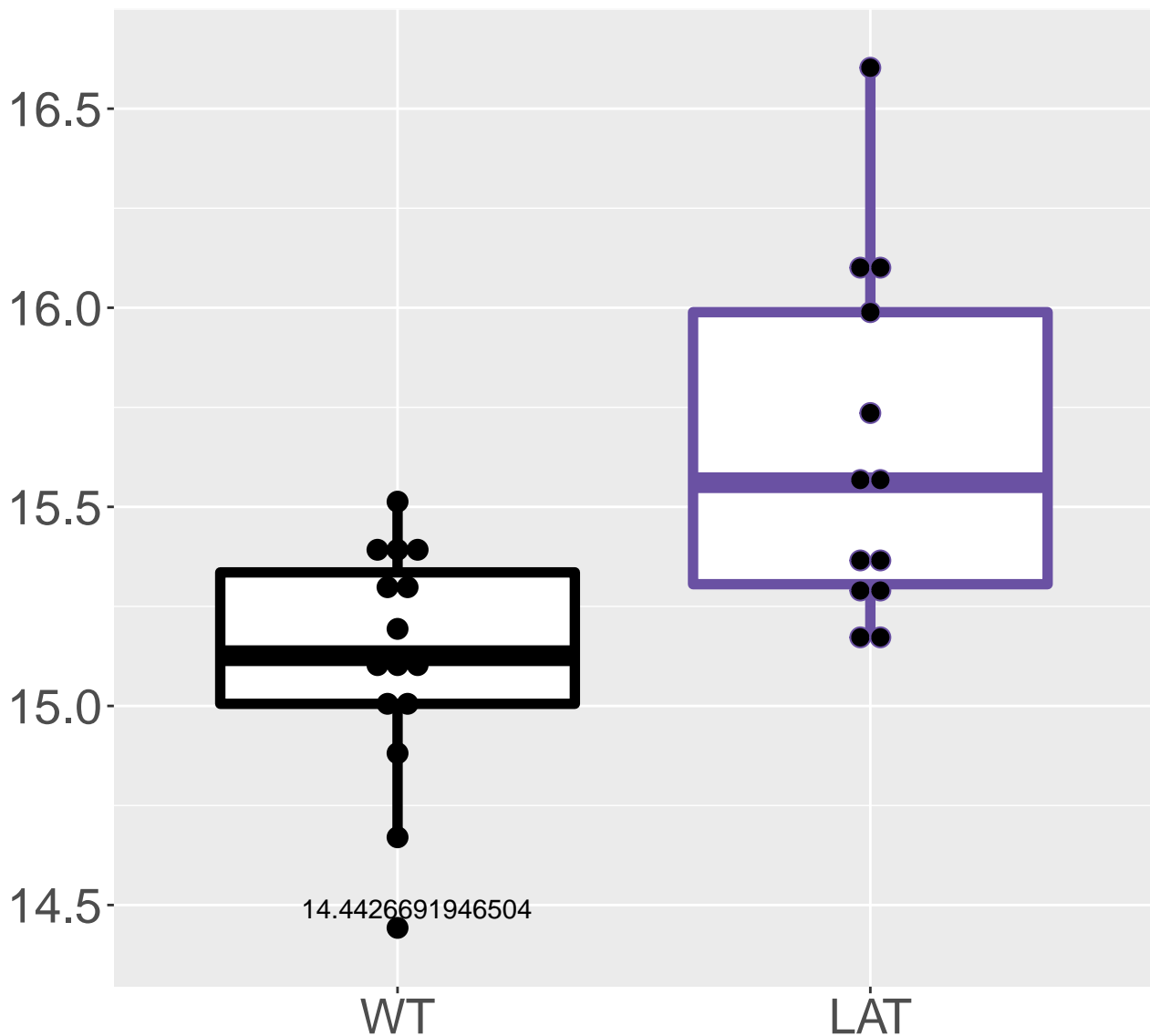


**M159.0413T436.32**

**FDR = 0.0088, FC = 0.74**

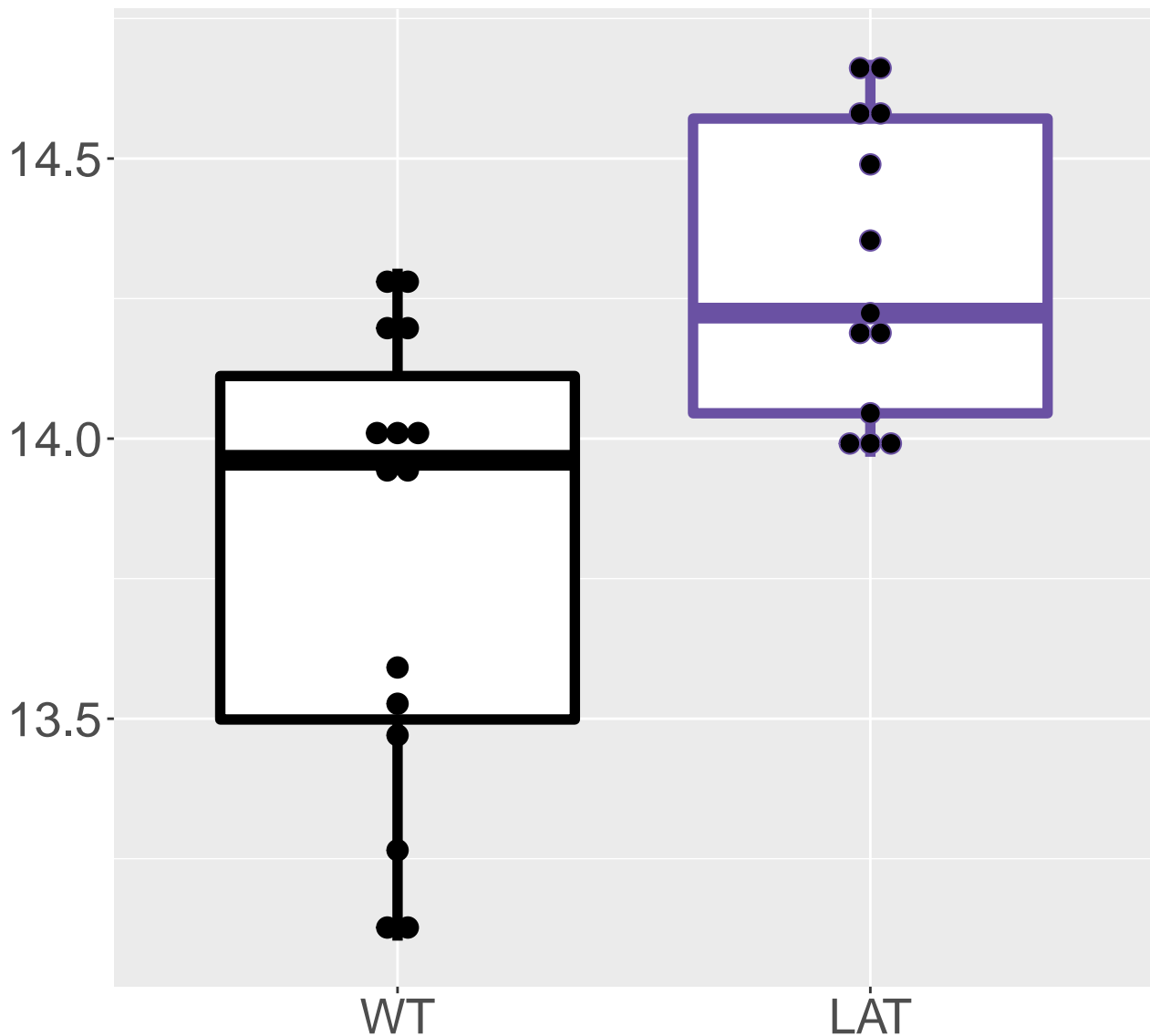


**FDR = 0.0088, FC = 0.52**

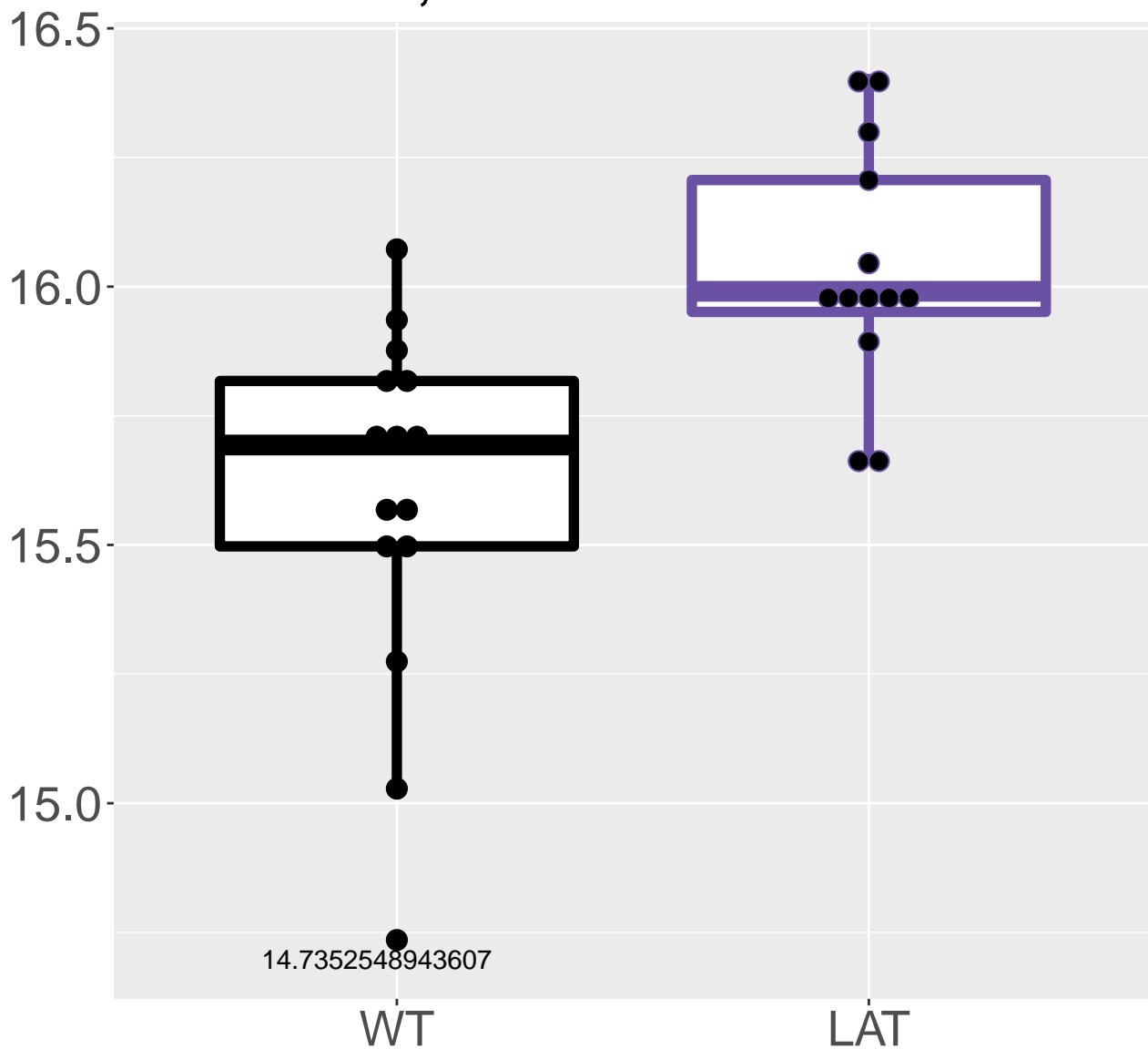


**M440.9083T993.9**

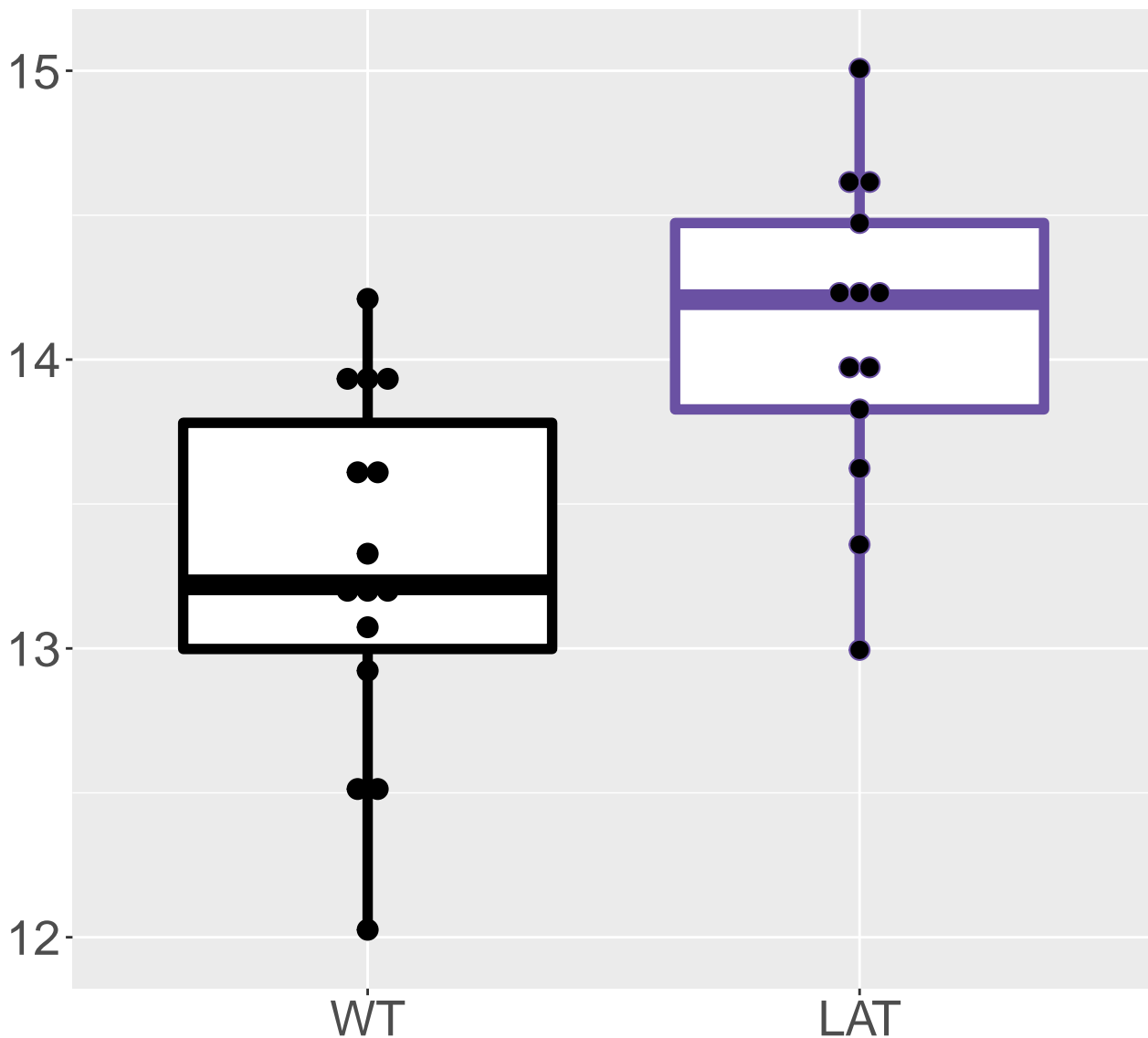
**FDR = 0.0088, FC = 0.5**



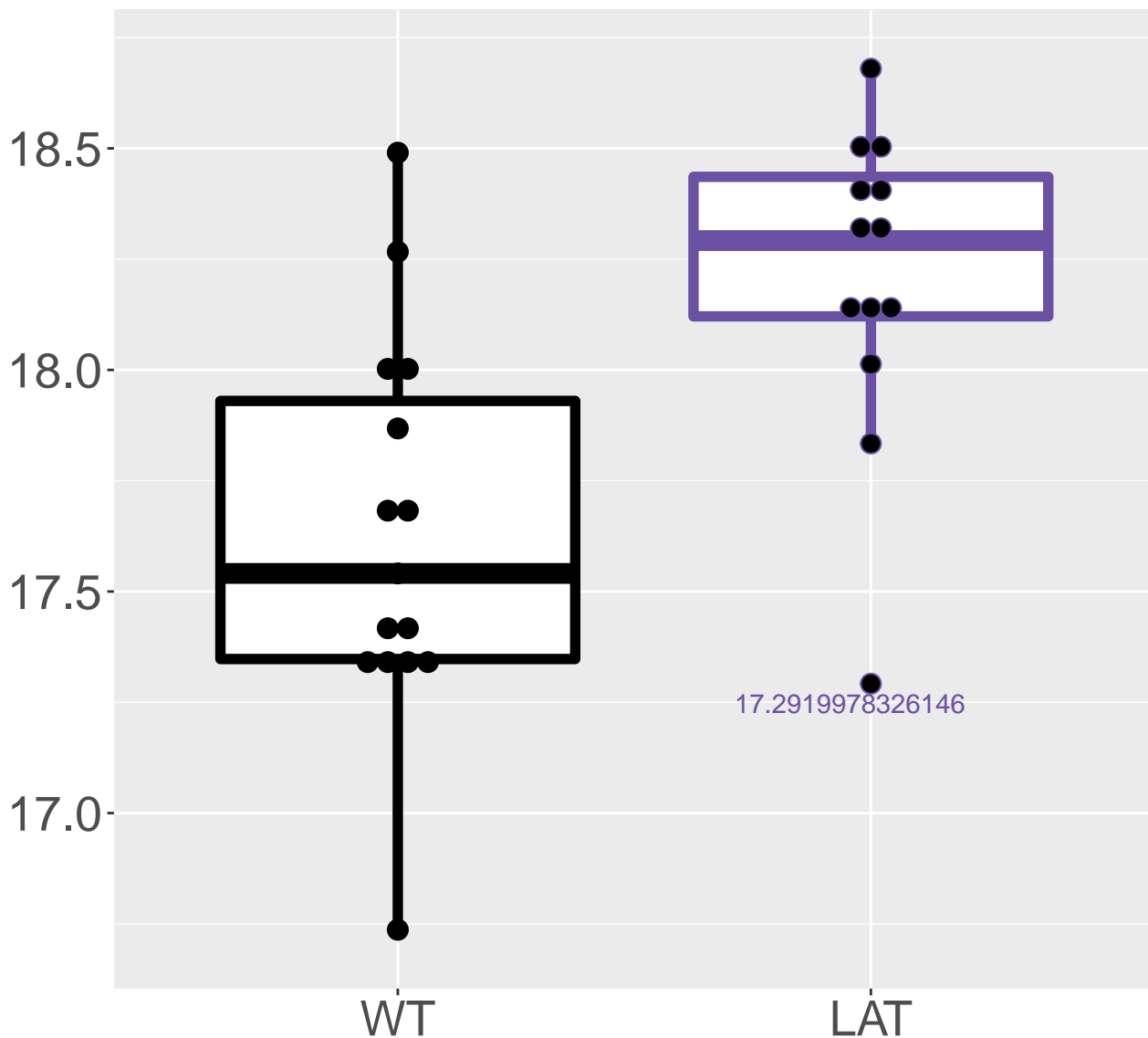
**M383.0475T611.47**  
**FDR = 0.0088, FC = 0.45**



**M128.7589T555.78\_12**  
**FDR = 0.0089, FC = 0.81**

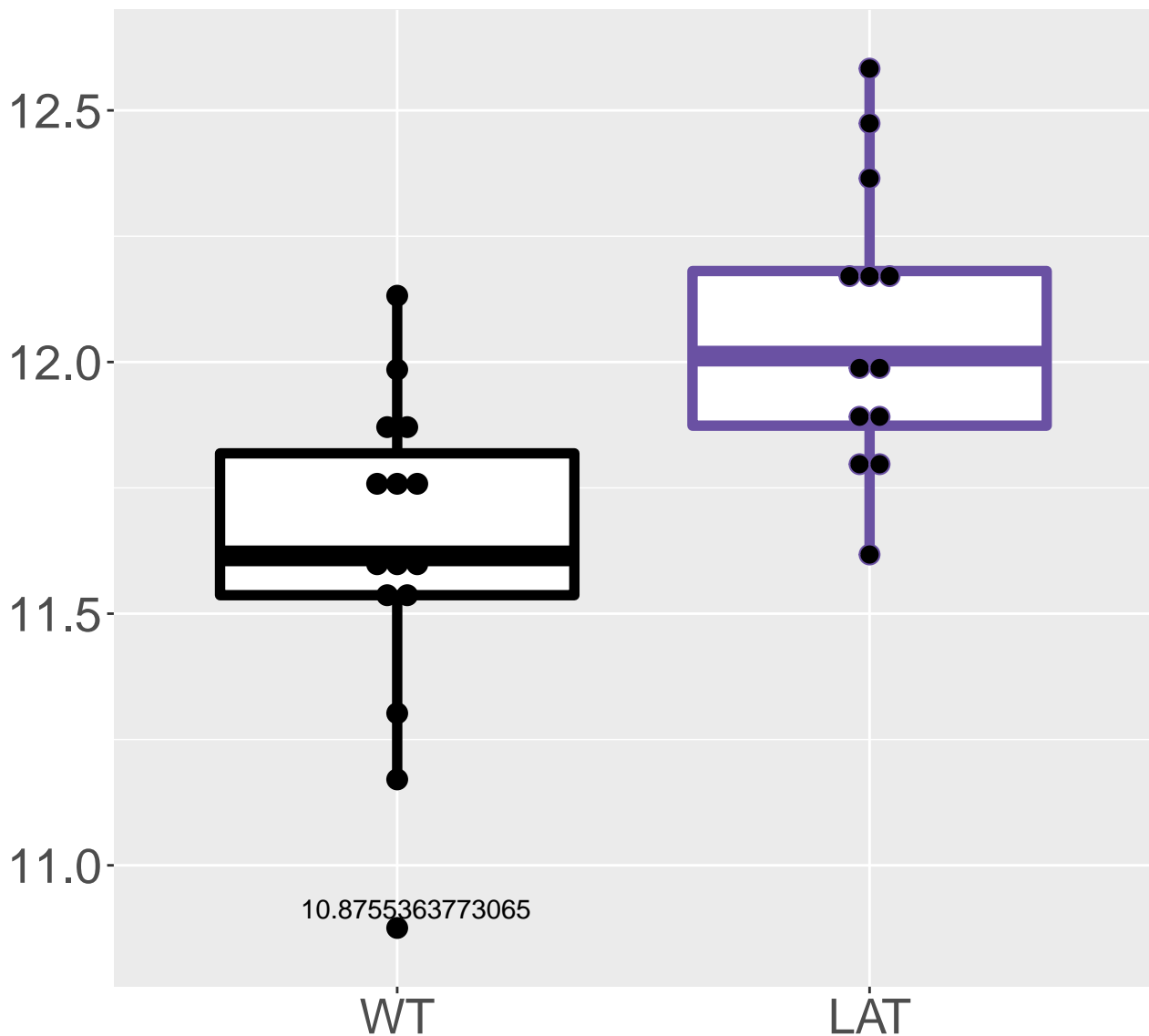


**FDR = 0.0089, FC = 0.58**



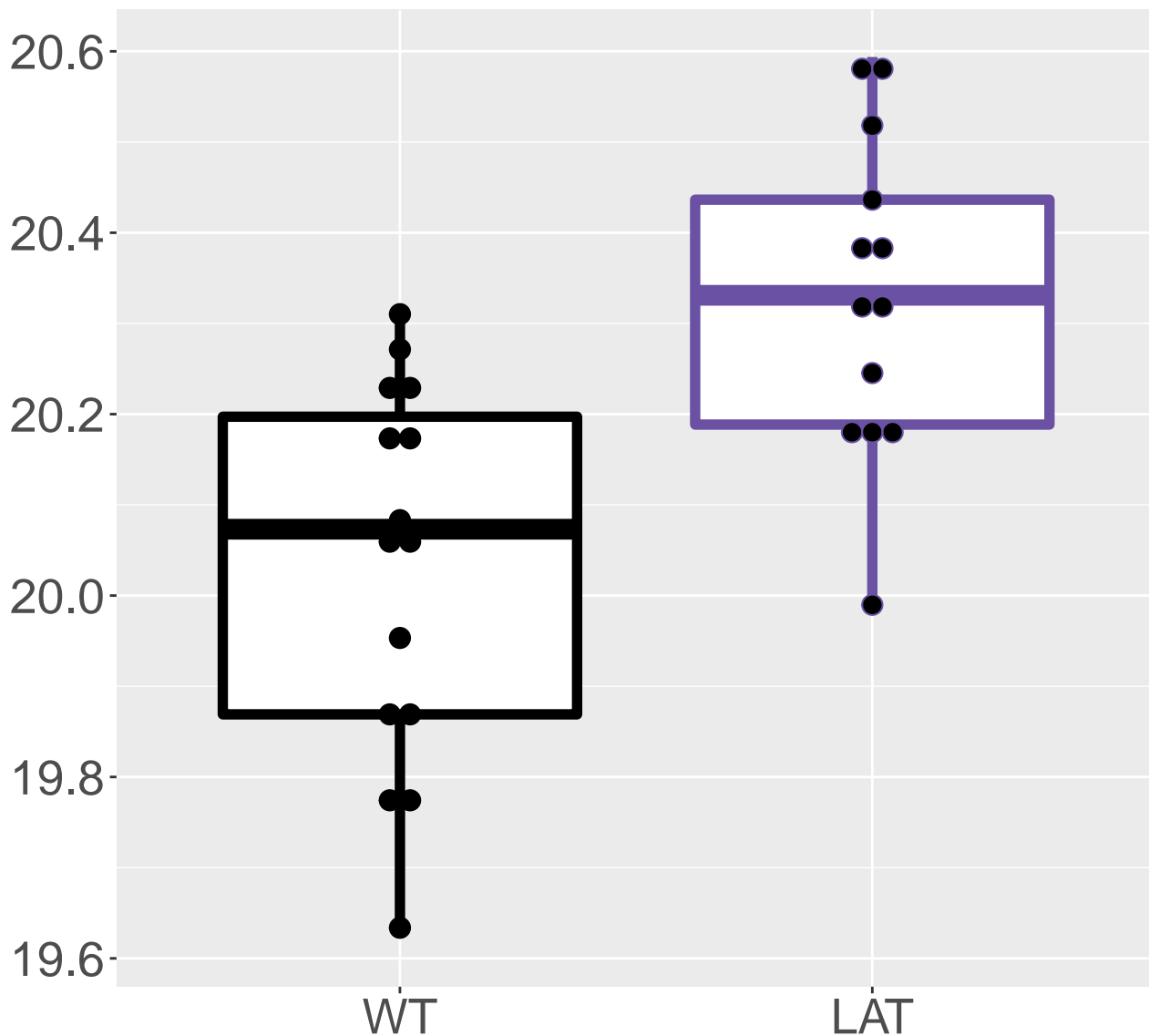
**M178.9342T1019.97**

**FDR = 0.0089, FC = 0.44**



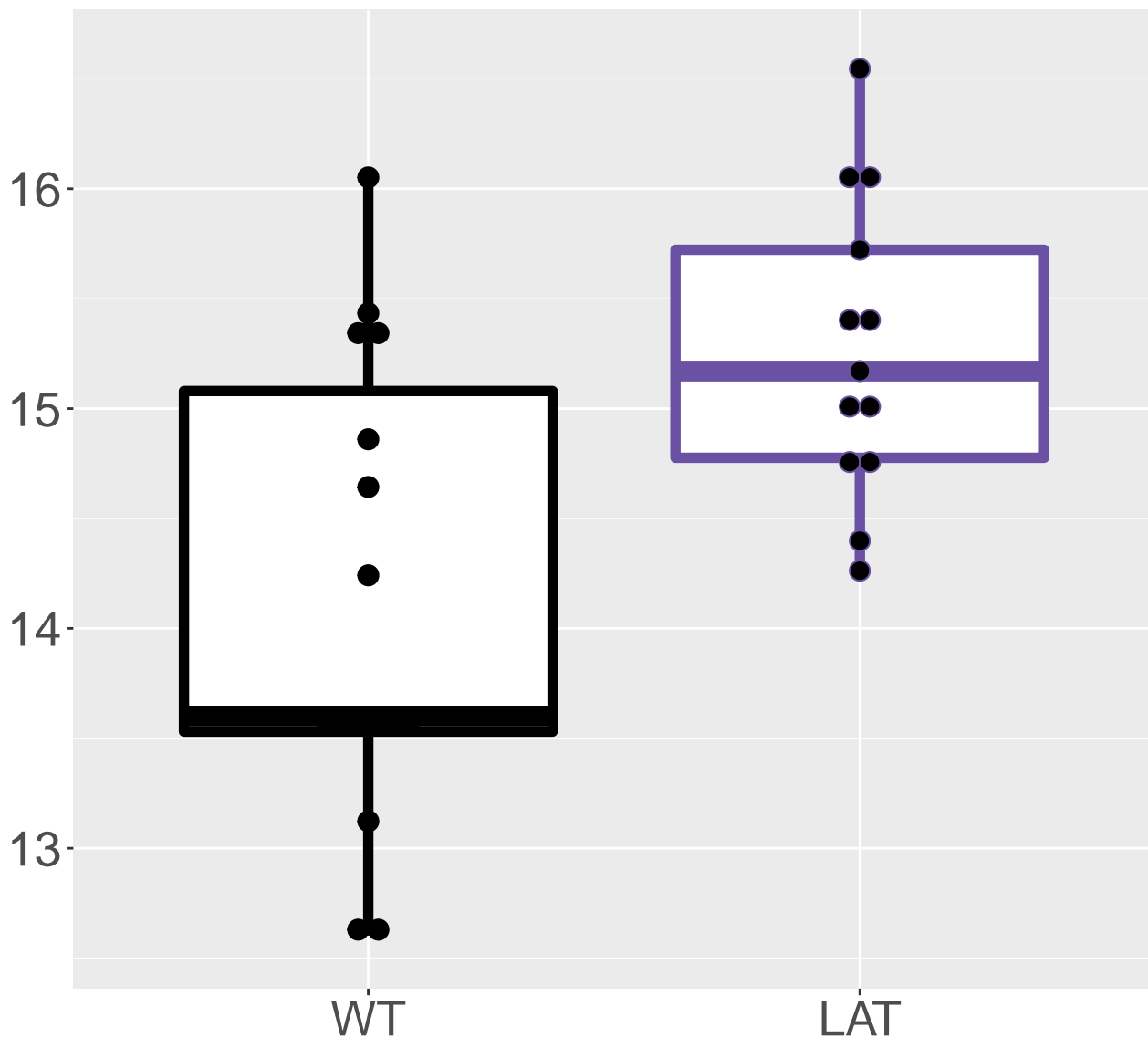


**M355.921T993.74\_1**  
**FDR = 0.0089, FC = 0.3**



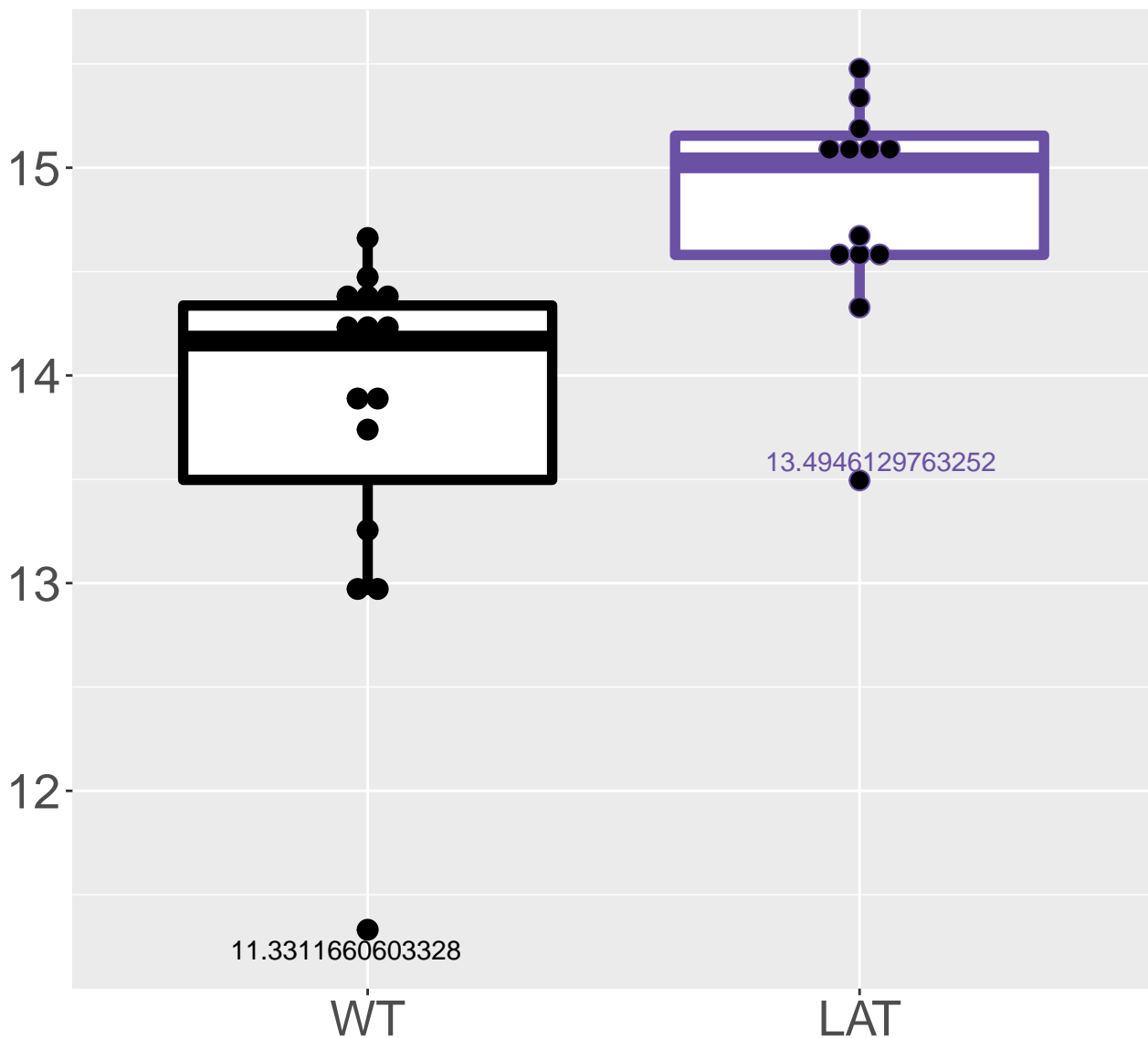
**M116.0117T638**

**FDR = 0.0089, FC = 1.1, sex\***



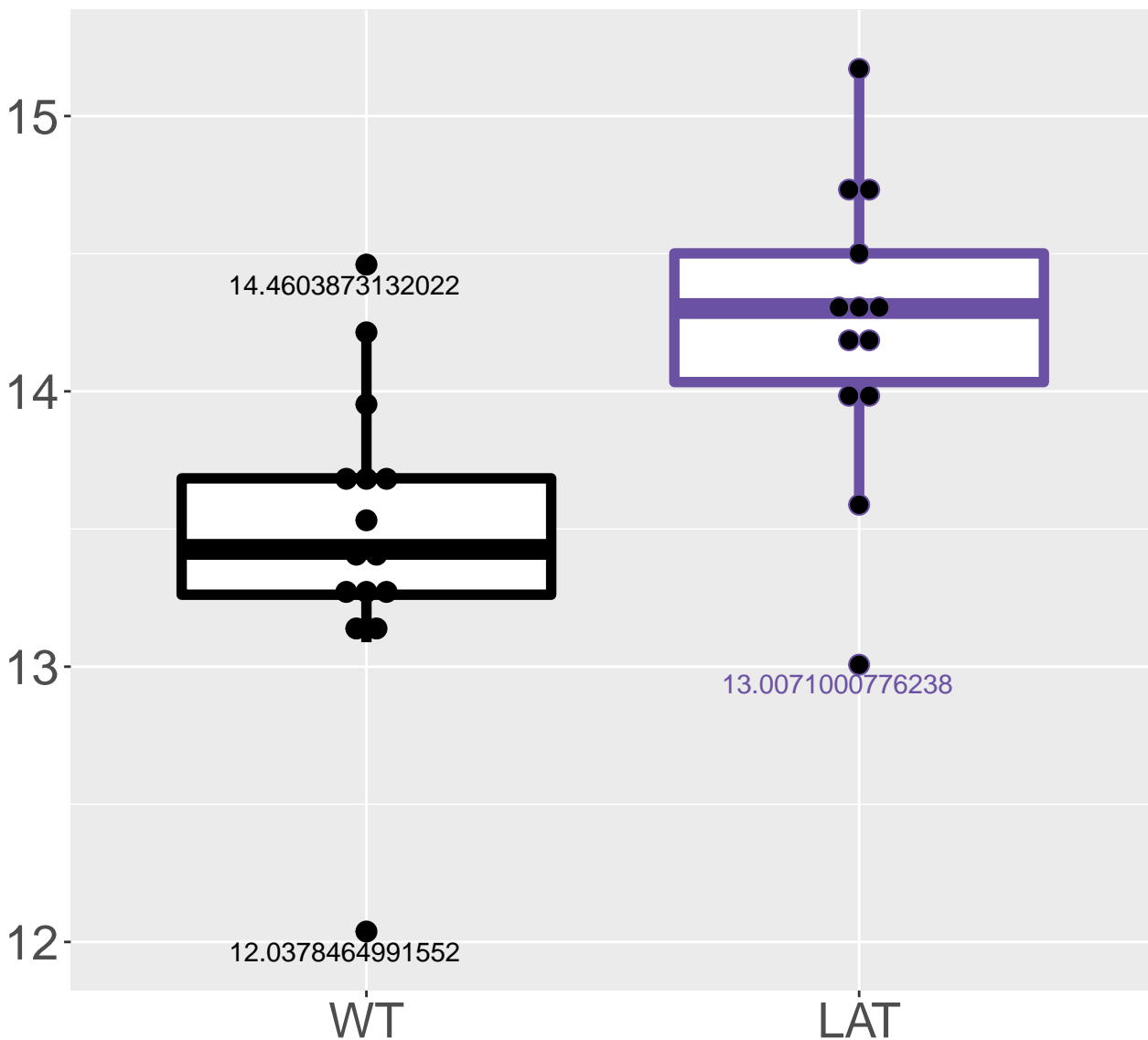
**M525.3664T993.29**

**FDR = 0.0089, FC = 1**



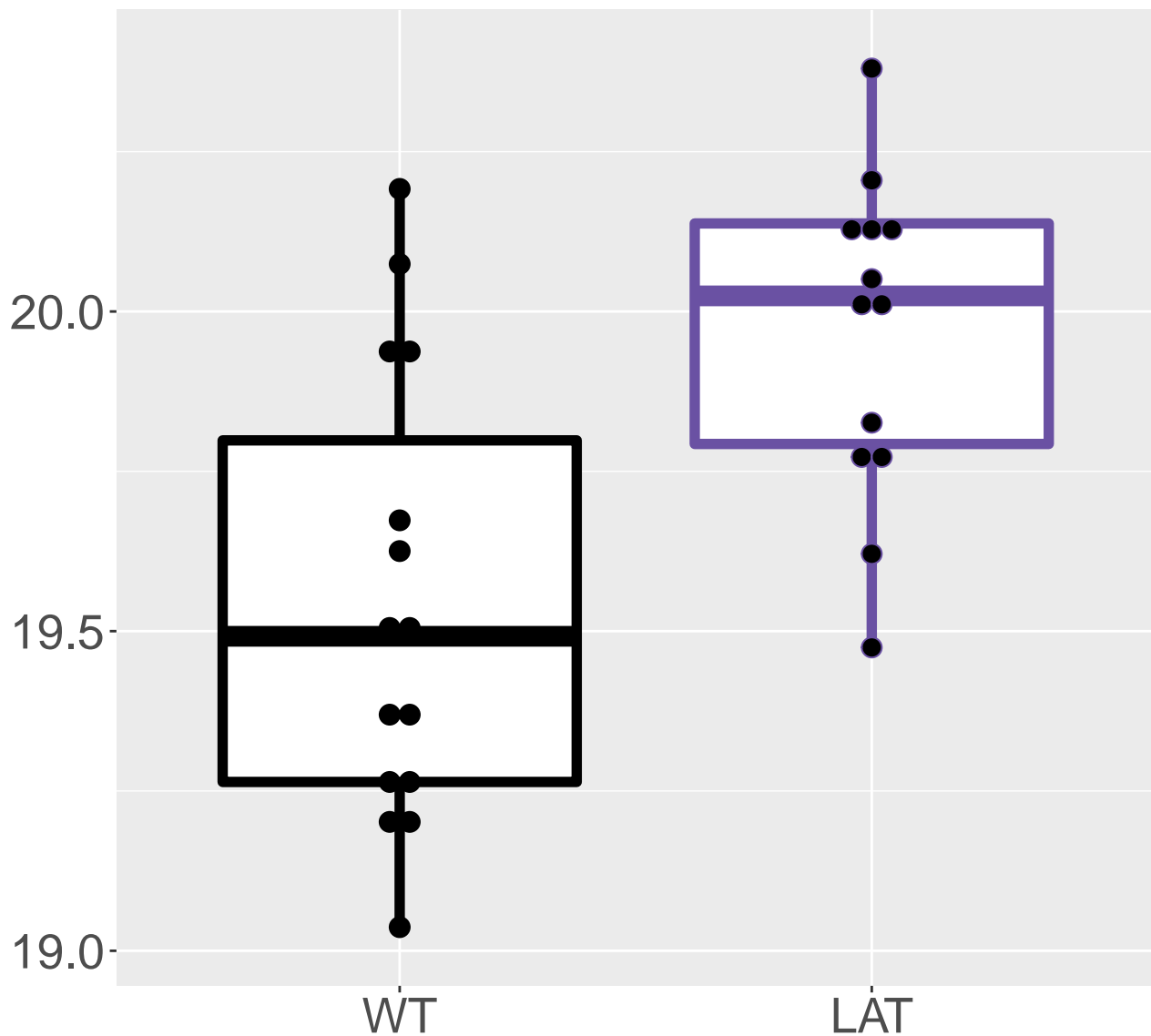
**M129.4878T555.97\_37**

**FDR = 0.009, FC = 0.75**

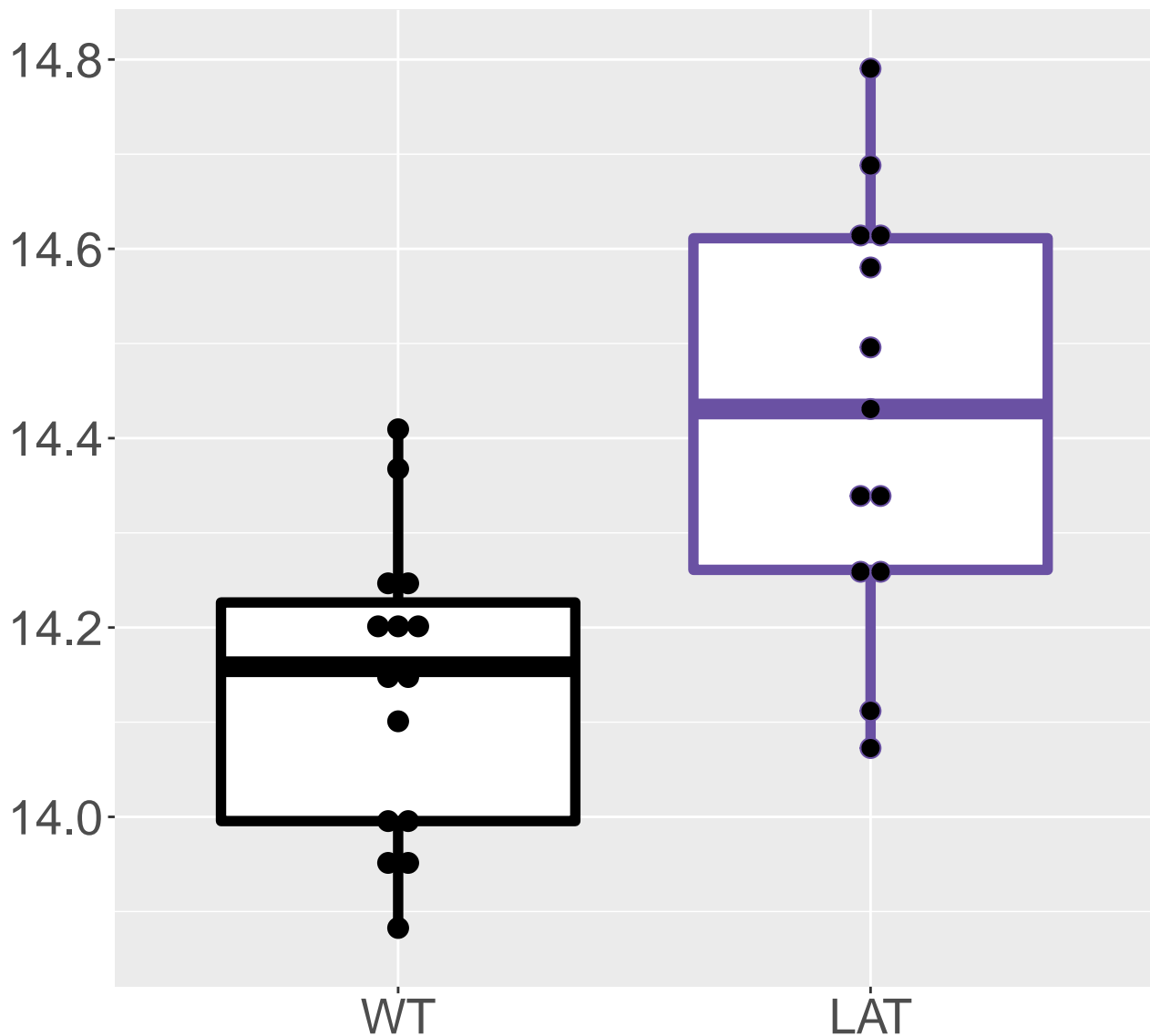


**M159.0301T511.99**

**FDR = 0.009, FC = 0.42**

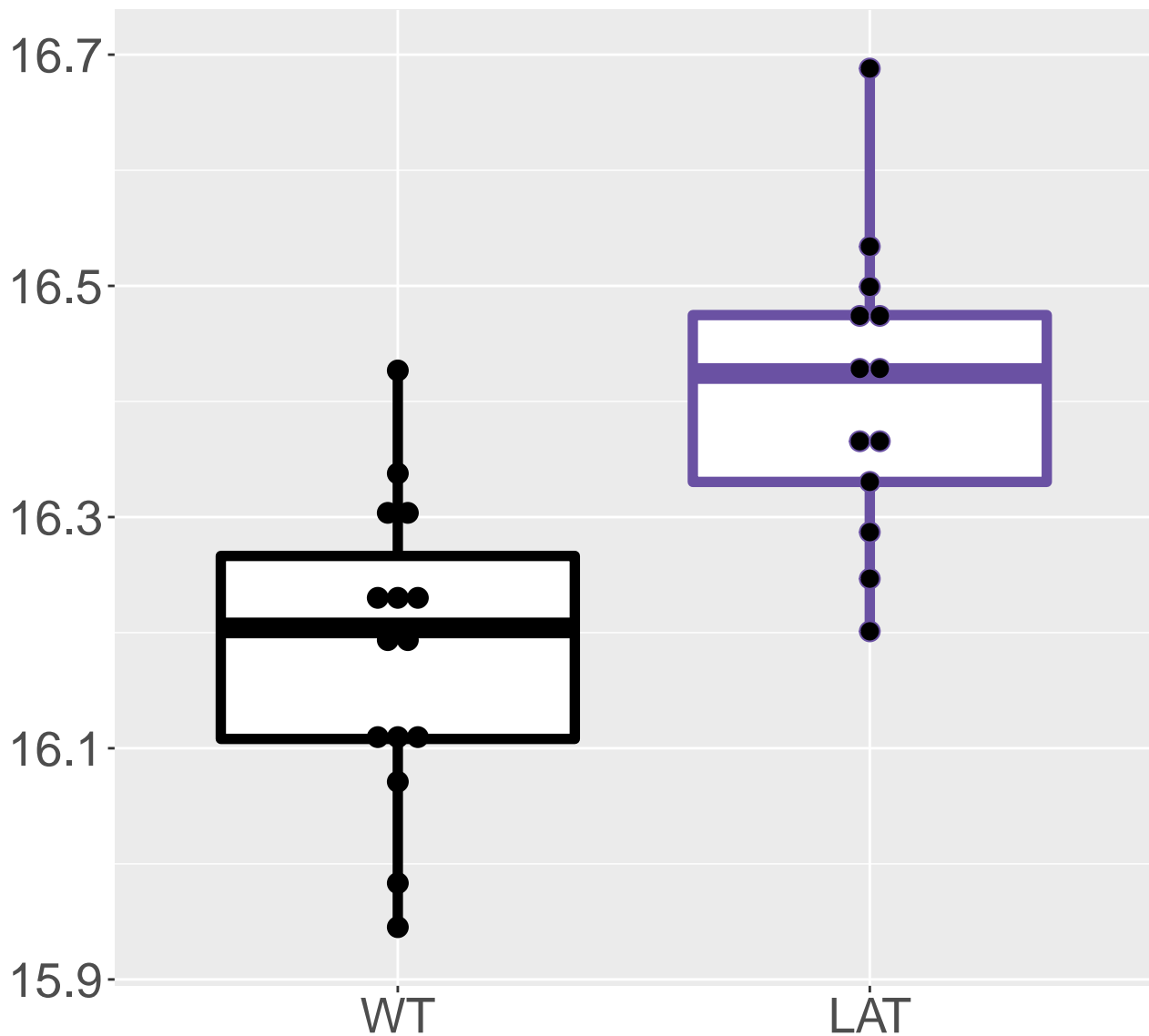


**M206.9292T1021.08\_2**  
**FDR = 0.009, FC = 0.29**

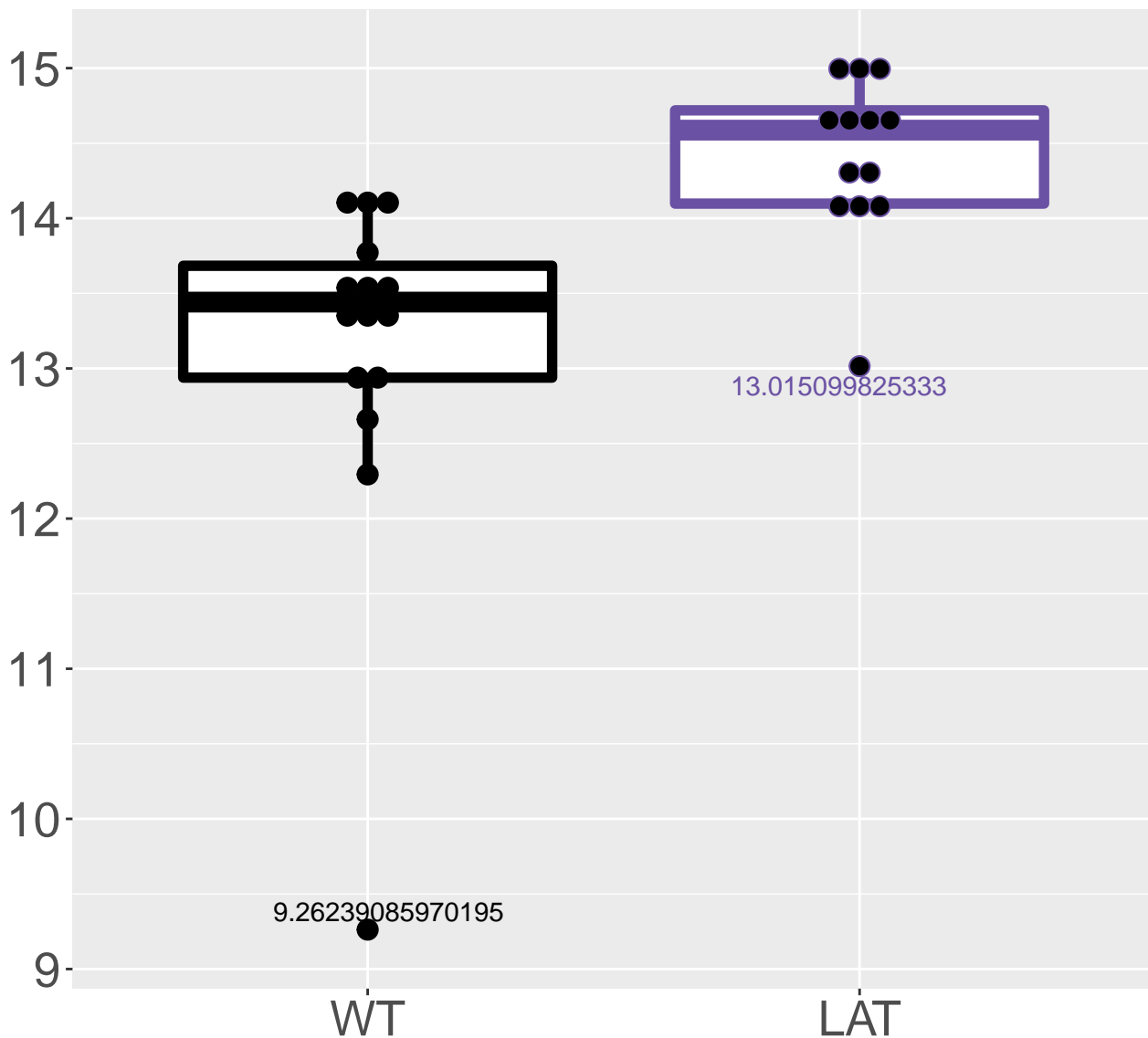


**M284.8864T1027.11**

**FDR = 0.0091, FC = 0.22**

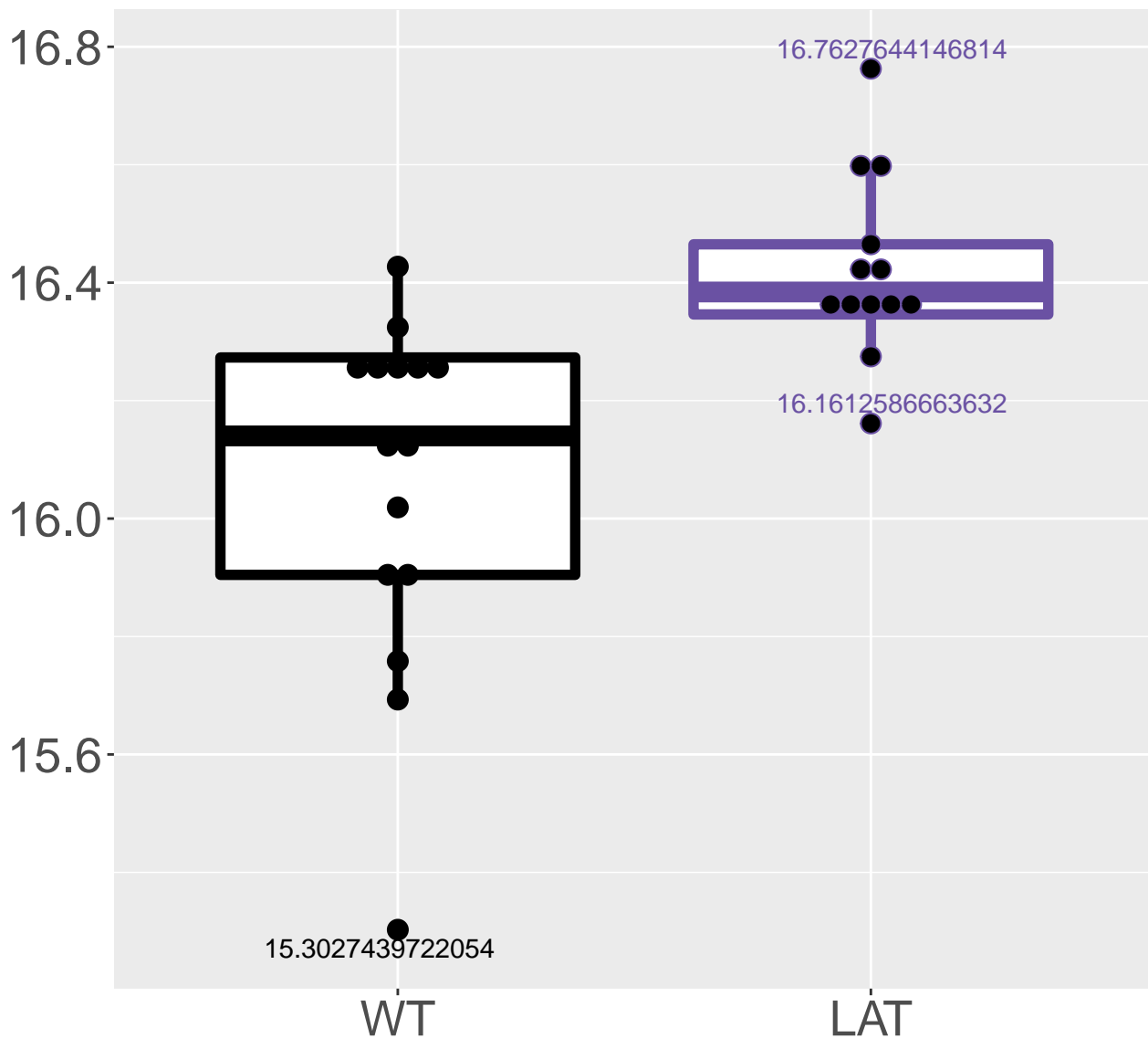


**M449.9105T992.99\_1**  
**FDR = 0.0094, FC = 1.3**



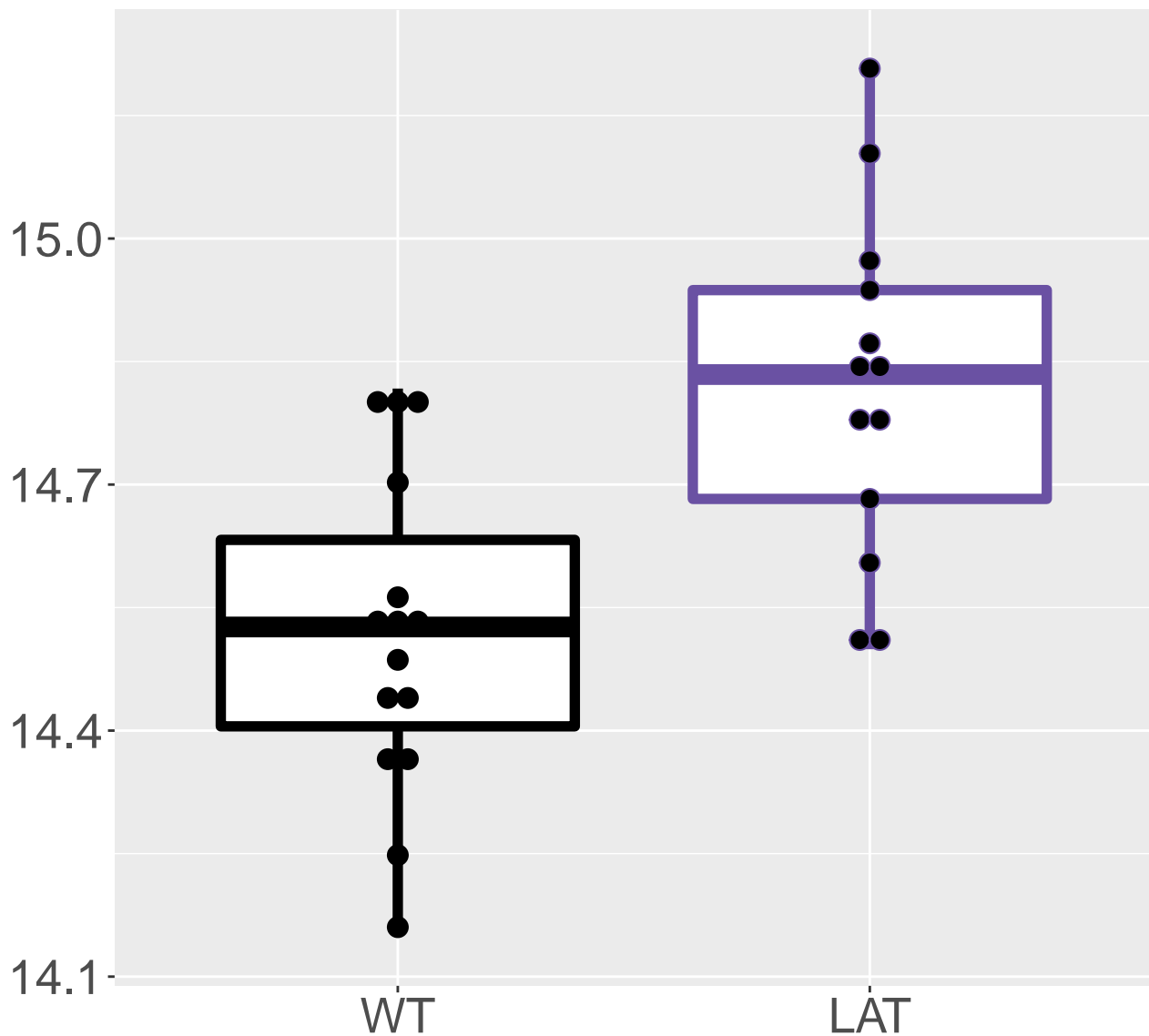


**FDR = 0.0094, FC = 0.36**



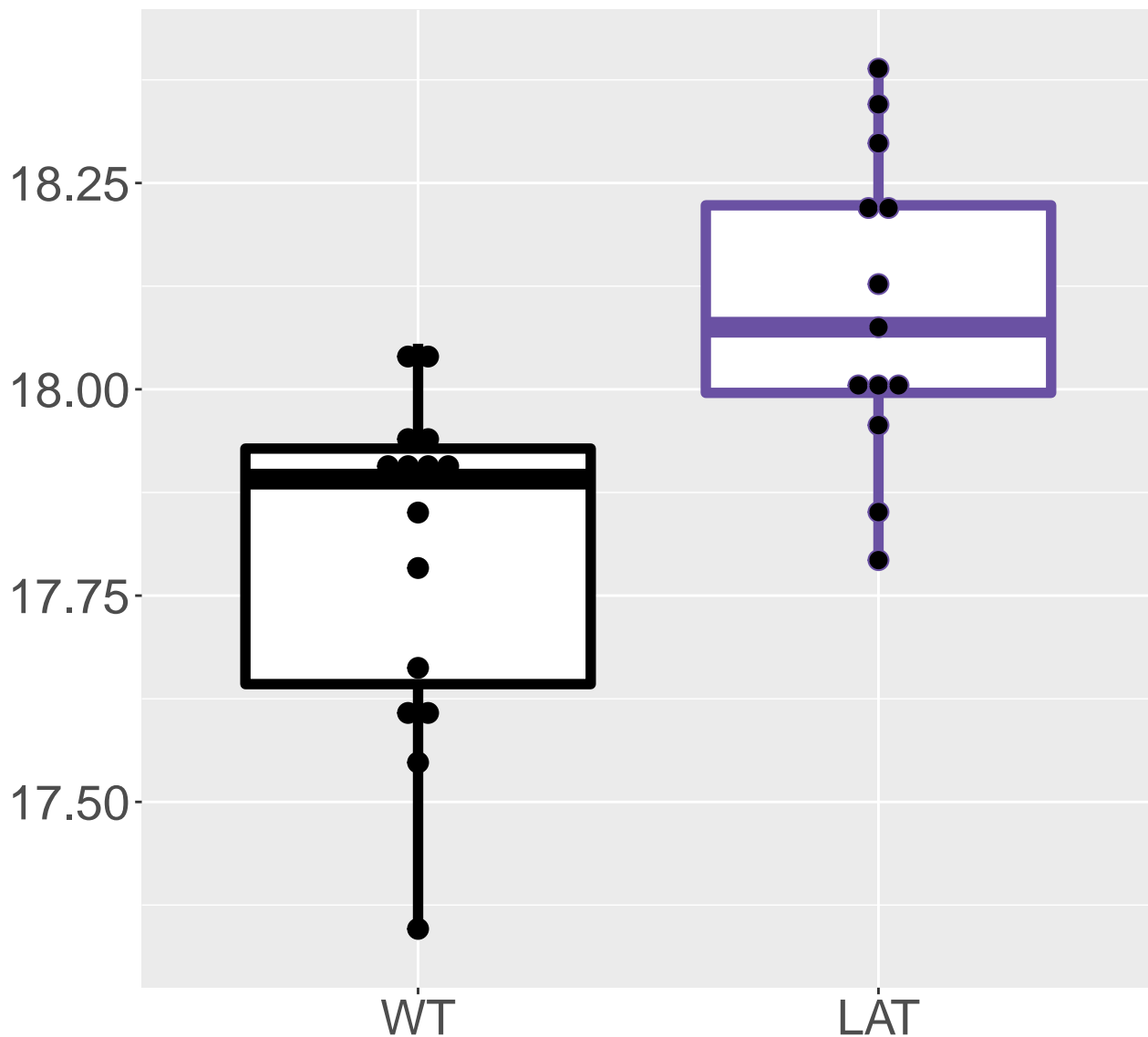
**M480.7387T1027.23**

**FDR = 0.0096, FC = 0.3**

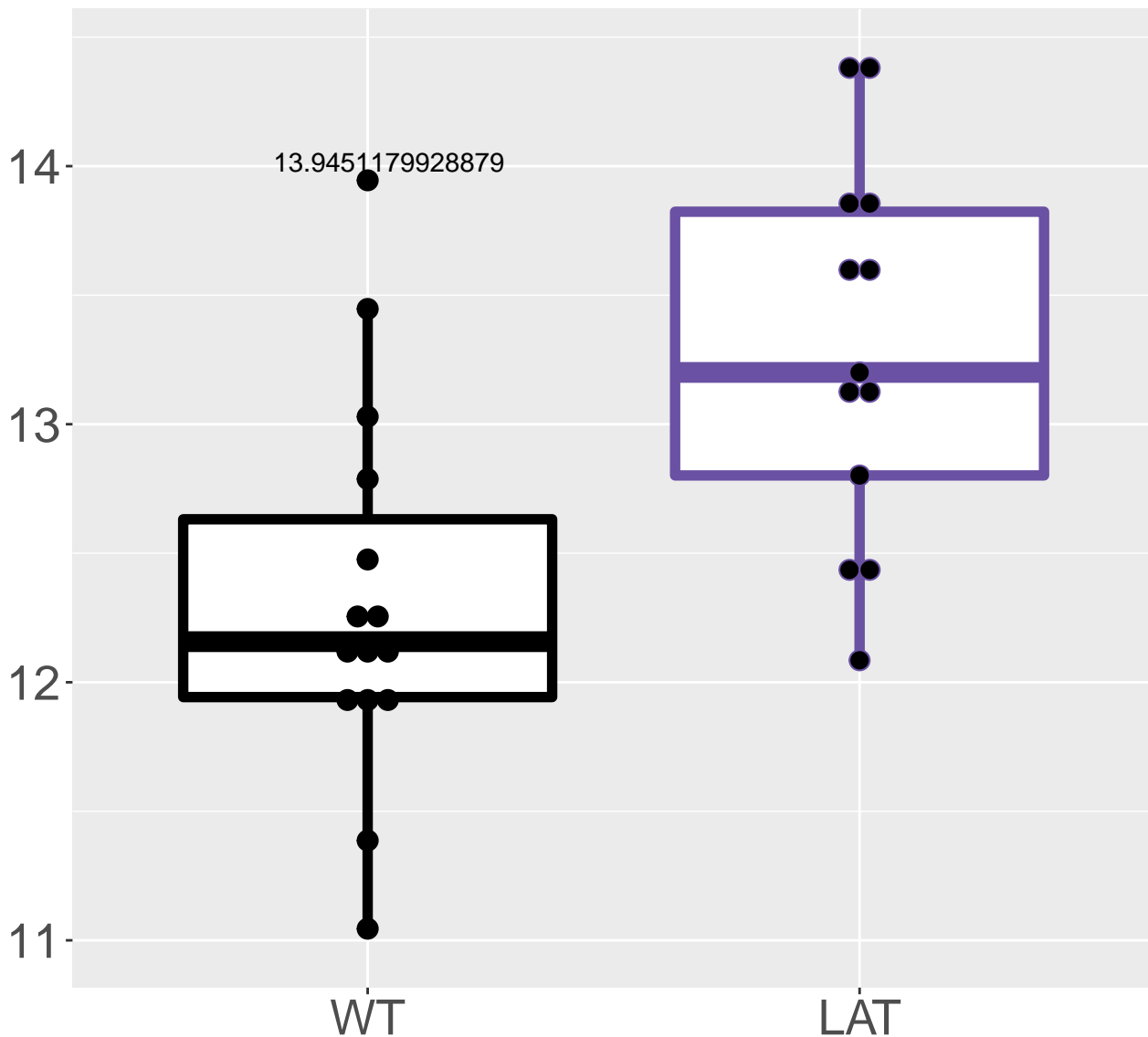


**M331.971T993.73**

**FDR = 0.0098, FC = 0.3**

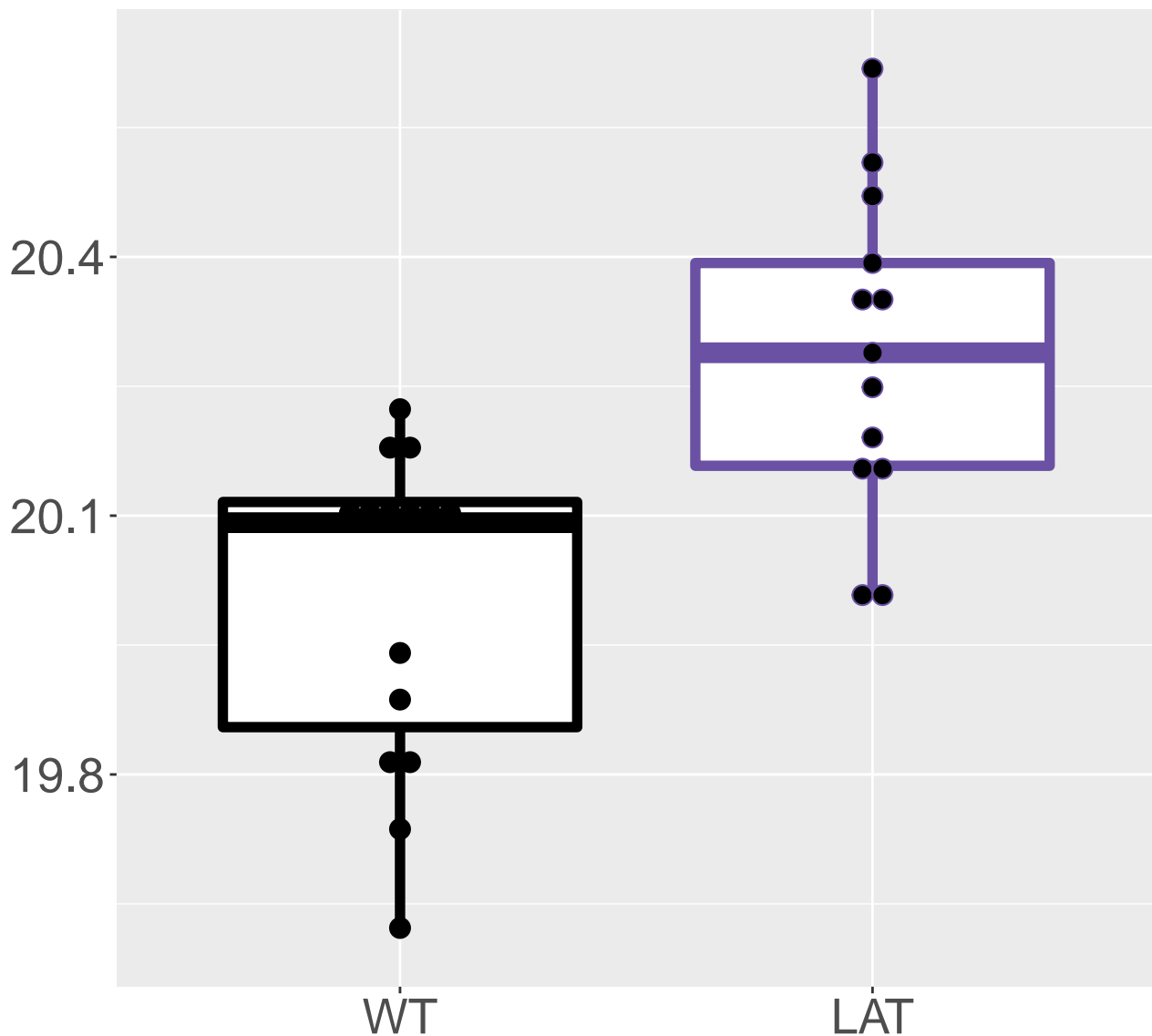


**M174.9119T702.07**  
**FDR = 0.0098, FC = 0.98**

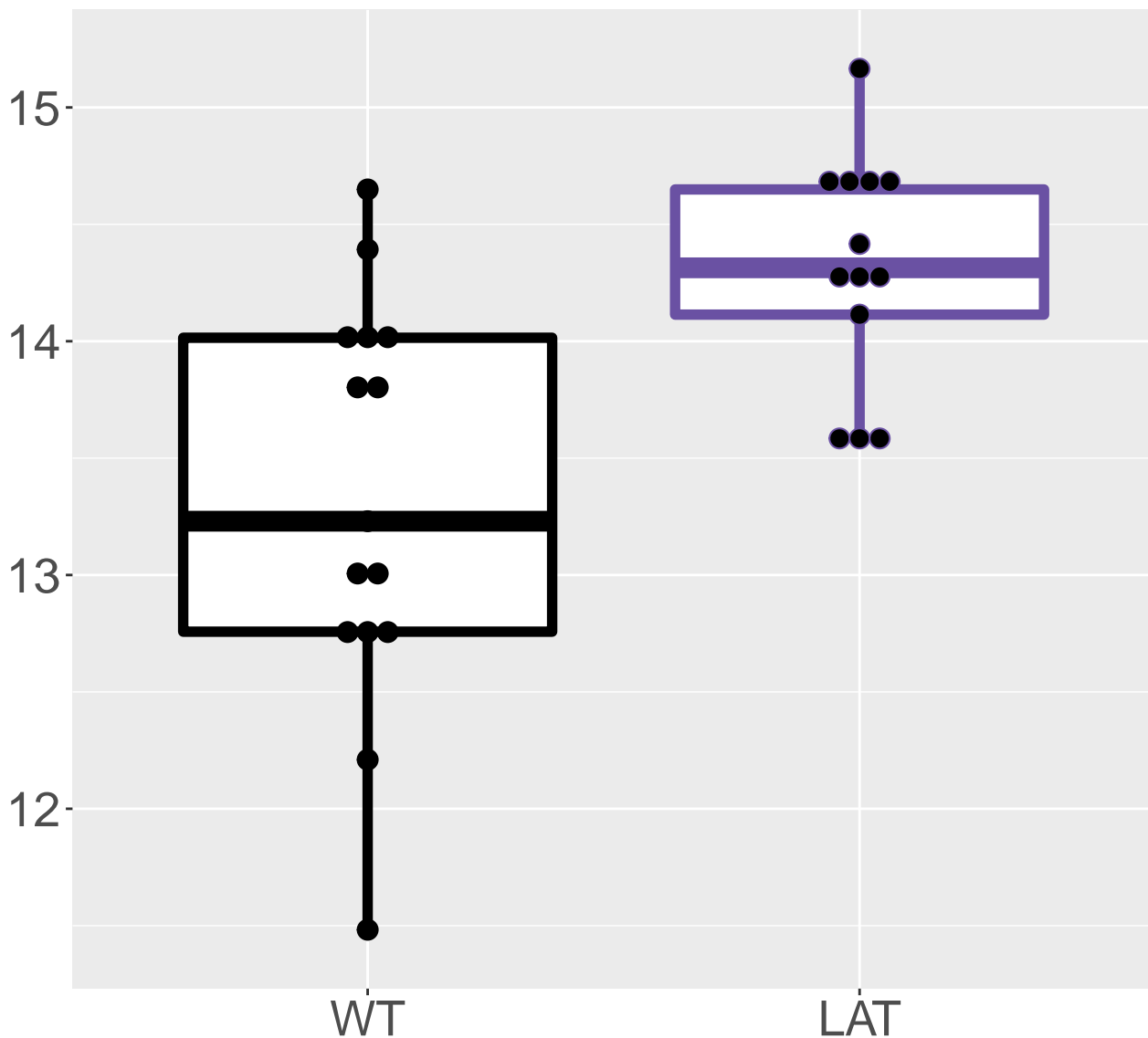


**M288.965T993.72**

**FDR = 0.0099, FC = 0.29**

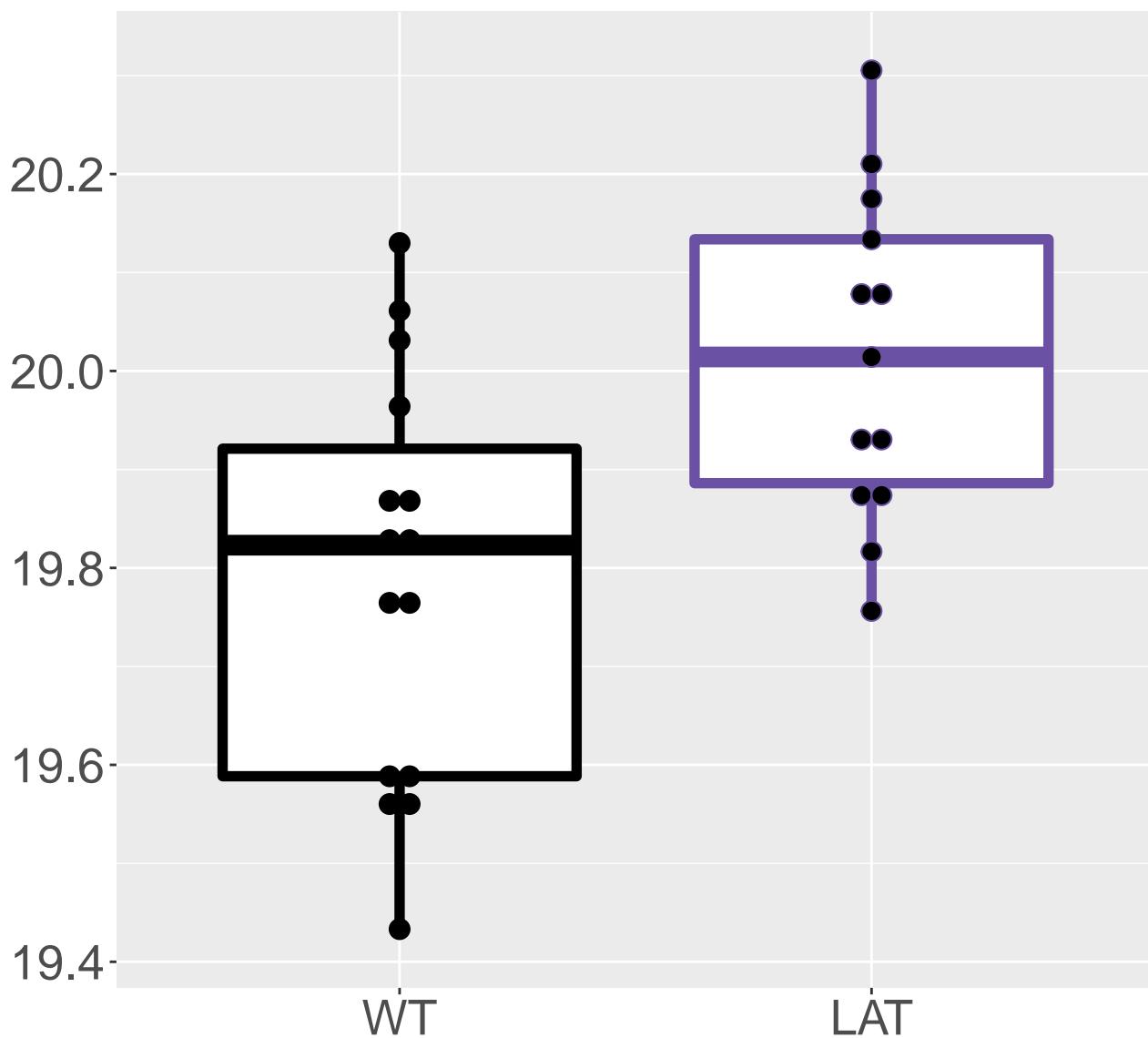


**M129.2788T555.91\_34**  
**FDR = 0.0099, FC = 0.98**

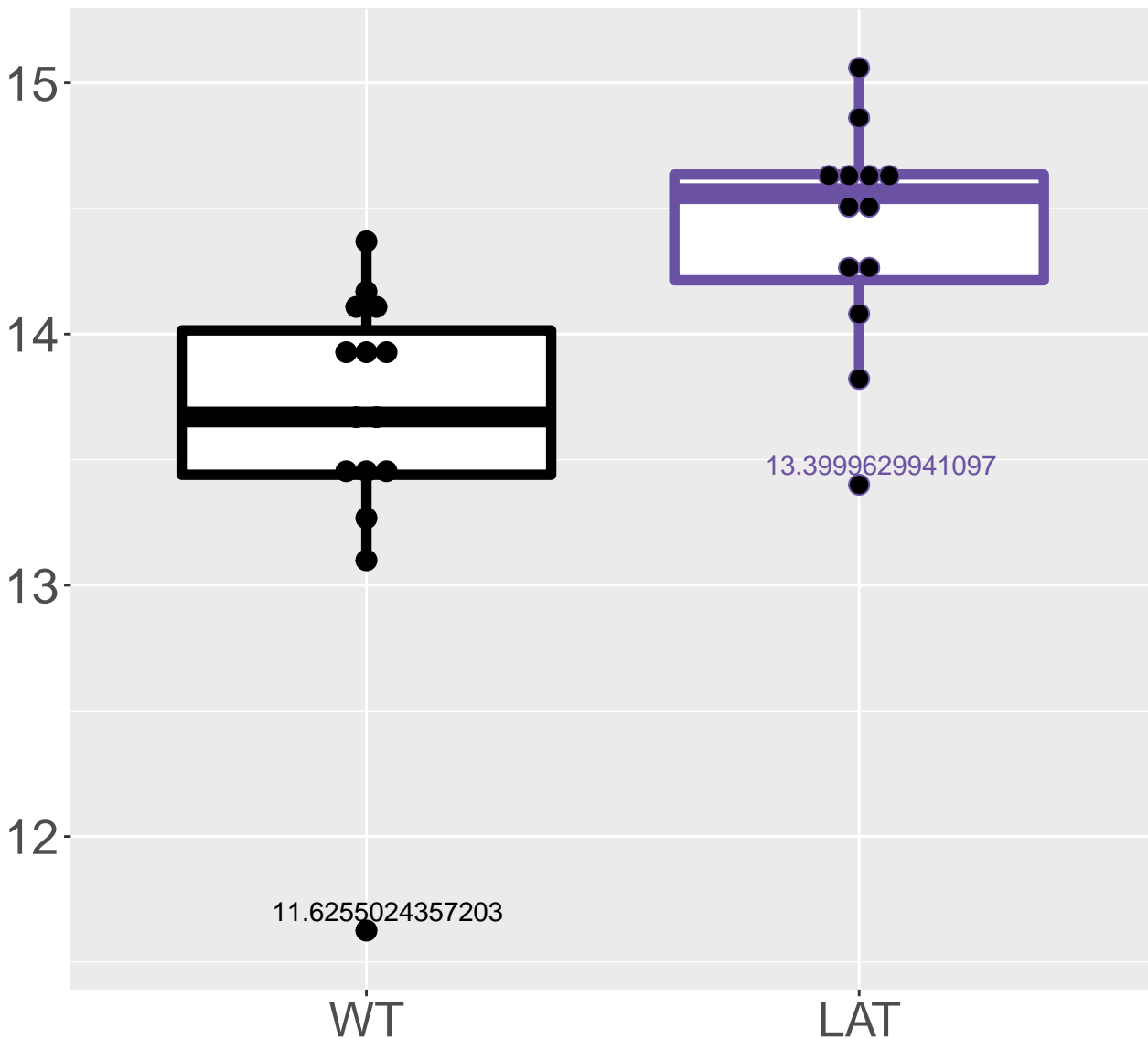


**Creatinine**

**FDR = 0.0099, FC = 0.22, sex\***



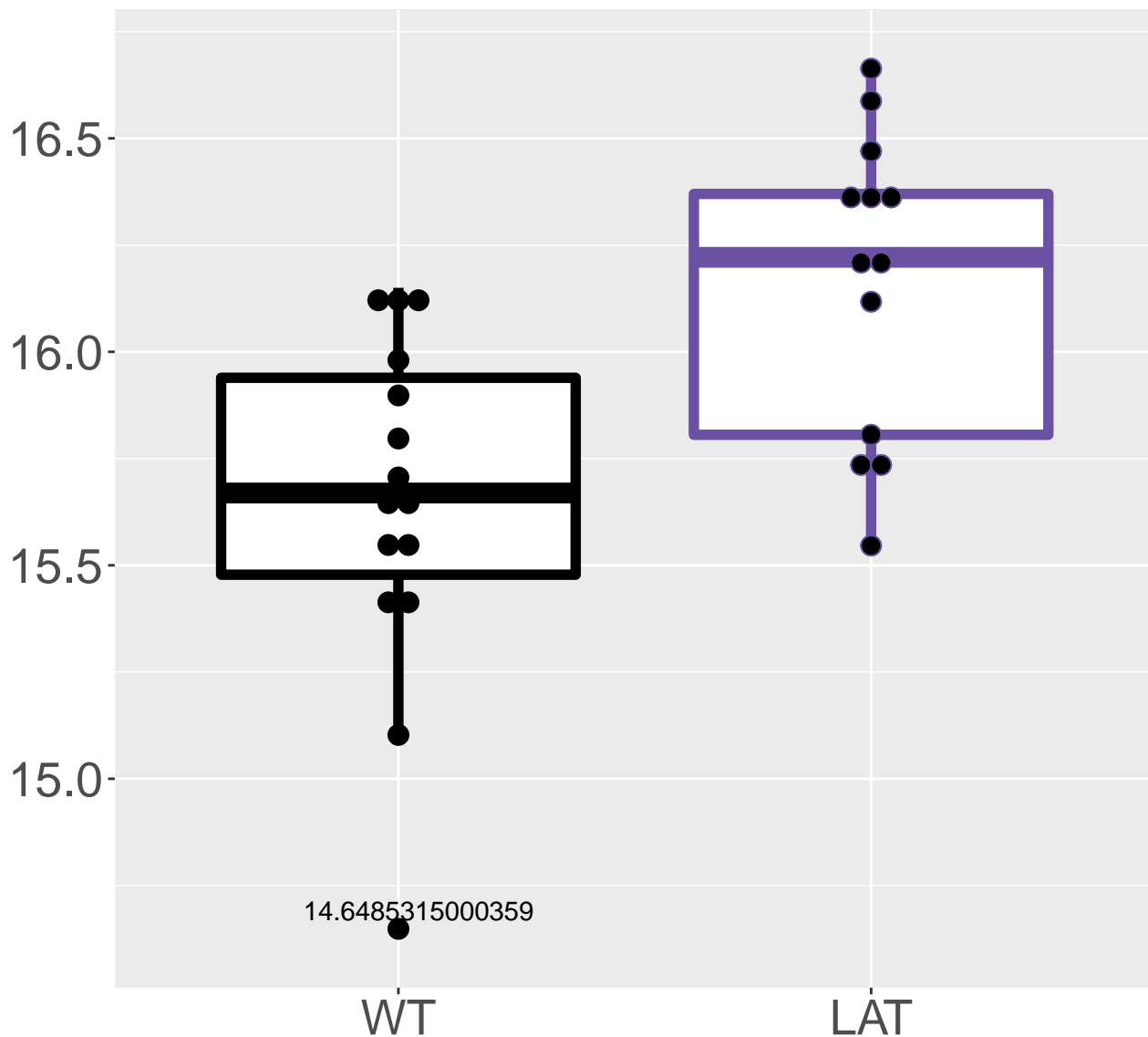
**M495.3504T993.18**  
**FDR = 0.0099, FC = 0.79**





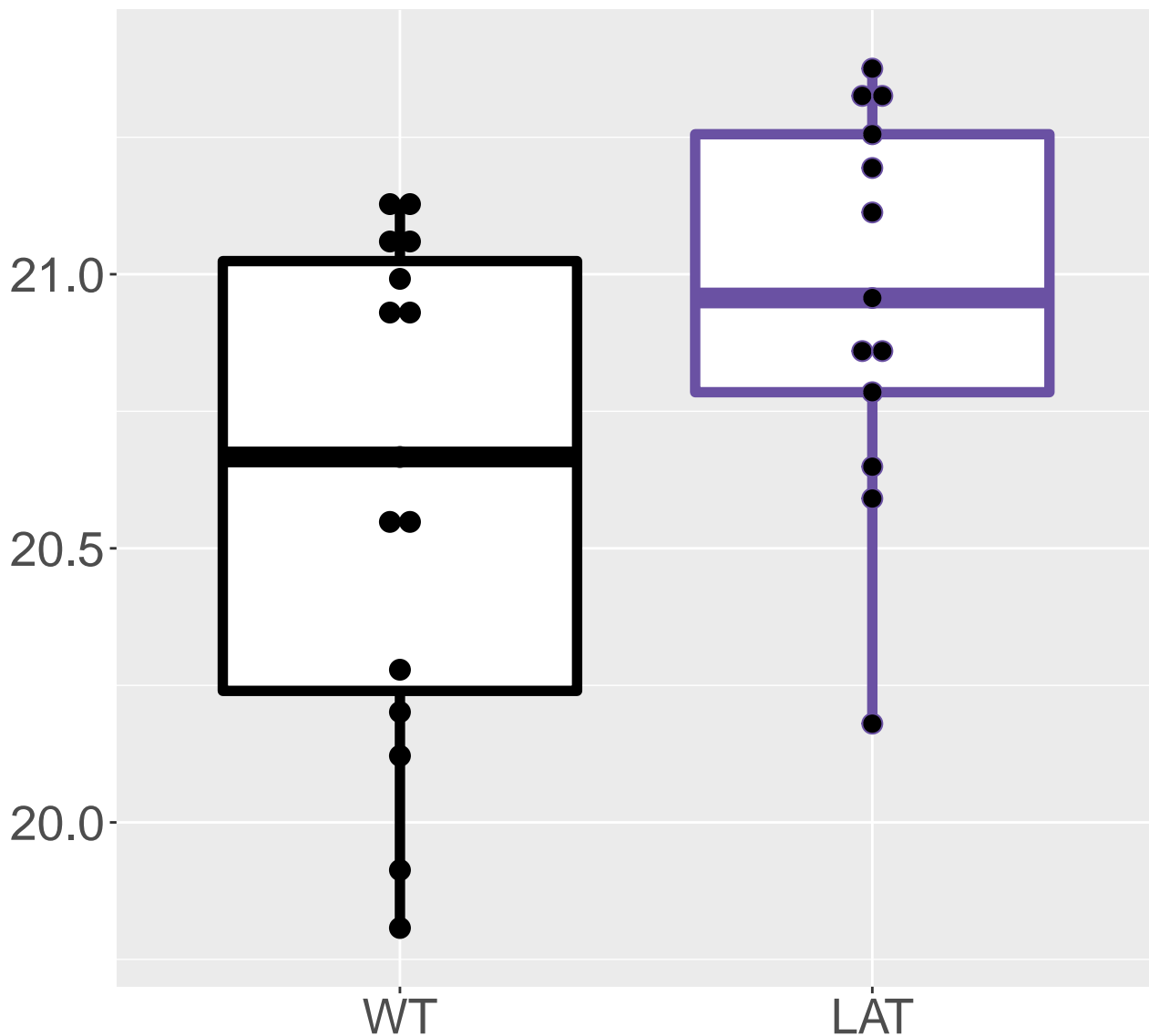
**M328.4848T434.42**

**FDR = 0.0099, FC = 0.52**

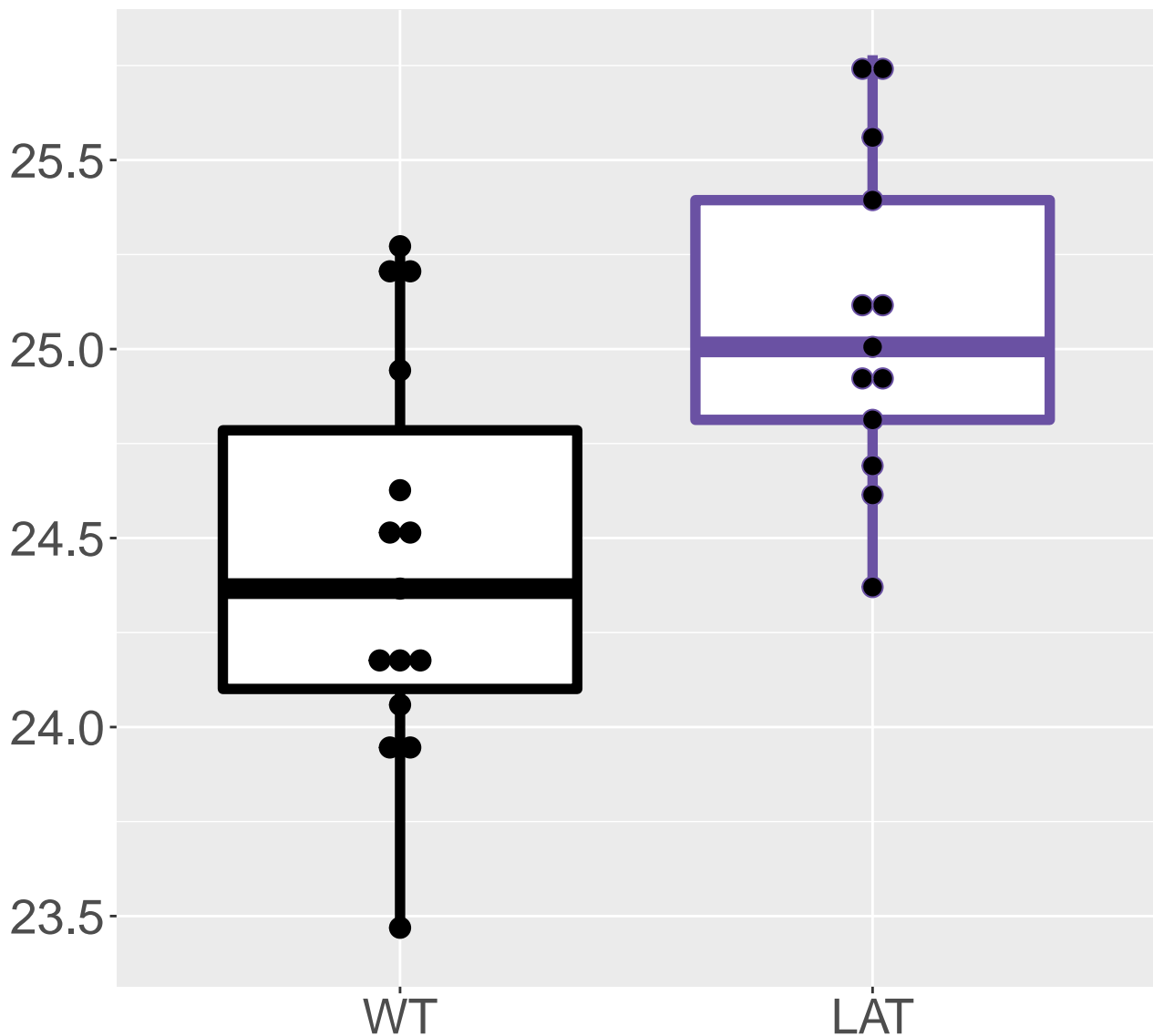


**M281.0997T215.87**

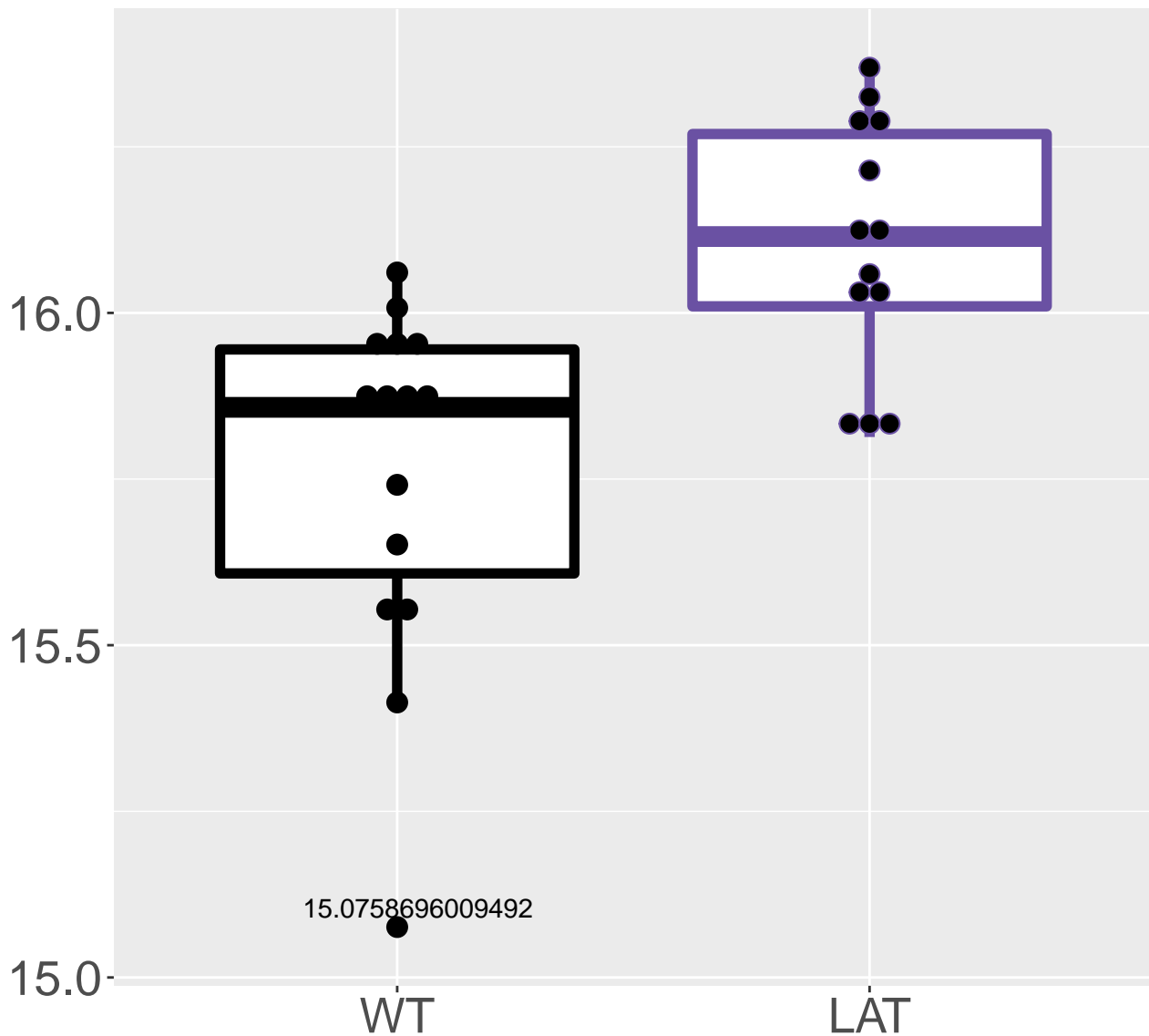
**FDR = 0.01, FC = 0.34, sex\*\*\***



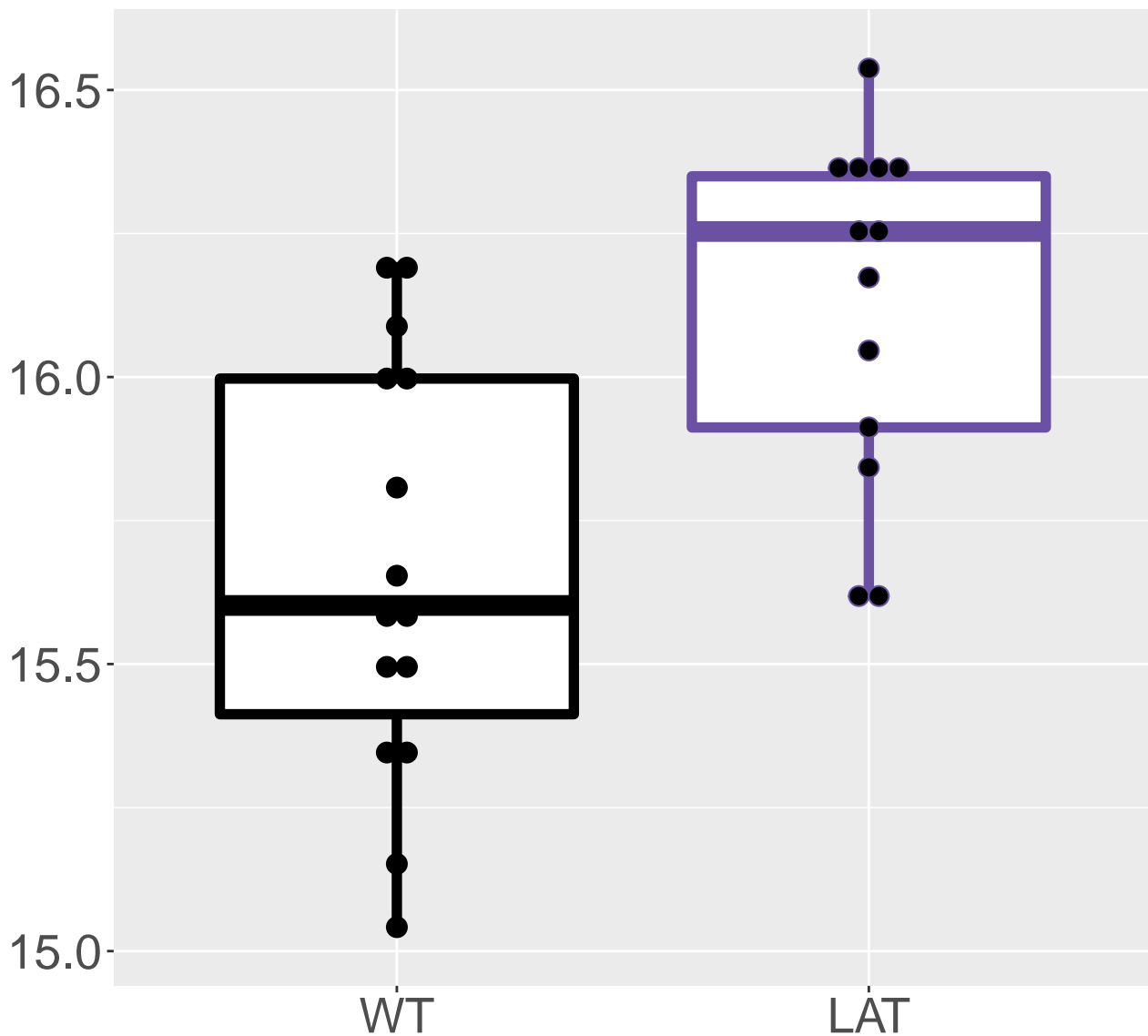
**$\hat{I}_{\pm}$ -Ketoglutaric acid;2-Oxoglutaric acid;2-Ke**  
**FDR = 0.01, FC = 0.64**



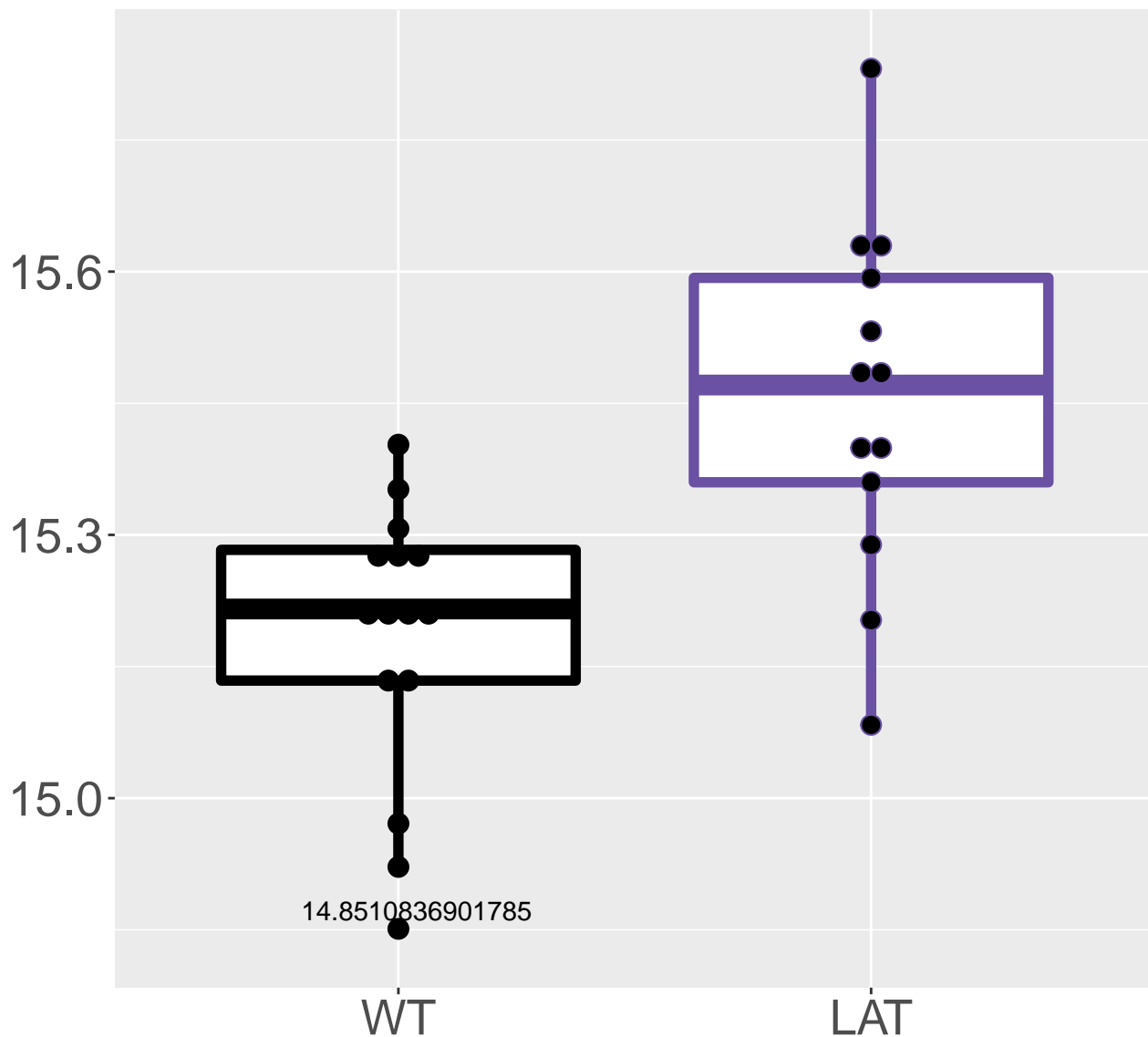
**M379.9186T993.44**  
**FDR = 0.01, FC = 0.35**



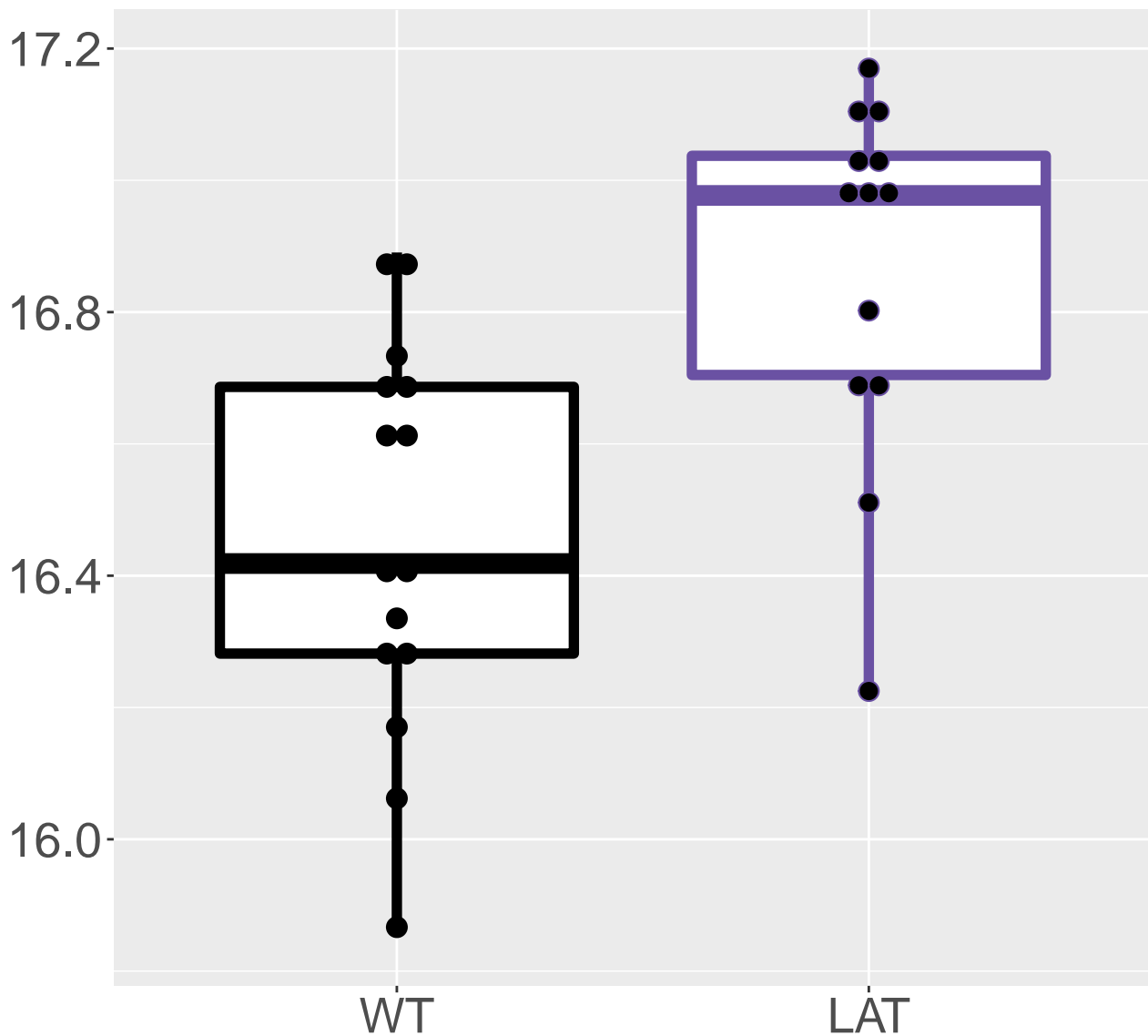
**M354.9864T436.73**  
**FDR = 0.01, FC = 0.47**



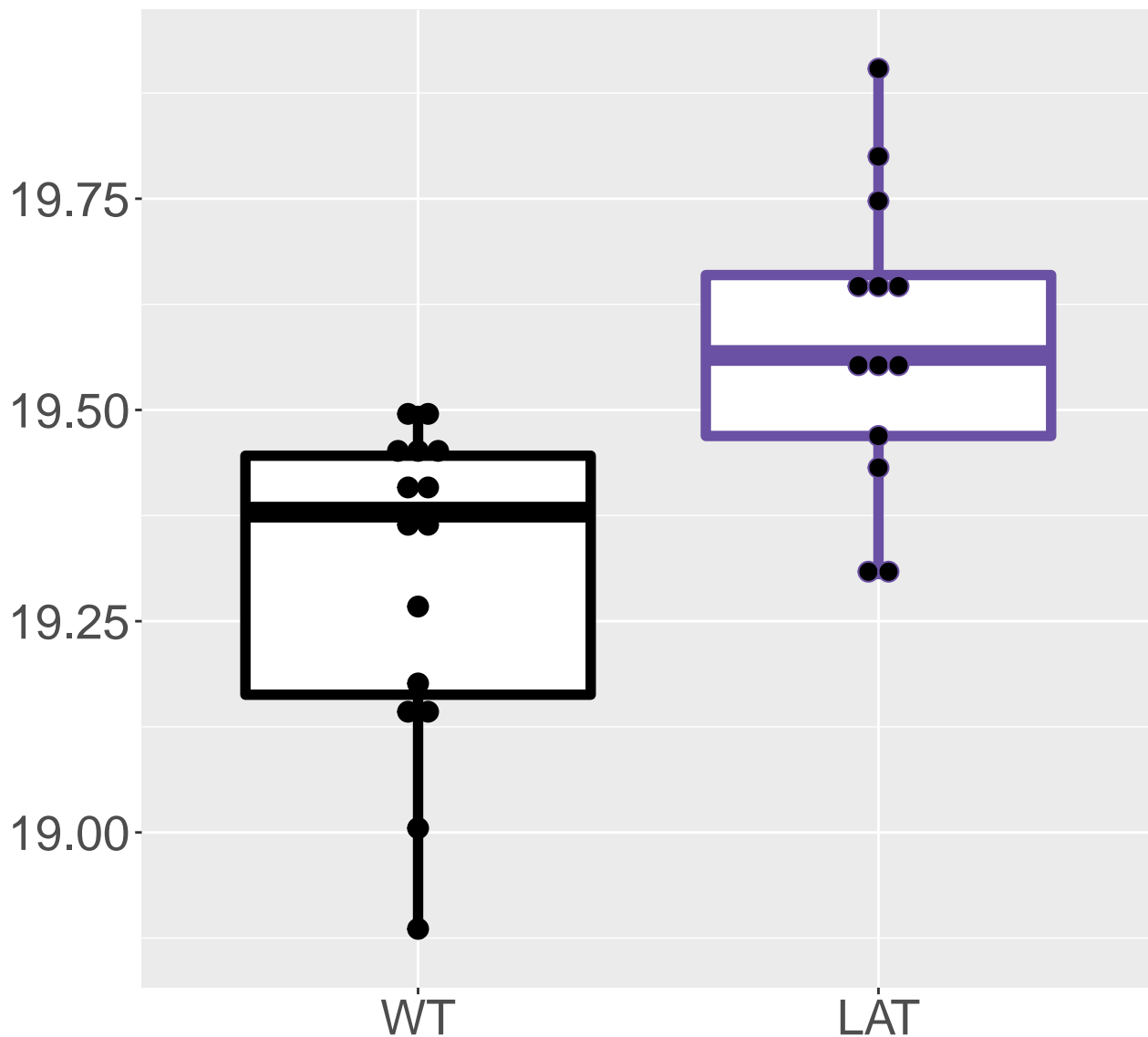
**M206.9117T1020.58\_1**  
**FDR = 0.01, FC = 0.27**



**M246.9827T436.6**  
**FDR = 0.01, FC = 0.41**

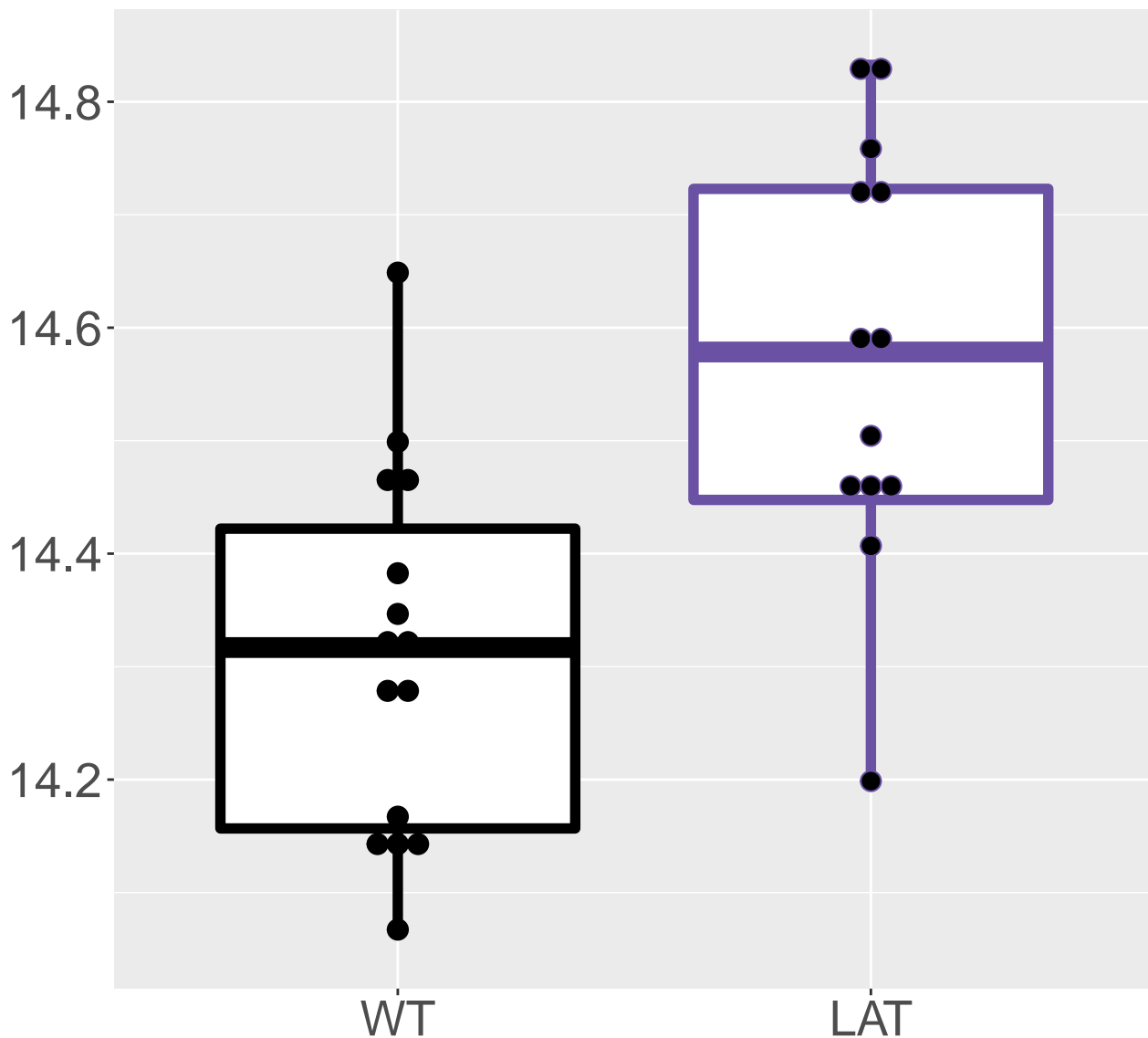


**M417.8957T993.88**  
**FDR = 0.01, FC = 0.28**

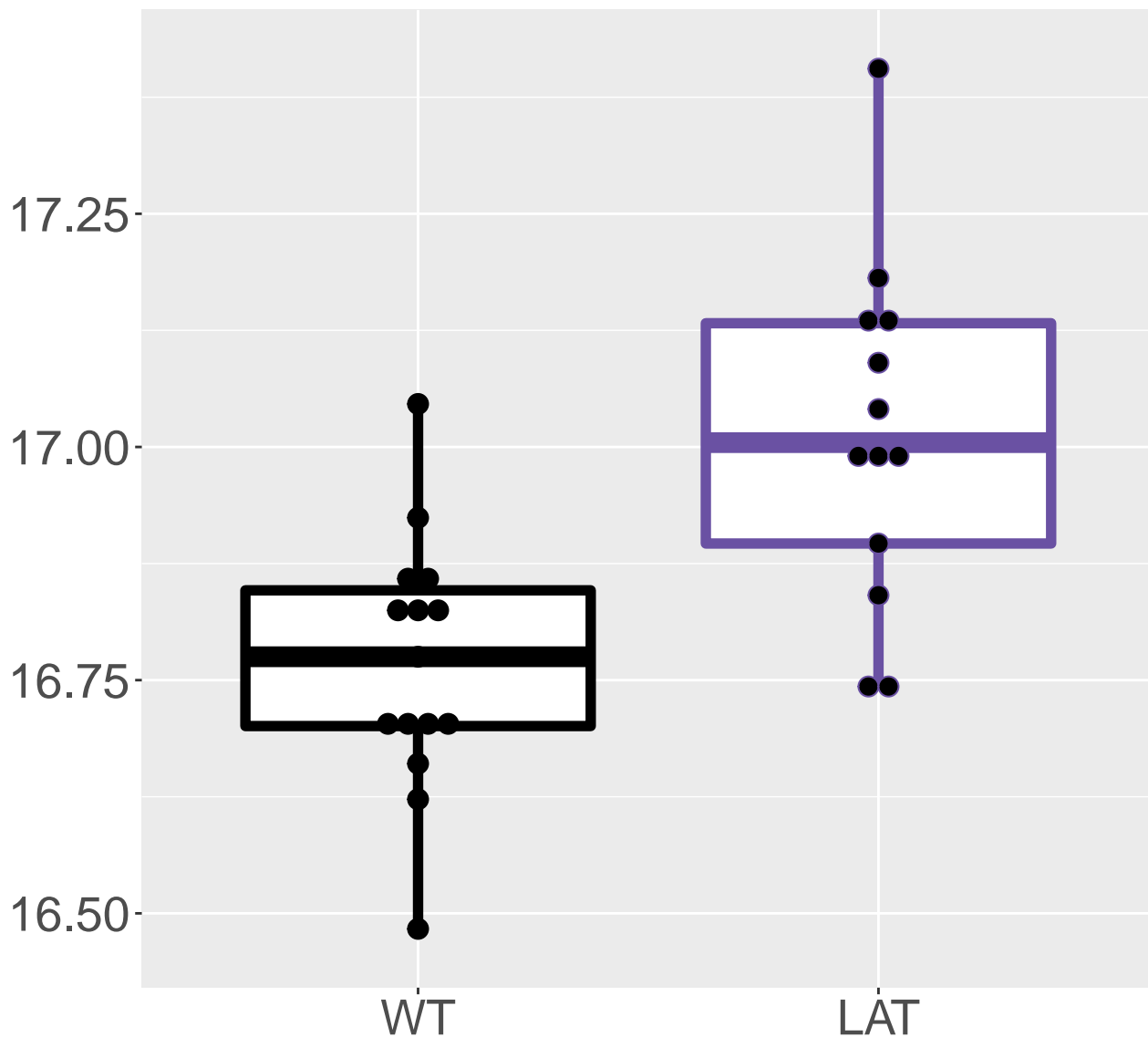




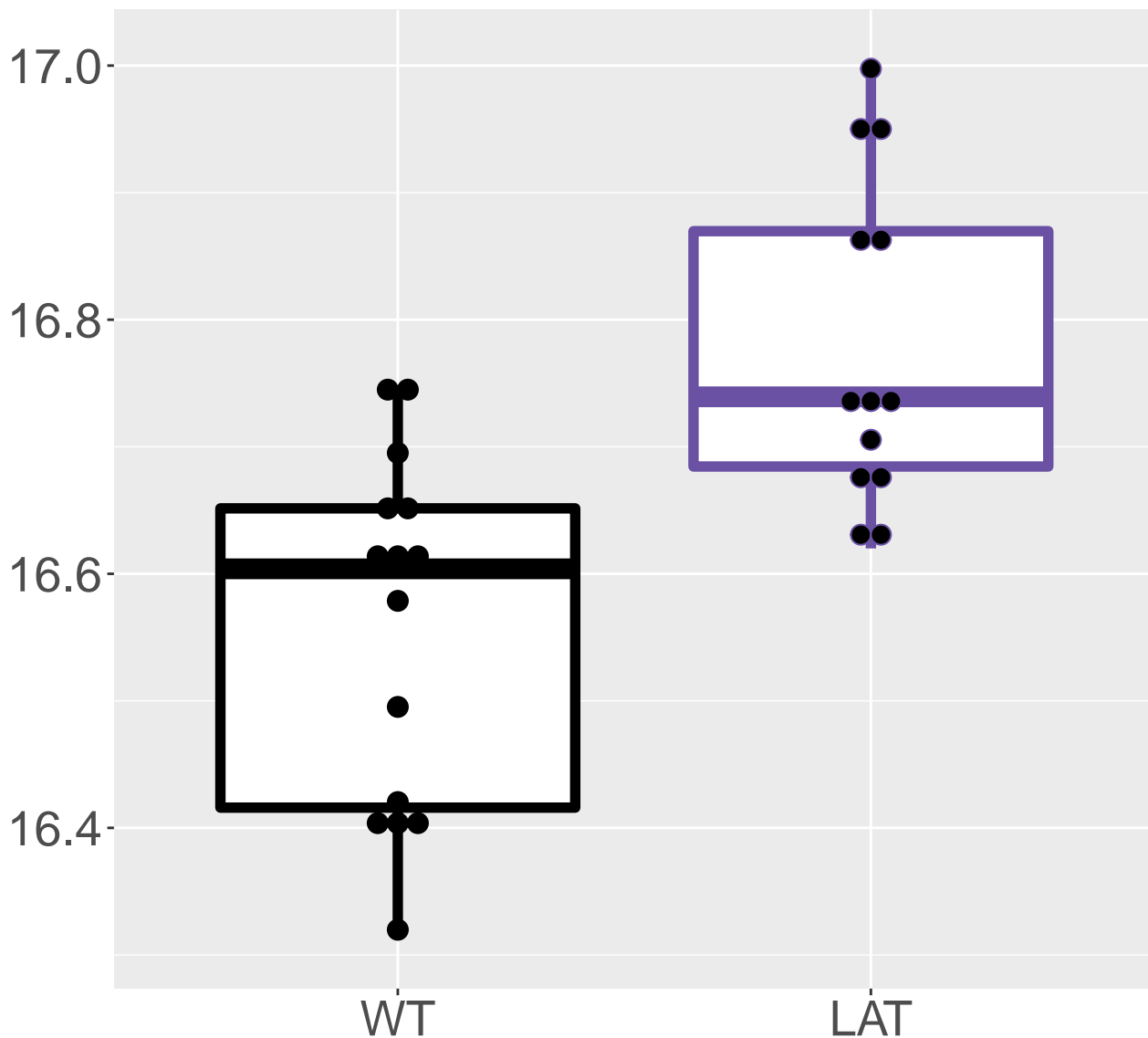
**M482.8013T1029.46**  
**FDR = 0.01, FC = 0.27**



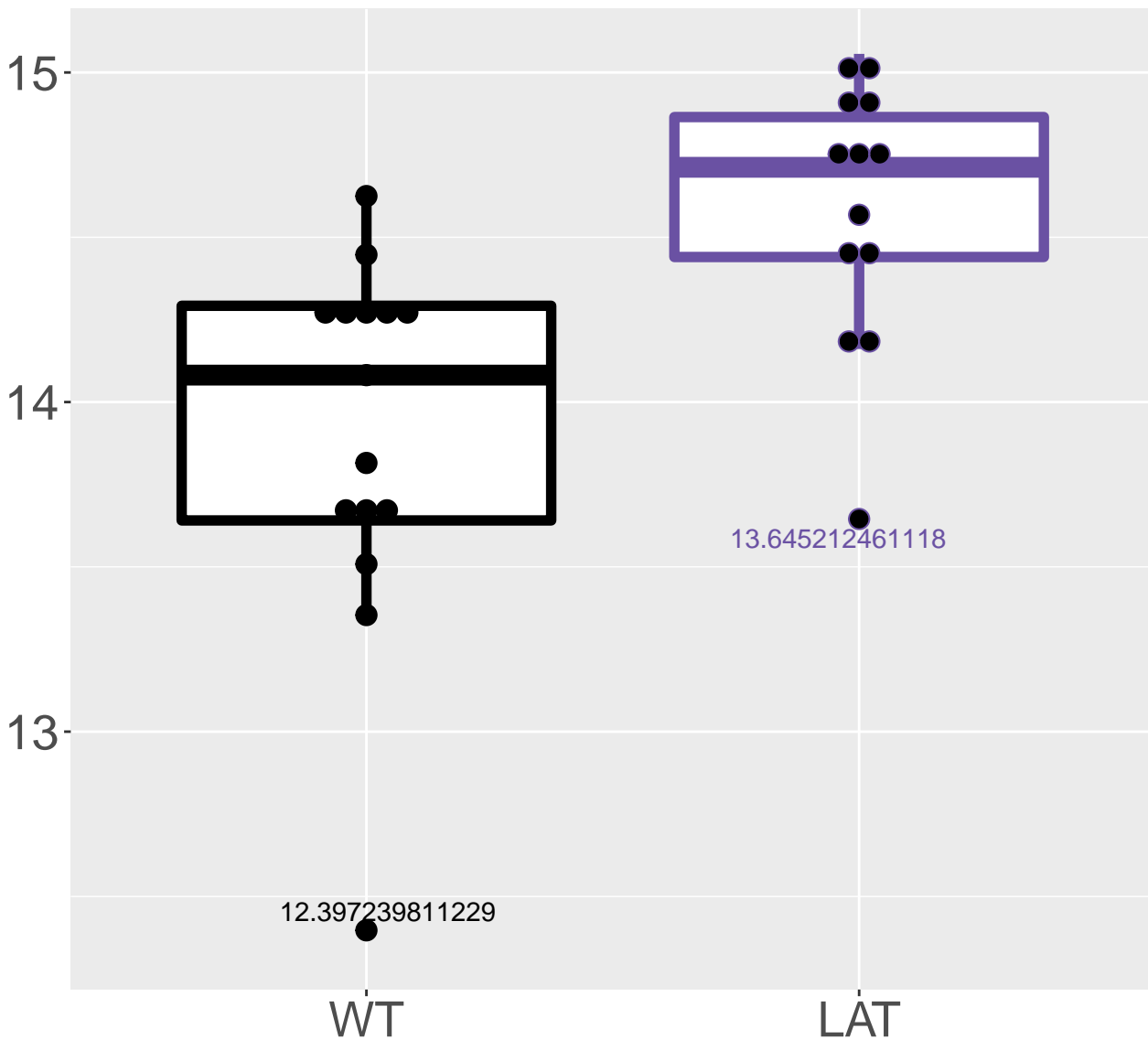
**M222.8858T1026.8\_1**  
**FDR = 0.01, FC = 0.25**



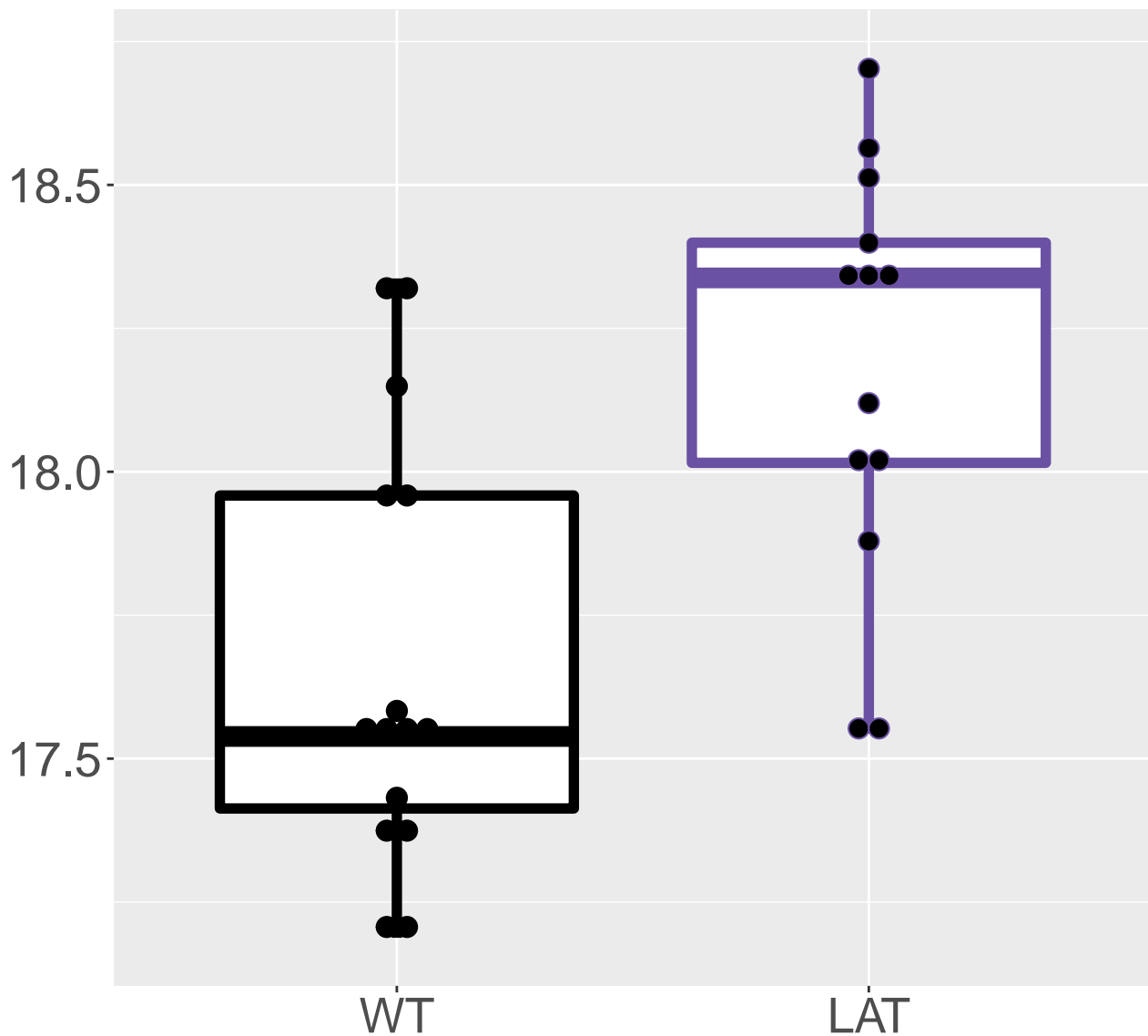
**M265.999T993.84**  
**FDR = 0.01, FC = 0.22**



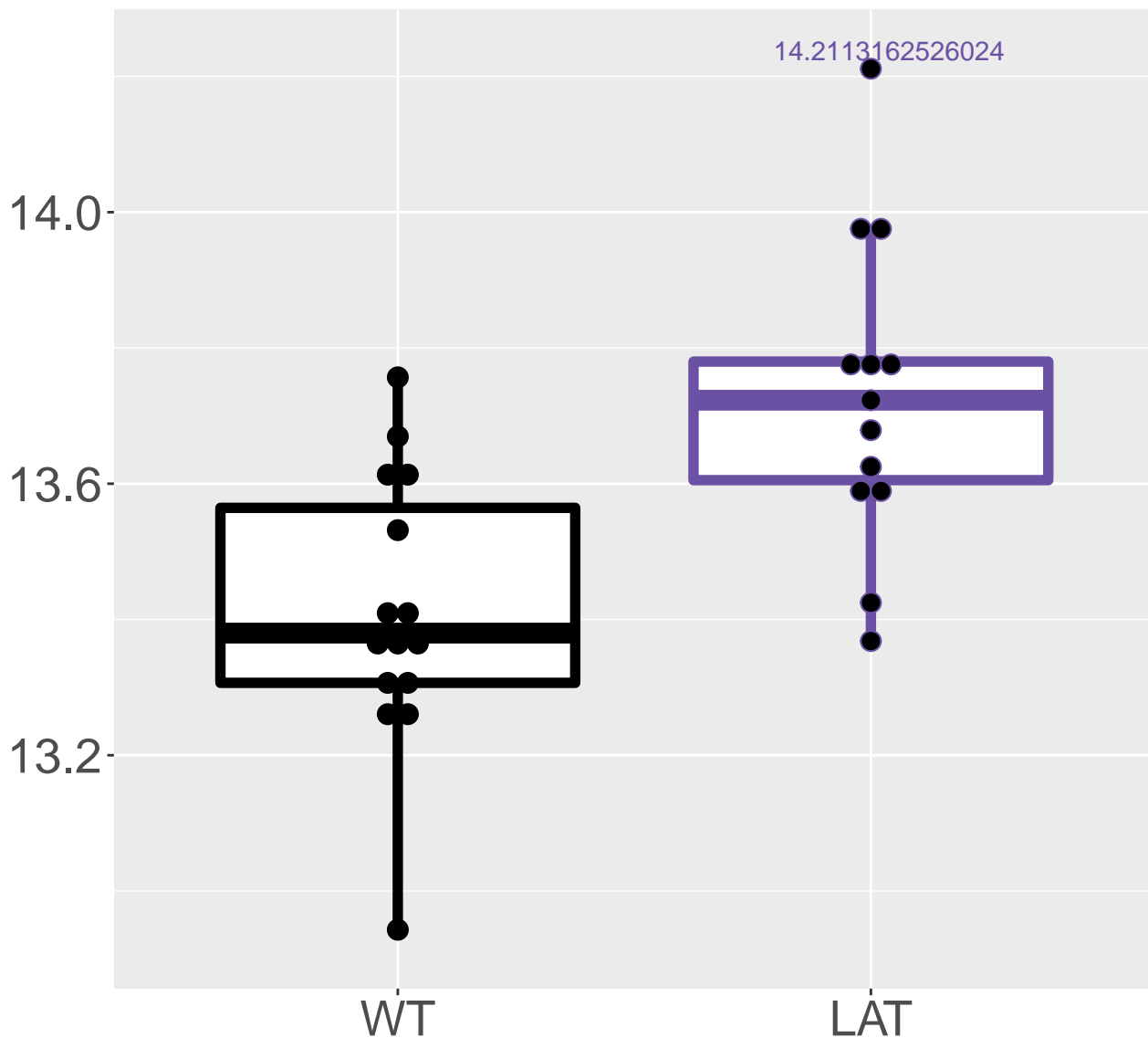
**M411.8969T993.26**  
**FDR = 0.01, FC = 0.68**



**M245.0438T398.65**  
**FDR = 0.01, FC = 0.51**

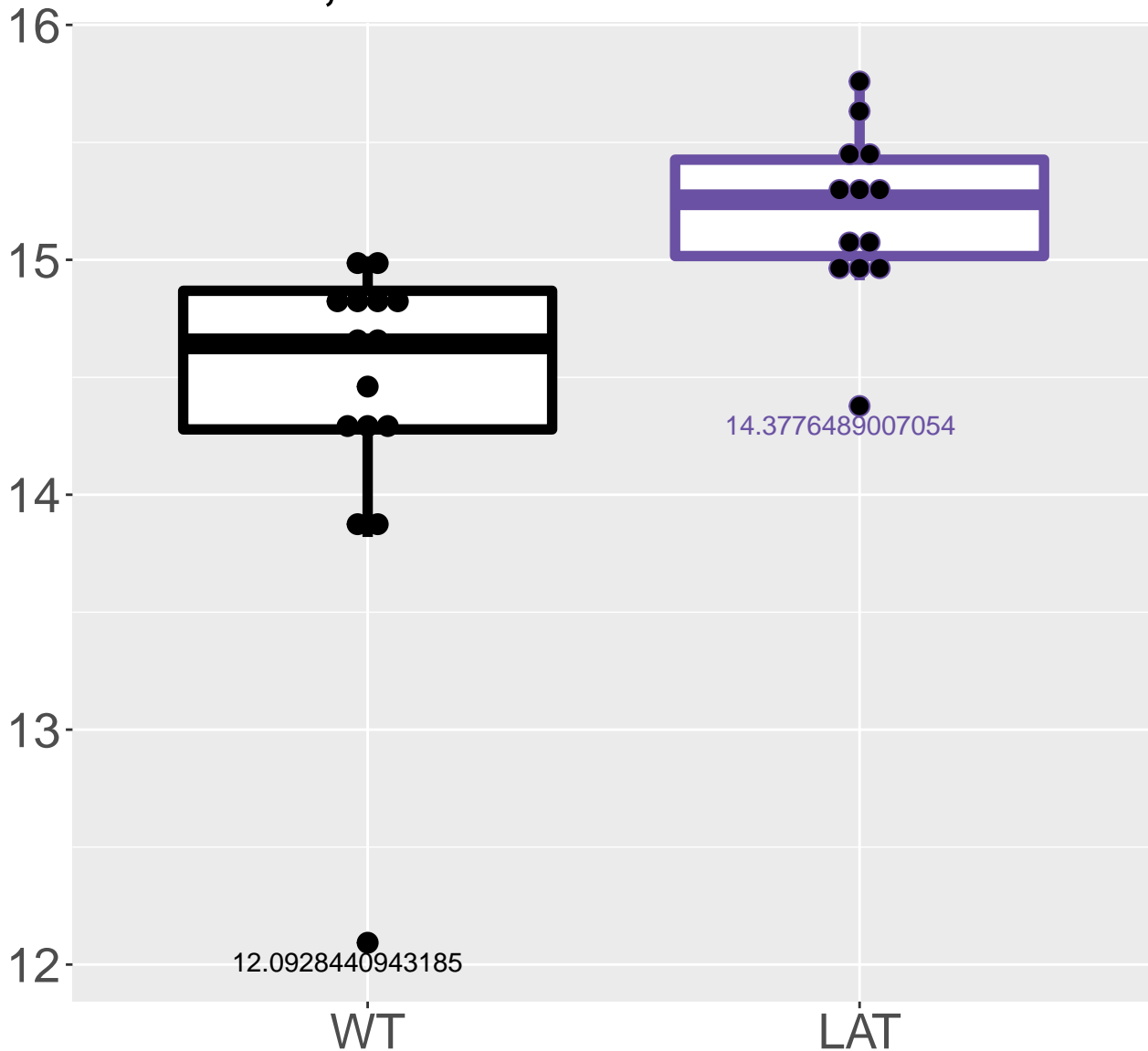


**M642.6955T1027.95**  
**FDR = 0.01, FC = 0.32**

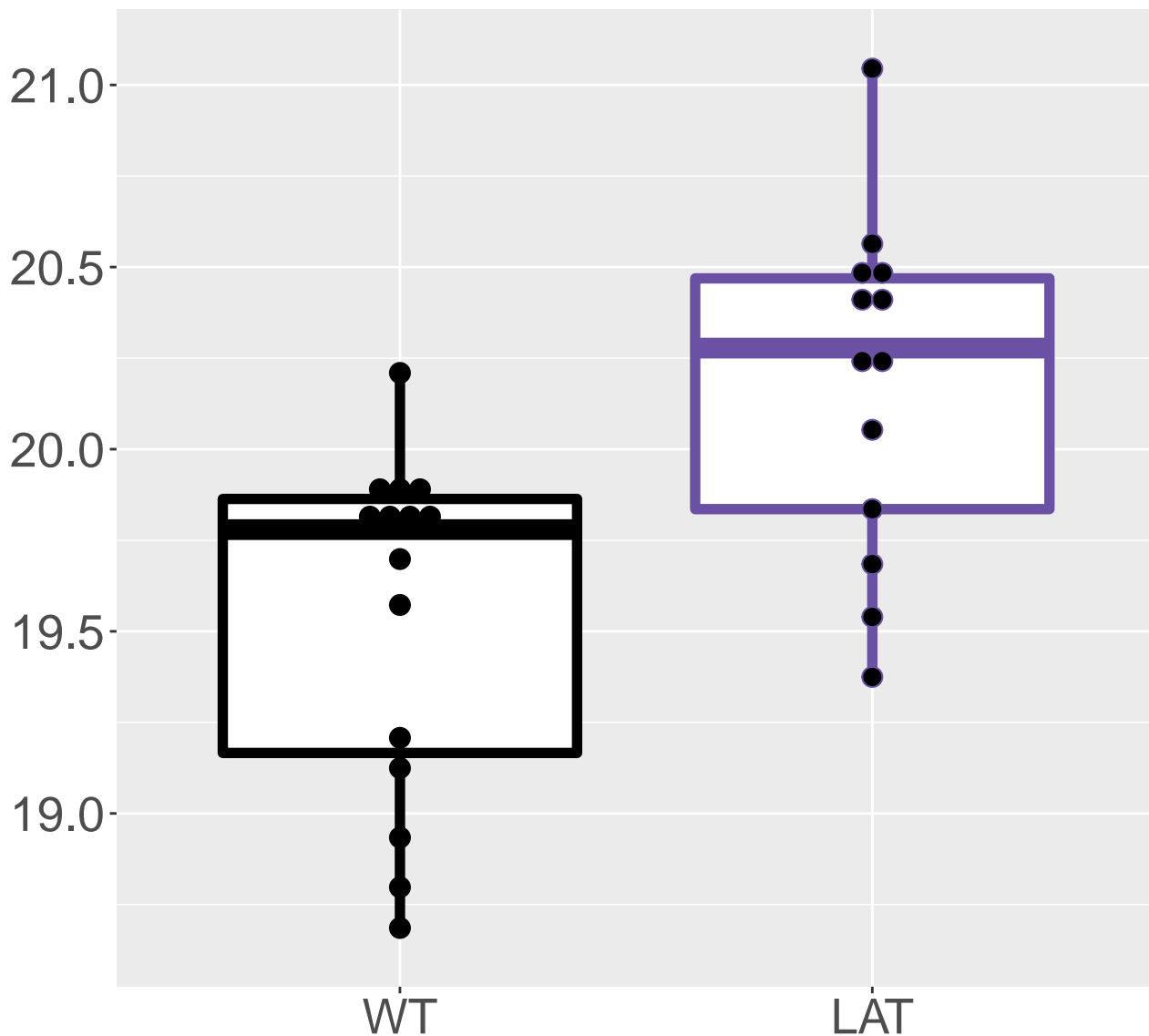


**M526.3501T993.44\_2**

**FDR = 0.01, FC = 0.81**



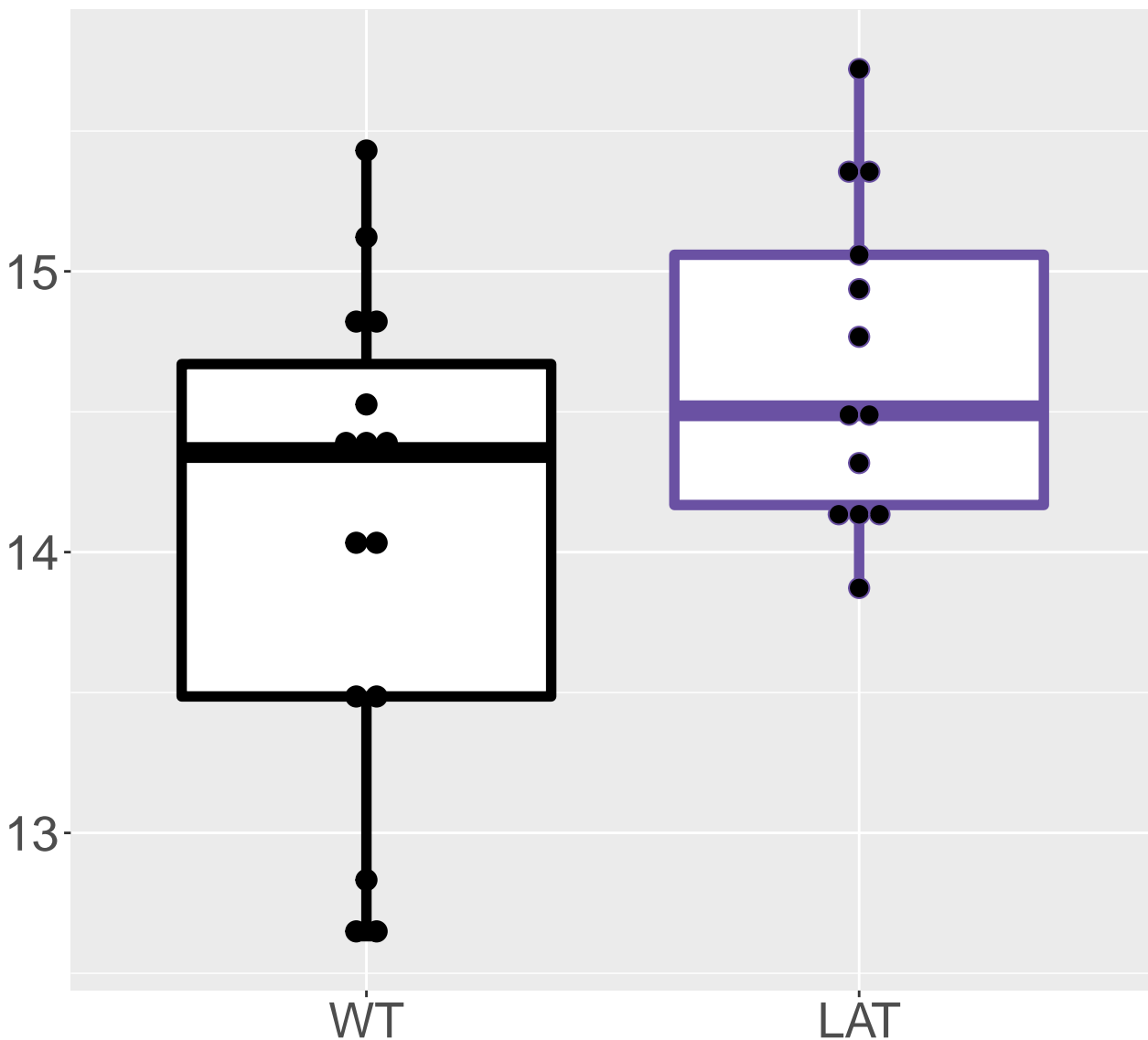
**M267.0362T555.79**  
**FDR = 0.01, FC = 0.64**



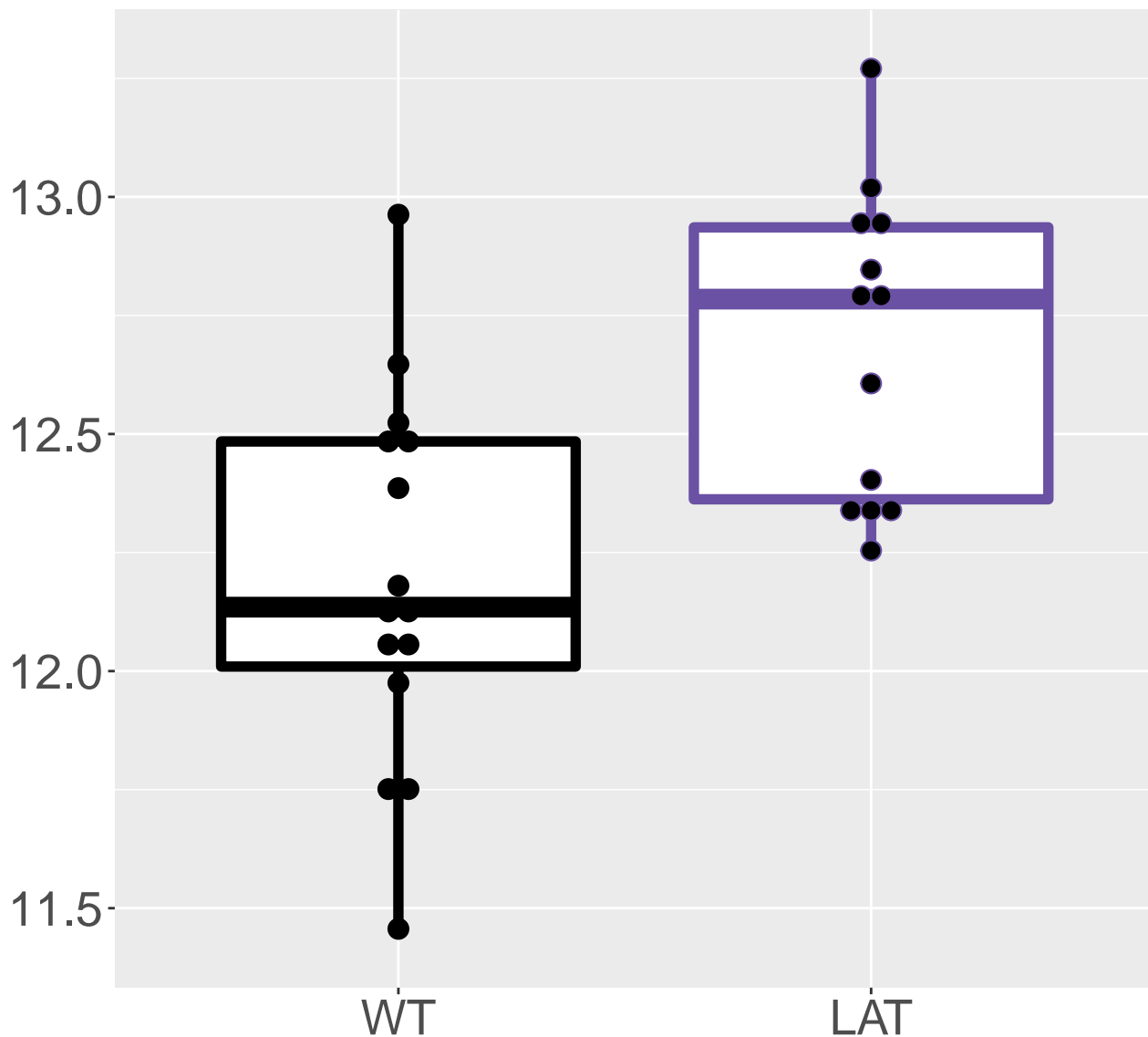


**M207.5761T153.07**

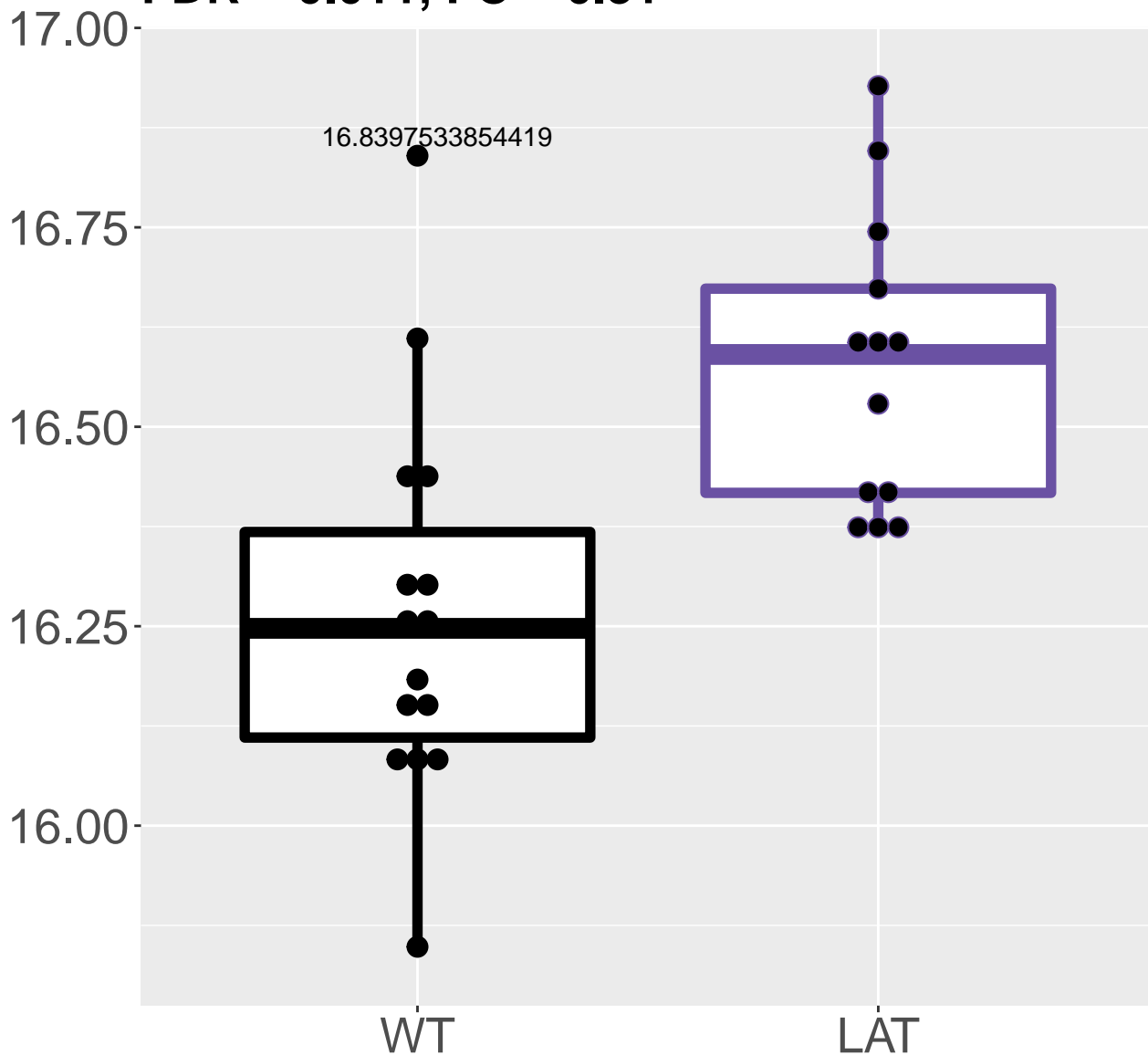
**FDR = 0.011, FC = 0.6, sex\*\*\***



**M682.7139T1029.43**  
**FDR = 0.011, FC = 0.49**

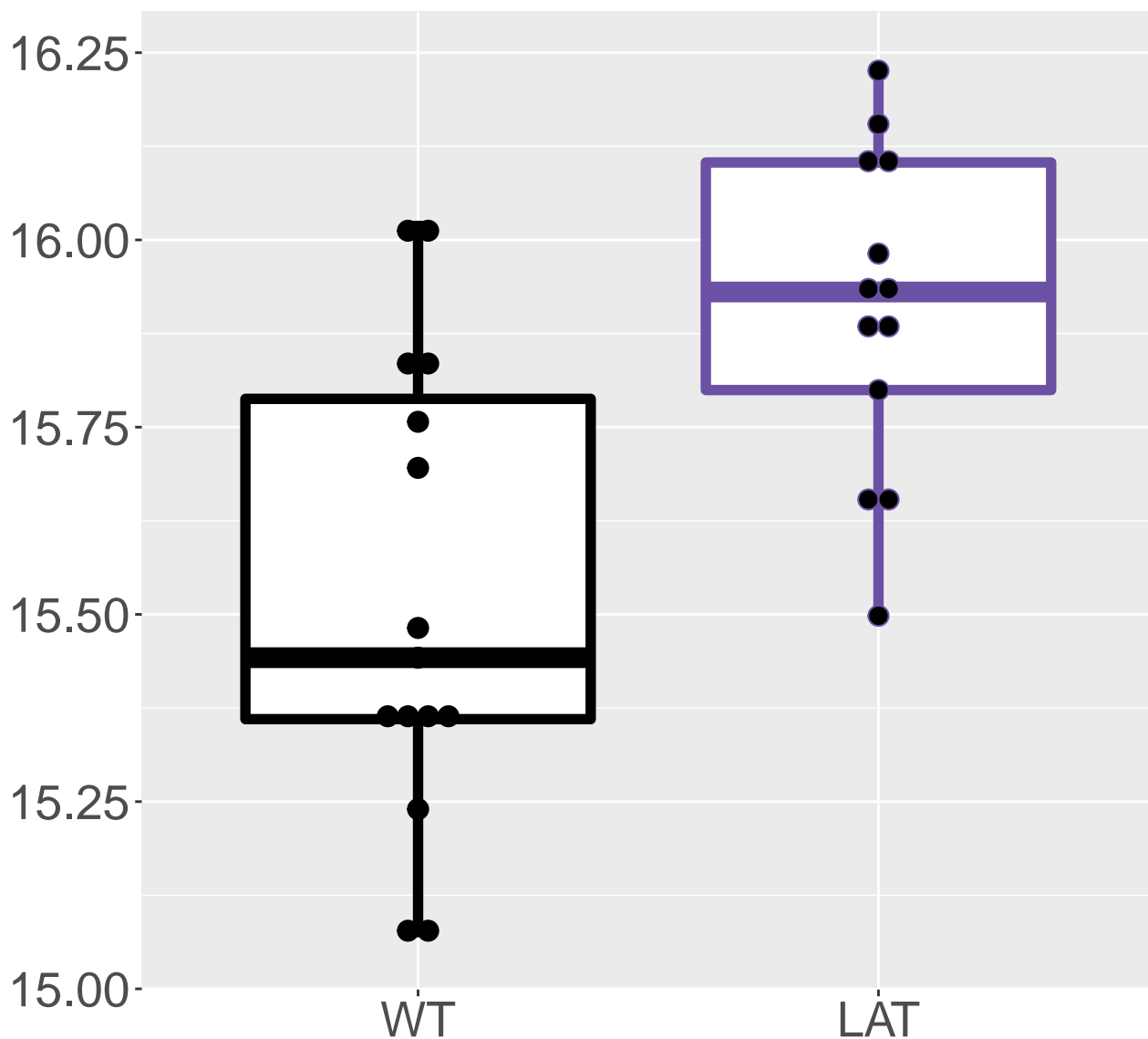


**M182.0572T324.32**  
**FDR = 0.011, FC = 0.31**

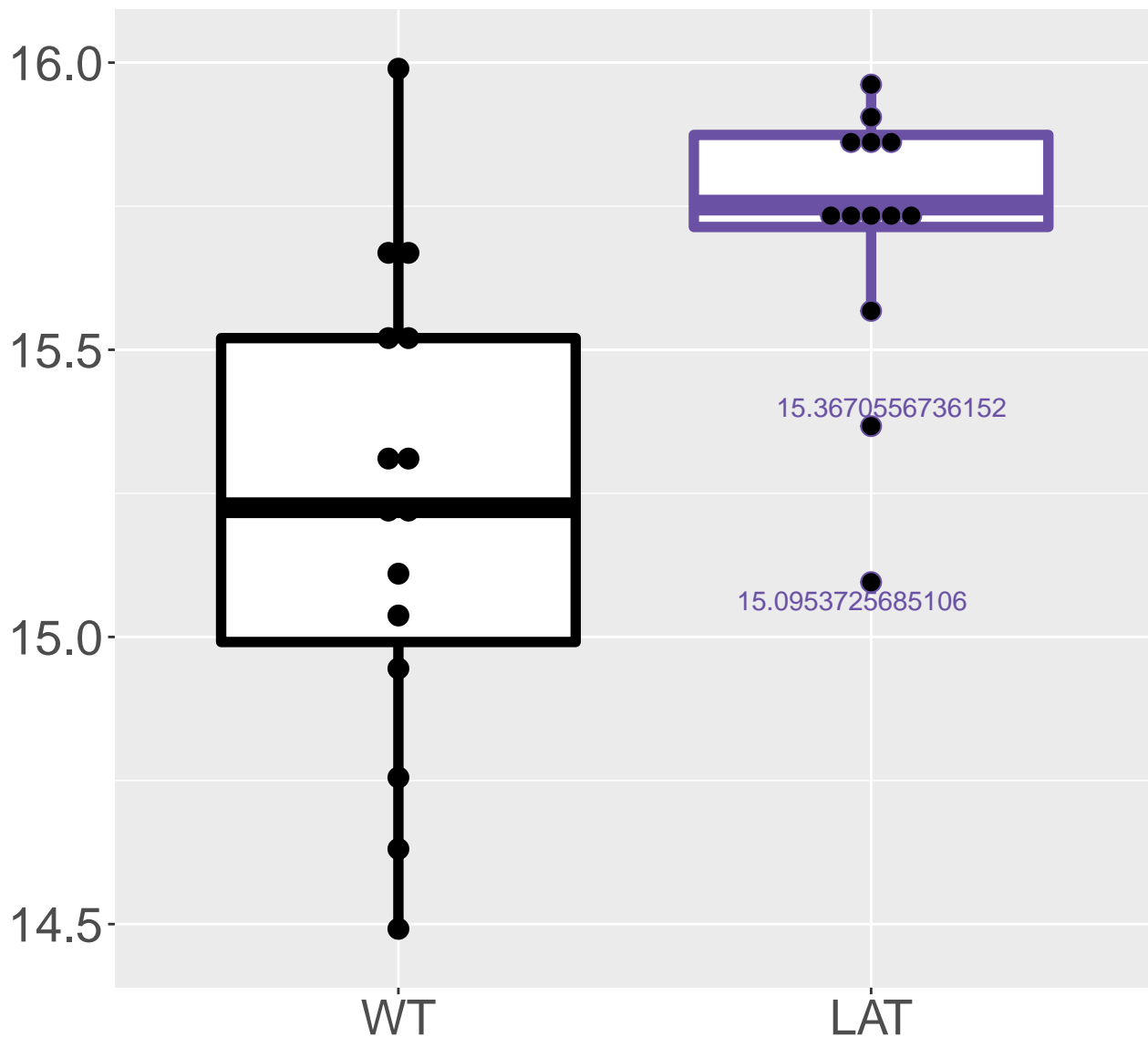


**M416.9377T993.76**

**FDR = 0.011, FC = 0.38**

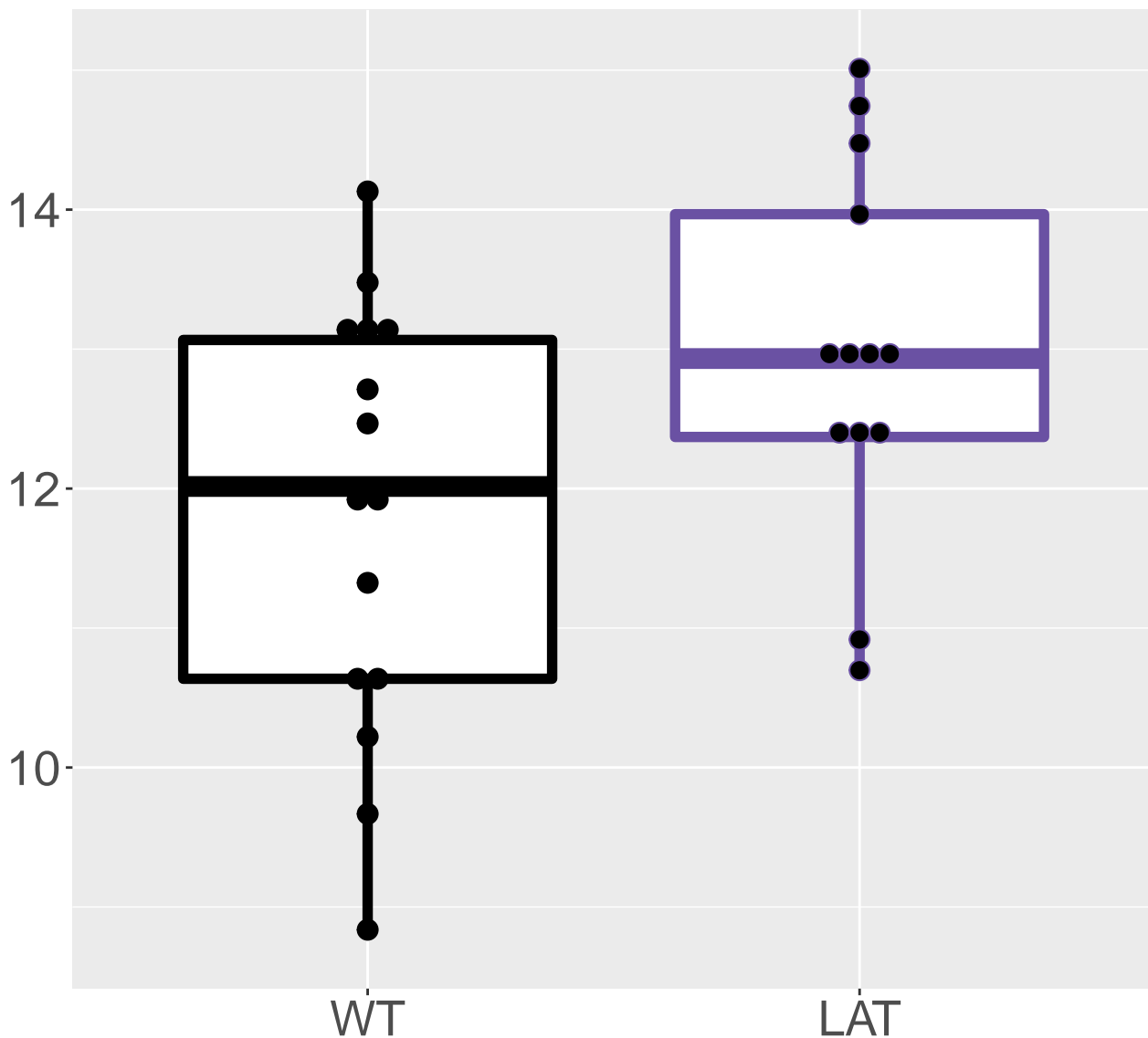


**M409.9866T436.01**  
**FDR = 0.011, FC = 0.48**

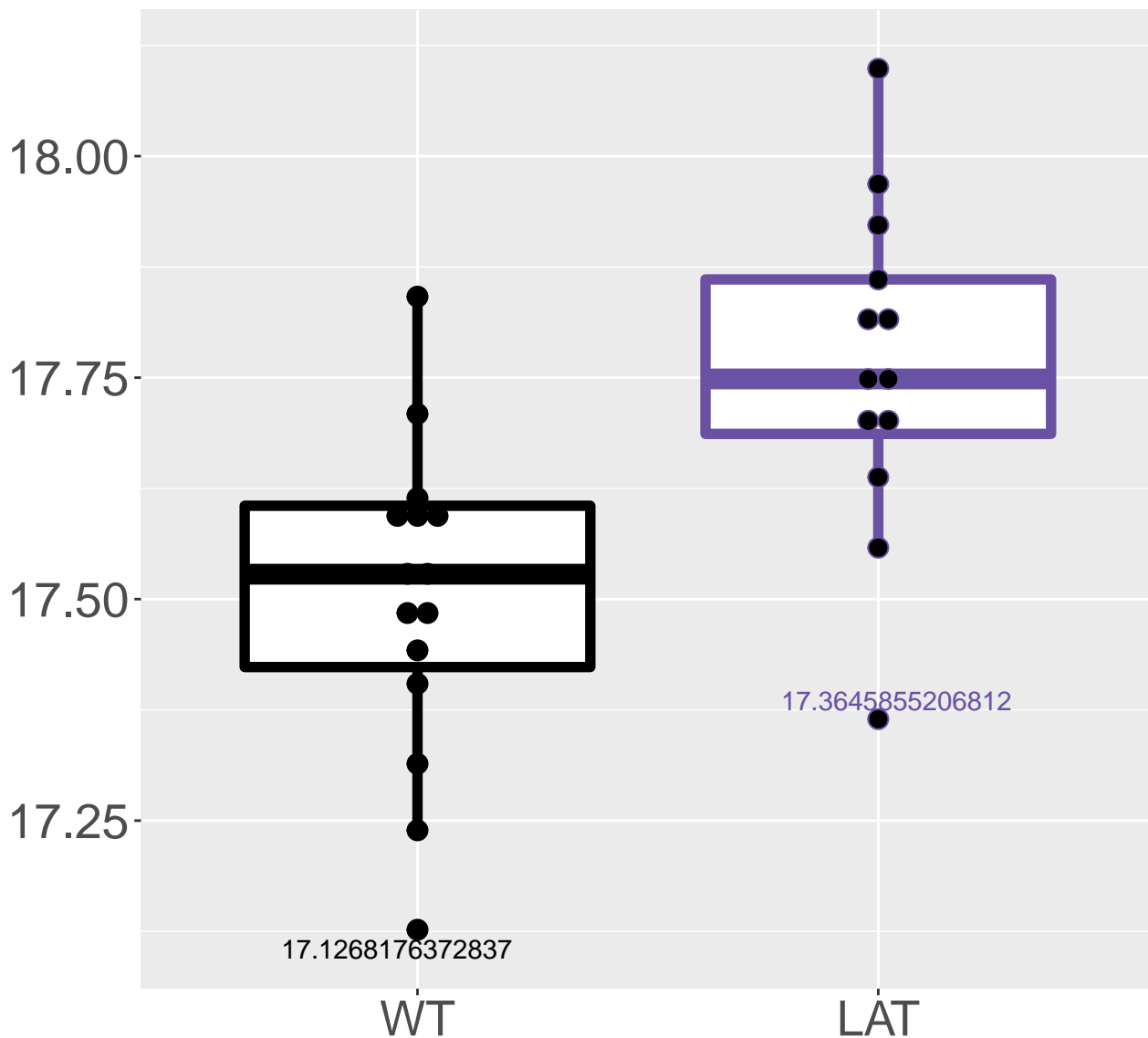


**M231.9925T633.4**

**FDR = 0.011, FC = 1.2, sex\*\*\***

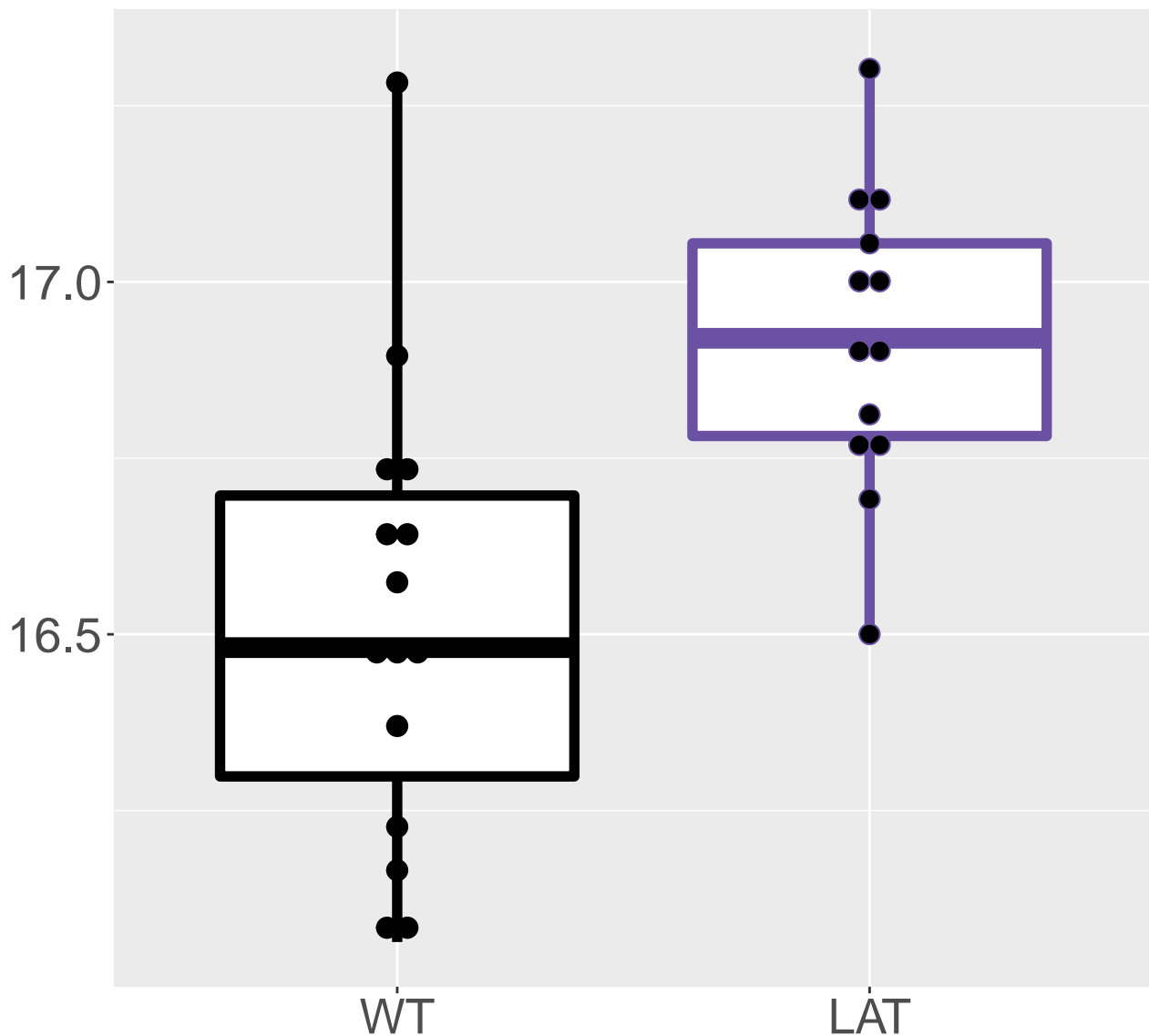


**M420.8009T1028.51**  
**FDR = 0.011, FC = 0.26**



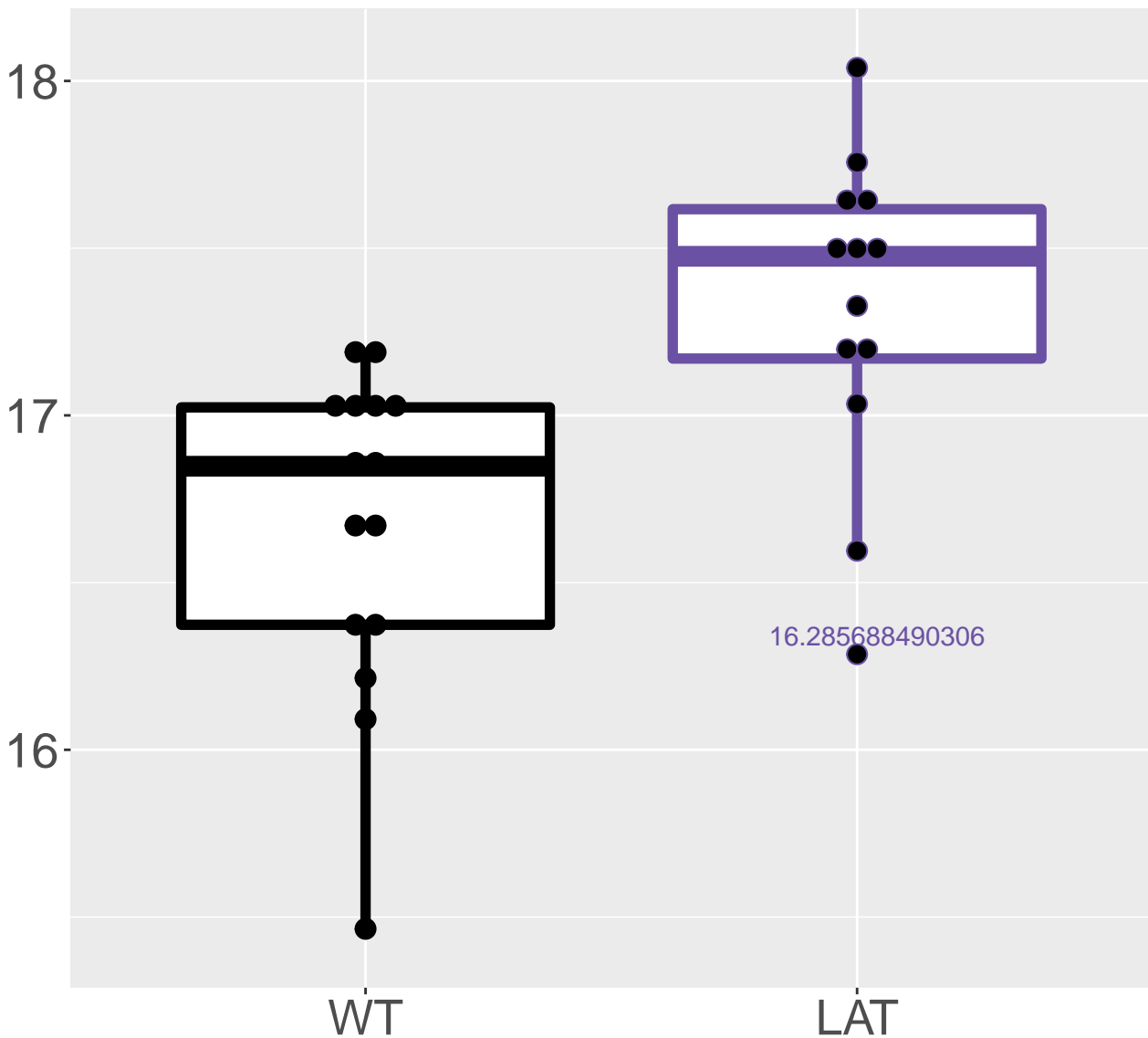
**M92.0218T112.2**

**FDR = 0.011, FC = 0.39**



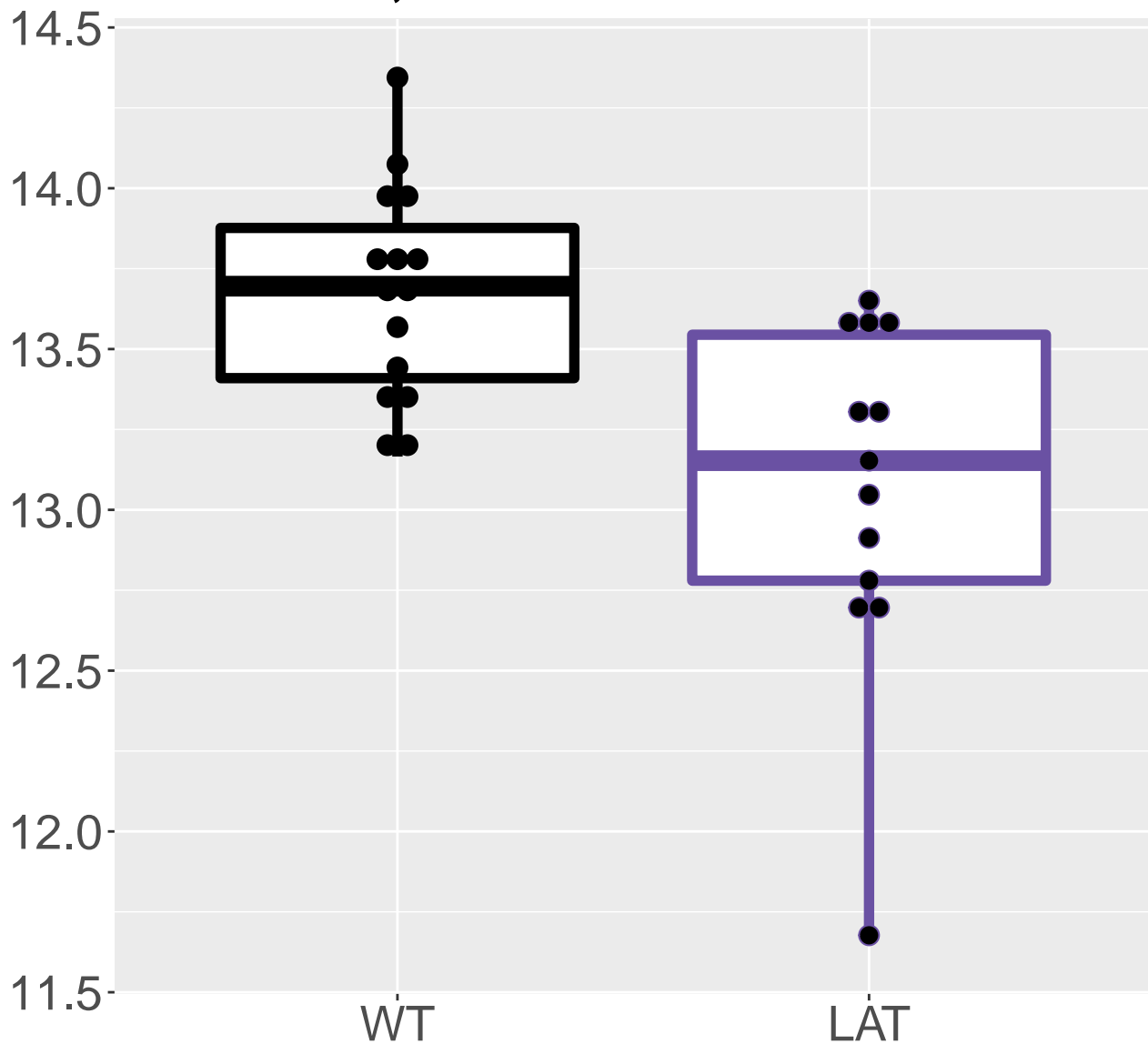


**M430.8853T993.4**  
**FDR = 0.011, FC = 0.65**



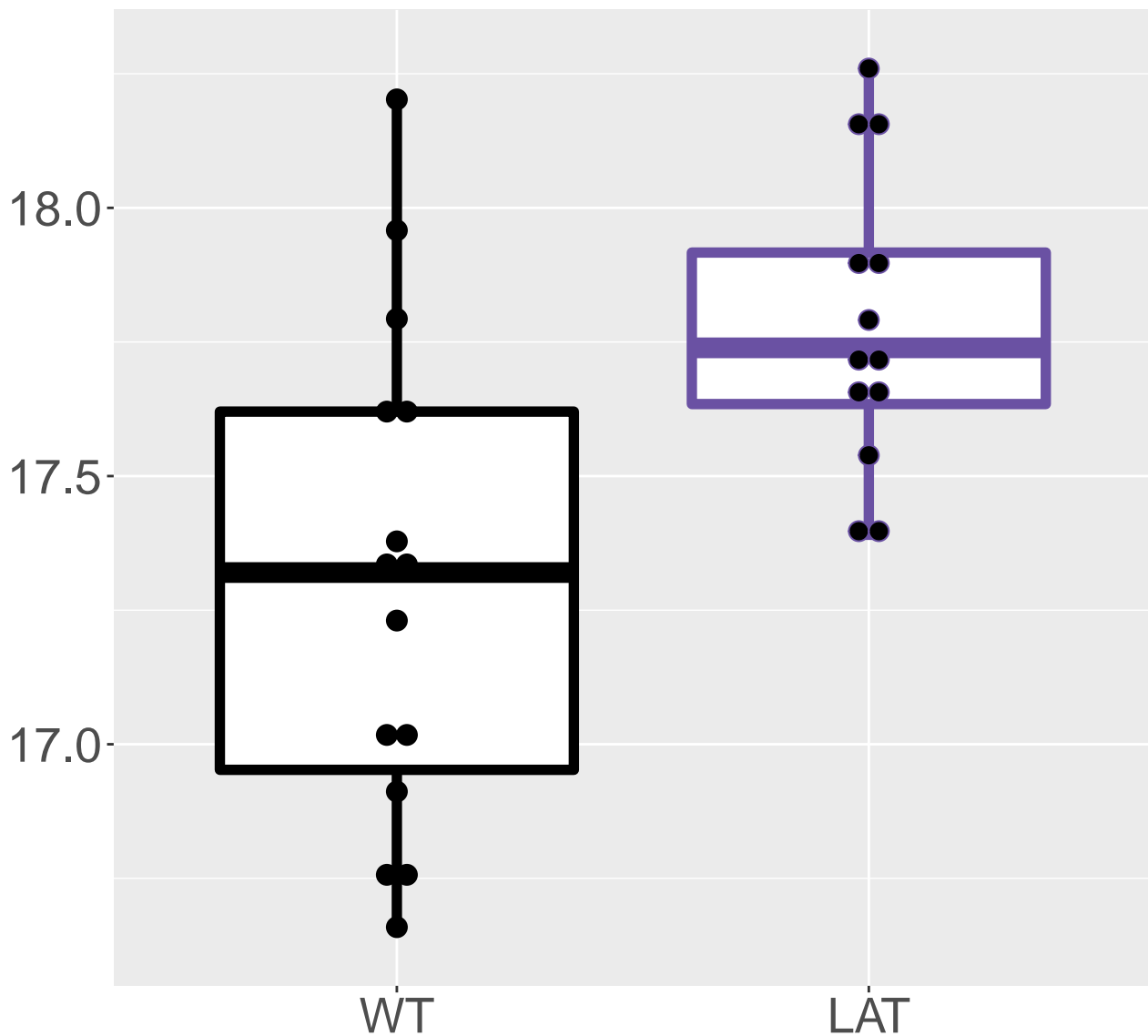
**M299.1386T213.36**

**FDR = 0.011, FC = -0.61**



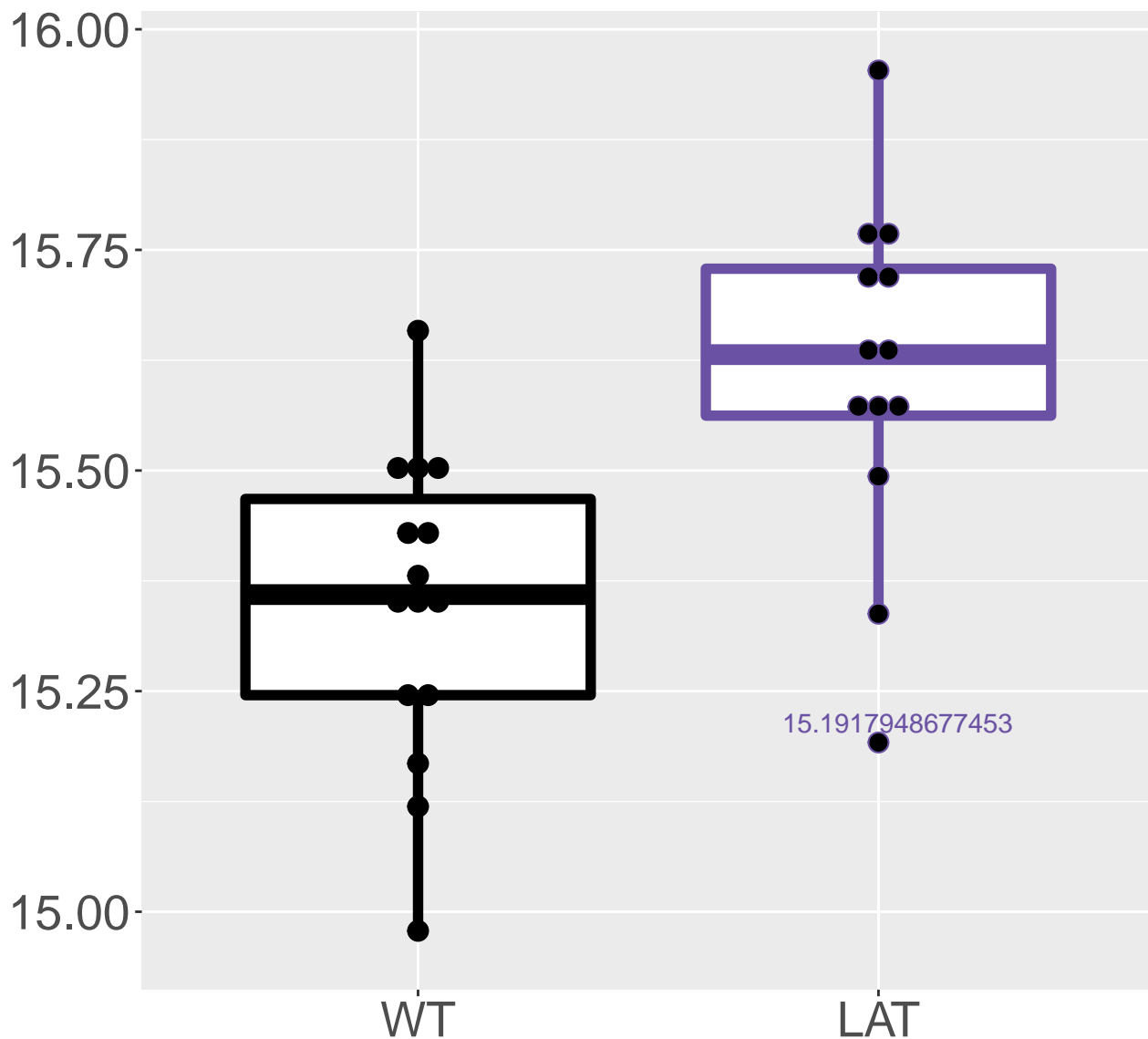
**M205.0703T161.63**

**FDR = 0.011, FC = 0.48**

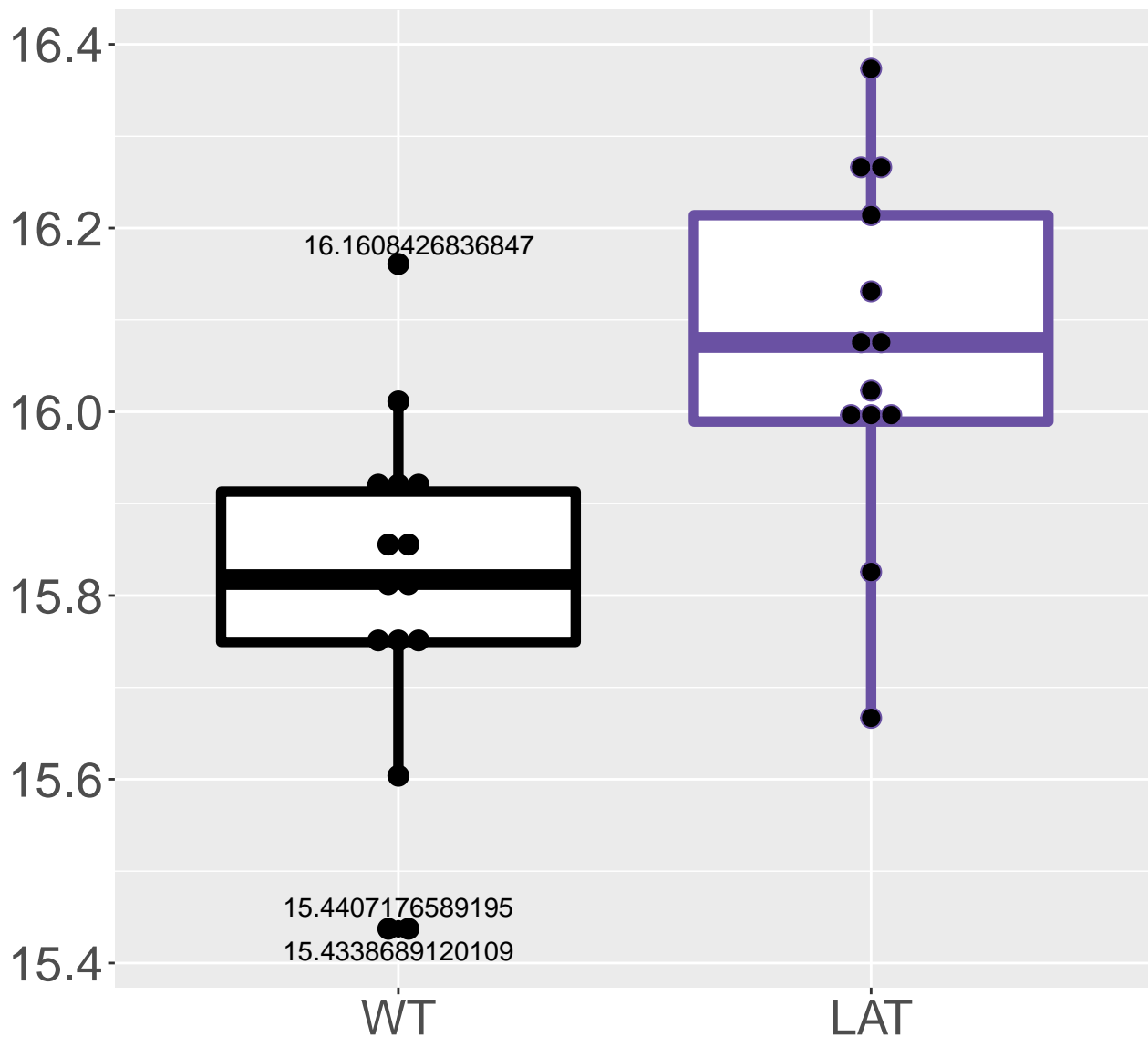


**M161.9636T1028.25**

**FDR = 0.011, FC = 0.26**

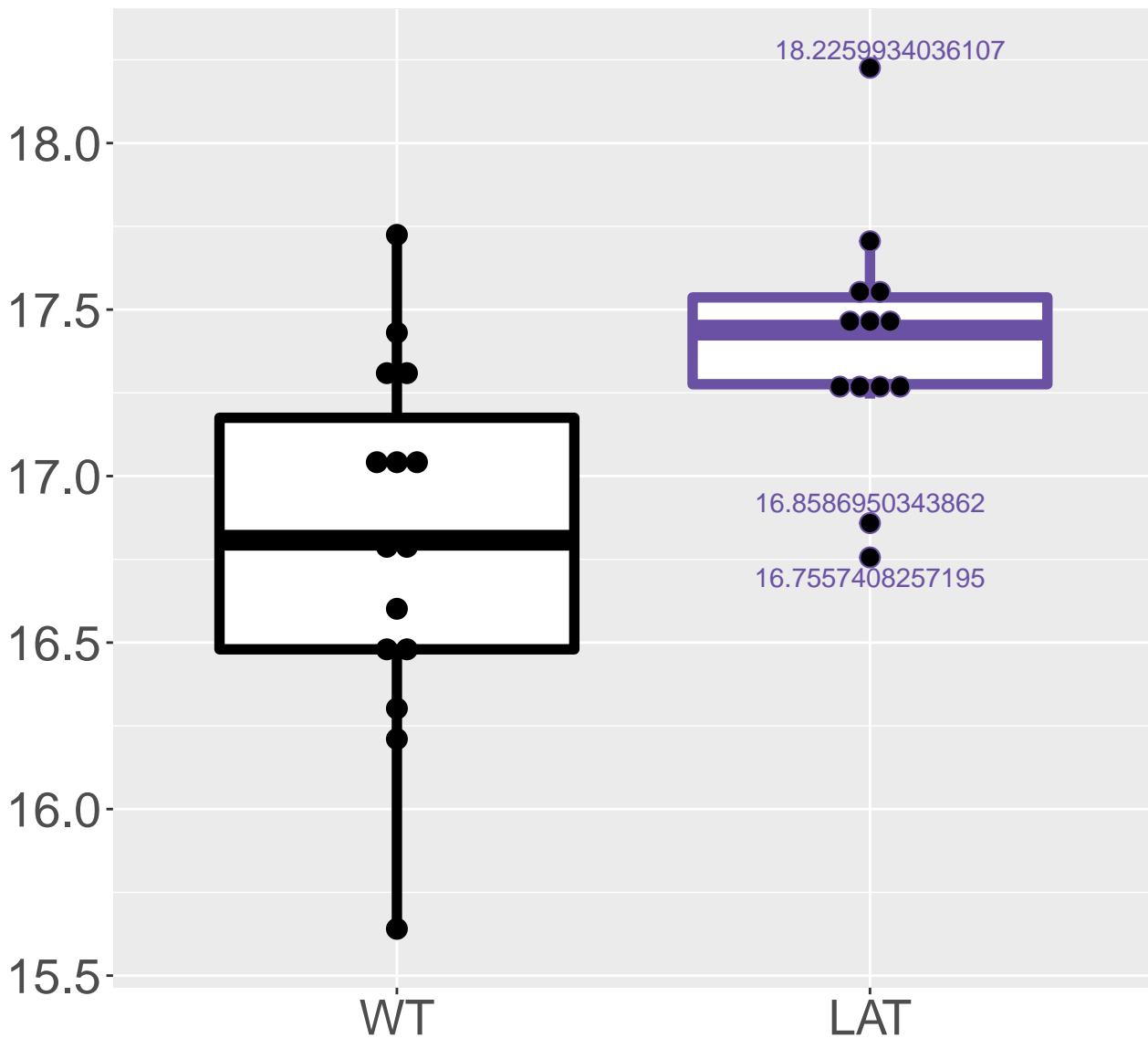


**M520.7571T1029.14**  
**FDR = 0.011, FC = 0.27**

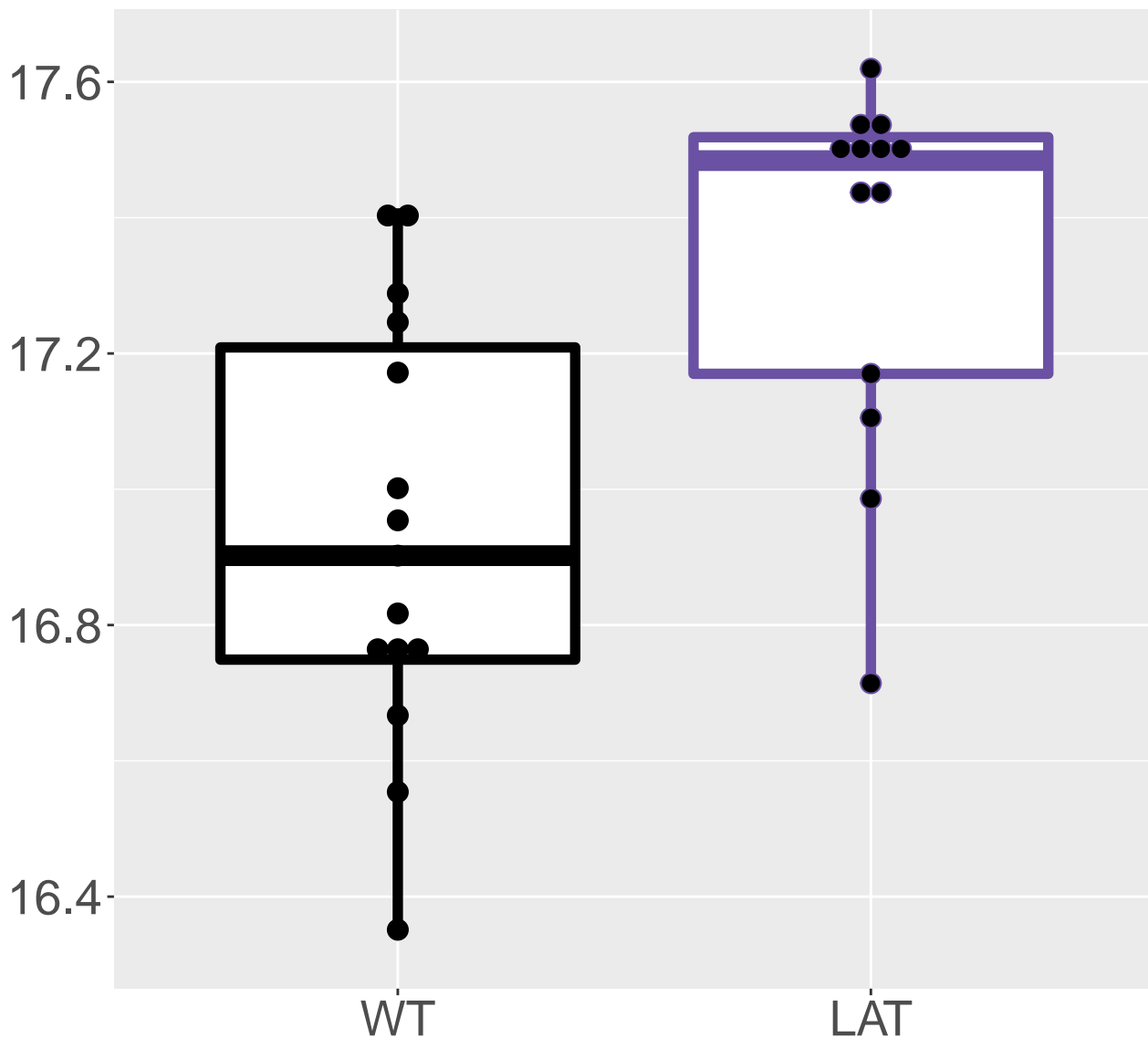


**M216.0993T386.95**

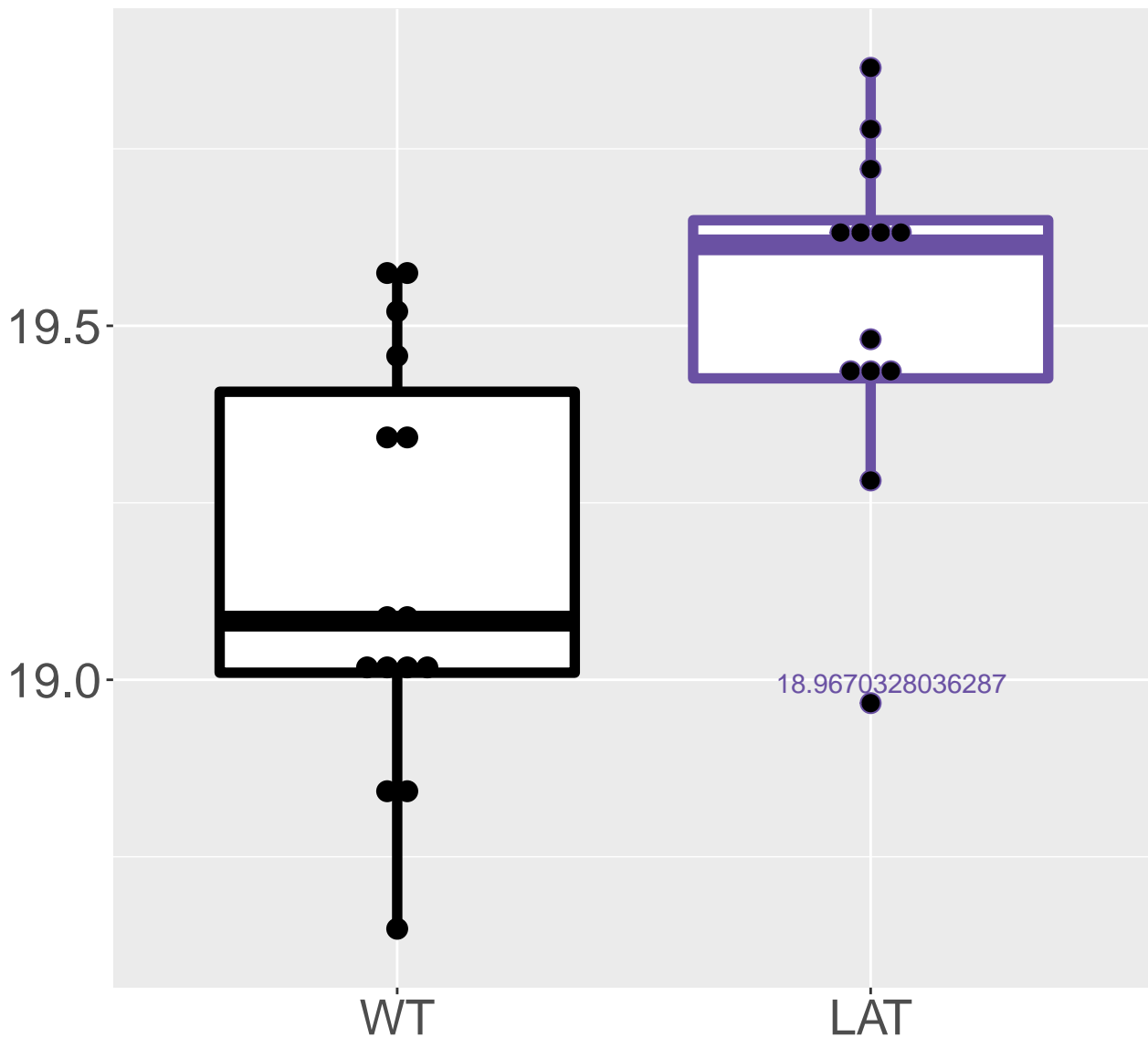
**FDR = 0.011, FC = 0.58**



**M301.9831T436.78**  
**FDR = 0.011, FC = 0.41**

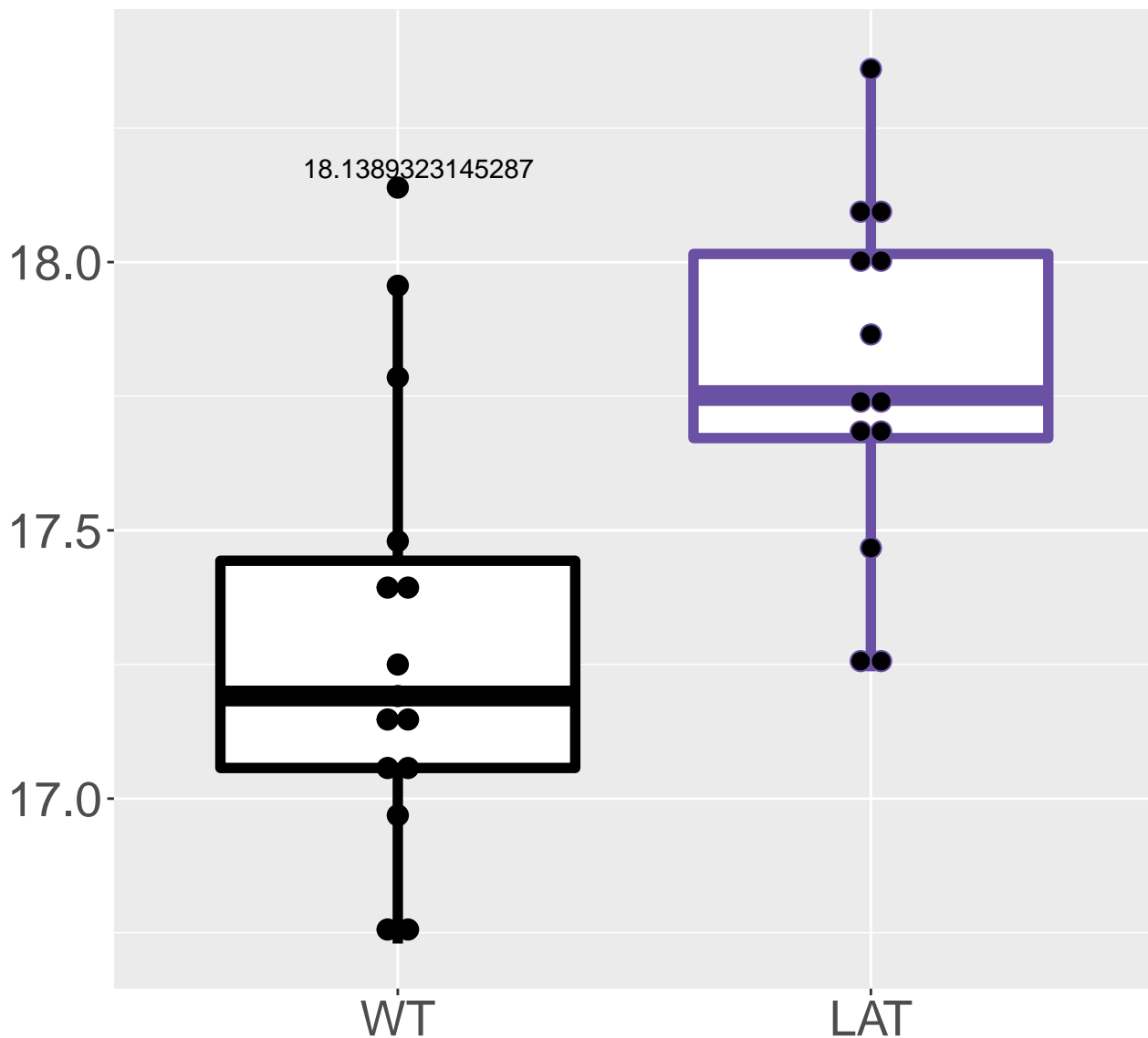


**M193.9793T434.06**  
**FDR = 0.012, FC = 0.37**

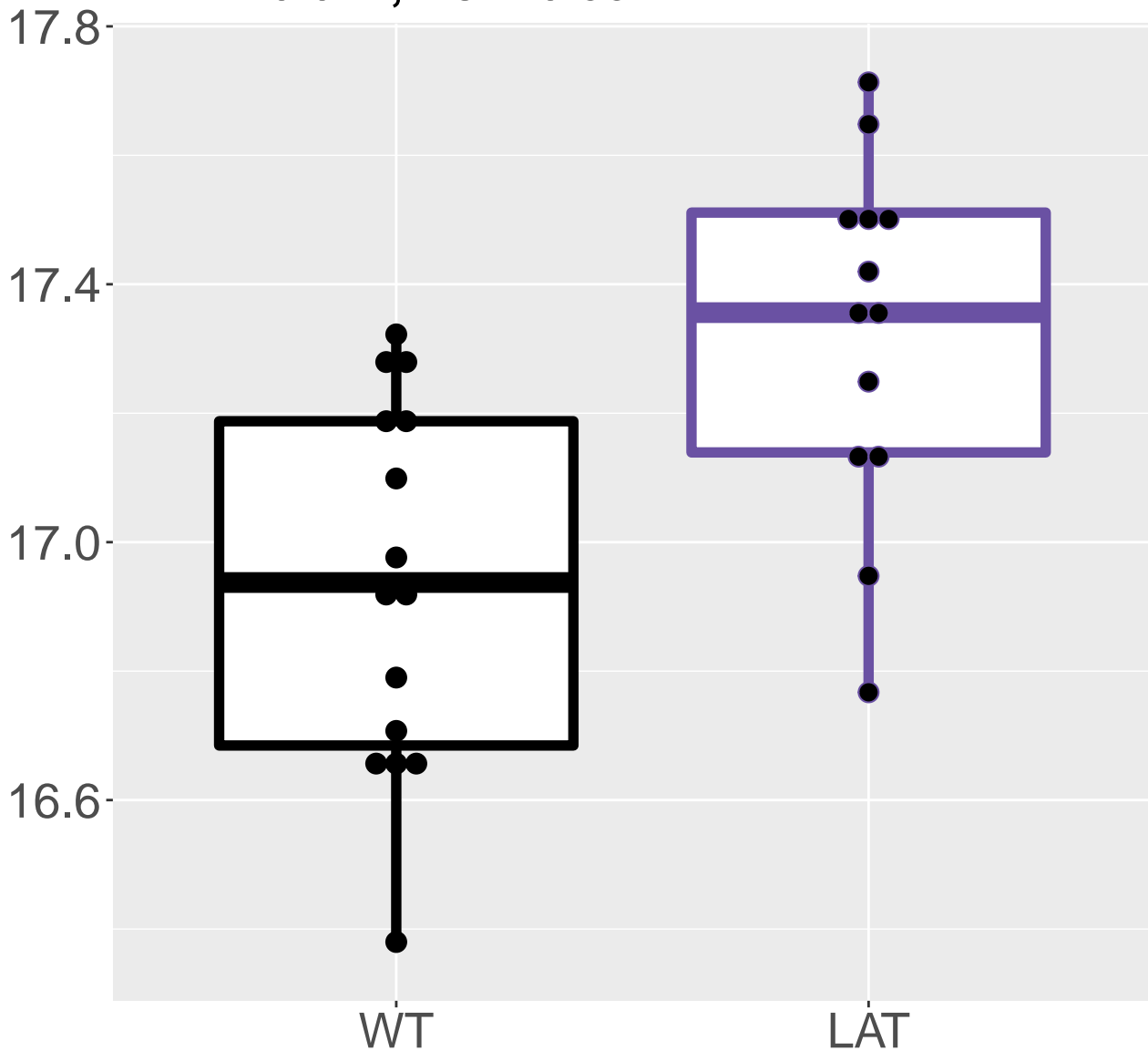




**M86.823T253.47\_13**  
**FDR = 0.012, FC = 0.49**

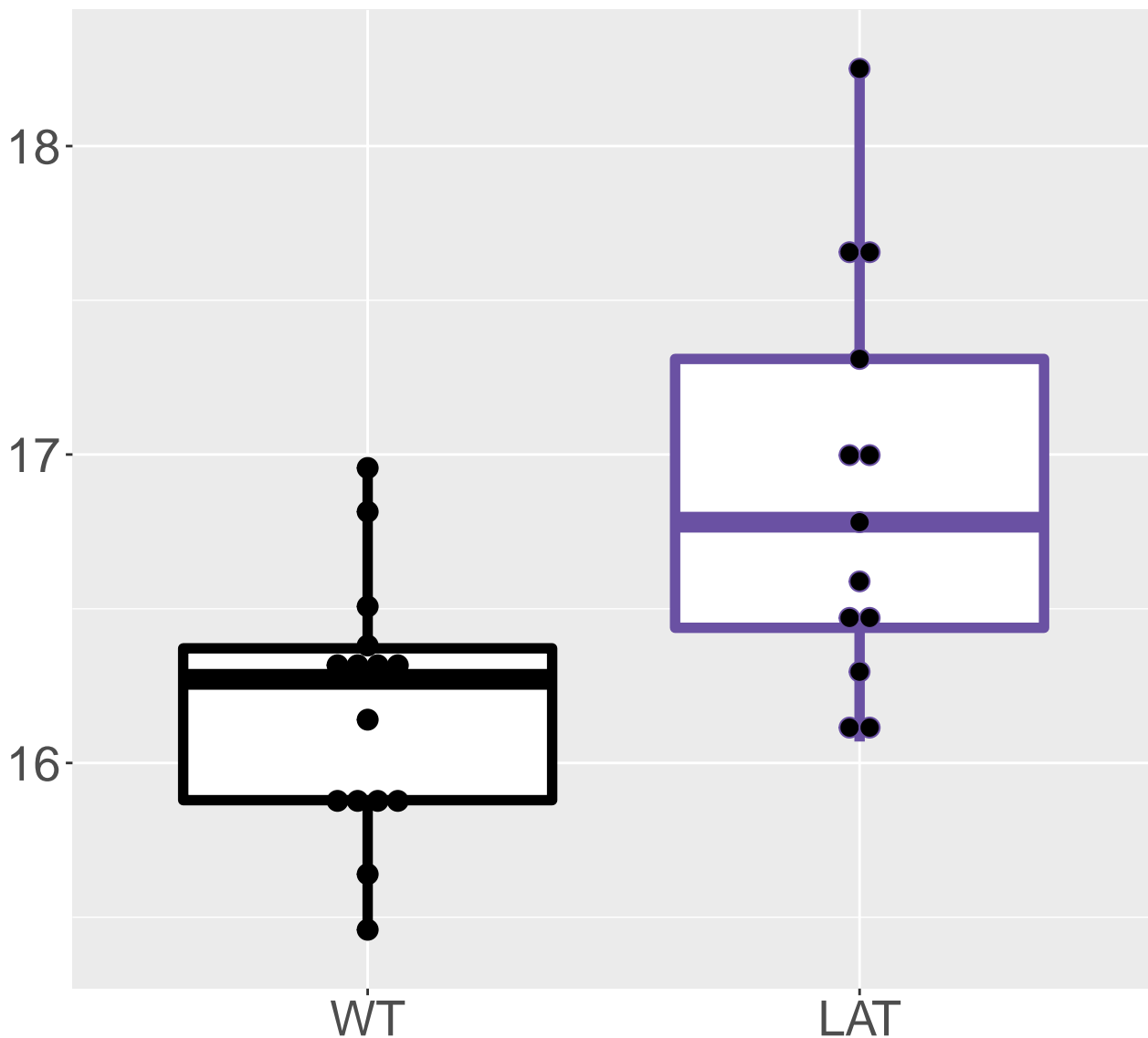


**M356.413T993.65\_3**  
**FDR = 0.012, FC = 0.39**

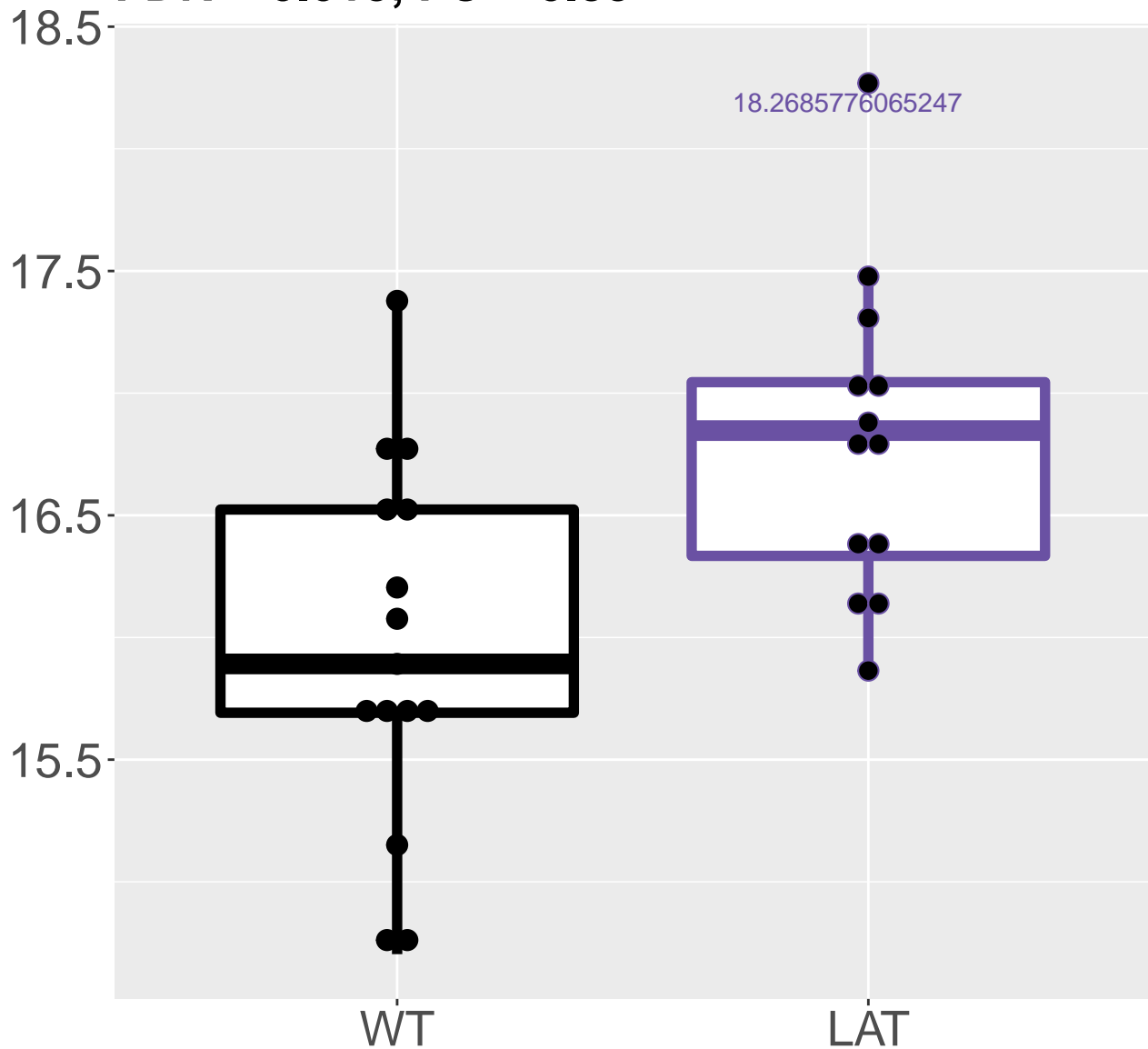


**M386.0343T646.63**

**FDR = 0.012, FC = 0.72**

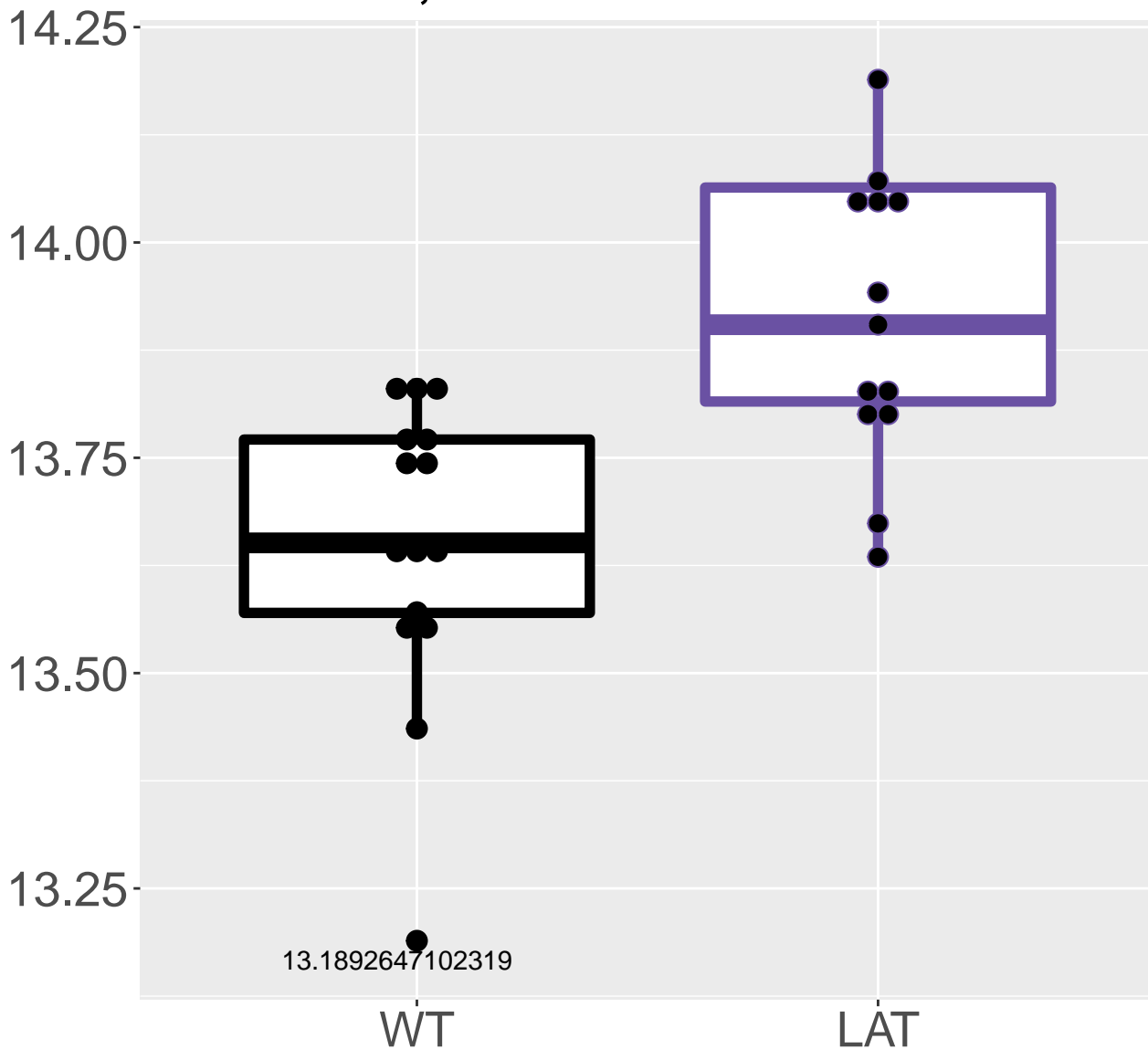


**Indoleacrylic acid;3-indoleacrylate;3-Indolyla**  
**FDR = 0.013, FC = 0.83**

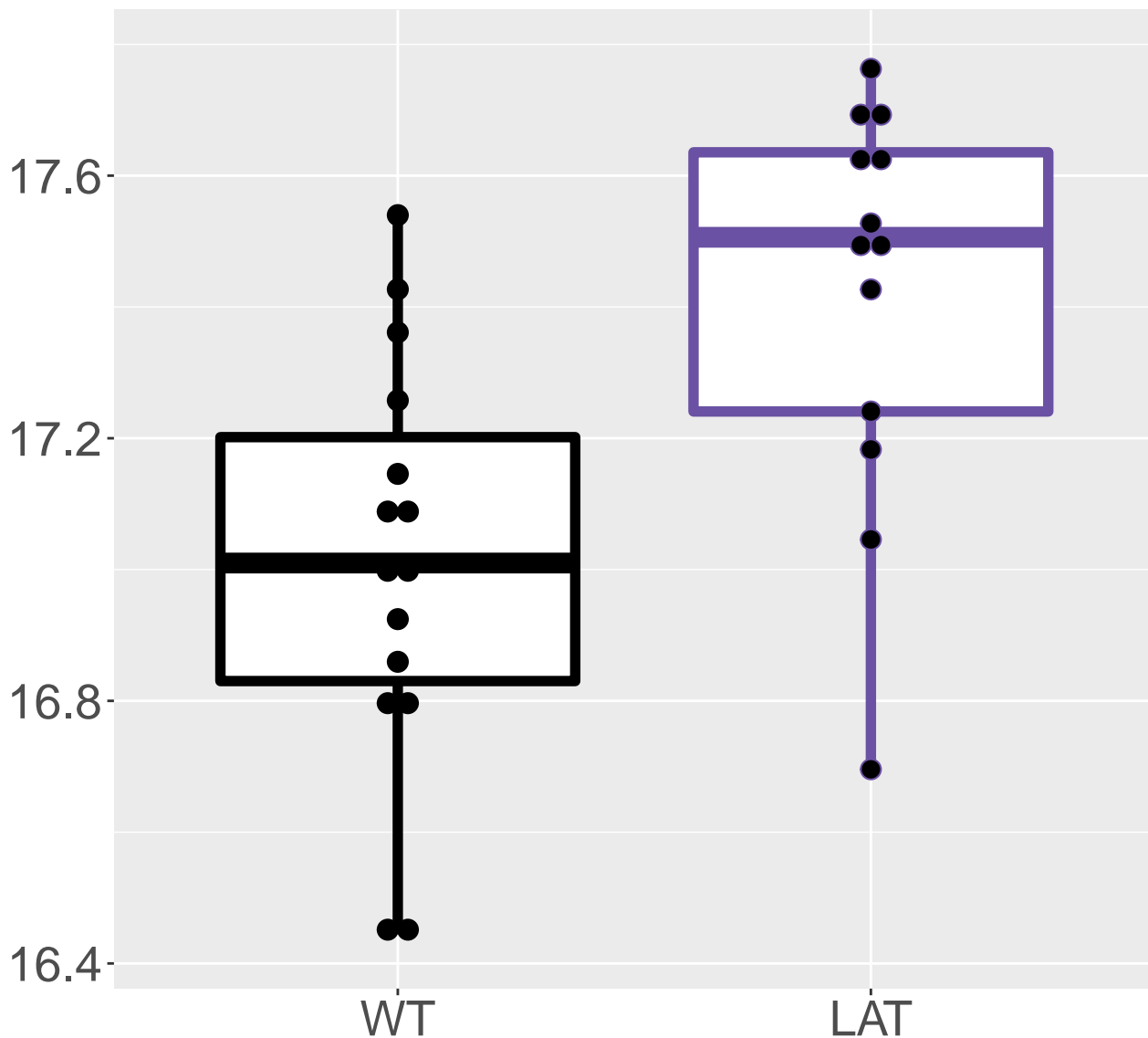


**M268.9125T1020.59**

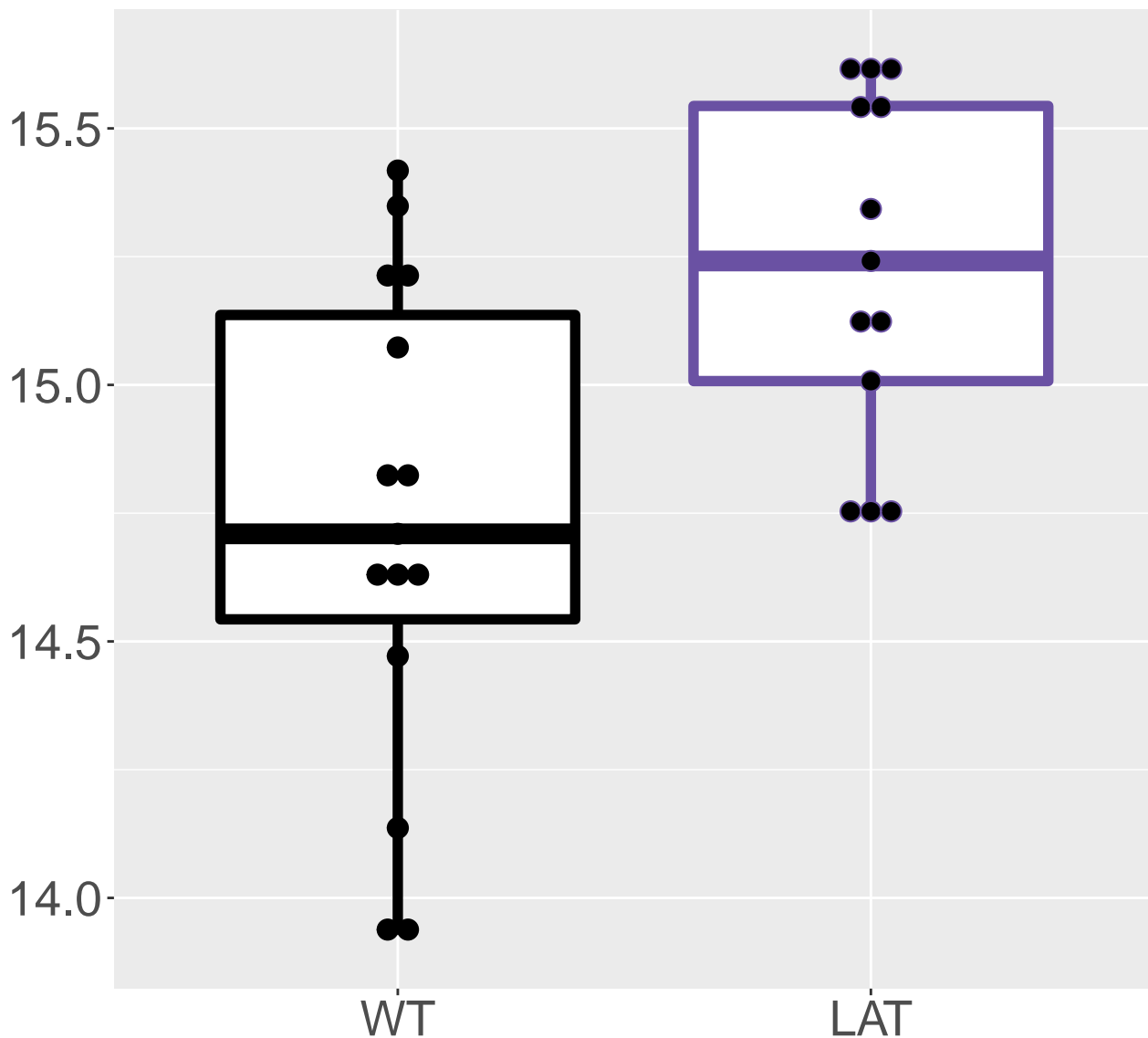
**FDR = 0.013, FC = 0.26**



**M106.9229T436.31**  
**FDR = 0.013, FC = 0.41**

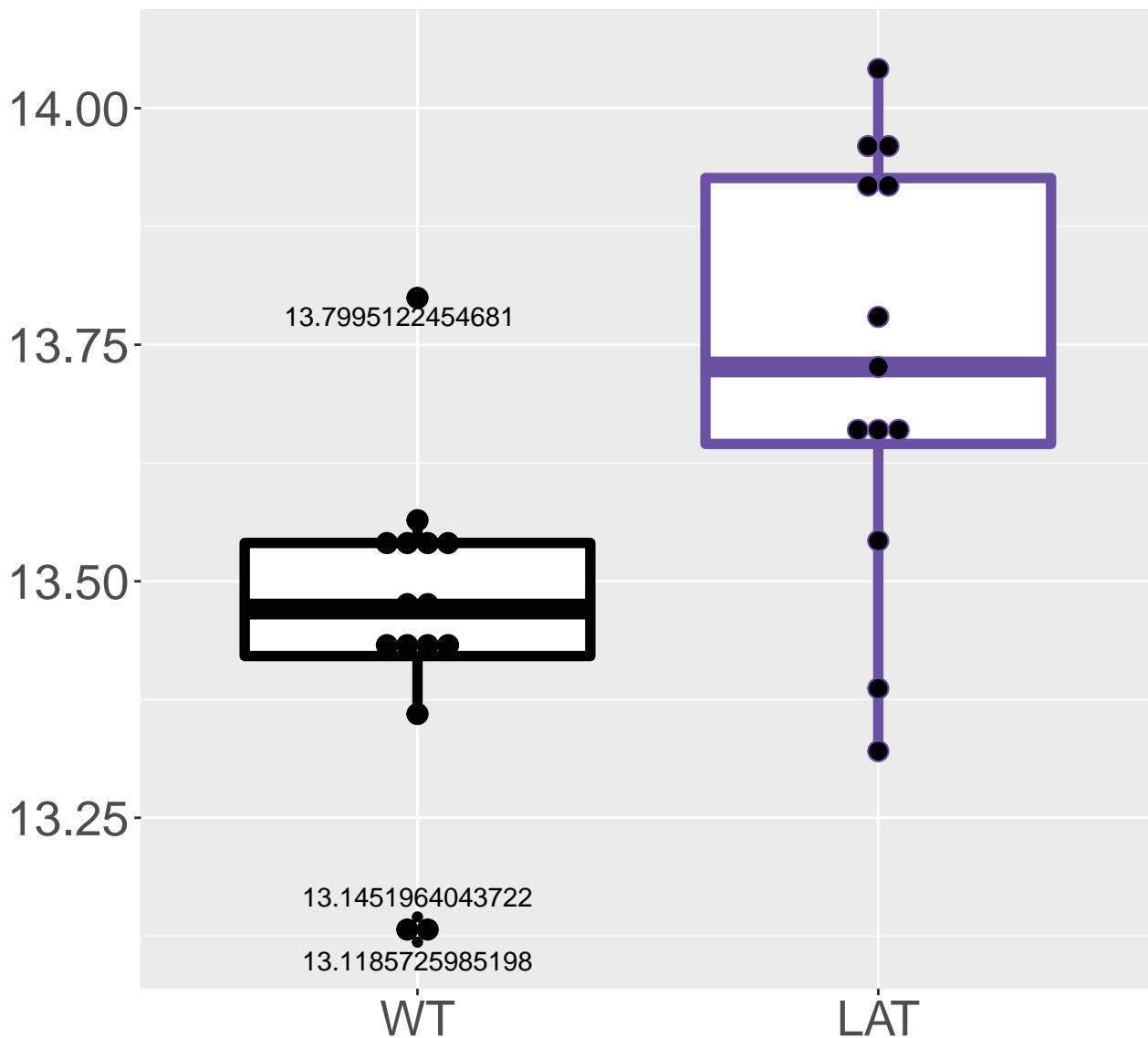


**M139.0402T529.39**  
**FDR = 0.013, FC = 0.5**



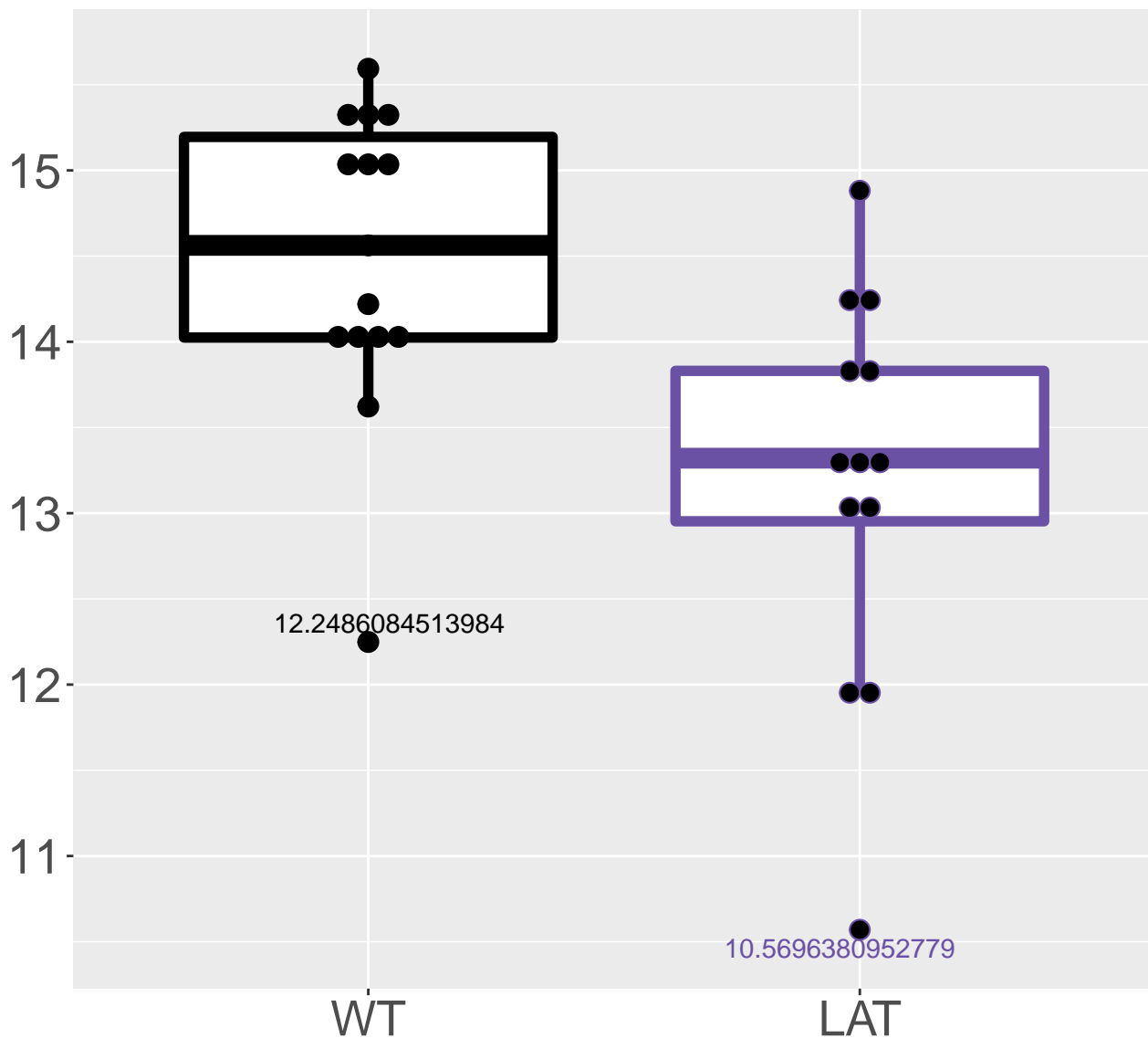
**M582.7574T1029.62**

**FDR = 0.013, FC = 0.28**

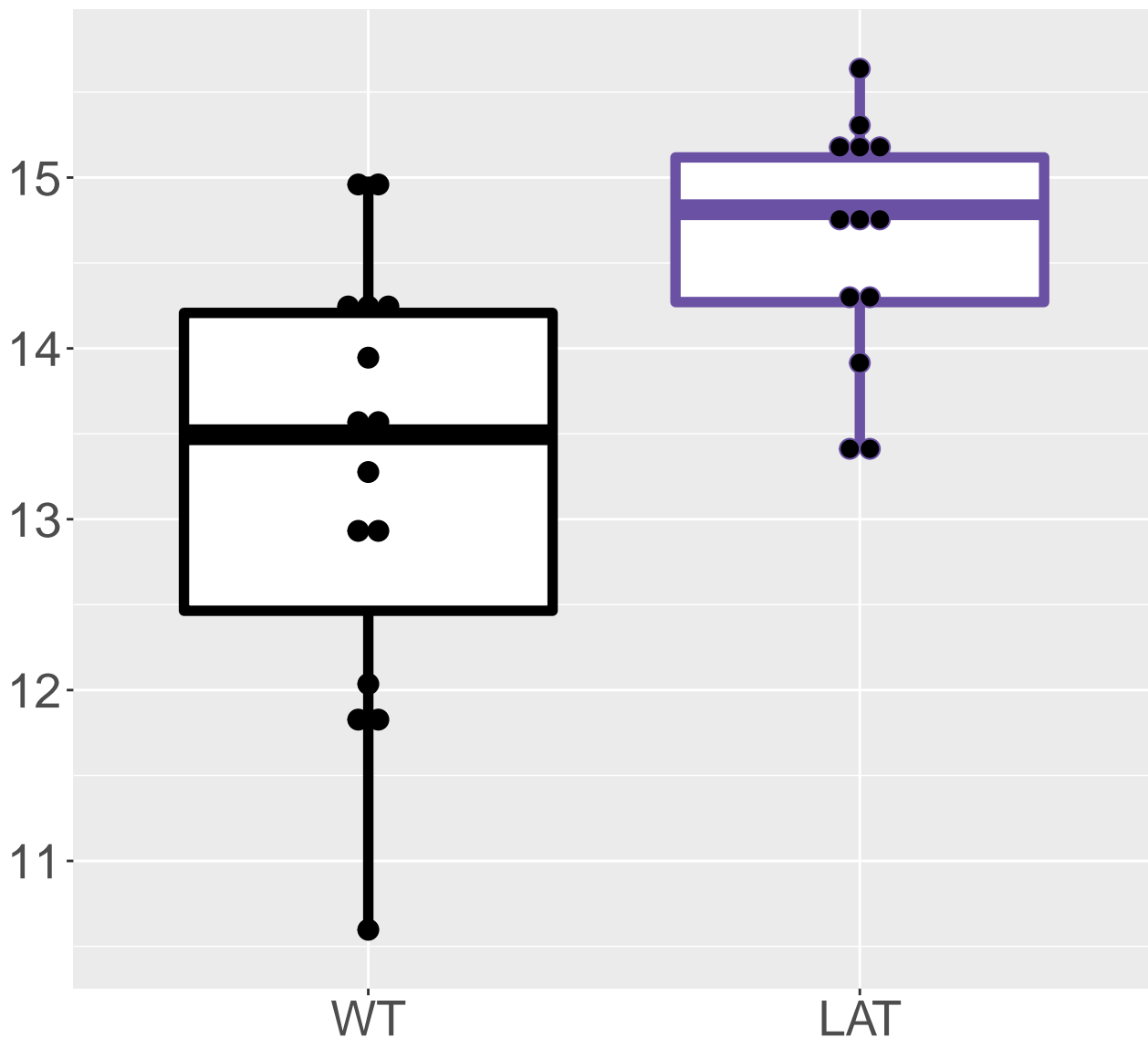




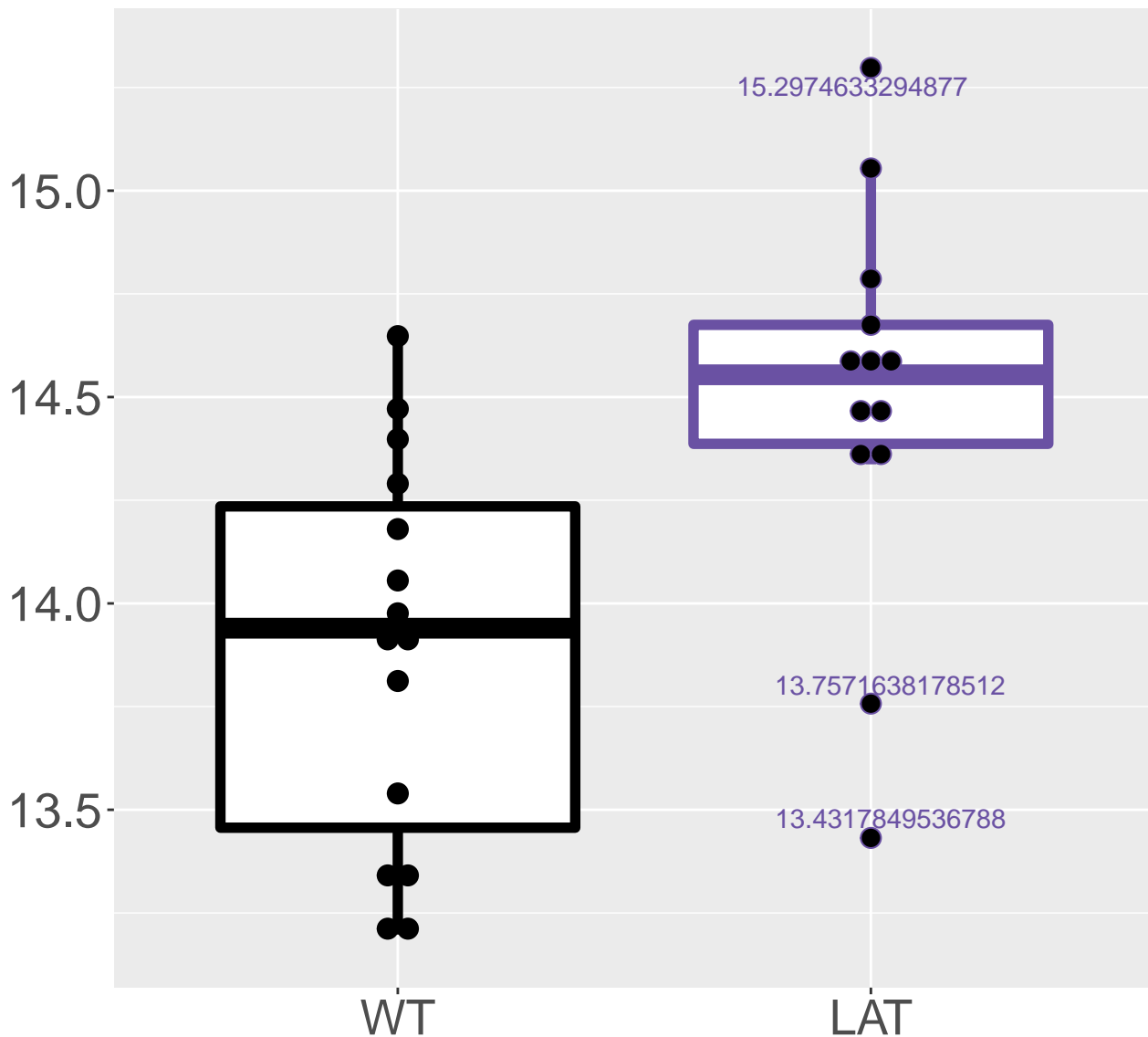
**FDR = 0.013, FC = -1.3**



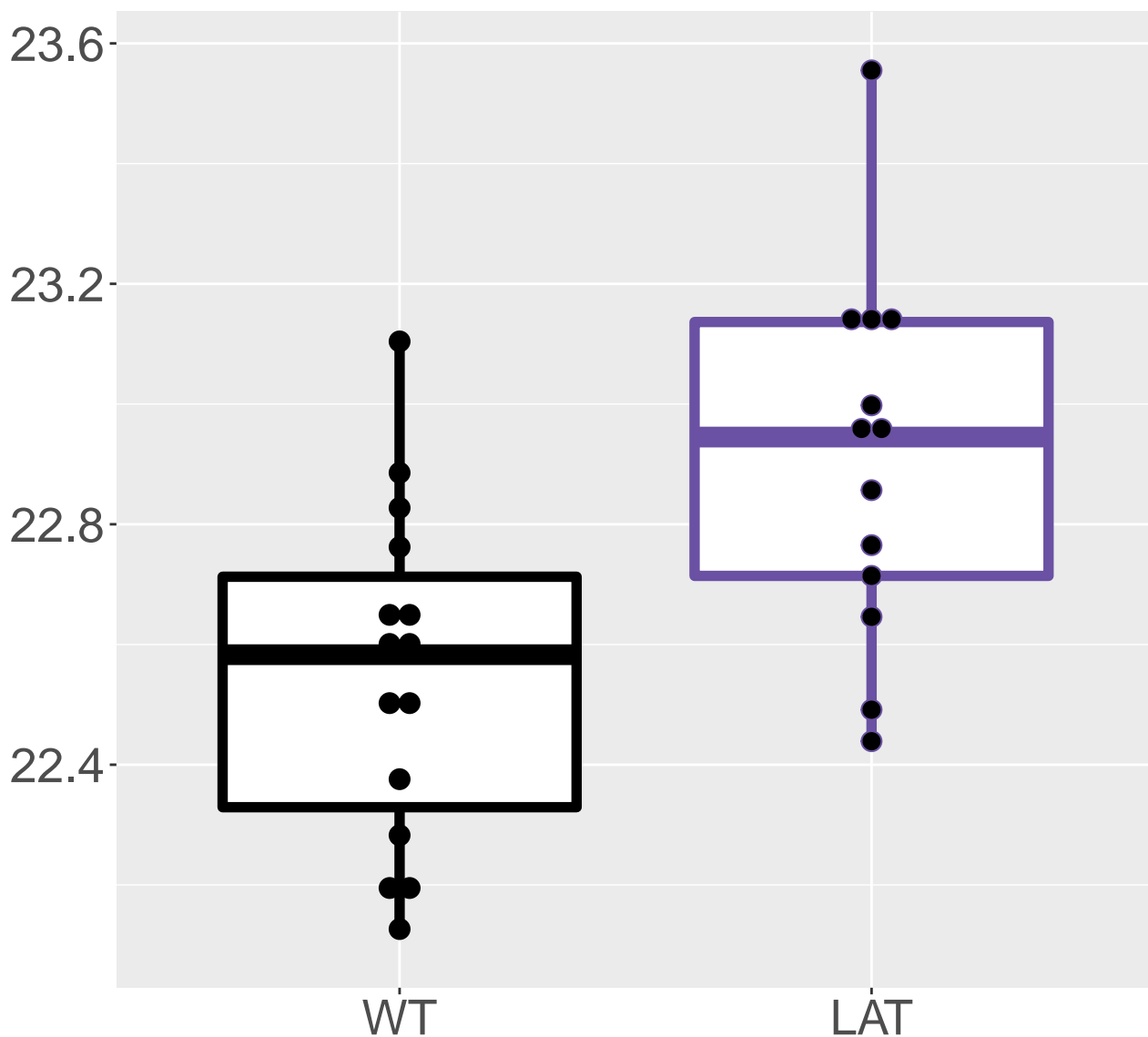
**M224.0569T390.5**  
**FDR = 0.013, FC = 1.3**



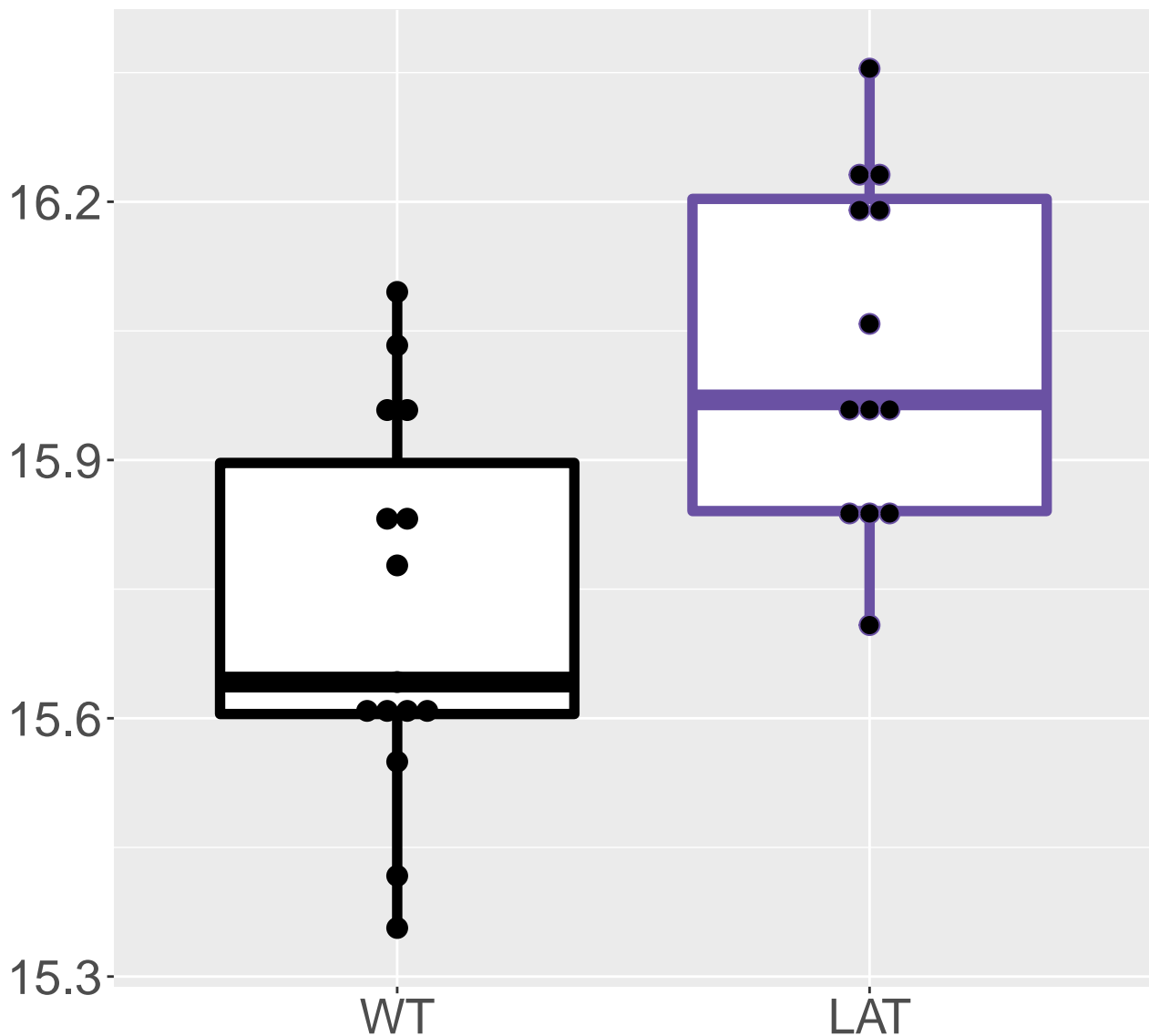
**M257.9811T377.92**  
**FDR = 0.013, FC = 0.61**



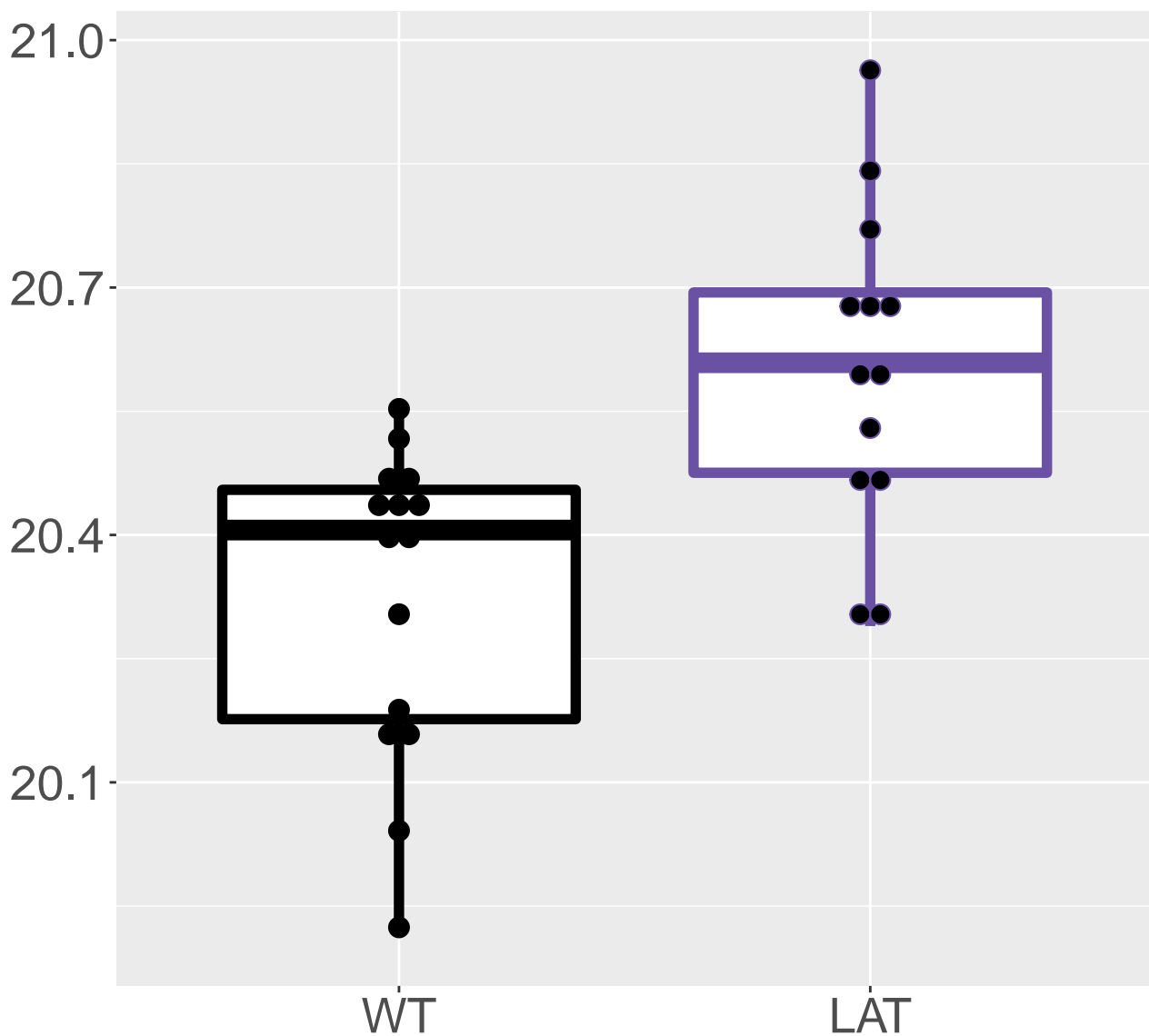
**L-Citrulline;Citrulline**  
**FDR = 0.013, FC = 0.36**



**M249.1461T564.67**  
**FDR = 0.013, FC = 0.3**

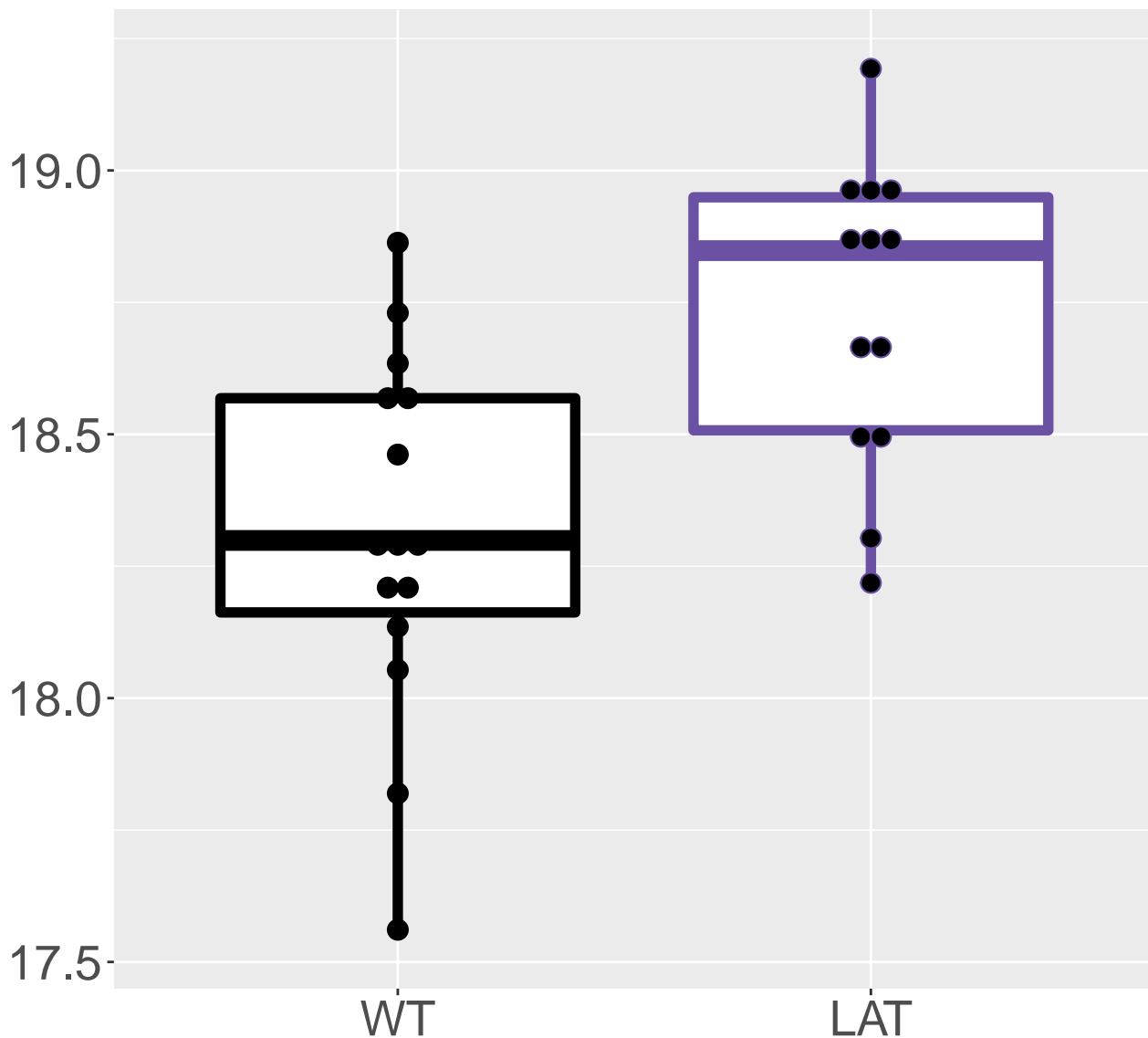


**M311.9311T993.74**  
**FDR = 0.013, FC = 0.28**

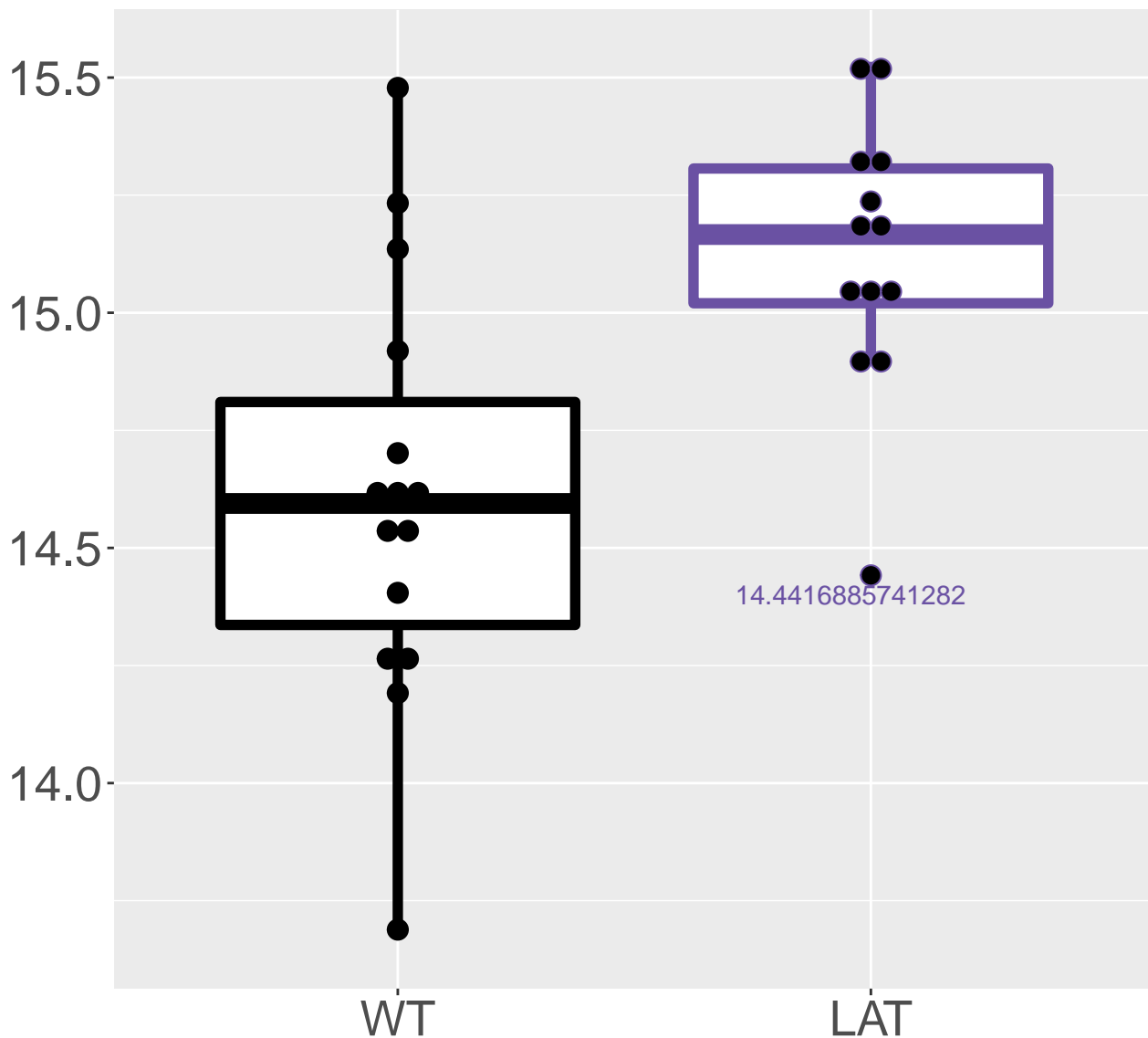


**M87.9727T437.04**

**FDR = 0.014, FC = 0.42**

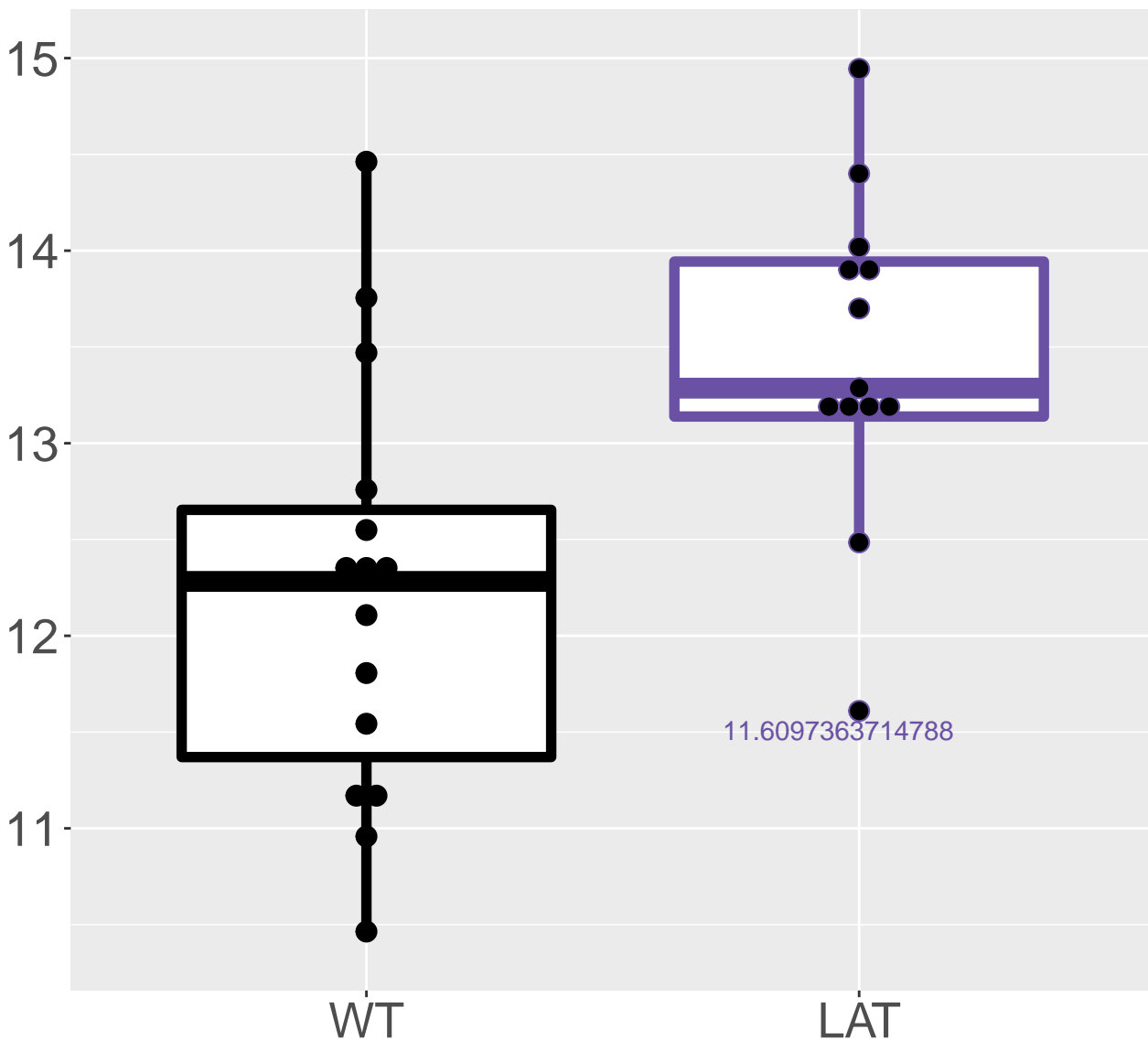


**M515.9929T435.08**  
**FDR = 0.014, FC = 0.51**

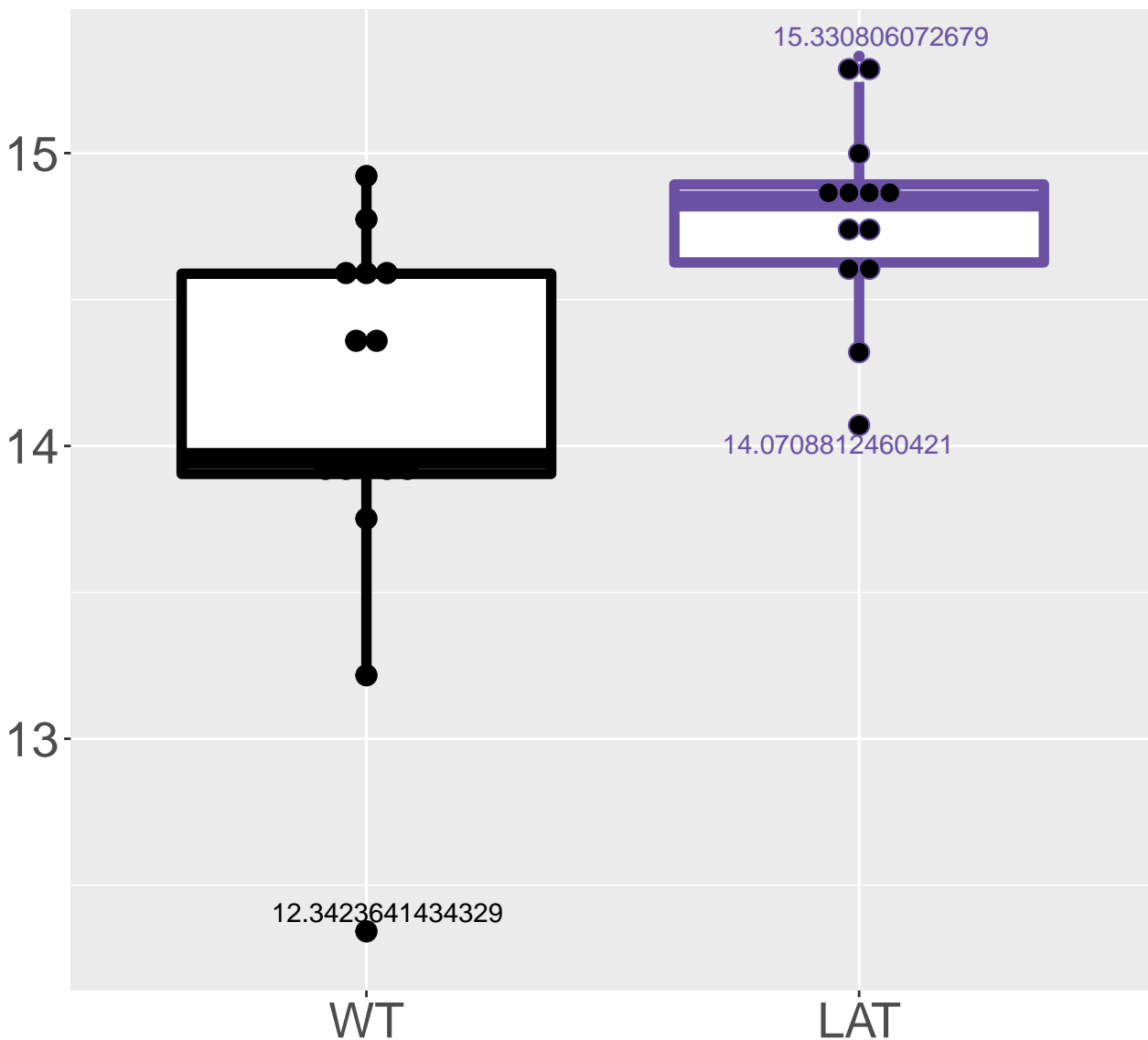




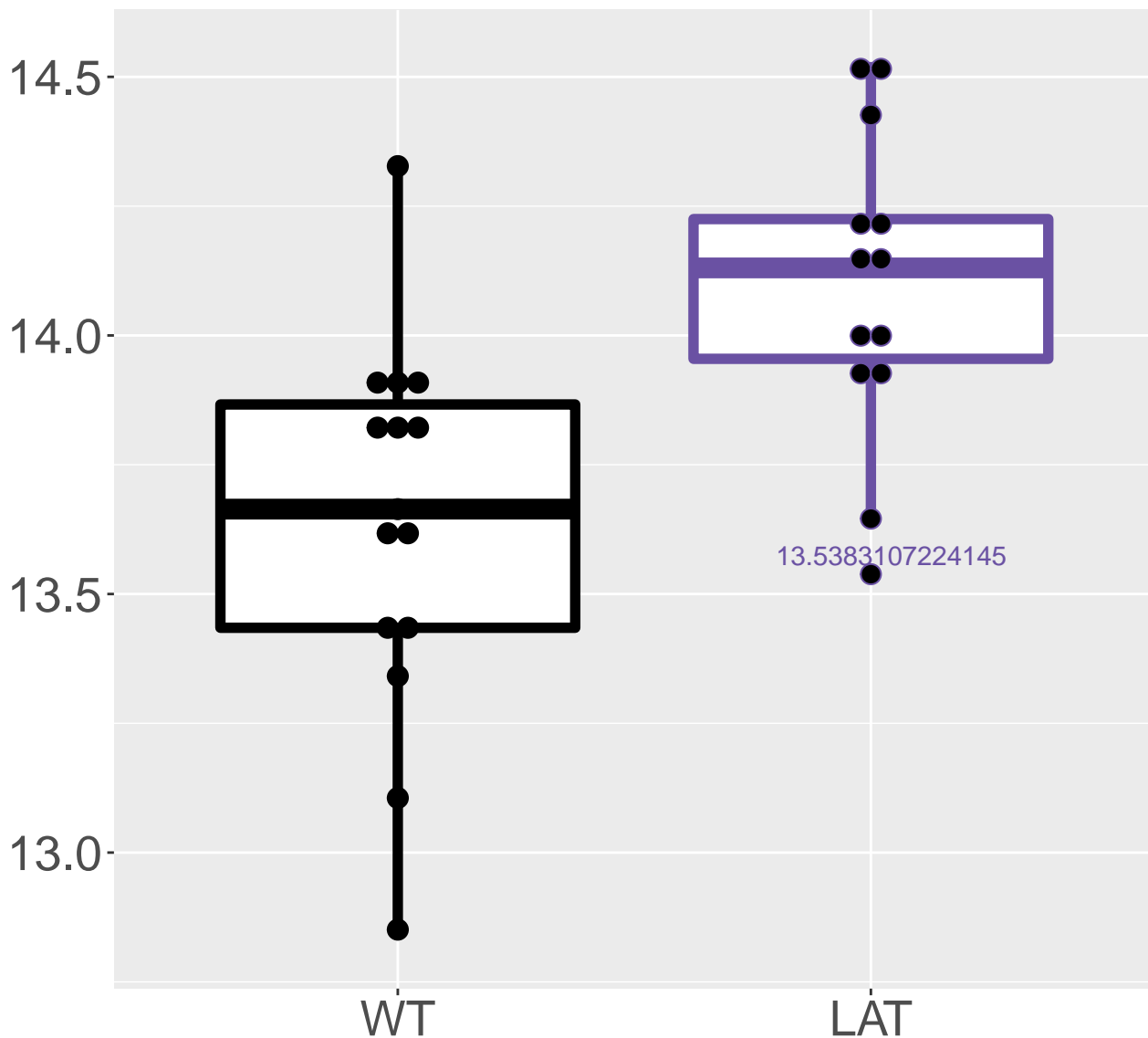
**M141.9276T705.24**  
**FDR = 0.014, FC = 1.2**



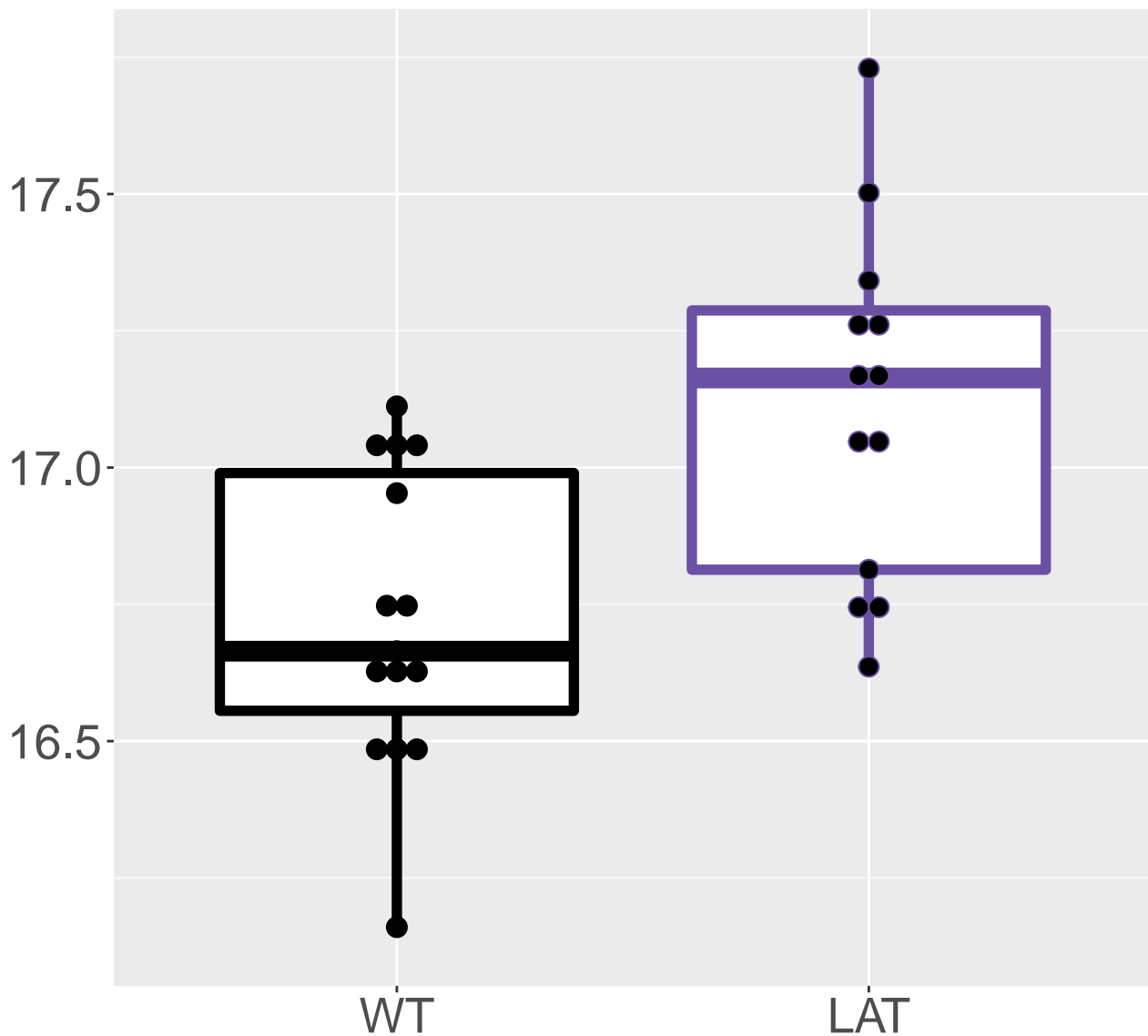
**FDR = 0.014, FC = 0.7**



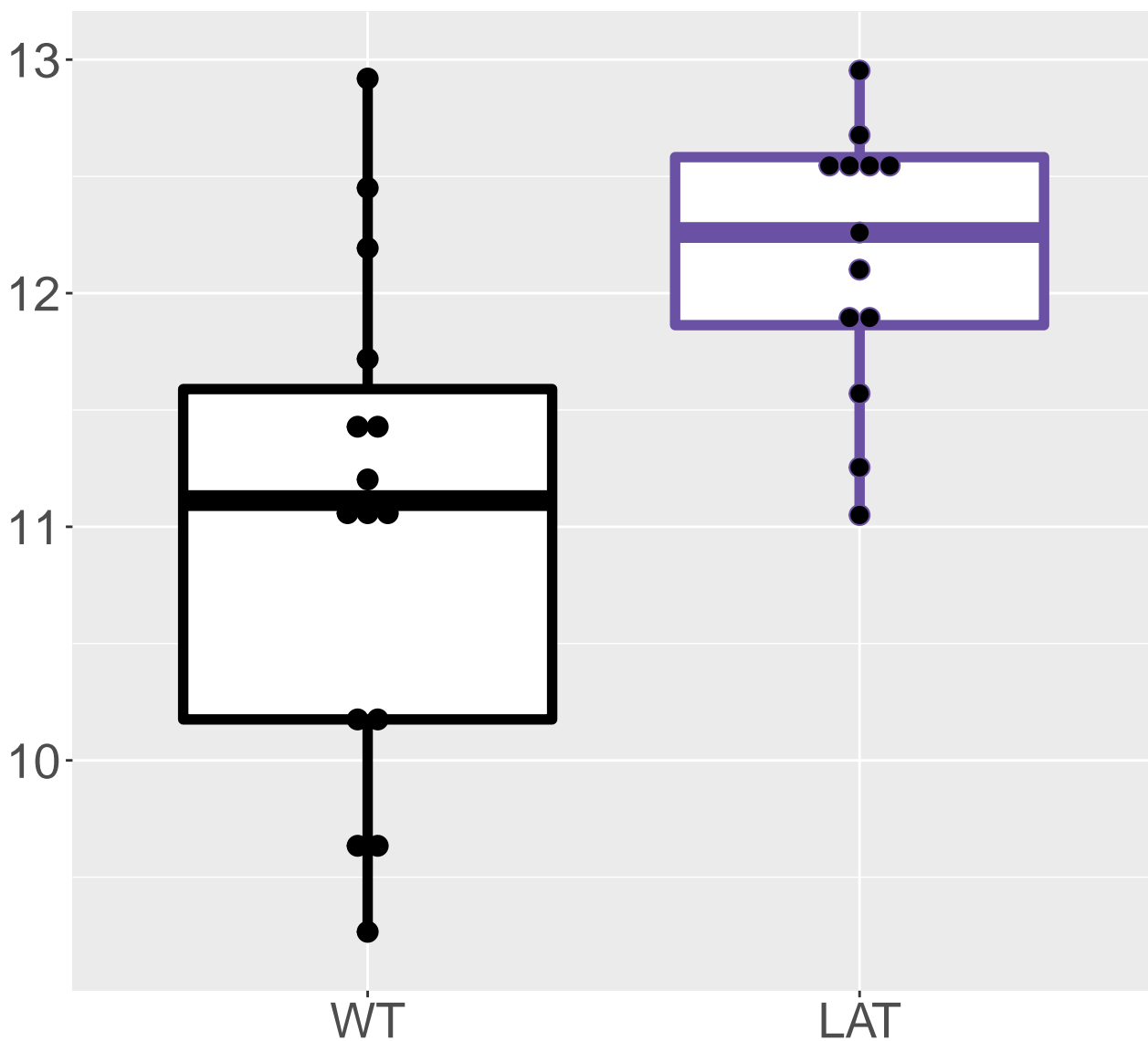
**M275.0891T292.57**  
**FDR = 0.014, FC = 0.45**



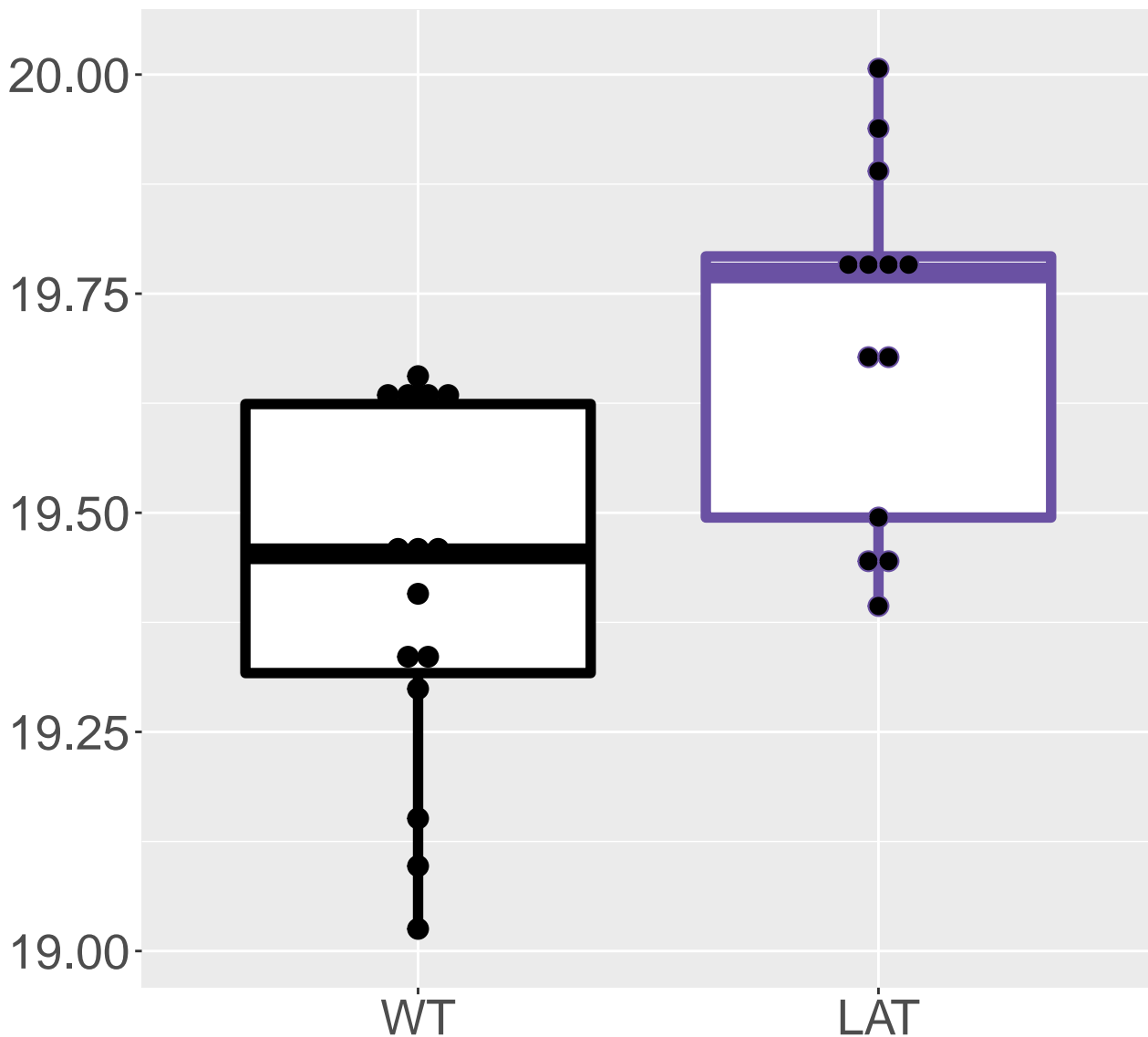
**M218.0674T286.55**  
**FDR = 0.014, FC = 0.39**



**M213.8892T702**  
**FDR = 0.014, FC = 1.1**

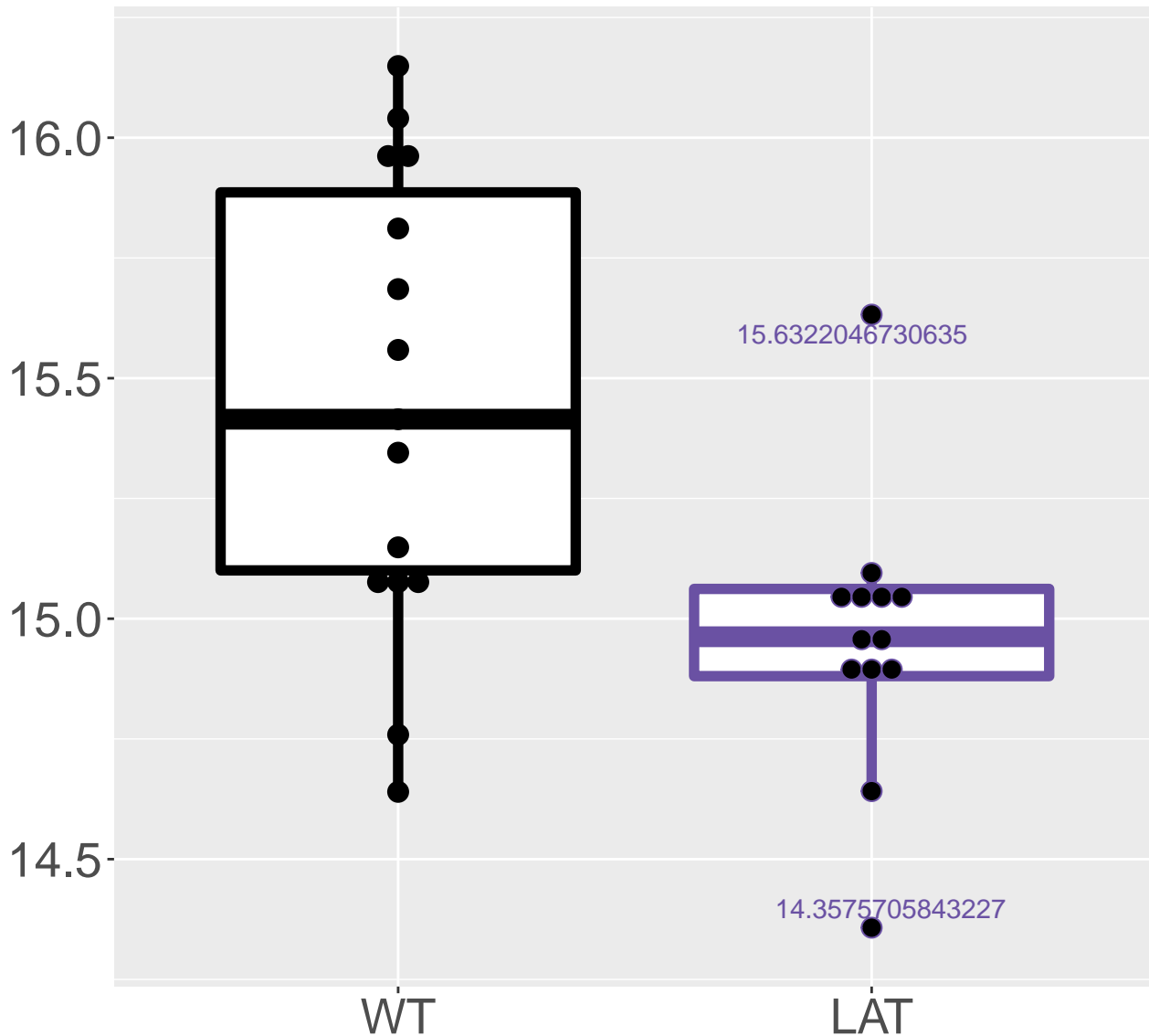


**Nonanoic acid;Pelargonic acid**  
**FDR = 0.014, FC = 0.29**

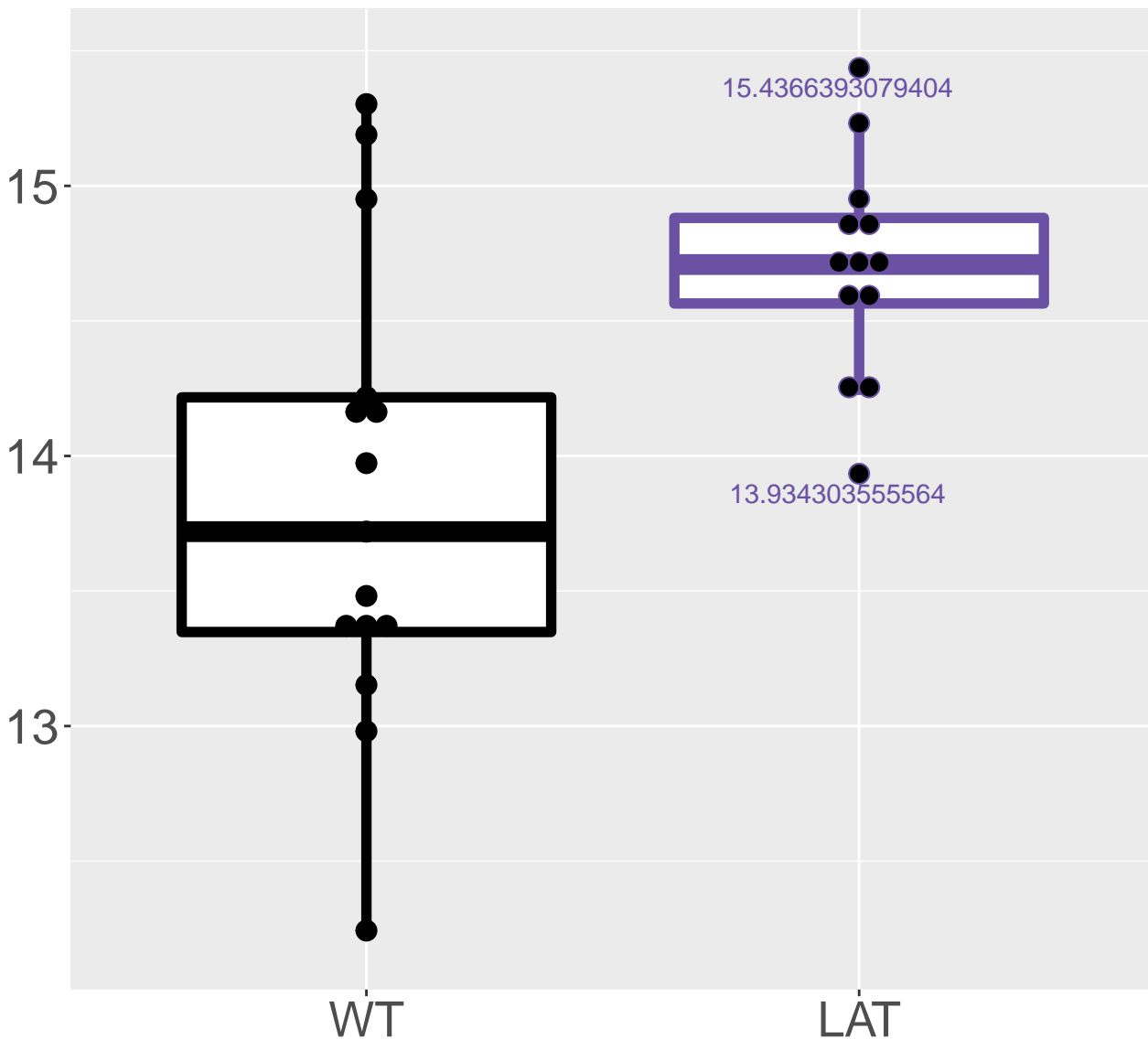


**M487.2156T580.23**

**FDR = 0.014, FC = -0.49, sex\***



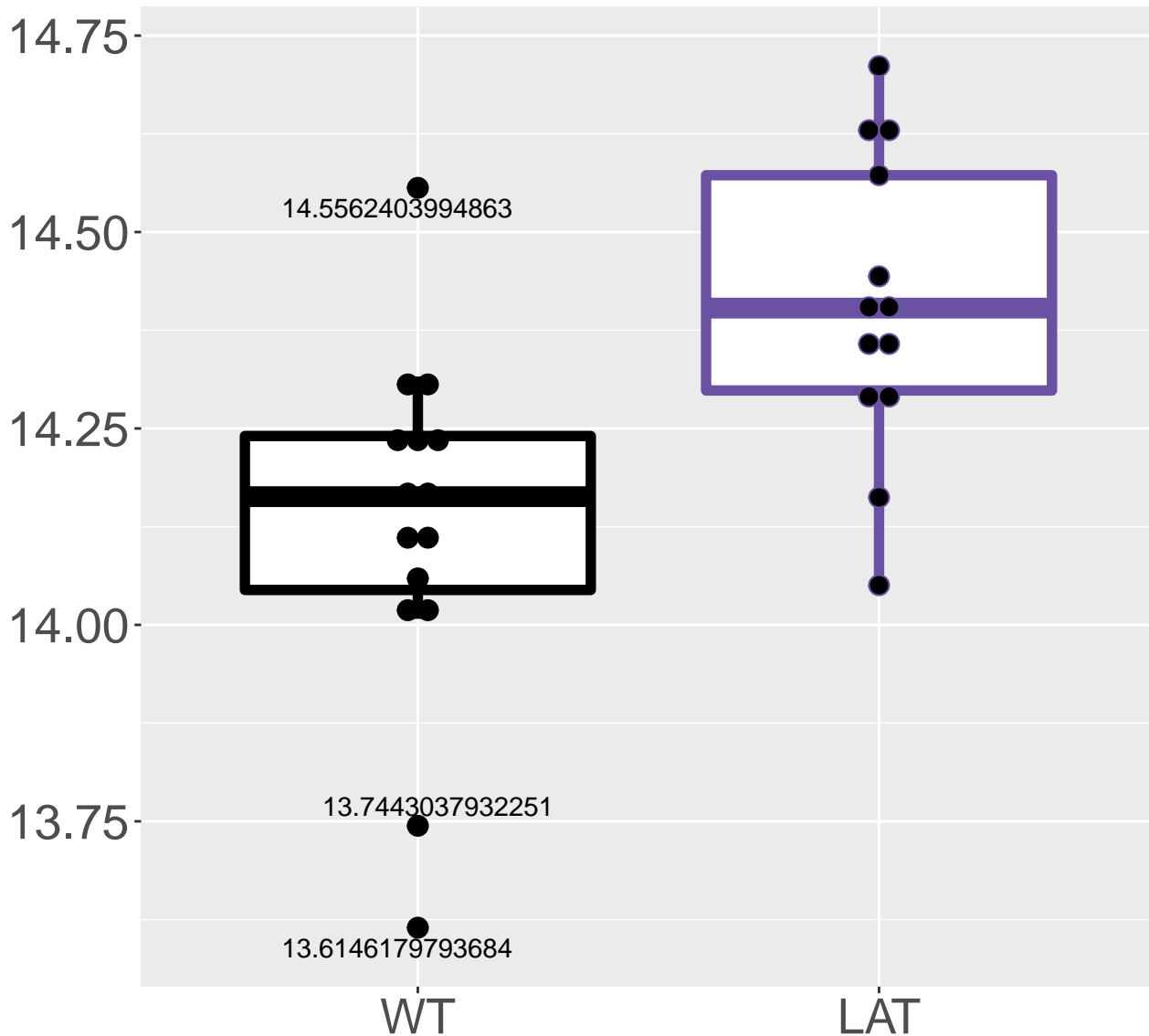
**M78.0035T524.15**  
**FDR = 0.014, FC = 0.86**





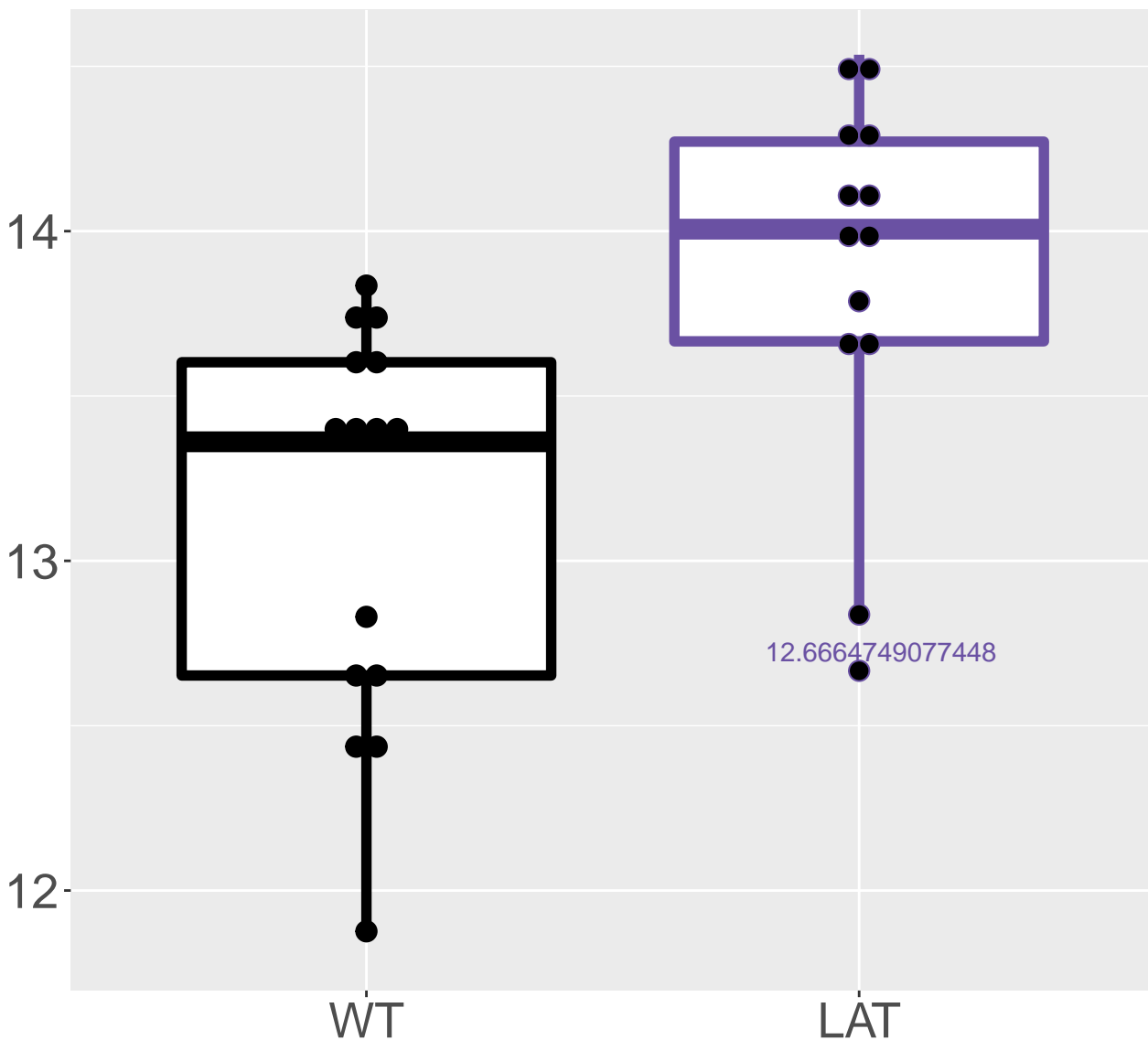
**M522.7549T1029.14**

**FDR = 0.014, FC = 0.28**

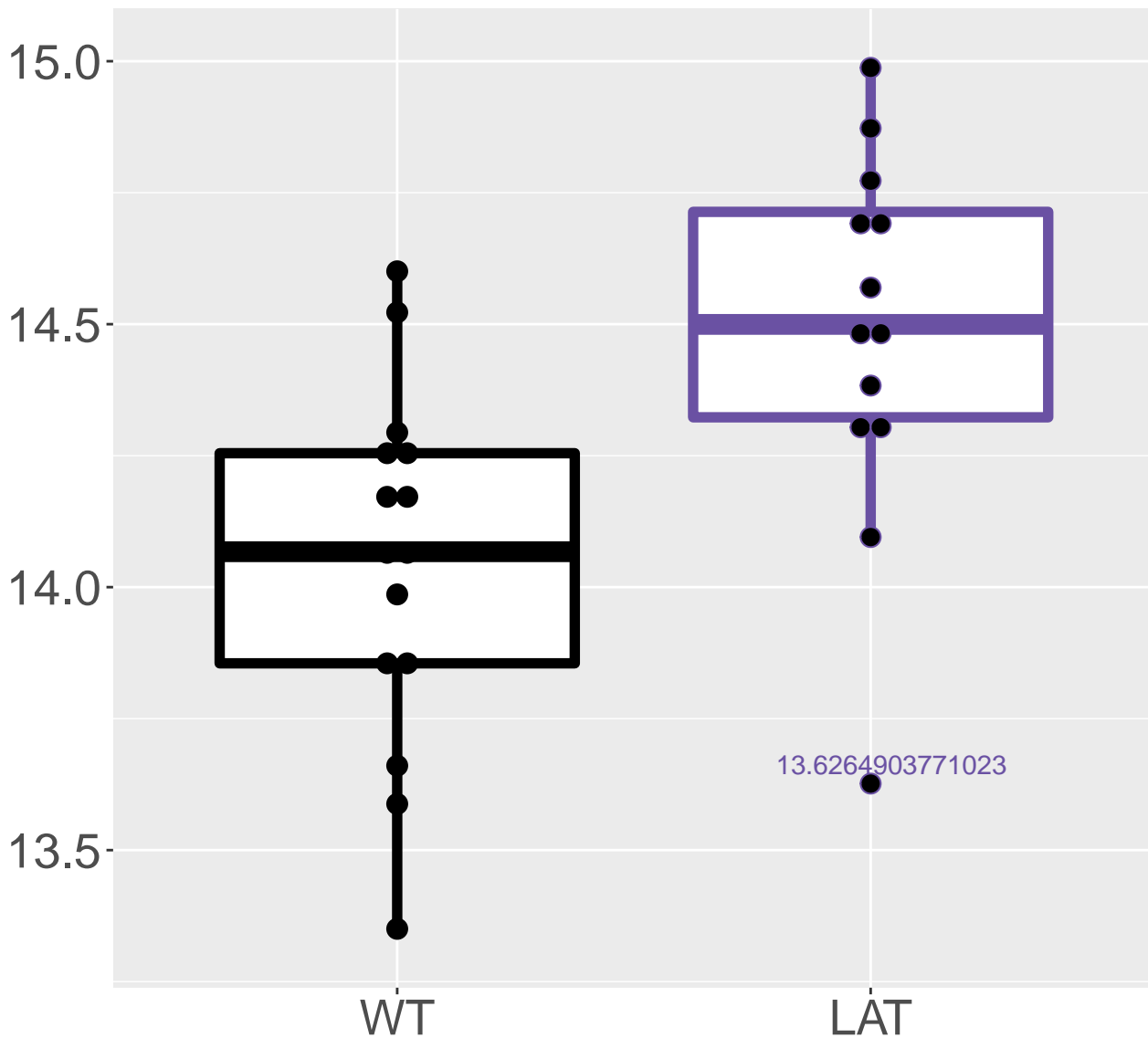


**M626.8982T993.12**

**FDR = 0.014, FC = 0.74**

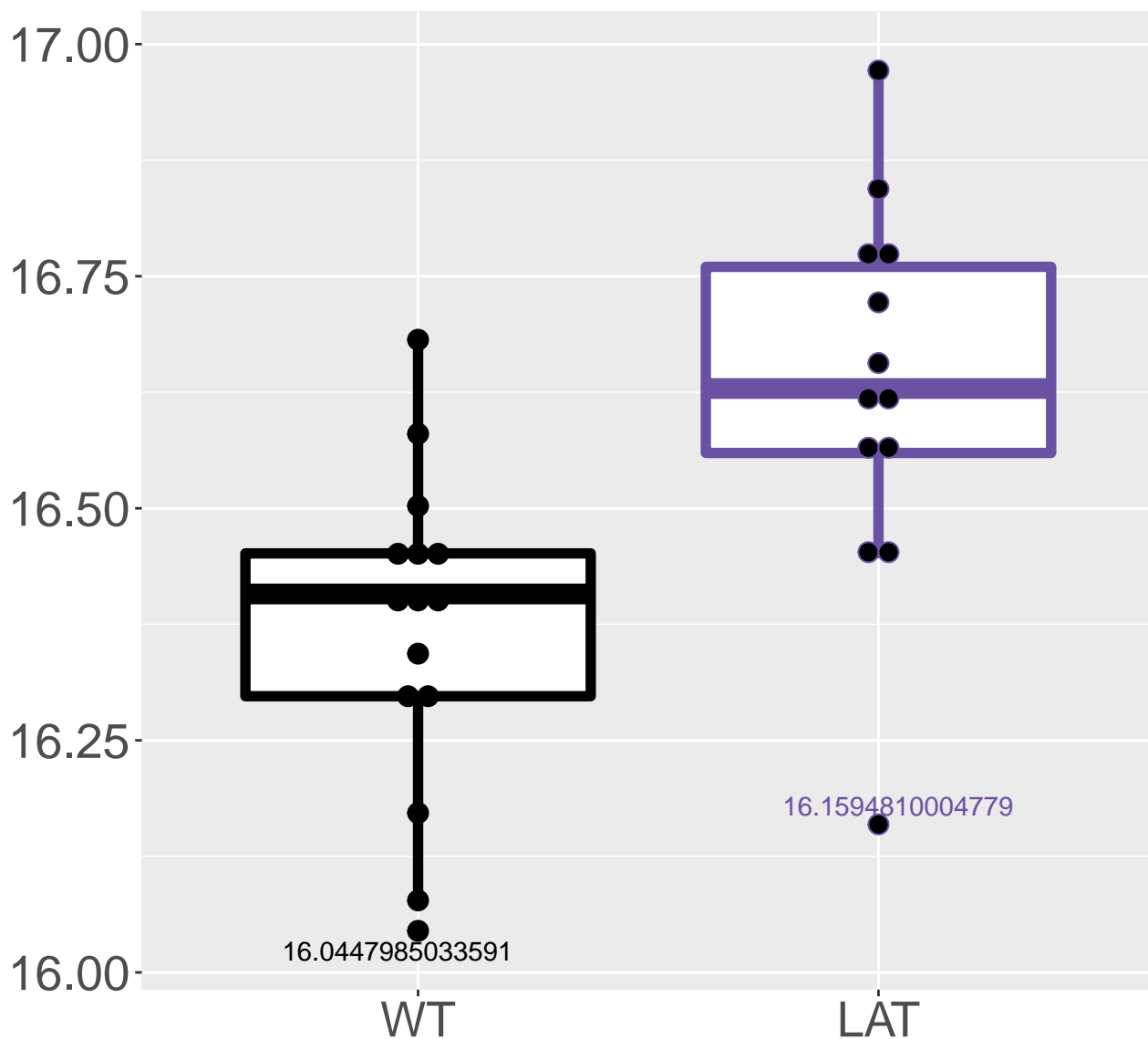


**M197.9215T1028.11**  
**FDR = 0.014, FC = 0.44**

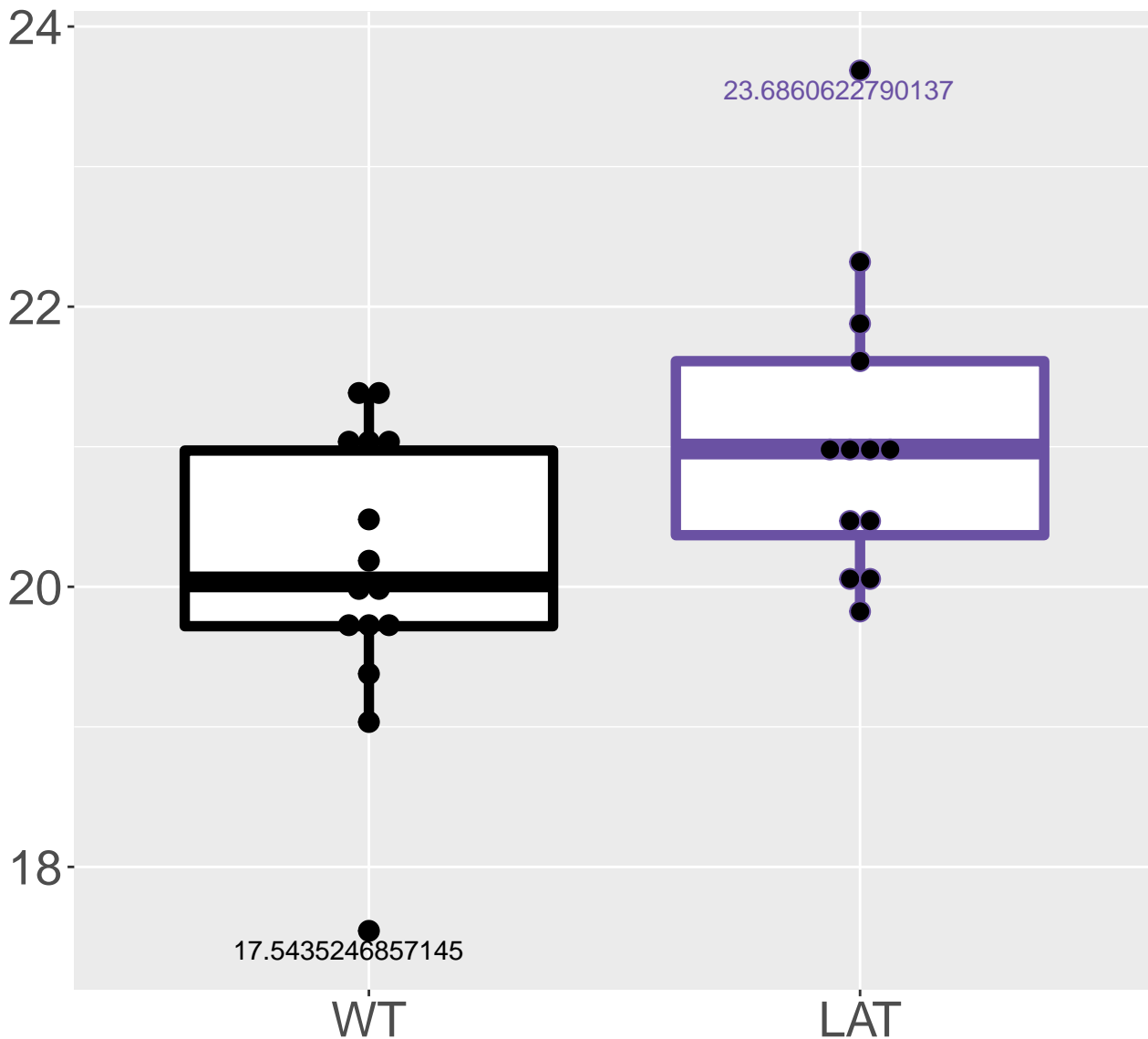


**M358.8002T1028.55**

**FDR = 0.014, FC = 0.26**

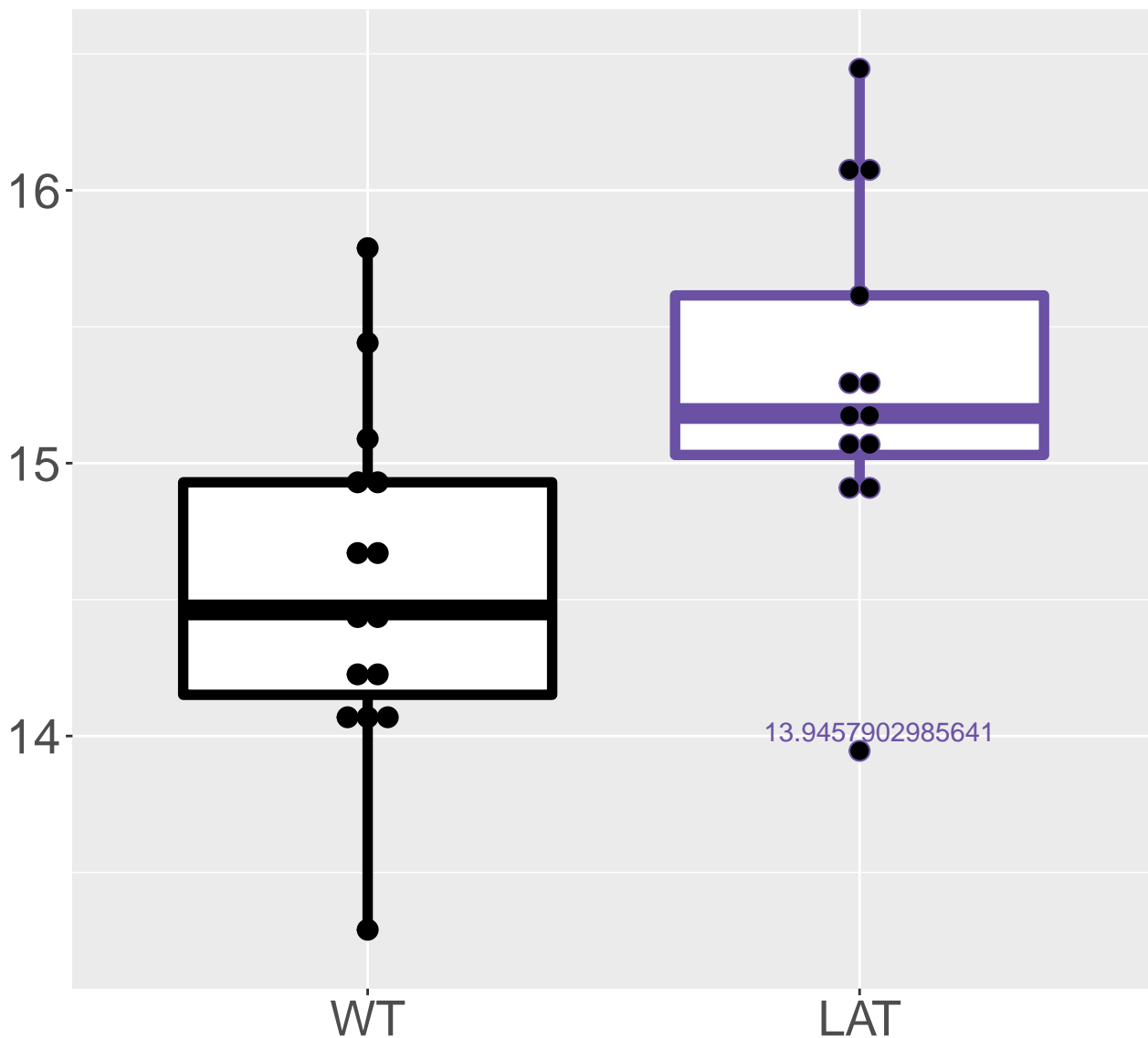


**FDR = 0.014, FC = 1, sex\*\***



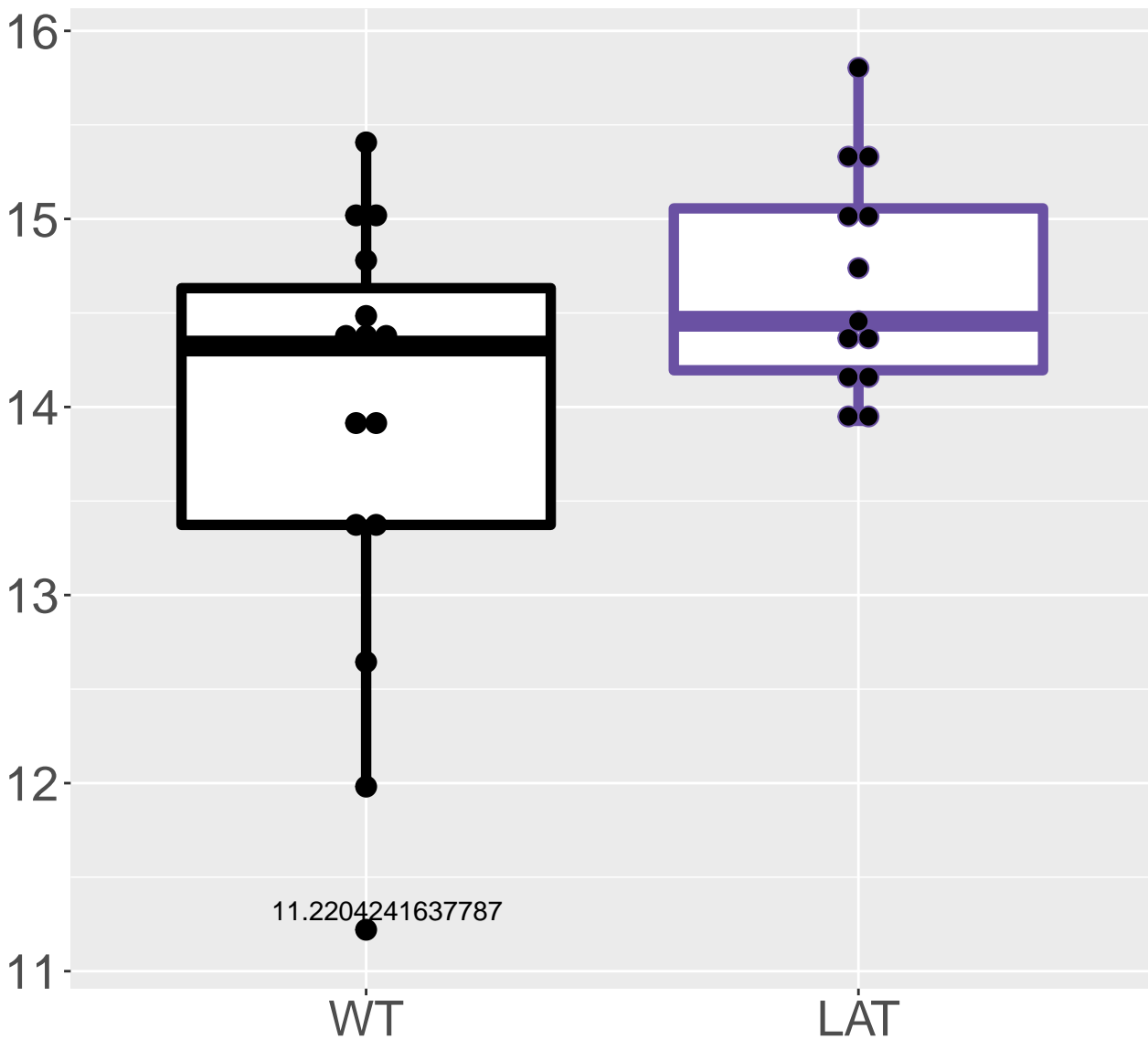
**M382.1011T511.16**

**FDR = 0.015, FC = 0.76, sex\***

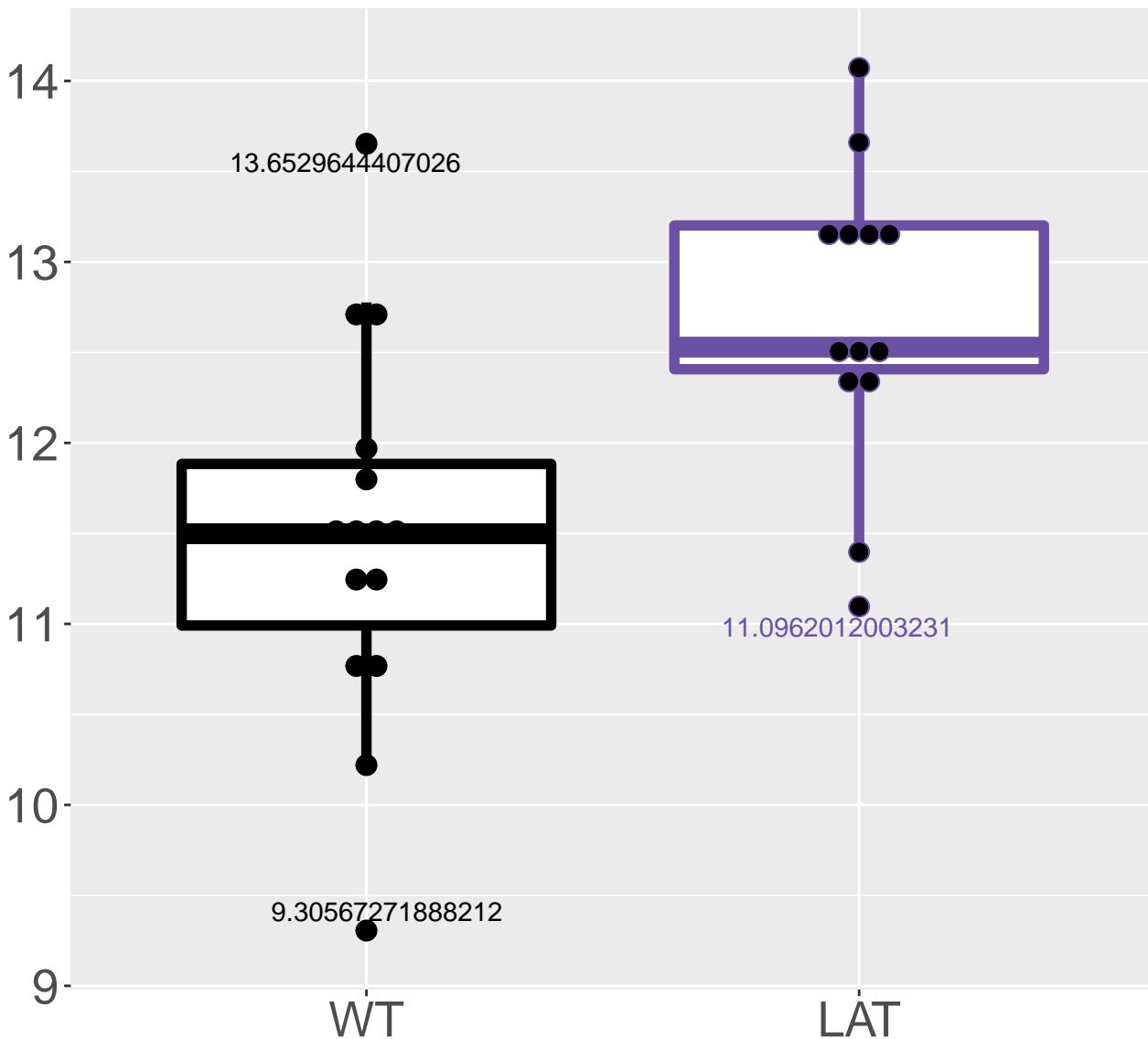


**M216.5722T153.19**

**FDR = 0.015, FC = 0.78, sex\*\*\***

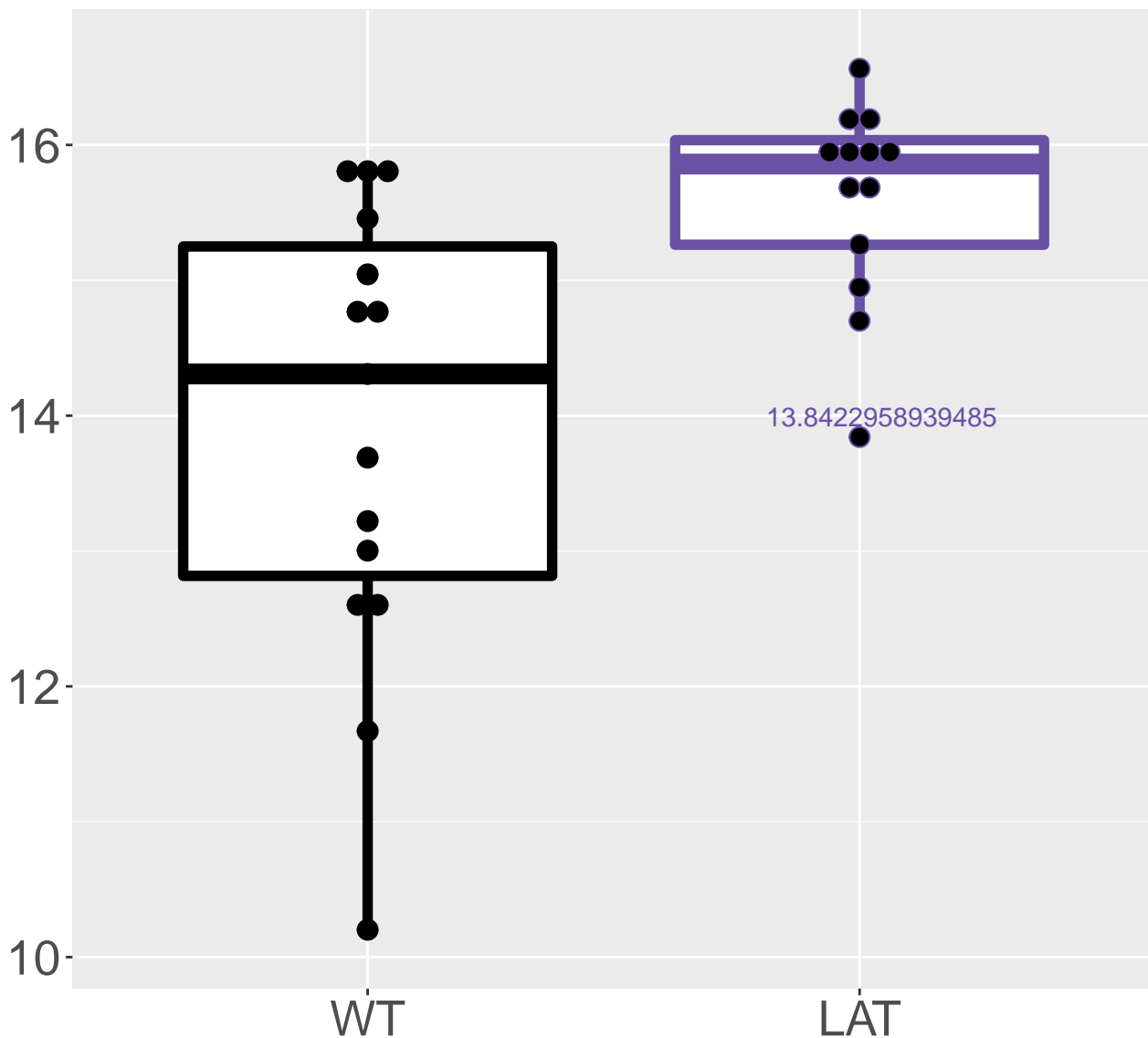


**M212.863T701.58\_1**  
**FDR = 0.015, FC = 1.2**



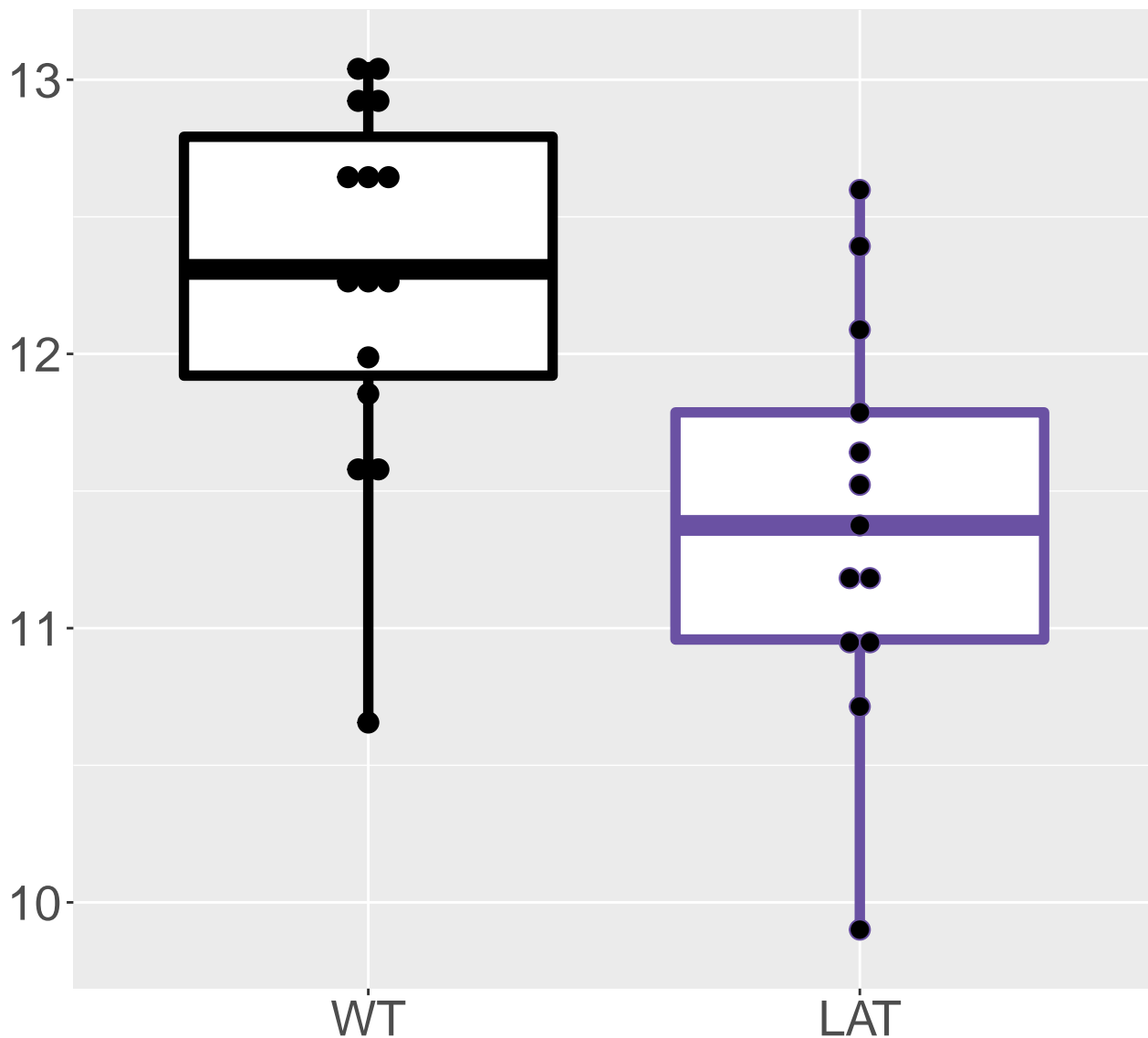


**M221.0497T445**  
**FDR = 0.015, FC = 1.7**

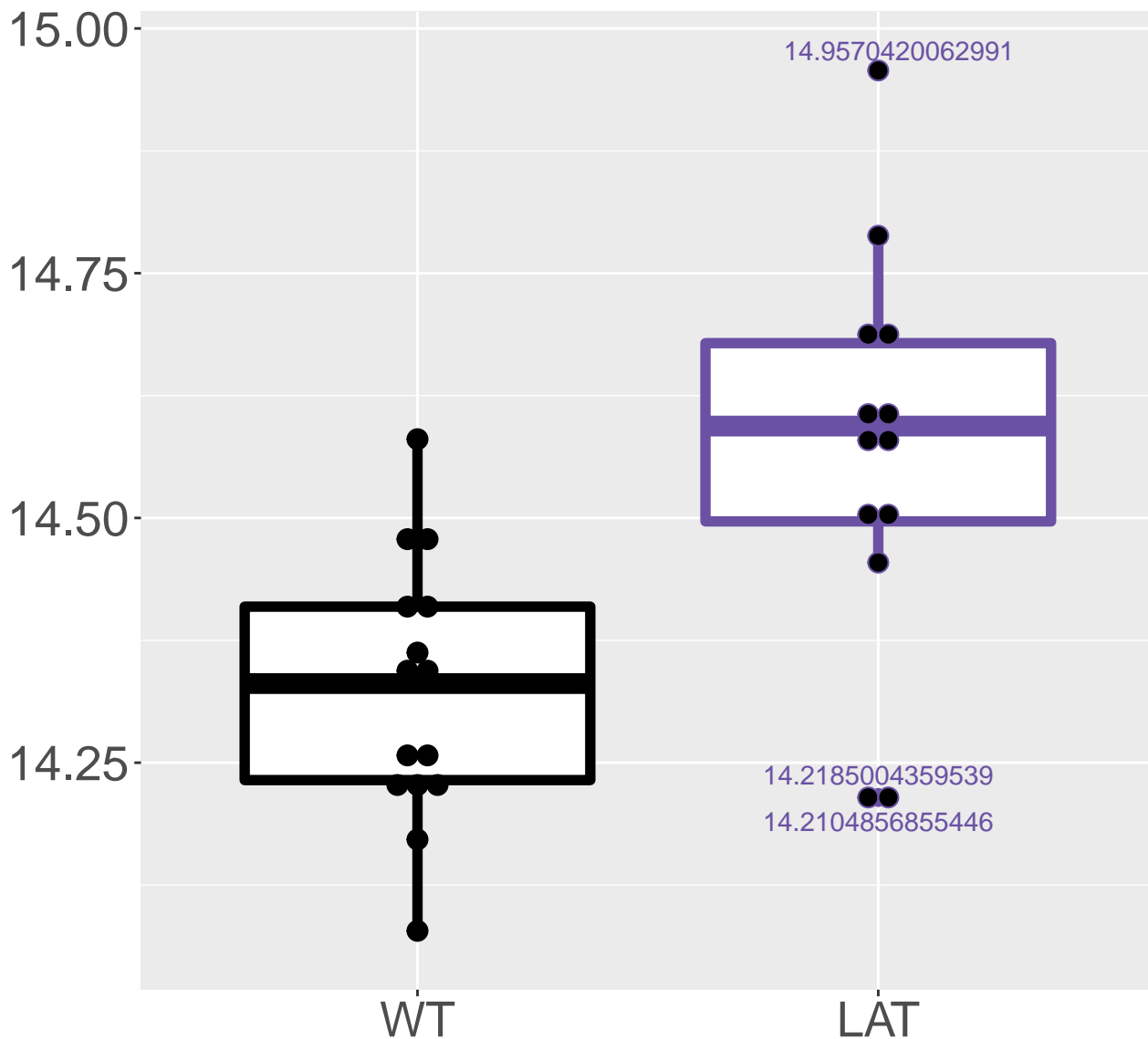


**M623.2771T583.99**

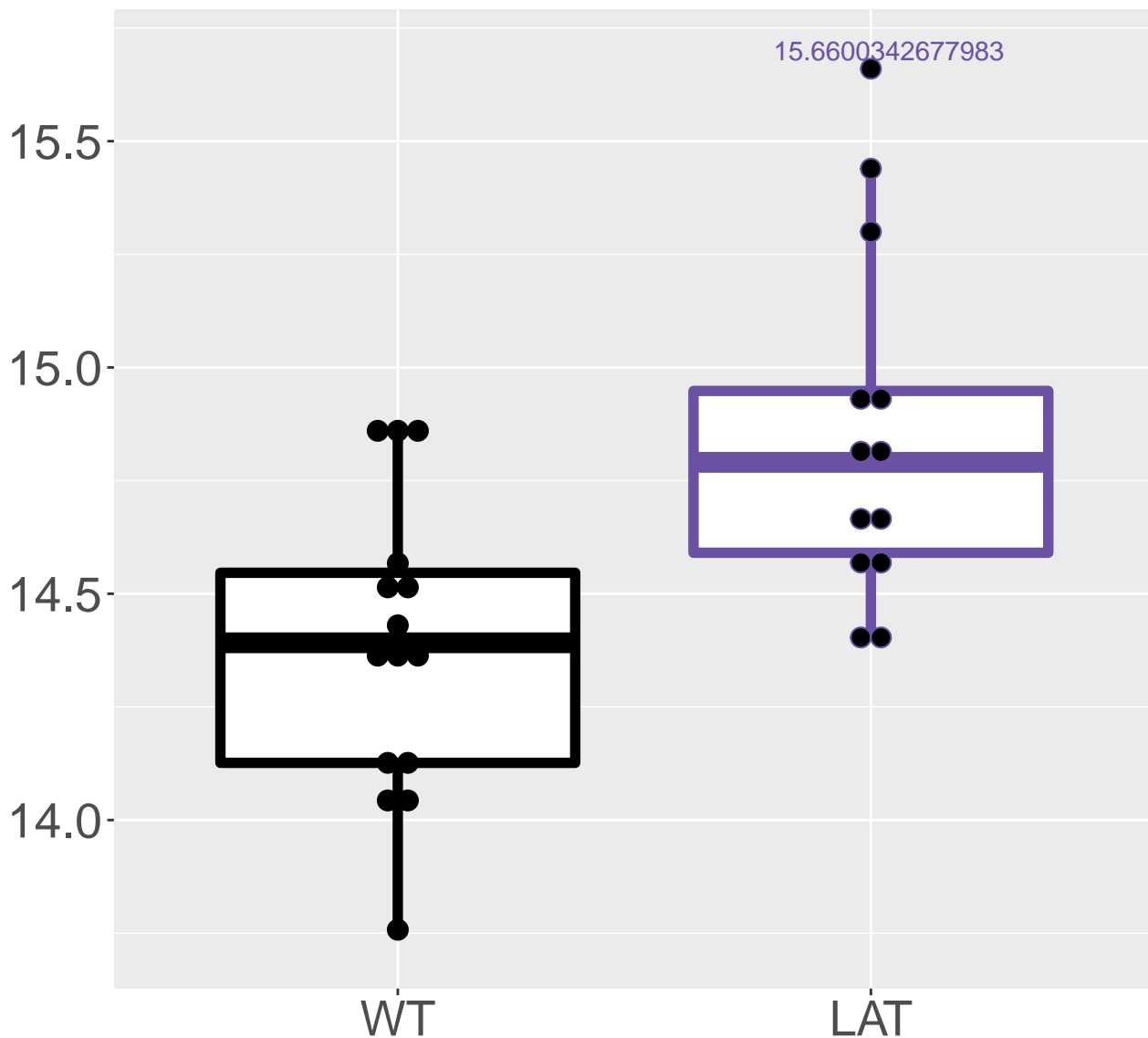
**FDR = 0.015, FC = -0.88**



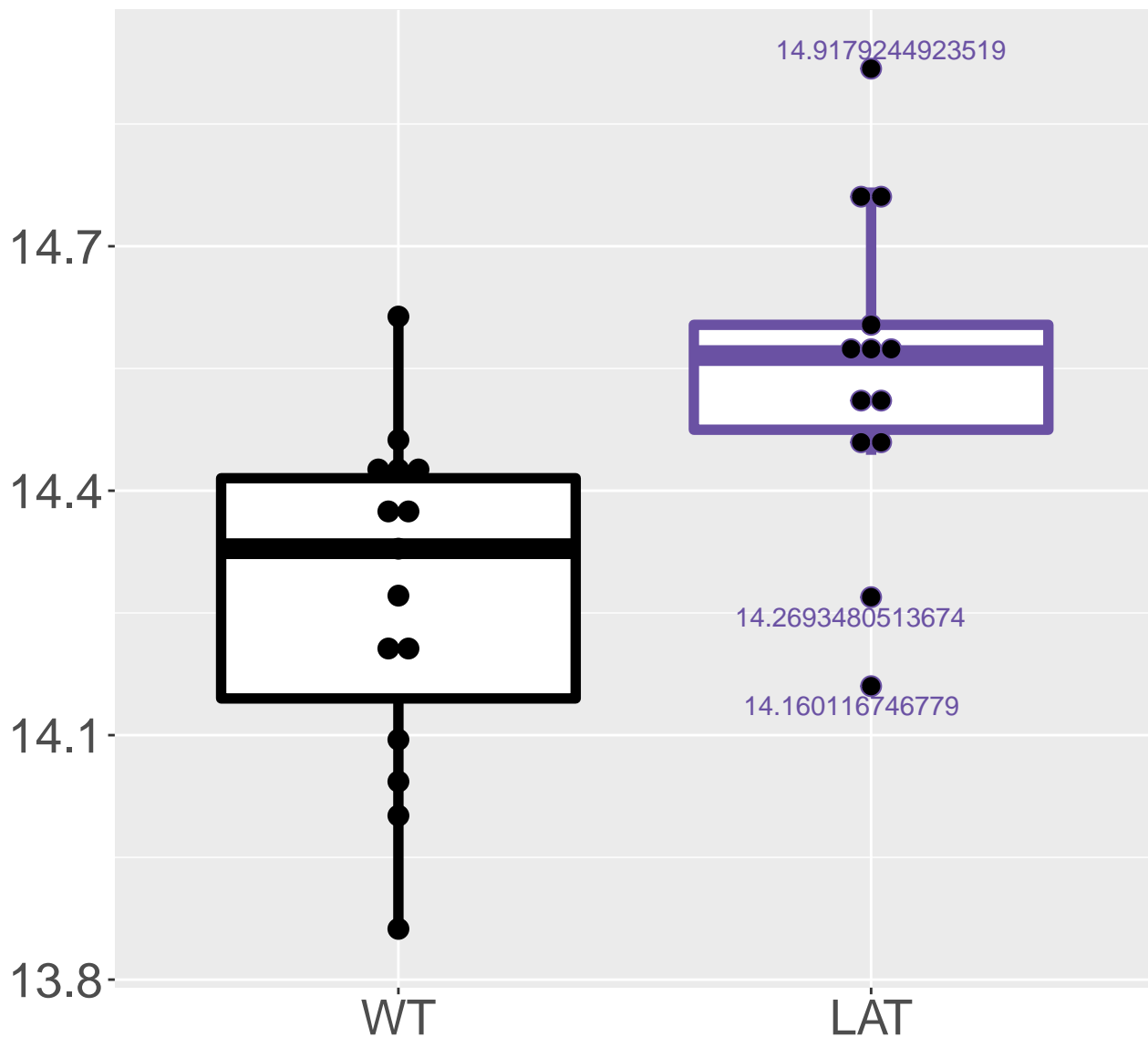
**M222.9033T1027.19\_2**  
**FDR = 0.015, FC = 0.24**



**M99.0089T145.35**  
**FDR = 0.015, FC = 0.47**

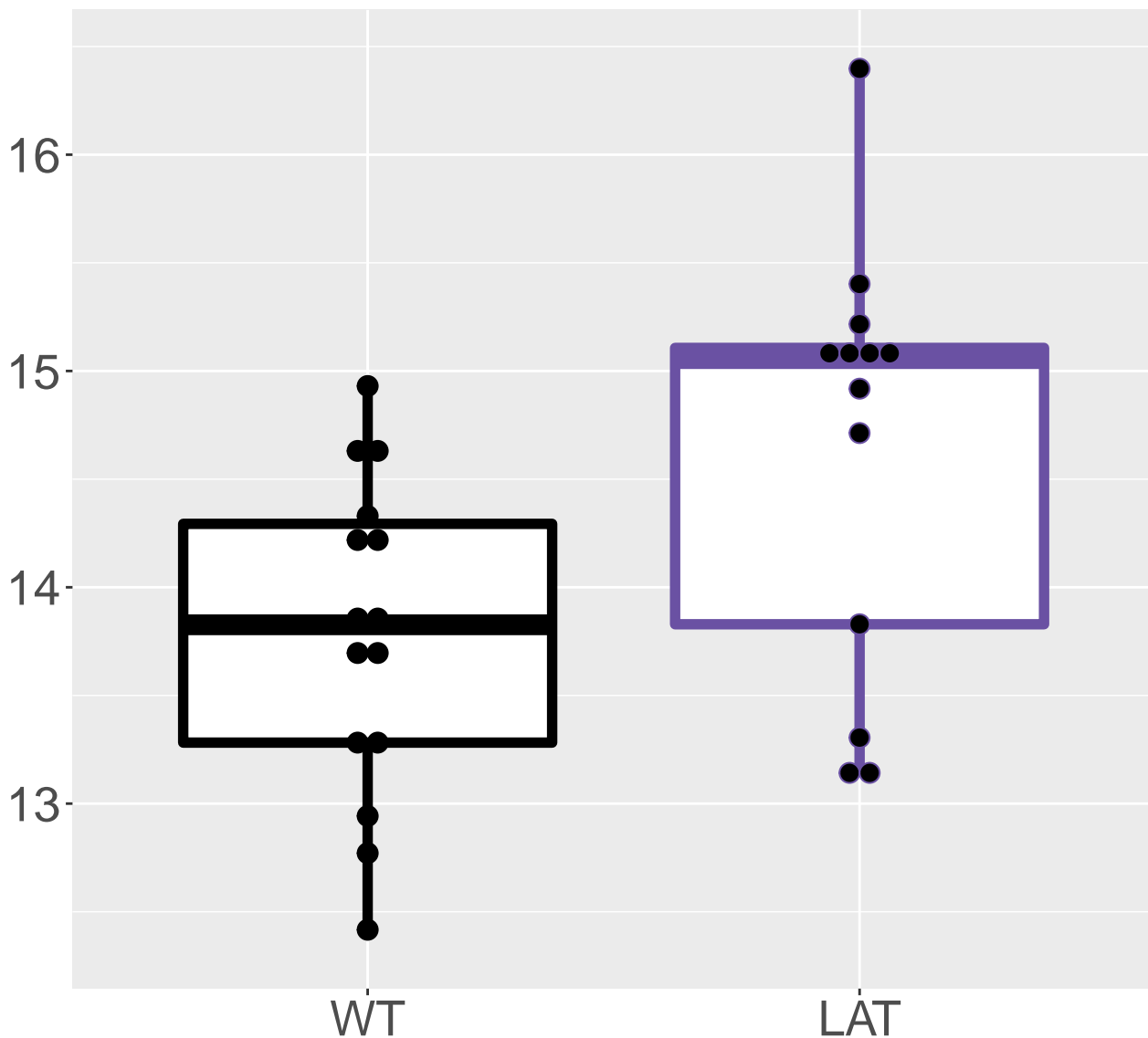


**M278.8523T1028.08**  
**FDR = 0.015, FC = 0.27**

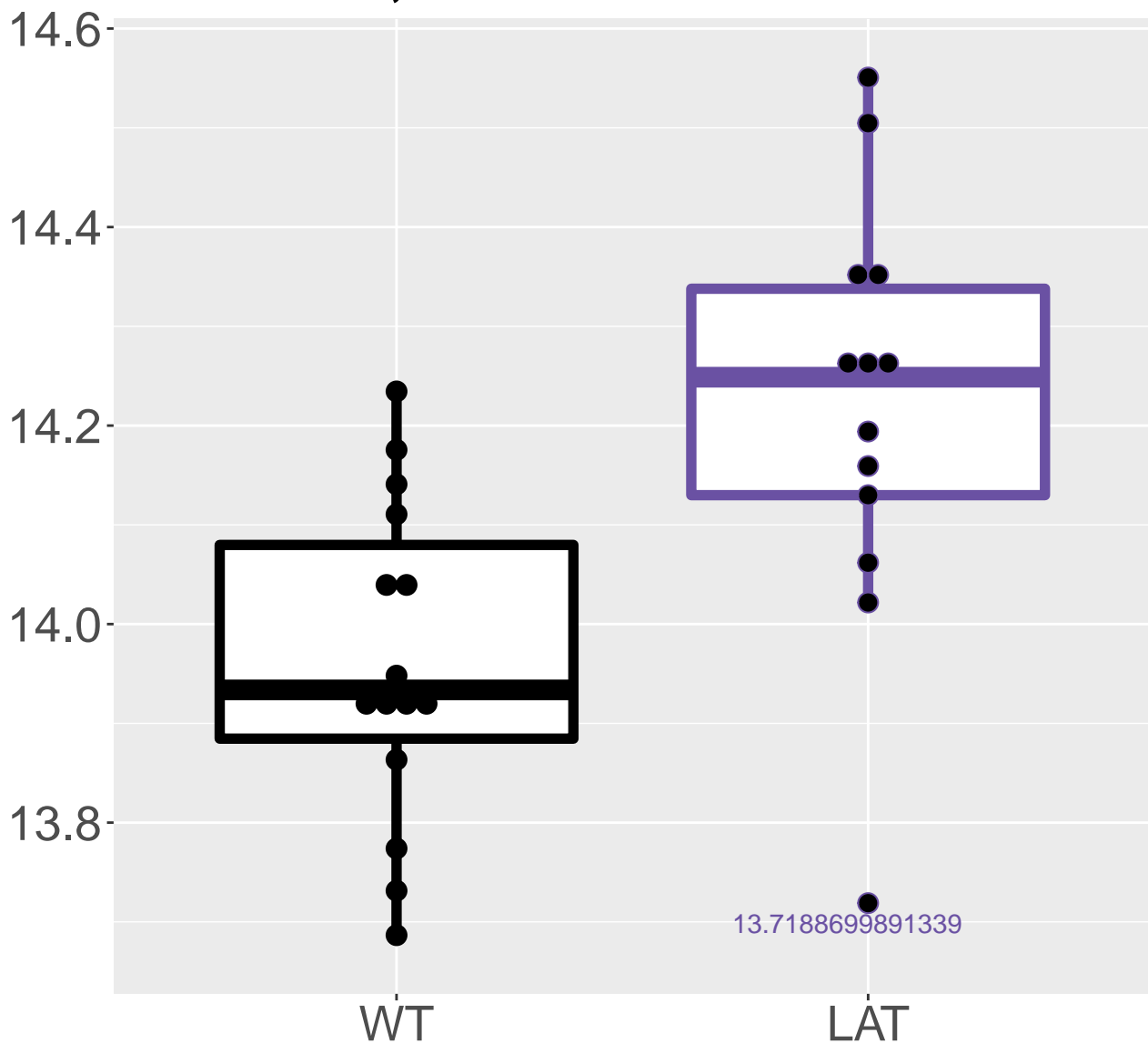


**M185.9995T565.65**

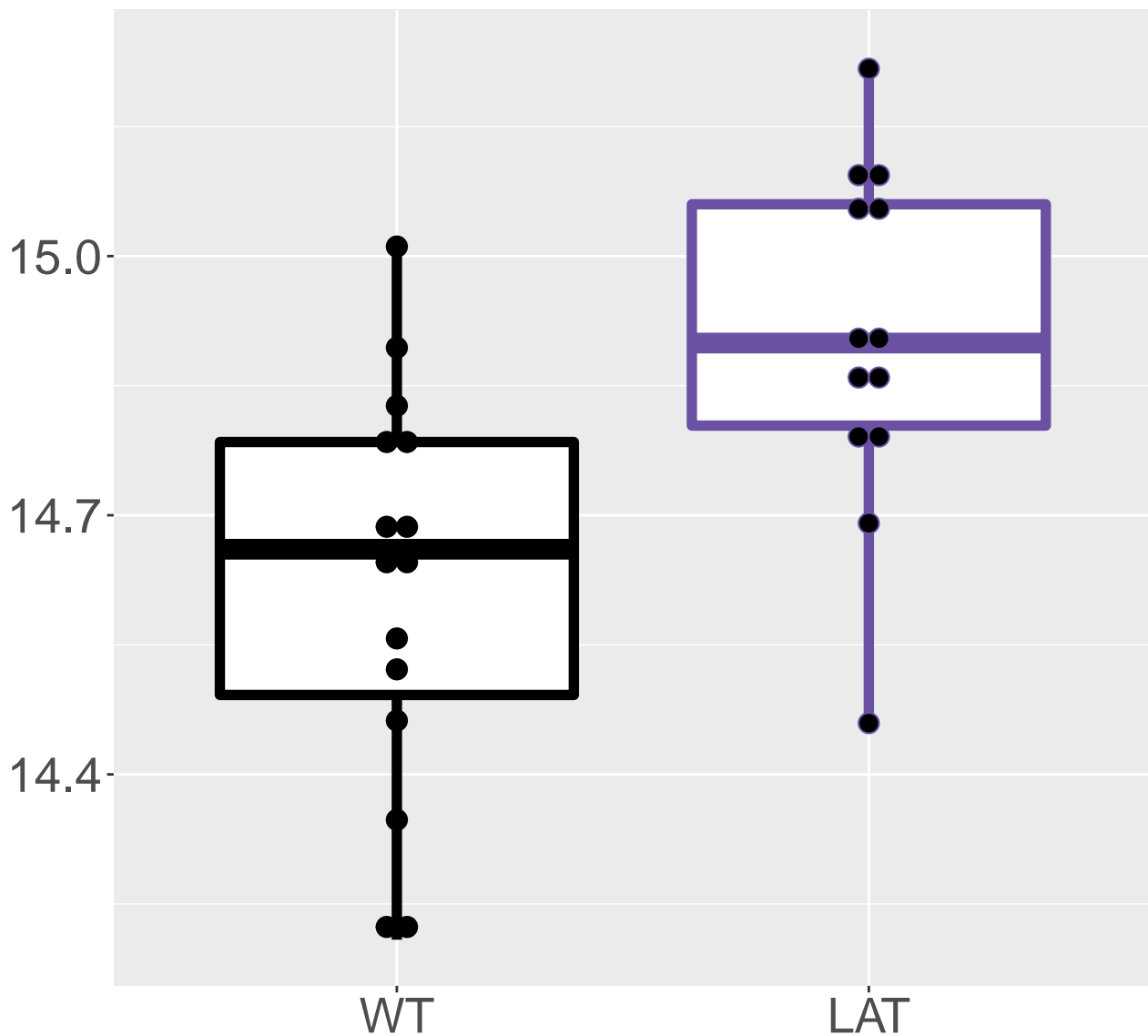
**FDR = 0.015, FC = 0.86, sex\***



**FDR = 0.016, FC = 0.26**

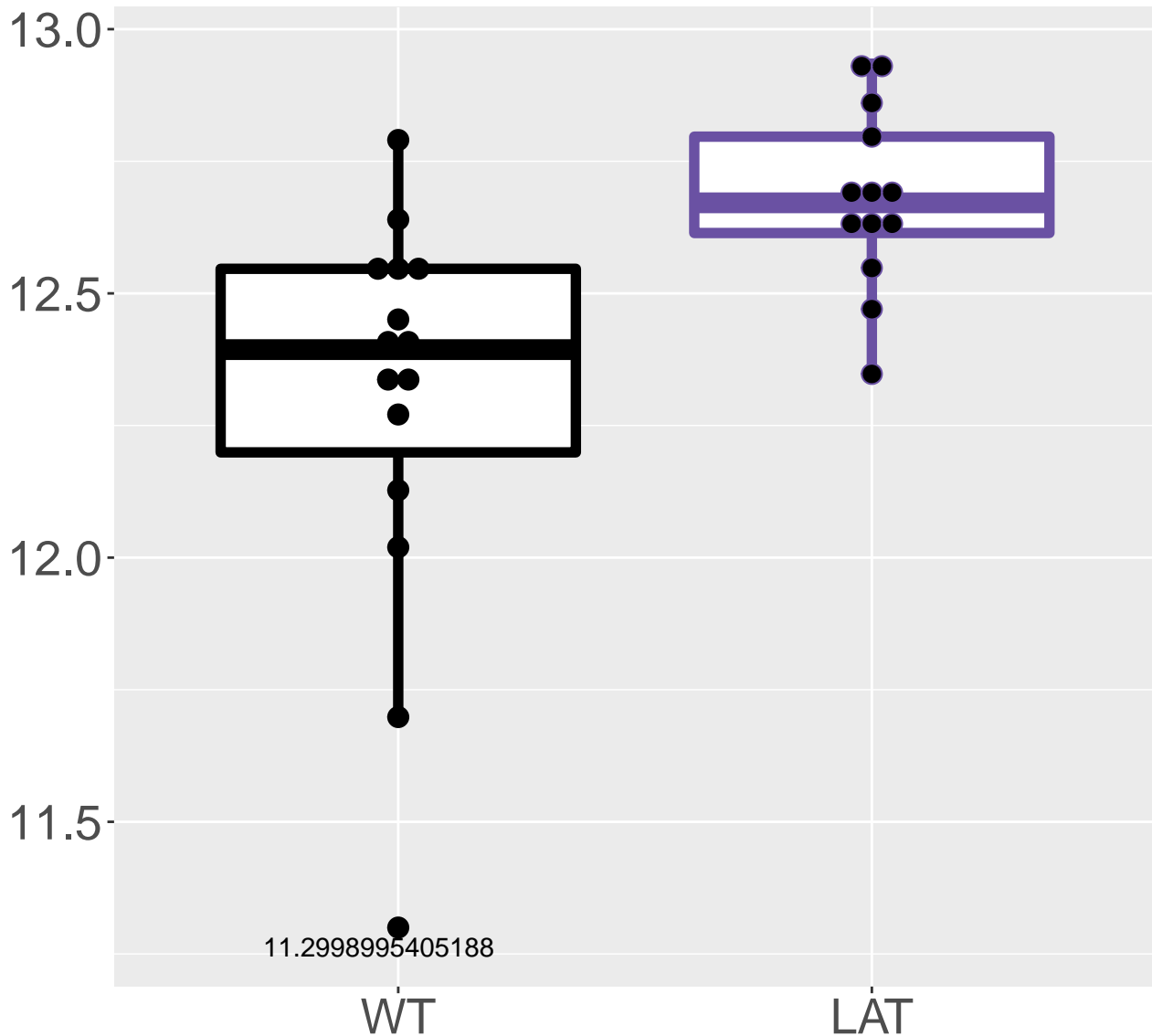


**M620.7133T1029.41**  
**FDR = 0.016, FC = 0.29**

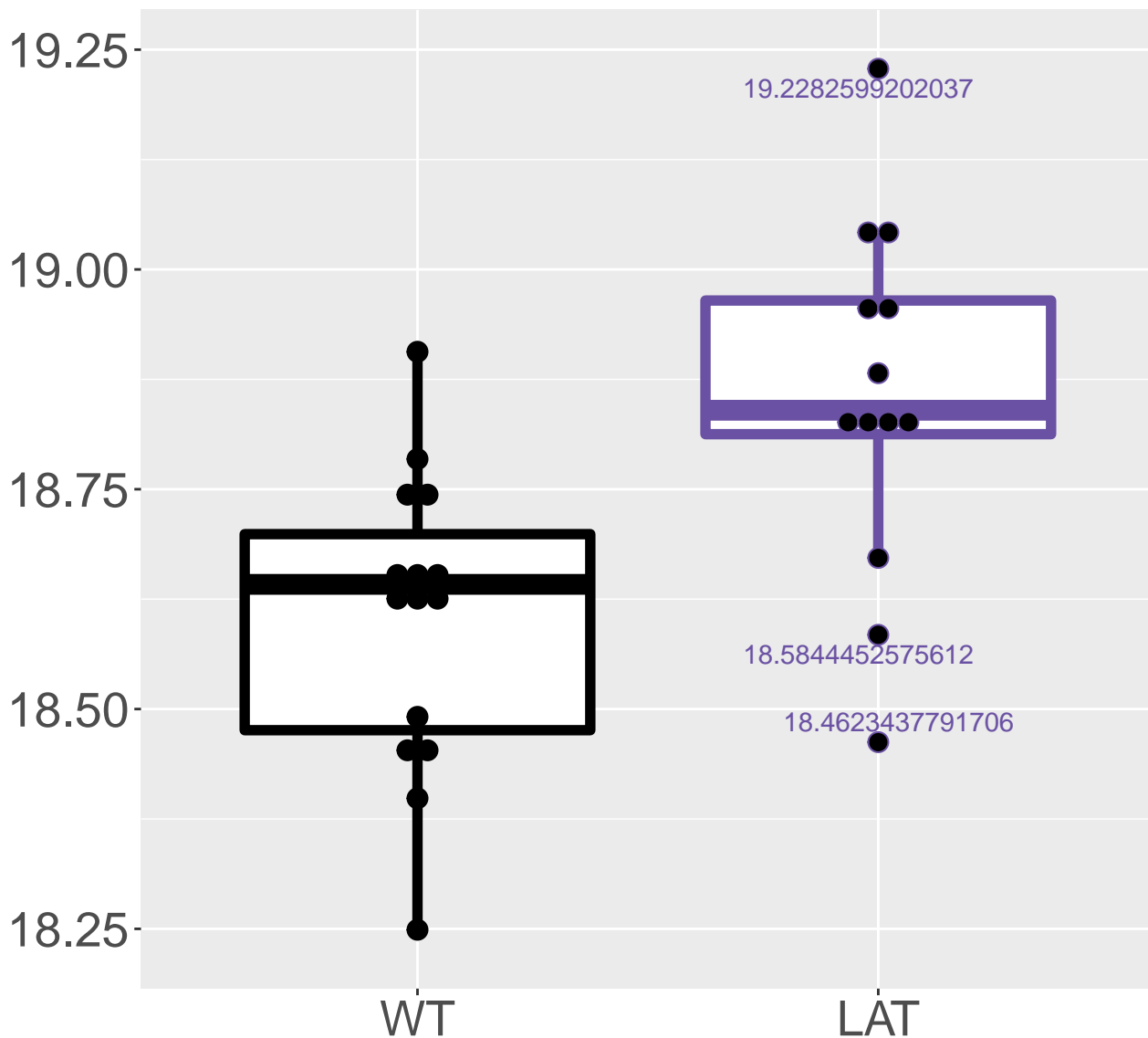




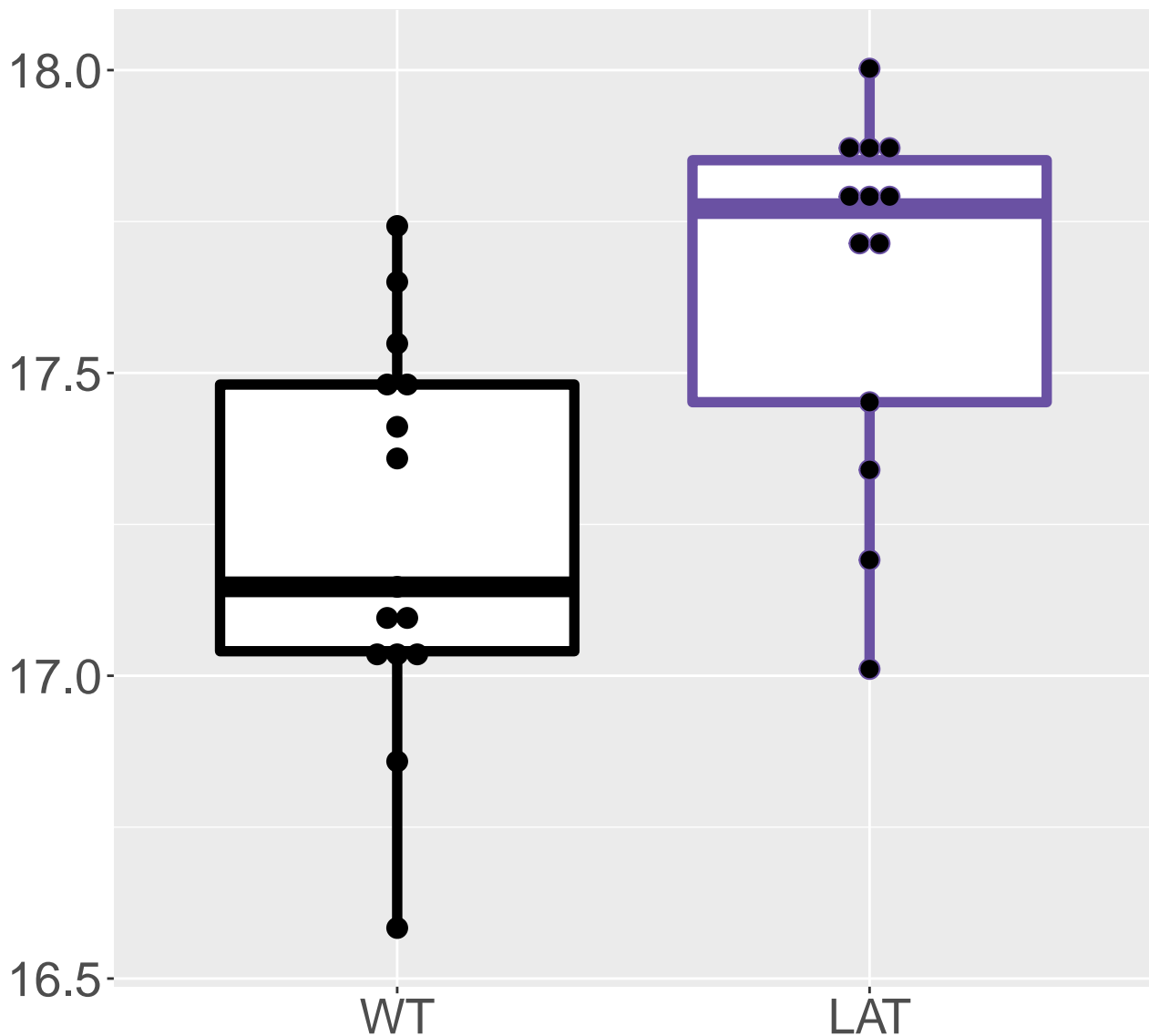
**M383.8483T1028.16**  
**FDR = 0.016, FC = 0.38**



**M115.9758T1028.24**  
**FDR = 0.016, FC = 0.25**

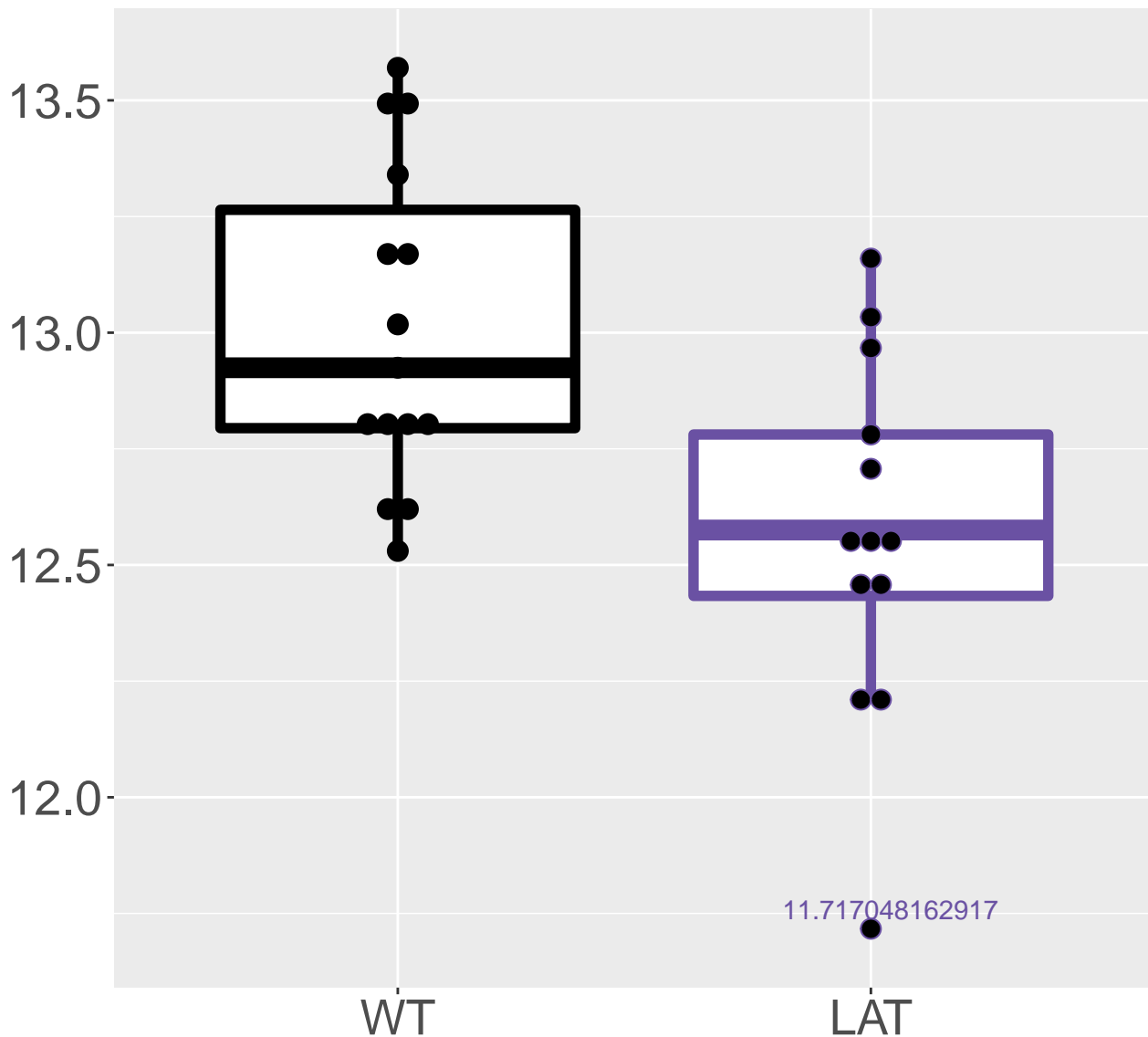


**M248.9798T436.43**  
**FDR = 0.016, FC = 0.41**



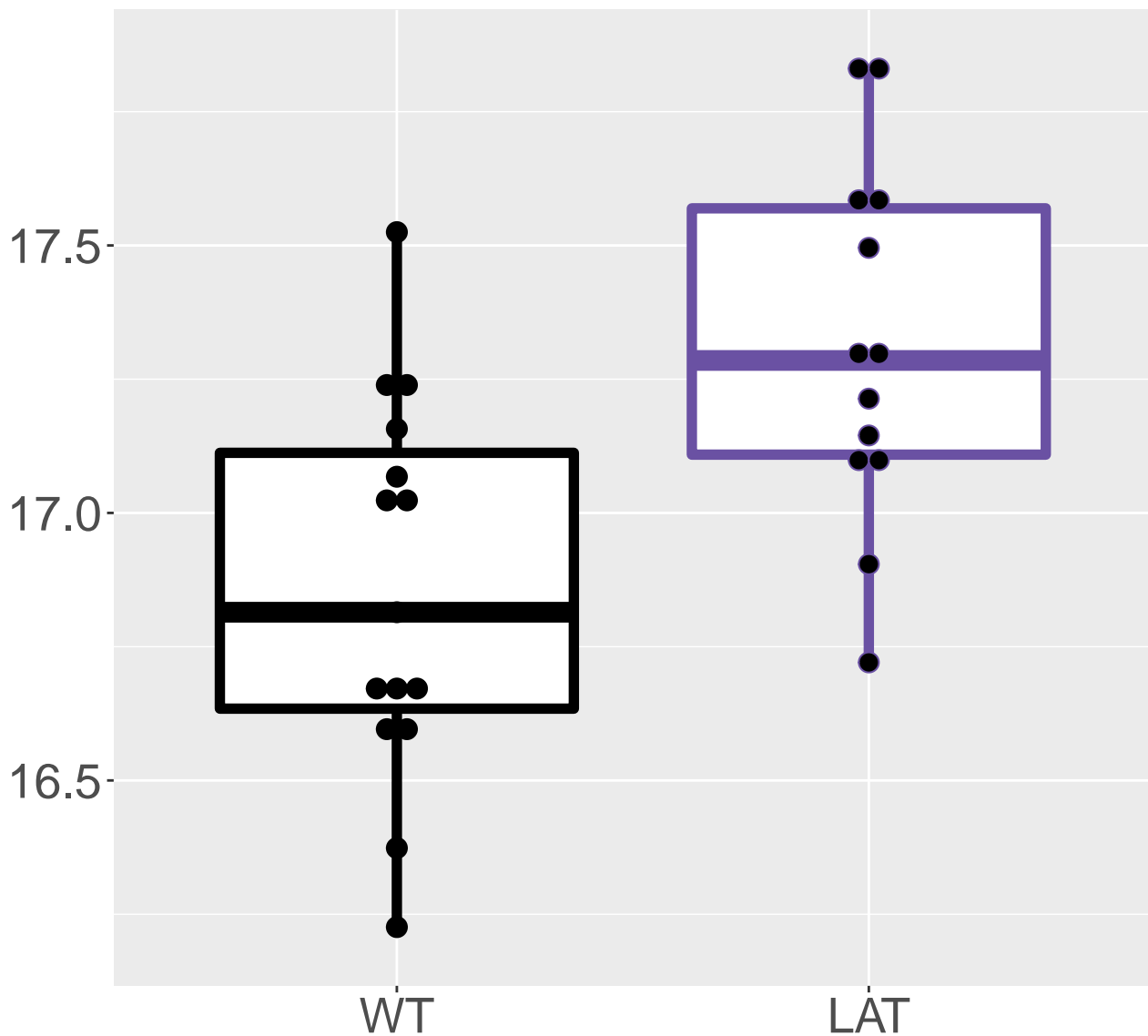
**M473.1998T582.26**

**FDR = 0.016, FC = -0.44**

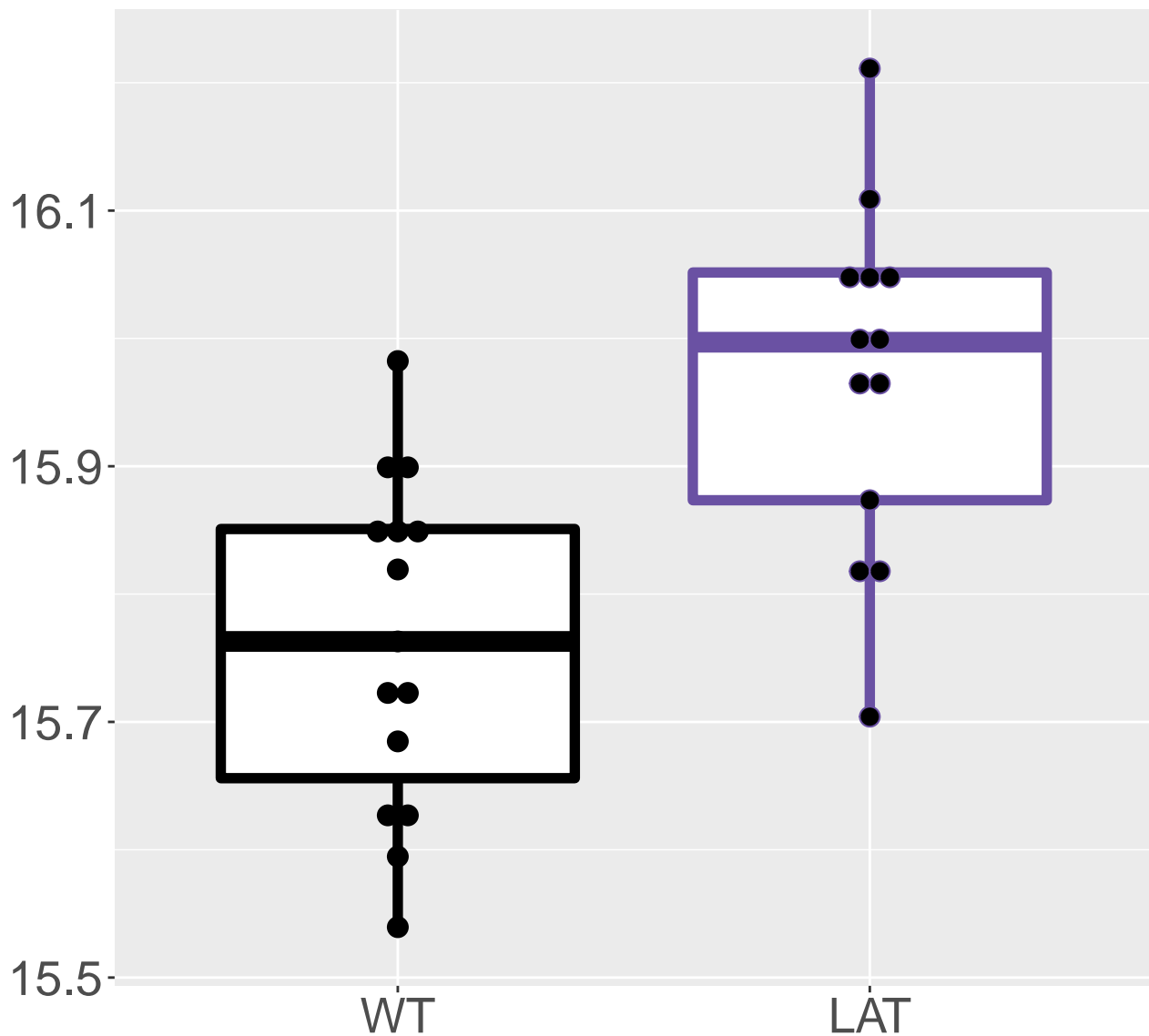


**M187.0979T377.38**

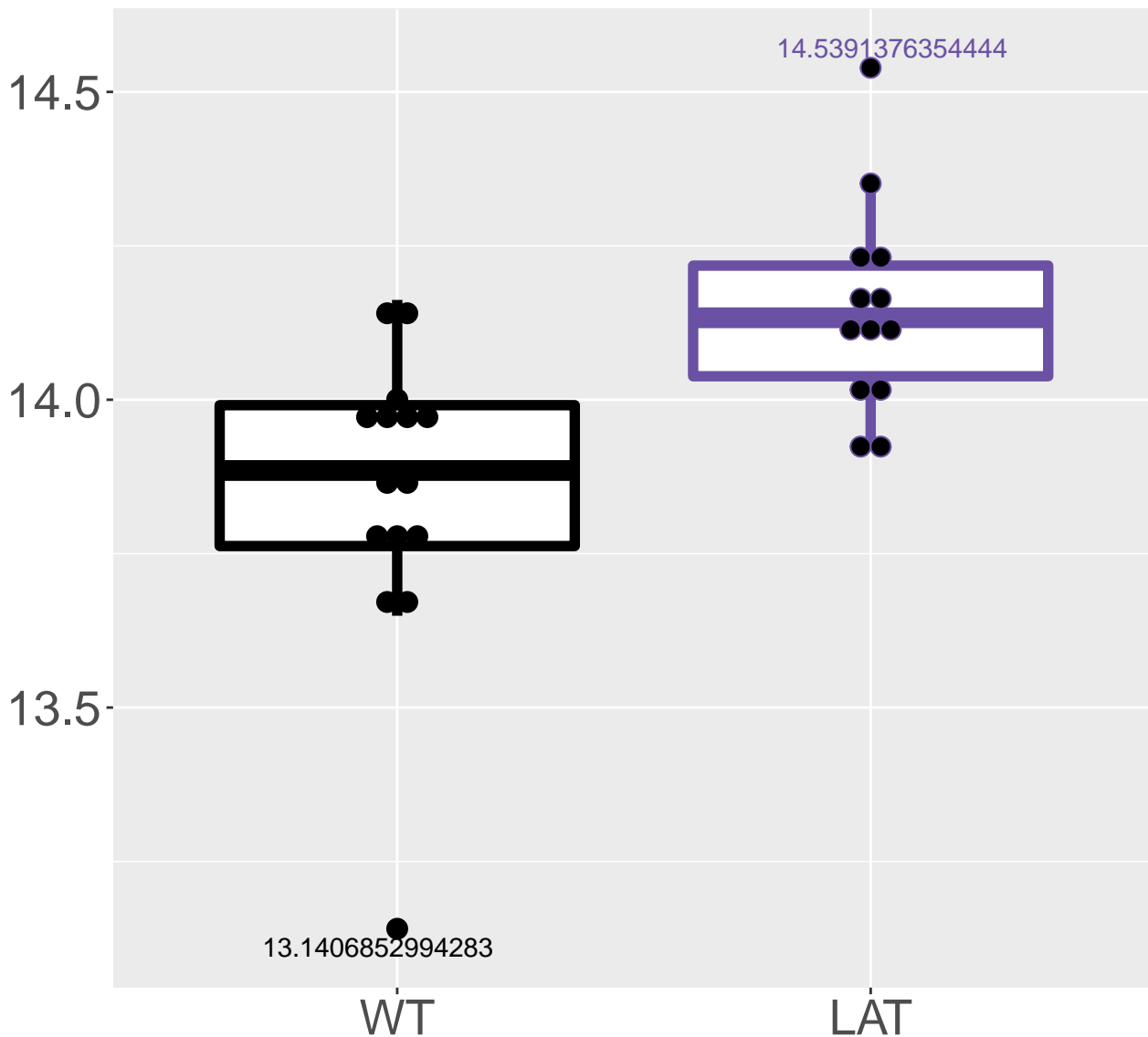
**FDR = 0.016, FC = 0.46**



**M344.8887T1027.23**  
**FDR = 0.016, FC = 0.21**

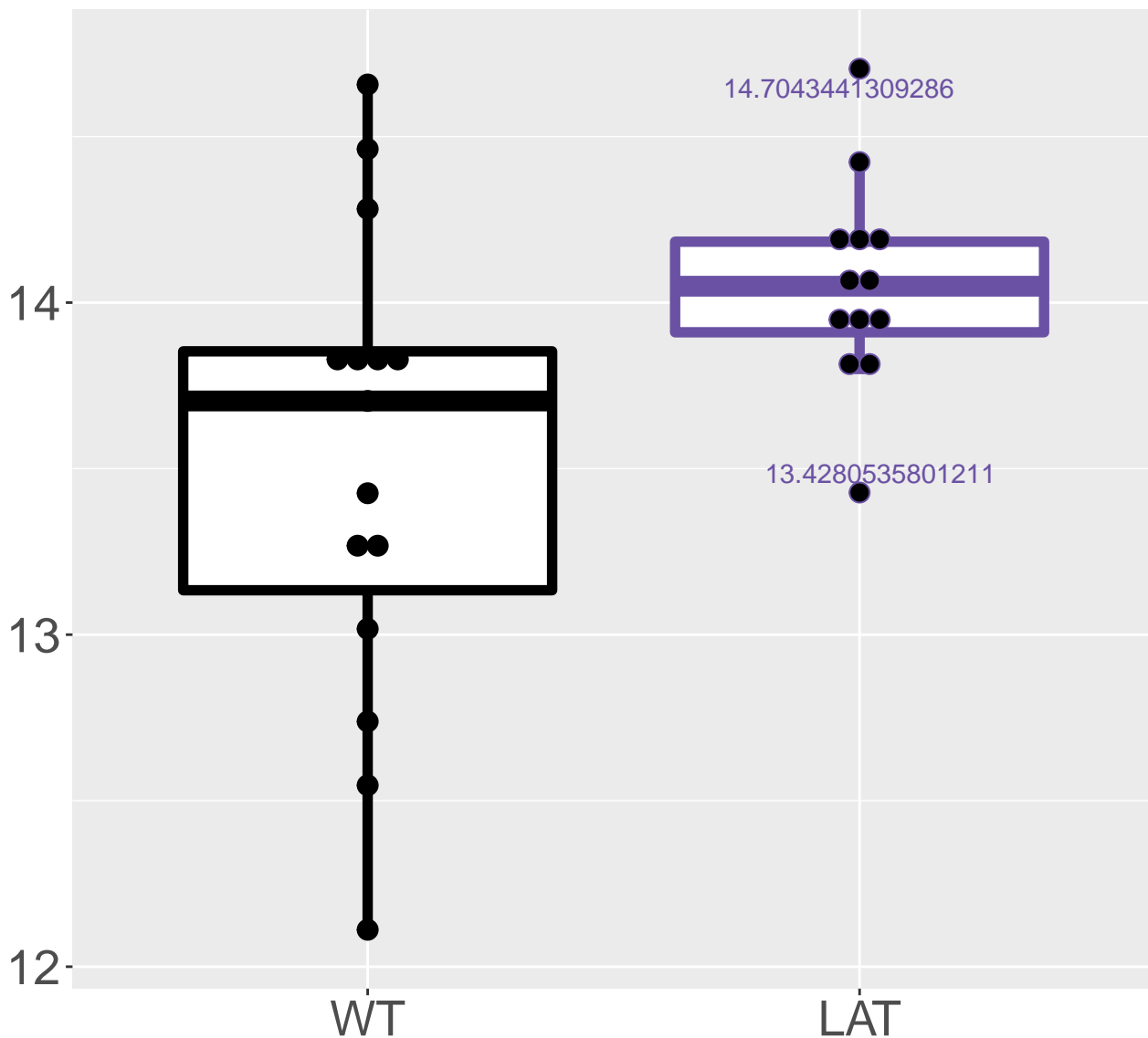


**M221.891T1027.07**  
**FDR = 0.016, FC = 0.3**



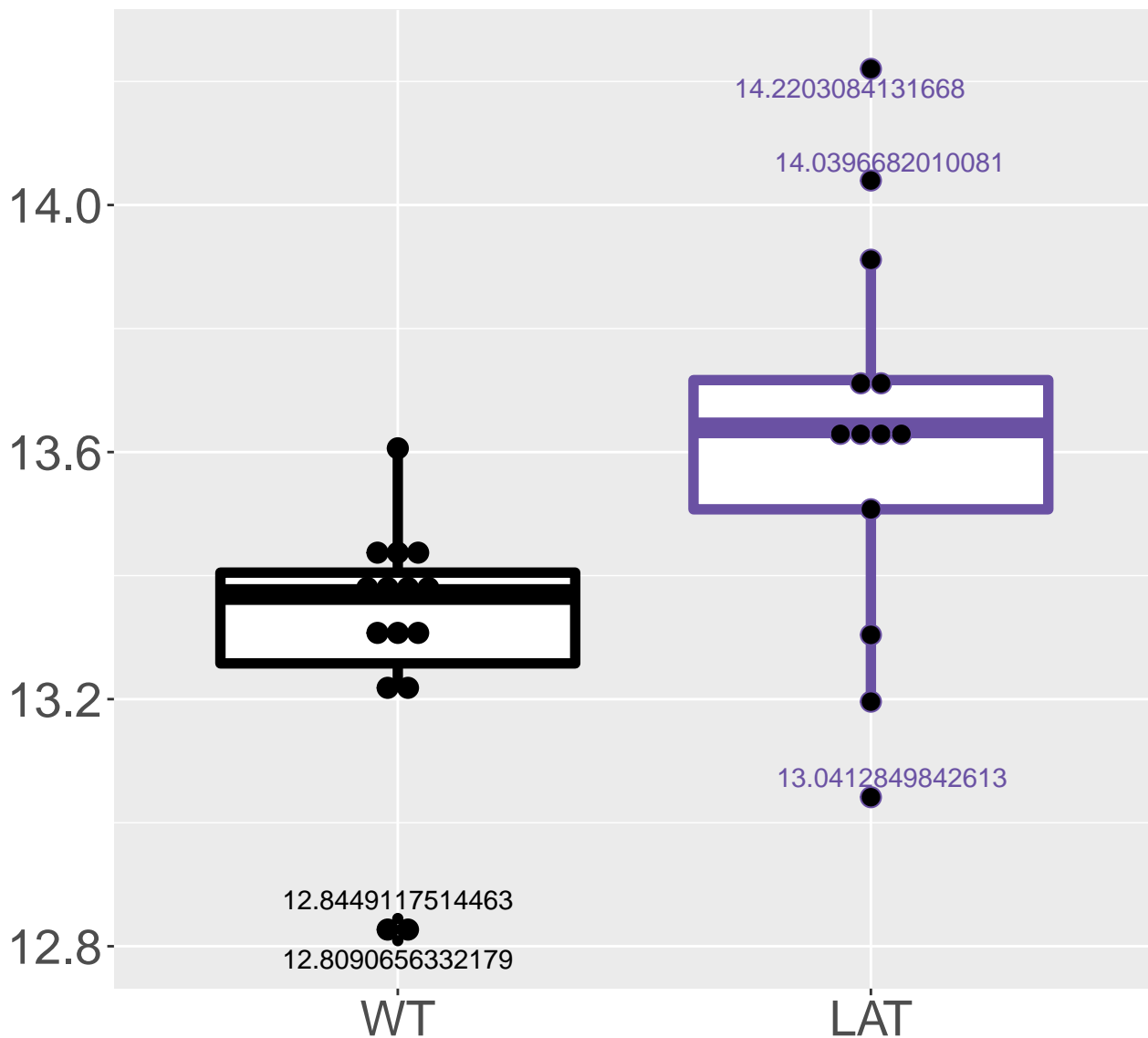
**M417.0774T157.08**

**FDR = 0.016, FC = 0.54, sex\*\***

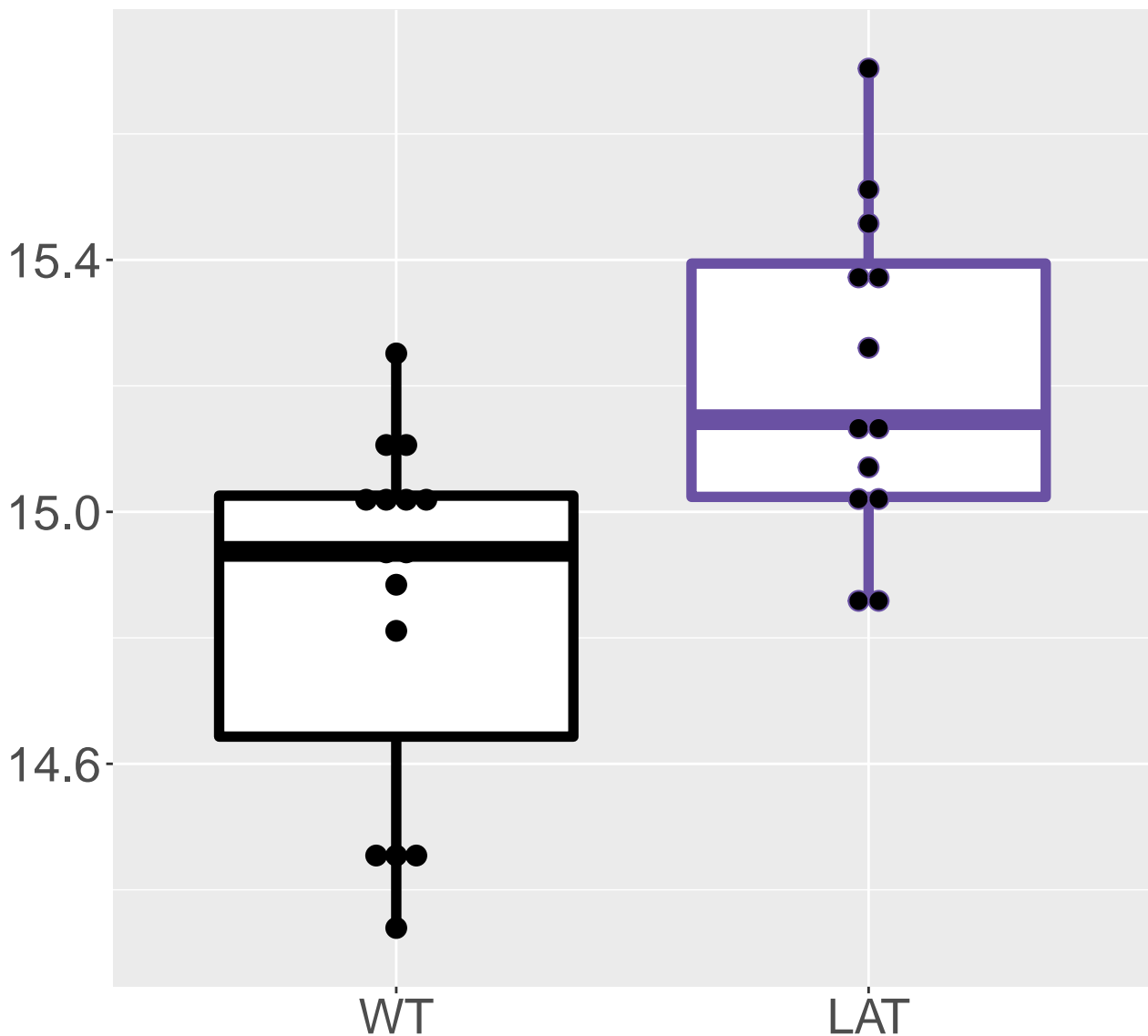




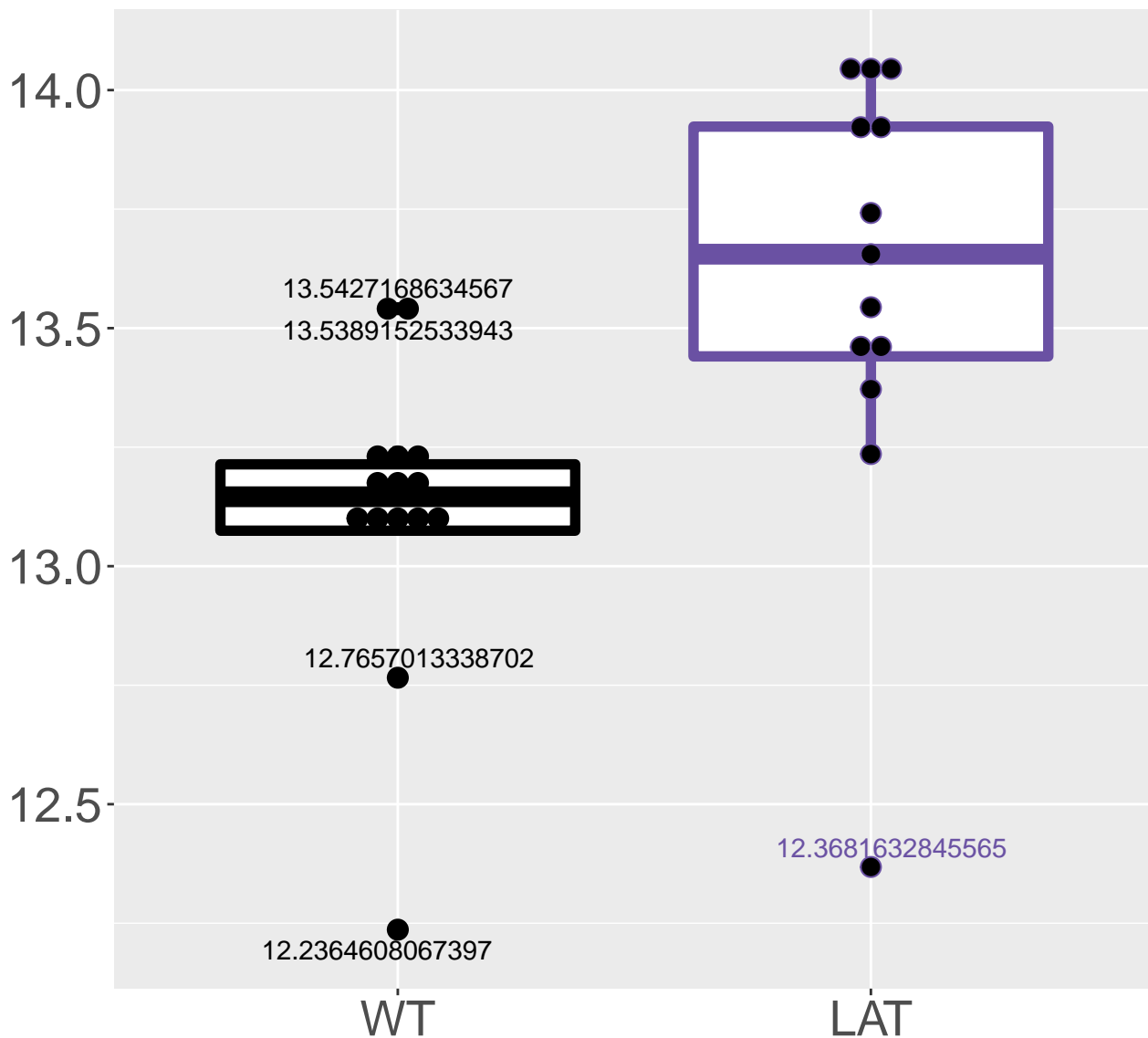
**M196.0288T512.57**  
**FDR = 0.017, FC = 0.33**



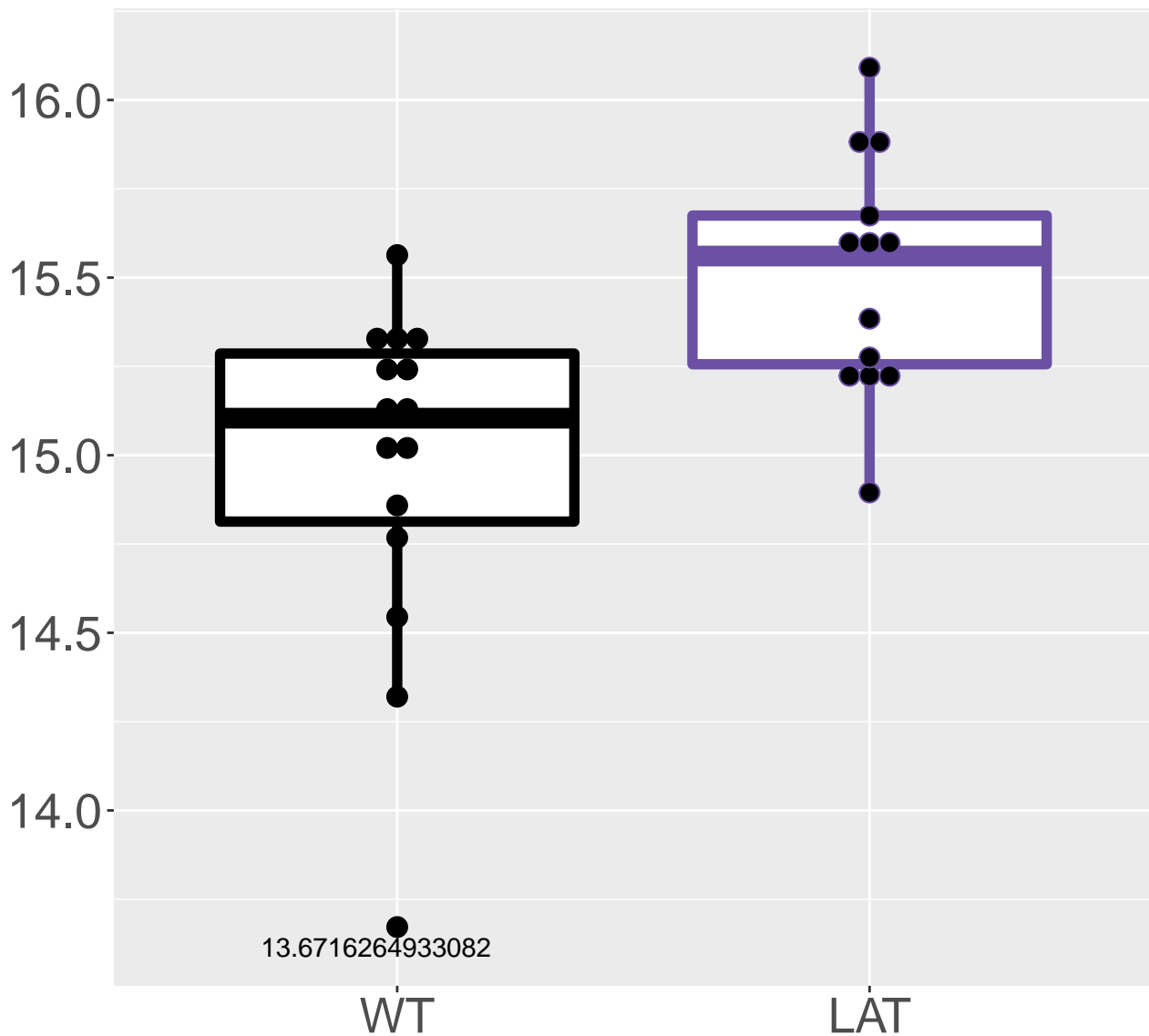
**M505.8491T993.86**  
**FDR = 0.017, FC = 0.36**



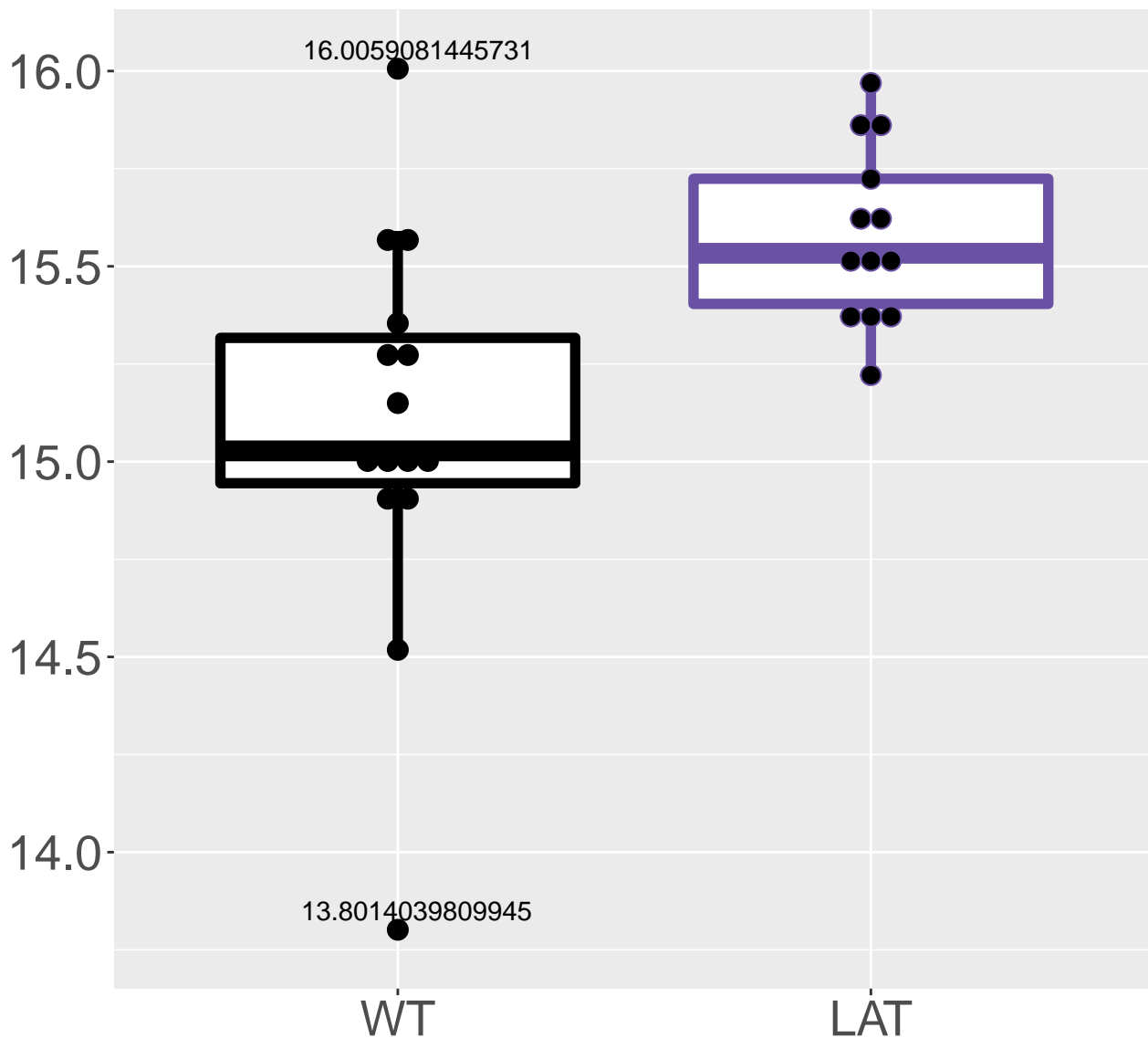
**M243.9481T1024.61**  
**FDR = 0.017, FC = 0.48**



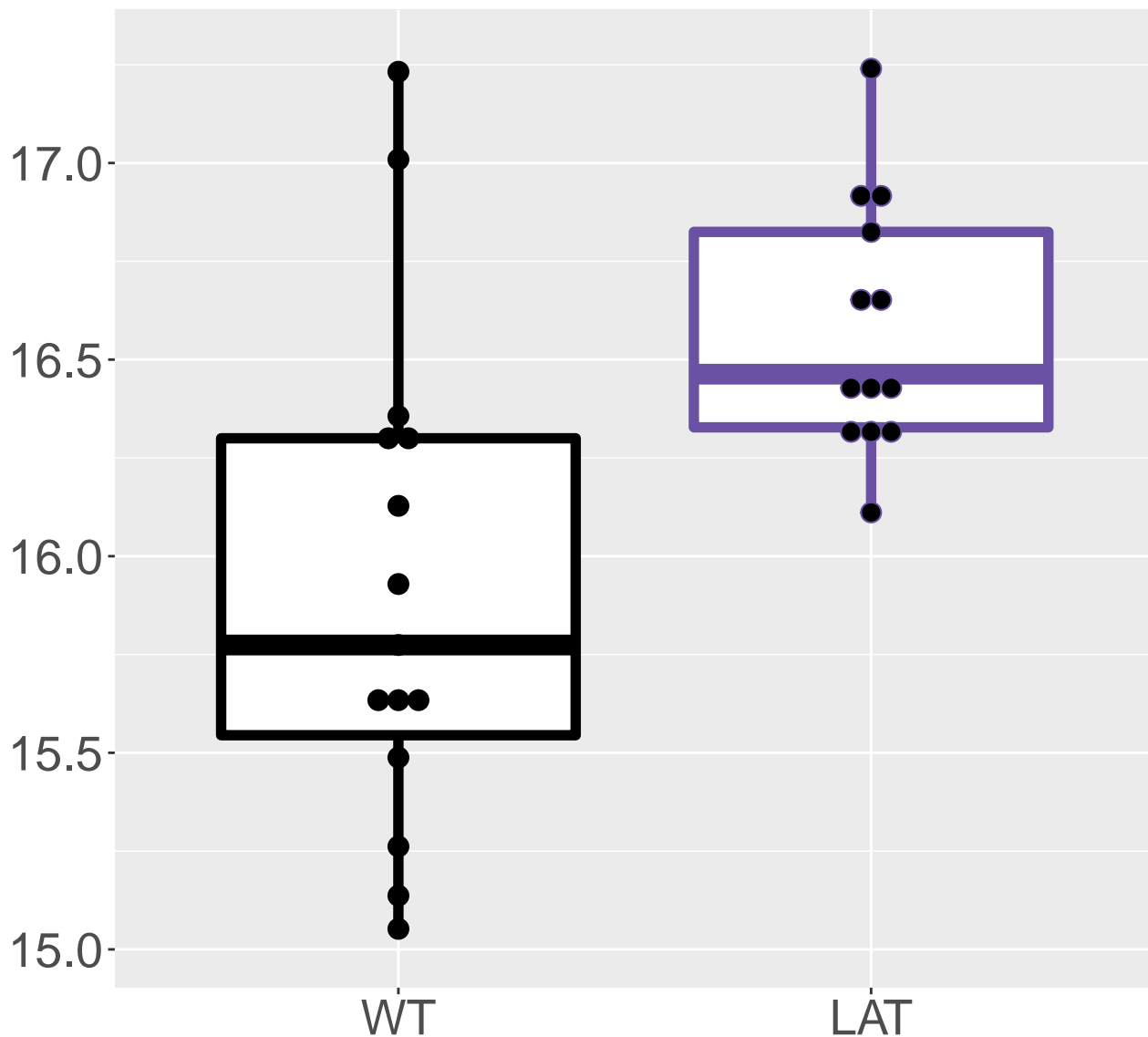
**M442.3682T993.65**  
**FDR = 0.017, FC = 0.54**



**M160.0335T512**  
**FDR = 0.017, FC = 0.49**

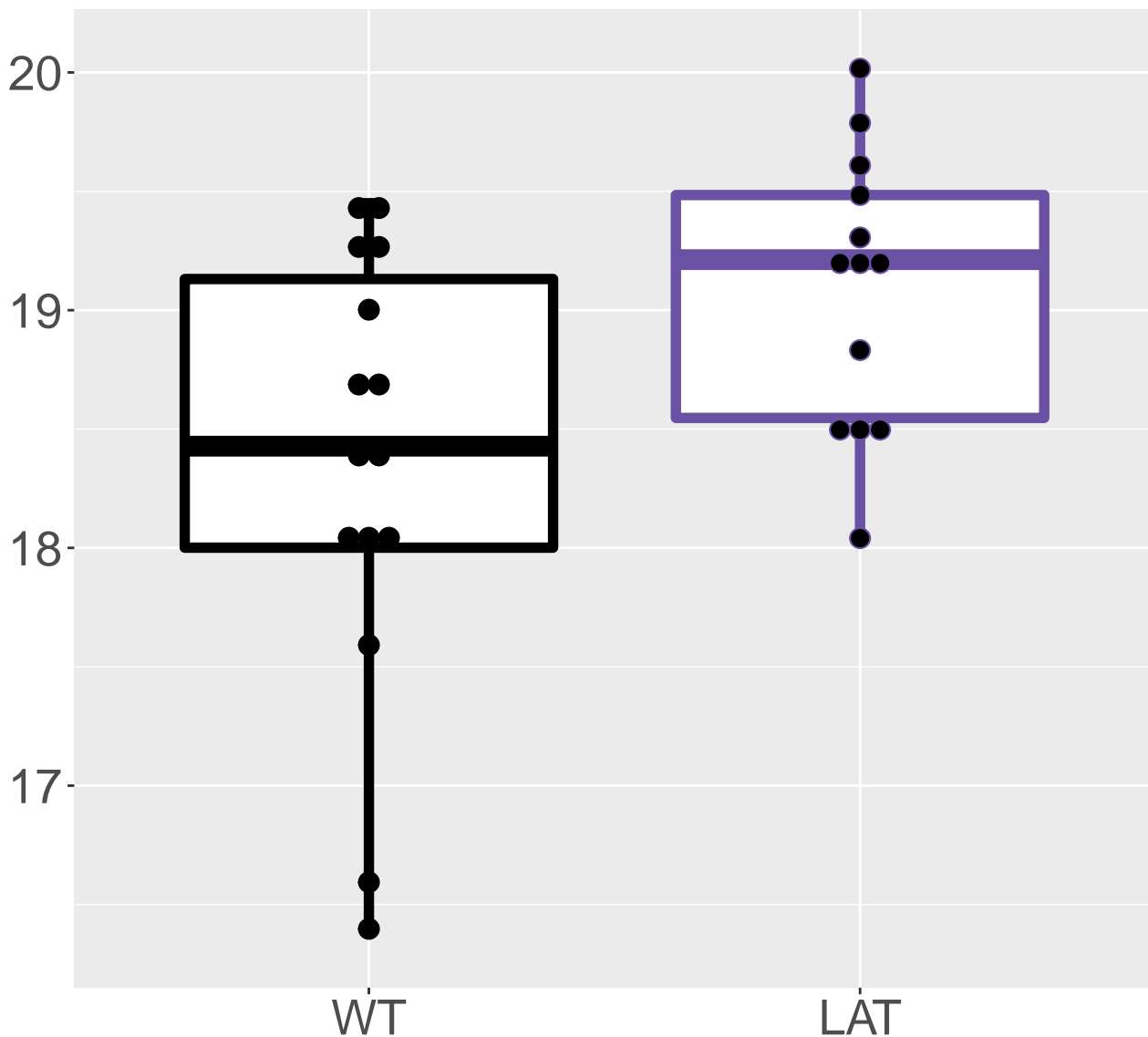


**M189.0408T489.92**  
**FDR = 0.017, FC = 0.65**



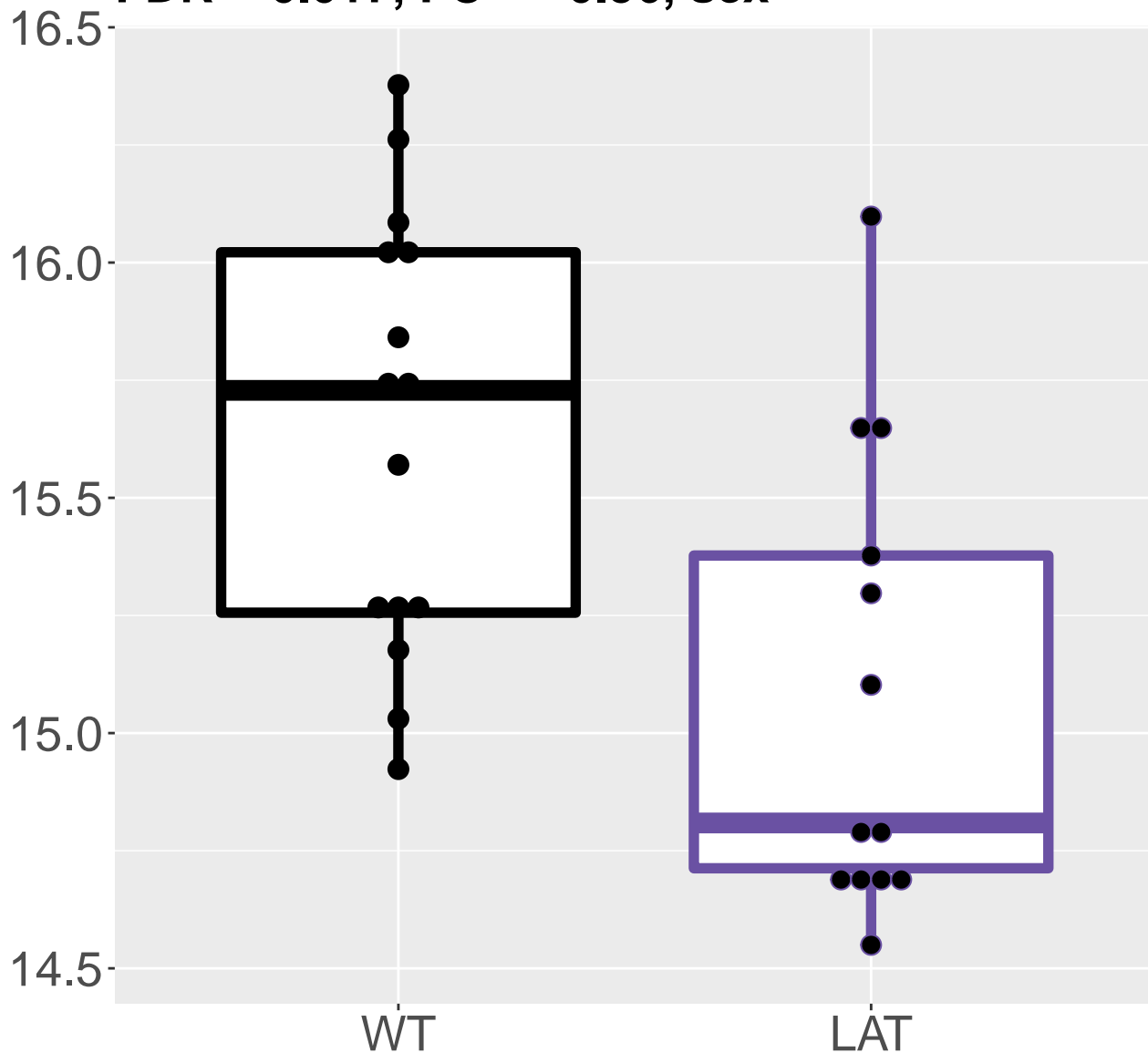
**M321.0445T85.71**

**FDR = 0.017, FC = 0.75, sex\*\*\***



**M339.1779T573.24**

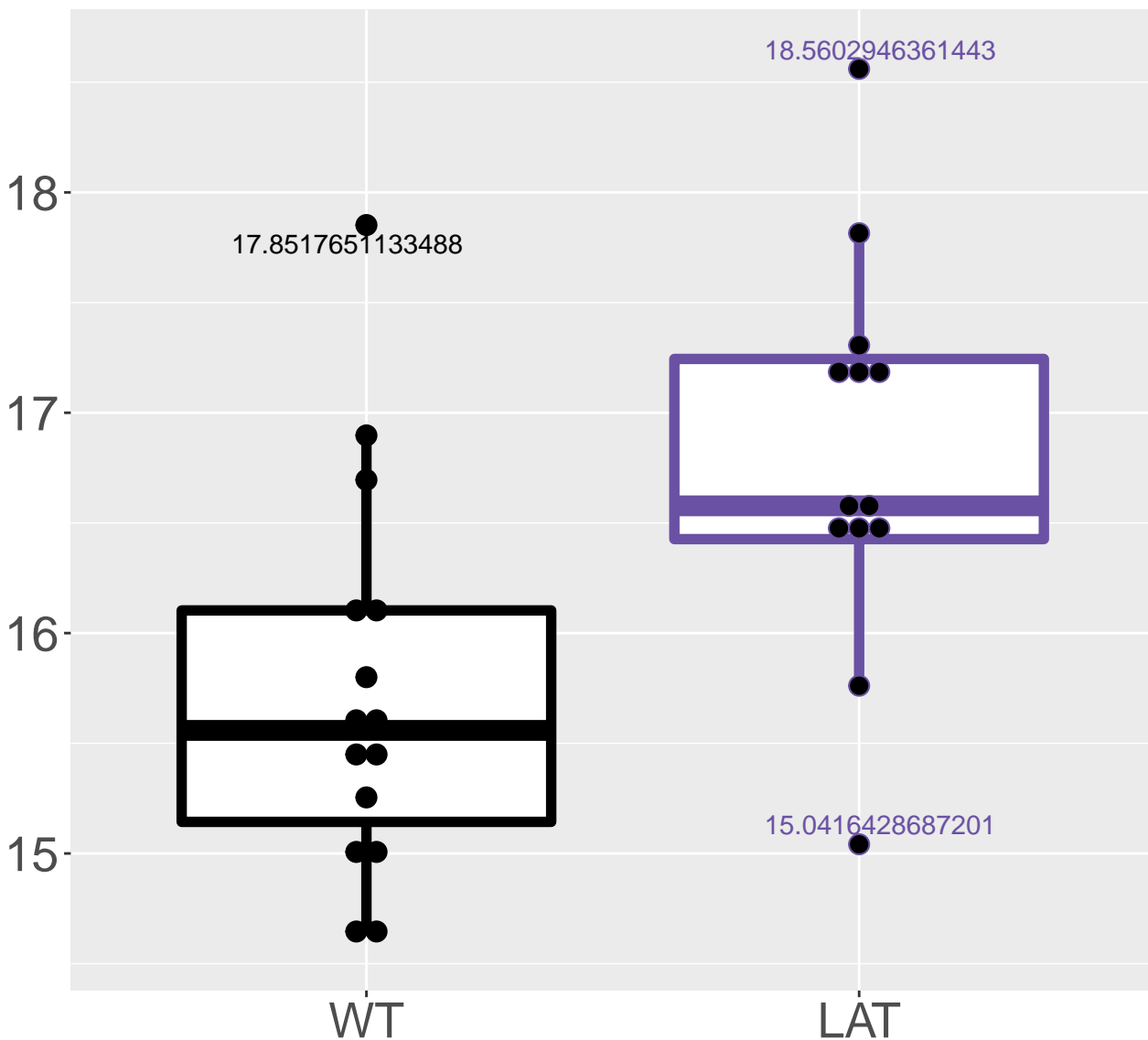
**FDR = 0.017, FC = -0.56, sex\***





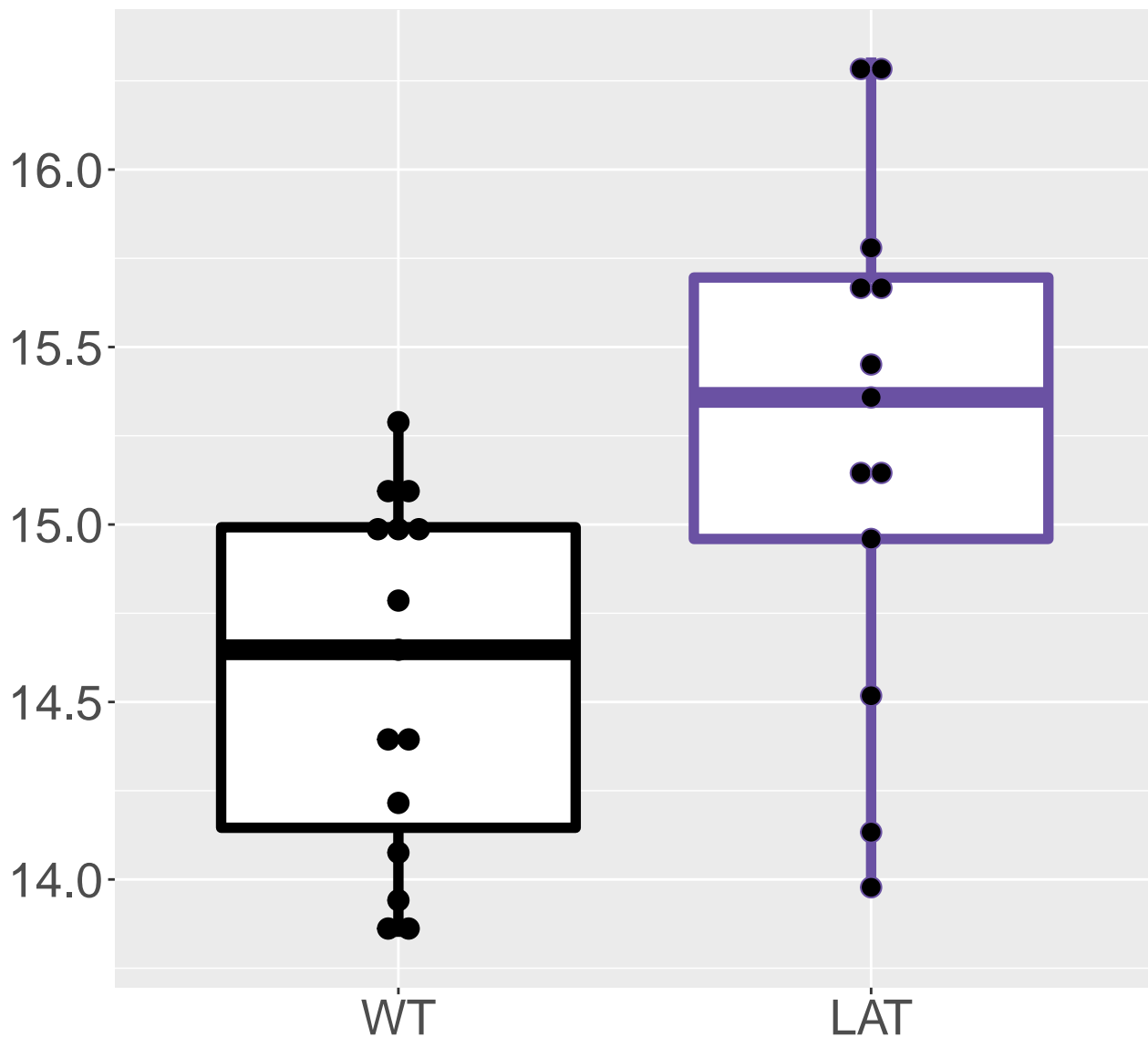
# M111.9296T702.03

**FDR = 0.017, FC = 1.1**



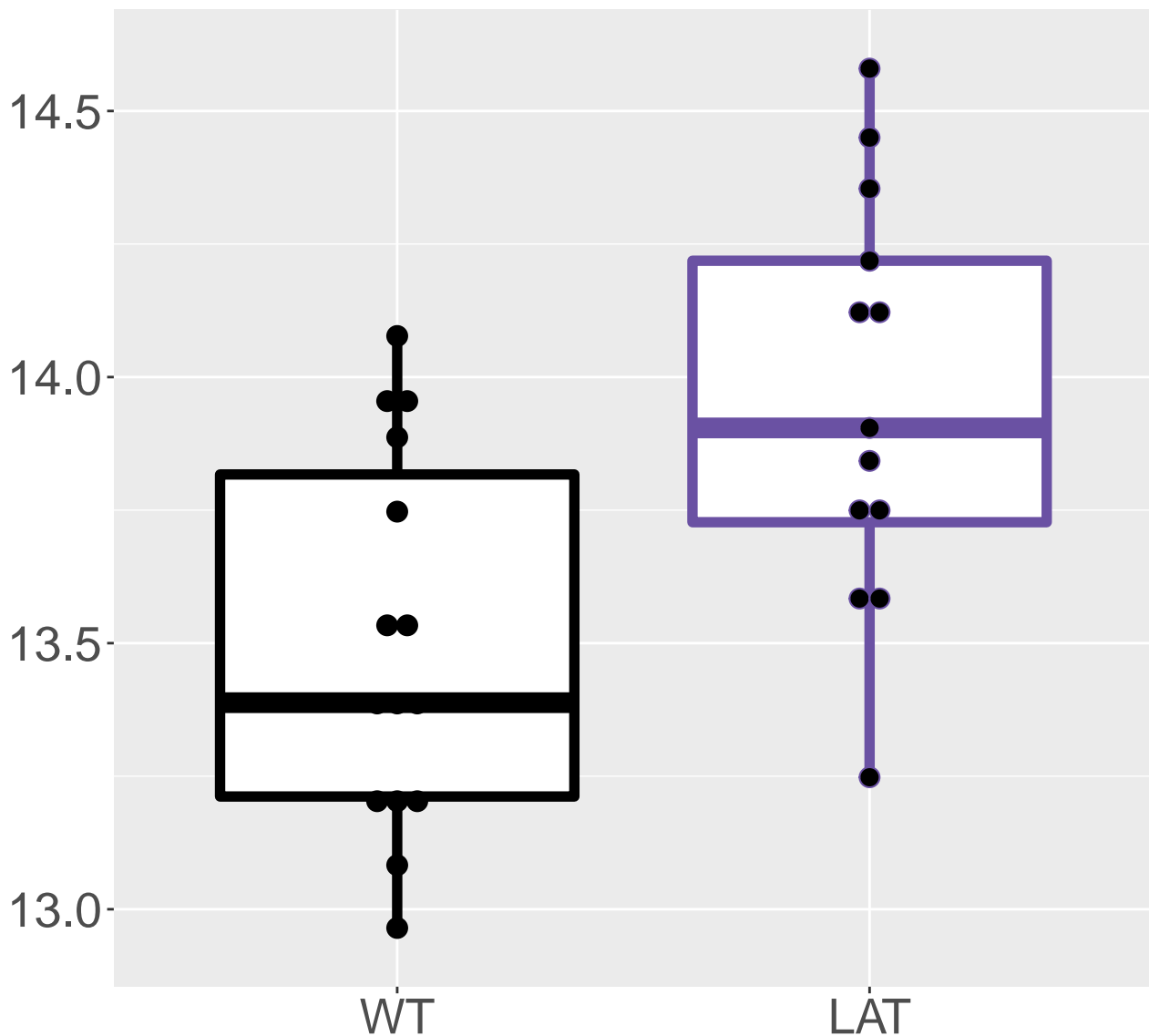
**M202.0725T490.45**

**FDR = 0.017, FC = 0.69, sex\***

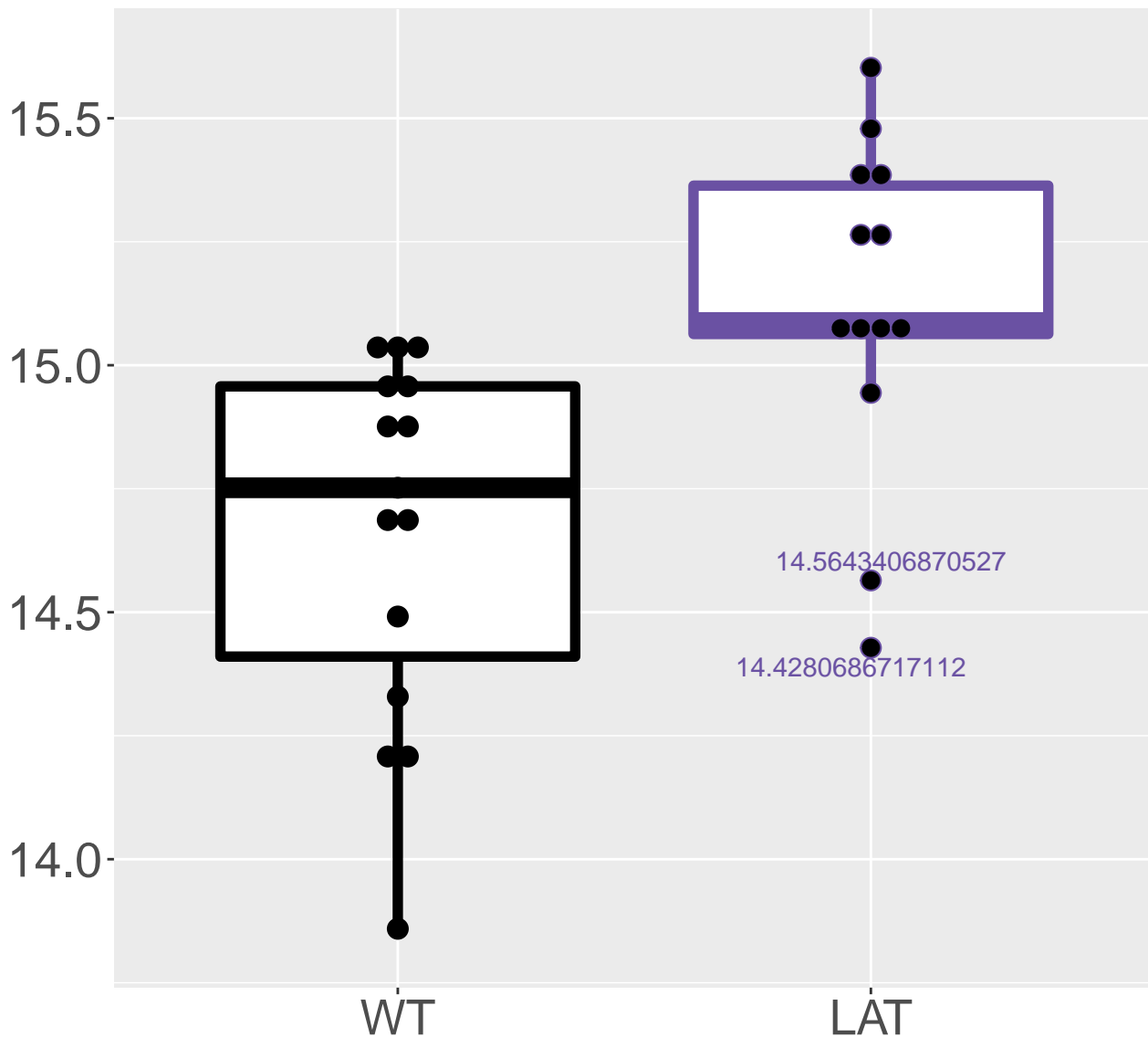


**M389.8782T1220.65**

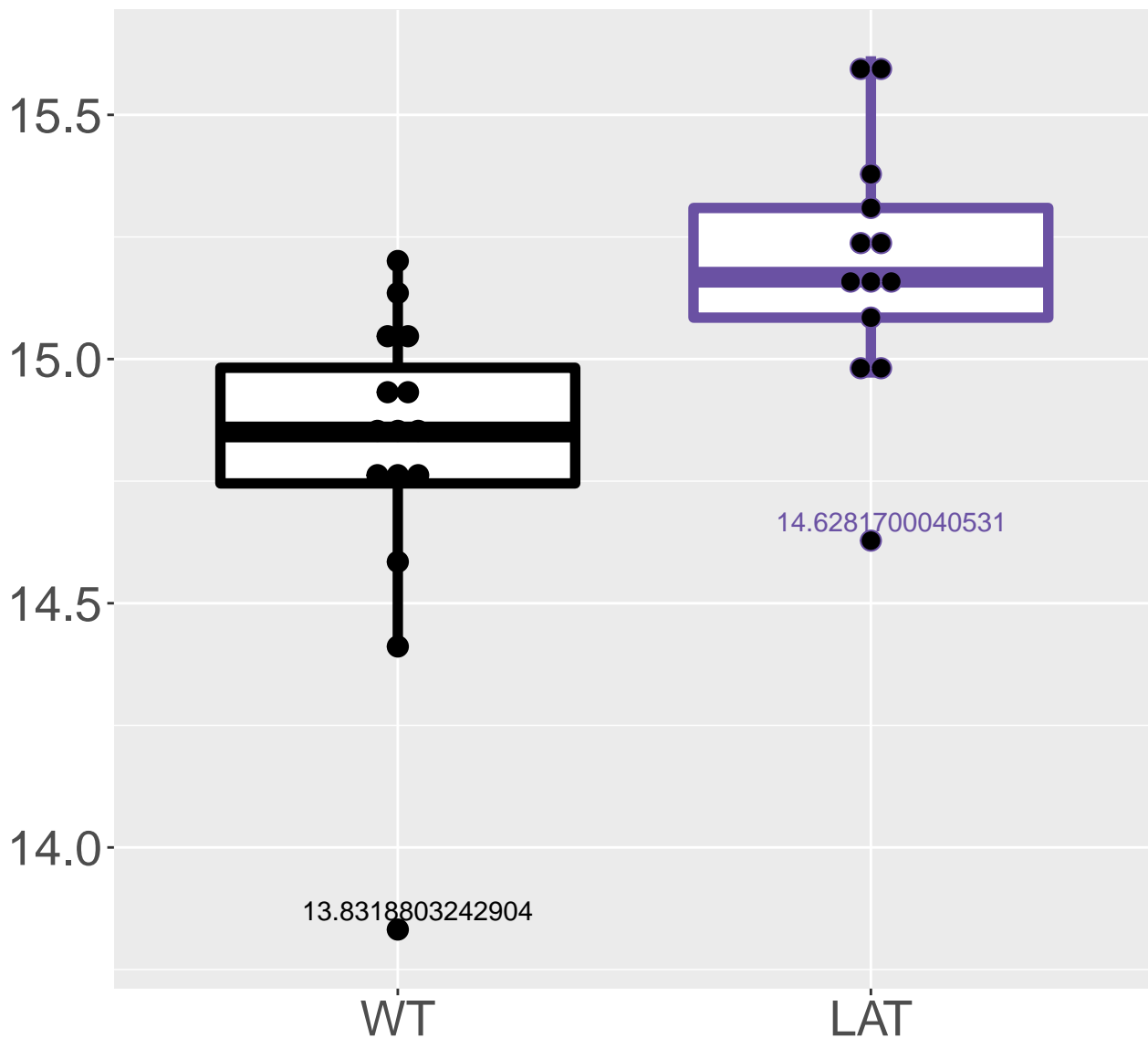
**FDR = 0.017, FC = 0.46**



**M454.9621T993.67**  
**FDR = 0.017, FC = 0.46**

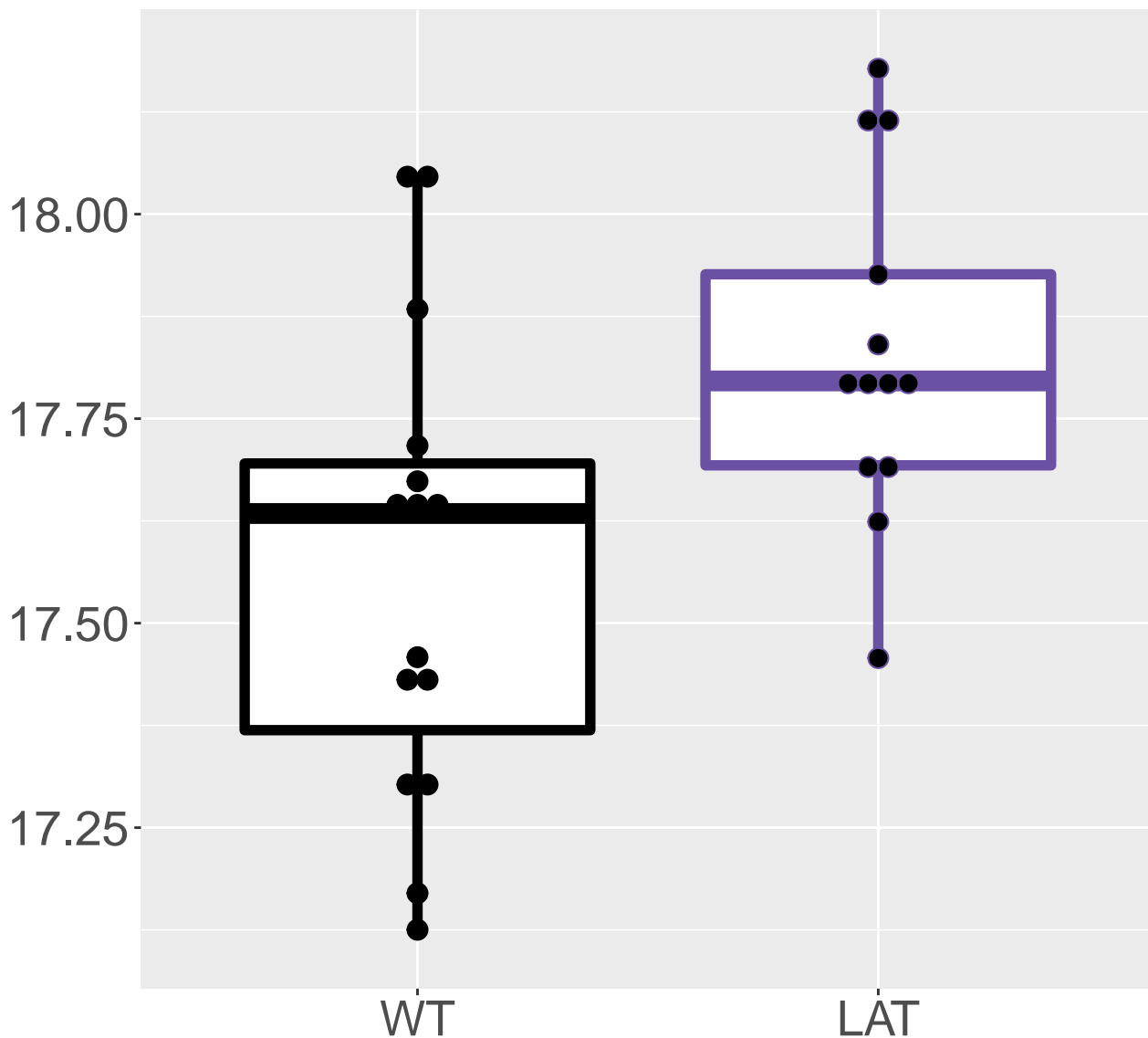


**M356.9244T993.75\_1**  
**FDR = 0.017, FC = 0.4**



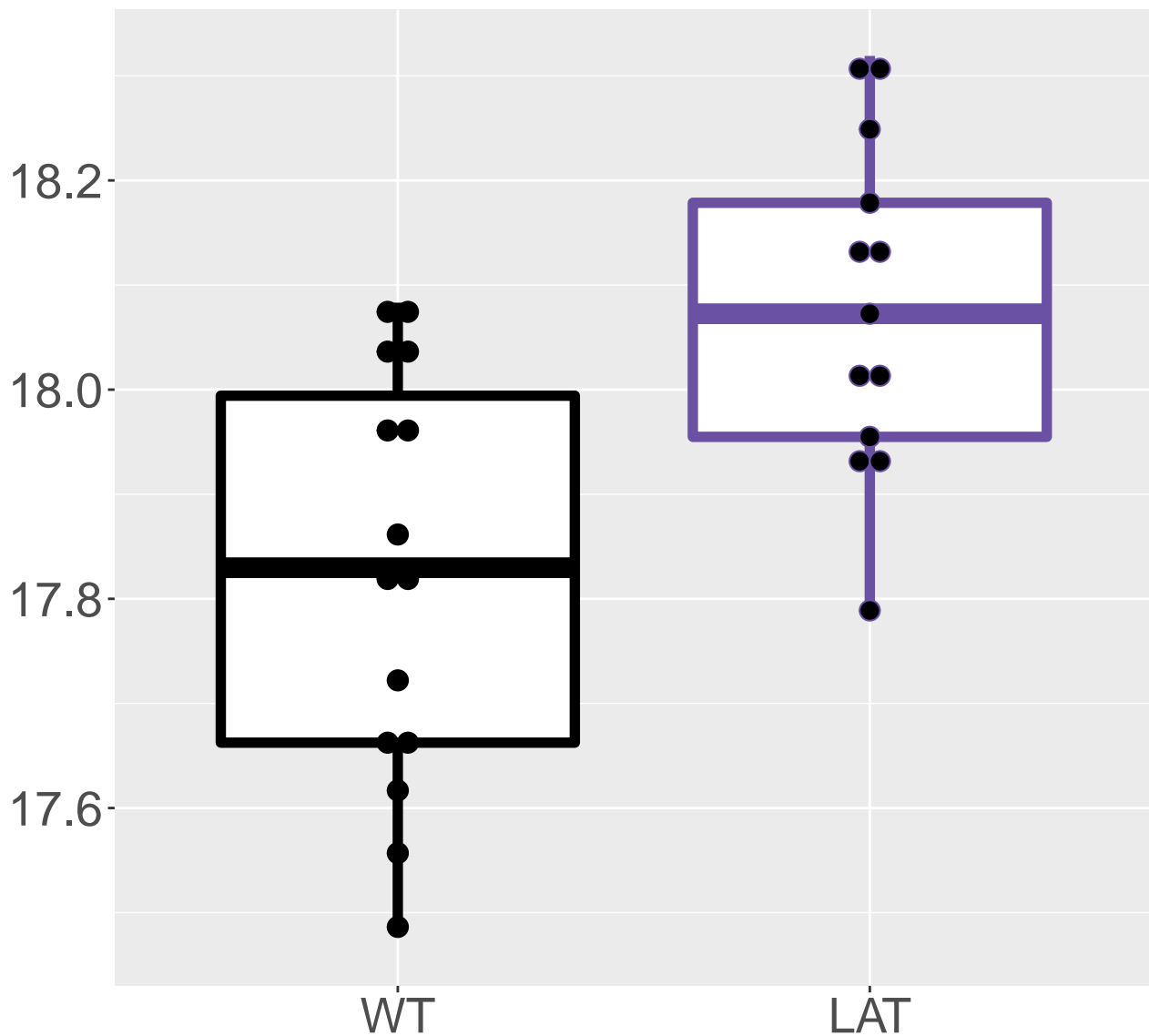
**M177.023T162.96**

**FDR = 0.017, FC = 0.26, sex\***



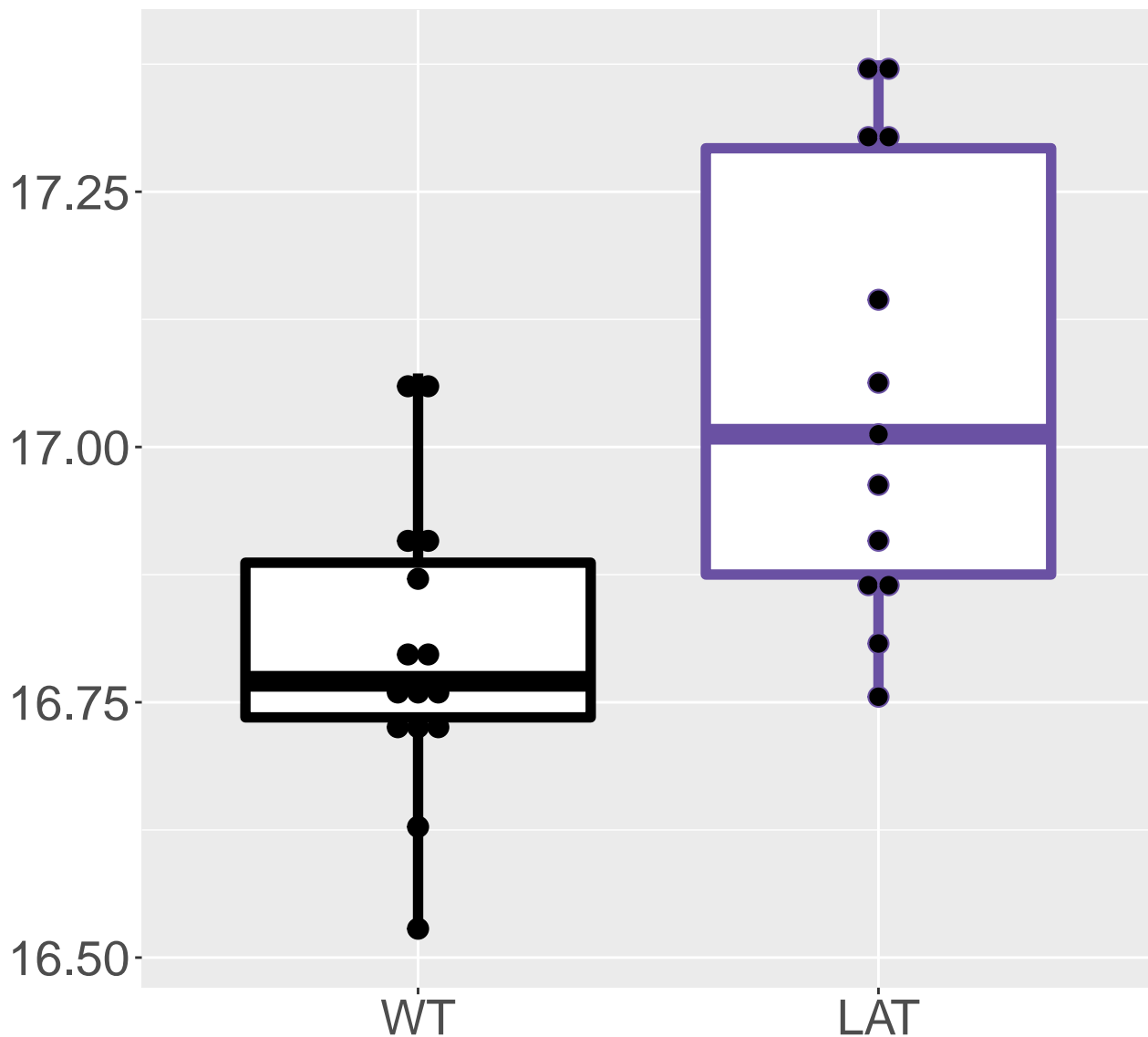
**M332.955T993.68**

**FDR = 0.017, FC = 0.25**



**M369.0399T614.25**

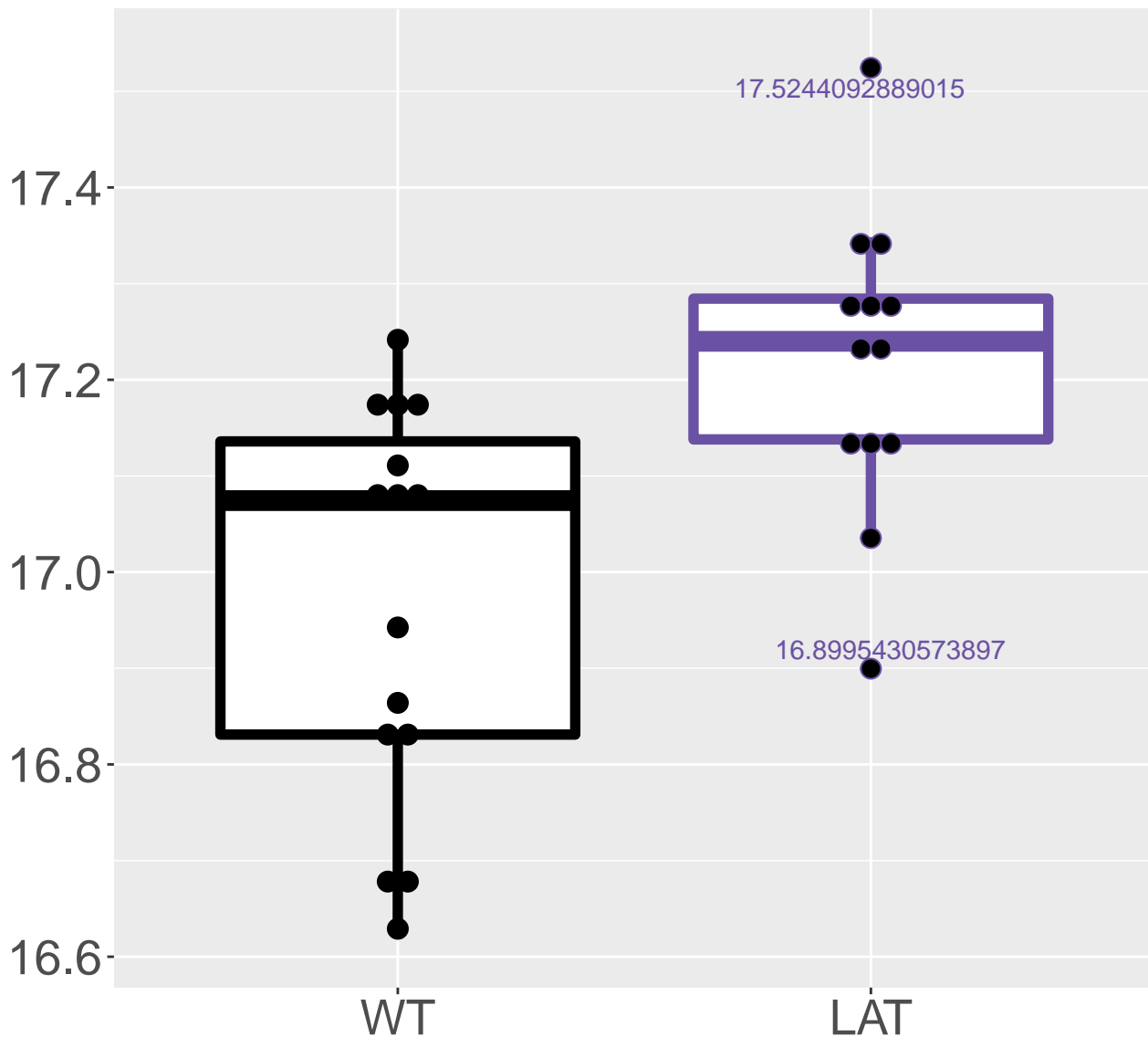
**FDR = 0.017, FC = 0.25**



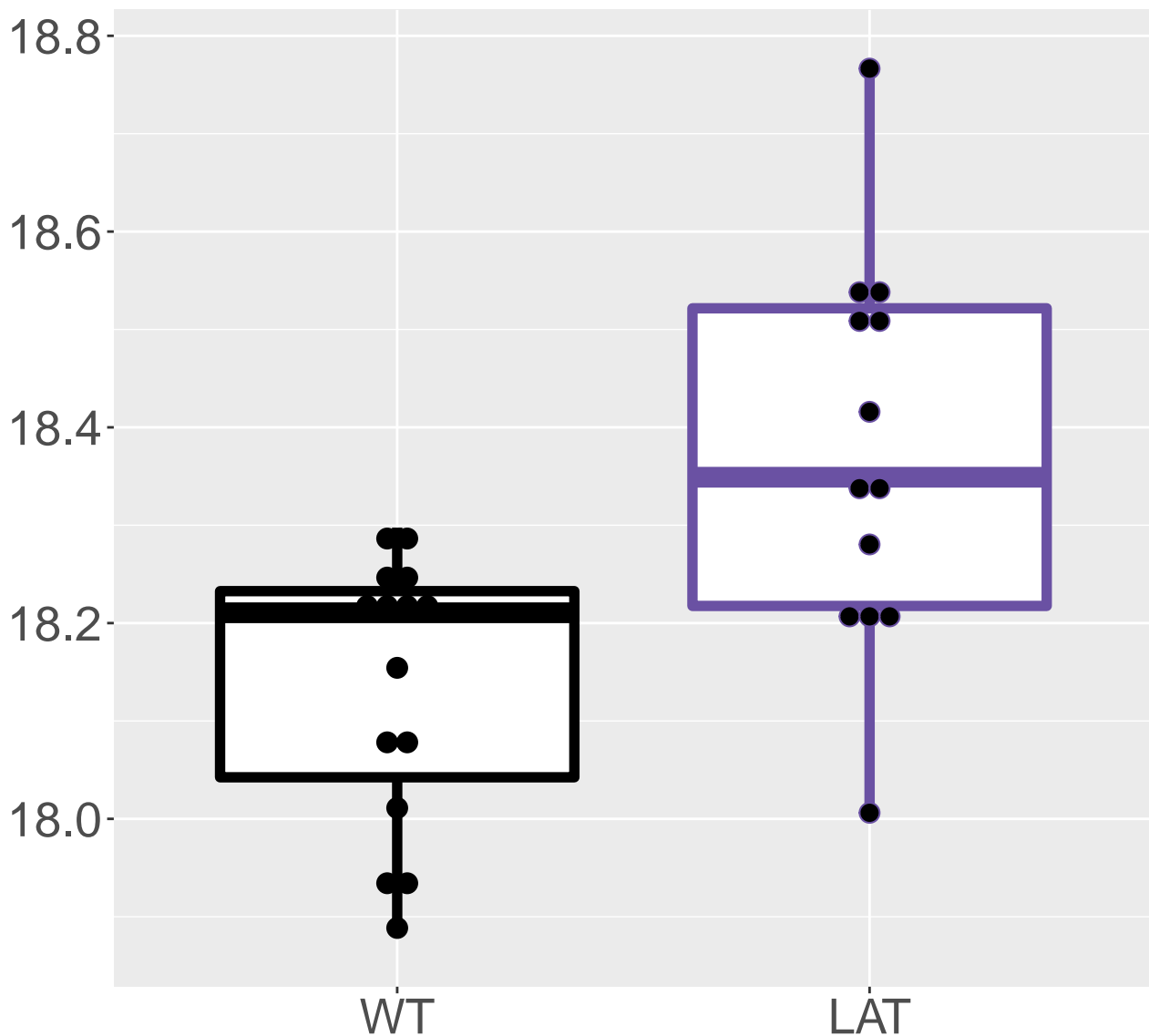


# Deoxycytidine;2'-Deoxycytidine

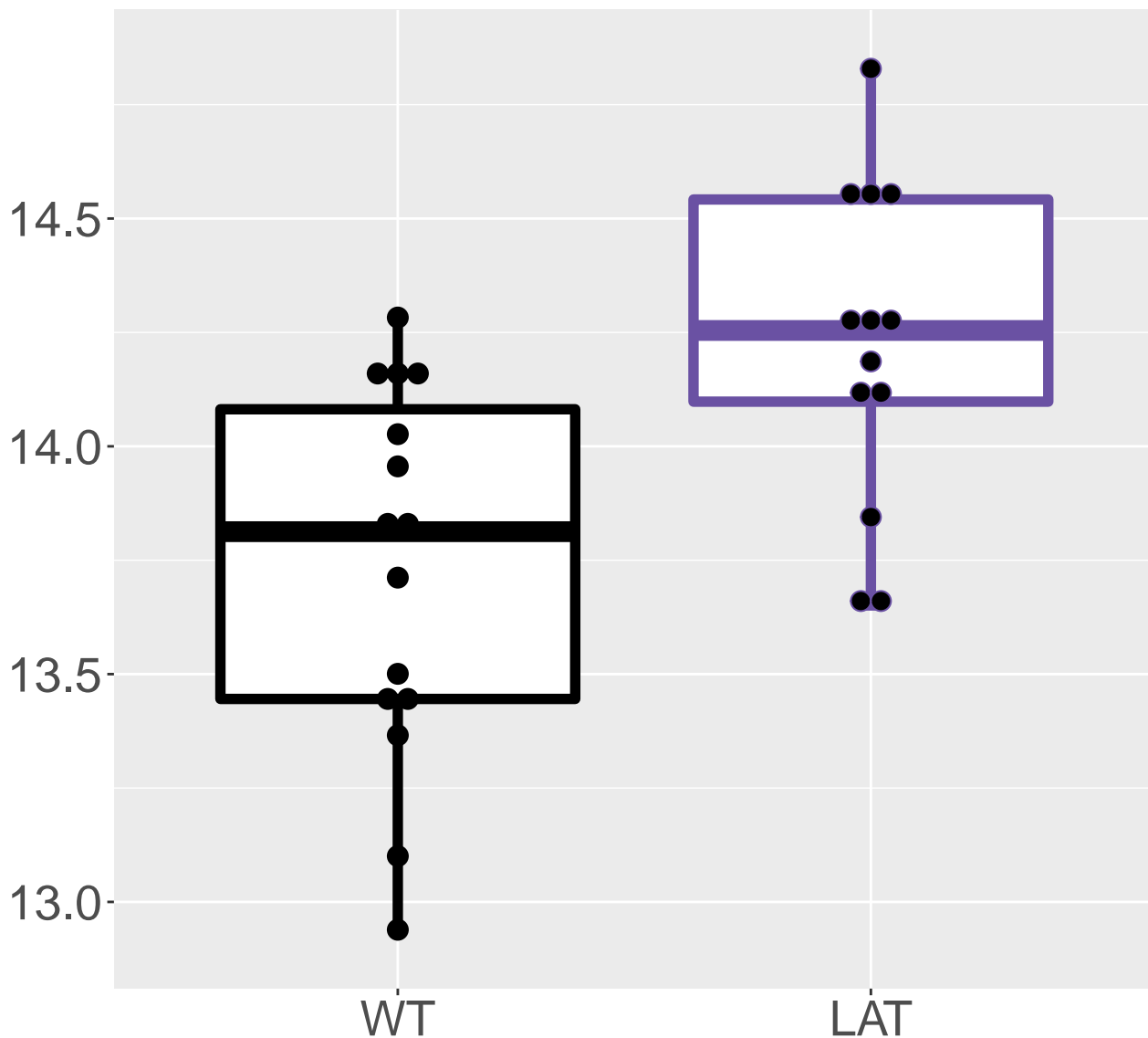
FDR = 0.017, FC = 0.25



**M138.9417T1024.21**  
**FDR = 0.017, FC = 0.24**

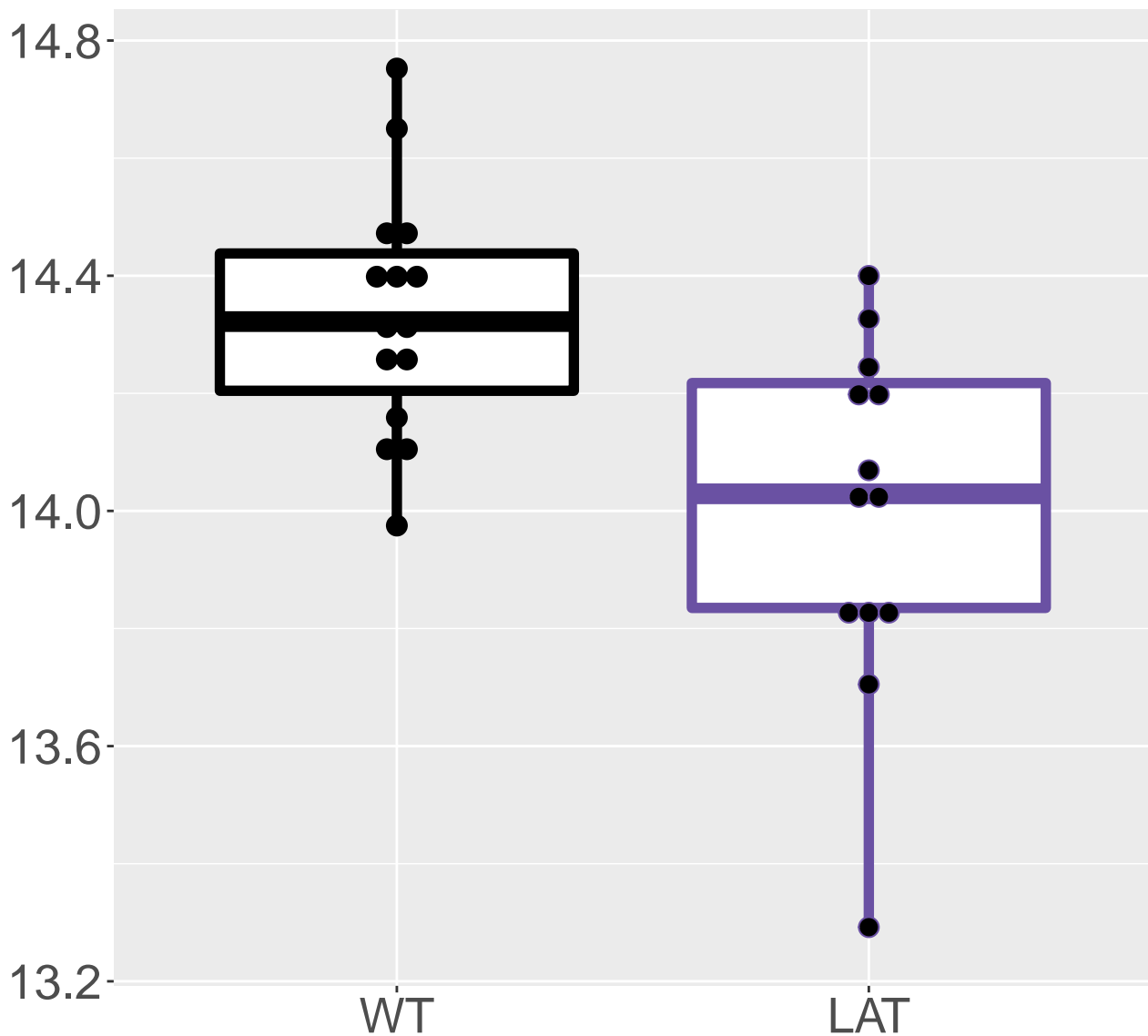


**M293.92T993.63**  
**FDR = 0.018, FC = 0.5**



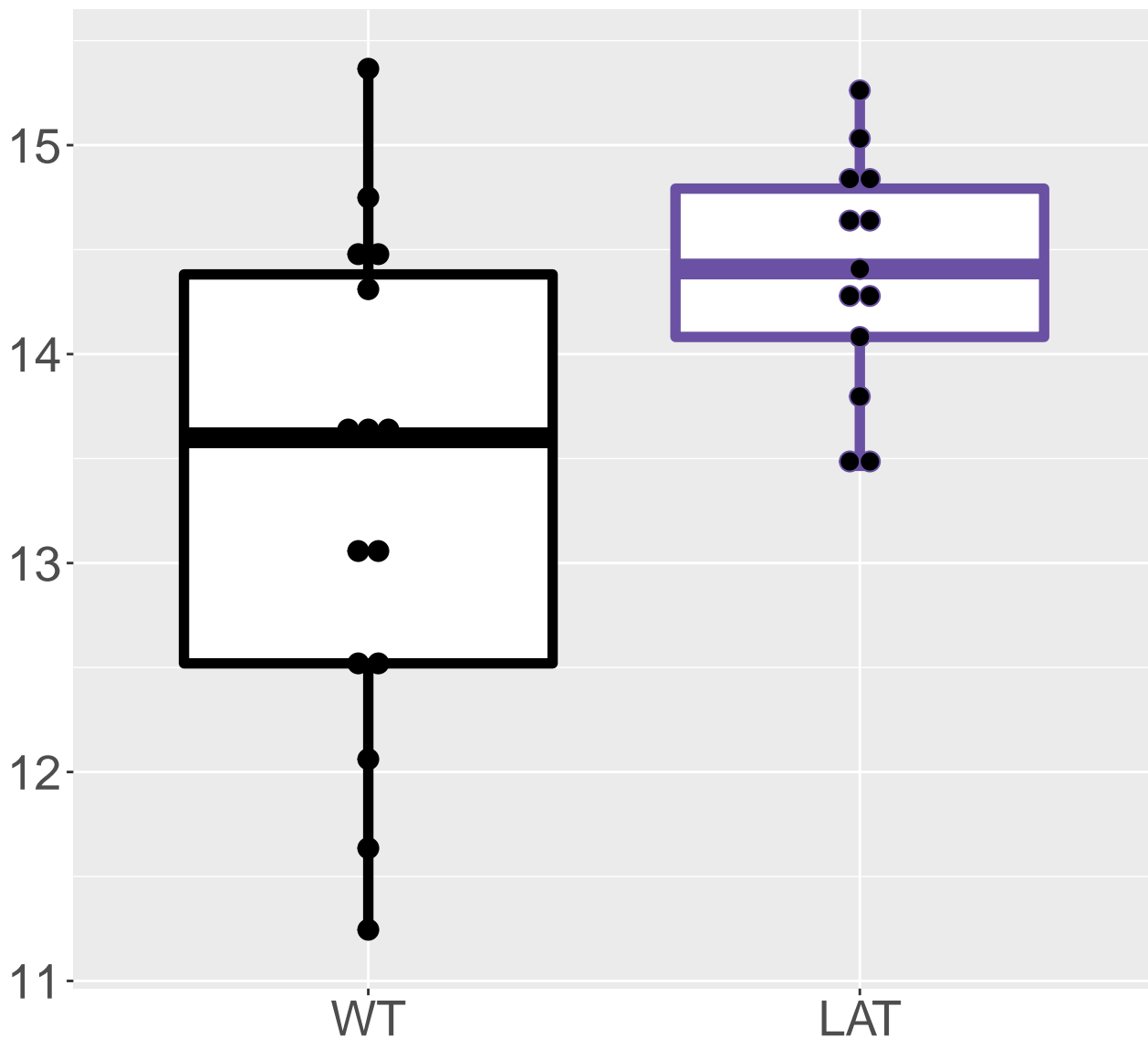
**M230.0441T213.38**

**FDR = 0.018, FC = -0.34**



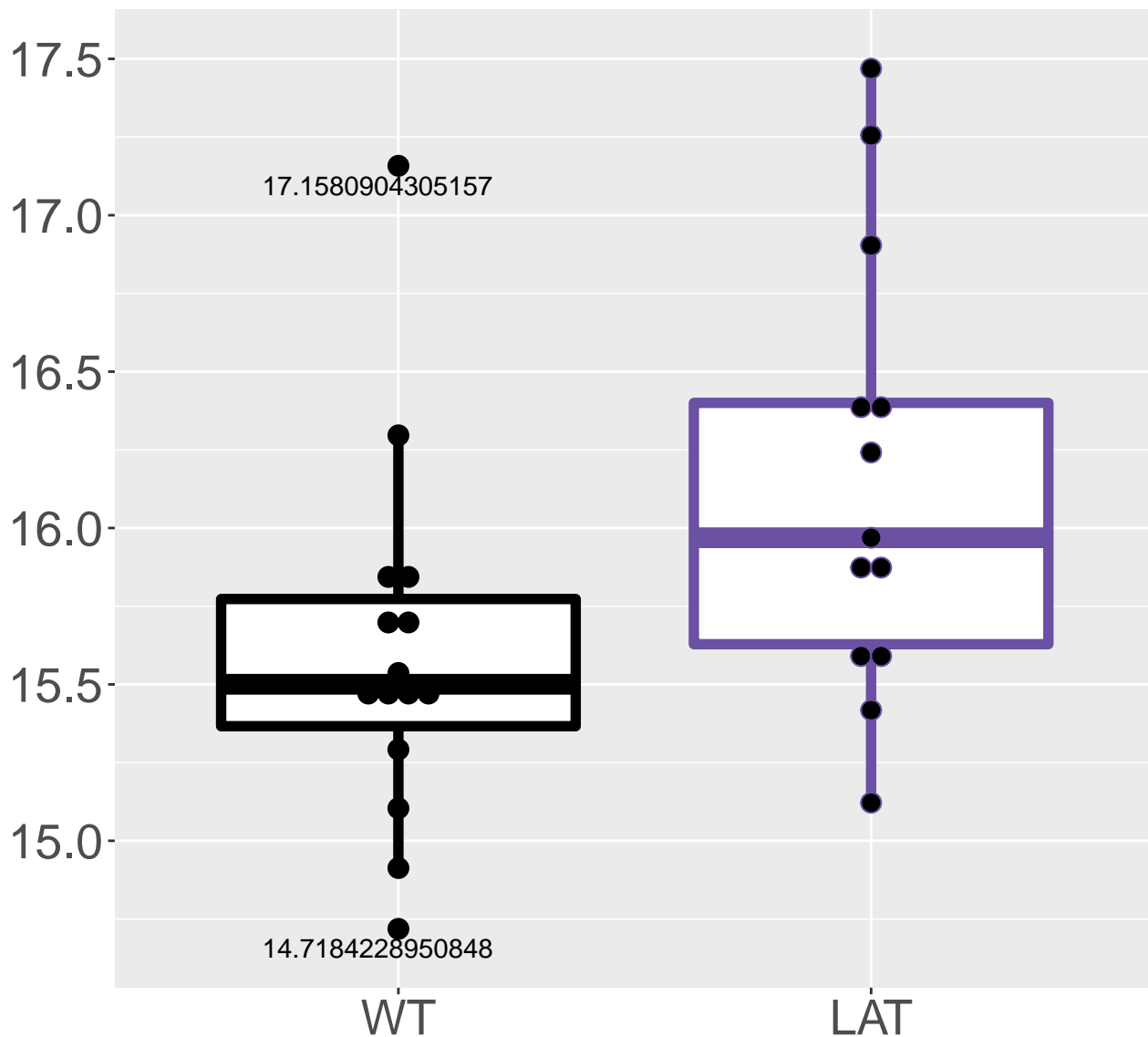
**M171.6999T526.84**

**FDR = 0.018, FC = 1, sex\*\***

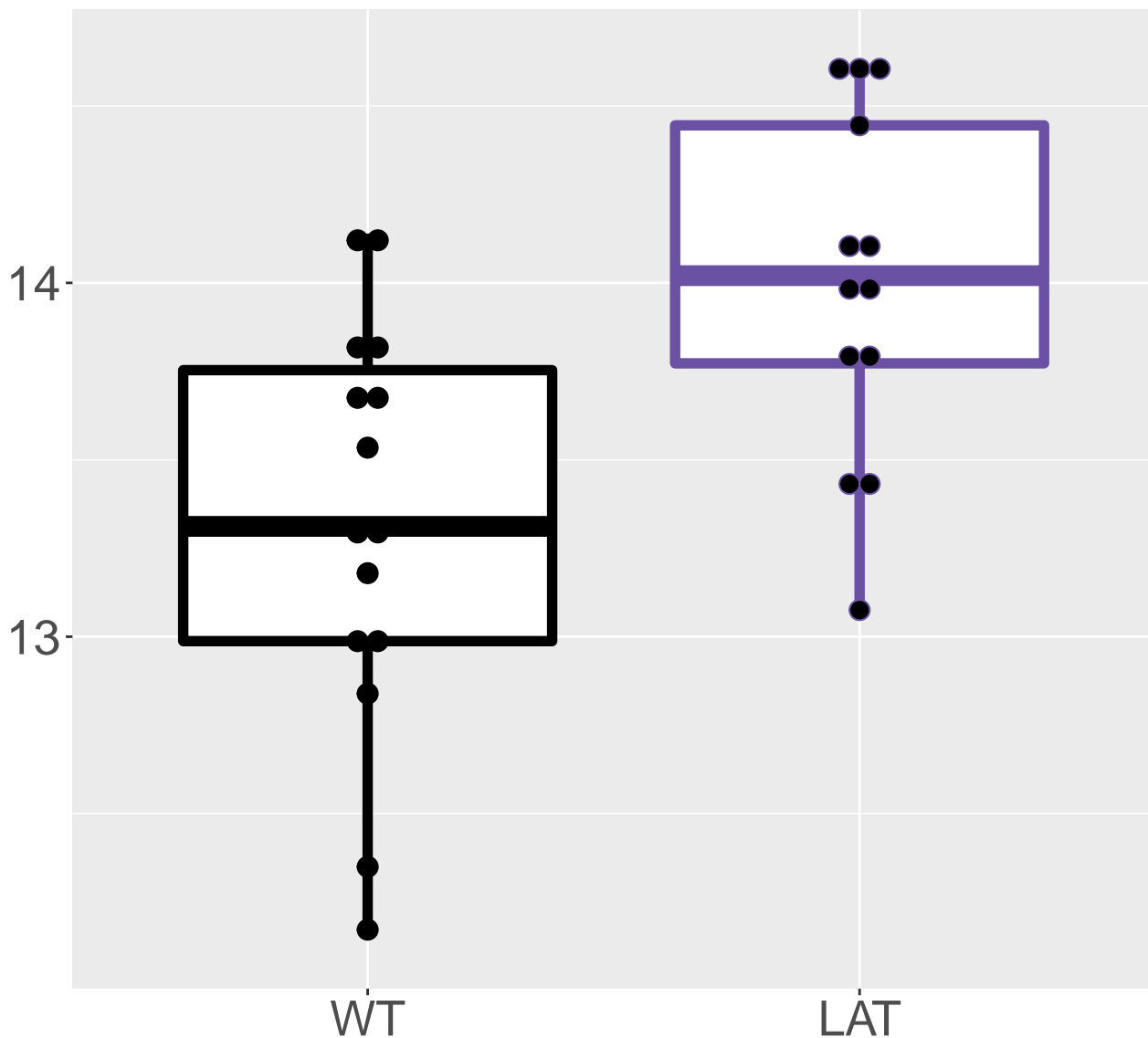


**M142.1001T91.14**

**FDR = 0.018, FC = 0.56, sex\*\***

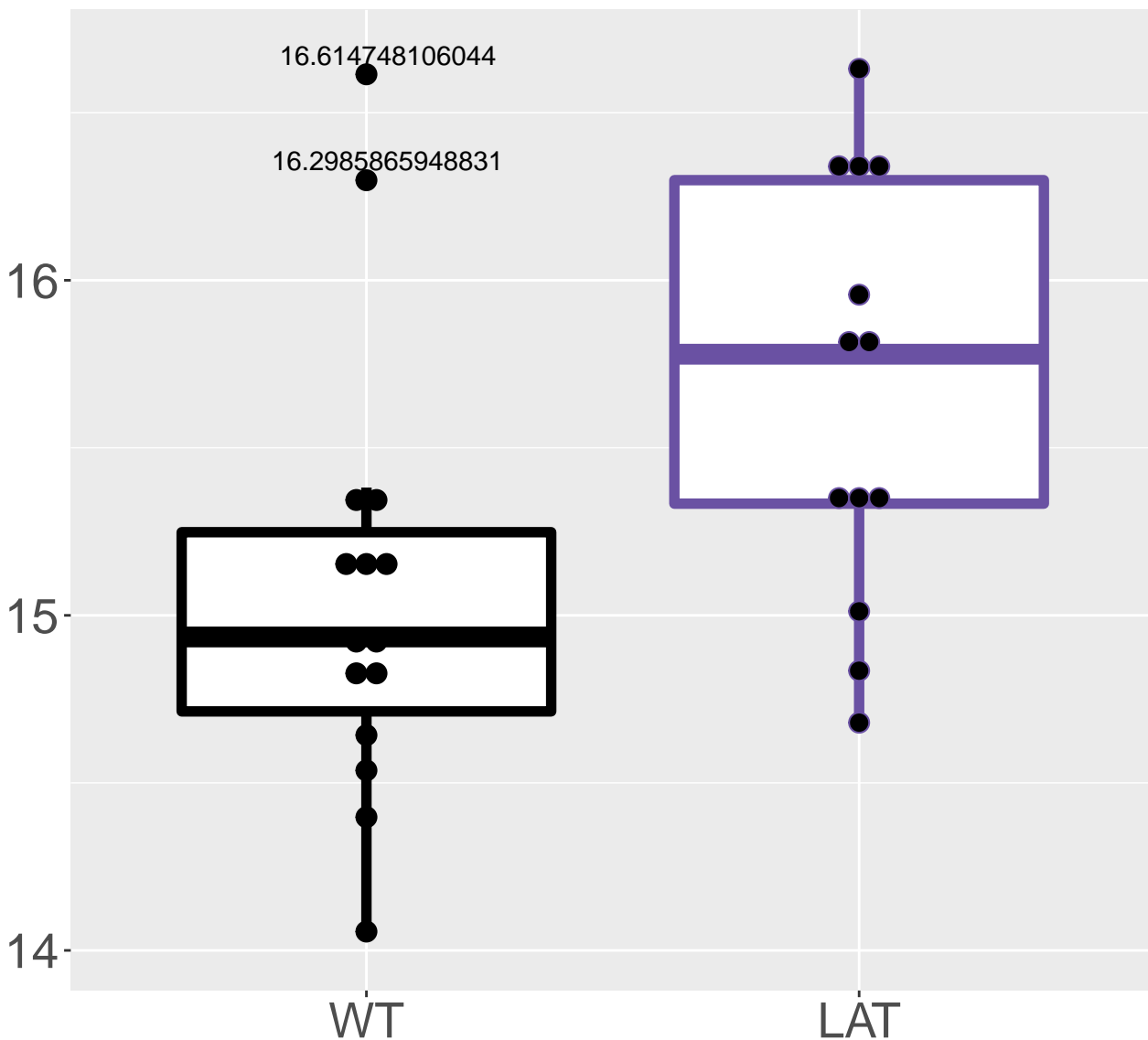


**M128.9386T555.75\_20**  
**FDR = 0.018, FC = 0.67**



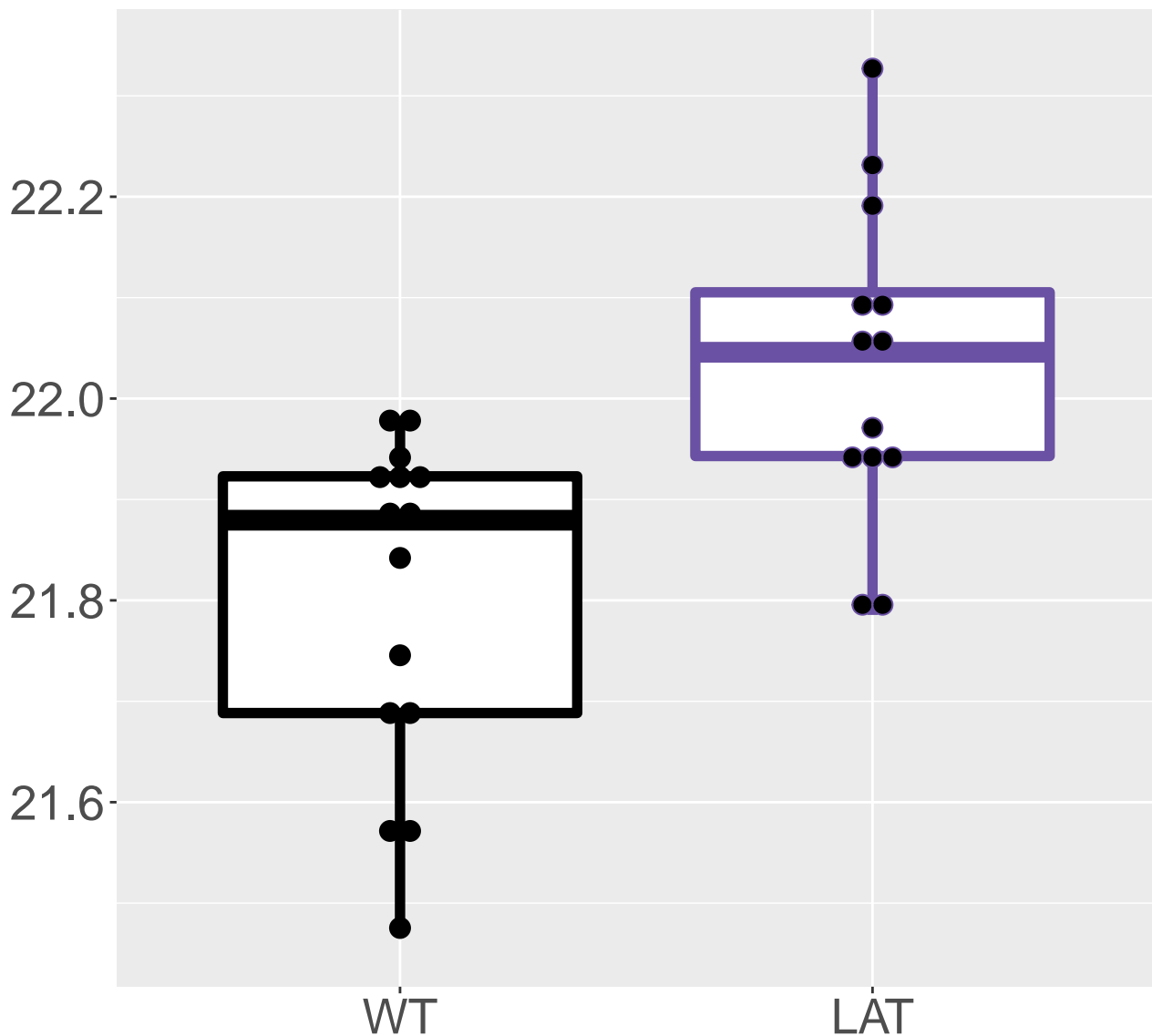
**M127.0767T93.76**

**FDR = 0.018, FC = 0.6, sex\*\***

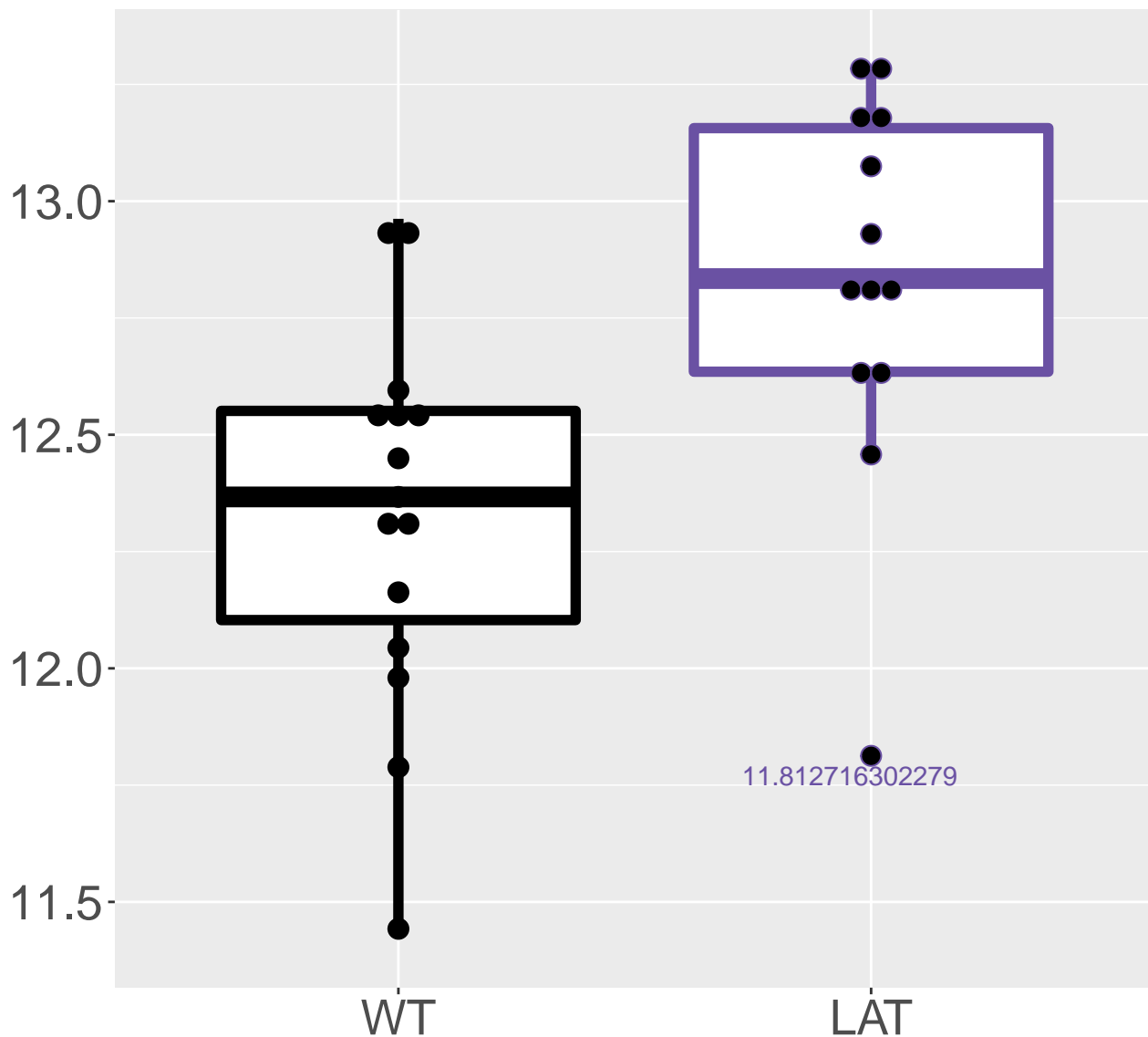




**M271.9384T993.85**  
**FDR = 0.018, FC = 0.23**

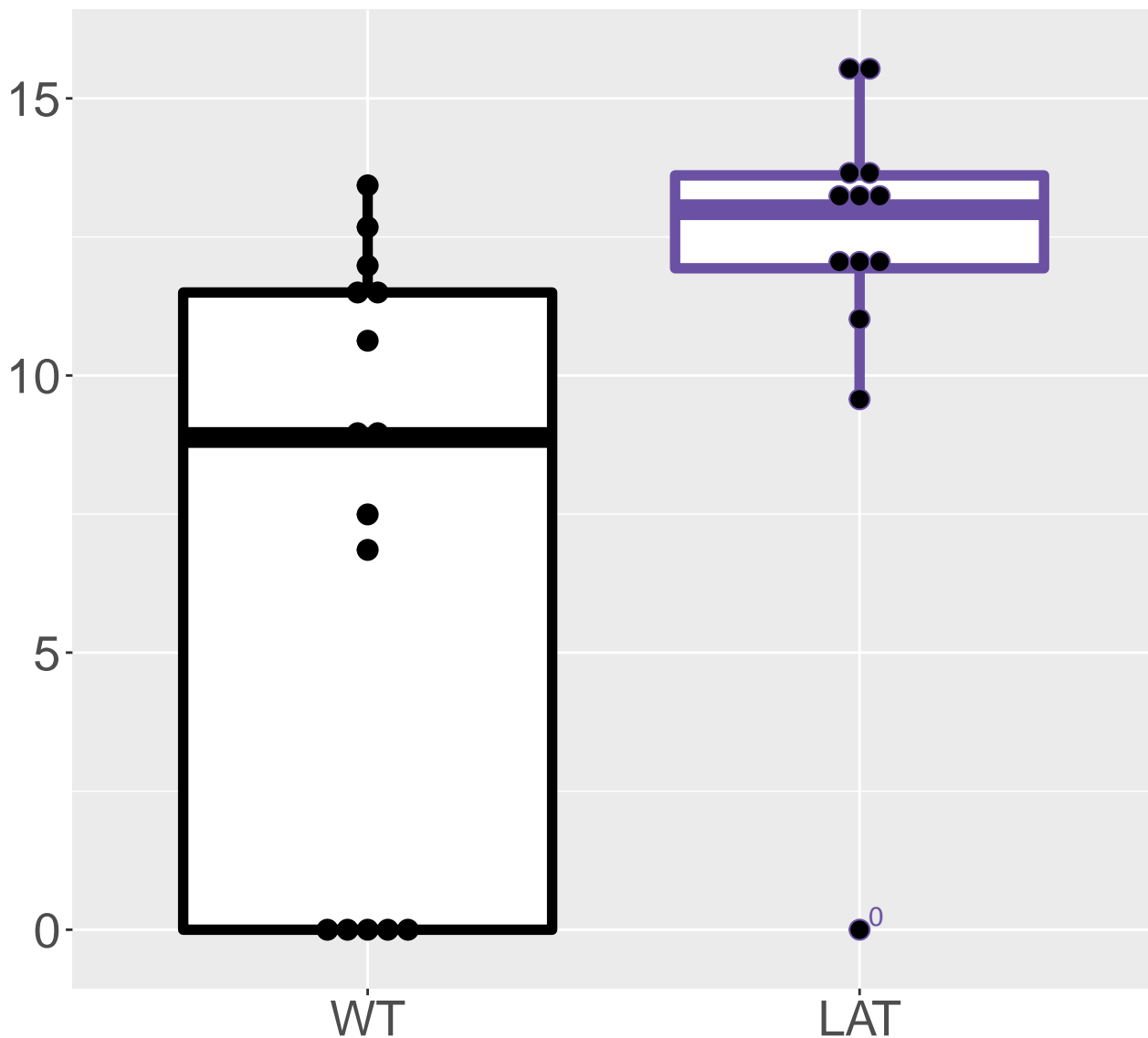


**M333.8916T1014.54**  
**FDR = 0.018, FC = 0.51**



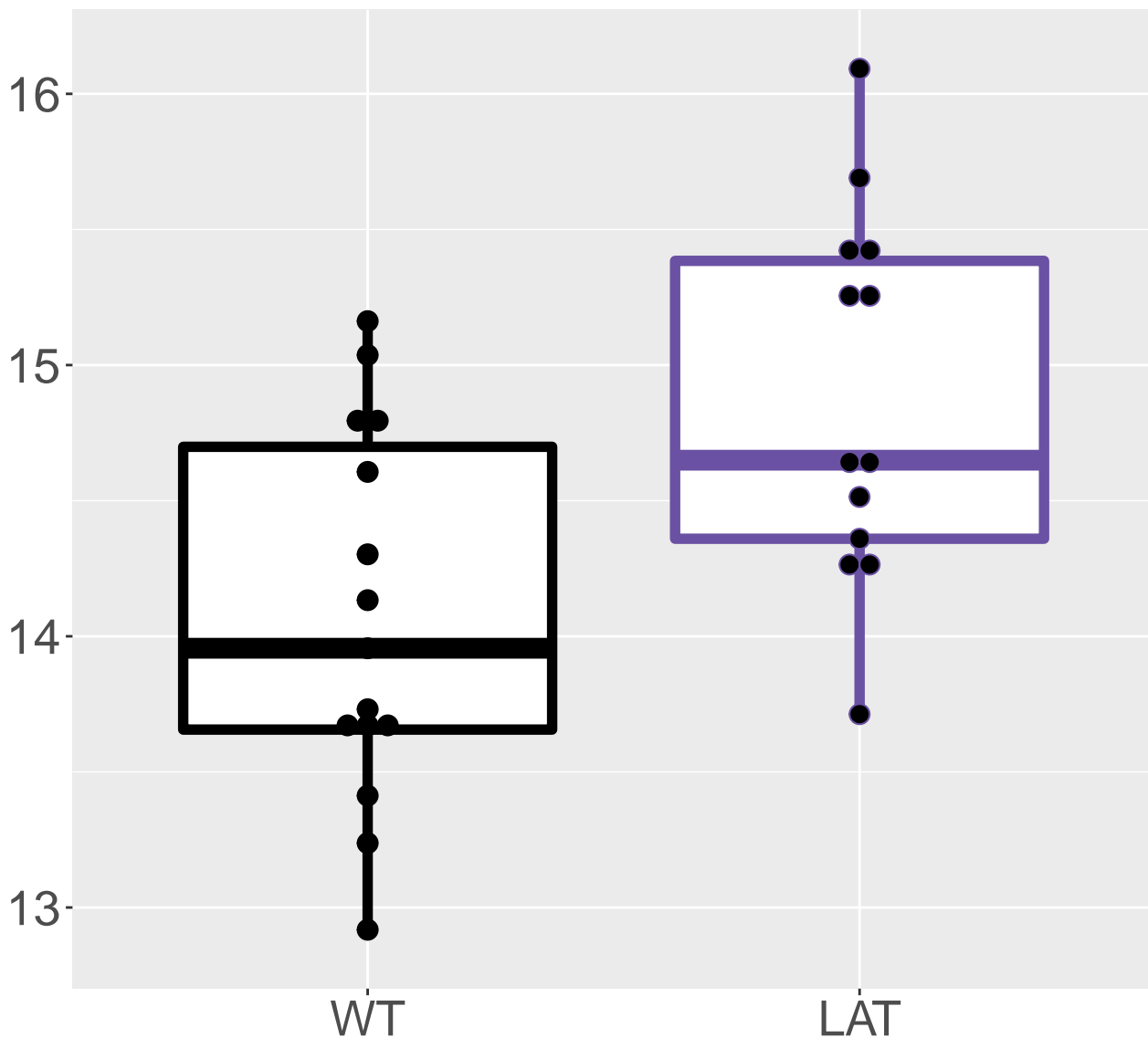
**M411.1266T342.48**

**FDR = 0.019, FC = 5, sex\*\***



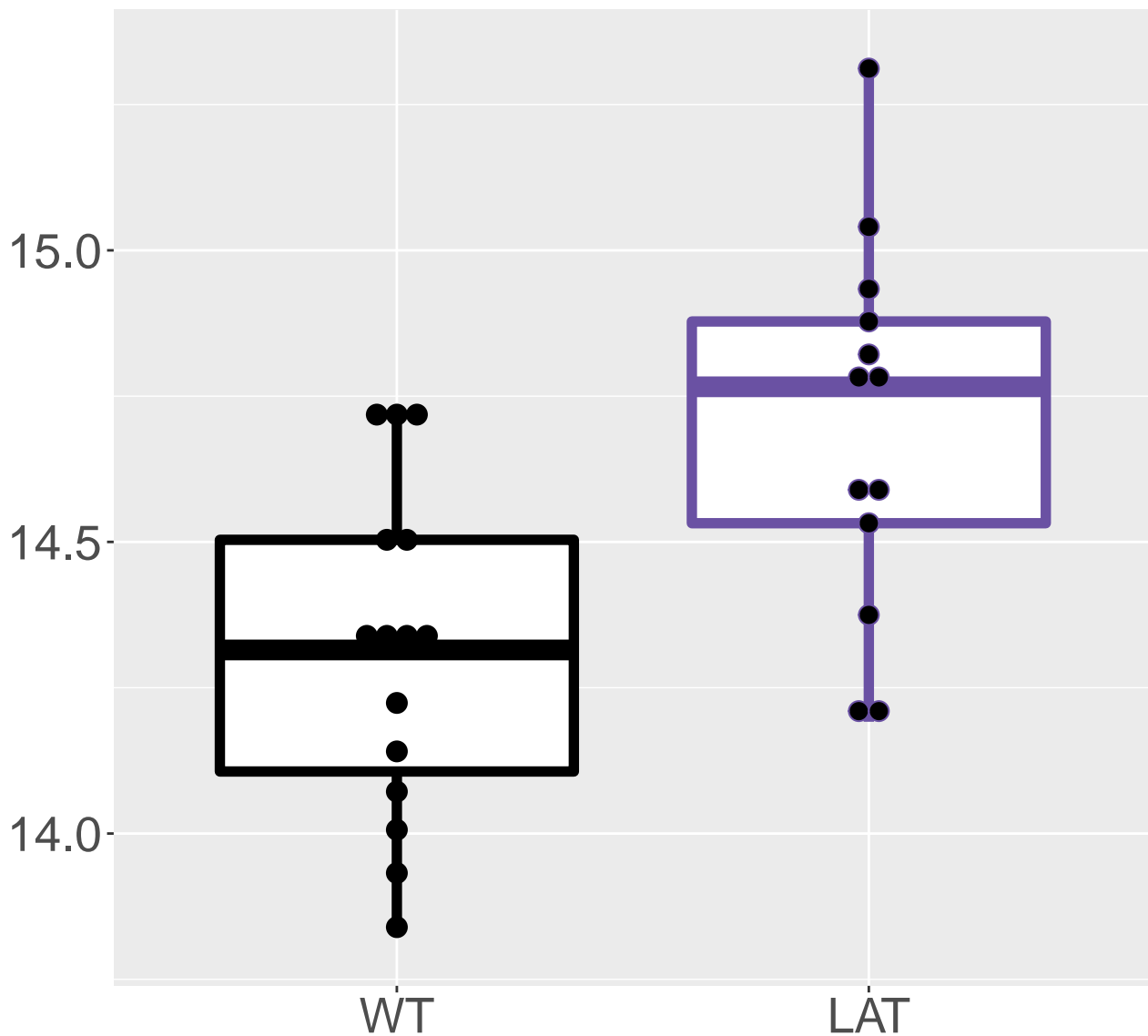
**M501.1272T510.63**

**FDR = 0.019, FC = 0.81**

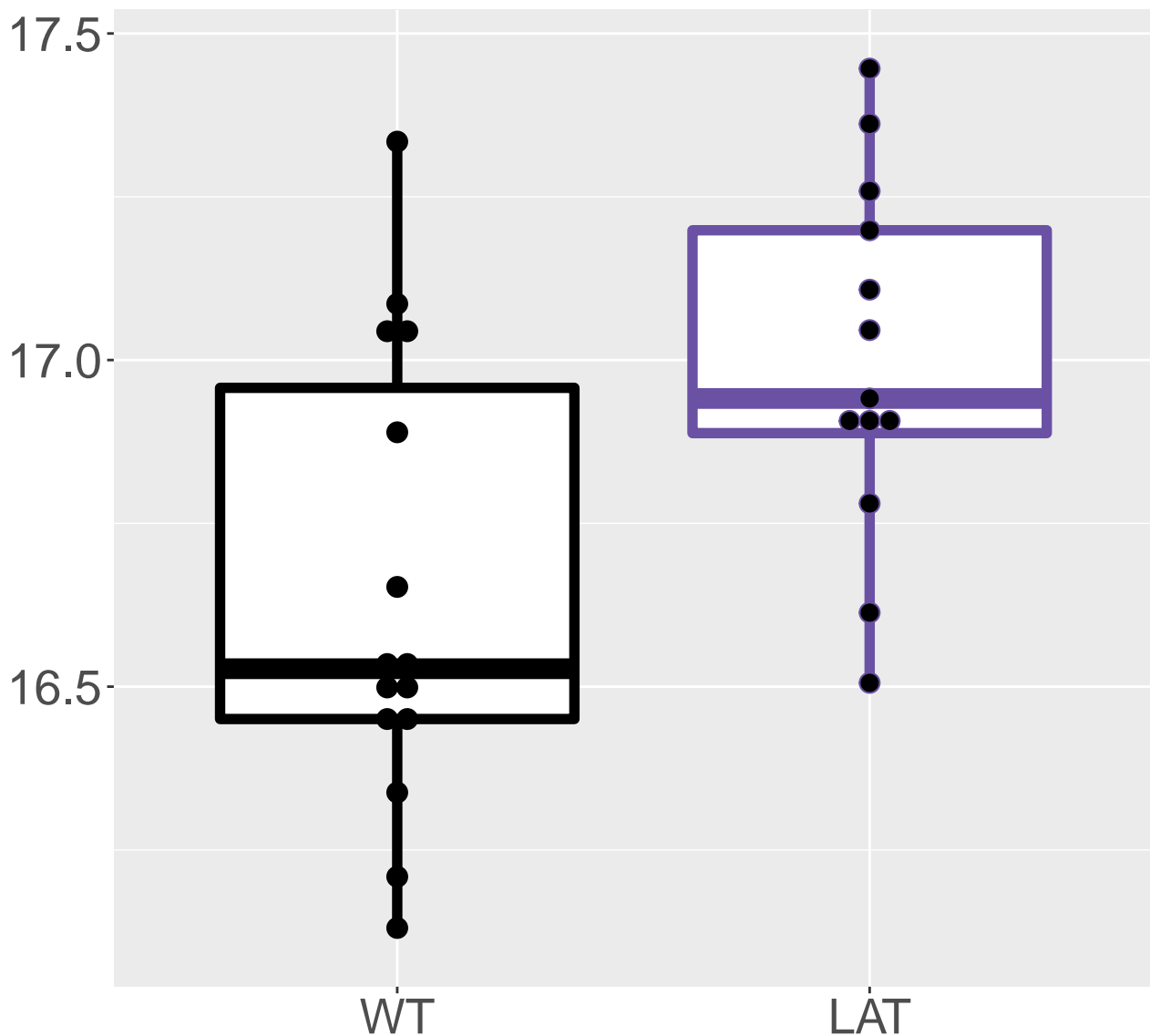


**M255.9834T378.12**

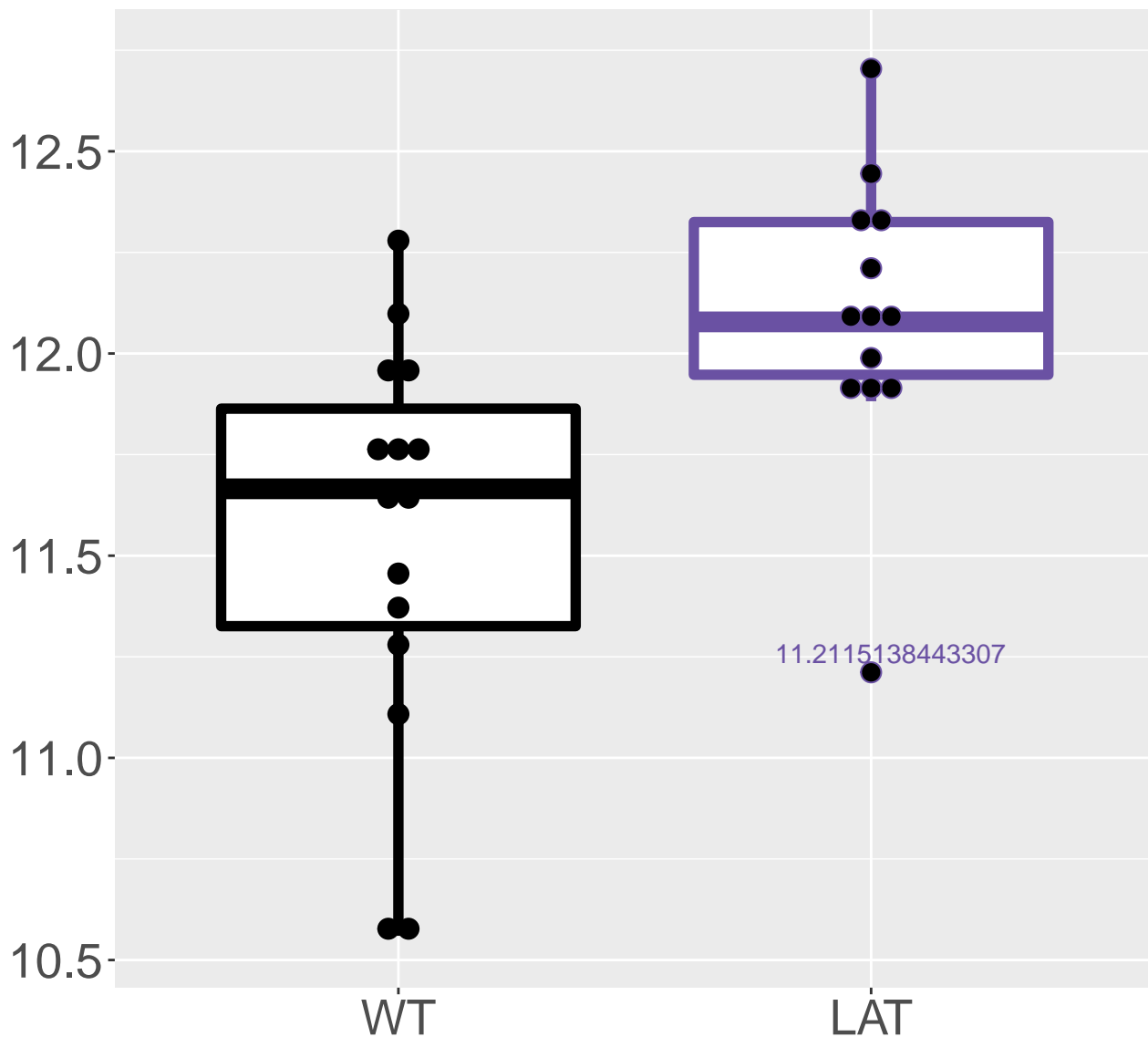
**FDR = 0.019, FC = 0.38**



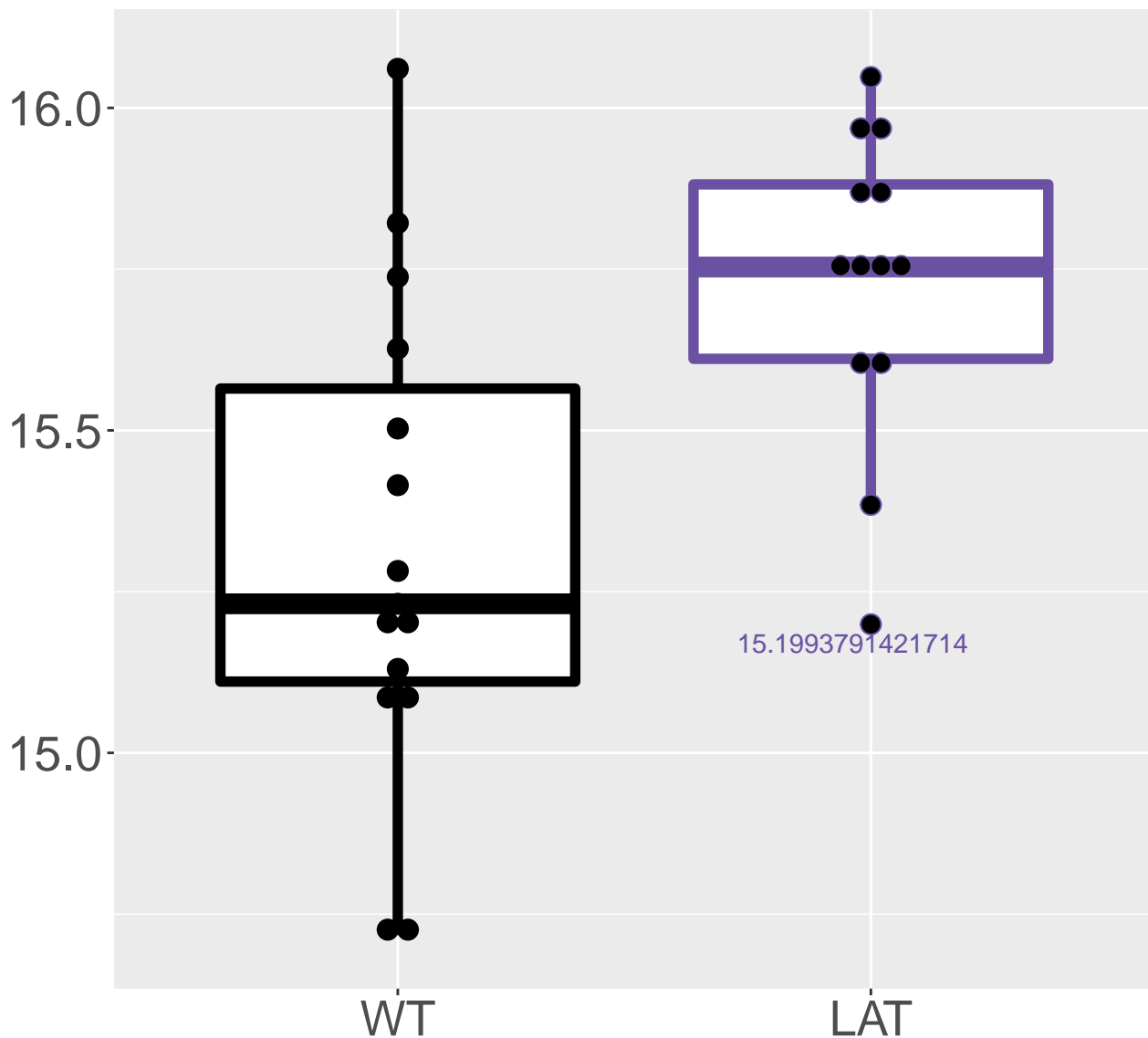
**p-Anisic acid;4-Methoxybenzoic acid|2-Hydroxybenzoic acid**  
**FDR = 0.019, FC = 0.35**



**M289.8998T1018.74**  
**FDR = 0.019, FC = 0.55**



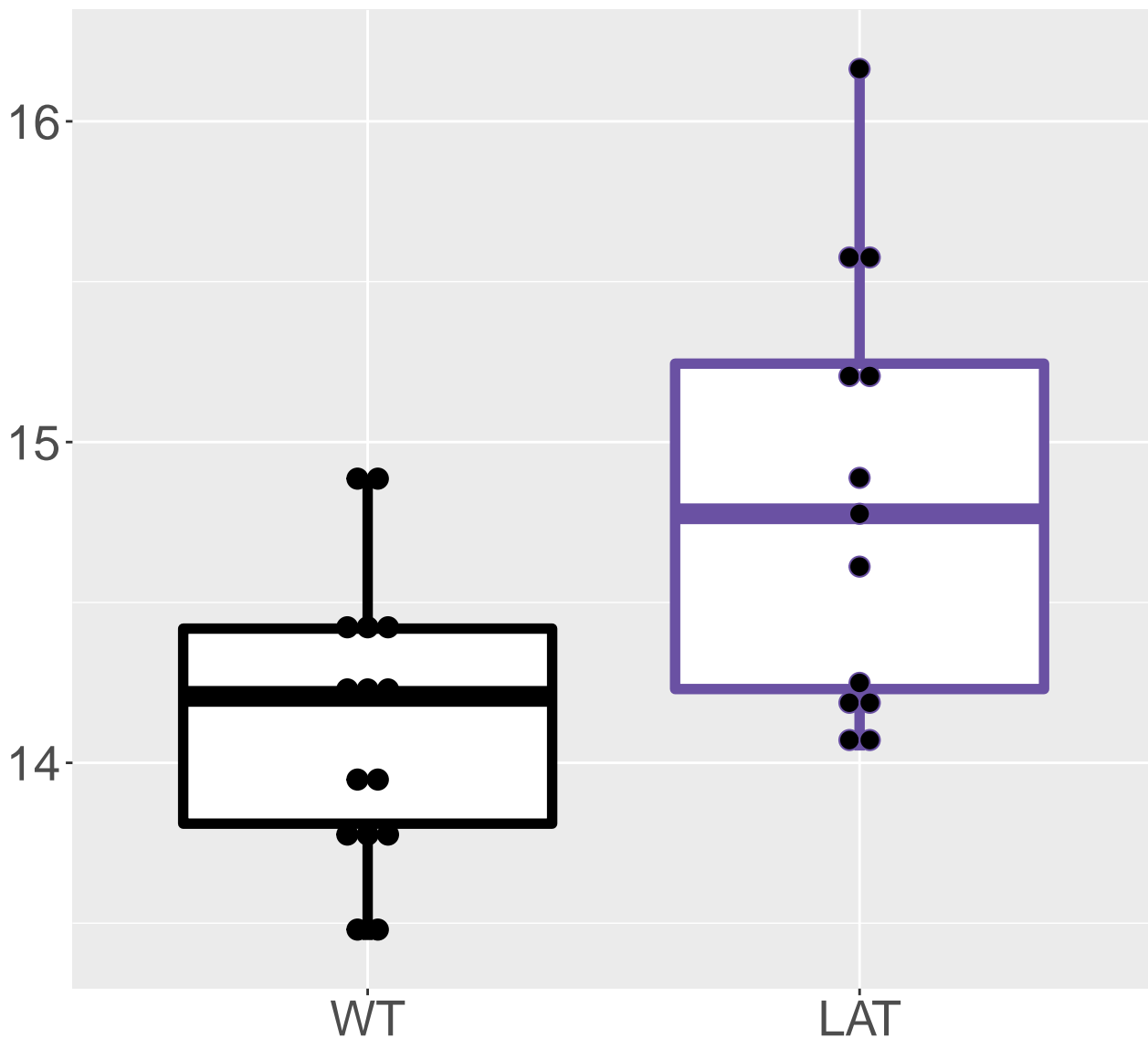
**M305.9773T436.78**  
**FDR = 0.019, FC = 0.41**



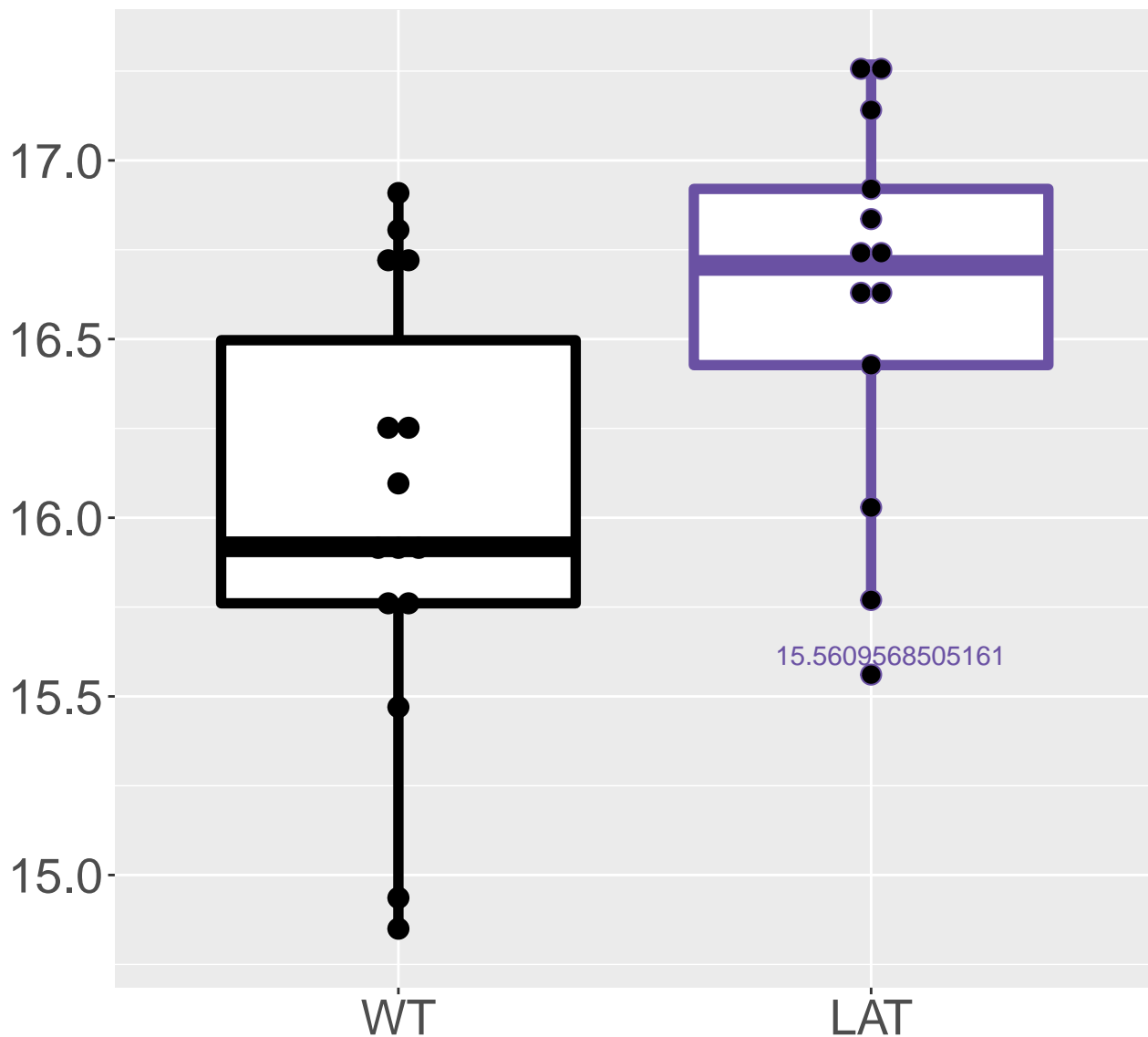


**M192.5132T646.49**

**FDR = 0.019, FC = 0.7**

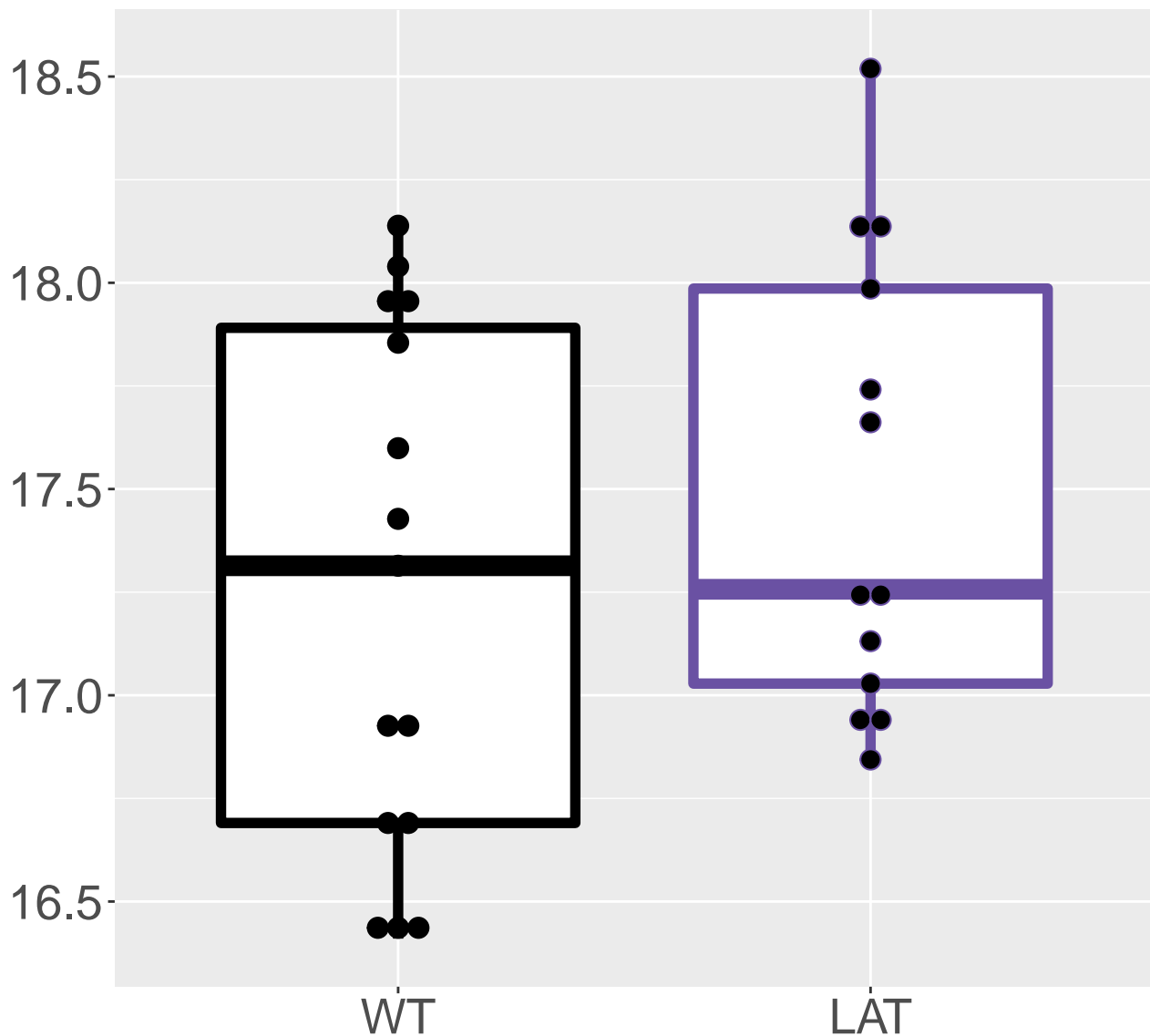


**Argininosuccinic acid**  
**FDR = 0.019, FC = 0.59, sex\***

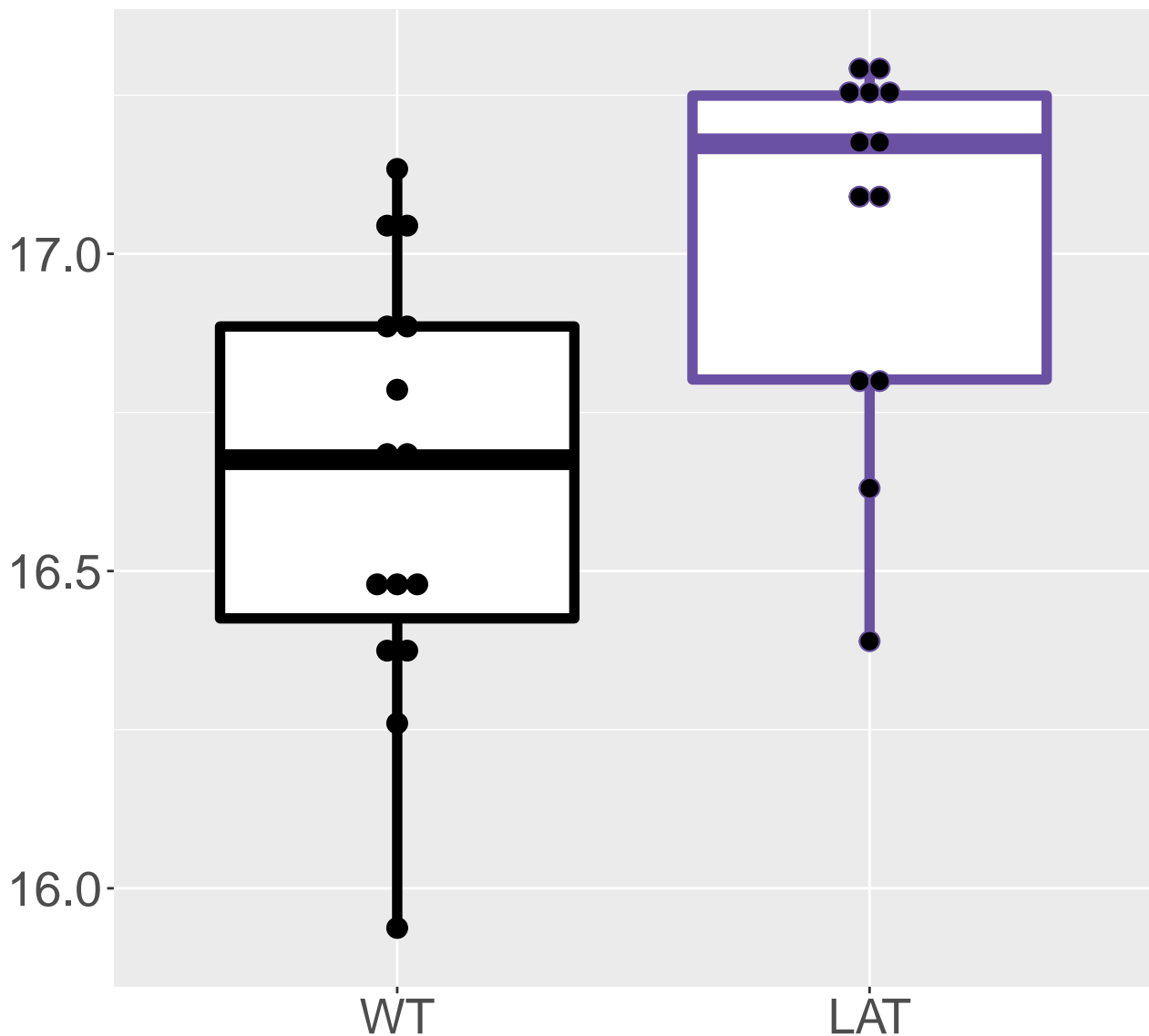


**M144.0457T100.41**

**FDR = 0.019, FC = 0.25, sex\*\*\***

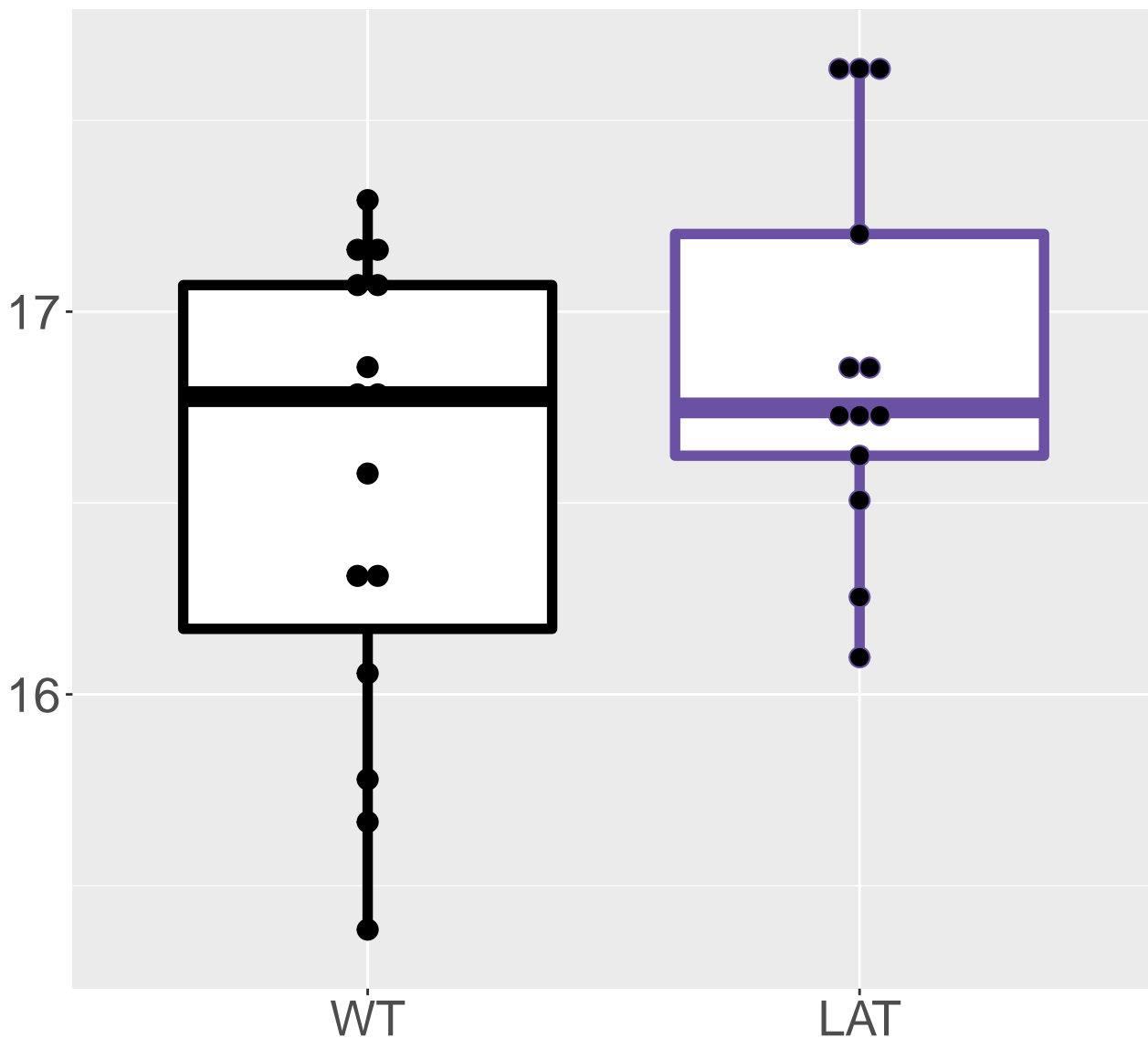


**M303.9802T436.73**  
**FDR = 0.019, FC = 0.4**



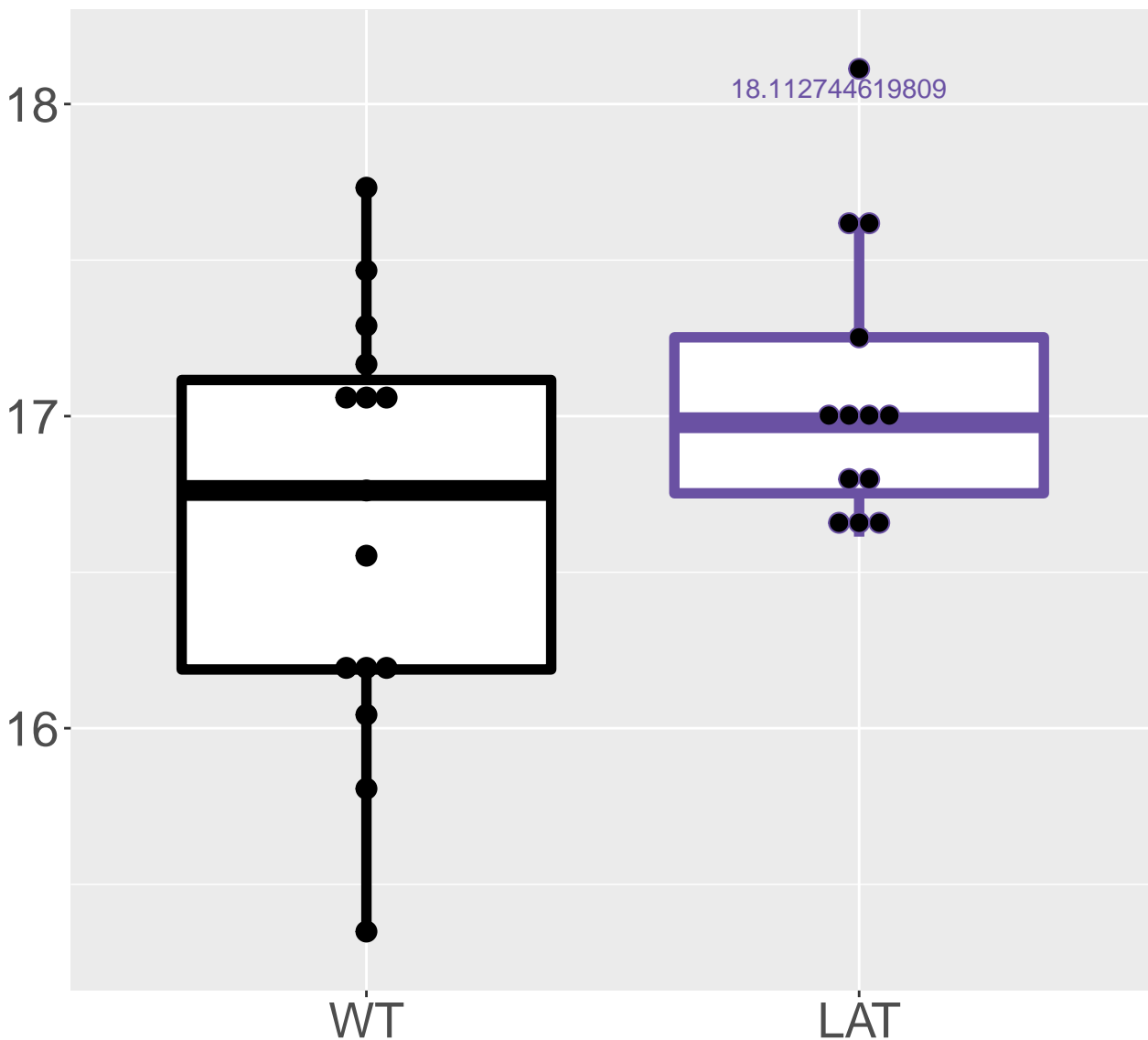
**M385.1295T205.89**

**FDR = 0.019, FC = 0.33, sex\*\*\***

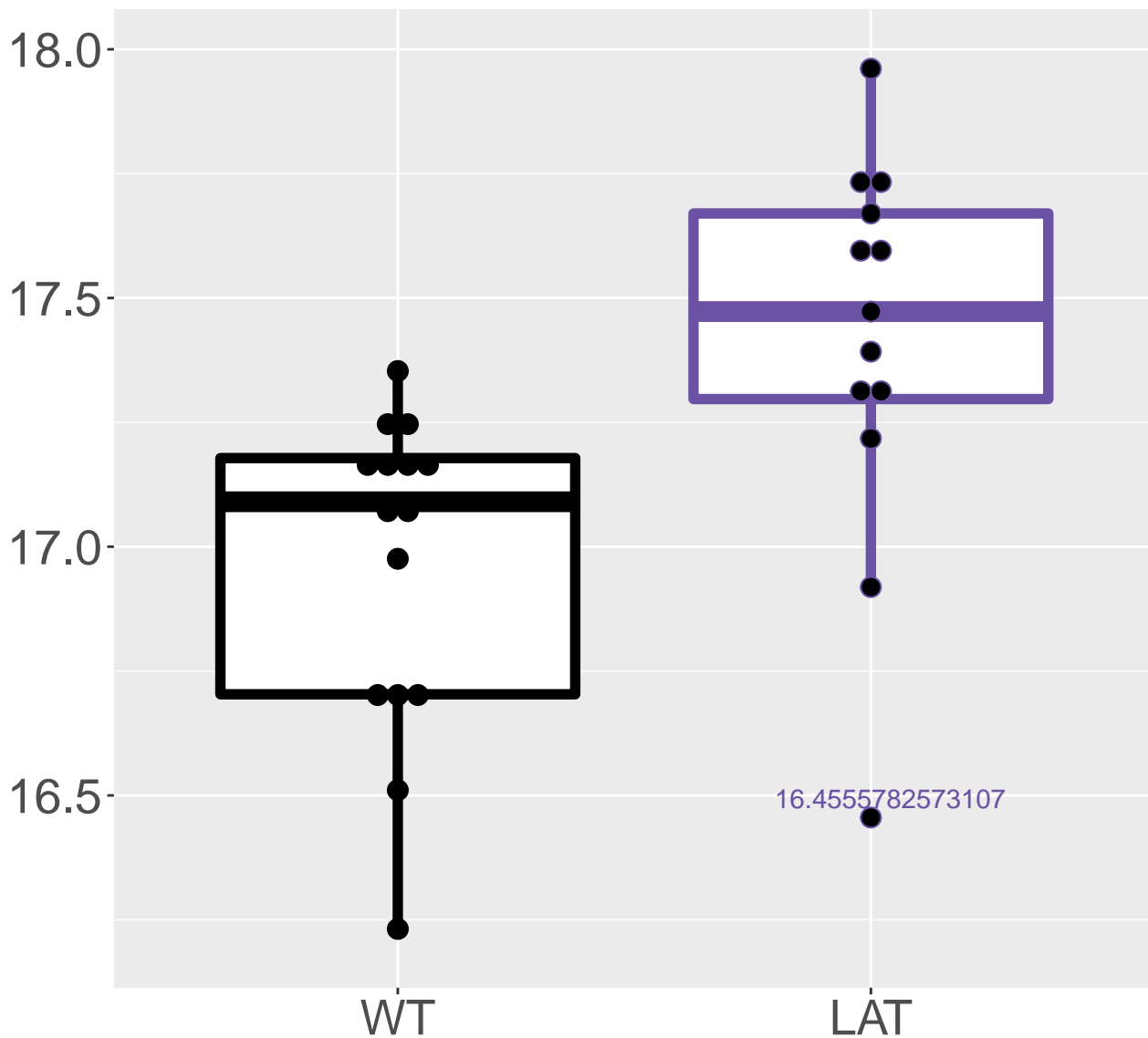


**M79.9575T159.61**

**FDR = 0.02, FC = 0.43, sex\*\*\***

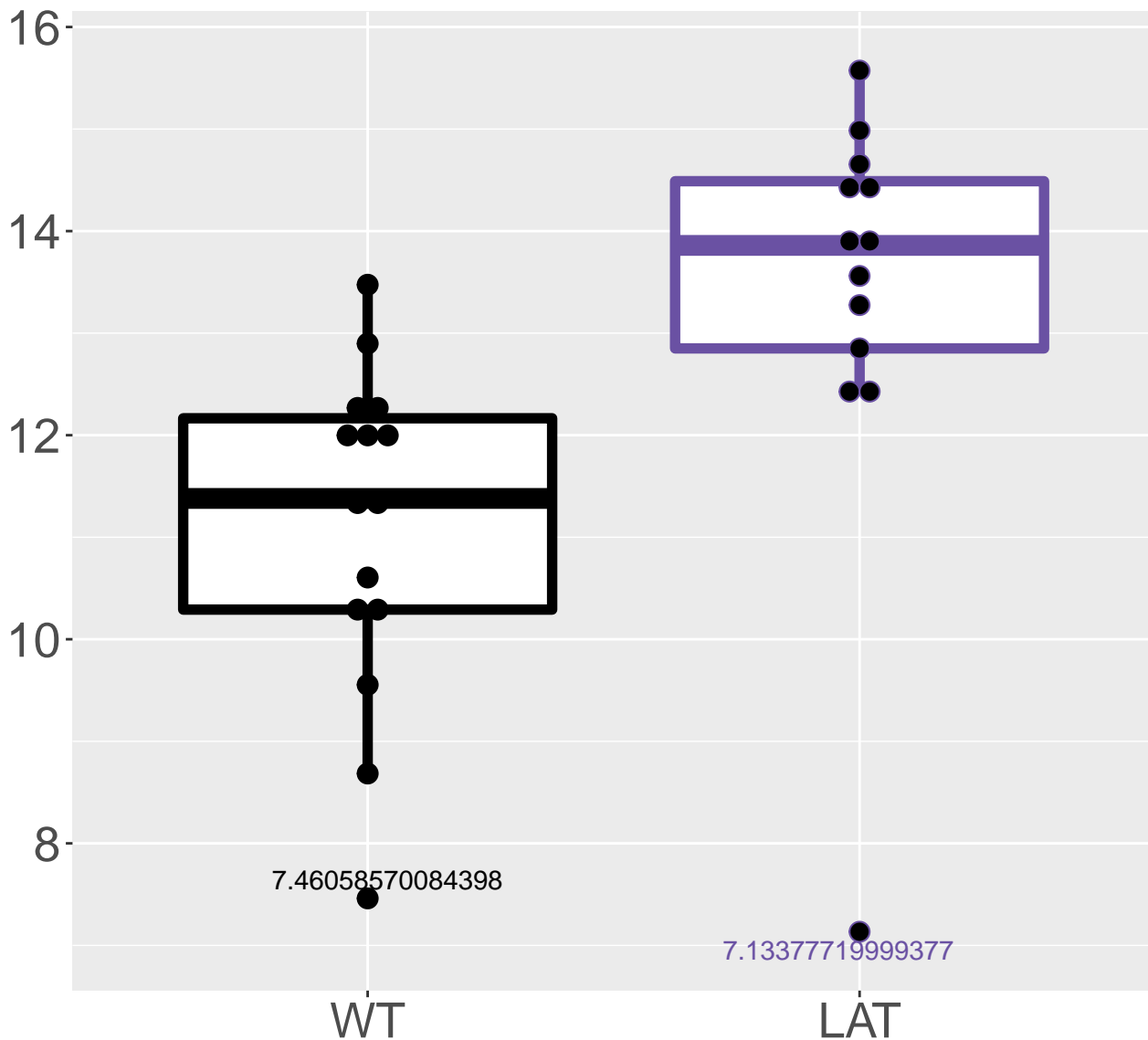


**M566.8658T993.49**  
**FDR = 0.02, FC = 0.45**



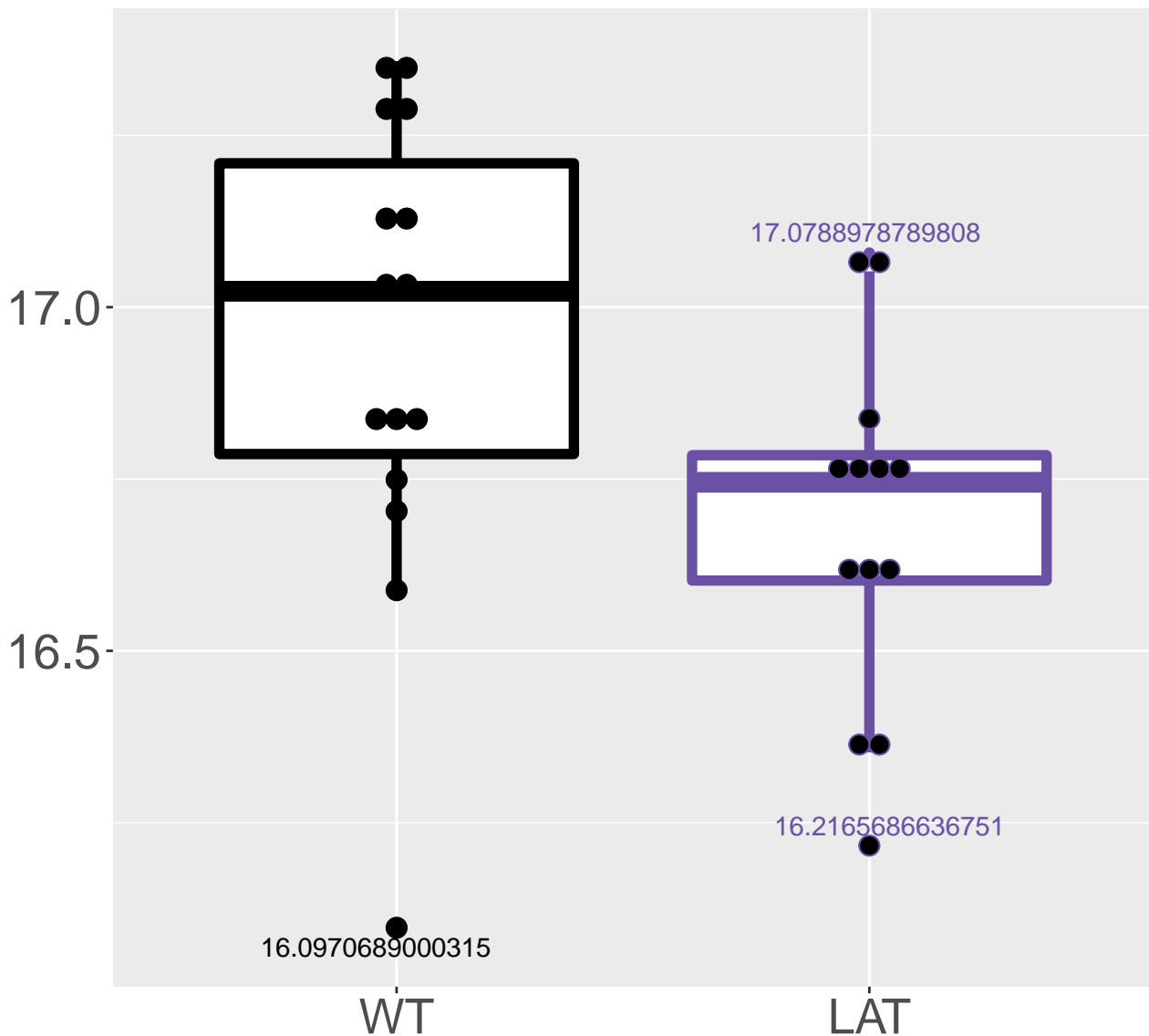
**M512.2105T339.89**

**FDR = 0.02, FC = 2.3**



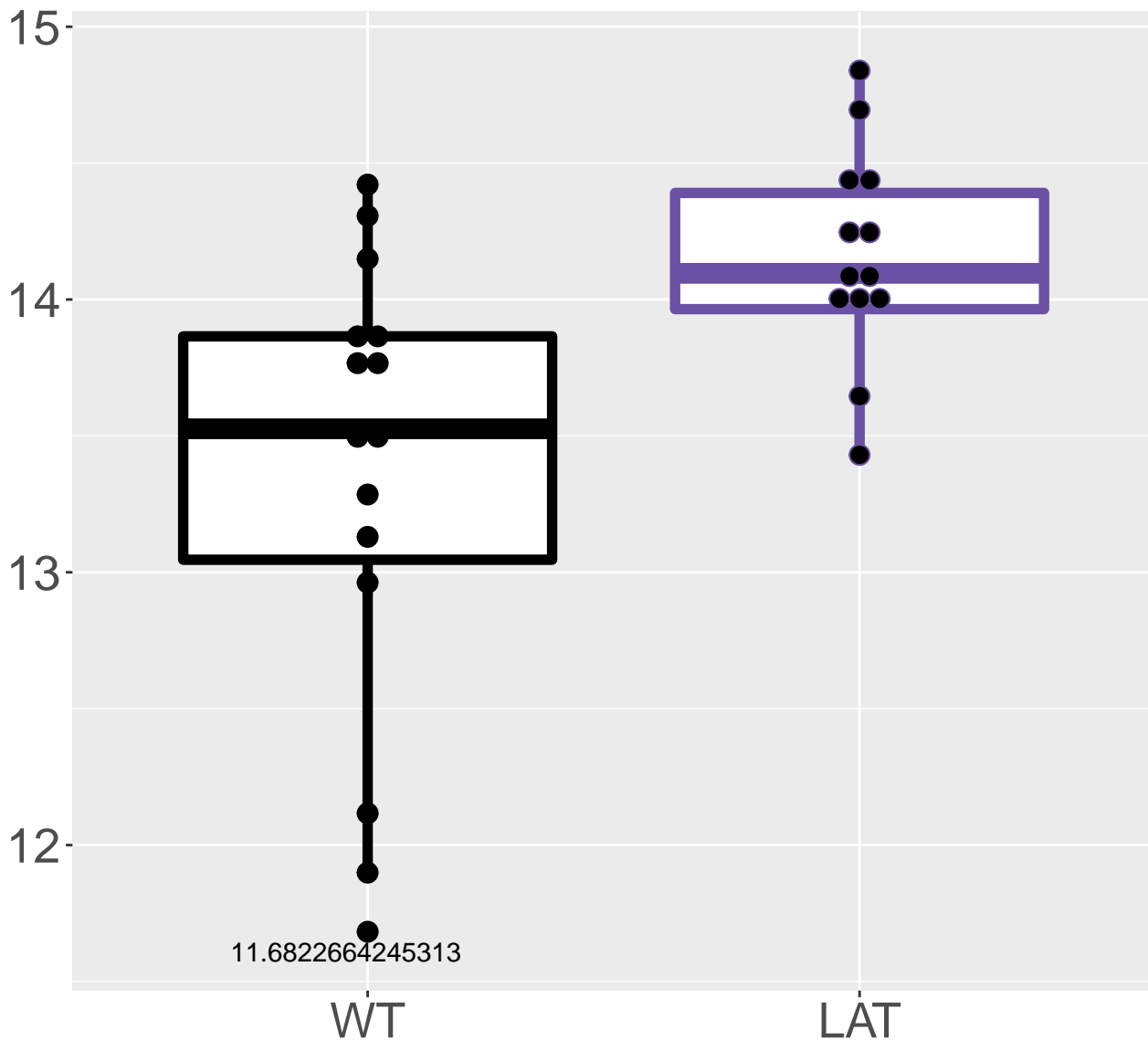


**L-Tartaric acid; Tartaric acid; L-(+)-Tartaric acid**  
**FDR = 0.02, FC = -0.27, sex\*\***

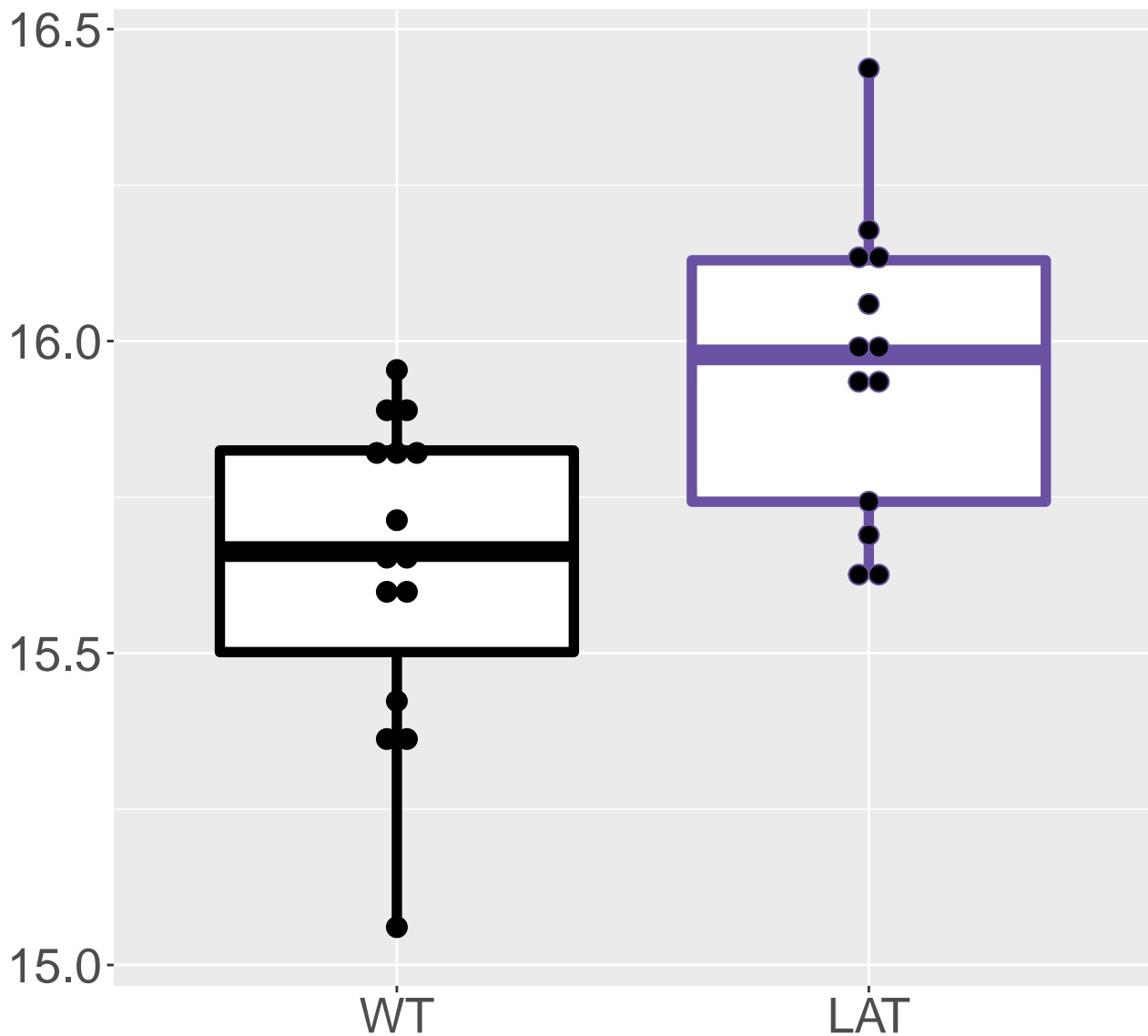


**M129.2391T555.86\_32**

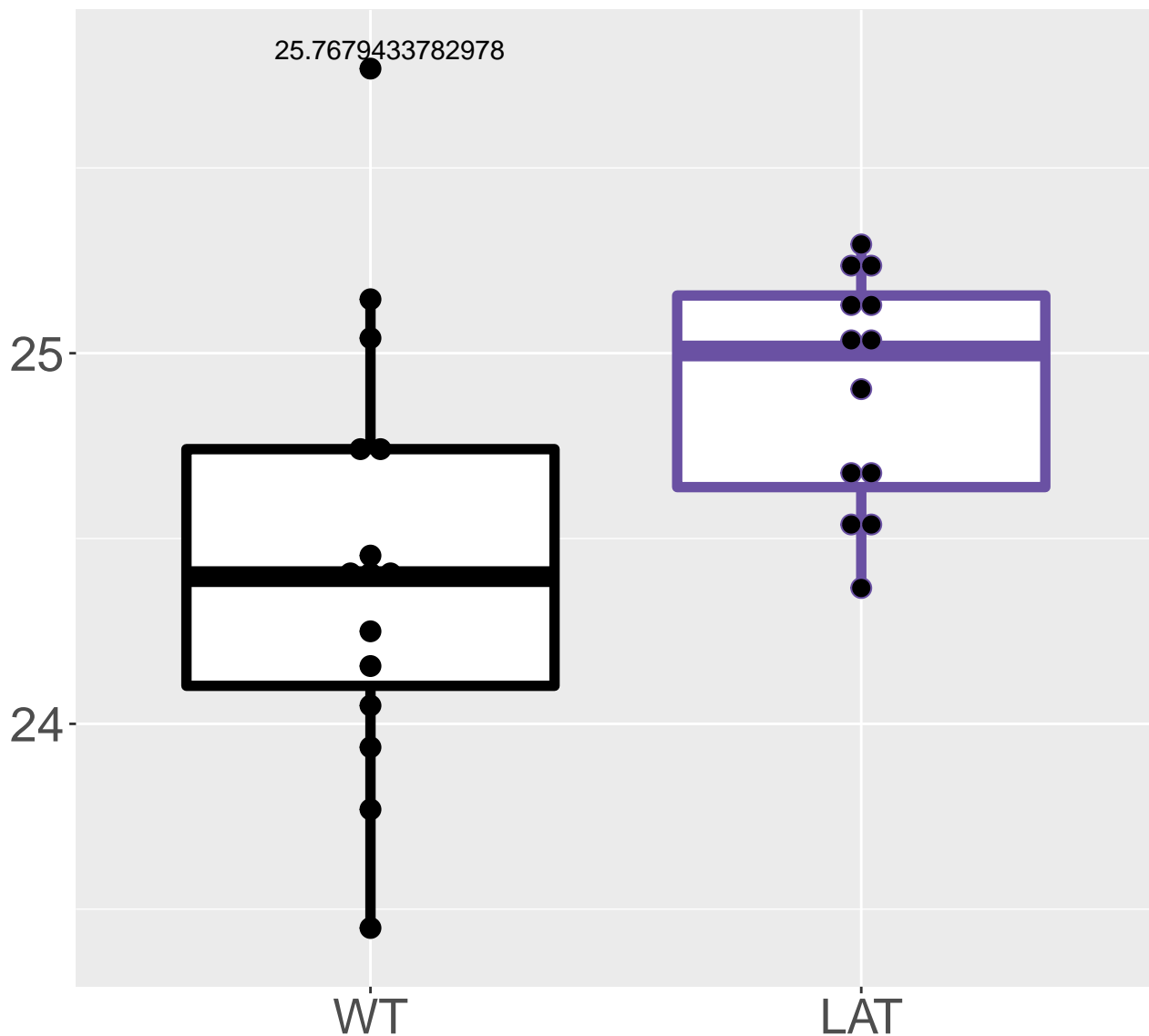
**FDR = 0.02, FC = 0.82**



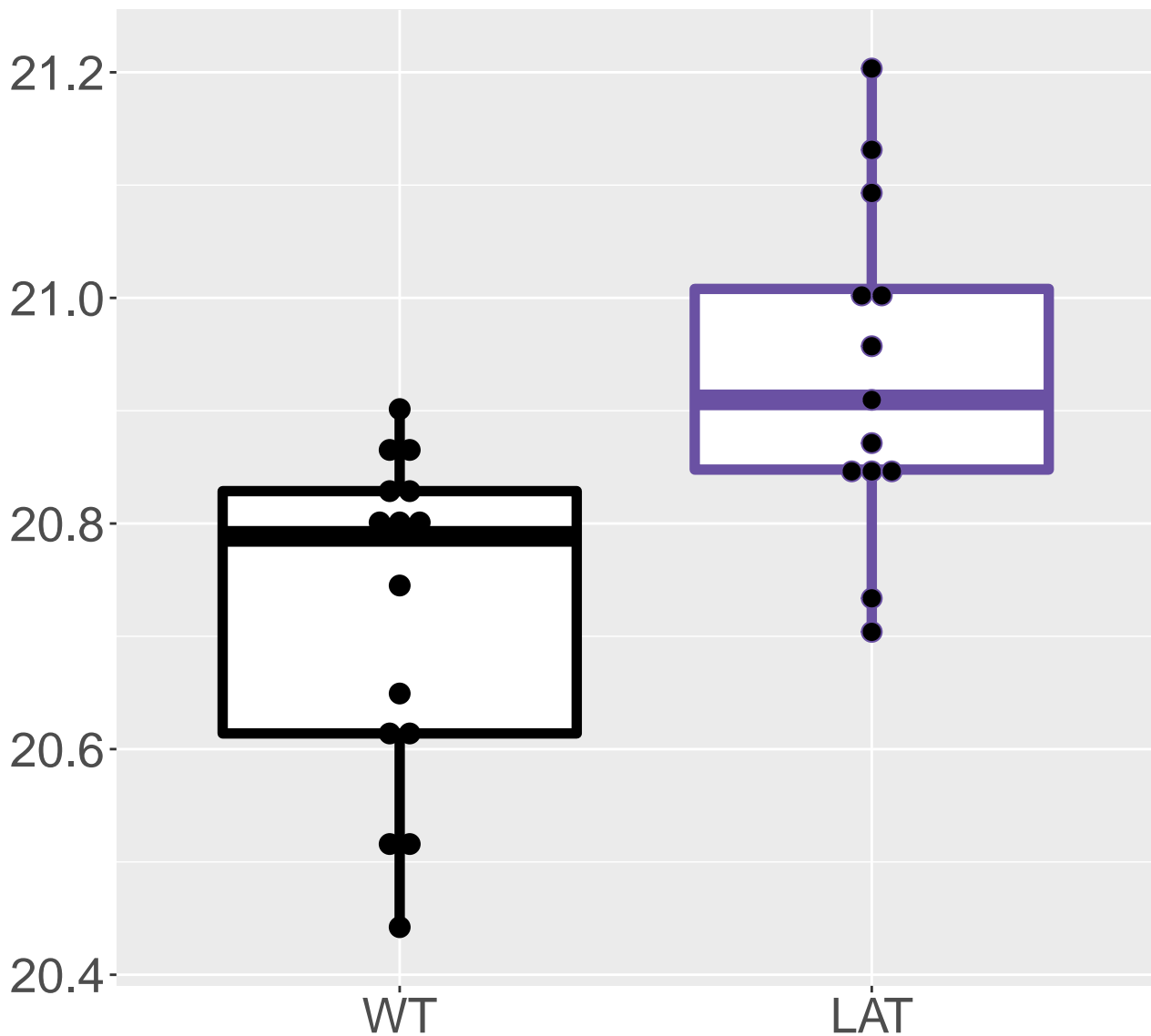
**M399.8847T993.91**  
**FDR = 0.02, FC = 0.32**



**D-(+)-Glucuronic acid  $\hat{I}^3$ -lactone; Glucuronolactone**  
**FDR = 0.021, FC = 0.46, sex\*\*\***

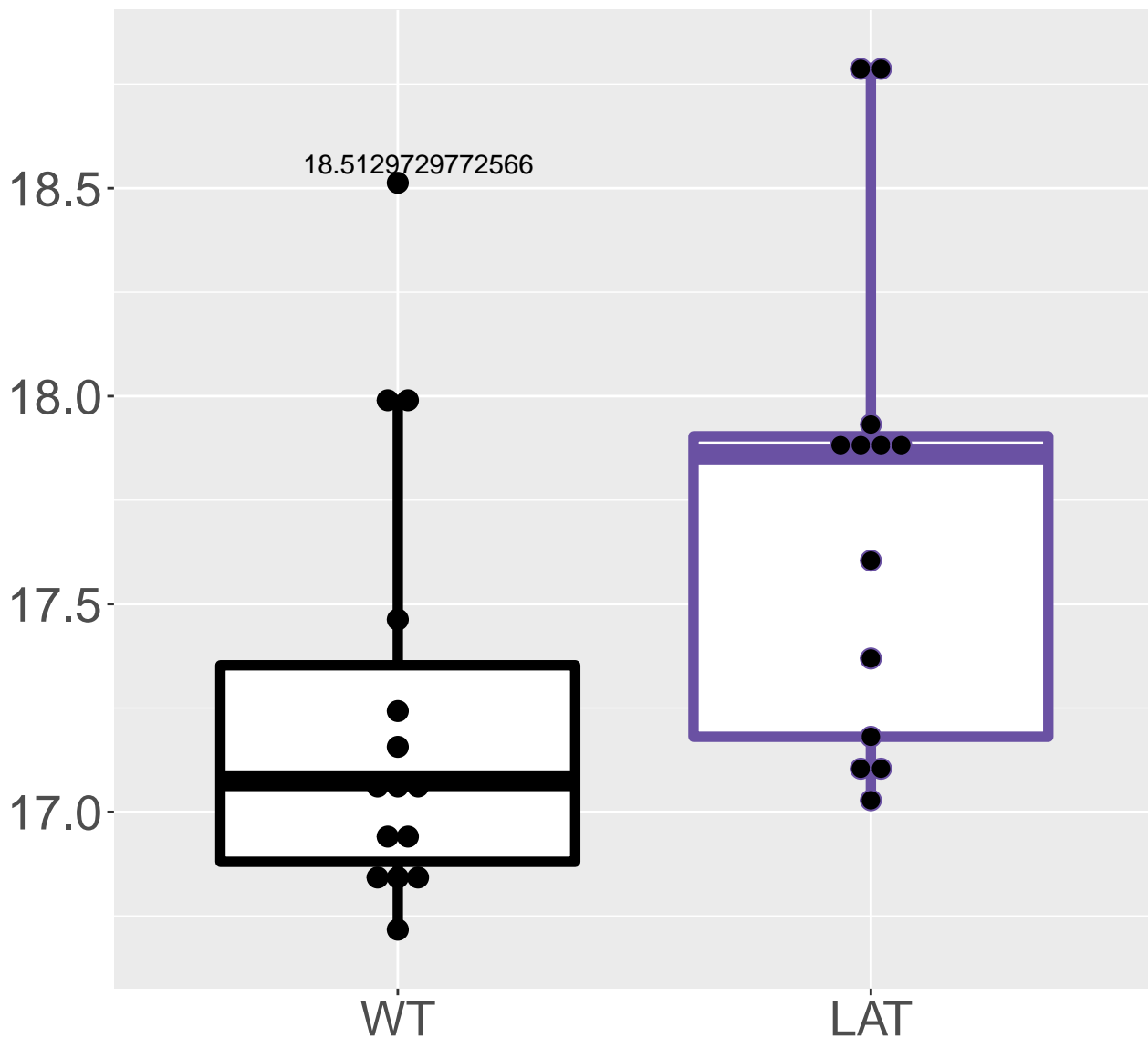


**M248.9723T993.65**  
**FDR = 0.021, FC = 0.21**

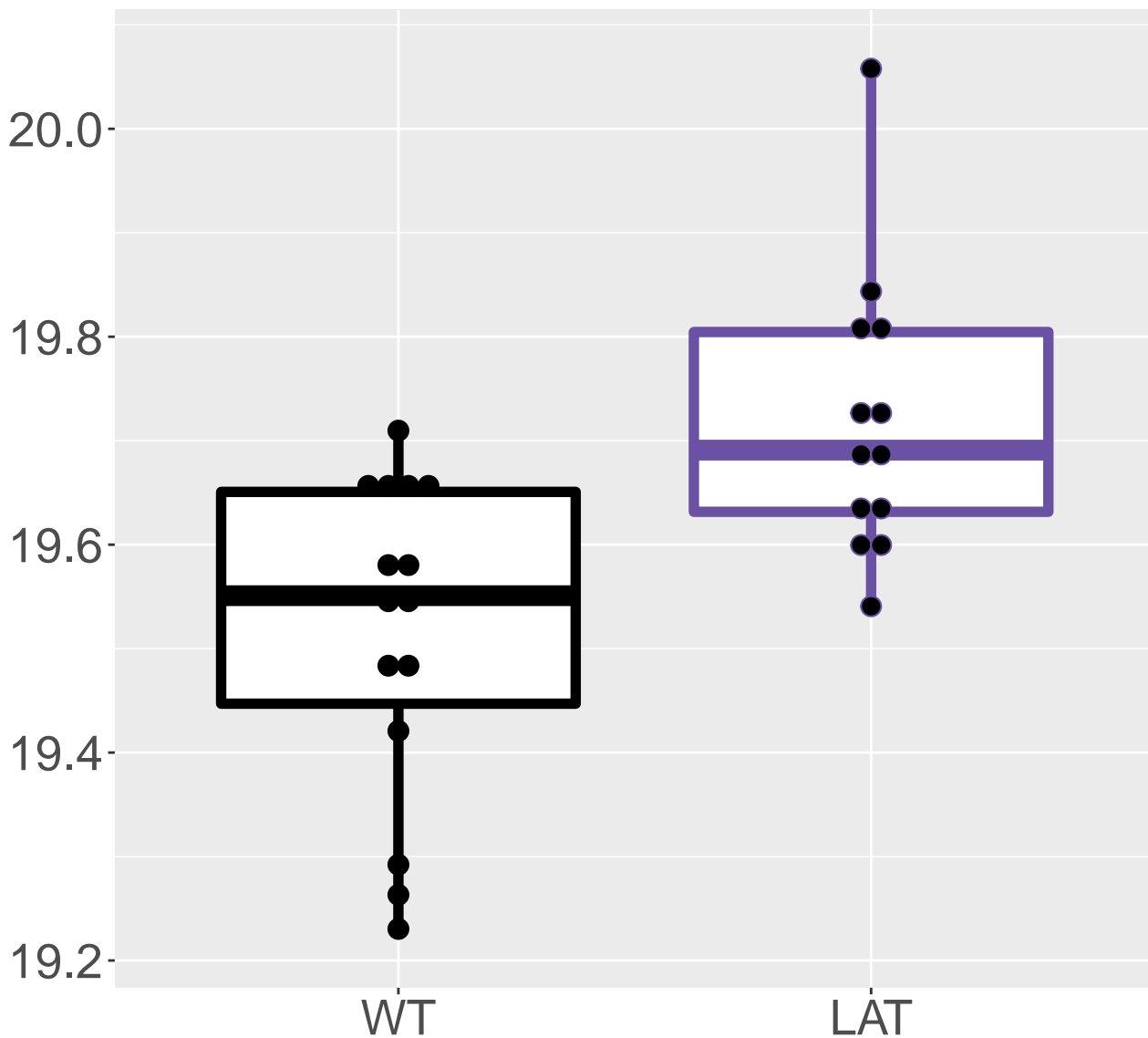


**M159.1028T91.05**

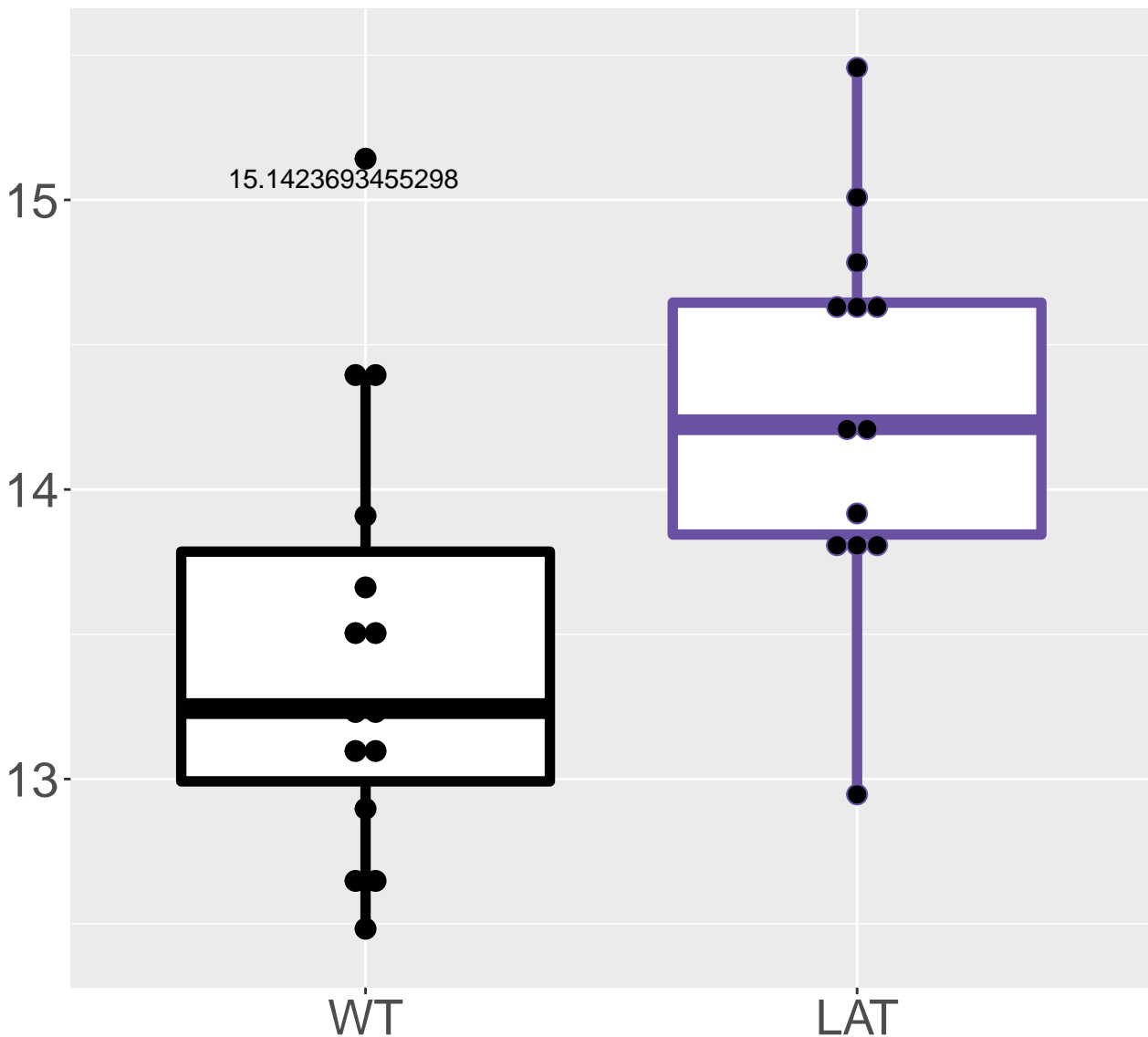
**FDR = 0.021, FC = 0.48, sex\*\***



**M126.0311T111.97**  
**FDR = 0.021, FC = 0.2**

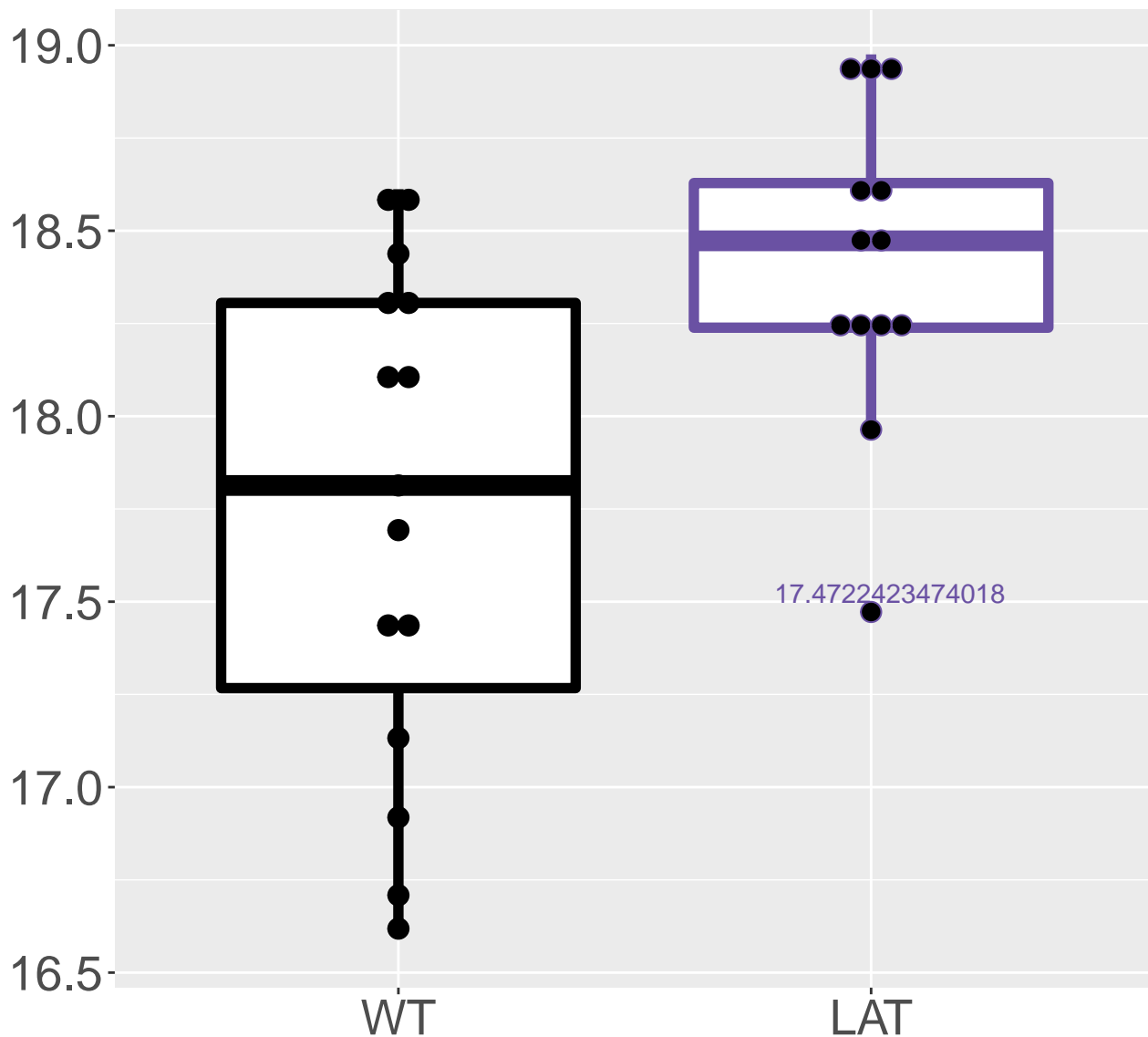


**M150.8934T702.17**  
**FDR = 0.022, FC = 0.84**



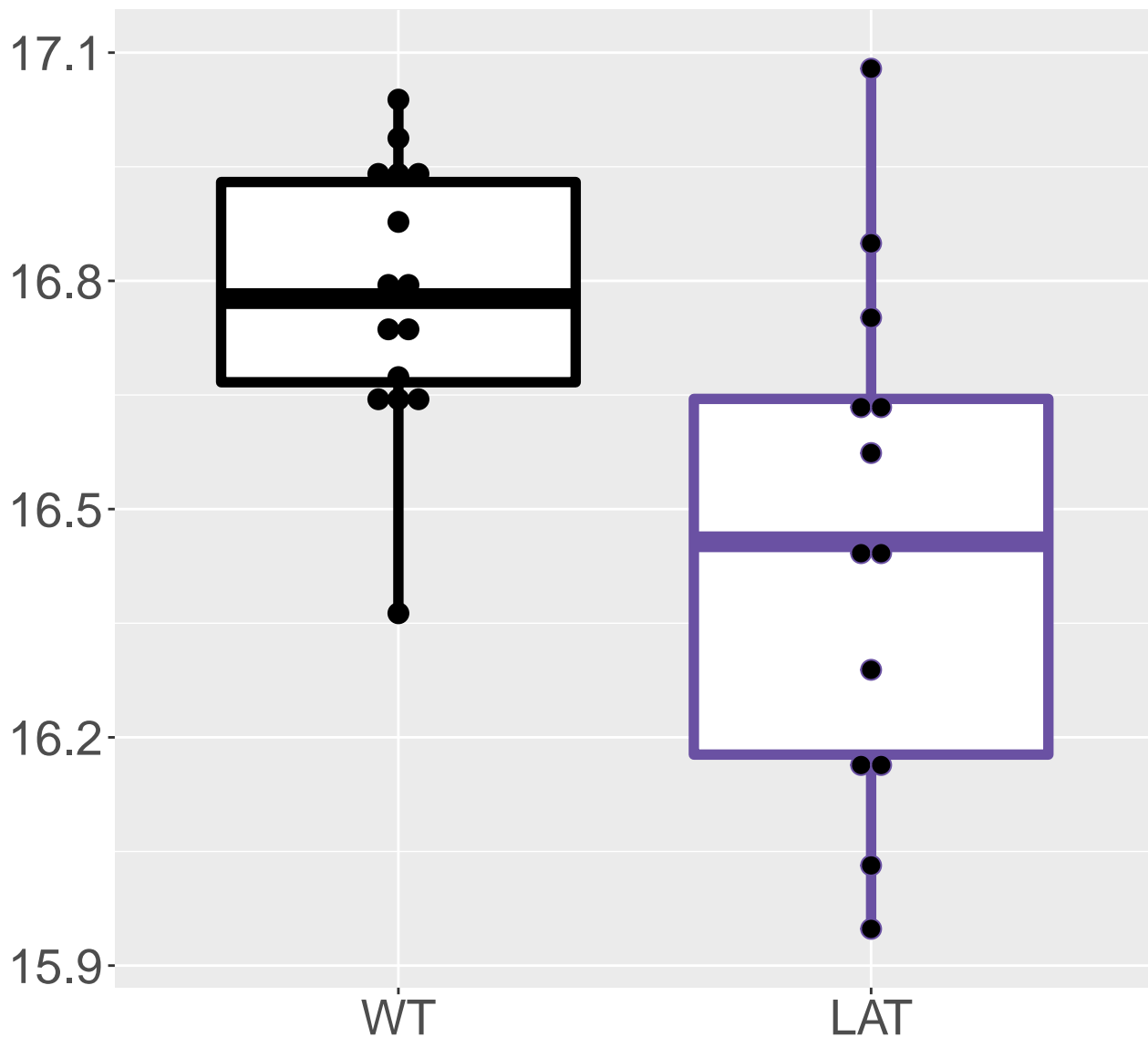


**M87.7781T252.75\_14**  
**FDR = 0.022, FC = 0.67**

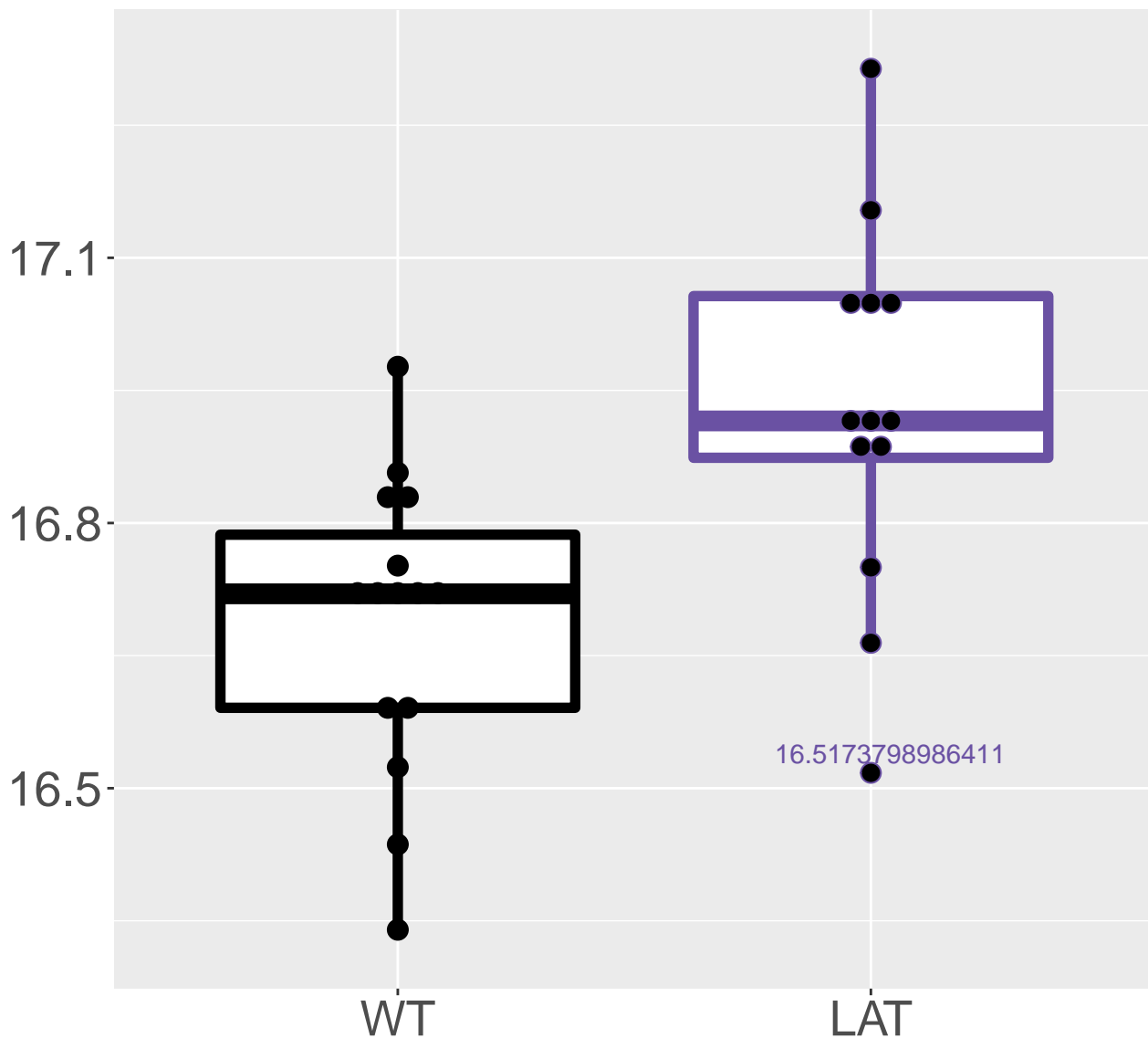


**M180.0195T87.03**

**FDR = 0.022, FC = -0.32**

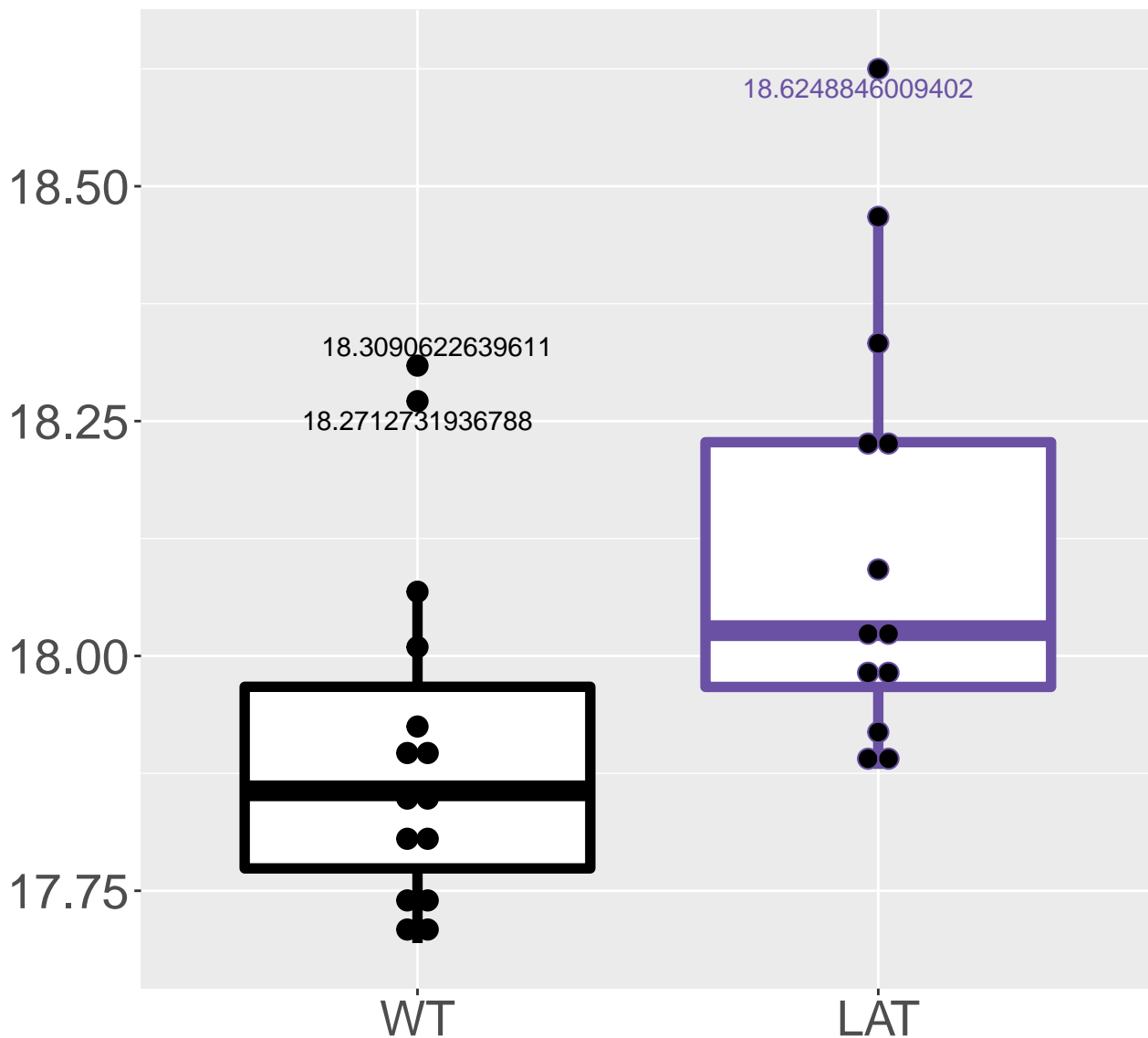


**M158.9816T1028.24**  
**FDR = 0.022, FC = 0.24**



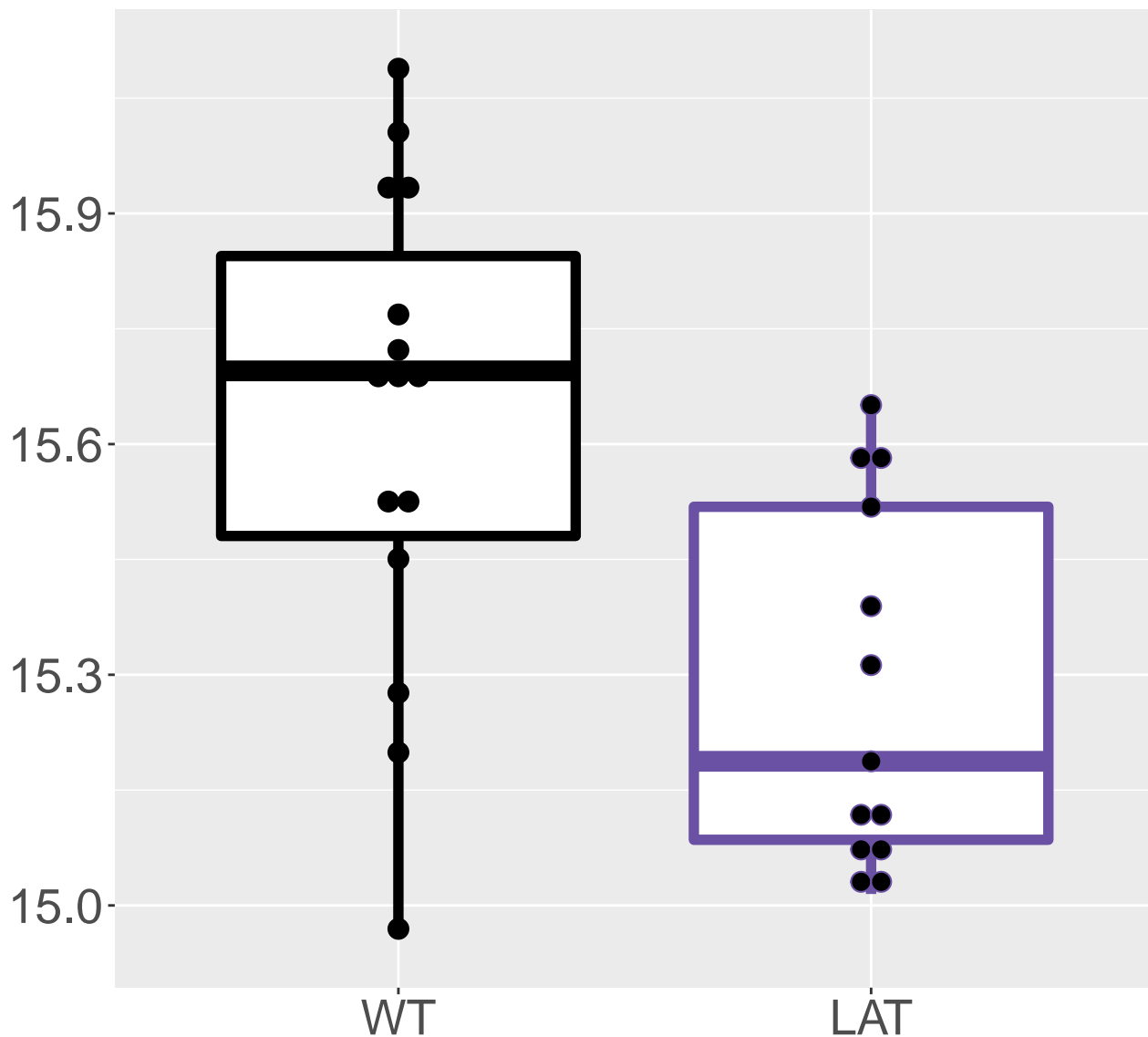
**M271.0724T618.77**

**FDR = 0.022, FC = 0.22, sex\***

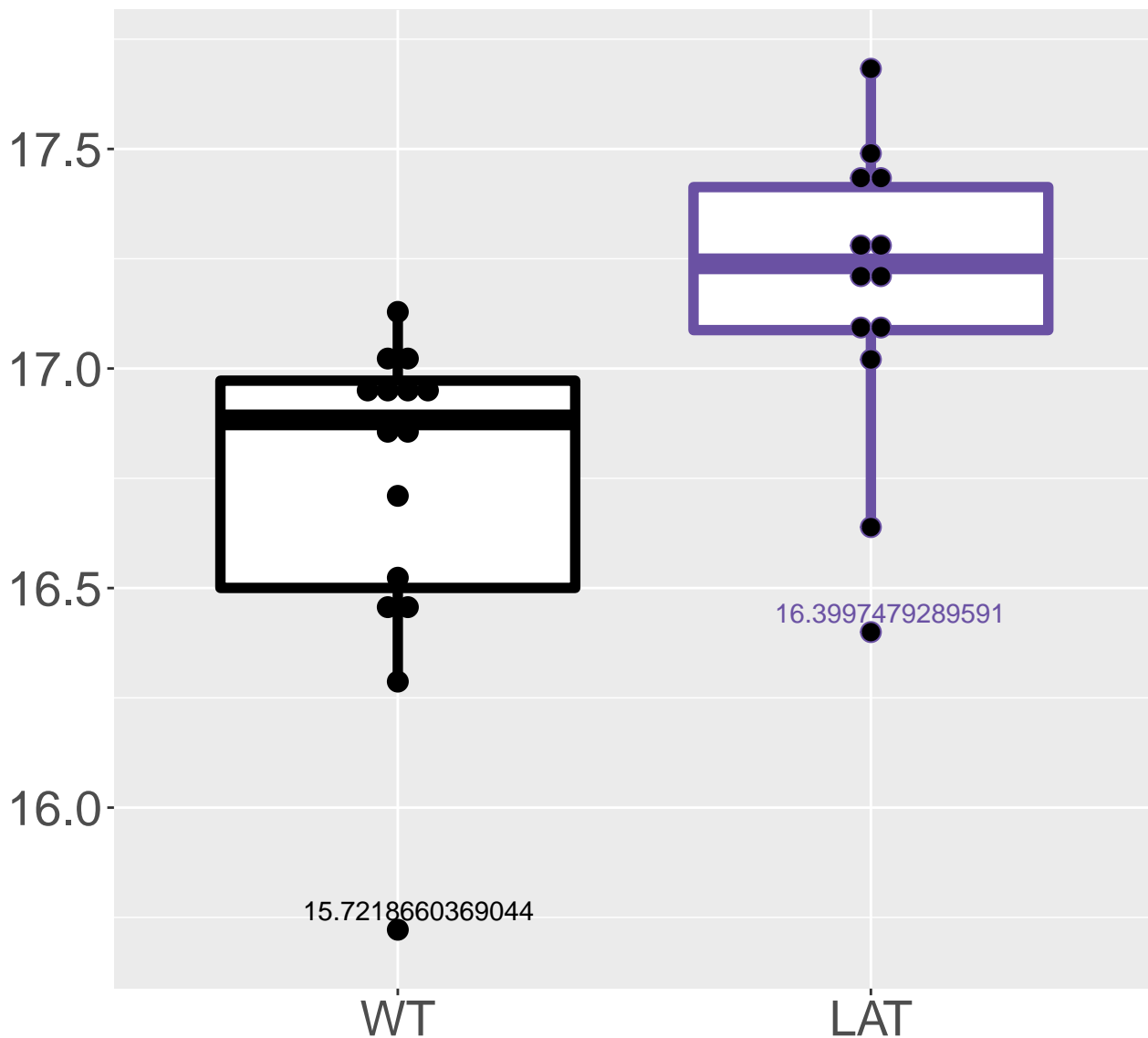


**M233.9326T361.66**

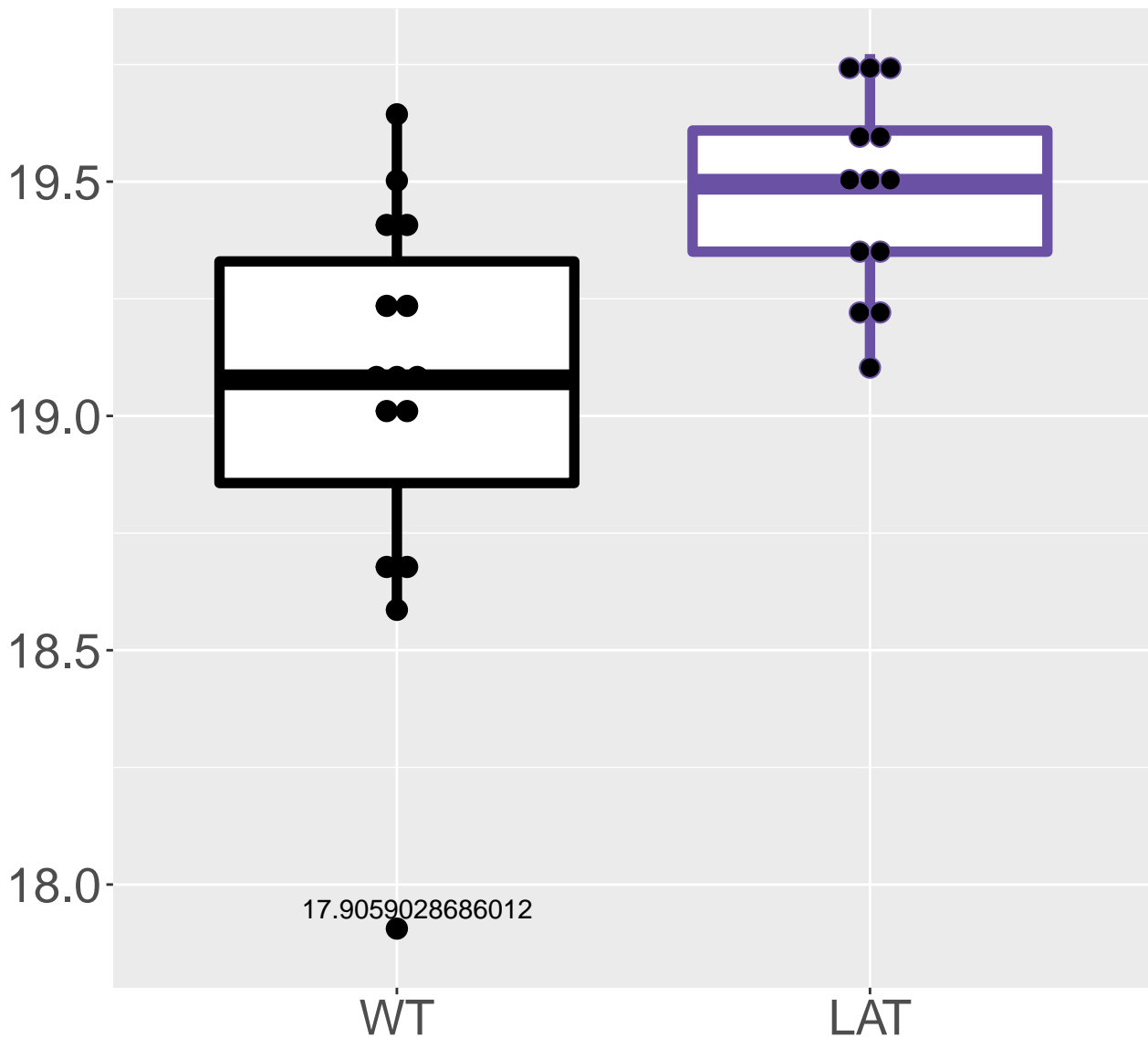
**FDR = 0.022, FC = -0.35**



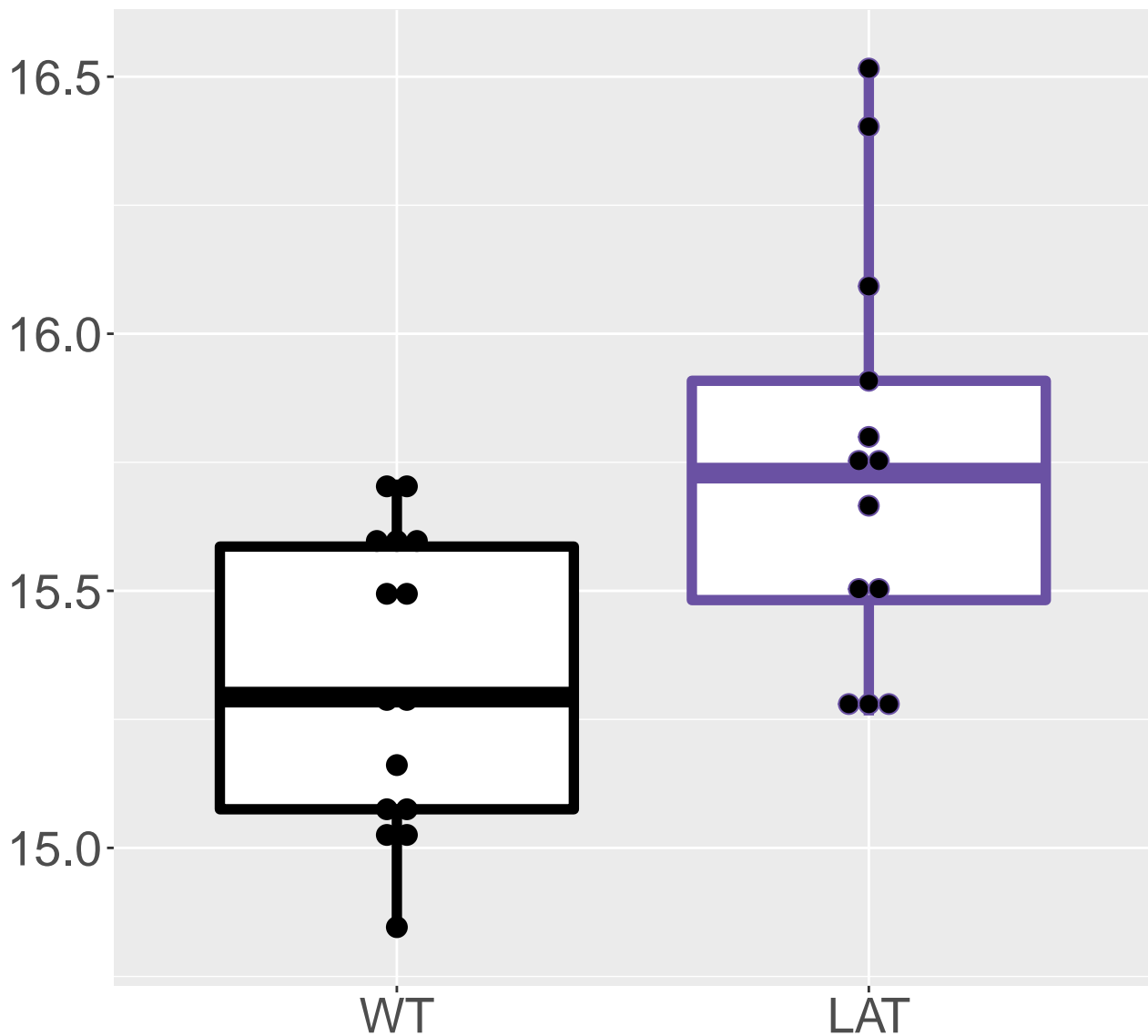
**M378.395T993.63\_2**  
**FDR = 0.022, FC = 0.45**



**M88.8208T252.8\_24**  
**FDR = 0.022, FC = 0.44**

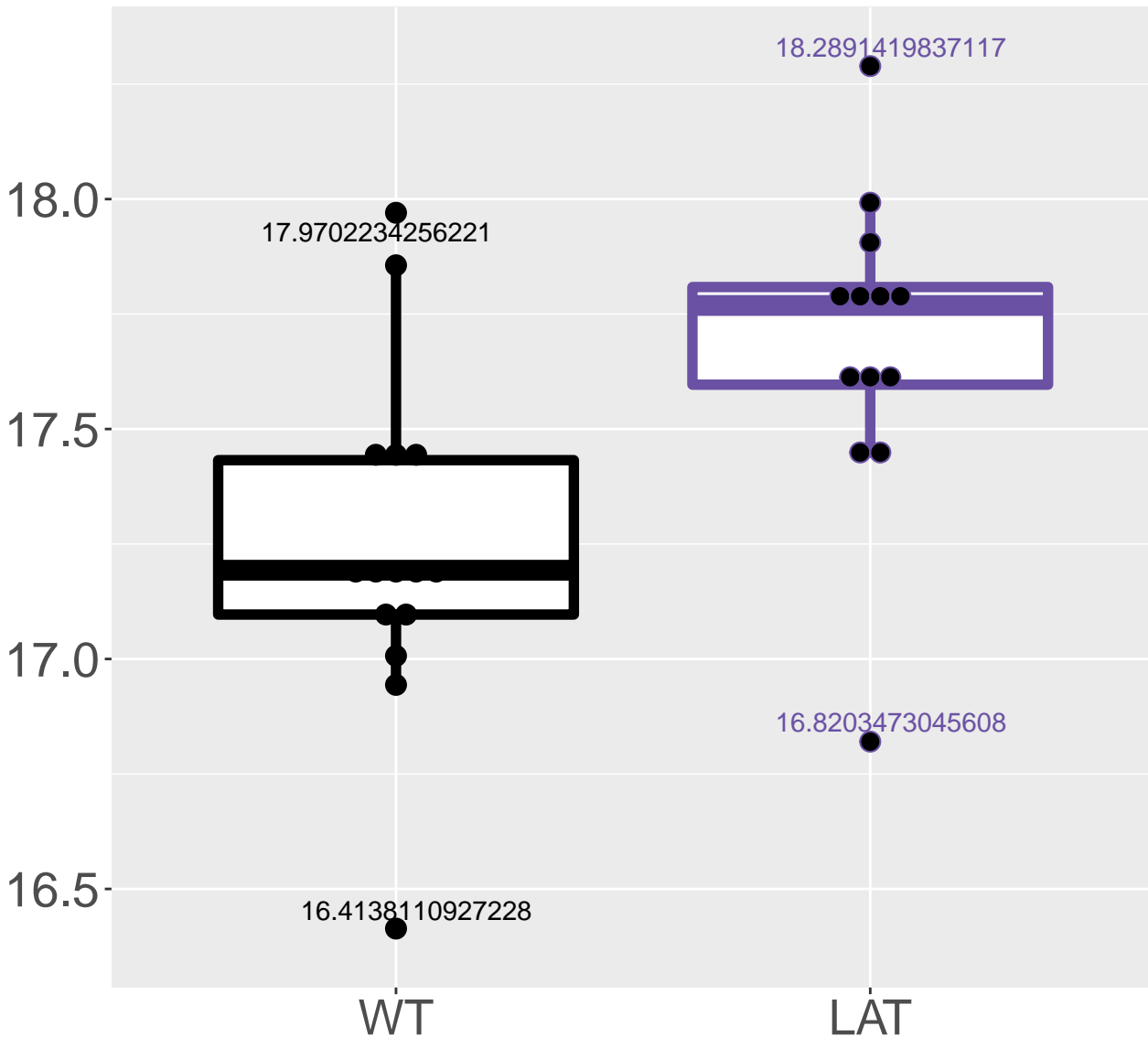


**M215.1292T206.01**  
**FDR = 0.022, FC = 0.42**

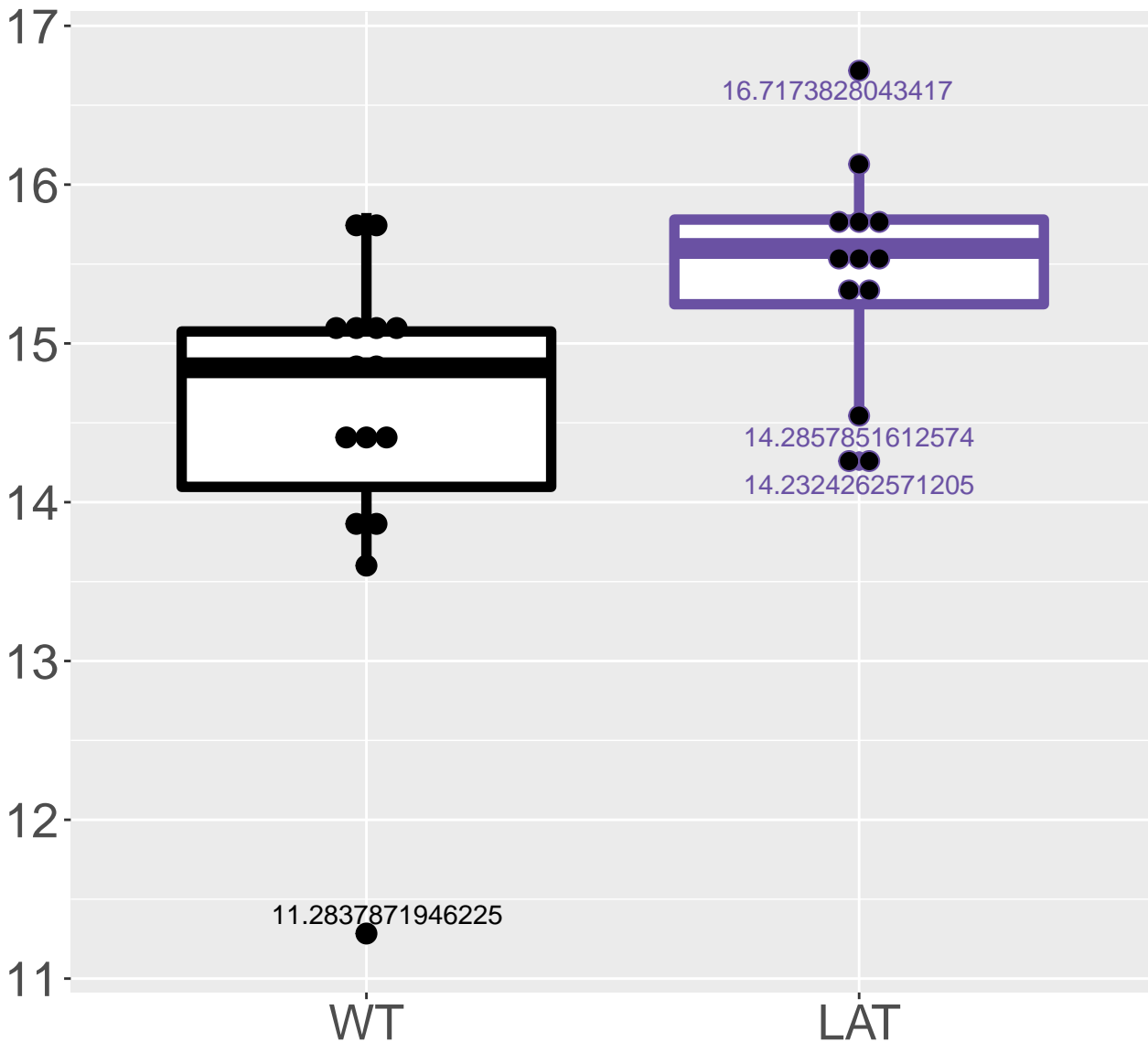




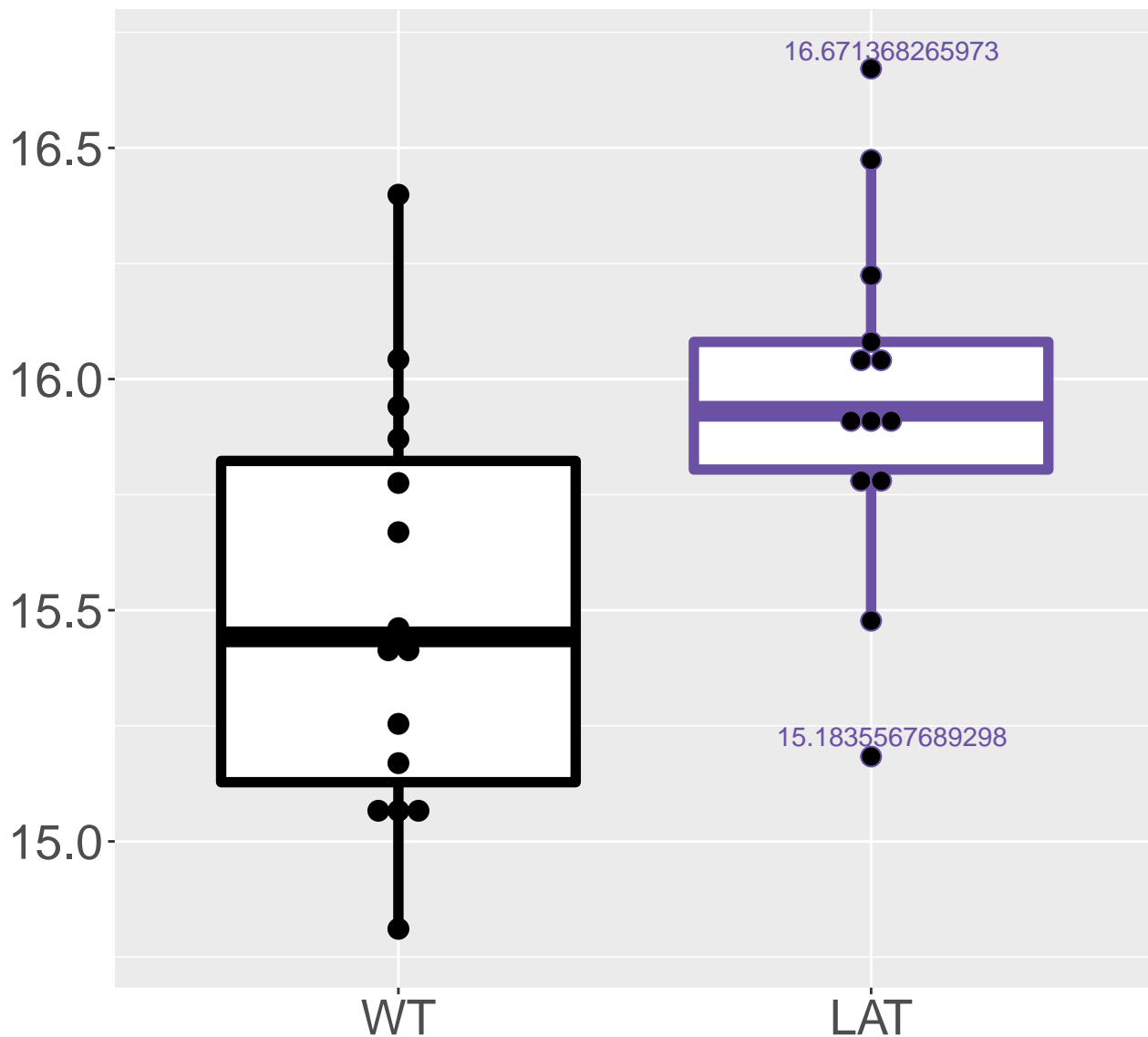
**FDR = 0.022, FC = 0.44**



**FDR = 0.022, FC = 0.94, sex\*\***

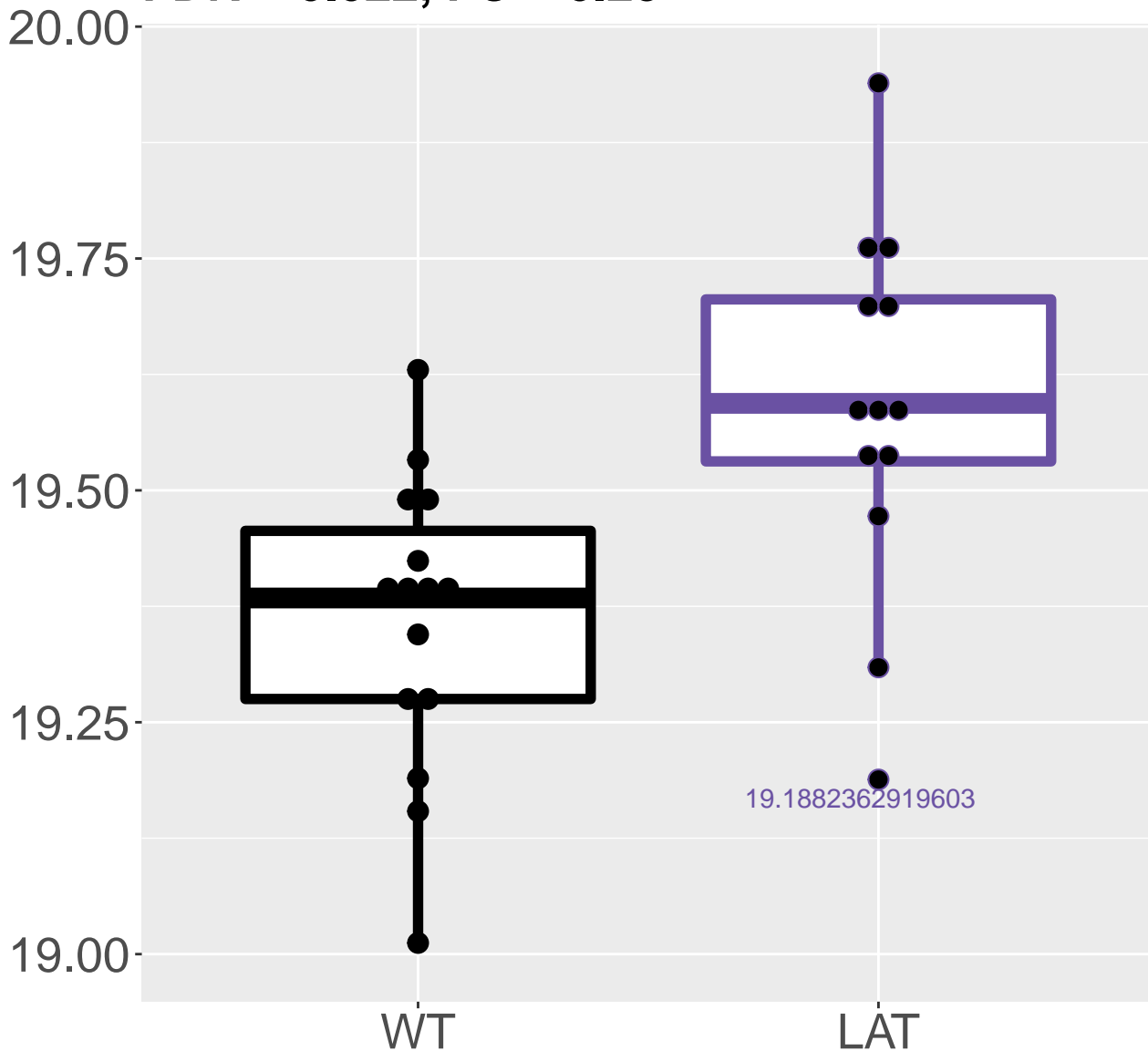


**M301.0128T376.76**  
**FDR = 0.022, FC = 0.47**



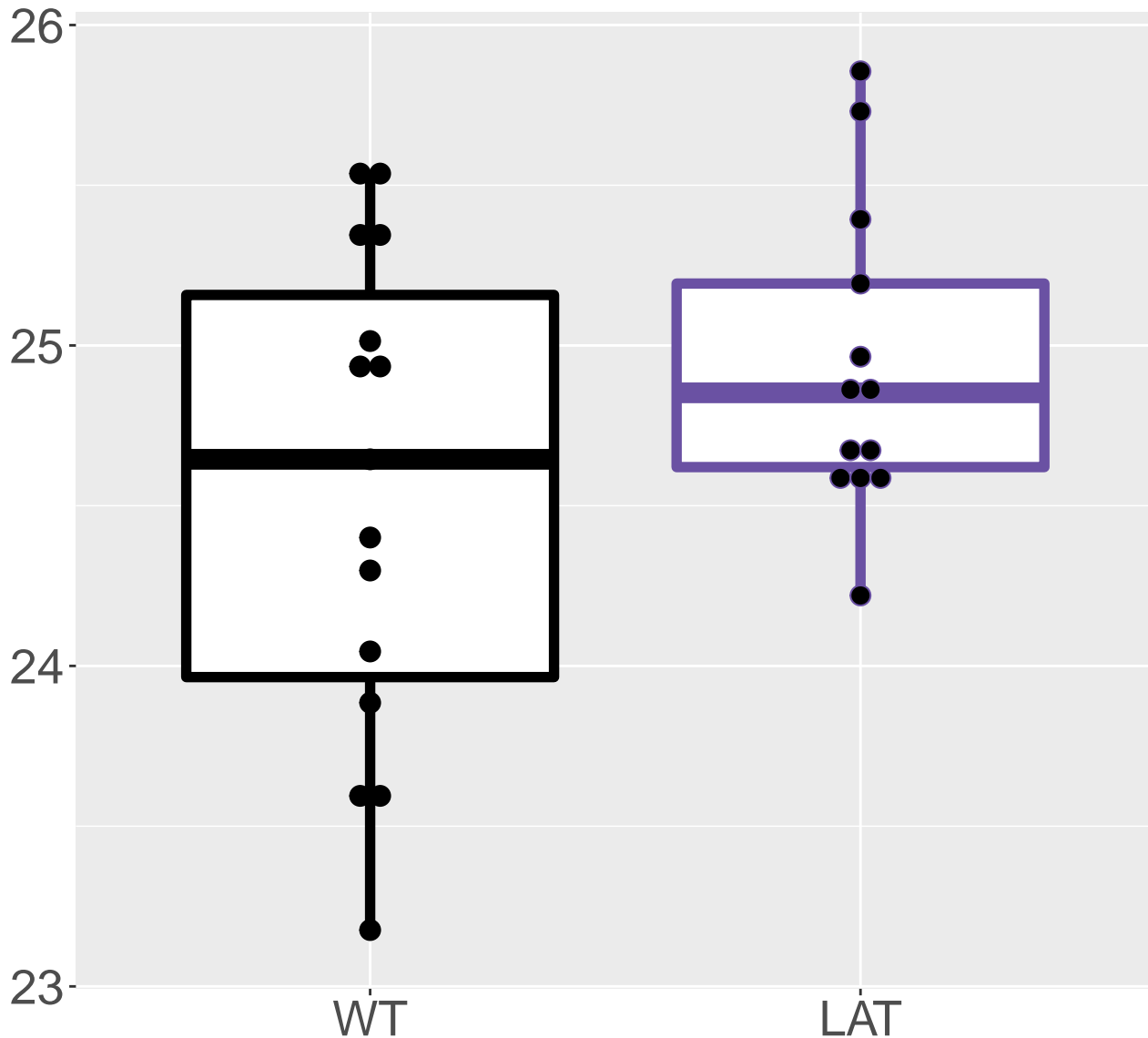
**M159.9656T1028.24**

**FDR = 0.022, FC = 0.23**

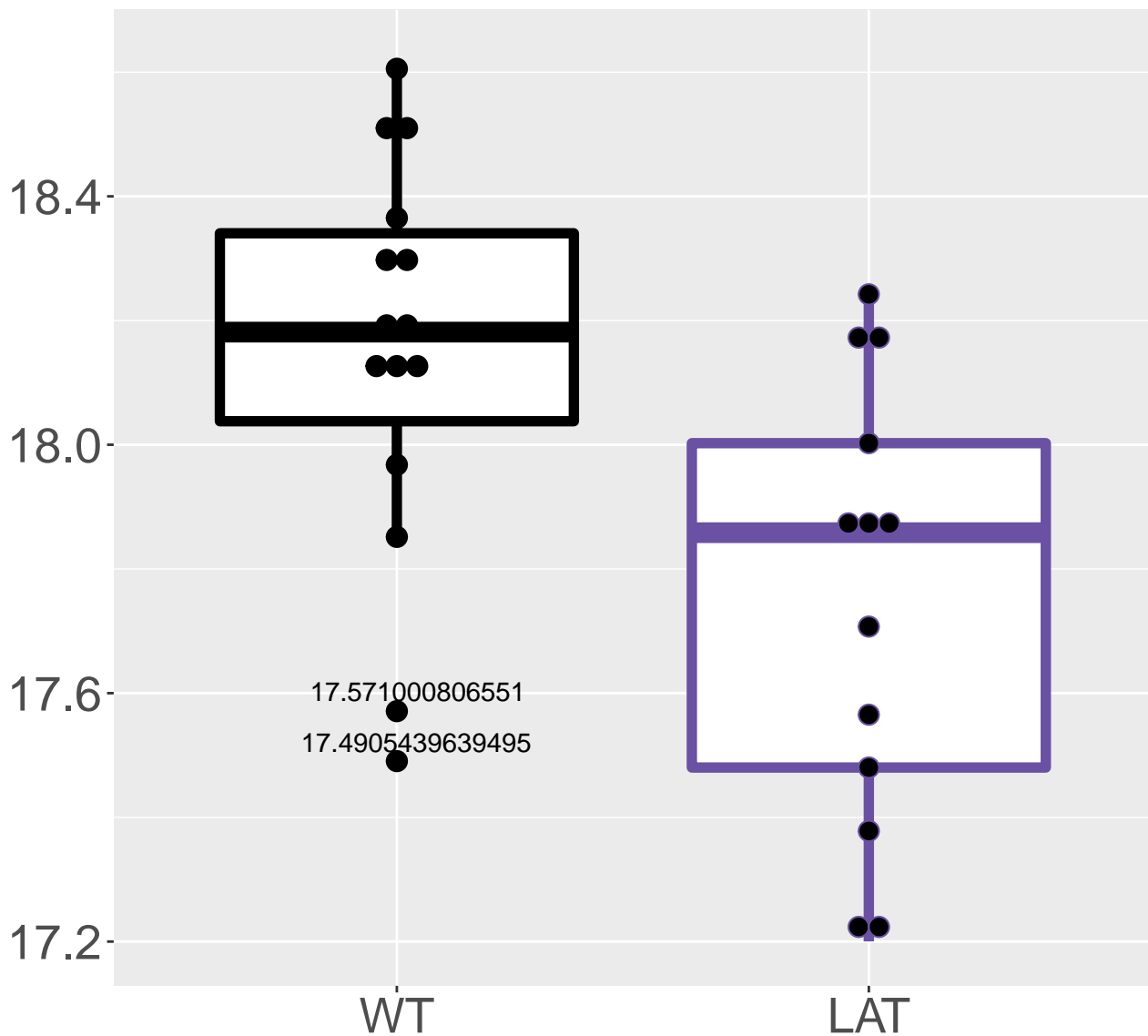


# Indoxyl sulfate

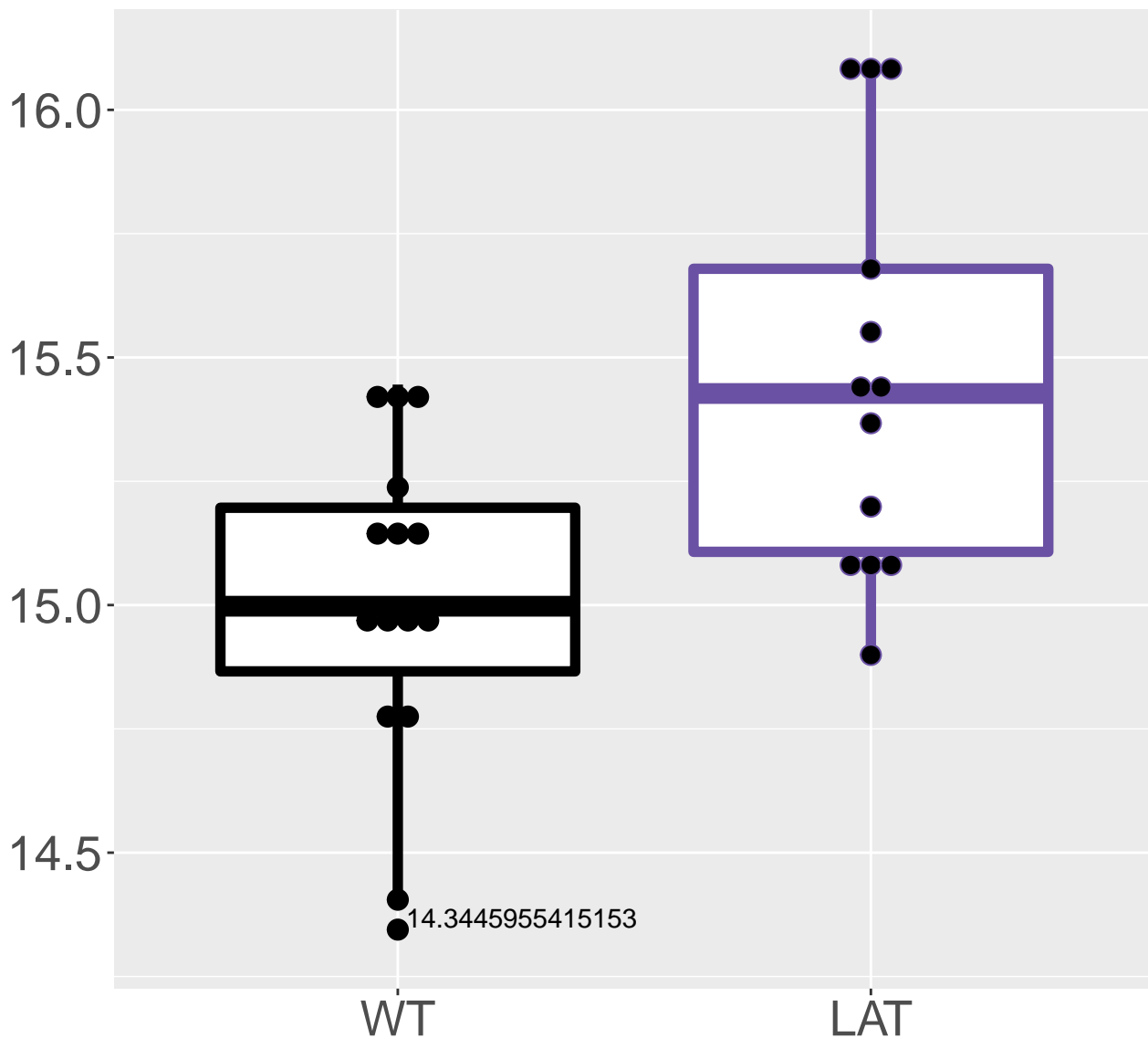
FDR = 0.022, FC = 0.39, sex\*\*\*



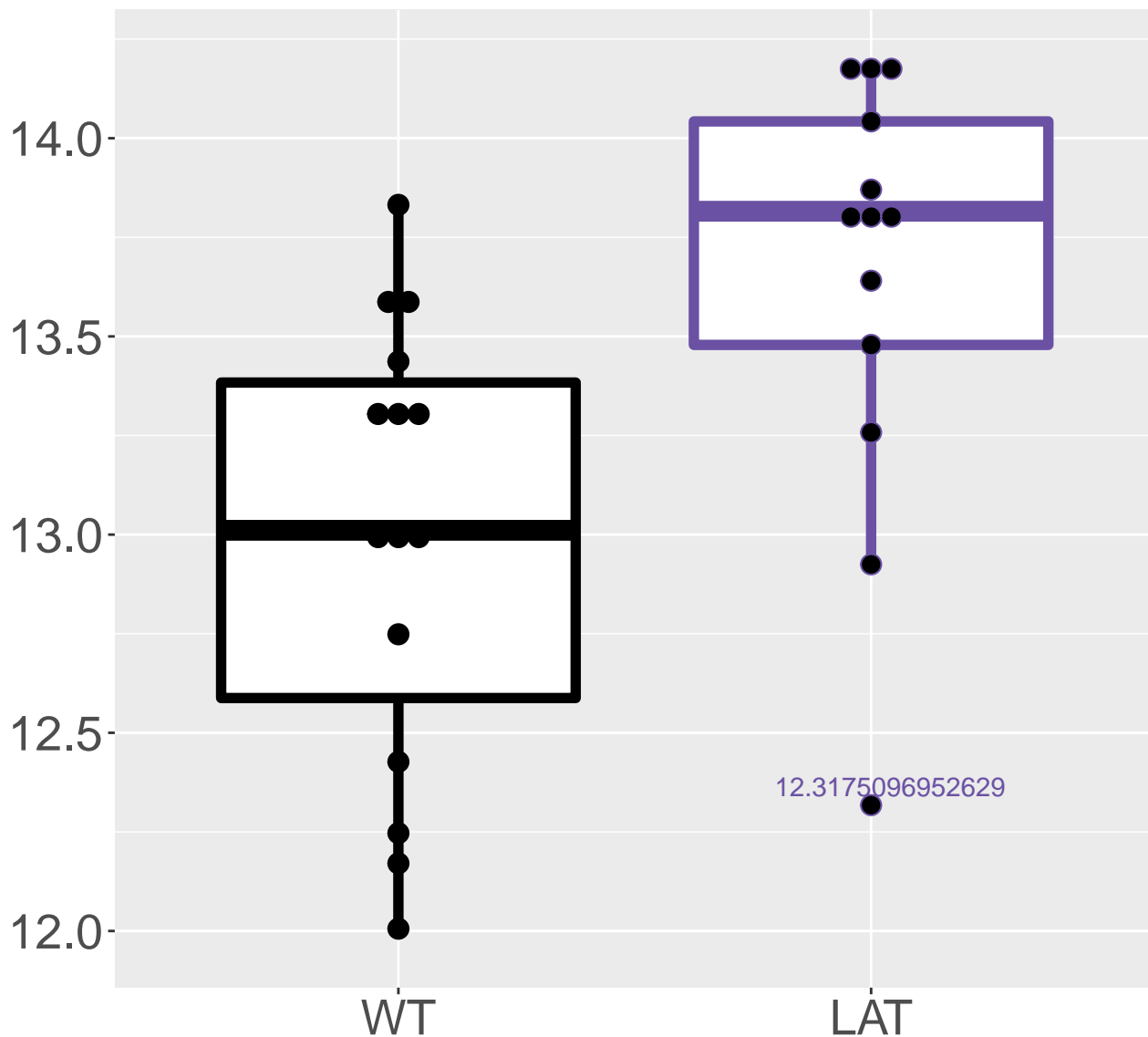
**FDR = 0.022, FC = -0.39**



**M95.5842T603.42**  
**FDR = 0.022, FC = 0.46**

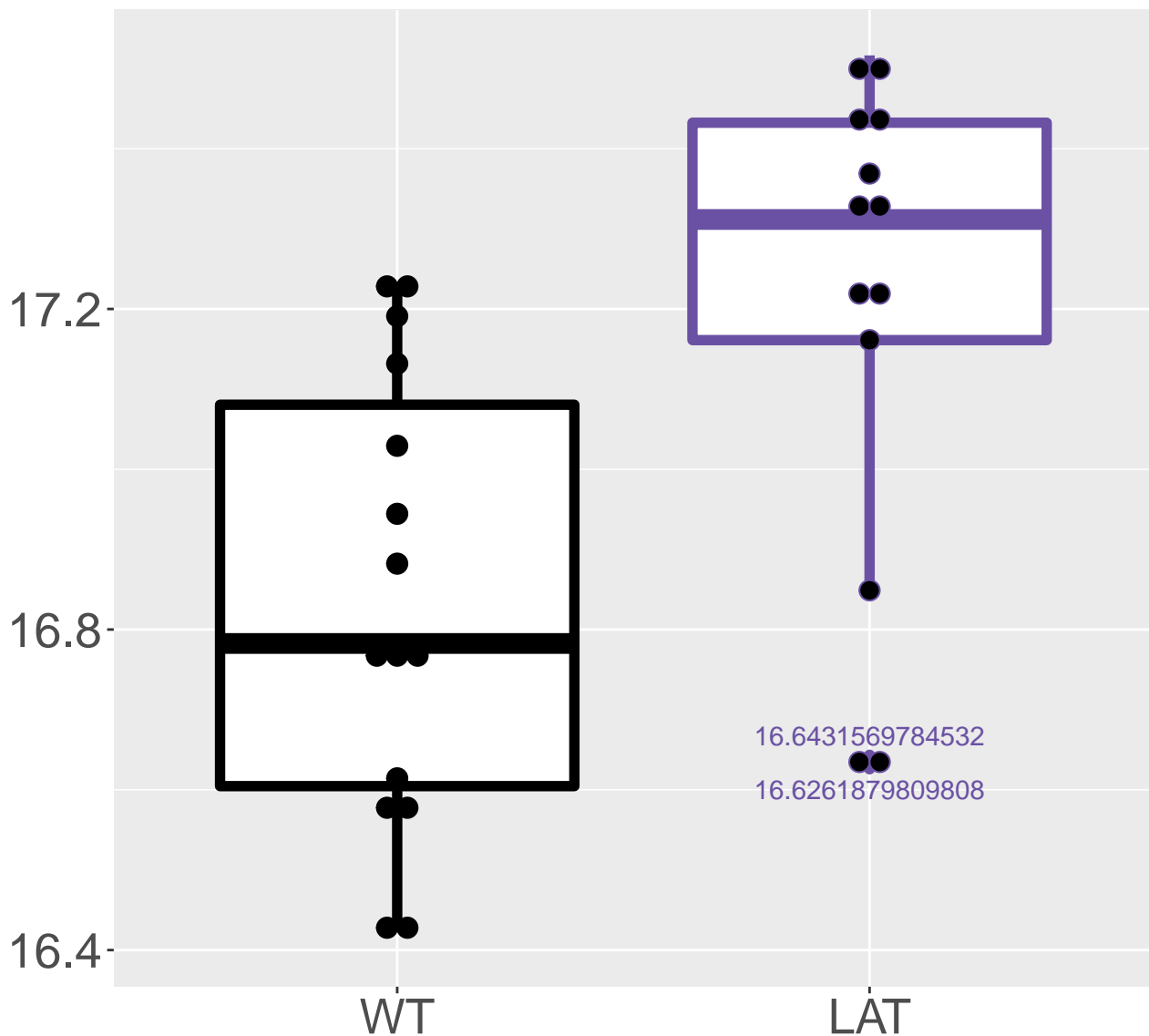


**M186.992T294.63**  
**FDR = 0.023, FC = 0.66**

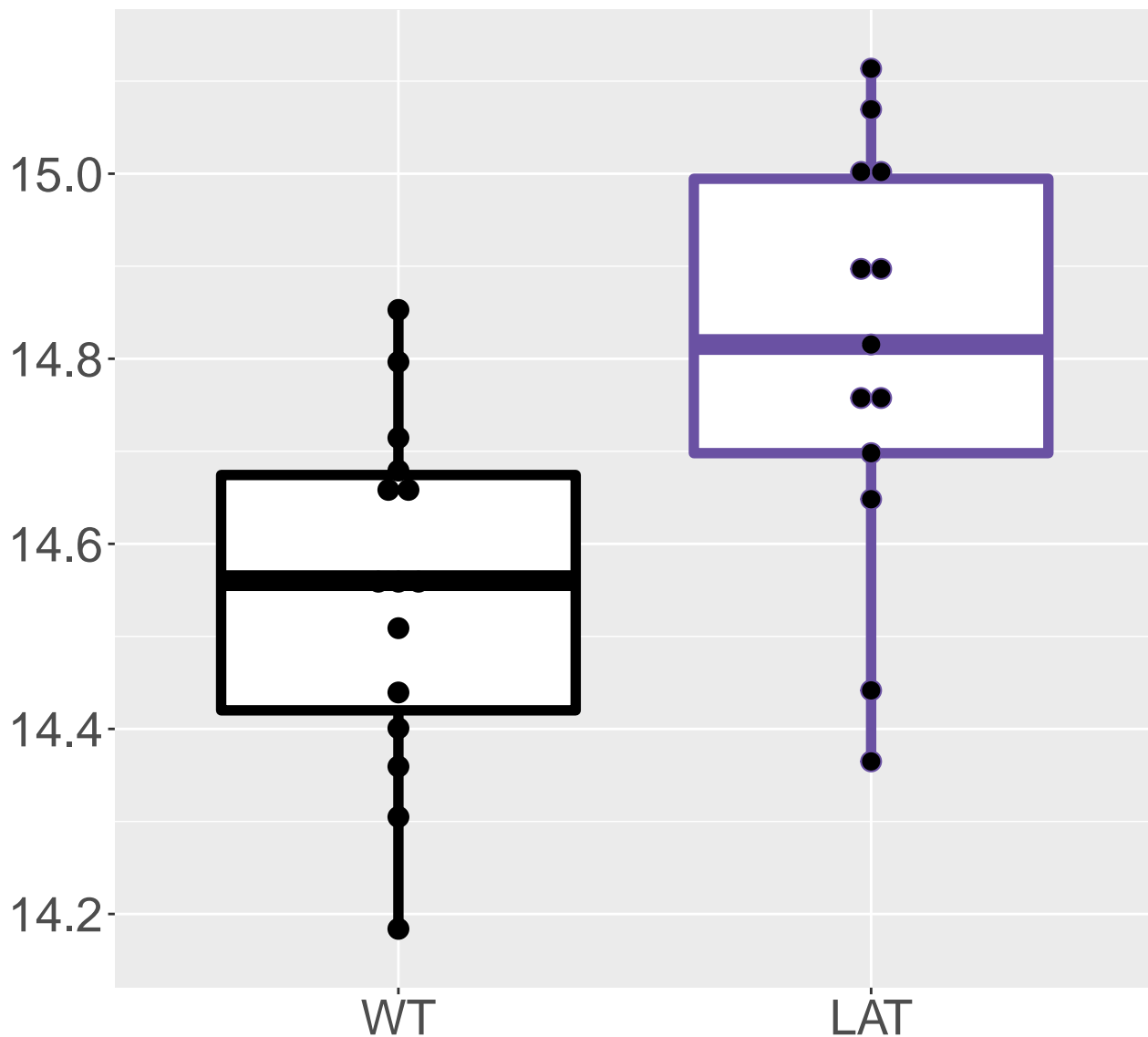




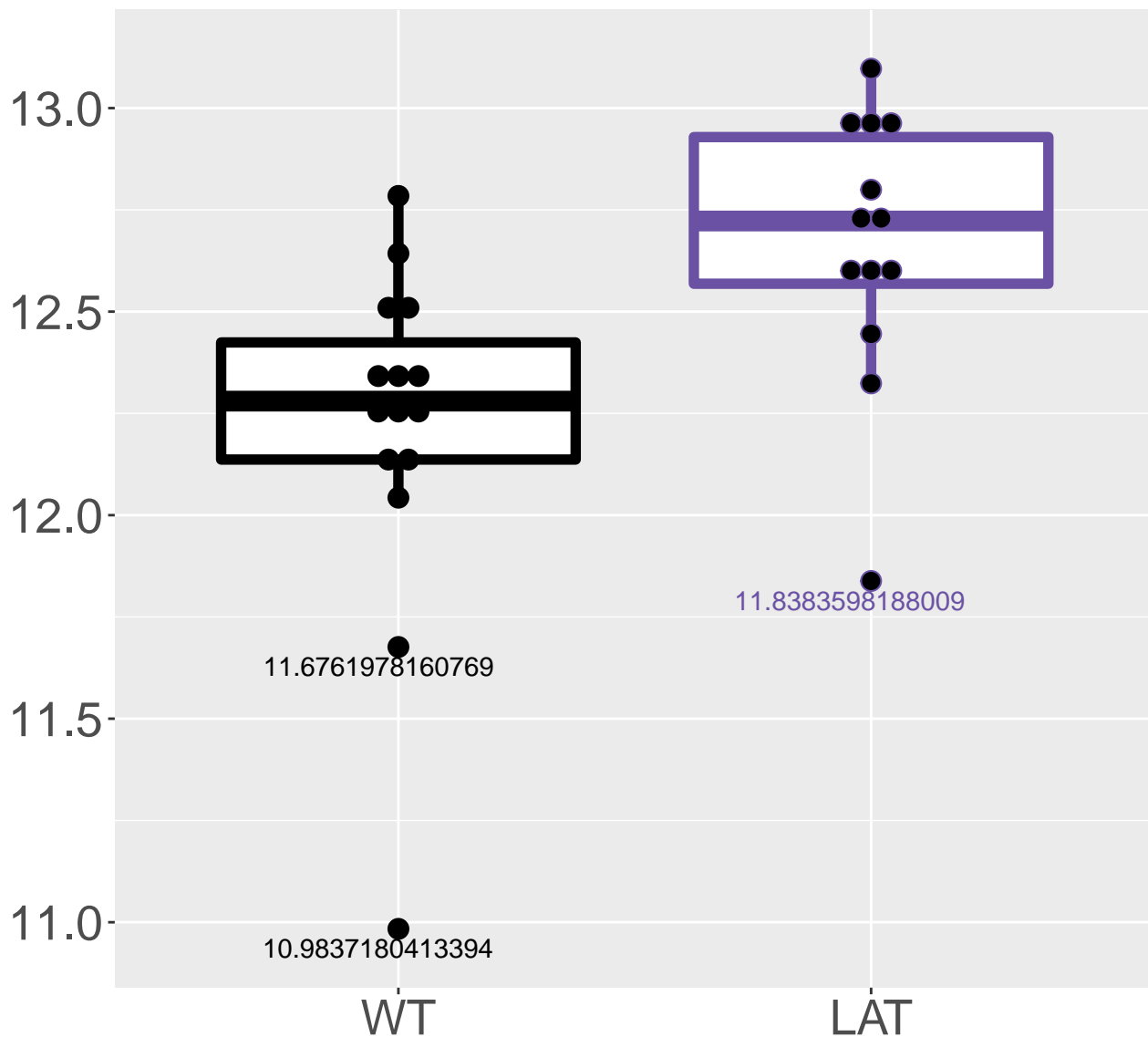
**M462.9902T435.19**  
**FDR = 0.023, FC = 0.36**



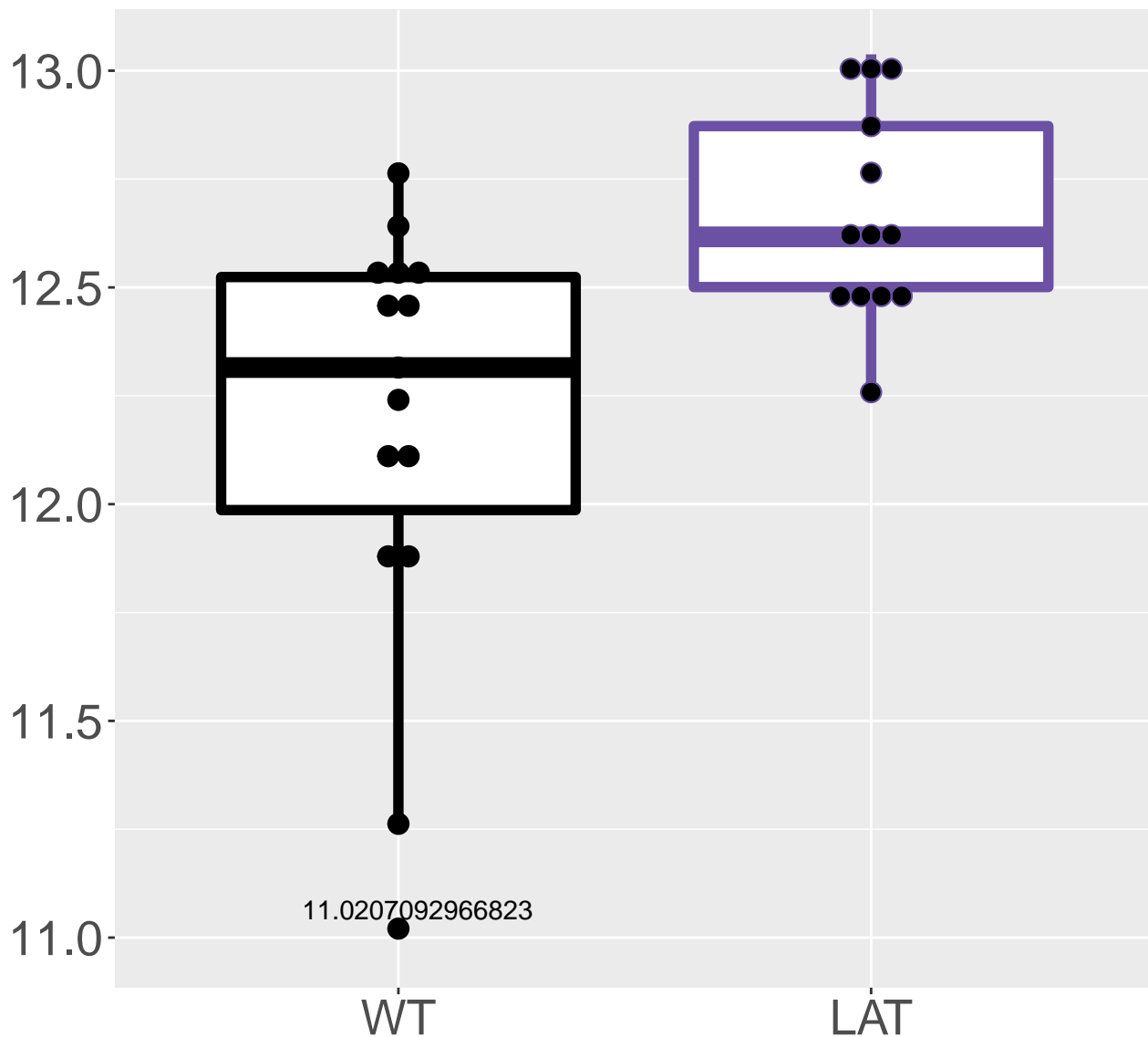
**M117.9739T1028.55\_2**  
**FDR = 0.023, FC = 0.26**



**M416.7649T1028.74**  
**FDR = 0.023, FC = 0.45**

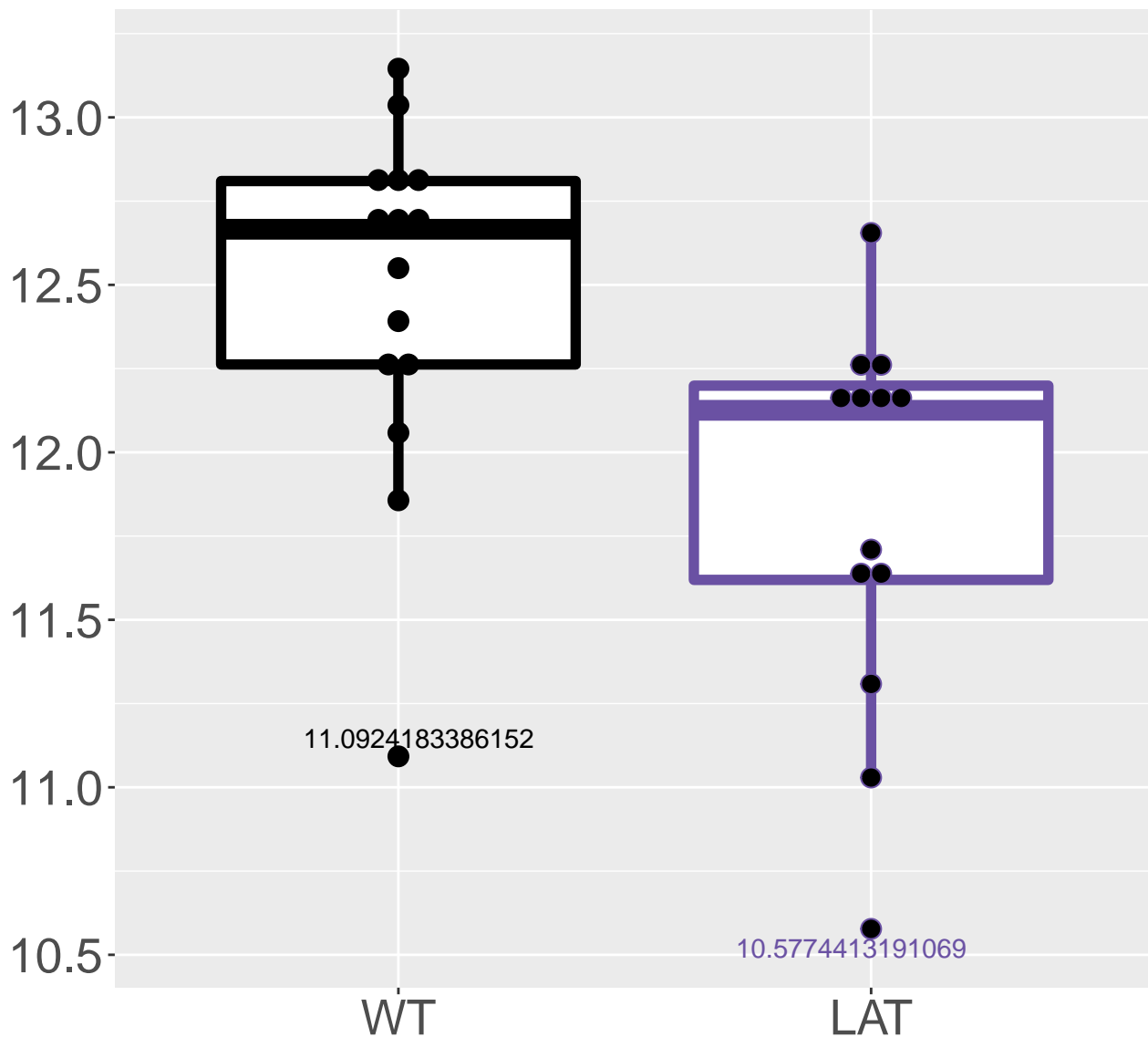


**M346.8866T1027.34**  
**FDR = 0.023, FC = 0.48**



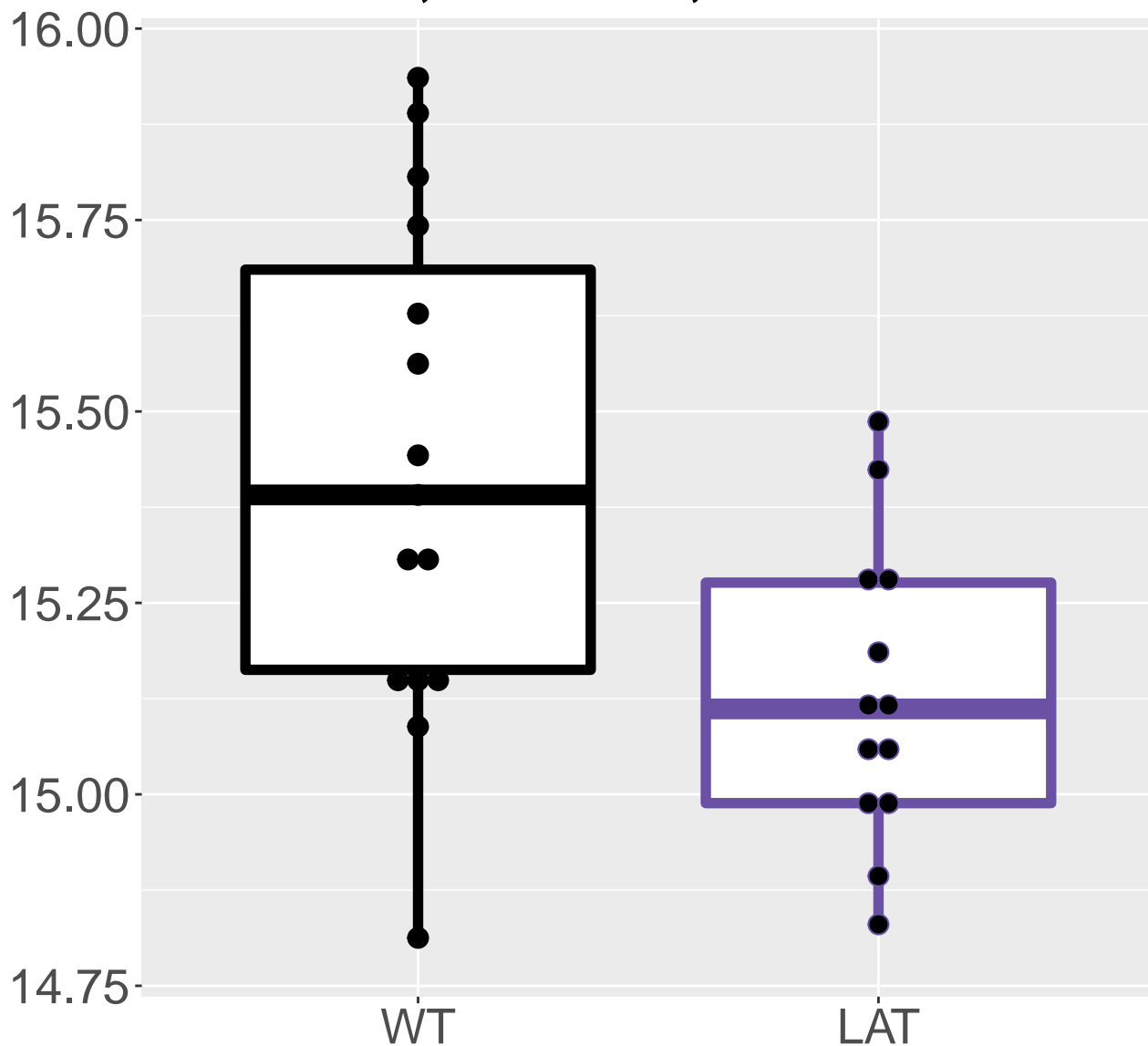
**M475.2395T587.63**

**FDR = 0.023, FC = -0.66**

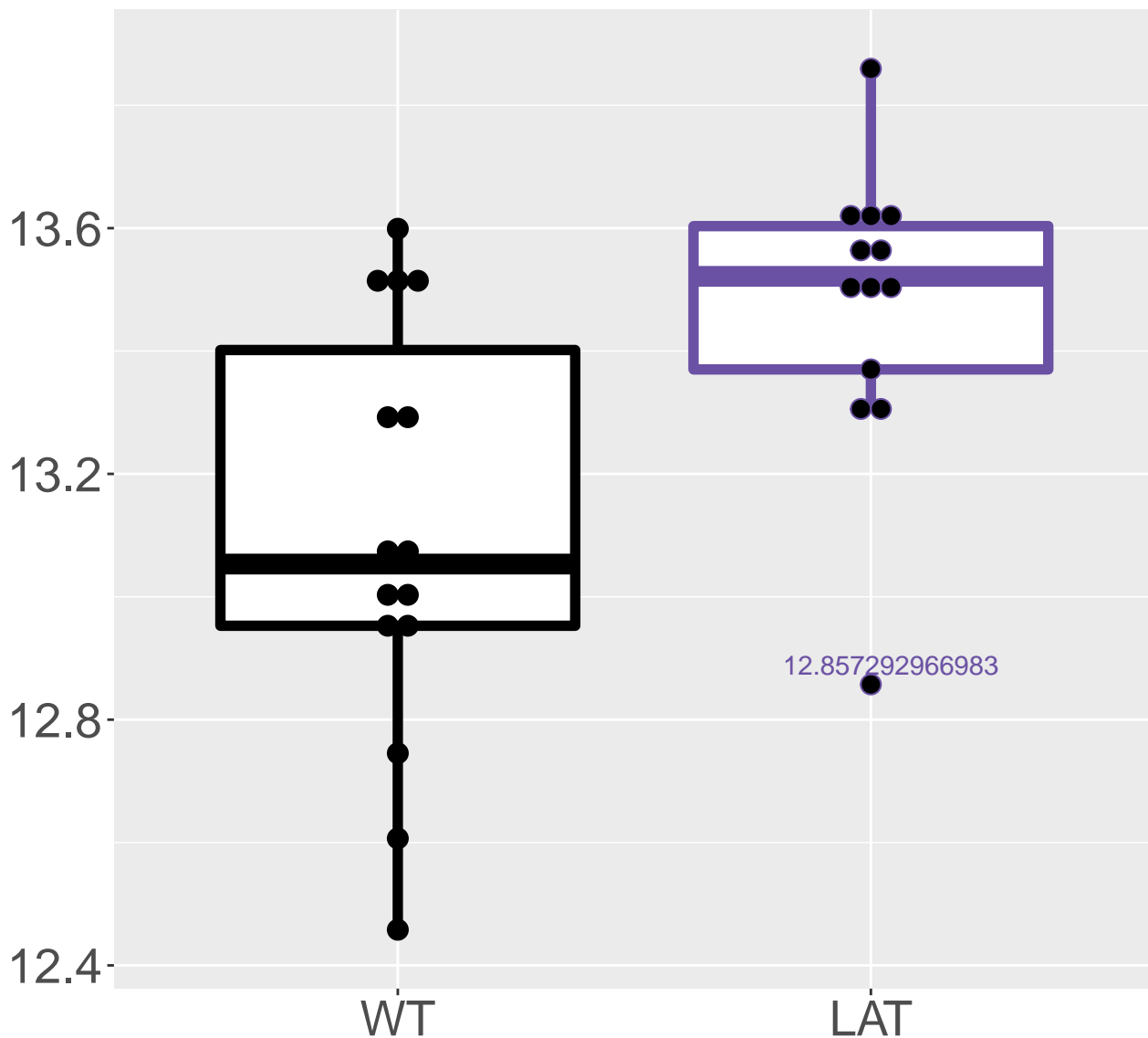


**M466.3085T72.14**

**FDR = 0.023, FC = -0.29, sex\*\***

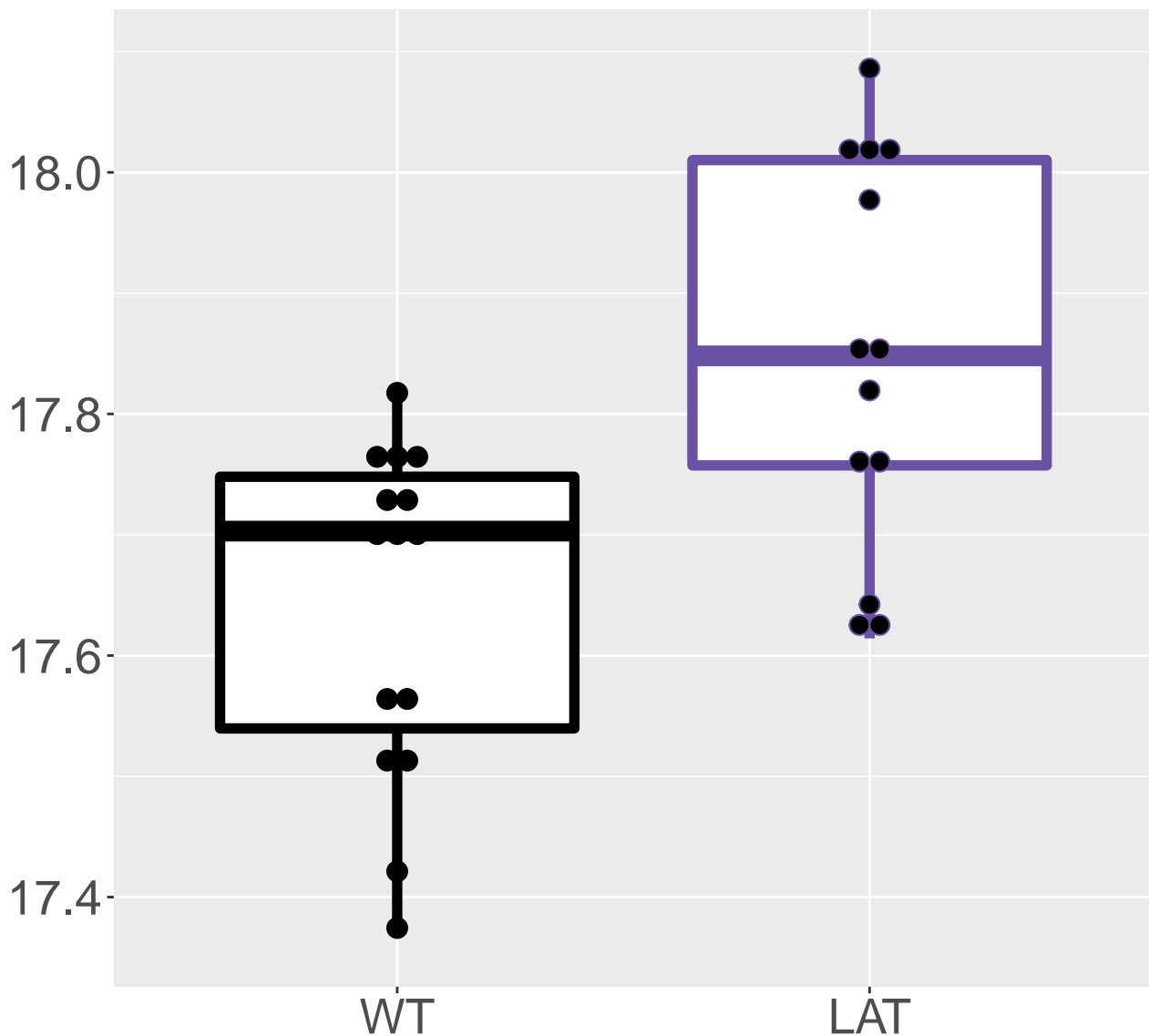


**M236.9385T601.45**  
**FDR = 0.023, FC = 0.37**



**M273.9541T993.6**

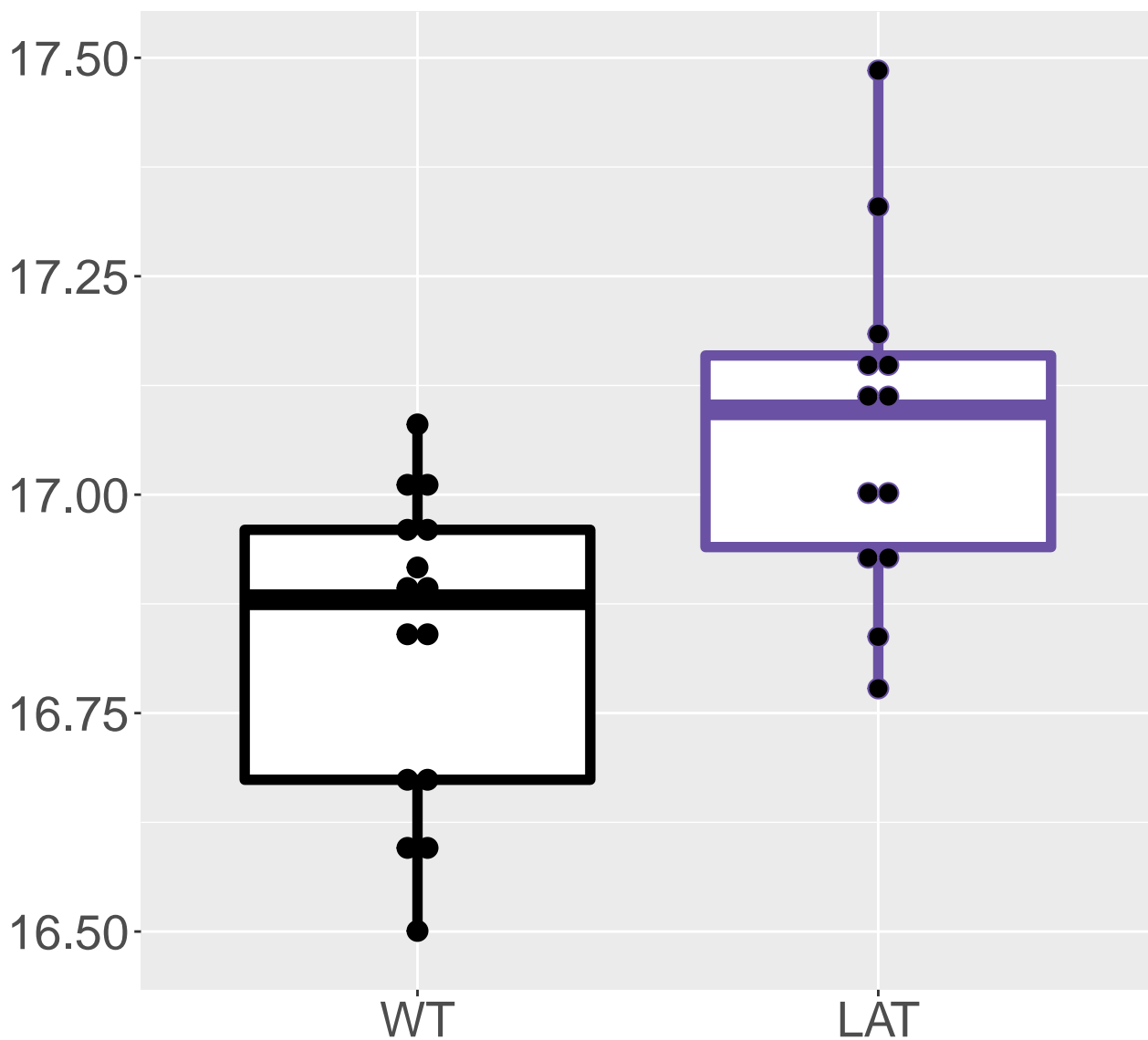
**FDR = 0.024, FC = 0.21**





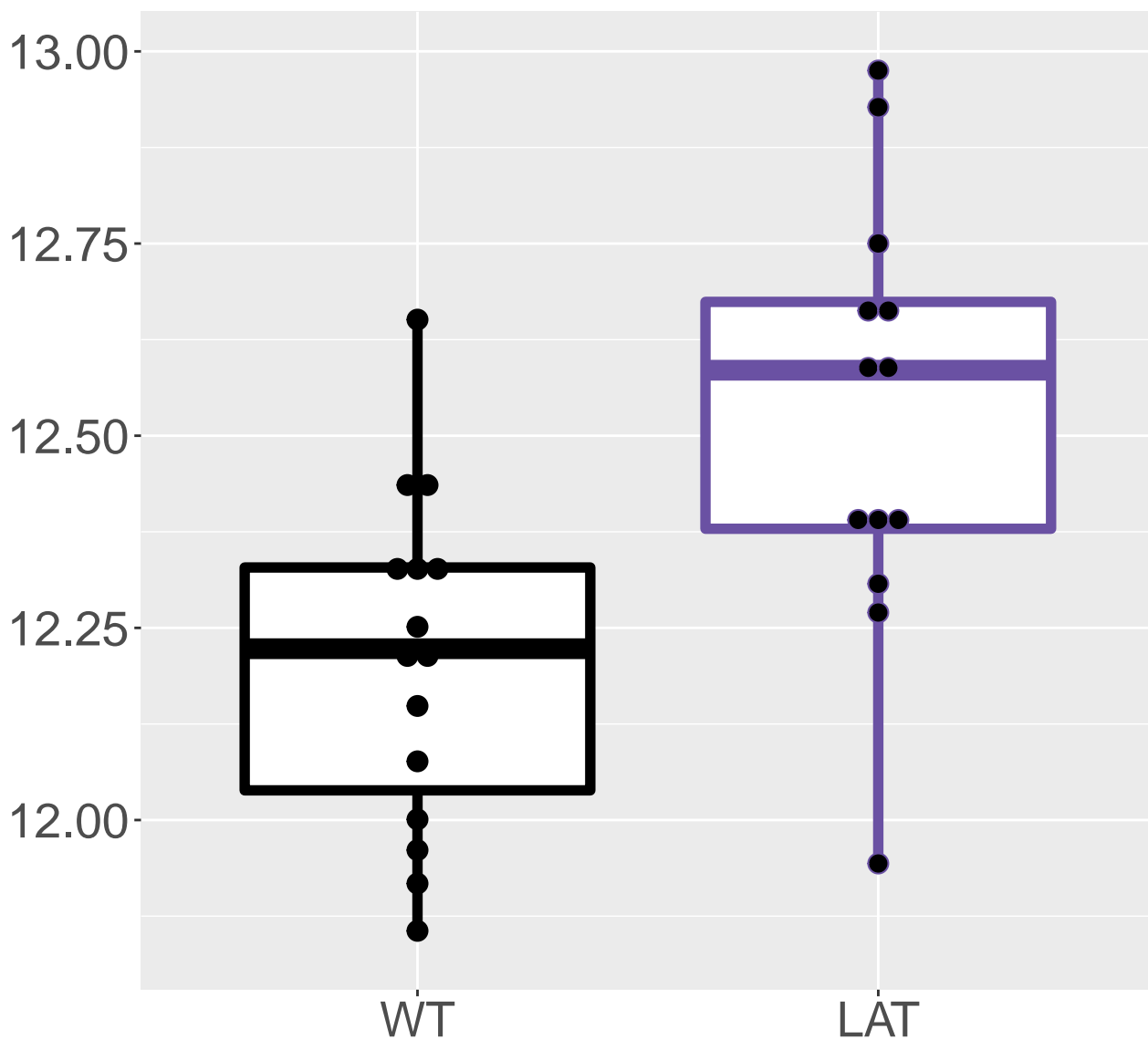
**M247.9883T993.74**

**FDR = 0.024, FC = 0.25**

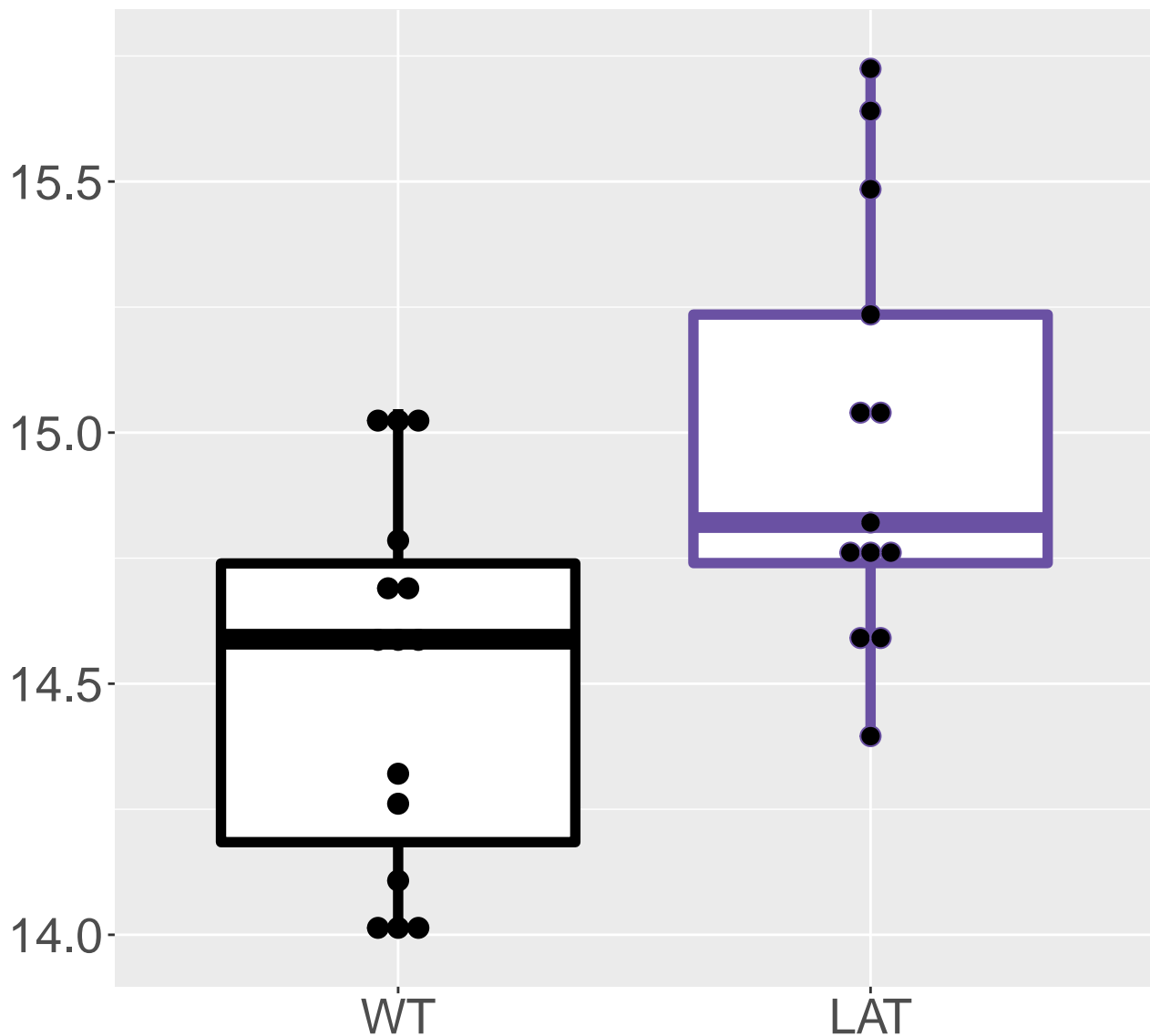


**M267.9177T1020.48**

**FDR = 0.024, FC = 0.32**

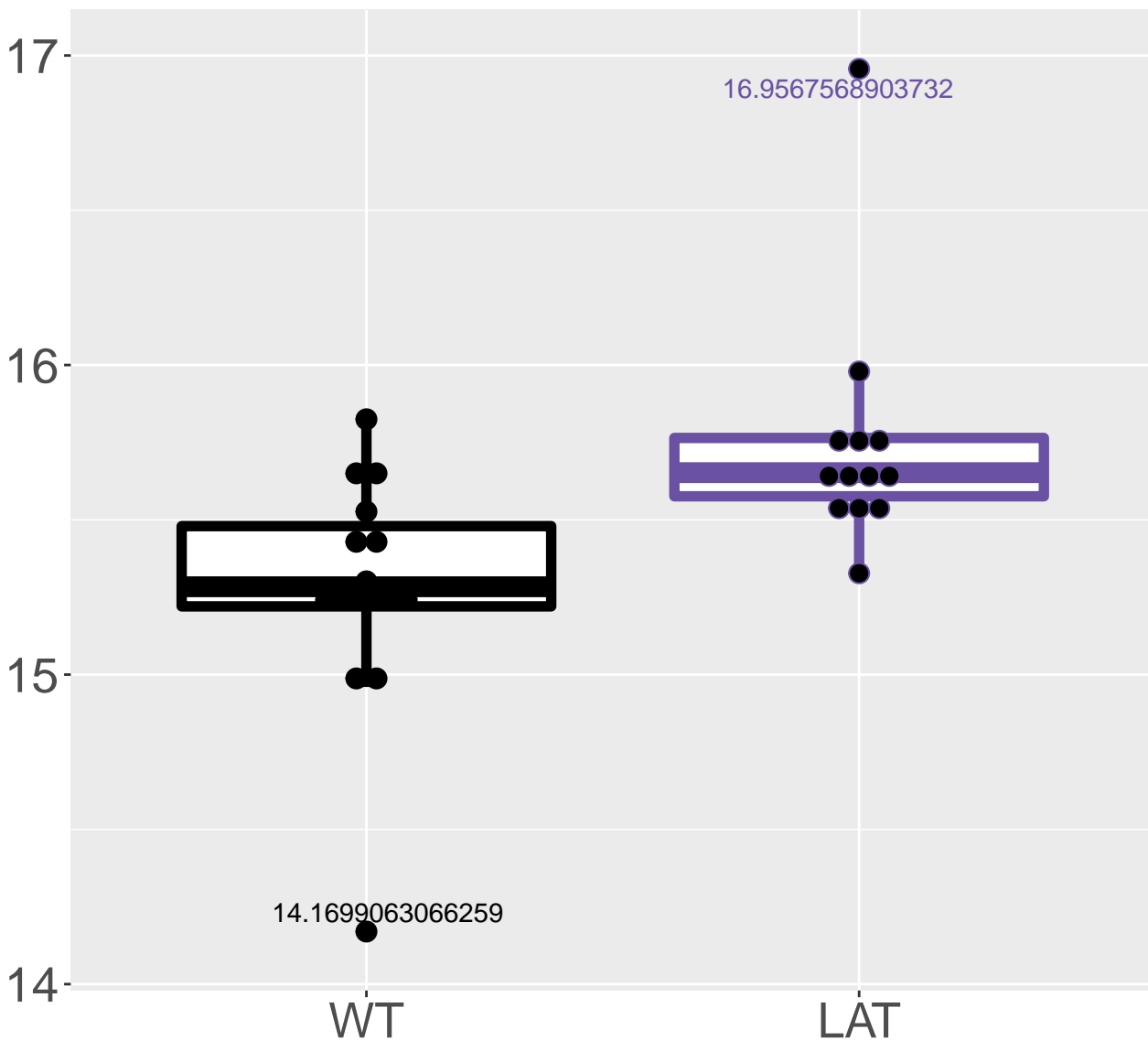


**M294.8911T603.29**  
**FDR = 0.024, FC = 0.47**



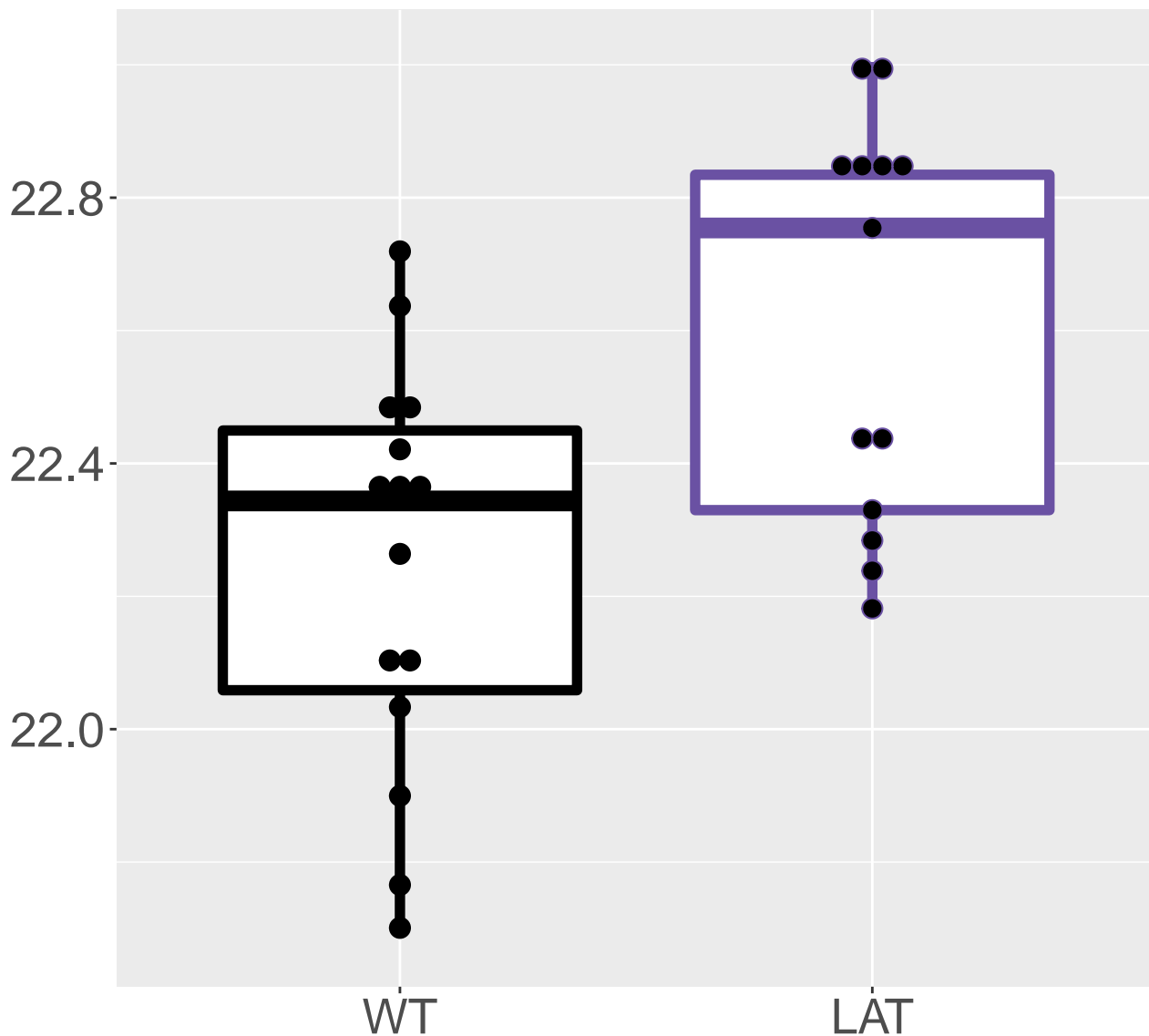
**M278.0212T607.89**

**FDR = 0.025, FC = 0.47**

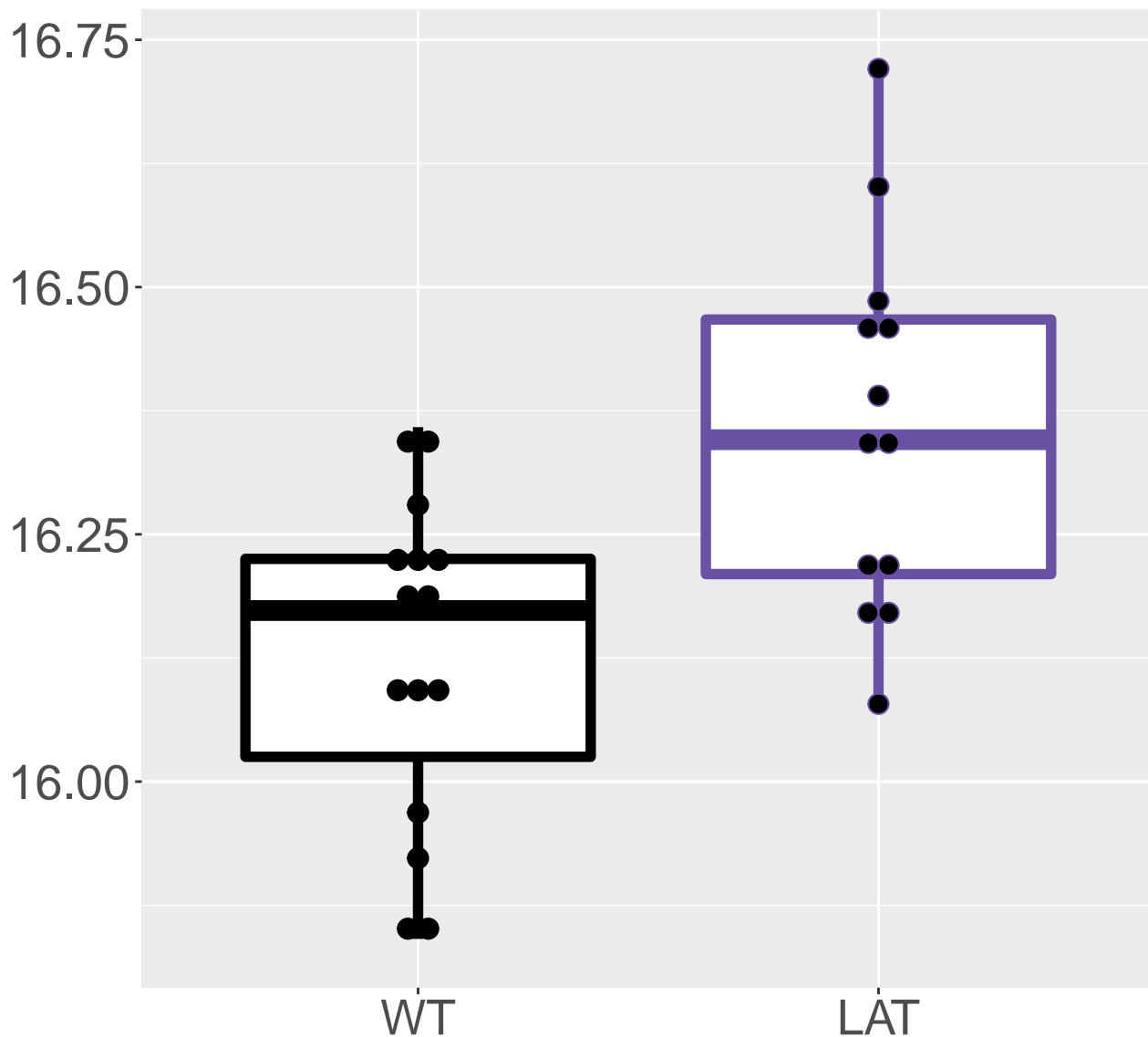


**Allantoin**

**FDR = 0.025, FC = 0.37**

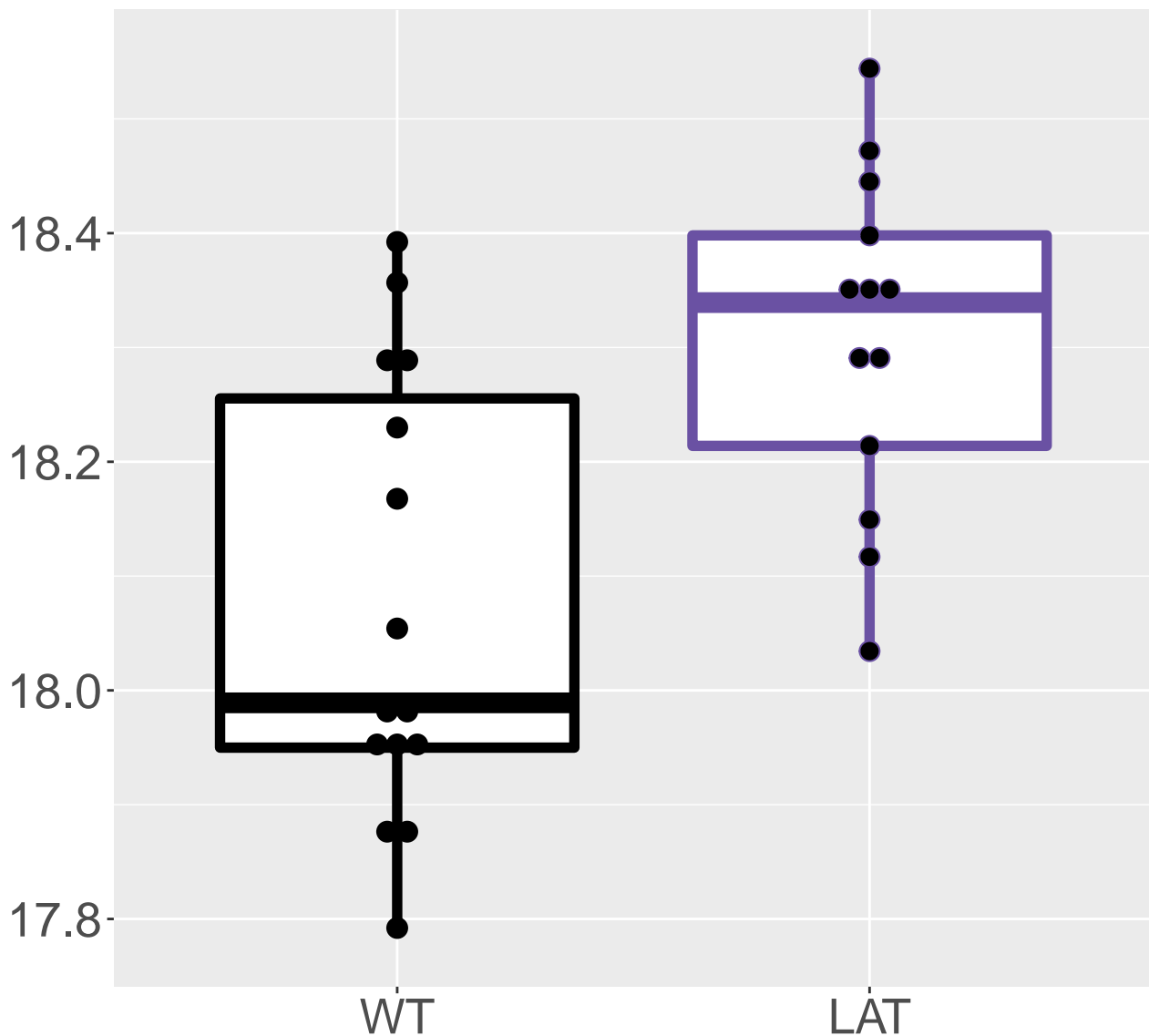


**M204.9823T993.88**  
**FDR = 0.025, FC = 0.23**

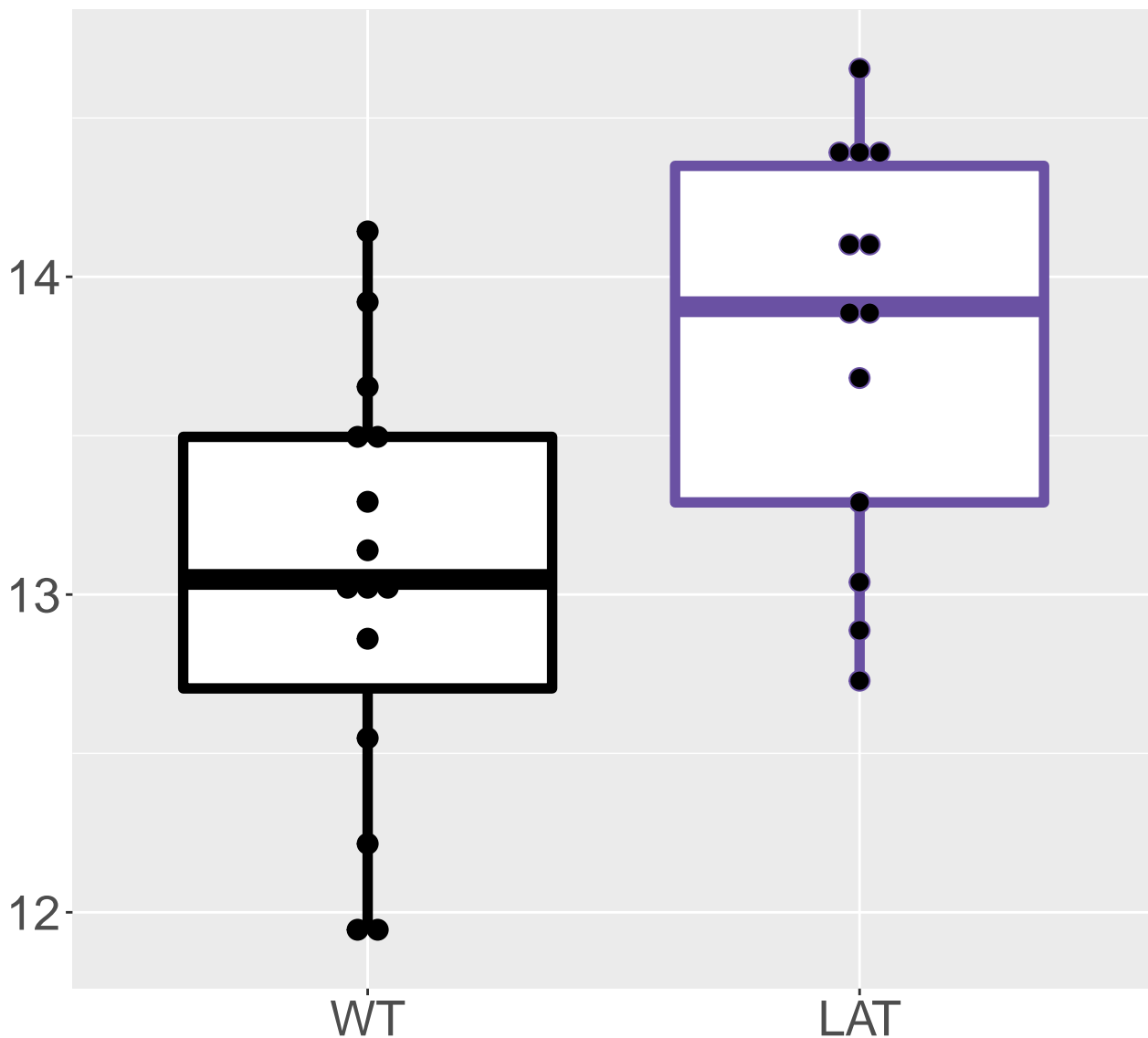


**M333.939T993.65**

**FDR = 0.025, FC = 0.23**



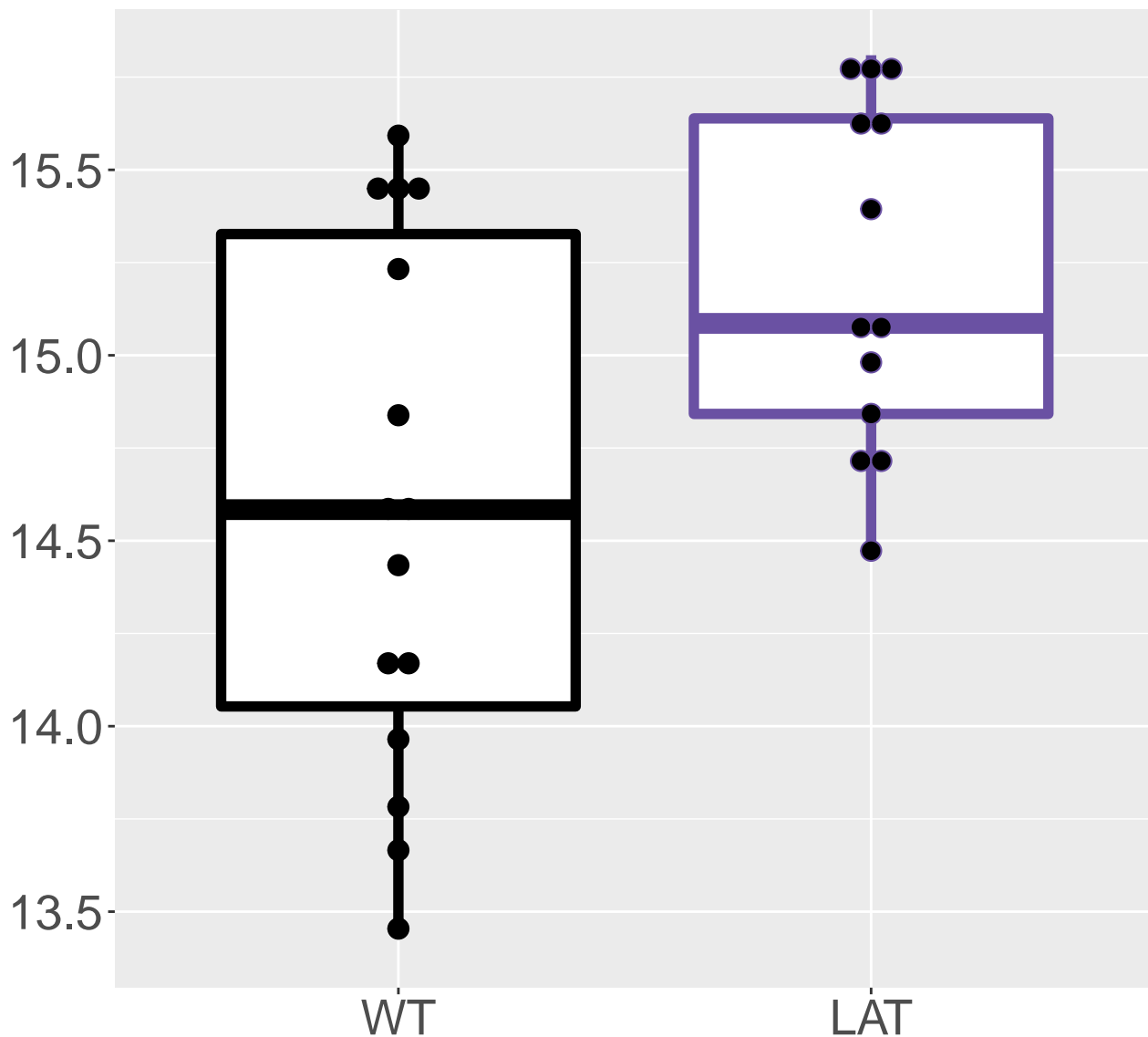
**M128.5038T555.81\_1**  
**FDR = 0.025, FC = 0.76**



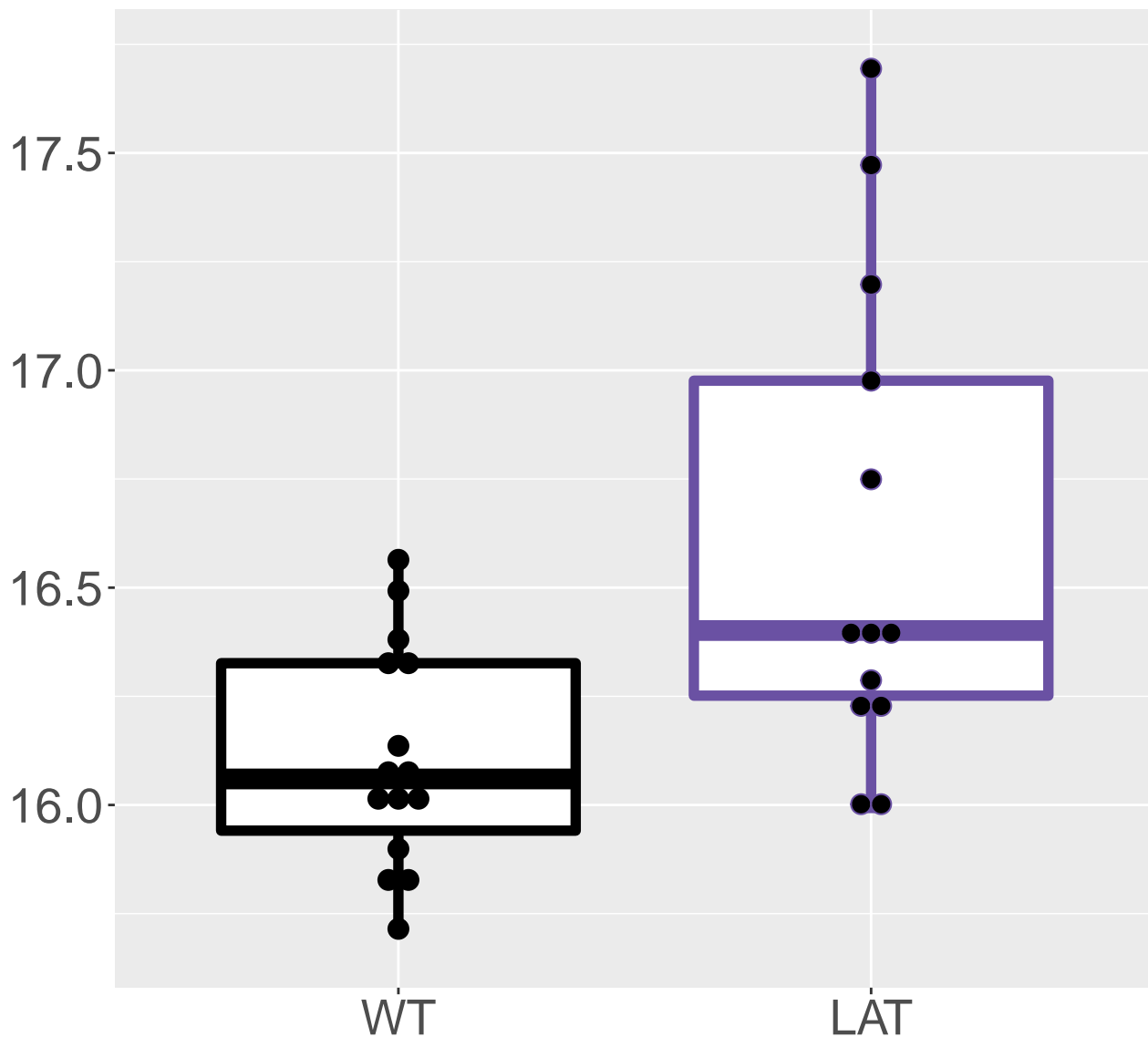


**M317.0285T535.99**

**FDR = 0.025, FC = 0.63, sex\*\***

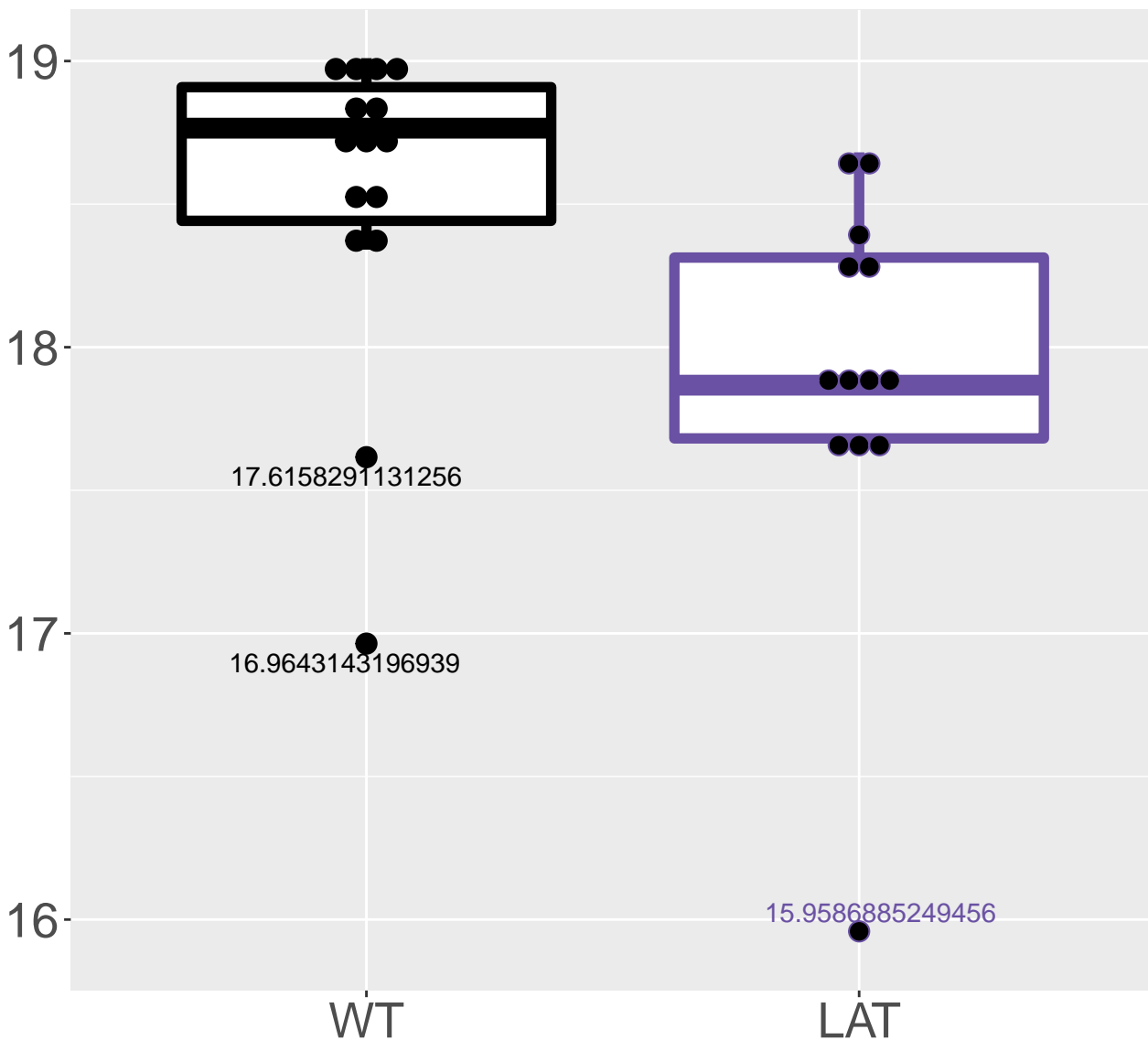


**M267.0726T486.53**  
**FDR = 0.025, FC = 0.5**

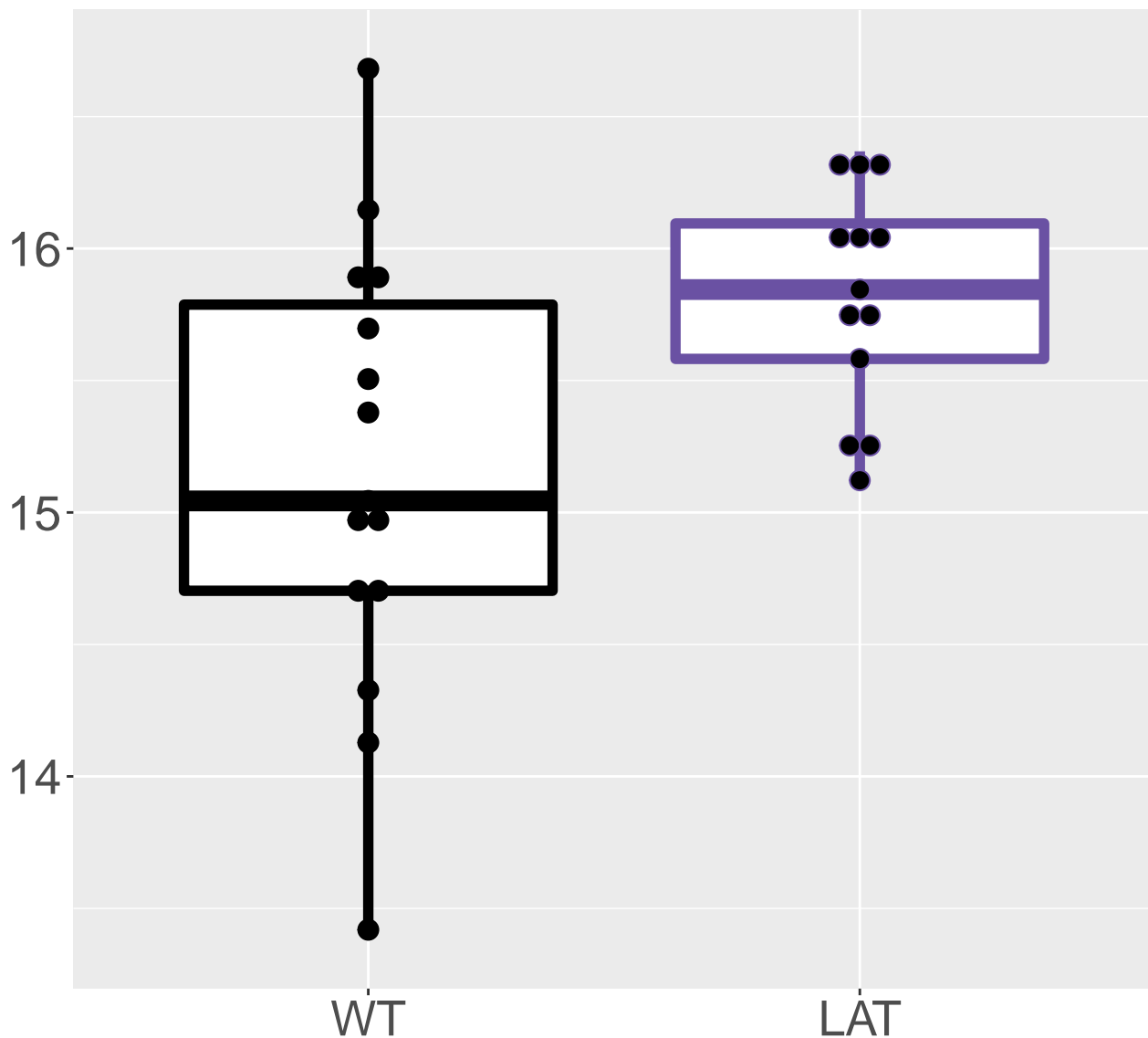


**M885.5506T74.12**

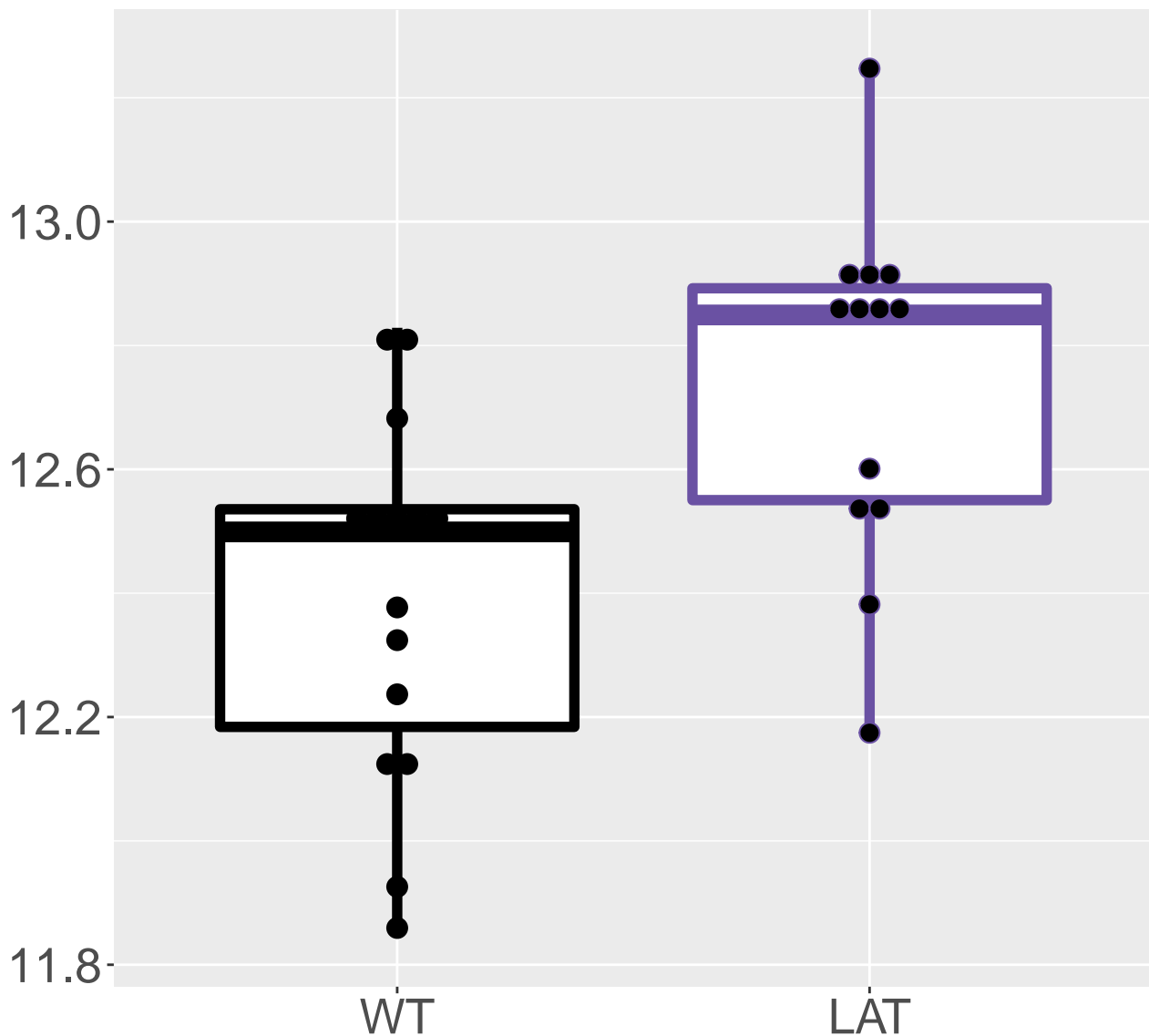
**FDR = 0.025, FC = -0.65, sex\*\***



4-Hydroxybenzoic acid|3-Hydroxybenzoic acid  
FDR = 0.025, FC = 0.65, sex\*

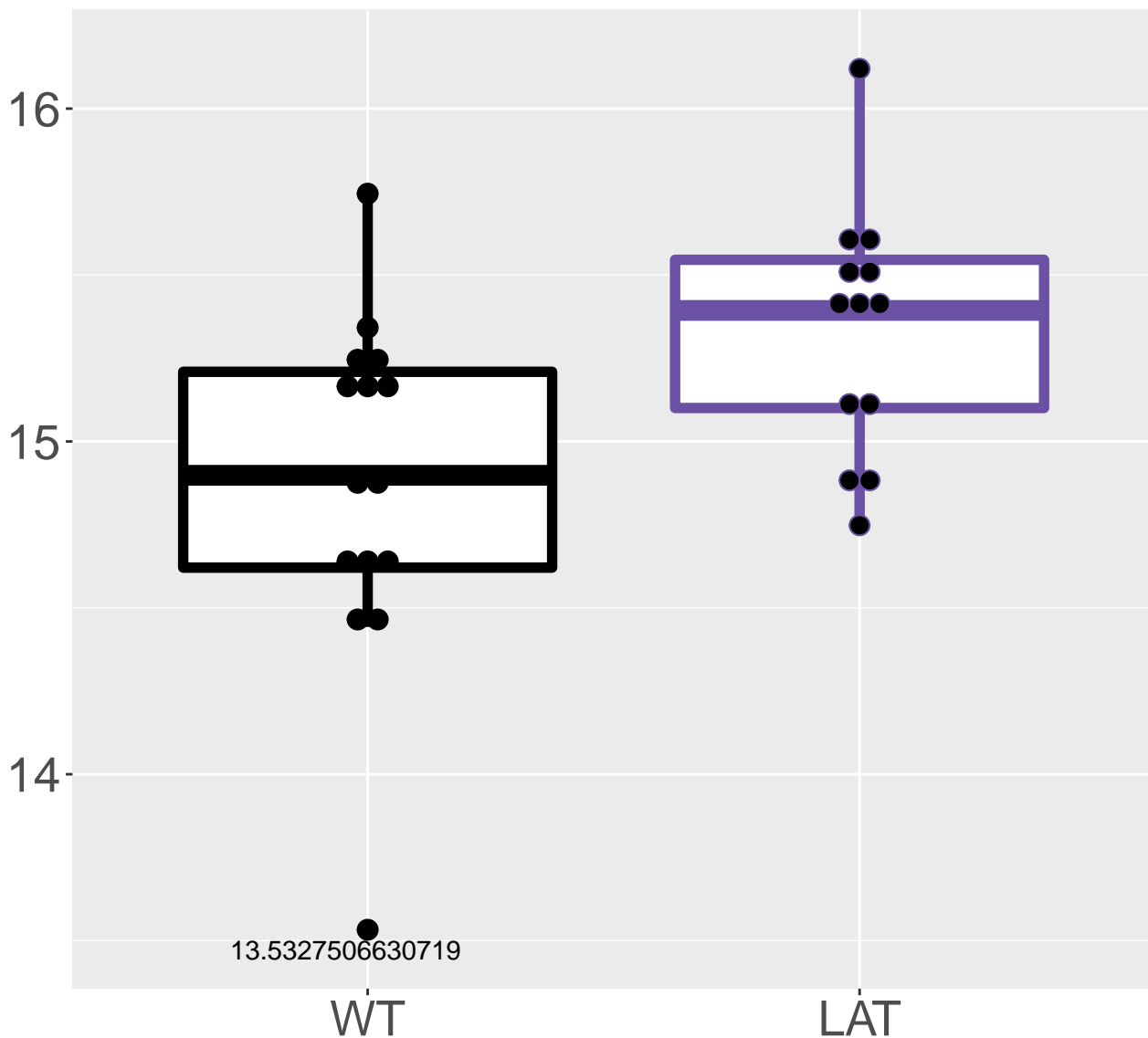


**M421.8045T1028.63**  
**FDR = 0.025, FC = 0.35**

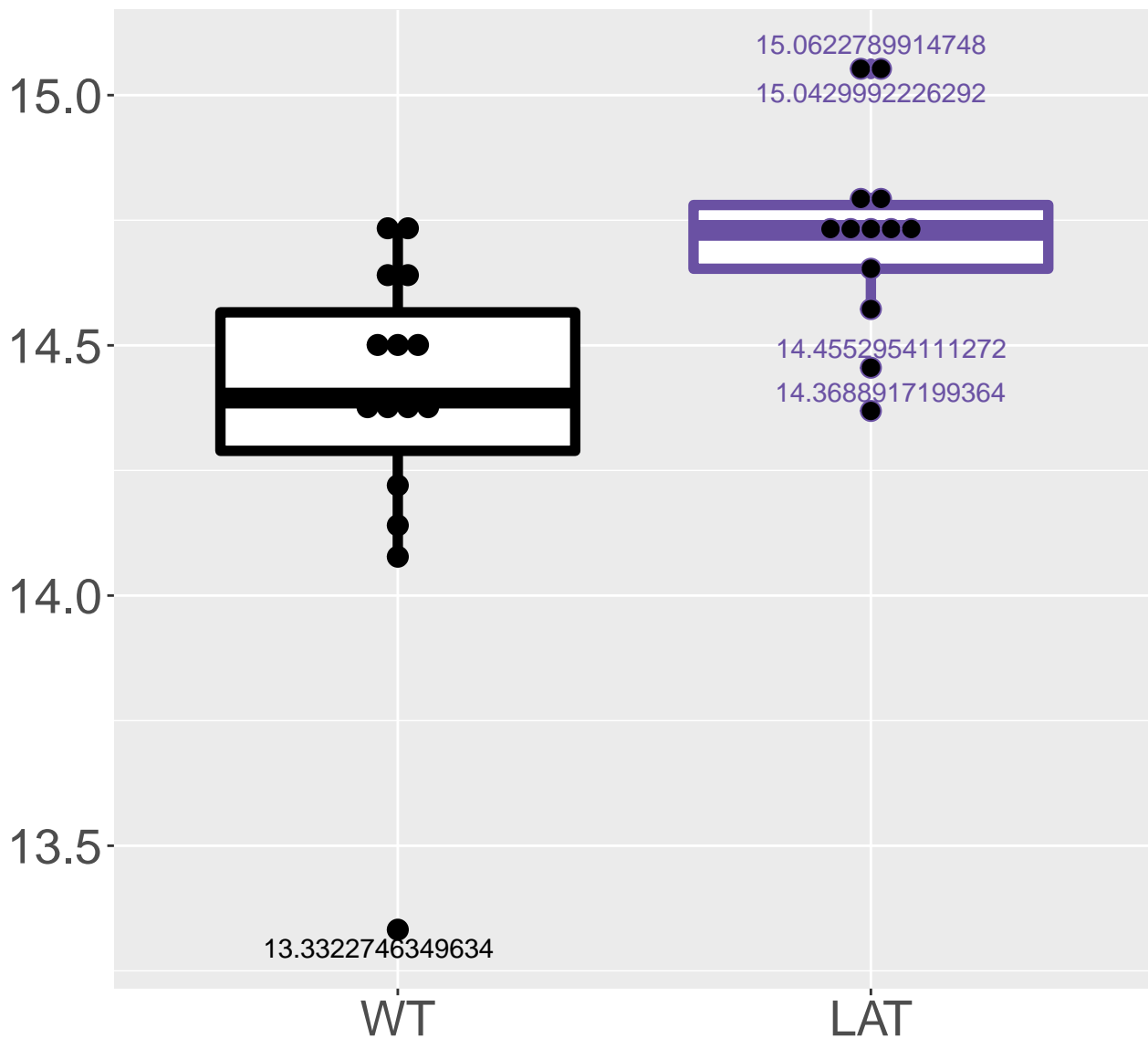


**M136.0406T159.22**

**FDR = 0.025, FC = 0.45**

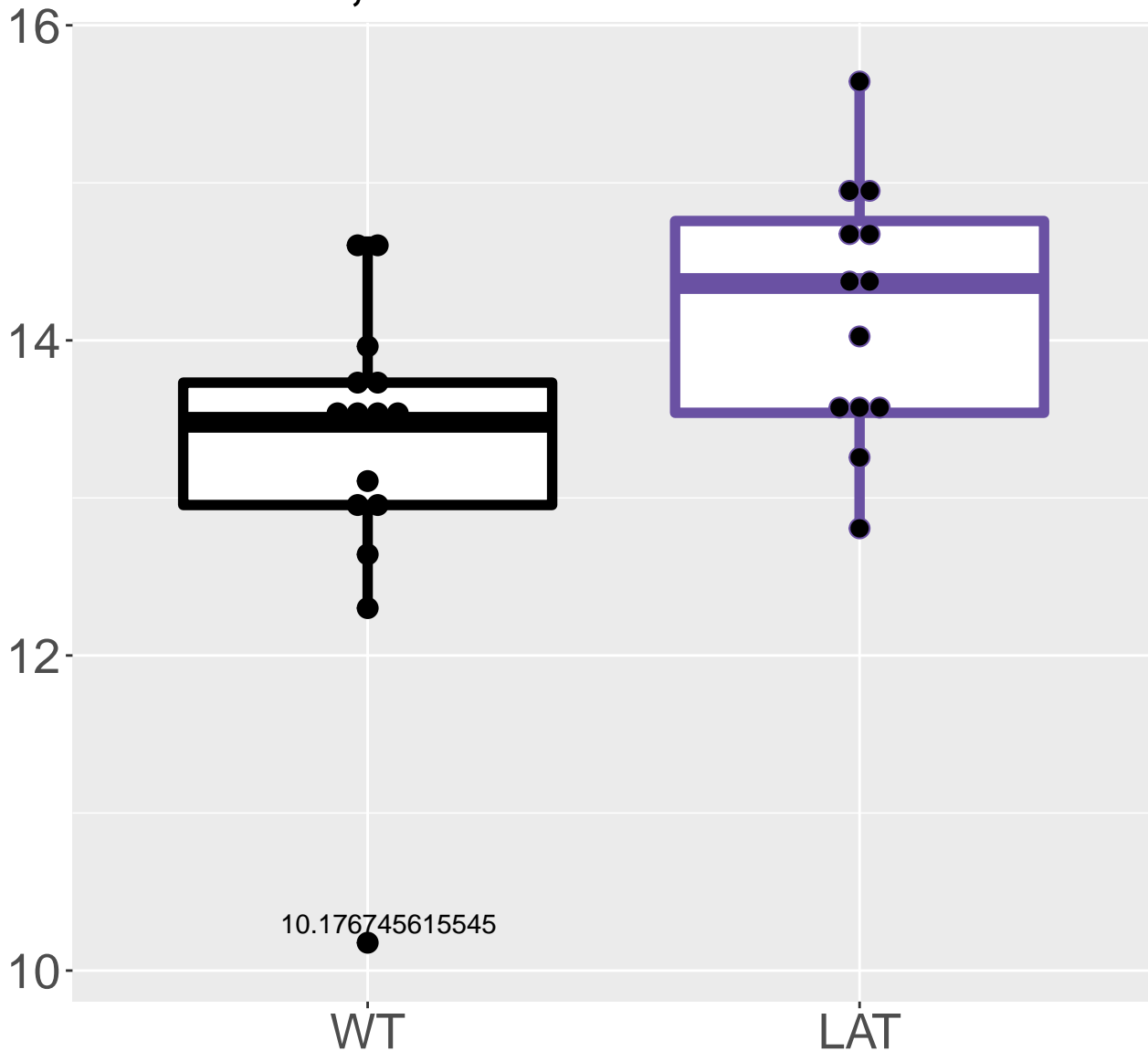


**M360.7984T1028.51**  
**FDR = 0.026, FC = 0.35**



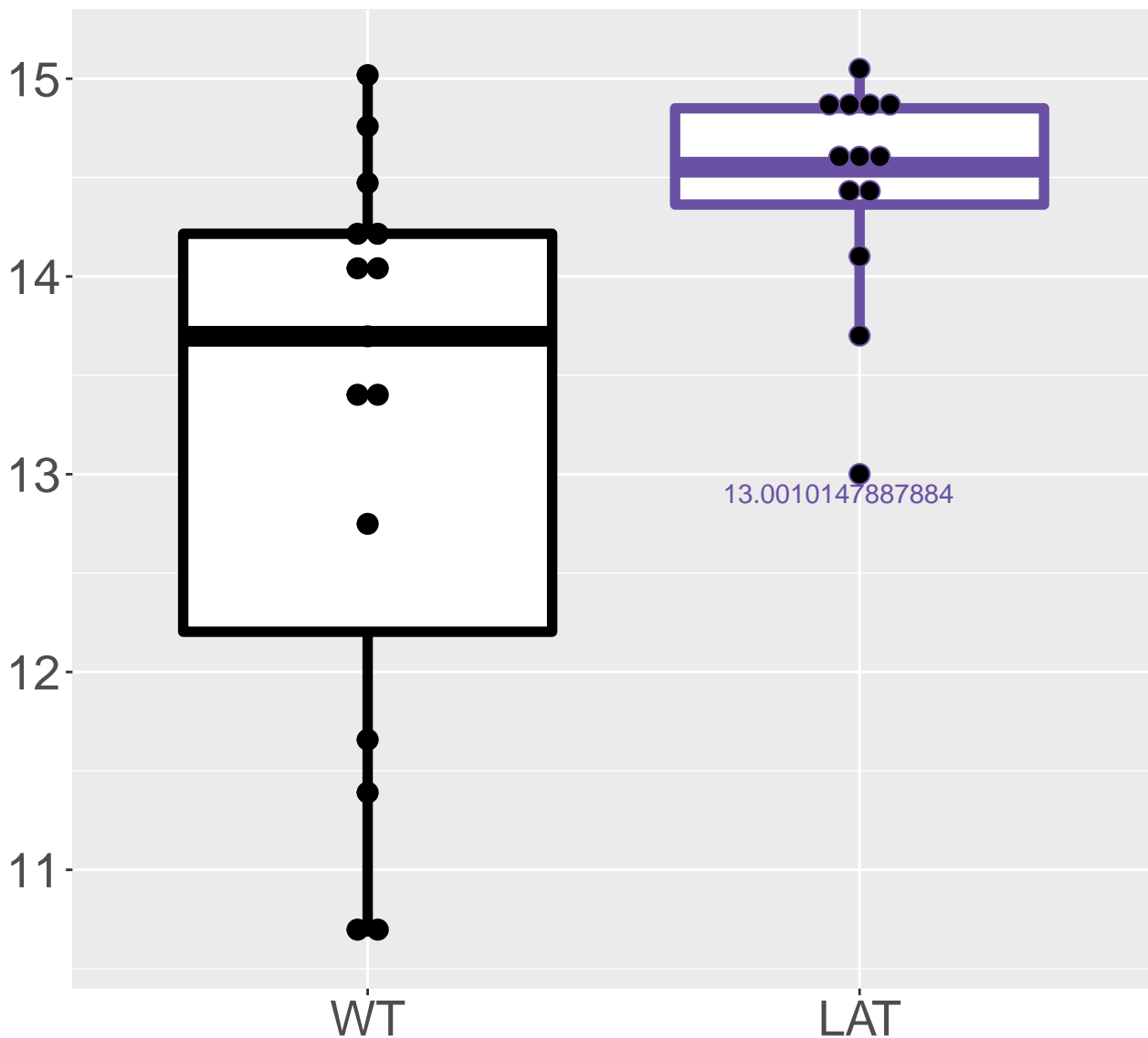
**M94.5055T523.29**

**FDR = 0.026, FC = 0.93**

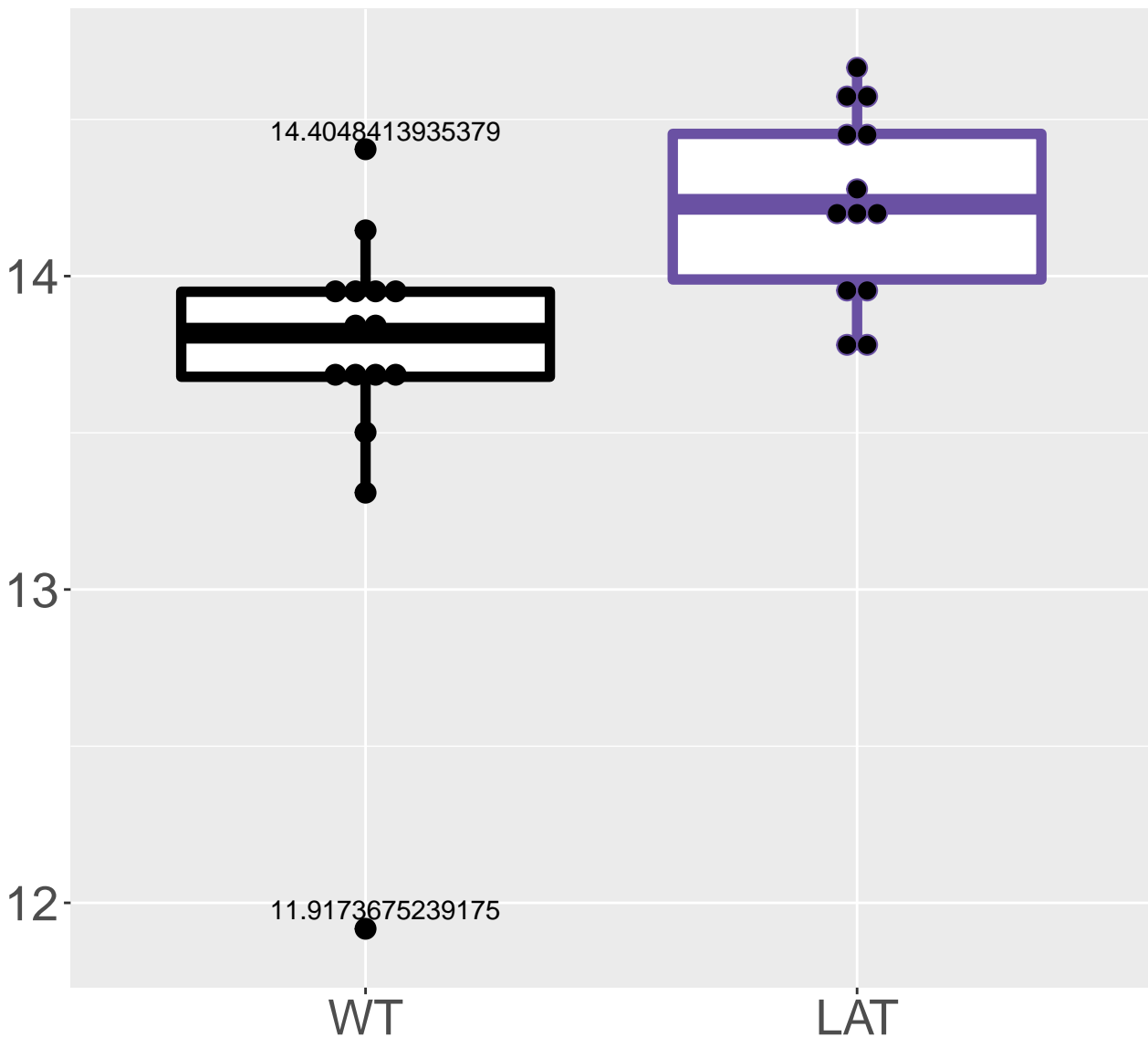




**M189.0772T338.47**  
**FDR = 0.026, FC = 1.2**

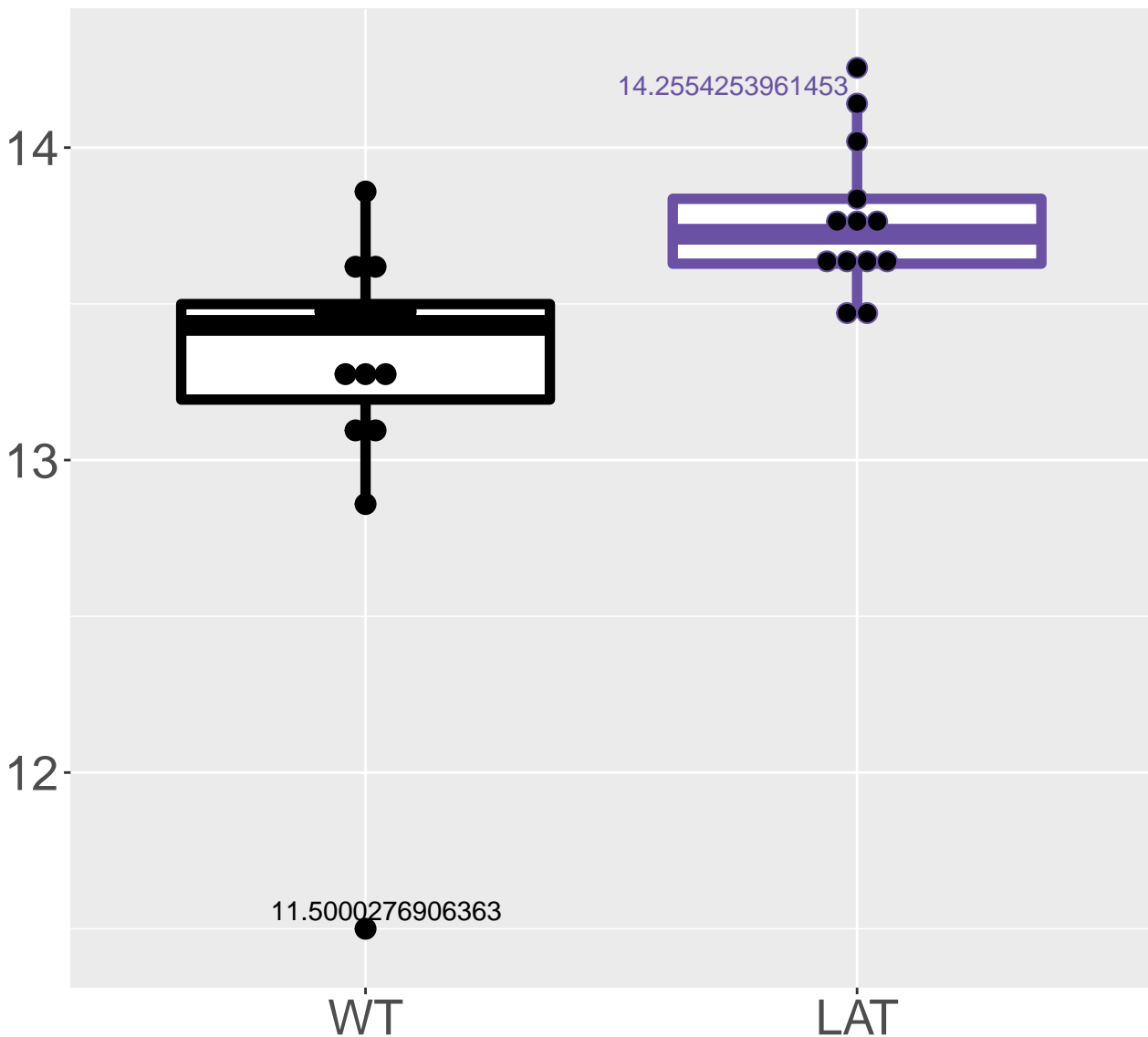


**M382.8182T1022.62**  
**FDR = 0.026, FC = 0.53**



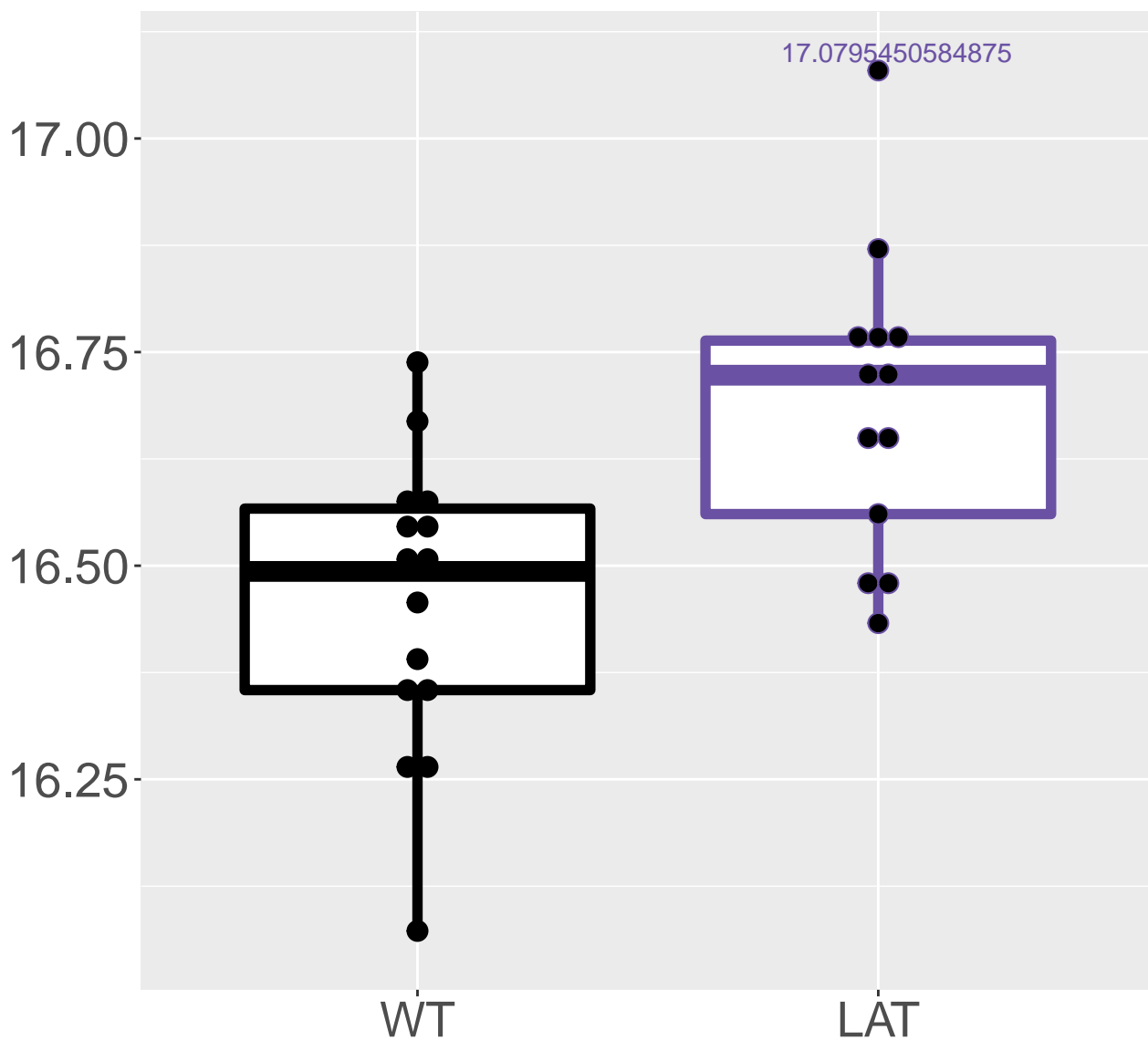
**M314.9137T1220.68**

**FDR = 0.026, FC = 0.51**

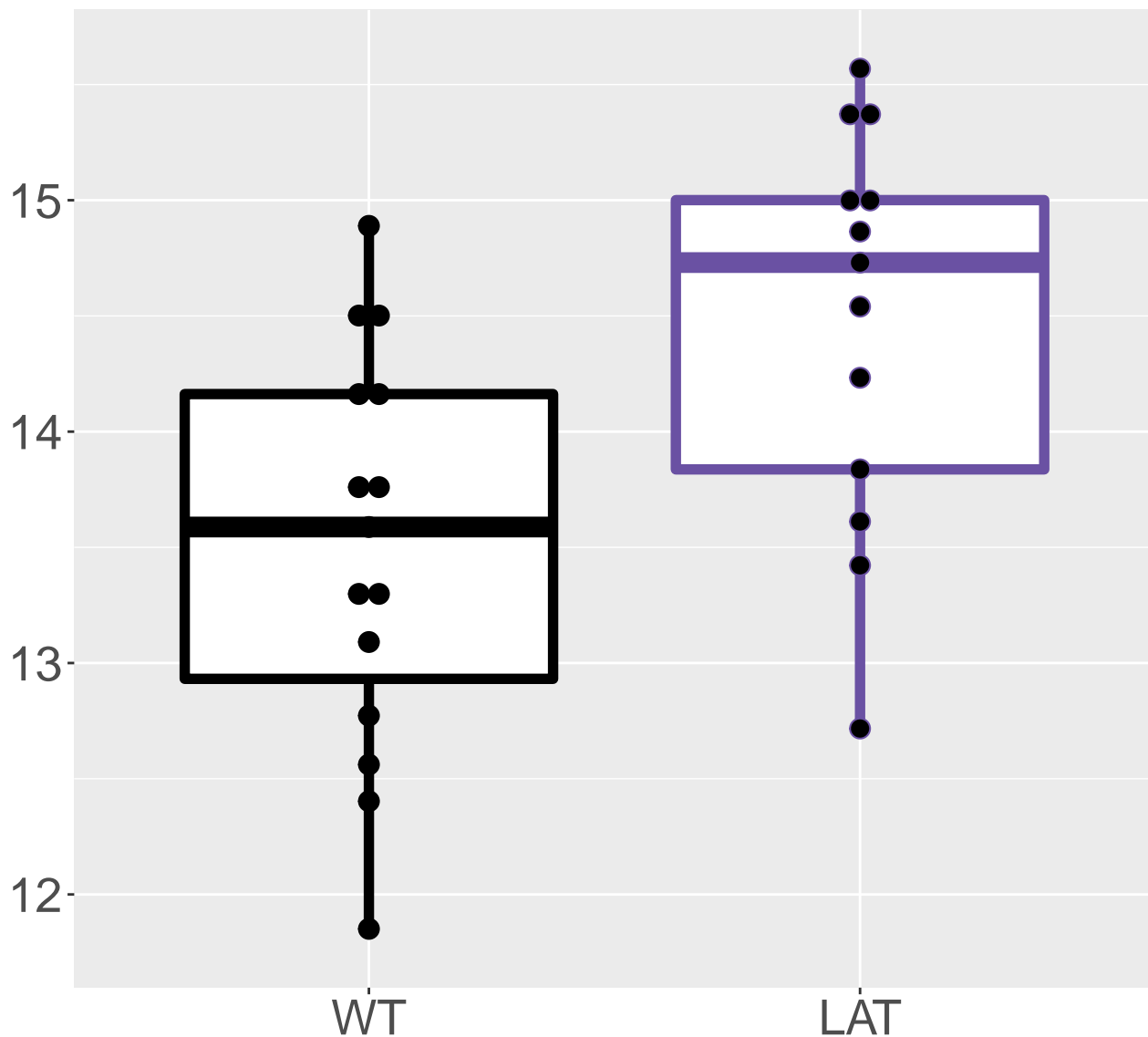


**M161.9764T993.88**

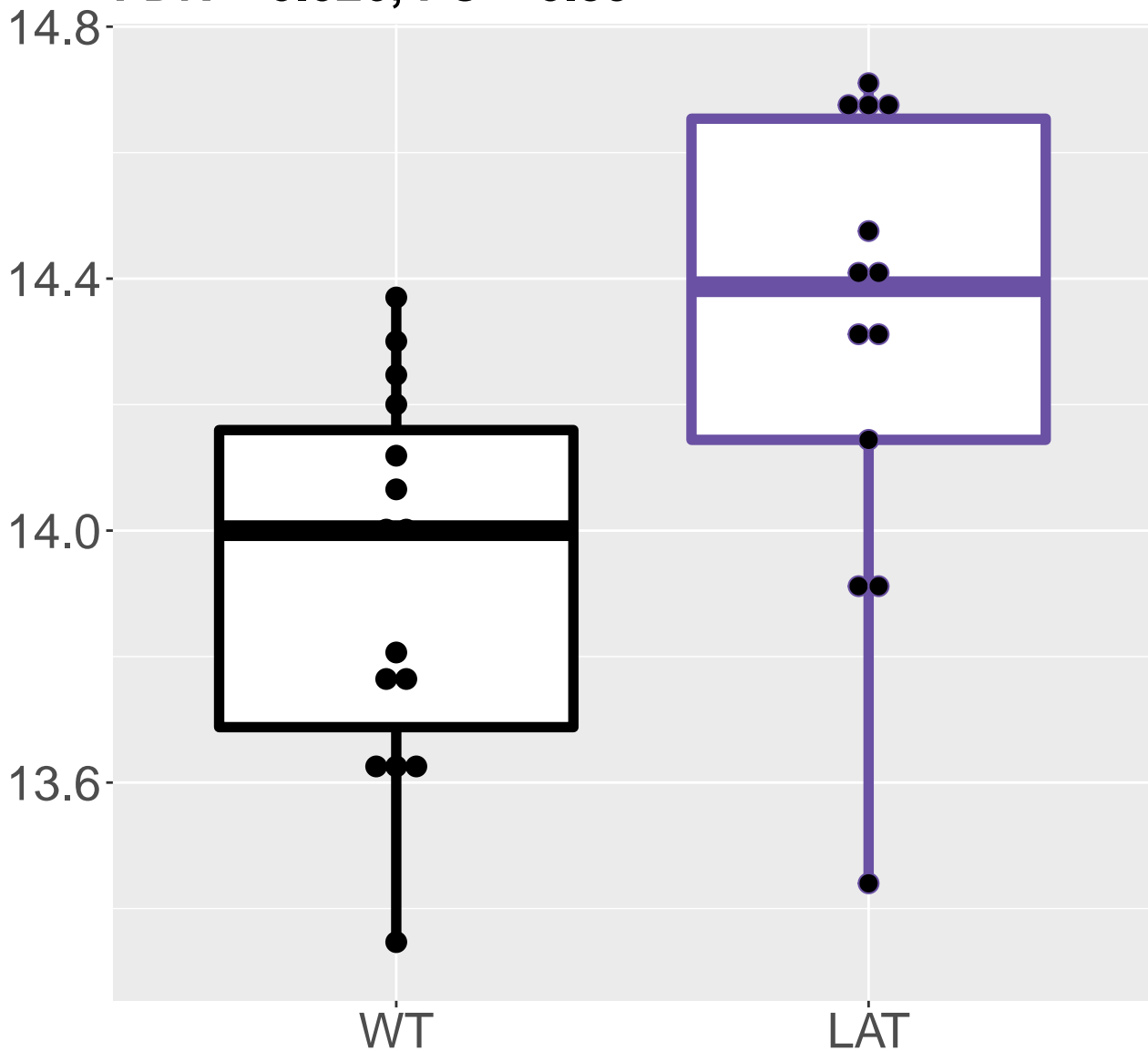
**FDR = 0.026, FC = 0.23**



**M130.8217T555.69\_4**  
**FDR = 0.026, FC = 0.98**

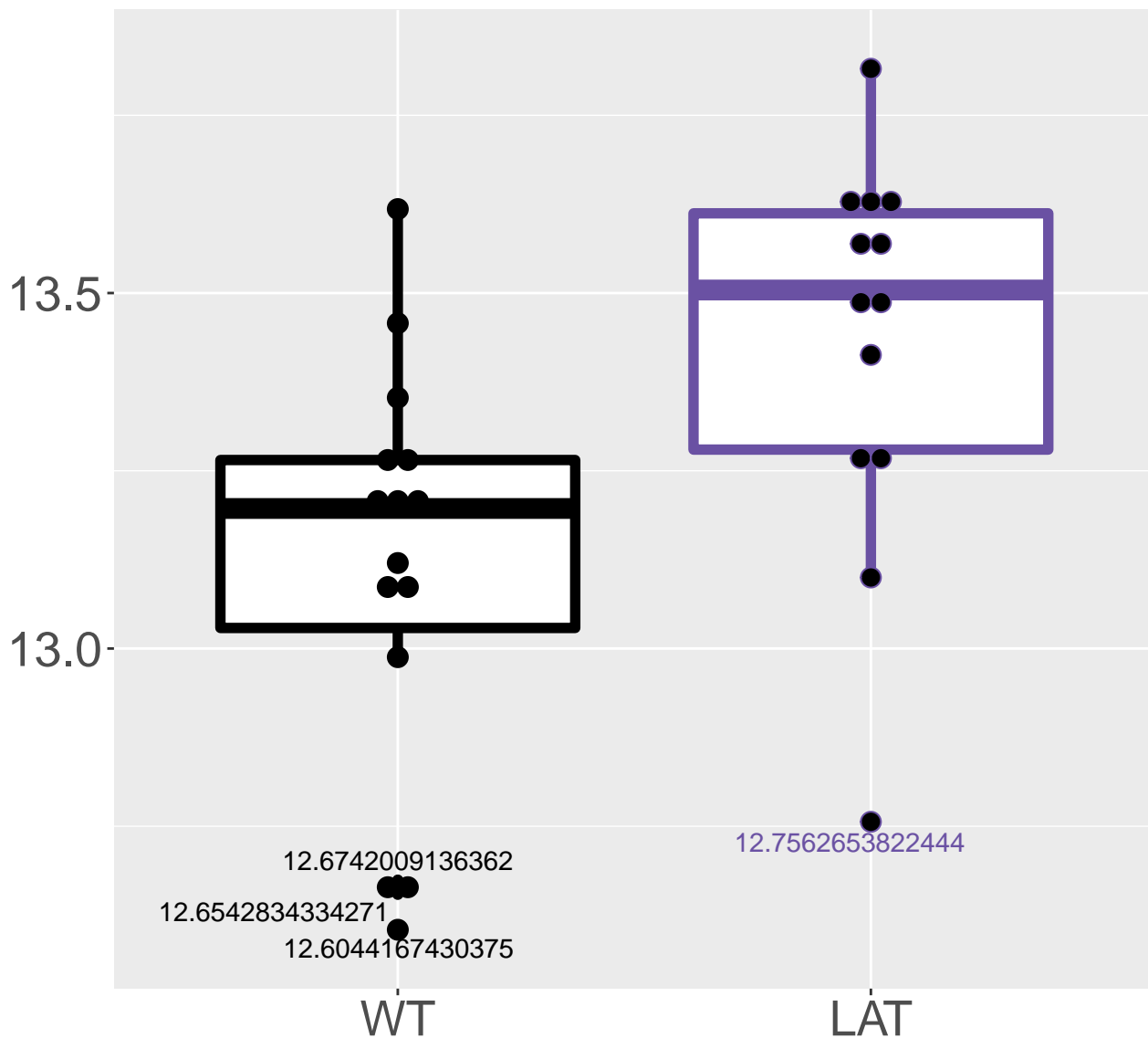


**M86.5169T518.76**  
**FDR = 0.026, FC = 0.39**



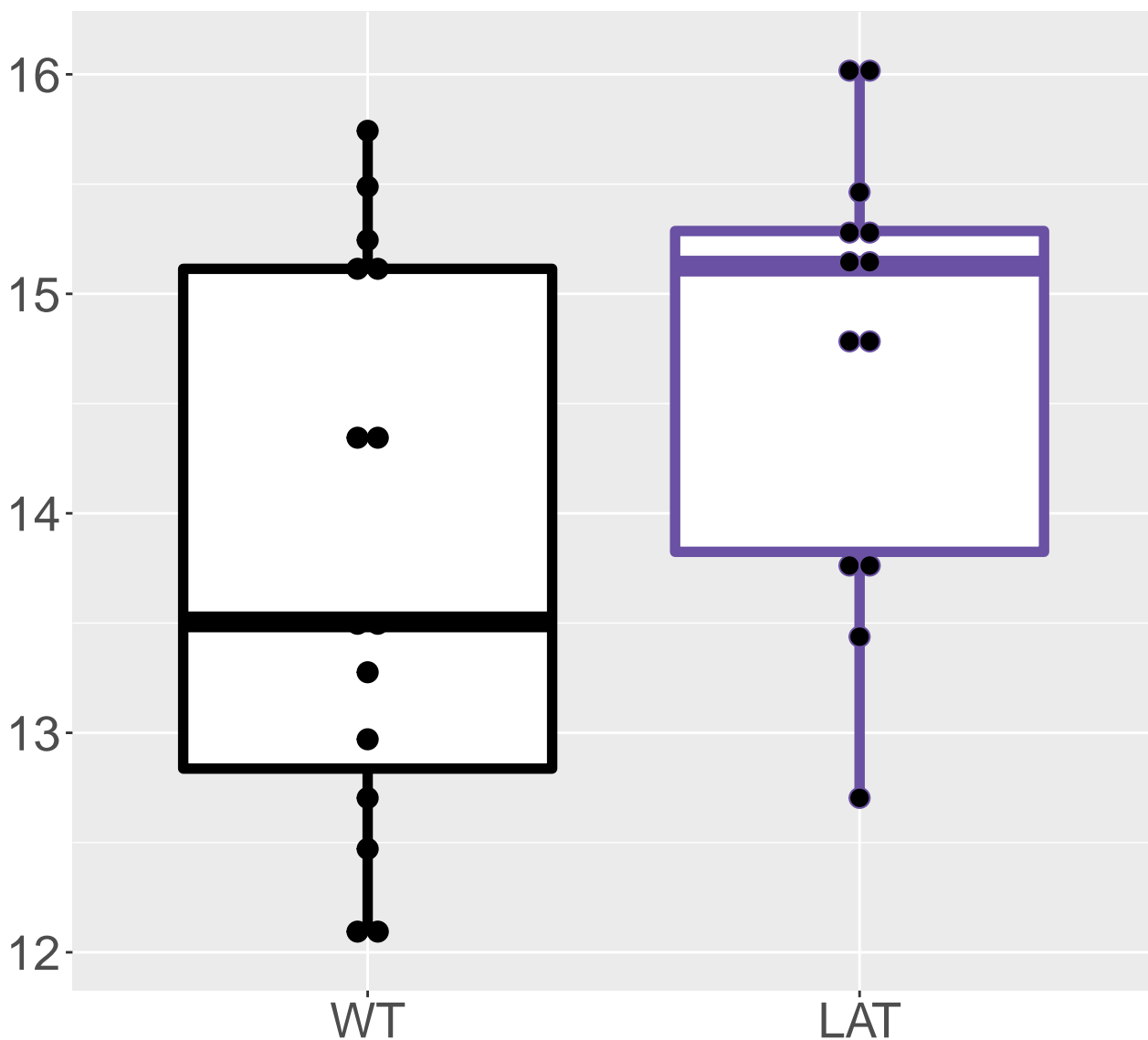
**M240.858T1029.86**

**FDR = 0.026, FC = 0.31, sex\***



**M293.0787T350.8**

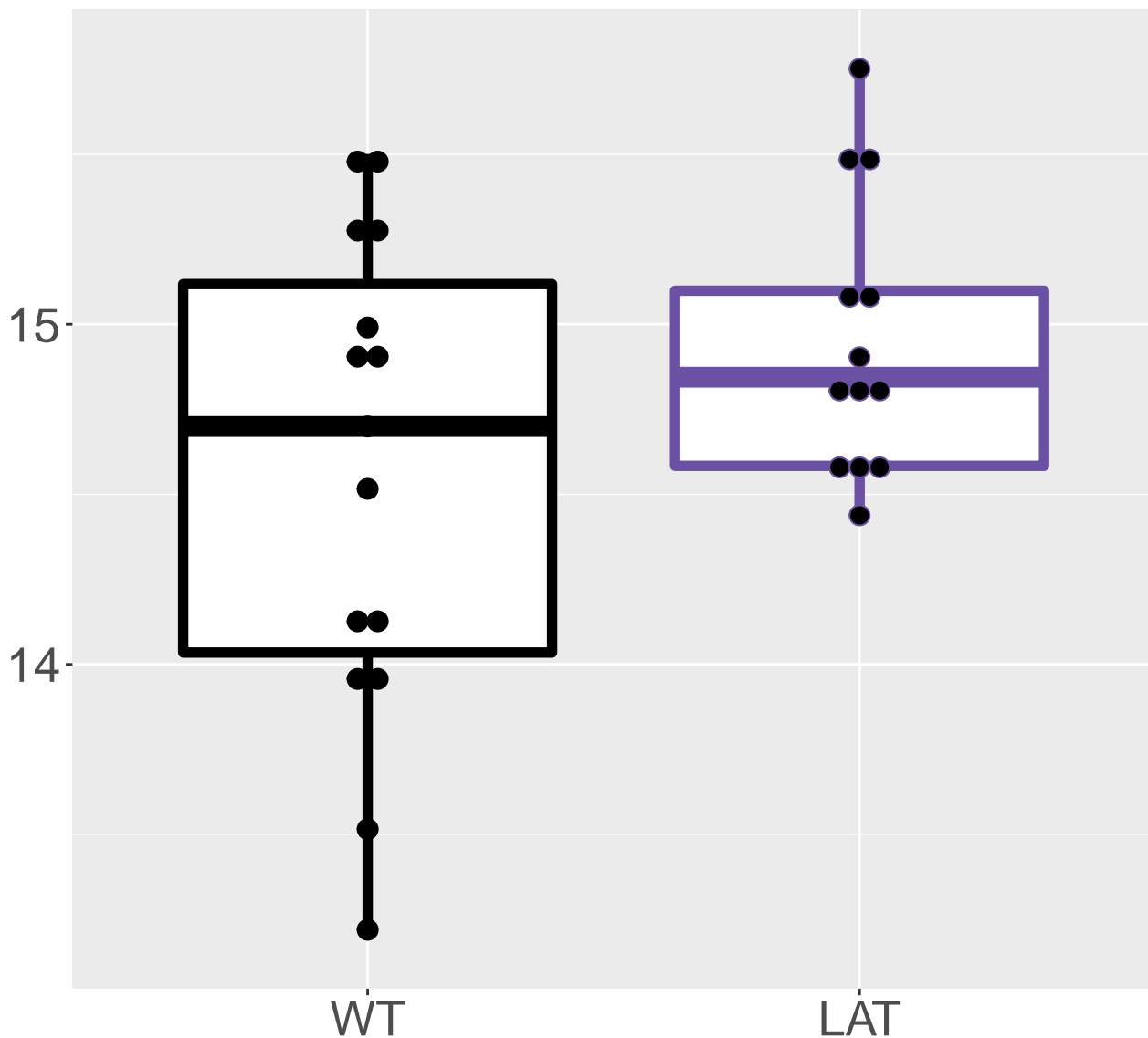
**FDR = 0.026, FC = 0.87, sex\*\*\***





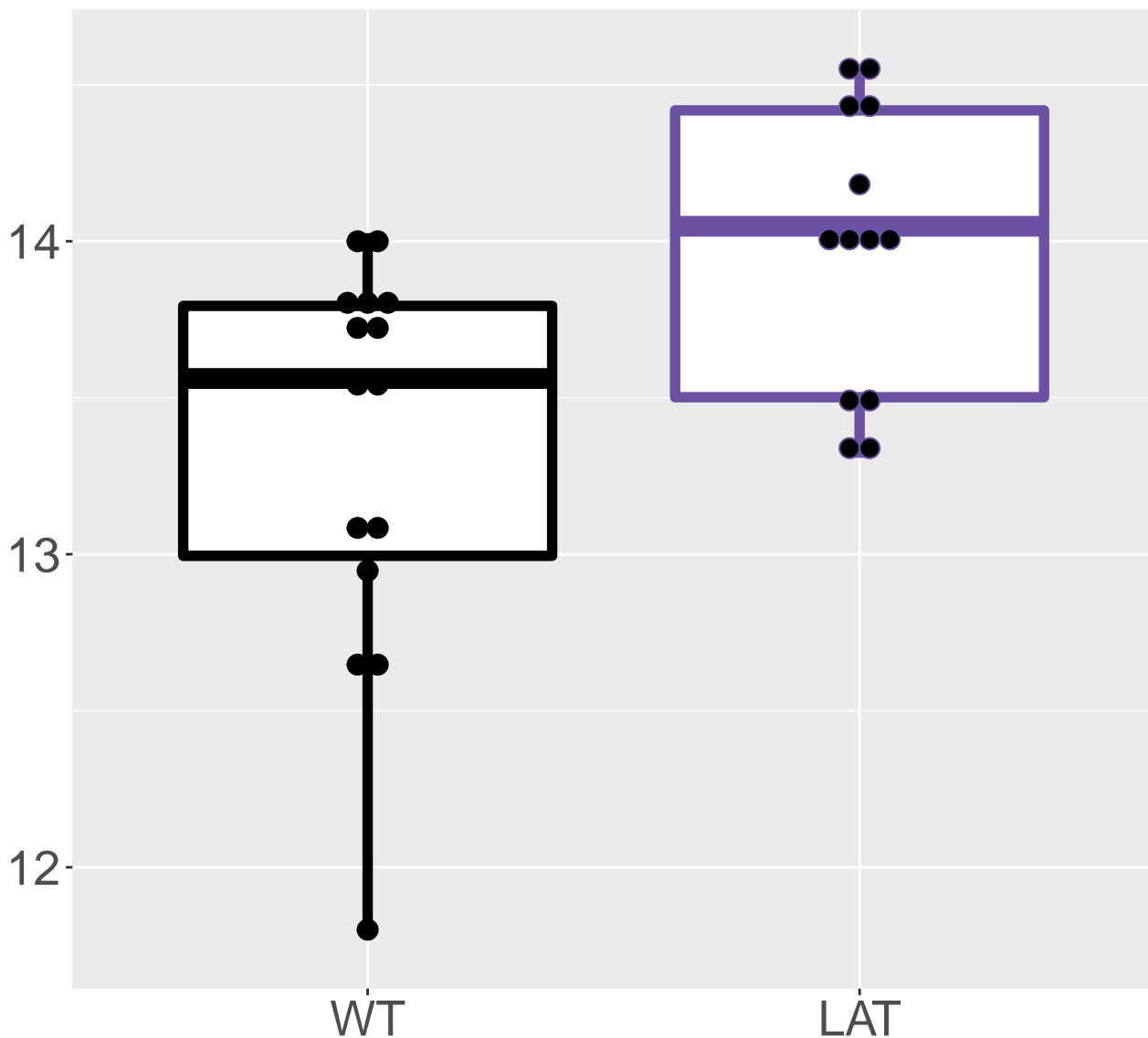
**M125.9505T158.9**

**FDR = 0.026, FC = 0.39, sex\*\*\***

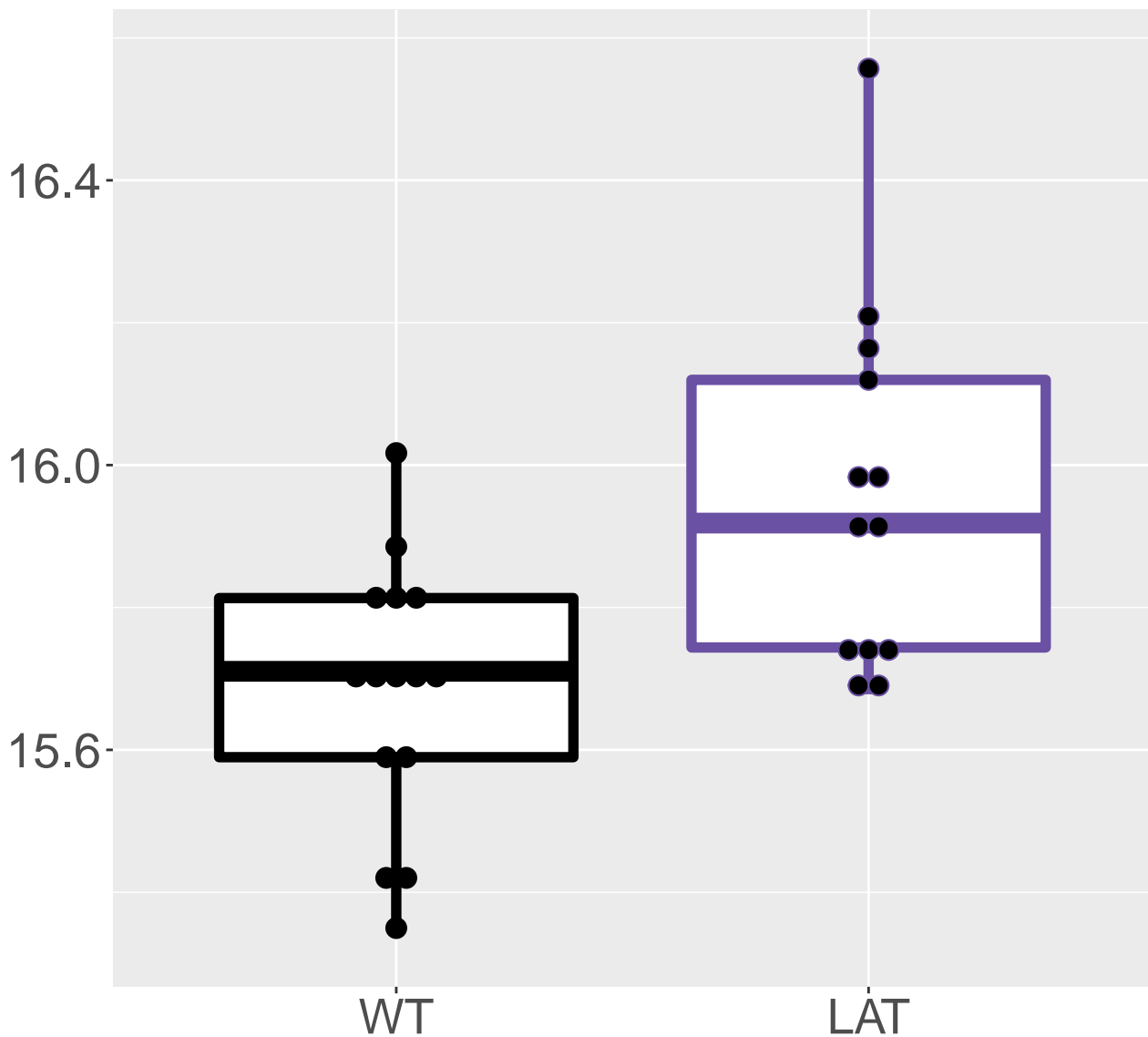


**M353.9528T993.27**

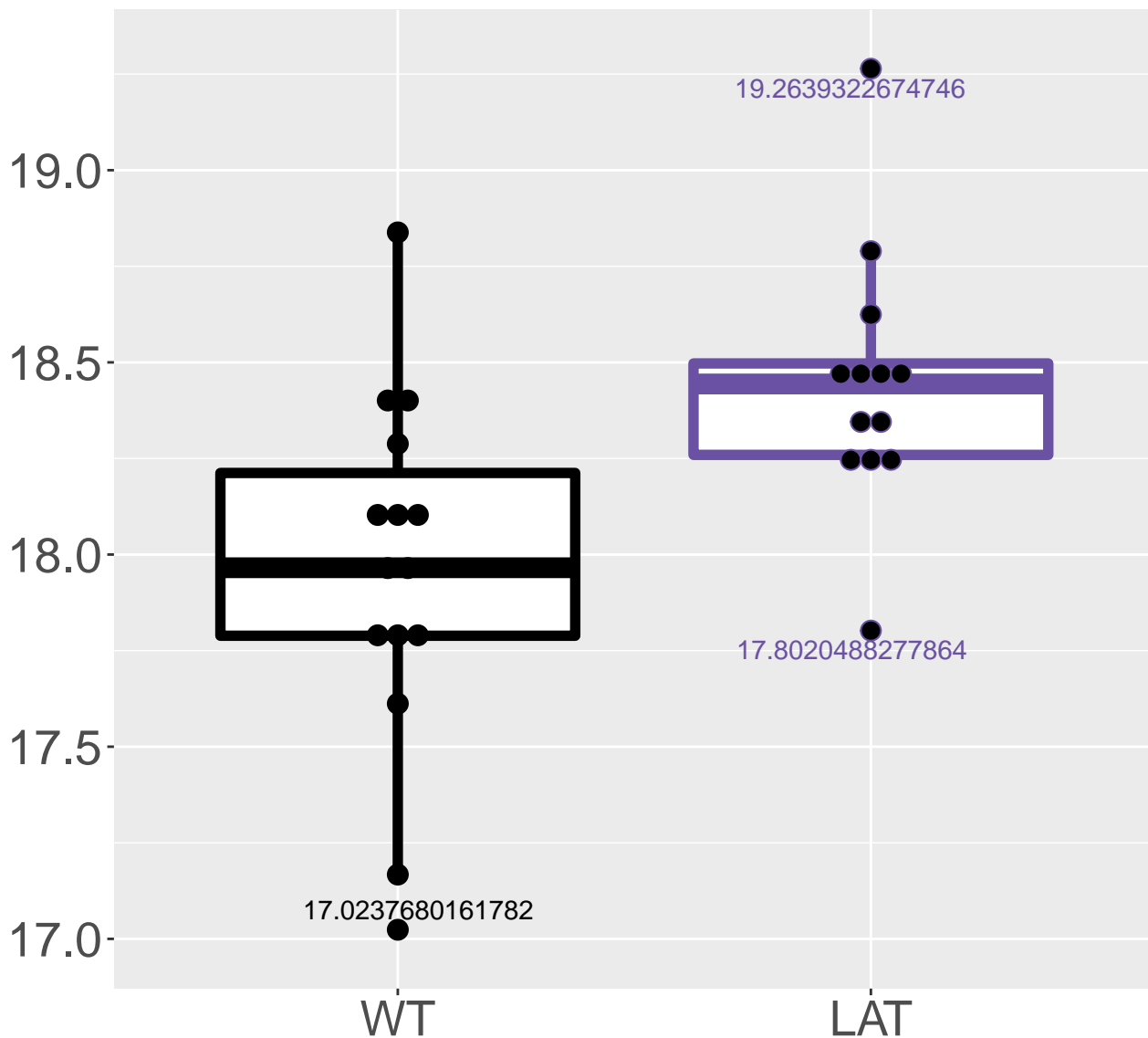
**FDR = 0.027, FC = 0.65**



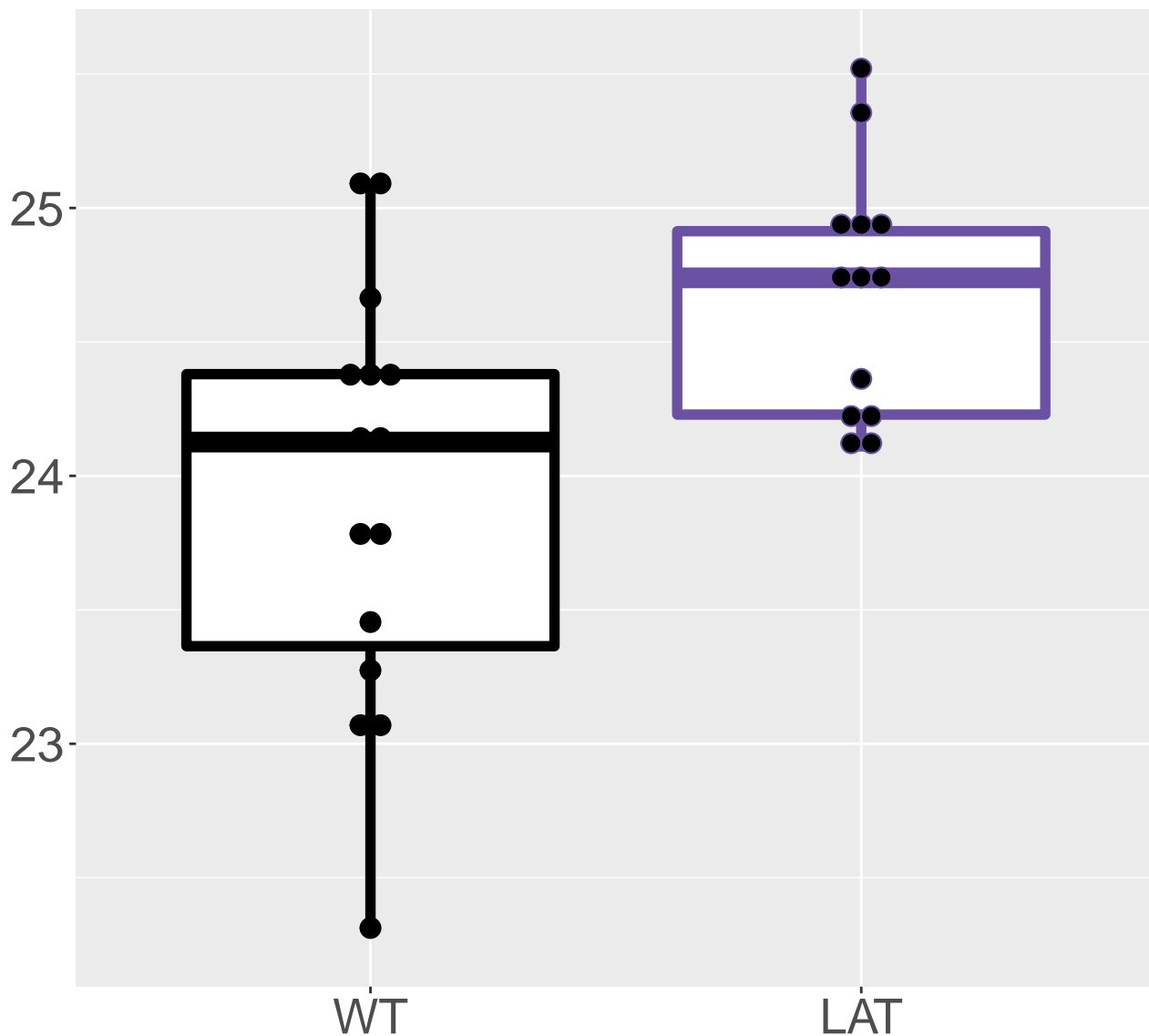
**M123.0178T990.62**  
**FDR = 0.027, FC = 0.27**



**M88.1736T252.73\_35**  
**FDR = 0.027, FC = 0.49**

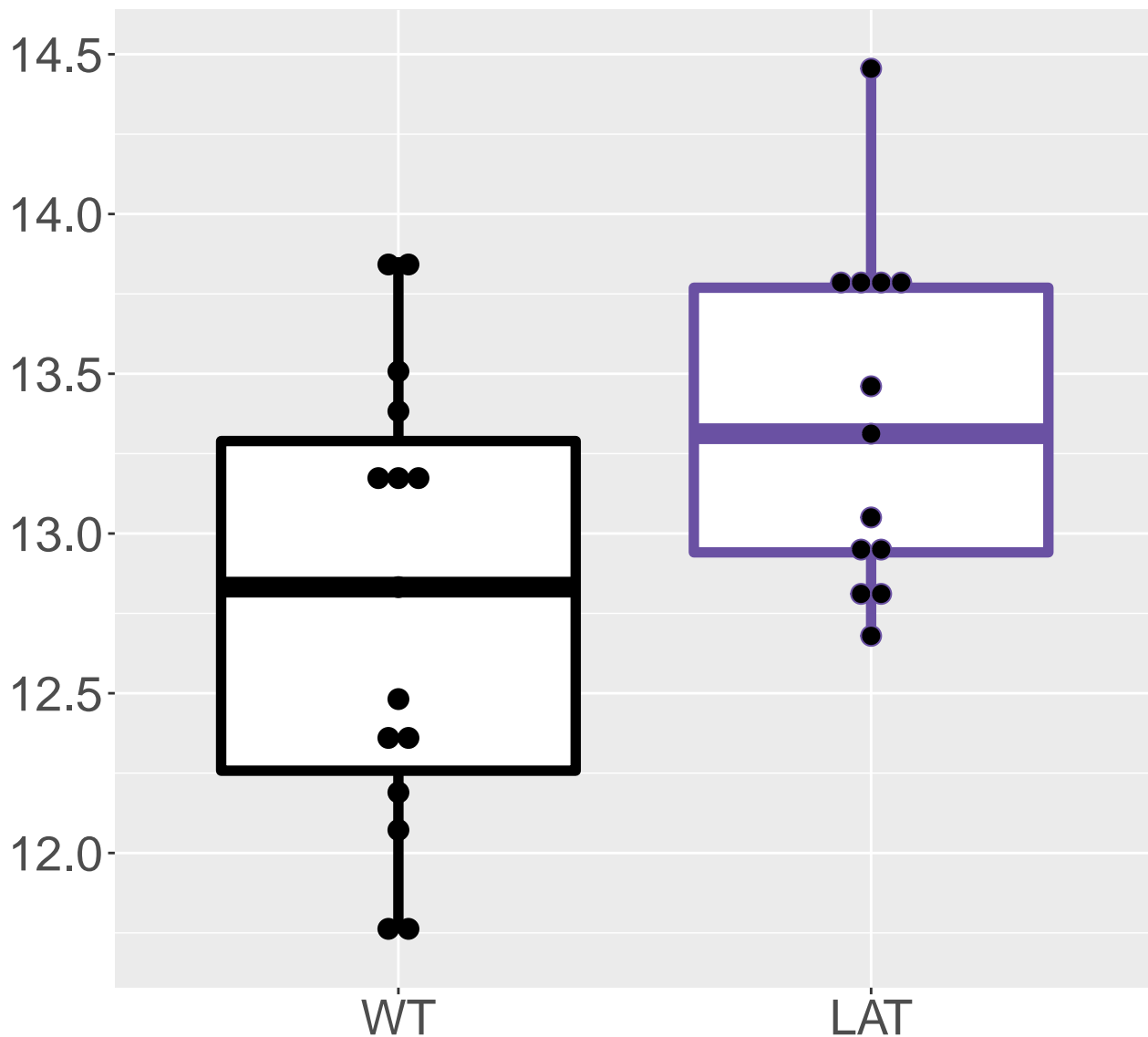


**M179.0562T253.81**  
**FDR = 0.027, FC = 0.75**



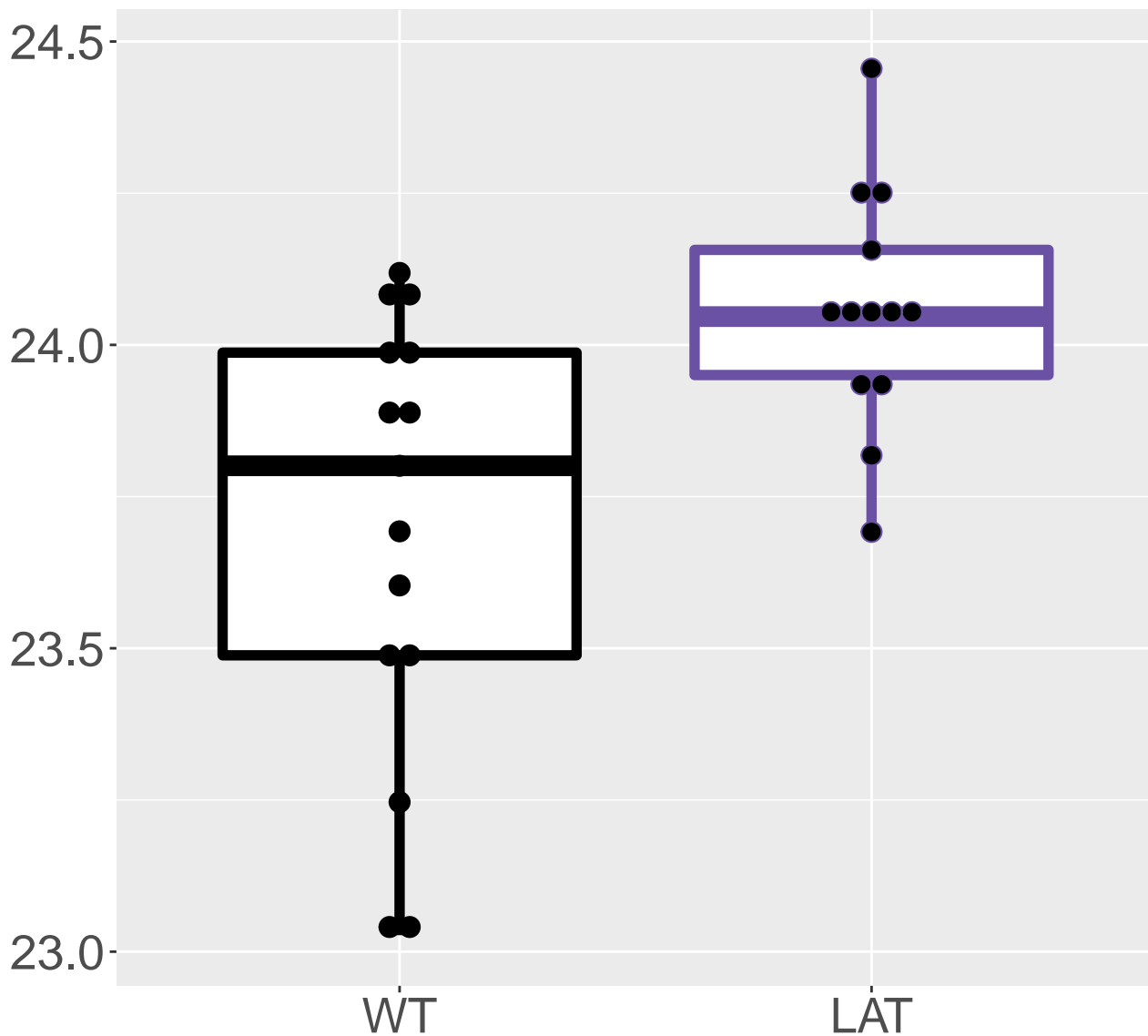
**M309.0116T147.98**

**FDR = 0.027, FC = 0.56, sex\*\*\***



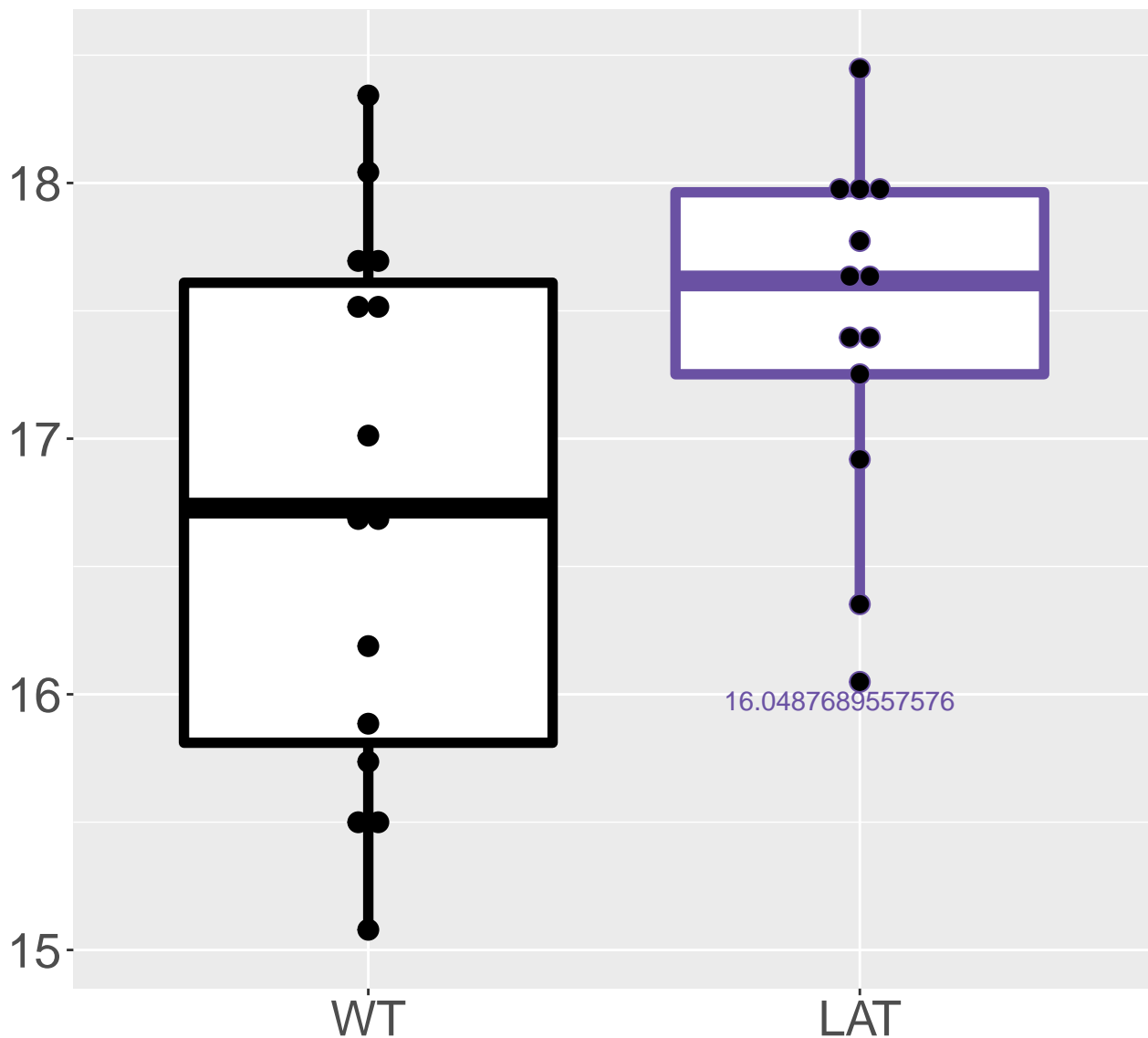
**M304.0714T466**

**FDR = 0.027, FC = 0.36**



**M370.9749T233.92**

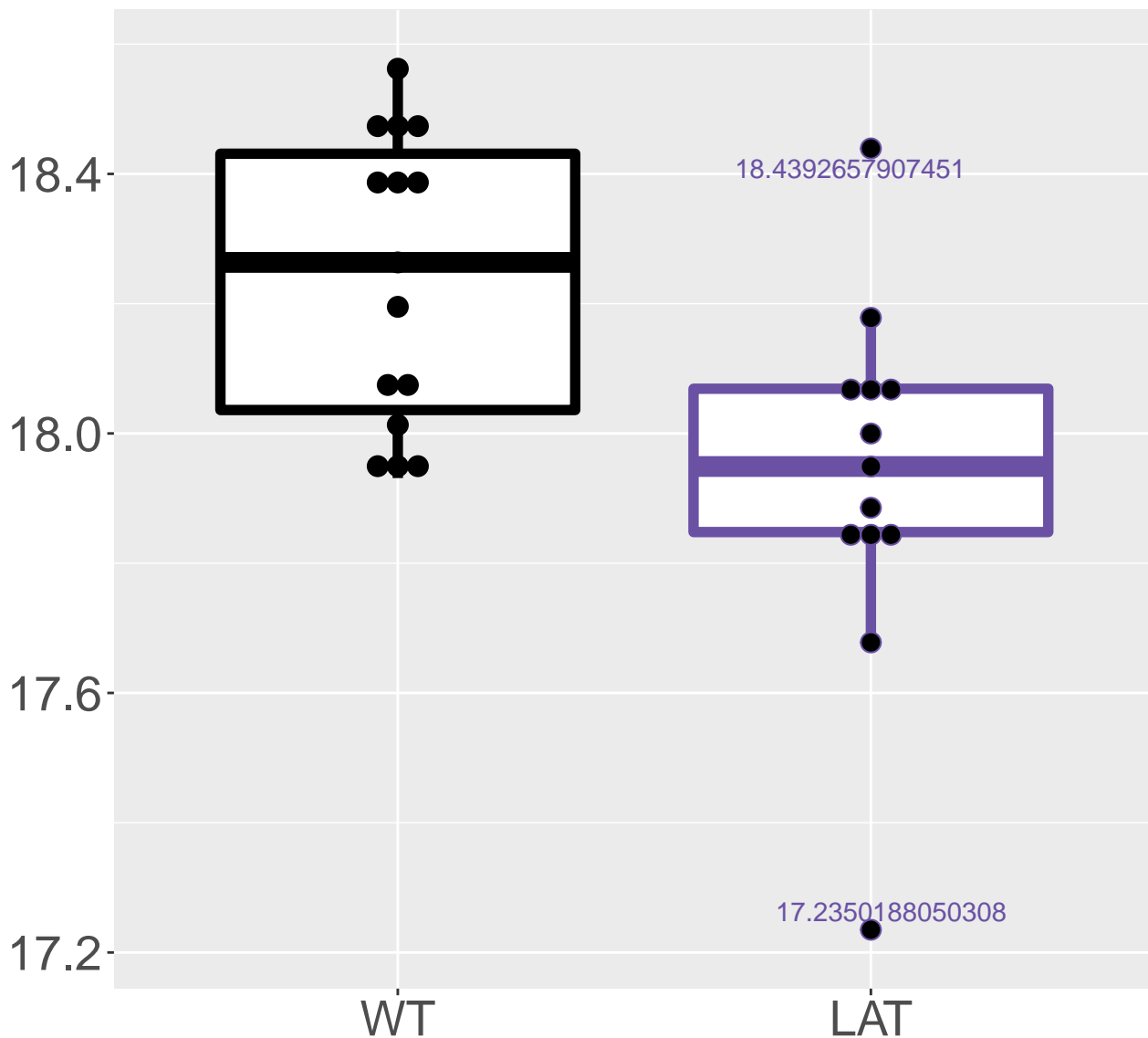
**FDR = 0.028, FC = 0.71, sex\*\*\***



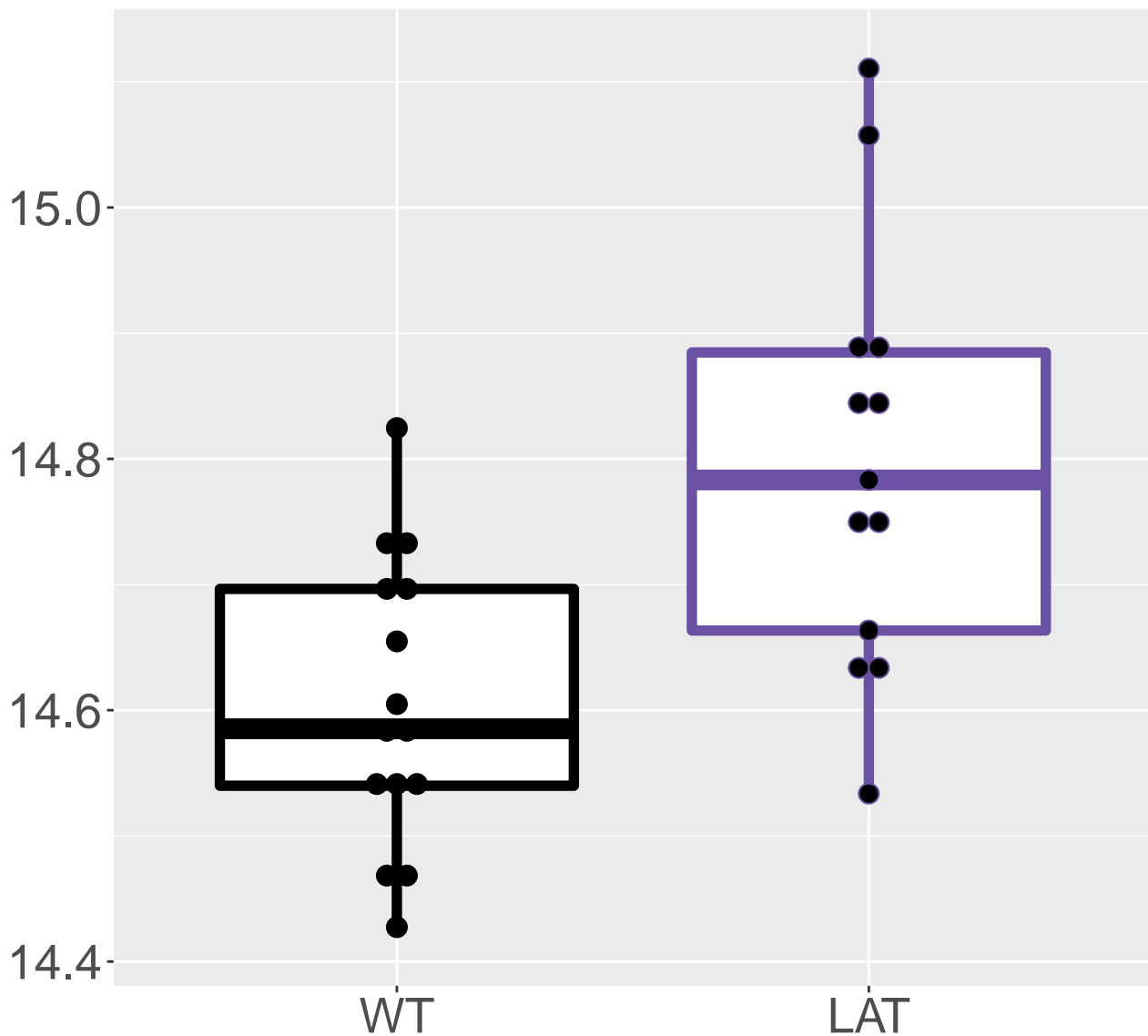


**M152.996T86.05**

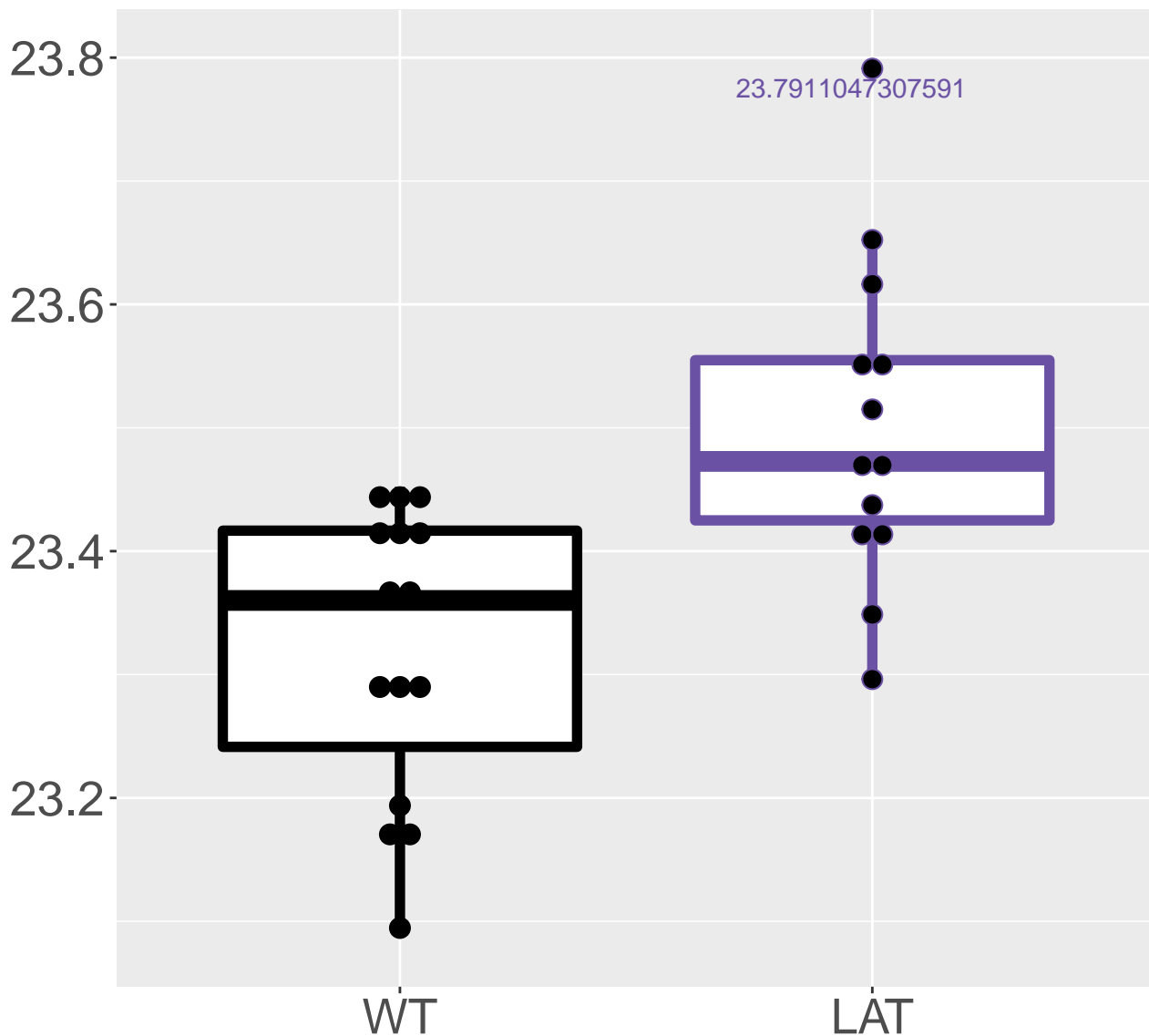
**FDR = 0.028, FC = -0.31**



**M266.8932T1027.23**  
**FDR = 0.028, FC = 0.19**

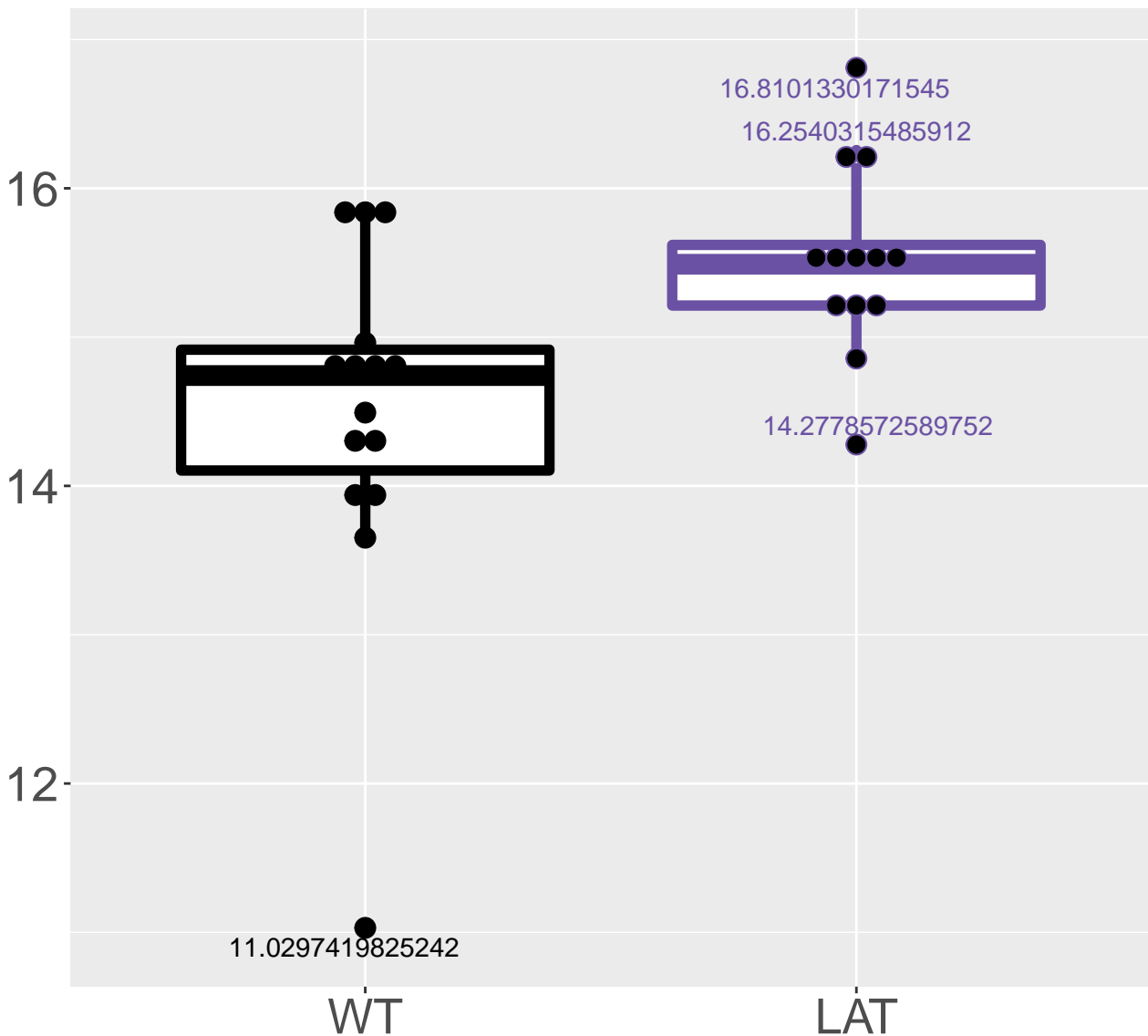


**M100.0018T993.11**  
**FDR = 0.028, FC = 0.18**

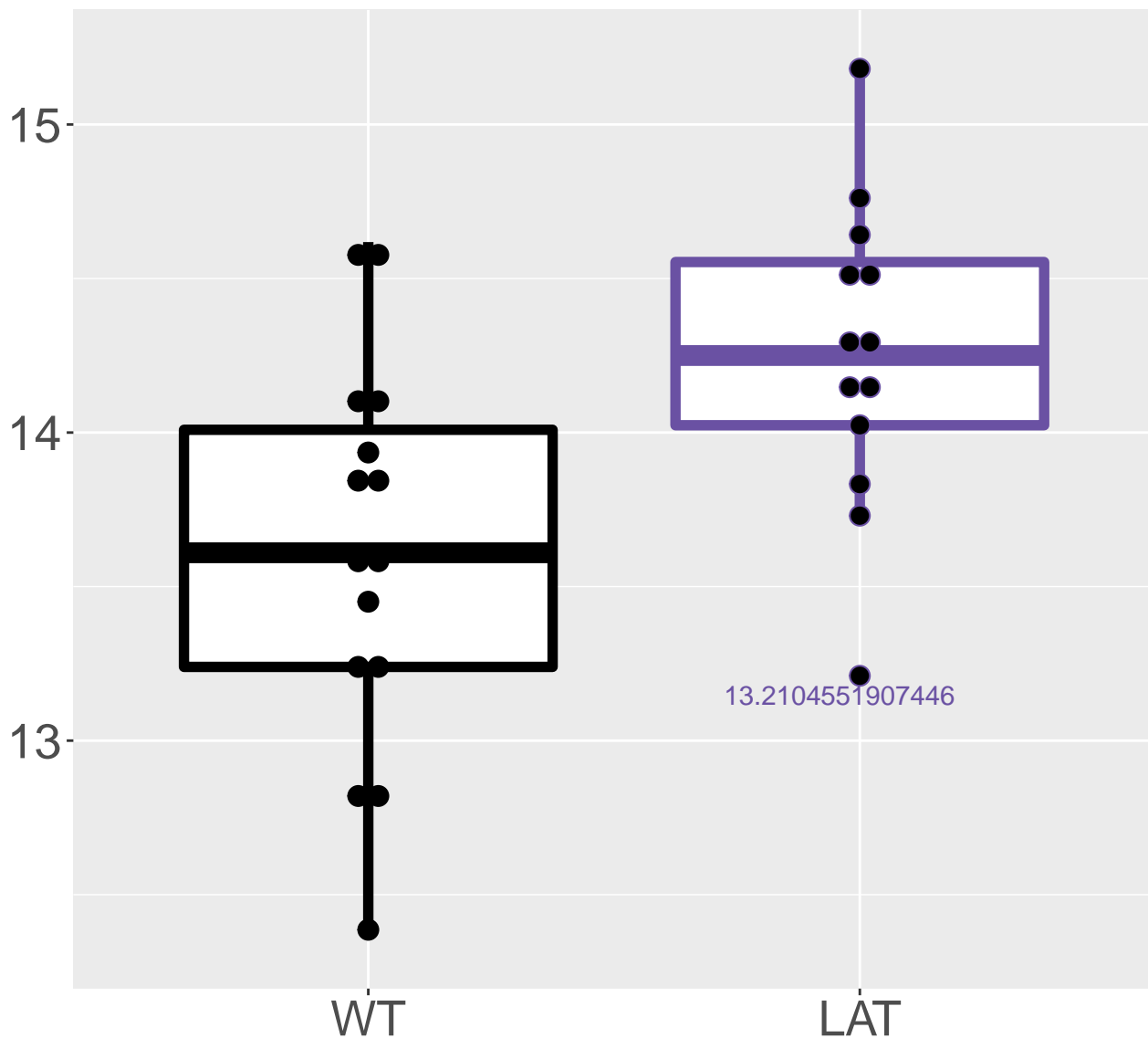


# Picolinic acid;2-Pyridinecarboxylic acid|Nicotin

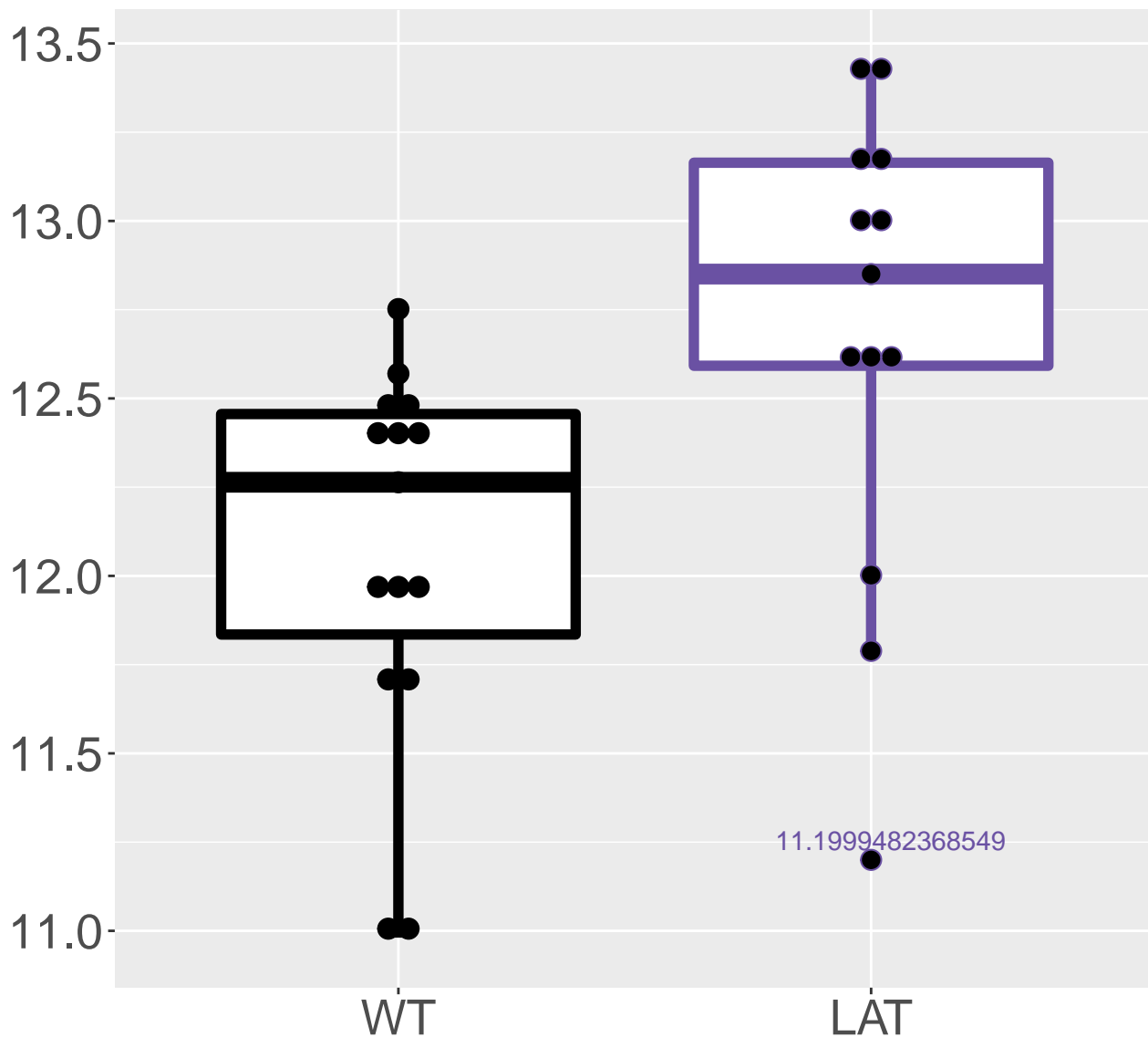
FDR = 0.028, FC = 1



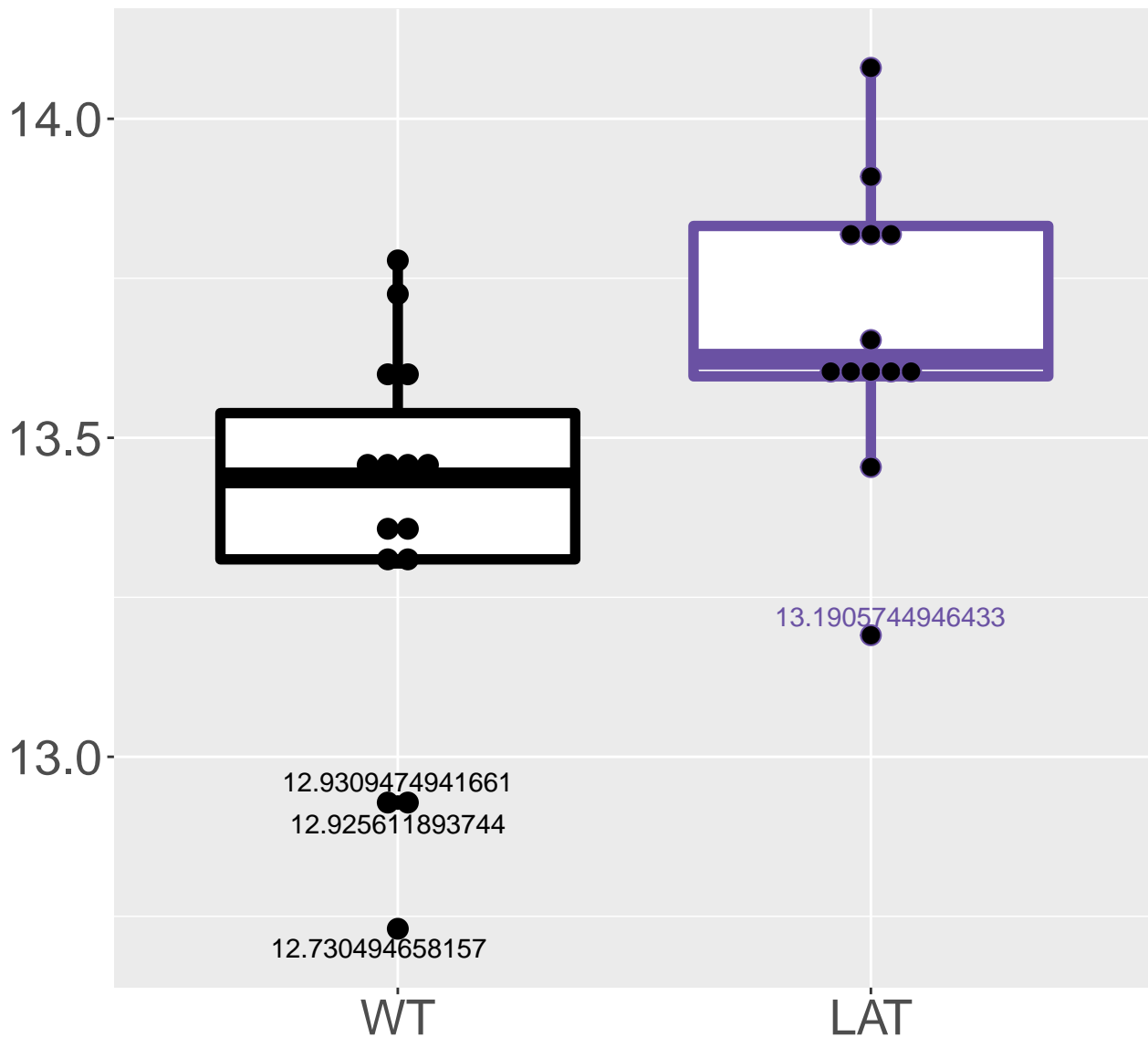
**M129.8749T555.9\_7**  
**FDR = 0.028, FC = 0.65**



**M243.0386T220.67**  
**FDR = 0.028, FC = 0.61**

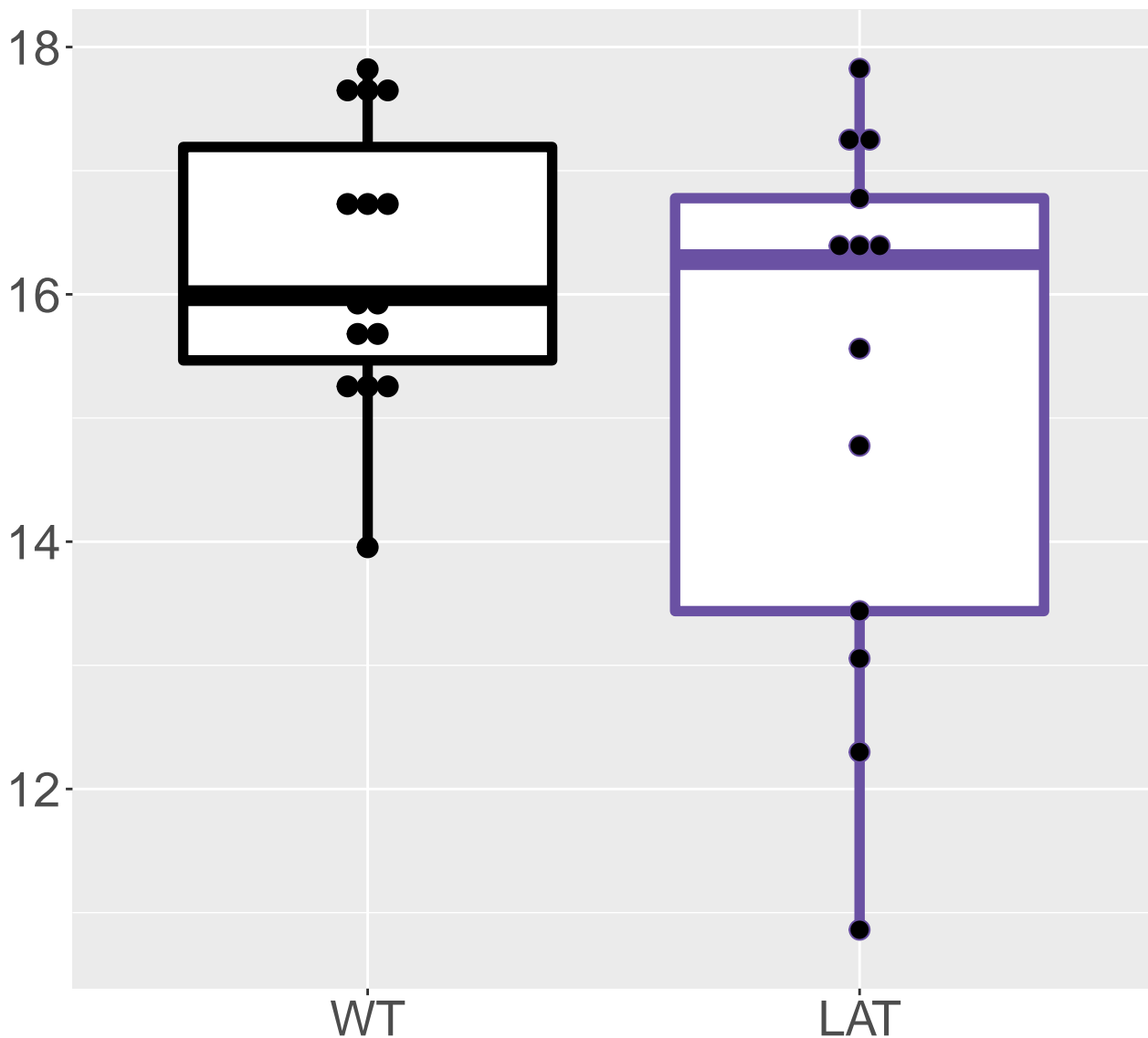


**M460.7548T1028.89**  
**FDR = 0.028, FC = 0.31**



**M340.1045T321.23**

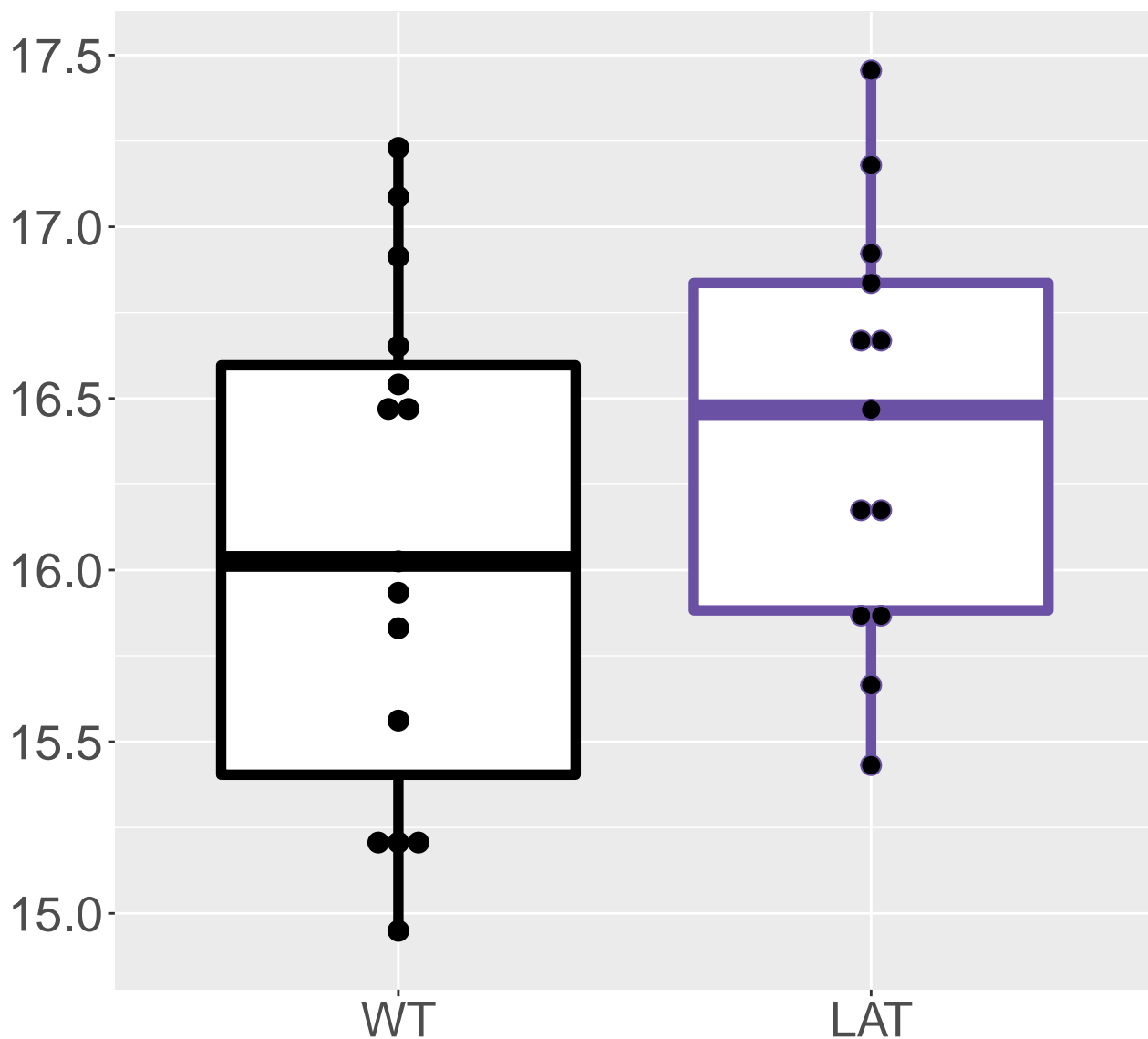
**FDR = 0.028, FC = -1, sex\*\*\***



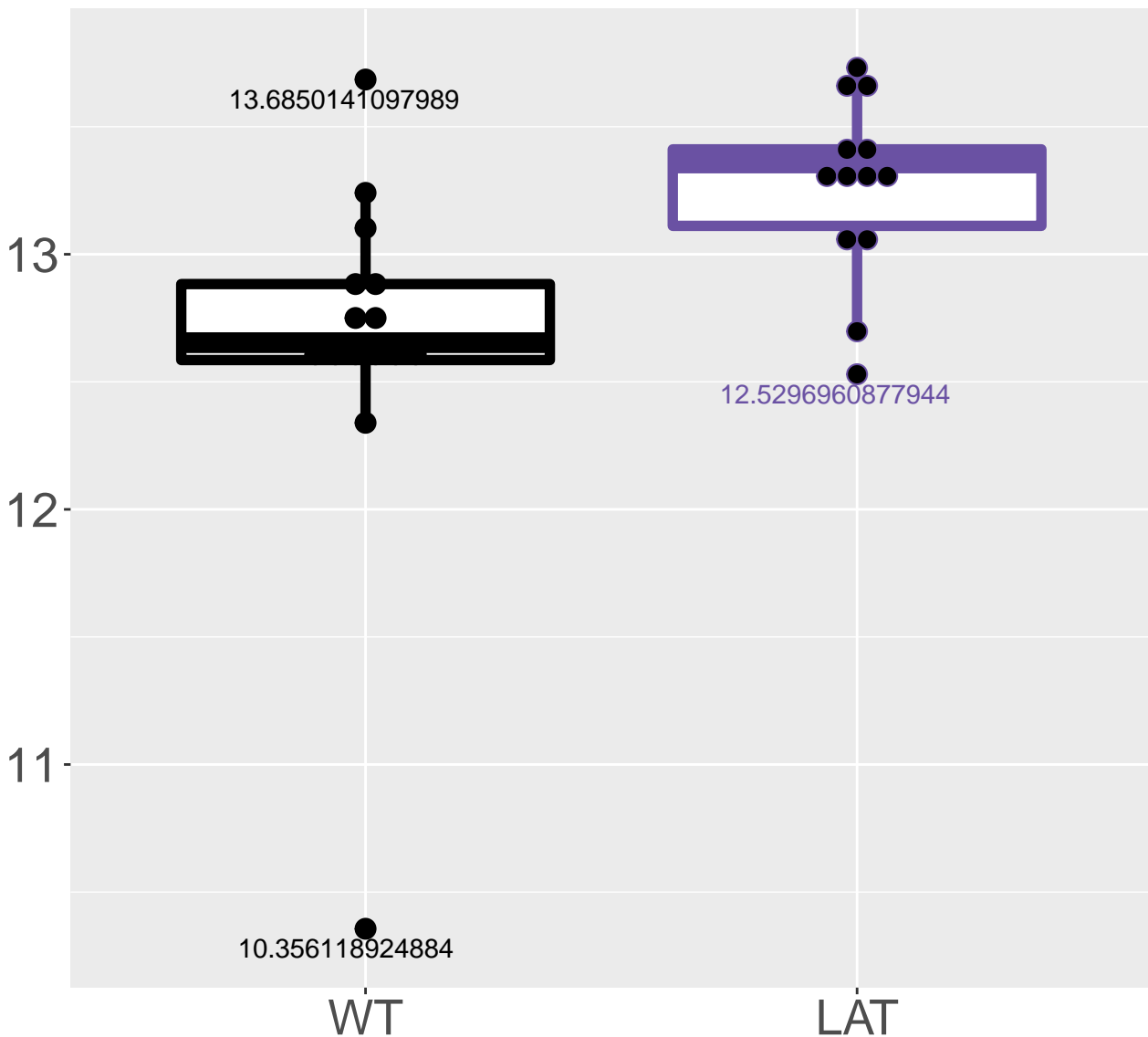


**M249.0886T133.21**

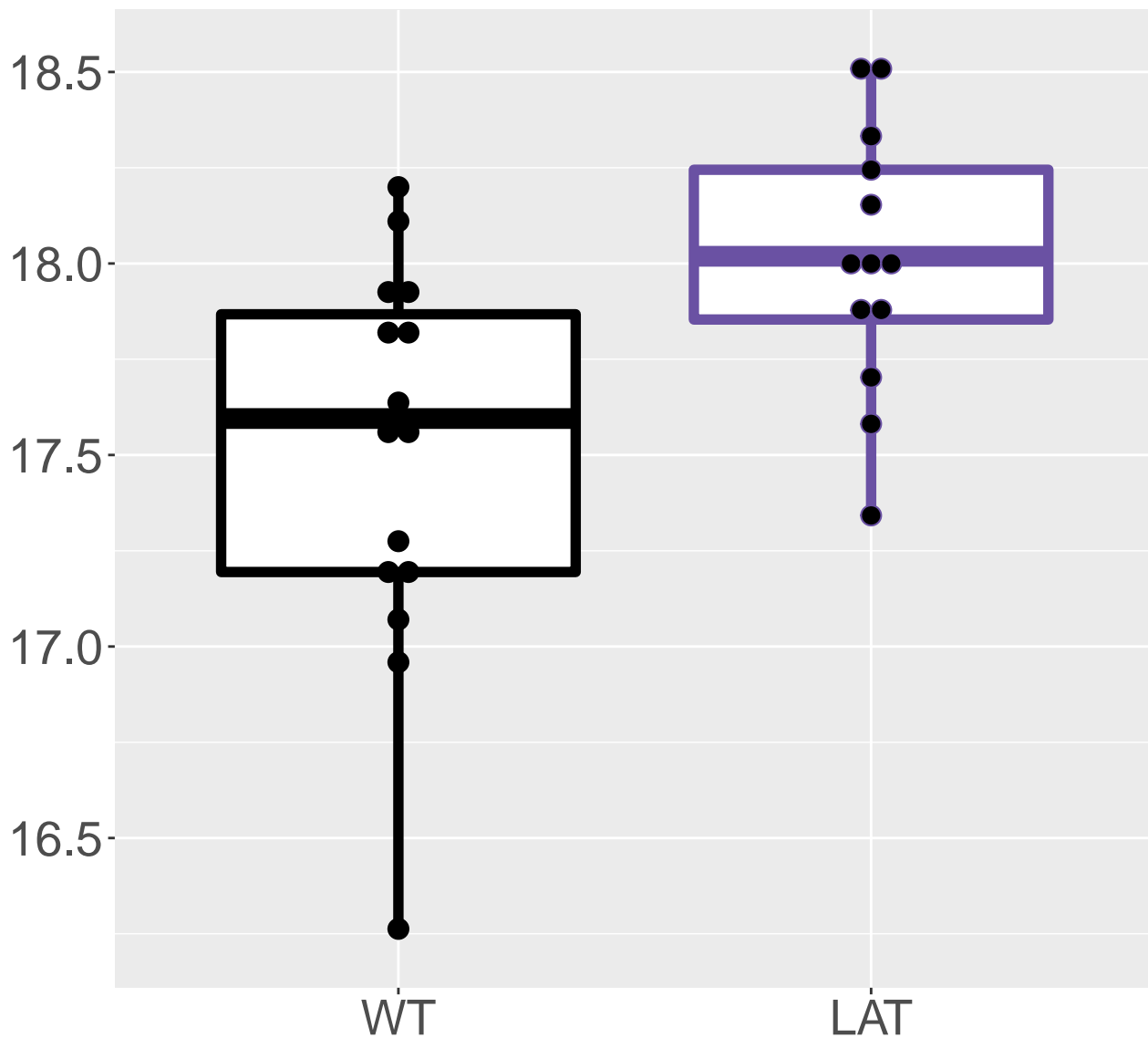
**FDR = 0.029, FC = 0.33, sex\*\*\***



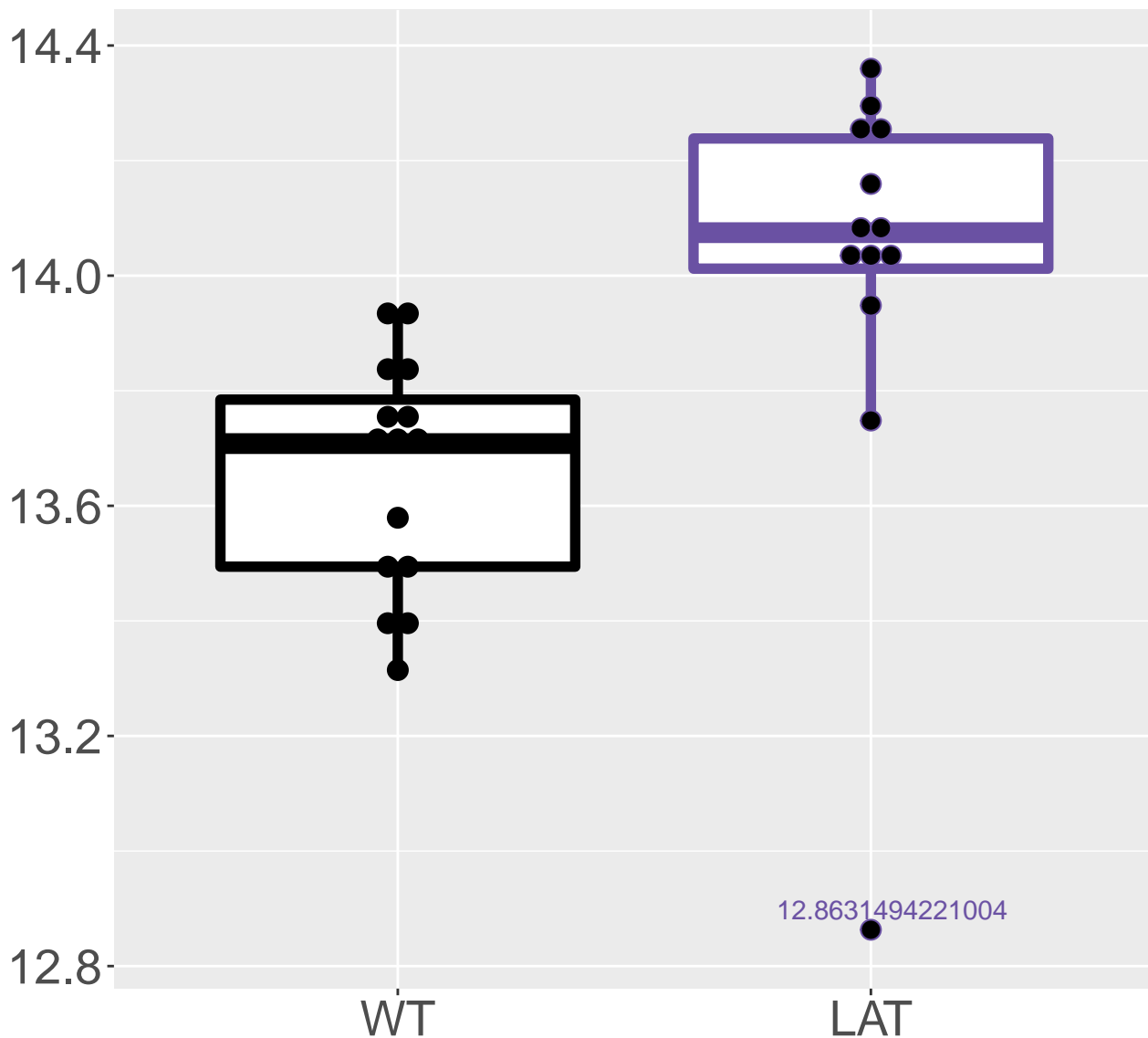
**M201.0997T516.43\_1**  
**FDR = 0.029, FC = 0.63**



**M86.713T253.03\_9**  
**FDR = 0.029, FC = 0.51**

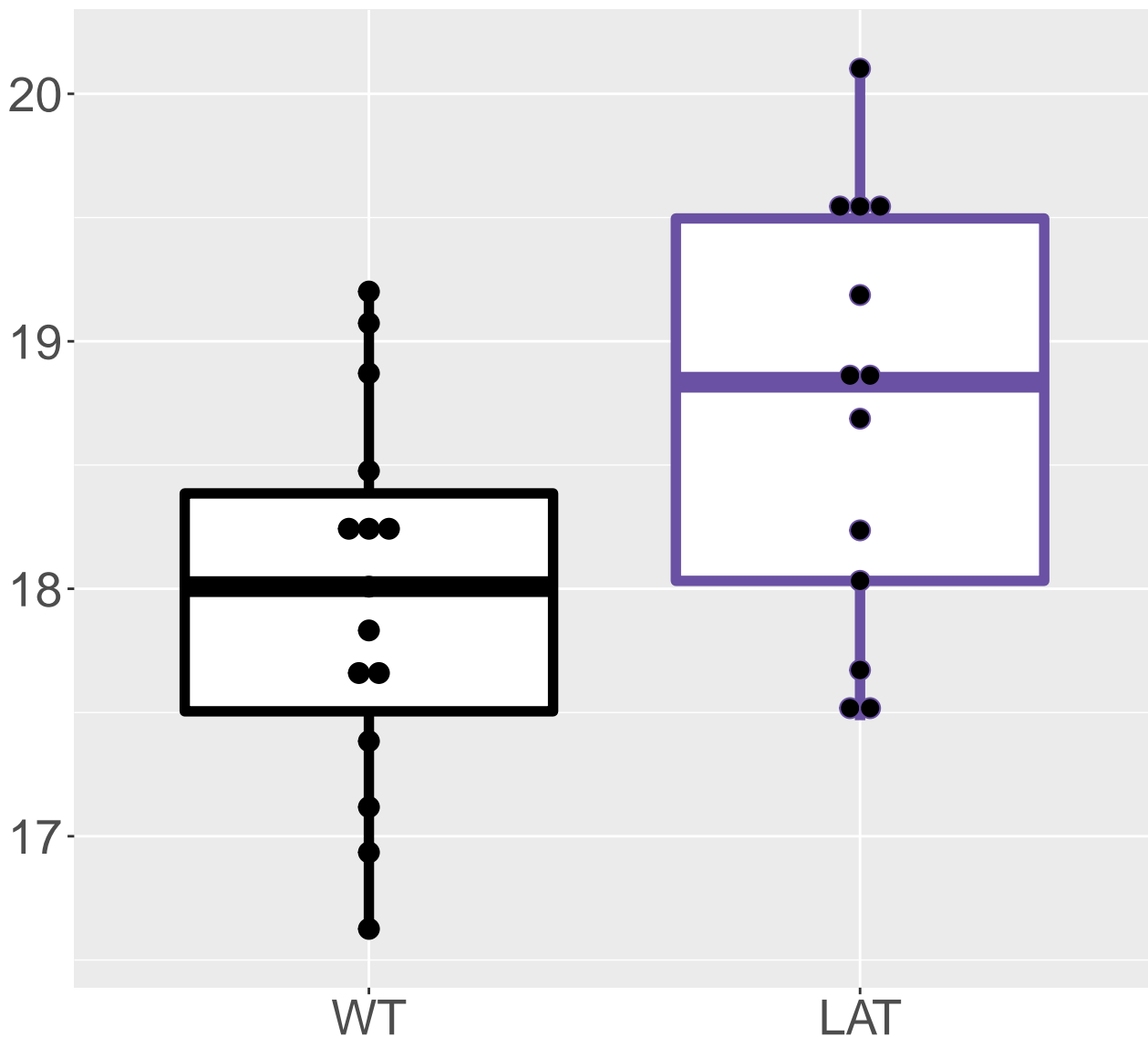


**M394.8607T1016.76**  
**FDR = 0.029, FC = 0.35**

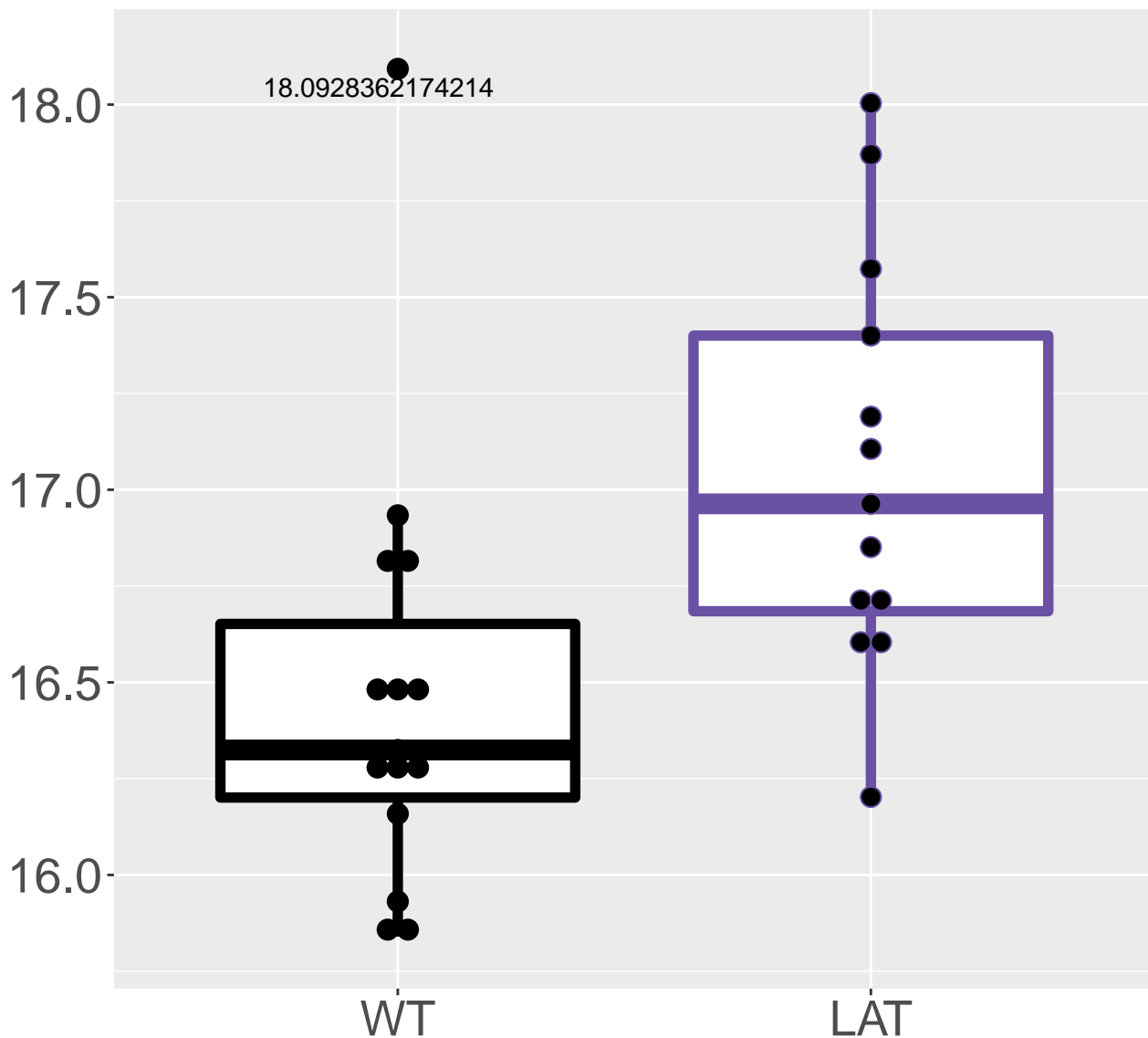


**M222.0776T171.64**

**FDR = 0.029, FC = 0.74, sex\***

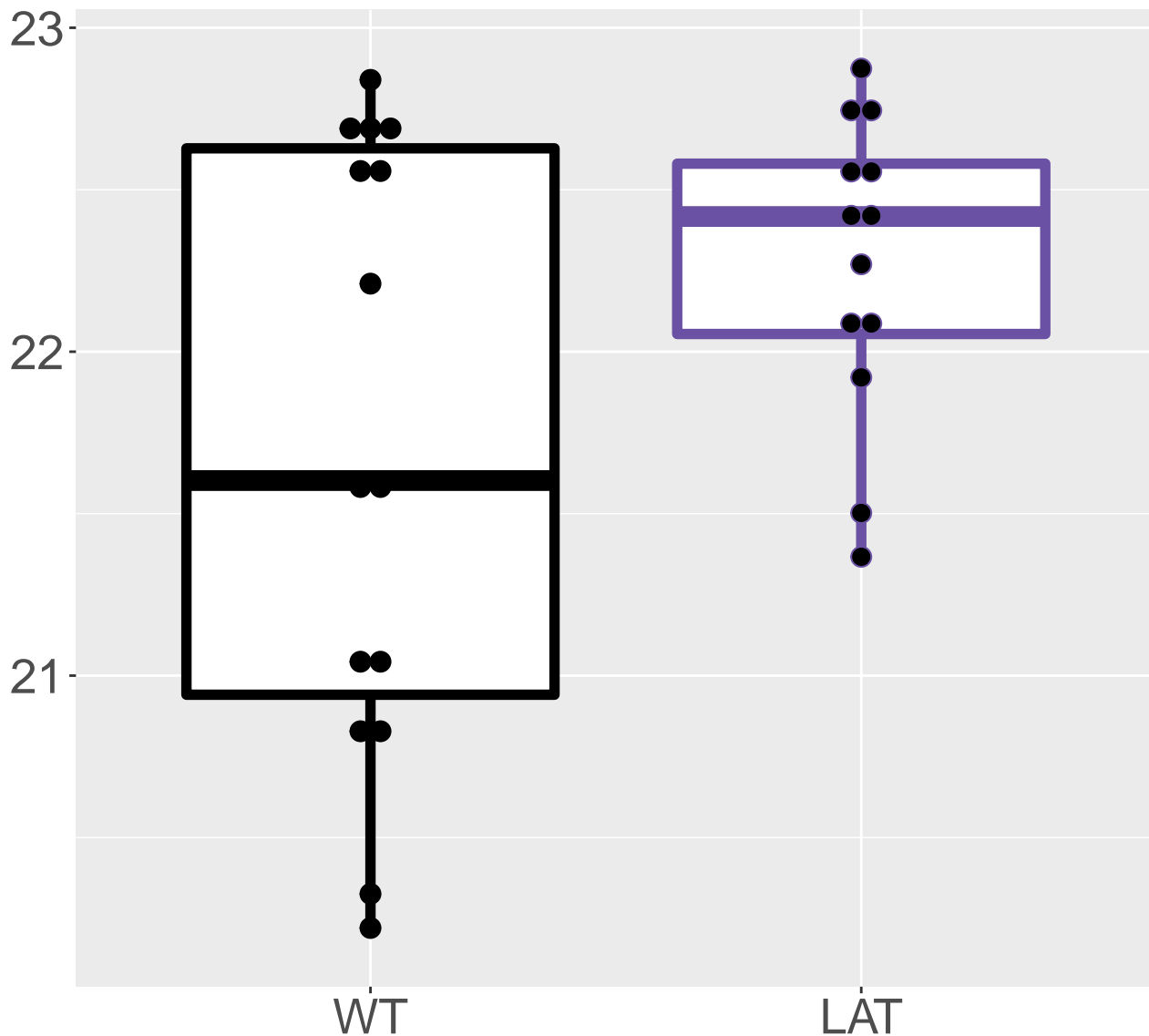


**FDR = 0.029, FC = 0.59**

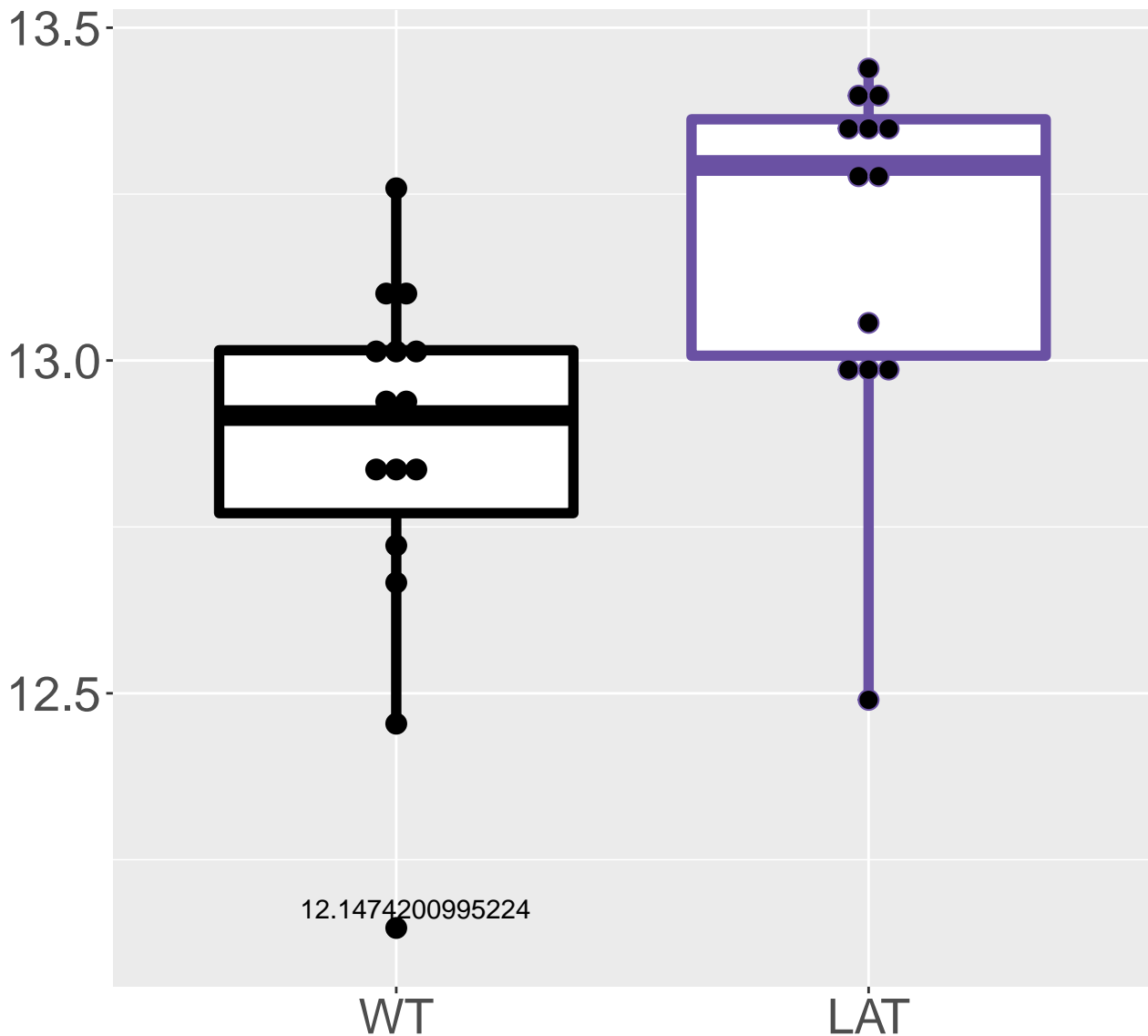


**M306.0584T234.87**

**FDR = 0.029, FC = 0.56, sex\*\*\***

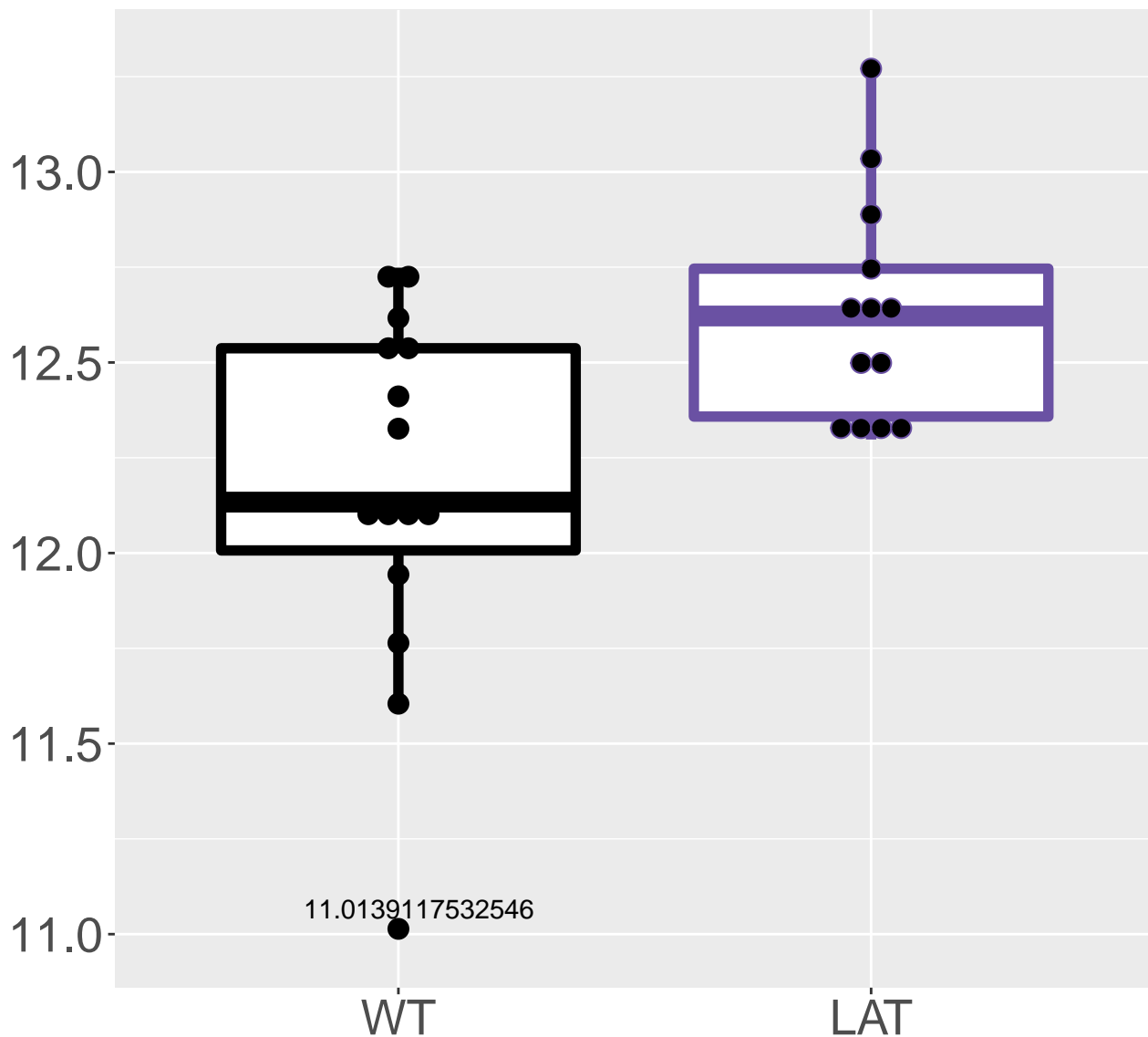


**M337.8217T1029.99**  
**FDR = 0.029, FC = 0.32**

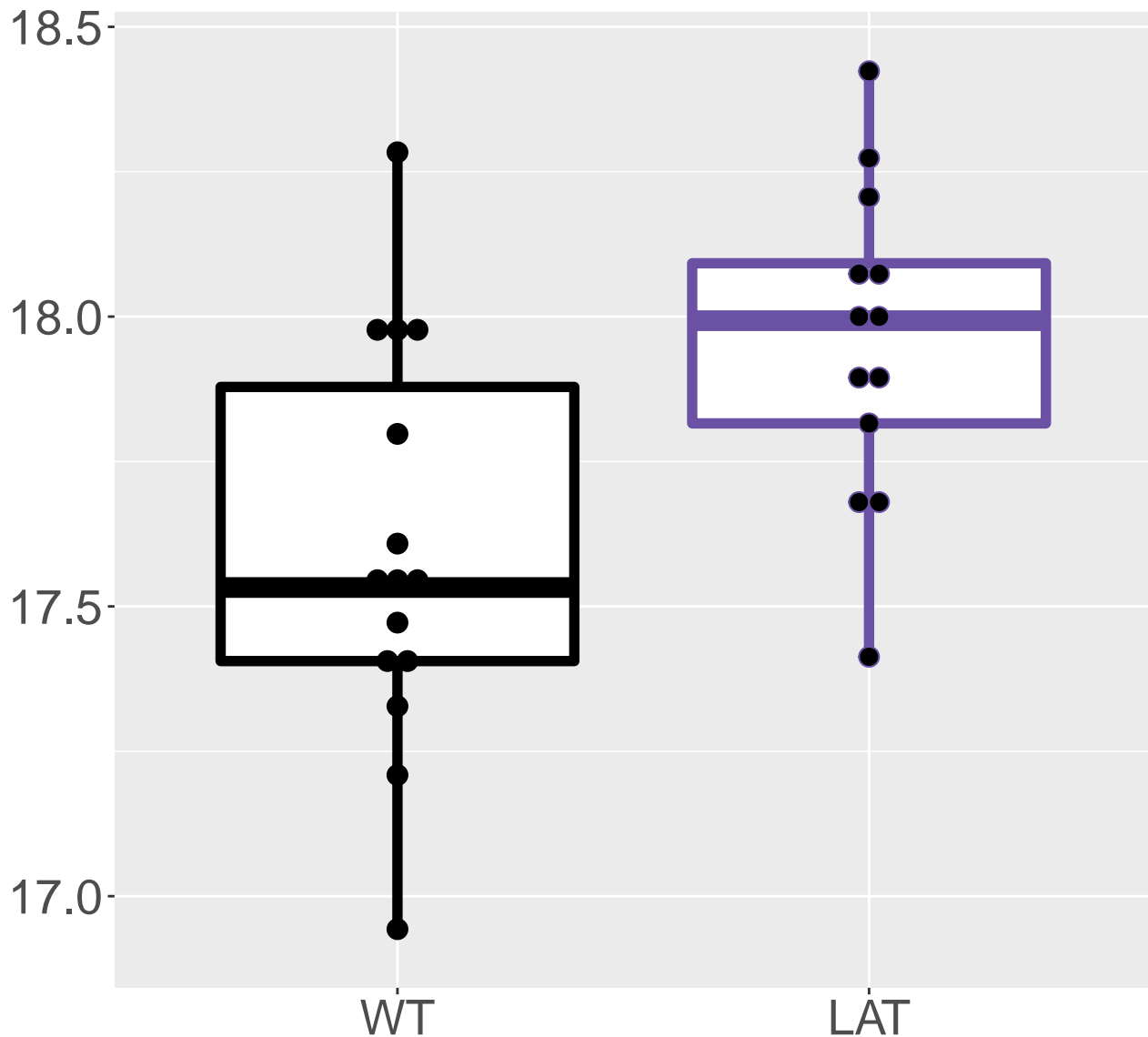




**M412.8135T1026.18**  
**FDR = 0.029, FC = 0.46**

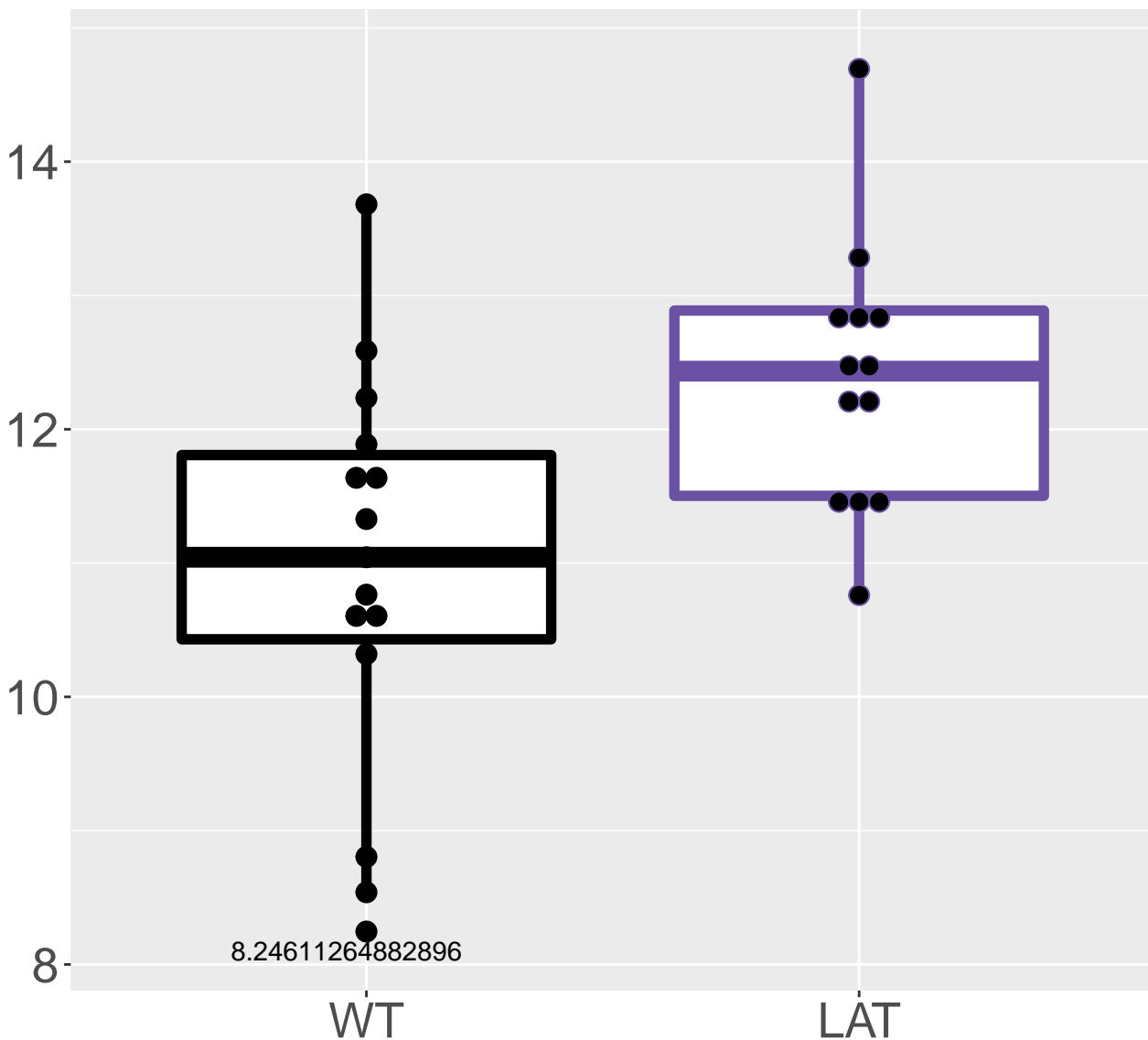


**2,2-Dimethylsuccinic acid|3-Methylglutaric acid**  
**FDR = 0.029, FC = 0.36**

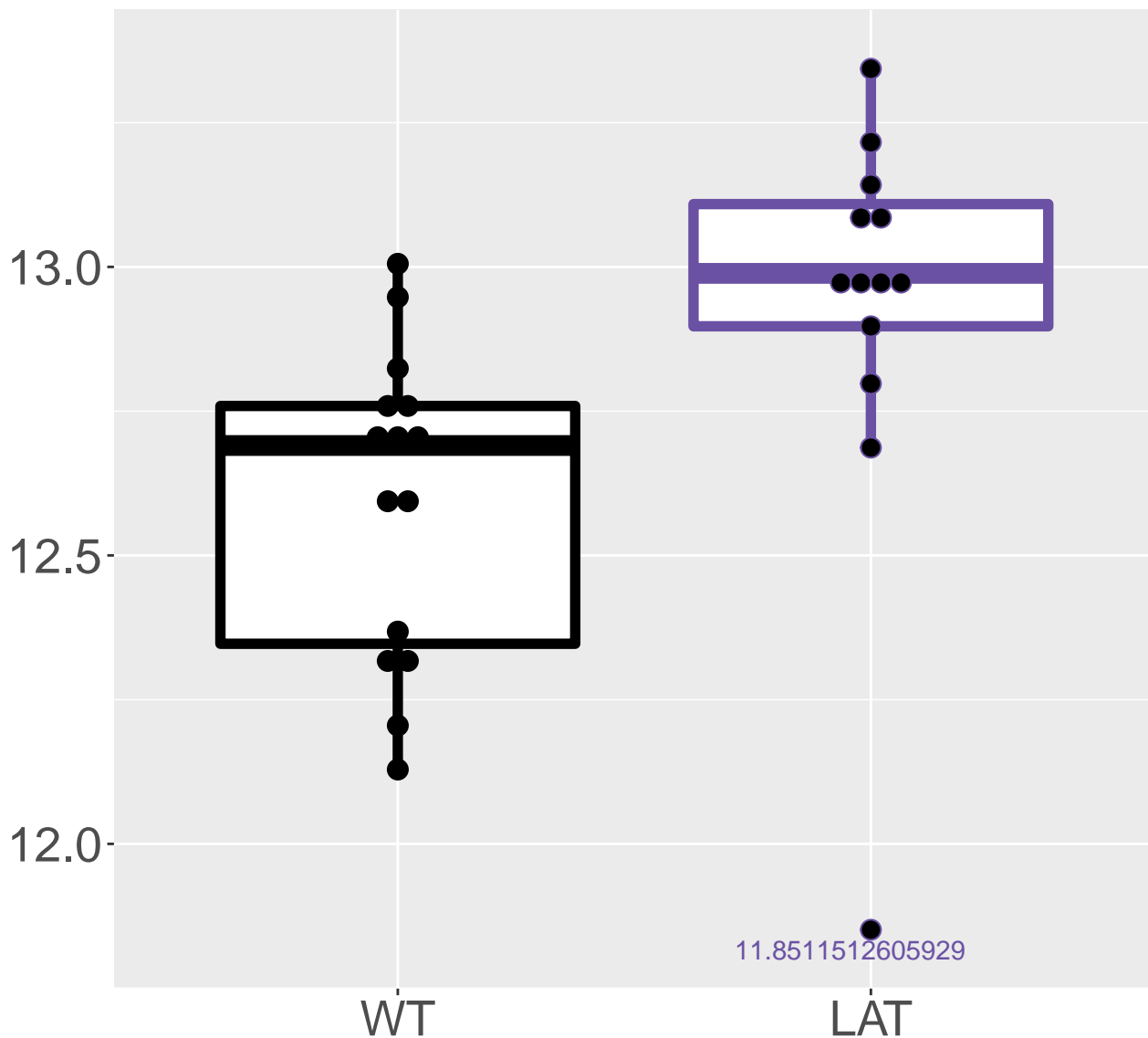


**M175.9332T784.29**

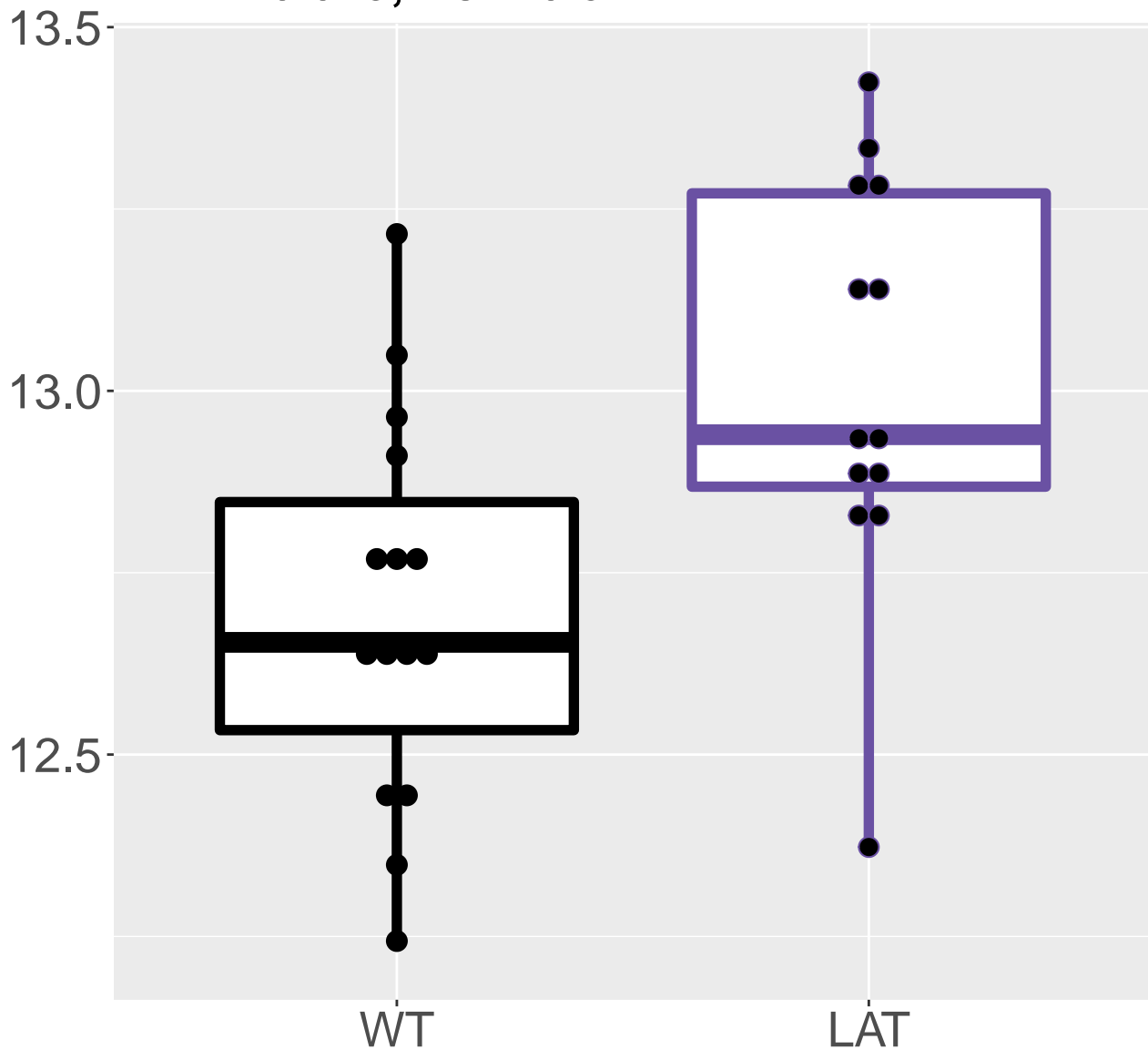
**FDR = 0.029, FC = 1.5**



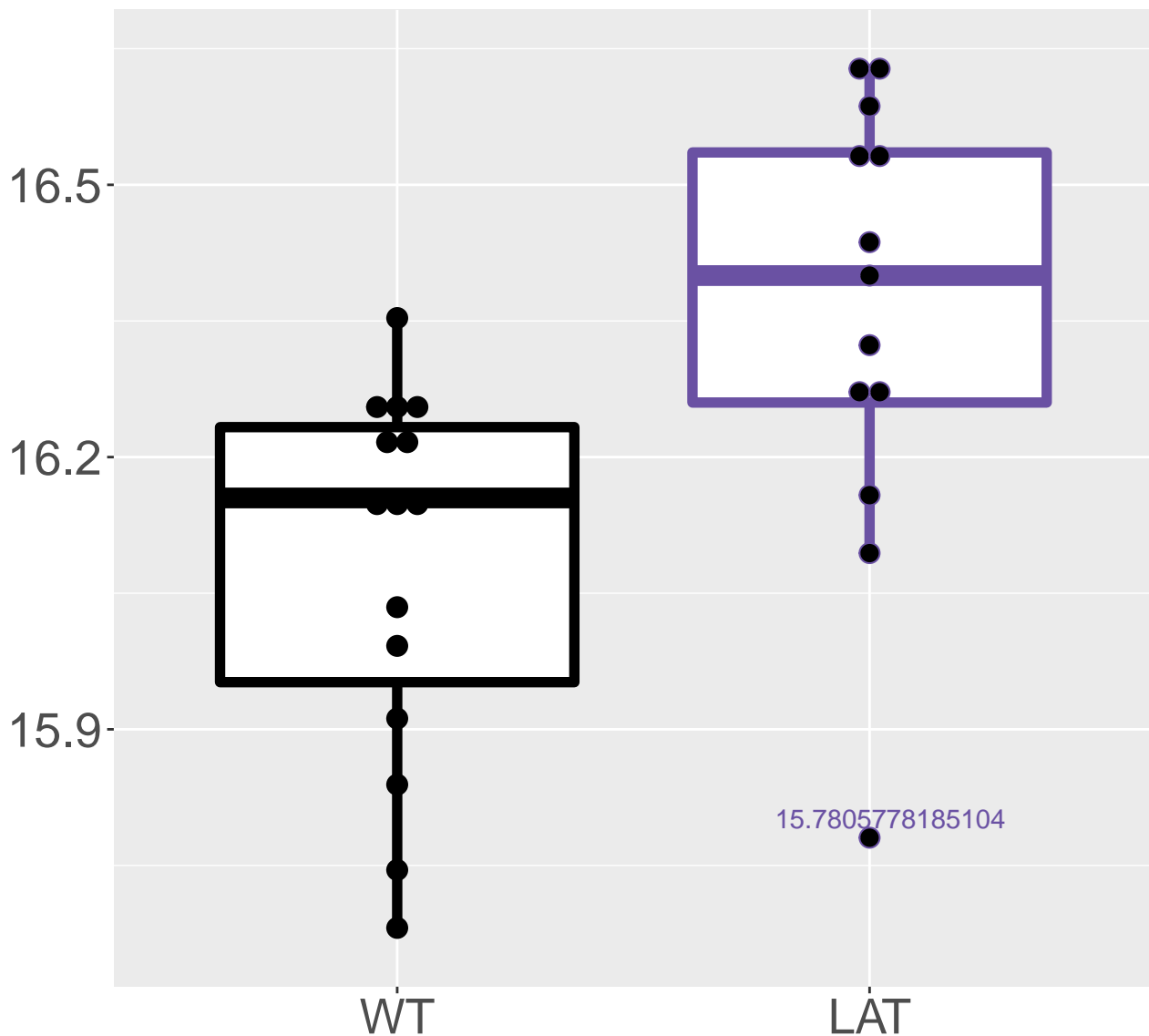
**M397.8648T1013.71**  
**FDR = 0.029, FC = 0.33**



**M404.8052T1028.58**  
**FDR = 0.029, FC = 0.32**

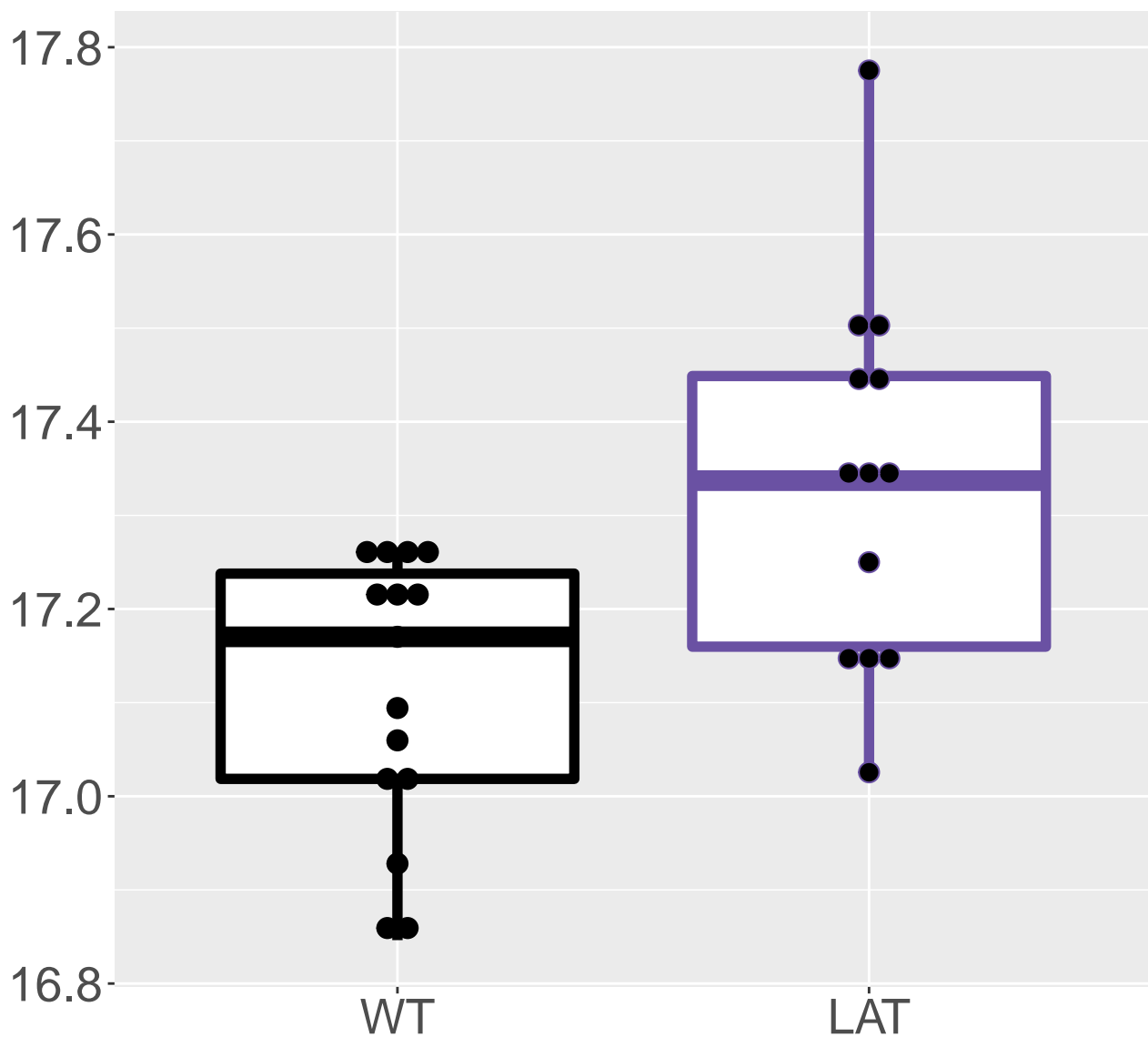


**M445.8906T993.71**  
**FDR = 0.029, FC = 0.28**



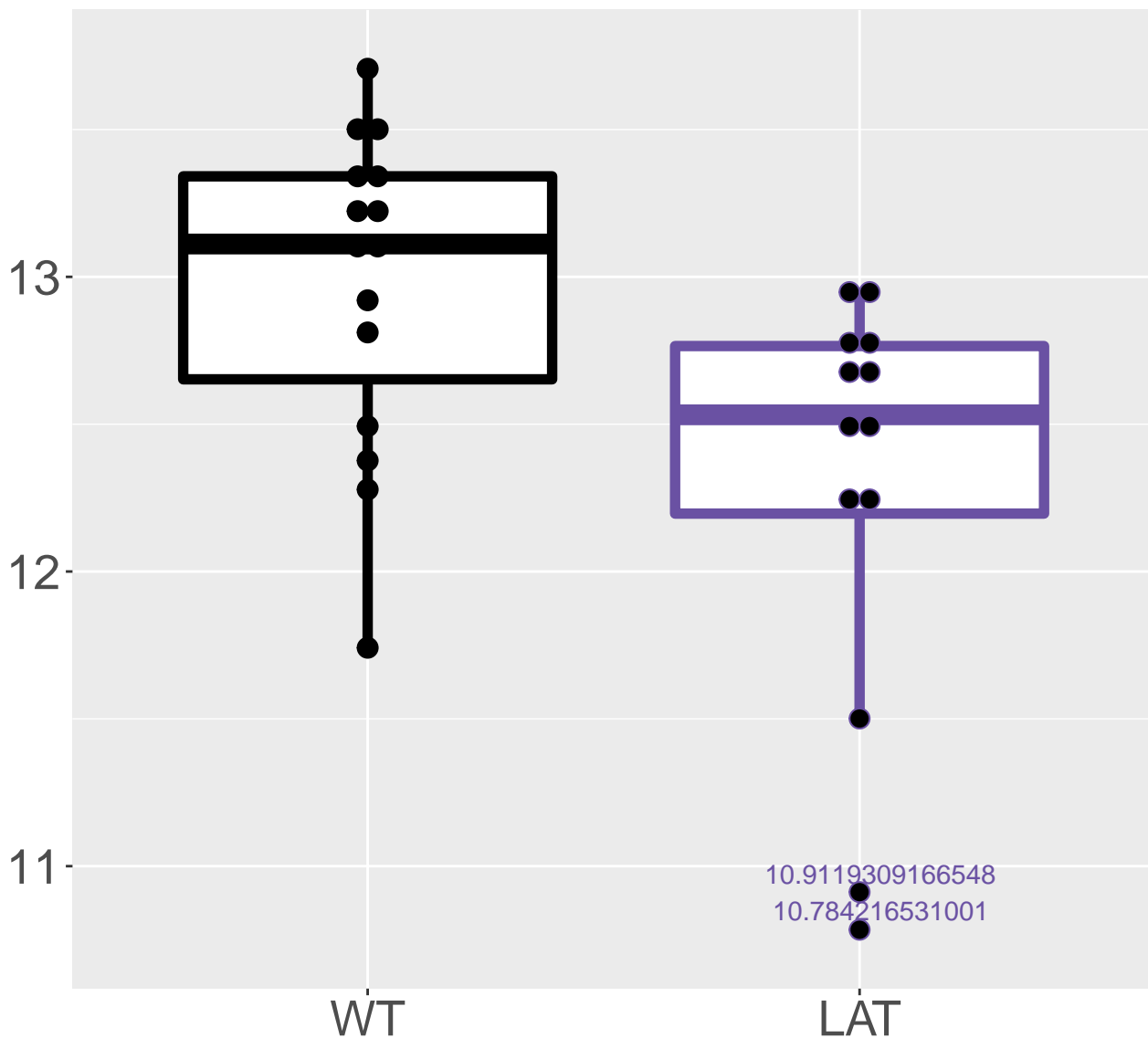
**M184.9297T1024.25**

**FDR = 0.029, FC = 0.23**



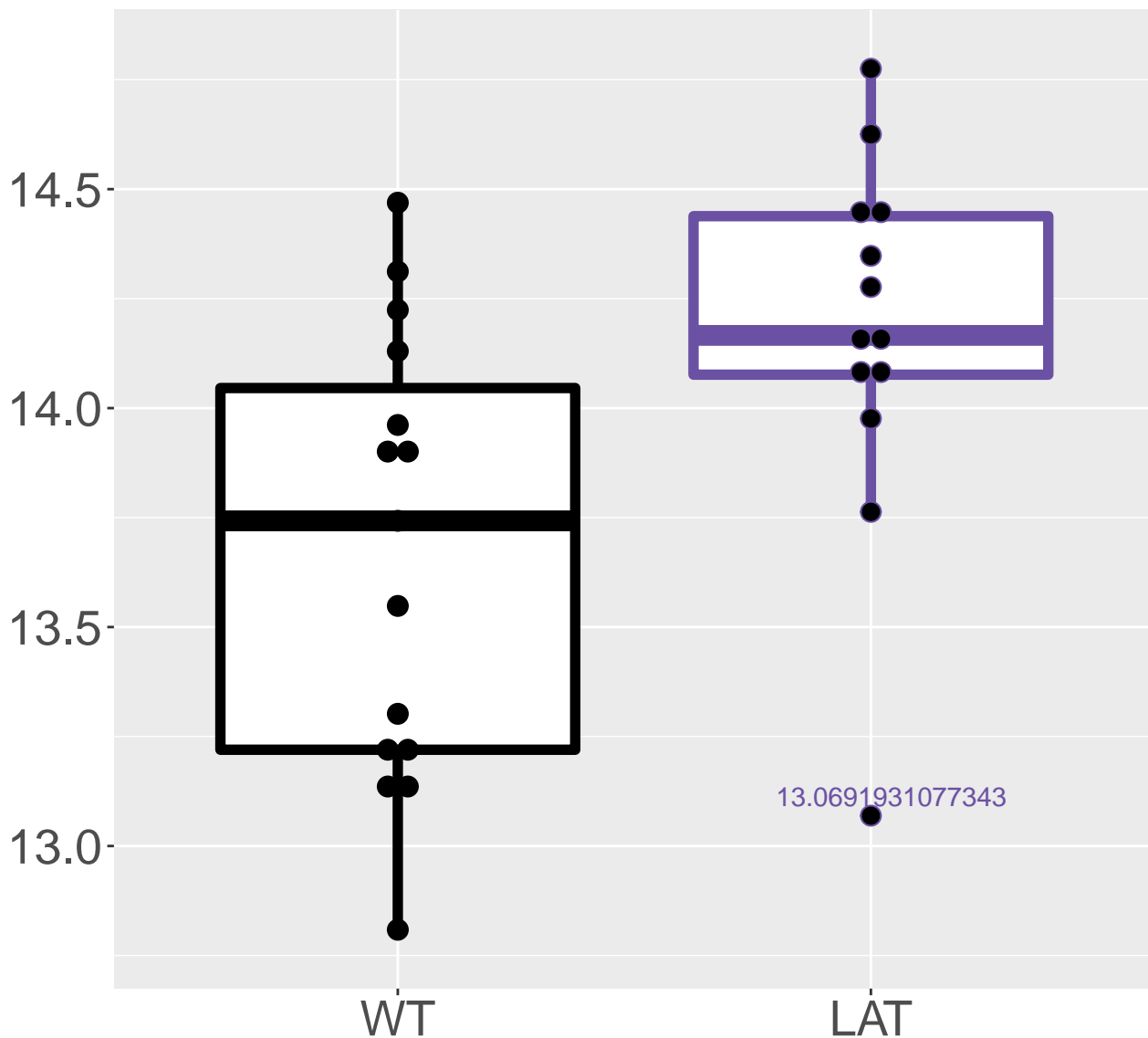
**M317.0626T564.53**

**FDR = 0.029, FC = -0.71**

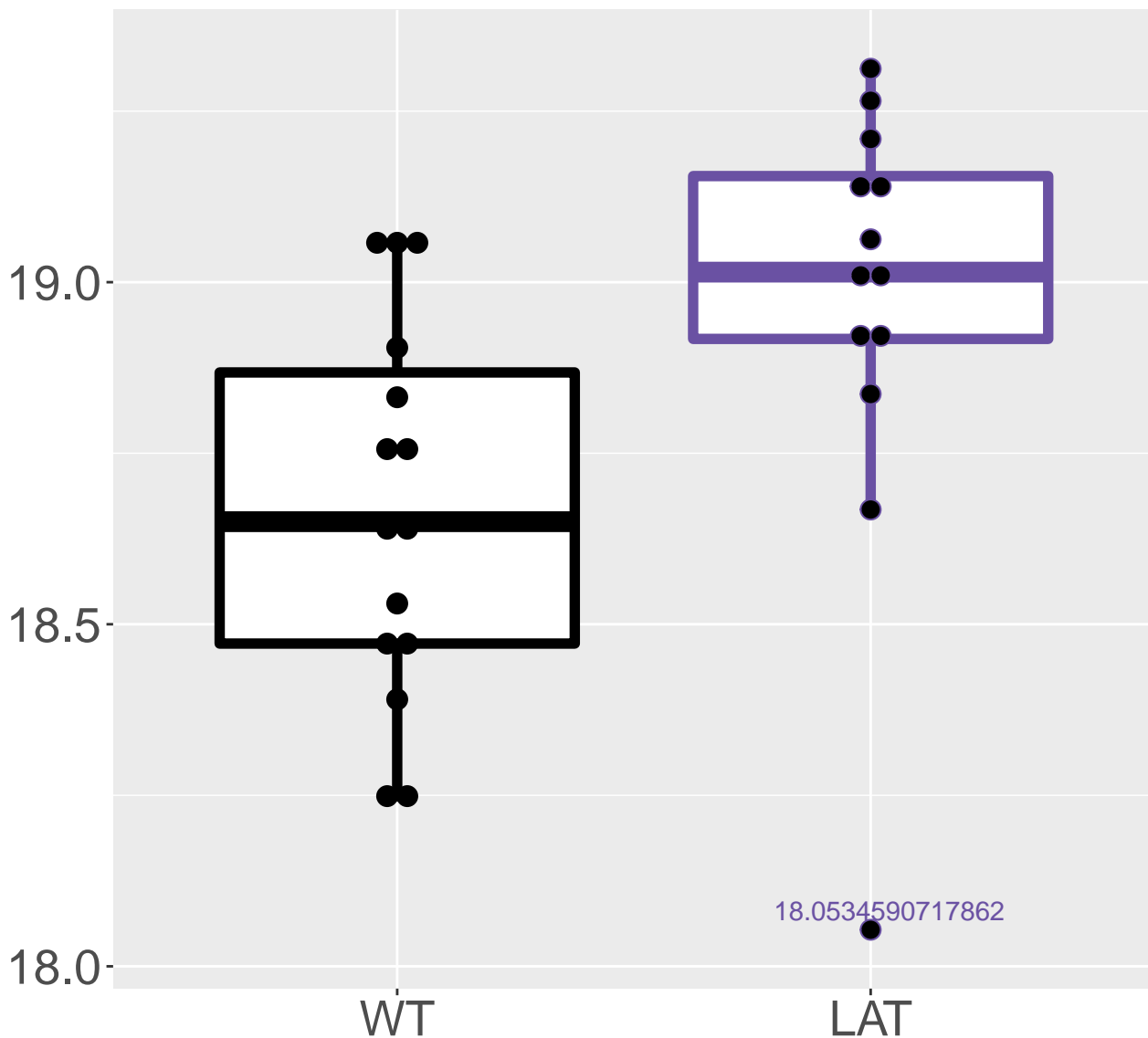




**M129.7385T555.81\_5**  
**FDR = 0.029, FC = 0.5**

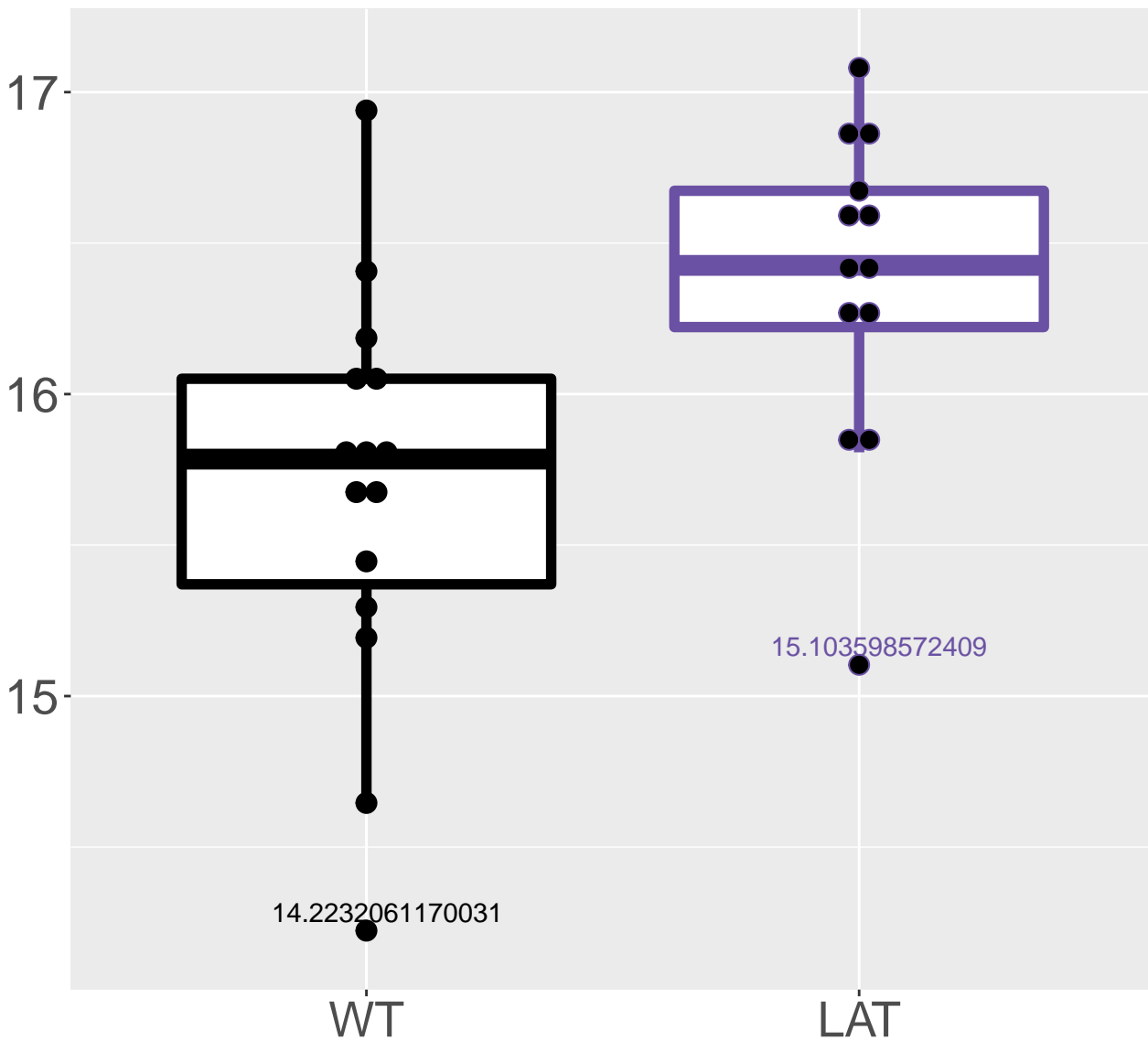


**M293.1147T245.79**  
**FDR = 0.029, FC = 0.29**

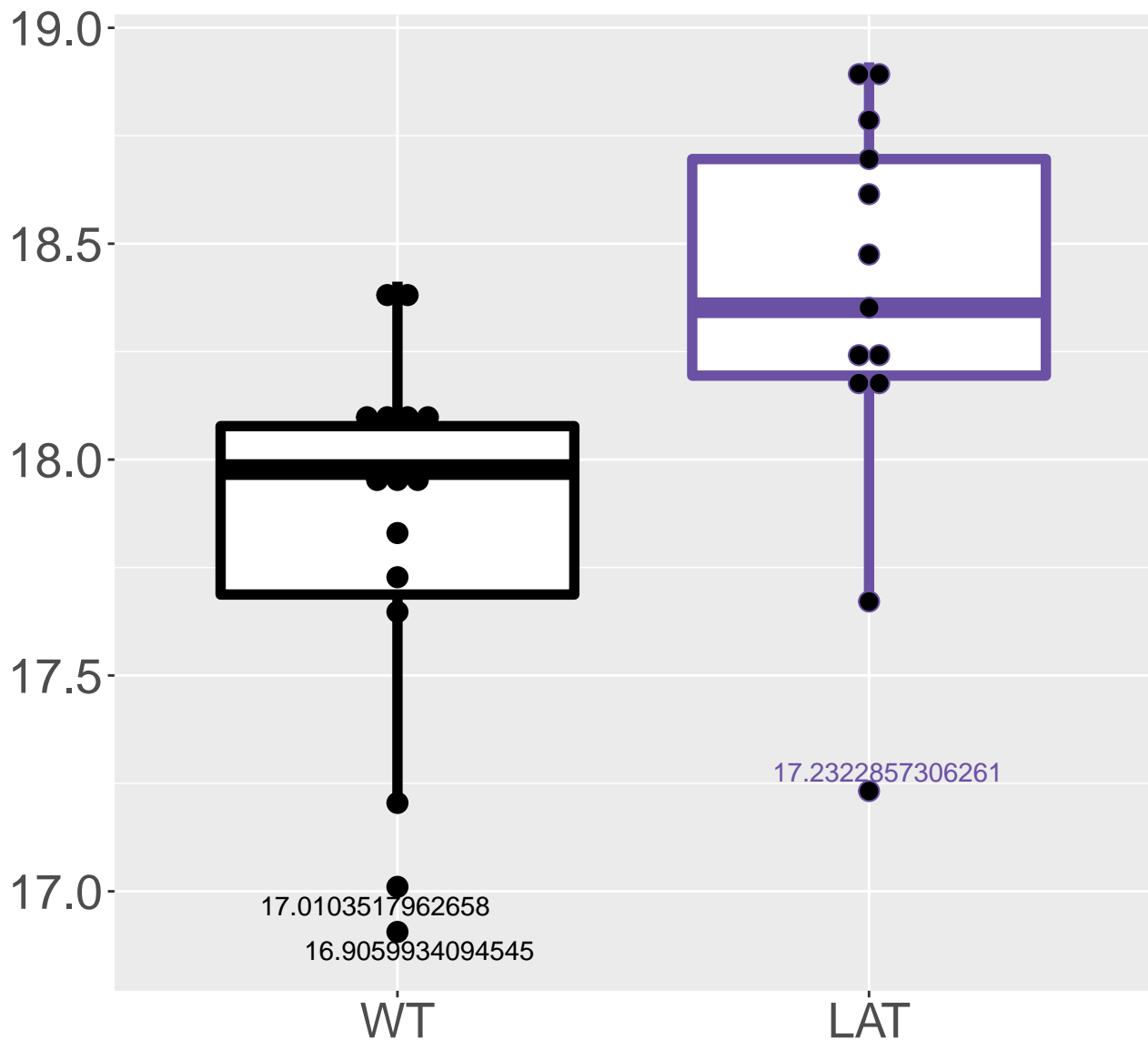


# Tridecanoic acid

FDR = 0.029, FC = 0.69

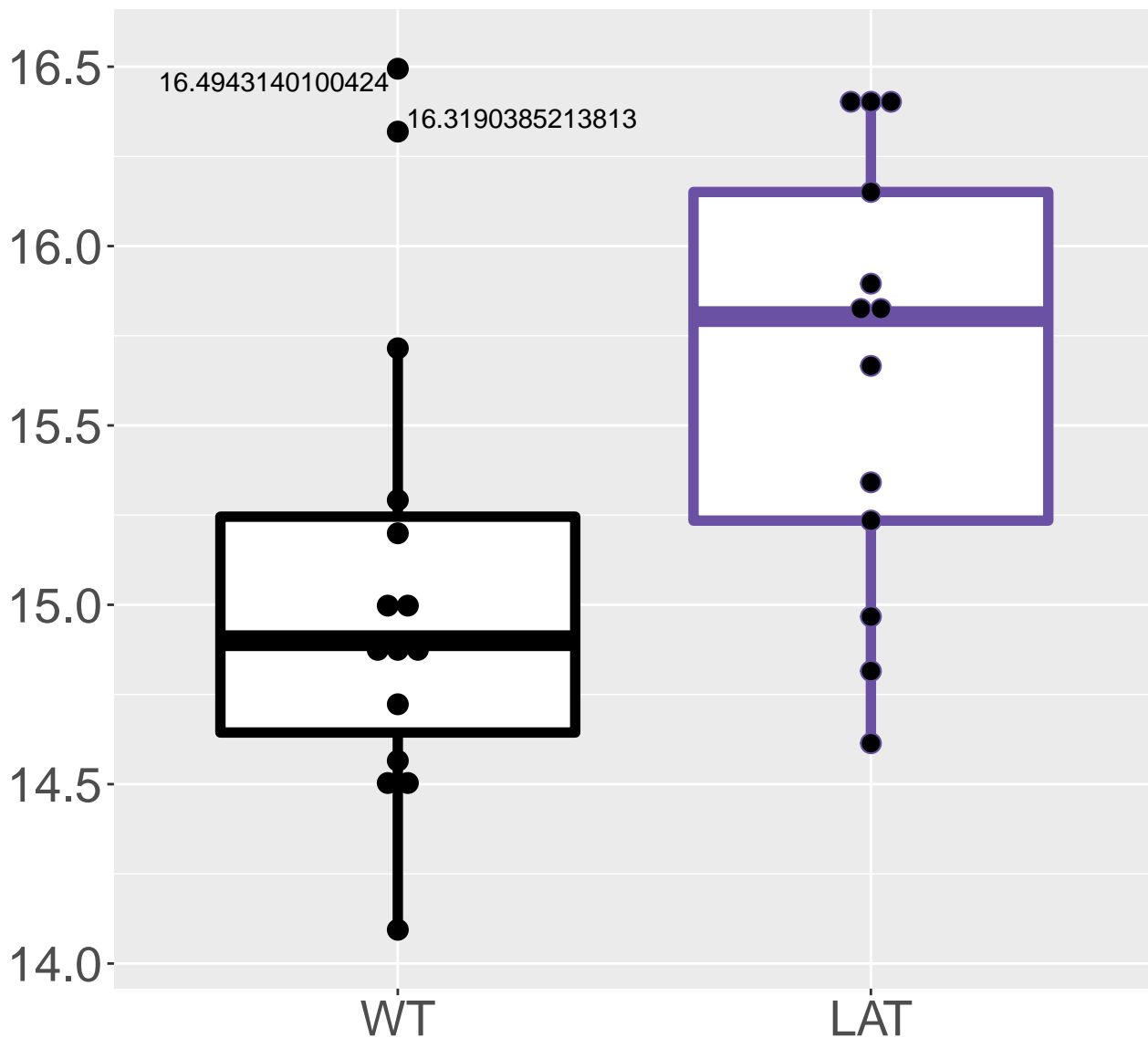


**M162.9401T227.27**  
**FDR = 0.029, FC = 0.52**

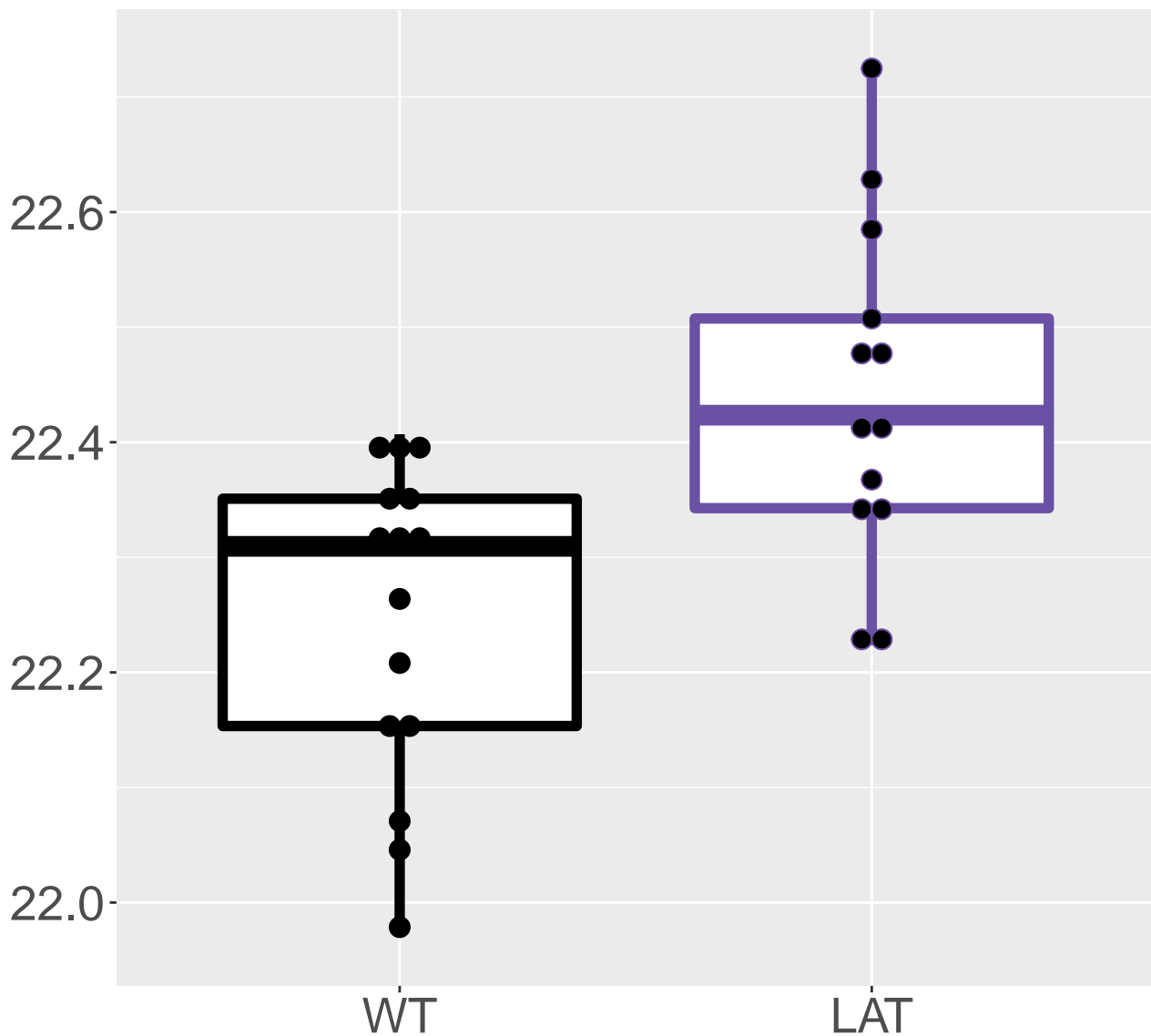


**M242.1405T92.31**

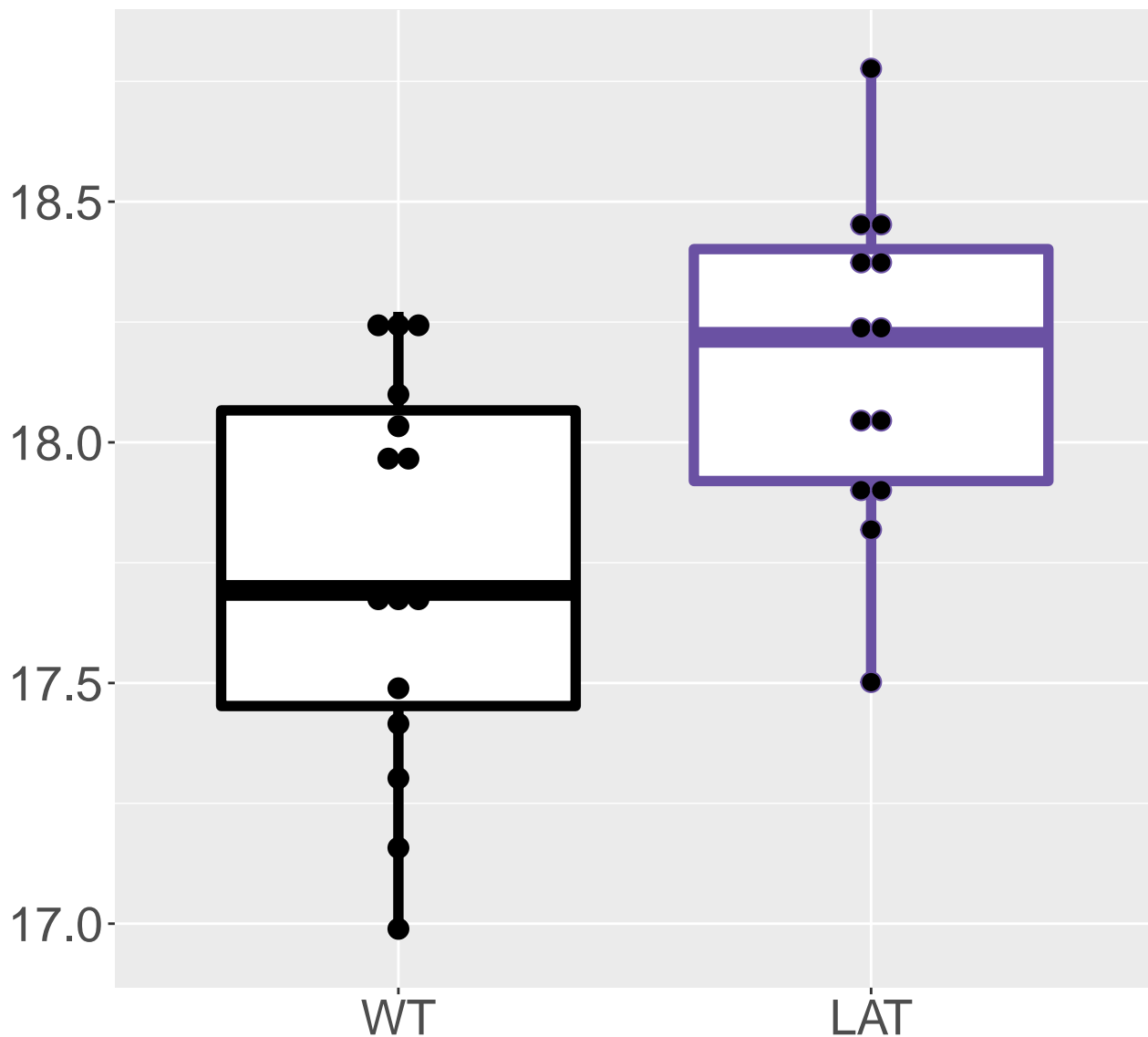
**FDR = 0.03, FC = 0.59, sex\*\*\***



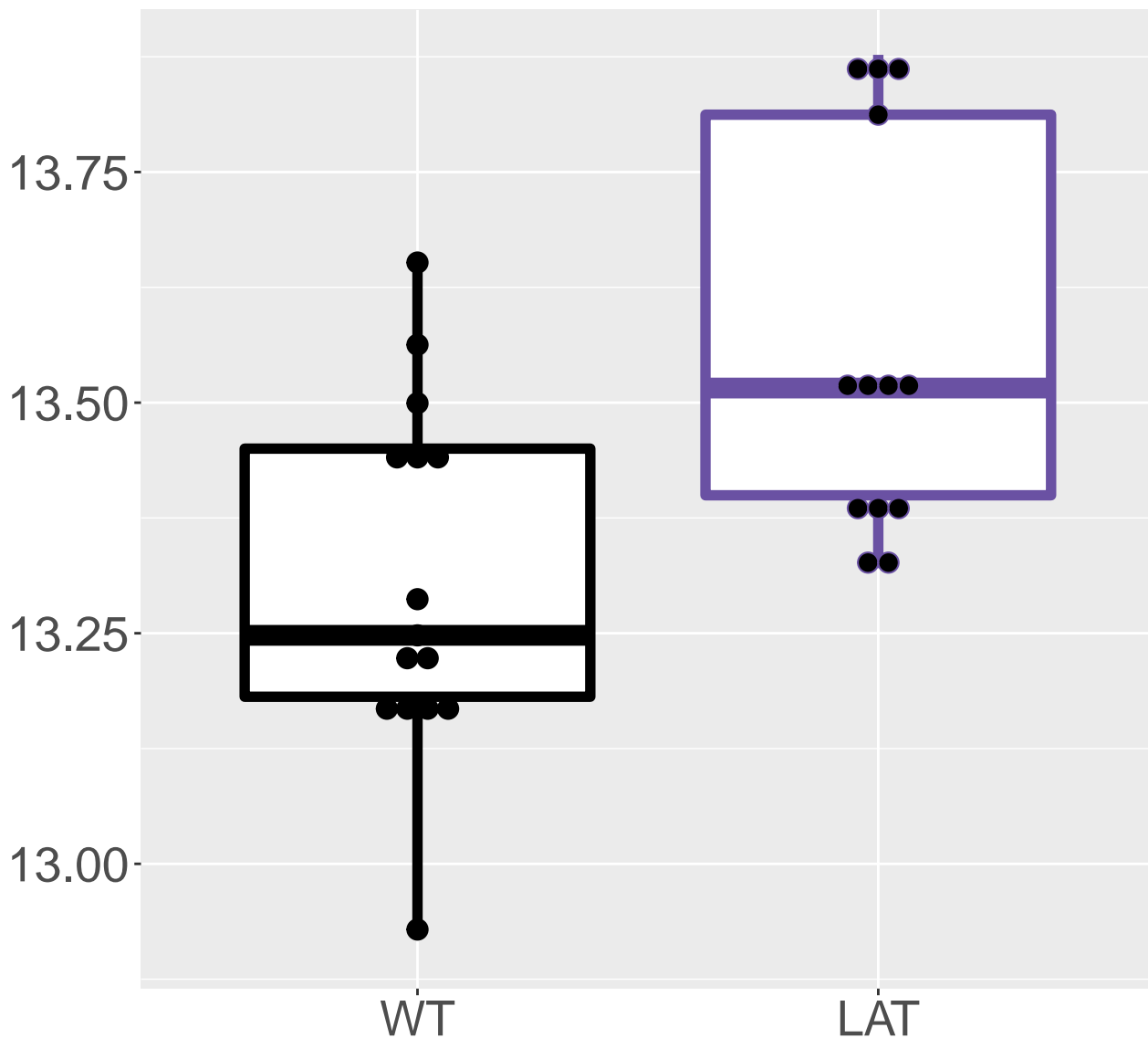
**M205.9662T993.61**  
**FDR = 0.03, FC = 0.19**



**M87.3489T252.72\_40**  
**FDR = 0.03, FC = 0.42**



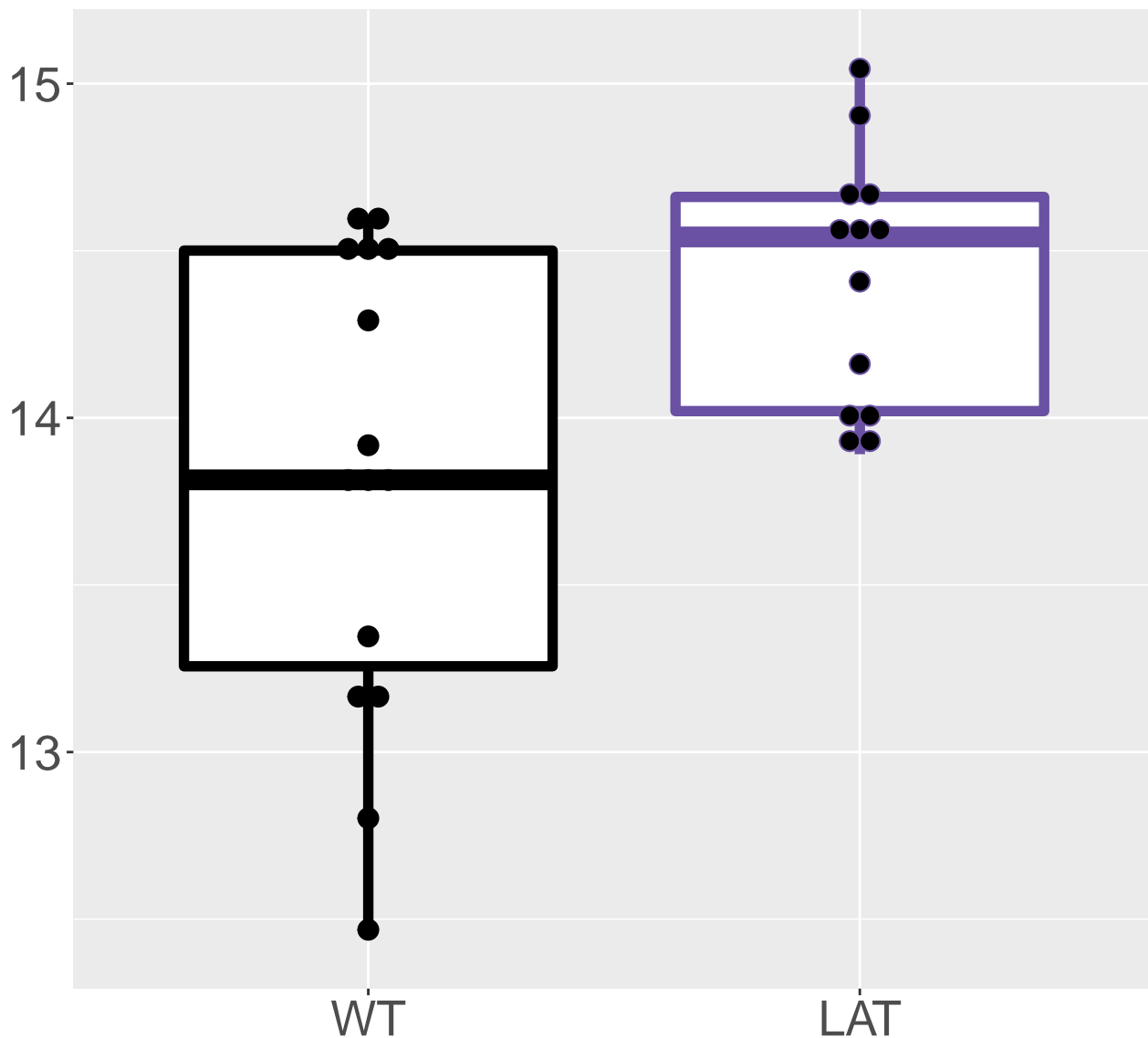
**M250.9192T1021.01**  
**FDR = 0.03, FC = 0.25**





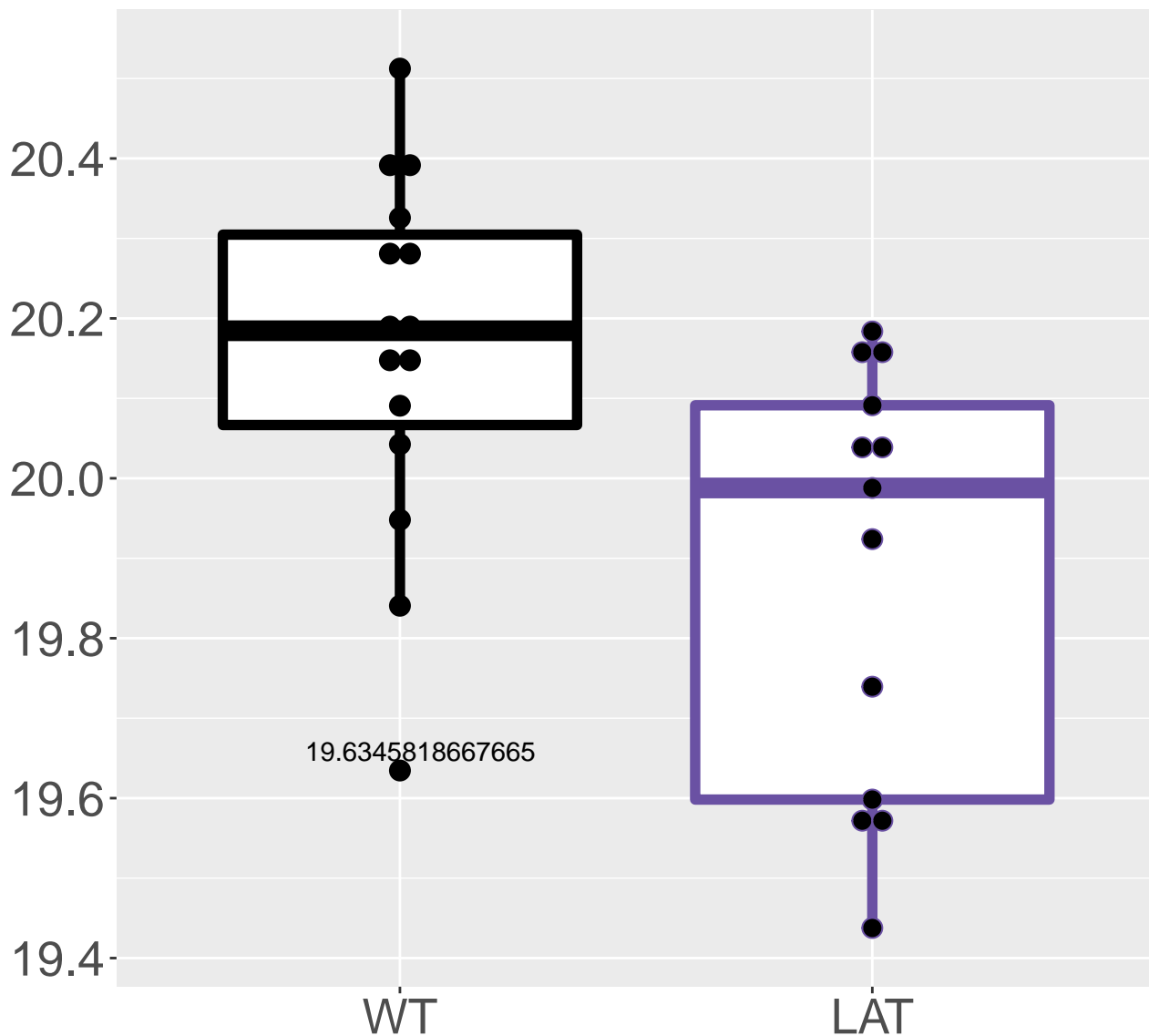
**M442.13T160**

**FDR = 0.03, FC = 0.6**

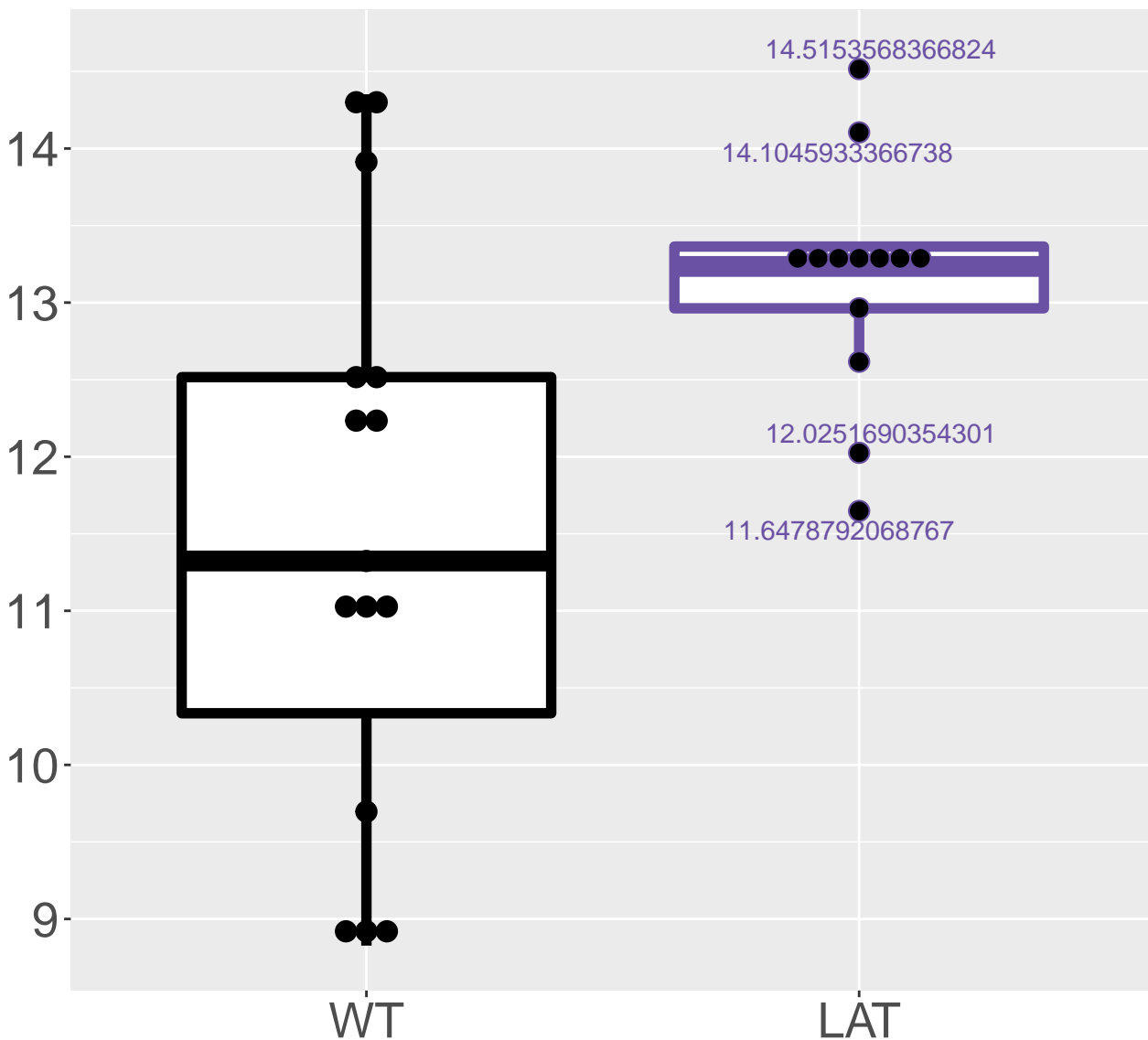


**M226.0573T328.38**

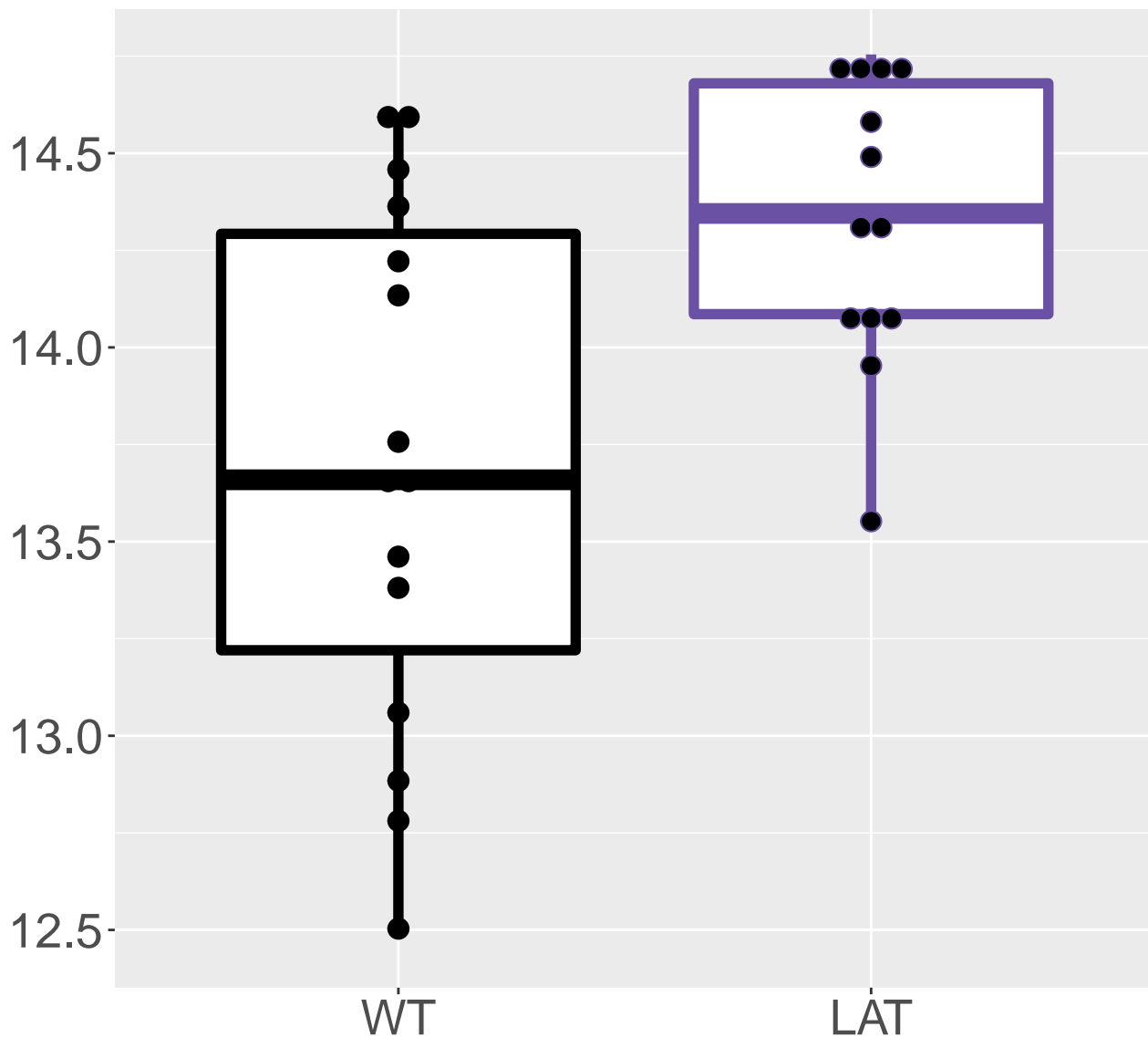
**FDR = 0.03, FC = -0.28, sex\***



**FDR = 0.03, FC = 1.6**

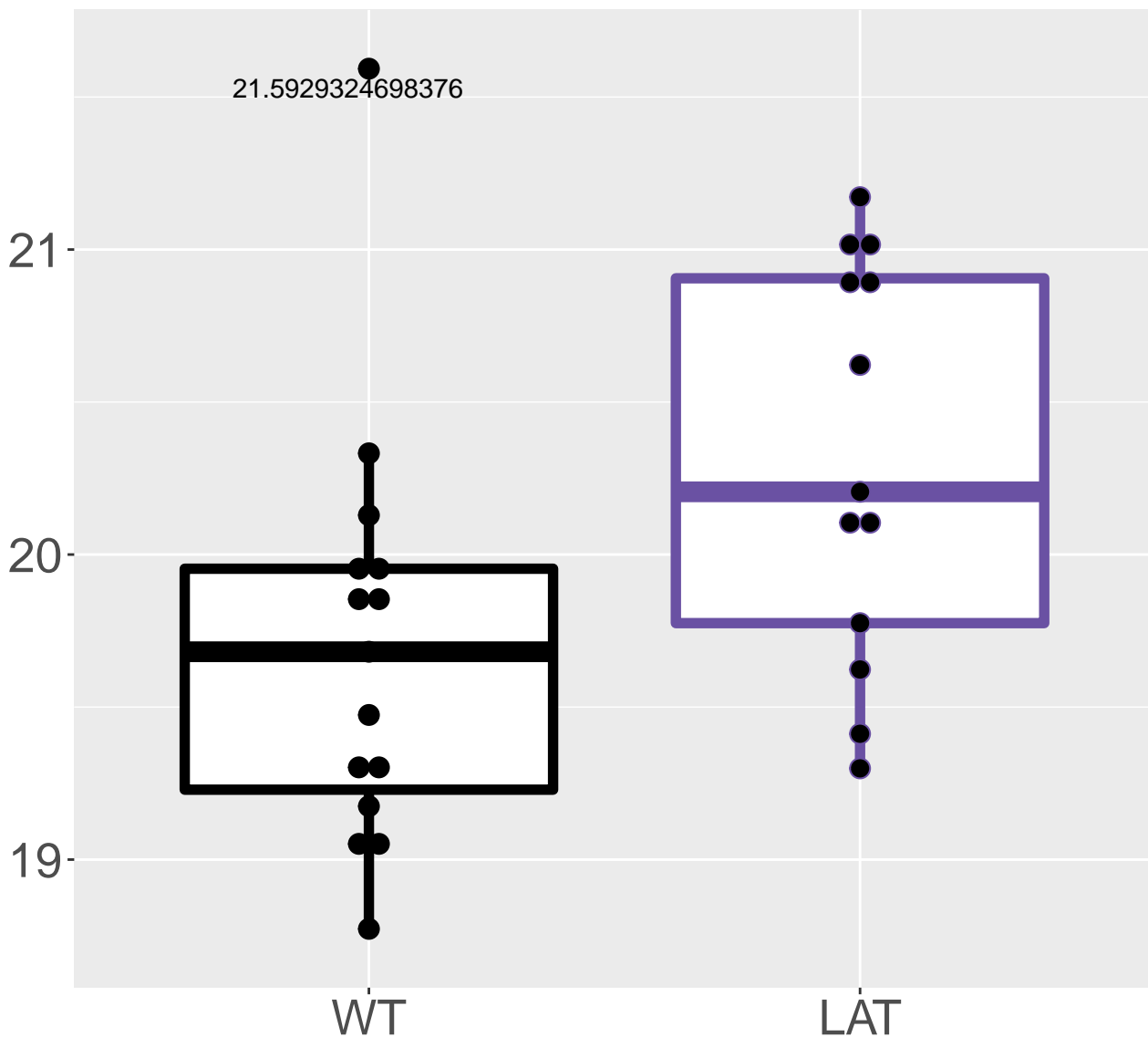


**M440.3951T993.4**  
**FDR = 0.03, FC = 0.63**



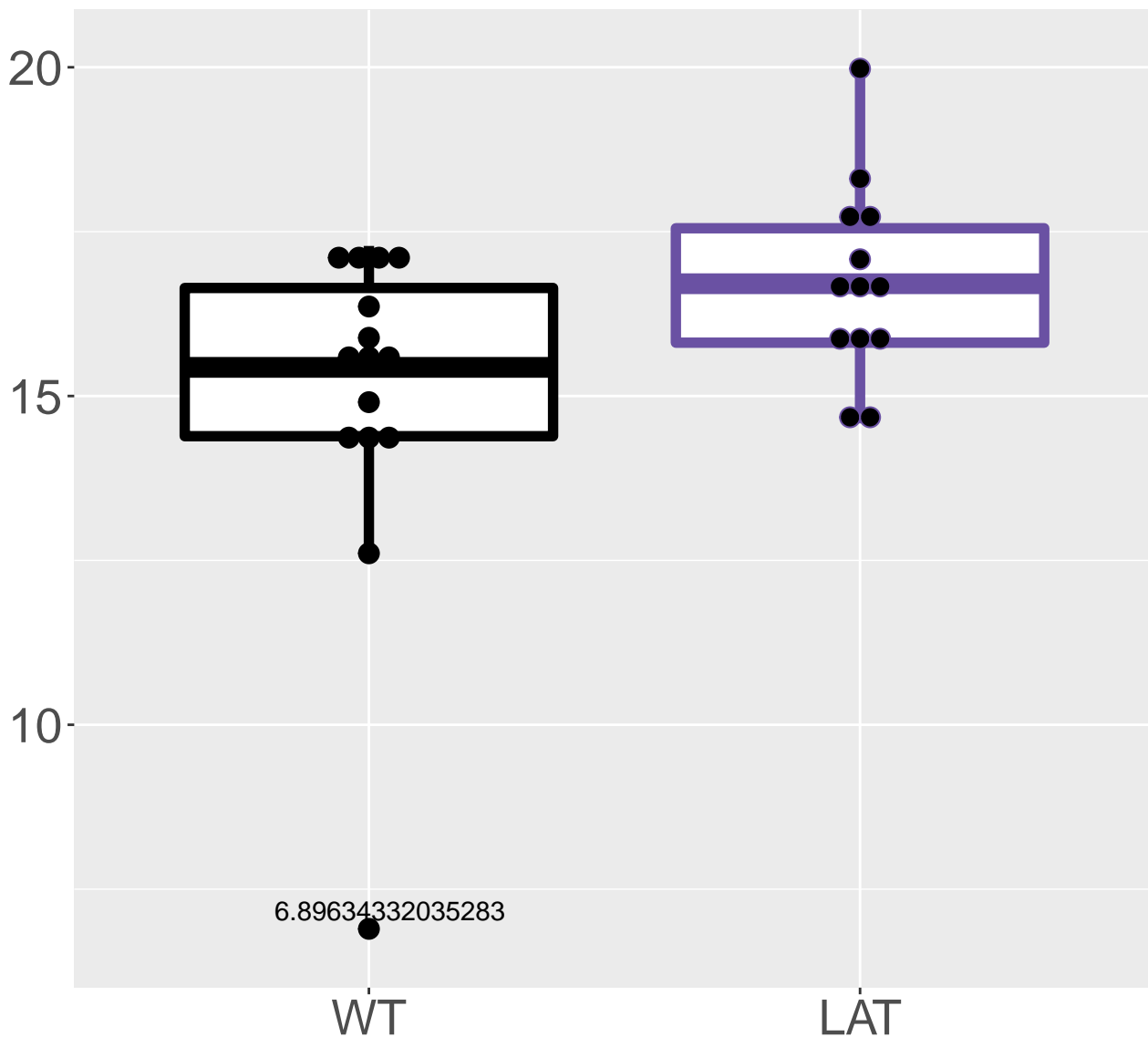
**M155.108T88.19**

**FDR = 0.03, FC = 0.62, sex\*\*\***



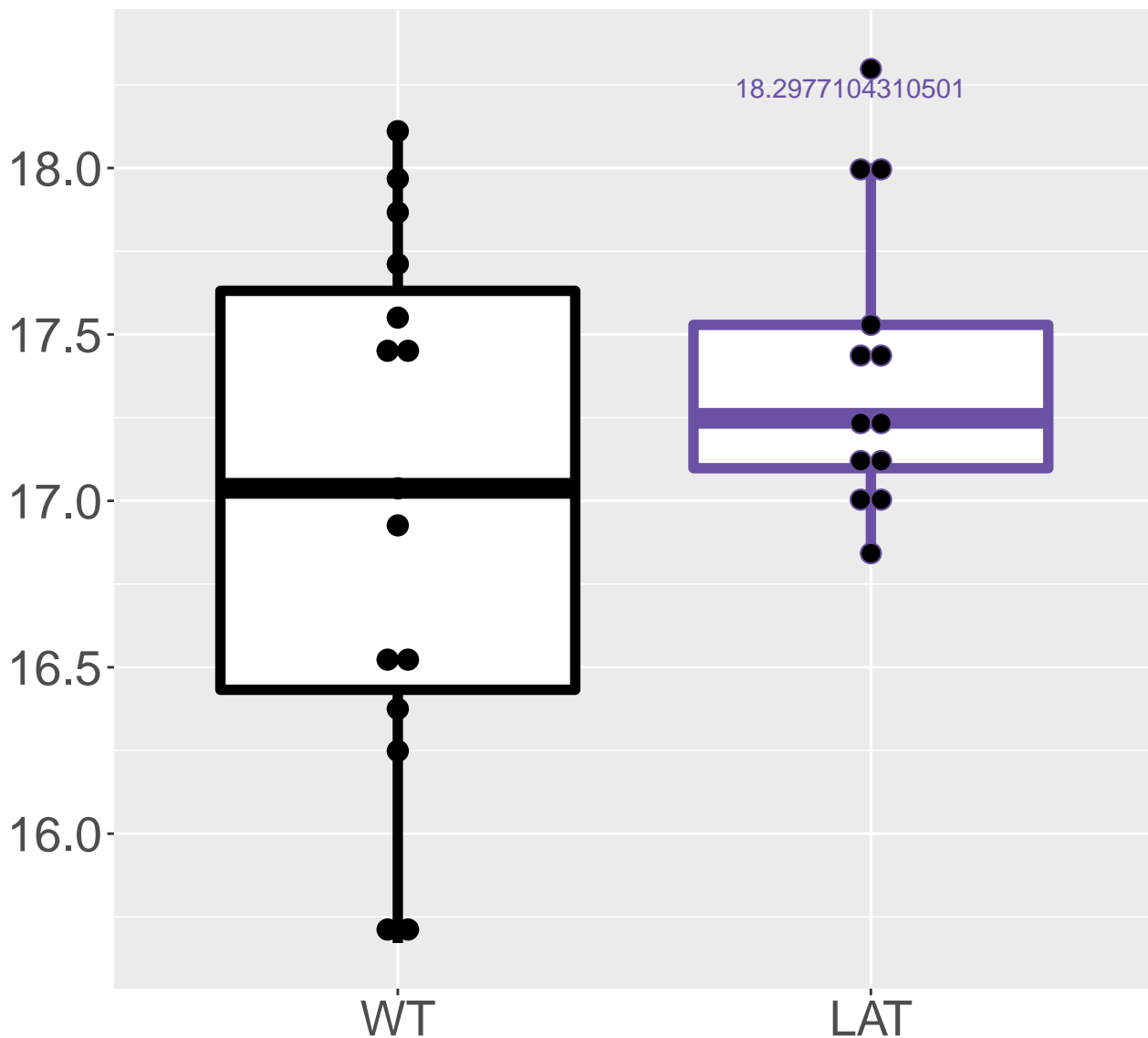
**M330.0873T184.77**

**FDR = 0.03, FC = 1.8, sex\*\***

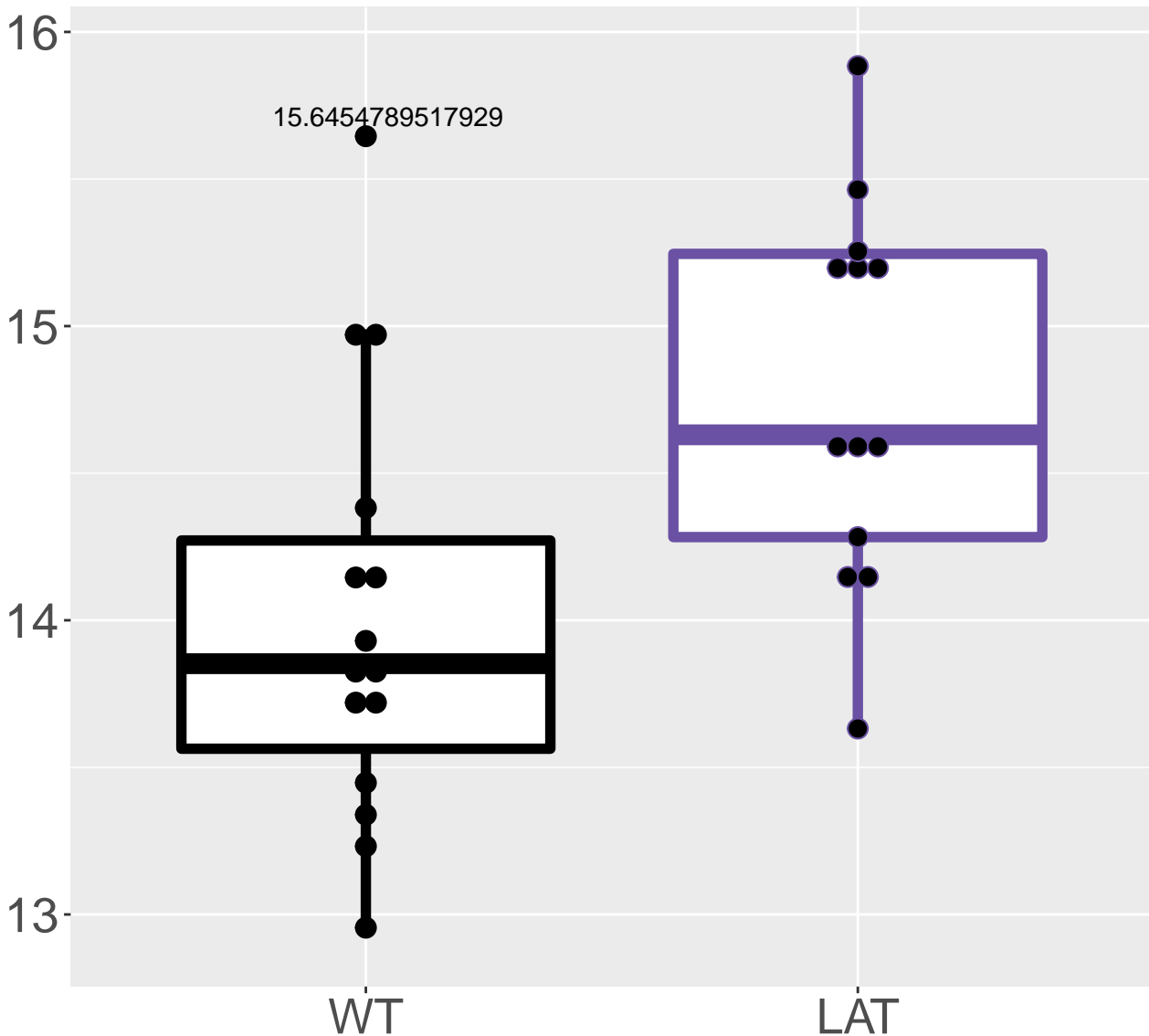


**M256.988T158.58**

**FDR = 0.031, FC = 0.39, sex\*\*\***



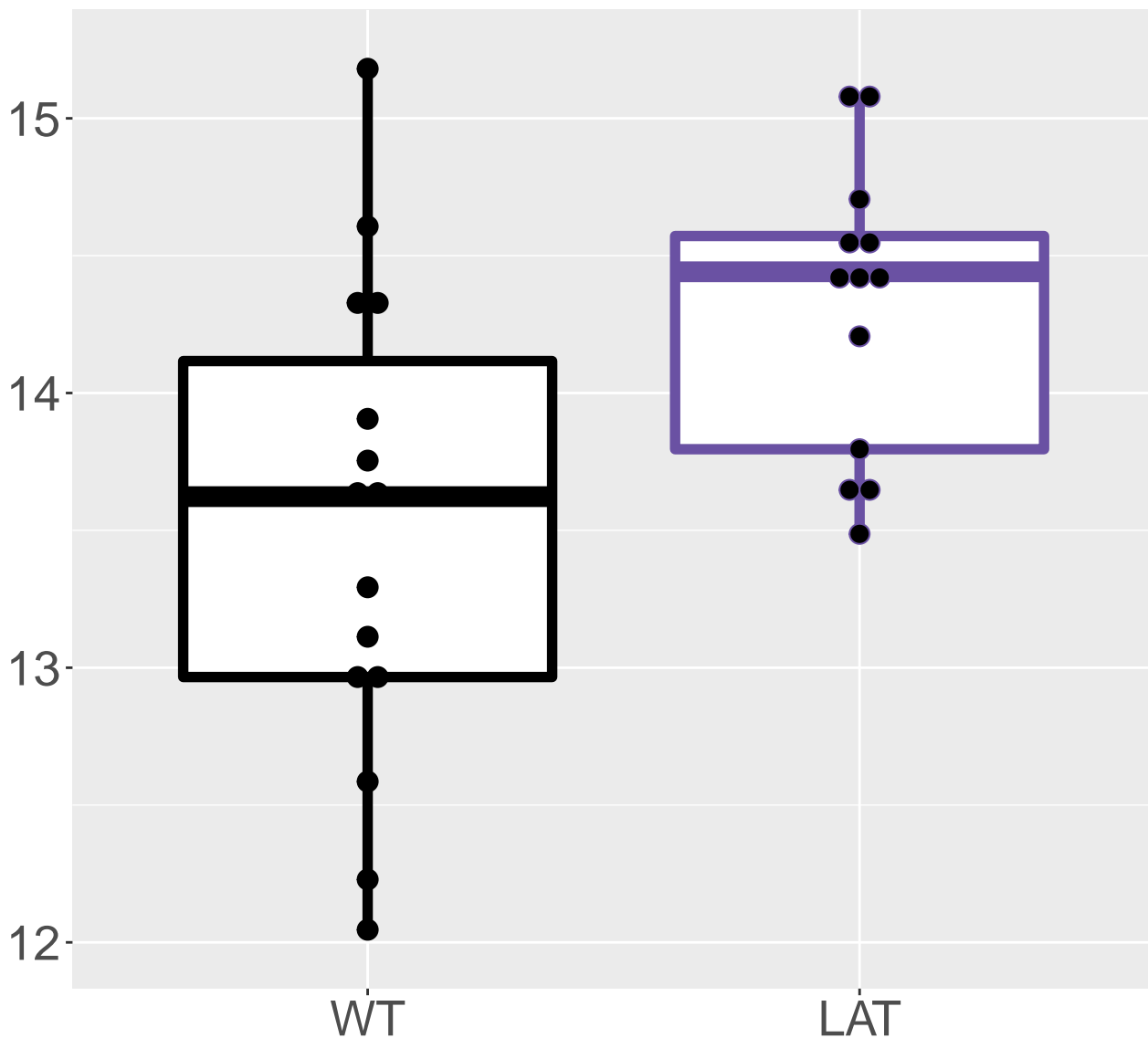
**M212.894T702.03\_2**  
**FDR = 0.031, FC = 0.77**





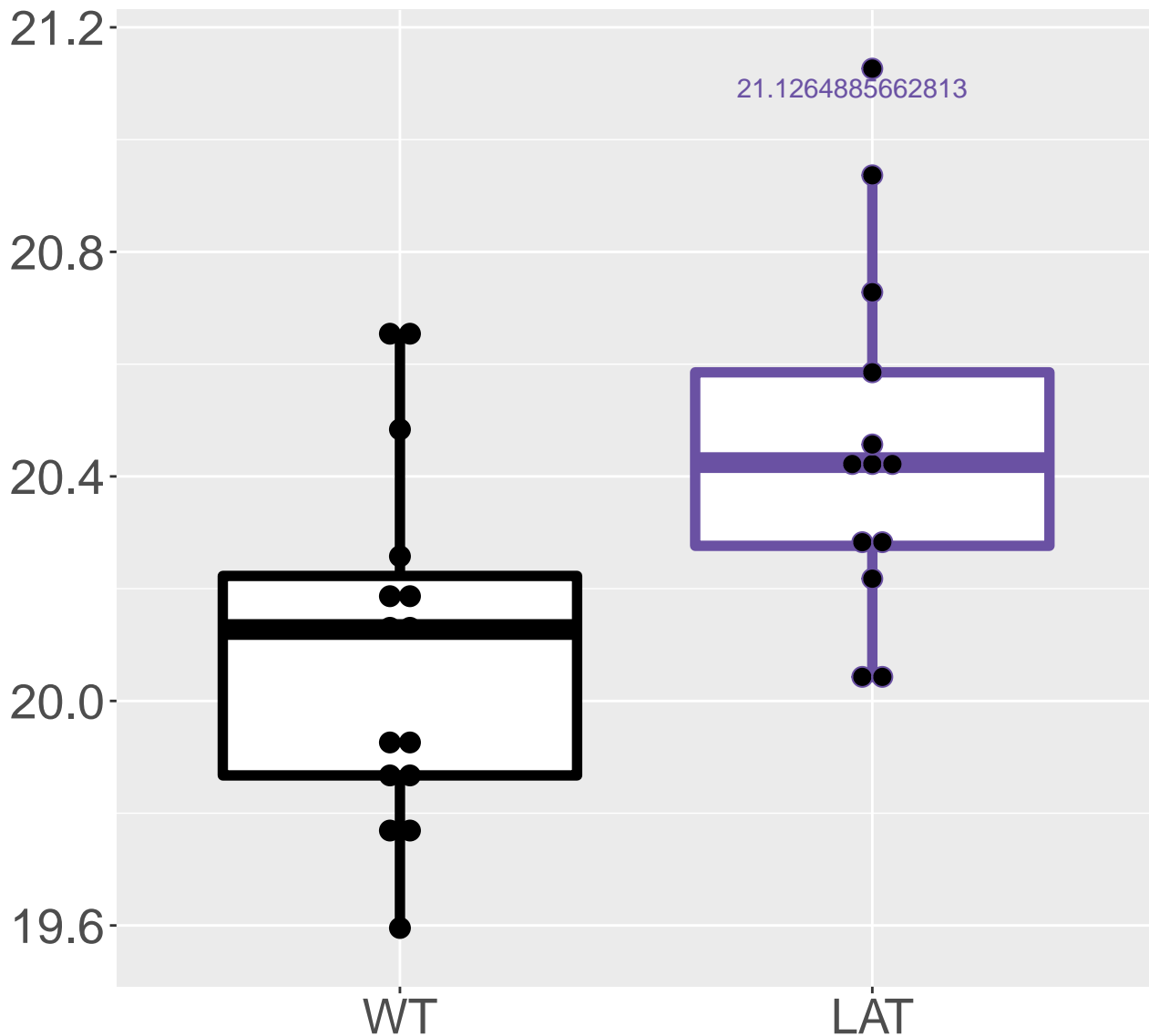
**M224.0681T513.75**

**FDR = 0.031, FC = 0.8**

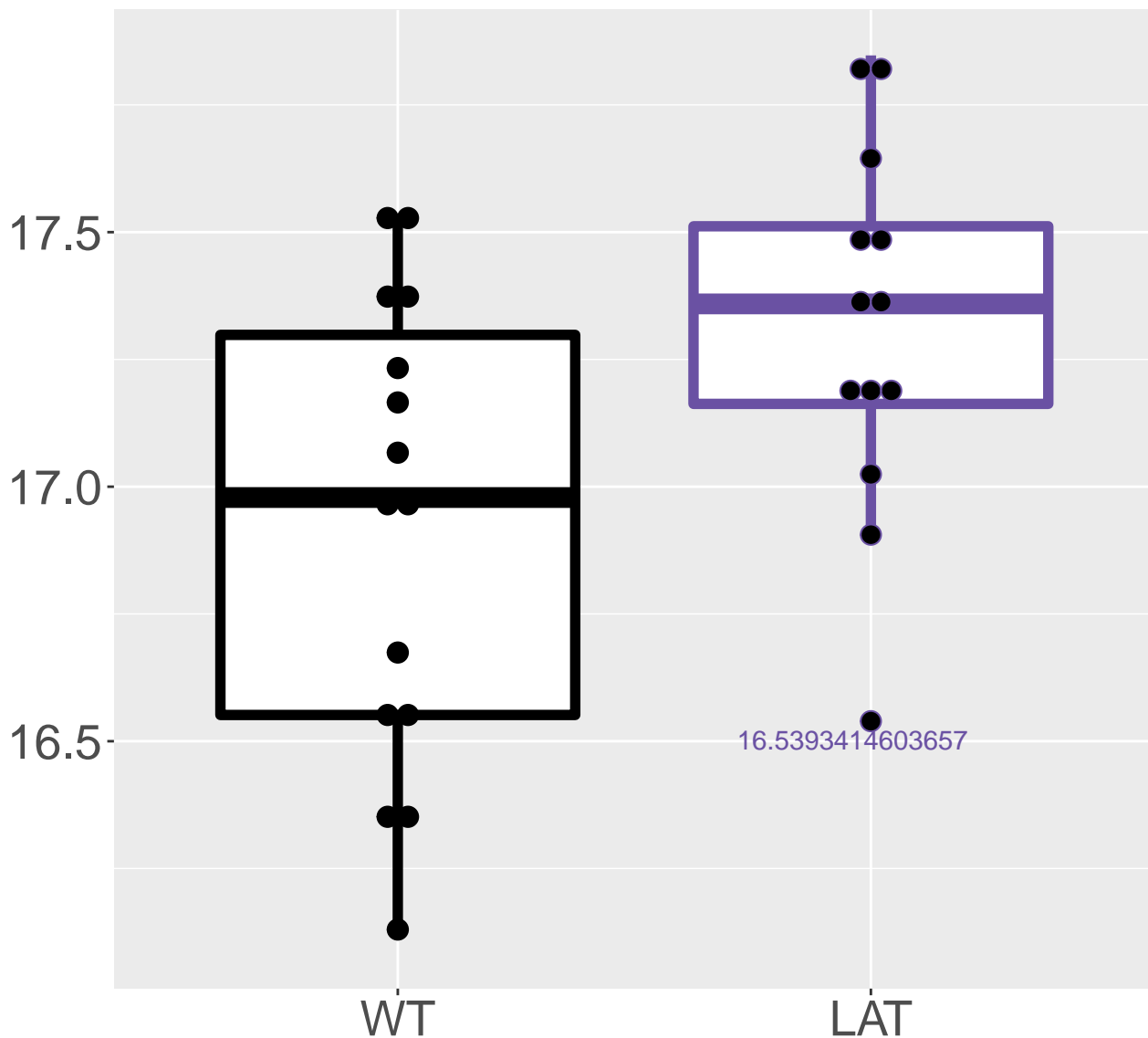


# N-Acetyl-L-alanine;N-Acetylalanine

FDR = 0.032, FC = 0.37

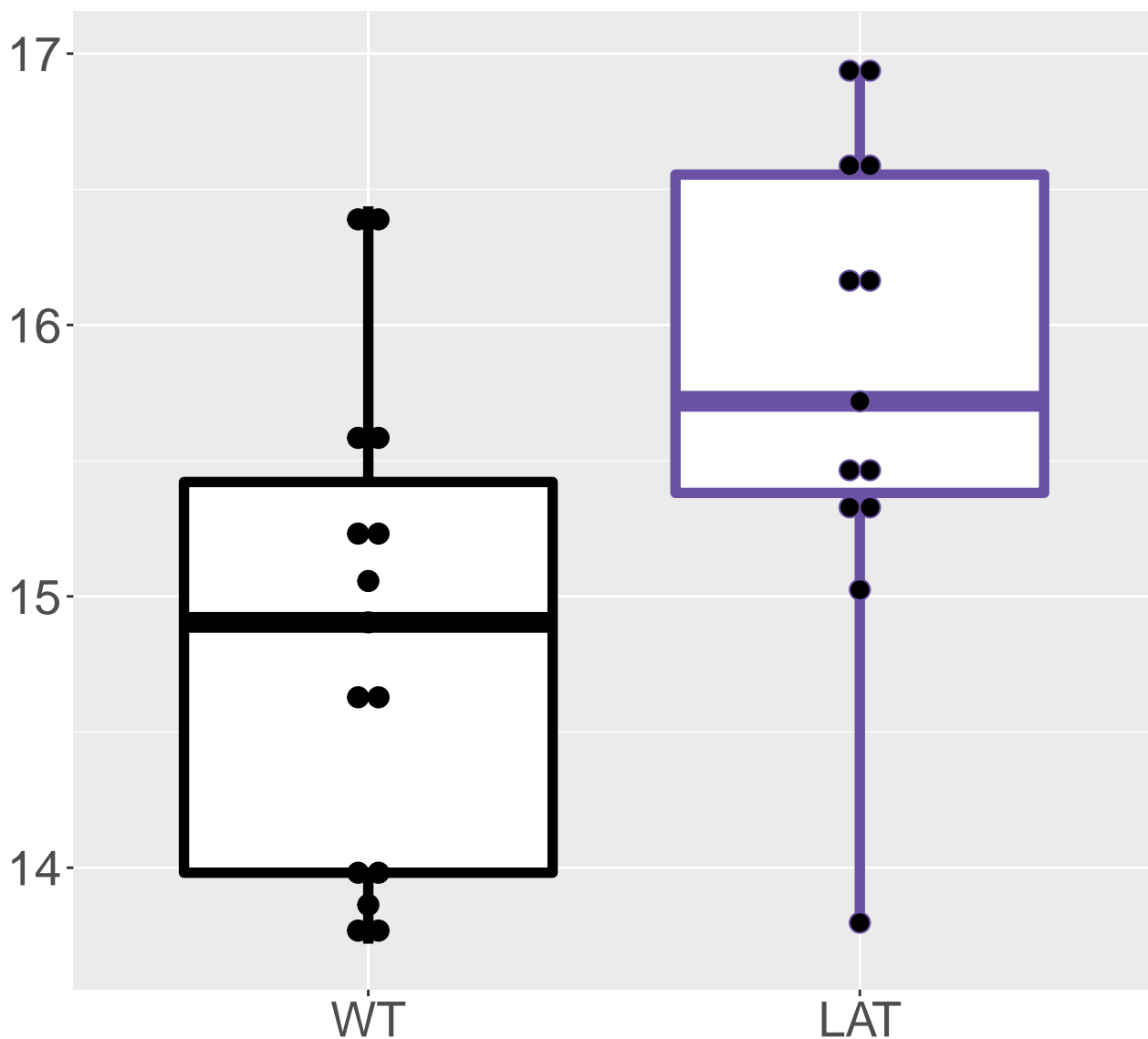


**M411.1741T496.82**  
**FDR = 0.032, FC = 0.39**



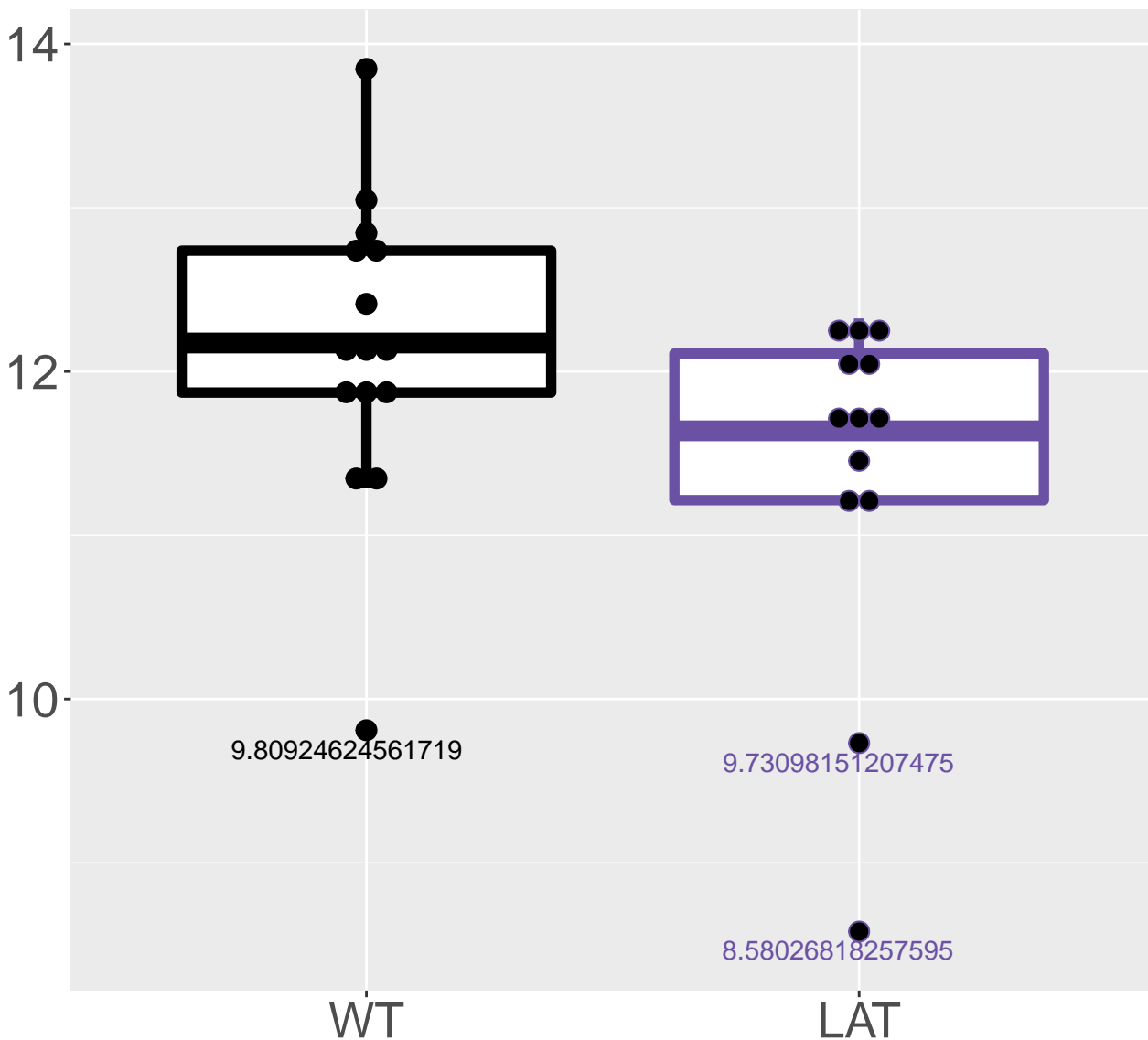
**M179.0914T85.24**

**FDR = 0.032, FC = 0.94**

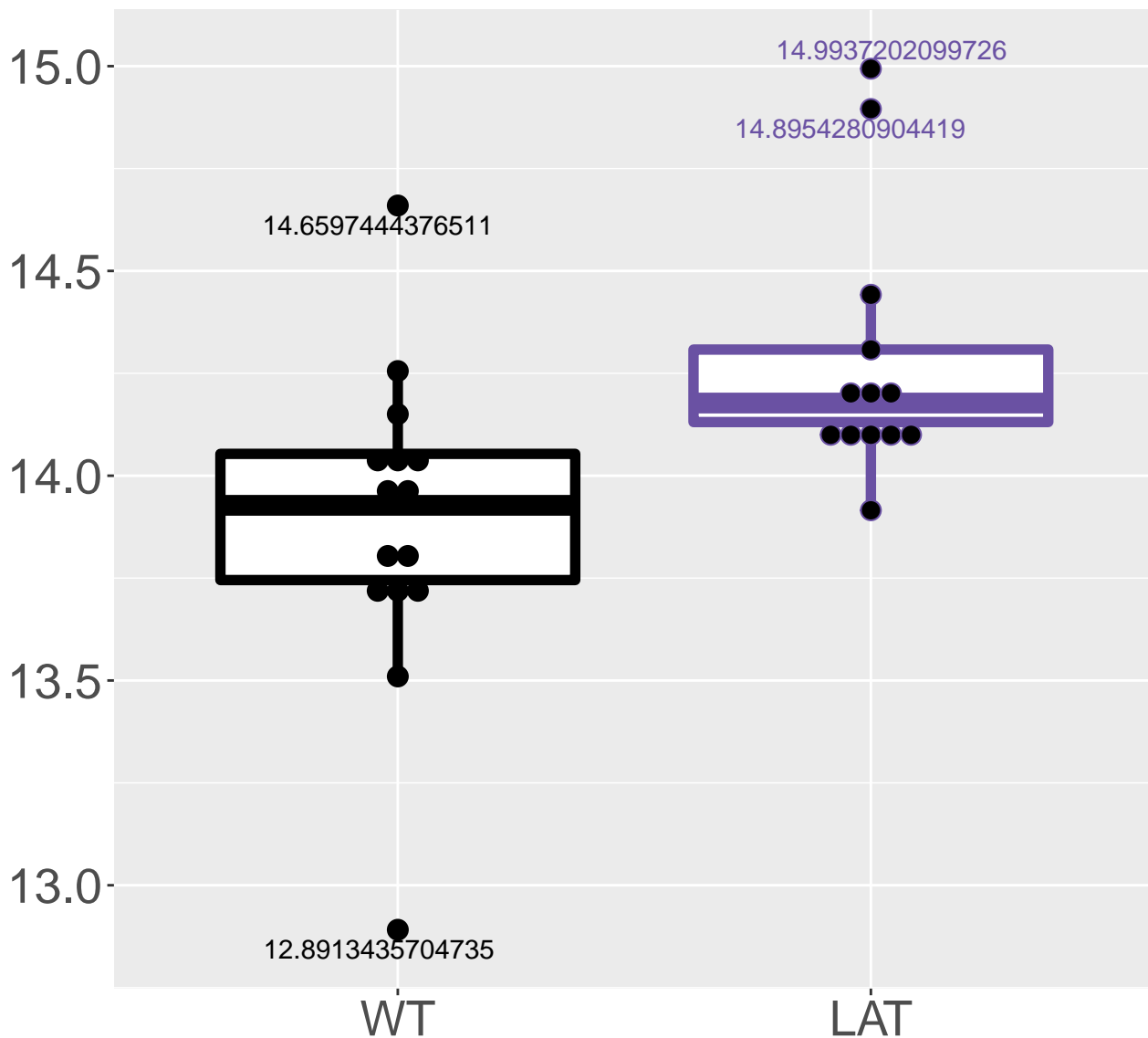


**M287.9247T356.04**

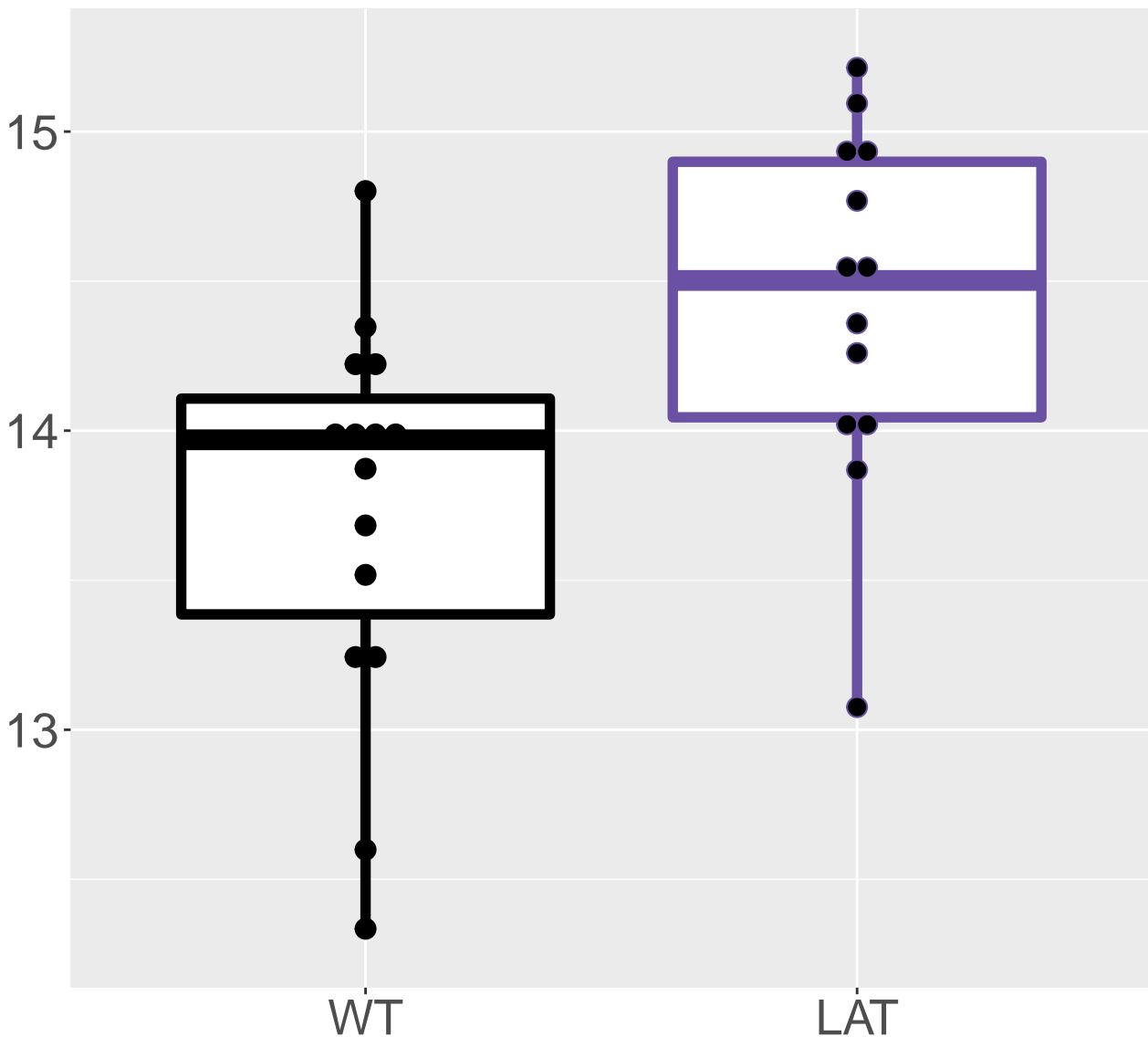
**FDR = 0.032, FC = -0.76, sex\*\***



**M171.0301T136.75**  
**FDR = 0.032, FC = 0.4**

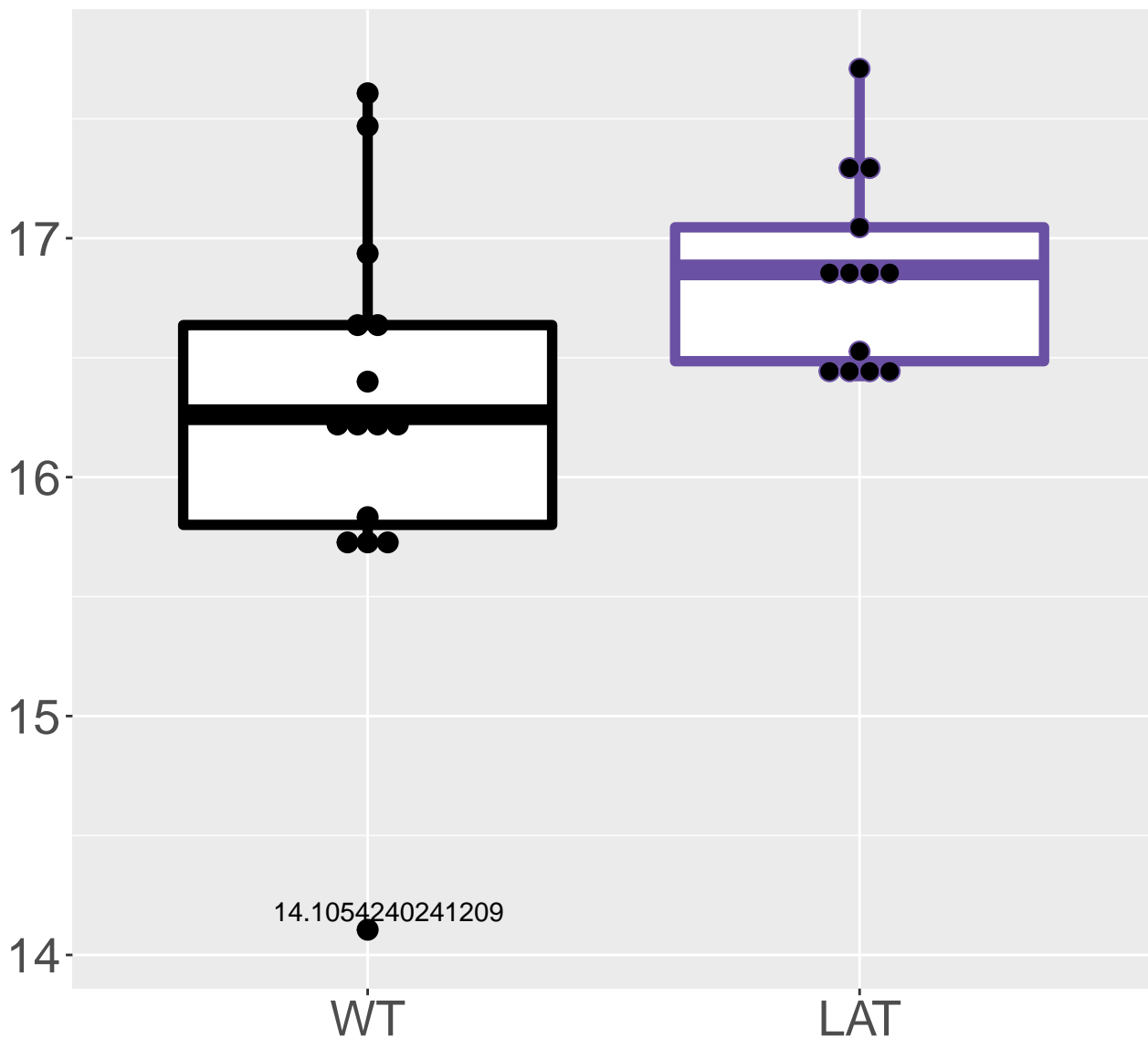


**M130.9029T555.81\_8**  
**FDR = 0.033, FC = 0.7**



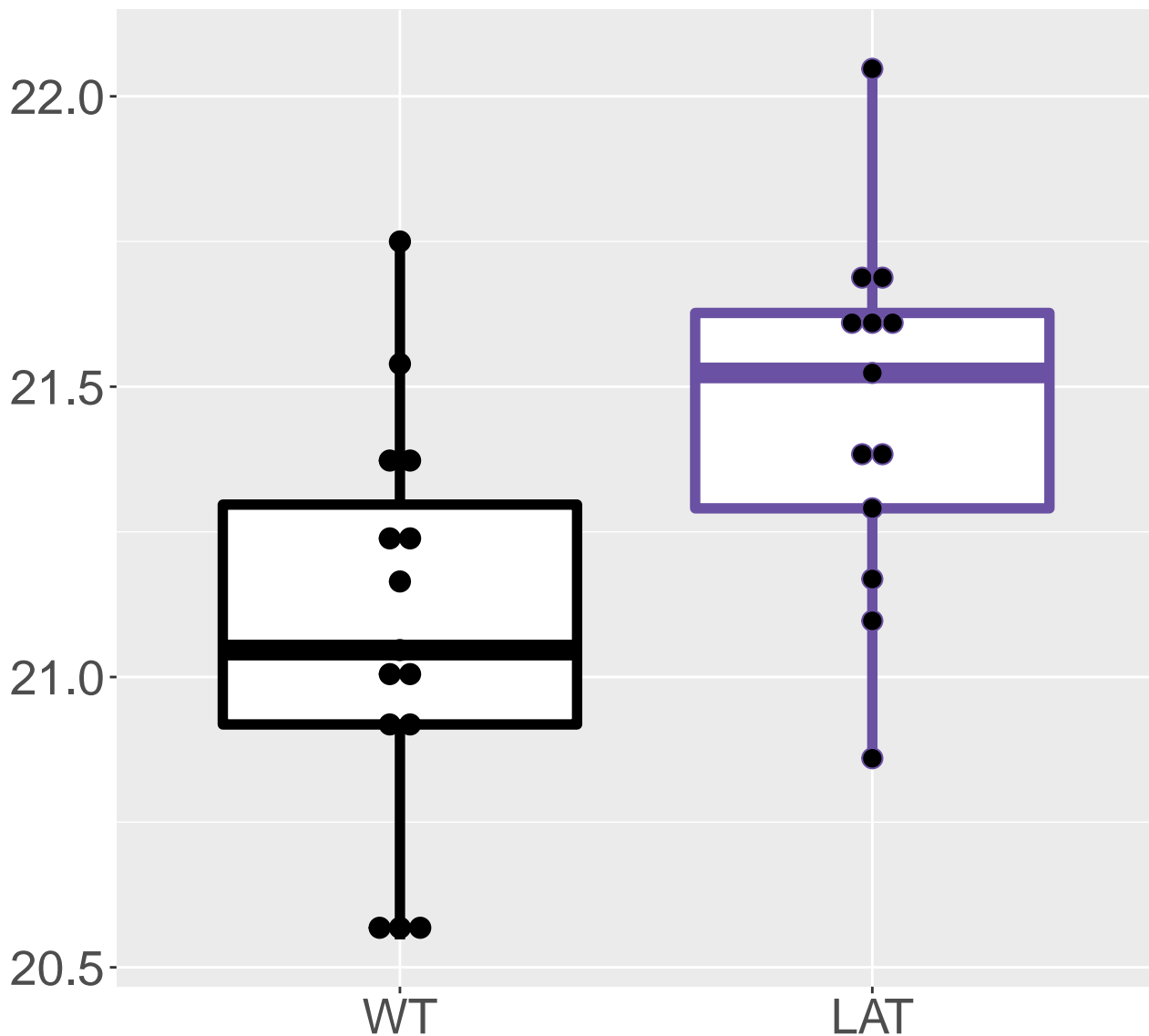
**M88.0123T526.98\_2**

**FDR = 0.033, FC = 0.61, sex\*\*\***

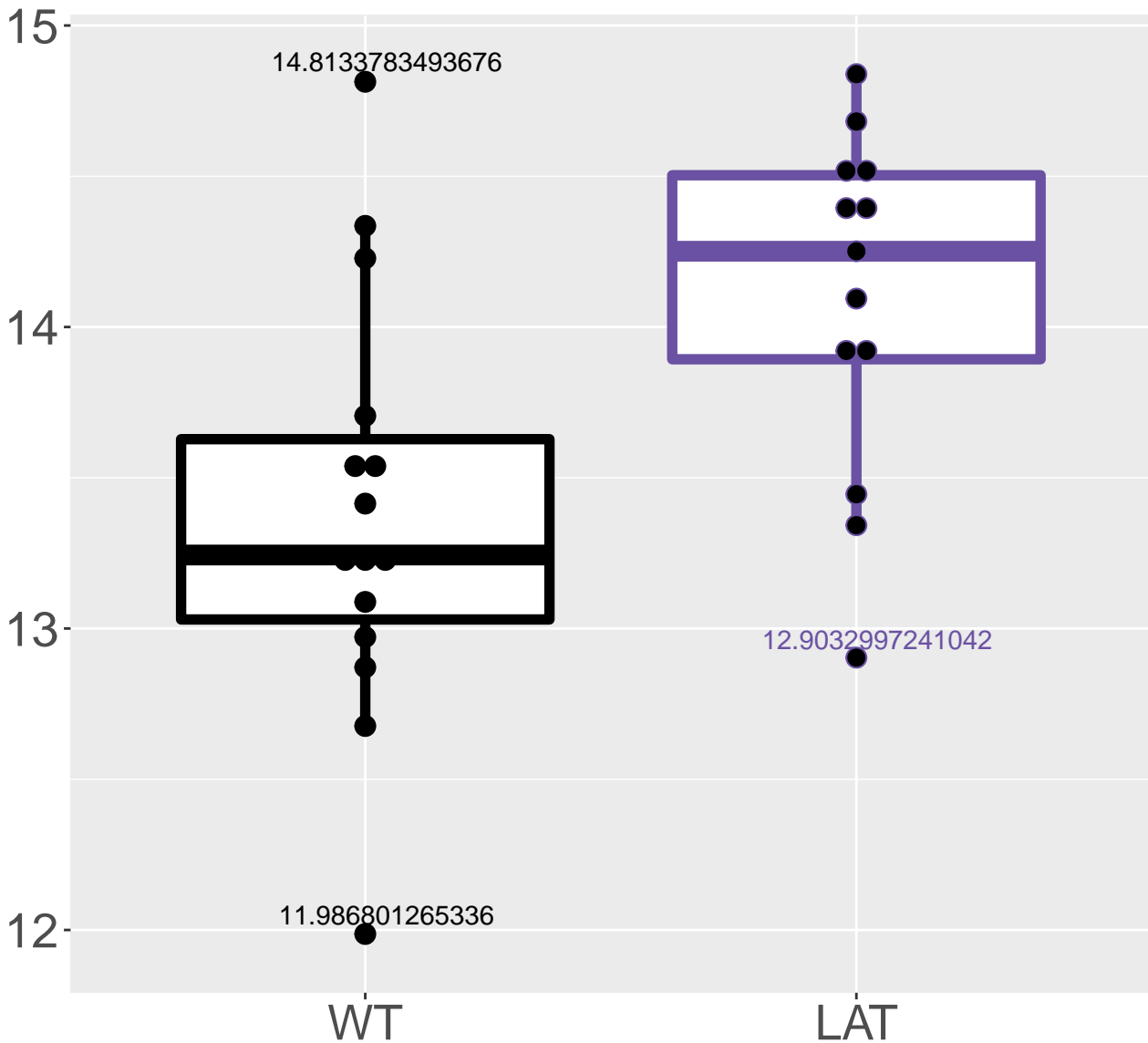




**Uracil**  
**FDR = 0.033, FC = 0.37**

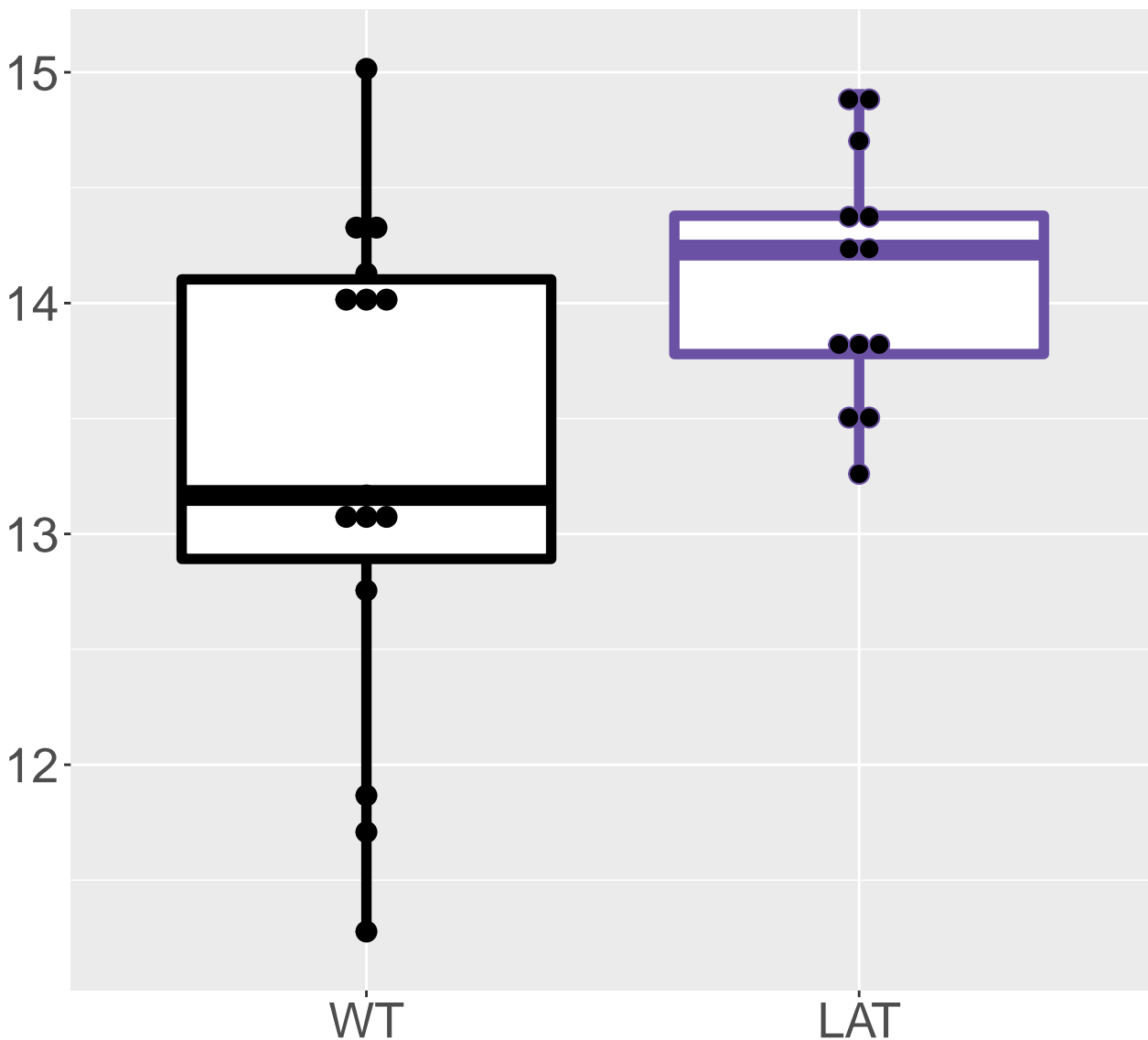


**M234.8761T702.17**  
**FDR = 0.033, FC = 0.7**



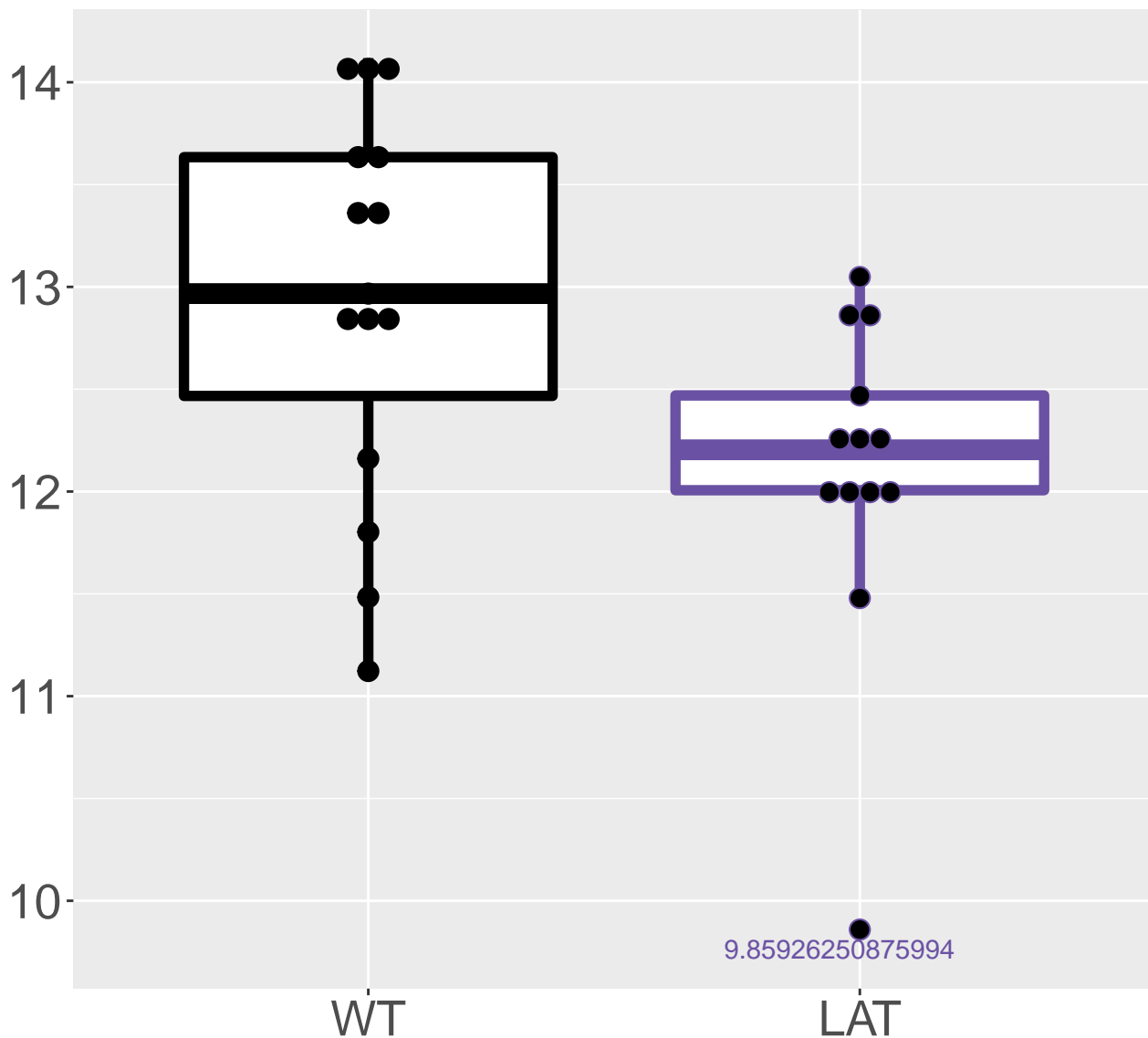
**M319.0789T321.62**

**FDR = 0.033, FC = 0.79, sex\*\***



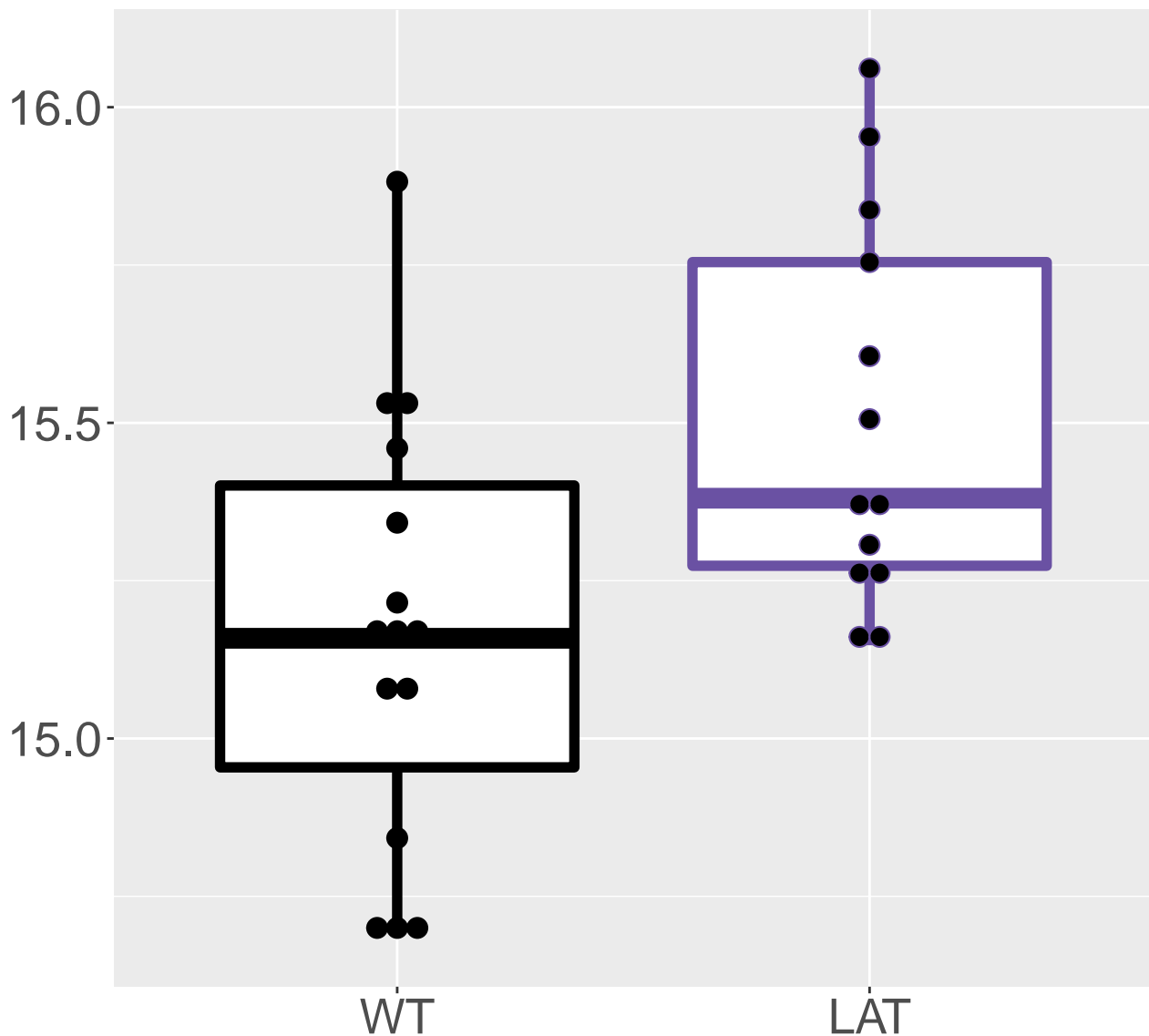
**M653.2668T582.98**

**FDR = 0.034, FC = -0.85, sex\*\***



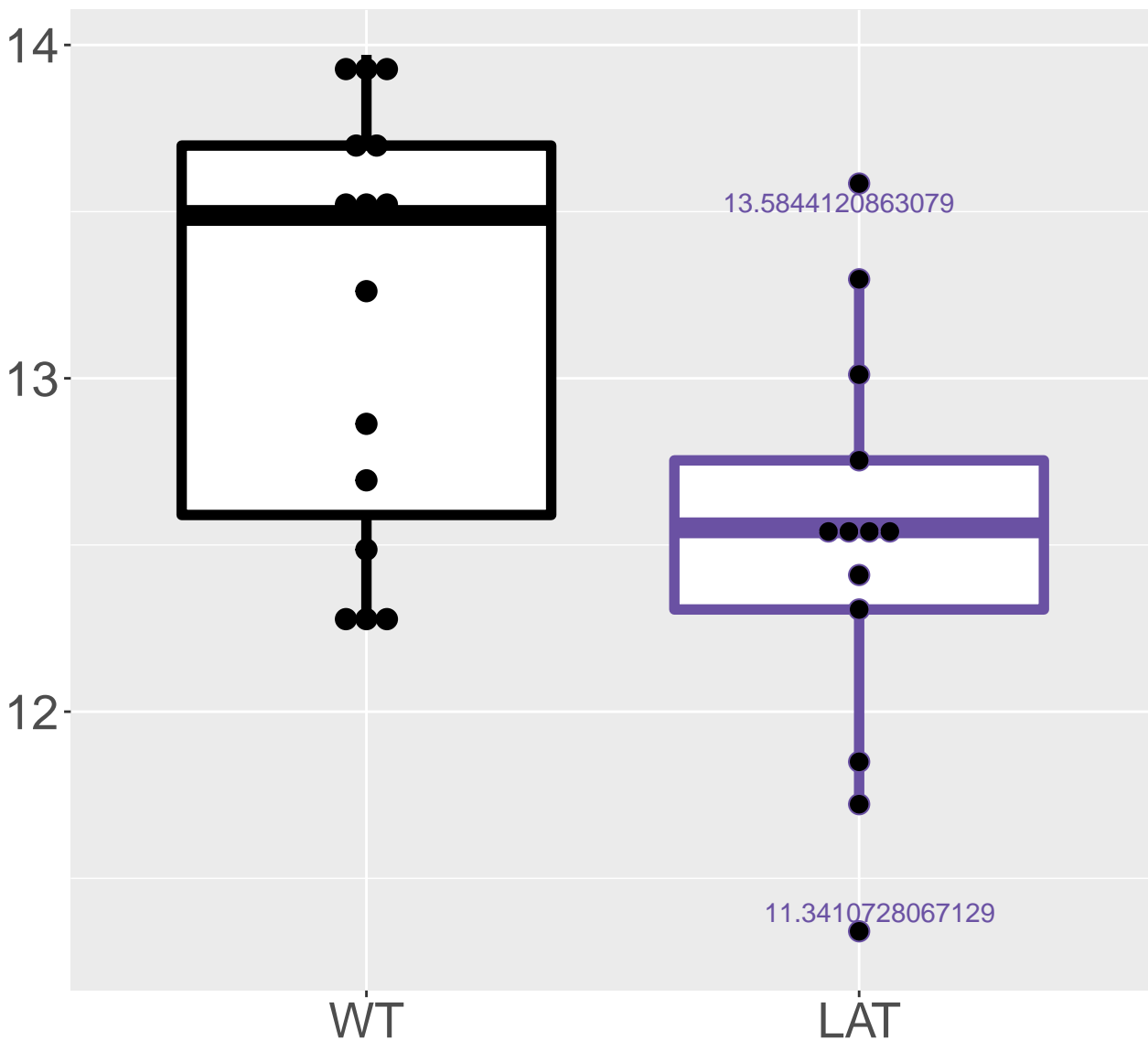
**M487.1315T540.07**

**FDR = 0.034, FC = 0.34, sex\***

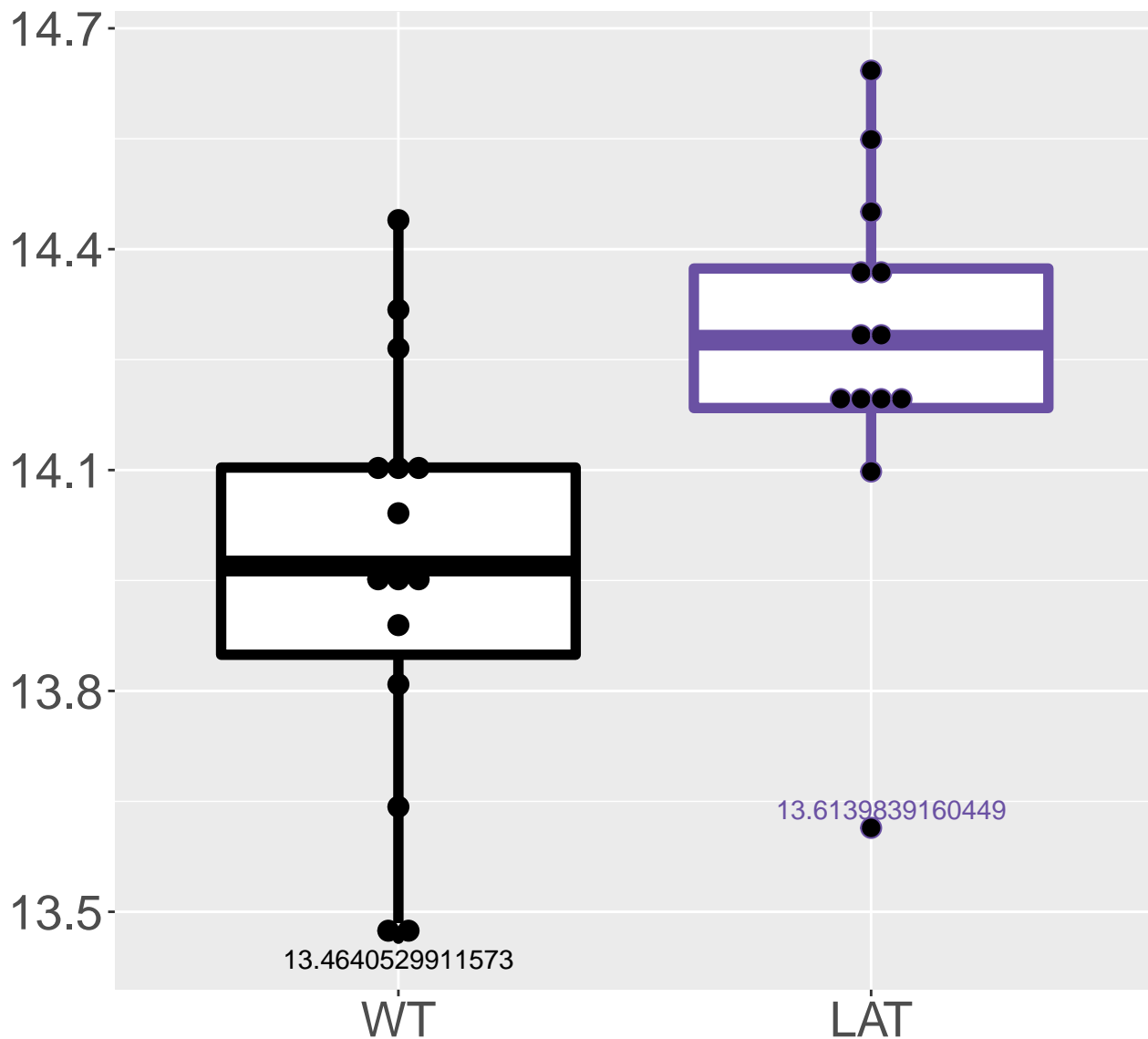


**M323.1468T563.91**

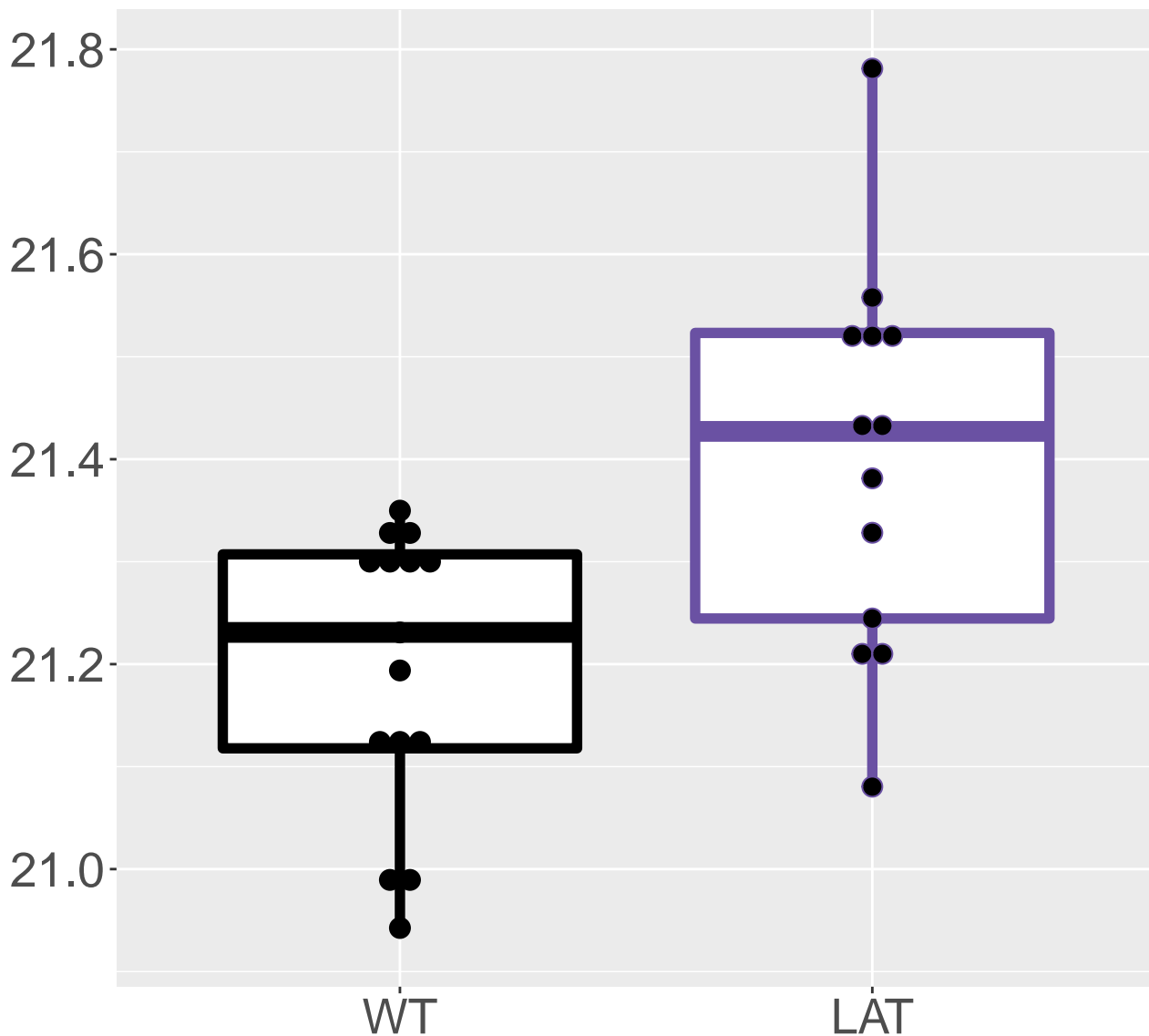
**FDR = 0.034, FC = -0.7**



**M496.7126T1029.18**  
**FDR = 0.034, FC = 0.3**



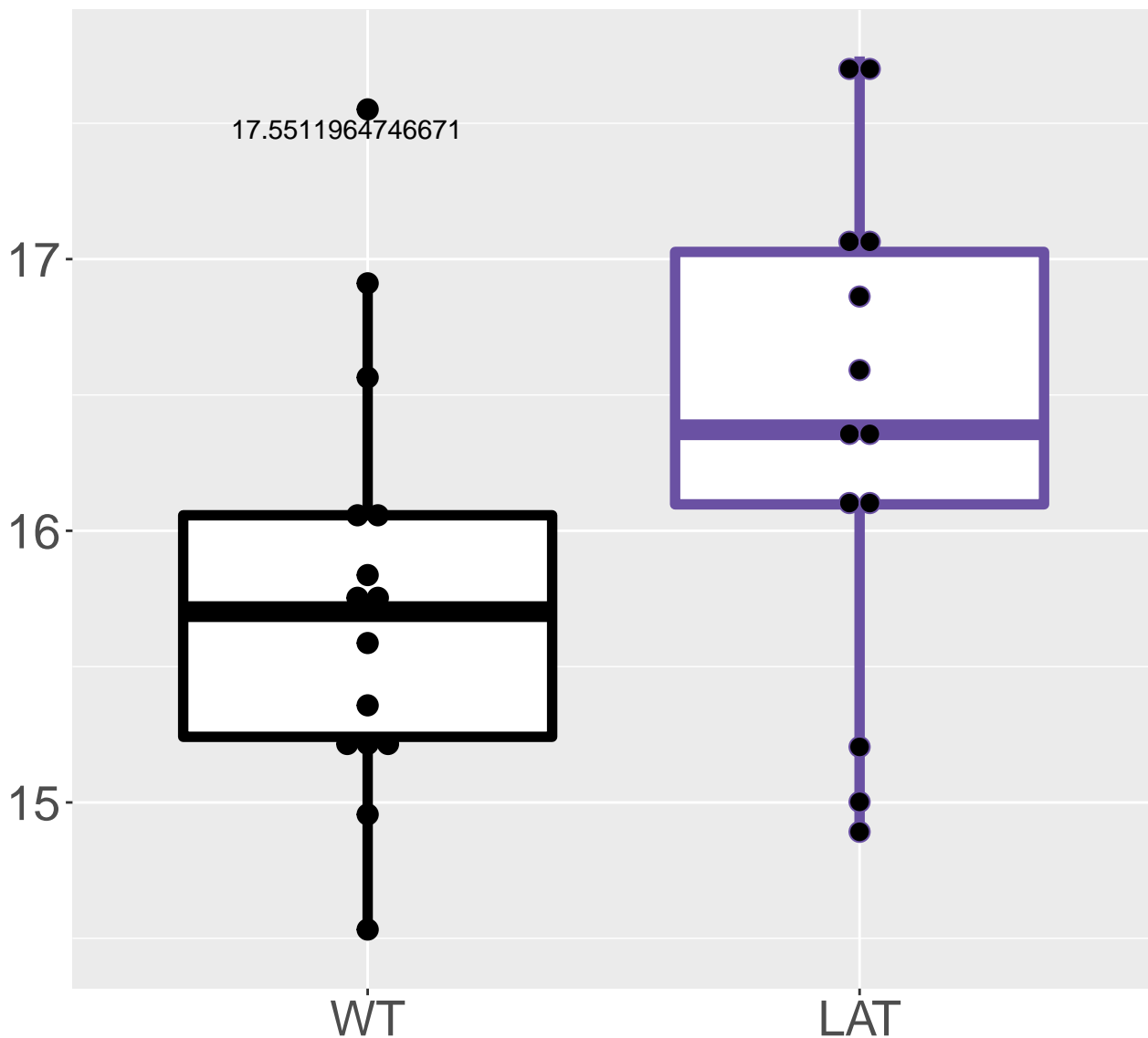
**M182.9316T1024.24**  
**FDR = 0.034, FC = 0.21**



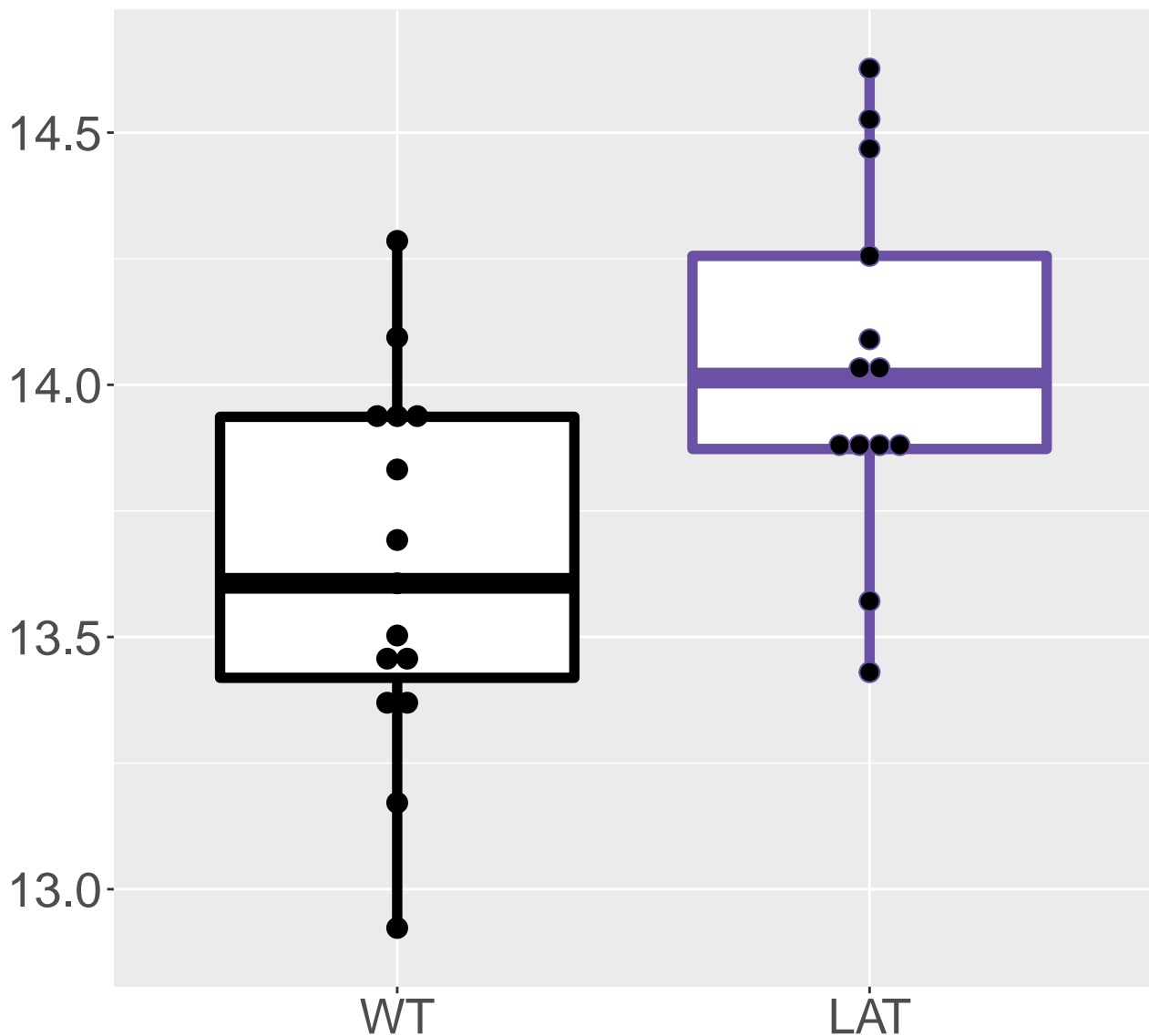


**M331.1921T89.54**

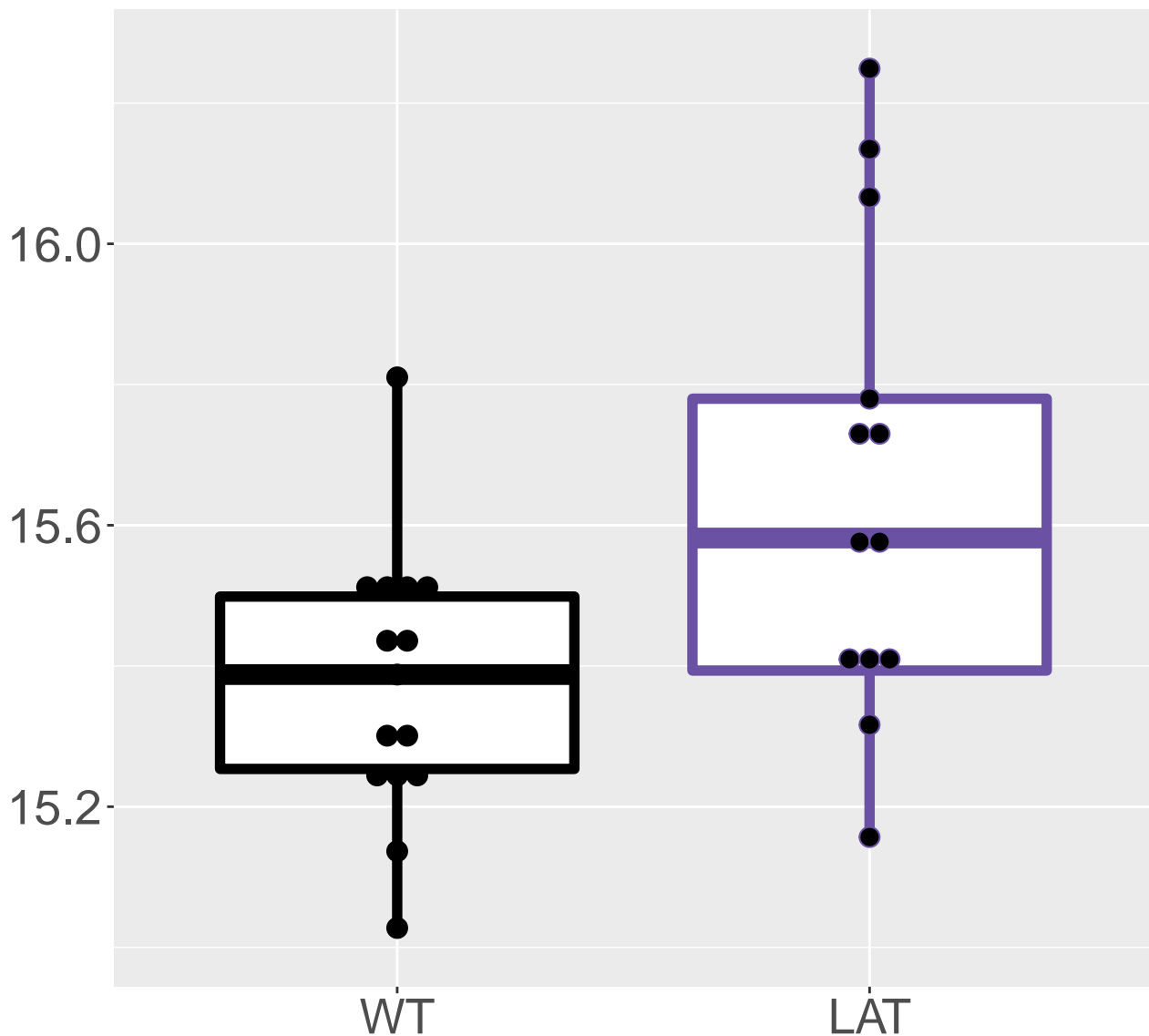
**FDR = 0.034, FC = 0.61, sex\*\***



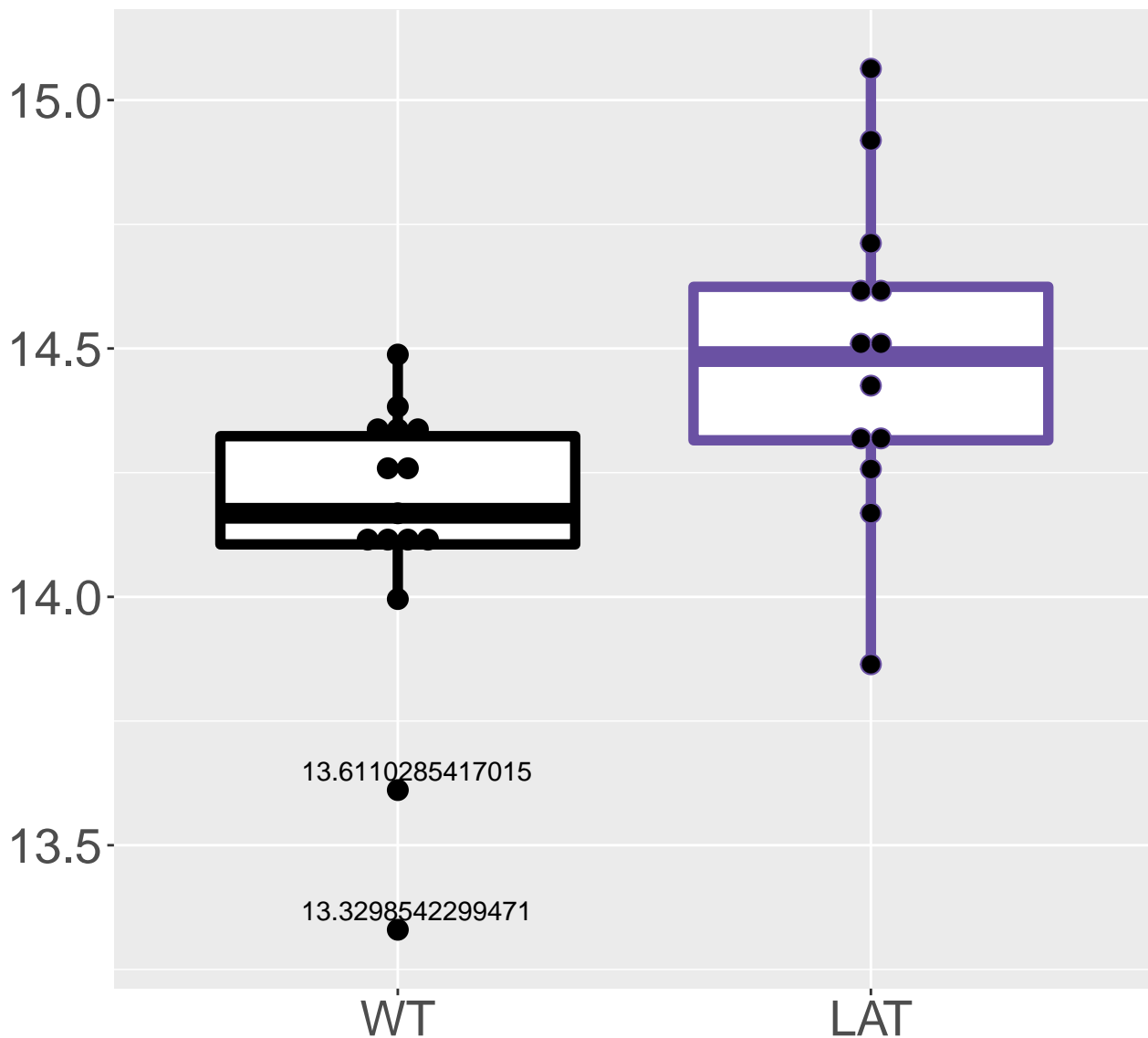
**M270.9772T609.13**  
**FDR = 0.034, FC = 0.4**



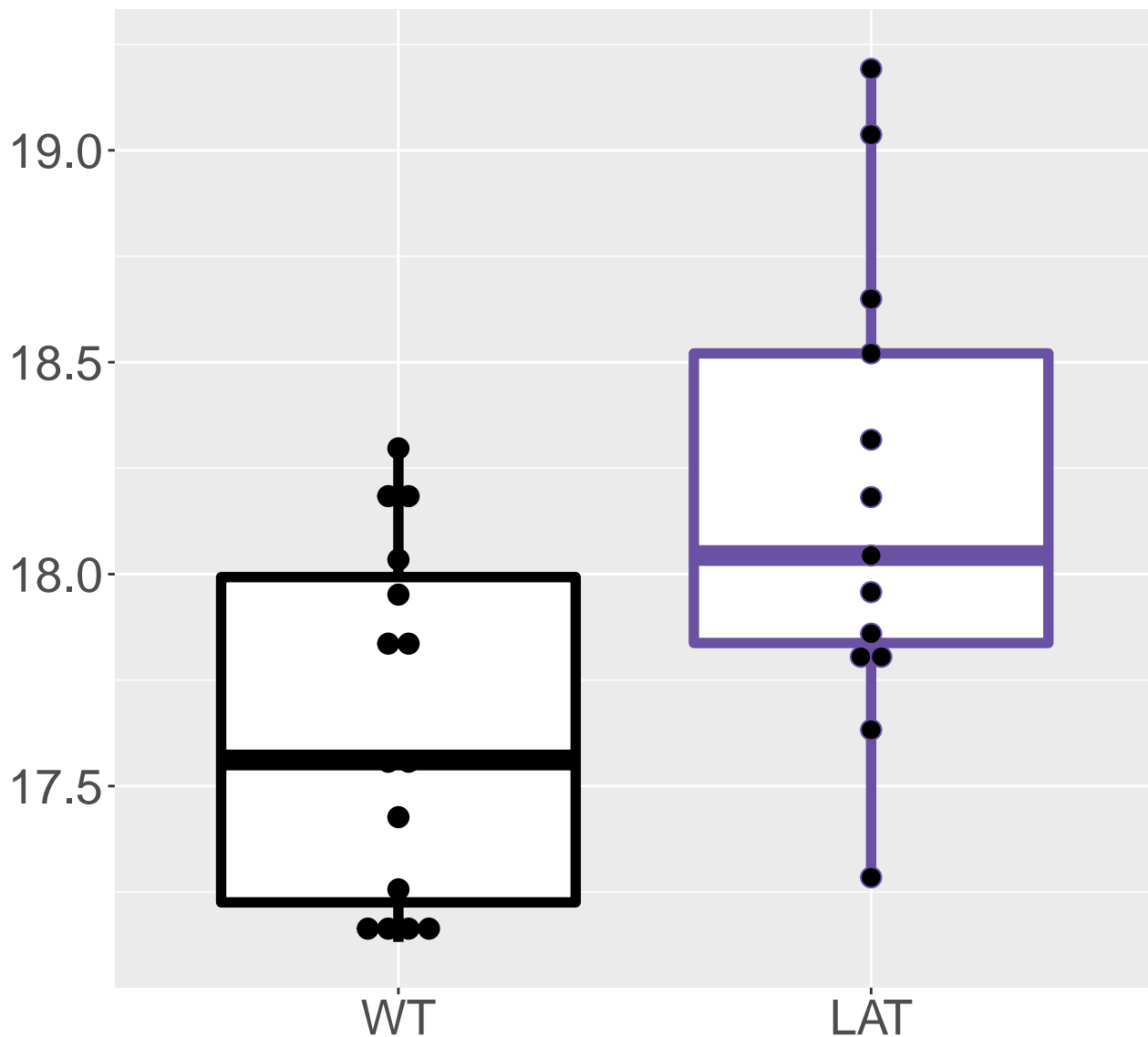
**M408.8559T1220.73**  
**FDR = 0.035, FC = 0.28**



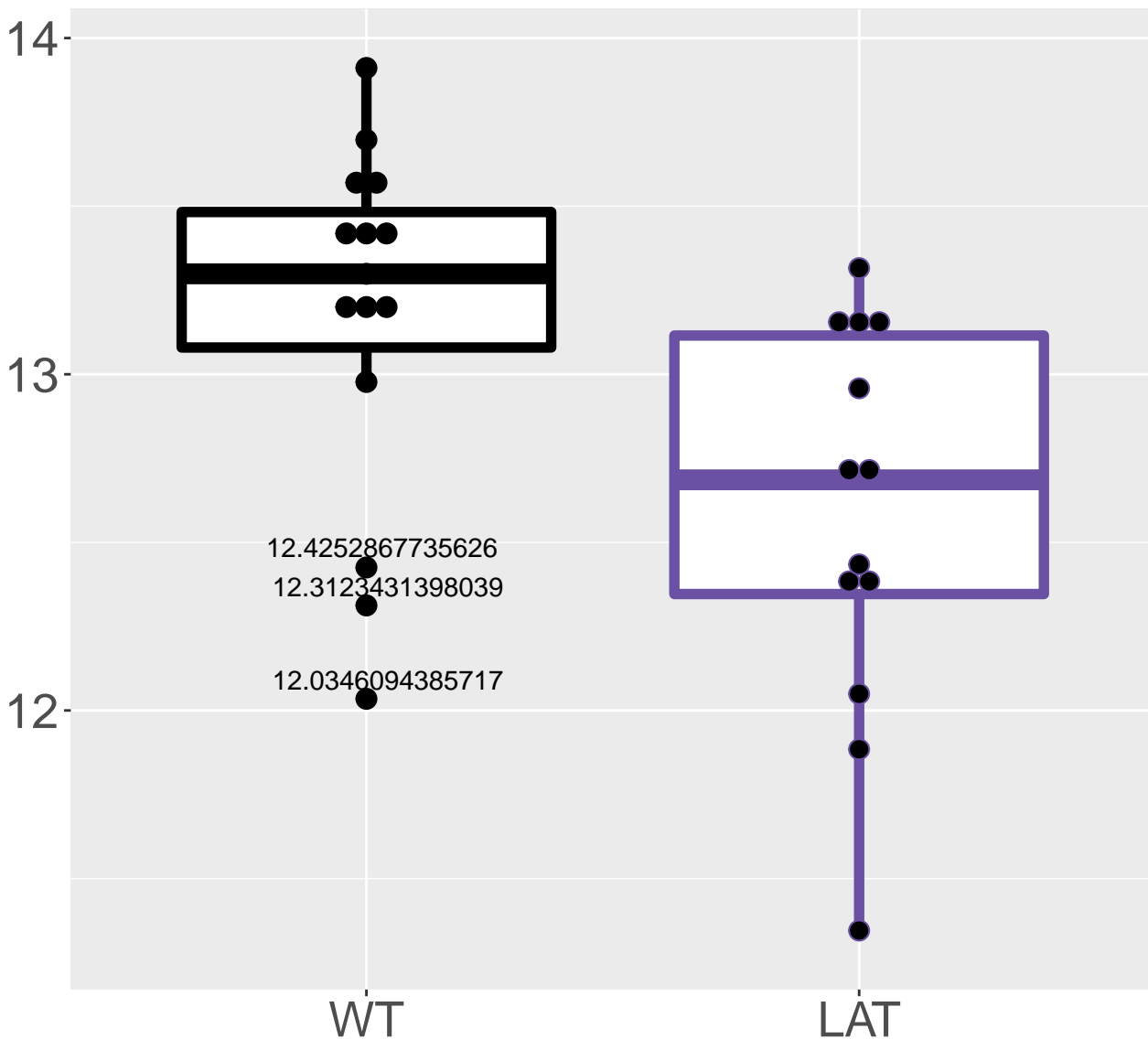
**M367.8958T1220.02**  
**FDR = 0.036, FC = 0.35**



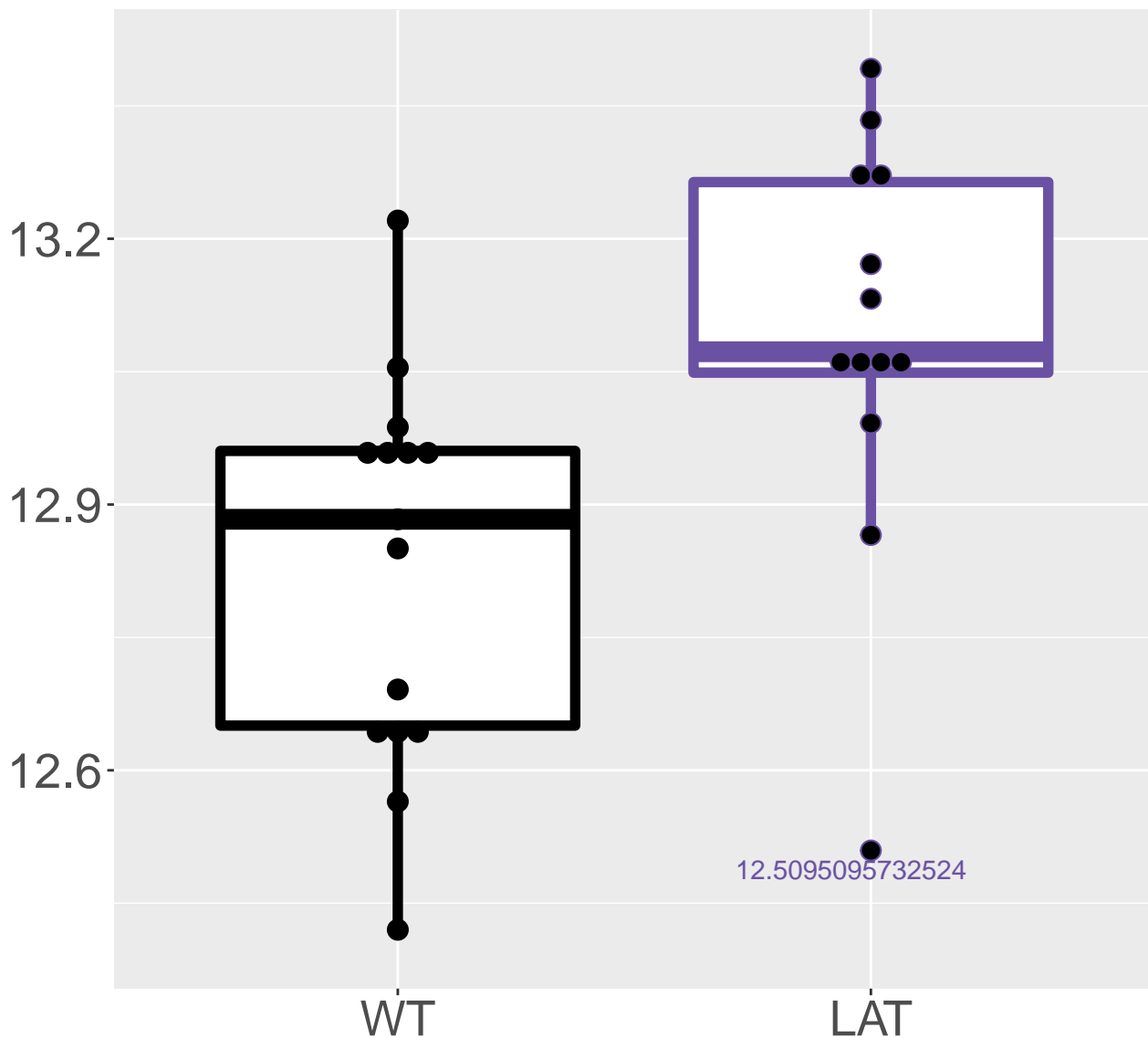
**M157.0872T85.73\_1**  
**FDR = 0.036, FC = 0.52**



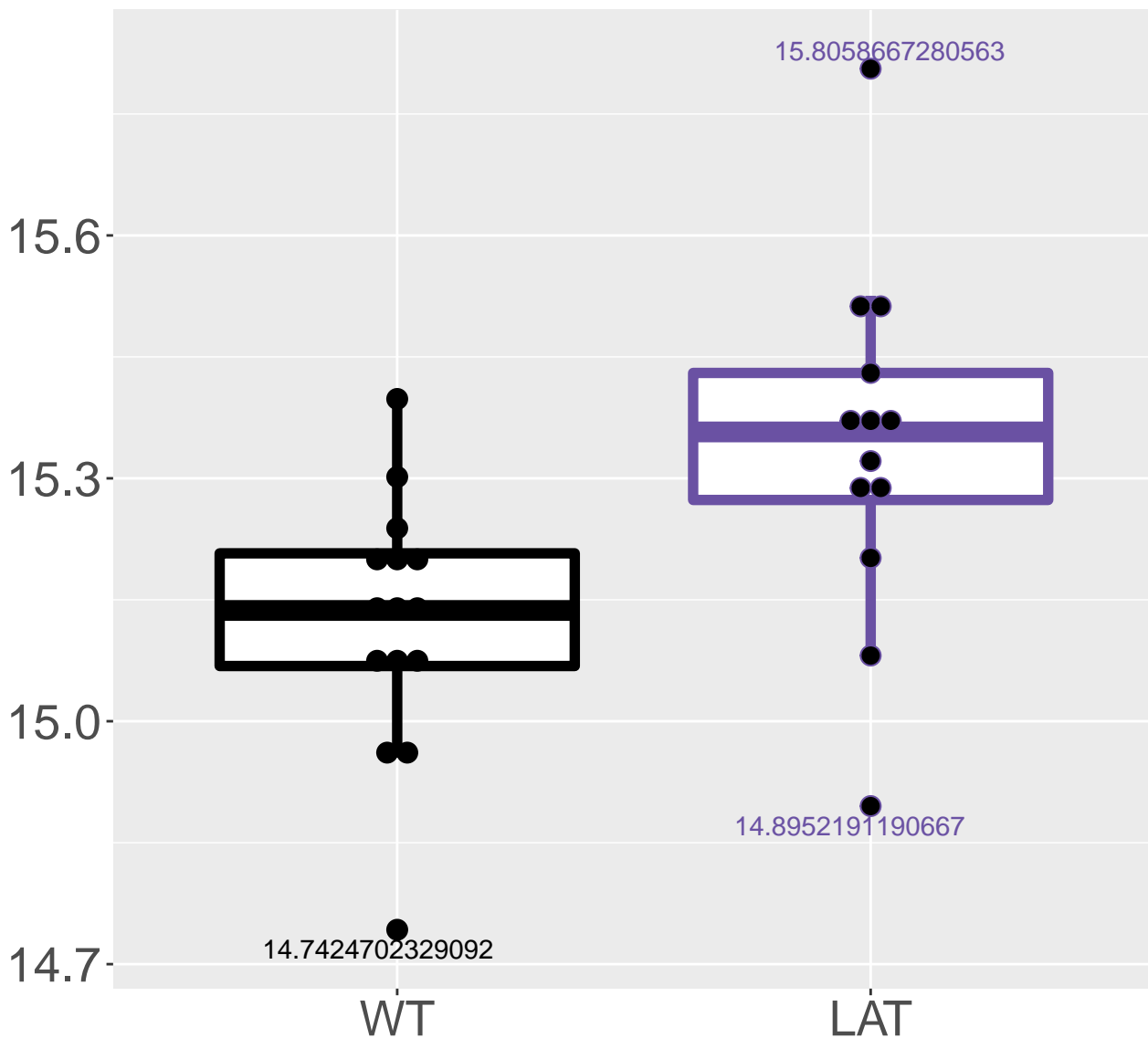
**M733.3968T628.11**  
**FDR = 0.036, FC = -0.59**



**M368.8686T1023.33**  
**FDR = 0.036, FC = 0.26**



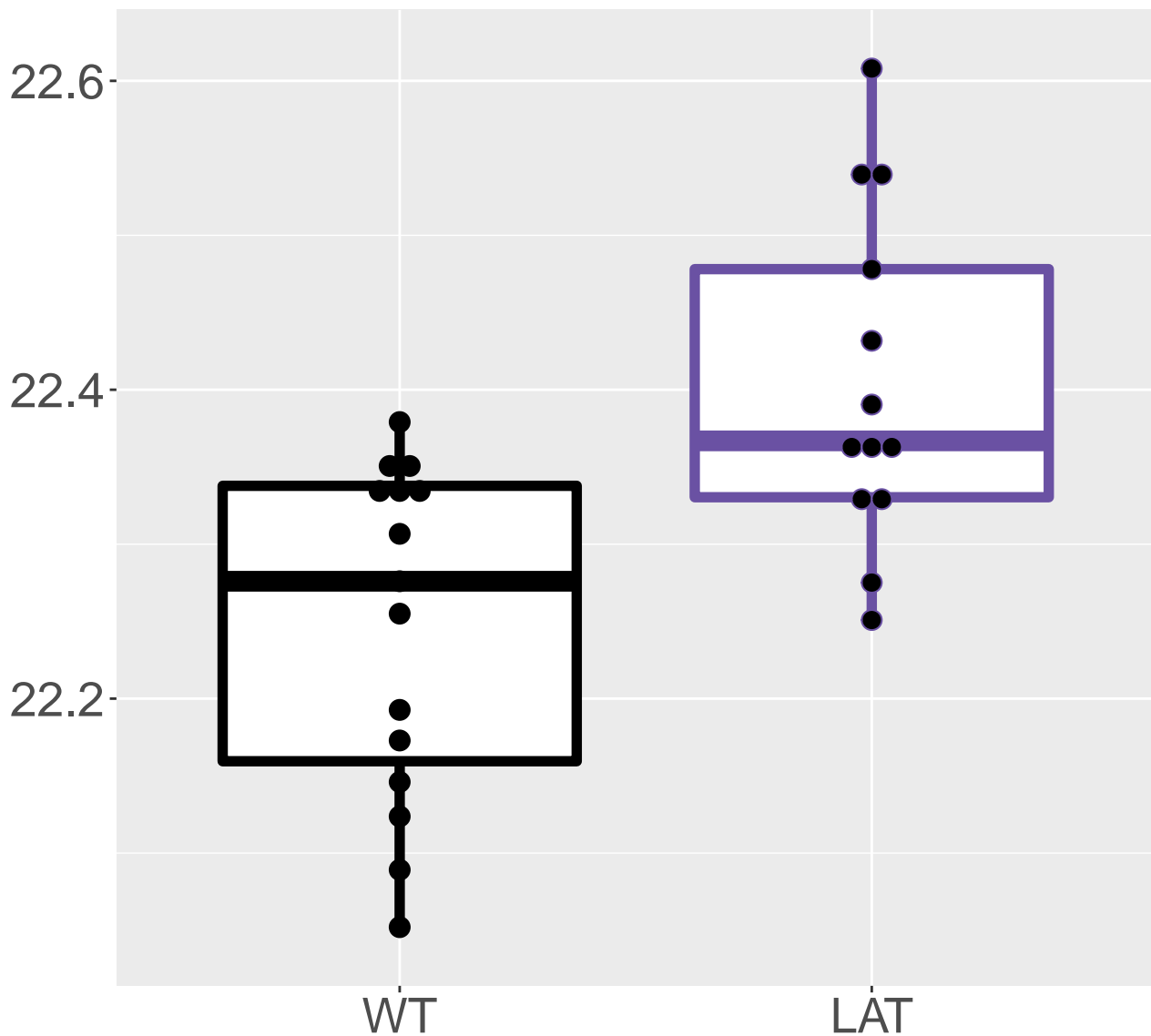
**M143.9707T1028.51**  
**FDR = 0.036, FC = 0.22**



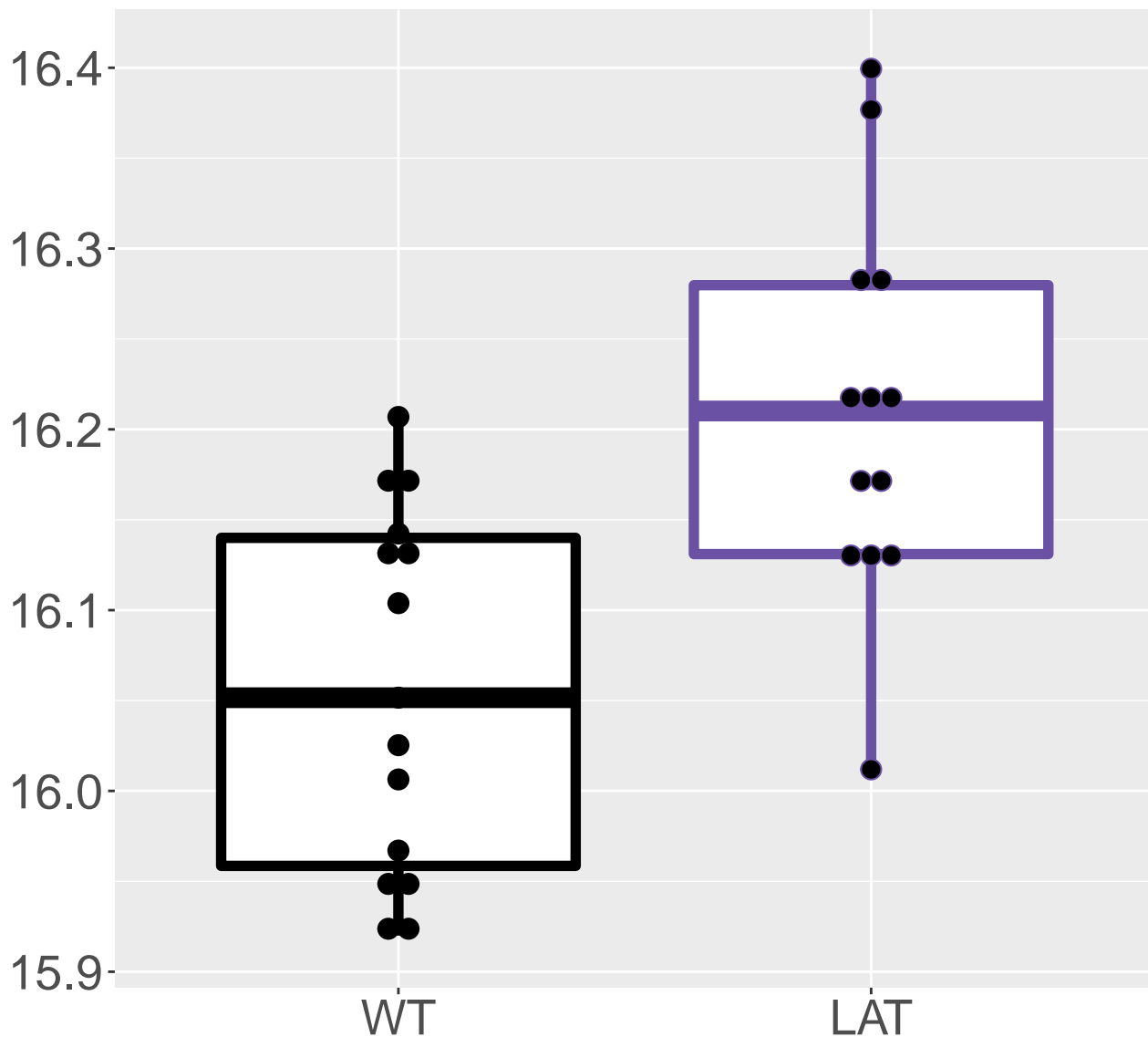


**M183.9842T992.81**

**FDR = 0.036, FC = 0.16**

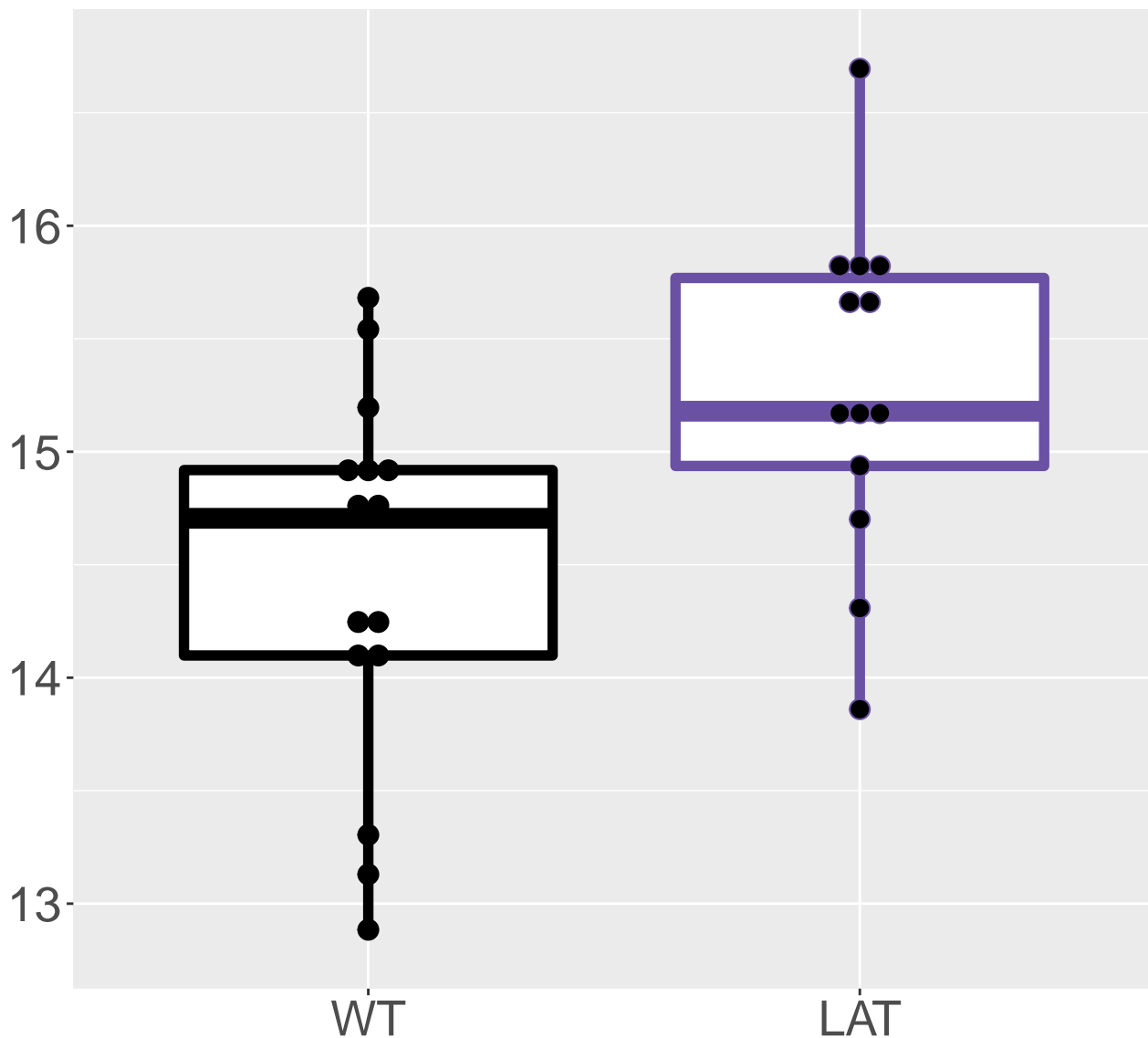


**M145.996T993.3\_2**  
**FDR = 0.036, FC = 0.15**



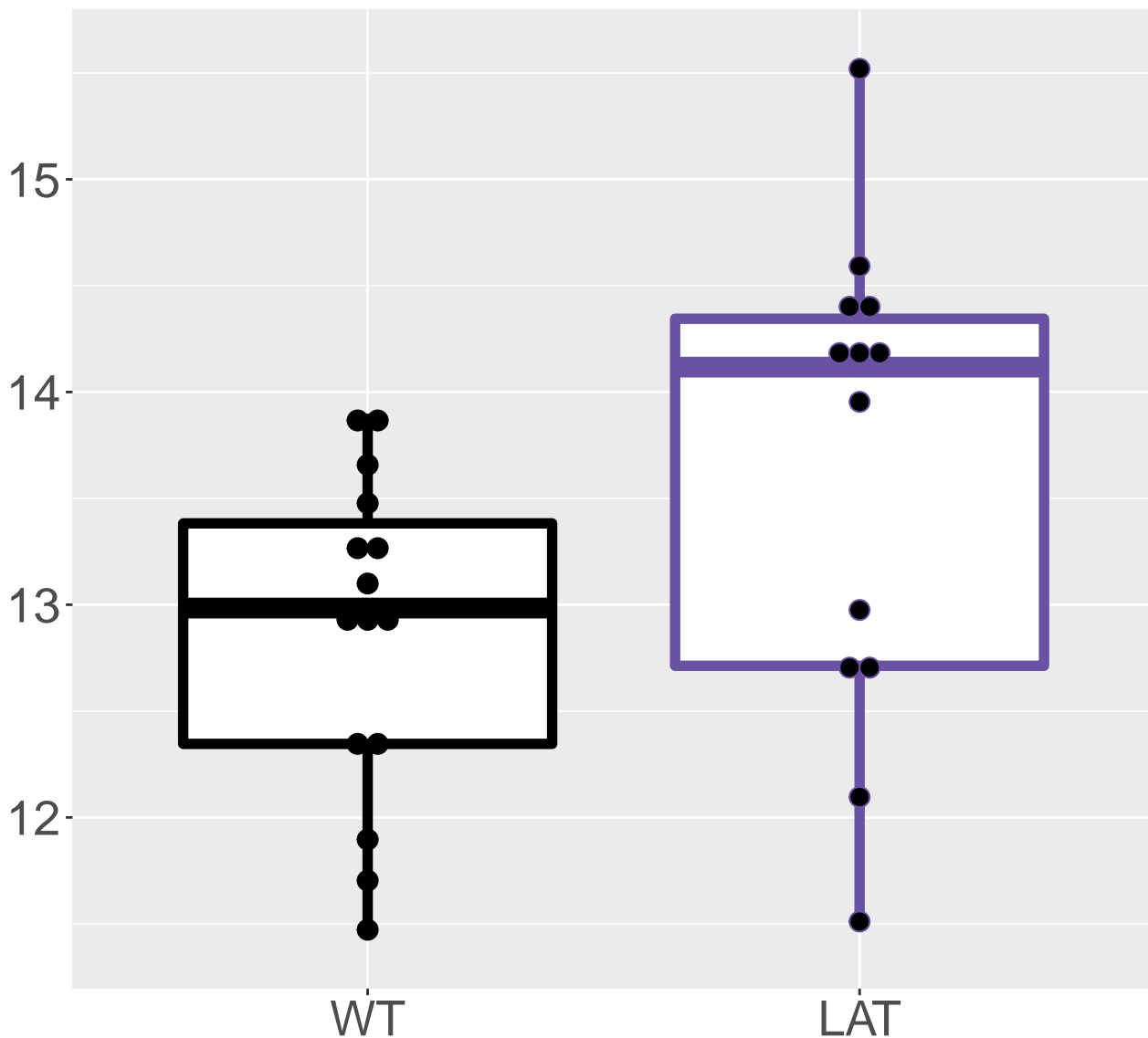
**M169.724T102**

**FDR = 0.036, FC = 0.84**

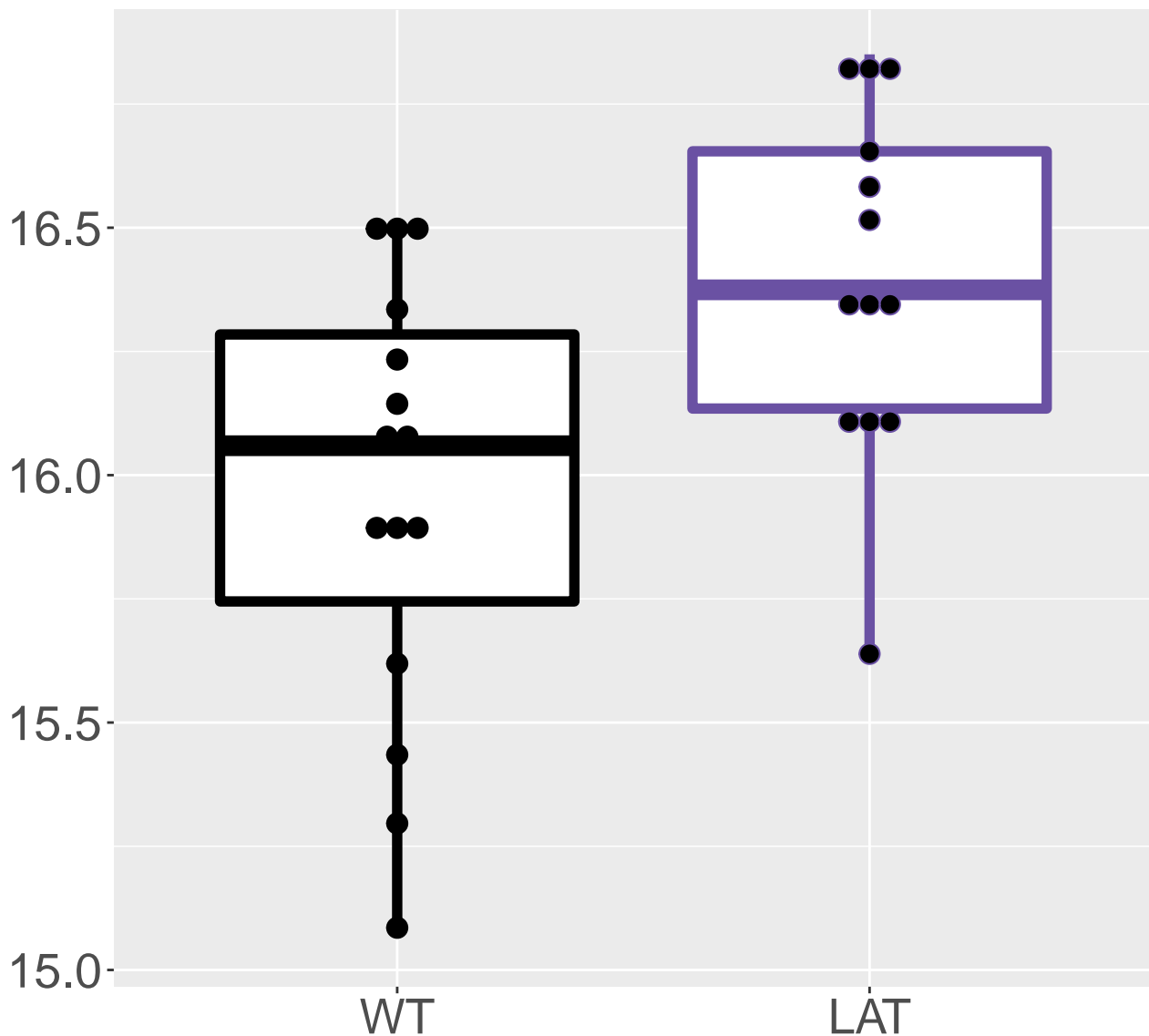


**M232.9932T565.83**

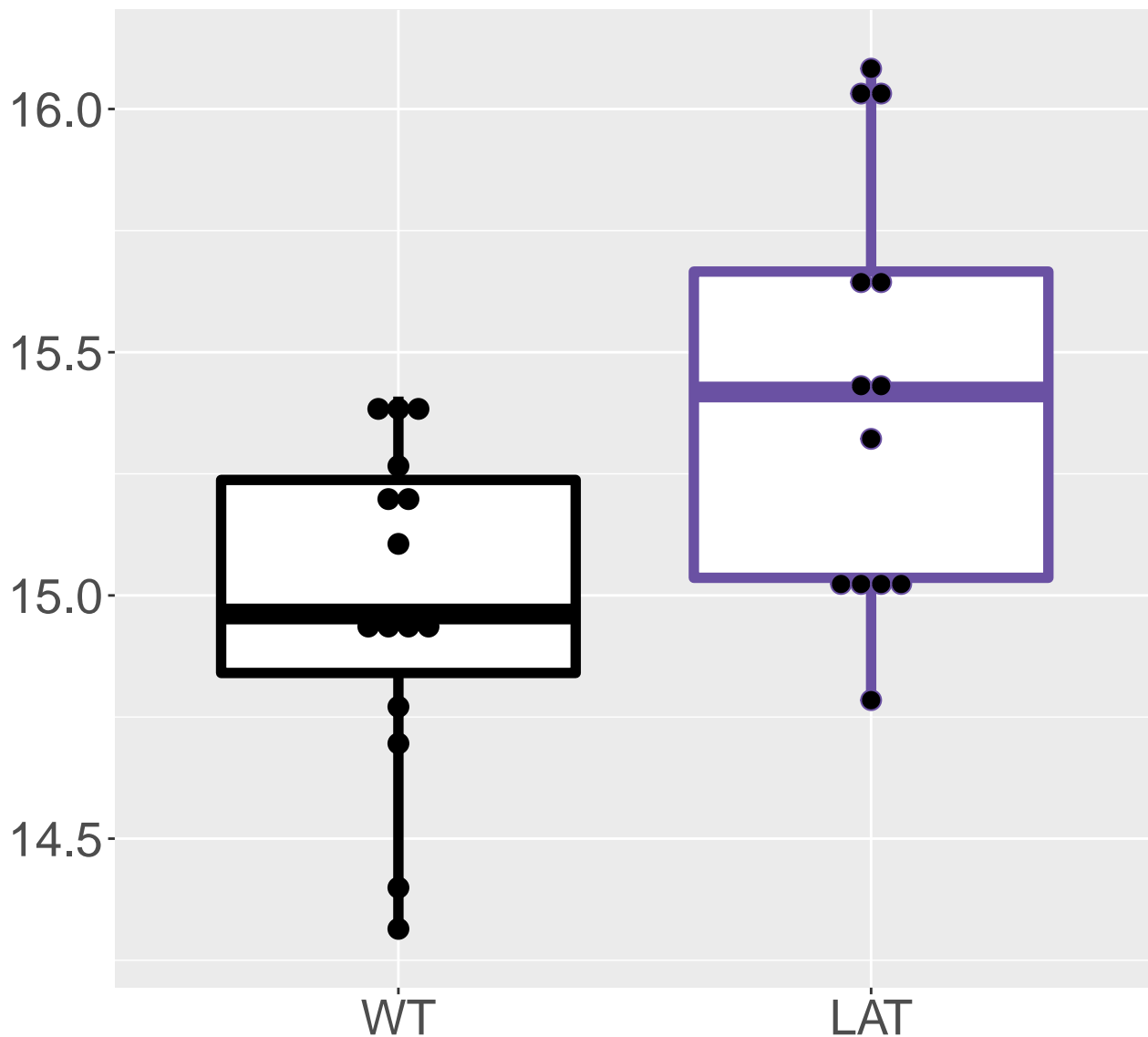
**FDR = 0.036, FC = 0.78, sex\***



**M329.4833T434.96**  
**FDR = 0.036, FC = 0.44**

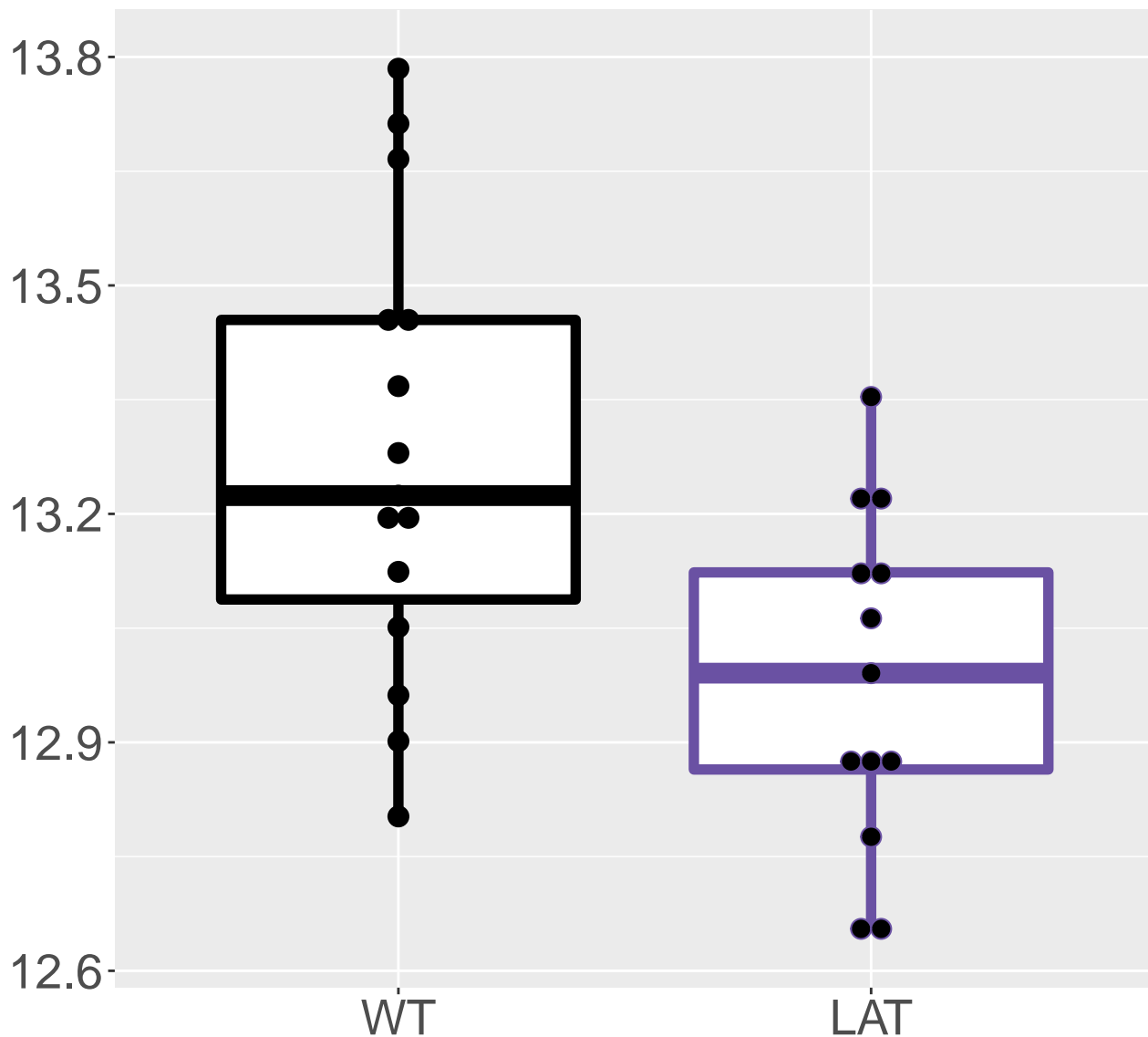


**M98.3663T603.42\_2**  
**FDR = 0.036, FC = 0.43**

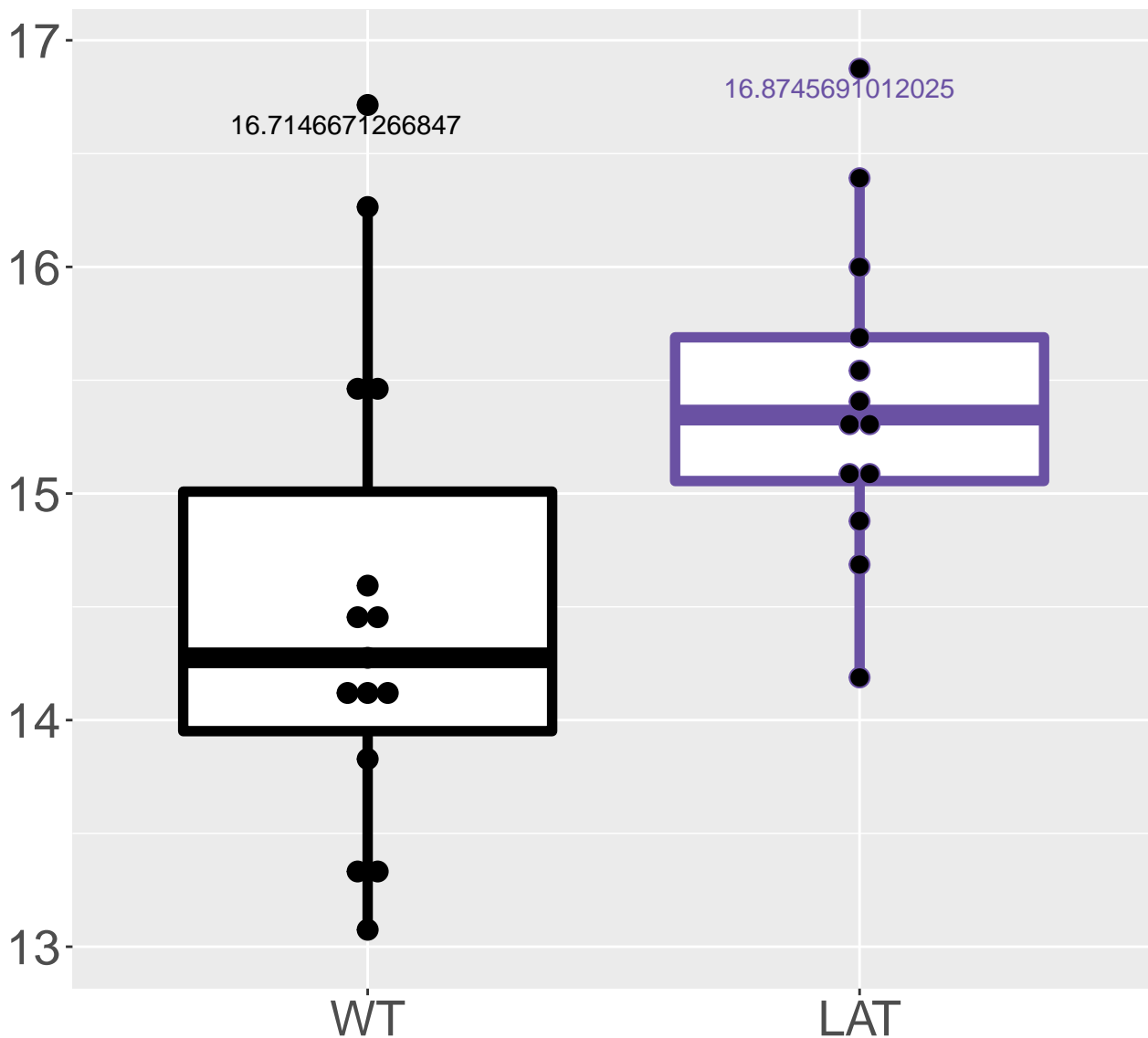


**M257.076T592.59**

**FDR = 0.036, FC = -0.29**



**M386.9697T556.01**  
**FDR = 0.036, FC = 0.91**



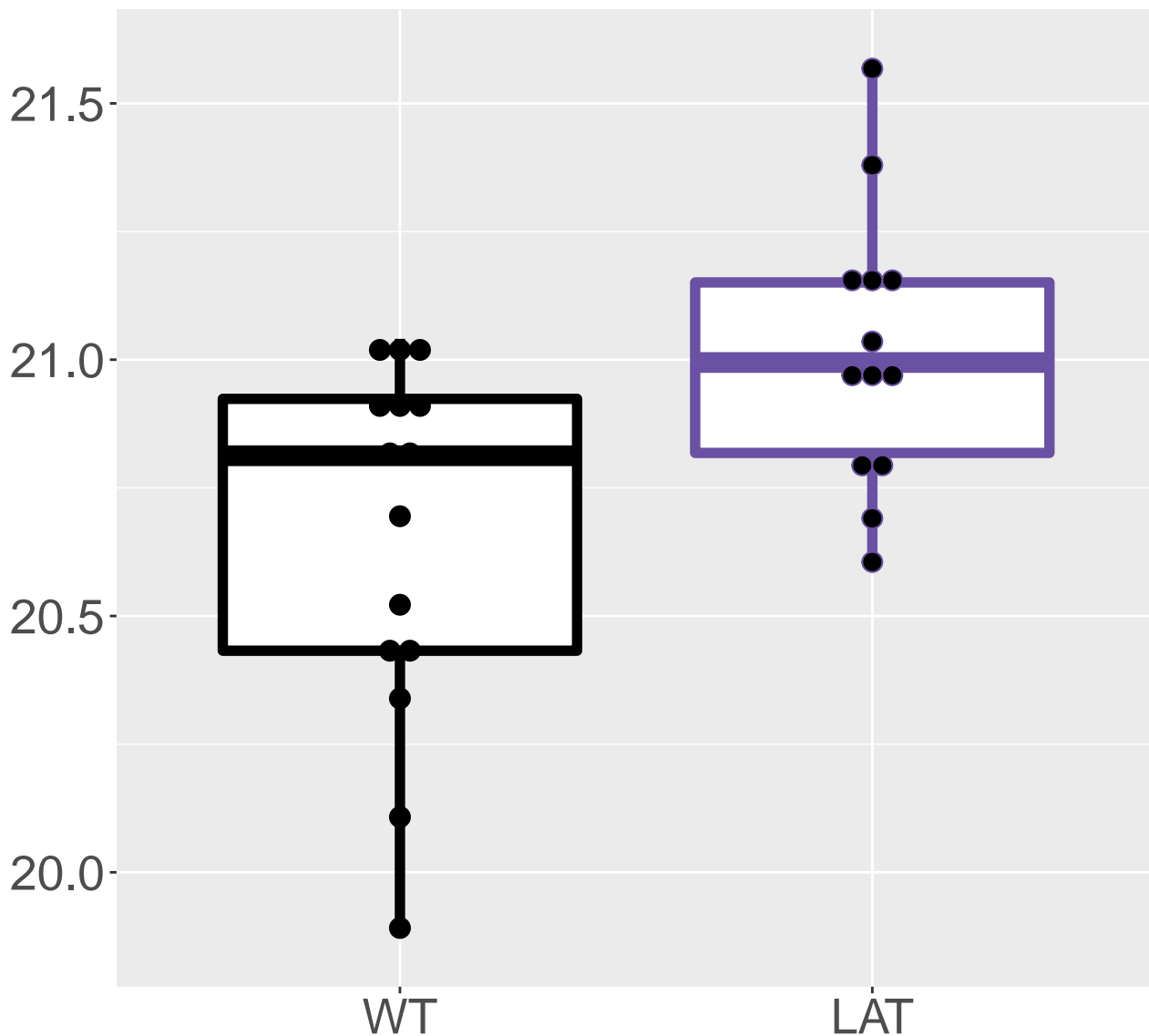


**FDR = 0.036, FC = -0.72**



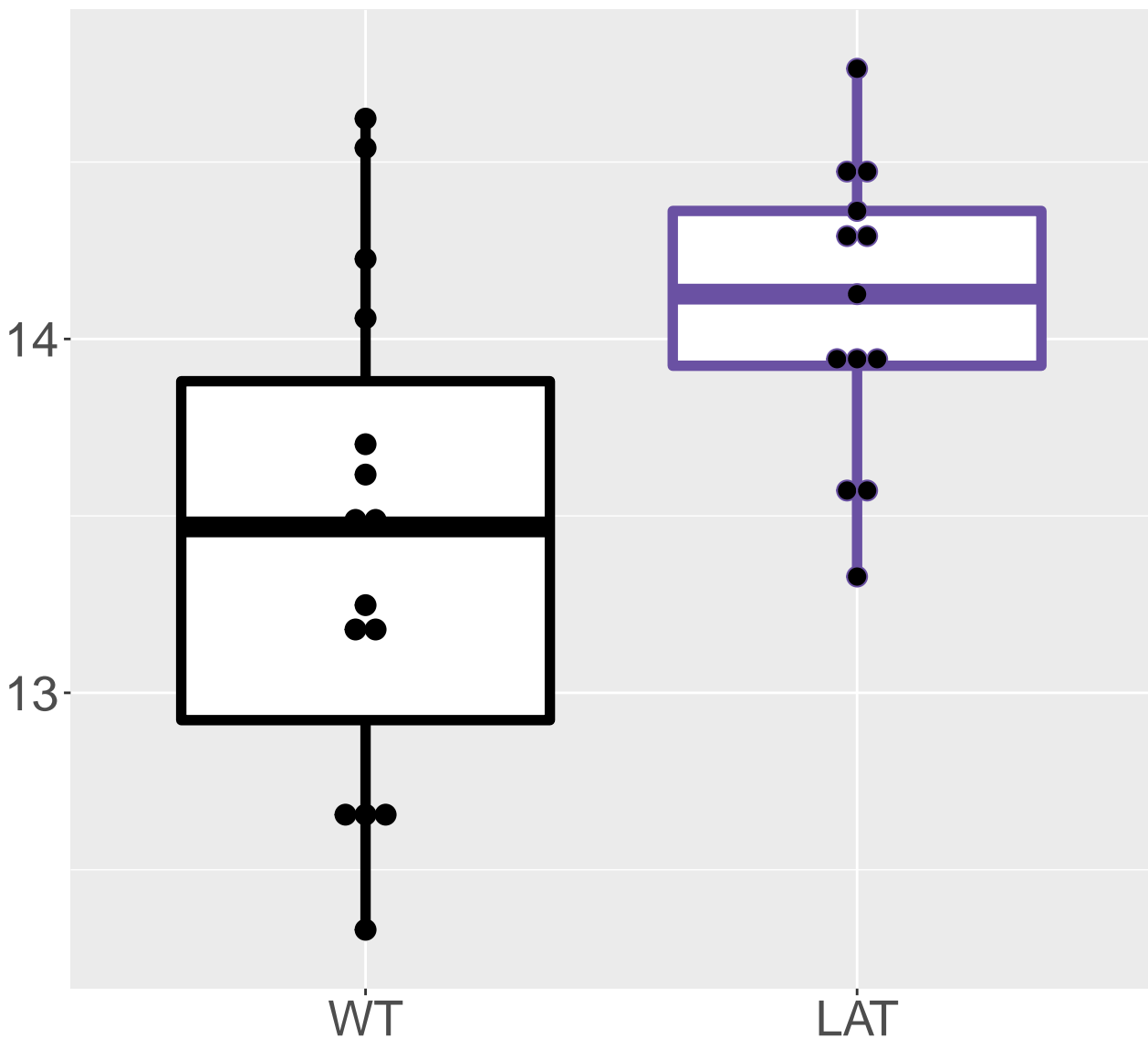
**M83.495T463.79**

**FDR = 0.038, FC = 0.36**

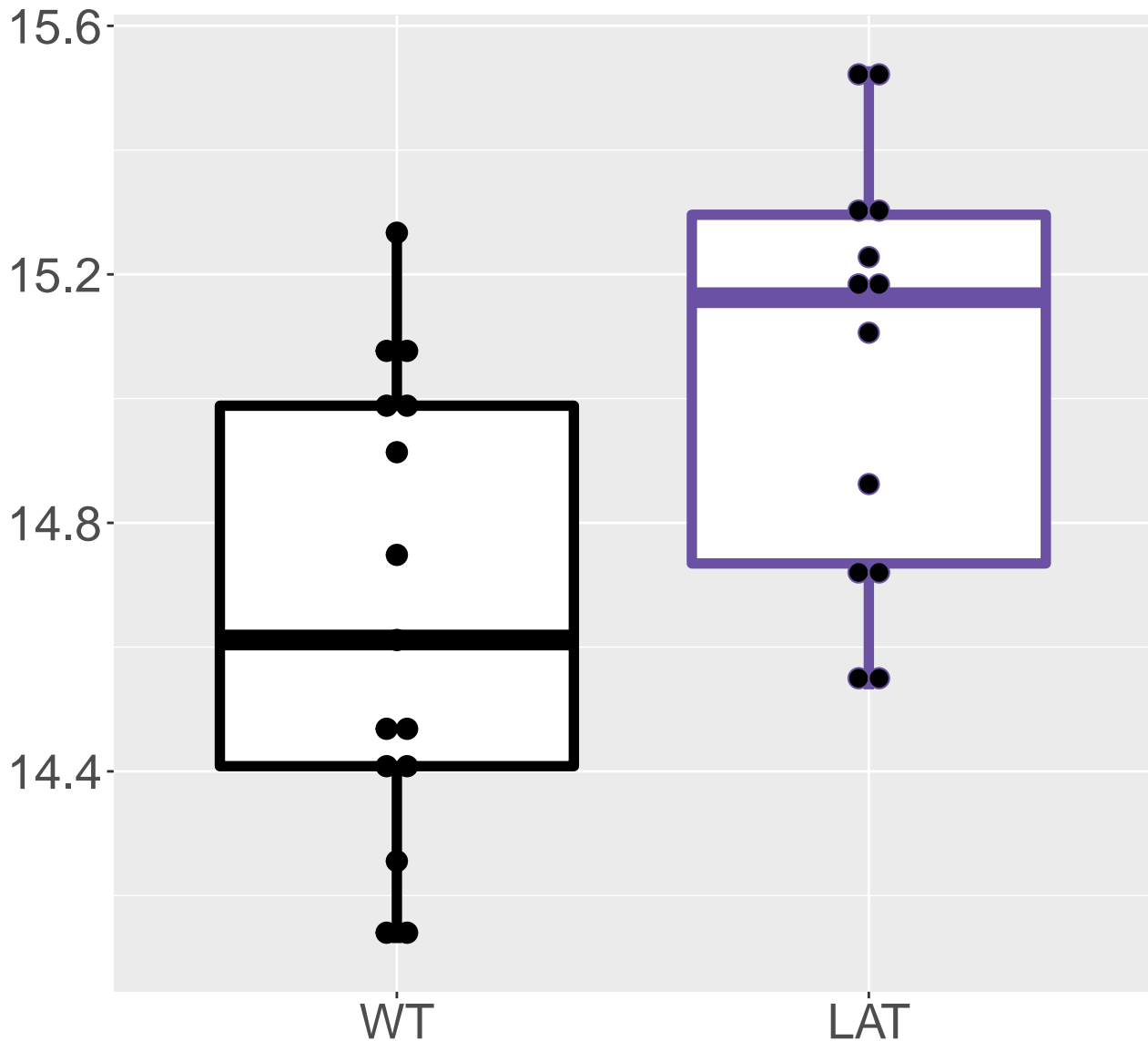


**M245.0036T378.4**

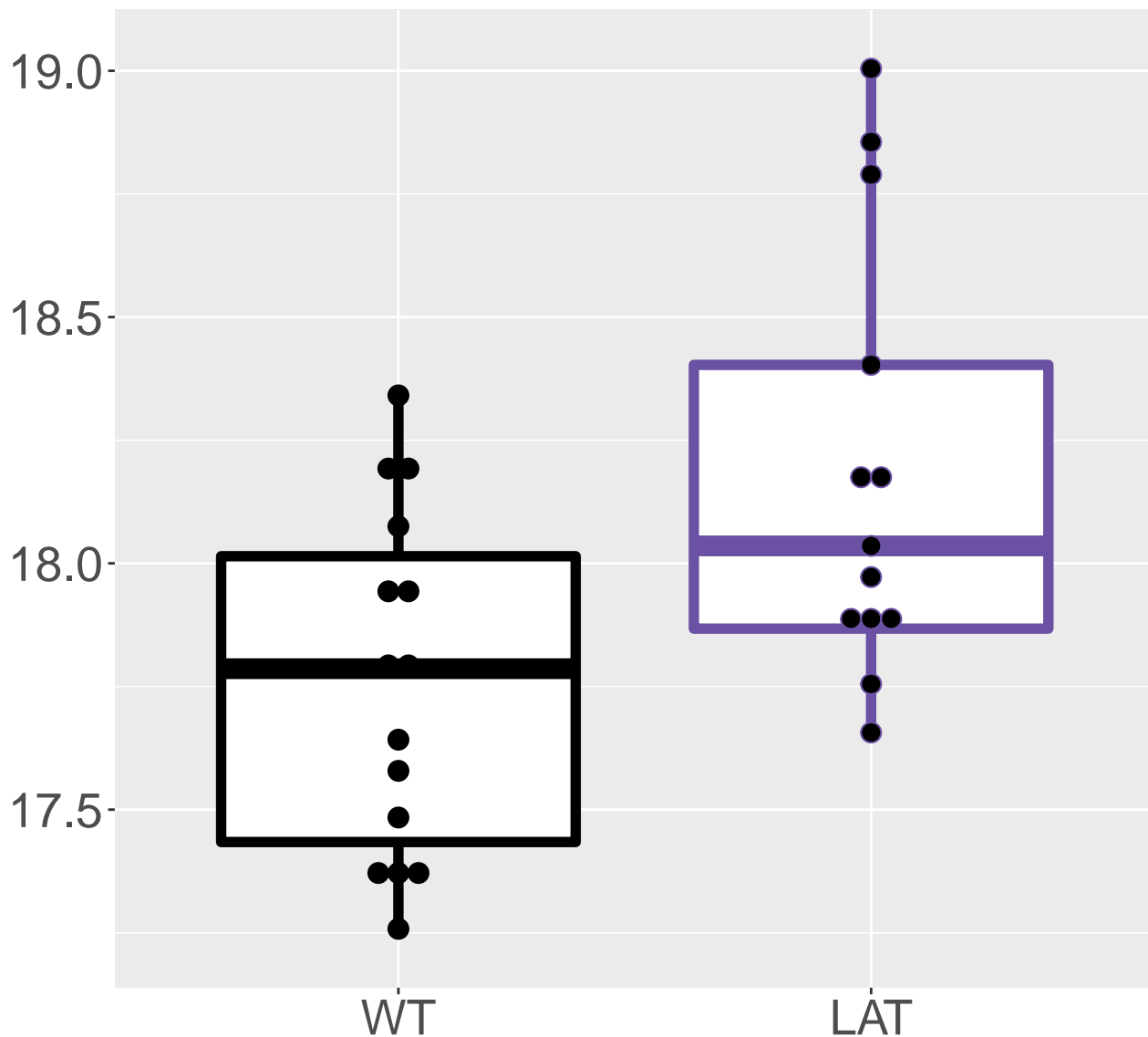
**FDR = 0.038, FC = 0.64**



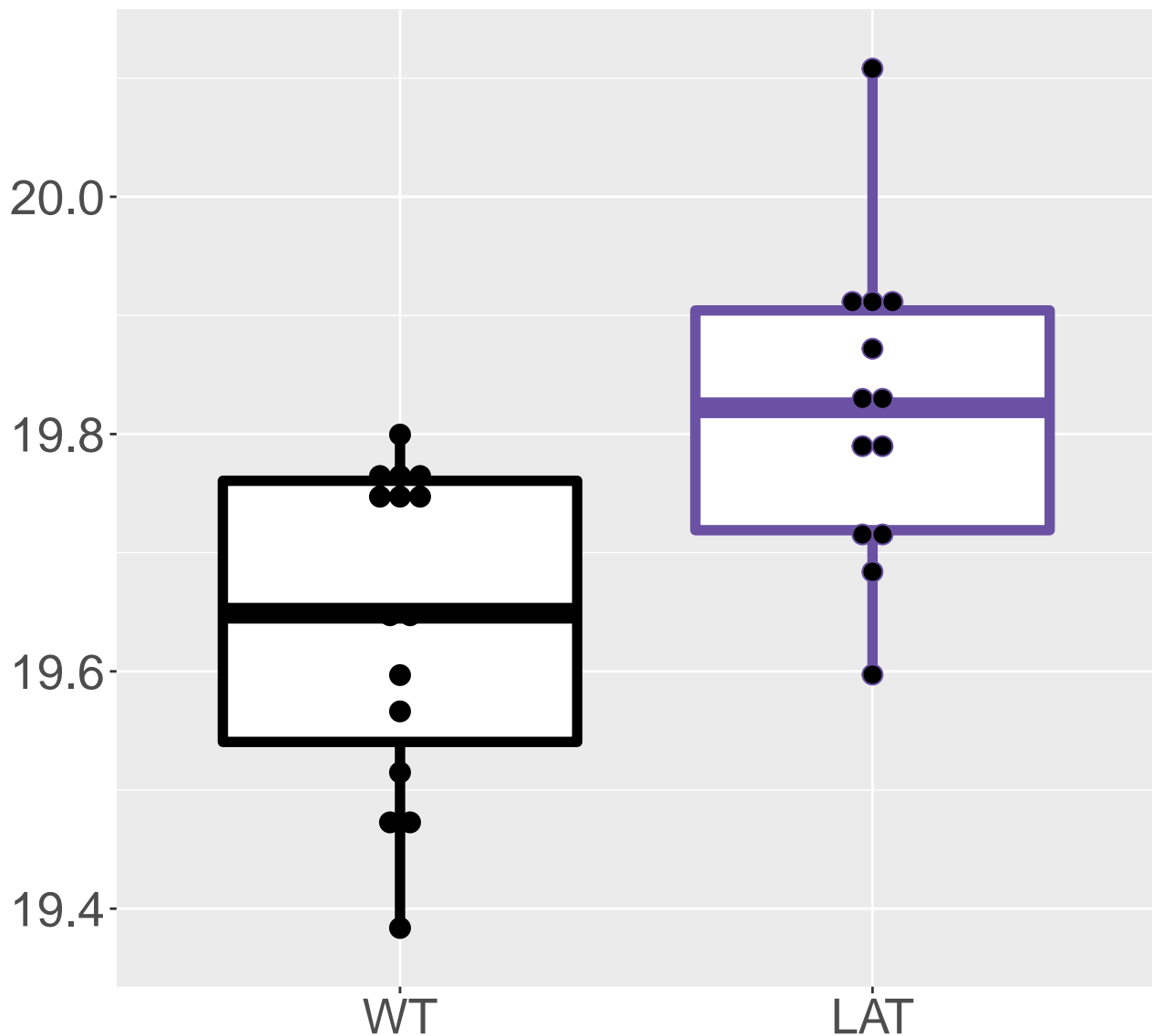
**M345.4222T993.8\_2**  
**FDR = 0.038, FC = 0.39**



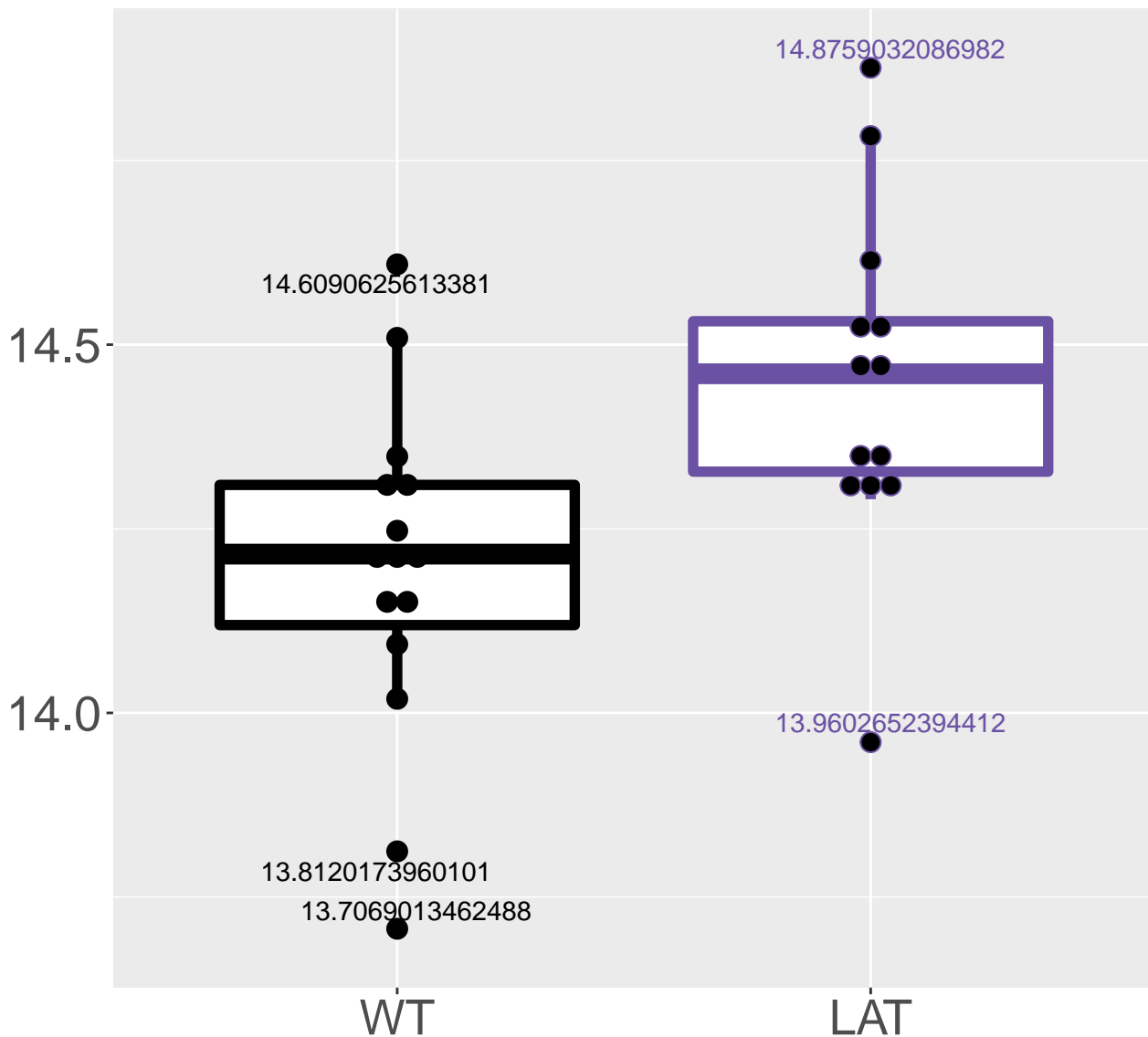
**M292.8955T603.42**  
**FDR = 0.039, FC = 0.43**



**M244.9321T1024.11**  
**FDR = 0.039, FC = 0.18**

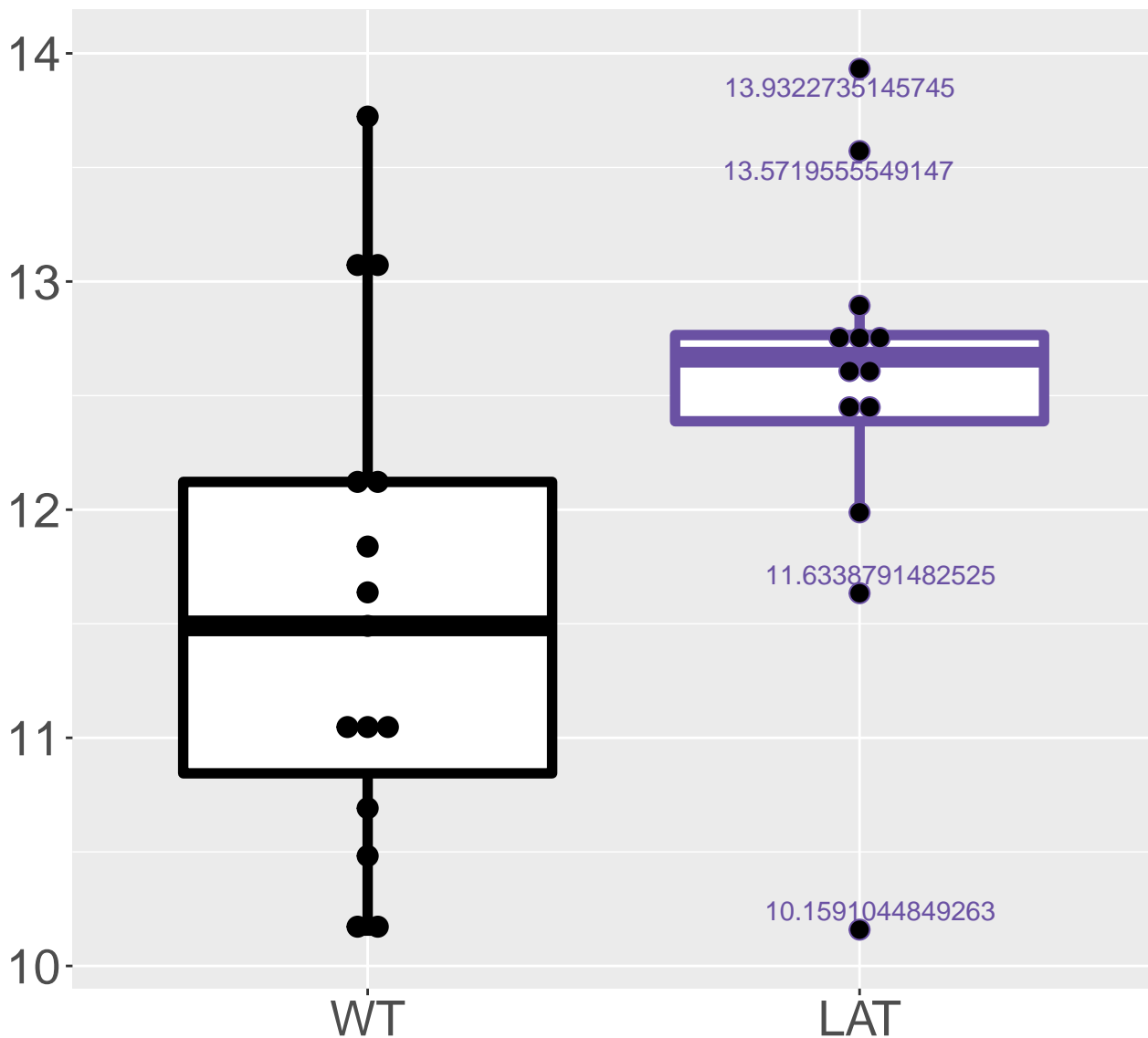


**M414.7668T1028.8**  
**FDR = 0.039, FC = 0.26**



**M160.9917T161.86**

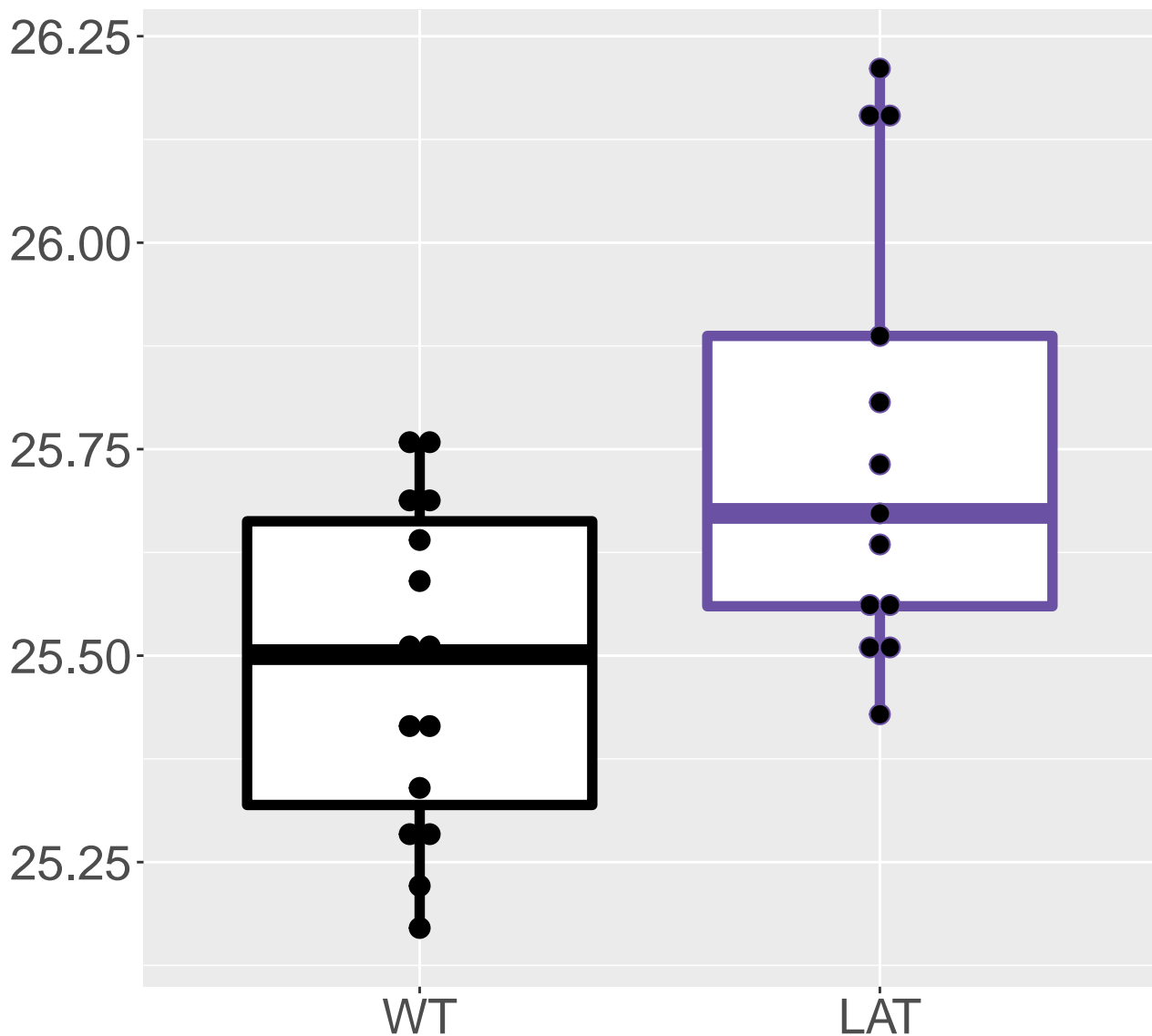
**FDR = 0.039, FC = 0.92, sex\*\***



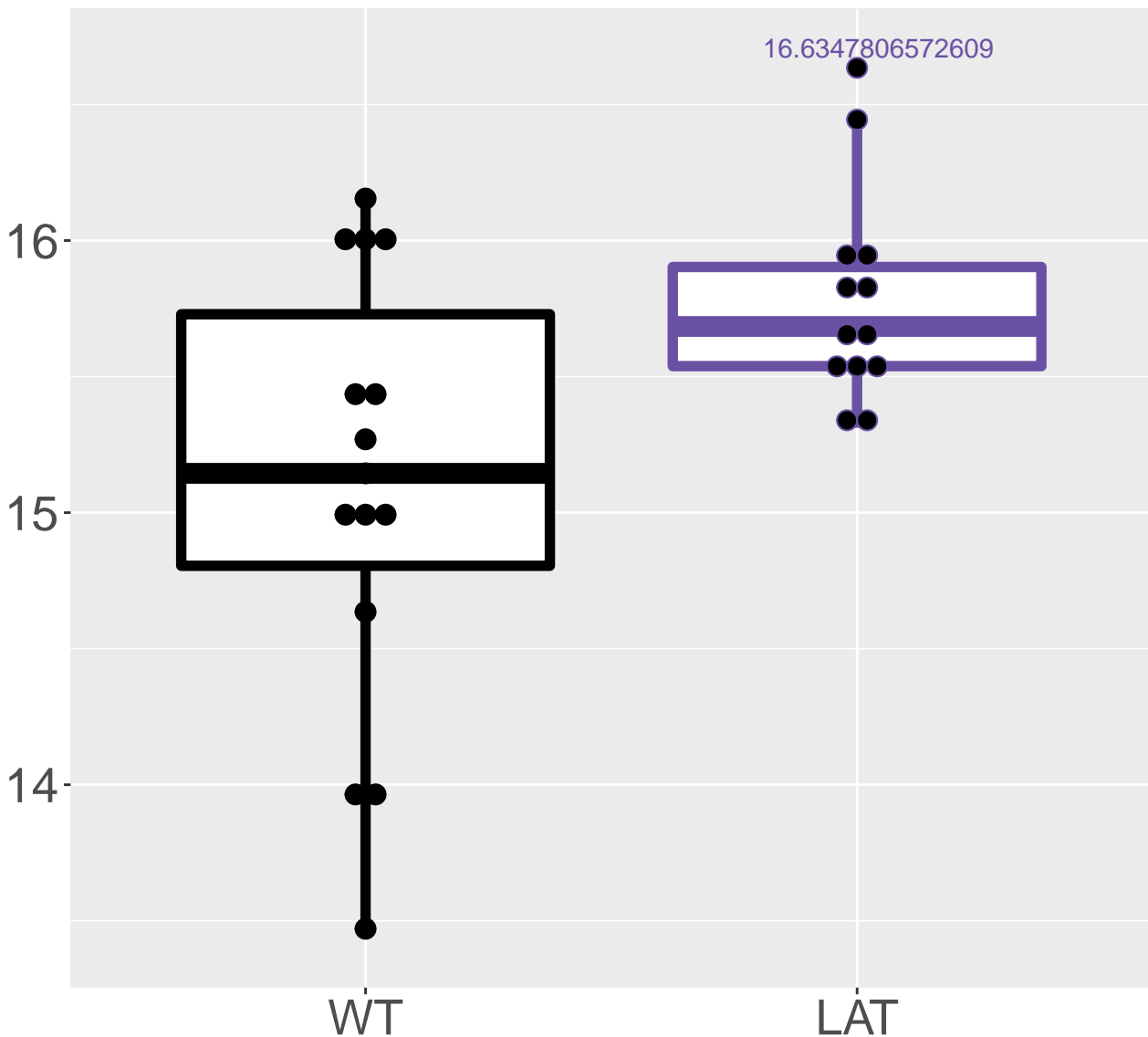


**M96.9602T603.45**

**FDR = 0.039, FC = 0.27**

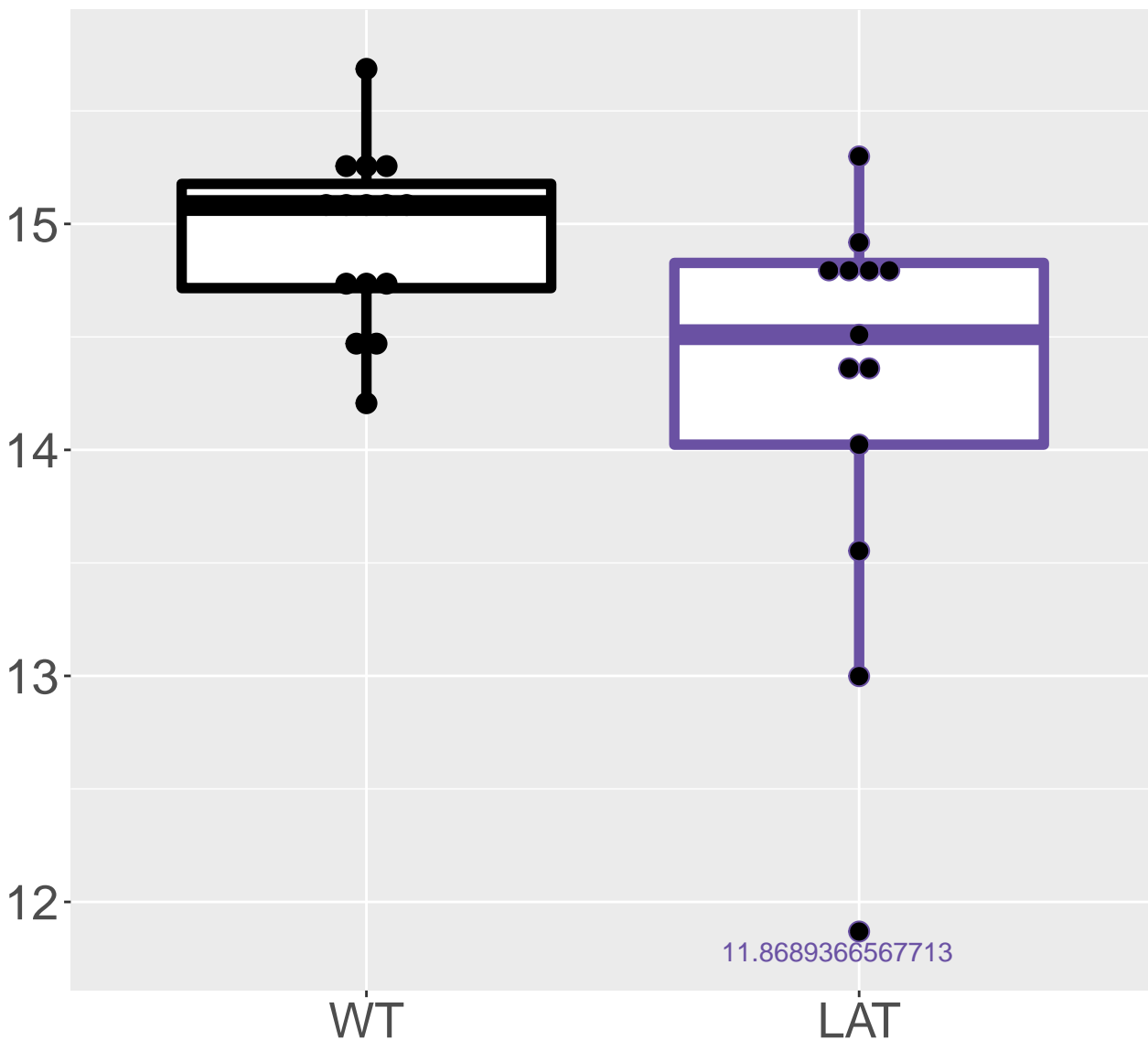


**M386.1469T476.96**  
**FDR = 0.04, FC = 0.69**

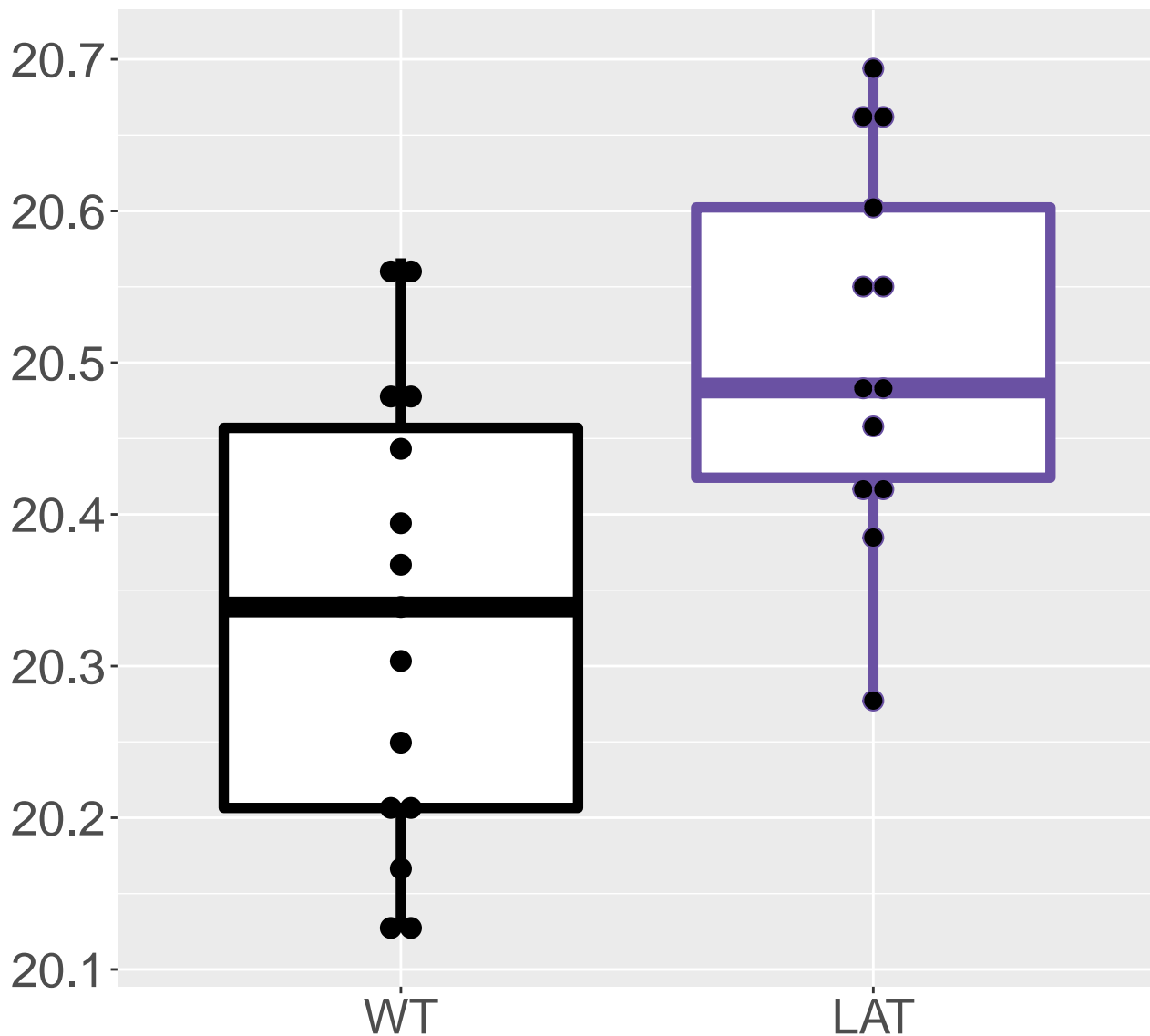


**M221.0064T176.37**

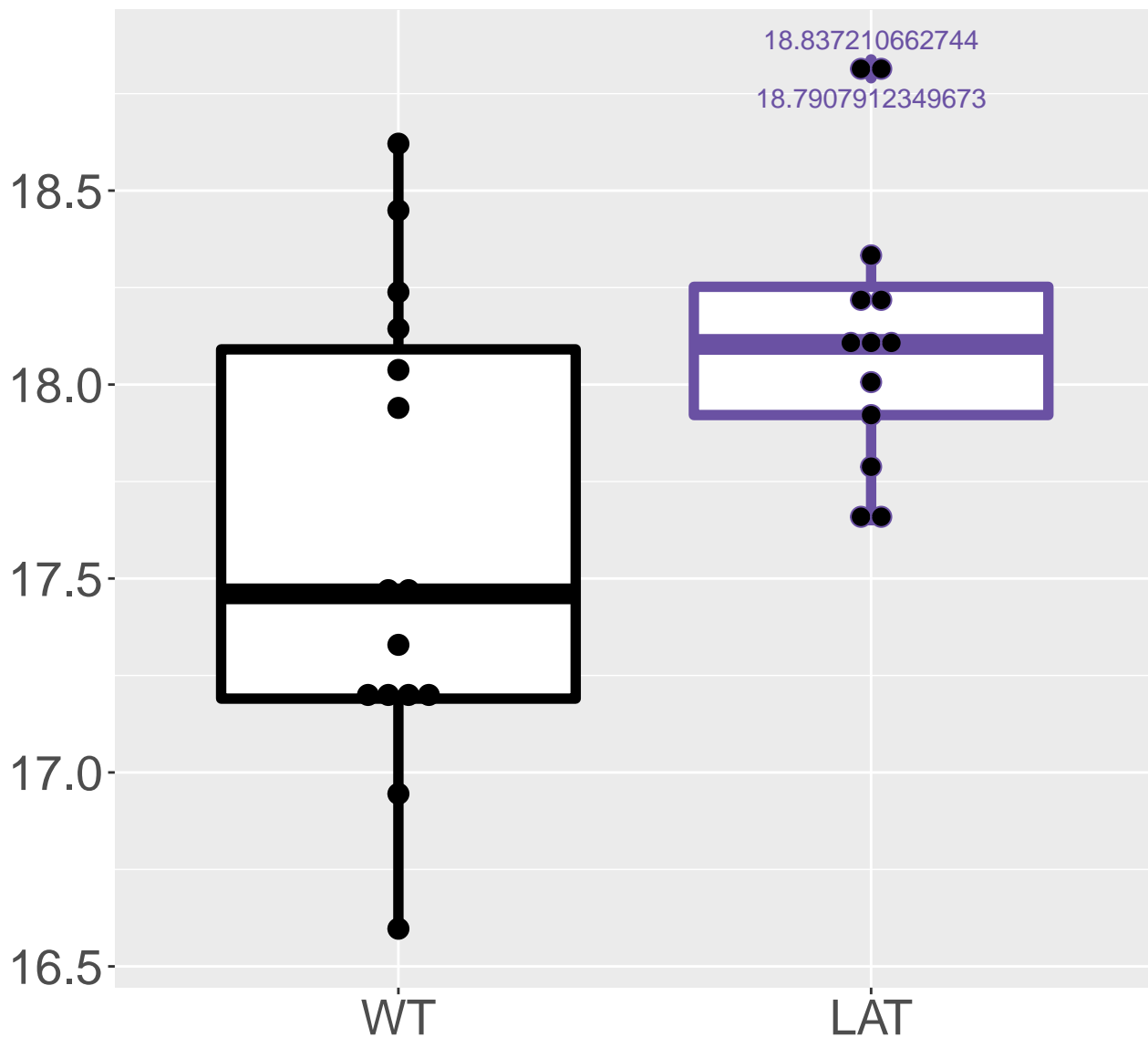
**FDR = 0.04, FC = -0.71**



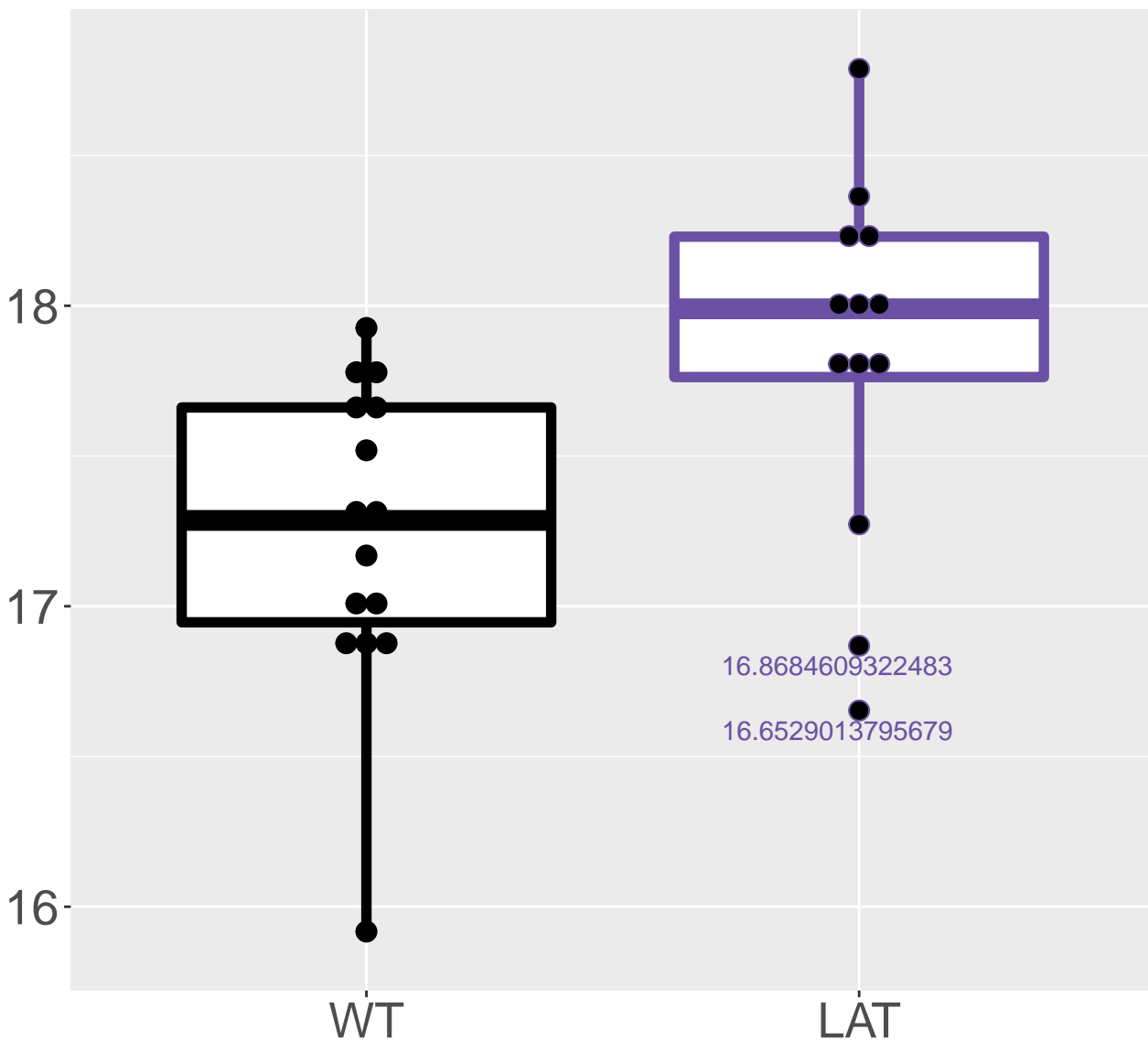
**M249.9563T993.63\_1**  
**FDR = 0.04, FC = 0.18**



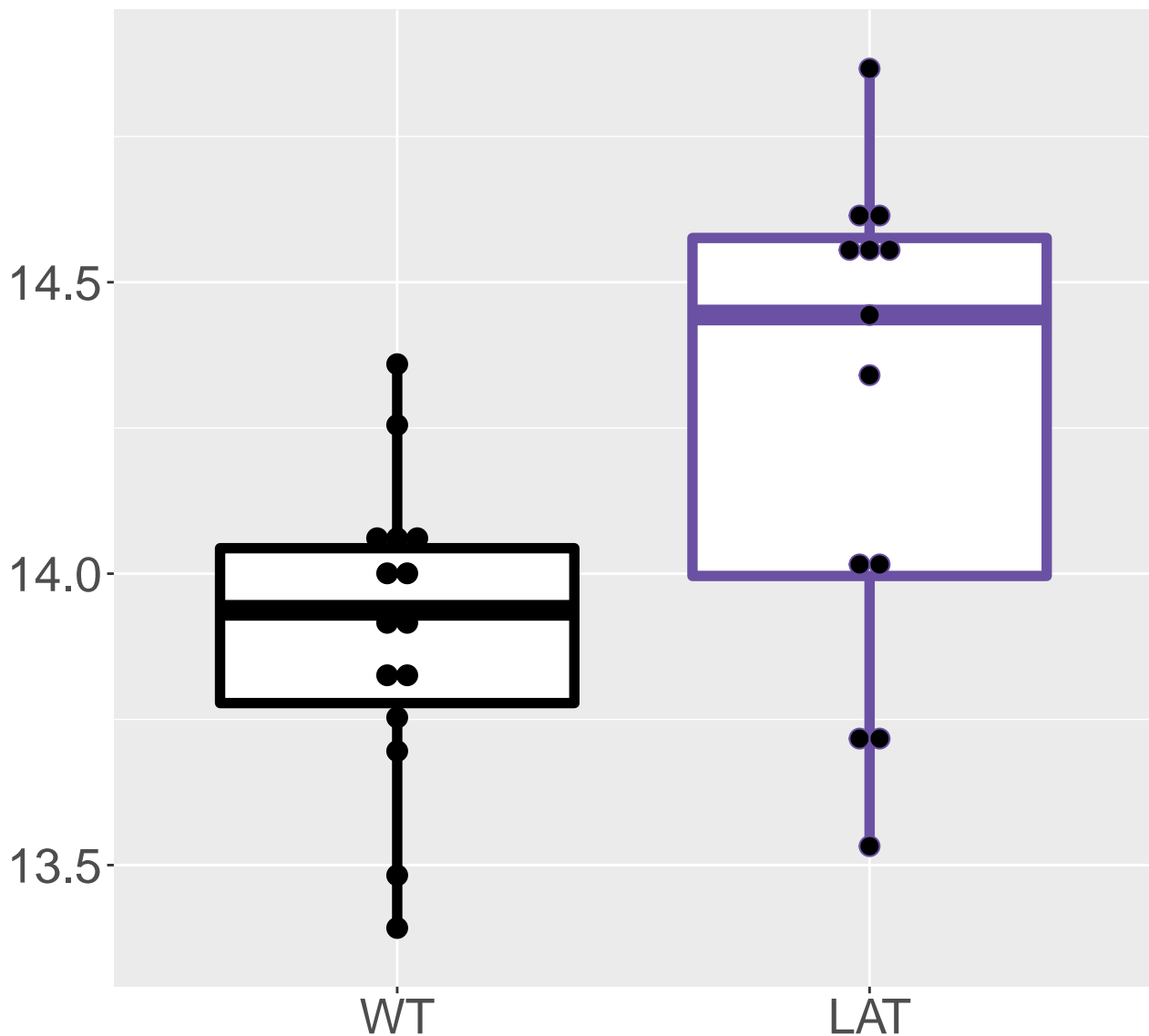
**M217.0721T332.32**  
**FDR = 0.04, FC = 0.53**



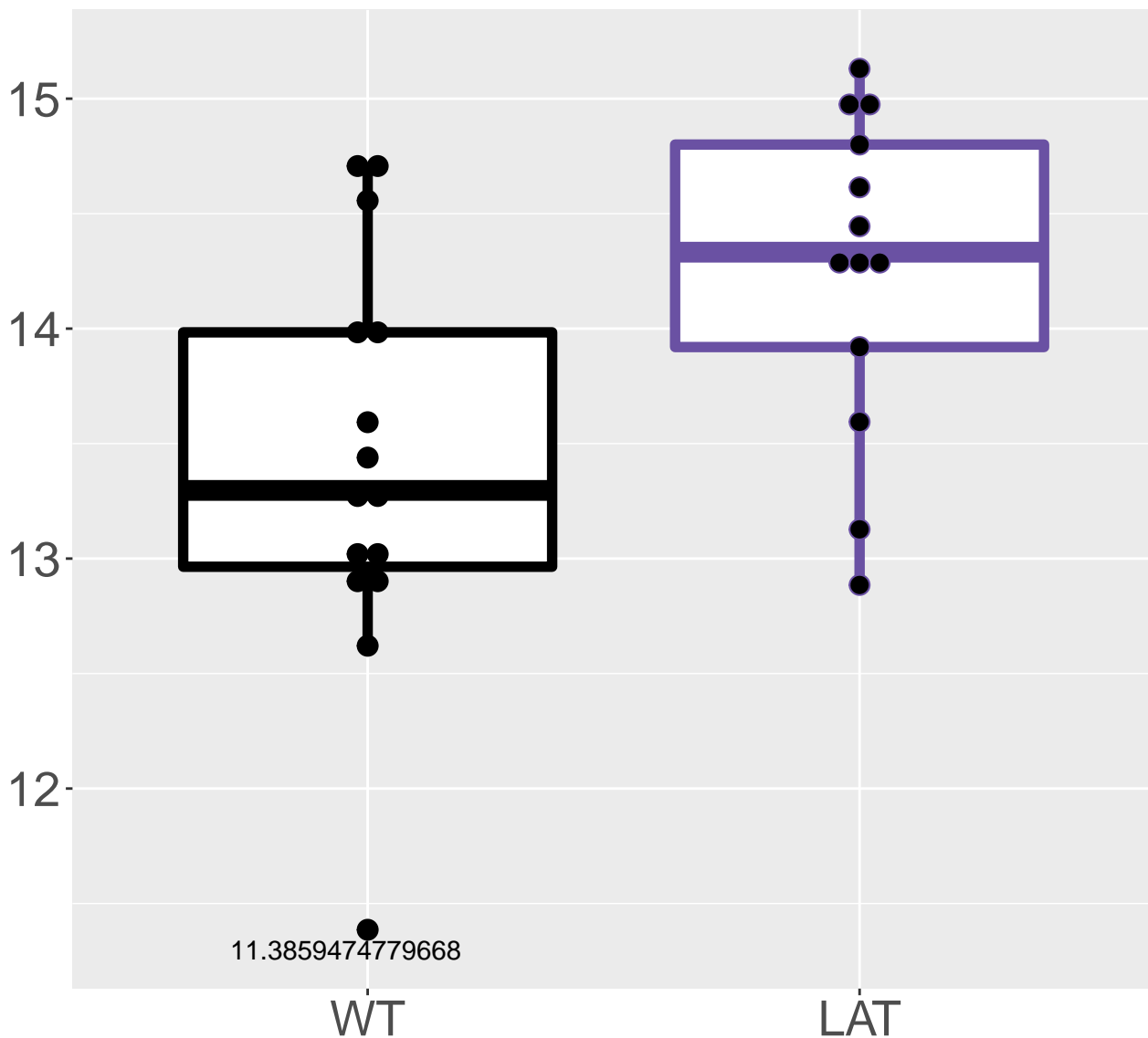
**M147.0301T285.92**  
**FDR = 0.04, FC = 0.59**



**M402.1613T334.53**  
**FDR = 0.04, FC = 0.37**



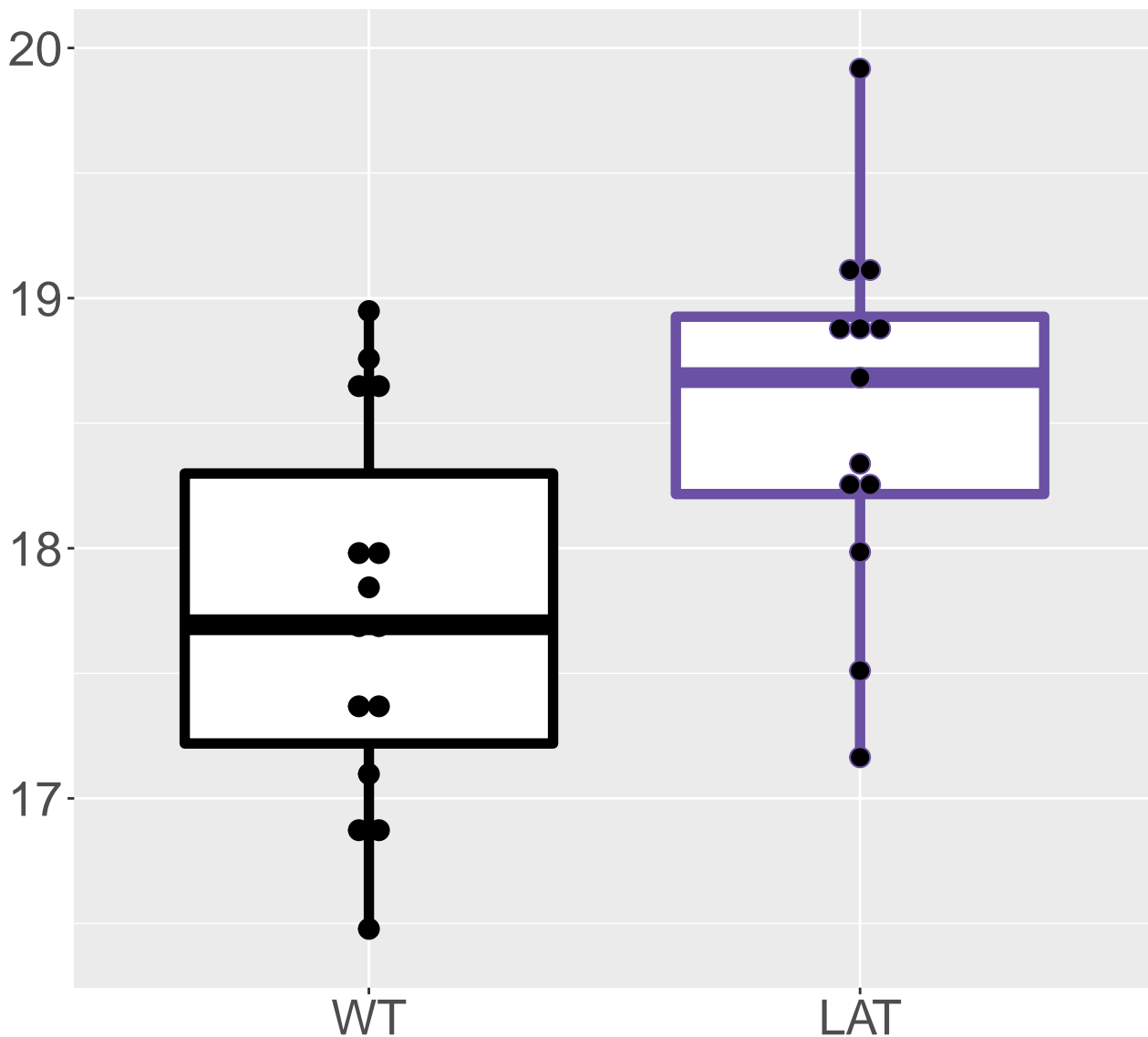
**M131.6427T555.7\_7**  
**FDR = 0.041, FC = 0.83**





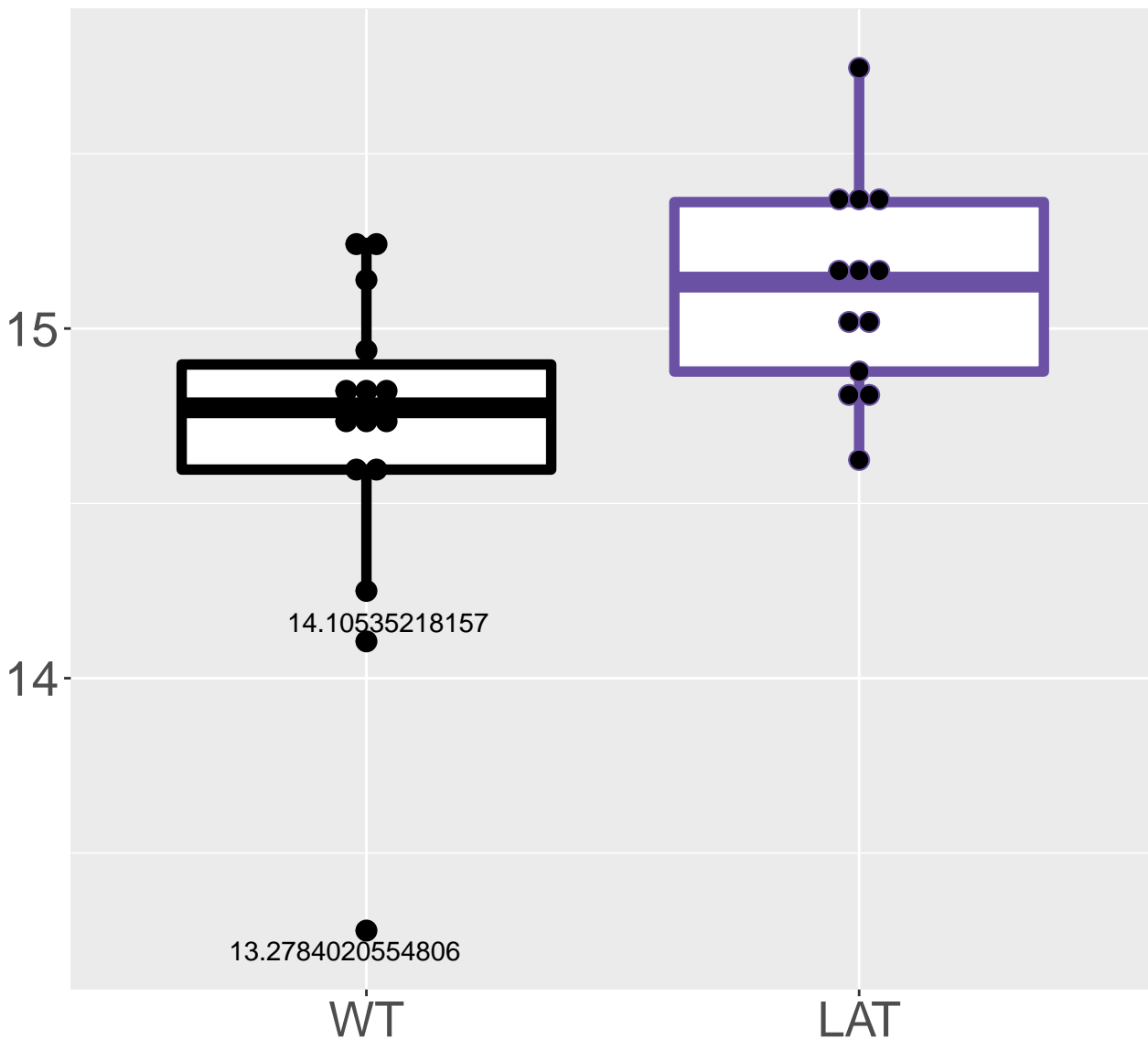
**M308.9924T555.8**

**FDR = 0.041, FC = 0.79**

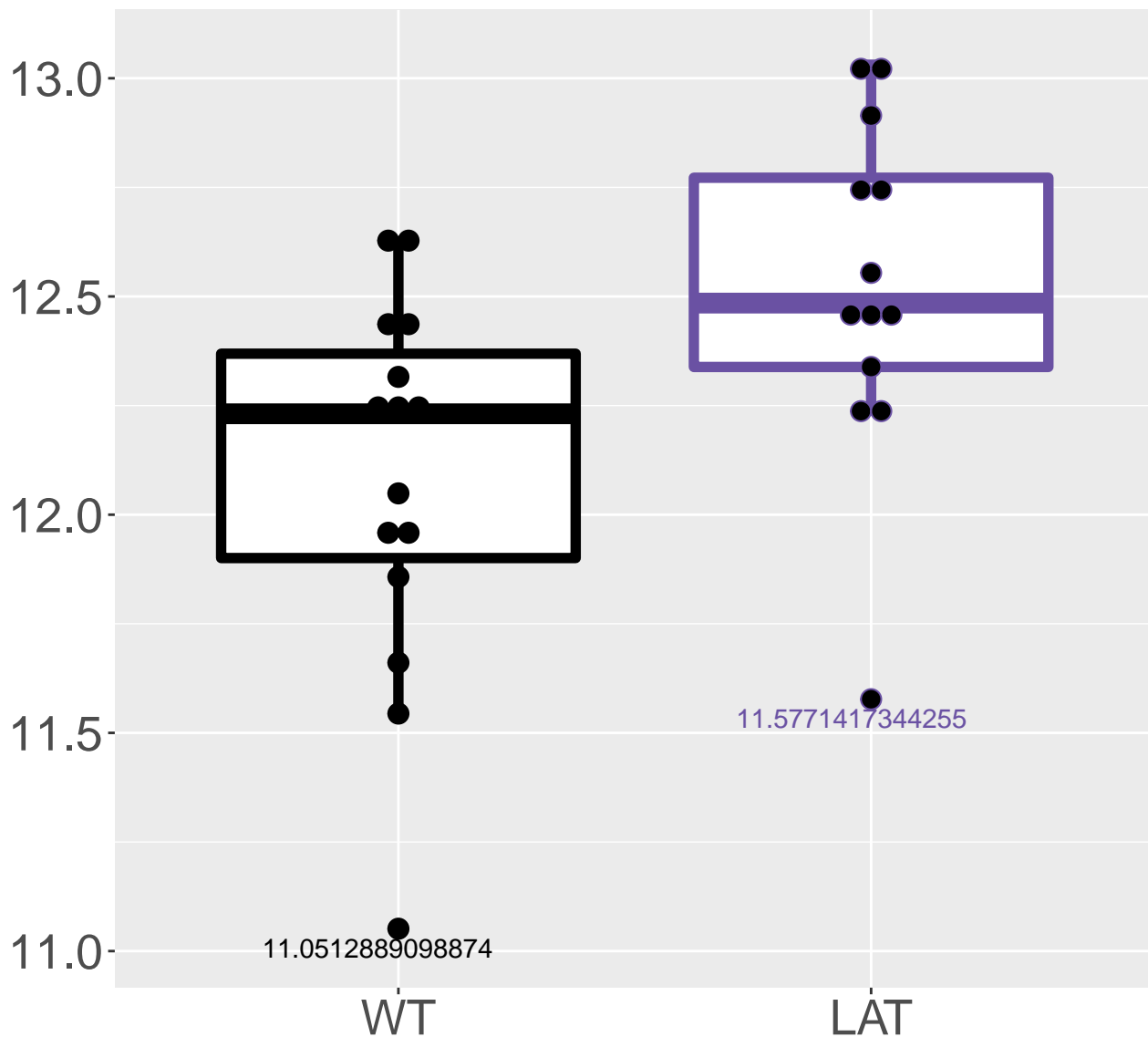


**M80.0119T987.58**

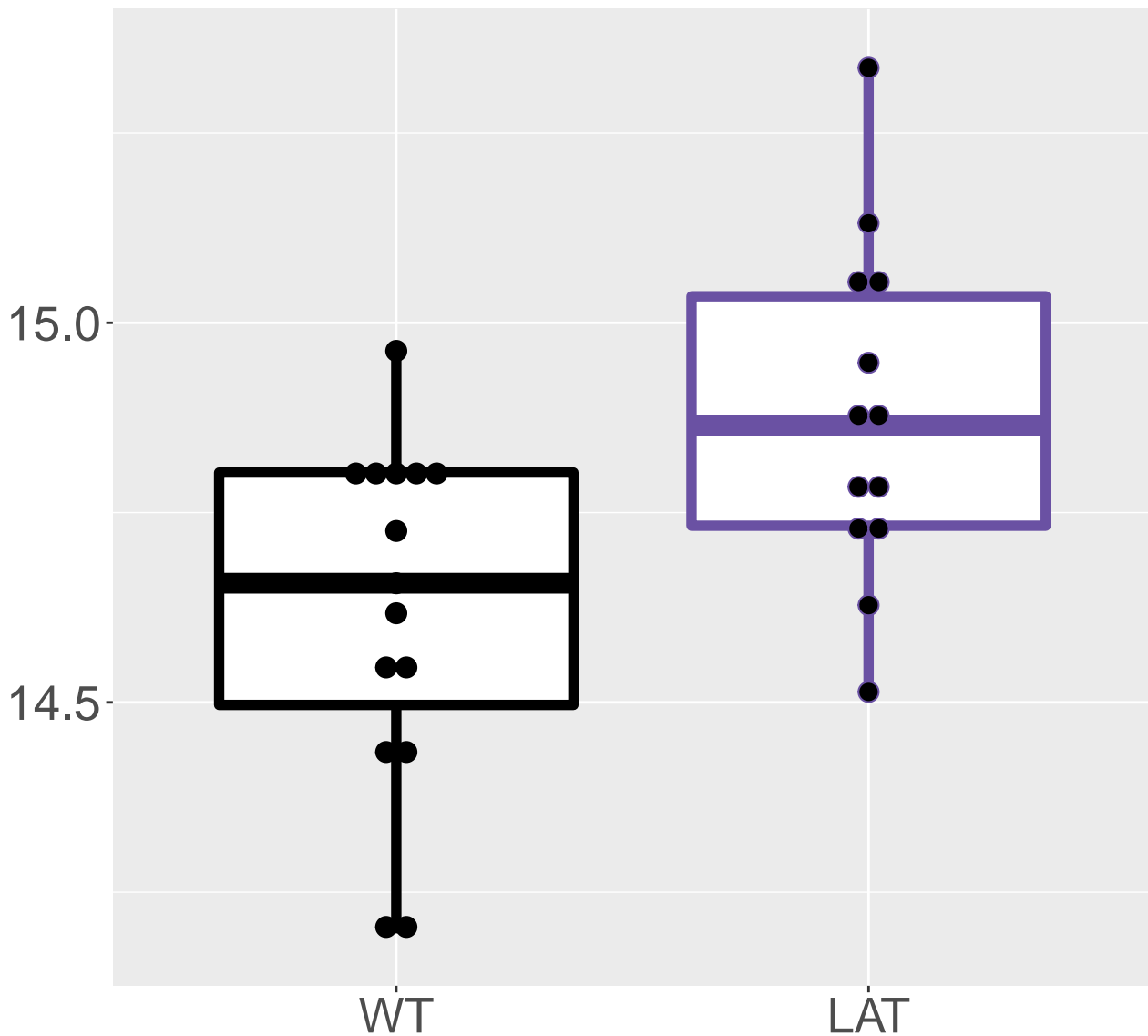
**FDR = 0.041, FC = 0.44**



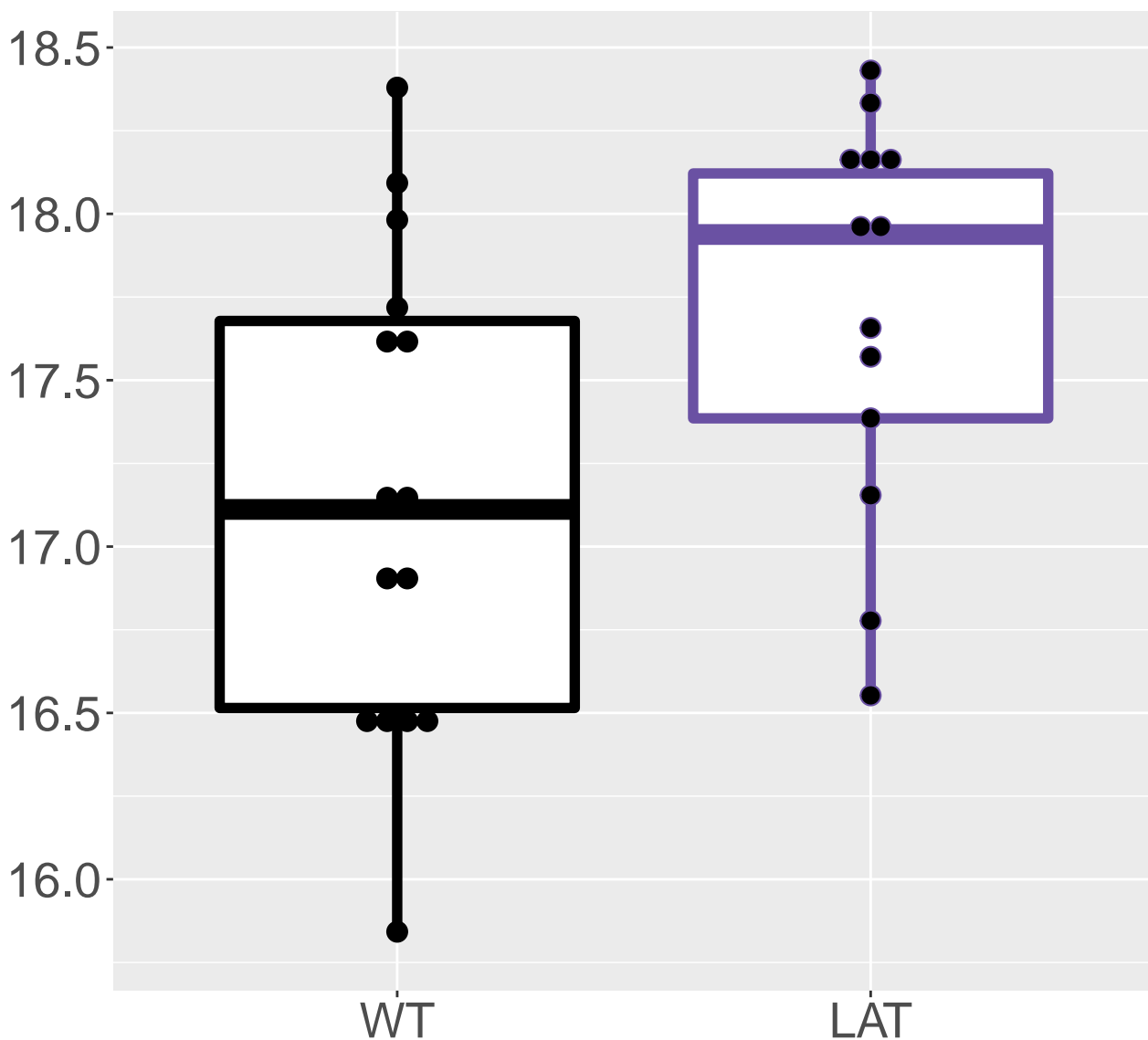
**M660.6677T1029.25**  
**FDR = 0.041, FC = 0.44**



**M336.8956T1220.47**  
**FDR = 0.041, FC = 0.26**

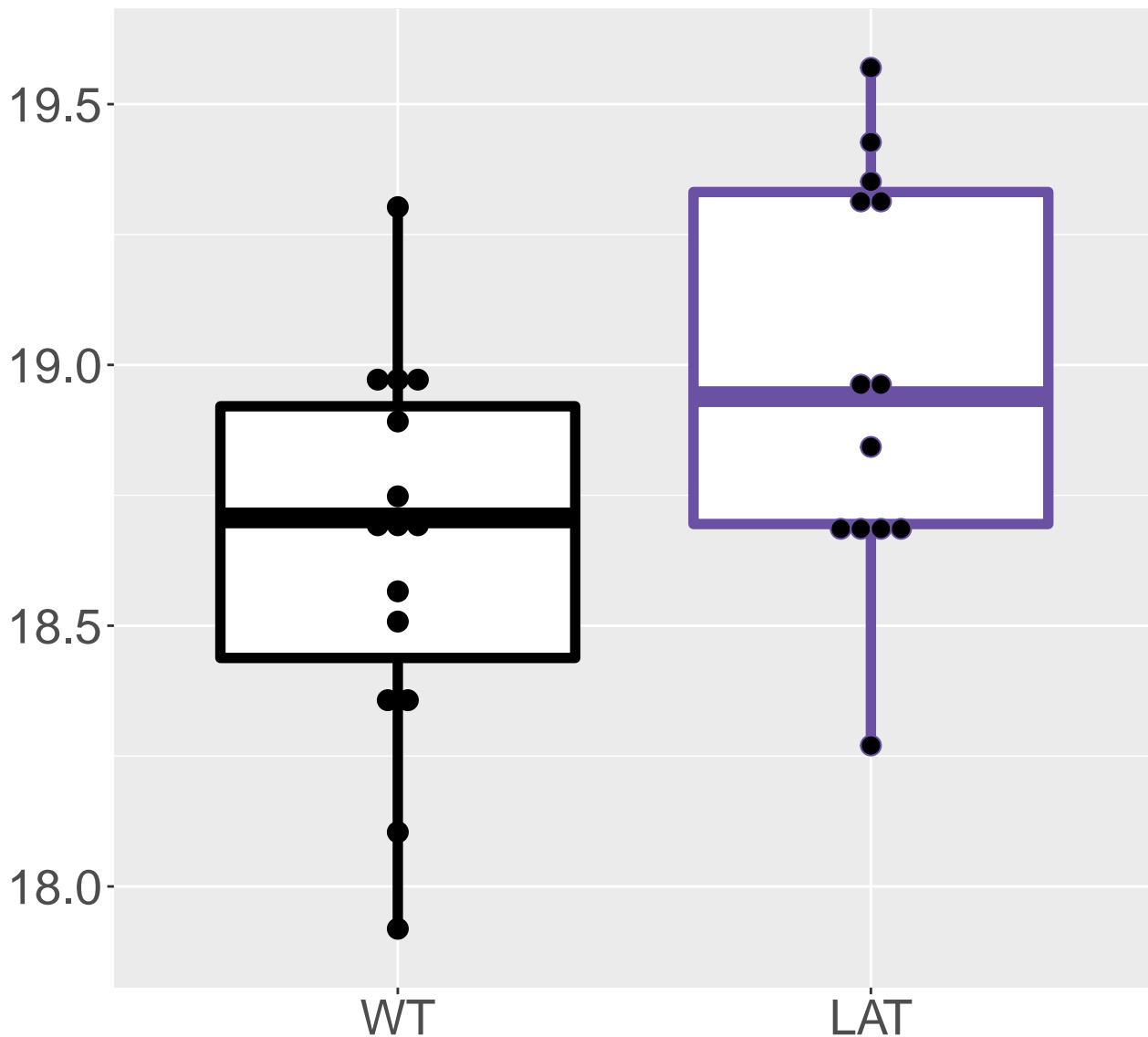


**o-Toluic acid;2-Methylbenzoic acid|Phenylac**  
**FDR = 0.041, FC = 0.56, sex\***



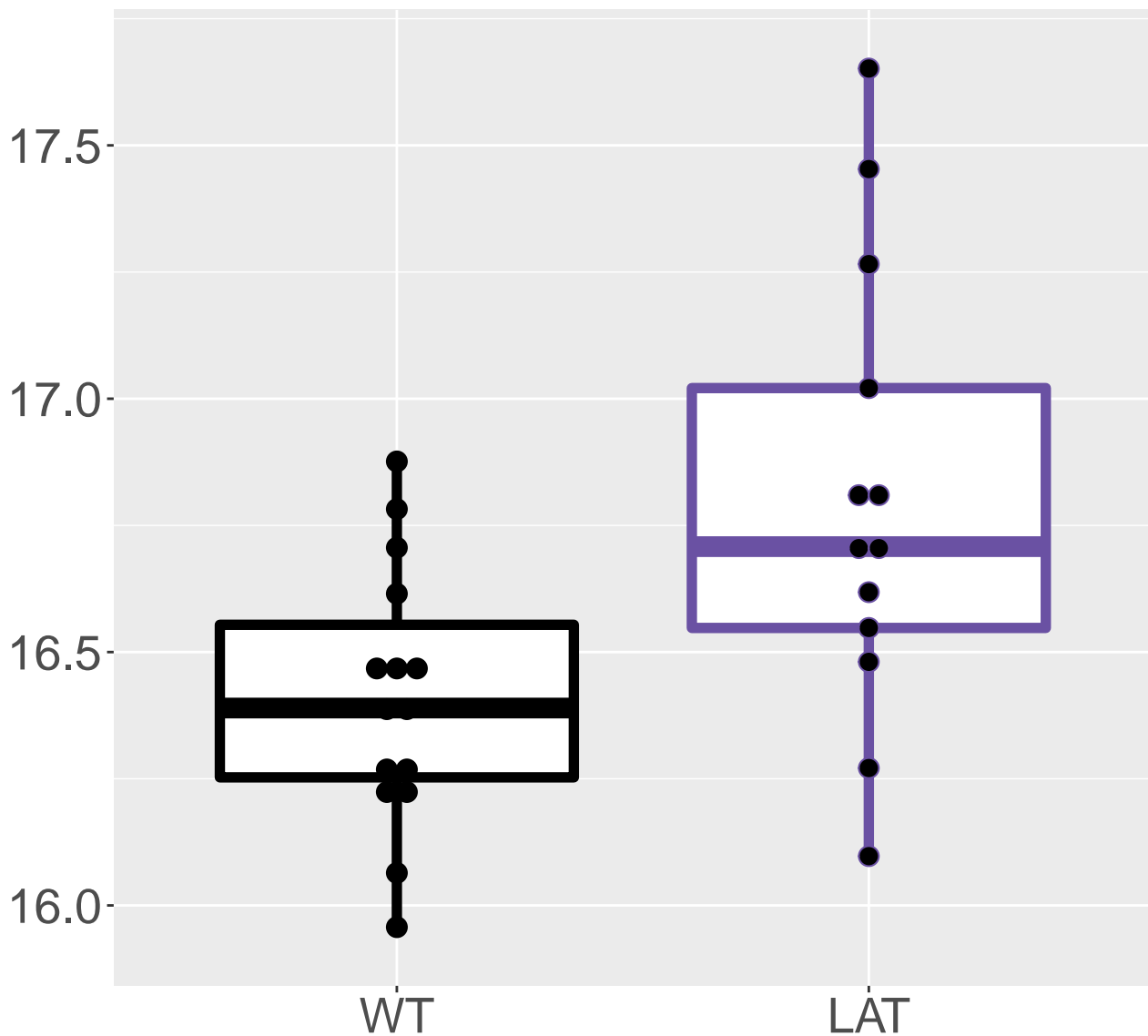
# N-Acetyl-DL-tryptophan

FDR = 0.041, FC = 0.33



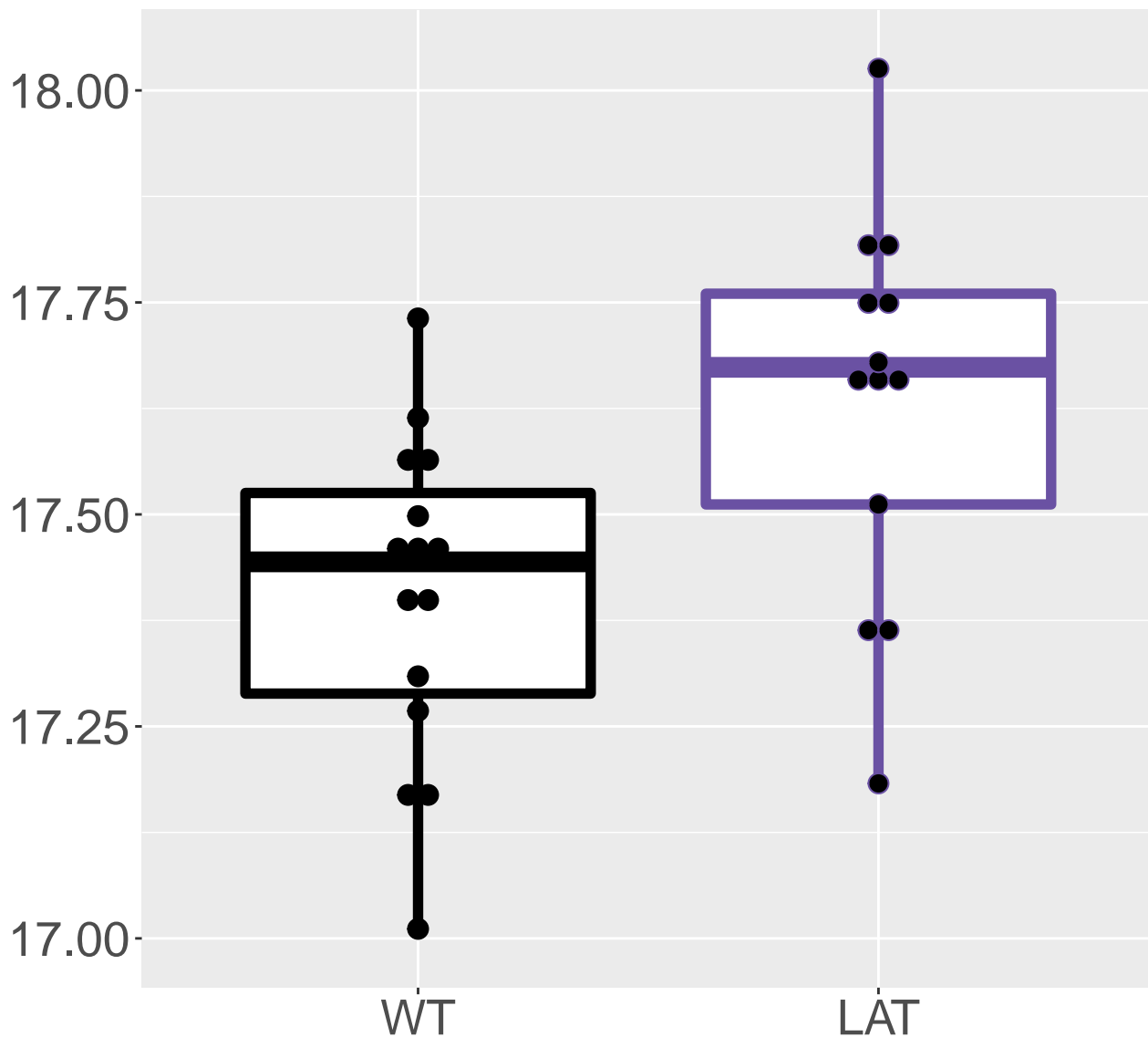
**M309.11T500.56**

**FDR = 0.041, FC = 0.39**



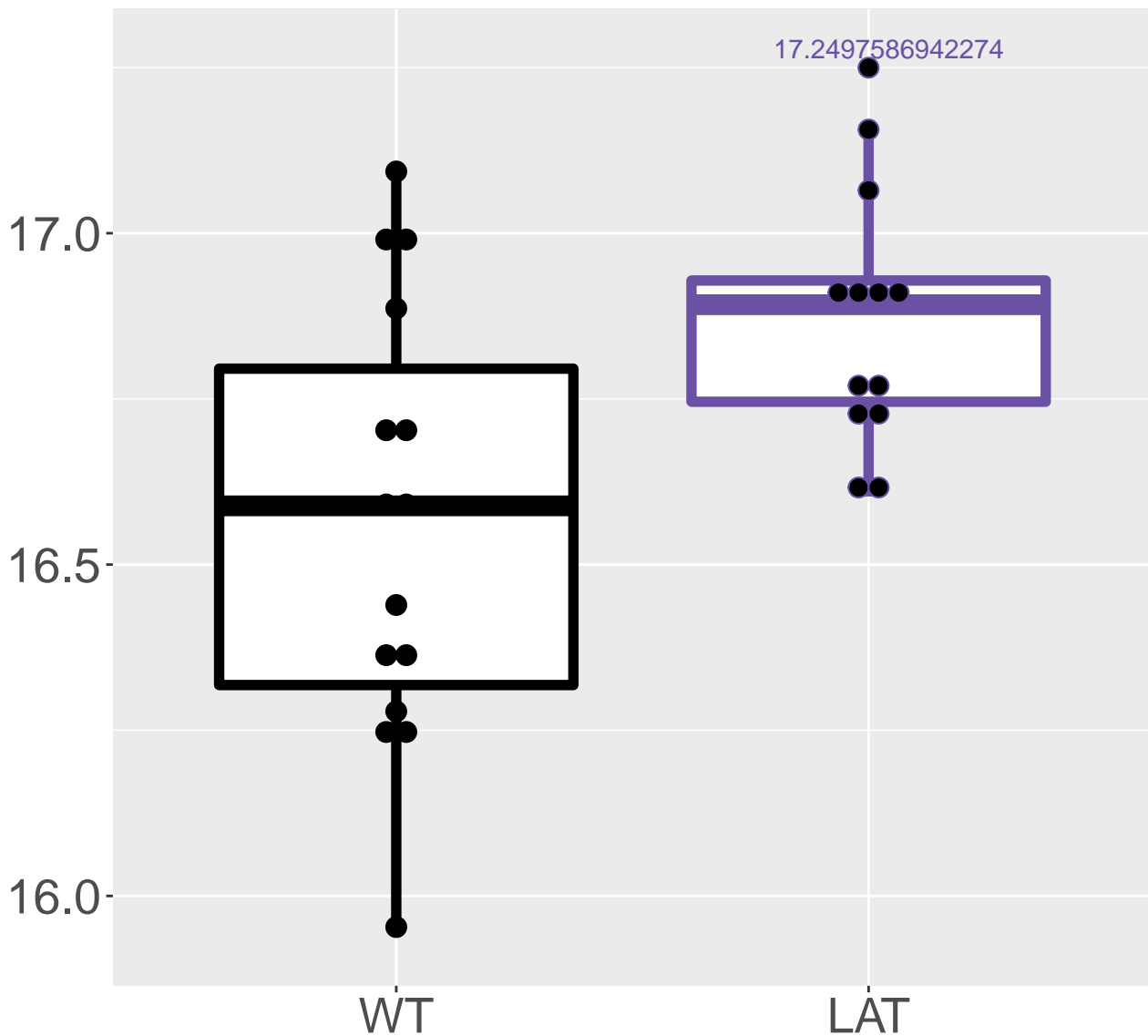
**M154.9157T1029.33**

**FDR = 0.041, FC = 0.23**

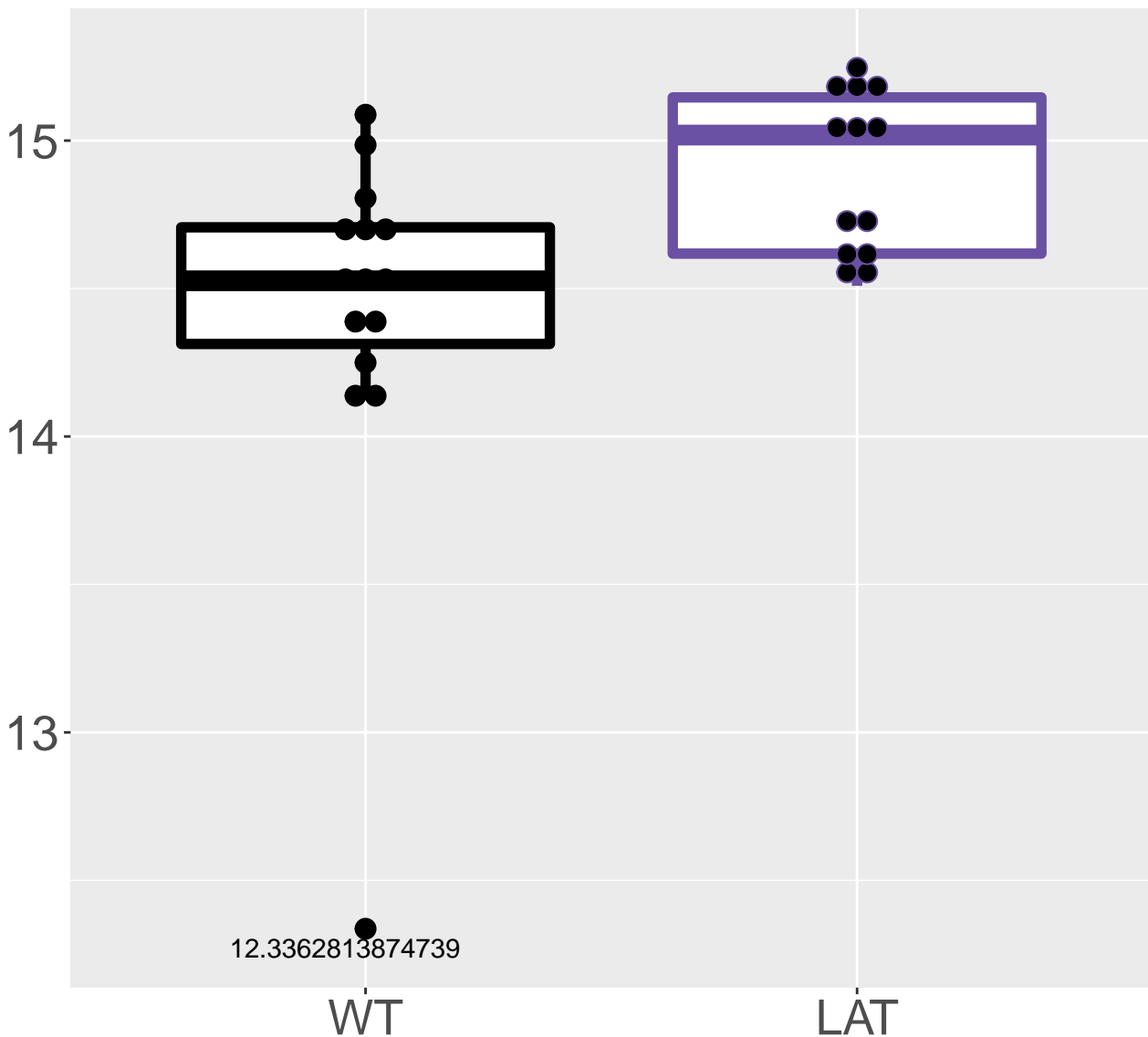




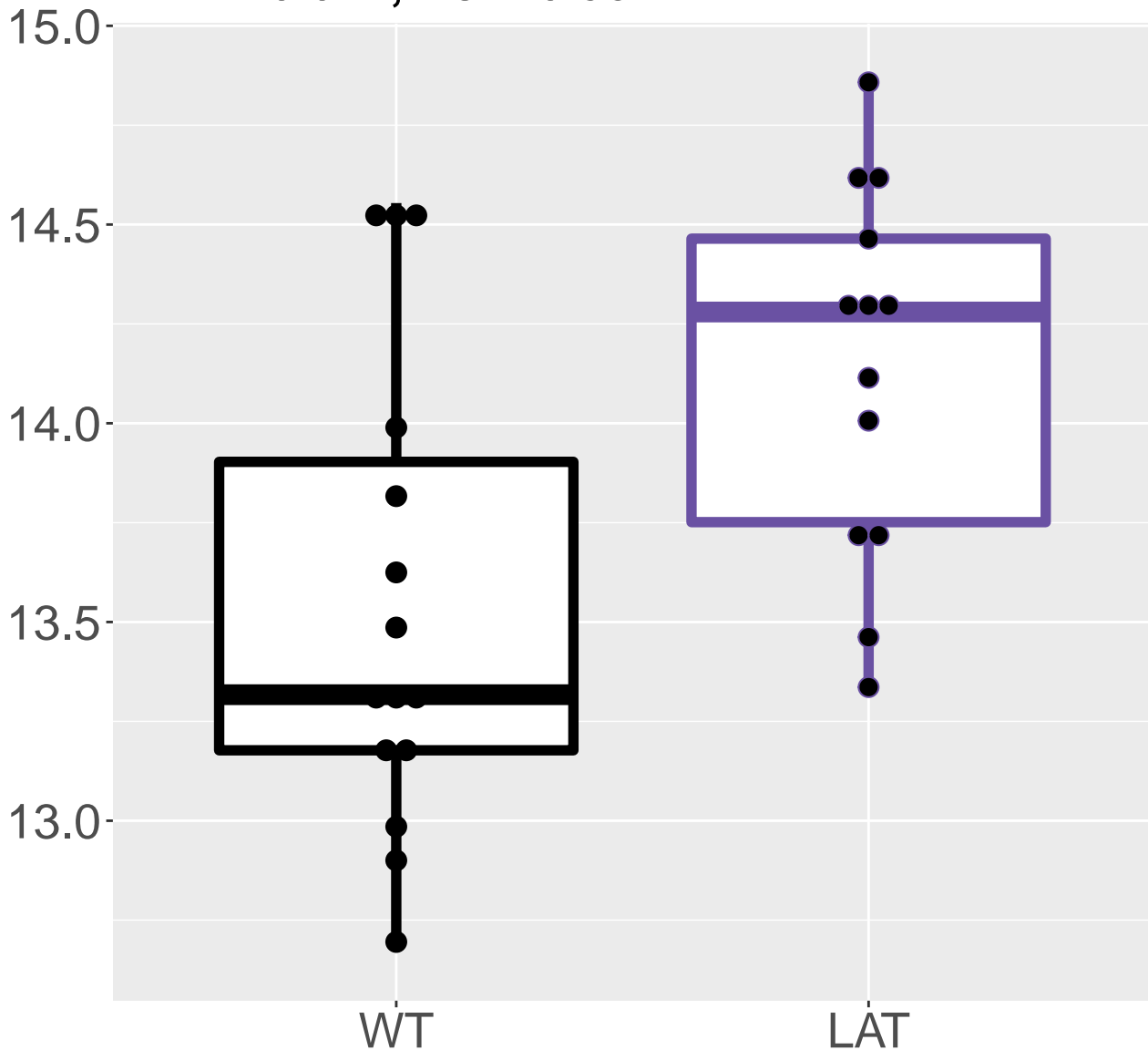
**L-(-)-Arabitol;L-Arabitol;L-Arabinitol|Adonitol**  
**FDR = 0.041, FC = 0.31**



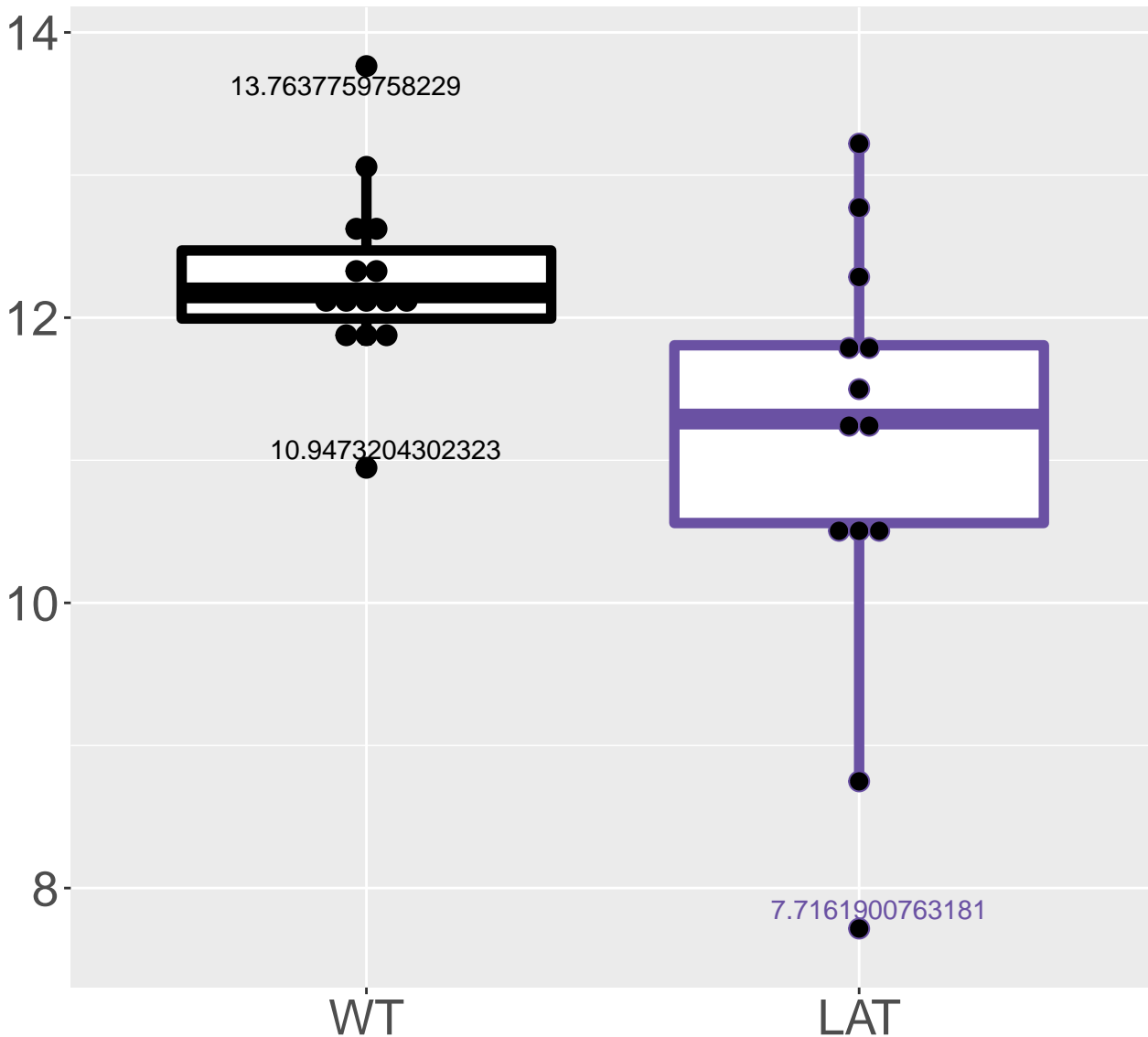
**M557.1593T614.1**  
**FDR = 0.041, FC = 0.49**



**M247.0014T378.68**  
**FDR = 0.041, FC = 0.58**

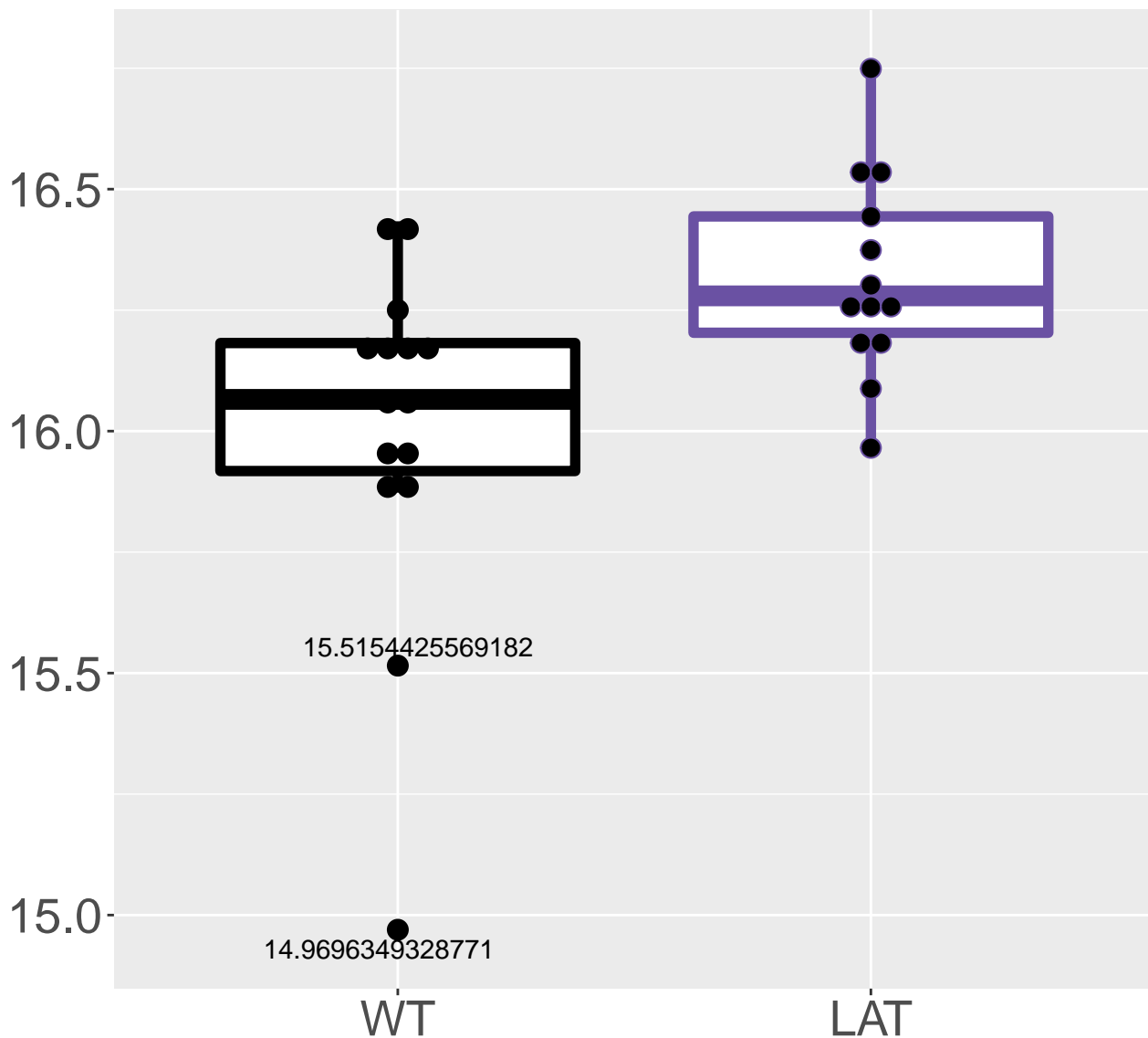


**FDR = 0.041, FC = -1.2**

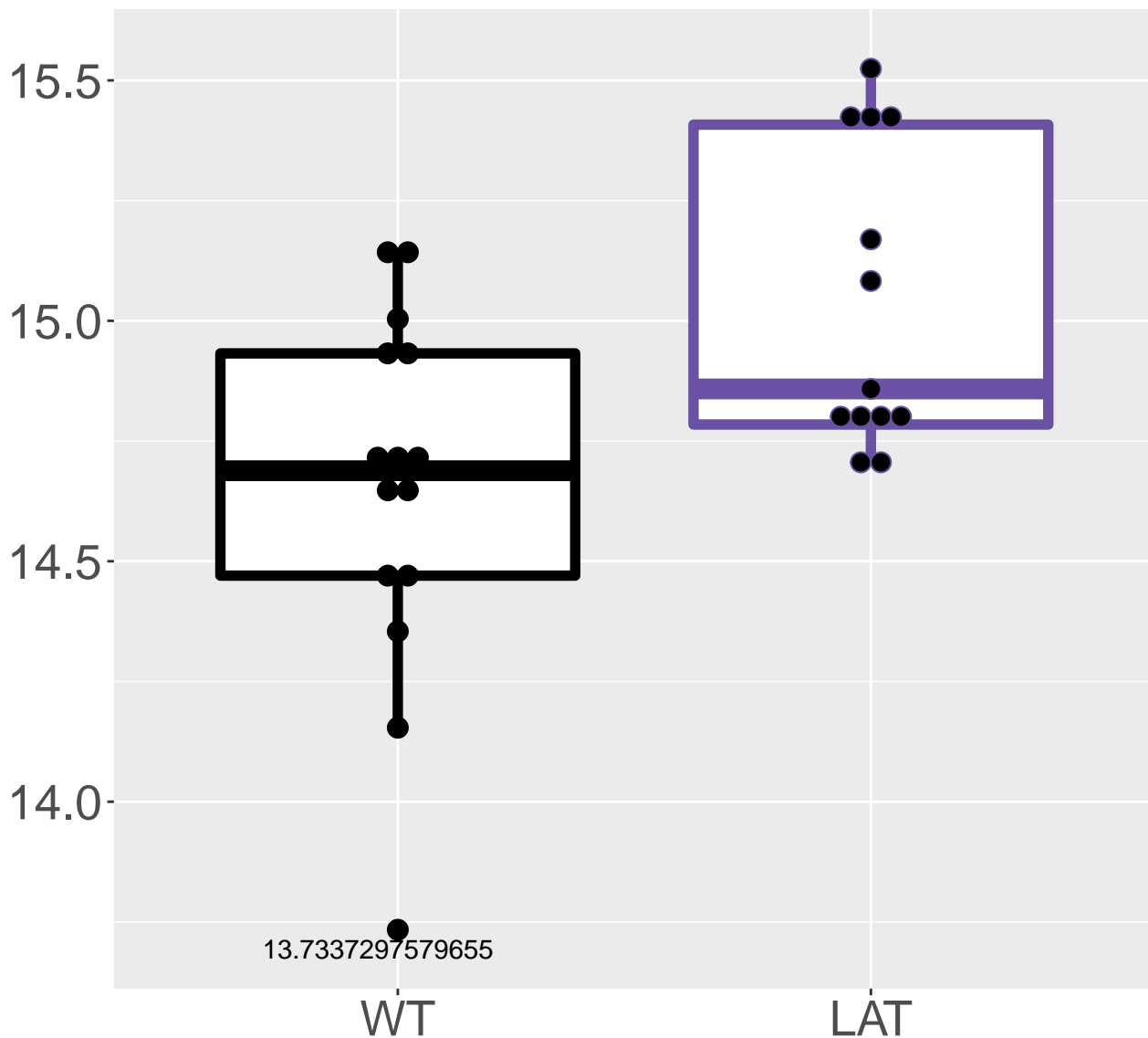


**M160.8422T444.1**

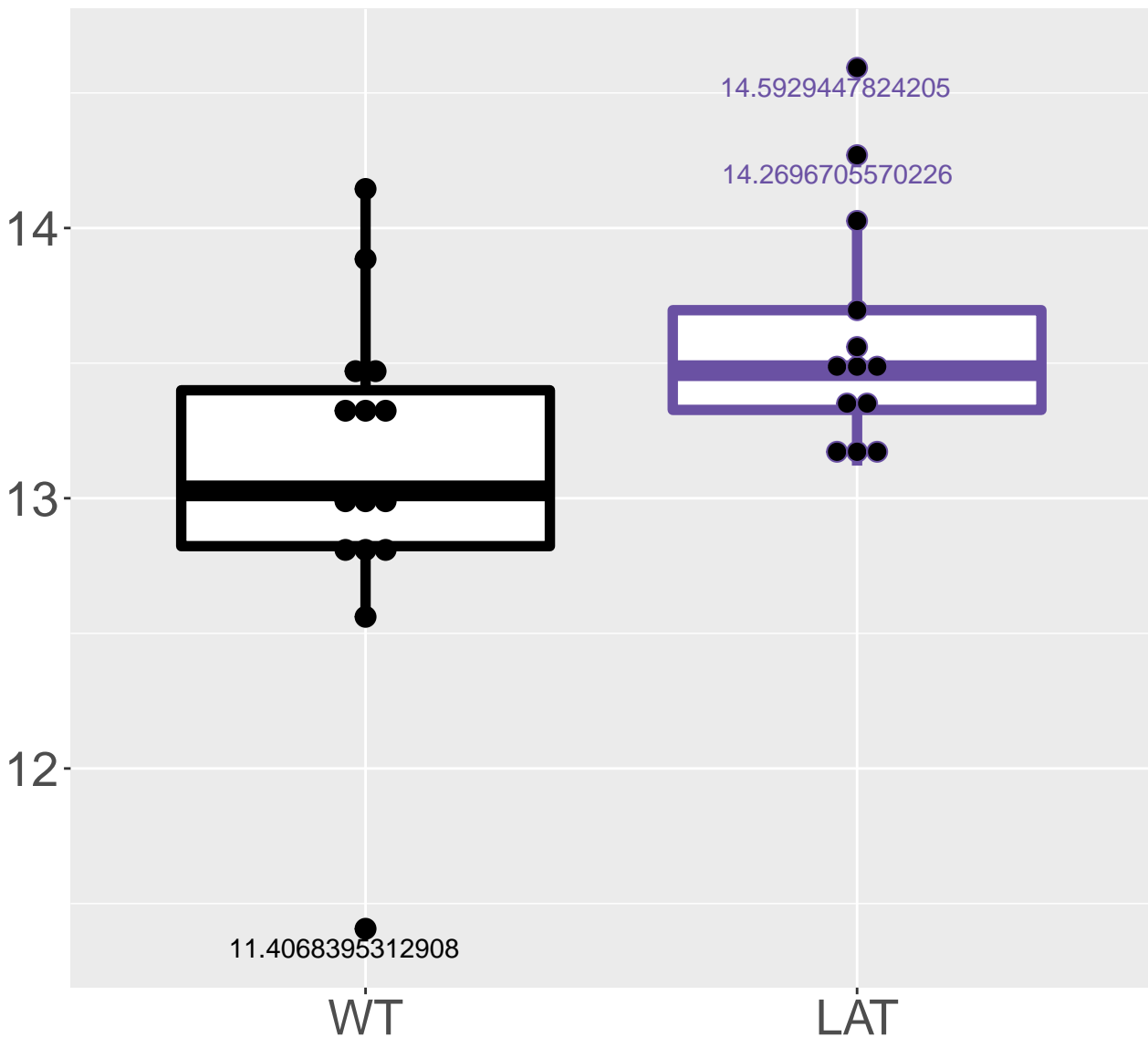
**FDR = 0.042, FC = 0.32**



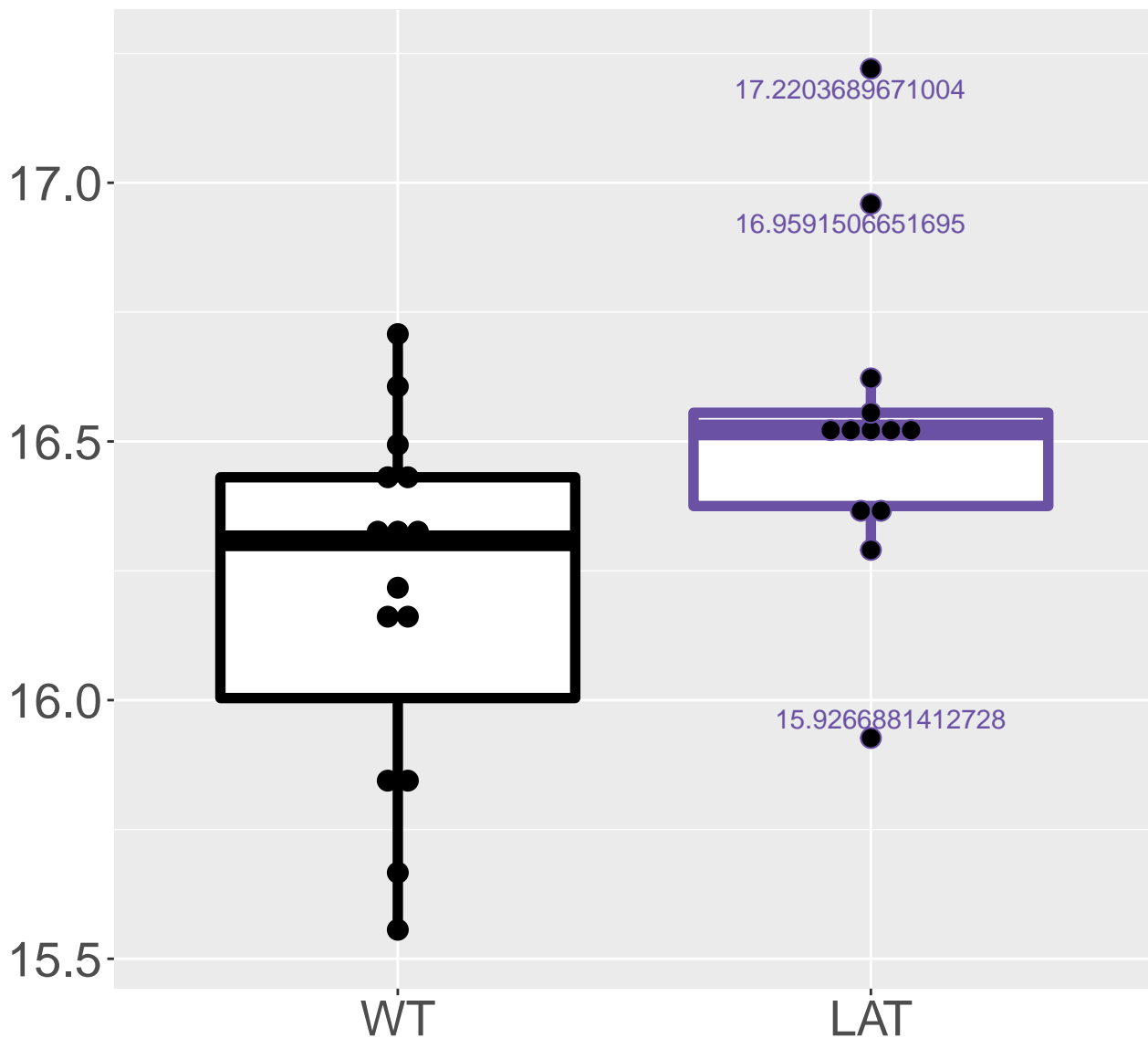
**M255.9645T1001.98**  
**FDR = 0.042, FC = 0.38**



**M384.131T204.5**  
**FDR = 0.042, FC = 0.51**



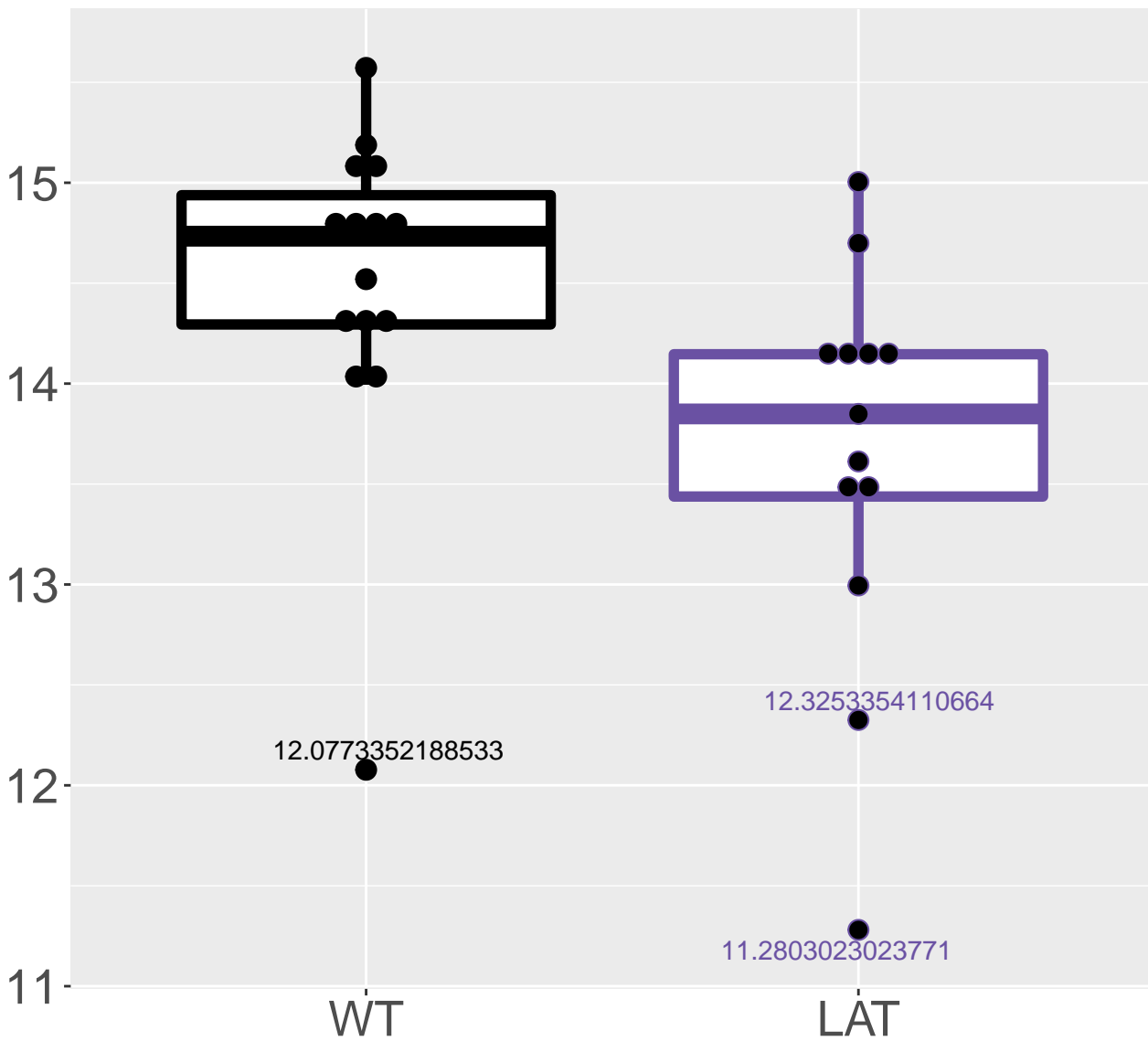
**FDR = 0.042, FC = 0.33**





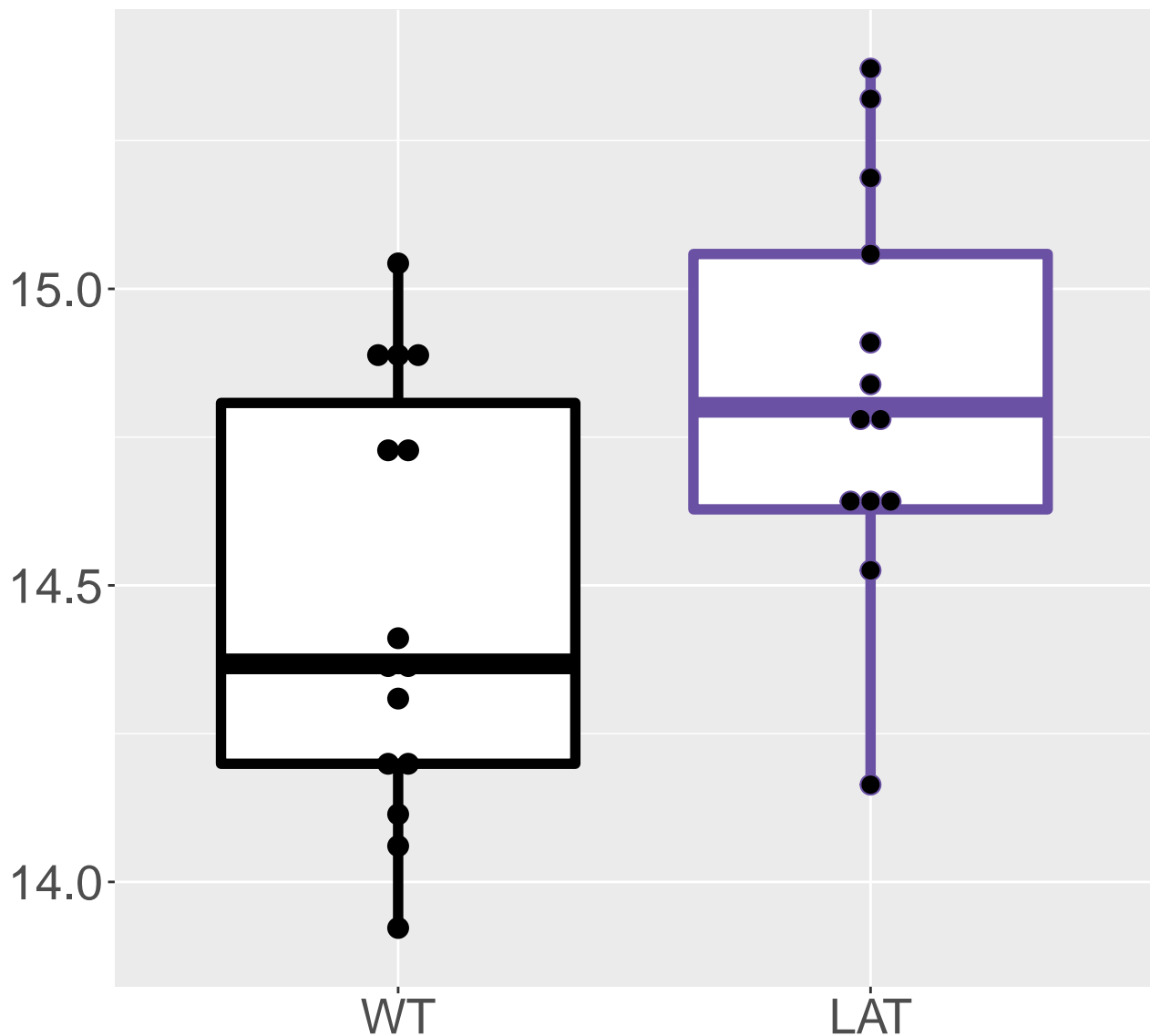
# M364.1038T435

**FDR = 0.043, FC = -0.89**



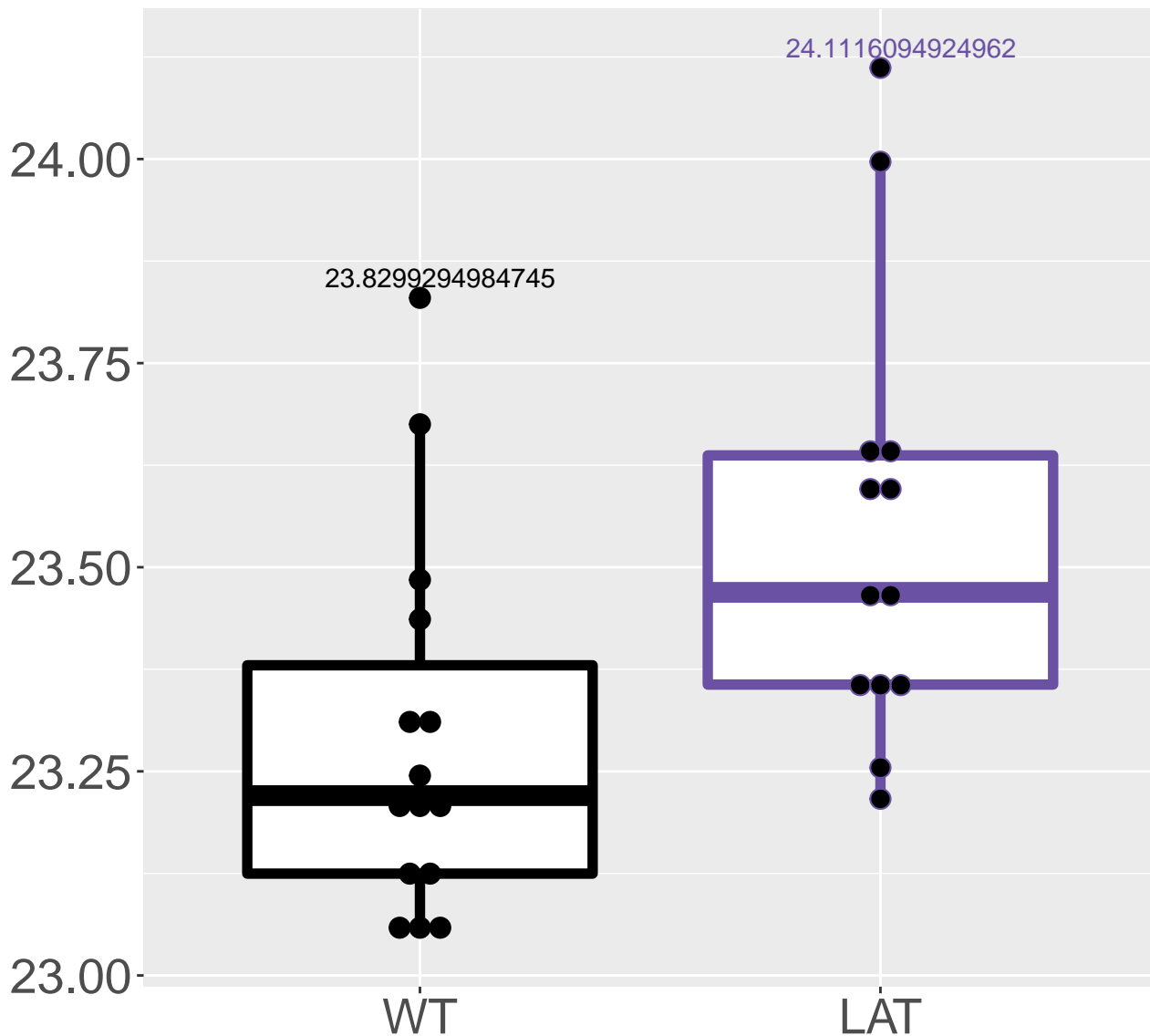
**M122.9969T397.89**

**FDR = 0.044, FC = 0.36**



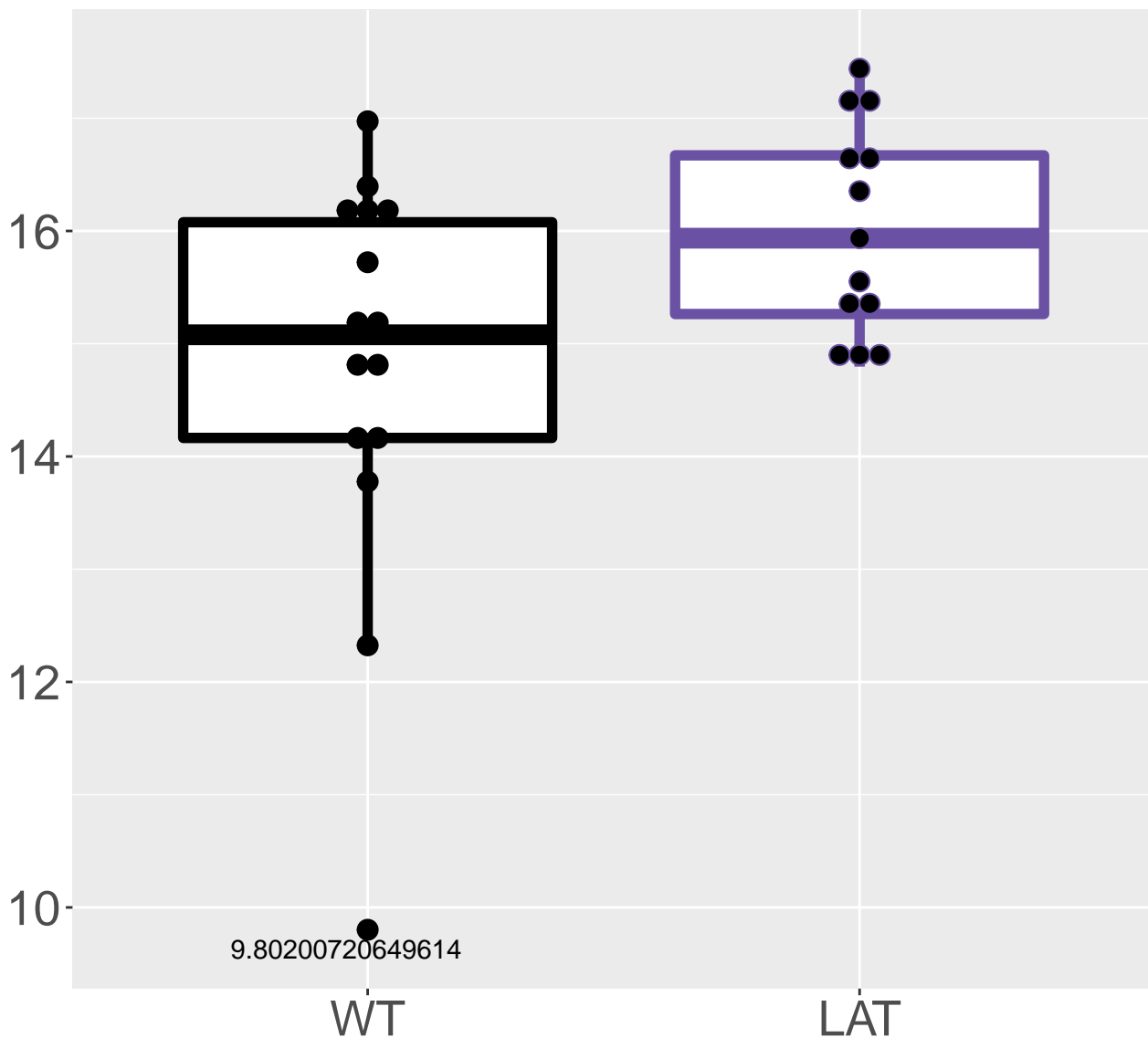
# L-Phenylalanine;Phenylalanine|Benzocaine

FDR = 0.044, FC = 0.25

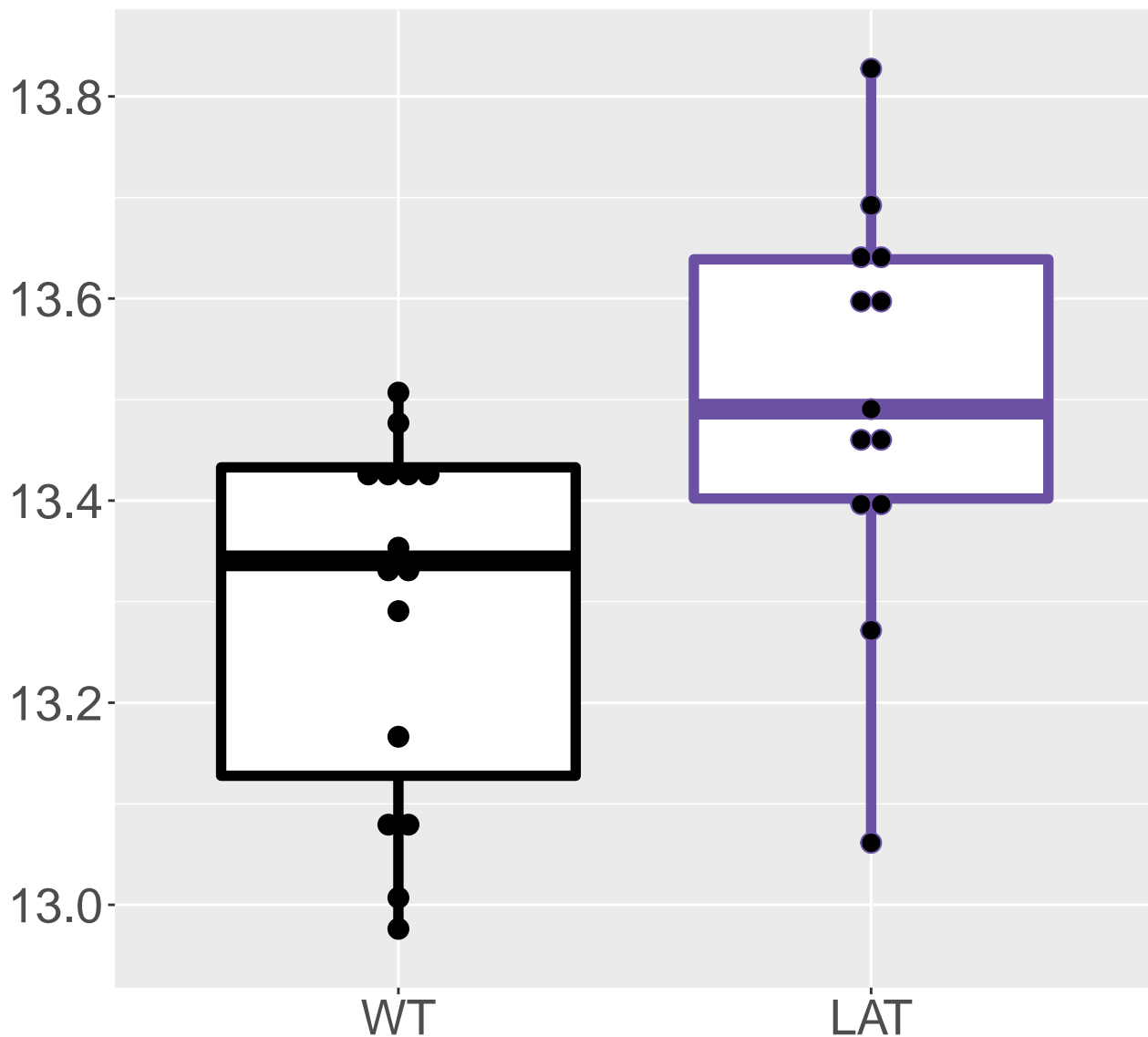


**M153.0924T88.1**

**FDR = 0.044, FC = 1.2, sex\*\*\***

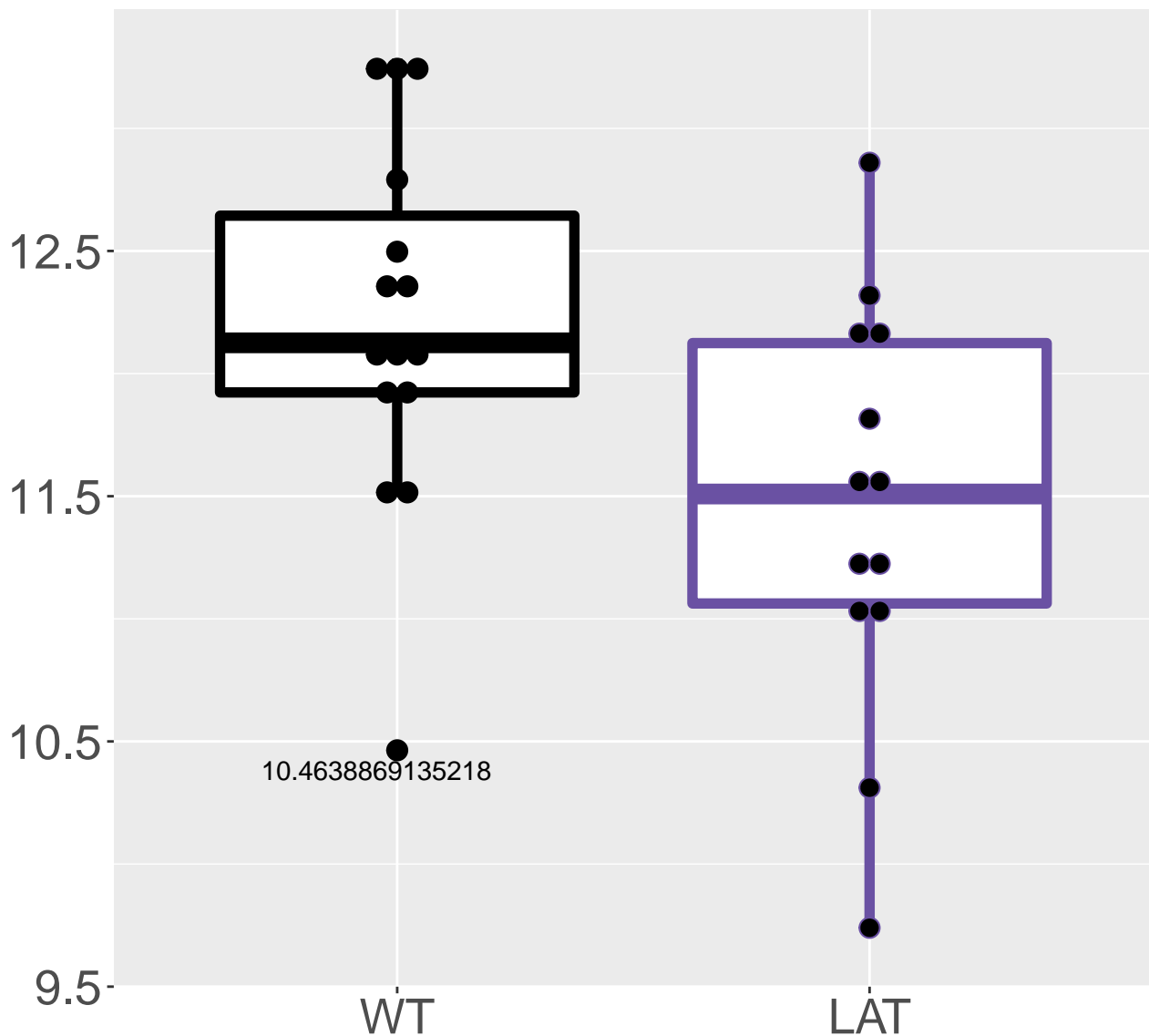


**M238.8774T1029.79\_2**  
**FDR = 0.044, FC = 0.21**



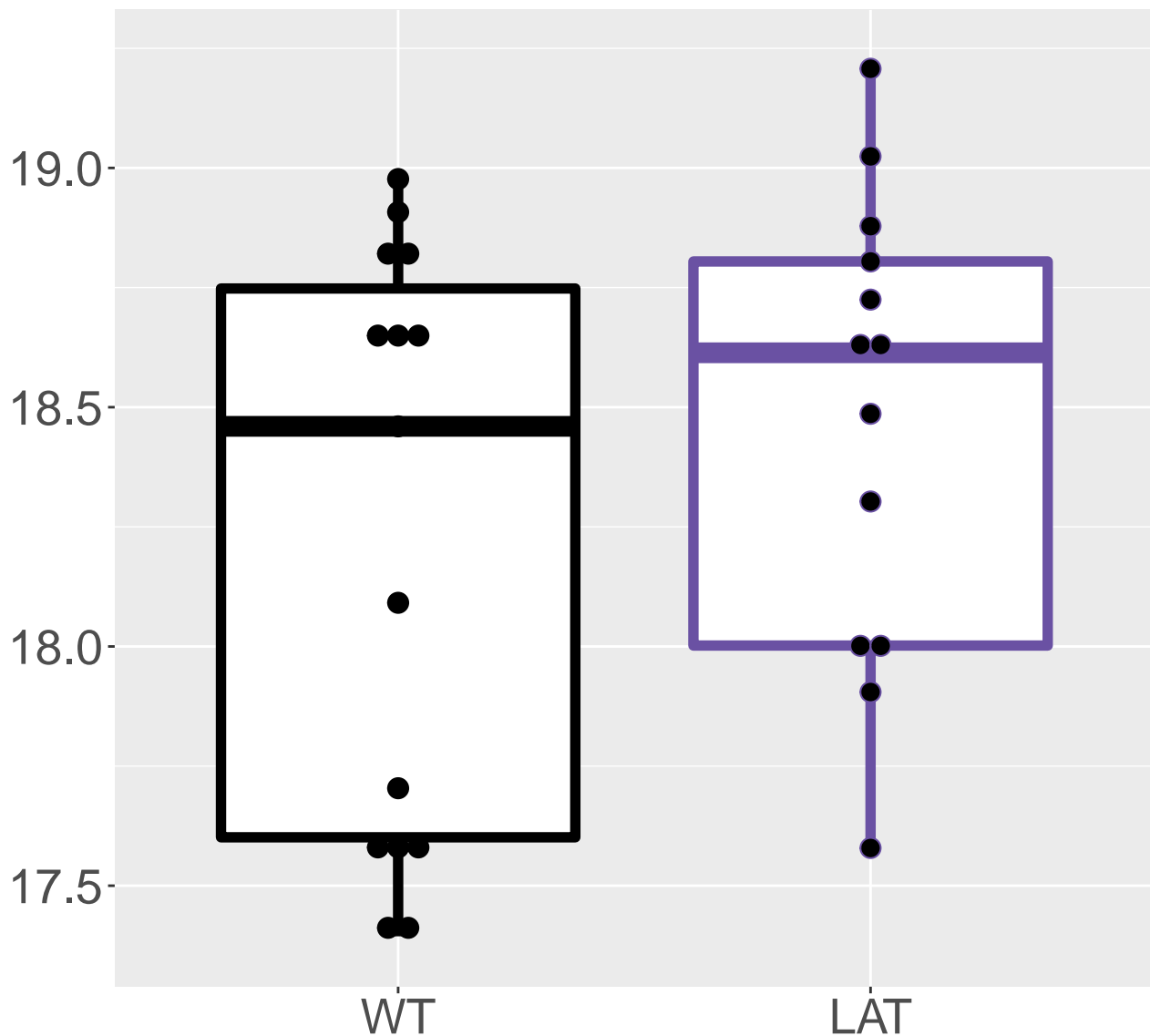
**M582.3001T578.11**

**FDR = 0.044, FC = -0.76, sex\***



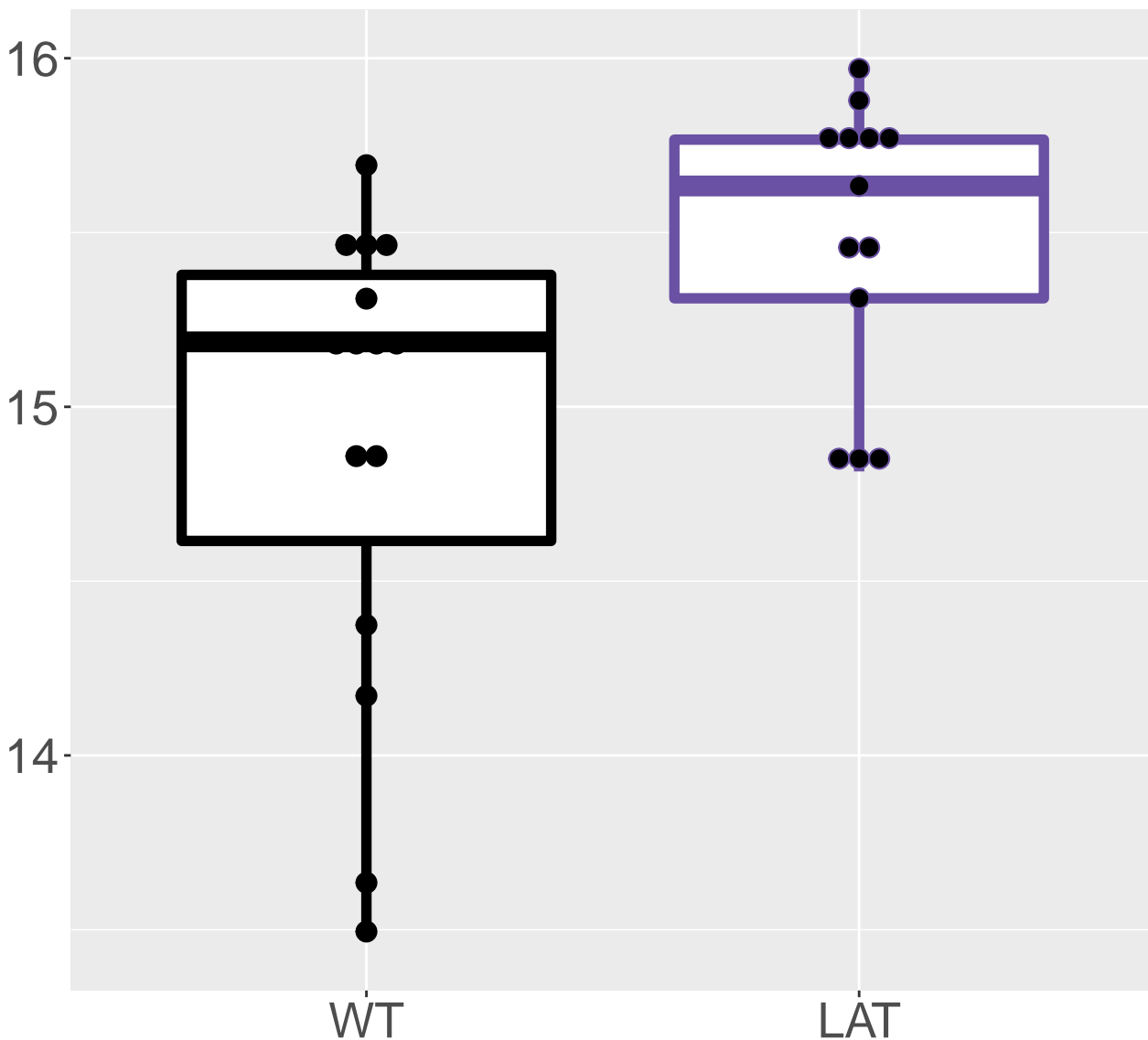
**M440.0781T162.29**

**FDR = 0.044, FC = 0.25, sex\*\*\***



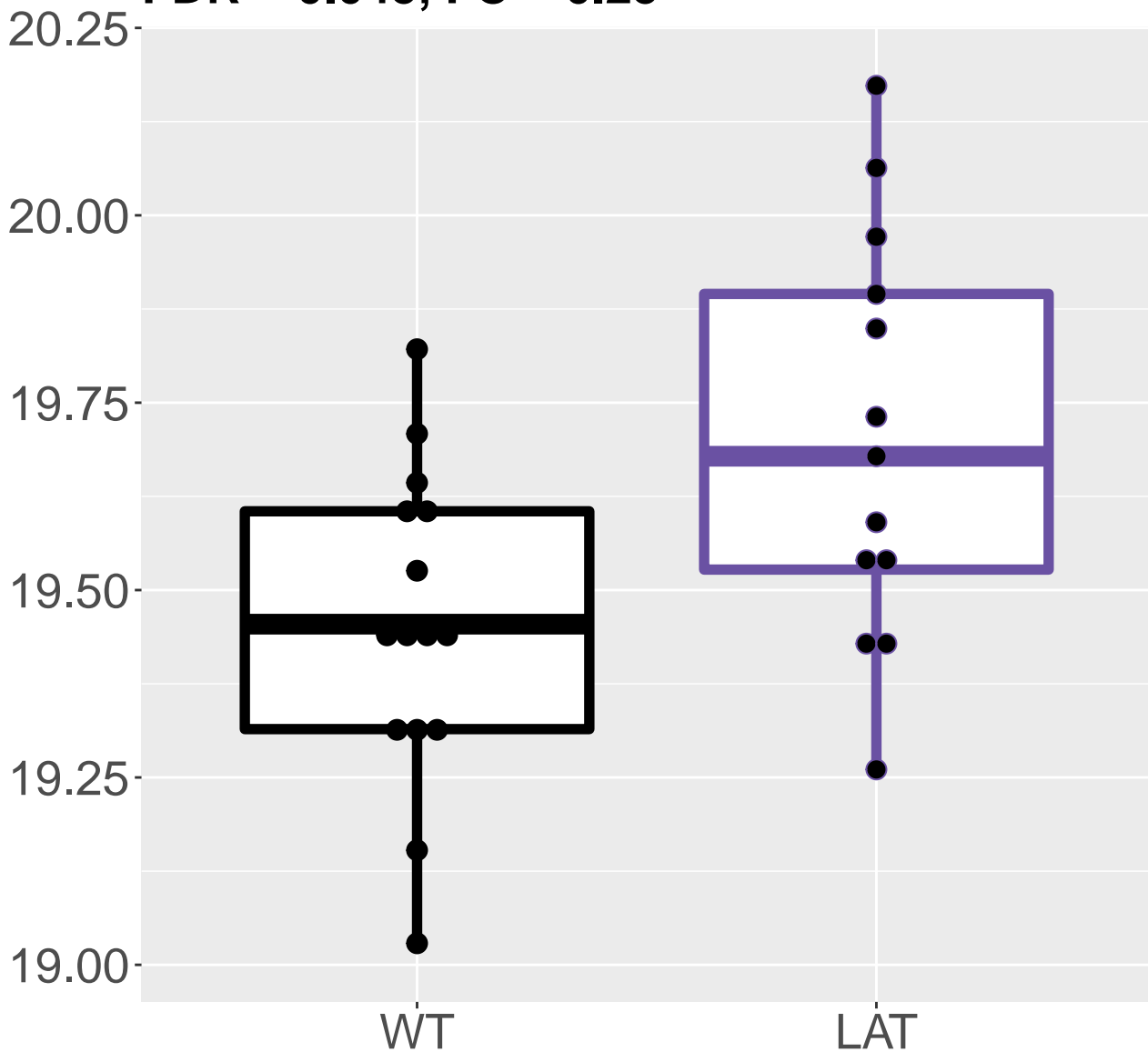
**M260.0238T533.9**

**FDR = 0.045, FC = 0.58**



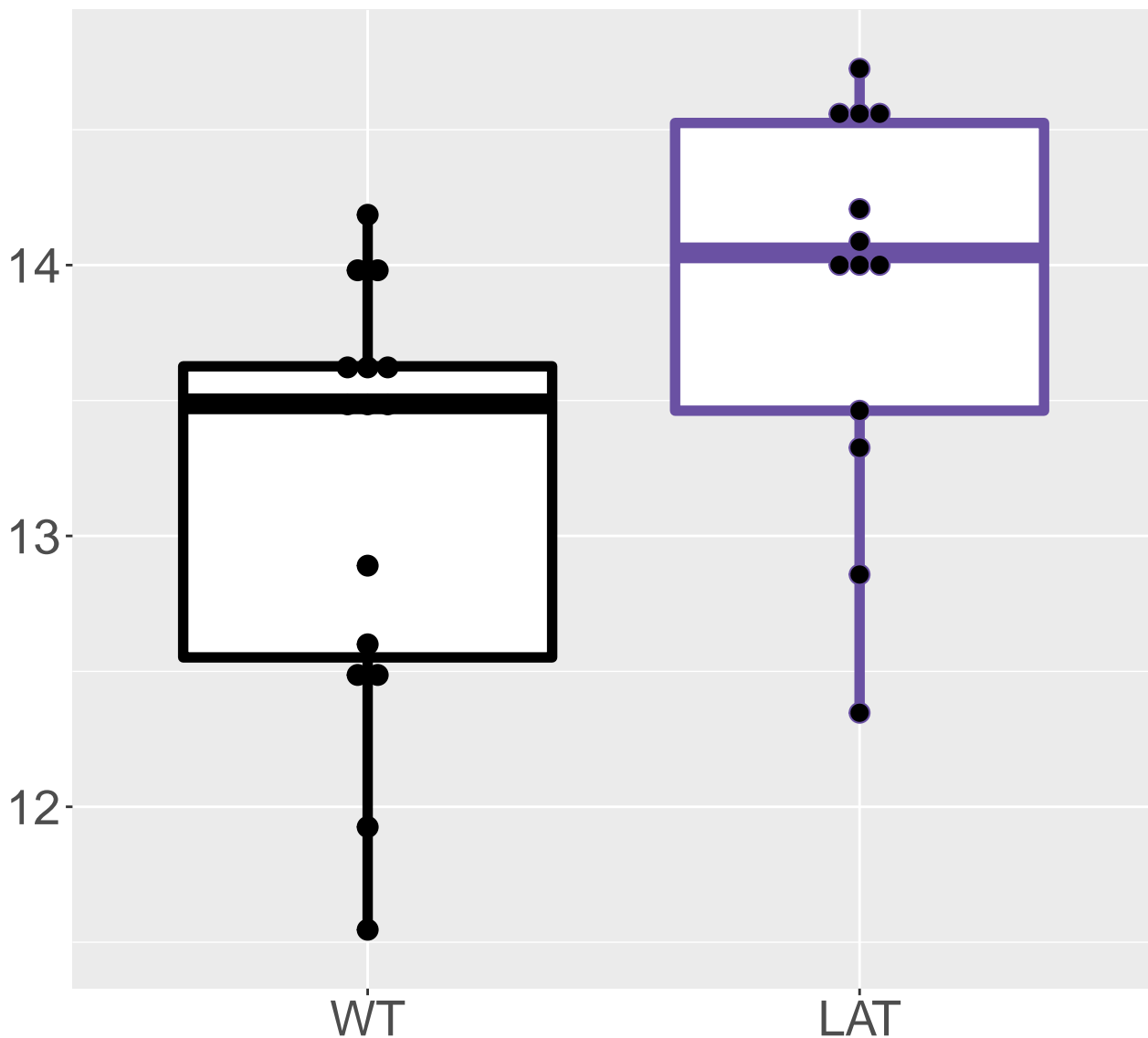


**$\hat{I}^2$ -Pseudouridine**  
**FDR = 0.045, FC = 0.25**



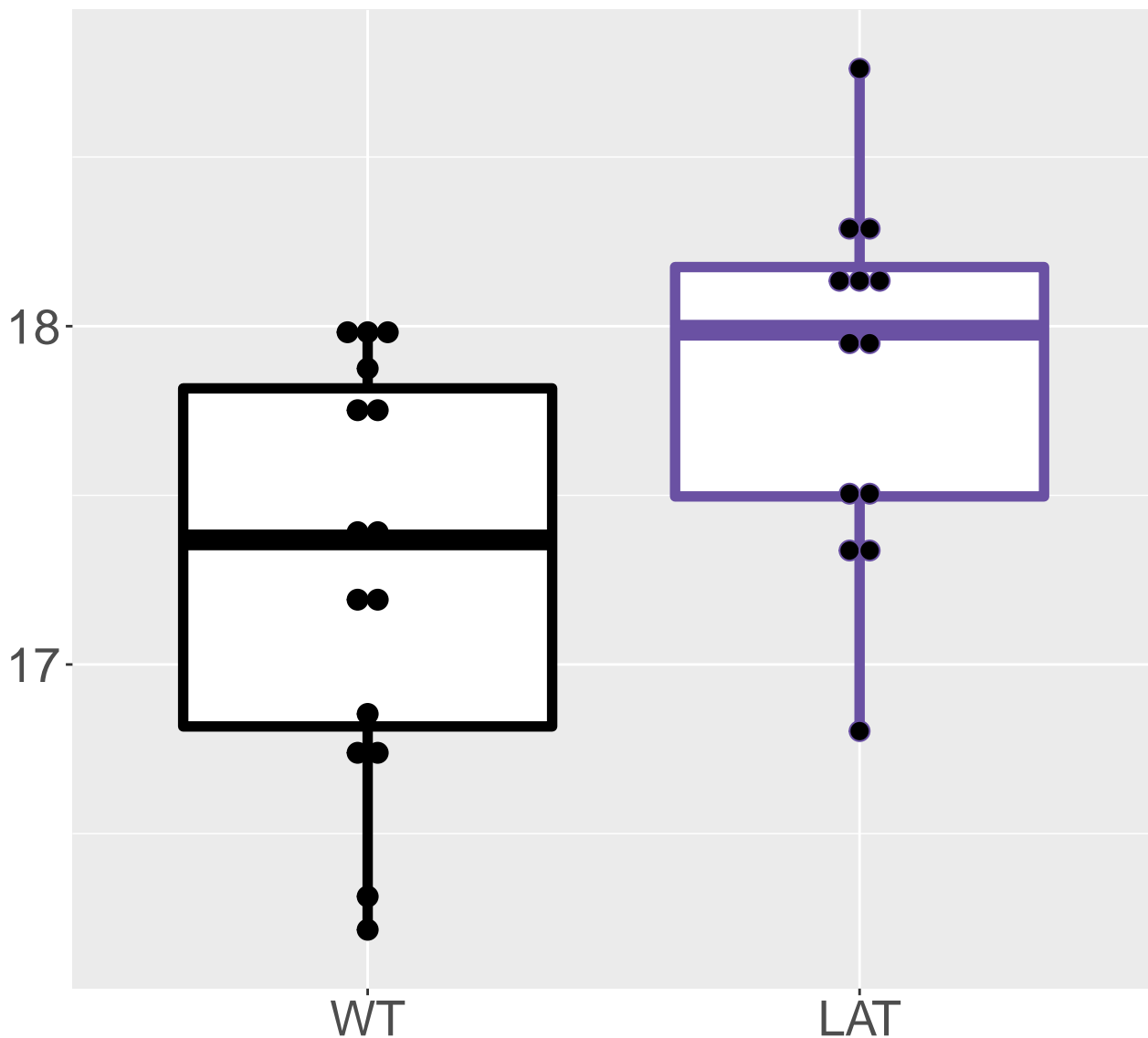
**M128.6032T555.86\_6**

**FDR = 0.045, FC = 0.74**

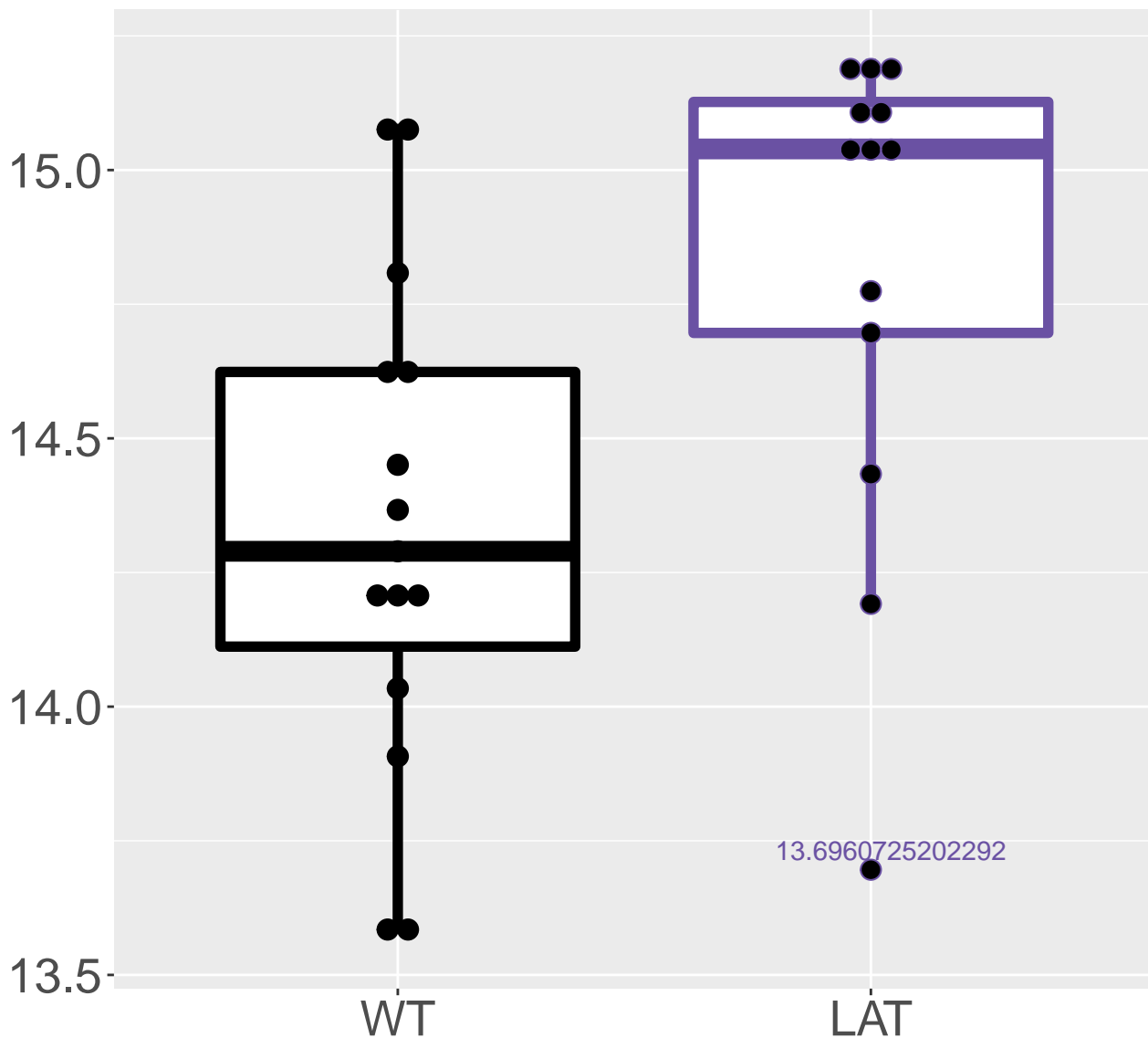


**M206.1036T285.6**

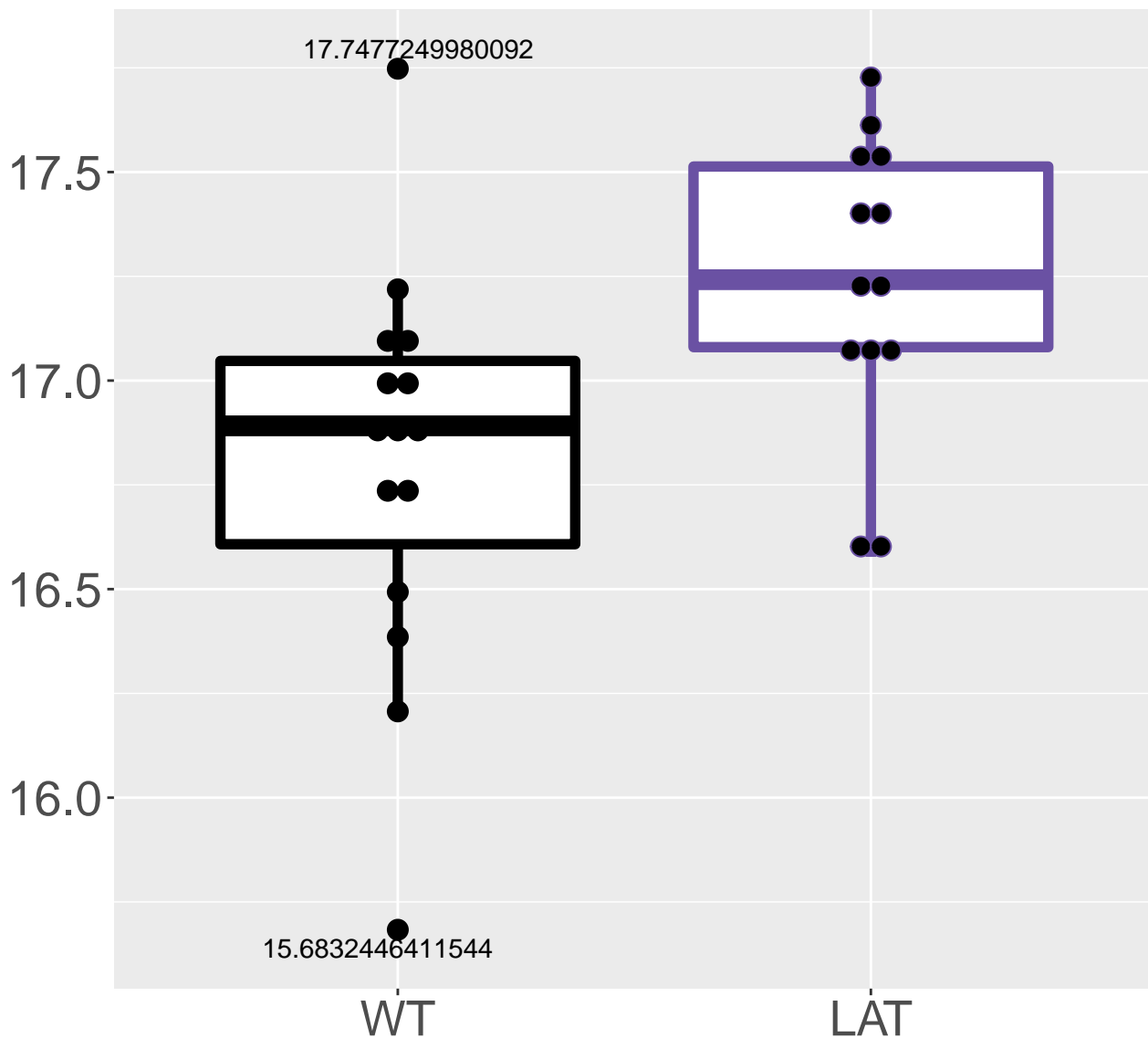
**FDR = 0.045, FC = 0.56**



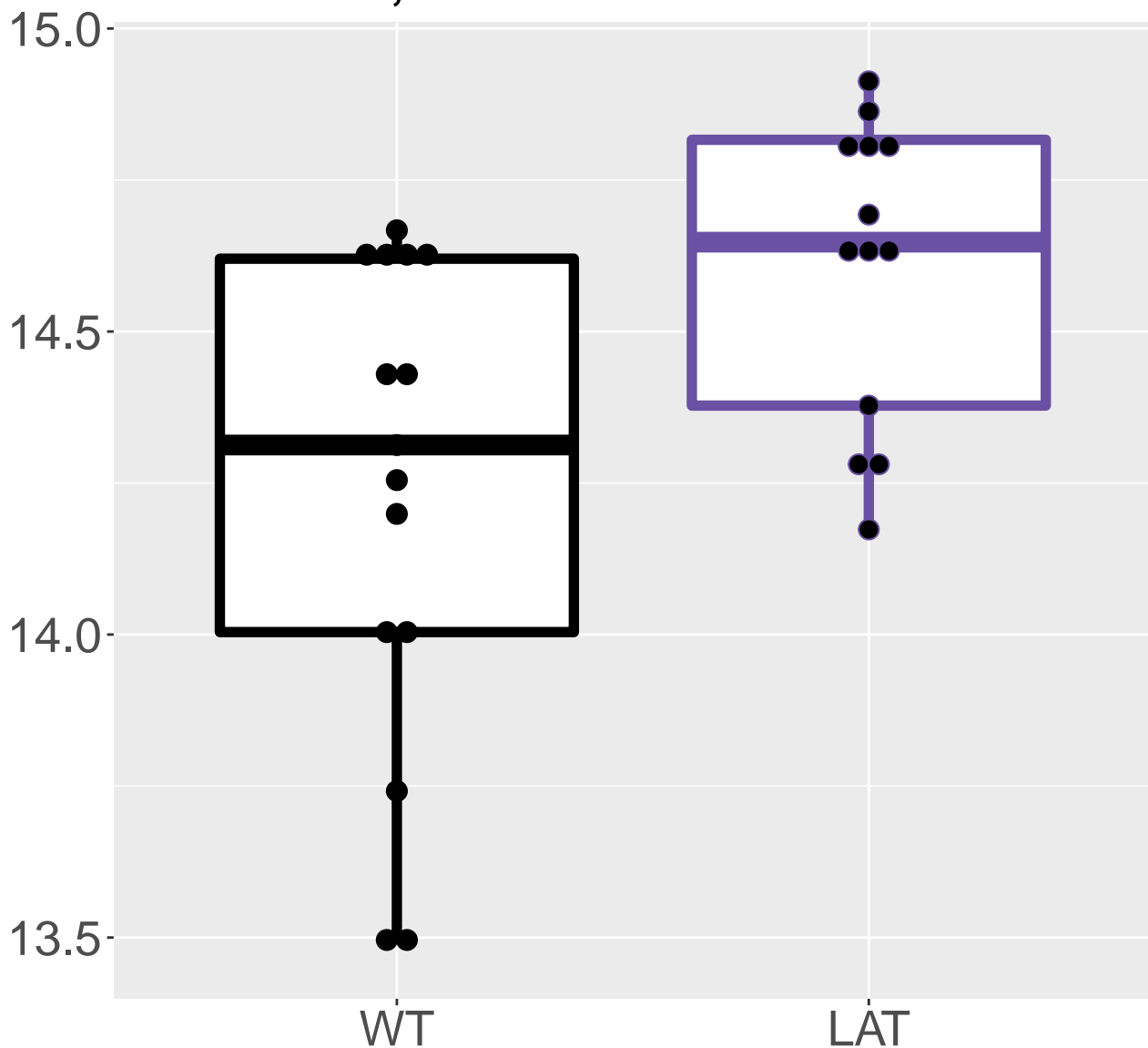
**M358.9806T436.85**  
**FDR = 0.045, FC = 0.49**



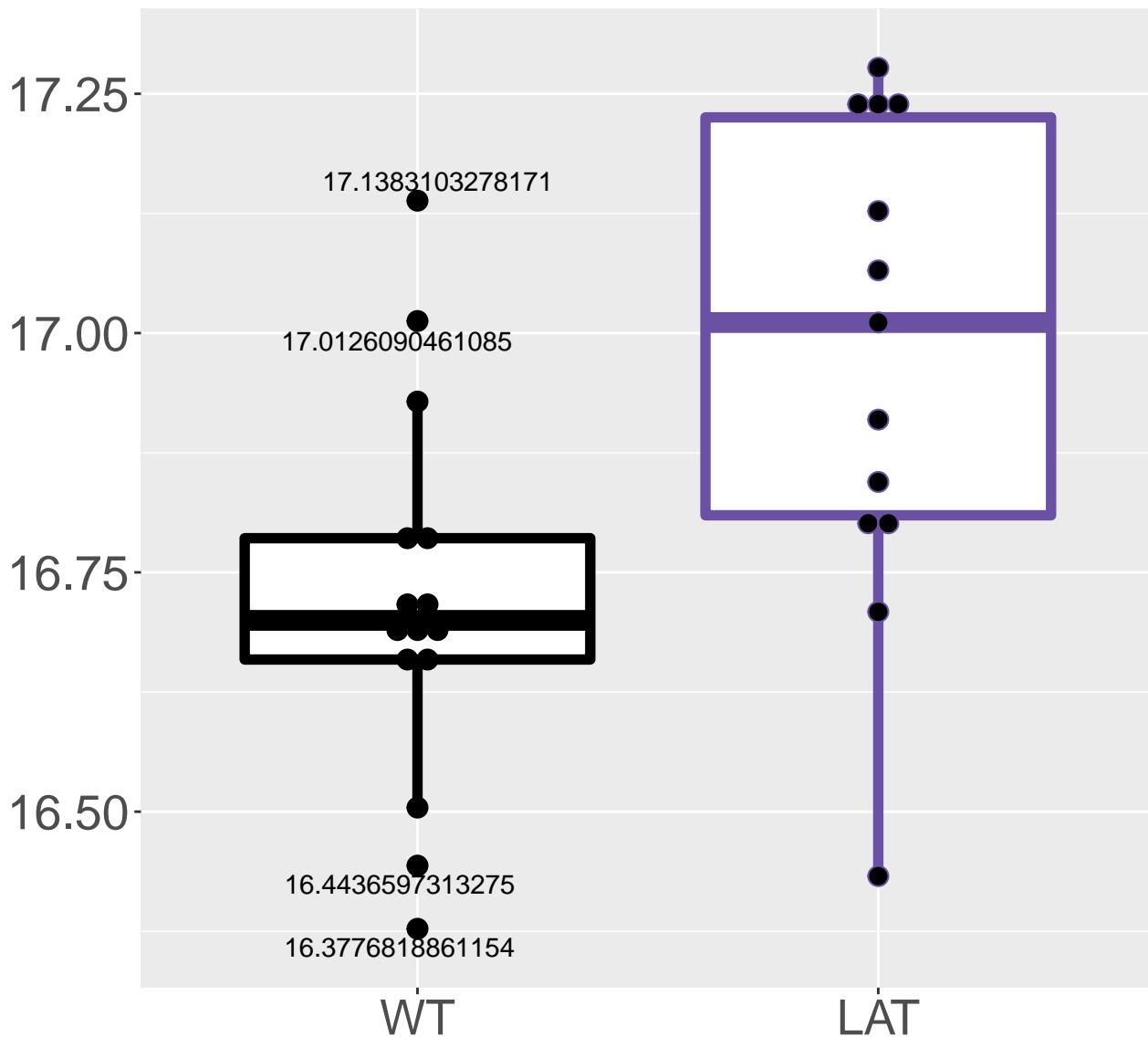
**M193.9825T376.88**  
**FDR = 0.045, FC = 0.44**



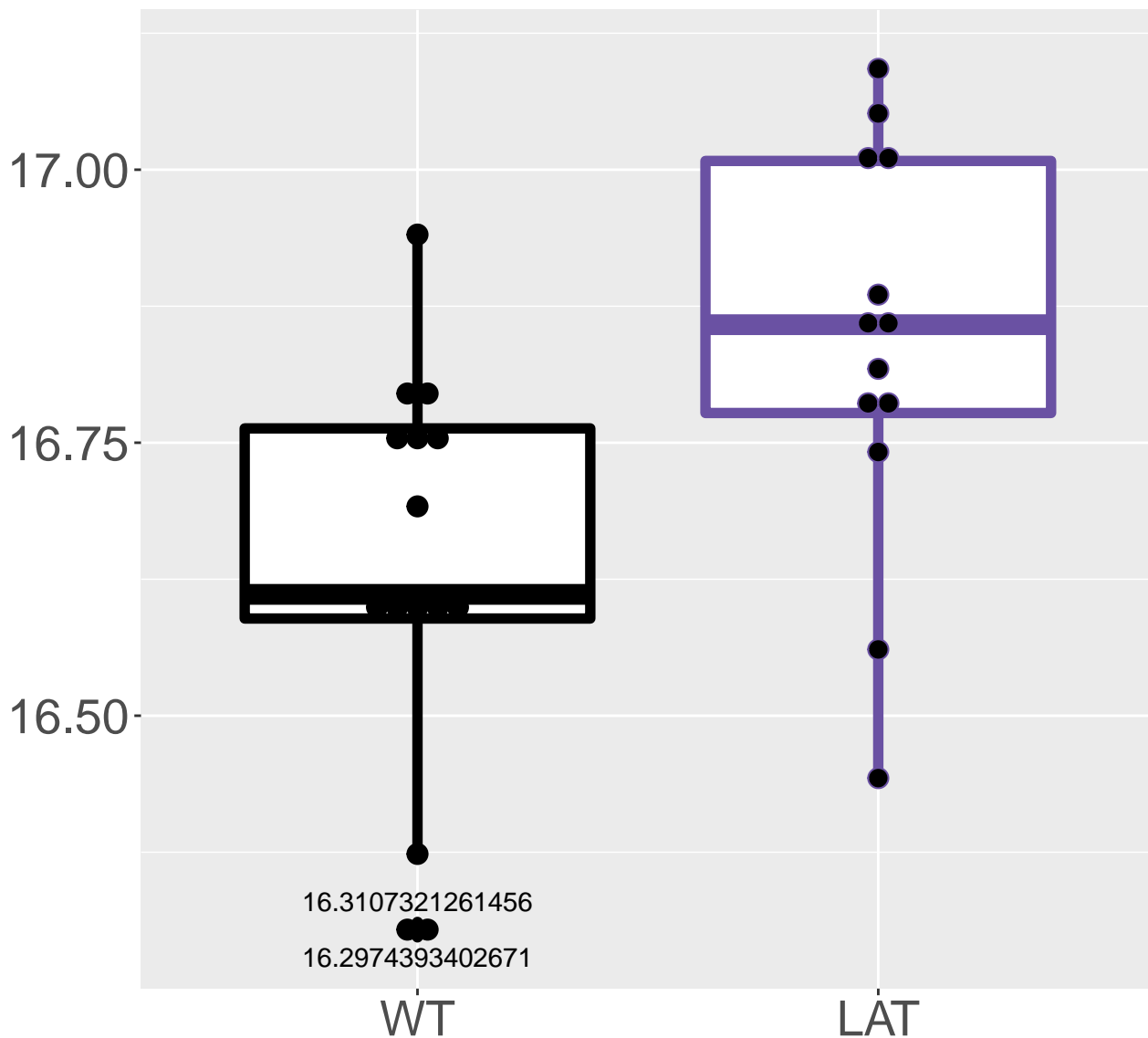
**M250.959T994.34\_1**  
**FDR = 0.045, FC = 0.37**



**M225.9725T351.89**  
**FDR = 0.045, FC = 0.26**

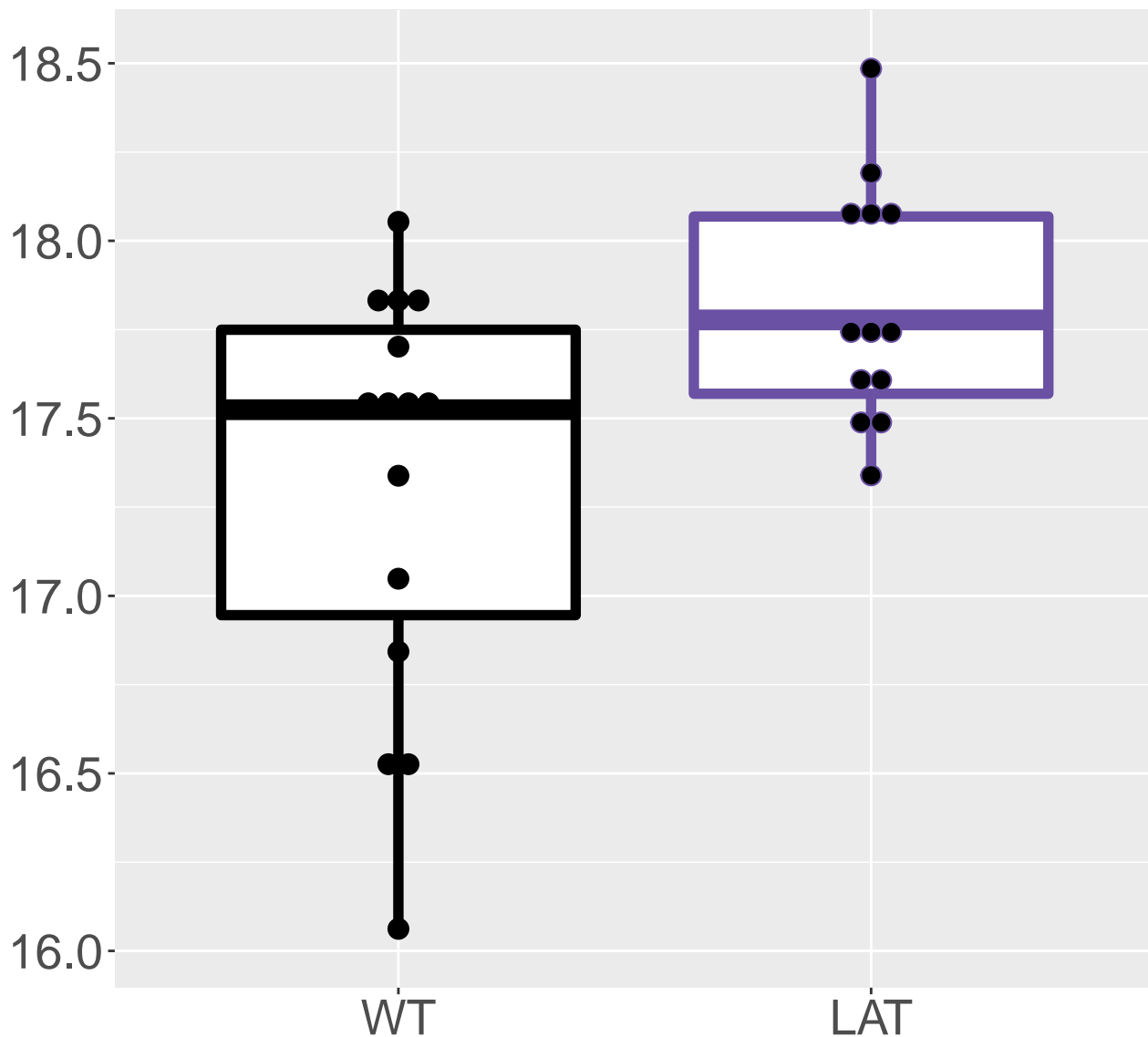


**M300.8603T1030.1**  
**FDR = 0.045, FC = 0.21**

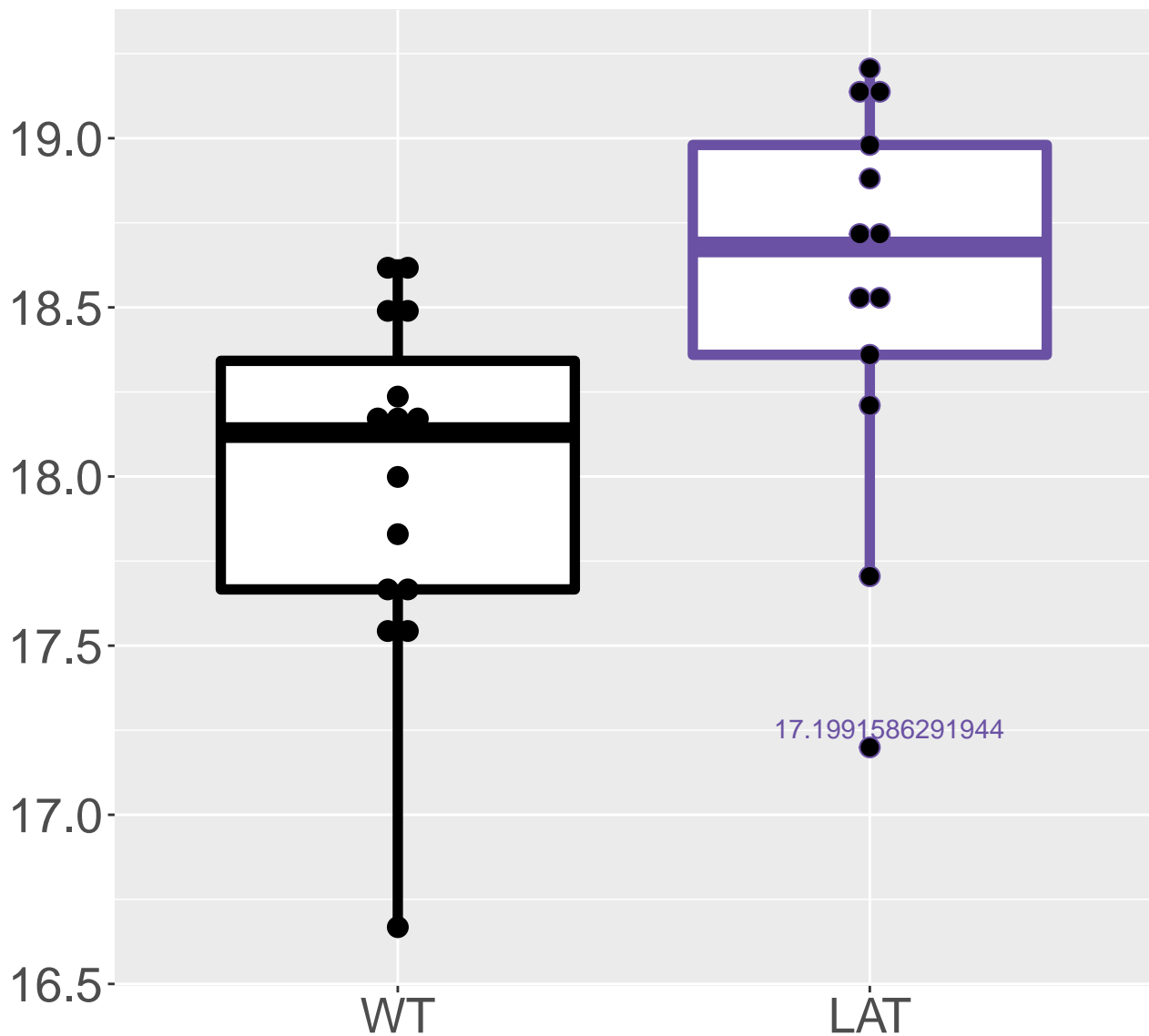




**M86.483T253.59\_18**  
**FDR = 0.045, FC = 0.51**

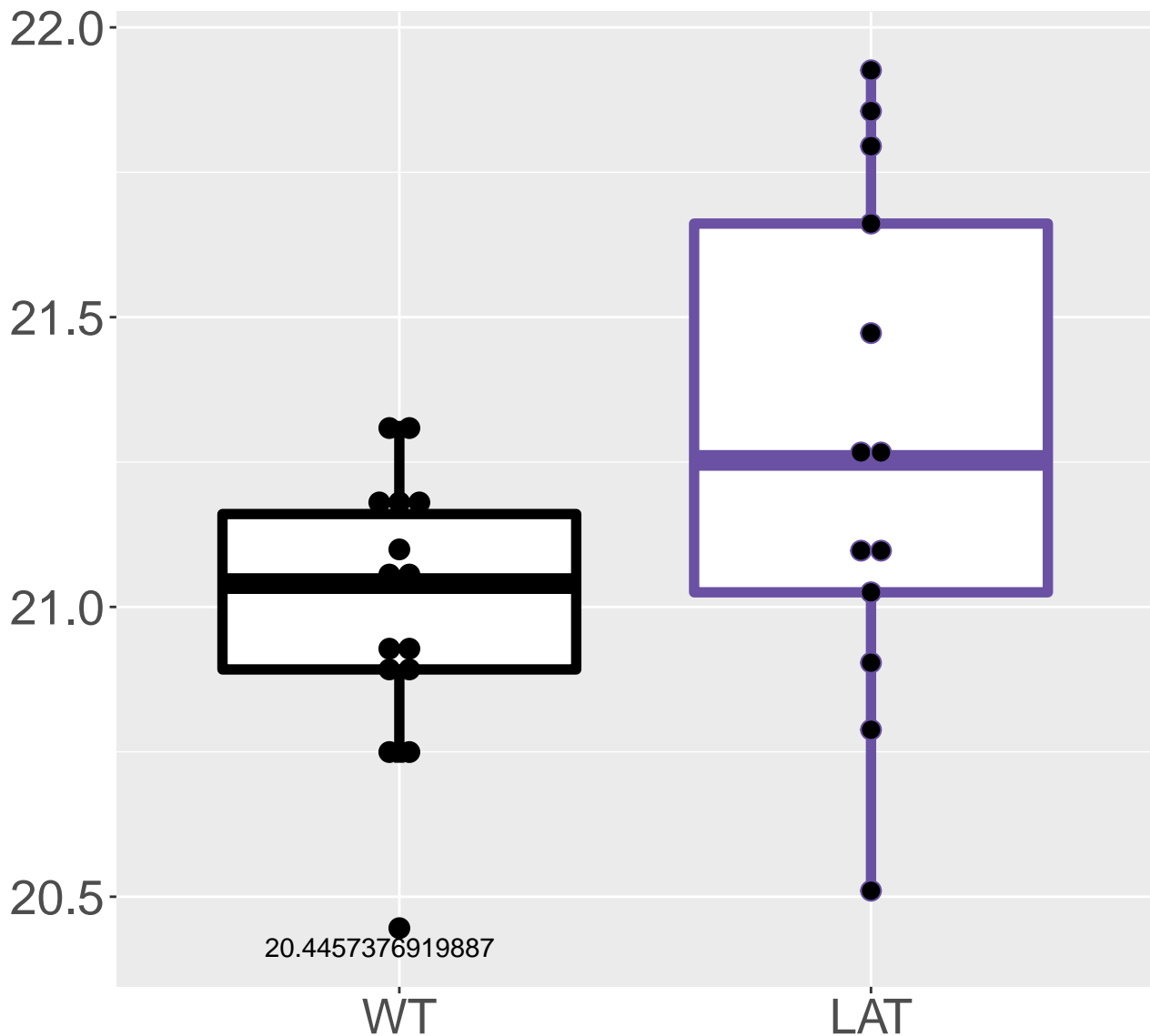


**M88.3673T252.58\_43**  
**FDR = 0.046, FC = 0.57**



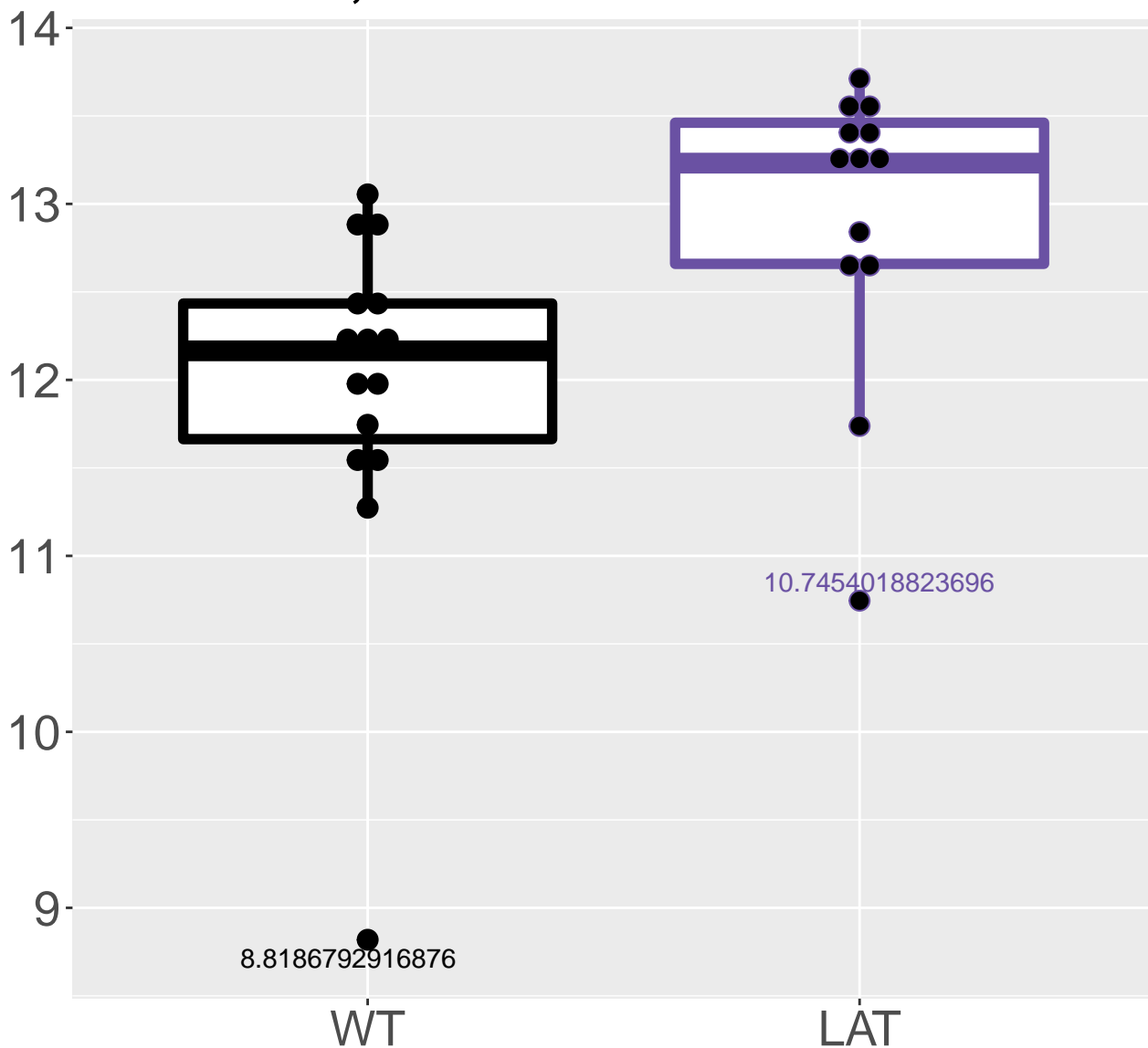
**M166.0182T208.17**

**FDR = 0.046, FC = 0.29, sex\***

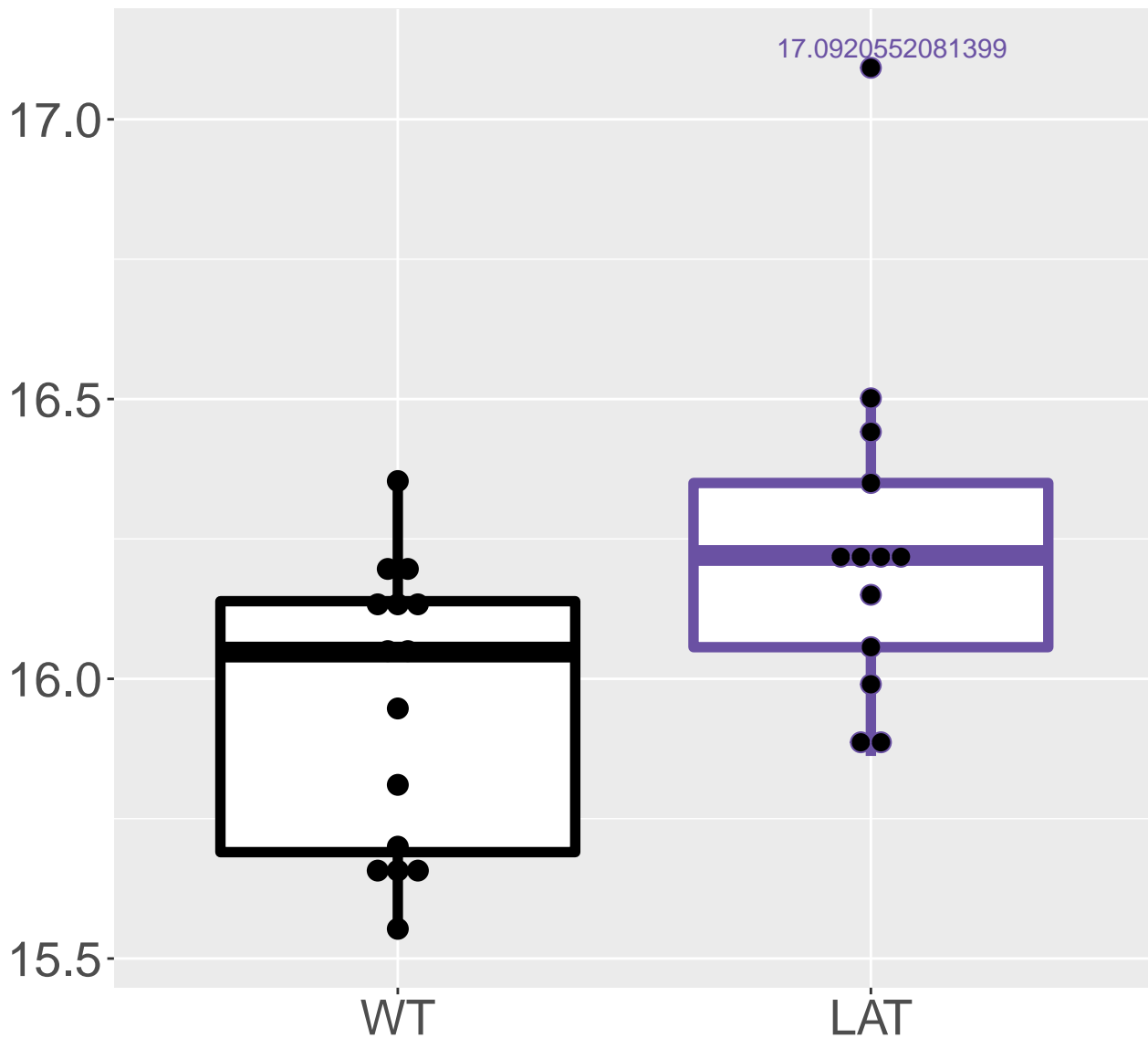


**M309.9652T396.17**

**FDR = 0.046, FC = 0.97**

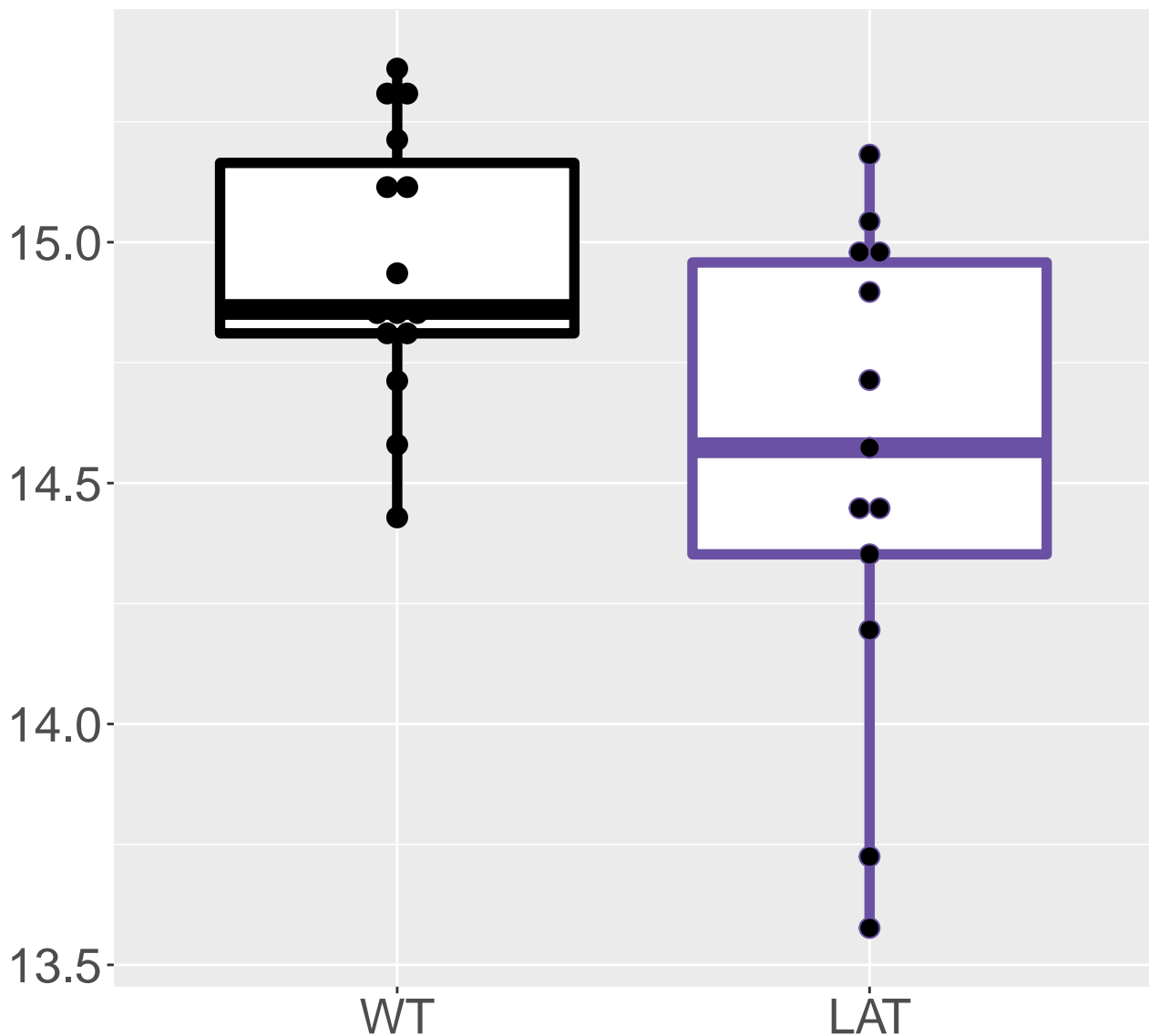


**M355.8737T1220.8**  
**FDR = 0.046, FC = 0.3**

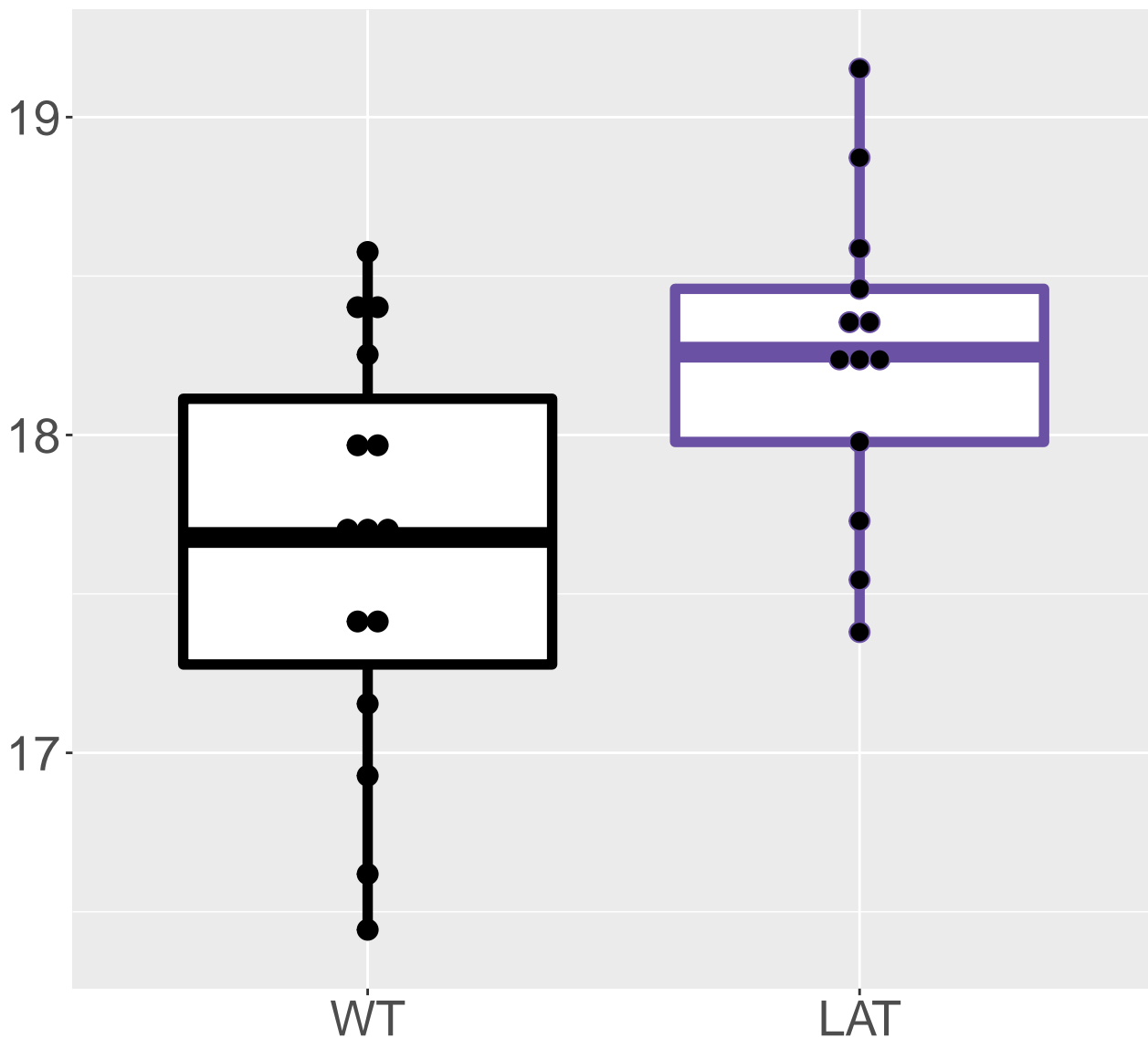


# 5-Hydroxylysine

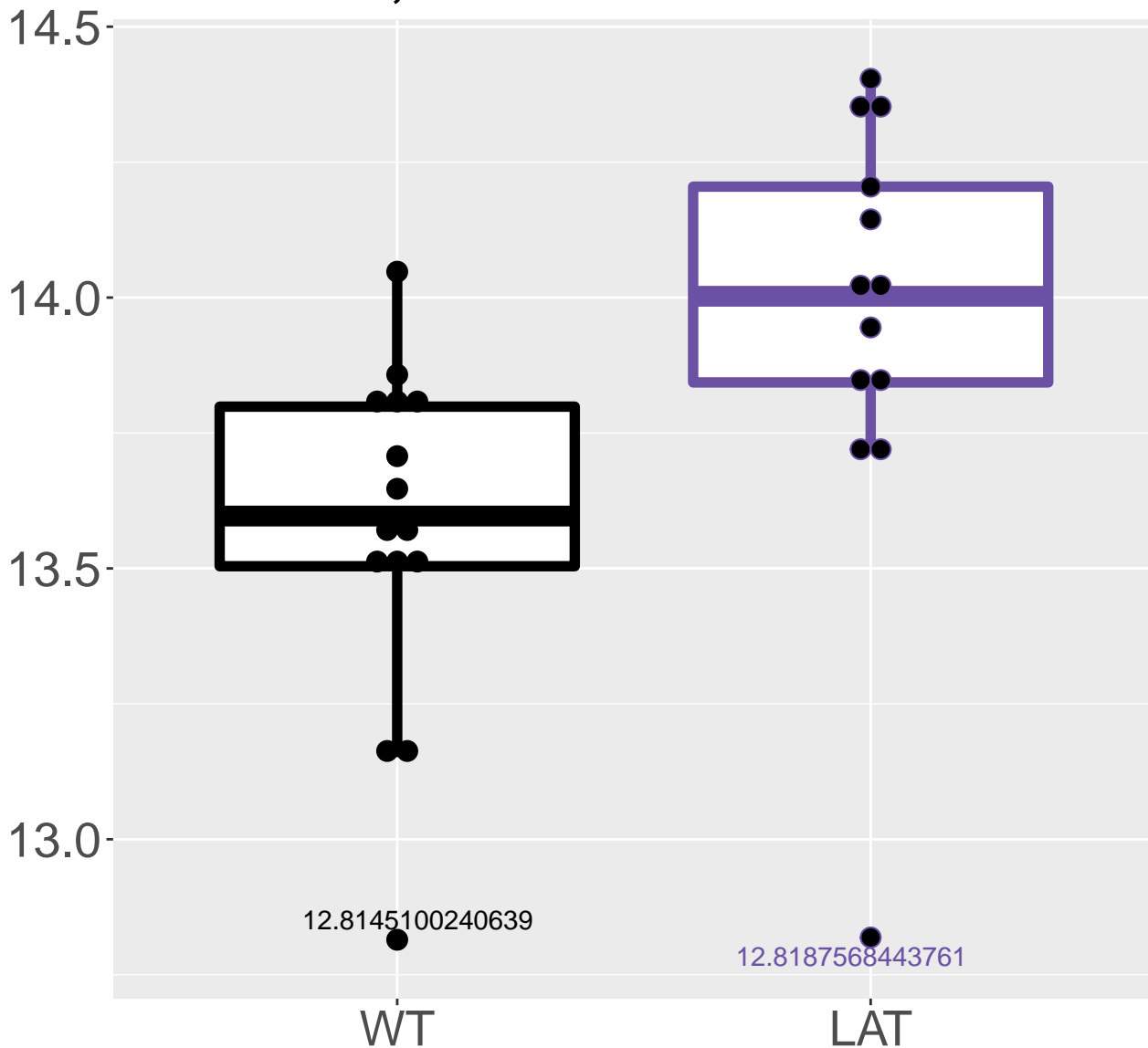
FDR = 0.046, FC = -0.4



**M87.8788T253.19\_20**  
**FDR = 0.046, FC = 0.6**

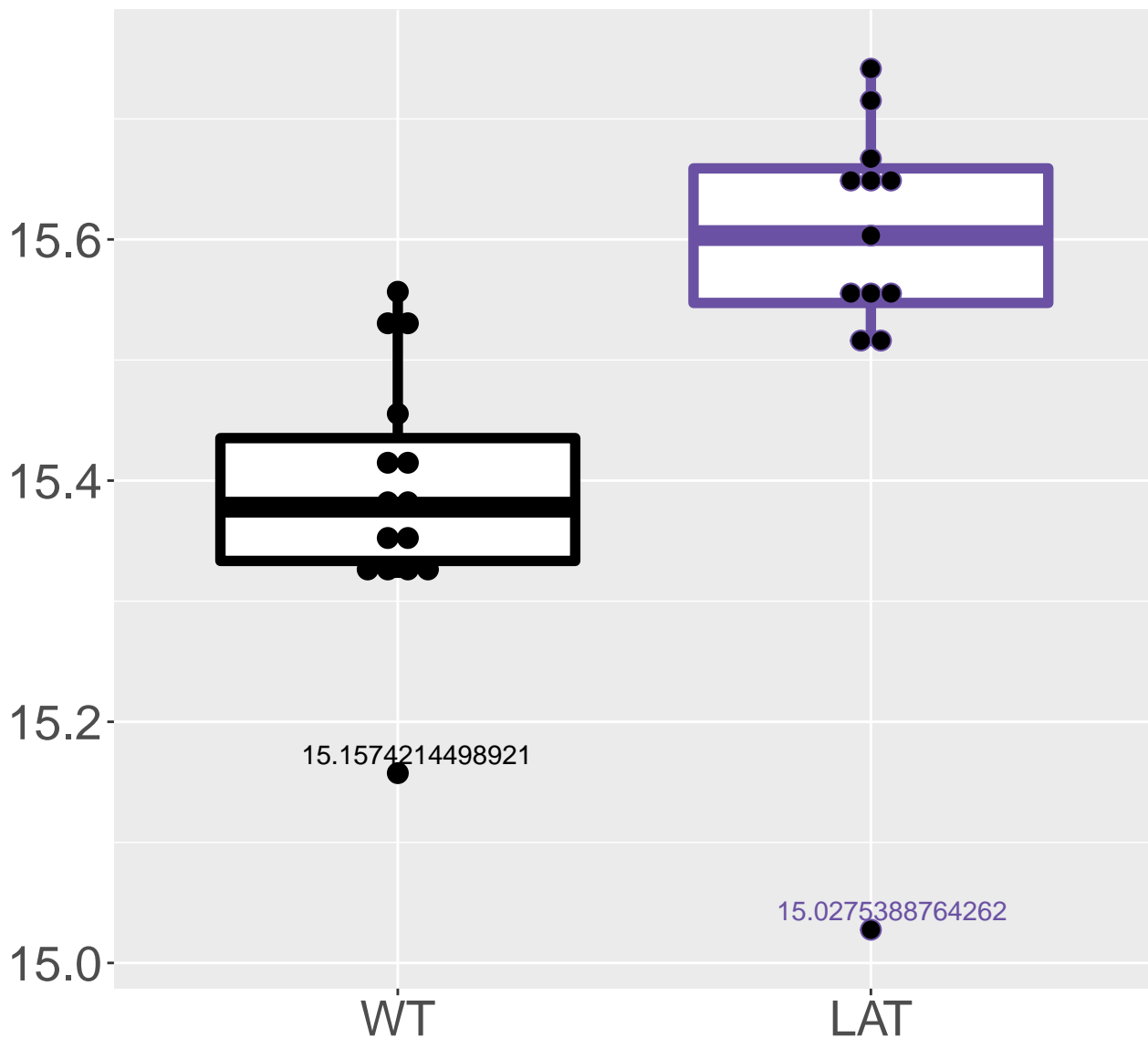


**M357.9252T993.91**  
**FDR = 0.048, FC = 0.39**

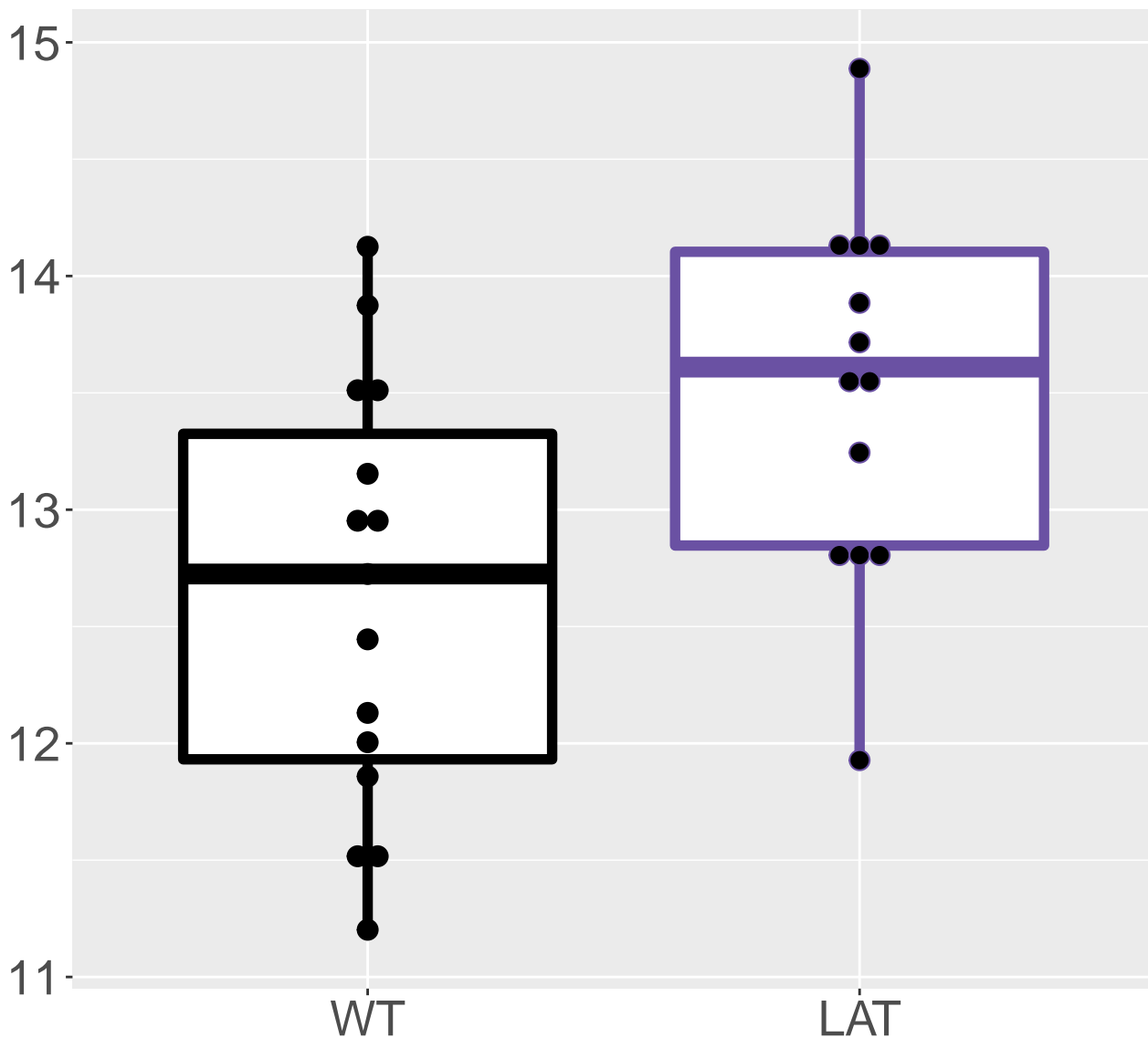




**M156.9523T1024.15**  
**FDR = 0.048, FC = 0.18**

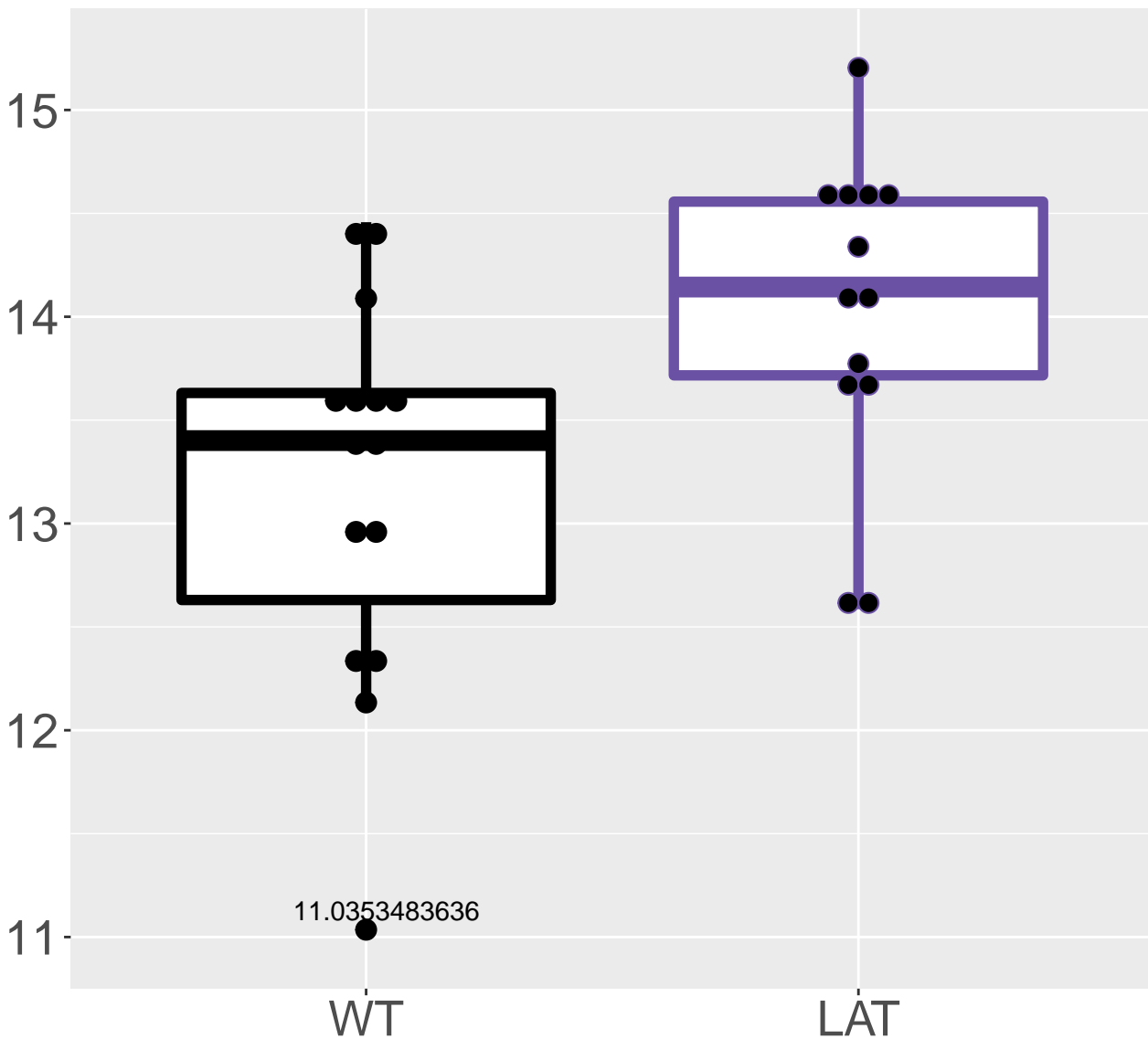


**M127.5633T555.67\_1**  
**FDR = 0.048, FC = 0.87**



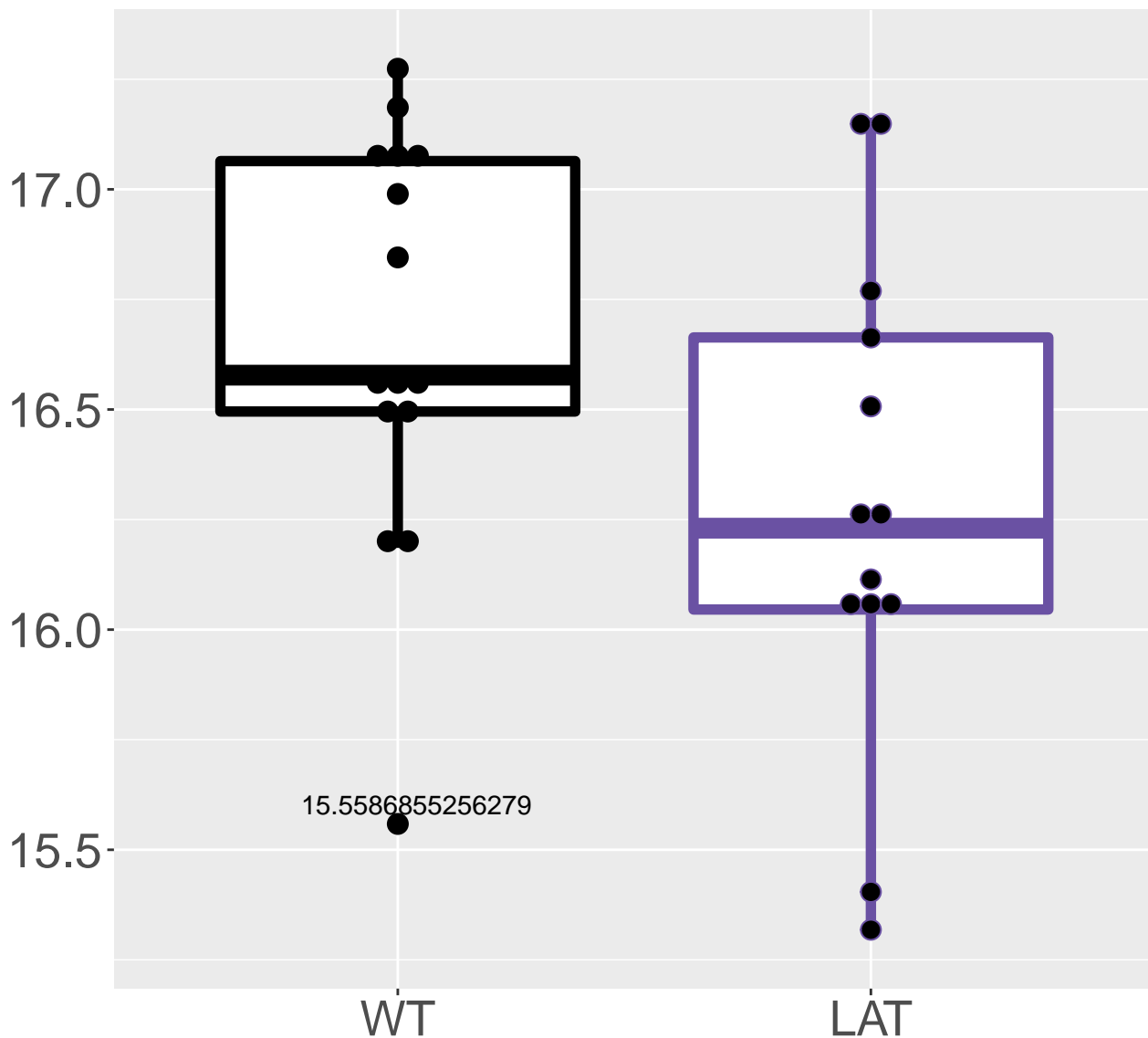
**M135.1795T555.91\_19**

**FDR = 0.048, FC = 0.84**



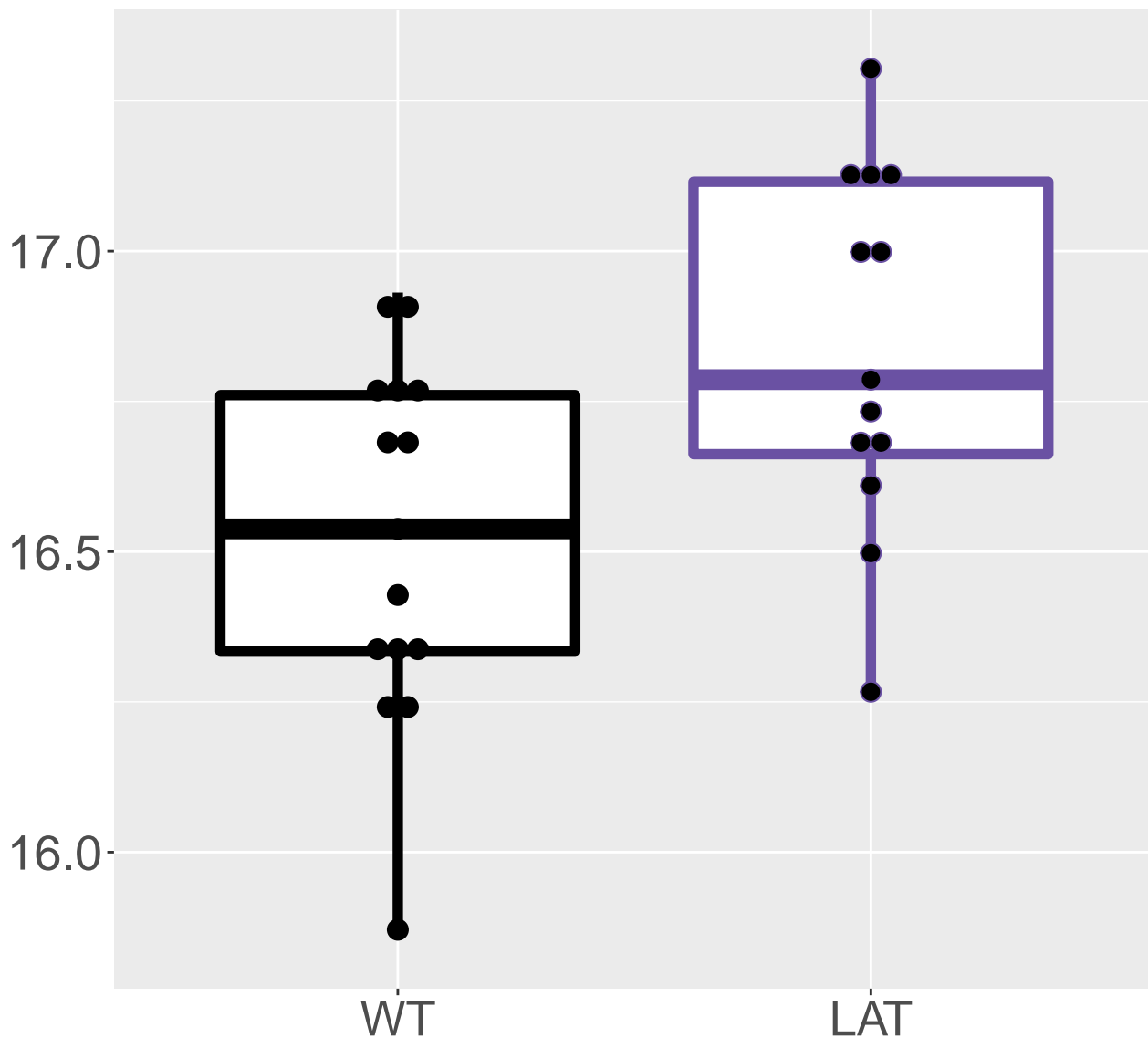
**M857.5195T74.31**

**FDR = 0.048, FC = -0.39, sex\*\***



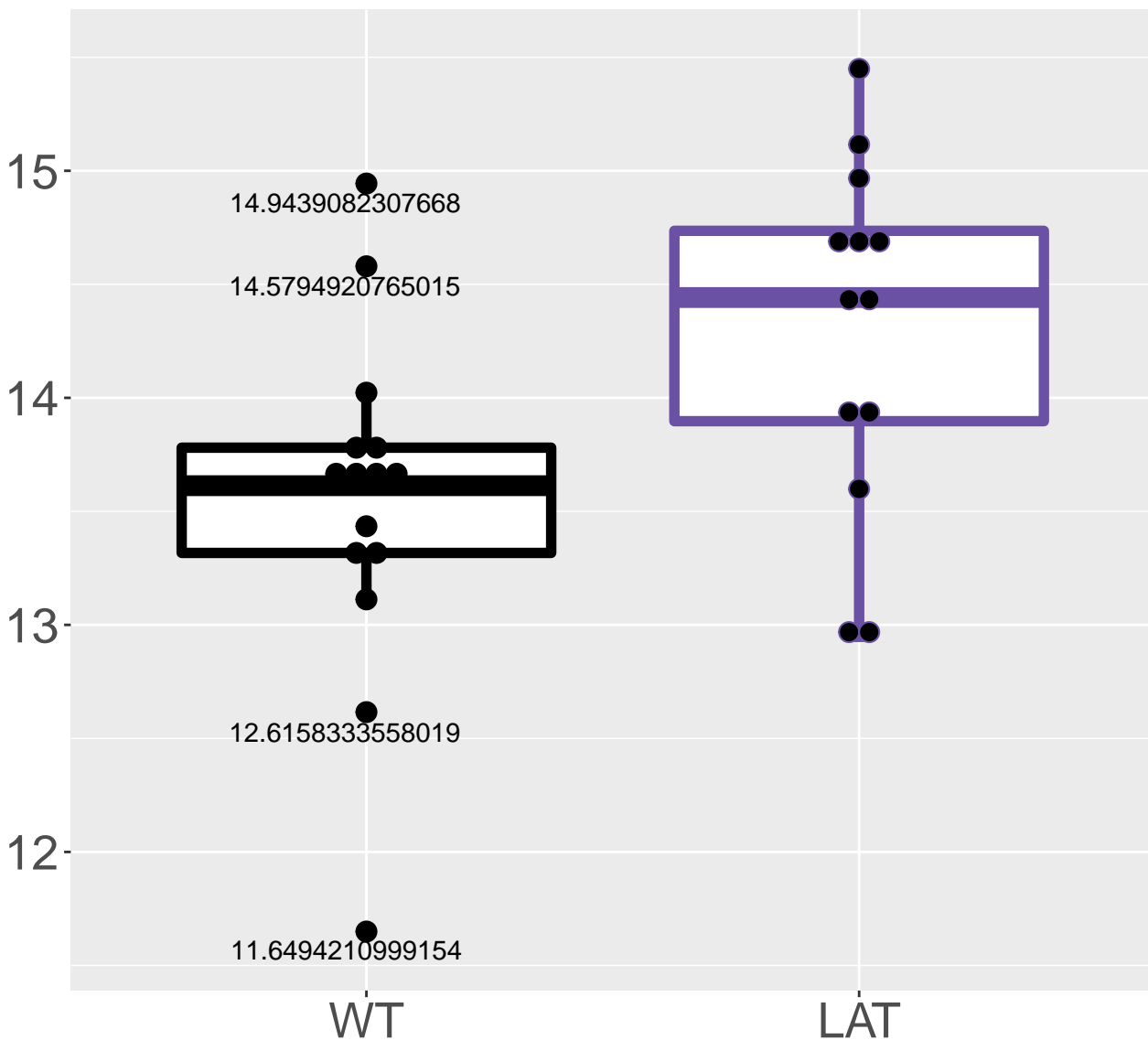
**M95.002T438.38**

**FDR = 0.048, FC = 0.32**

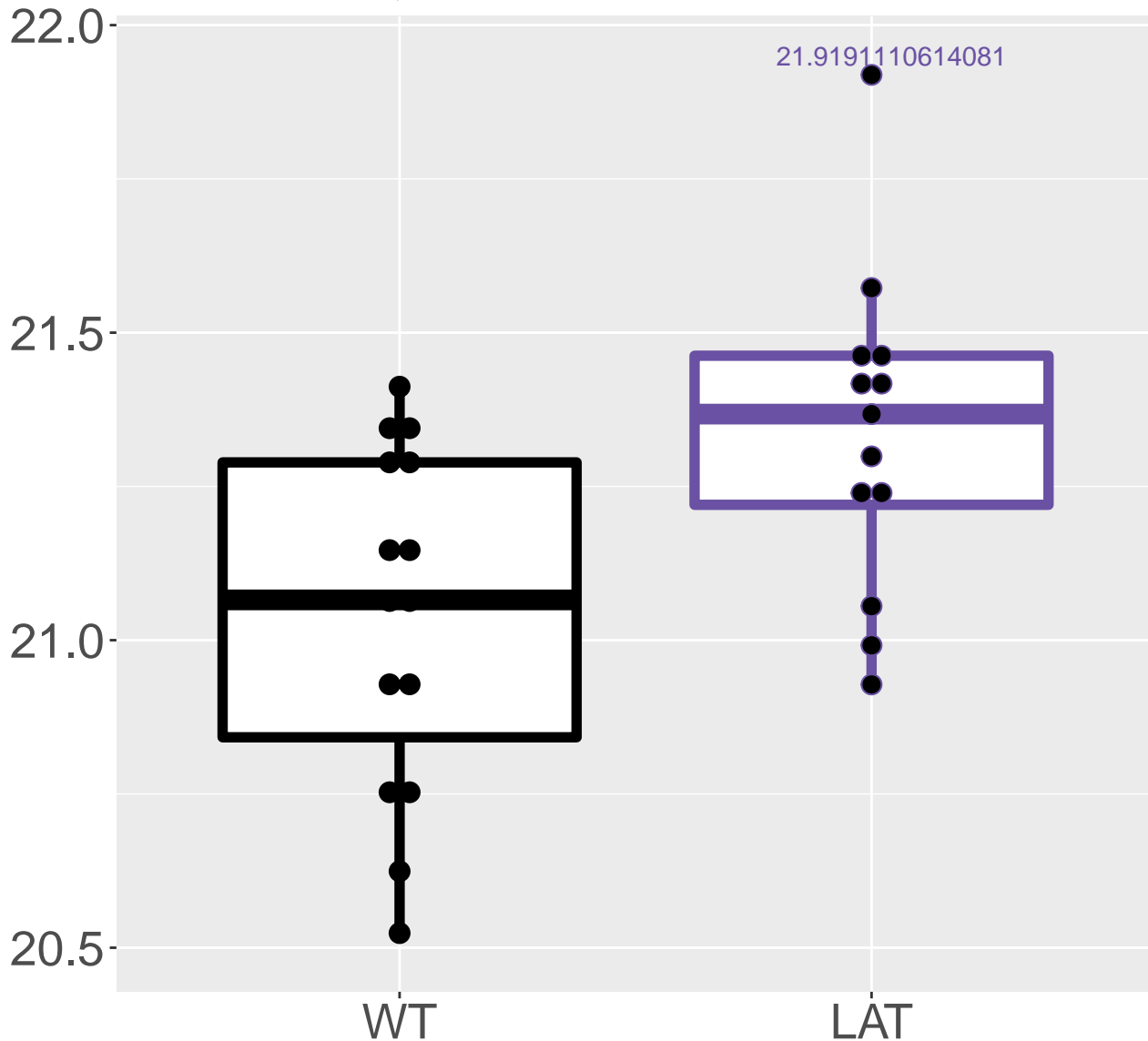


**M131.9091T555.78\_18**

**FDR = 0.049, FC = 0.75**

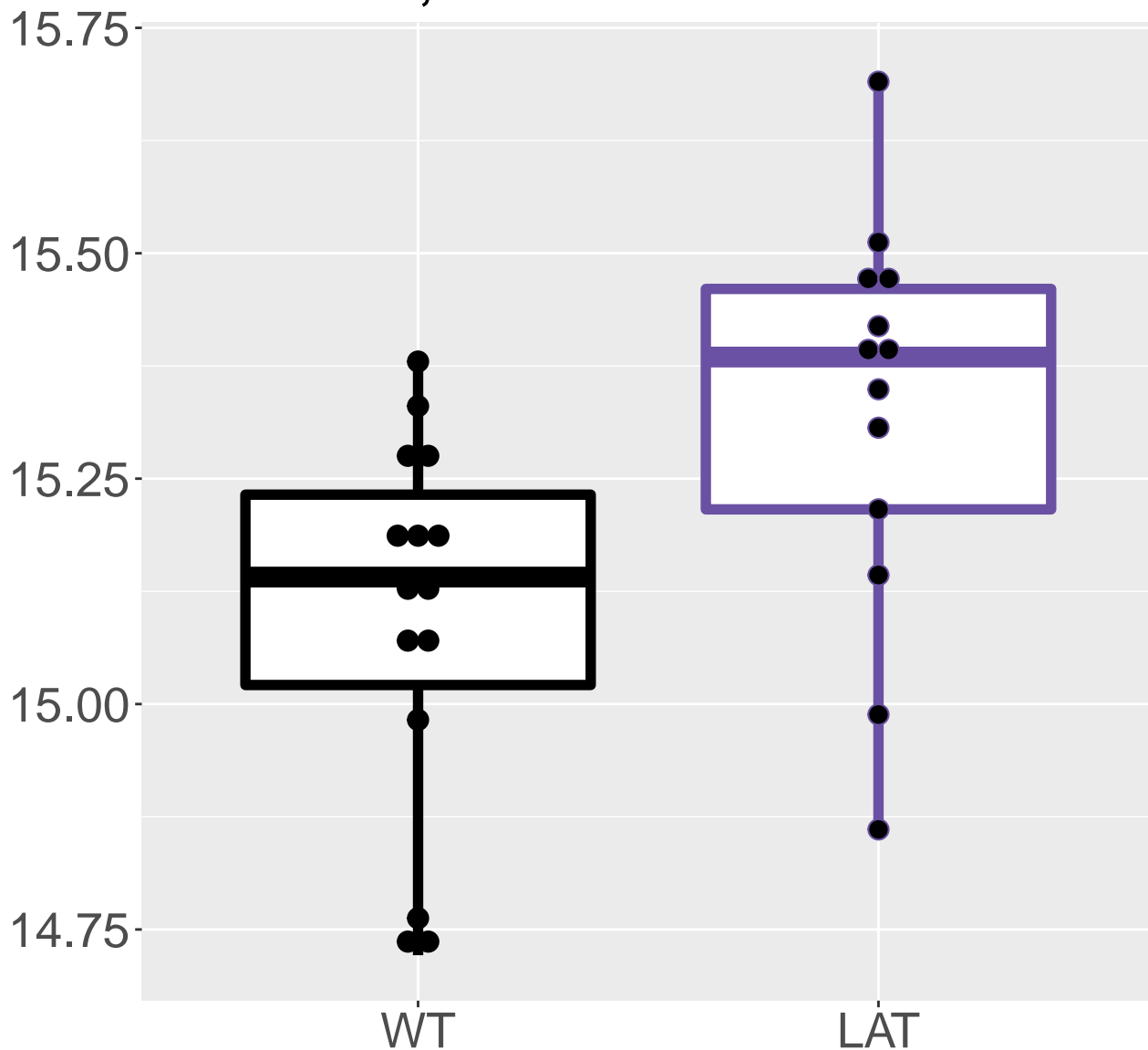


**M167.9974T463.59**  
**FDR = 0.049, FC = 0.3**



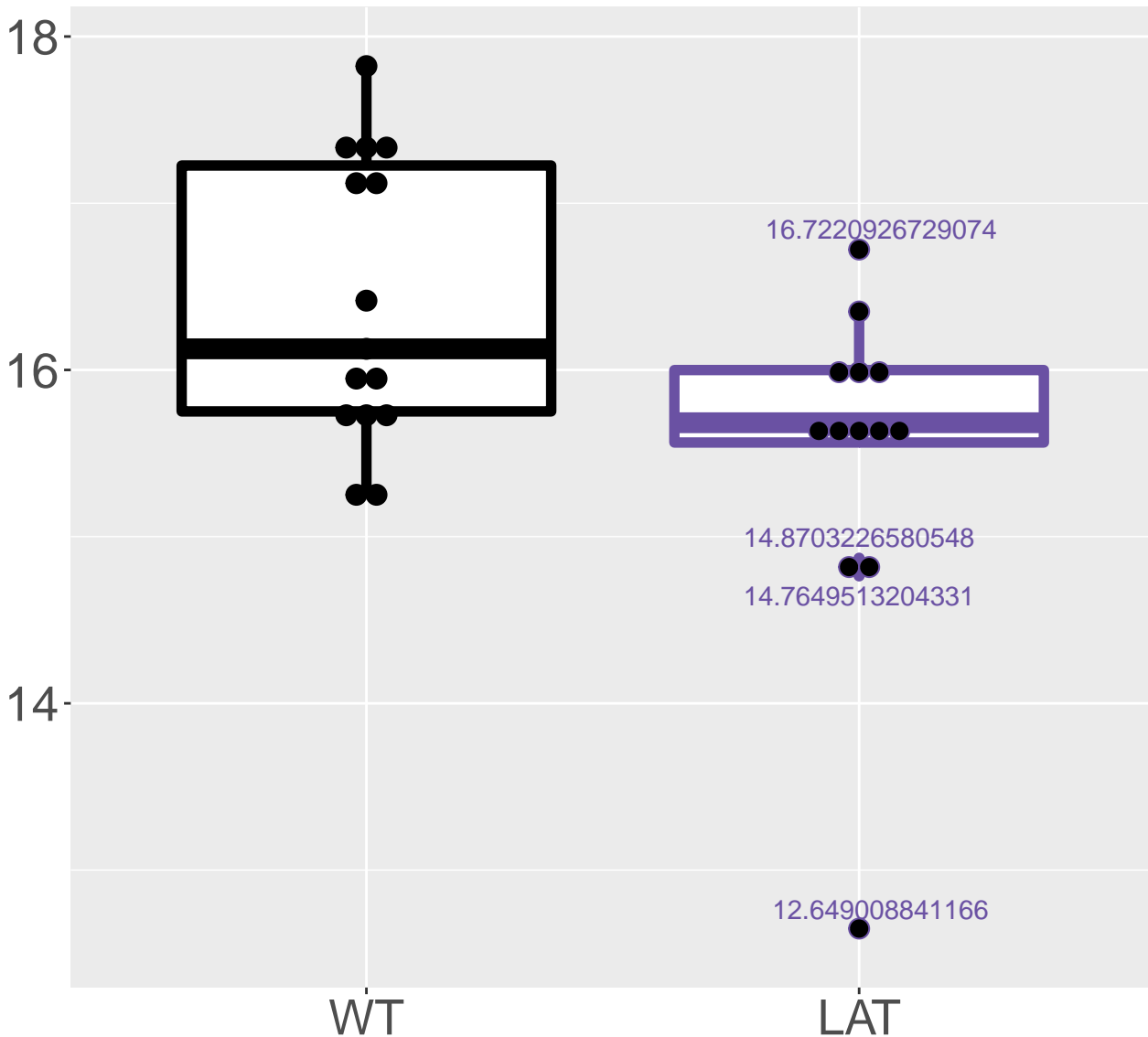
**M199.909T1029.67**

**FDR = 0.049, FC = 0.23**



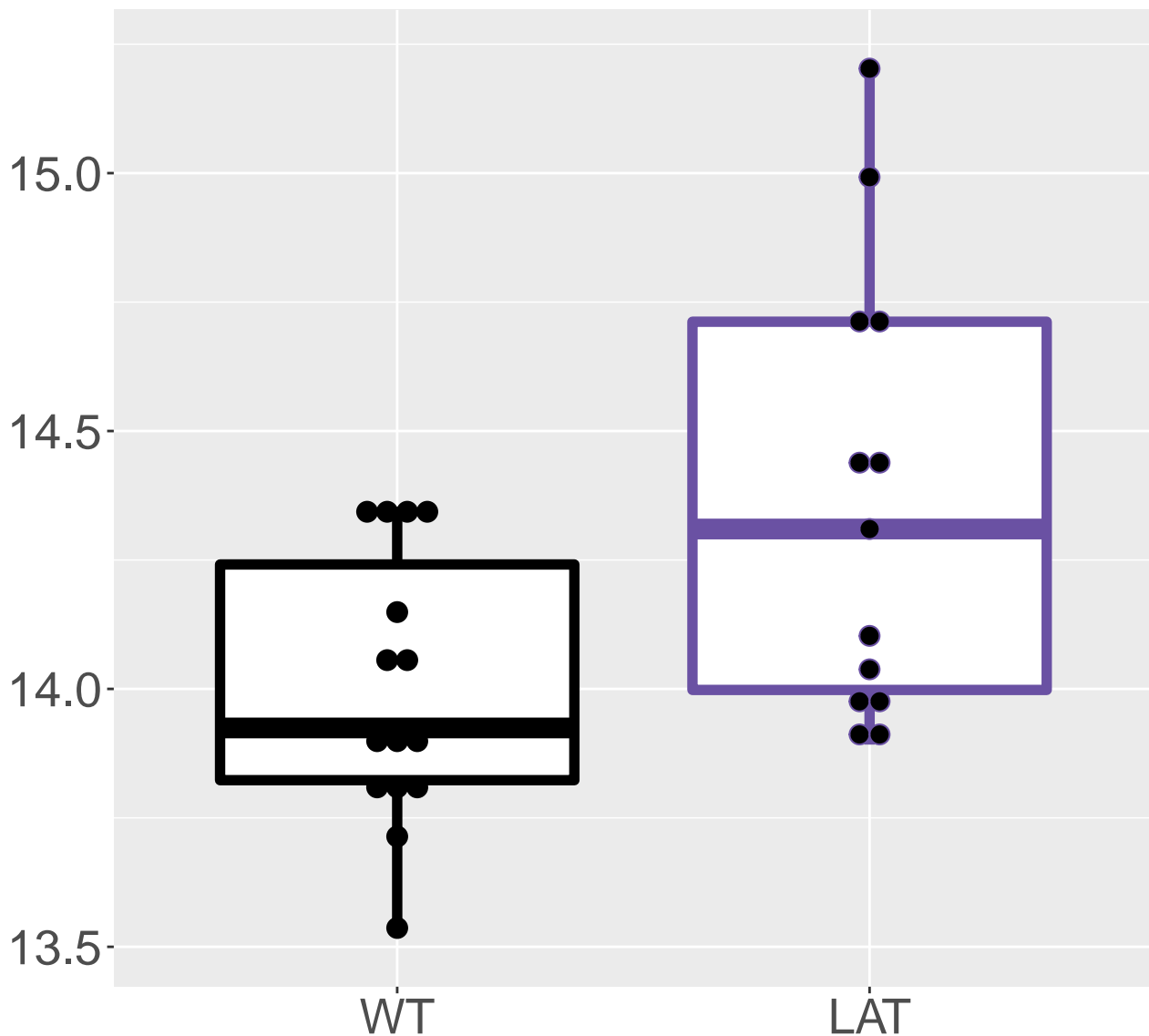


**M518.2123T247.11**  
**FDR = 0.049, FC = -0.91**

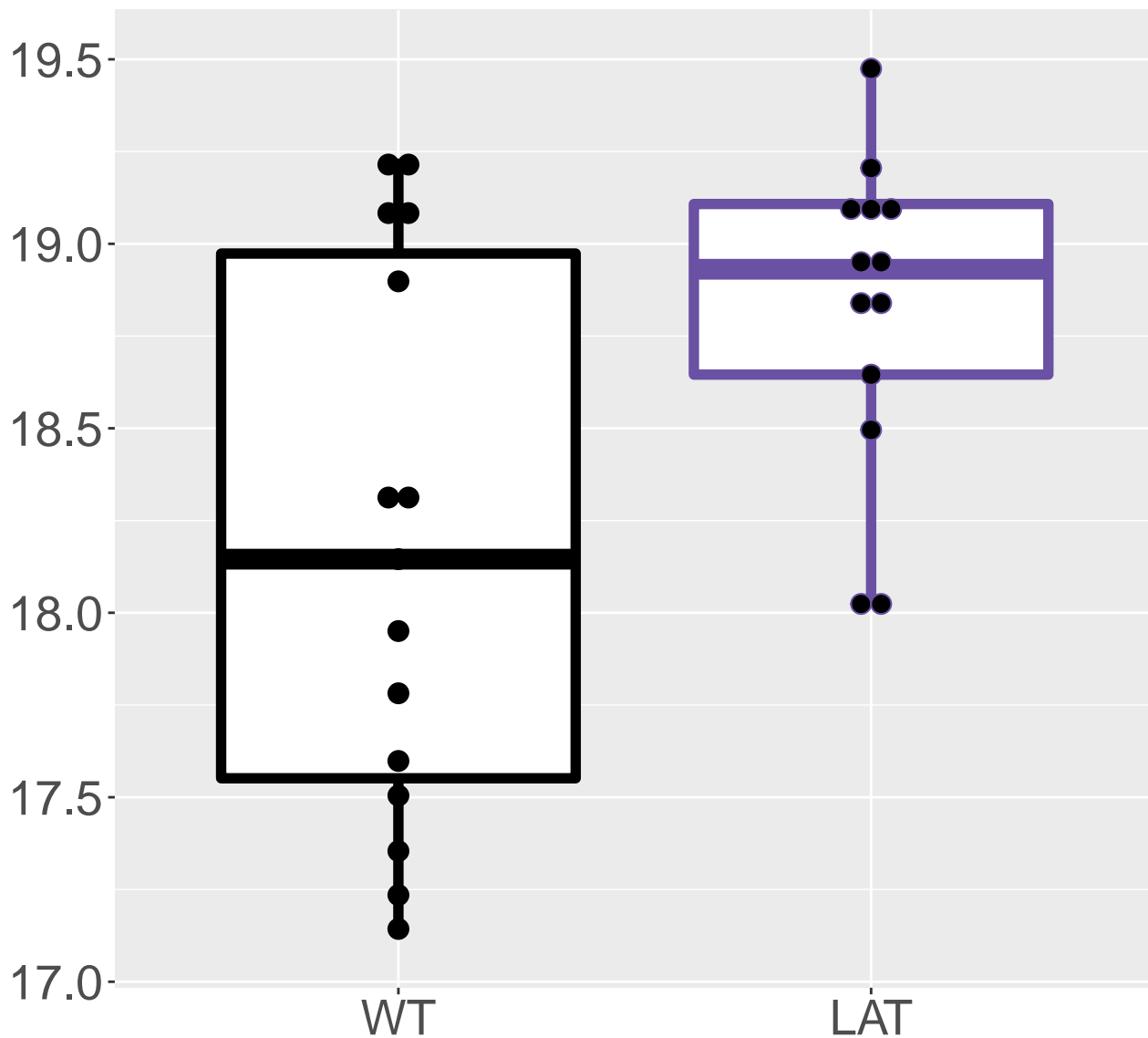


**M538.9635T602.99**

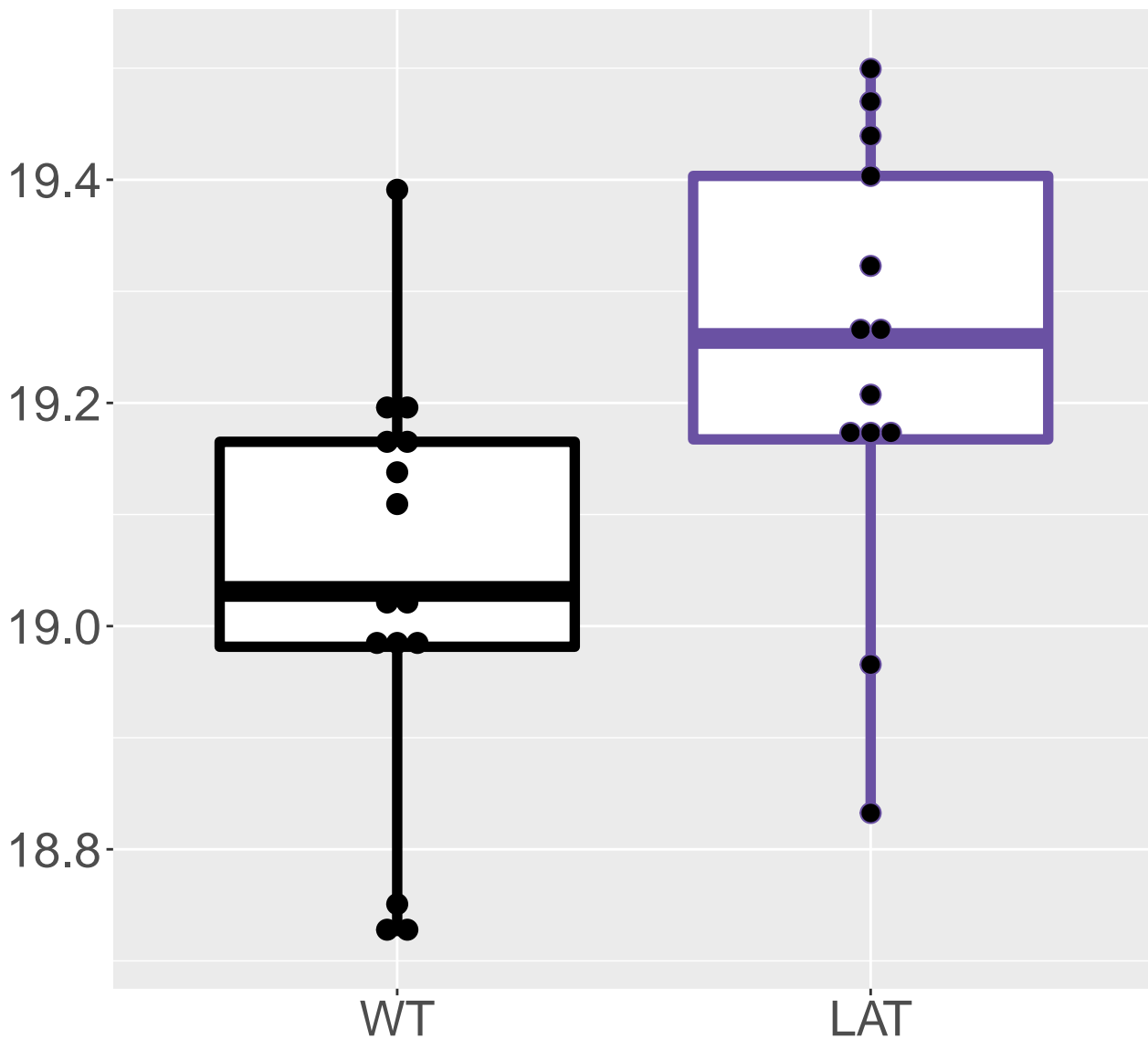
**FDR = 0.049, FC = 0.36**



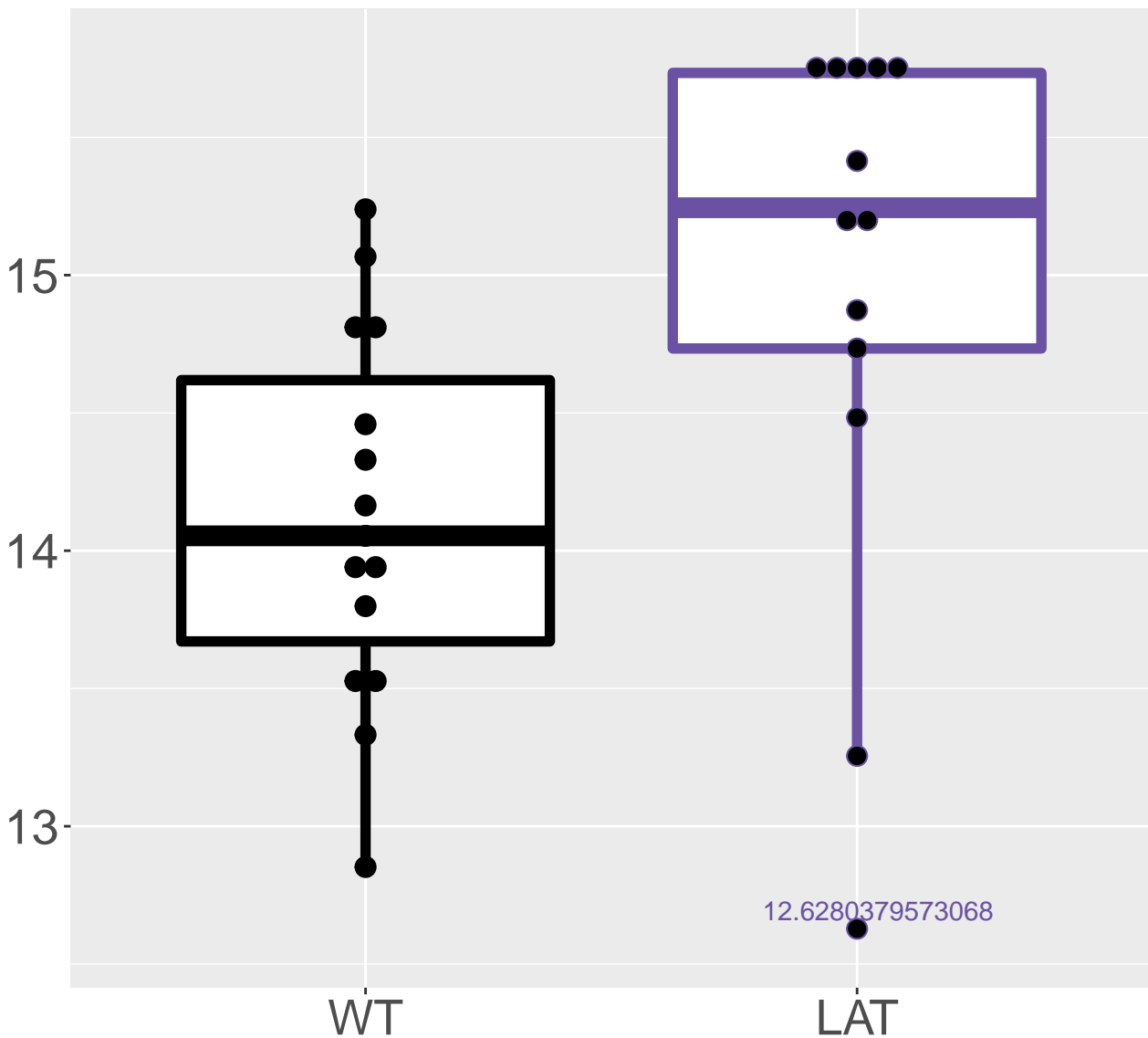
**M88.7645T252.94\_20**  
**FDR = 0.049, FC = 0.64**



**M298.8622T1029.96**  
**FDR = 0.049, FC = 0.21**

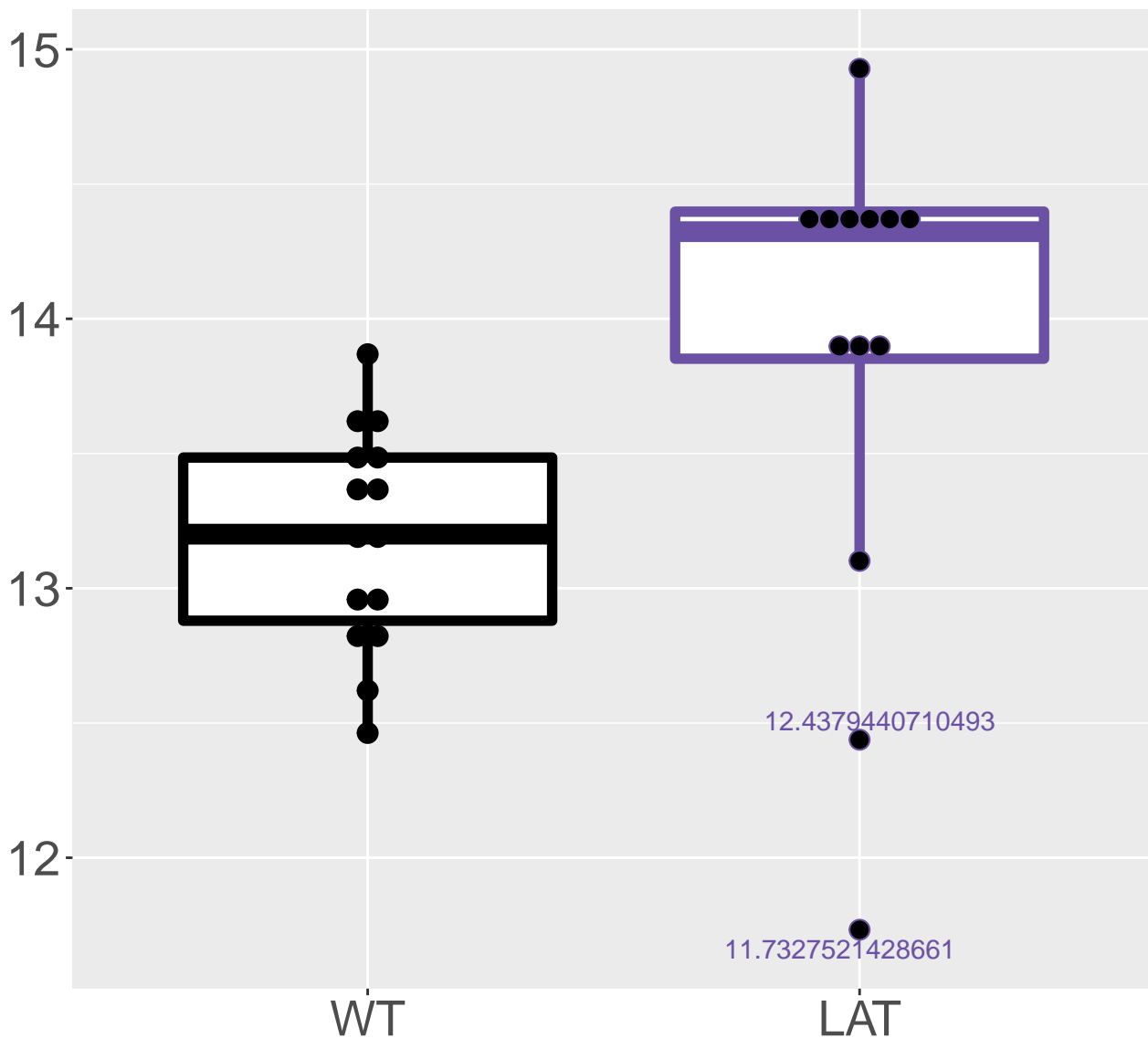


**M436.0958T303.71**  
**FDR = 0.05, FC = 0.84**



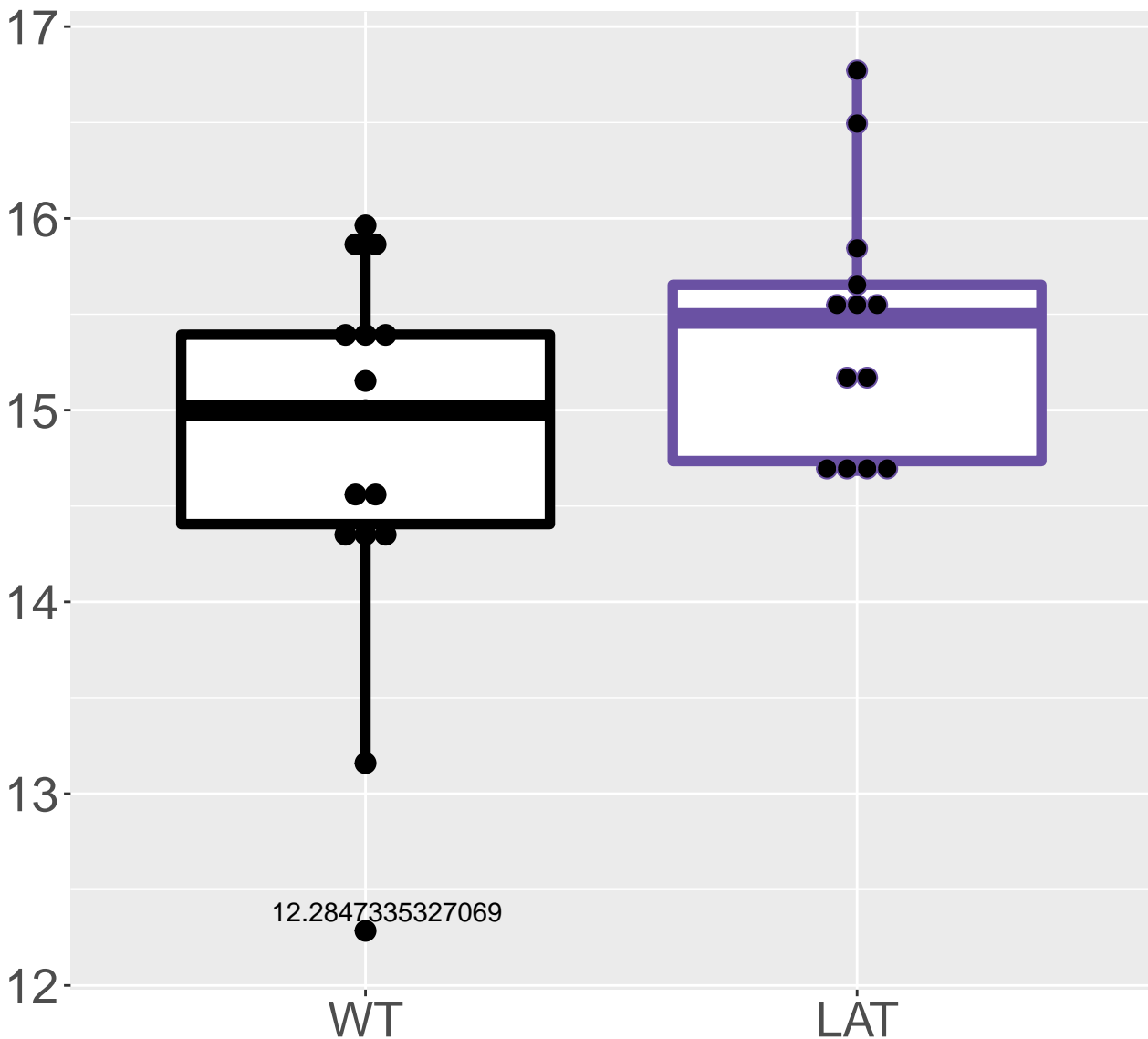
**M128.3434T555.84\_22**

**FDR = 0.05, FC = 0.67**

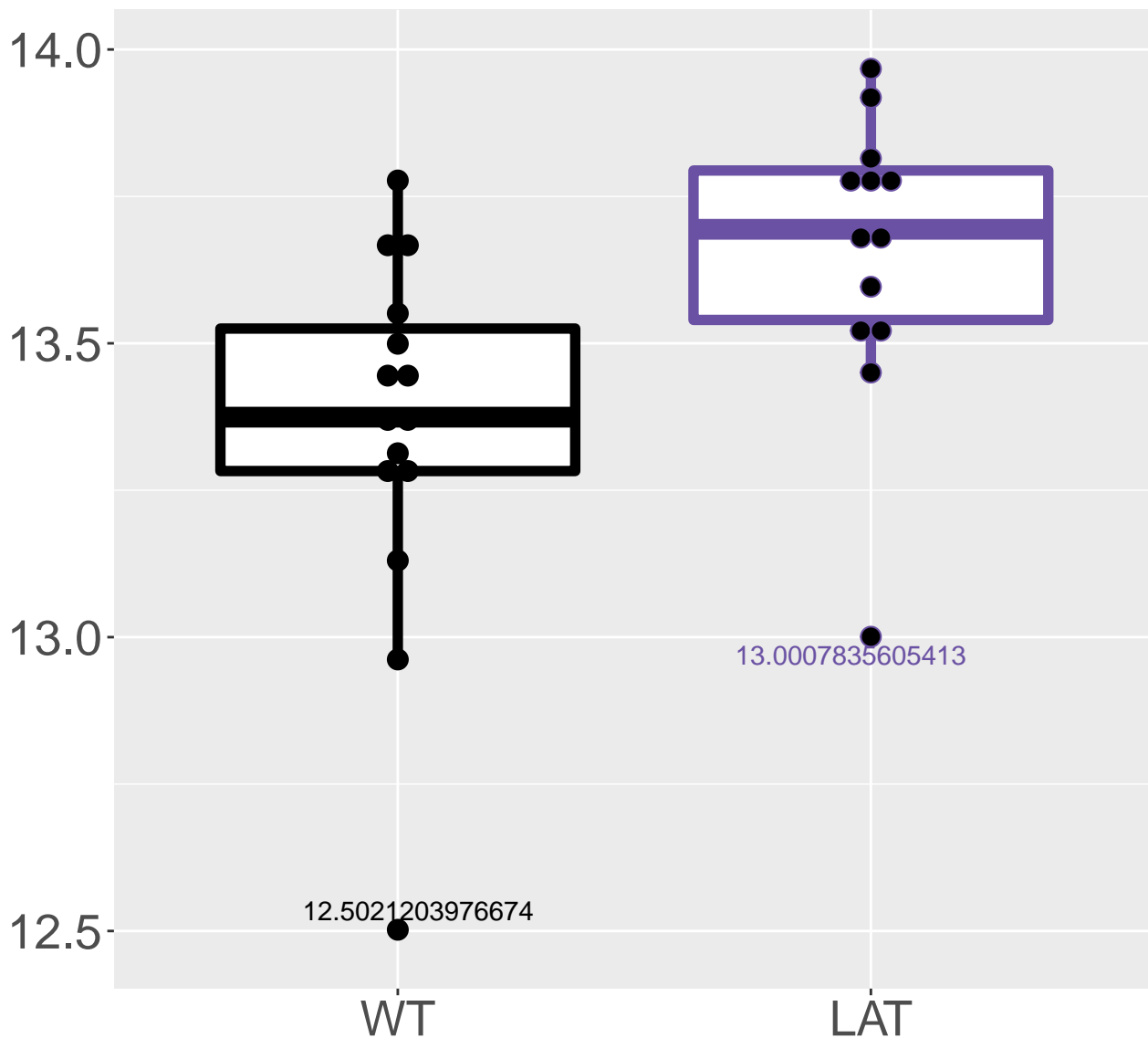


**M246.9923T674**

**FDR = 0.05, FC = 0.66, sex\***



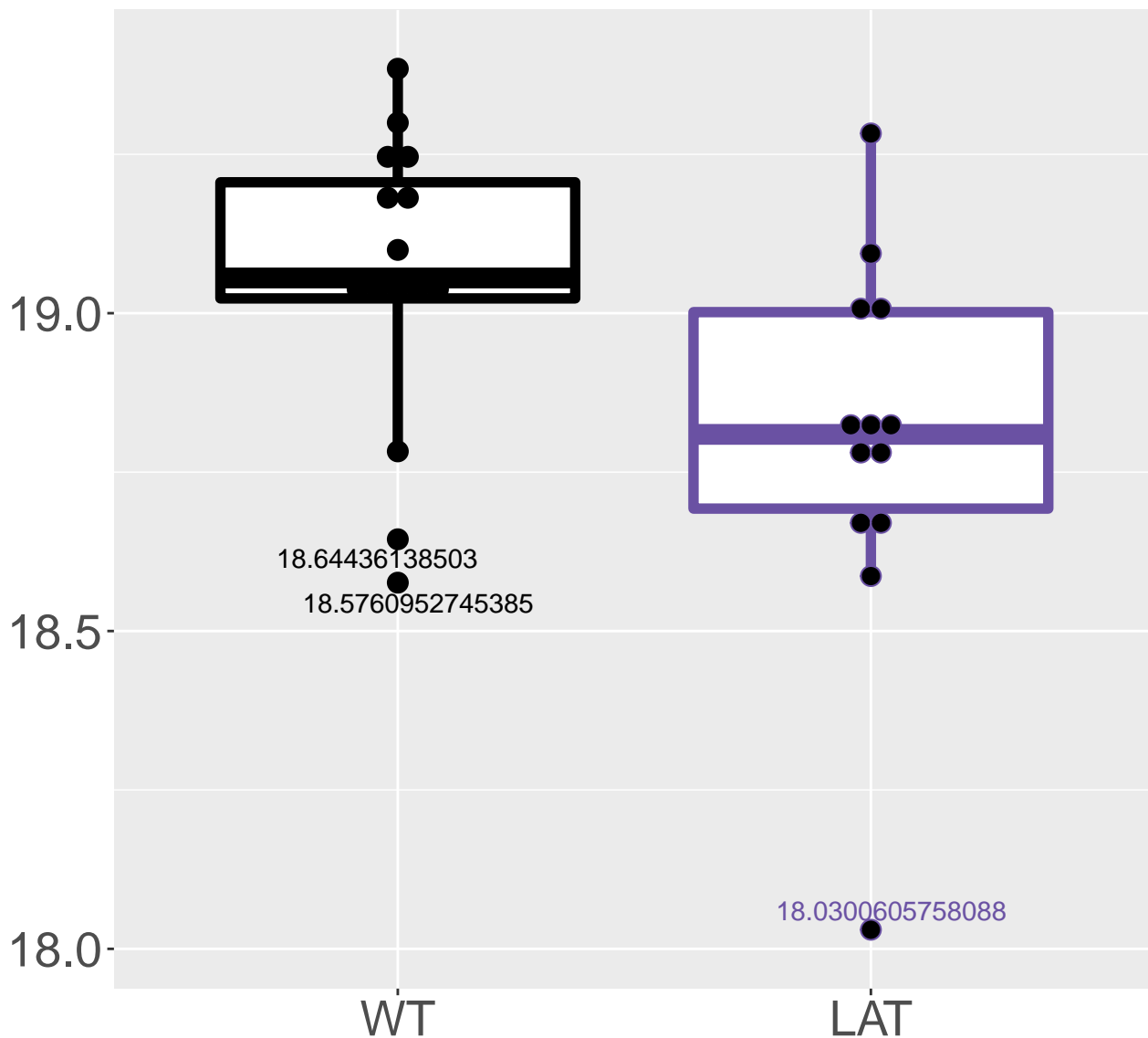
**M558.7129T1029.55**  
**FDR = 0.05, FC = 0.3**





**M846.5873T75.39**

**FDR = 0.05, FC = -0.26, sex\*\***



**M381.1108T491.7**  
**FDR = 0.05, FC = 0.46**

