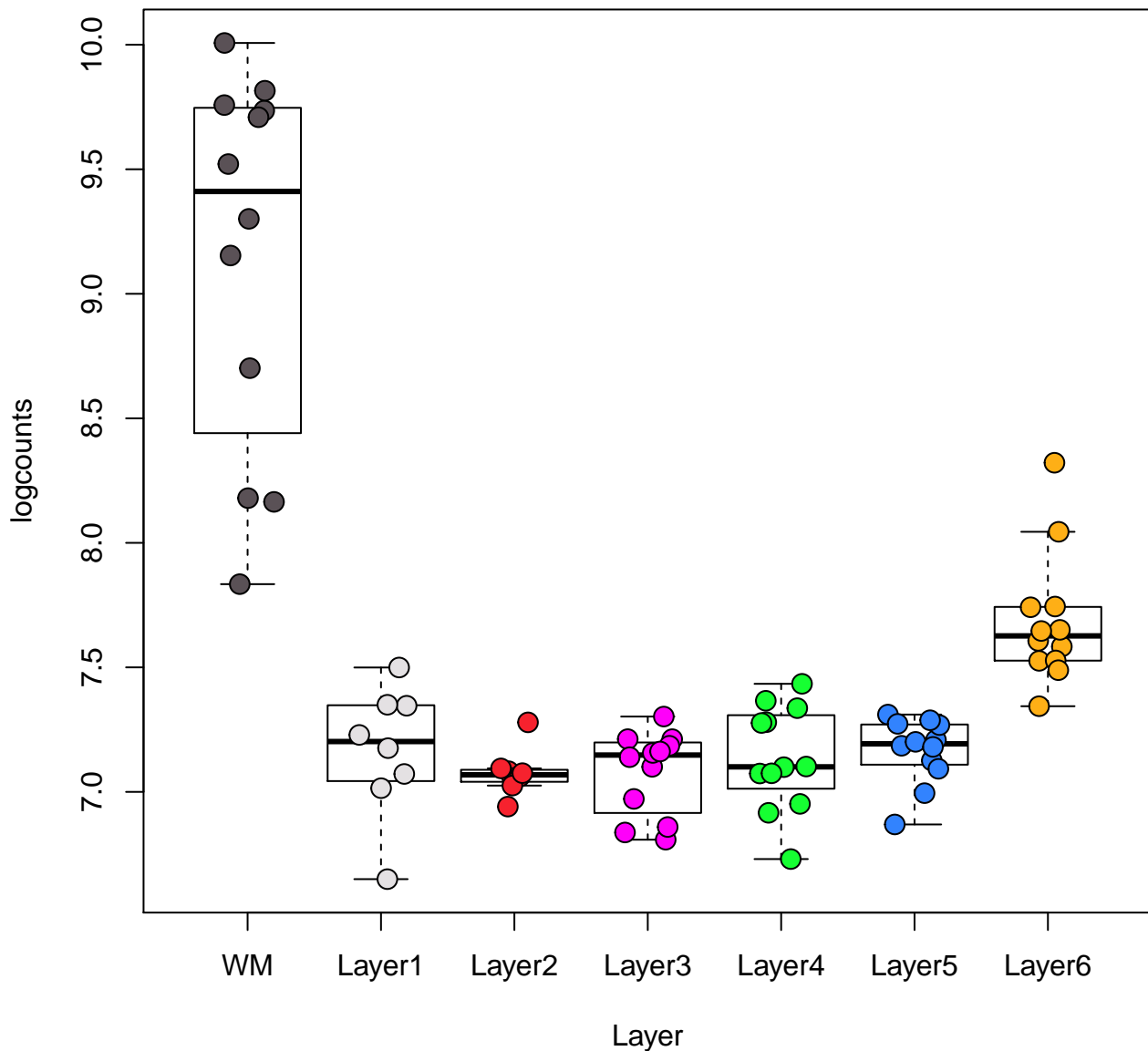


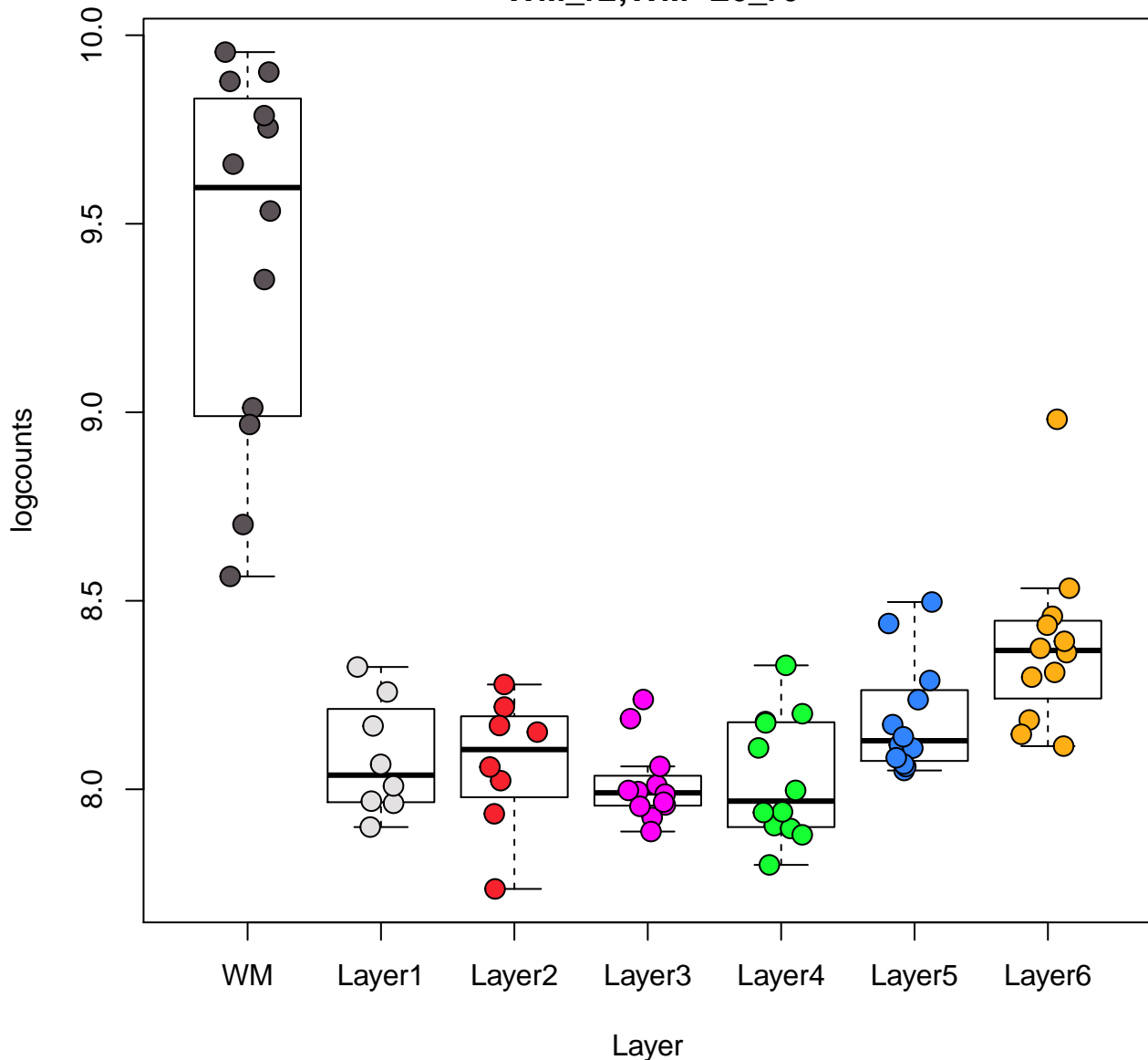
**NDRG1 ENSG00000104419 WM**  
**tstat 1.63e+01 p 1.26e-26**  
**WM\_r1;WM-L4\_r10;WM-L5\_r3;WM-L6\_r7**



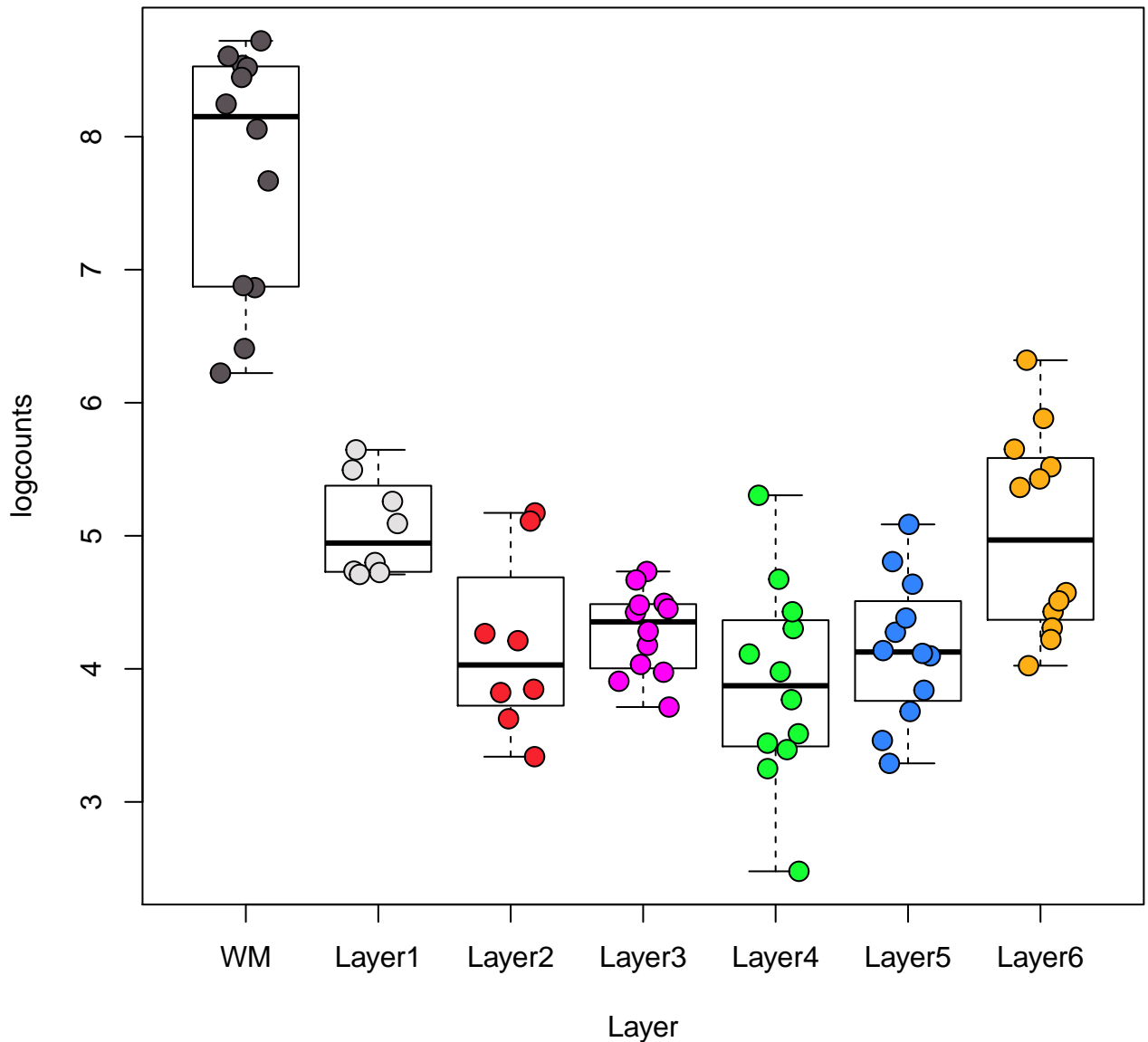
**PTP4A2 ENSG00000184007 WM**

**tstat 1.61e+01 p 2.25e-26**

**WM\_r2;WM-L6\_r6**



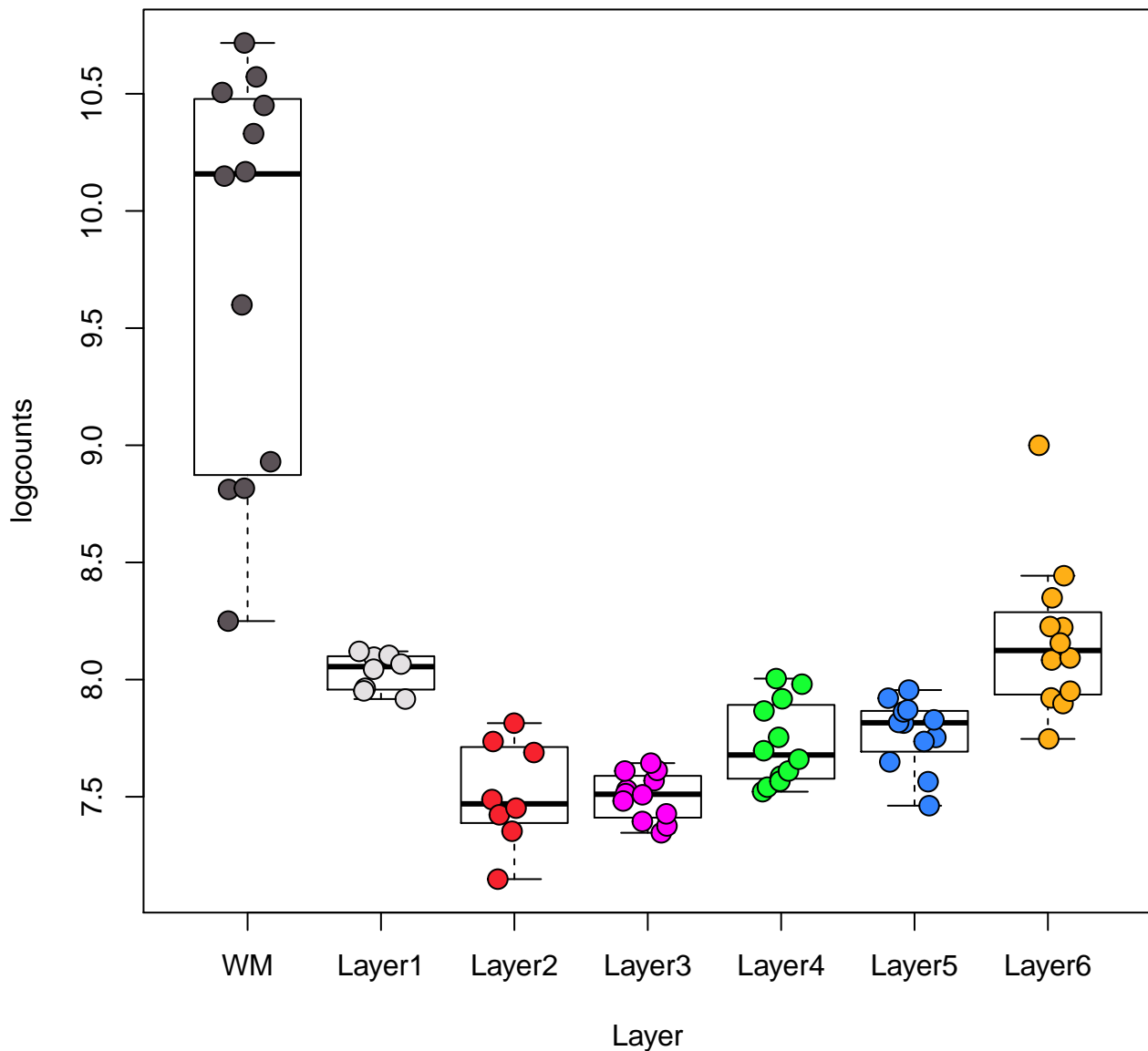
**AQP1 ENSG00000240583 WM**  
**tstat 1.60e+01 p 3.98e-26**  
**WM\_r3;WM-L4\_r4;WM-L5\_r2;WM-L6\_r4**



PAQR6 ENSG00000160781 WM

tstat 1.52e+01 p 7.86e-25

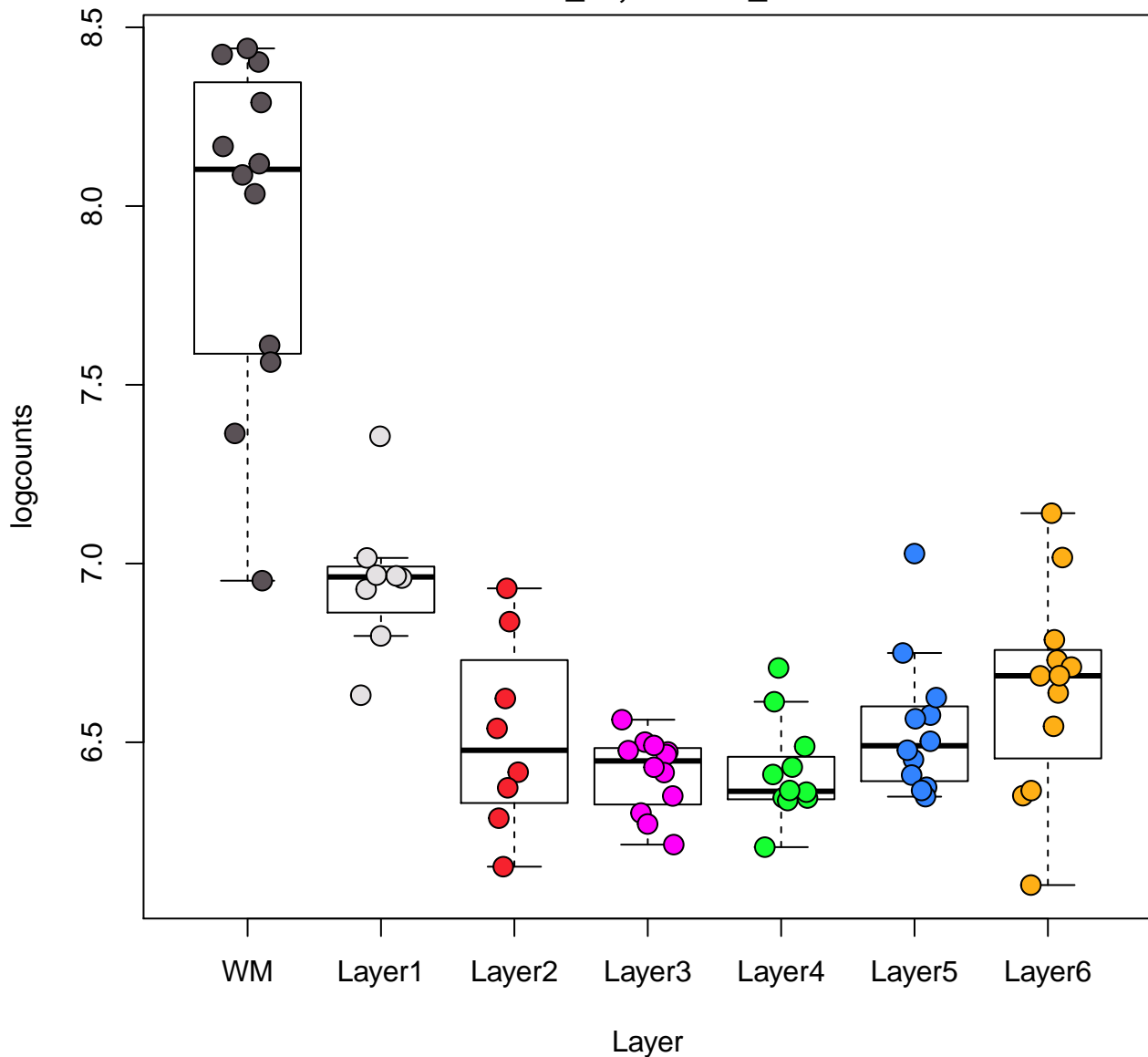
WM\_r4;WM-L6\_r10



ANP32B ENSG00000136938 WM

tstat 1.50e+01 p 1.80e-24

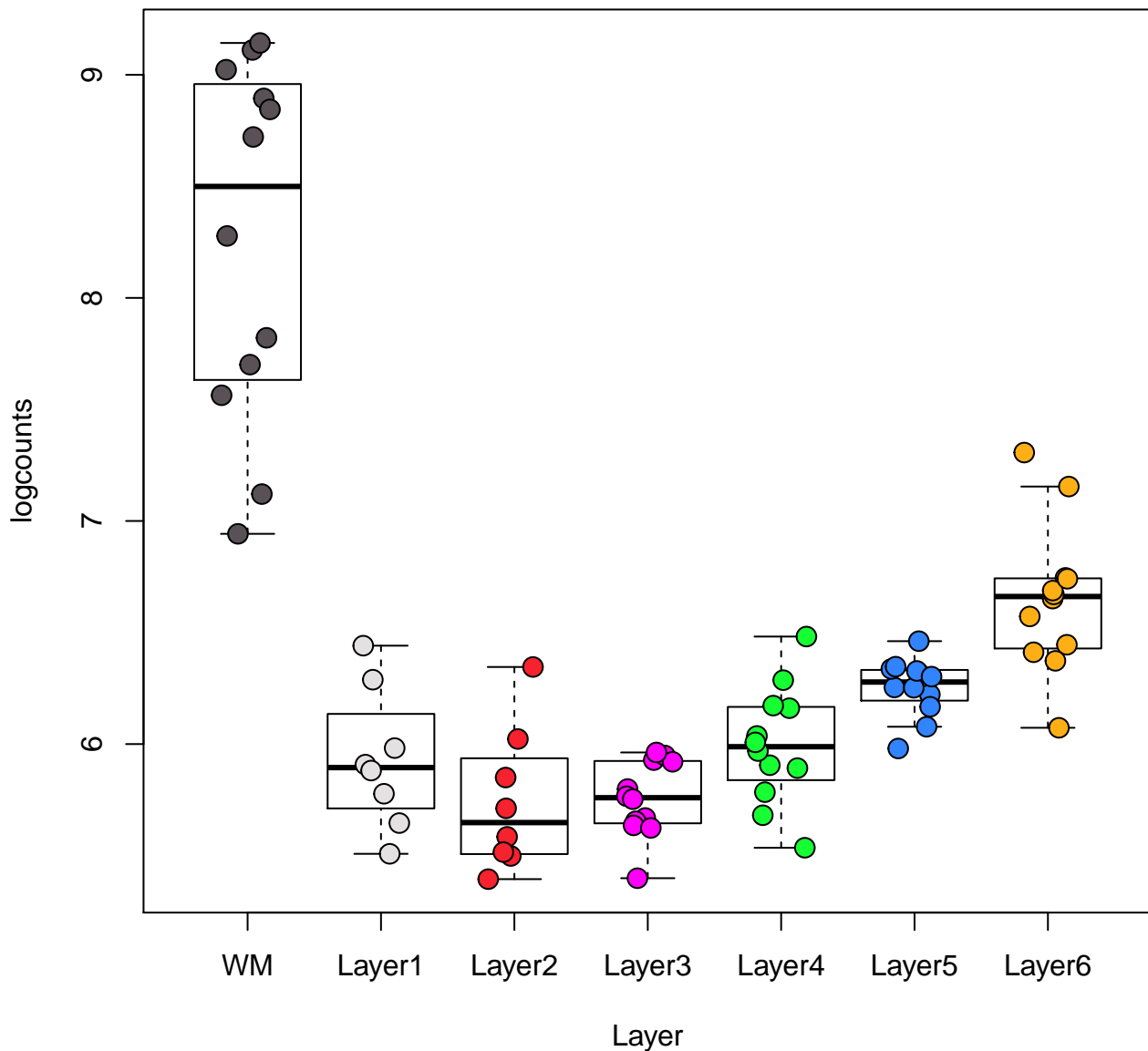
WM\_r5;WM-L6\_r3



**JAM3 ENSG00000166086 WM**

**tstat 1.47e+01 p 4.51e-24**

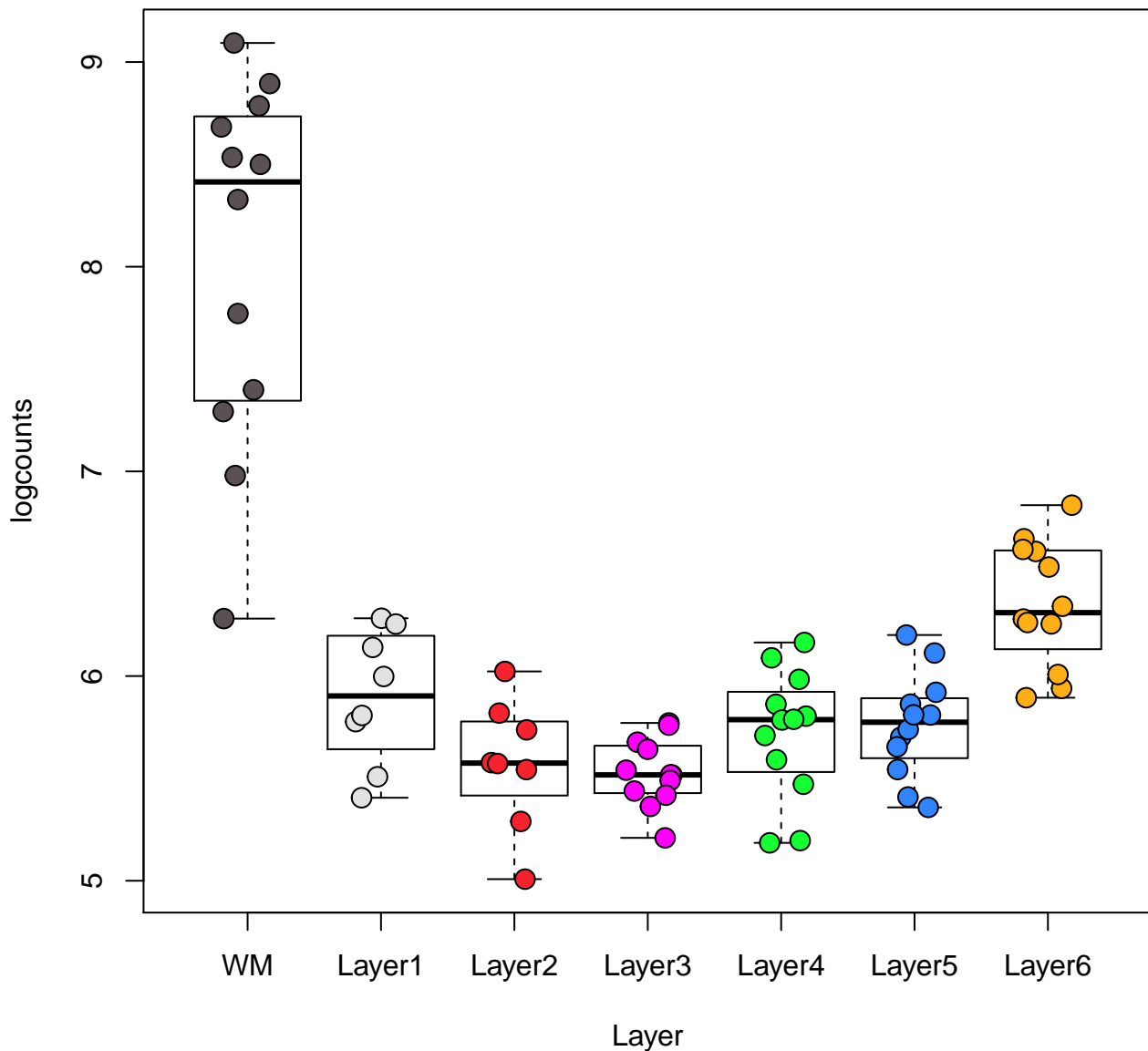
**WM\_r6**



PHLDB1 ENSG00000019144 WM

tstat 1.47e+01 p 5.62e-24

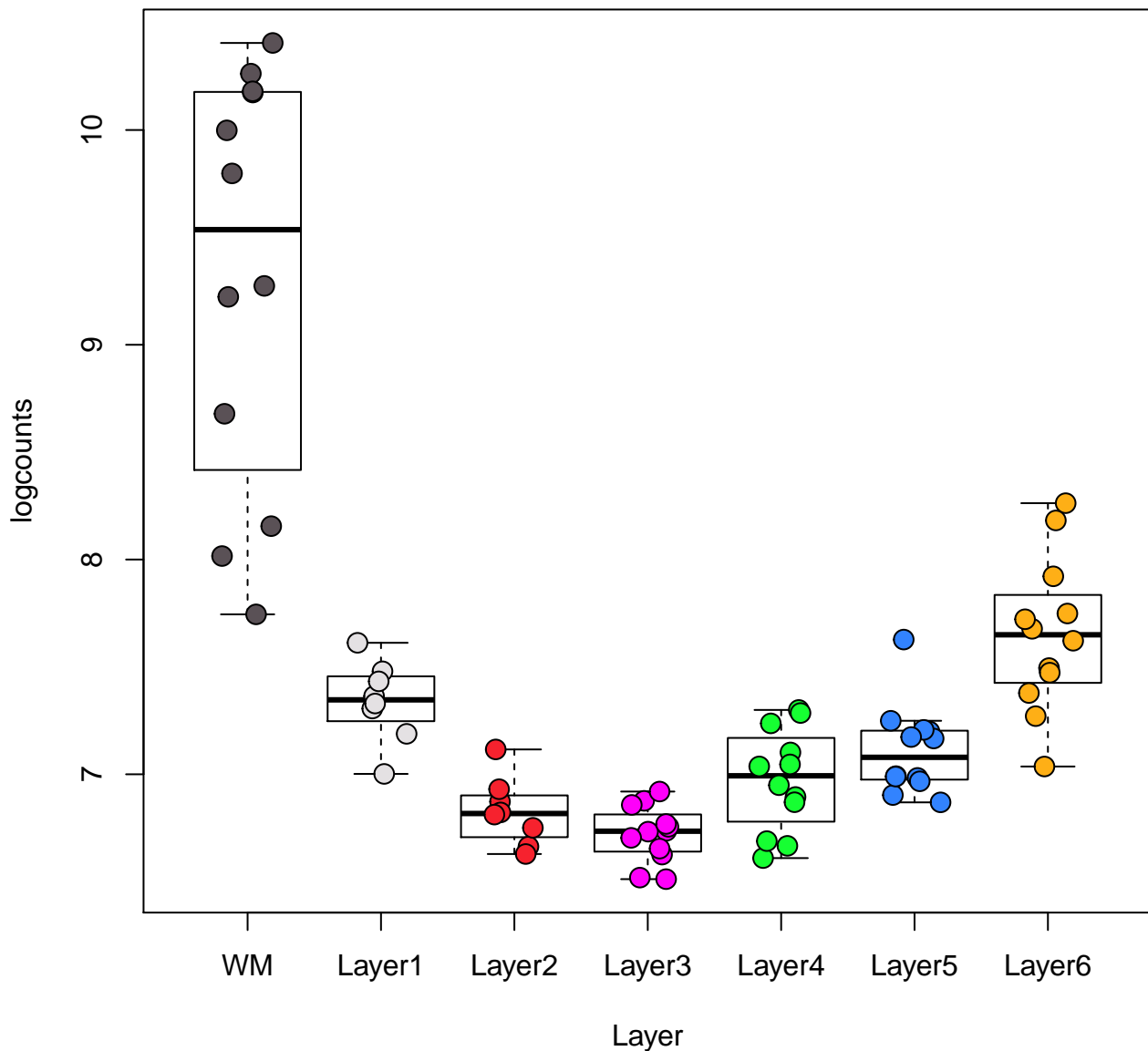
WM\_r7



**PMP22 ENSG00000109099 WM**

**tstat 1.47e+01 p 5.99e-24**

**WM\_r8**

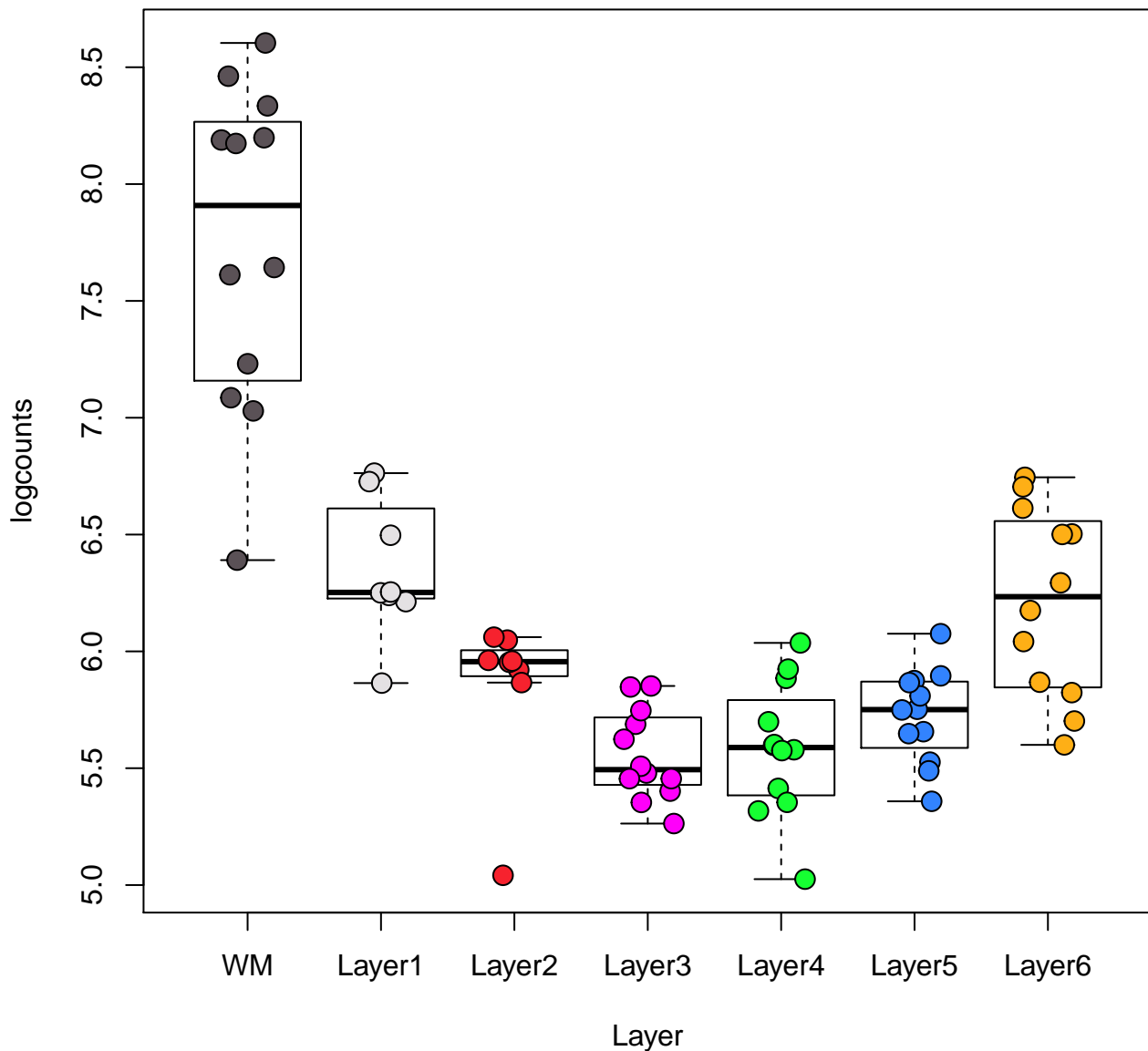




MTUS1 ENSG00000129422 WM

tstat 1.43e+01 p 2.73e-23

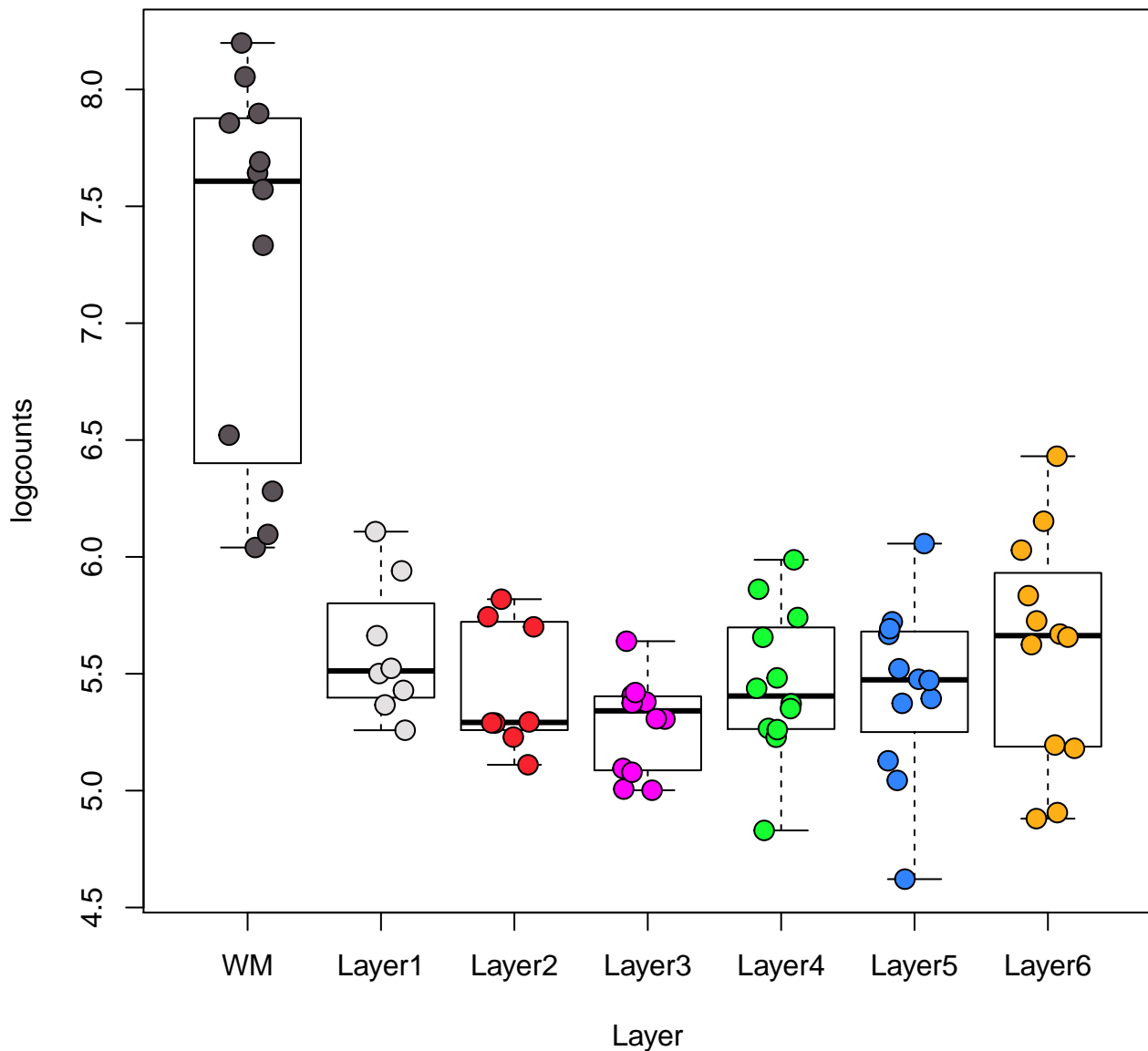
WM\_r9;WM-L5\_r7



**PLEKHG3 ENSG00000126822 WM**

**tstat 1.42e+01 p 3.35e-23**

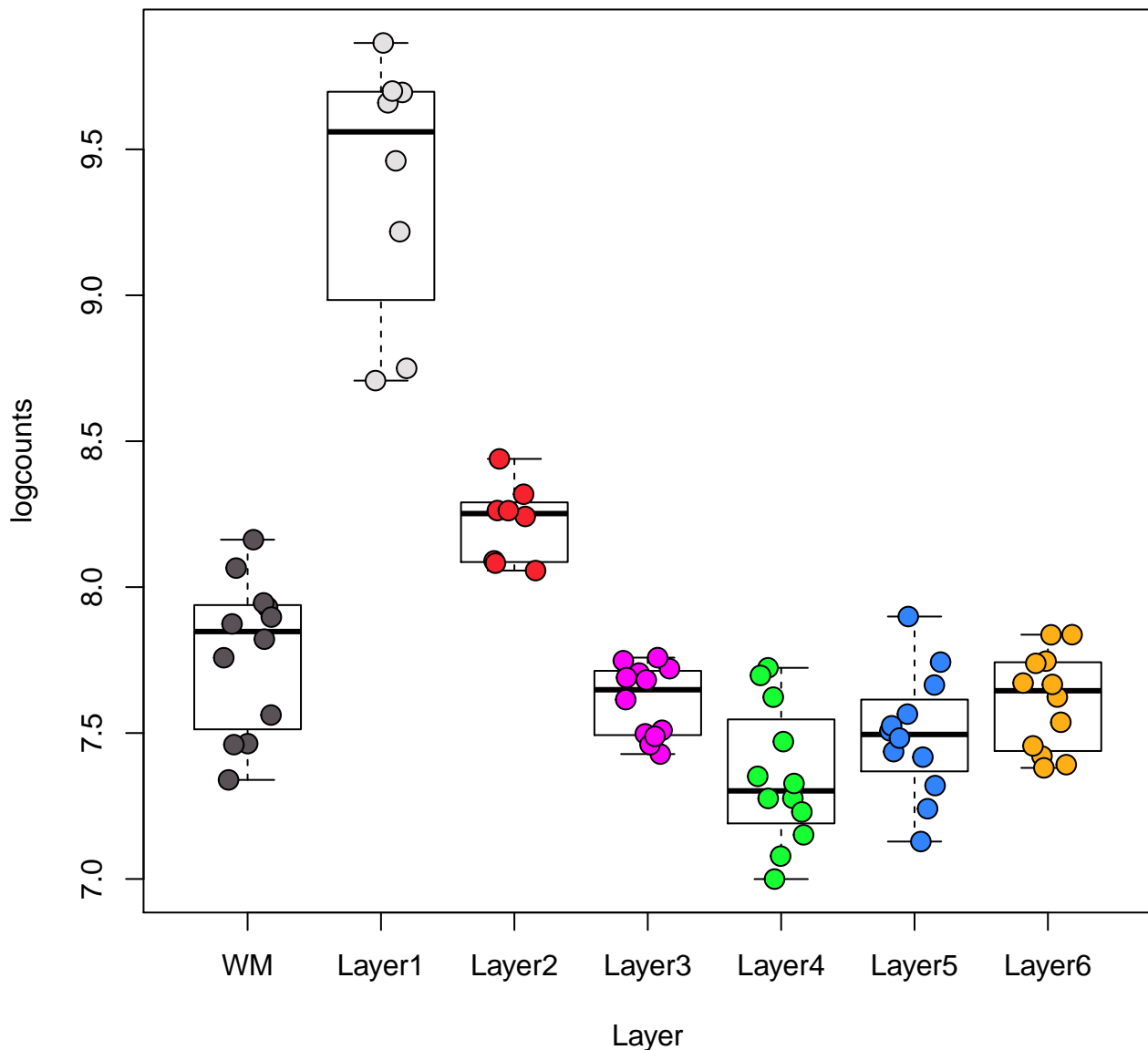
**WM\_r10**



# MT1G ENSG00000125144 Layer1

tstat 1.42e+01 p 3.16e-23

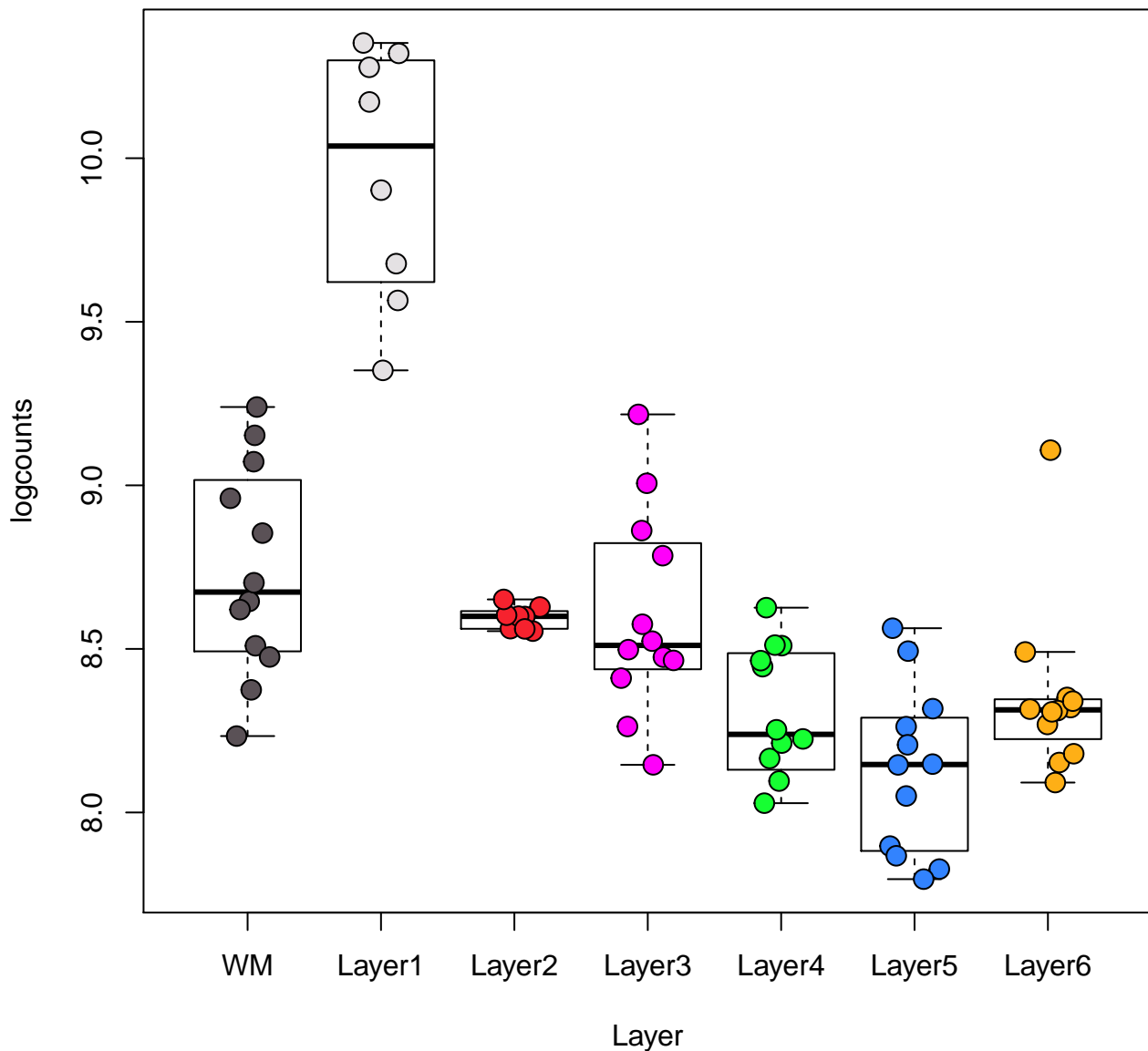
L1\_r1;L1-L2\_r3;L1-L3\_r1;L1-L4\_r1;L1-L5\_r1;L1-L6\_r1;L1-WM\_r2



# VIM ENSG00000026025 Layer1

tstat 1.23e+01 p 7.49e-20

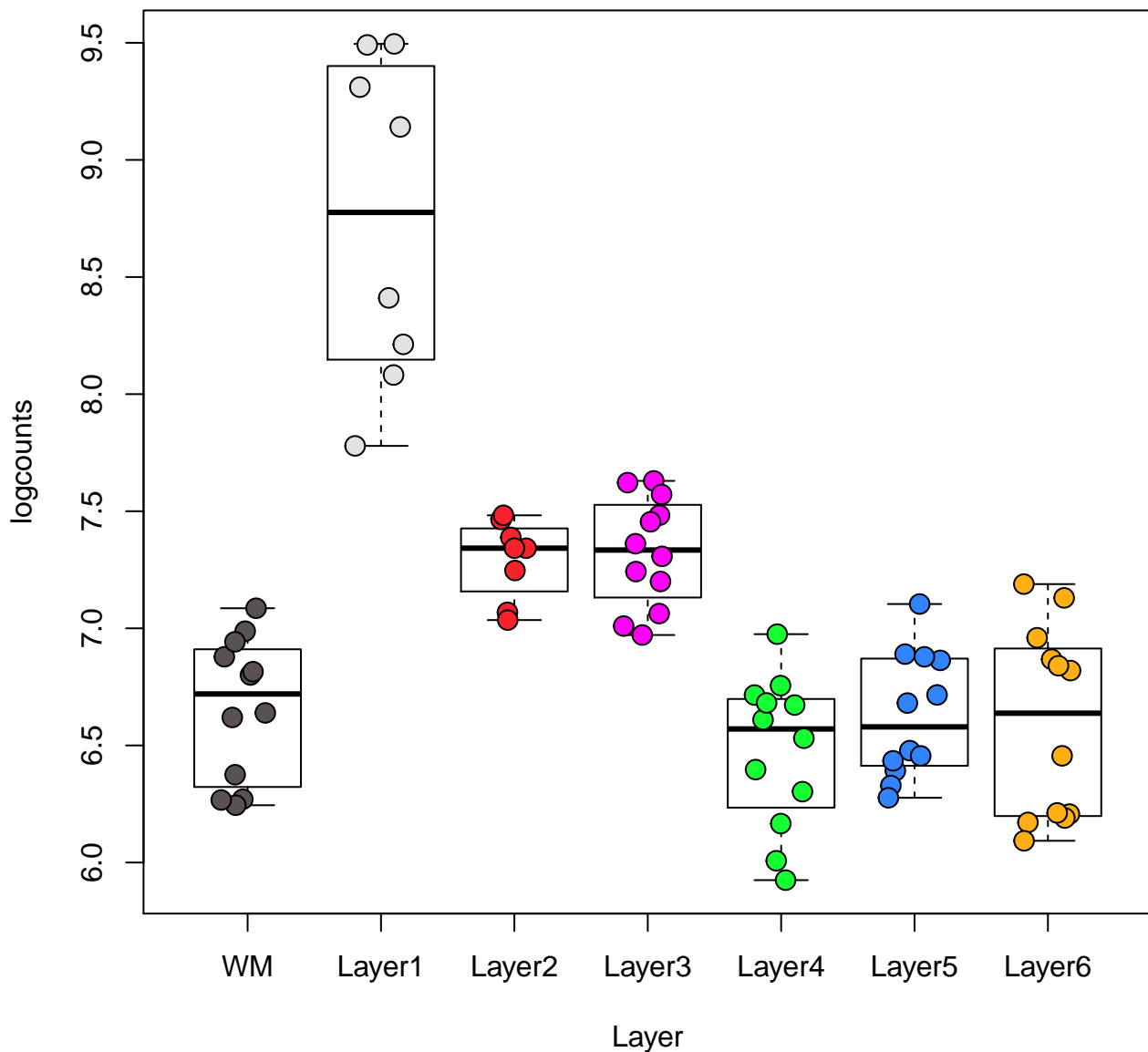
L1\_r2;L1-L2\_r4;L1-L3\_r7;L1-L4\_r6;L1-L5\_r3;L1-L6\_r6



# FABP7 ENSG00000164434 Layer1

tstat 1.19e+01 p 5.01e-19

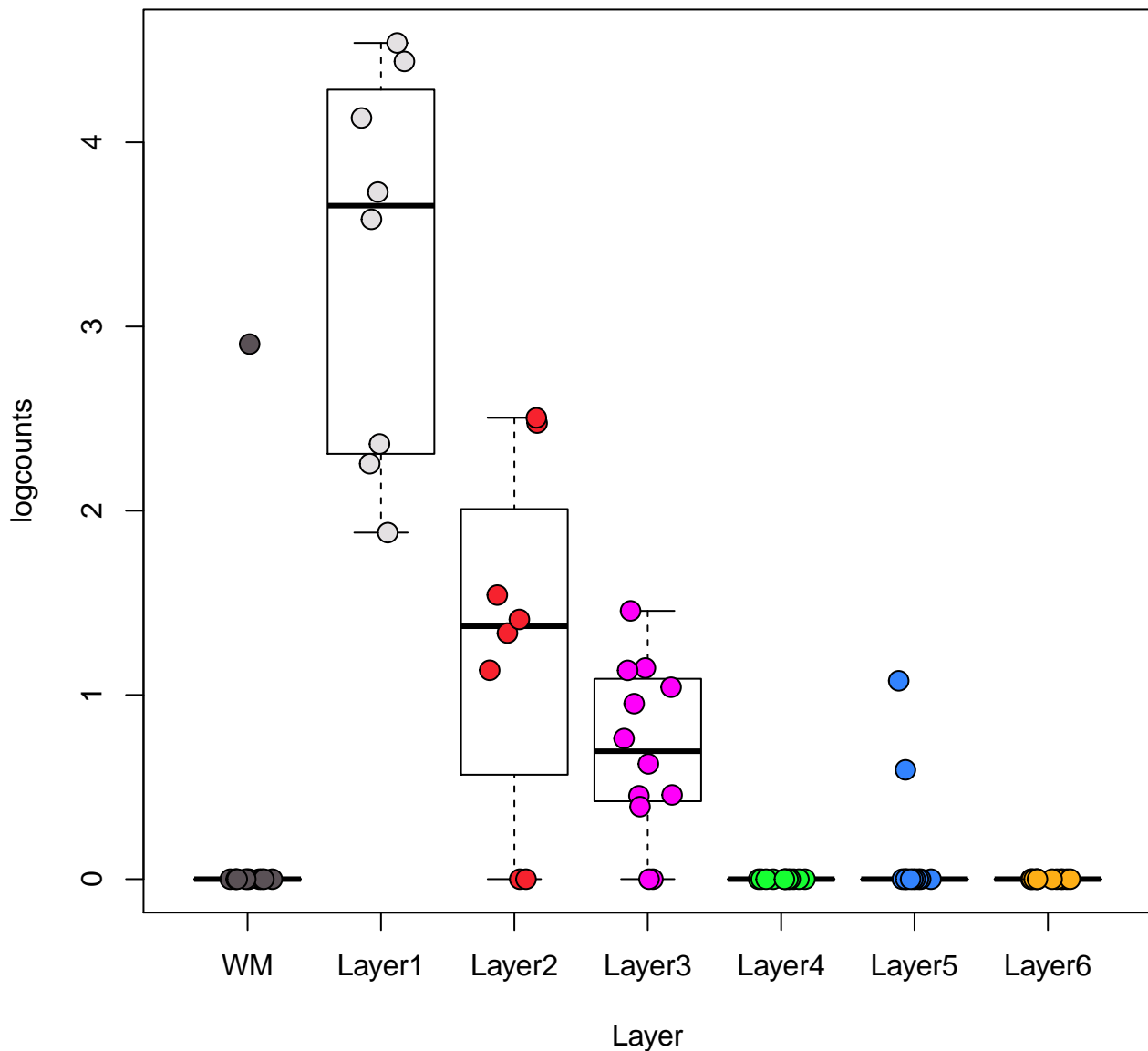
L1\_r3;L1-L2\_r8;L1-L4\_r2;L1-L5\_r2;L1-L6\_r2;L1-WM\_r4



# LINC00052 ENSG00000259527 Layer1

tstat 1.14e+01 p 4.33e-18

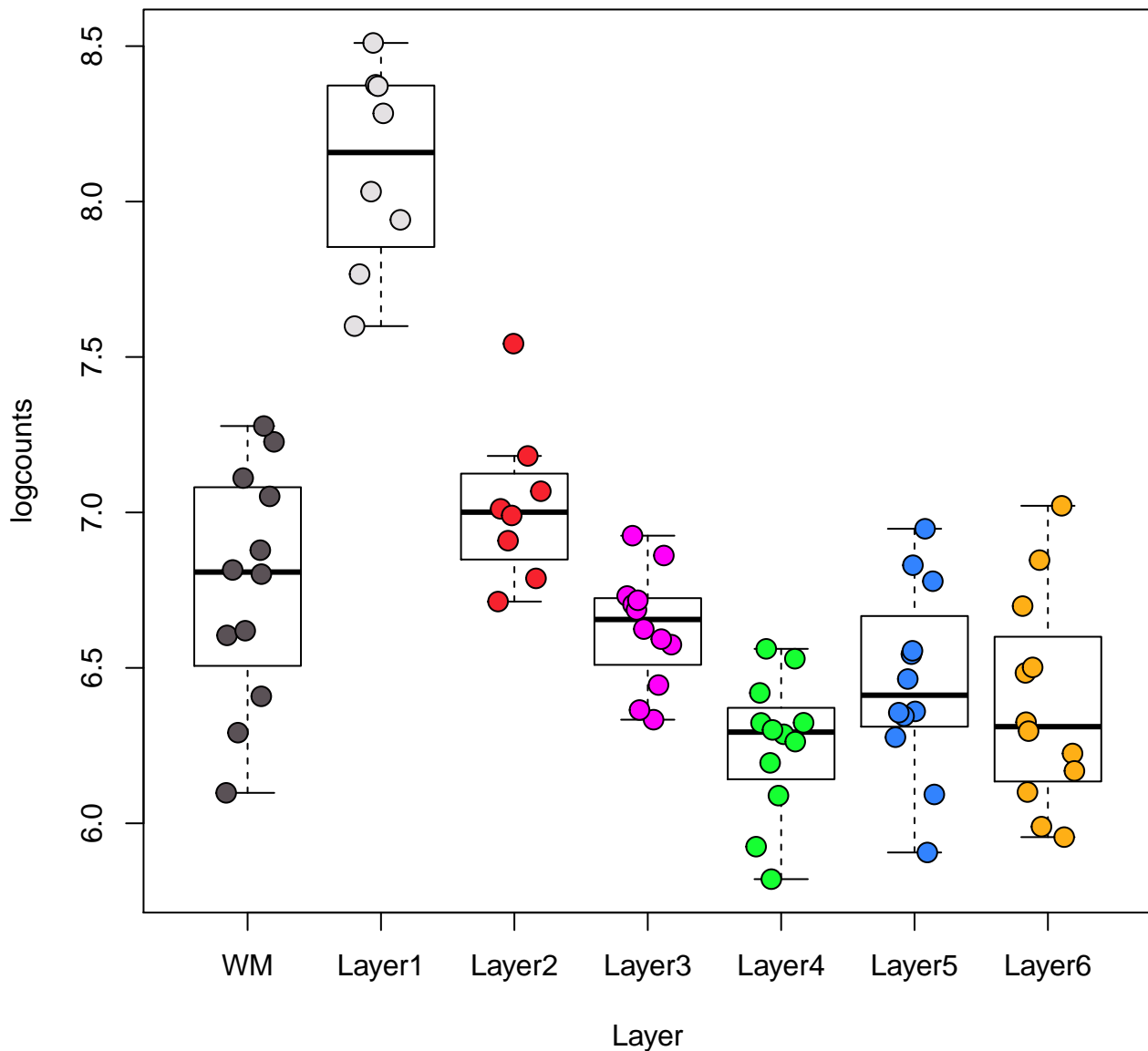
L1\_r4;L1-L6\_r10



**MT1F ENSG00000198417 Layer1**

**tstat 1.13e+01 p 5.99e-18**

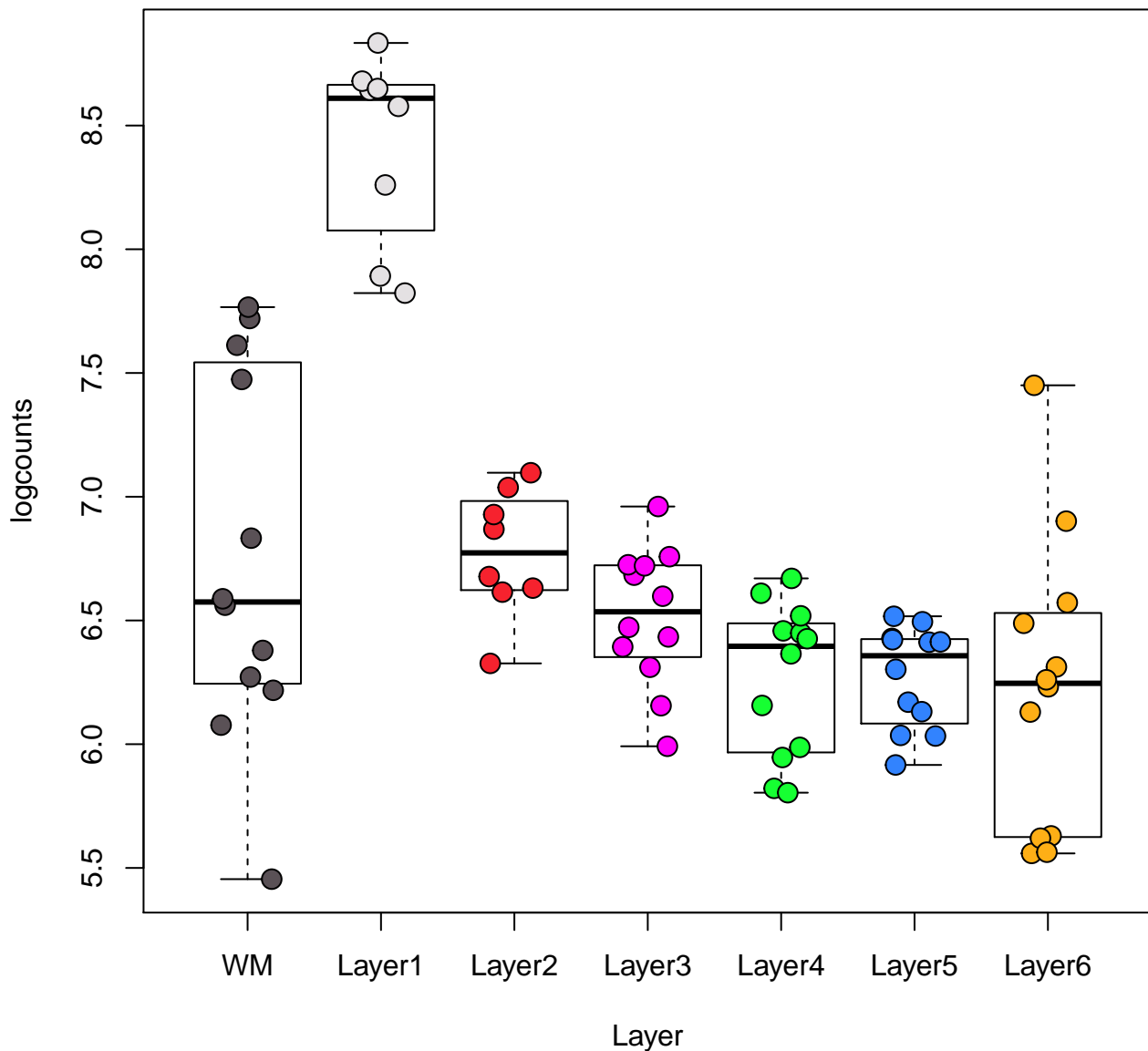
**L1\_r5;L1-L3\_r9;L1-L4\_r9;L1-L6\_r7**



# MYL9 ENSG00000101335 Layer1

tstat 1.11e+01 p 1.35e-17

L1\_r6

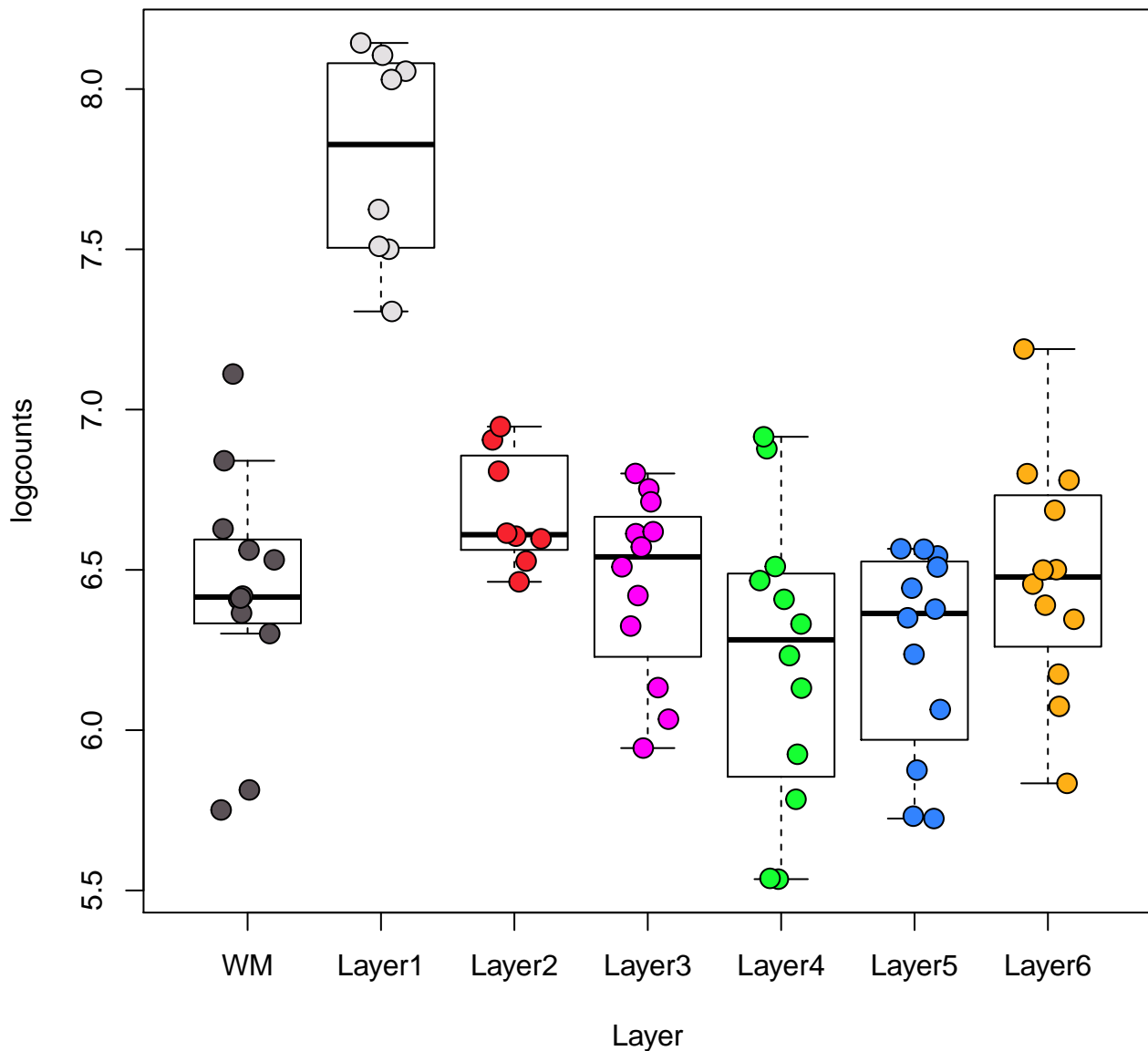




# F3 ENSG00000117525 Layer1

tstat 1.10e+01 p 2.21e-17

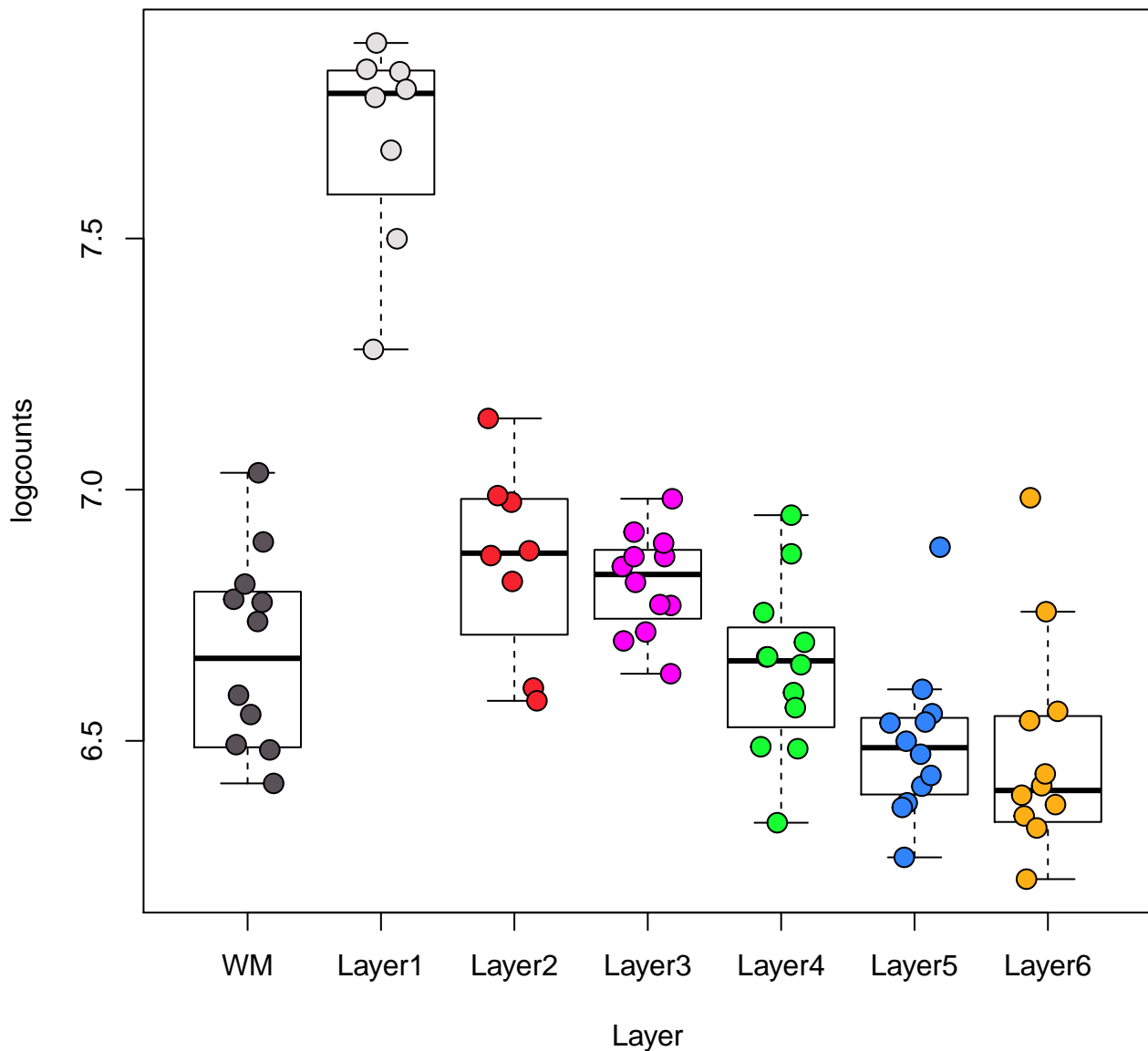
L1\_r7



# CDC42EP4 ENSG00000179604 Layer1

tstat 1.09e+01 p 2.46e-17

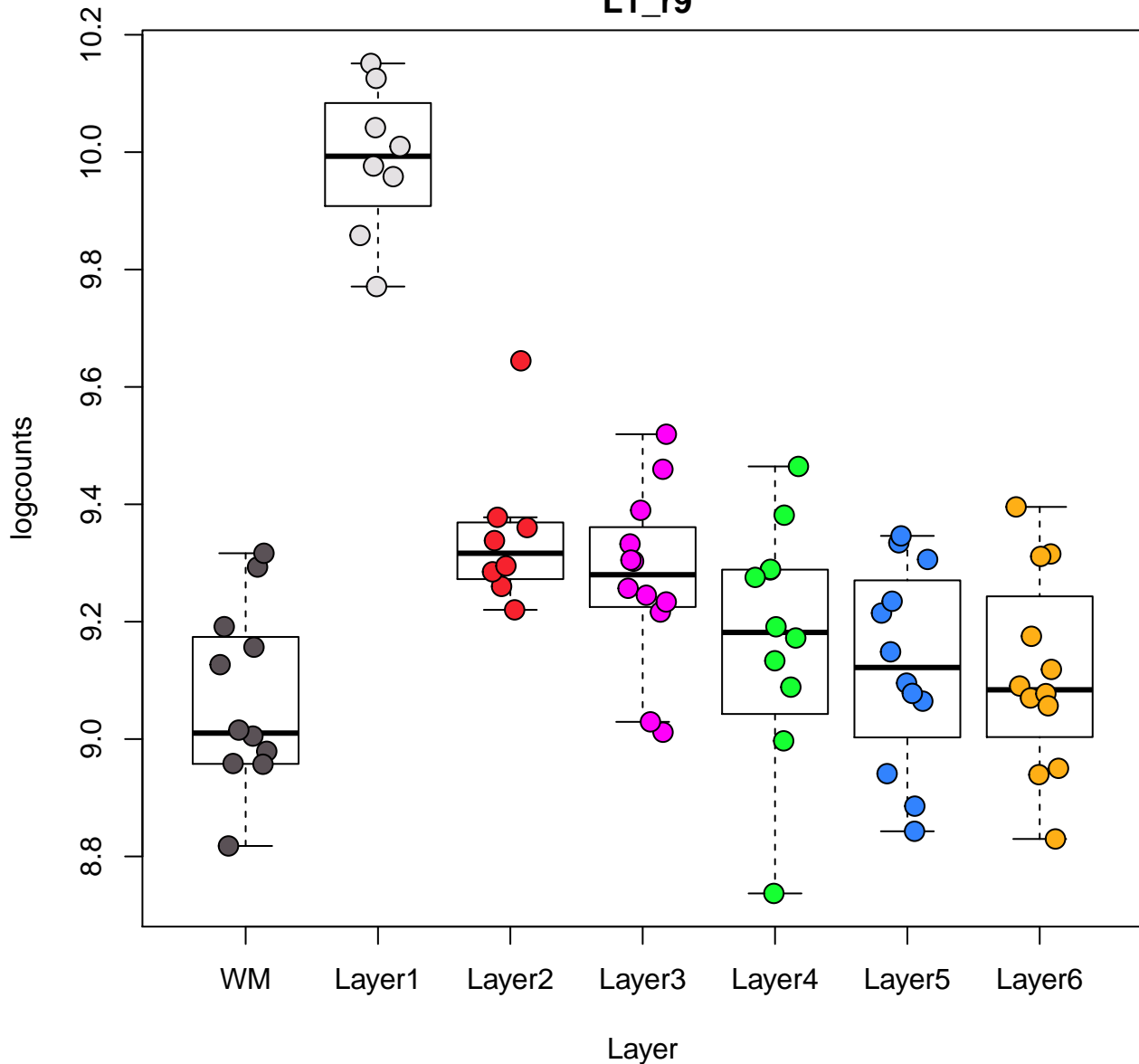
L1\_r8;L1-L6\_r8



# ATP1A2 ENSG00000018625 Layer1

tstat 1.08e+01 p 4.14e-17

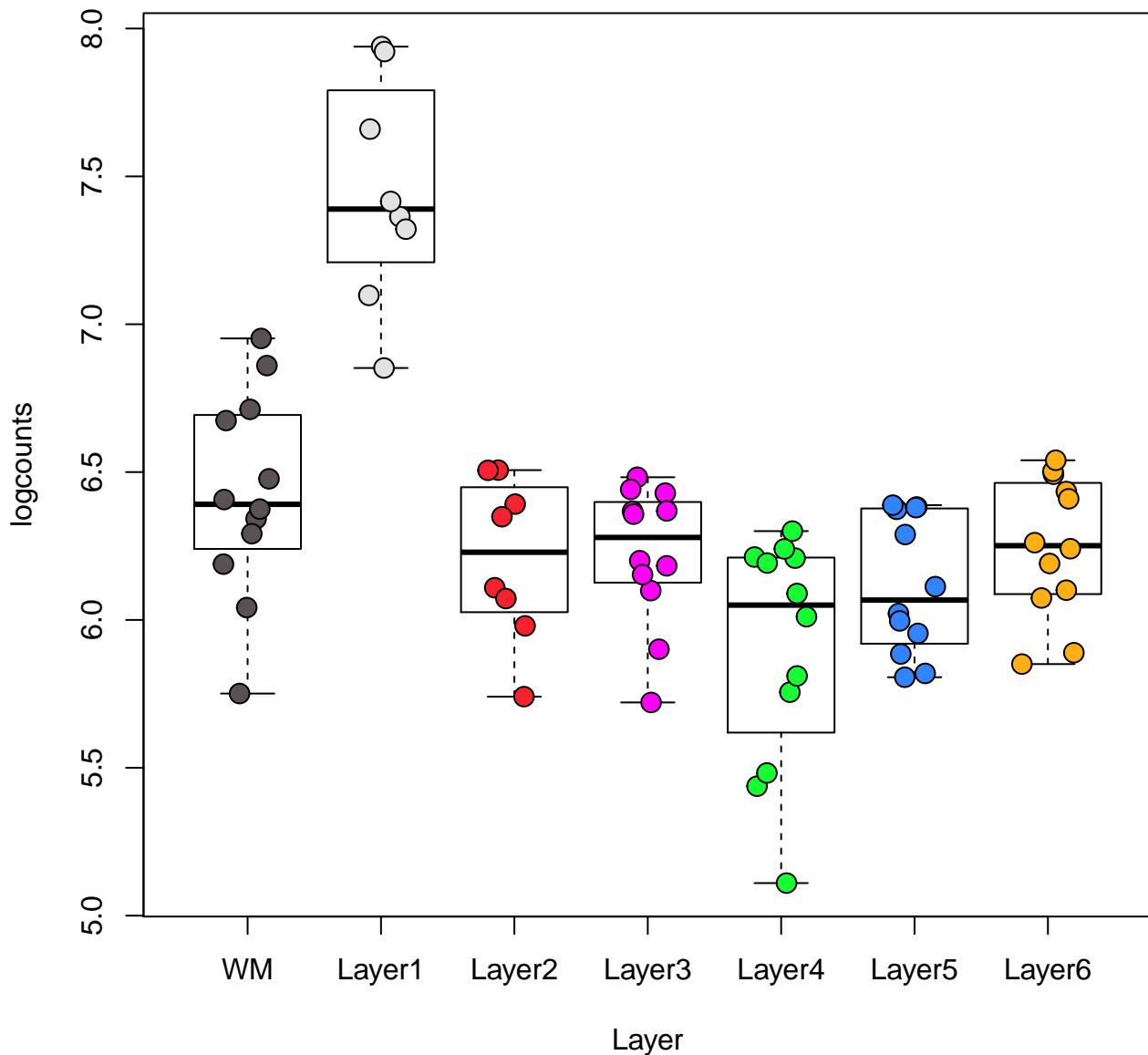
L1\_r9



# SOX9 ENSG00000125398 Layer1

tstat 1.06e+01 p 1.07e-16

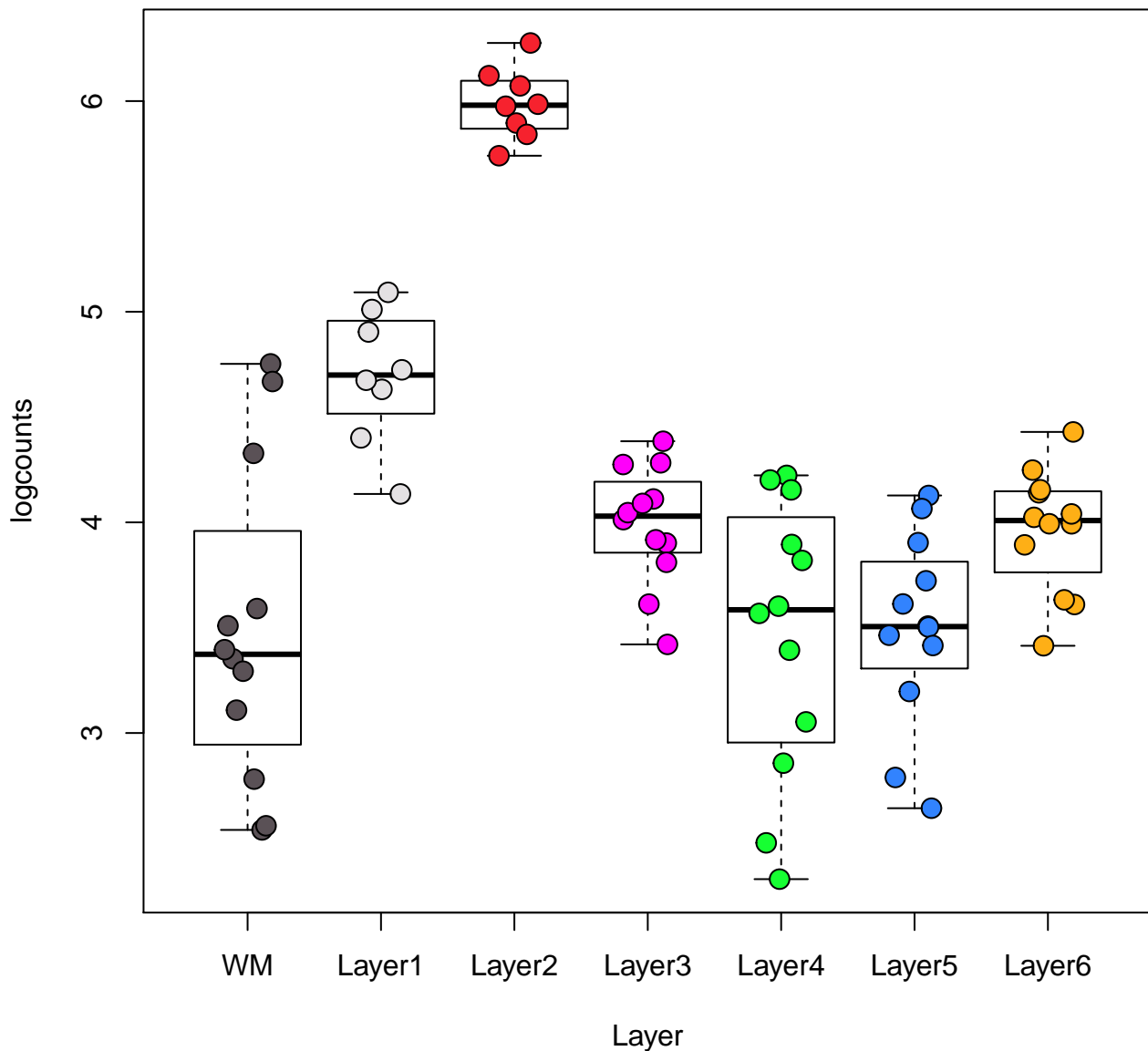
L1\_r10



# DACT1 ENSG00000165617 Layer2

tstat 9.74e+00 p 4.68e-15

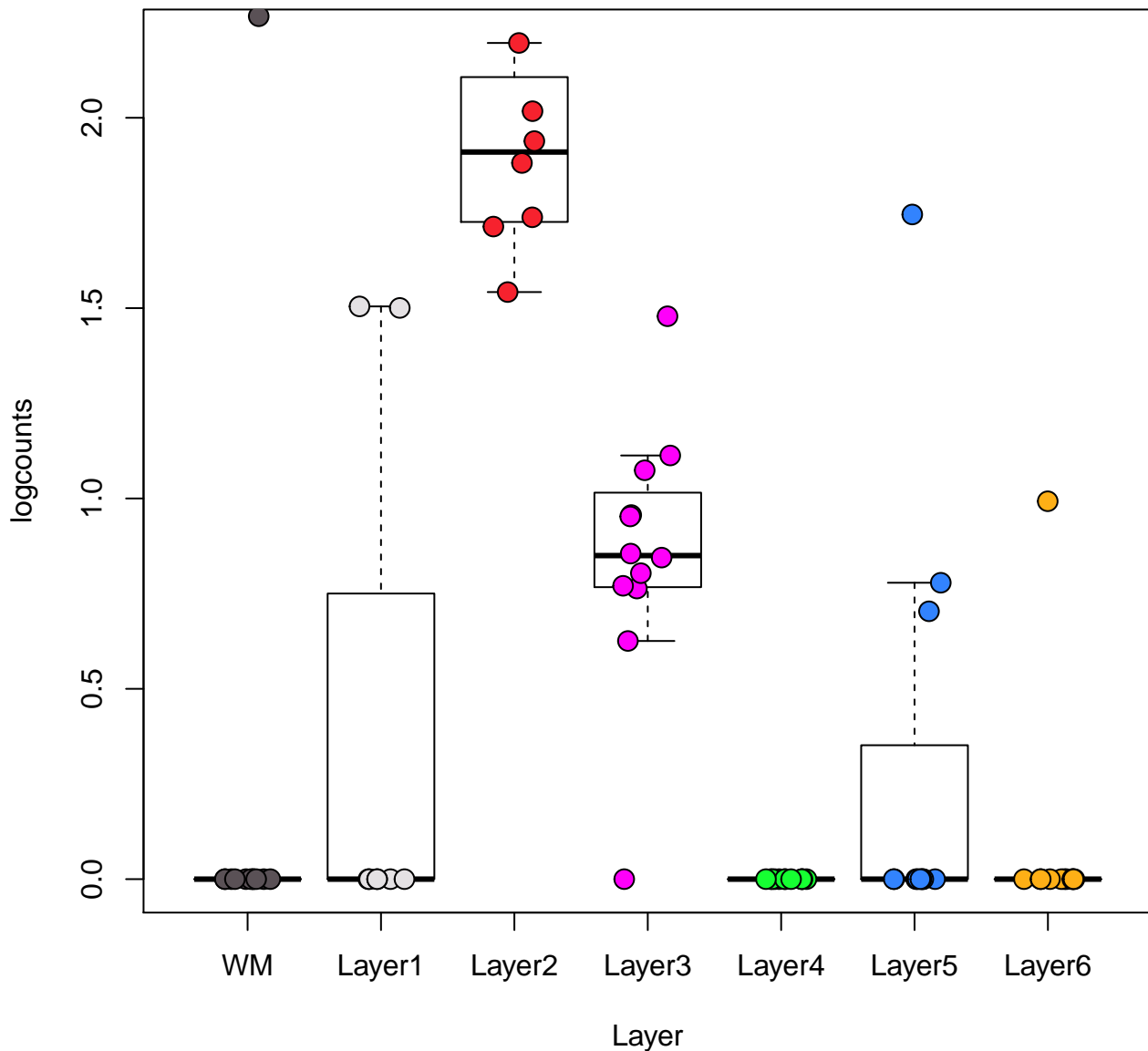
L2\_r1;L2-L3\_r3



# MPL ENSG00000117400 Layer2

tstat 8.87e+00 p 2.23e-13

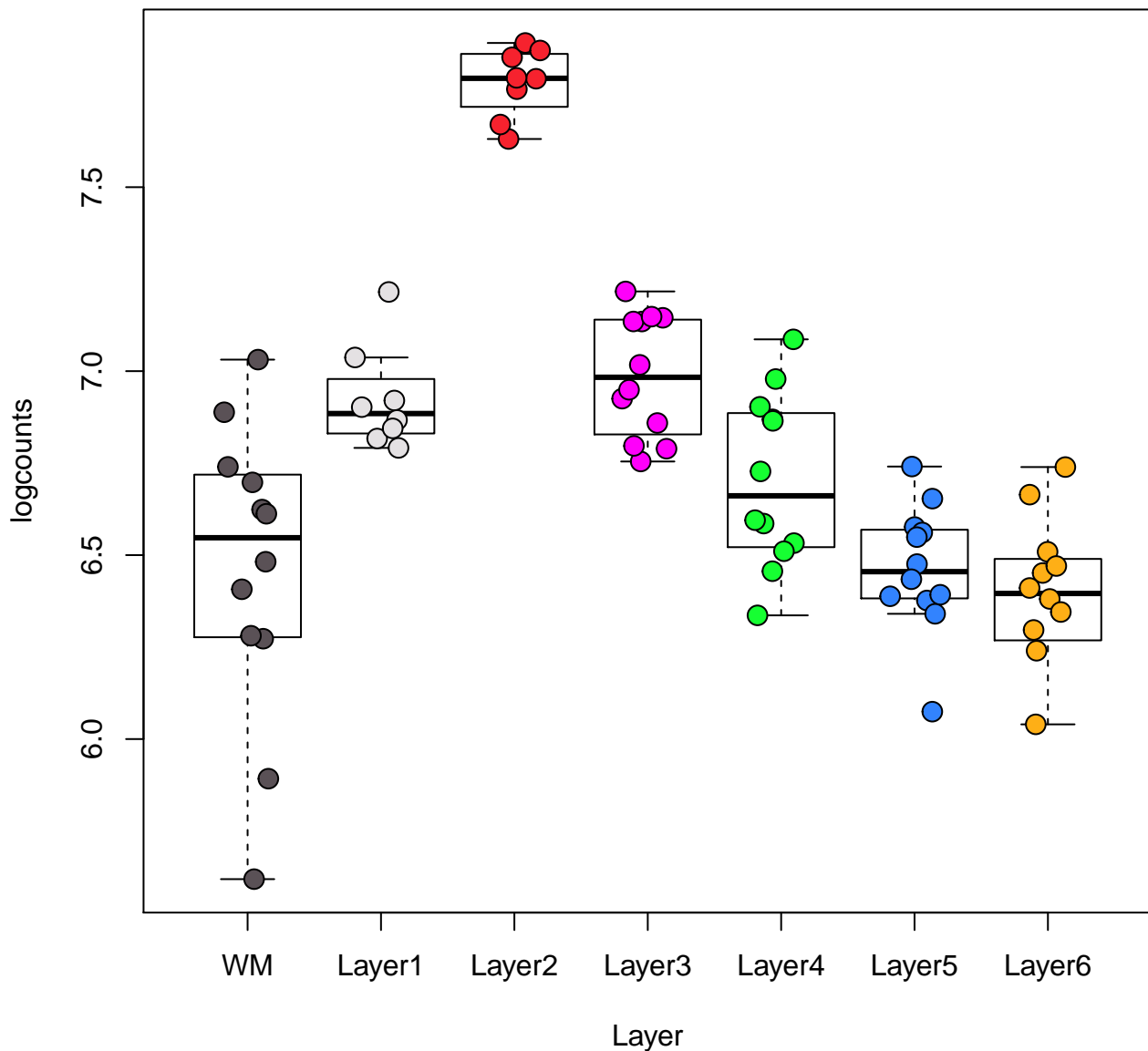
L2\_r2



# STXBP6 ENSG00000168952 Layer2

tstat 8.39e+00 p 1.89e-12

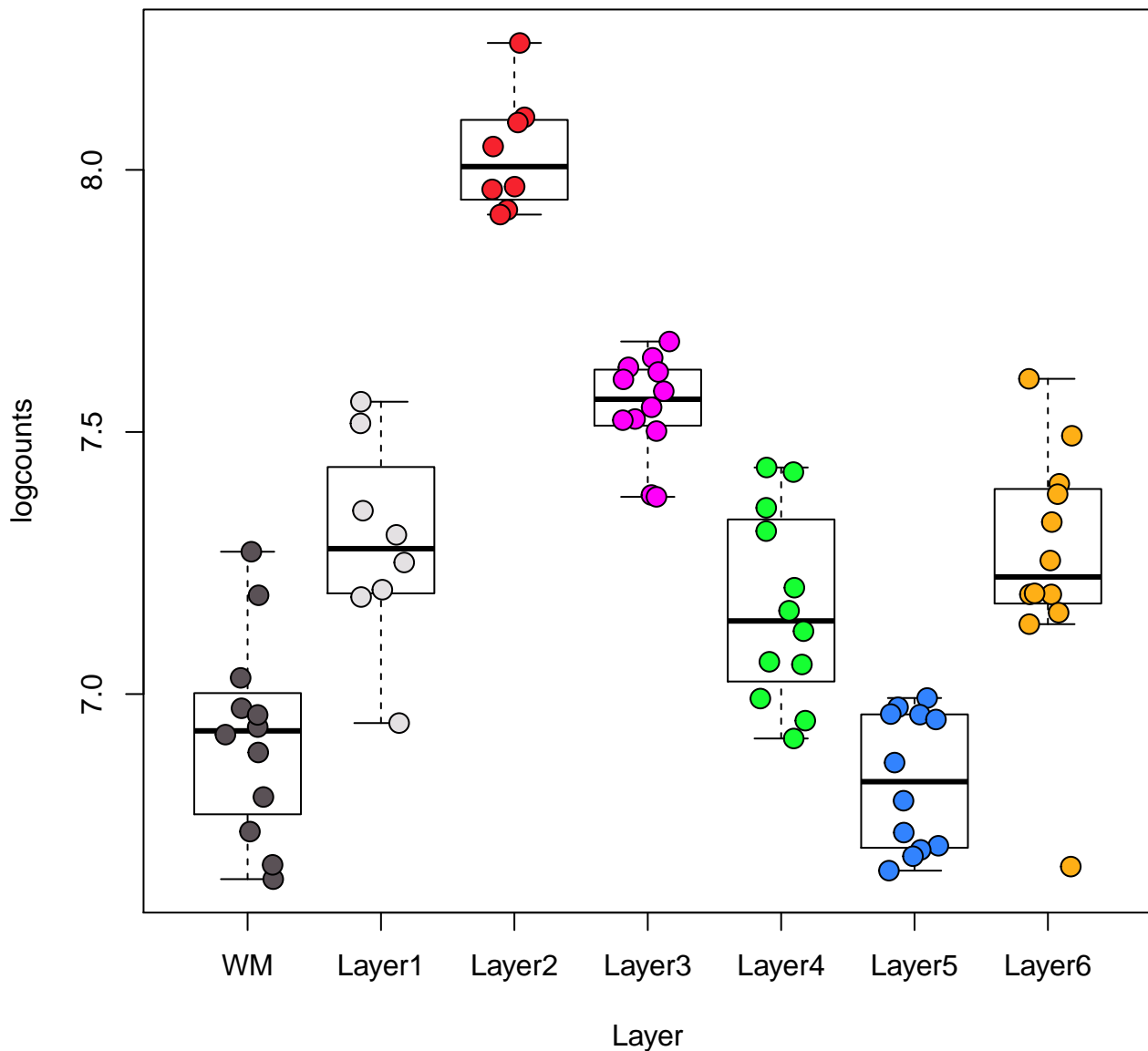
L2\_r3



# SIPA1L1 ENSG00000197555 Layer2

tstat 8.04e+00 p 8.88e-12

L2\_r4;L2-L5\_r5;L2-L1\_r7

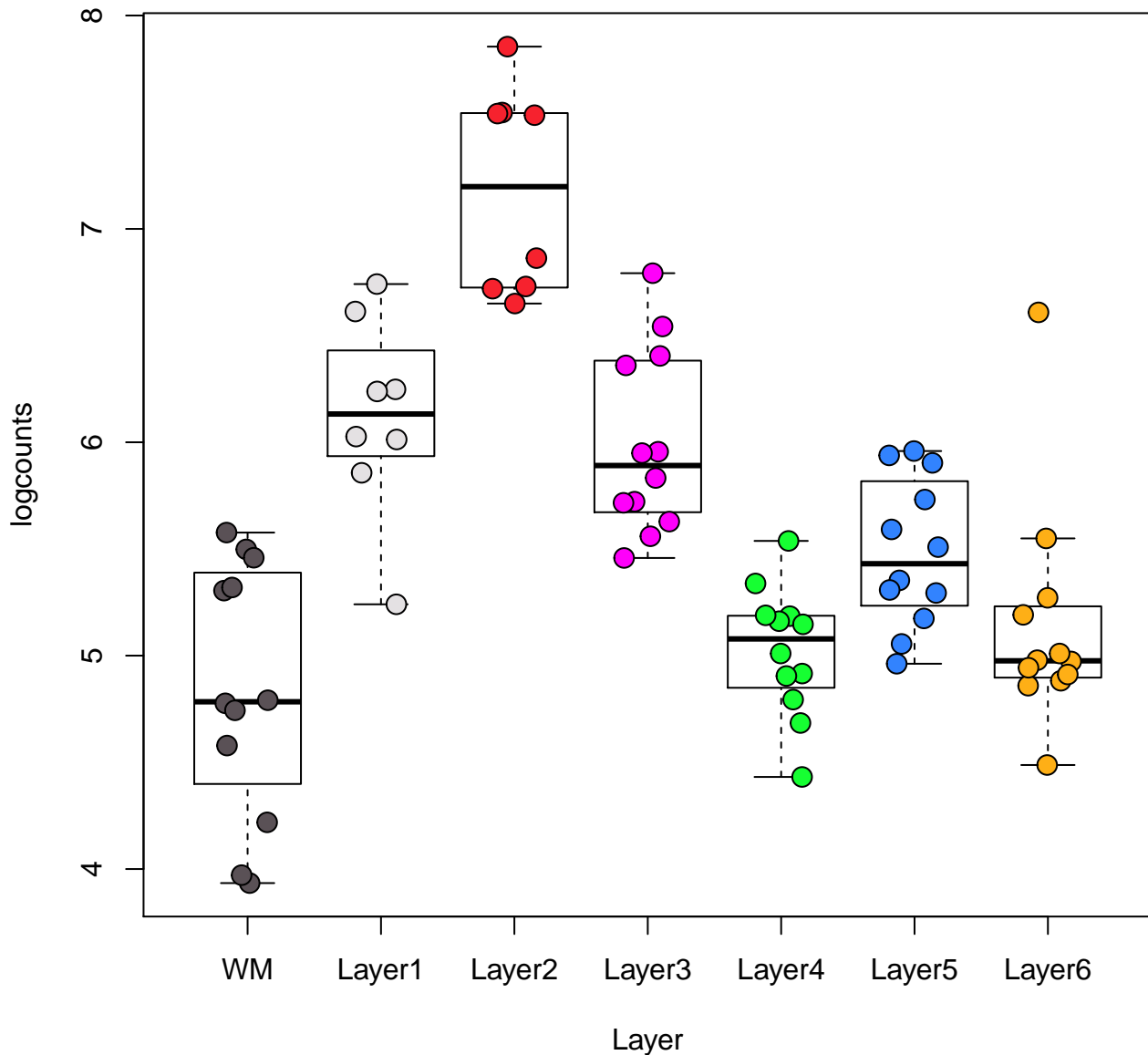




# MAN1A1 ENSG00000111885 Layer2

tstat 7.97e+00 p 1.20e-11

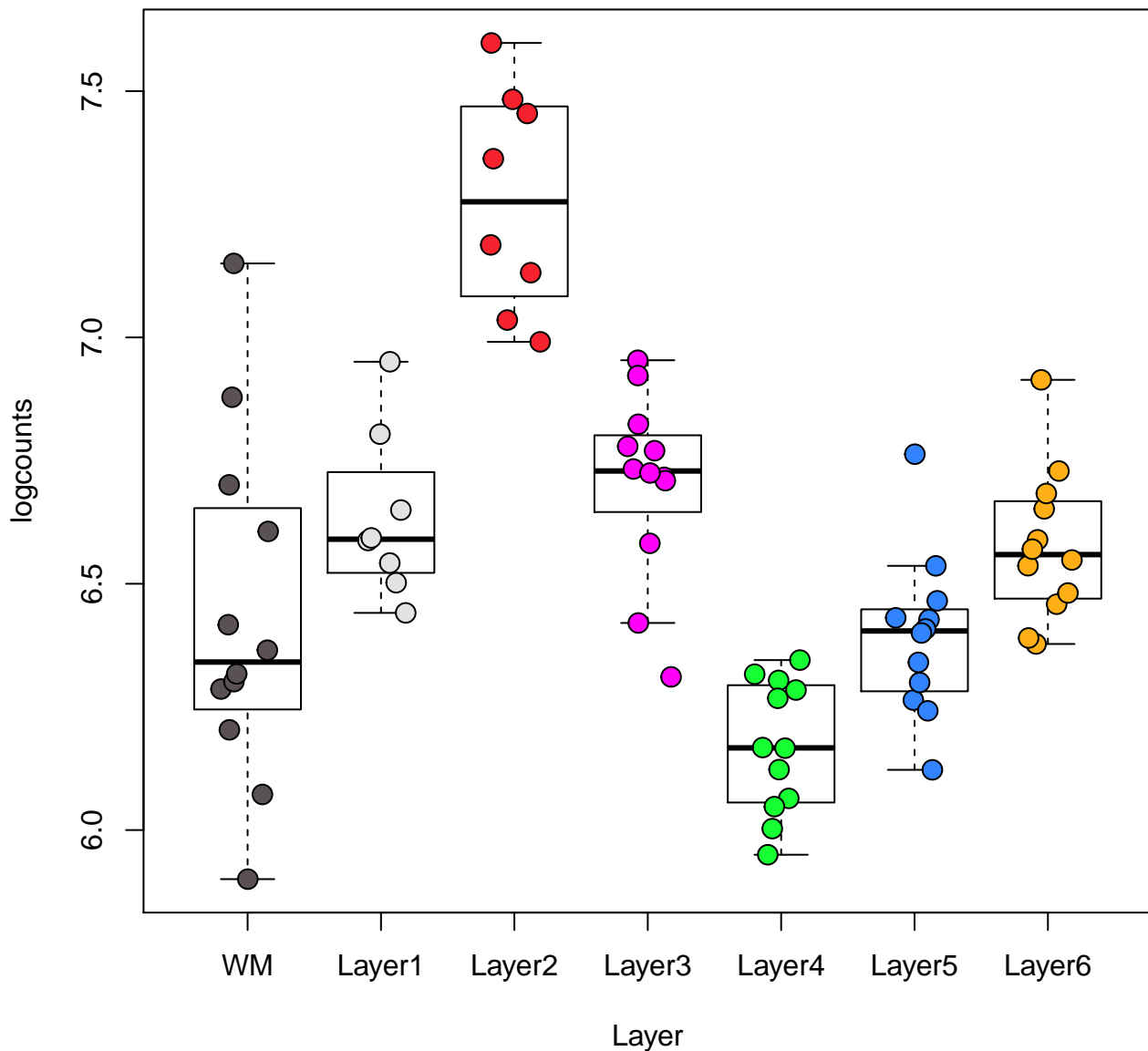
L2\_r5



# DDX54 ENSG00000123064 Layer2

tstat 7.89e+00 p 1.72e-11

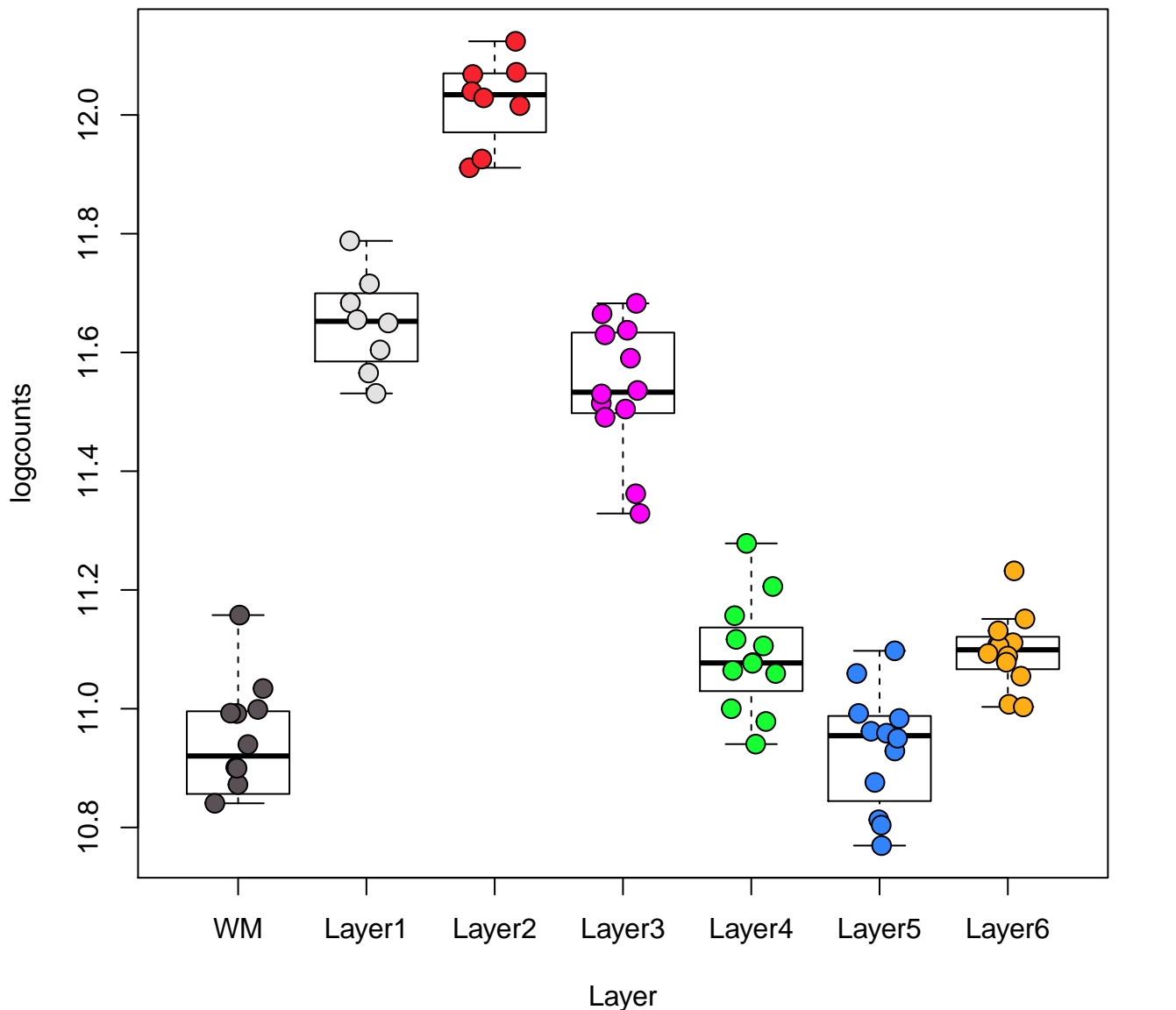
L2\_r6



# CAMK2N1 ENSG00000162545 Layer2

tstat 7.58e+00 p 6.66e-11

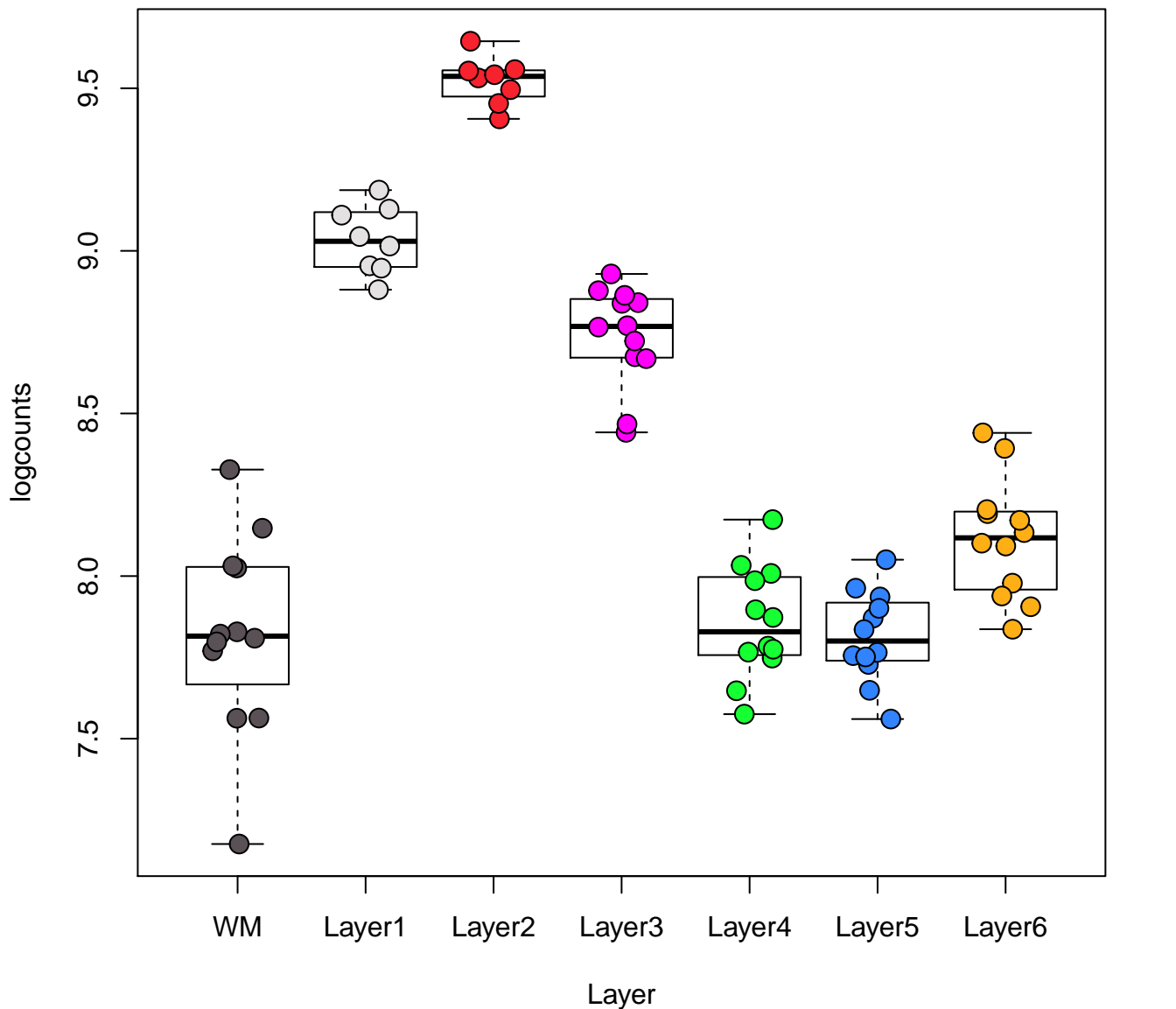
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# SERPINE2 ENSG00000135919 Layer2

tstat 7.53e+00 p 8.19e-11

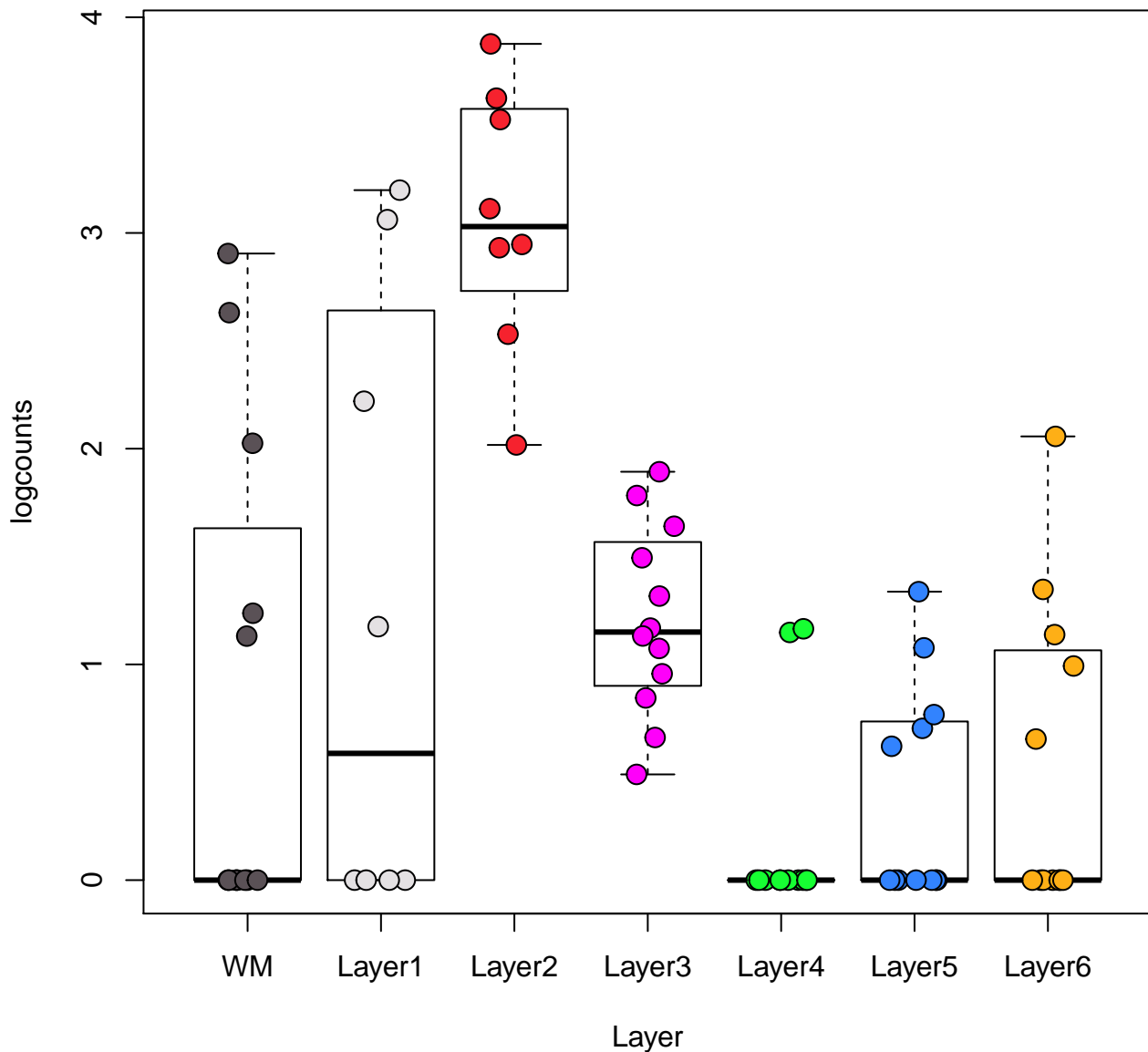
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



# PAX2 ENSG00000075891 Layer2

tstat 7.51e+00 p 9.22e-11

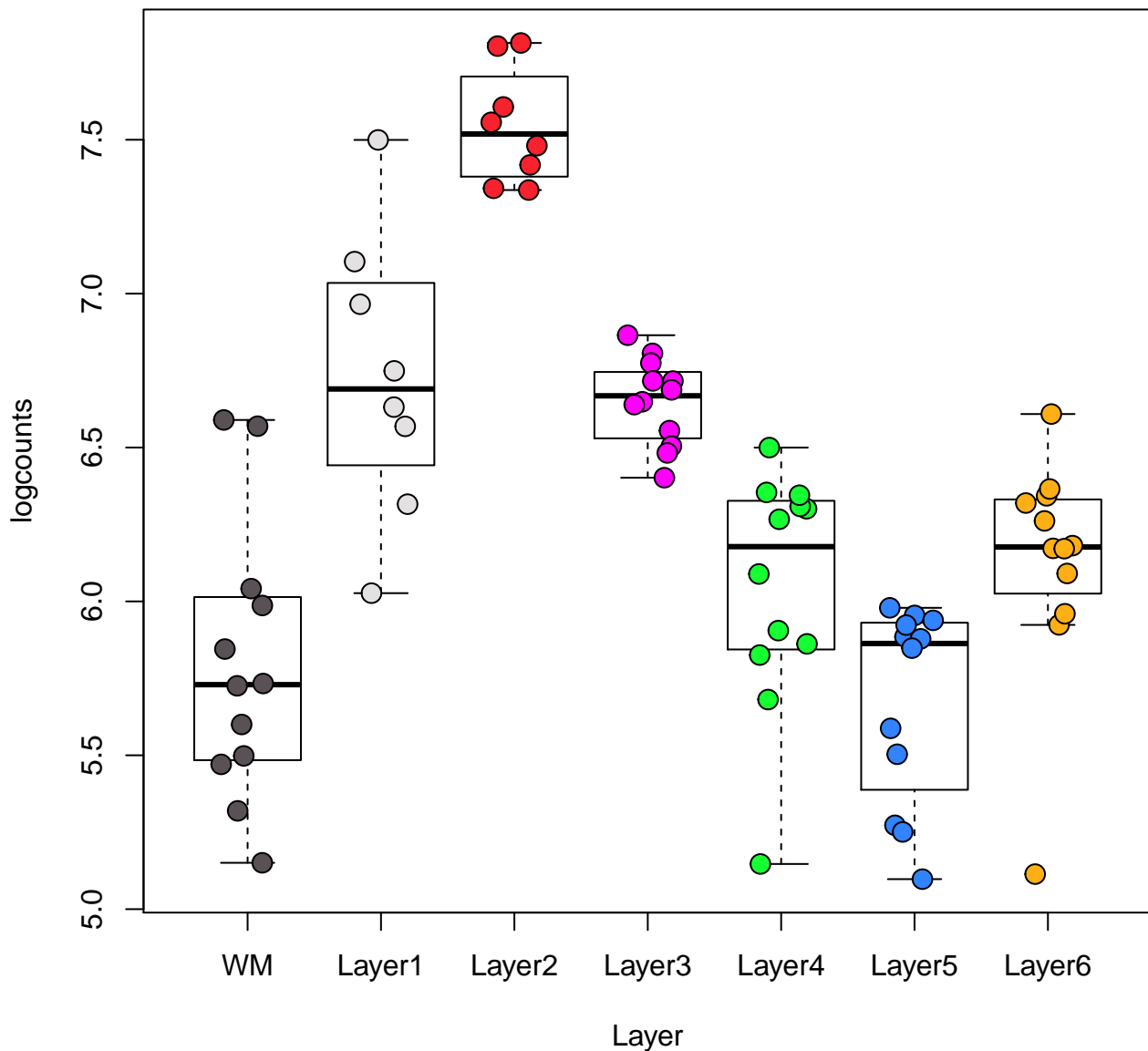
L2\_r9



# GNAL ENSG00000141404 Layer2

tstat 7.50e+00 p 9.64e-11

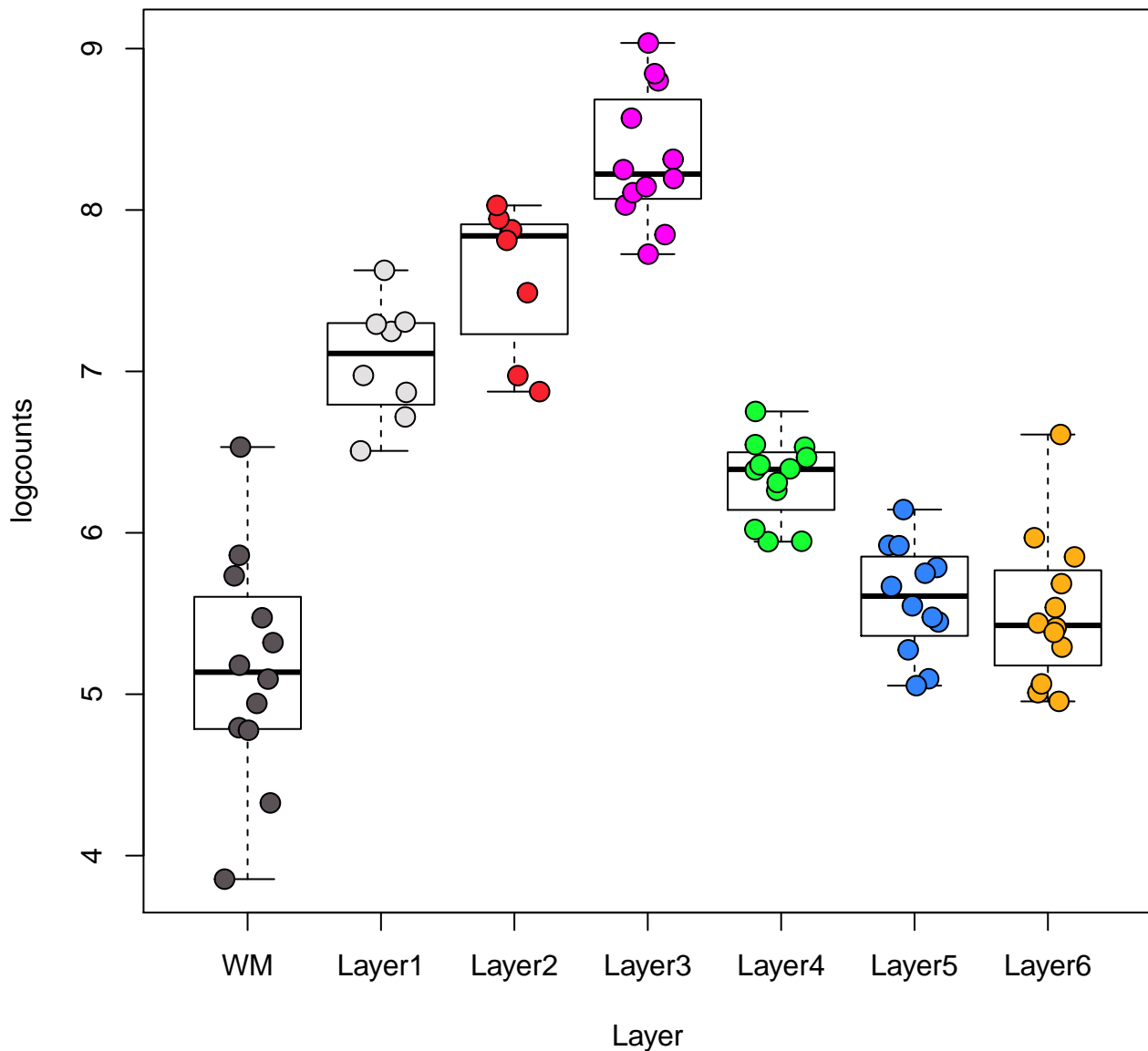
L2\_r10



# CARTPT ENSG00000164326 Layer3

tstat 8.36e+00 p 2.07e-12

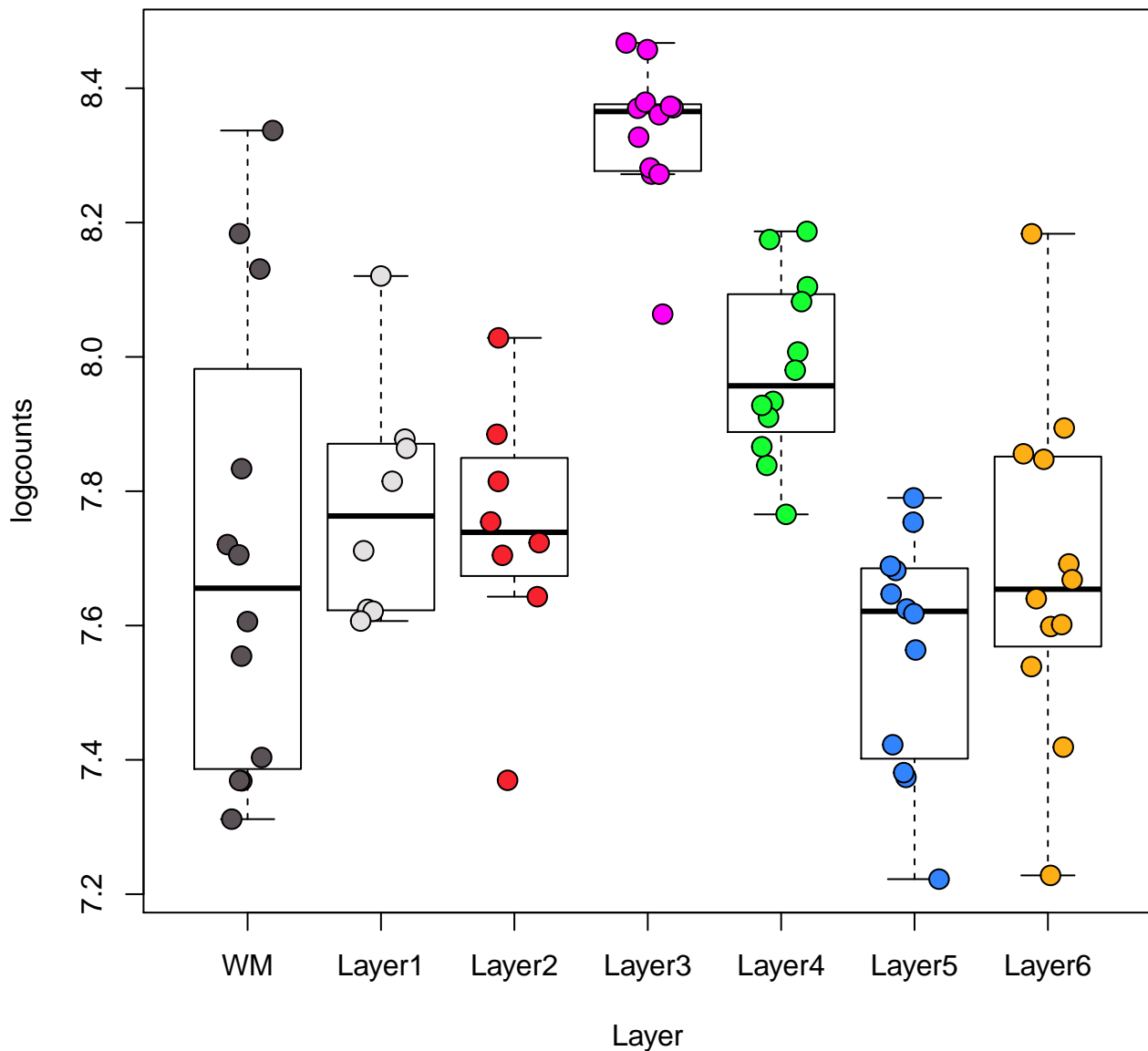
L3\_r1;L3-L4\_r3;L3-L5\_r1;L3-L6\_r1;L3-WM\_r3



# BAIAP3 ENSG0000007516 Layer3

tstat 7.85e+00 p 1.98e-11

L3\_r2

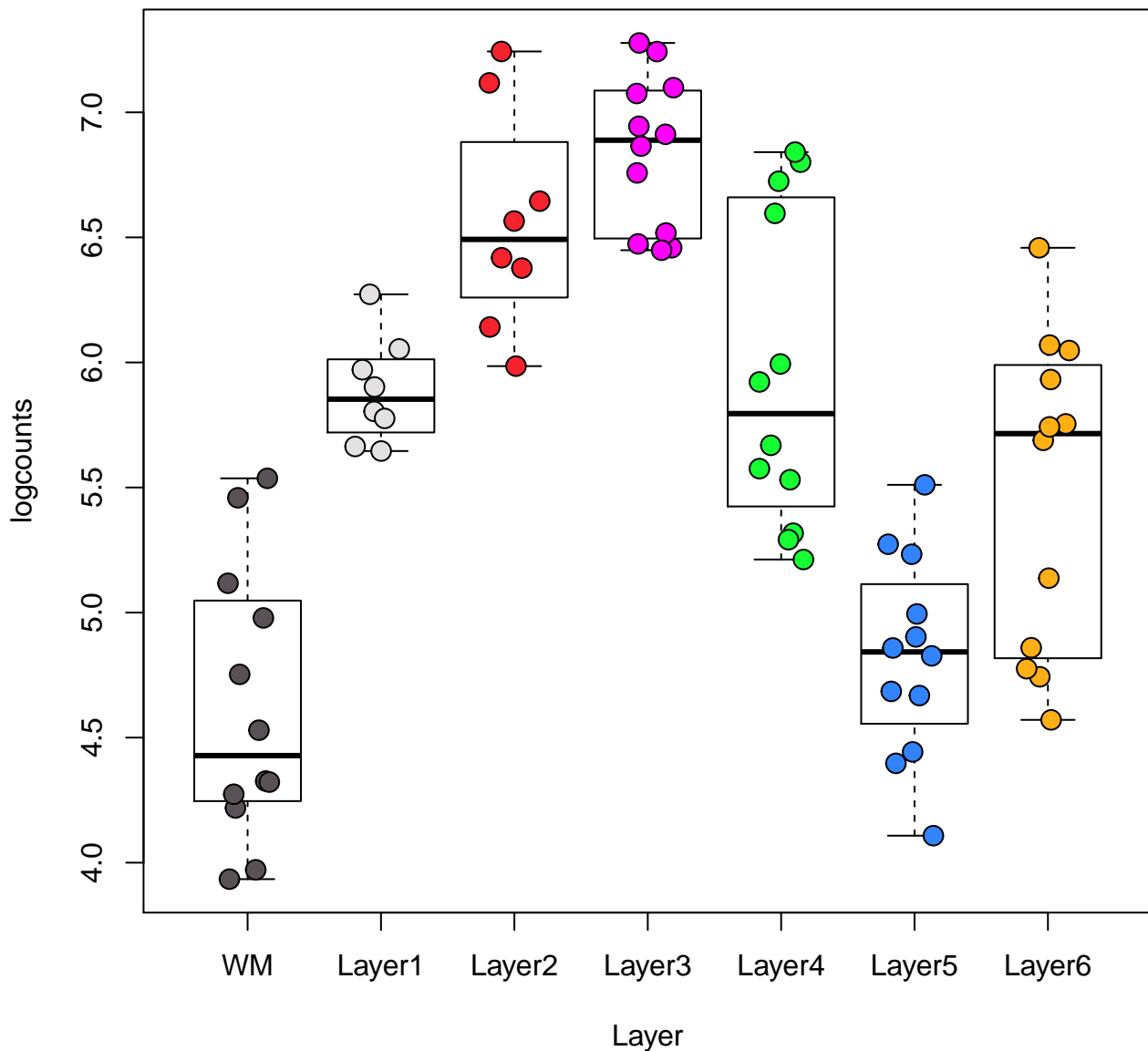




# ADCYAP1 ENSG00000141433 Layer3

tstat 6.13e+00 p 3.57e-08

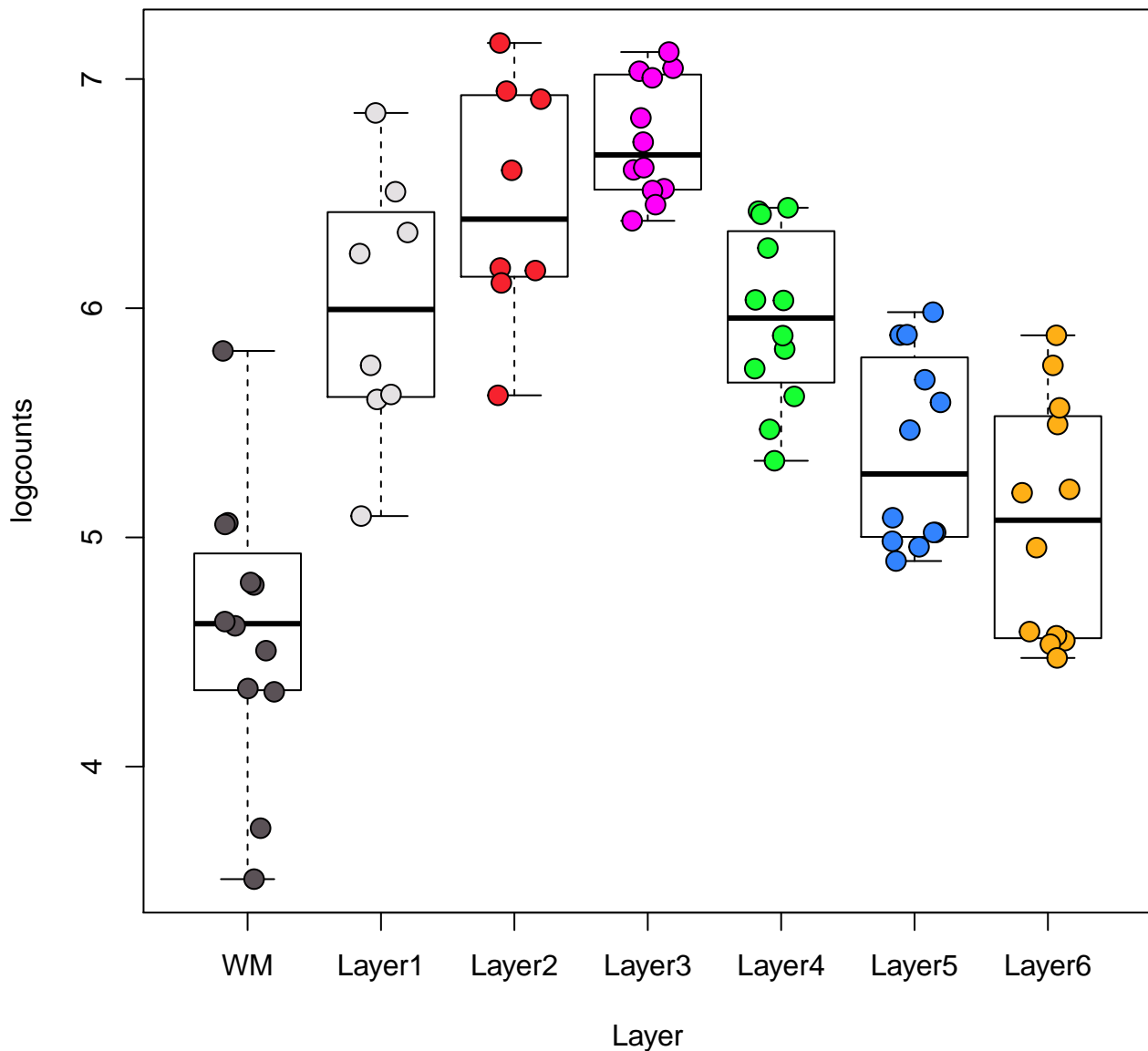
L3\_r3



# LINC01007 ENSG00000233123 Layer3

tstat 6.05e+00 p 4.98e-08

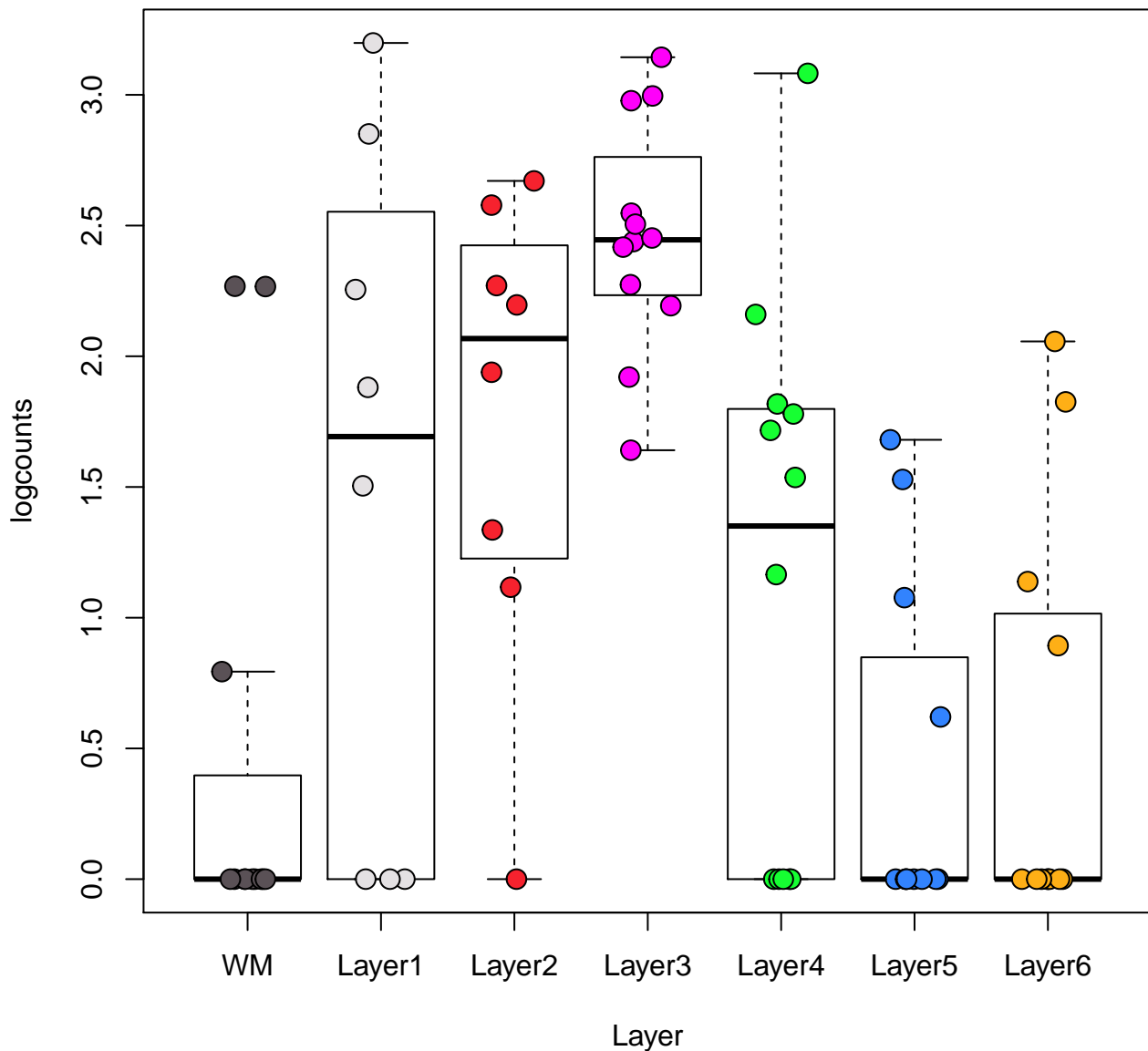
L3\_r4



# CNGB1 ENSG00000070729 Layer3

tstat 5.45e+00 p 5.90e-07

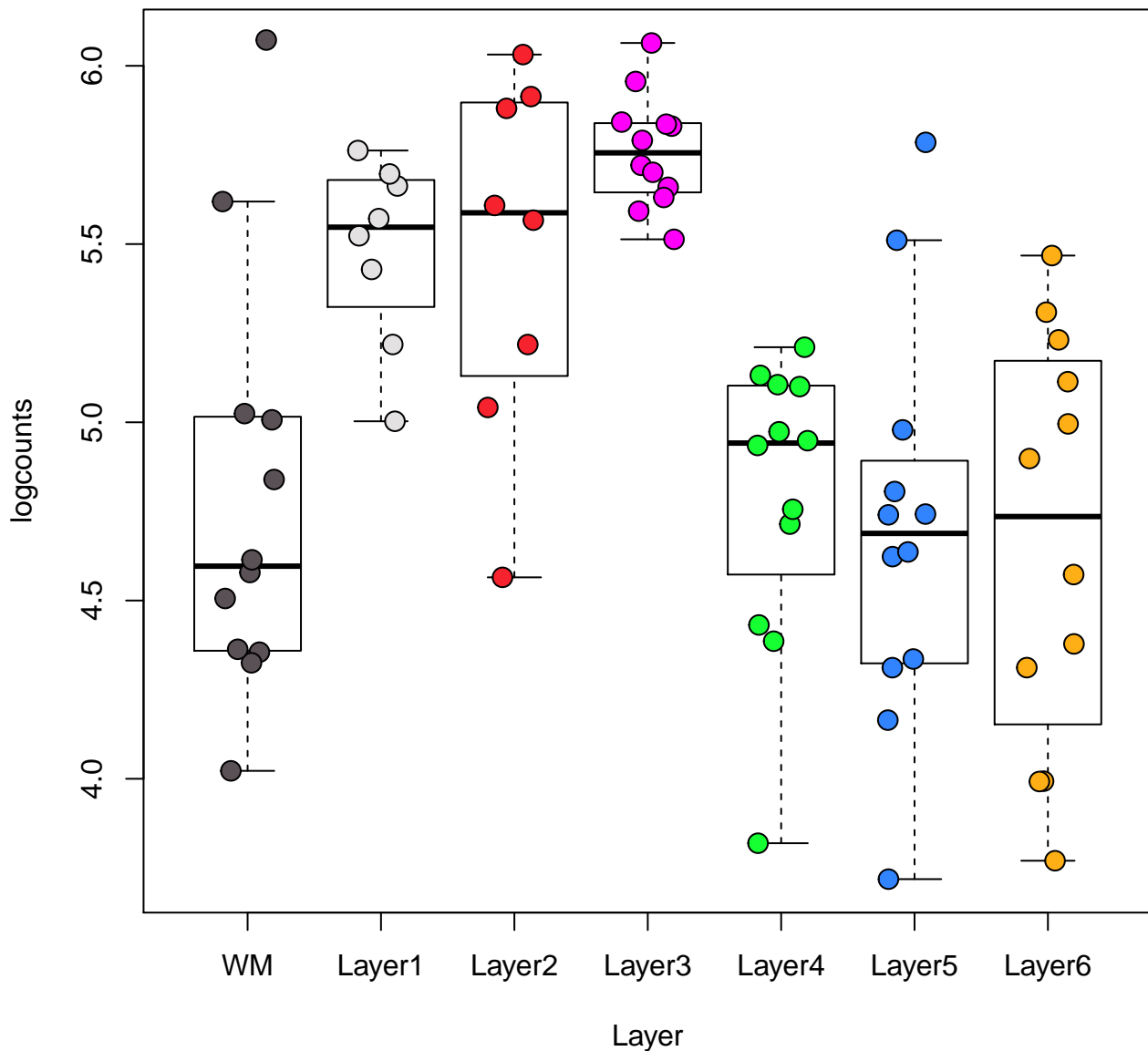
L3\_r5



# SPON2 ENSG00000159674 Layer3

tstat 5.38e+00 p 7.74e-07

L3\_r6

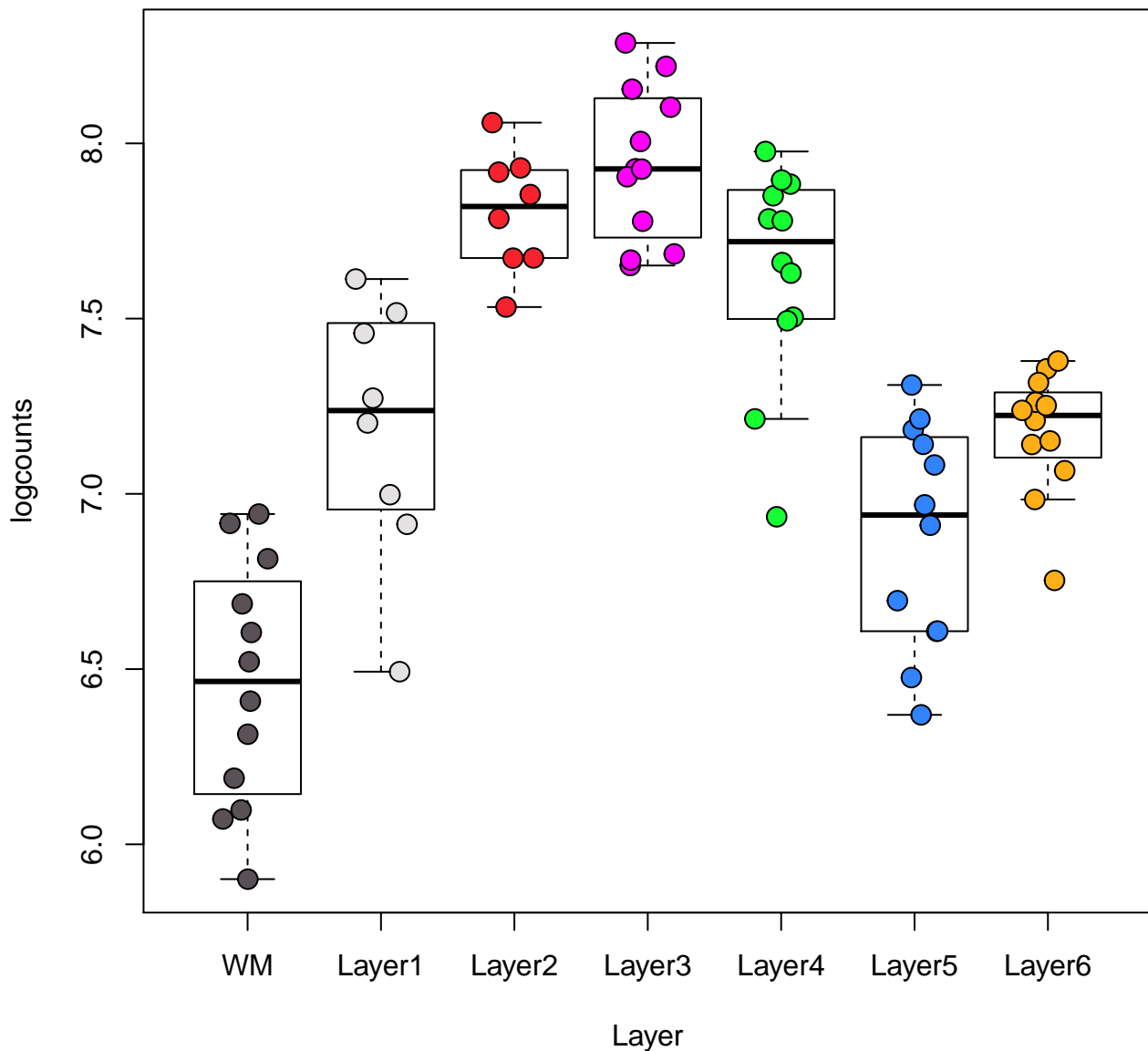




# CA10 ENSG00000154975 Layer3

tstat 5.29e+00 p 1.12e-06

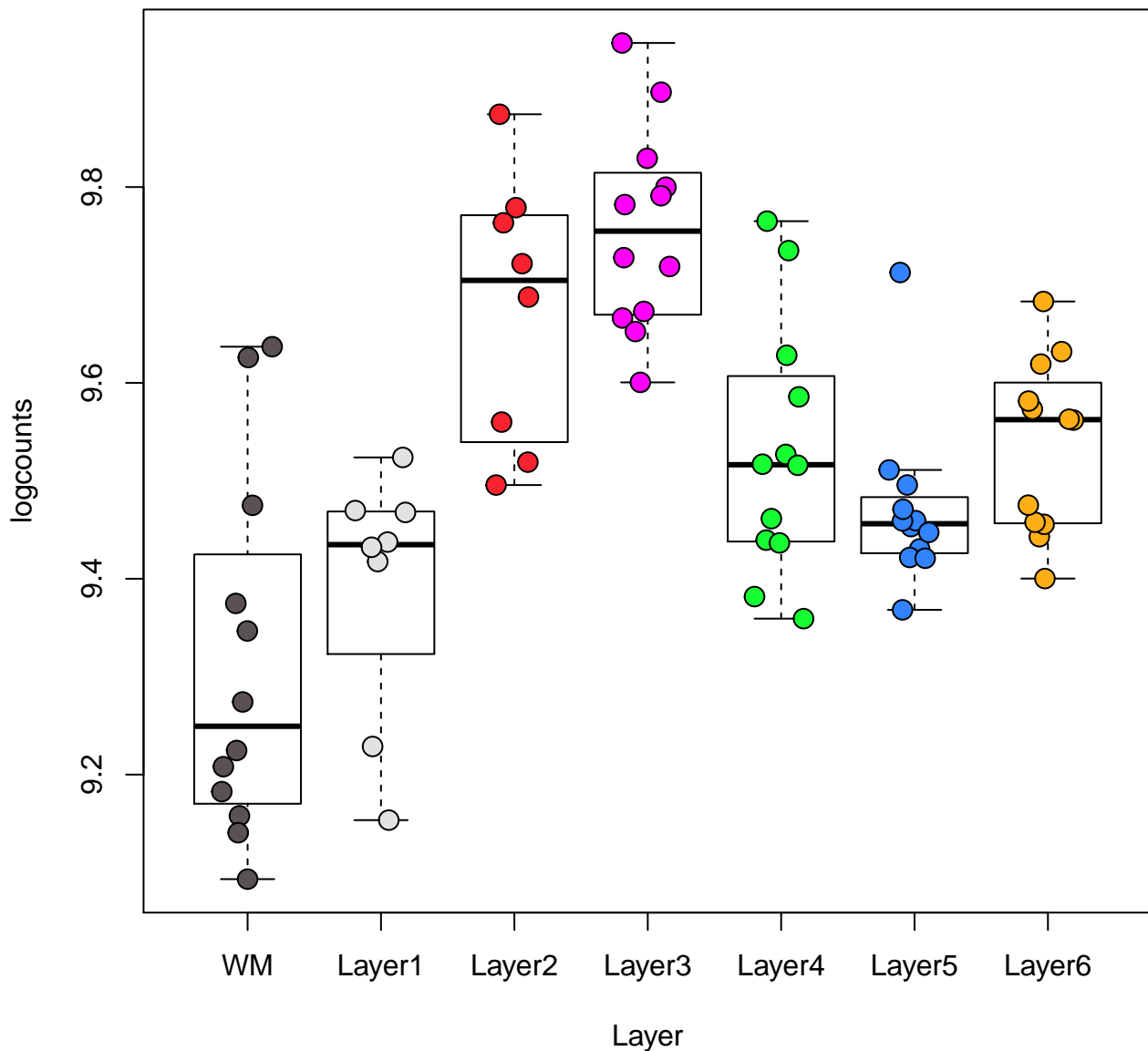
L3\_r8;L4-L5\_r4



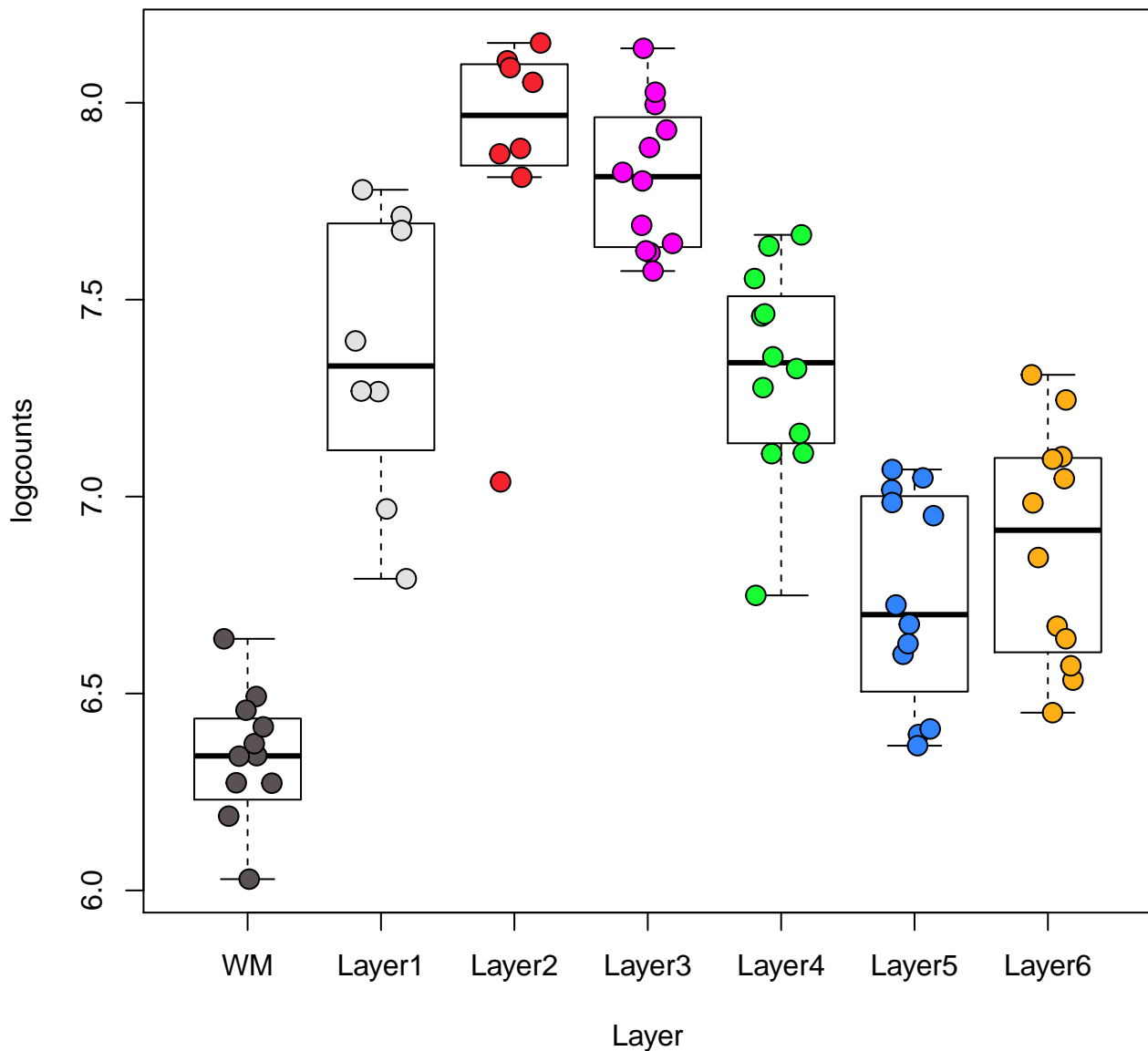
# SNX3 ENSG00000112335 Layer3

tstat 5.28e+00 p 1.18e-06

L3\_r9



**L3\_r10;L3-WM\_r10**

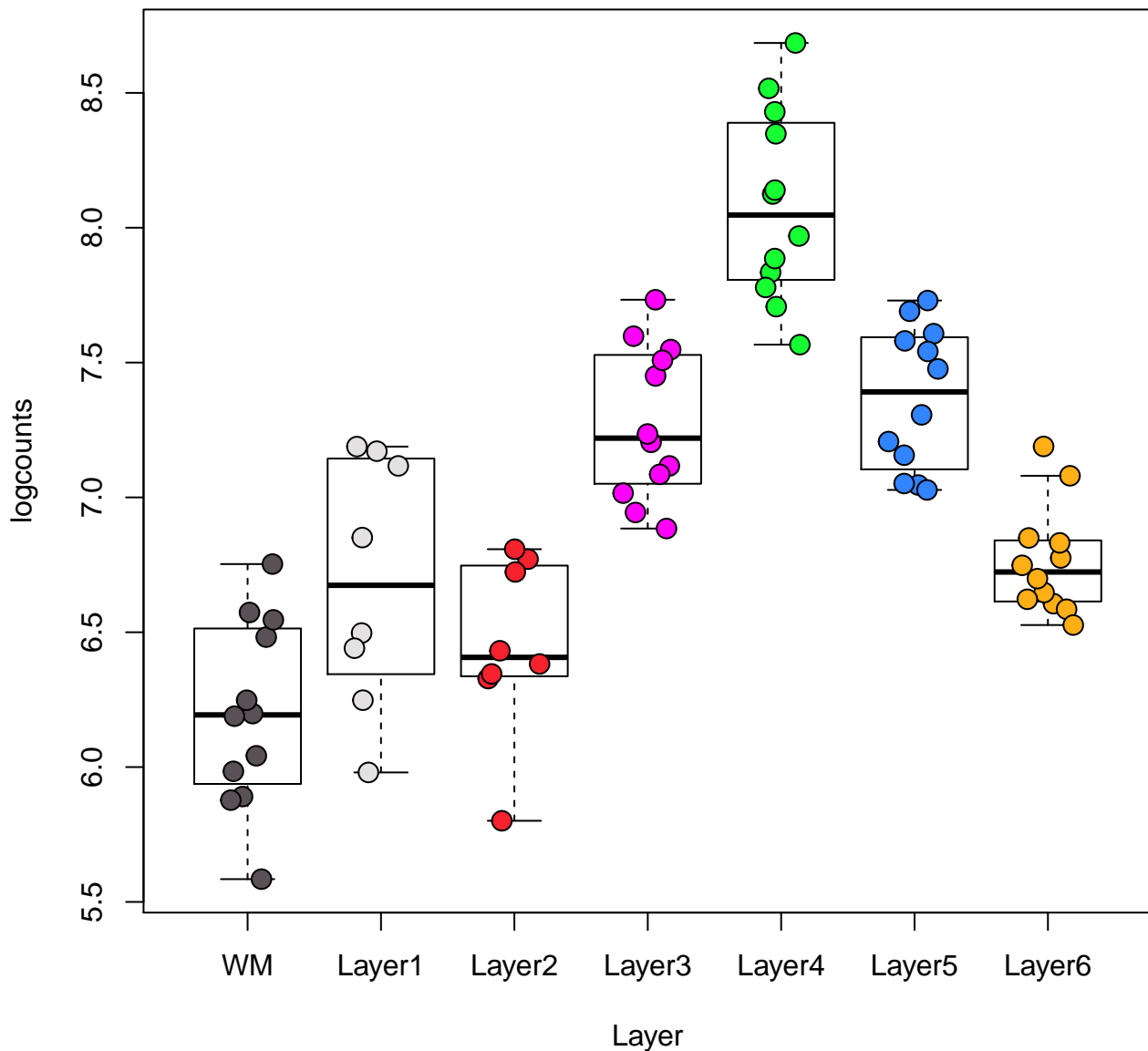




# VAMP1 ENSG00000139190 Layer4

tstat 8.32e+00 p 2.50e-12

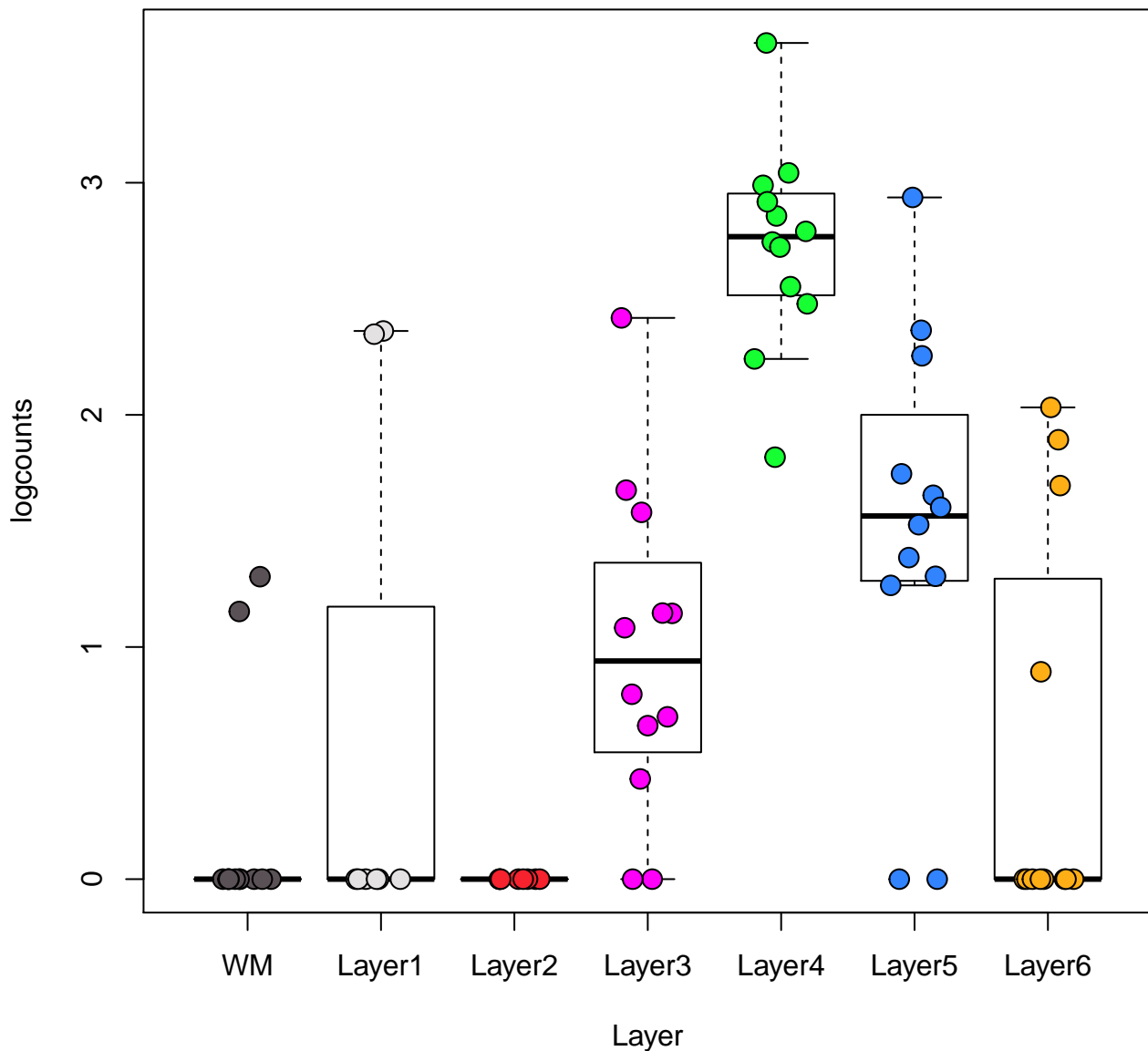
L4\_r1;L4-L6\_r5;L4-WM\_r9;L4-L1\_r9;L4-L2\_r3;L4-L3\_r3



# GUCA1C ENSG00000138472 Layer4

tstat 8.19e+00 p 4.43e-12

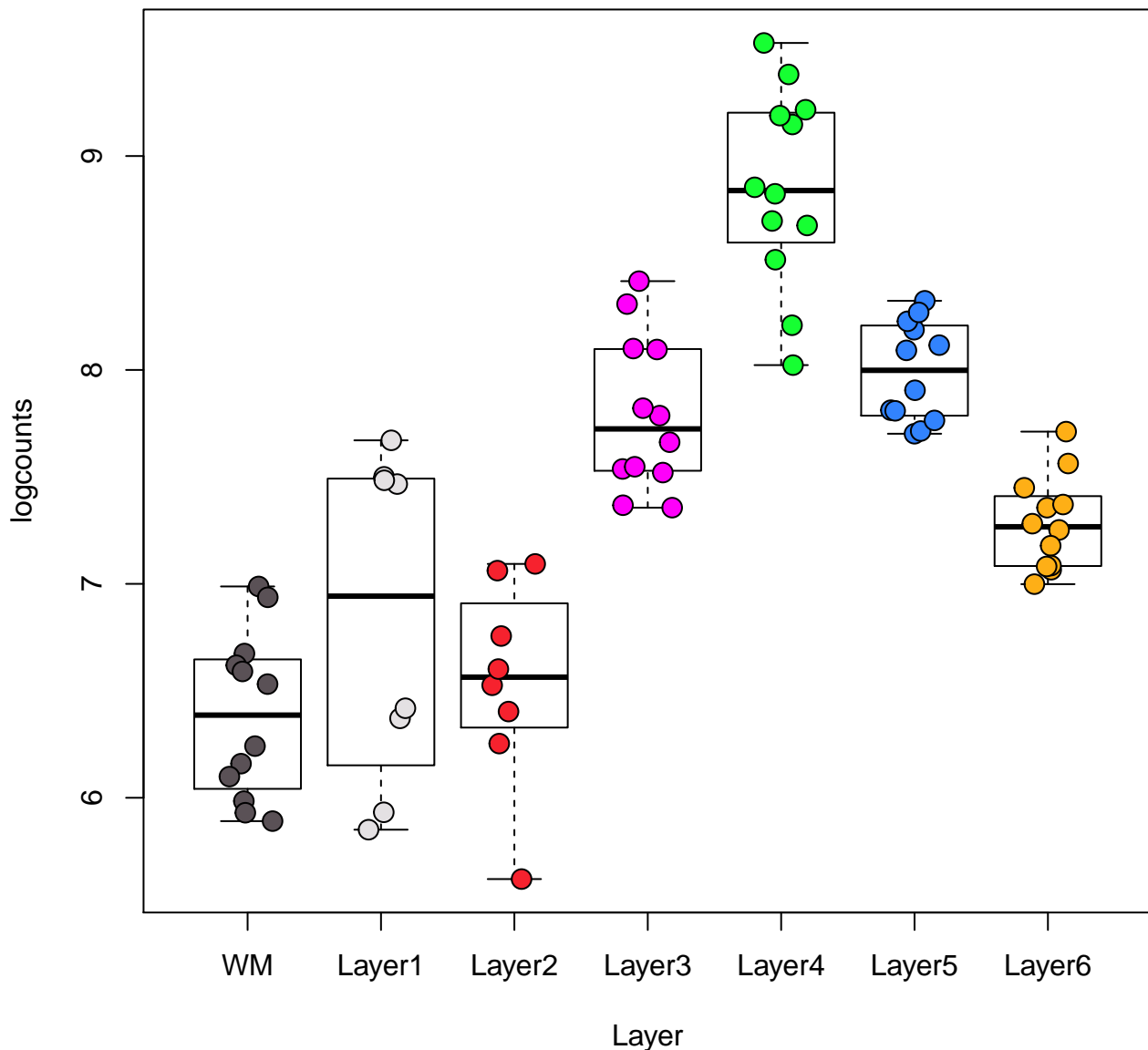
L4\_r2;L4-L3\_r8



# NEFH ENSG00000100285 Layer4

tstat 7.74e+00 p 3.25e-11

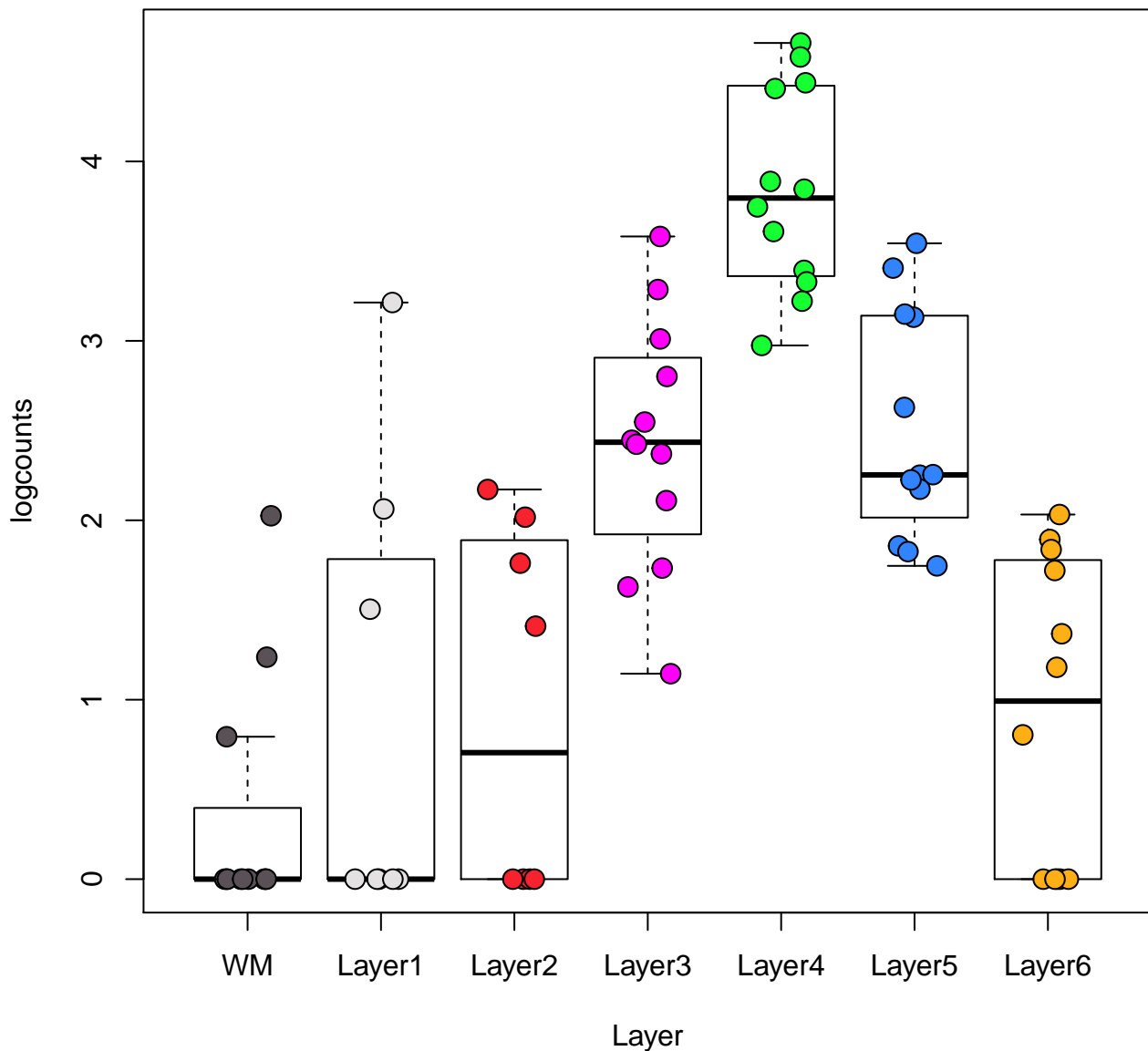
L4\_r3;L4-L1\_r8;L3-L2\_r9;L4-L2\_r2;L4-L3\_r5



# LINC01827 ENSG00000234919 Layer4

tstat 7.21e+00 p 3.41e-10

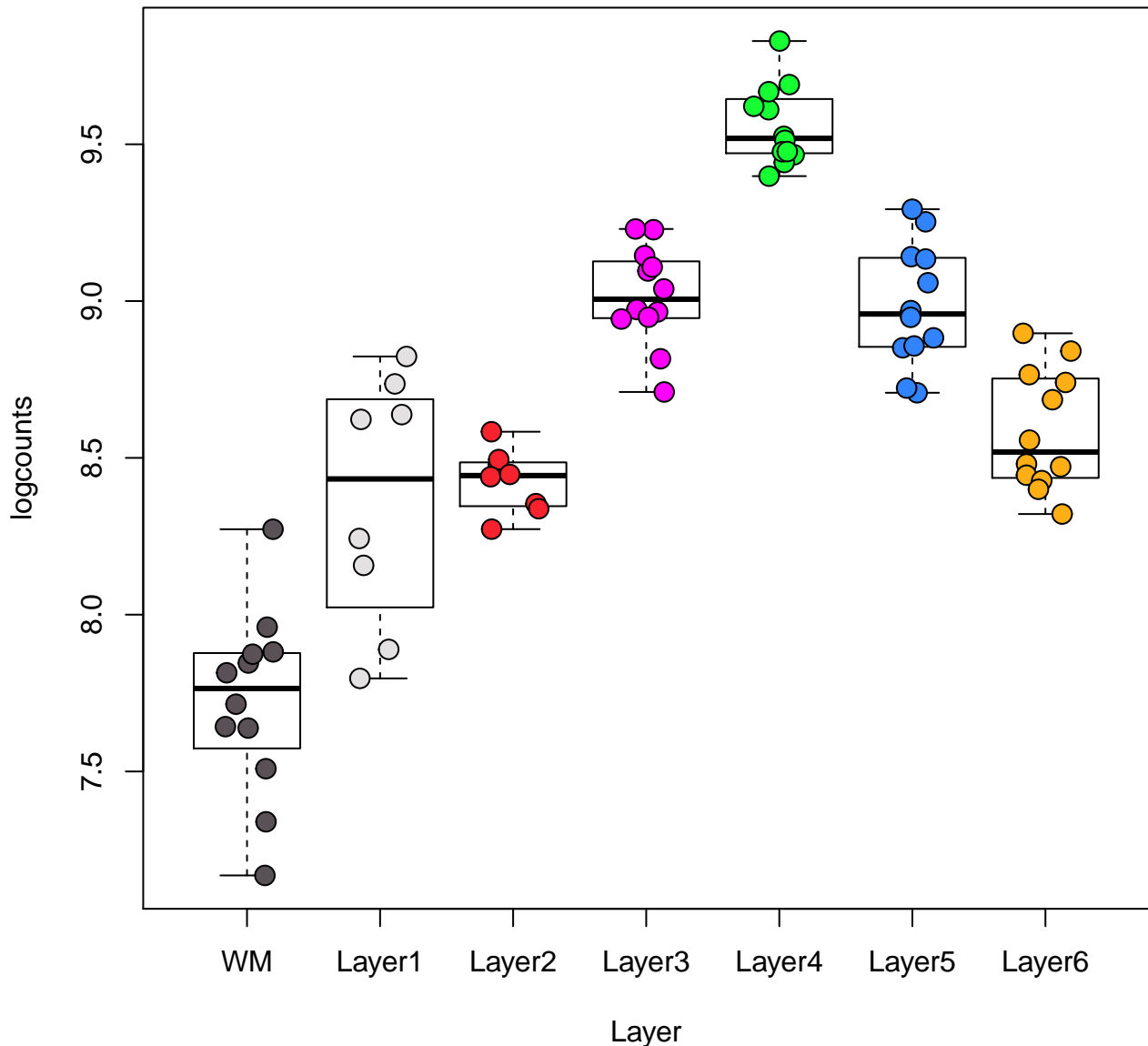
L4\_r4



# SCN1B ENSG00000105711 Layer4

tstat 6.95e+00 p 1.04e-09

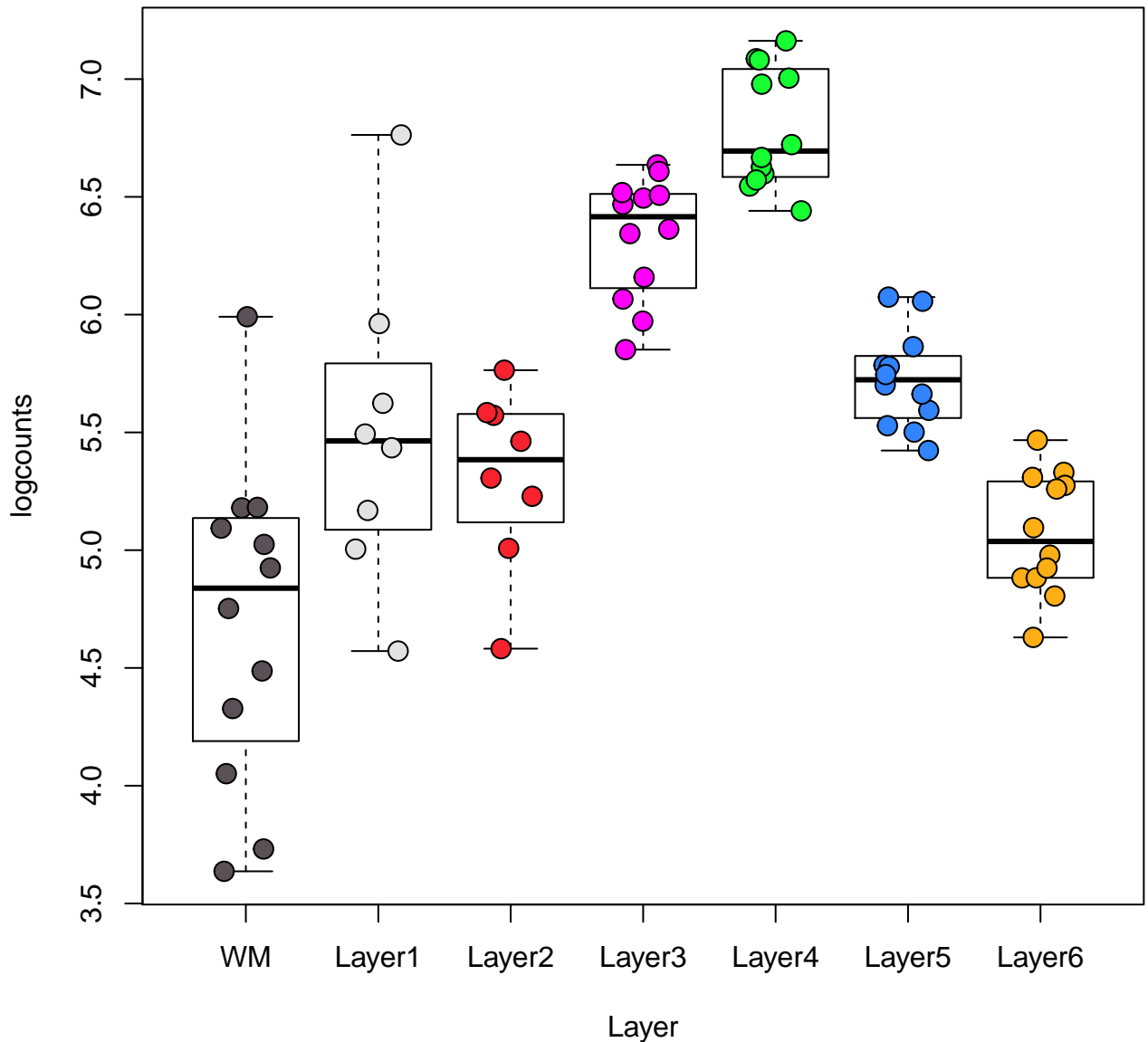
L4\_r5;L4-L5\_r10;L4-L6\_r7;L4-WM\_r1;L4-L1\_r6;L4-L2\_r6;L4-L3\_r10



**NGB ENSG00000165553 Layer4**

**tstat 6.85e+00 p 1.61e-09**

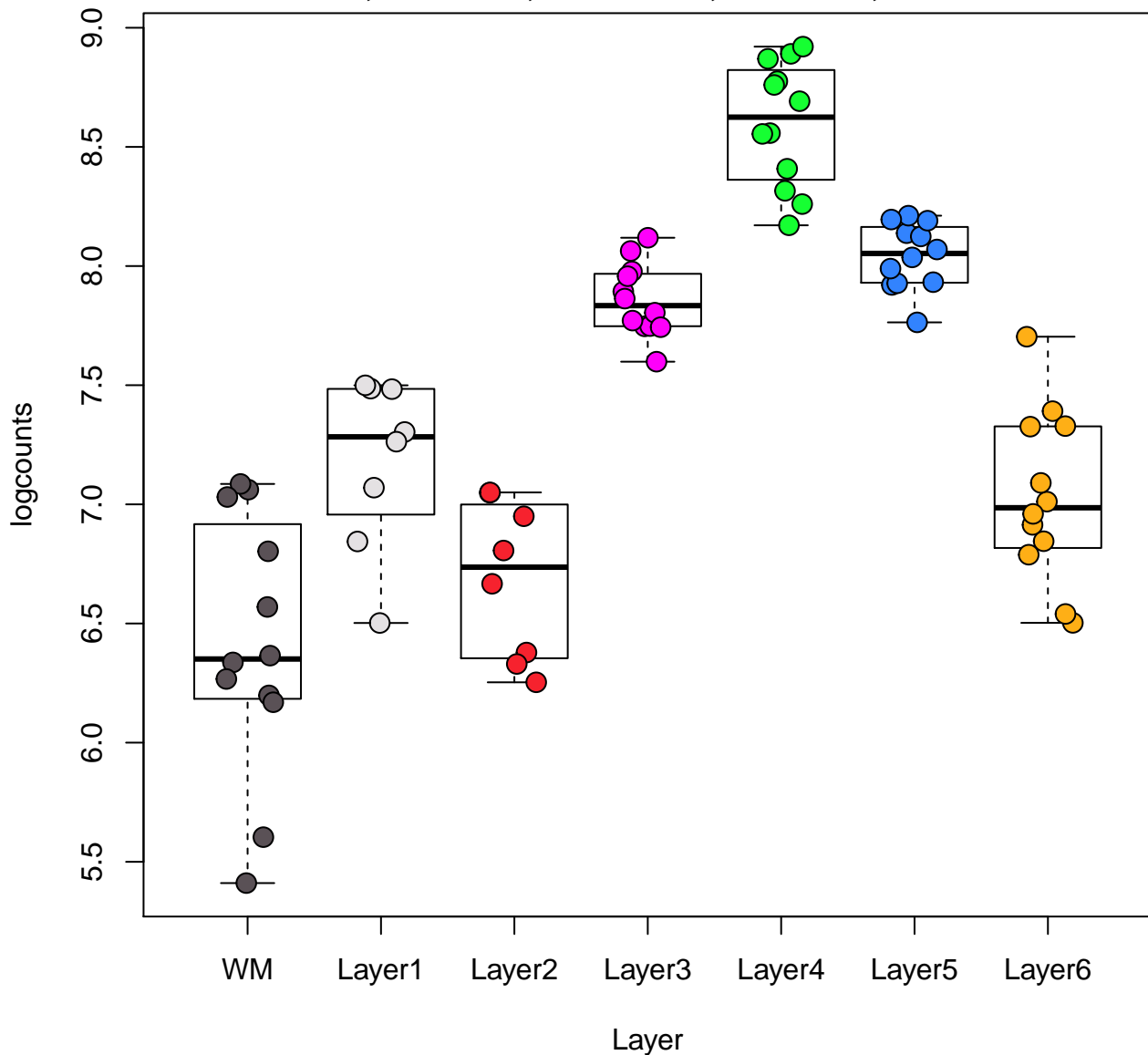
**L4\_r6;L4-L5\_r7;L4-L6\_r9**



# PVALB ENSG00000100362 Layer4

tstat 6.83e+00 p 1.74e-09

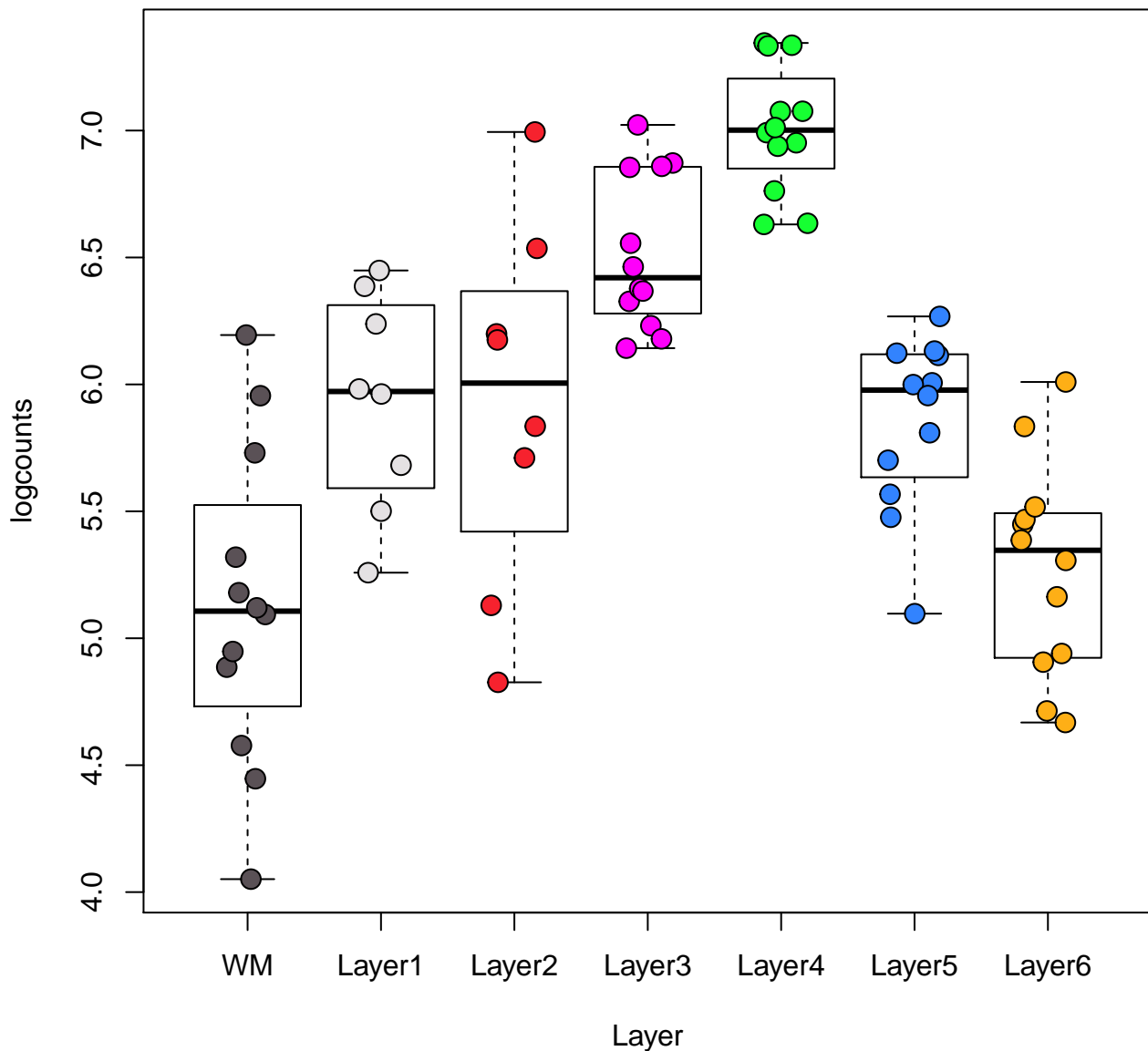
L4\_r7;L4-L6\_r2;L4-WM\_r6;L3-L2\_r2;L4-L2\_r1



TPBG ENSG00000146242 Layer4

tstat 6.75e+00 p 2.50e-09

L4\_r8;L4-L5\_r5

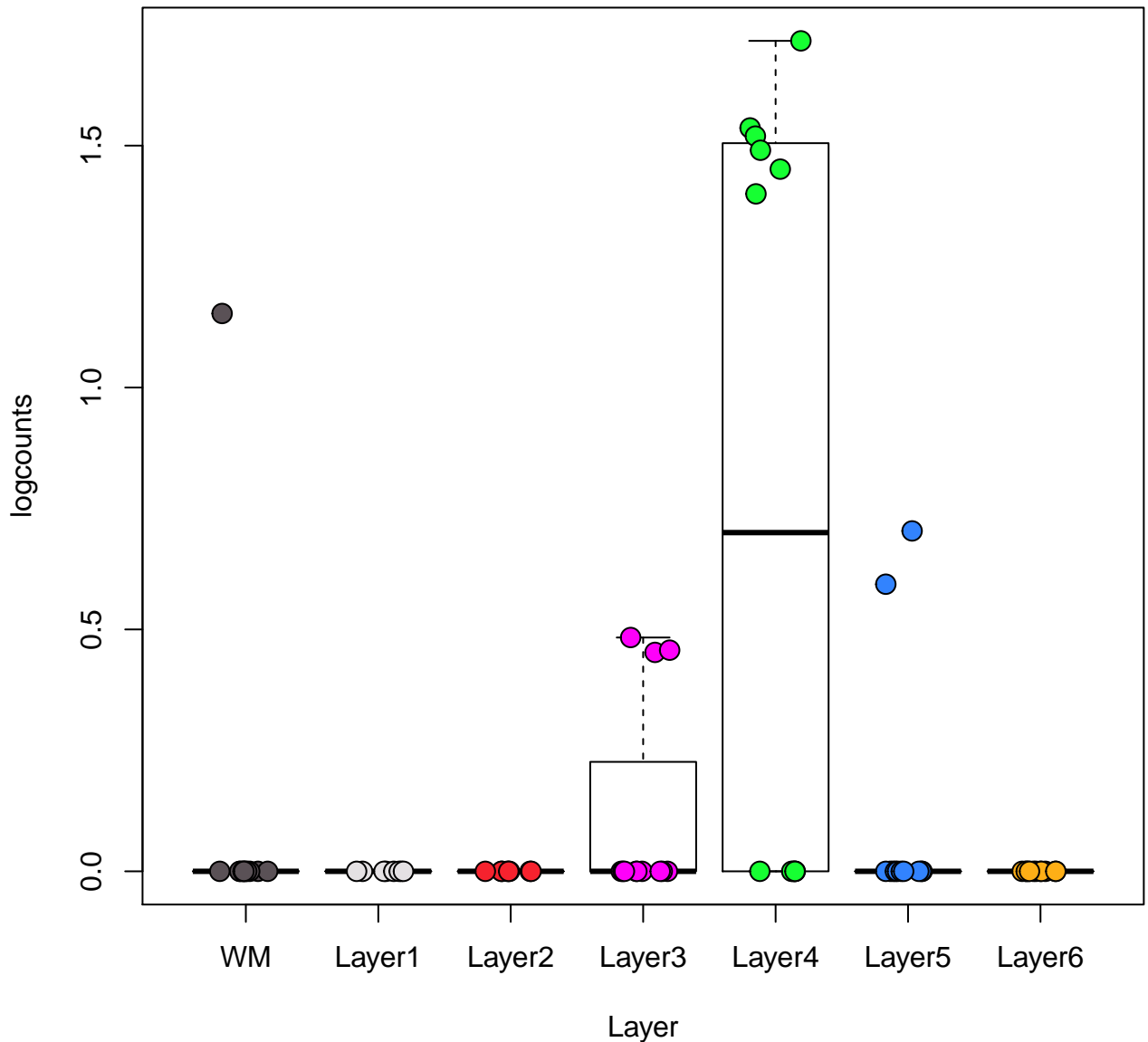




# SLC5A12 ENSG00000148942 Layer4

tstat 6.31e+00 p 1.66e-08

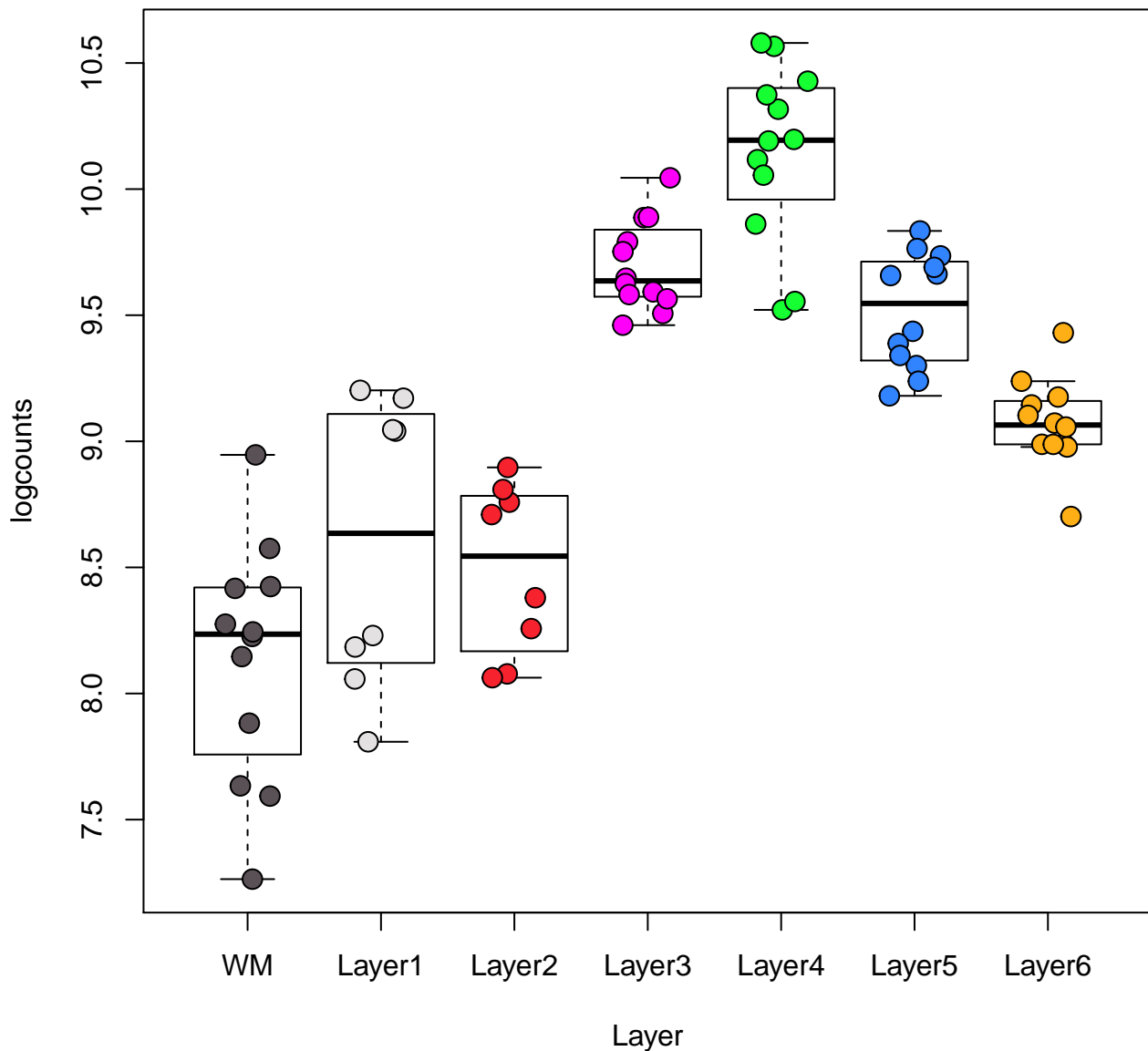
L4\_r9



# NEFM ENSG00000104722 Layer4

tstat 6.12e+00 p 3.72e-08

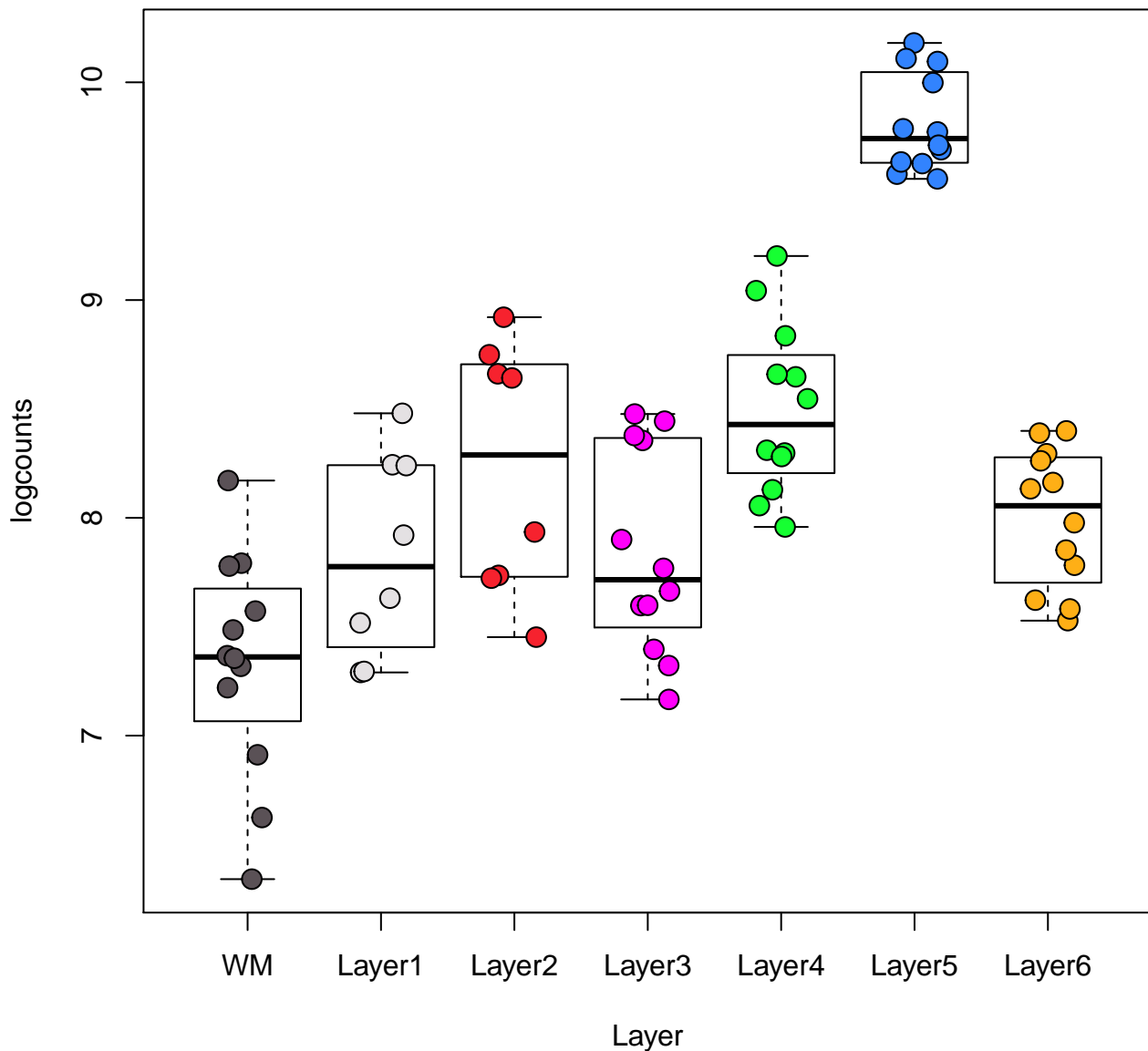
L4\_r10;L3-L2\_r1;L4-L2\_r8



# PCP4 ENSG00000183036 Layer5

tstat 1.21e+01 p 1.81e-19

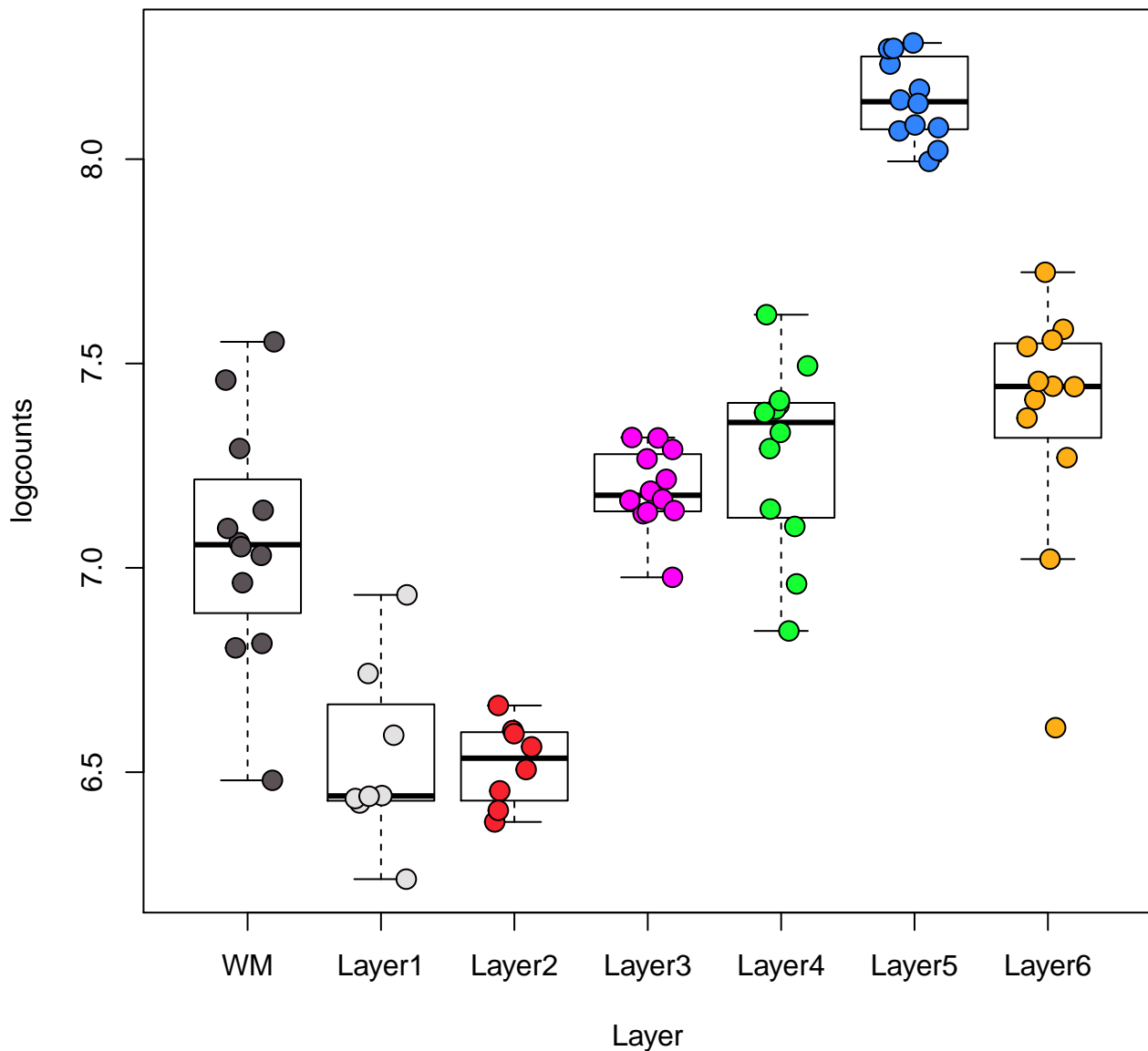
L5\_r1;L5-L6\_r2;L5-WM\_r3;L5-L3\_r4;L5-L4\_r6



# CAMK2D ENSG00000145349 Layer5

tstat 9.84e+00 p 3.05e-15

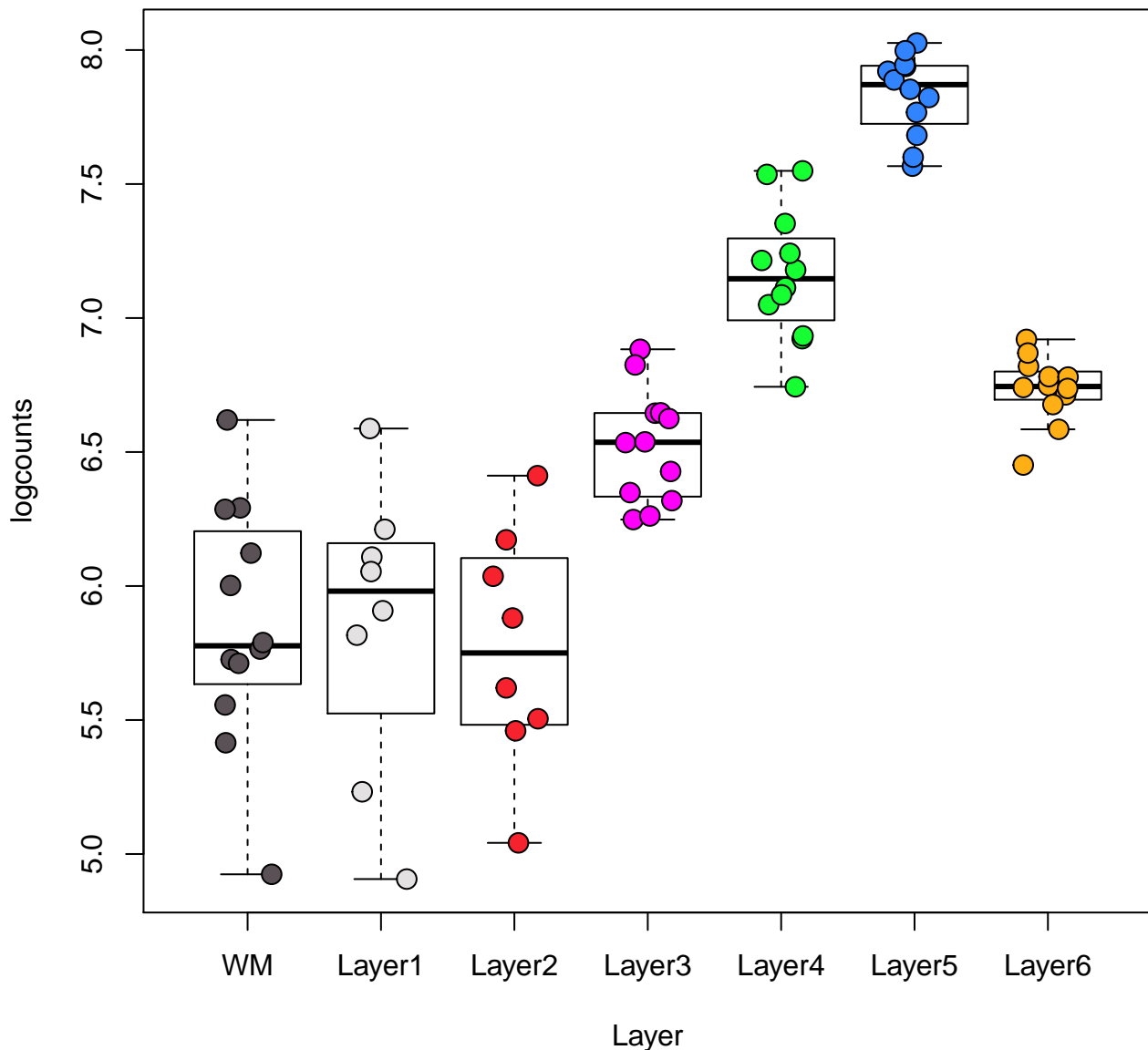
L5\_r2;L5-L6\_r8;L5-L1\_r2;L5-L2\_r2;L5-L4\_r2



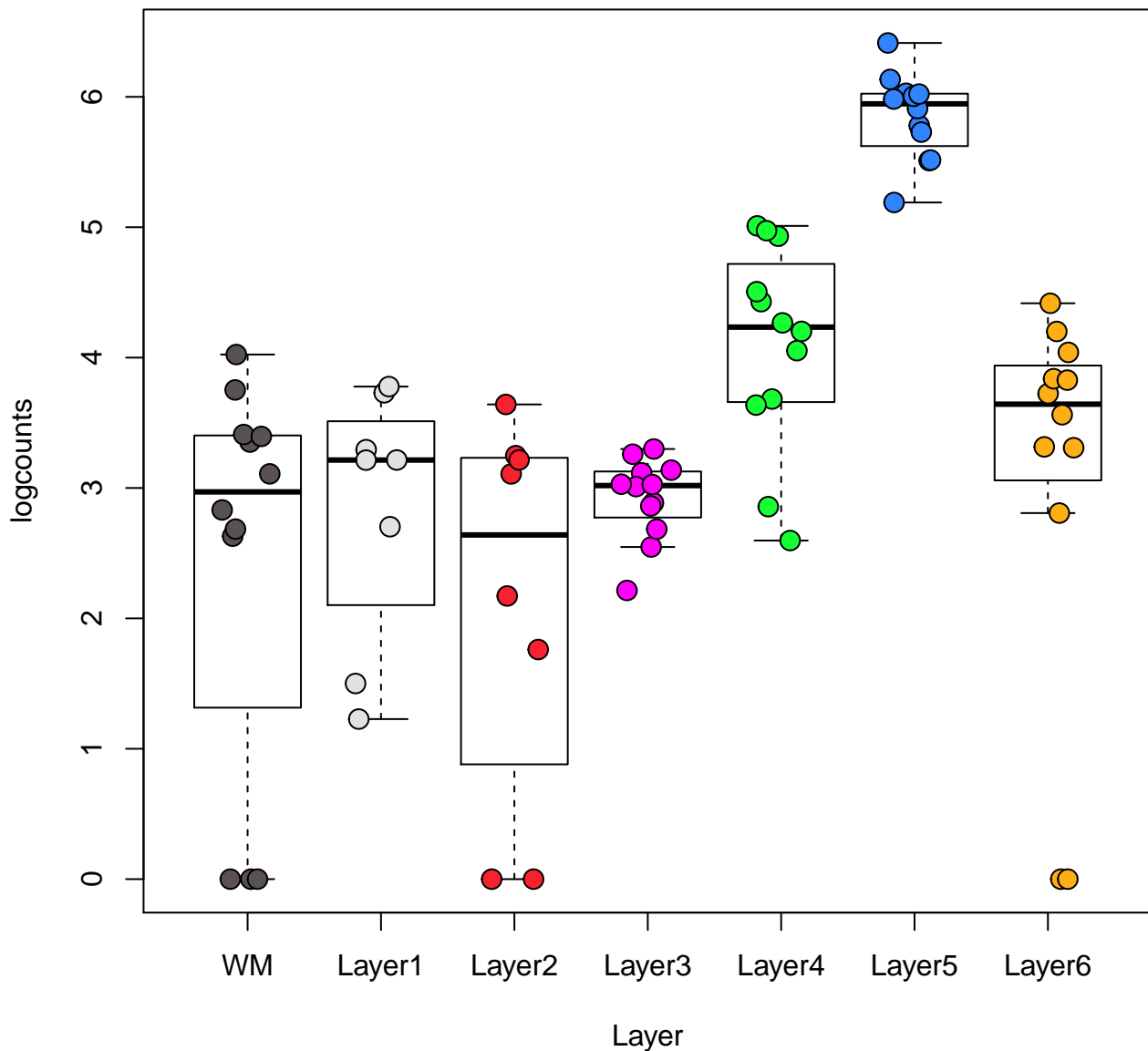
# SMYD2 ENSG00000143499 Layer5

tstat 8.23e+00 p 3.76e-12

L5\_r3;L5-L6\_r7;L5-WM\_r8;L5-L1\_r6;L5-L2\_r4



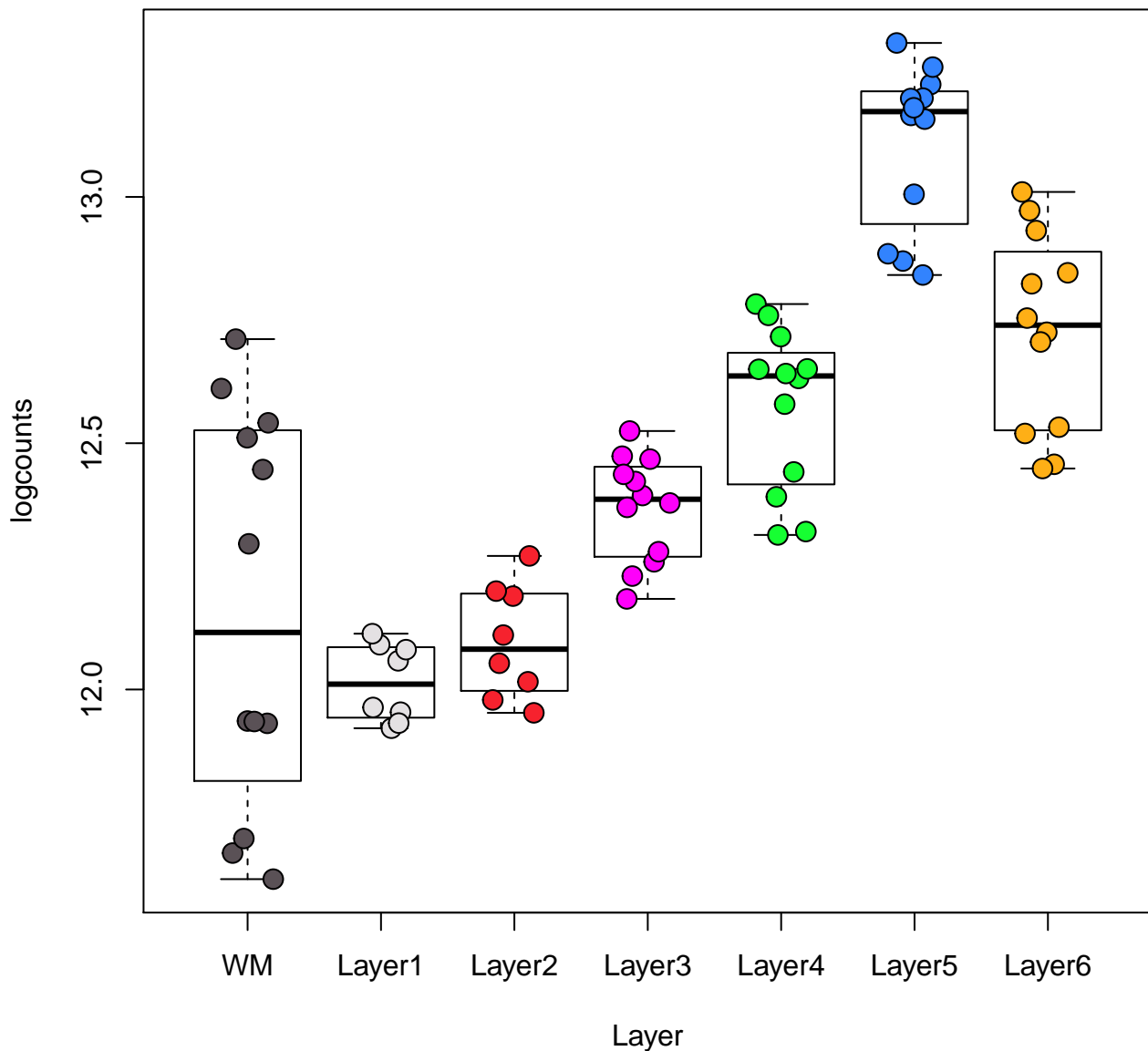
**L5\_r4**



# TMSB10 ENSG00000034510 Layer5

tstat 8.16e+00 p 5.15e-12

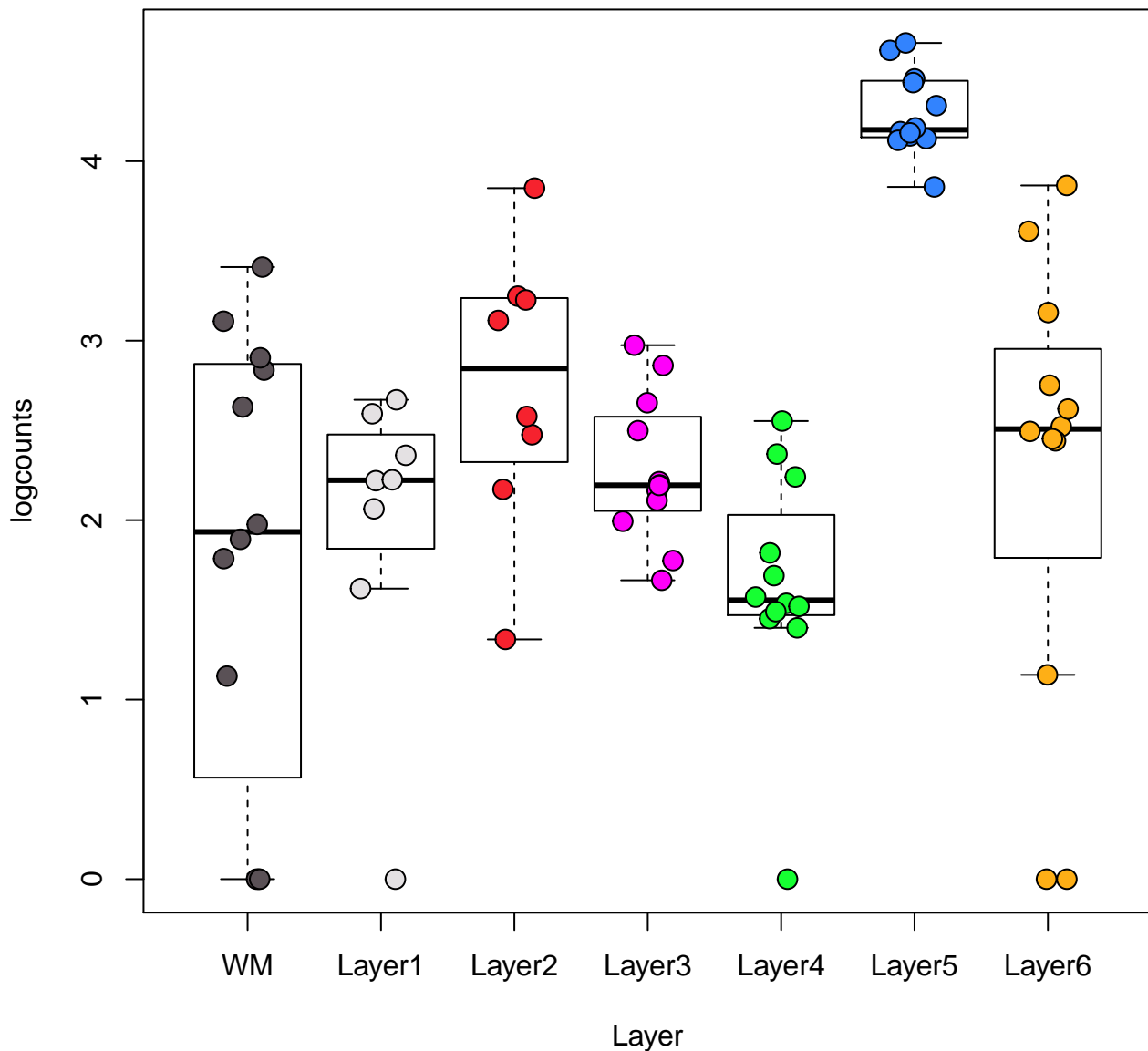
L5\_r5



HTR2C ENSG00000147246 Layer5

tstat 8.01e+00 p 1.01e-11

L5\_r6;L5-L4\_r9

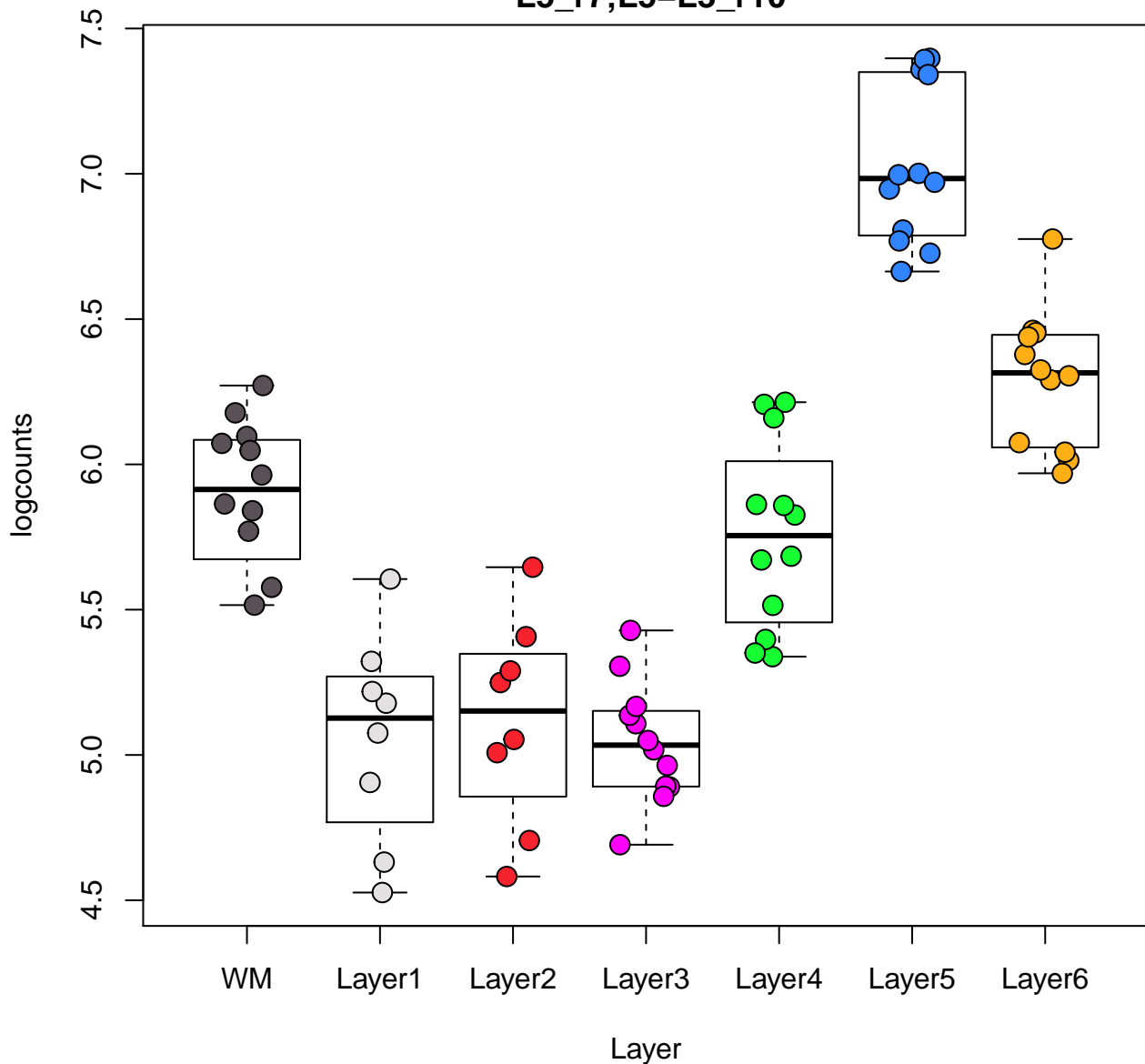




# VAT1L ENSG00000171724 Layer5

tstat 7.86e+00 p 1.91e-11

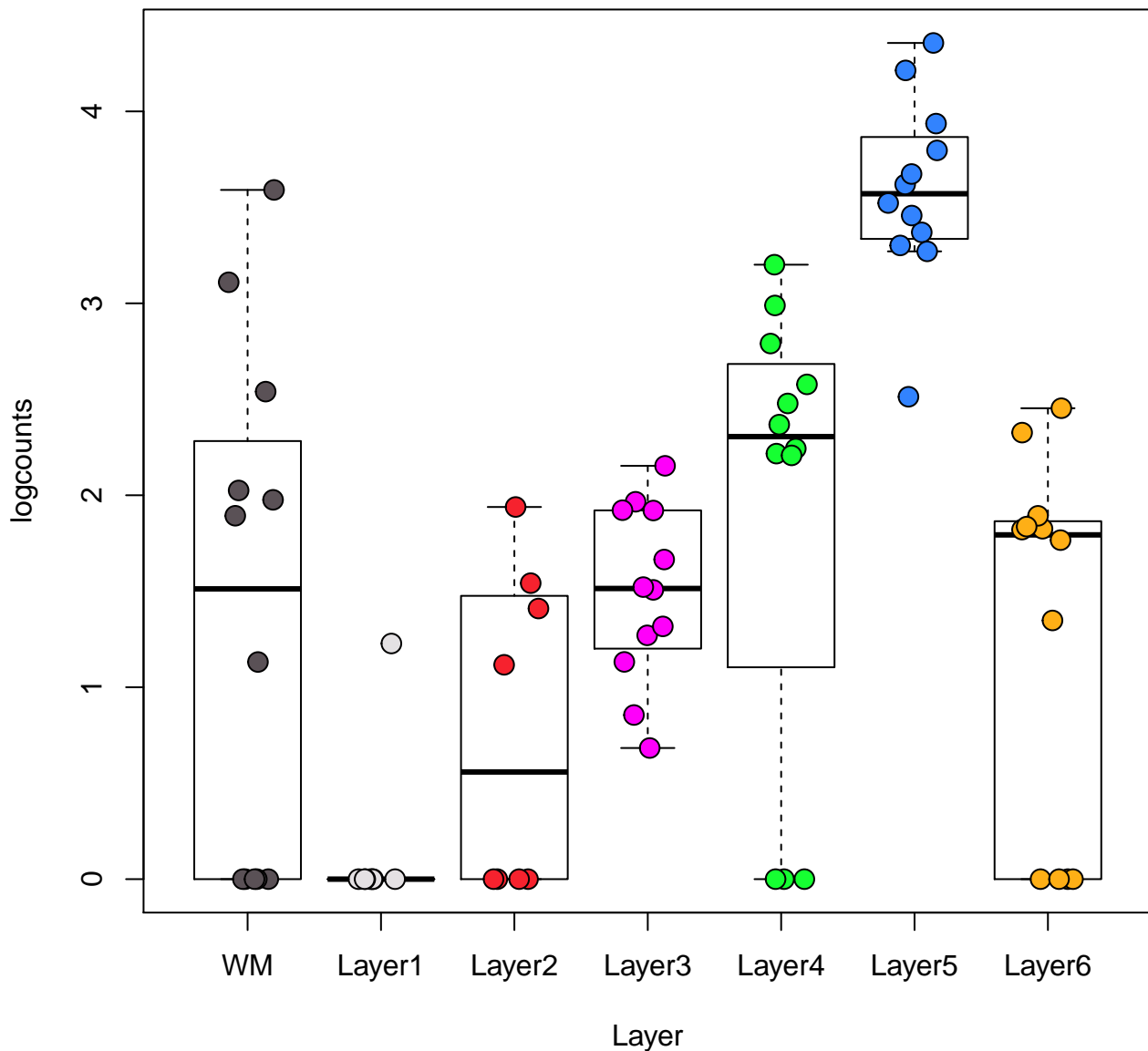
L5\_r7;L5-L3\_r10



RHO ENSG00000163914 Layer5

tstat 7.69e+00 p 4.07e-11

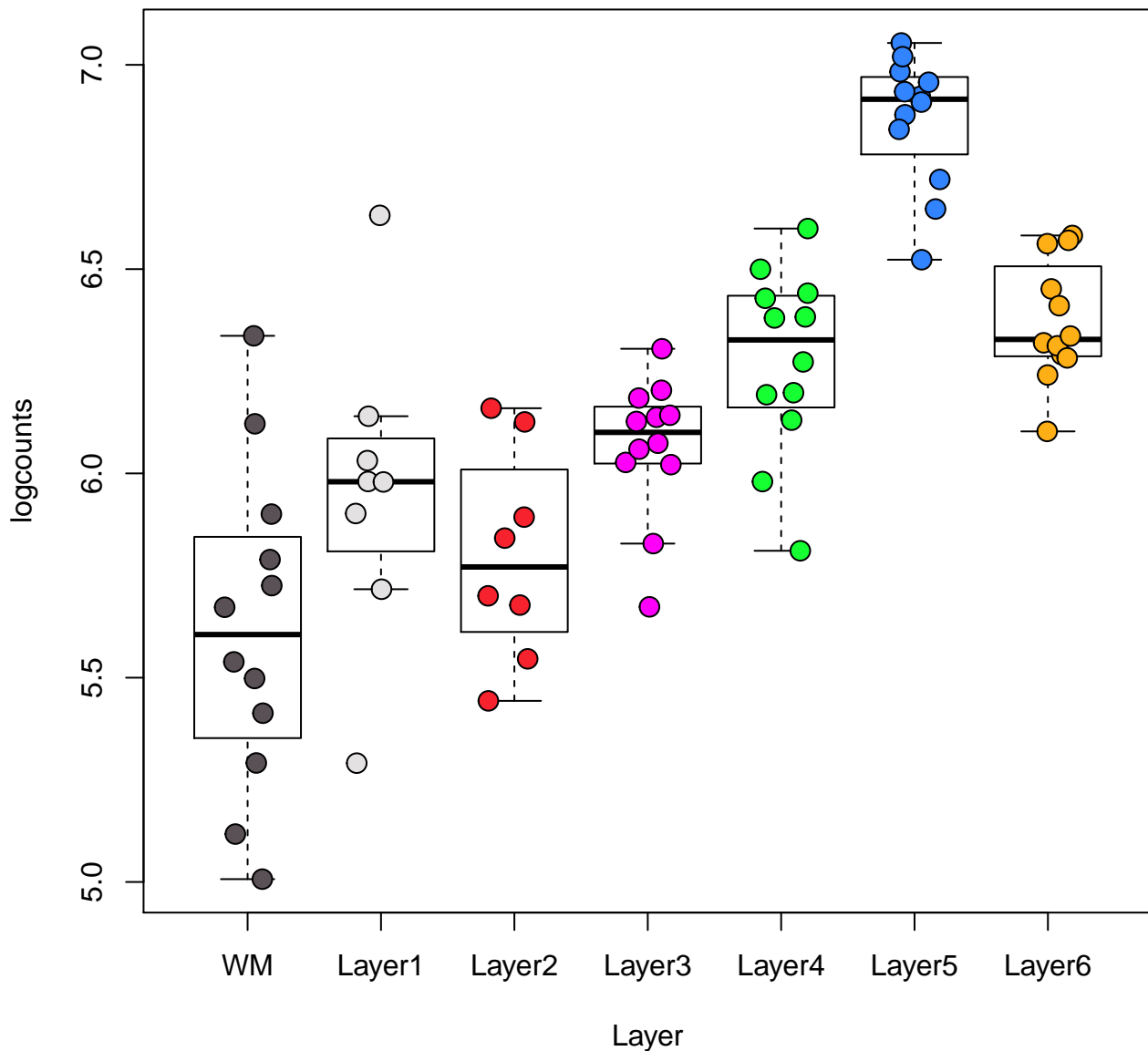
L5\_r8



PID1 ENSG00000153823 Layer5

tstat 7.57e+00 p 7.04e-11

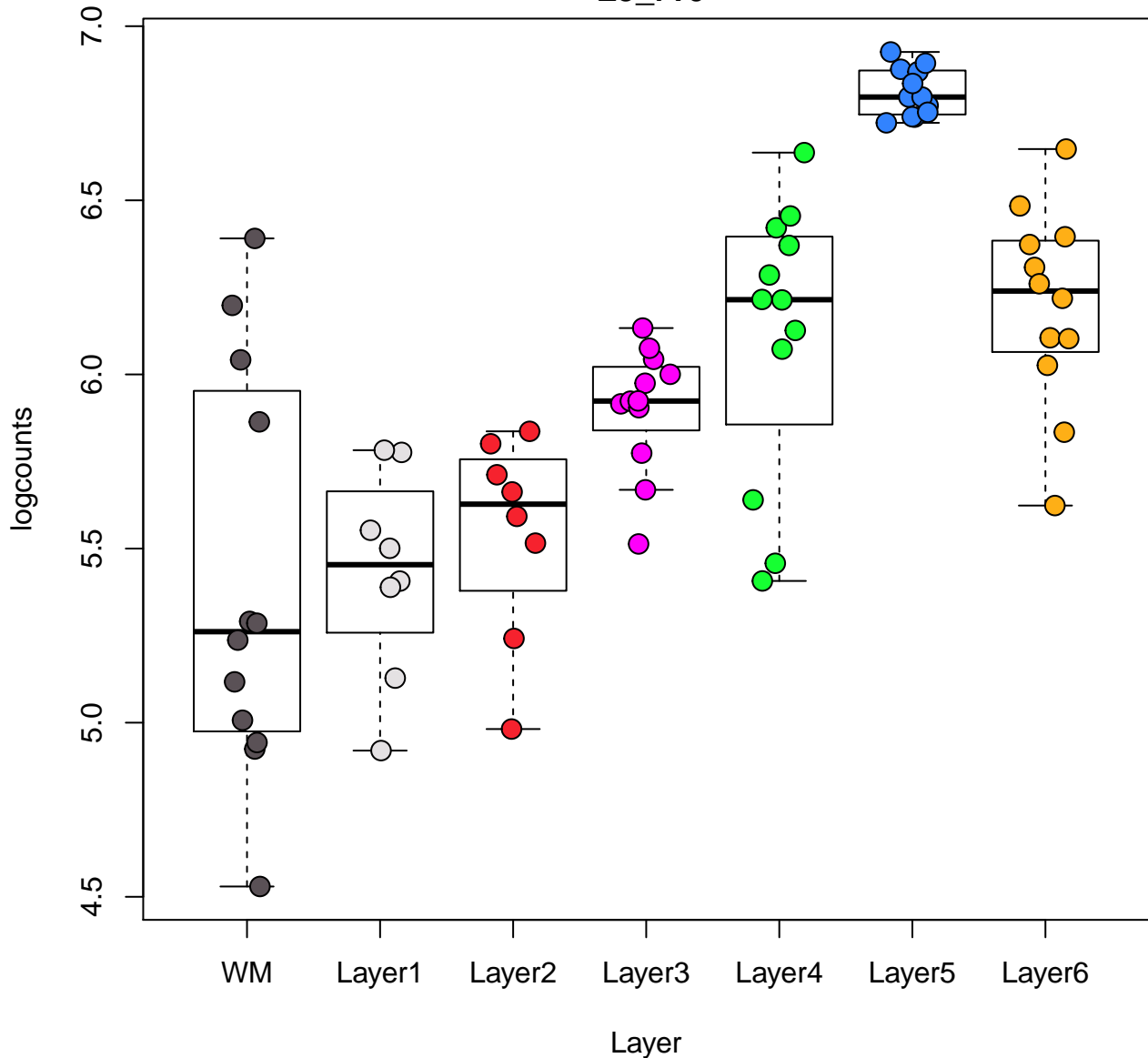
L5\_r9



# KIF17 ENSG00000117245 Layer5

tstat 7.38e+00 p 1.62e-10

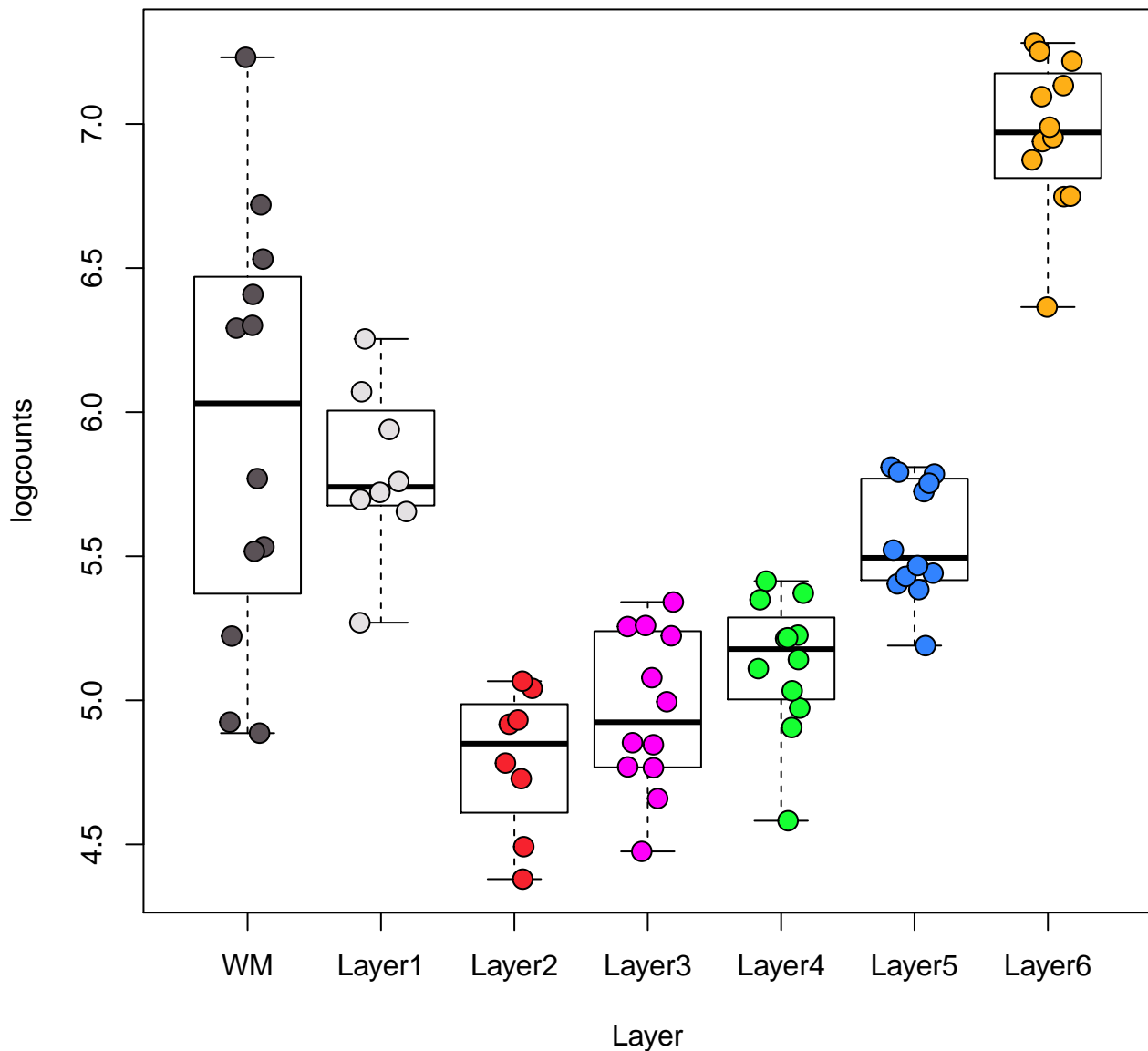
L5\_r10



ISLR ENSG00000129009 Layer6

tstat 9.62e+00 p 7.84e-15

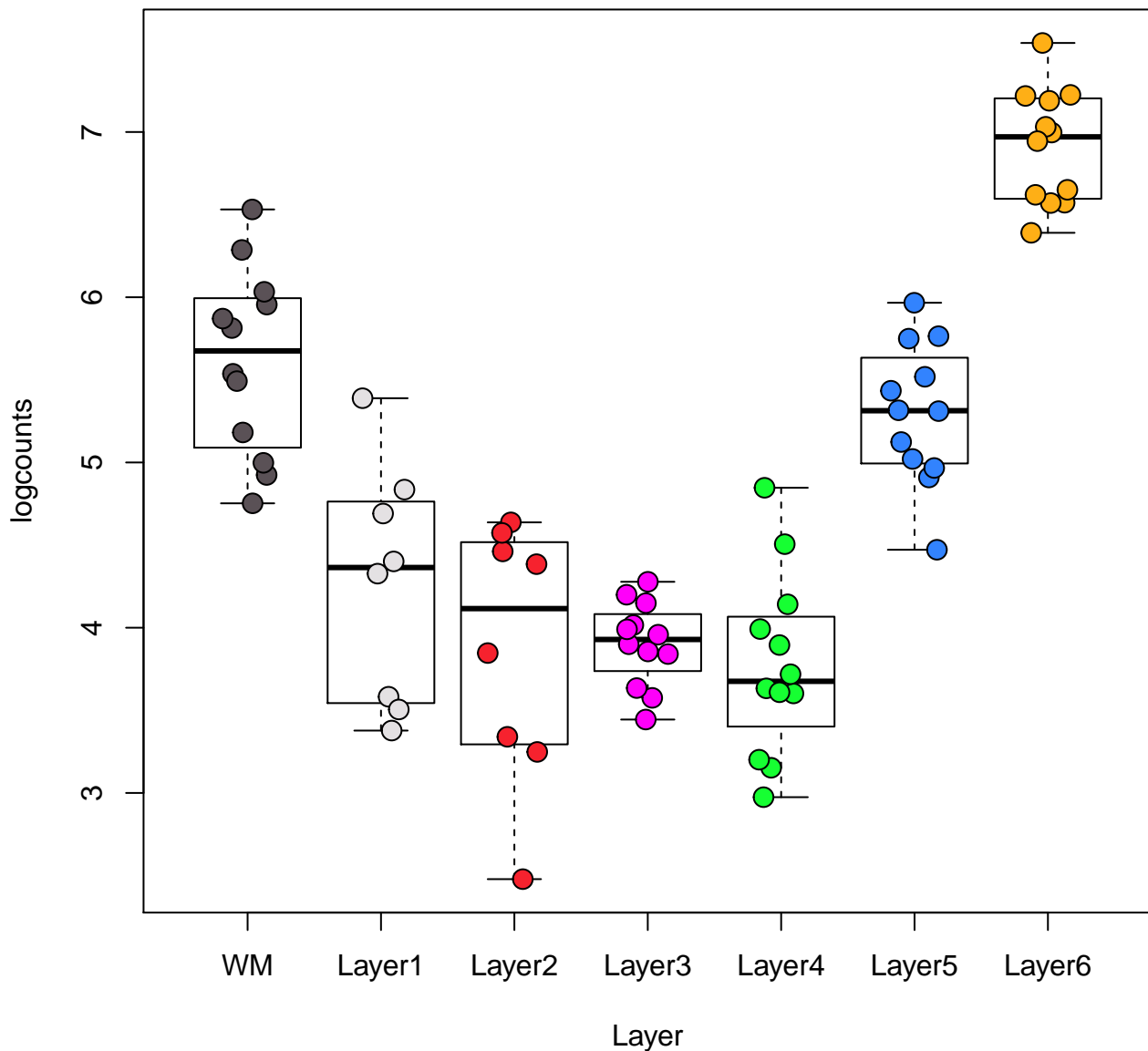
L6\_r1;L6-L2\_r10;L6-L3\_r10;L6-L4\_r7;L6-L5\_r4



NR4A2 ENSG00000153234 Layer6

tstat 9.02e+00 p 1.15e-13

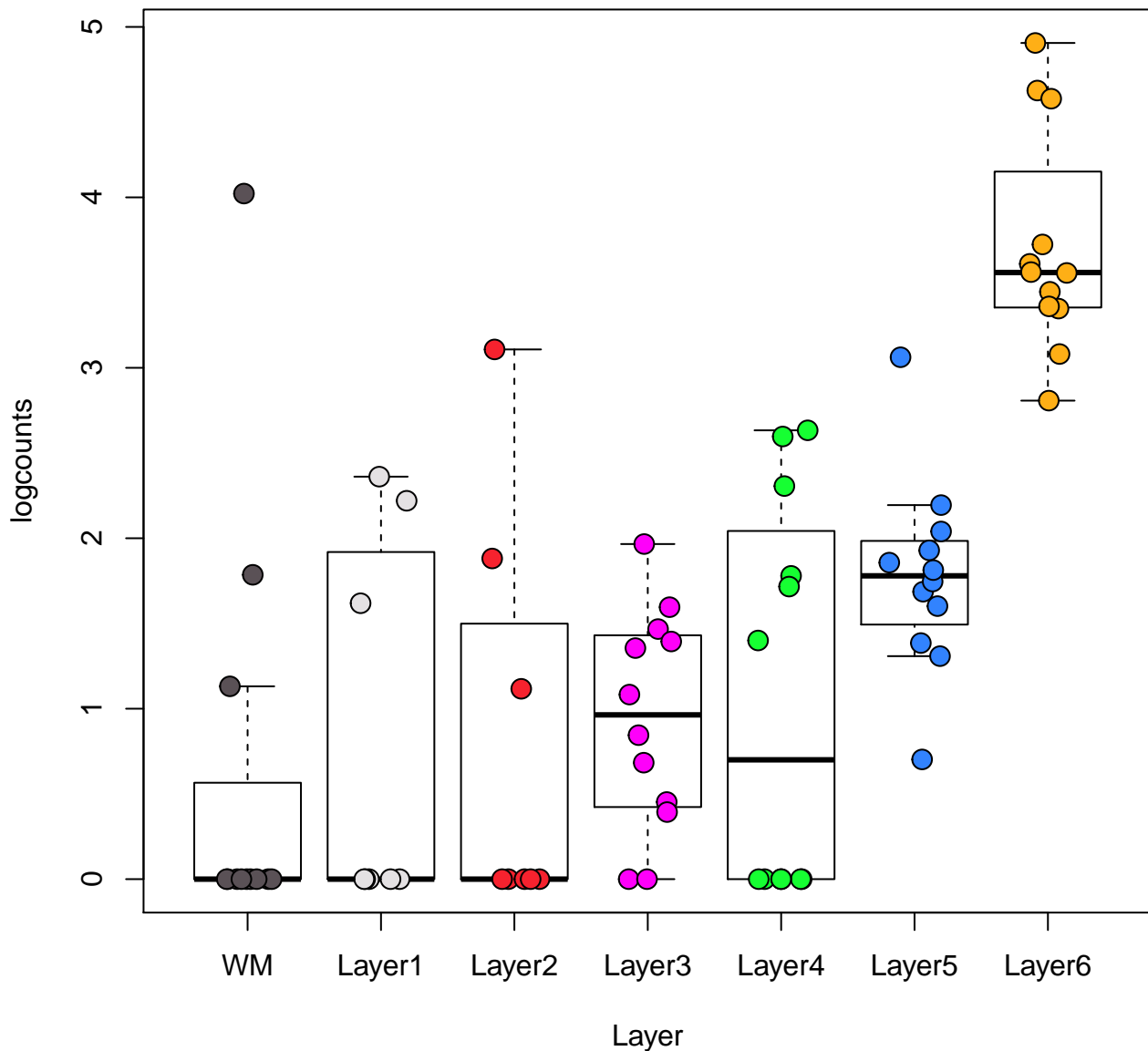
L6\_r2;L6-L2\_r8;L6-L3\_r4;L6-L4\_r2;L6-L5\_r8



# MCTP2 ENSG00000140563 Layer6

tstat 8.98e+00 p 1.36e-13

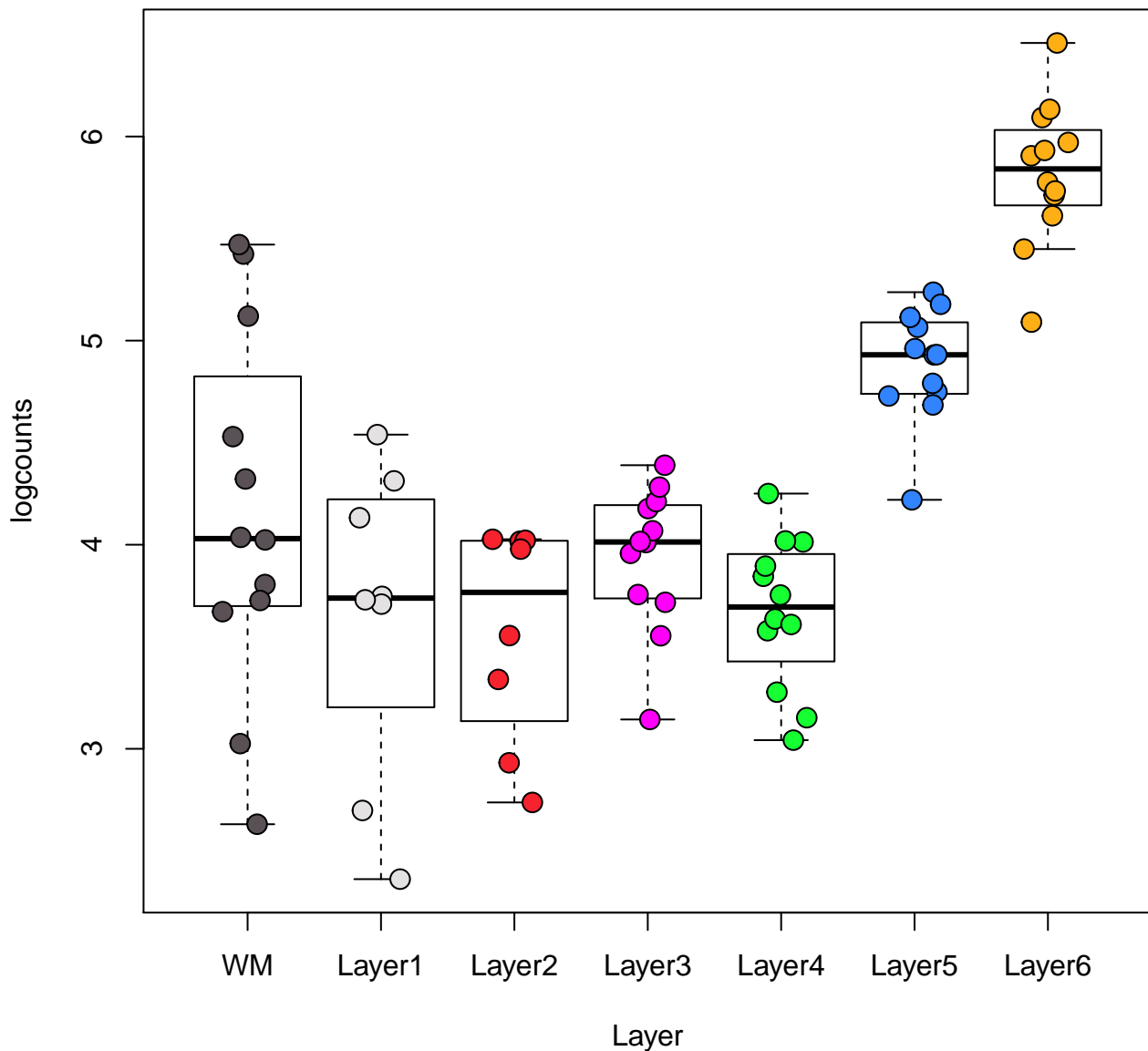
L6\_r3



# DACH1 ENSG00000276644 Layer6

tstat 8.78e+00 p 3.21e-13

L6\_r4

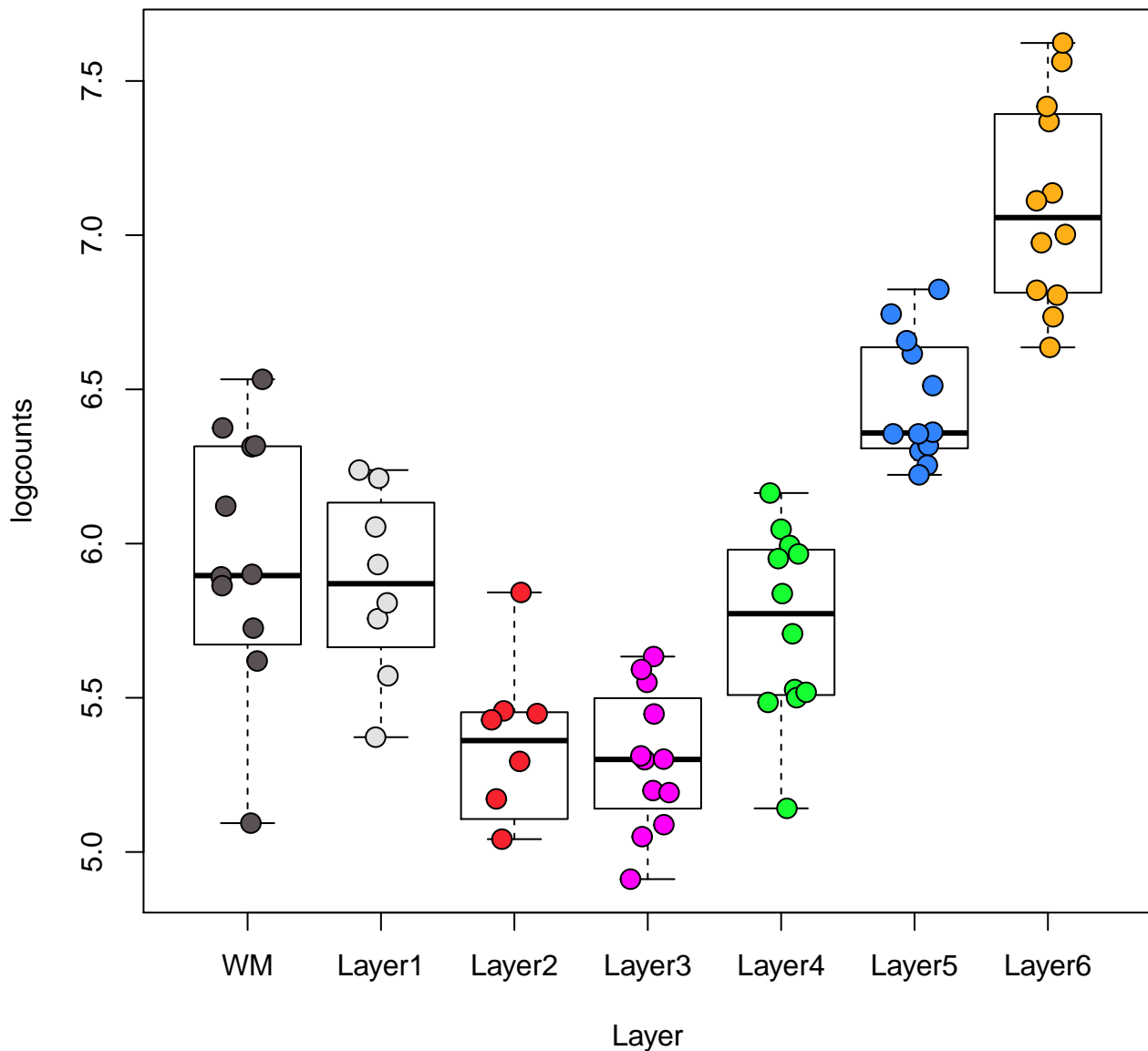




# NTNG2 ENSG00000196358 Layer6

tstat 8.67e+00 p 5.22e-13

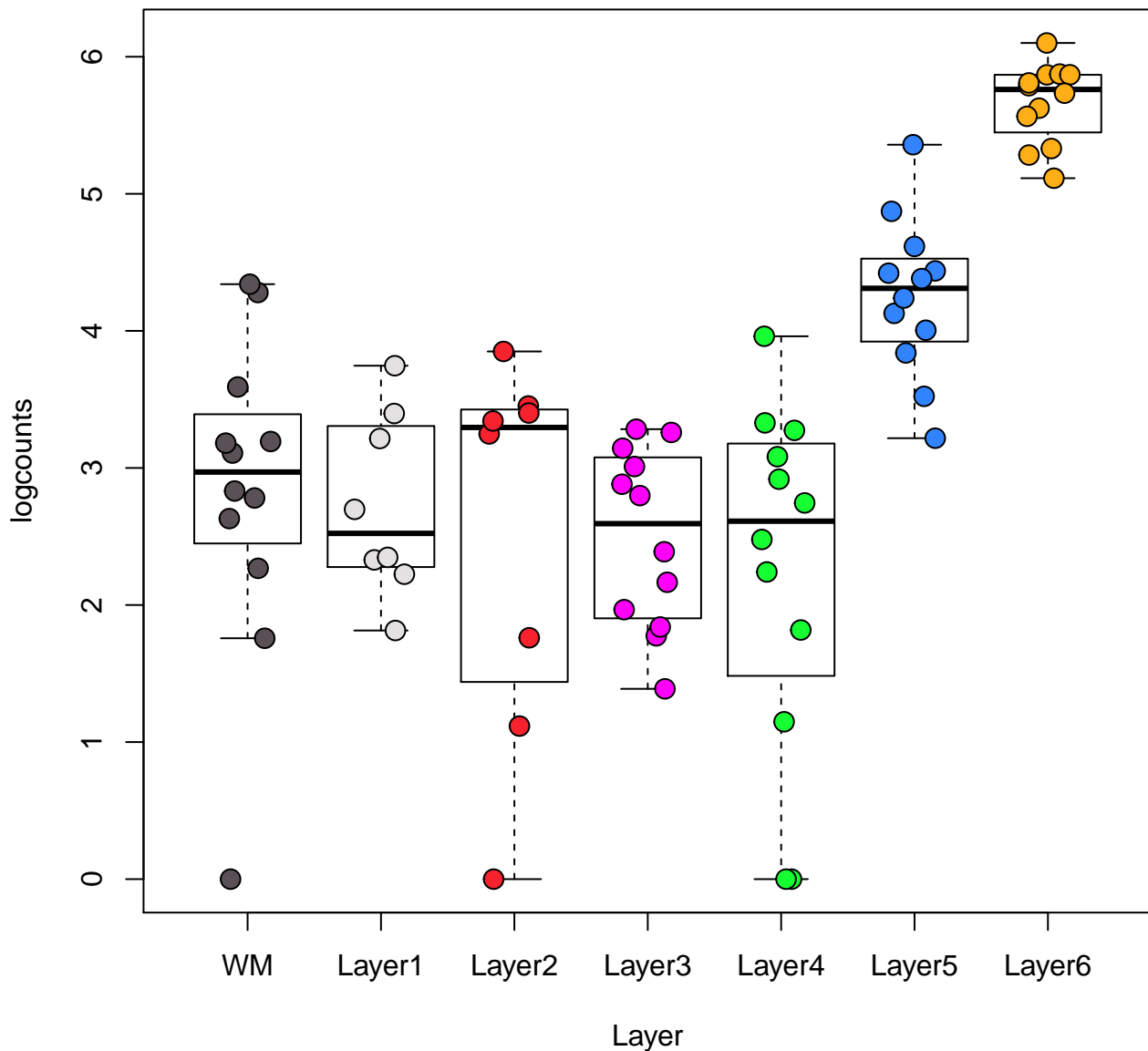
L6\_r5;L6-L2\_r9;L6-L3\_r7



# SMIM32 ENSG00000271824 Layer6

tstat 8.48e+00 p 1.25e-12

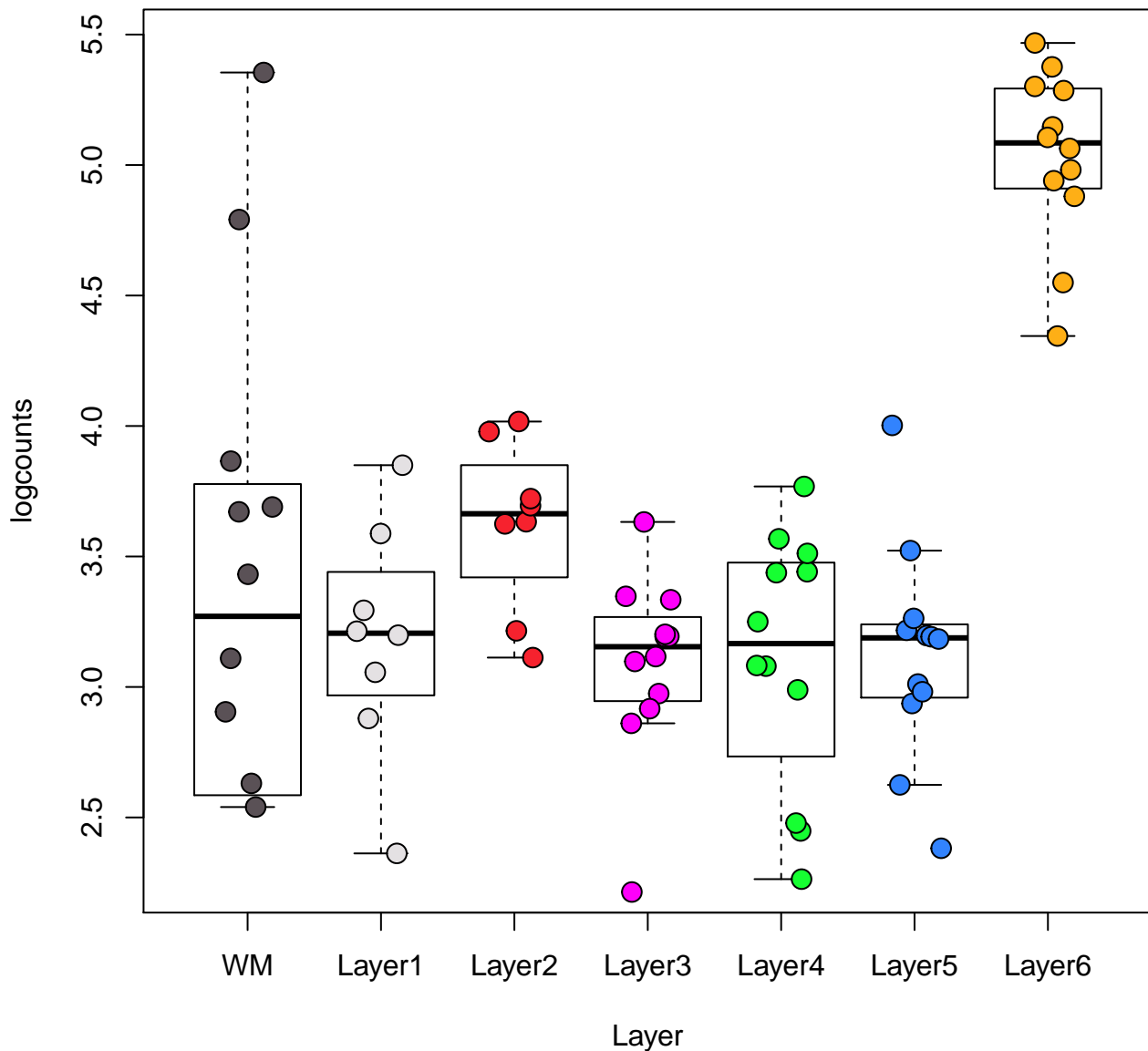
L6\_r6



# OPRK1 ENSG00000082556 Layer6

tstat 8.28e+00 p 2.97e-12

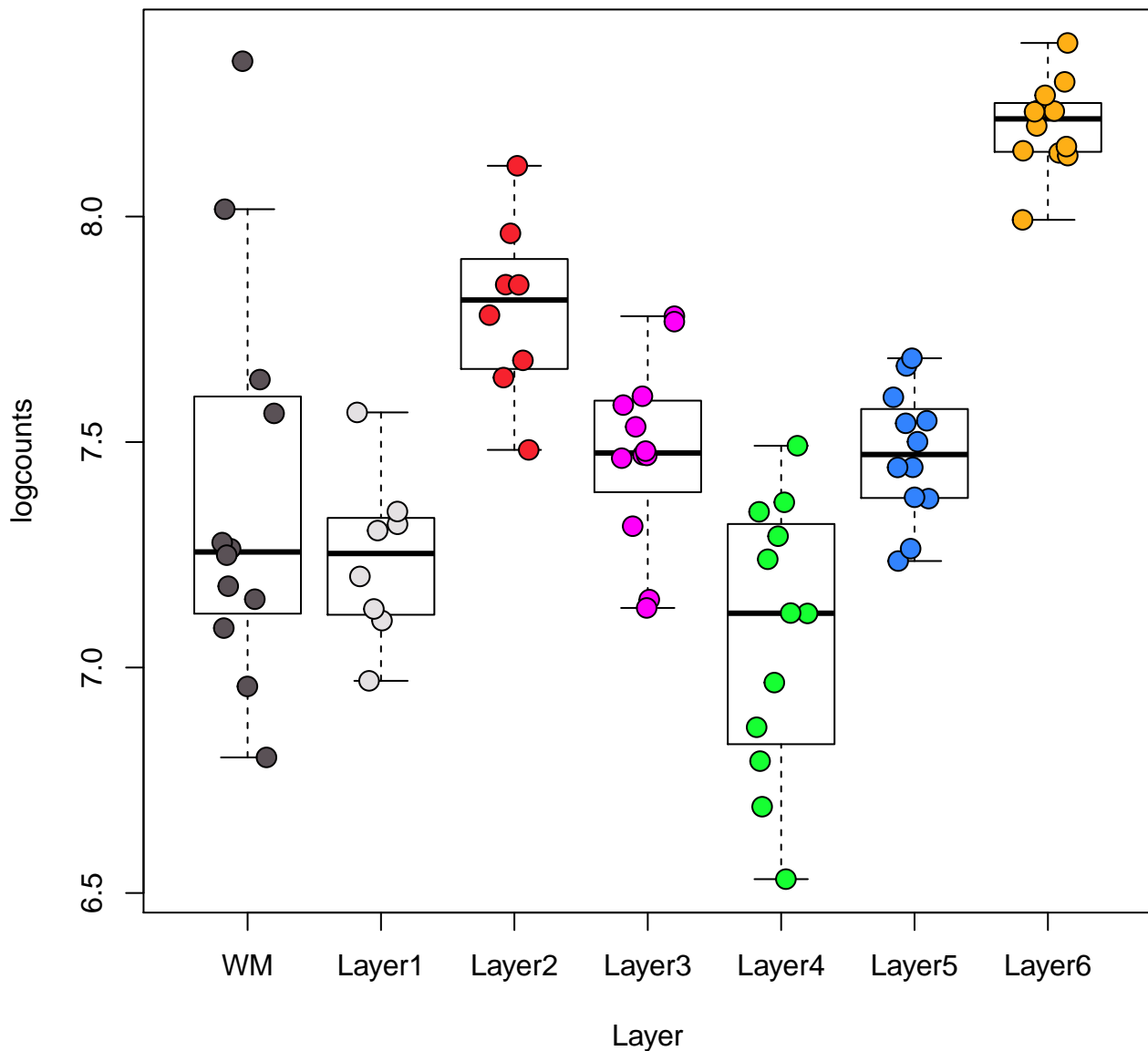
L6\_r7



# MMD ENSG00000108960 Layer6

tstat 8.17e+00 p 4.85e-12

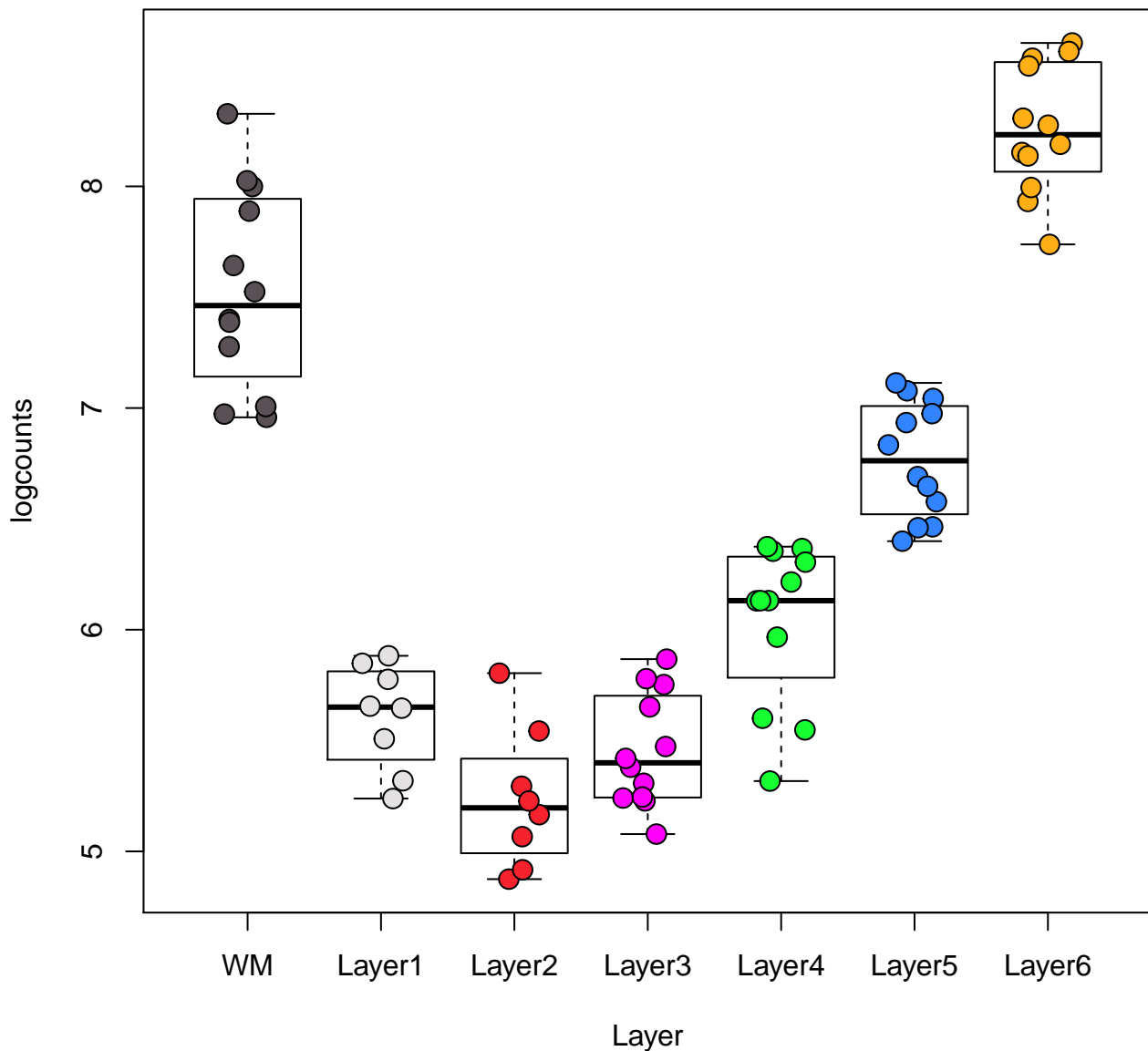
L6\_r8



KRT17 ENSG00000128422 Layer6

tstat 8.16e+00 p 5.05e-12

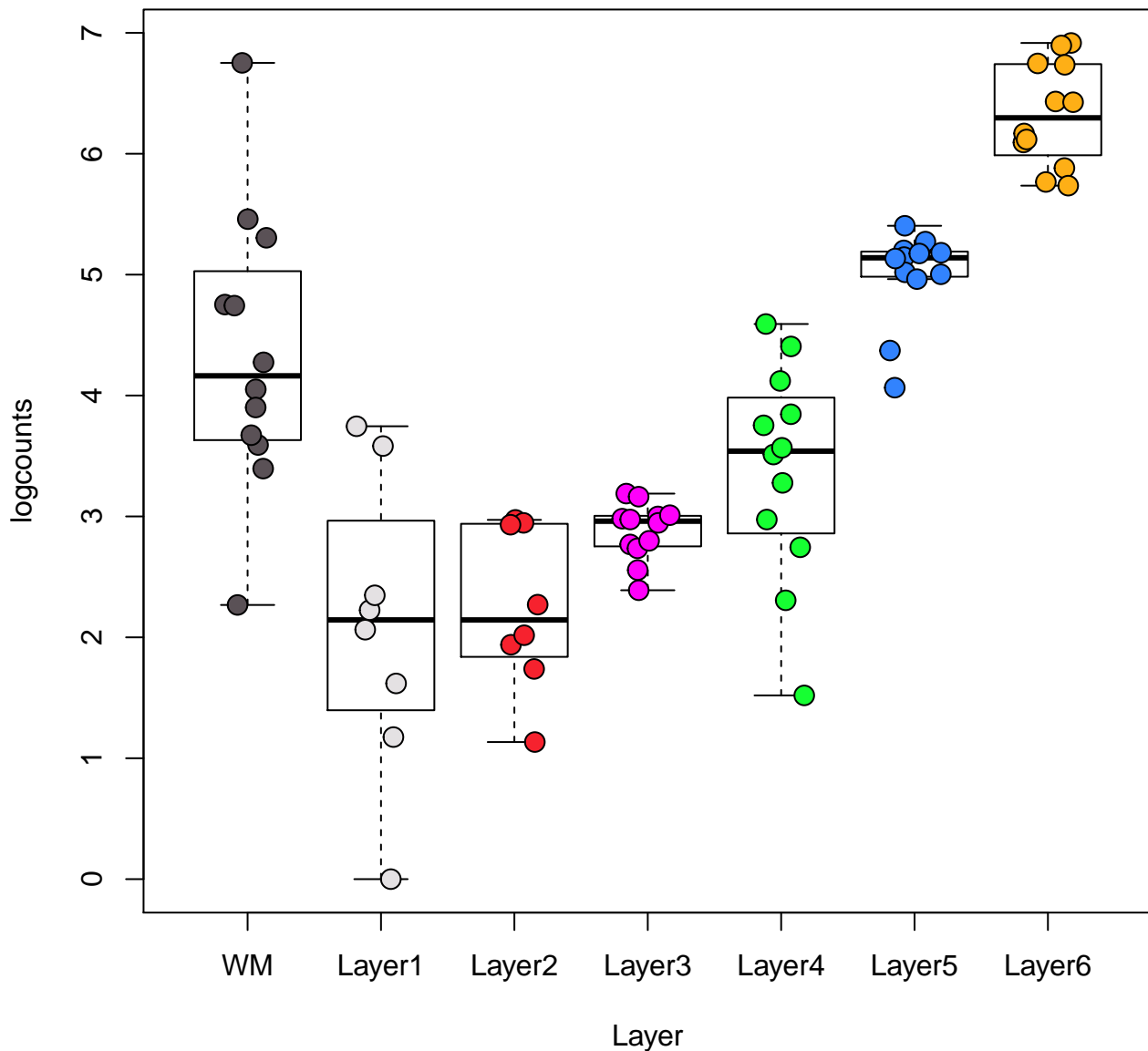
L6\_r9;L6-L1\_r1;L6-L2\_r1;L6-L3\_r1;L6-L4\_r1;L6-L5\_r1



# THEMIS ENSG00000172673 Layer6

tstat 7.83e+00 p 2.18e-11

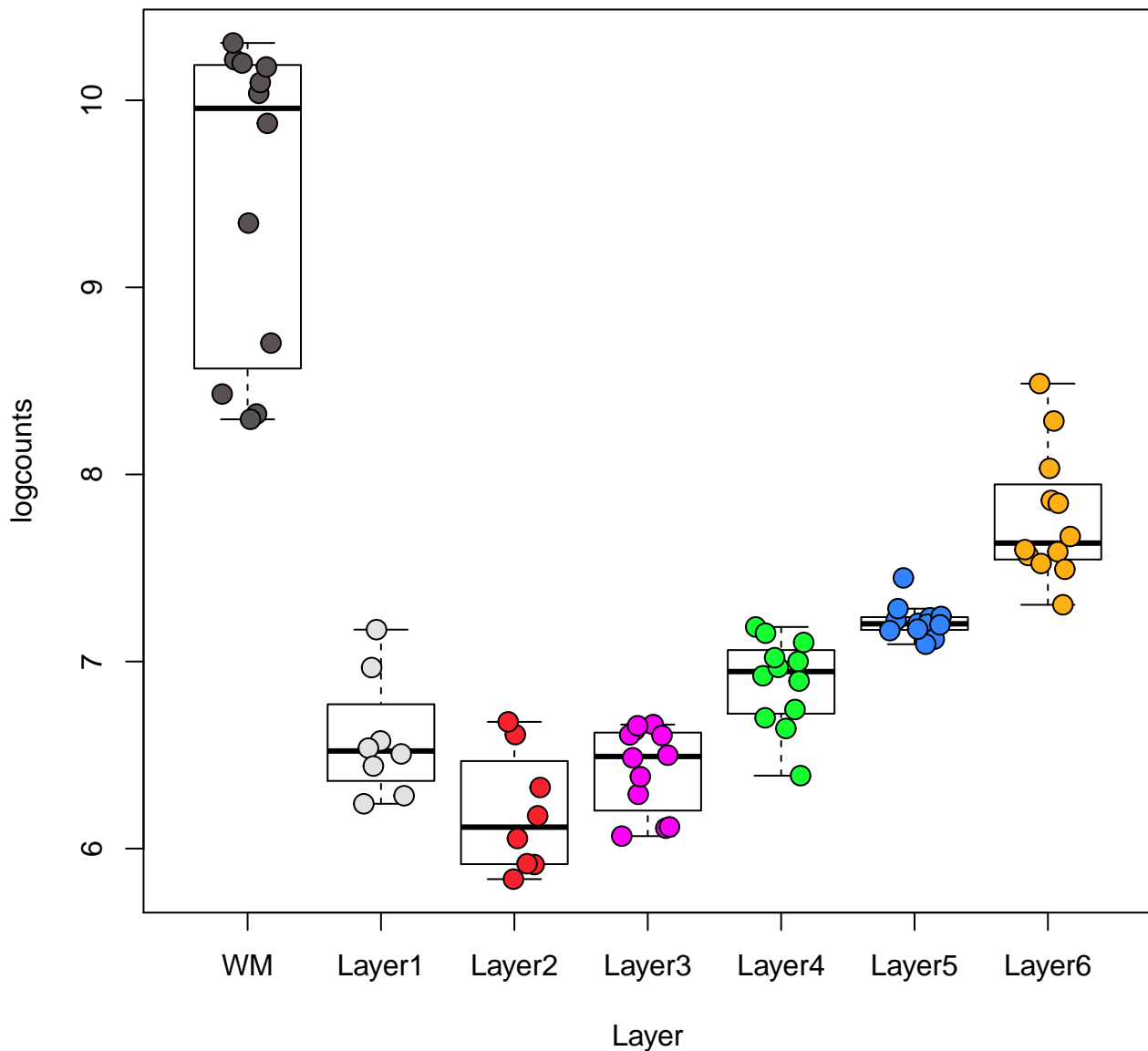
L6\_r10



BCAS1 ENSG00000064787 WM-Layer1

tstat 1.72e+01 p 3.77e-27

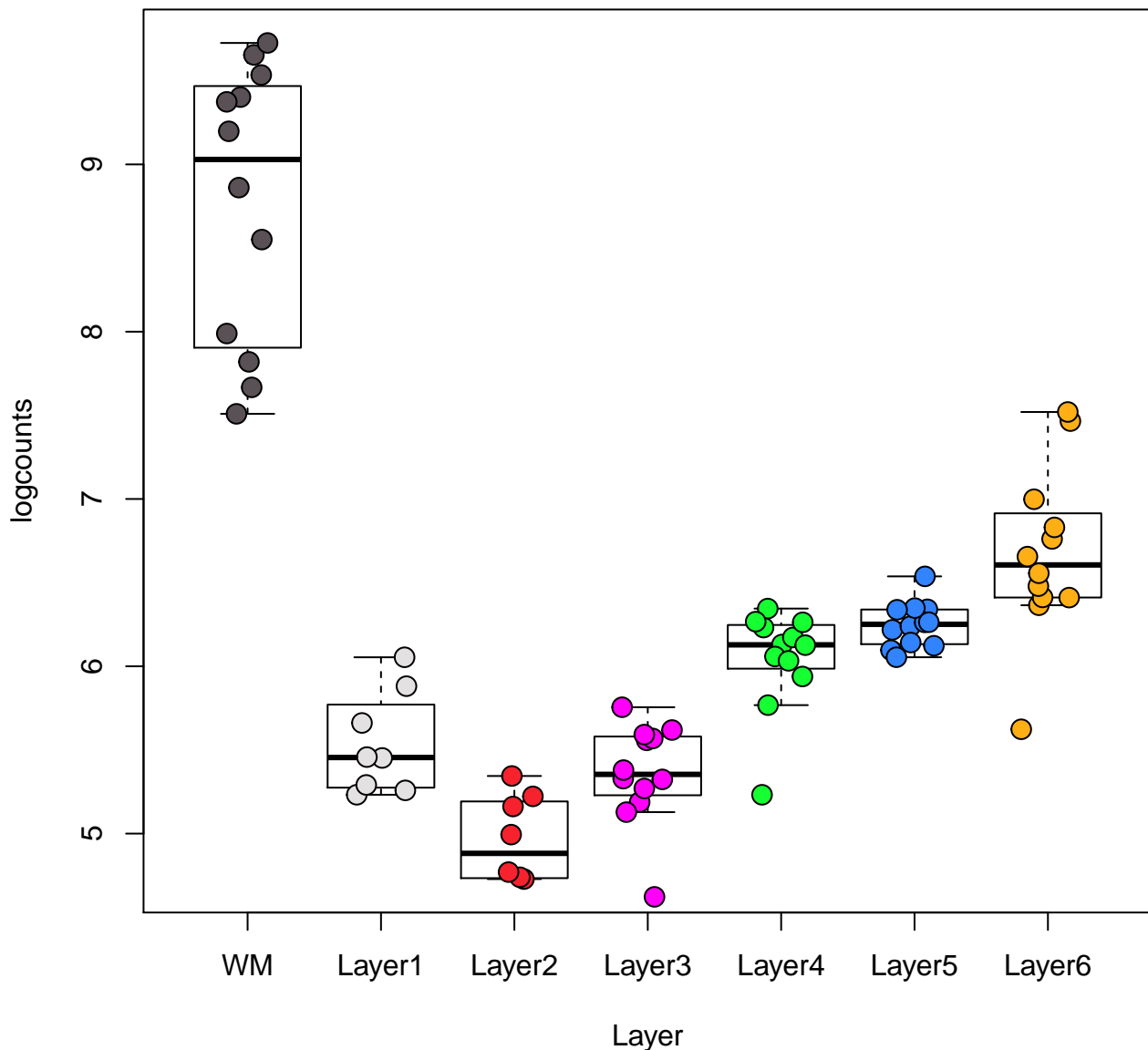
WM-L1\_r1;WM-L2\_r2;WM-L3\_r2;WM-L4\_r2;WM-L5\_r5;WM-L6\_r5



# MYRF ENSG00000124920 WM-Layer1

tstat 1.72e+01 p 3.91e-27

WM-L1\_r2;WM-L2\_r1;WM-L3\_r3;WM-L4\_r5;WM-L5\_r6;WM-L6\_r2

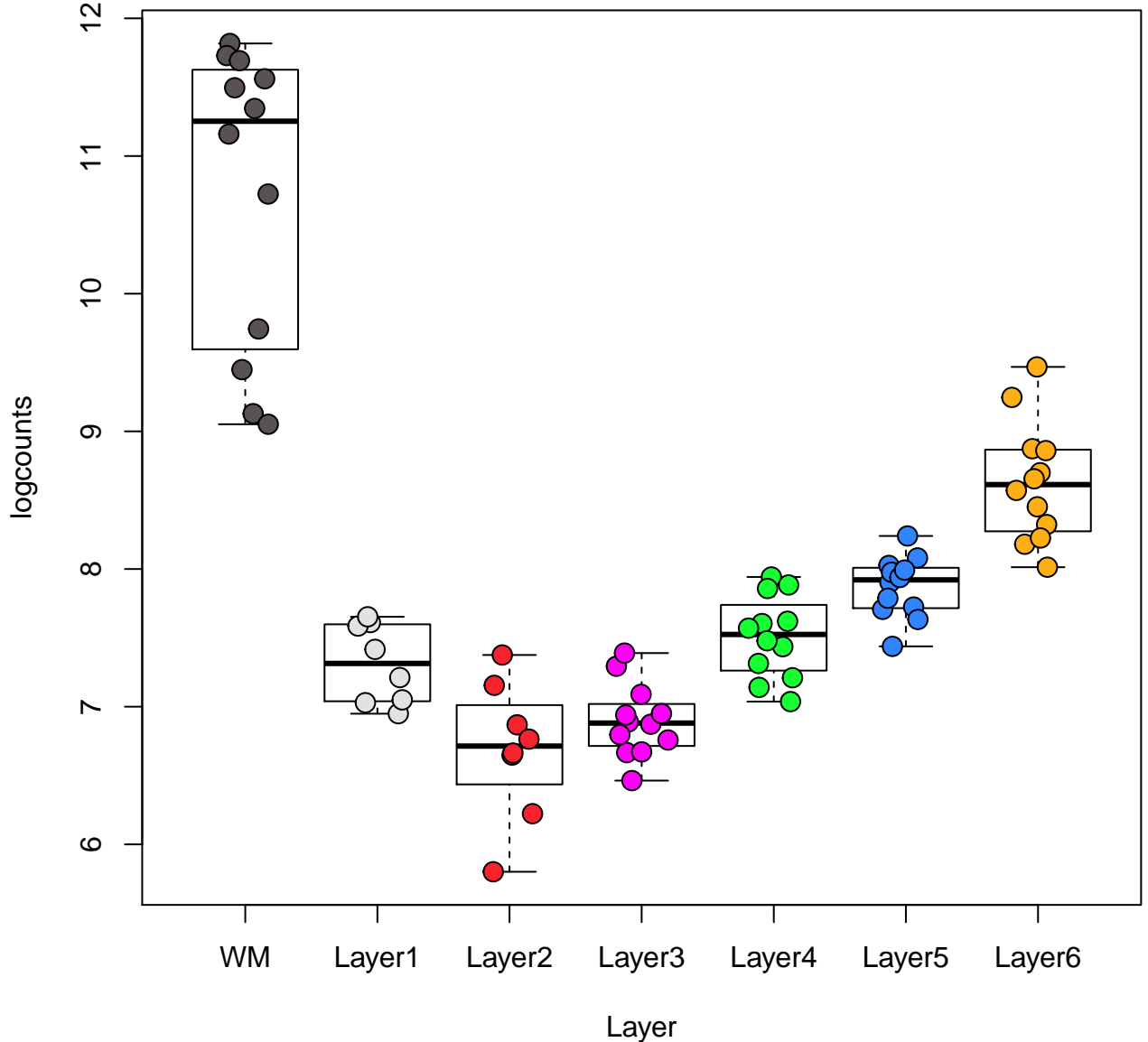




# MOBP ENSG00000168314 WM-Layer1

tstat 1.64e+01 p 6.18e-26

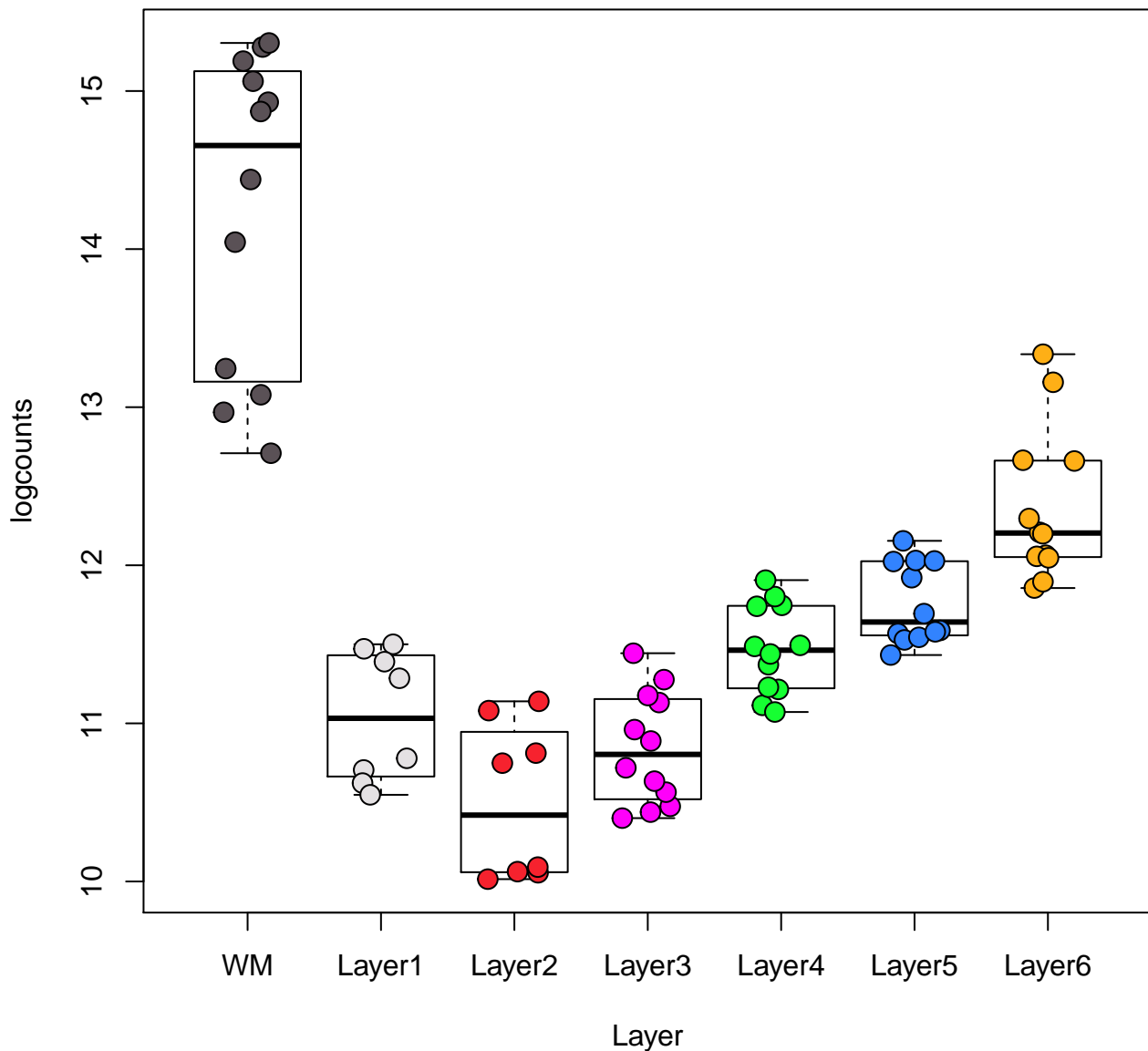
WM-L1\_r3;WM-L2\_r3;WM-L3\_r1;WM-L4\_r3;WM-L5\_r4;WM-L6\_r8



**MBP ENSG00000197971 WM-Layer1**

**tstat 1.63e+01 p 8.35e-26**

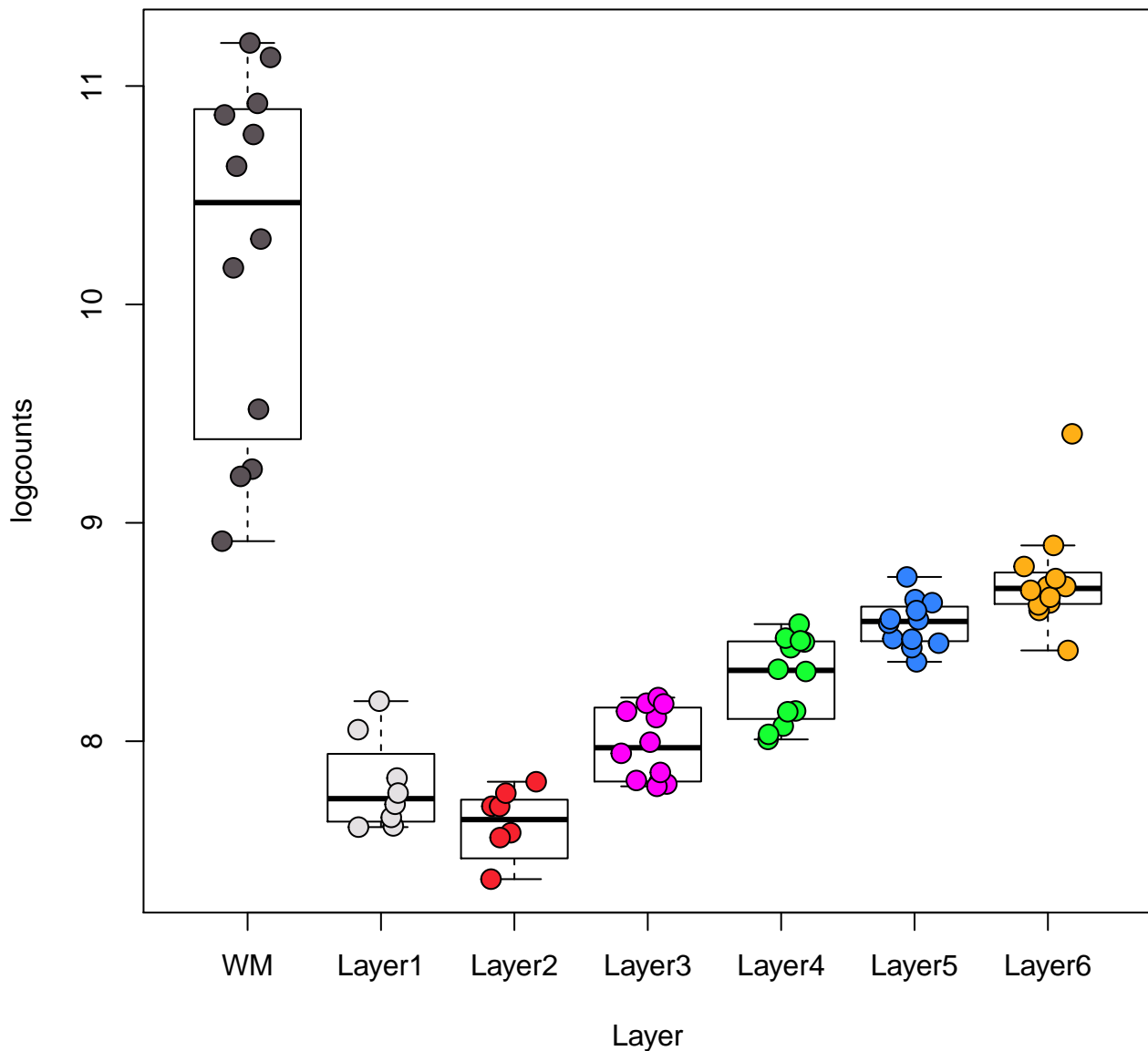
**WM-L1\_r4;WM-L2\_r5;WM-L3\_r5;WM-L4\_r9;WM-L5\_r9**



# SEPT4 ENSG00000108387 WM-Layer1

tstat 1.58e+01 p 6.07e-25

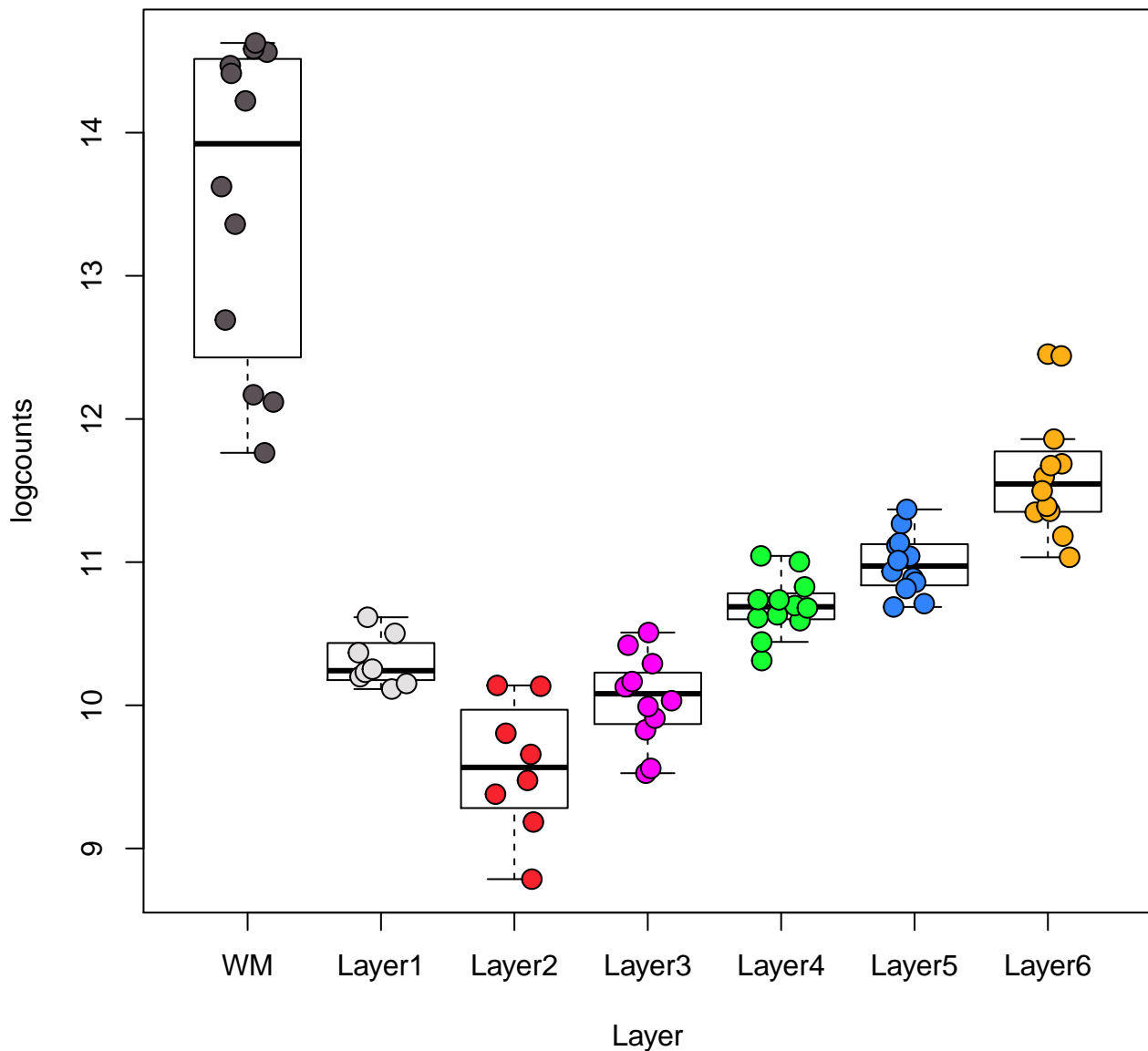
WM-L1\_r5;WM-L2\_r9



PLP1 ENSG00000123560 WM-Layer1

tstat 1.56e+01 p 9.51e-25

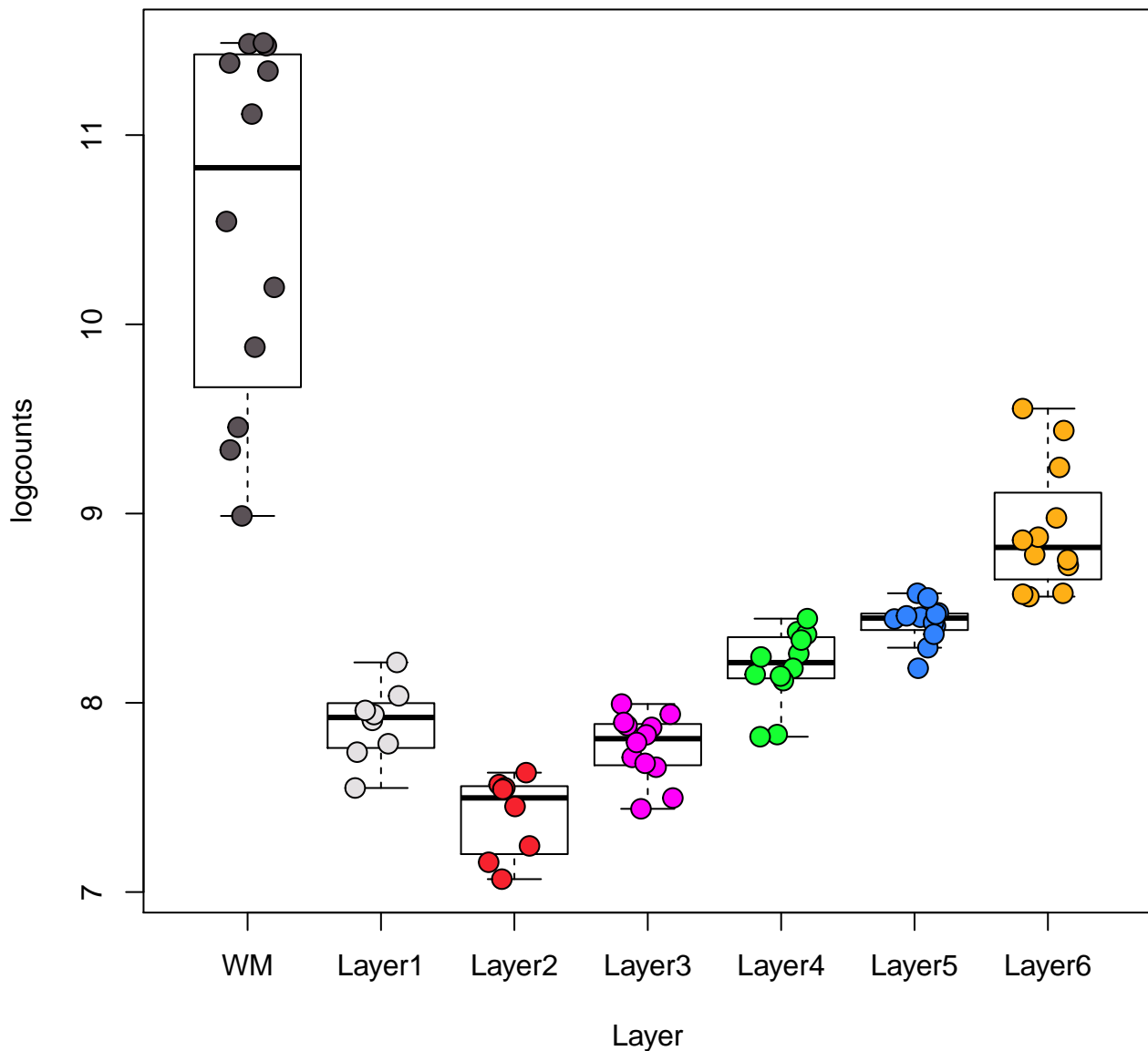
WM-L1\_r6;WM-L2\_r4;WM-L3\_r6



# CLDND1 ENSG00000080822 WM-Layer1

tstat 1.50e+01 p 8.40e-24

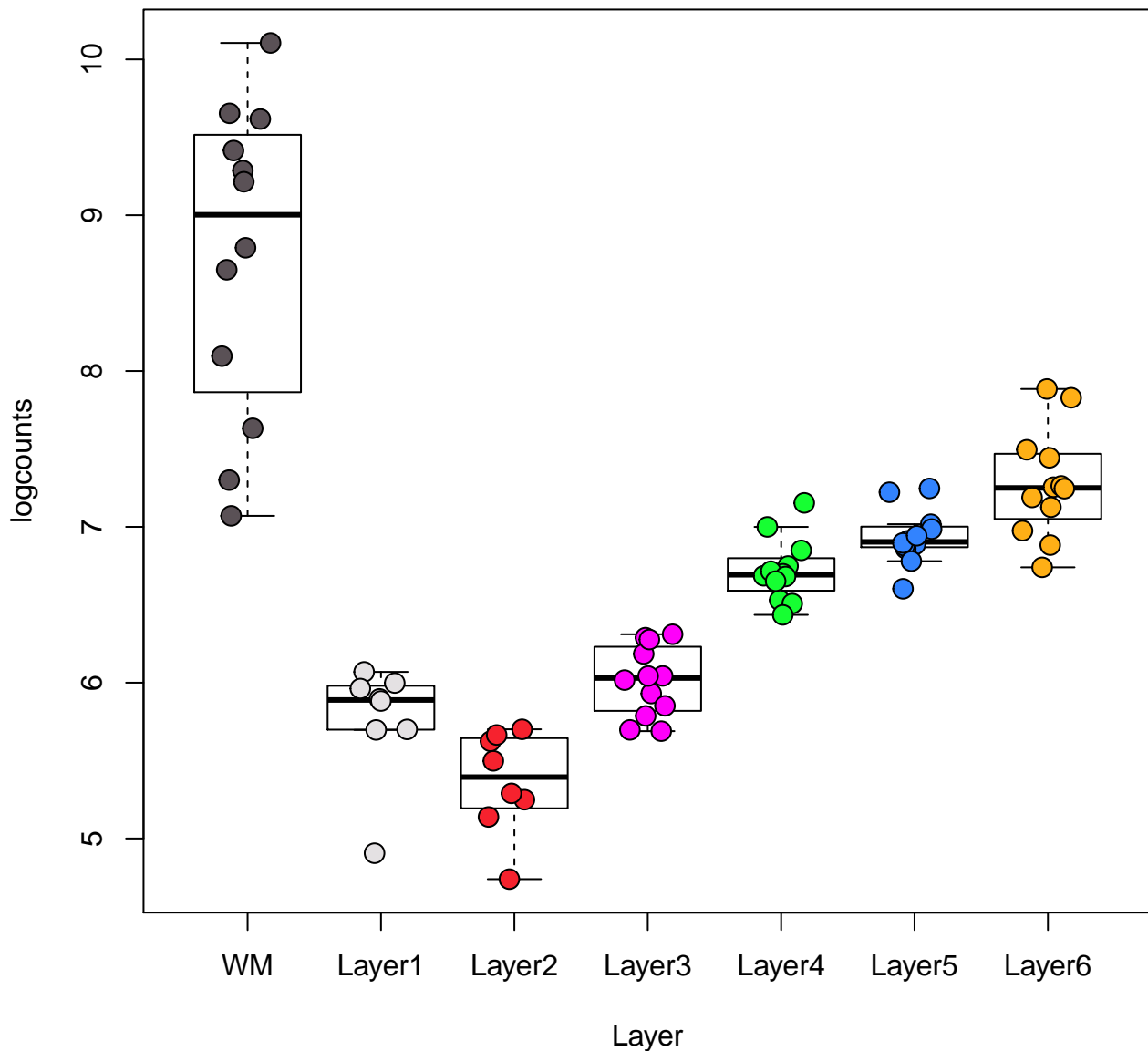
WM-L1\_r7;WM-L2\_r8;WM-L3\_r8



# CNDP1 ENSG00000150656 WM-Layer1

tstat 1.49e+01 p 1.46e-23

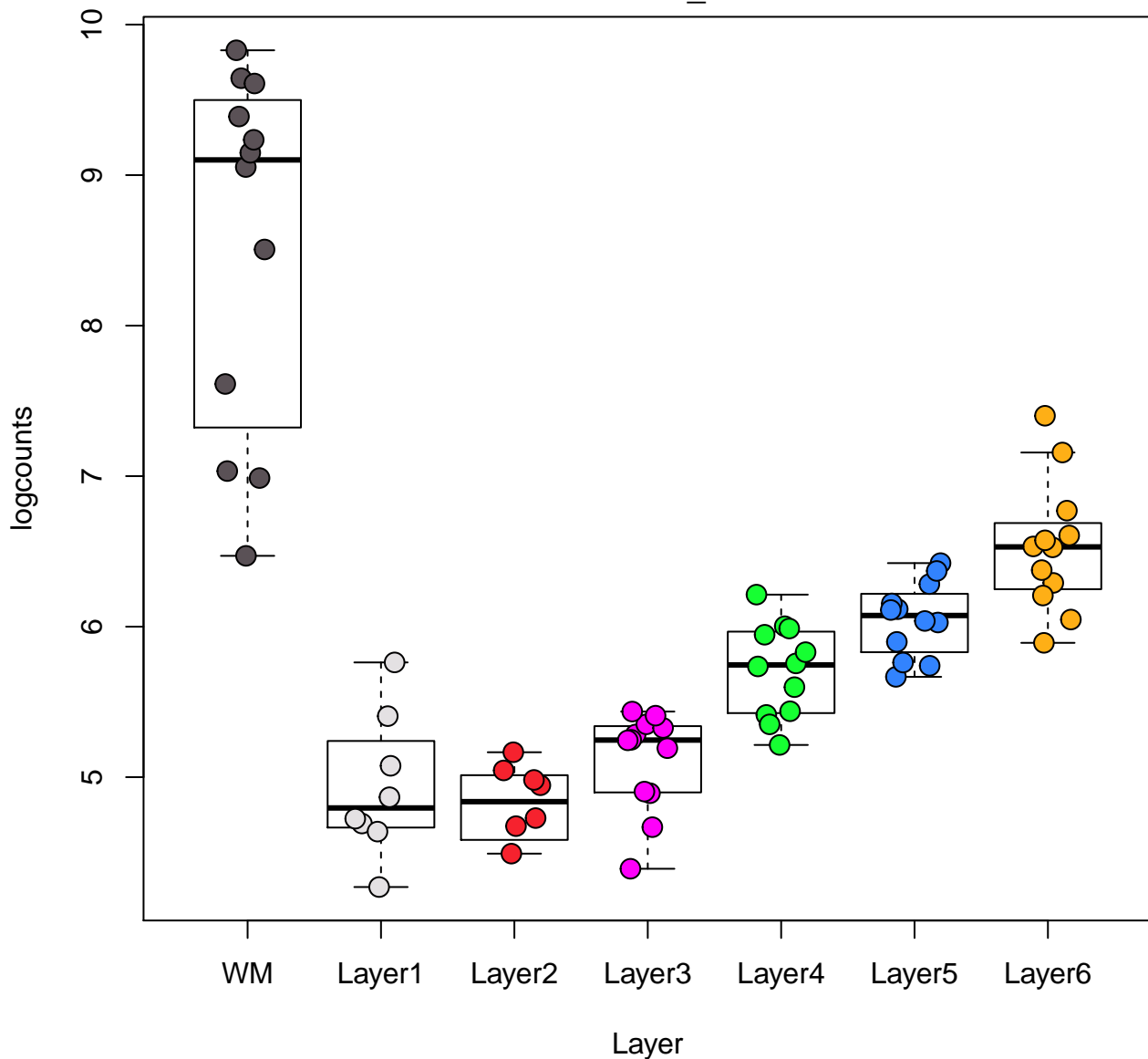
WM-L1\_r8



# NKX6-2 ENSG00000148826 WM-Layer1

tstat 1.48e+01 p 1.62e-23

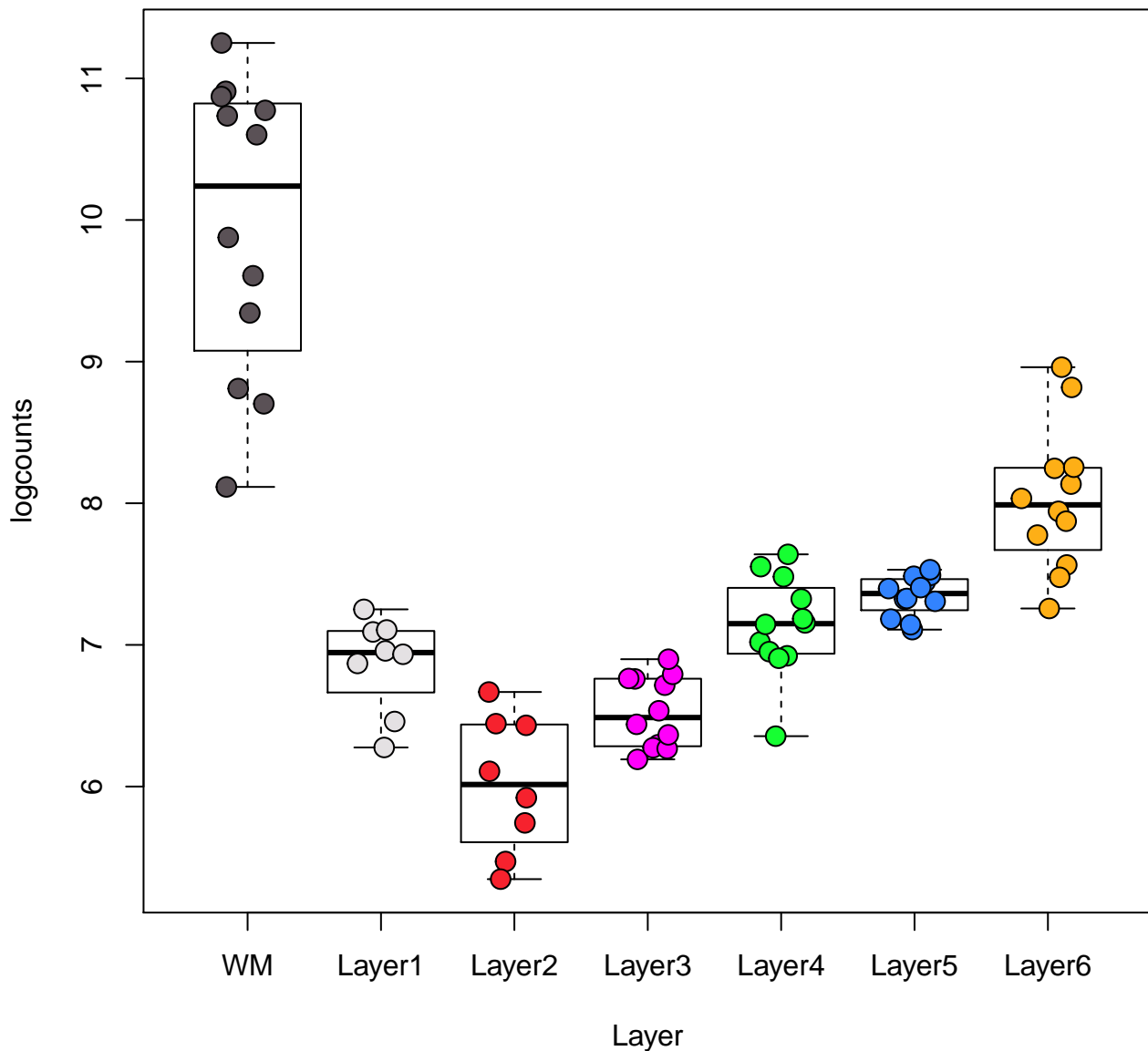
WM-L1\_r9



**MAG ENSG00000105695 WM-Layer1**

**tstat 1.48e+01 p 2.15e-23**

**WM-L1\_r10;WM-L2\_r6;WM-L3\_r7;WM-L5\_r10**

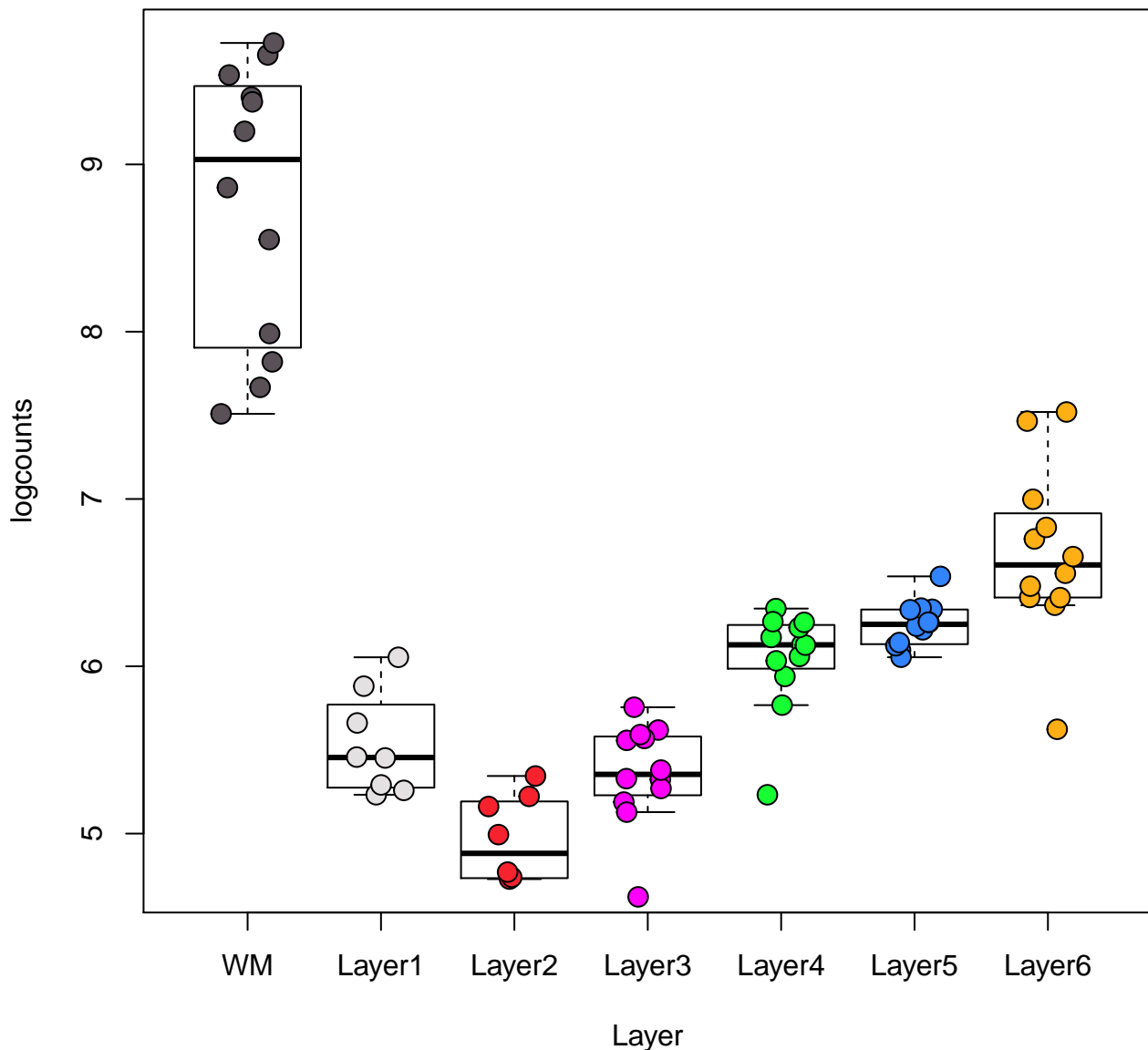




# MYRF ENSG00000124920 WM-Layer2

tstat  $2.08 \times 10^1$  p  $5.31 \times 10^{-32}$

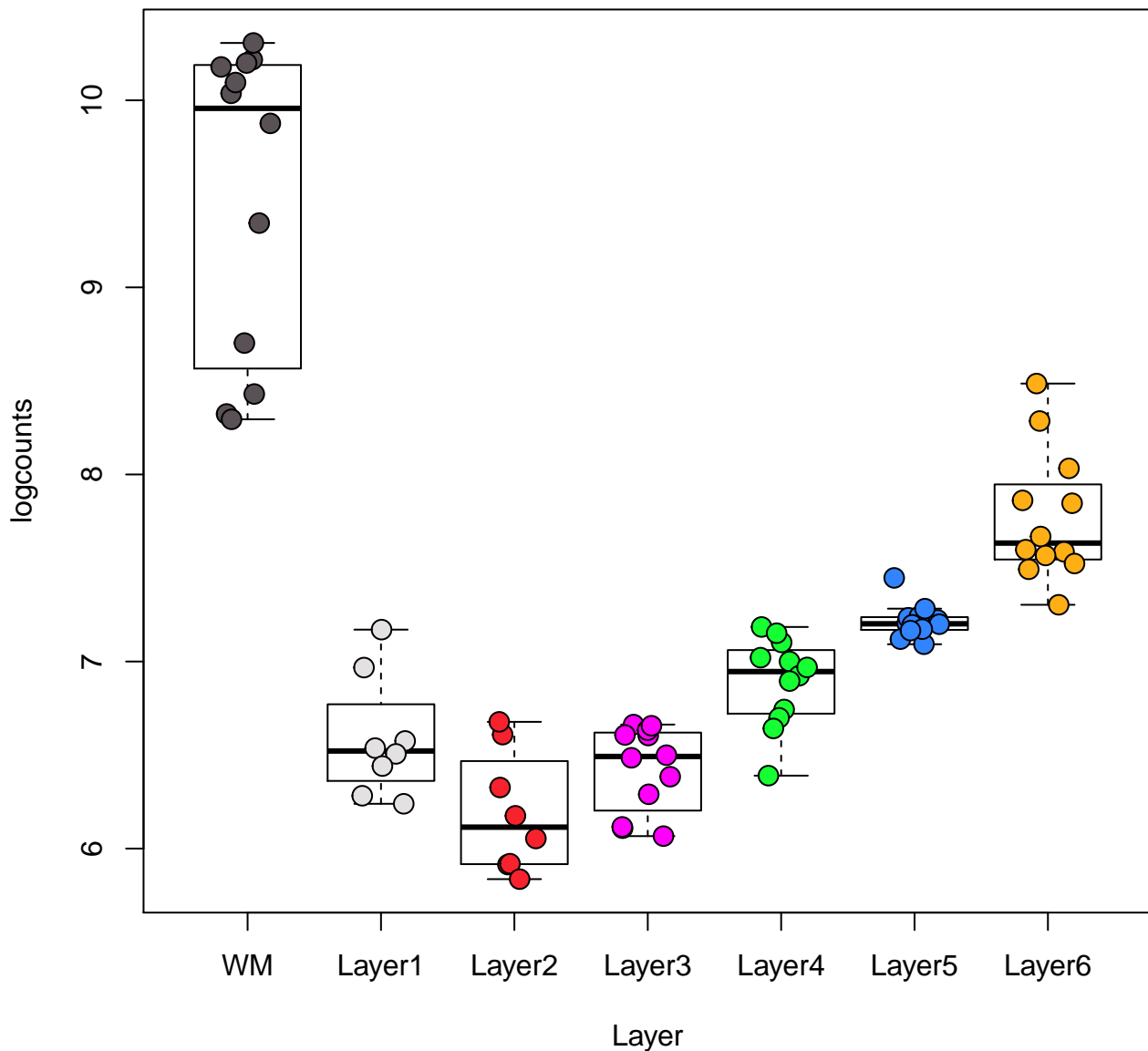
WM-L1\_r2;WM-L2\_r1;WM-L3\_r3;WM-L4\_r5;WM-L5\_r6;WM-L6\_r2



# BCAS1 ENSG00000064787 WM-Layer2

tstat 1.96e+01 p 2.14e-30

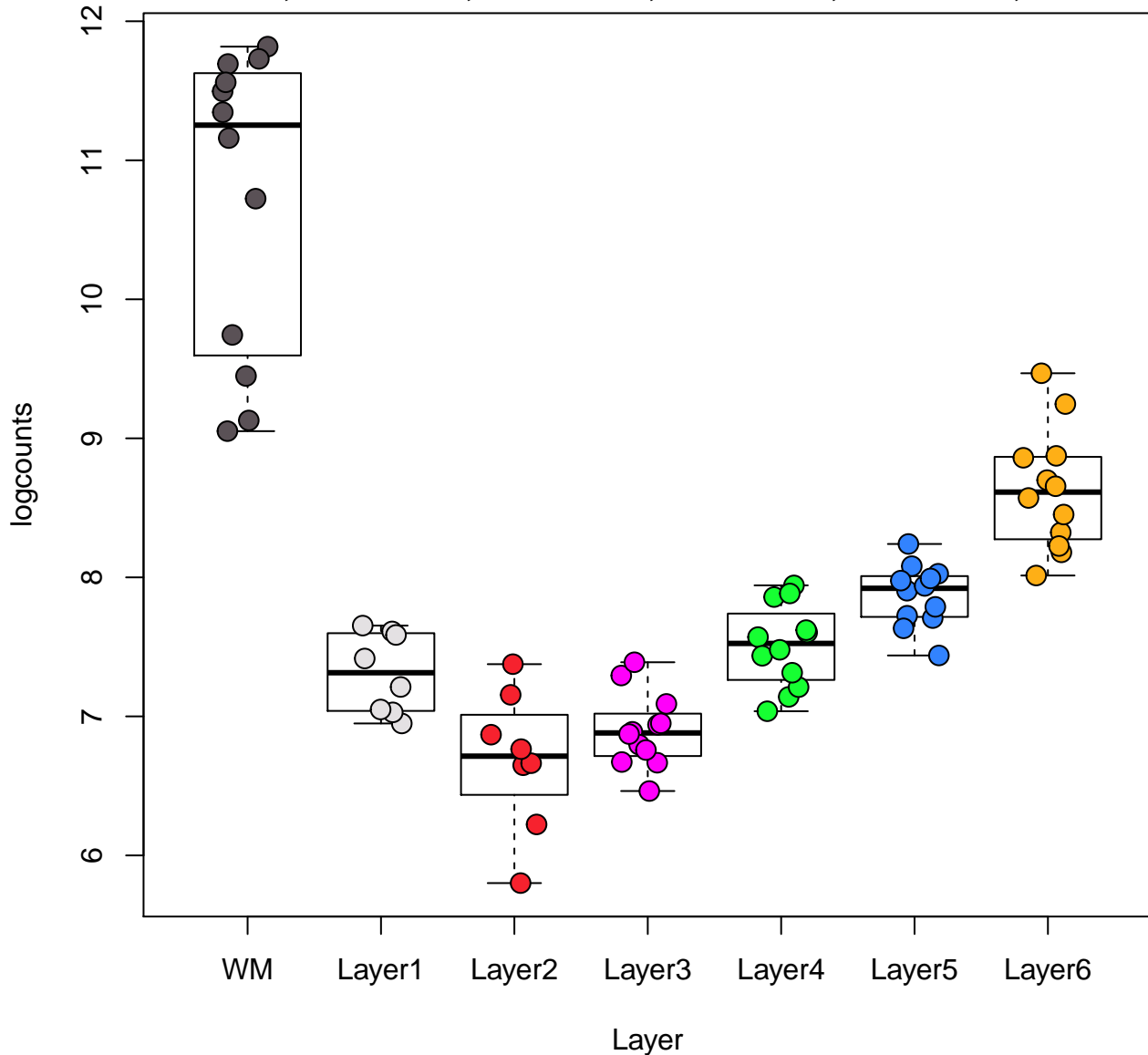
WM-L1\_r1;WM-L2\_r2;WM-L3\_r2;WM-L4\_r2;WM-L5\_r5;WM-L6\_r5



# MOBP ENSG00000168314 WM-Layer2

tstat 1.93e+01 p 4.54e-30

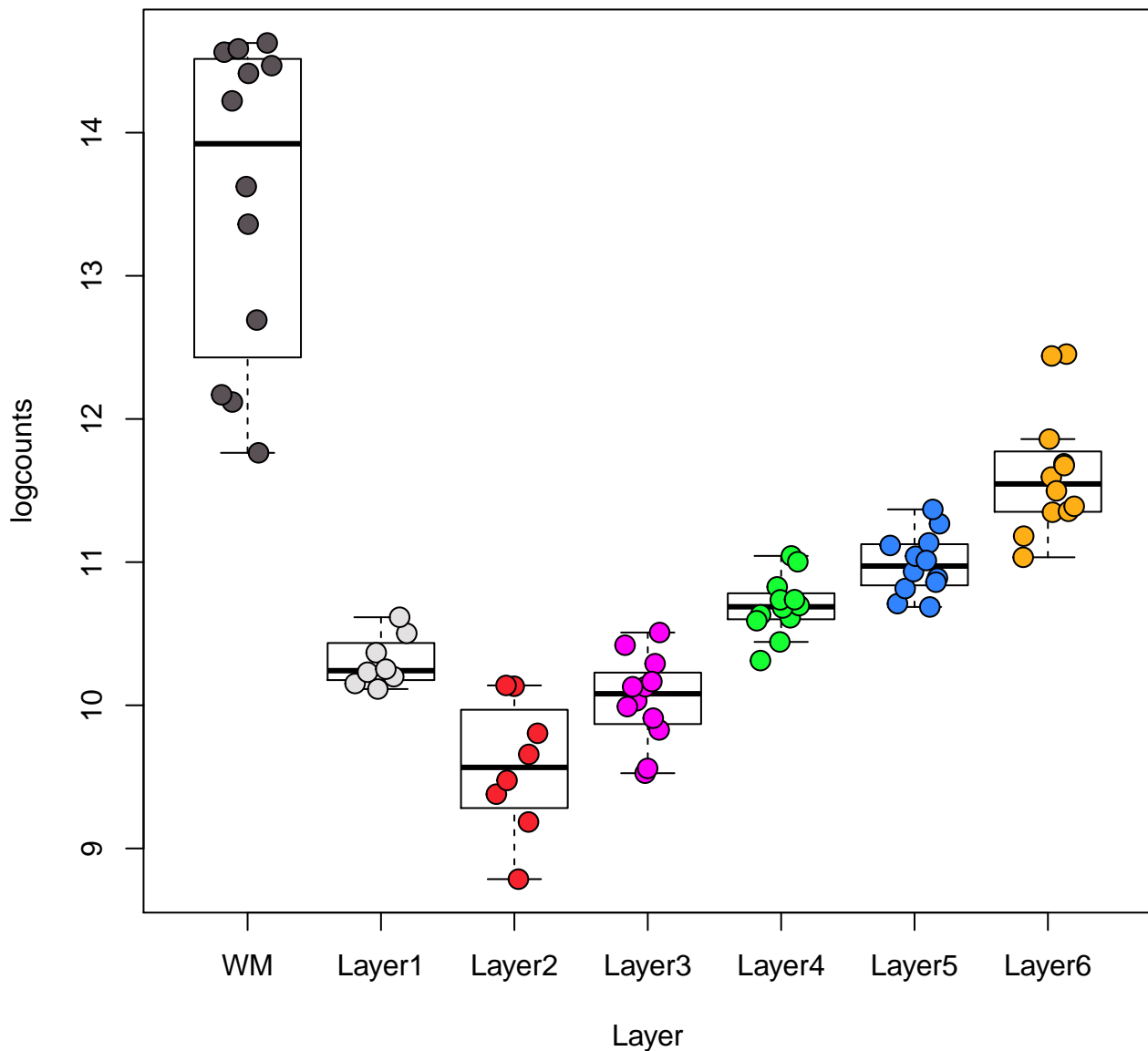
WM-L1\_r3;WM-L2\_r3;WM-L3\_r1;WM-L4\_r3;WM-L5\_r4;WM-L6\_r8



PLP1 ENSG00000123560 WM-Layer2

tstat 1.91e+01 p 9.48e-30

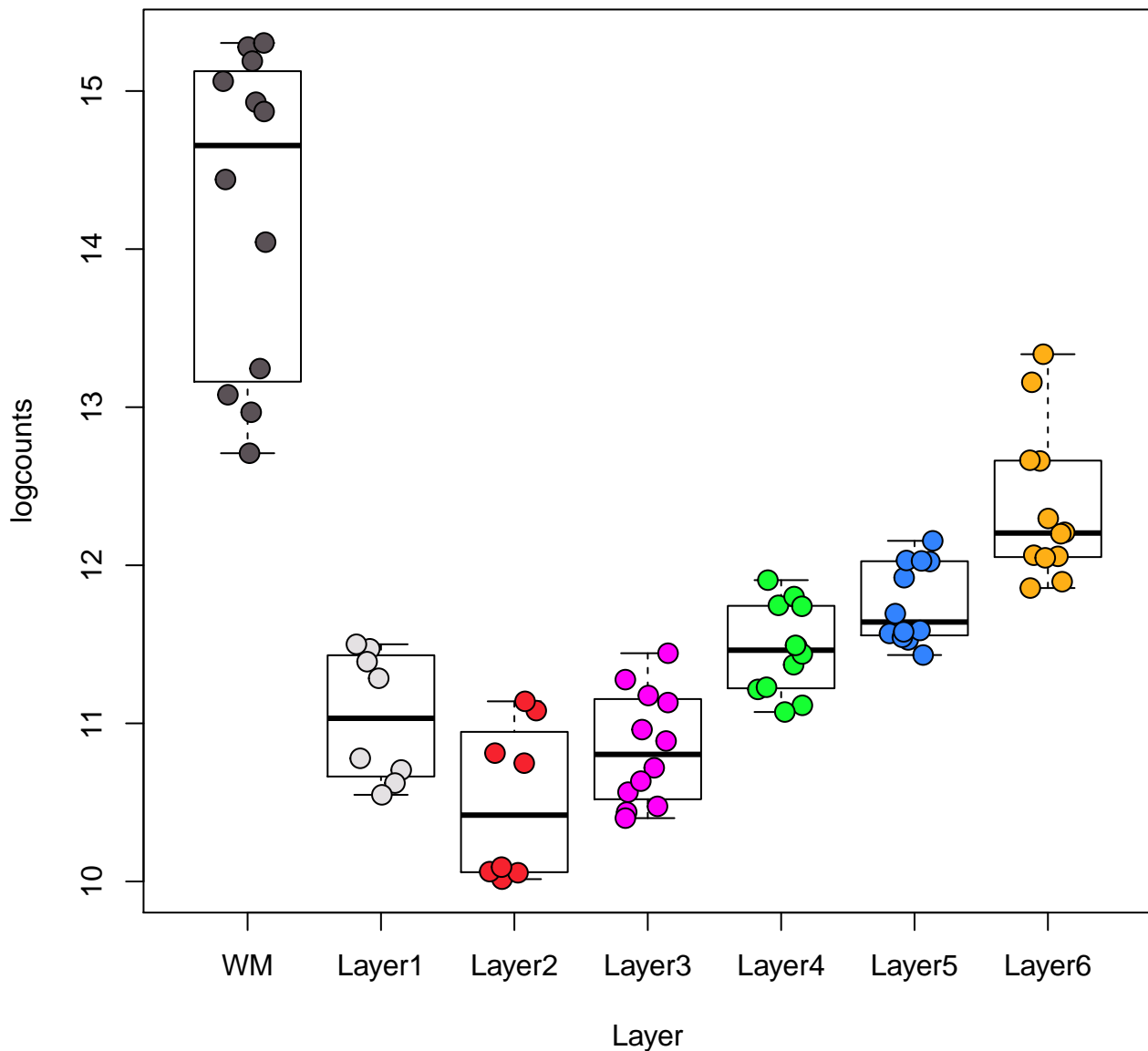
WM-L1\_r6;WM-L2\_r4;WM-L3\_r6



**MBP ENSG00000197971 WM-Layer2**

**tstat 1.90e+01 p 1.34e-29**

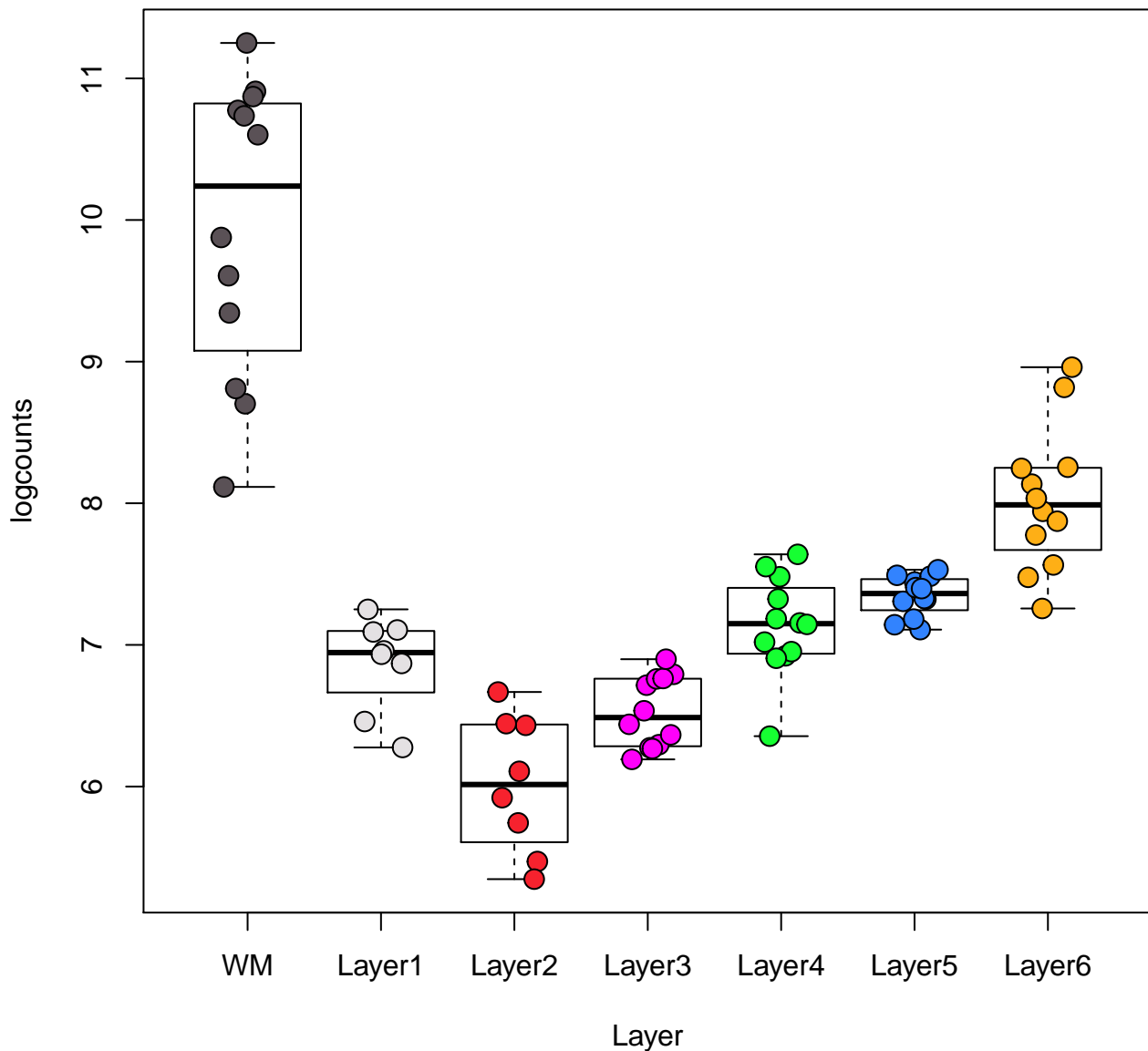
**WM-L1\_r4;WM-L2\_r5;WM-L3\_r5;WM-L4\_r9;WM-L5\_r9**



**MAG ENSG00000105695 WM-Layer2**

**tstat 1.87e+01 p 2.84e-29**

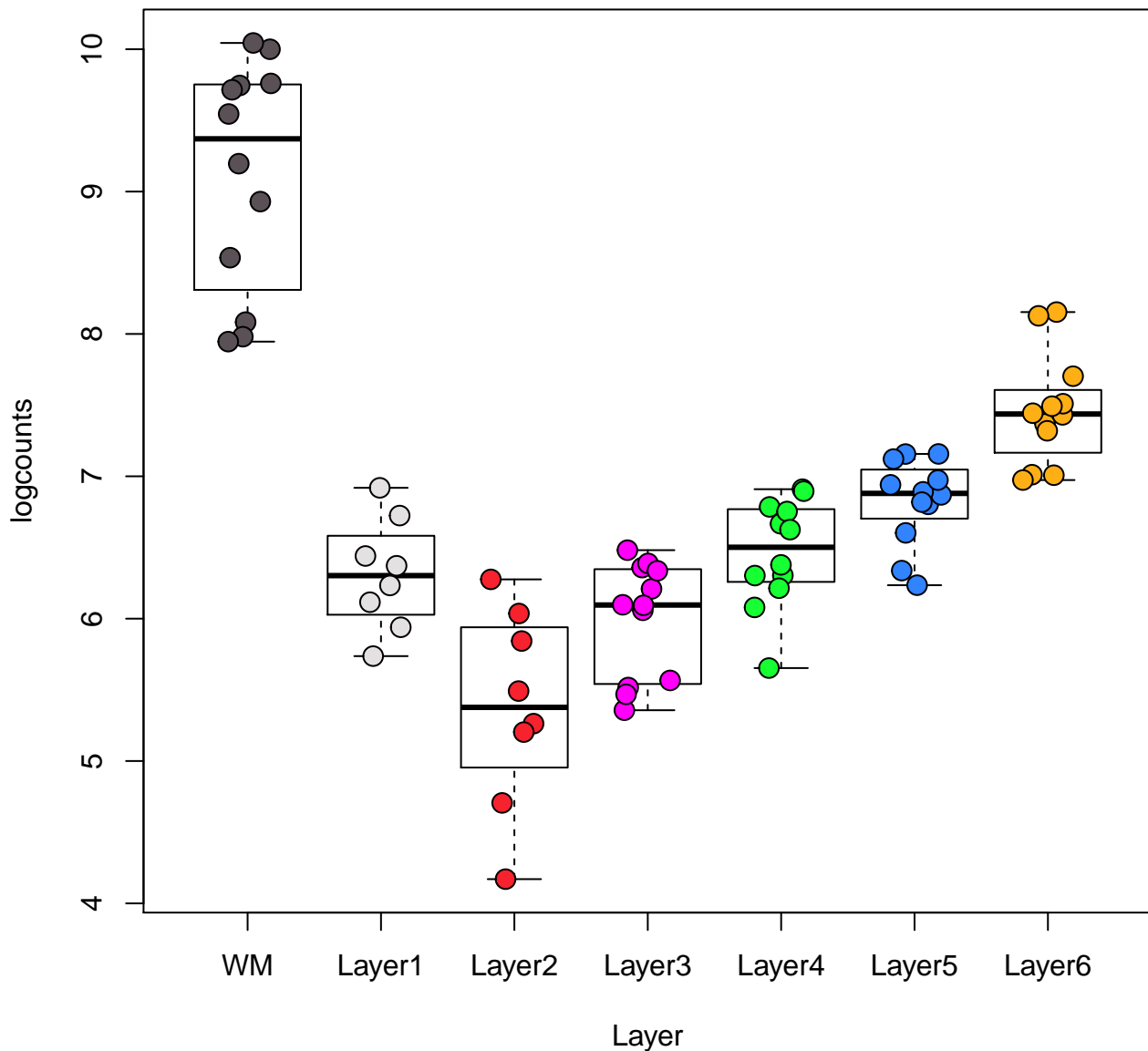
**WM-L1\_r10;WM-L2\_r6;WM-L3\_r7;WM-L5\_r10**



# OPALIN ENSG00000197430 WM-Layer2

tstat 1.82e+01 p 1.76e-28

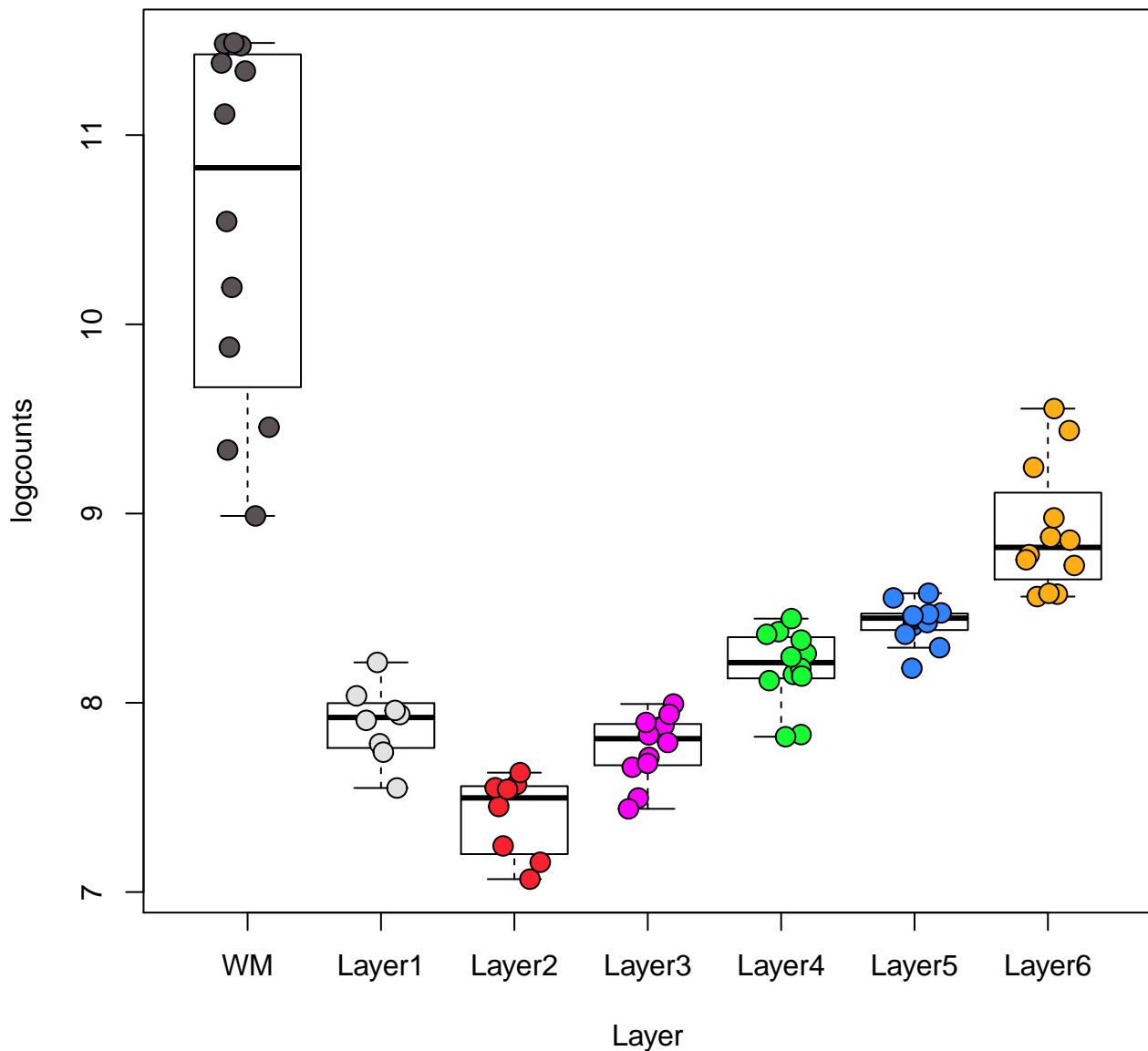
WM-L2\_r7



# CLDND1 ENSG00000080822 WM-Layer2

tstat 1.77e+01 p 7.41e-28

WM-L1\_r7;WM-L2\_r8;WM-L3\_r8

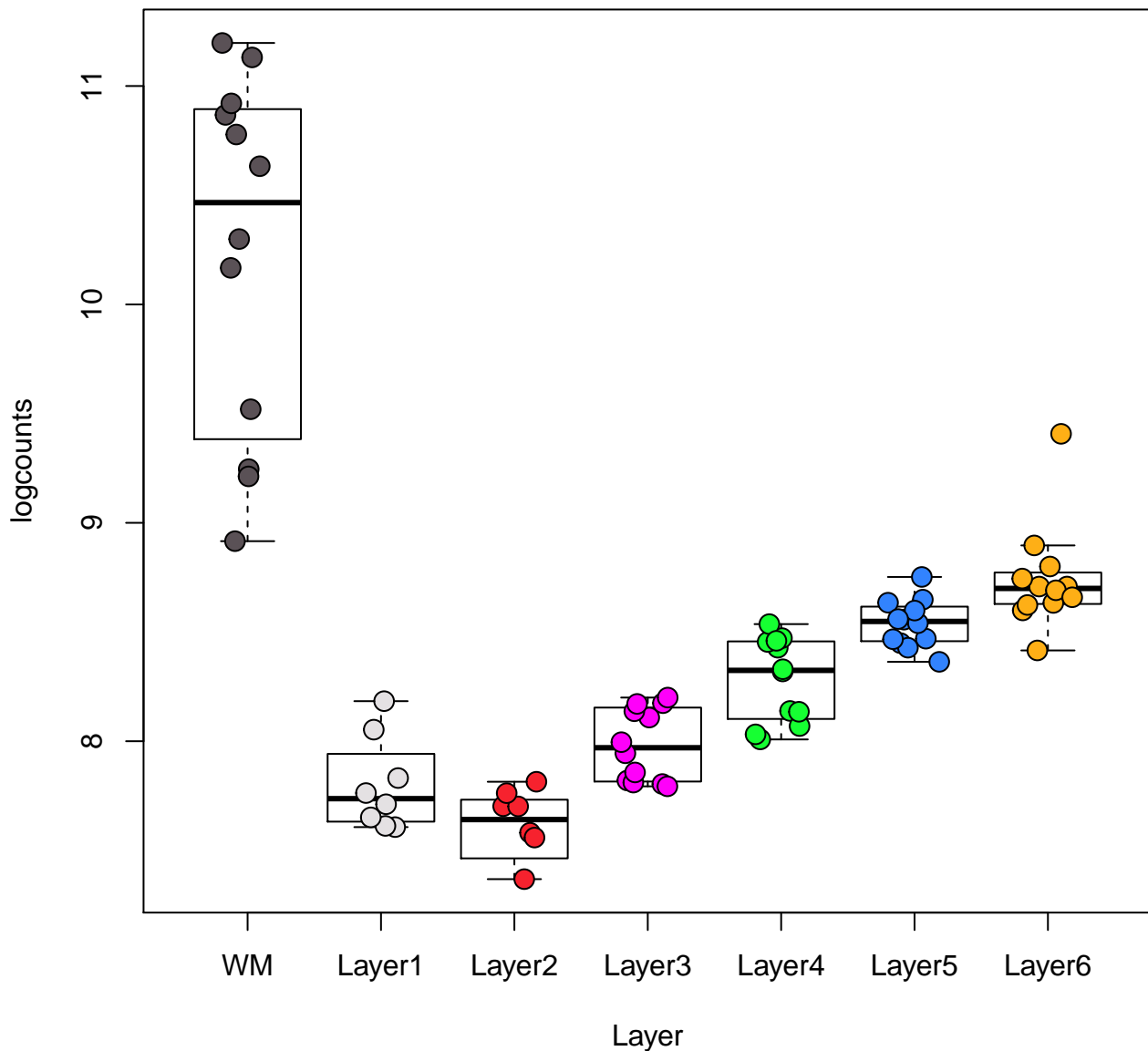




# SEPT4 ENSG00000108387 WM-Layer2

tstat  $1.73\text{e}+01$  p  $2.80\text{e}-27$

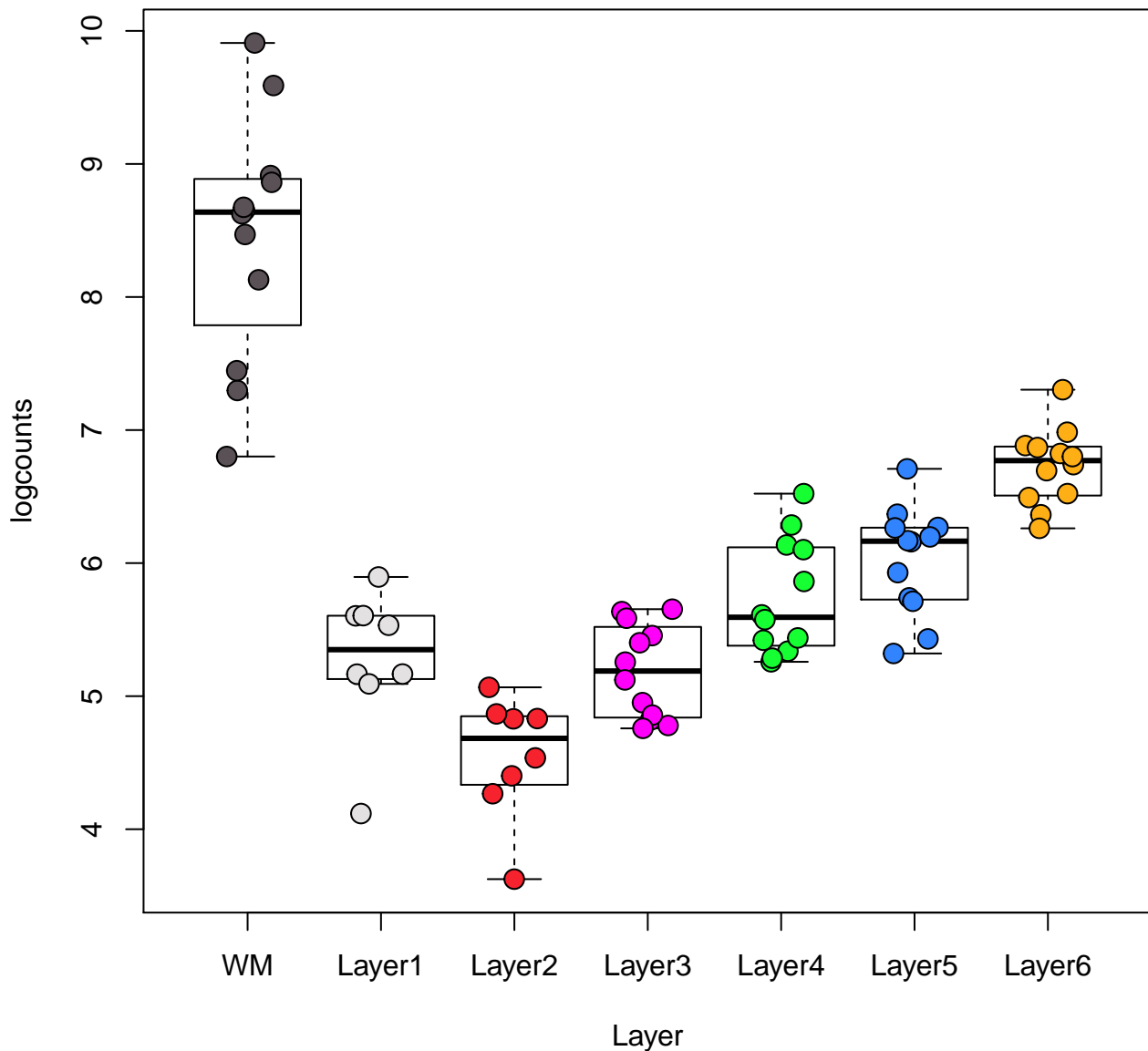
WM-L1\_r5;WM-L2\_r9



**EVI2A ENSG00000126860 WM-Layer2**

**tstat 1.72e+01 p 4.25e-27**

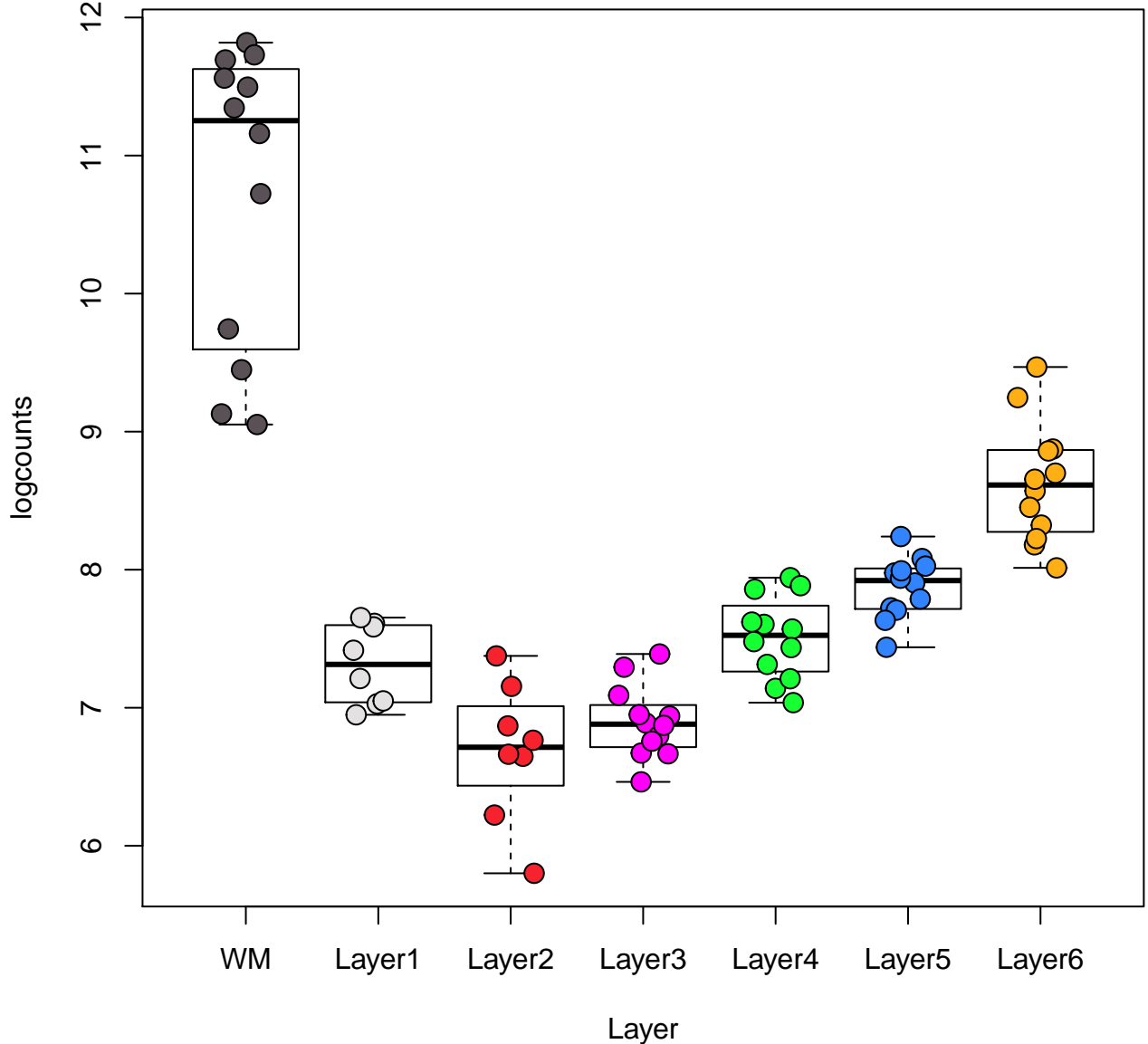
**WM-L2\_r10**



# MOBP ENSG00000168314 WM-Layer3

tstat 2.01e+01 p 3.88e-31

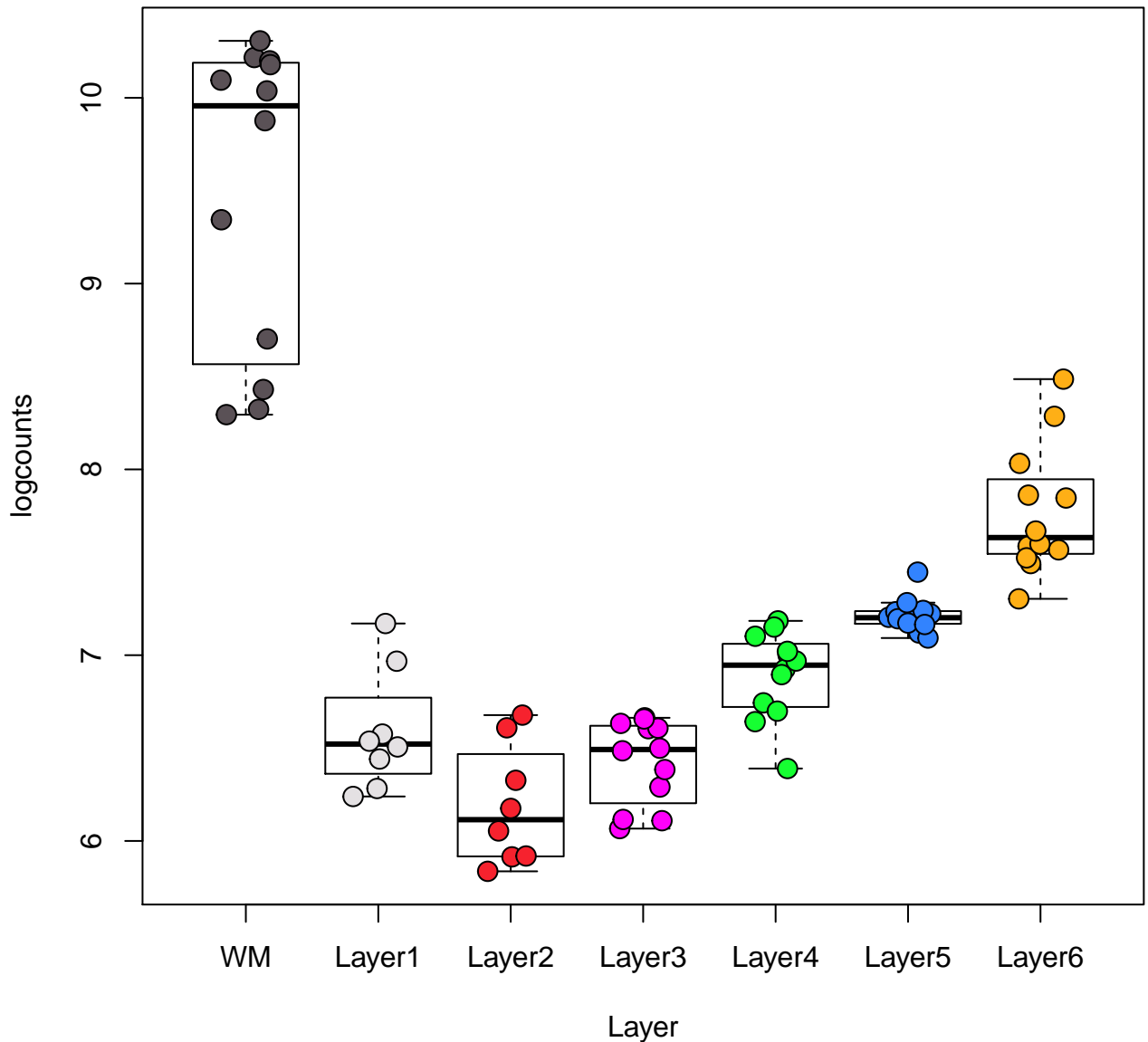
WM-L1\_r3;WM-L2\_r3;WM-L3\_r1;WM-L4\_r3;WM-L5\_r4;WM-L6\_r8



BCAS1 ENSG00000064787 WM-Layer3

tstat 2.01e+01 p 3.91e-31

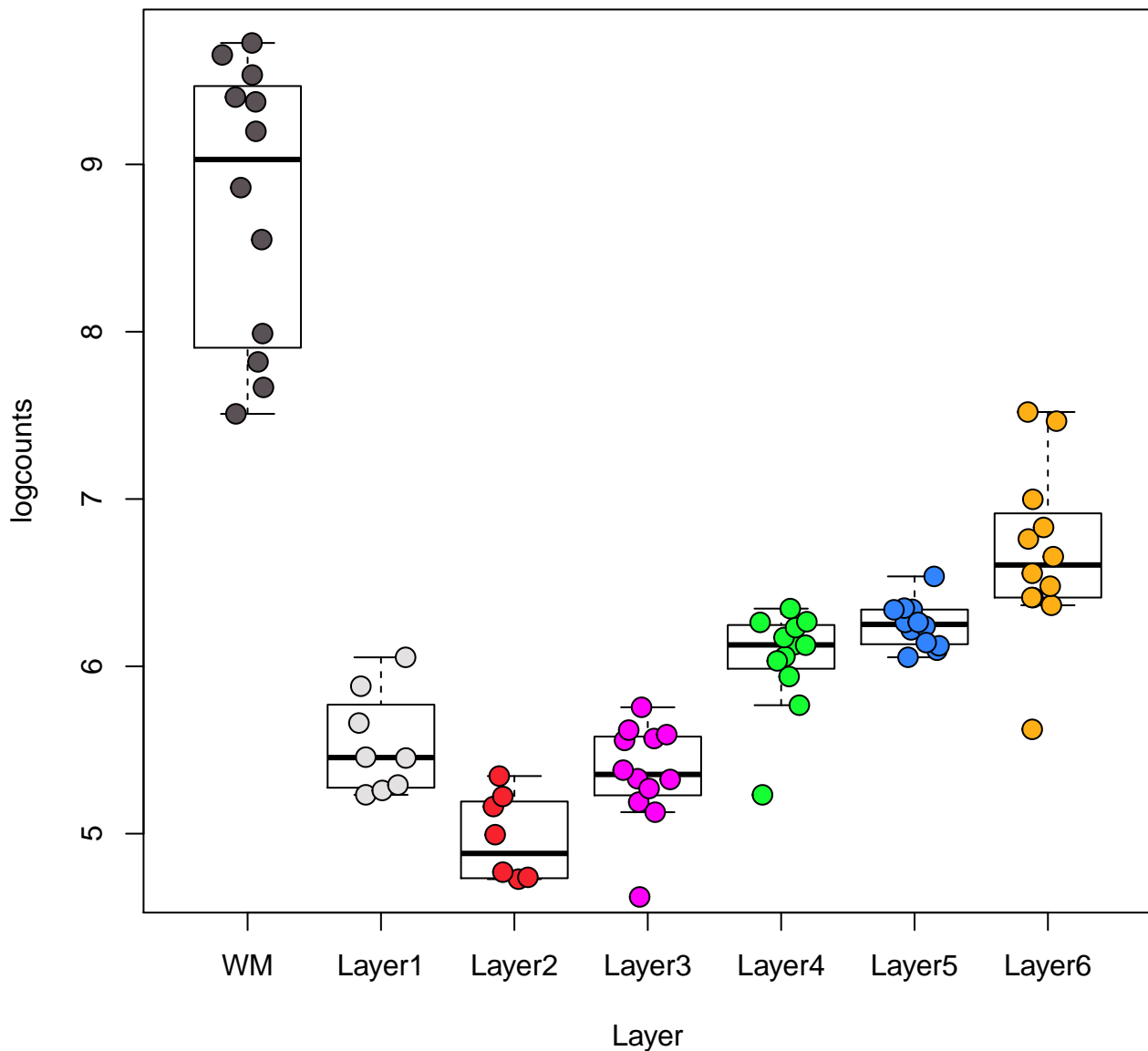
WM-L1\_r1;WM-L2\_r2;WM-L3\_r2;WM-L4\_r2;WM-L5\_r5;WM-L6\_r5



MYRF ENSG00000124920 WM-Layer3

tstat 2.01e+01 p 3.96e-31

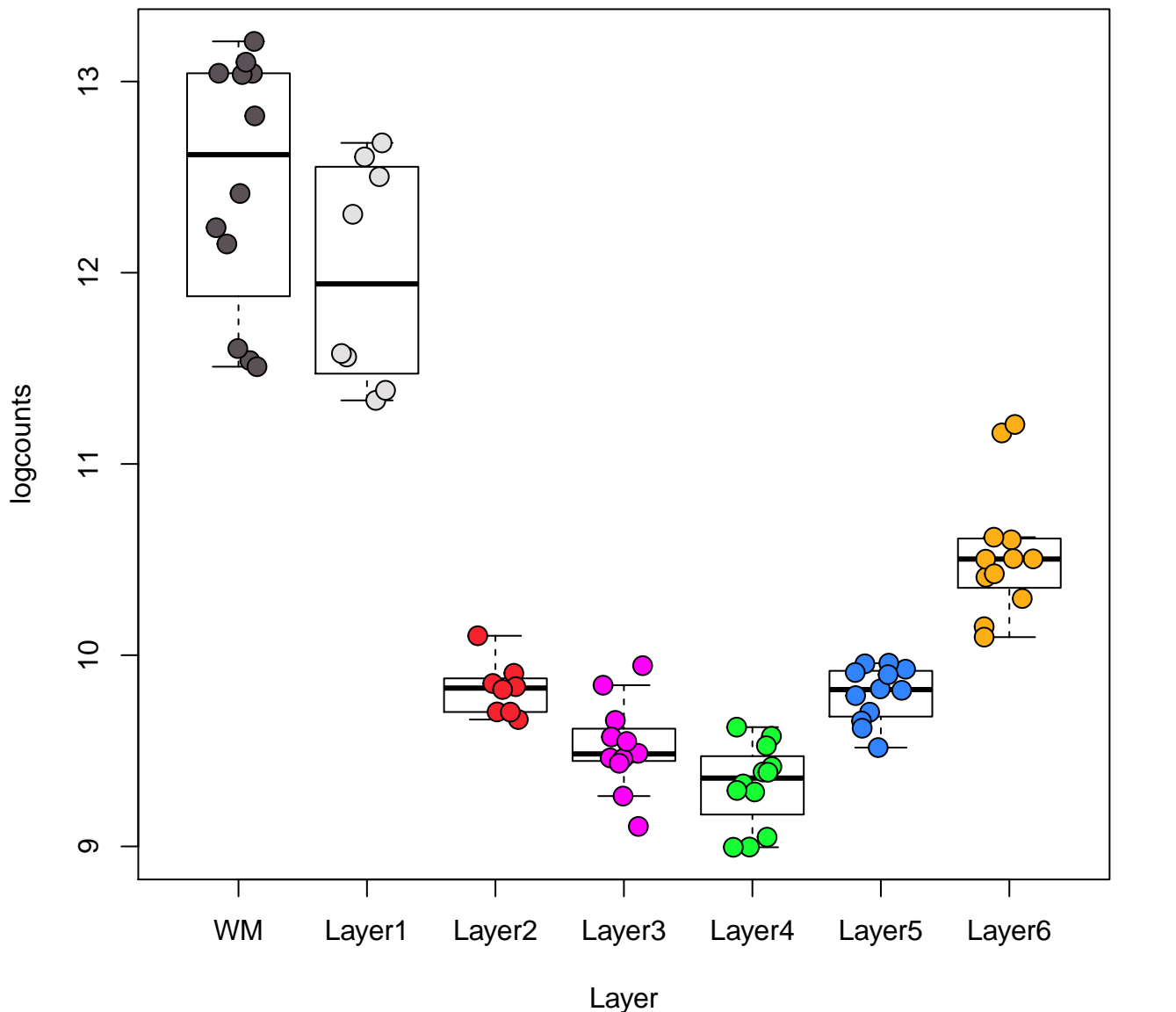
WM-L1\_r2;WM-L2\_r1;WM-L3\_r3;WM-L4\_r5;WM-L5\_r6;WM-L6\_r2



# GFAP ENSG00000131095 WM-Layer3

tstat 1.98e+01 p 8.79e-31

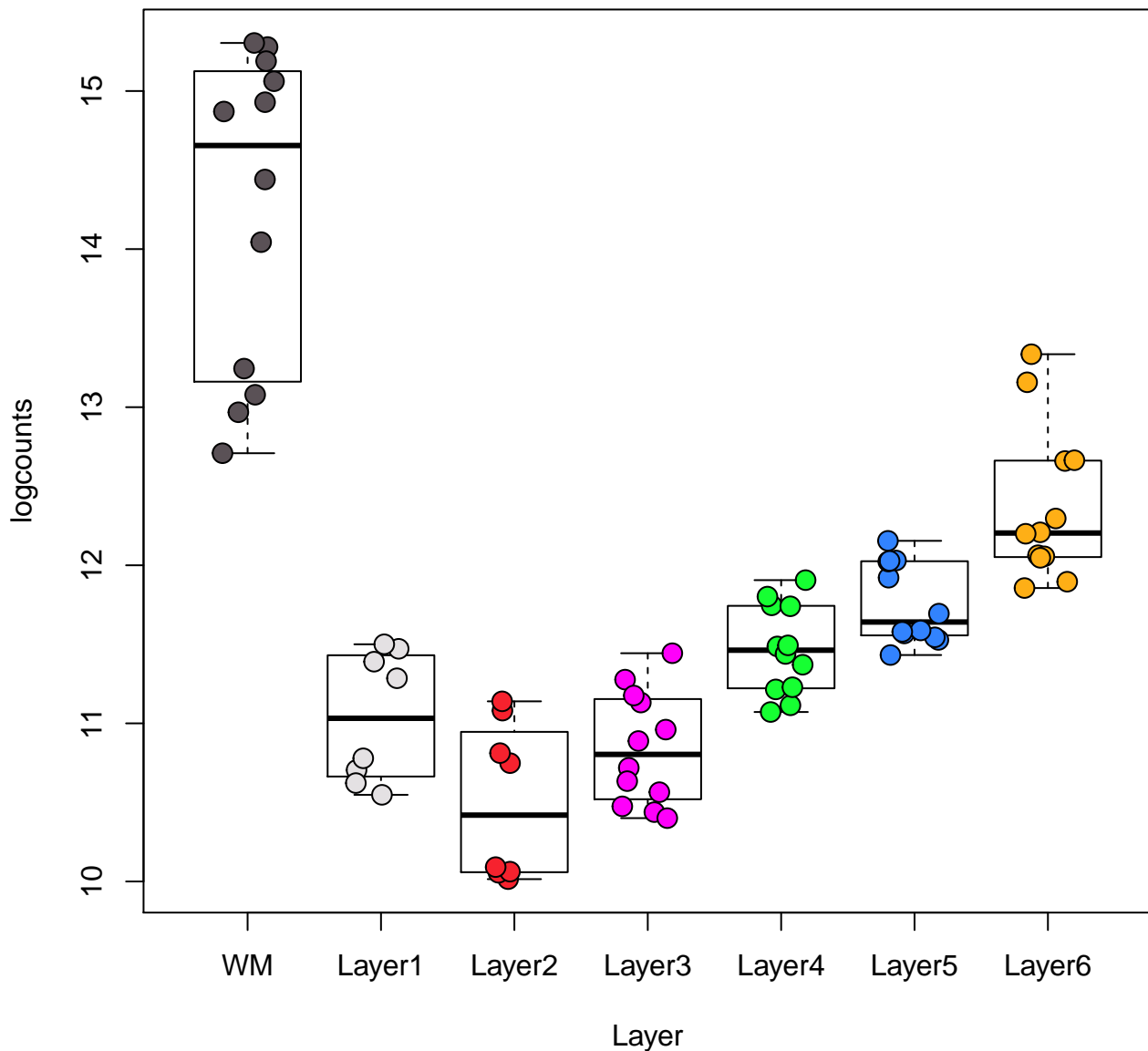
WM-L3\_r4;WM-L4\_r1;WM-L5\_r1;WM-L6\_r1;L1-L2\_r1;L1-L3\_r2;L1-L4\_r1



**MBP ENSG00000197971 WM-Layer3**

**tstat 1.90e+01 p 1.33e-29**

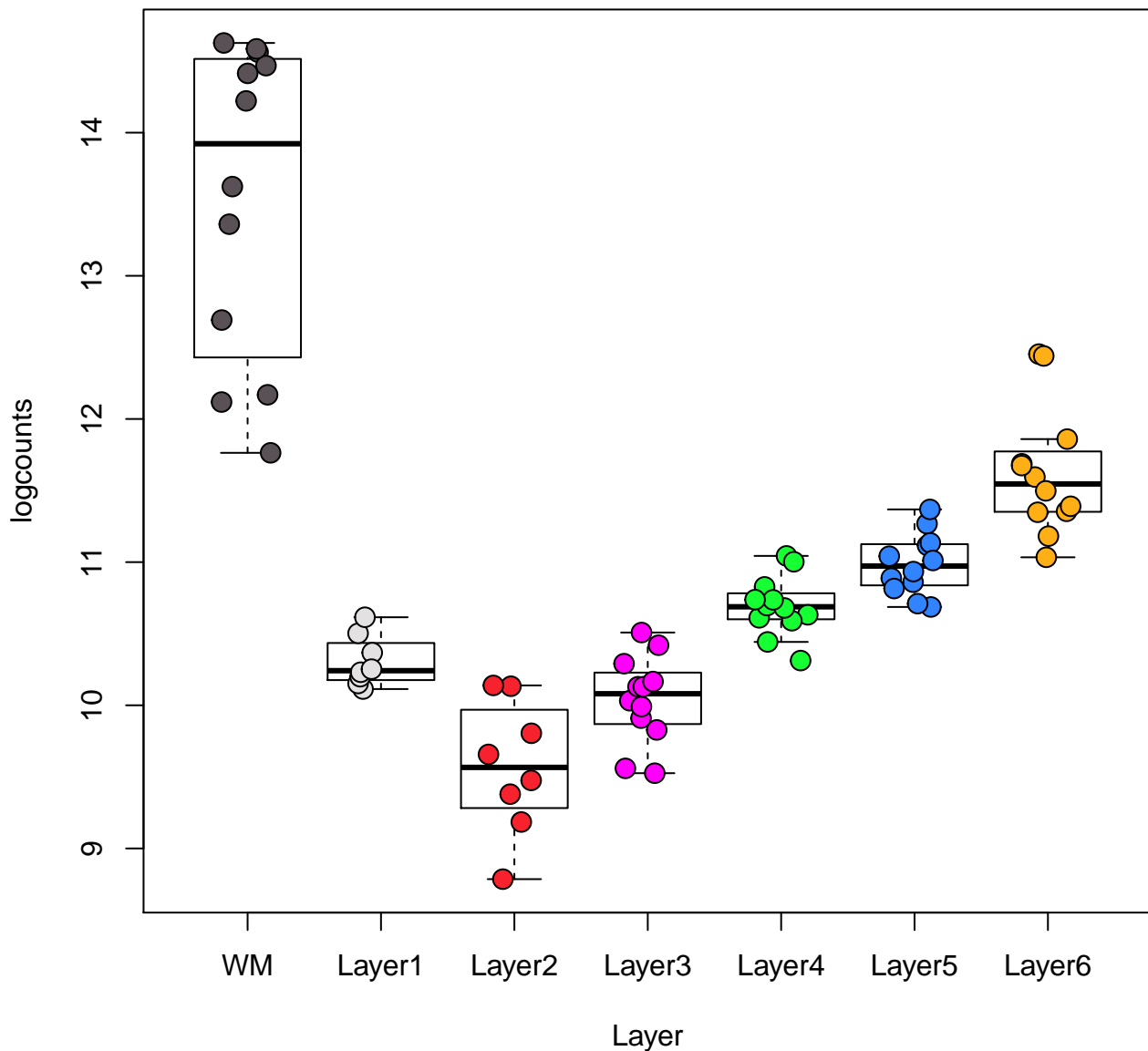
**WM-L1\_r4;WM-L2\_r5;WM-L3\_r5;WM-L4\_r9;WM-L5\_r9**



PLP1 ENSG00000123560 WM-Layer3

tstat 1.86e+01 p 4.42e-29

WM-L1\_r6;WM-L2\_r4;WM-L3\_r6

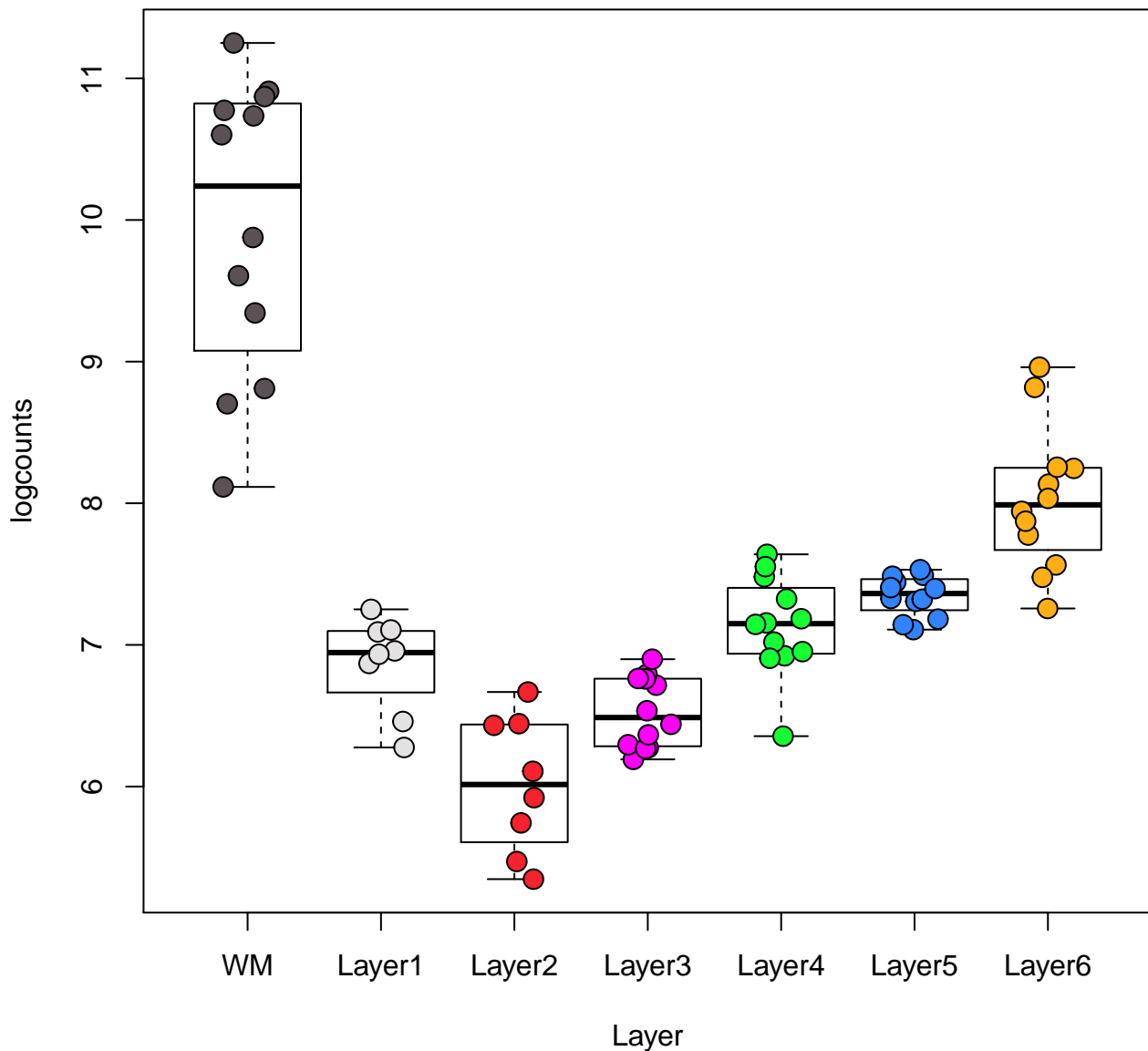




**MAG ENSG00000105695 WM-Layer3**

**tstat 1.81e+01 p 2.27e-28**

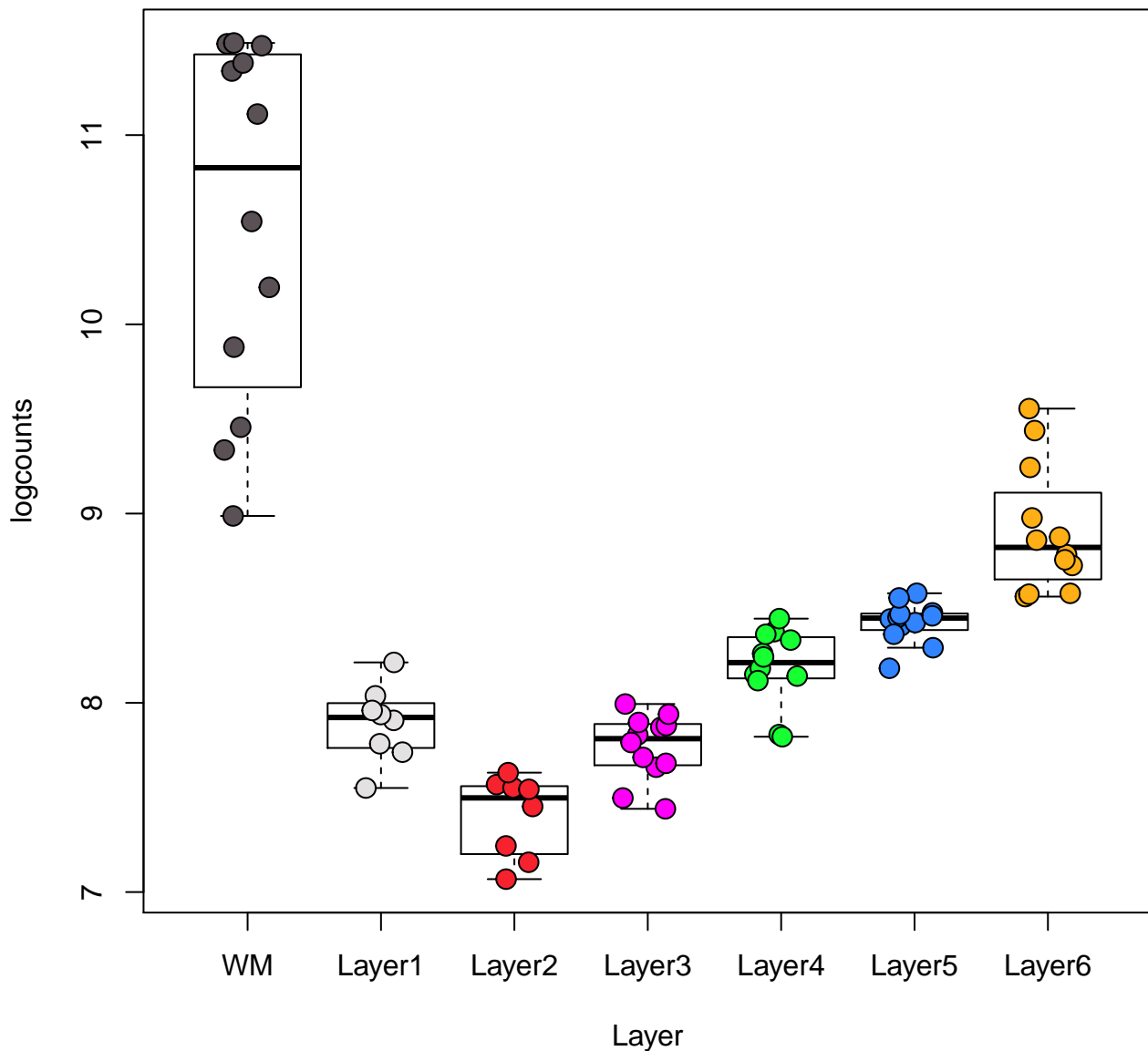
**WM-L1\_r10;WM-L2\_r6;WM-L3\_r7;WM-L5\_r10**



# CLDND1 ENSG00000080822 WM-Layer3

tstat 1.74e+01 p 2.34e-27

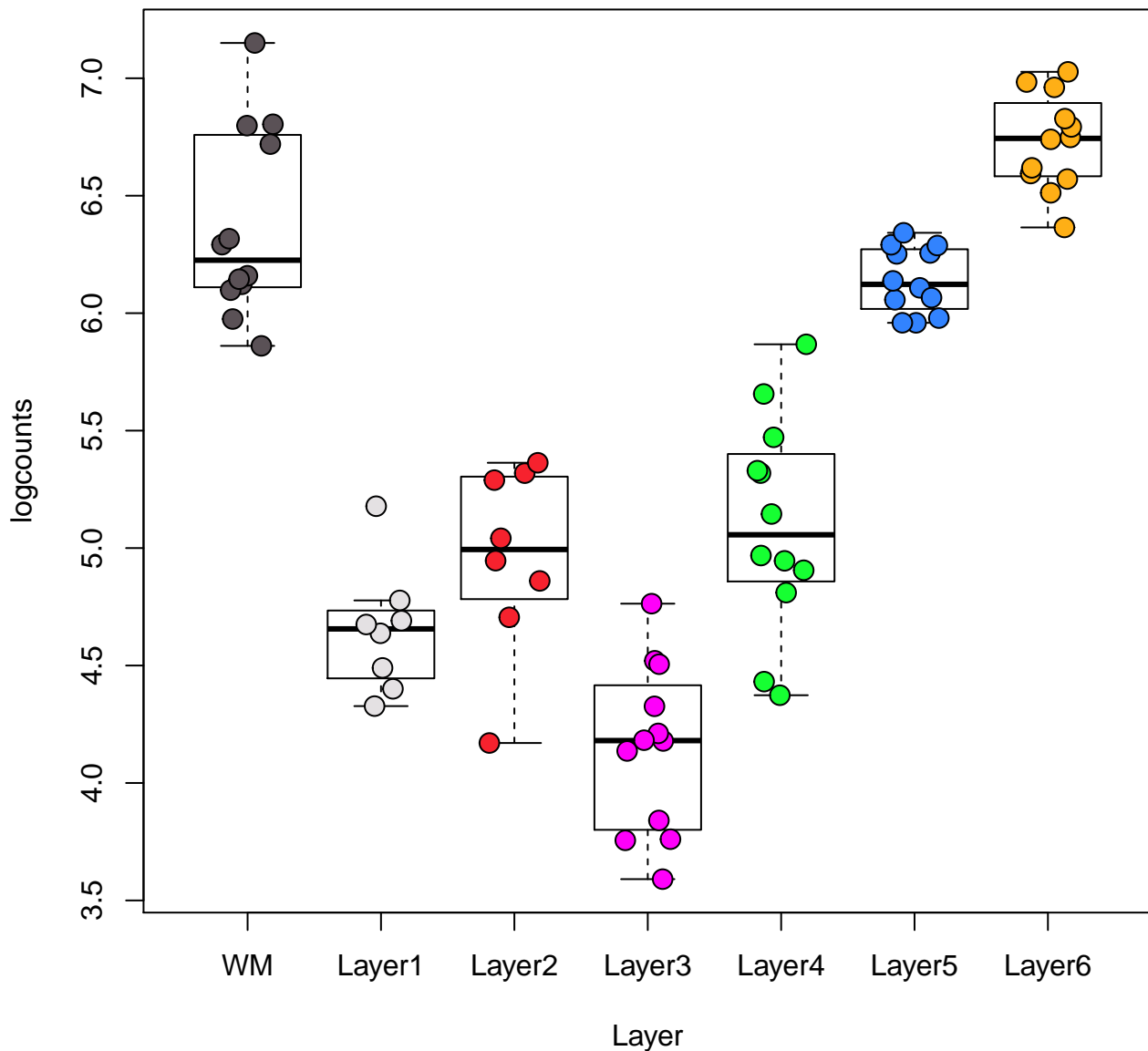
WM-L1\_r7;WM-L2\_r8;WM-L3\_r8



# HS3ST4 ENSG00000182601 WM-Layer3

tstat 1.73e+01 p 3.55e-27

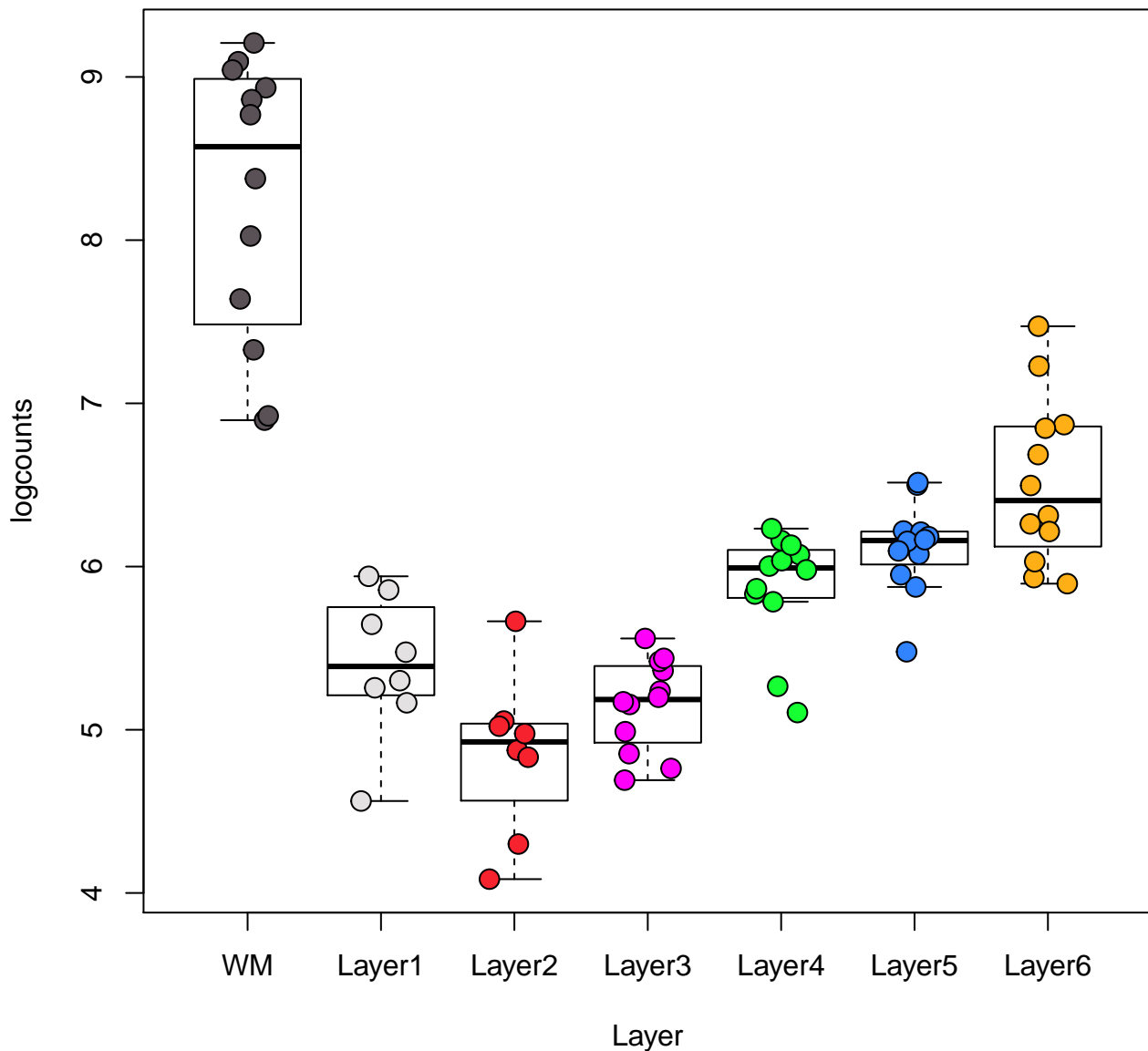
WM-L3\_r9;L6-L1\_r4;L4-L3\_r2;L5-L3\_r1;L6-L3\_r2;L5-L4\_r7;L6-L4\_r5



**LPAR1 ENSG00000198121 WM-Layer3**

**tstat 1.72e+01 p 3.80e-27**

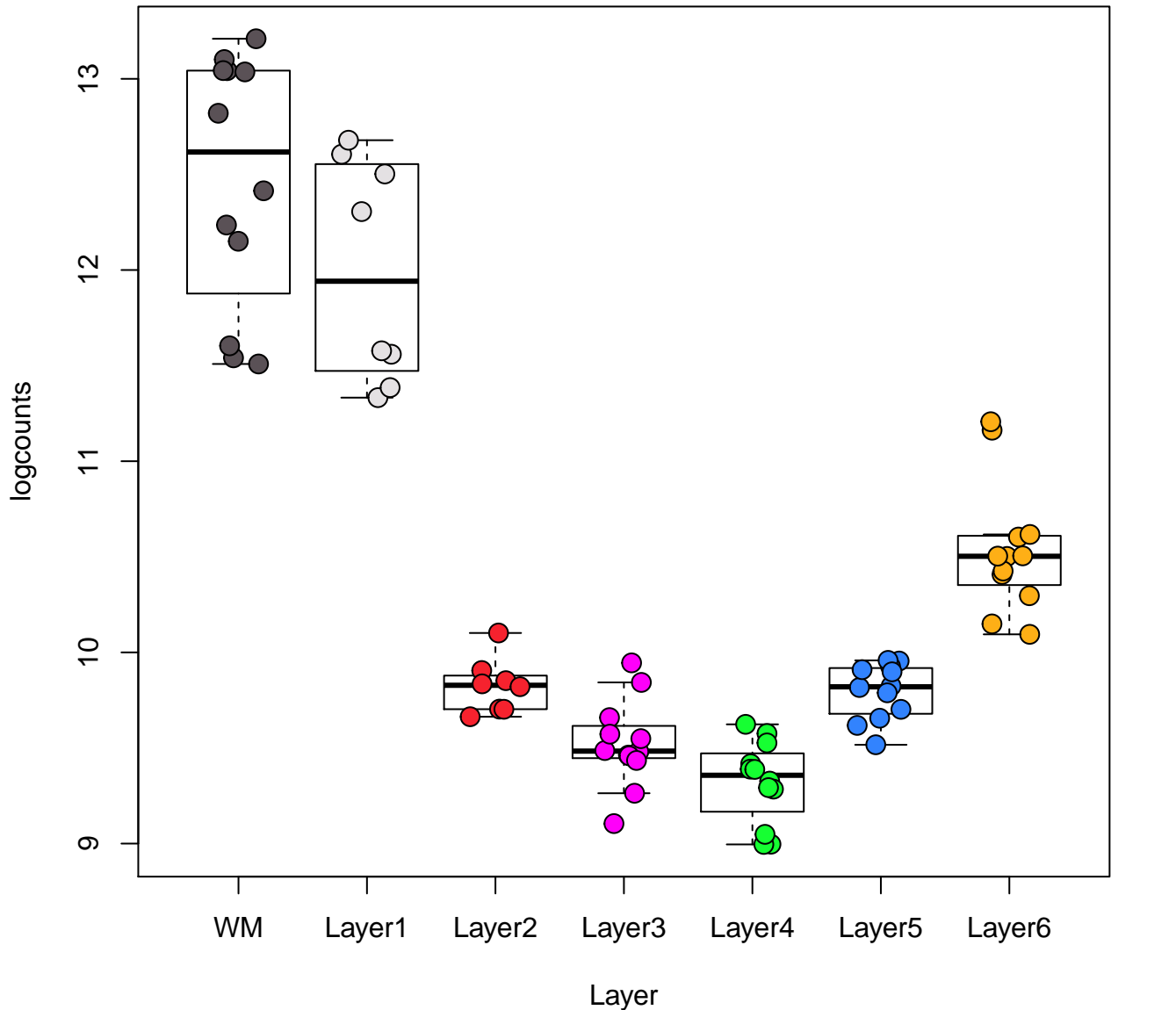
**WM-L3\_r10**



# GFAP ENSG00000131095 WM-Layer4

tstat 2.12e+01 p 1.61e-32

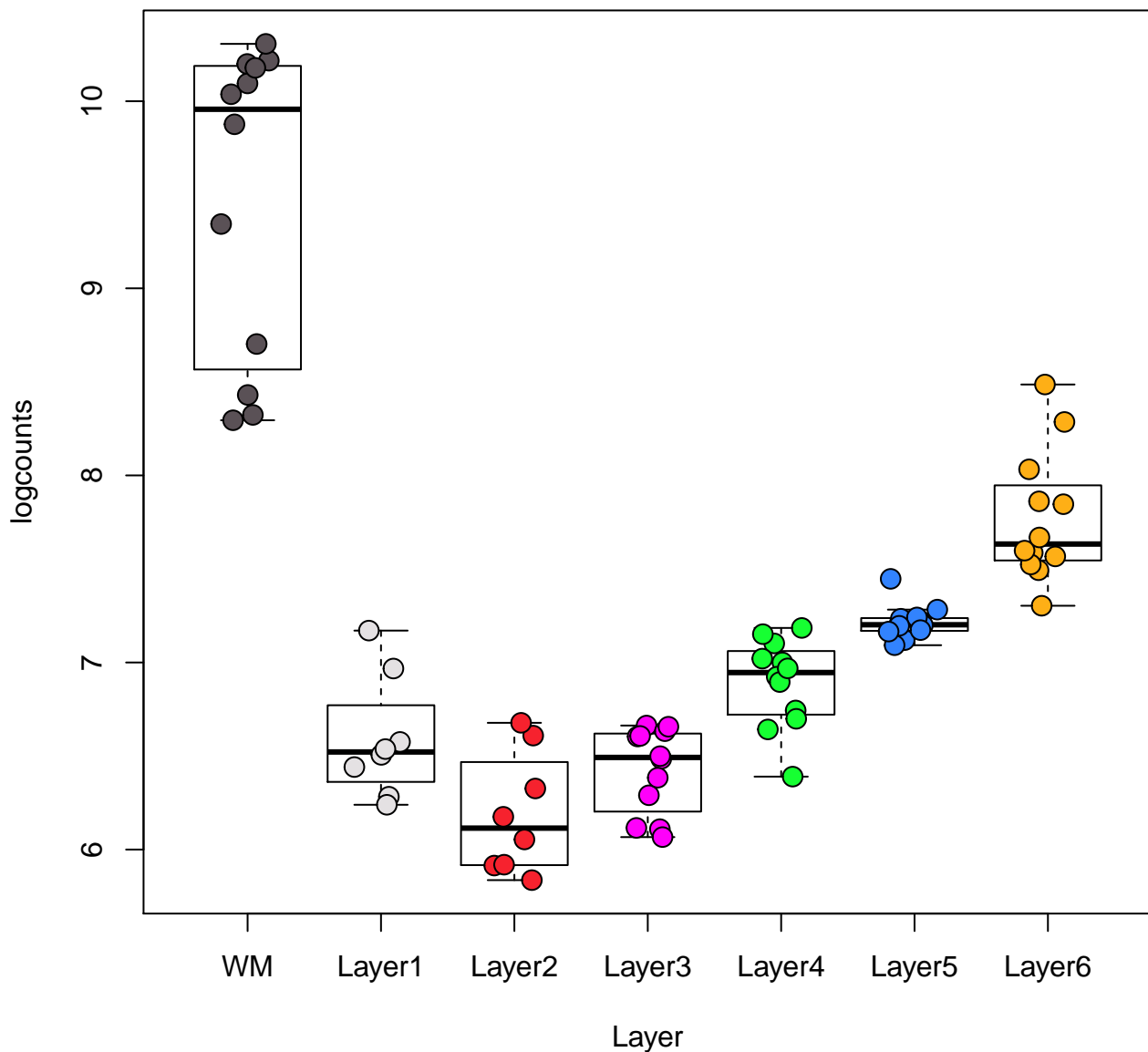
WM-L3\_r4;WM-L4\_r1;WM-L5\_r1;WM-L6\_r1;L1-L2\_r1;L1-L3\_r2;L1-L4\_r1



BCAS1 ENSG00000064787 WM-Layer4

tstat 1.71e+01 p 6.81e-27

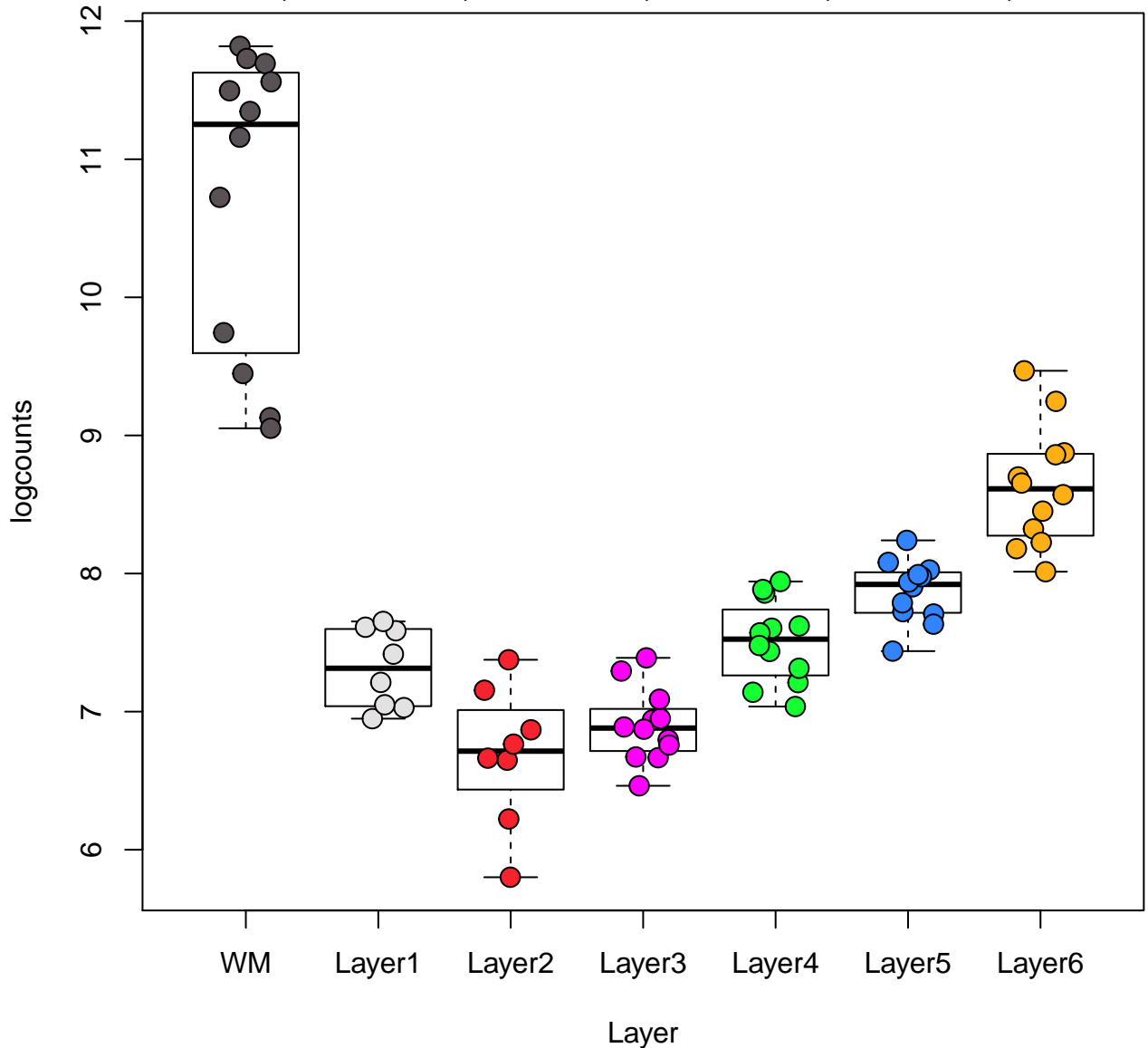
WM-L1\_r1;WM-L2\_r2;WM-L3\_r2;WM-L4\_r2;WM-L5\_r5;WM-L6\_r5



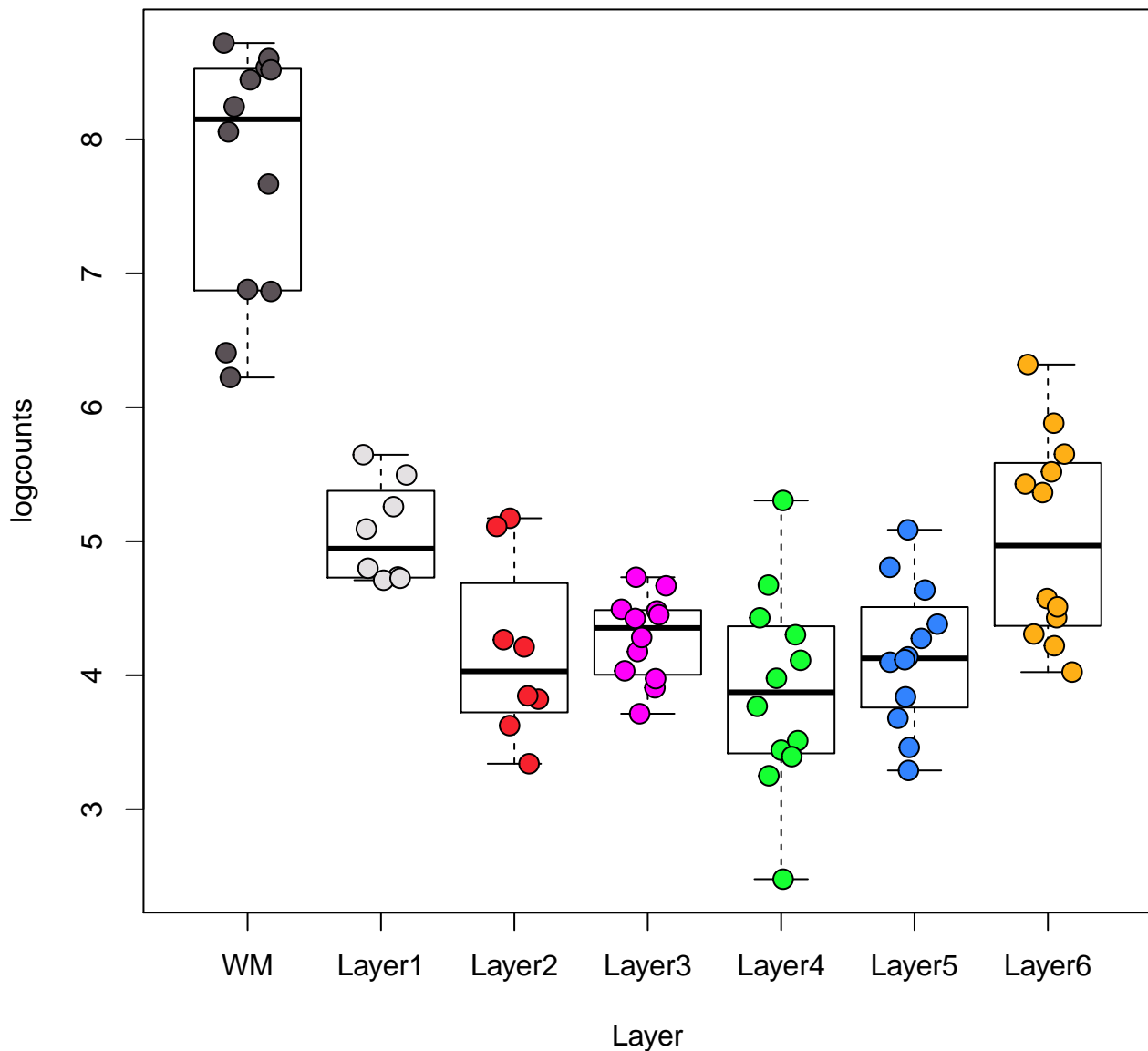
# MOBP ENSG00000168314 WM-Layer4

tstat 1.69e+01 p 1.06e-26

WM-L1\_r3;WM-L2\_r3;WM-L3\_r1;WM-L4\_r3;WM-L5\_r4;WM-L6\_r8



**AQP1 ENSG00000240583 WM-Layer4**  
**tstat 1.68e+01 p 1.79e-26**  
**WM\_r3;WM-L4\_r4;WM-L5\_r2;WM-L6\_r4**

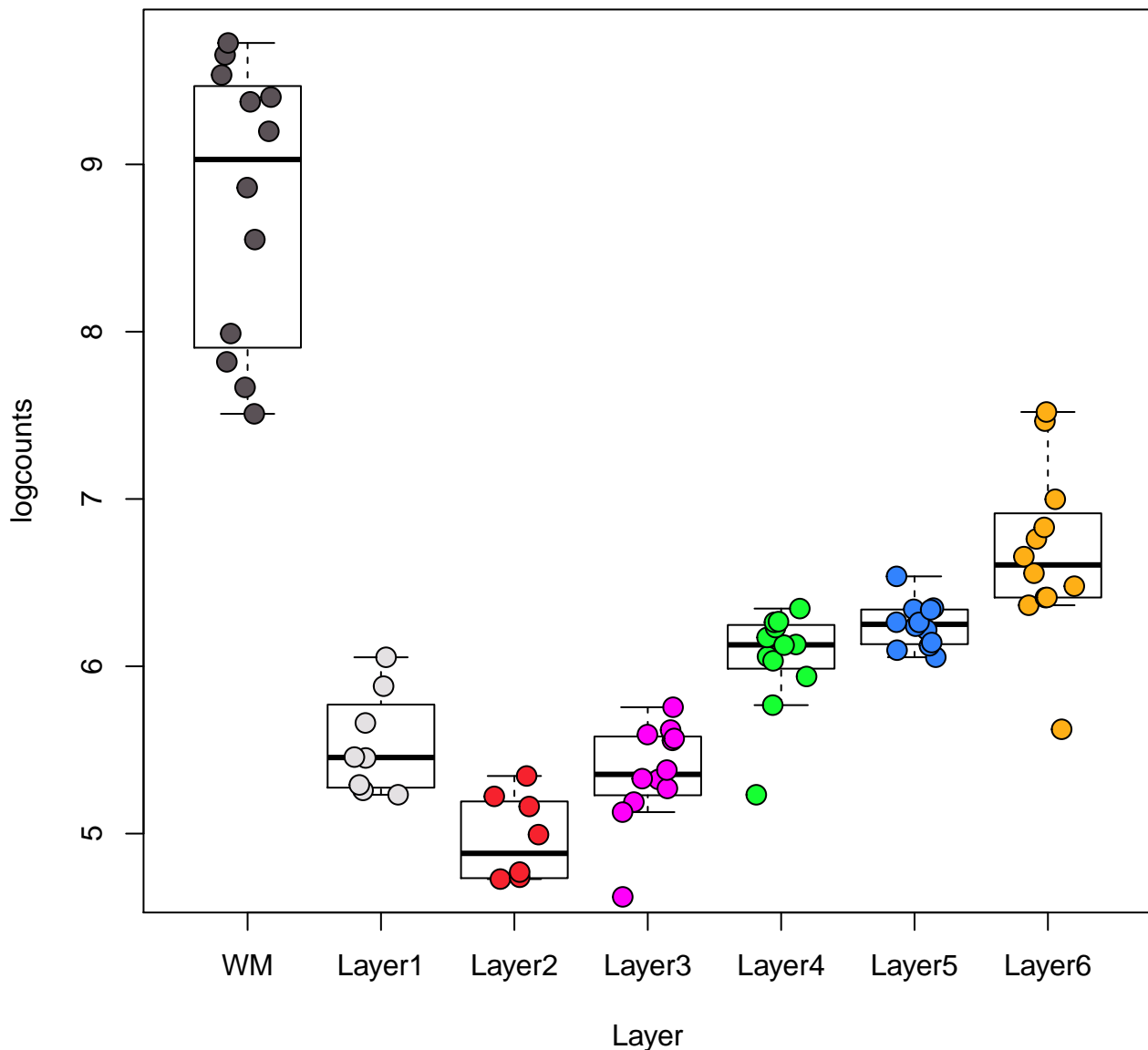




MYRF ENSG00000124920 WM-Layer4

tstat 1.61e+01 p 2.04e-25

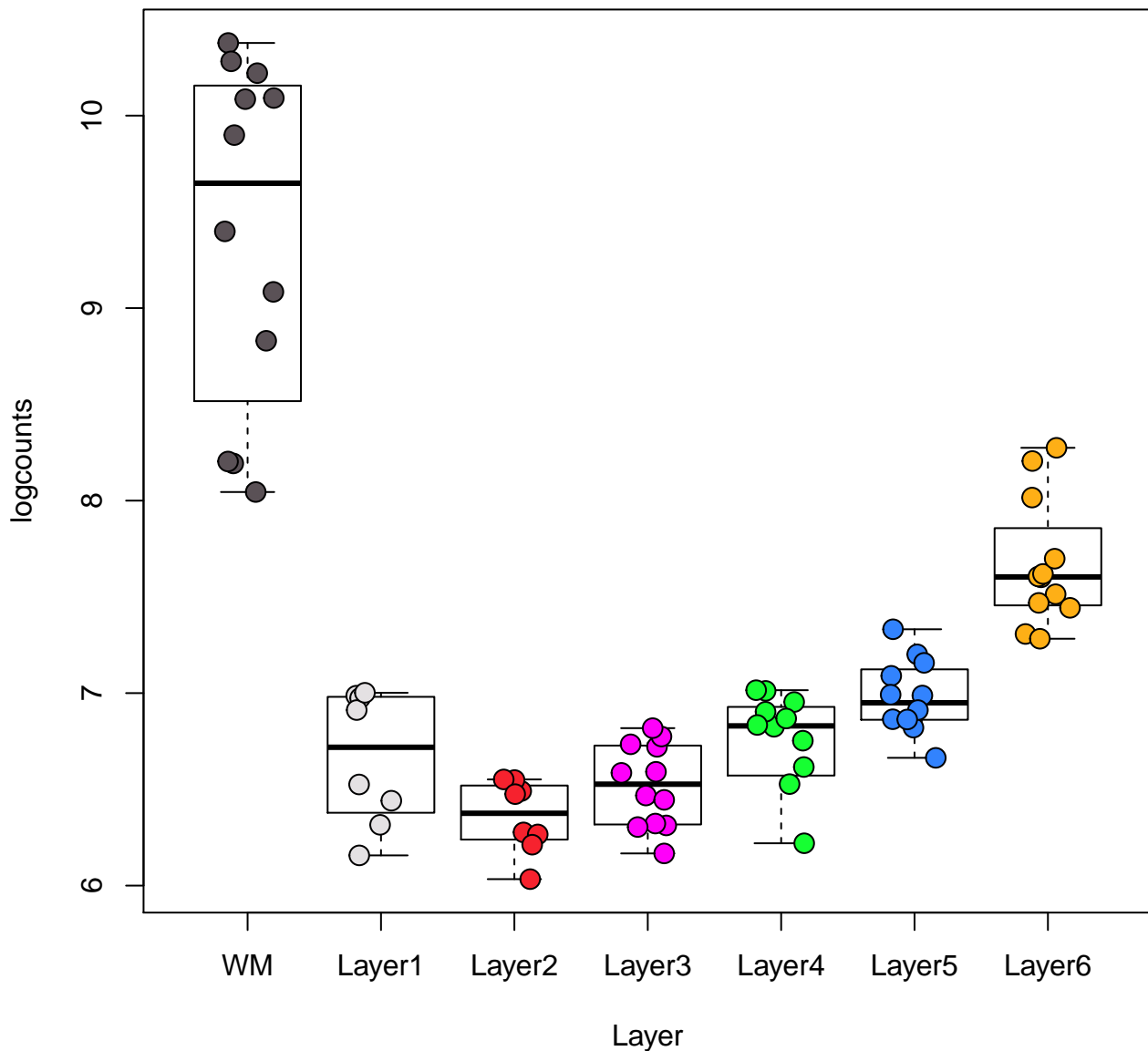
WM-L1\_r2;WM-L2\_r1;WM-L3\_r3;WM-L4\_r5;WM-L5\_r6;WM-L6\_r2



# MAL ENSG00000172005 WM-Layer4

tstat 1.58e+01 p 4.90e-25

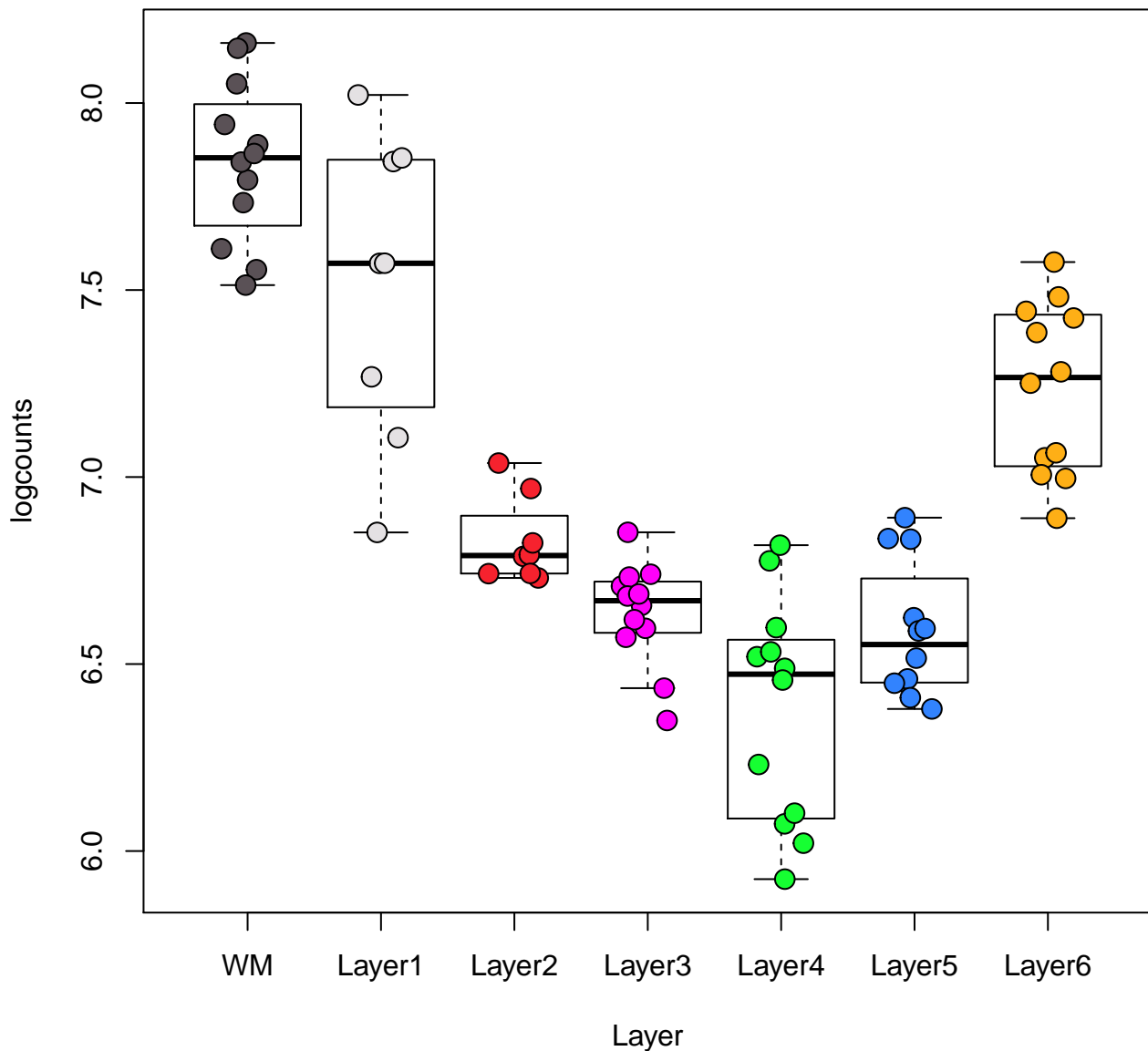
WM-L4\_r6;WM-L5\_r8



# NFIA ENSG00000162599 WM-Layer4

tstat 1.58e+01 p 5.98e-25

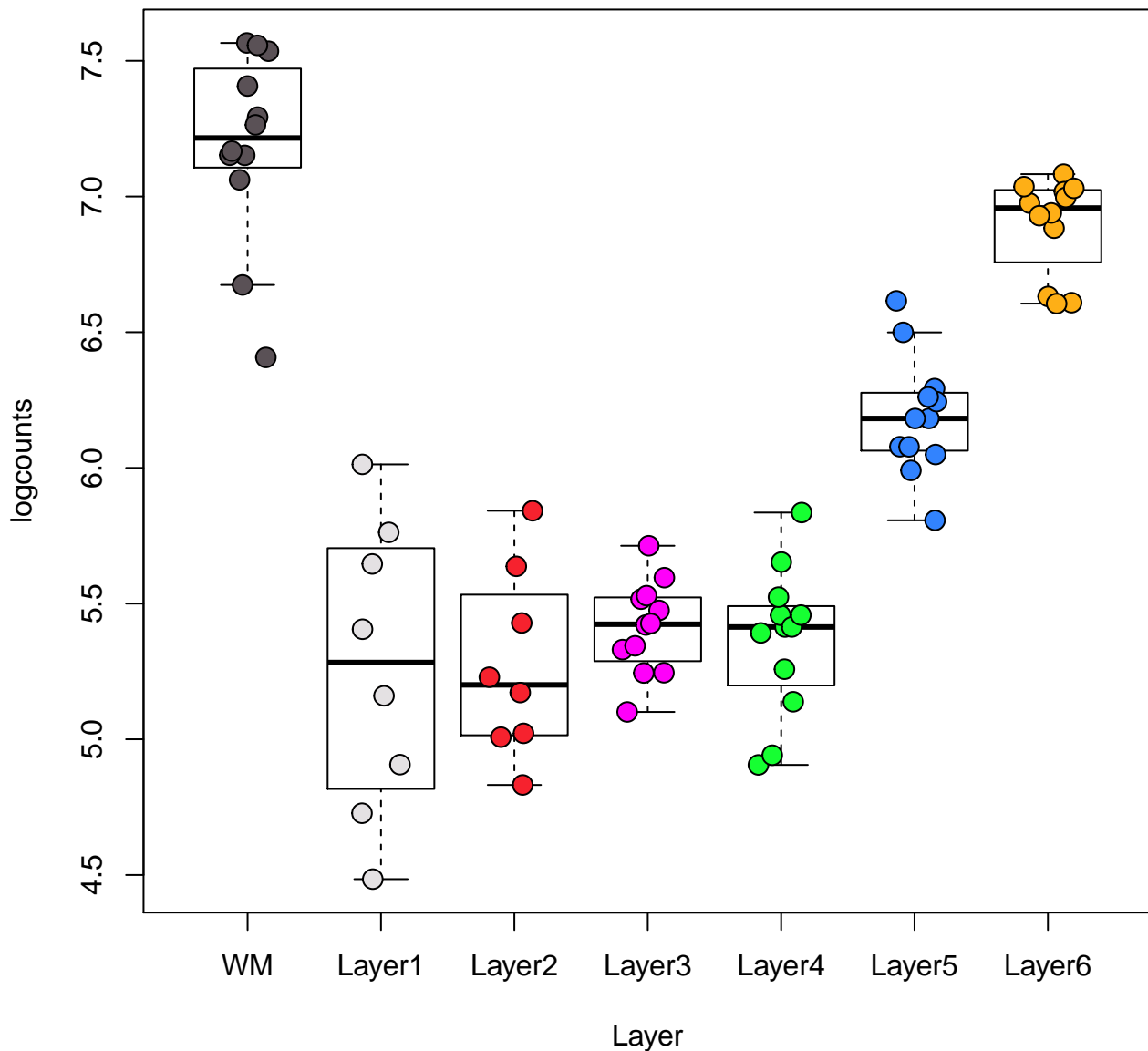
WM-L4\_r7



**TLE4 ENSG00000106829 WM-Layer4**

**tstat 1.55e+01 p 1.45e-24**

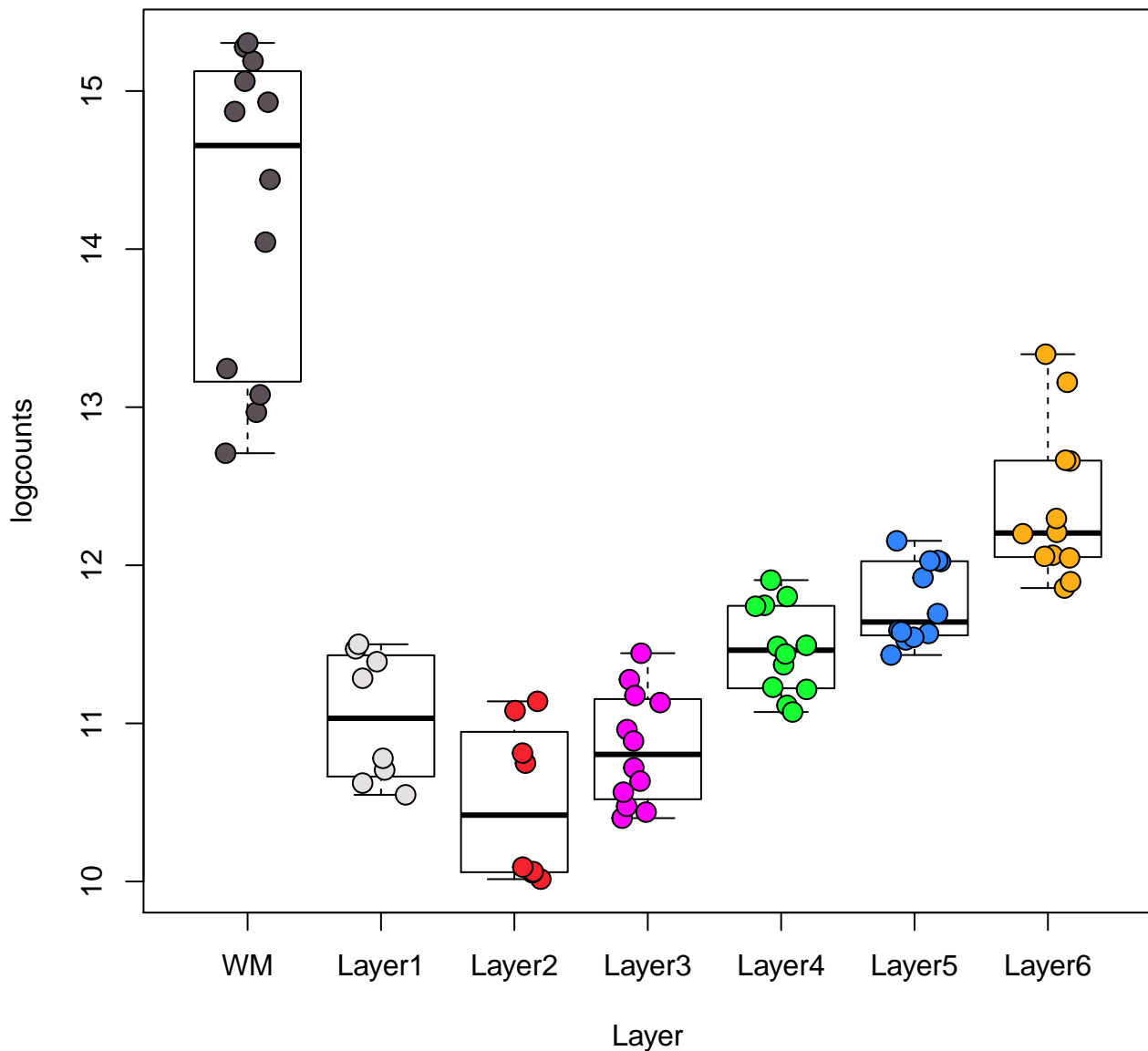
**WM-L4\_r8;L6-L4\_r4**



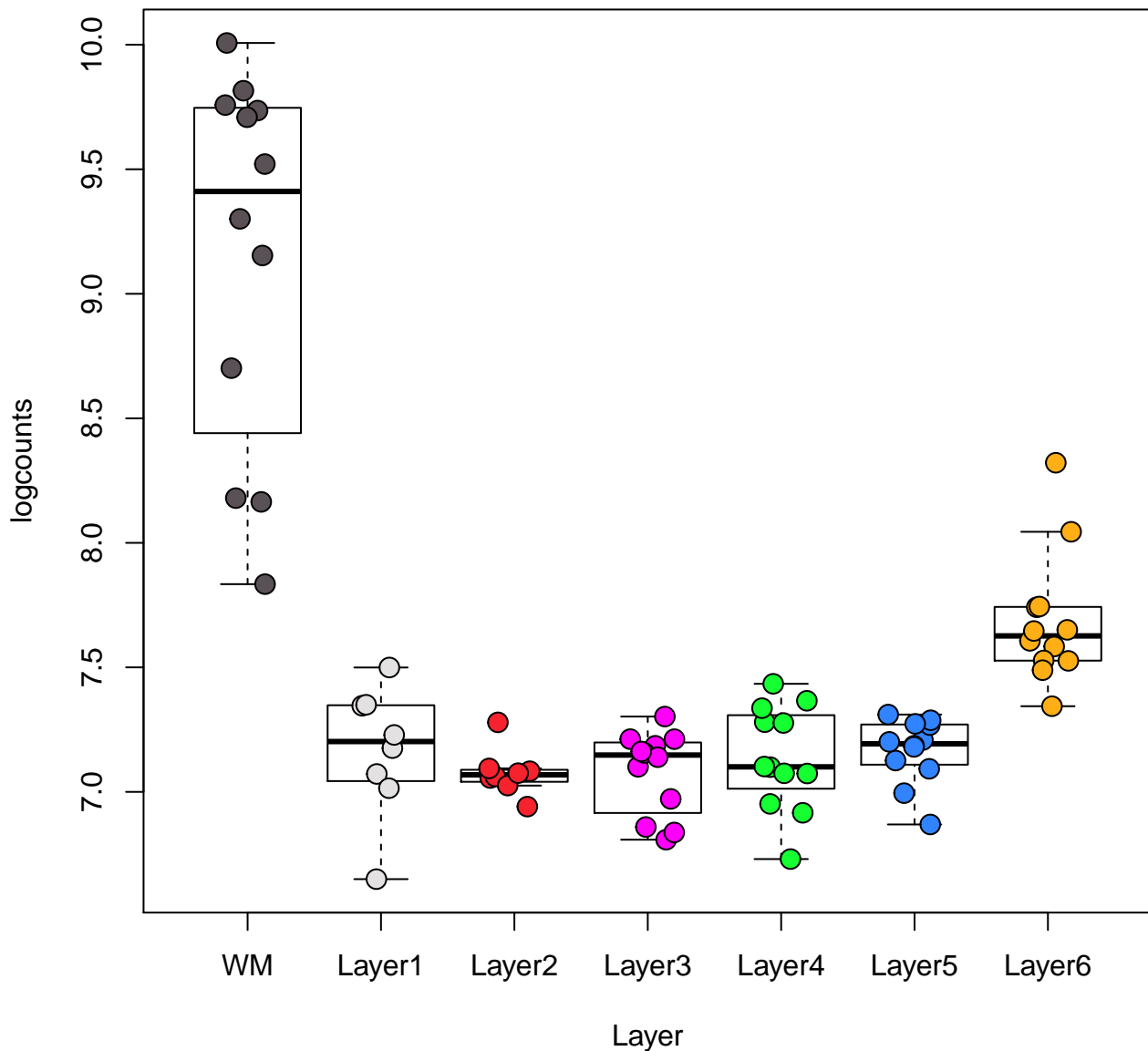
**MBP ENSG00000197971 WM-Layer4**

**tstat 1.55e+01 p 1.52e-24**

**WM-L1\_r4;WM-L2\_r5;WM-L3\_r5;WM-L4\_r9;WM-L5\_r9**



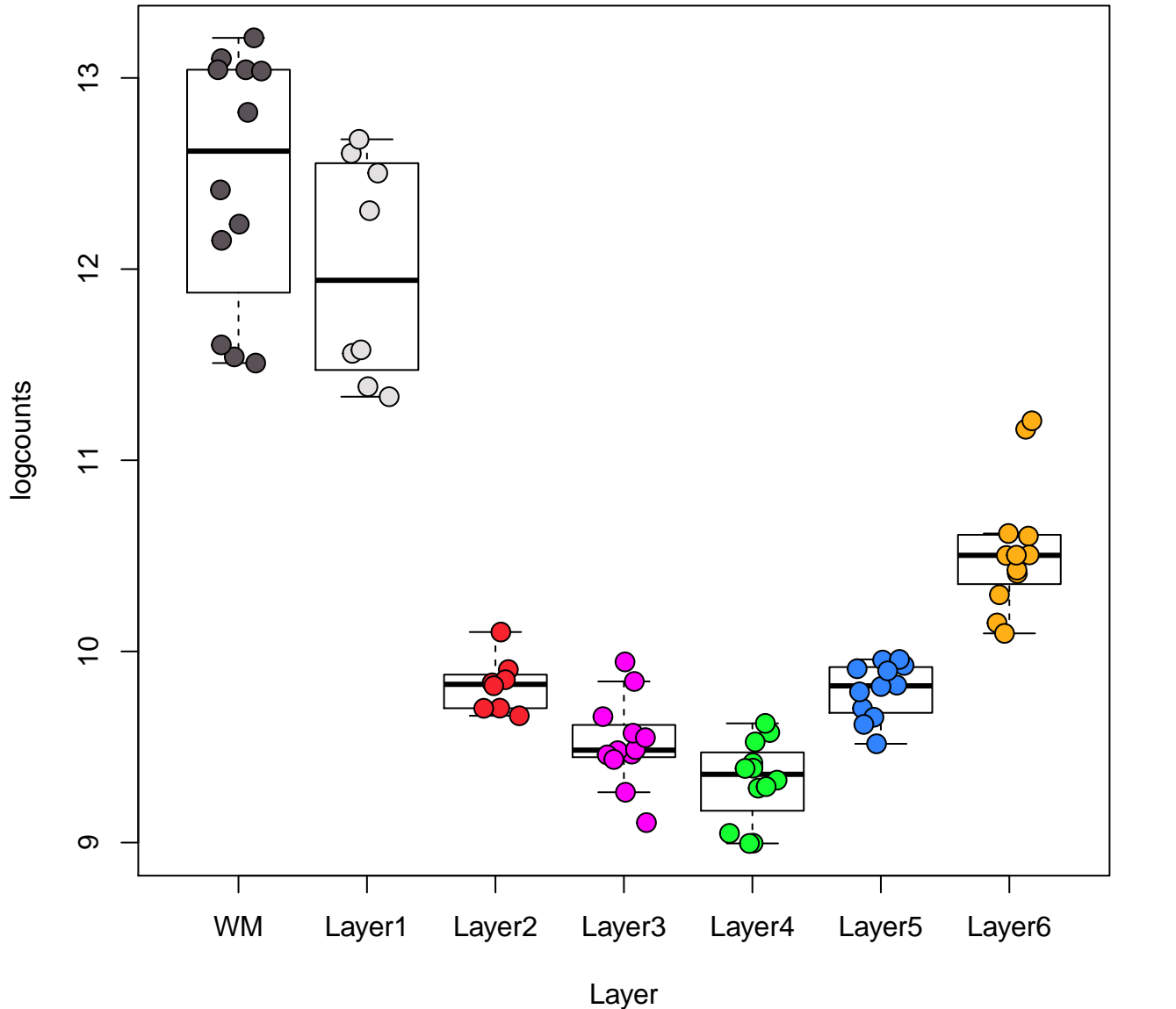
**NDRG1 ENSG00000104419 WM-Layer4**  
**tstat 1.53e+01 p 3.26e-24**  
**WM\_r1;WM-L4\_r10;WM-L5\_r3;WM-L6\_r7**



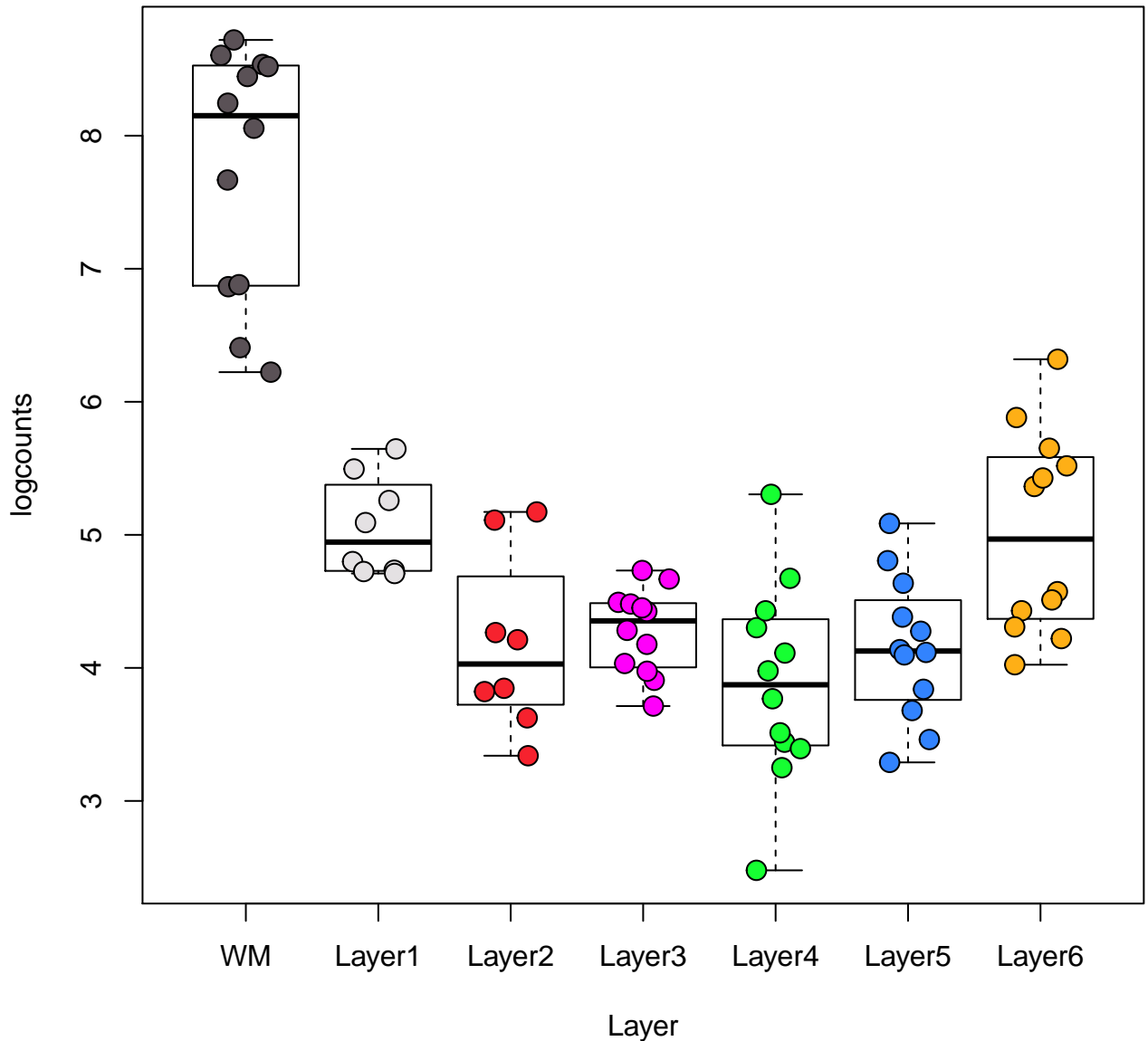
# GFAP ENSG00000131095 WM-Layer5

tstat 1.80e+01 p 3.05e-28

WM-L3\_r4;WM-L4\_r1;WM-L5\_r1;WM-L6\_r1;L1-L2\_r1;L1-L3\_r2;L1-L4\_r1

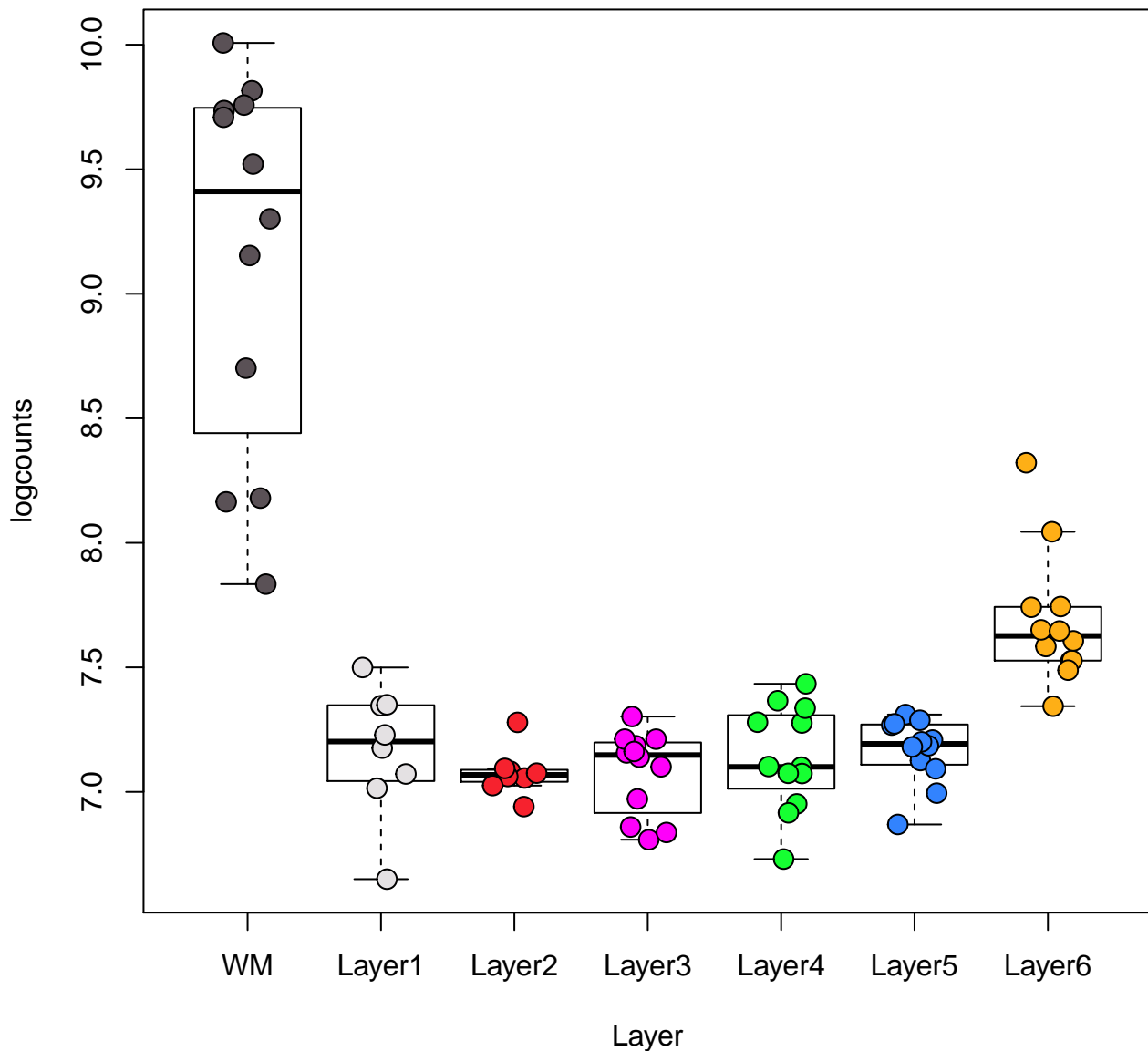


**AQP1 ENSG00000240583 WM-Layer5**  
**tstat 1.56e+01 p 9.44e-25**  
**WM\_r3;WM-L4\_r4;WM-L5\_r2;WM-L6\_r4**





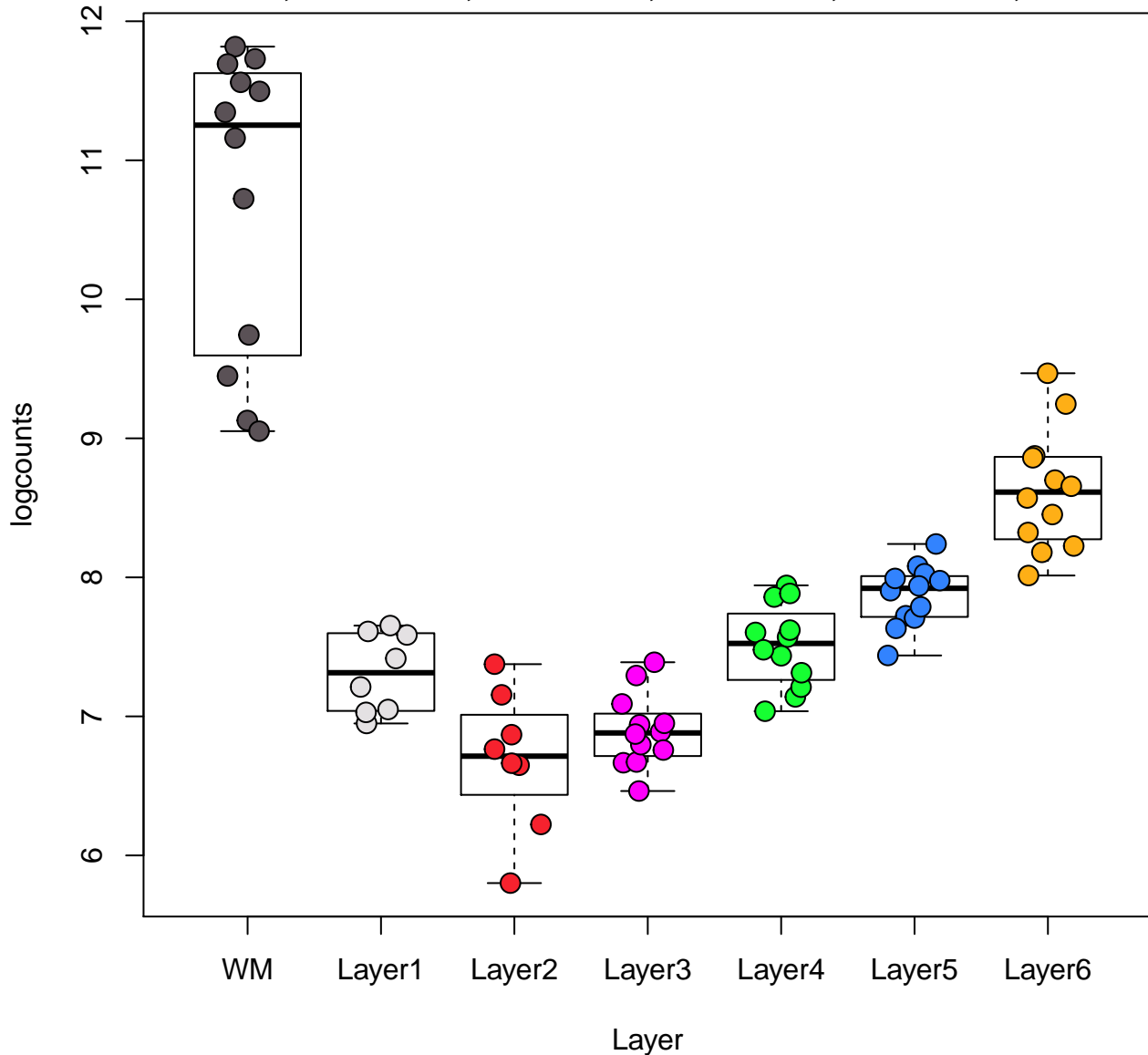
**NDRG1 ENSG00000104419 WM-Layer5**  
**tstat 1.51e+01 p 7.36e-24**  
**WM\_r1;WM-L4\_r10;WM-L5\_r3;WM-L6\_r7**



# MOBP ENSG00000168314 WM-Layer5

tstat 1.50e+01 p 8.27e-24

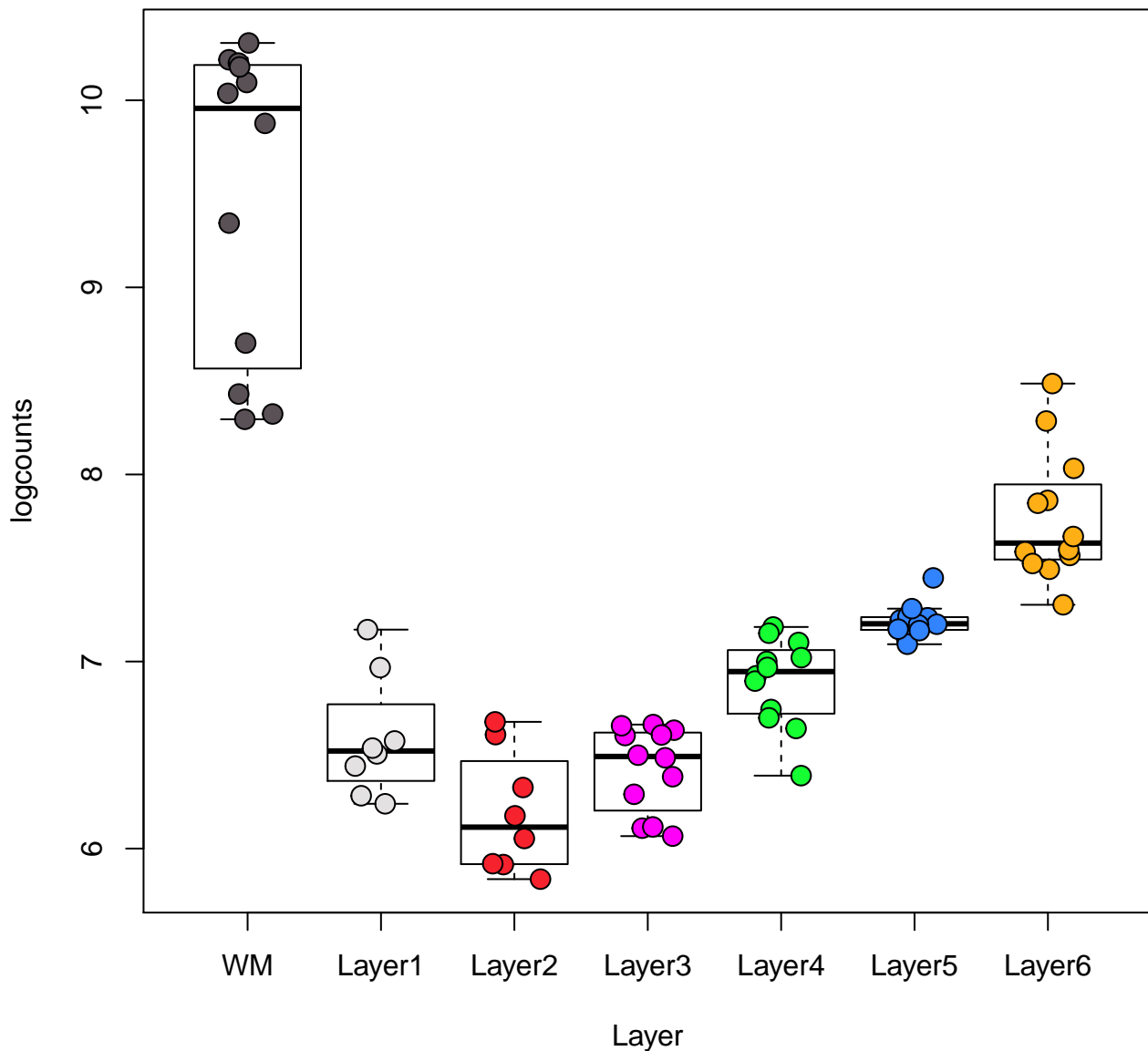
WM-L1\_r3;WM-L2\_r3;WM-L3\_r1;WM-L4\_r3;WM-L5\_r4;WM-L6\_r8



BCAS1 ENSG00000064787 WM-Layer5

tstat 1.50e+01 p 1.07e-23

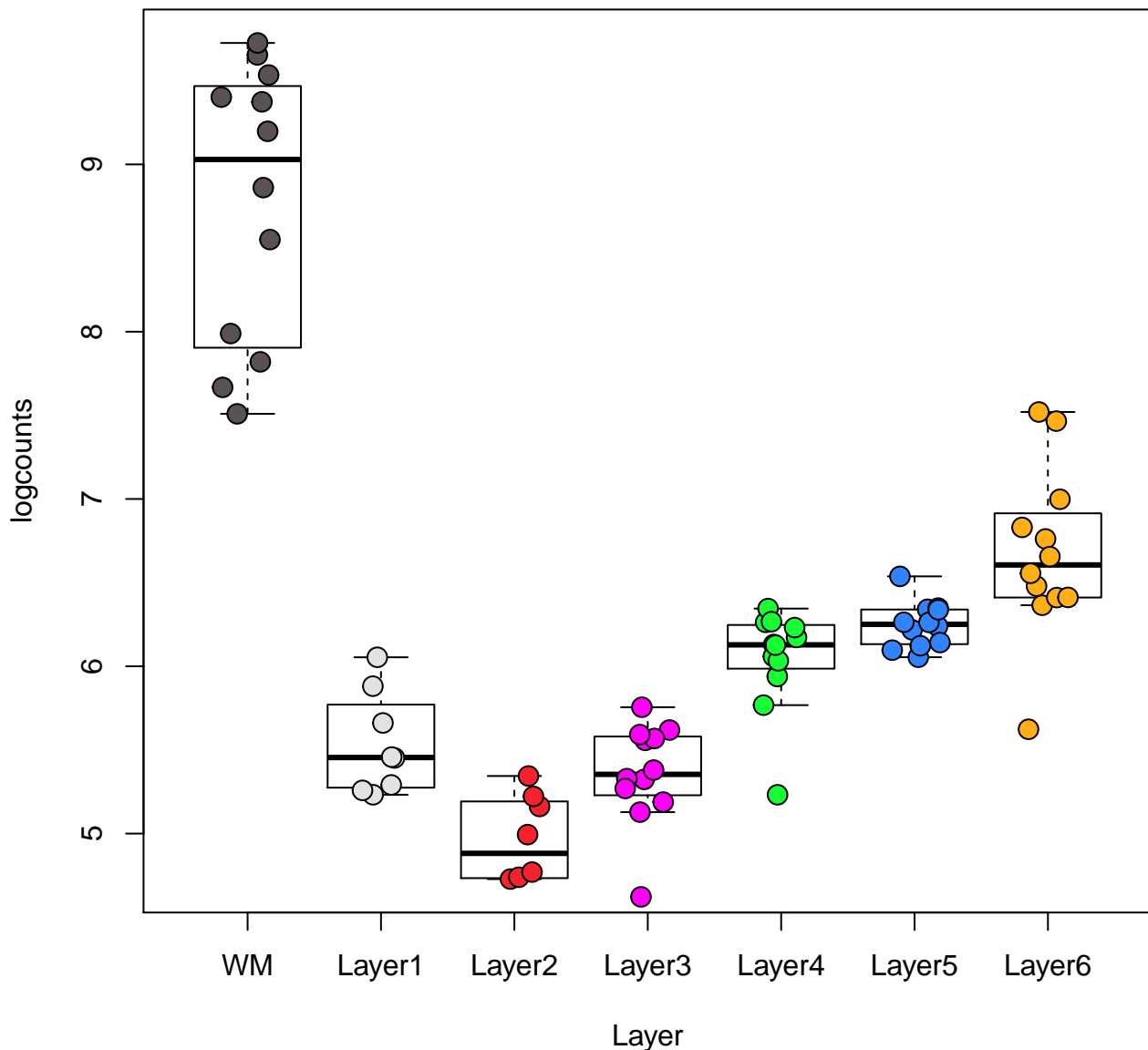
WM-L1\_r1;WM-L2\_r2;WM-L3\_r2;WM-L4\_r2;WM-L5\_r5;WM-L6\_r5



# MYRF ENSG00000124920 WM-Layer5

tstat 1.49e+01 p 1.36e-23

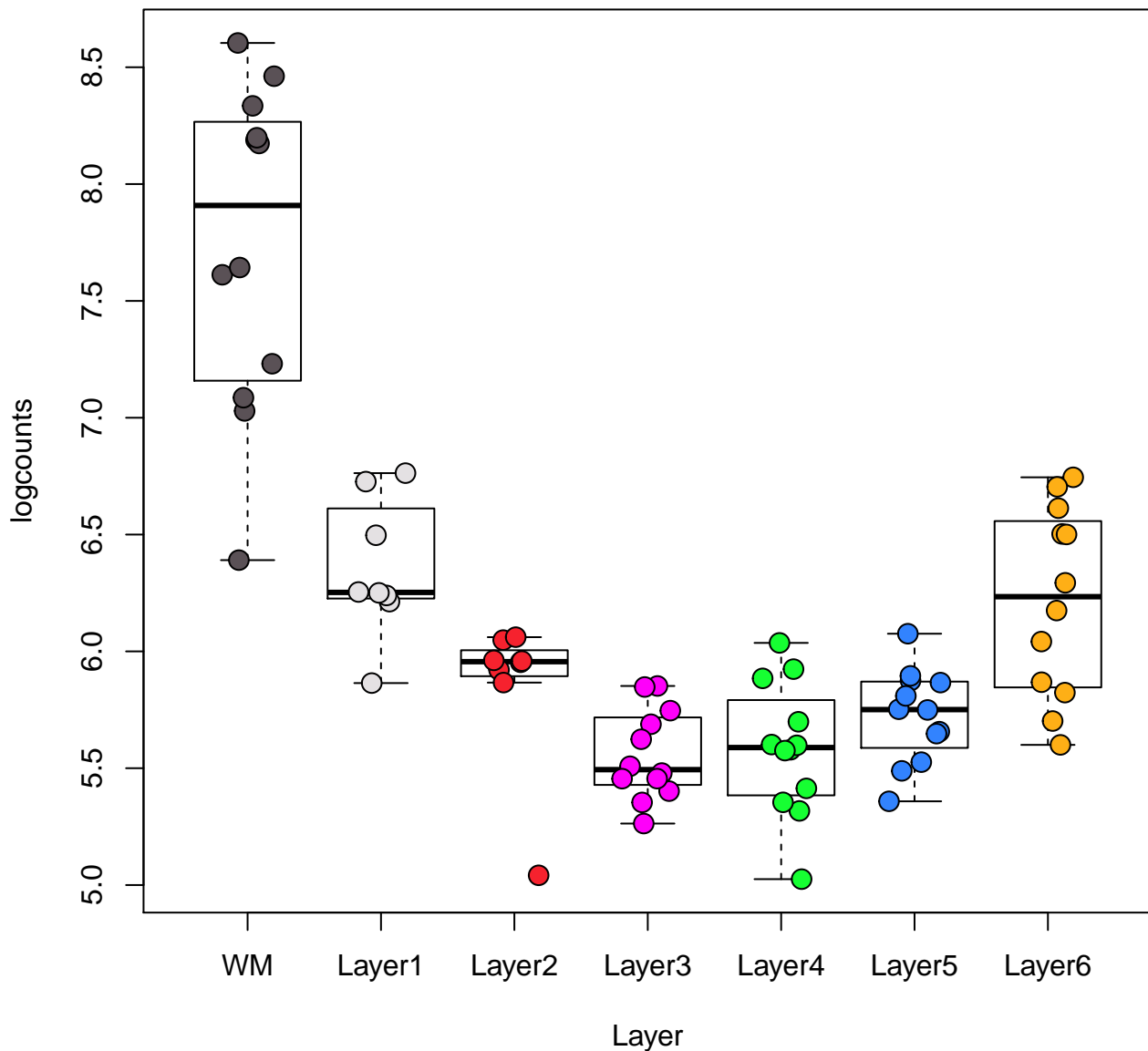
WM-L1\_r2;WM-L2\_r1;WM-L3\_r3;WM-L4\_r5;WM-L5\_r6;WM-L6\_r2



# MTUS1 ENSG00000129422 WM-Layer5

tstat 1.42e+01 p 1.57e-22

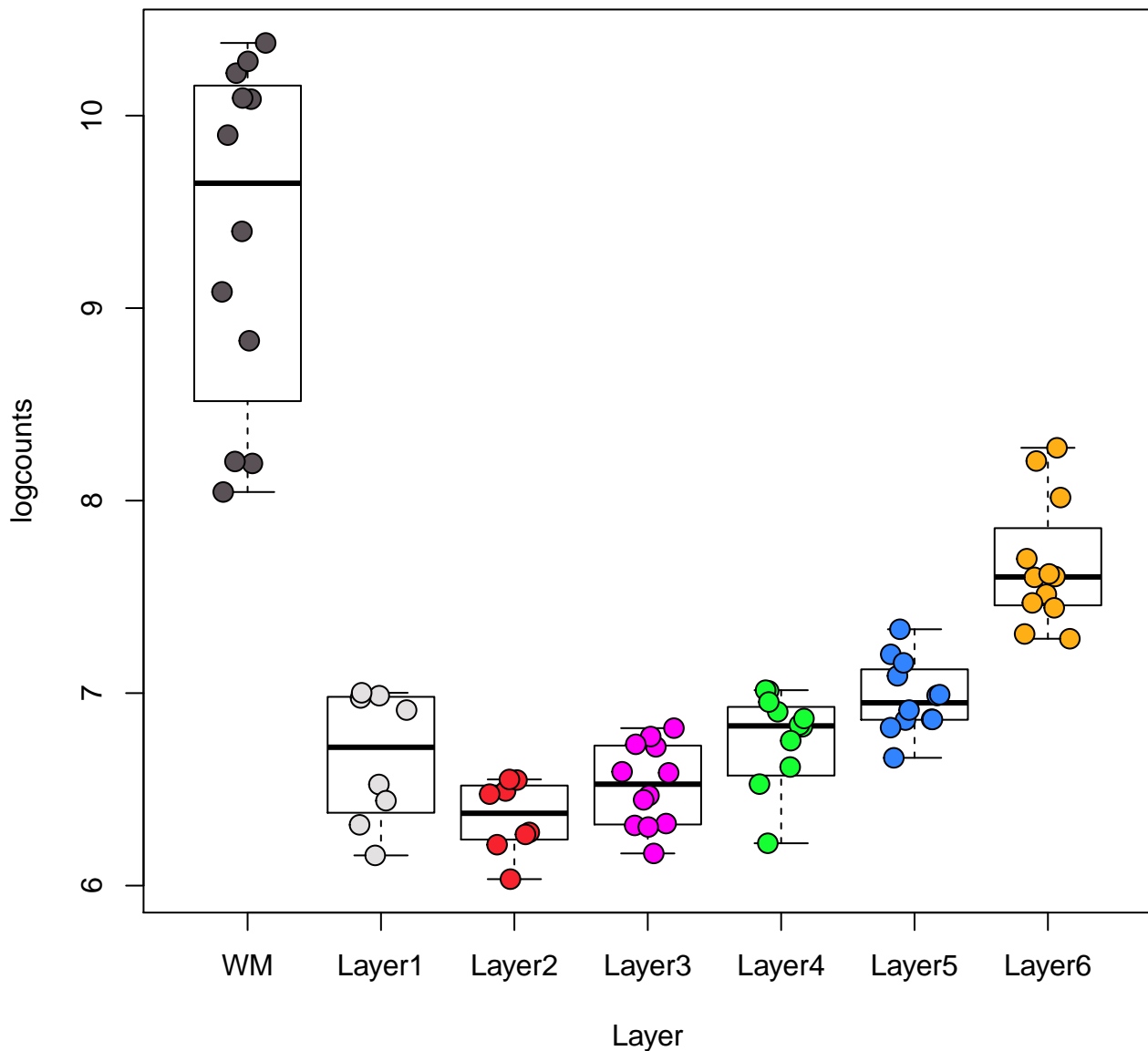
WM\_r9;WM-L5\_r7



**MAL ENSG00000172005 WM-Layer5**

**tstat 1.41e+01 p 2.23e-22**

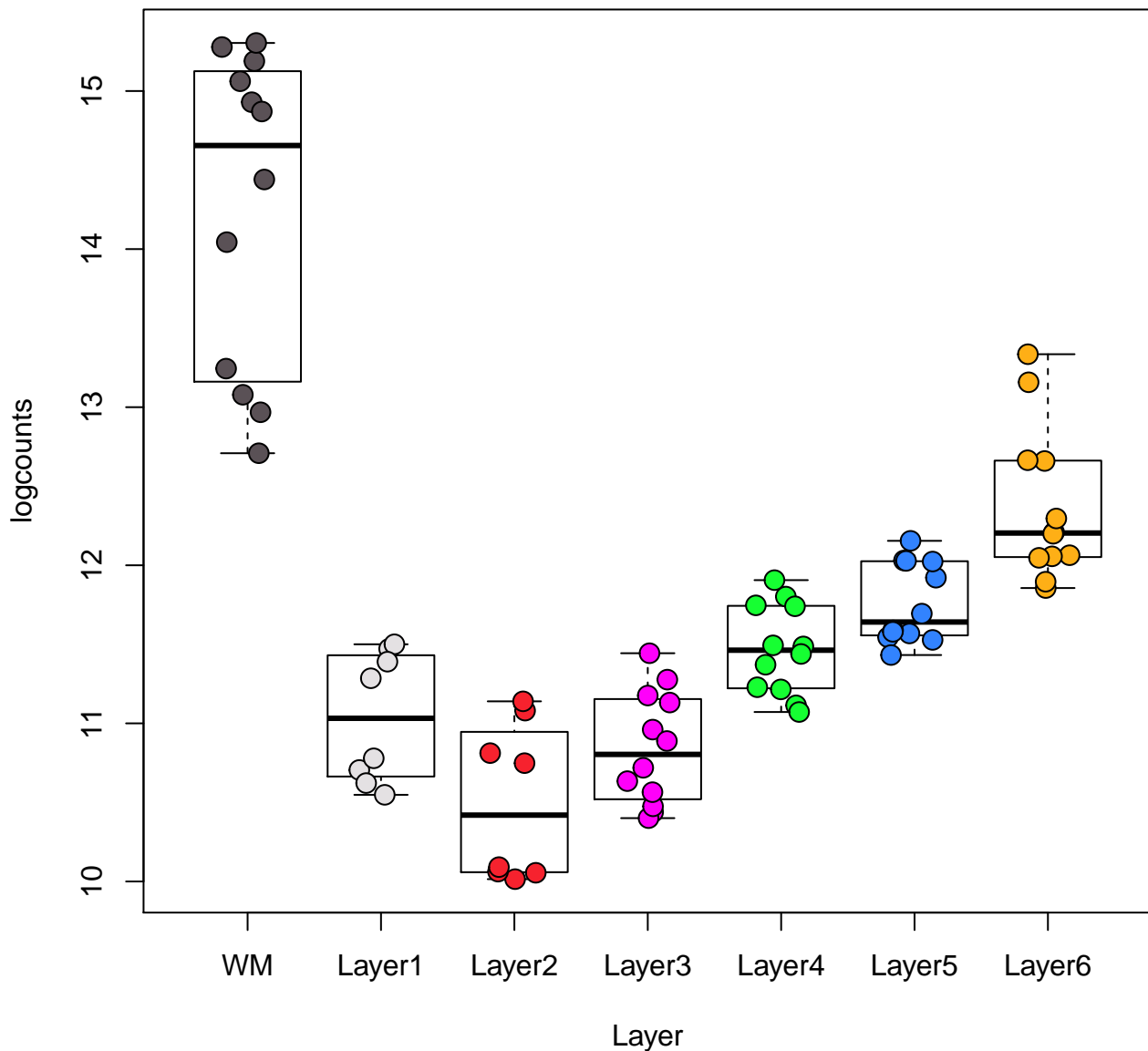
**WM-L4\_r6;WM-L5\_r8**



**MBP ENSG00000197971 WM-Layer5**

**tstat 1.39e+01 p 5.55e-22**

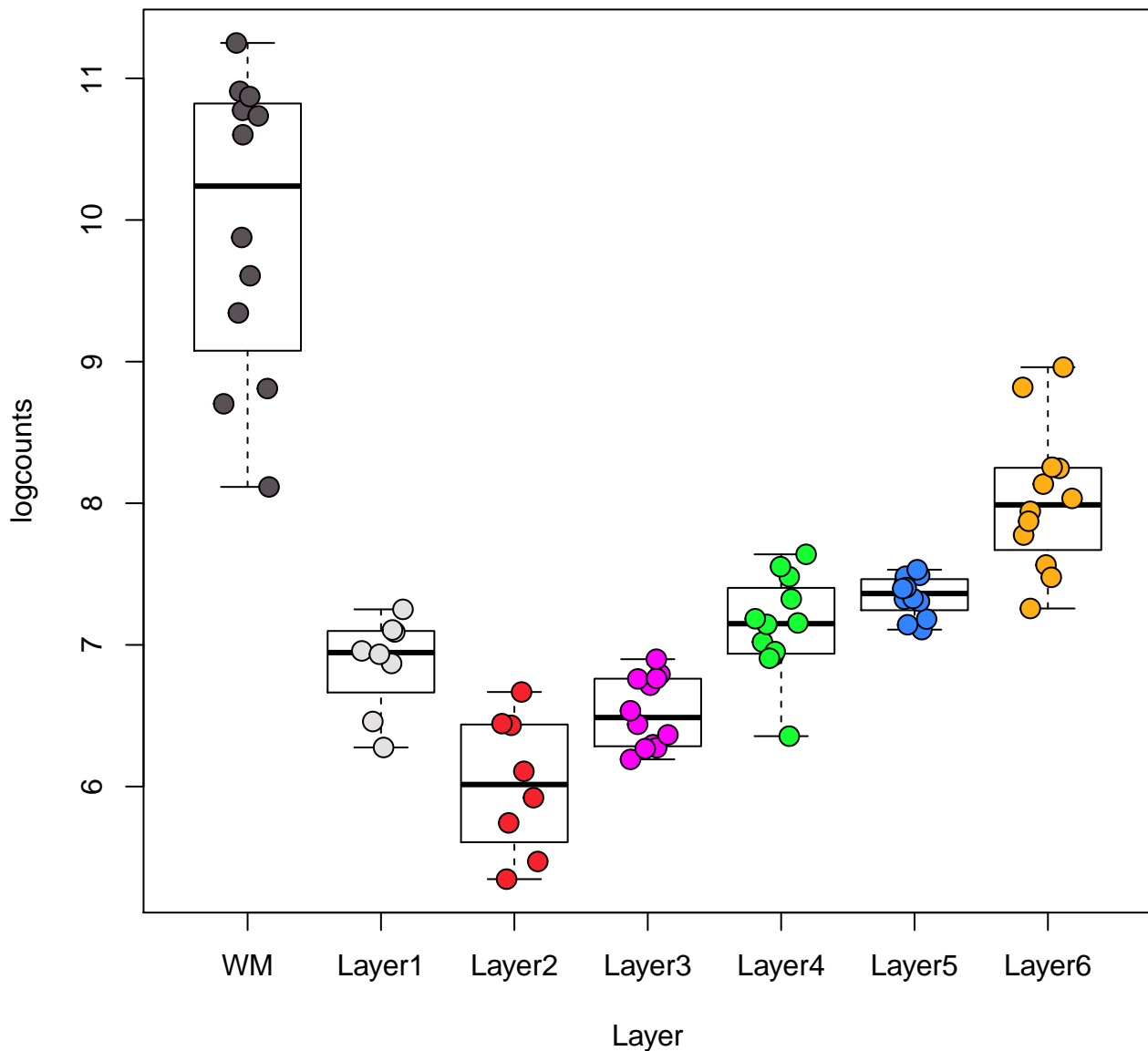
**WM-L1\_r4;WM-L2\_r5;WM-L3\_r5;WM-L4\_r9;WM-L5\_r9**



**MAG ENSG00000105695 WM-Layer5**

**tstat 1.38e+01 p 8.62e-22**

**WM-L1\_r10;WM-L2\_r6;WM-L3\_r7;WM-L5\_r10**

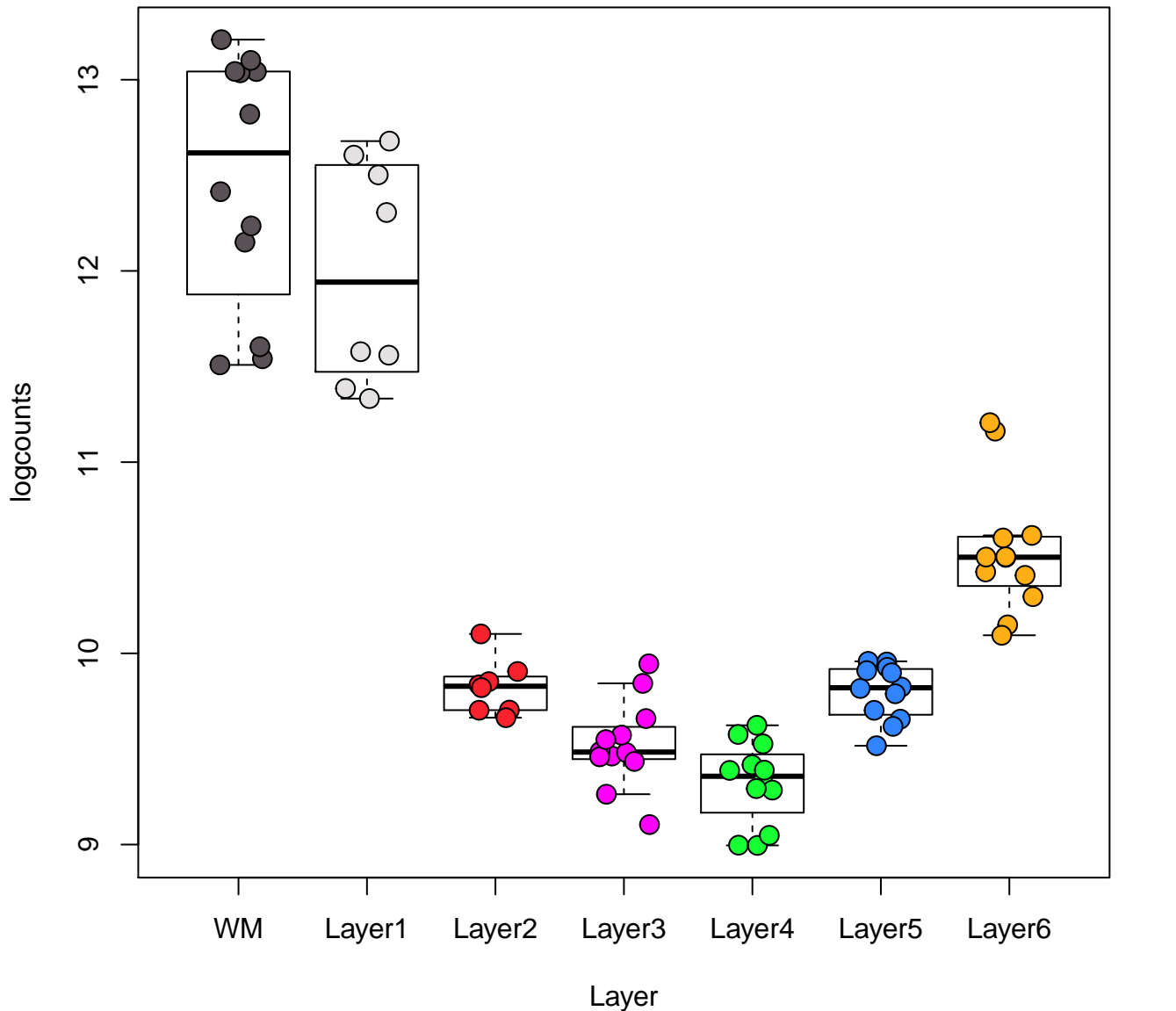




# GFAP ENSG00000131095 WM-Layer6

tstat 1.30e+01 p 1.62e-20

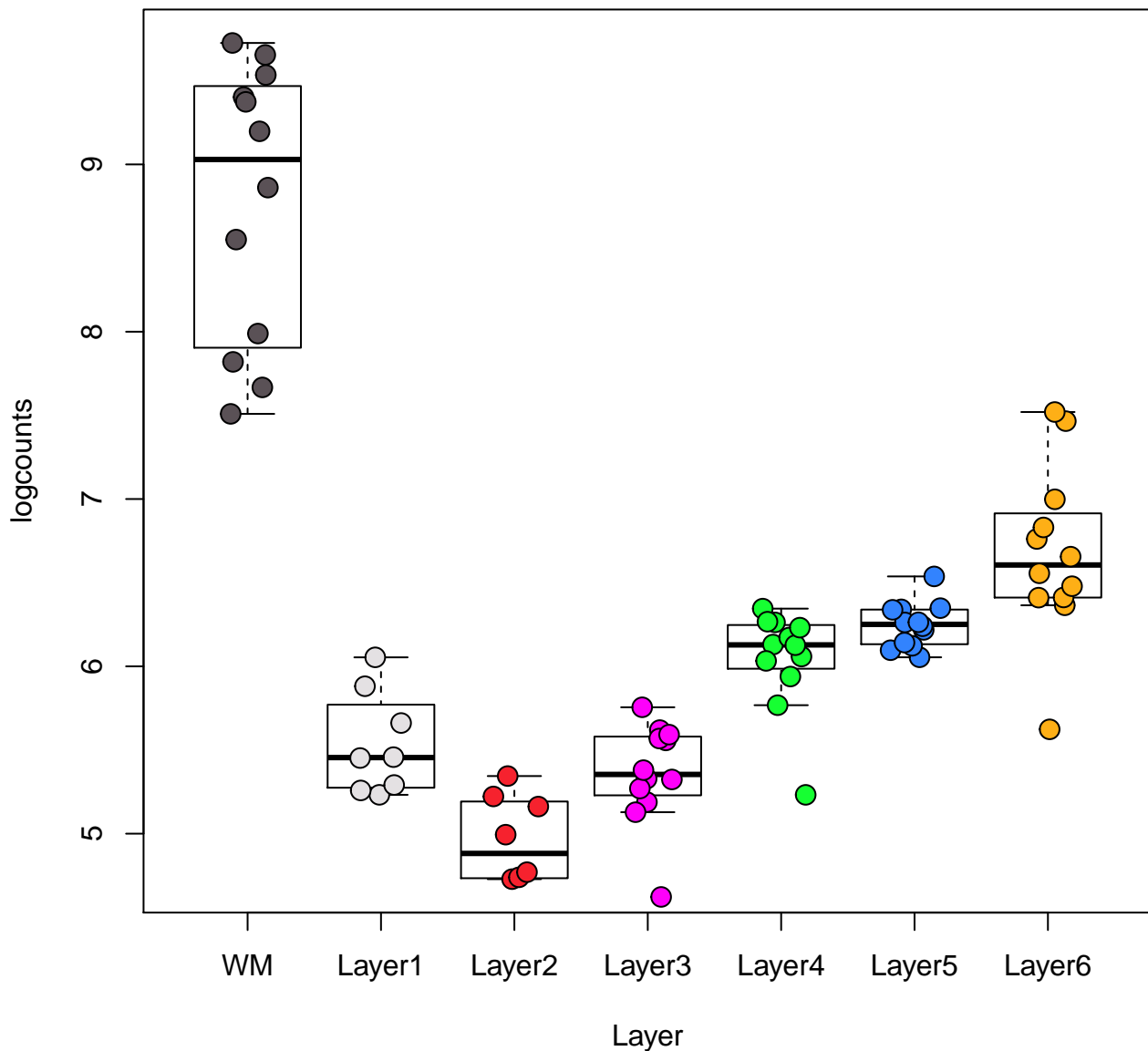
WM-L3\_r4;WM-L4\_r1;WM-L5\_r1;WM-L6\_r1;L1-L2\_r1;L1-L3\_r2;L1-L4\_r1



# MYRF ENSG00000124920 WM-Layer6

tstat 1.24e+01 p 1.91e-19

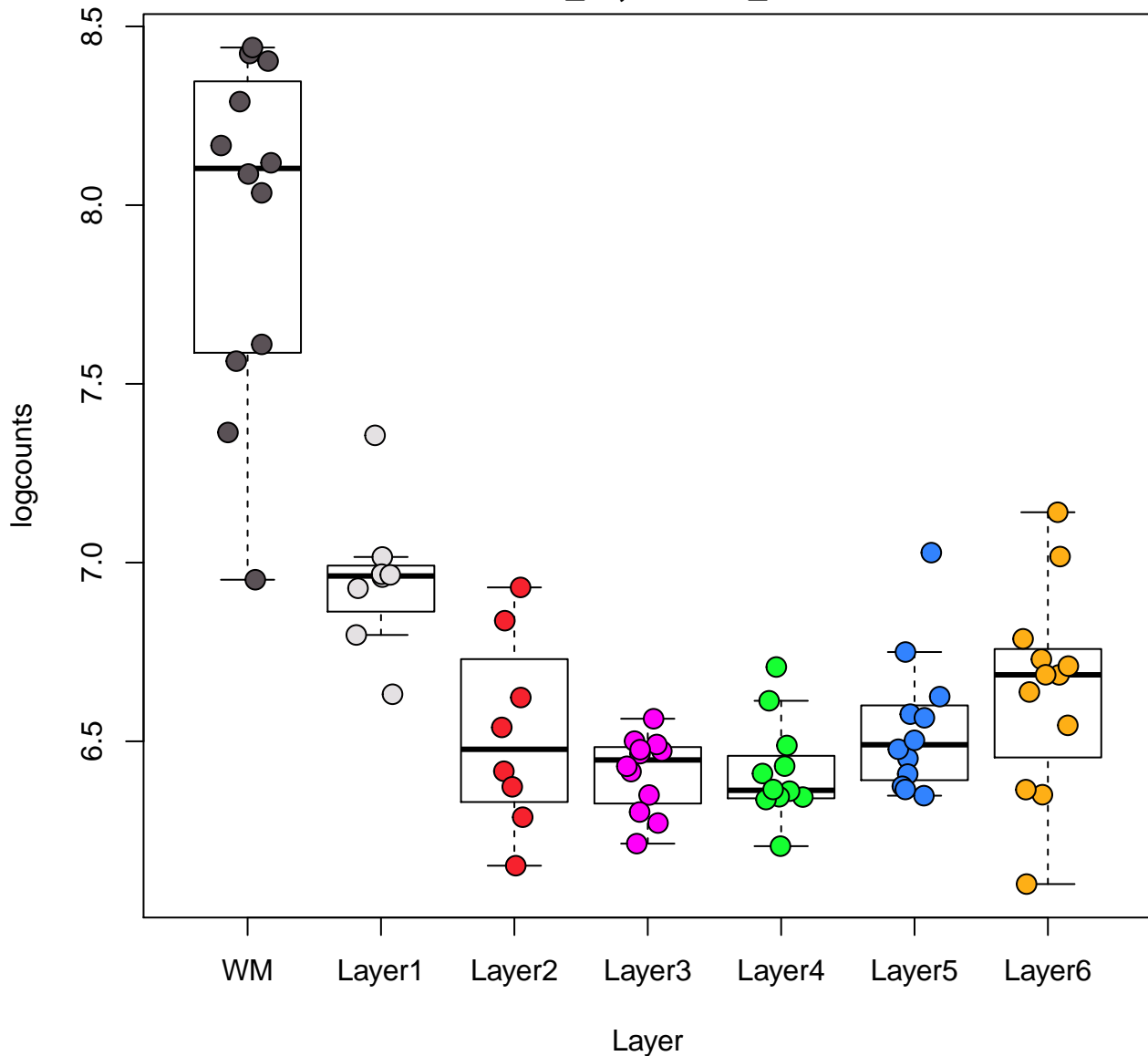
WM-L1\_r2;WM-L2\_r1;WM-L3\_r3;WM-L4\_r5;WM-L5\_r6;WM-L6\_r2



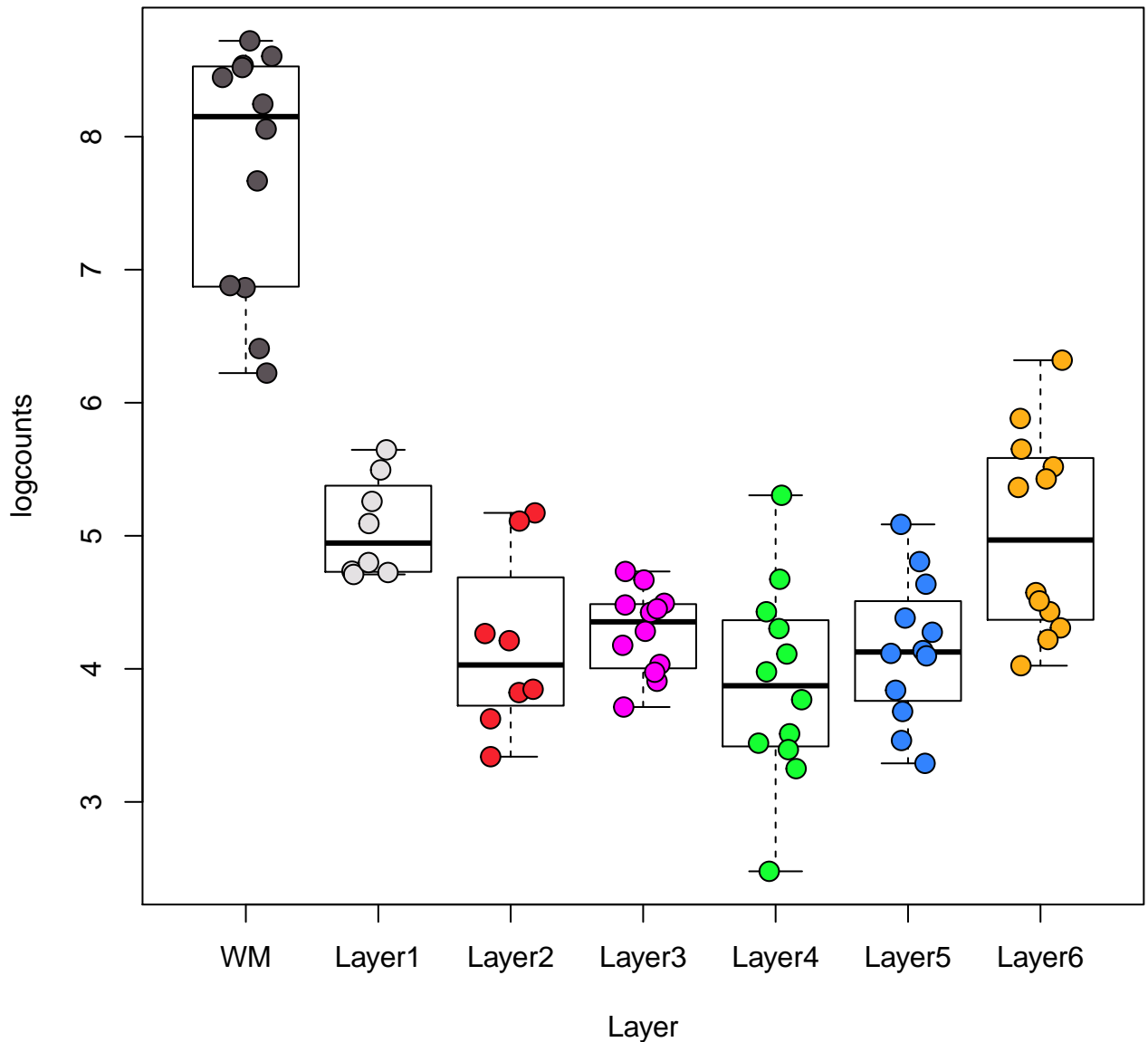
# ANP32B ENSG00000136938 WM-Layer6

tstat 1.21e+01 p 5.48e-19

WM\_r5;WM-L6\_r3



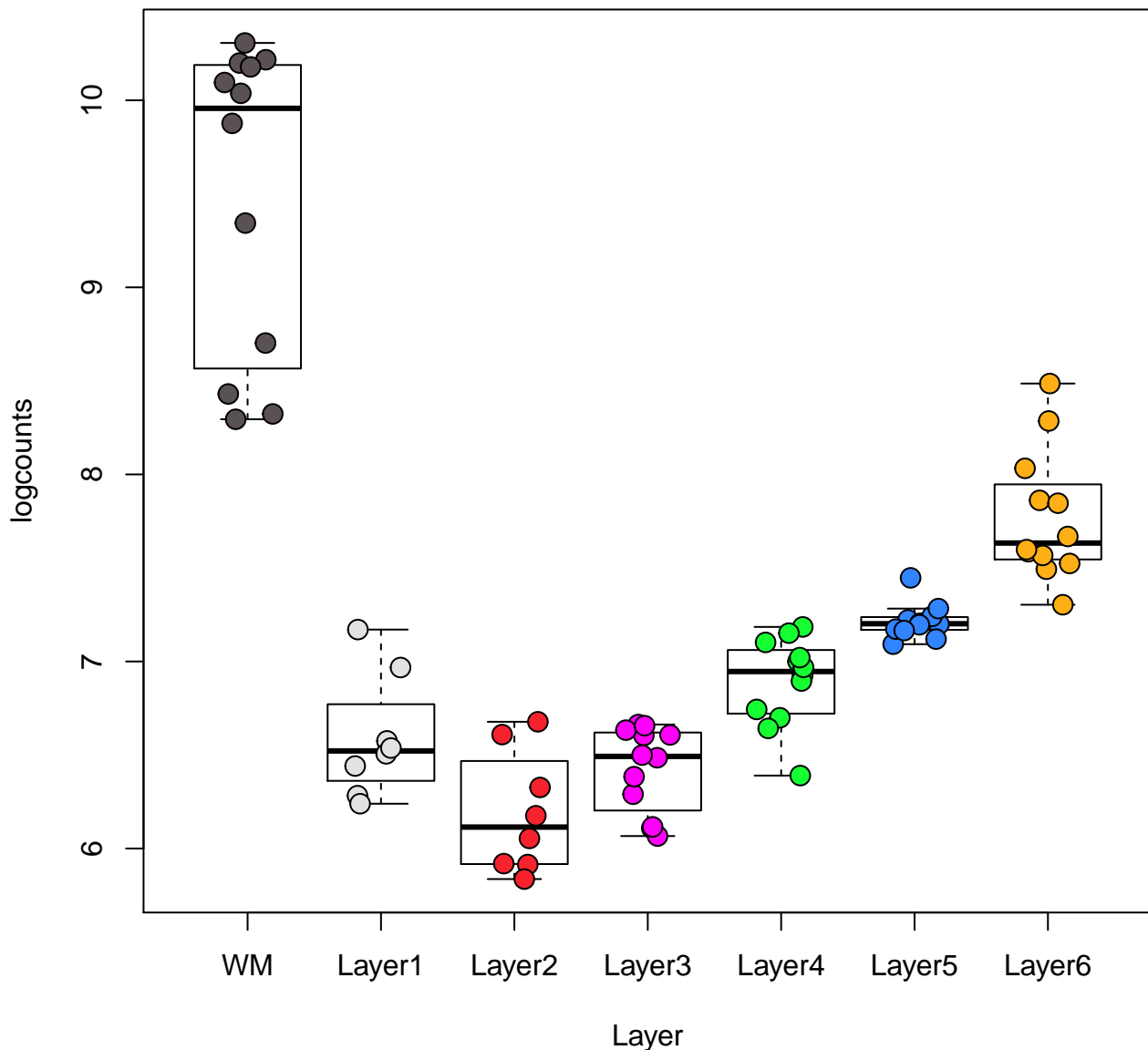
**AQP1 ENSG00000240583 WM-Layer6**  
**tstat 1.19e+01 p 1.43e-18**  
**WM\_r3;WM-L4\_r4;WM-L5\_r2;WM-L6\_r4**



# BCAS1 ENSG00000064787 WM-Layer6

tstat 1.13e+01 p 1.37e-17

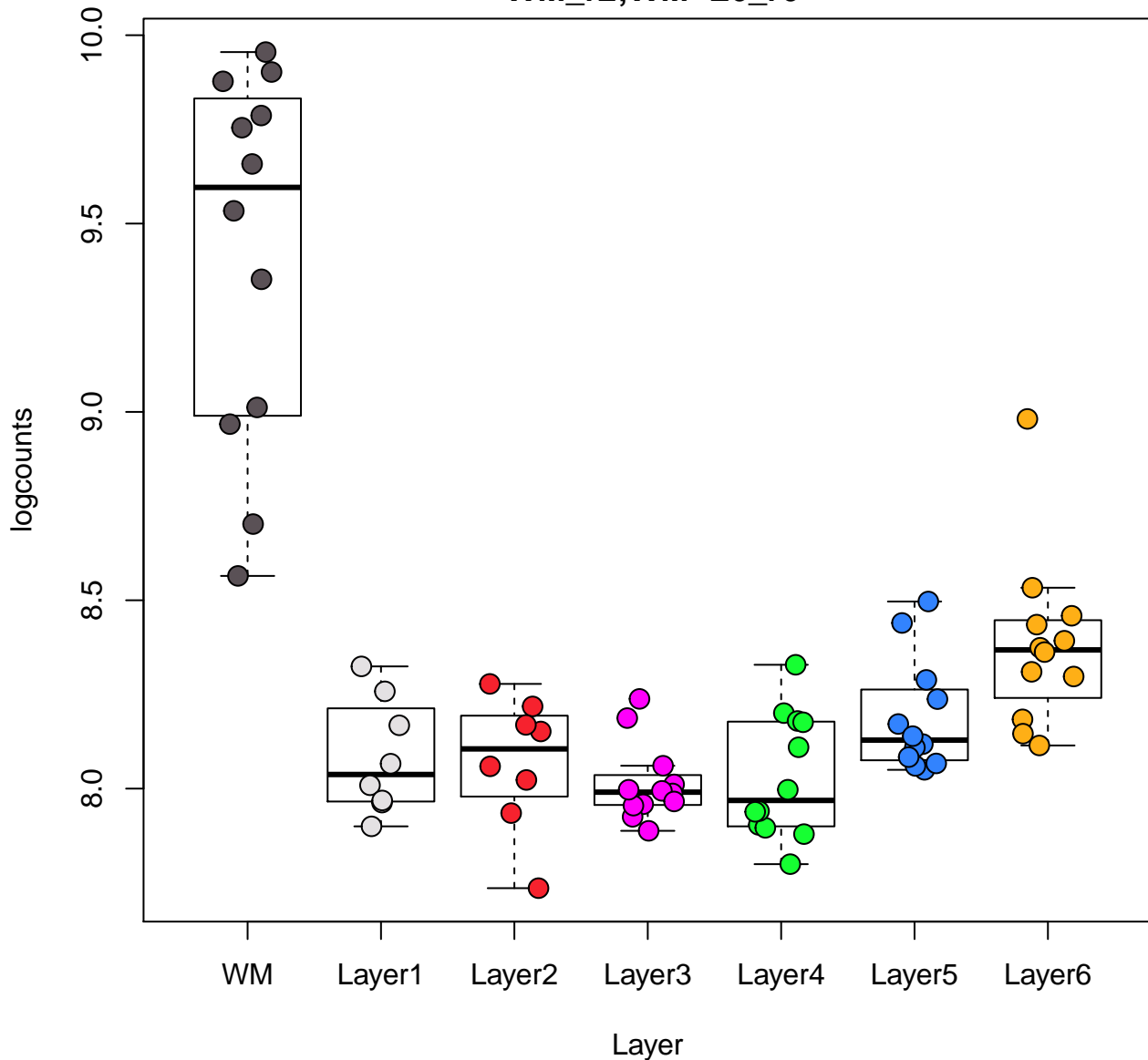
WM-L1\_r1;WM-L2\_r2;WM-L3\_r2;WM-L4\_r2;WM-L5\_r5;WM-L6\_r5



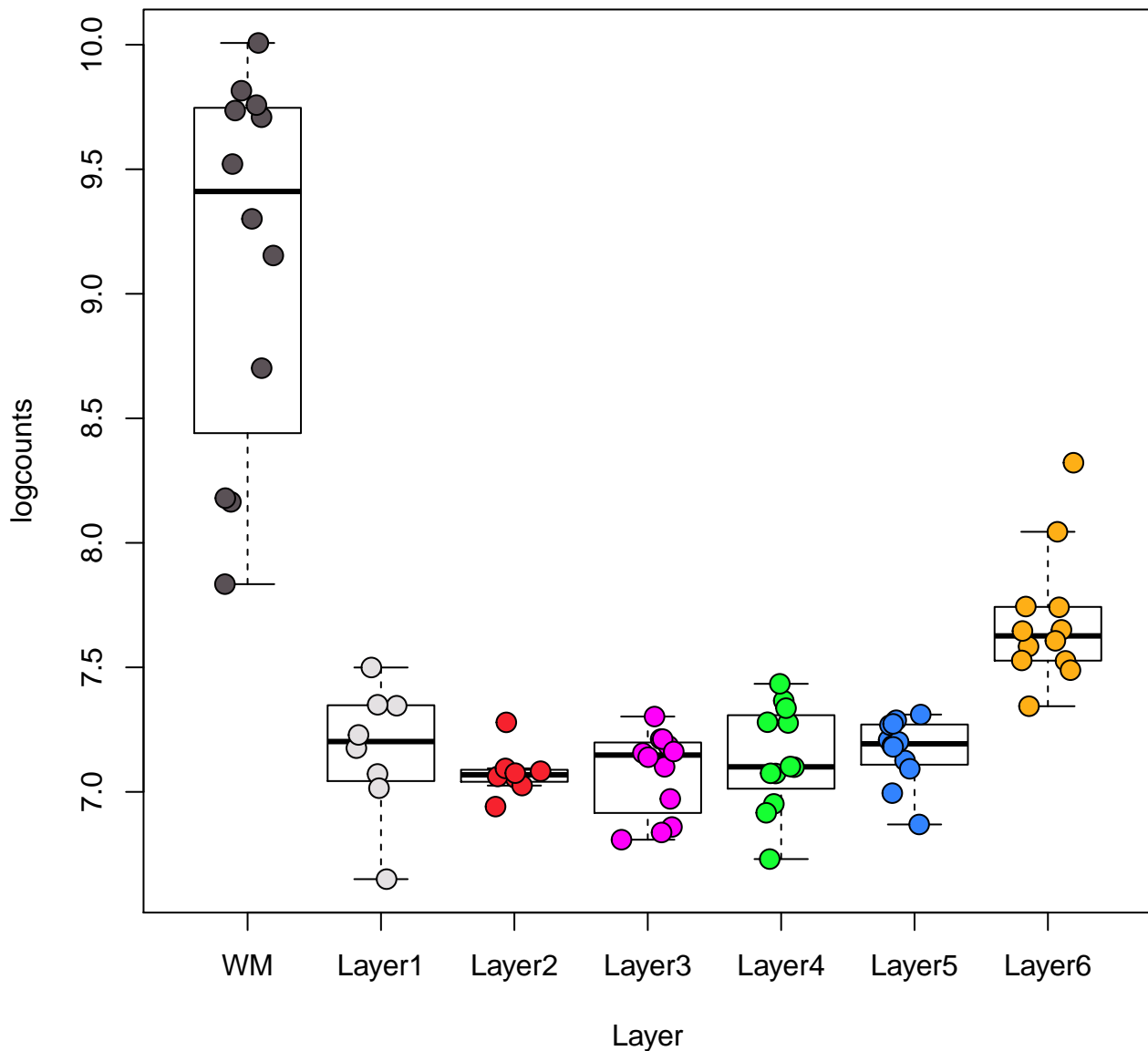
# PTP4A2 ENSG00000184007 WM-Layer6

tstat 1.12e+01 p 1.90e-17

WM\_r2;WM-L6\_r6



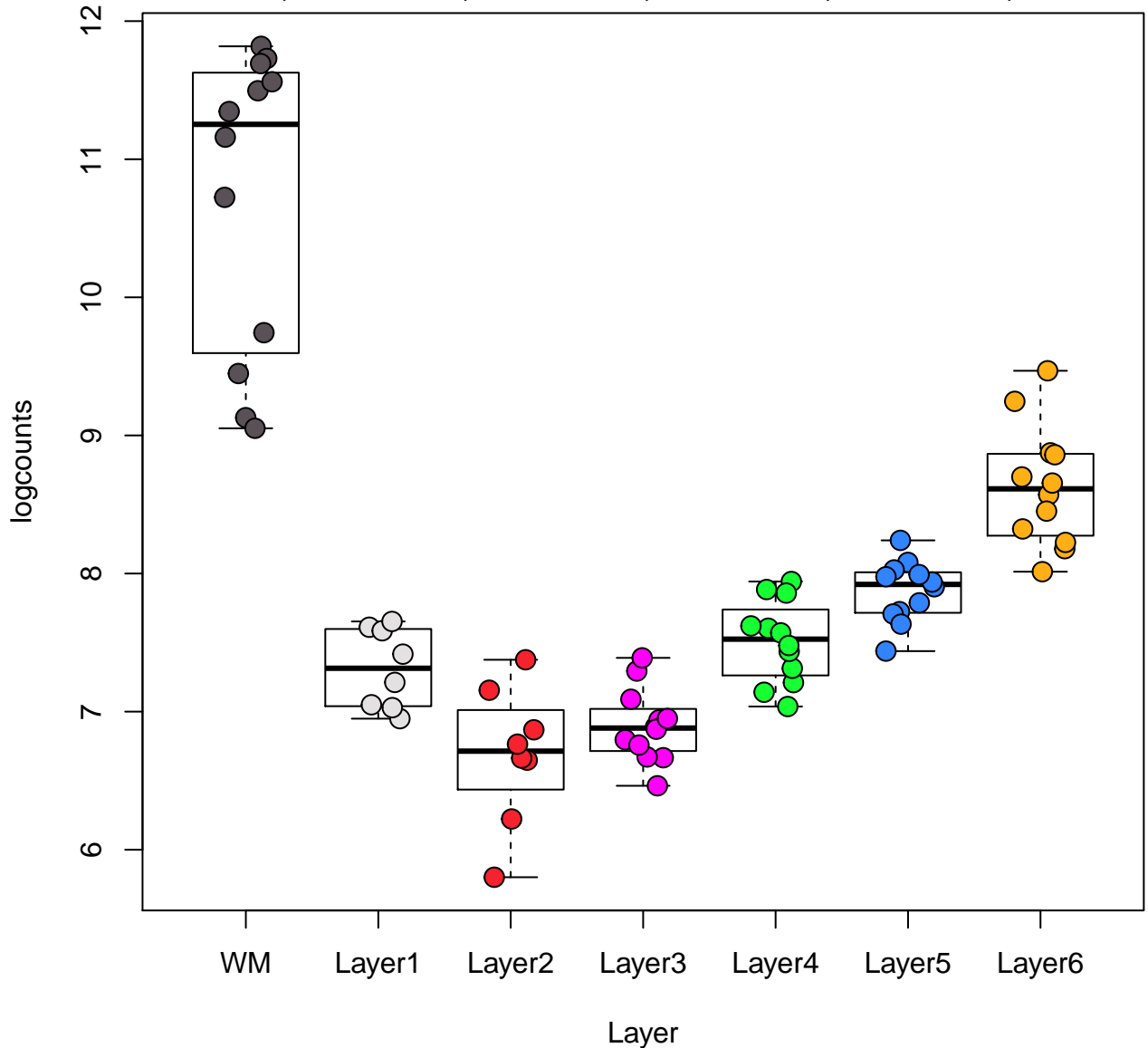
**NDRG1 ENSG00000104419 WM-Layer6**  
**tstat 1.11e+01 p 2.91e-17**  
**WM\_r1;WM-L4\_r10;WM-L5\_r3;WM-L6\_r7**



MOBP ENSG00000168314 WM-Layer6

tstat 1.10e+01 p 4.10e-17

WM-L1\_r3;WM-L2\_r3;WM-L3\_r1;WM-L4\_r3;WM-L5\_r4;WM-L6\_r8

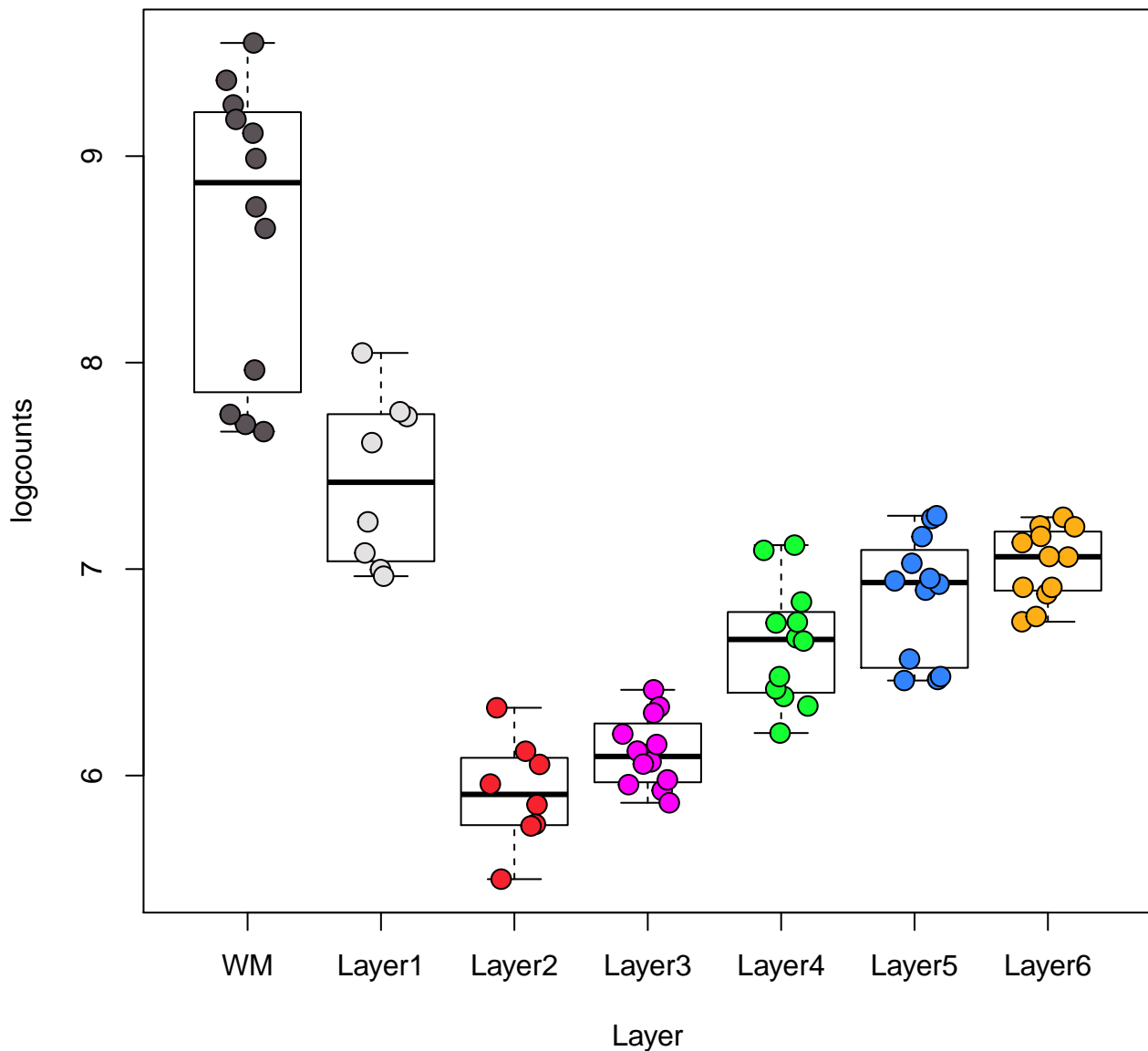




TPPP3 ENSG00000159713 WM-Layer6

tstat 1.09e+01 p 6.32e-17

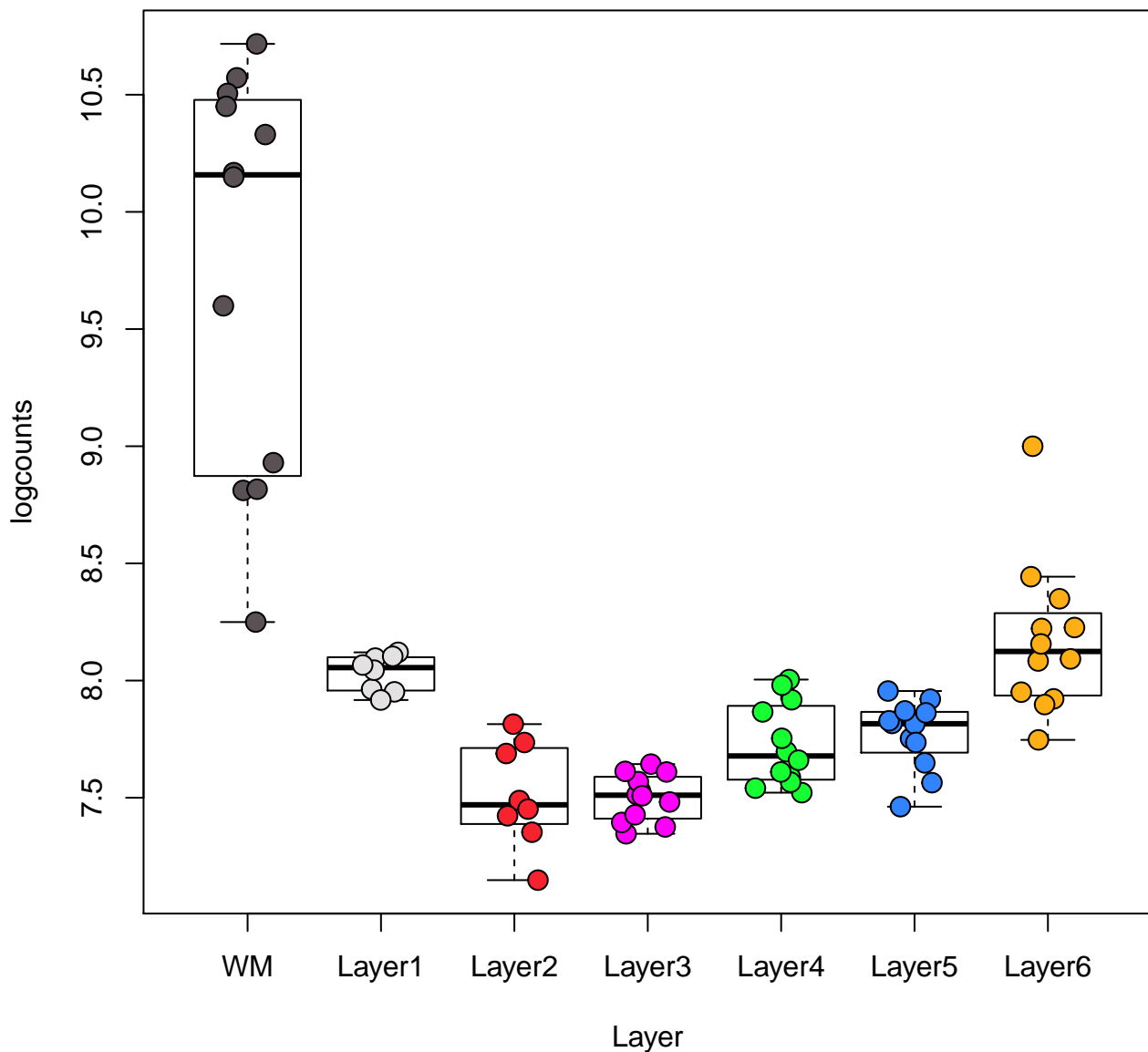
WM-L6\_r9



PAQR6 ENSG00000160781 WM-Layer6

tstat 1.08e+01 p 9.42e-17

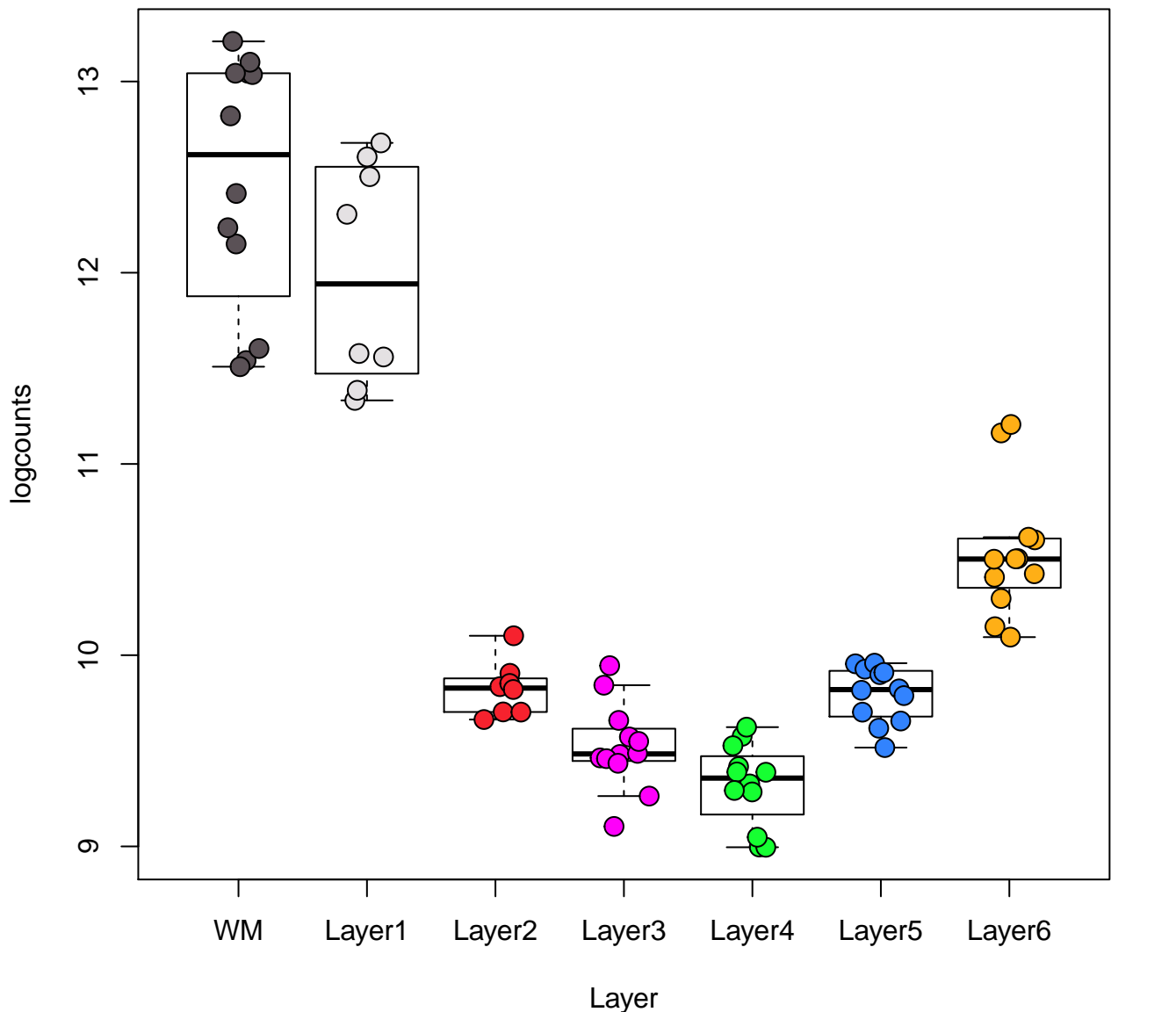
WM\_r4;WM-L6\_r10



# GFAP ENSG00000131095 Layer1-Layer2

tstat 1.19e+01 p 1.25e-18

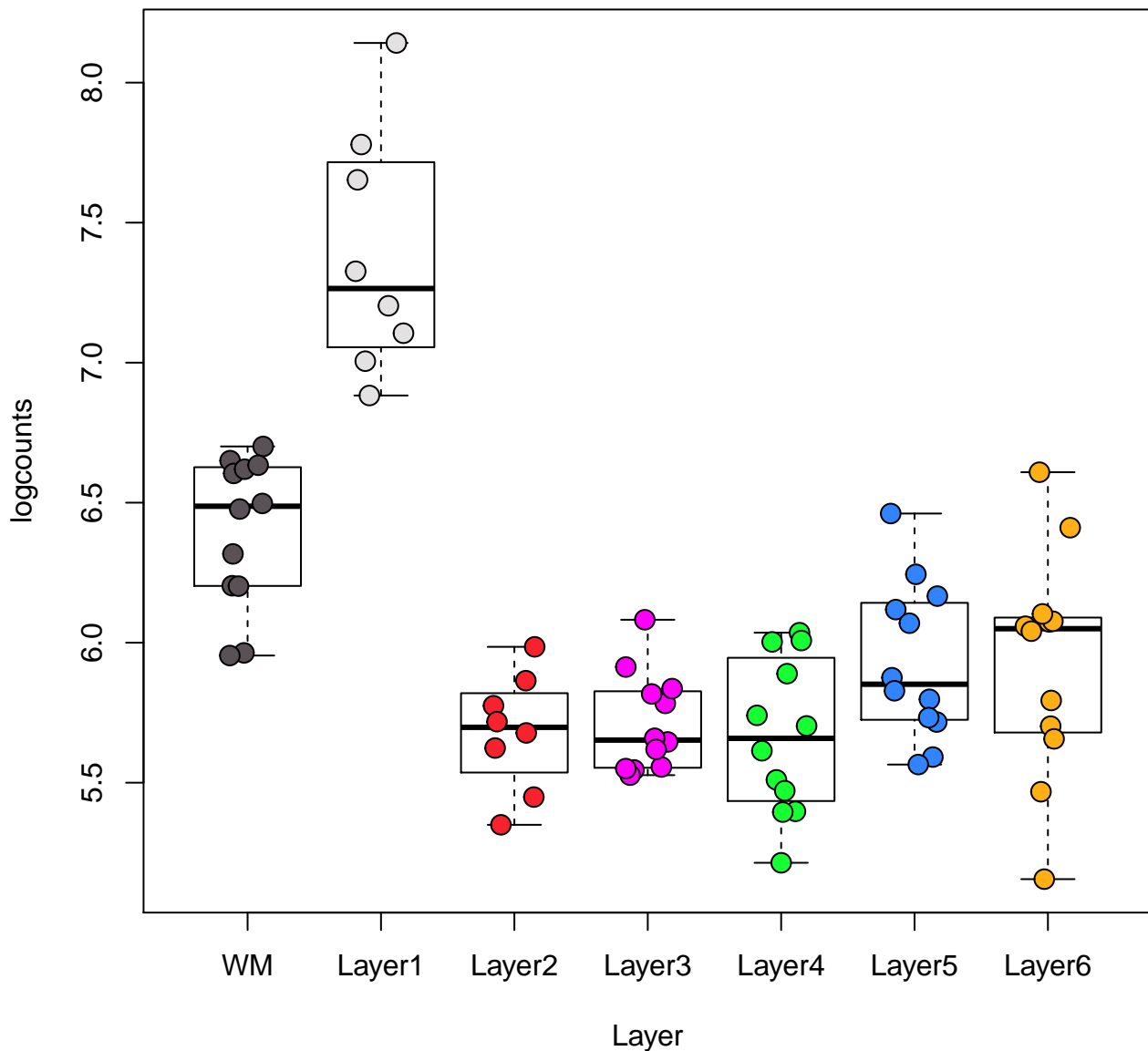
WM-L3\_r4;WM-L4\_r1;WM-L5\_r1;WM-L6\_r1;L1-L2\_r1;L1-L3\_r2;L1-L4\_r1



# CALD1 ENSG00000122786 Layer1-Layer2

tstat 1.17e+01 p 3.31e-18

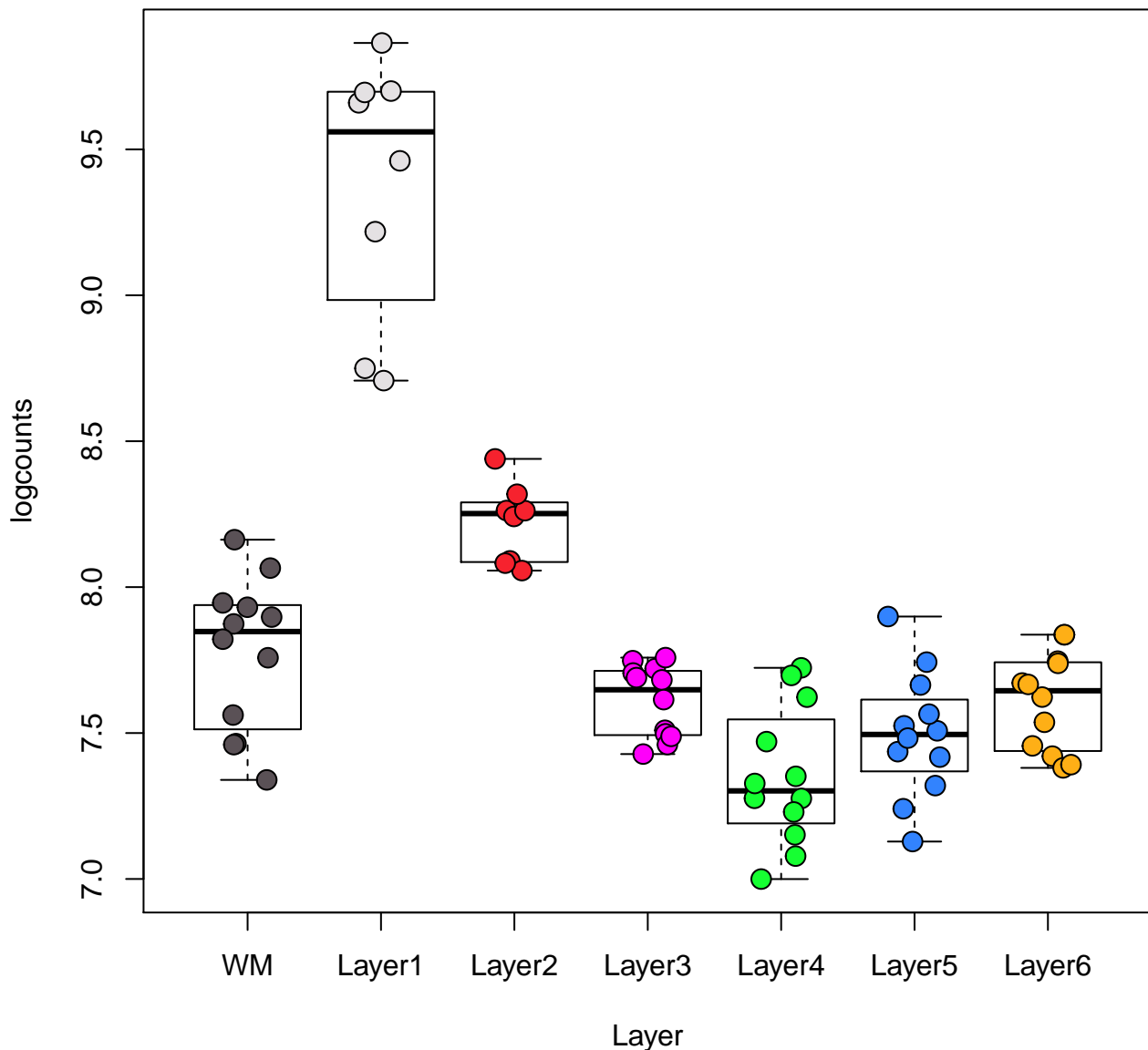
L1-L2\_r2;L1-L3\_r4



# MT1G ENSG00000125144 Layer1-Layer2

tstat 1.04e+01 p 6.95e-16

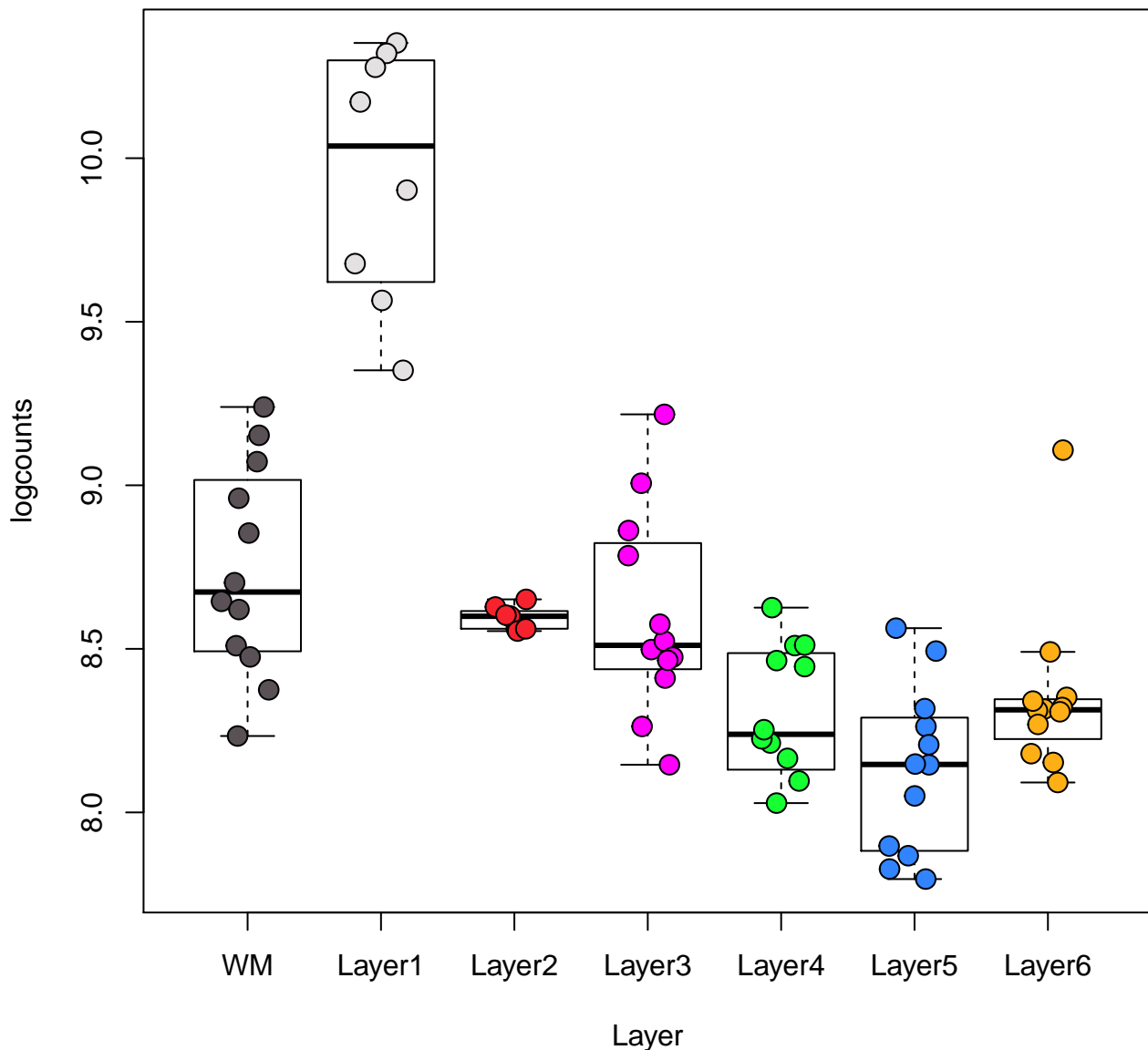
L1\_r1;L1-L2\_r3;L1-L3\_r1;L1-L4\_r1;L1-L5\_r1;L1-L6\_r1;L1-WM\_r2



VIM ENSG00000026025 Layer1-Layer2

tstat 1.02e+01 p 1.20e-15

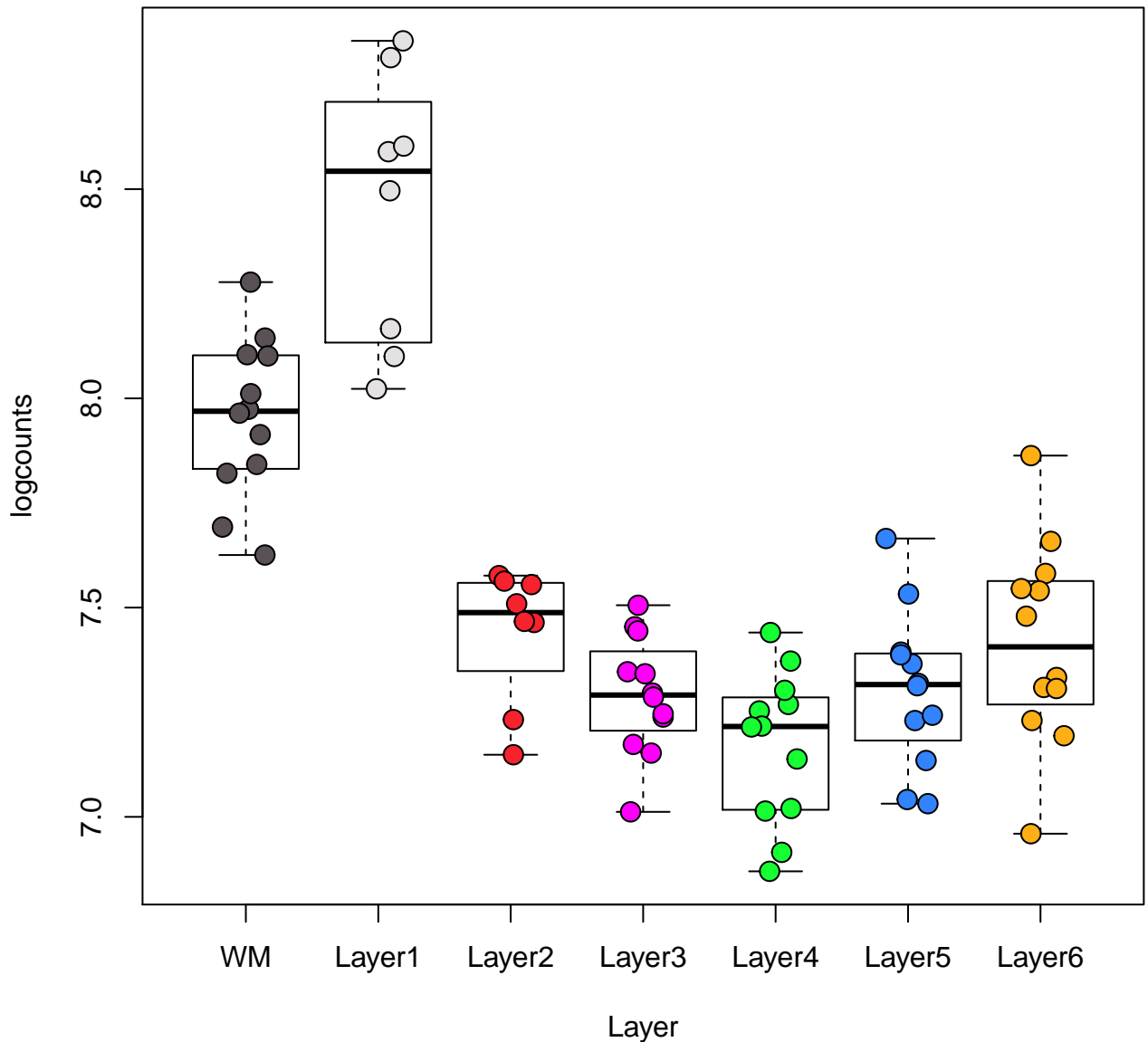
L1\_r2;L1-L2\_r4;L1-L3\_r7;L1-L4\_r6;L1-L5\_r3;L1-L6\_r6



# EZR ENSG00000092820 Layer1-Layer2

tstat 1.00e+01 p 2.85e-15

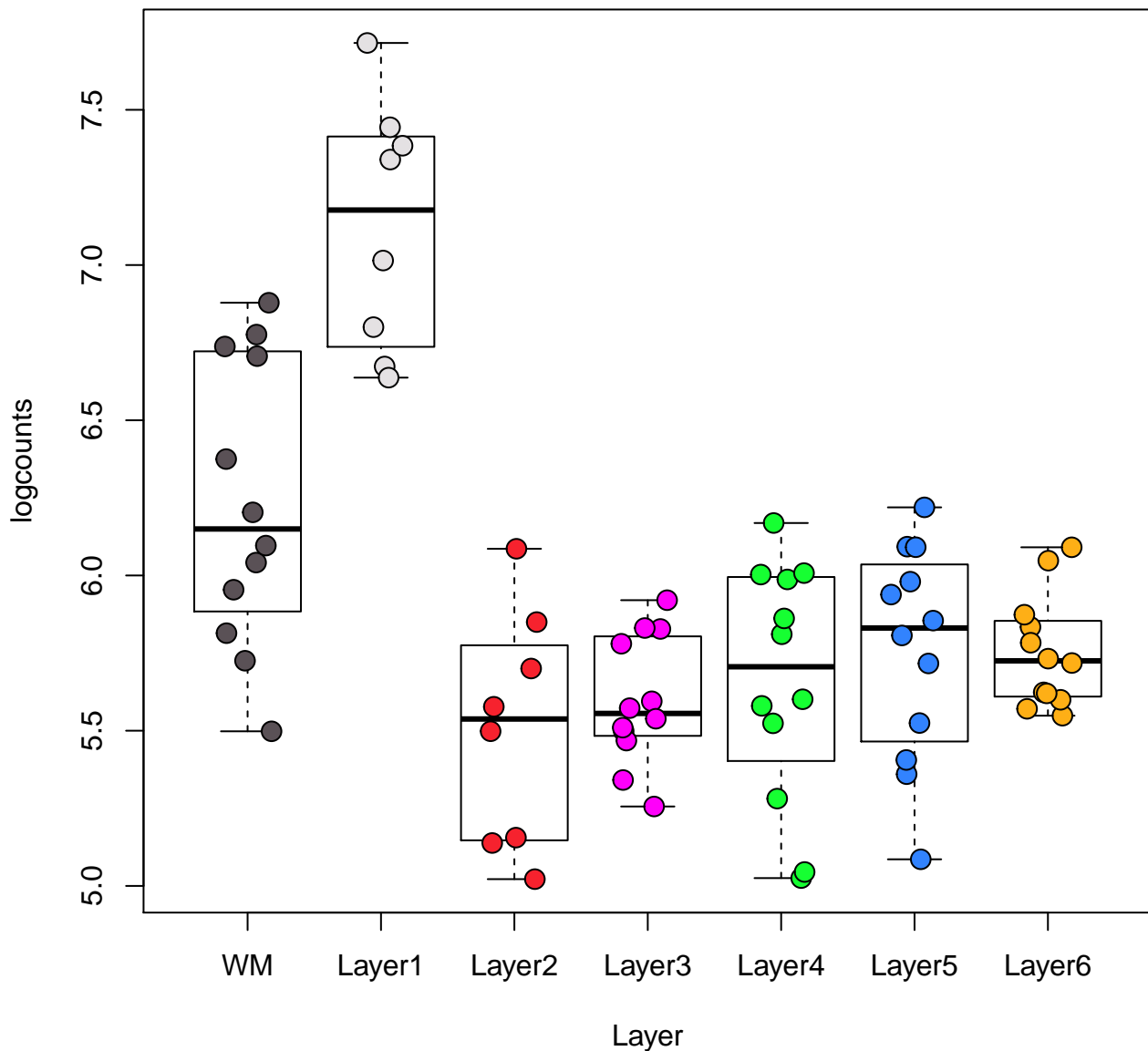
L1-L2\_r5;L1-L3\_r3;L1-L4\_r10



# PFKFB2 ENSG00000123836 Layer1-Layer2

tstat 1.00e+01 p 3.17e-15

L1-L2\_r6

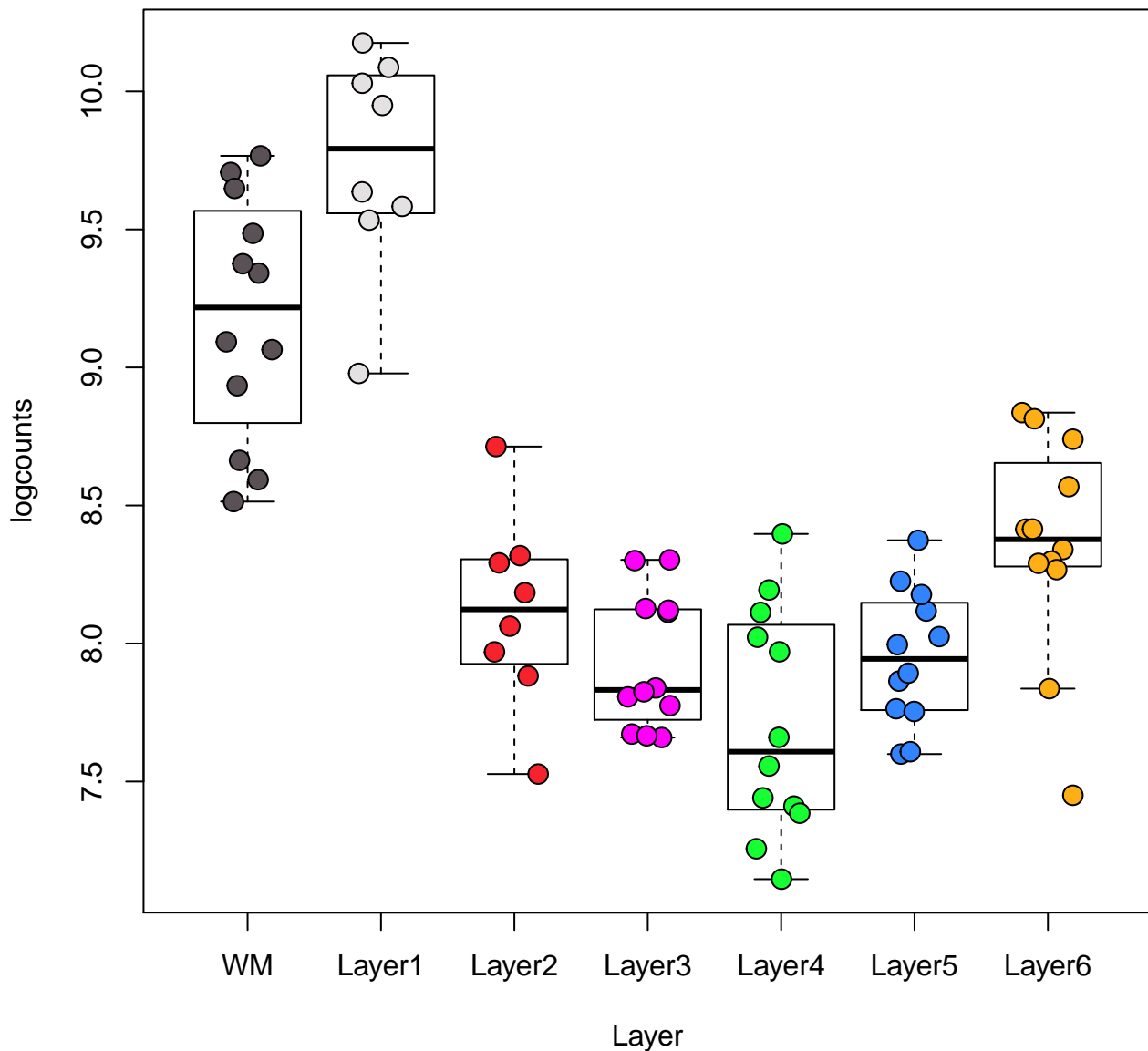




# AQP4 ENSG00000171885 Layer1-Layer2

tstat 9.74e+00 p 9.72e-15

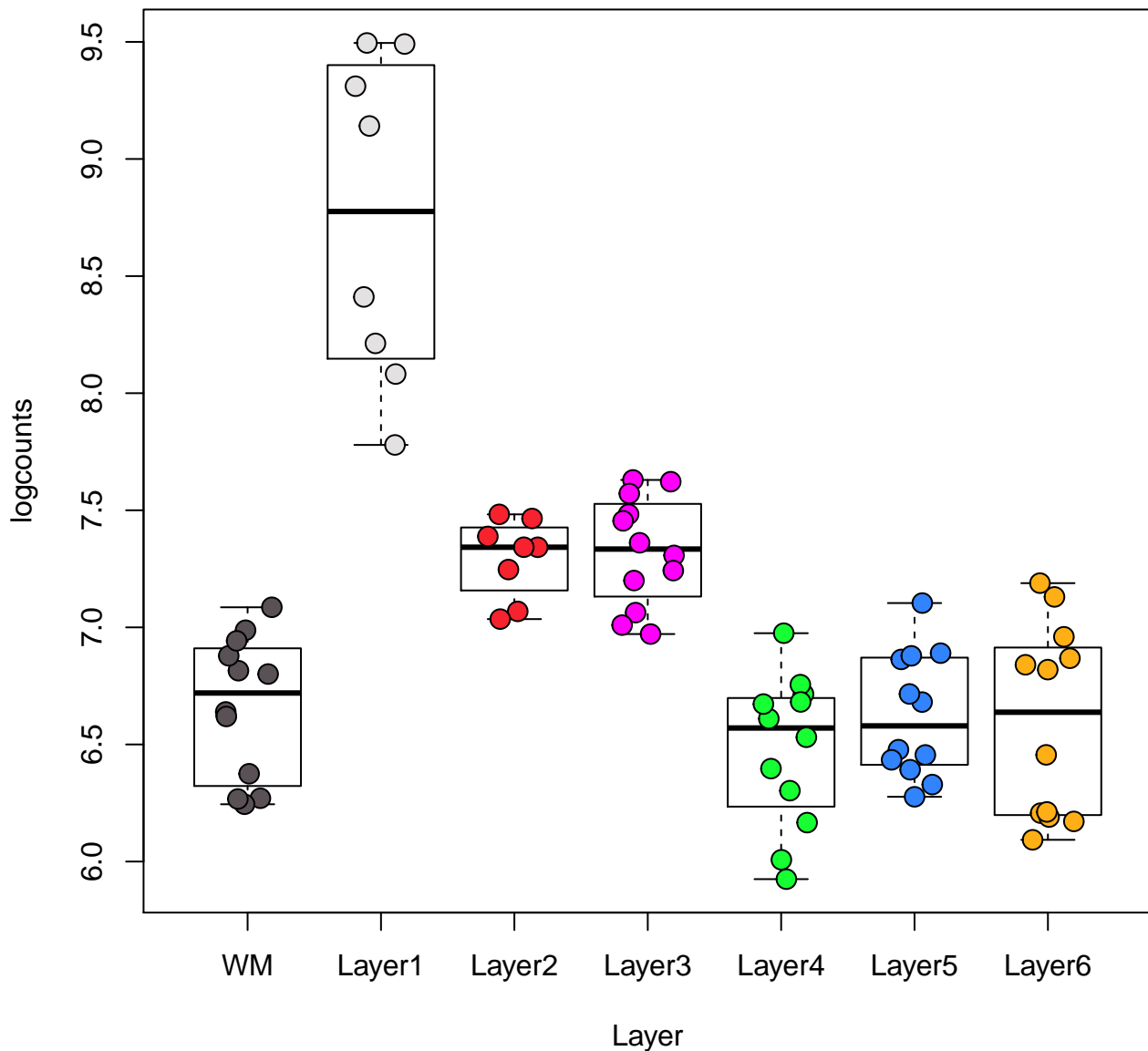
L1-L2\_r7;L1-L3\_r6



# FABP7 ENSG00000164434 Layer1-Layer2

tstat 9.51e+00 p 2.50e-14

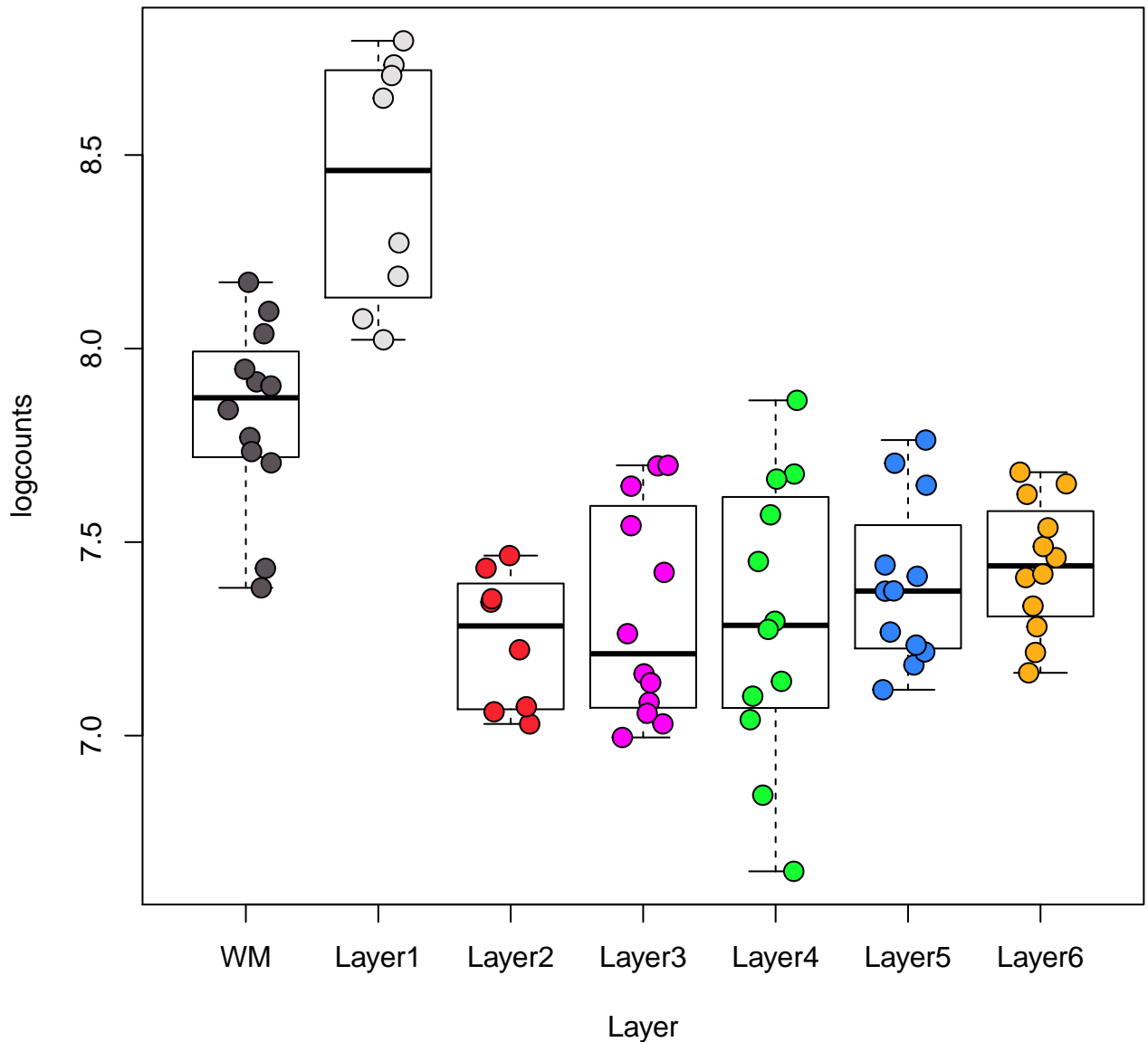
L1\_r3;L1-L2\_r8;L1-L4\_r2;L1-L5\_r2;L1-L6\_r2;L1-WM\_r4



# PON2 ENSG00000105854 Layer1-Layer2

tstat 9.49e+00 p 2.82e-14

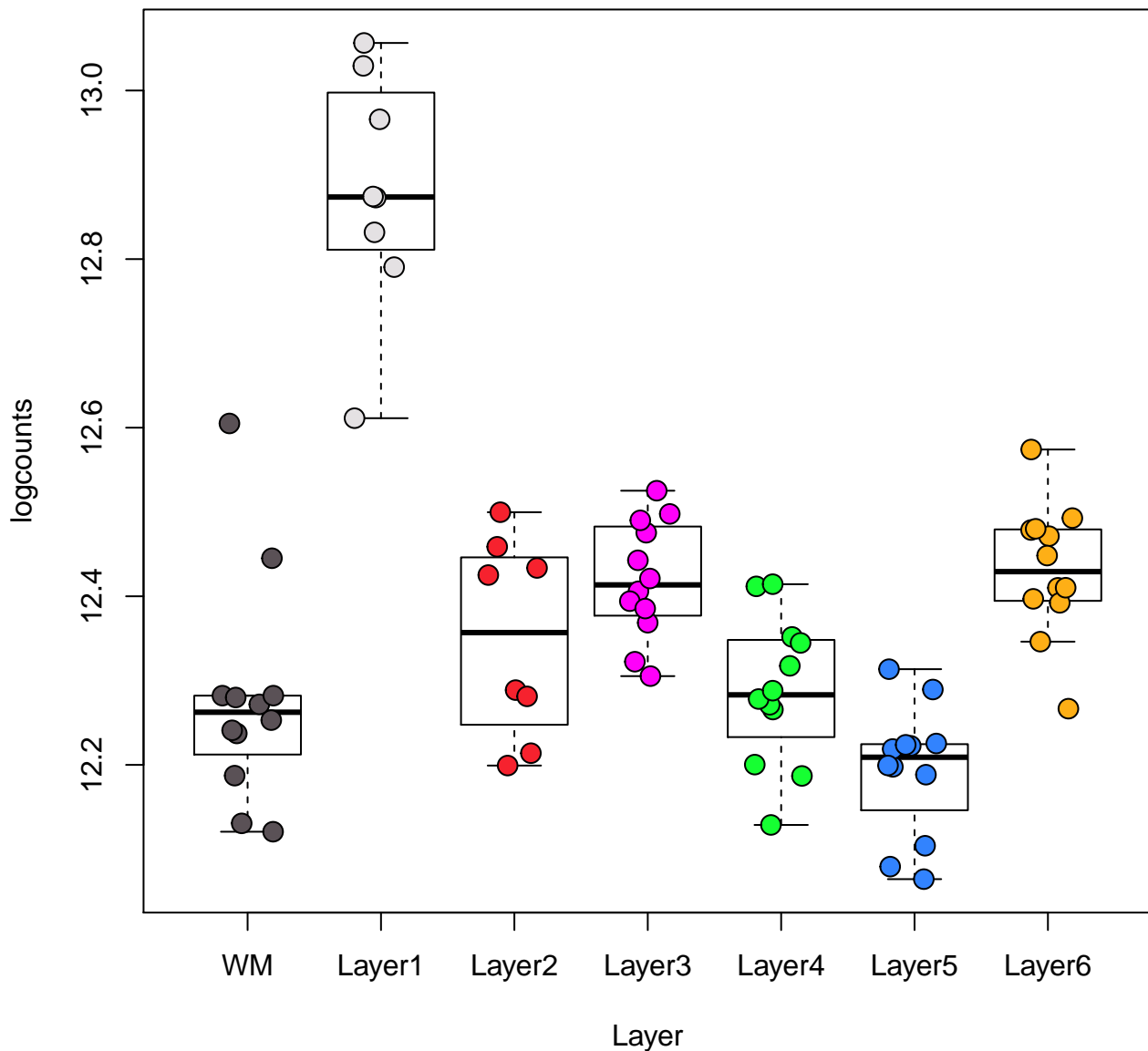
L1-L2\_r9



# CLU ENSG00000120885 Layer1-Layer2

tstat 9.32e+00 p 5.71e-14

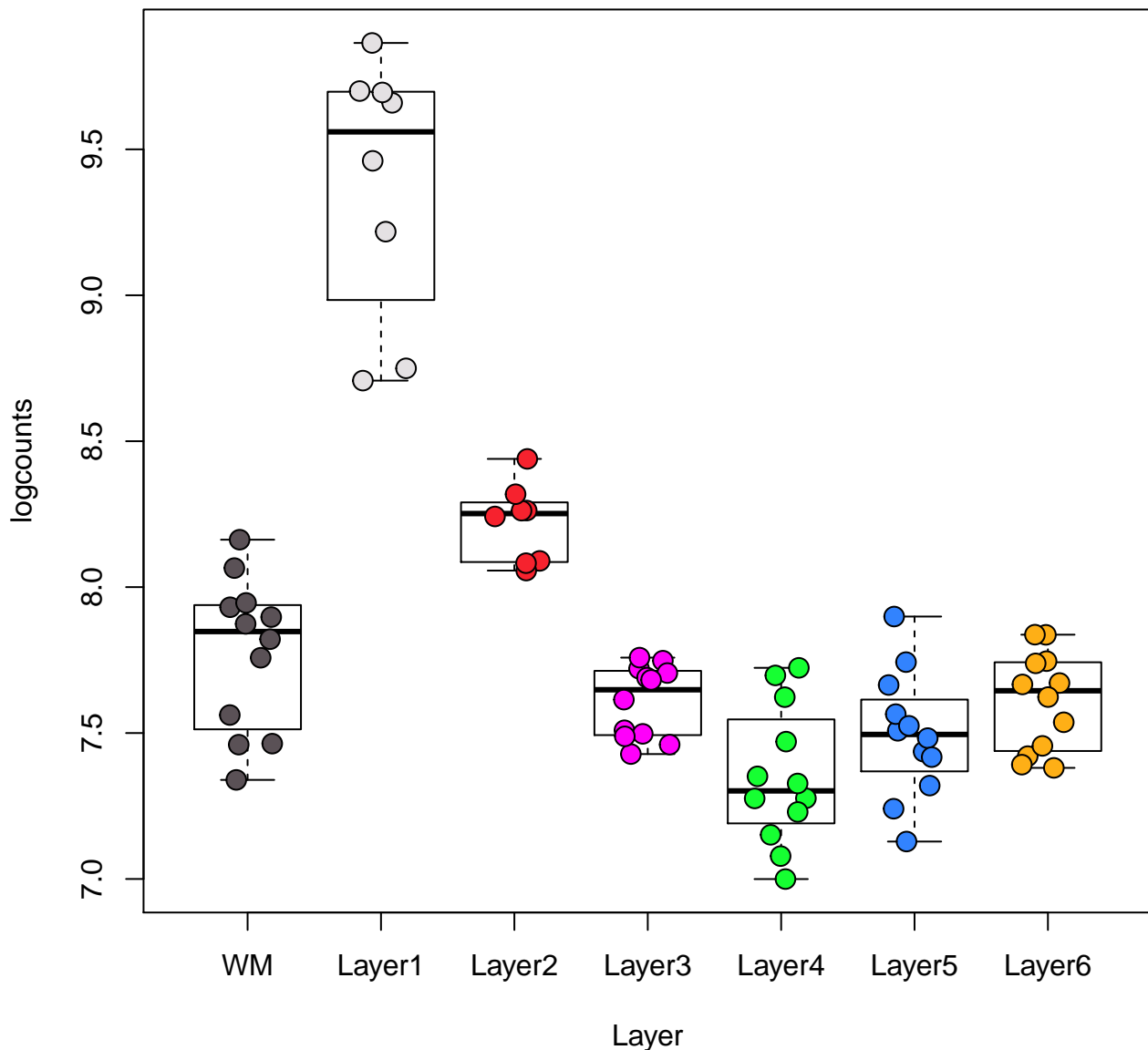
L1-L2\_r10;L1-L5\_r7



MT1G ENSG00000125144 Layer1-Layer3

tstat 1.74e+01 p 1.83e-27

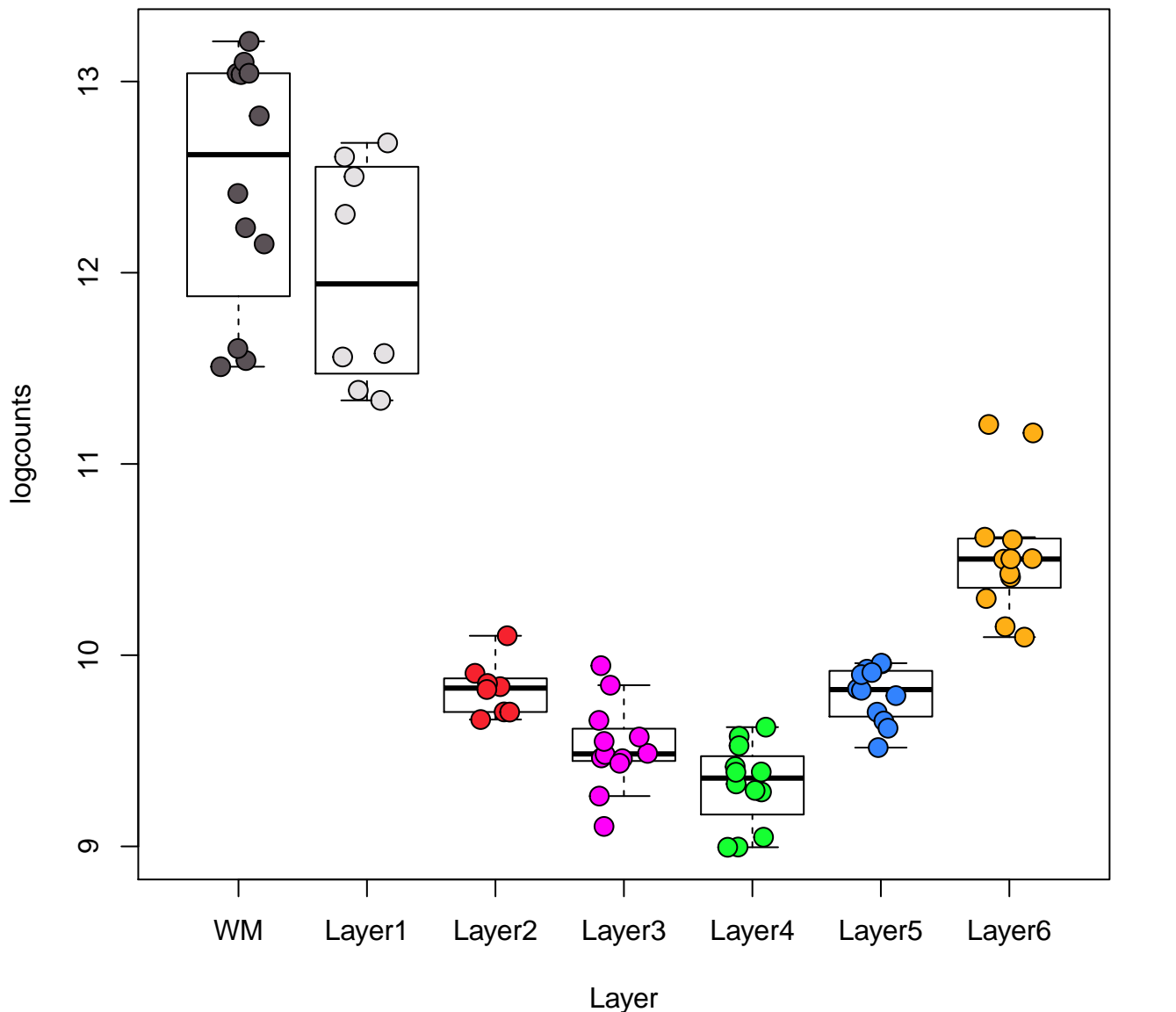
L1\_r1;L1-L2\_r3;L1-L3\_r1;L1-L4\_r1;L1-L5\_r1;L1-L6\_r1;L1-WM\_r2



# GFAP ENSG00000131095 Layer1-Layer3

tstat 1.45e+01 p 6.17e-23

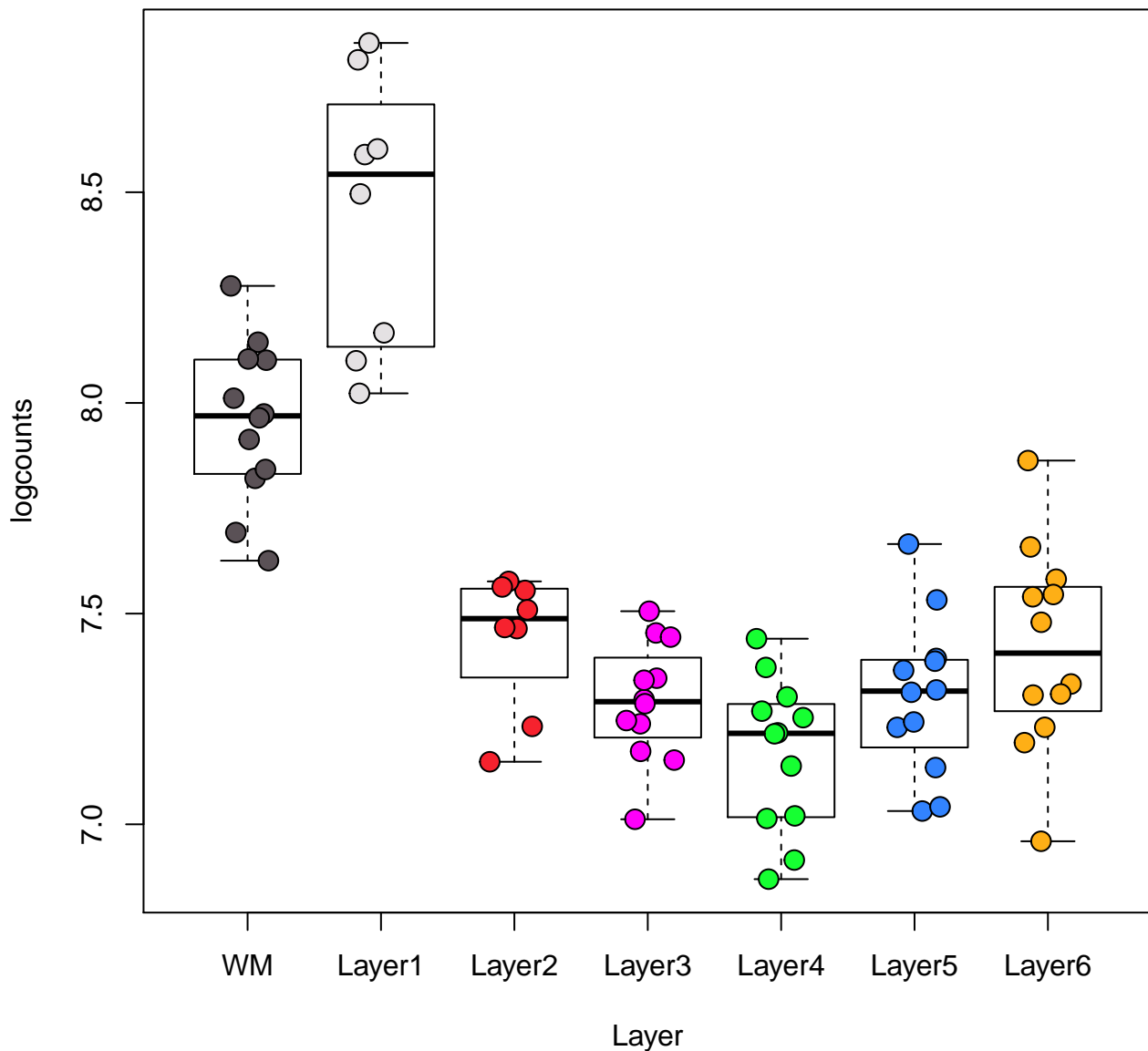
WM-L3\_r4;WM-L4\_r1;WM-L5\_r1;WM-L6\_r1;L1-L2\_r1;L1-L3\_r2;L1-L4\_r1



# EZR ENSG00000092820 Layer1-Layer3

tstat 1.23e+01 p 2.93e-19

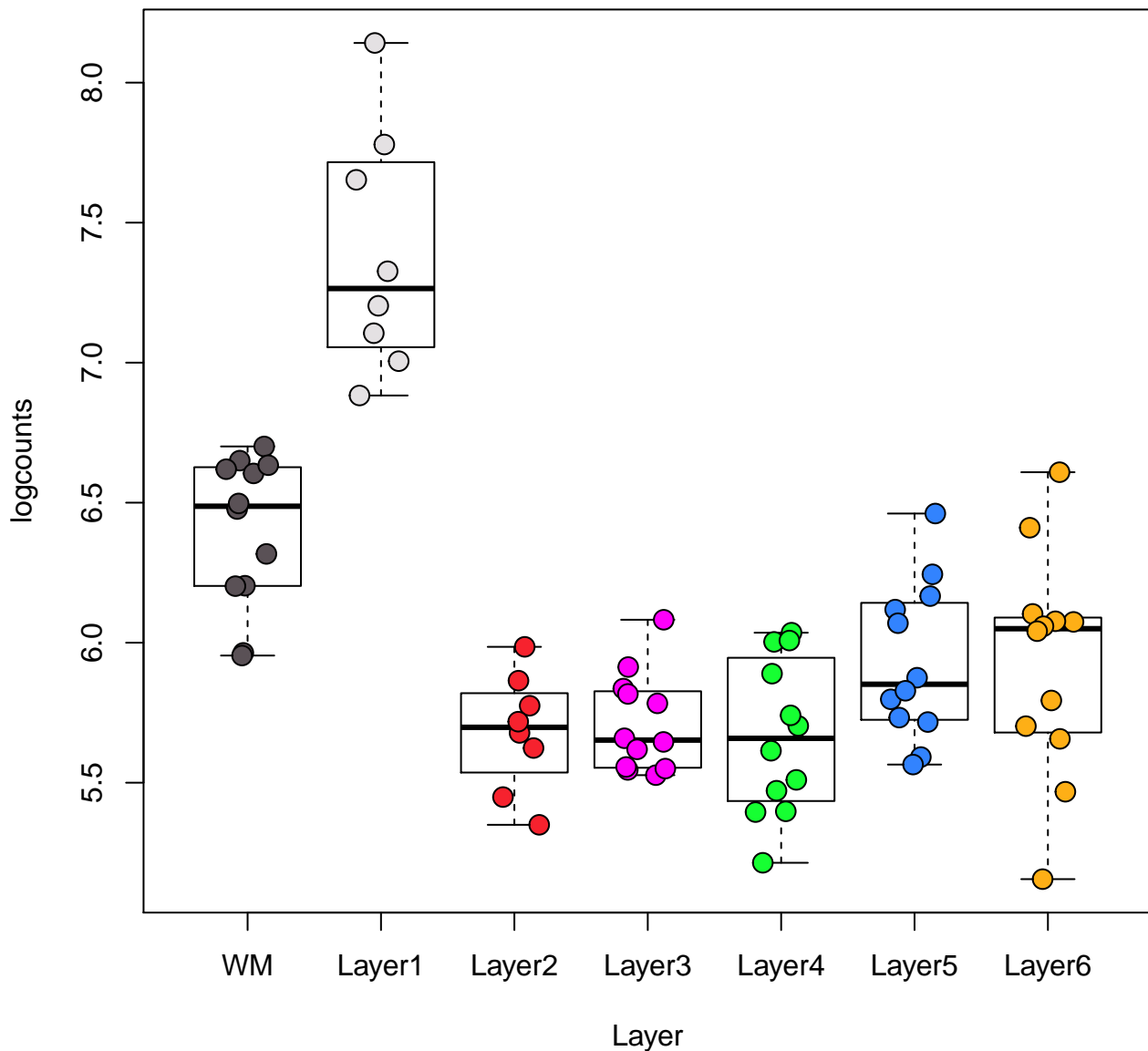
L1-L2\_r5;L1-L3\_r3;L1-L4\_r10



# CALD1 ENSG00000122786 Layer1-Layer3

tstat 1.22e+01 p 3.55e-19

L1-L2\_r2;L1-L3\_r4

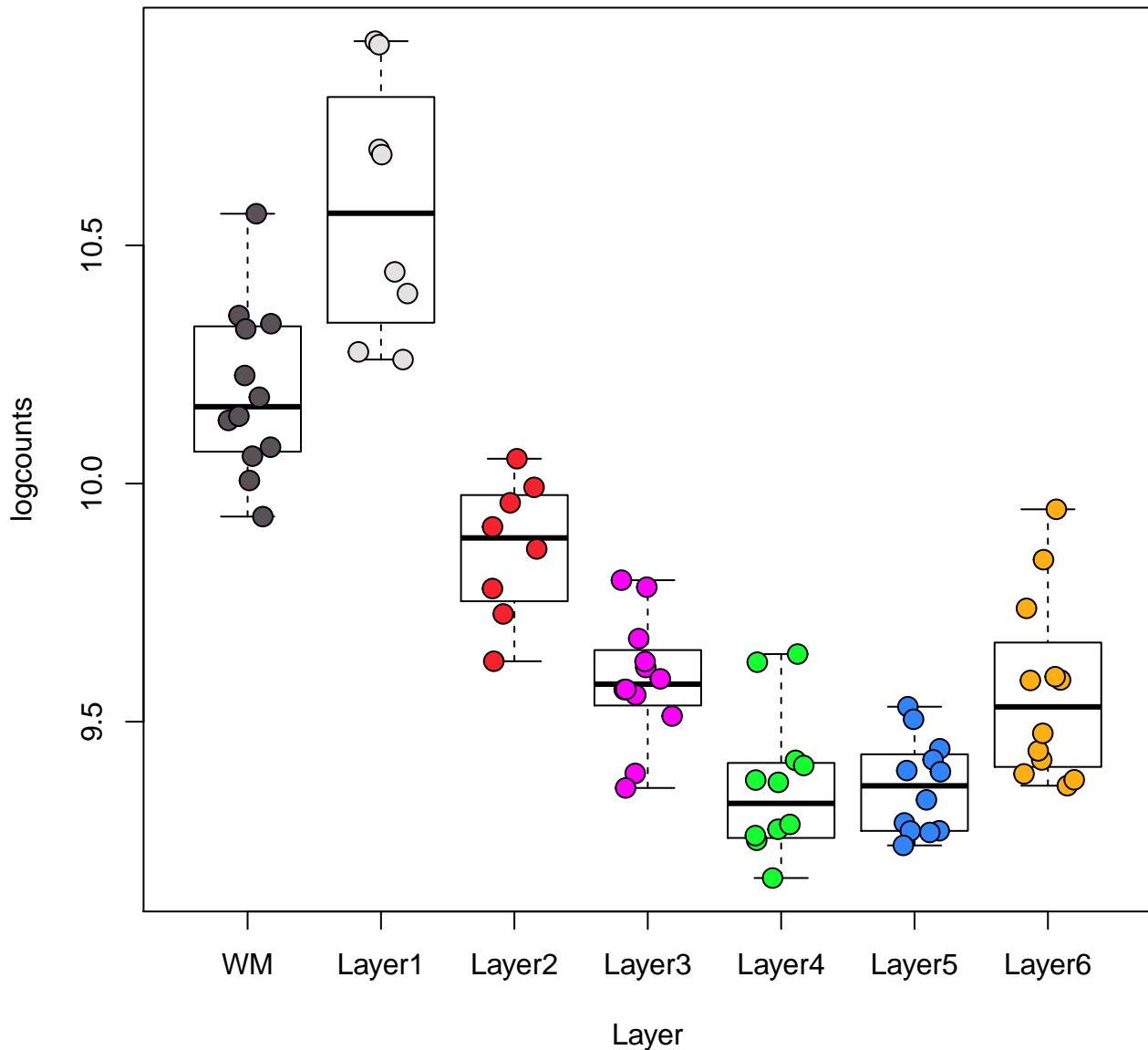




# MT2A ENSG00000125148 Layer1-Layer3

tstat 1.21e+01 p 4.93e-19

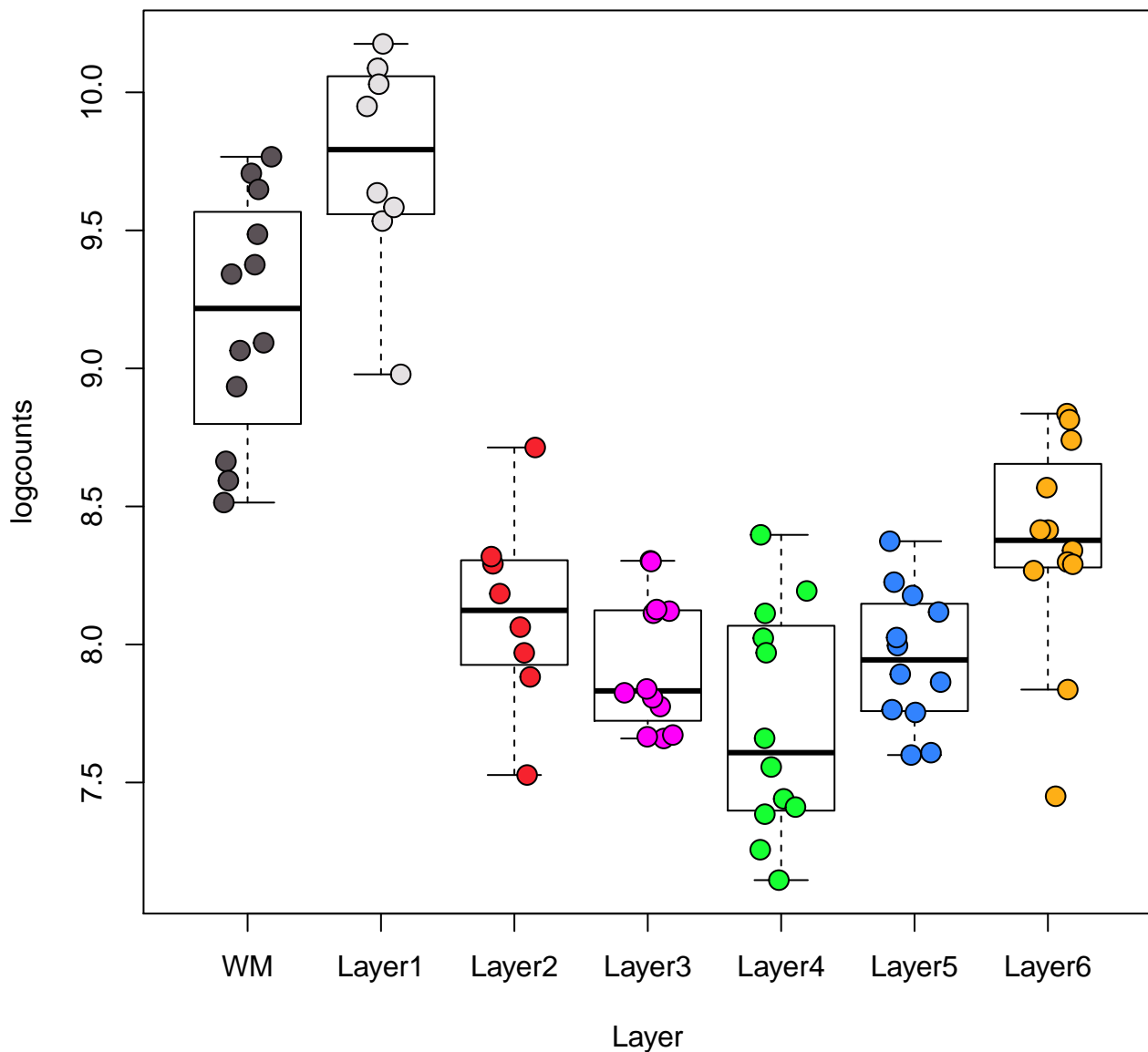
L1-L3\_r5;L1-L4\_r5;L1-L5\_r4;L1-L6\_r9



# AQP4 ENSG00000171885 Layer1-Layer3

tstat 1.21e+01 p 5.99e-19

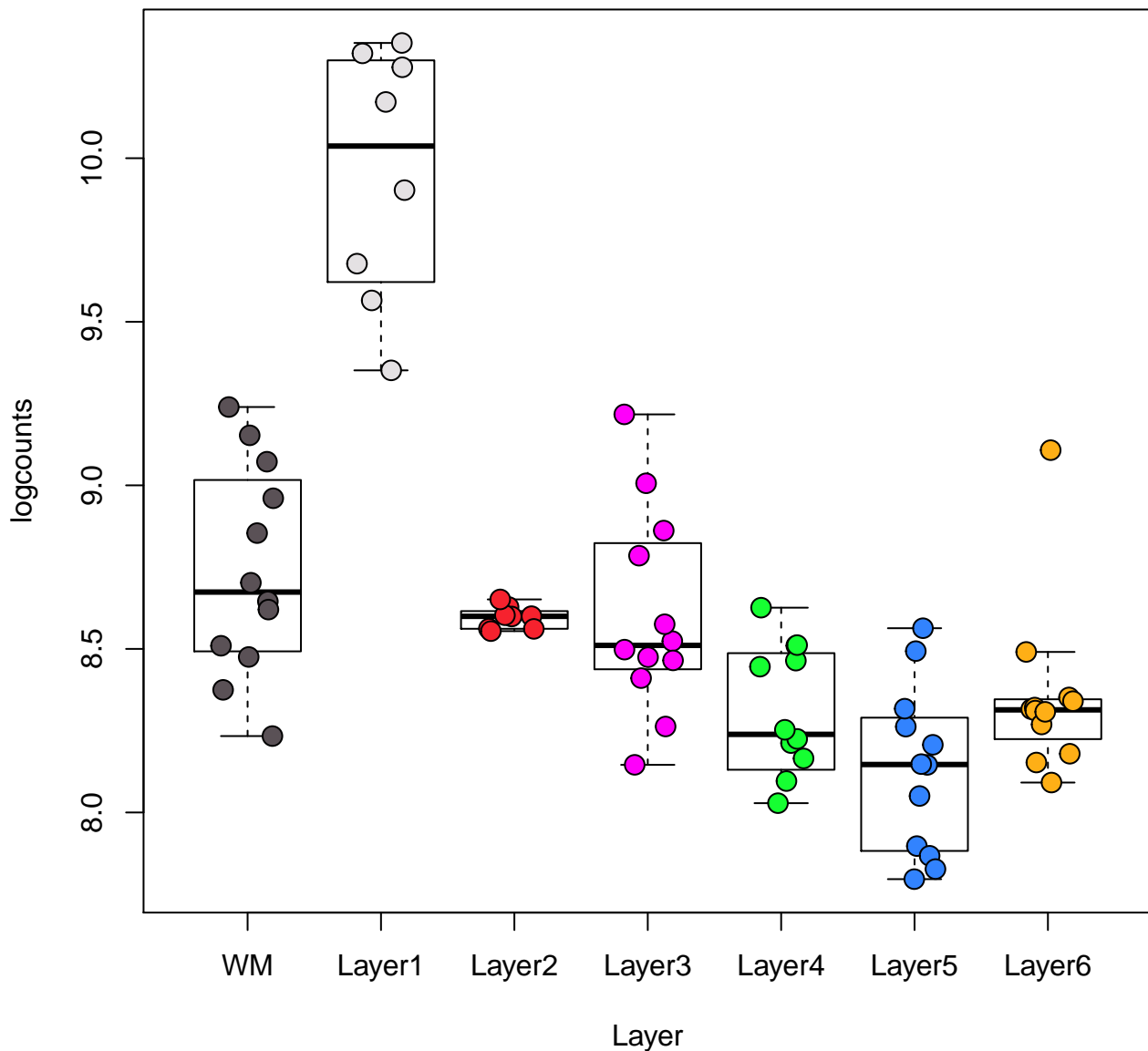
L1-L2\_r7;L1-L3\_r6



VIM ENSG00000026025 Layer1-Layer3

tstat 1.14e+01 p 8.14e-18

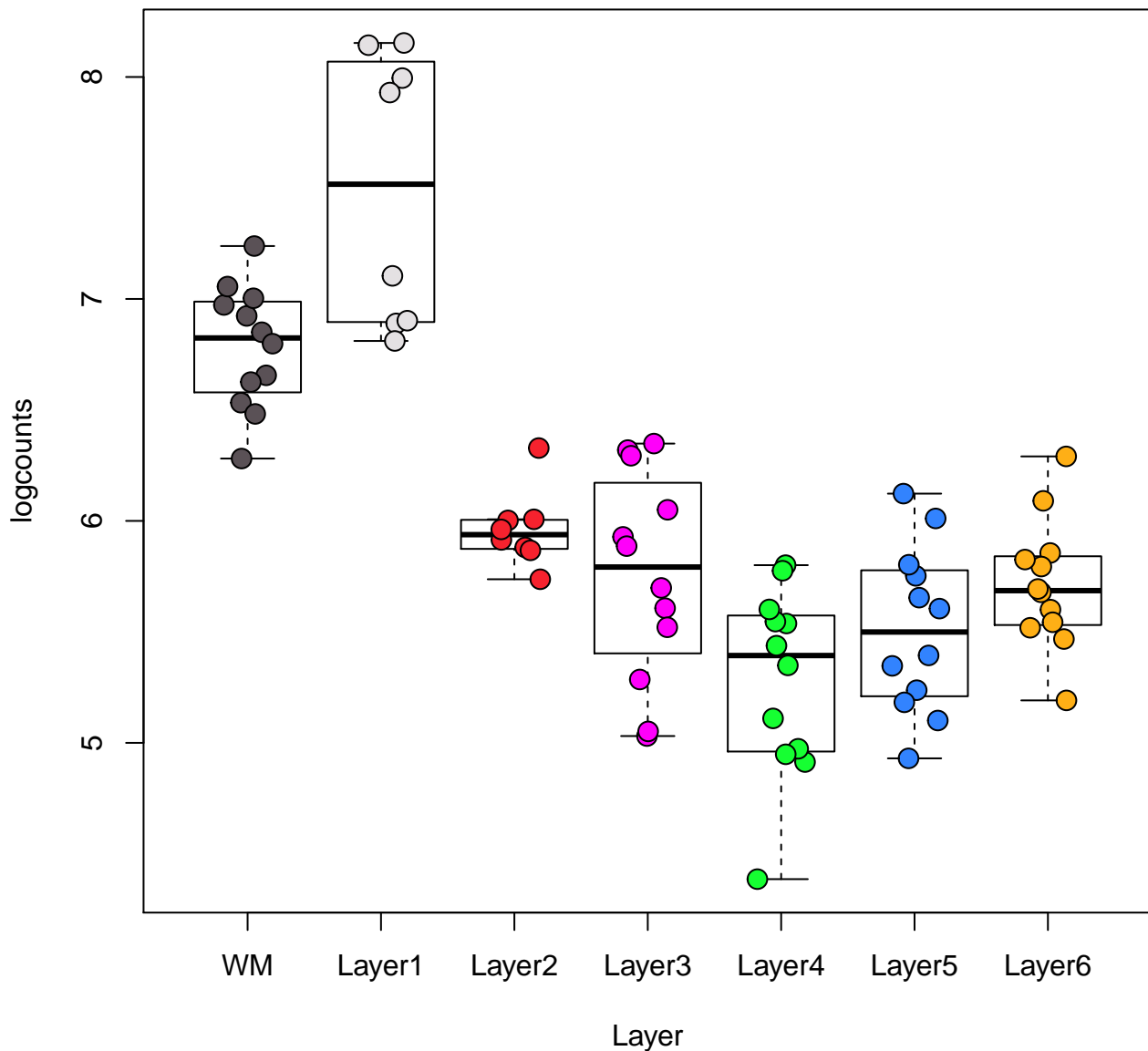
L1\_r2;L1-L2\_r4;L1-L3\_r7;L1-L4\_r6;L1-L5\_r3;L1-L6\_r6



# ID3 ENSG00000117318 Layer1-Layer3

tstat 1.10e+01 p 4.11e-17

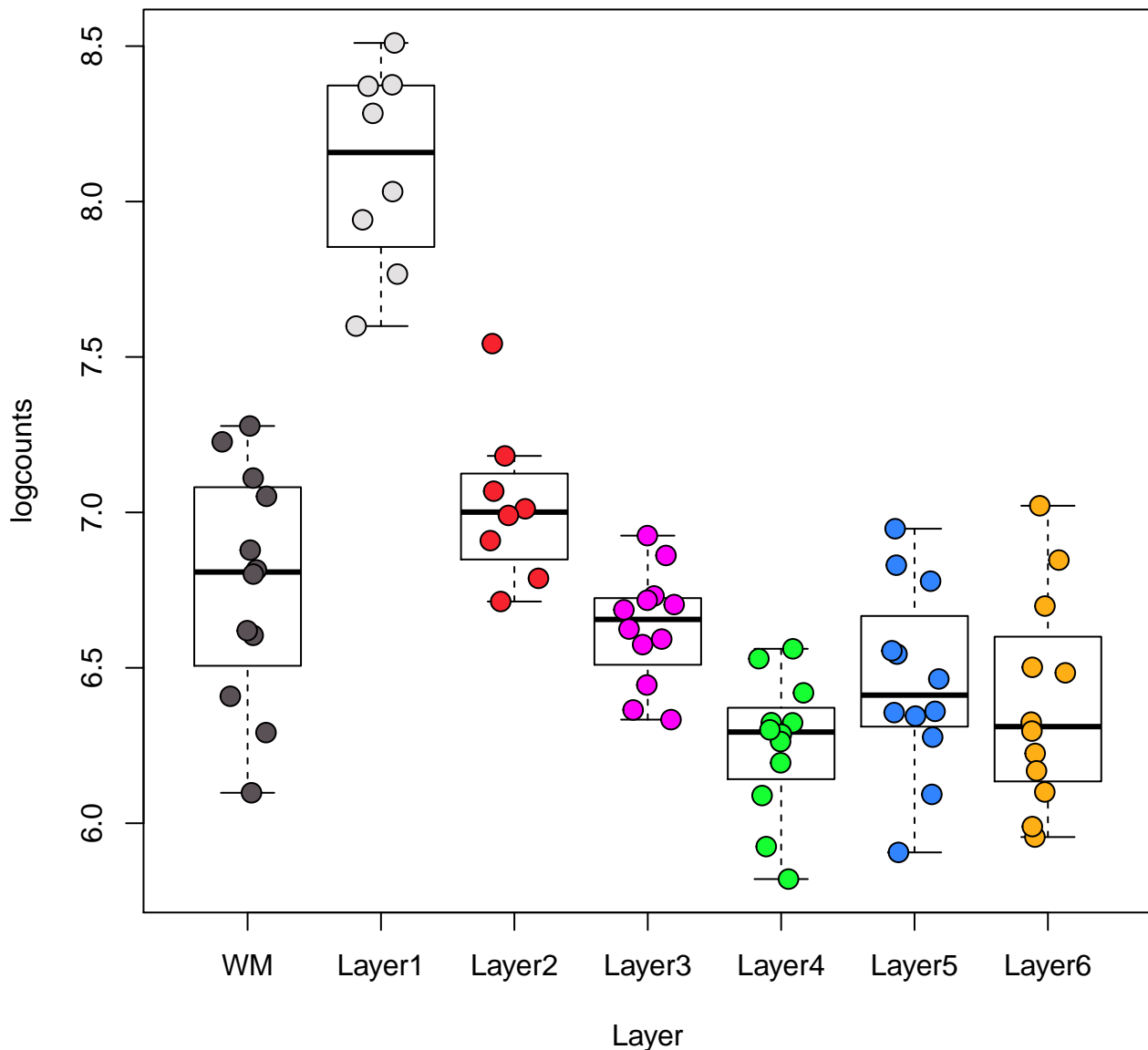
L1-L3\_r8;L1-L4\_r8



# MT1F ENSG00000198417 Layer1-Layer3

tstat 1.10e+01 p 4.53e-17

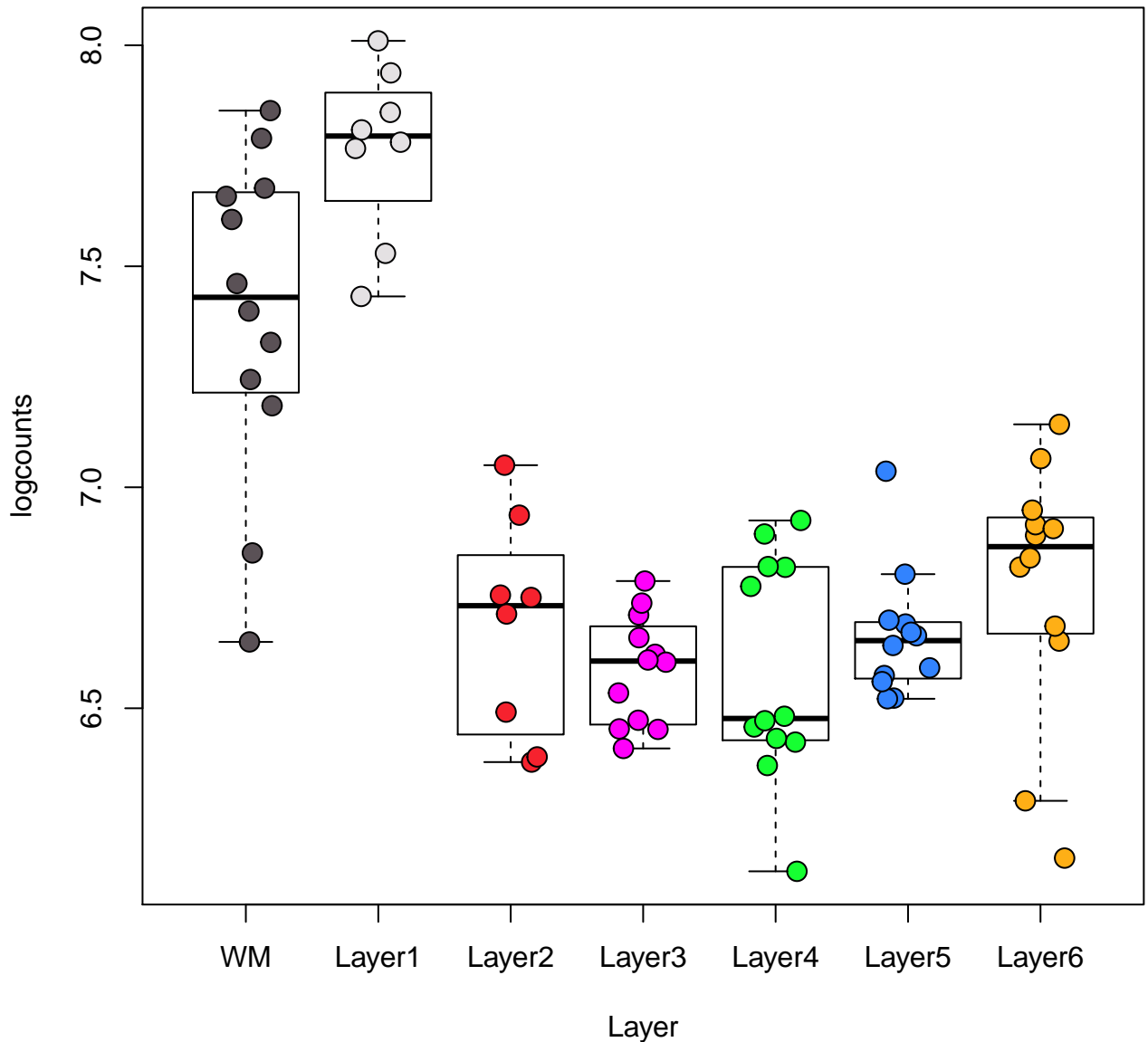
L1\_r5;L1-L3\_r9;L1-L4\_r9;L1-L6\_r7



# LRIG1 ENSG00000144749 Layer1-Layer3

tstat  $1.07\text{e}+01$  p  $1.52\text{e}-16$

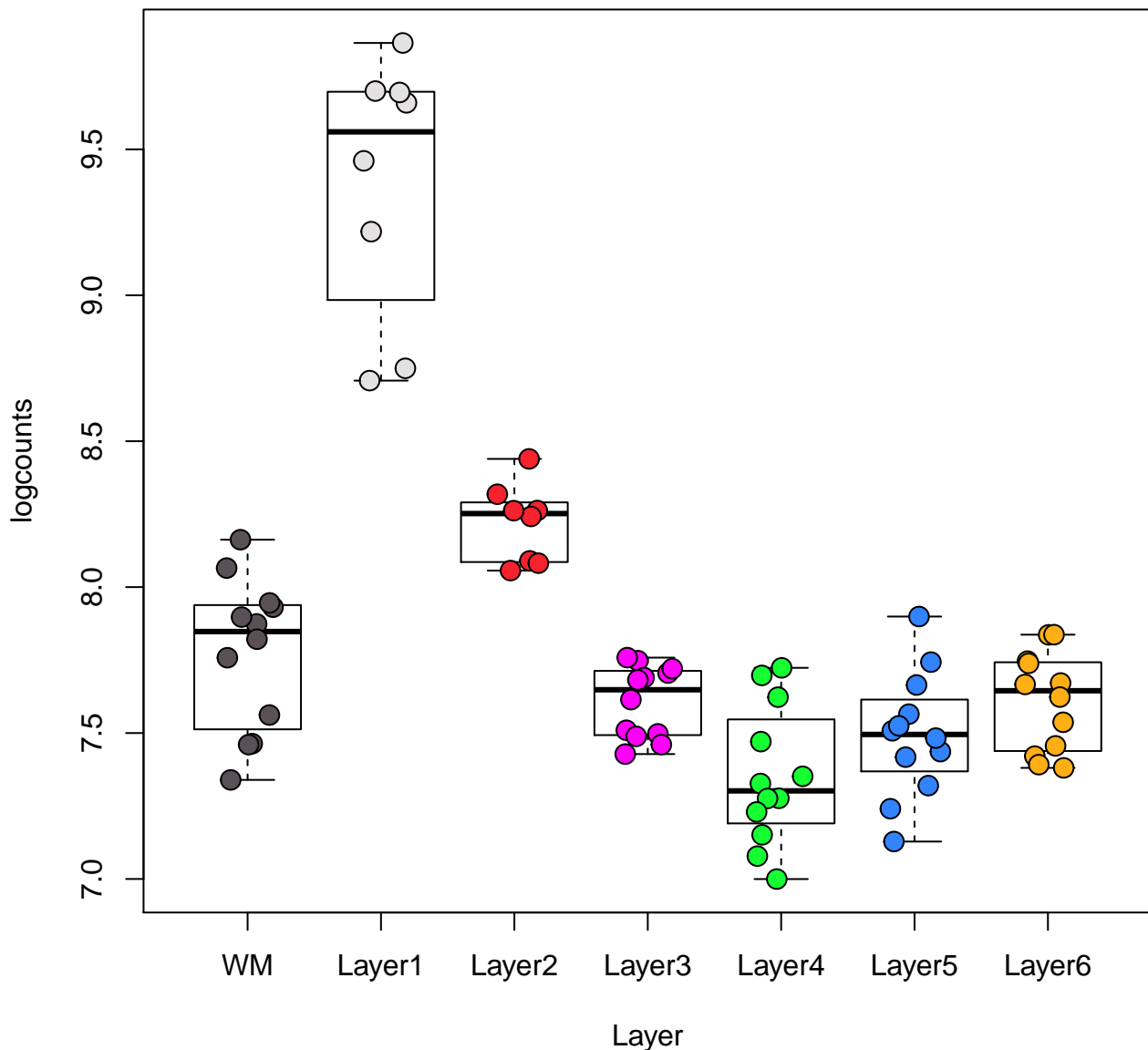
L1-L3\_r10



# MT1G ENSG00000125144 Layer1-Layer4

tstat 1.99e+01 p 6.48e-31

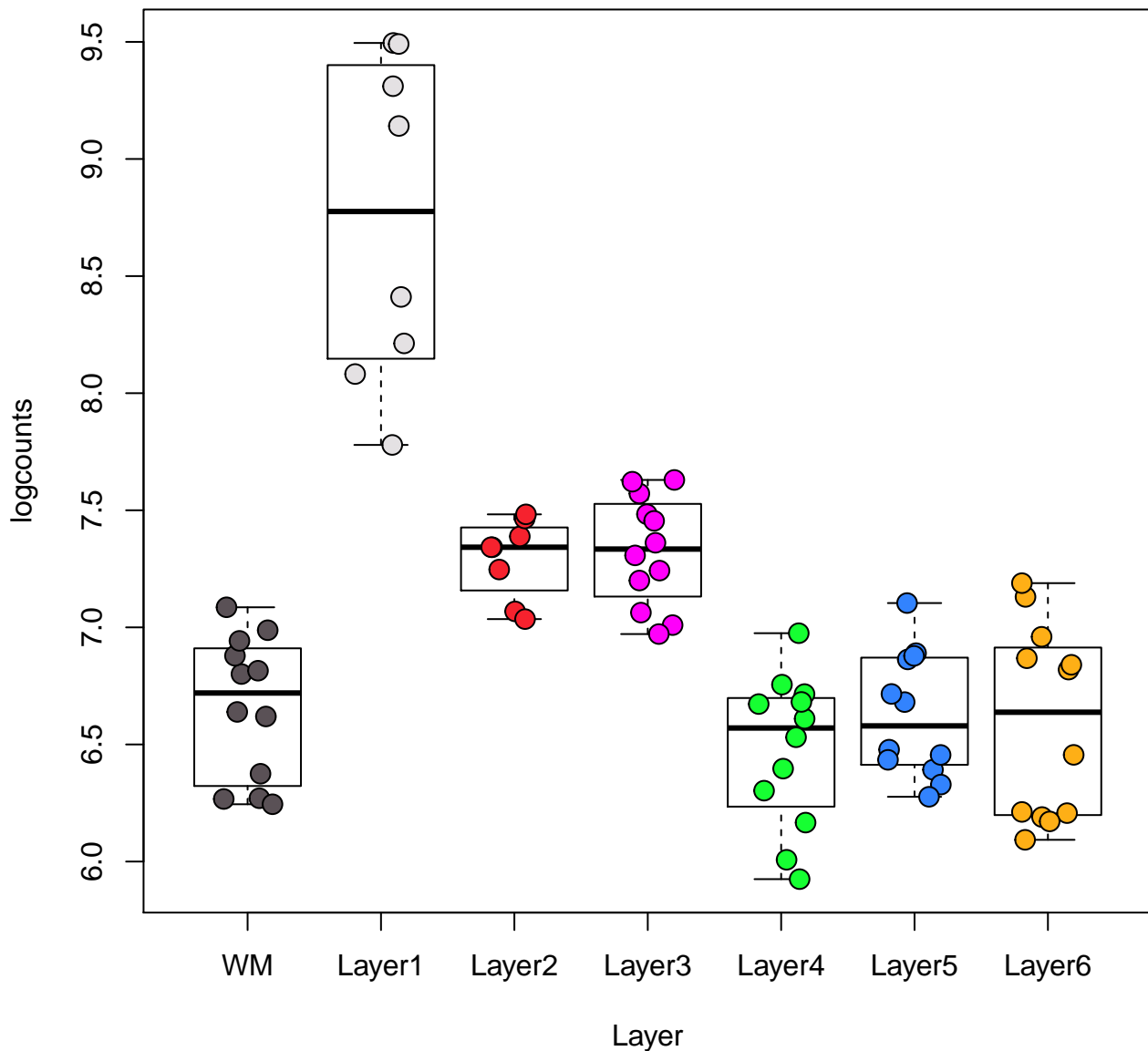
L1\_r1;L1-L2\_r3;L1-L3\_r1;L1-L4\_r1;L1-L5\_r1;L1-L6\_r1;L1-WM\_r2



# FABP7 ENSG00000164434 Layer1-Layer4

tstat 1.64e+01 p 6.27e-26

L1\_r3;L1-L2\_r8;L1-L4\_r2;L1-L5\_r2;L1-L6\_r2;L1-WM\_r4

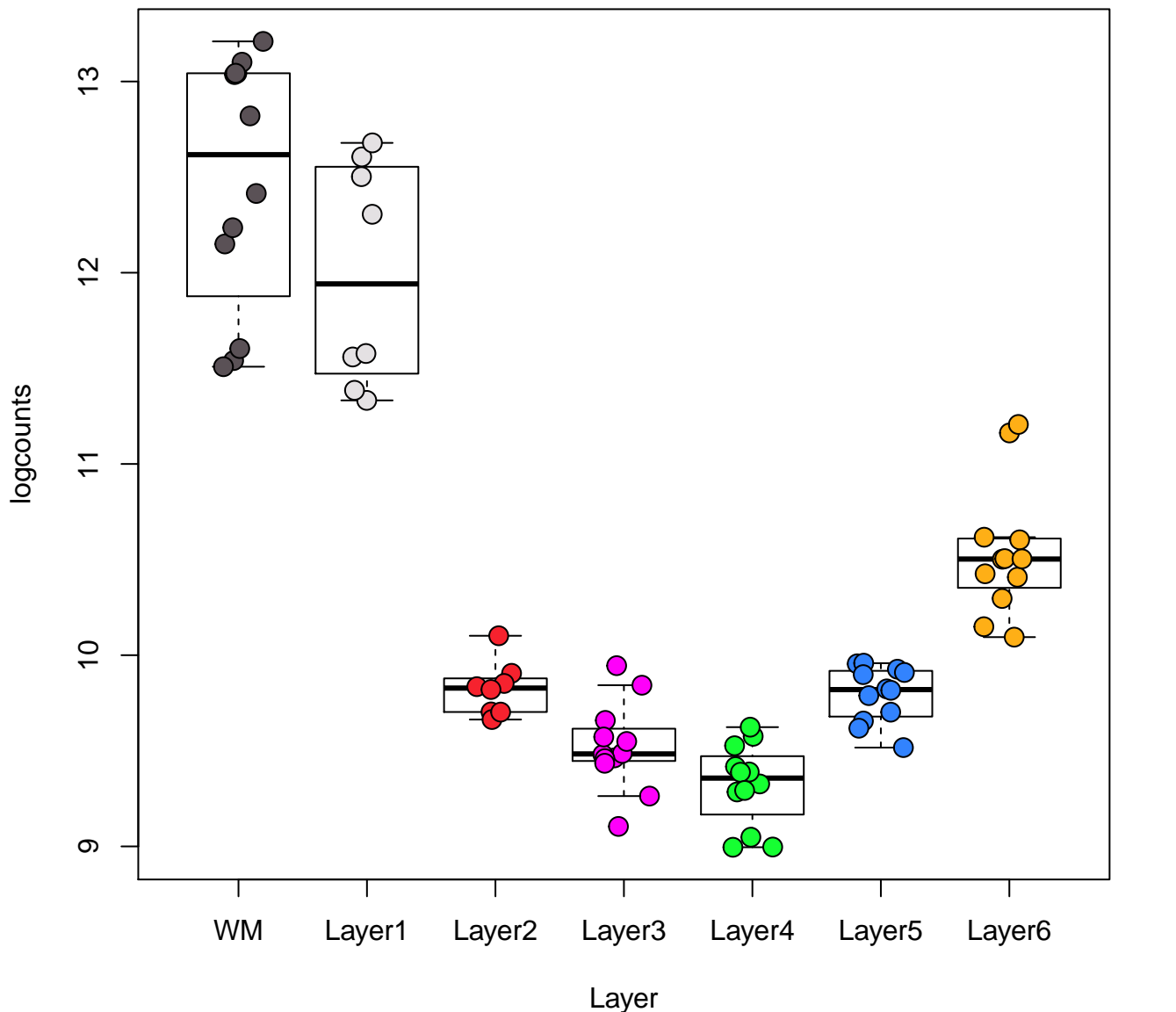




# GFAP ENSG00000131095 Layer1-Layer4

tstat 1.57e+01 p 8.36e-25

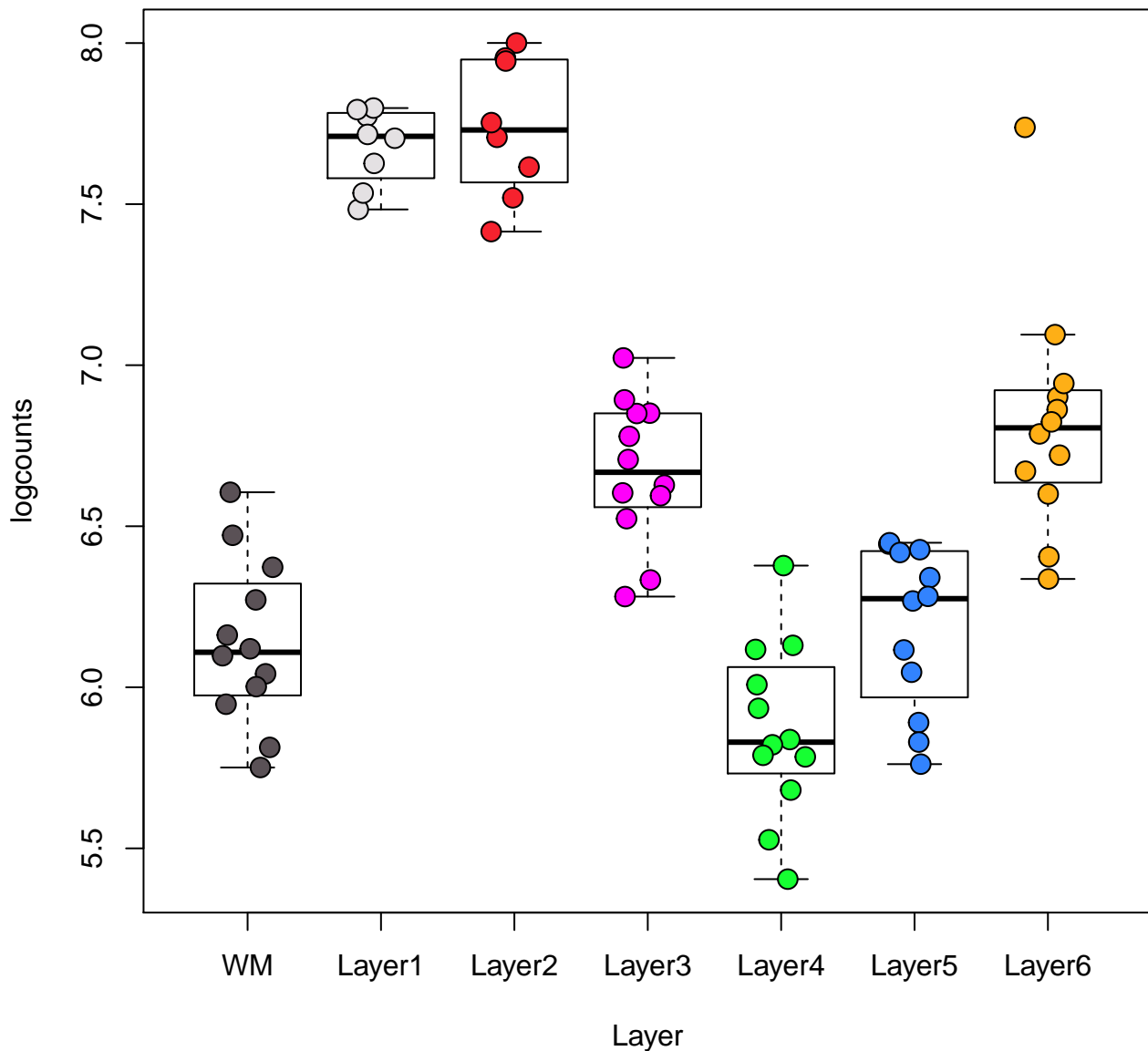
WM-L3\_r4;WM-L4\_r1;WM-L5\_r1;WM-L6\_r1;L1-L2\_r1;L1-L3\_r2;L1-L4\_r1



# RGS12 ENSG00000159788 Layer1-Layer4

tstat 1.55e+01 p 1.33e-24

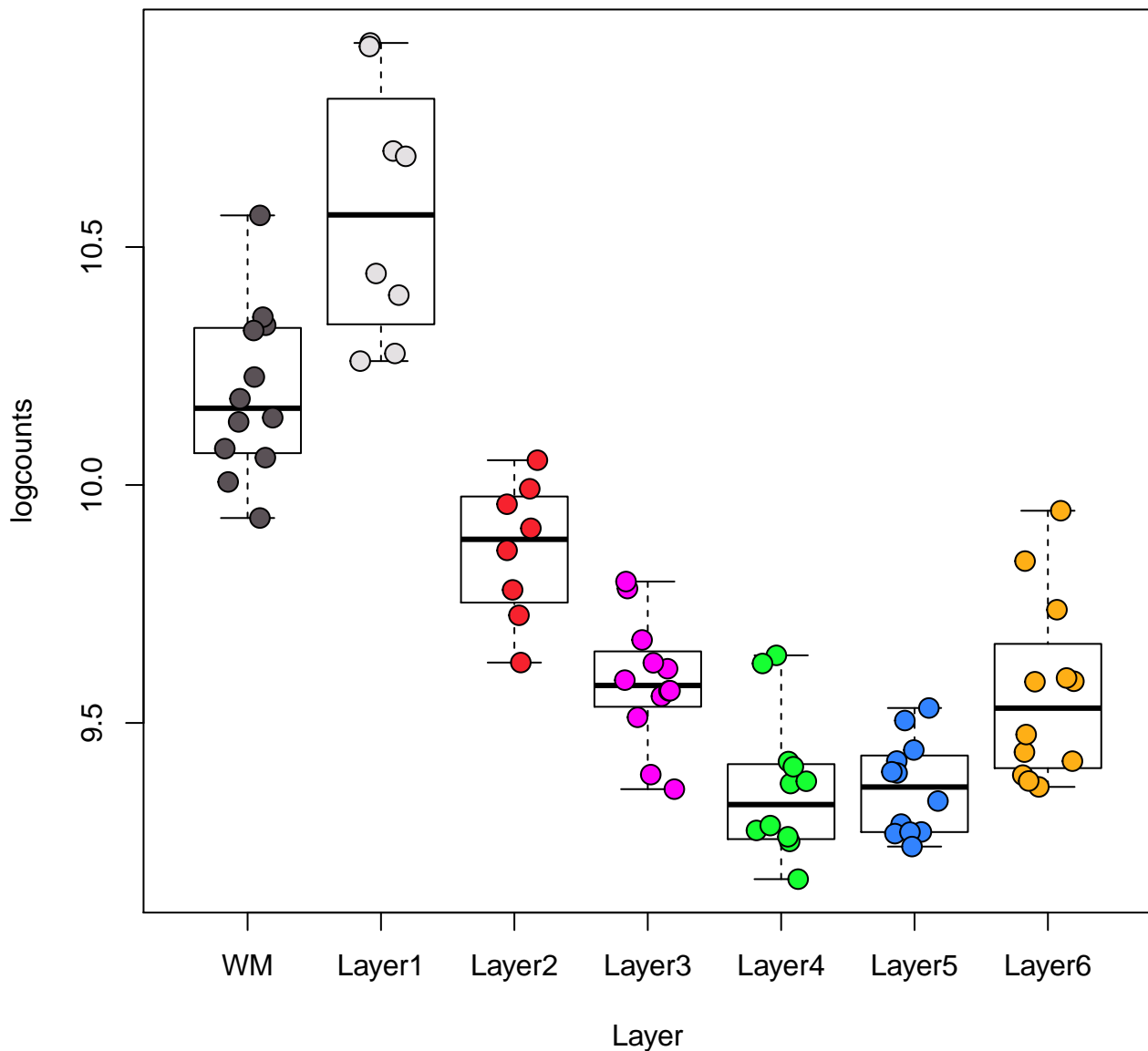
L1-L4\_r4;L2-L3\_r4;L2-L4\_r4;L3-L4\_r9



# MT2A ENSG00000125148 Layer1-Layer4

tstat 1.51e+01 p 5.70e-24

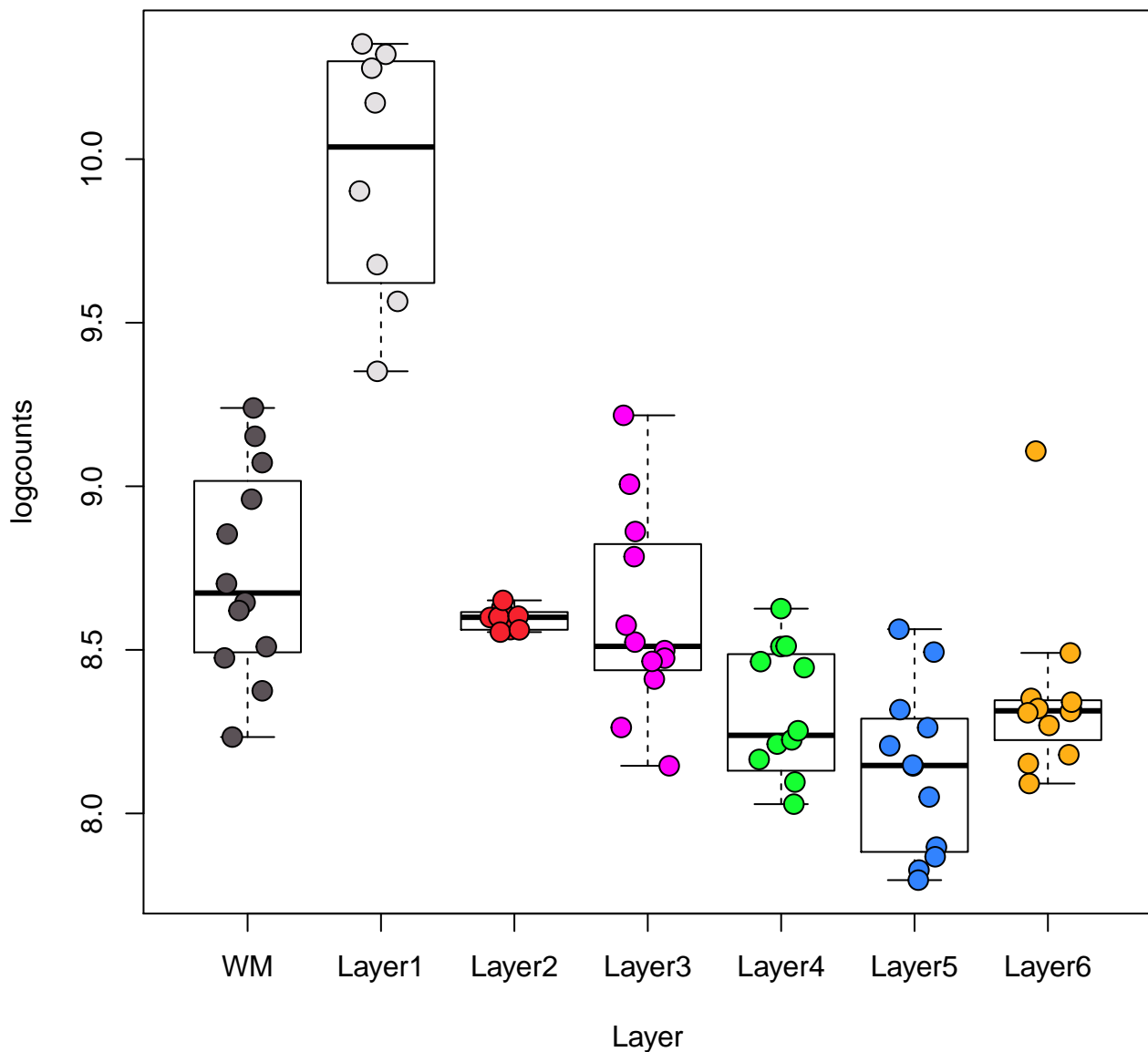
L1-L3\_r5;L1-L4\_r5;L1-L5\_r4;L1-L6\_r9



VIM ENSG00000026025 Layer1-Layer4

tstat 1.44e+01 p 7.69e-23

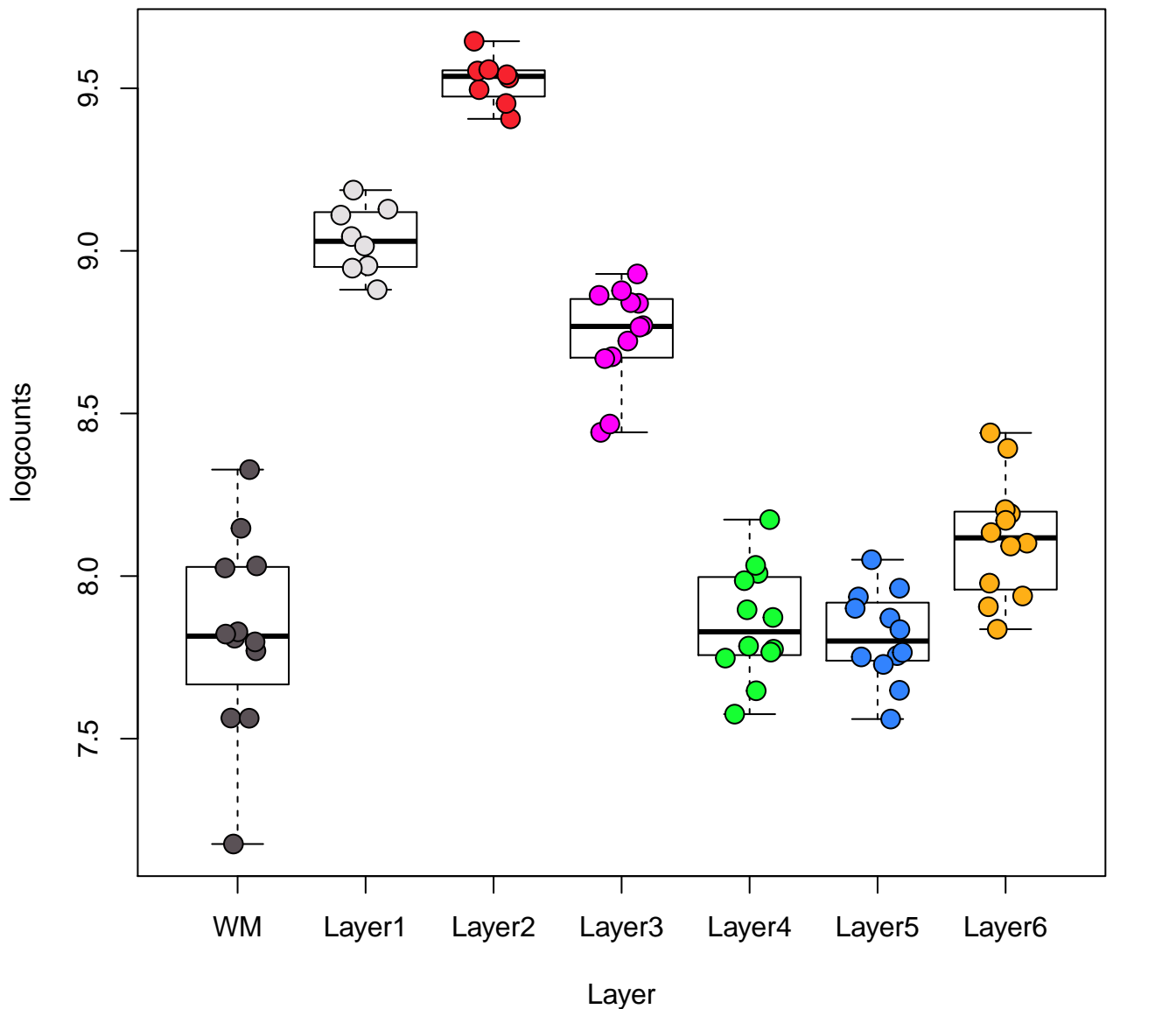
L1\_r2;L1-L2\_r4;L1-L3\_r7;L1-L4\_r6;L1-L5\_r3;L1-L6\_r6



# SERPINE2 ENSG00000135919 Layer1-Layer4

tstat 1.39e+01 p 4.64e-22

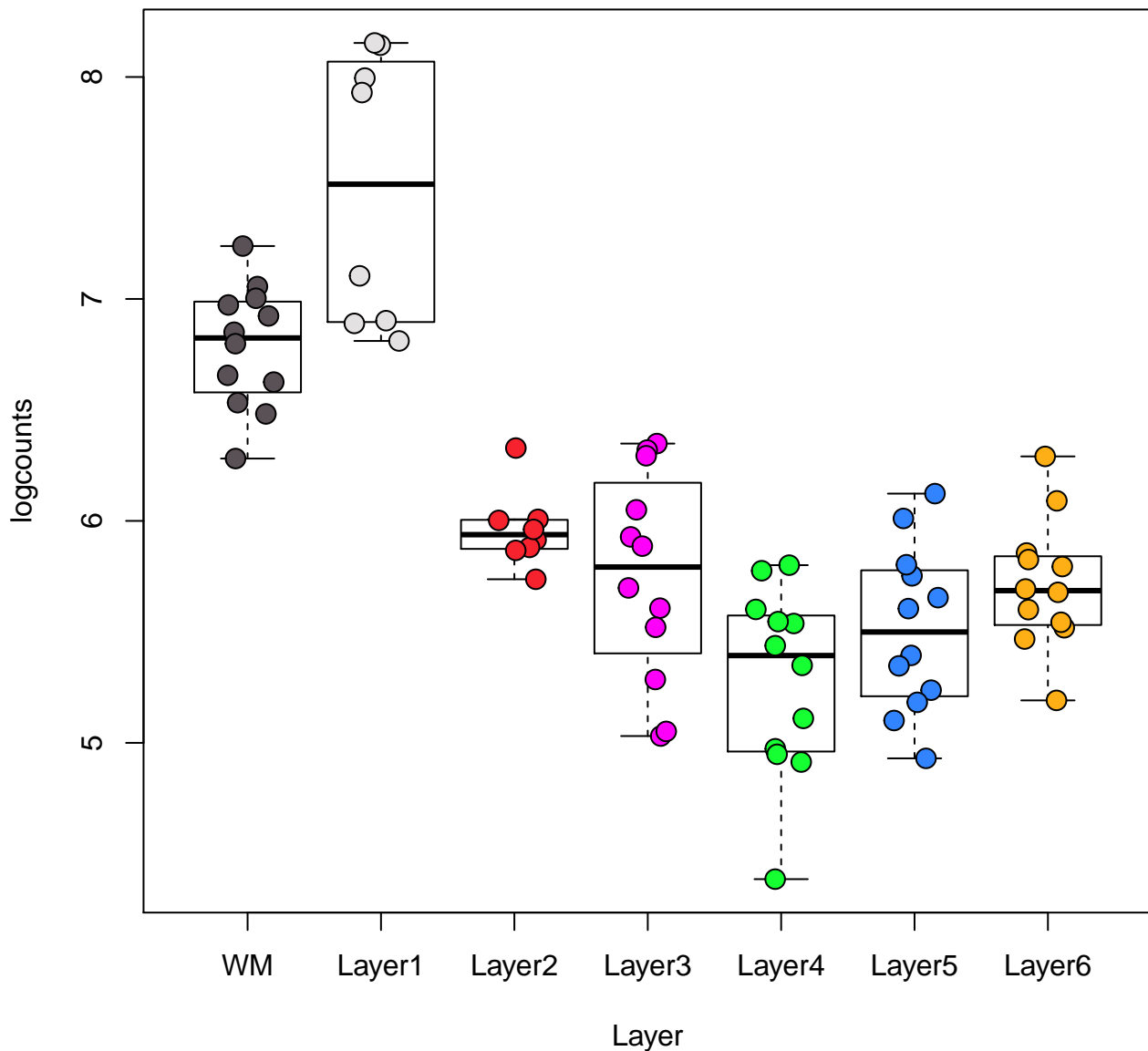
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



**ID3 ENSG00000117318 Layer1-Layer4**

**tstat 1.39e+01 p 4.67e-22**

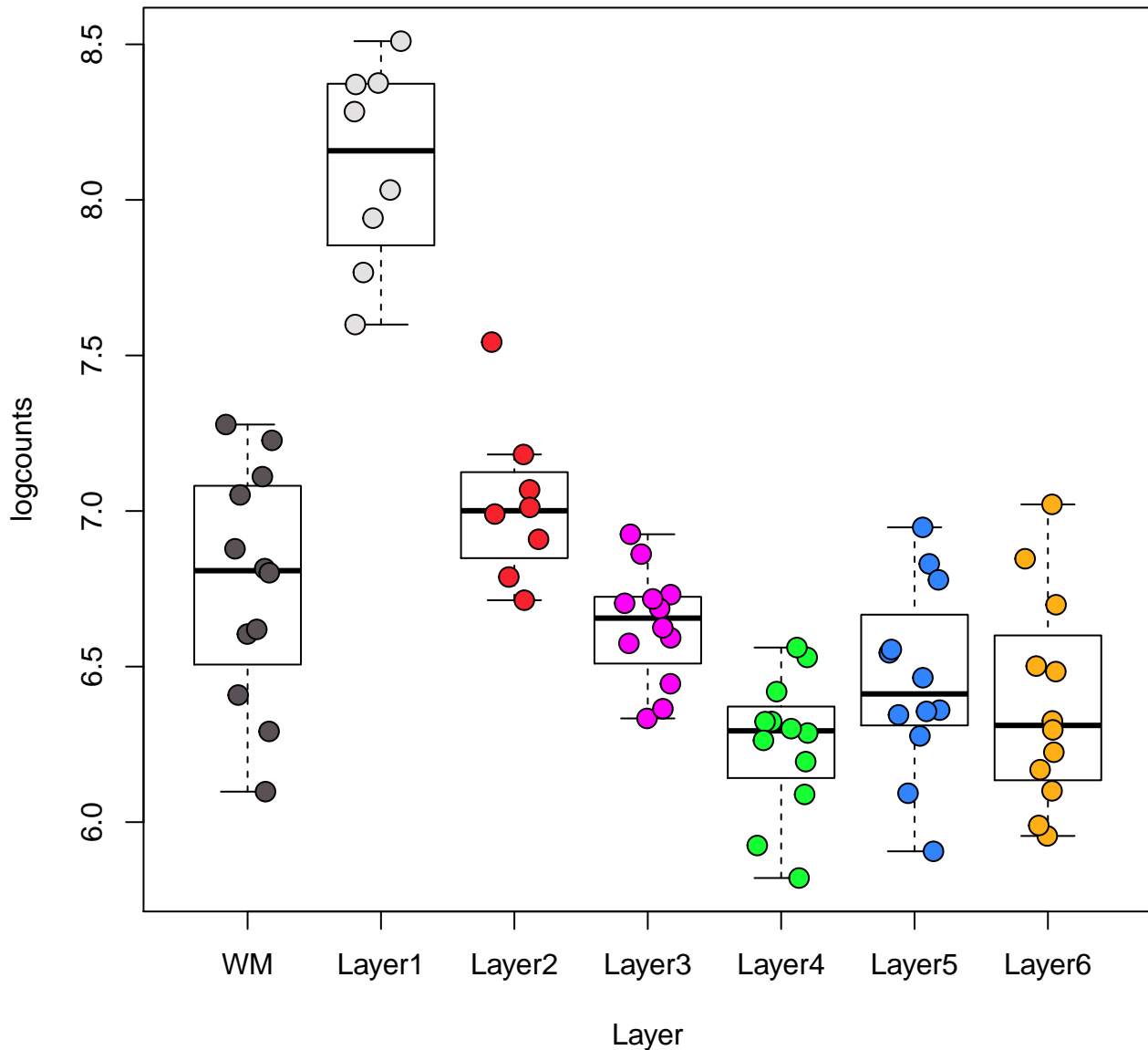
**L1-L3\_r8;L1-L4\_r8**



# MT1F ENSG00000198417 Layer1-Layer4

tstat 1.39e+01 p 5.89e-22

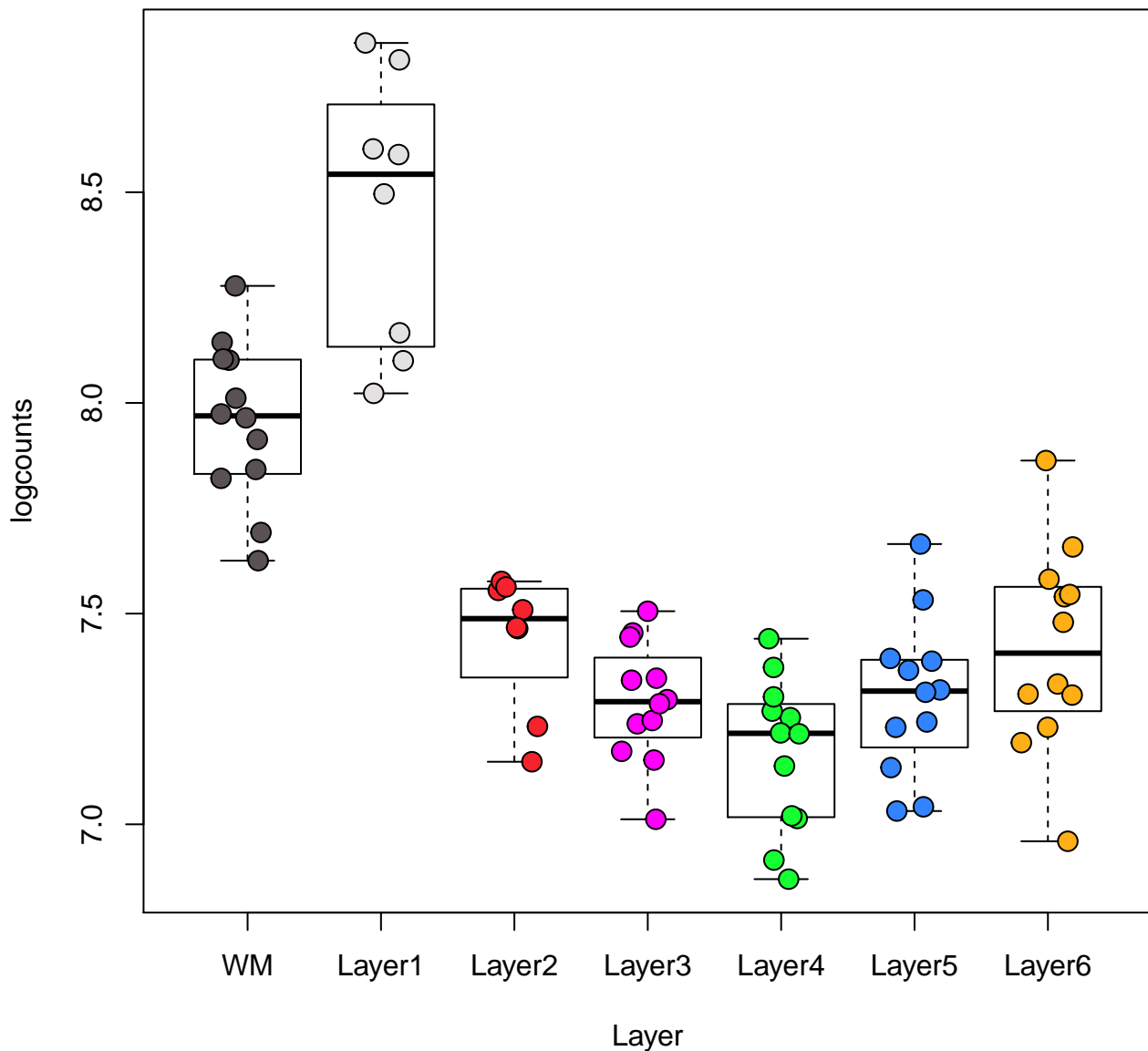
L1\_r5;L1-L3\_r9;L1-L4\_r9;L1-L6\_r7



# EZR ENSG00000092820 Layer1-Layer4

tstat 1.36e+01 p 1.76e-21

L1-L2\_r5;L1-L3\_r3;L1-L4\_r10

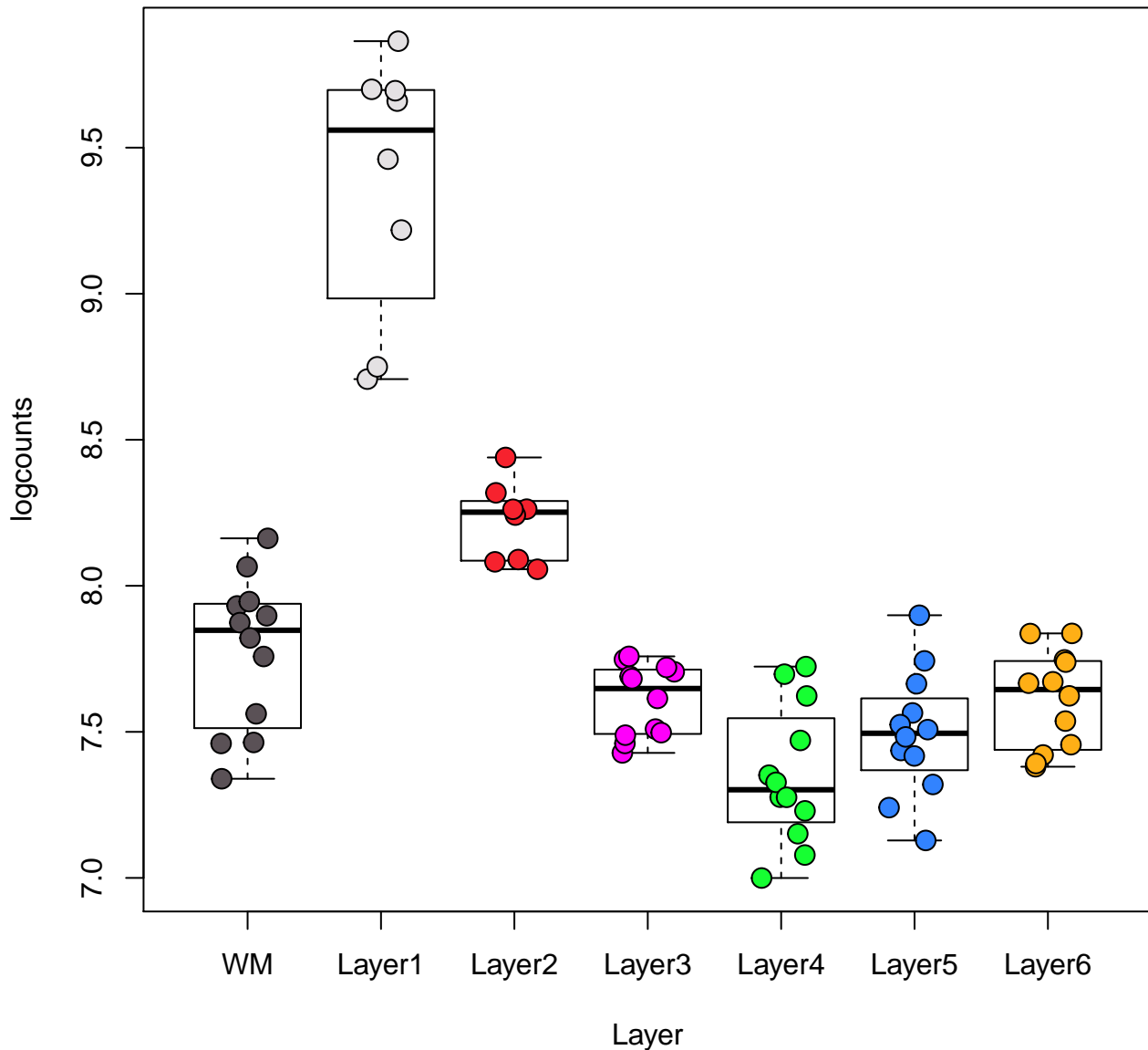




# MT1G ENSG00000125144 Layer1-Layer5

tstat 1.86e+01 p 4.96e-29

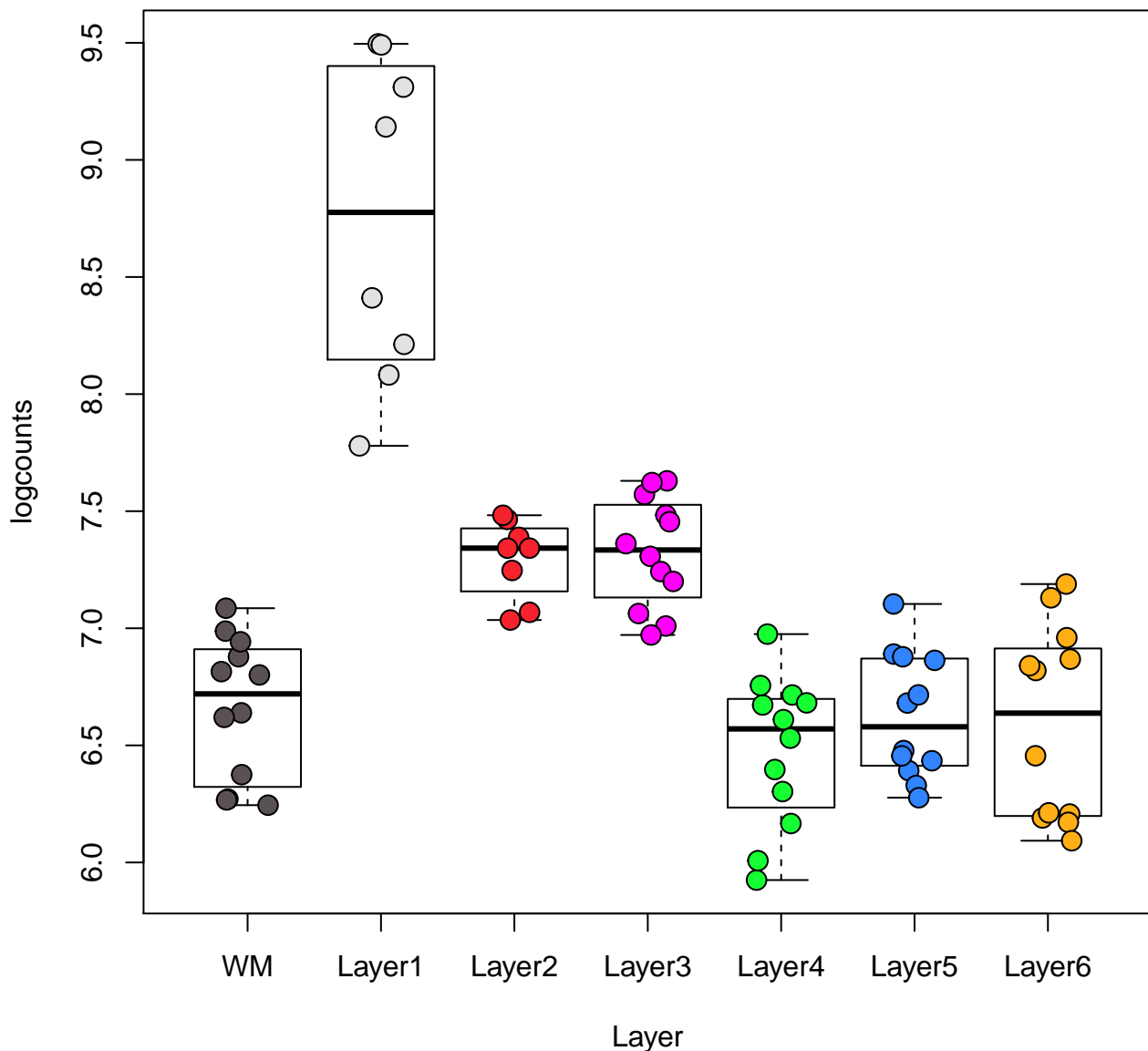
L1\_r1;L1-L2\_r3;L1-L3\_r1;L1-L4\_r1;L1-L5\_r1;L1-L6\_r1;L1-WM\_r2



# FABP7 ENSG00000164434 Layer1-Layer5

tstat 1.54e+01 p 2.50e-24

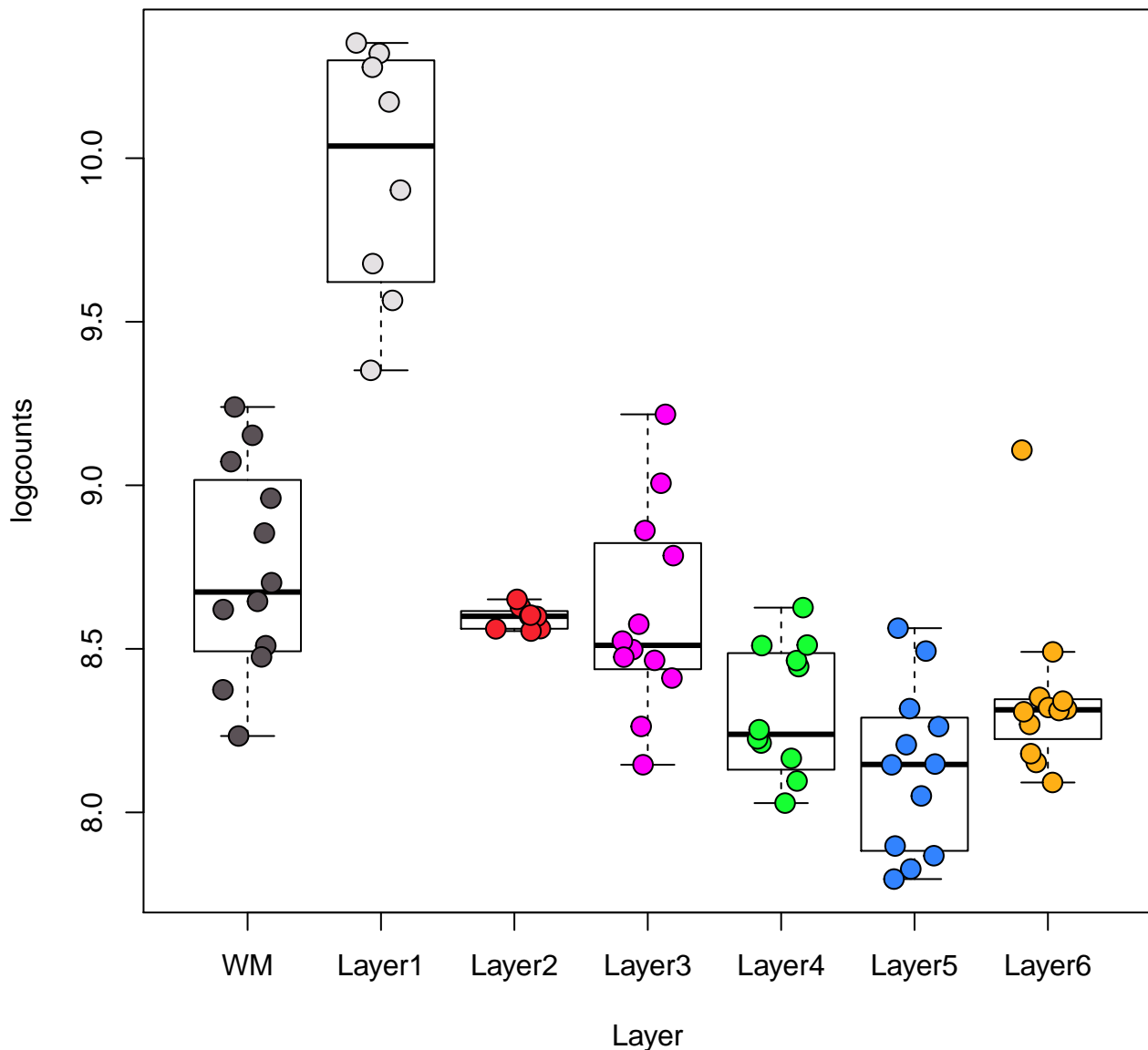
L1\_r3;L1-L2\_r8;L1-L4\_r2;L1-L5\_r2;L1-L6\_r2;L1-WM\_r4



VIM ENSG00000026025 Layer1-Layer5

tstat 1.53e+01 p 3.10e-24

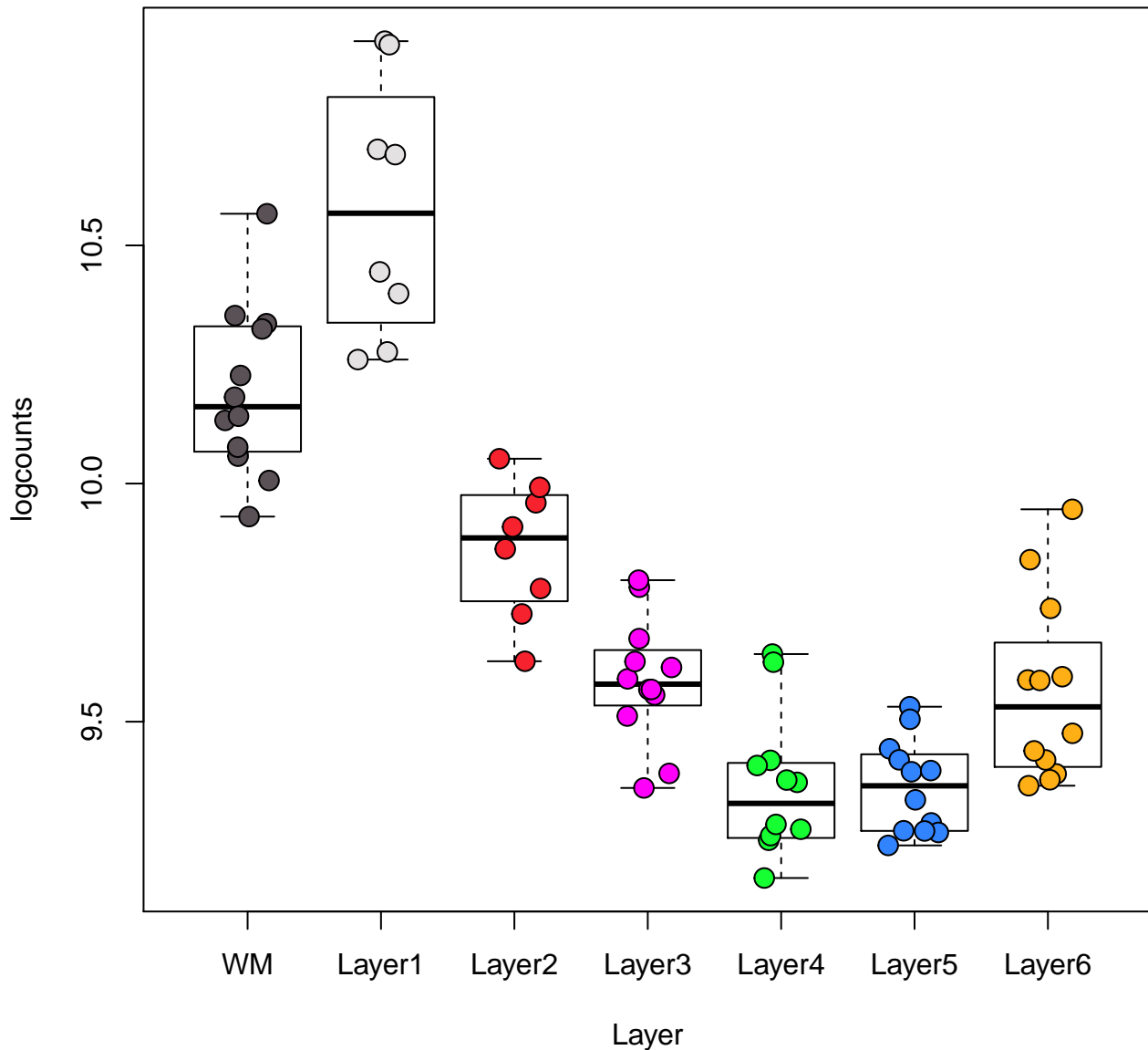
L1\_r2;L1-L2\_r4;L1-L3\_r7;L1-L4\_r6;L1-L5\_r3;L1-L6\_r6



**MT2A ENSG00000125148 Layer1-Layer5**

**tstat 1.48e+01 p 1.65e-23**

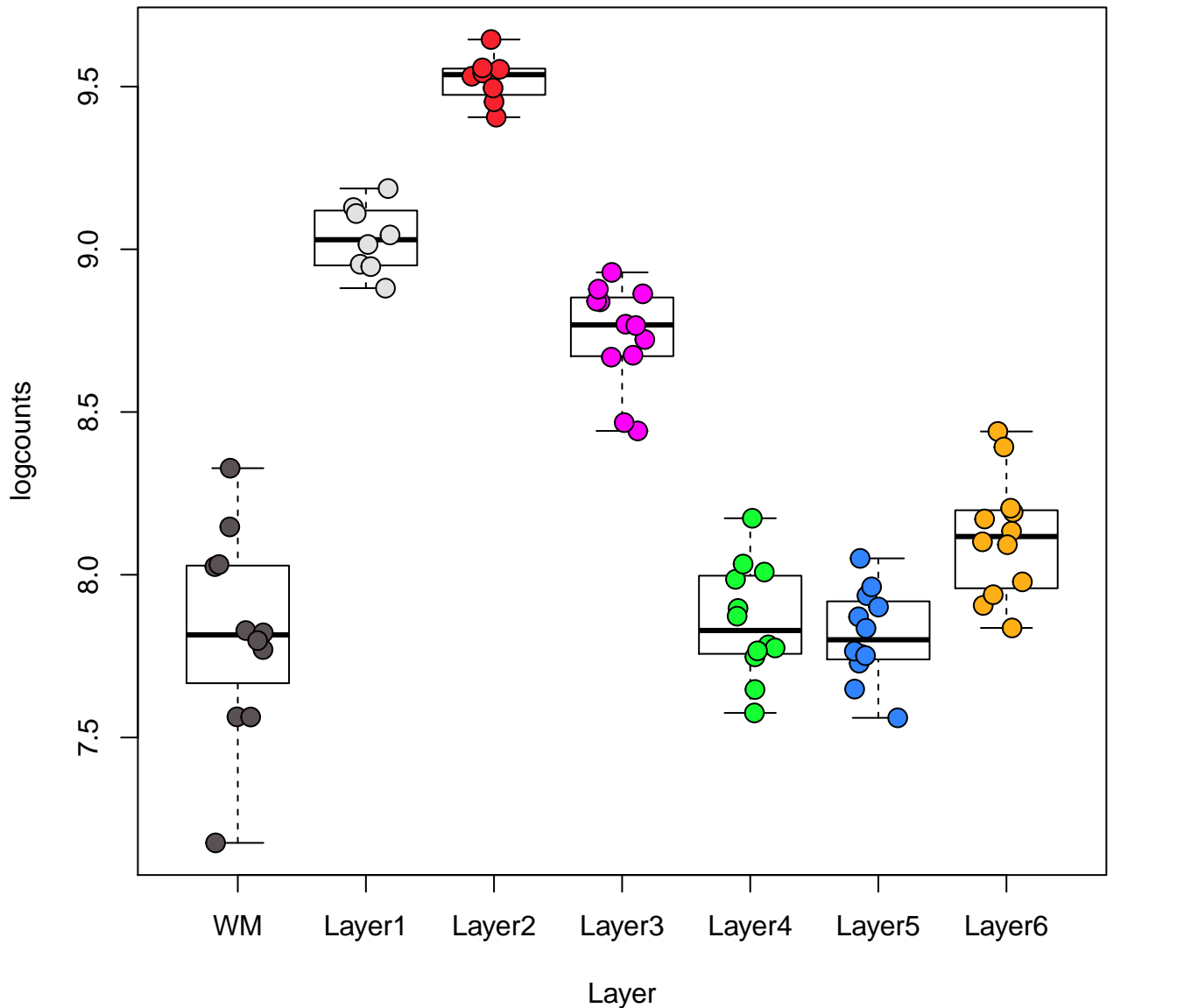
**L1-L3\_r5;L1-L4\_r5;L1-L5\_r4;L1-L6\_r9**



# SERPINE2 ENSG00000135919 Layer1-Layer5

tstat 1.44e+01 p 7.18e-23

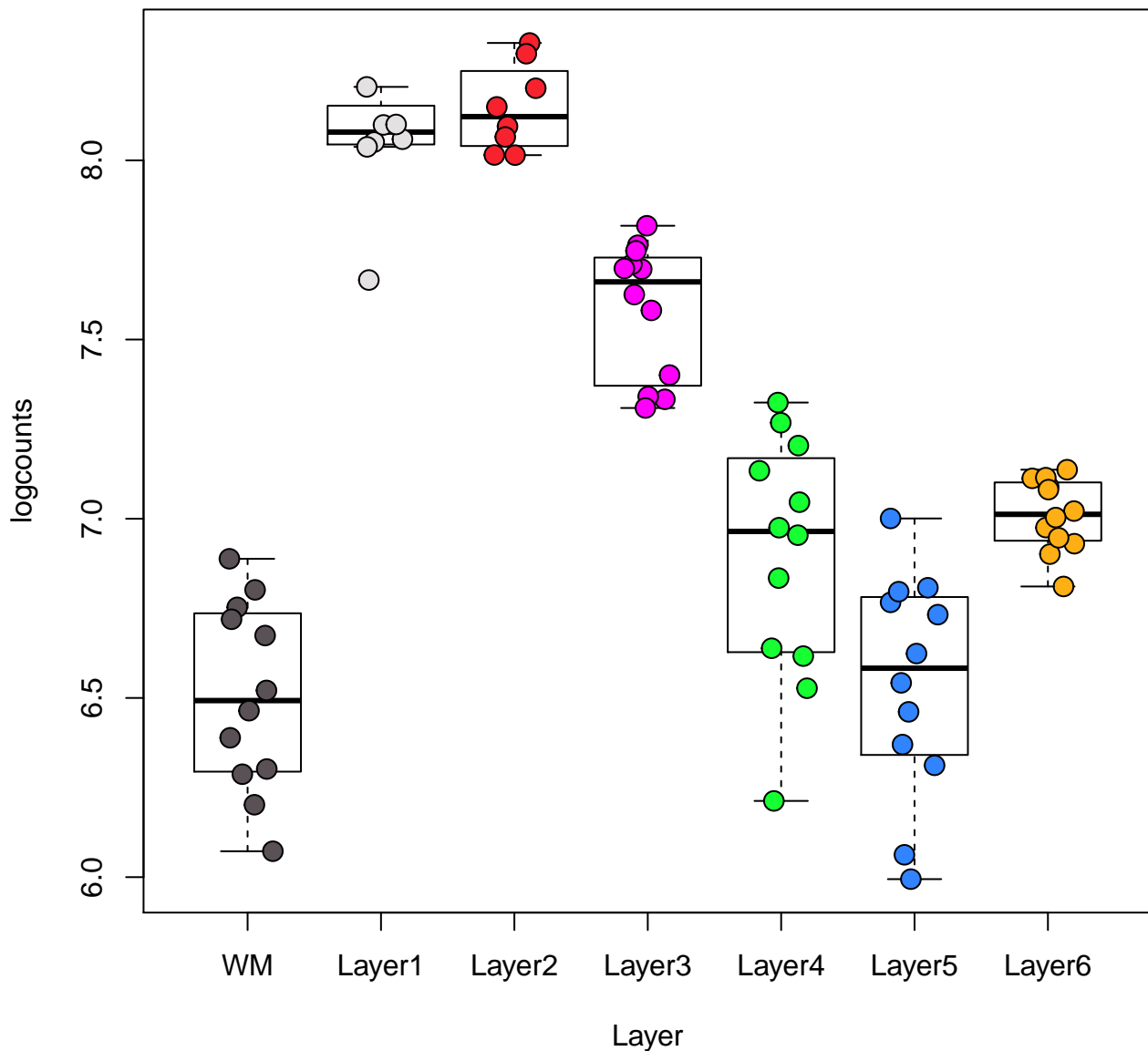
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



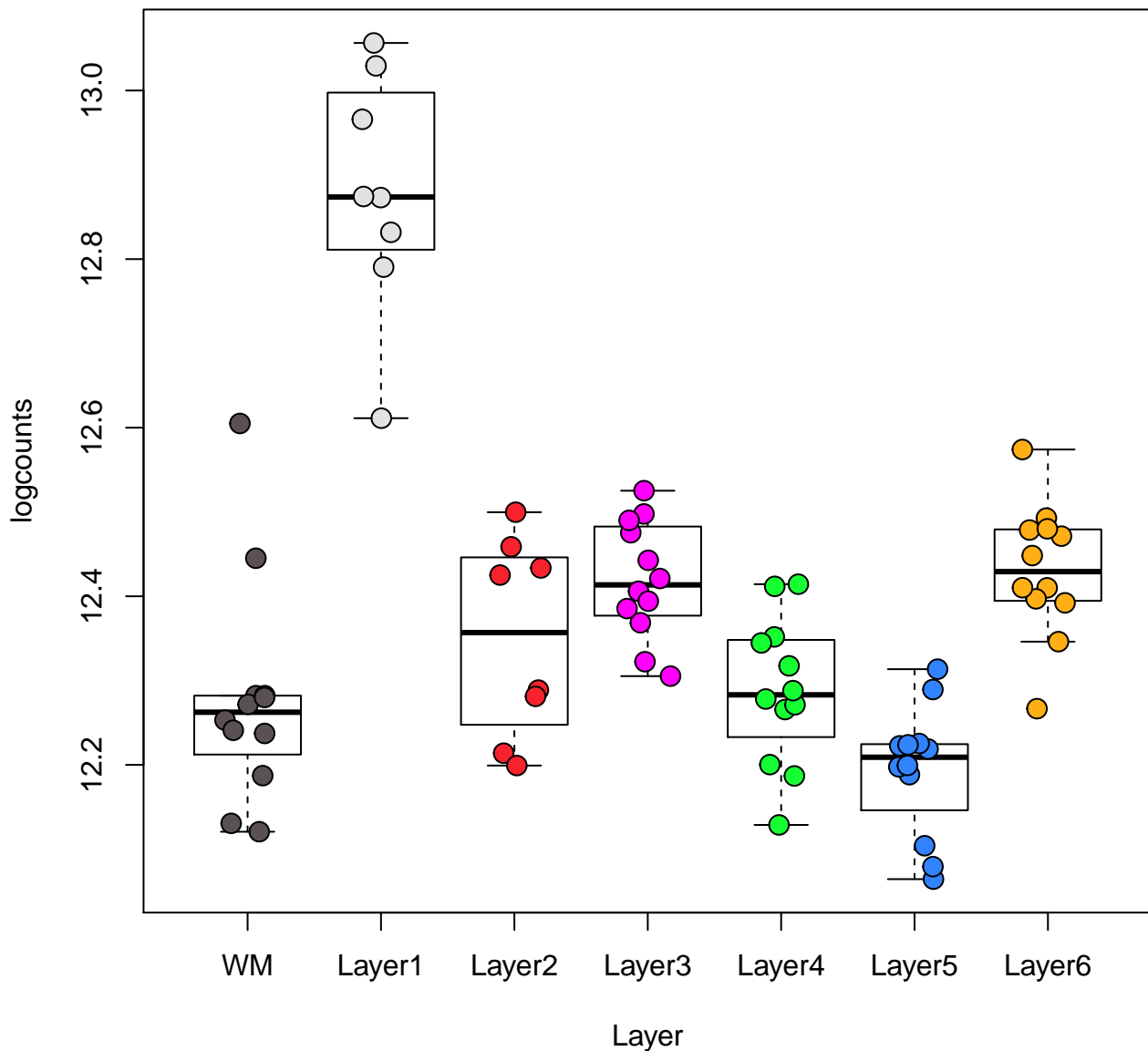
# NECAB2 ENSG00000103154 Layer1-Layer5

tstat 1.41e+01 p 2.92e-22

L1-L5\_r6;L2-L5\_r9;L1-WM\_r5



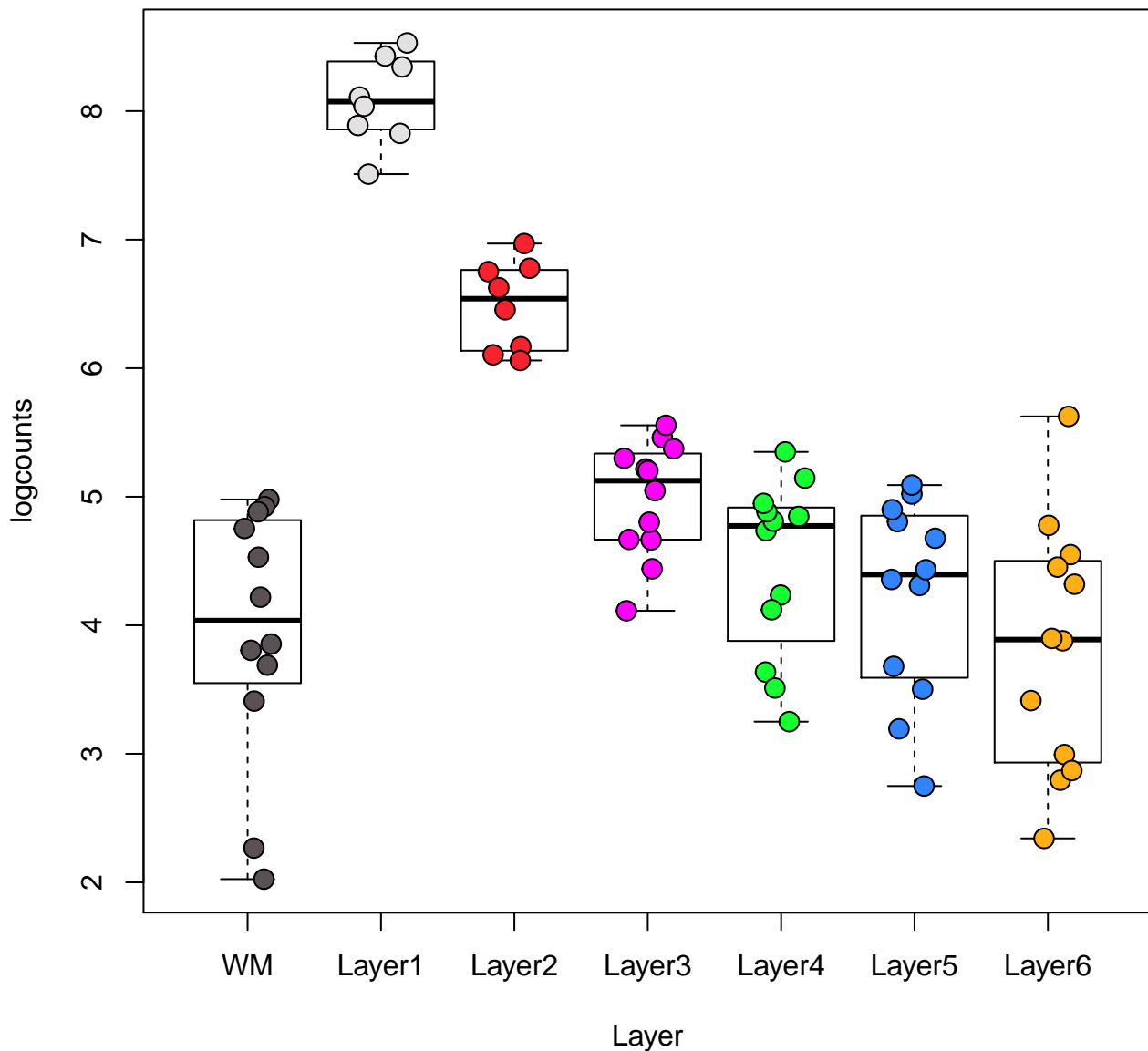
**L1-L2\_r10;L1-L5\_r7**



# RELN ENSG00000189056 Layer1-Layer5

tstat 1.32e+01 p 8.48e-21

L1-L5\_r8;L1-L6\_r4;L1-WM\_r7

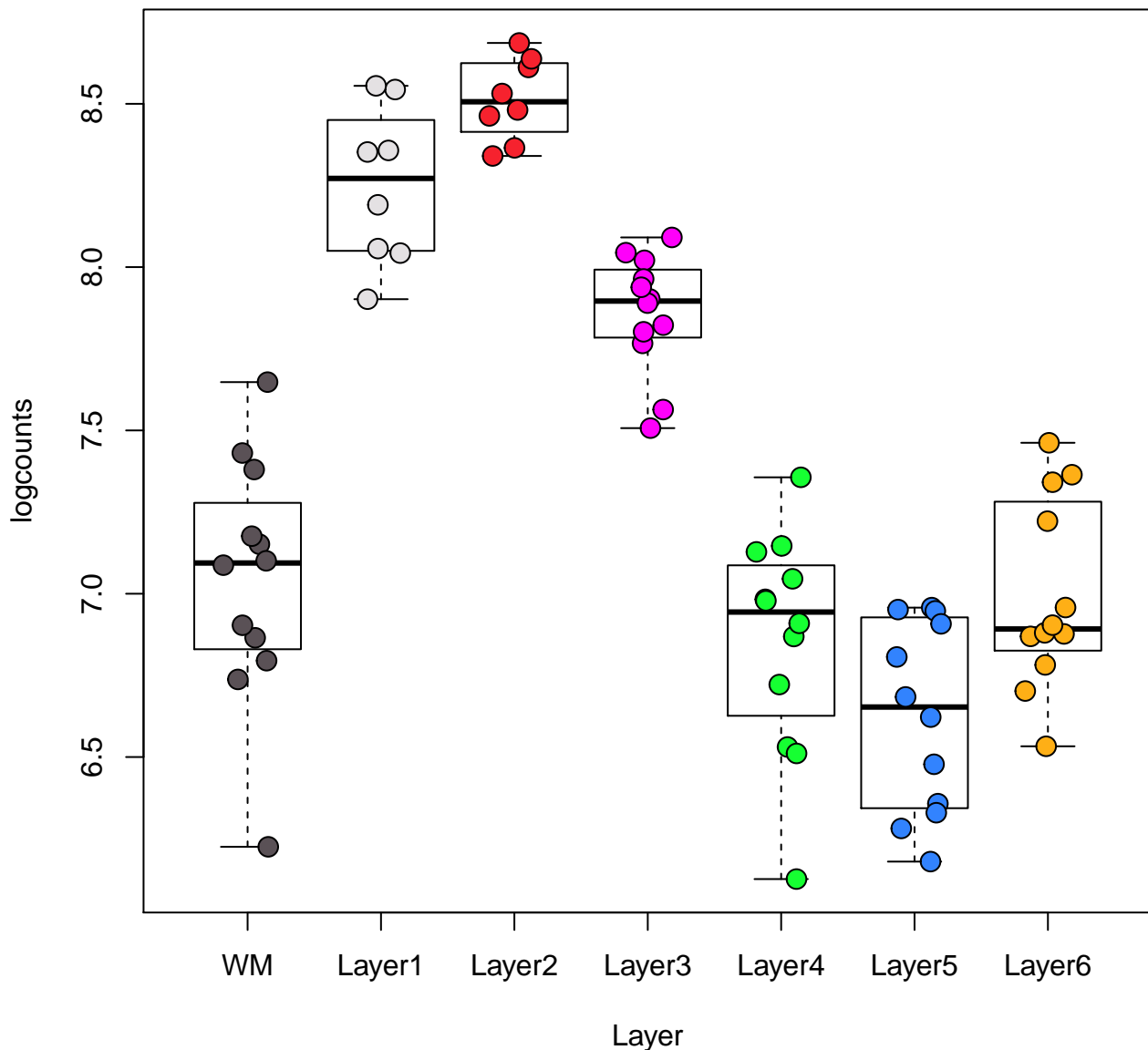




# SOWAHA ENSG00000198944 Layer1-Layer5

tstat 1.29e+01 p 2.05e-20

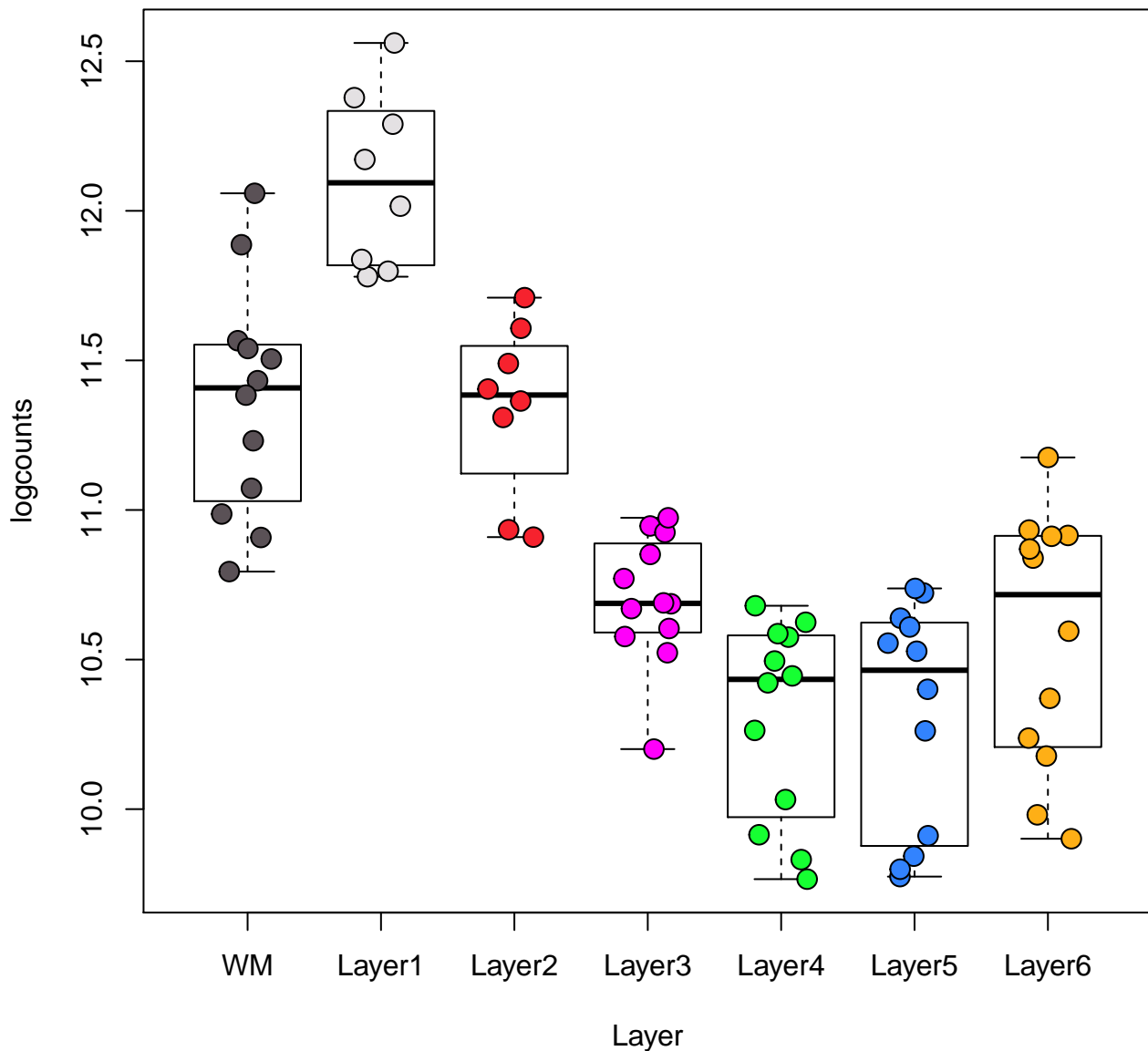
L1-L5\_r9;L2-L4\_r7;L2-L5\_r6;L3-L4\_r5;L3-L5\_r9



# MALAT1 ENSG00000251562 Layer1-Layer5

tstat 1.29e+01 p 2.45e-20

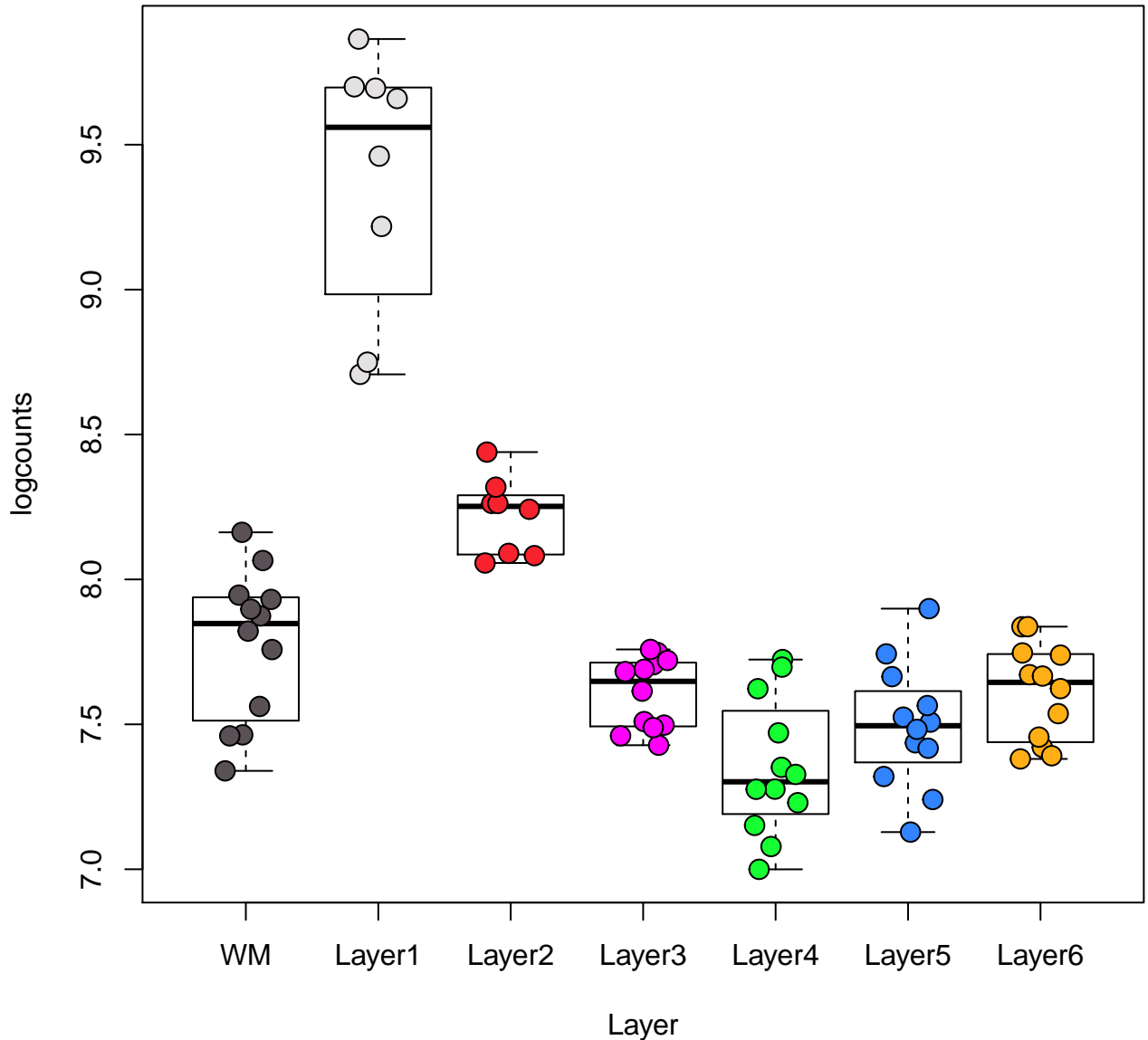
L1-L5\_r10



# MT1G ENSG00000125144 Layer1-Layer6

tstat 1.74e+01 p 1.85e-27

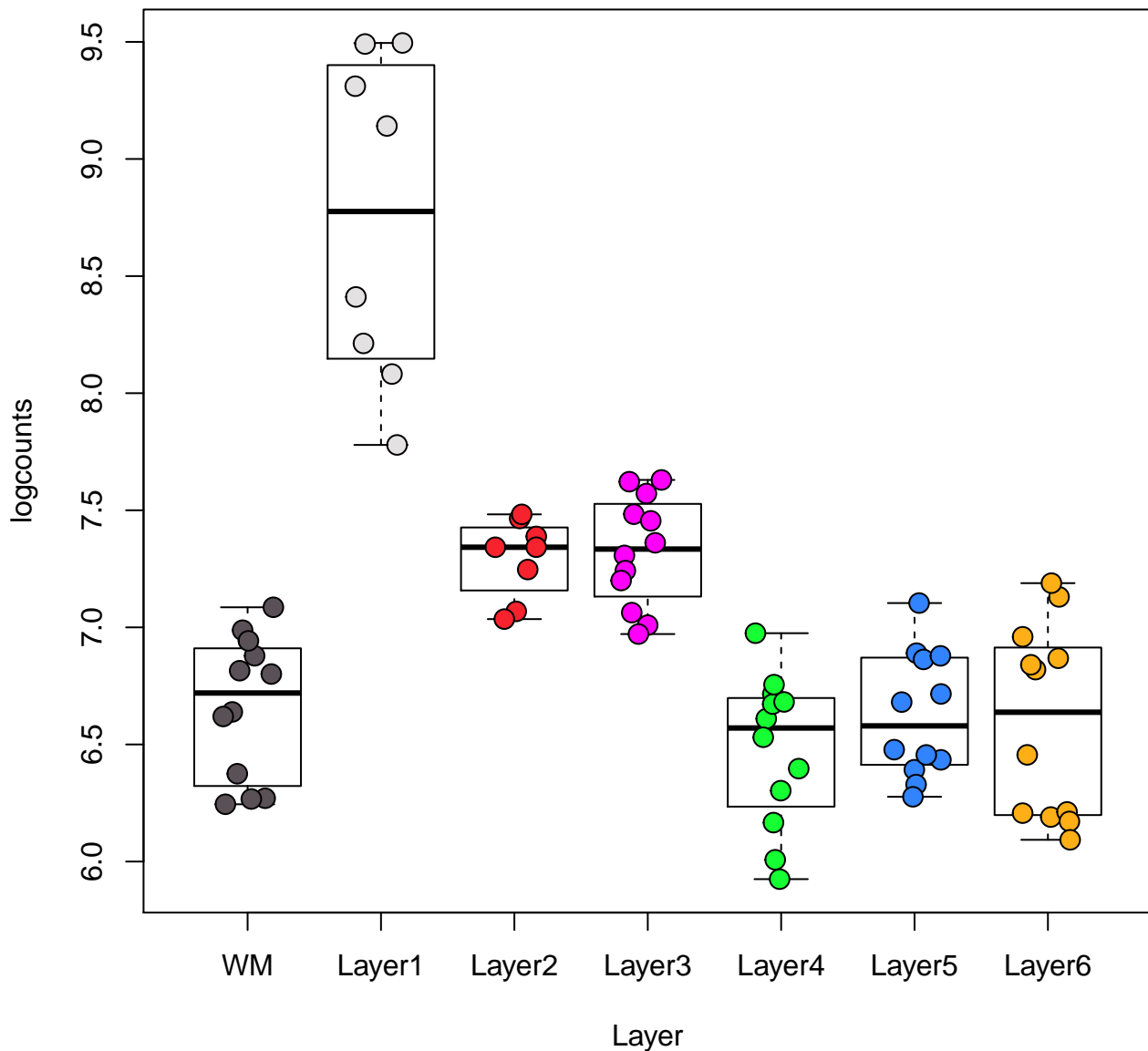
L1\_r1;L1-L2\_r3;L1-L3\_r1;L1-L4\_r1;L1-L5\_r1;L1-L6\_r1;L1-WM\_r2



# FABP7 ENSG00000164434 Layer1-Layer6

tstat 1.56e+01 p 1.16e-24

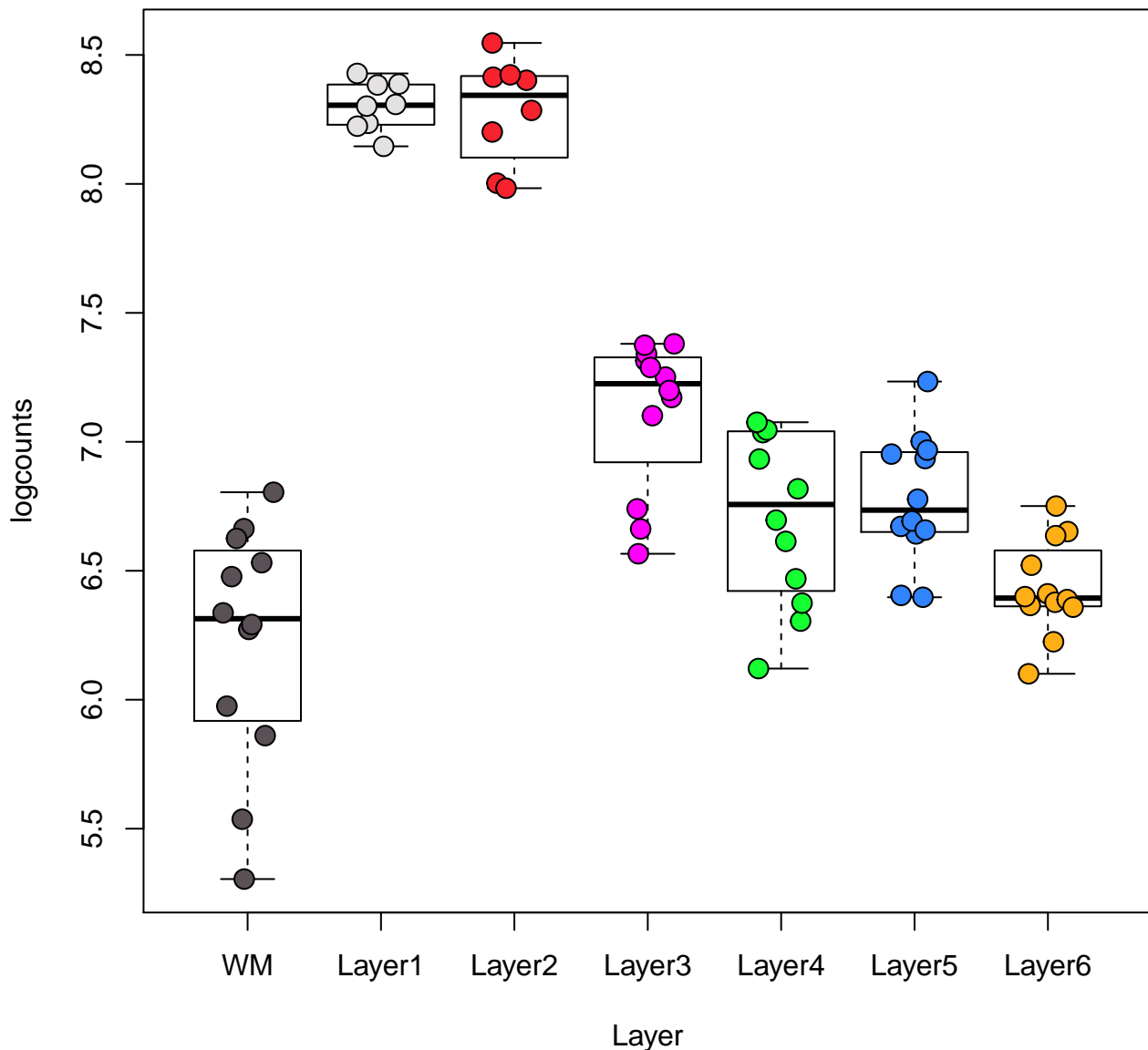
L1\_r3;L1-L2\_r8;L1-L4\_r2;L1-L5\_r2;L1-L6\_r2;L1-WM\_r4



# CNR1 ENSG00000118432 Layer1-Layer6

tstat 1.47e+01 p 3.16e-23

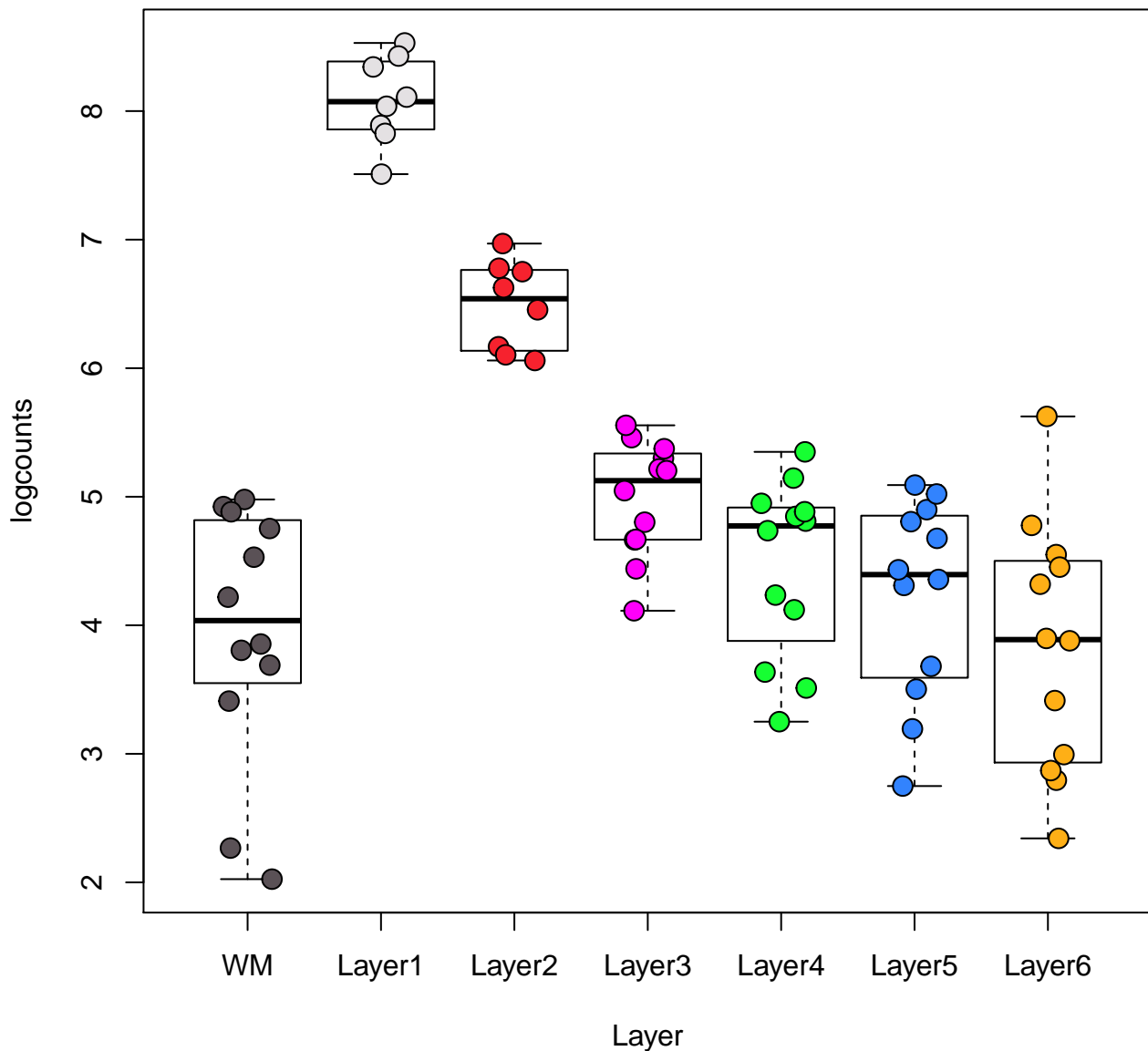
L1-L6\_r3;L2-L3\_r5;L2-L4\_r9;L2-L6\_r5;L1-WM\_r1;L2-WM\_r9



# RELN ENSG00000189056 Layer1-Layer6

tstat 1.46e+01 p 3.69e-23

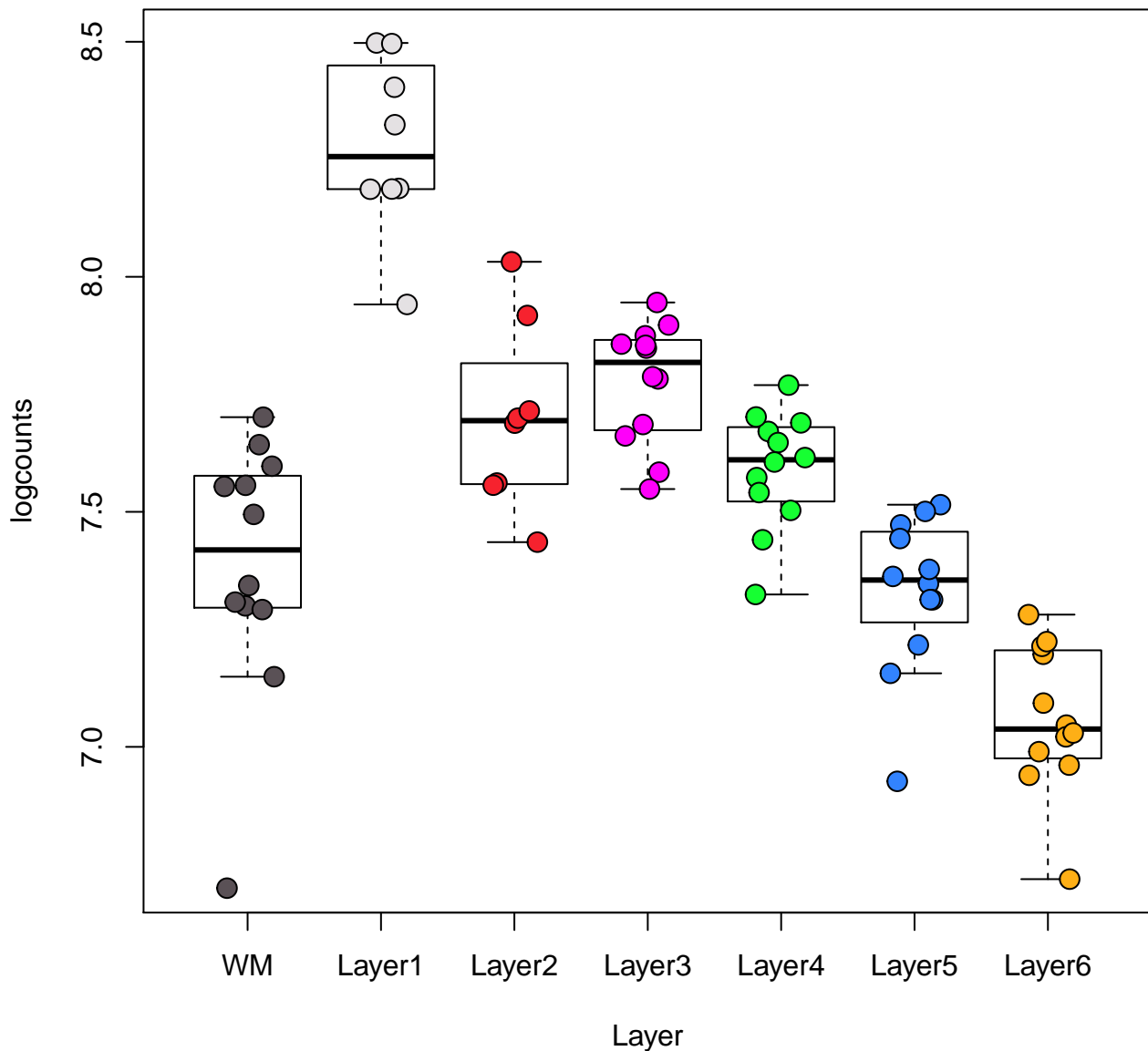
L1-L5\_r8;L1-L6\_r4;L1-WM\_r7



# RAMP1 ENSG00000132329 Layer1-Layer6

tstat 1.45e+01 p 6.46e-23

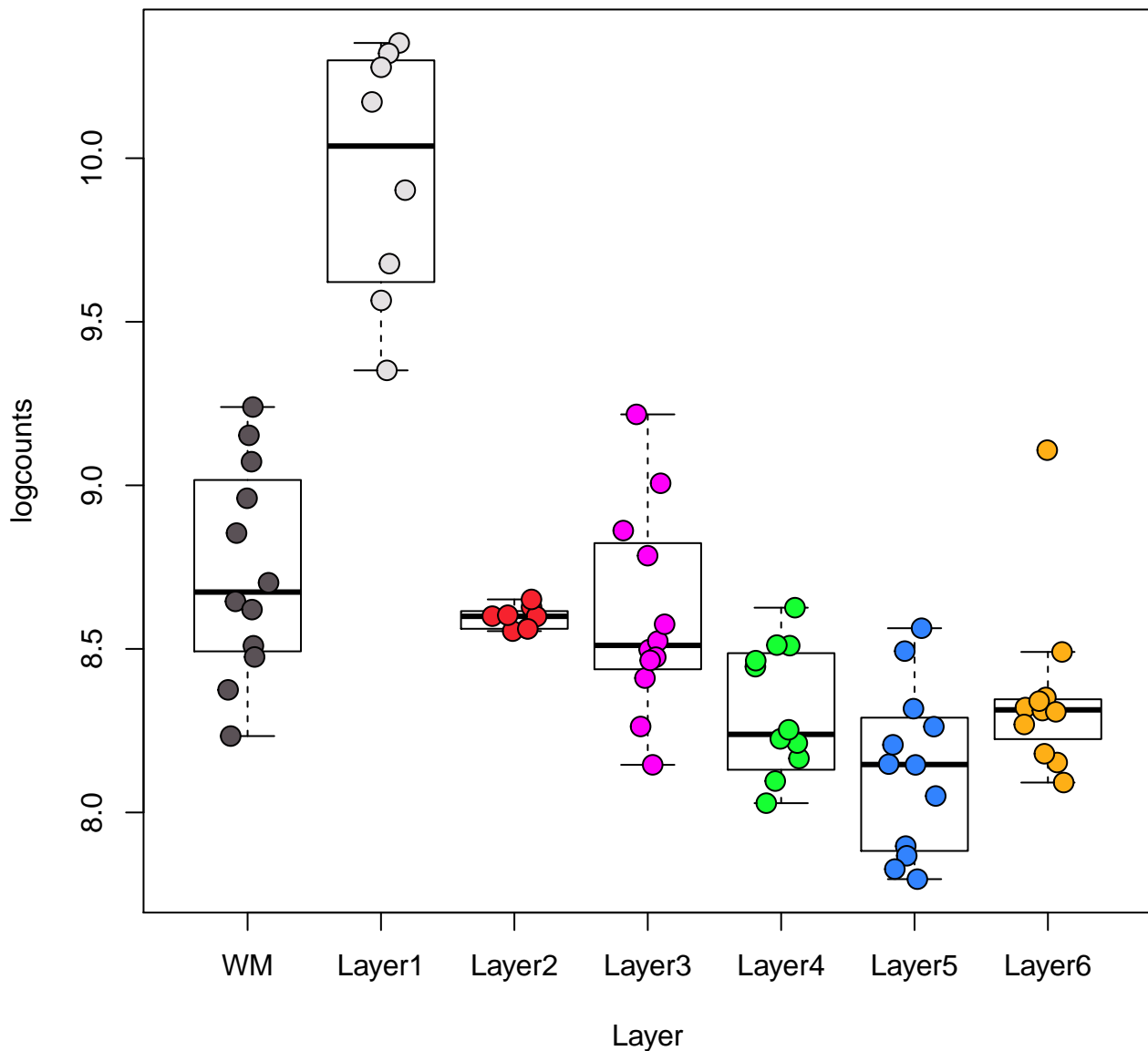
L1-L6\_r5



VIM ENSG00000026025 Layer1-Layer6

tstat 1.35e+01 p 2.61e-21

L1\_r2;L1-L2\_r4;L1-L3\_r7;L1-L4\_r6;L1-L5\_r3;L1-L6\_r6

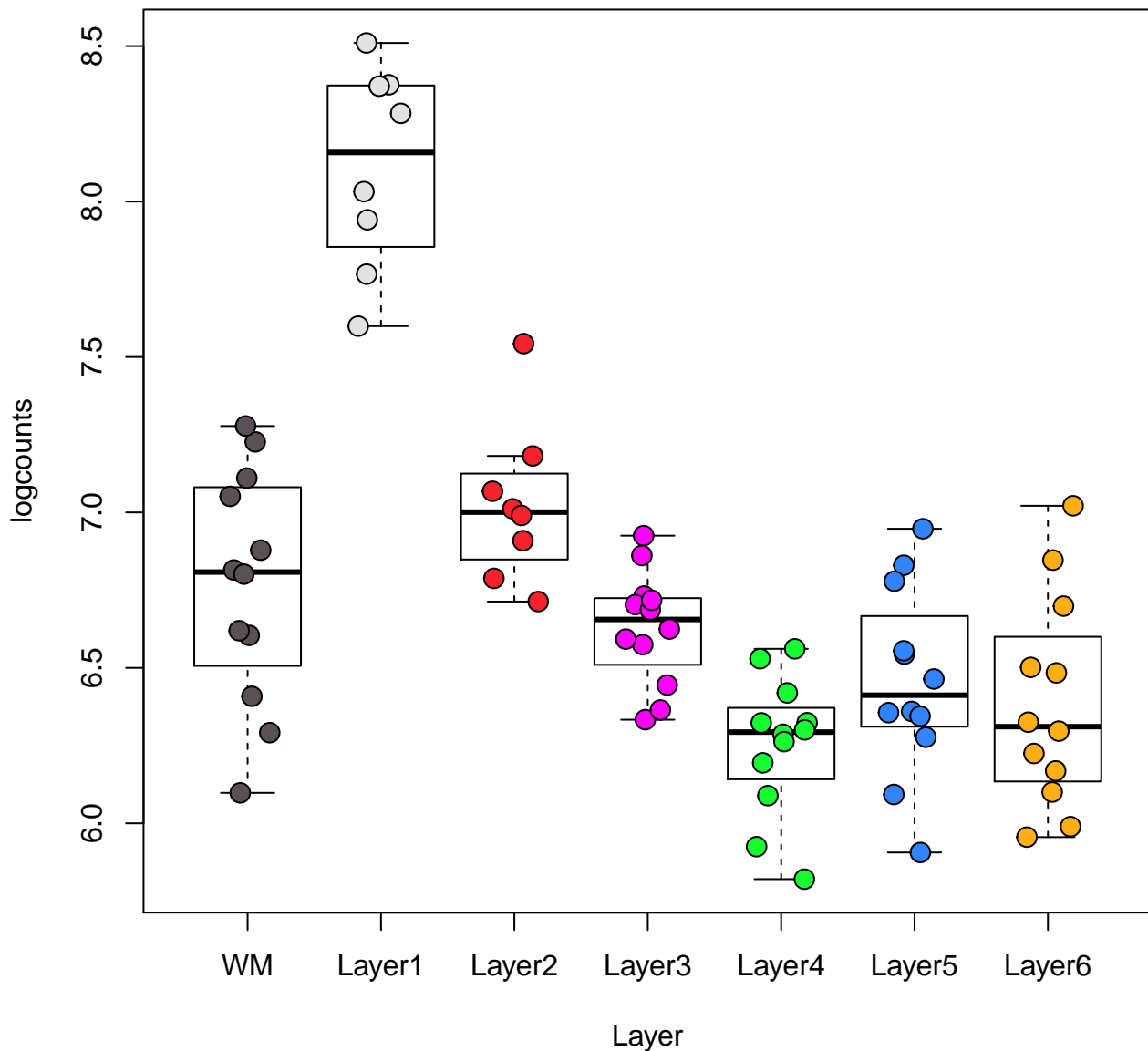




# MT1F ENSG00000198417 Layer1-Layer6

tstat 1.29e+01 p 2.66e-20

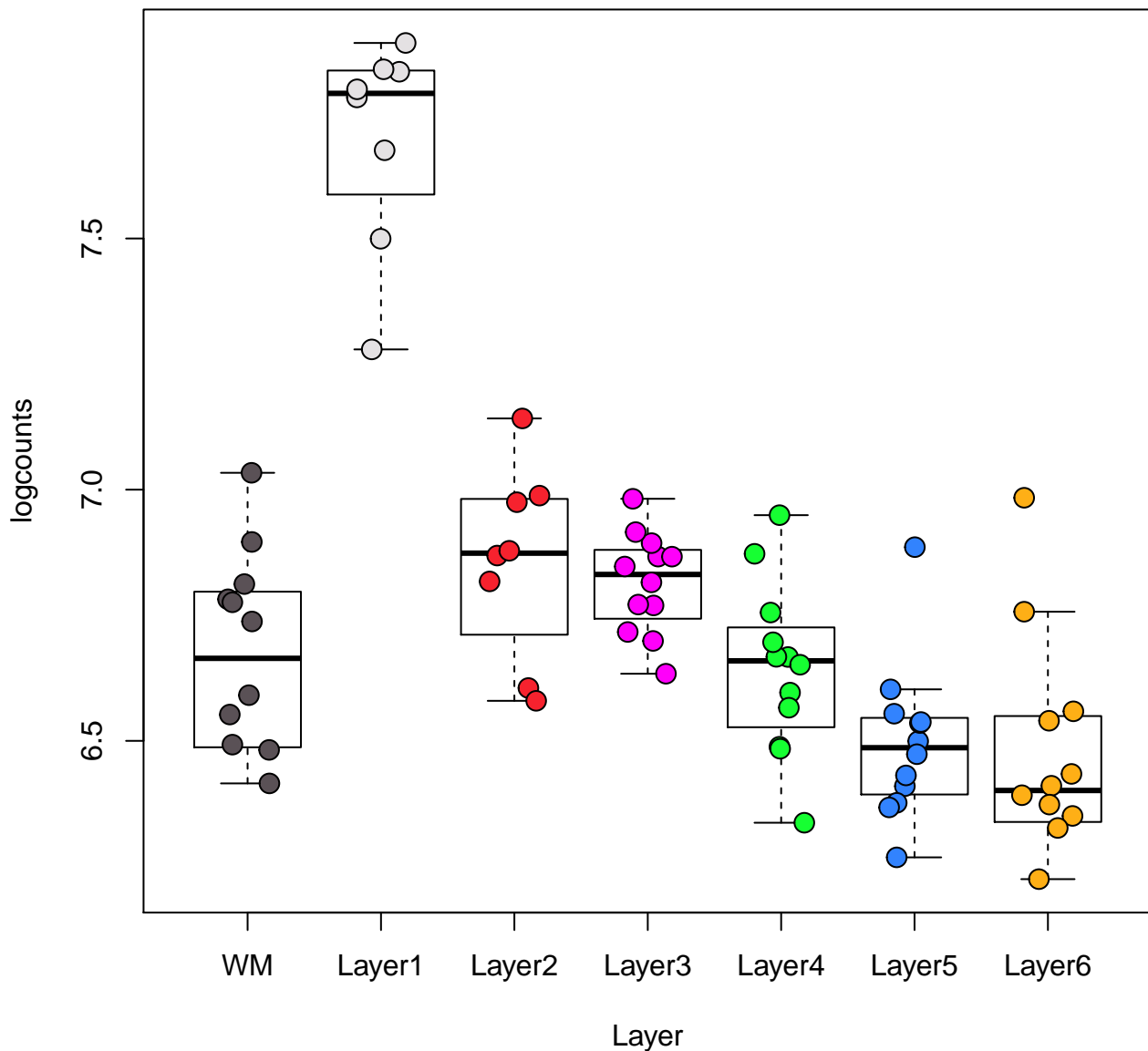
L1\_r5;L1-L3\_r9;L1-L4\_r9;L1-L6\_r7



# CDC42EP4 ENSG00000179604 Layer1-Layer6

tstat 1.26e+01 p 7.36e-20

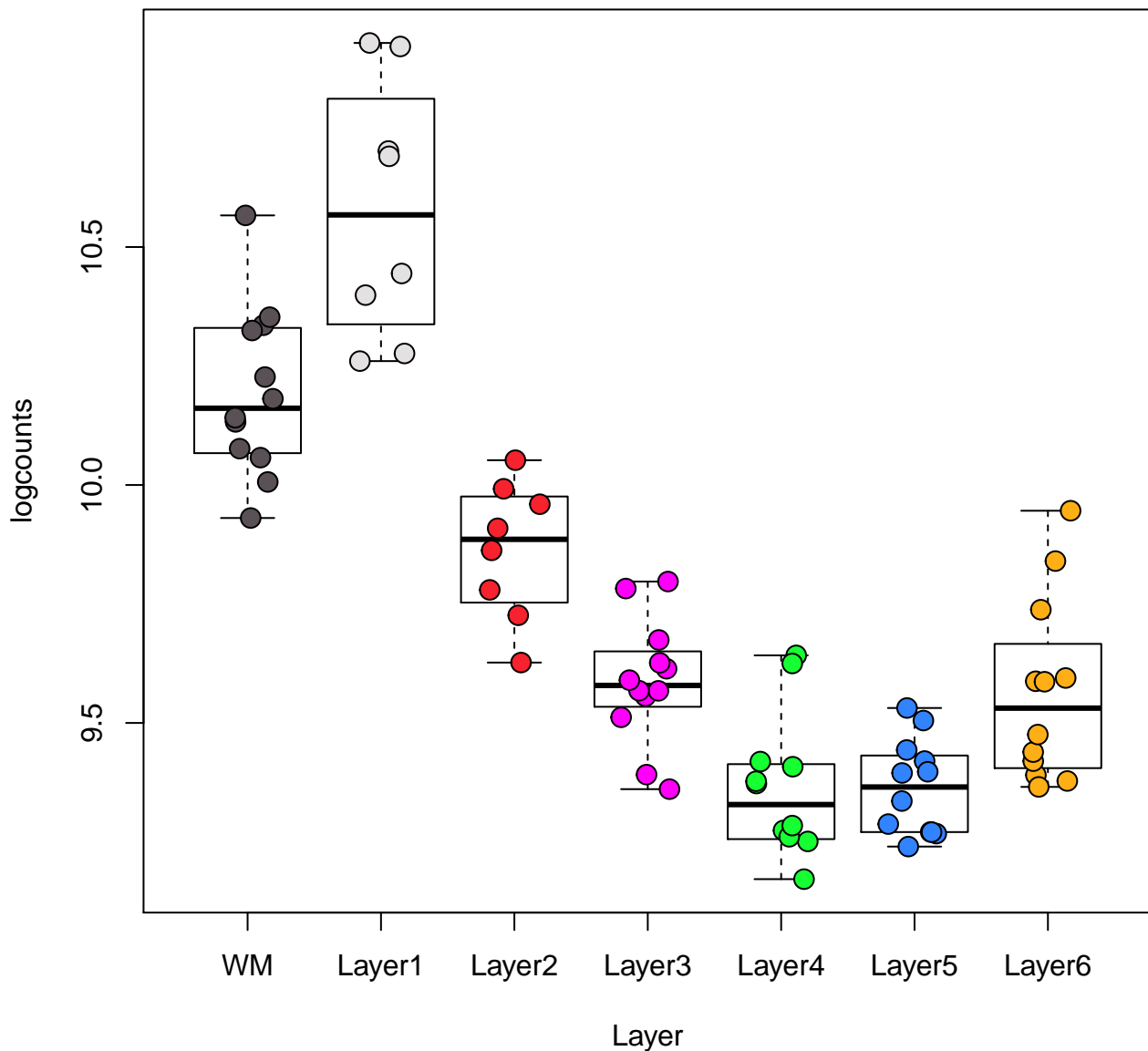
L1\_r8;L1-L6\_r8



# MT2A ENSG00000125148 Layer1-Layer6

tstat 1.24e+01 p 1.61e-19

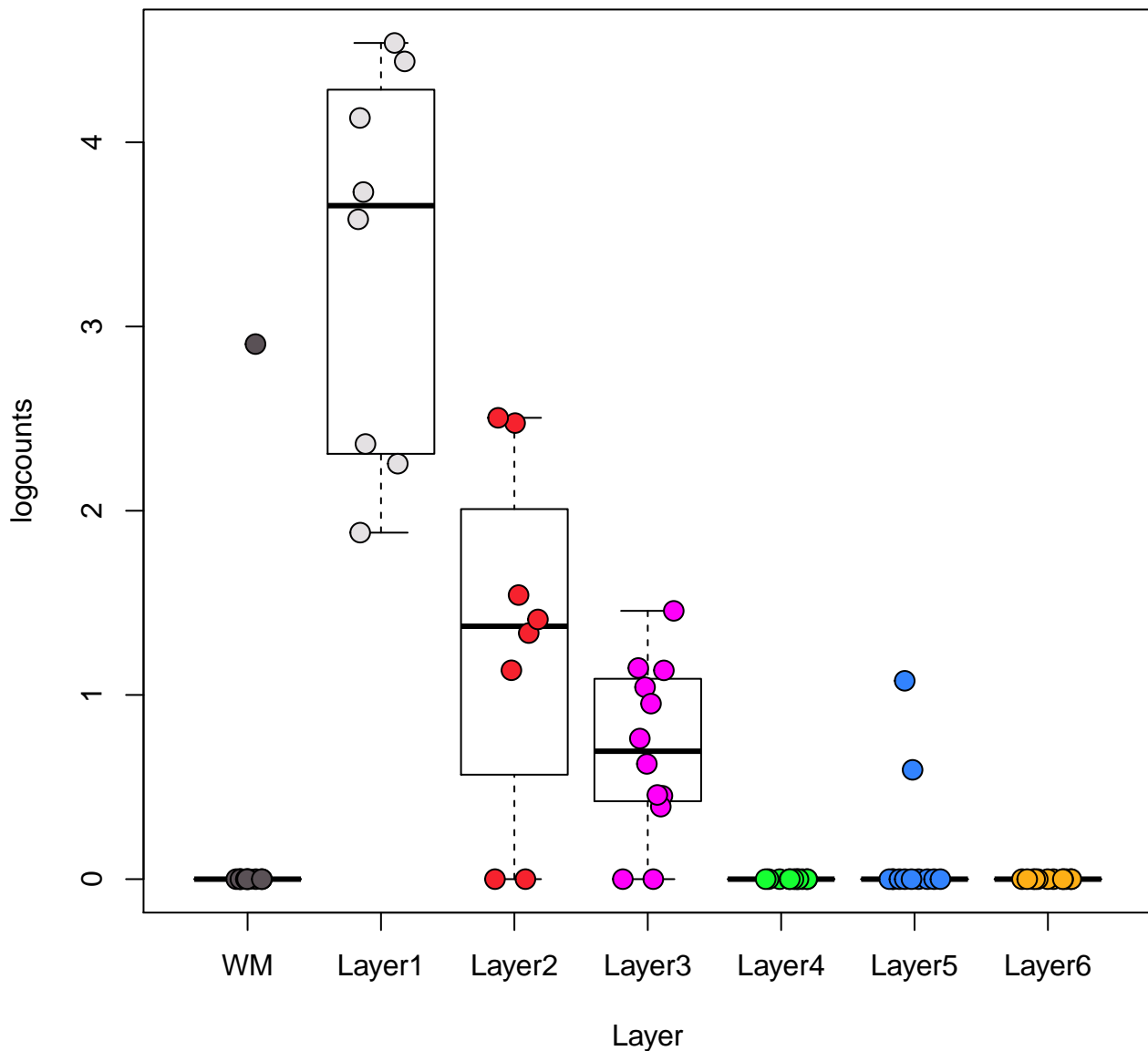
L1-L3\_r5;L1-L4\_r5;L1-L5\_r4;L1-L6\_r9



# LINC00052 ENSG00000259527 Layer1-Layer6

tstat 1.23e+01 p 2.26e-19

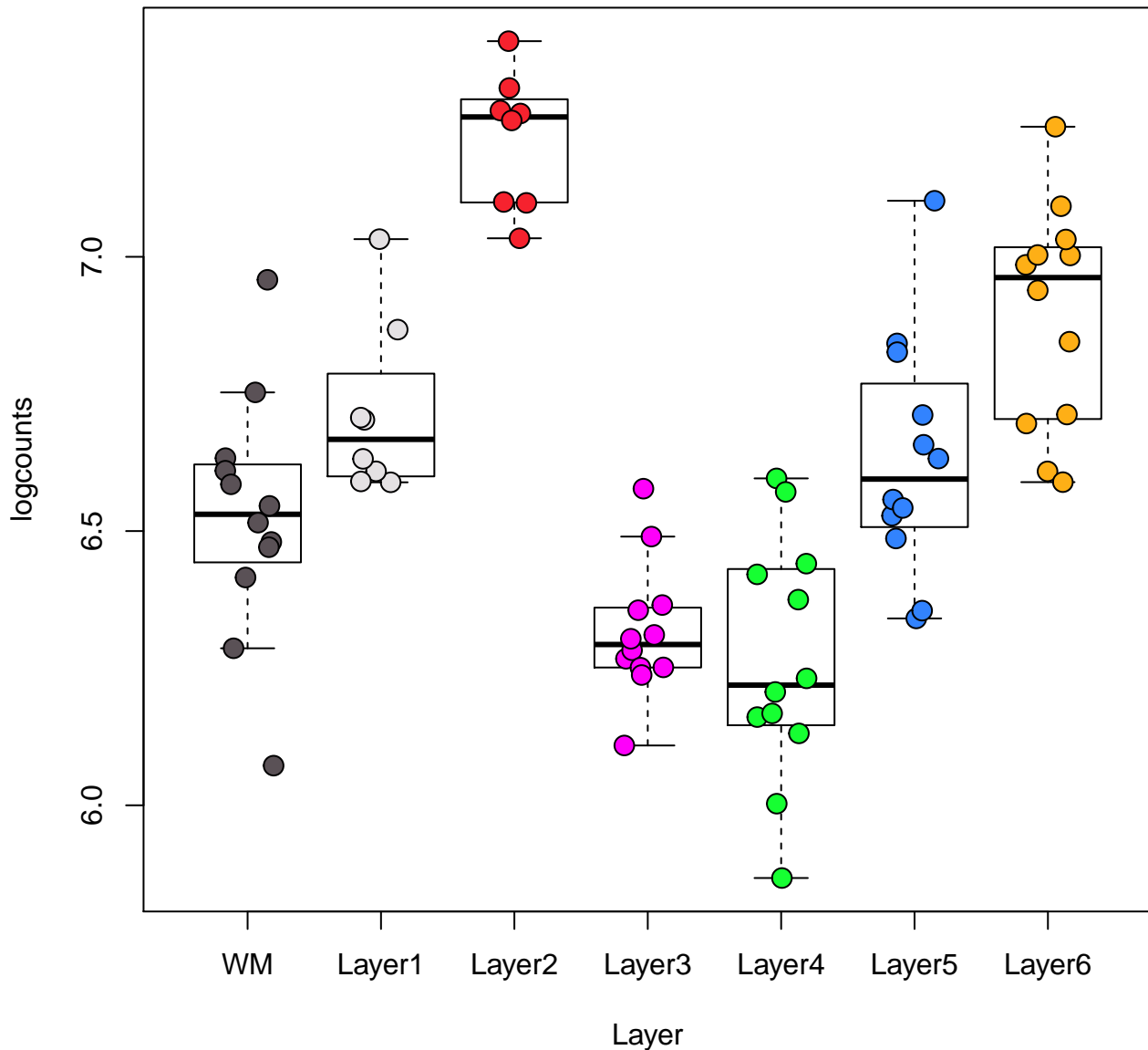
L1\_r4;L1-L6\_r10



# PRMT7 ENSG00000132600 Layer2-Layer3

tstat 9.93e+00 p 4.38e-15

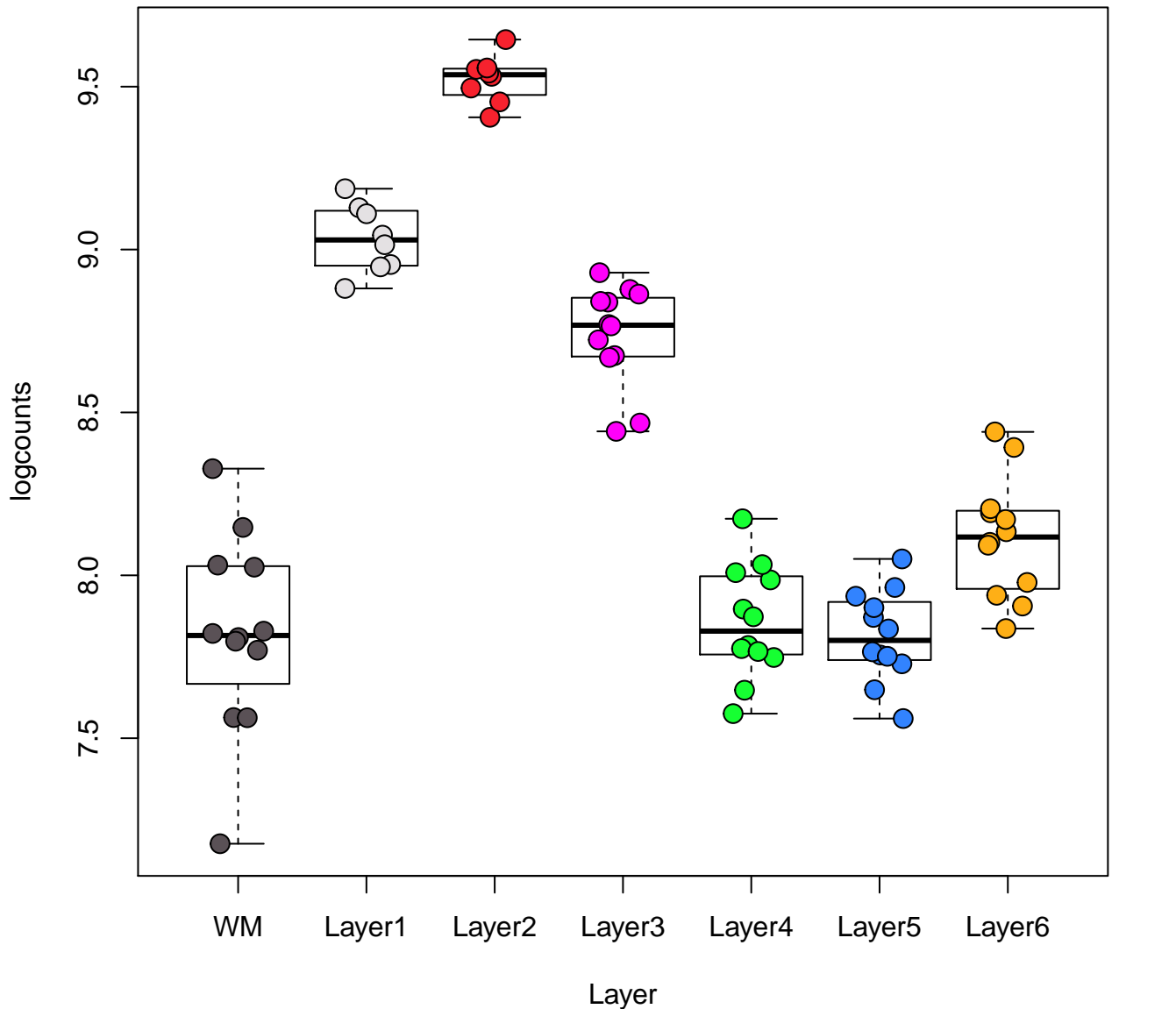
L2-L3\_r1



# SERPINE2 ENSG00000135919 Layer2-Layer3

tstat 9.23e+00 p 8.37e-14

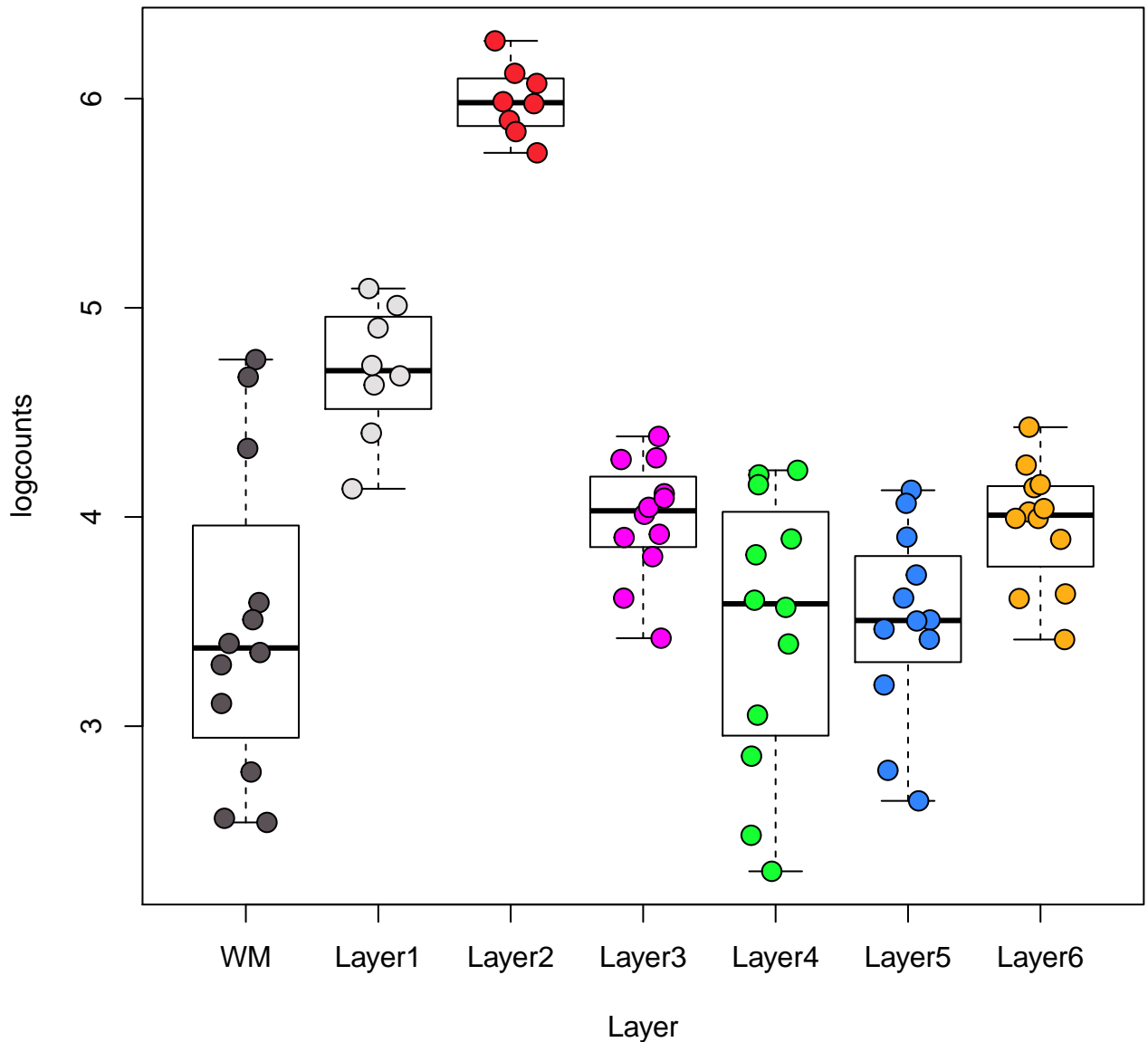
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



# DACT1 ENSG00000165617 Layer2-Layer3

tstat 9.22e+00 p 8.90e-14

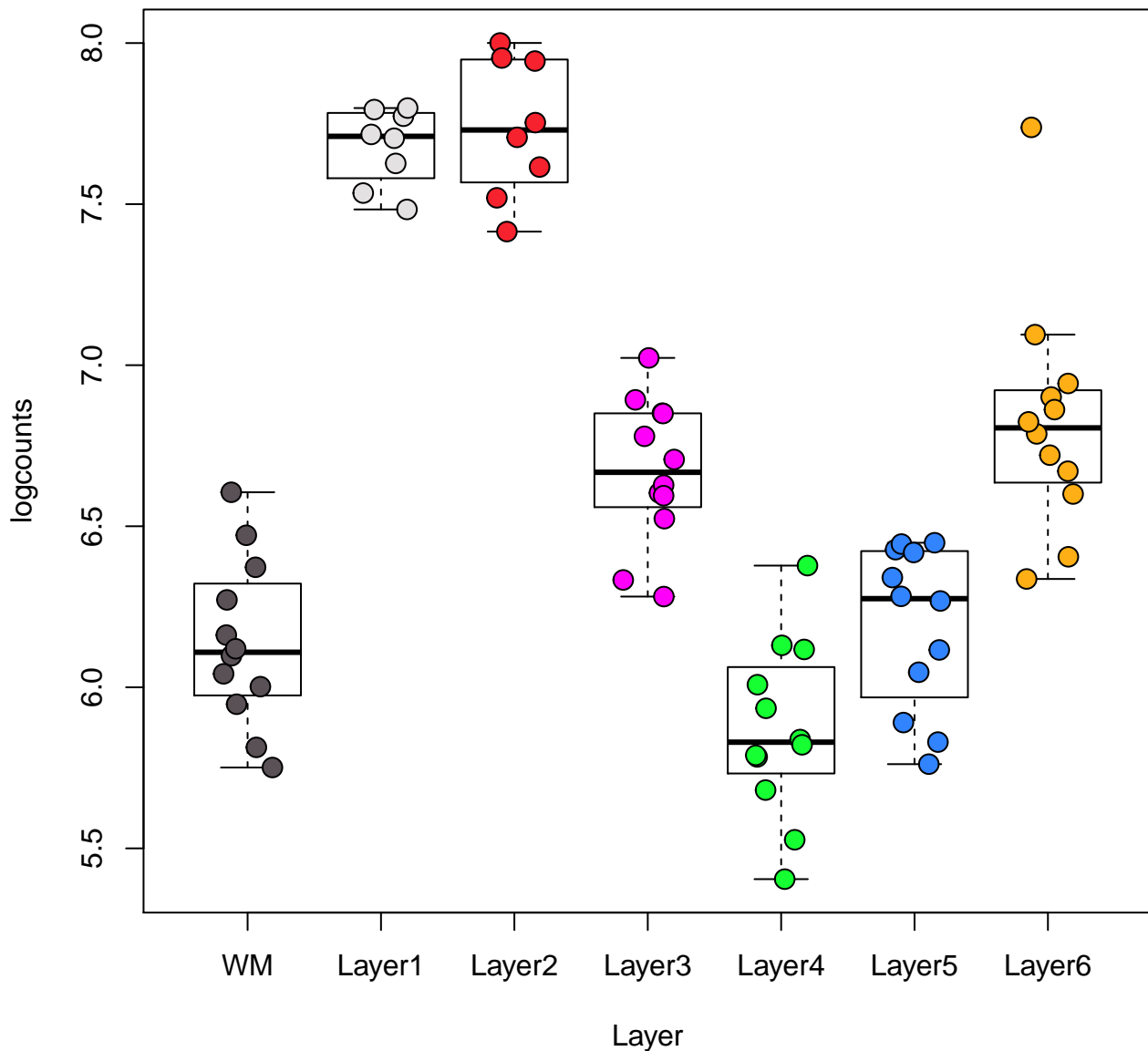
L2\_r1;L2-L3\_r3



# RGS12 ENSG00000159788 Layer2-Layer3

tstat 8.99e+00 p 2.29e-13

L1-L4\_r4;L2-L3\_r4;L2-L4\_r4;L3-L4\_r9

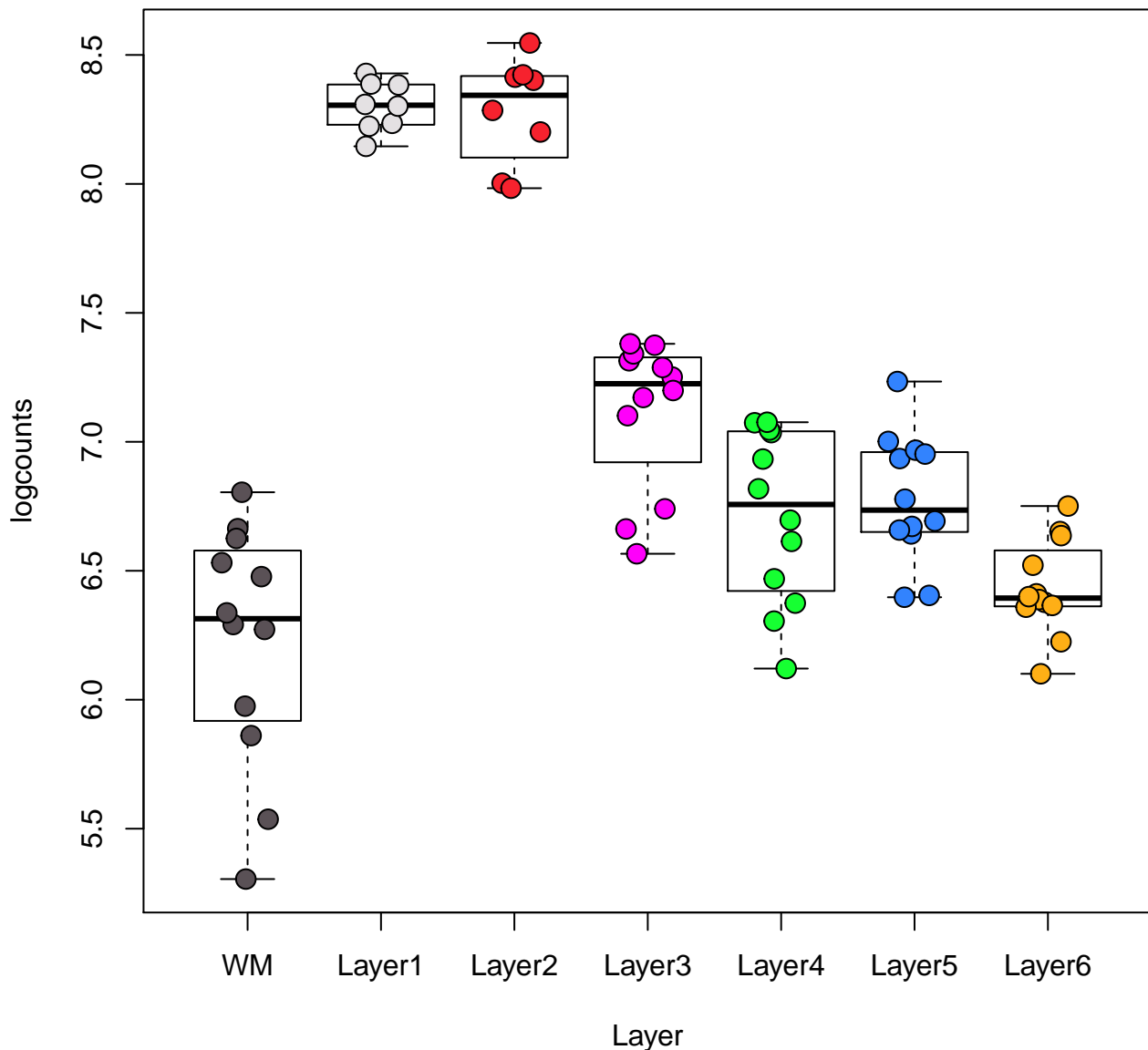




# CNR1 ENSG00000118432 Layer2-Layer3

tstat 8.96e+00 p 2.67e-13

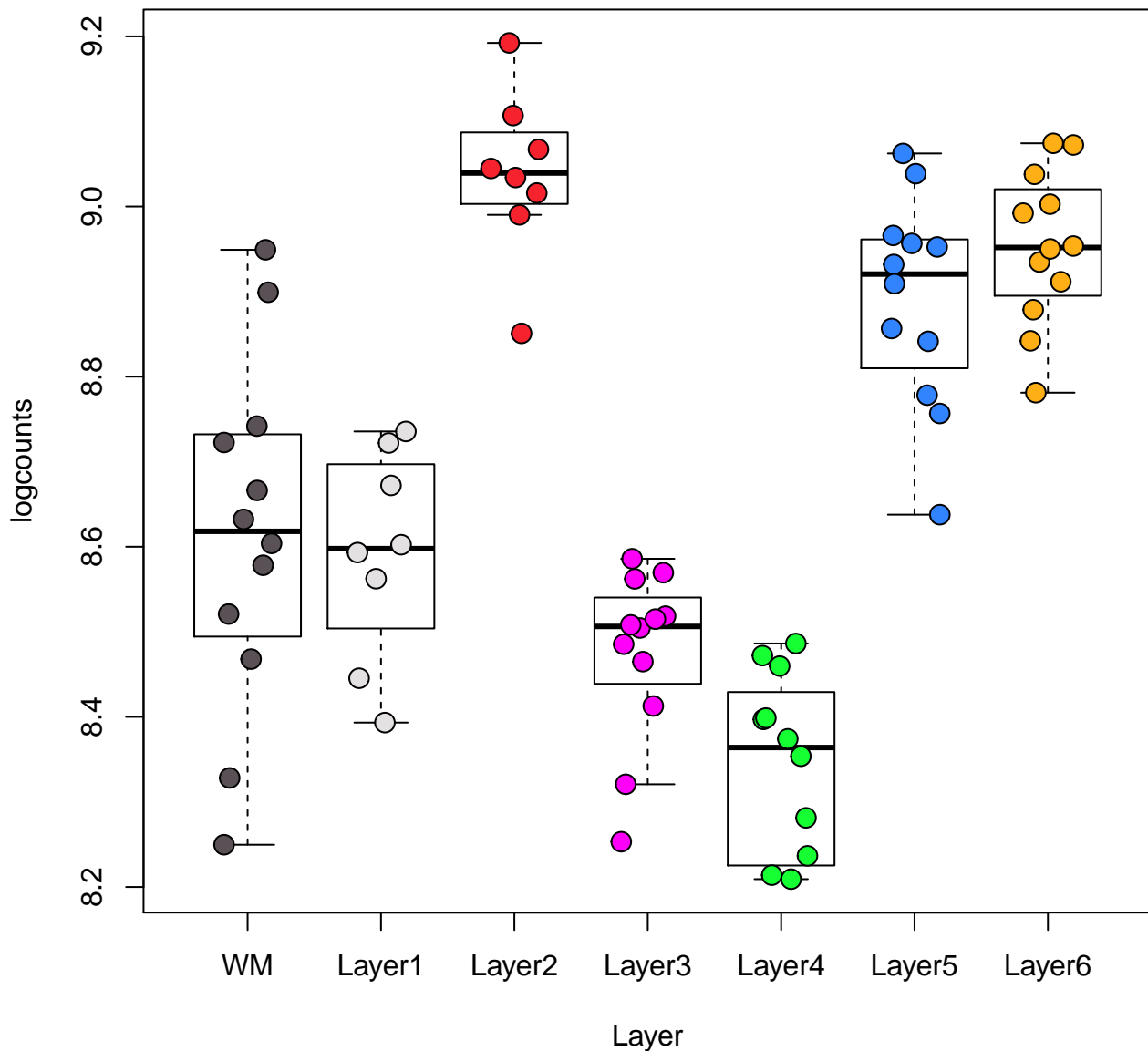
L1-L6\_r3;L2-L3\_r5;L2-L4\_r9;L2-L6\_r5;L1-WM\_r1;L2-WM\_r9



# PHYHIPL ENSG00000165443 Layer2-Layer3

tstat 8.38e+00 p 3.15e-12

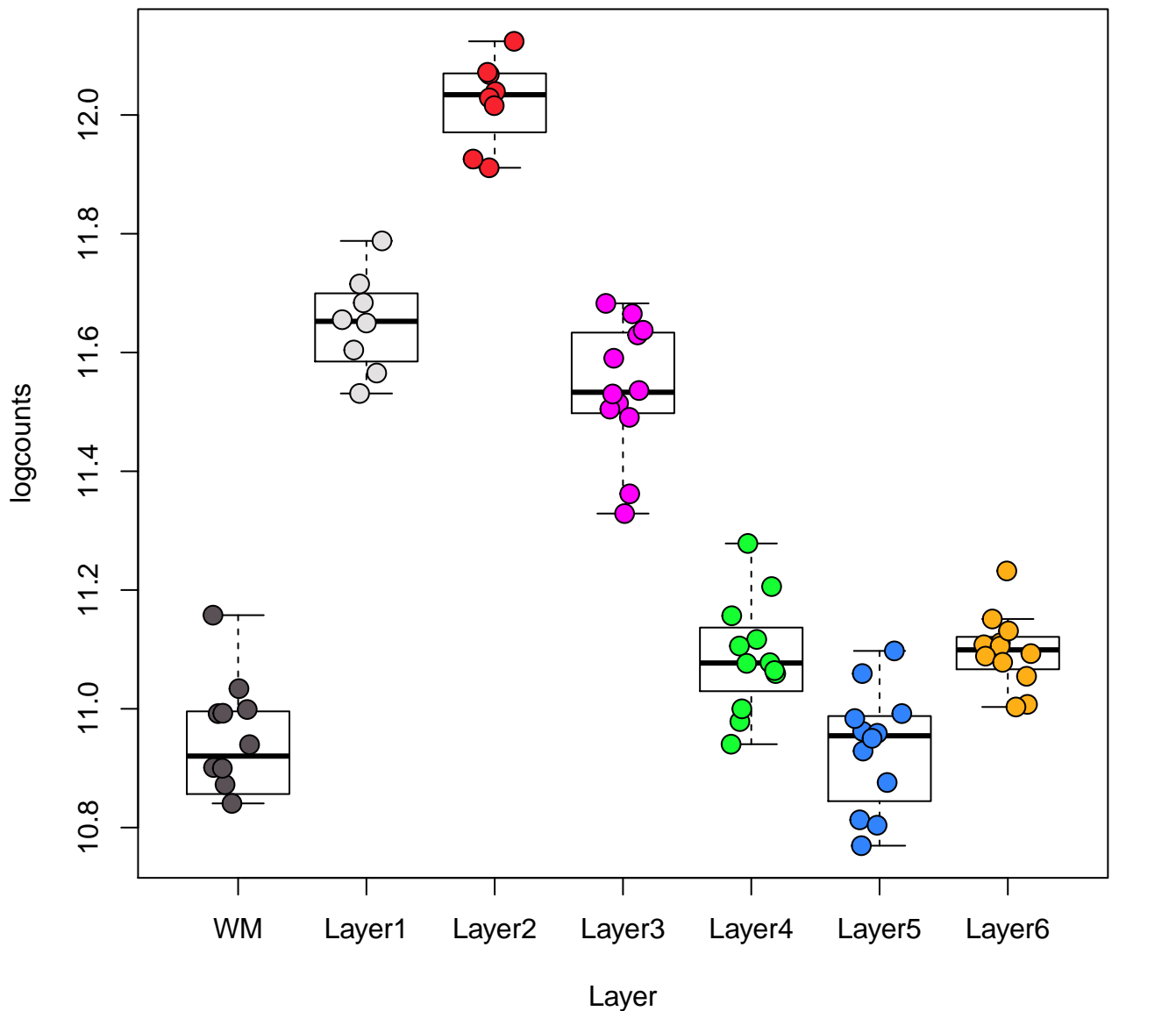
L2-L3\_r6;L5-L4\_r3



# CAMK2N1 ENSG00000162545 Layer2-Layer3

tstat 8.20e+00 p 6.81e-12

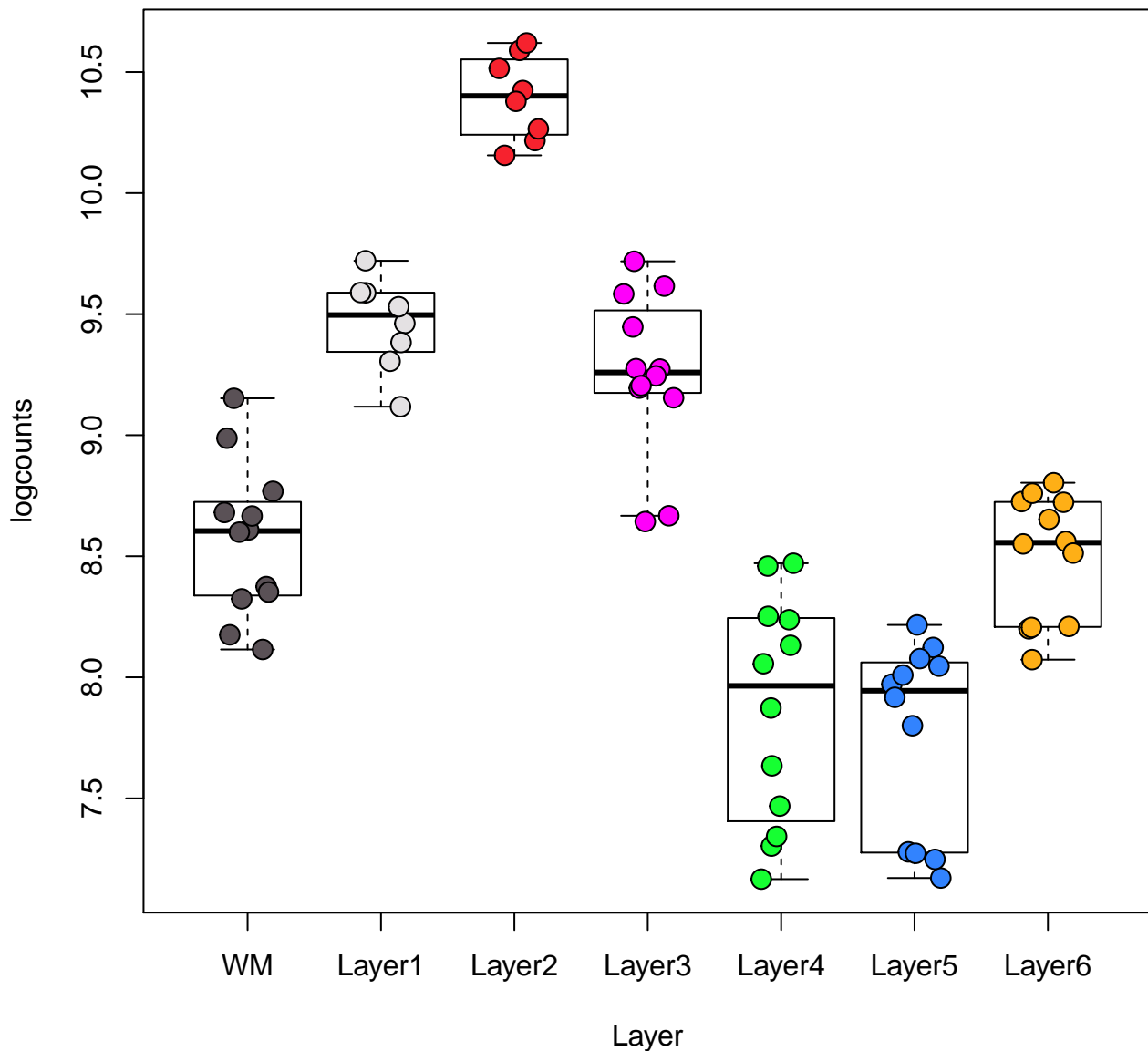
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



HPCAL1 ENSG00000115756 Layer2-Layer3

tstat 7.82e+00 p 3.52e-11

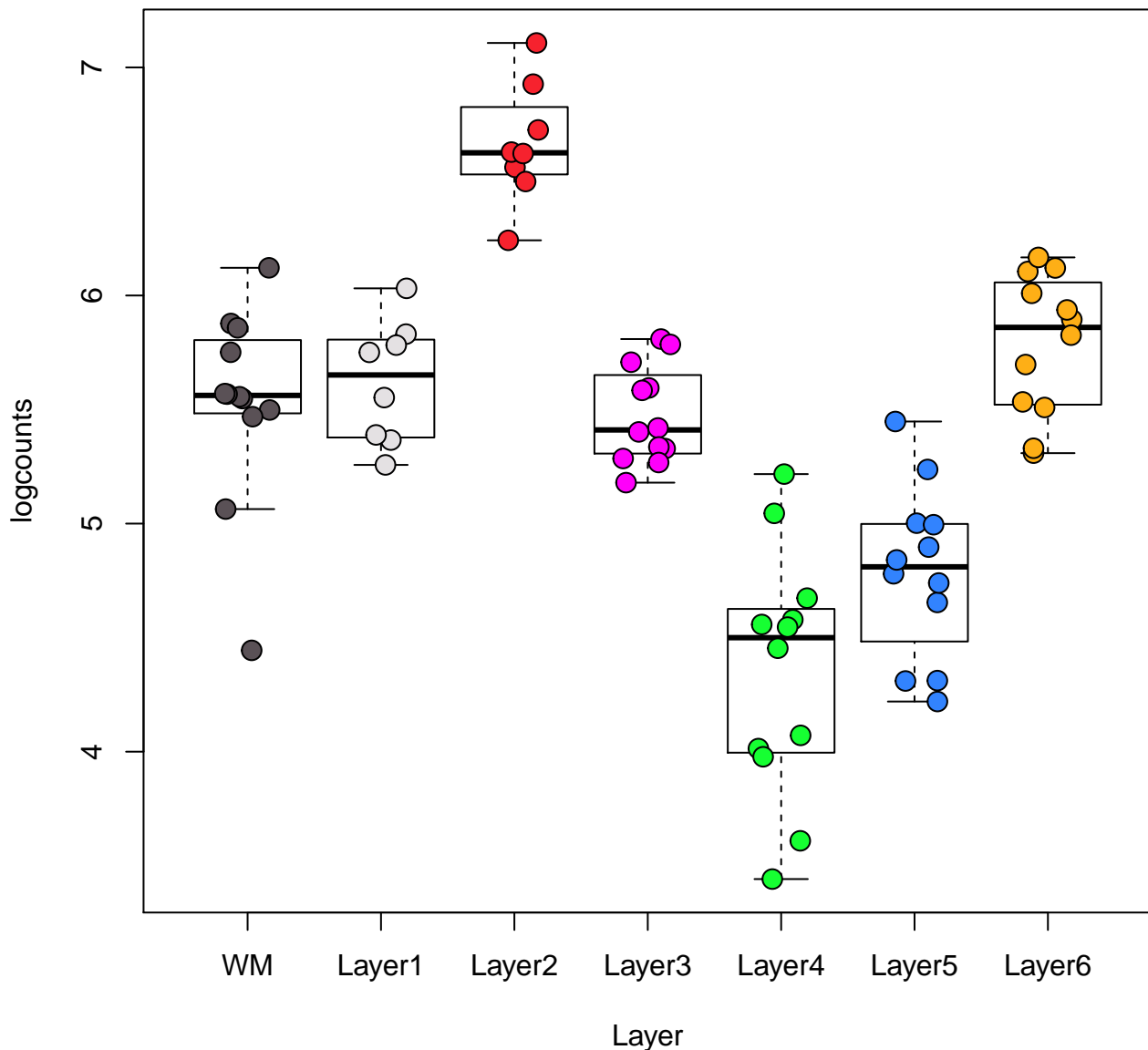
L2-L3\_r8;L2-L4\_r2;L2-L5\_r3;L2-L6\_r6;L3-L4\_r4;L3-L5\_r5



# MEIS2 ENSG00000134138 Layer2-Layer3

tstat 7.23e+00 p 4.28e-10

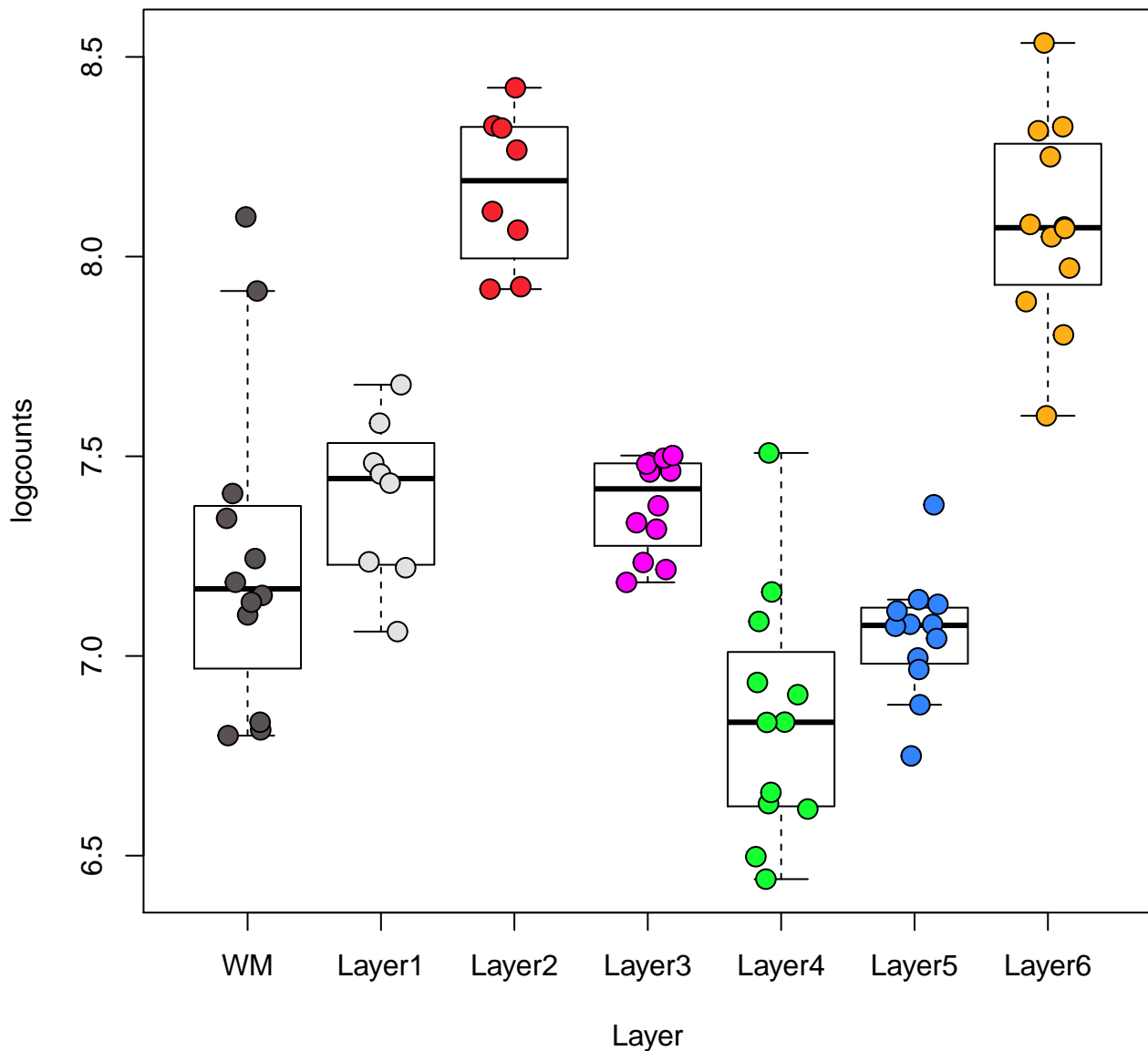
L2-L3\_r9;L2-L4\_r6



# GNG2 ENSG00000186469 Layer2-Layer3

tstat 7.03e+00 p 9.97e-10

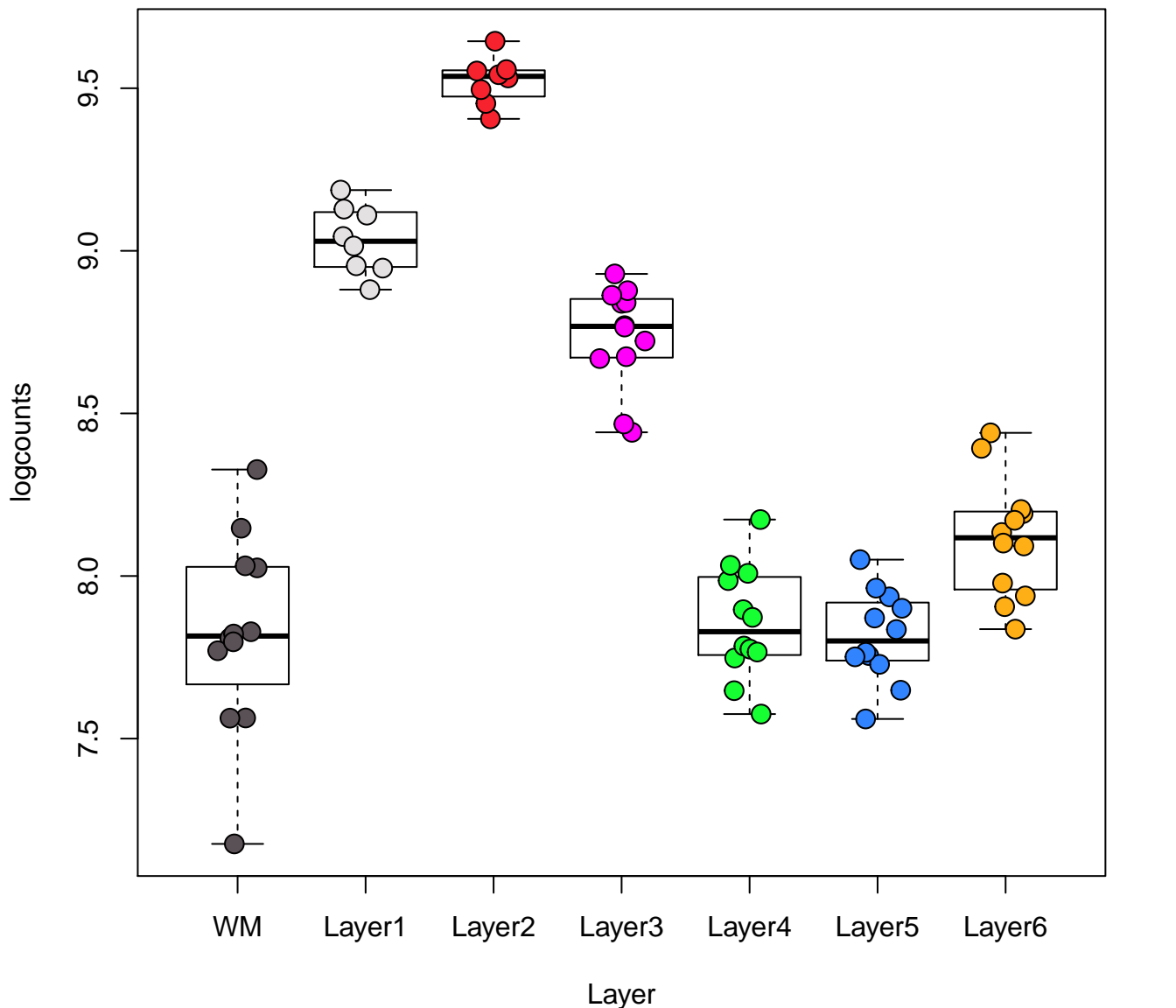
L2-L3\_r10;L6-L4\_r8;L6-L5\_r3



# SERPINE2 ENSG00000135919 Layer2-Layer4

tstat 1.98e+01 p 1.01e-30

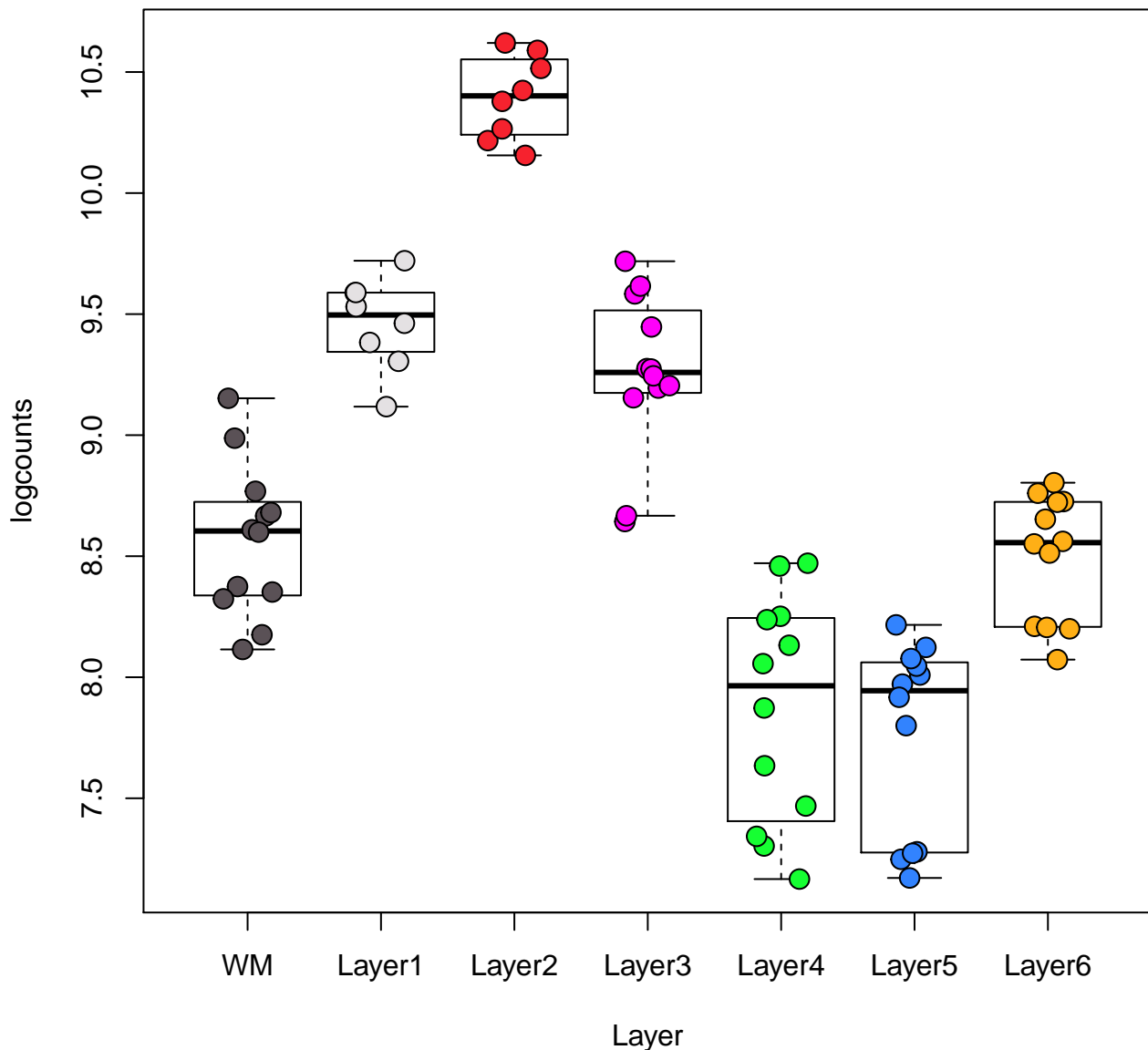
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



# HPCAL1 ENSG00000115756 Layer2-Layer4

tstat 1.79e+01 p 4.30e-28

L2-L3\_r8;L2-L4\_r2;L2-L5\_r3;L2-L6\_r6;L3-L4\_r4;L3-L5\_r5

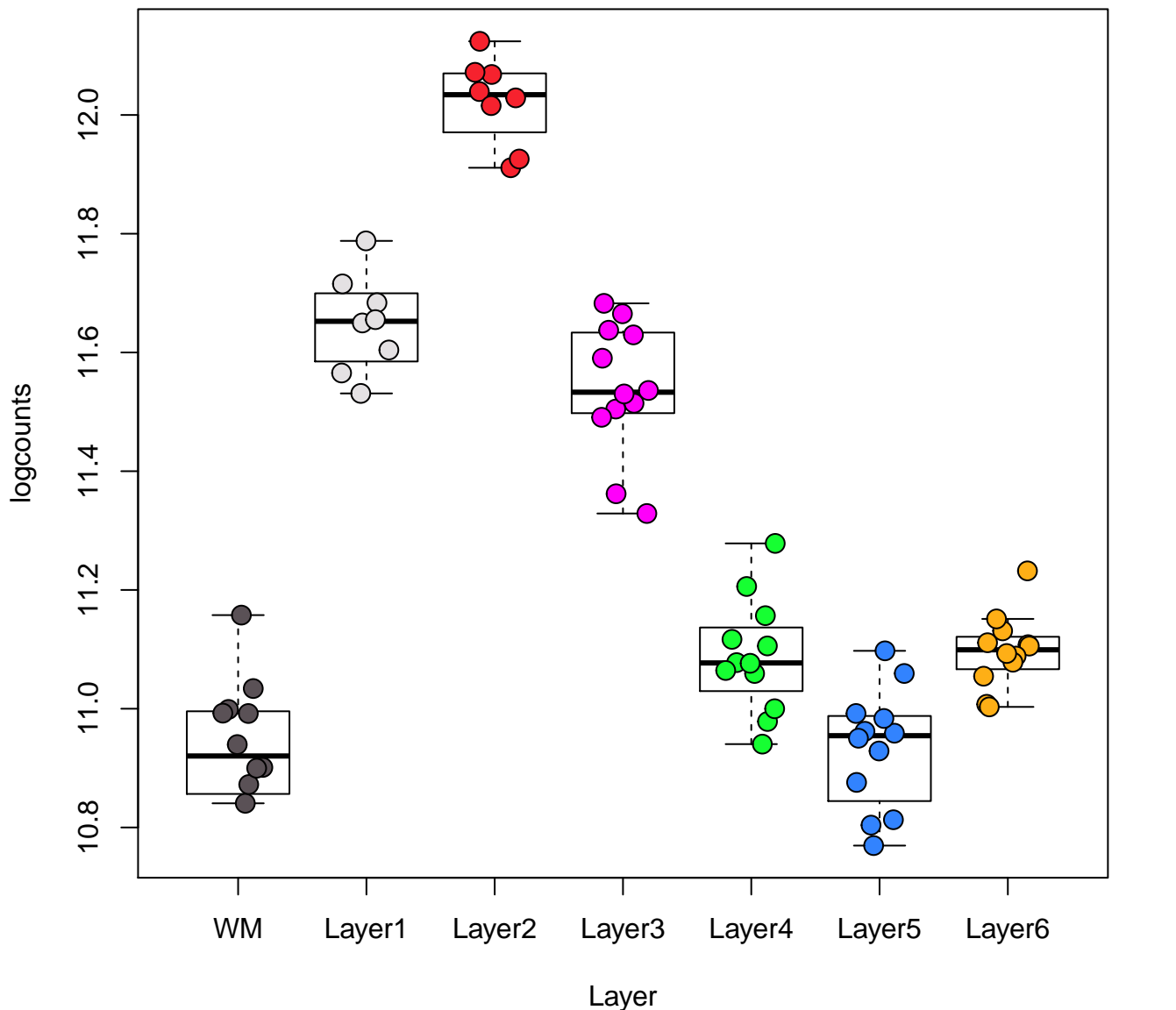




# CAMK2N1 ENSG00000162545 Layer2-Layer4

tstat 1.62e+01 p 1.30e-25

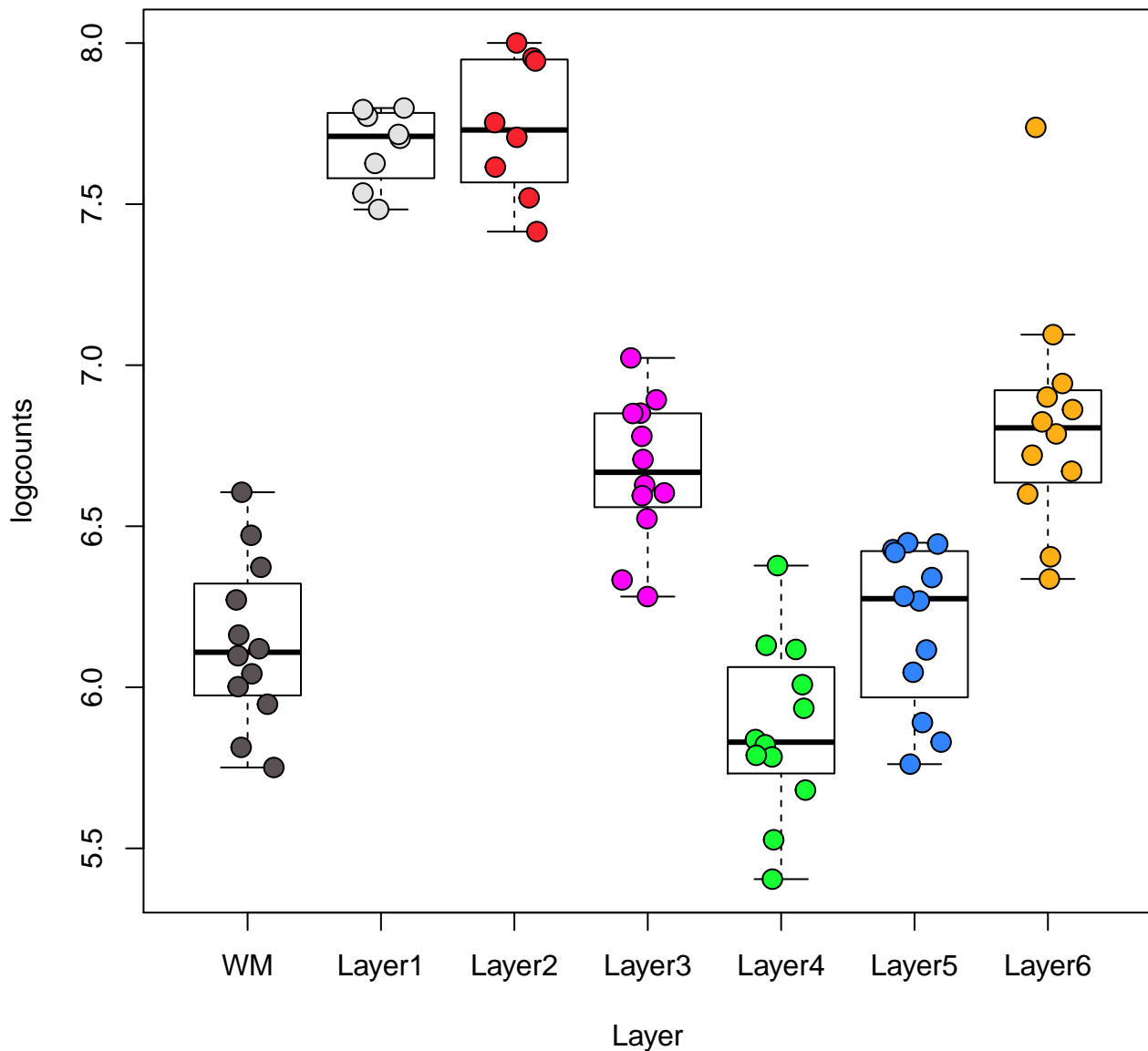
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# RGS12 ENSG00000159788 Layer2-Layer4

tstat 1.61e+01 p 2.09e-25

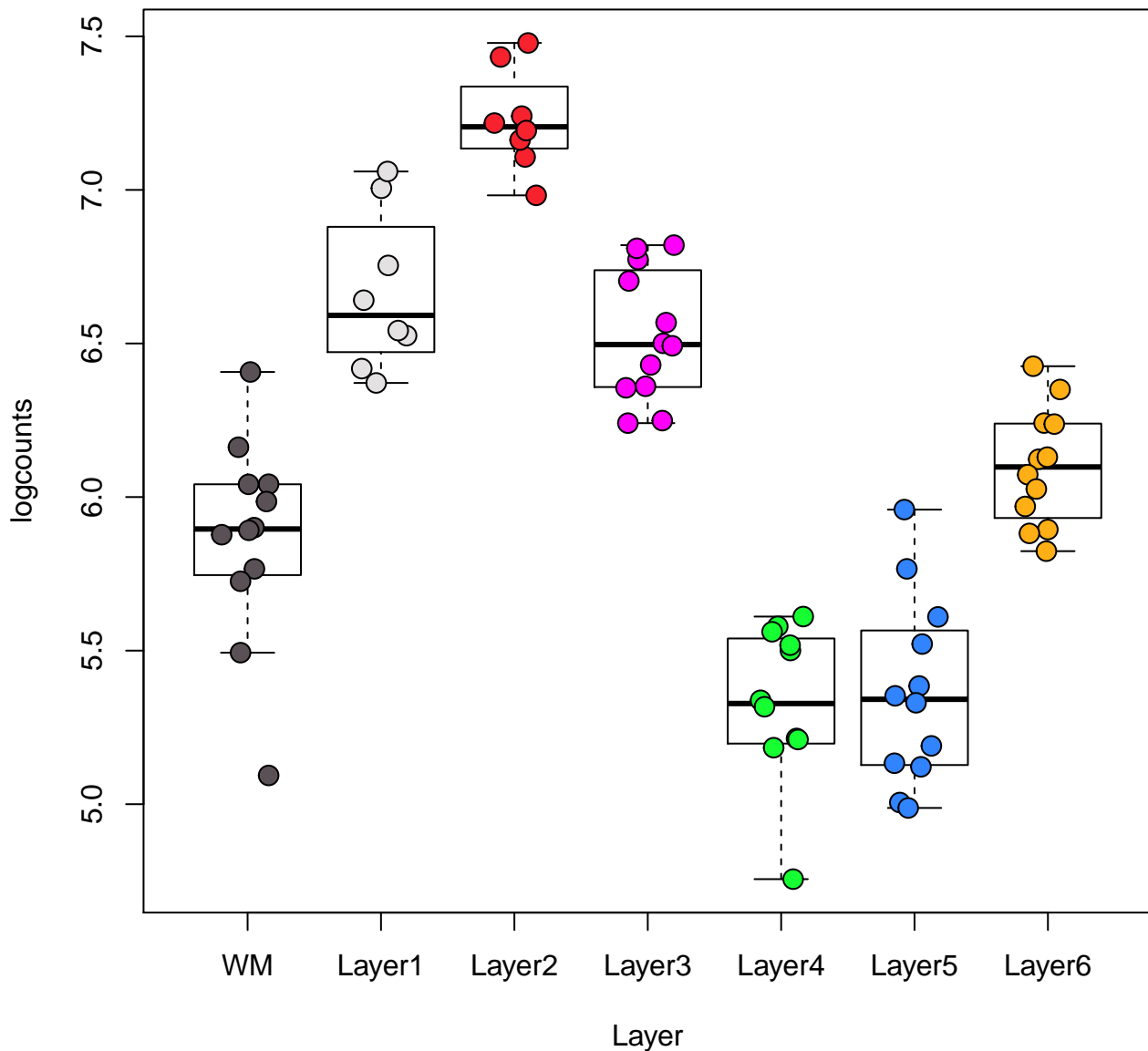
L1-L4\_r4;L2-L3\_r4;L2-L4\_r4;L3-L4\_r9



PDZD2 ENSG00000133401 Layer2-Layer4

tstat 1.59e+01 p 4.07e-25

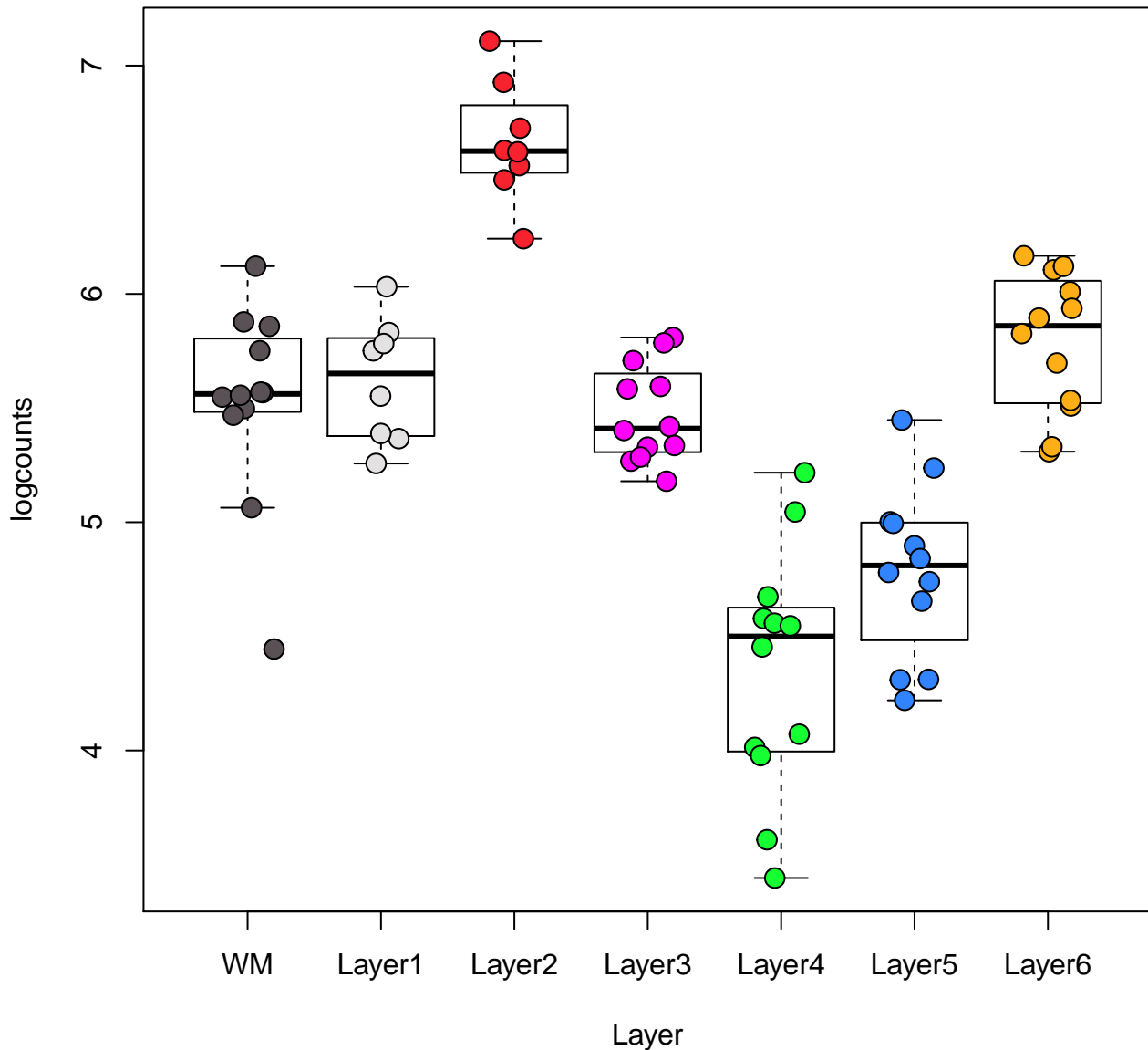
L2-L4\_r5;L2-L5\_r7;L3-L4\_r2



# MEIS2 ENSG00000134138 Layer2-Layer4

tstat 1.40e+01 p 3.37e-22

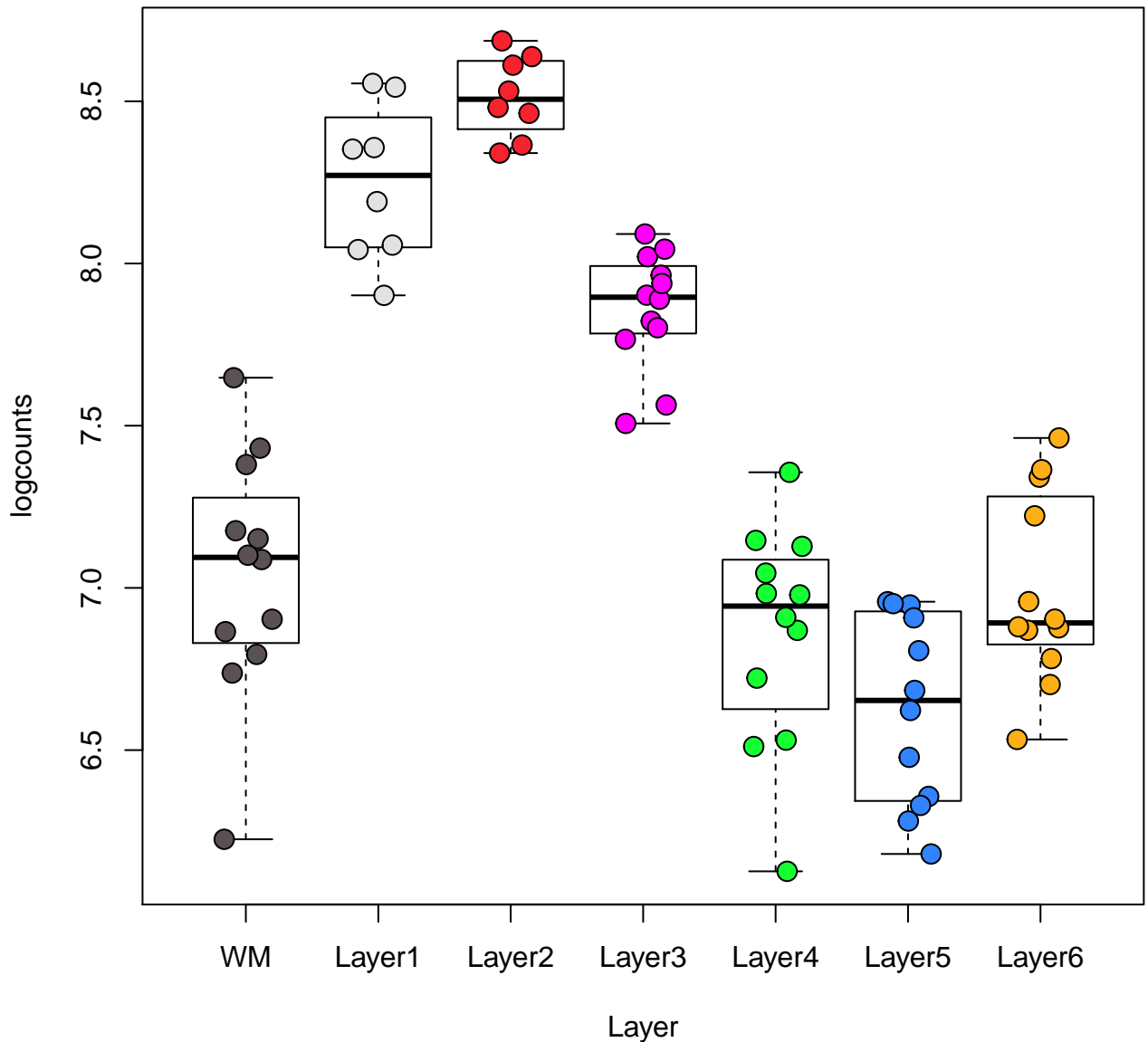
L2-L3\_r9;L2-L4\_r6



# SOWAHA ENSG00000198944 Layer2-Layer4

tstat 1.32e+01 p 7.78e-21

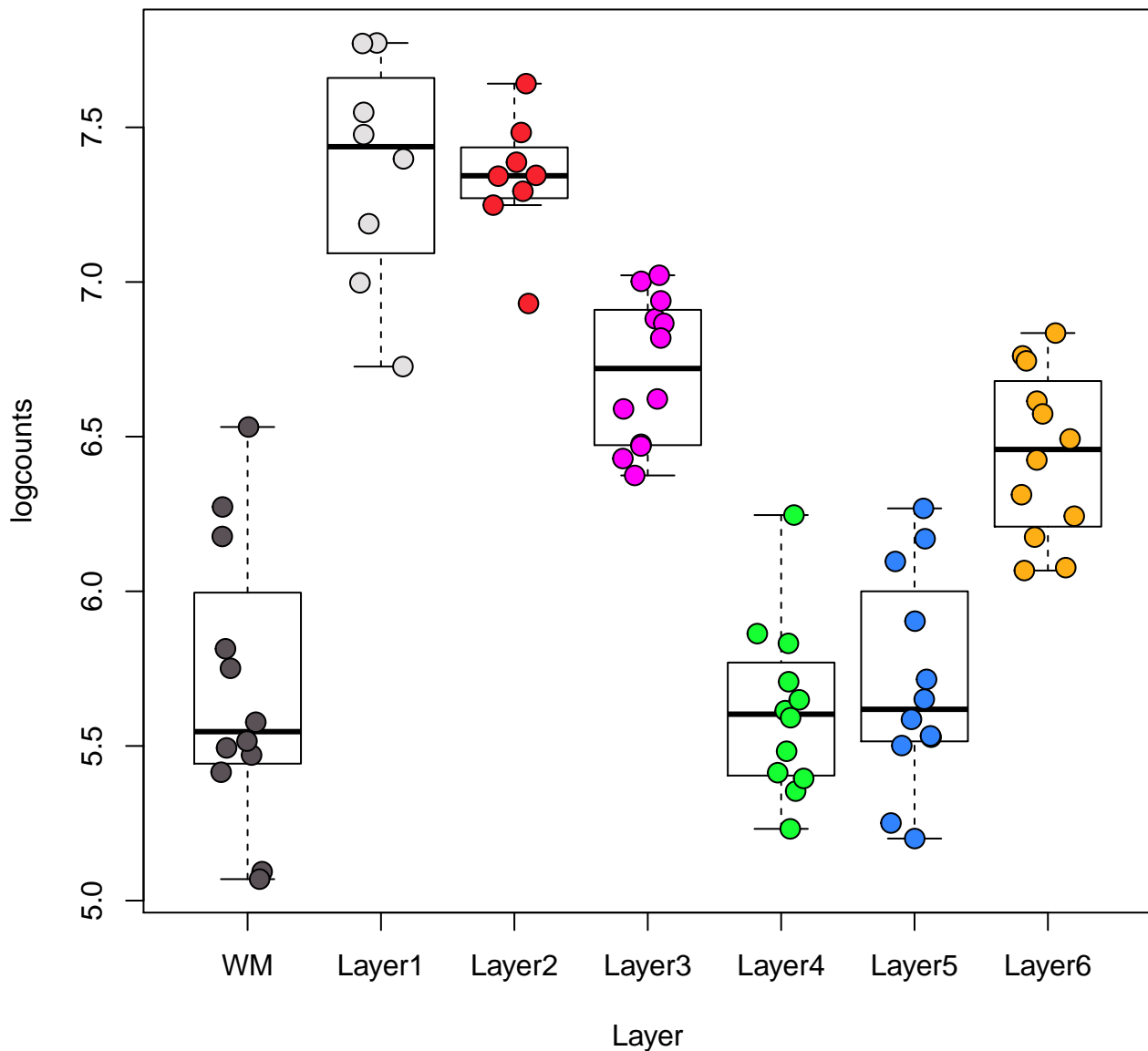
L1-L5\_r9;L2-L4\_r7;L2-L5\_r6;L3-L4\_r5;L3-L5\_r9



# CRLF1 ENSG00000006016 Layer2-Layer4

tstat 1.25e+01 p 1.15e-19

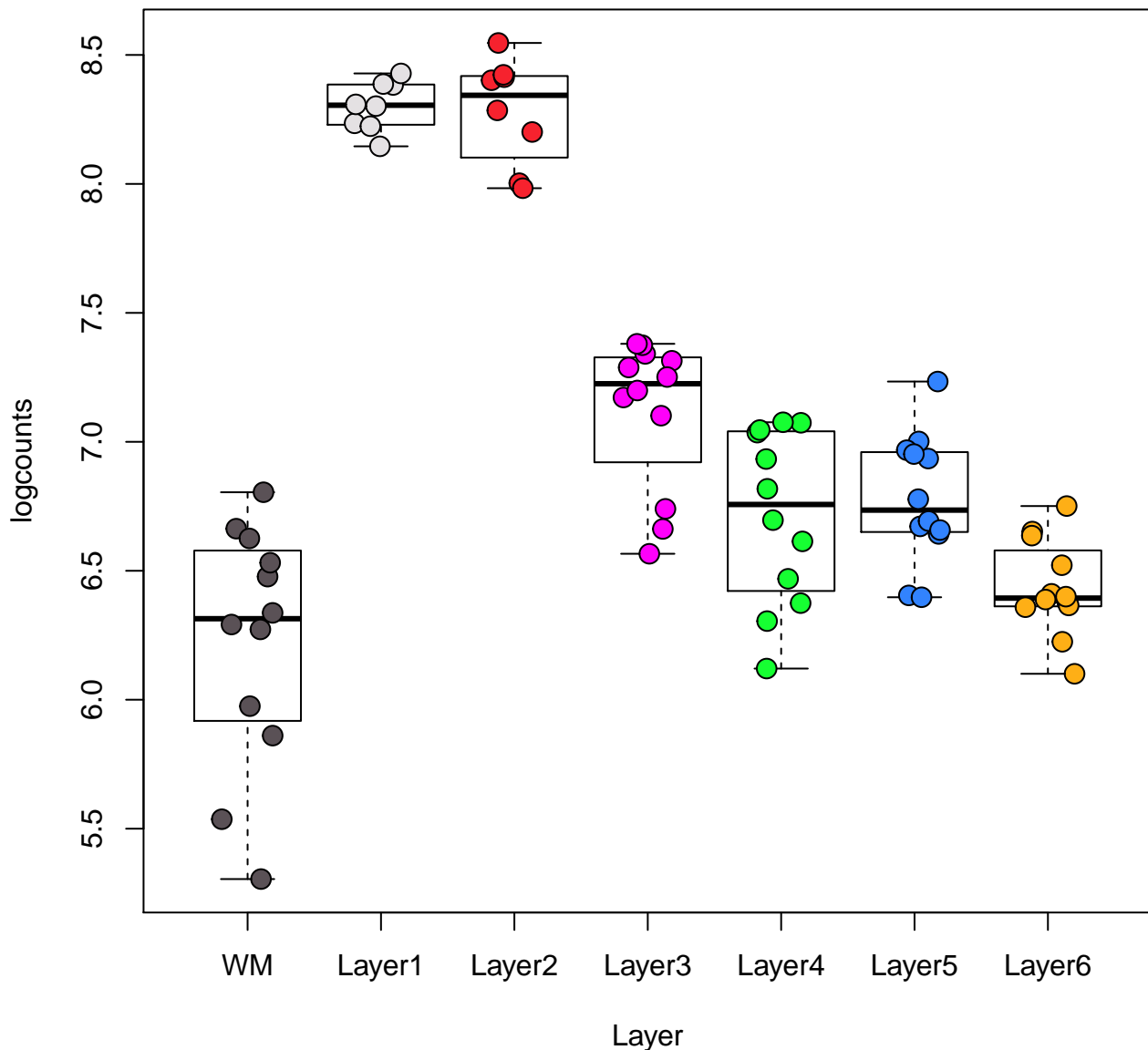
L2-L4\_r8;L3-L4\_r6



# CNR1 ENSG00000118432 Layer2-Layer4

tstat 1.22e+01 p 3.58e-19

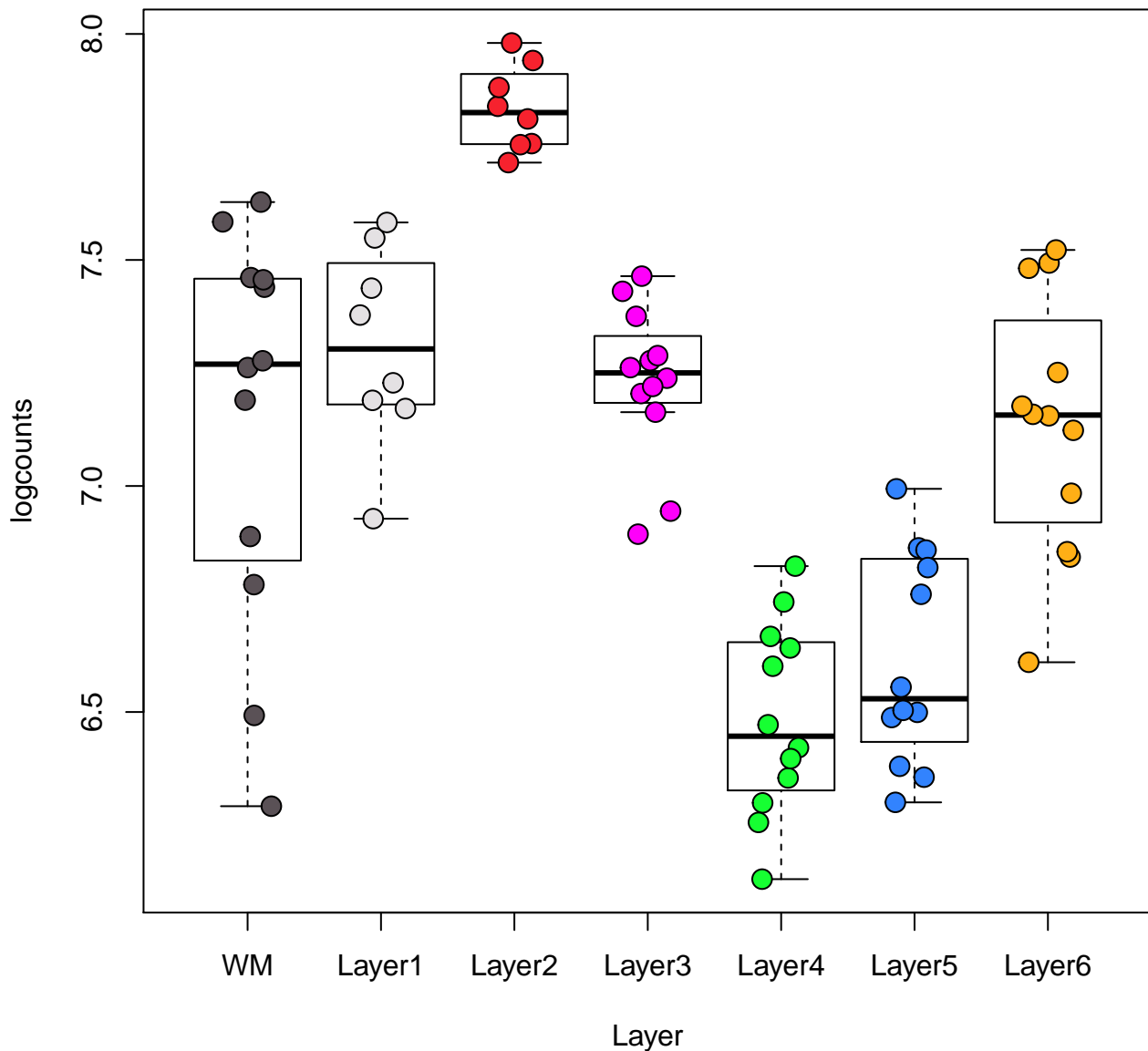
L1-L6\_r3;L2-L3\_r5;L2-L4\_r9;L2-L6\_r5;L1-WM\_r1;L2-WM\_r9



# JUN ENSG00000177606 Layer2-Layer4

tstat 1.22e+01 p 4.06e-19

L2-L4\_r10;L3-L4\_r10

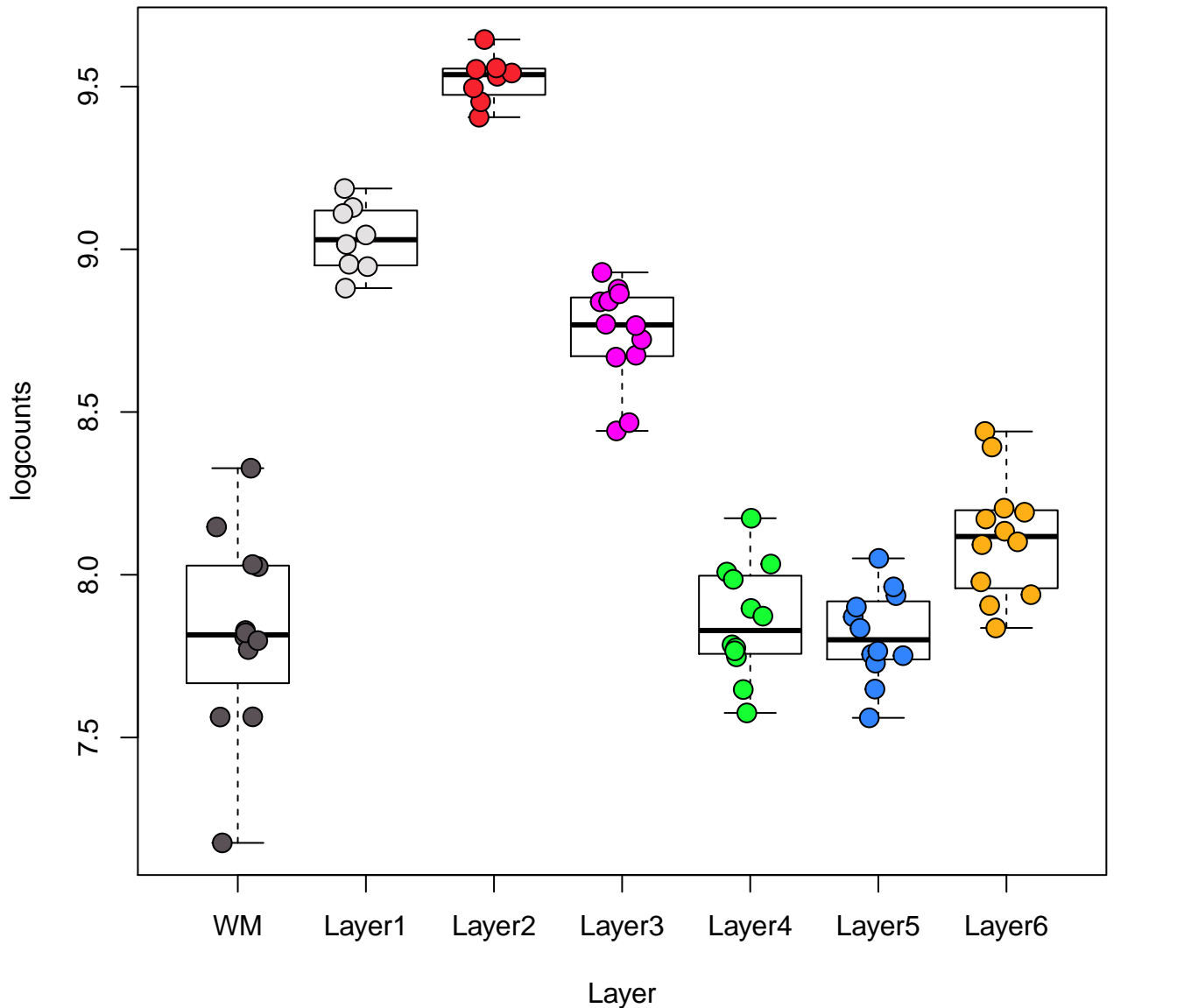




# SERPINE2 ENSG00000135919 Layer2-Layer5

tstat 2.03e+01 p 2.22e-31

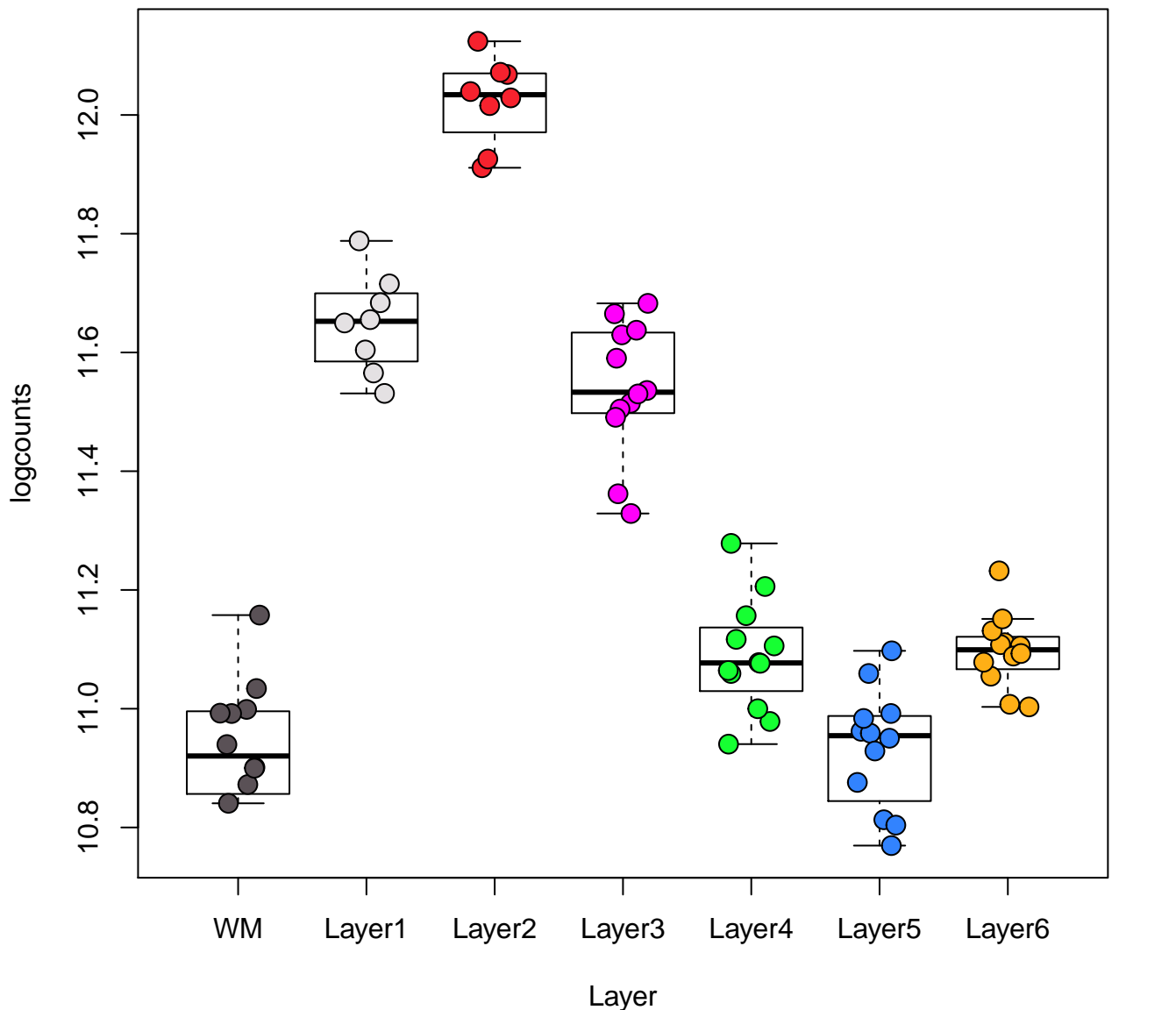
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



# CAMK2N1 ENSG00000162545 Layer2-Layer5

tstat 1.90e+01 p 1.42e-29

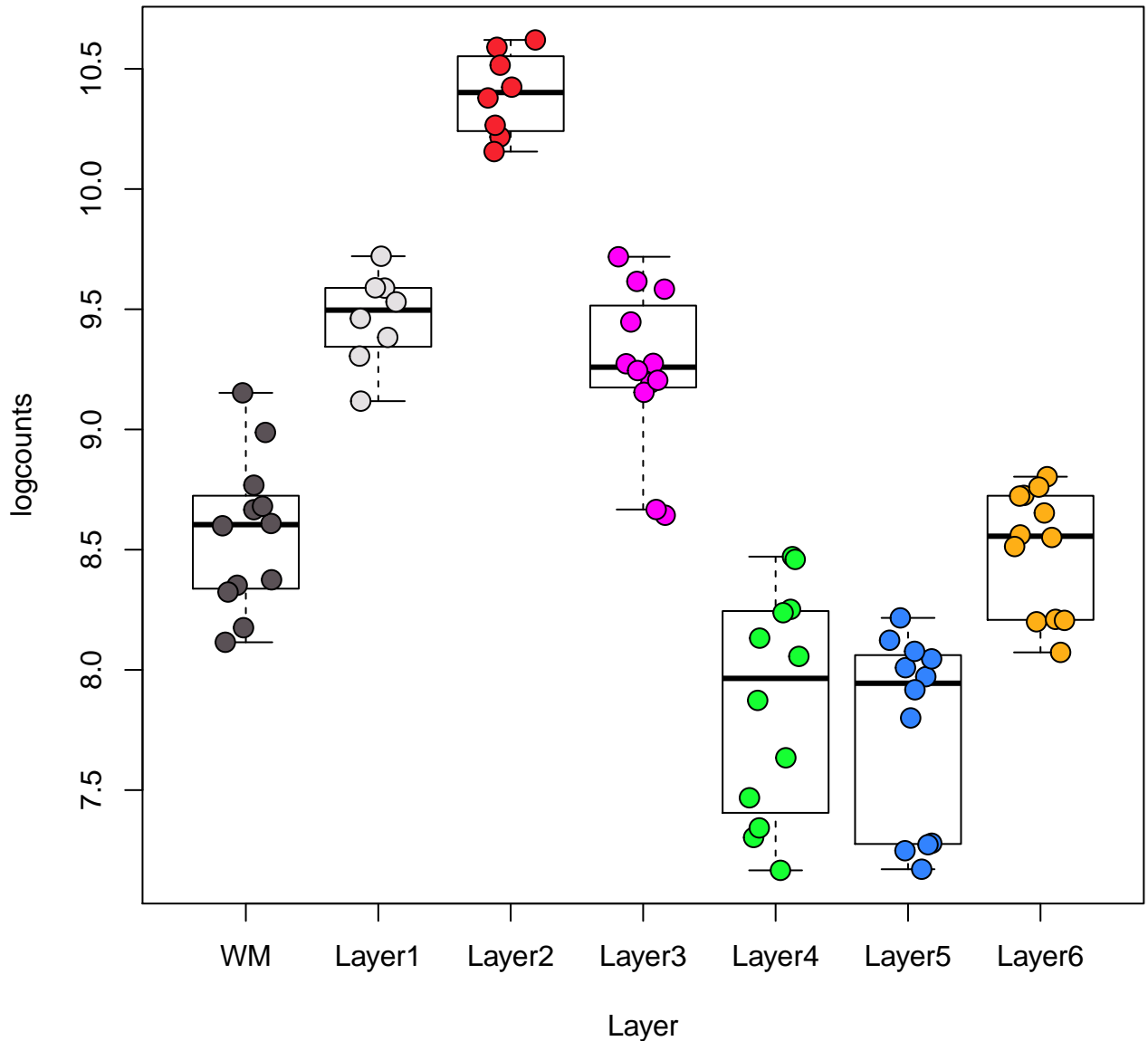
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# HPCAL1 ENSG00000115756 Layer2-Layer5

tstat 1.87e+01 p 3.62e-29

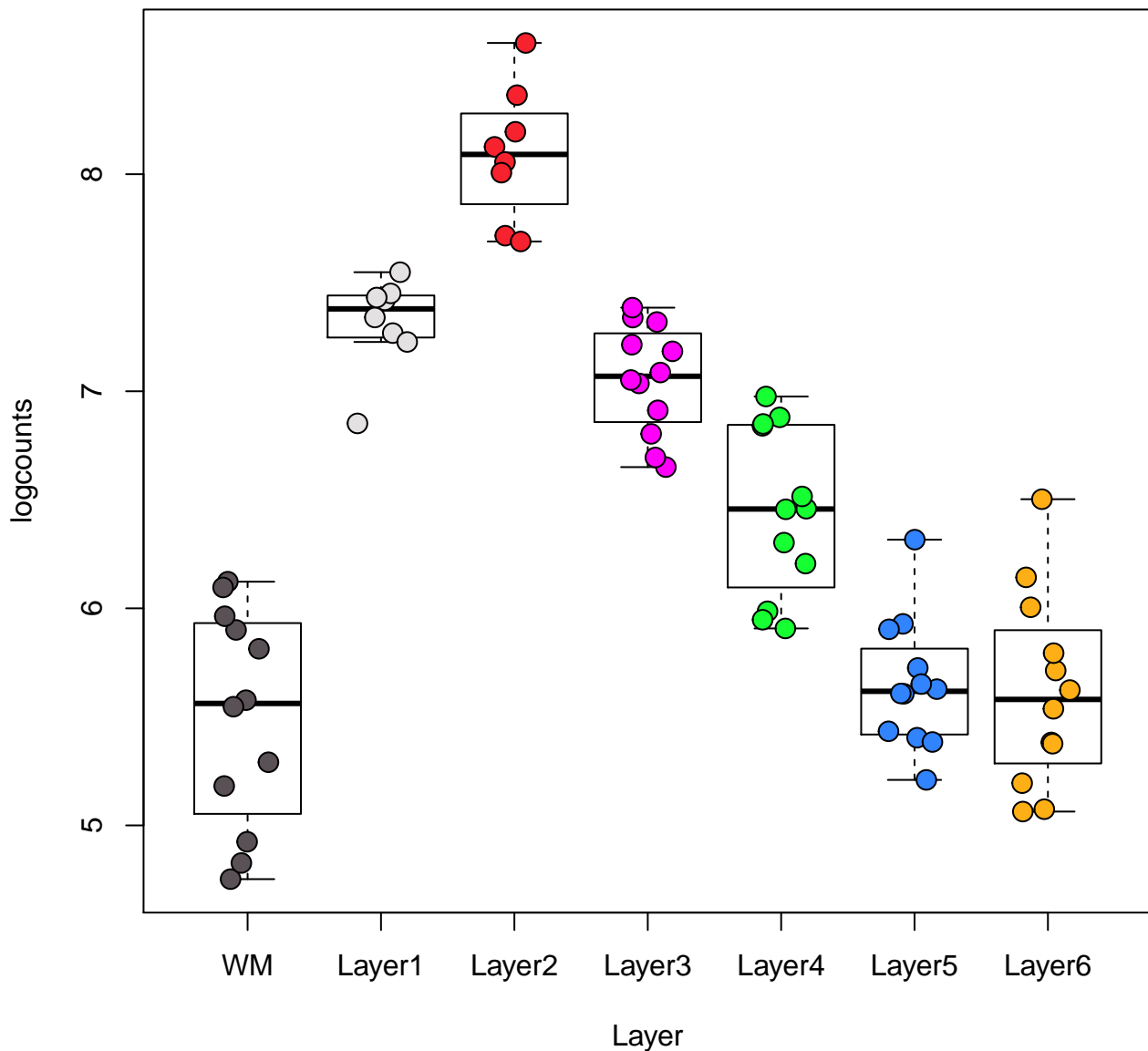
L2-L3\_r8;L2-L4\_r2;L2-L5\_r3;L2-L6\_r6;L3-L4\_r4;L3-L5\_r5



# LAMP5 ENSG00000125869 Layer2-Layer5

tstat 1.59e+01 p 3.80e-25

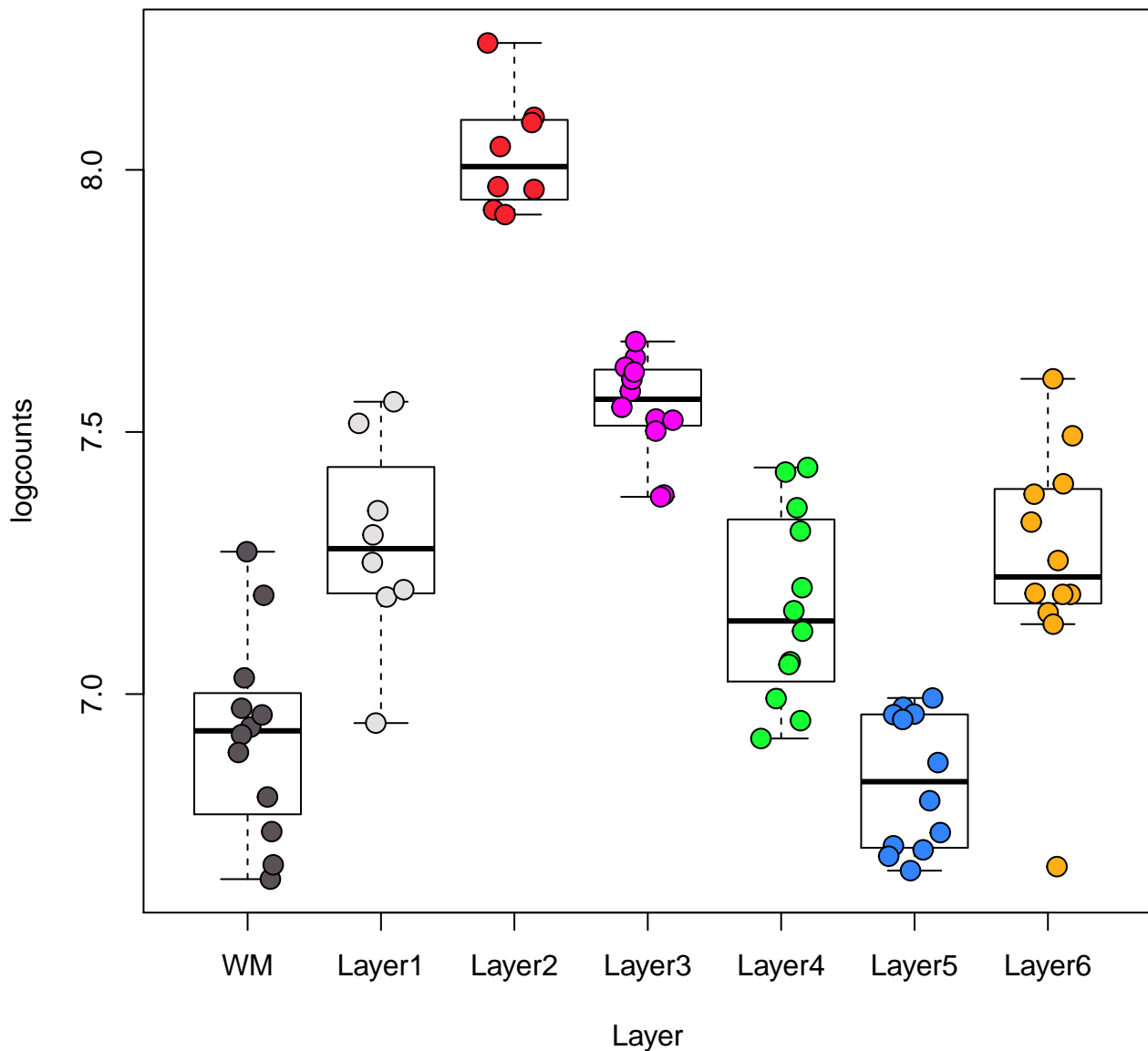
L2-L5\_r4;L2-L6\_r2;L2-WM\_r6



# SIPA1L1 ENSG00000197555 Layer2-Layer5

tstat 1.53e+01 p 2.87e-24

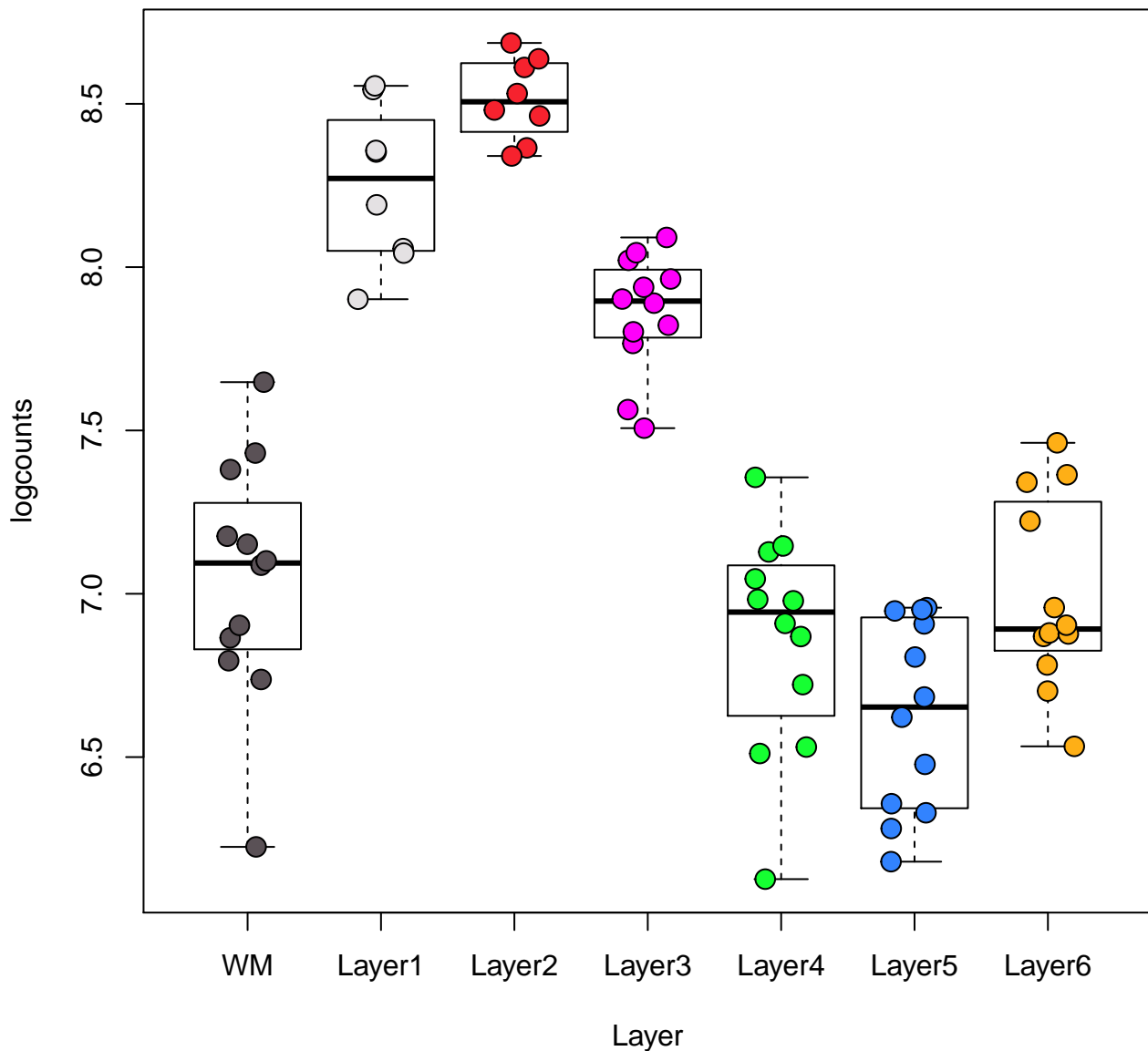
L2\_r4;L2-L5\_r5;L2-L1\_r7



# SOWAHA ENSG00000198944 Layer2-Layer5

tstat 1.51e+01 p 6.44e-24

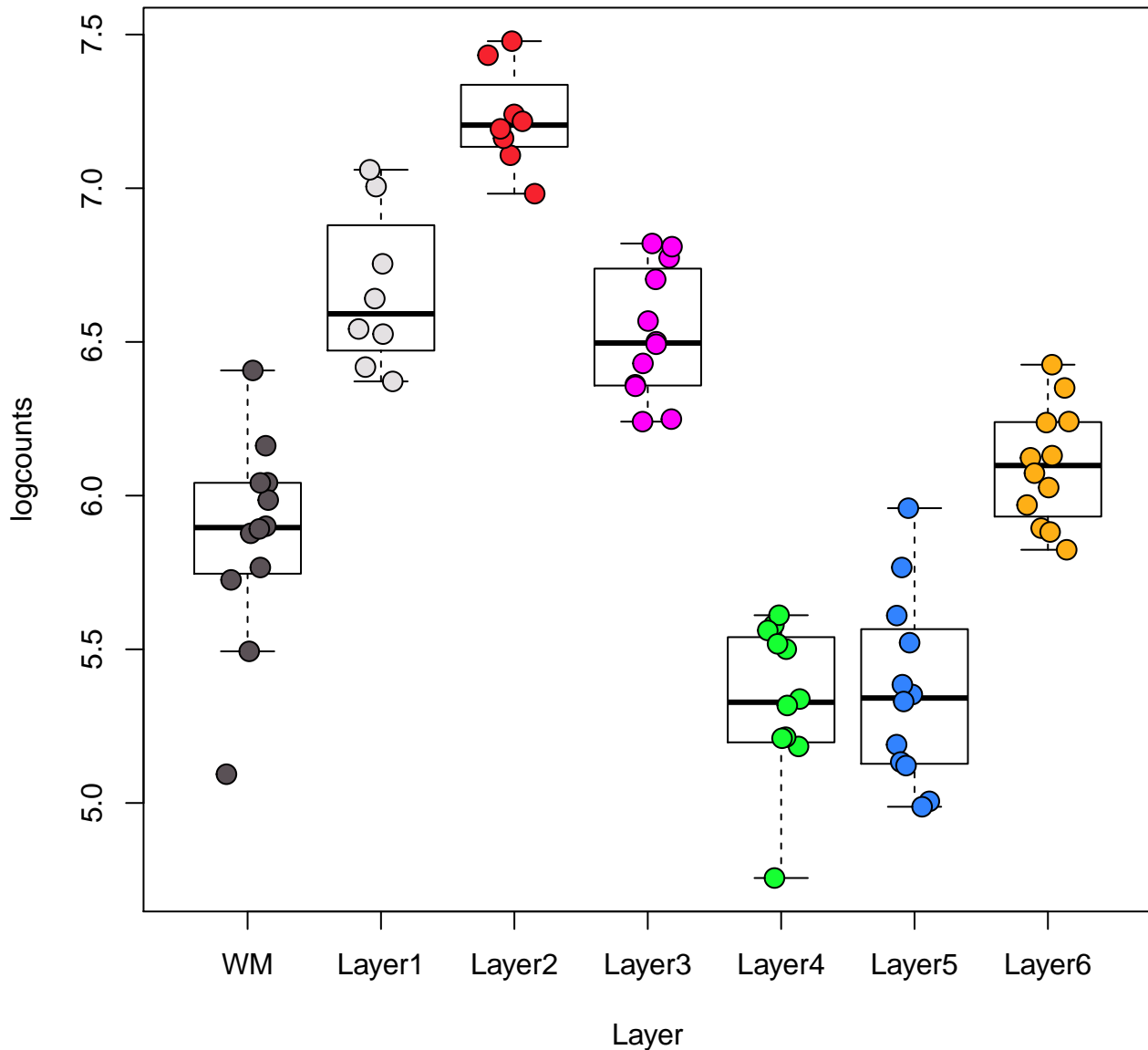
L1-L5\_r9;L2-L4\_r7;L2-L5\_r6;L3-L4\_r5;L3-L5\_r9



# PDZD2 ENSG00000133401 Layer2-Layer5

tstat 1.51e+01 p 7.00e-24

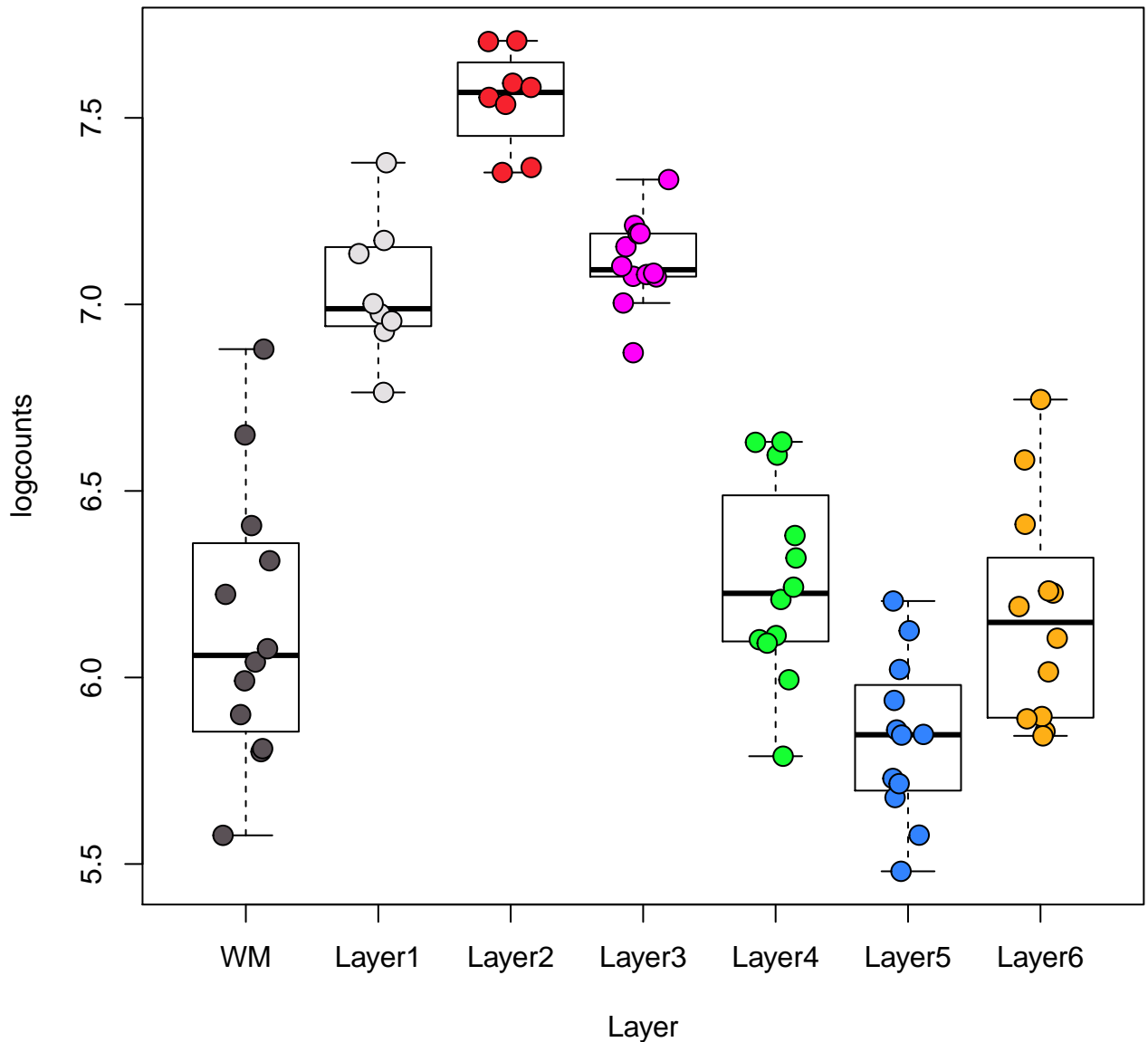
L2-L4\_r5;L2-L5\_r7;L3-L4\_r2



# RCN1 ENSG00000049449 Layer2-Layer5

tstat 1.46e+01 p 3.35e-23

L2-L5\_r8;L3-L4\_r8;L3-L5\_r3

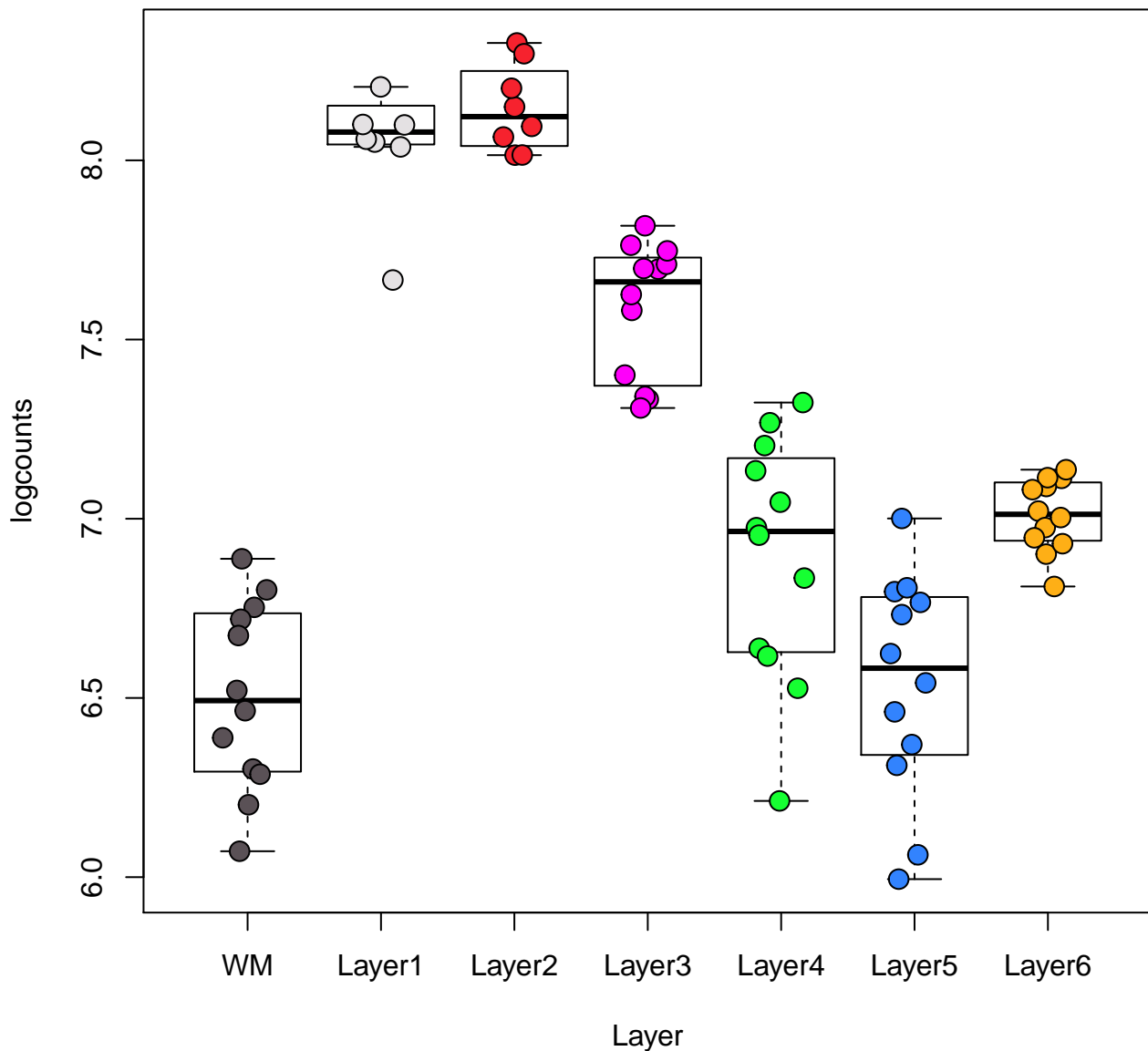




# NECAB2 ENSG00000103154 Layer2-Layer5

tstat 1.46e+01 p 3.94e-23

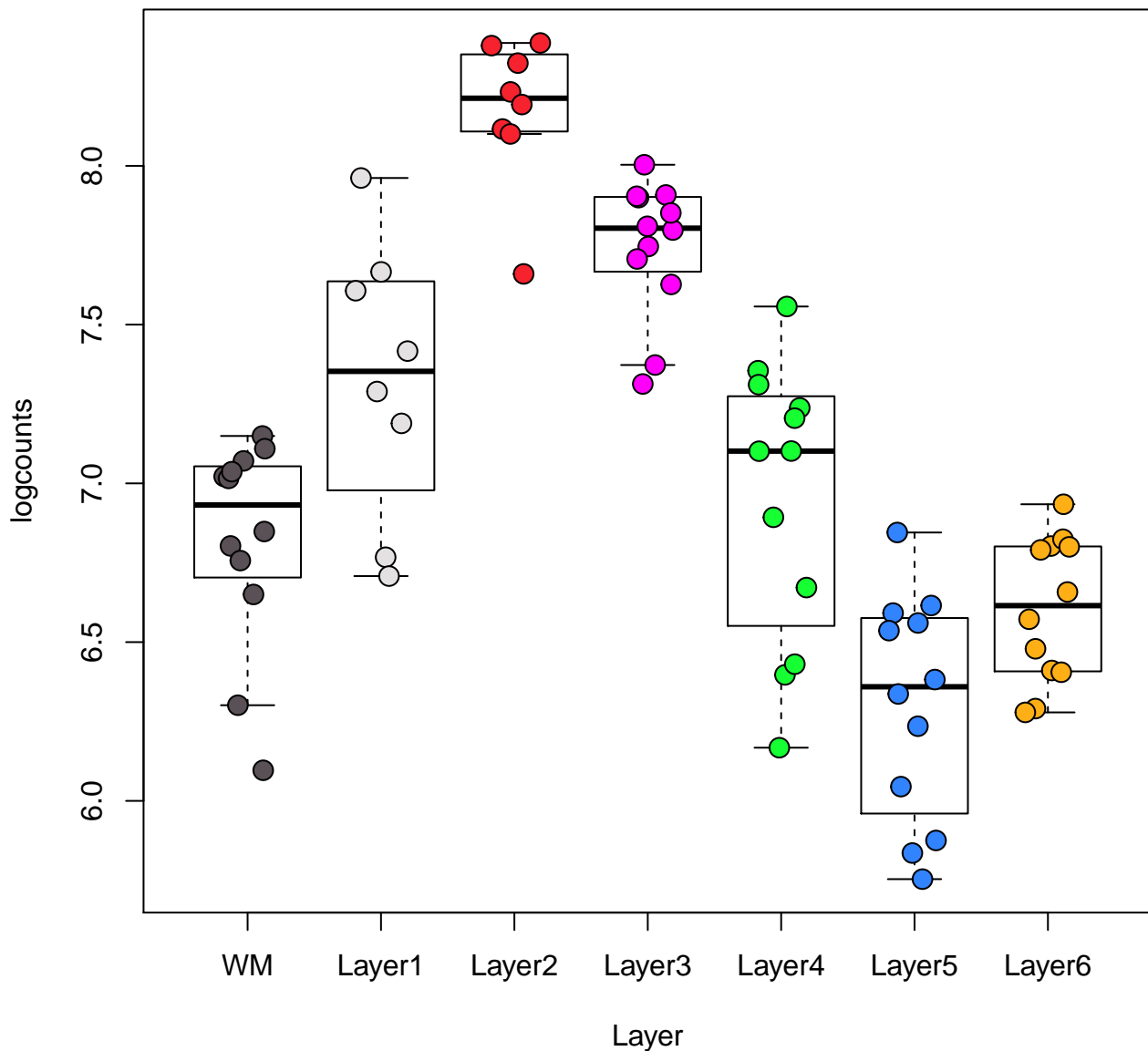
L1-L5\_r6;L2-L5\_r9;L1-WM\_r5



# RASGRF2 ENSG00000113319 Layer2-Layer5

tstat 1.34e+01 p 4.27e-21

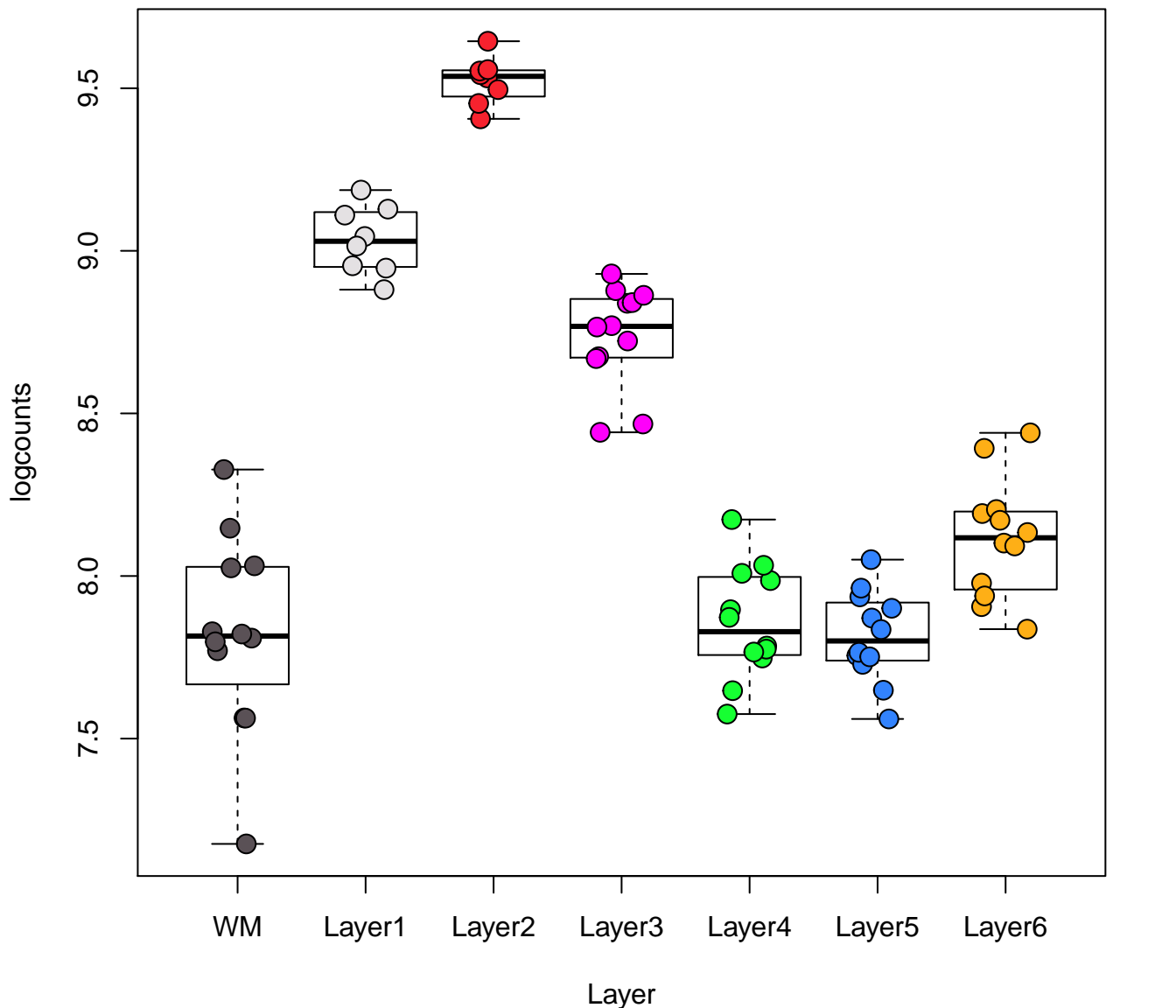
L2-L5\_r10;L3-L5\_r7



# SERPINE2 ENSG00000135919 Layer2-Layer6

tstat 1.67e+01 p 2.39e-26

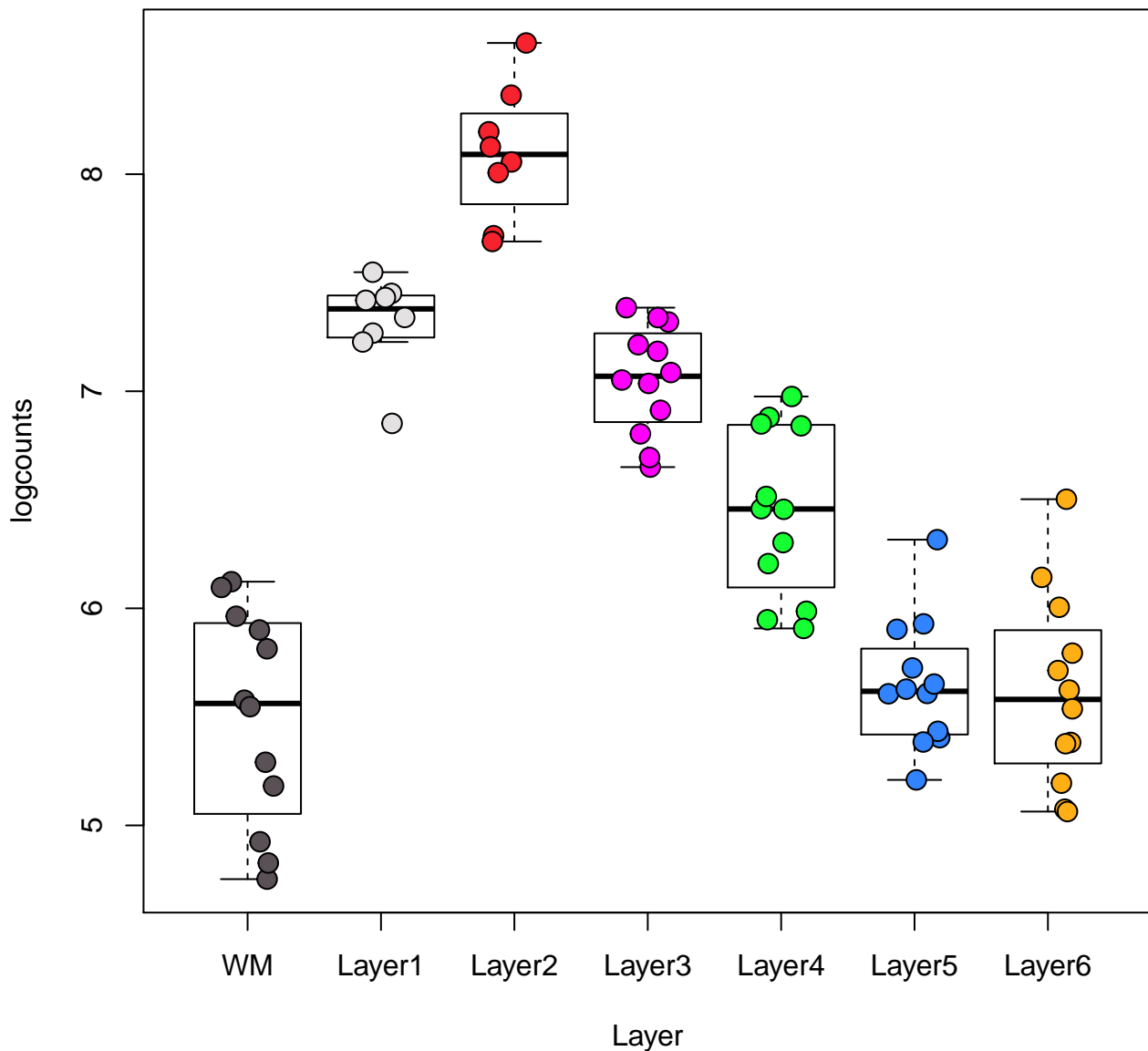
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



# LAMP5 ENSG00000125869 Layer2-Layer6

tstat 1.61e+01 p 1.81e-25

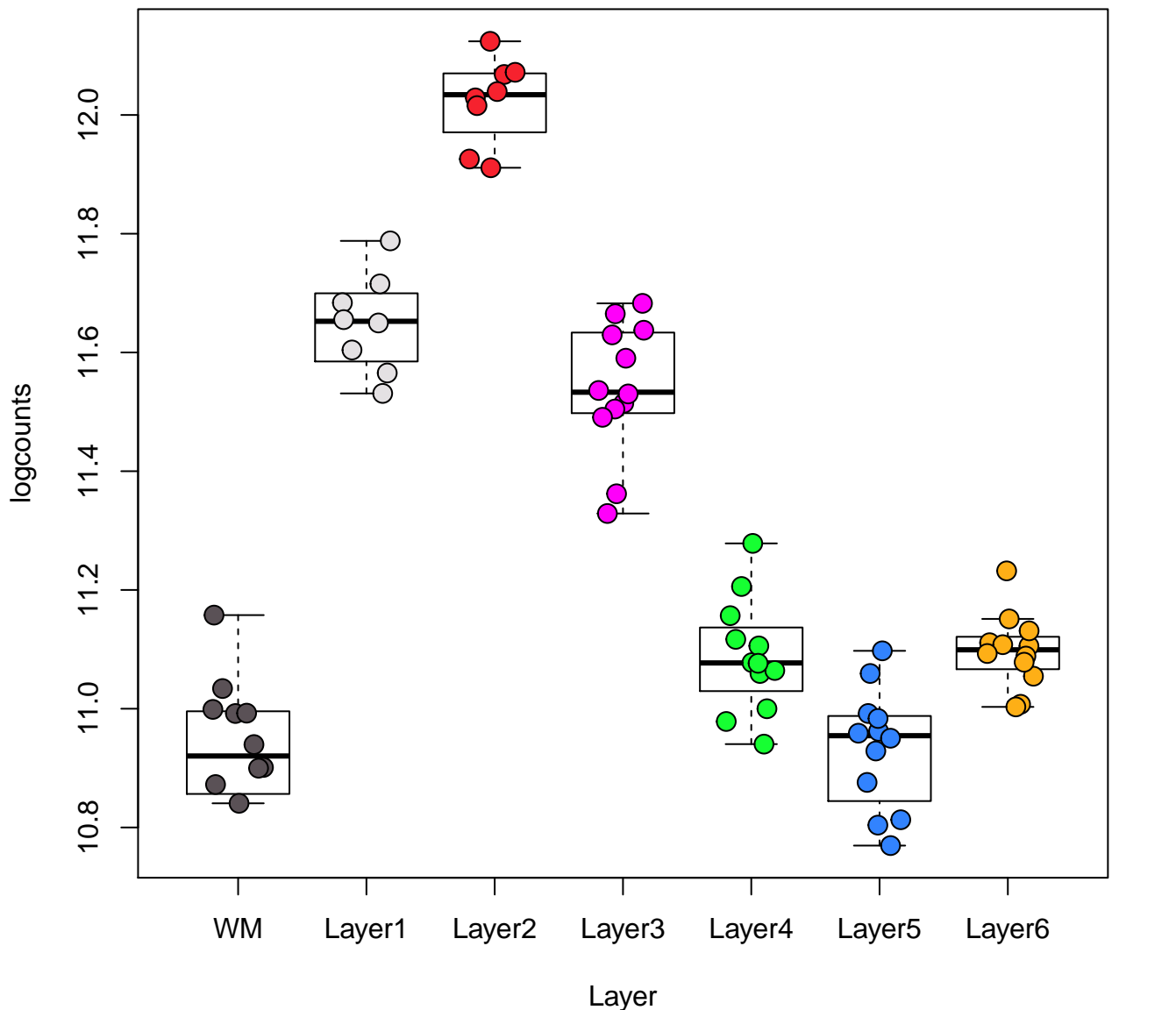
L2-L5\_r4;L2-L6\_r2;L2-WM\_r6



# CAMK2N1 ENSG00000162545 Layer2-Layer6

tstat 1.60e+01 p 2.23e-25

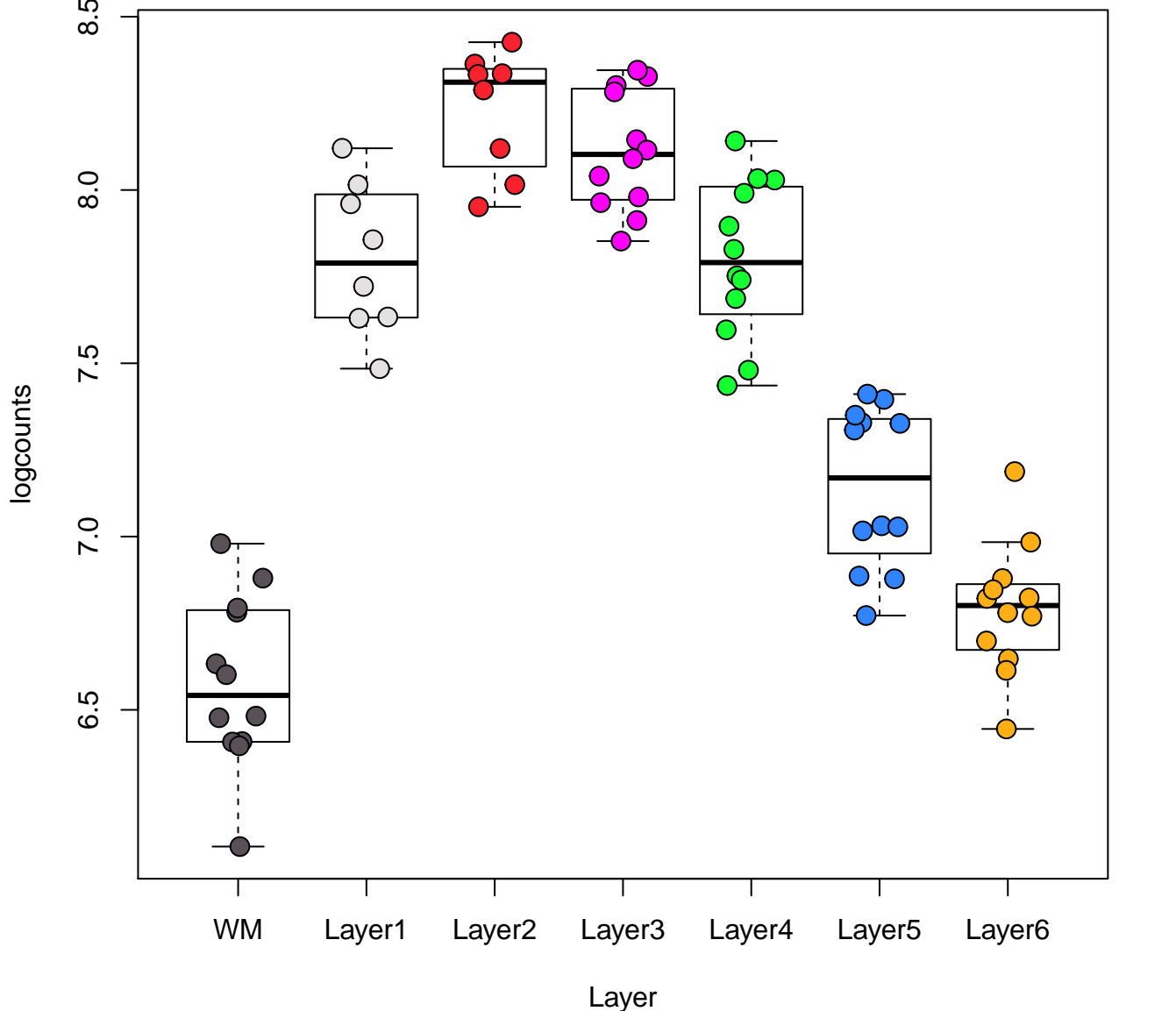
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# VSTM2A ENSG00000170419 Layer2-Layer6

tstat 1.52e+01 p 4.71e-24

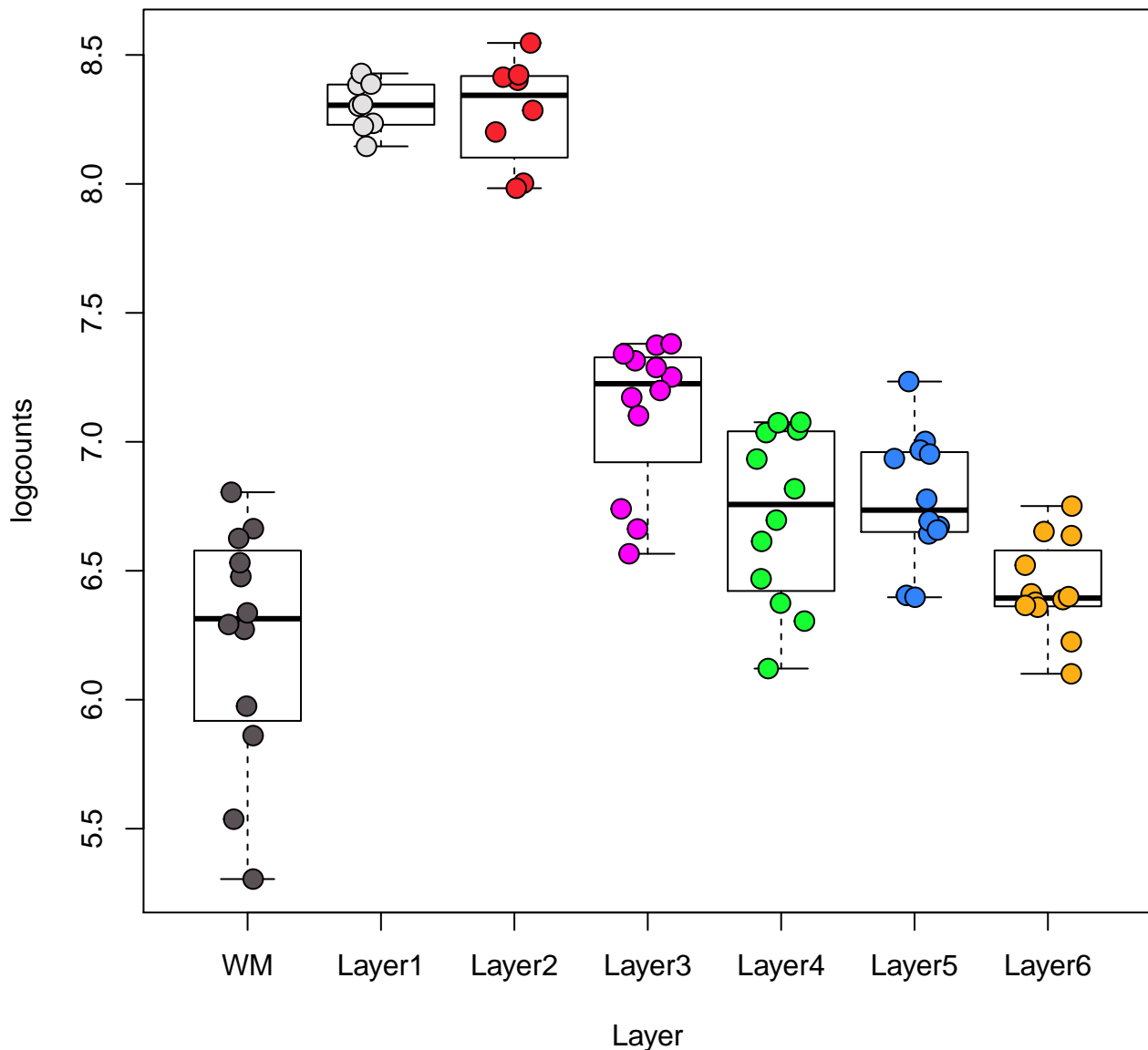
L2-L6\_r4;L3-L5\_r8;L3-L6\_r2;L4-L5\_r1;L4-L6\_r4;L2-WM\_r4;L3-WM\_r2



# CNR1 ENSG00000118432 Layer2-Layer6

tstat 1.45e+01 p 5.66e-23

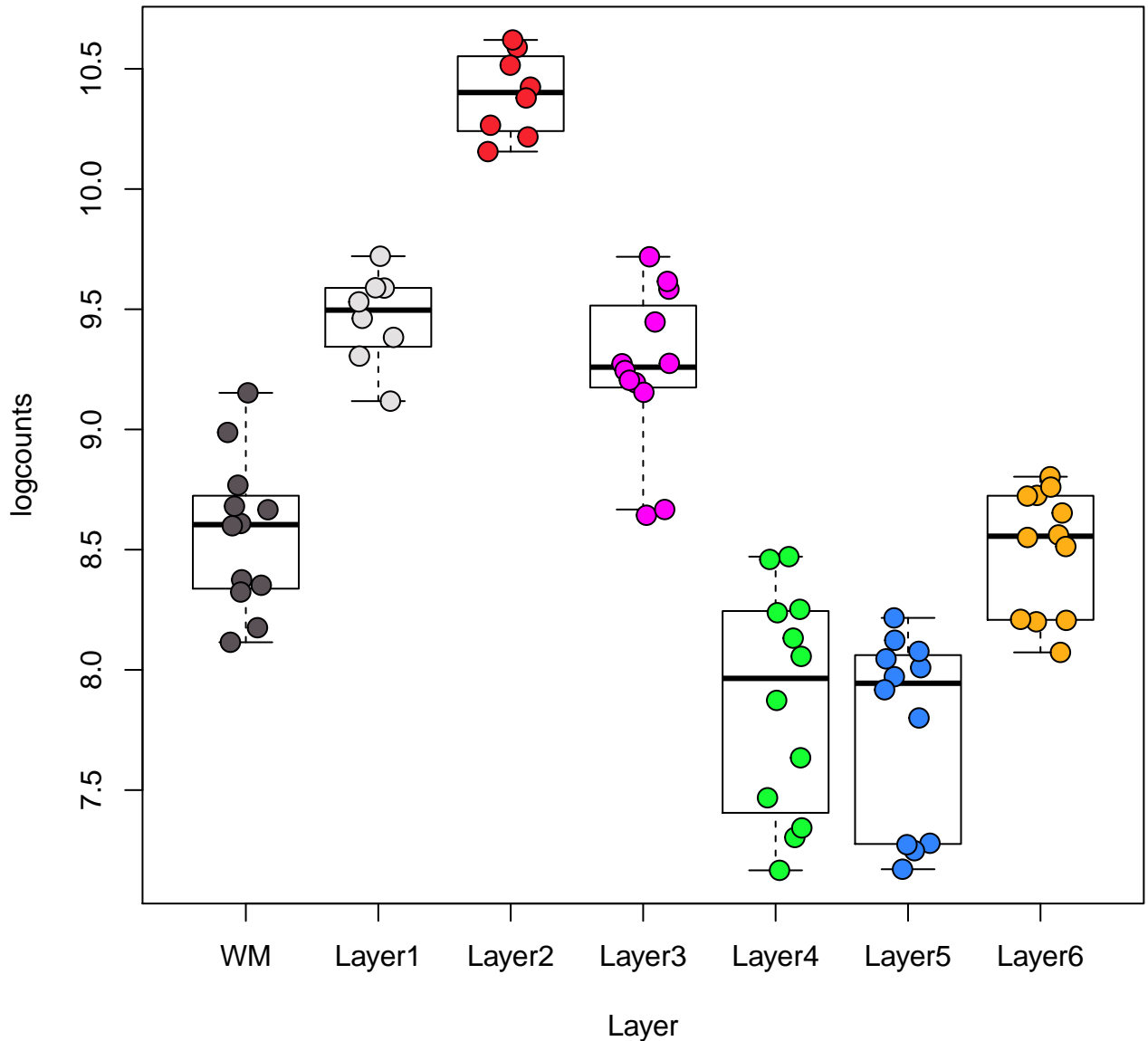
L1-L6\_r3;L2-L3\_r5;L2-L4\_r9;L2-L6\_r5;L1-WM\_r1;L2-WM\_r9



# HPCAL1 ENSG00000115756 Layer2-Layer6

tstat 1.33e+01 p 5.34e-21

L2-L3\_r8;L2-L4\_r2;L2-L5\_r3;L2-L6\_r6;L3-L4\_r4;L3-L5\_r5

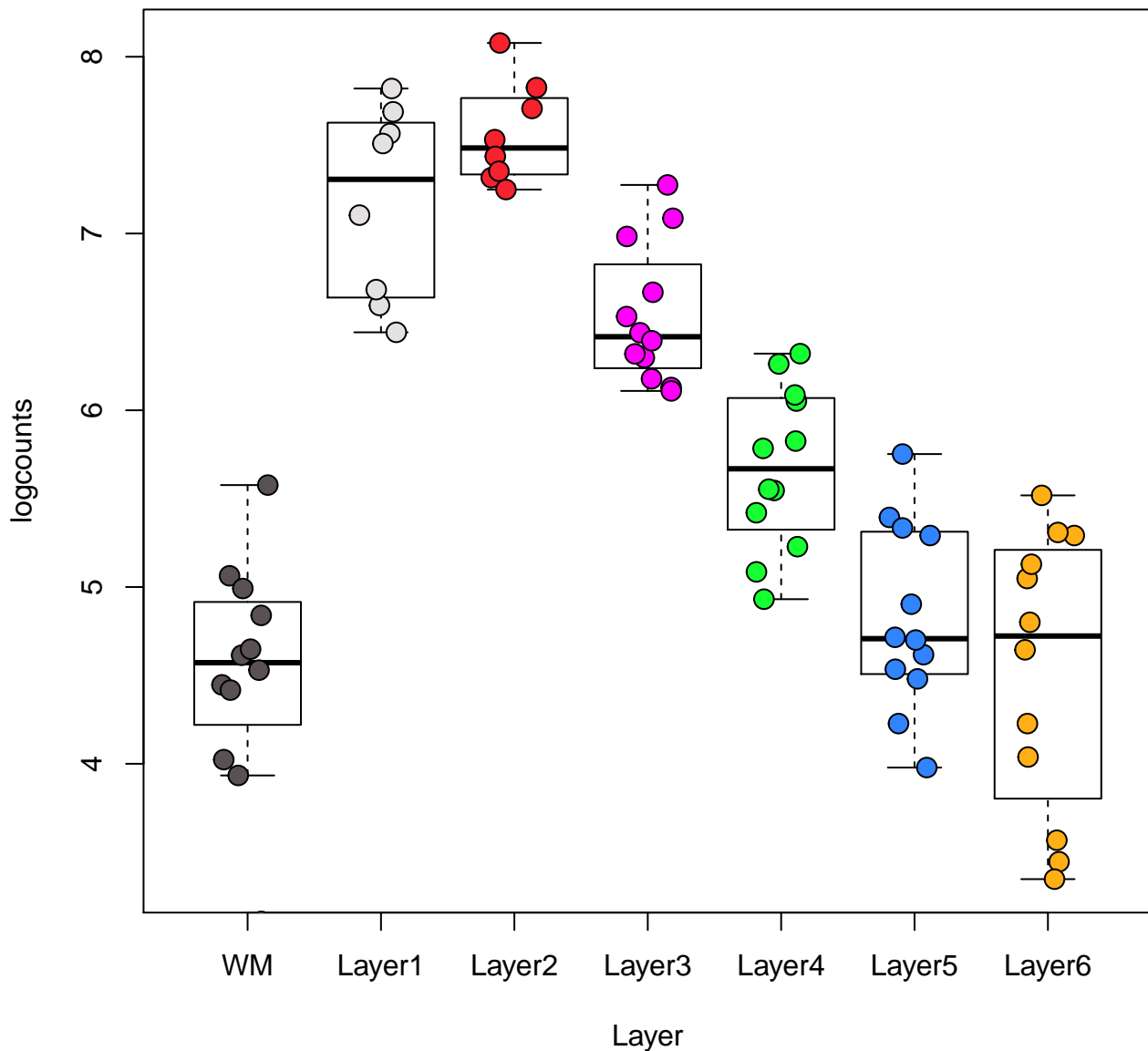




# CALB2 ENSG00000172137 Layer2-Layer6

tstat 1.33e+01 p 5.63e-21

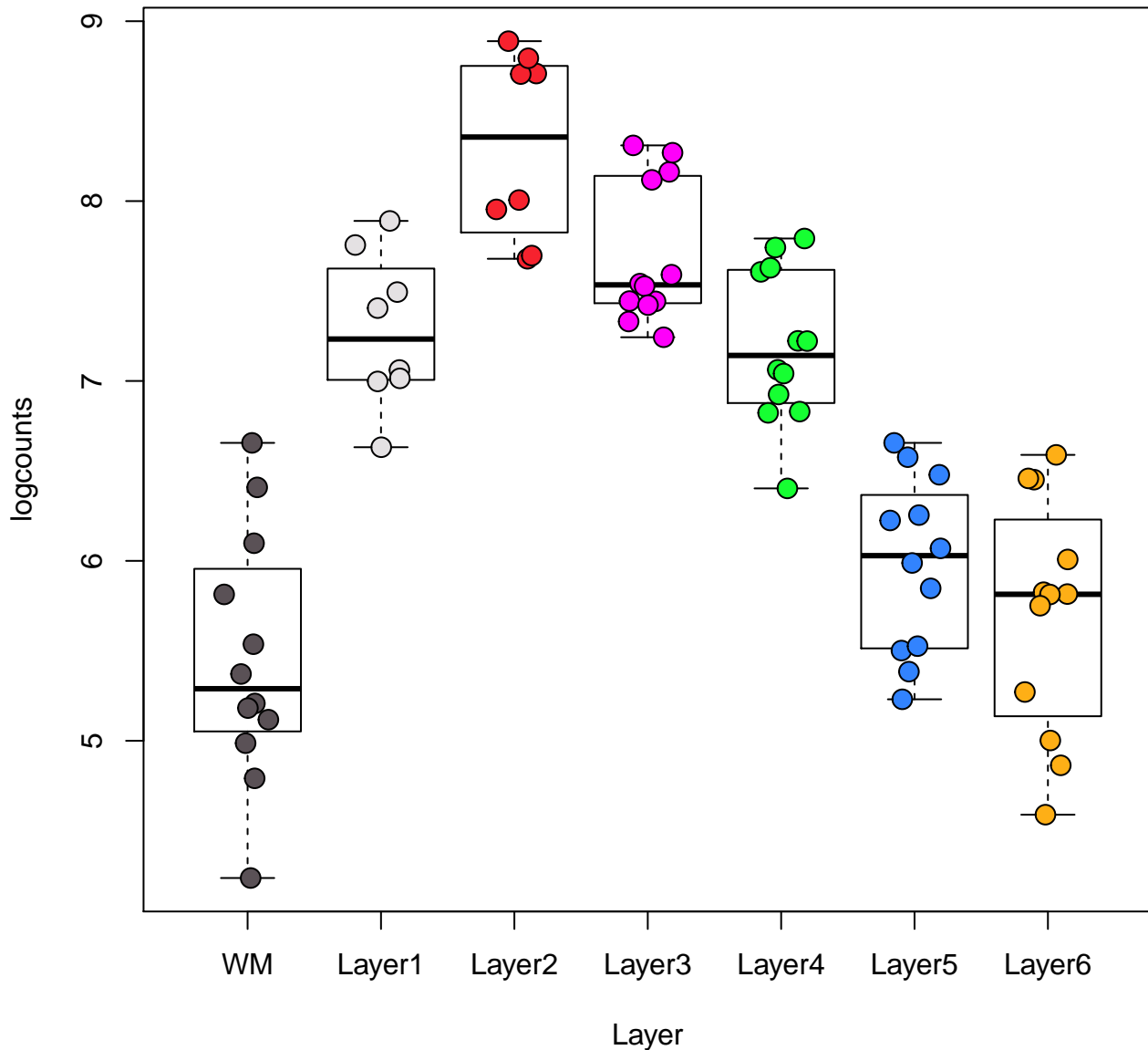
L2-L6\_r7



# PCDH8 ENSG00000136099 Layer2-Layer6

tstat 1.29e+01 p 2.91e-20

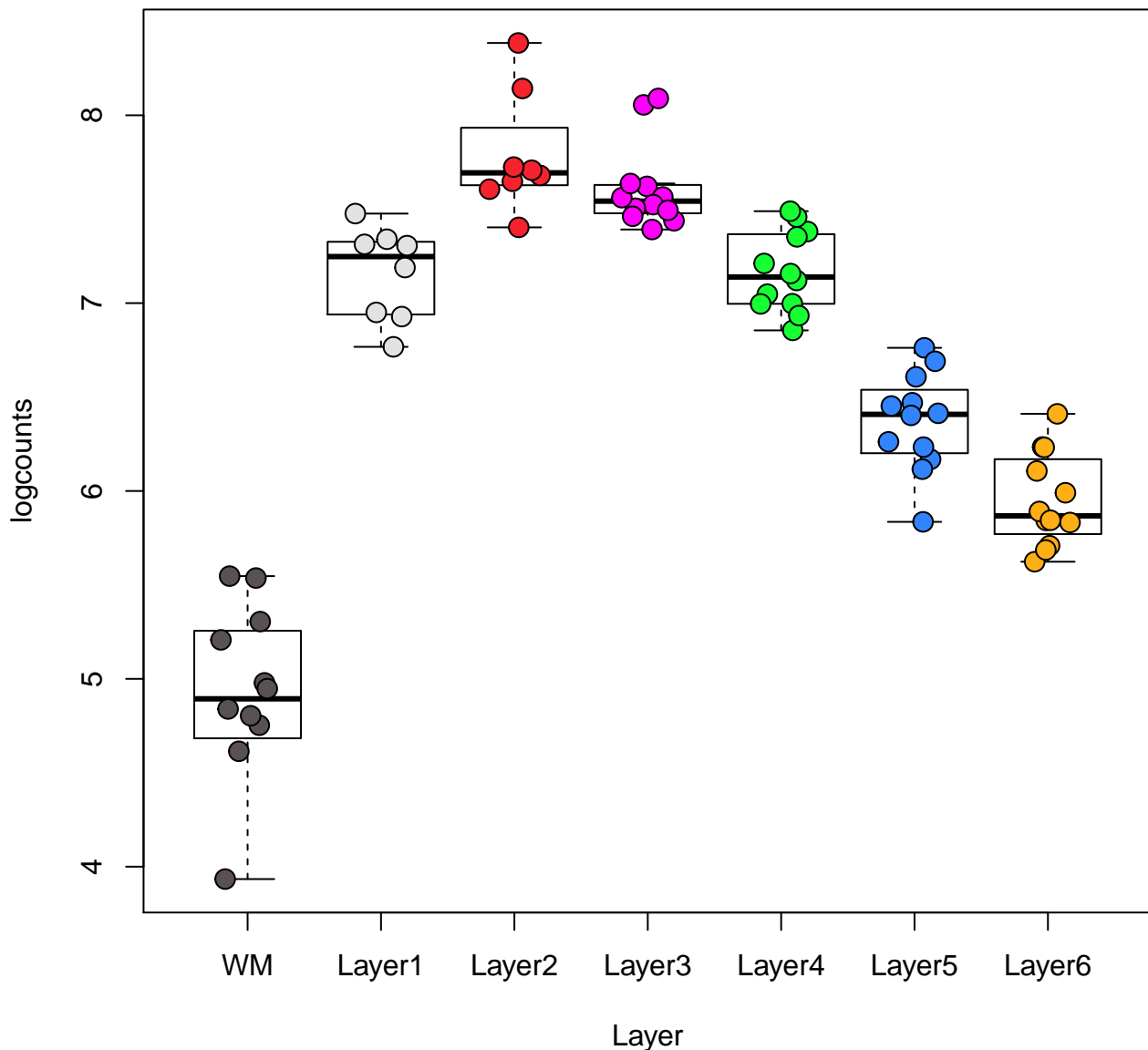
L2-L6\_r8;L3-L6\_r7;L4-L5\_r3



# CBLN4 ENSG00000054803 Layer2-Layer6

tstat 1.25e+01 p 1.42e-19

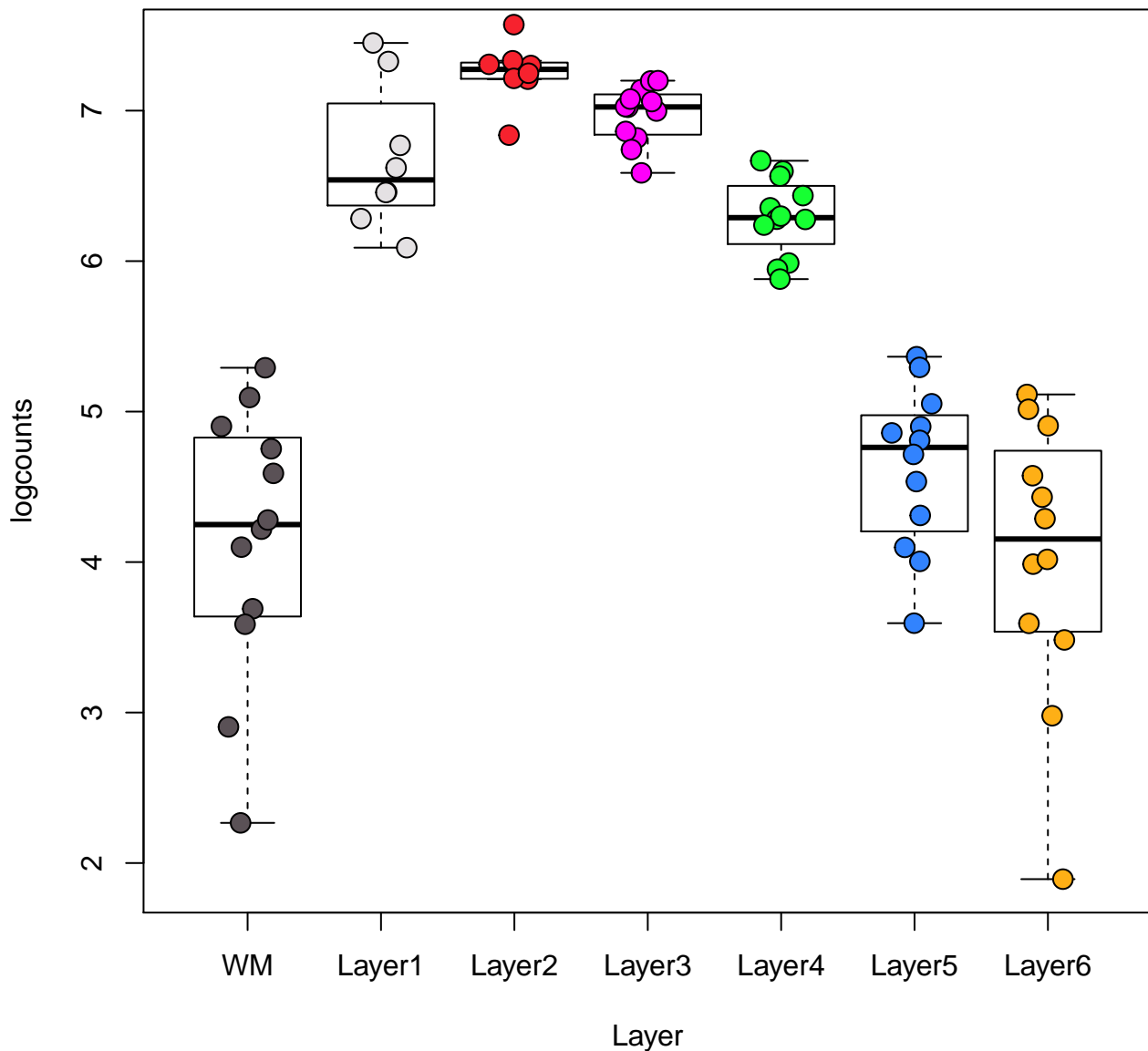
L2-L6\_r9;L3-L6\_r4;L1-WM\_r3;L2-WM\_r2;L3-WM\_r1;L4-WM\_r3



# CUX2 ENSG00000111249 Layer2-Layer6

tstat 1.22e+01 p 3.75e-19

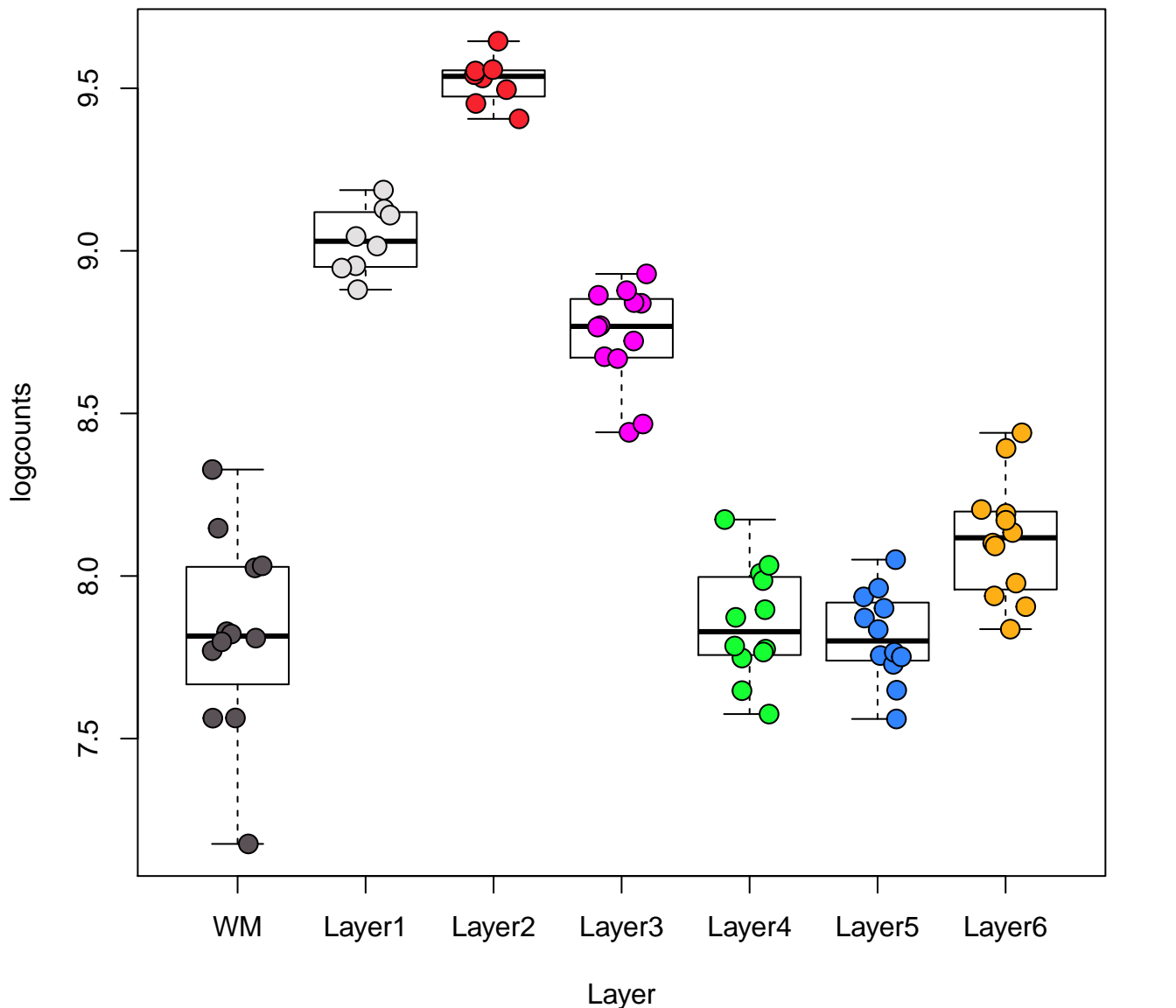
L2-L6\_r10;L3-L6\_r3;L4-L5\_r2



# SERPINE2 ENSG00000135919 Layer3-Layer4

tstat 1.19e+01 p 1.16e-18

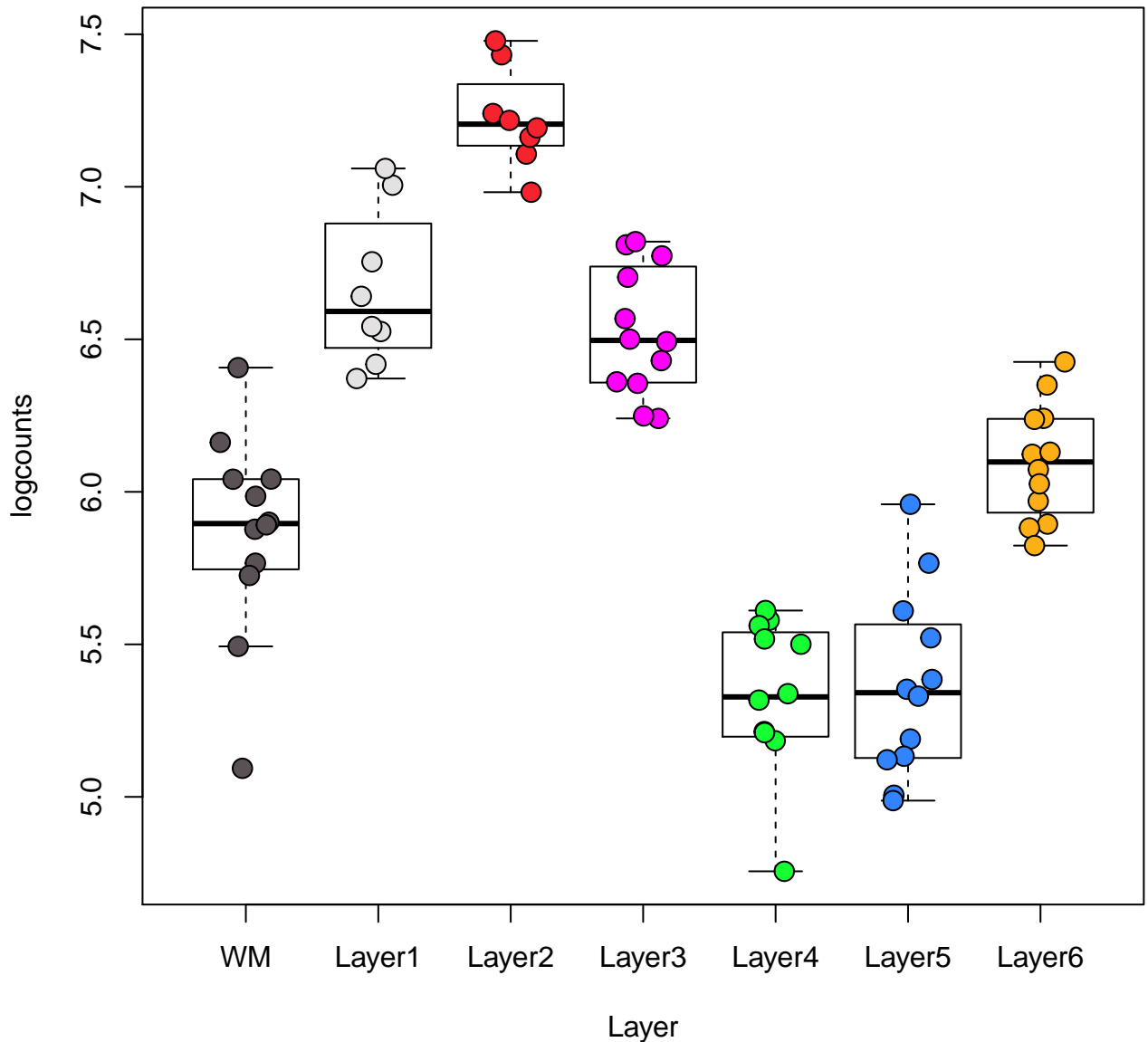
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



PDZD2 ENSG00000133401 Layer3-Layer4

tstat 1.15e+01 p 7.74e-18

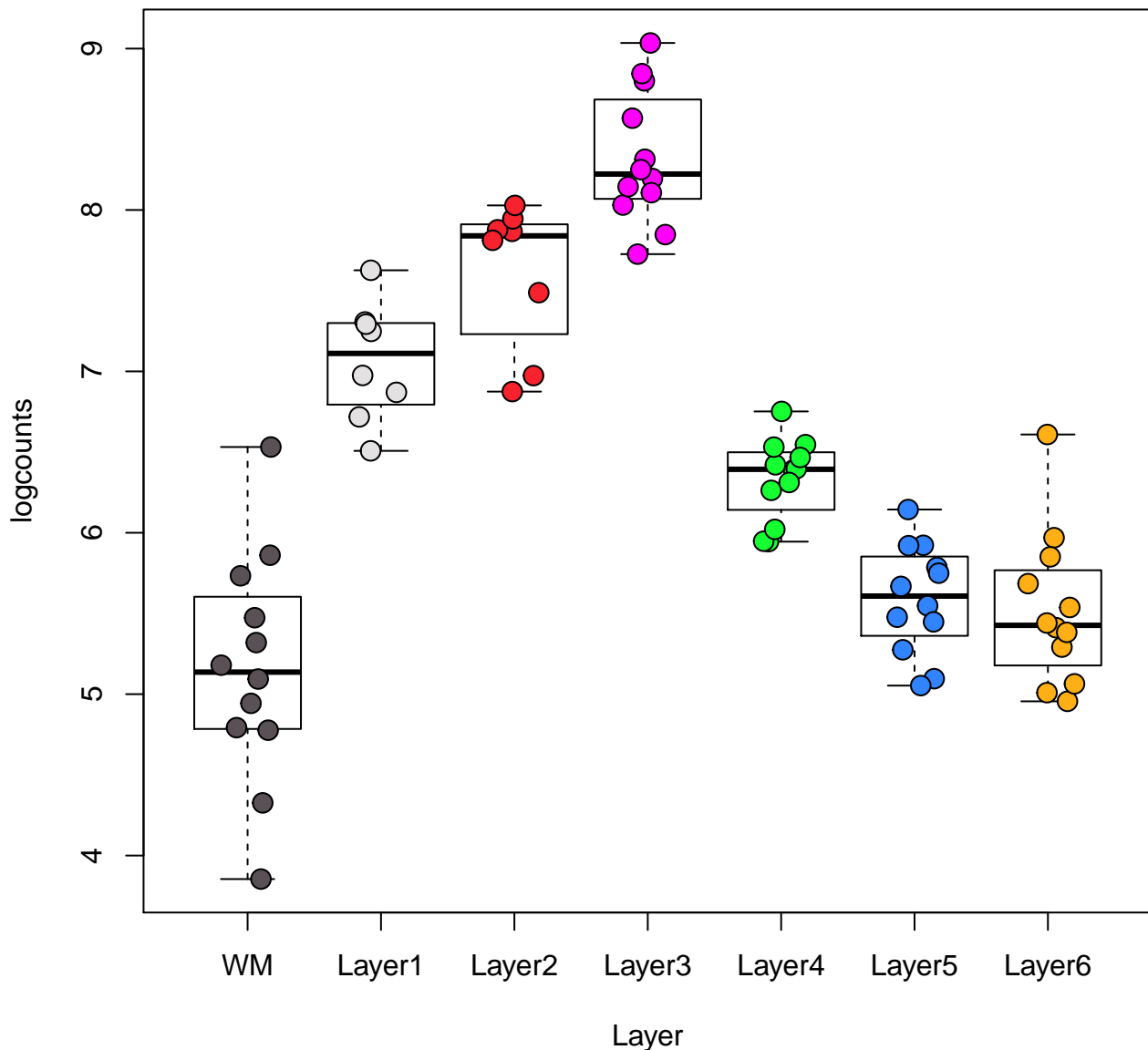
L2-L4\_r5;L2-L5\_r7;L3-L4\_r2



**CARTPT ENSG00000164326 Layer3-Layer4**

**tstat 1.14e+01 p 1.06e-17**

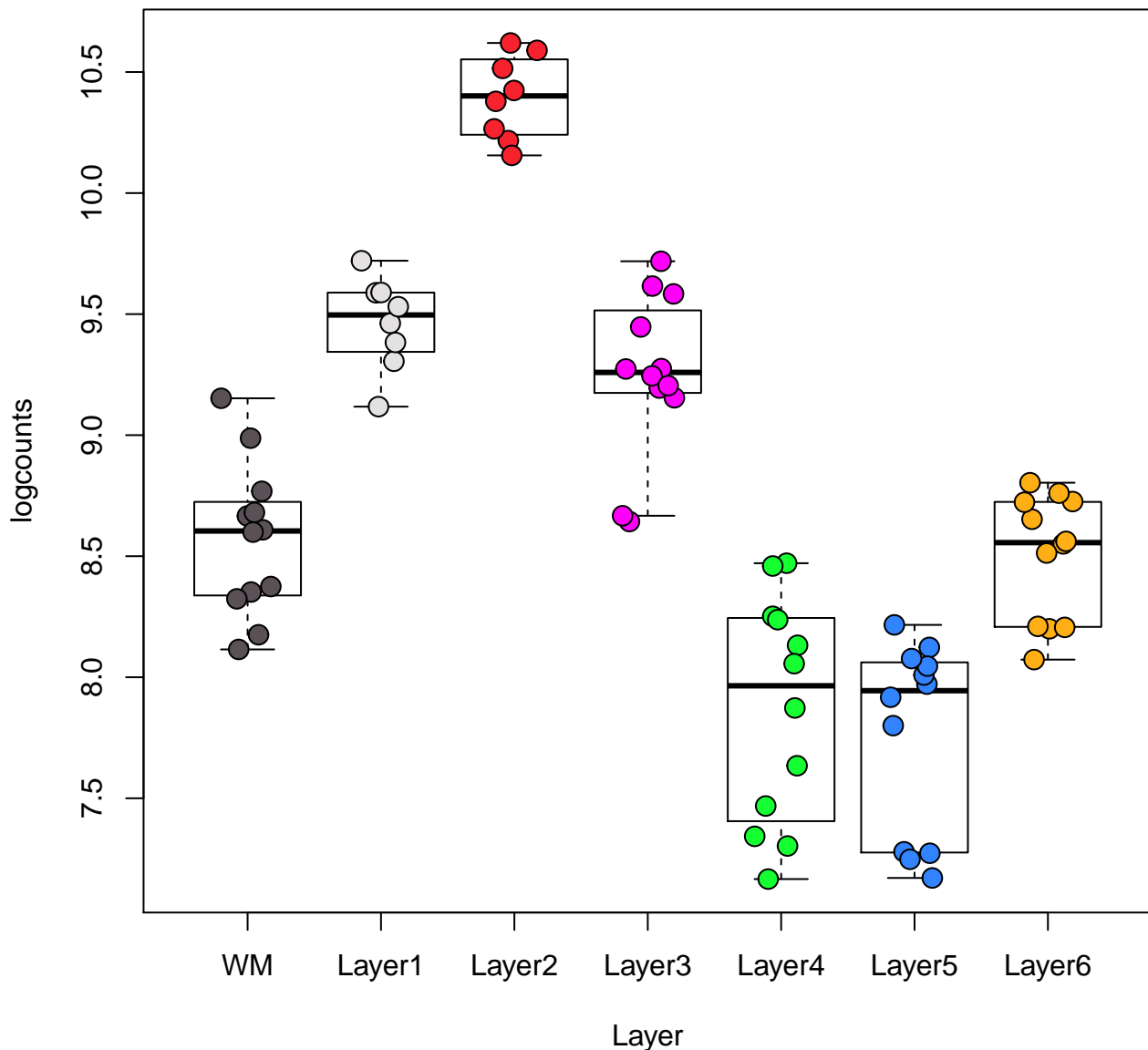
**L3\_r1;L3-L4\_r3;L3-L5\_r1;L3-L6\_r1;L3-WM\_r3**



# HPCAL1 ENSG00000115756 Layer3-Layer4

tstat 1.14e+01 p 1.14e-17

L2-L3\_r8;L2-L4\_r2;L2-L5\_r3;L2-L6\_r6;L3-L4\_r4;L3-L5\_r5

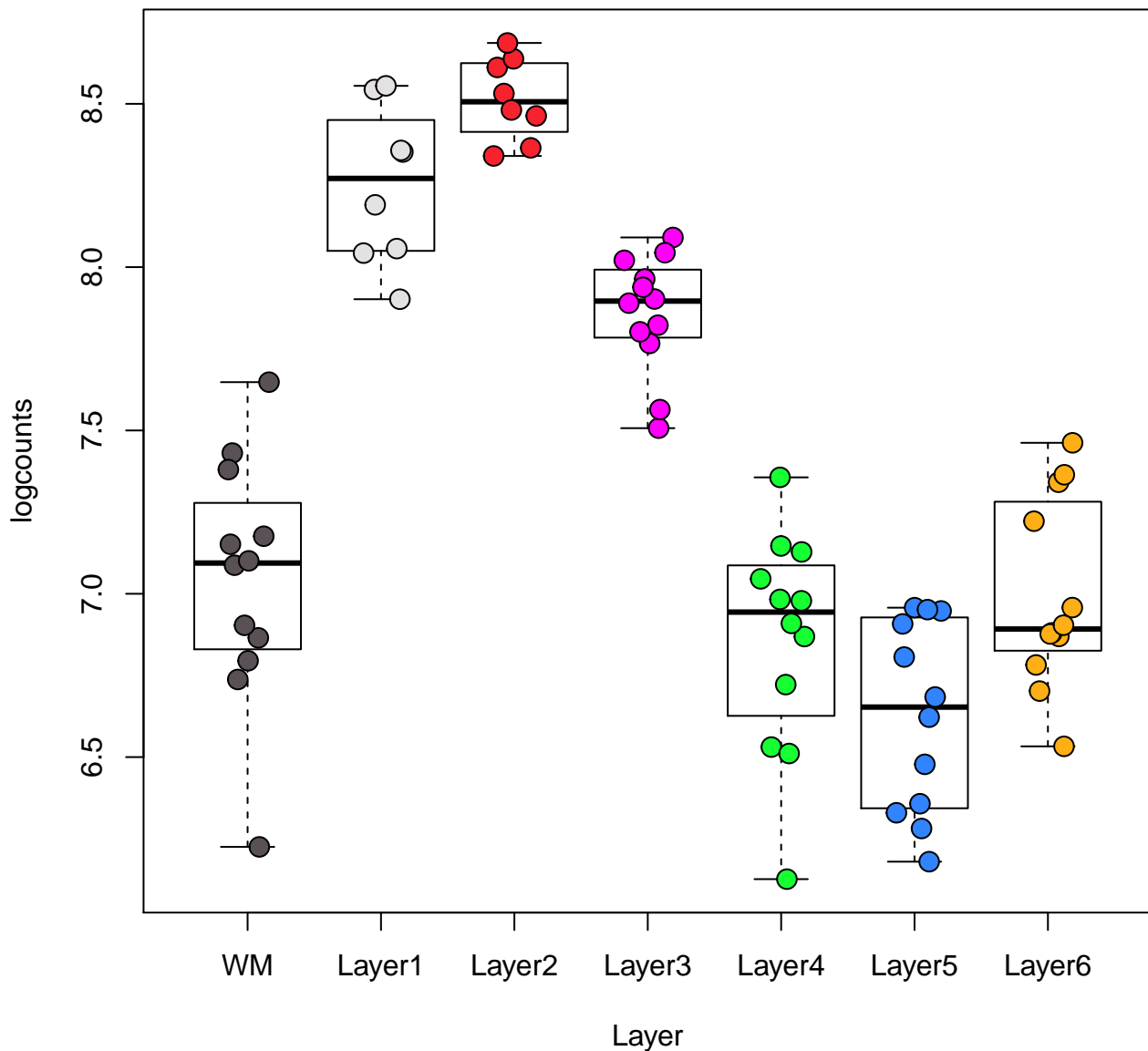




**SOWAHA ENSG00000198944 Layer3-Layer4**

**tstat 9.17e+00 p 1.08e-13**

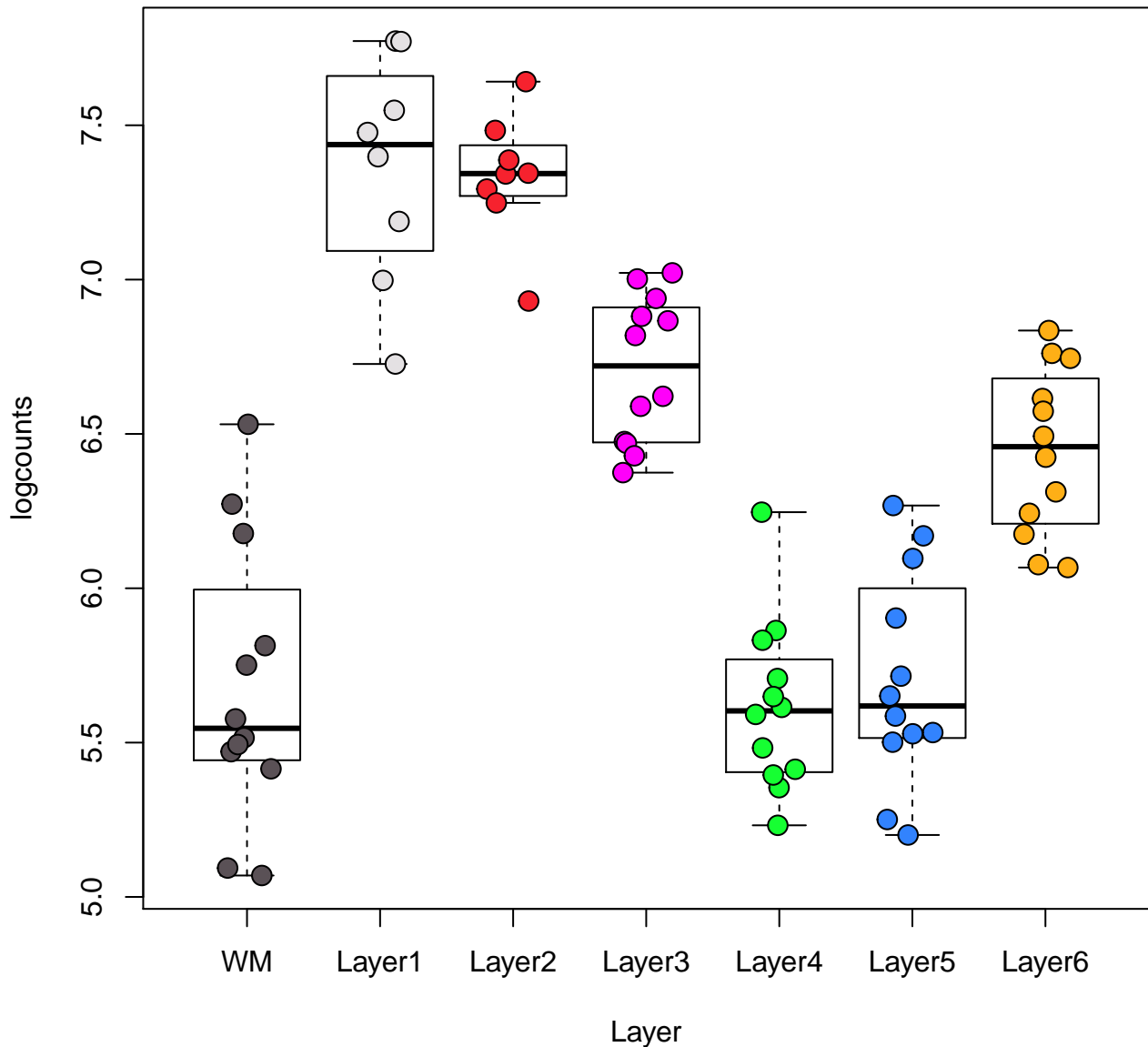
**L1-L5\_r9;L2-L4\_r7;L2-L5\_r6;L3-L4\_r5;L3-L5\_r9**



# CRLF1 ENSG00000006016 Layer3-Layer4

tstat 9.03e+00 p 1.93e-13

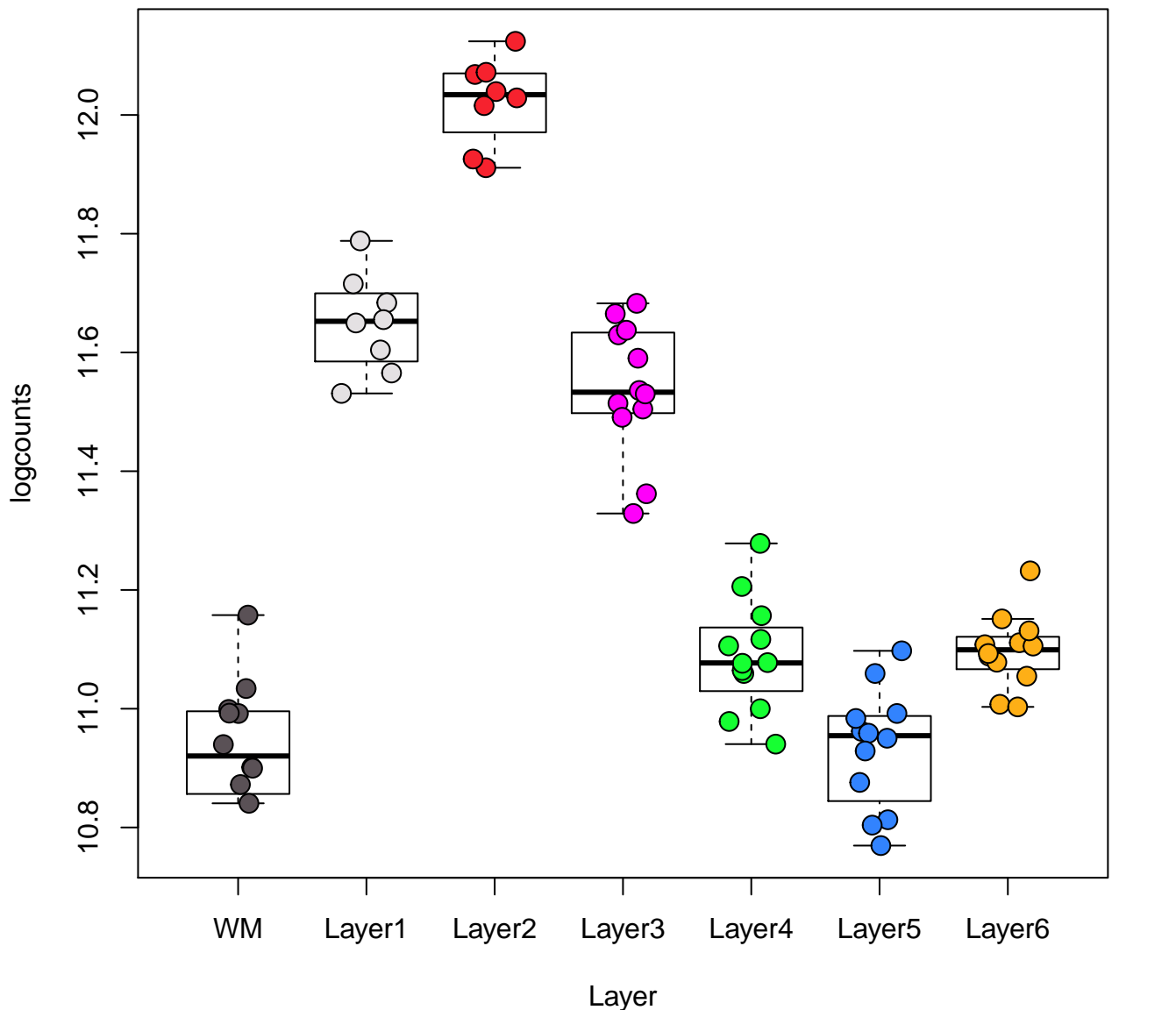
L2-L4\_r8;L3-L4\_r6



# CAMK2N1 ENSG00000162545 Layer3-Layer4

tstat 9.02e+00 p 2.06e-13

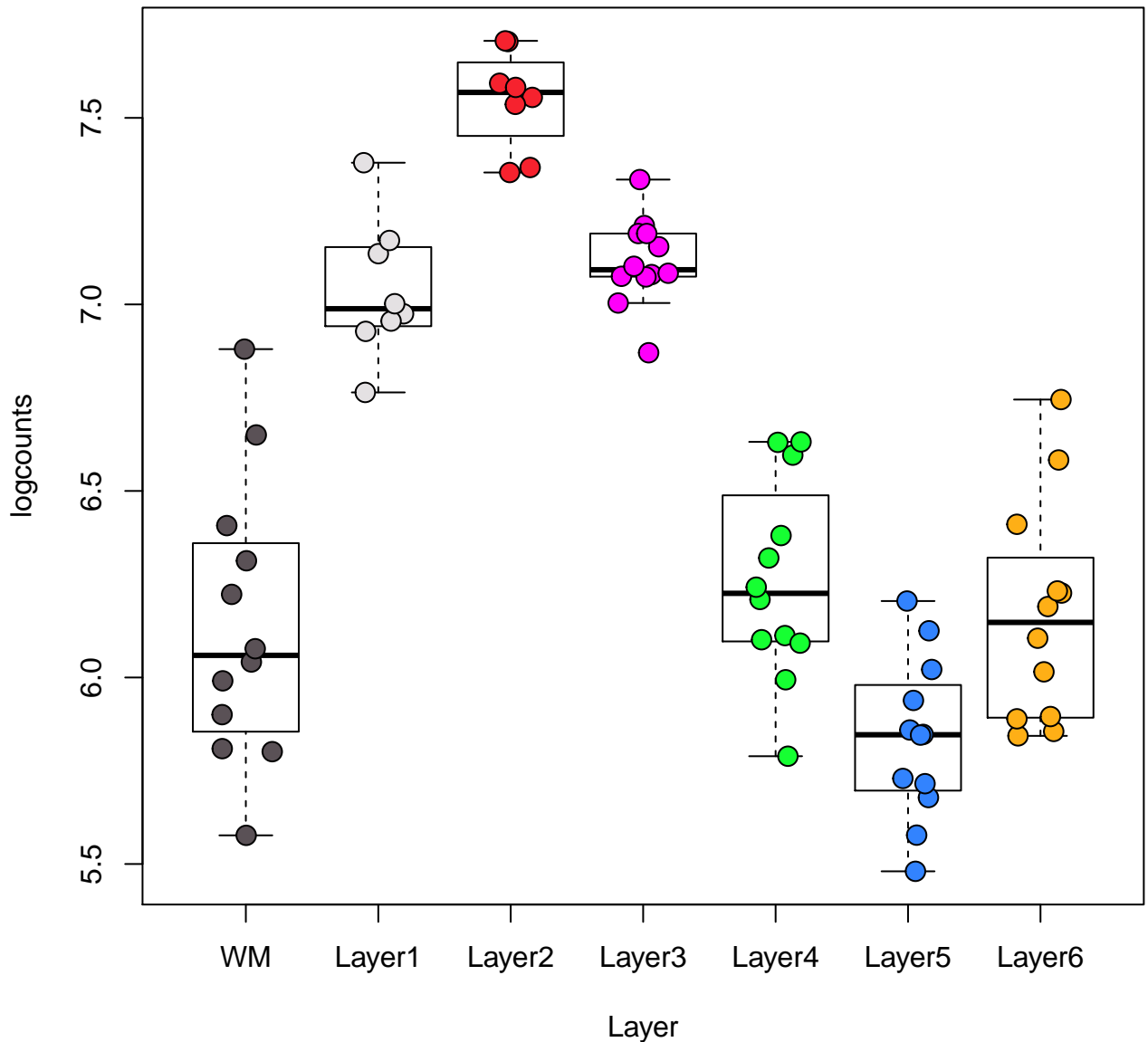
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# RCN1 ENSG00000049449 Layer3-Layer4

tstat 8.31e+00 p 4.24e-12

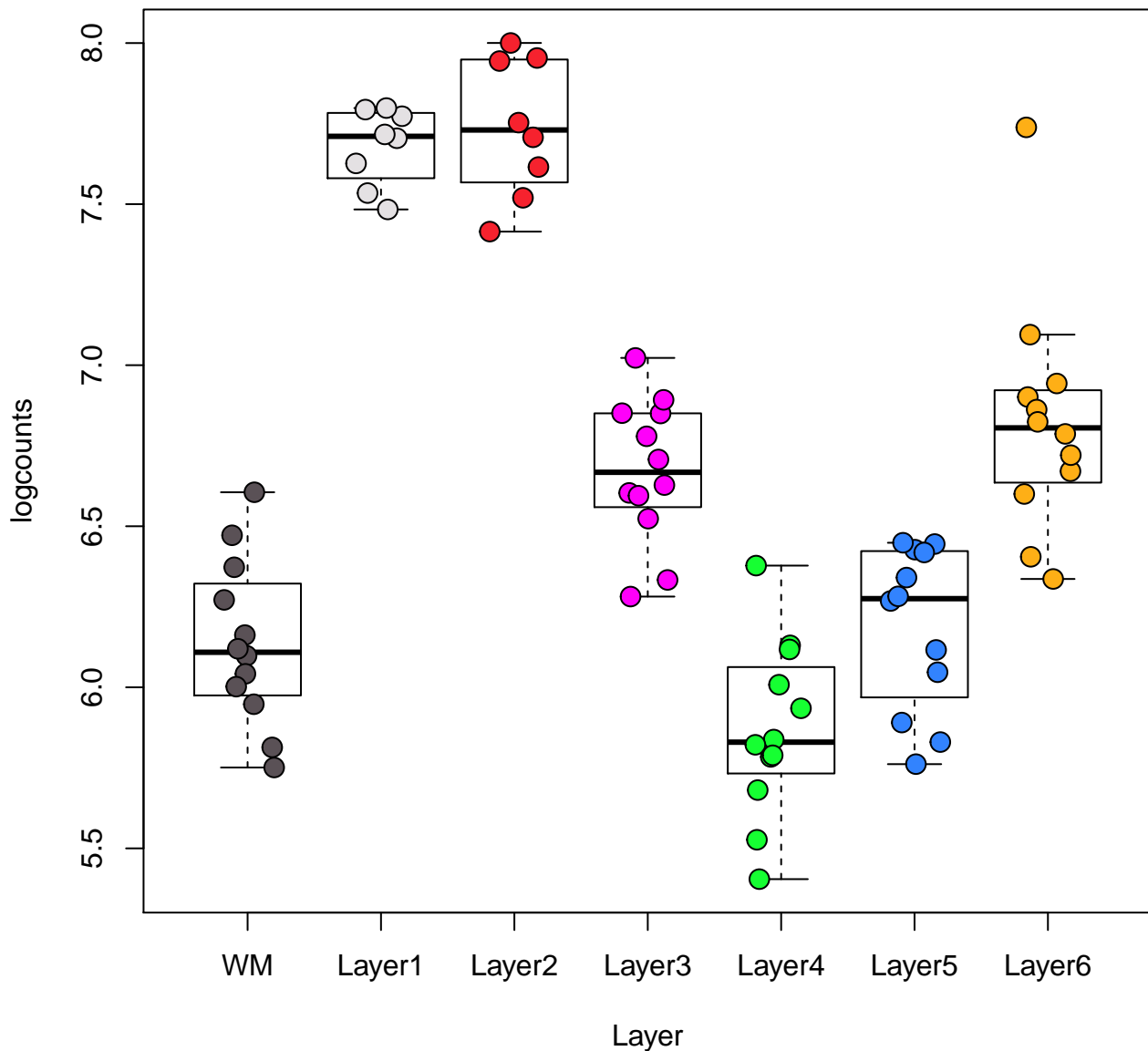
L2-L5\_r8;L3-L4\_r8;L3-L5\_r3



# RGS12 ENSG00000159788 Layer3-Layer4

tstat 7.97e+00 p 1.81e-11

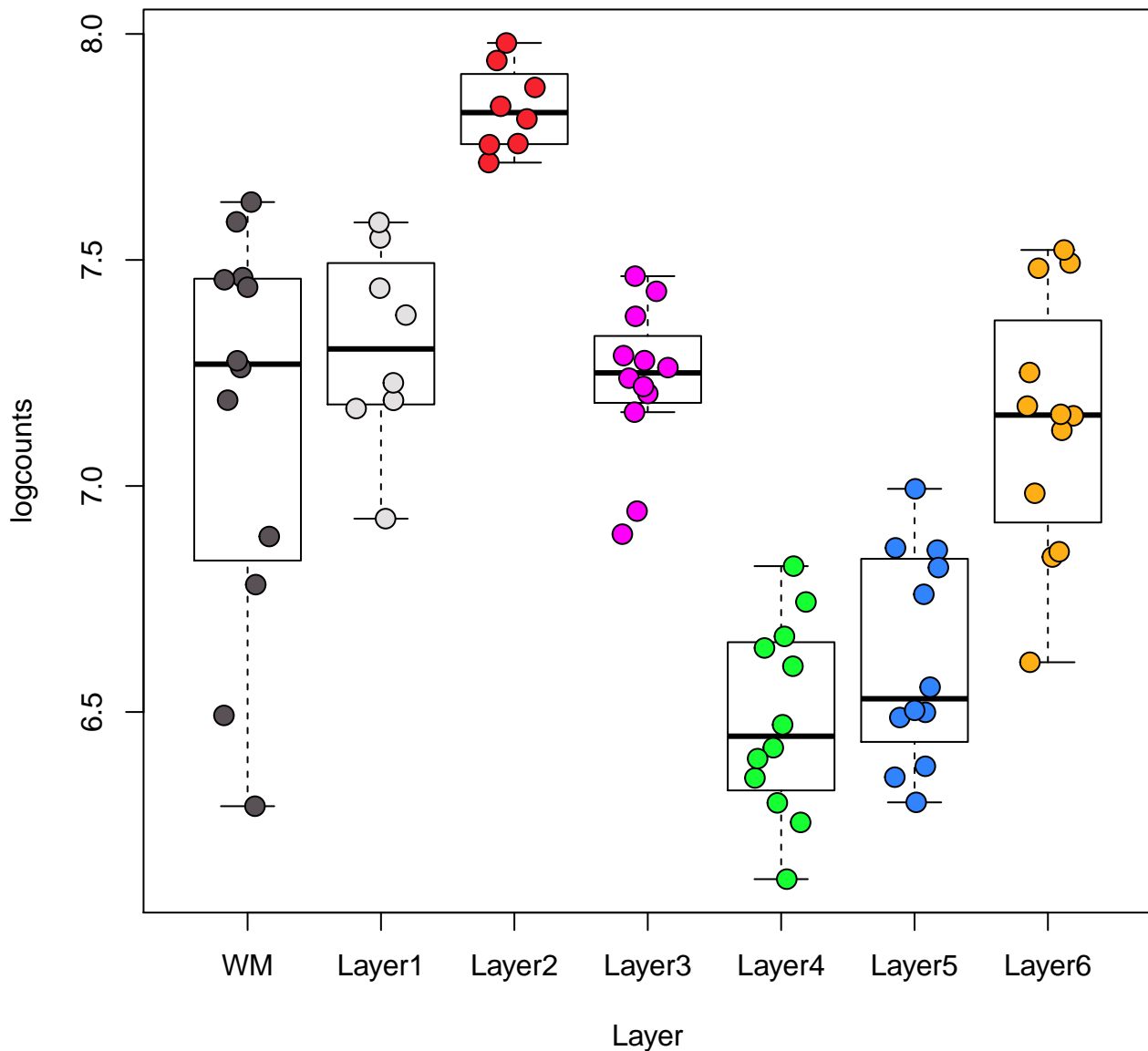
L1-L4\_r4;L2-L3\_r4;L2-L4\_r4;L3-L4\_r9



# JUN ENSG00000177606 Layer3-Layer4

tstat 7.73e+00 p 5.14e-11

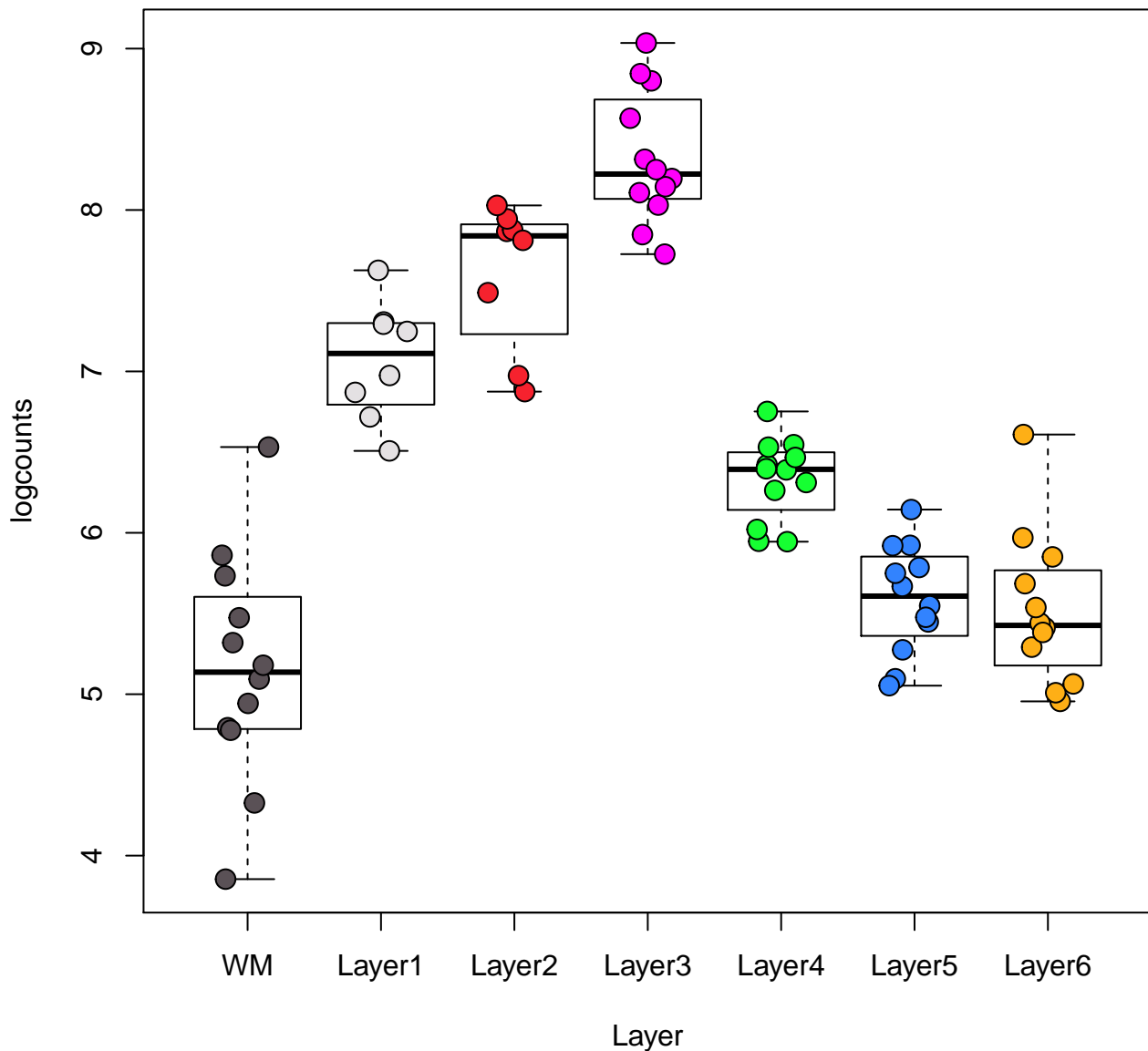
L2-L4\_r10;L3-L4\_r10



**CARTPT ENSG00000164326 Layer3-Layer5**

**tstat 1.56e+01 p 9.70e-25**

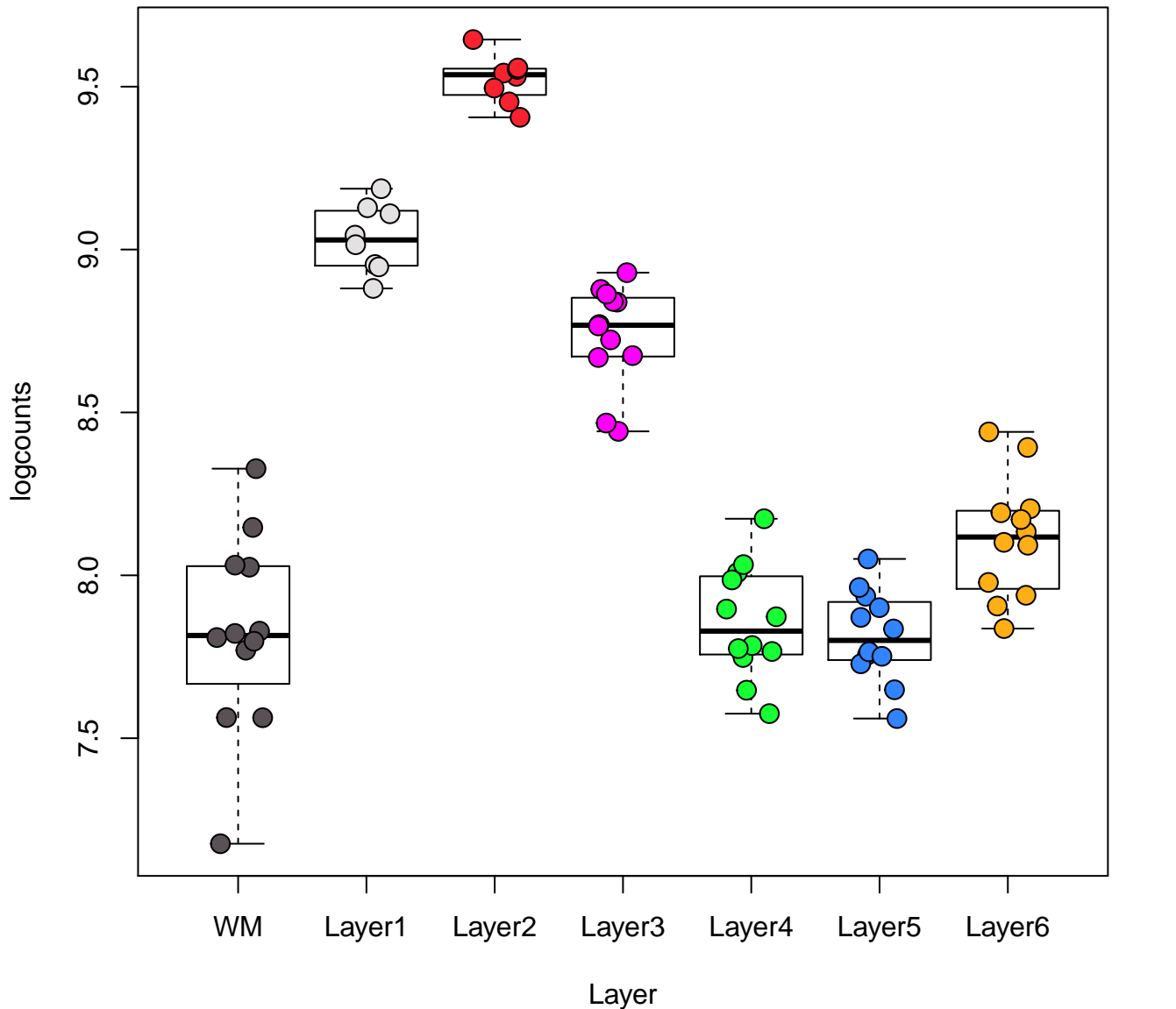
**L3\_r1;L3-L4\_r3;L3-L5\_r1;L3-L6\_r1;L3-WM\_r3**



# SERPINE2 ENSG00000135919 Layer3-Layer5

tstat 1.25e+01 p 1.23e-19

r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-

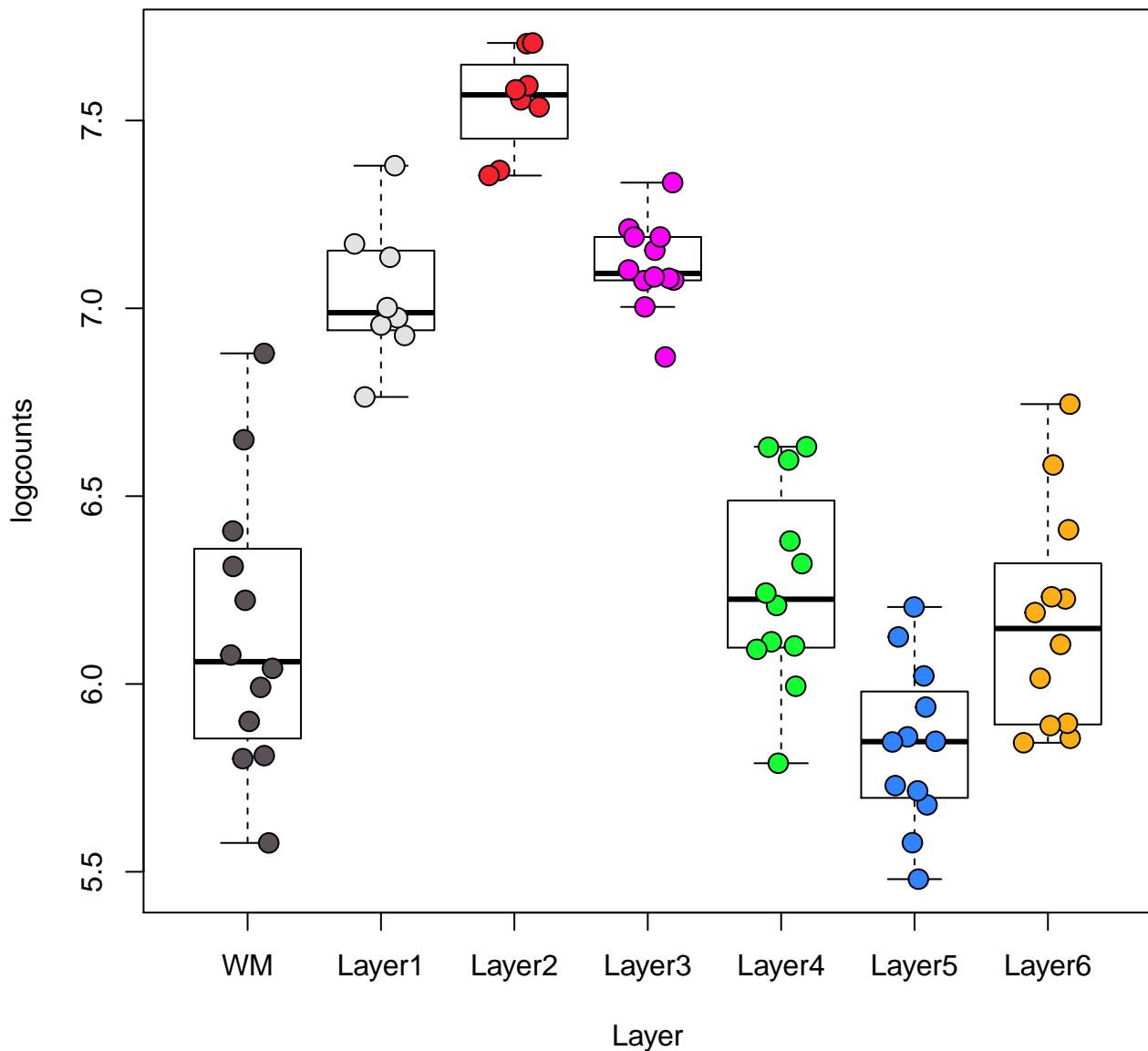




# RCN1 ENSG00000049449 Layer3-Layer5

tstat 1.24e+01 p 1.63e-19

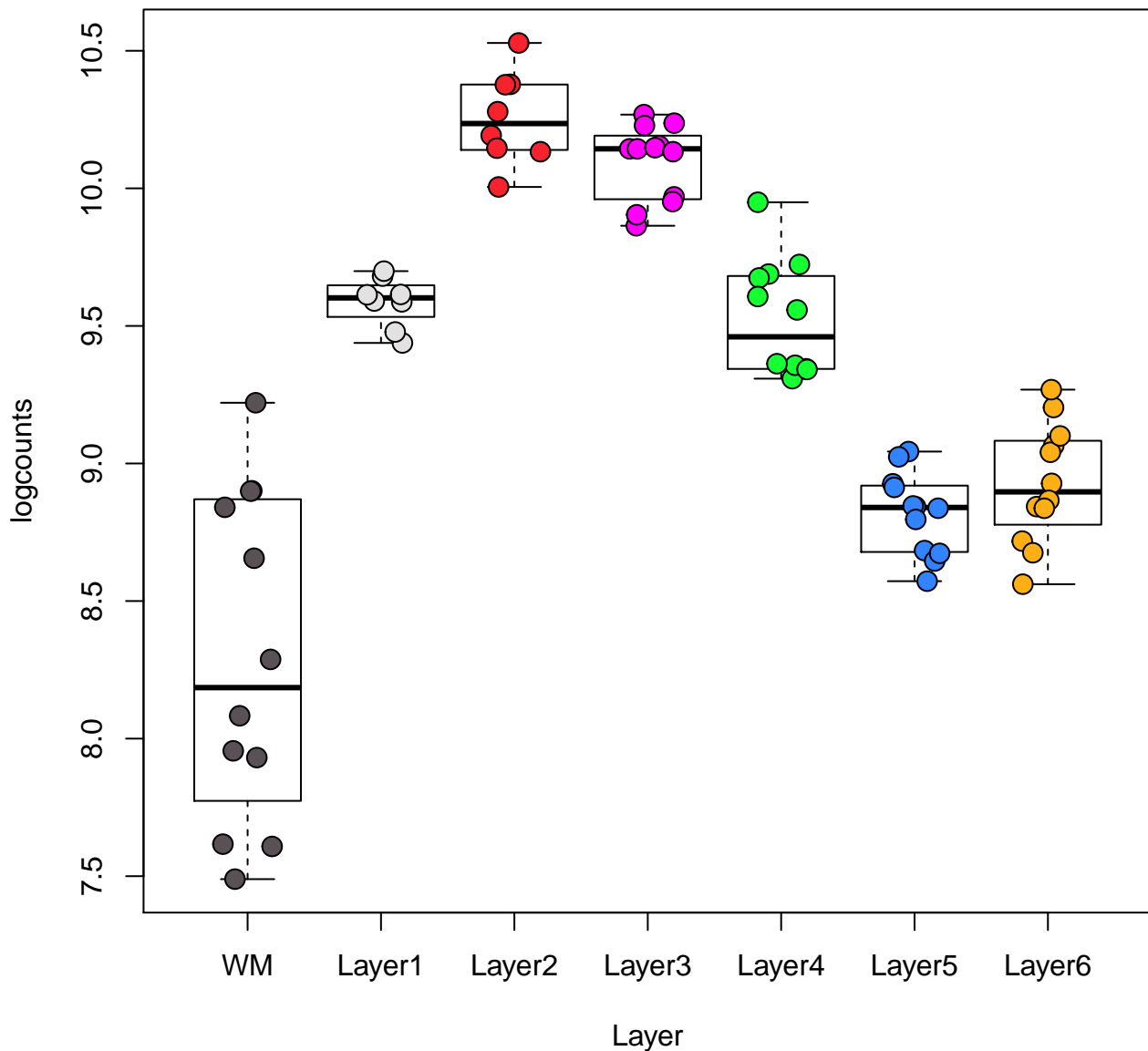
L2-L5\_r8;L3-L4\_r8;L3-L5\_r3



# HOPX ENSG00000171476 Layer3-Layer5

tstat 1.24e+01 p 2.02e-19

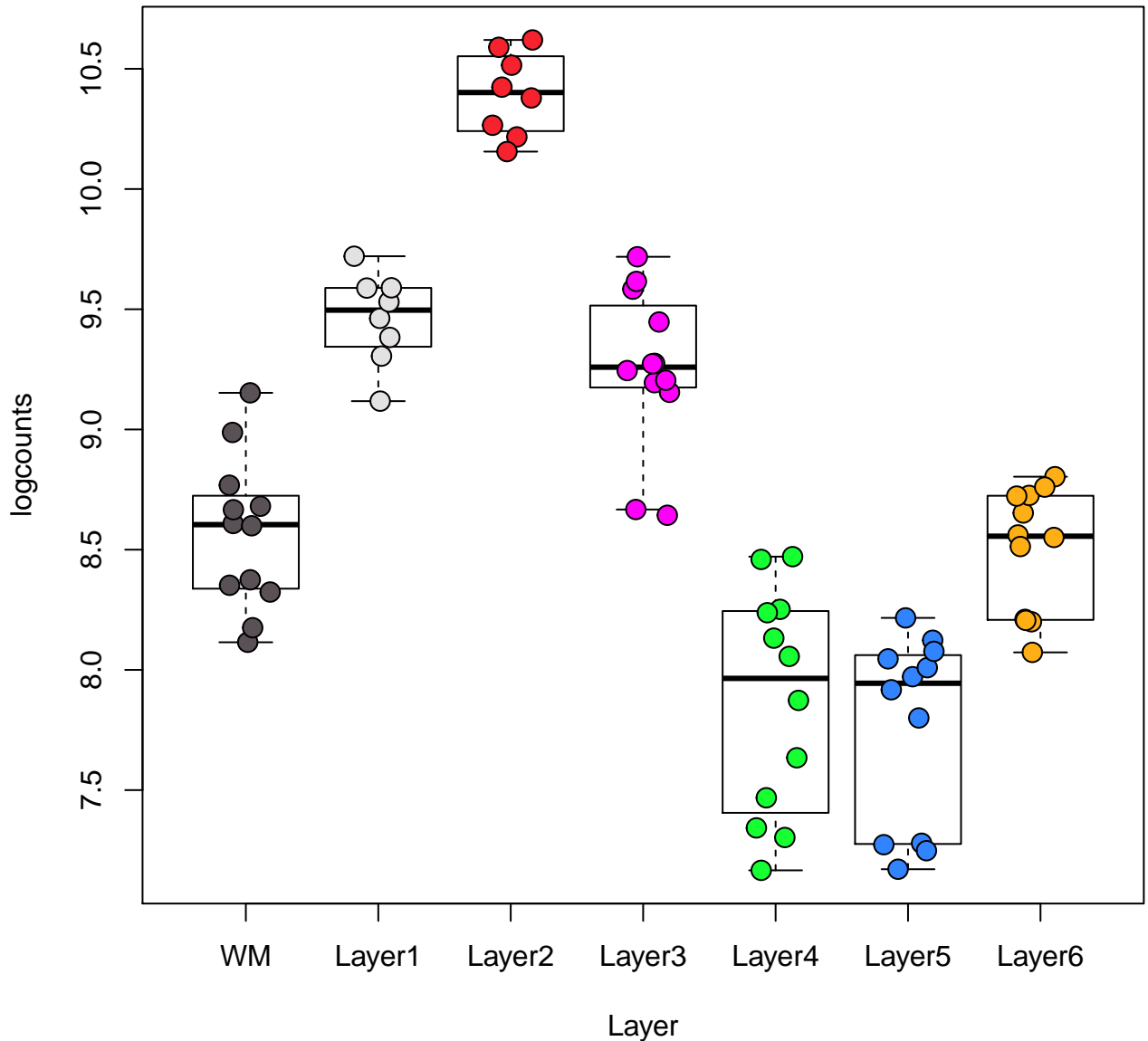
L3-L5\_r4;L3-L6\_r8;L4-L5\_r6;L2-WM\_r5;L3-WM\_r4



# HPCAL1 ENSG00000115756 Layer3-Layer5

tstat 1.22e+01 p 3.49e-19

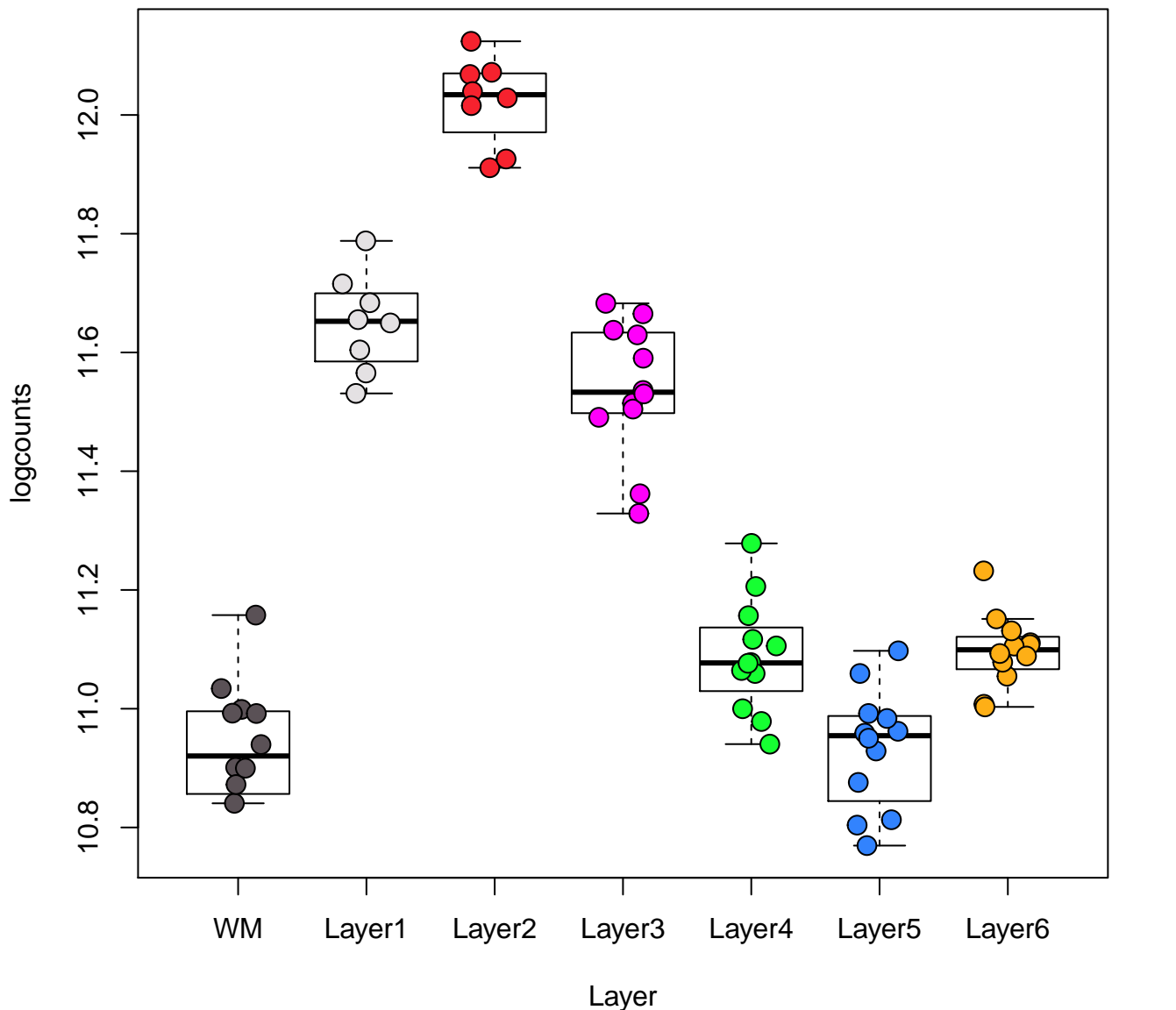
L2-L3\_r8;L2-L4\_r2;L2-L5\_r3;L2-L6\_r6;L3-L4\_r4;L3-L5\_r5



# CAMK2N1 ENSG00000162545 Layer3-Layer5

tstat 1.21e+01 p 5.16e-19

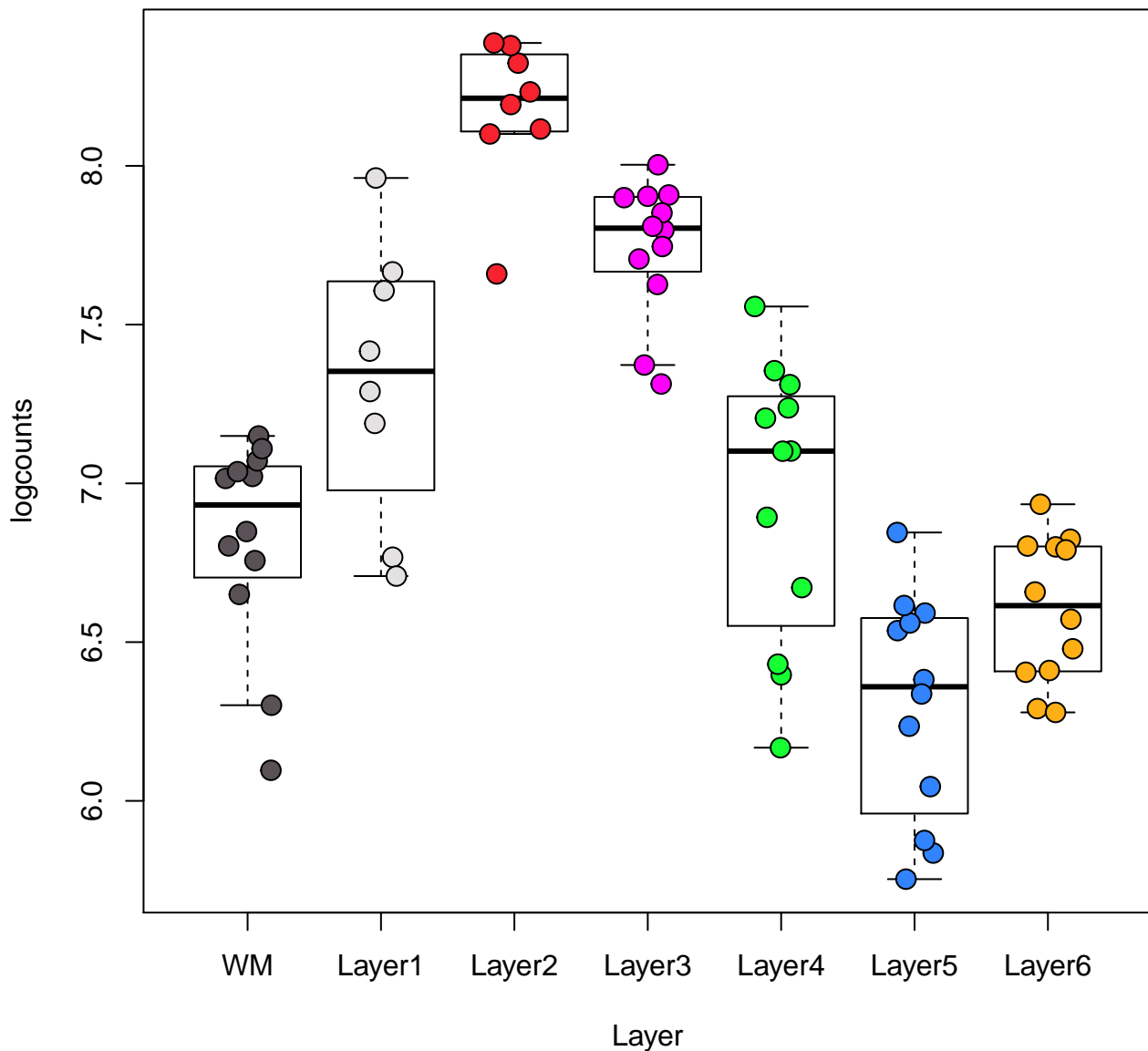
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# RASGRF2 ENSG00000113319 Layer3-Layer5

tstat 1.21e+01 p 6.56e-19

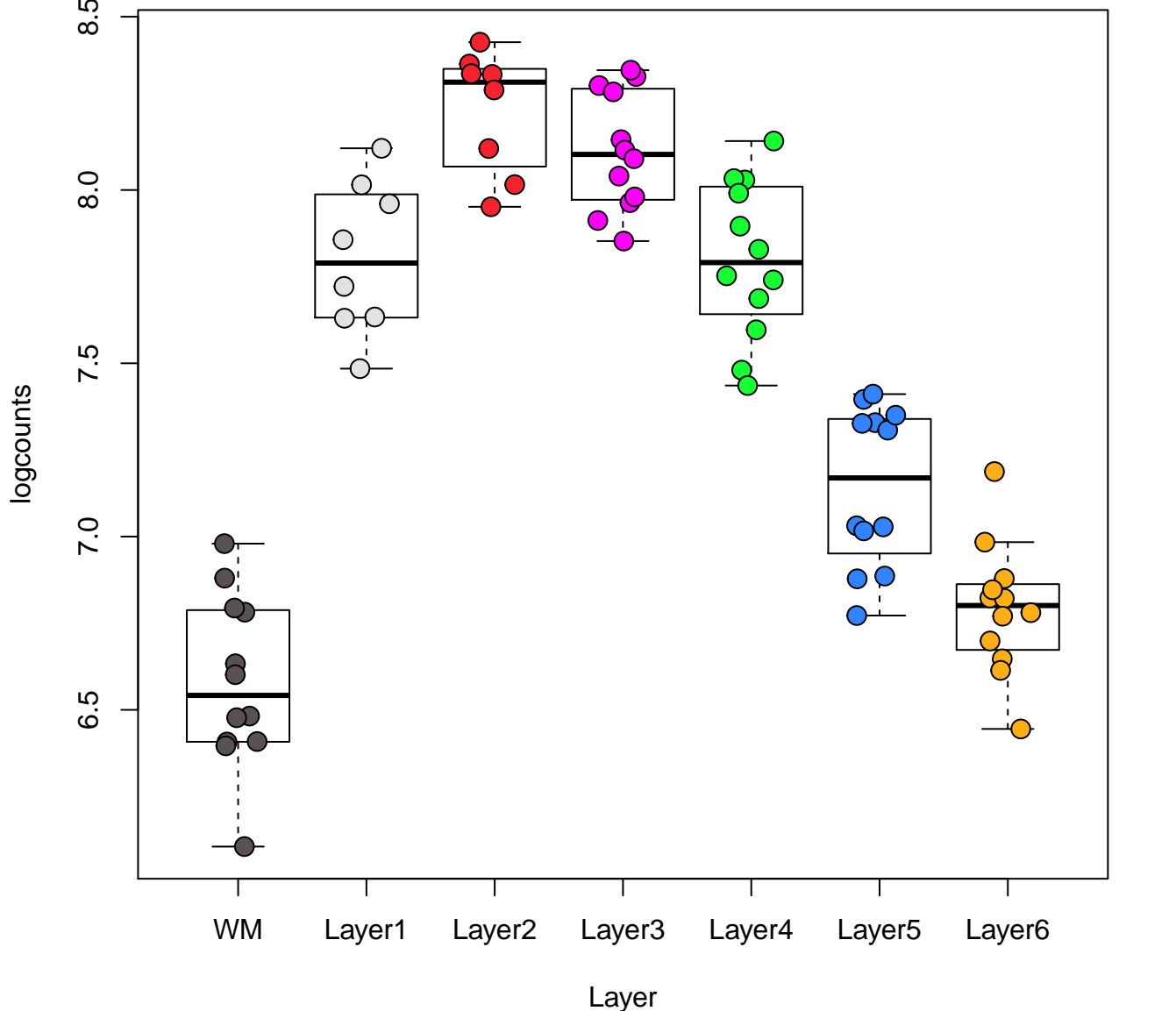
L2-L5\_r10;L3-L5\_r7



# VSTM2A ENSG00000170419 Layer3-Layer5

tstat 1.17e+01 p 2.80e-18

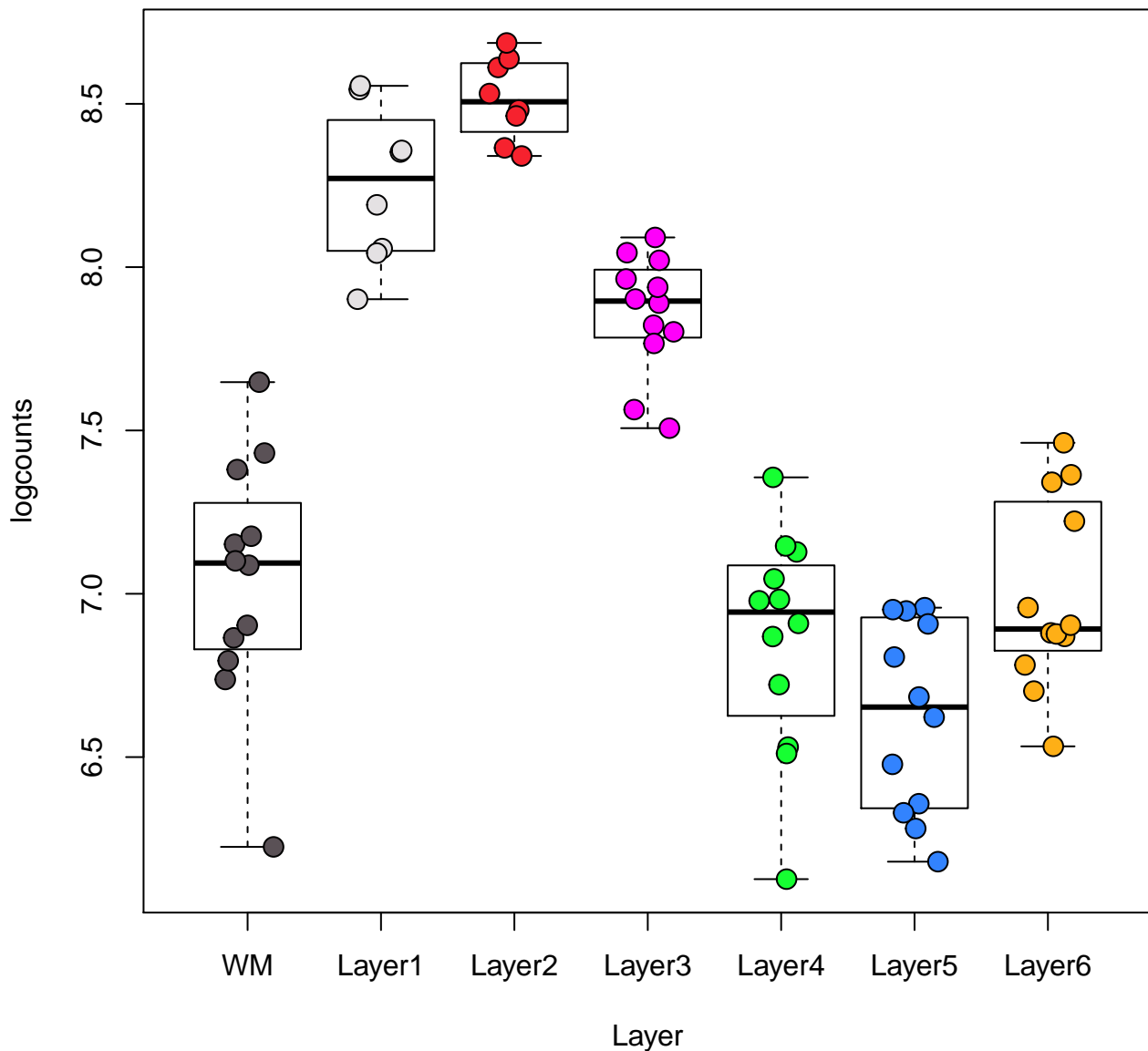
L2-L6\_r4;L3-L5\_r8;L3-L6\_r2;L4-L5\_r1;L4-L6\_r4;L2-WM\_r4;L3-WM\_r2



# SOWAHA ENSG00000198944 Layer3-Layer5

tstat 1.13e+01 p 1.39e-17

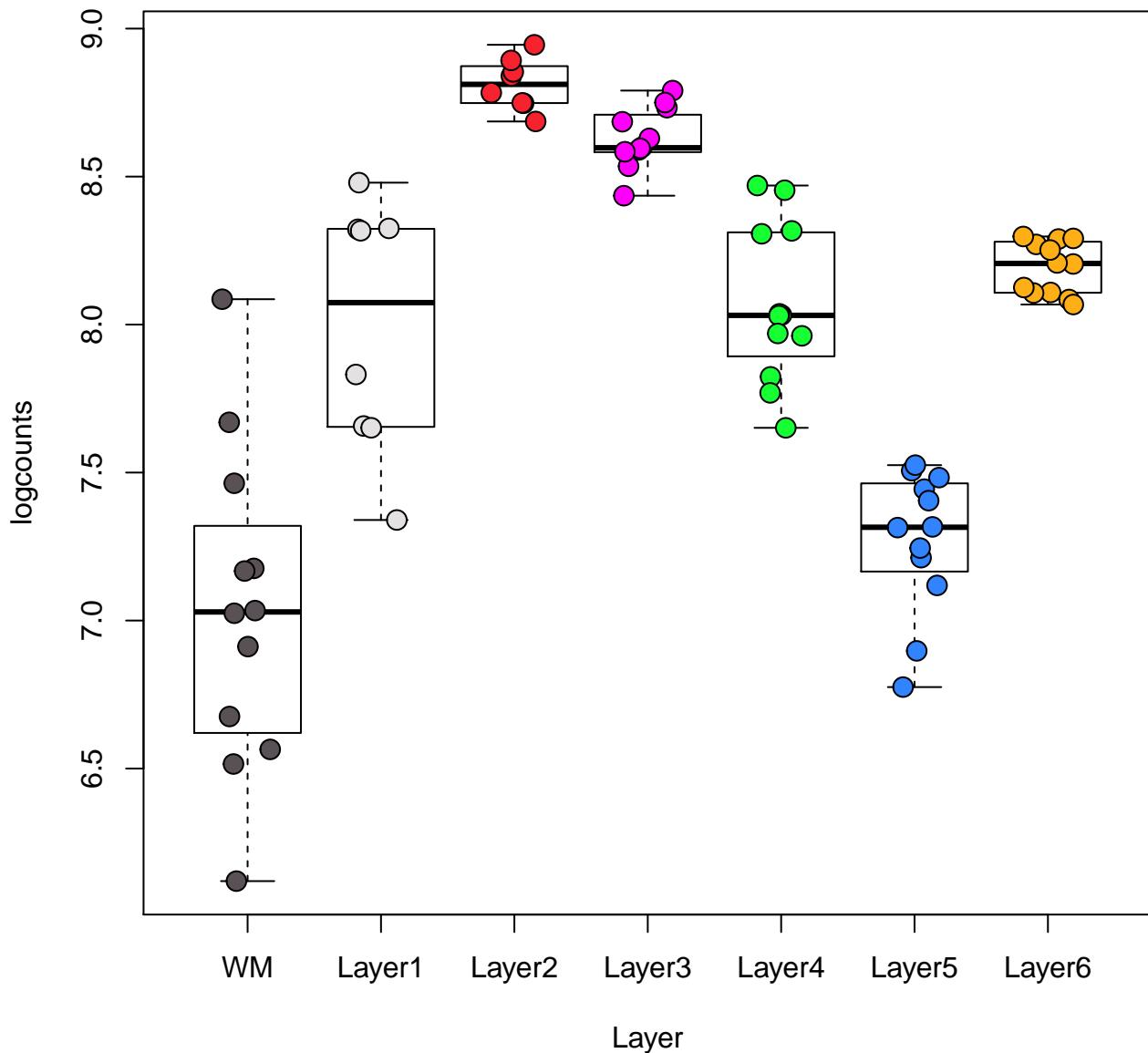
L1-L5\_r9;L2-L4\_r7;L2-L5\_r6;L3-L4\_r5;L3-L5\_r9



# TESPA1 ENSG00000135426 Layer3-Layer5

tstat 1.12e+01 p 1.80e-17

L3-L5\_r10;L4-L5\_r9;L6-L5\_r9

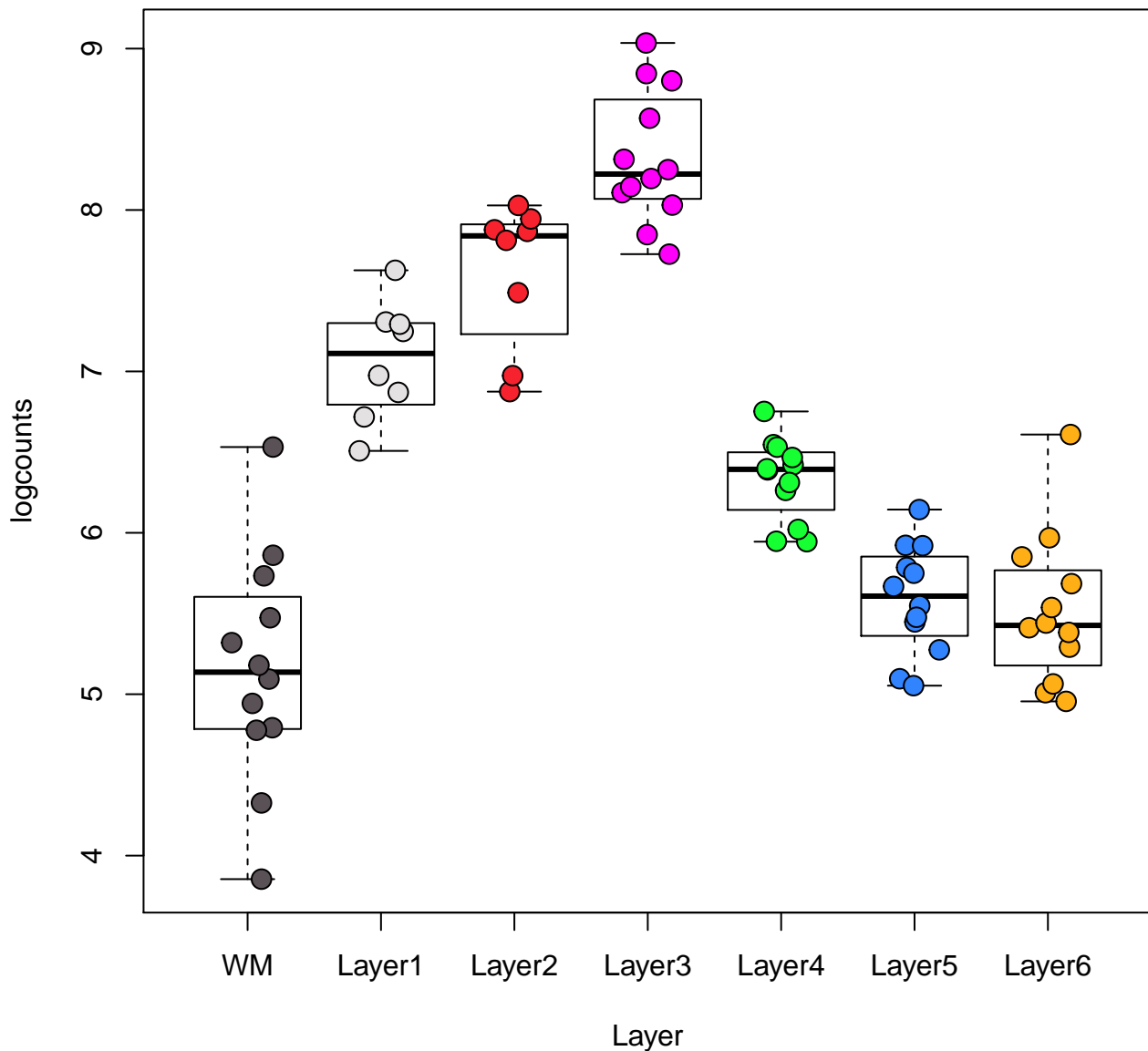




**CARTPT ENSG00000164326 Layer3-Layer6**

**tstat 1.60e+01 p 2.22e-25**

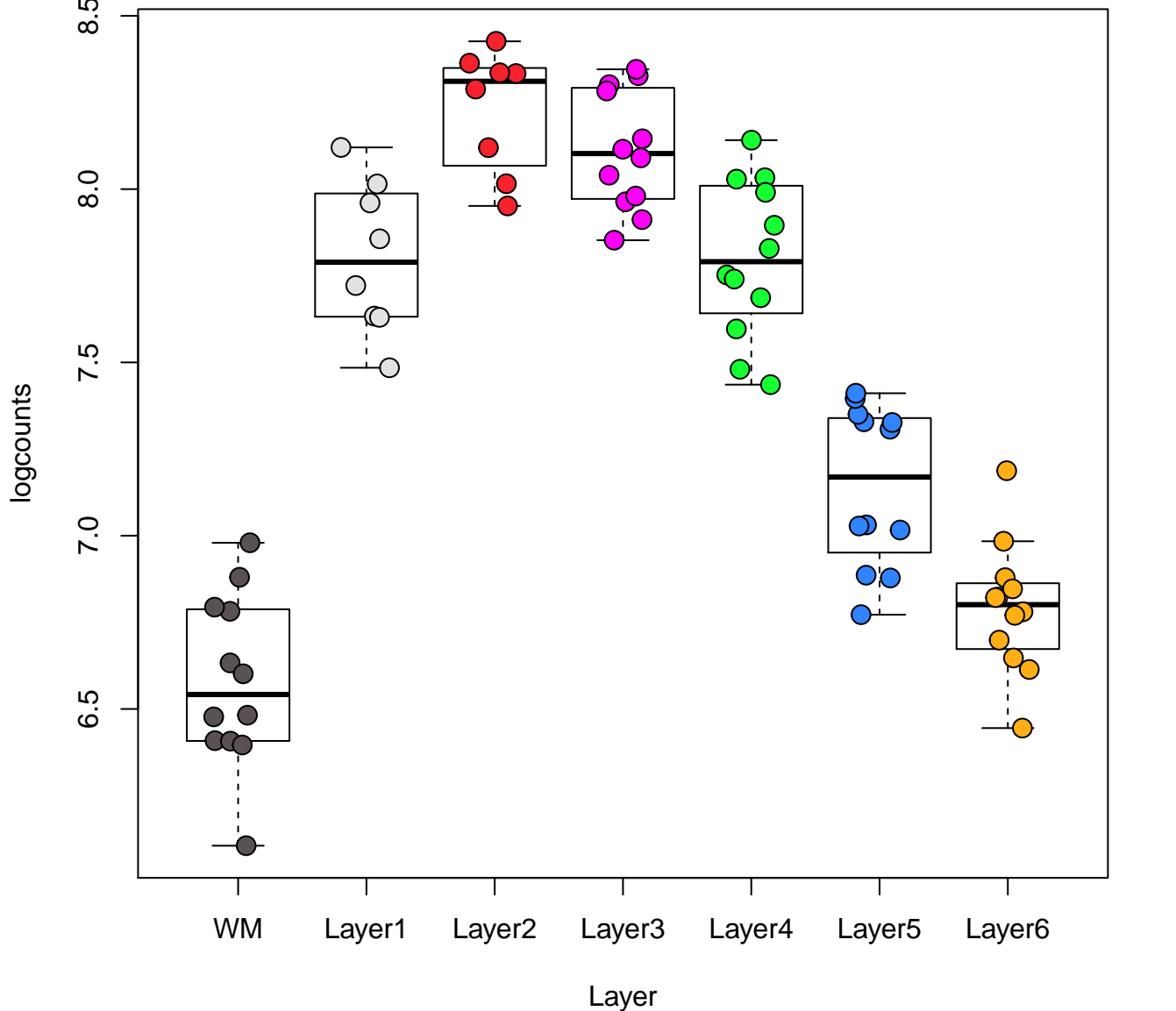
**L3\_r1;L3-L4\_r3;L3-L5\_r1;L3-L6\_r1;L3-WM\_r3**



# VSTM2A ENSG00000170419 Layer3-Layer6

tstat 1.60e+01 p 2.84e-25

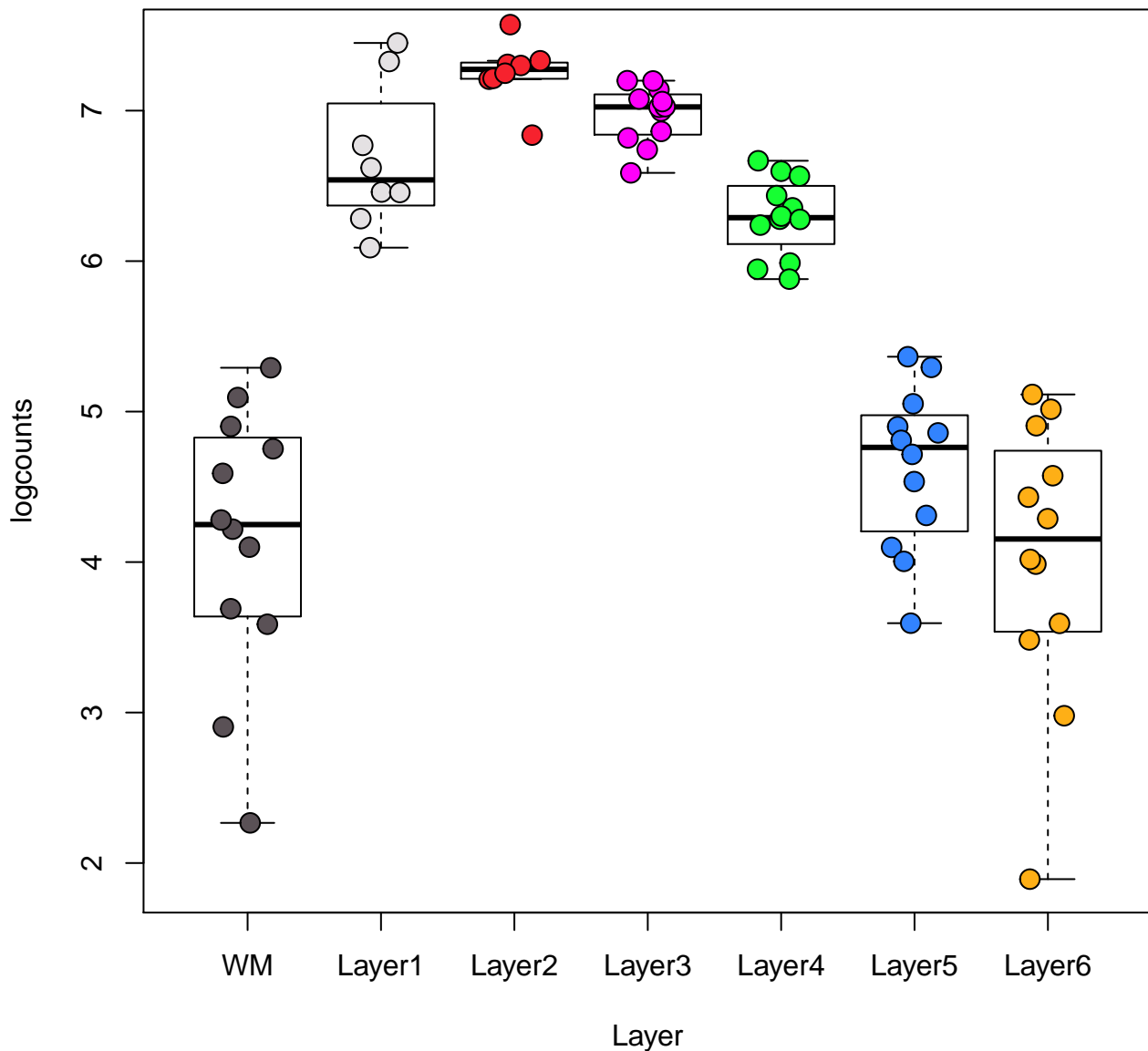
L2-L6\_r4;L3-L5\_r8;L3-L6\_r2;L4-L5\_r1;L4-L6\_r4;L2-WM\_r4;L3-WM\_r2



# CUX2 ENSG00000111249 Layer3-Layer6

tstat 1.30e+01 p 1.50e-20

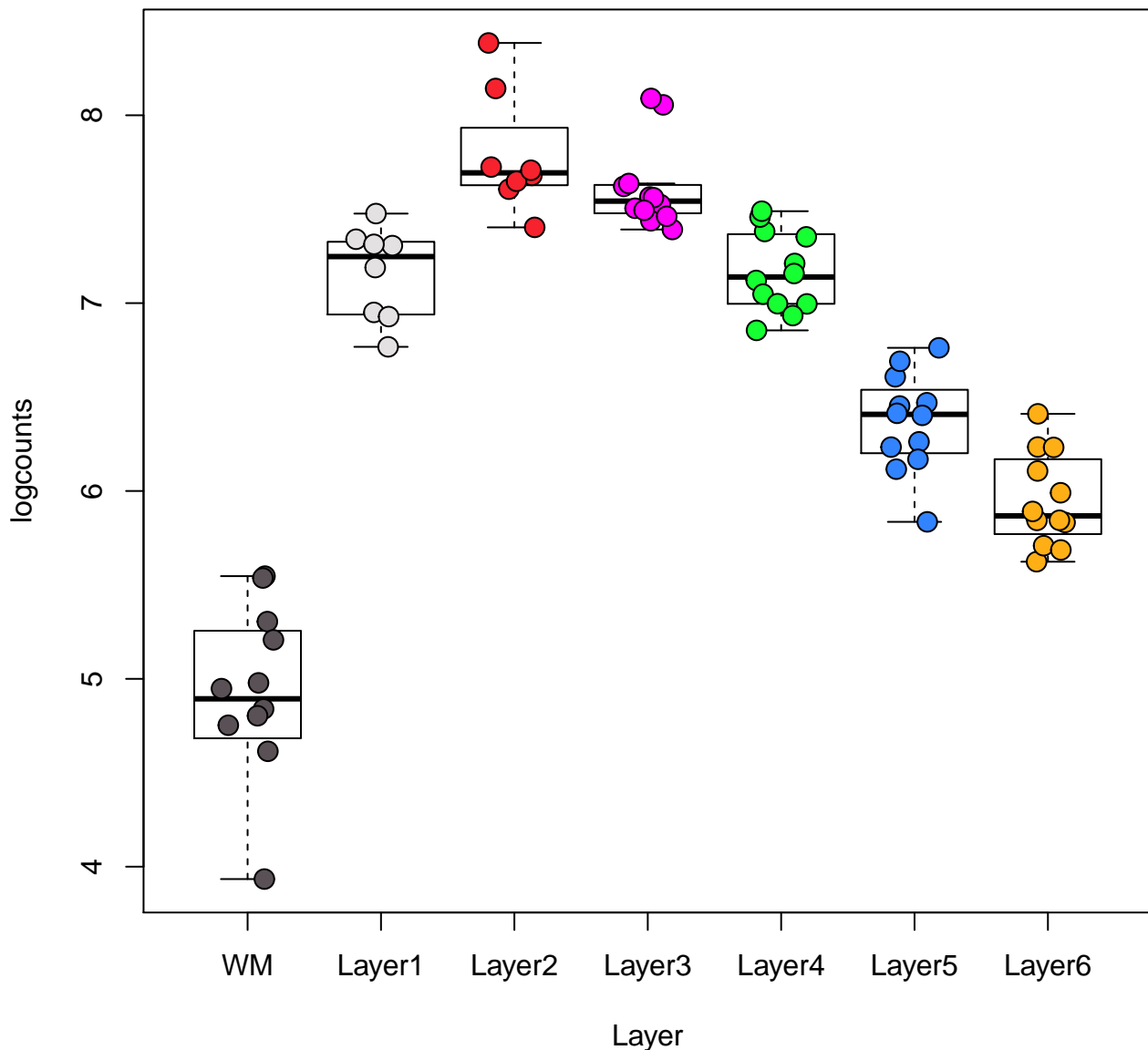
L2-L6\_r10;L3-L6\_r3;L4-L5\_r2



# CBLN4 ENSG00000054803 Layer3-Layer6

tstat 1.28e+01 p 4.10e-20

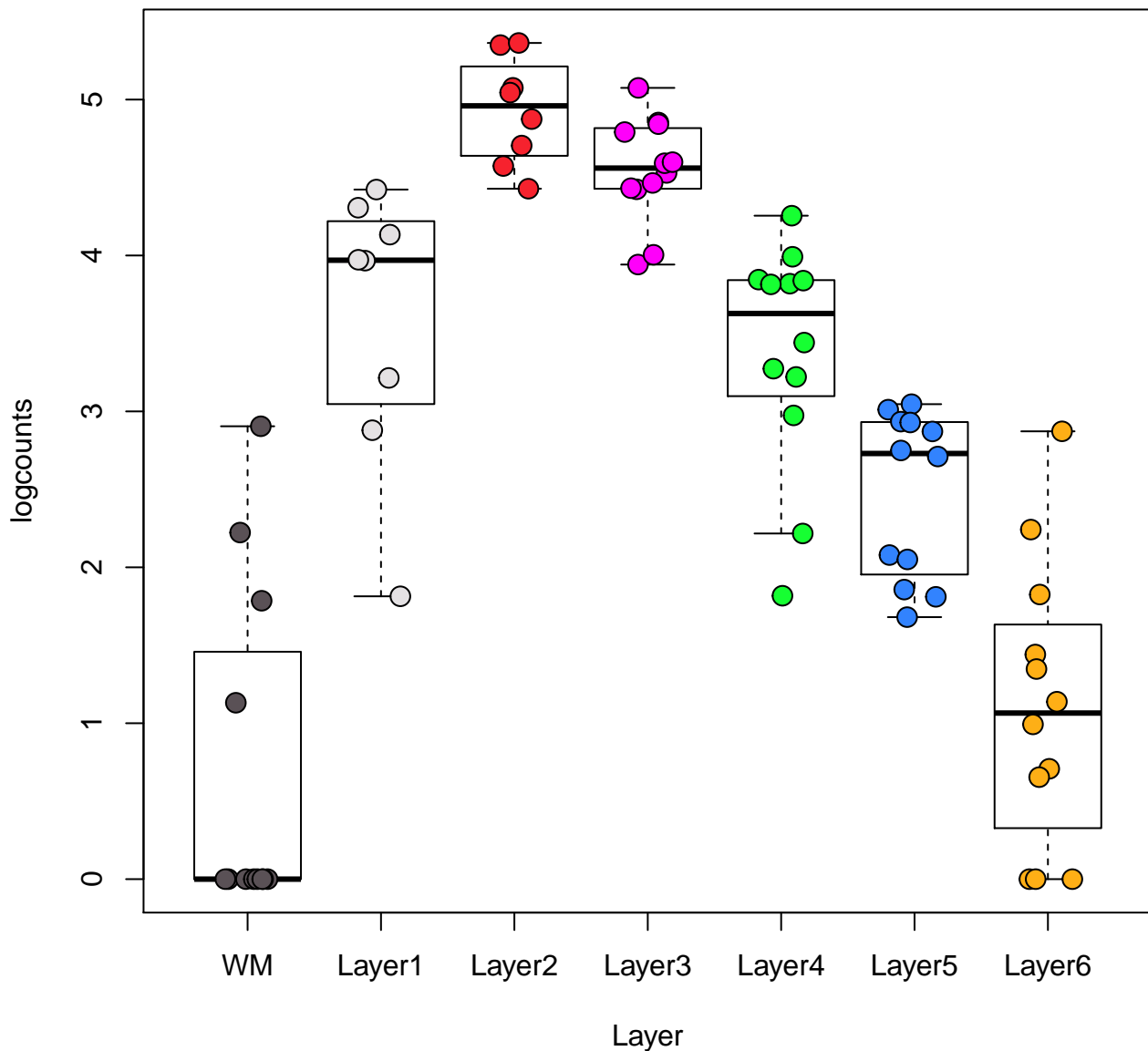
L2-L6\_r9;L3-L6\_r4;L1-WM\_r3;L2-WM\_r2;L3-WM\_r1;L4-WM\_r3



AC103681.2 ENSG00000254664 Layer3-Layer6

tstat 1.21e+01 p 6.18e-19

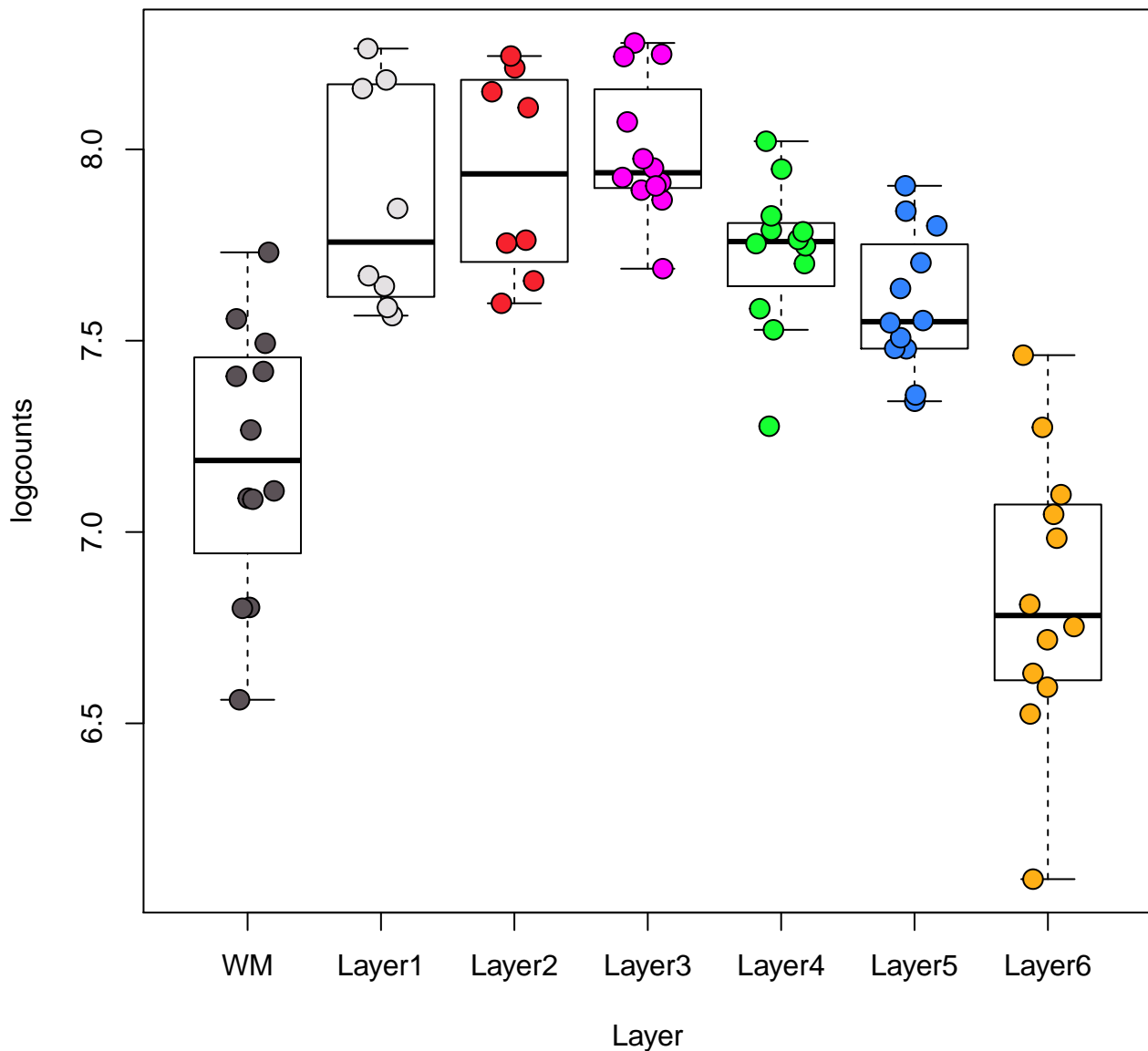
L3-L6\_r5



# C14orf132 ENSG00000227051 Layer3-Layer6

tstat 1.20e+01 p 8.95e-19

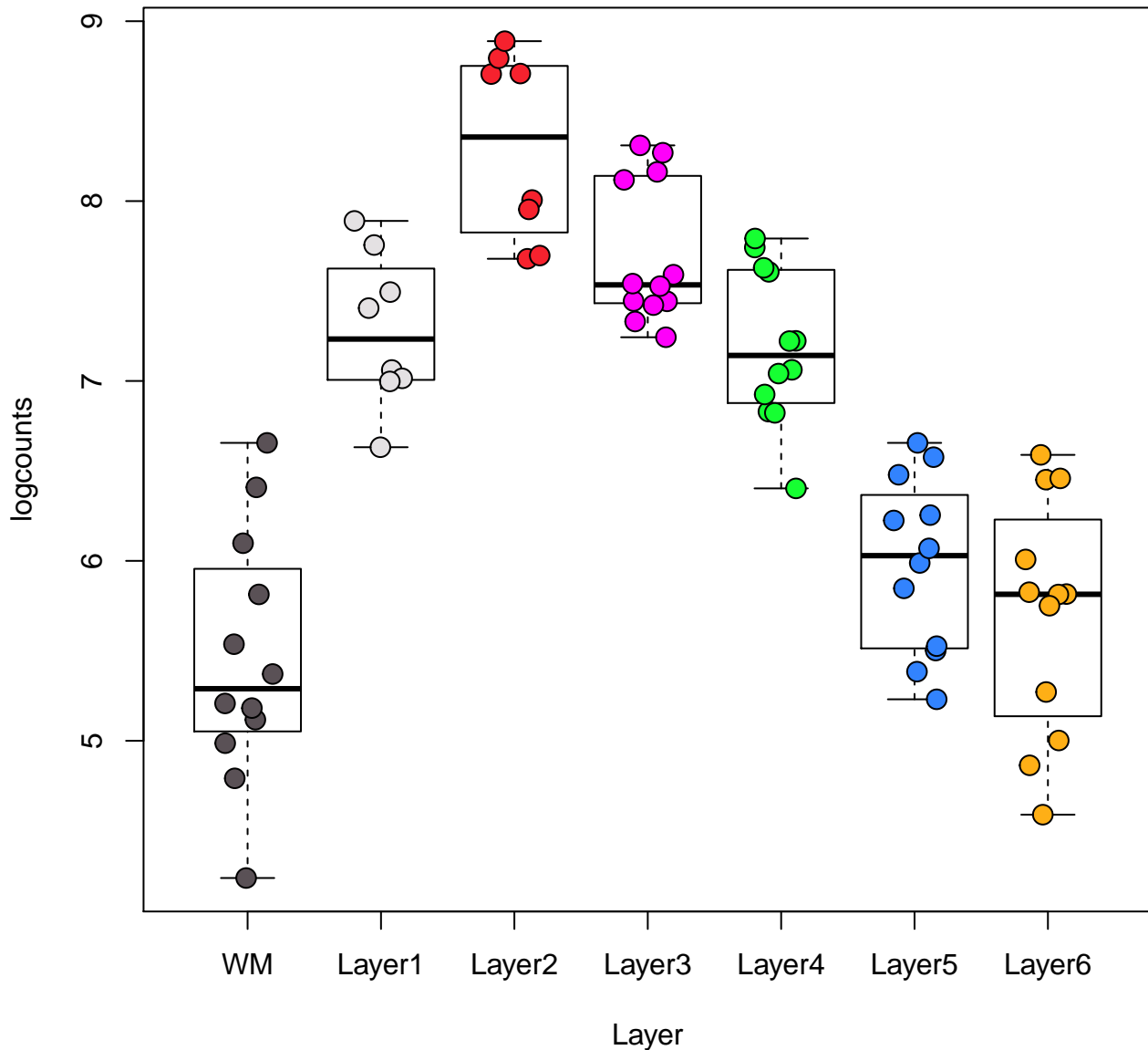
L3-L6\_r6



PCDH8 ENSG00000136099 Layer3-Layer6

tstat 1.16e+01 p 4.12e-18

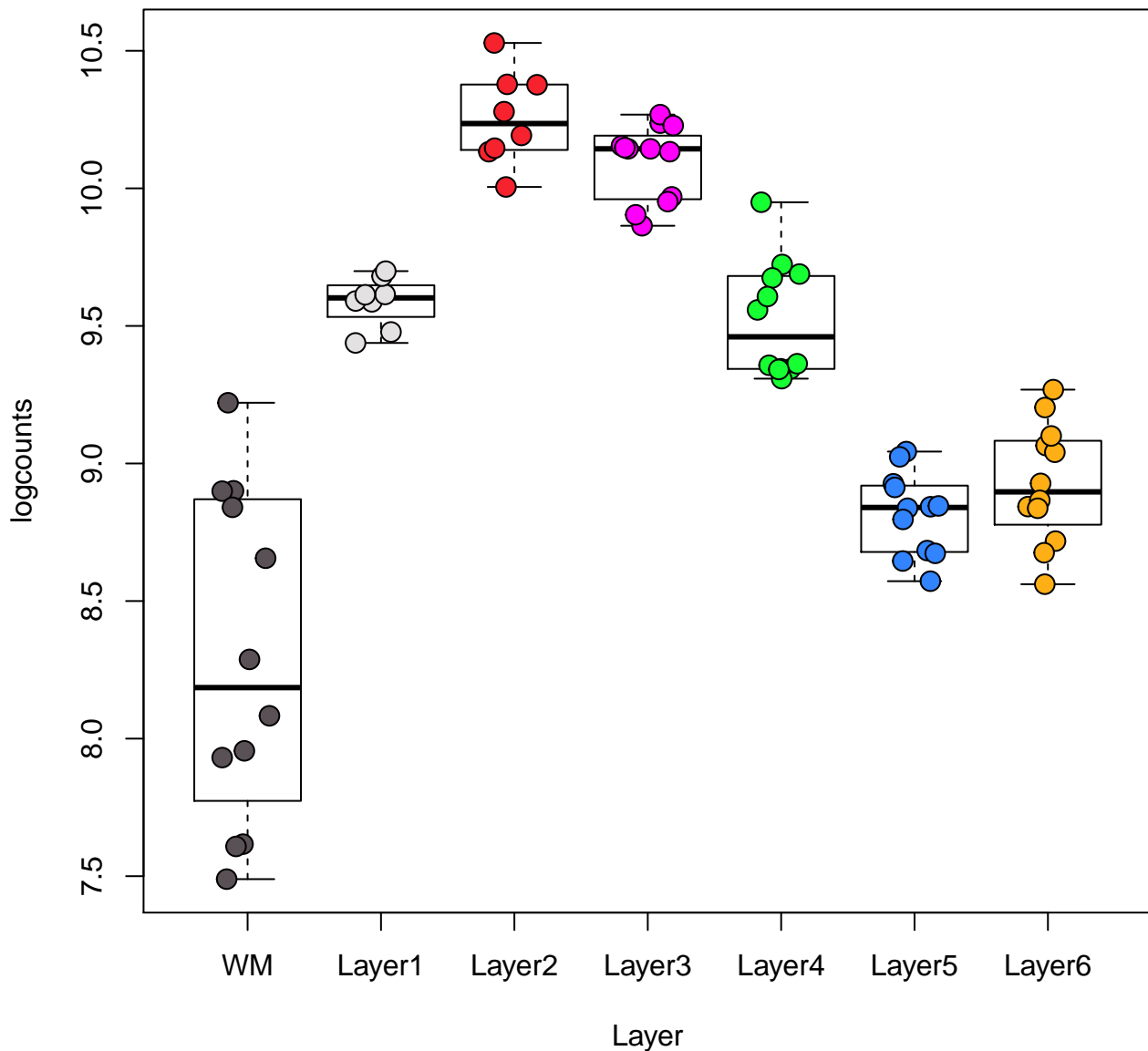
L2-L6\_r8;L3-L6\_r7;L4-L5\_r3



# HOPX ENSG00000171476 Layer3-Layer6

tstat 1.13e+01 p 1.38e-17

L3-L5\_r4;L3-L6\_r8;L4-L5\_r6;L2-WM\_r5;L3-WM\_r4

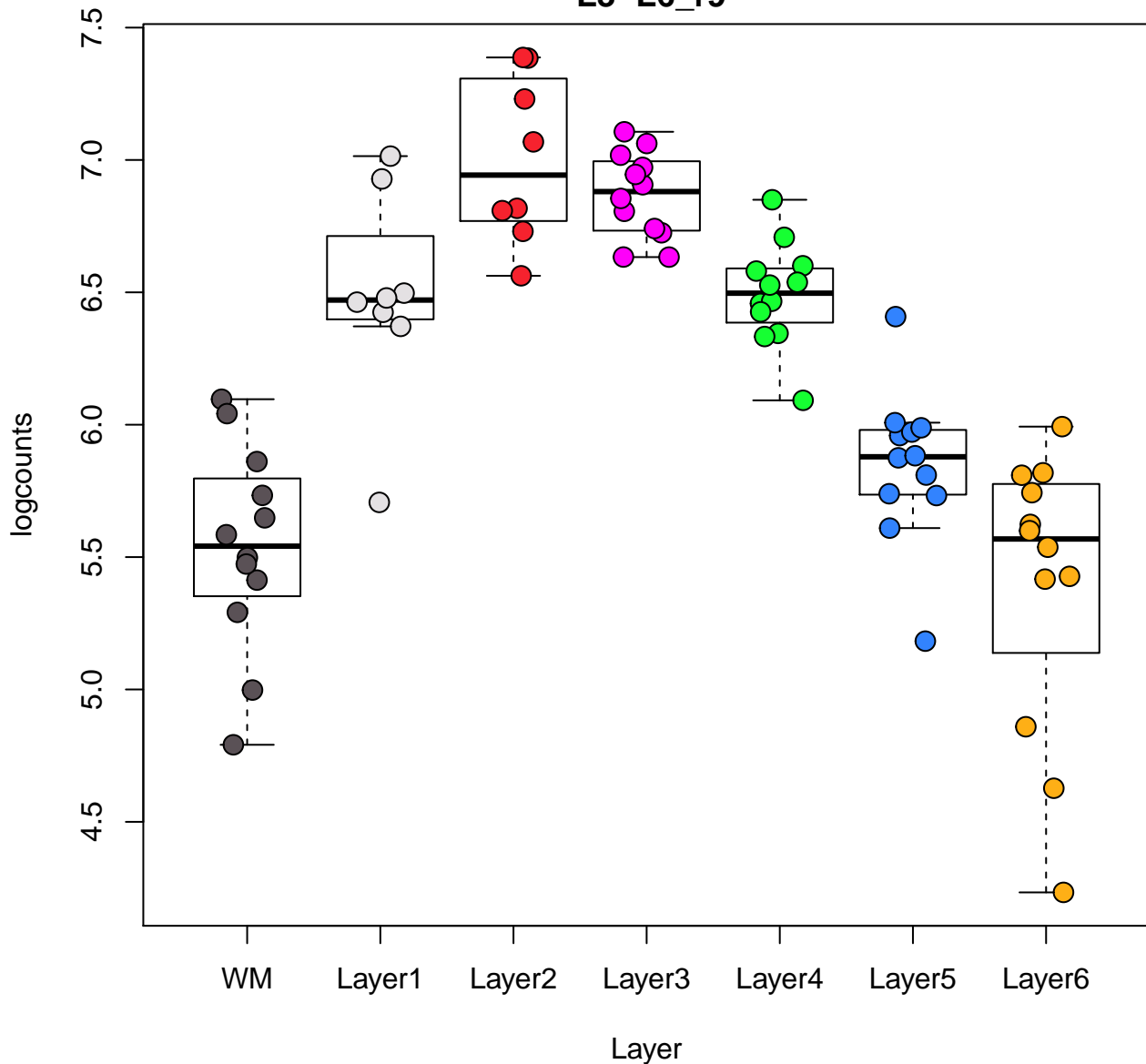




# TMOD1 ENSG00000136842 Layer3-Layer6

tstat 1.10e+01 p 5.12e-17

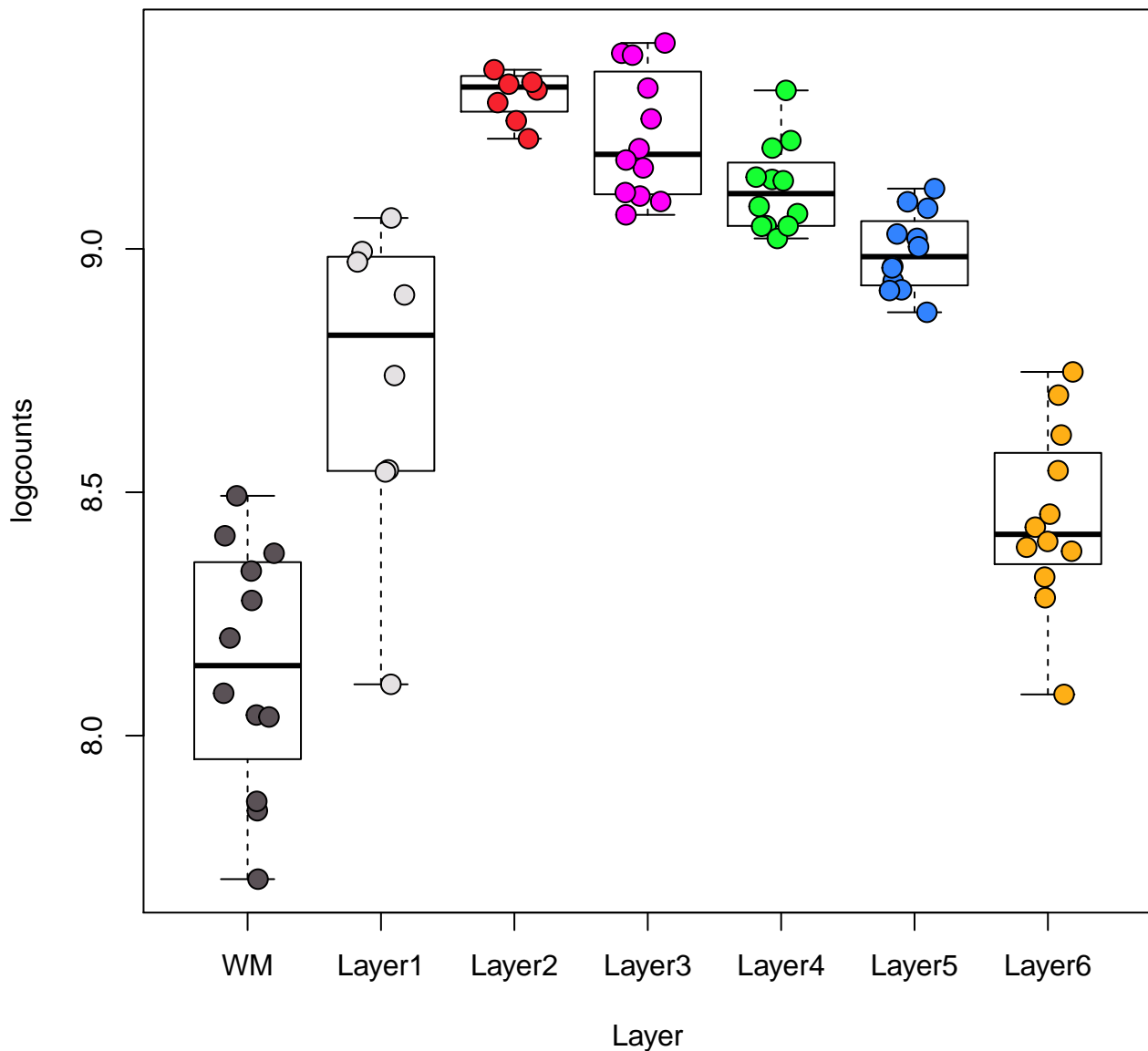
L3-L6\_r9



# NSG2 ENSG00000170091 Layer3-Layer6

tstat 1.07e+01 p 1.60e-16

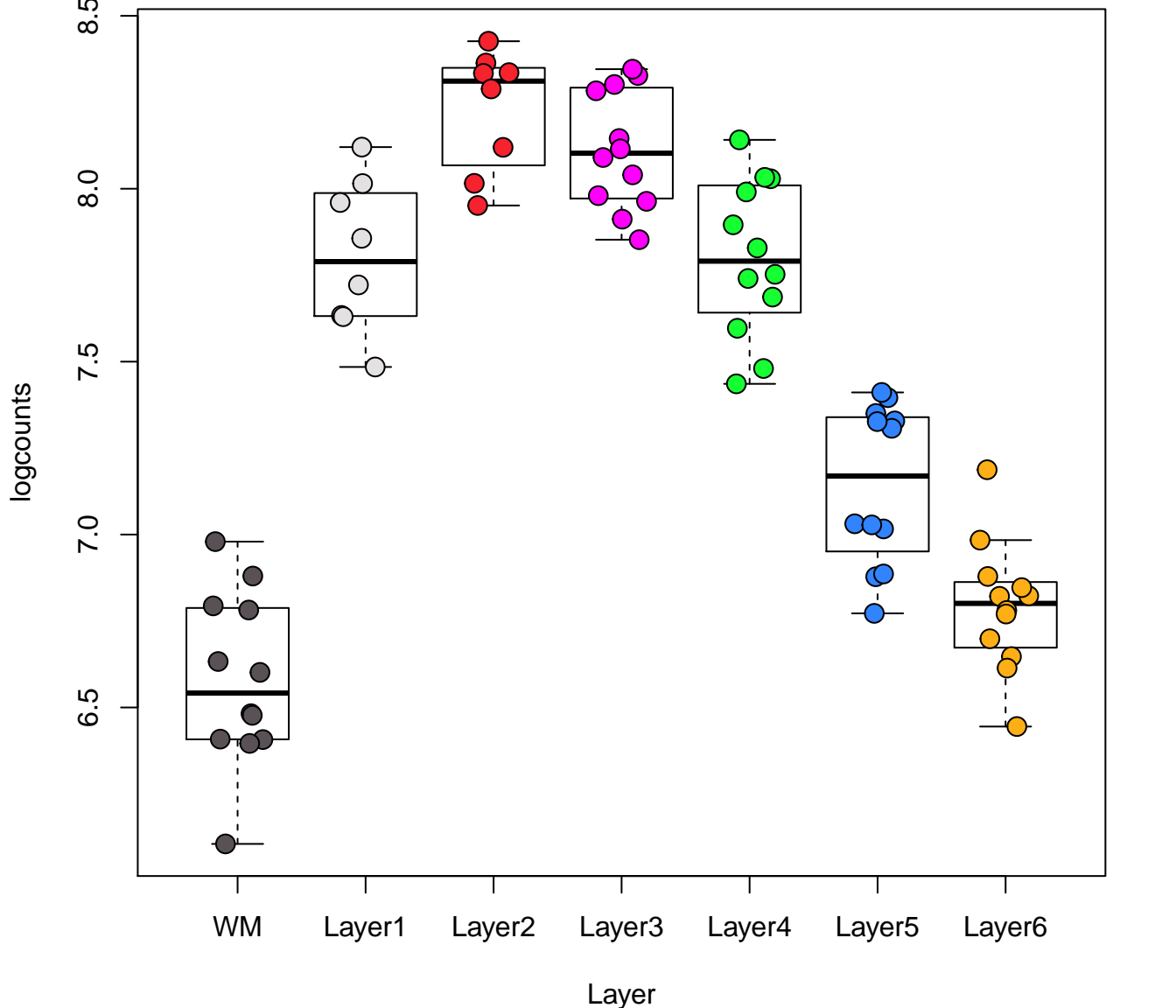
L3-L6\_r10



# VSTM2A ENSG00000170419 Layer4-Layer5

tstat 7.94e+00 p 2.13e-11

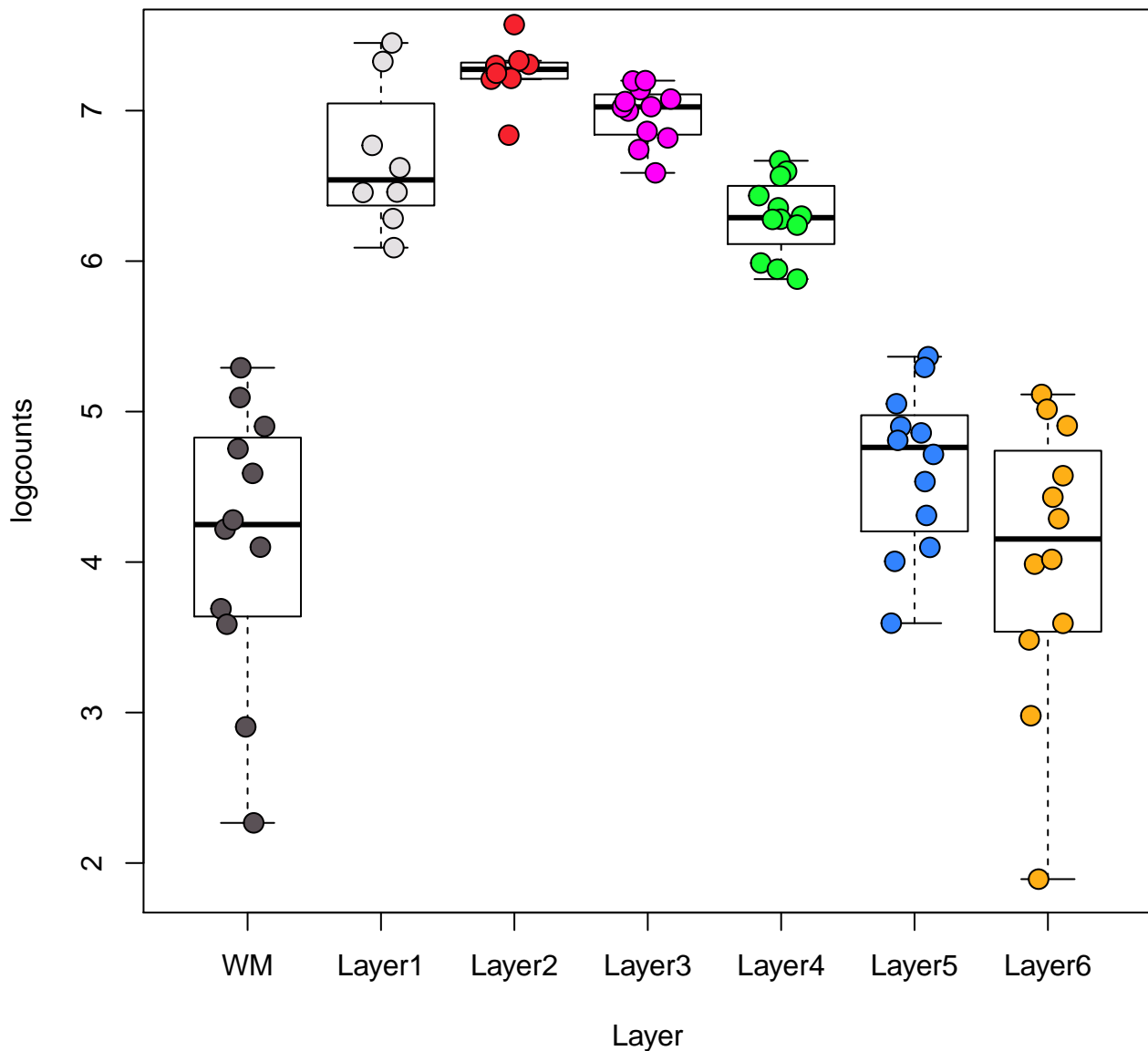
L2-L6\_r4;L3-L5\_r8;L3-L6\_r2;L4-L5\_r1;L4-L6\_r4;L2-WM\_r4;L3-WM\_r2



# CUX2 ENSG00000111249 Layer4-Layer5

tstat 7.35e+00 p 2.61e-10

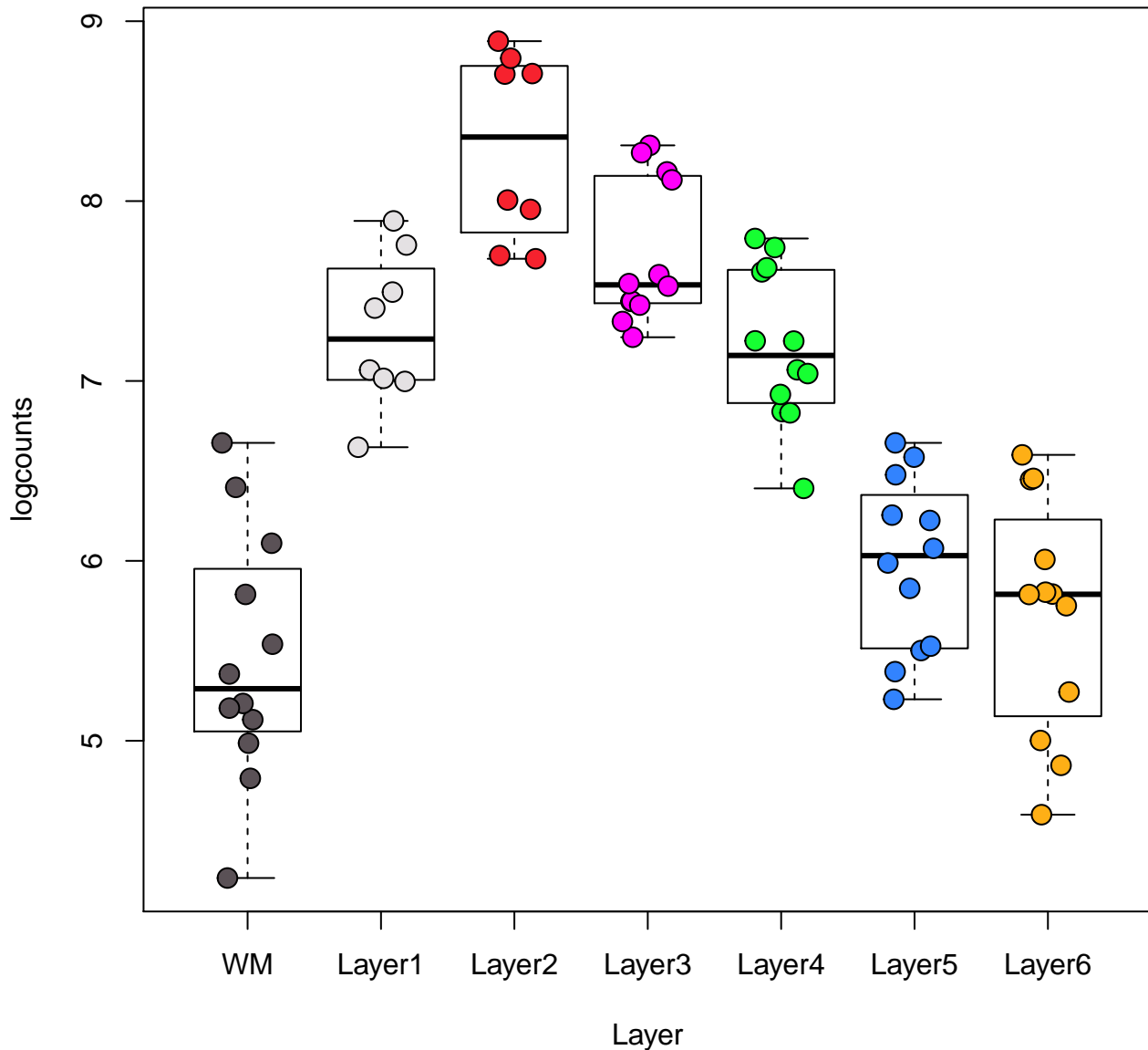
L2-L6\_r10;L3-L6\_r3;L4-L5\_r2



# PCDH8 ENSG00000136099 Layer4-Layer5

tstat 7.06e+00 p 9.04e-10

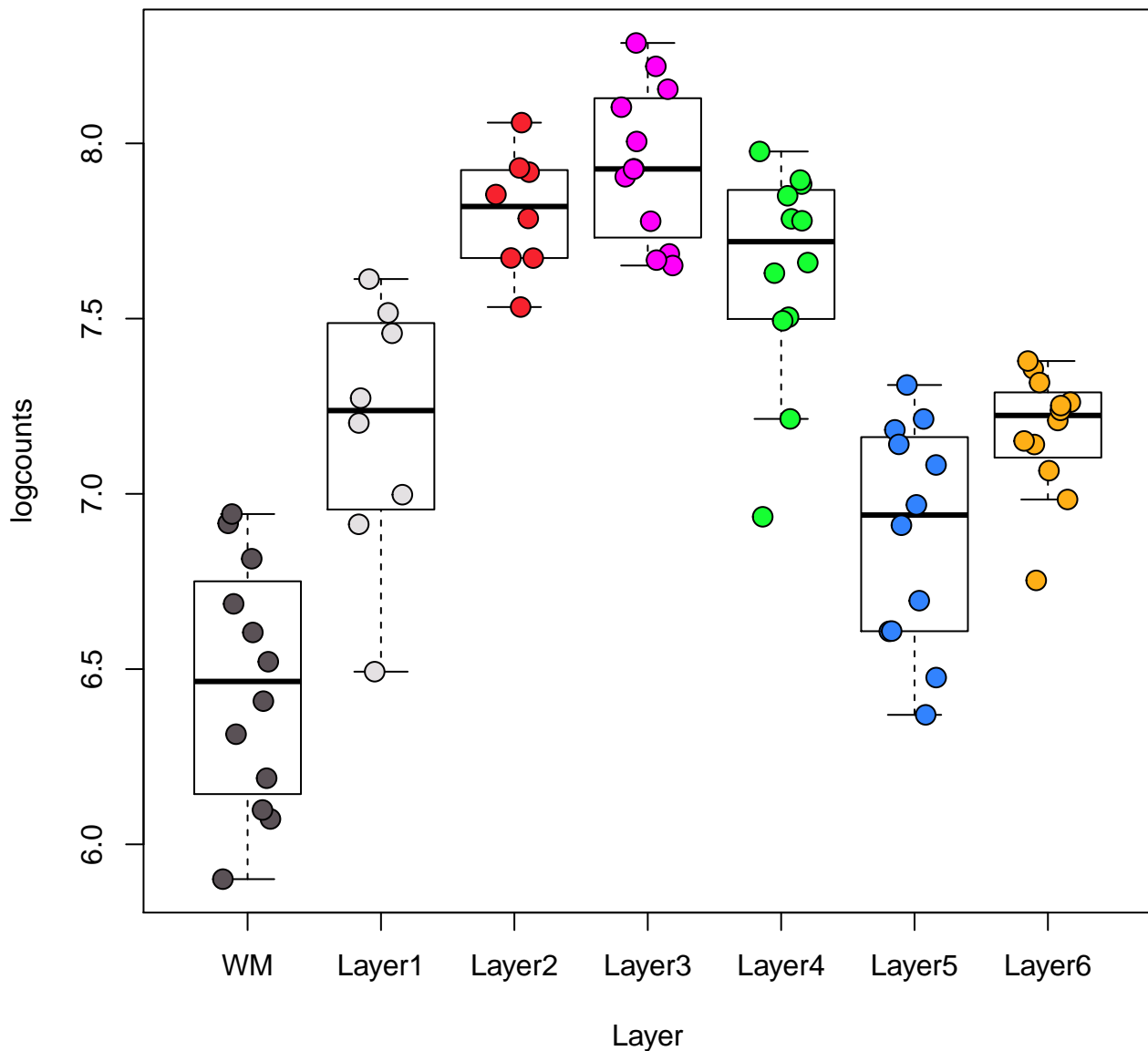
L2-L6\_r8;L3-L6\_r7;L4-L5\_r3



# CA10 ENSG00000154975 Layer4-Layer5

tstat 6.93e+00 p 1.57e-09

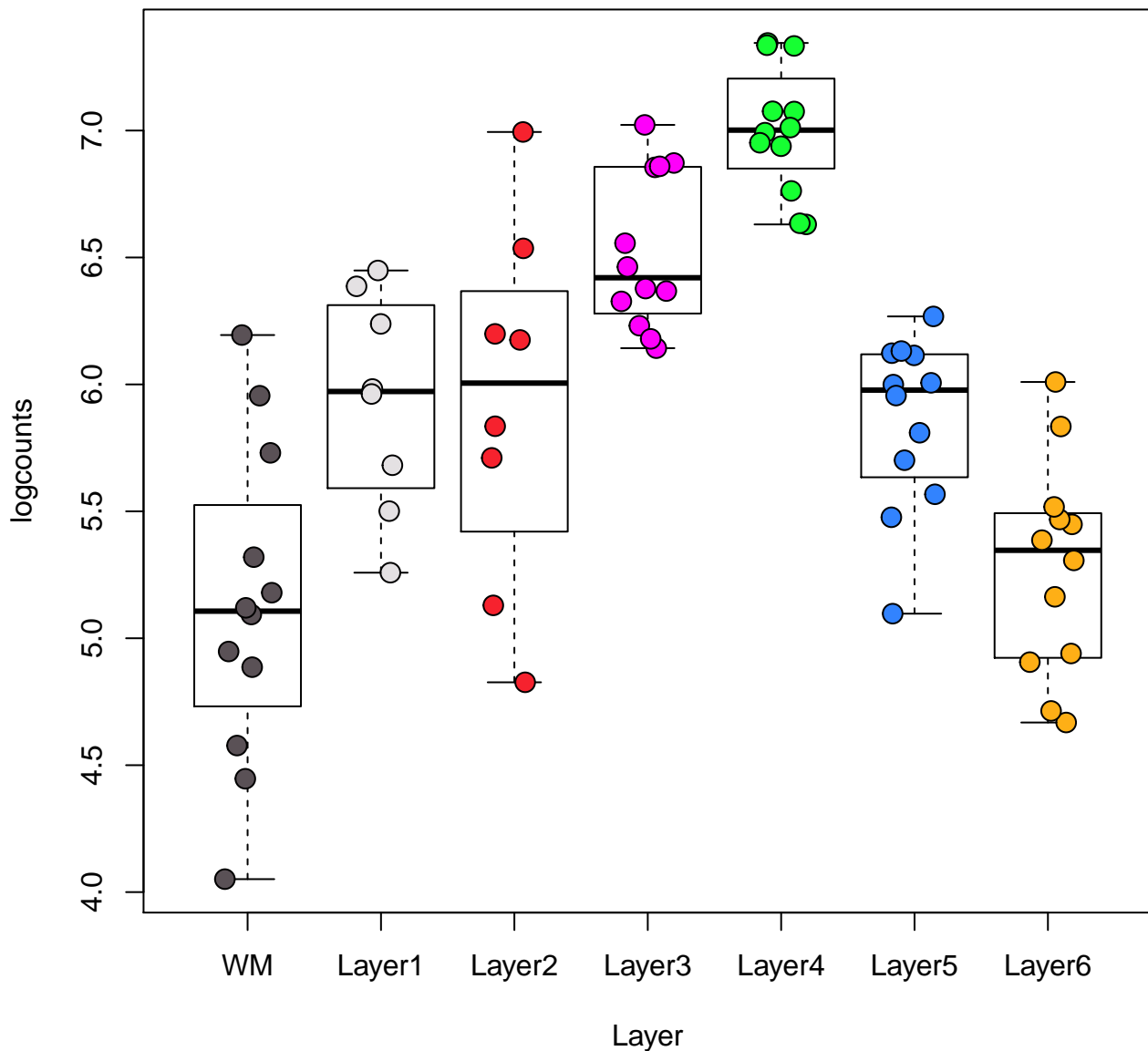
L3\_r8;L4-L5\_r4



# TPBG ENSG00000146242 Layer4-Layer5

tstat 6.83e+00 p 2.32e-09

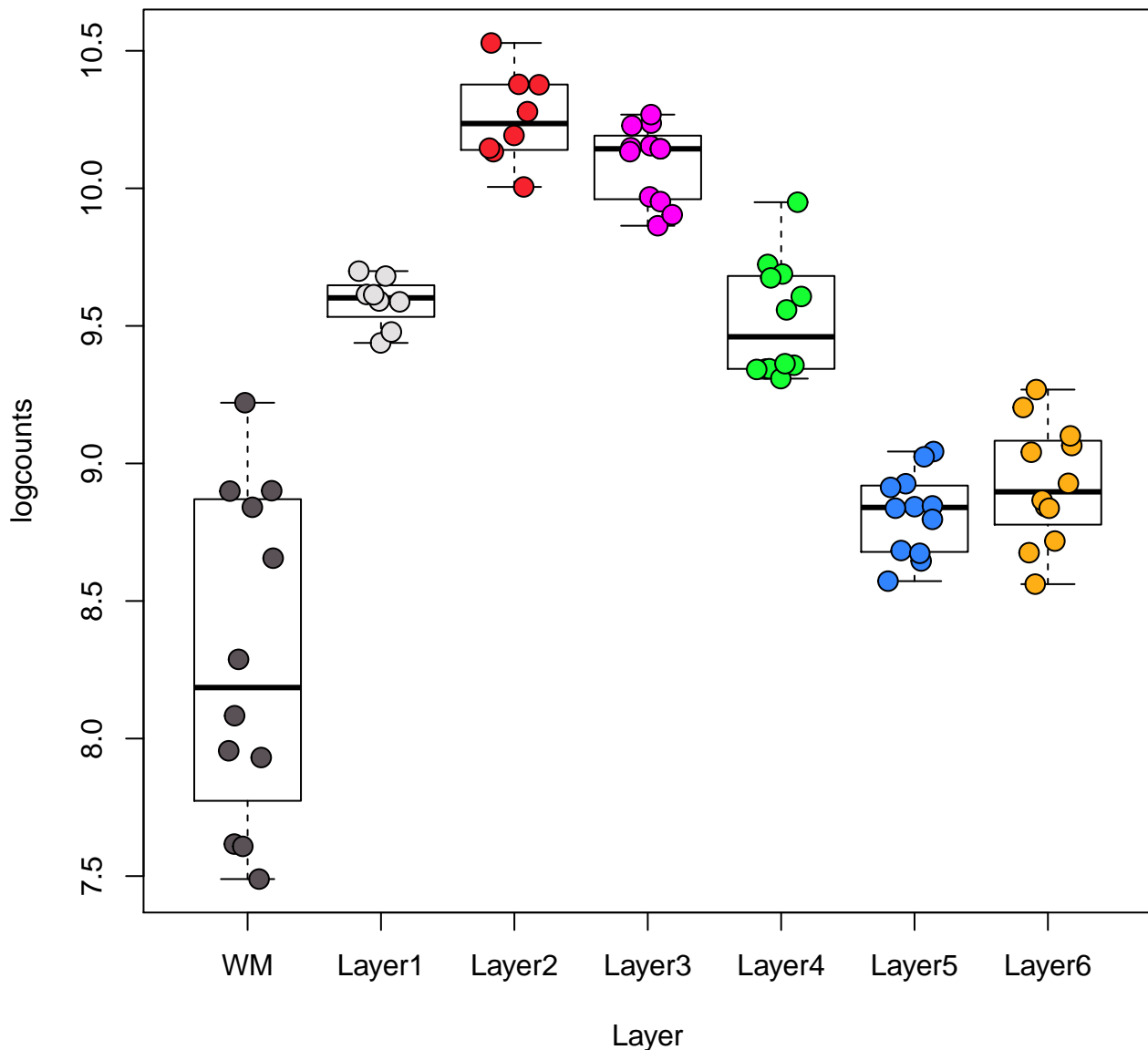
L4\_r8;L4-L5\_r5



# HOPX ENSG00000171476 Layer4-Layer5

tstat 6.81e+00 p 2.51e-09

L3-L5\_r4;L3-L6\_r8;L4-L5\_r6;L2-WM\_r5;L3-WM\_r4

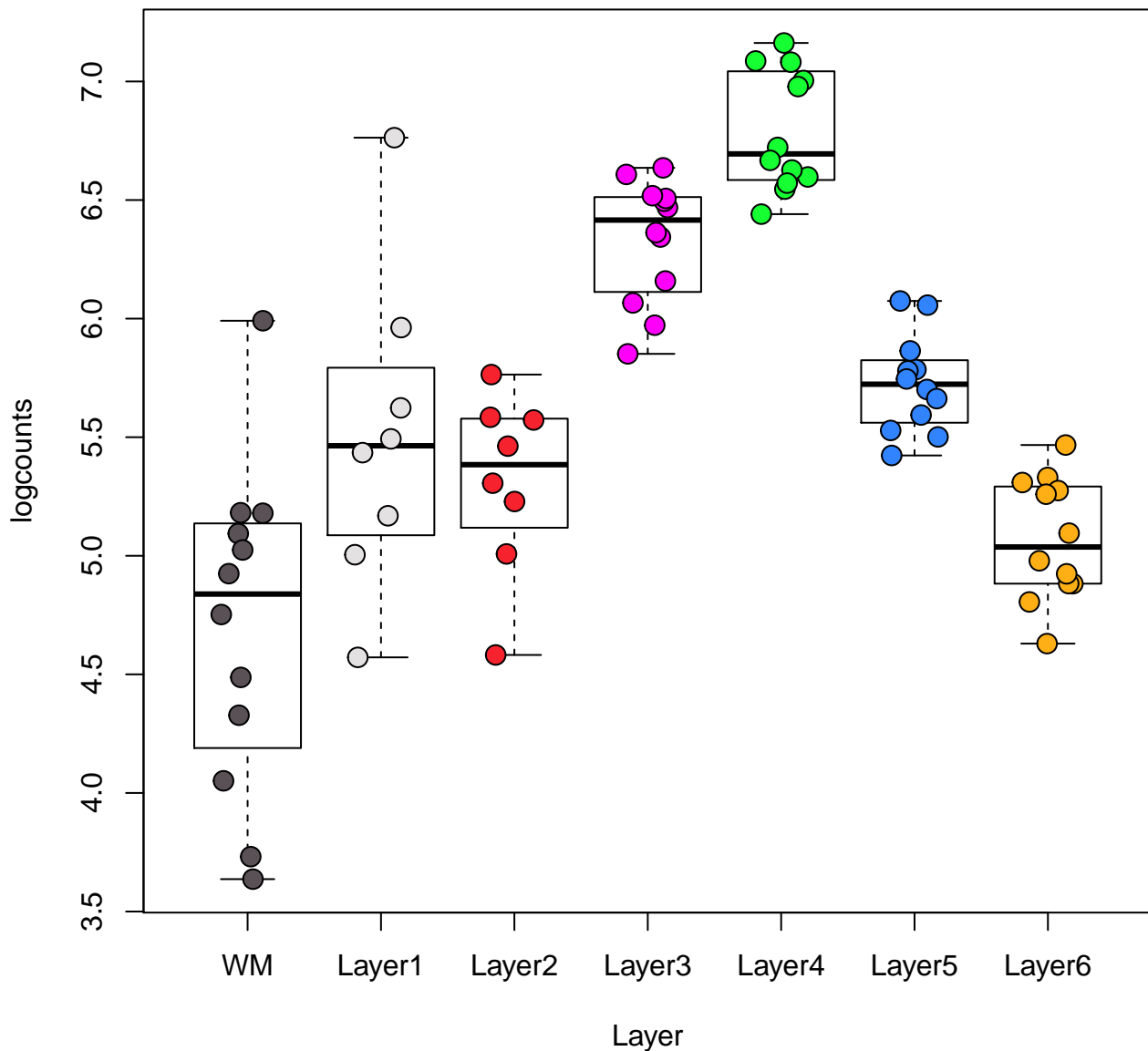




# NGB ENSG00000165553 Layer4-Layer5

tstat 6.67e+00 p 4.63e-09

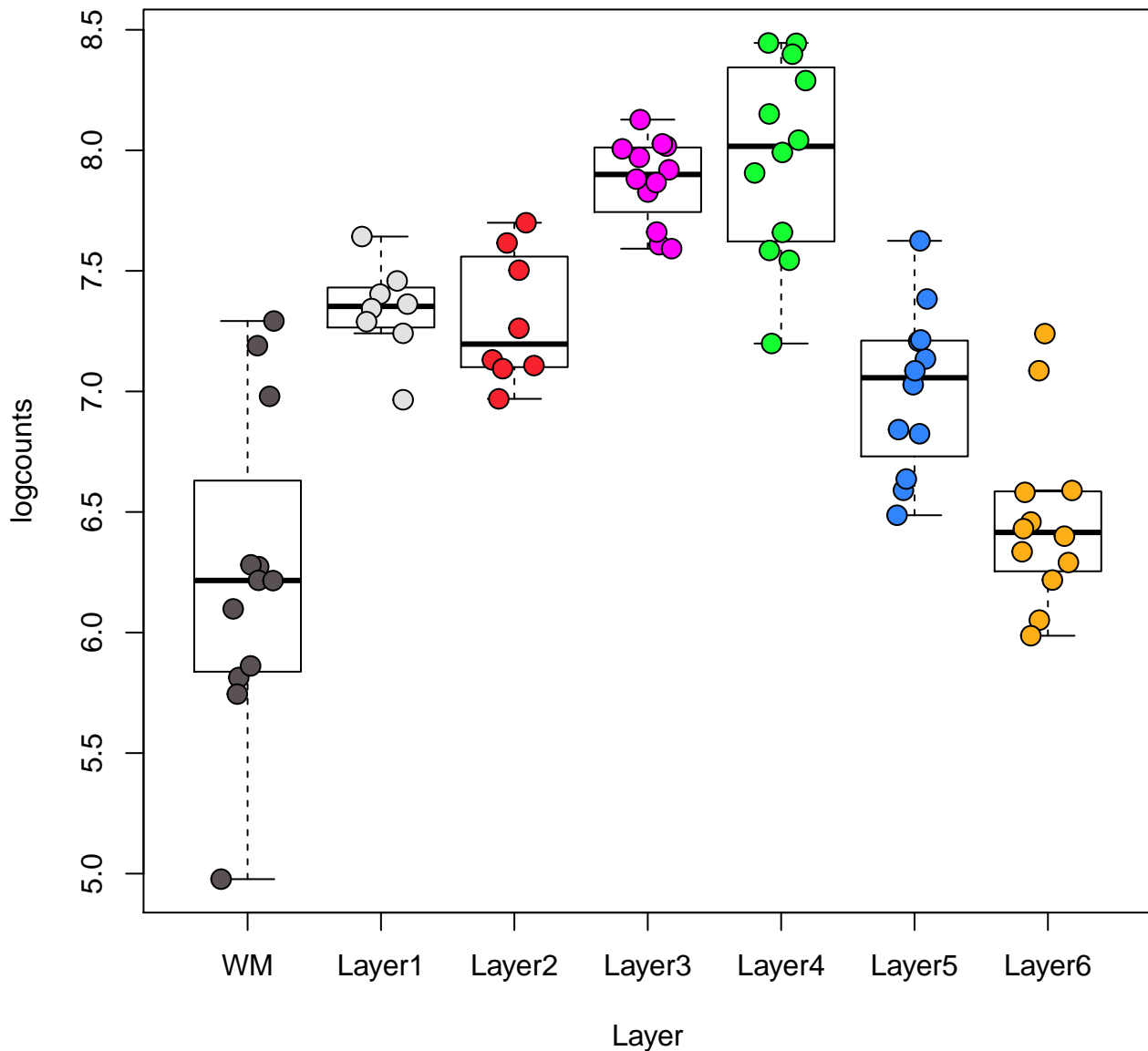
L4\_r6;L4-L5\_r7;L4-L6\_r9



# GPX3 ENSG00000211445 Layer4-Layer5

tstat 6.66e+00 p 4.72e-09

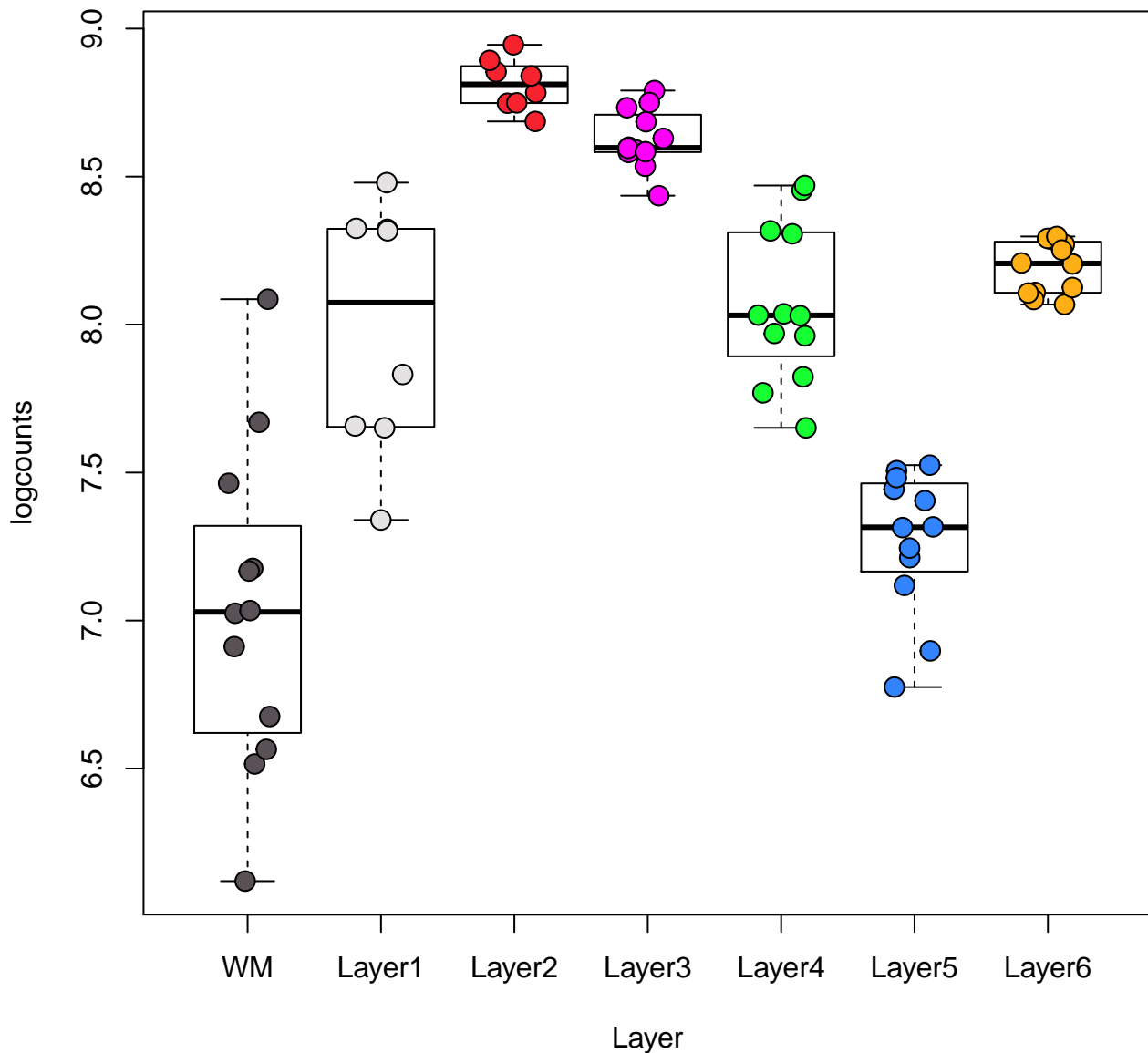
L4-L5\_r8;L4-L6\_r10



# TESPA1 ENSG00000135426 Layer4-Layer5

tstat 6.62e+00 p 5.56e-09

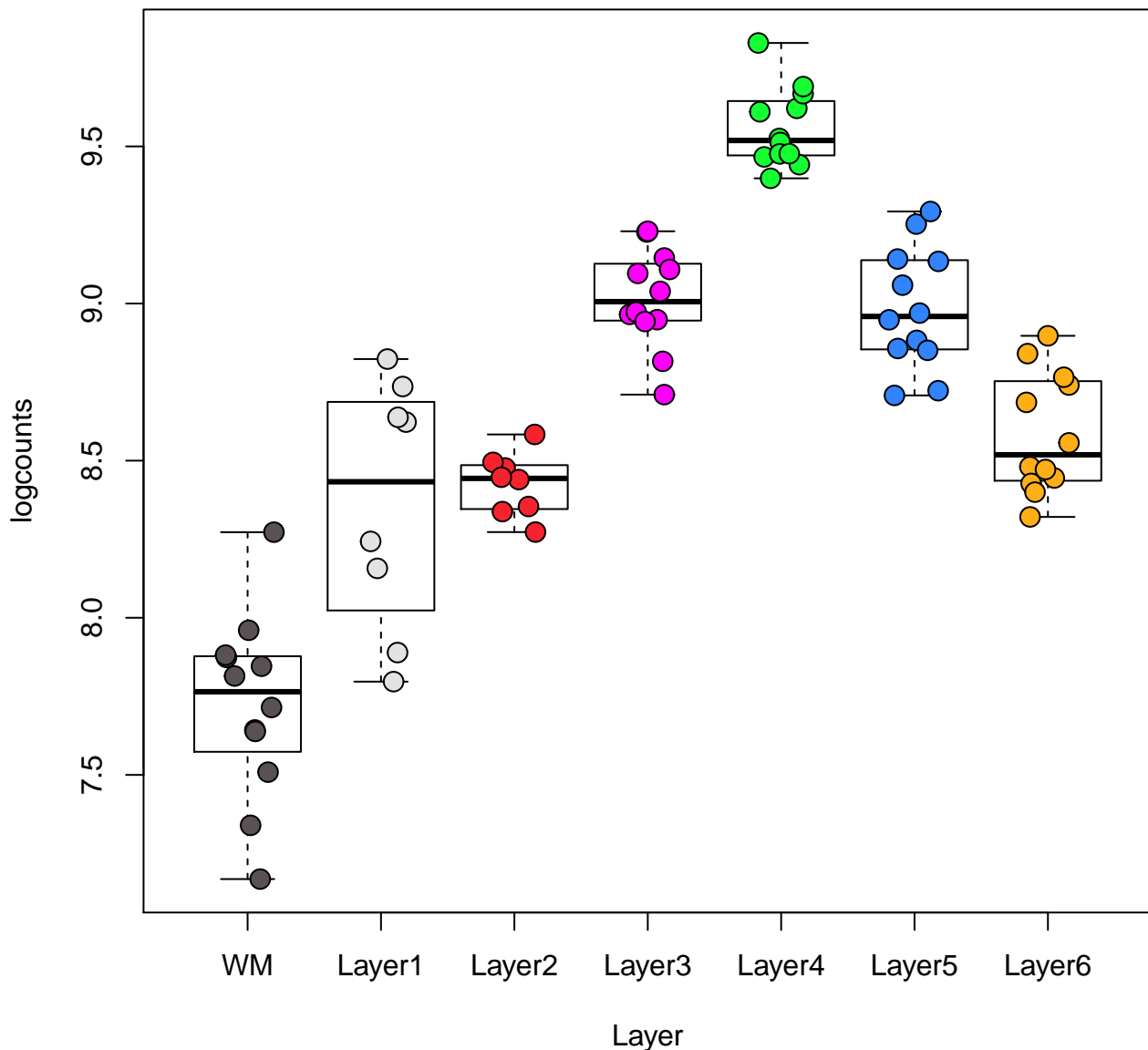
L3-L5\_r10;L4-L5\_r9;L6-L5\_r9



# SCN1B ENSG00000105711 Layer4-Layer5

tstat 6.62e+00 p 5.57e-09

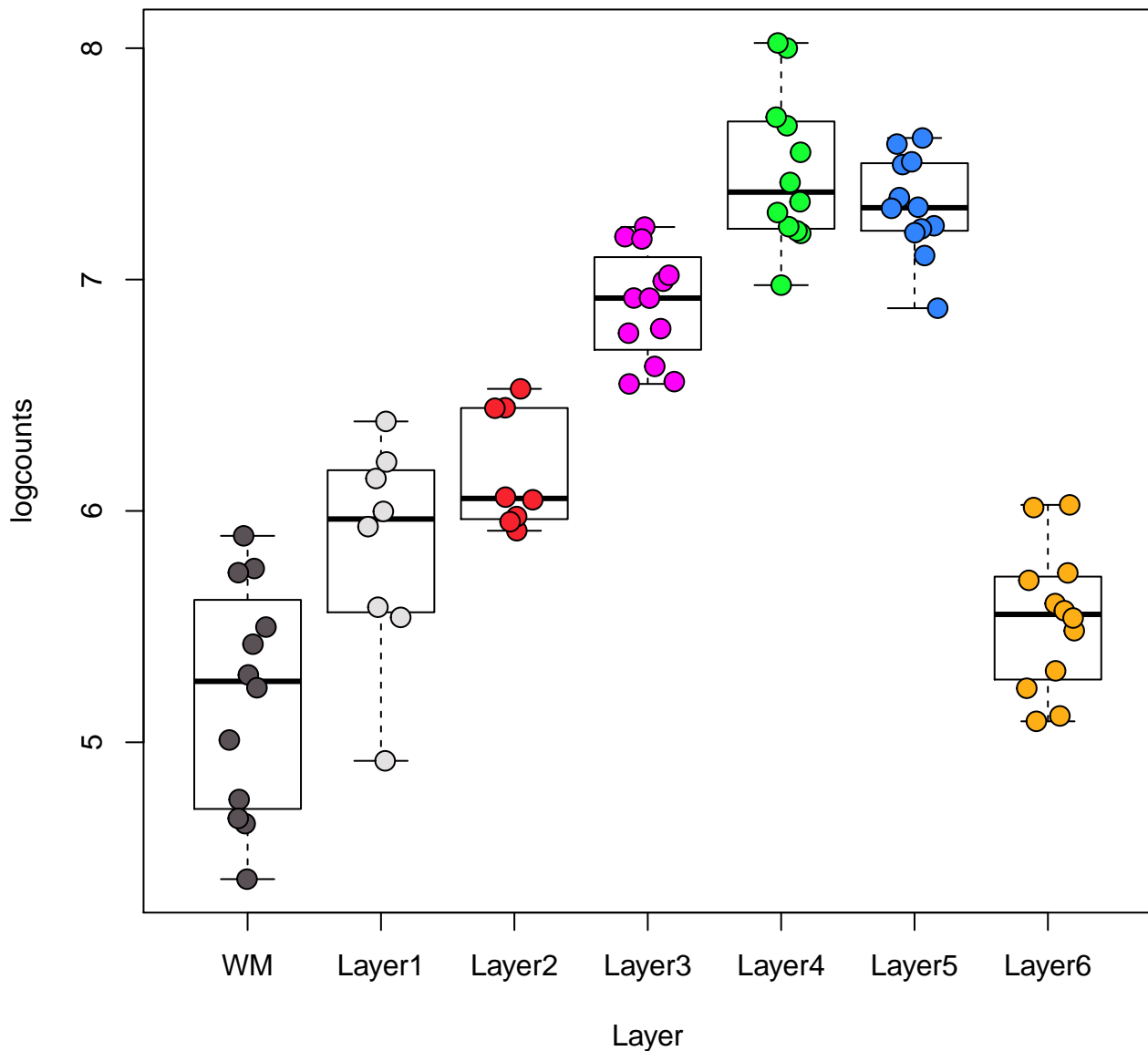
L4\_r5;L4-L5\_r10;L4-L6\_r7;L4-WM\_r1;L4-L1\_r6;L4-L2\_r6;L4-L3\_r10



# FRMPD2 ENSG00000170324 Layer4-Layer6

tstat 1.45e+01 p 5.14e-23

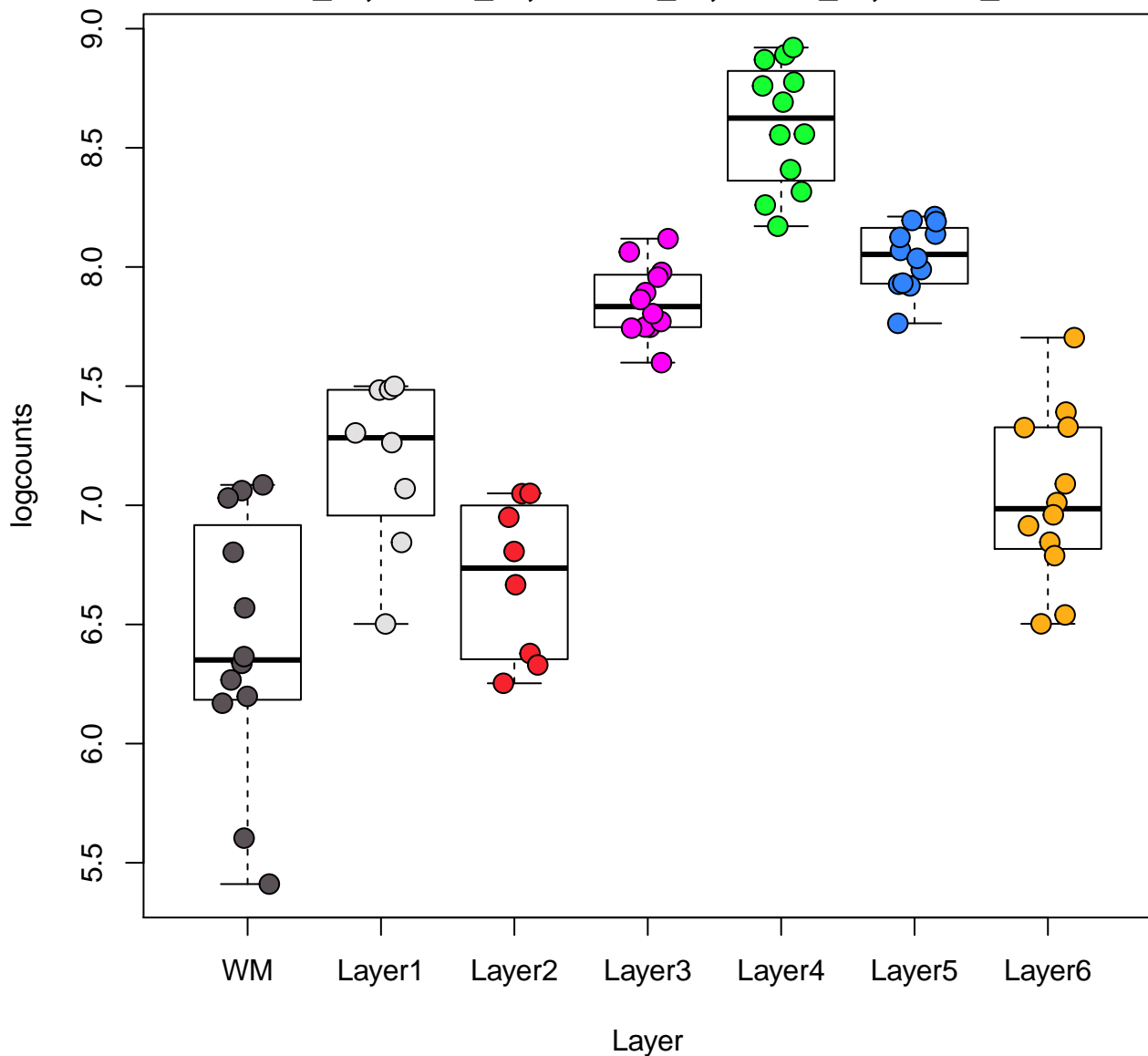
L4-L6\_r1;L5-L6\_r1;L4-WM\_r7;L5-WM\_r9



**PVALB ENSG00000100362 Layer4-Layer6**

**tstat 1.23e+01 p 2.63e-19**

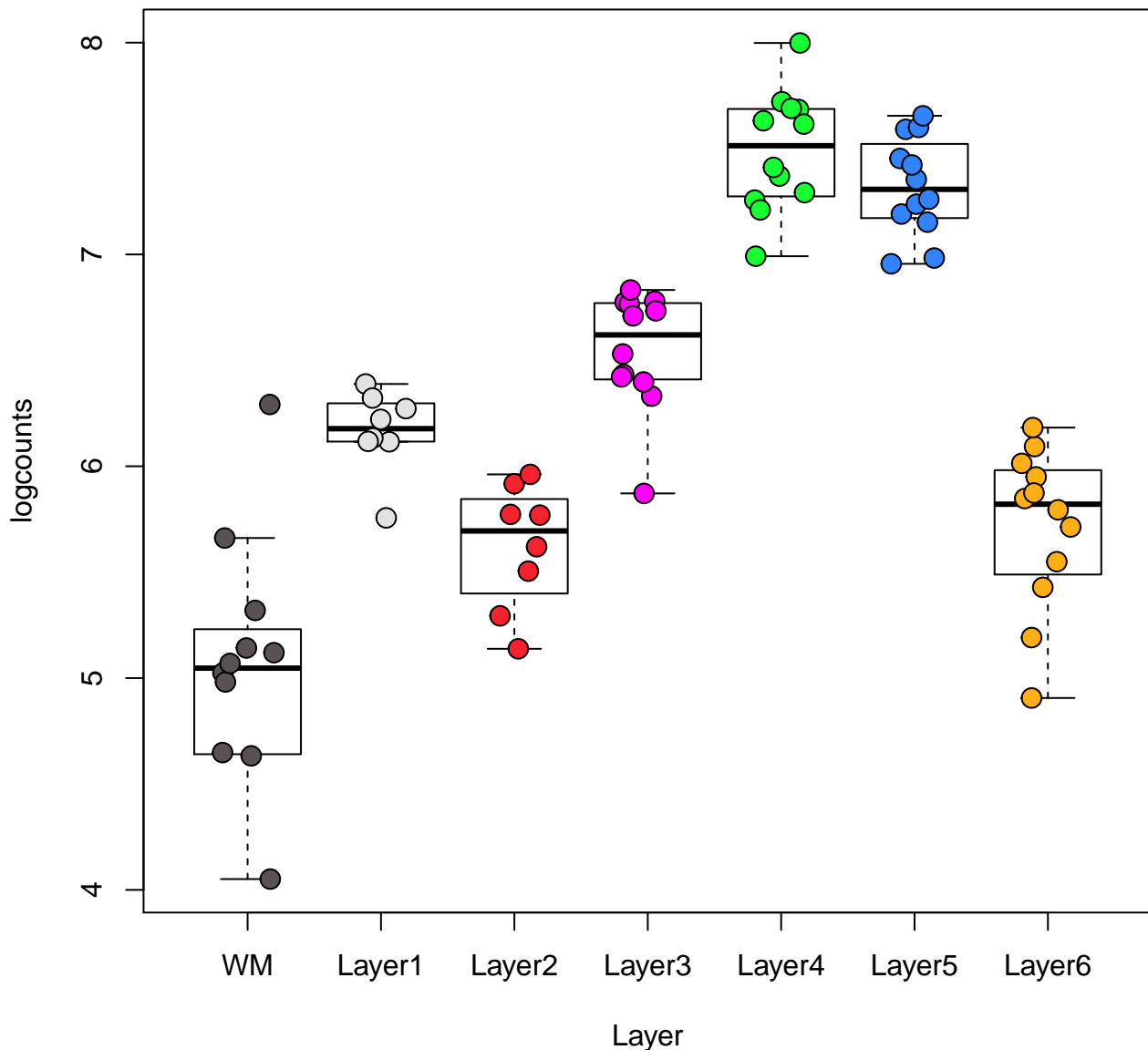
**L4\_r7;L4-L6\_r2;L4-WM\_r6;L3-L2\_r2;L4-L2\_r1**



# RORB ENSG00000198963 Layer4-Layer6

tstat 1.22e+01 p 3.64e-19

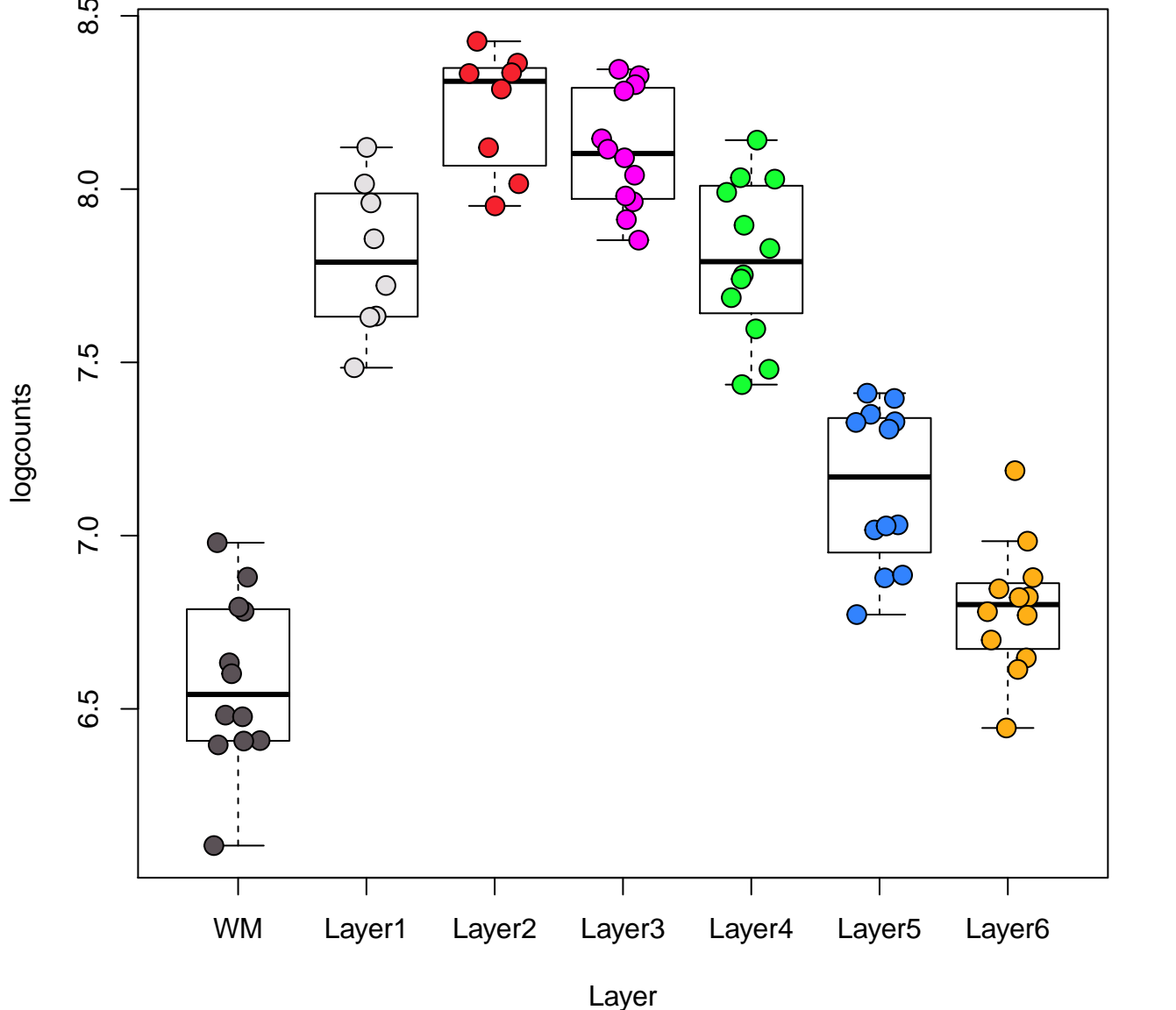
L4-L6\_r3;L5-L6\_r3;L4-WM\_r4;L5-WM\_r7;L4-L2\_r9;L4-L3\_r6



# VSTM2A ENSG00000170419 Layer4-Layer6

tstat 1.22e+01 p 3.89e-19

L2-L6\_r4;L3-L5\_r8;L3-L6\_r2;L4-L5\_r1;L4-L6\_r4;L2-WM\_r4;L3-WM\_r2

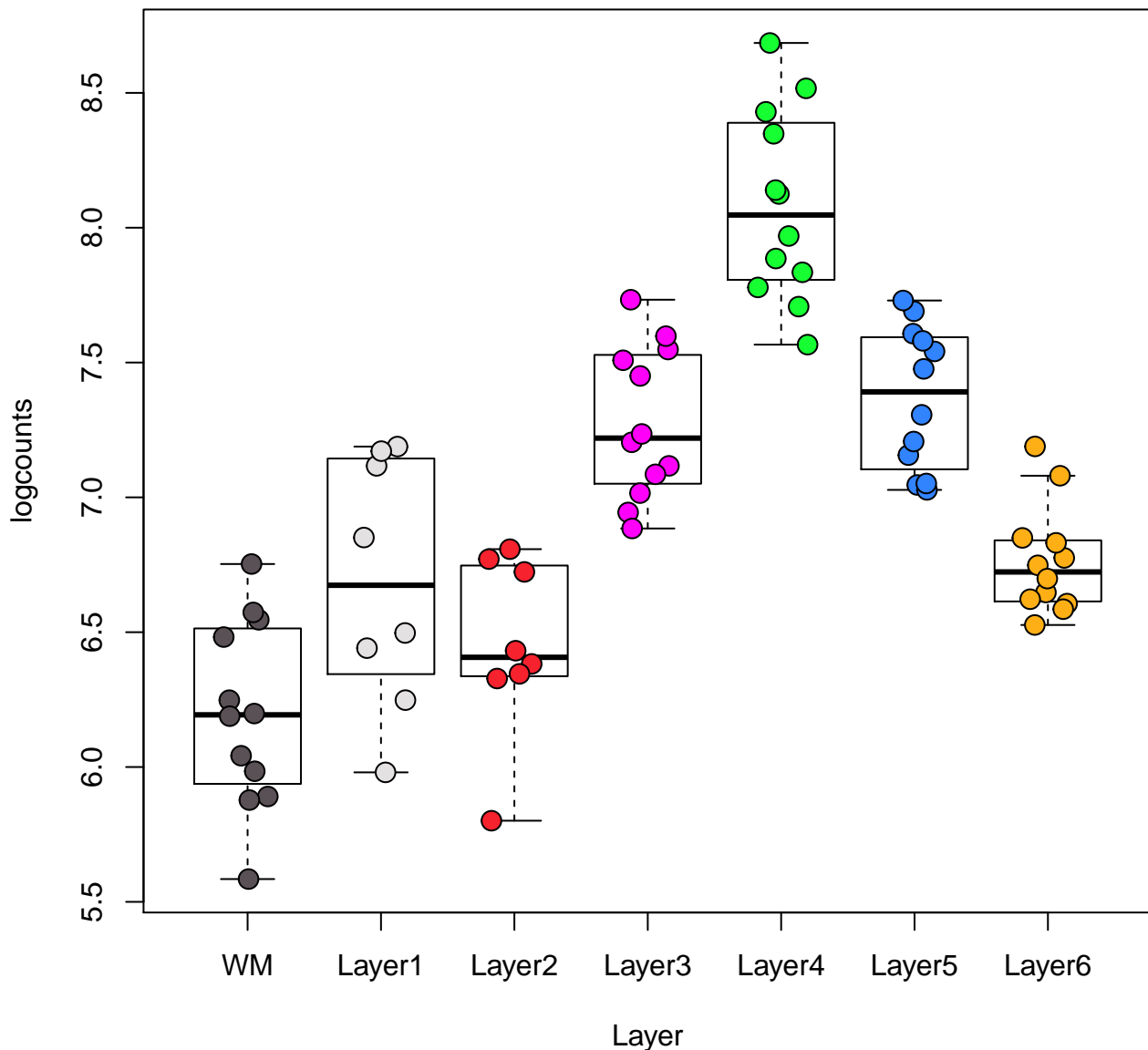




# VAMP1 ENSG00000139190 Layer4-Layer6

tstat 1.16e+01 p 4.06e-18

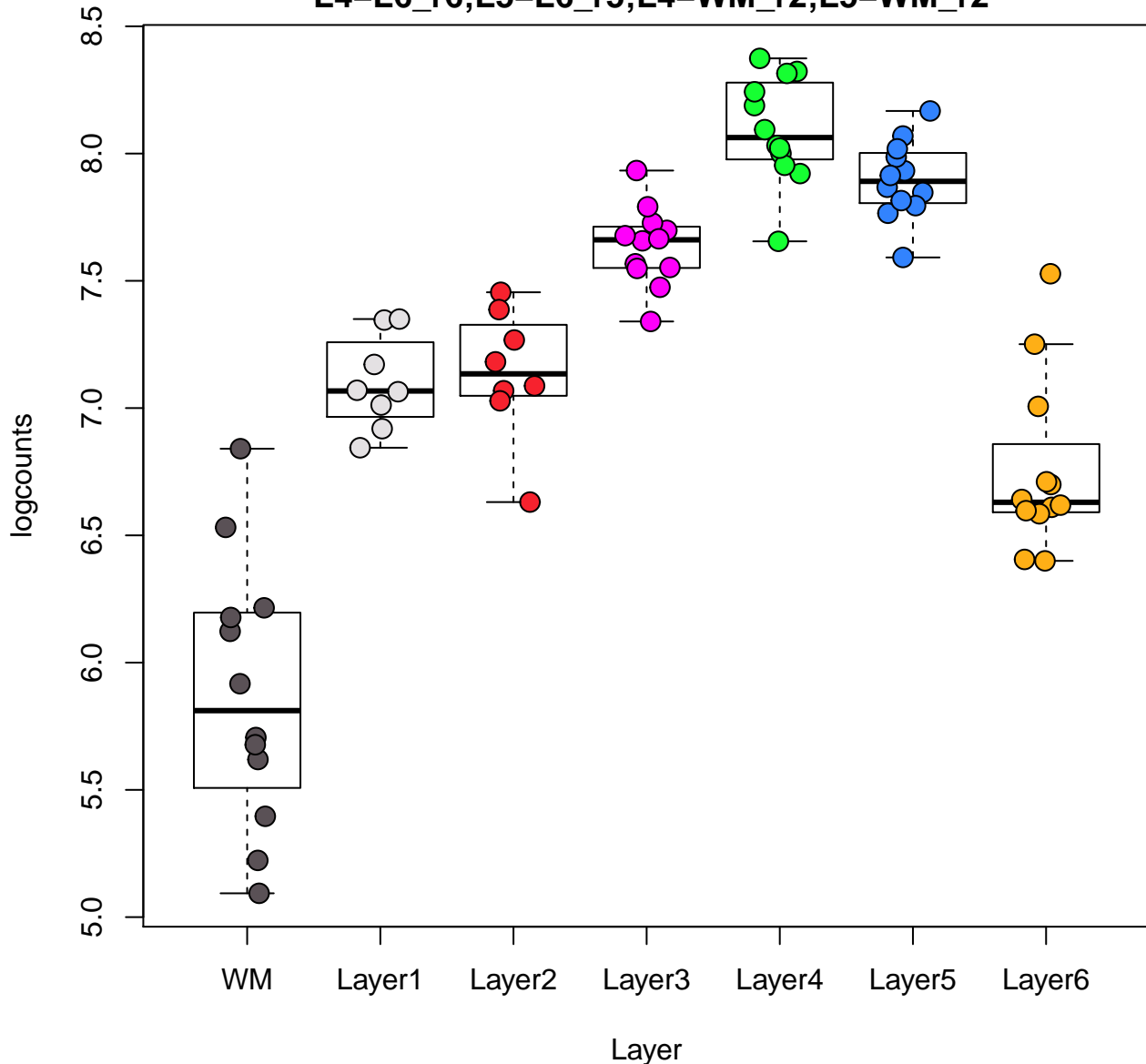
L4\_r1;L4-L6\_r5;L4-WM\_r9;L4-L1\_r9;L4-L2\_r3;L4-L3\_r3



PARM1 ENSG00000169116 Layer4-Layer6

tstat 1.16e+01 p 4.68e-18

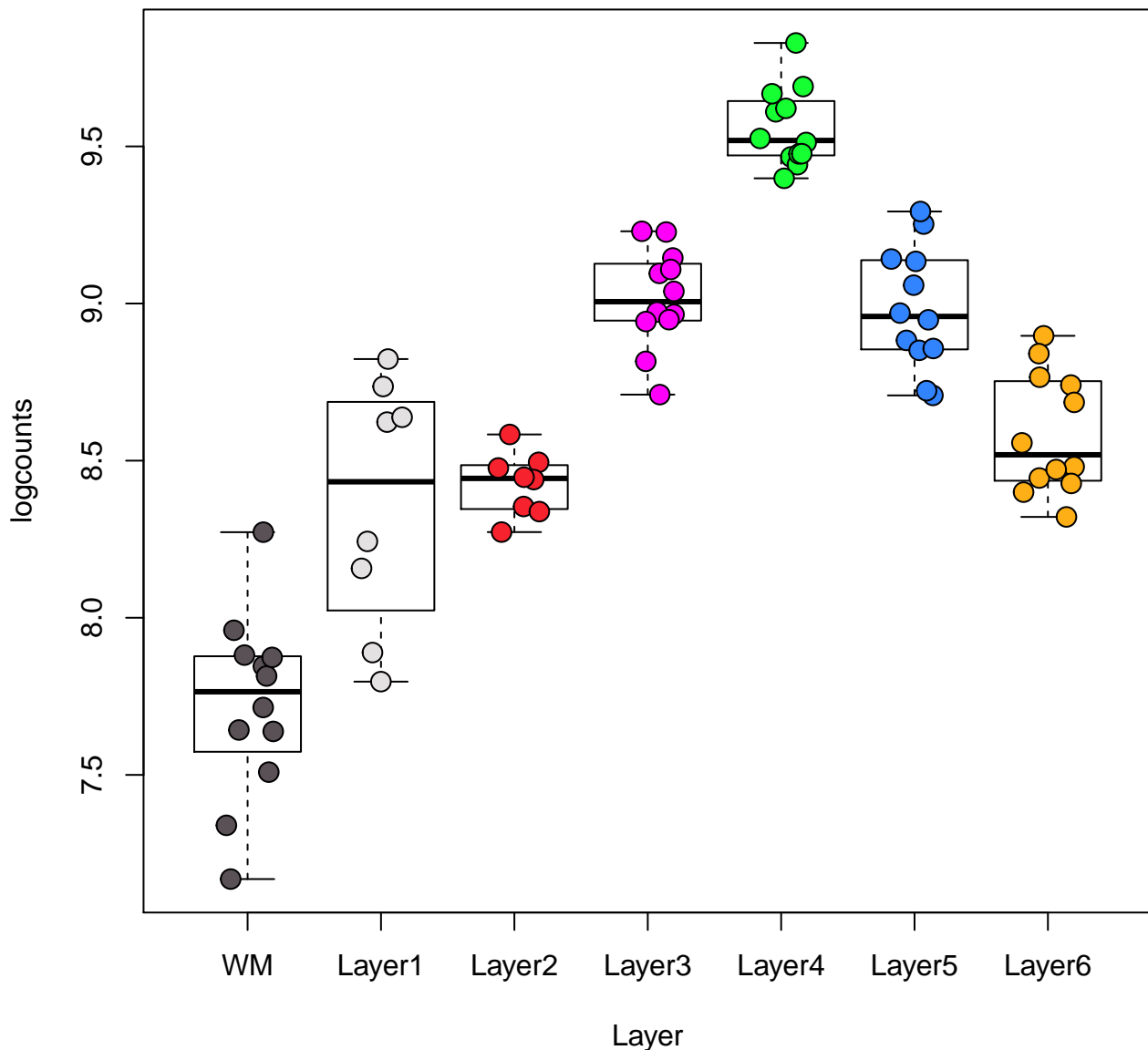
L4-L6\_r6;L5-L6\_r5;L4-WM\_r2;L5-WM\_r2



# SCN1B ENSG00000105711 Layer4-Layer6

tstat 1.12e+01 p 2.02e-17

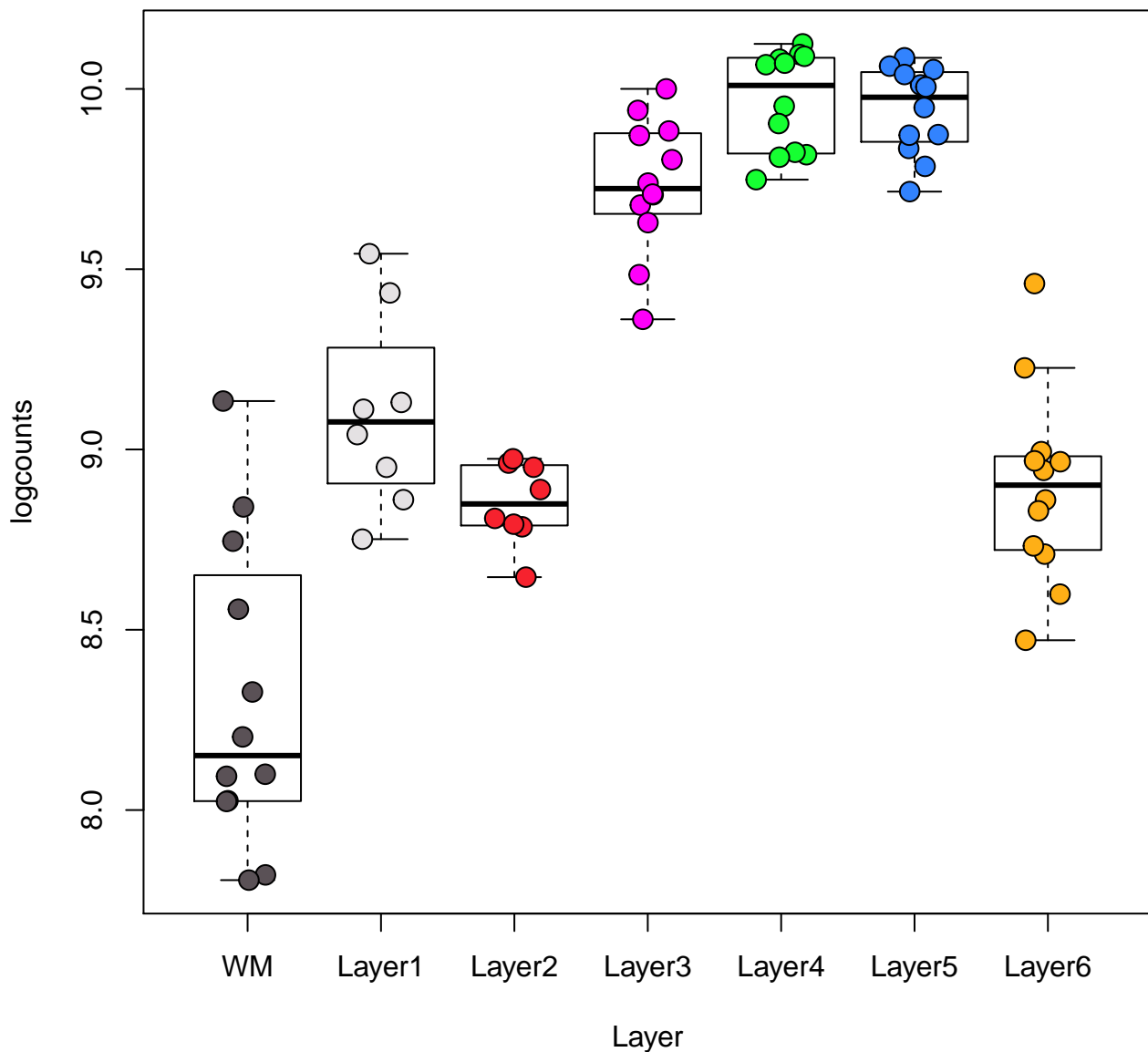
L4\_r5;L4-L5\_r10;L4-L6\_r7;L4-WM\_r1;L4-L1\_r6;L4-L2\_r6;L4-L3\_r10



# SNCG ENSG00000173267 Layer4-Layer6

tstat 1.09e+01 p 6.83e-17

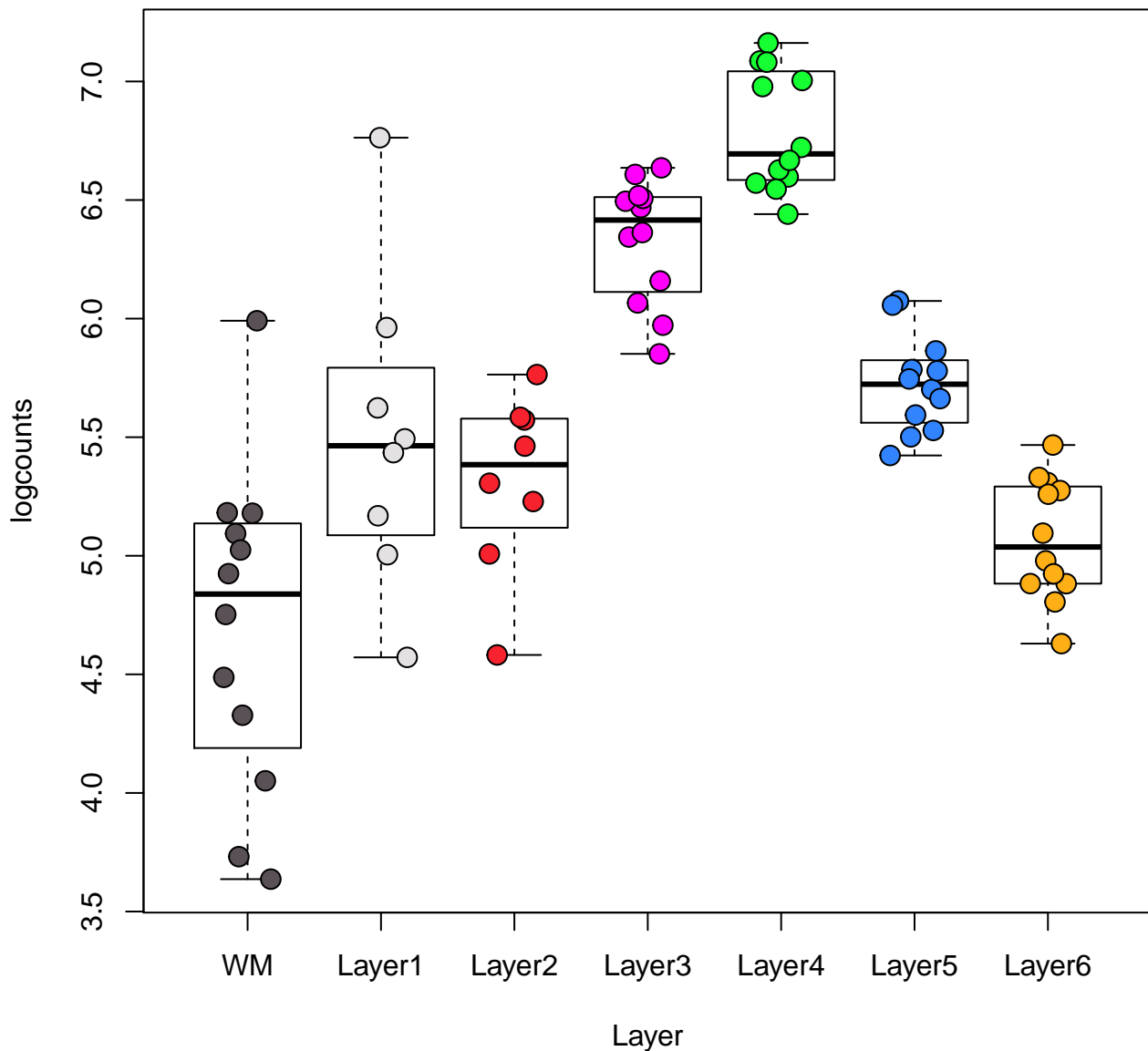
L4-L6\_r8;L5-L6\_r4;L4-WM\_r8;L5-WM\_r4;L3-L2\_r4



# NGB ENSG00000165553 Layer4–Layer6

tstat 1.08e+01 p 1.23e-16

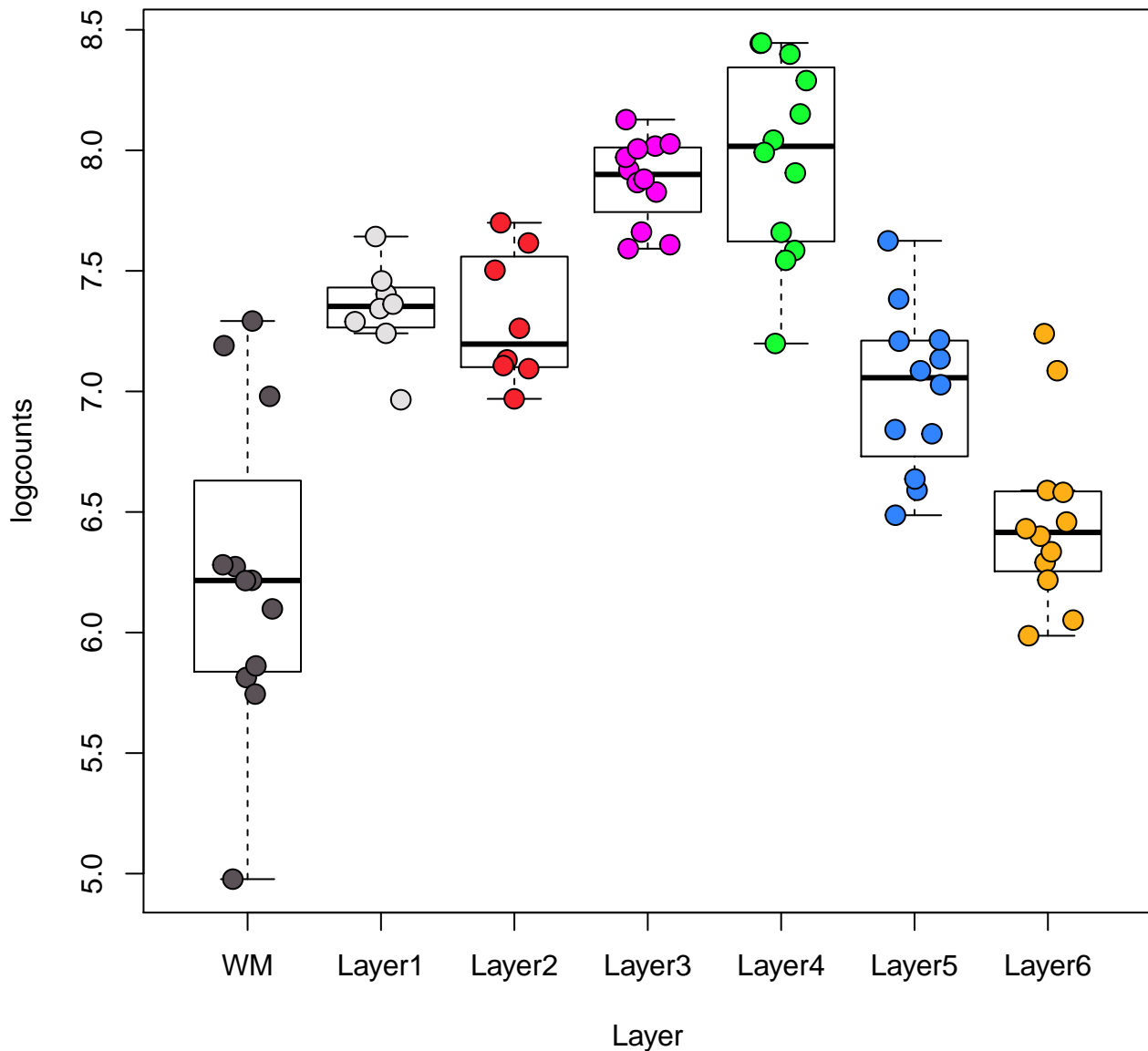
L4\_r6;L4–L5\_r7;L4–L6\_r9



# GPX3 ENSG00000211445 Layer4-Layer6

tstat 1.03e+01 p 7.89e-16

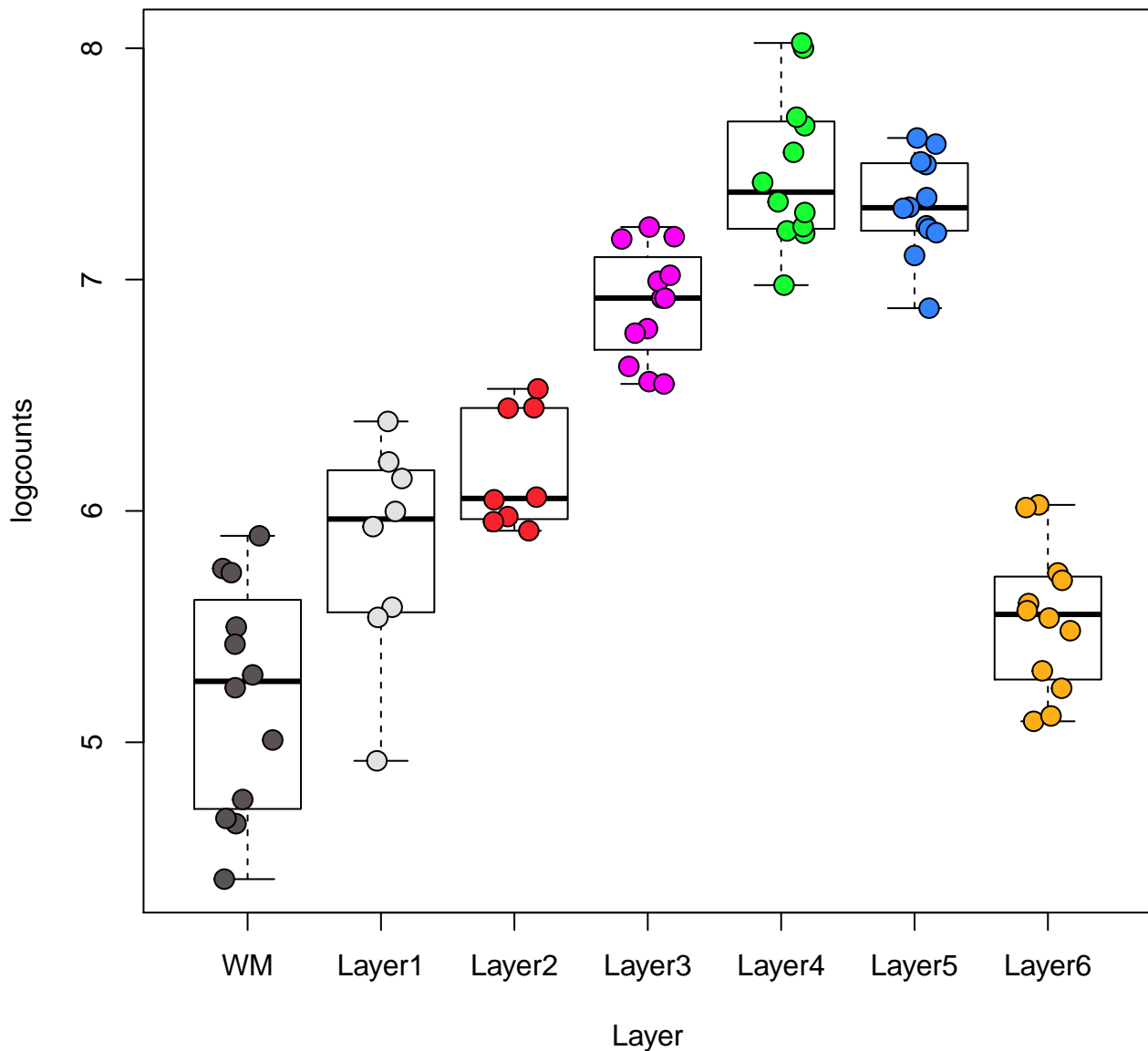
L4-L5\_r8;L4-L6\_r10



# FRMPD2 ENSG00000170324 Layer5-Layer6

tstat 1.34e+01 p 3.46e-21

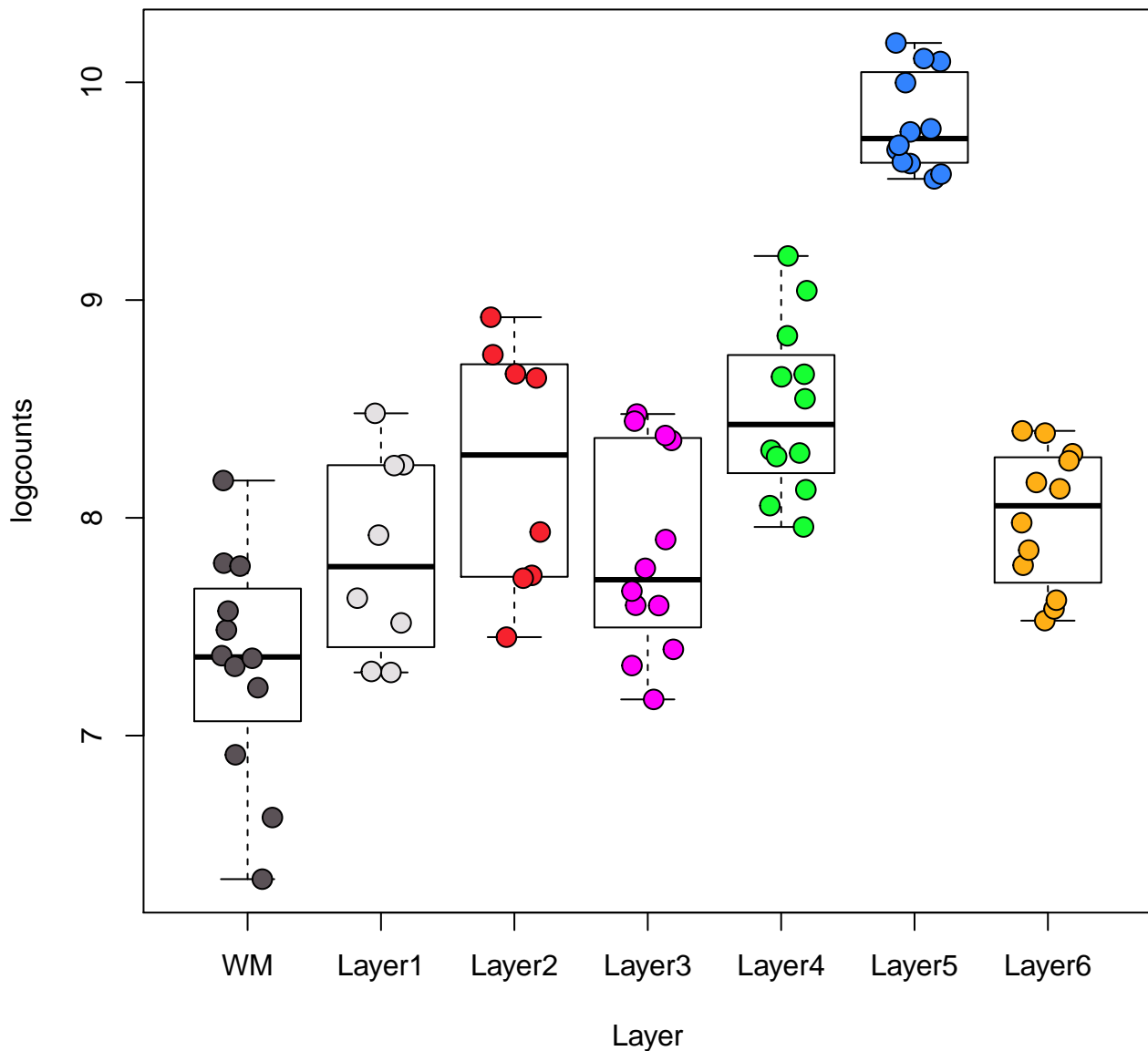
L4-L6\_r1;L5-L6\_r1;L4-WM\_r7;L5-WM\_r9



# PCP4 ENSG00000183036 Layer5-Layer6

tstat 1.23e+01 p 2.85e-19

L5\_r1;L5-L6\_r2;L5-WM\_r3;L5-L3\_r4;L5-L4\_r6

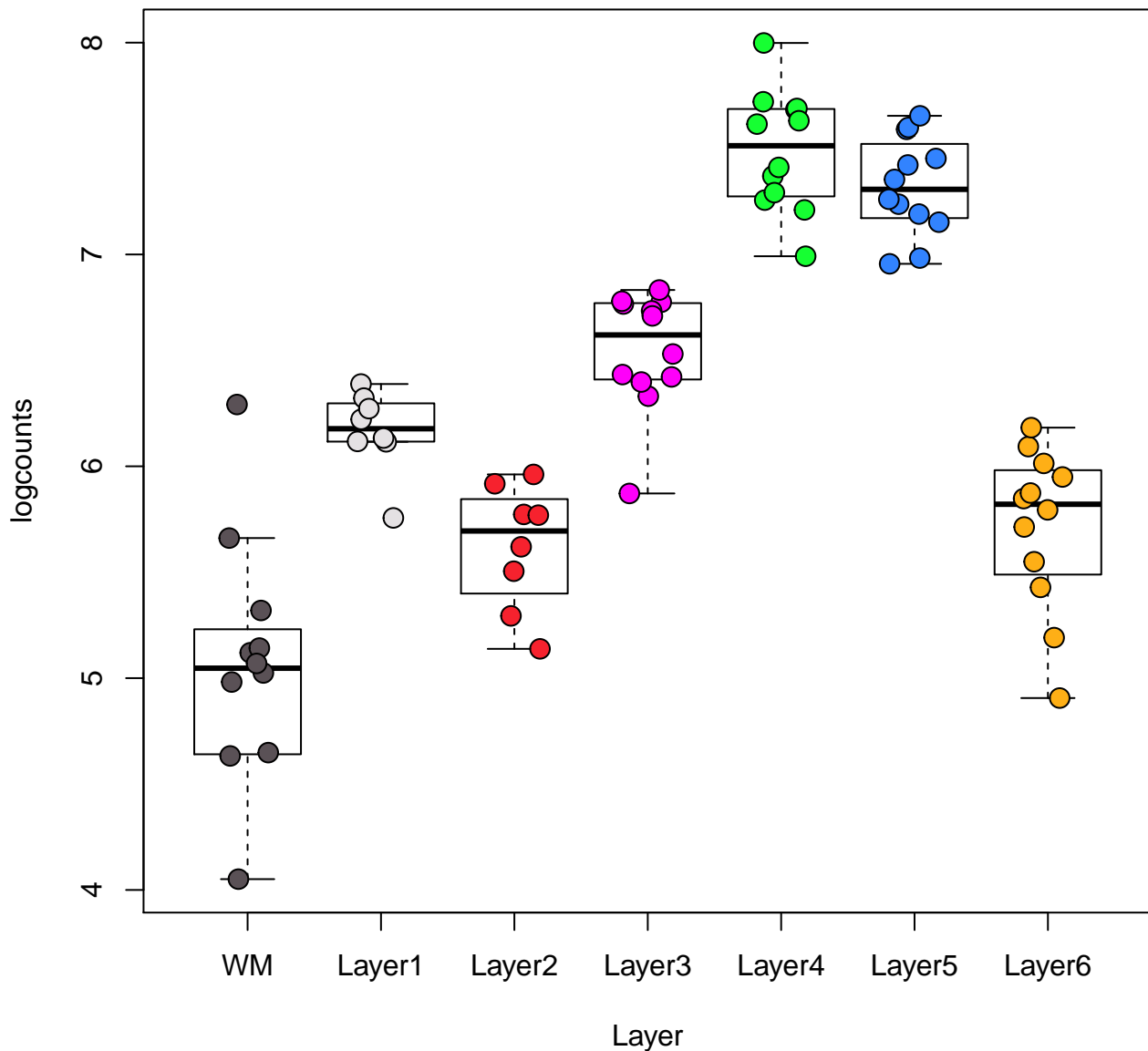




# RORB ENSG00000198963 Layer5-Layer6

tstat 1.11e+01 p 3.89e-17

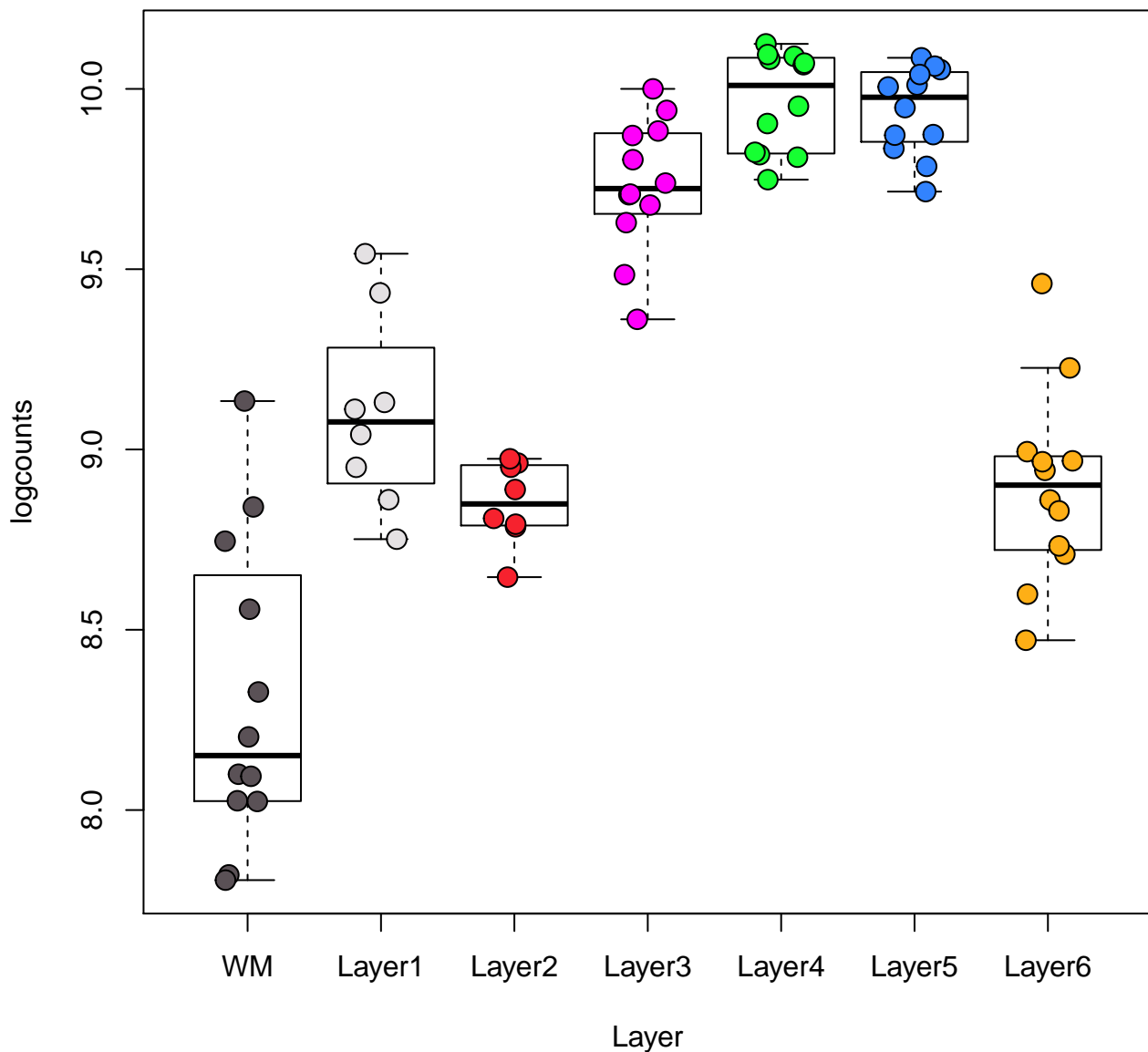
L4-L6\_r3;L5-L6\_r3;L4-WM\_r4;L5-WM\_r7;L4-L2\_r9;L4-L3\_r6



# SNCG ENSG00000173267 Layer5-Layer6

tstat 1.07e+01 p 1.97e-16

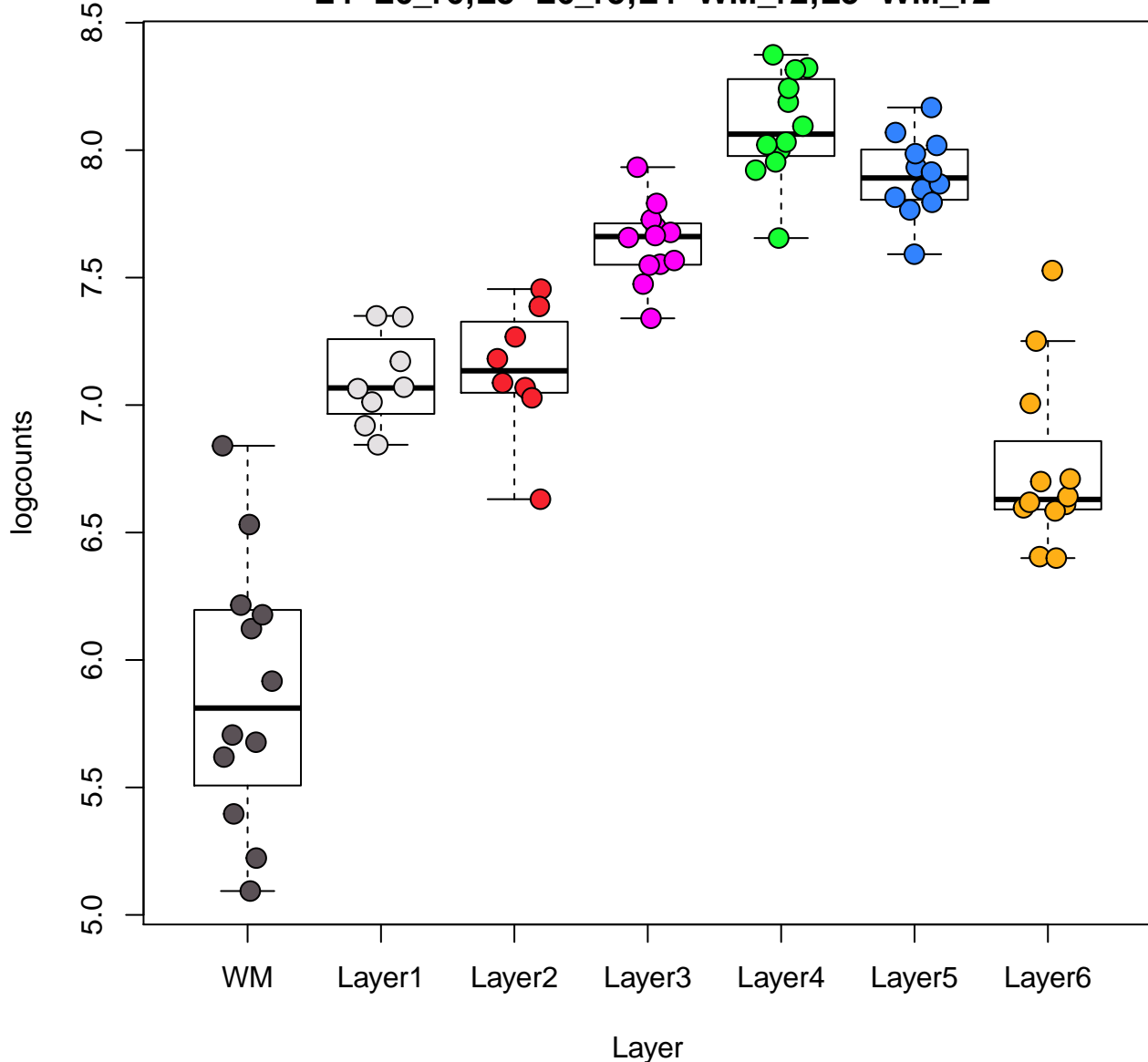
L4-L6\_r8;L5-L6\_r4;L4-WM\_r8;L5-WM\_r4;L3-L2\_r4



PARM1 ENSG00000169116 Layer5-Layer6

tstat 9.89e+00 p 5.19e-15

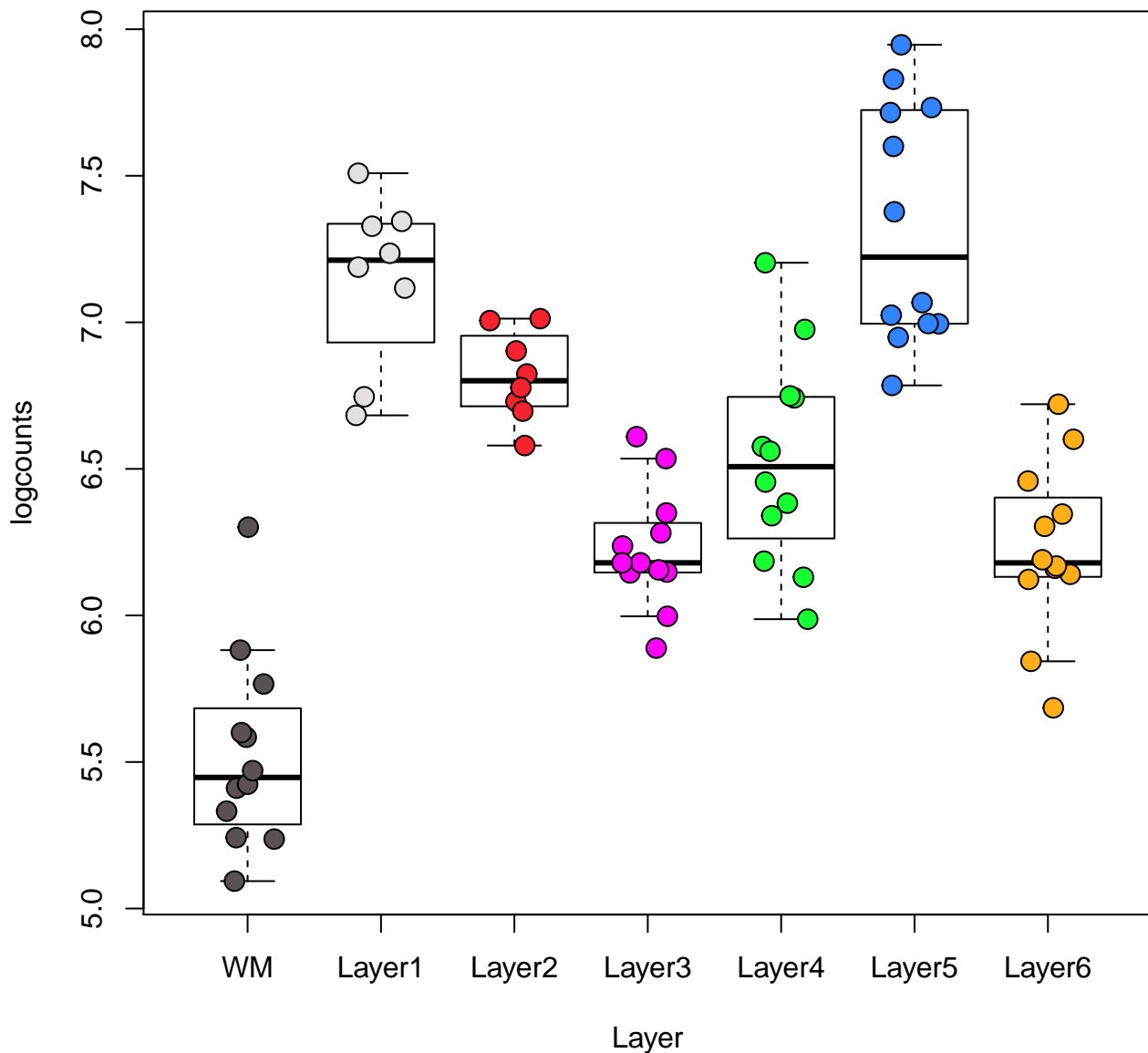
L4-L6\_r6;L5-L6\_r5;L4-WM\_r2;L5-WM\_r2



# PCP4L1 ENSG00000248485 Layer5-Layer6

tstat 9.21e+00 p 9.34e-14

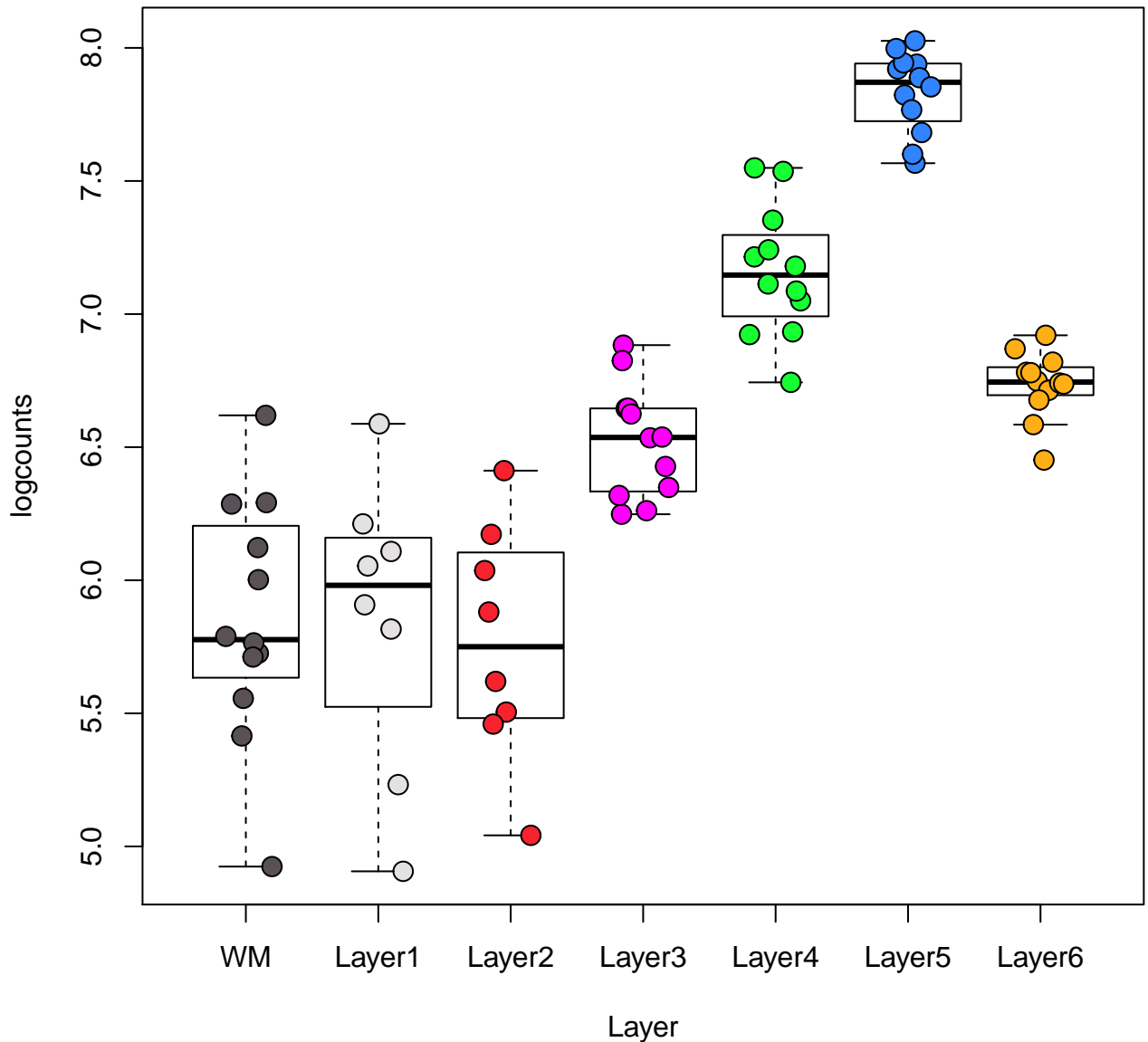
L5-L6\_r6



# SMYD2 ENSG00000143499 Layer5-Layer6

tstat 8.91e+00 p 3.23e-13

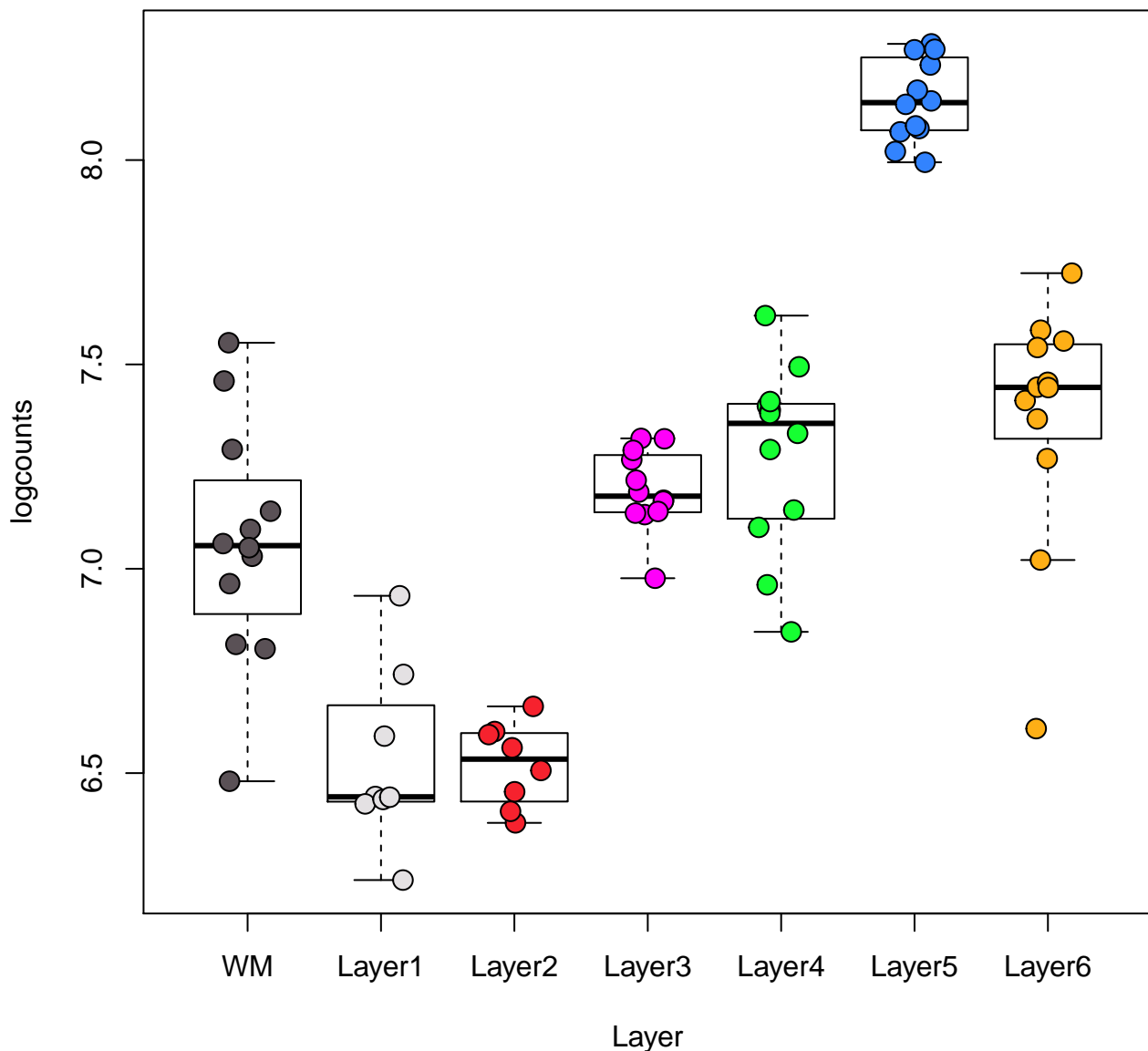
L5\_r3;L5-L6\_r7;L5-WM\_r8;L5-L1\_r6;L5-L2\_r4



**CAMK2D ENSG00000145349 Layer5-Layer6**

**tstat 8.90e+00 p 3.50e-13**

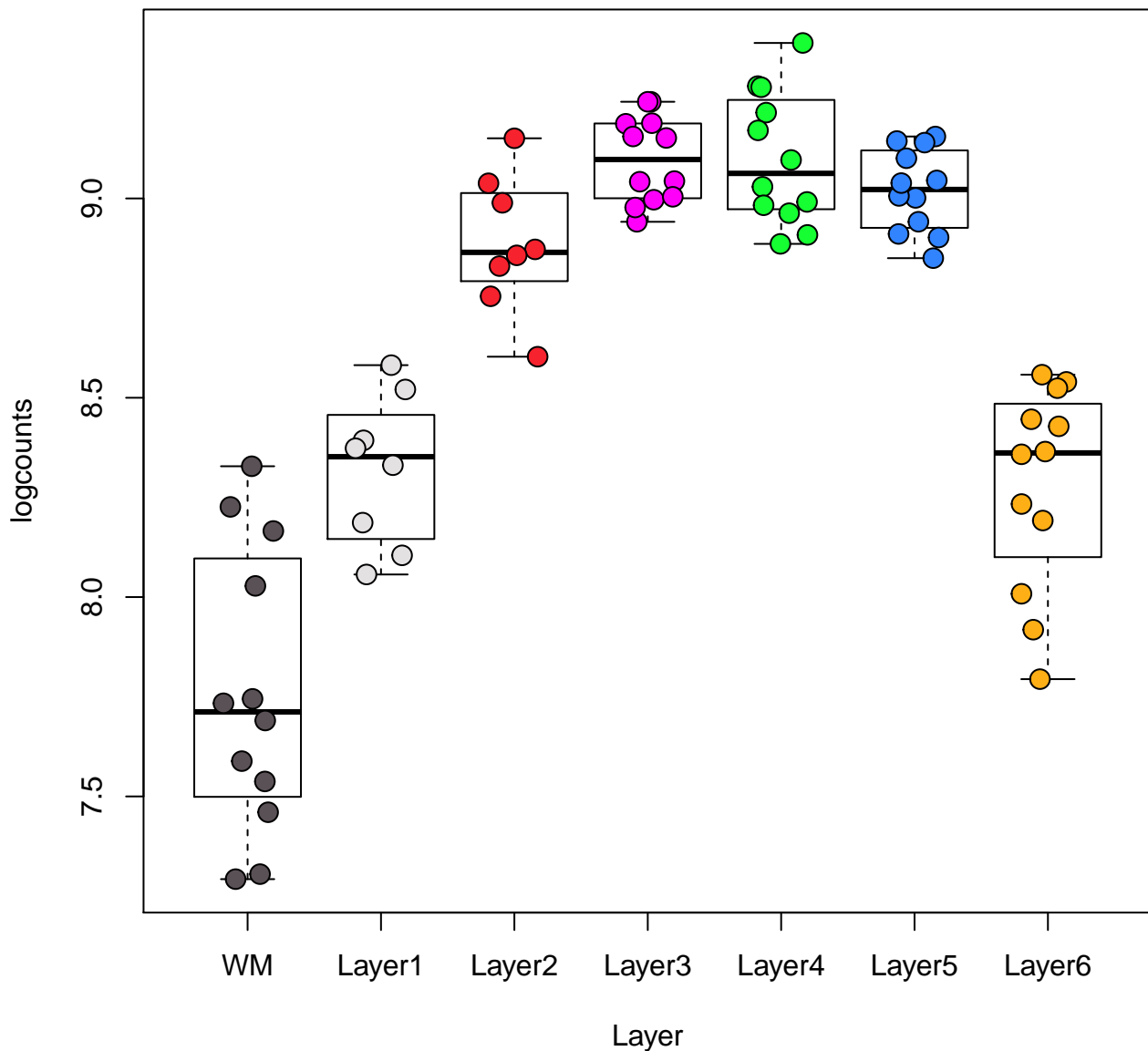
**L5\_r2;L5-L6\_r8;L5-L1\_r2;L5-L2\_r2;L5-L4\_r2**



# CRYM ENSG00000103316 Layer5-Layer6

tstat 8.85e+00 p 4.30e-13

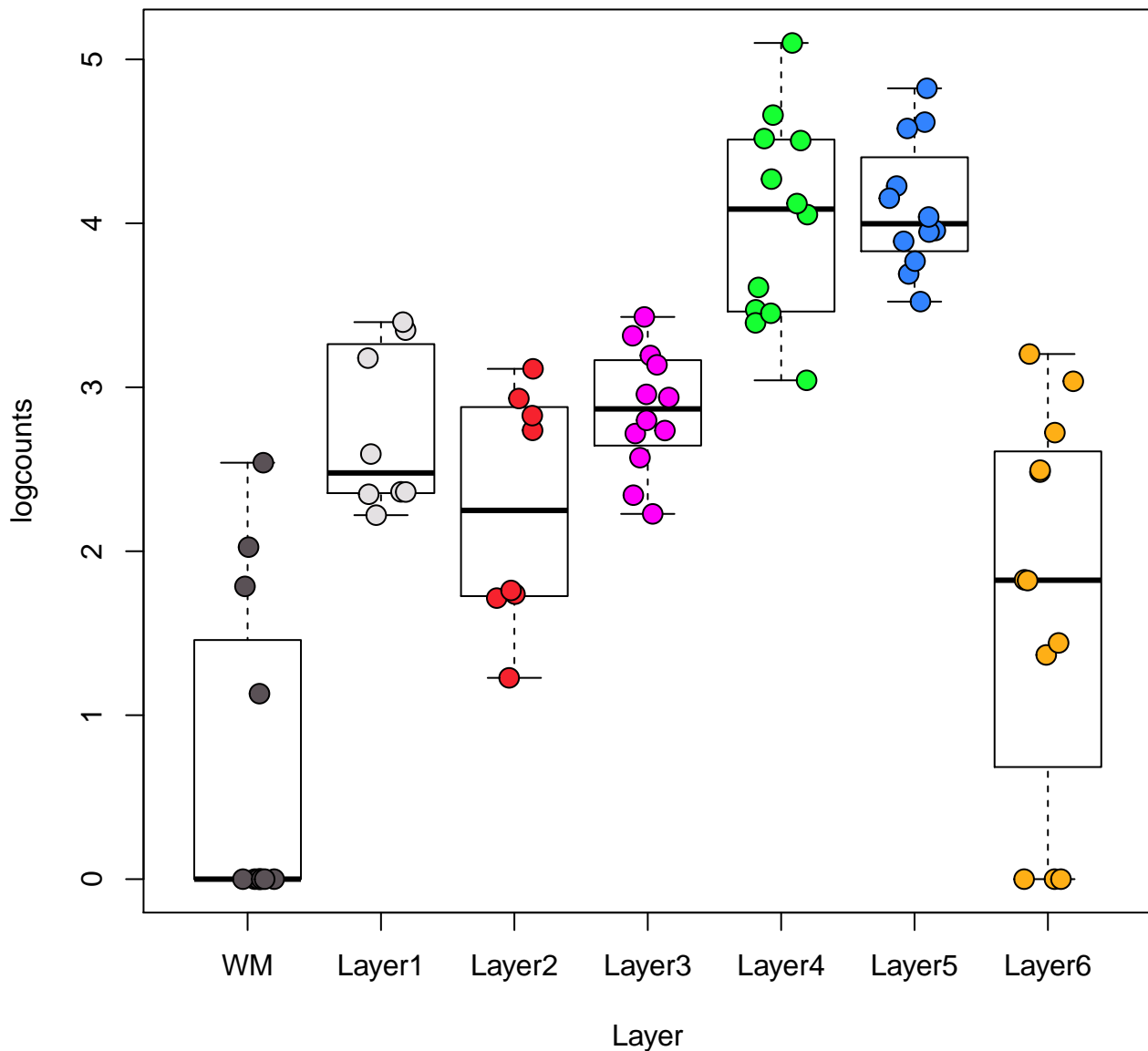
L5-L6\_r9;L3-WM\_r7



# CCDC68 ENSG00000166510 Layer5-Layer6

tstat 8.14e+00 p 8.93e-12

L5-L6\_r10

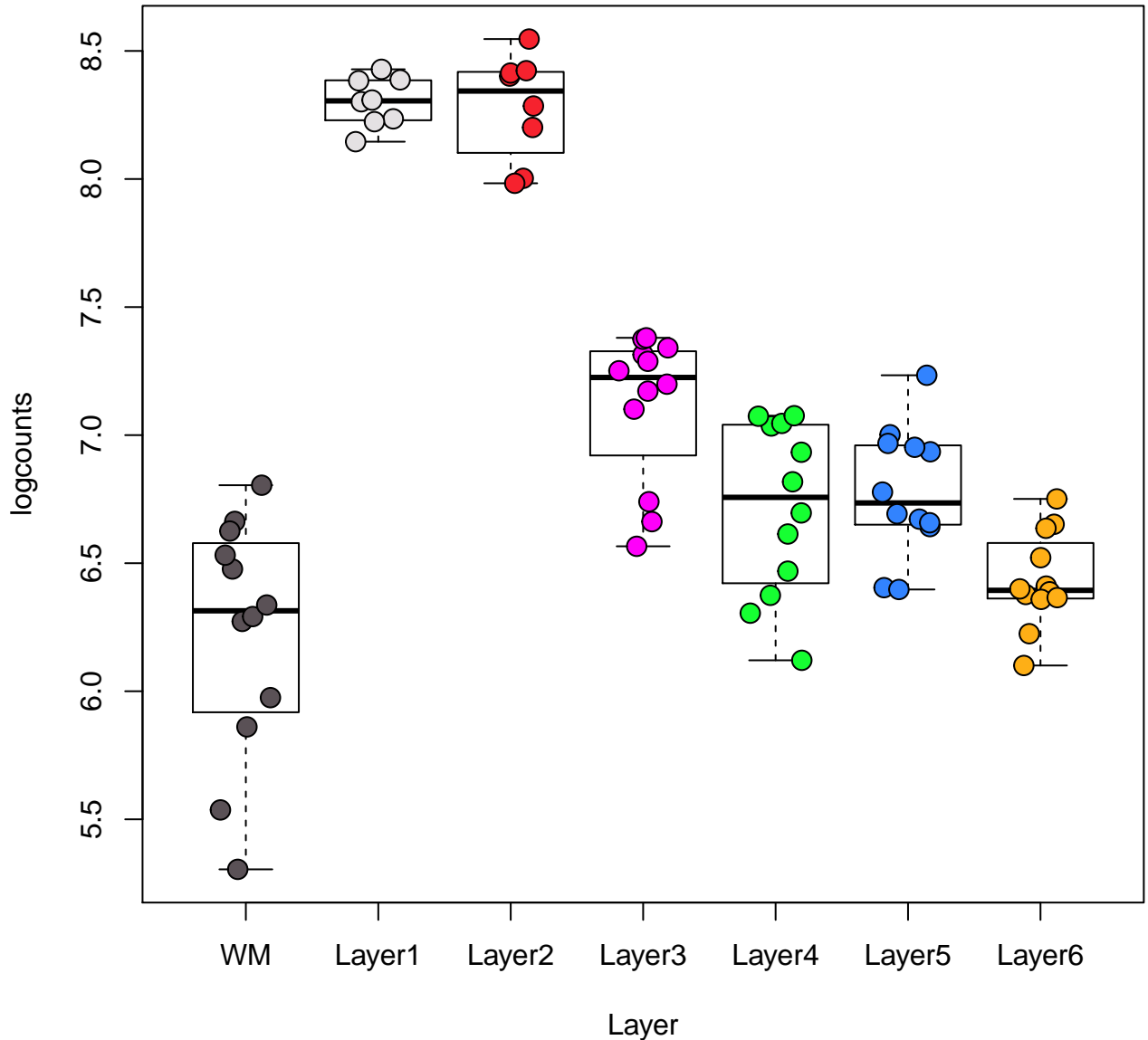




# CNR1 ENSG00000118432 Layer1-WM

tstat 1.64e+01 p 7.54e-26

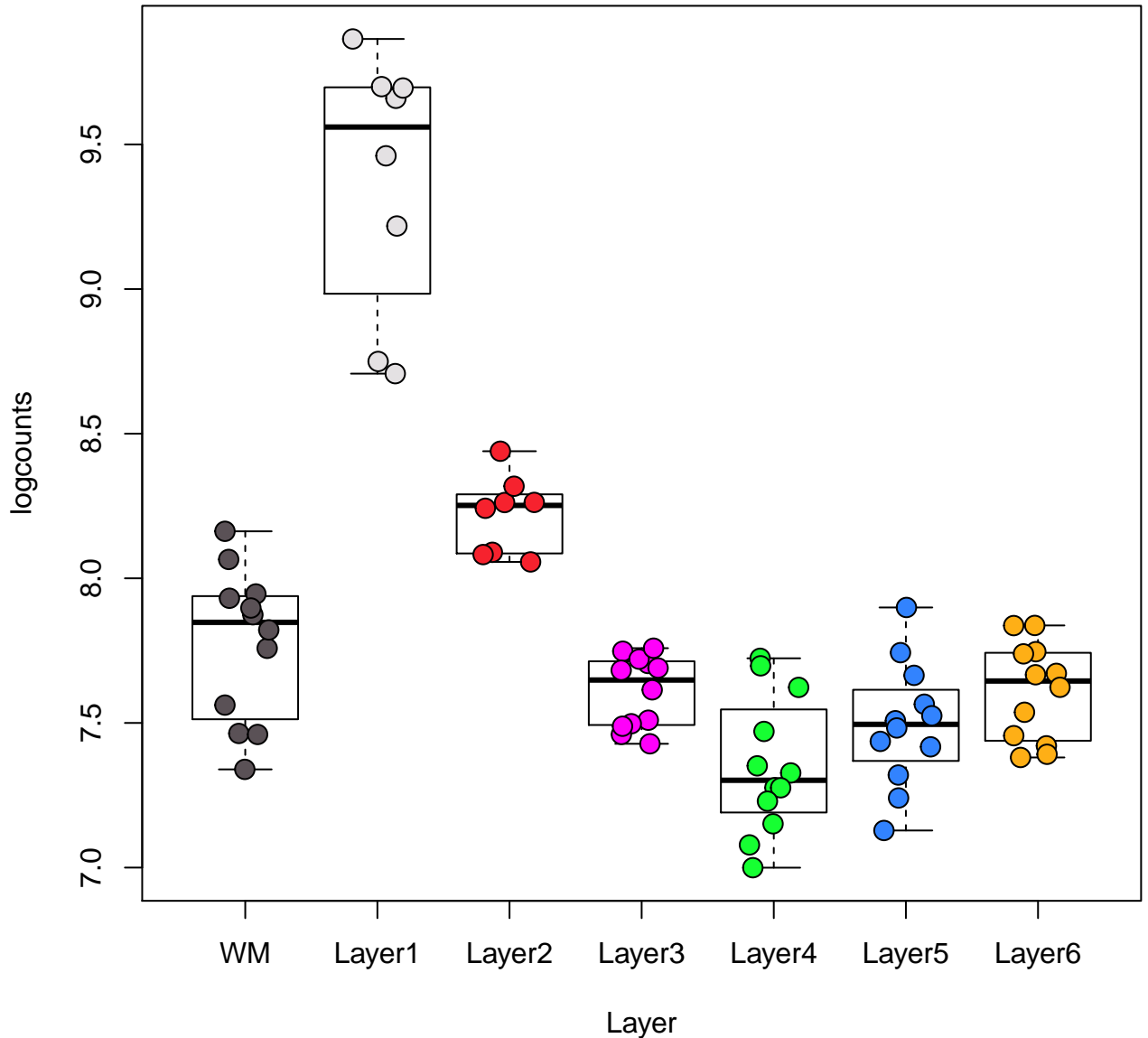
L1-L6\_r3;L2-L3\_r5;L2-L4\_r9;L2-L6\_r5;L1-WM\_r1;L2-WM\_r9



# MT1G ENSG00000125144 Layer1-WM

tstat 1.59e+01 p 4.31e-25

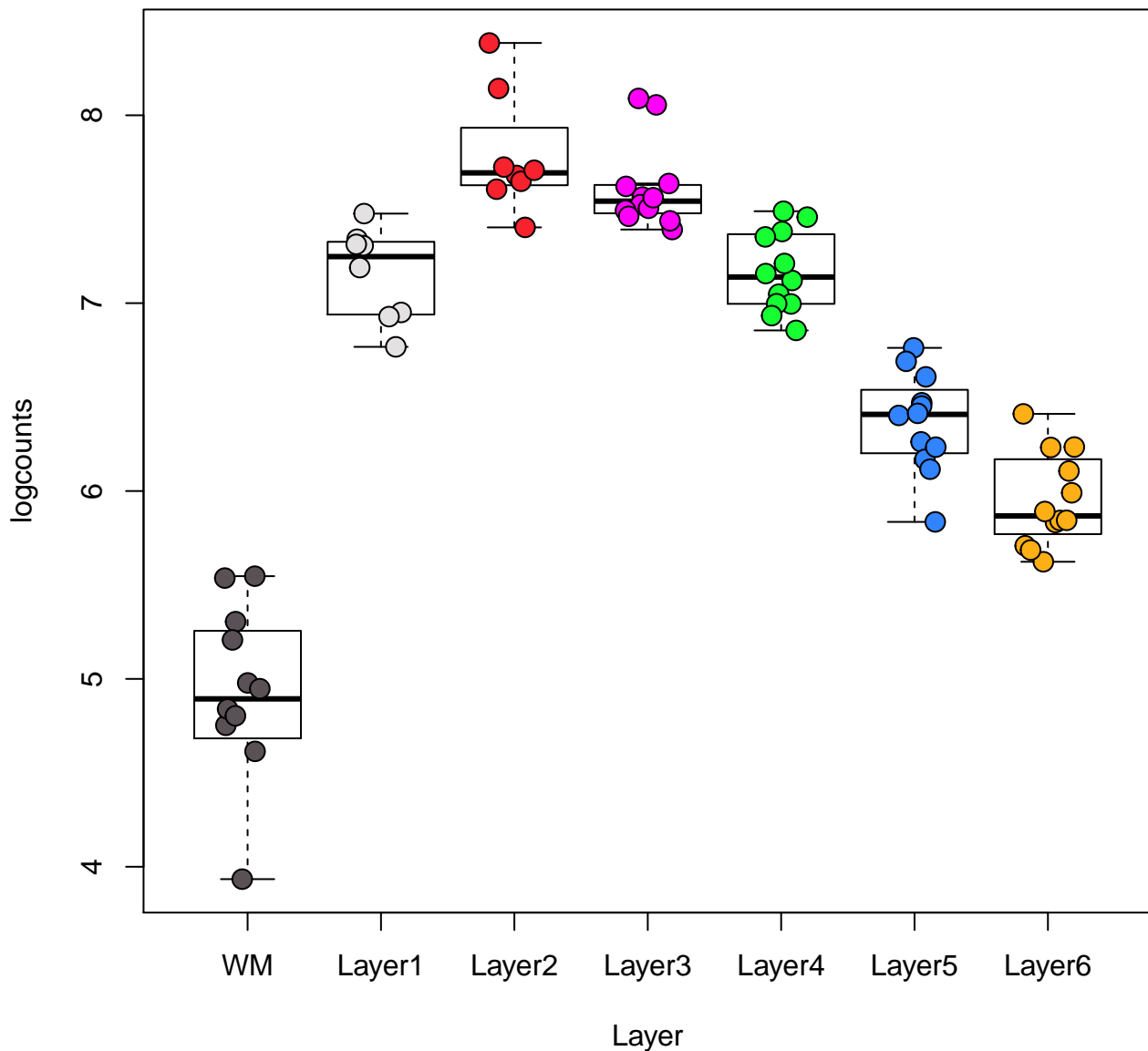
L1\_r1;L1-L2\_r3;L1-L3\_r1;L1-L4\_r1;L1-L5\_r1;L1-L6\_r1;L1-WM\_r2



# CBLN4 ENSG00000054803 Layer1-WM

tstat 1.58e+01 p 6.21e-25

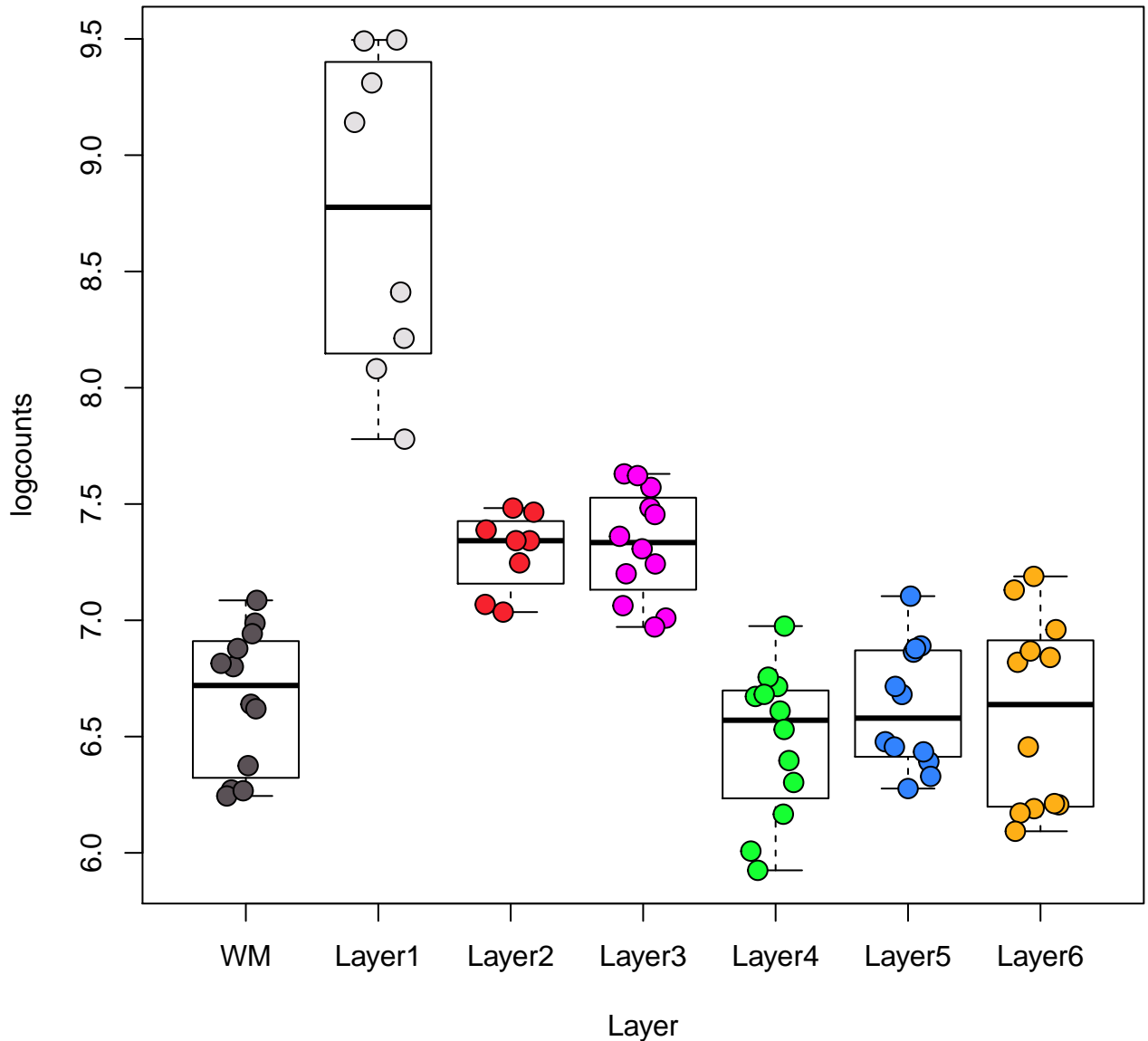
L2-L6\_r9;L3-L6\_r4;L1-WM\_r3;L2-WM\_r2;L3-WM\_r1;L4-WM\_r3



# FABP7 ENSG00000164434 Layer1-WM

tstat 1.51e+01 p 6.28e-24

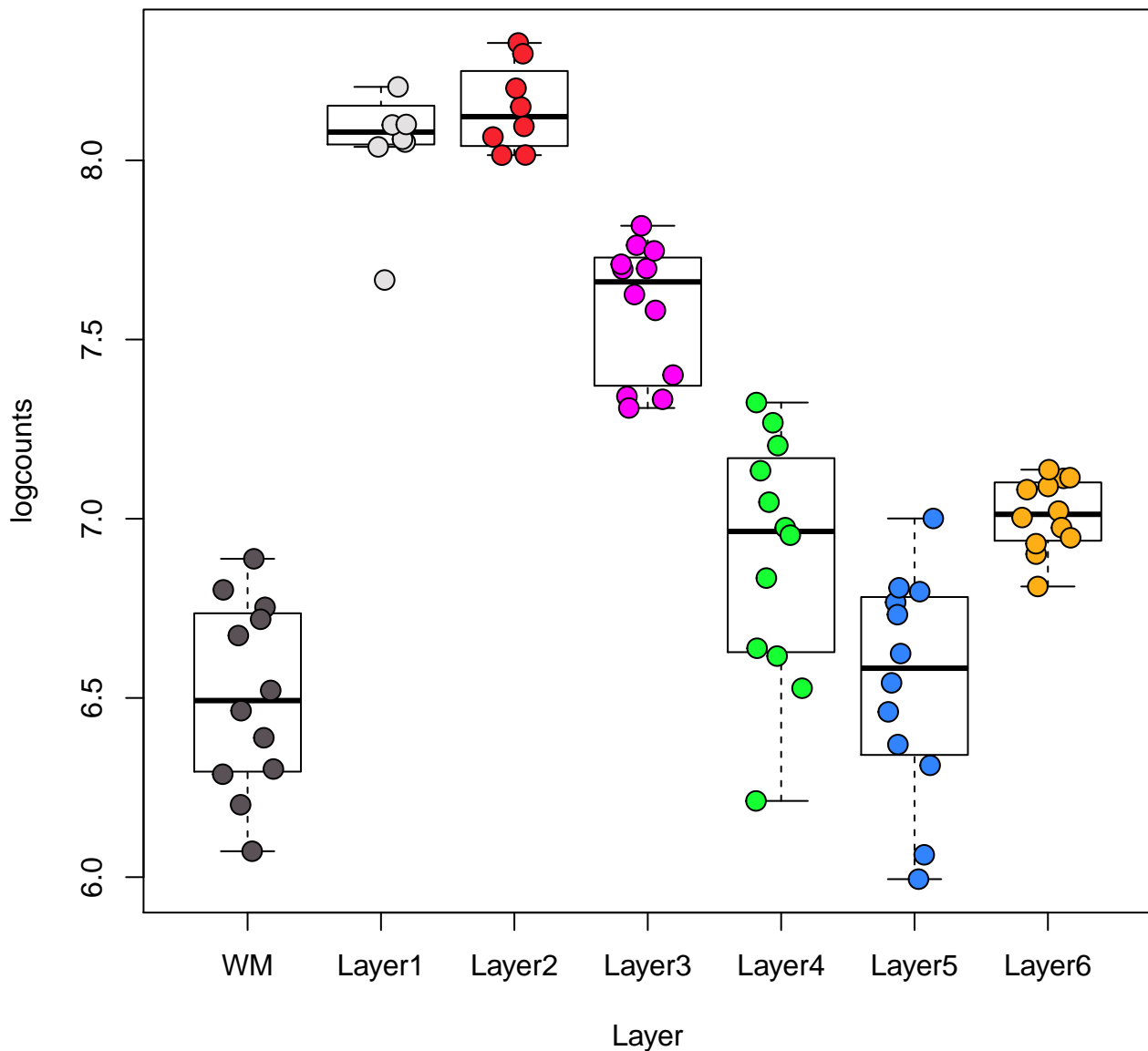
L1\_r3;L1-L2\_r8;L1-L4\_r2;L1-L5\_r2;L1-L6\_r2;L1-WM\_r4



# NECAB2 ENSG00000103154 Layer1-WM

tstat 1.44e+01 p 9.31e-23

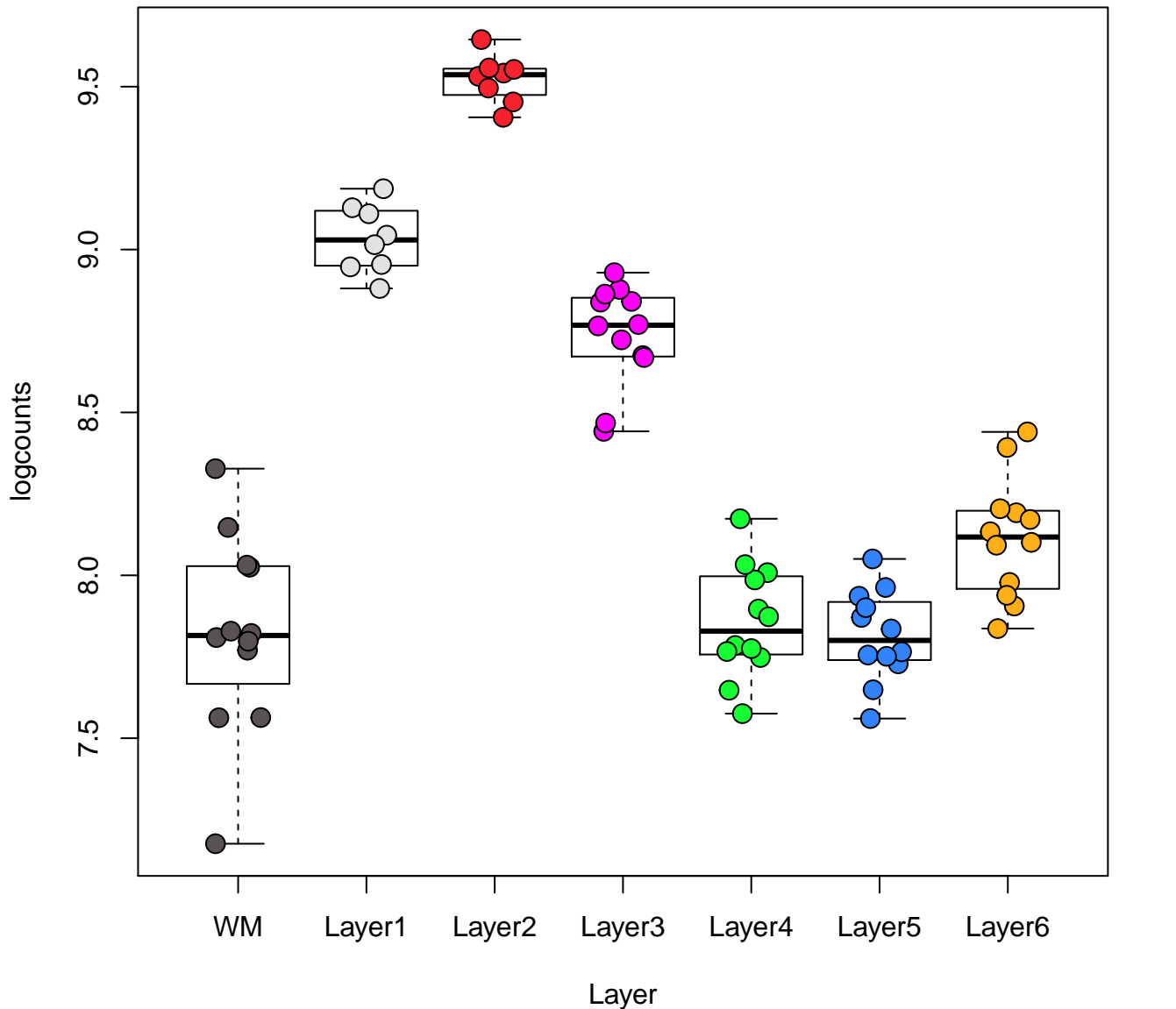
L1-L5\_r6;L2-L5\_r9;L1-WM\_r5



# SERPINE2 ENSG00000135919 Layer1-WM

tstat 1.43e+01 p 1.02e-22

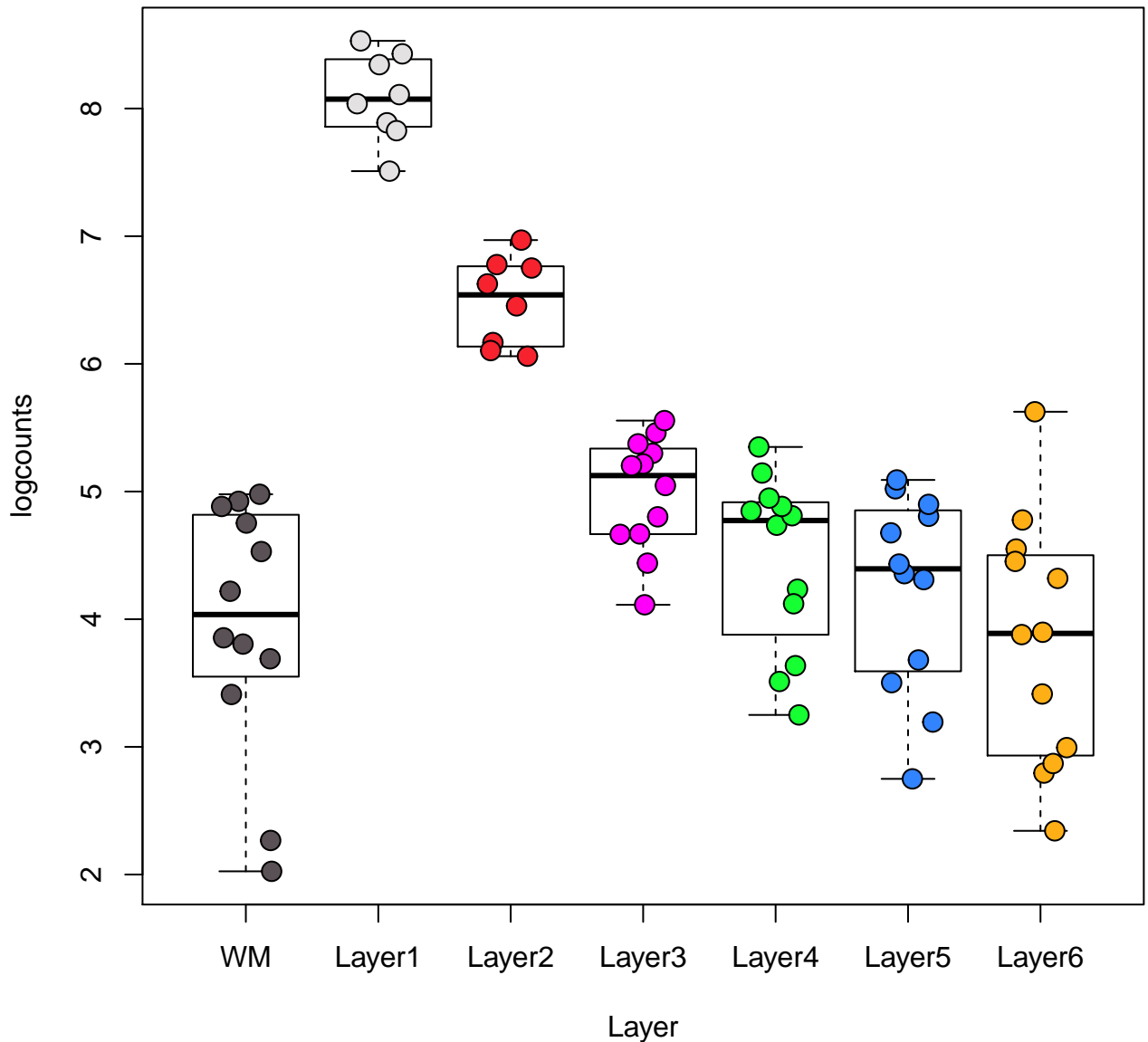
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



# RELN ENSG00000189056 Layer1-WM

tstat 1.42e+01 p 1.79e-22

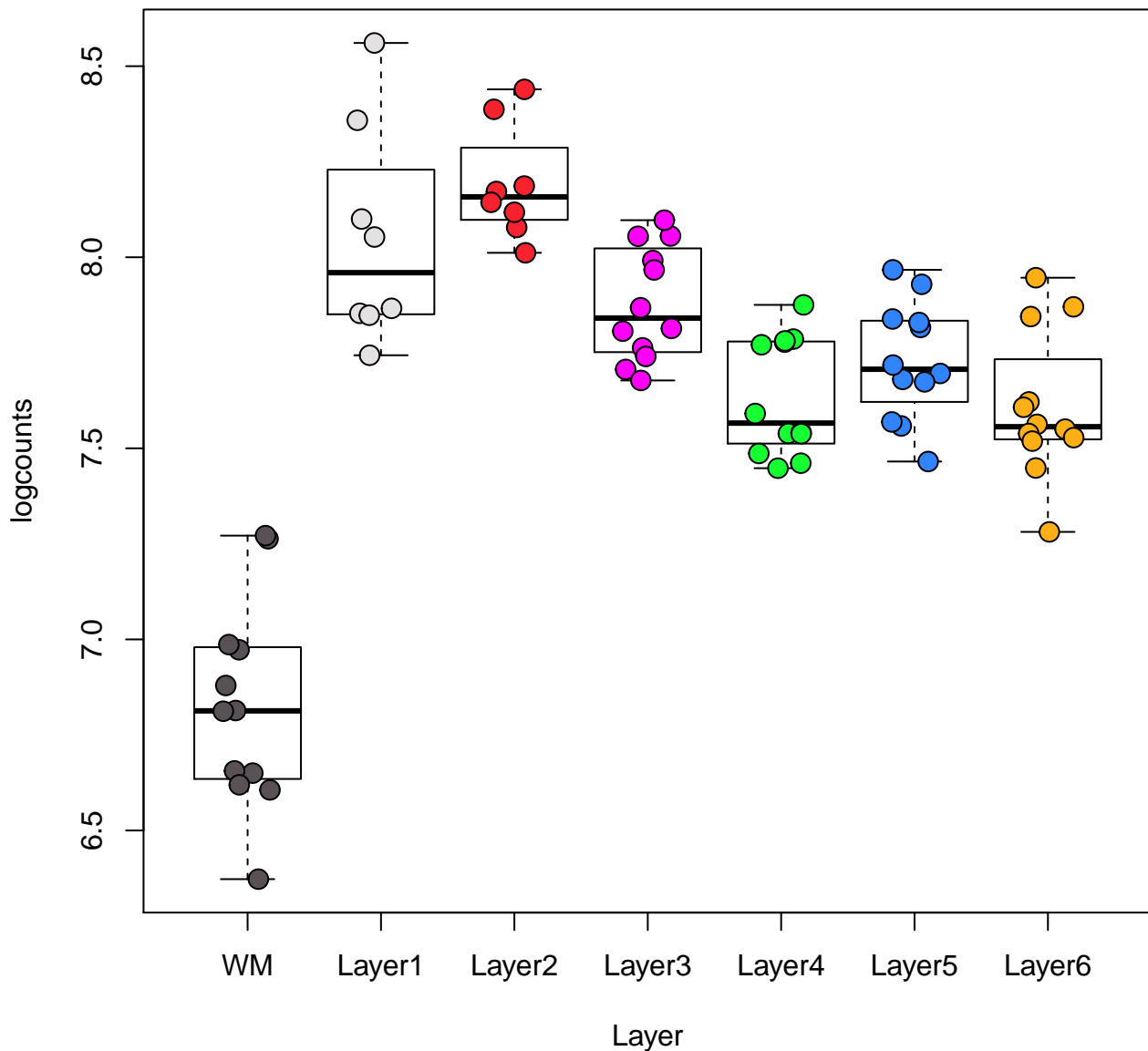
L1-L5\_r8;L1-L6\_r4;L1-WM\_r7



# ADGRB1 ENSG00000181790 Layer1-WM

tstat 1.39e+01 p 5.80e-22

L1-WM\_r8

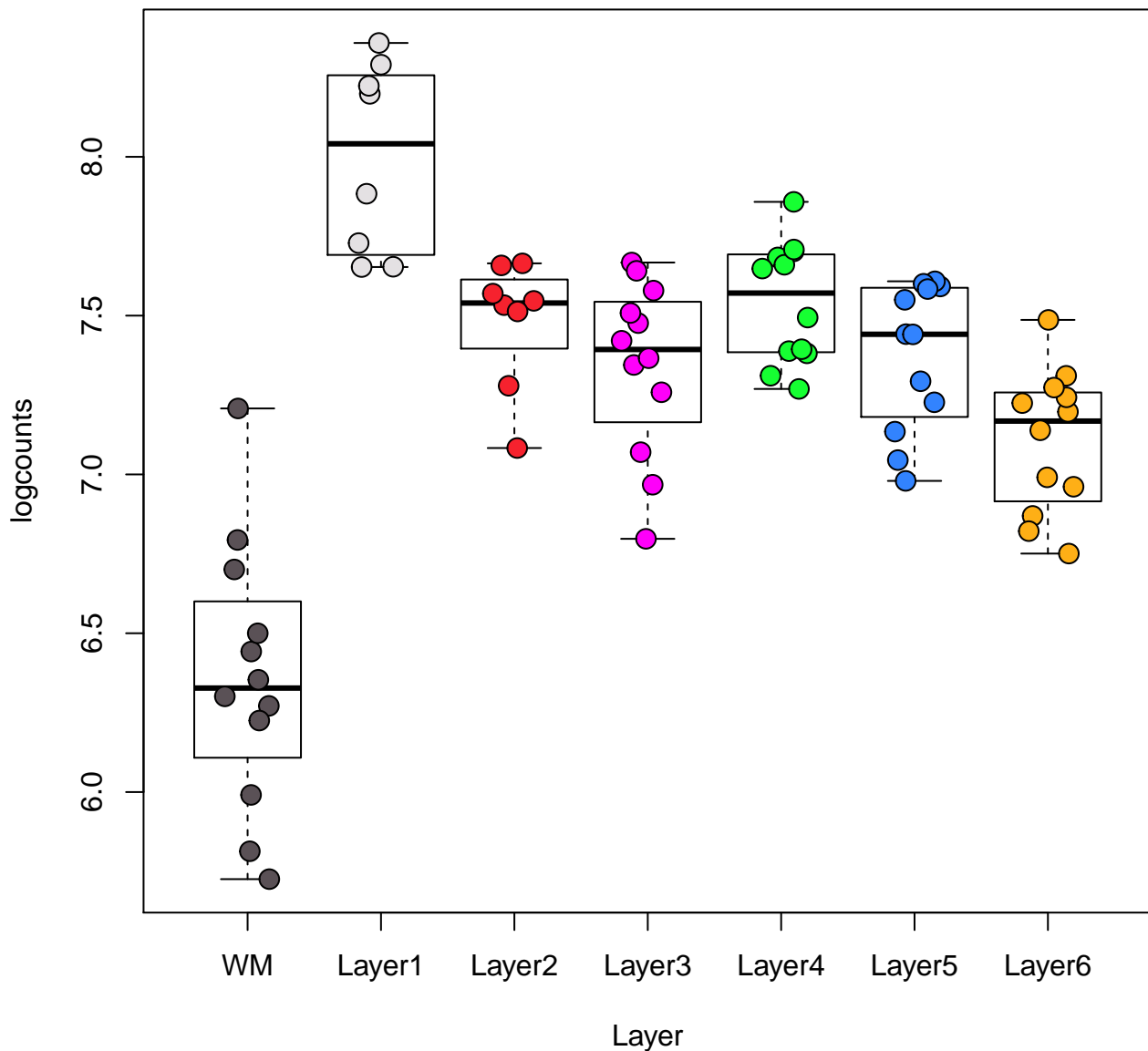




**GAD2 ENSG00000136750 Layer1-WM**

**tstat 1.35e+01 p 2.92e-21**

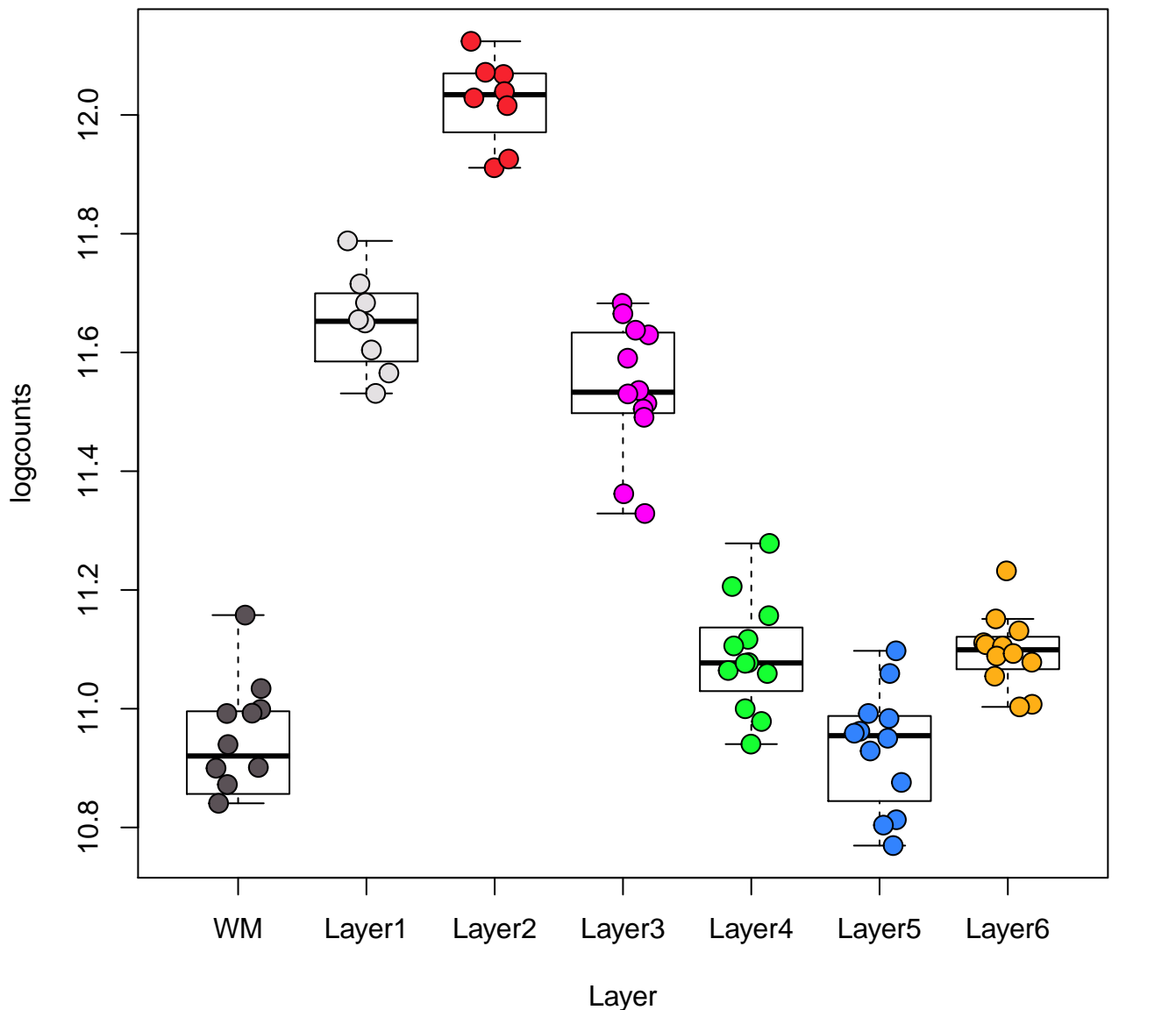
**L1-WM\_r9**



# CAMK2N1 ENSG00000162545 Layer1-WM

tstat 1.32e+01 p 7.16e-21

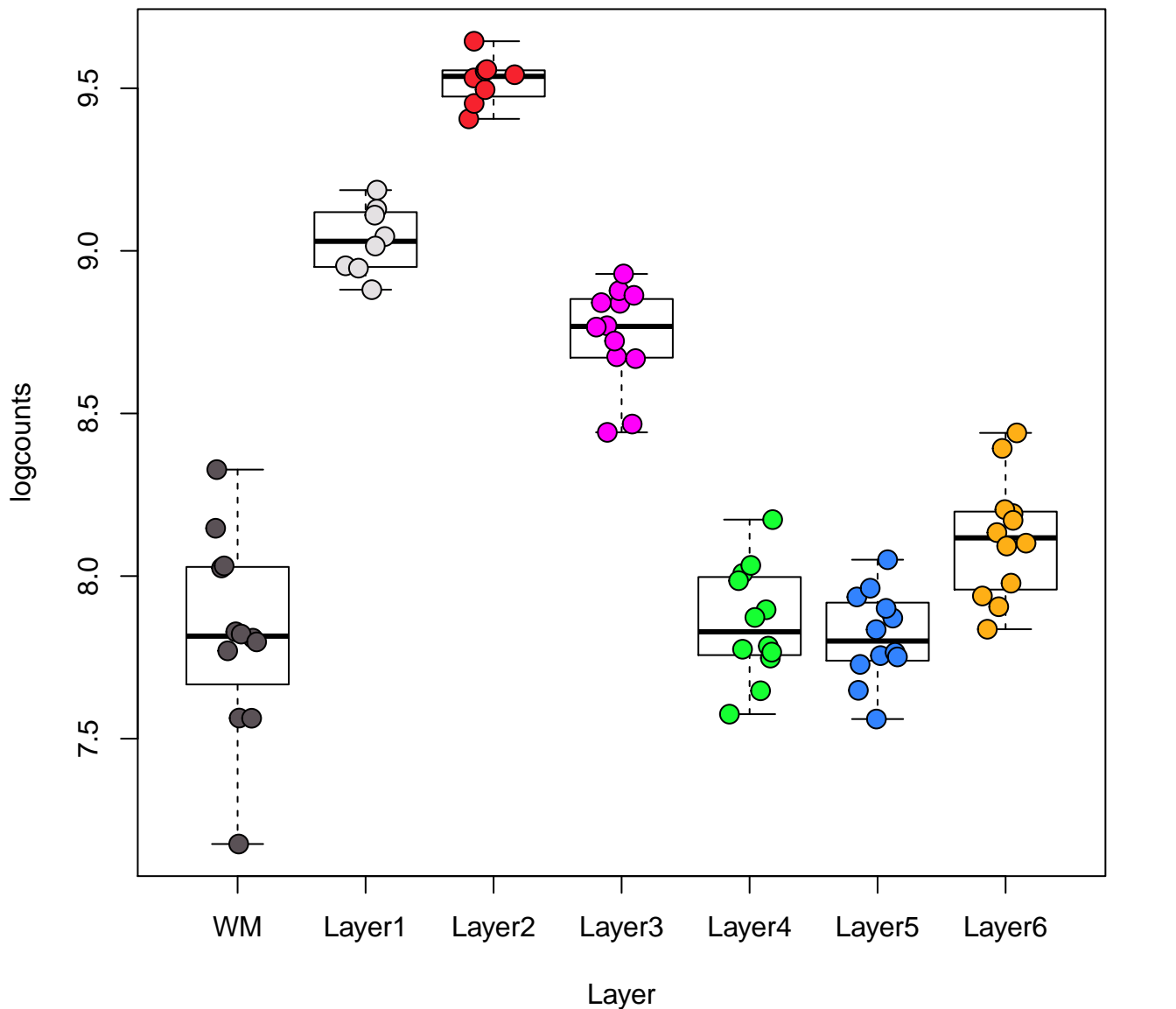
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# SERPINE2 ENSG00000135919 Layer2-WM

tstat 2.02e+01 p 2.96e-31

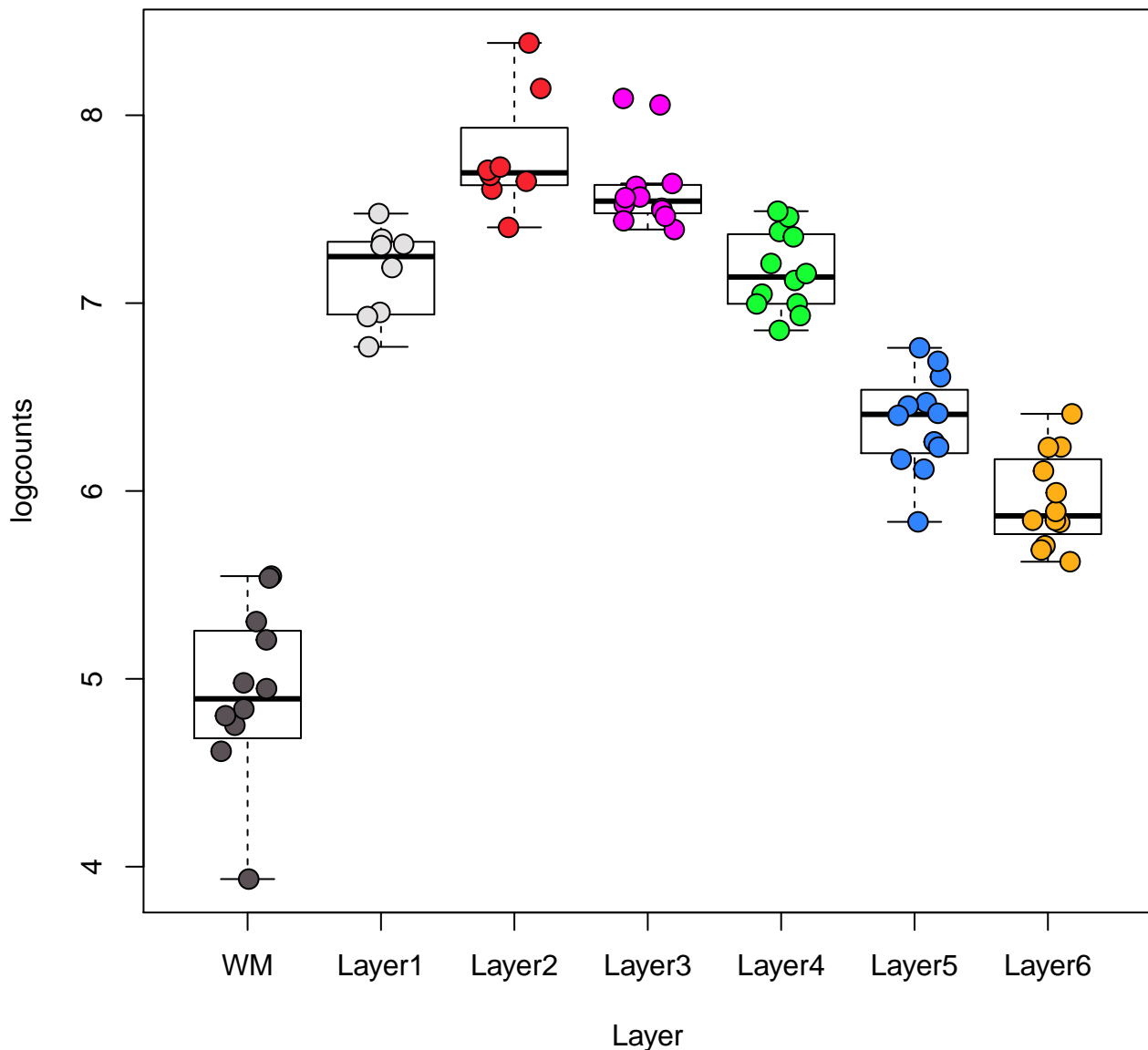
r7;L1-L5\_r5;L2-L3\_r2;L2-L4\_r1;L2-L5\_r1;L2-L6\_r1;L3-L4\_r1;L3-L5\_r2;L1-



# CBLN4 ENSG00000054803 Layer2-WM

tstat 2.00e+01 p 5.06e-31

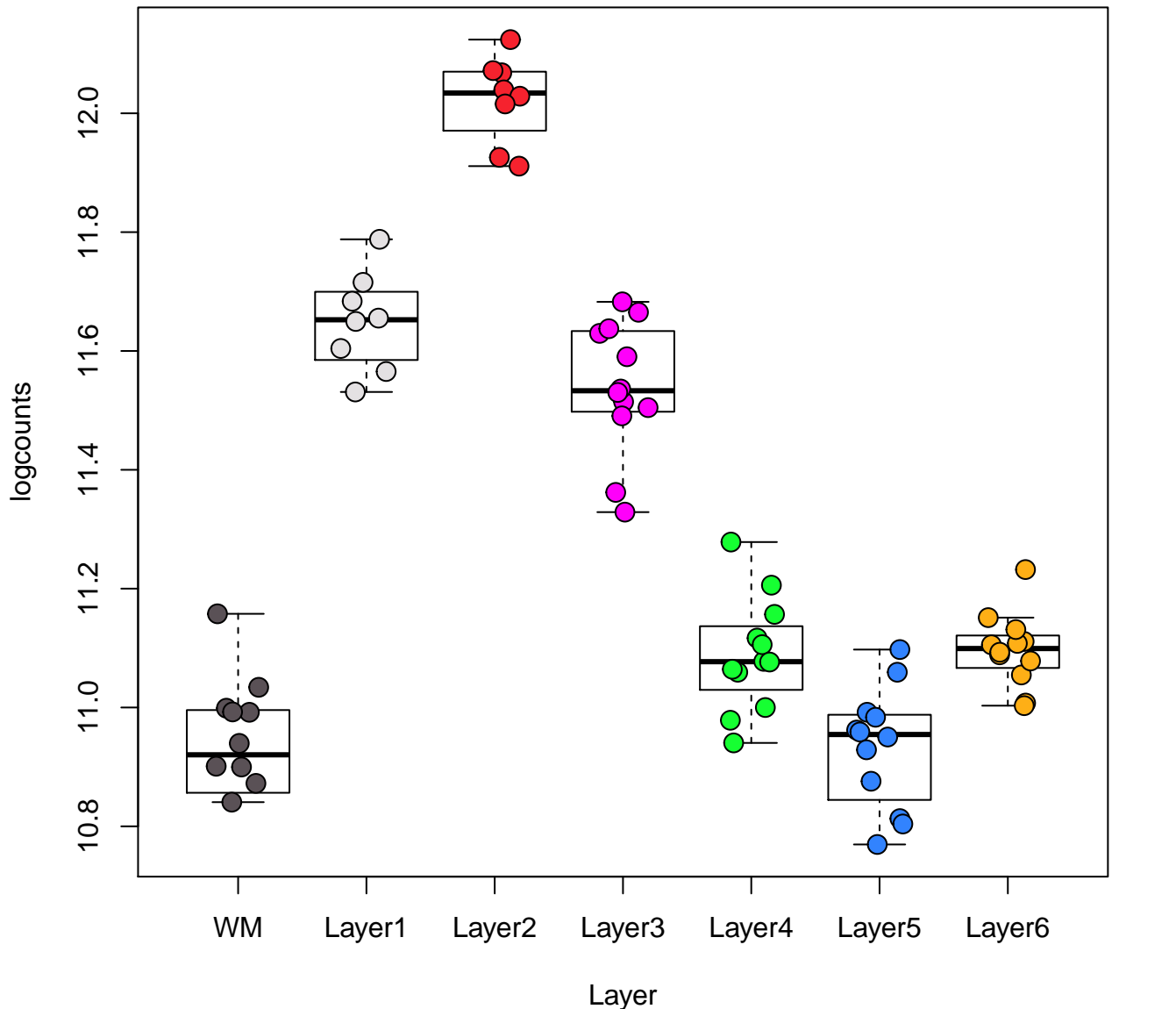
L2-L6\_r9;L3-L6\_r4;L1-WM\_r3;L2-WM\_r2;L3-WM\_r1;L4-WM\_r3



# CAMK2N1 ENSG00000162545 Layer2-WM

tstat 1.99e+01 p 8.74e-31

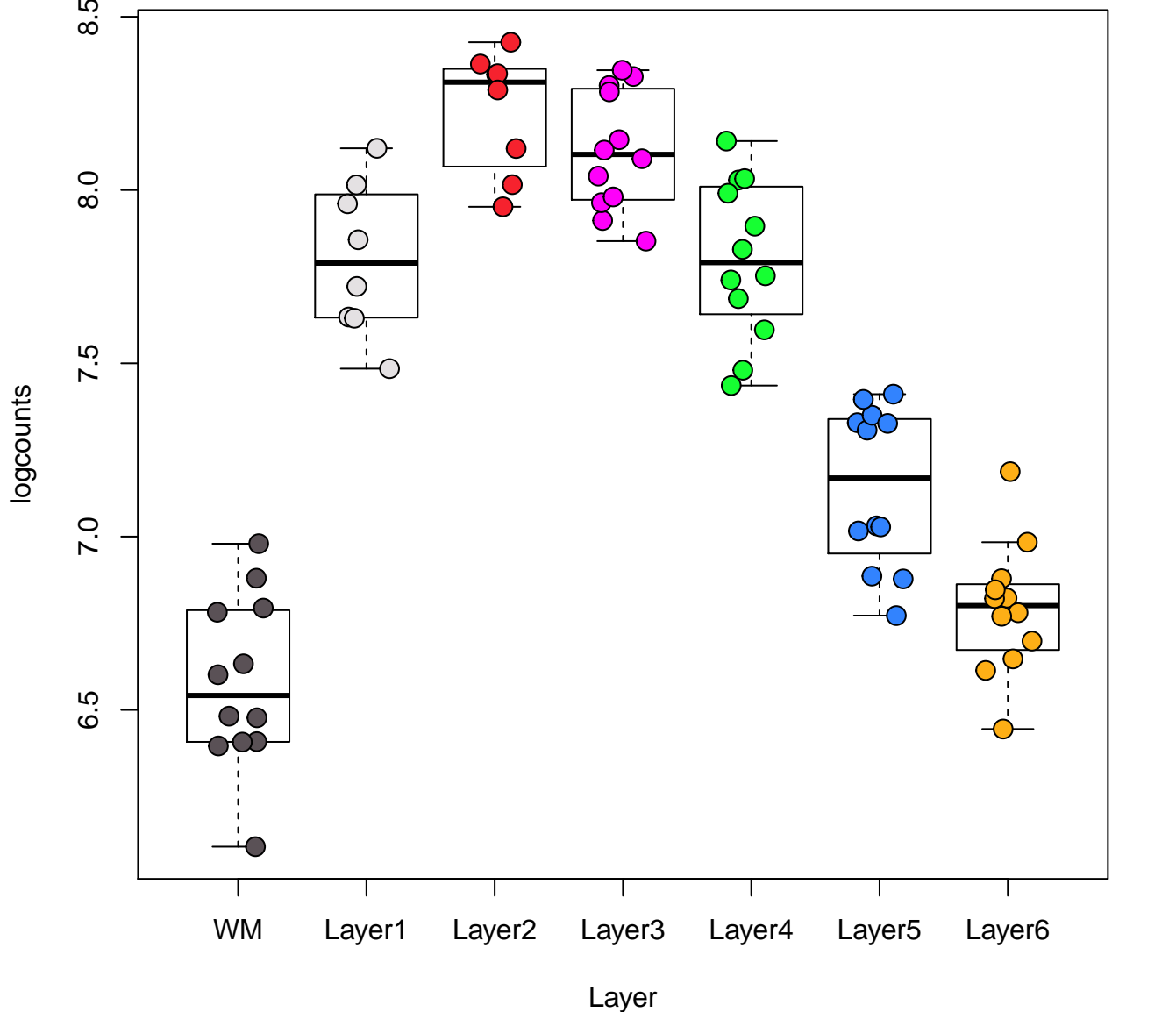
7;L2-L3\_r7;L2-L4\_r3;L2-L5\_r2;L2-L6\_r3;L3-L4\_r7;L3-L5\_r6;L1-WM\_r10;L



# VSTM2A ENSG00000170419 Layer2-WM

tstat 1.75e+01 p 1.77e-27

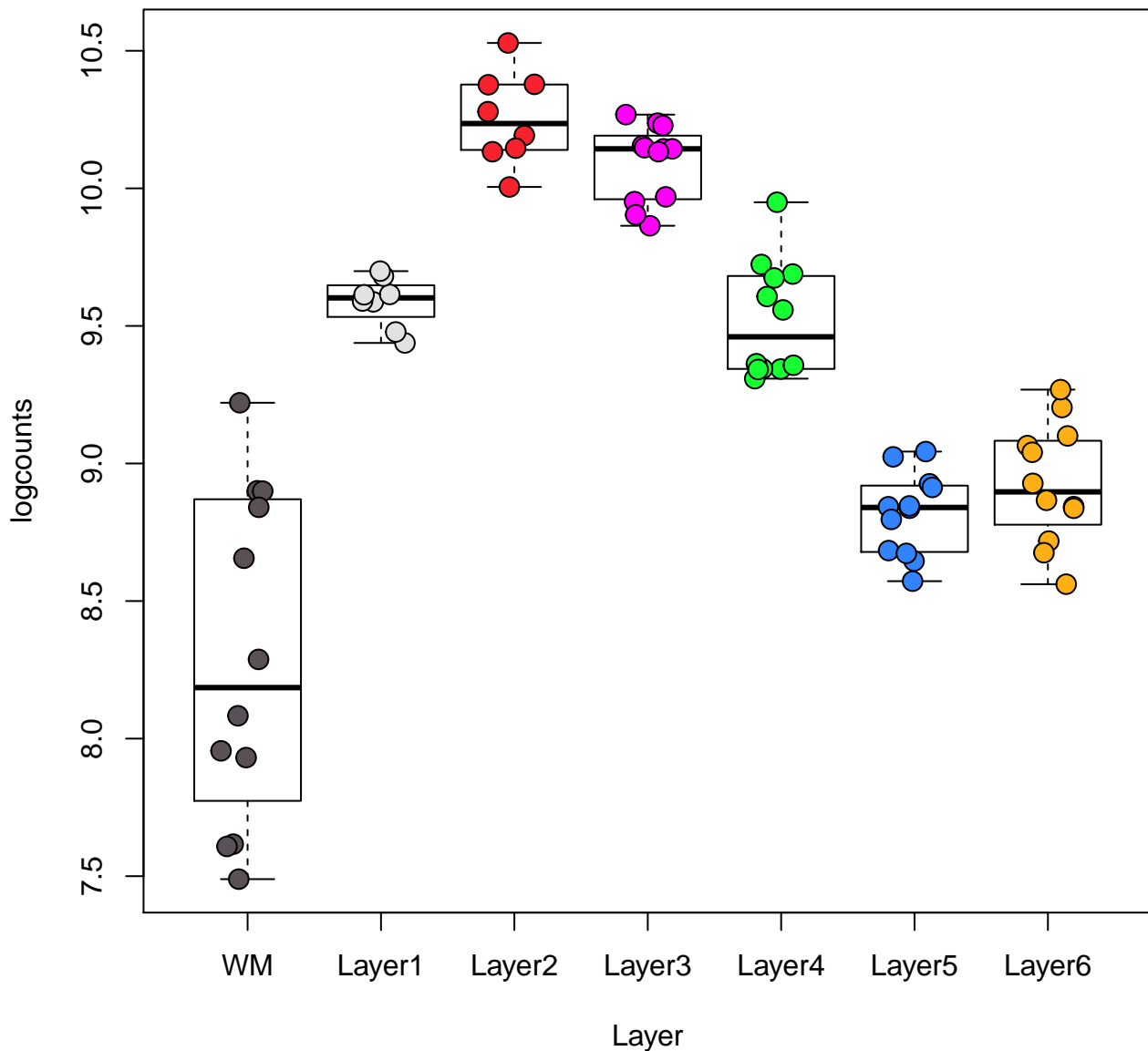
L2-L6\_r4;L3-L5\_r8;L3-L6\_r2;L4-L5\_r1;L4-L6\_r4;L2-WM\_r4;L3-WM\_r2



HOPX ENSG00000171476 Layer2-WM

tstat 1.73e+01 p 2.82e-27

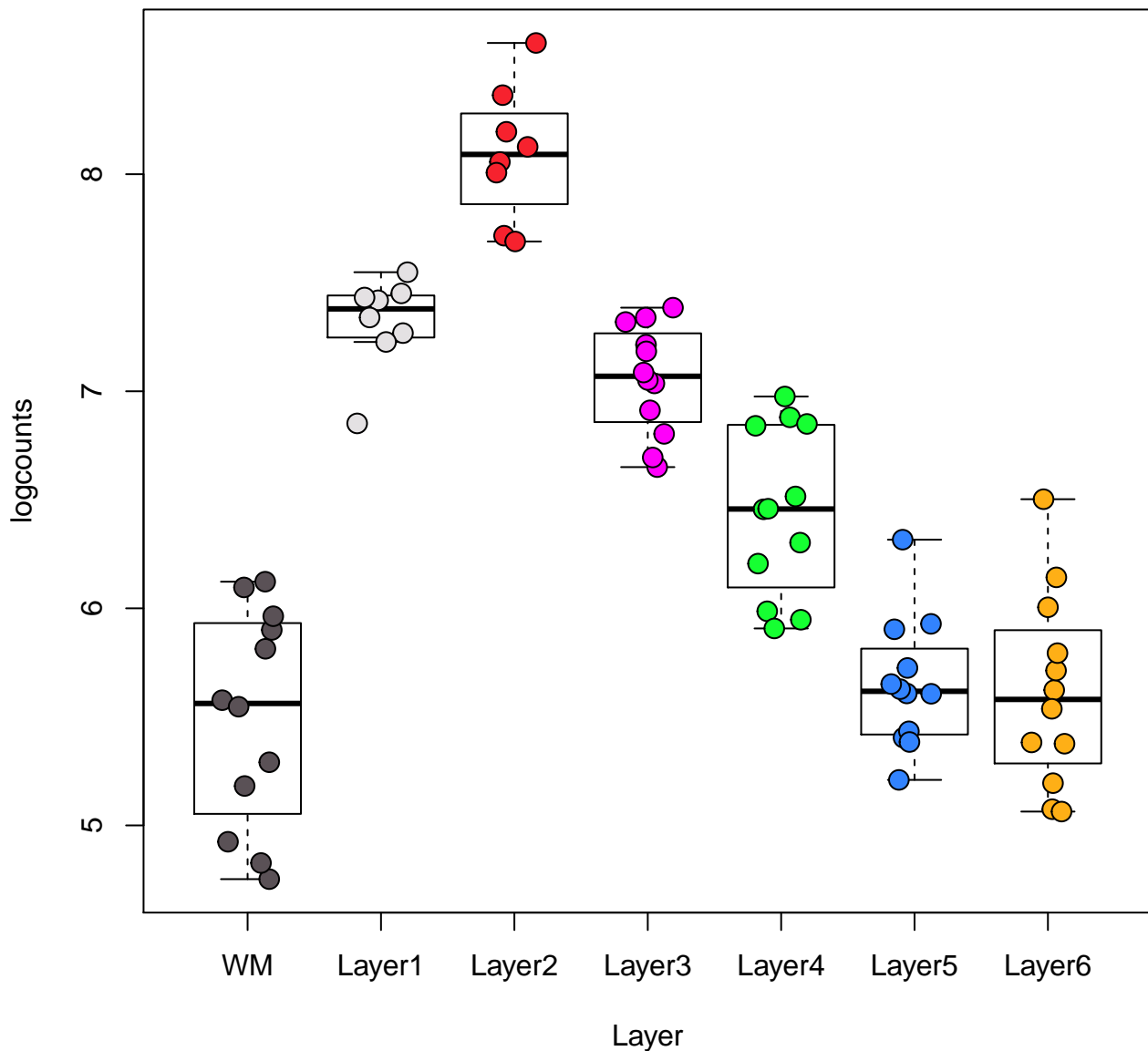
L3-L5\_r4;L3-L6\_r8;L4-L5\_r6;L2-WM\_r5;L3-WM\_r4



# LAMP5 ENSG00000125869 Layer2-WM

tstat 1.69e+01 p 1.28e-26

L2-L5\_r4;L2-L6\_r2;L2-WM\_r6

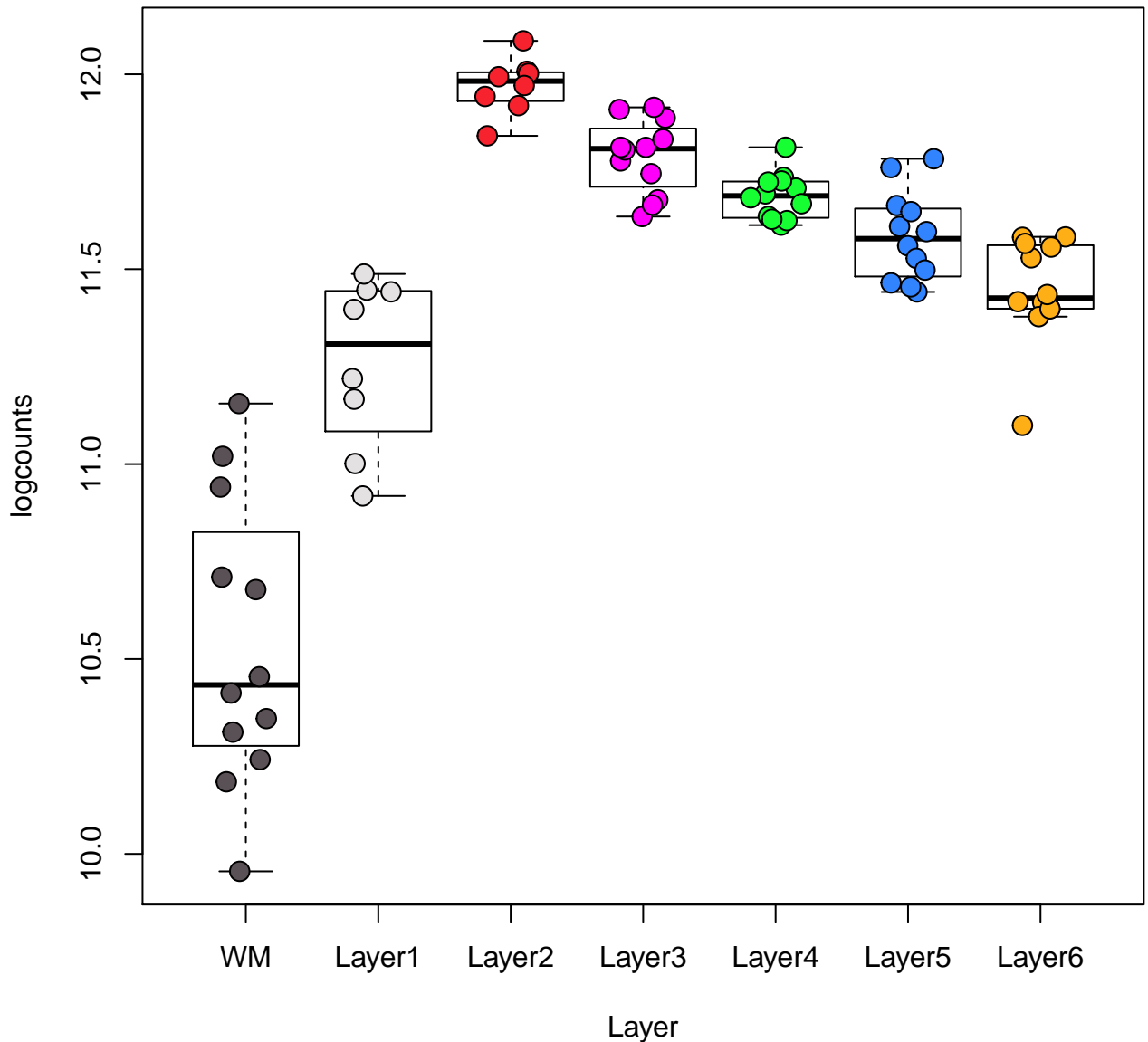




# OLFM1 ENSG00000130558 Layer2-WM

tstat 1.67e+01 p 2.41e-26

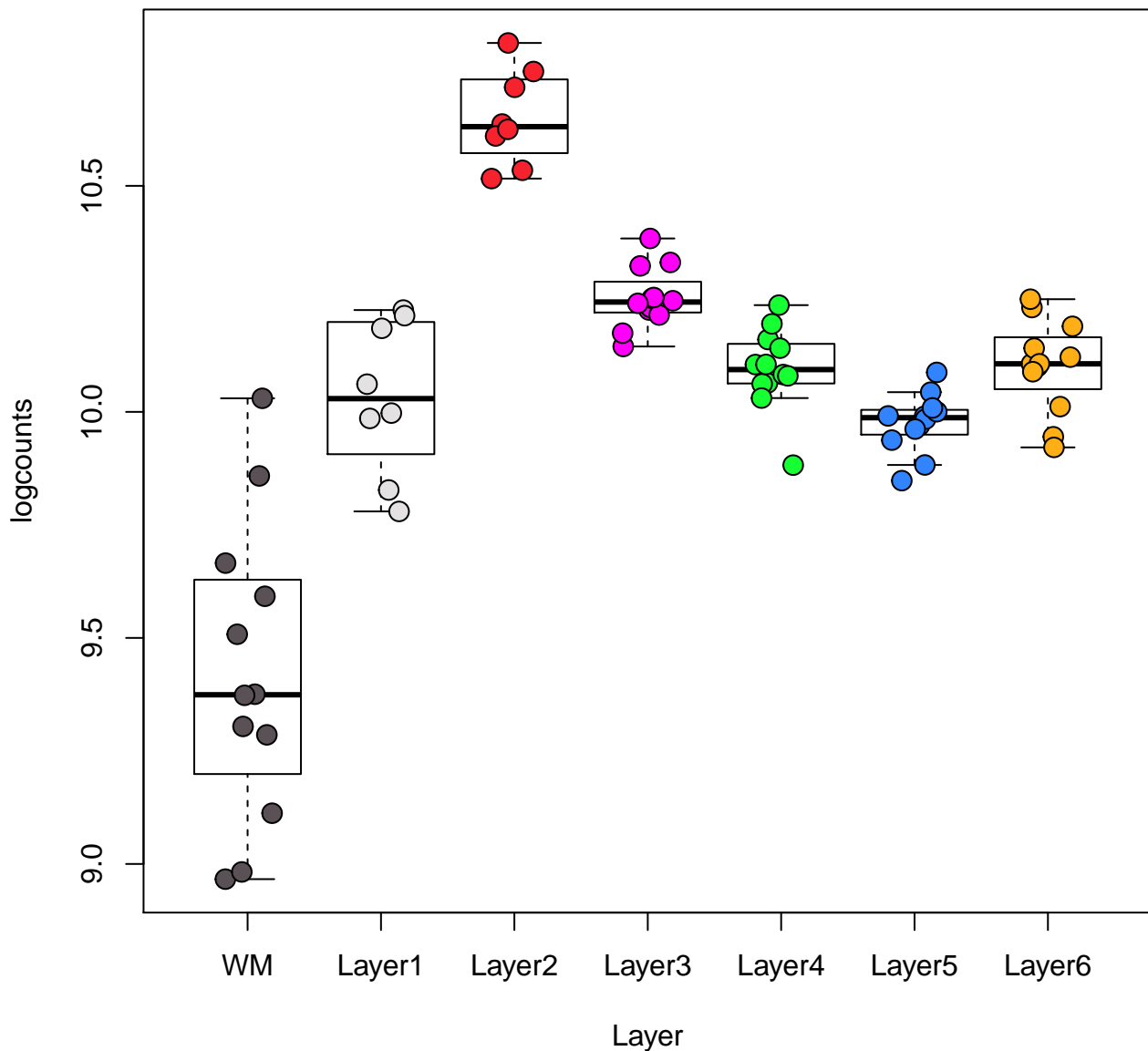
L2-WM\_r7;L3-WM\_r6;L6-WM\_r7



# NCDN ENSG00000020129 Layer2-WM

tstat 1.62e+01 p 1.25e-25

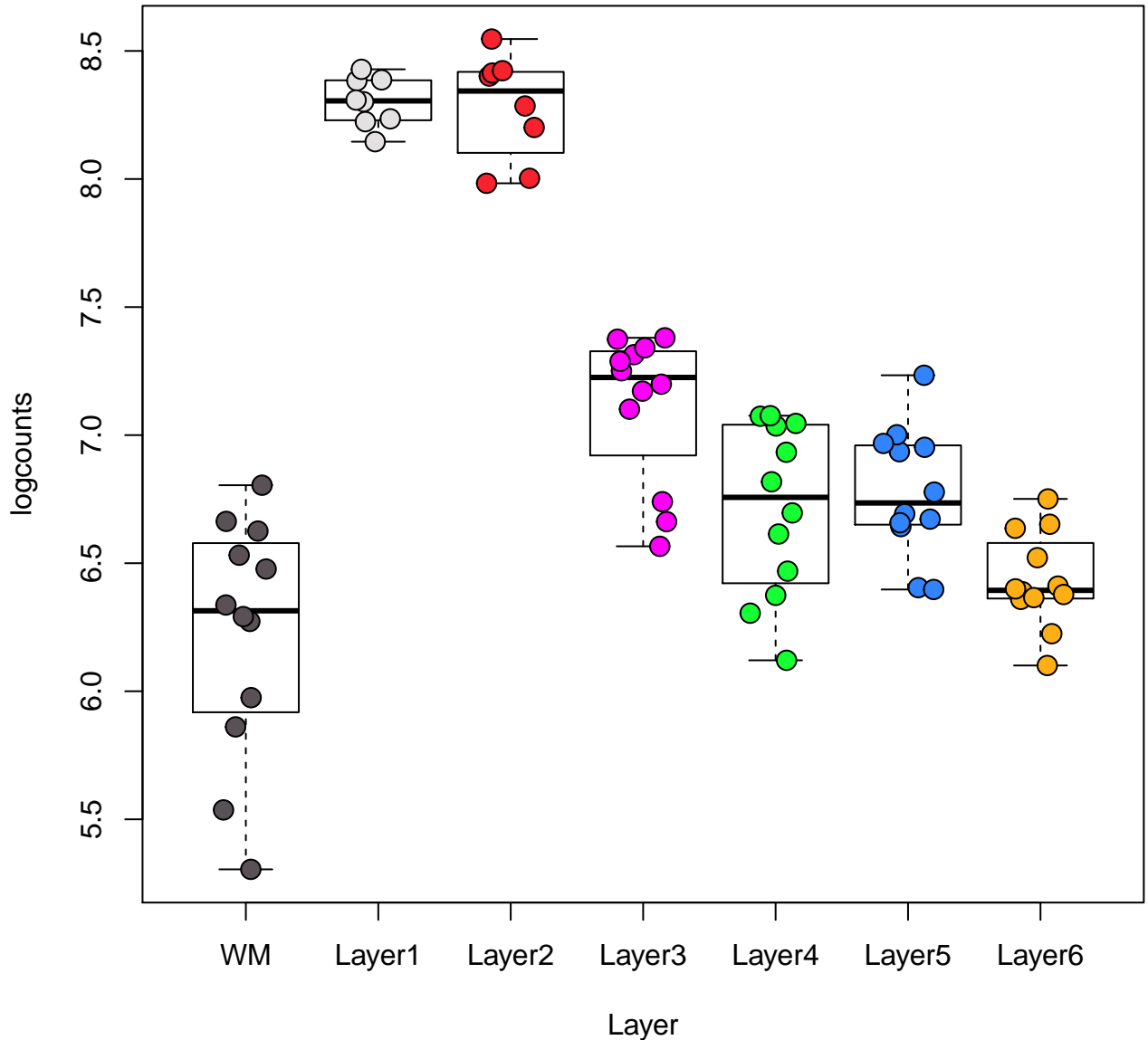
L2-WM\_r8



# CNR1 ENSG00000118432 Layer2-WM

tstat 1.62e+01 p 1.30e-25

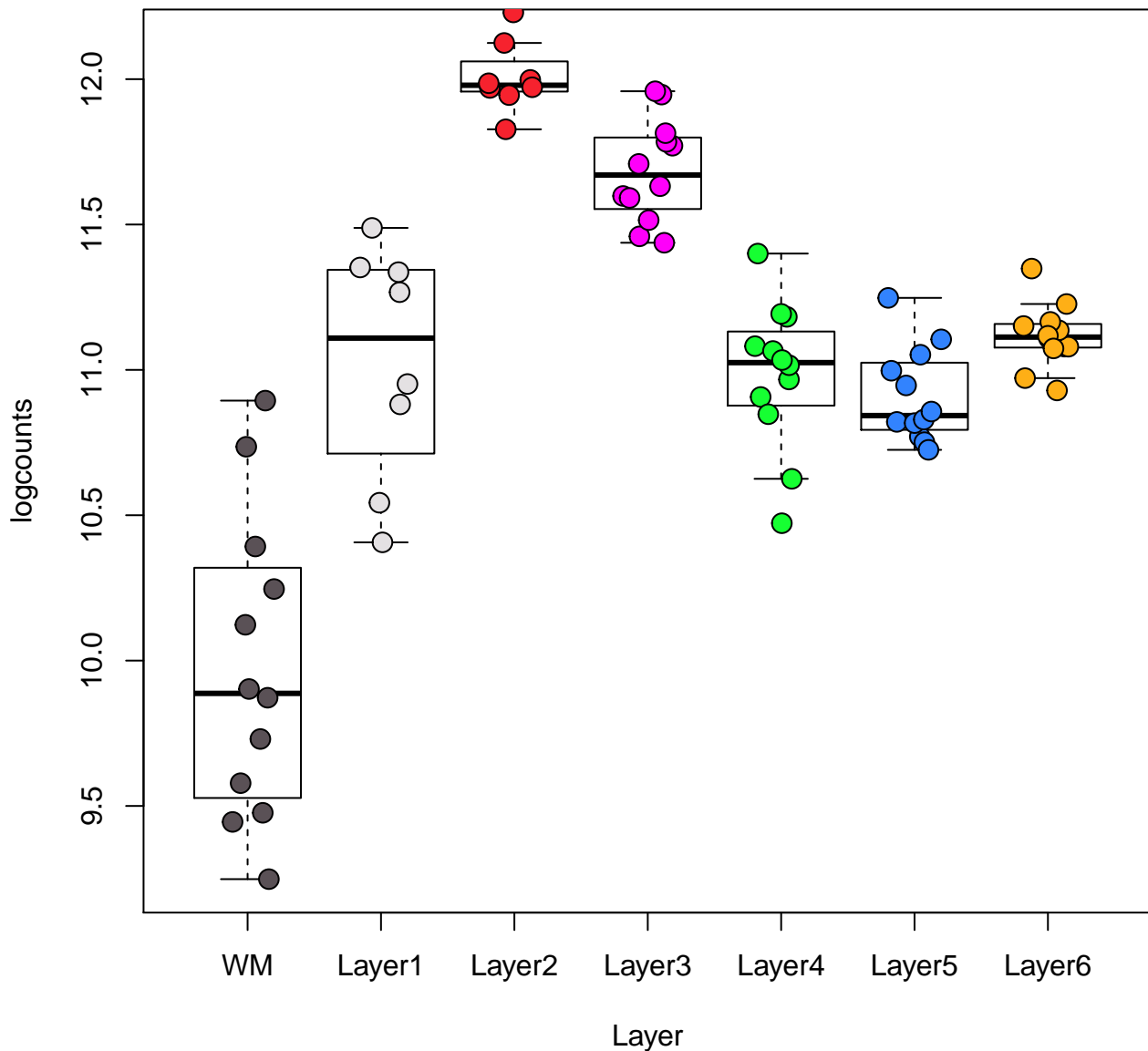
L1-L6\_r3;L2-L3\_r5;L2-L4\_r9;L2-L6\_r5;L1-WM\_r1;L2-WM\_r9



ENC1 ENSG00000171617 Layer2-WM

tstat 1.58e+01 p 4.61e-25

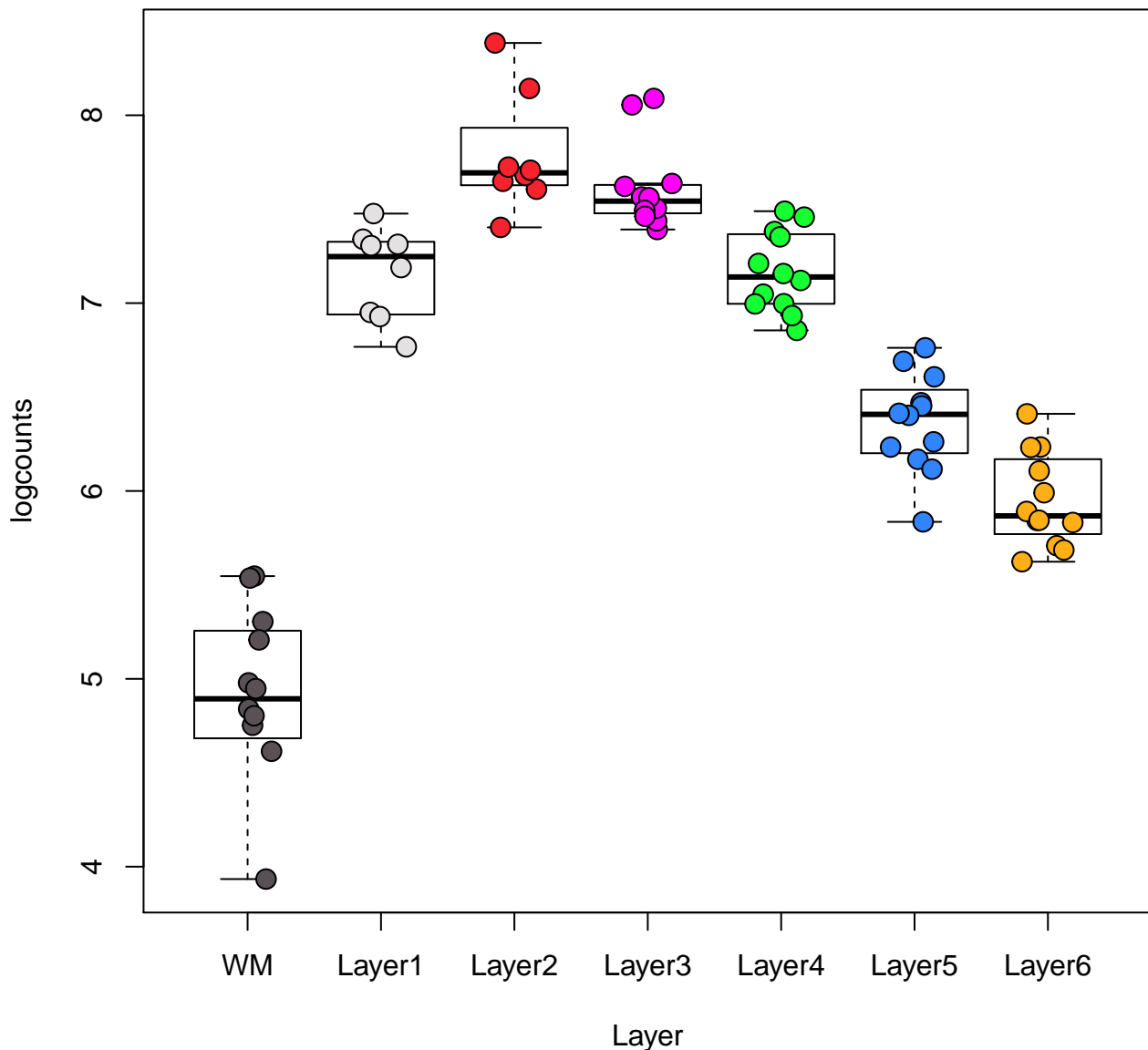
L2-WM\_r10



# CBLN4 ENSG00000054803 Layer3-WM

tstat 2.13e+01 p 1.11e-32

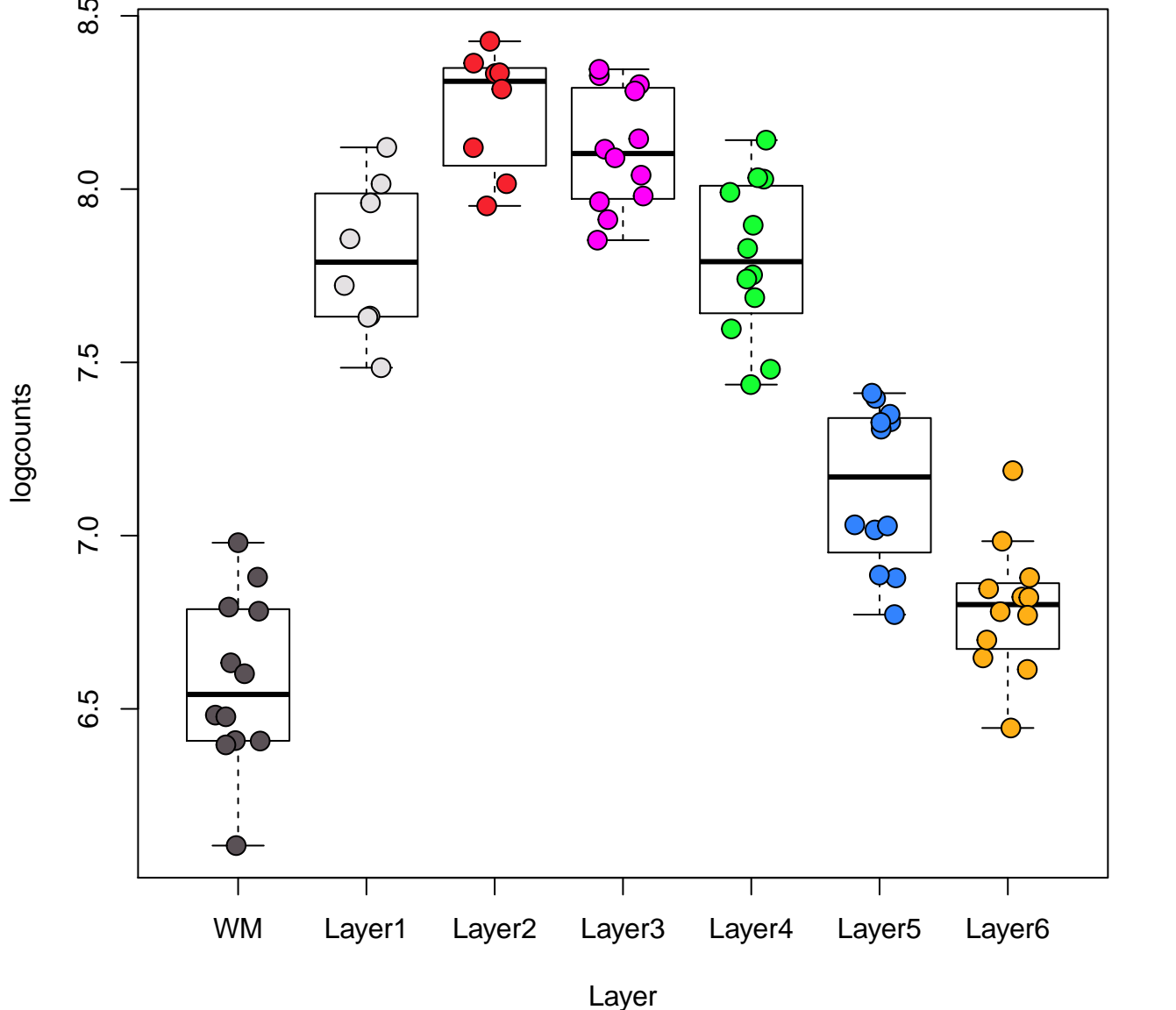
L2-L6\_r9;L3-L6\_r4;L1-WM\_r3;L2-WM\_r2;L3-WM\_r1;L4-WM\_r3



# VSTM2A ENSG00000170419 Layer3-WM

tstat 1.85e+01 p 5.21e-29

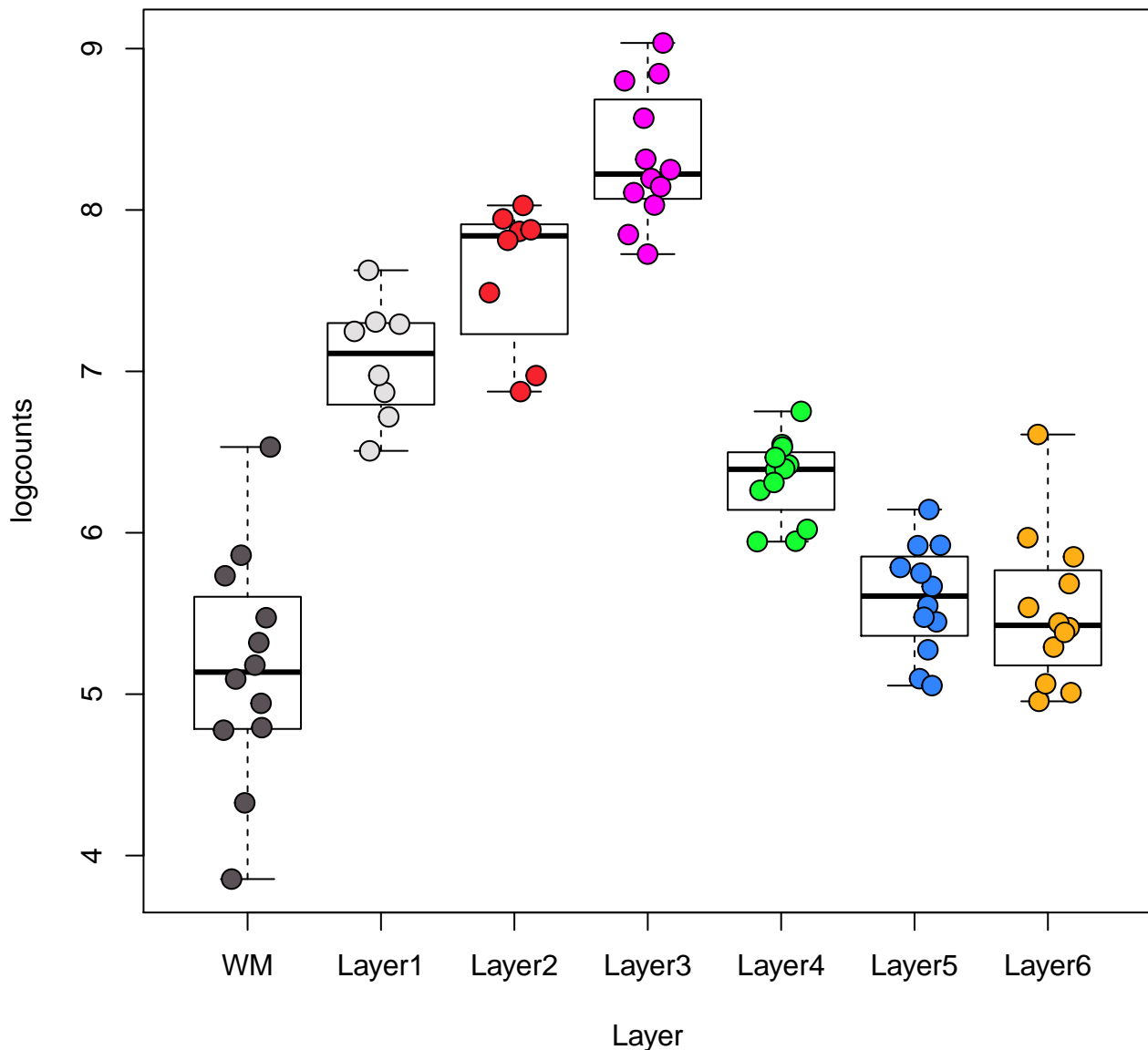
L2-L6\_r4;L3-L5\_r8;L3-L6\_r2;L4-L5\_r1;L4-L6\_r4;L2-WM\_r4;L3-WM\_r2



# CARTPT ENSG00000164326 Layer3-WM

tstat 1.81e+01 p 2.14e-28

L3\_r1;L3-L4\_r3;L3-L5\_r1;L3-L6\_r1;L3-WM\_r3



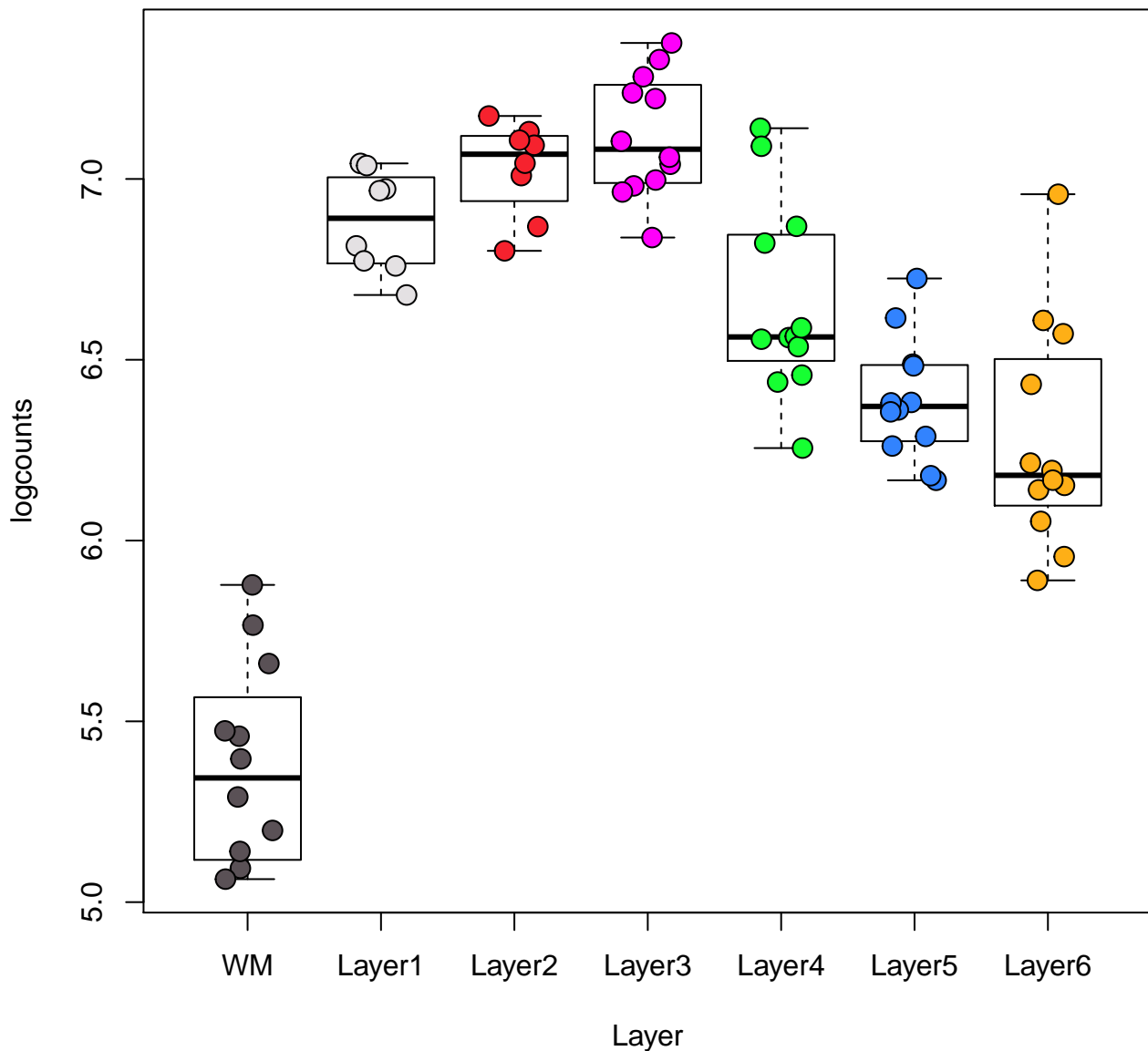




**ASS1 ENSG00000130707 Layer3-WM**

**tstat 1.66e+01 p 2.80e-26**

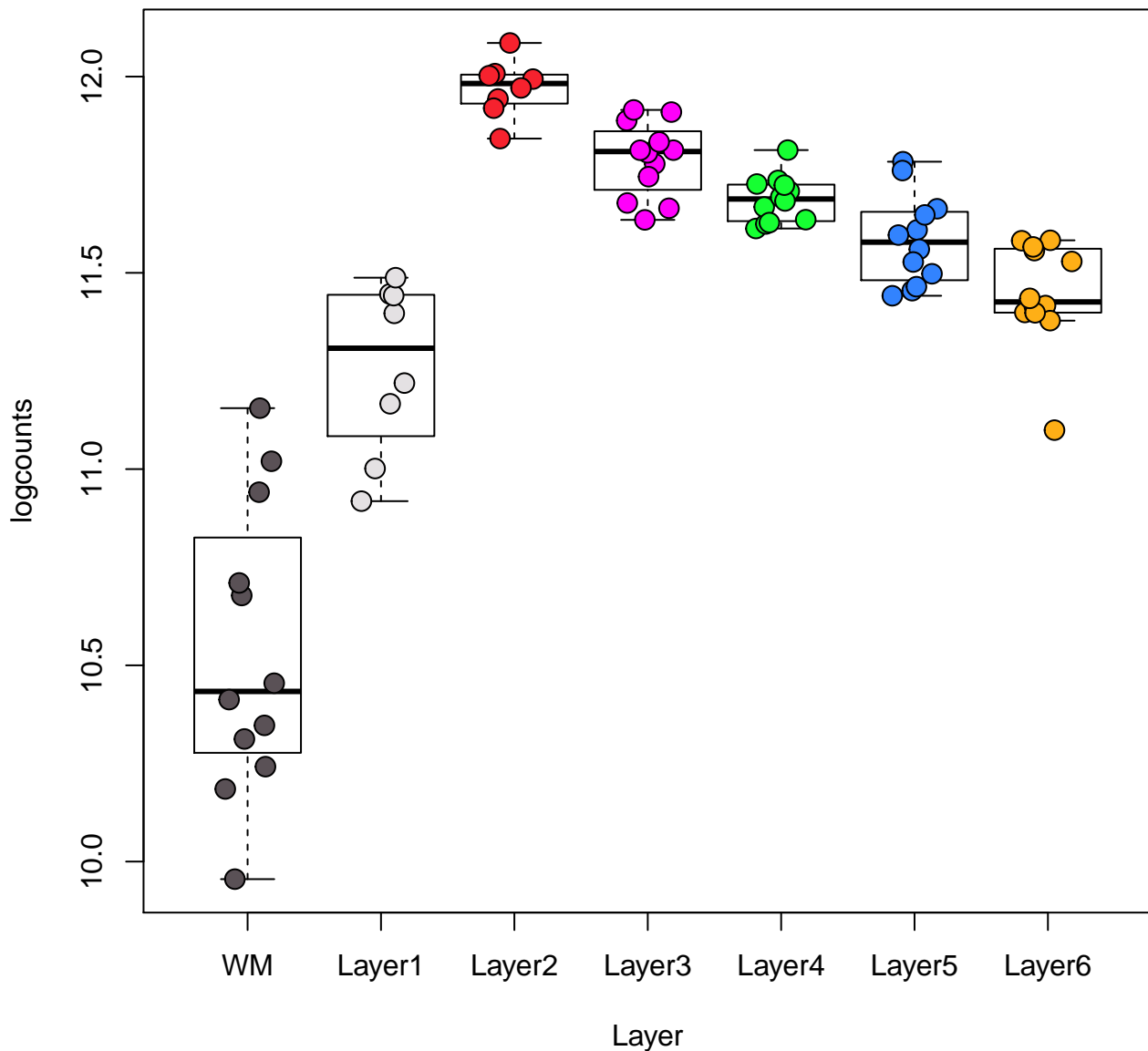
**L3-WM\_r5**



# OLFM1 ENSG00000130558 Layer3-WM

tstat 1.64e+01 p 6.13e-26

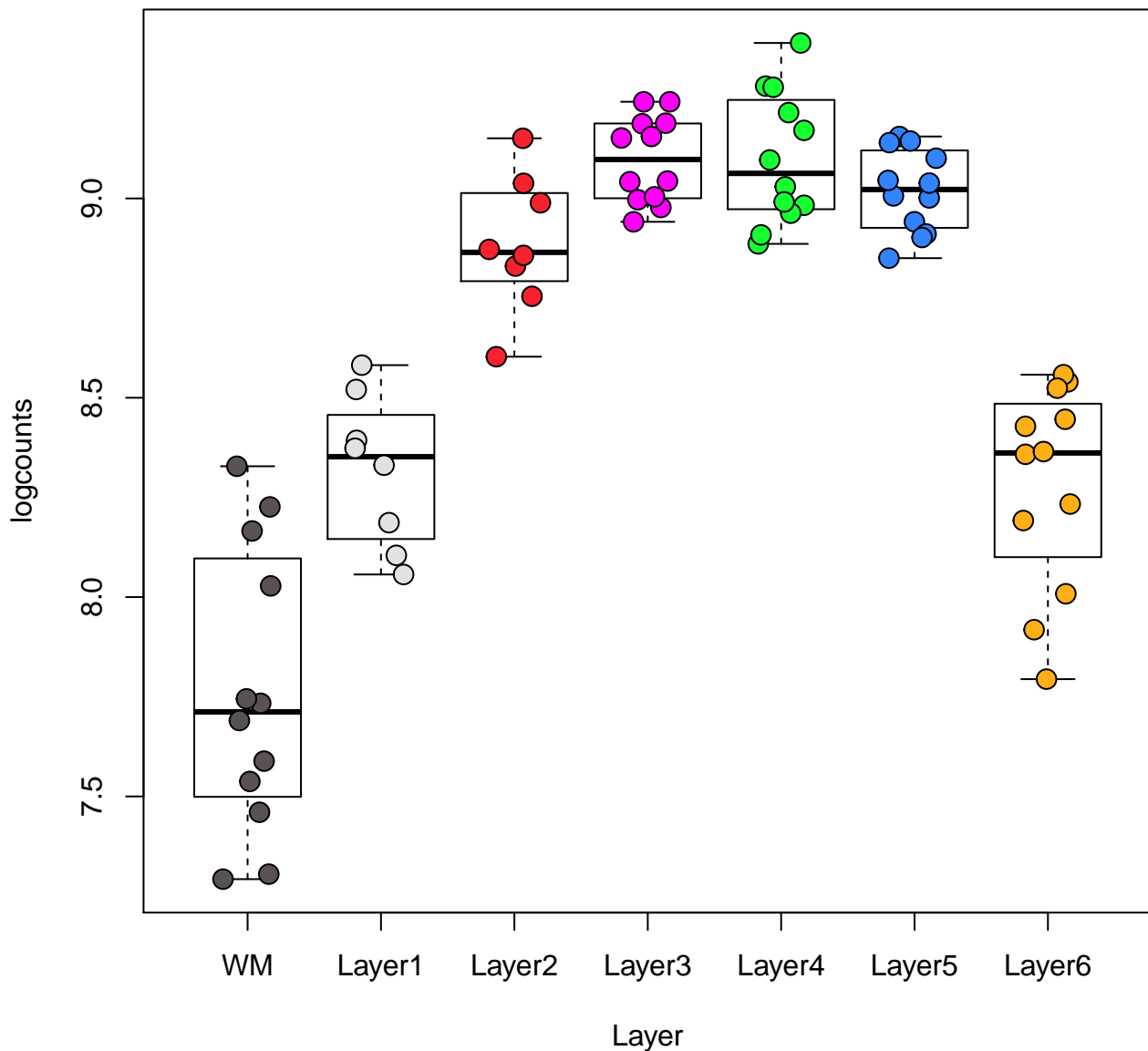
L2-WM\_r7;L3-WM\_r6;L6-WM\_r7



# CRYM ENSG00000103316 Layer3-WM

tstat 1.60e+01 p 2.34e-25

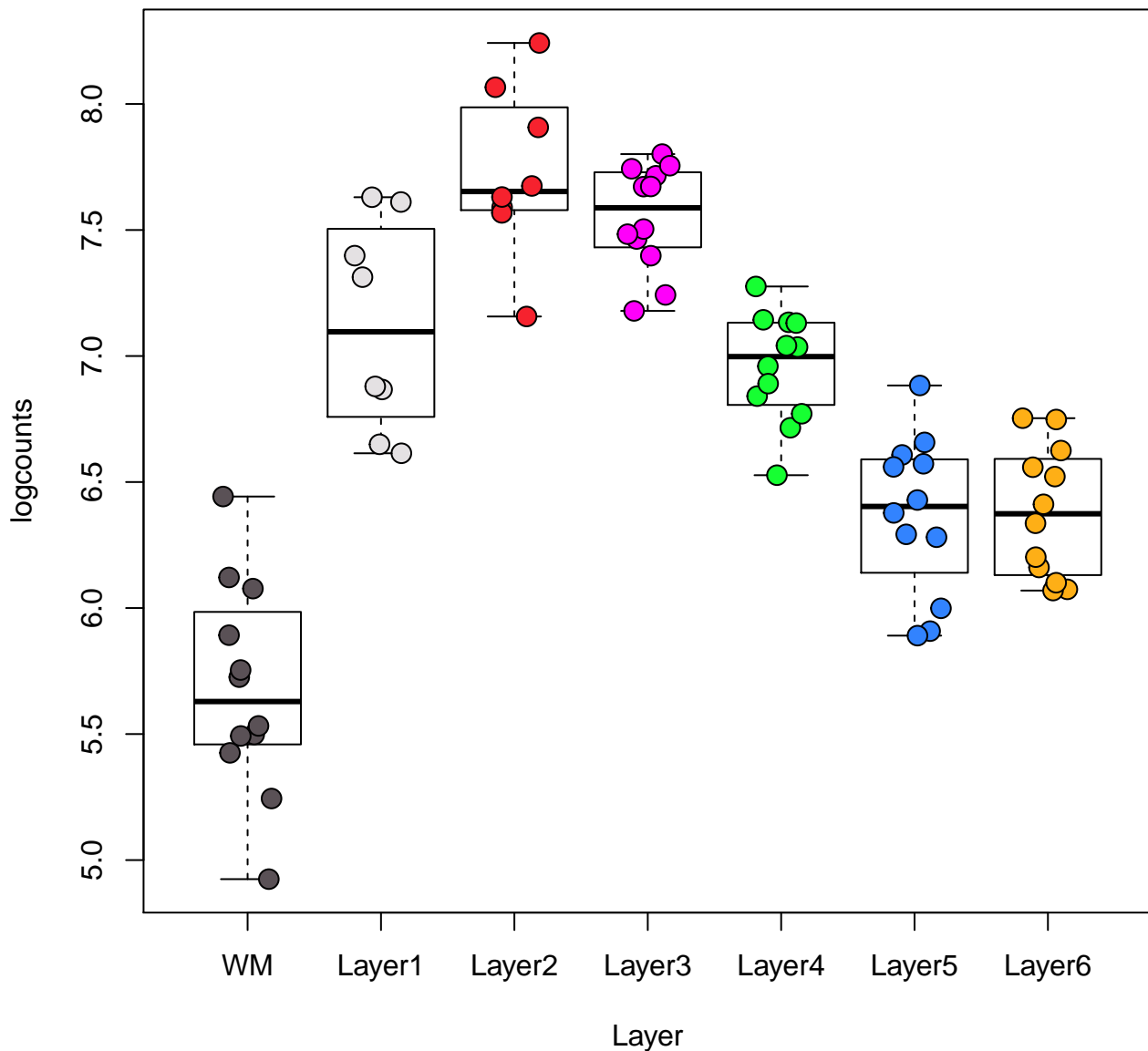
L5-L6\_r9;L3-WM\_r7



# HS6ST3 ENSG00000185352 Layer3-WM

tstat 1.57e+01 p 7.97e-25

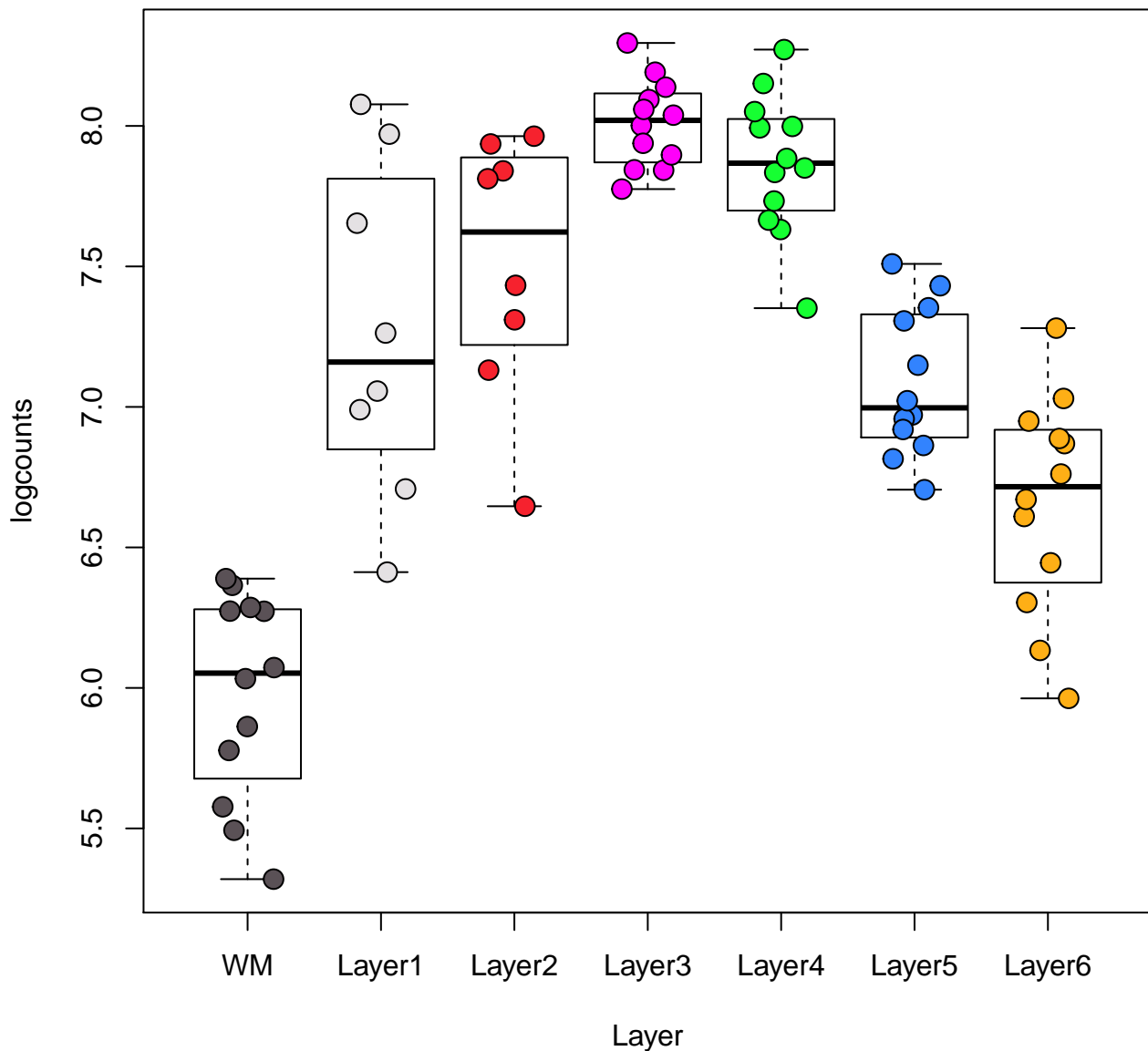
L3-WM\_r8



# HAPLN4 ENSG00000187664 Layer3-WM

tstat 1.57e+01 p 8.17e-25

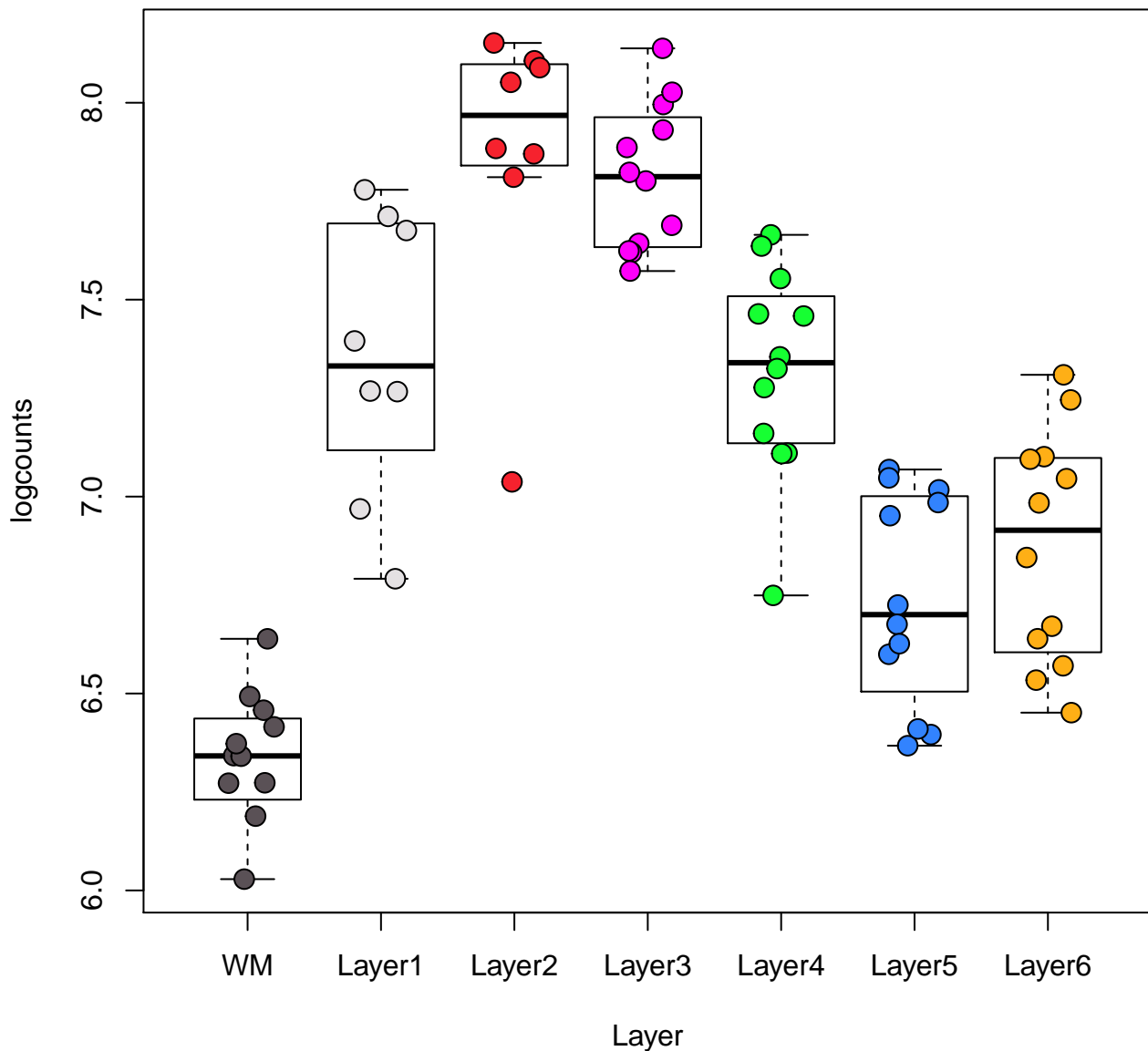
L3-WM\_r9



# FAM84A ENSG00000162981 Layer3-WM

tstat 1.52e+01 p 3.91e-24

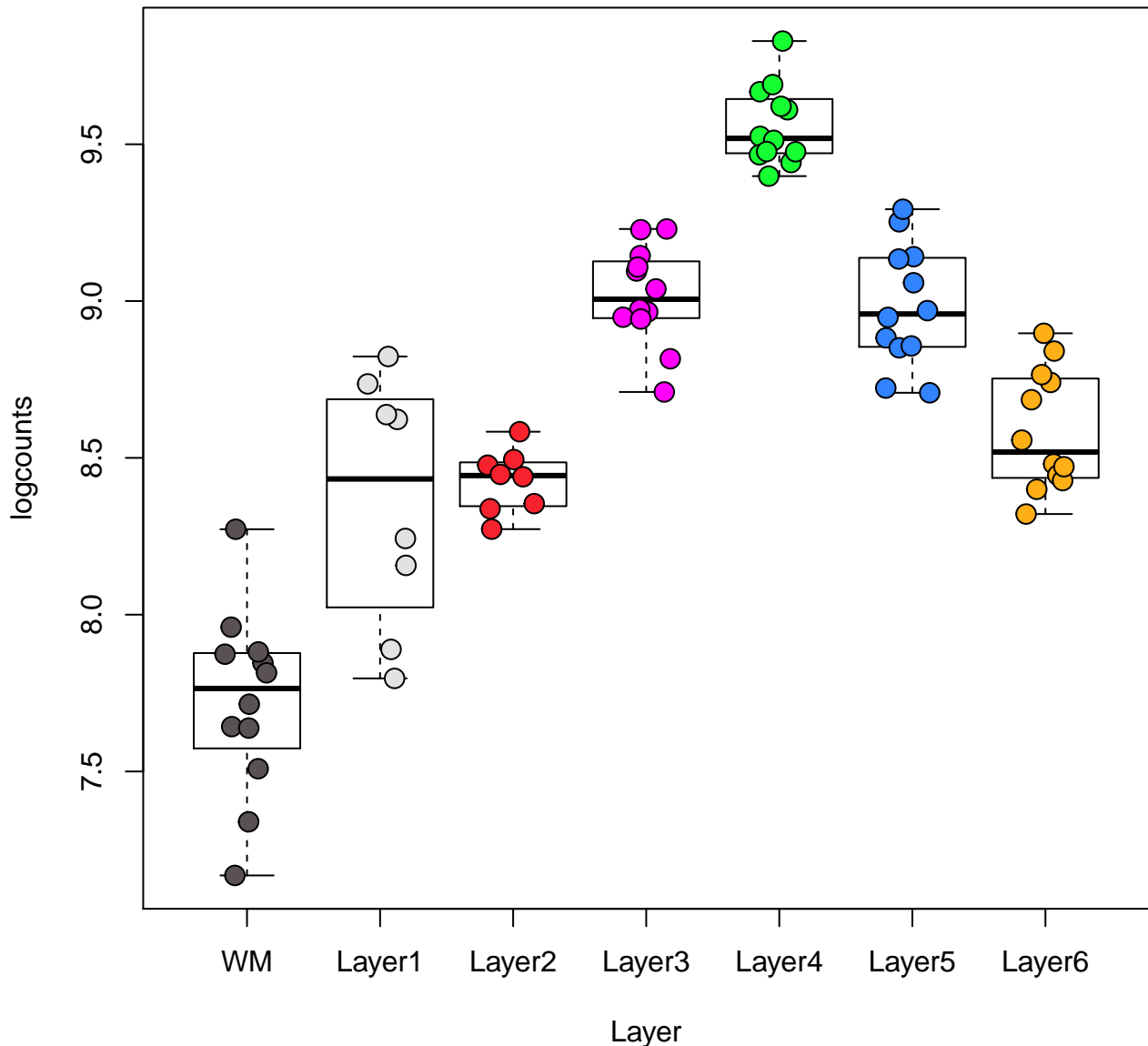
L3\_r10;L3-WM\_r10



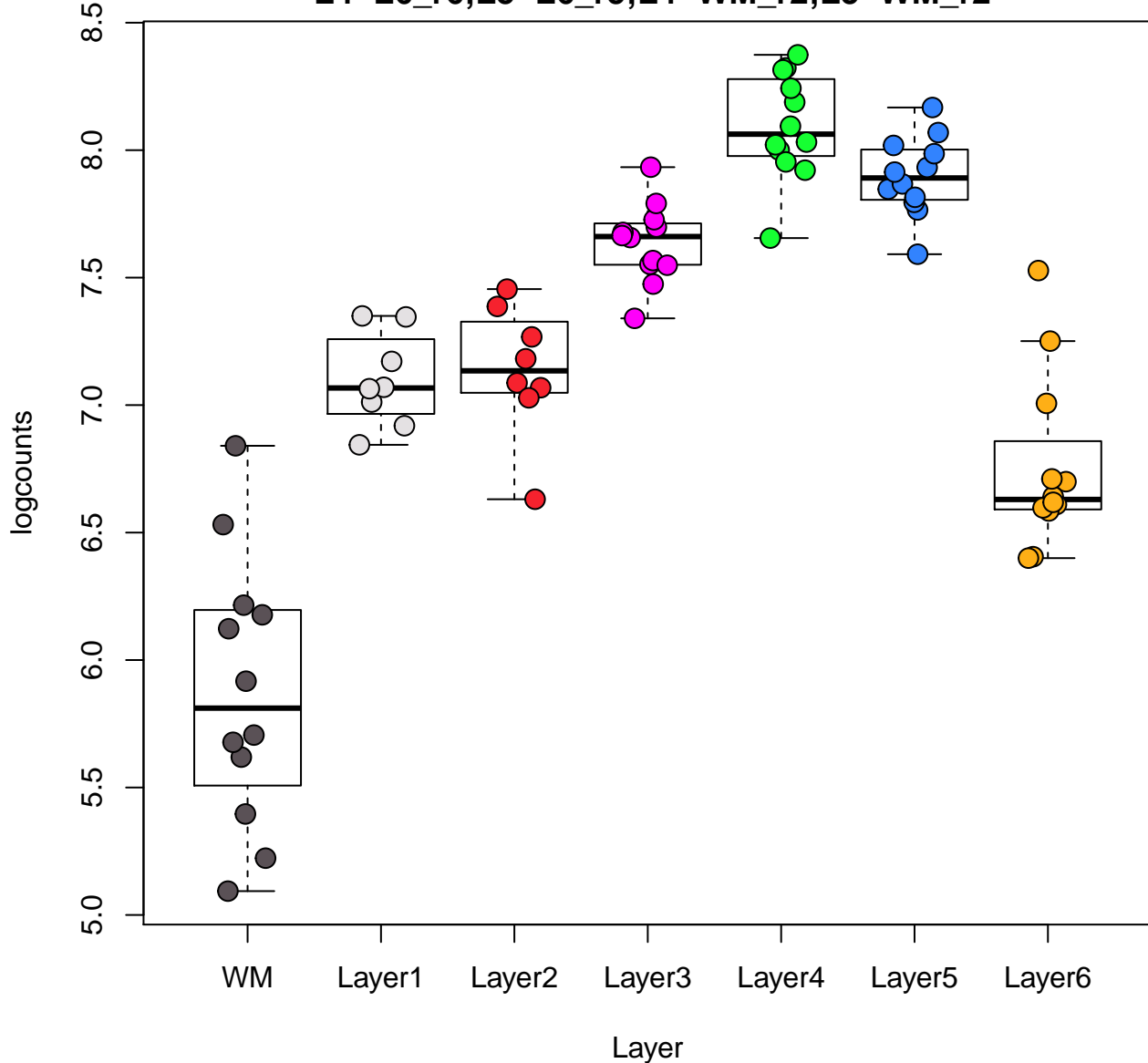
# SCN1B ENSG00000105711 Layer4-WM

tstat 2.12e+01 p 1.64e-32

L4\_r5;L4-L5\_r10;L4-L6\_r7;L4-WM\_r1;L4-L1\_r6;L4-L2\_r6;L4-L3\_r10



**PARM1 ENSG00000169116 Layer4-WM**  
**tstat 1.92e+01 p 7.09e-30**  
**L4-L6\_r6;L5-L6\_r5;L4-WM\_r2;L5-WM\_r2**

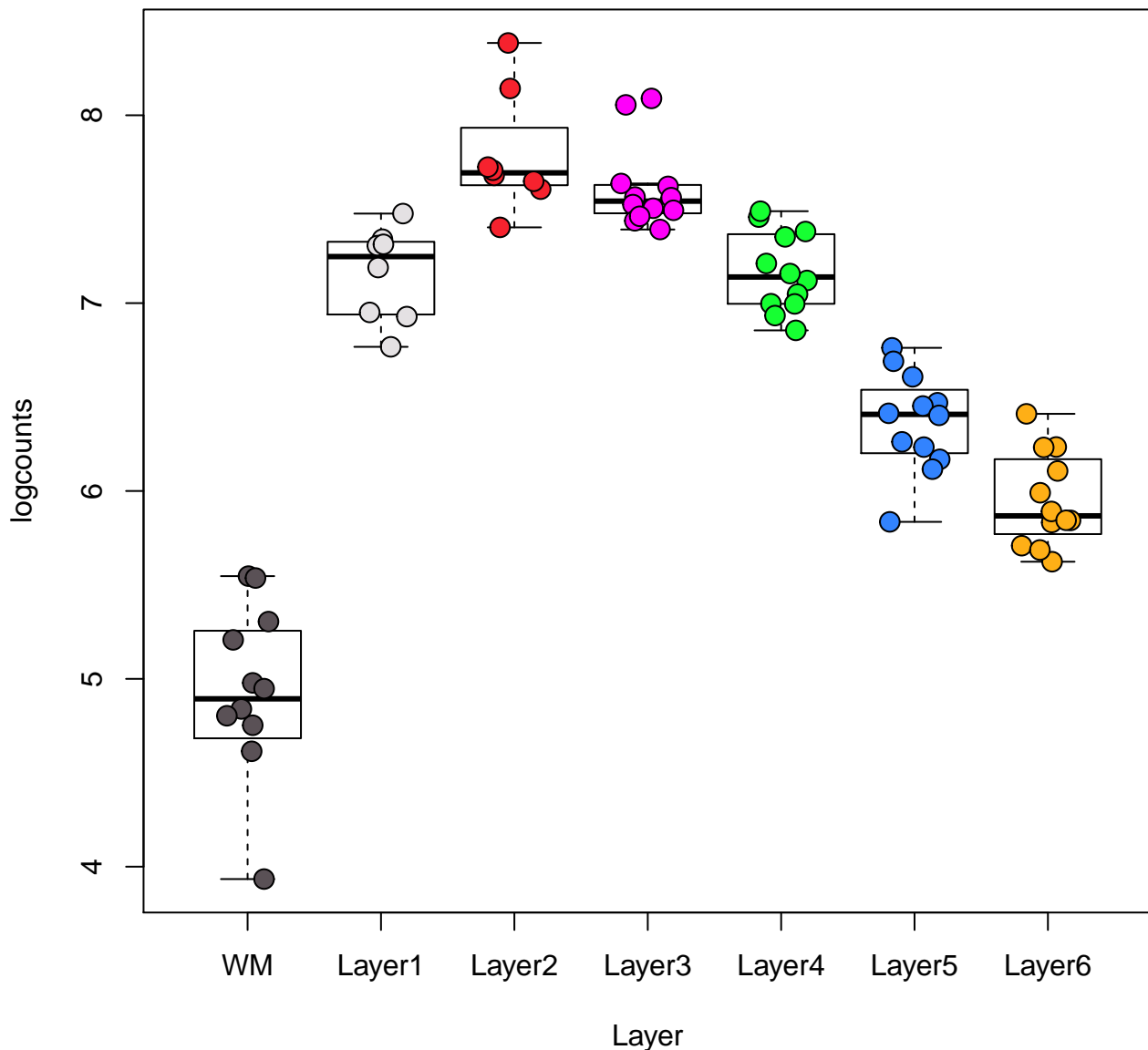




# CBLN4 ENSG00000054803 Layer4-WM

tstat 1.79e+01 p 4.24e-28

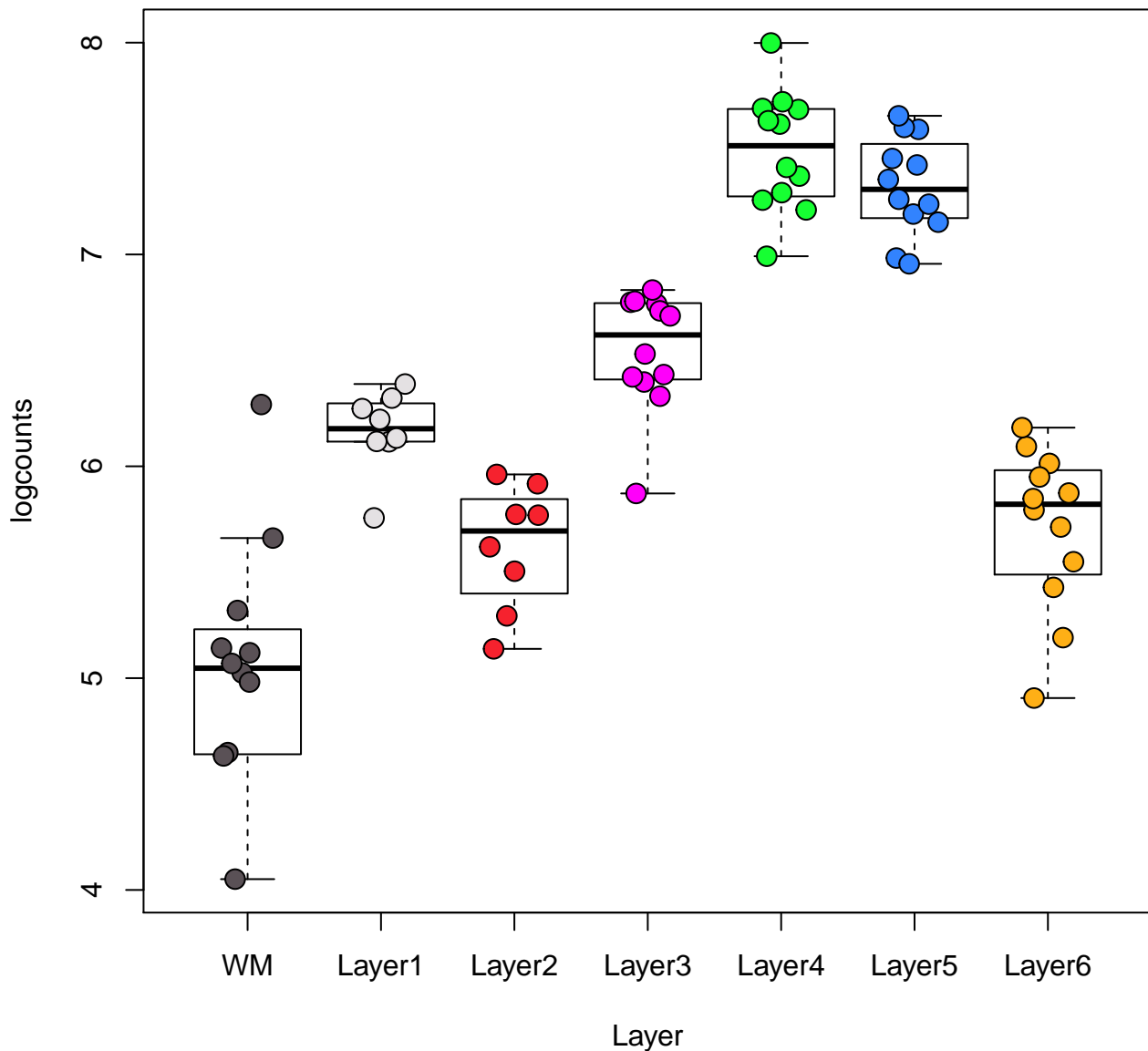
L2-L6\_r9;L3-L6\_r4;L1-WM\_r3;L2-WM\_r2;L3-WM\_r1;L4-WM\_r3



# RORB ENSG00000198963 Layer4-WM

tstat  $1.73\text{e}+01$  p  $2.71\text{e}-27$

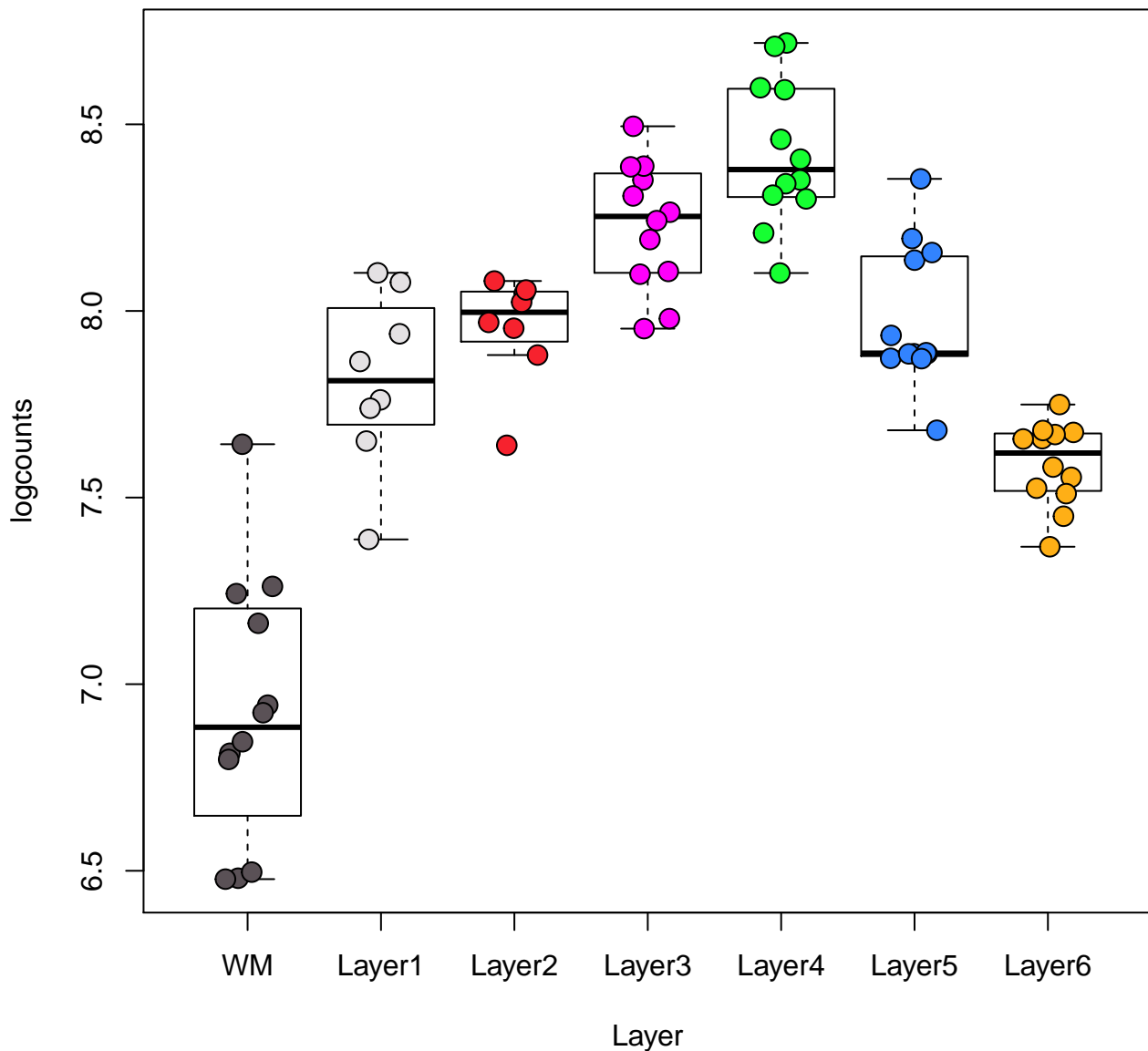
L4-L6\_r3;L5-L6\_r3;L4-WM\_r4;L5-WM\_r7;L4-L2\_r9;L4-L3\_r6



# NSG1 ENSG00000168824 Layer4-WM

tstat 1.73e+01 p 3.53e-27

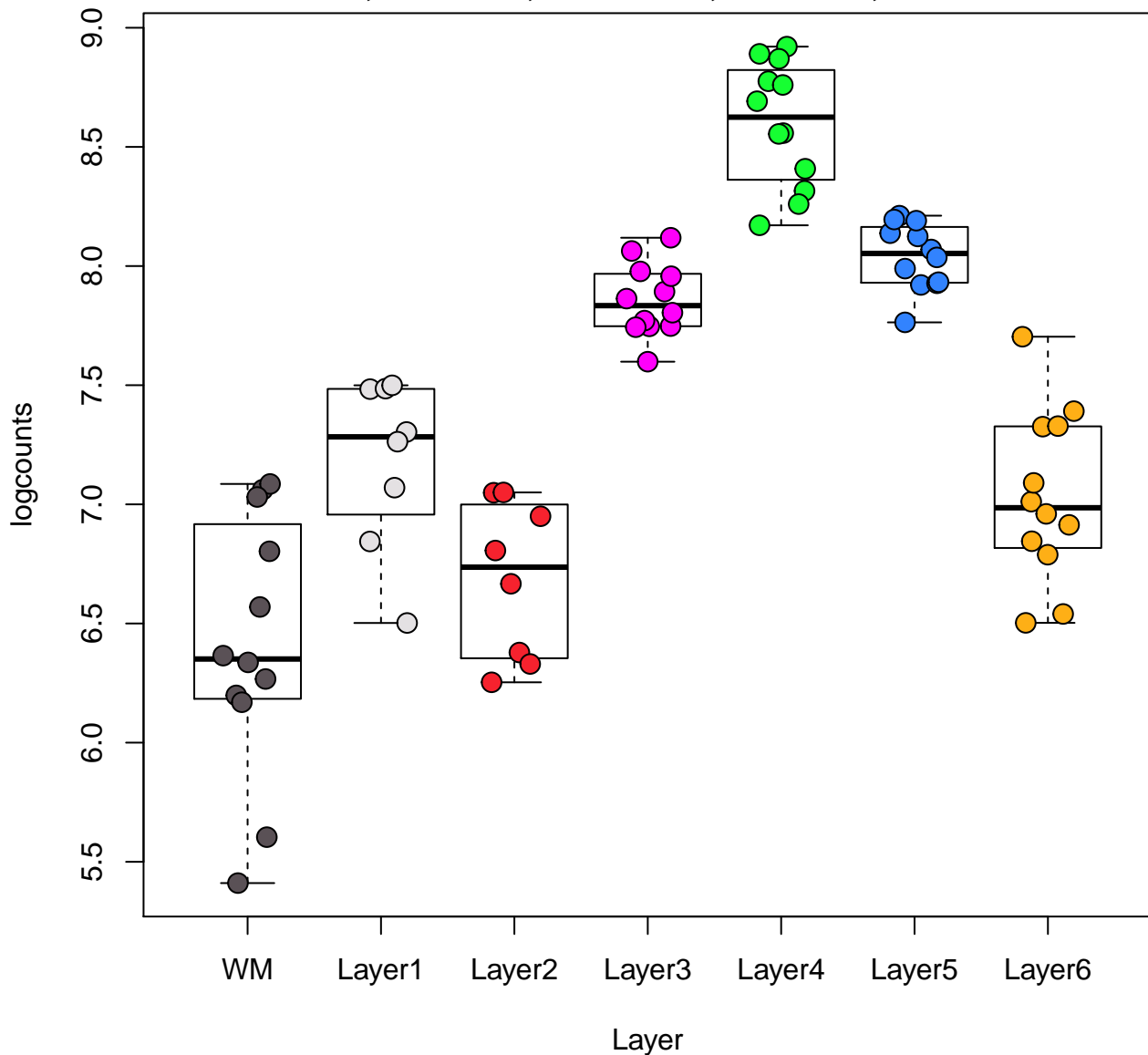
L4-WM\_r5



**PVALB ENSG00000100362 Layer4-WM**

**tstat 1.72e+01 p 4.06e-27**

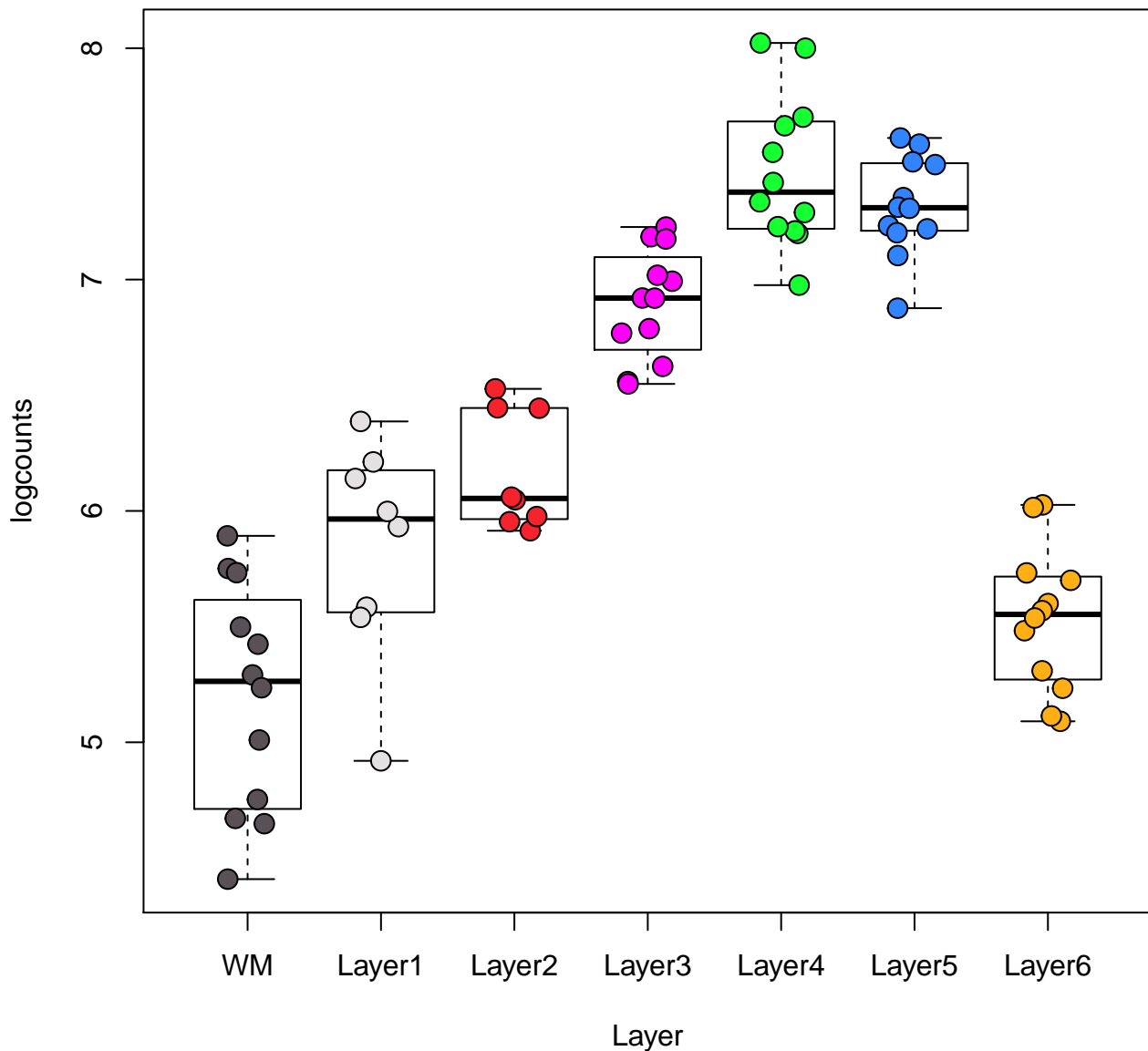
**L4\_r7;L4-L6\_r2;L4-WM\_r6;L3-L2\_r2;L4-L2\_r1**



FRMPD2 ENSG00000170324 Layer4-WM

tstat 1.71e+01 p 6.09e-27

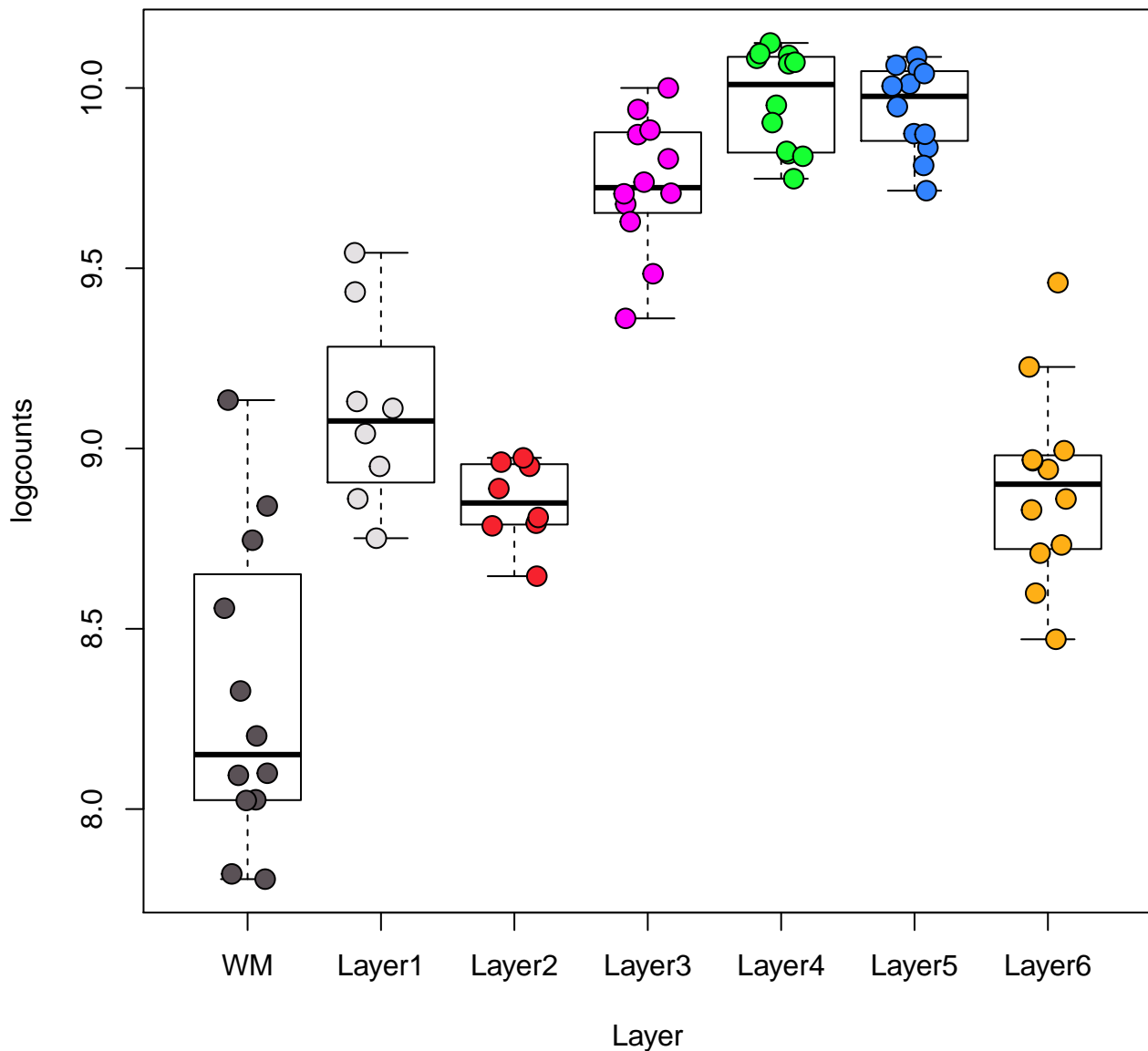
L4-L6\_r1;L5-L6\_r1;L4-WM\_r7;L5-WM\_r9



**SNCG ENSG00000173267 Layer4-WM**

**tstat 1.70e+01 p 9.61e-27**

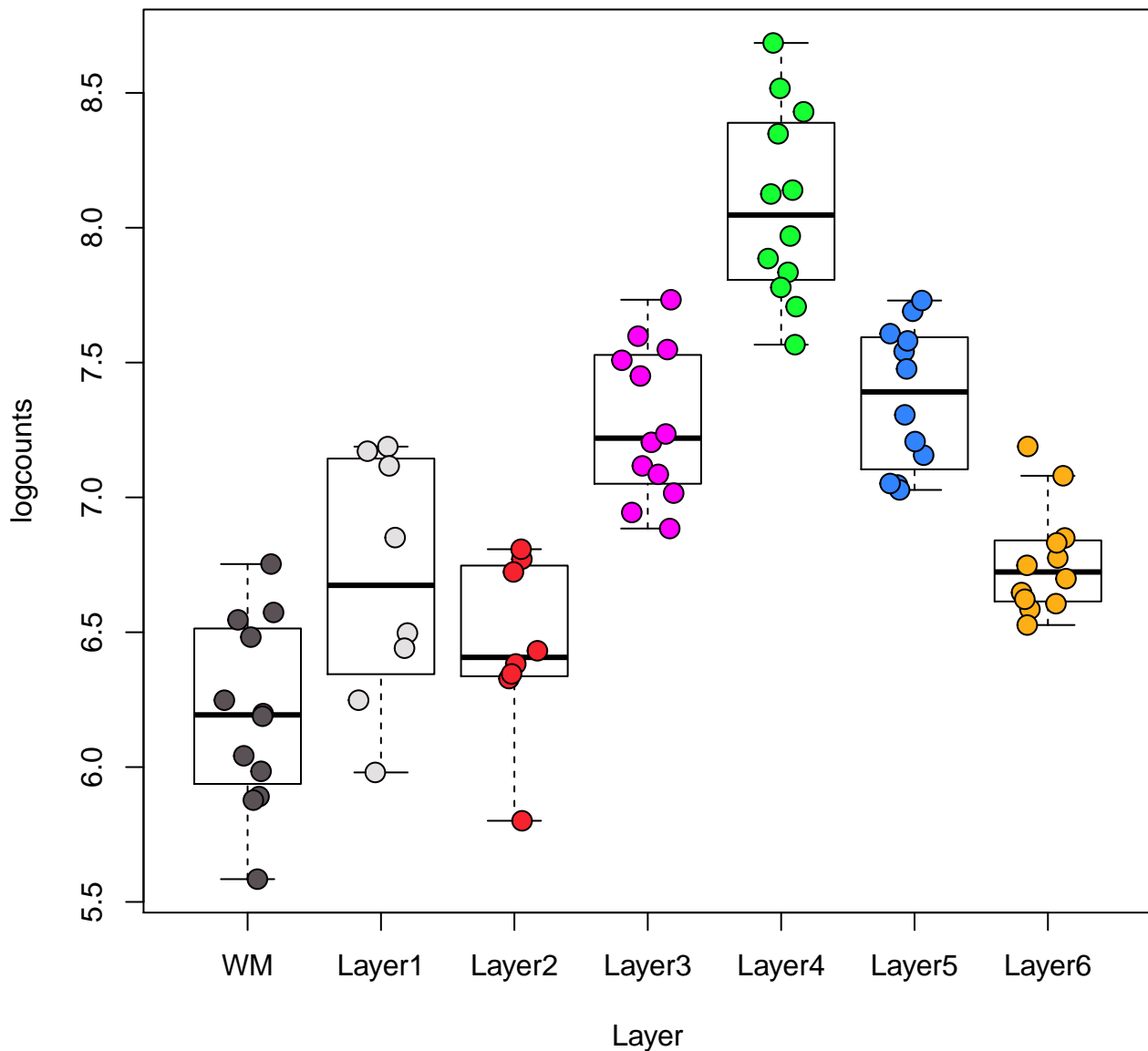
**L4-L6\_r8;L5-L6\_r4;L4-WM\_r8;L5-WM\_r4;L3-L2\_r4**



# VAMP1 ENSG00000139190 Layer4-WM

tstat 1.66e+01 p 3.21e-26

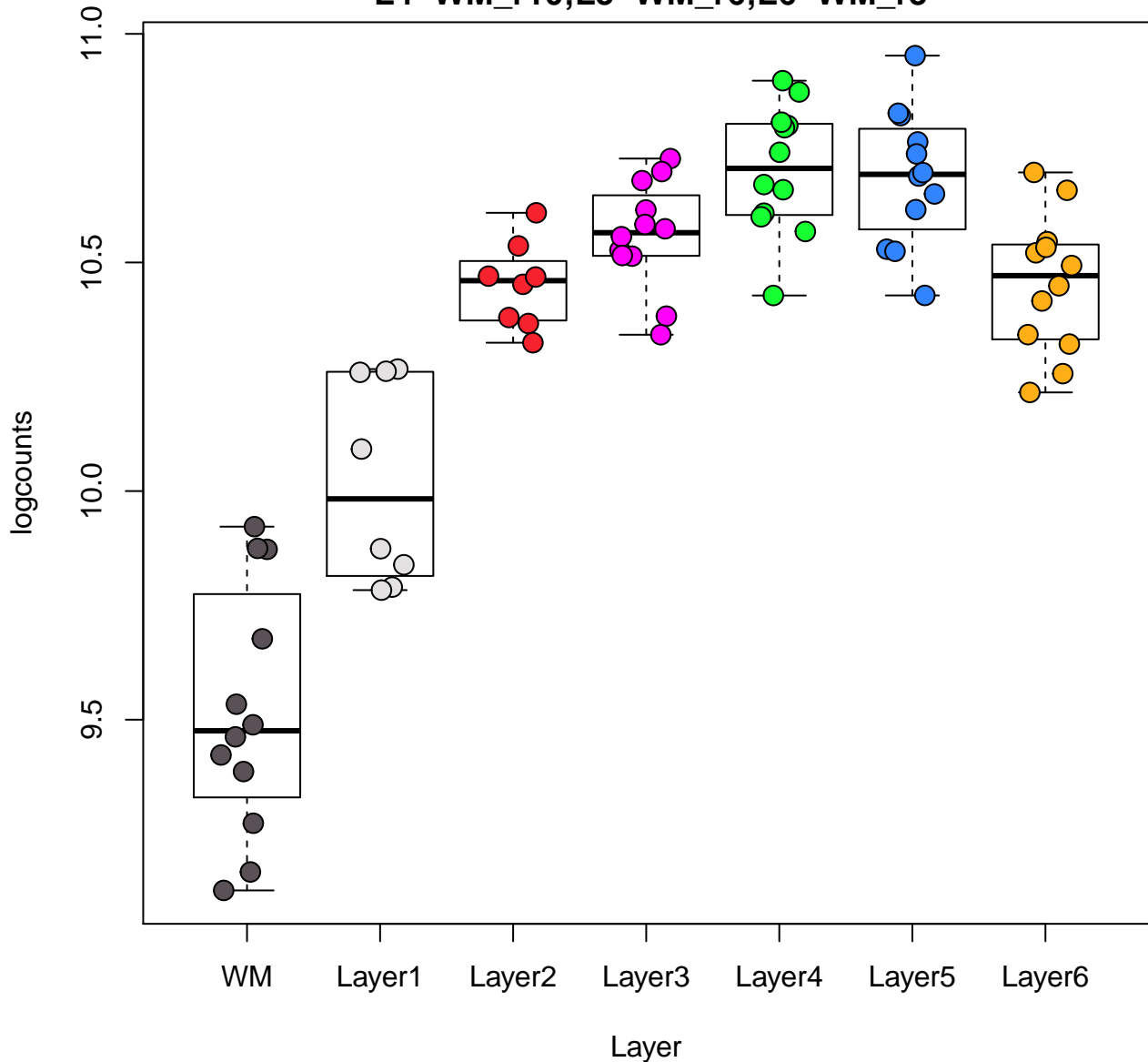
L4\_r1;L4-L6\_r5;L4-WM\_r9;L4-L1\_r9;L4-L2\_r3;L4-L3\_r3



# SNCB ENSG00000074317 Layer4-WM

tstat 1.65e+01 p 4.46e-26

L4-WM\_r10;L5-WM\_r6;L6-WM\_r3

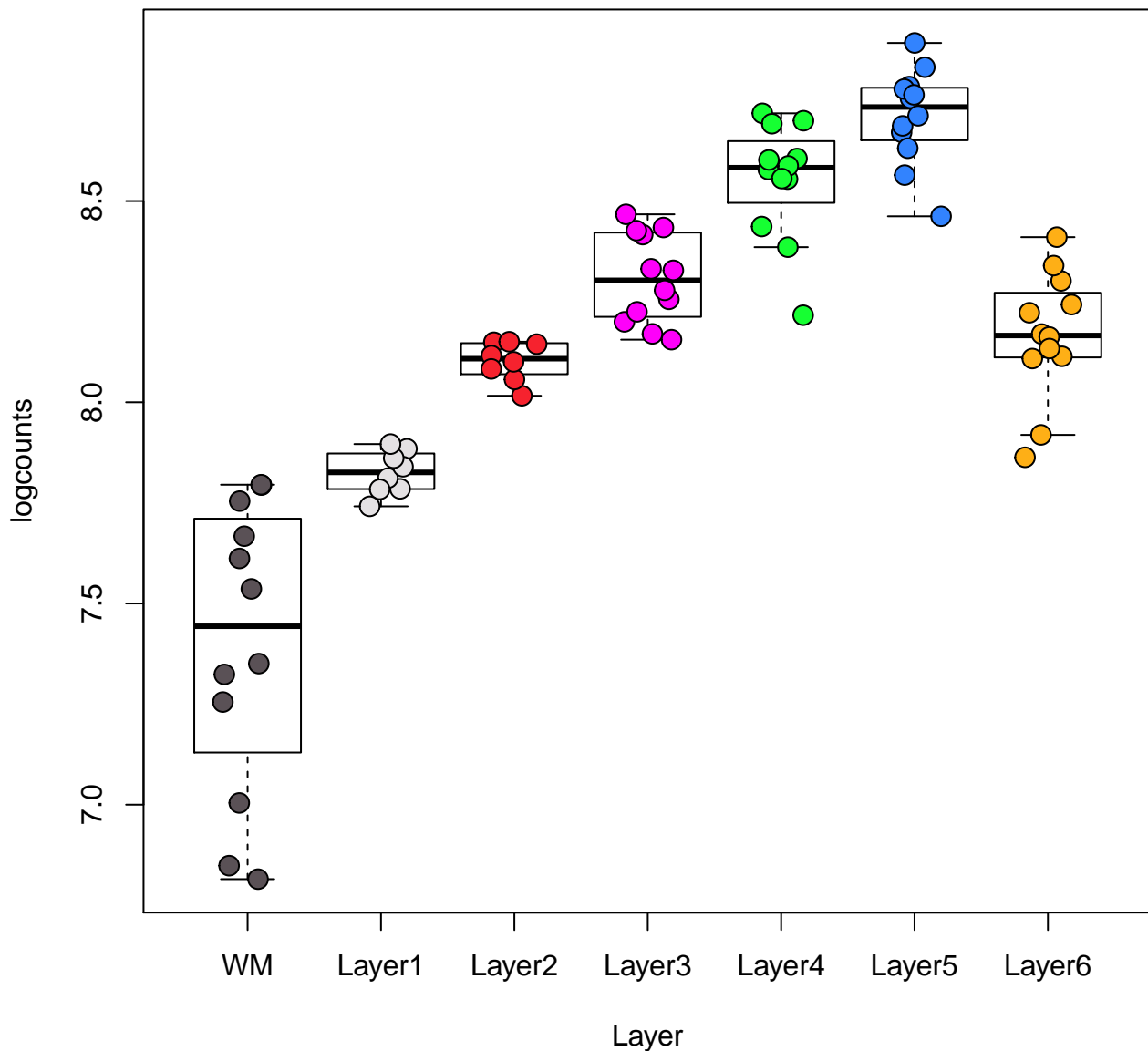




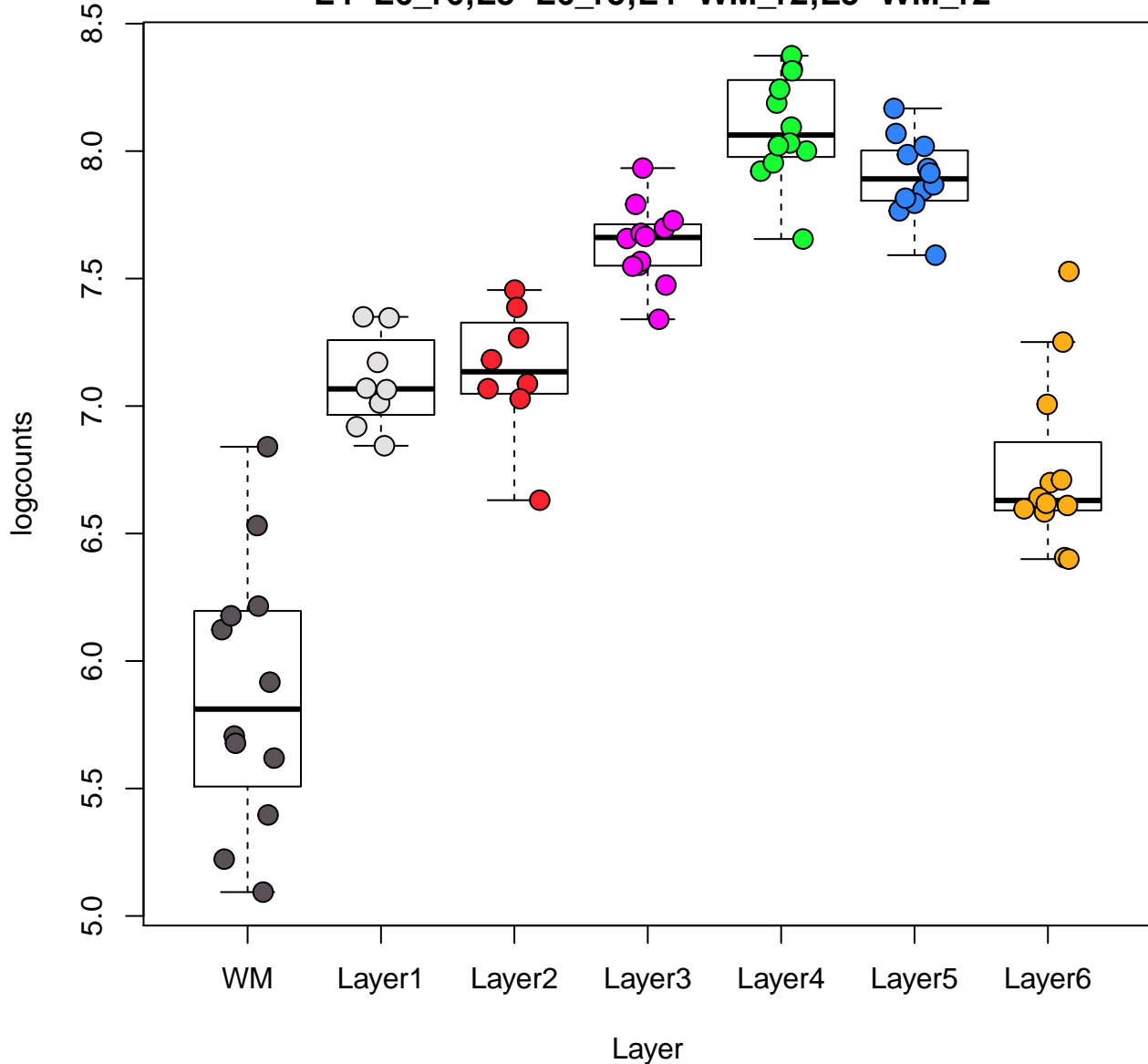
NAP1L5 ENSG00000177432 Layer5-WM

tstat 1.78e+01 p 5.67e-28

L5-WM\_r1



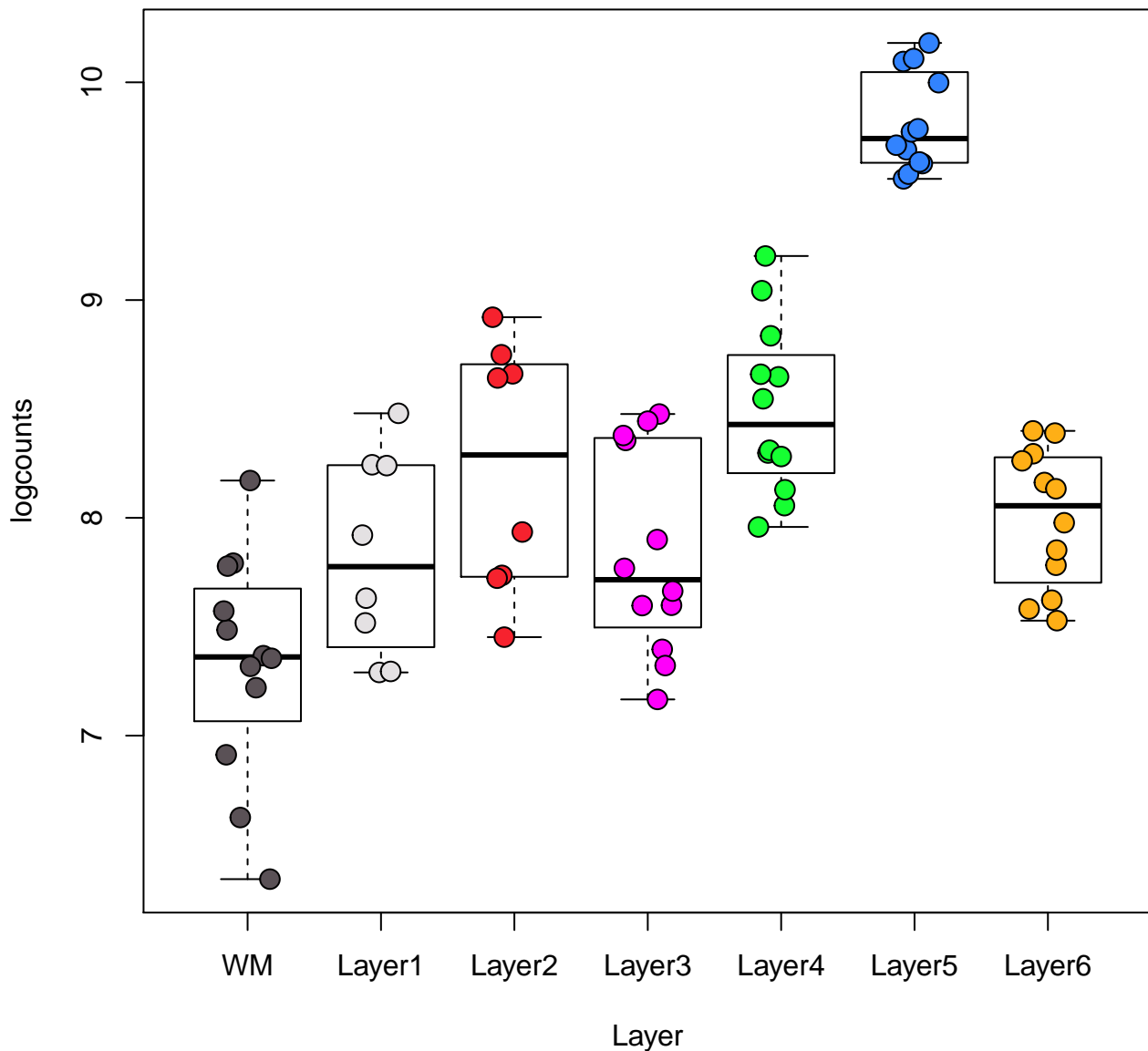
**PARM1 ENSG00000169116 Layer5-WM**  
**tstat 1.75e+01 p 1.67e-27**  
**L4-L6\_r6;L5-L6\_r5;L4-WM\_r2;L5-WM\_r2**



# PCP4 ENSG00000183036 Layer5-WM

tstat 1.68e+01 p 1.52e-26

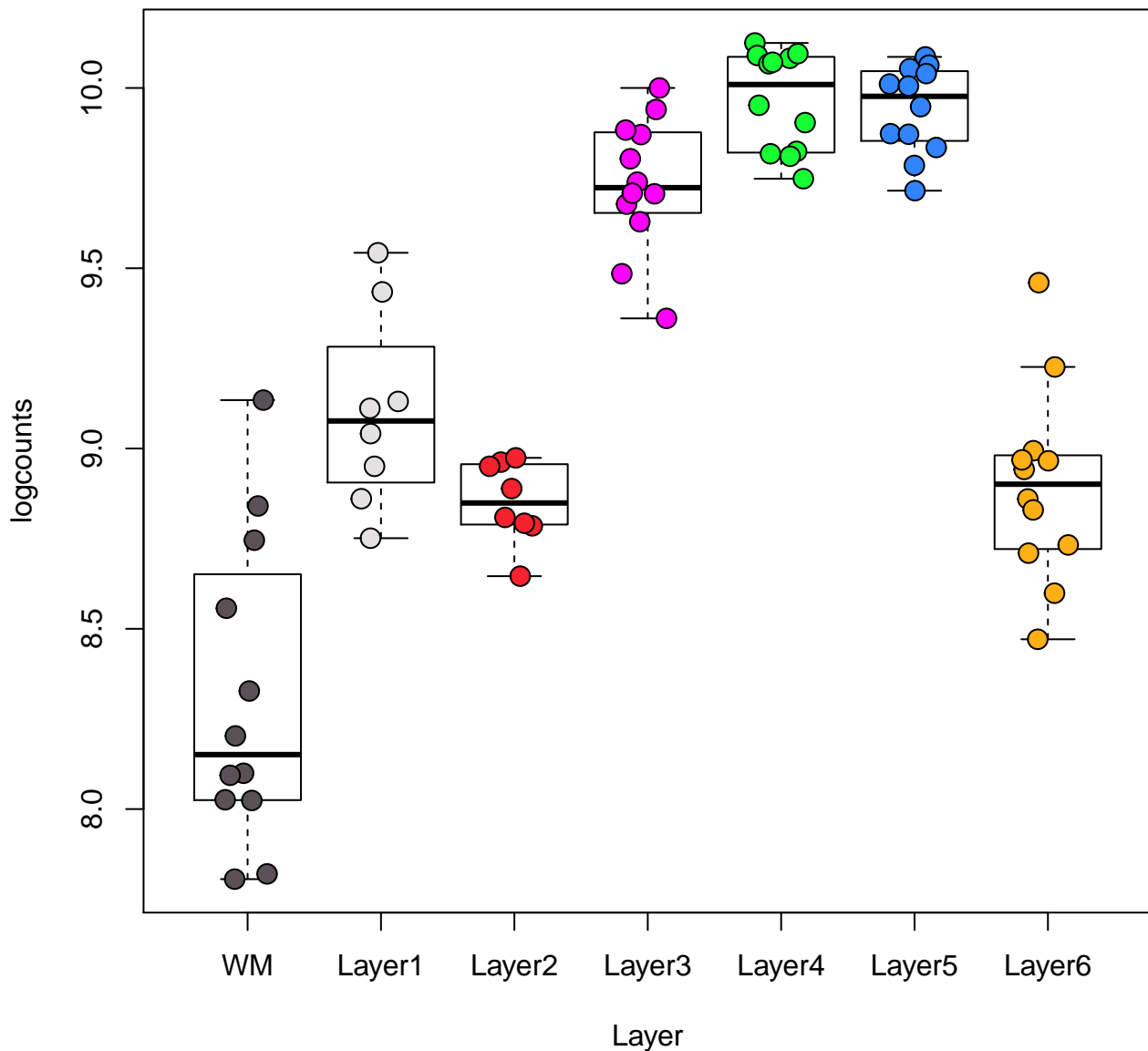
L5\_r1;L5-L6\_r2;L5-WM\_r3;L5-L3\_r4;L5-L4\_r6



**SNCG ENSG00000173267 Layer5-WM**

**tstat 1.67e+01 p 2.29e-26**

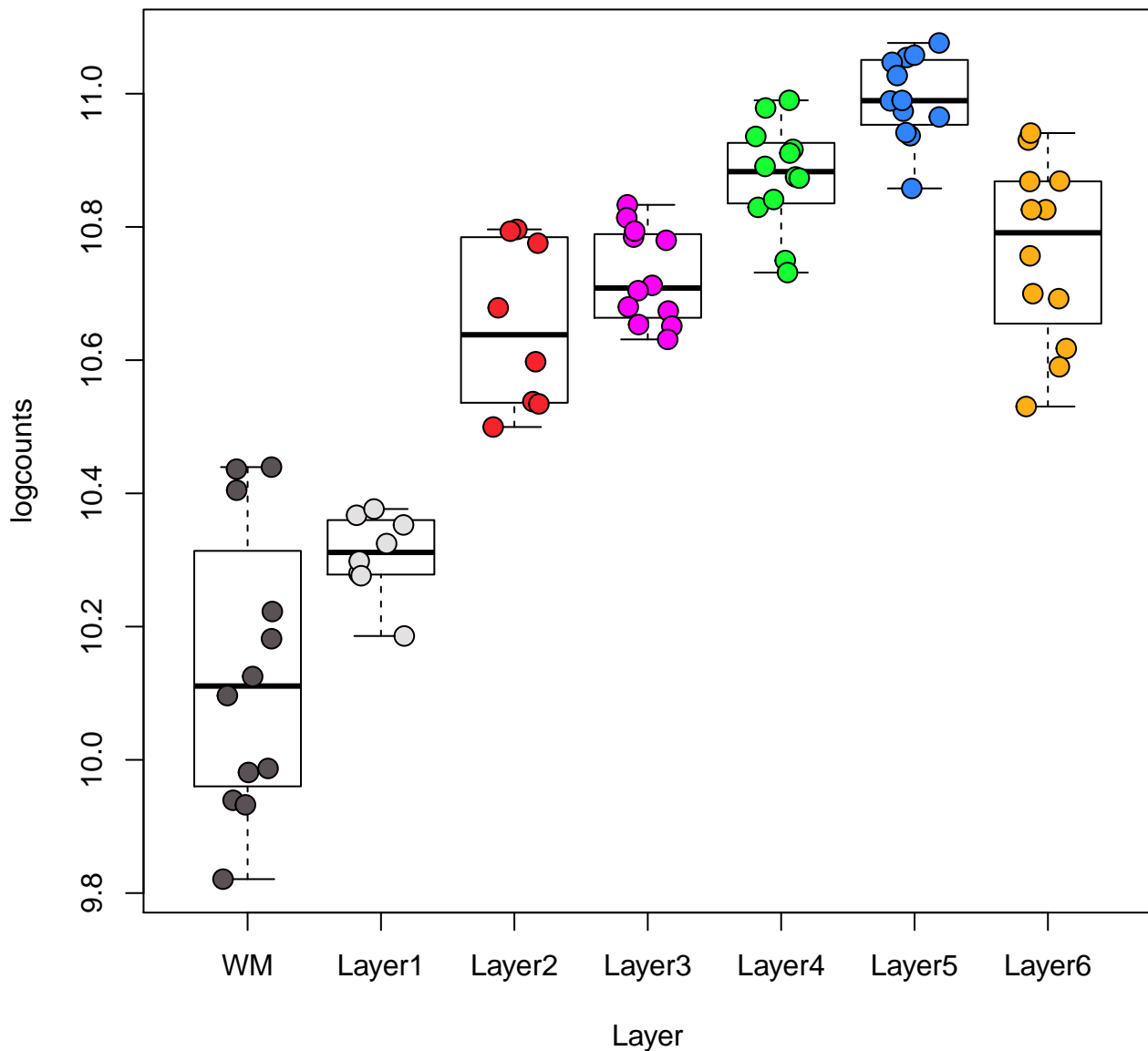
**L4-L6\_r8;L5-L6\_r4;L4-WM\_r8;L5-WM\_r4;L3-L2\_r4**



SNRPN ENSG00000128739 Layer5-WM

tstat 1.64e+01 p 5.59e-26

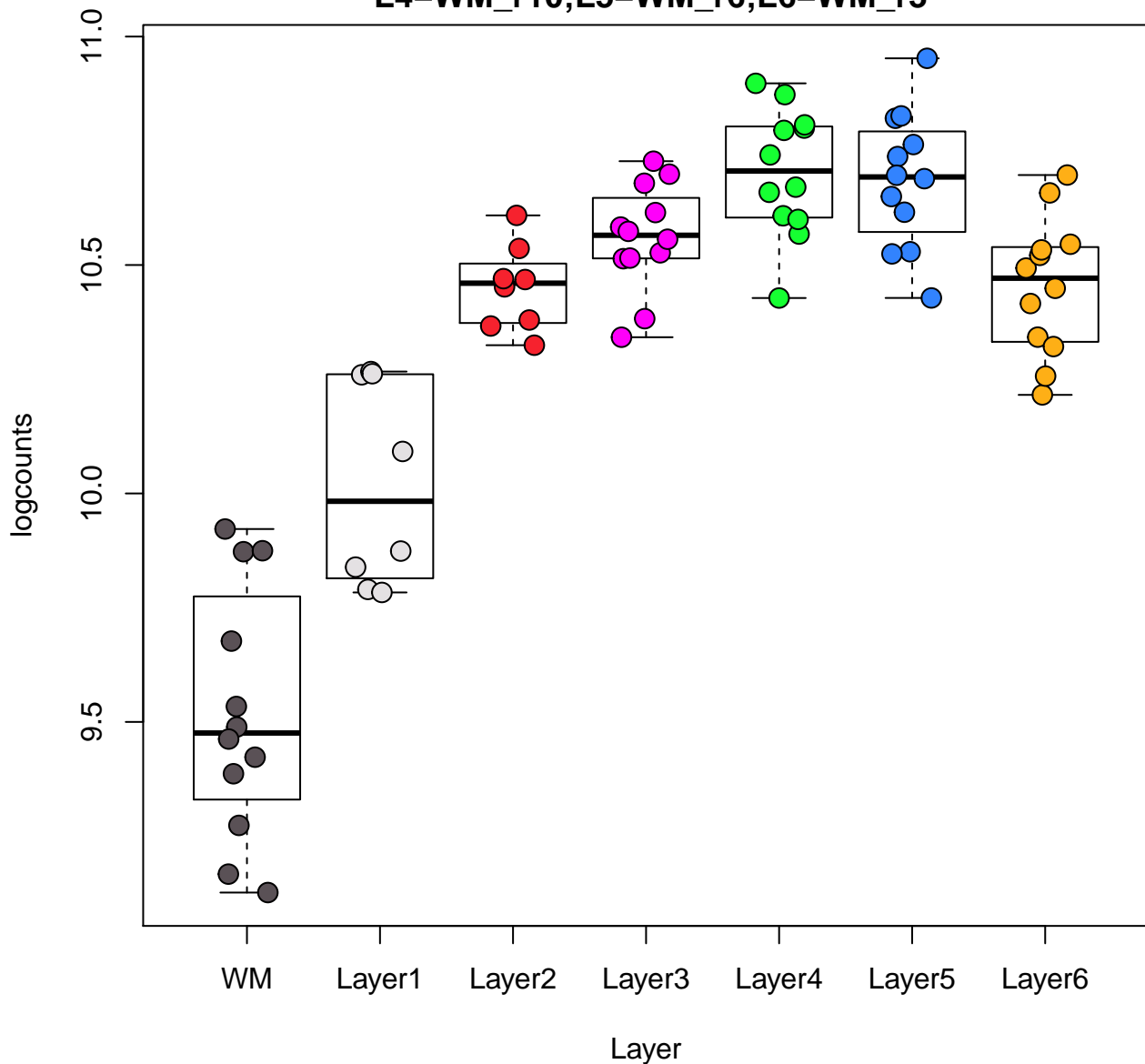
L5-WM\_r5;L6-WM\_r6



# SNCB ENSG00000074317 Layer5-WM

tstat 1.63e+01 p 1.04e-25

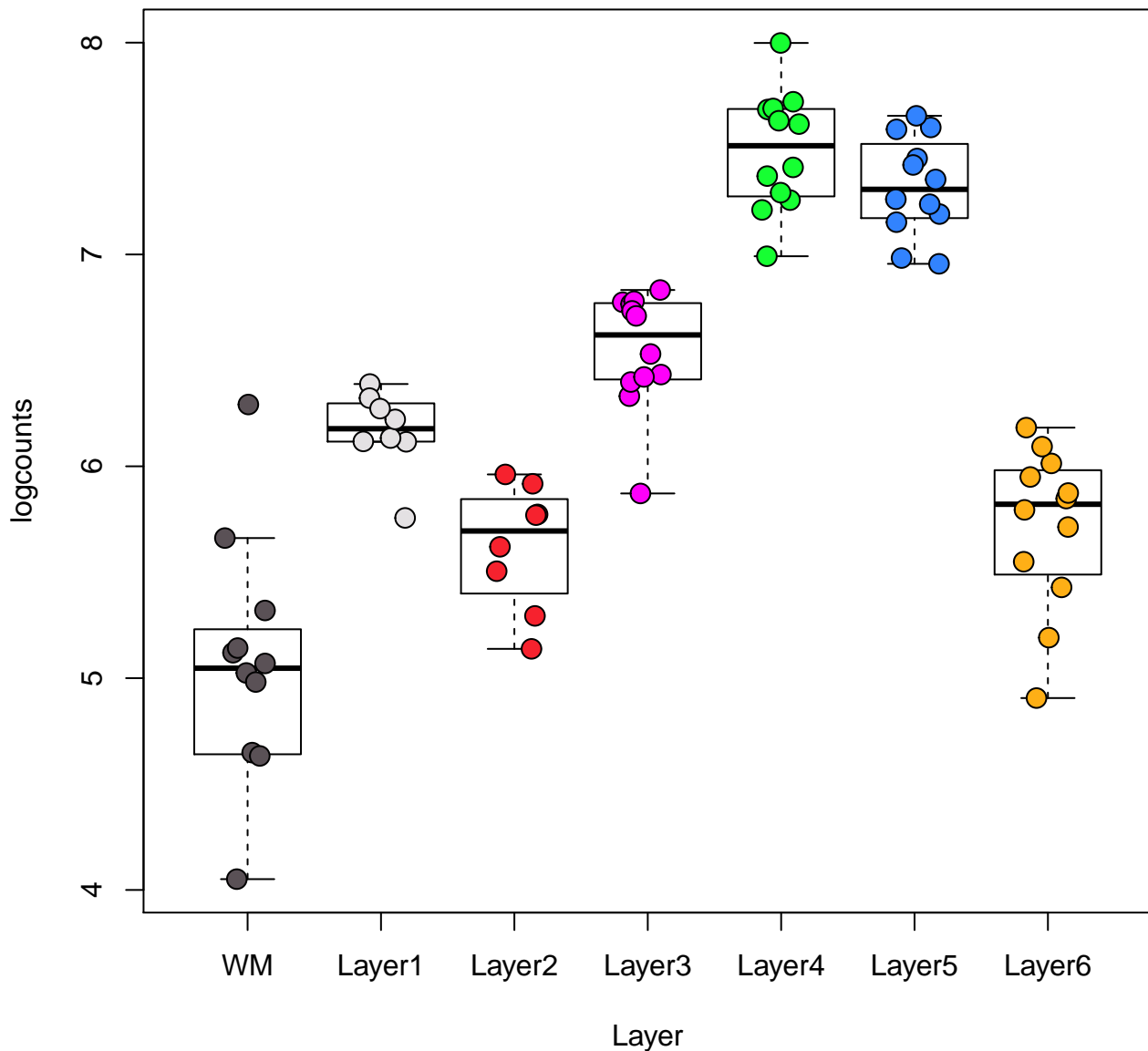
L4-WM\_r10;L5-WM\_r6;L6-WM\_r3



# RORB ENSG00000198963 Layer5-WM

tstat 1.62e+01 p 1.39e-25

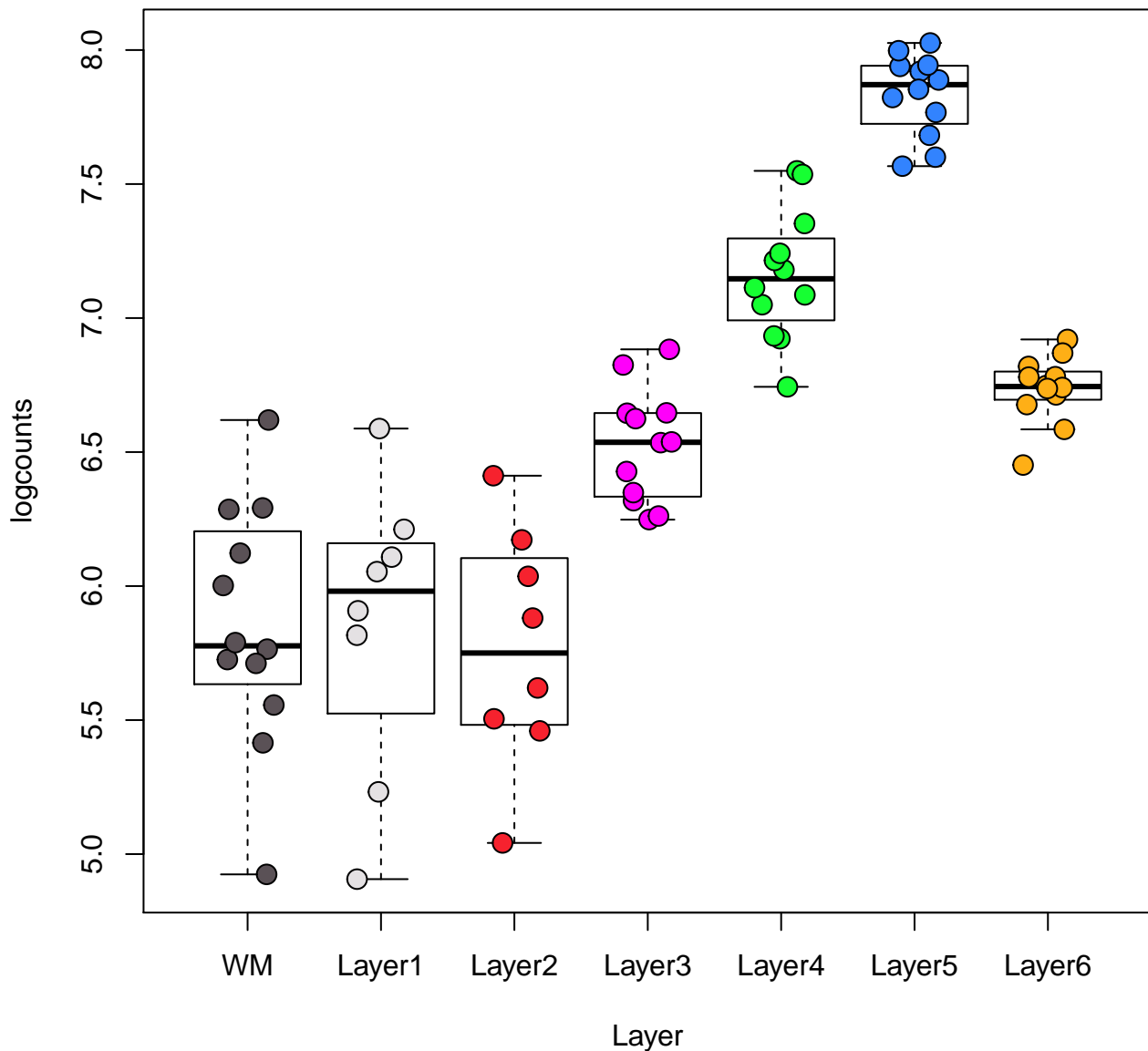
L4-L6\_r3;L5-L6\_r3;L4-WM\_r4;L5-WM\_r7;L4-L2\_r9;L4-L3\_r6



# SMYD2 ENSG00000143499 Layer5-WM

tstat 1.61e+01 p 1.89e-25

L5\_r3;L5-L6\_r7;L5-WM\_r8;L5-L1\_r6;L5-L2\_r4

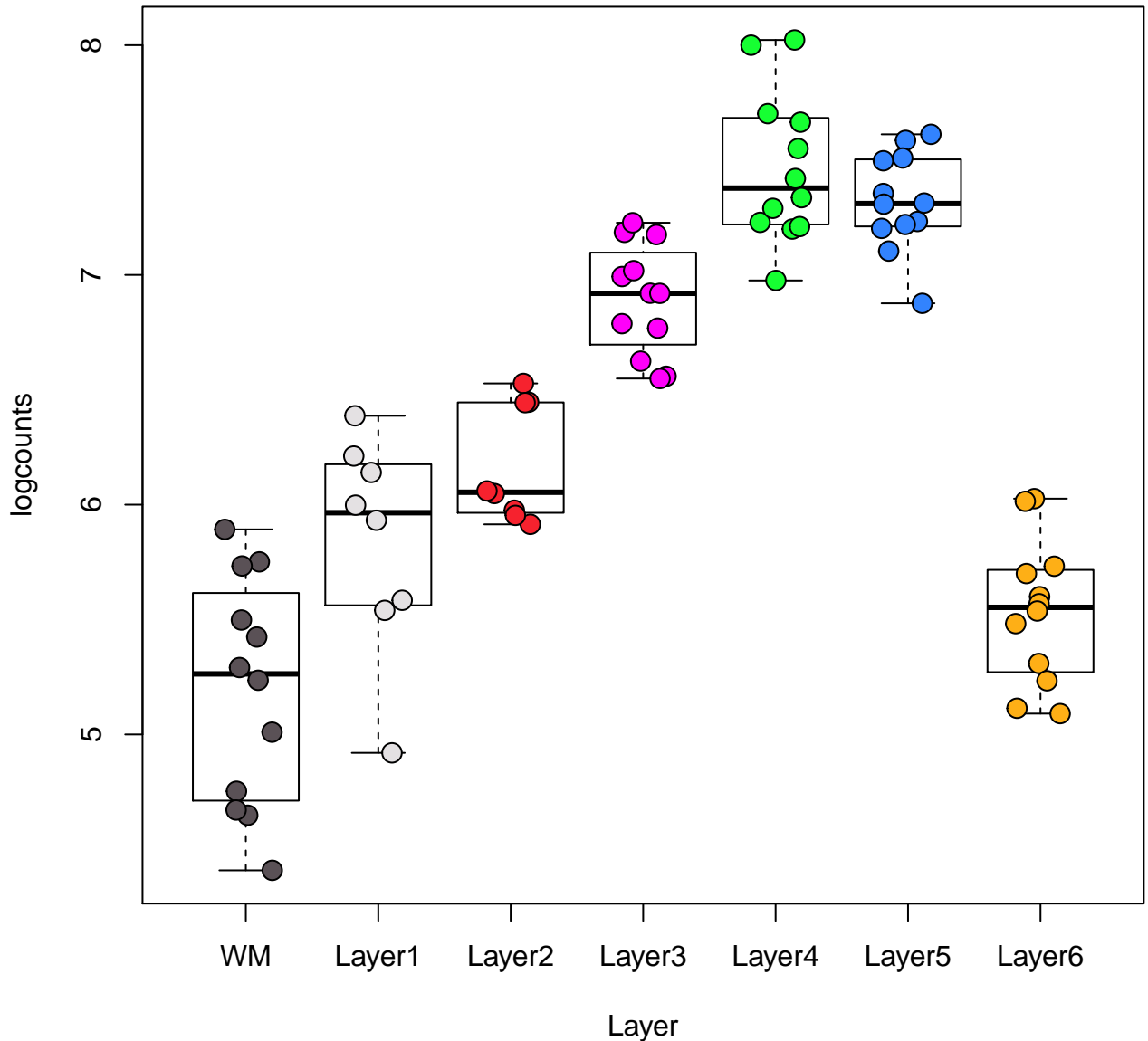




# FRMPD2 ENSG00000170324 Layer5-WM

tstat 1.60e+01 p 2.85e-25

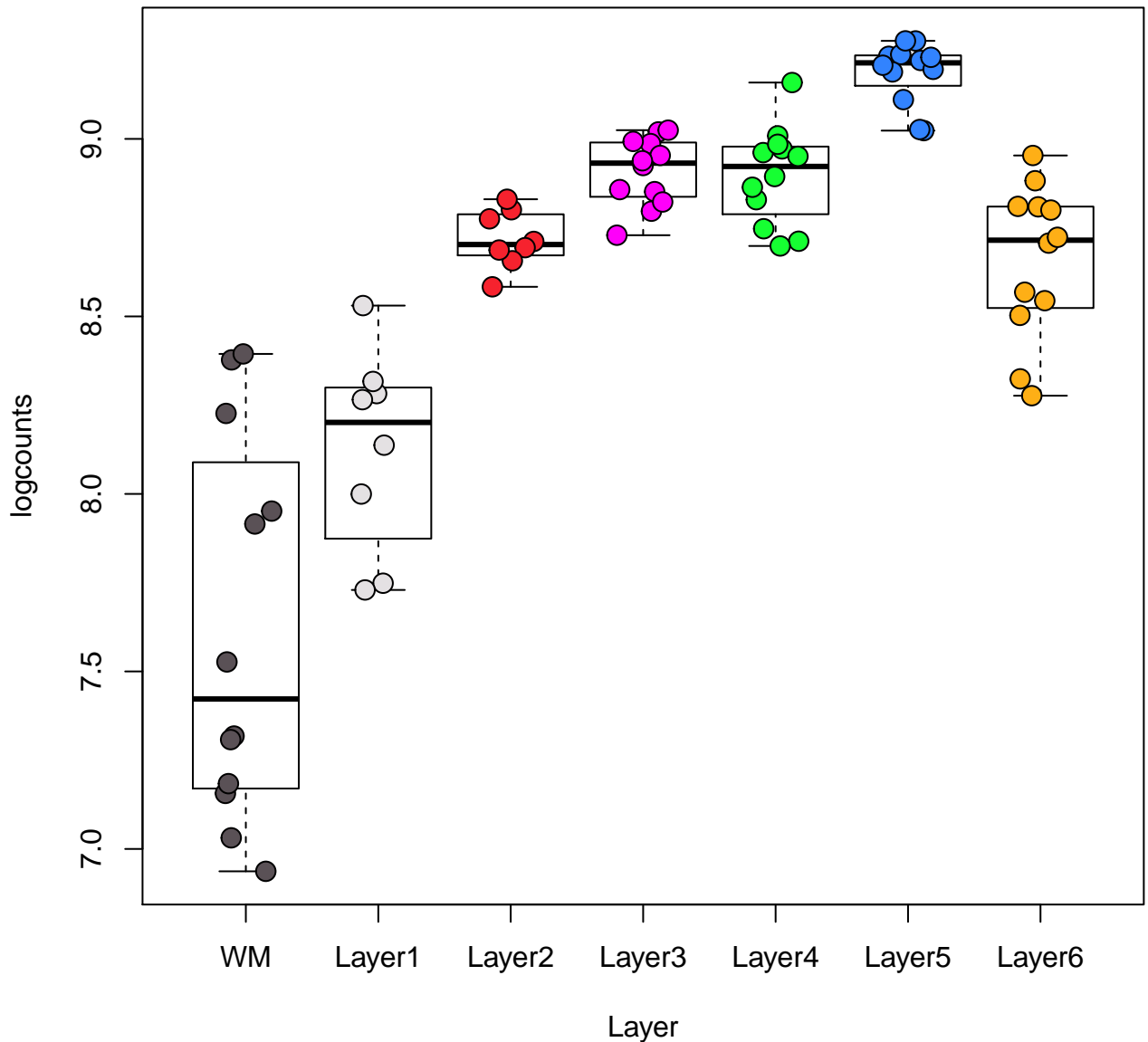
L4-L6\_r1;L5-L6\_r1;L4-WM\_r7;L5-WM\_r9



# NRN1 ENSG00000124785 Layer5-WM

tstat 1.52e+01 p 4.24e-24

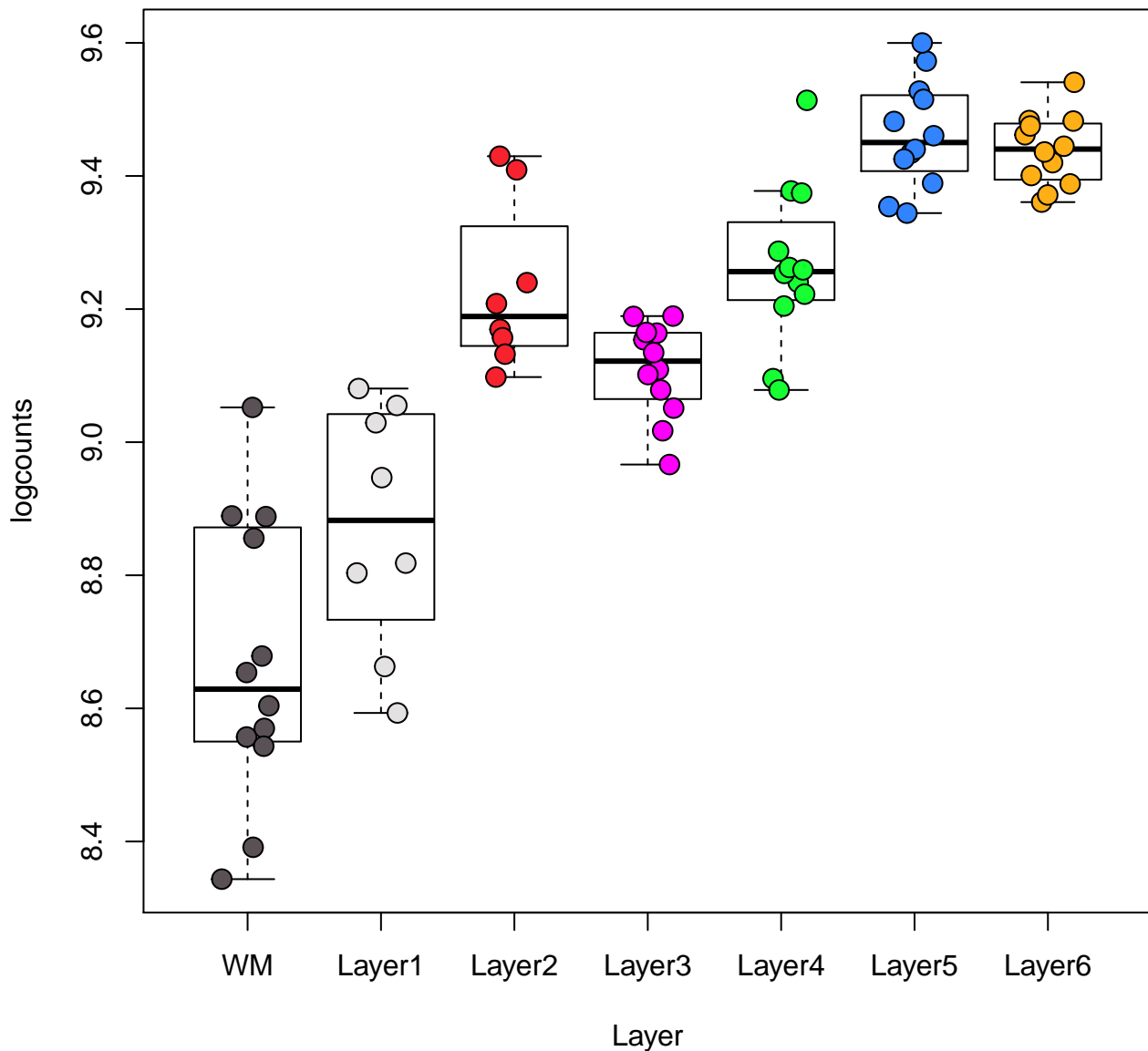
L5-WM\_r10



# C16orf45 ENSG00000166780 Layer6-WM

tstat 1.32e+01 p 6.81e-21

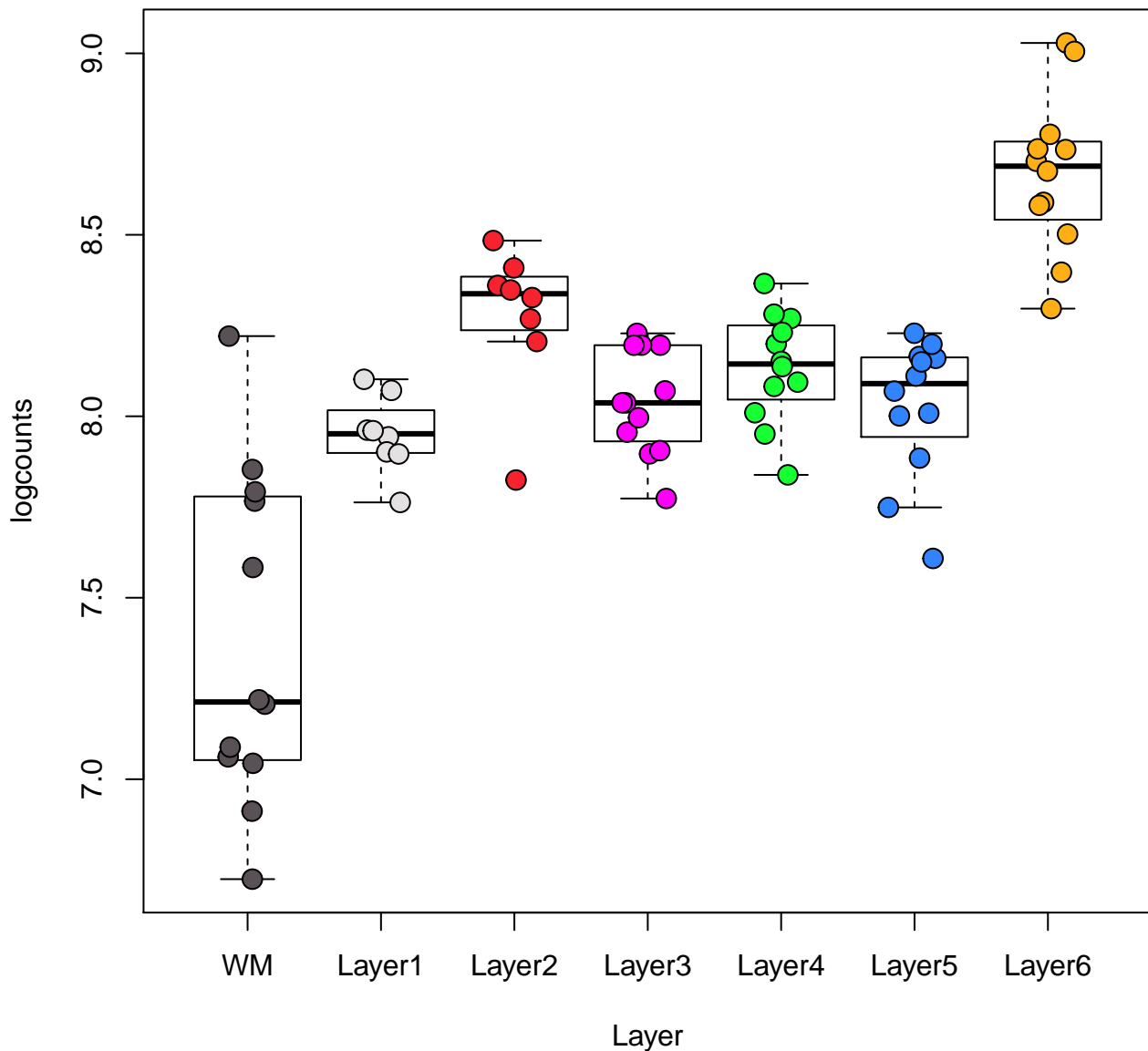
L6-WM\_r1



# SYNPR ENSG00000163630 Layer6-WM

tstat  $1.31\text{e}+01$  p  $9.80\text{e}-21$

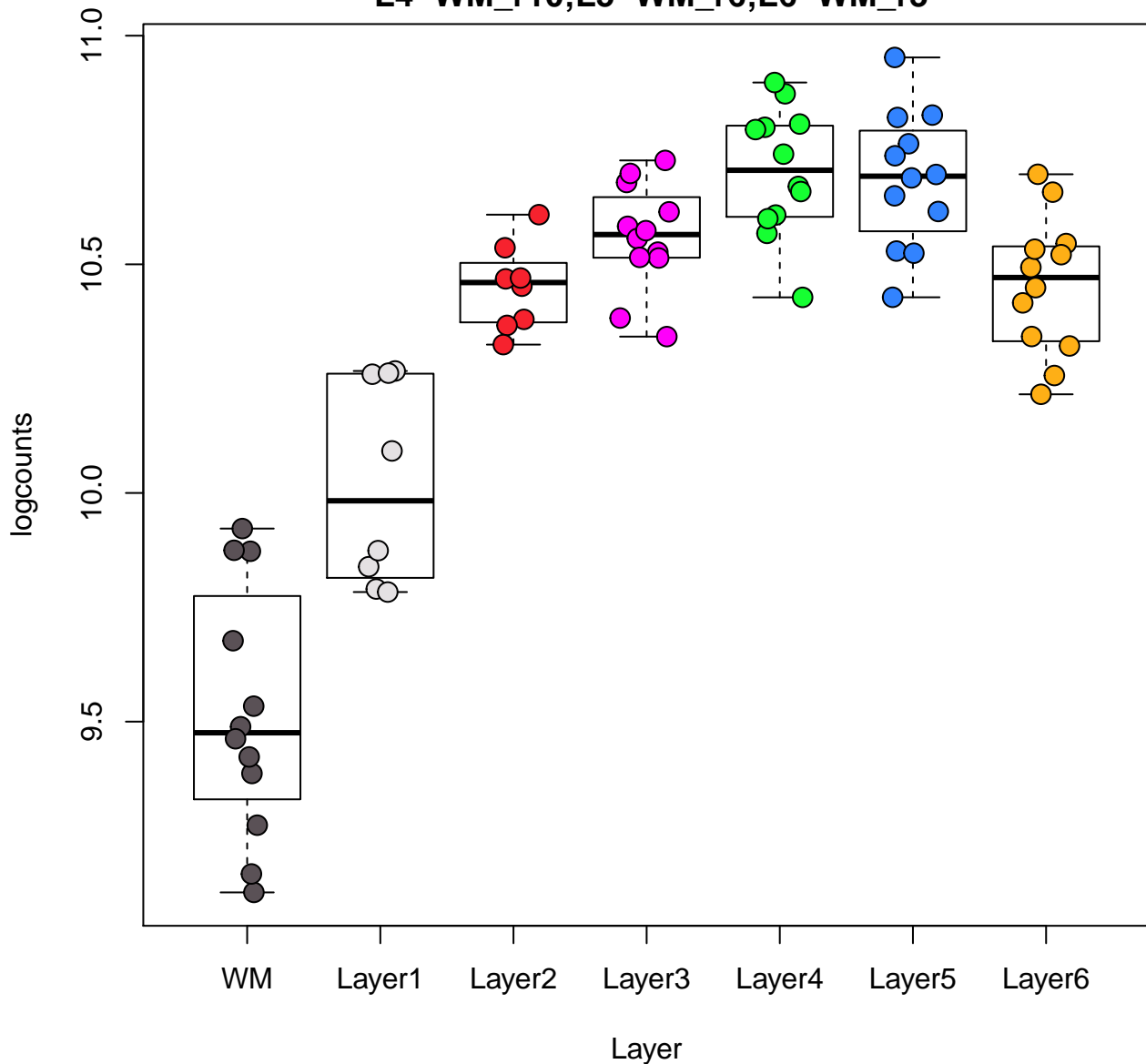
L6-WM\_r2



# SNCB ENSG00000074317 Layer6-WM

tstat 1.30e+01 p 1.48e-20

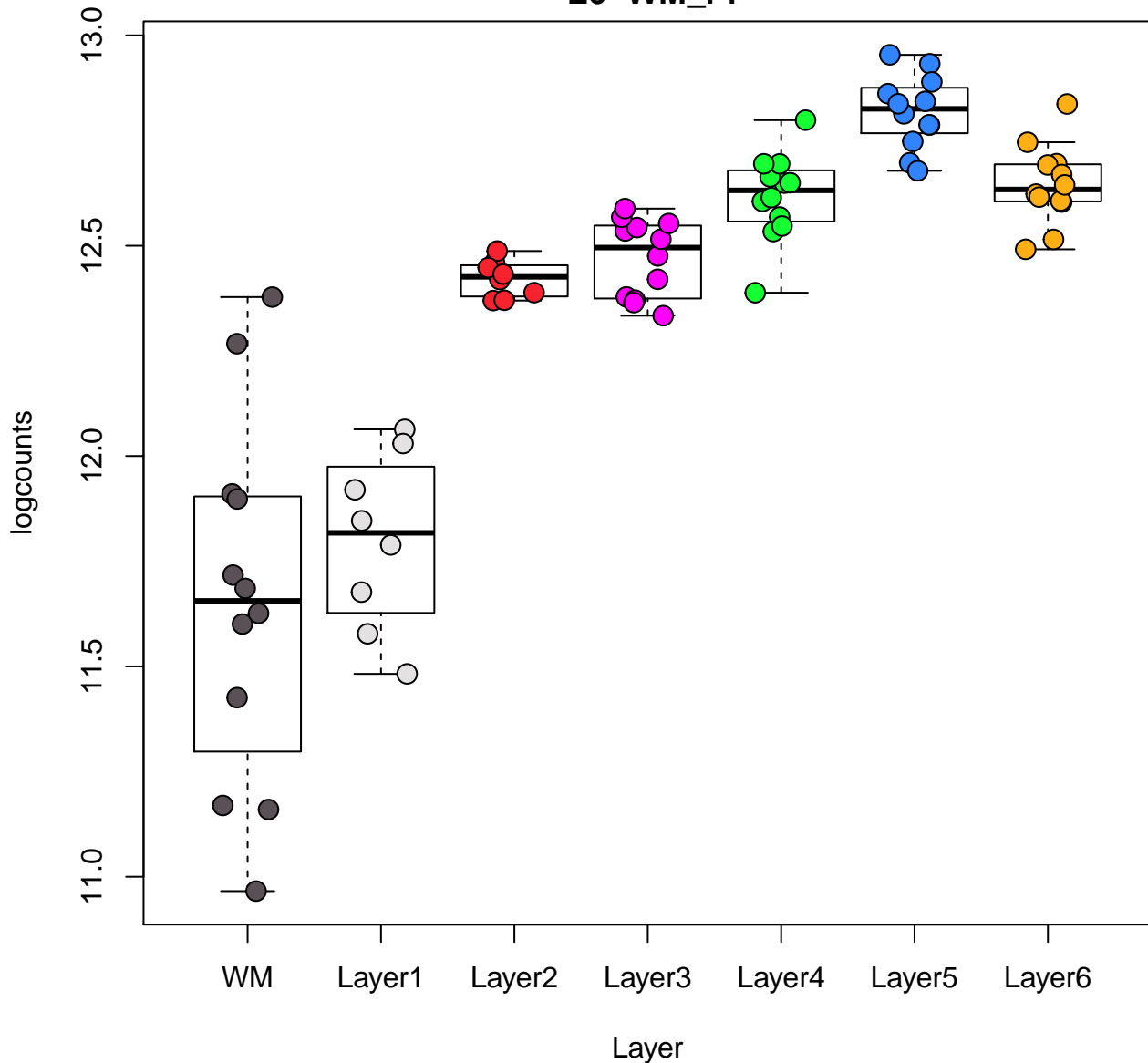
L4-WM\_r10;L5-WM\_r6;L6-WM\_r3



# SNAP25 ENSG00000132639 Layer6-WM

tstat 1.23e+01 p 2.24e-19

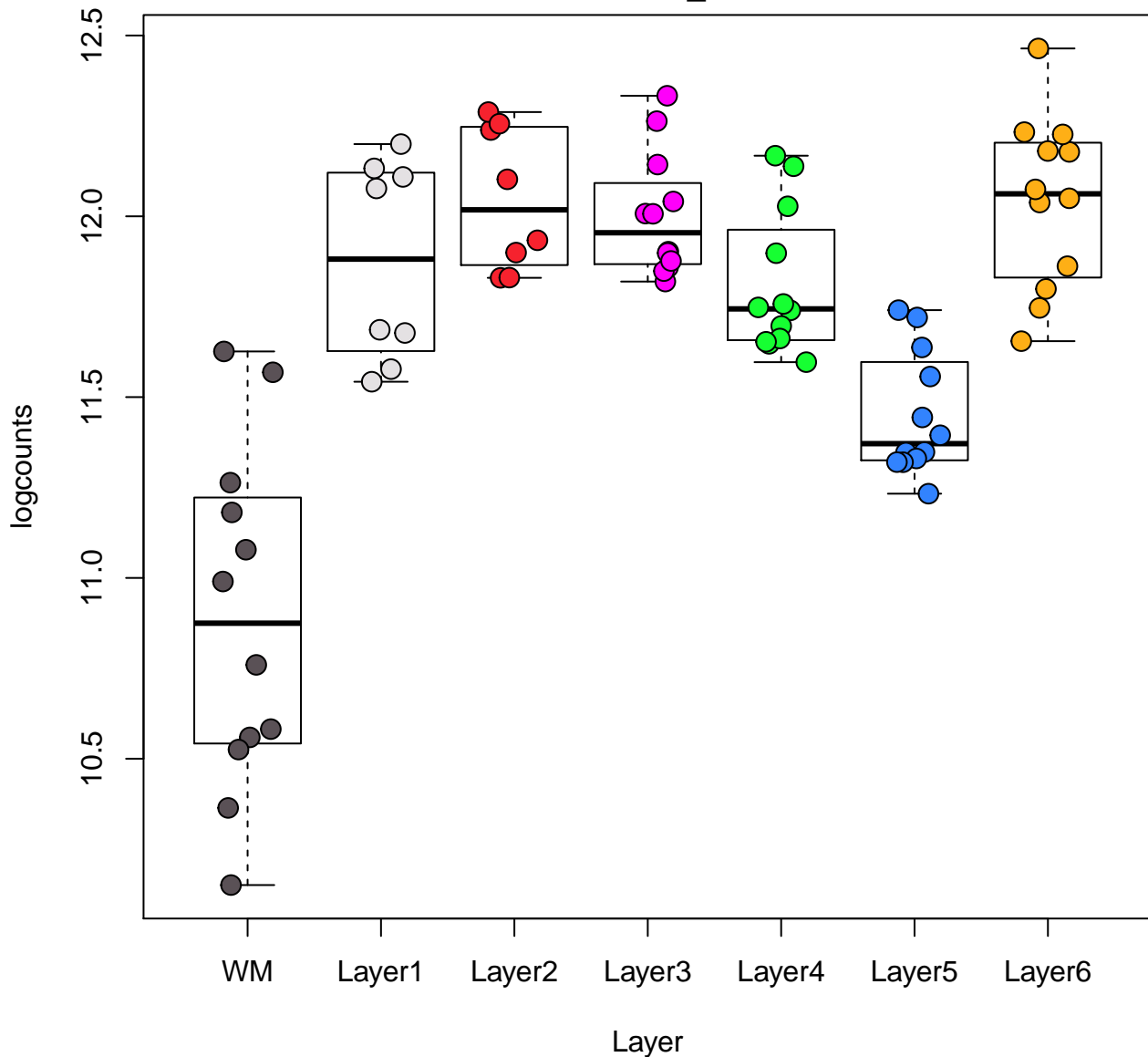
L6-WM\_r4



# CCK ENSG00000187094 Layer6-WM

tstat 1.22e+01 p 4.48e-19

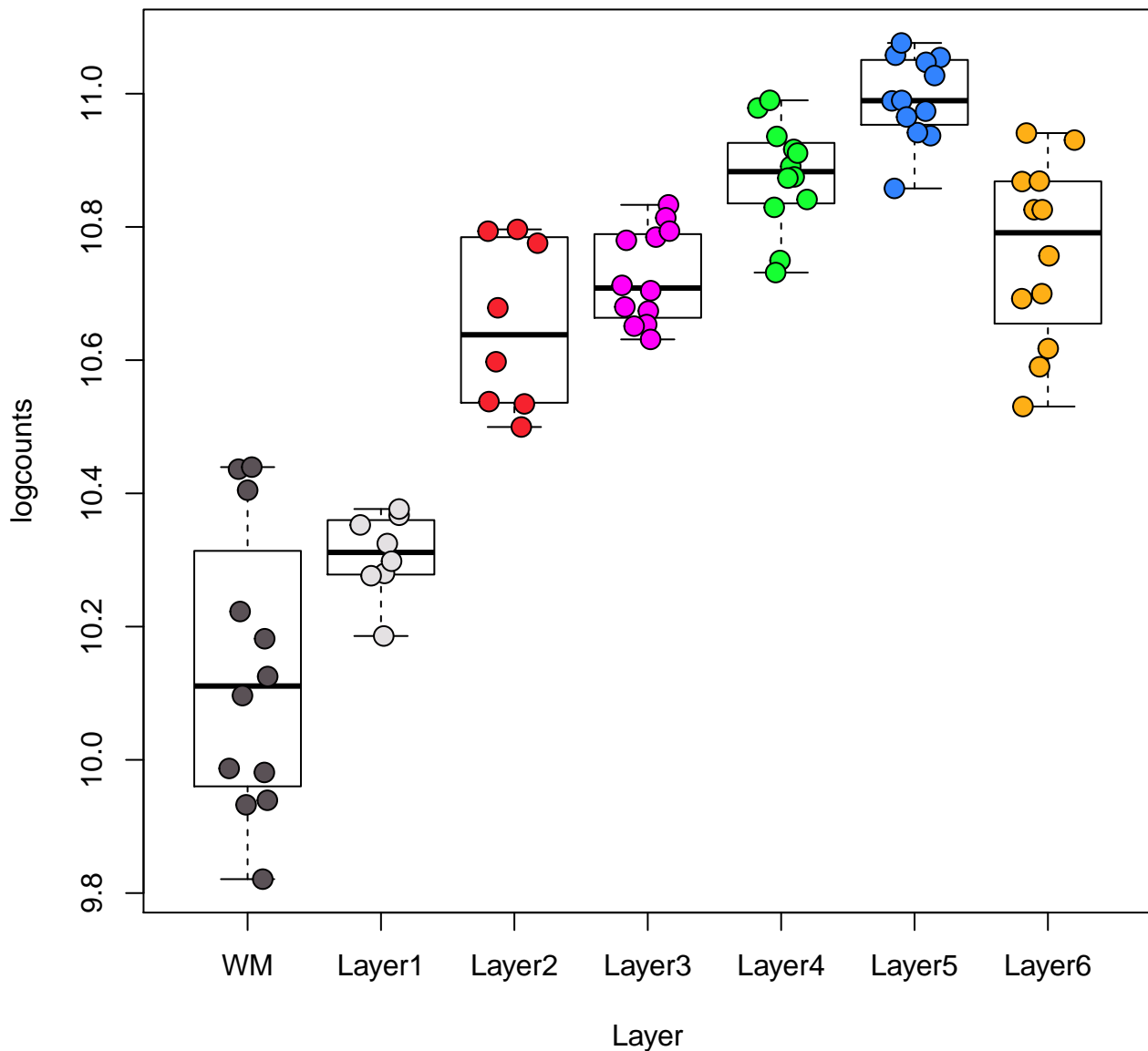
L6-WM\_r5



SNRPN ENSG00000128739 Layer6-WM

tstat 1.20e+01 p 7.38e-19

L5-WM\_r5;L6-WM\_r6

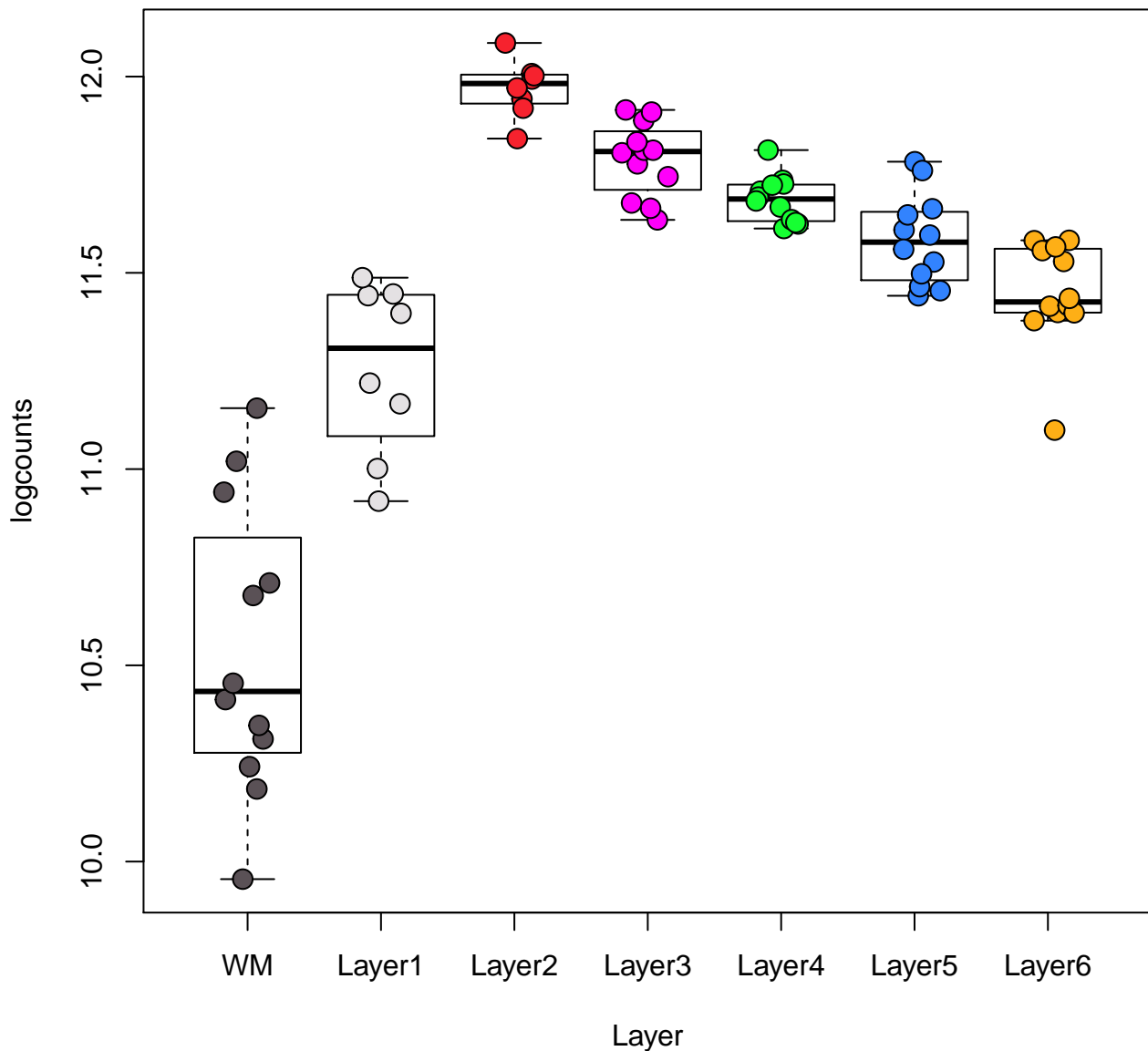




# OLFM1 ENSG00000130558 Layer6-WM

tstat 1.19e+01 p 1.17e-18

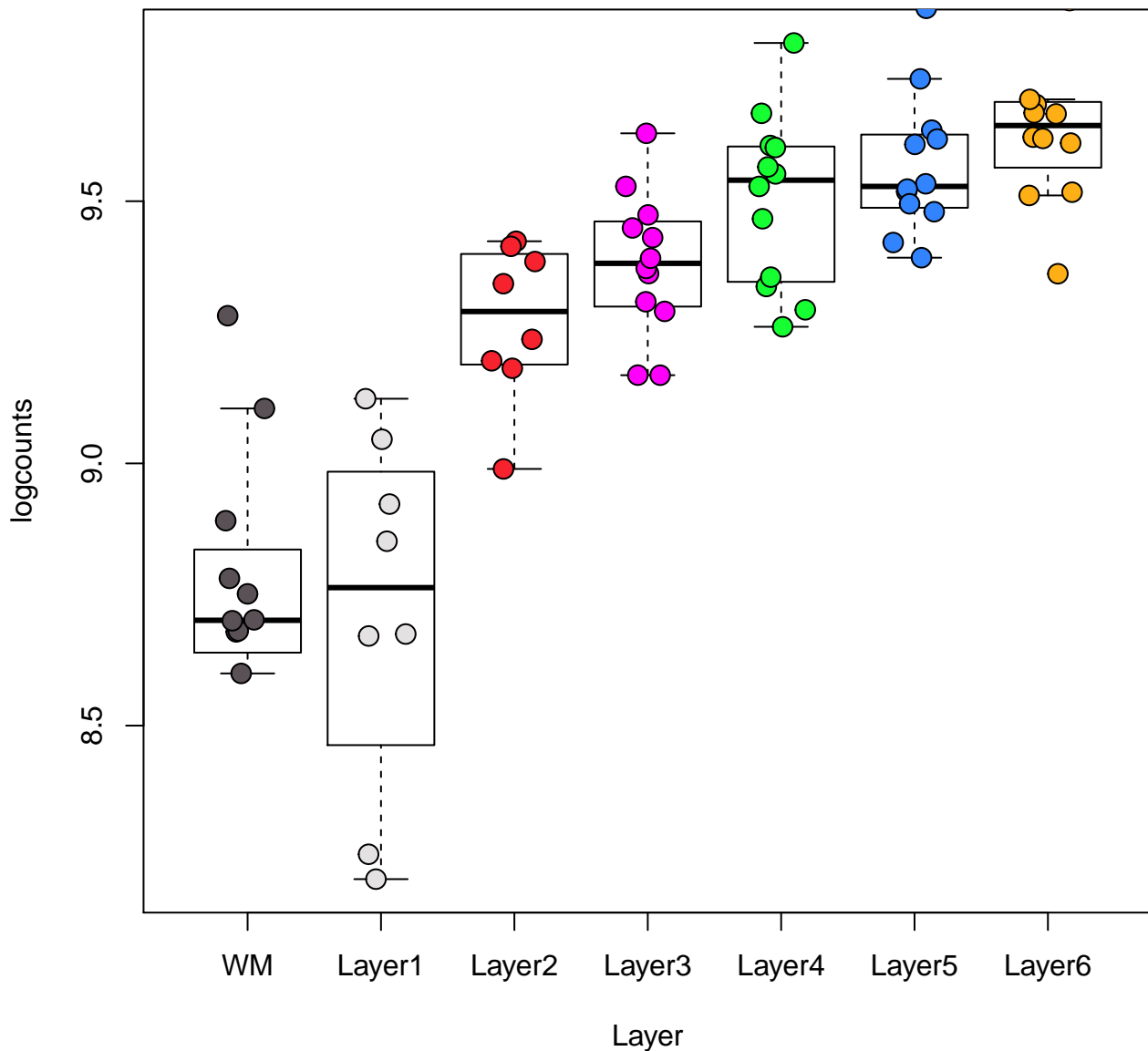
L2-WM\_r7;L3-WM\_r6;L6-WM\_r7



# TUBA4A ENSG00000127824 Layer6-WM

tstat 1.14e+01 p 8.37e-18

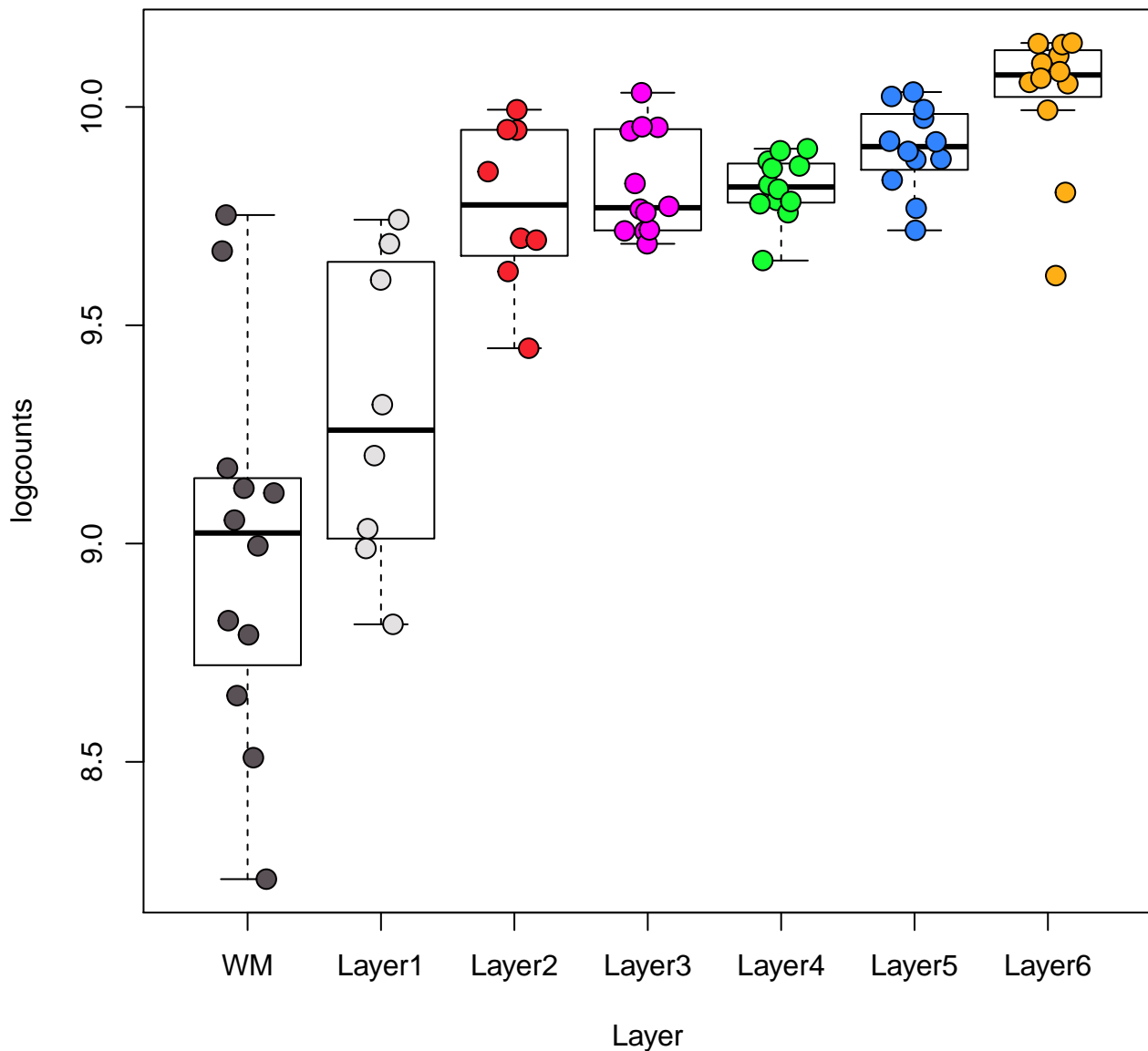
L6-WM\_r8



PI4KA ENSG00000241973 Layer6-WM

tstat 1.14e+01 p 8.46e-18

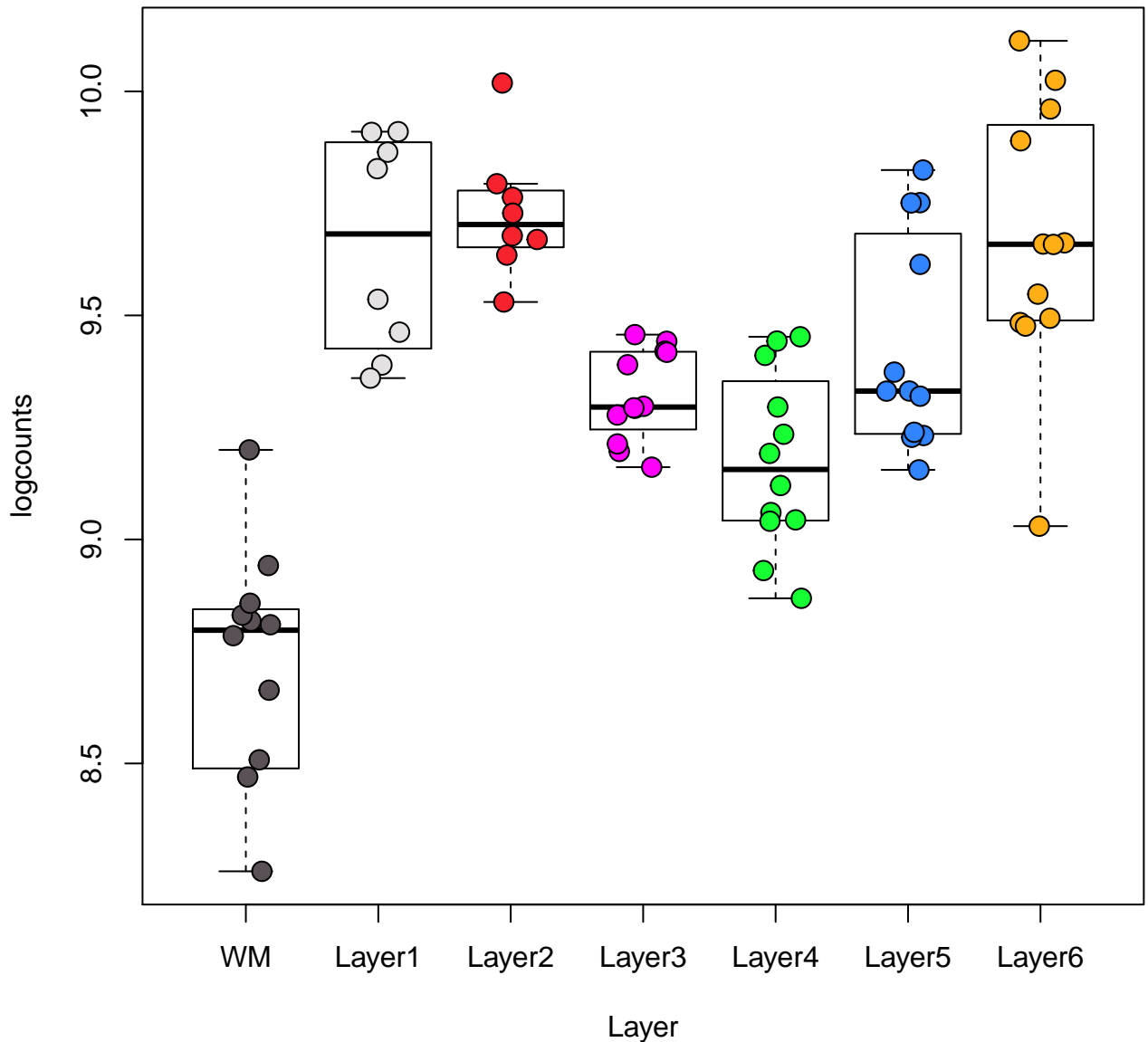
L6-WM\_r9



# CPLX2 ENSG00000145920 Layer6-WM

tstat 1.14e+01 p 8.73e-18

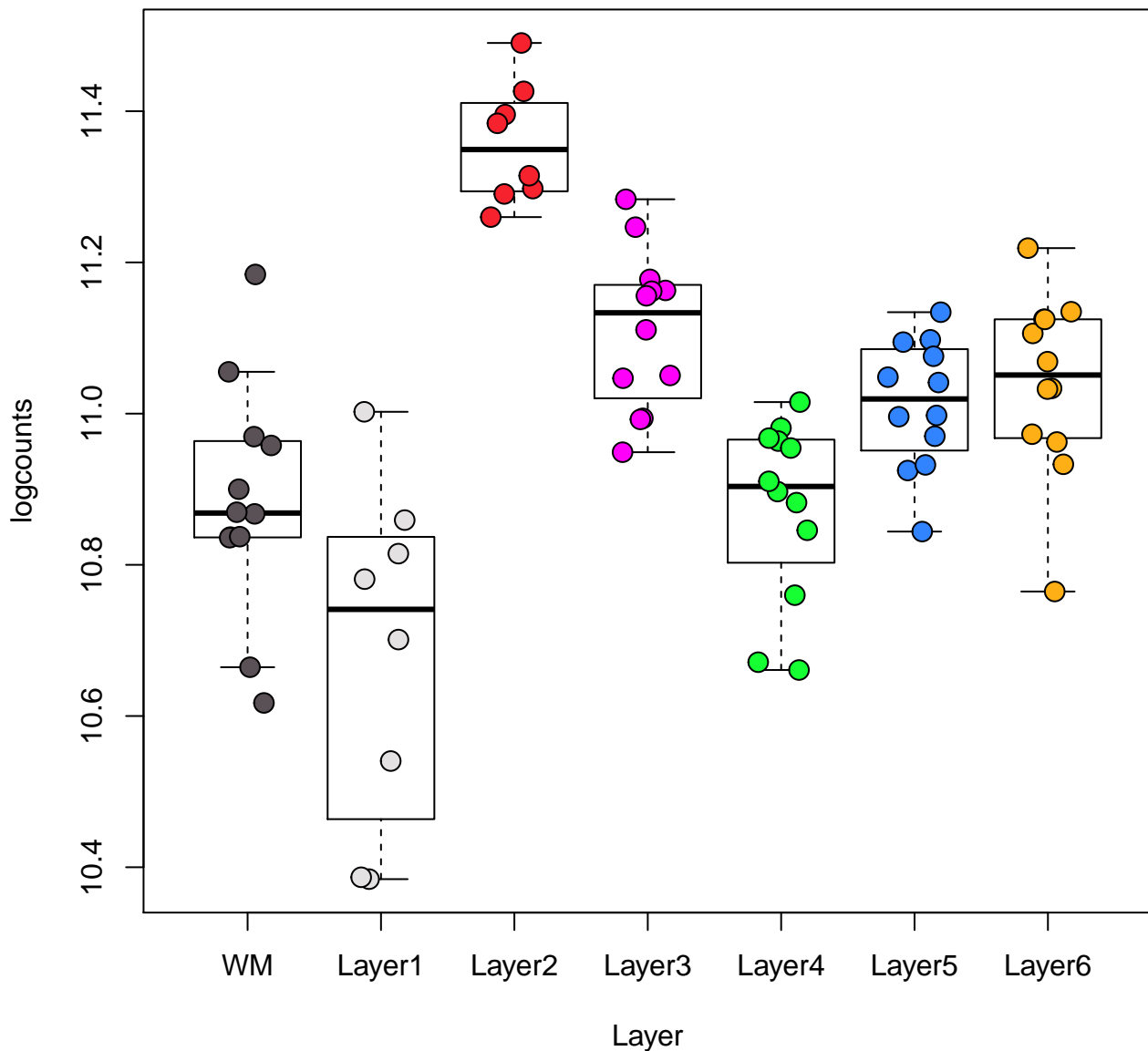
L6-WM\_r10



# RTN4 ENSG00000115310 Layer2-Layer1

tstat 1.03e+01 p 9.04e-16

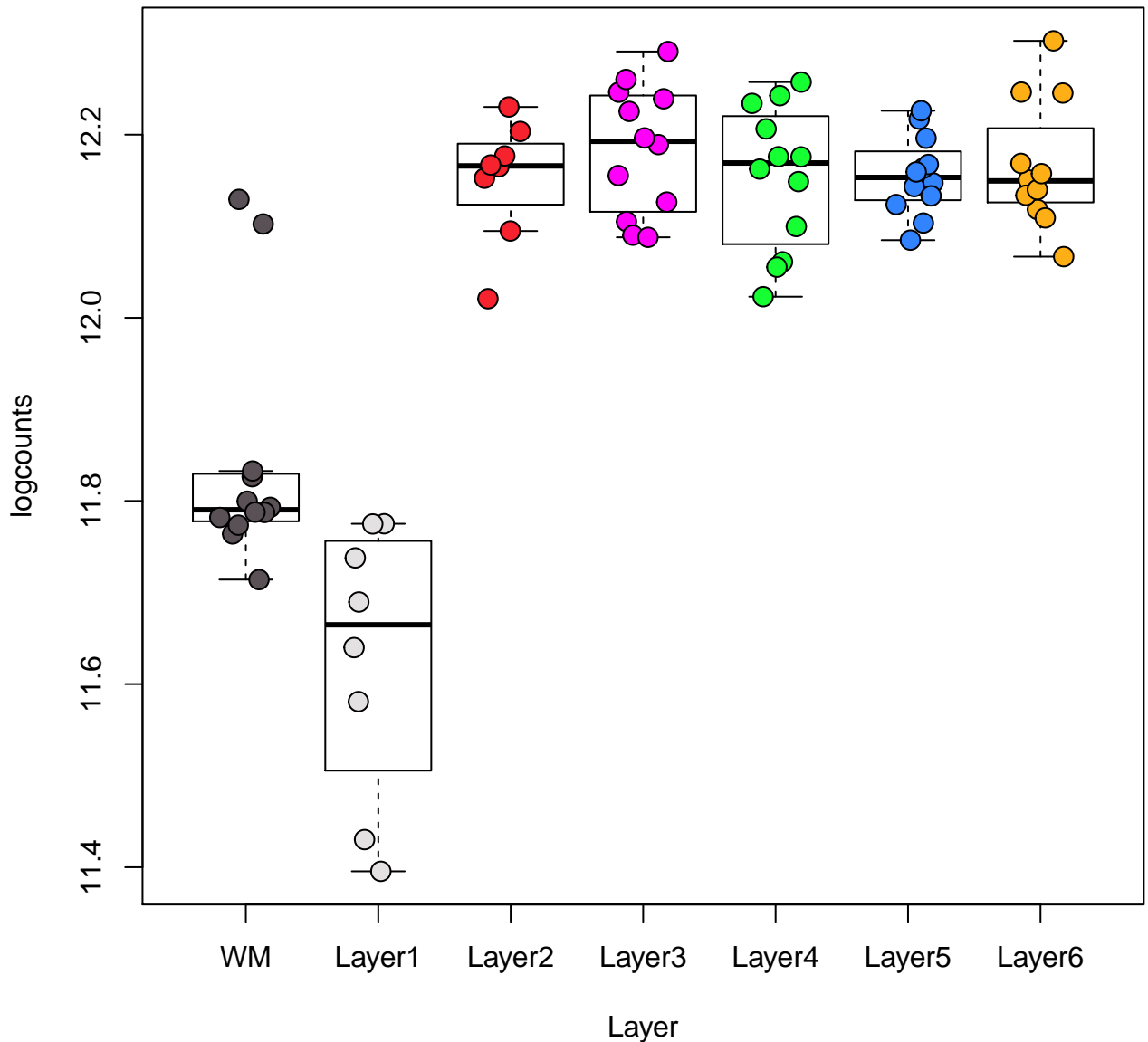
L2-L1\_r1



# CALM2 ENSG00000143933 Layer2-Layer1

tstat 9.92e+00 p 4.48e-15

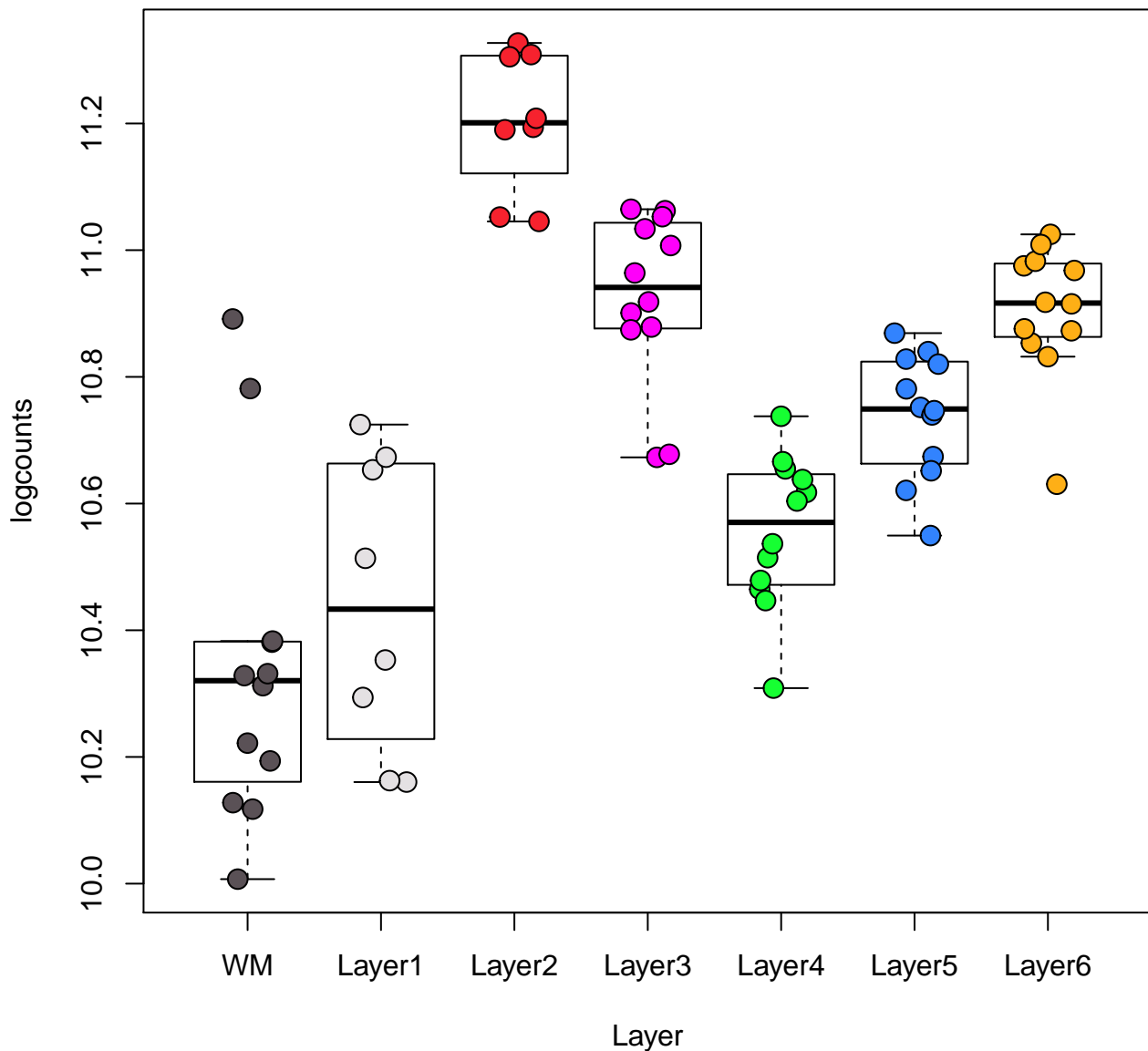
L2-L1\_r2;L3-L1\_r1



# ARPP19 ENSG00000128989 Layer2-Layer1

tstat 9.58e+00 p 1.87e-14

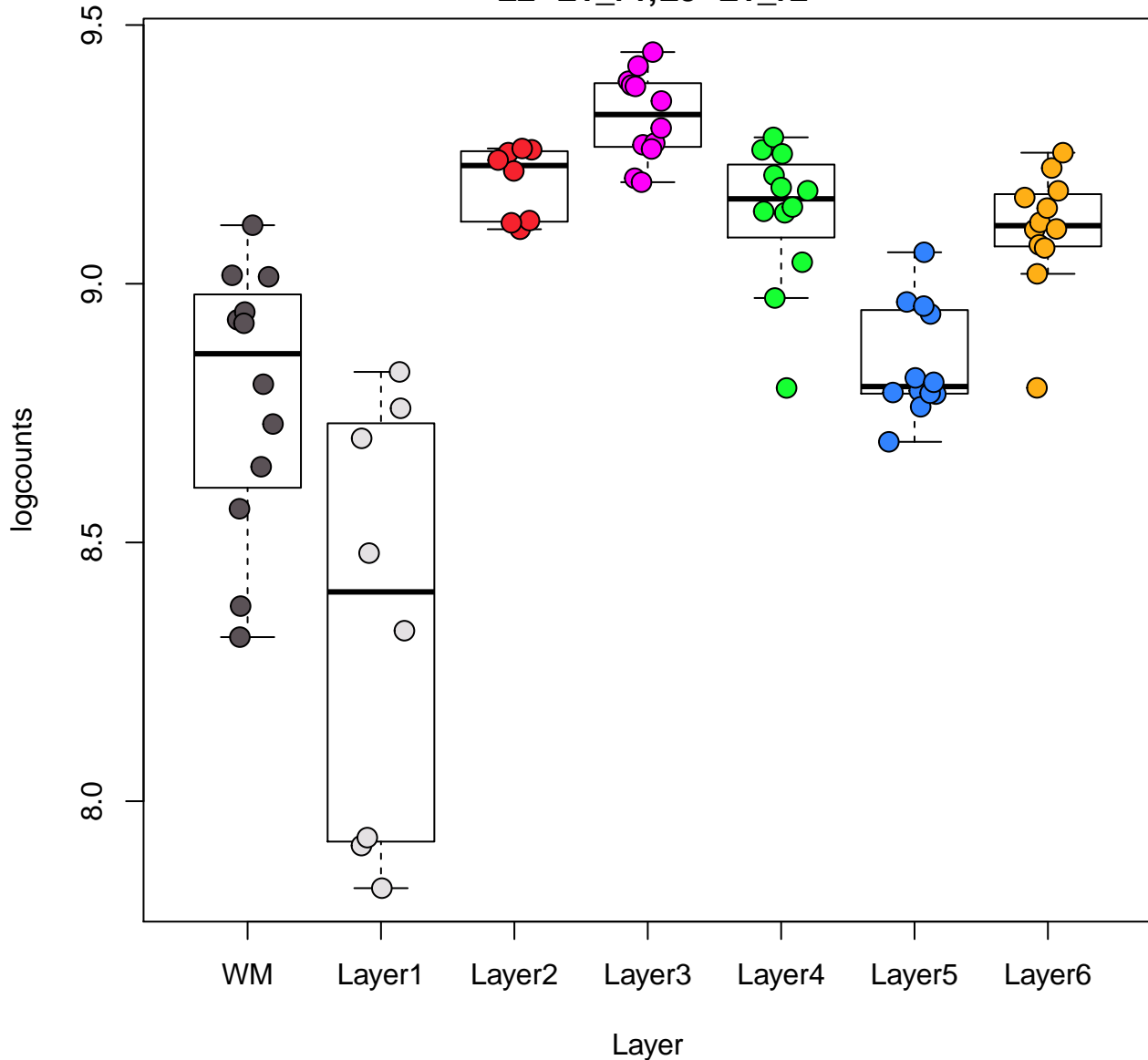
L2-L1\_r3



# NECAB1 ENSG00000123119 Layer2-Layer1

tstat 9.03e+00 p 1.94e-13

L2-L1\_r4;L3-L1\_r2

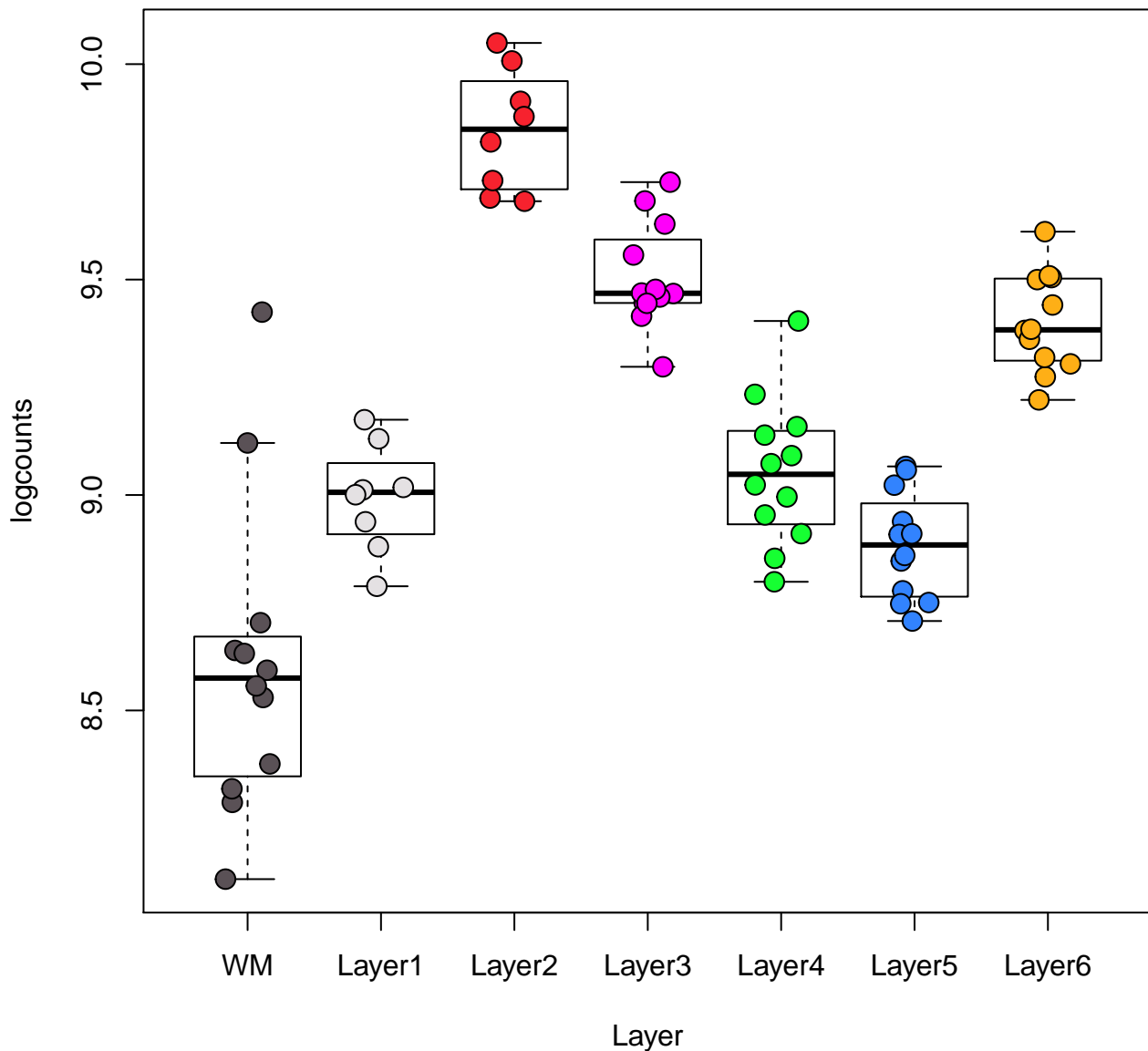




# FKBP1A ENSG00000088832 Layer2-Layer1

tstat 8.99e+00 p 2.33e-13

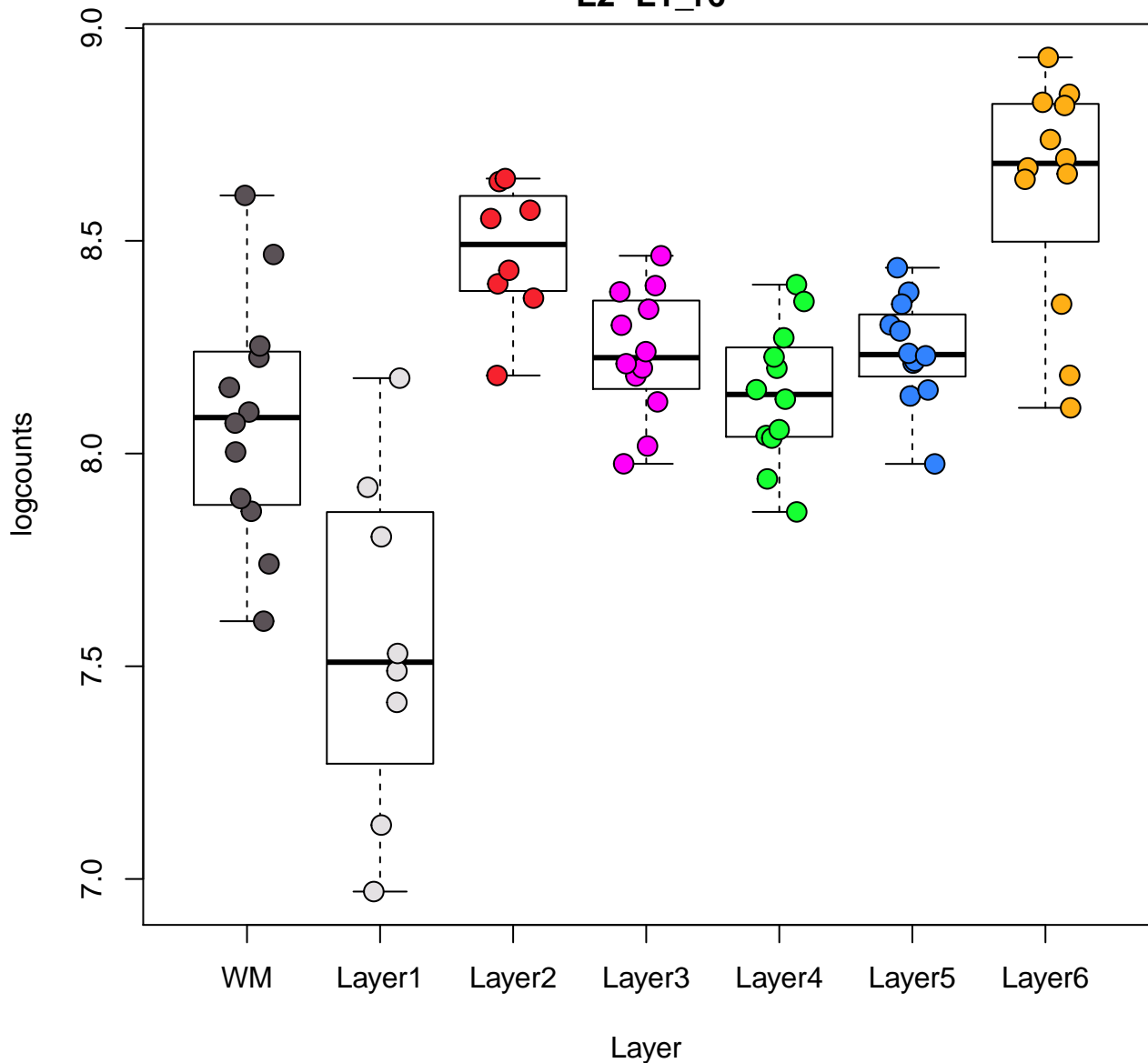
L2-L1\_r5



NDFIP2 ENSG00000102471 Layer2-Layer1

tstat 8.91e+00 p 3.22e-13

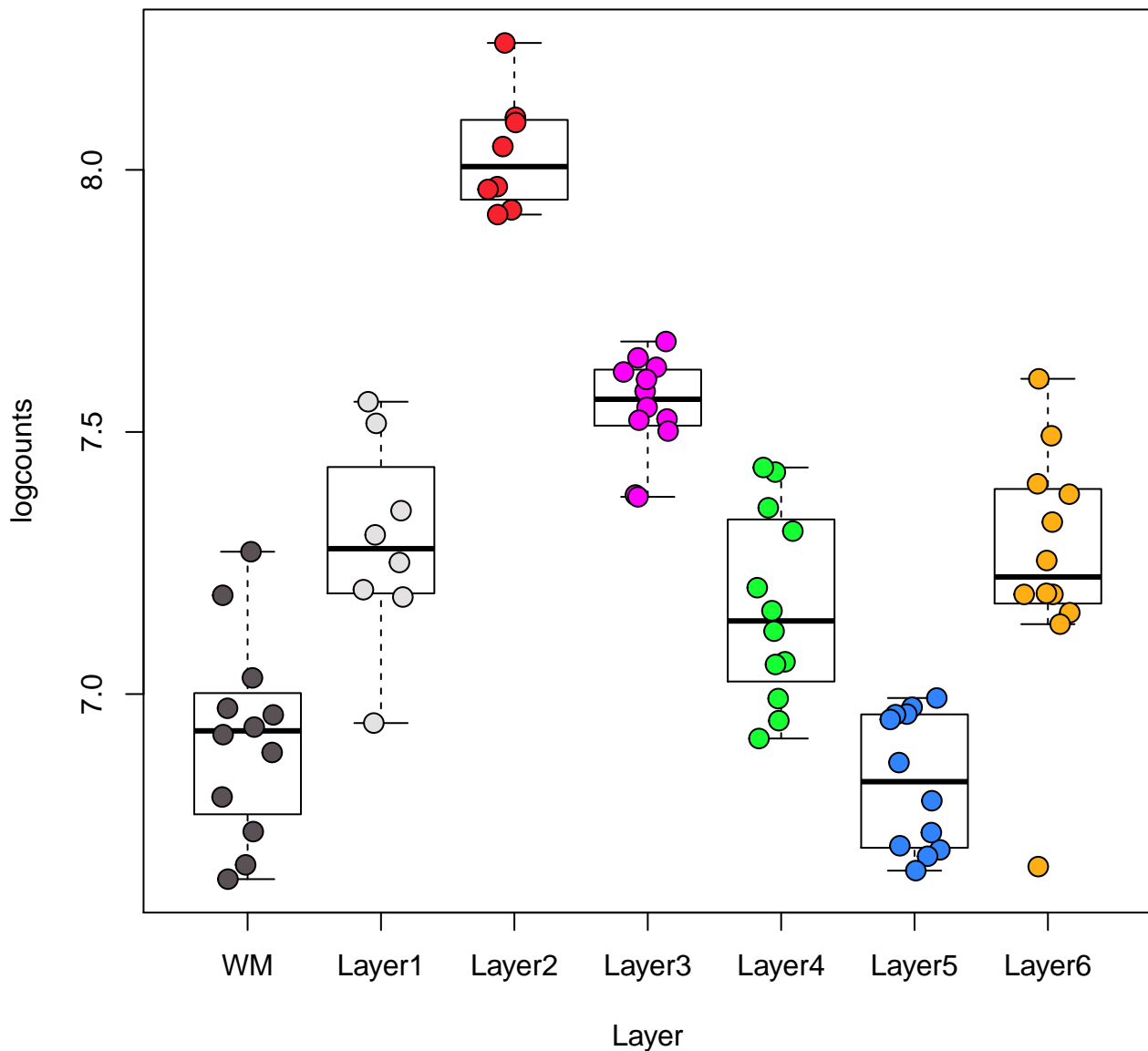
L2-L1\_r6



SIPA1L1 ENSG00000197555 Layer2-Layer1

tstat 8.81e+00 p 5.14e-13

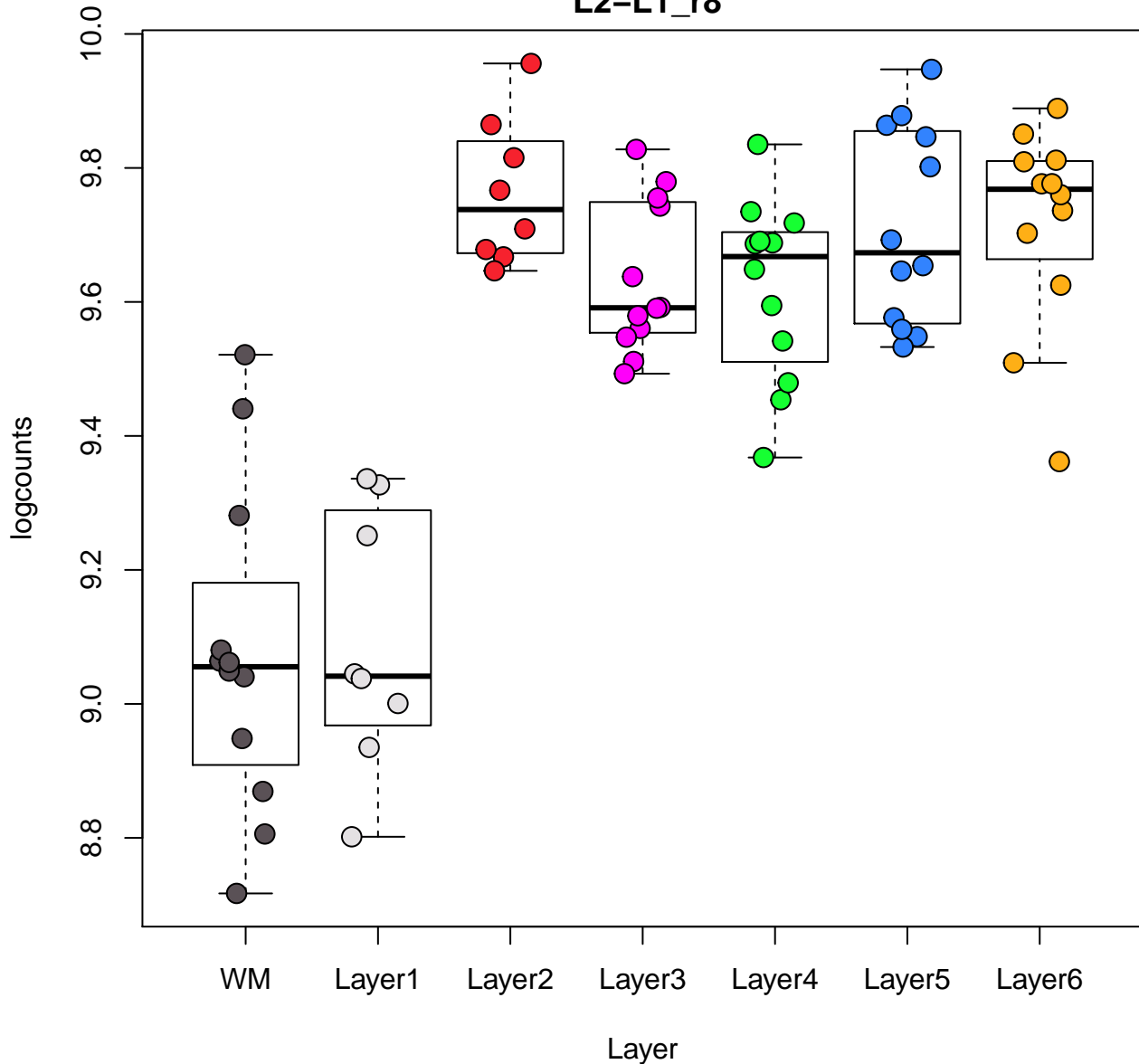
L2\_r4;L2-L5\_r5;L2-L1\_r7



# SCG5 ENSG00000166922 Layer2-Layer1

tstat 8.63e+00 p 1.08e-12

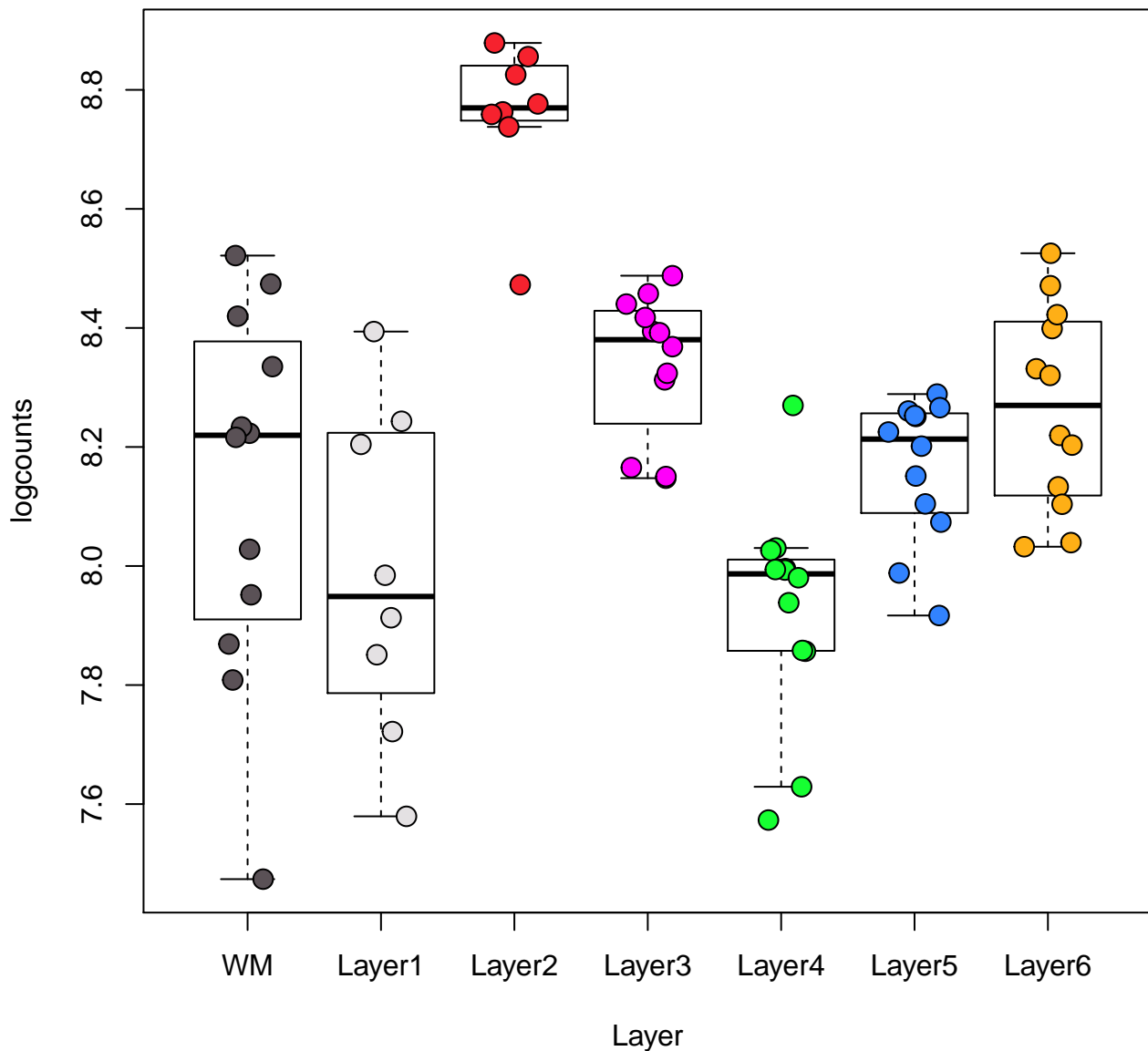
L2-L1\_r8



# VXN ENSG00000169085 Layer2-Layer1

tstat 8.55e+00 p 1.53e-12

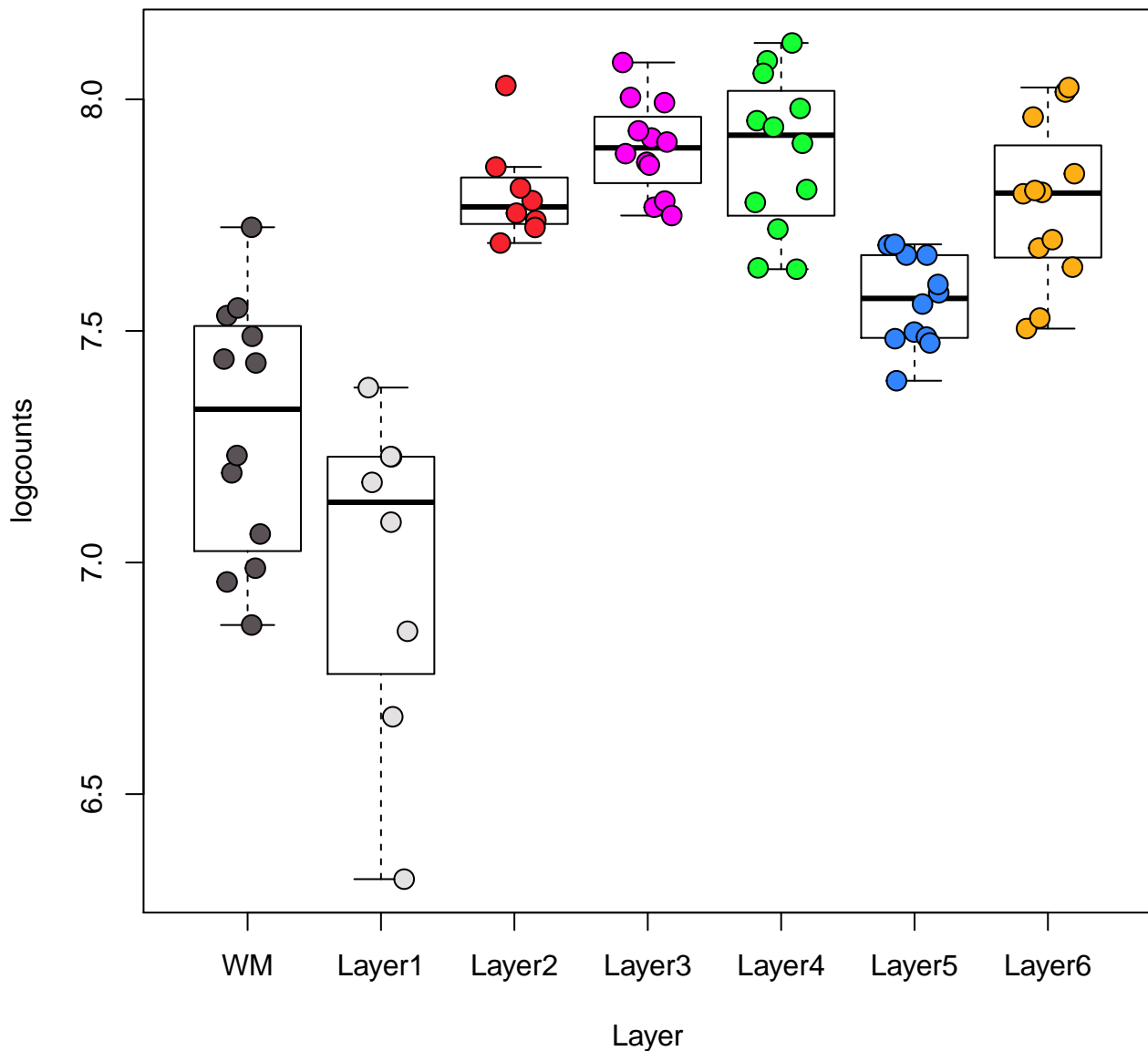
L2-L1\_r9



# ZNF365 ENSG00000138311 Layer2-Layer1

tstat 8.54e+00 p 1.57e-12

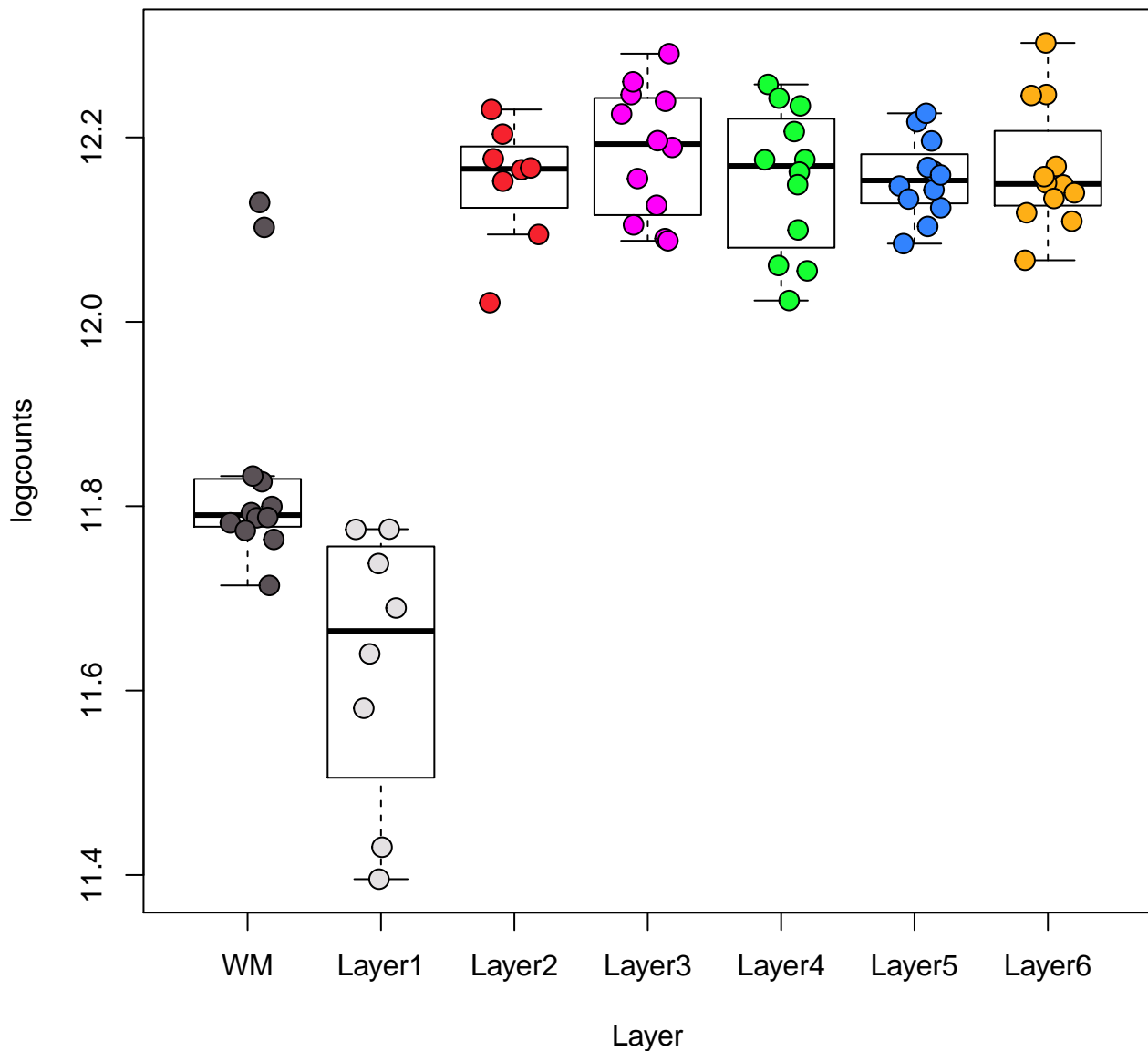
L2-L1\_r10;L3-L1\_r3



# CALM2 ENSG00000143933 Layer3-Layer1

tstat 1.14e+01 p 1.13e-17

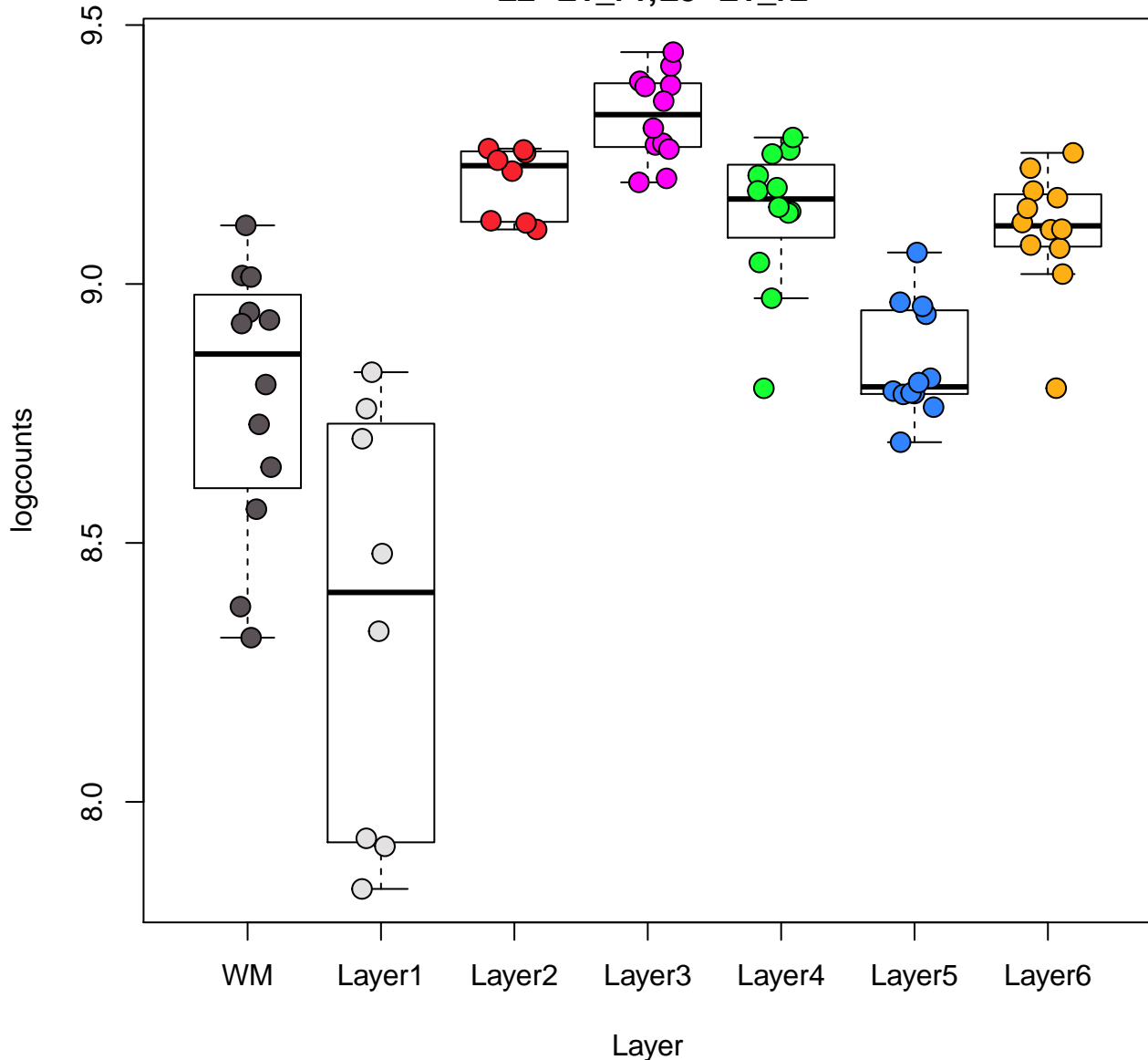
L2-L1\_r2;L3-L1\_r1



# NECAB1 ENSG00000123119 Layer3-Layer1

tstat 1.13e+01 p 1.69e-17

L2-L1\_r4;L3-L1\_r2

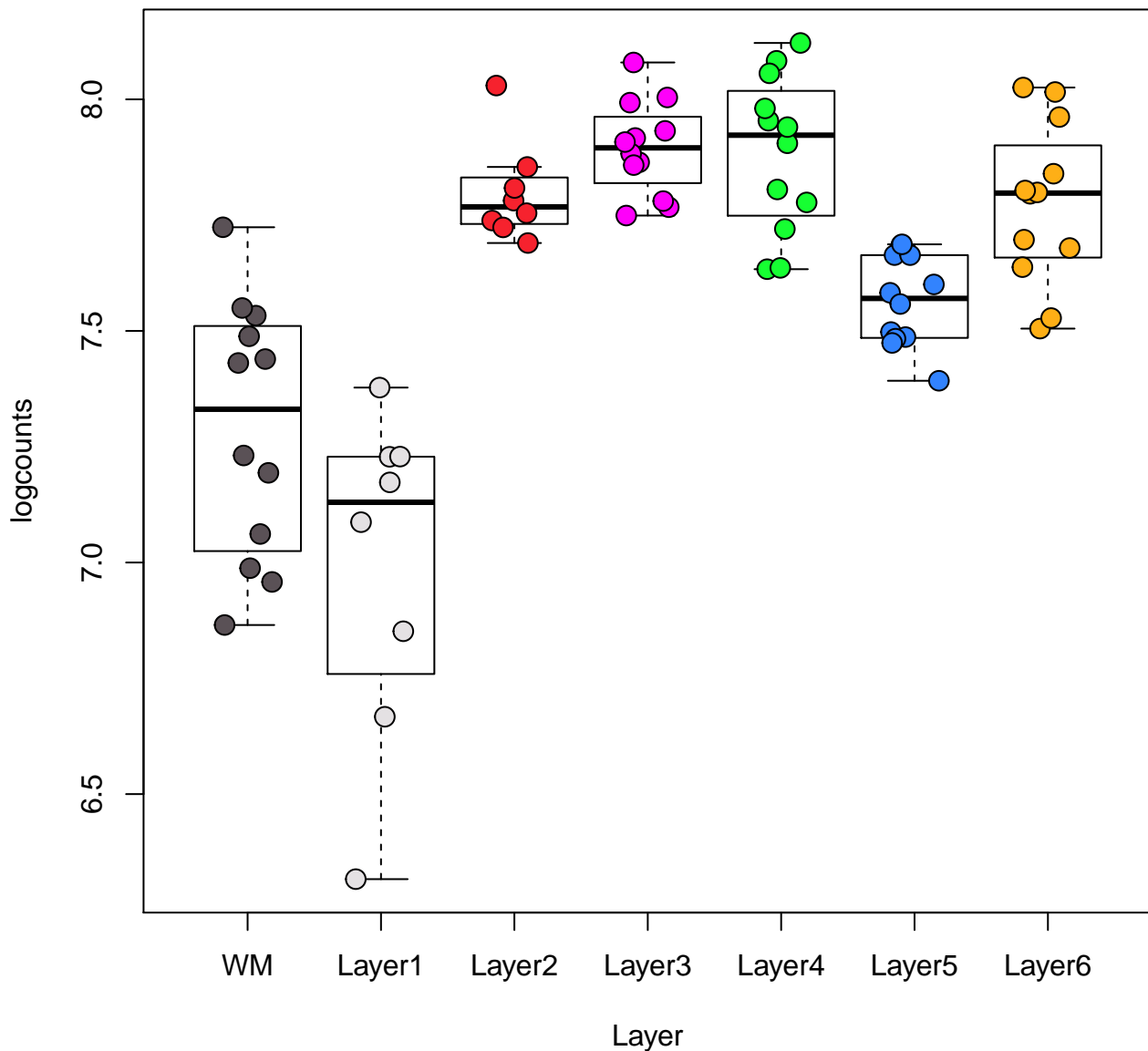




# ZNF365 ENSG00000138311 Layer3-Layer1

tstat 1.04e+01 p 5.41e-16

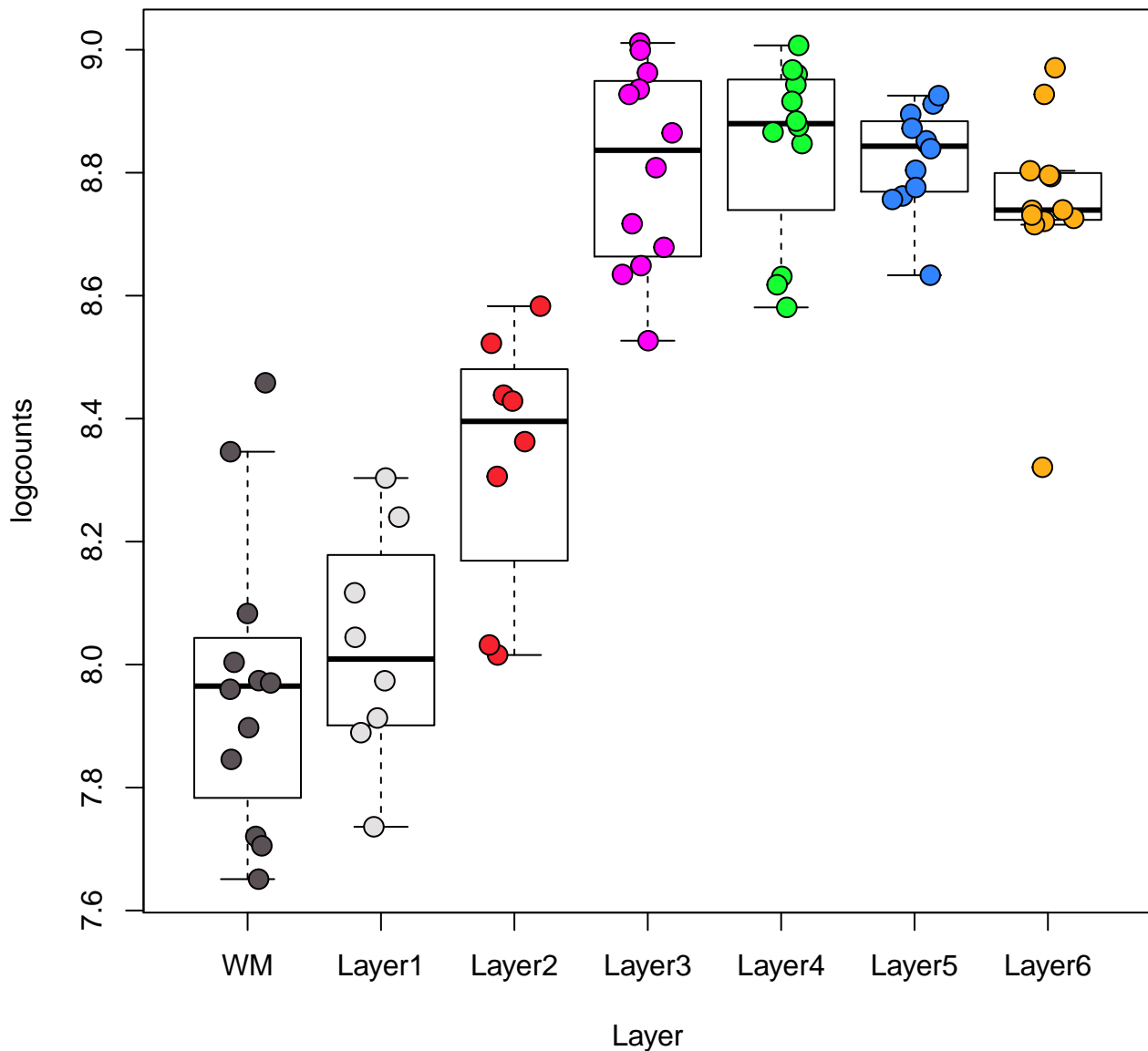
L2-L1\_r10;L3-L1\_r3



# OXR1 ENSG00000164830 Layer3-Layer1

tstat 9.46e+00 p 3.15e-14

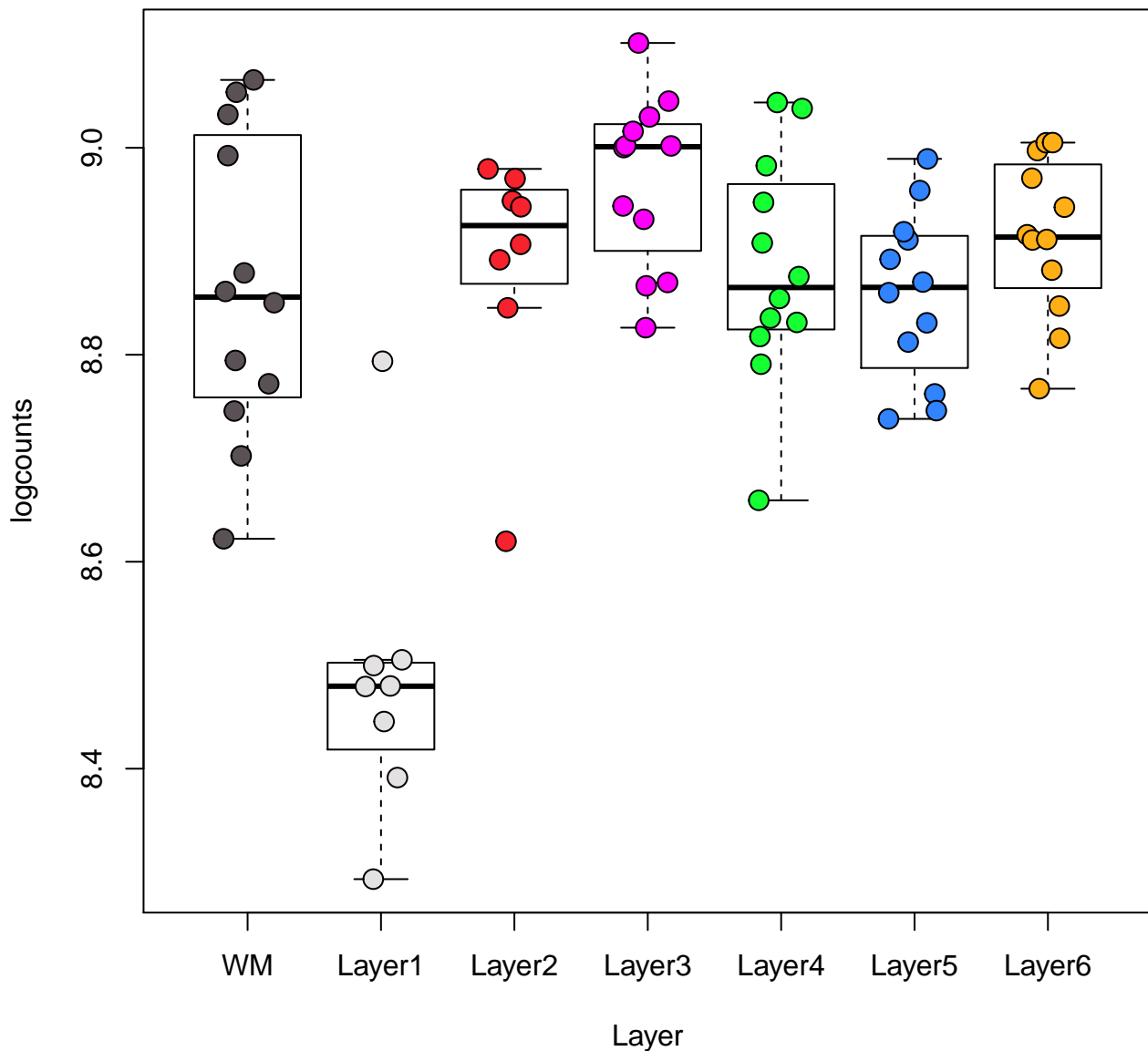
L3-L1\_r4



# ARL6IP5 ENSG00000144746 Layer3-Layer1

tstat 9.19e+00 p 1.01e-13

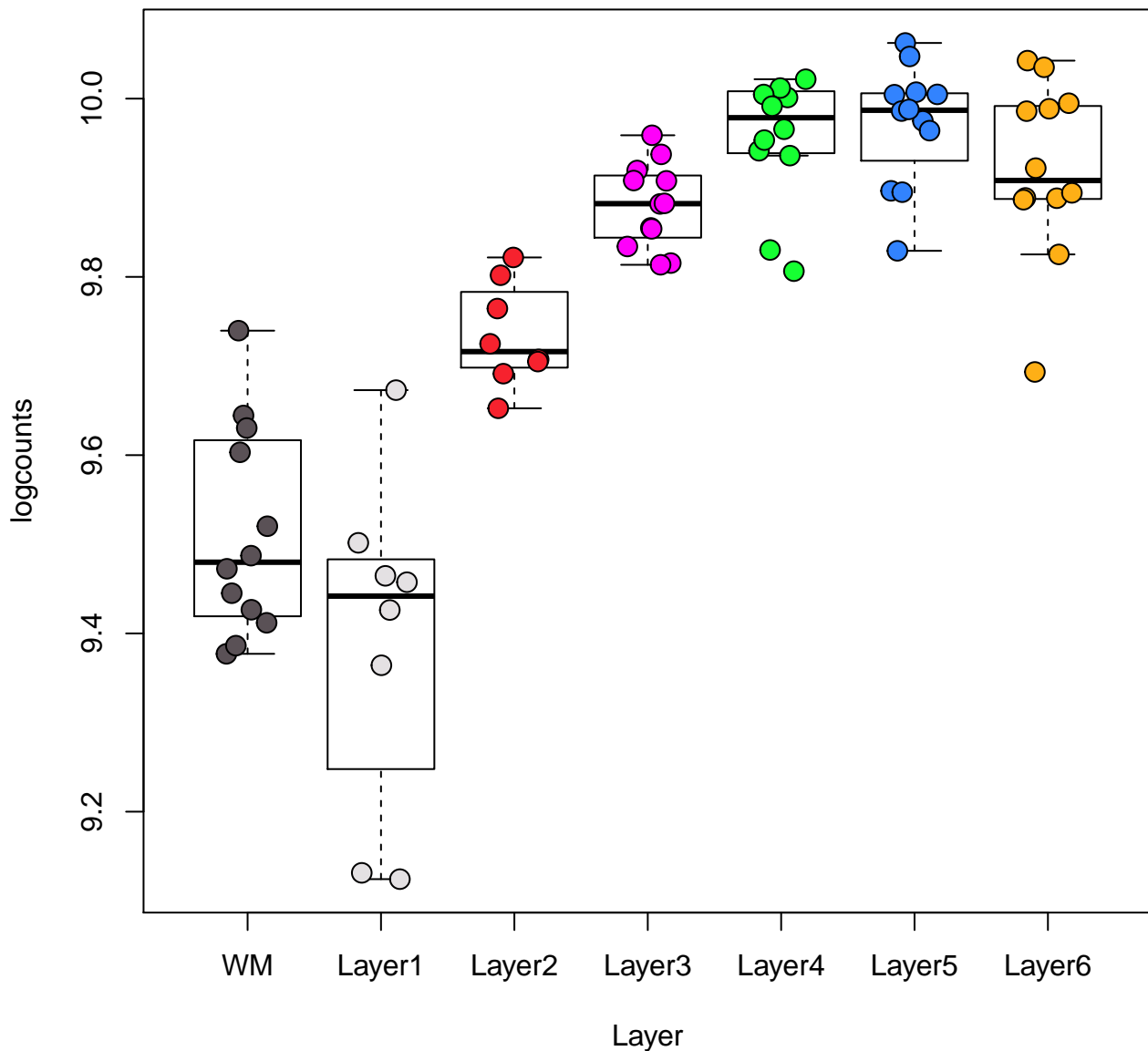
L3-L1\_r5



ATP6V1E1 ENSG00000131100 Layer3-Layer1

tstat 9.18e+00 p 1.05e-13

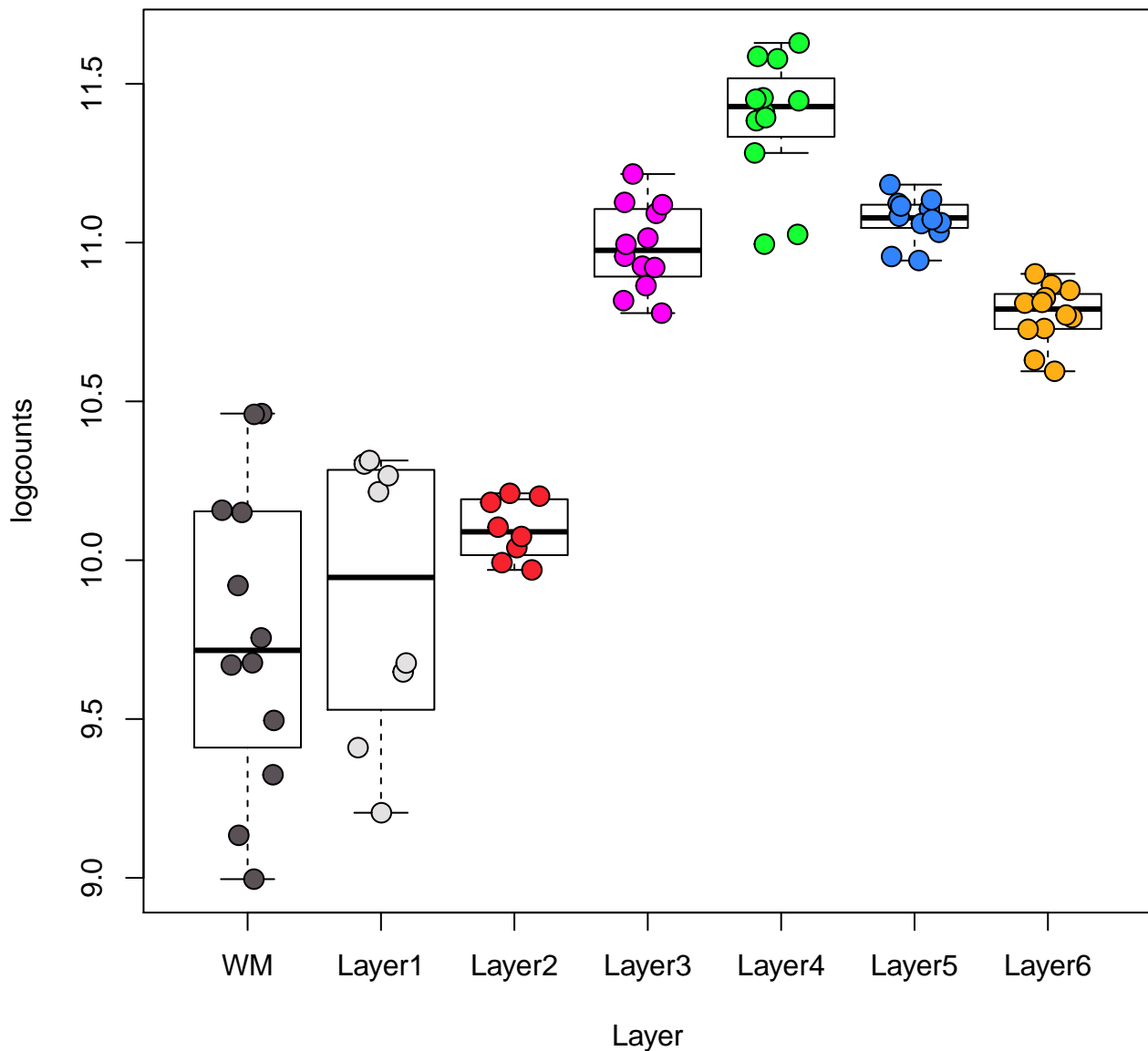
L3-L1\_r6



# NEFL ENSG00000277586 Layer3-Layer1

tstat 9.11e+00 p 1.40e-13

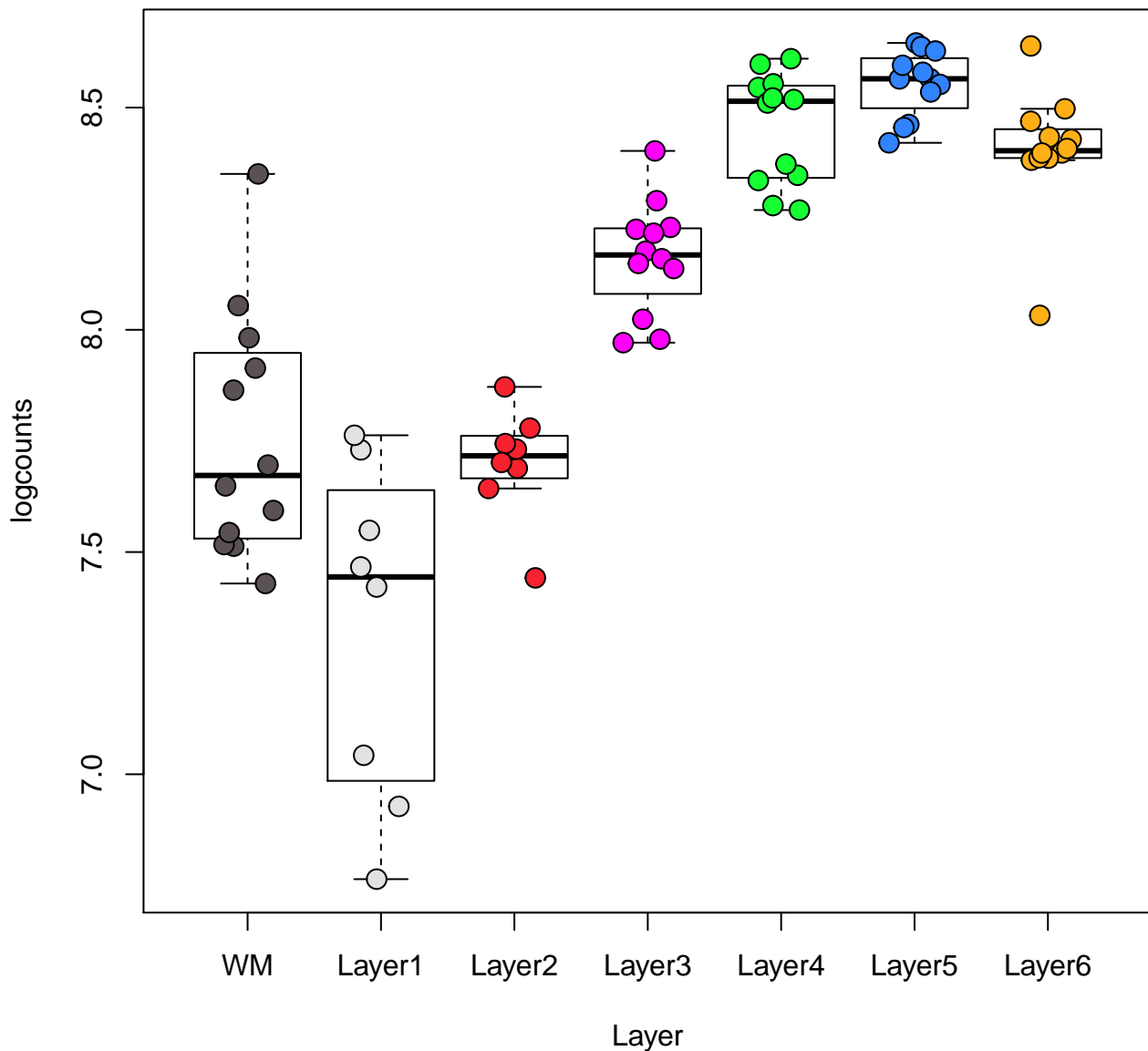
L3-L1\_r7;L4-L1\_r4;L3-L2\_r8



**NUAK1 ENSG00000074590 Layer3-Layer1**

**tstat 9.11e+00 p 1.43e-13**

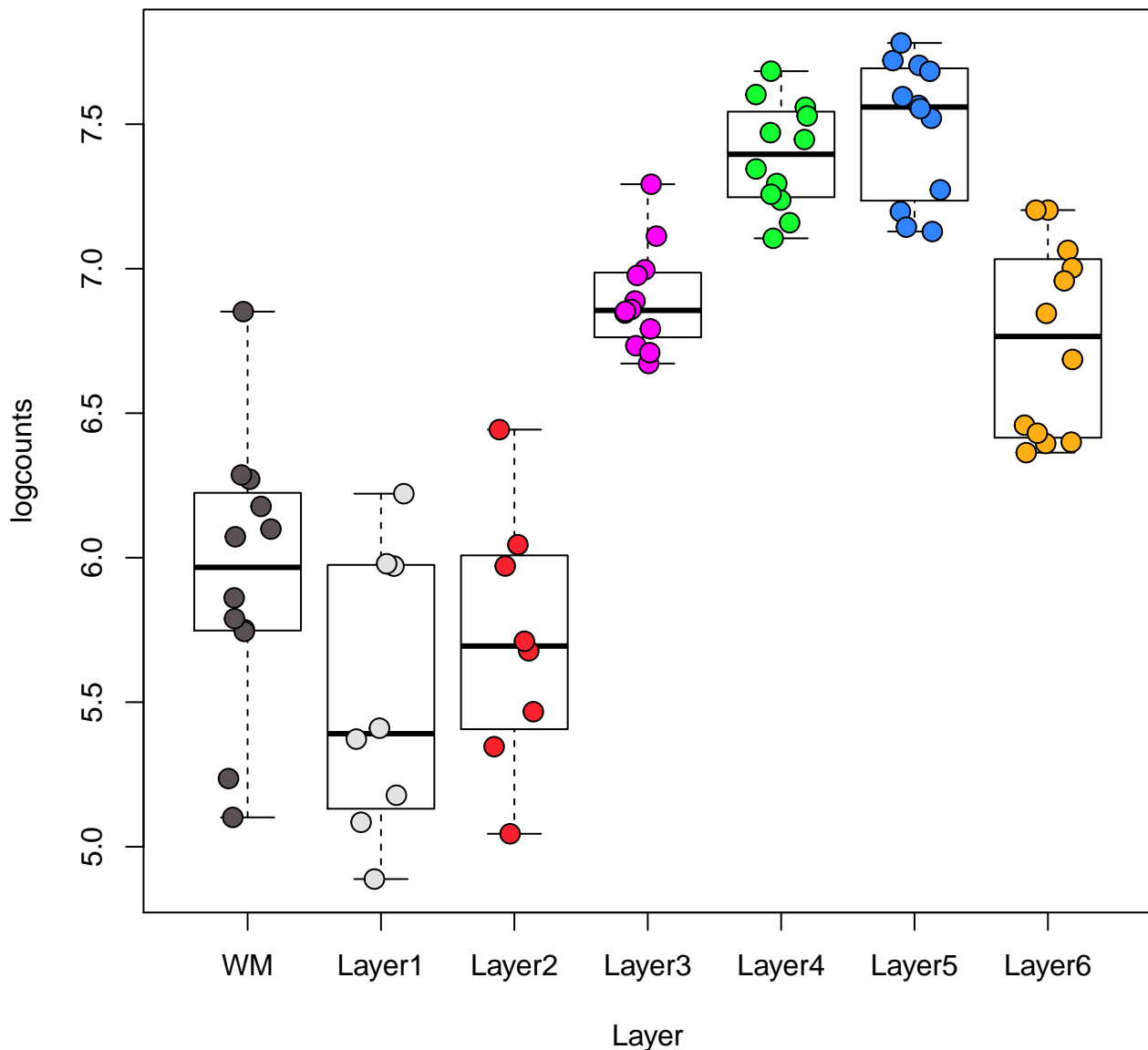
**L3-L1\_r8;L4-L1\_r5;L5-L1\_r10**



# NEUROD6 ENSG00000164600 Layer3-Layer1

tstat 9.10e+00 p 1.43e-13

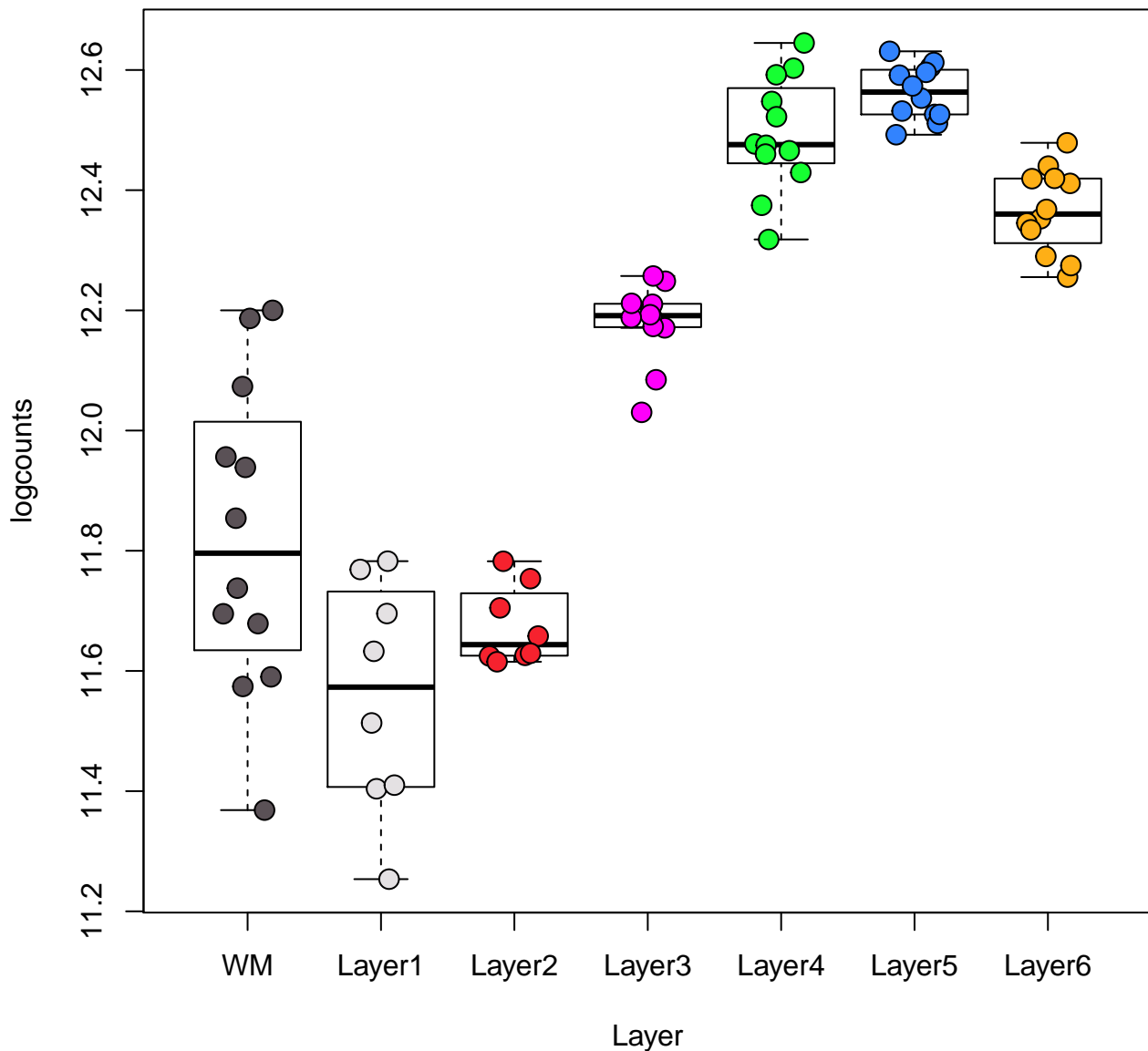
L3-L1\_r9;L4-L1\_r3;L3-L2\_r6;L4-L2\_r10;L5-L2\_r10



TUBA1B ENSG00000123416 Layer3-Layer1

tstat 9.08e+00 p 1.57e-13

L3-L1\_r10;L4-L1\_r2;L5-L1\_r3;L3-L2\_r7;L4-L2\_r5;L5-L2\_r7

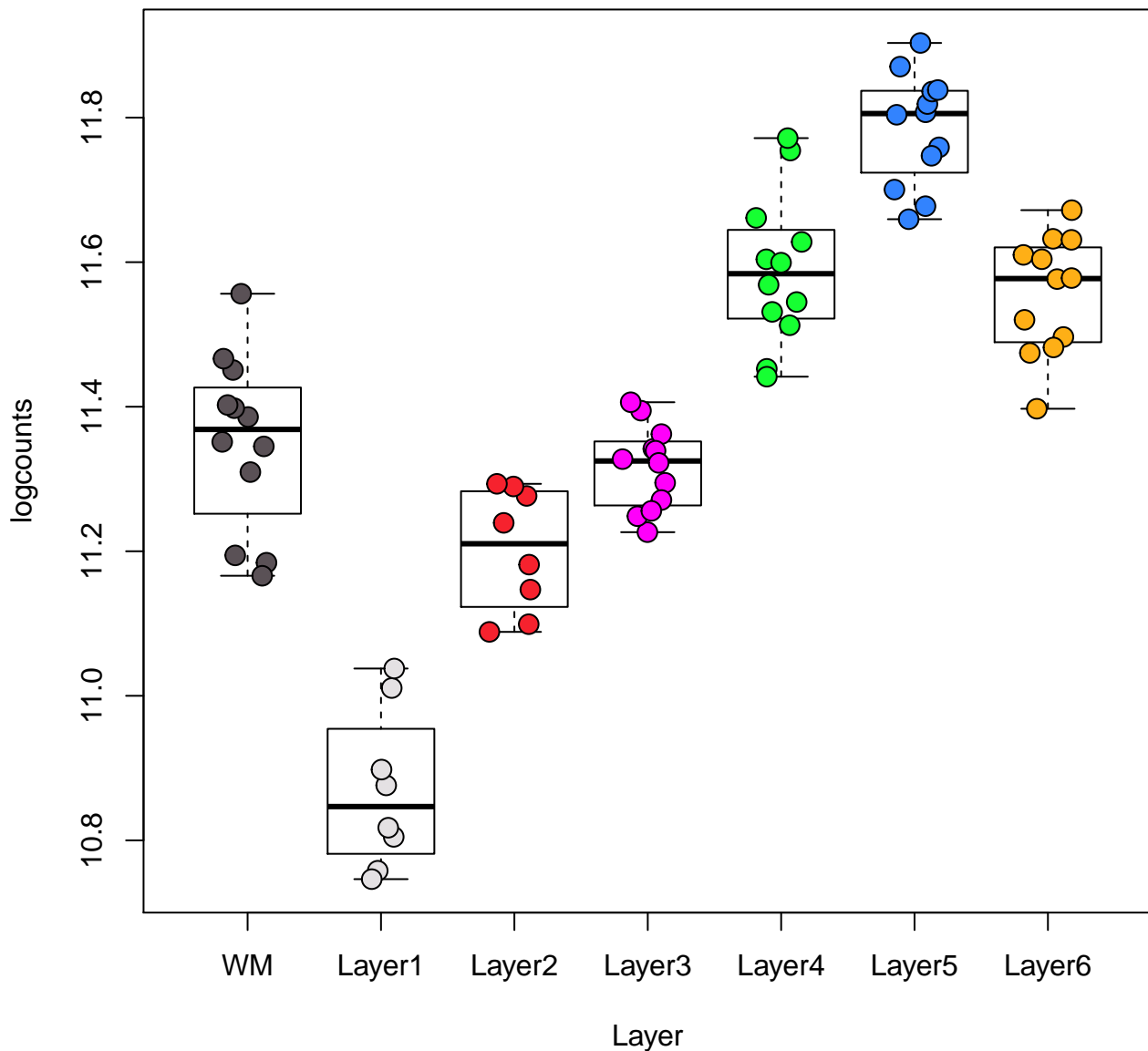




# STMN1 ENSG00000117632 Layer4-Layer1

tstat 1.40e+01 p 3.34e-22

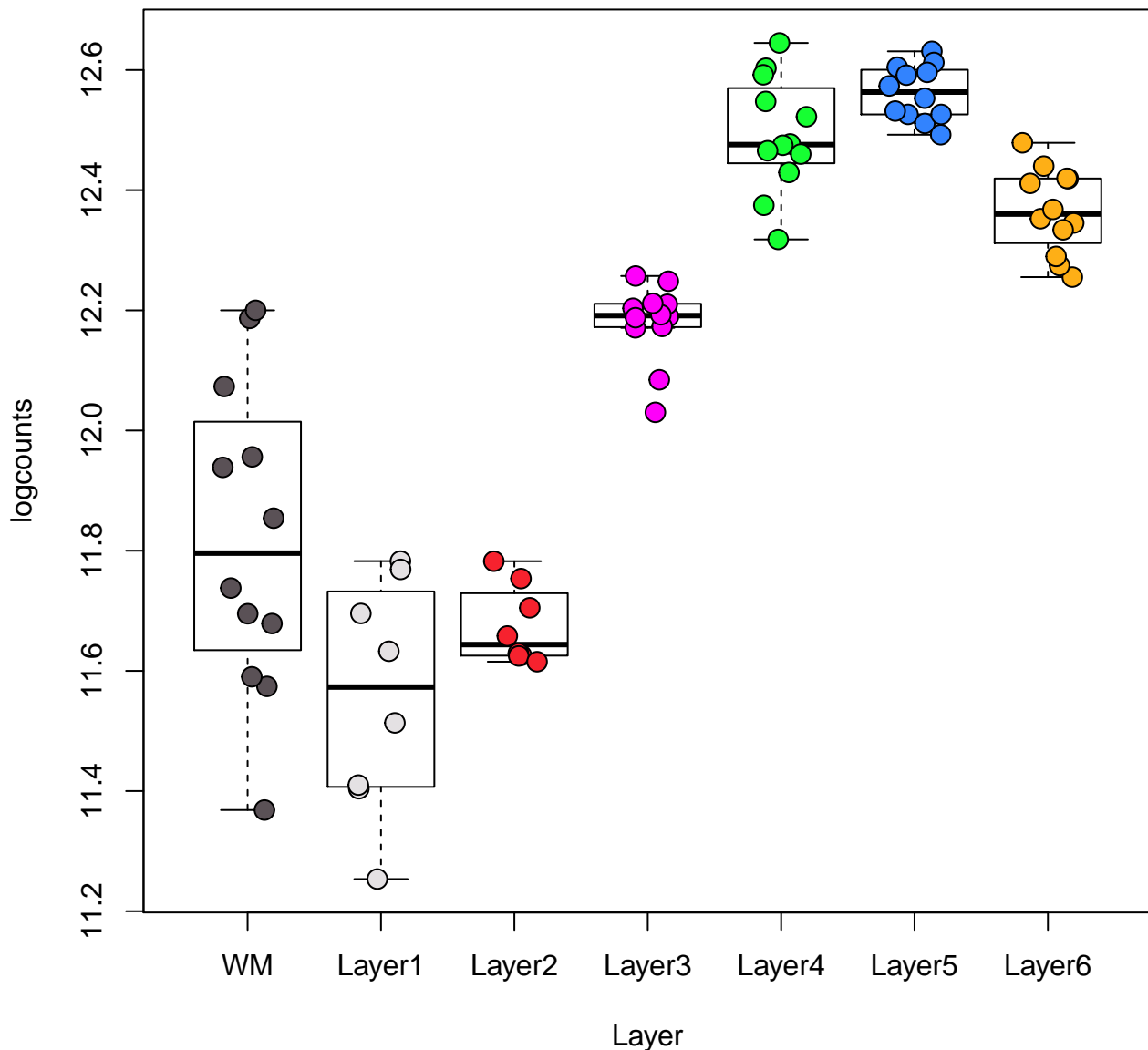
L4-L1\_r1;L5-L1\_r1;L6-L1\_r7



TUBA1B ENSG00000123416 Layer4-Layer1

tstat 1.37e+01 p 1.10e-21

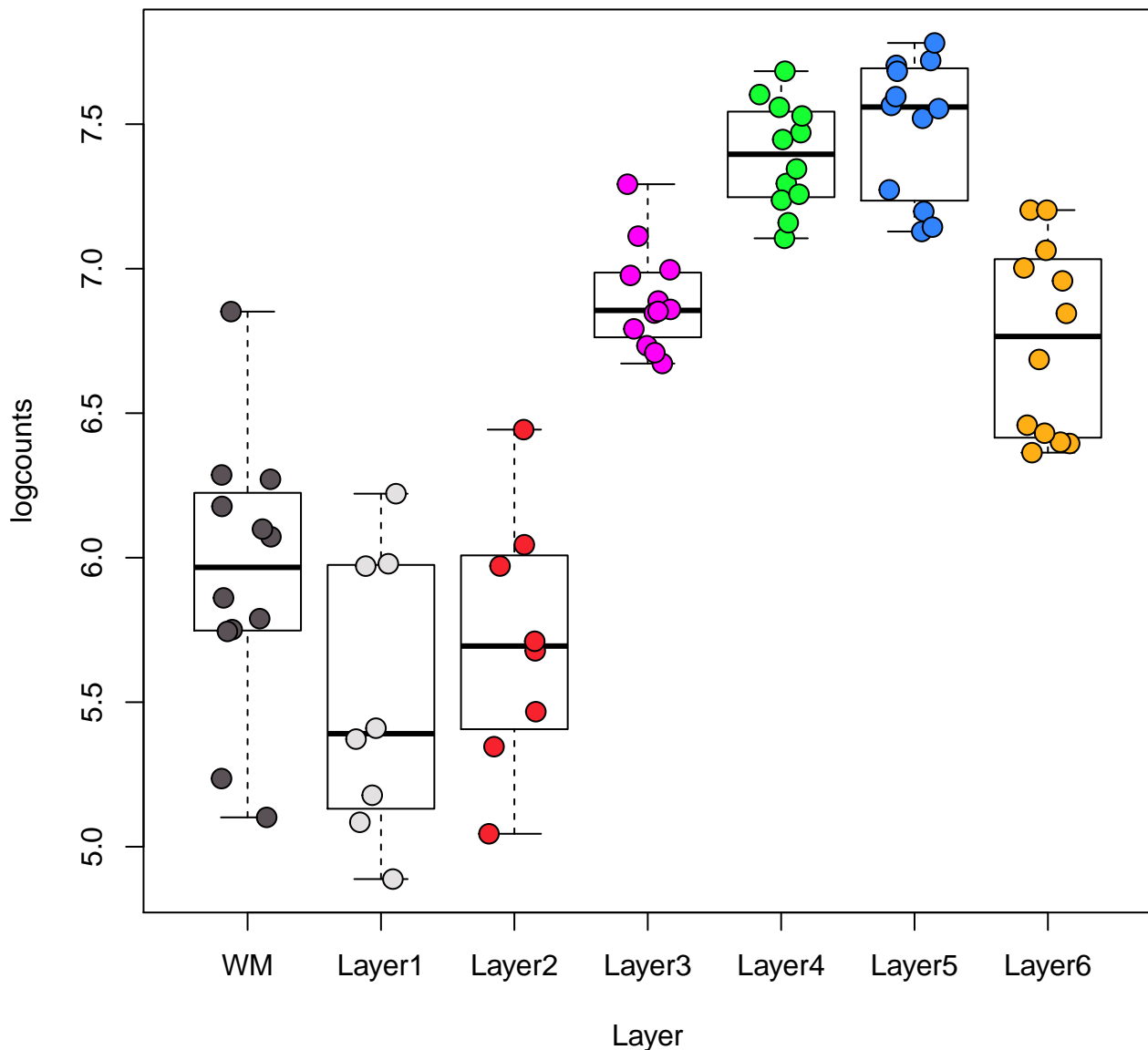
L3-L1\_r10;L4-L1\_r2;L5-L1\_r3;L3-L2\_r7;L4-L2\_r5;L5-L2\_r7



# NEUROD6 ENSG00000164600 Layer4-Layer1

tstat 1.25e+01 p 1.39e-19

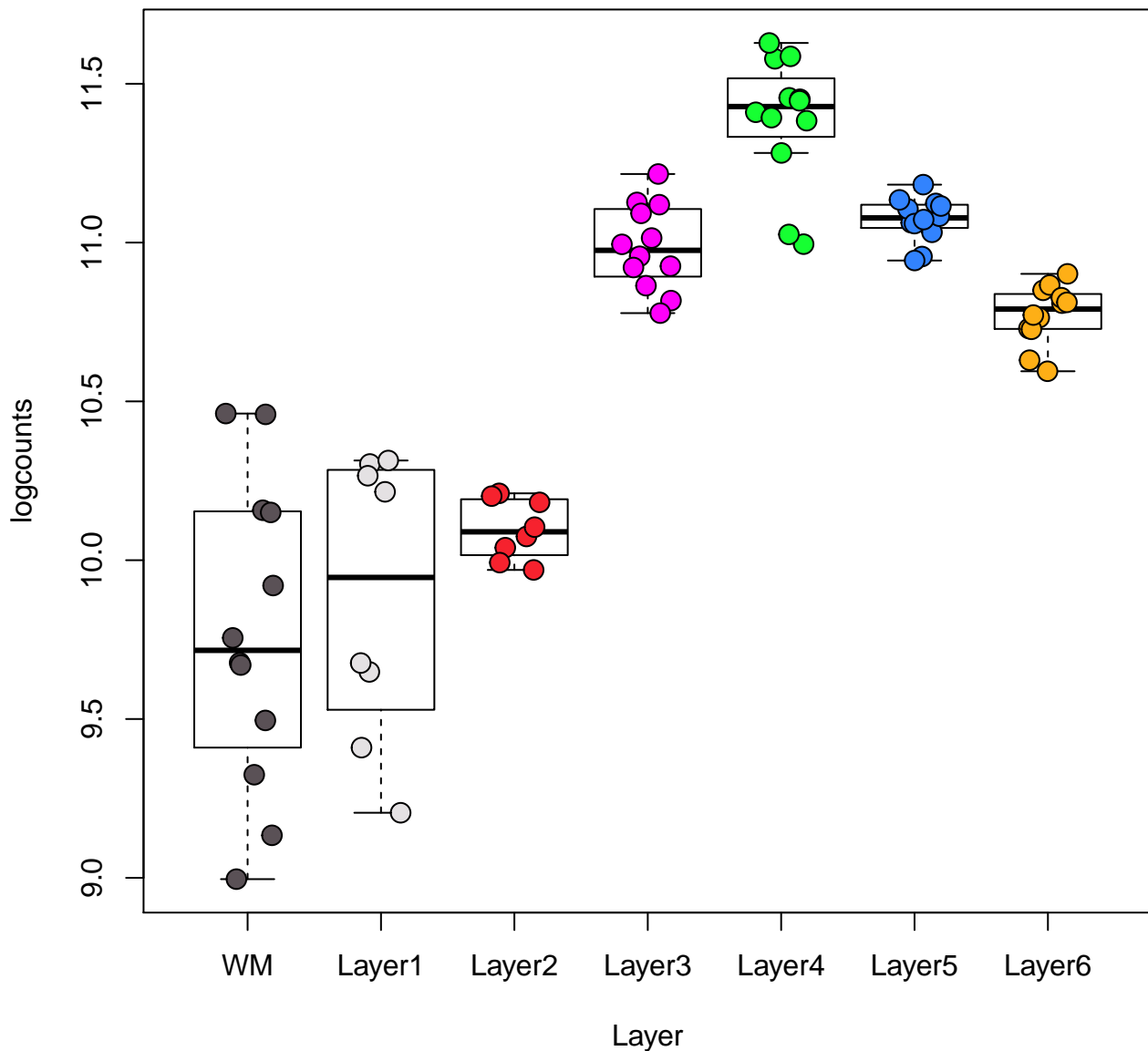
L3-L1\_r9;L4-L1\_r3;L3-L2\_r6;L4-L2\_r10;L5-L2\_r10



# NEFL ENSG00000277586 Layer4-Layer1

tstat 1.24e+01 p 1.46e-19

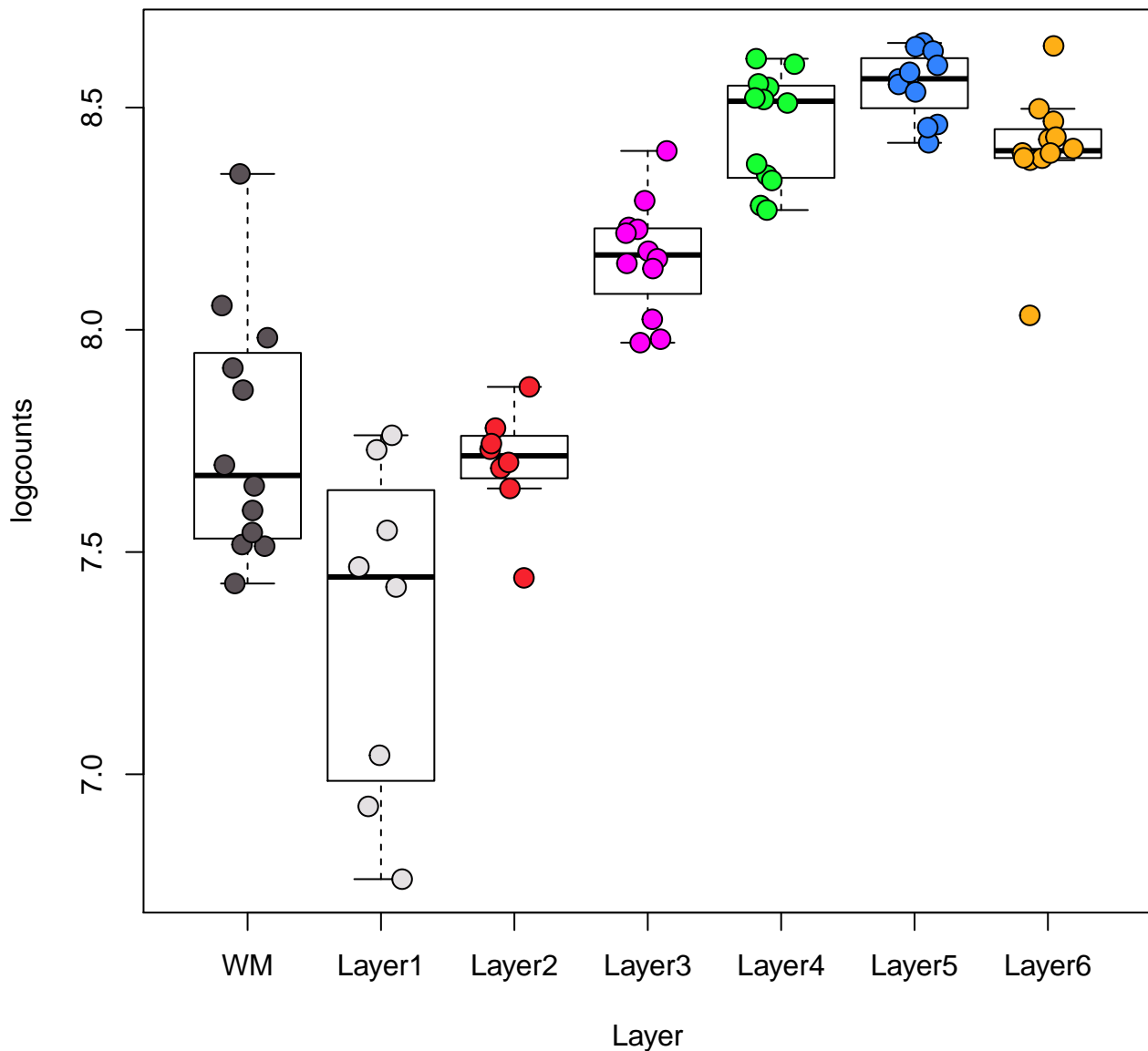
L3-L1\_r7;L4-L1\_r4;L3-L2\_r8



**NUAK1 ENSG00000074590 Layer4-Layer1**

**tstat 1.24e+01 p 2.13e-19**

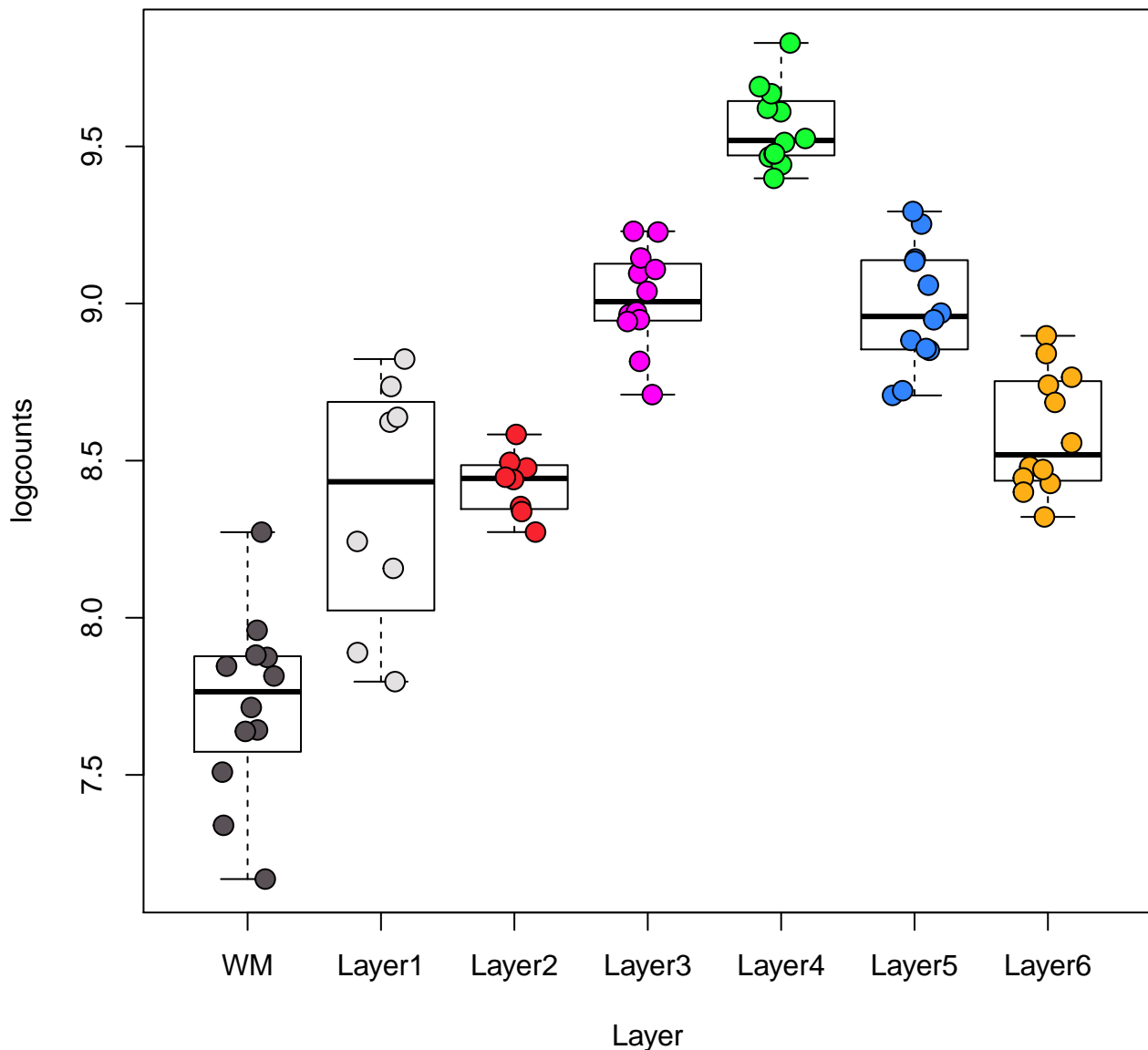
**L3-L1\_r8;L4-L1\_r5;L5-L1\_r10**



# SCN1B ENSG00000105711 Layer4-Layer1

tstat 1.23e+01 p 2.38e-19

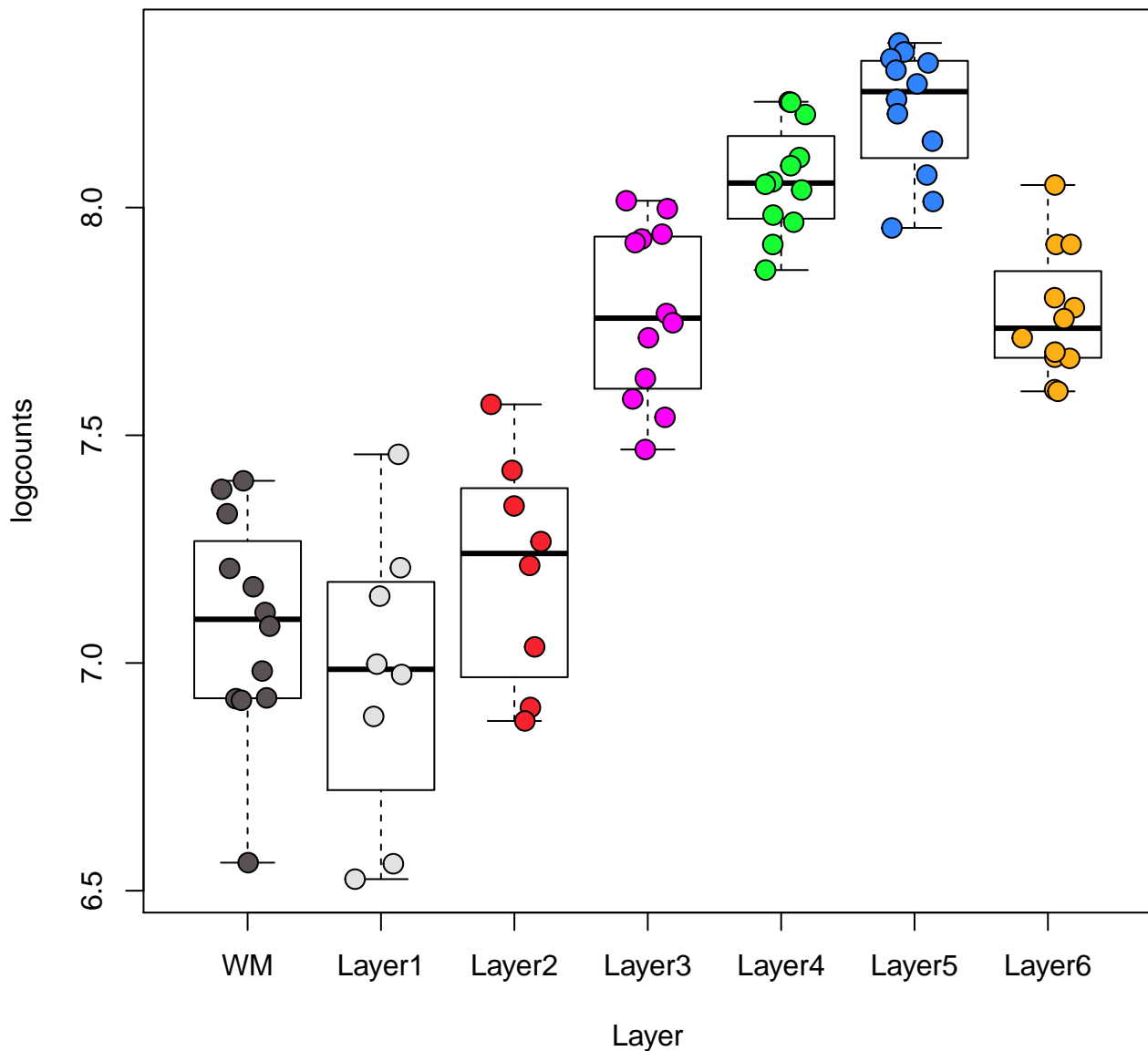
L4\_r5;L4-L5\_r10;L4-L6\_r7;L4-WM\_r1;L4-L1\_r6;L4-L2\_r6;L4-L3\_r10



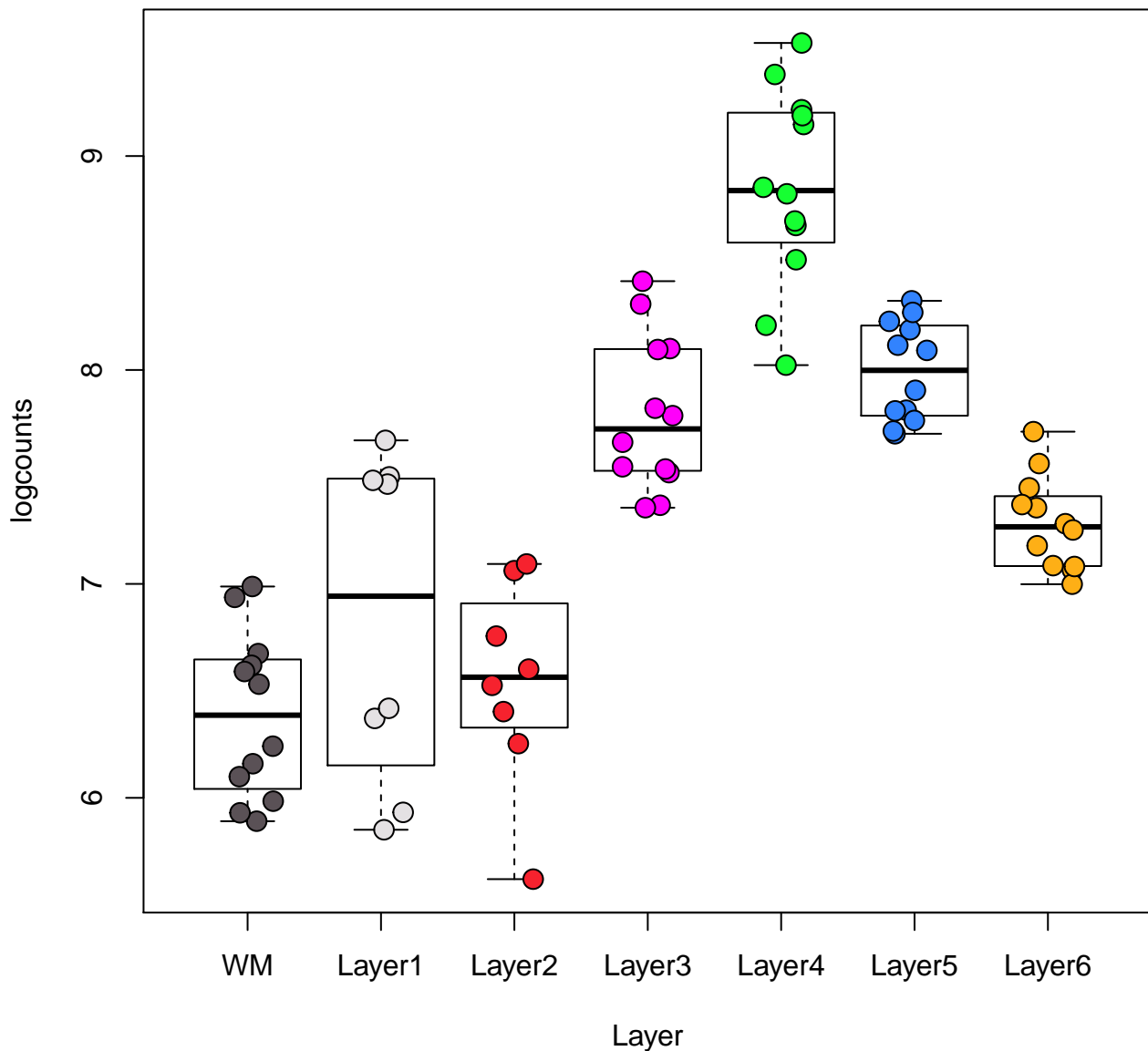
# SATB1 ENSG00000182568 Layer4-Layer1

tstat 1.21e+01 p 5.95e-19

L4-L1\_r7;L5-L1\_r7



**NEFH ENSG00000100285 Layer4-Layer1**  
**tstat 1.15e+01 p 5.82e-18**  
**L4\_r3;L4-L1\_r8;L3-L2\_r9;L4-L2\_r2;L4-L3\_r5**

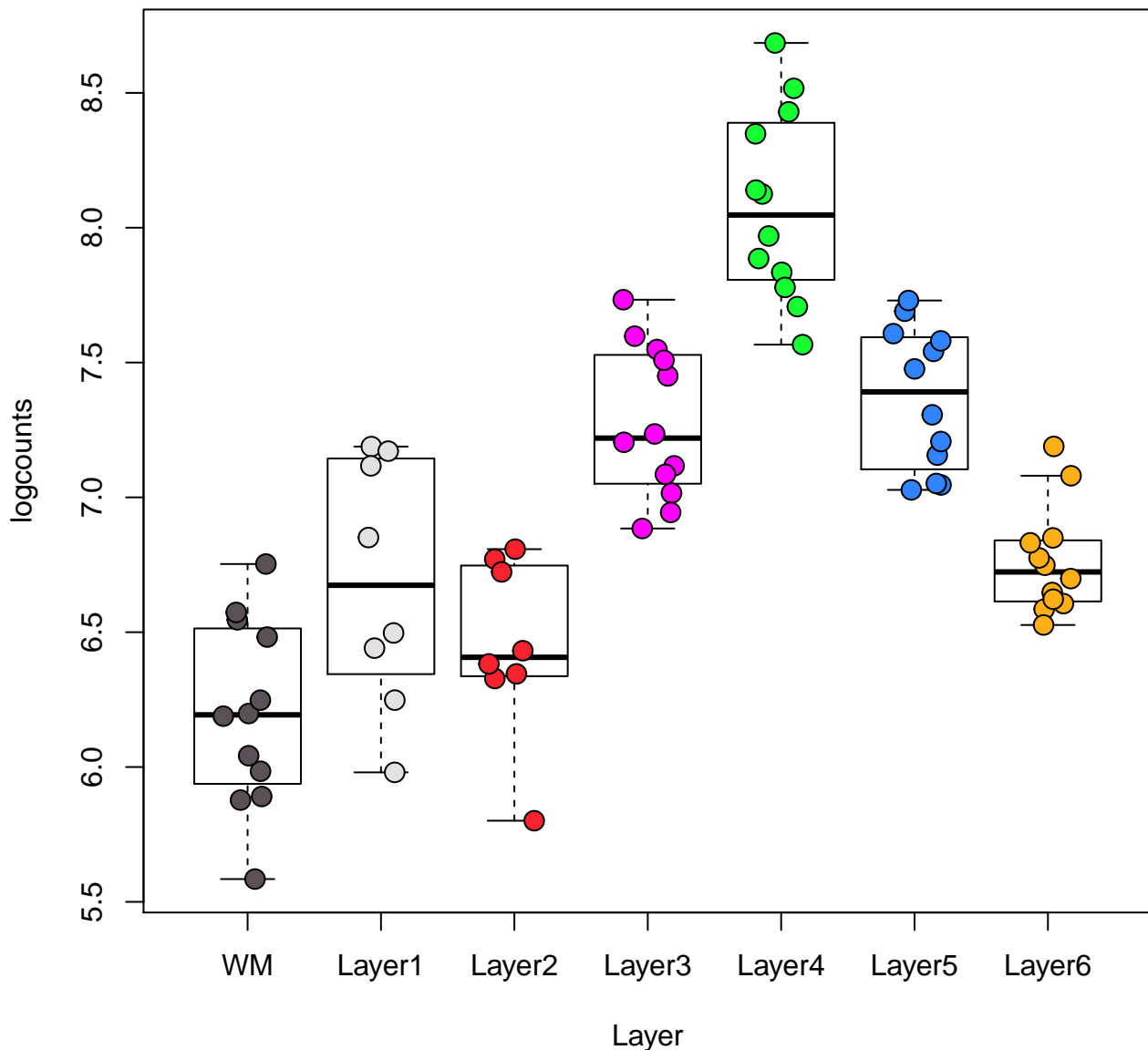




# VAMP1 ENSG00000139190 Layer4-Layer1

tstat 1.13e+01 p 1.66e-17

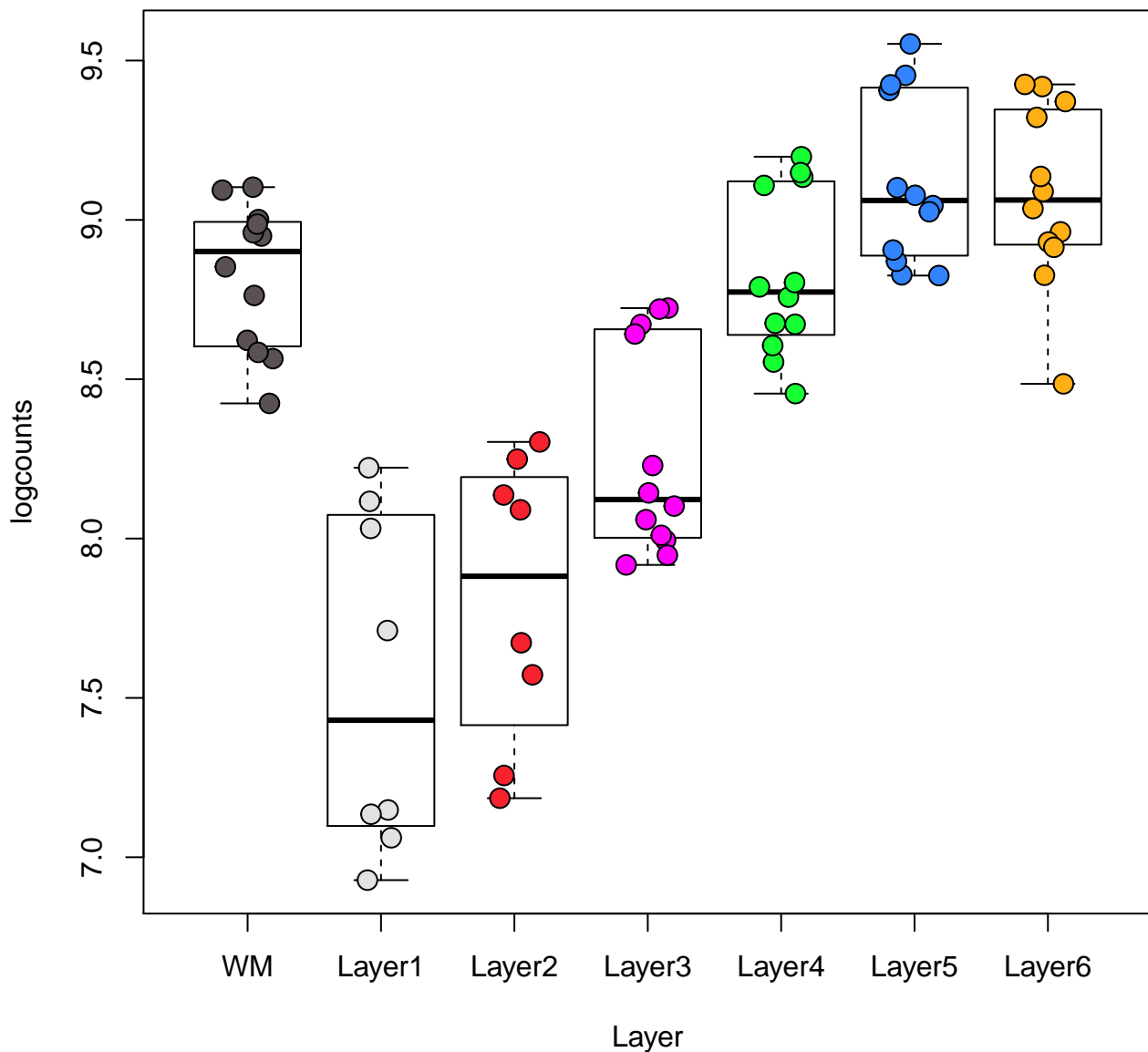
L4\_r1;L4-L6\_r5;L4-WM\_r9;L4-L1\_r9;L4-L2\_r3;L4-L3\_r3



# SLC24A2 ENSG00000155886 Layer4-Layer1

tstat 1.11e+01 p 3.72e-17

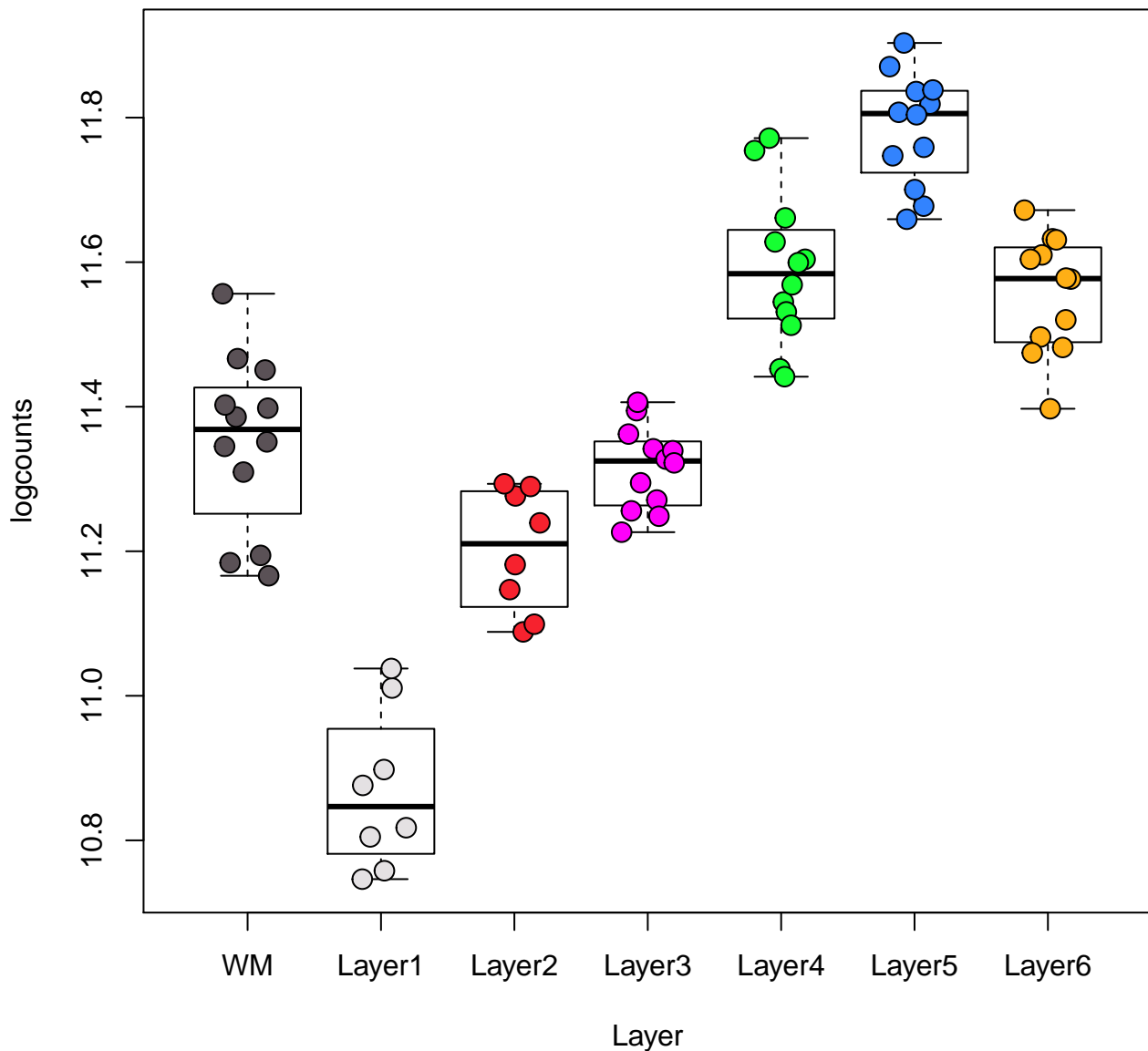
L4-L1\_r10;L5-L1\_r9;L6-L1\_r8



# STMN1 ENSG00000117632 Layer5-Layer1

tstat 1.79e+01 p 4.59e-28

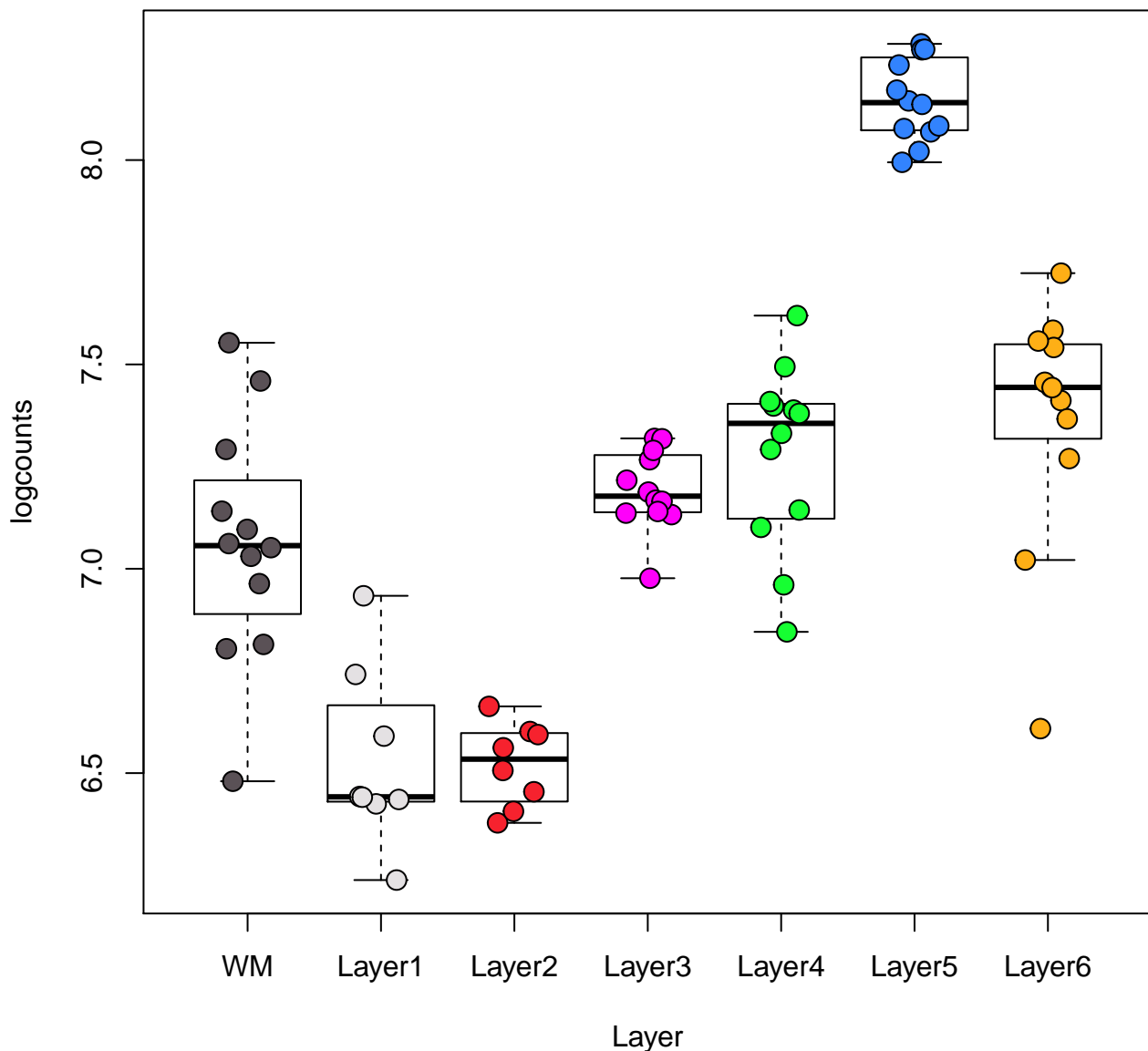
L4-L1\_r1;L5-L1\_r1;L6-L1\_r7



**CAMK2D ENSG00000145349 Layer5-Layer1**

**tstat 1.62e+01 p 1.35e-25**

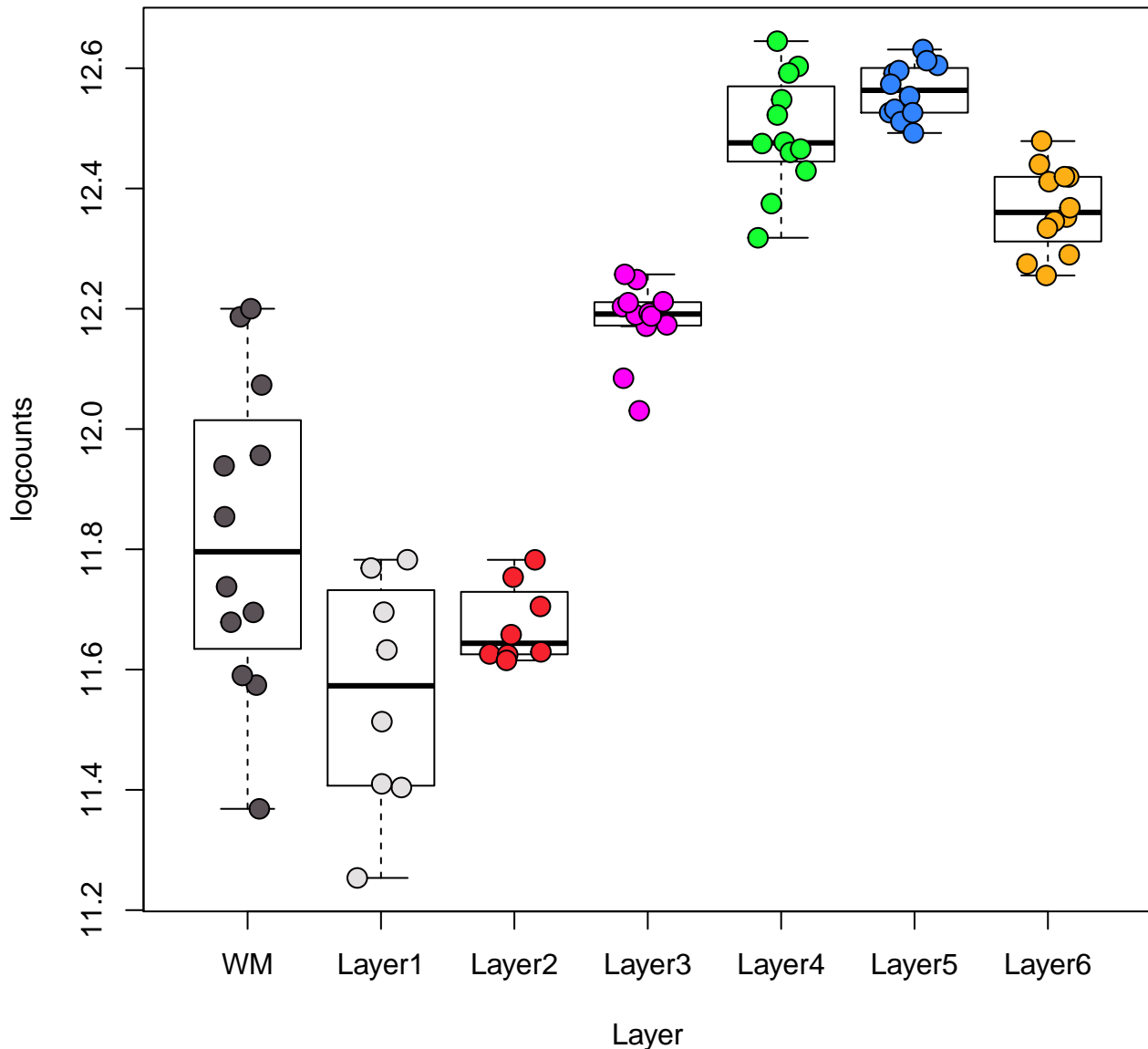
**L5\_r2;L5-L6\_r8;L5-L1\_r2;L5-L2\_r2;L5-L4\_r2**



**TUBA1B ENSG00000123416 Layer5-Layer1**

**tstat 1.47e+01 p 2.30e-23**

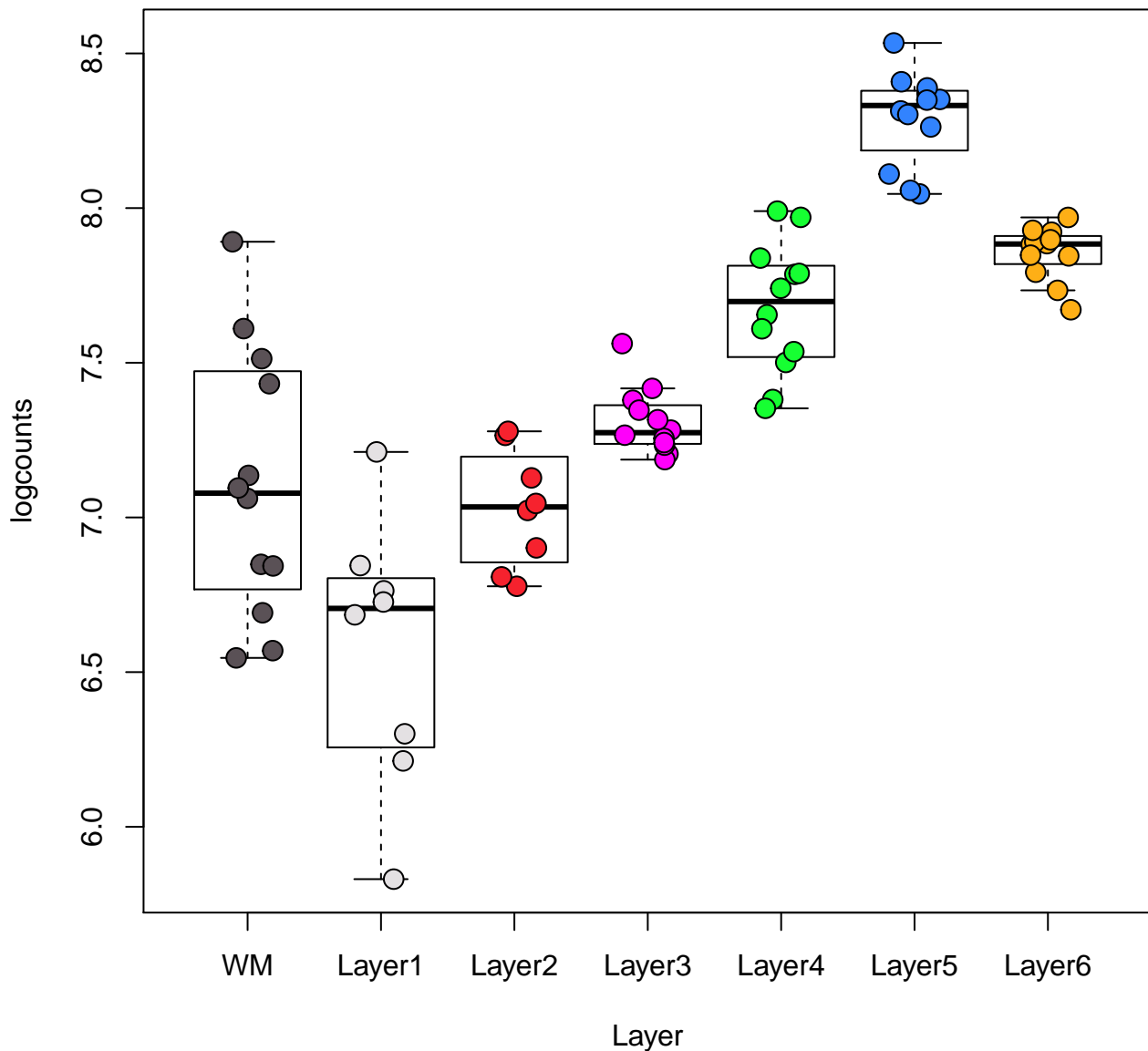
**L3-L1\_r10;L4-L1\_r2;L5-L1\_r3;L3-L2\_r7;L4-L2\_r5;L5-L2\_r7**



# IPCEF1 ENSG00000074706 Layer5-Layer1

tstat 1.44e+01 p 7.06e-23

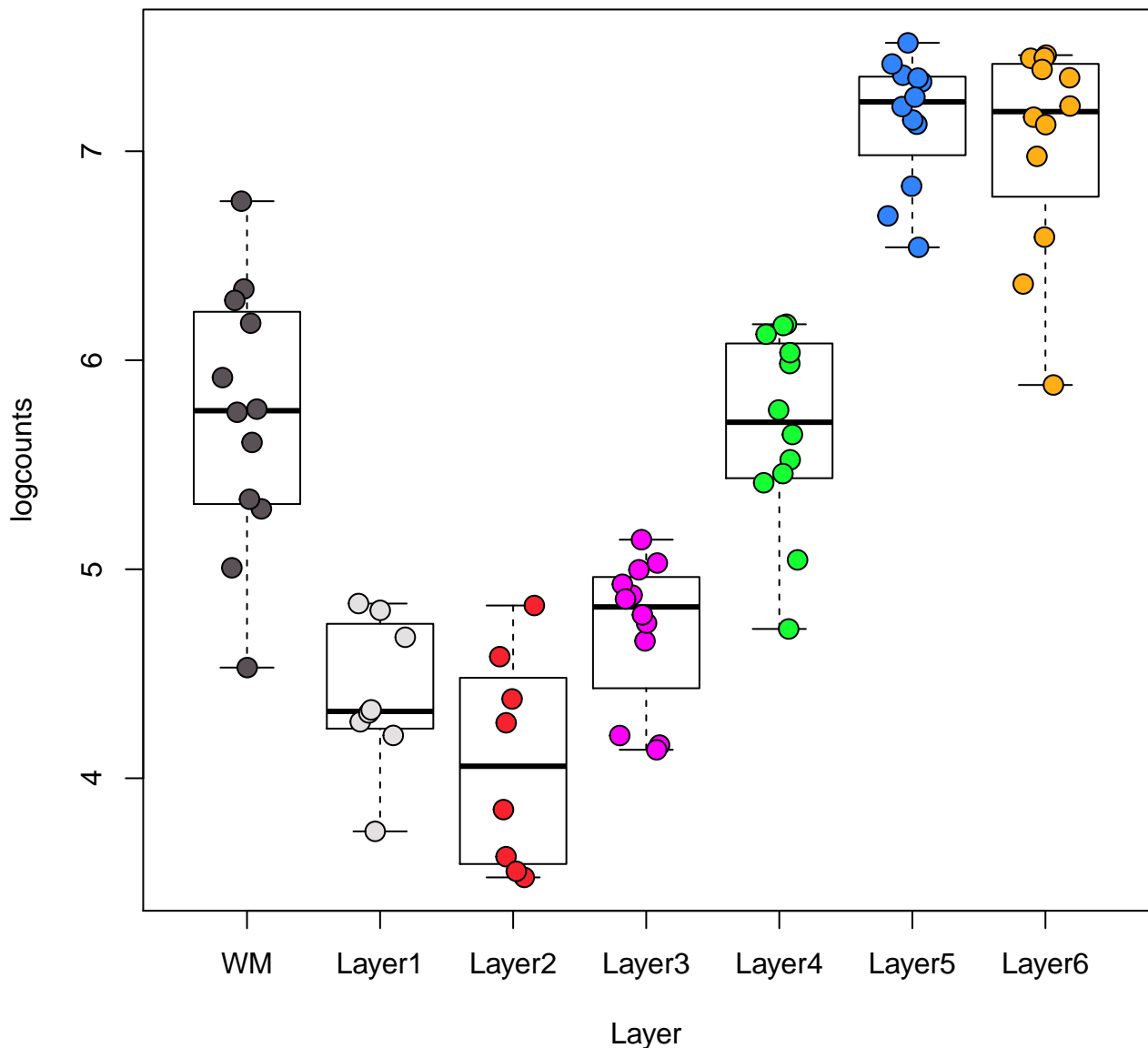
L5-L1\_r4



HS3ST2 ENSG00000122254 Layer5-Layer1

tstat 1.43e+01 p 1.05e-22

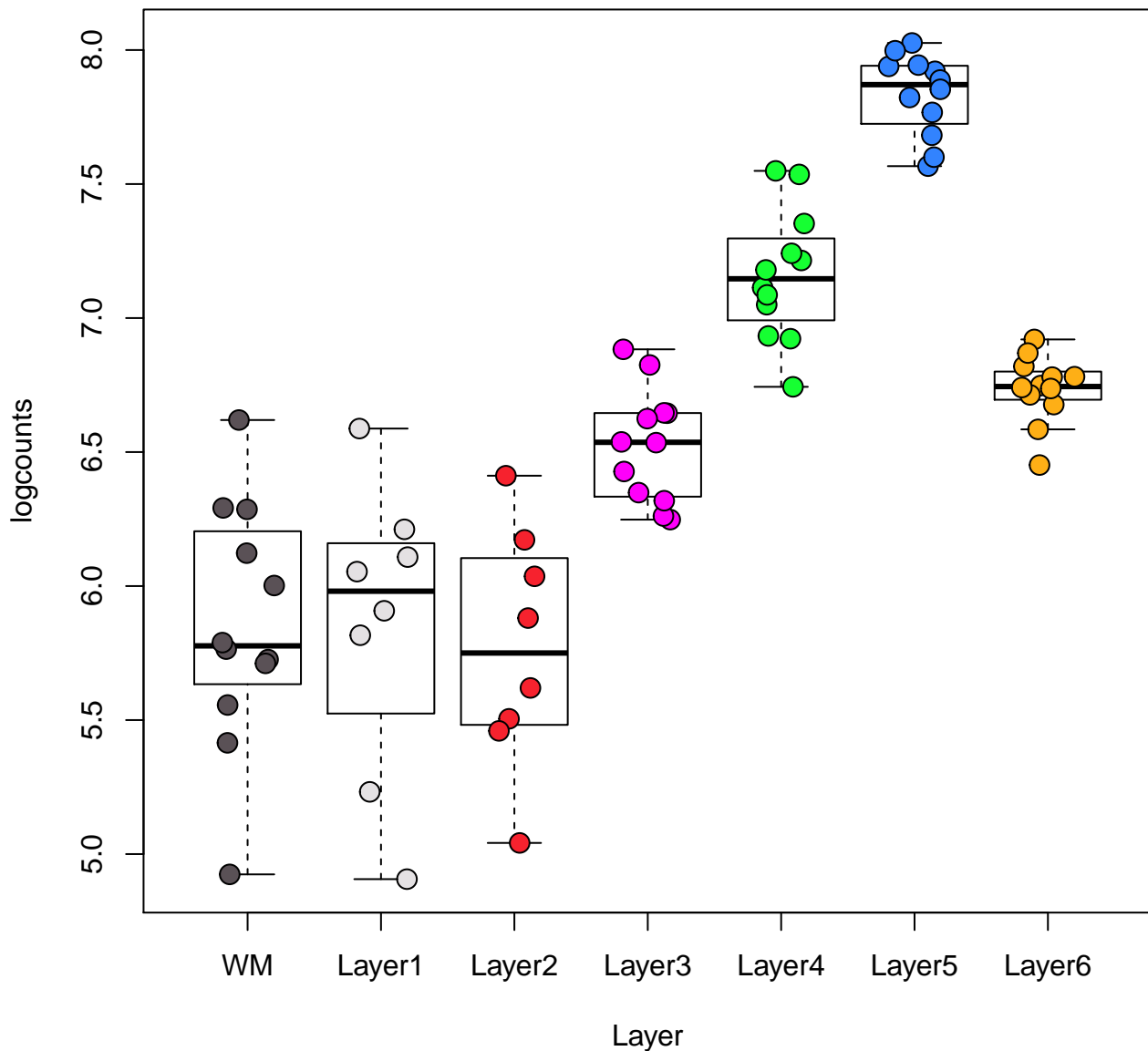
L5-L1\_r5;L6-L1\_r6;L5-L2\_r3;L6-L2\_r3;L5-L3\_r2;L6-L3\_r6;L5-L4\_r5



**SMYD2 ENSG00000143499 Layer5-Layer1**

**tstat 1.42e+01 p 2.07e-22**

**L5\_r3;L5-L6\_r7;L5-WM\_r8;L5-L1\_r6;L5-L2\_r4**

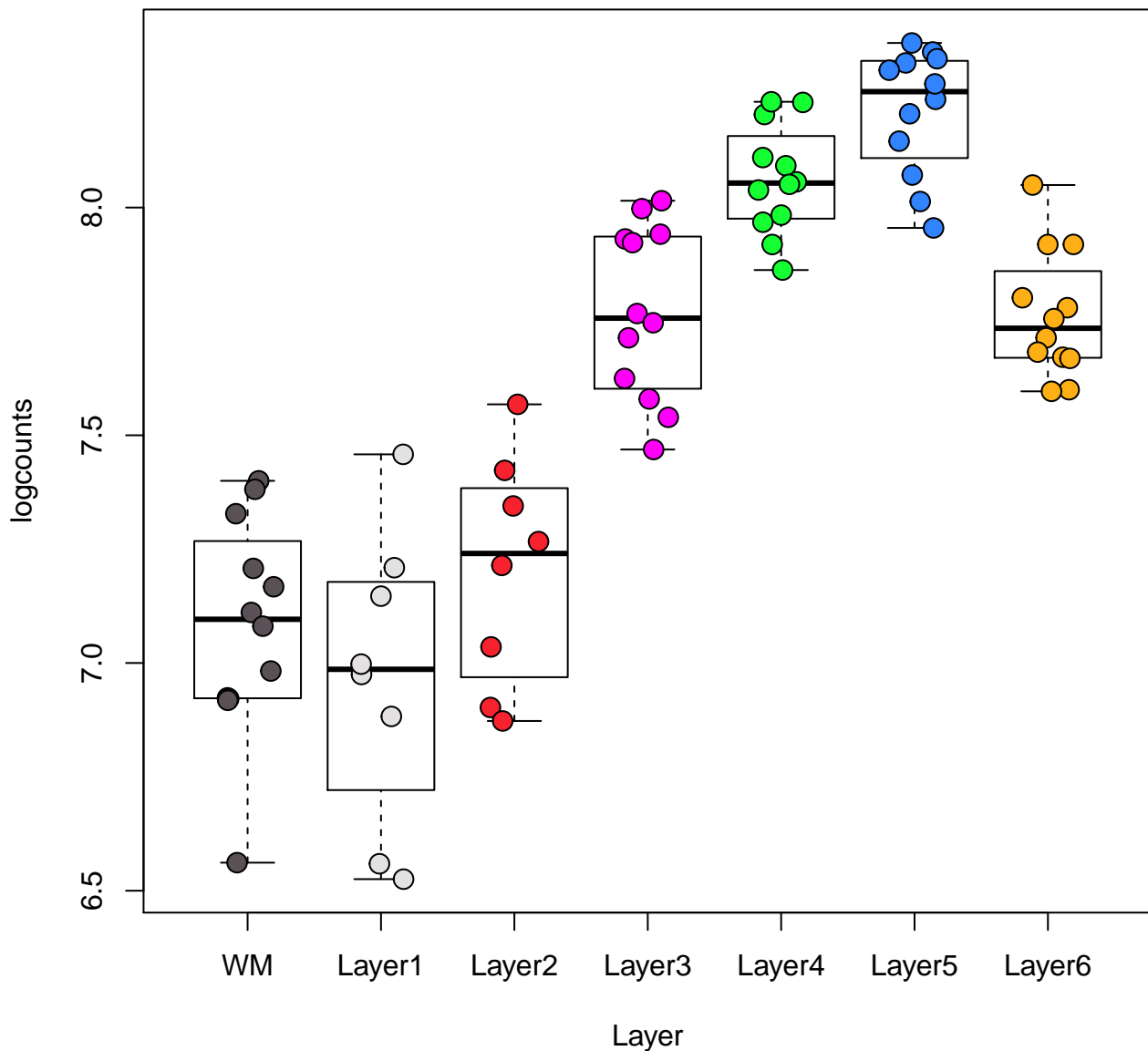




# SATB1 ENSG00000182568 Layer5-Layer1

tstat 1.37e+01 p 1.04e-21

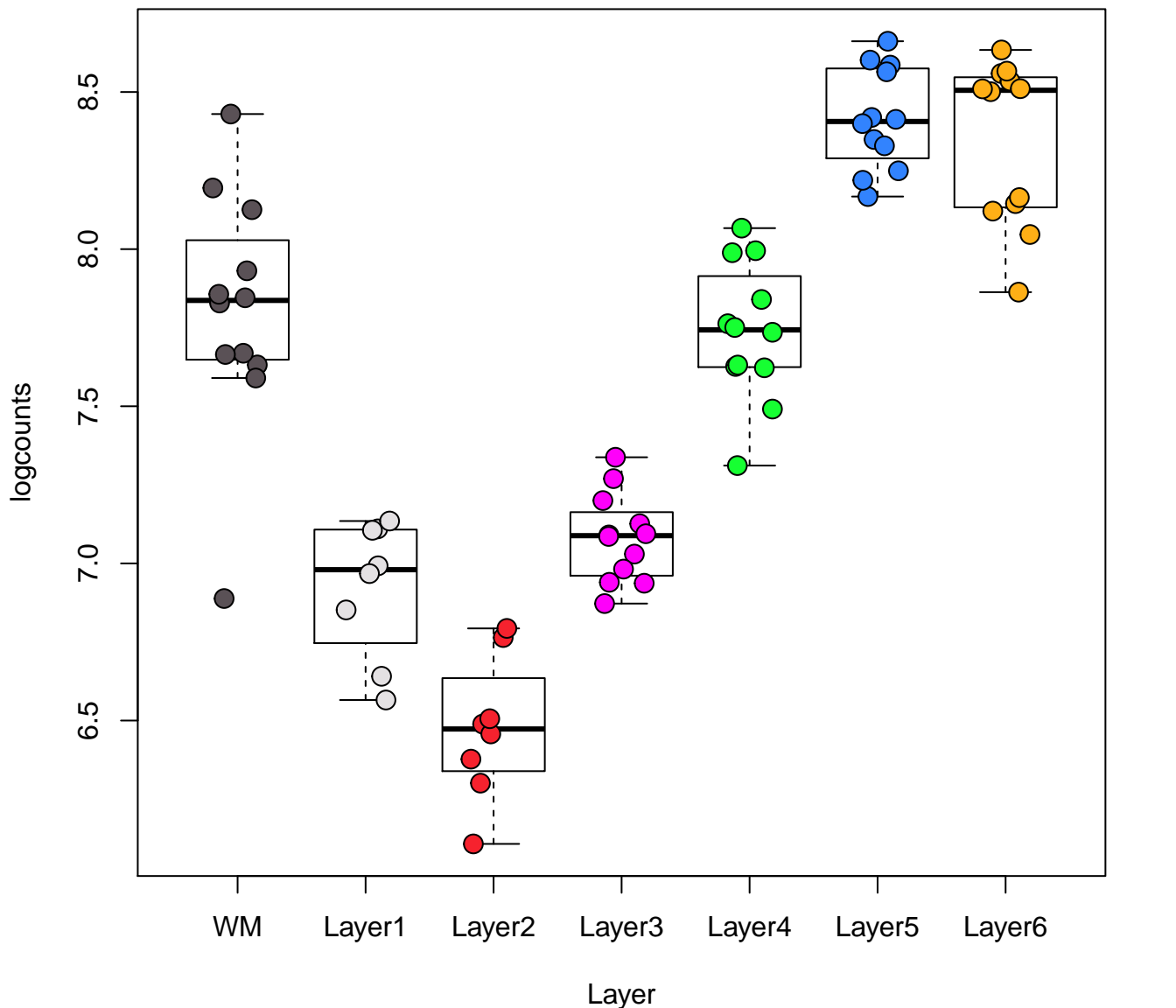
L4-L1\_r7;L5-L1\_r7



# EFHD2 ENSG00000142634 Layer5-Layer1

tstat 1.36e+01 p 1.40e-21

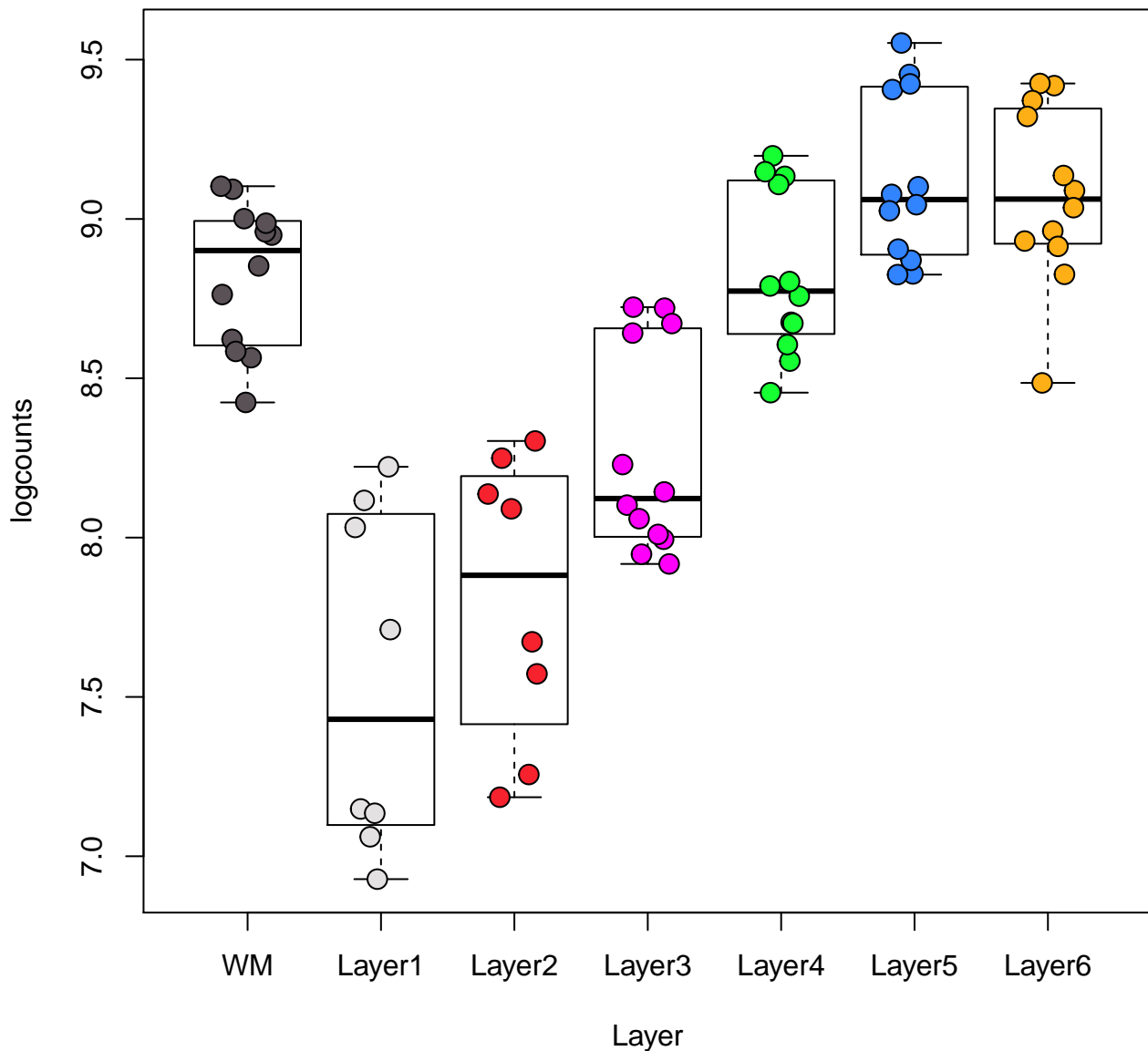
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



# SLC24A2 ENSG00000155886 Layer5-Layer1

tstat 1.36e+01 p 1.58e-21

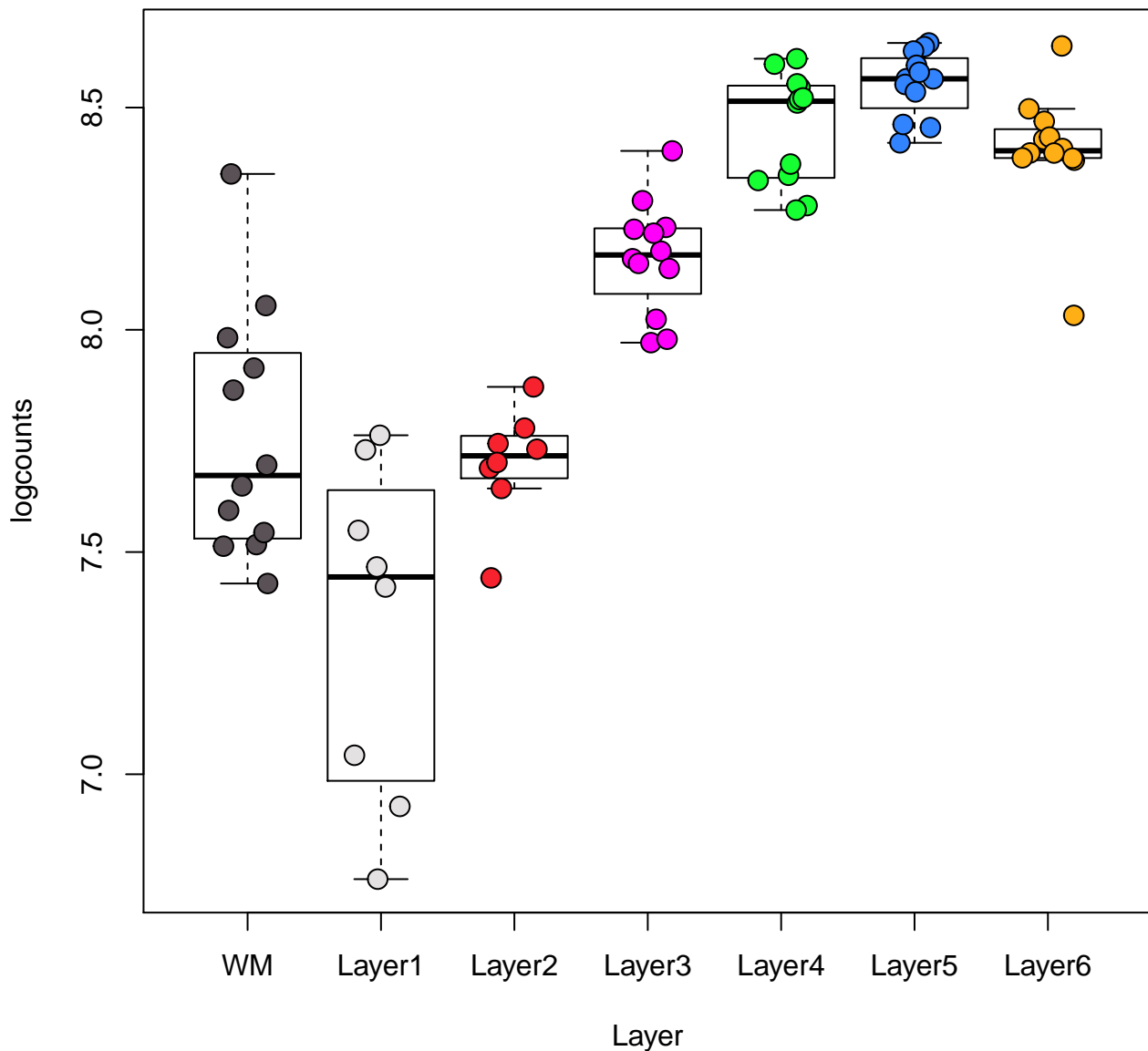
L4-L1\_r10;L5-L1\_r9;L6-L1\_r8



**NUAK1 ENSG00000074590 Layer5-Layer1**

**tstat 1.34e+01 p 3.01e-21**

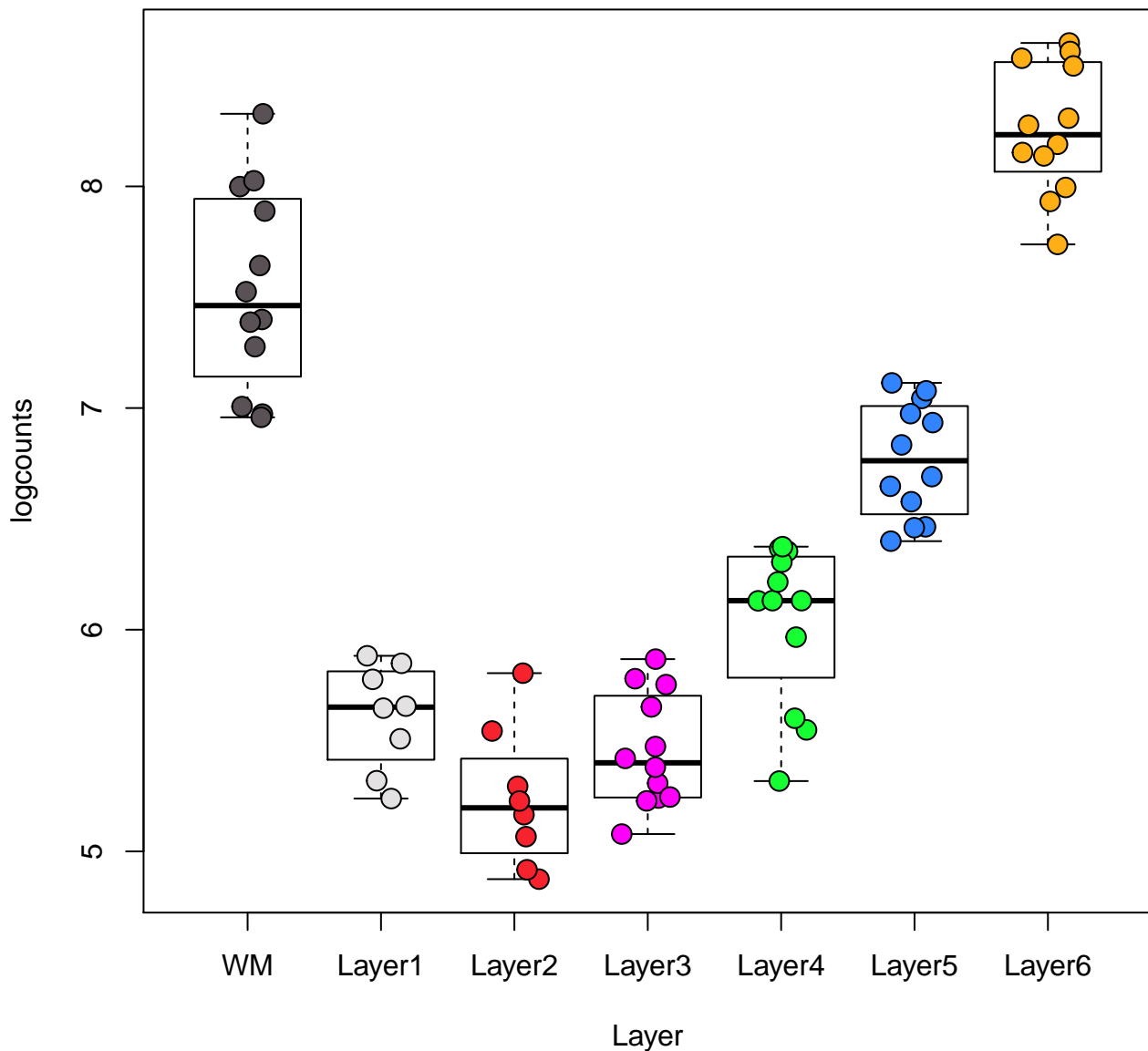
**L3-L1\_r8;L4-L1\_r5;L5-L1\_r10**



# KRT17 ENSG00000128422 Layer6-Layer1

tstat 1.83e+01 p 1.19e-28

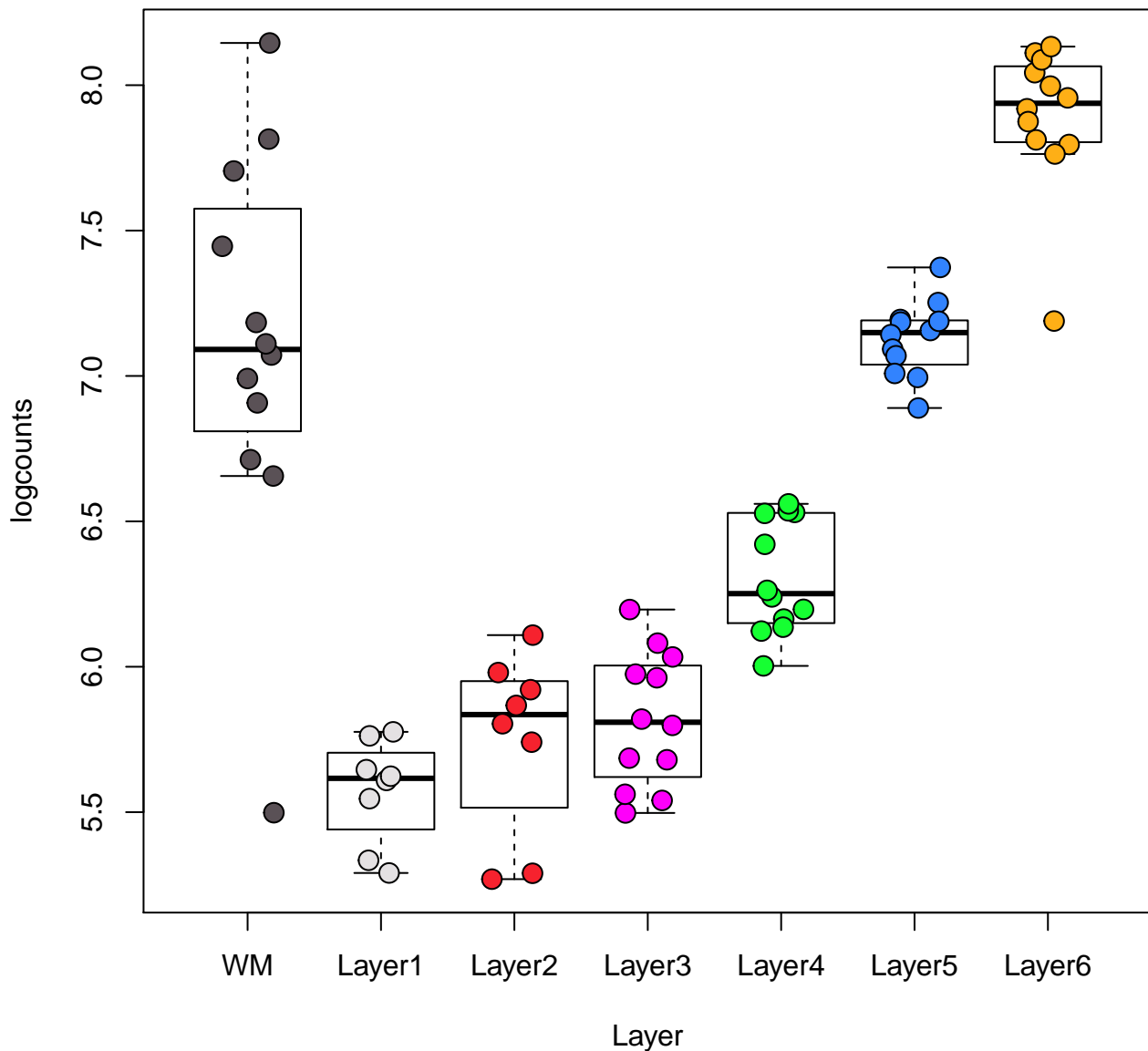
L6\_r9;L6-L1\_r1;L6-L2\_r1;L6-L3\_r1;L6-L4\_r1;L6-L5\_r1



# B3GALT2 ENSG00000162630 Layer6-Layer1

tstat  $1.51\text{e}+01$  p  $6.47\text{e}-24$

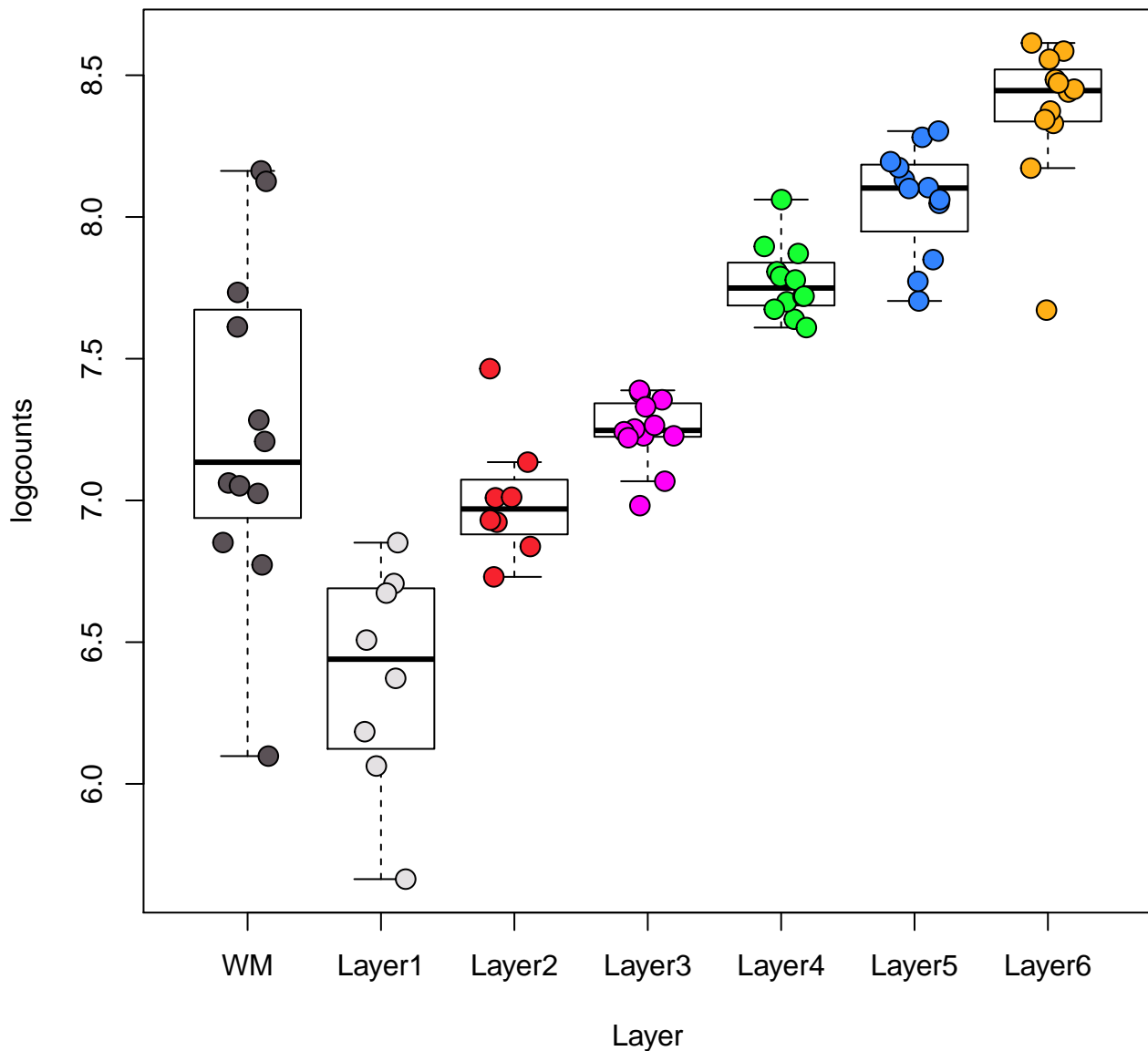
L6-L1\_r2;L6-L2\_r5;L6-L3\_r3;L6-L4\_r9



# TBR1 ENSG00000136535 Layer6-Layer1

tstat 1.46e+01 p 3.51e-23

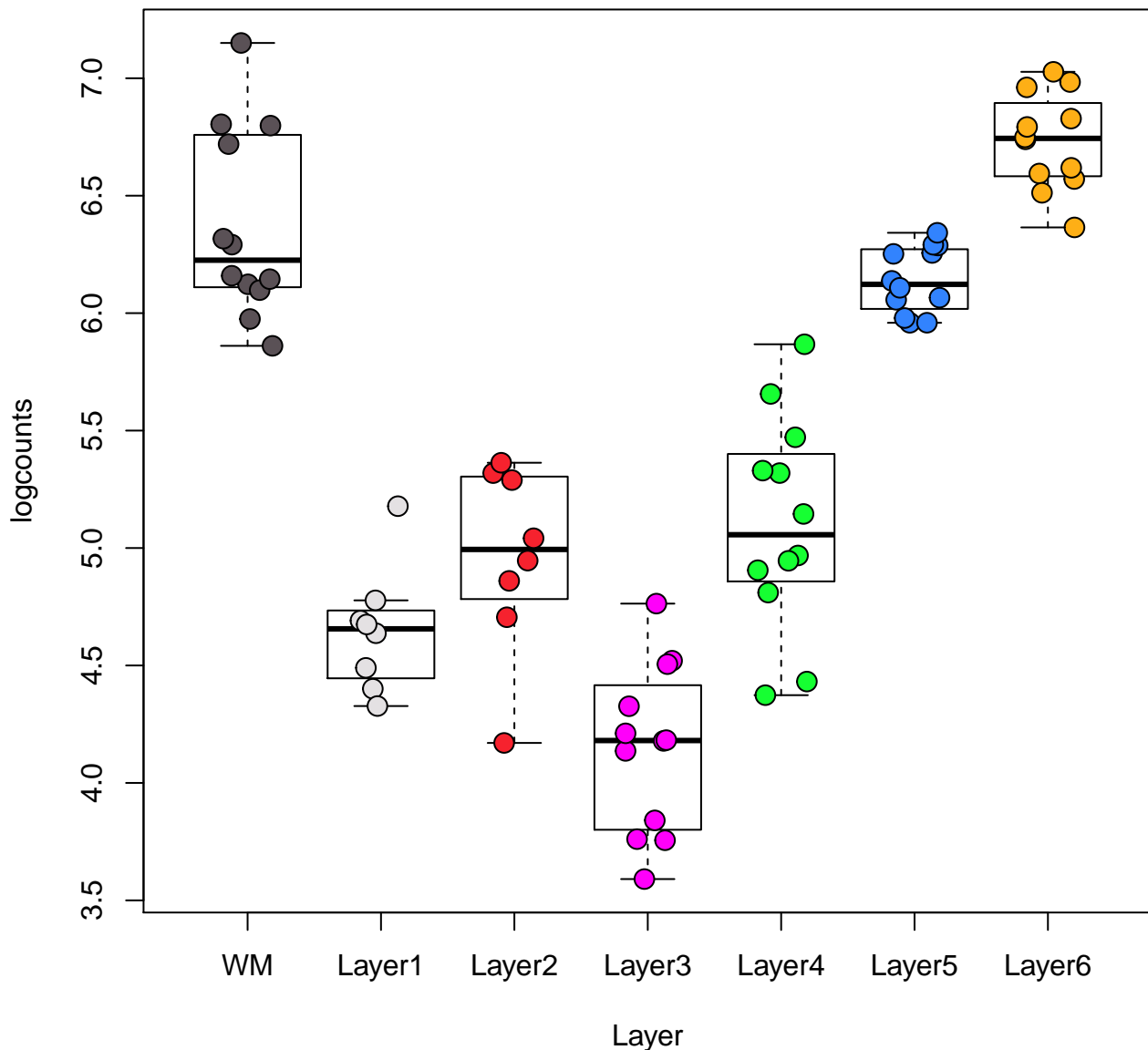
L6-L1\_r3



# HS3ST4 ENSG00000182601 Layer6-Layer1

tstat 1.40e+01 p 3.54e-22

WM-L3\_r9;L6-L1\_r4;L4-L3\_r2;L5-L3\_r1;L6-L3\_r2;L5-L4\_r7;L6-L4\_r5

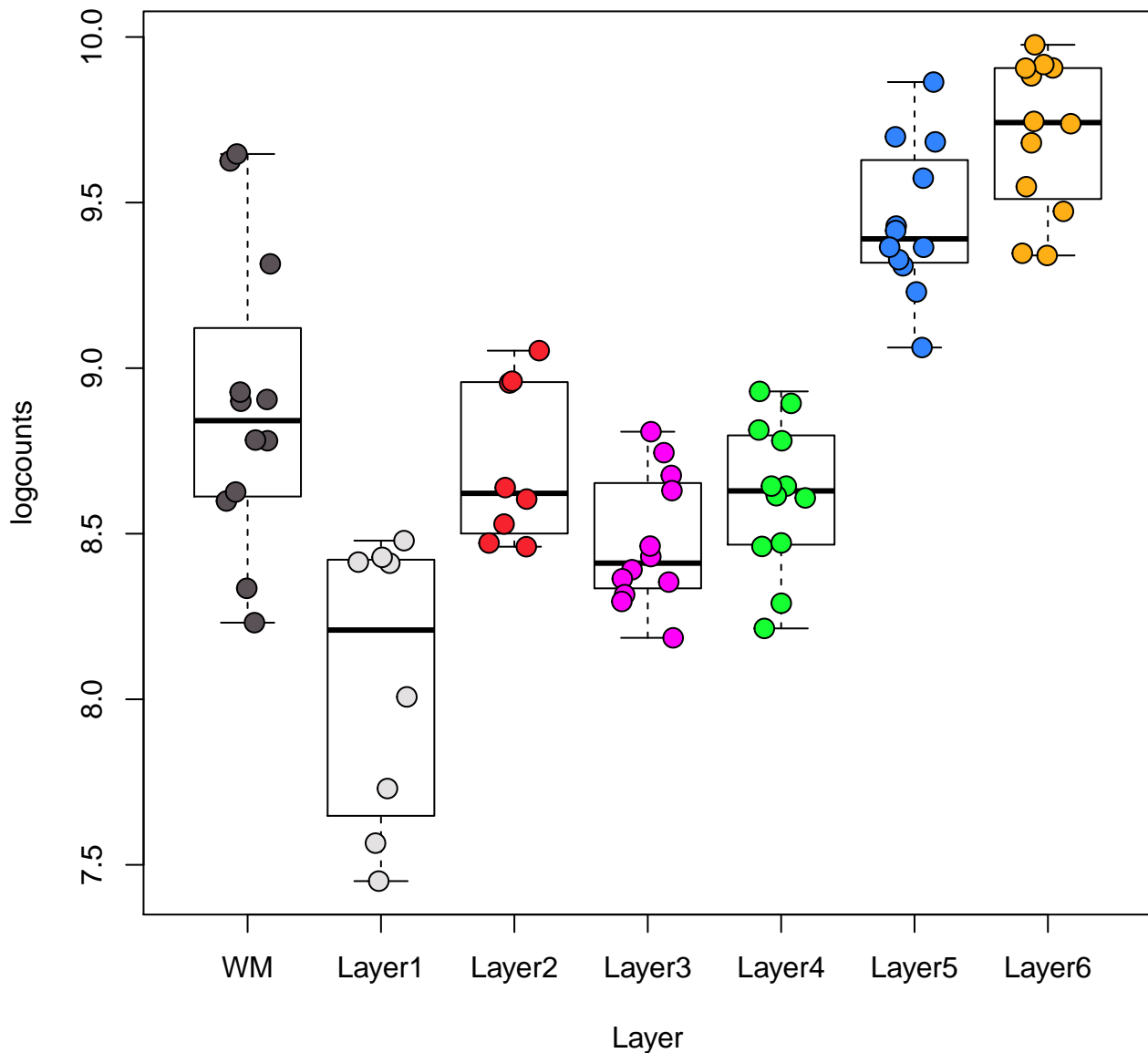




# DIRAS2 ENSG00000165023 Layer6-Layer1

tstat 1.39e+01 p 4.85e-22

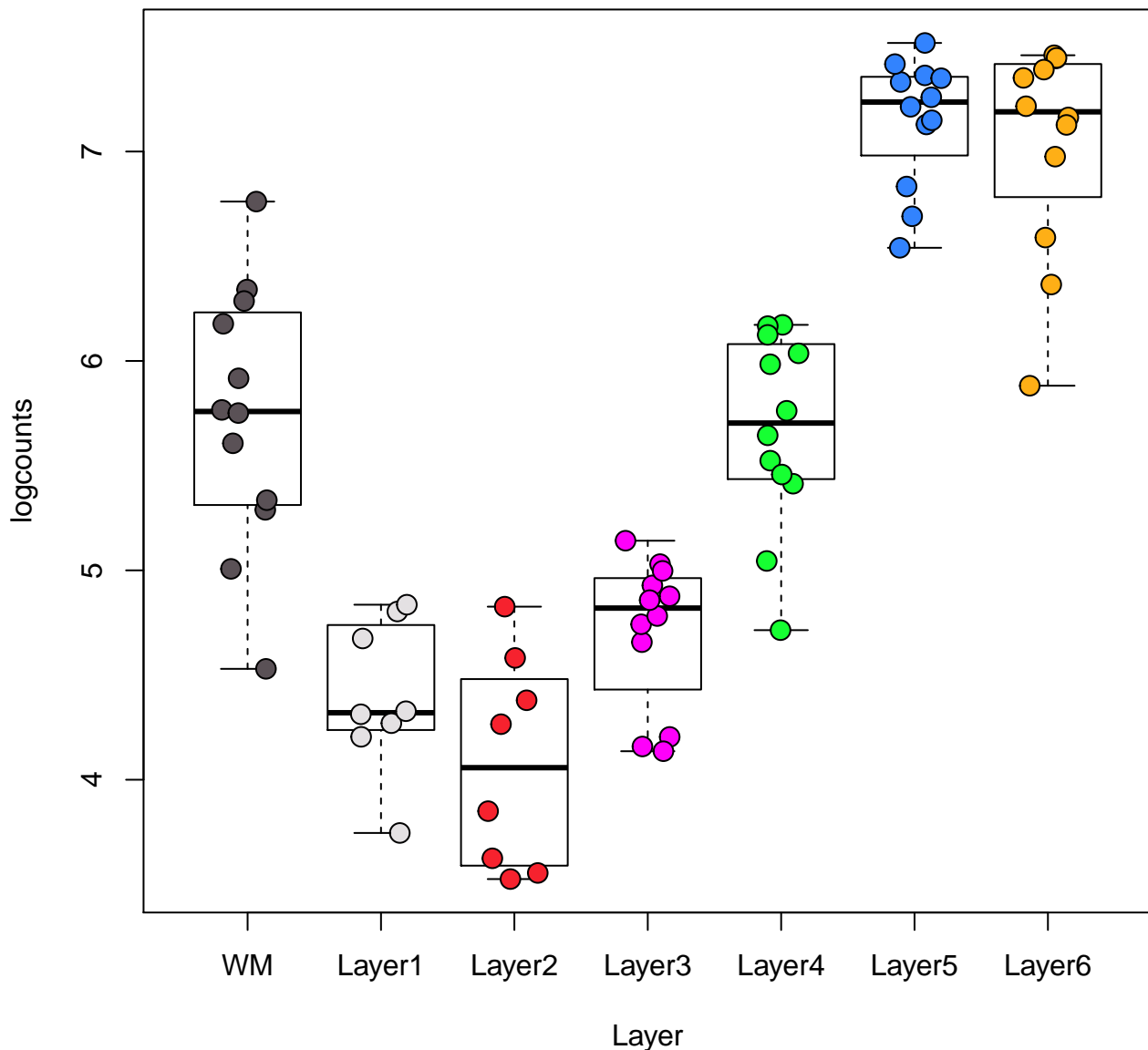
L6-L1\_r5;L5-L4\_r8



HS3ST2 ENSG00000122254 Layer6-Layer1

tstat 1.37e+01 p 1.06e-21

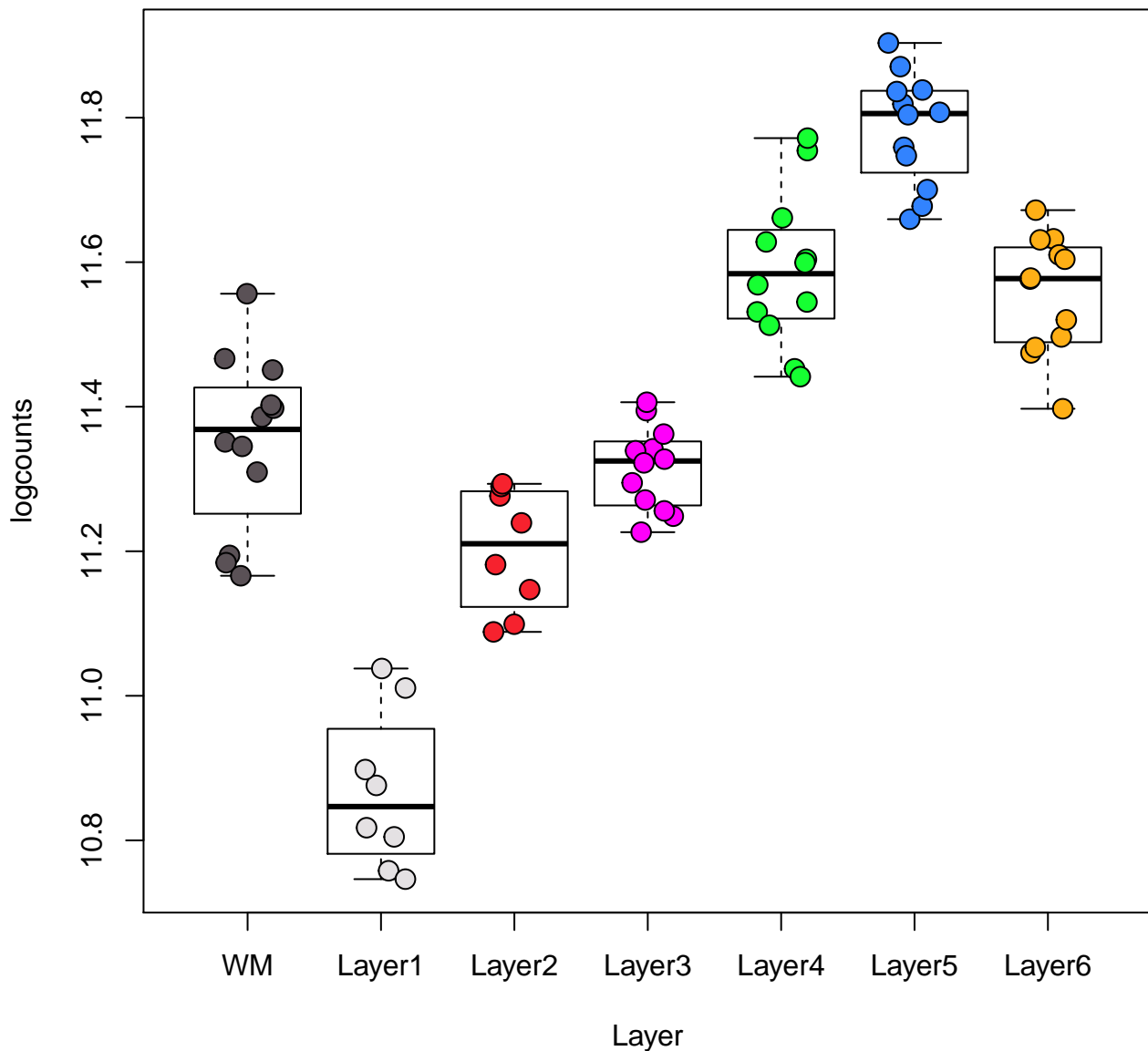
L5-L1\_r5;L6-L1\_r6;L5-L2\_r3;L6-L2\_r3;L5-L3\_r2;L6-L3\_r6;L5-L4\_r5



# STMN1 ENSG00000117632 Layer6-Layer1

tstat 1.34e+01 p 3.90e-21

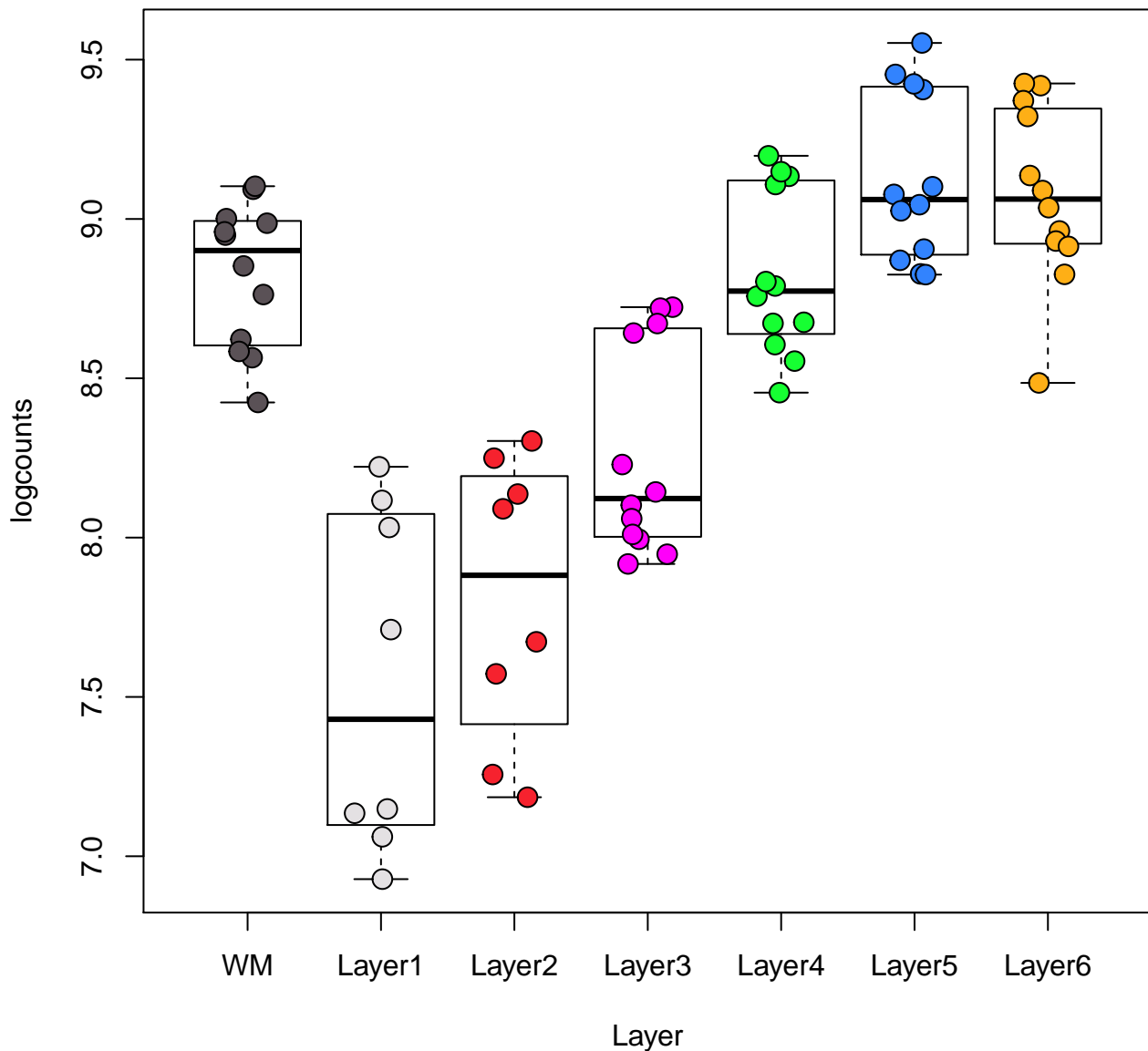
L4-L1\_r1;L5-L1\_r1;L6-L1\_r7



# SLC24A2 ENSG00000155886 Layer6-Layer1

tstat 1.32e+01 p 7.90e-21

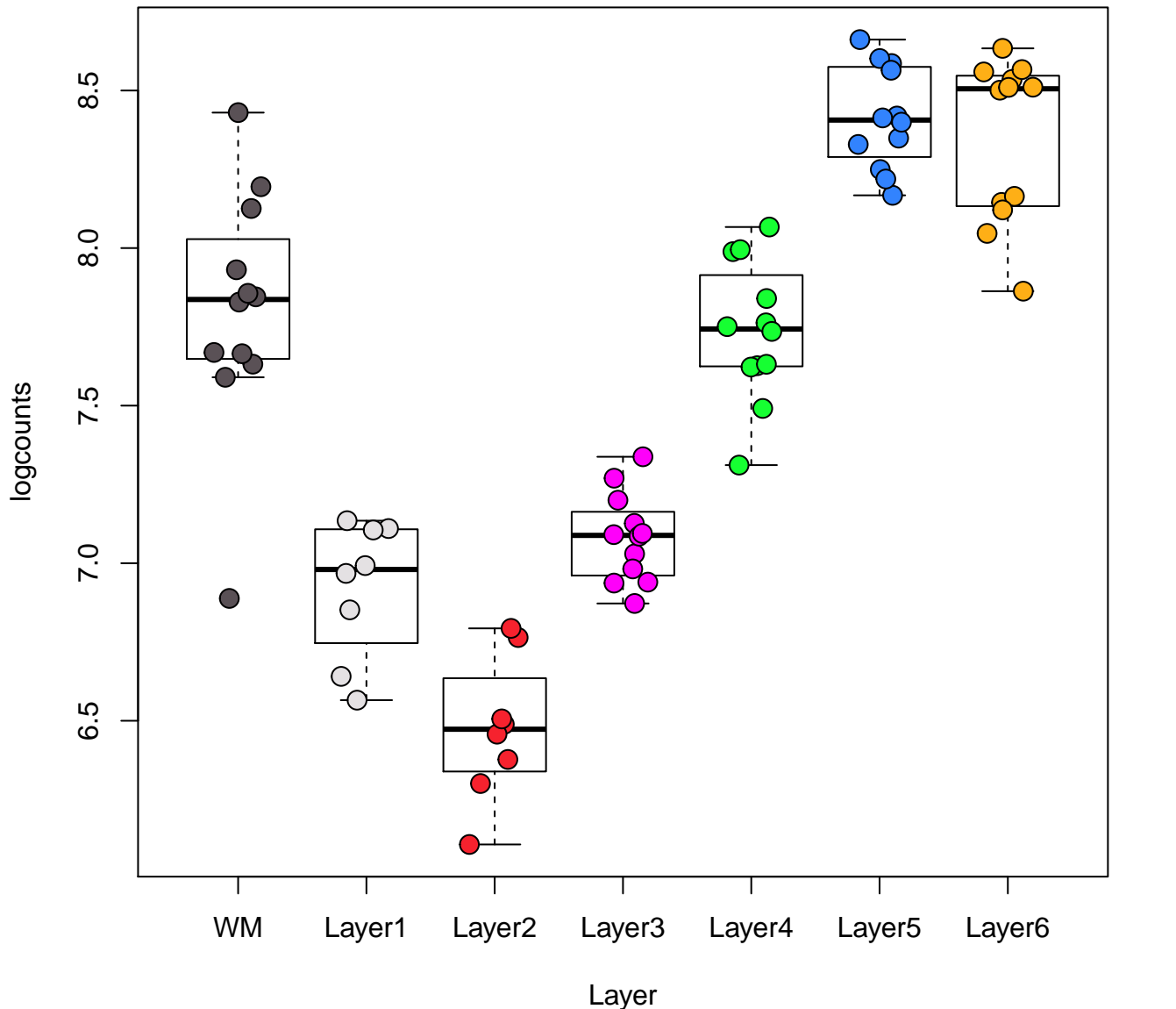
L4-L1\_r10;L5-L1\_r9;L6-L1\_r8



# EFHD2 ENSG00000142634 Layer6-Layer1

tstat 1.30e+01 p 1.58e-20

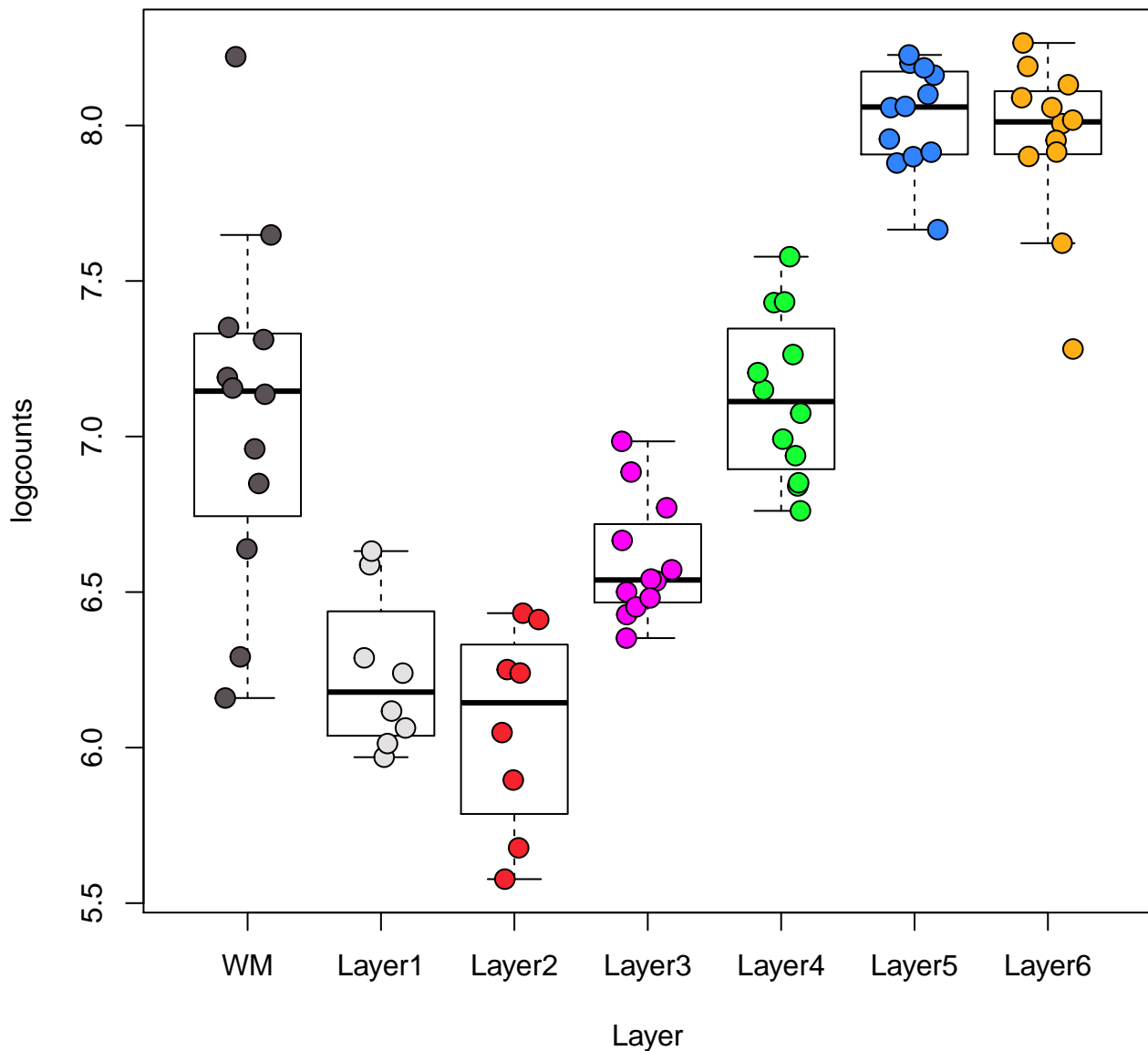
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



# CLSTN2 ENSG00000158258 Layer6-Layer1

tstat 1.27e+01 p 5.50e-20

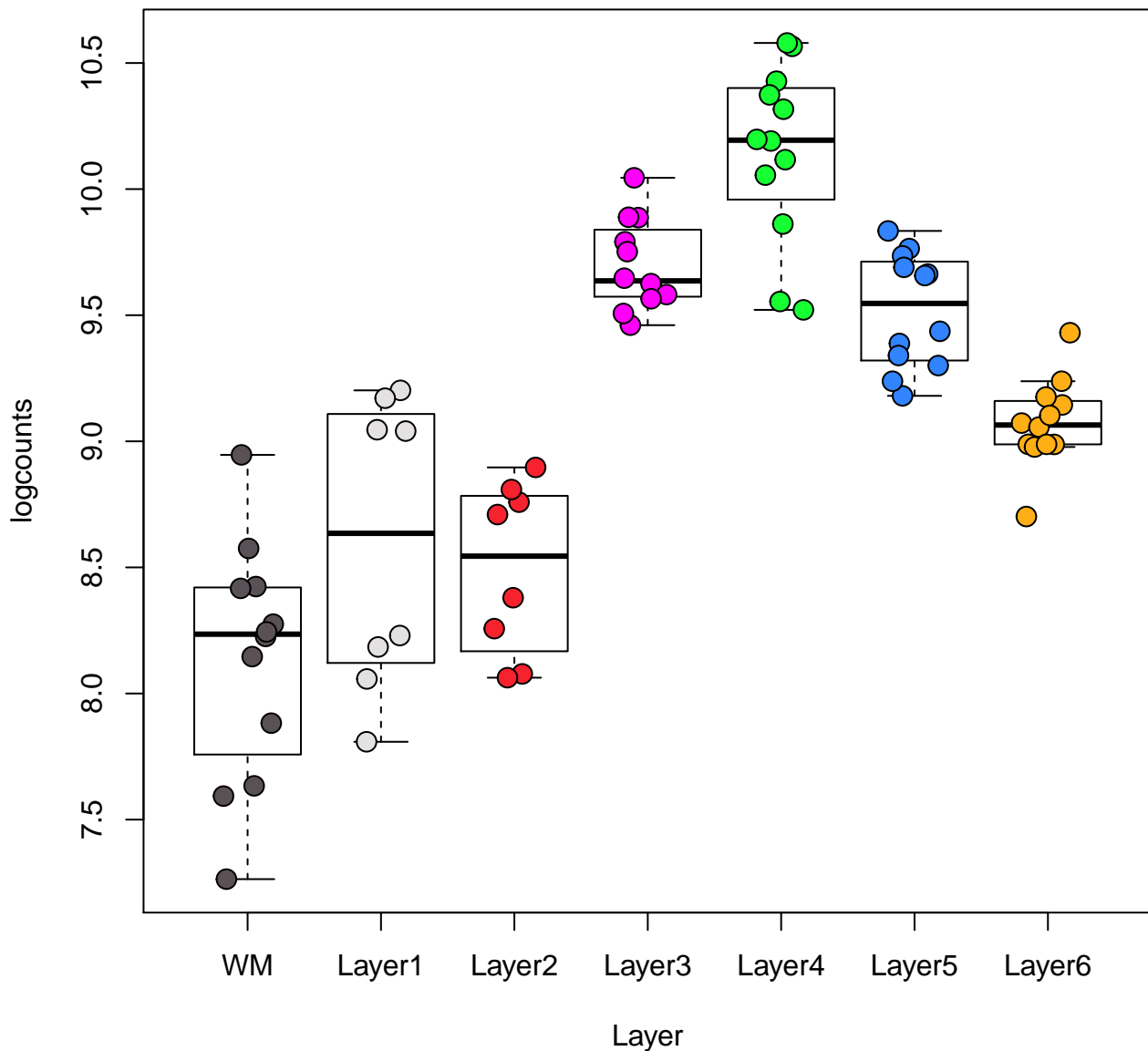
L6-L1\_r10;L5-L2\_r5;L6-L2\_r4;L5-L3\_r5



# NEFM ENSG00000104722 Layer3-Layer2

tstat 8.37e+00 p 3.30e-12

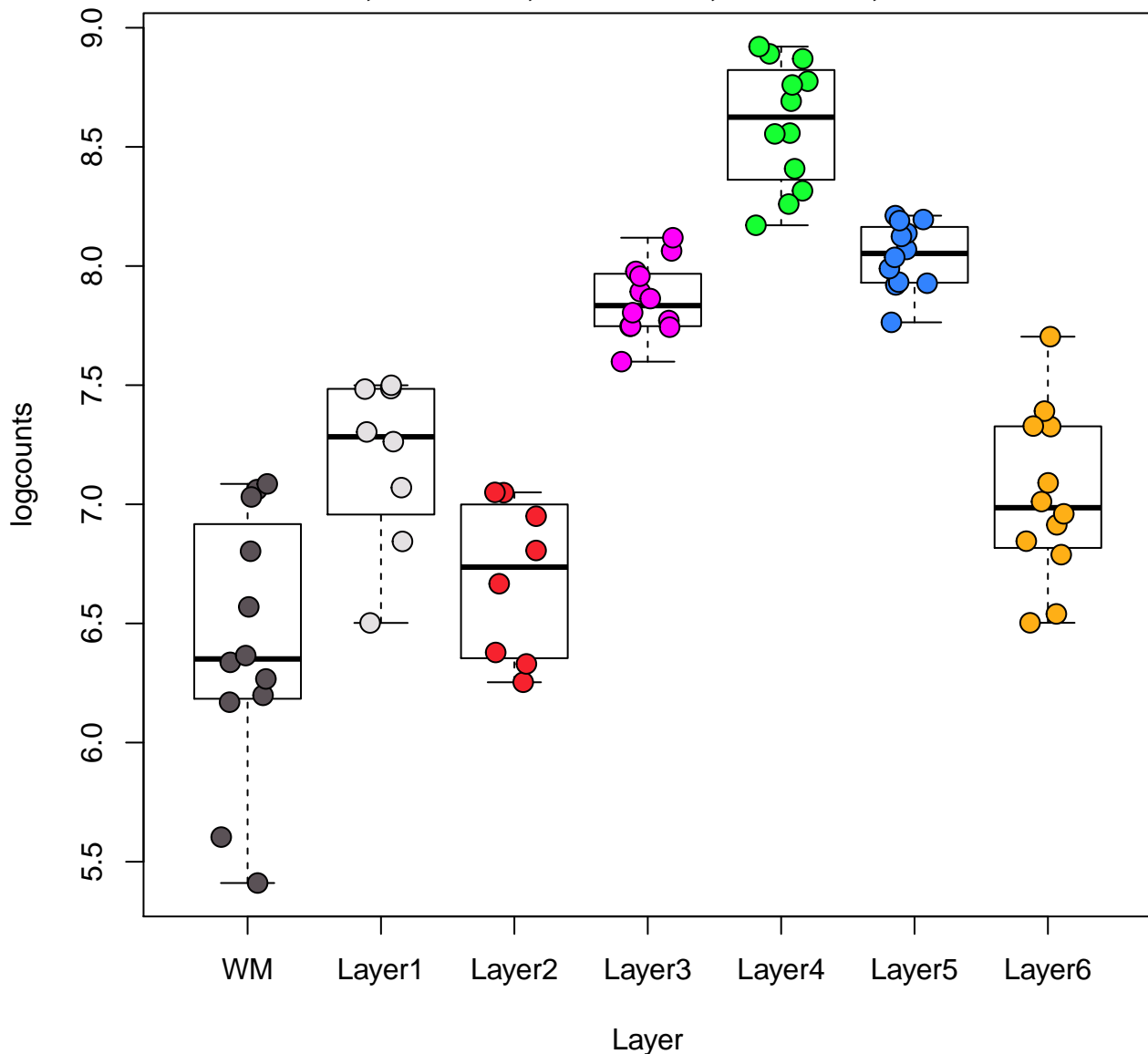
L4\_r10;L3-L2\_r1;L4-L2\_r8



# PVALB ENSG00000100362 Layer3-Layer2

tstat 8.16e+00 p 8.15e-12

L4\_r7;L4-L6\_r2;L4-WM\_r6;L3-L2\_r2;L4-L2\_r1

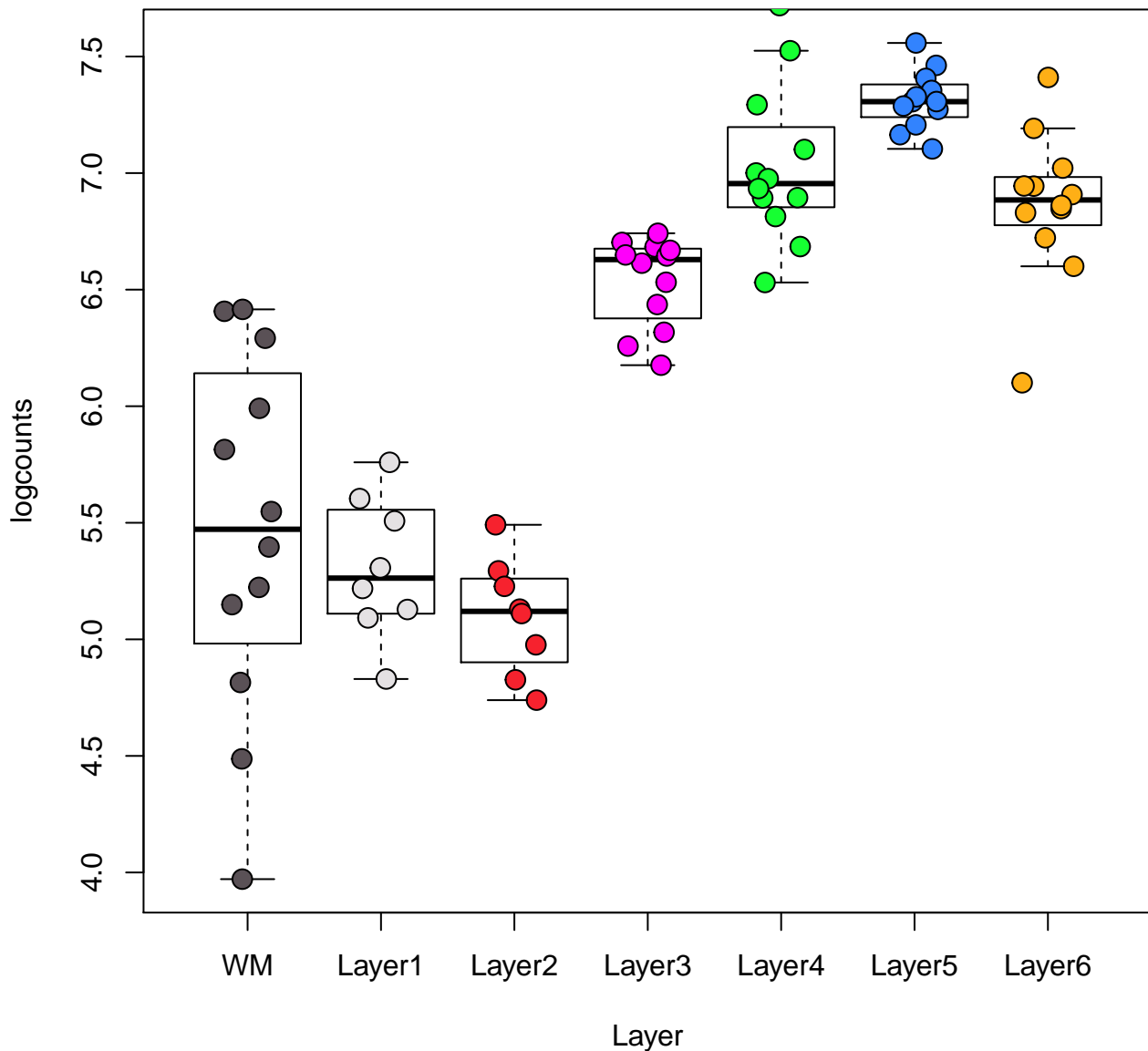




# PCSK1 ENSG00000175426 Layer3-Layer2

tstat 7.99e+00 p 1.72e-11

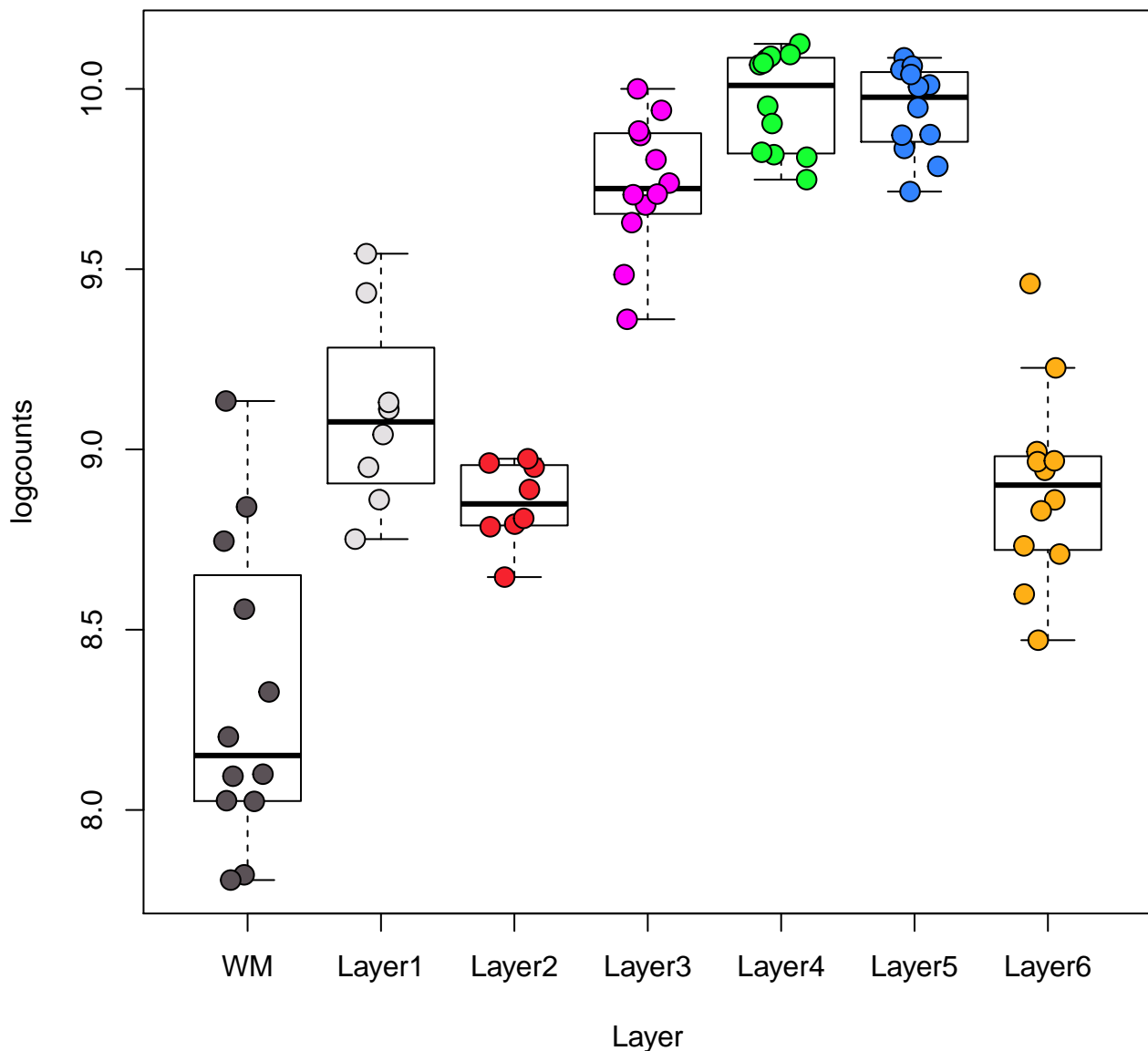
L3-L2\_r3;L5-L2\_r8



# SNCG ENSG00000173267 Layer3-Layer2

tstat 7.97e+00 p 1.83e-11

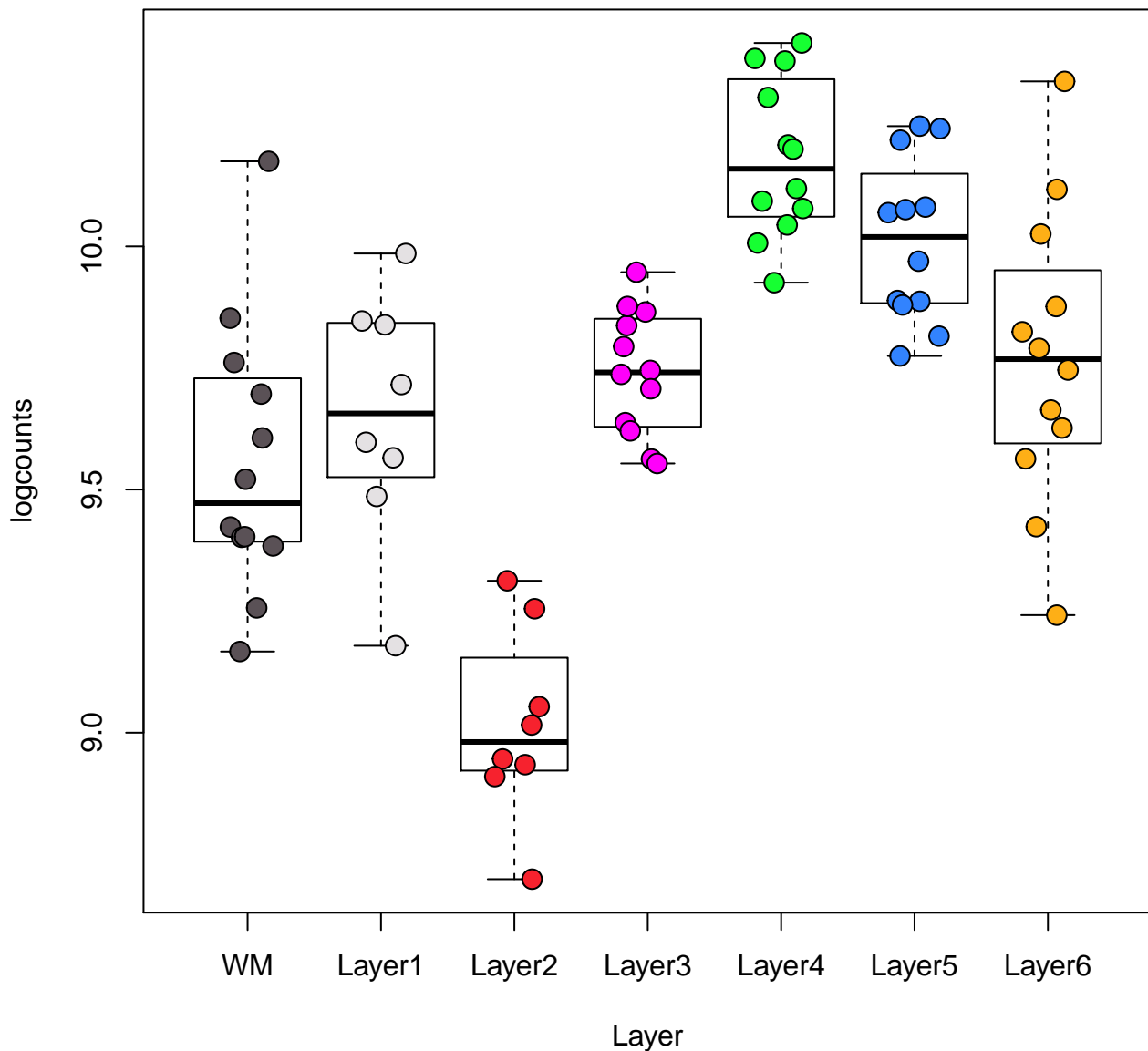
L4-L6\_r8;L5-L6\_r4;L4-WM\_r8;L5-WM\_r4;L3-L2\_r4



# LGALS1 ENSG00000100097 Layer3-Layer2

tstat 7.79e+00 p 3.97e-11

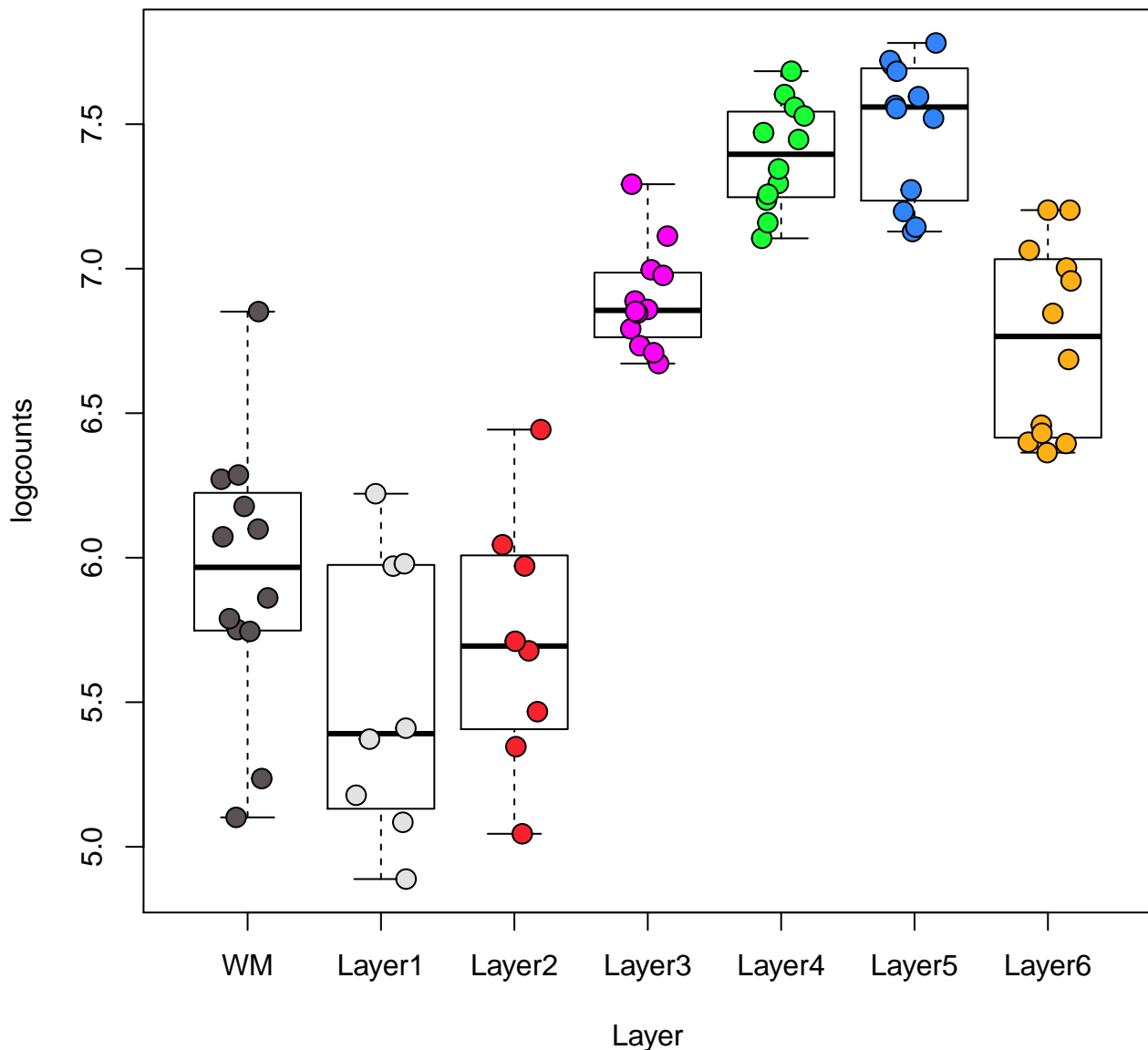
L3-L2\_r5;L4-L2\_r4



# NEUROD6 ENSG00000164600 Layer3-Layer2

tstat 7.75e+00 p 4.67e-11

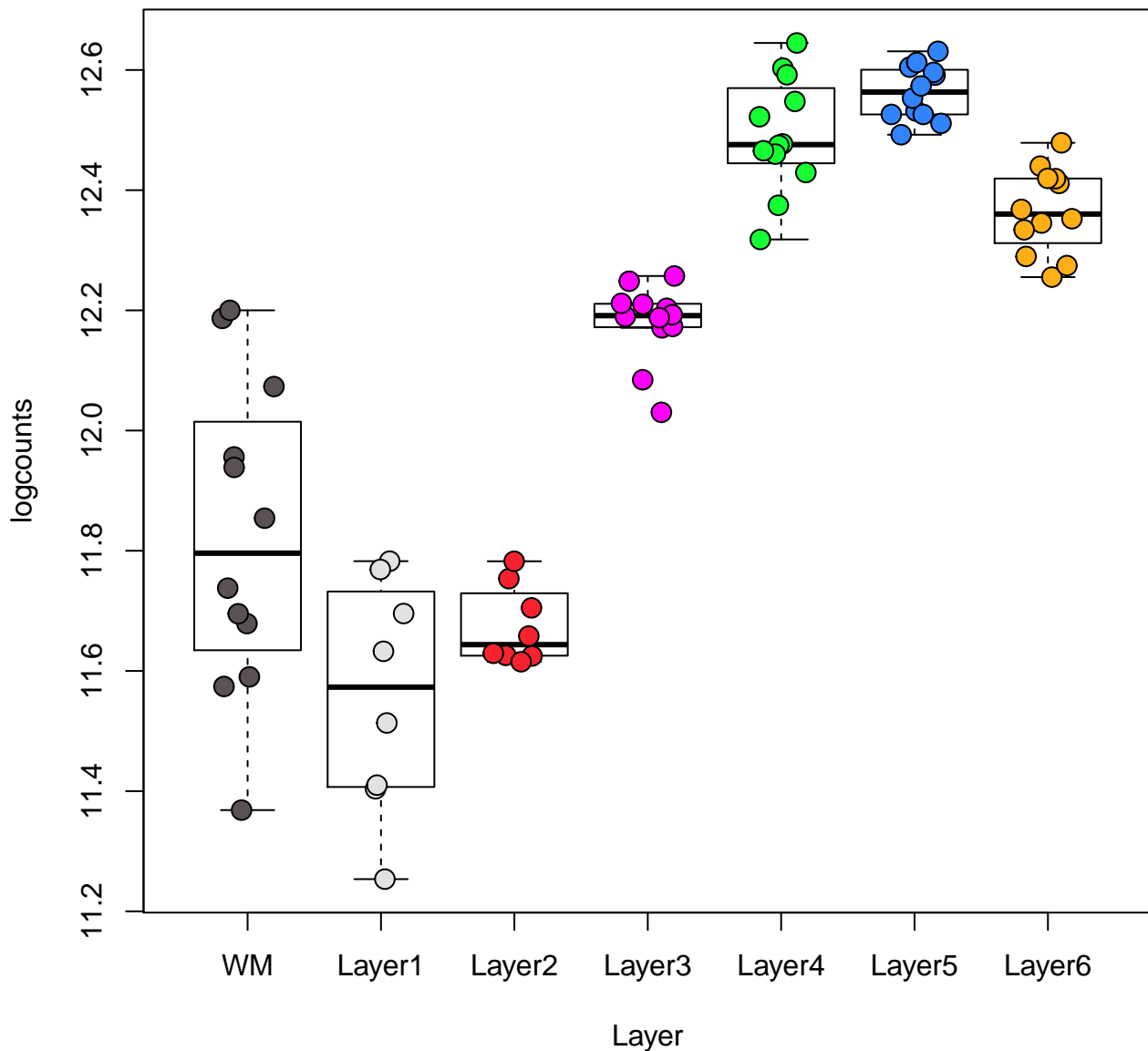
L3-L1\_r9;L4-L1\_r3;L3-L2\_r6;L4-L2\_r10;L5-L2\_r10



TUBA1B ENSG00000123416 Layer3-Layer2

tstat 7.35e+00 p 2.55e-10

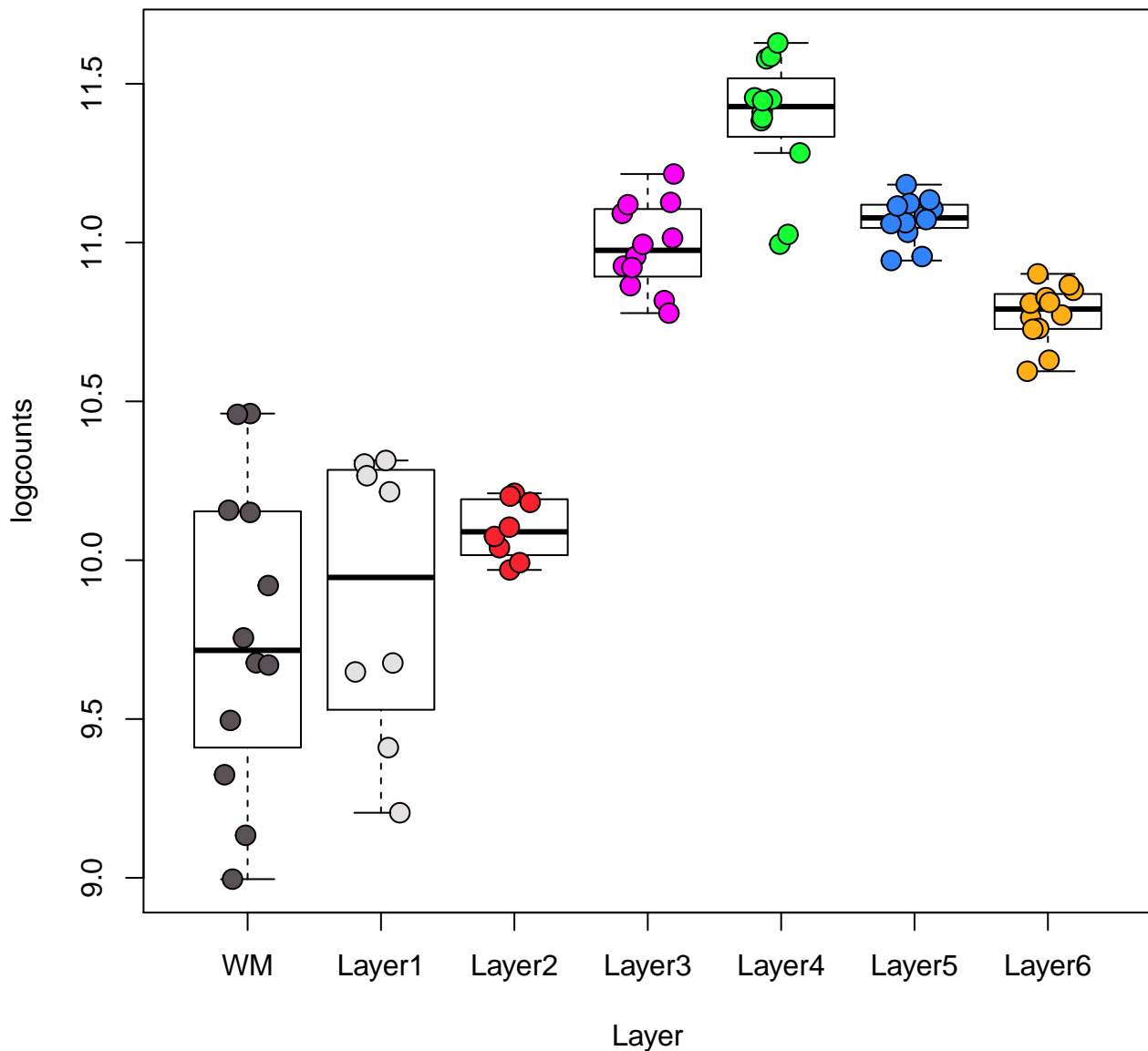
L3-L1\_r10;L4-L1\_r2;L5-L1\_r3;L3-L2\_r7;L4-L2\_r5;L5-L2\_r7



# NEFL ENSG00000277586 Layer3-Layer2

tstat 7.30e+00 p 3.16e-10

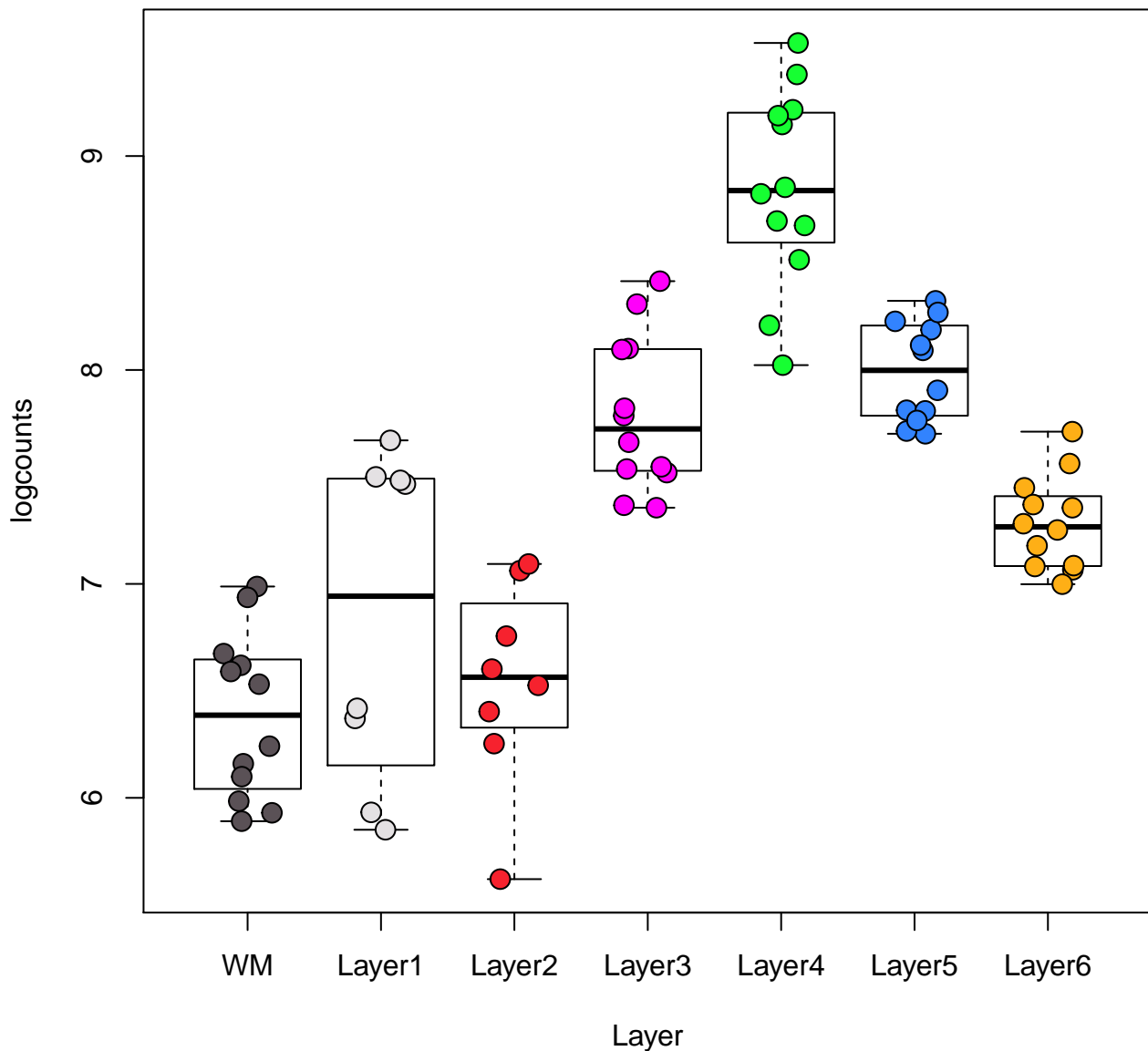
L3-L1\_r7;L4-L1\_r4;L3-L2\_r8



NEFH ENSG00000100285 Layer3-Layer2

tstat 7.25e+00 p 4.00e-10

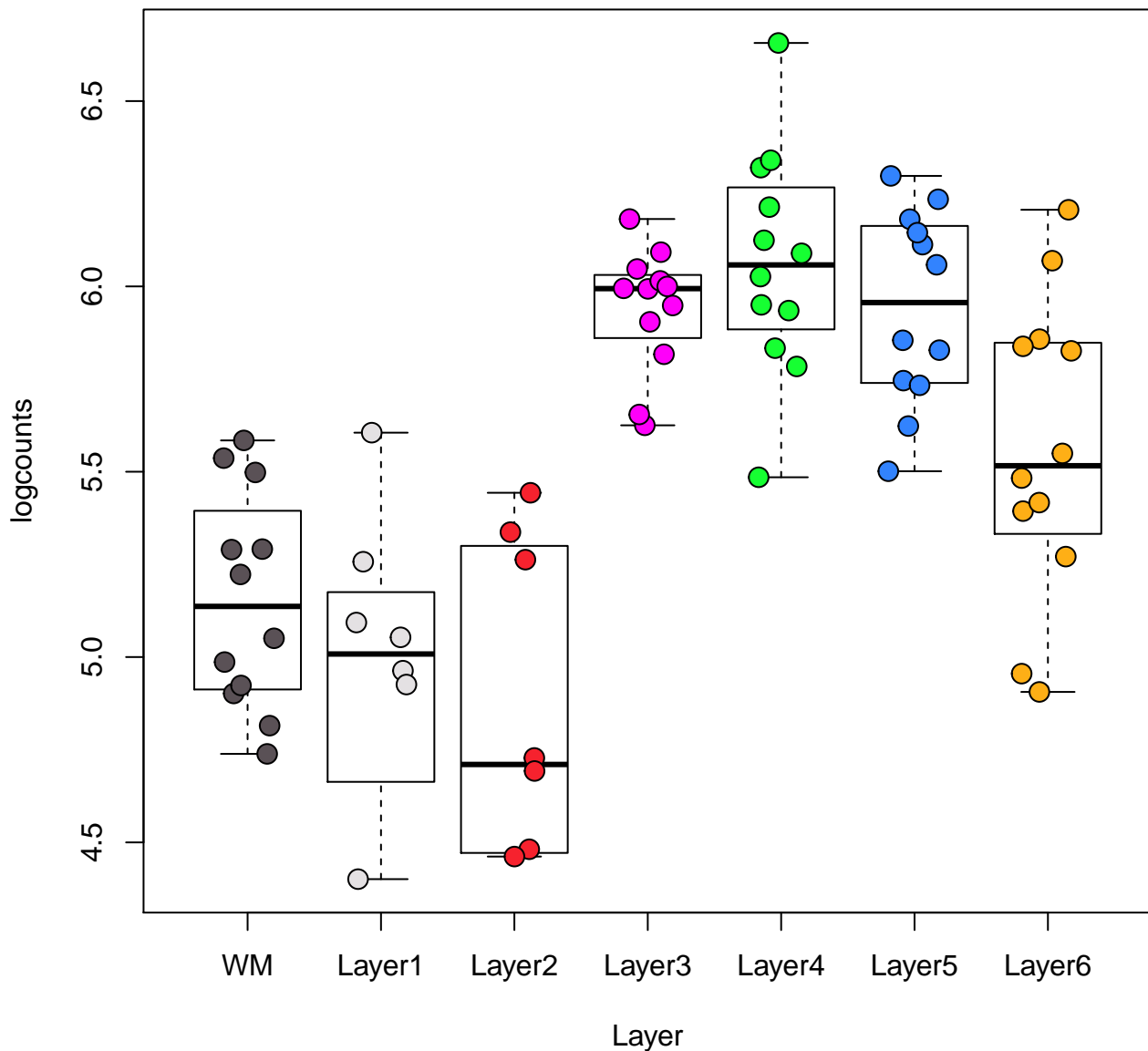
L4\_r3;L4-L1\_r8;L3-L2\_r9;L4-L2\_r2;L4-L3\_r5



# TMEM163 ENSG00000152128 Layer3-Layer2

tstat 7.12e+00 p 6.75e-10

L3-L2\_r10

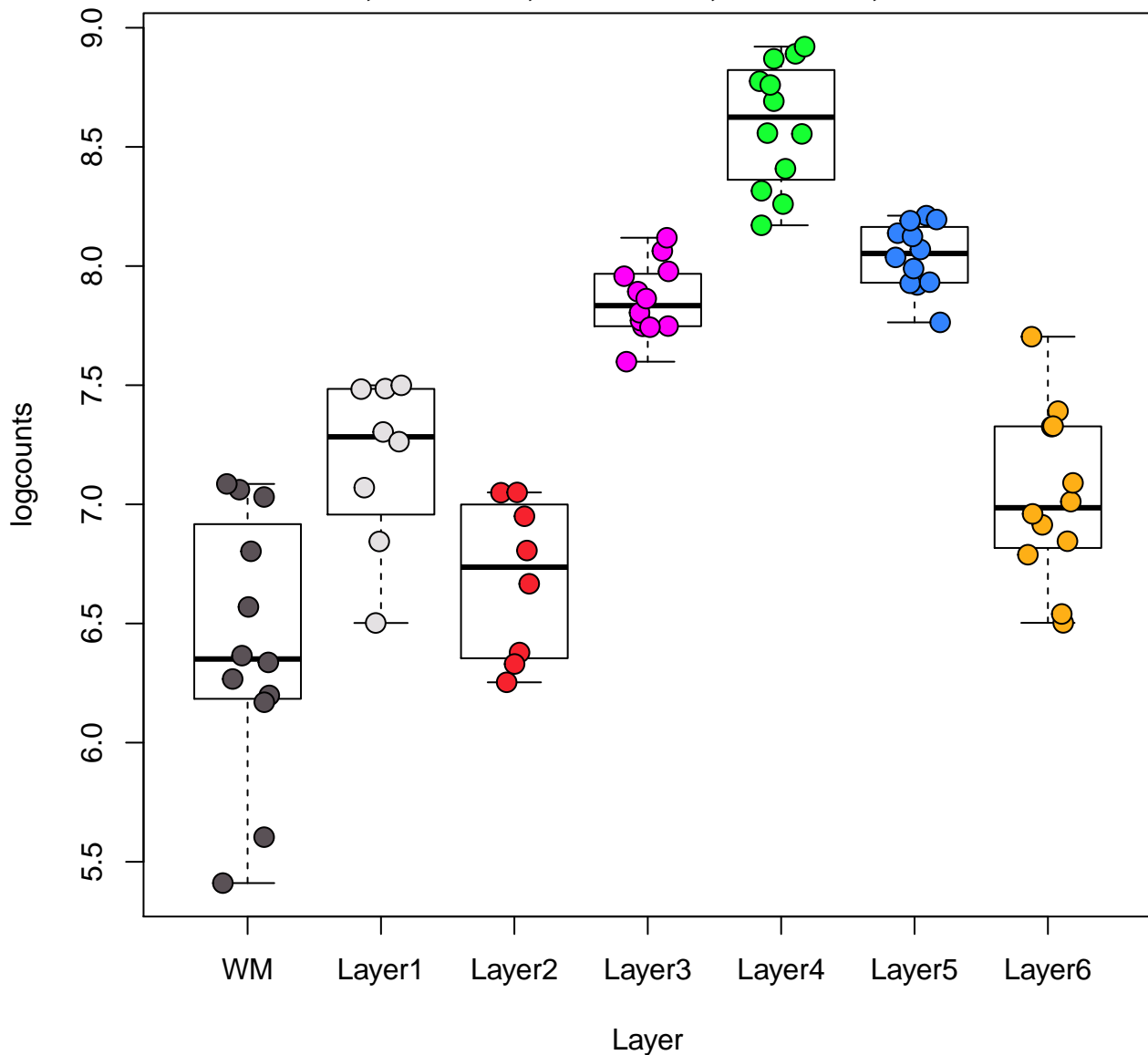




**PVALB ENSG00000100362 Layer4-Layer2**

tstat 1.33e+01 p 4.84e-21

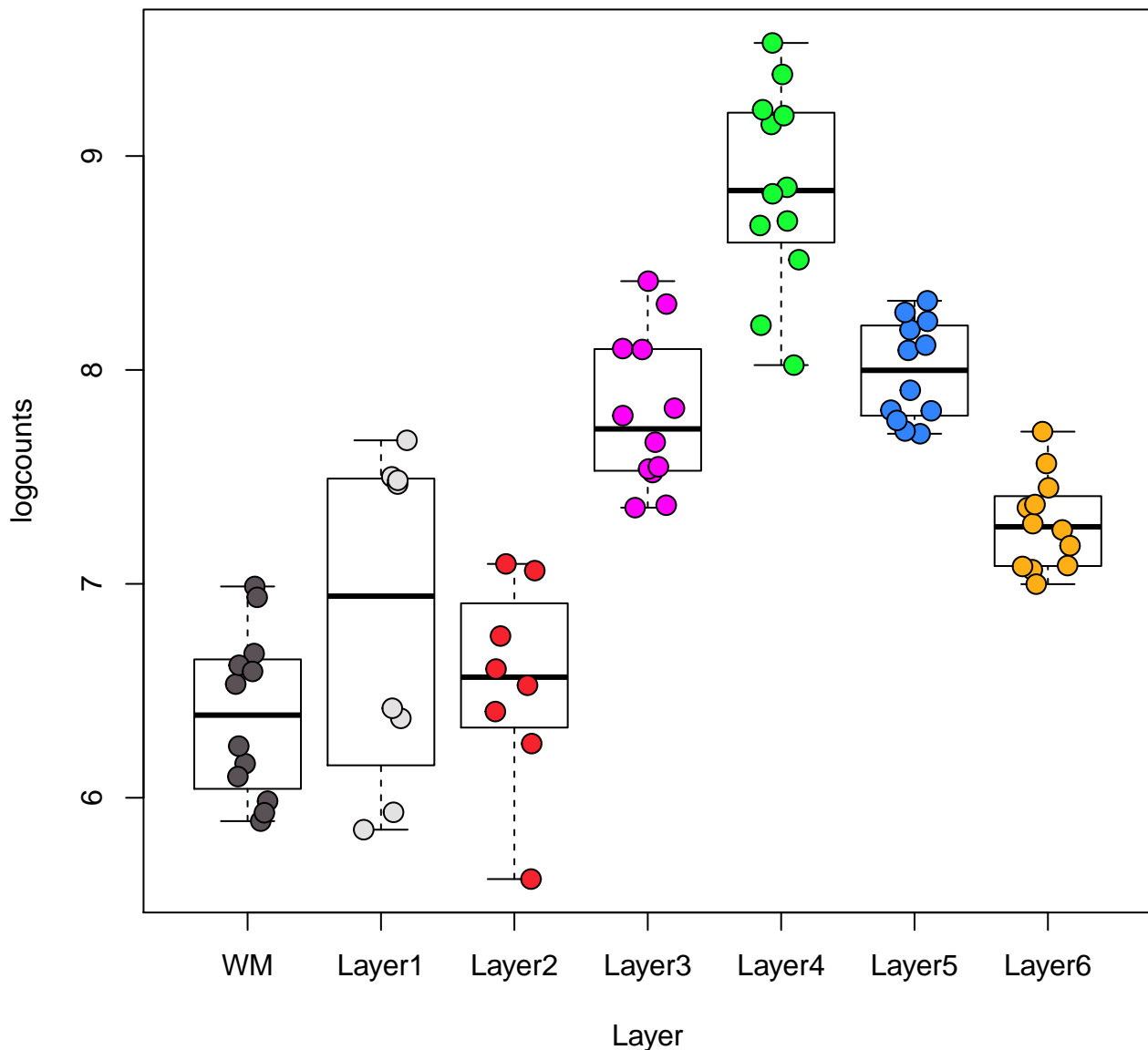
L4\_r7;L4-L6\_r2;L4-WM\_r6;L3-L2\_r2;L4-L2\_r1



# NEFH ENSG00000100285 Layer4-Layer2

tstat 1.32e+01 p 7.96e-21

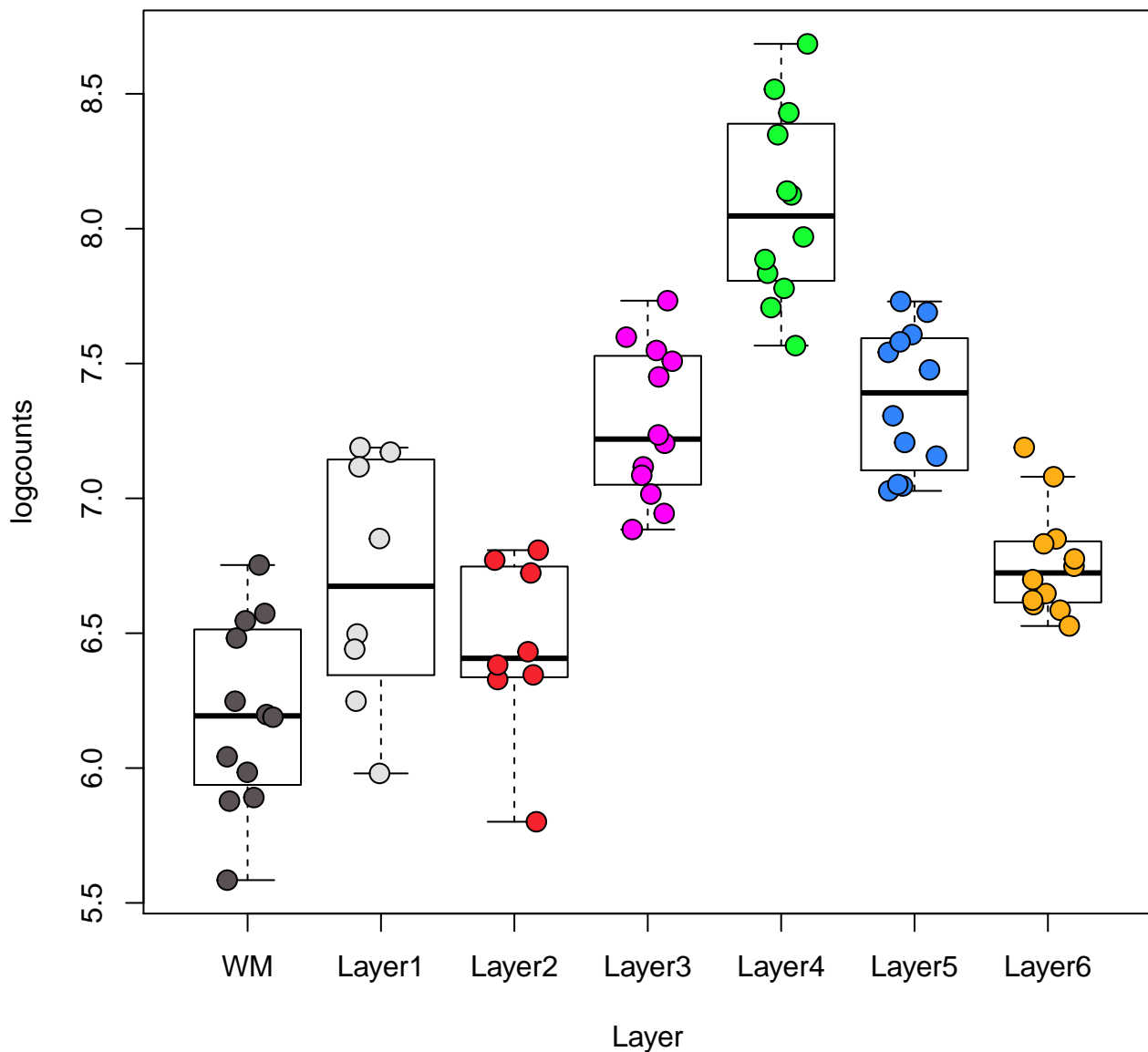
L4\_r3;L4-L1\_r8;L3-L2\_r9;L4-L2\_r2;L4-L3\_r5



# VAMP1 ENSG00000139190 Layer4-Layer2

tstat 1.31e+01 p 1.02e-20

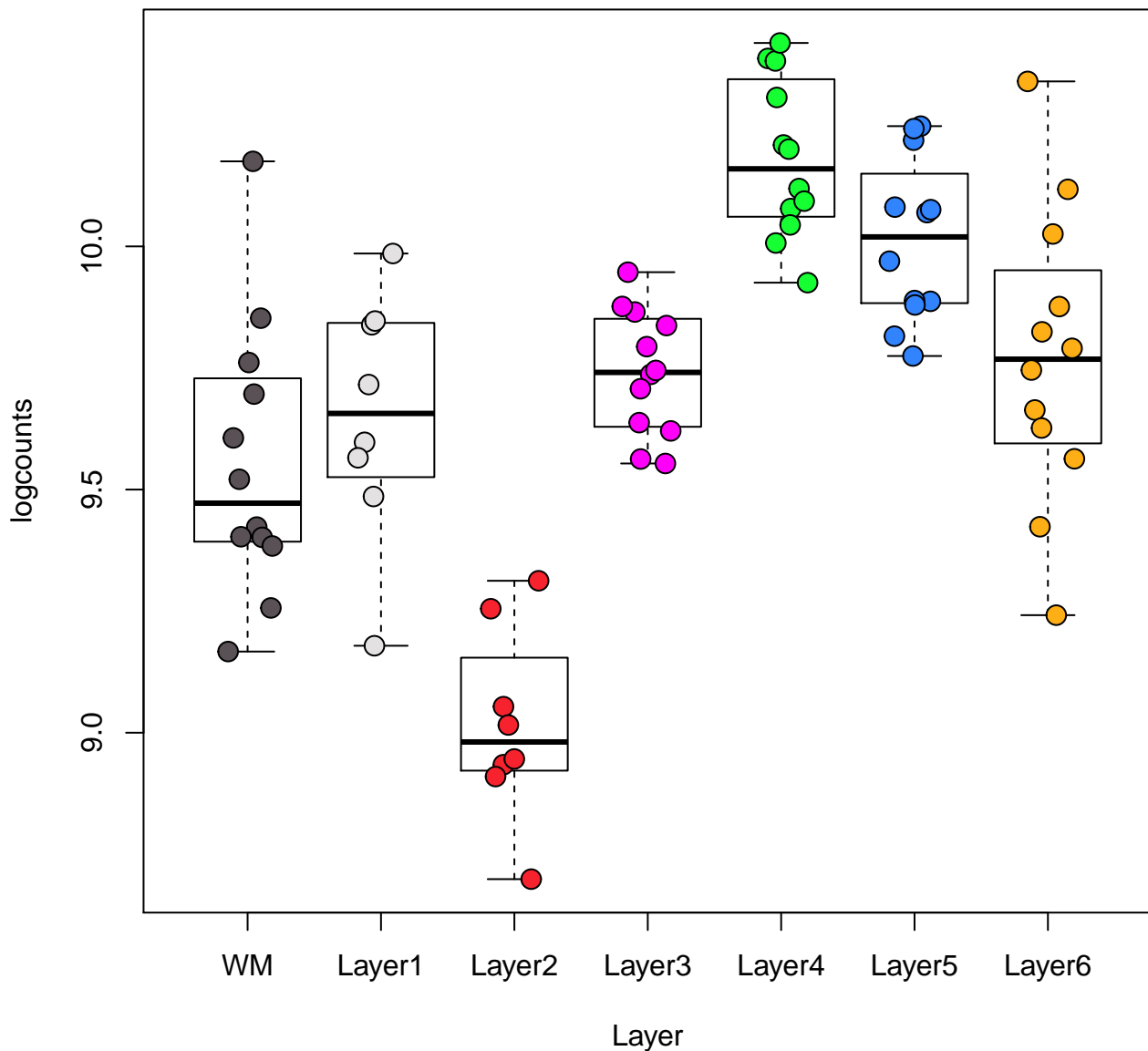
L4\_r1;L4-L6\_r5;L4-WM\_r9;L4-L1\_r9;L4-L2\_r3;L4-L3\_r3



# LGALS1 ENSG00000100097 Layer4-Layer2

tstat 1.26e+01 p 9.28e-20

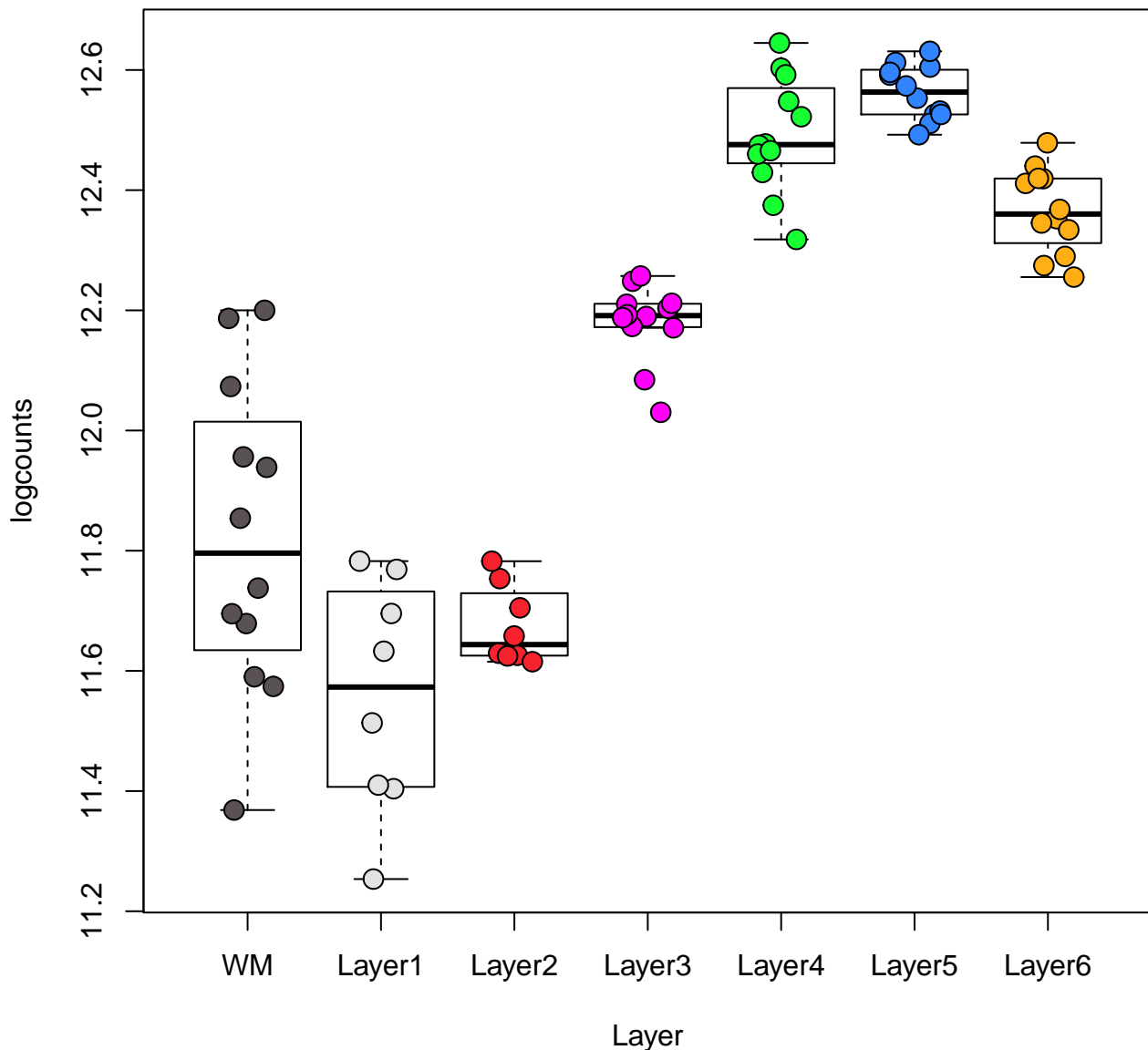
L3-L2\_r5;L4-L2\_r4



TUBA1B ENSG00000123416 Layer4-Layer2

tstat 1.20e+01 p 9.33e-19

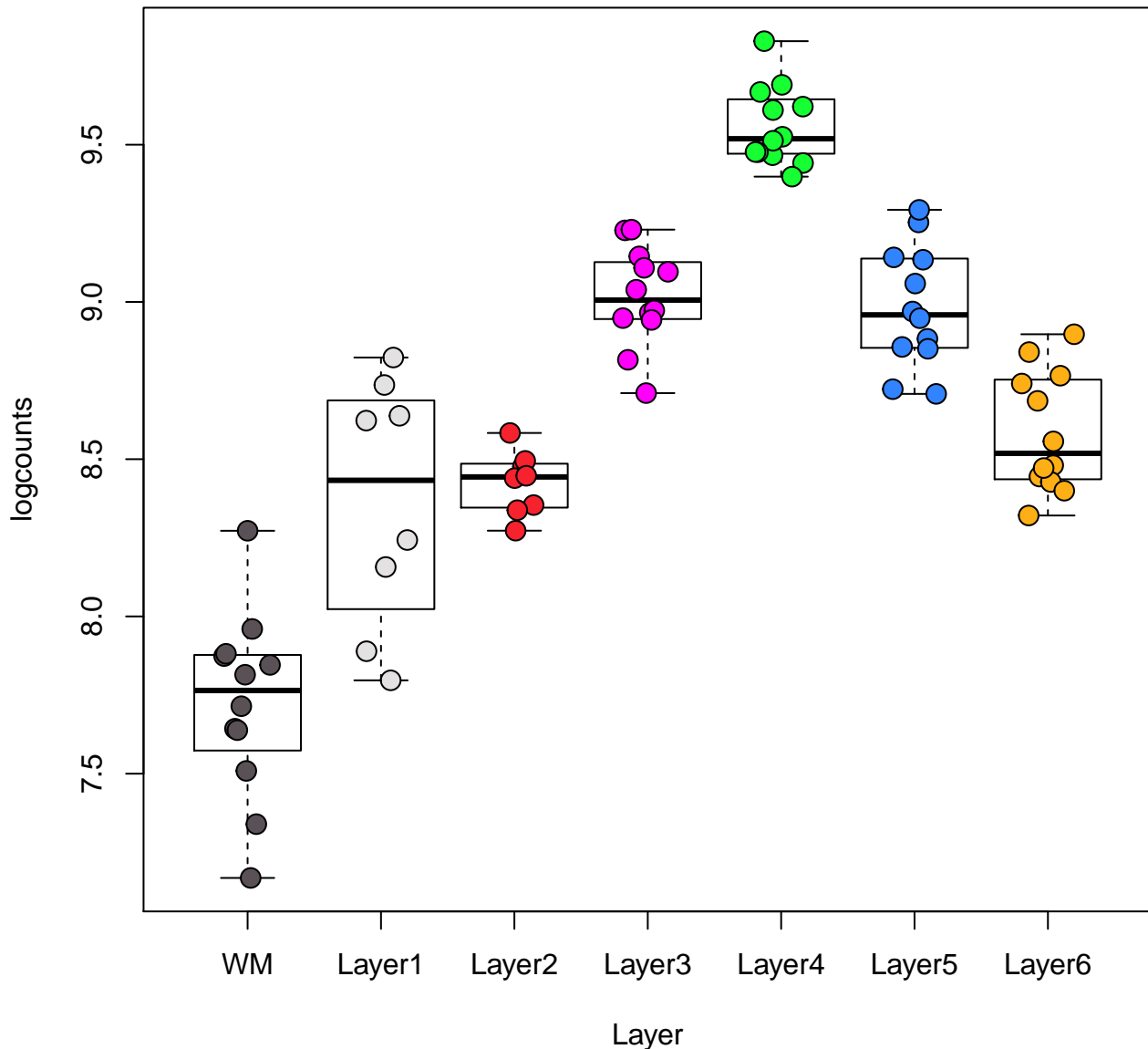
L3-L1\_r10;L4-L1\_r2;L5-L1\_r3;L3-L2\_r7;L4-L2\_r5;L5-L2\_r7



# SCN1B ENSG00000105711 Layer4-Layer2

tstat 1.17e+01 p 3.07e-18

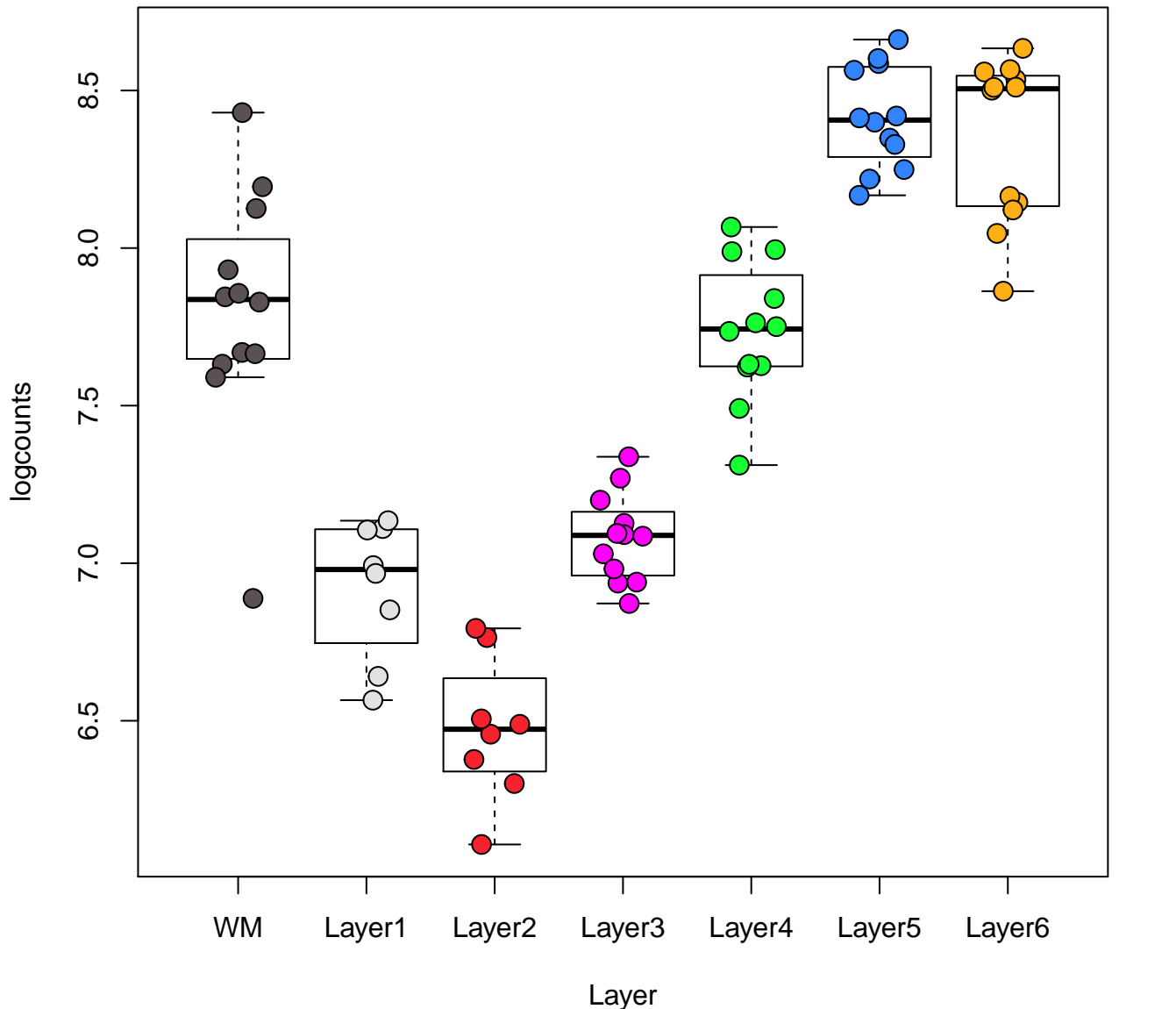
L4\_r5;L4-L5\_r10;L4-L6\_r7;L4-WM\_r1;L4-L1\_r6;L4-L2\_r6;L4-L3\_r10



# EFHD2 ENSG00000142634 Layer4-Layer2

tstat 1.15e+01 p 7.42e-18

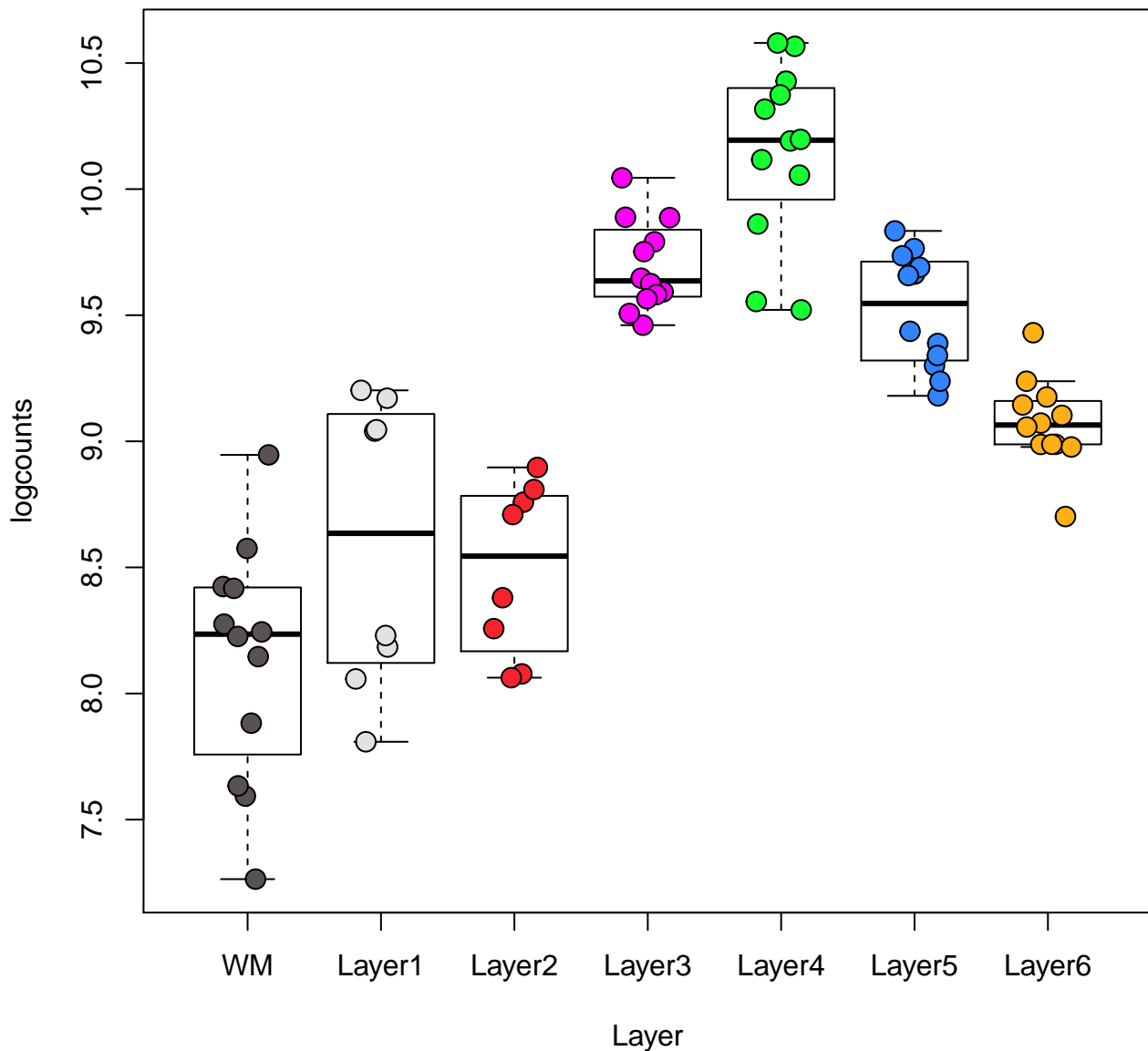
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



# NEFM ENSG00000104722 Layer4-Layer2

tstat 1.15e+01 p 7.61e-18

L4\_r10;L3-L2\_r1;L4-L2\_r8

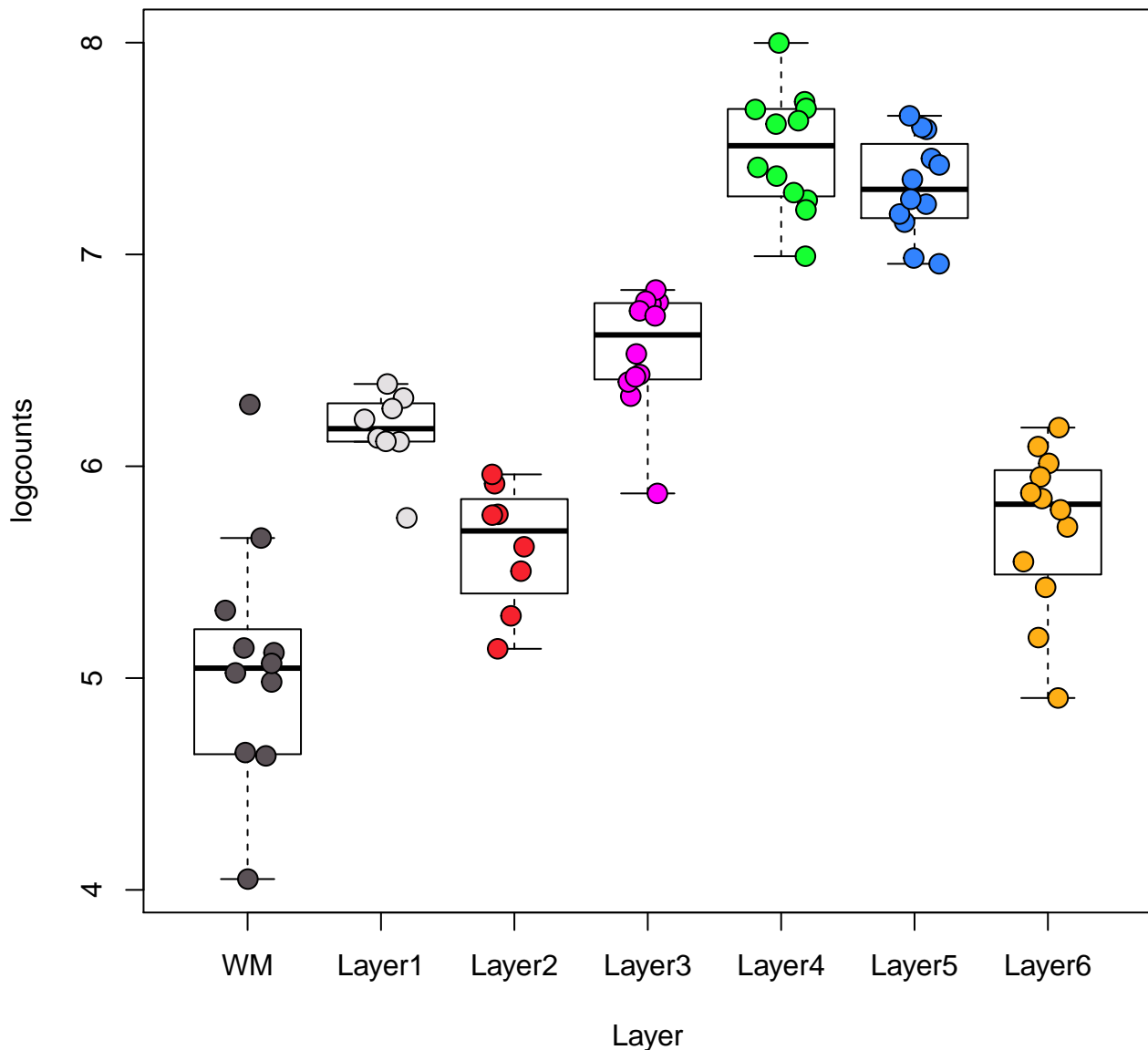




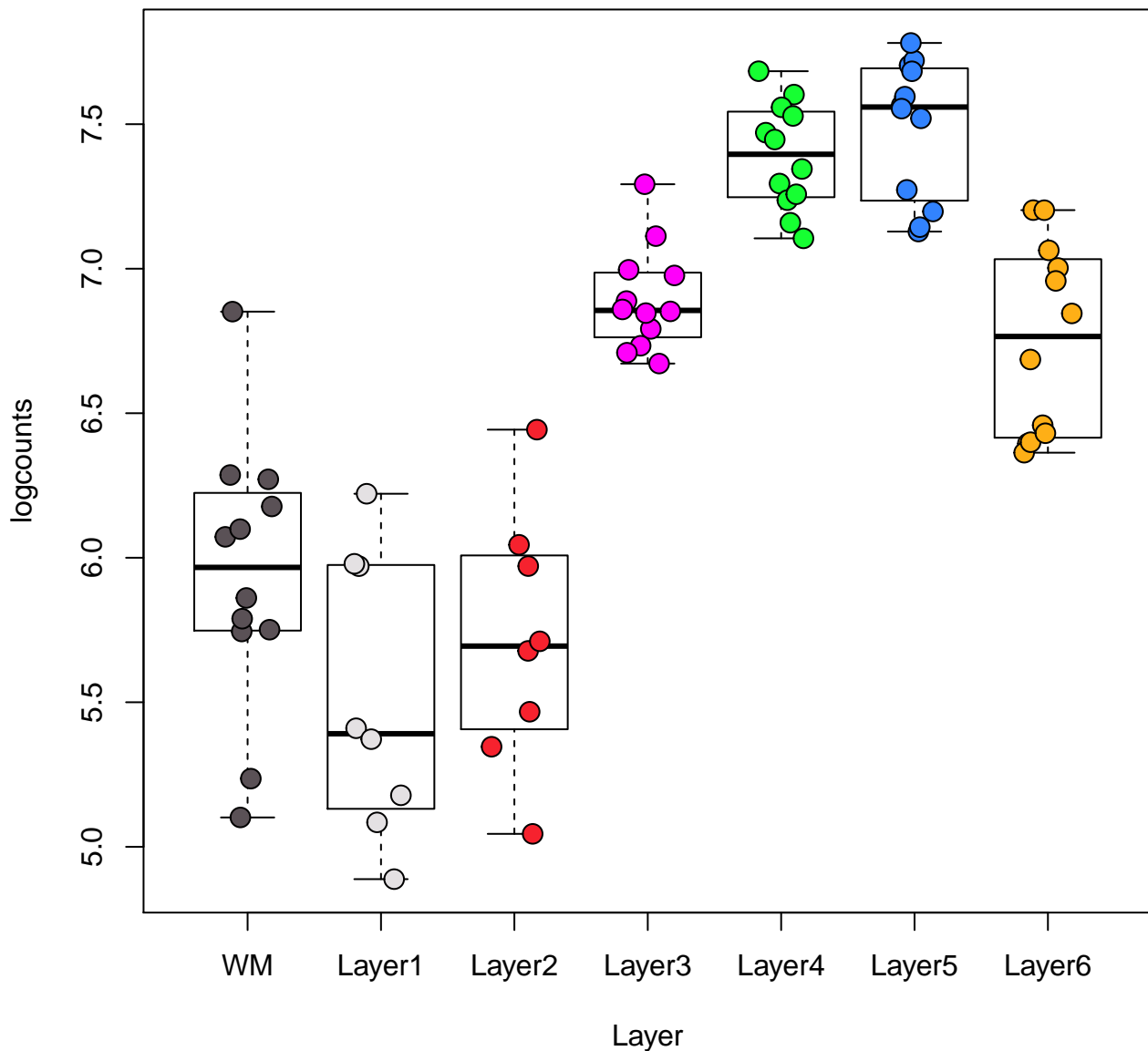
# RORB ENSG00000198963 Layer4-Layer2

tstat 1.13e+01 p 1.41e-17

L4-L6\_r3;L5-L6\_r3;L4-WM\_r4;L5-WM\_r7;L4-L2\_r9;L4-L3\_r6



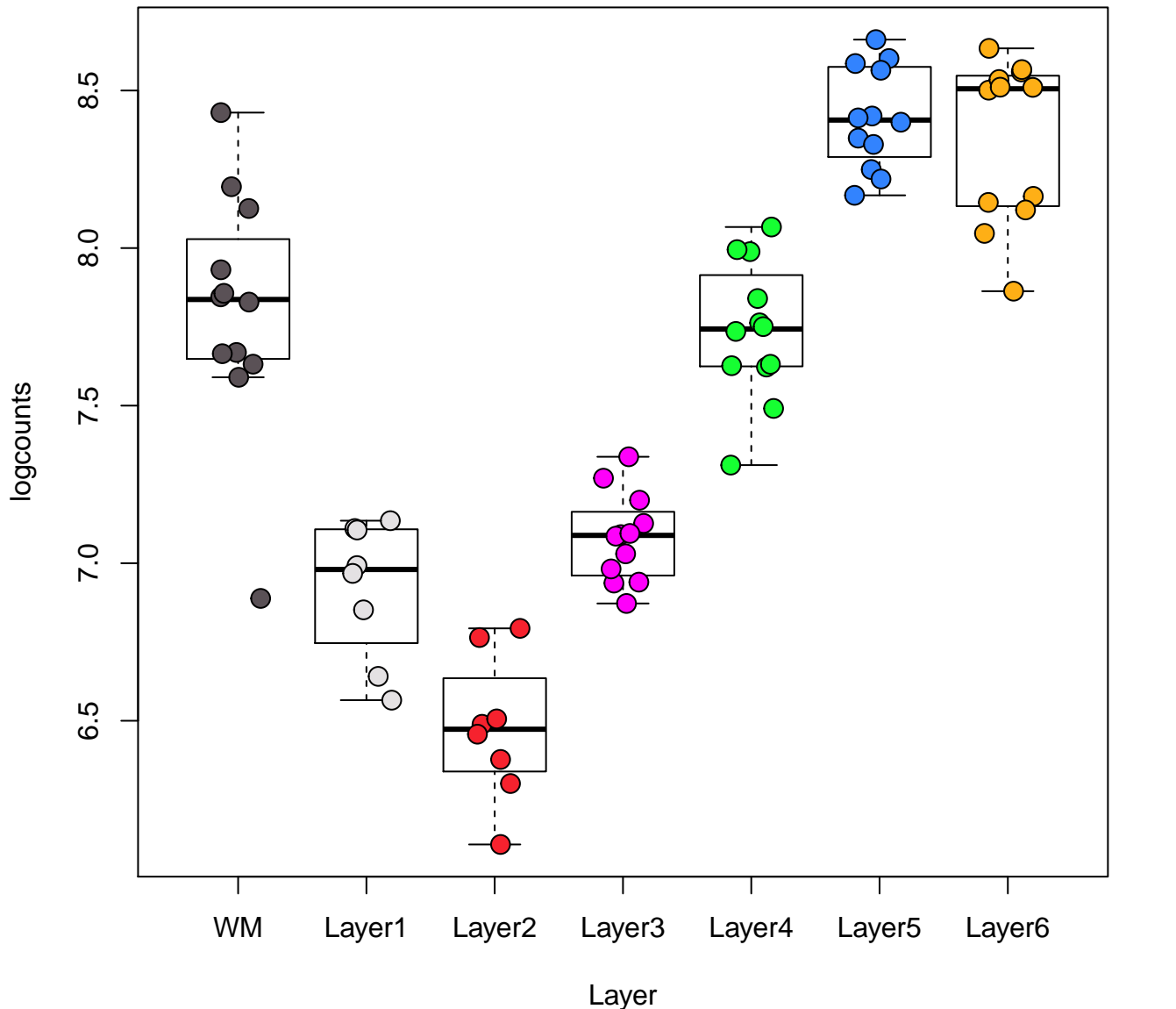
**NEUROD6 ENSG00000164600 Layer4-Layer2**  
**tstat 1.11e+01 p 3.23e-17**  
**L3-L1\_r9;L4-L1\_r3;L3-L2\_r6;L4-L2\_r10;L5-L2\_r10**



# EFHD2 ENSG00000142634 Layer5-Layer2

tstat 1.79e+01 p 4.87e-28

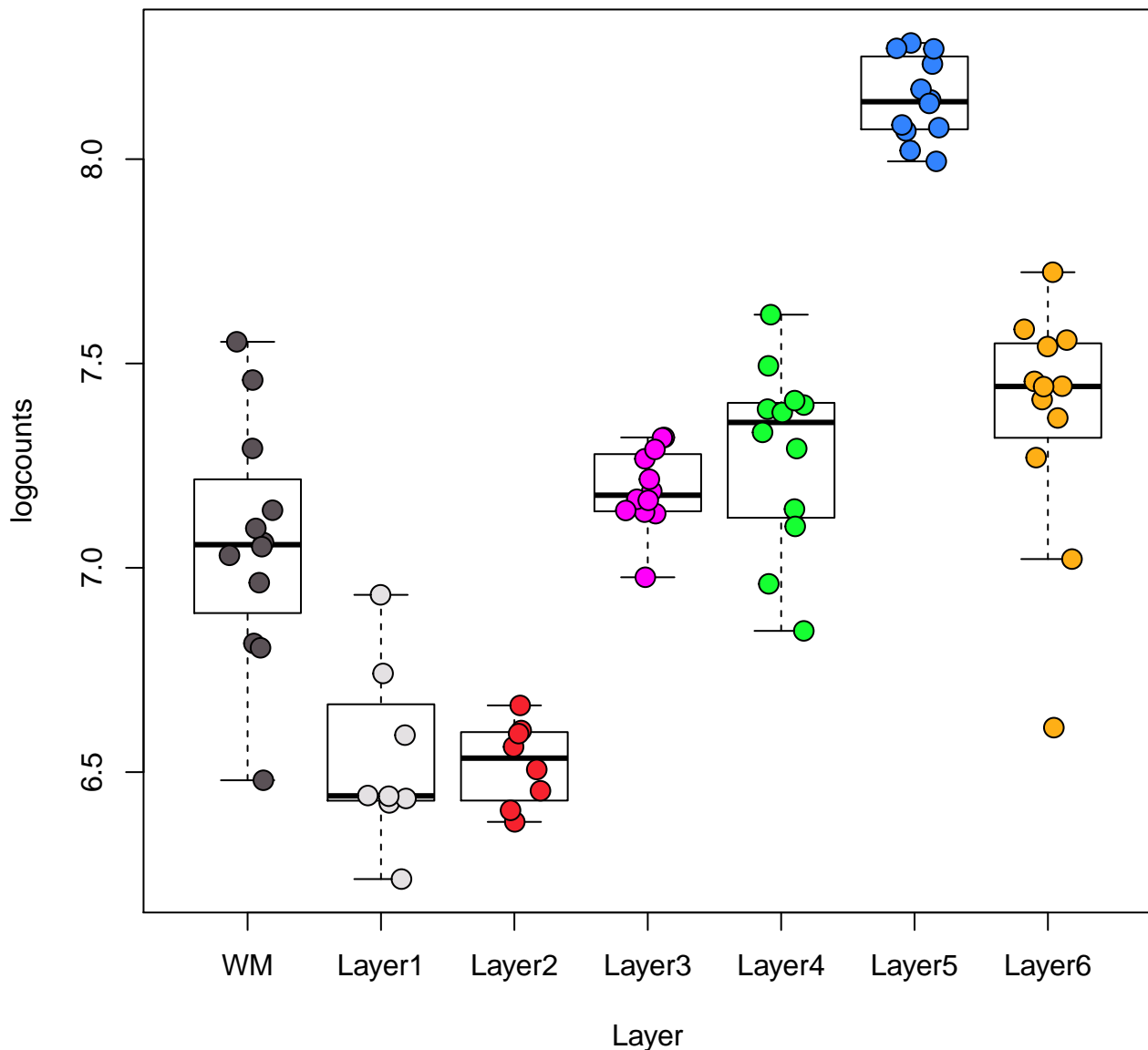
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



**CAMK2D ENSG00000145349 Layer5-Layer2**

**tstat 1.63e+01 p 9.43e-26**

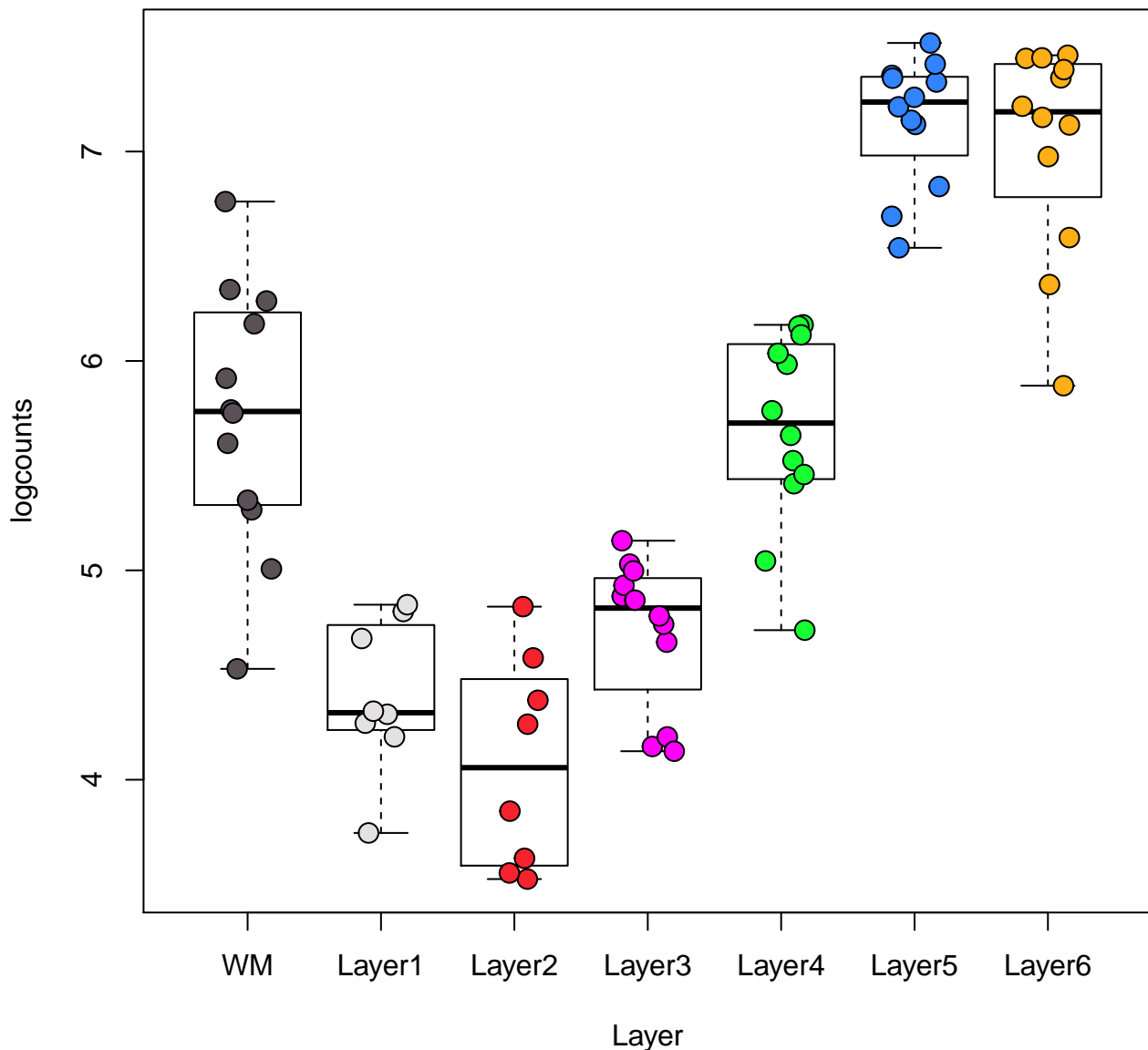
**L5\_r2;L5-L6\_r8;L5-L1\_r2;L5-L2\_r2;L5-L4\_r2**



# HS3ST2 ENSG00000122254 Layer5-Layer2

tstat 1.60e+01 p 2.21e-25

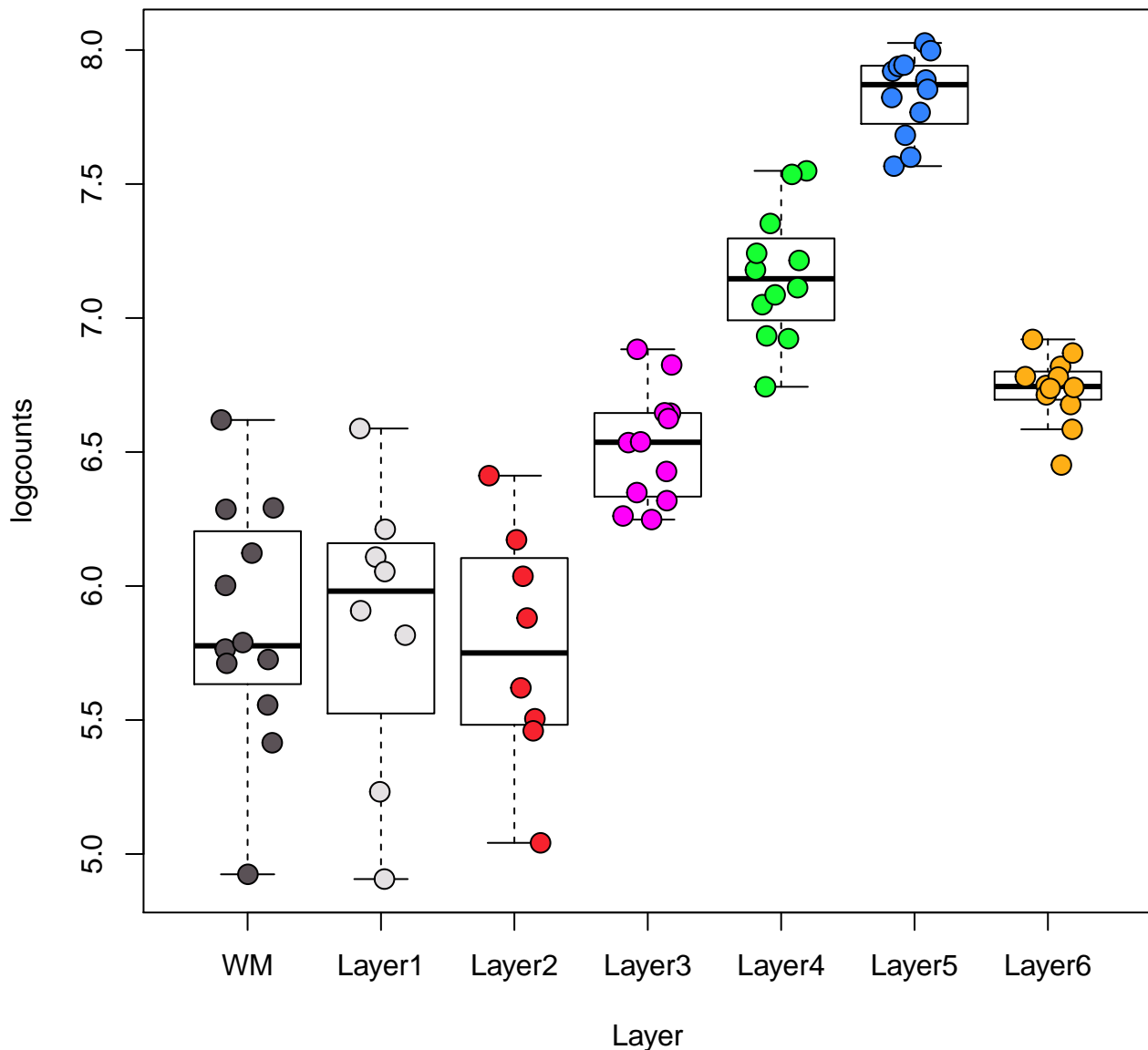
L5-L1\_r5;L6-L1\_r6;L5-L2\_r3;L6-L2\_r3;L5-L3\_r2;L6-L3\_r6;L5-L4\_r5



# SMYD2 ENSG00000143499 Layer5-Layer2

tstat 1.48e+01 p 2.03e-23

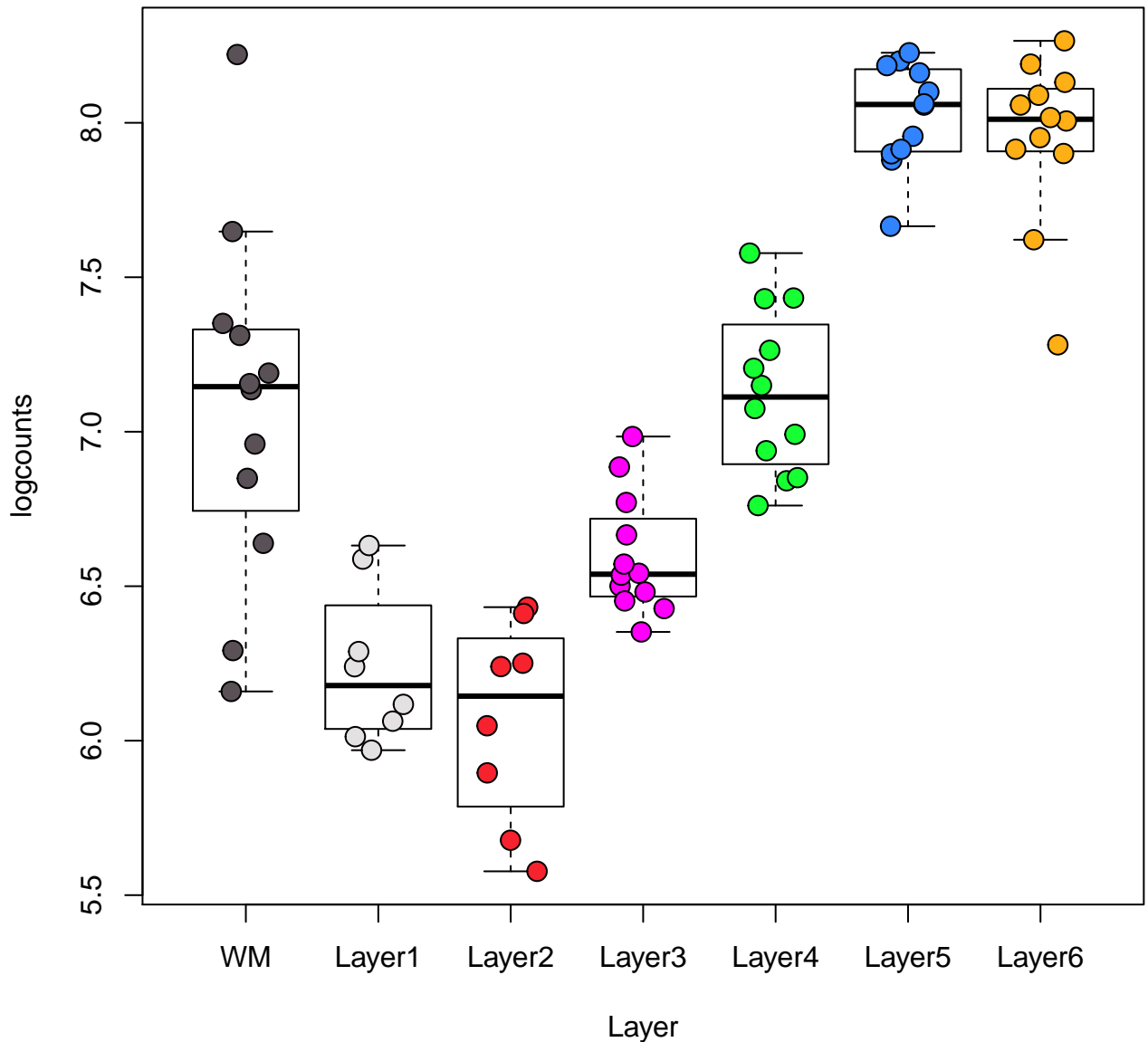
L5\_r3;L5-L6\_r7;L5-WM\_r8;L5-L1\_r6;L5-L2\_r4



# CLSTN2 ENSG00000158258 Layer5-Layer2

tstat 1.45e+01 p 4.76e-23

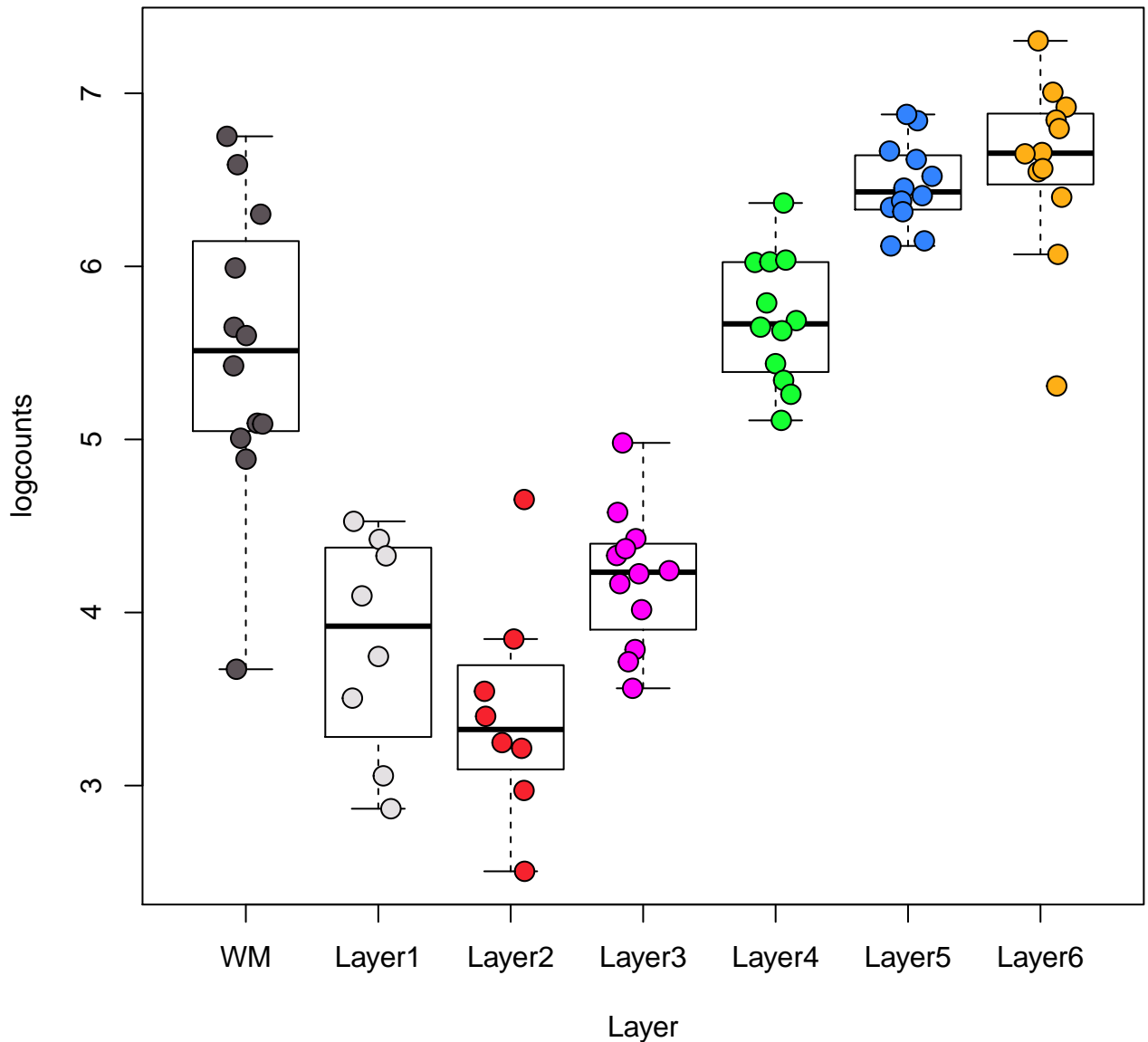
L6-L1\_r10;L5-L2\_r5;L6-L2\_r4;L5-L3\_r5



# RXFP1 ENSG00000171509 Layer5-Layer2

tstat 1.33e+01 p 5.21e-21

L5-L2\_r6;L6-L2\_r6;L4-L3\_r1;L5-L3\_r8

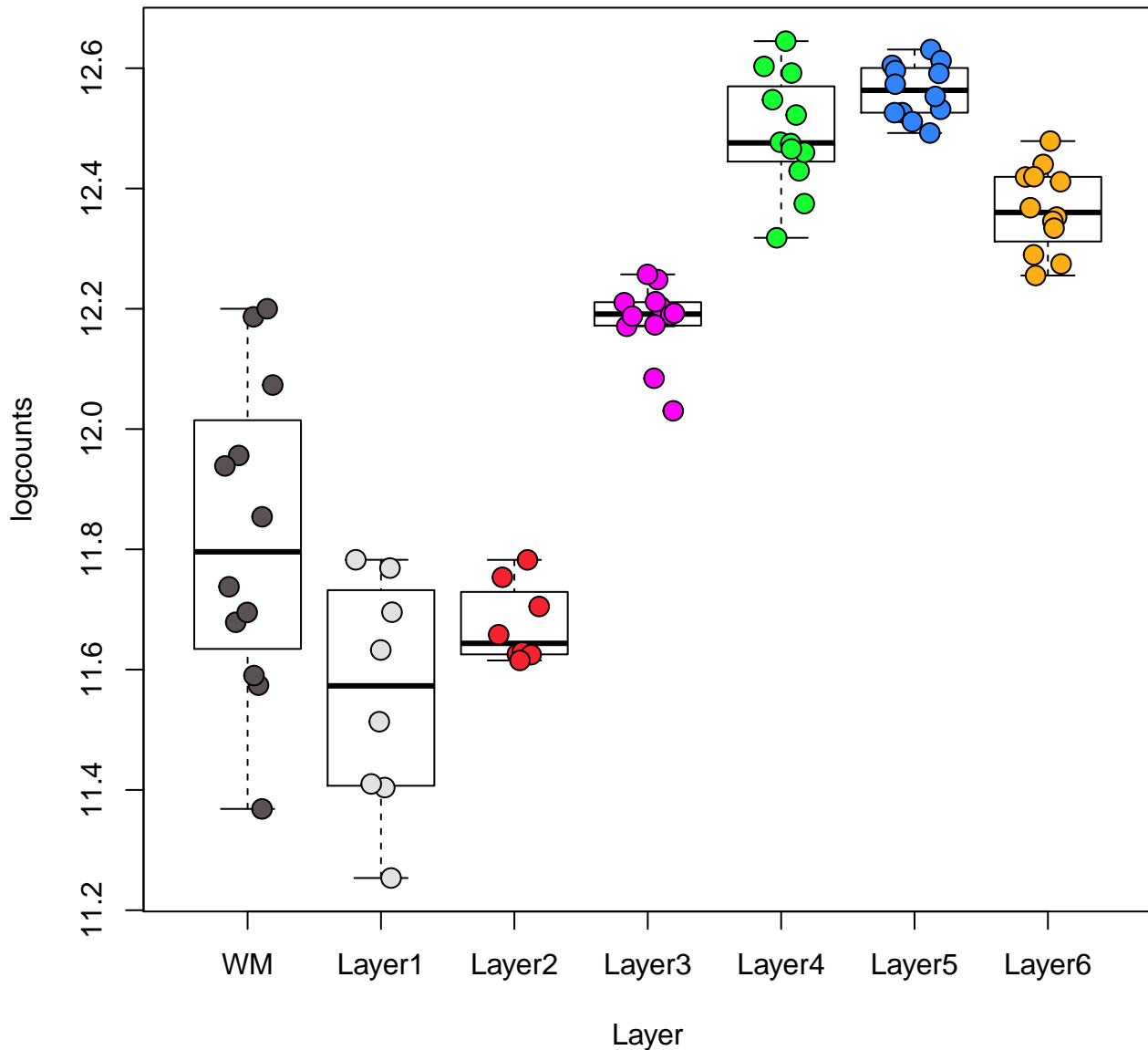




TUBA1B ENSG00000123416 Layer5-Layer2

tstat 1.30e+01 p 1.56e-20

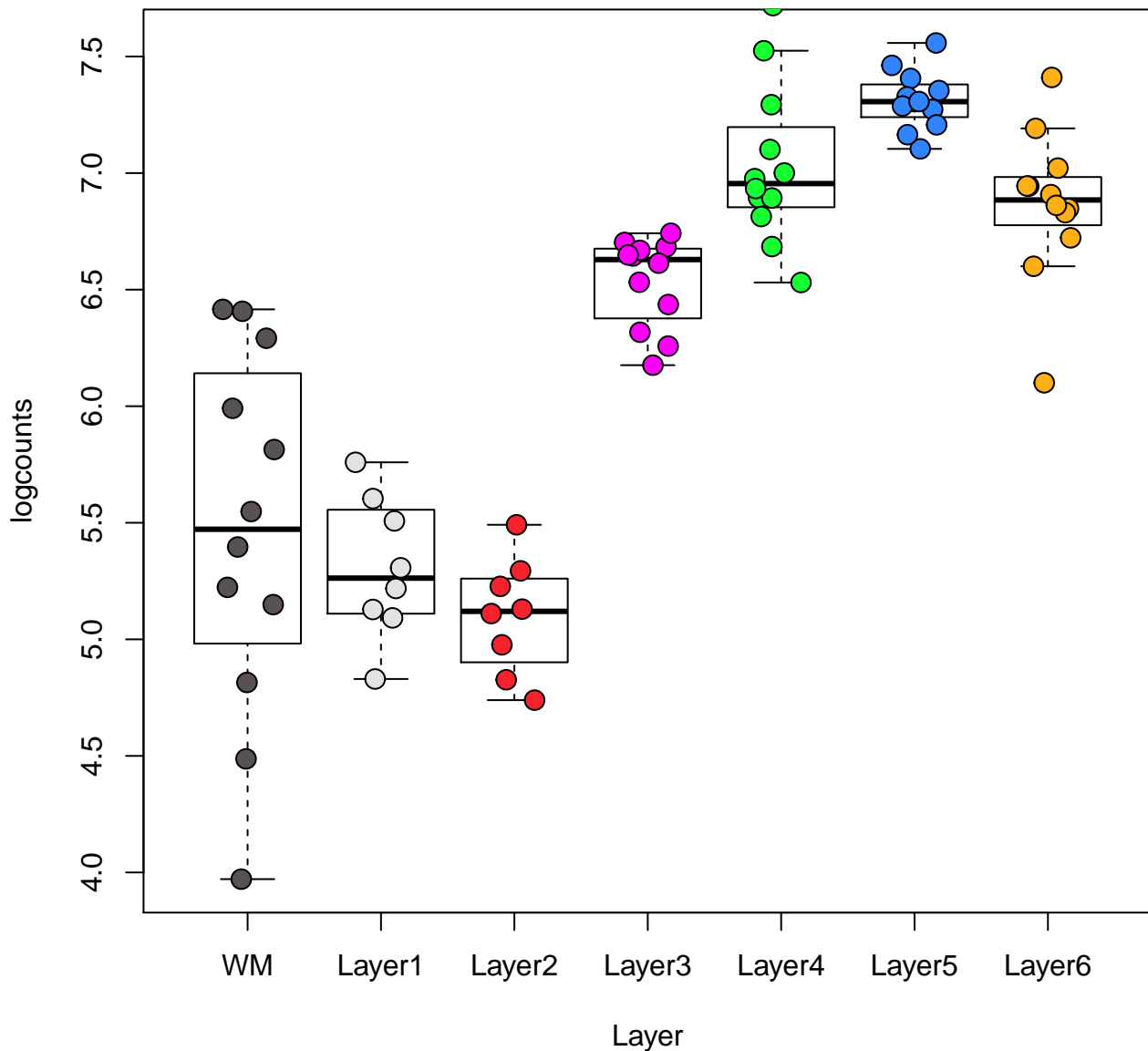
L3-L1\_r10;L4-L1\_r2;L5-L1\_r3;L3-L2\_r7;L4-L2\_r5;L5-L2\_r7



# PCSK1 ENSG00000175426 Layer5-Layer2

tstat 1.24e+01 p 2.02e-19

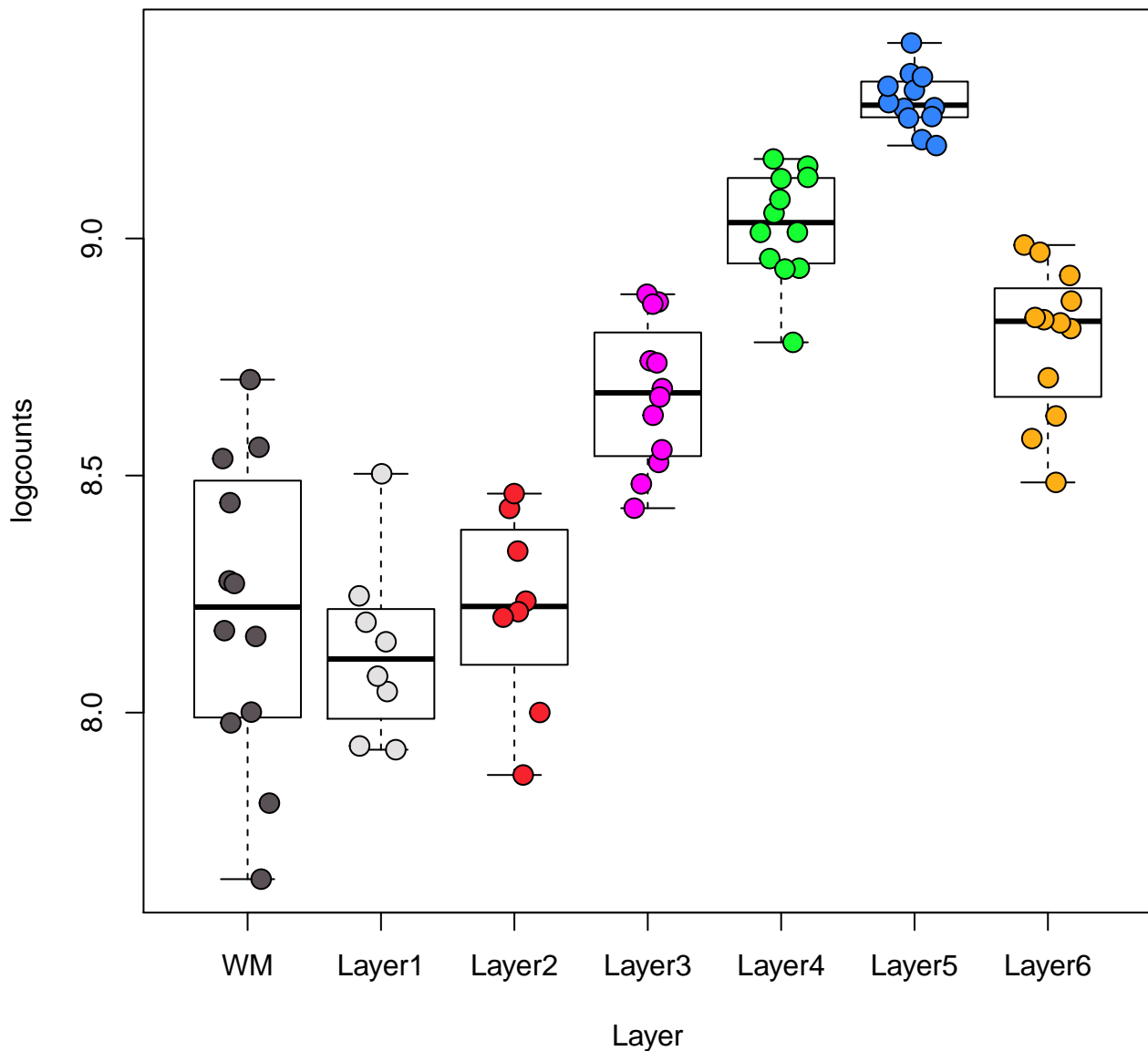
L3-L2\_r3;L5-L2\_r8



# PFKP ENSG00000067057 Layer5-Layer2

tstat  $1.21 \times 10^1$  p  $5.66 \times 10^{-19}$

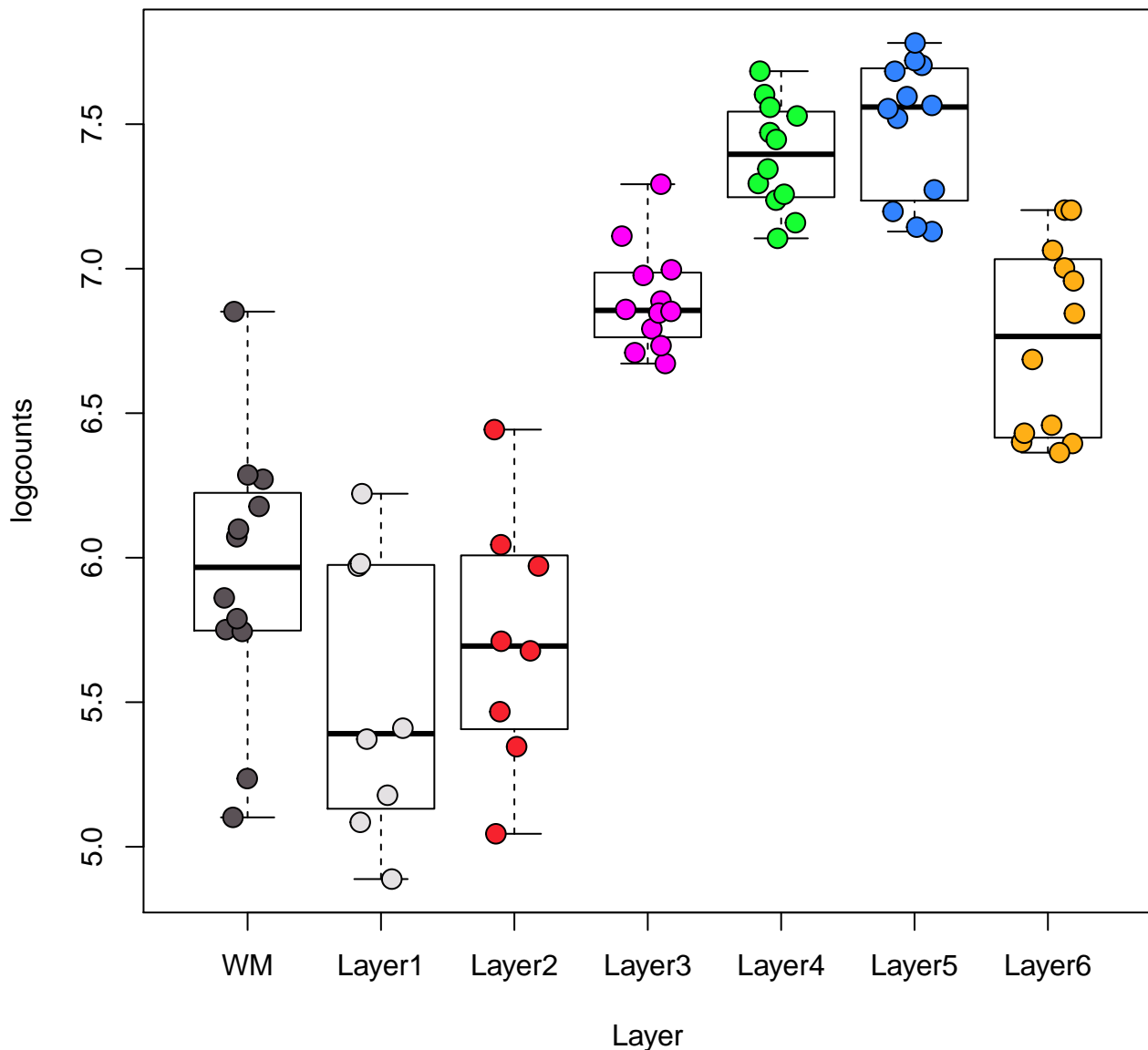
L5-L2\_r9



# NEUROD6 ENSG00000164600 Layer5-Layer2

tstat 1.18e+01 p 2.18e-18

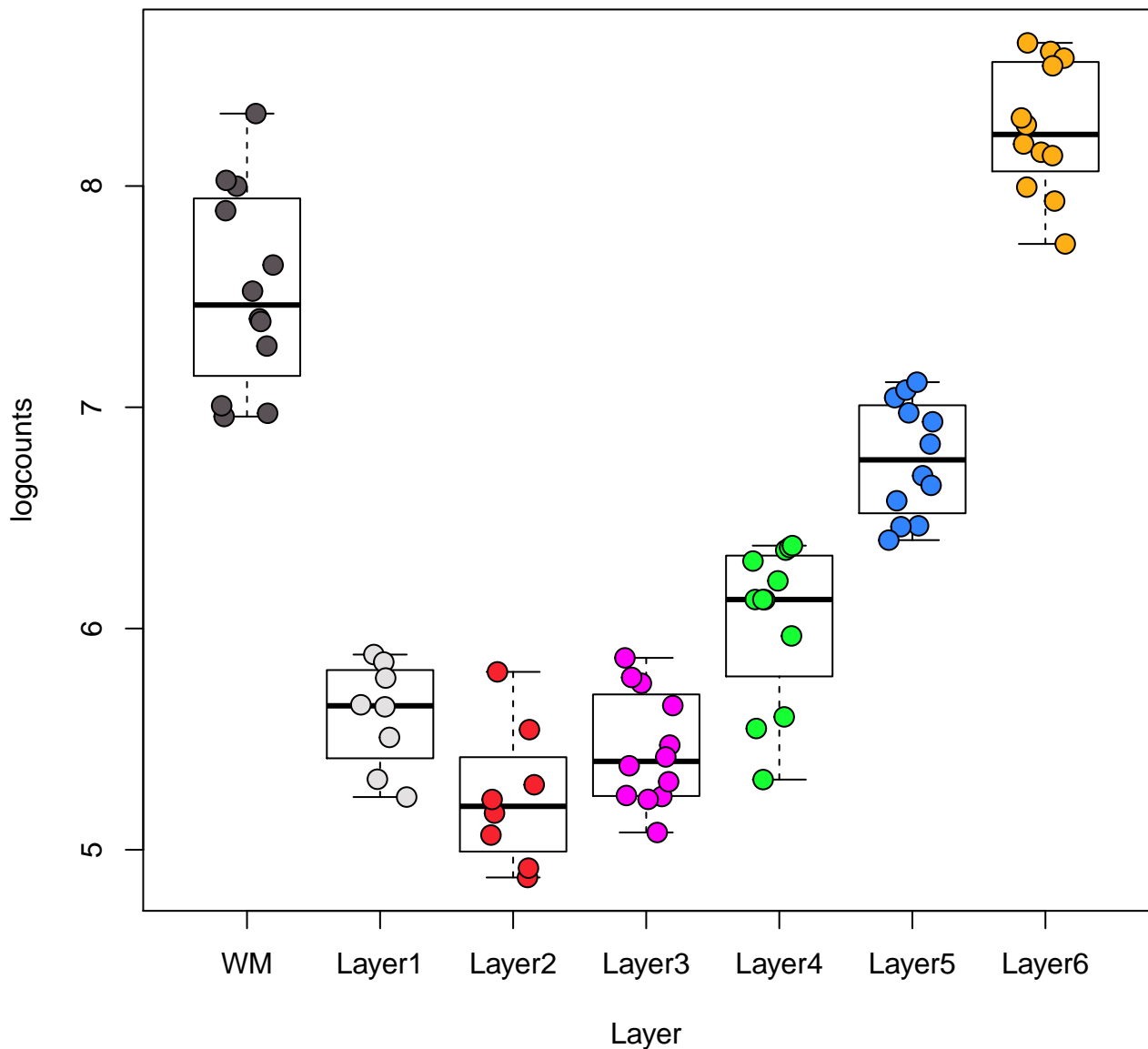
L3-L1\_r9;L4-L1\_r3;L3-L2\_r6;L4-L2\_r10;L5-L2\_r10



# KRT17 ENSG00000128422 Layer6-Layer2

tstat 2.09e+01 p 4.23e-32

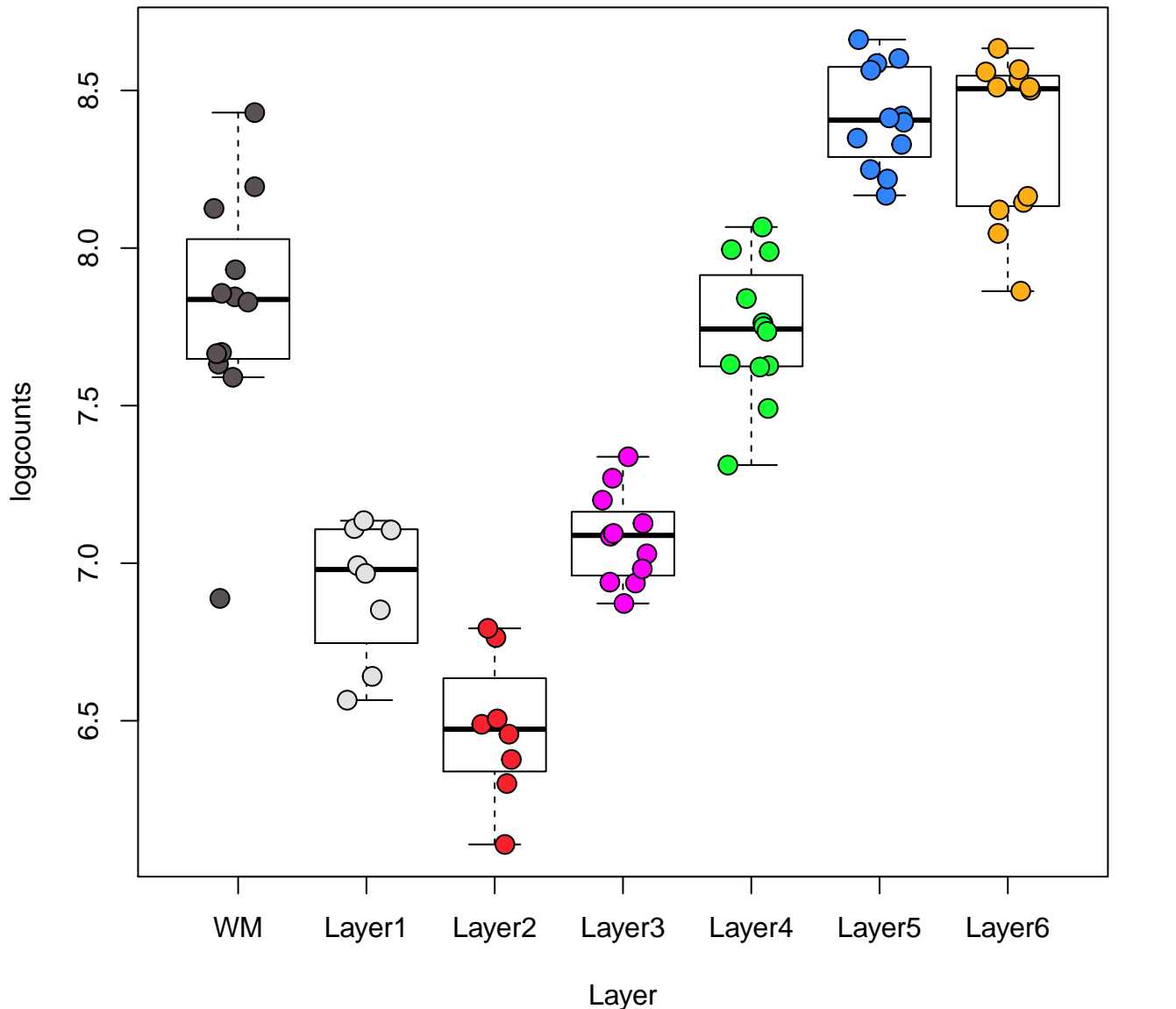
L6\_r9;L6-L1\_r1;L6-L2\_r1;L6-L3\_r1;L6-L4\_r1;L6-L5\_r1



# EFHD2 ENSG00000142634 Layer6-Layer2

tstat 1.72e+01 p 3.93e-27

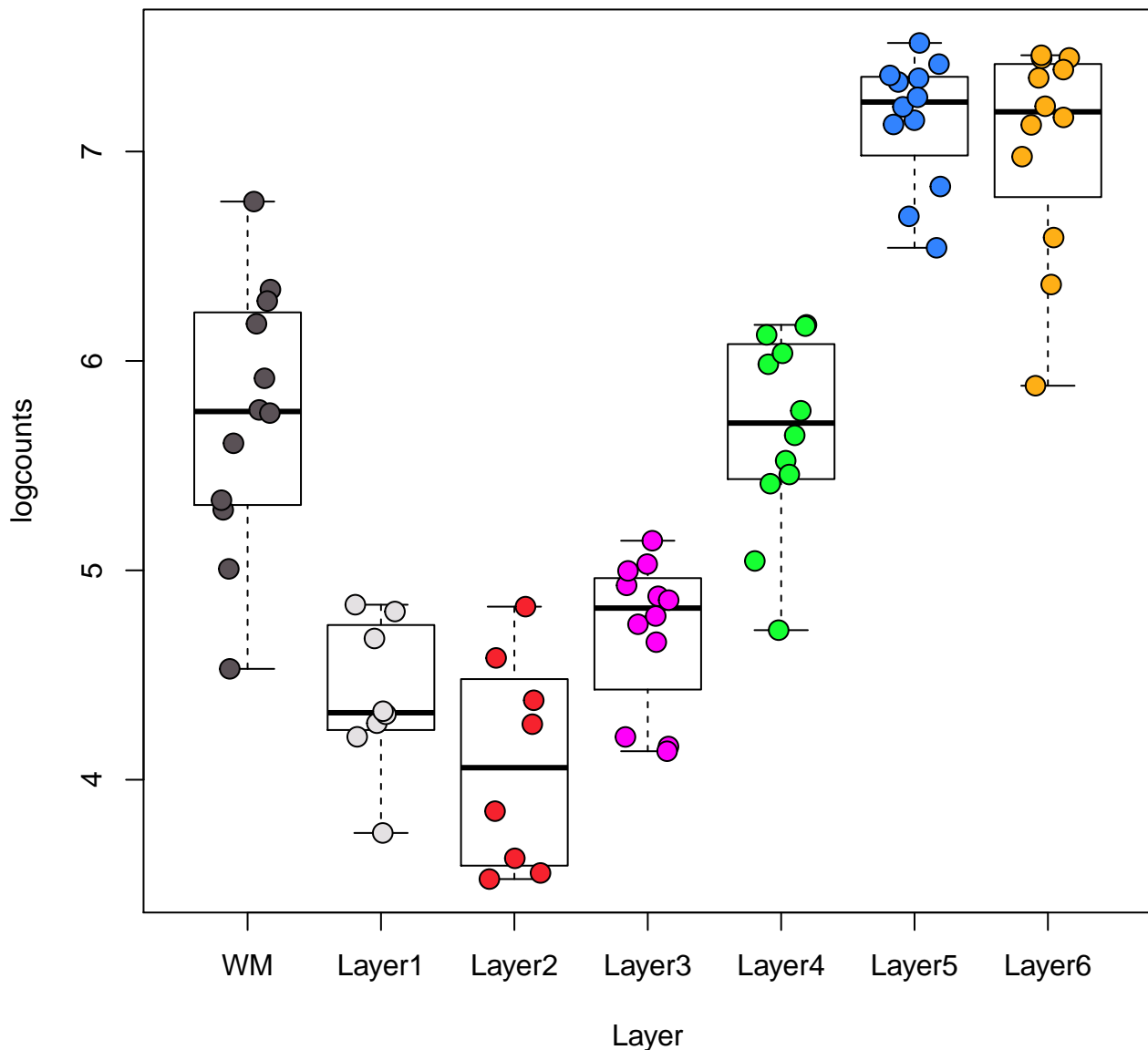
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



HS3ST2 ENSG00000122254 Layer6-Layer2

tstat 1.54e+01 p 1.94e-24

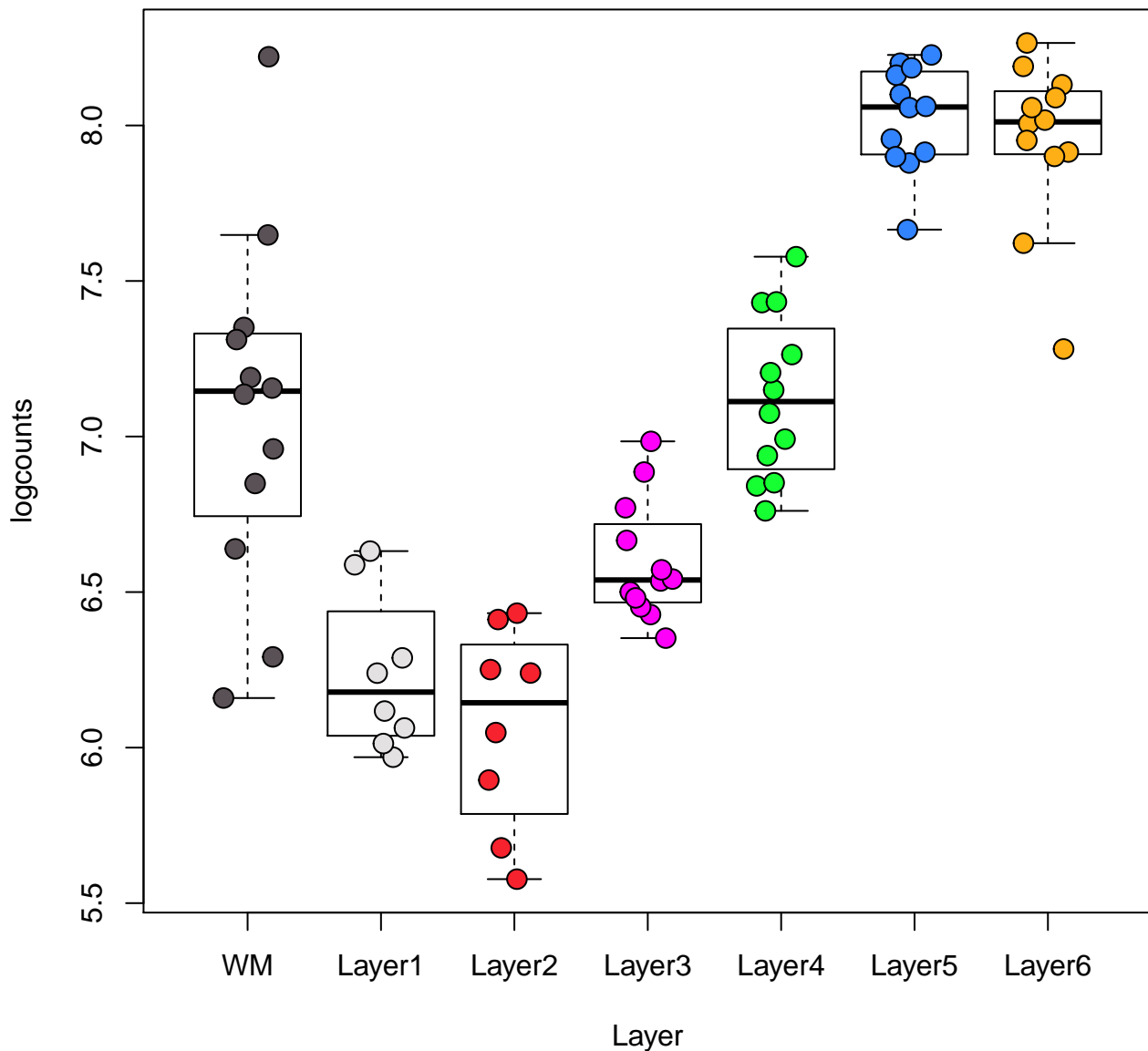
L5-L1\_r5;L6-L1\_r6;L5-L2\_r3;L6-L2\_r3;L5-L3\_r2;L6-L3\_r6;L5-L4\_r5



# CLSTN2 ENSG00000158258 Layer6-Layer2

tstat 1.40e+01 p 3.75e-22

L6-L1\_r10;L5-L2\_r5;L6-L2\_r4;L5-L3\_r5

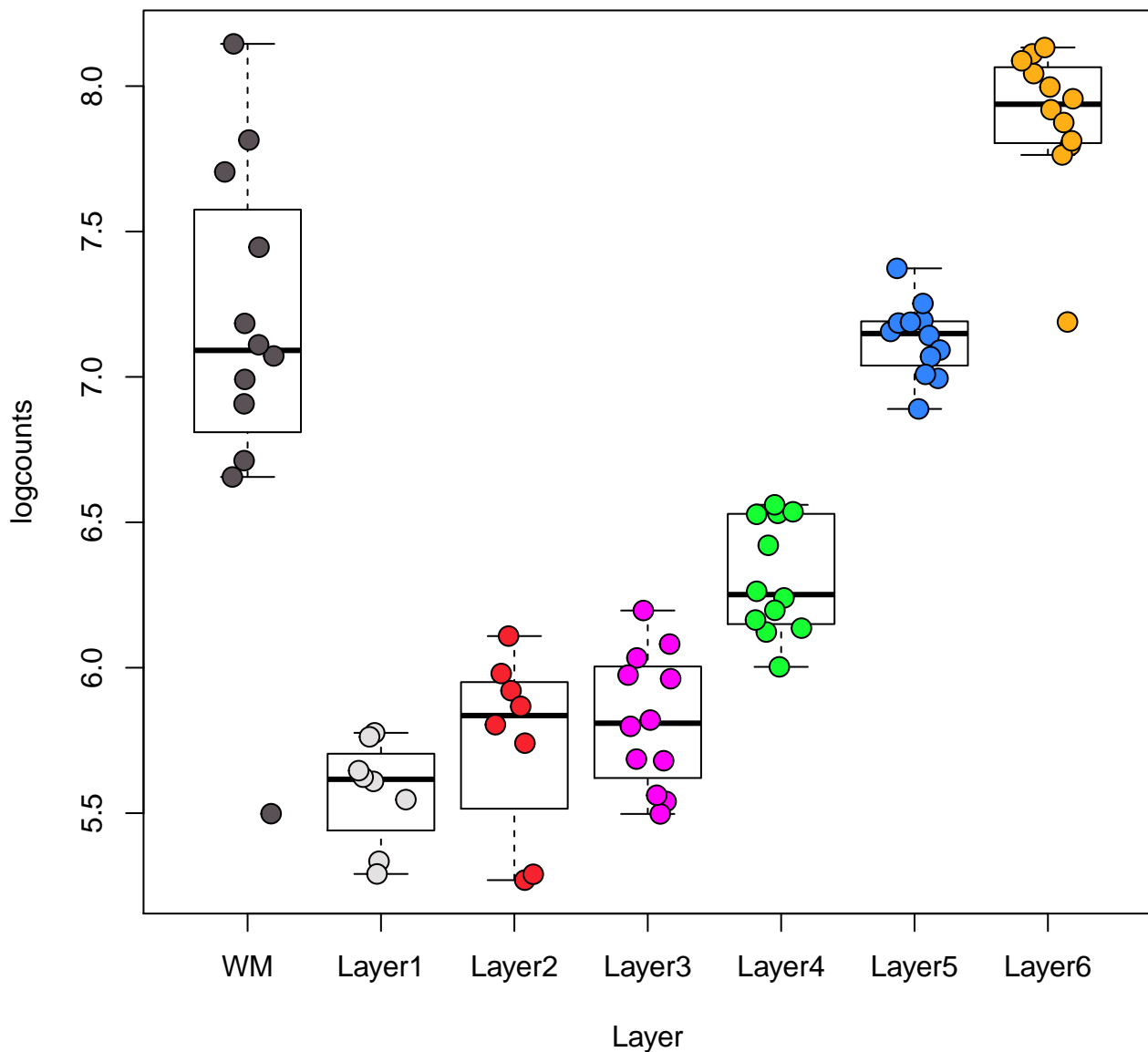




# B3GALT2 ENSG00000162630 Layer6-Layer2

tstat 1.39e+01 p 4.48e-22

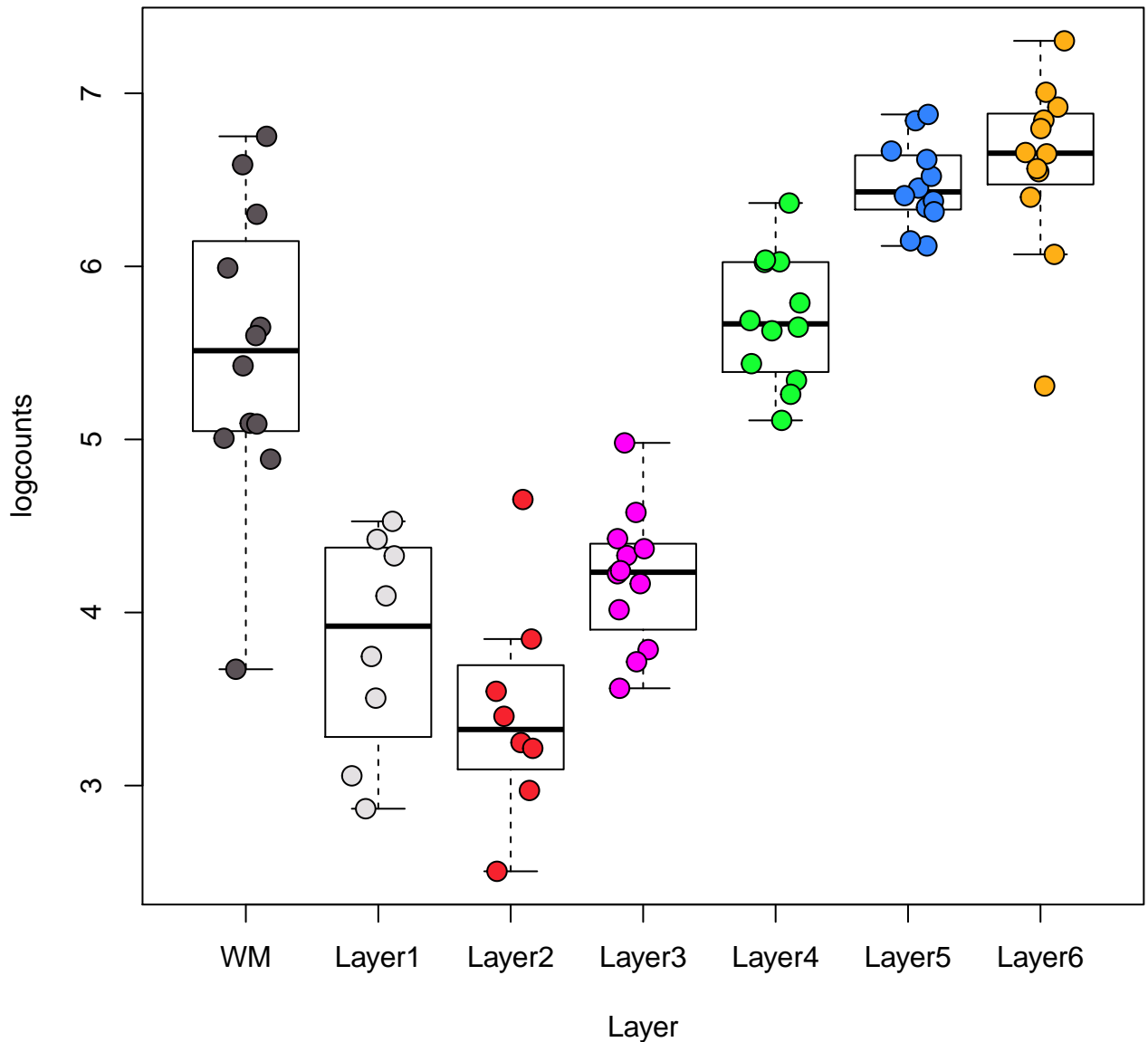
L6-L1\_r2;L6-L2\_r5;L6-L3\_r3;L6-L4\_r9



# RXFP1 ENSG00000171509 Layer6-Layer2

tstat 1.38e+01 p 7.26e-22

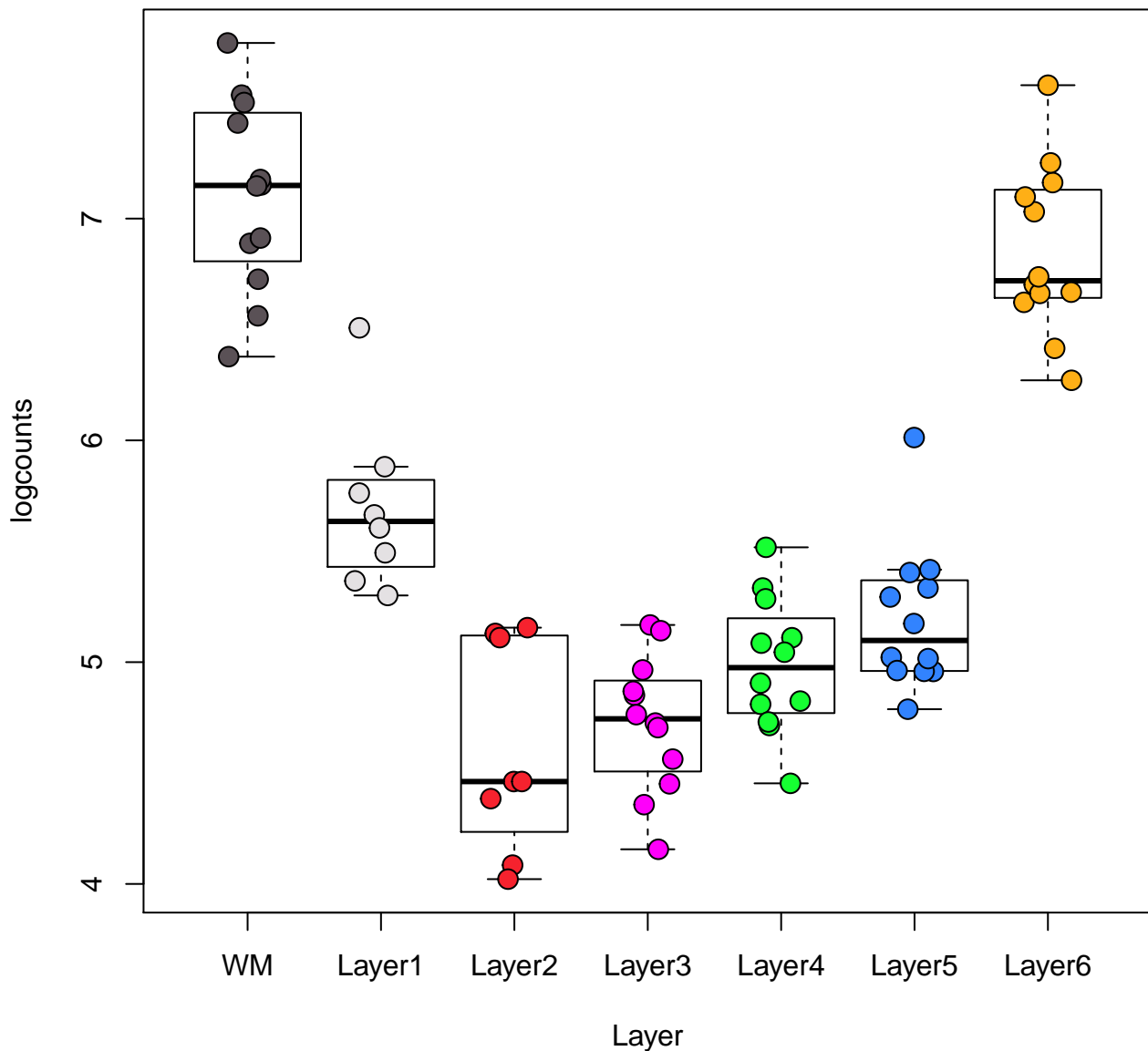
L5-L2\_r6;L6-L2\_r6;L4-L3\_r1;L5-L3\_r8



# CTGF ENSG00000118523 Layer6-Layer2

tstat 1.34e+01 p 4.25e-21

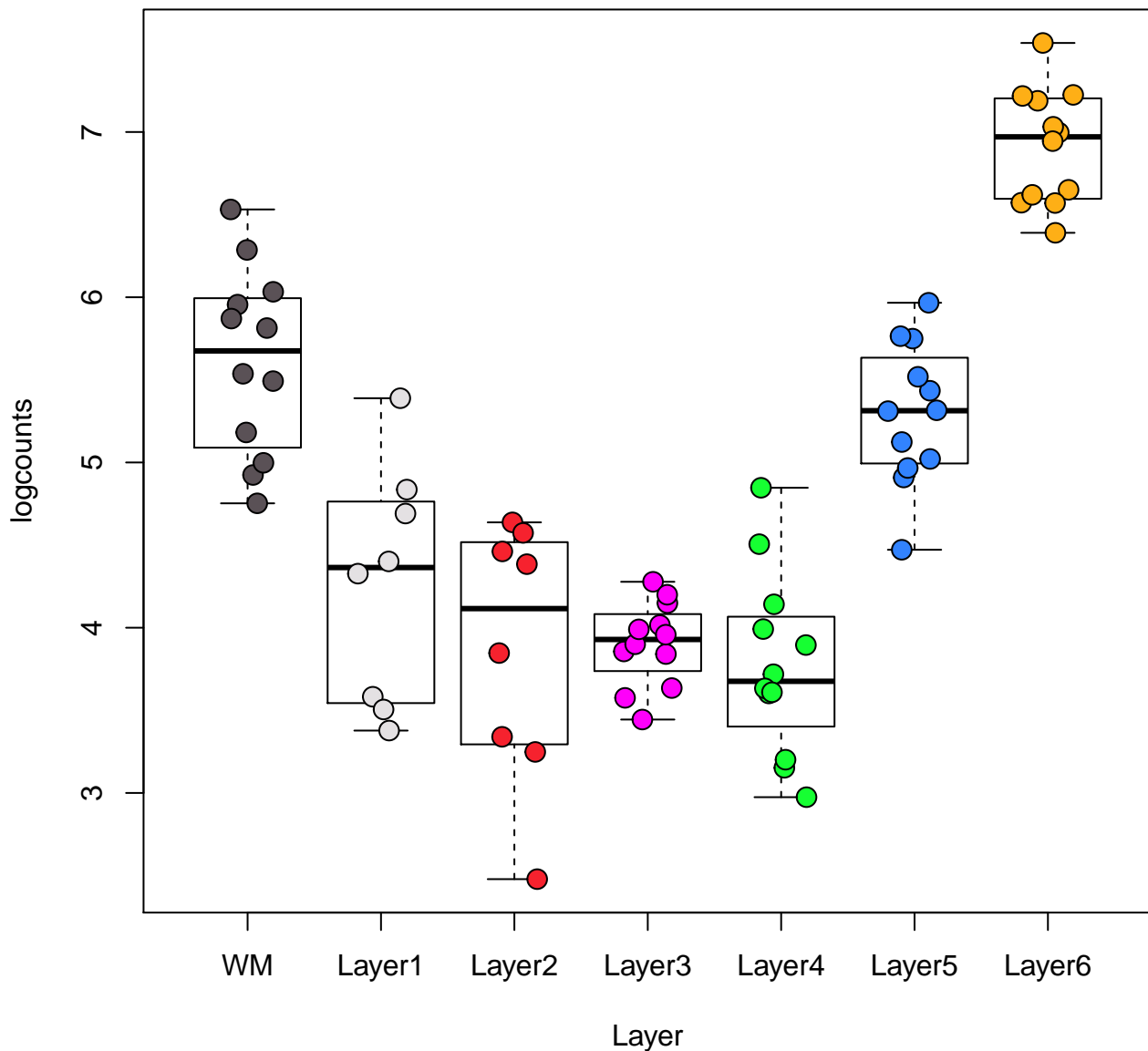
L6-L2\_r7;L6-L3\_r5;L6-L4\_r6;L6-L5\_r2



NR4A2 ENSG00000153234 Layer6-Layer2

tstat 1.30e+01 p 1.73e-20

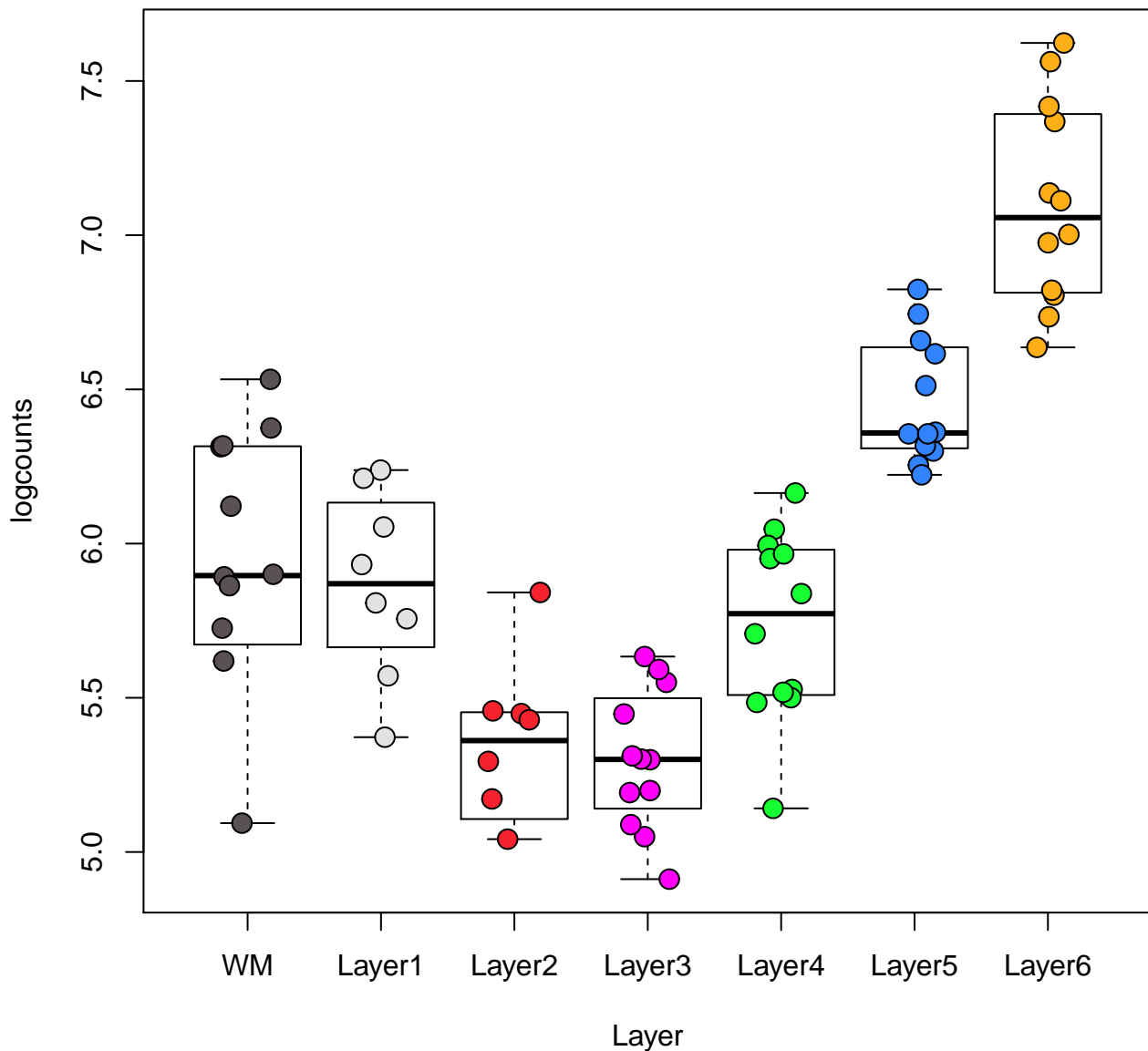
L6\_r2;L6-L2\_r8;L6-L3\_r4;L6-L4\_r2;L6-L5\_r8



# NTNG2 ENSG00000196358 Layer6-Layer2

tstat 1.27e+01 p 5.82e-20

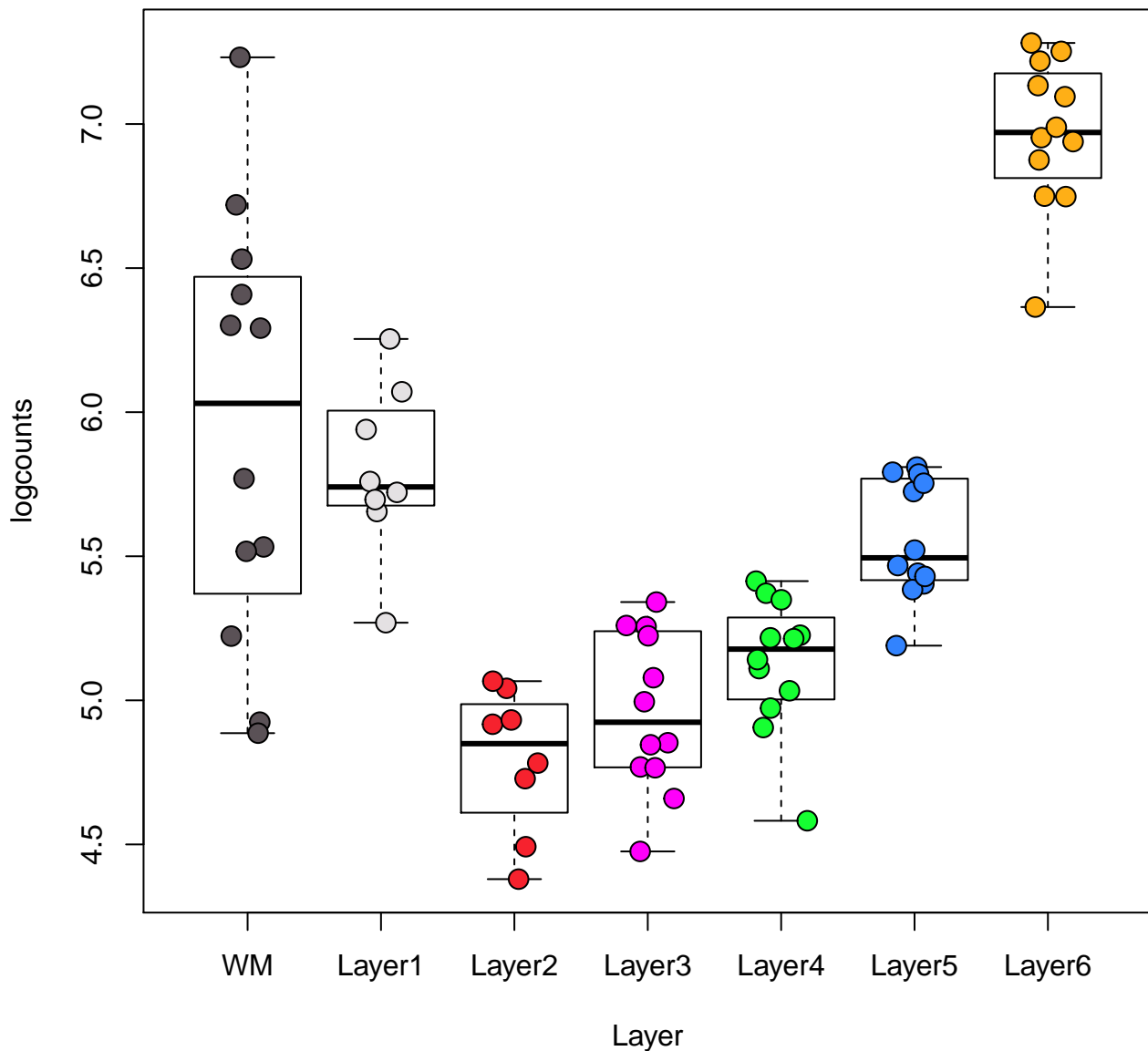
L6\_r5;L6-L2\_r9;L6-L3\_r7



# ISLR ENSG00000129009 Layer6-Layer2

tstat 1.26e+01 p 7.66e-20

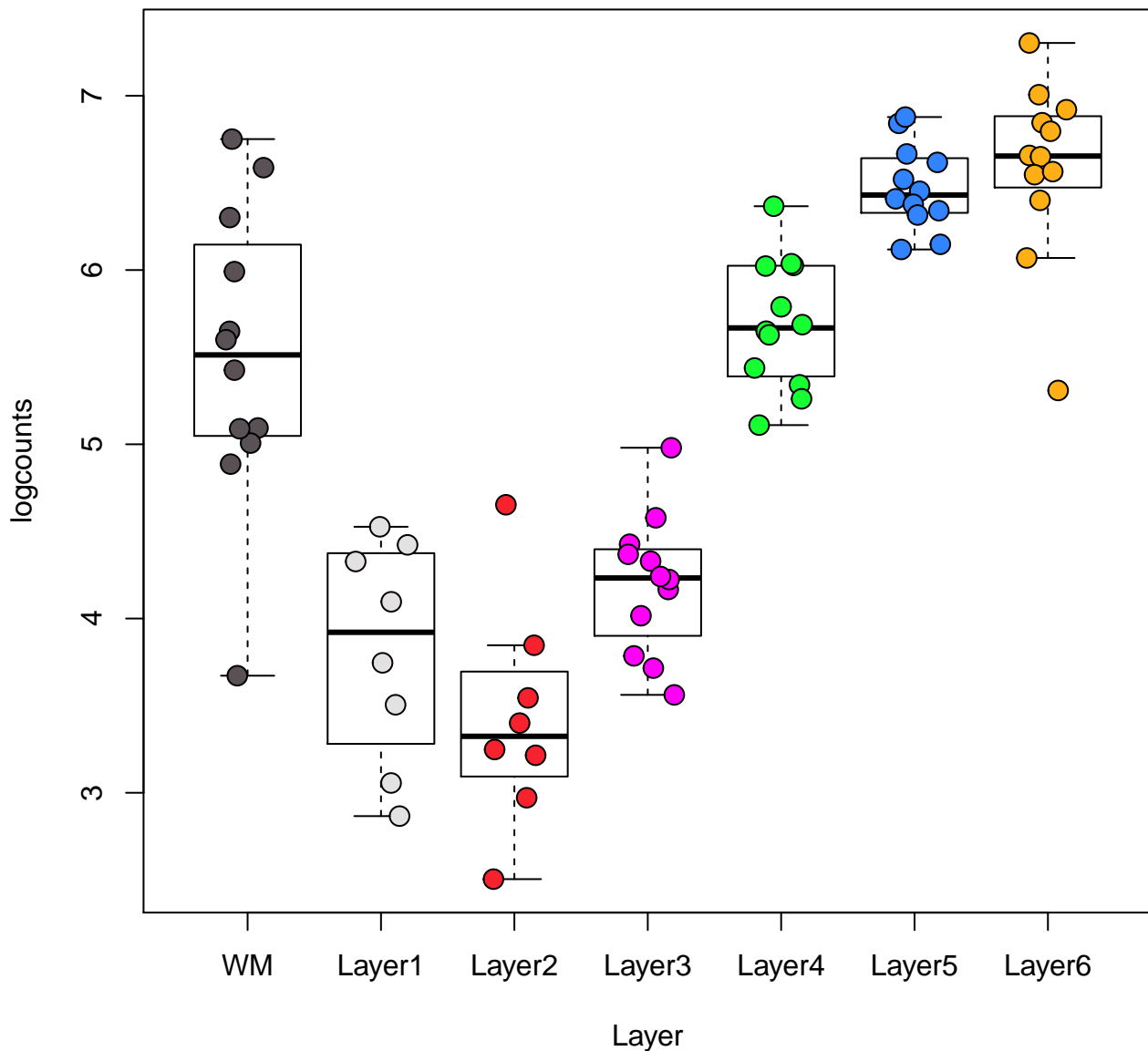
L6\_r1;L6-L2\_r10;L6-L3\_r10;L6-L4\_r7;L6-L5\_r4



# RXFP1 ENSG00000171509 Layer4-Layer3

tstat 7.57e+00 p 1.03e-10

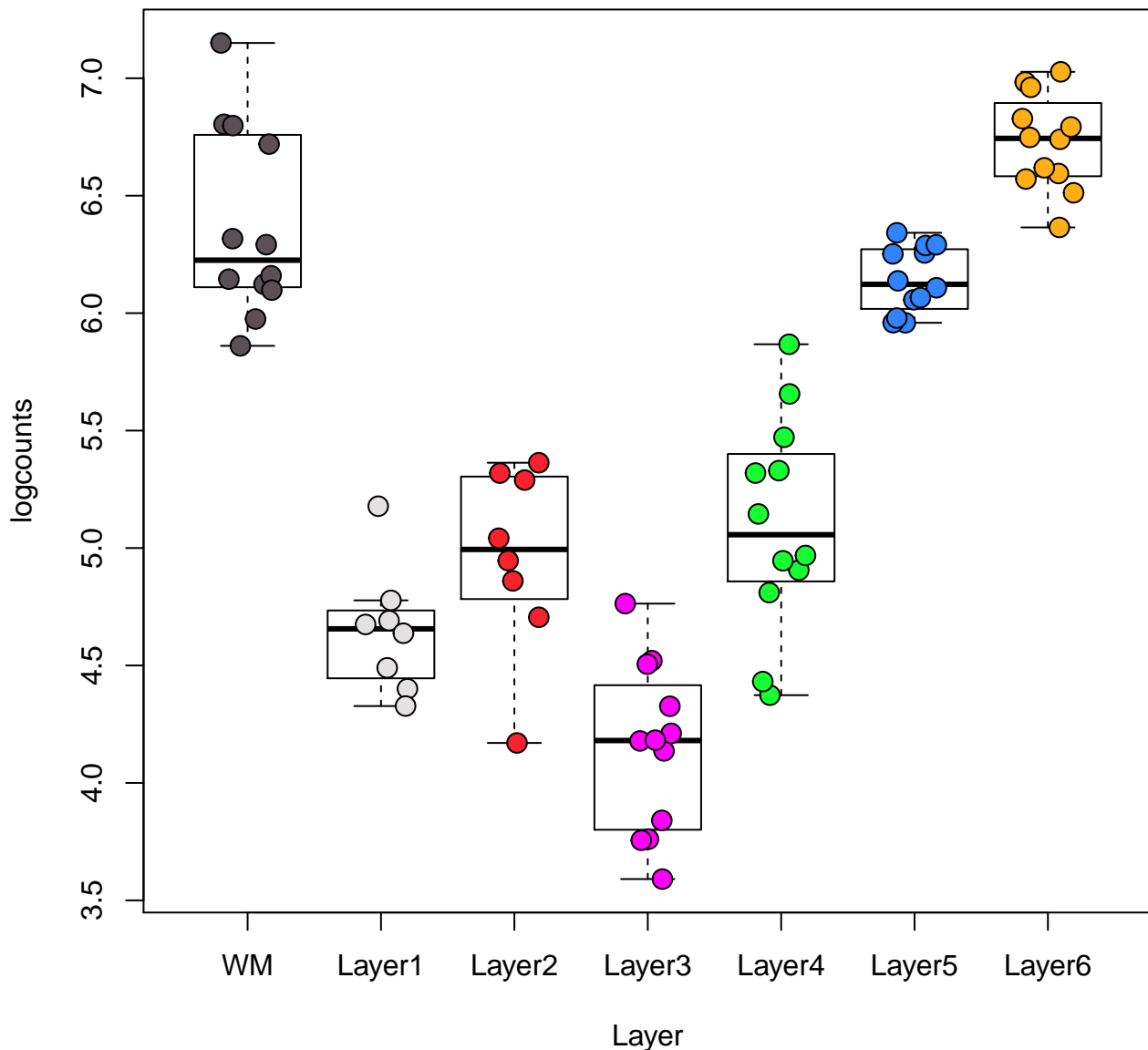
L5-L2\_r6;L6-L2\_r6;L4-L3\_r1;L5-L3\_r8



# HS3ST4 ENSG00000182601 Layer4-Layer3

tstat 7.41e+00 p 2.02e-10

WM-L3\_r9;L6-L1\_r4;L4-L3\_r2;L5-L3\_r1;L6-L3\_r2;L5-L4\_r7;L6-L4\_r5

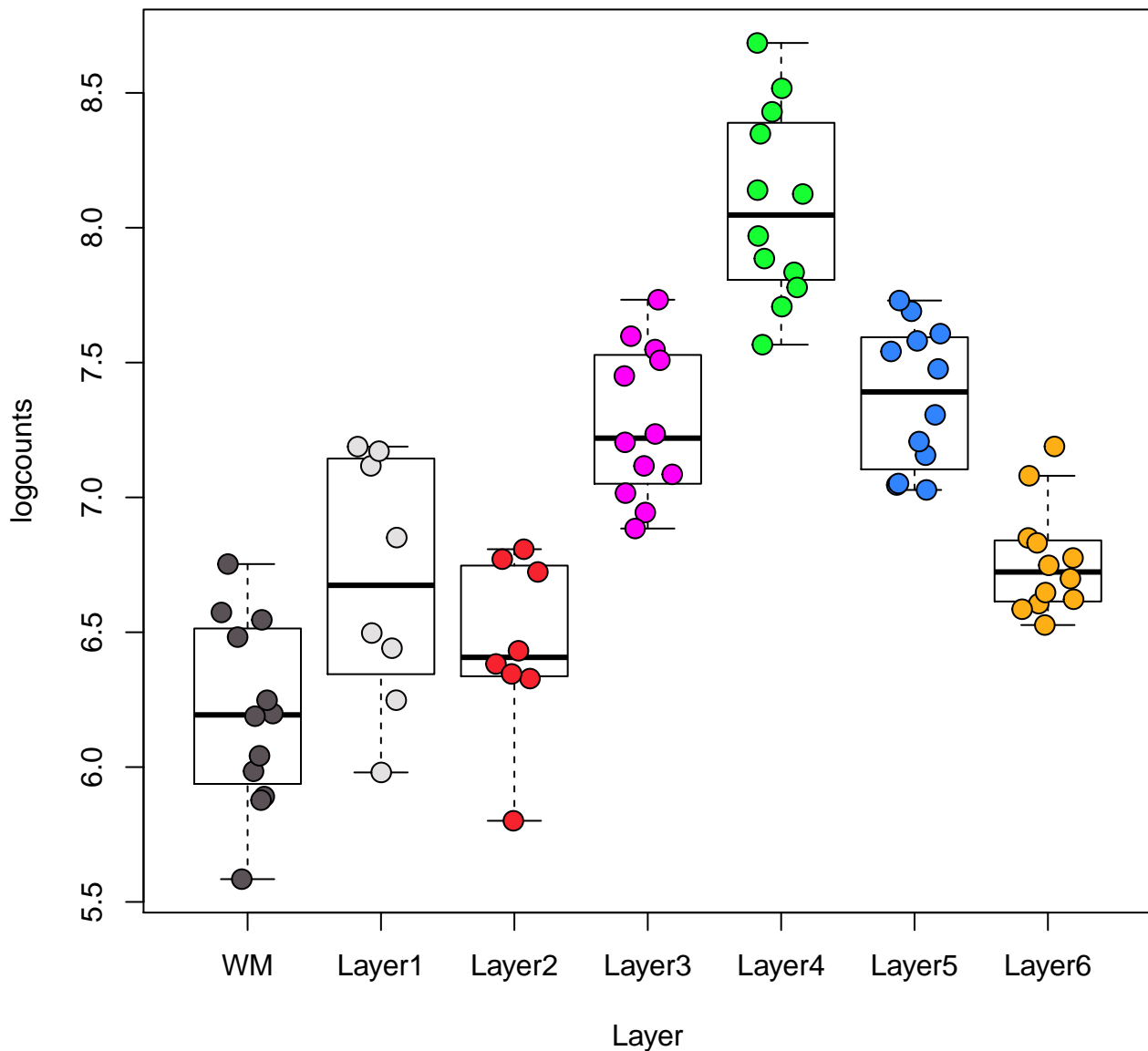




# VAMP1 ENSG00000139190 Layer4-Layer3

tstat 7.09e+00 p 7.76e-10

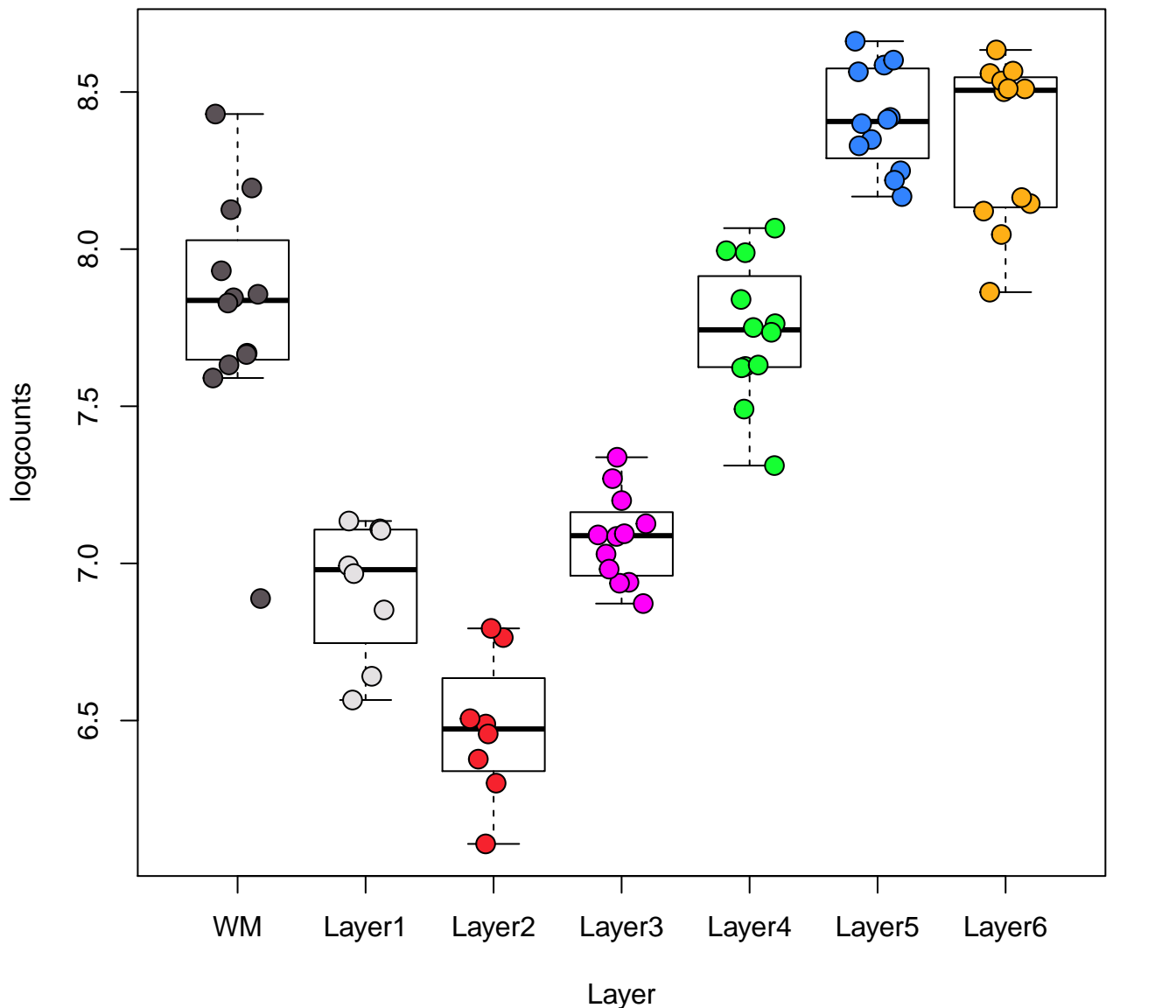
L4\_r1;L4-L6\_r5;L4-WM\_r9;L4-L1\_r9;L4-L2\_r3;L4-L3\_r3



# EFHD2 ENSG00000142634 Layer4-Layer3

tstat 6.96e+00 p 1.38e-09

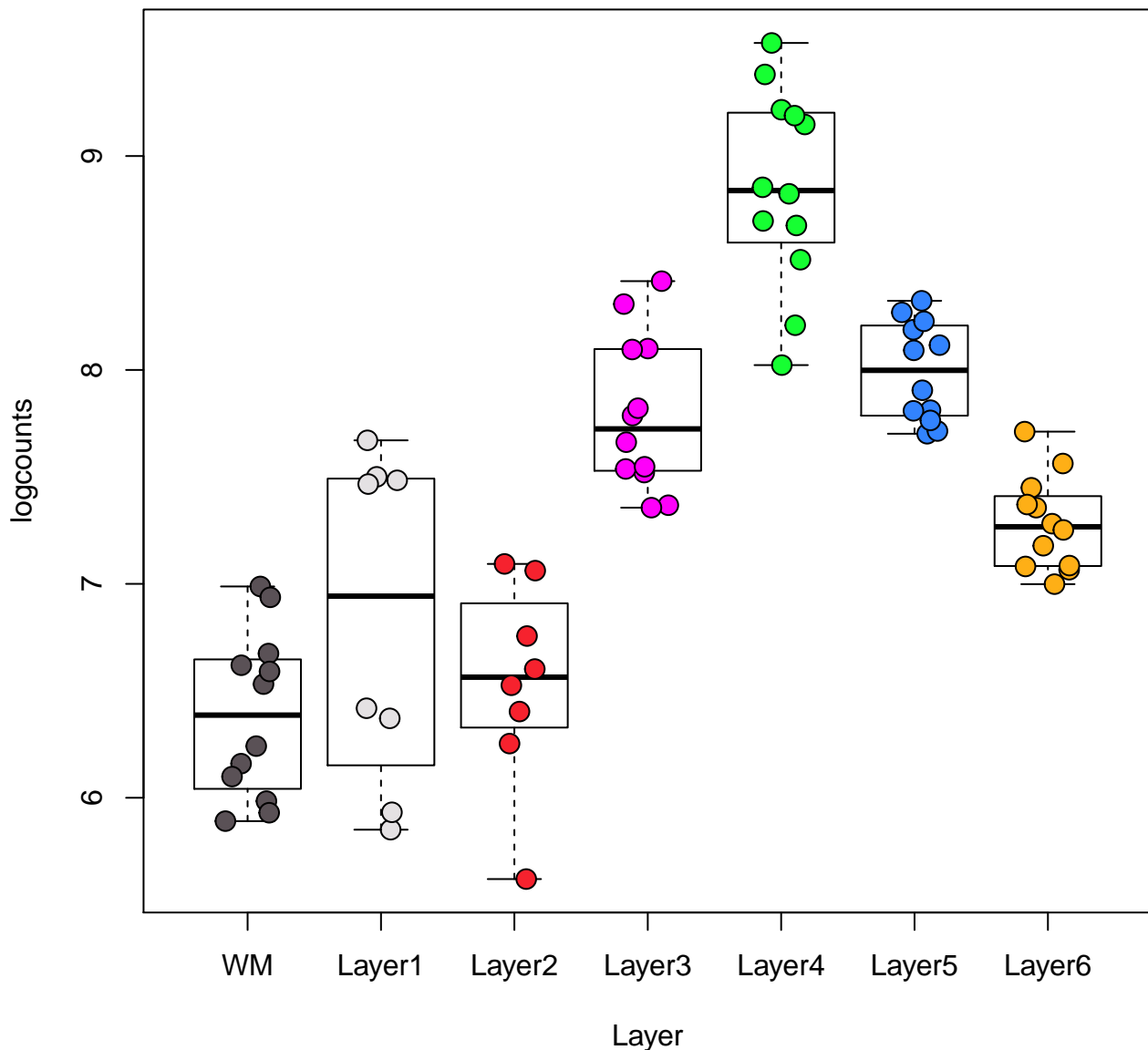
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



# NEFH ENSG00000100285 Layer4-Layer3

tstat 6.71e+00 p 3.95e-09

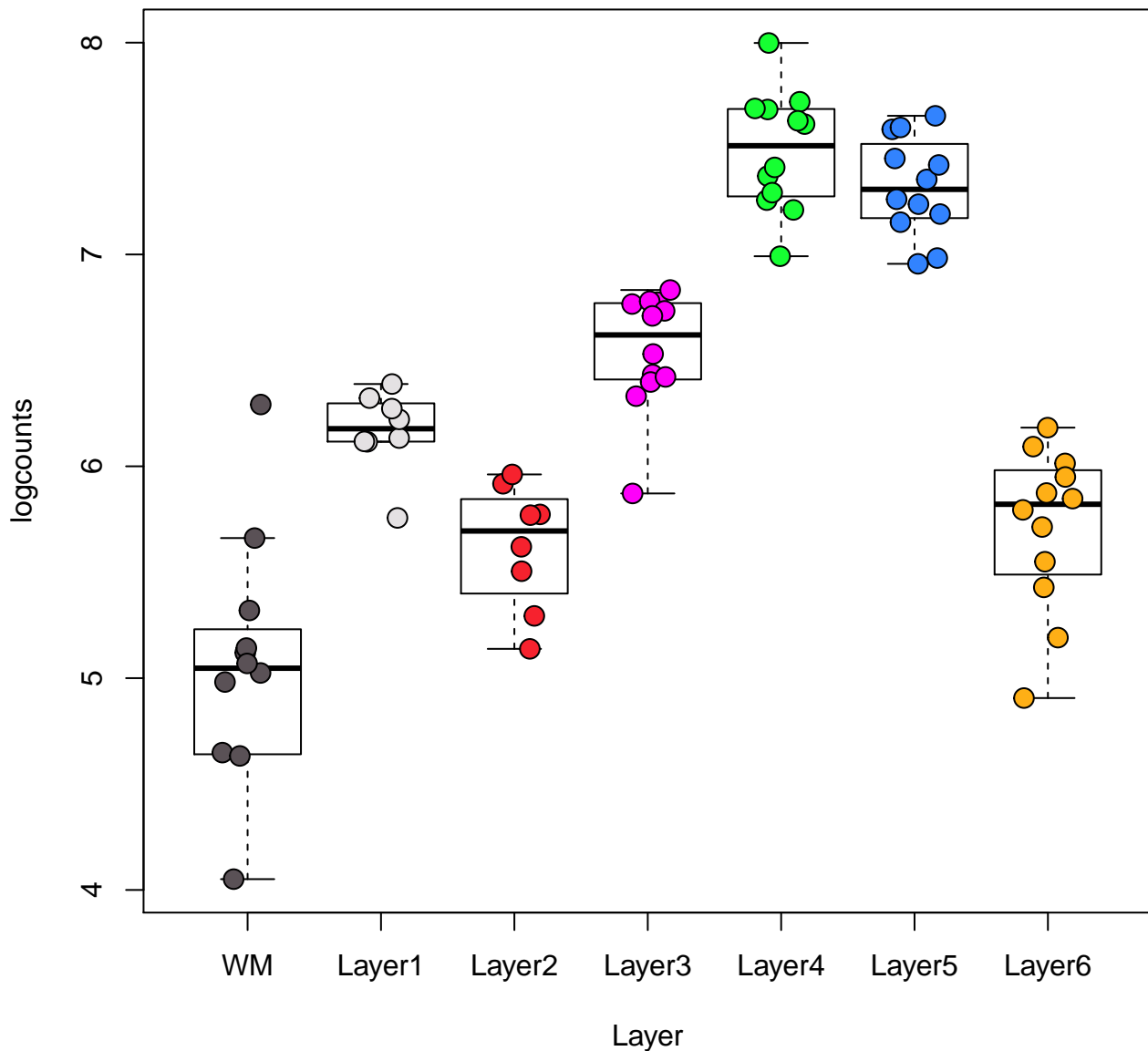
L4\_r3;L4-L1\_r8;L3-L2\_r9;L4-L2\_r2;L4-L3\_r5



# RORB ENSG00000198963 Layer4-Layer3

tstat 6.47e+00 p 1.08e-08

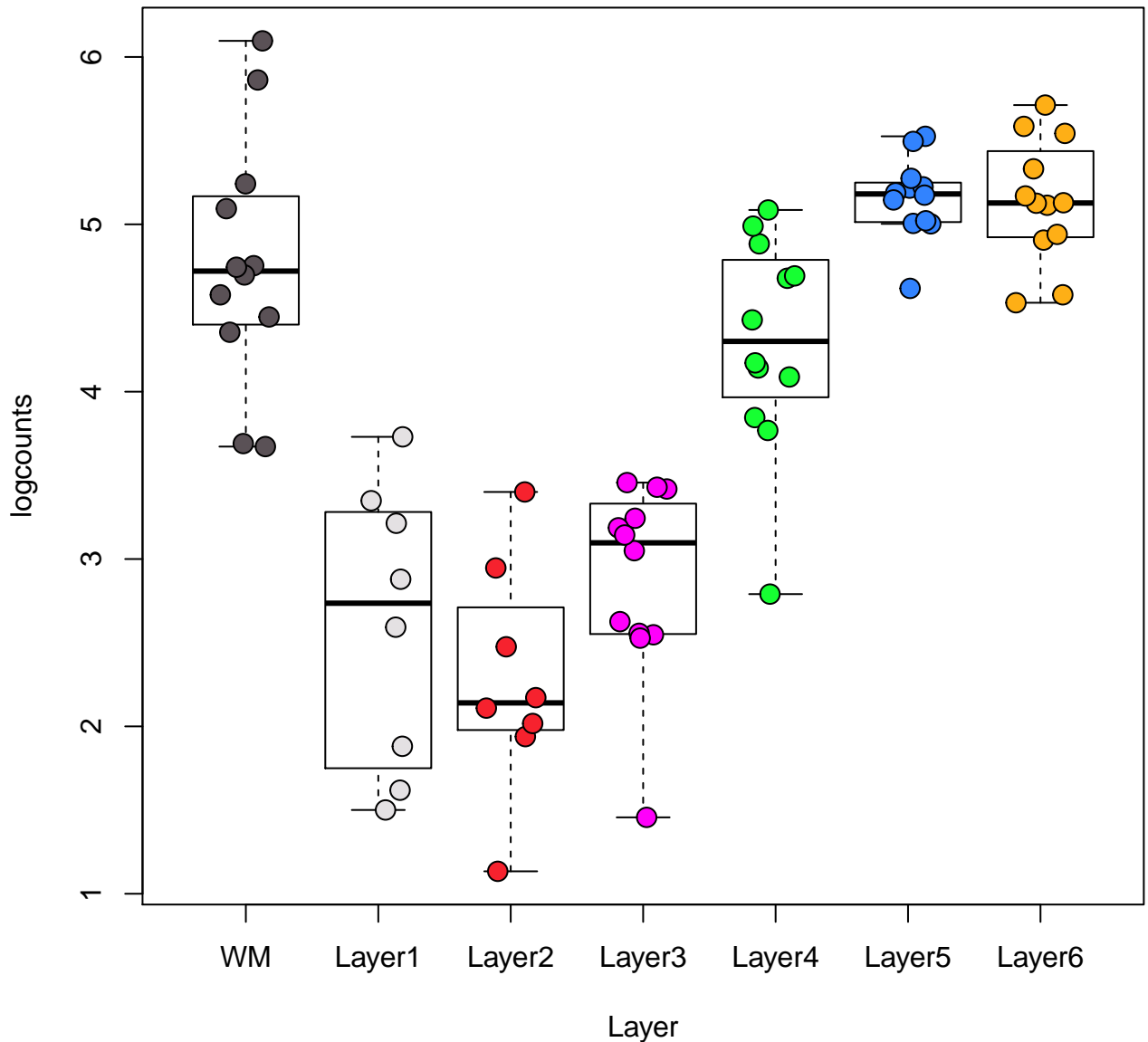
L4-L6\_r3;L5-L6\_r3;L4-WM\_r4;L5-WM\_r7;L4-L2\_r9;L4-L3\_r6



# FOXP2 ENSG00000128573 Layer4-Layer3

tstat 6.47e+00 p 1.08e-08

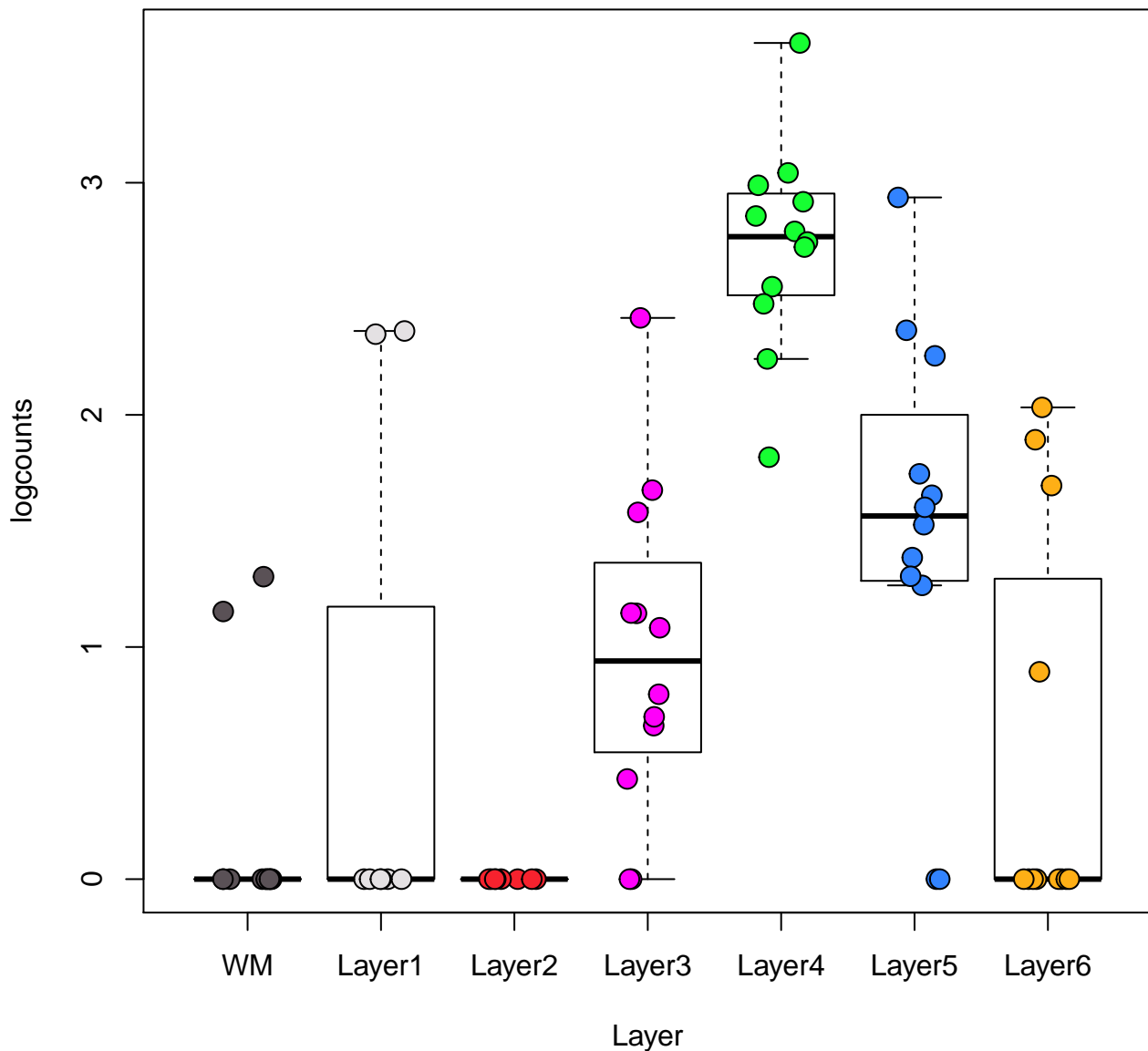
L4-L3\_r7



# GUCA1C ENSG00000138472 Layer4-Layer3

tstat 6.40e+00 p 1.41e-08

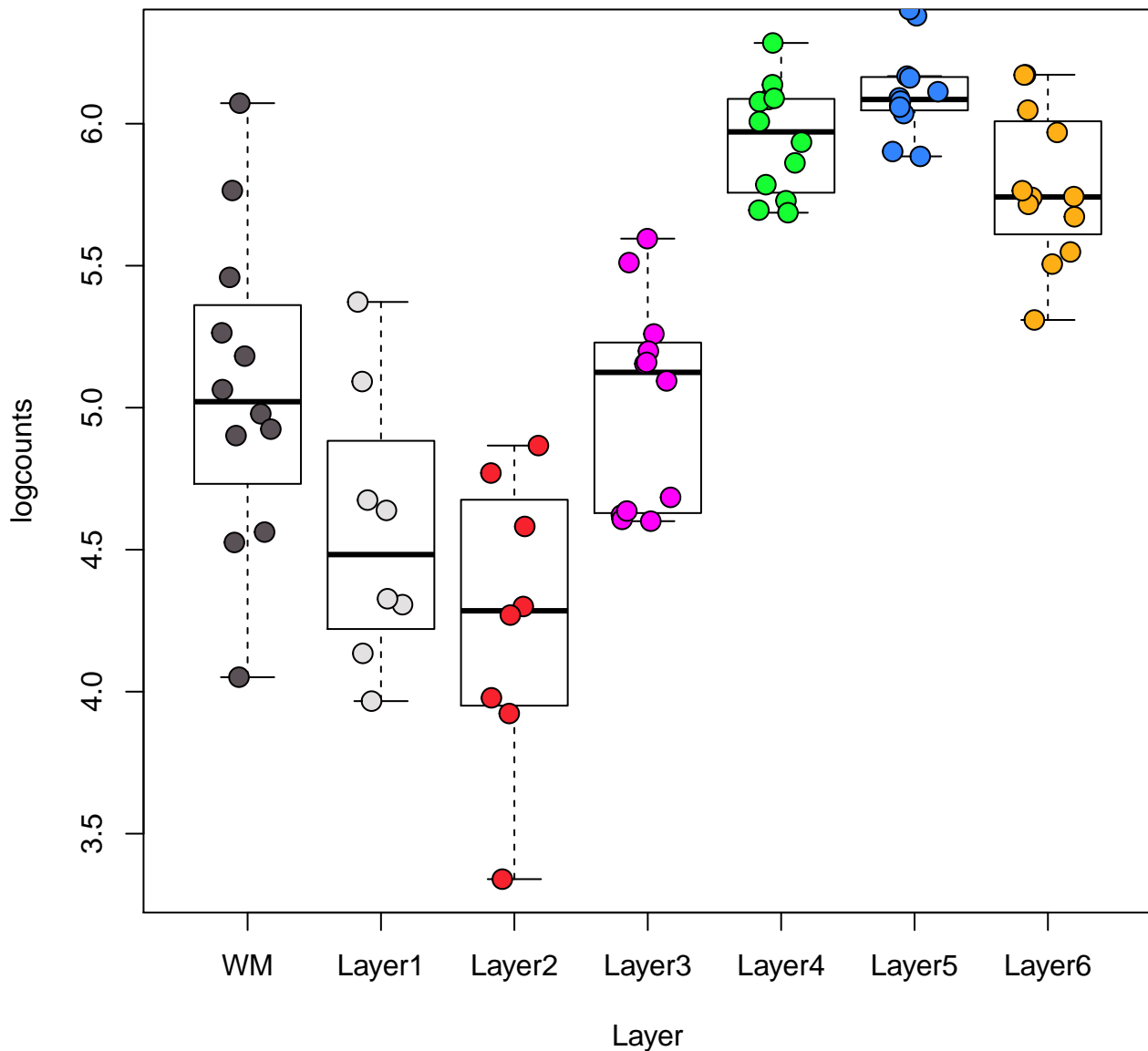
L4\_r2;L4-L3\_r8



CNIH3 ENSG00000143786 Layer4-Layer3

tstat 6.36e+00 p 1.66e-08

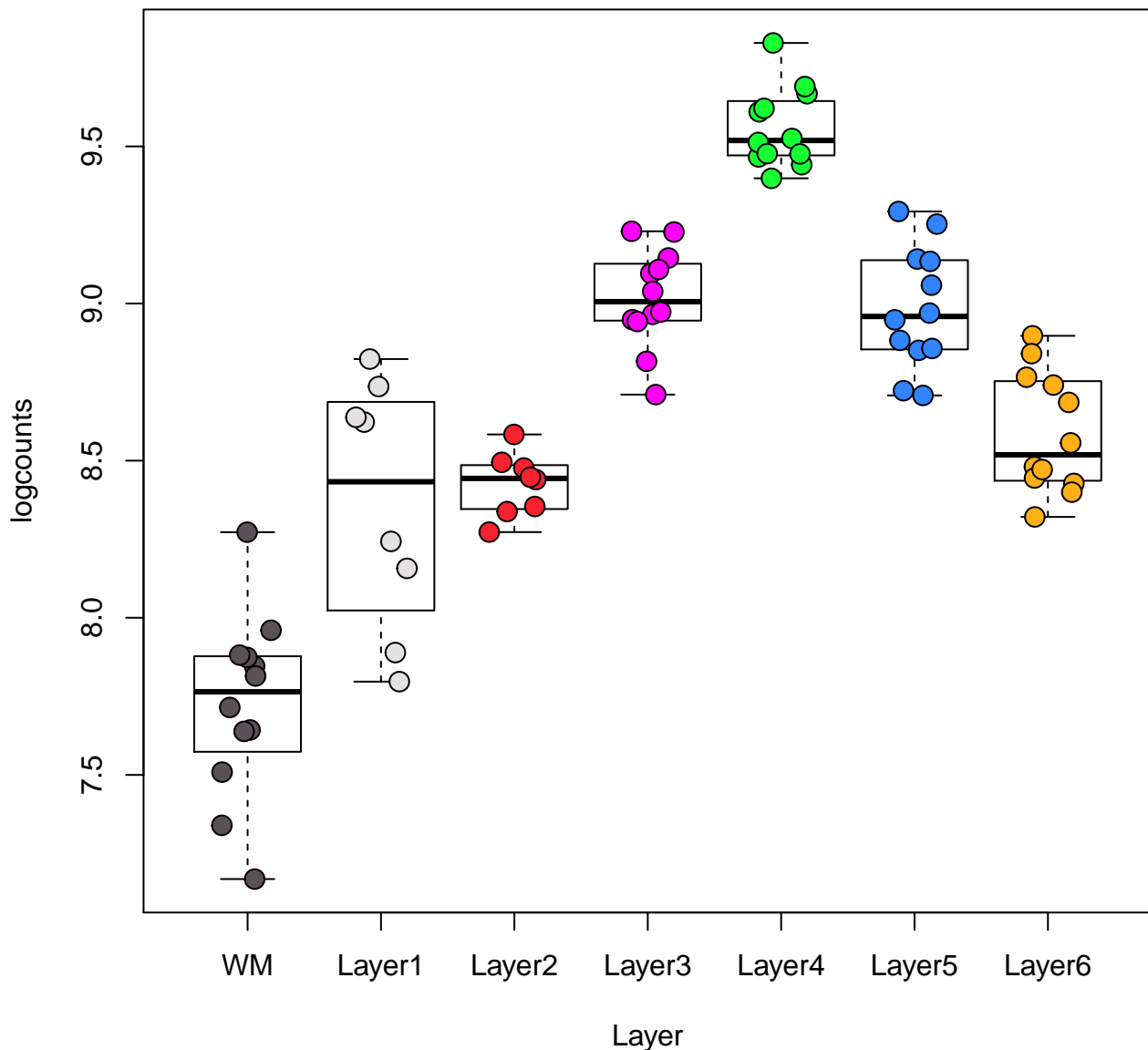
L4-L3\_r9



# SCN1B ENSG00000105711 Layer4-Layer3

tstat 6.26e+00 p 2.58e-08

L4\_r5;L4-L5\_r10;L4-L6\_r7;L4-WM\_r1;L4-L1\_r6;L4-L2\_r6;L4-L3\_r10

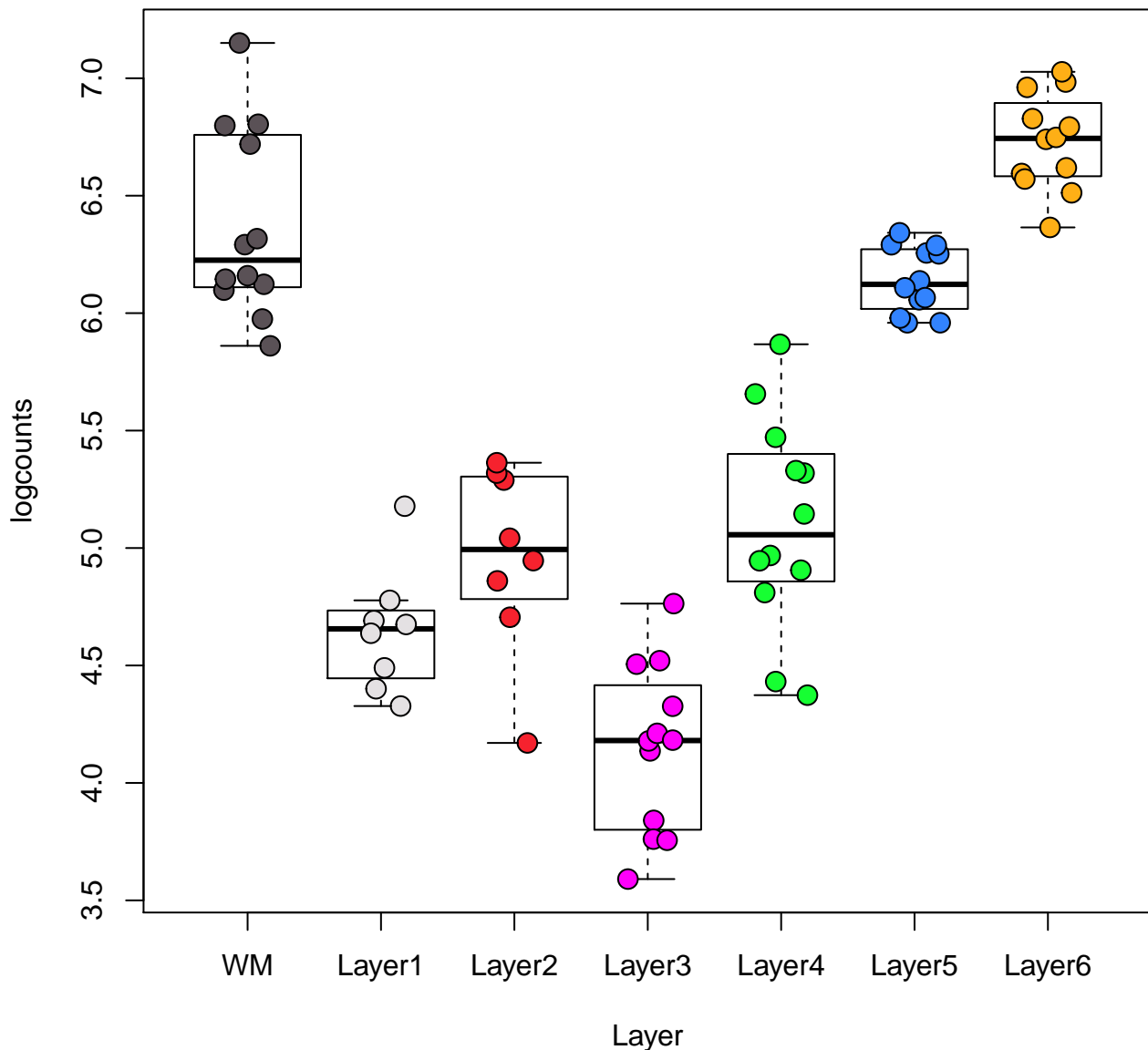




# HS3ST4 ENSG00000182601 Layer5-Layer3

tstat 1.55e+01 p 1.65e-24

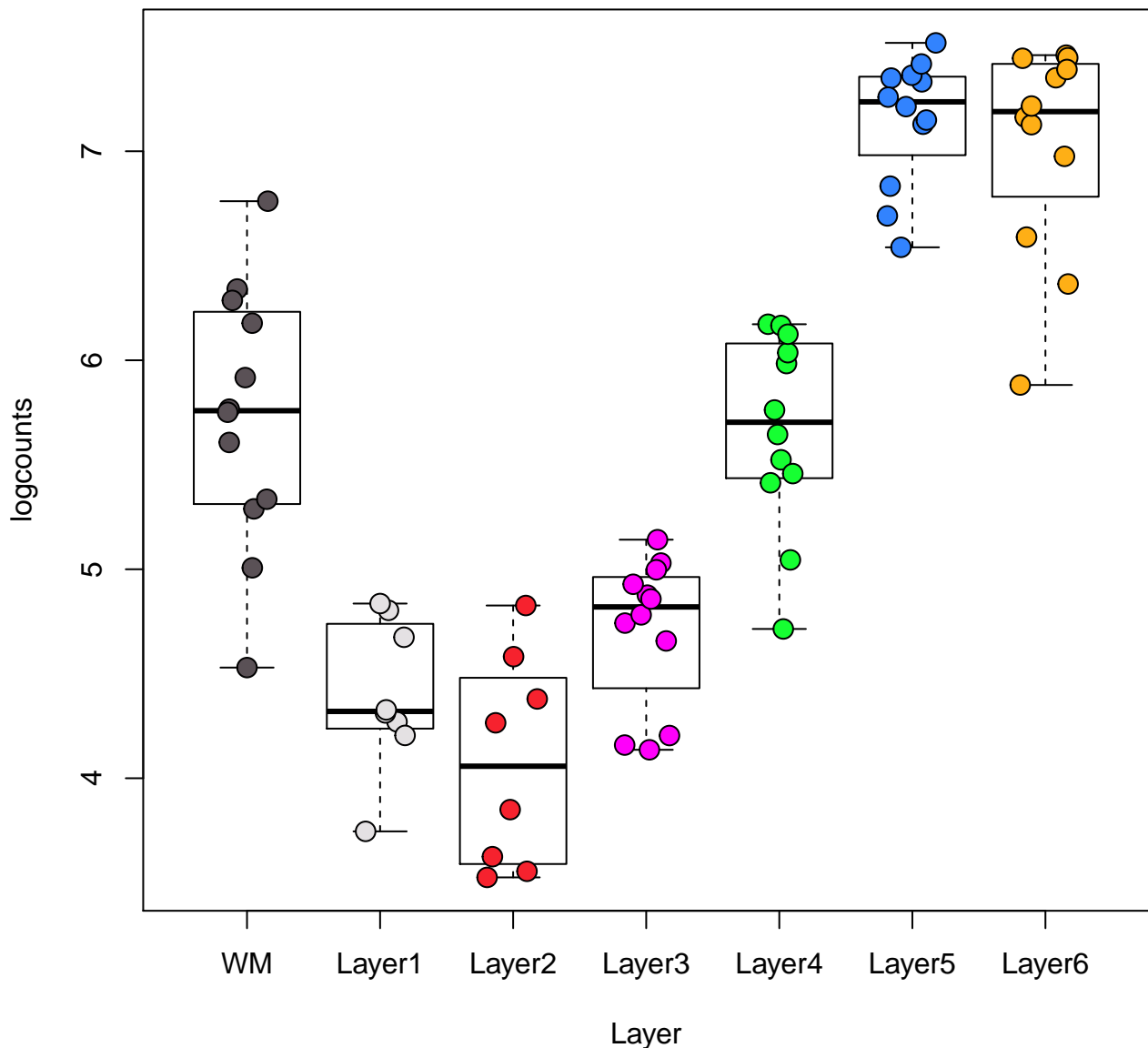
WM-L3\_r9;L6-L1\_r4;L4-L3\_r2;L5-L3\_r1;L6-L3\_r2;L5-L4\_r7;L6-L4\_r5



HS3ST2 ENSG00000122254 Layer5-Layer3

tstat 1.47e+01 p 2.86e-23

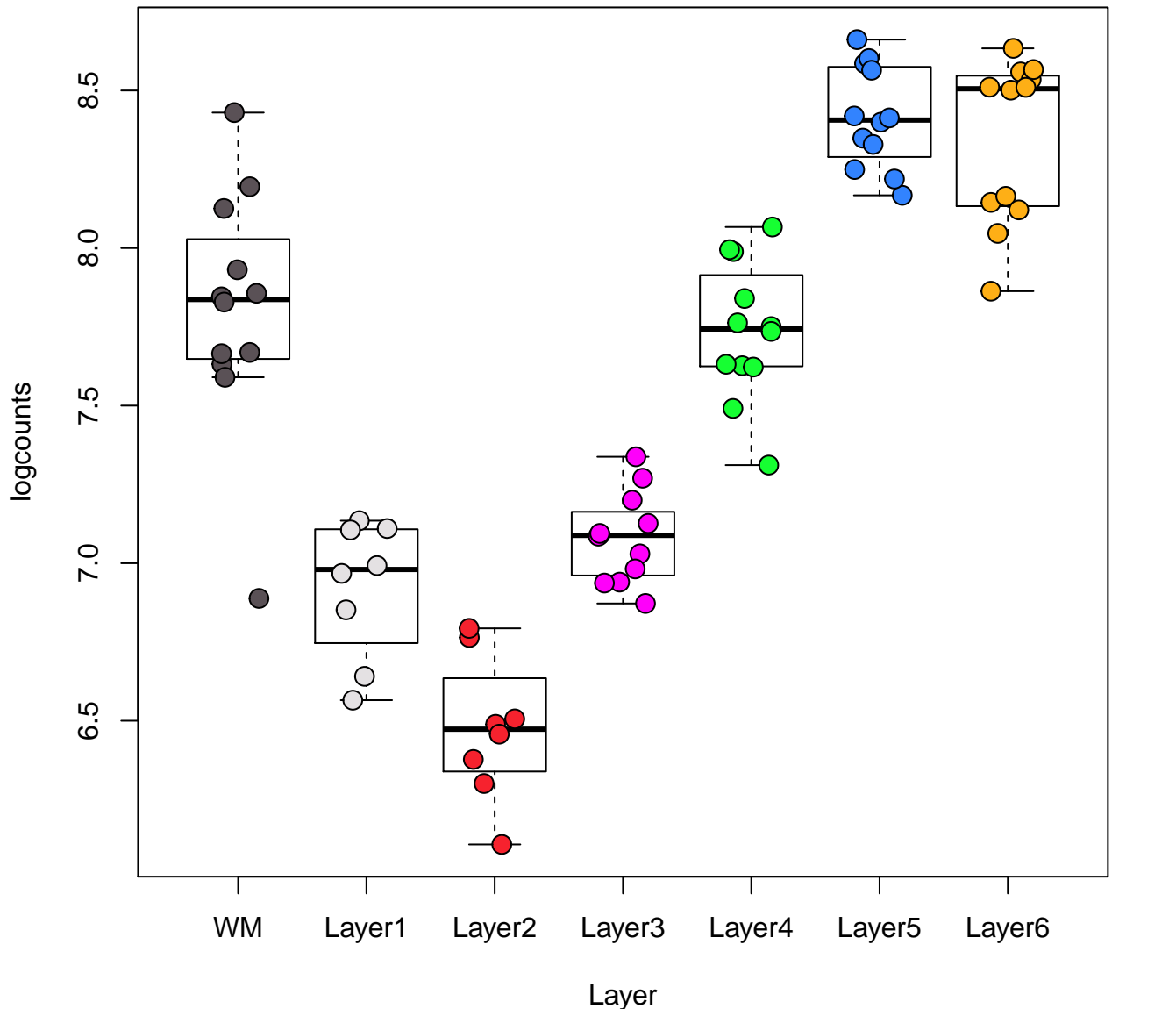
L5-L1\_r5;L6-L1\_r6;L5-L2\_r3;L6-L2\_r3;L5-L3\_r2;L6-L3\_r6;L5-L4\_r5



# EFHD2 ENSG00000142634 Layer5-Layer3

tstat 1.42e+01 p 2.03e-22

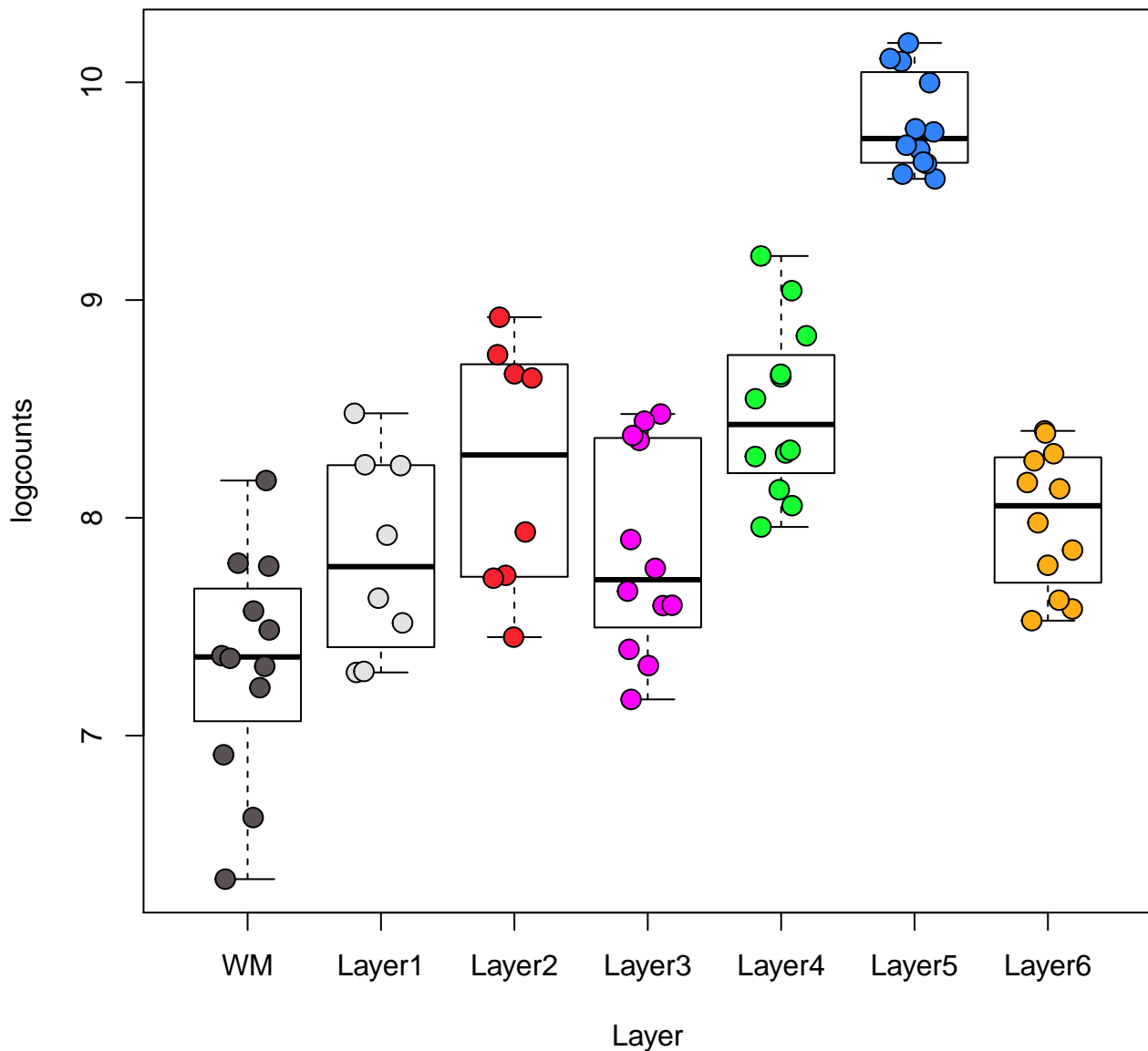
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



# PCP4 ENSG00000183036 Layer5-Layer3

tstat 1.34e+01 p 4.16e-21

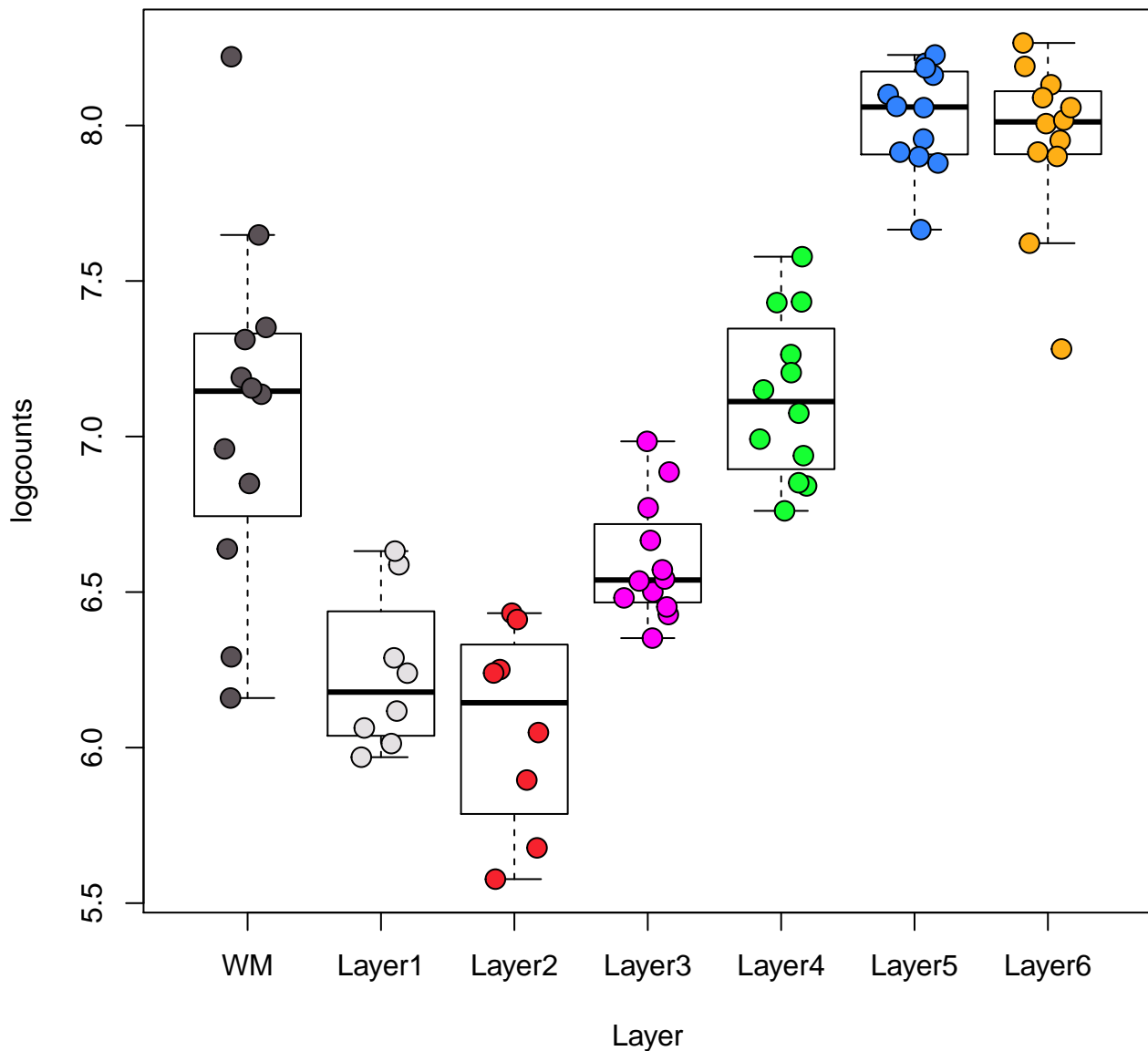
L5\_r1;L5-L6\_r2;L5-WM\_r3;L5-L3\_r4;L5-L4\_r6



# CLSTN2 ENSG00000158258 Layer5-Layer3

tstat 1.22e+01 p 4.46e-19

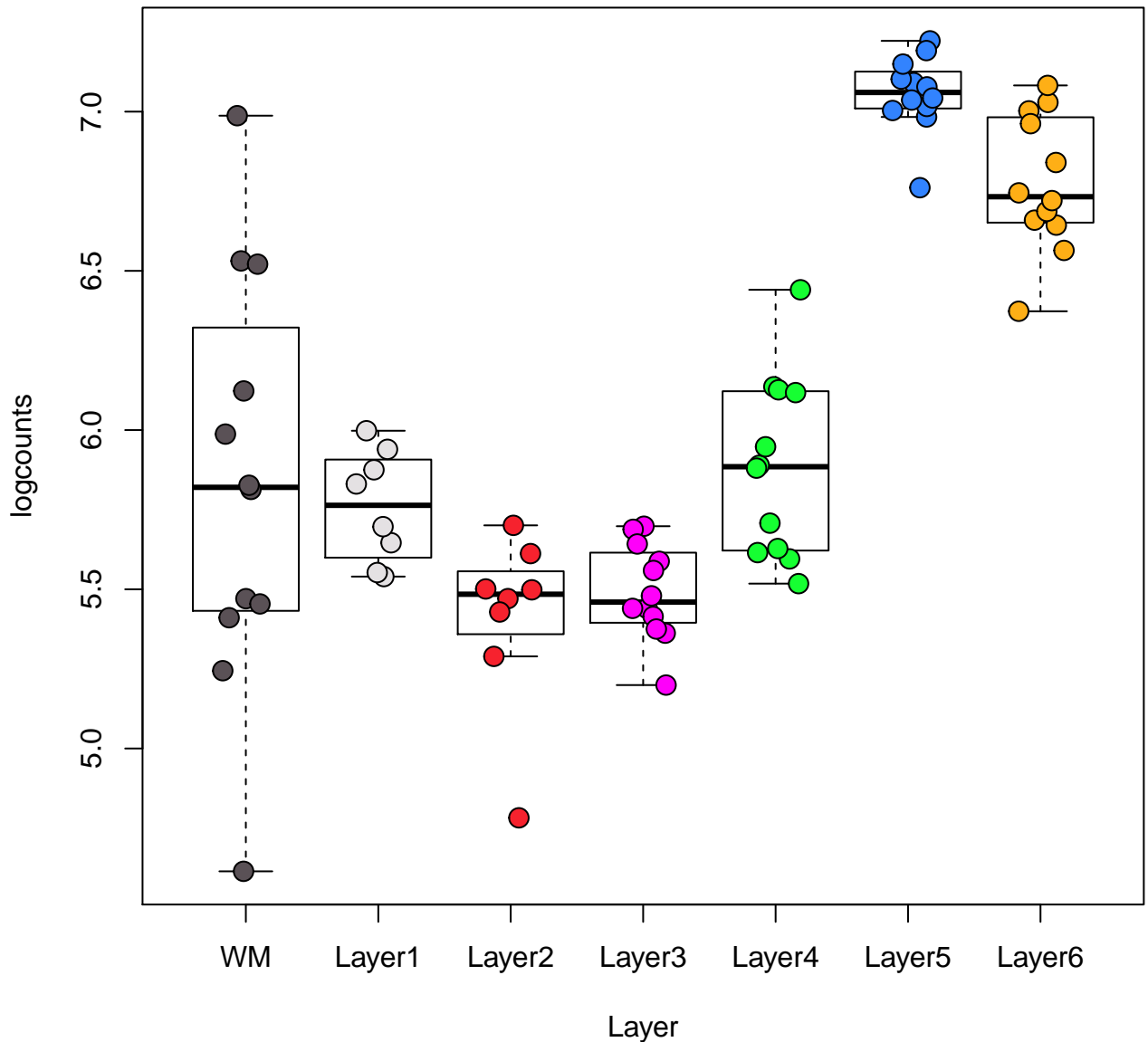
L6-L1\_r10;L5-L2\_r5;L6-L2\_r4;L5-L3\_r5



# ETV1 ENSG00000006468 Layer5-Layer3

tstat 1.20e+01 p 8.32e-19

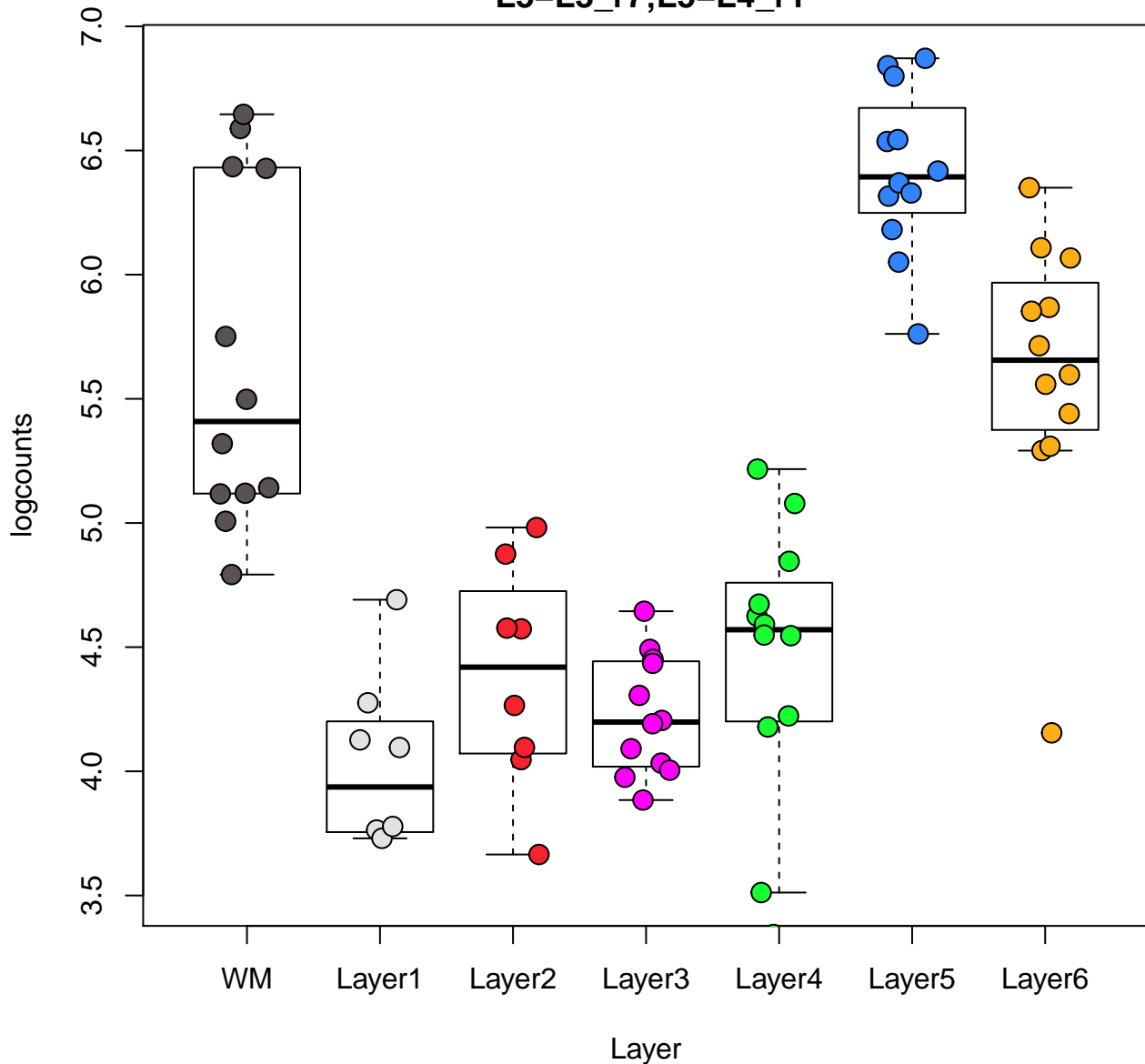
L5-L3\_r6;L5-L4\_r4



# RPRM ENSG00000177519 Layer5-Layer3

tstat 1.20e+01 p 9.11e-19

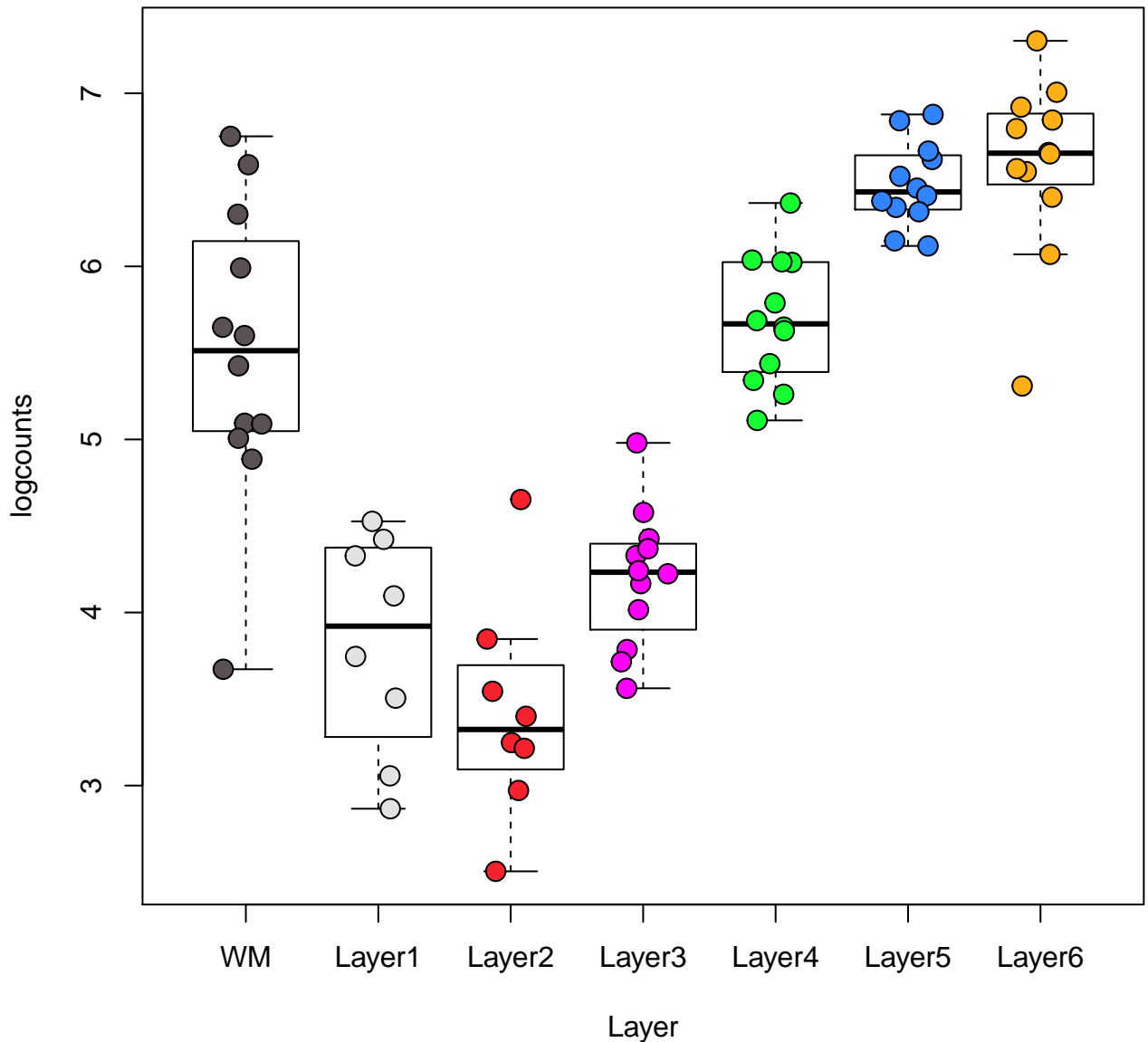
L5-L3\_r7;L5-L4\_r1



# RXFP1 ENSG00000171509 Layer5-Layer3

tstat 1.15e+01 p 6.61e-18

L5-L2\_r6;L6-L2\_r6;L4-L3\_r1;L5-L3\_r8

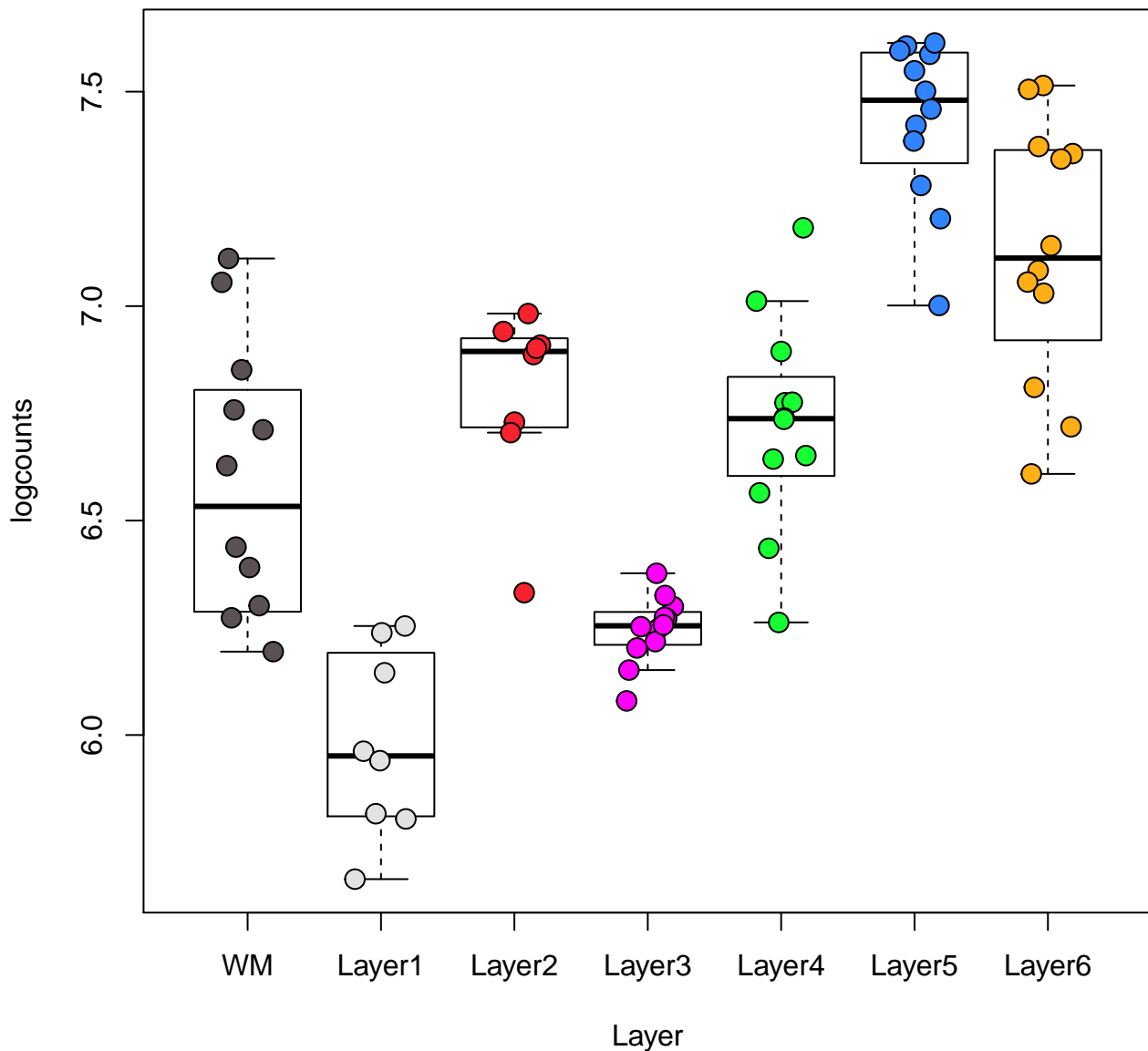




PDE1A ENSG00000115252 Layer5-Layer3

tstat 1.14e+01 p 1.03e-17

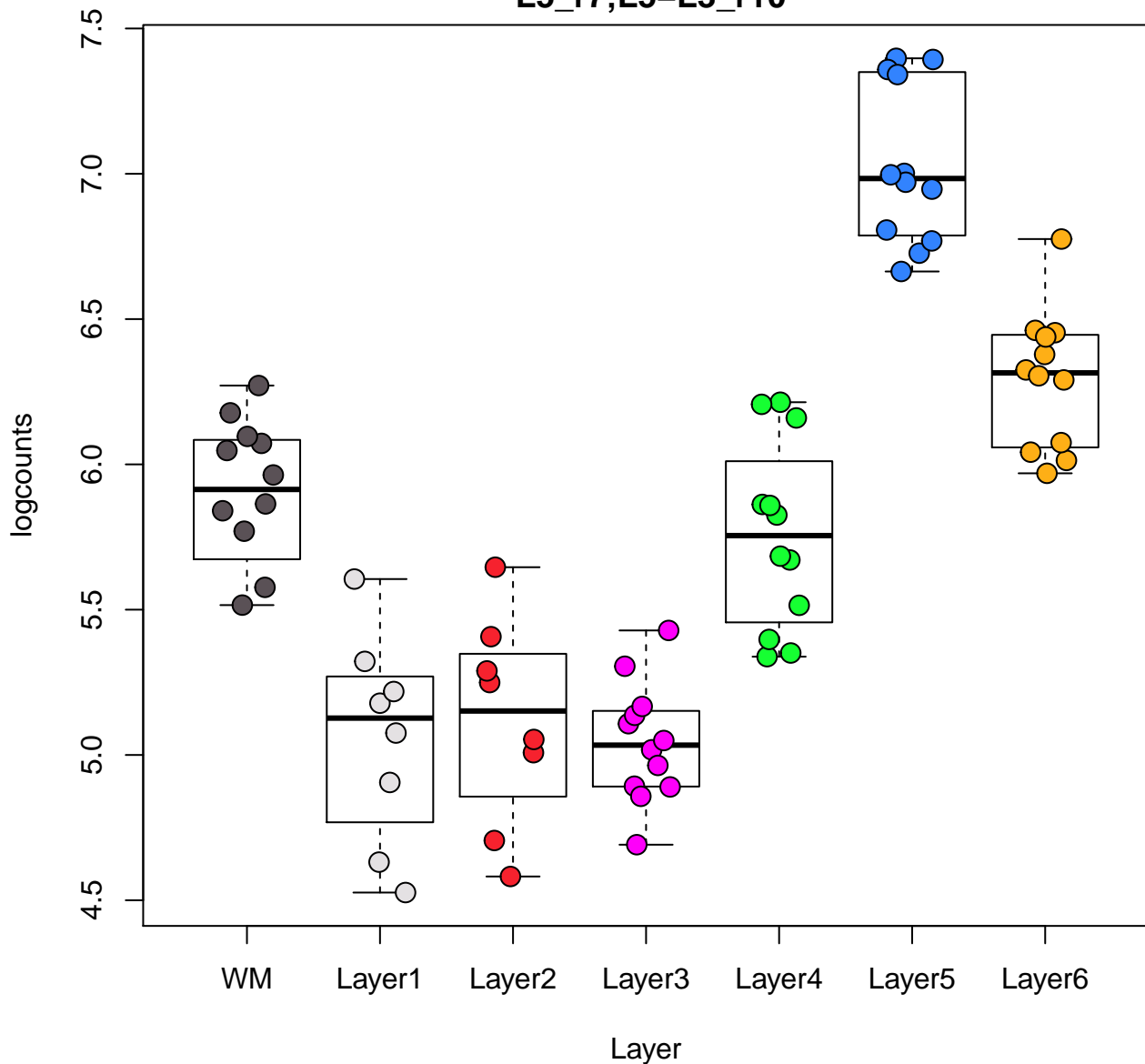
L5-L3\_r9



# VAT1L ENSG00000171724 Layer5-Layer3

tstat 1.10e+01 p 5.20e-17

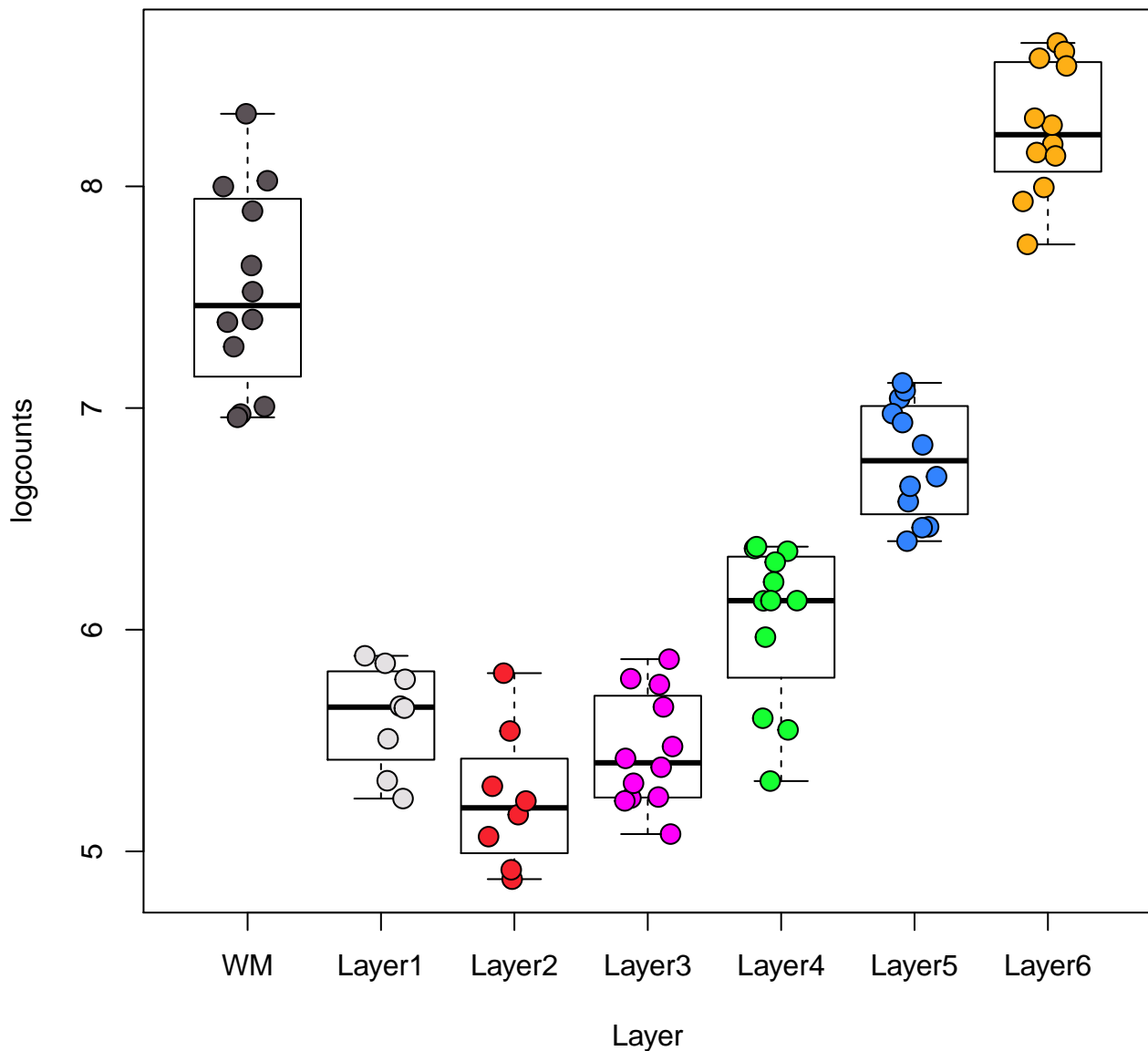
L5\_r7;L5-L3\_r10



# KRT17 ENSG00000128422 Layer6-Layer3

tstat 2.19e+01 p 2.11e-33

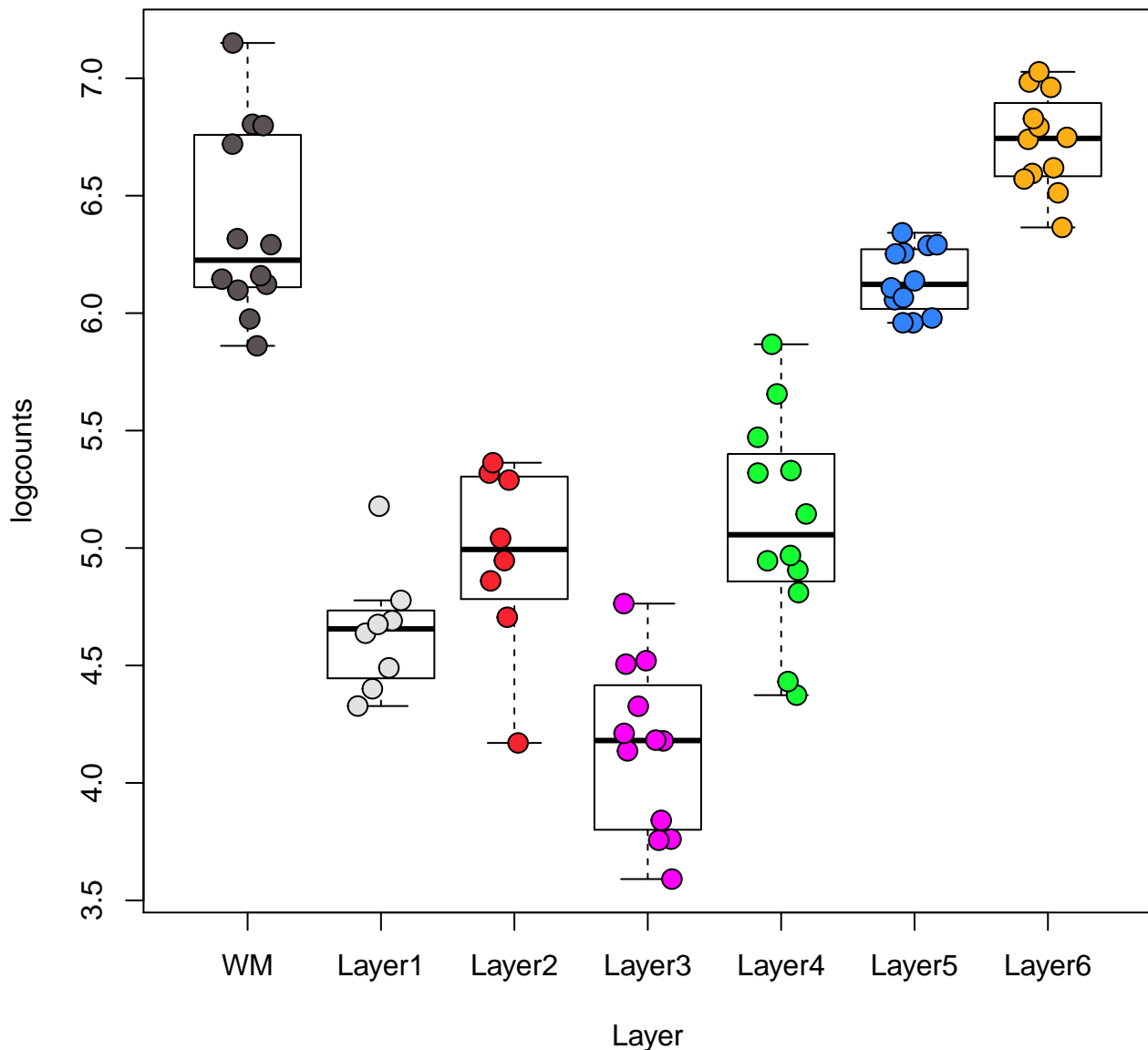
L6\_r9;L6-L1\_r1;L6-L2\_r1;L6-L3\_r1;L6-L4\_r1;L6-L5\_r1



# HS3ST4 ENSG00000182601 Layer6-Layer3

tstat 2.00e+01 p 4.99e-31

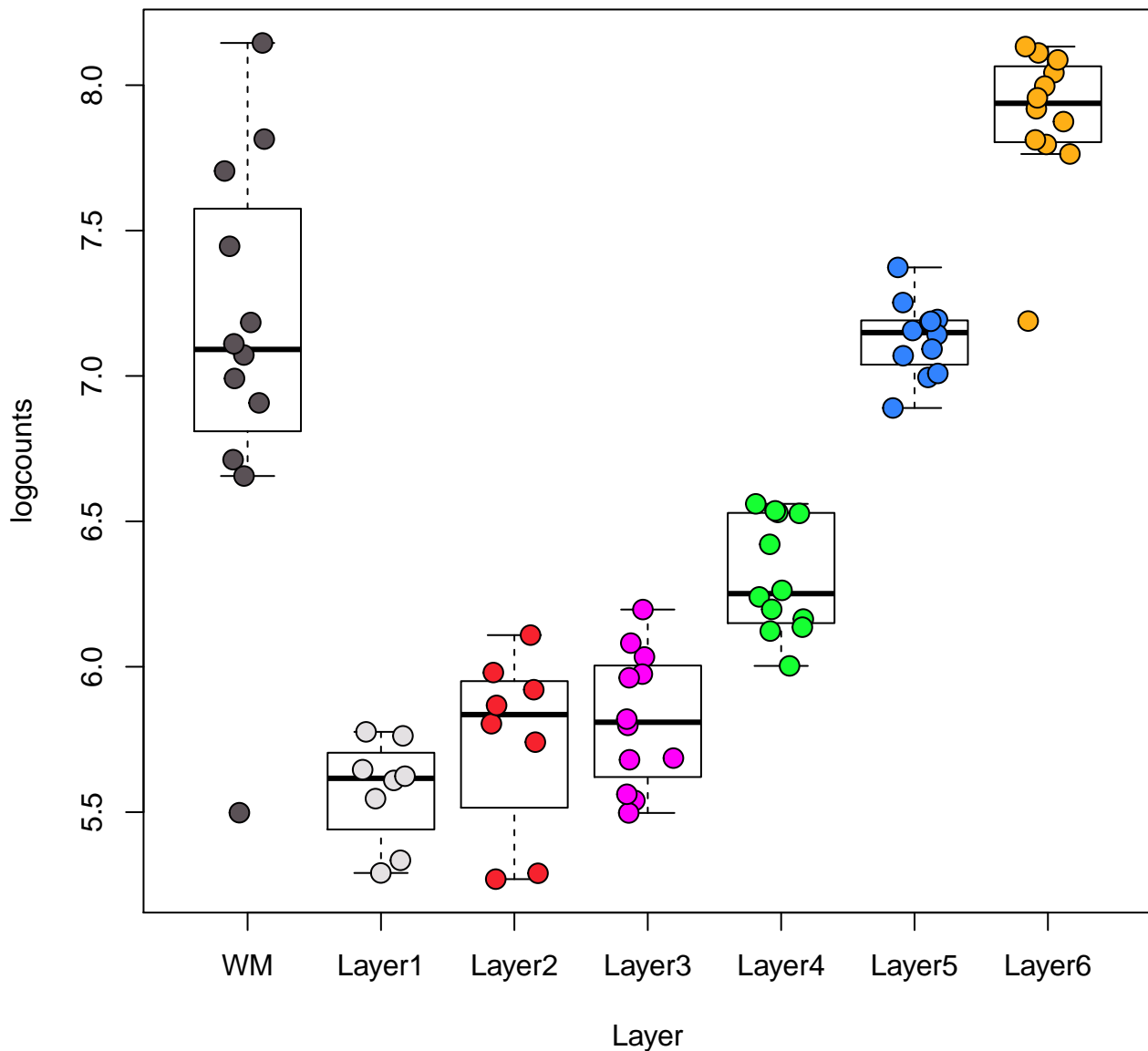
WM-L3\_r9;L6-L1\_r4;L4-L3\_r2;L5-L3\_r1;L6-L3\_r2;L5-L4\_r7;L6-L4\_r5



# B3GALT2 ENSG00000162630 Layer6-Layer3

tstat 1.54e+01 p 2.03e-24

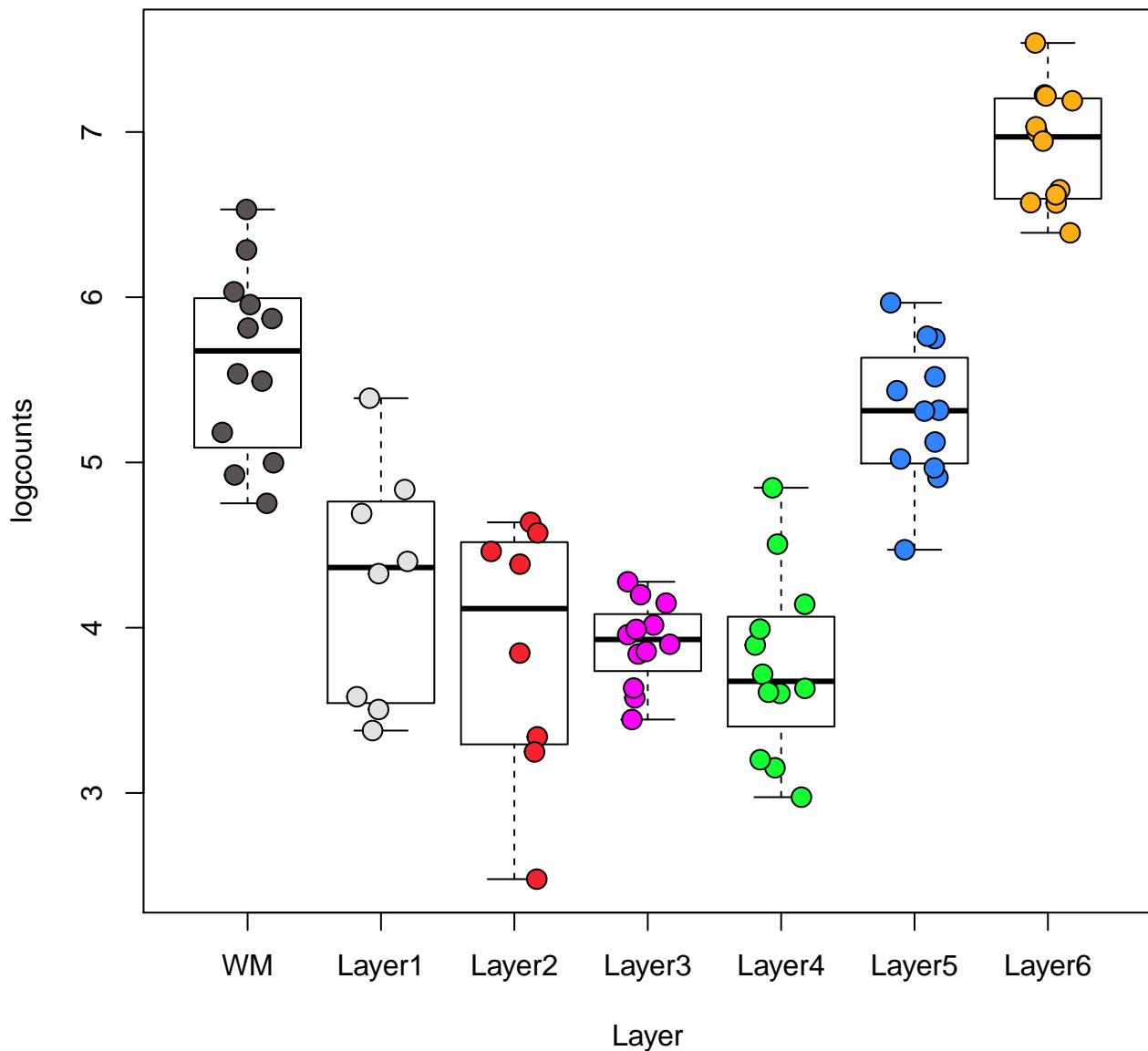
L6-L1\_r2;L6-L2\_r5;L6-L3\_r3;L6-L4\_r9



NR4A2 ENSG00000153234 Layer6-Layer3

tstat 1.46e+01 p 4.49e-23

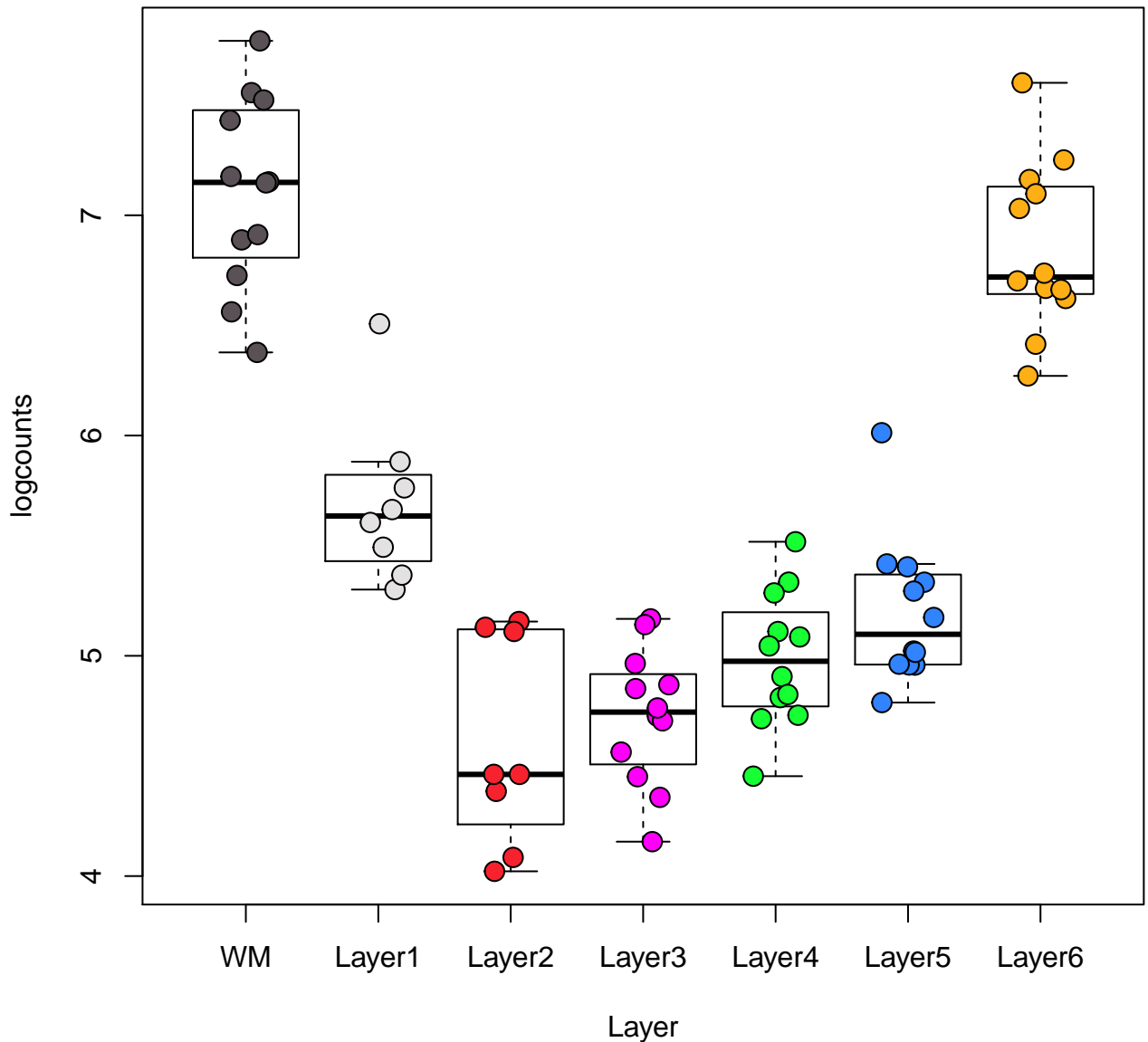
L6\_r2;L6-L2\_r8;L6-L3\_r4;L6-L4\_r2;L6-L5\_r8



# CTGF ENSG00000118523 Layer6-Layer3

tstat 1.43e+01 p 1.23e-22

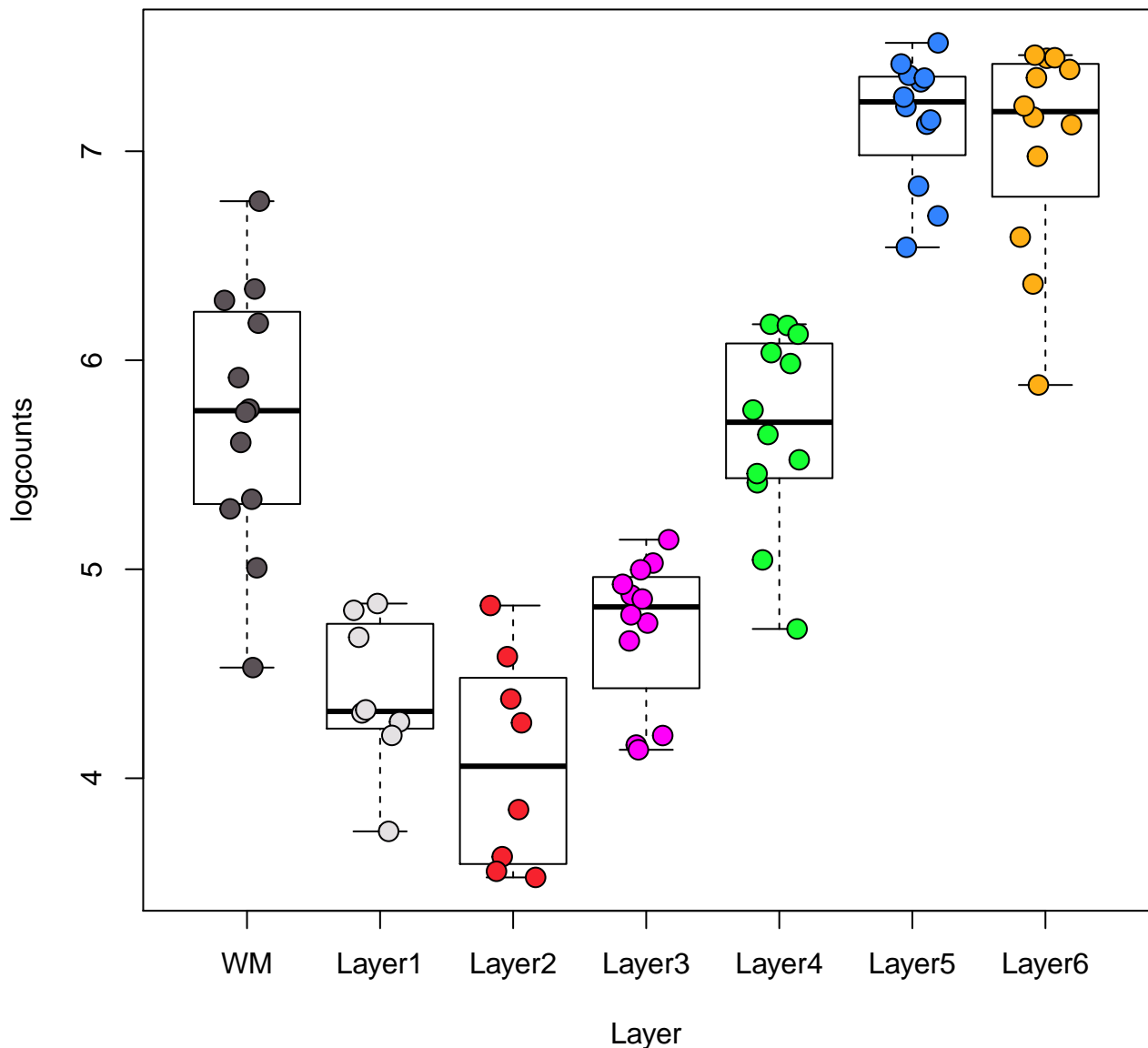
L6-L2\_r7;L6-L3\_r5;L6-L4\_r6;L6-L5\_r2



HS3ST2 ENSG00000122254 Layer6-Layer3

tstat 1.40e+01 p 3.77e-22

L5-L1\_r5;L6-L1\_r6;L5-L2\_r3;L6-L2\_r3;L5-L3\_r2;L6-L3\_r6;L5-L4\_r5

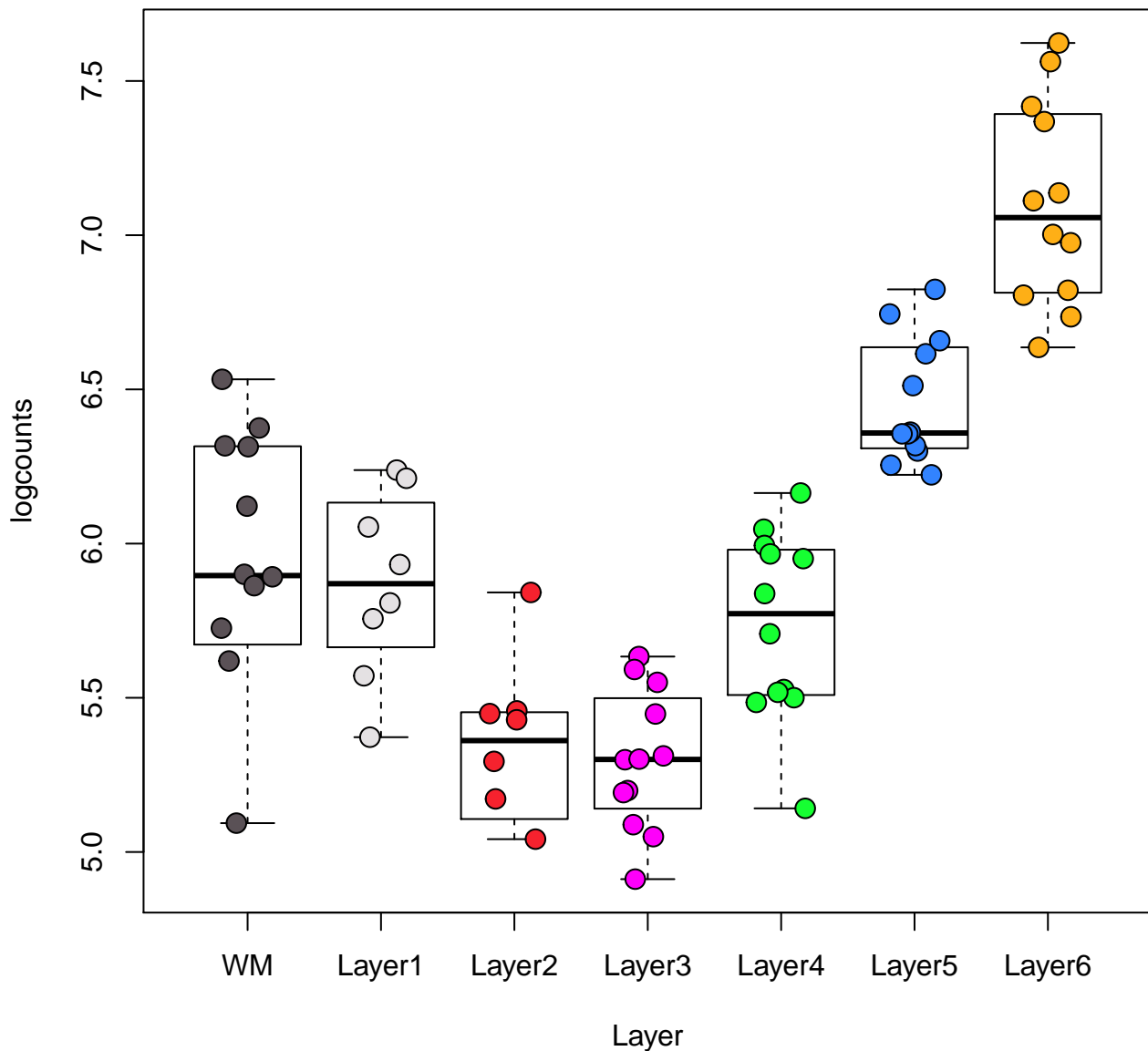




# NTNG2 ENSG00000196358 Layer6-Layer3

tstat 1.38e+01 p 8.59e-22

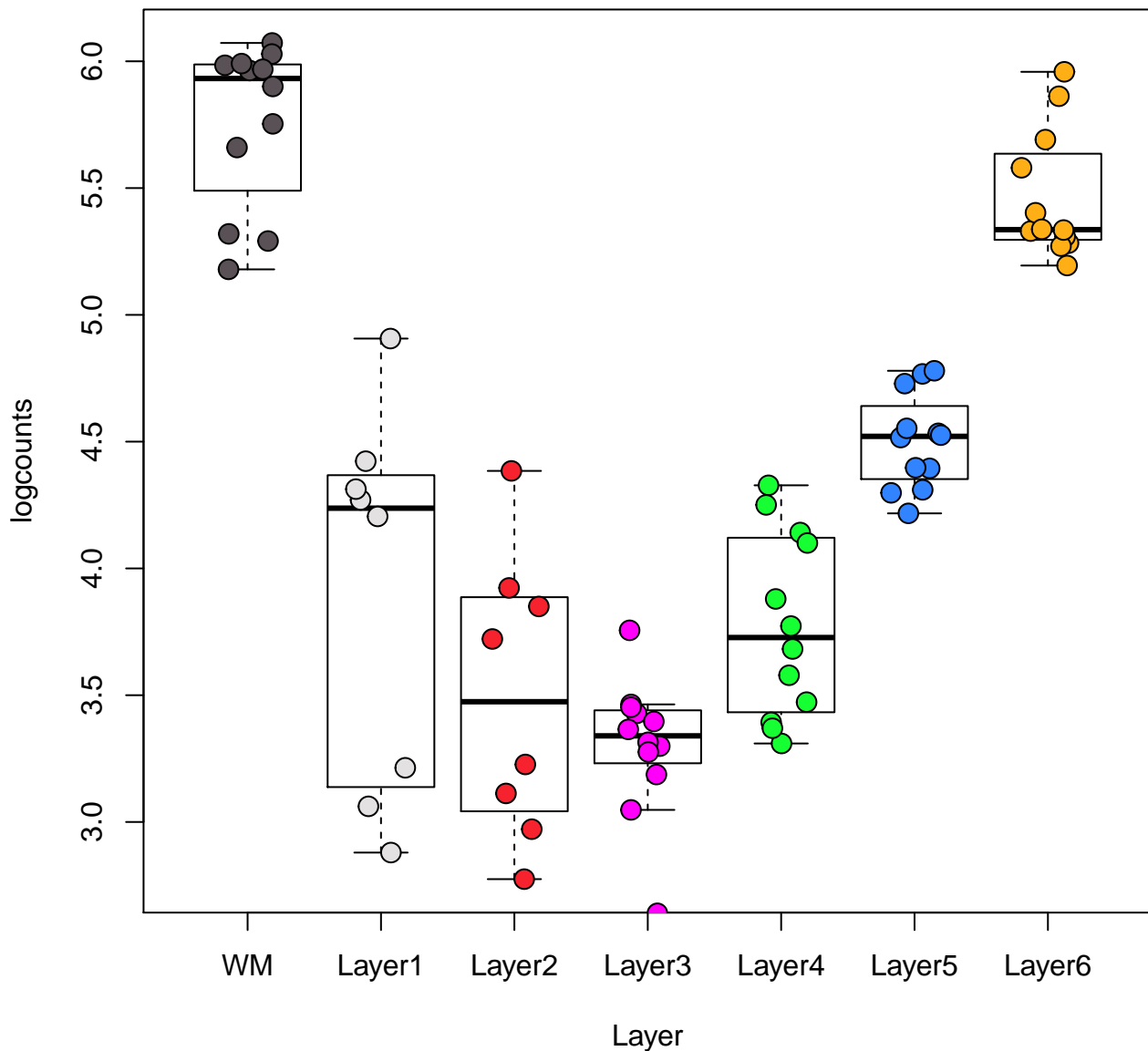
L6\_r5;L6-L2\_r9;L6-L3\_r7



# SHB ENSG00000107338 Layer6-Layer3

tstat 1.37e+01 p 1.22e-21

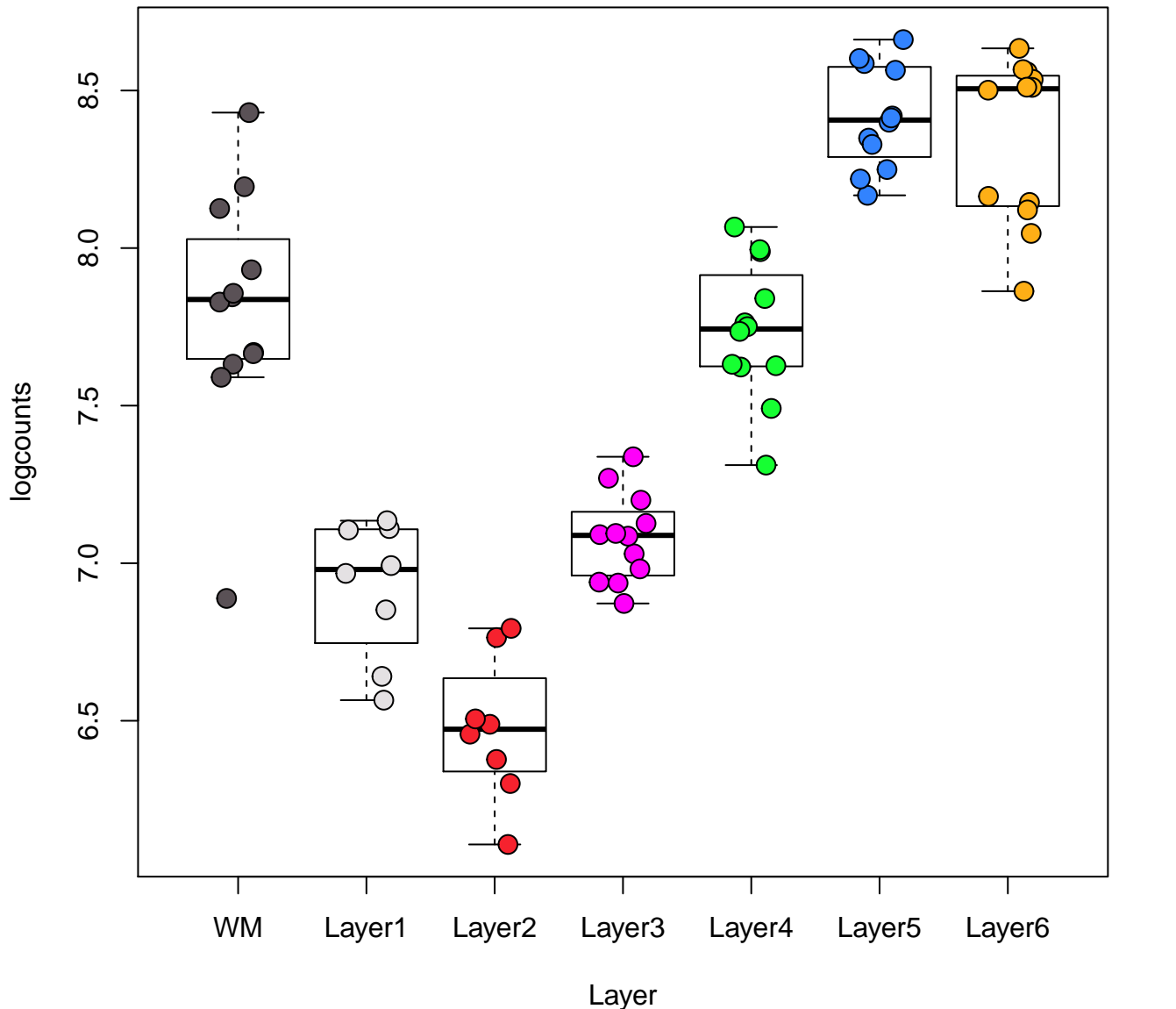
L6-L3\_r8



# EFHD2 ENSG00000142634 Layer6-Layer3

tstat 1.34e+01 p 2.99e-21

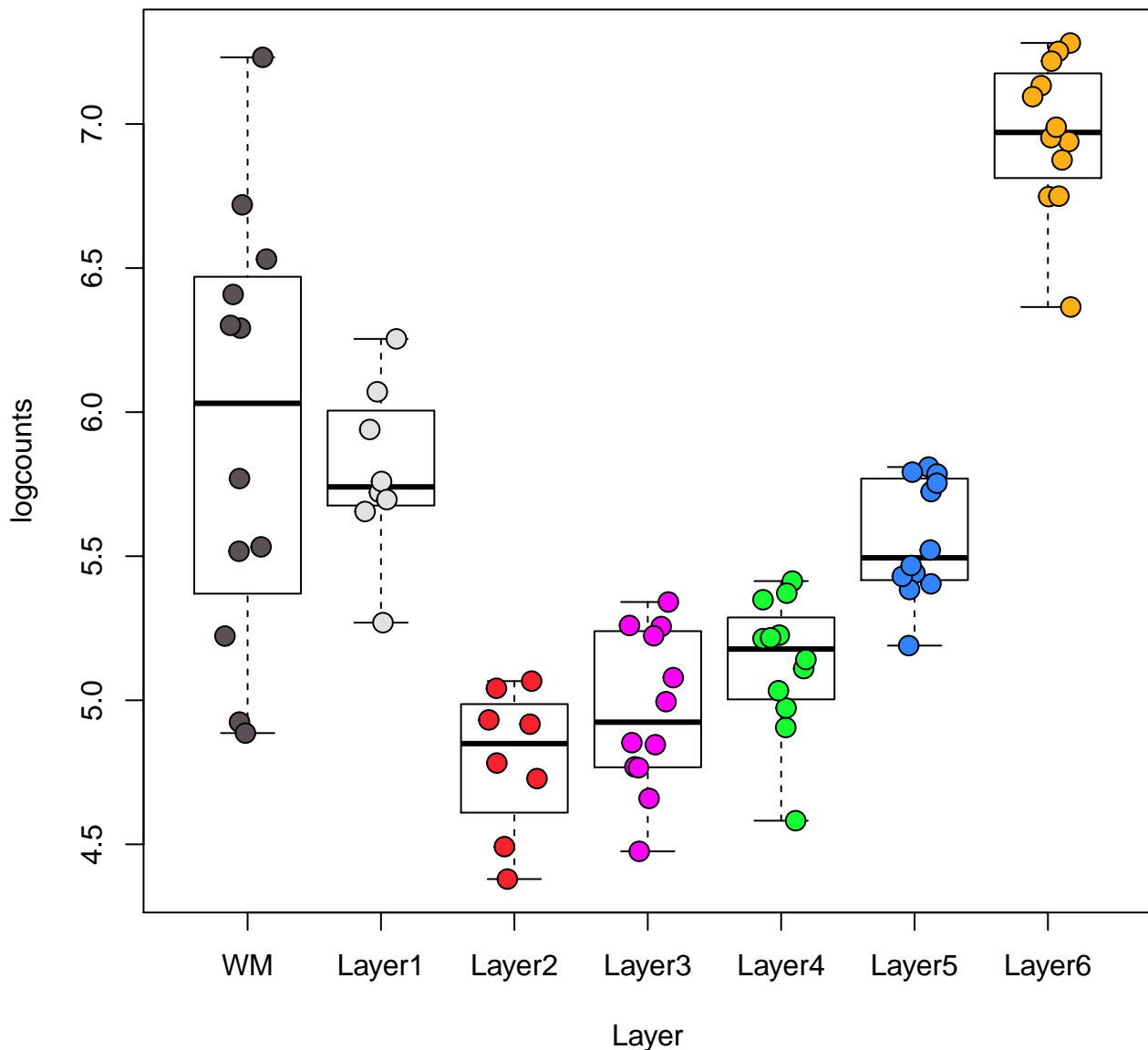
L5-L1\_r8;L6-L1\_r9;L4-L2\_r7;L5-L2\_r1;L6-L2\_r2;L4-L3\_r4;L5-L3\_r3;L6-L3\_r5



# ISLR ENSG00000129009 Layer6-Layer3

tstat 1.34e+01 p 3.97e-21

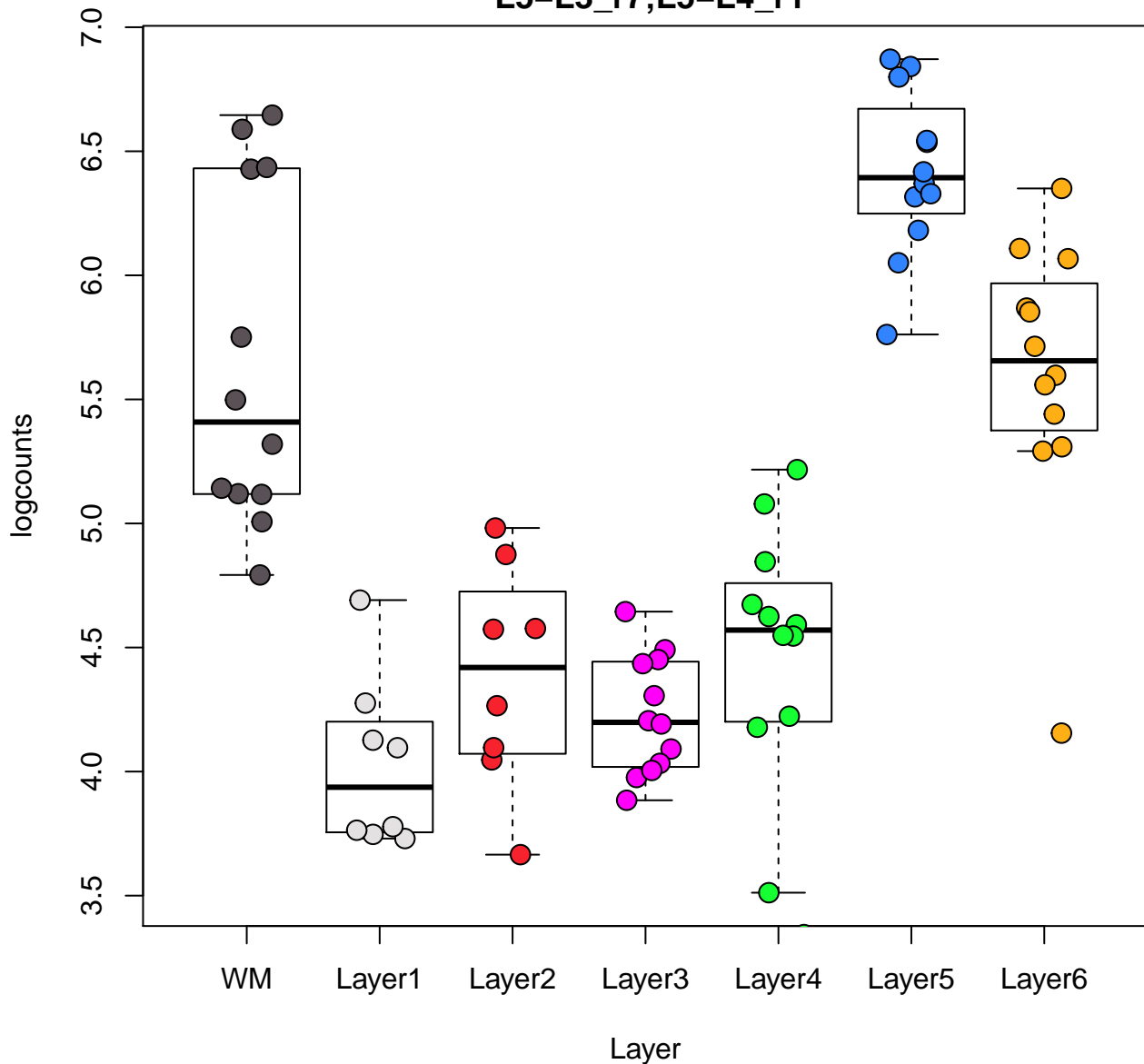
L6\_r1;L6-L2\_r10;L6-L3\_r10;L6-L4\_r7;L6-L5\_r4



RPRM ENSG00000177519 Layer5-Layer4

tstat 1.08e+01 p 1.29e-16

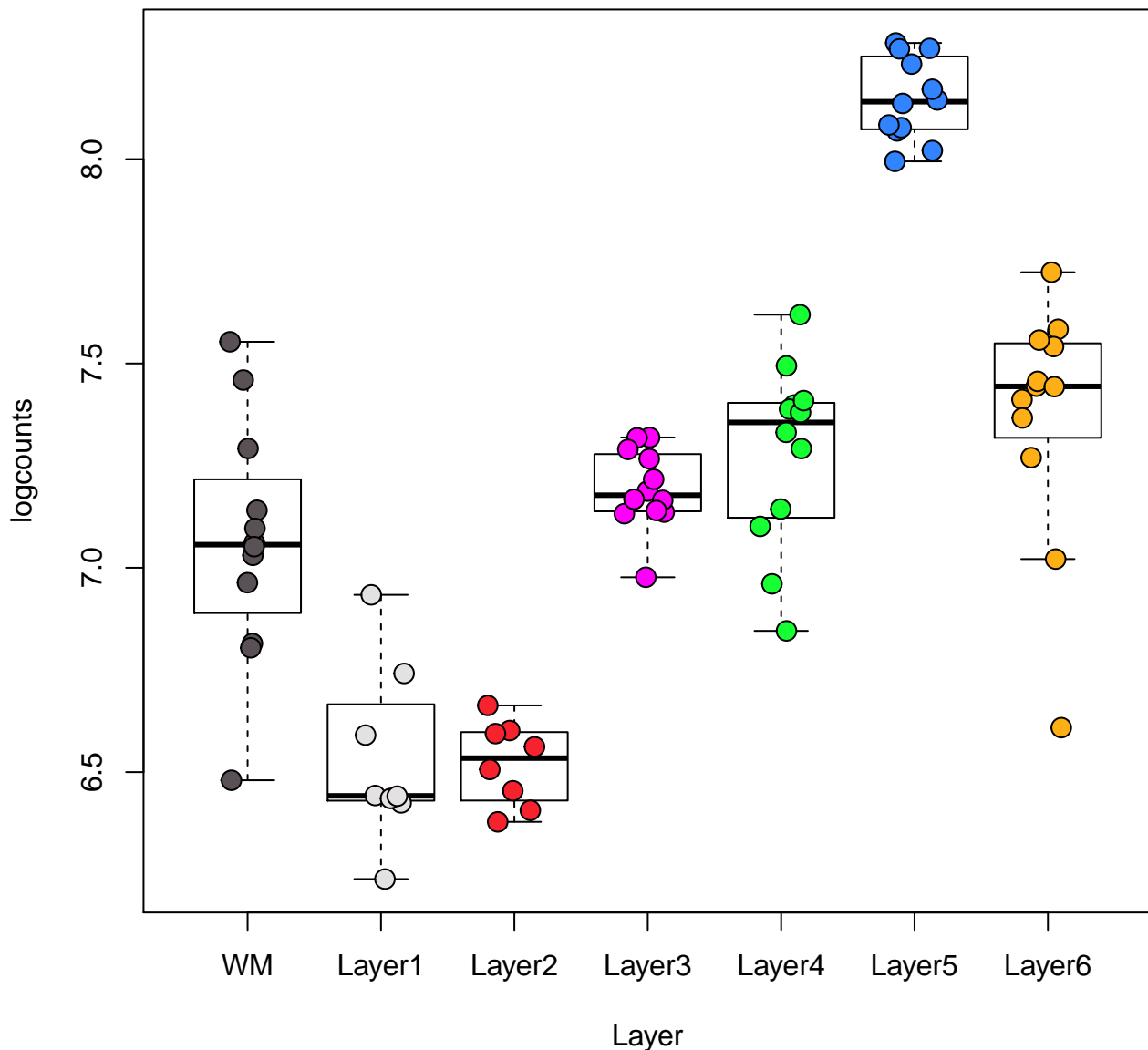
L5-L3\_r7;L5-L4\_r1



**CAMK2D ENSG00000145349 Layer5-Layer4**

**tstat 9.91e+00 p 4.72e-15**

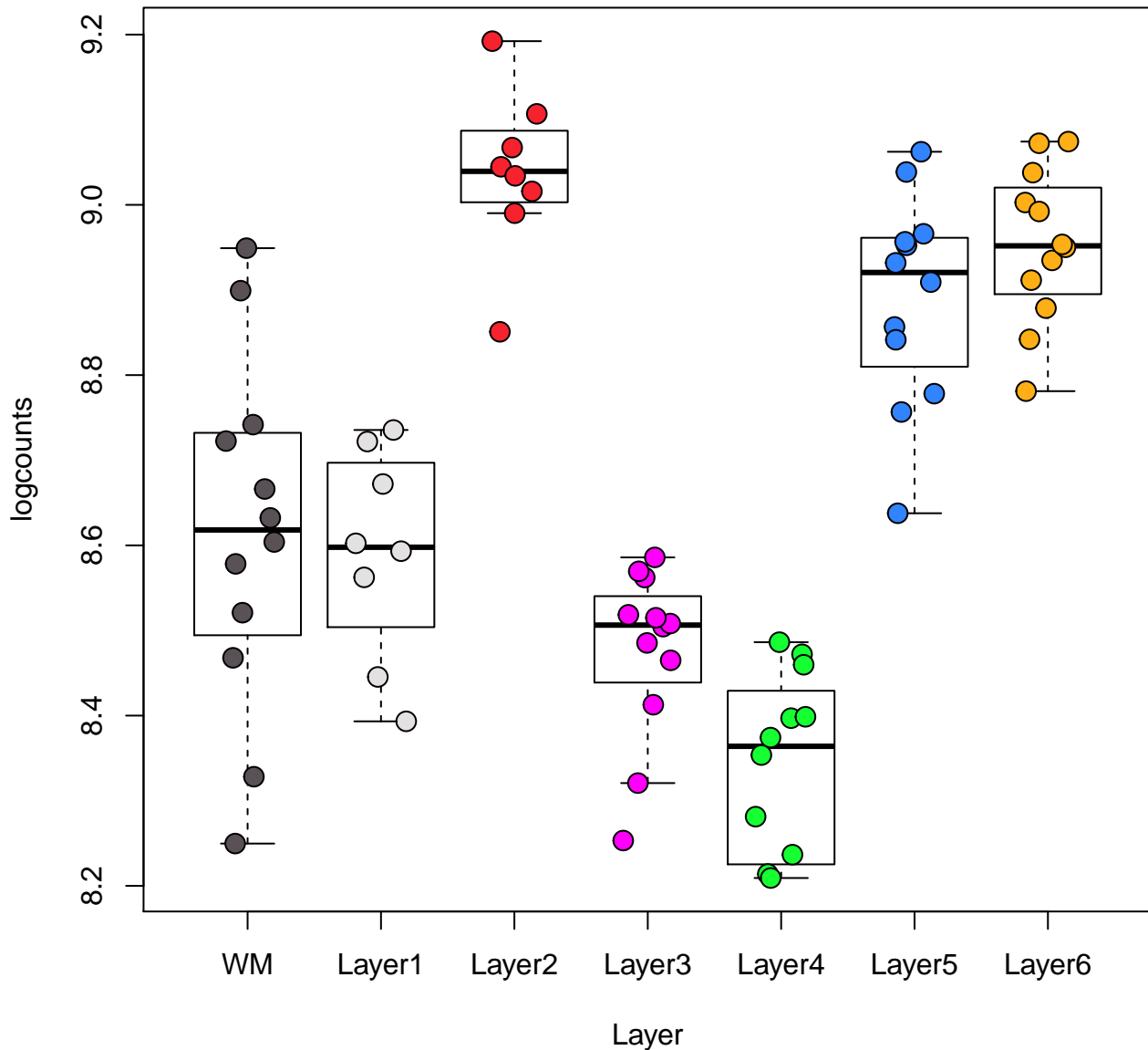
**L5\_r2;L5-L6\_r8;L5-L1\_r2;L5-L2\_r2;L5-L4\_r2**



# PHYHIPL ENSG00000165443 Layer5-Layer4

tstat 9.76e+00 p 8.80e-15

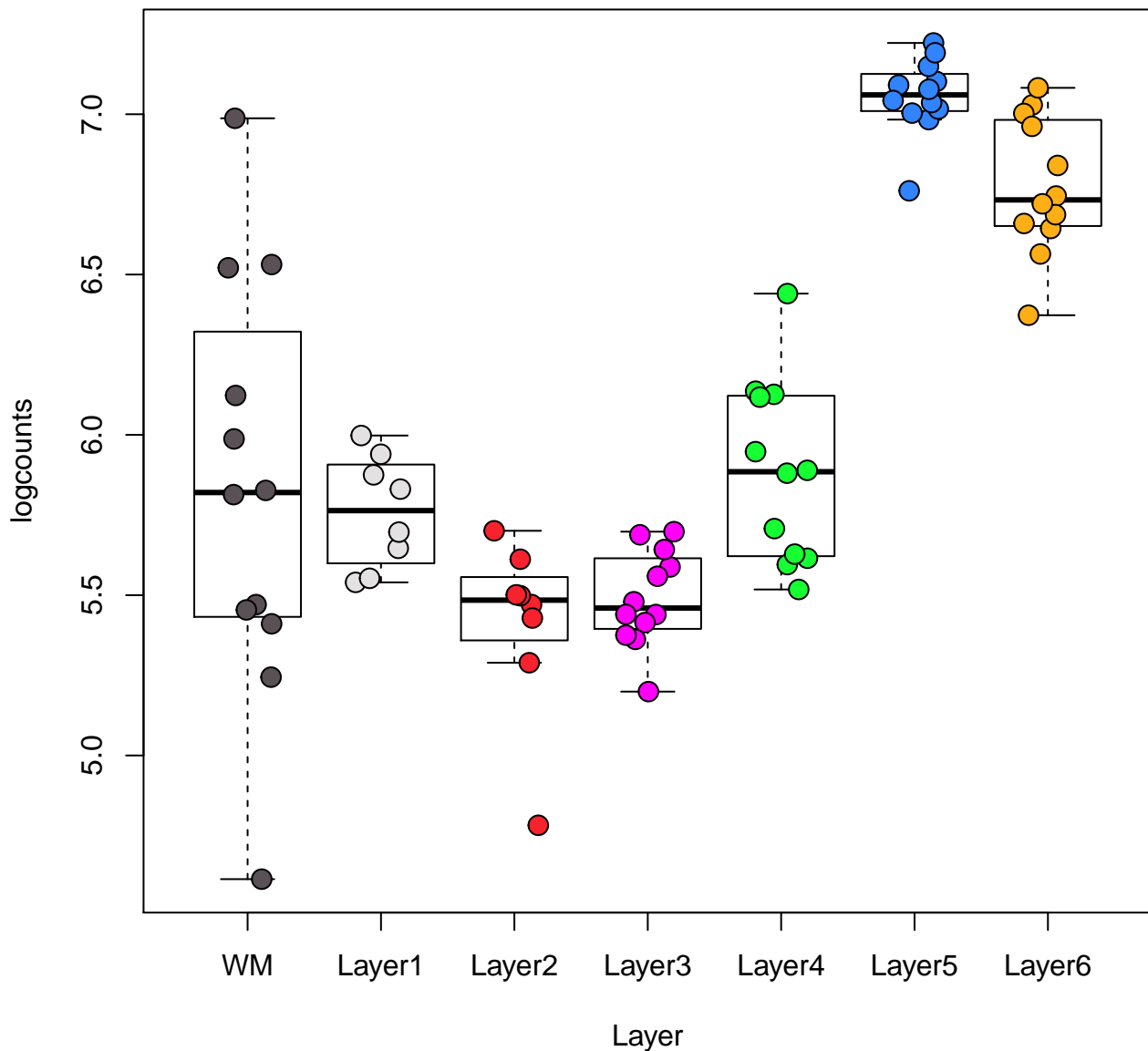
L2-L3\_r6;L5-L4\_r3



# ETV1 ENSG00000006468 Layer5-Layer4

tstat 9.00e+00 p 2.28e-13

L5-L3\_r6;L5-L4\_r4

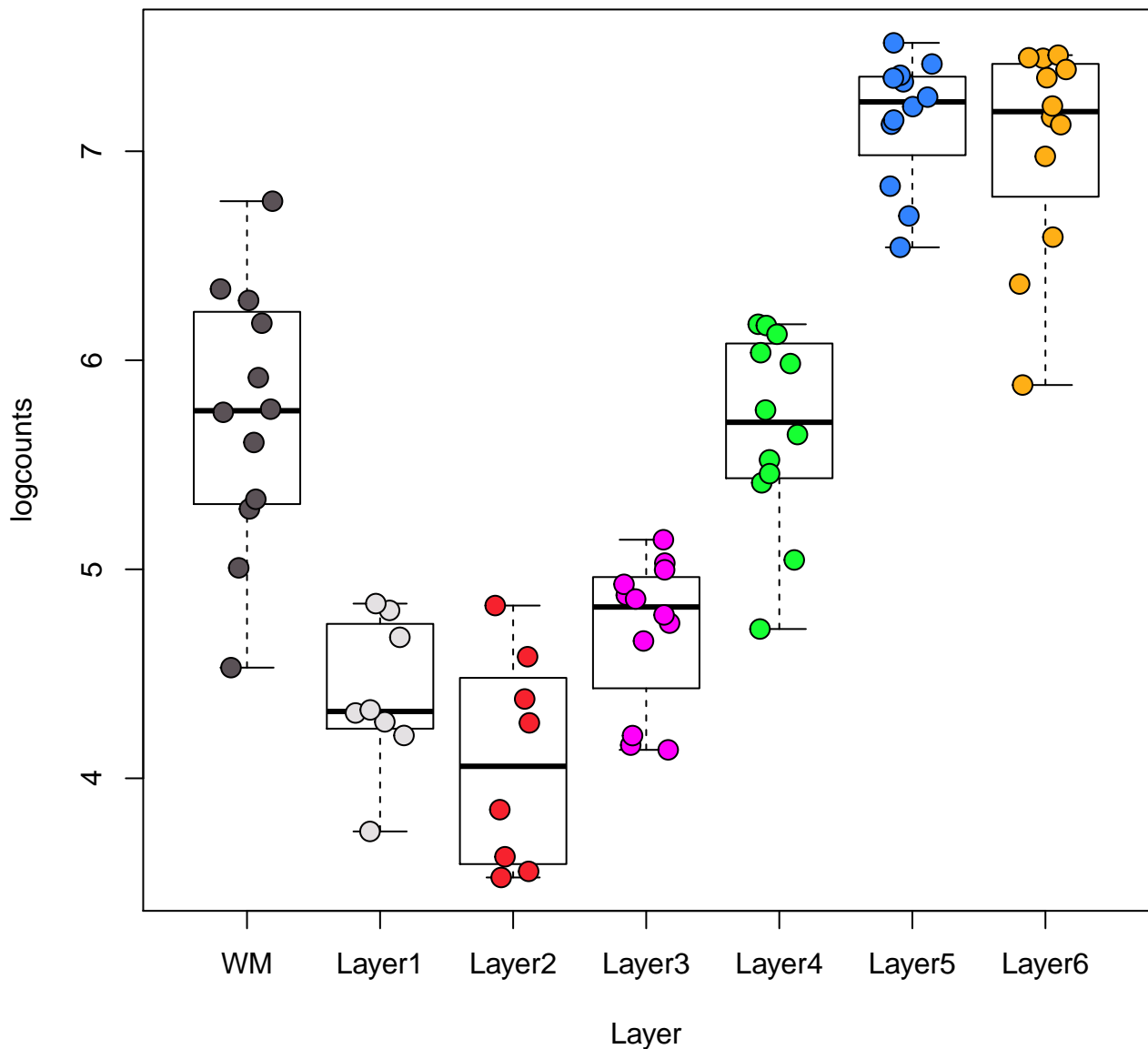




HS3ST2 ENSG00000122254 Layer5-Layer4

tstat 8.90e+00 p 3.38e-13

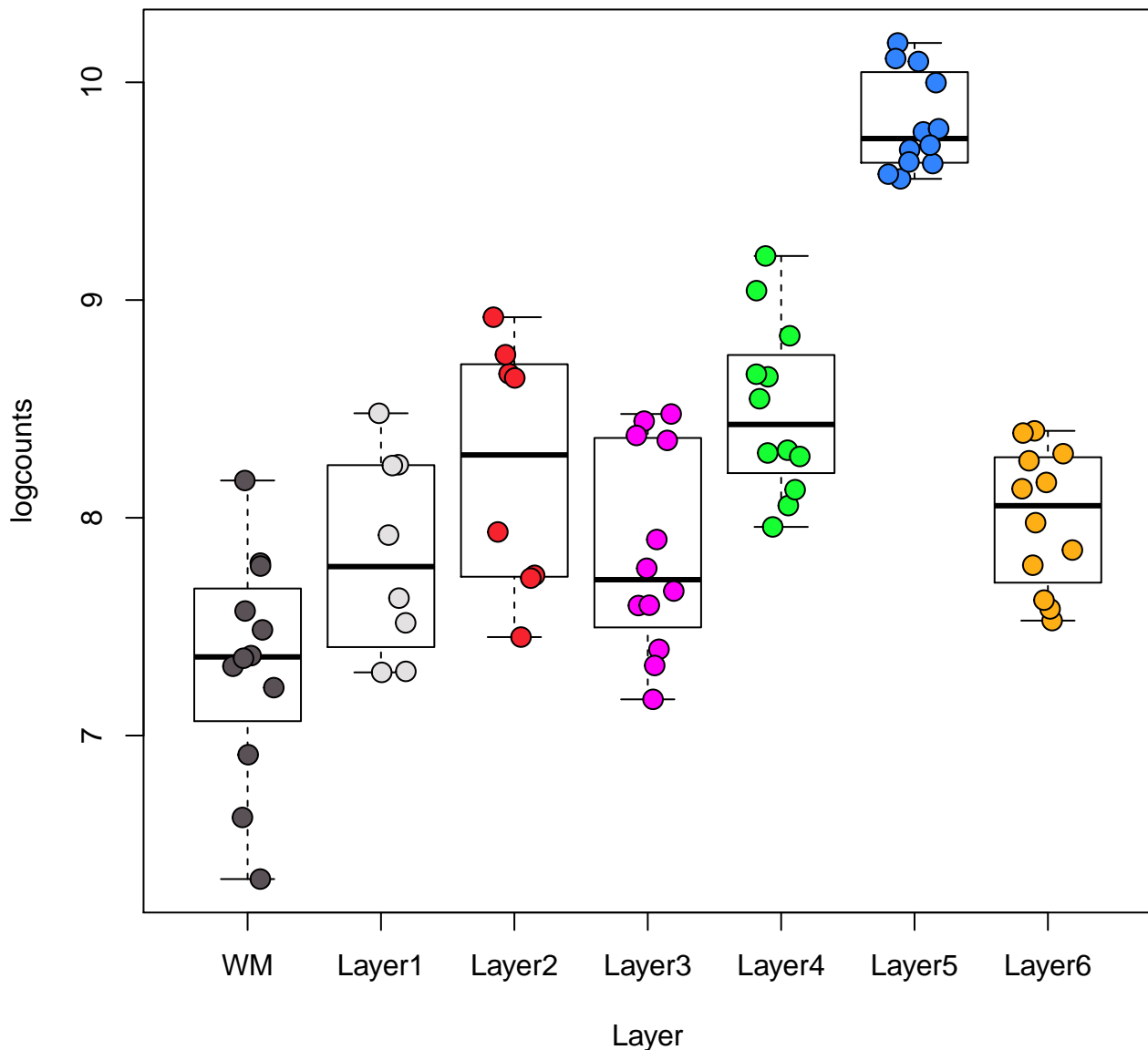
L5-L1\_r5;L6-L1\_r6;L5-L2\_r3;L6-L2\_r3;L5-L3\_r2;L6-L3\_r6;L5-L4\_r5



# PCP4 ENSG00000183036 Layer5-Layer4

tstat 8.90e+00 p 3.41e-13

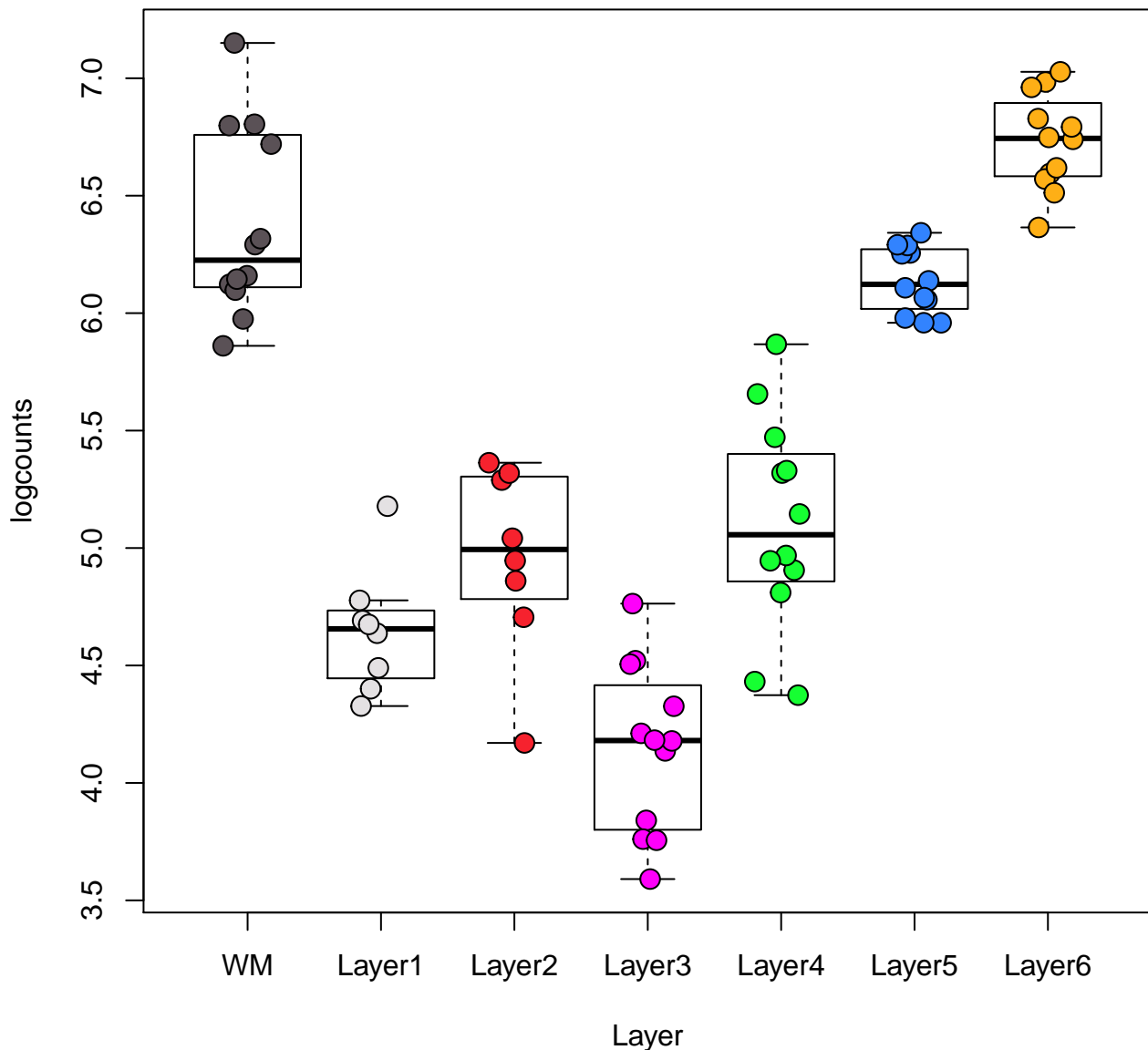
L5\_r1;L5-L6\_r2;L5-WM\_r3;L5-L3\_r4;L5-L4\_r6



# HS3ST4 ENSG00000182601 Layer5-Layer4

tstat 8.07e+00 p 1.21e-11

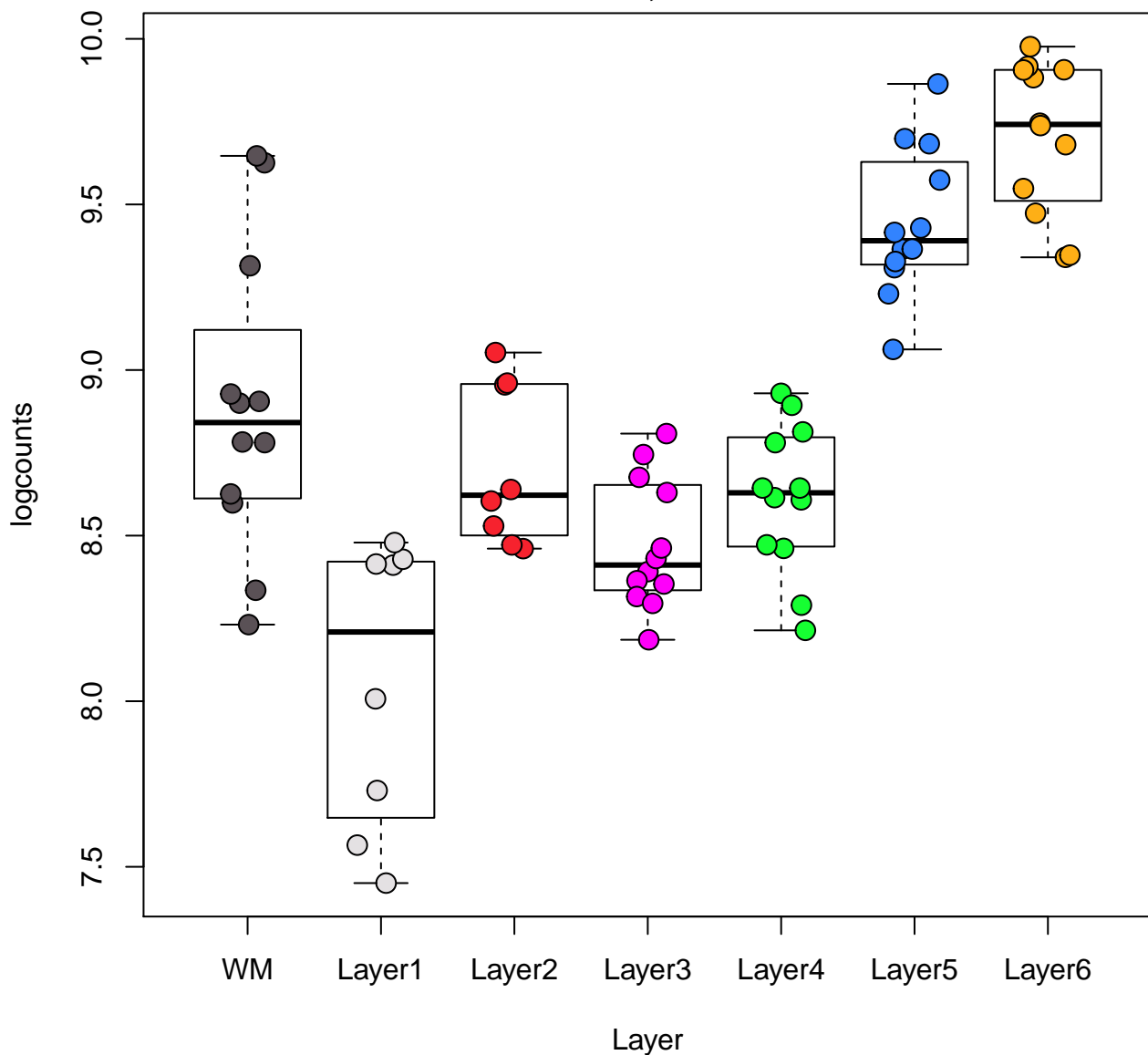
WM-L3\_r9;L6-L1\_r4;L4-L3\_r2;L5-L3\_r1;L6-L3\_r2;L5-L4\_r7;L6-L4\_r5



# DIRAS2 ENSG00000165023 Layer5-Layer4

tstat 8.00e+00 p 1.61e-11

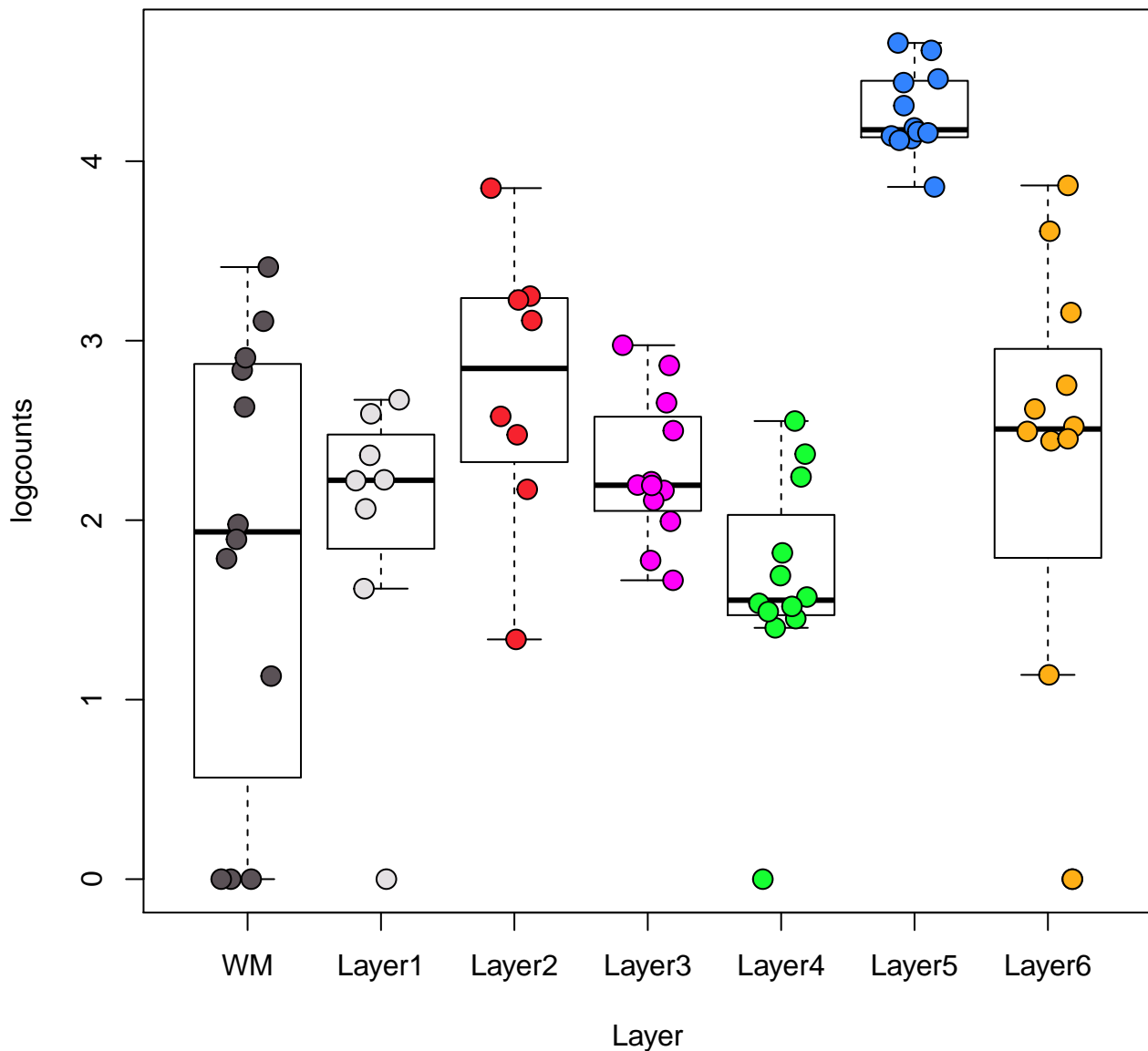
L6-L1\_r5;L5-L4\_r8



HTR2C ENSG00000147246 Layer5-Layer4

tstat 7.86e+00 p 2.88e-11

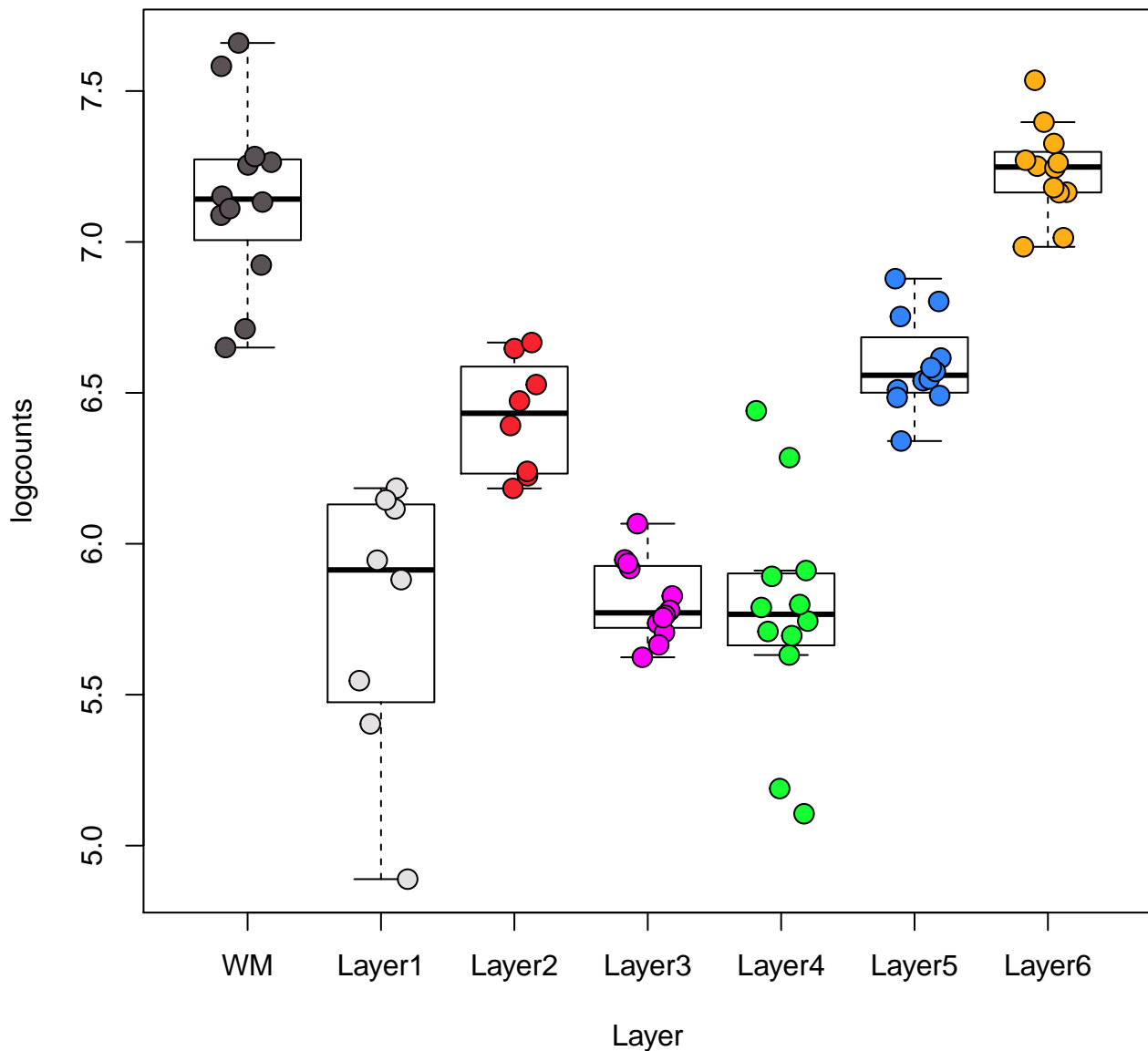
L5\_r6;L5-L4\_r9



# PCDH17 ENSG00000118946 Layer5-Layer4

tstat 7.76e+00 p 4.42e-11

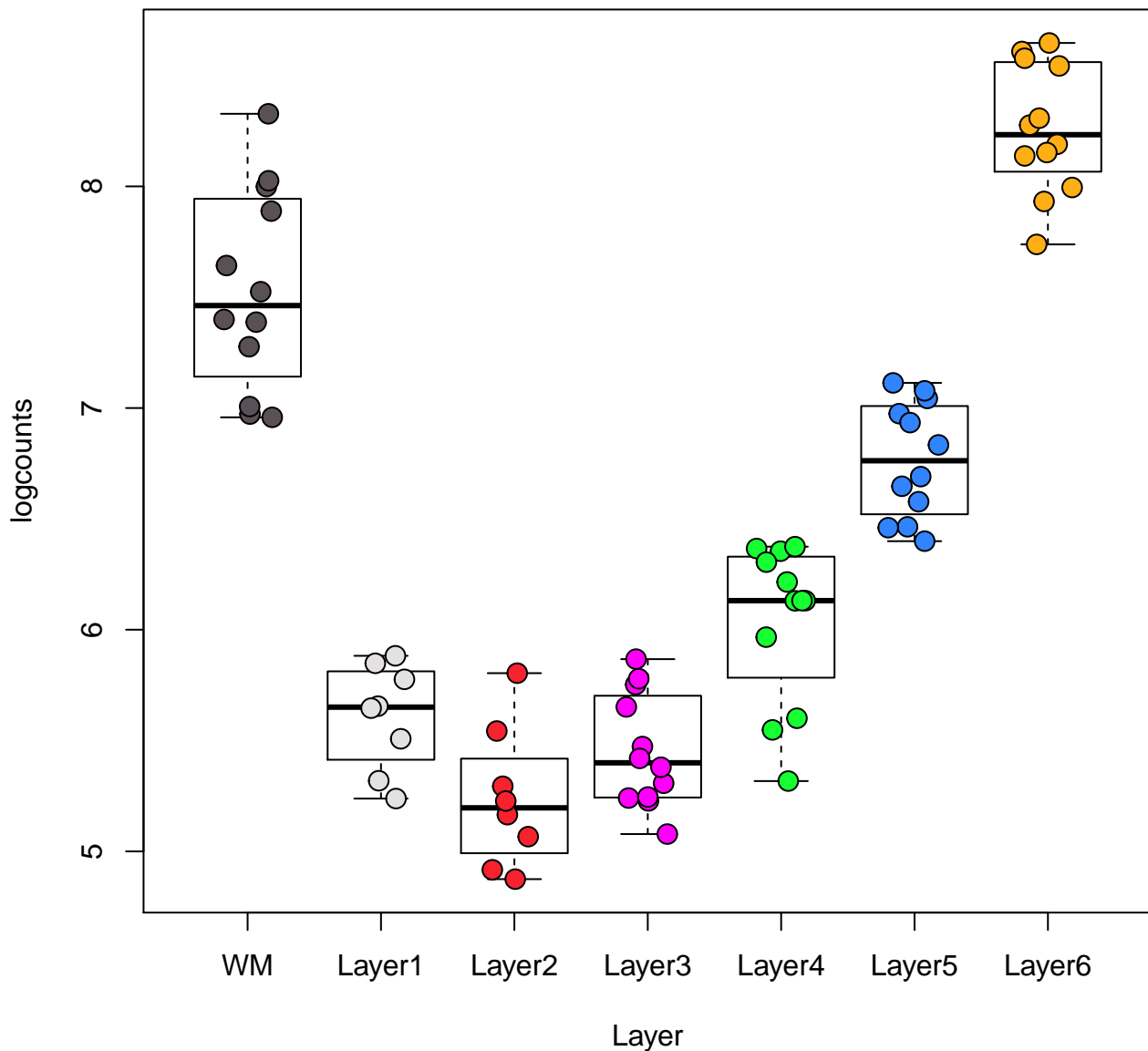
L5-L4\_r10;L6-L4\_r3



# KRT17 ENSG00000128422 Layer6-Layer4

tstat 1.73e+01 p 2.71e-27

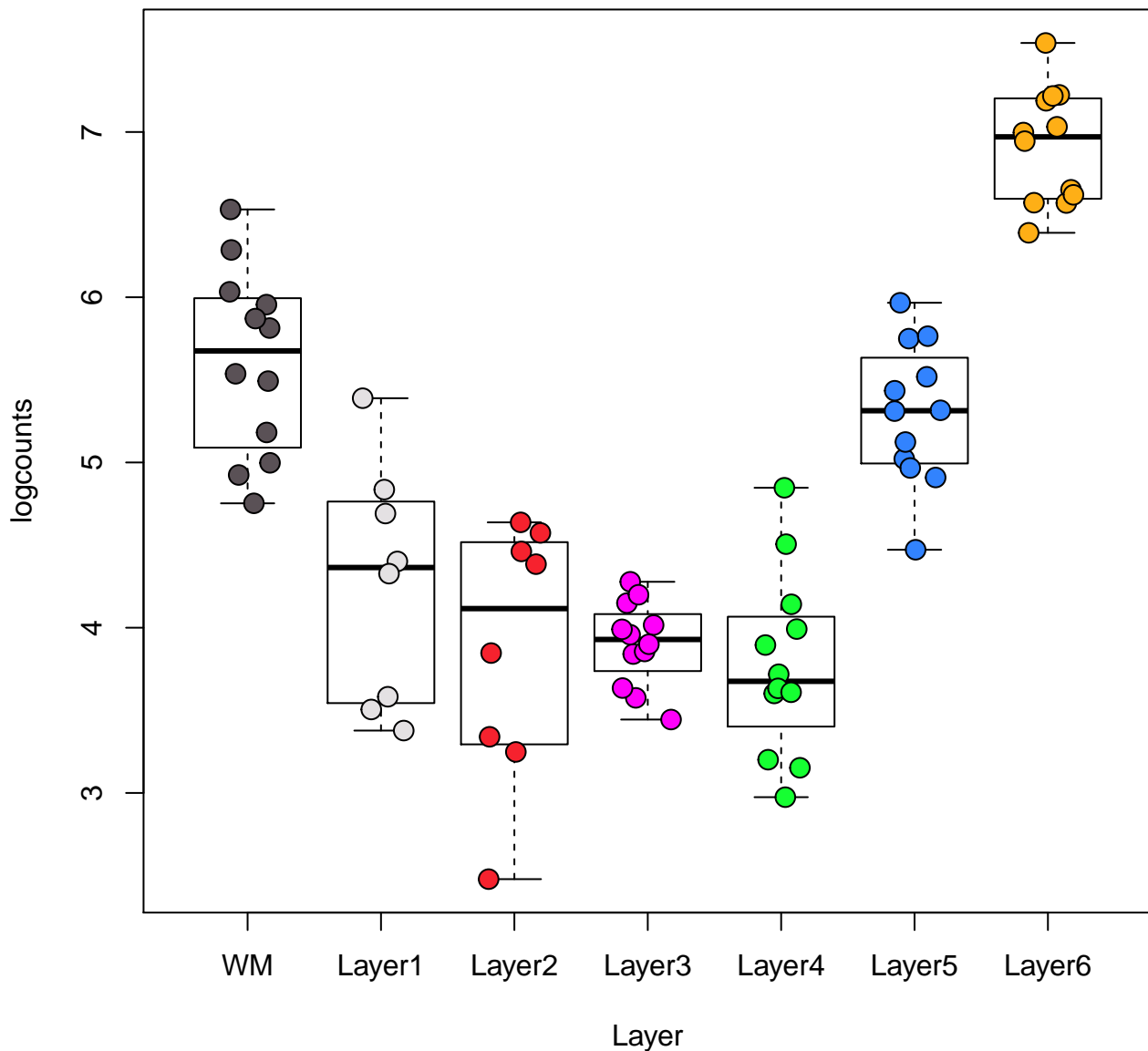
L6\_r9;L6-L1\_r1;L6-L2\_r1;L6-L3\_r1;L6-L4\_r1;L6-L5\_r1



NR4A2 ENSG00000153234 Layer6-Layer4

tstat 1.52e+01 p 4.47e-24

L6\_r2;L6-L2\_r8;L6-L3\_r4;L6-L4\_r2;L6-L5\_r8

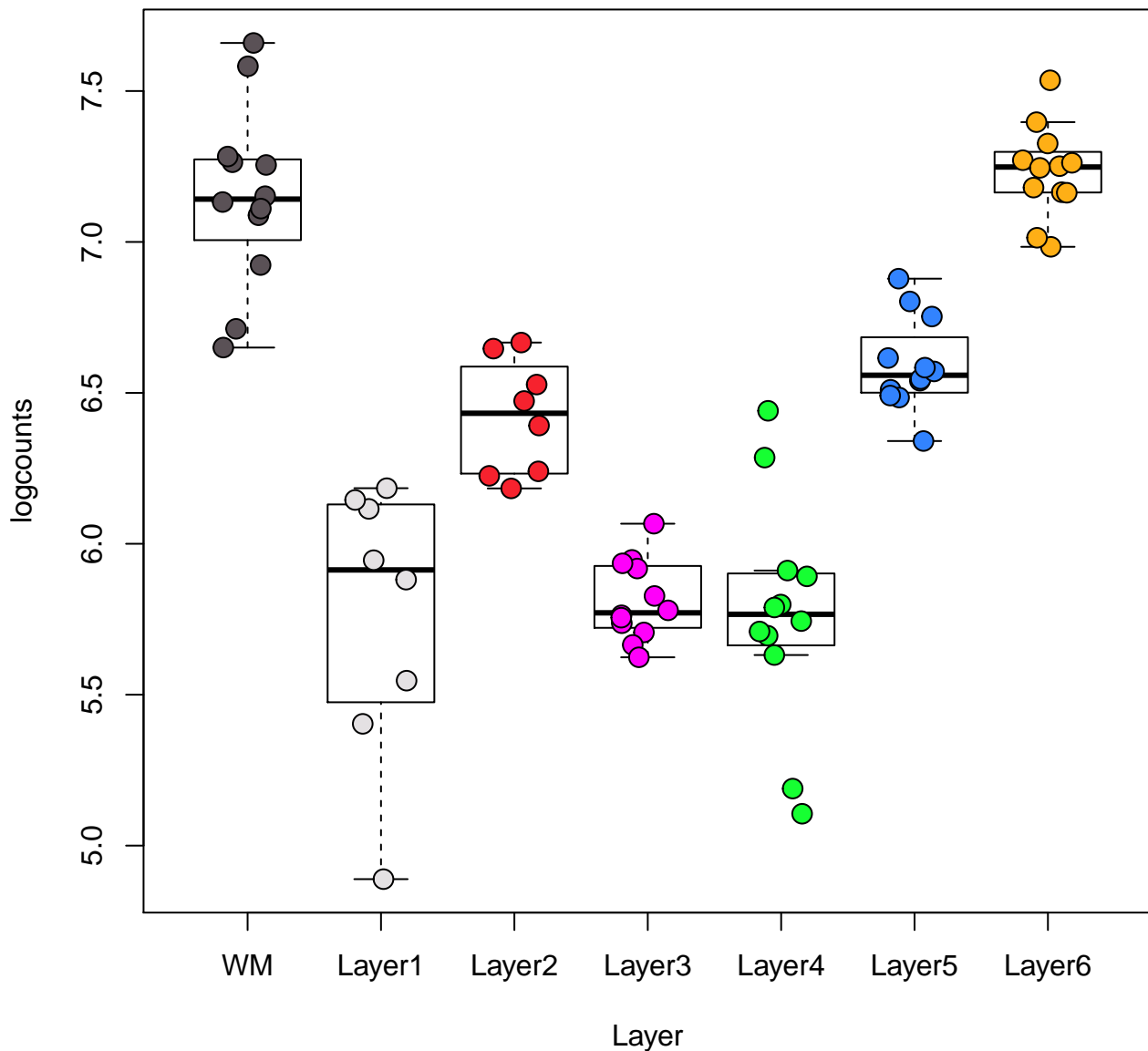




PCDH17 ENSG00000118946 Layer6-Layer4

tstat 1.38e+01 p 8.72e-22

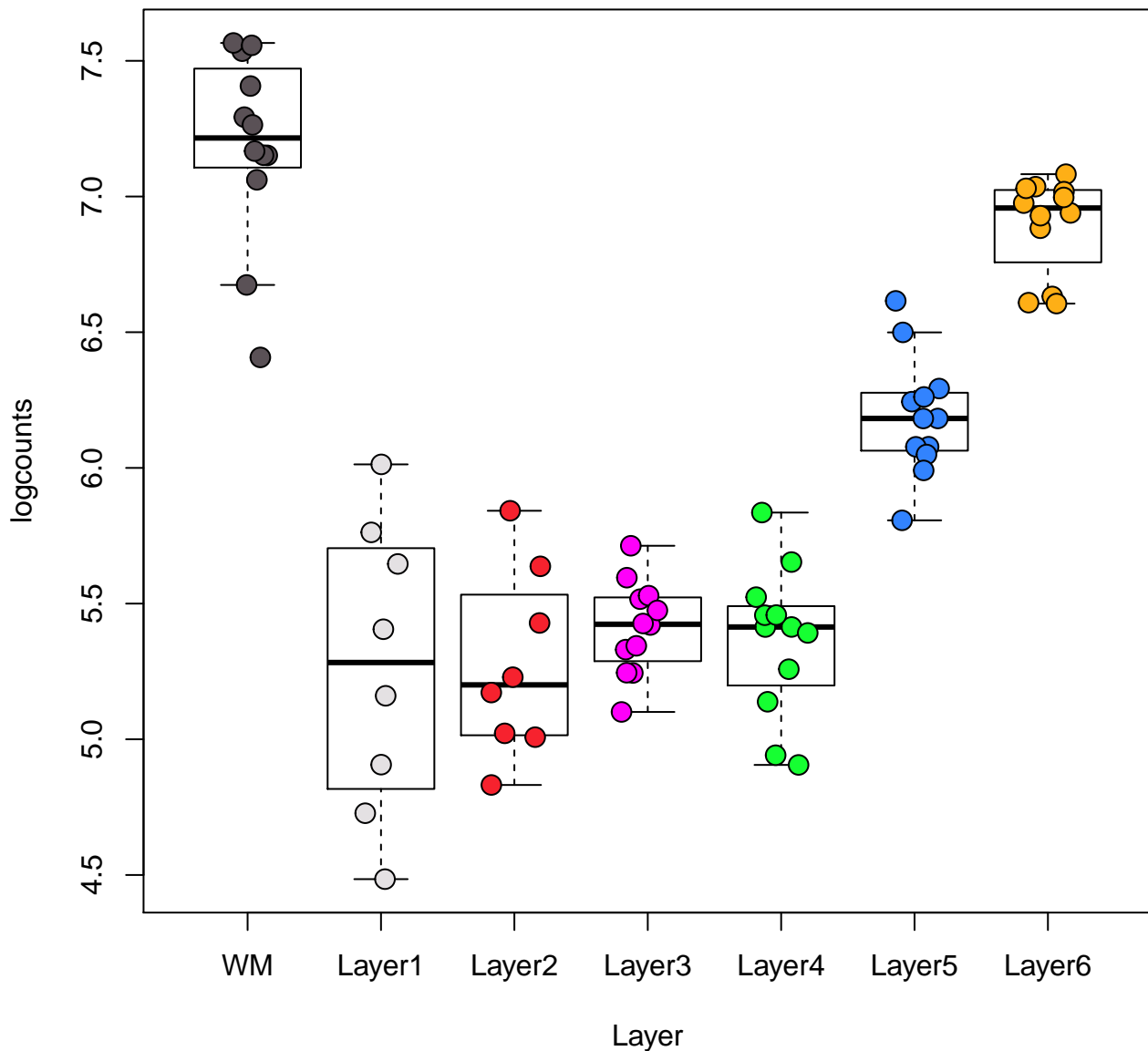
L5-L4\_r10;L6-L4\_r3



# TLE4 ENSG00000106829 Layer6-Layer4

tstat 1.30e+01 p 1.50e-20

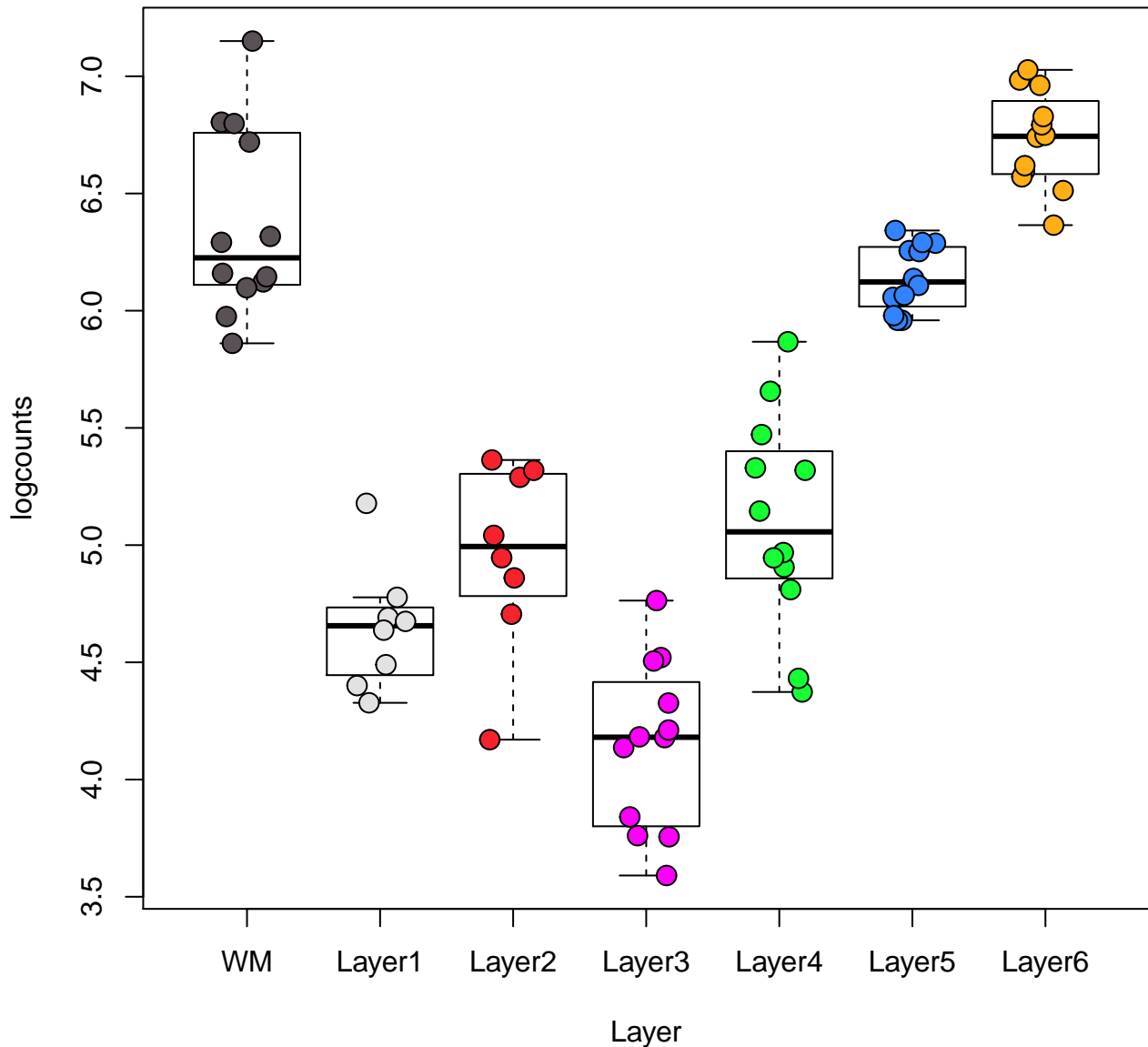
WM-L4\_r8;L6-L4\_r4



HS3ST4 ENSG00000182601 Layer6-Layer4

tstat 1.26e+01 p 7.21e-20

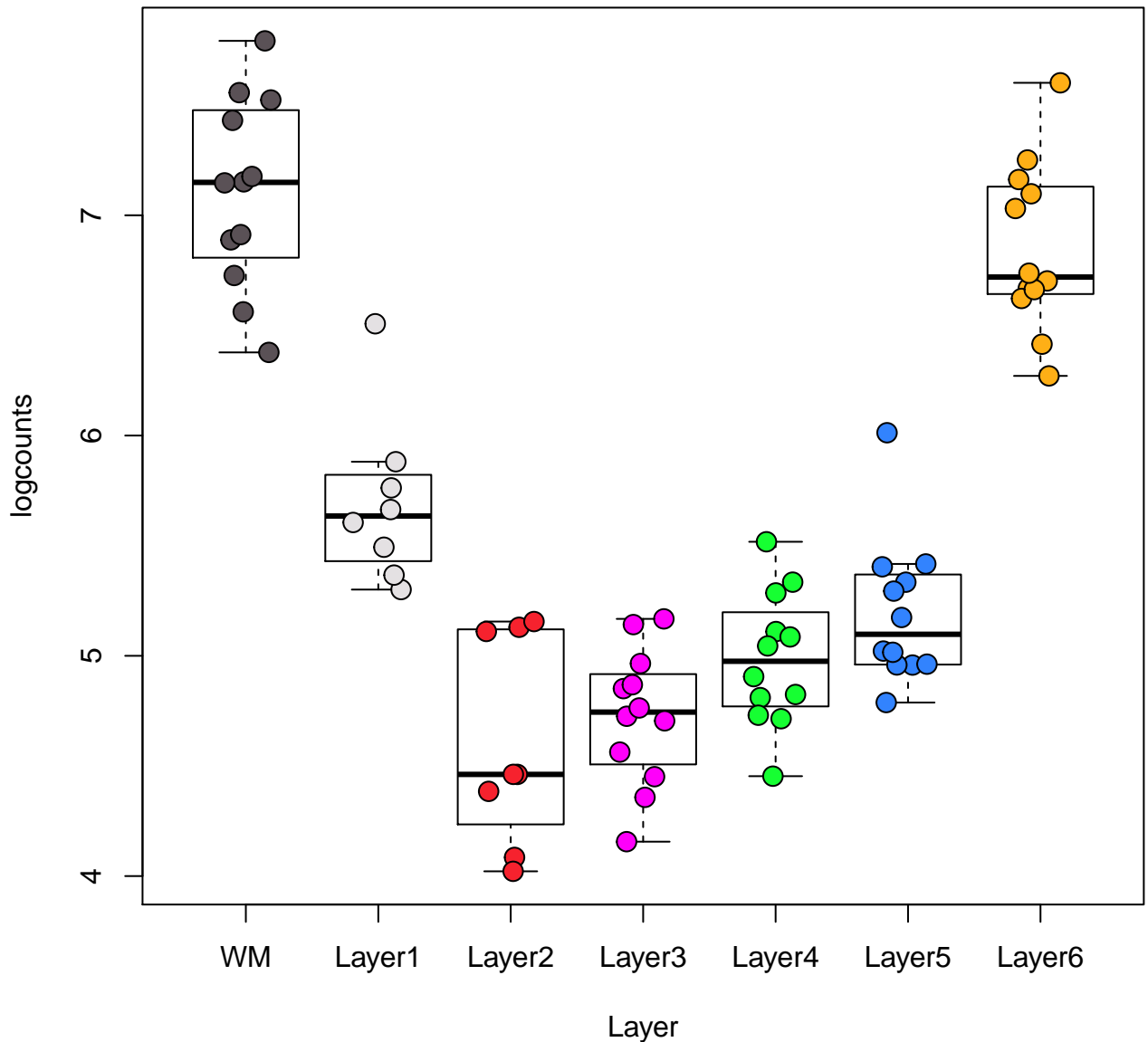
WM-L3\_r9;L6-L1\_r4;L4-L3\_r2;L5-L3\_r1;L6-L3\_r2;L5-L4\_r7;L6-L4\_r5



# CTGF ENSG00000118523 Layer6-Layer4

tstat 1.26e+01 p 9.52e-20

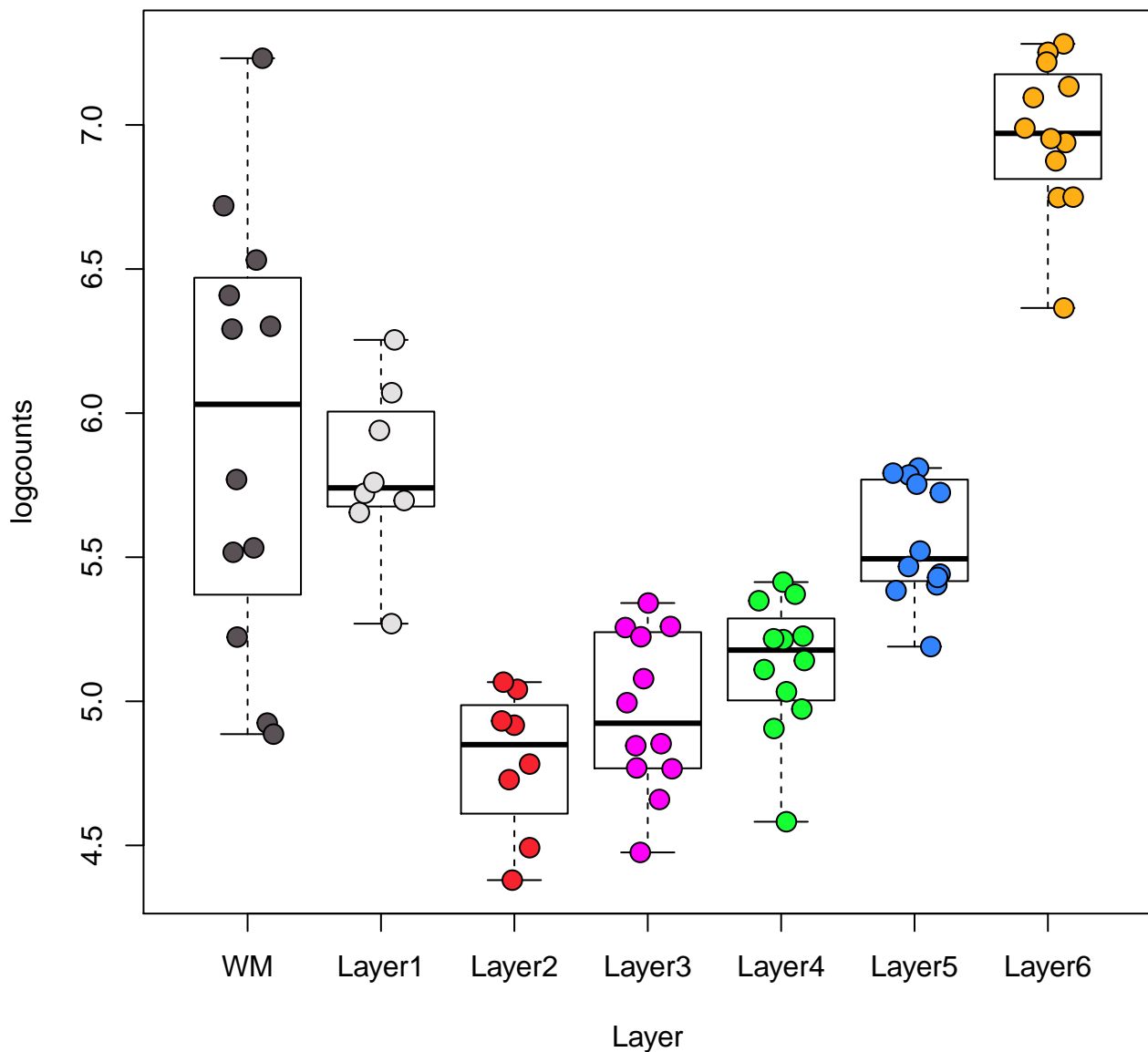
L6-L2\_r7;L6-L3\_r5;L6-L4\_r6;L6-L5\_r2



# ISLR ENSG00000129009 Layer6-Layer4

tstat 1.23e+01 p 3.14e-19

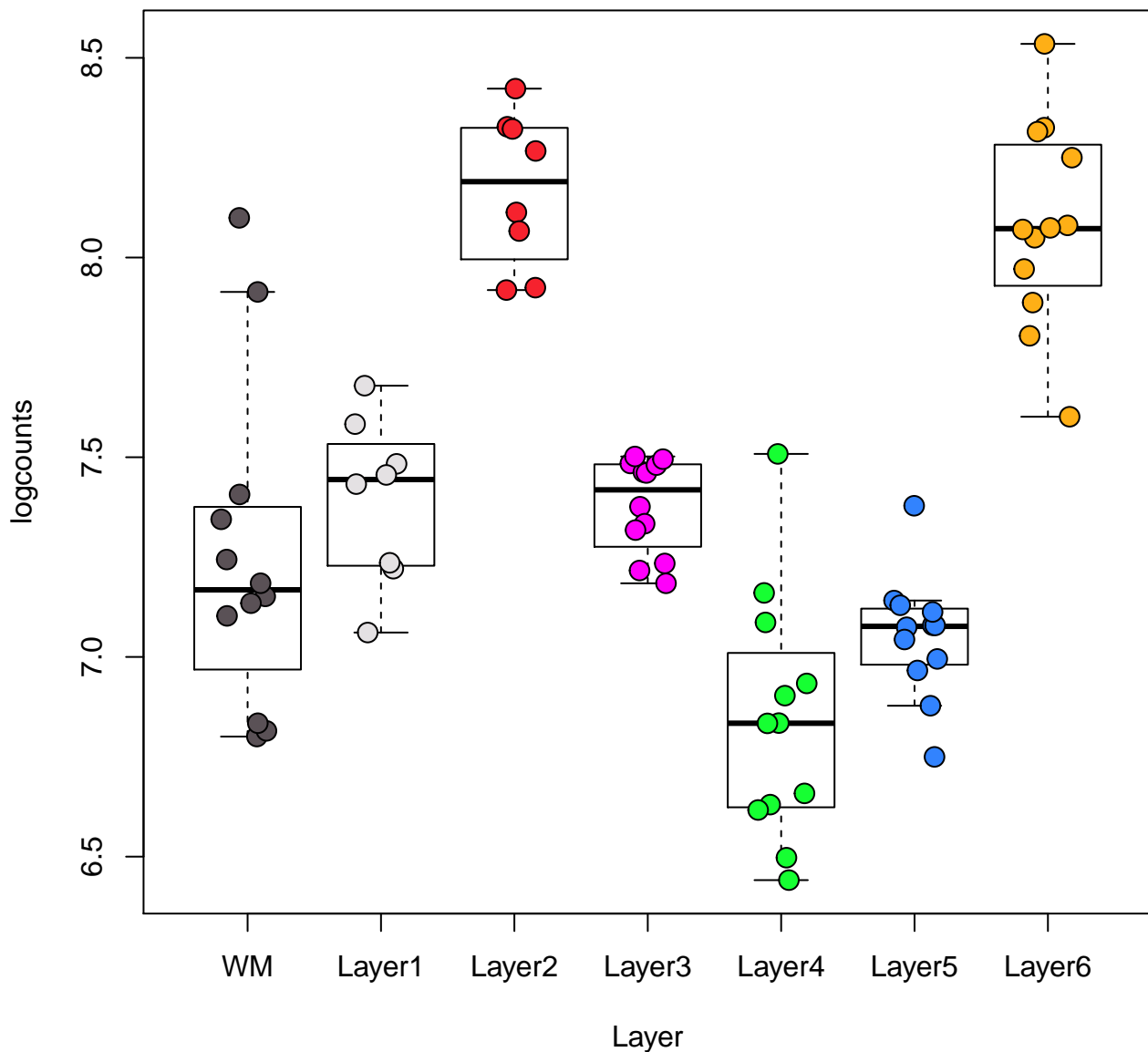
L6\_r1;L6-L2\_r10;L6-L3\_r10;L6-L4\_r7;L6-L5\_r4



# GNG2 ENSG00000186469 Layer6-Layer4

tstat 1.22e+01 p 4.28e-19

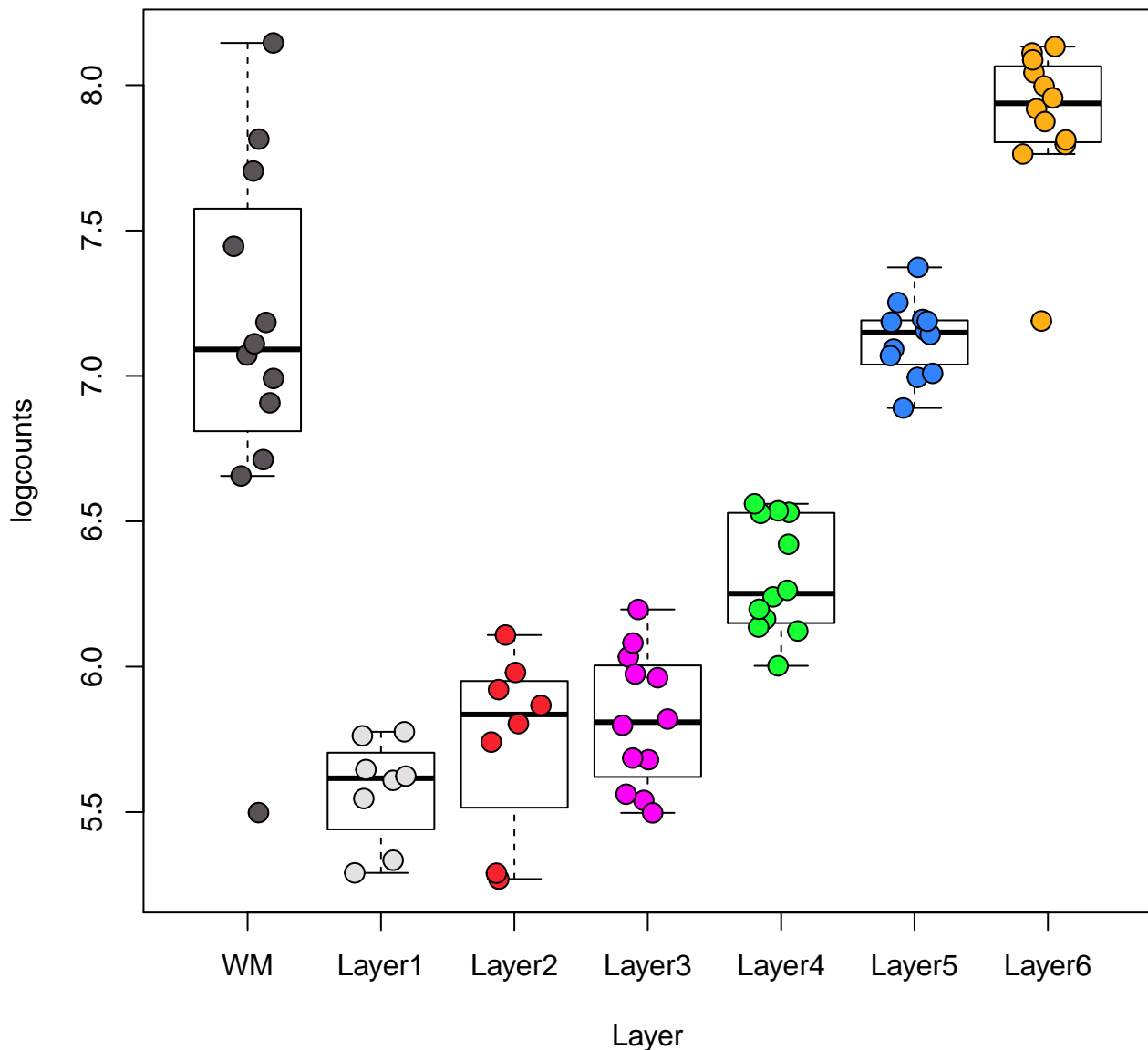
L2-L3\_r10;L6-L4\_r8;L6-L5\_r3



# B3GALT2 ENSG00000162630 Layer6-Layer4

tstat 1.18e+01 p 2.13e-18

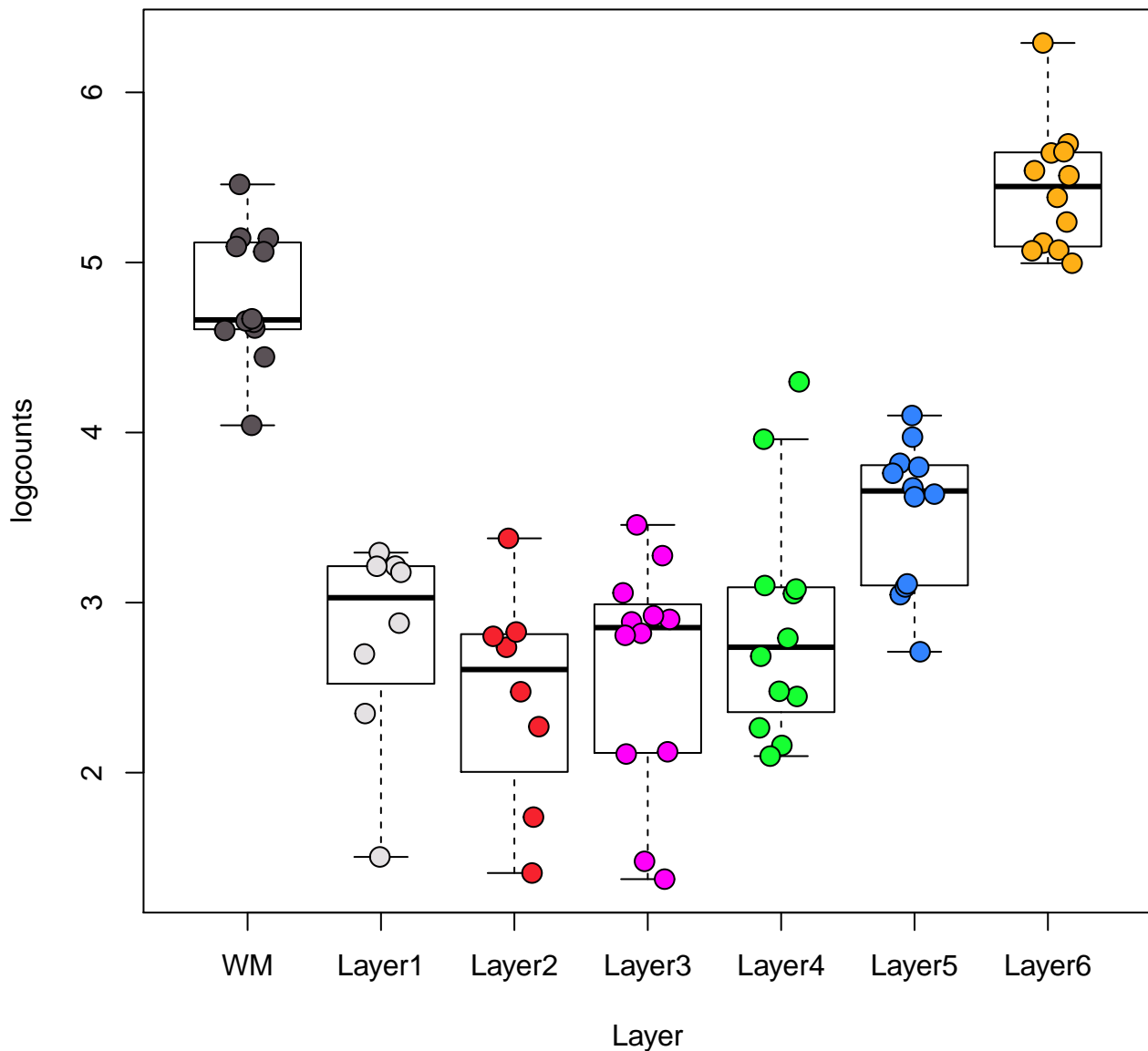
L6-L1\_r2;L6-L2\_r5;L6-L3\_r3;L6-L4\_r9



# OLFML2B ENSG00000162745 Layer6-Layer4

tstat 1.17e+01 p 2.45e-18

L6-L4\_r10;L6-L5\_r5

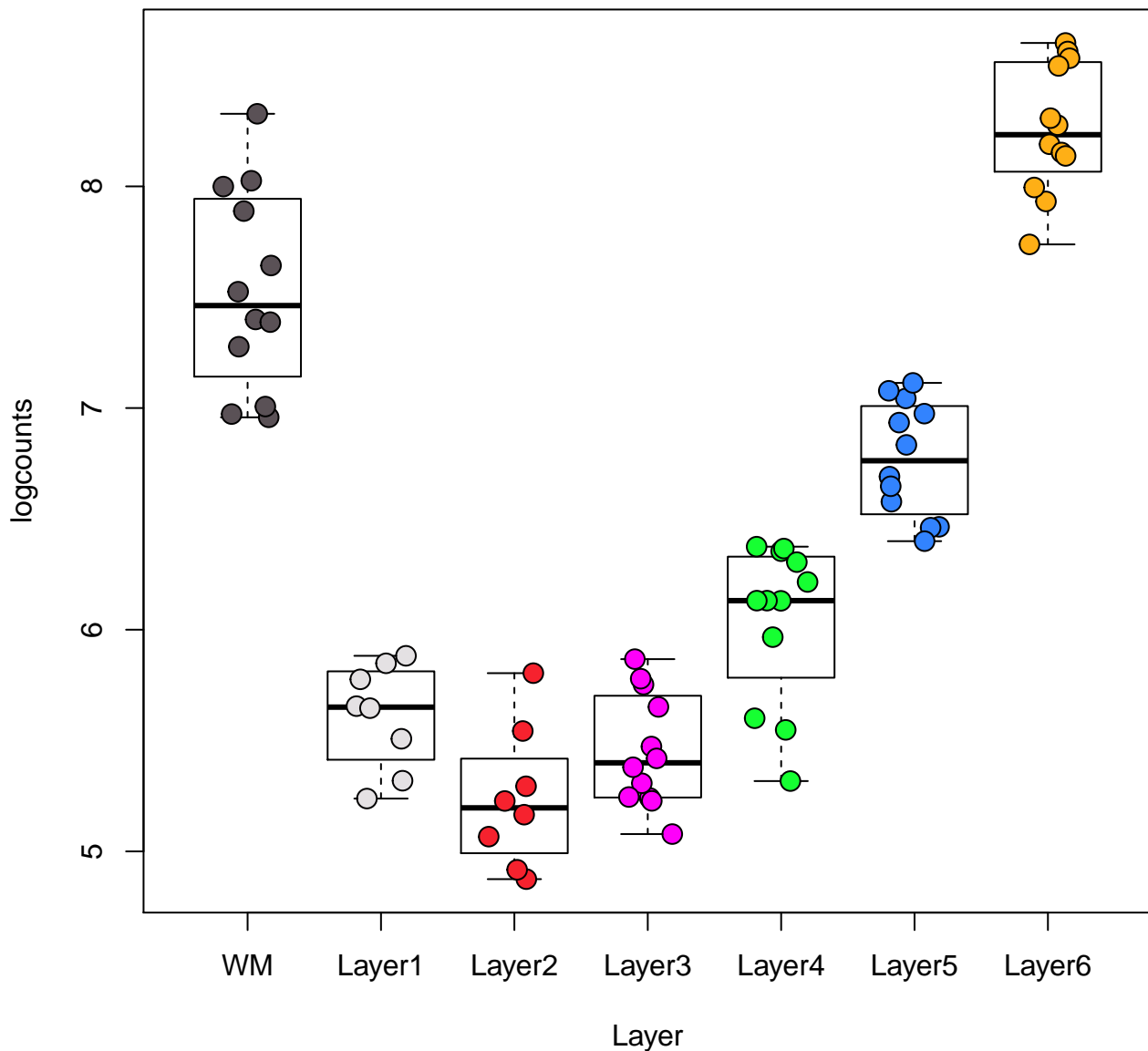




# KRT17 ENSG00000128422 Layer6-Layer5

tstat 1.16e+01 p 3.87e-18

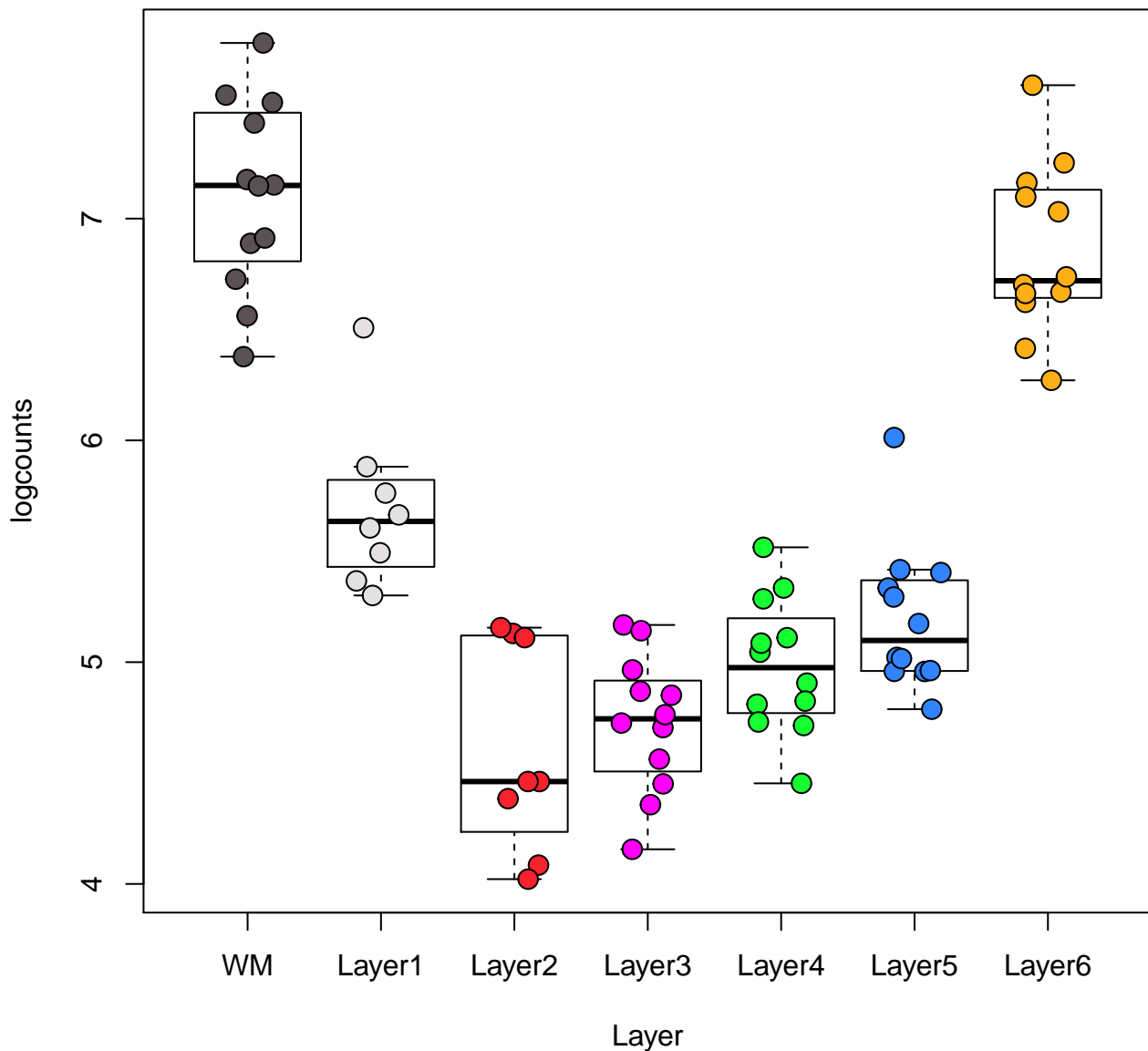
L6\_r9;L6-L1\_r1;L6-L2\_r1;L6-L3\_r1;L6-L4\_r1;L6-L5\_r1



# CTGF ENSG00000118523 Layer6-Layer5

tstat 1.11e+01 p 2.80e-17

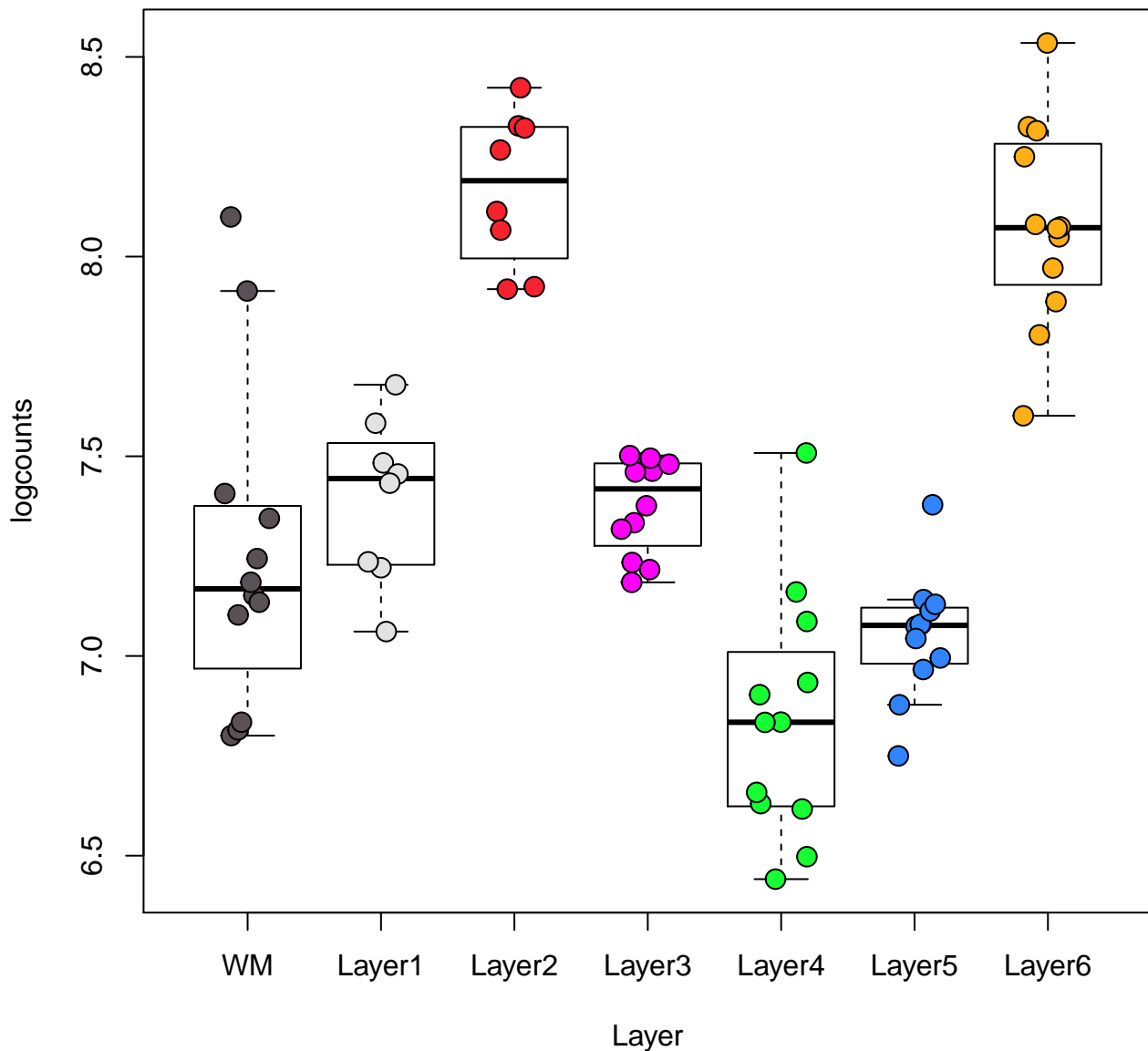
L6-L2\_r7;L6-L3\_r5;L6-L4\_r6;L6-L5\_r2



# GNG2 ENSG00000186469 Layer6-Layer5

tstat 1.01e+01 p 2.04e-15

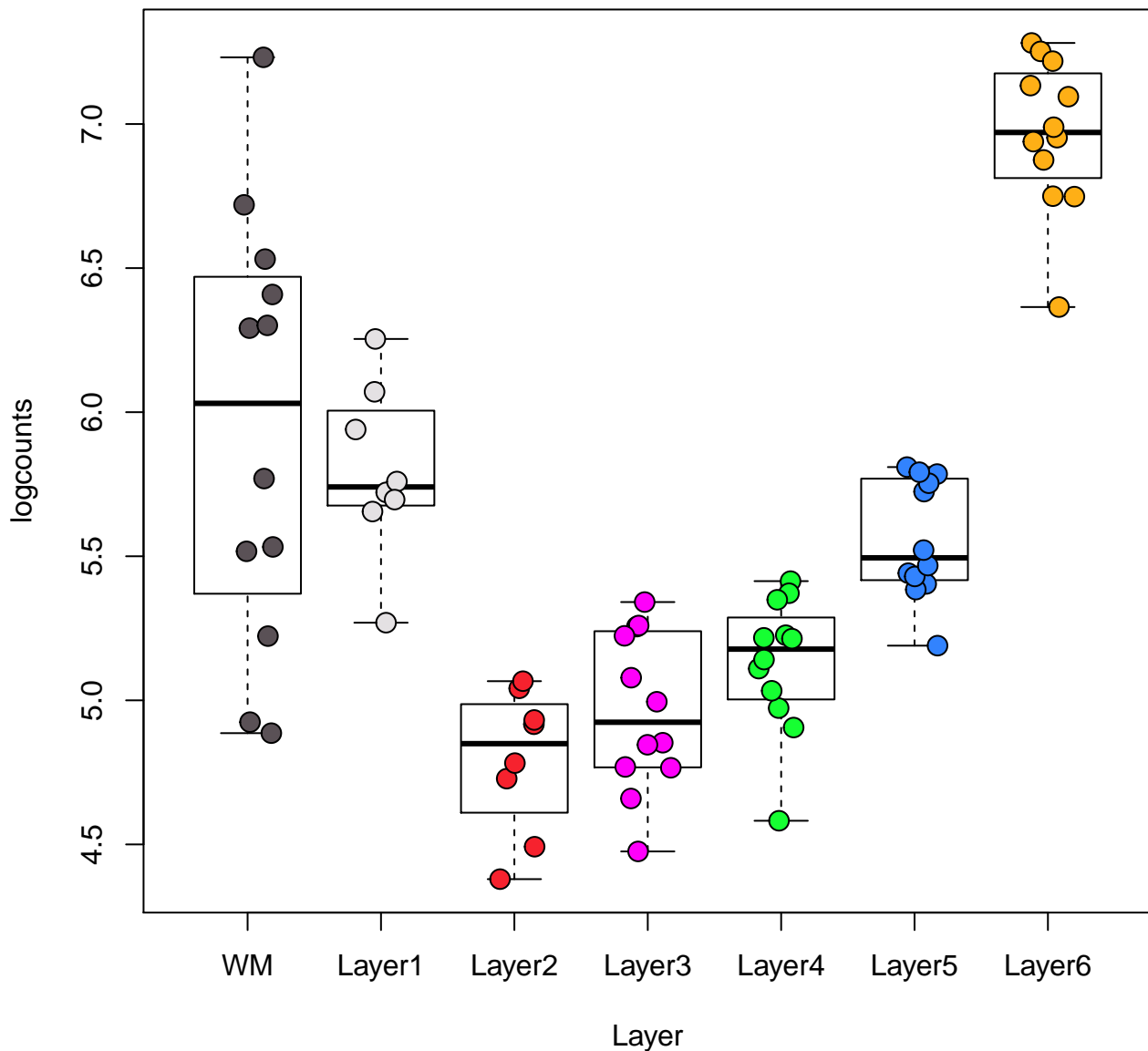
L2-L3\_r10;L6-L4\_r8;L6-L5\_r3



# ISLR ENSG00000129009 Layer6-Layer5

tstat 9.39e+00 p 4.35e-14

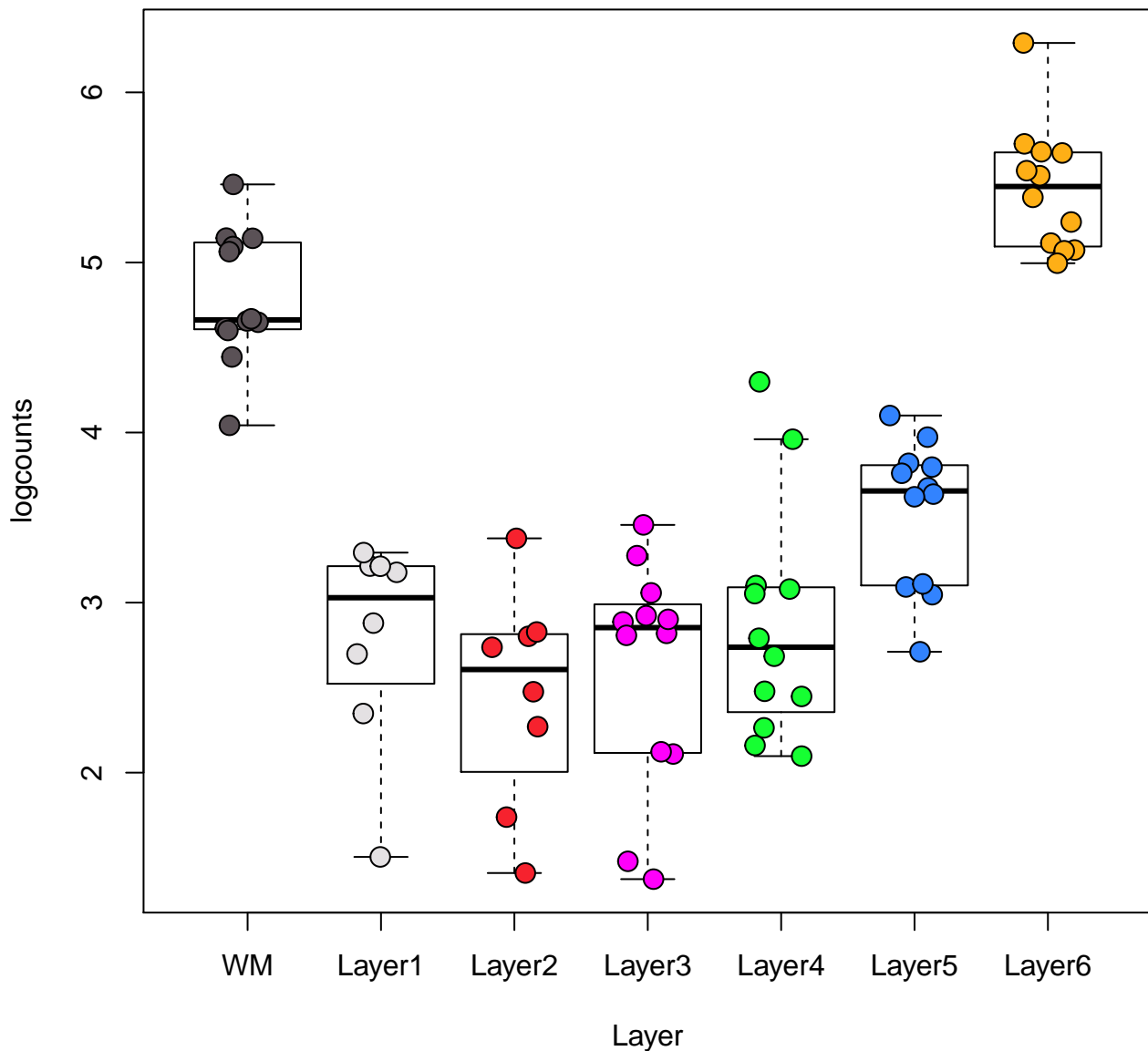
L6\_r1;L6-L2\_r10;L6-L3\_r10;L6-L4\_r7;L6-L5\_r4



# OLFML2B ENSG00000162745 Layer6-Layer5

tstat 8.72e+00 p 7.47e-13

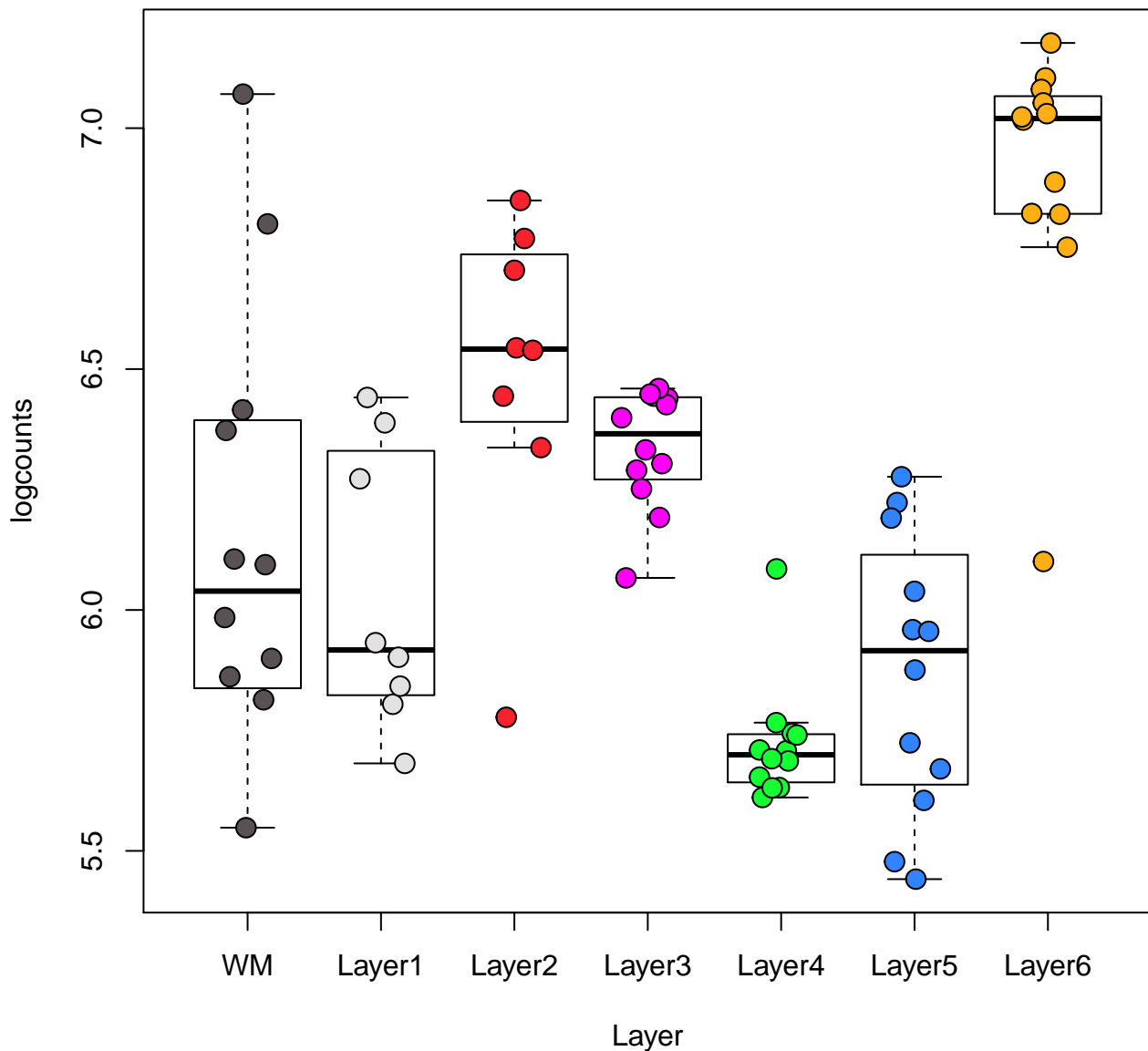
L6-L4\_r10;L6-L5\_r5



# MCTP1 ENSG00000175471 Layer6-Layer5

tstat 8.56e+00 p 1.44e-12

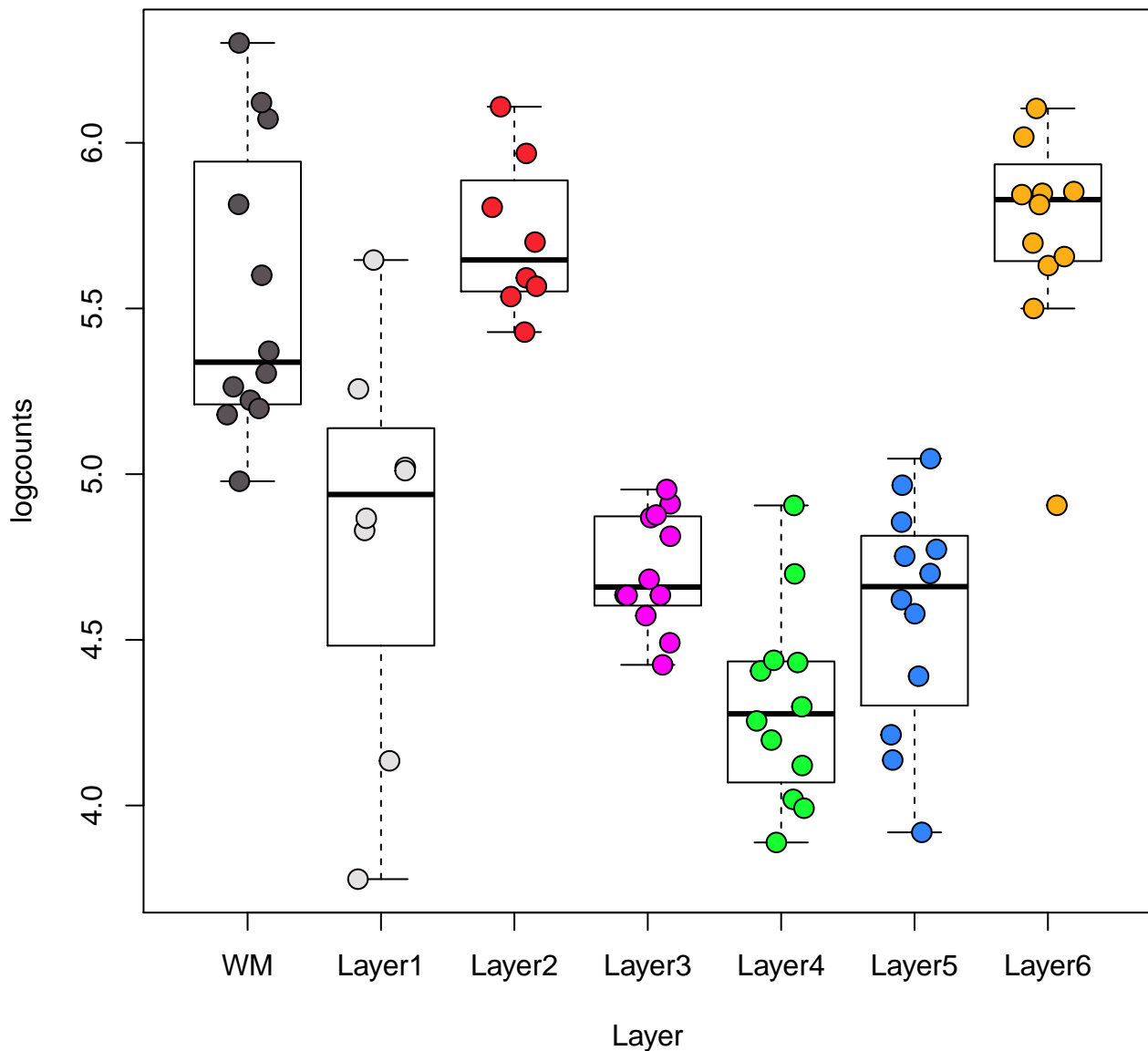
L6-L5\_r6



# DGKG ENSG00000058866 Layer6-Layer5

tstat 8.18e+00 p 7.57e-12

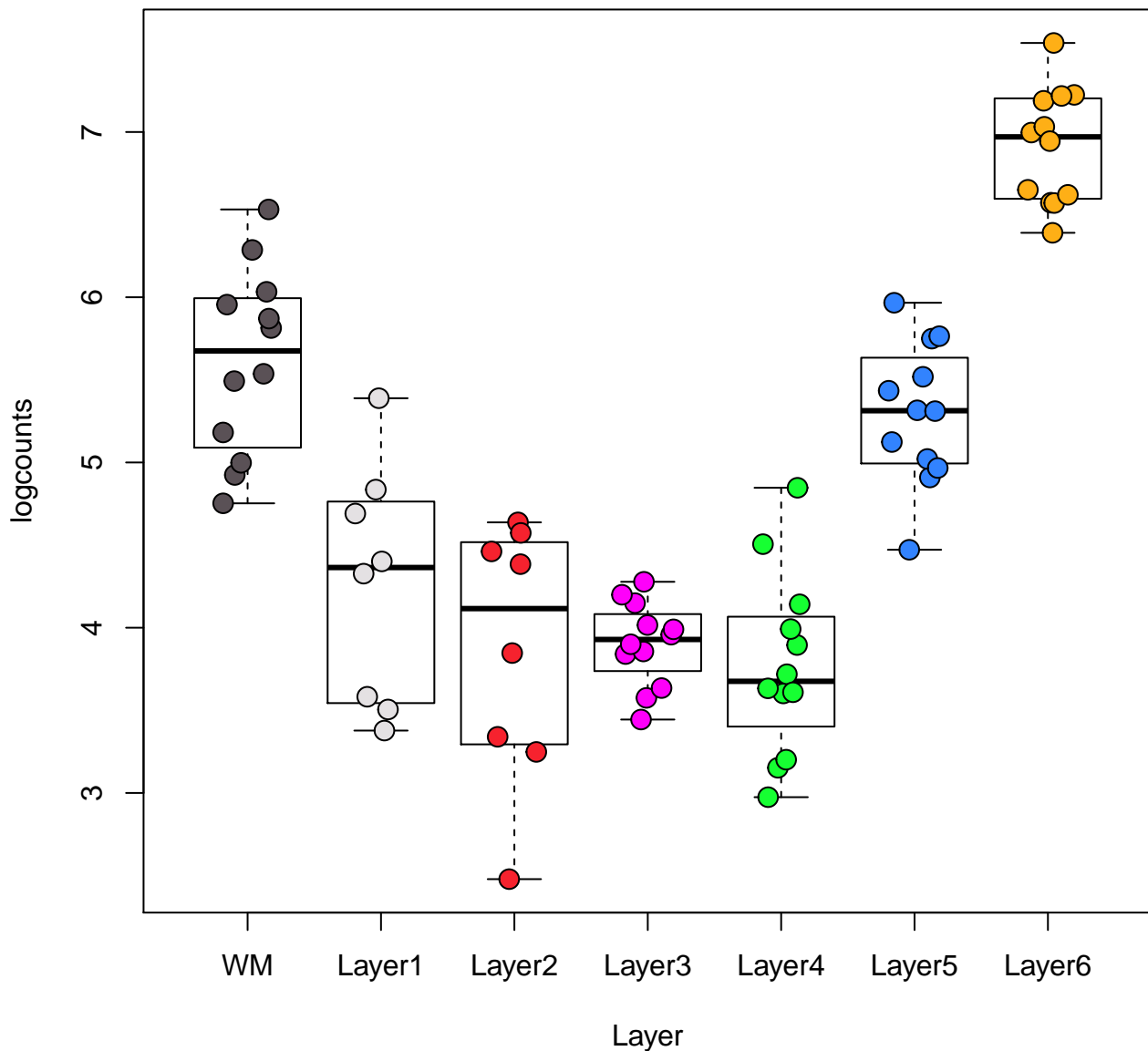
L6-L5\_r7



NR4A2 ENSG00000153234 Layer6-Layer5

tstat 7.82e+00 p 3.43e-11

L6\_r2;L6-L2\_r8;L6-L3\_r4;L6-L4\_r2;L6-L5\_r8

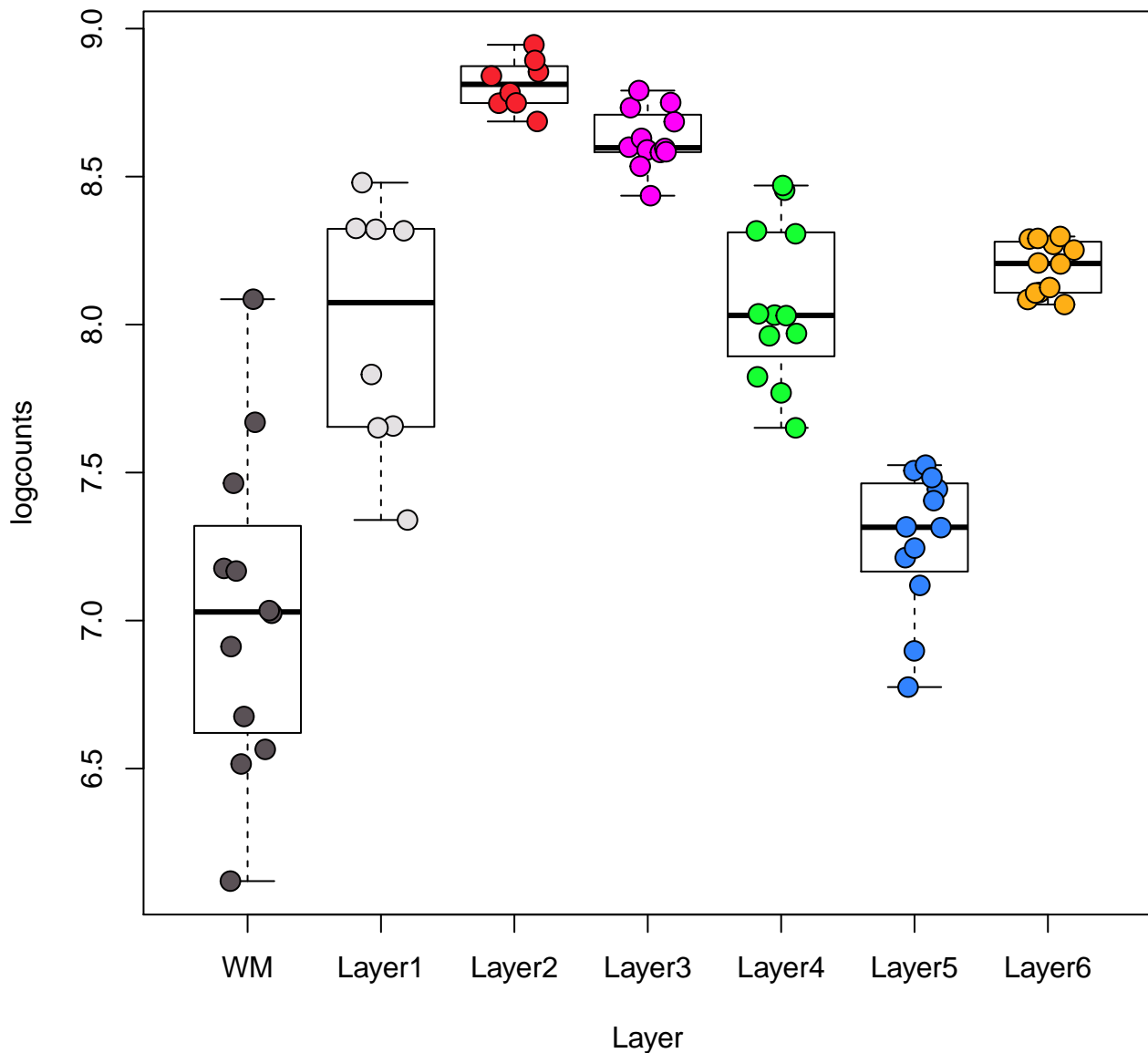




# TESPA1 ENSG00000135426 Layer6-Layer5

tstat 7.65e+00 p 7.16e-11

L3-L5\_r10;L4-L5\_r9;L6-L5\_r9



# EHD2 ENSG00000024422 Layer6-Layer5

tstat 7.14e+00 p 6.35e-10

L6-L5\_r10

