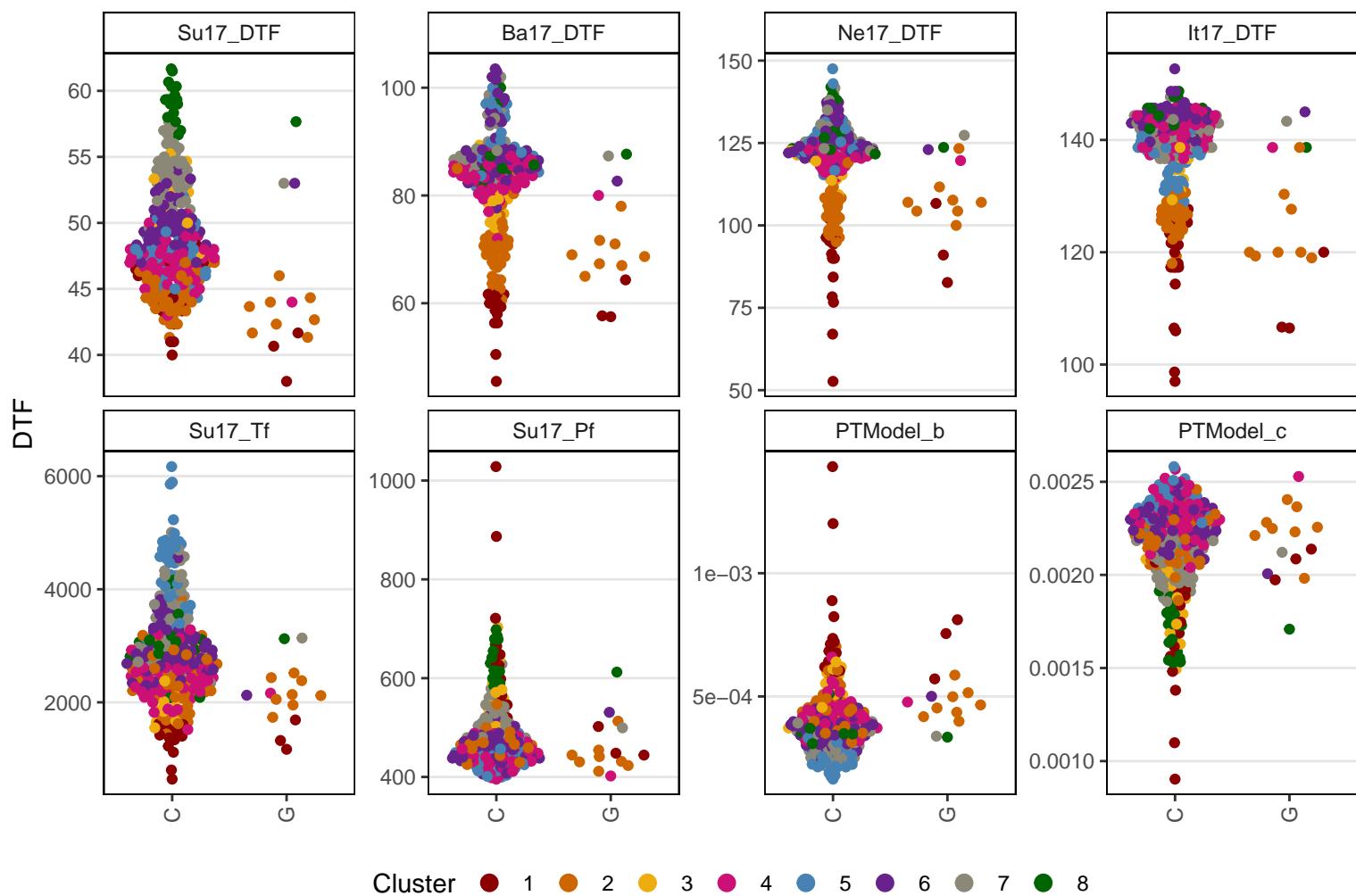
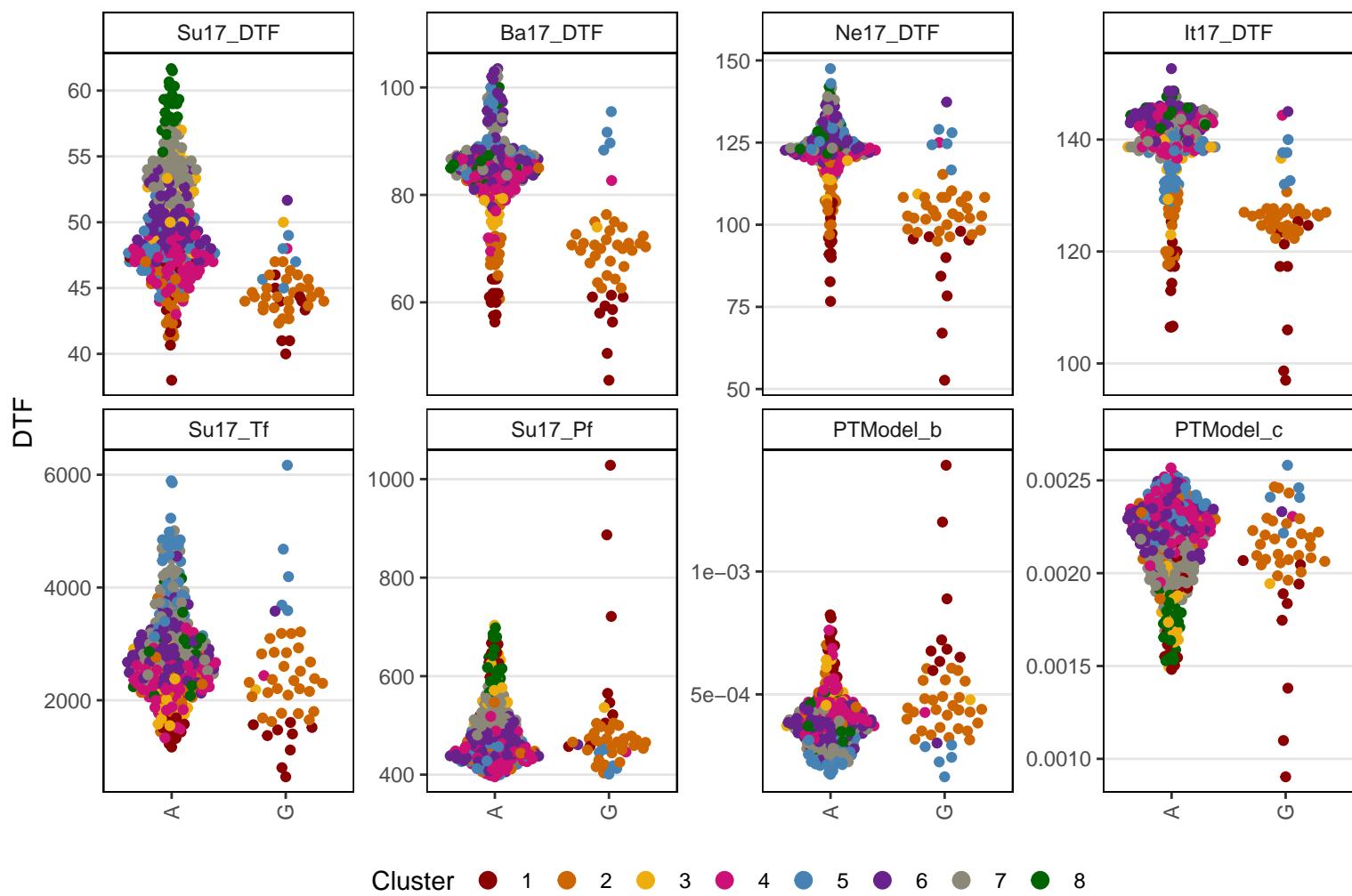


# Lcu.2RBY.Chr5p794856



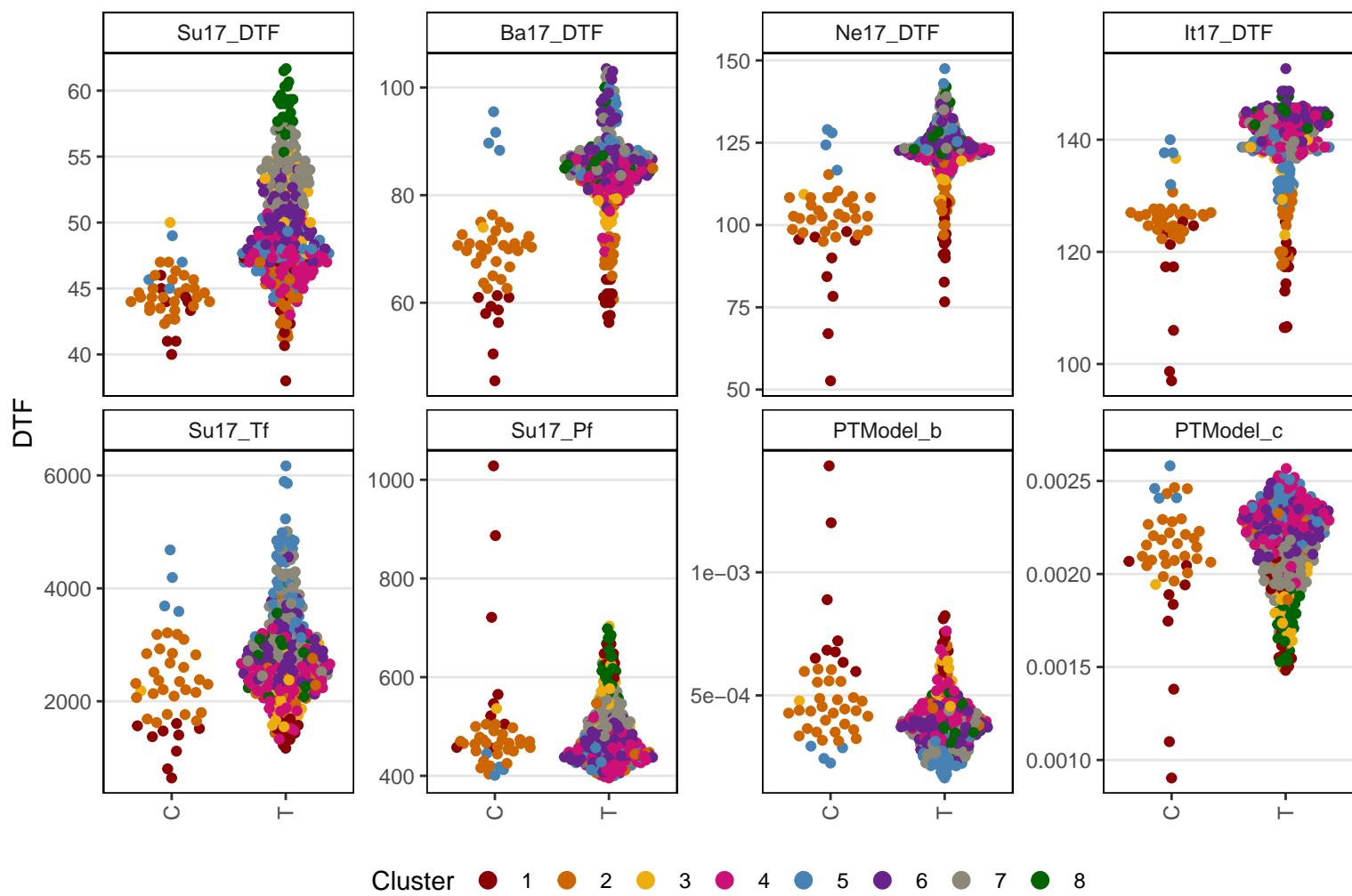
# Lcu.2RBY.Chr5p845993



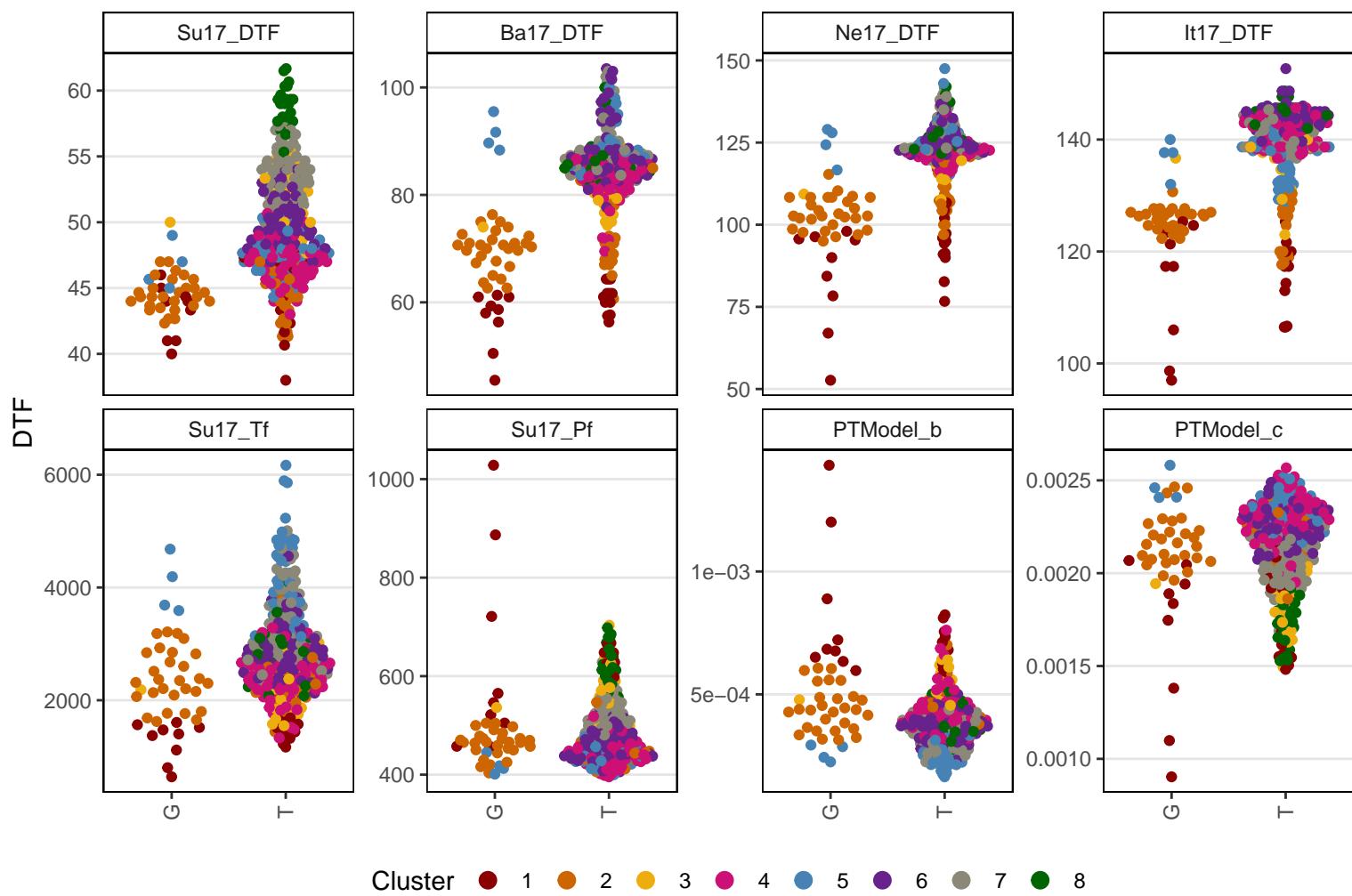
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcGA2oxL ; LcSPA12a  
175817 ; 2107419

# Lcu.2RBY.Chr5p923479

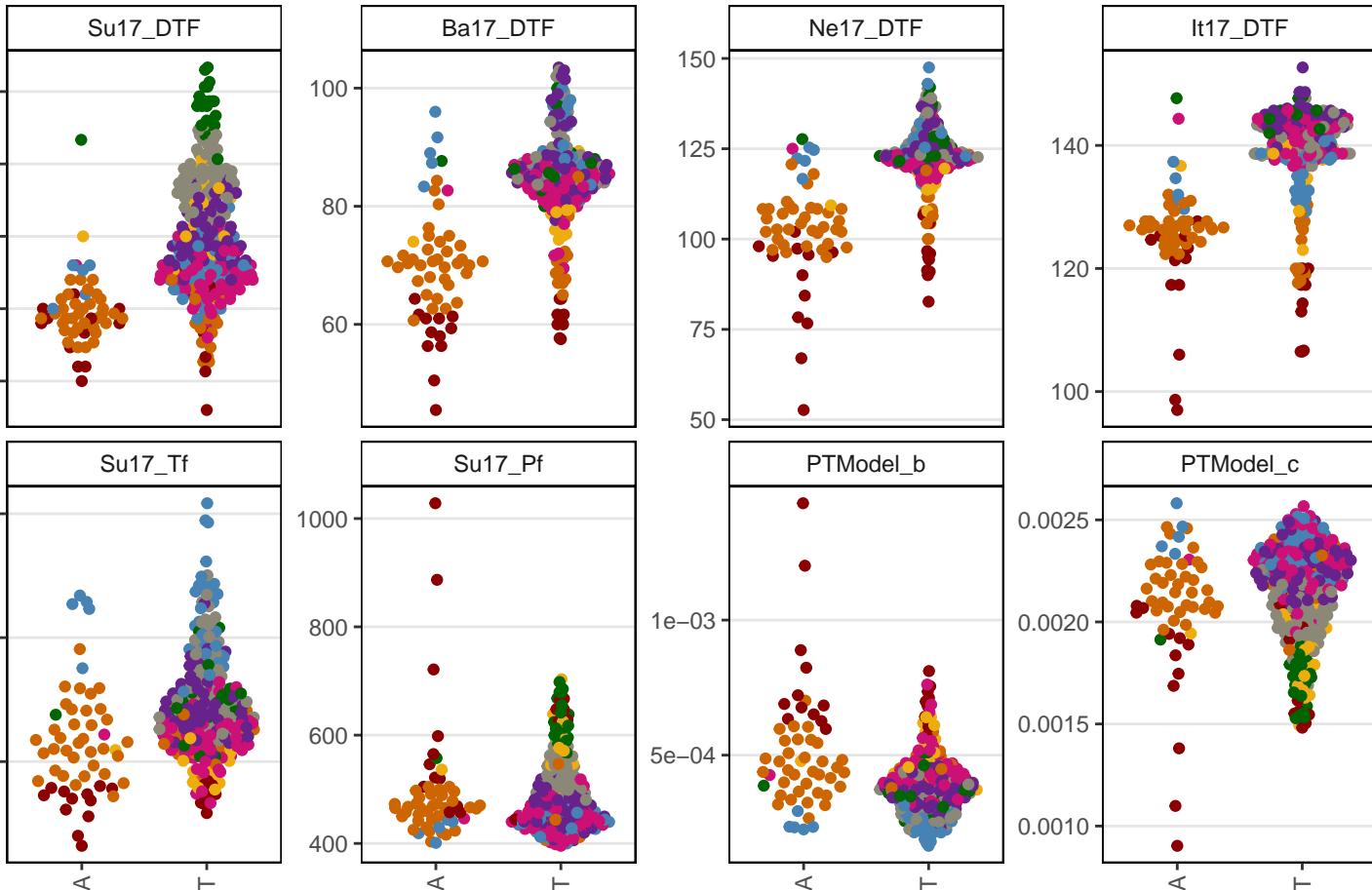


# Lcu.2RBY.Chr5p925830



# Lcu.2RBY.Chr5p1045842

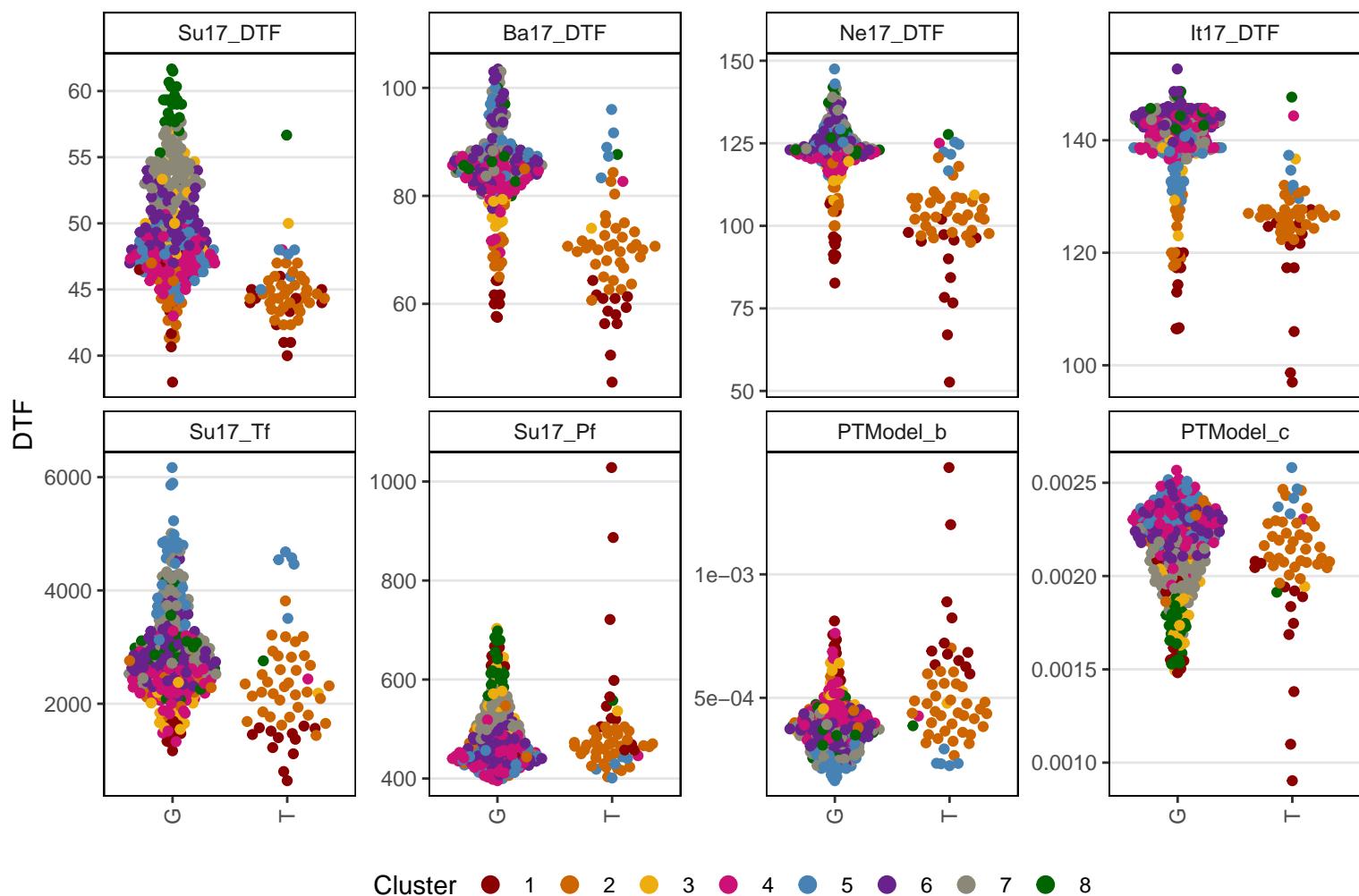
DTF



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

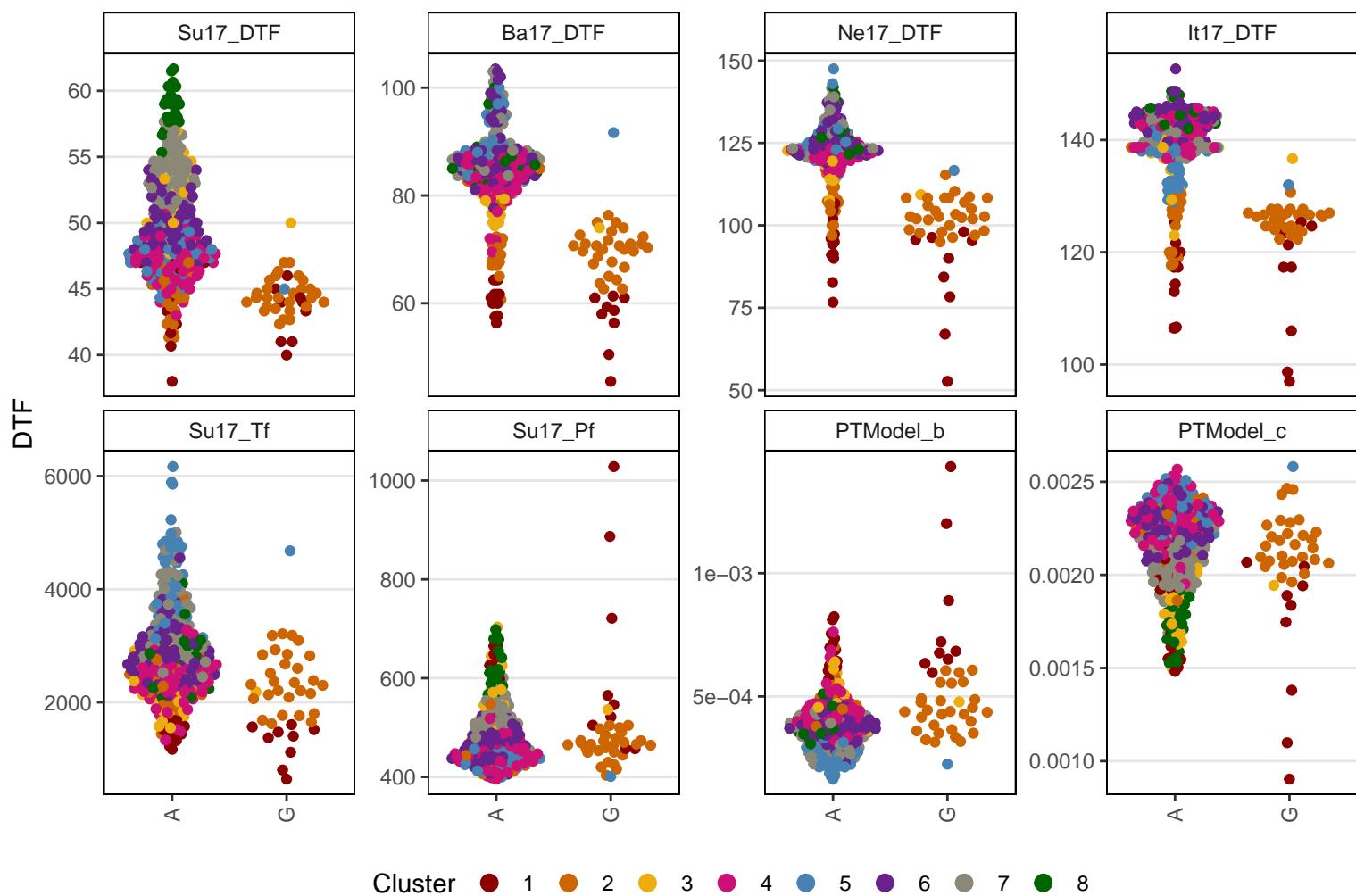
LcGA2oxL ; LcSPA12a  
375666 ; 1907570

# Lcu.2RBY.Chr5p1046814



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

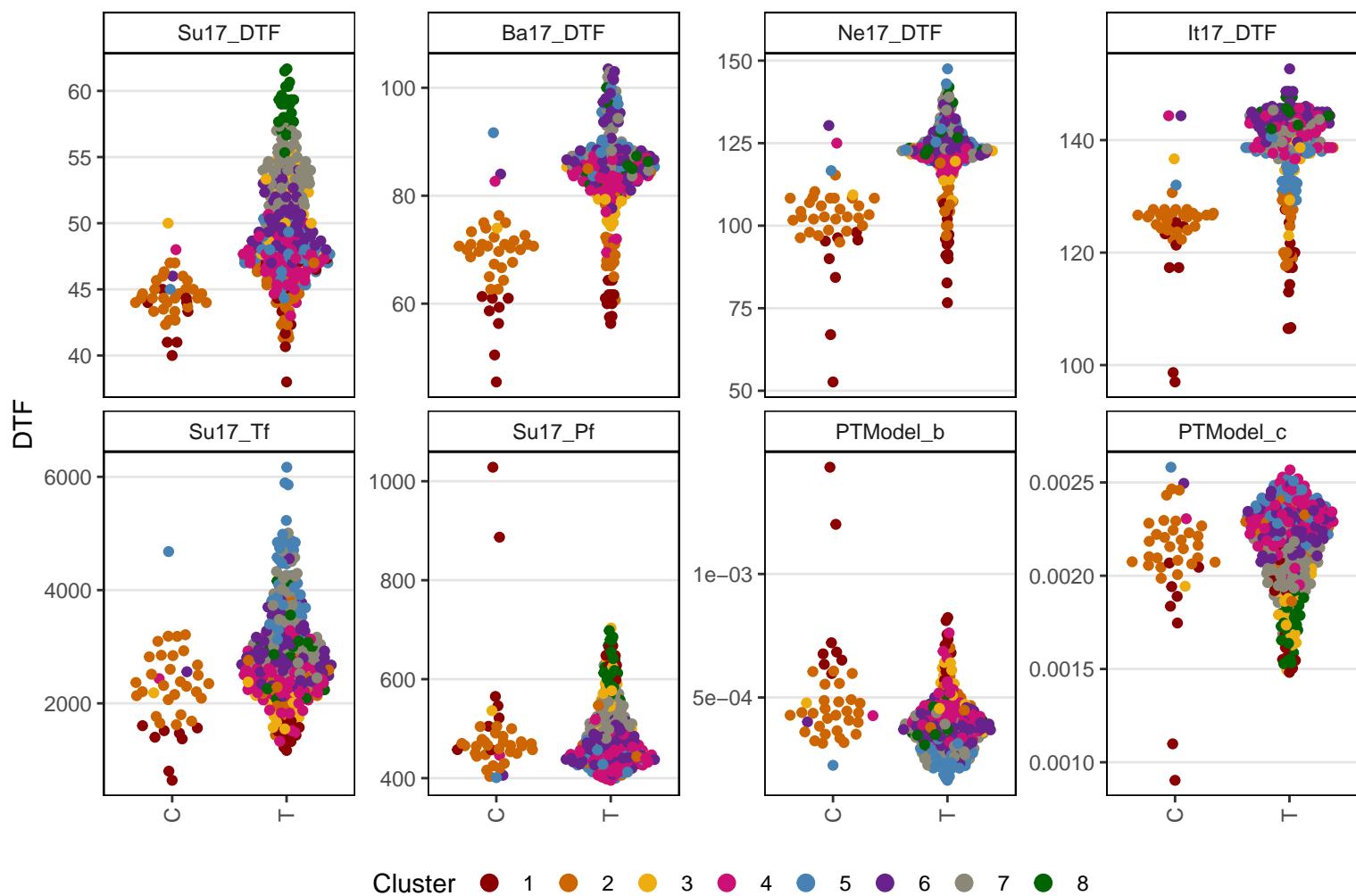
# Lcu.2RBY.Chr5p1061938



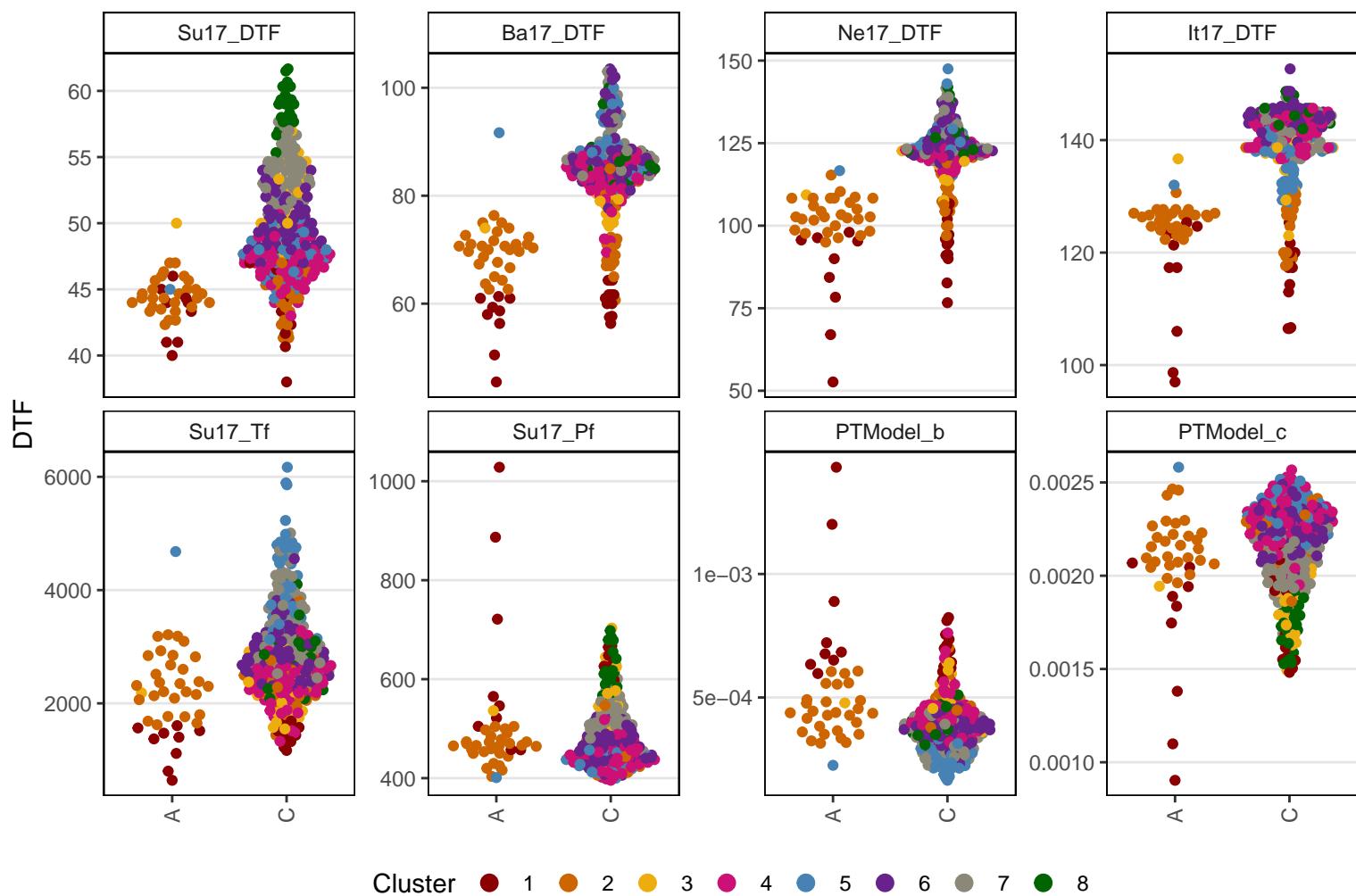
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcGA2oxL ; LcSPA12a  
391762 ; 1891474

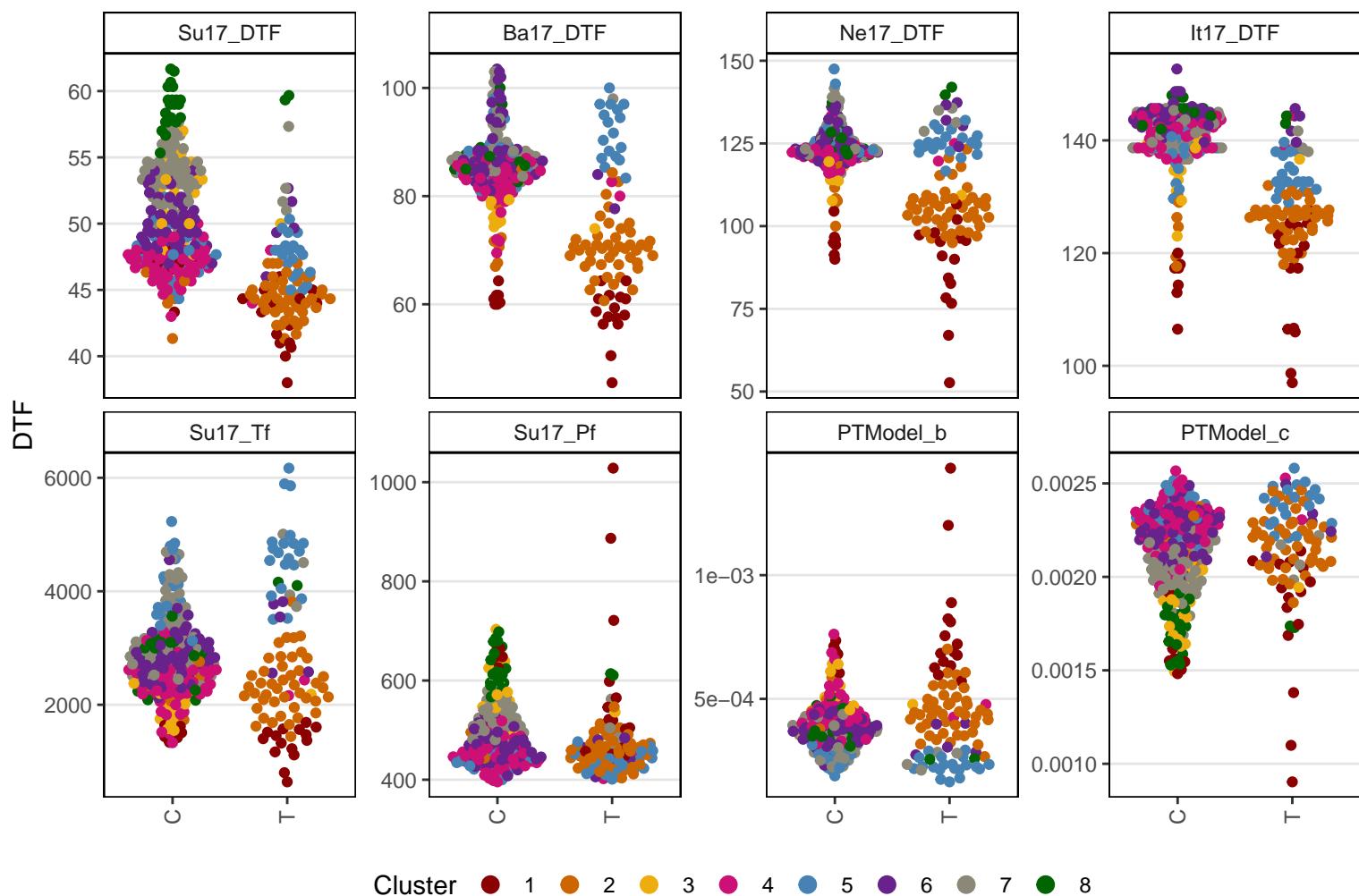
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# Lcu.2RBY.Chr5p1069654

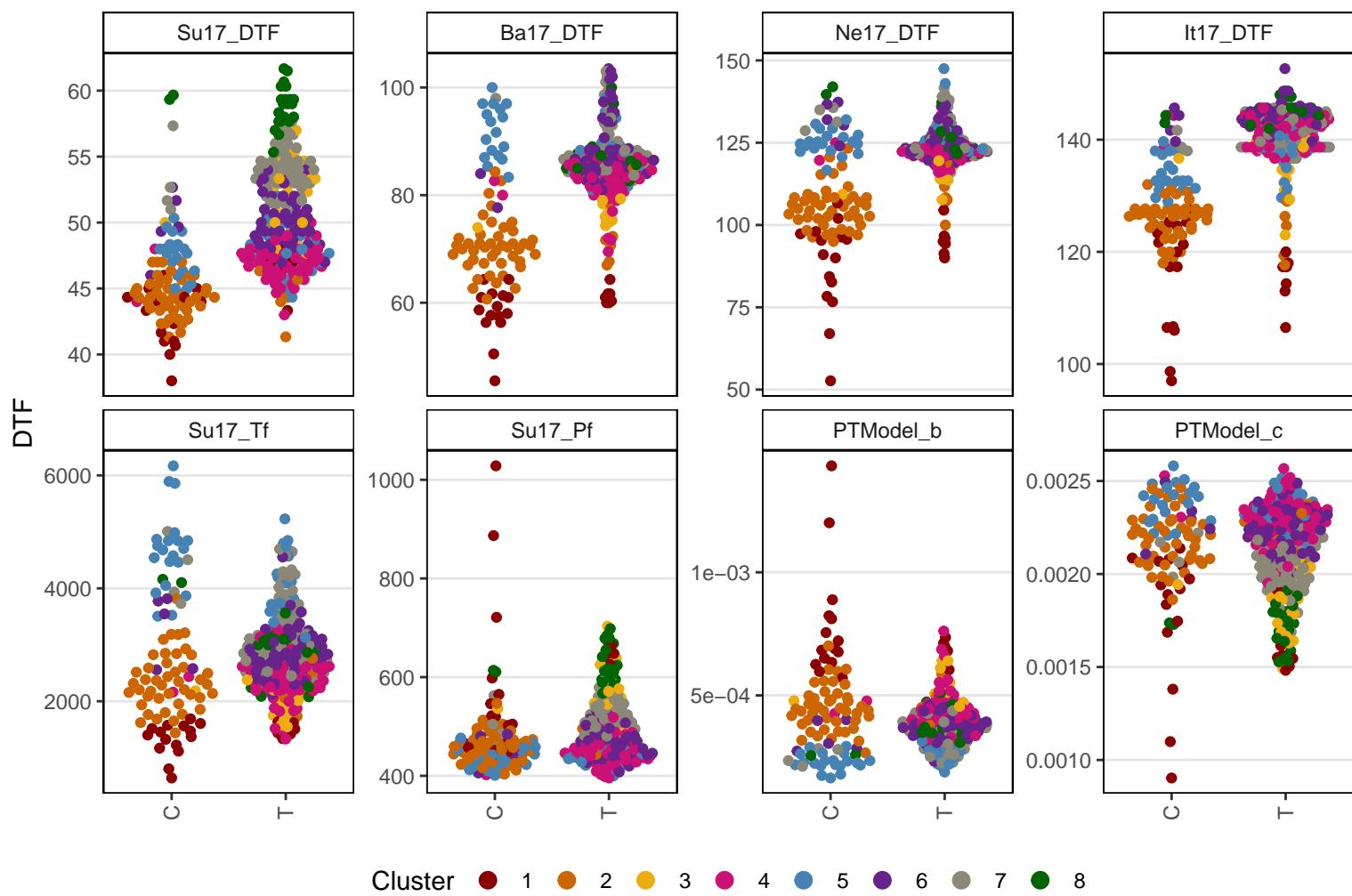


# Lcu.2RBY.Chr5p1071511

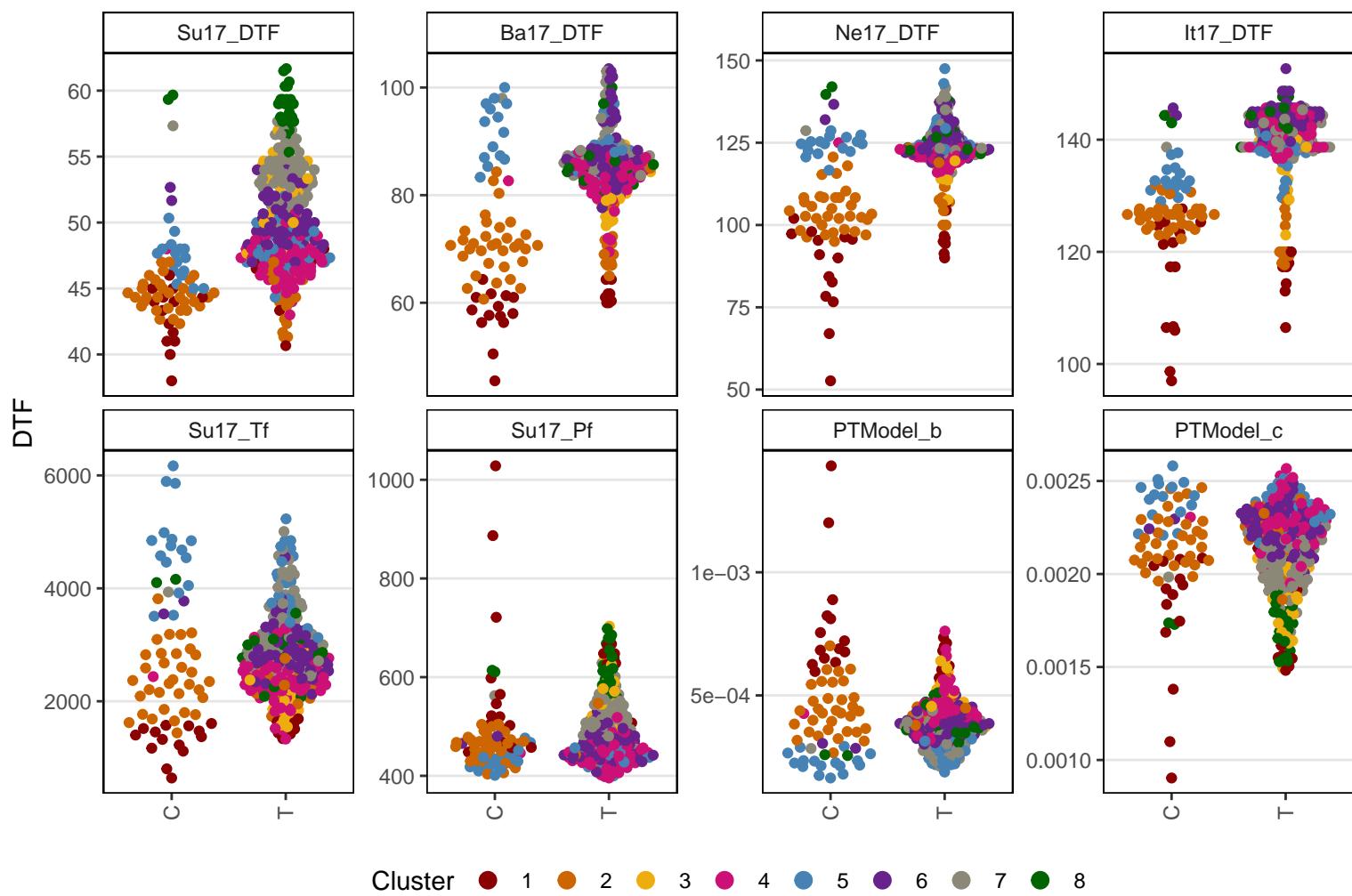


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

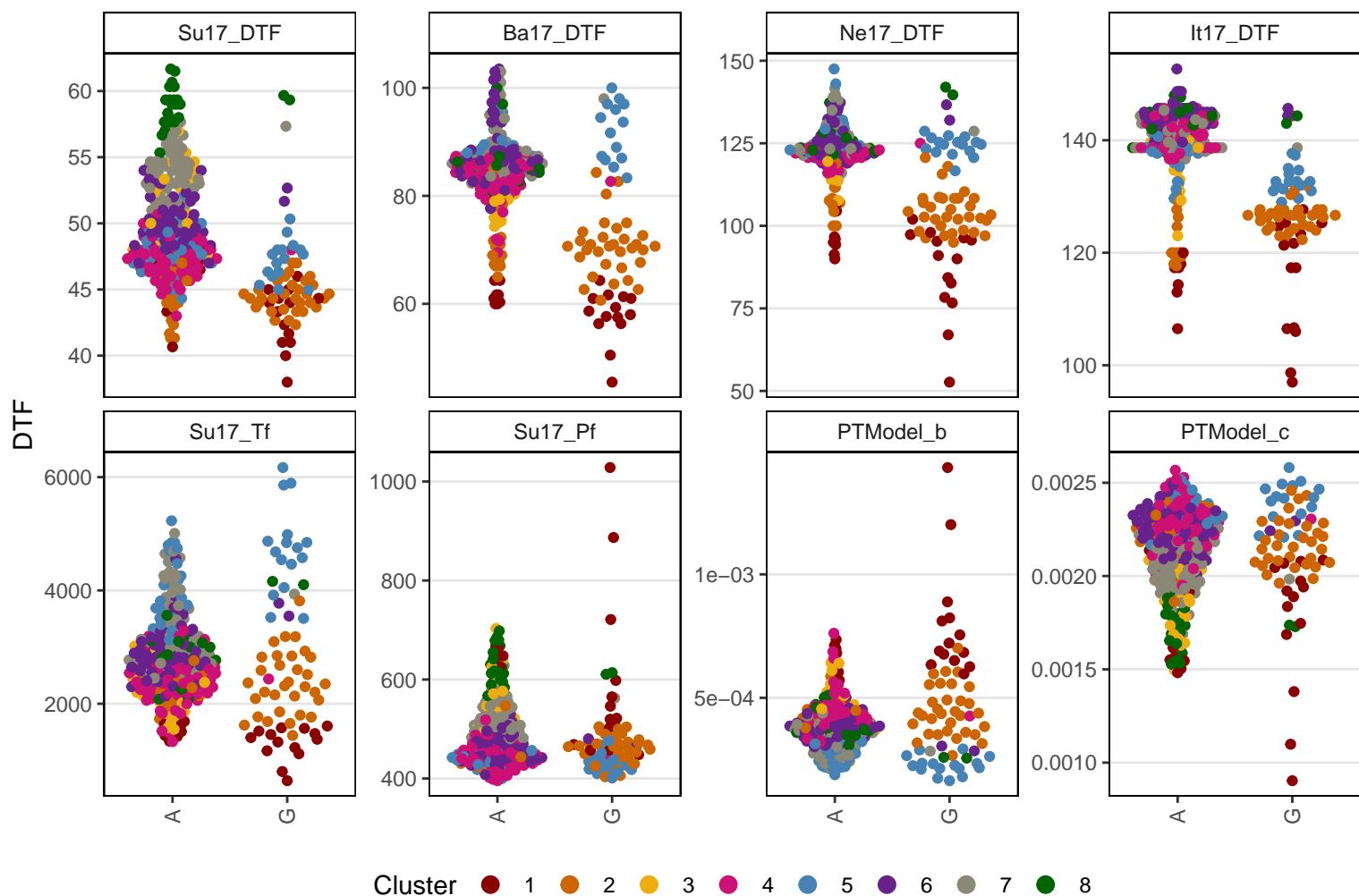
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# Lcu.2RBY.Chr5p1080837

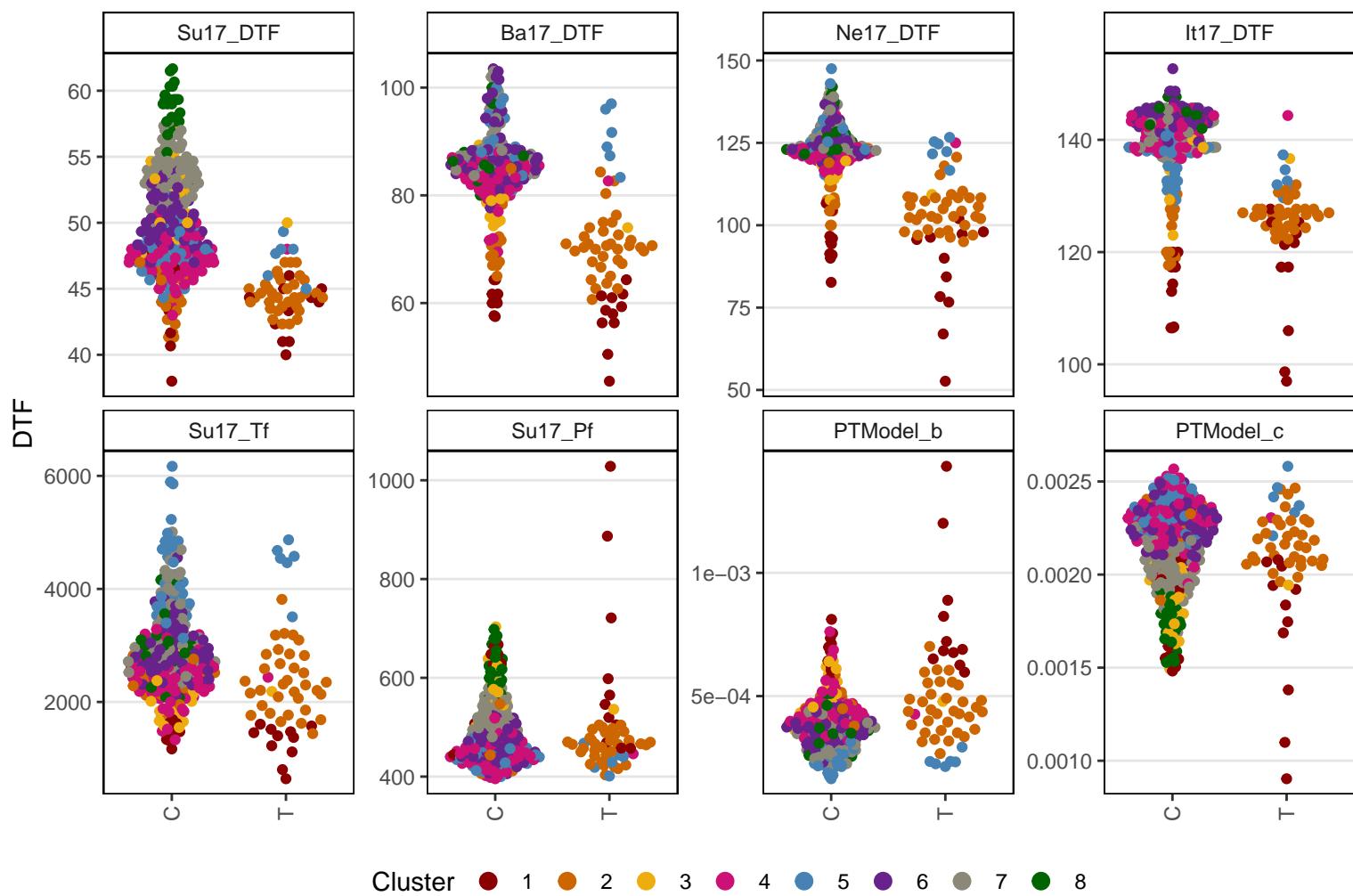


# Lcu.2RBY.Chr5p1080859



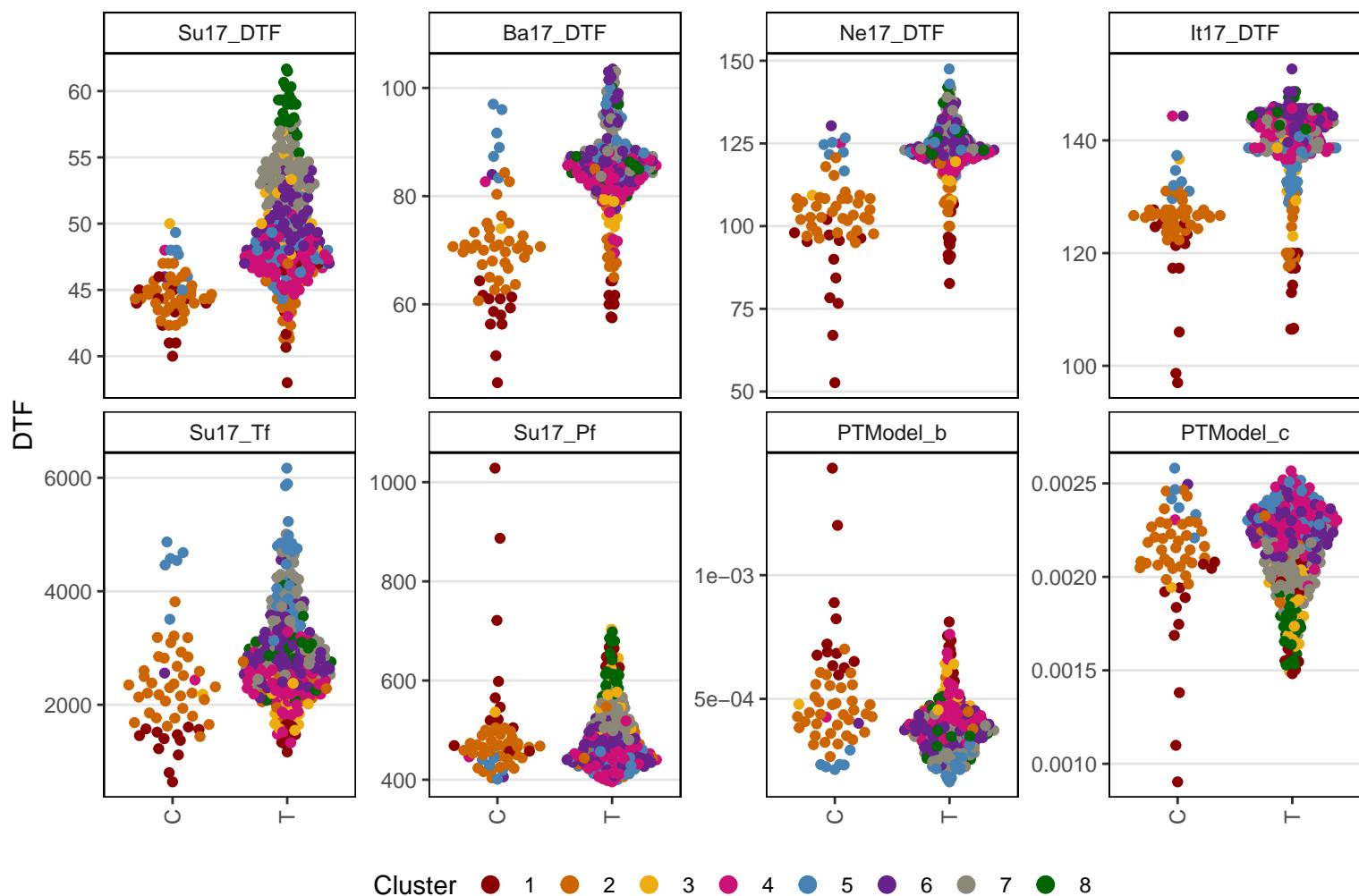
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

# Lcu.2RBY.Chr5p1085716

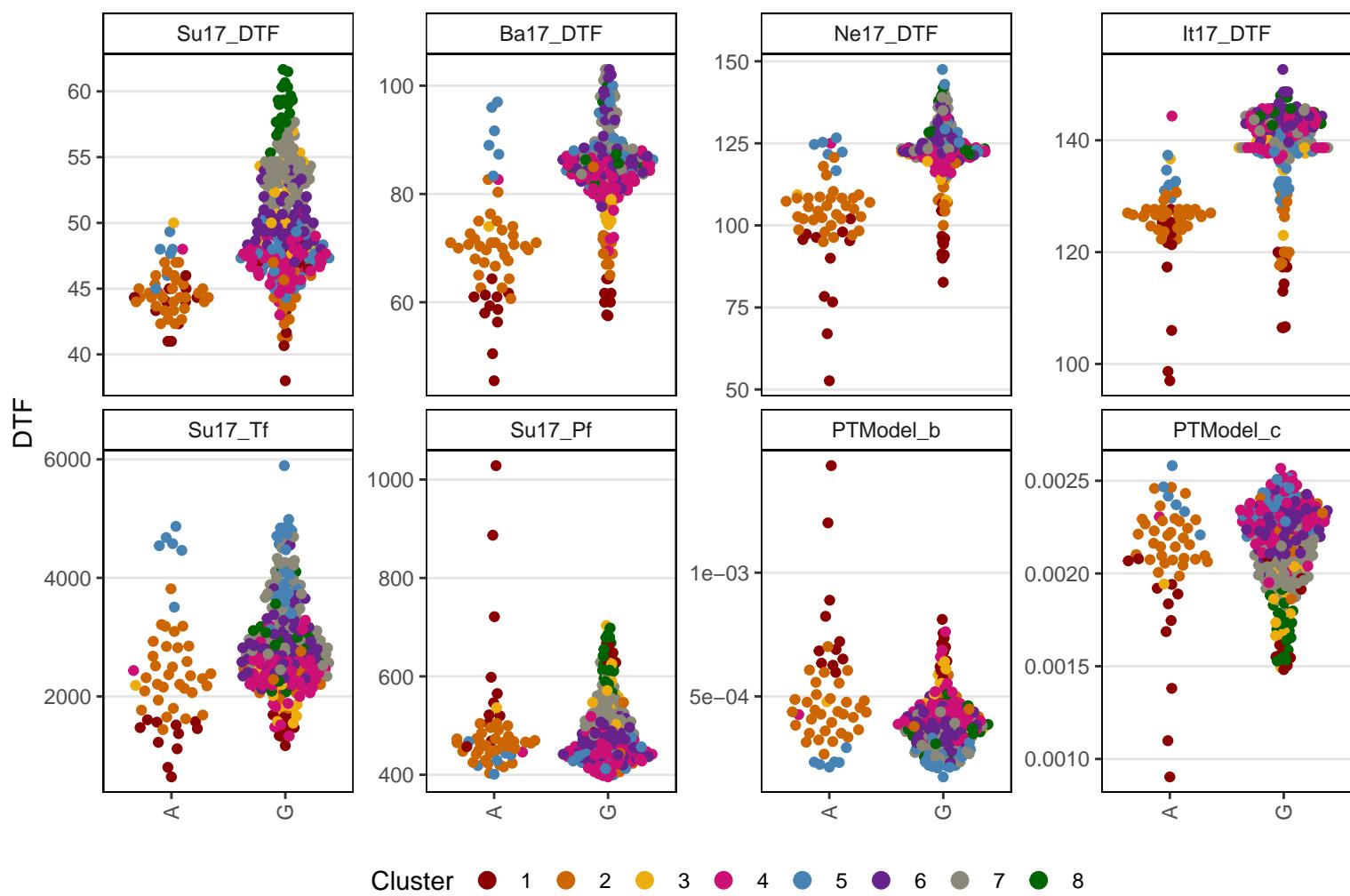


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

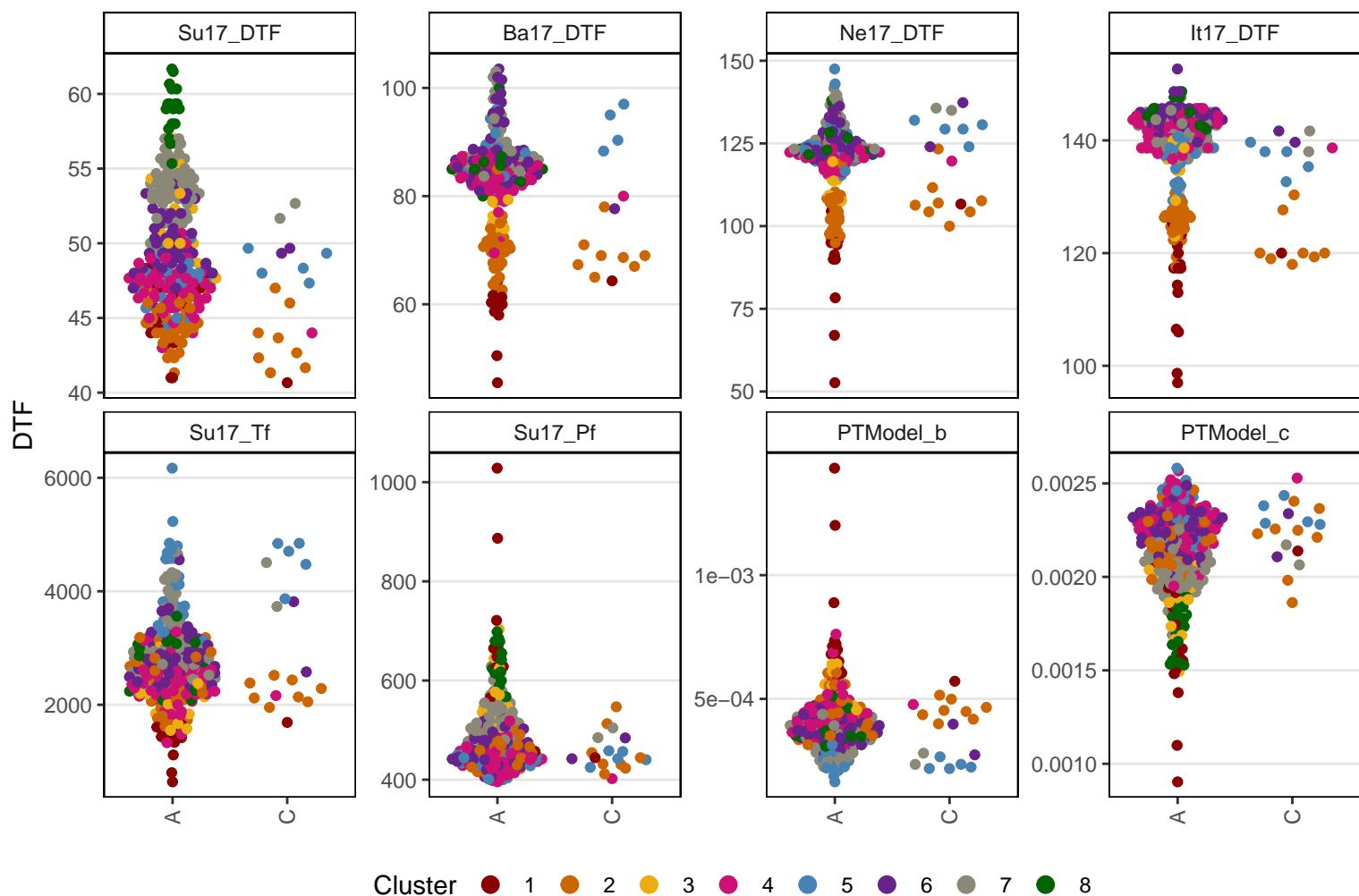
# Lcu.2RBY.Chr5p1087736



# Lcu.2RBY.Chr5p1088314

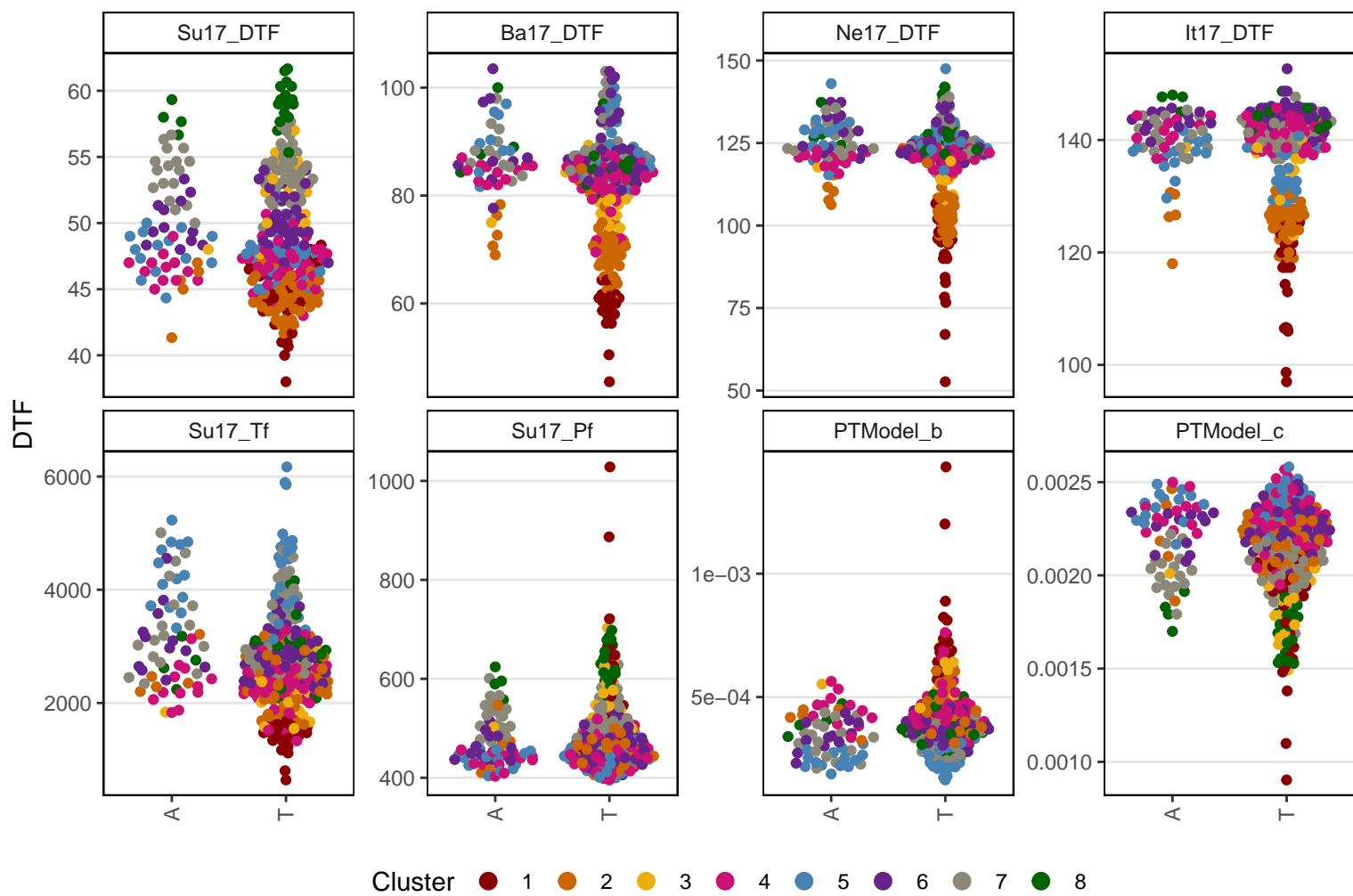


# Lcu.2RBY.Chr5p1089891

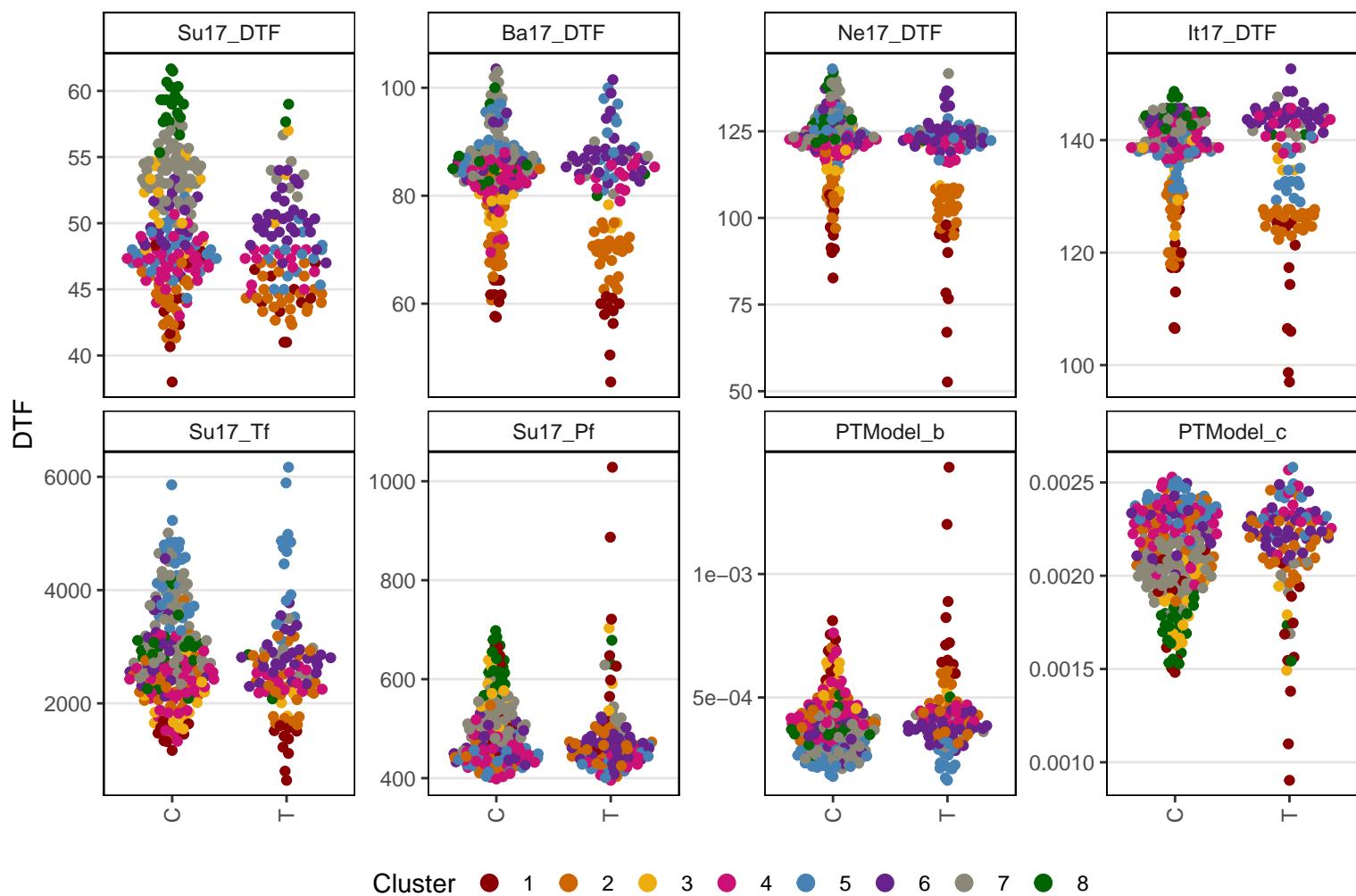


Cluster 1 2 3 4 5 6 7 8

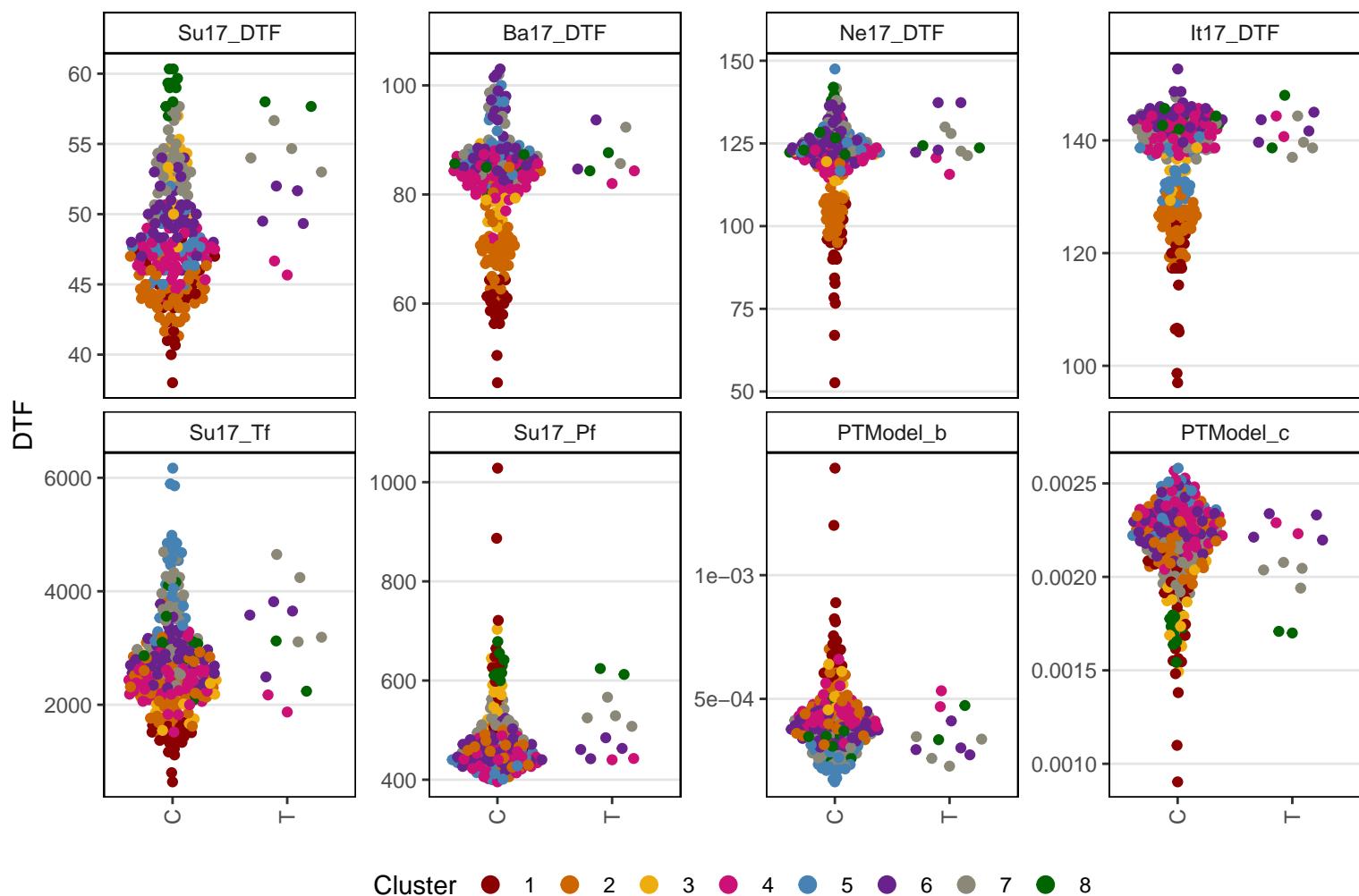
# Lcu.2RBY.Chr5p1507056



# Lcu.2RBY.Chr5p1528645



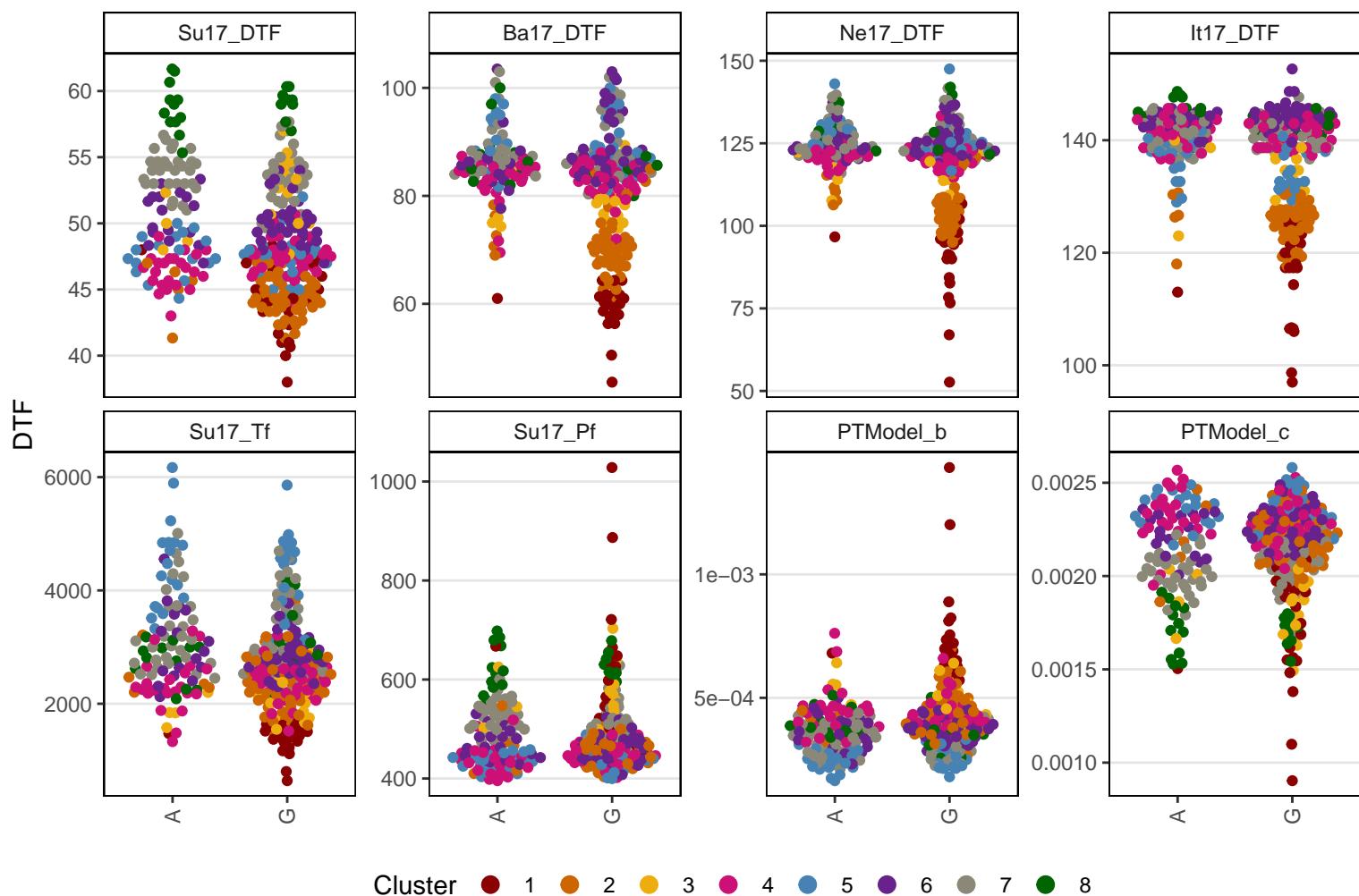
# Lcu.2RBY.Chr5p1550123



Cluster ● 1 2 3 4 5 6 7 8

LcGA2oxL ; LcSPA12a  
879947 ; 1403289

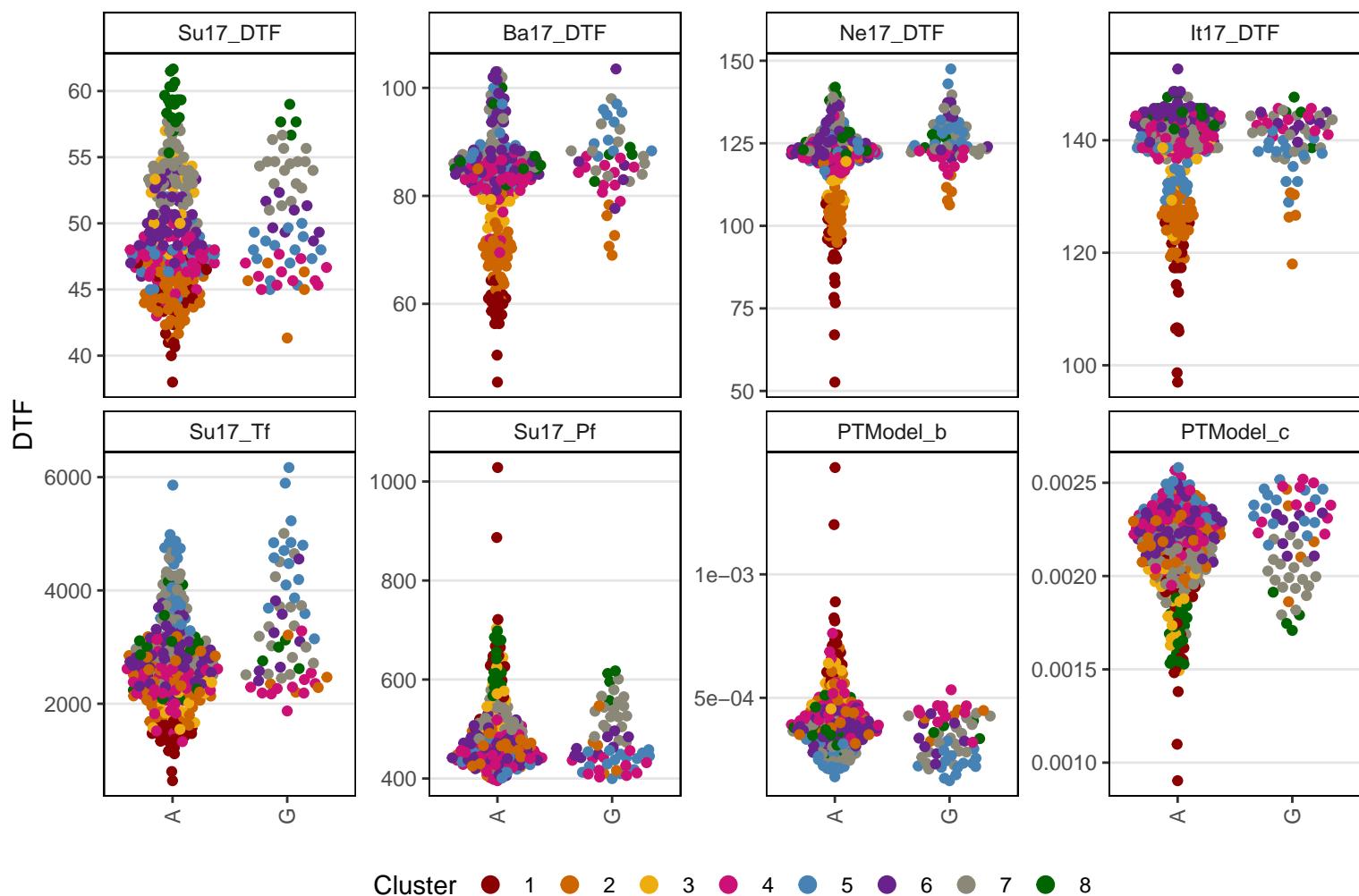
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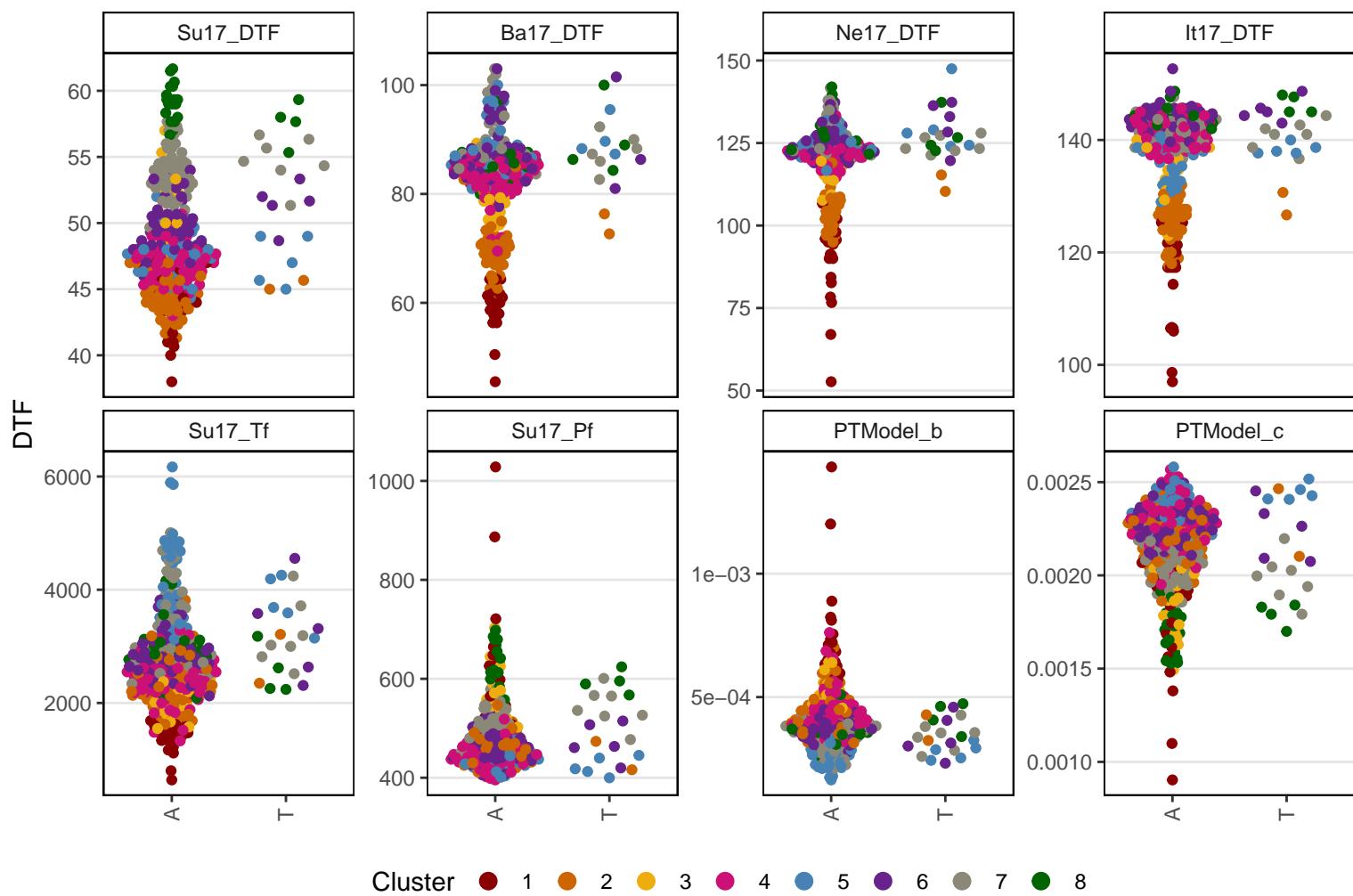
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcGA2oxL ; LcSPA12a  
886596 ; 1396640

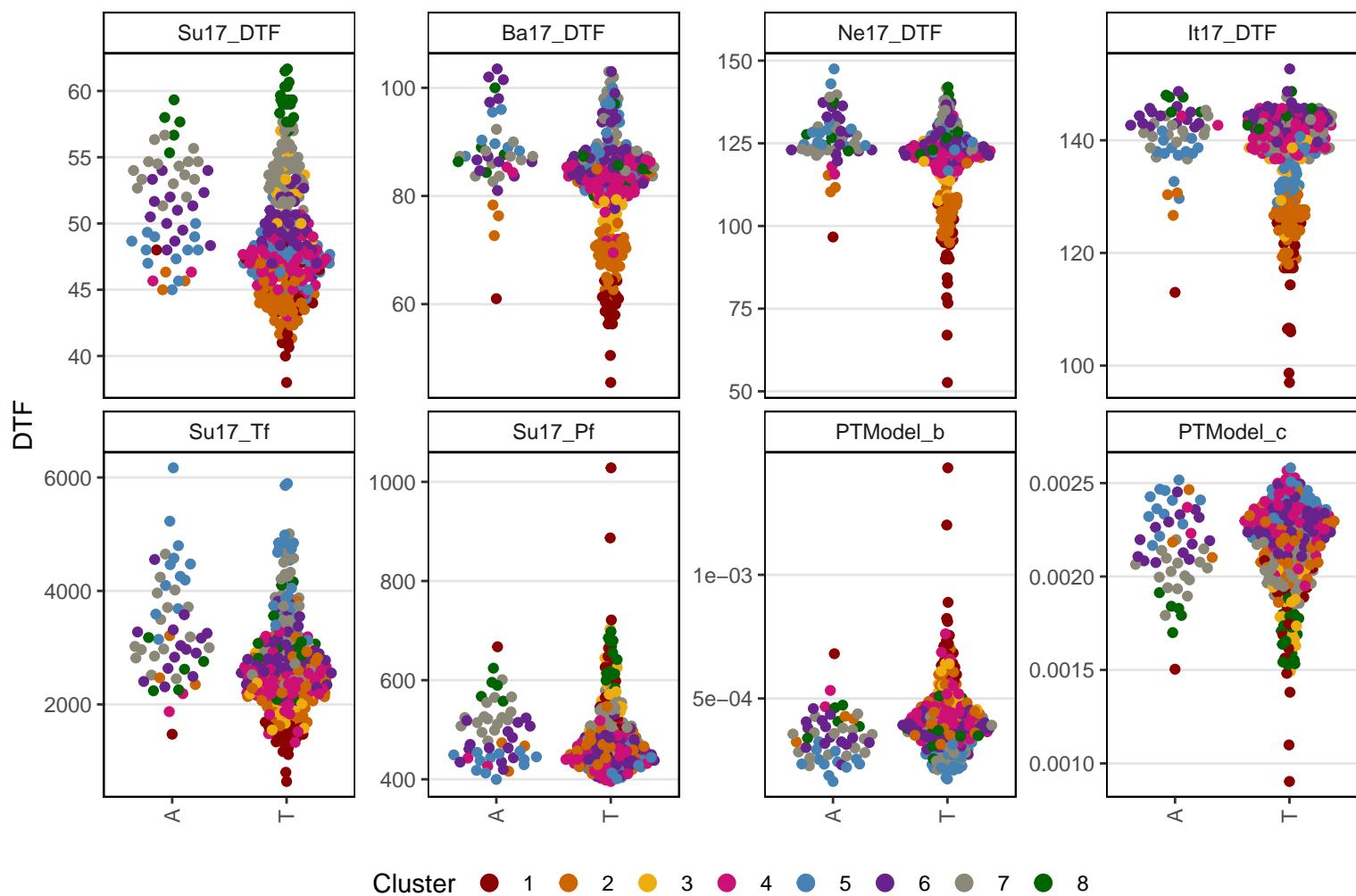
# Lcu.2RBY.Chr5p1561706



# Lcu.2RBY.Chr5p1628189

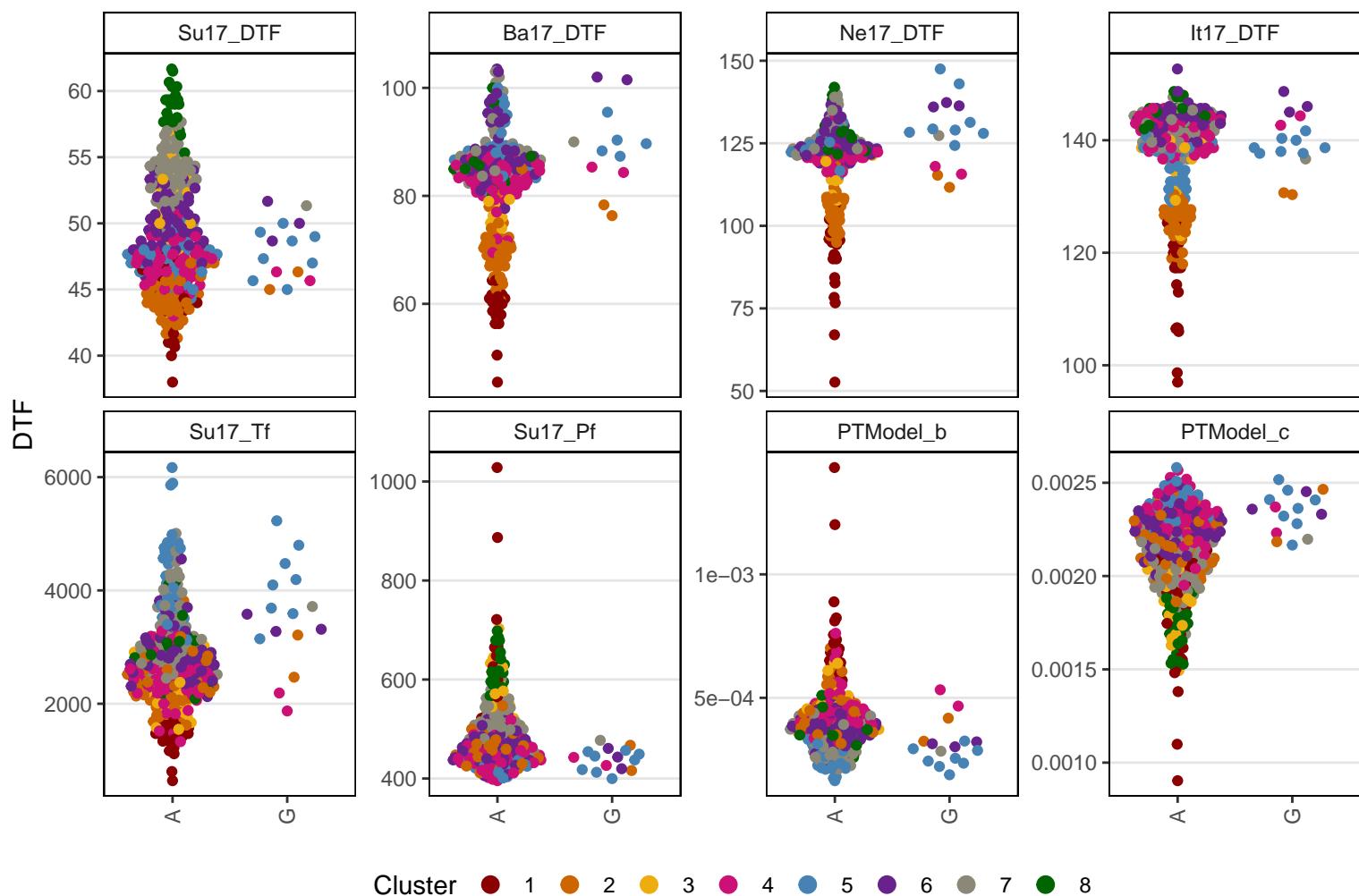


# Lcu.2RBY.Chr5p1642089



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

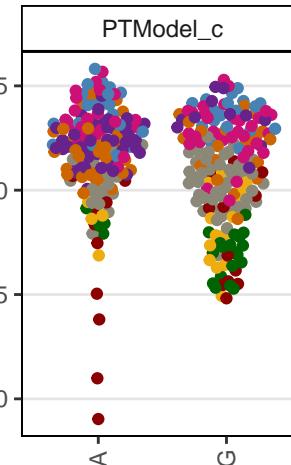
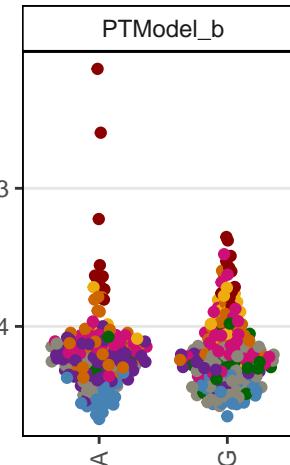
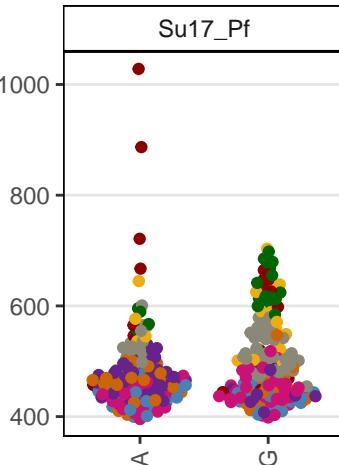
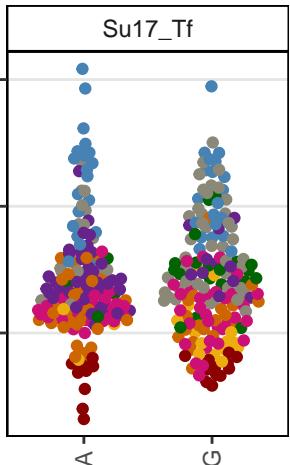
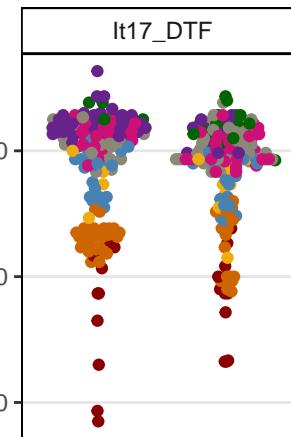
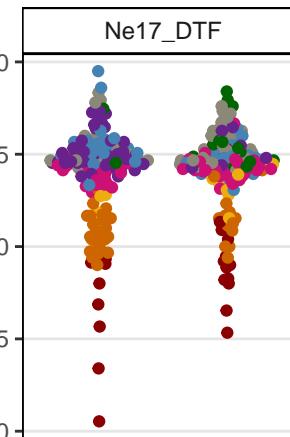
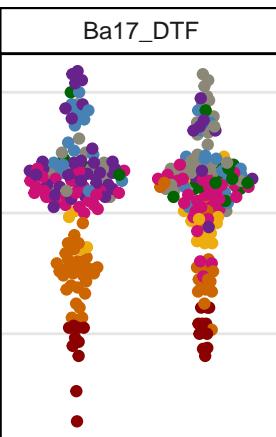
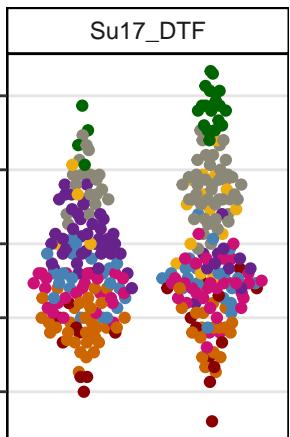
# Lcu.2RBY.Chr5p1654425



Cluster ● 1 2 3 4 5 6 7 8

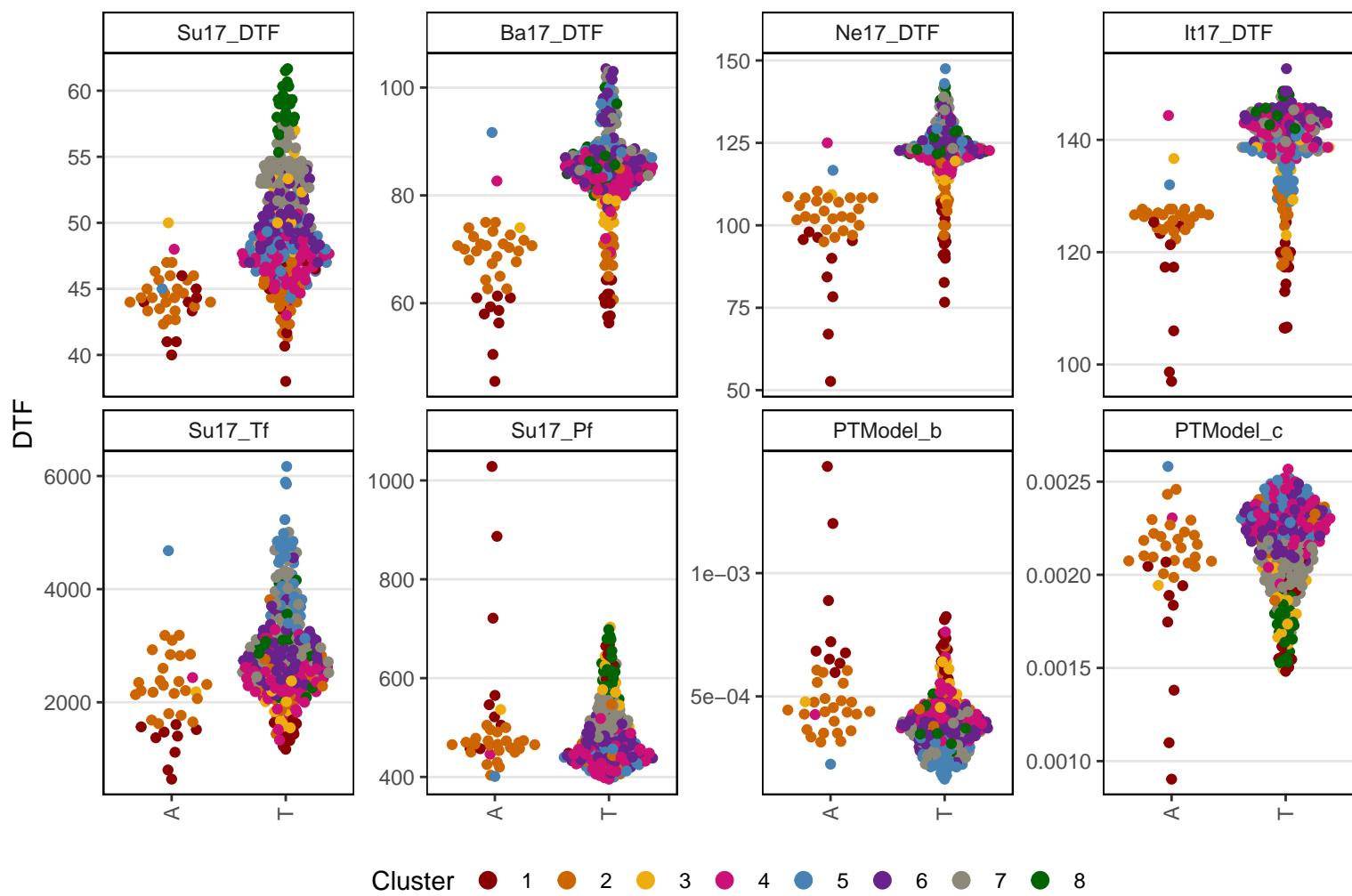
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DTF

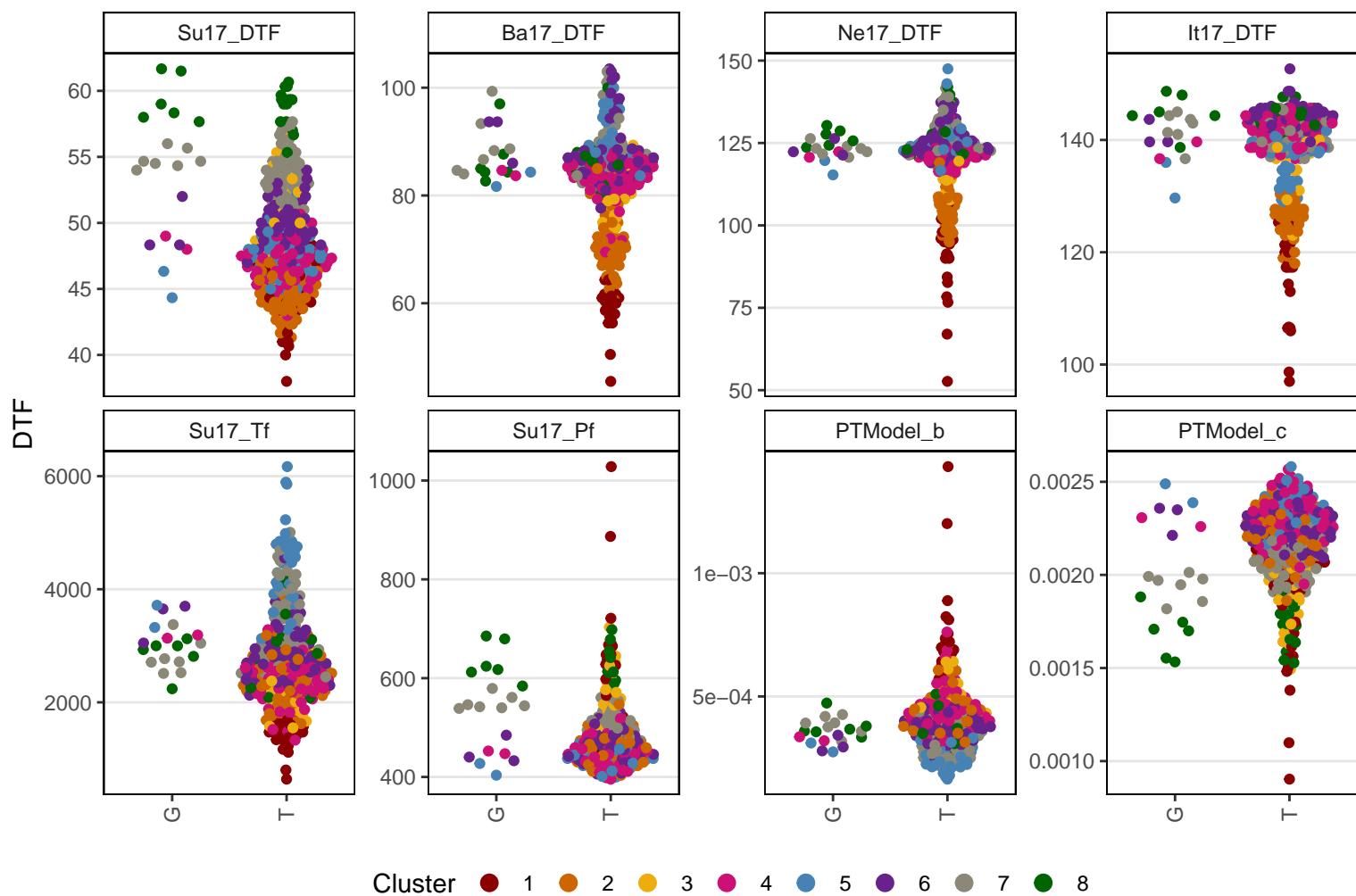


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

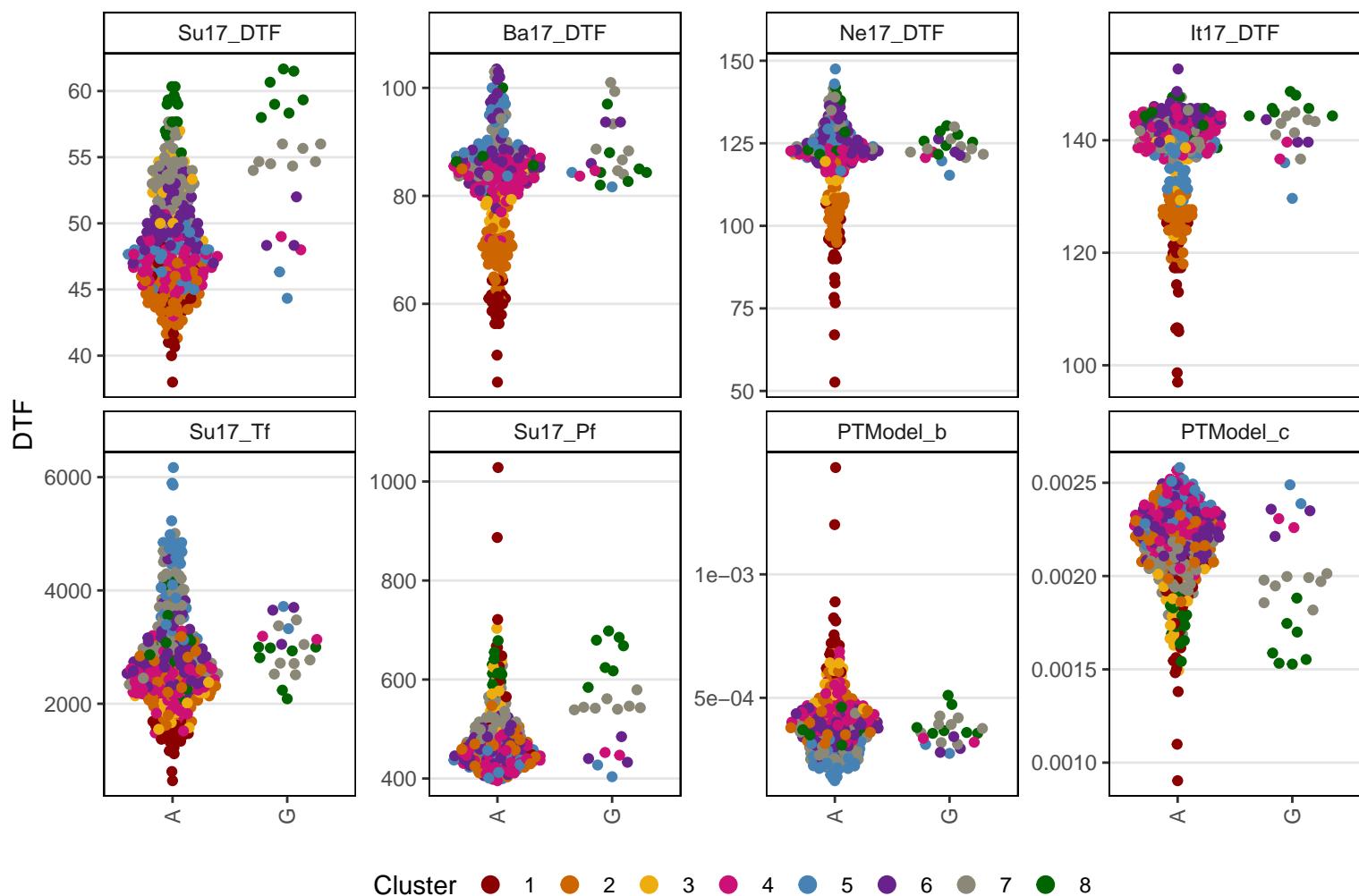
# Lcu.2RBY.Chr5p1734235



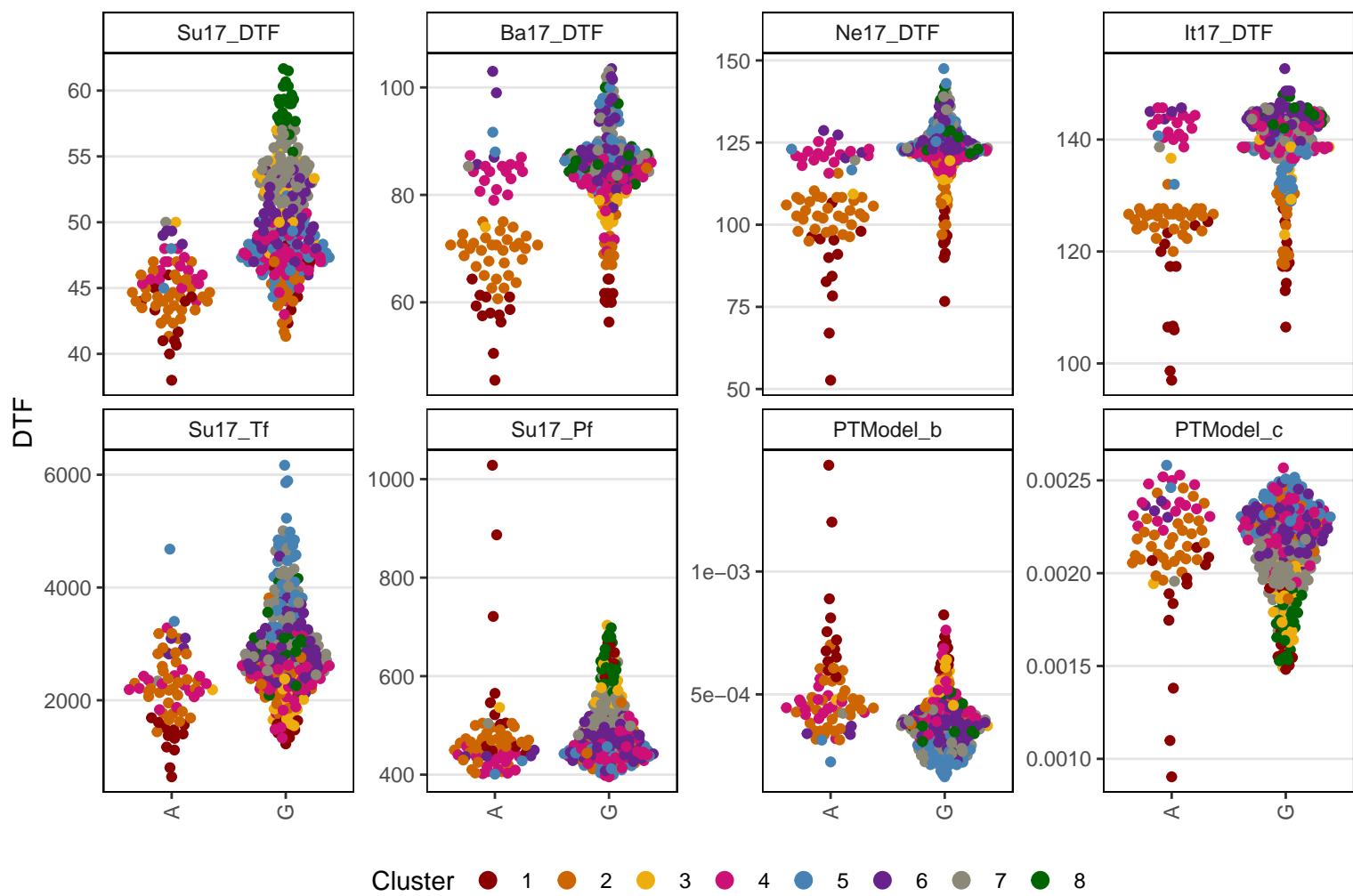
# Lcu.2RBY.Chr5p1756408



# Lcu.2RBY.Chr5p1881618



# Lcu.2RBY.Chr5p2091145

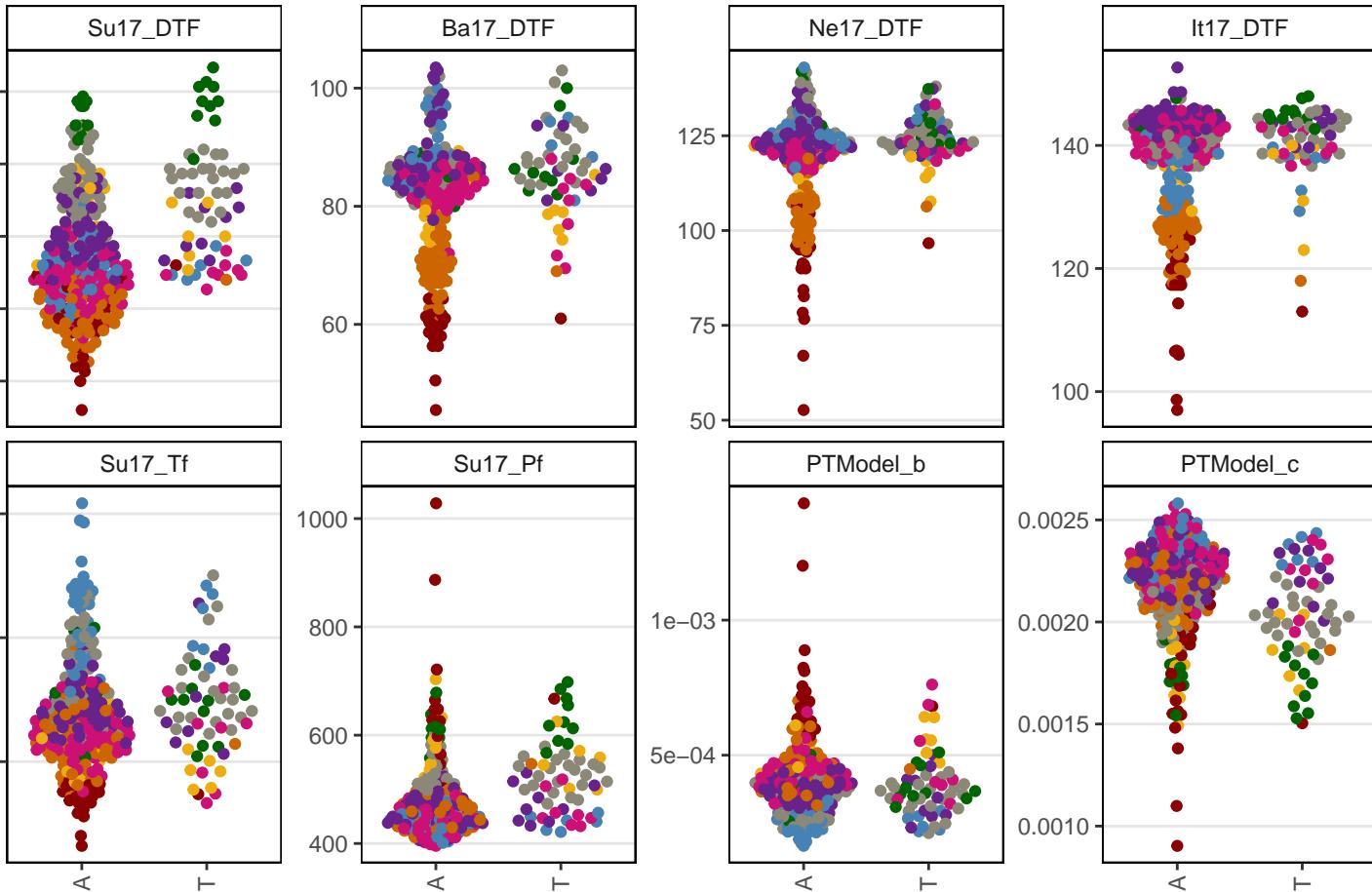


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcSPA12a ; LcGA2oxL  
862267 ; 1420969

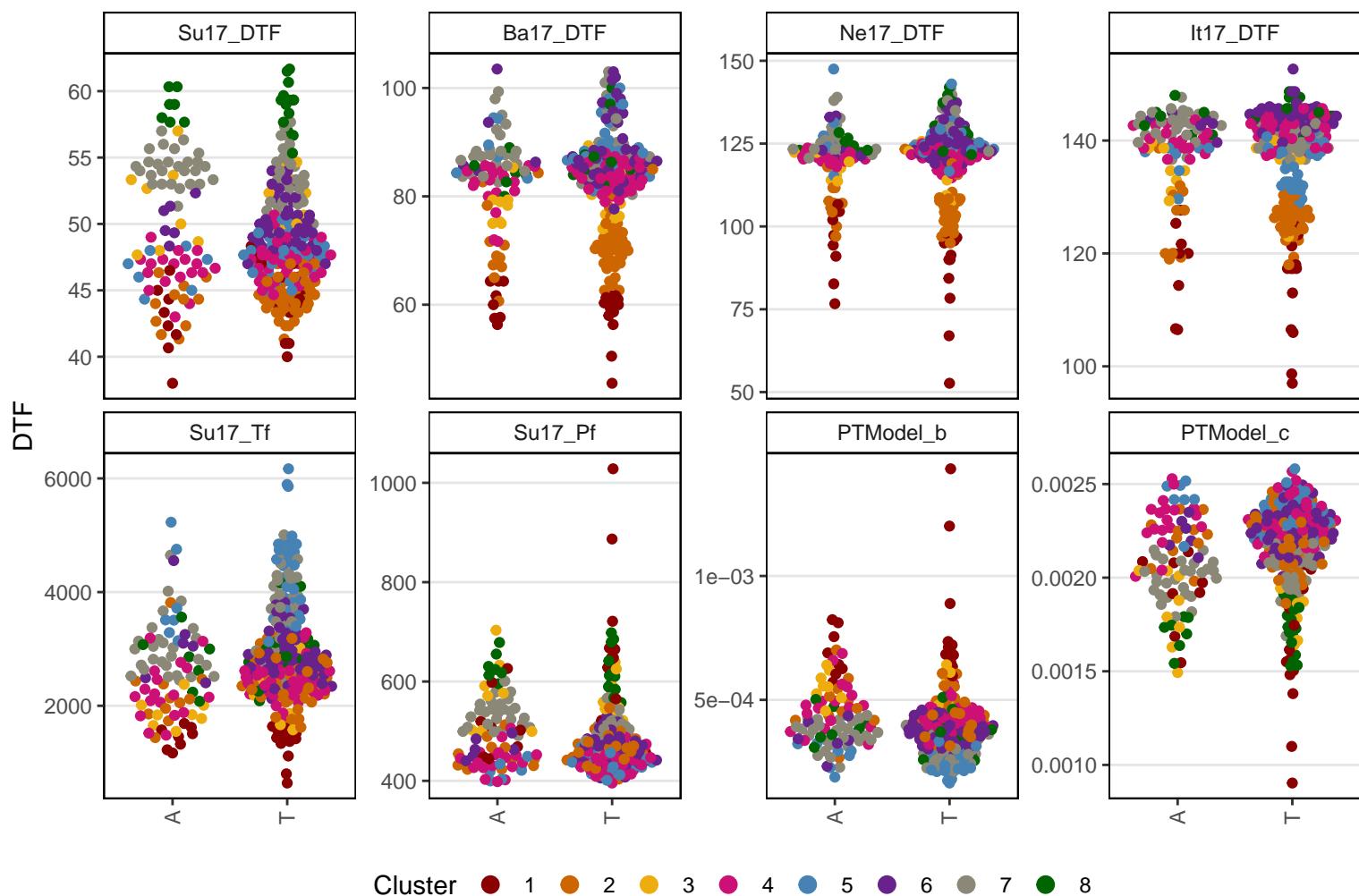
# Lcu.2RBY.Chr5p2715543

DTF



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

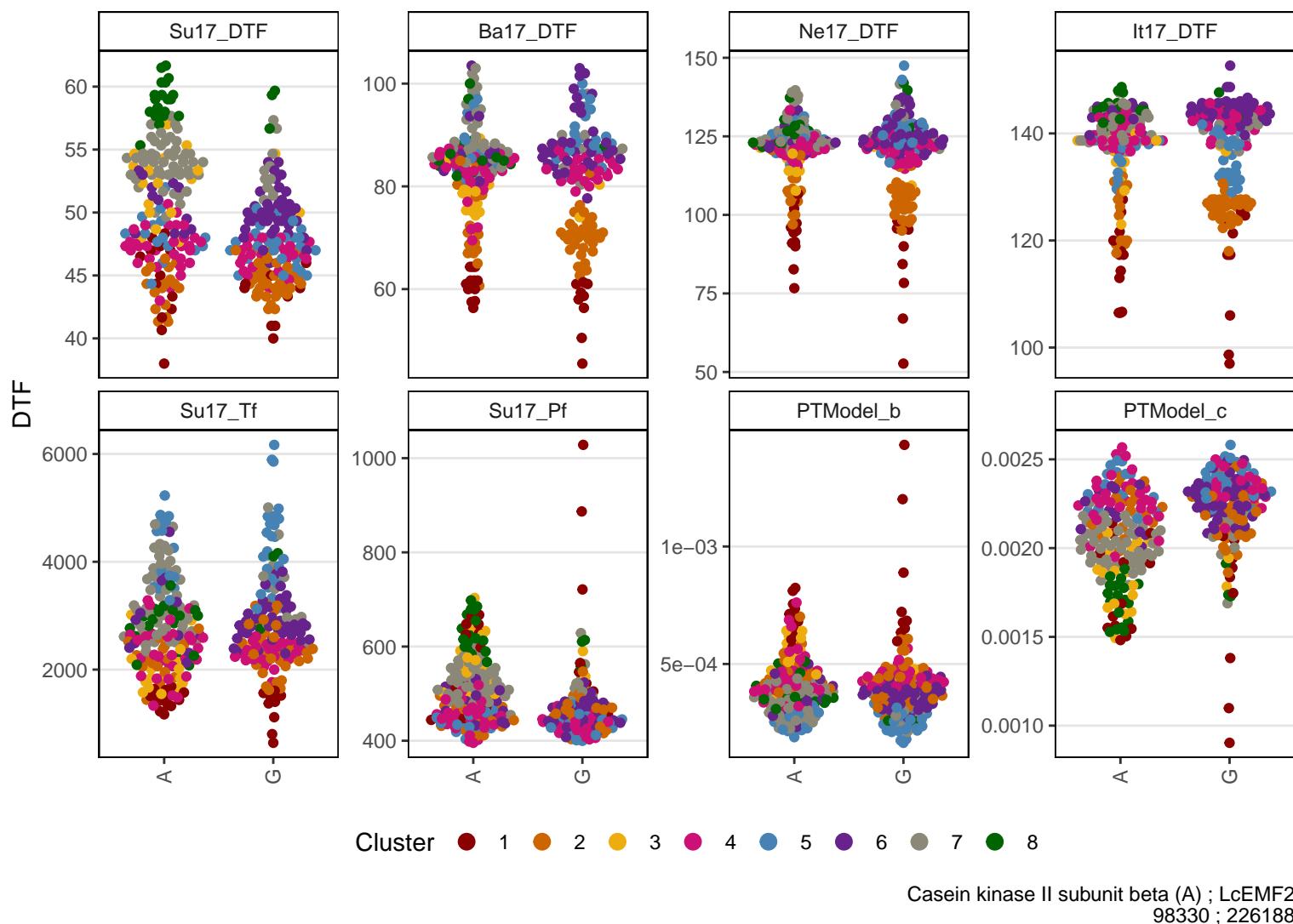
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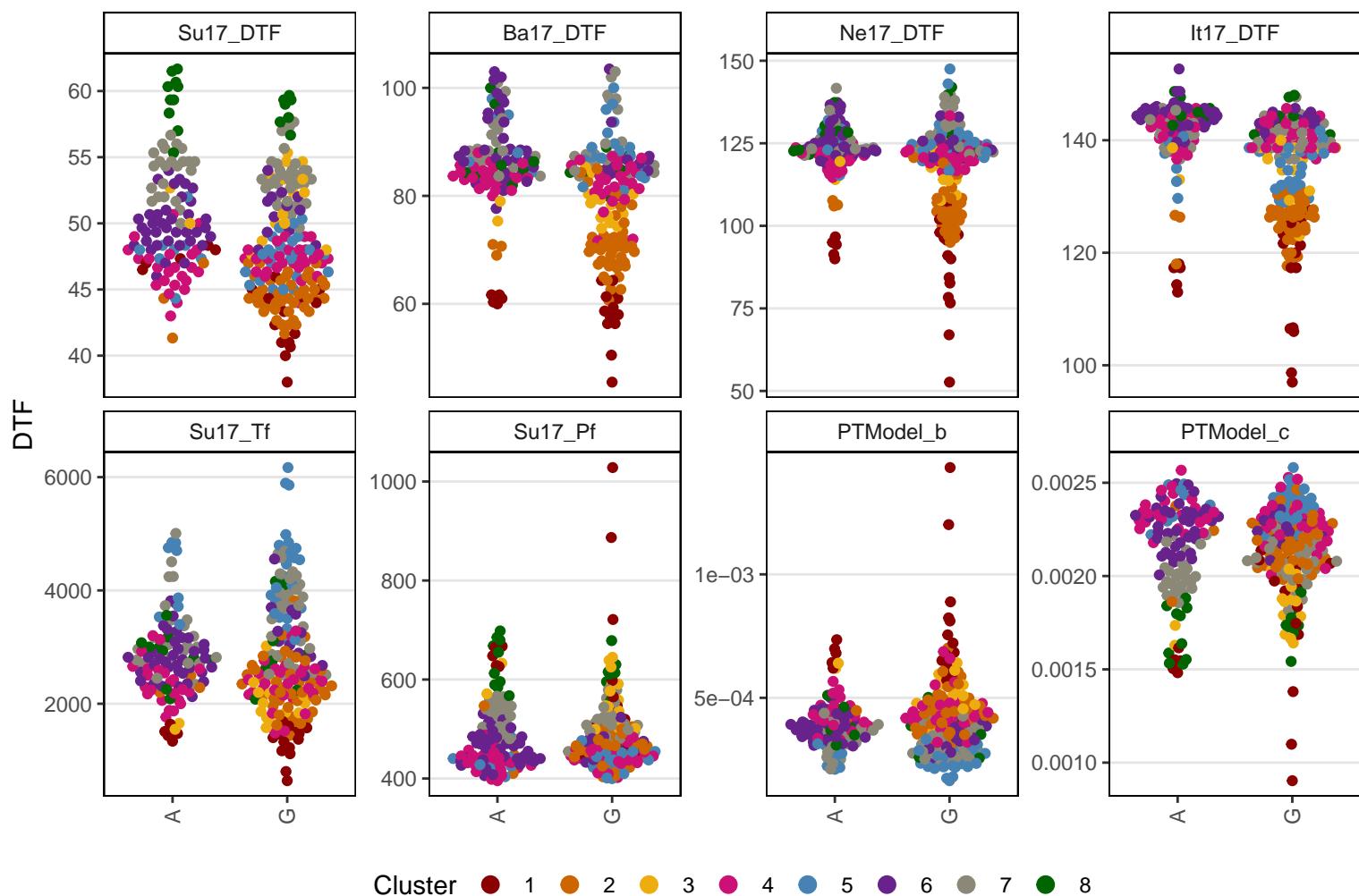
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcEMF2 ; Casein kinase II subunit beta (A) ; LcSPA12a  
1292705 ; 1617223 ; 1705369

# Lcu.2RBY.Chr5p6177674

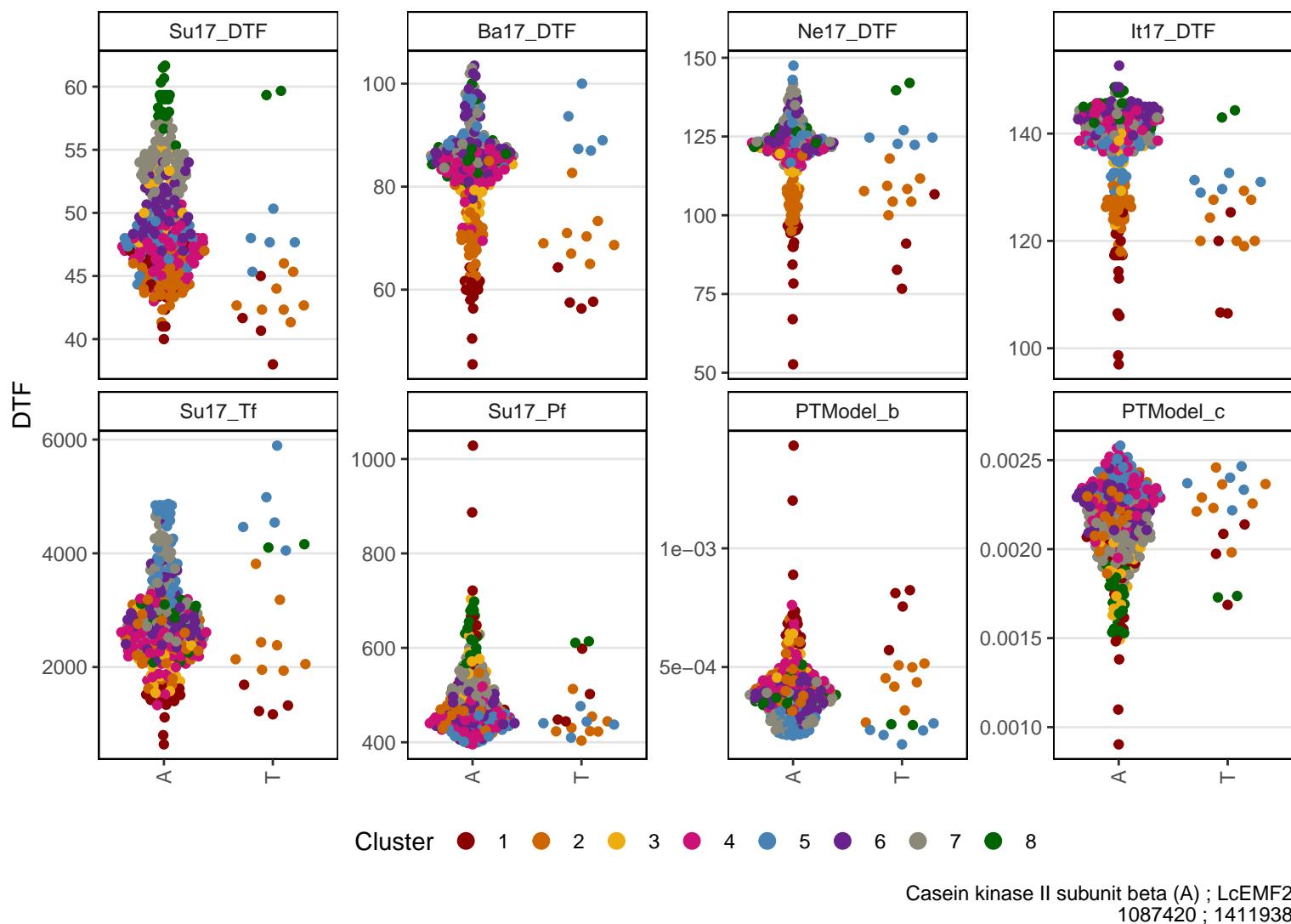


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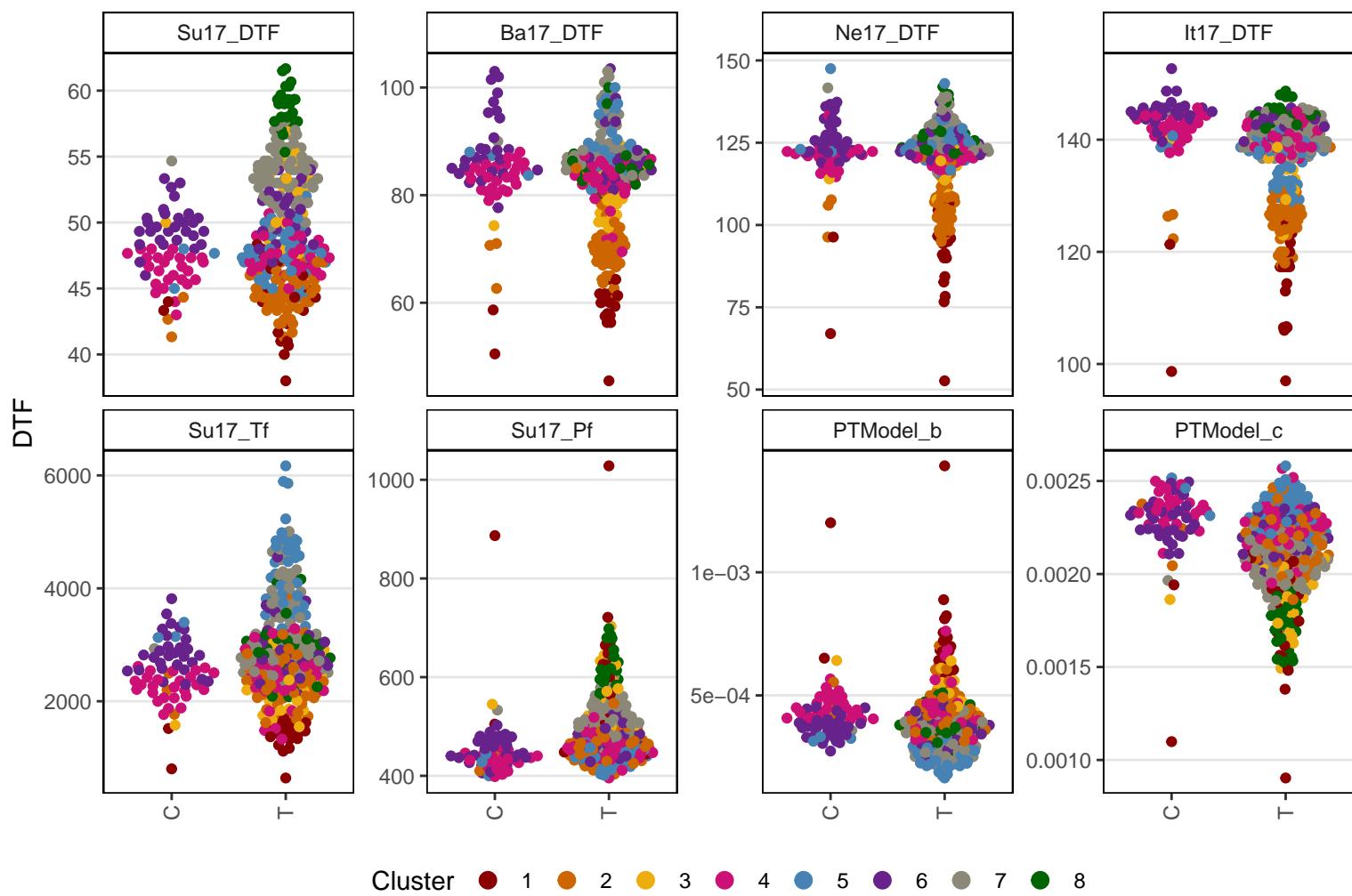


Casein kinase II subunit beta (A) ; LcEMF2  
543991 ; 868509

# Lcu.2RBY.Chr5p7363424



# Lcu.2RBY.Chr5p9133704

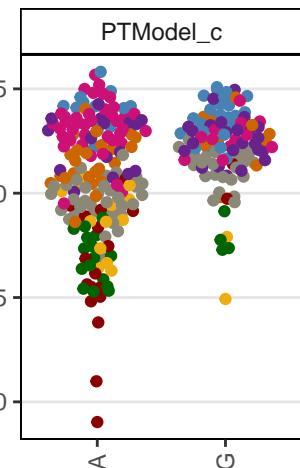
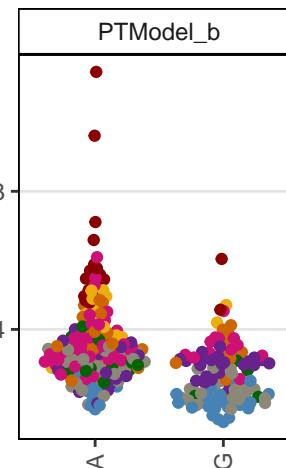
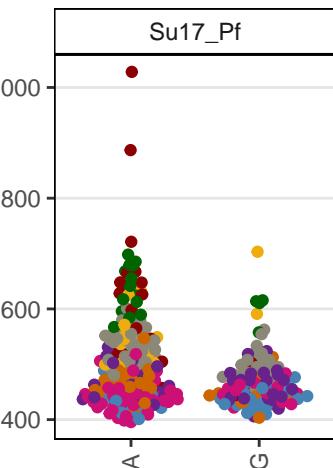
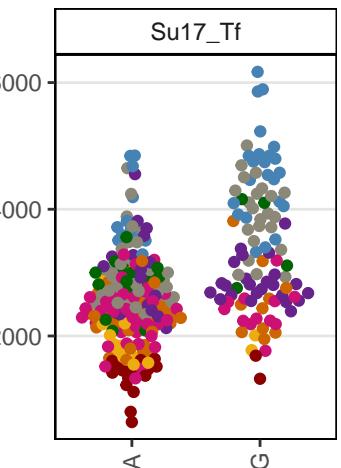
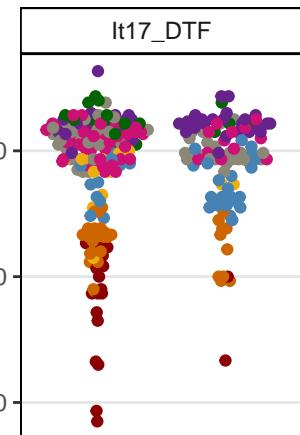
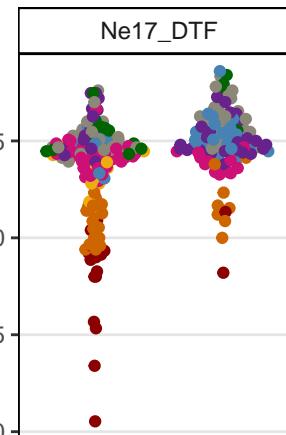
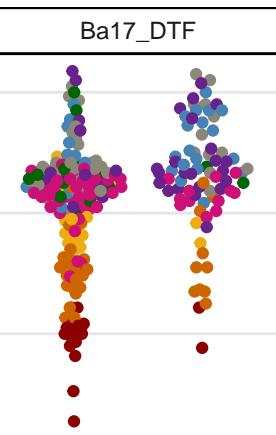
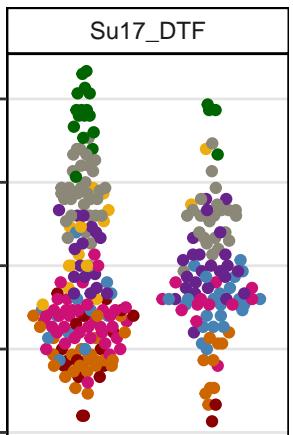


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

AP2 domain transcription factor (B) ; LcCLF ; Casein kinase II subunit beta (A)  
1771815 ; 1939067 ; 2857700

# Lcu.2RBY.Chr5p10187239

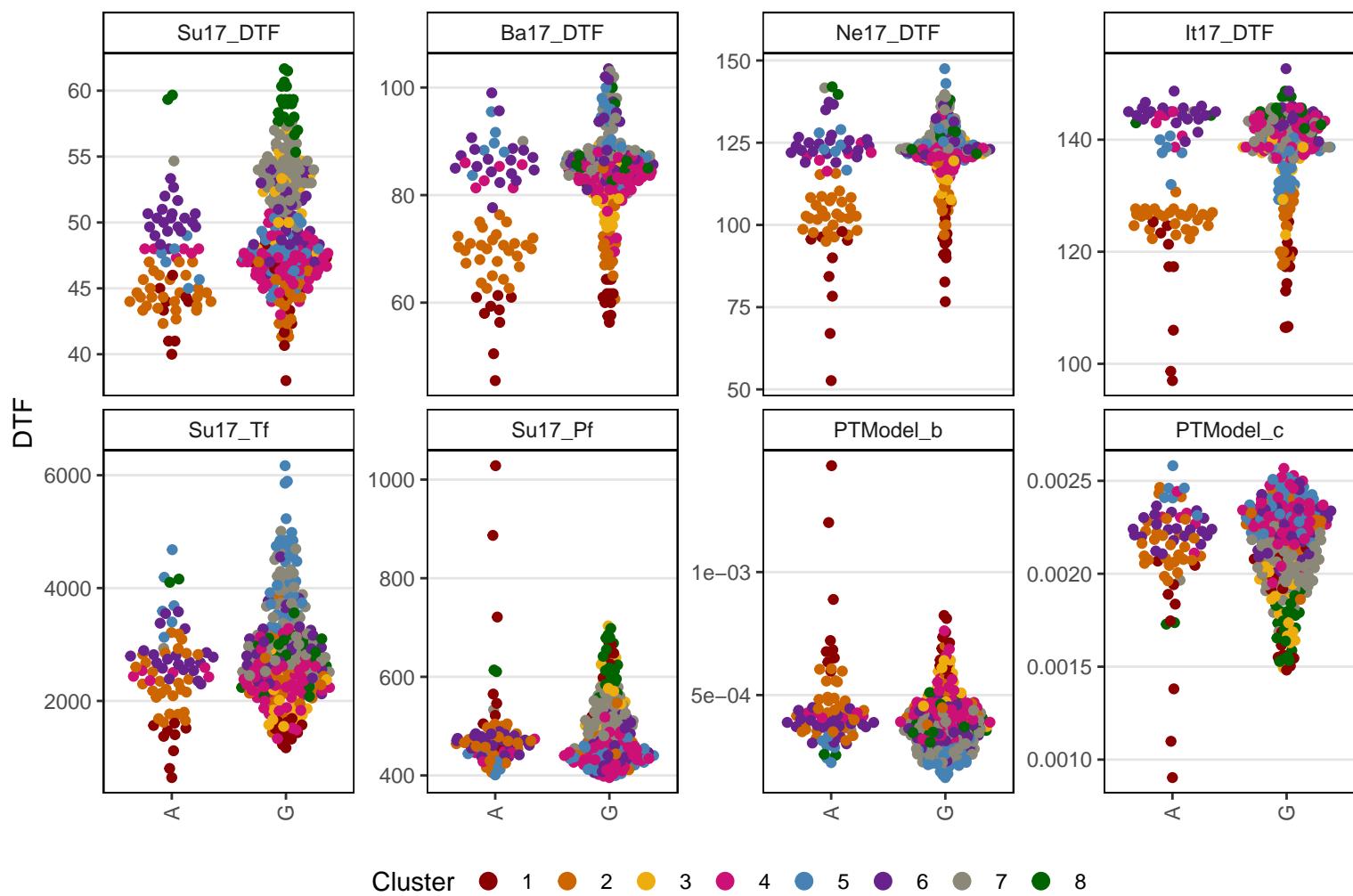
DTF



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

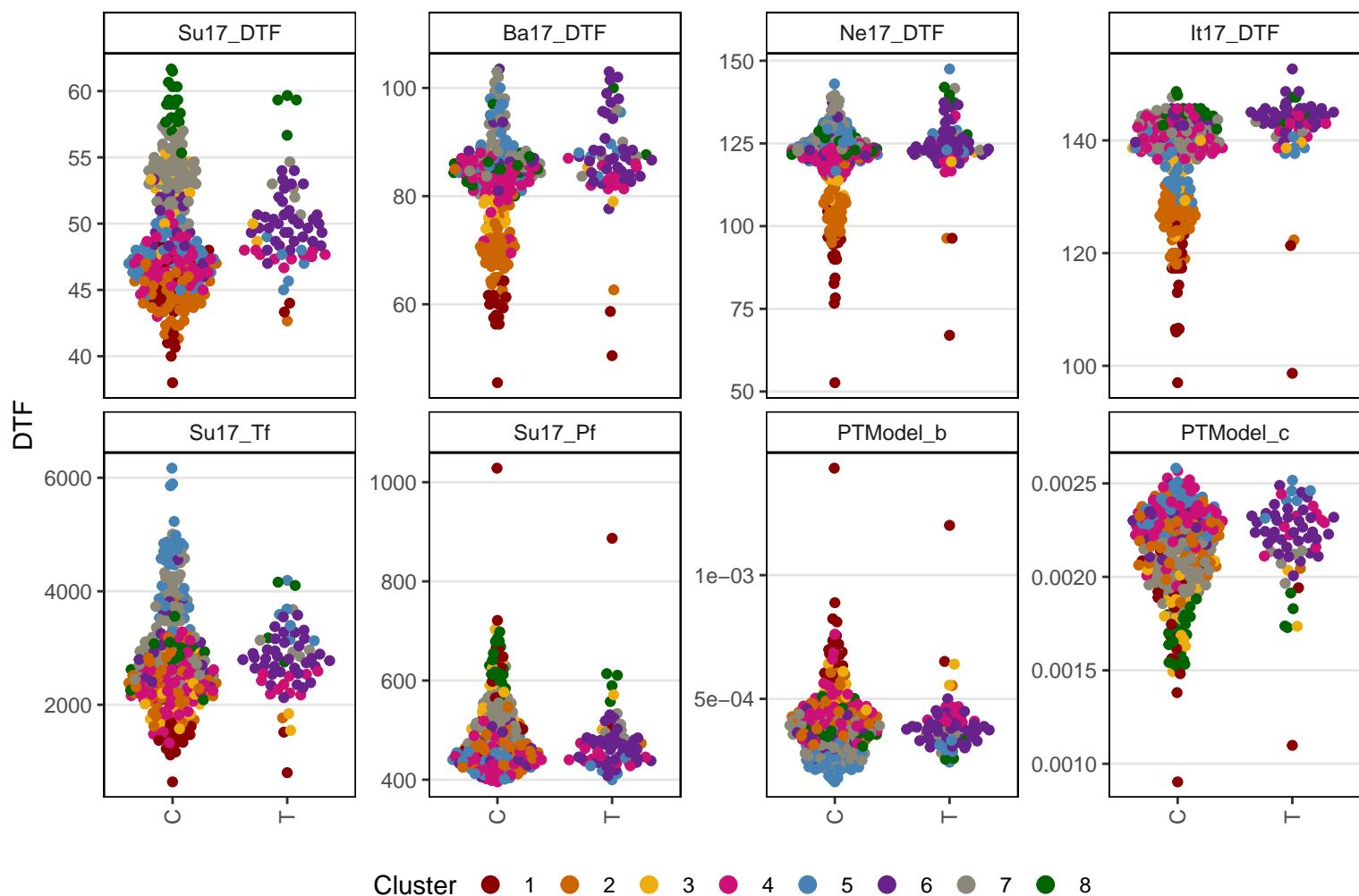
AP2 domain transcription factor (B) ; LcCLF  
718280 ; 885532

# Lcu.2RBY.Chr5p11039726



LcCLF ; AP2 domain transcription factor (B) ; BEL1-related homeotic protein  
33045 ; 134207 ; 2747136

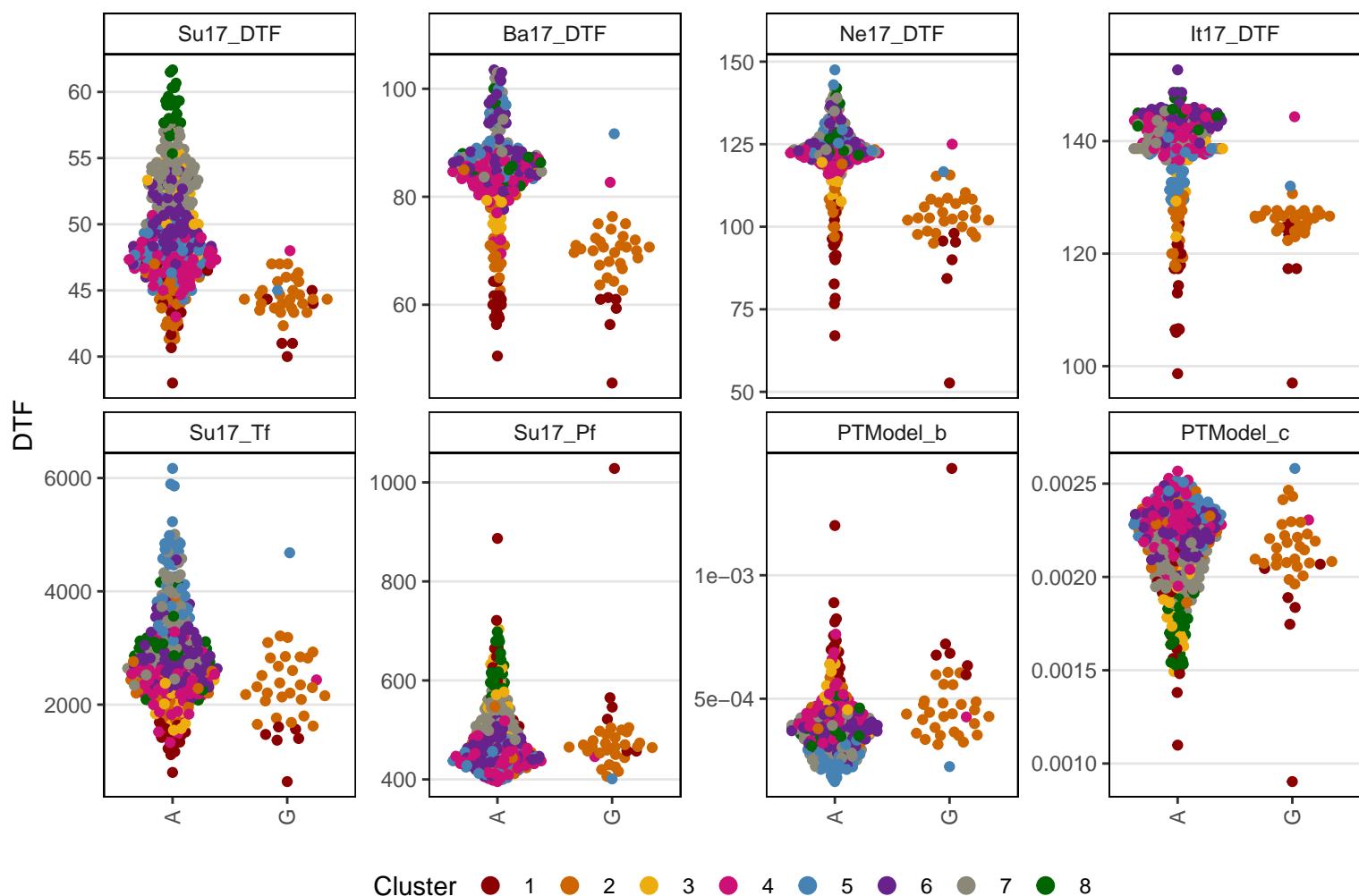
# Lcu.2RBY.Chr5p11785602



Cluster   ● 1   ● 2   ● 3   ● 4   ● 5   ● 6   ● 7   ● 8

LcCLF ; AP2 domain transcription factor (B) ; BEL1-related homeotic protein  
712831 ; 880083 ; 2001260

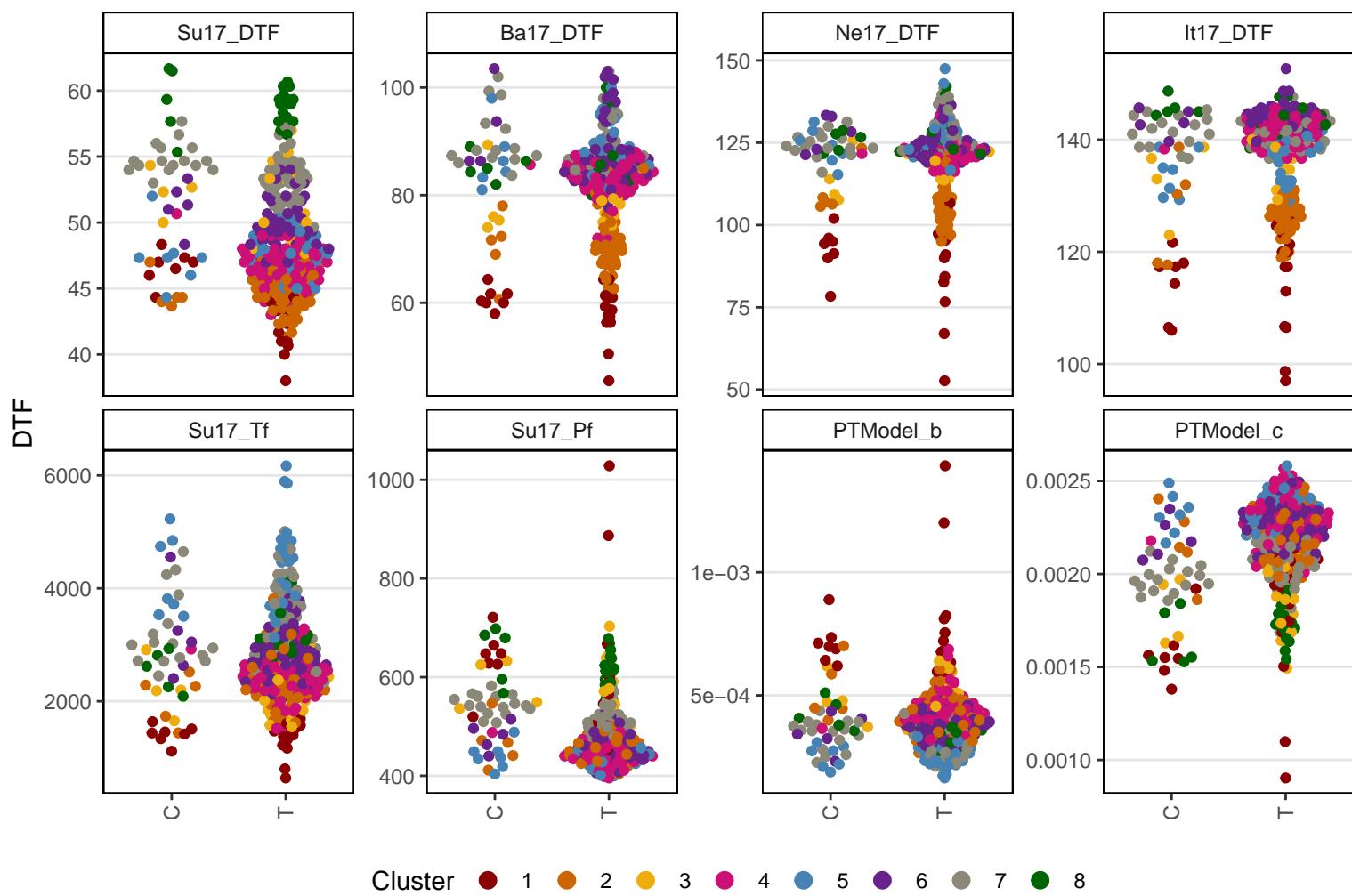
# Lcu.2RBY.Chr5p12031161



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcCLF ; AP2 domain transcription factor (B) ; BEL1-related homeotic protein  
958390 ; 1125642 ; 1755701

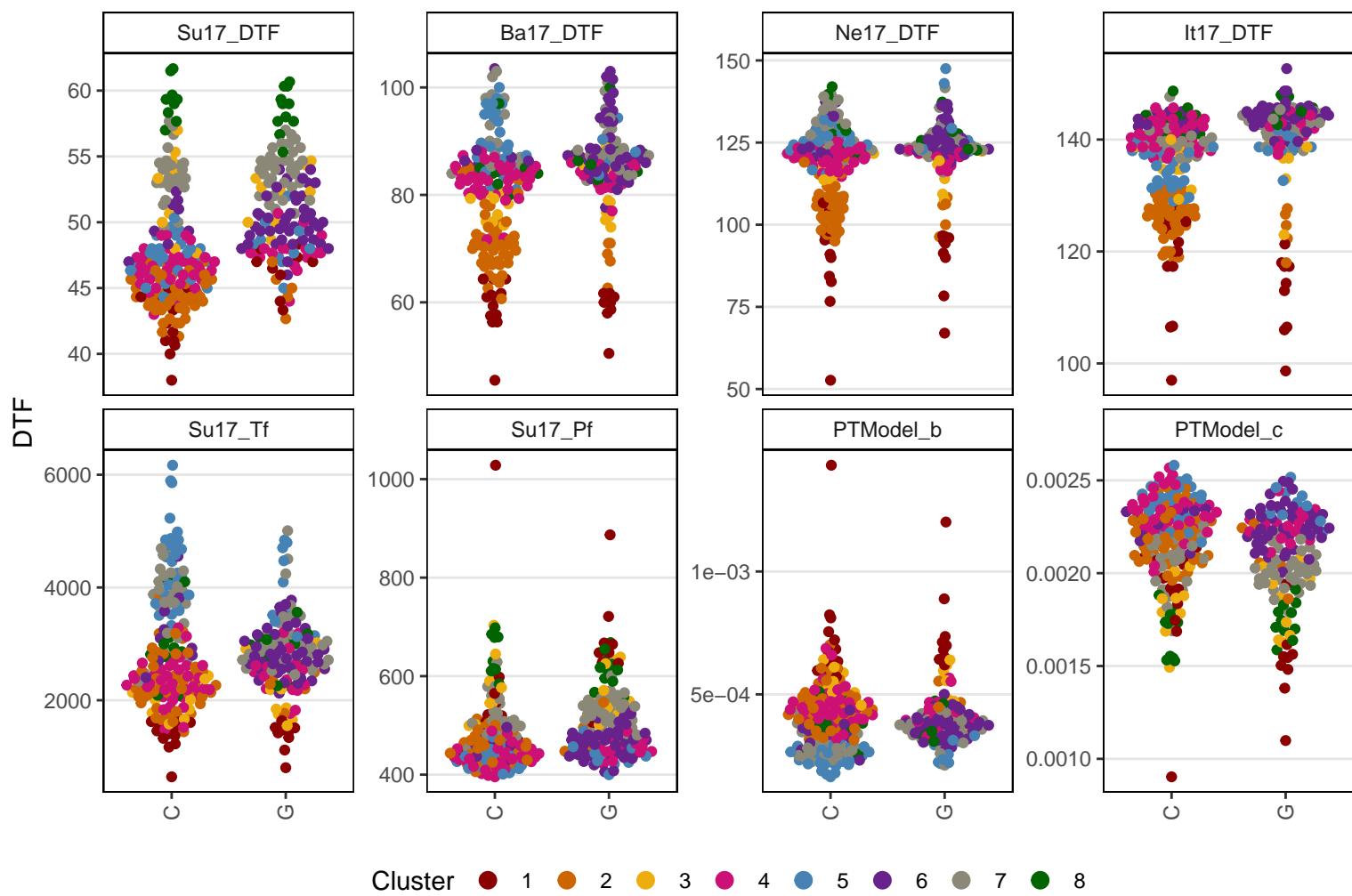
# Lcu.2RBY.Chr5p12129235



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcCLF ; AP2 domain transcription factor (B) ; BEL1-related homeotic protein  
1056464 ; 1223716 ; 1657627

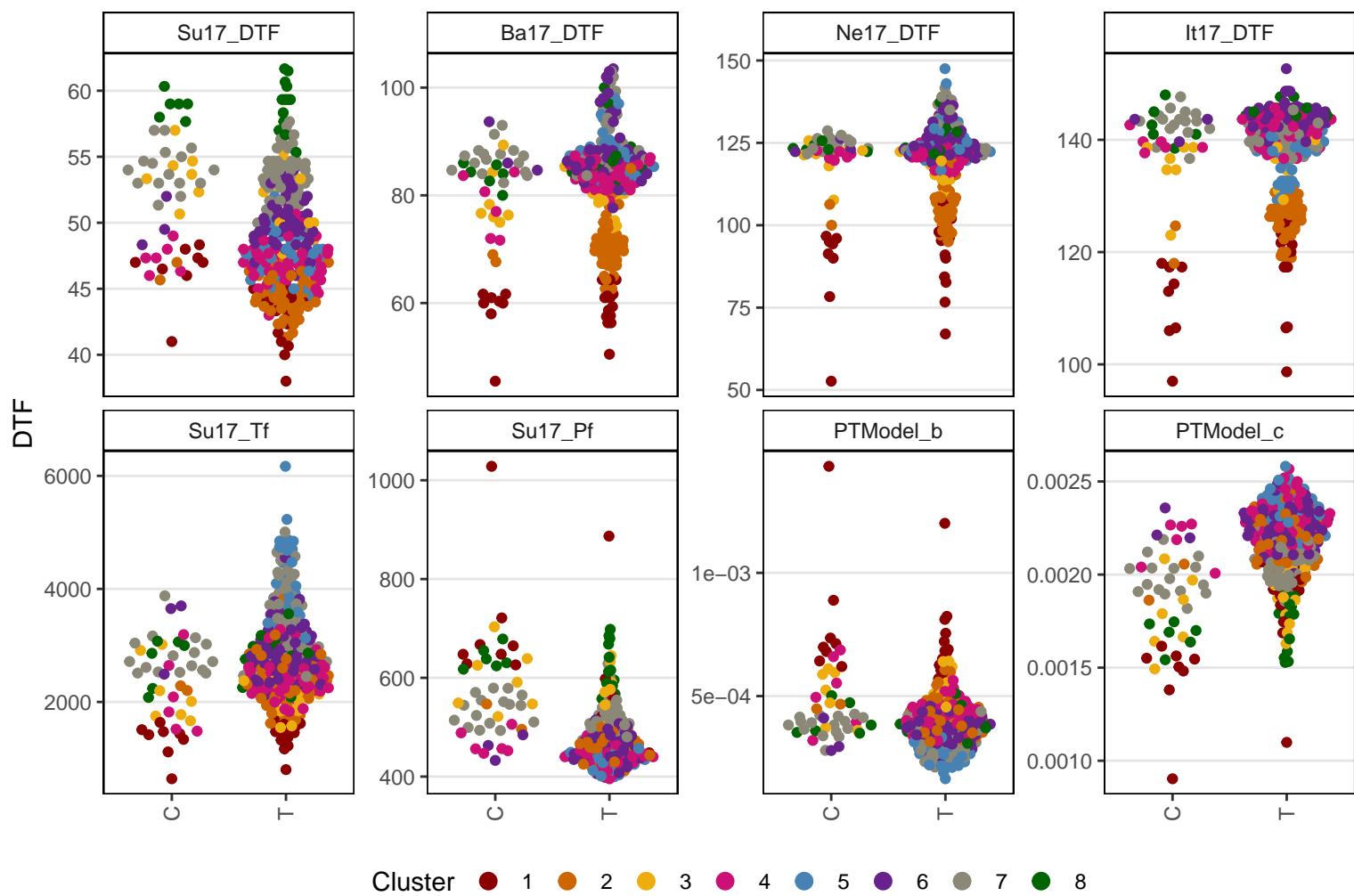
# Lcu.2RBY.Chr5p12374159



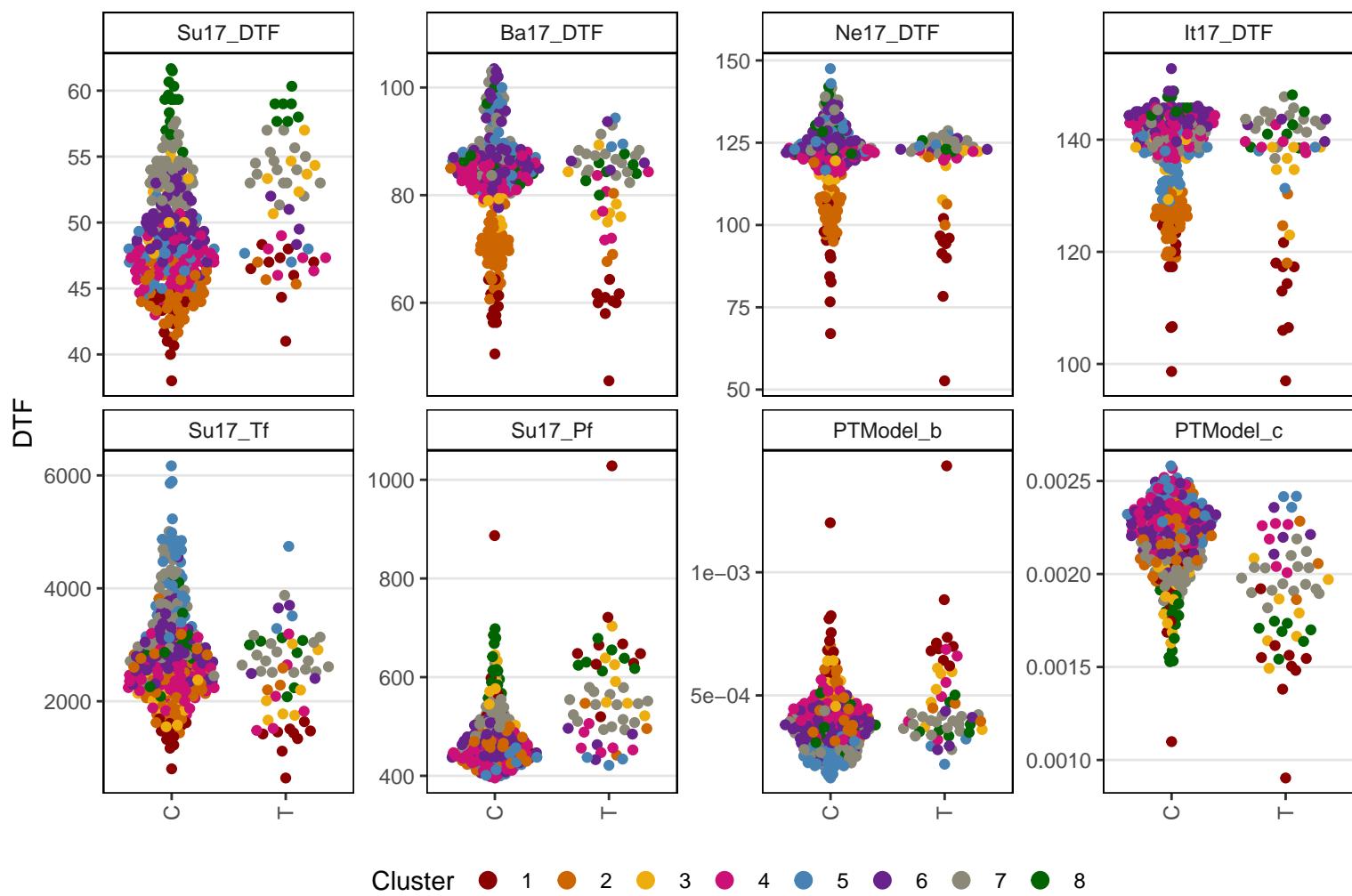
Cluster ● 1 2 3 4 5 6 7 8

LcCLF ; BEL1-related homeotic protein ; AP2 domain transcription factor (B)  
1301388 ; 1412703 ; 1468640

# Lcu.2RBY.Chr5p17358656



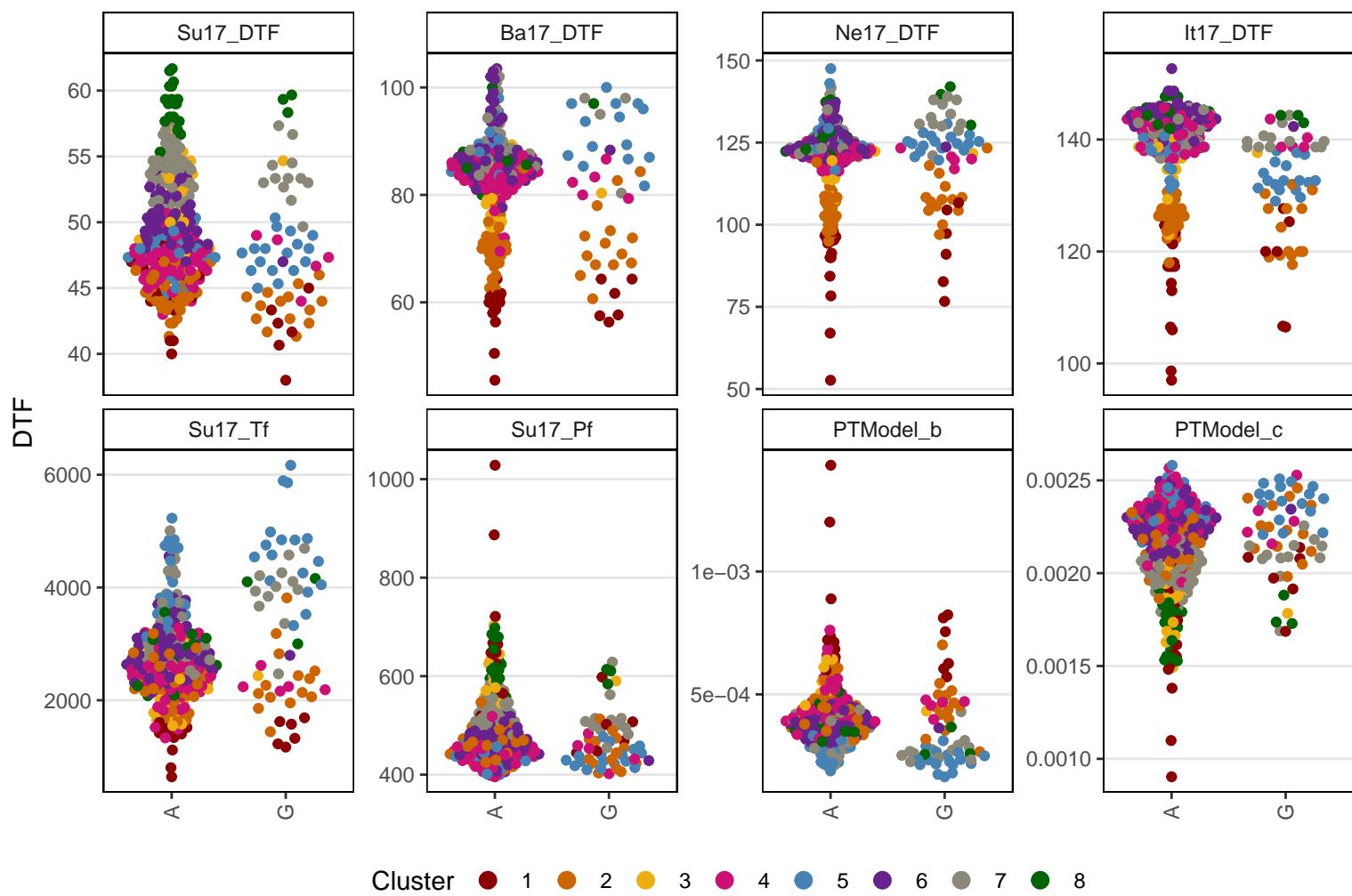
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Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

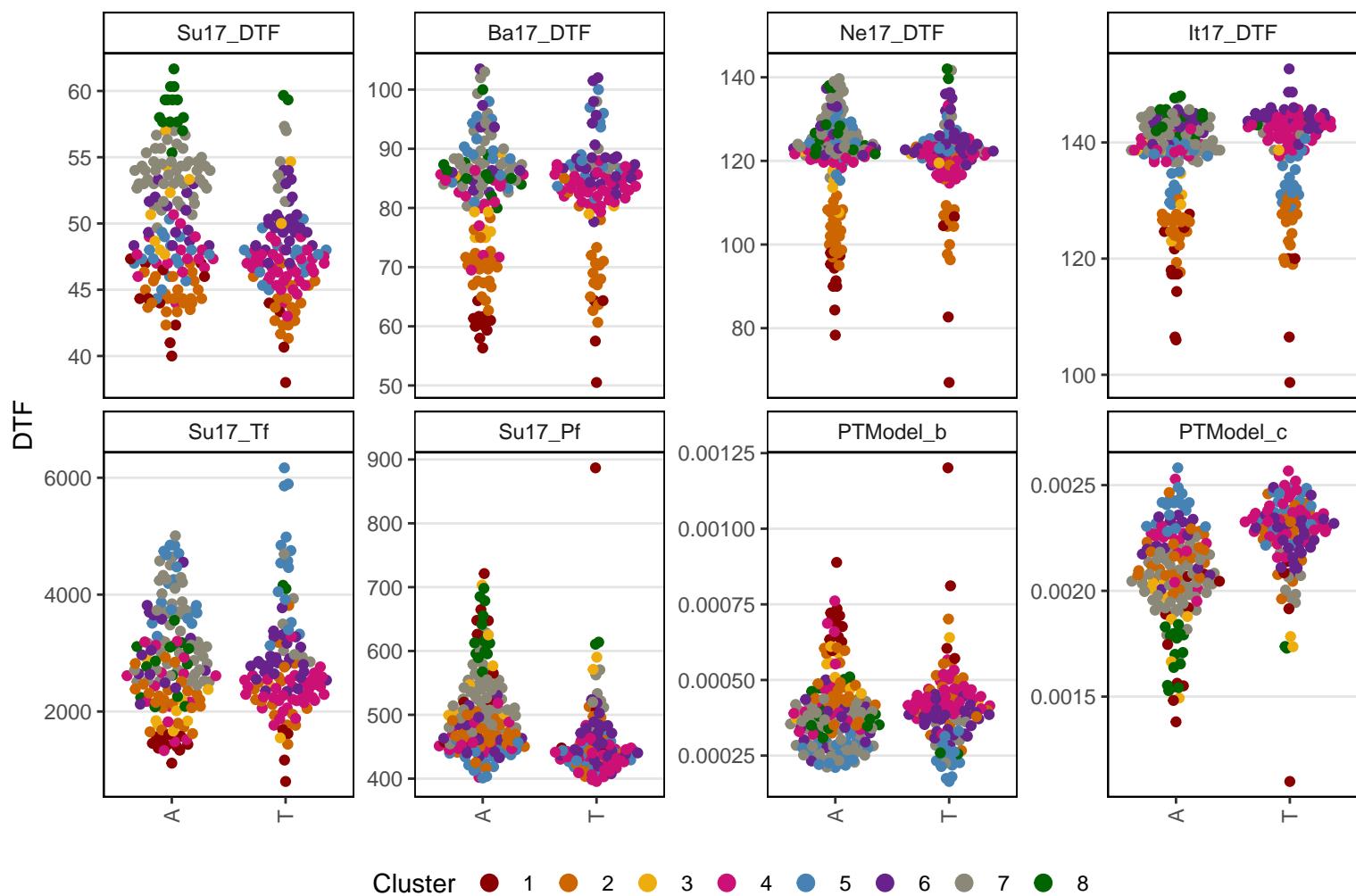
LcAP3b  
726832

# Lcu.2RBY.Chr5p17848538

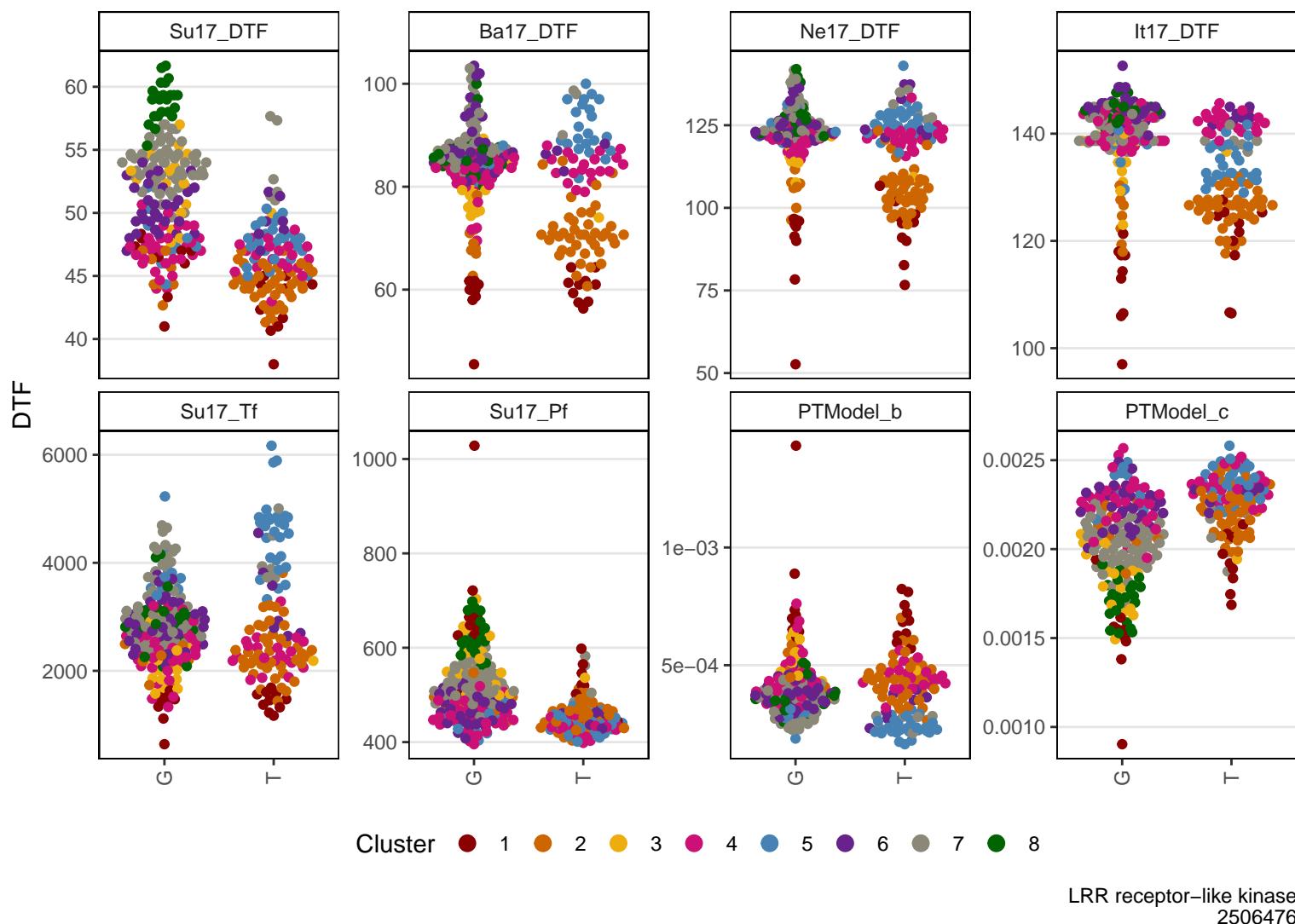


Cluster 1 2 3 4 5 6 7 8

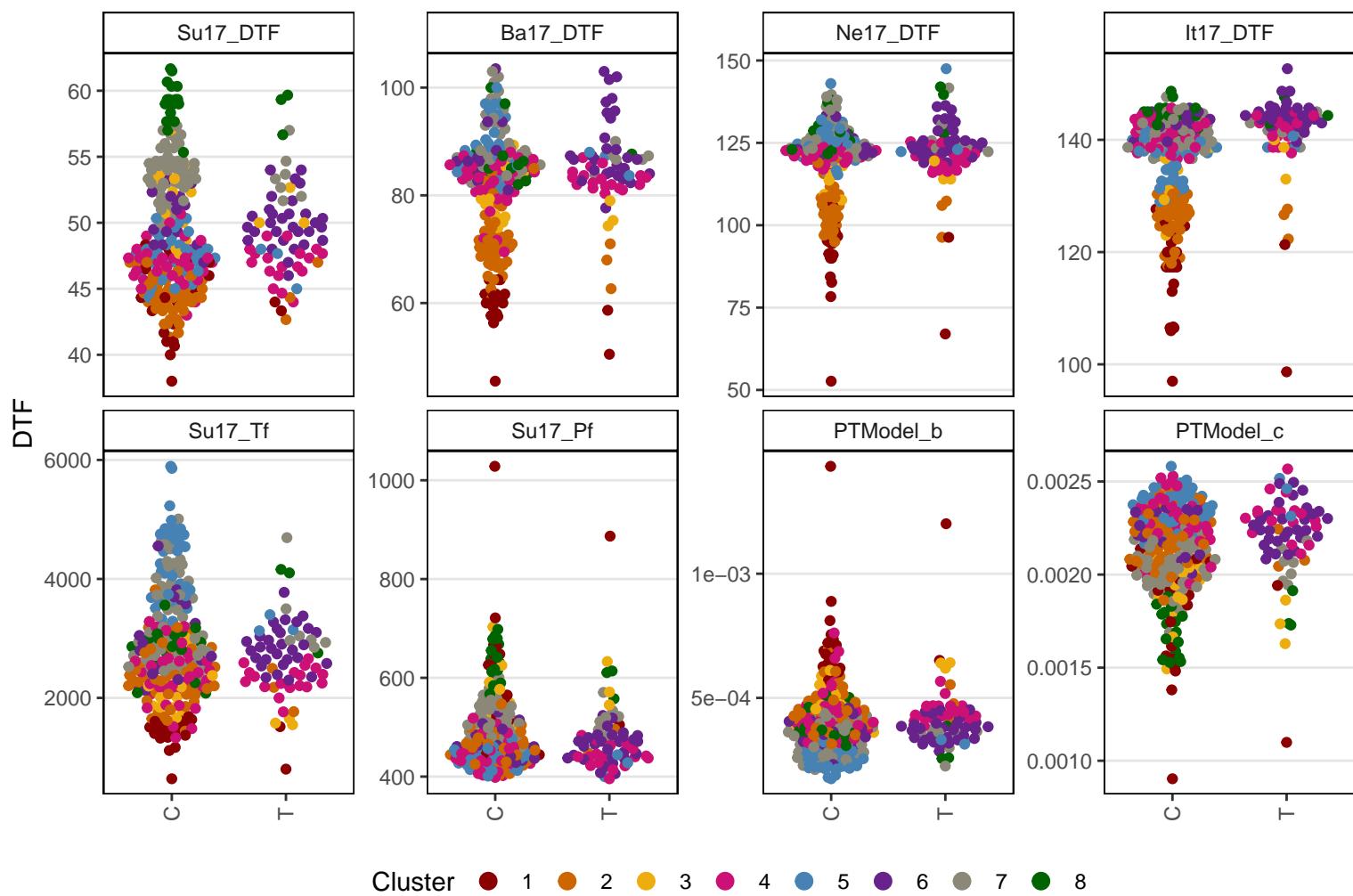
# Lcu.2RBY.Chr5p26728170



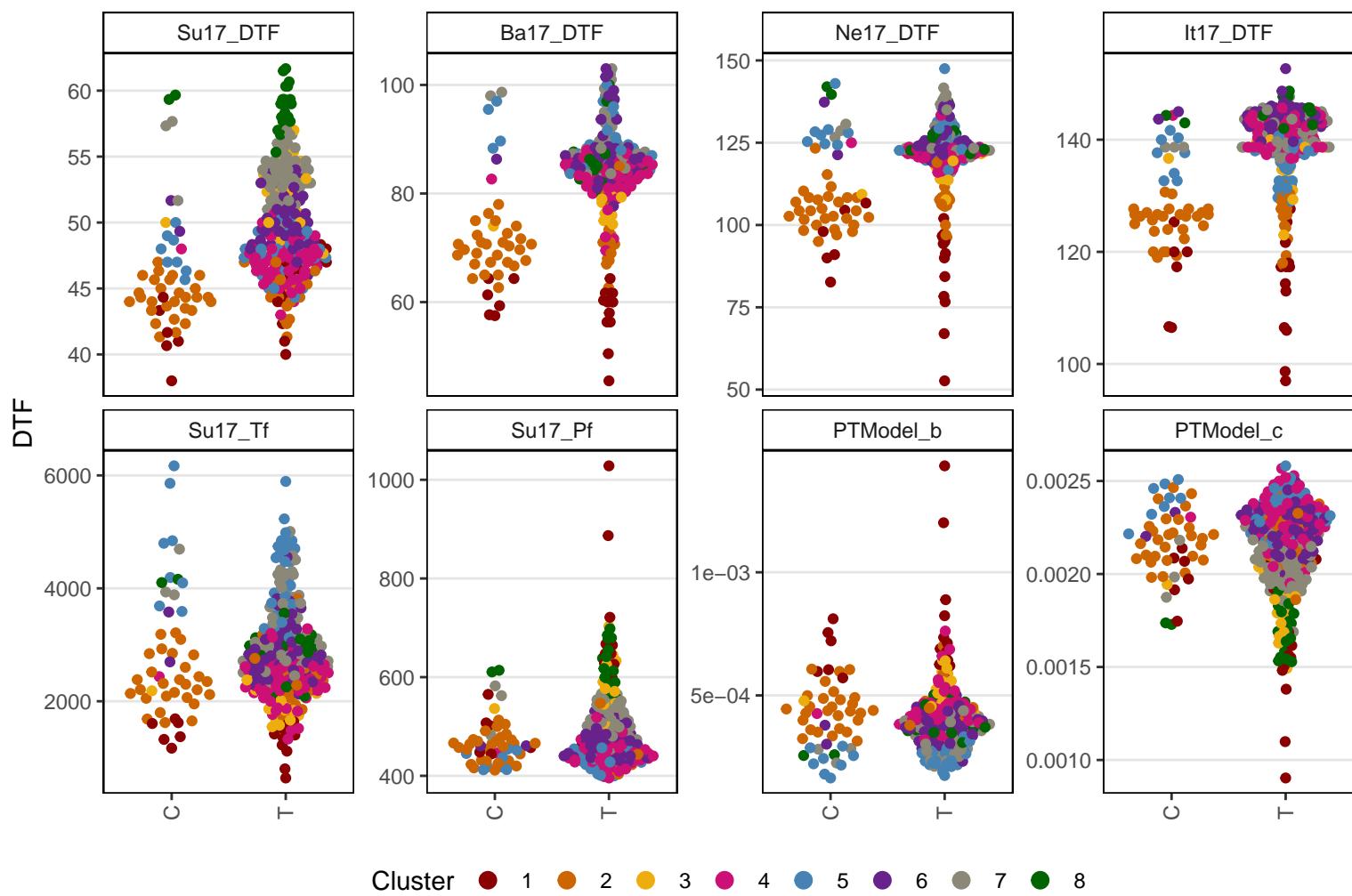
# Lcu.2RBY.Chr5p35607389



# Lcu.2RBY.Chr5p36642660

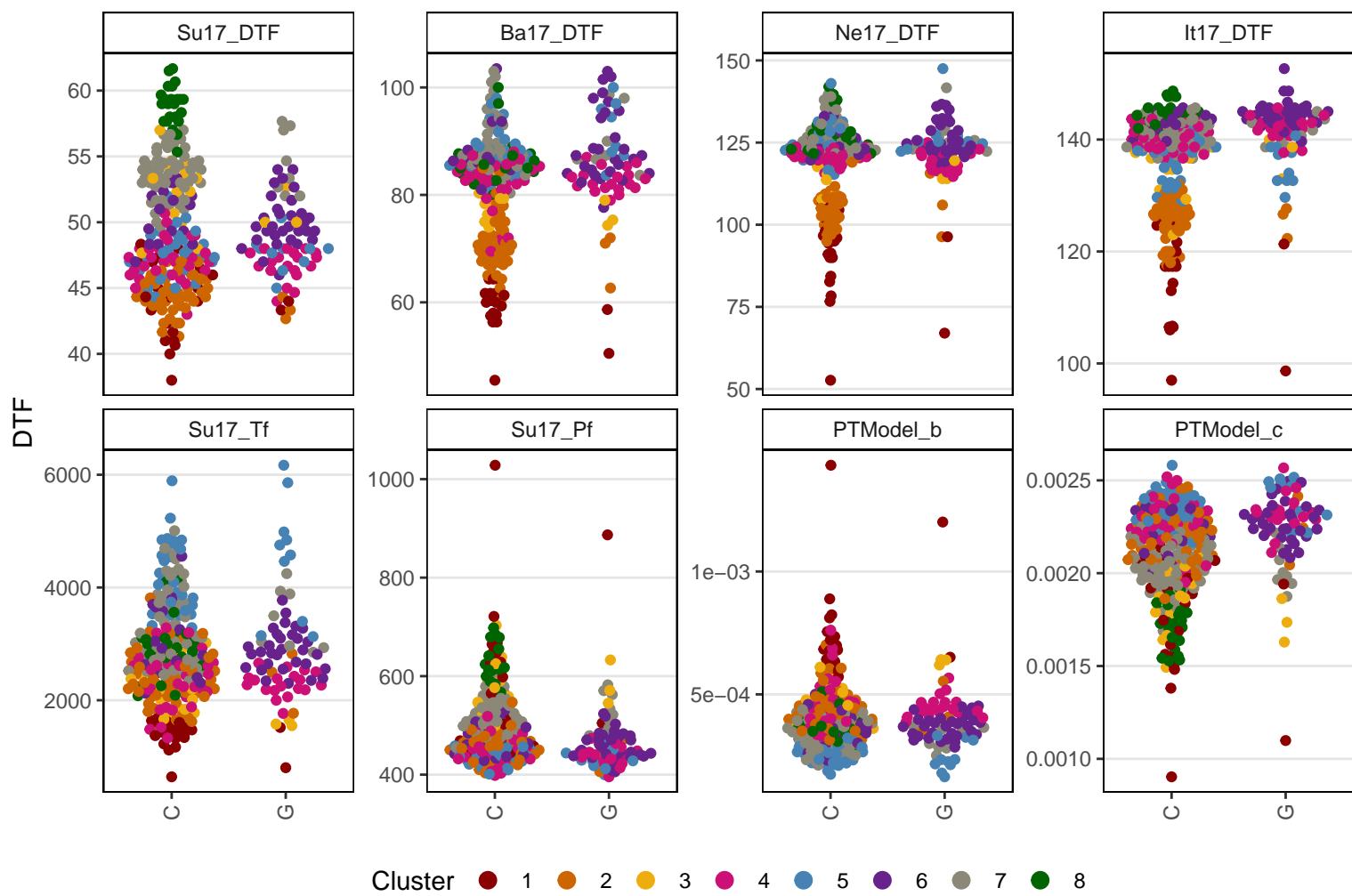


# Lcu.2RBY.Chr5p41823287



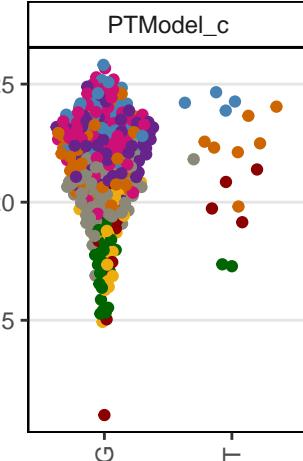
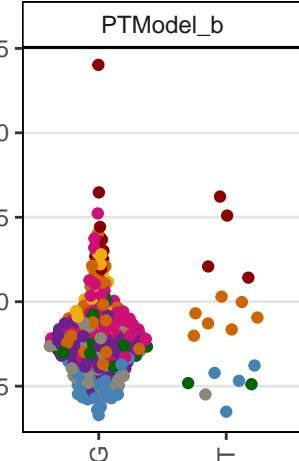
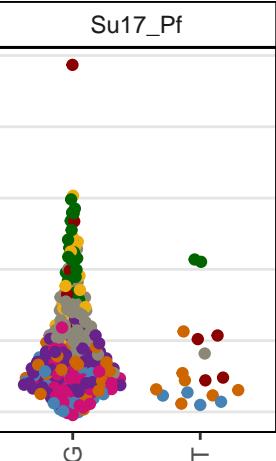
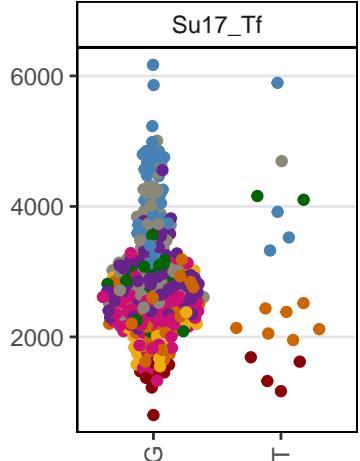
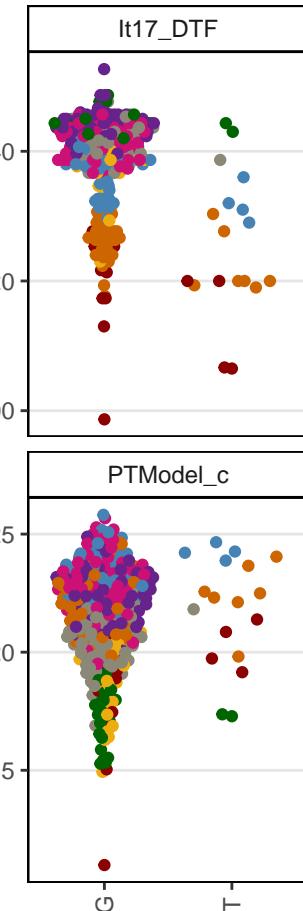
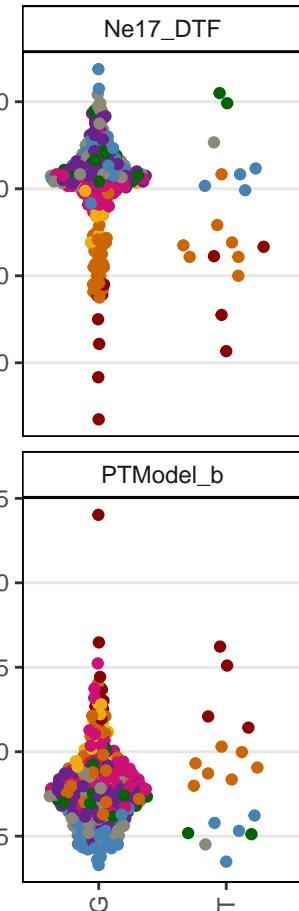
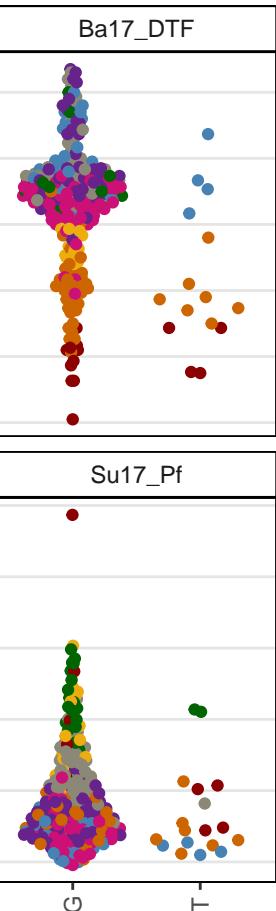
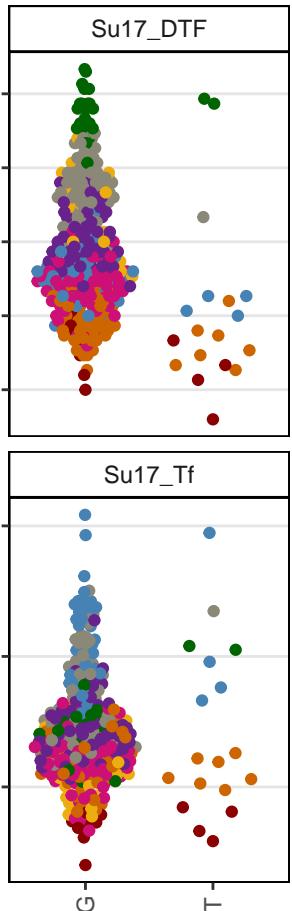
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

# Lcu.2RBY.Chr5p60534469



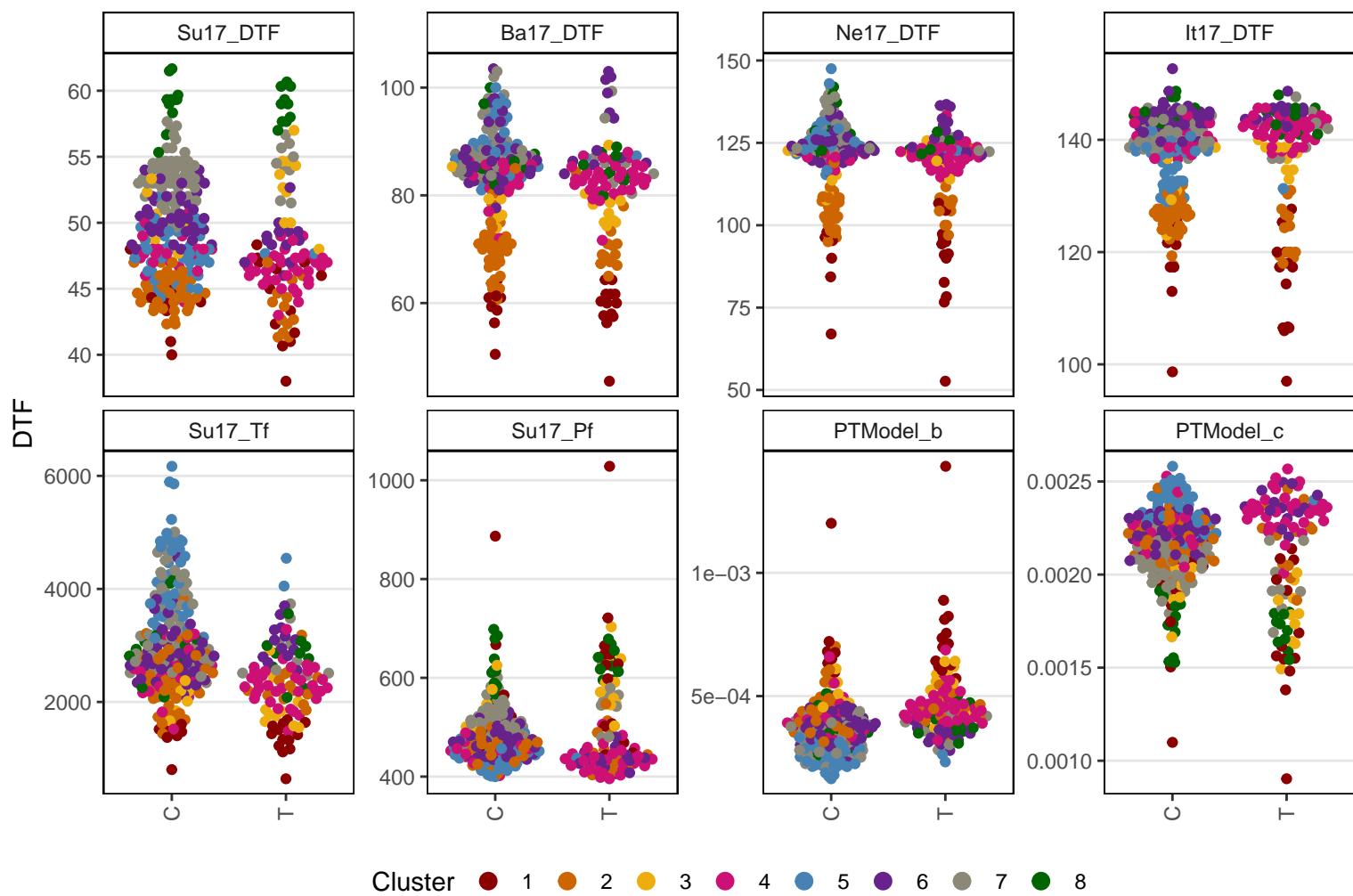
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DTF

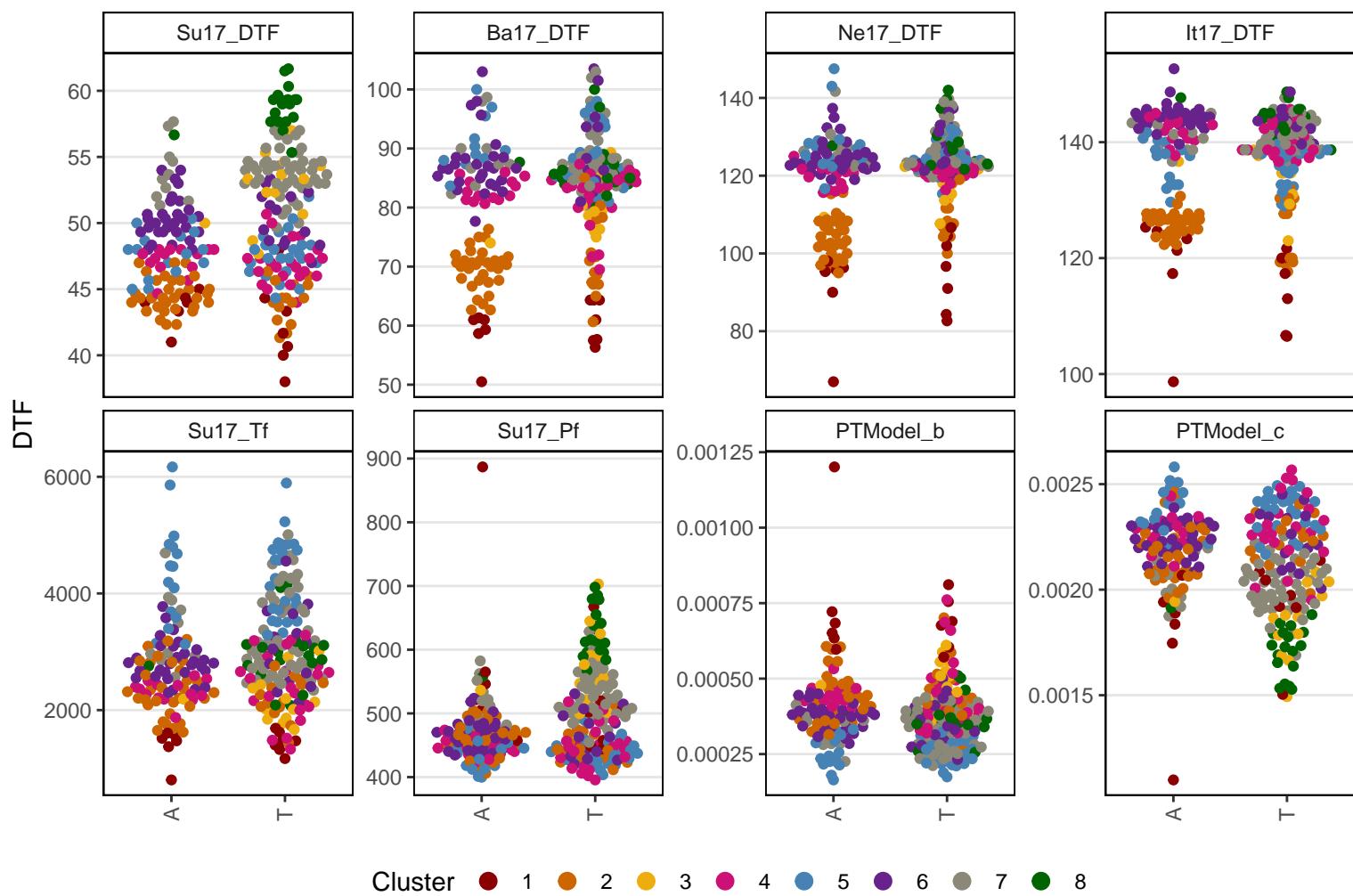


Cluster 1 2 3 4 5 6 7 8

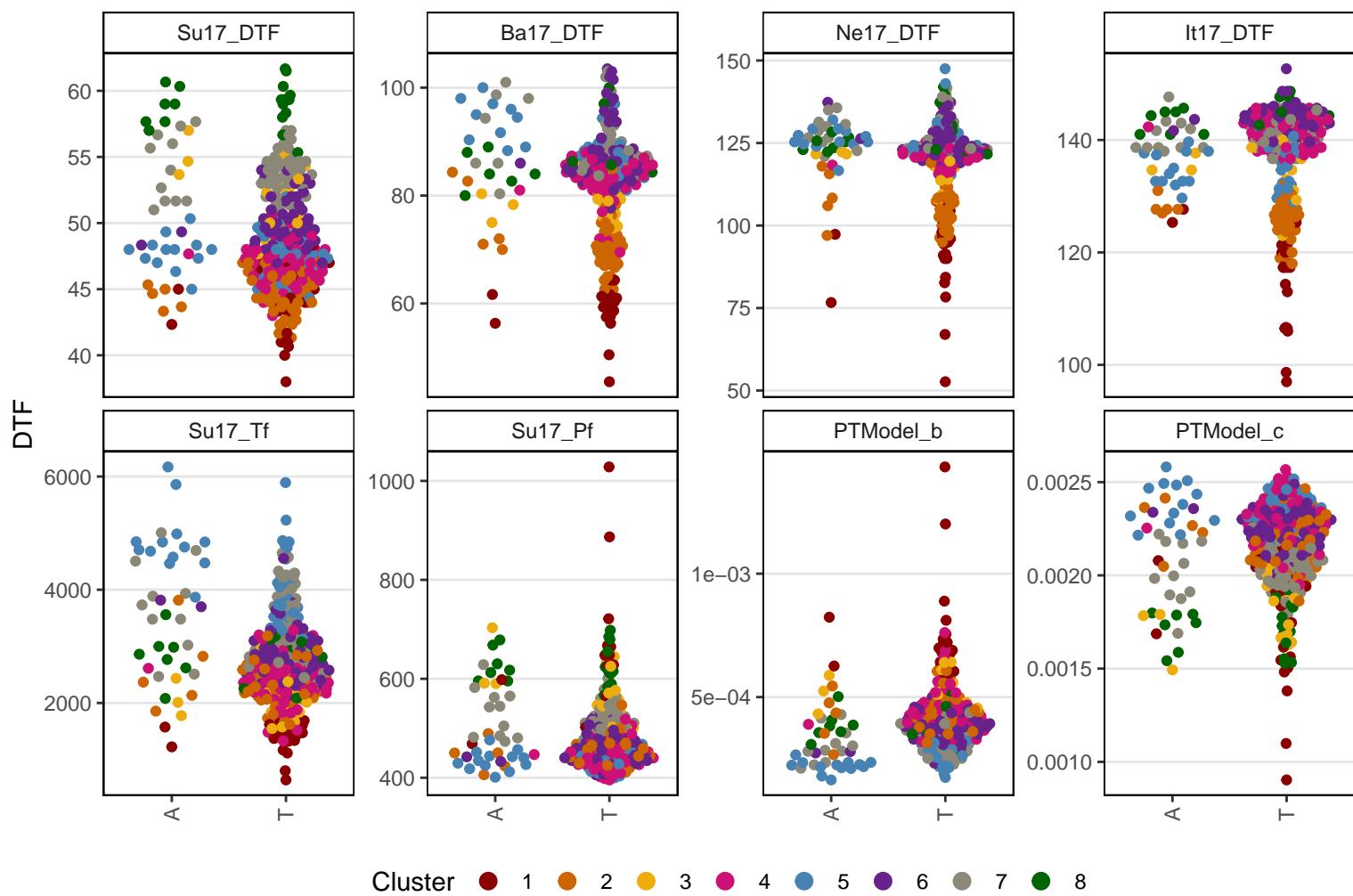
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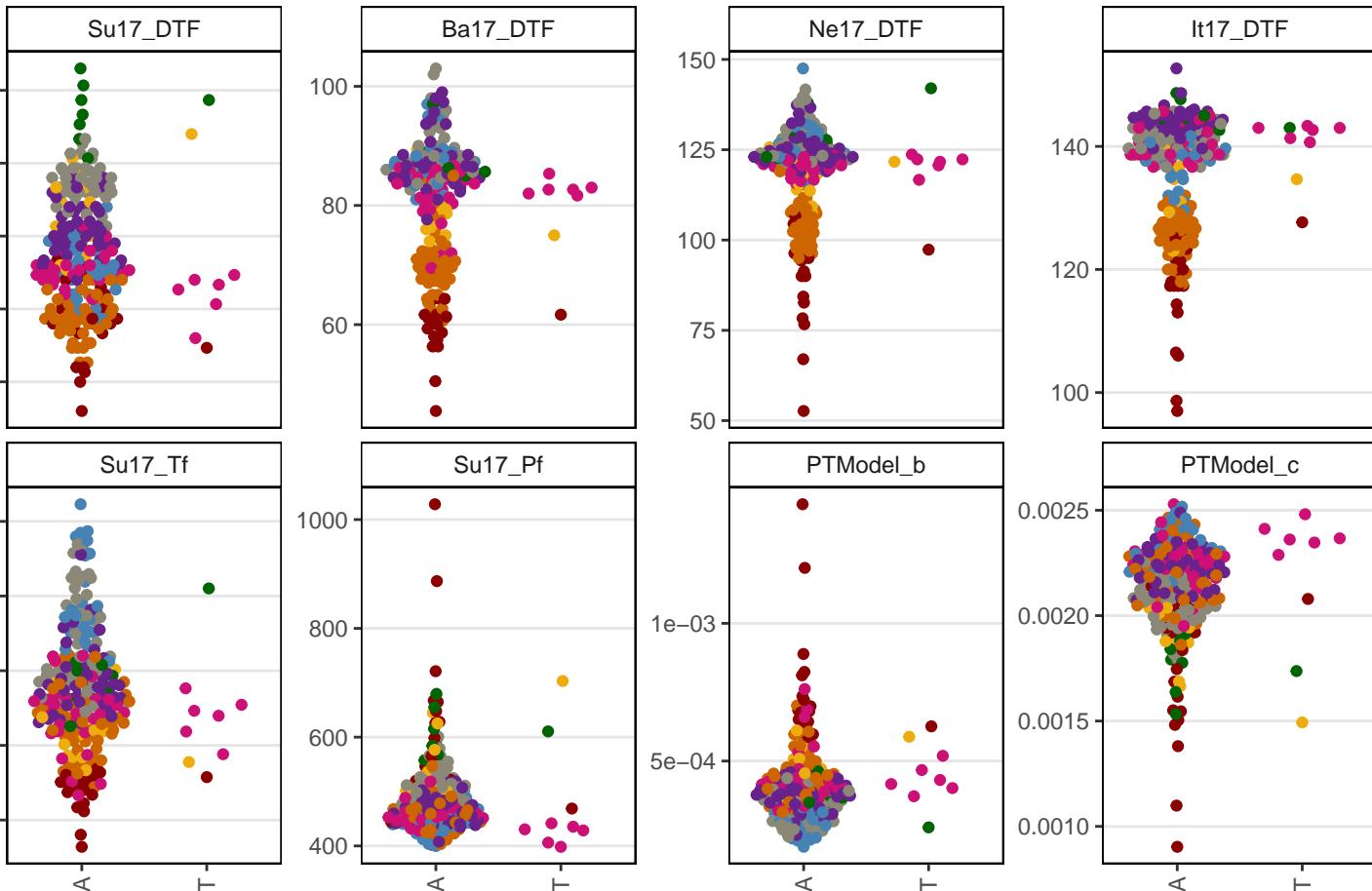


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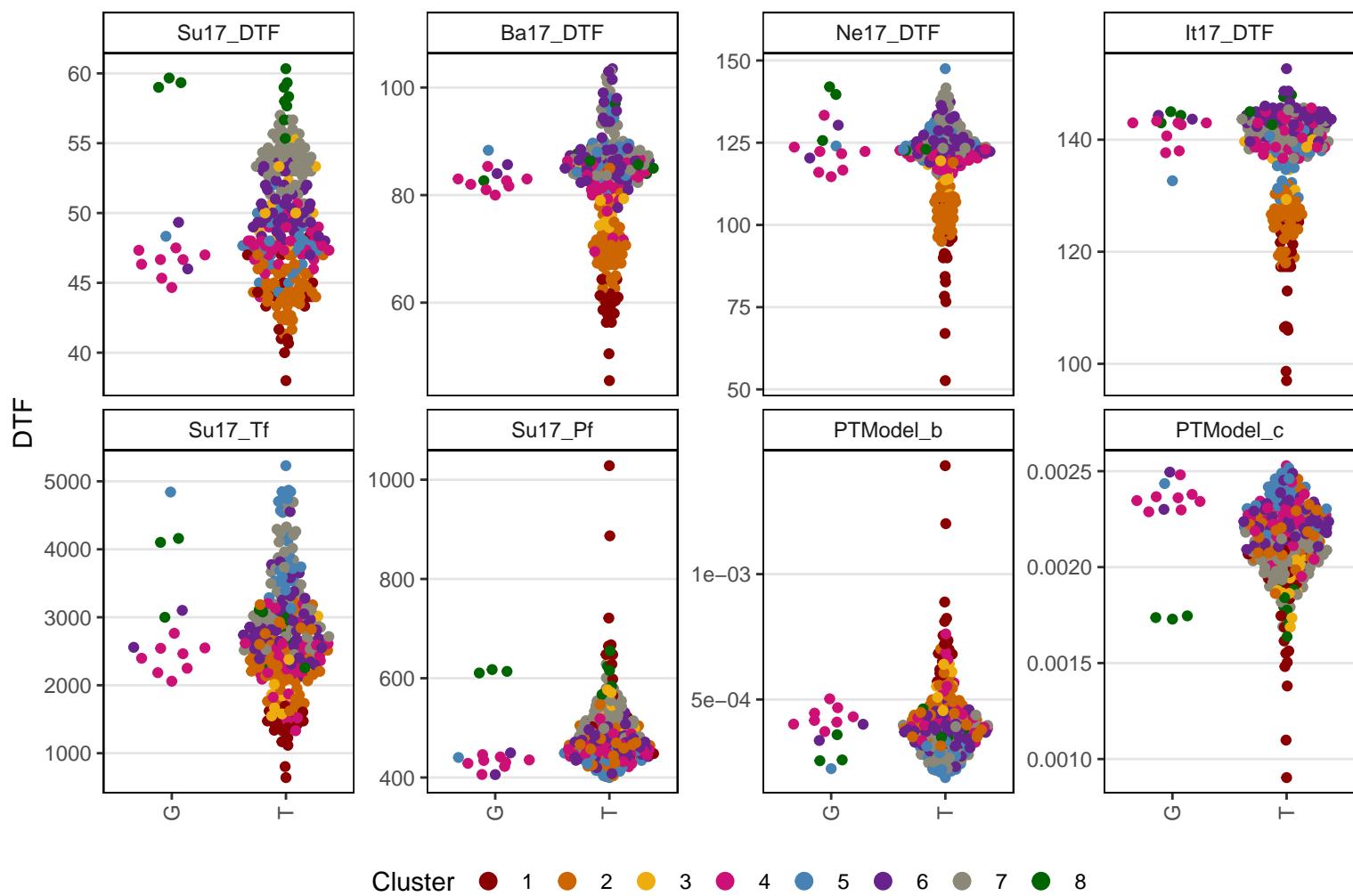
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DTF



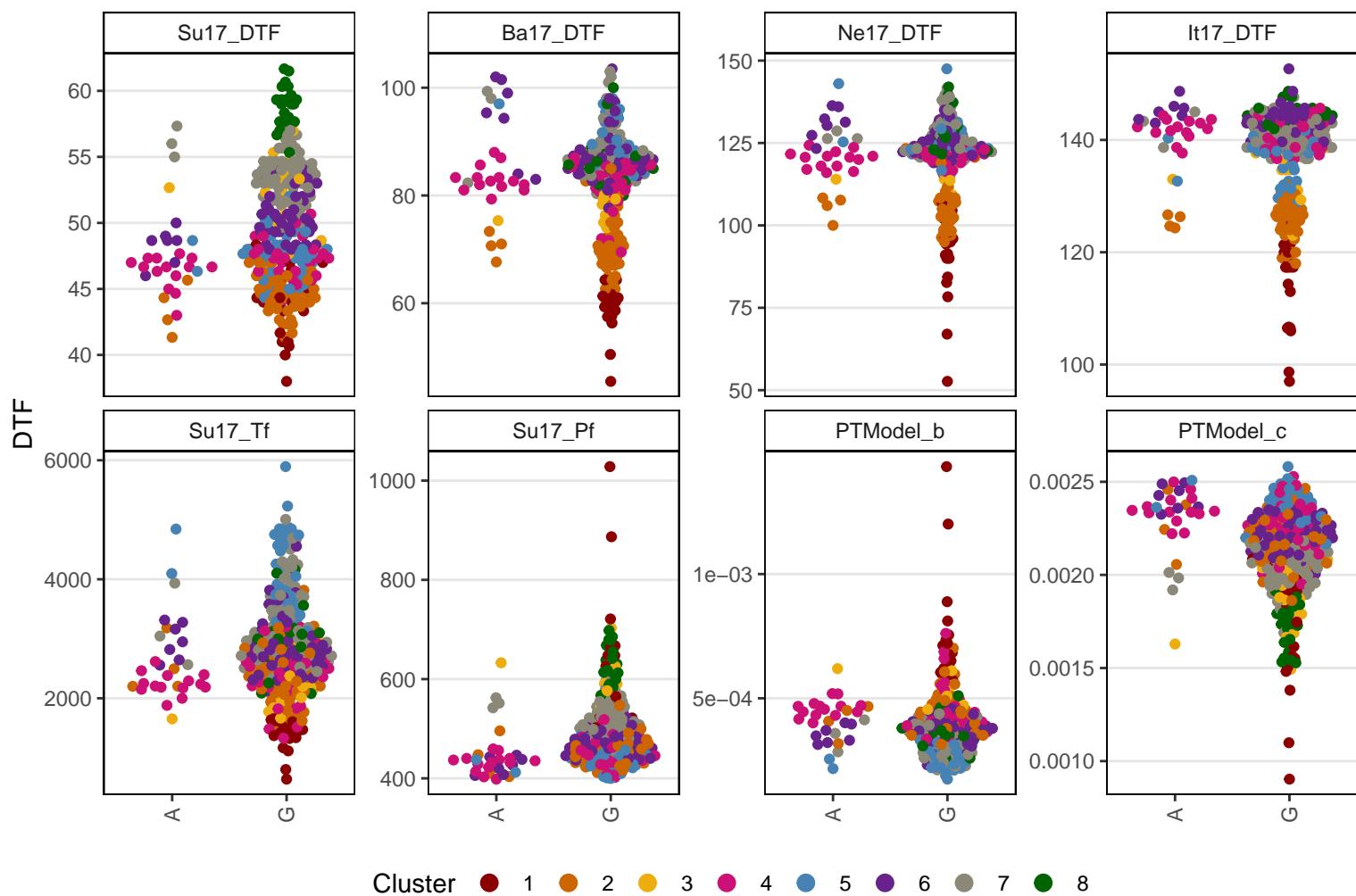
Cluster 1 2 3 4 5 6 7 8

# Lcu.2RBY.Chr5p165493259

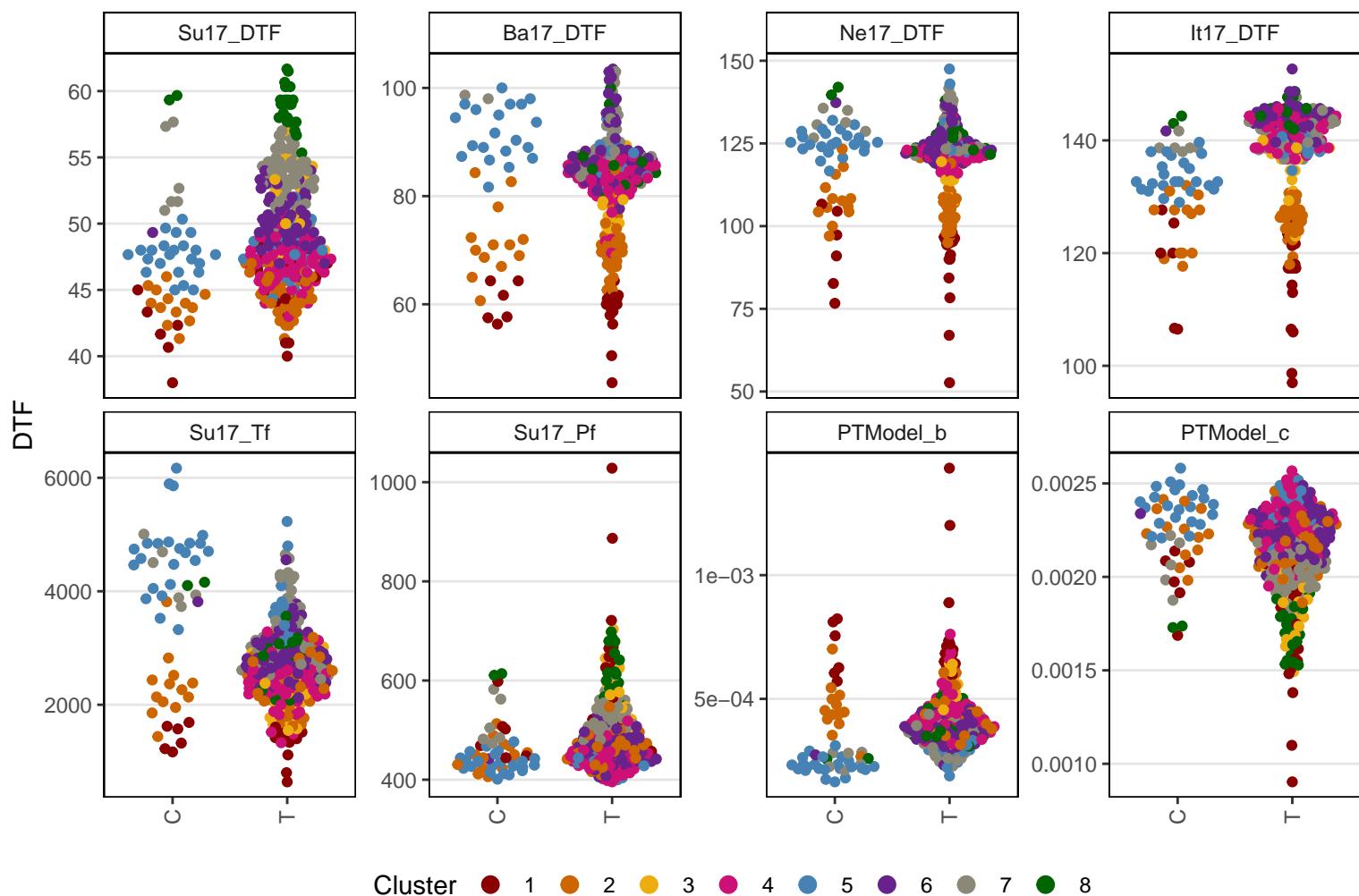


Cluster 1 2 3 4 5 6 7 8

# Lcu.2RBY.Chr5p169598885

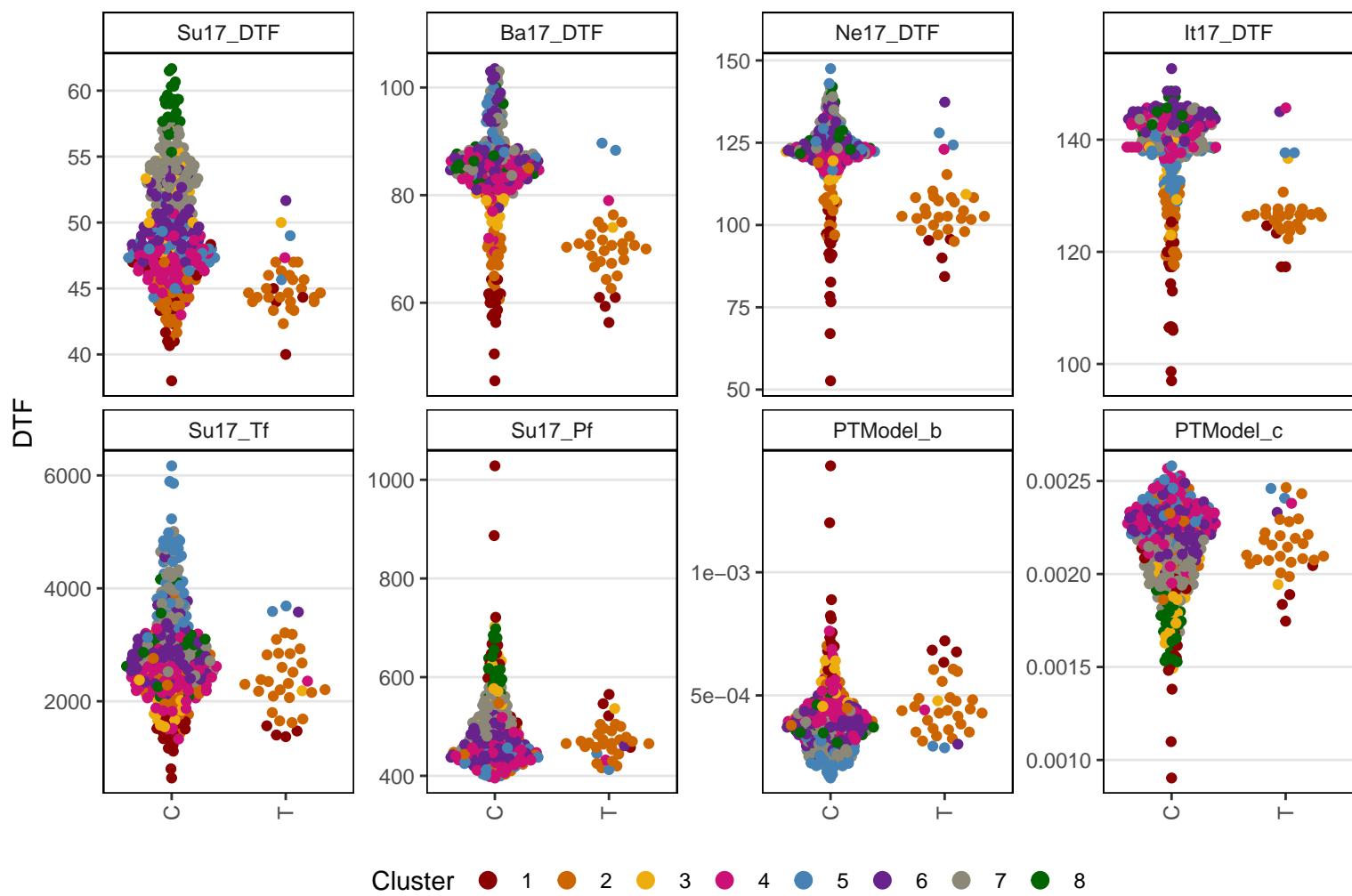


# Lcu.2RBY.Chr5p170082182

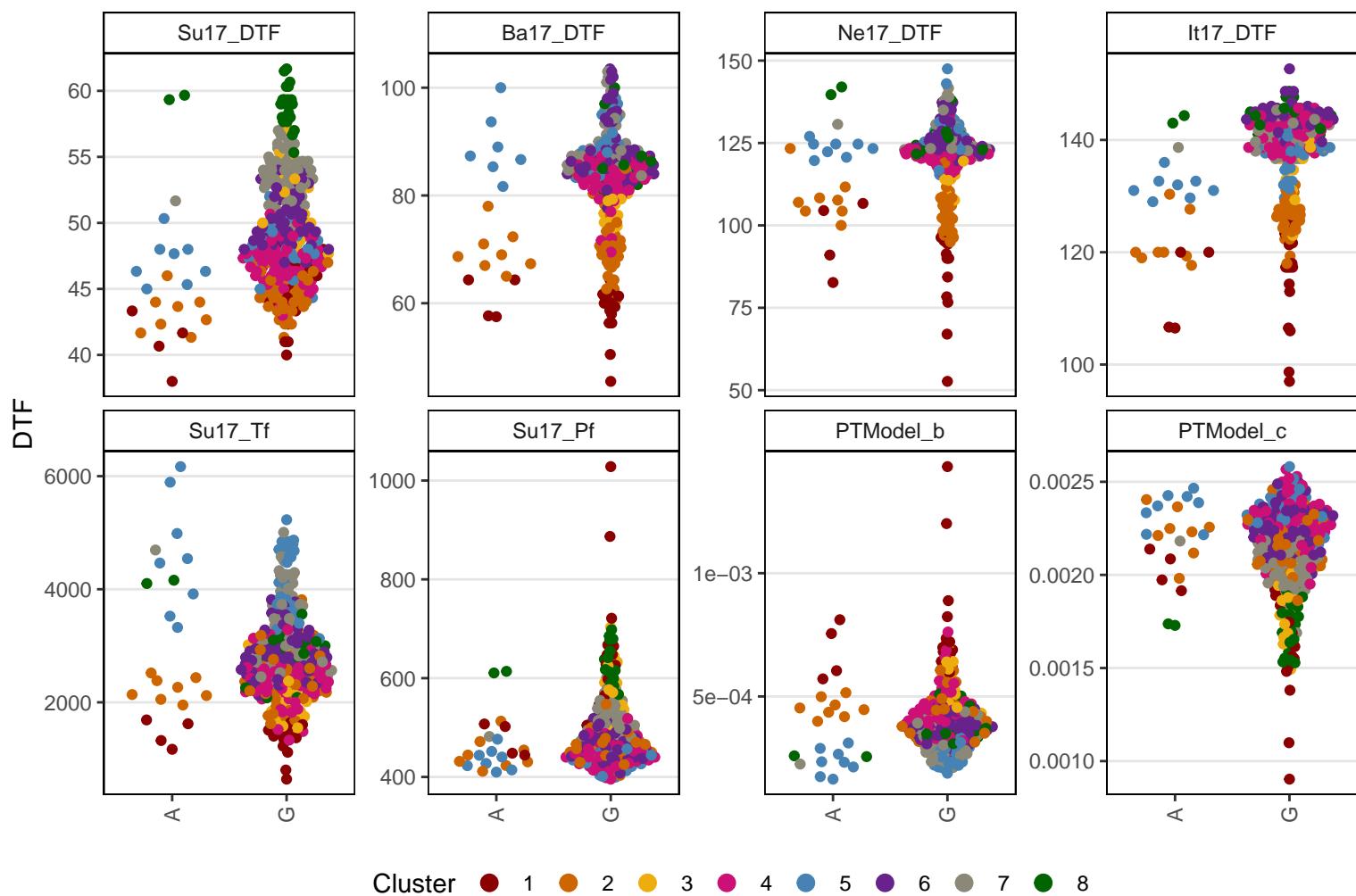


Cluster ● 1 2 3 4 5 6 7 8

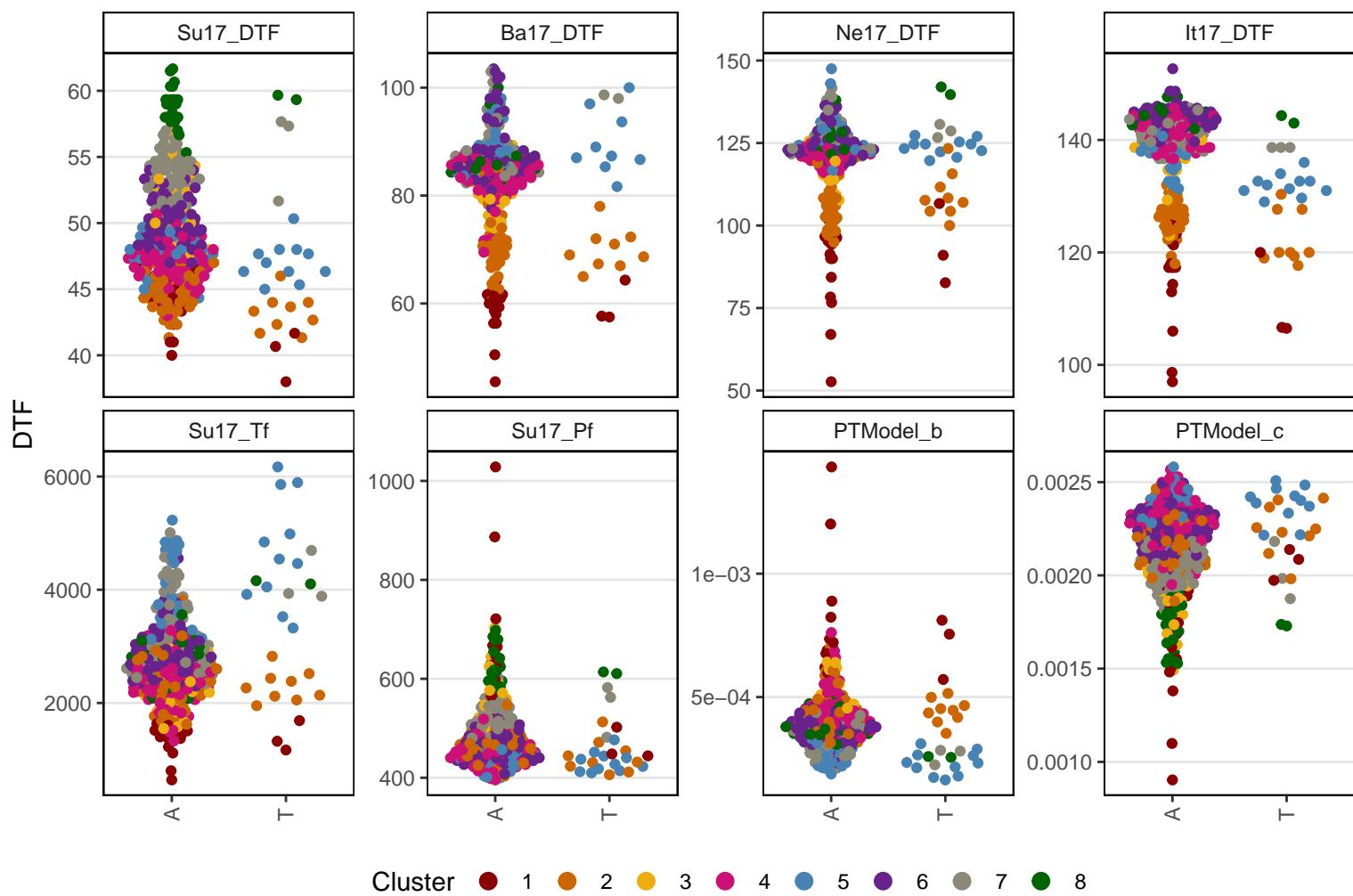
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# Lcu.2RBY.Chr5p209185093



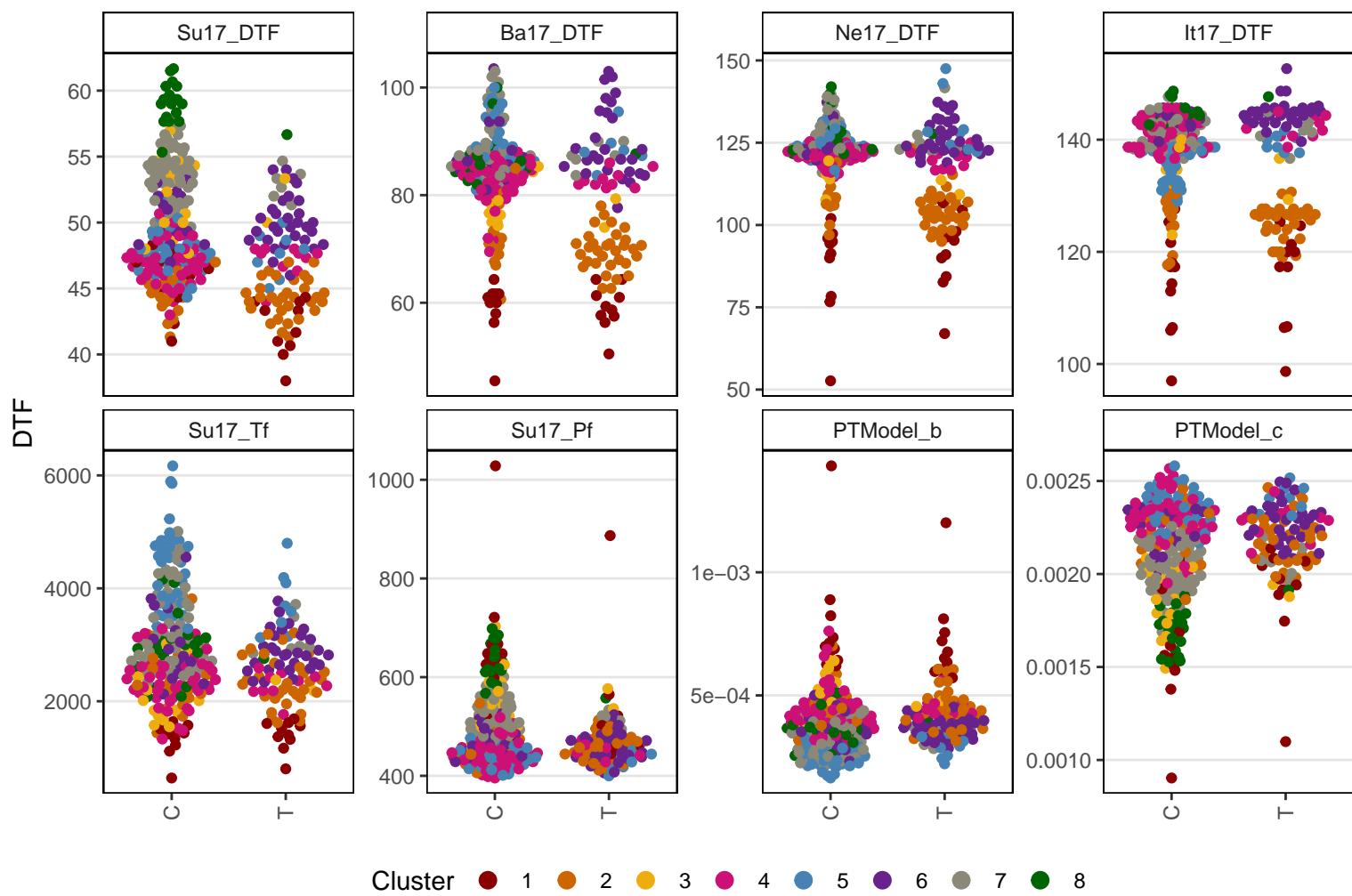
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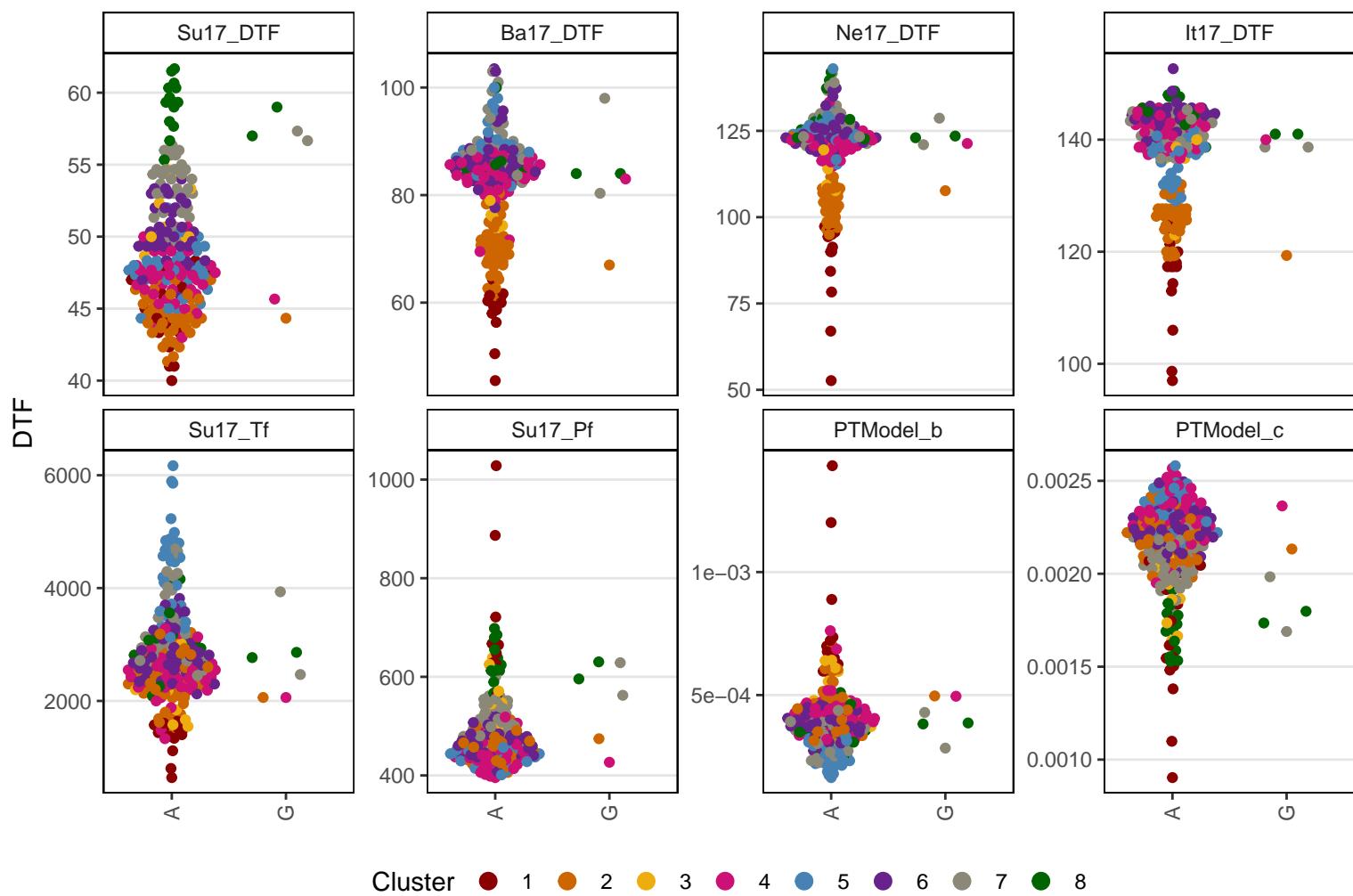
Cluster ● 1 2 3 4 5 6 7 8

Phytochrome and flowering time regulatory protein (A) ; Phytochrome and flowering time regulatory protein (B) ; LcTEMa  
6493 ; 490755 ; 2955345

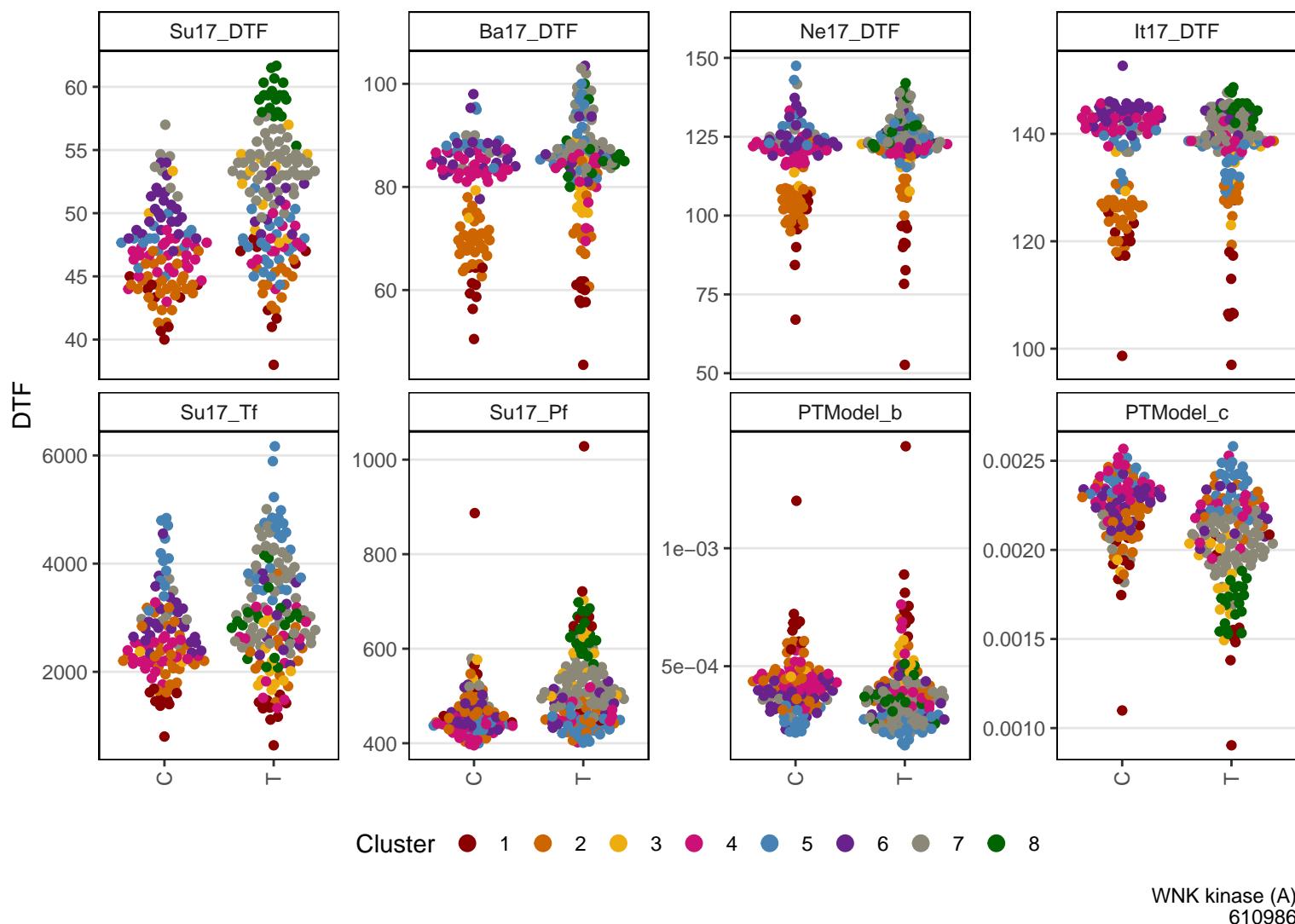
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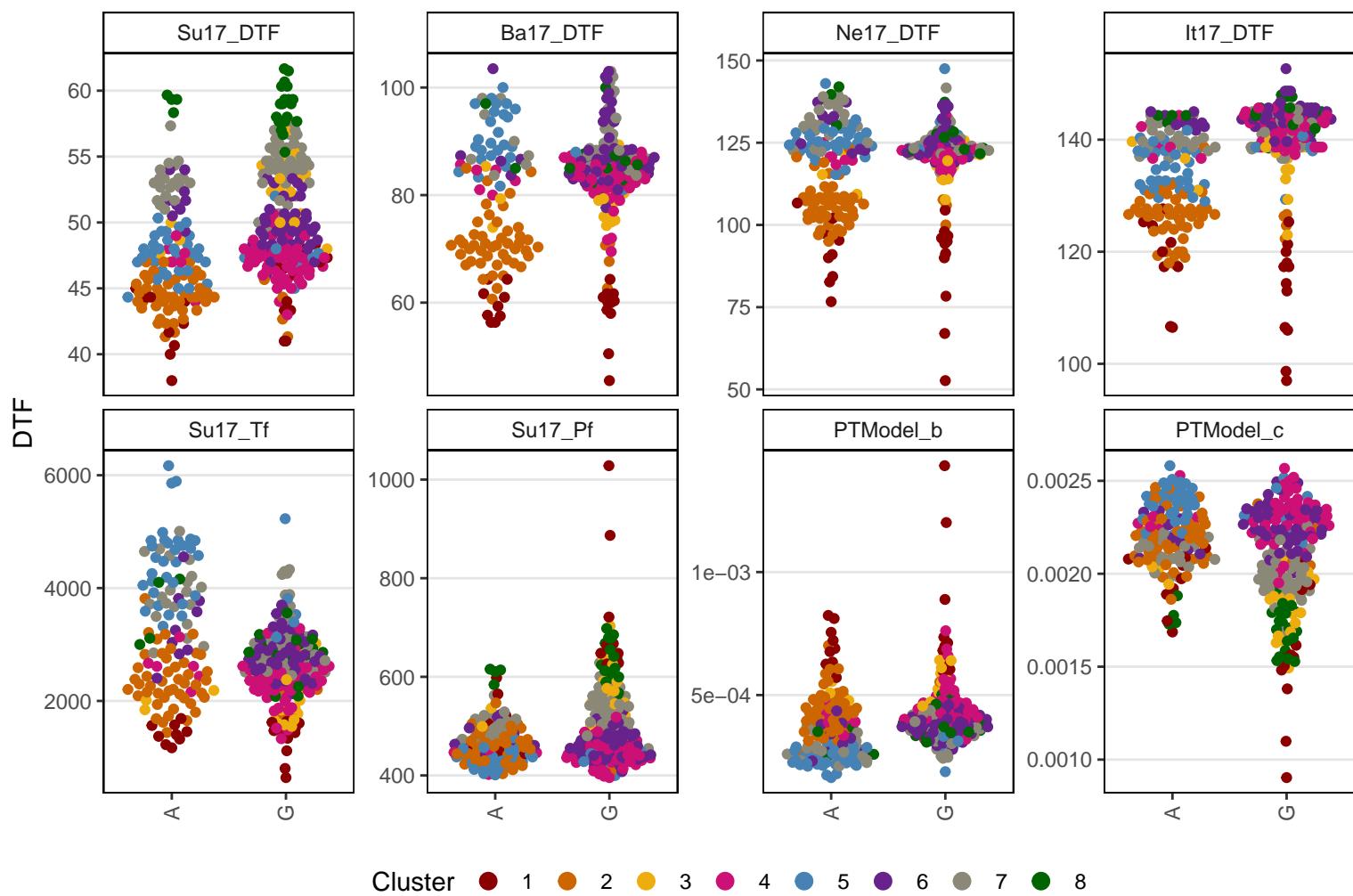
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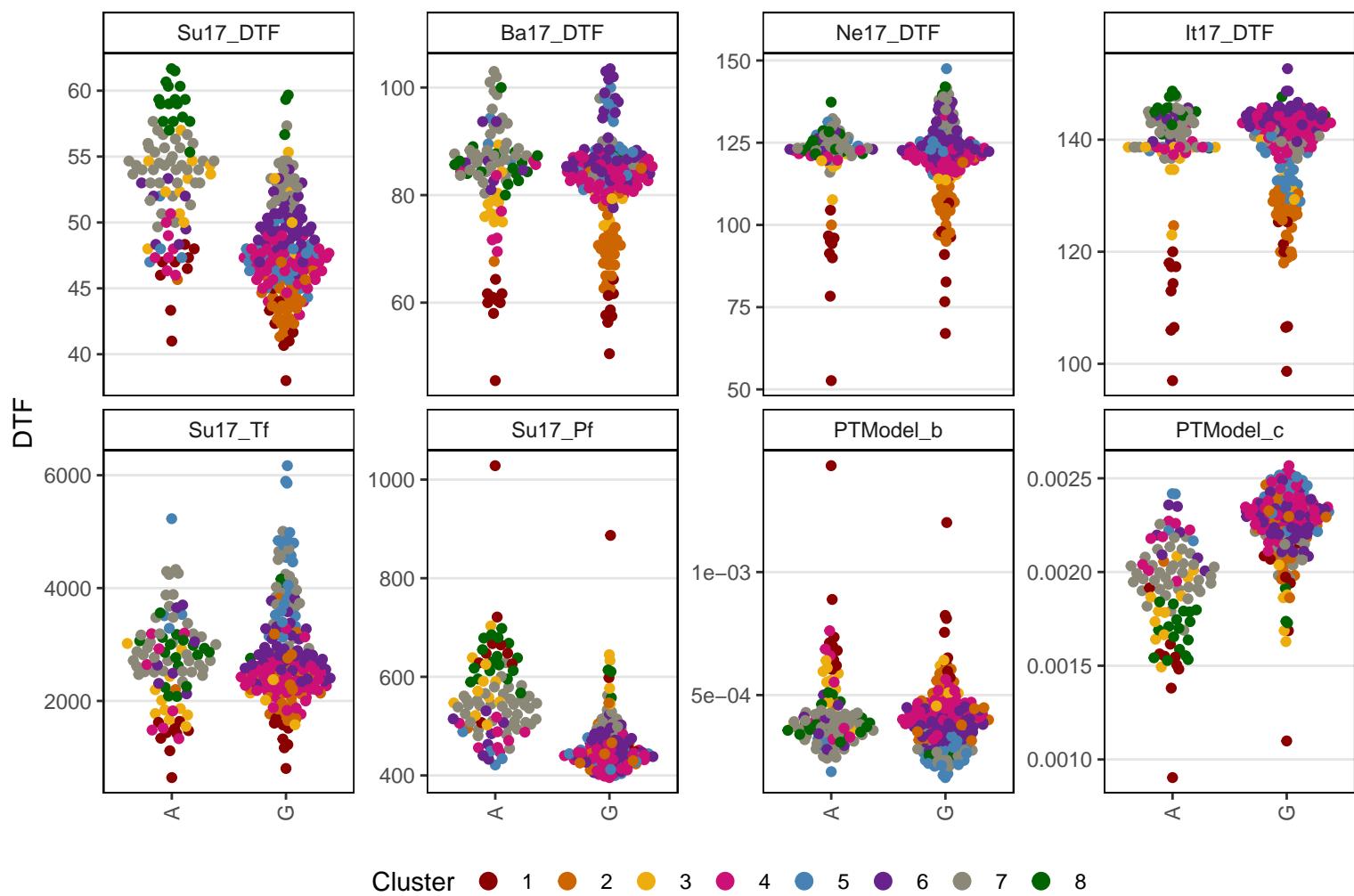
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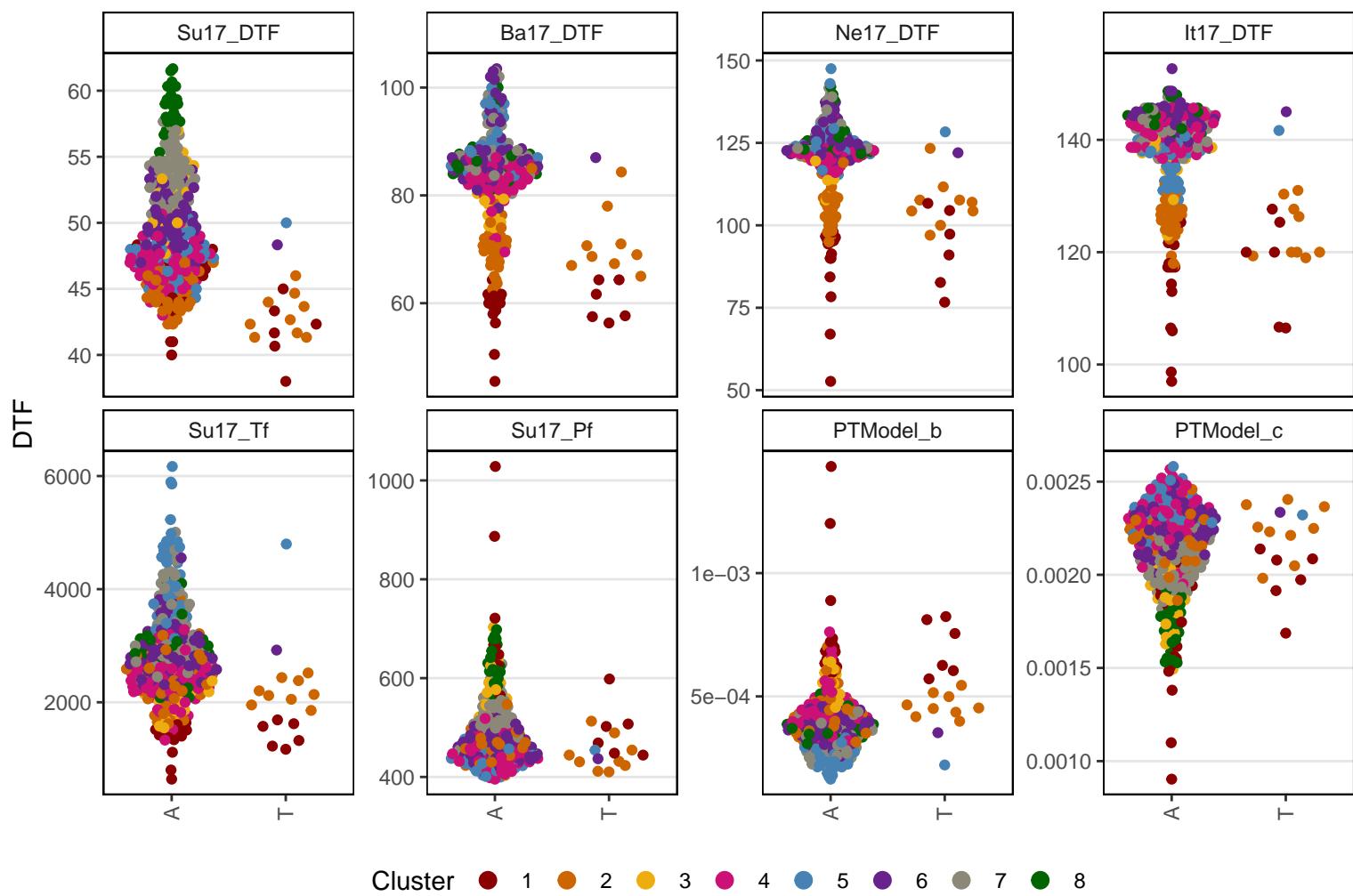
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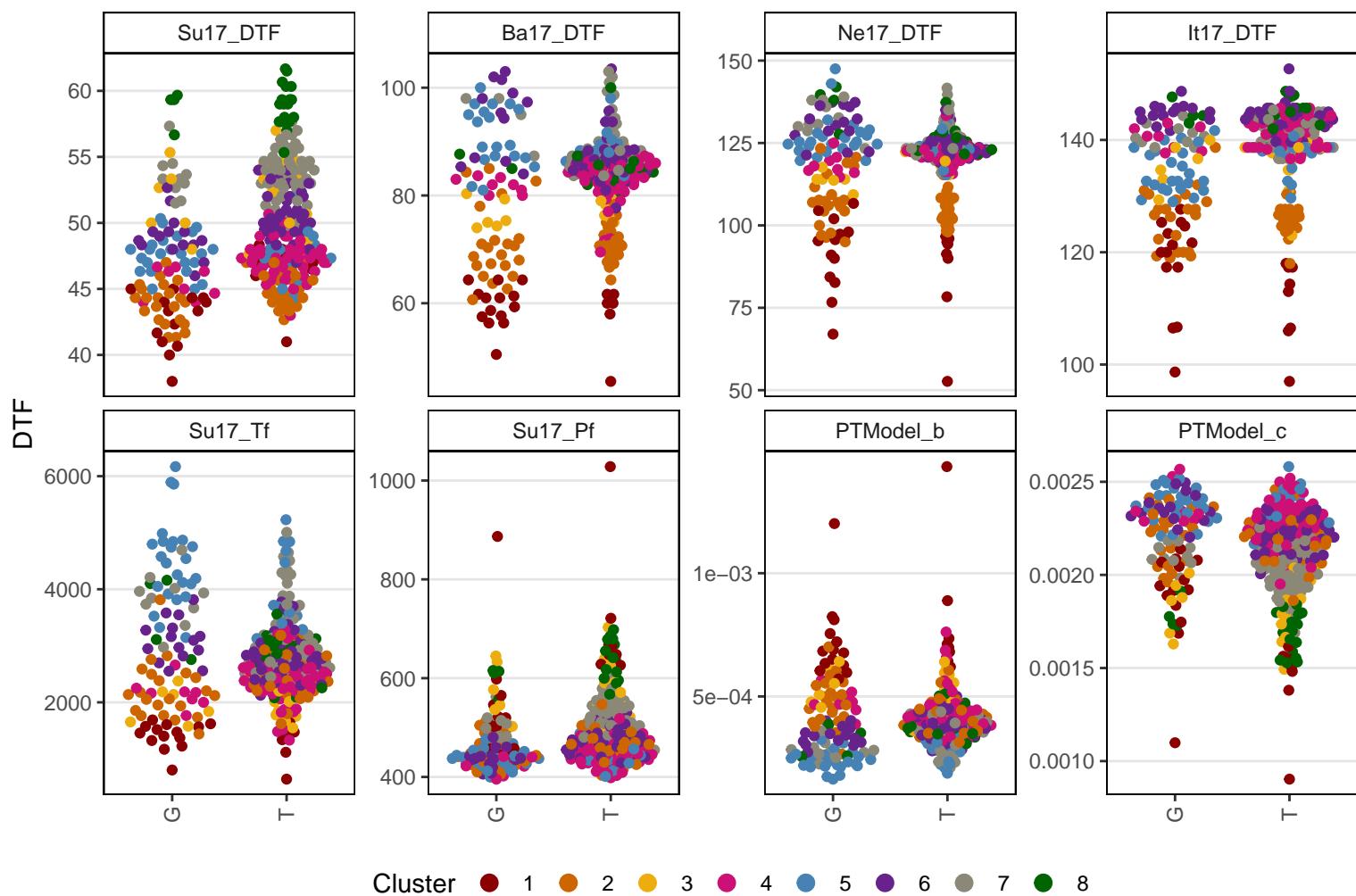
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# Lcu.2RBY.Chr5p405868771

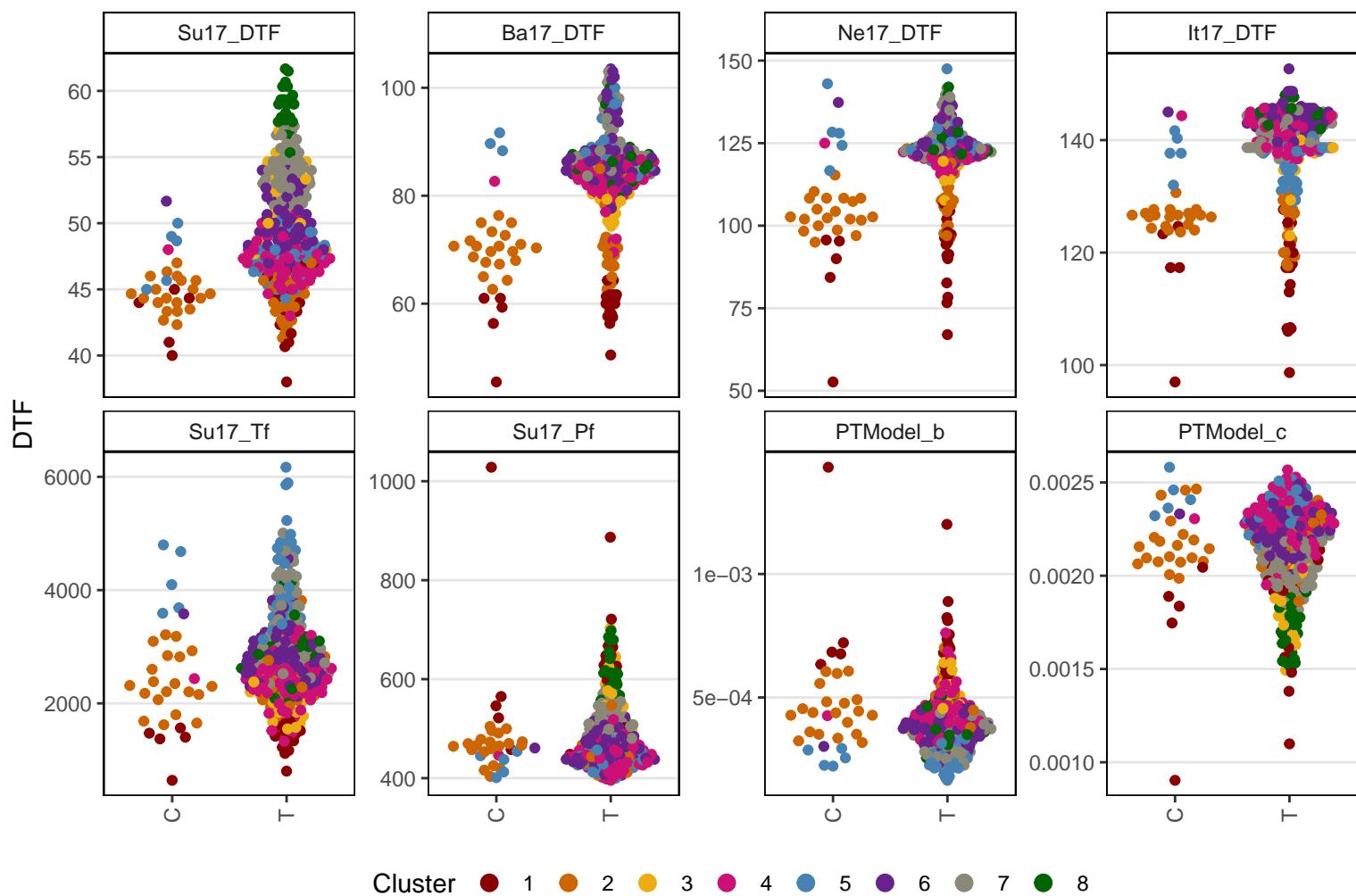


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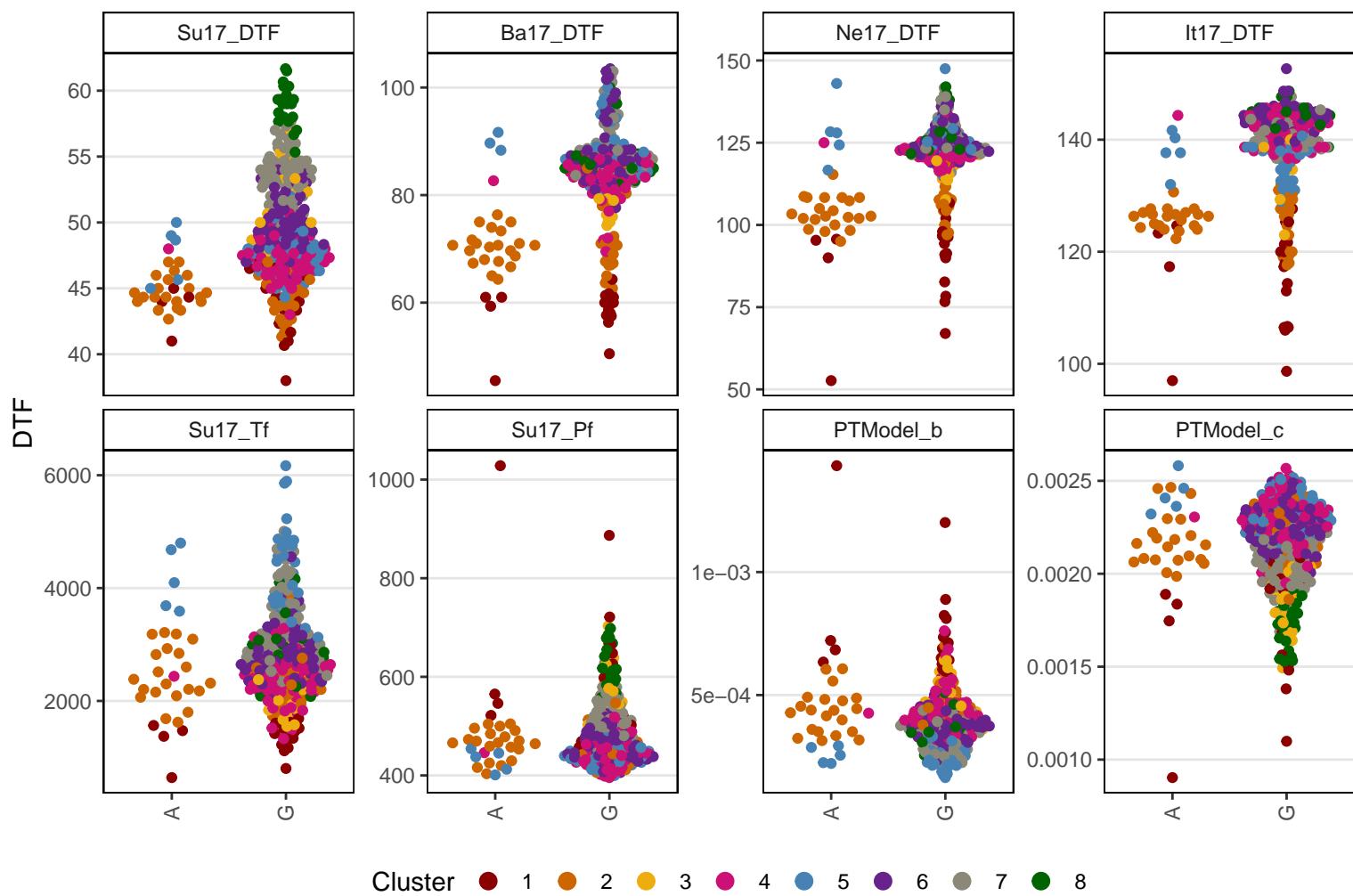


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

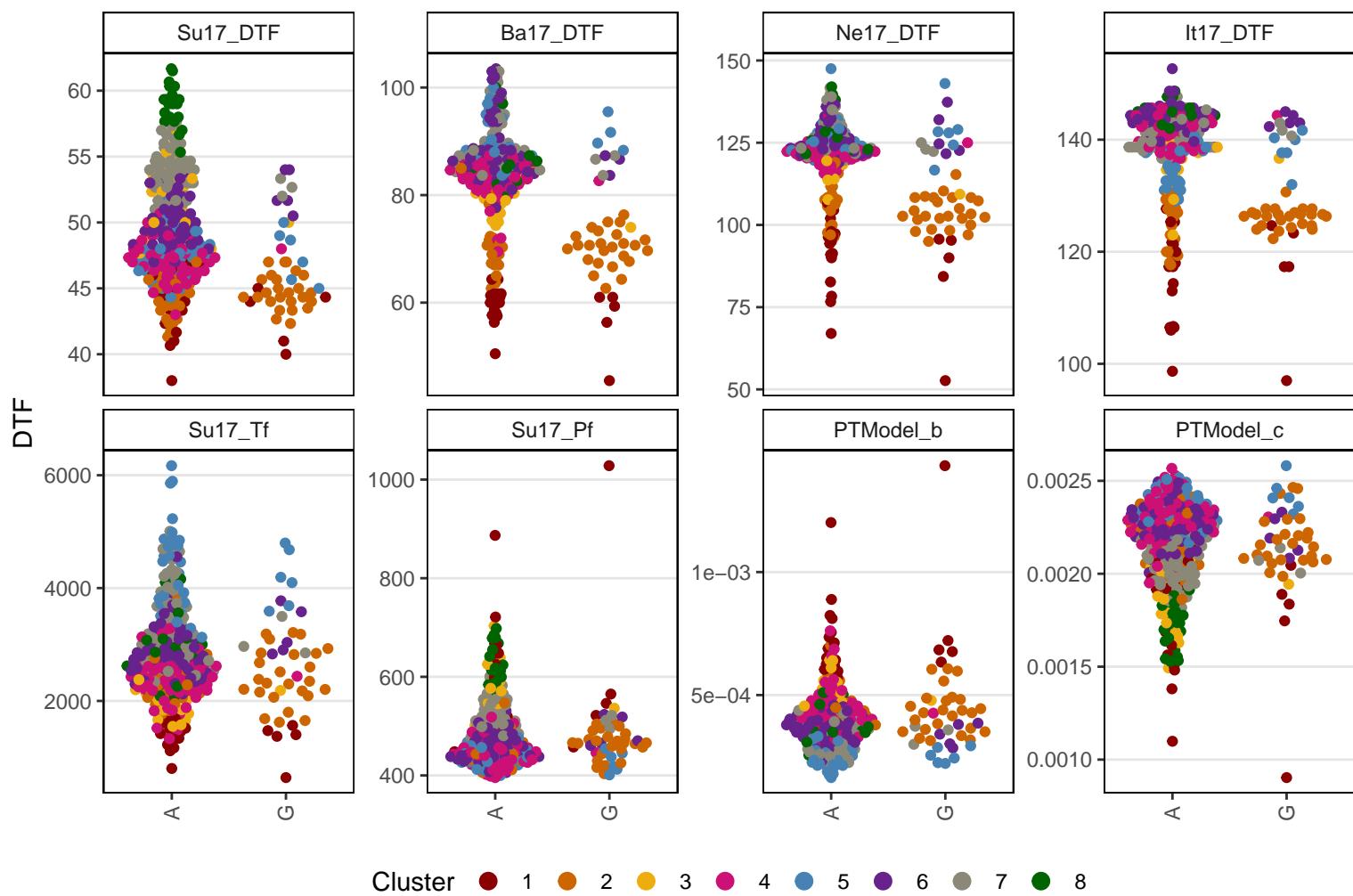
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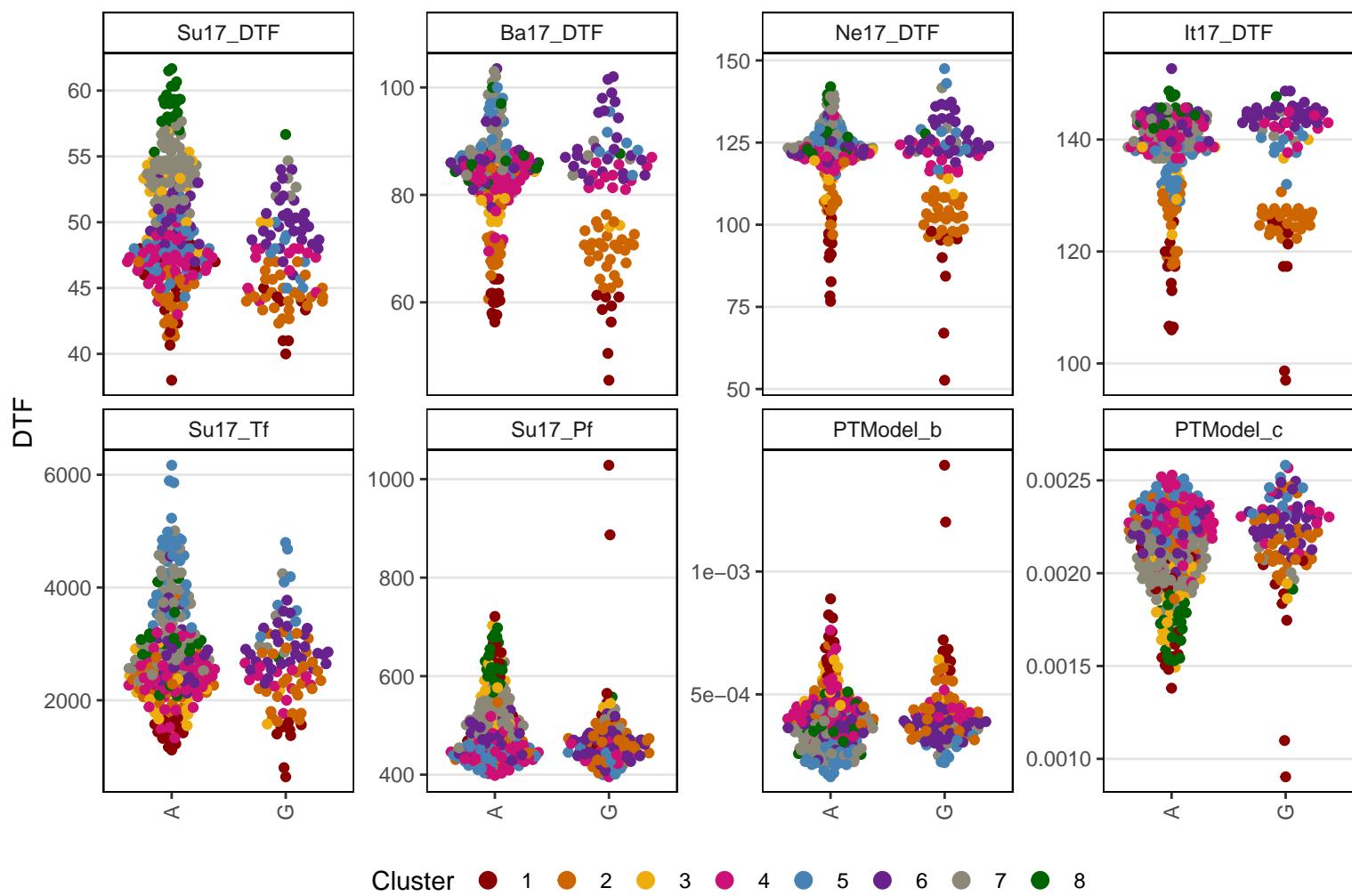
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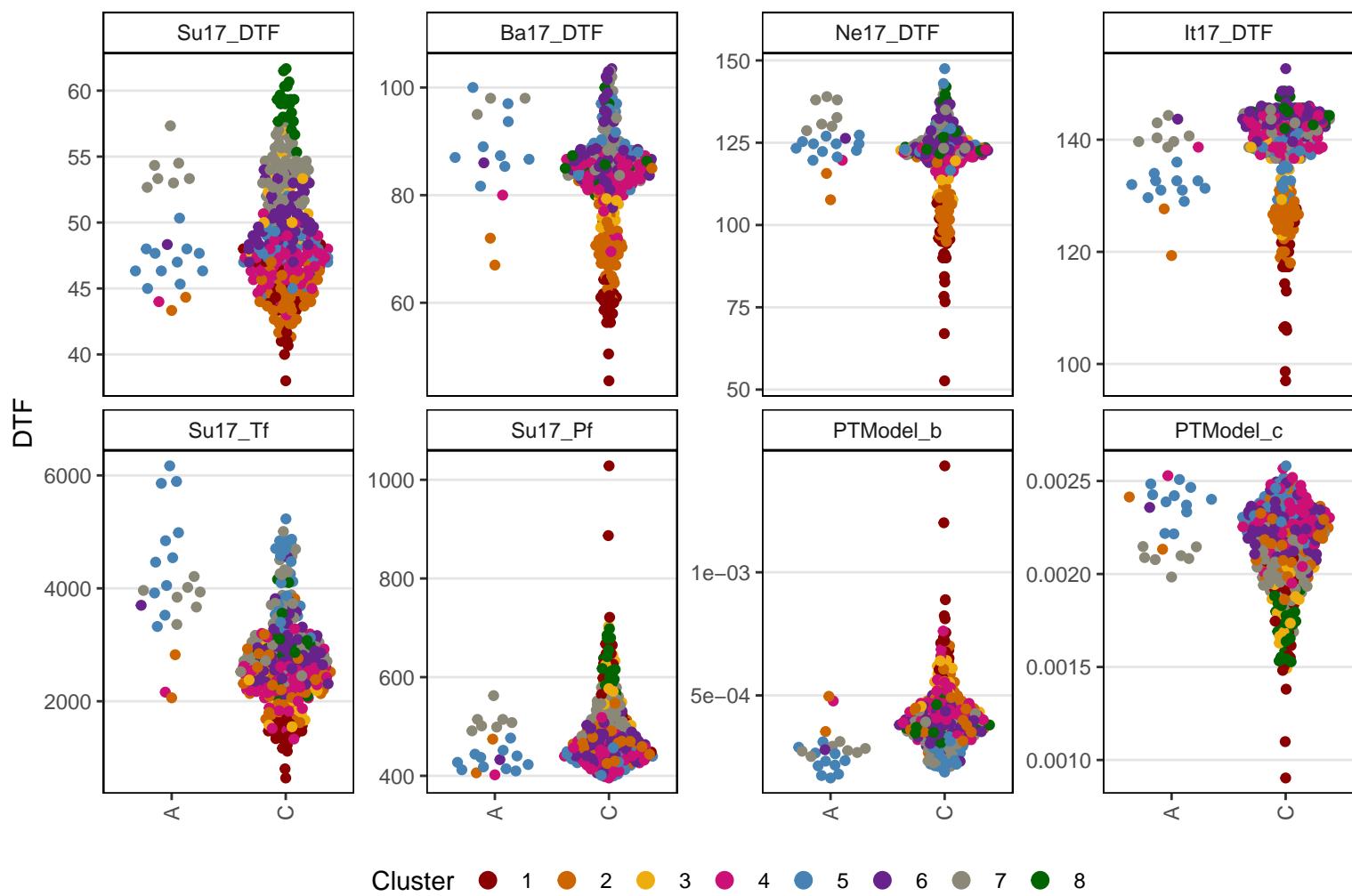
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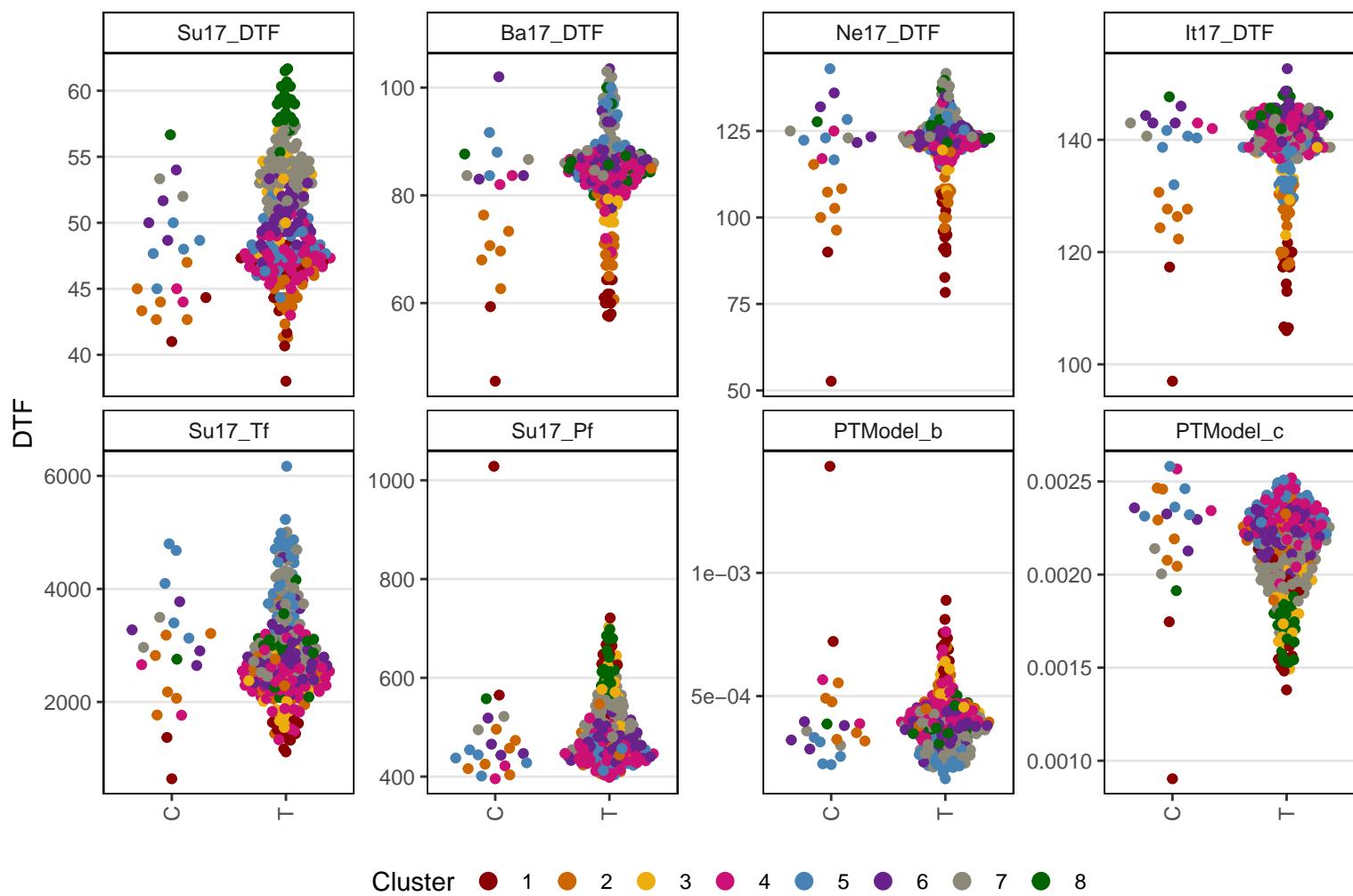
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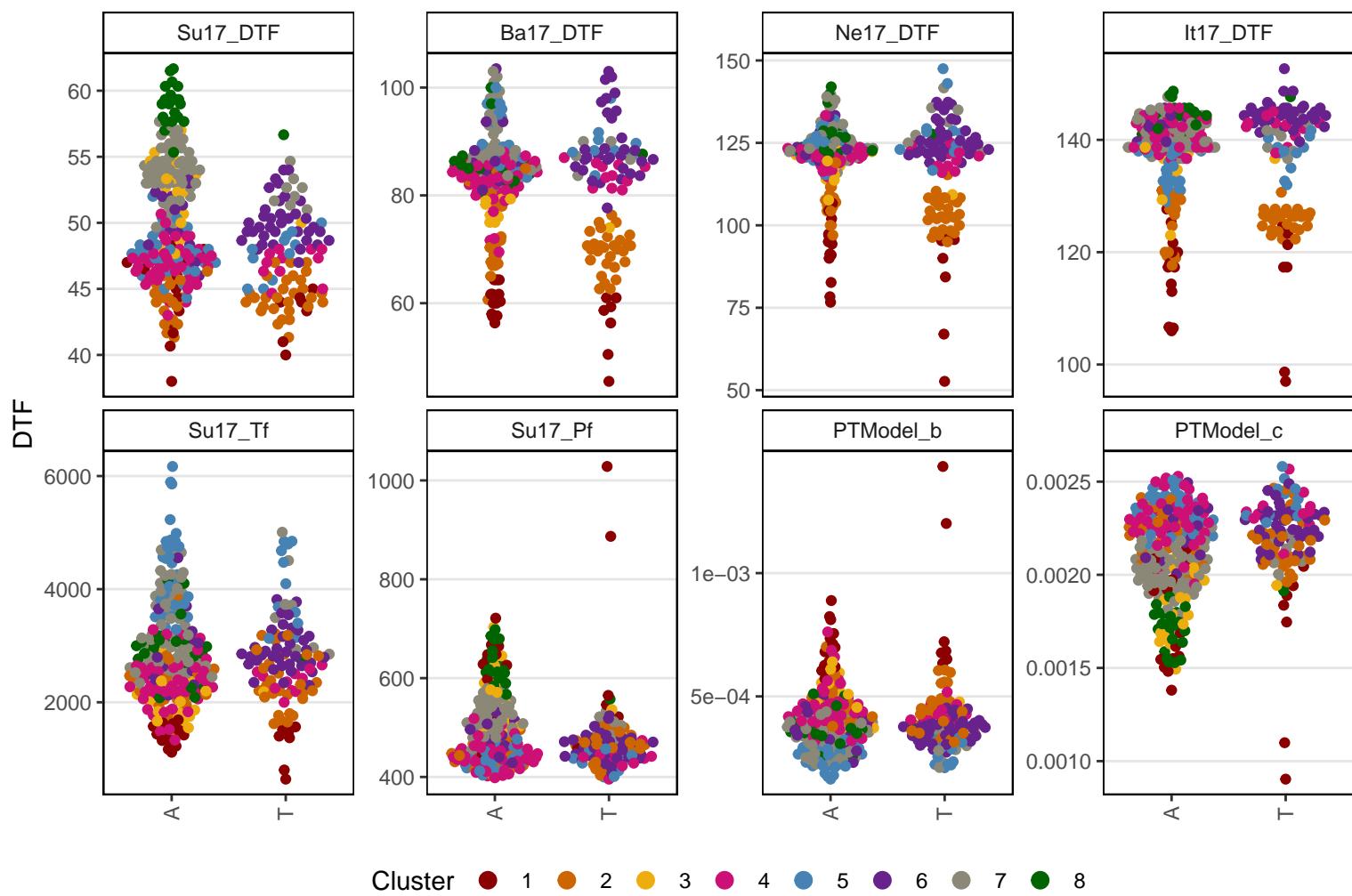
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# Lcu.2RBY.Chr5p419667916

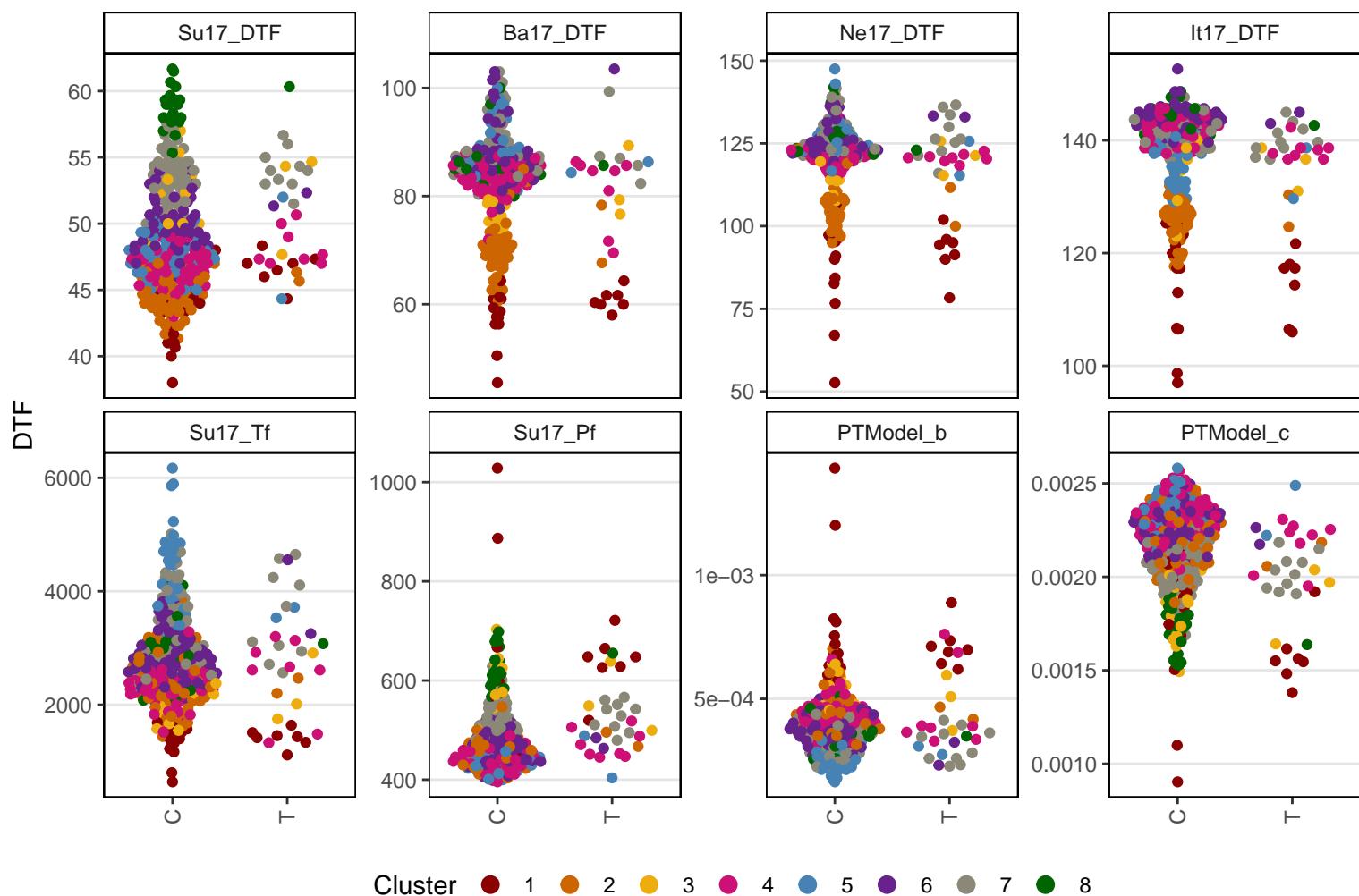


# Lcu.2RBY.Chr5p425354629



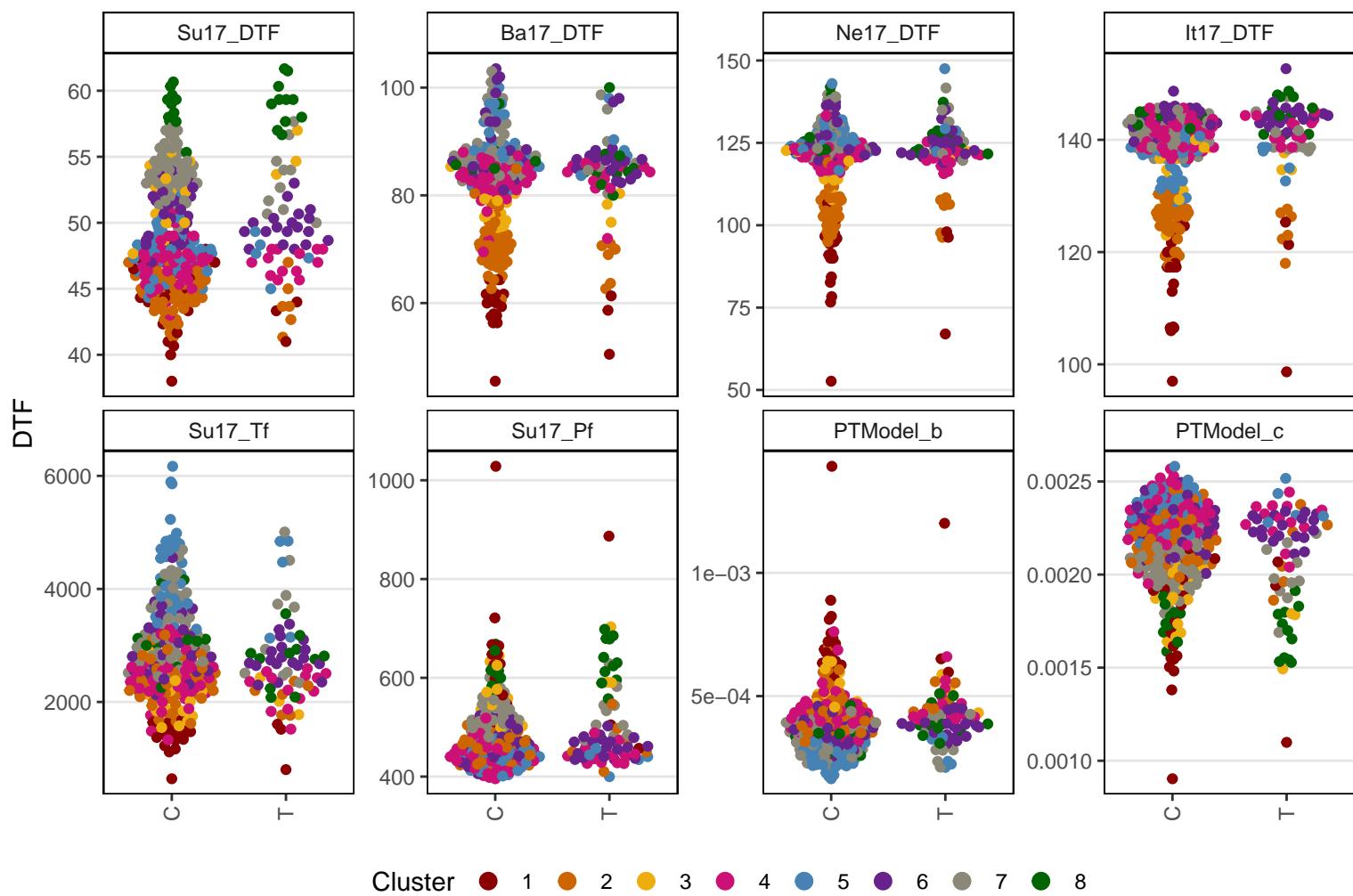
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

# Lcu.2RBY.Chr5p427141549



LcHUB2a ; LcCOP1 ; Methyltransferase-like protein (B)  
 422176 ; 1150648 ; 1317856

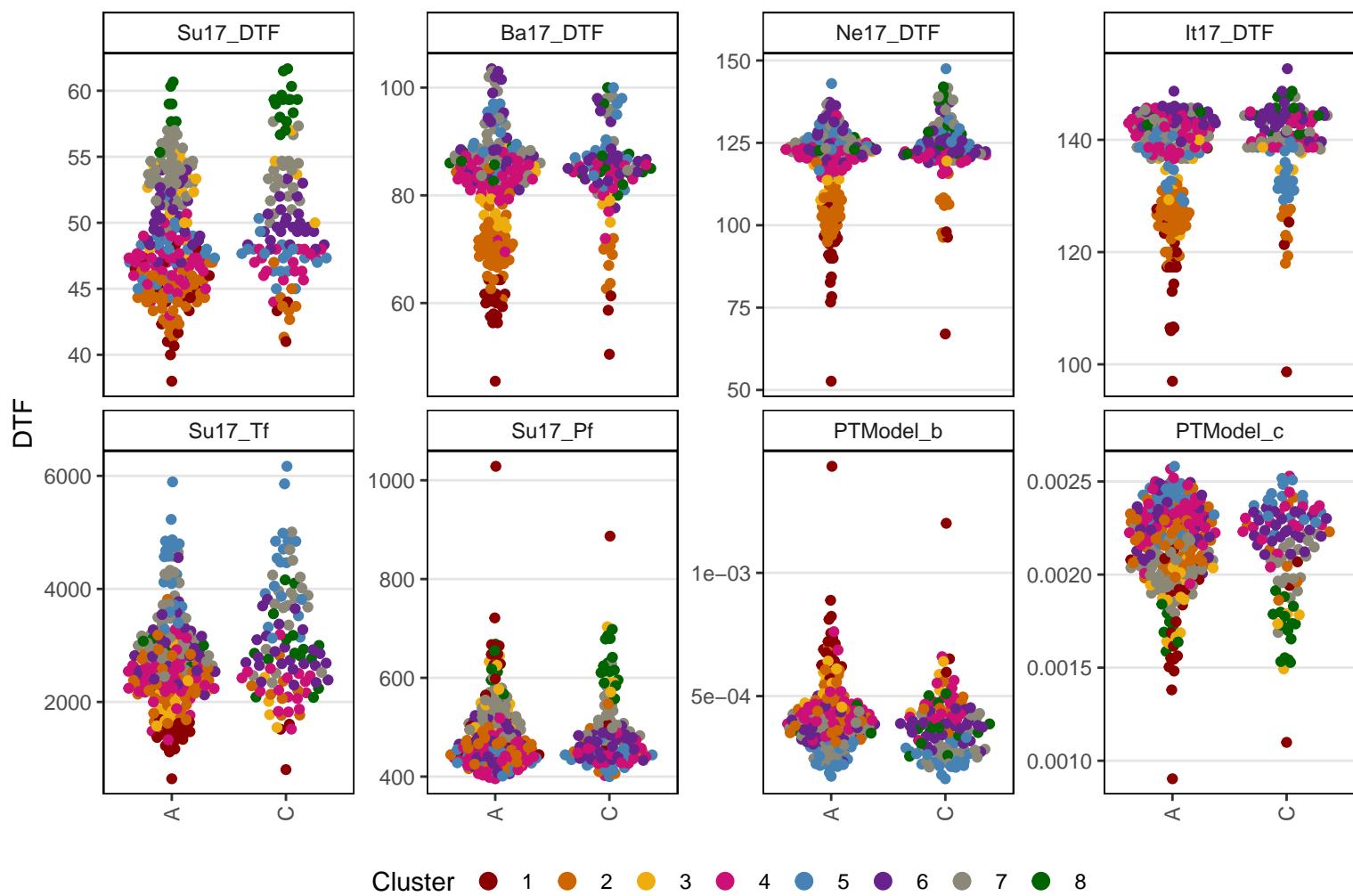
# Lcu.2RBY.Chr5p427667296



Cluster ● 1 2 3 4 5 6 7 8

LcHUB2a ; LcCOP1 ; Methyltransferase-like protein (B)  
103571 ; 624901 ; 792109

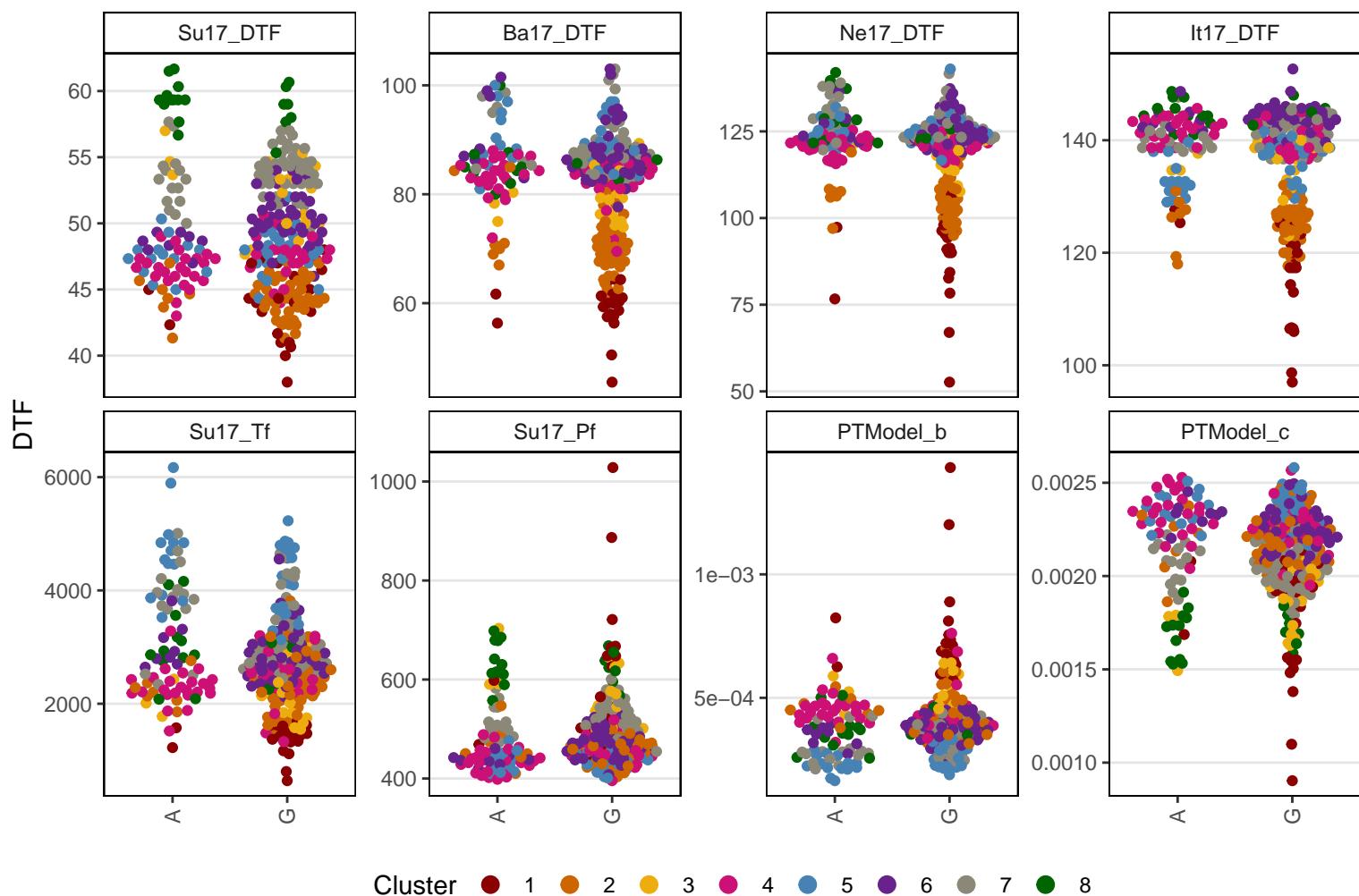
# Lcu.2RBY.Chr5p427925270



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcHUB2a ; LcCOP1 ; Methyltransferase-like protein (B)  
361545 ; 366927 ; 534135

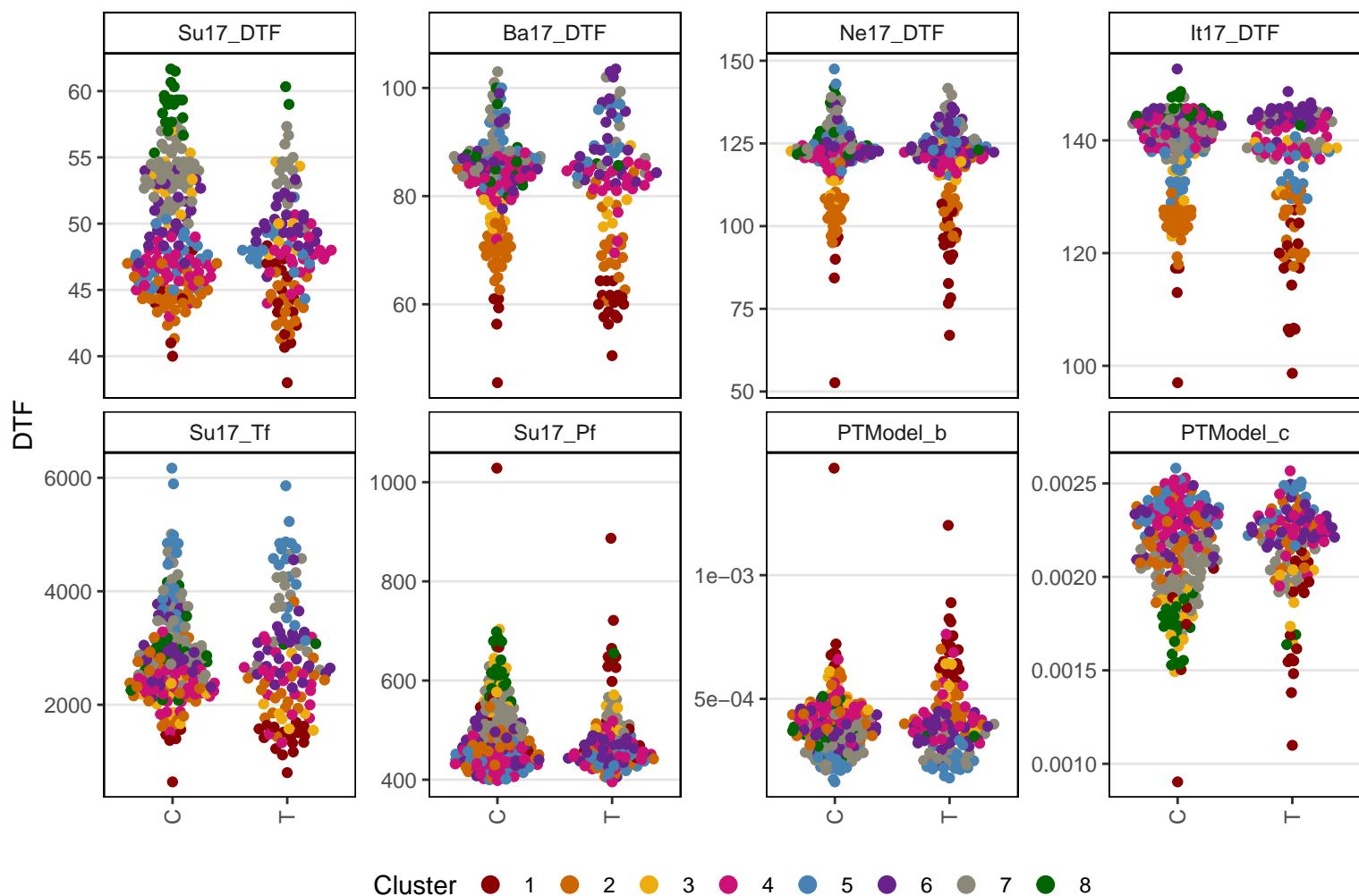
# Lcu.2RBY.Chr5p428297819



Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

LcCOP1 ; Methyltransferase-like protein (B) ; LcHUB2a  
5622 ; 161586 ; 734094

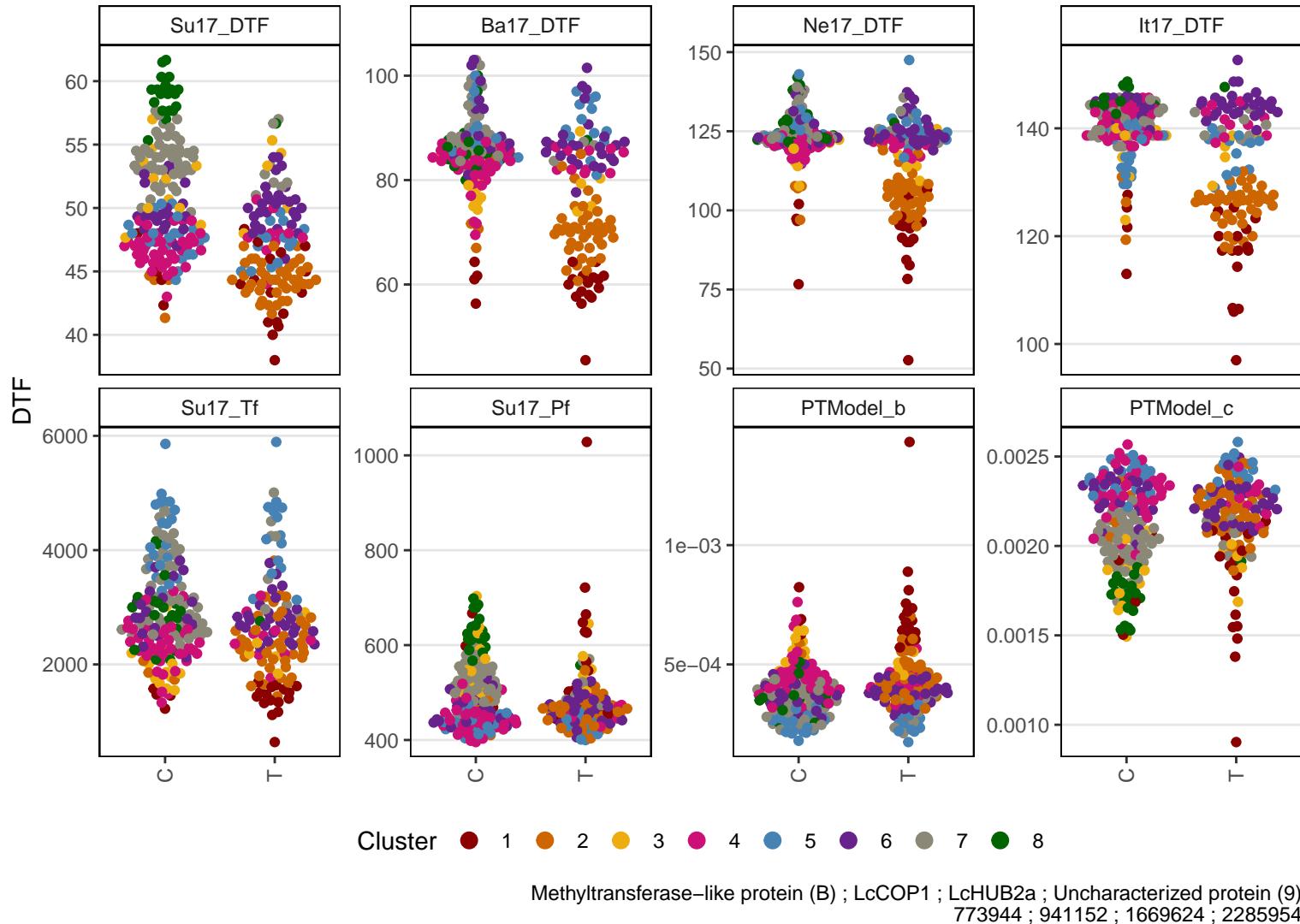
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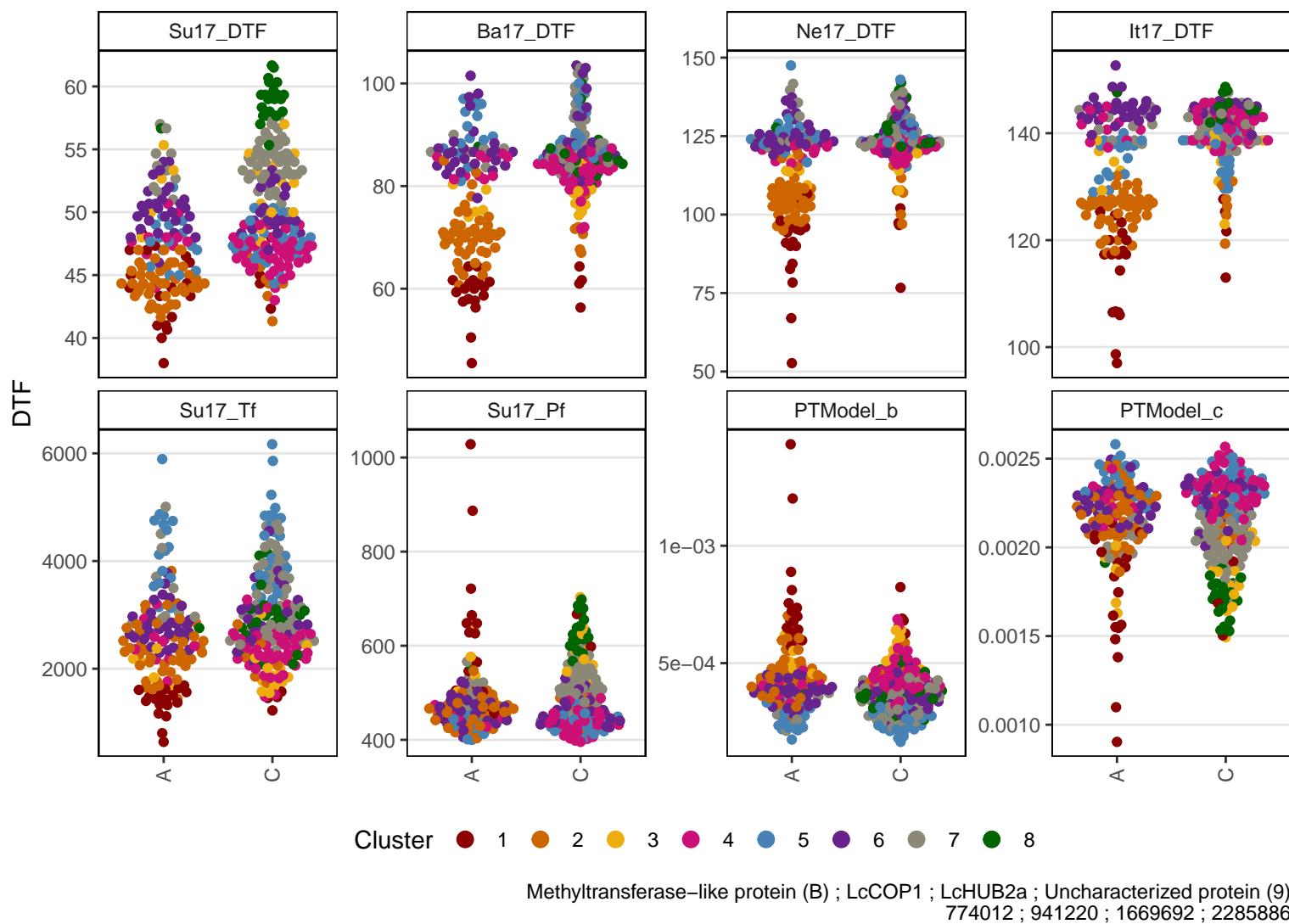
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

Methyltransferase-like protein (B) ; LcCOP1 ; LcHUB2a  
7904 ; 175112 ; 903584

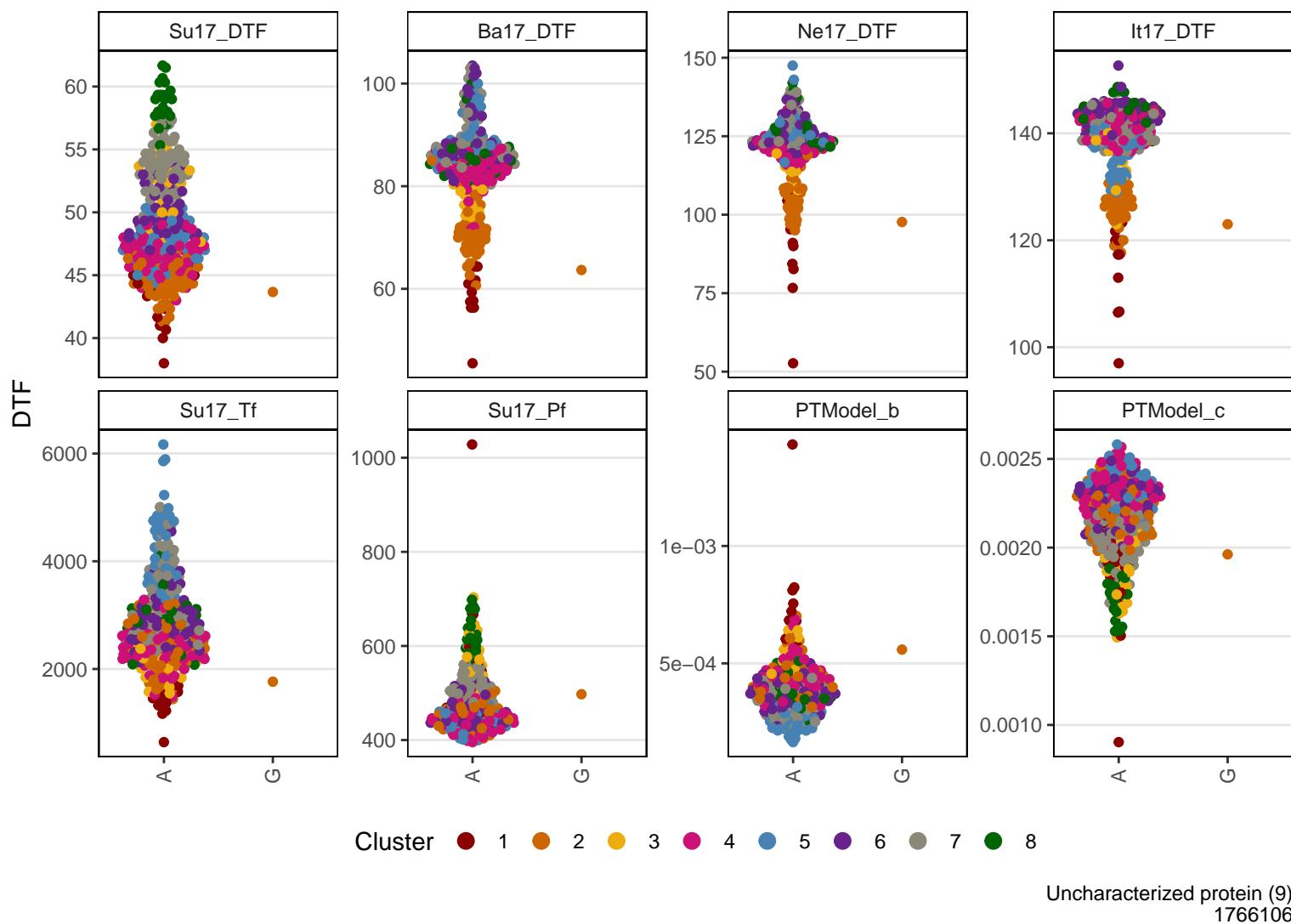
# Lcu.2RBY.Chr5p429233349



# Lcu.2RBY.Chr5p429233417



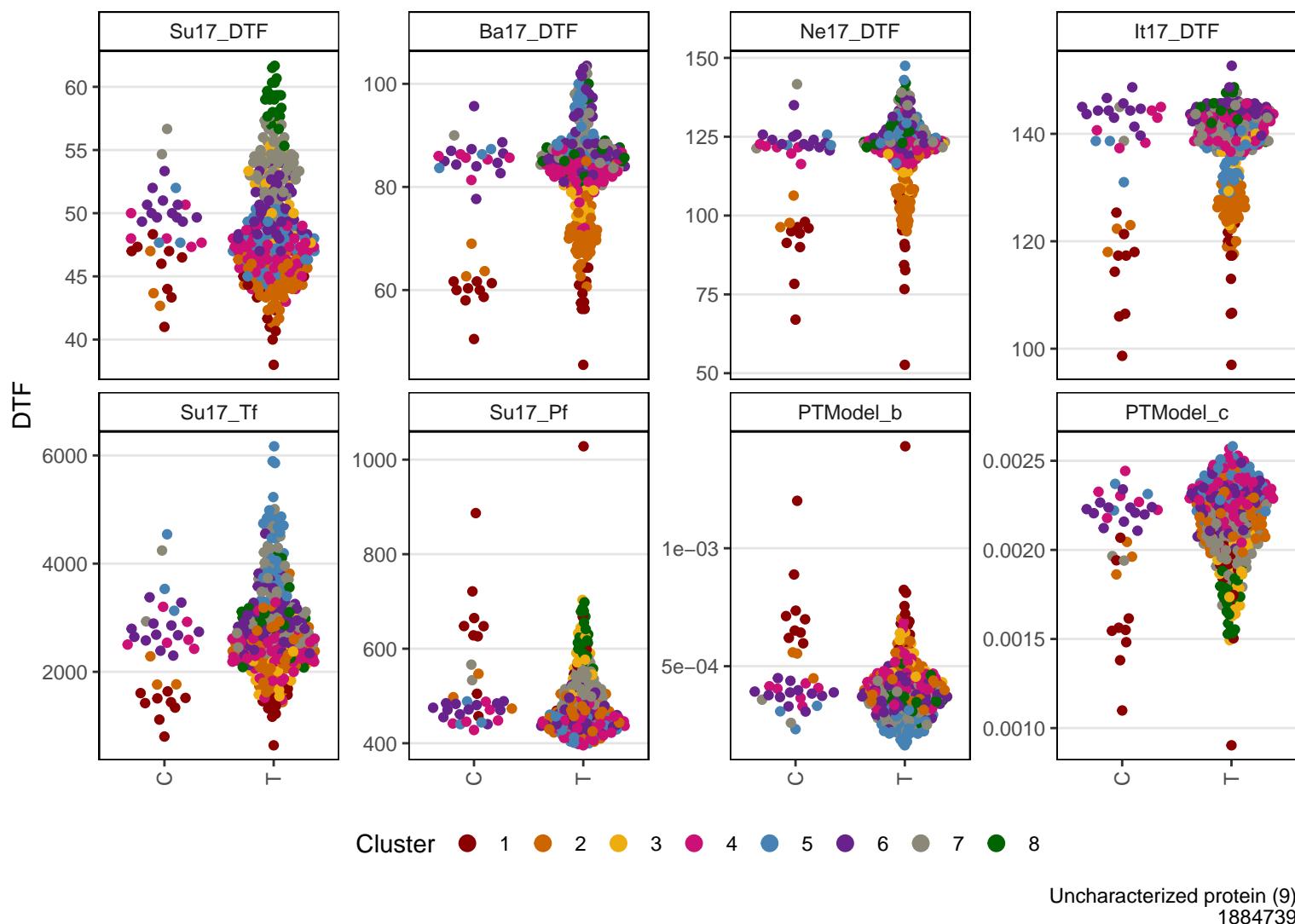
# Lcu.2RBY.Chr5p433285409



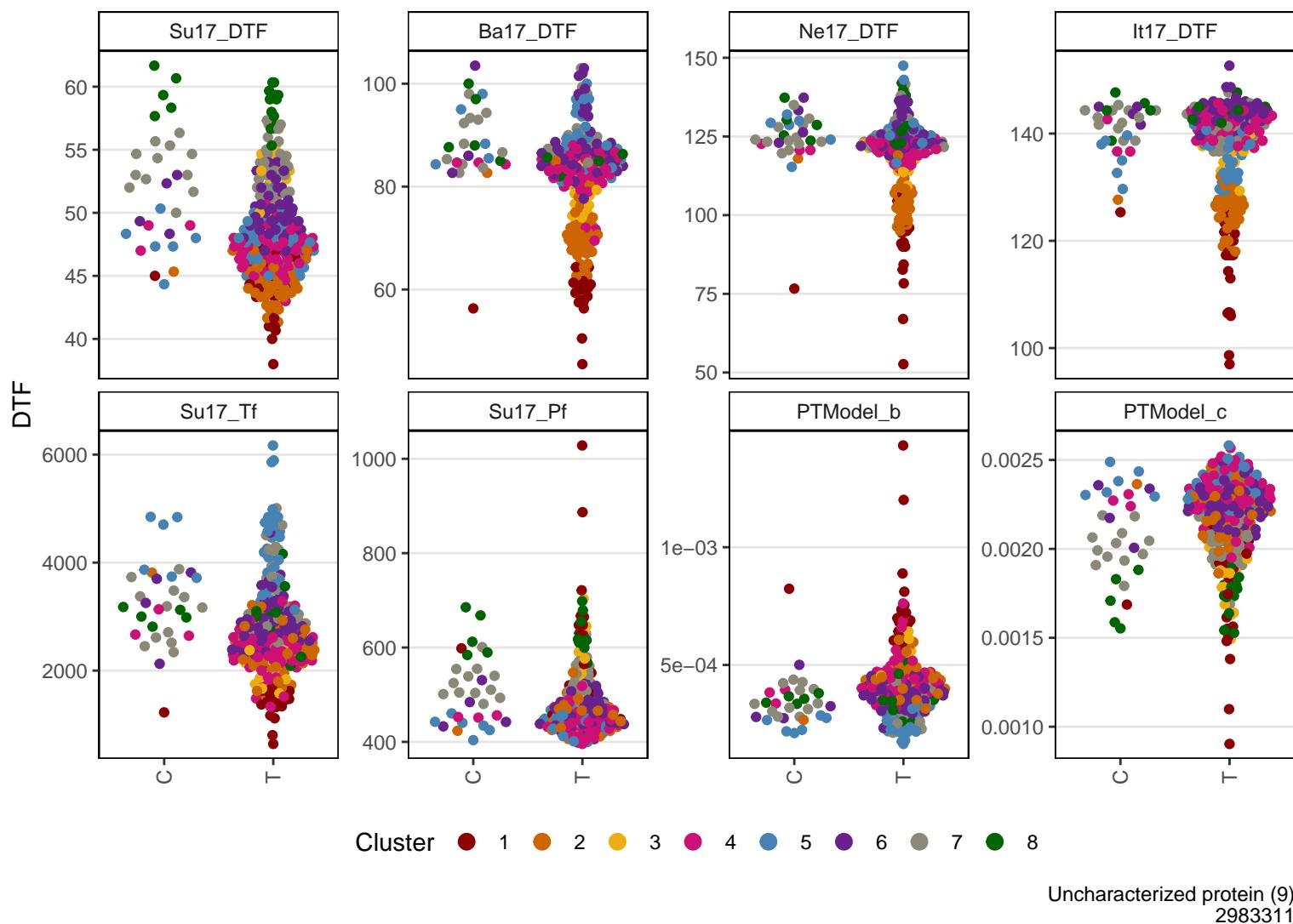
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

Uncharacterized protein (9)  
1766106

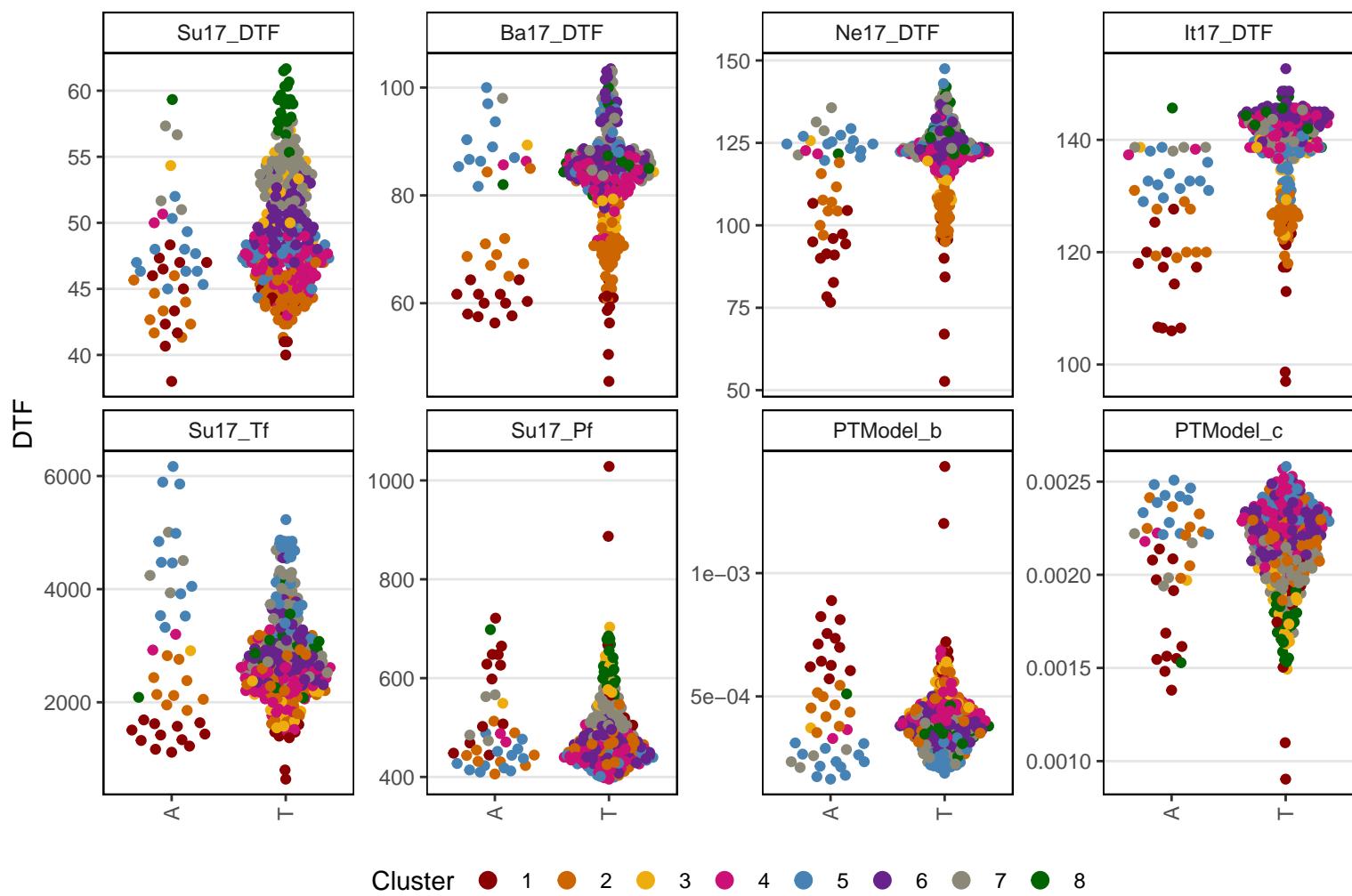
# Lcu.2RBY.Chr5p433404042



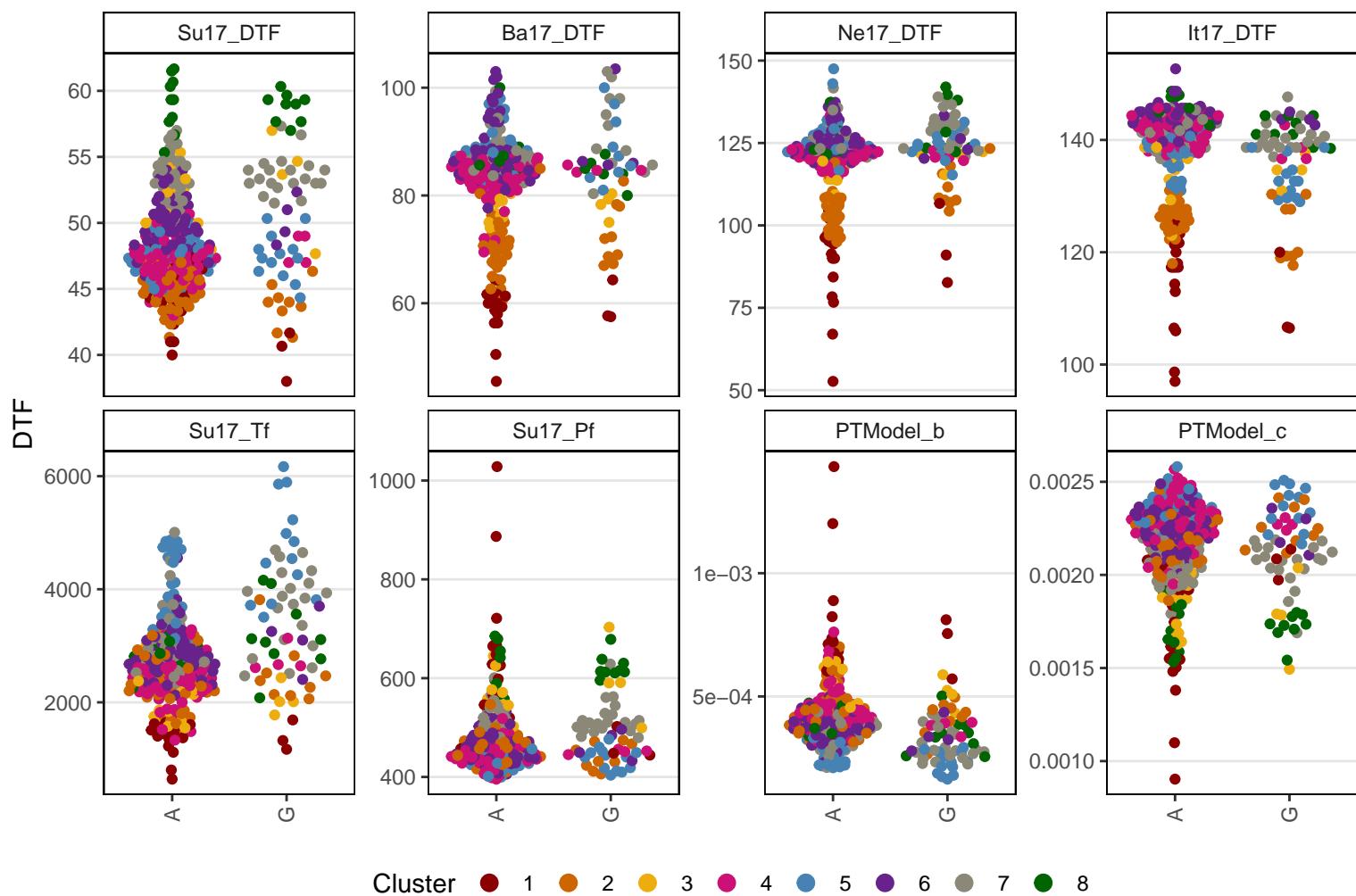
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# Lcu.2RBY.Chr5p435981795

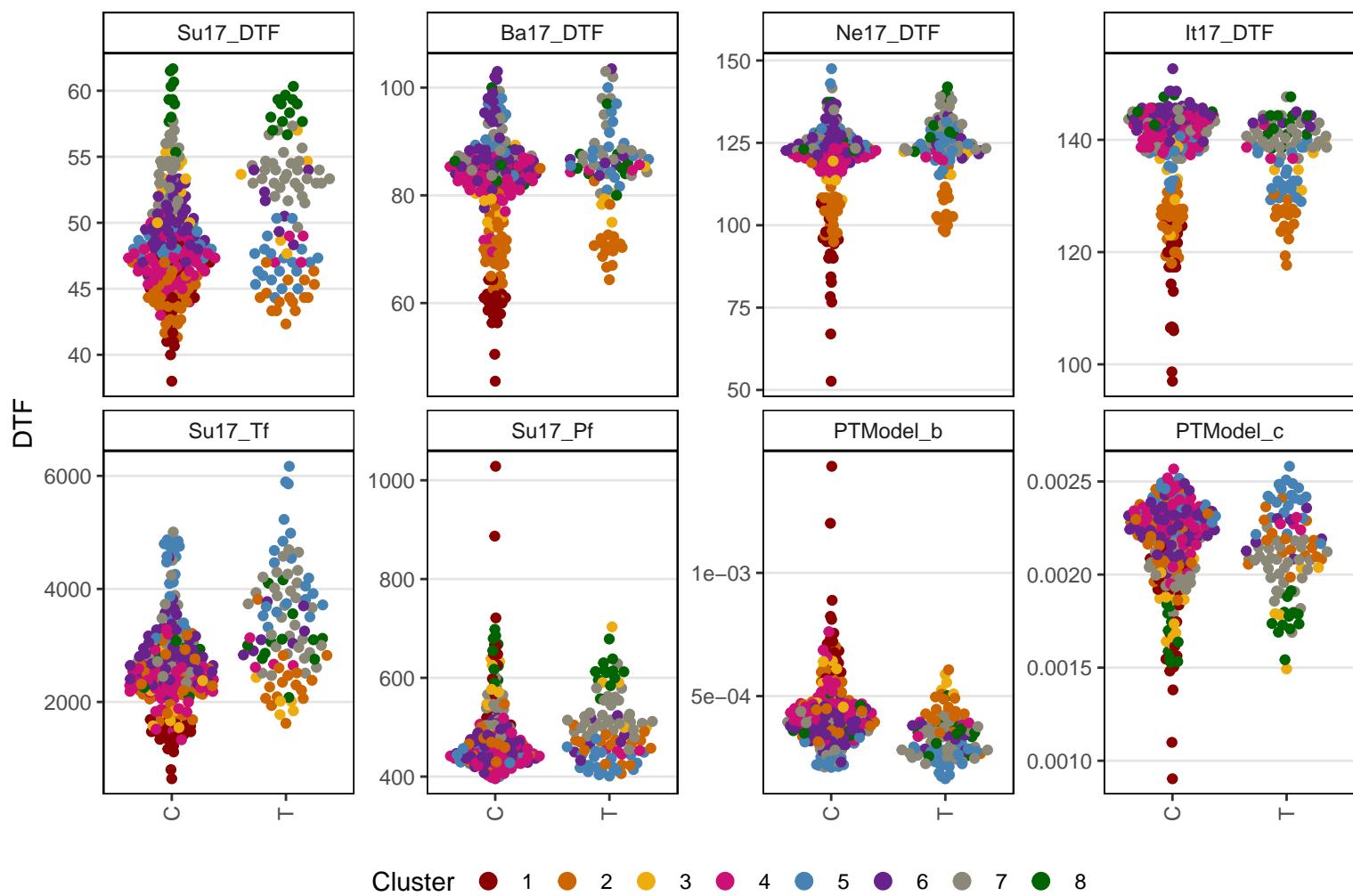


# Lcu.2RBY.Chr5p438243413

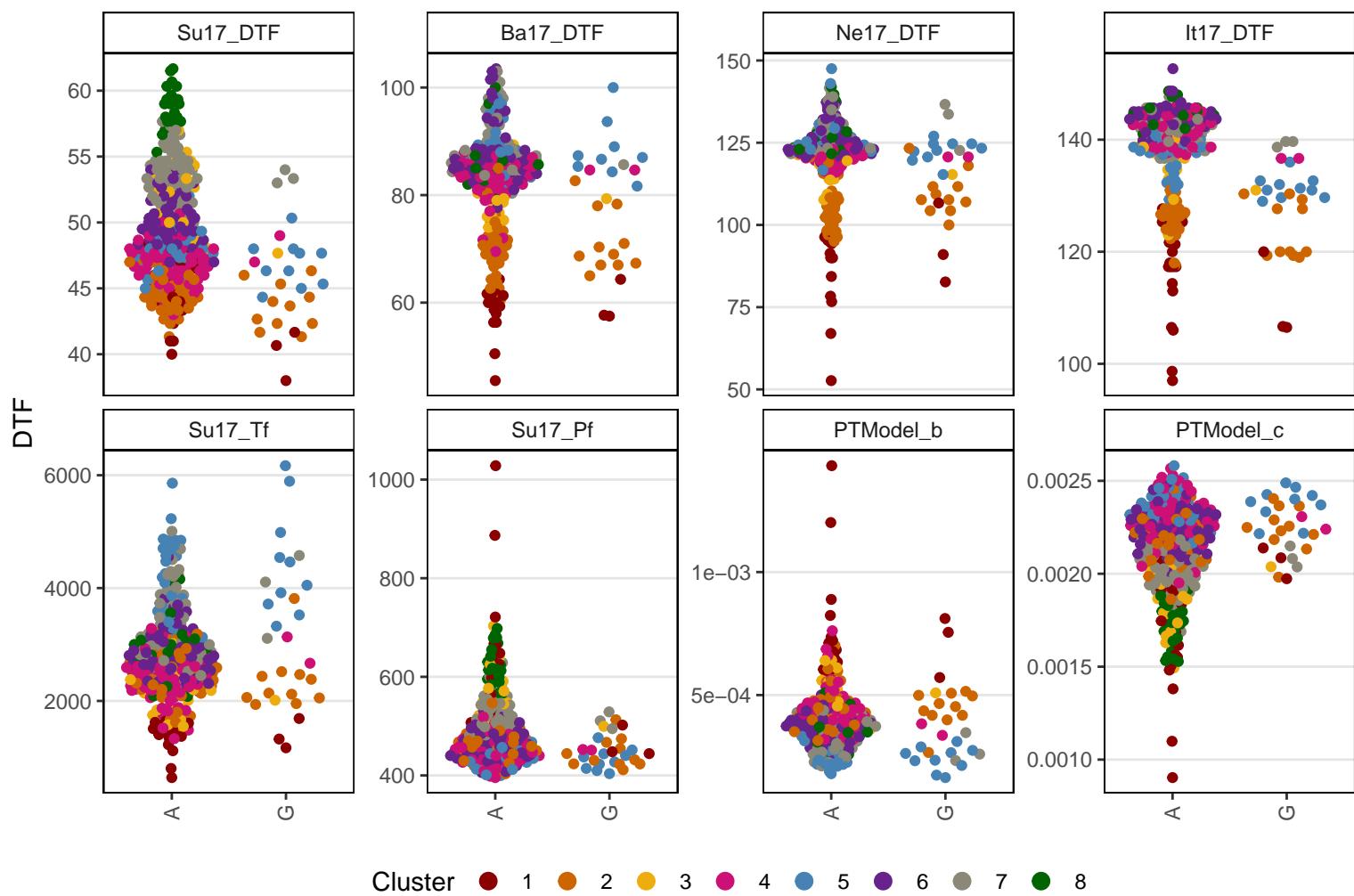


Cluster 1 2 3 4 5 6 7 8

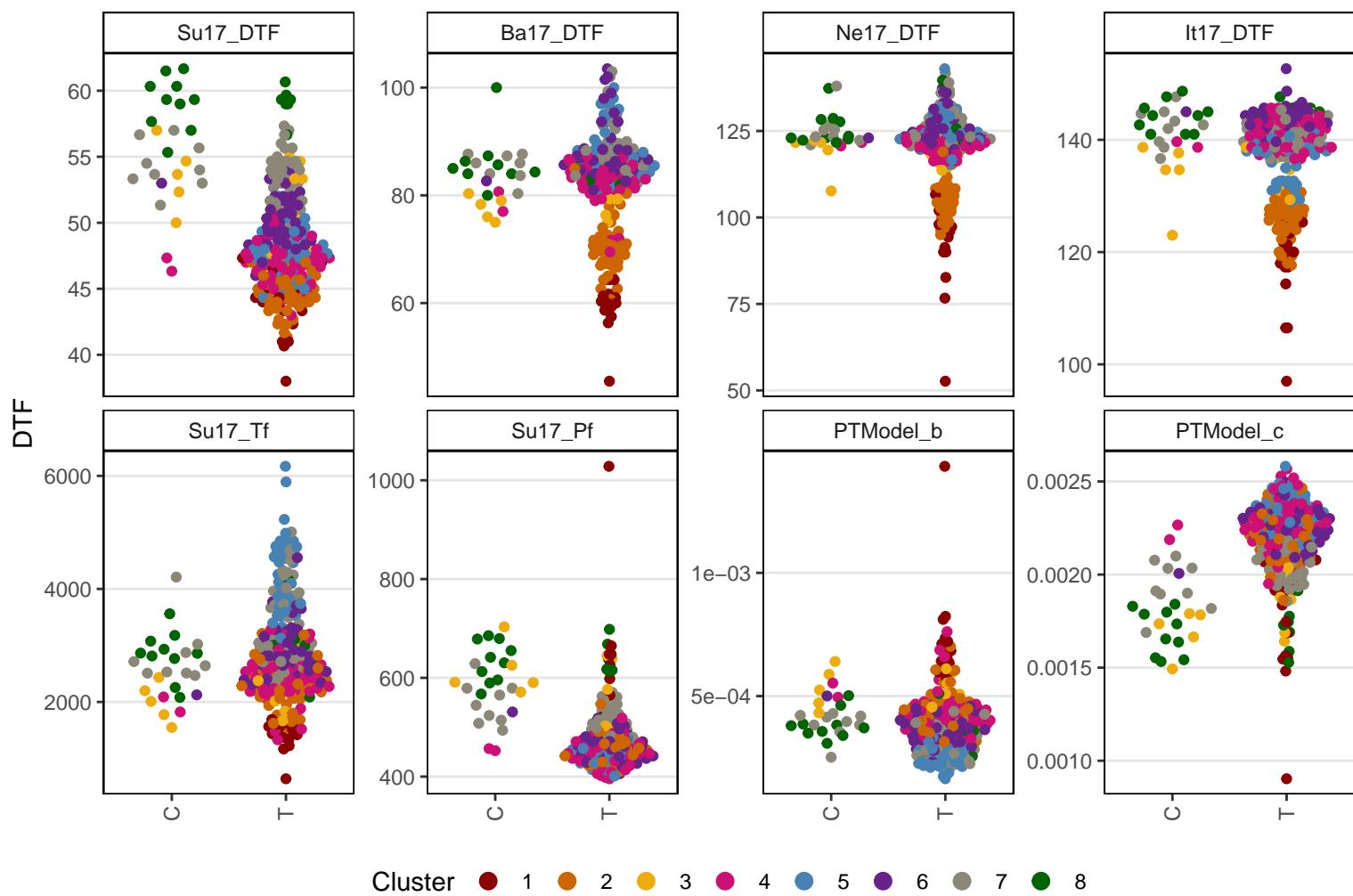
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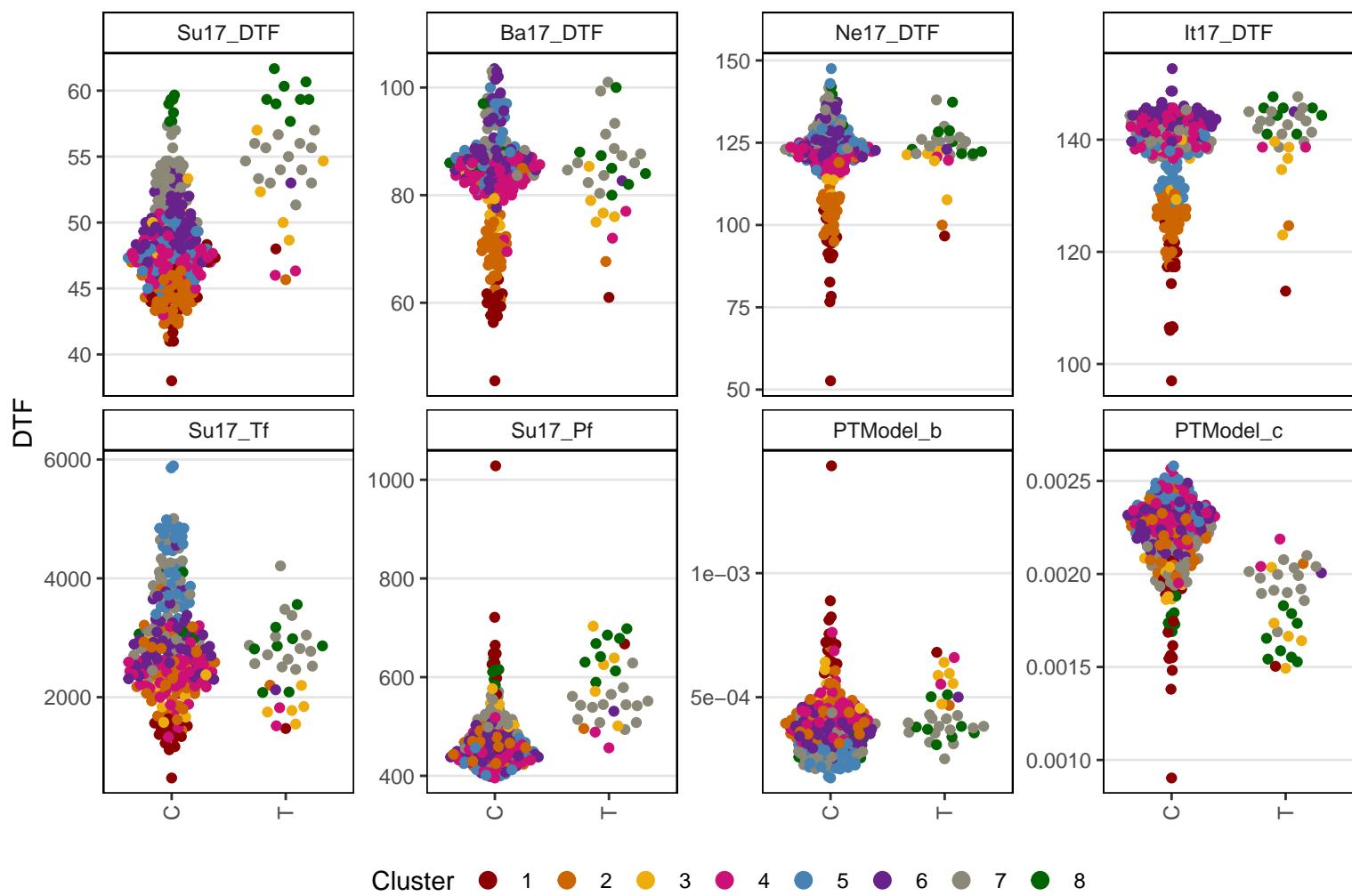
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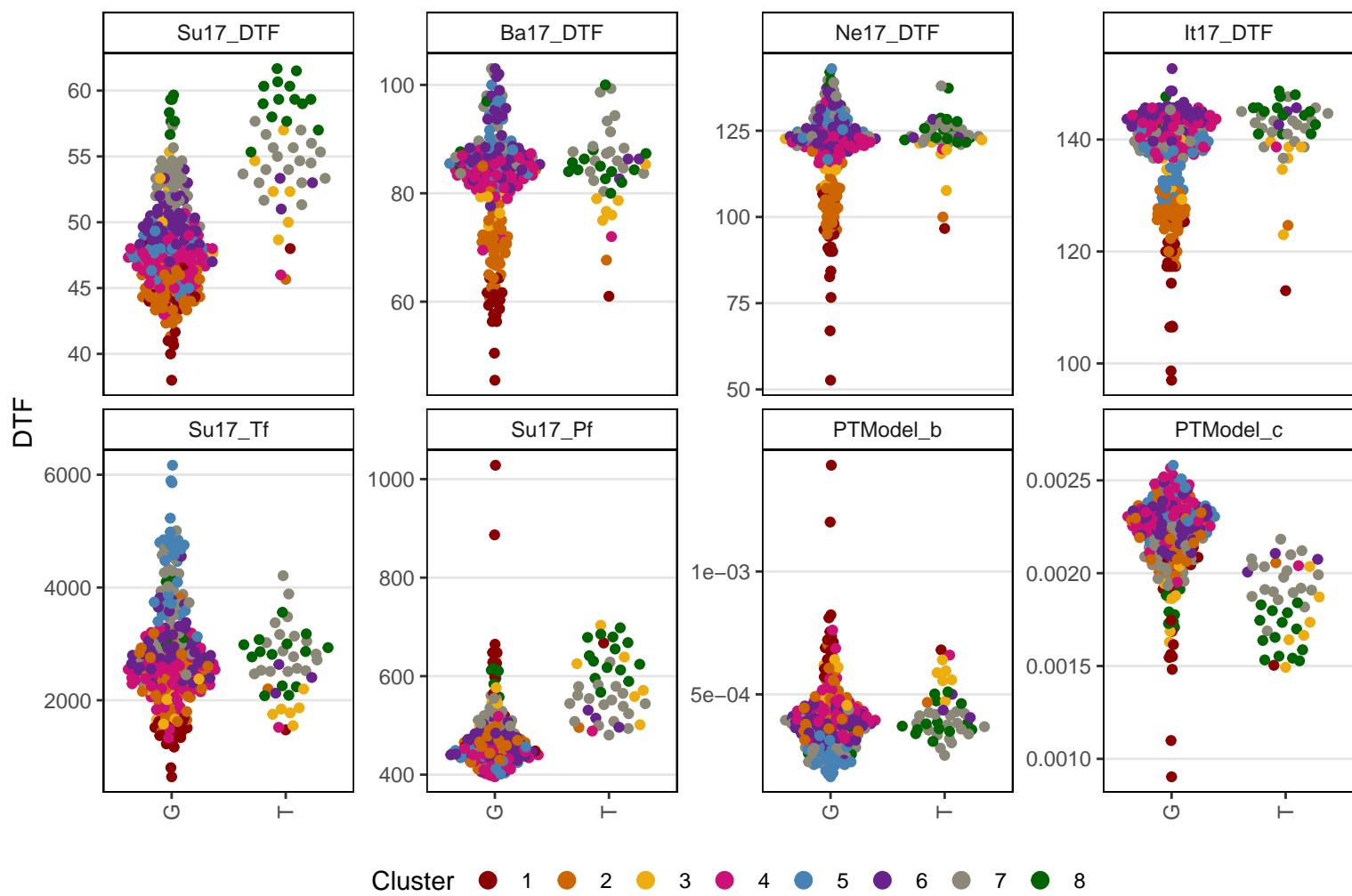
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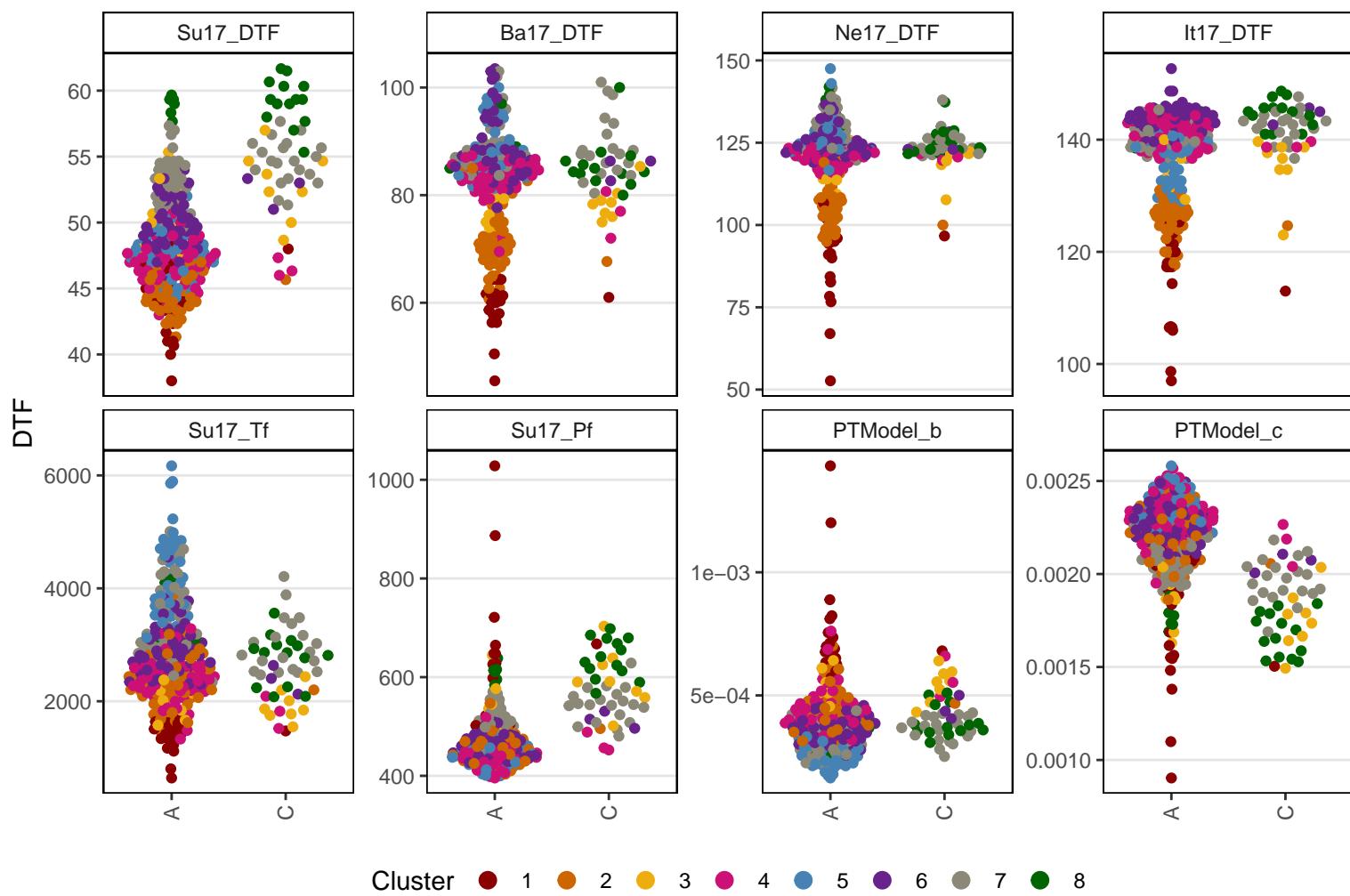
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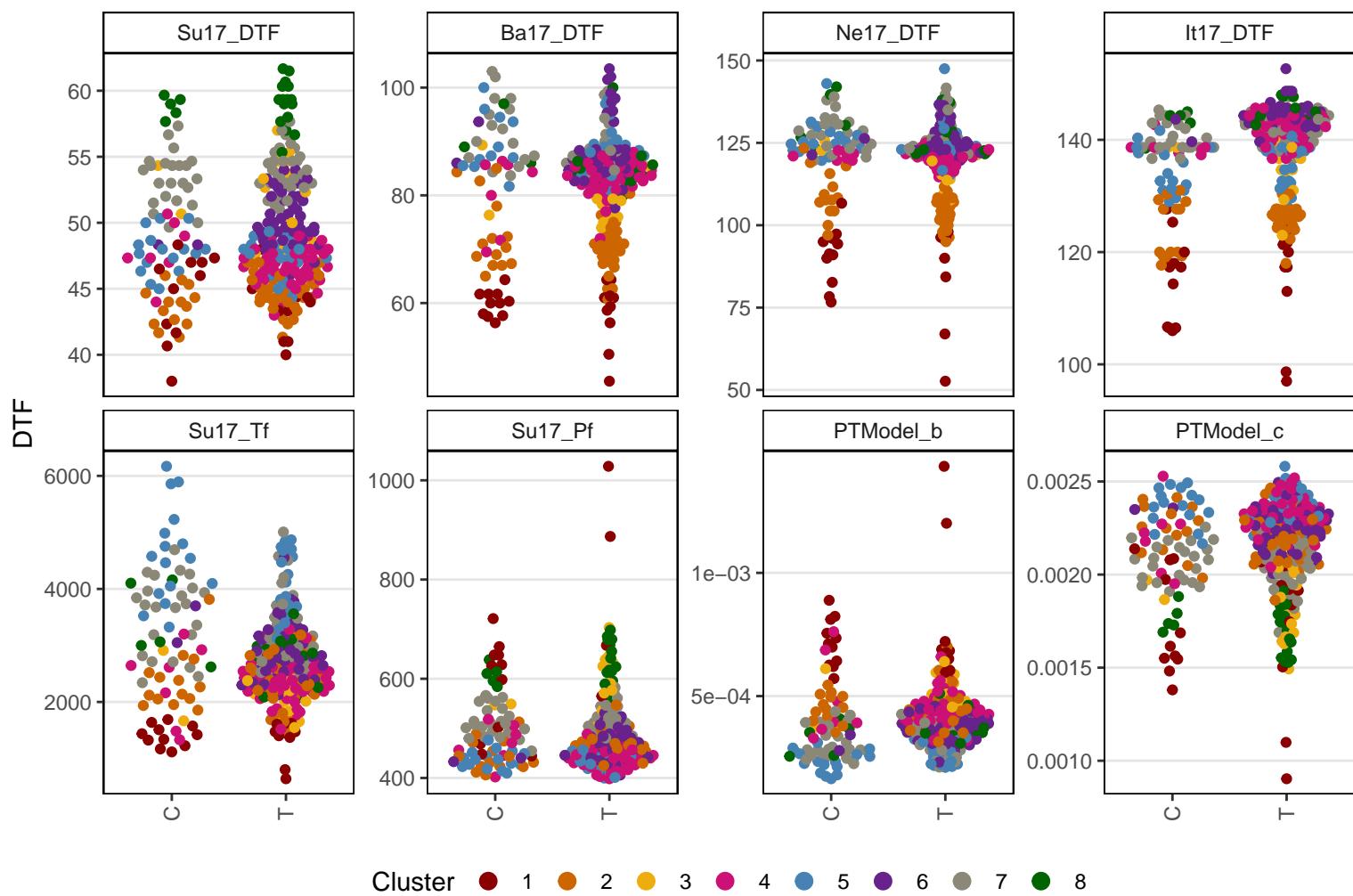
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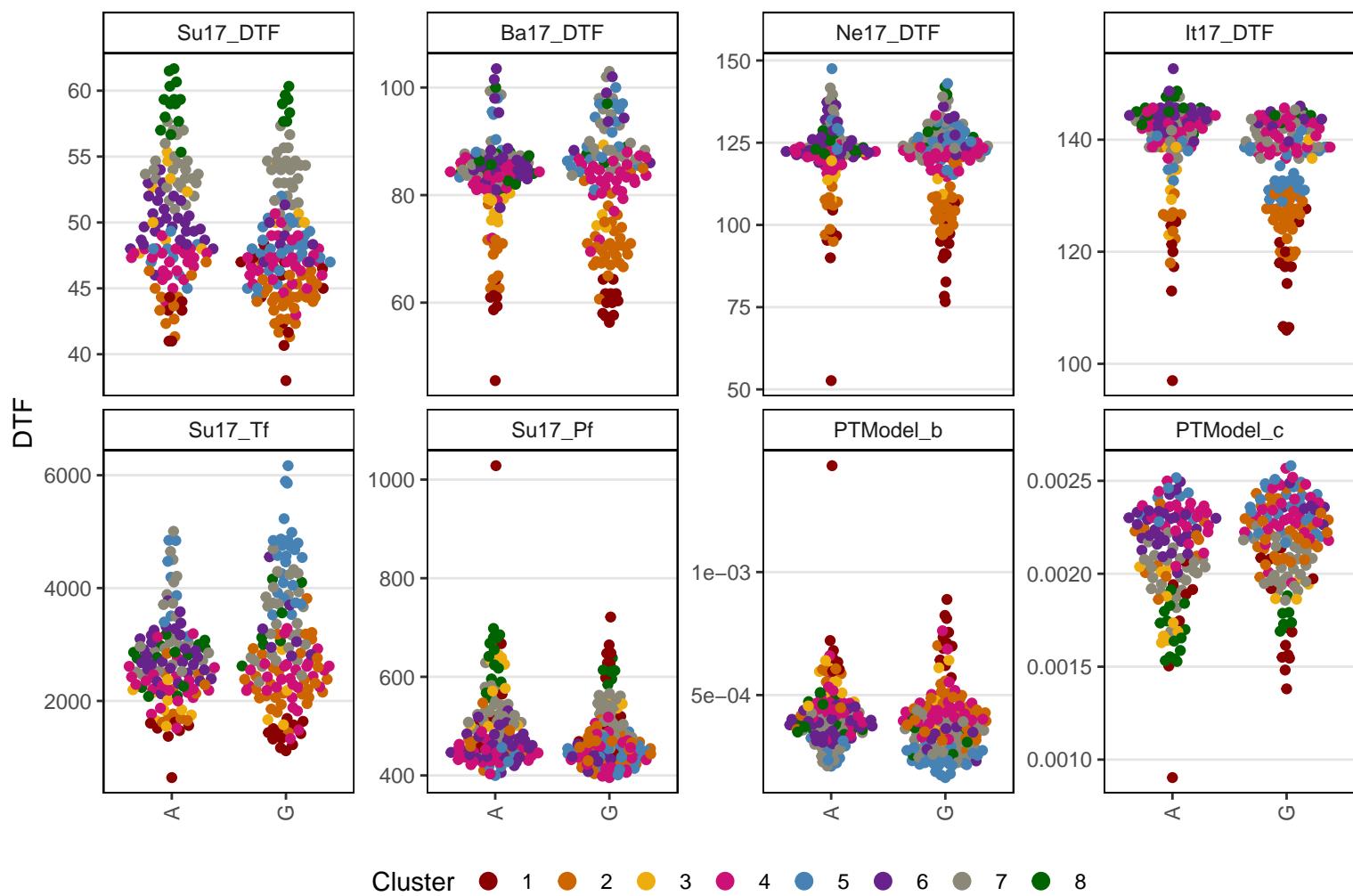
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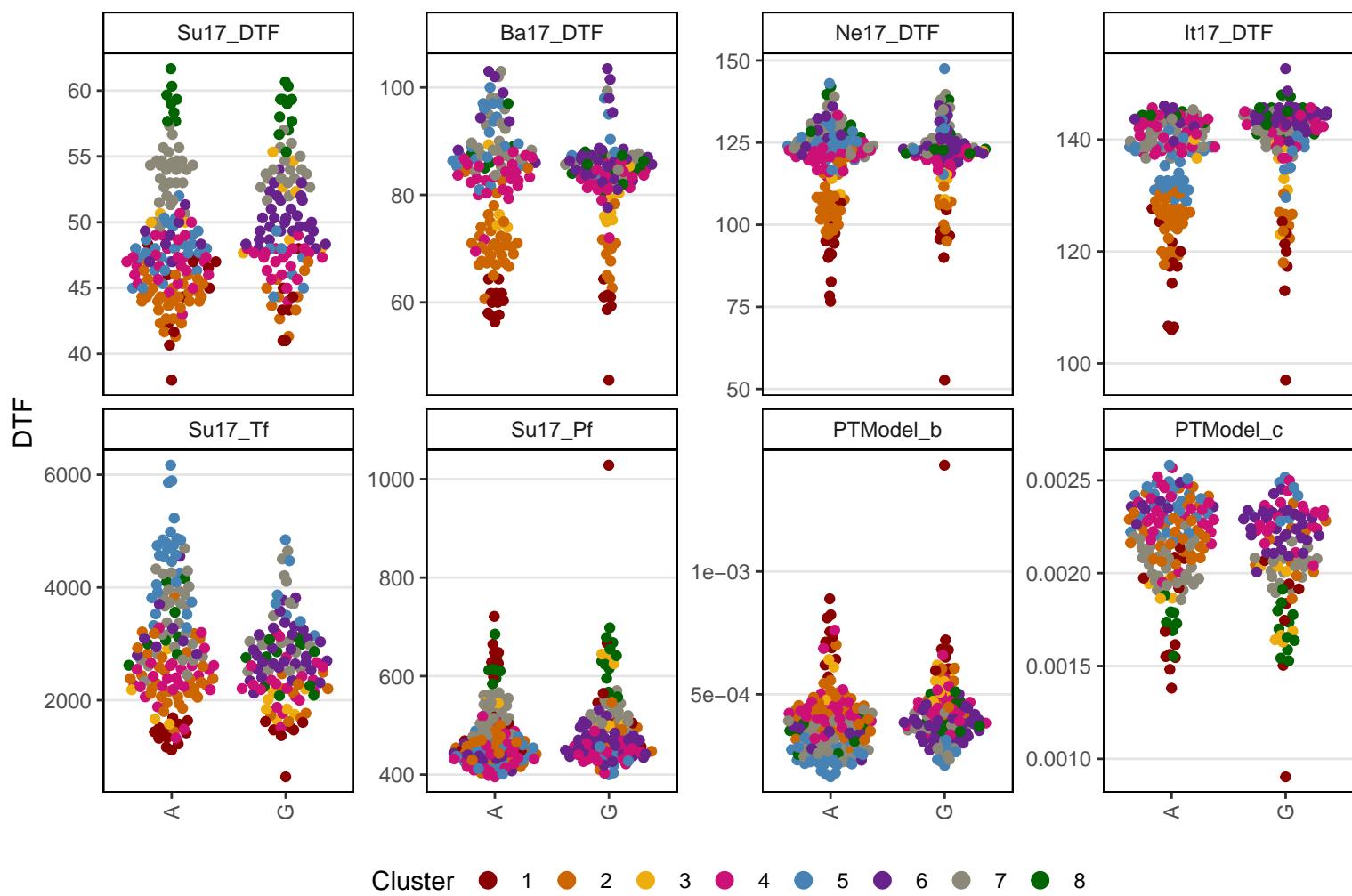
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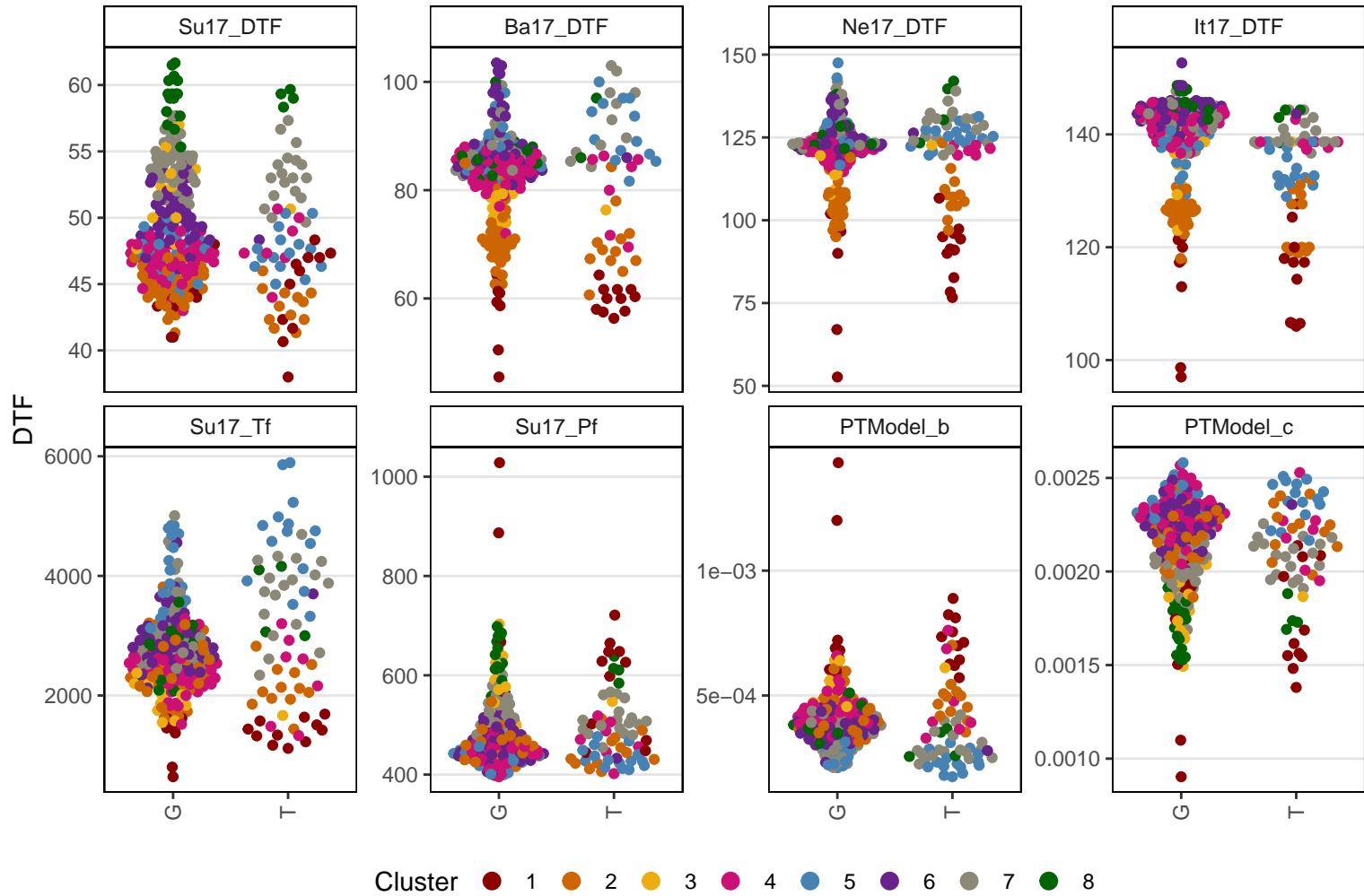
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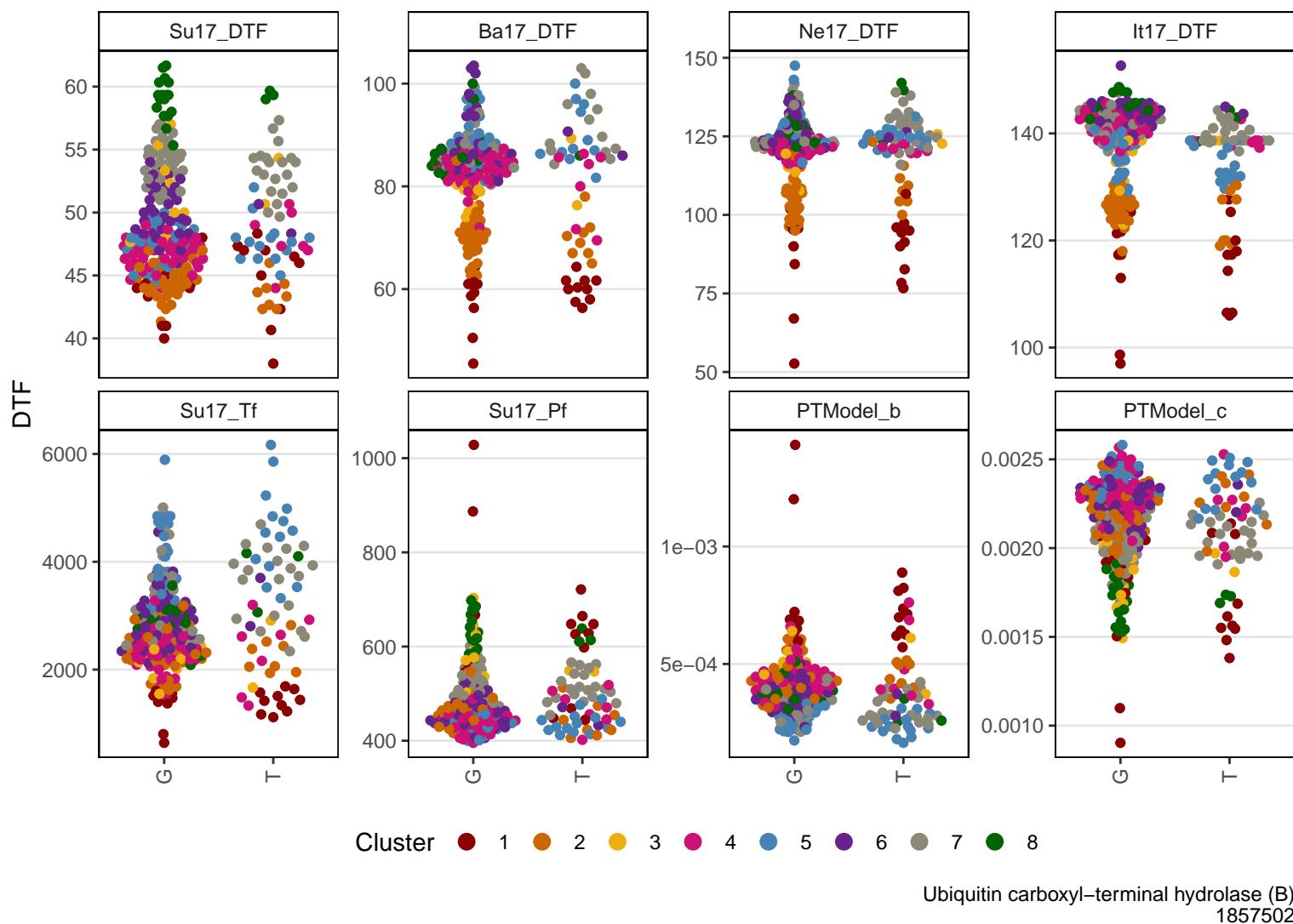
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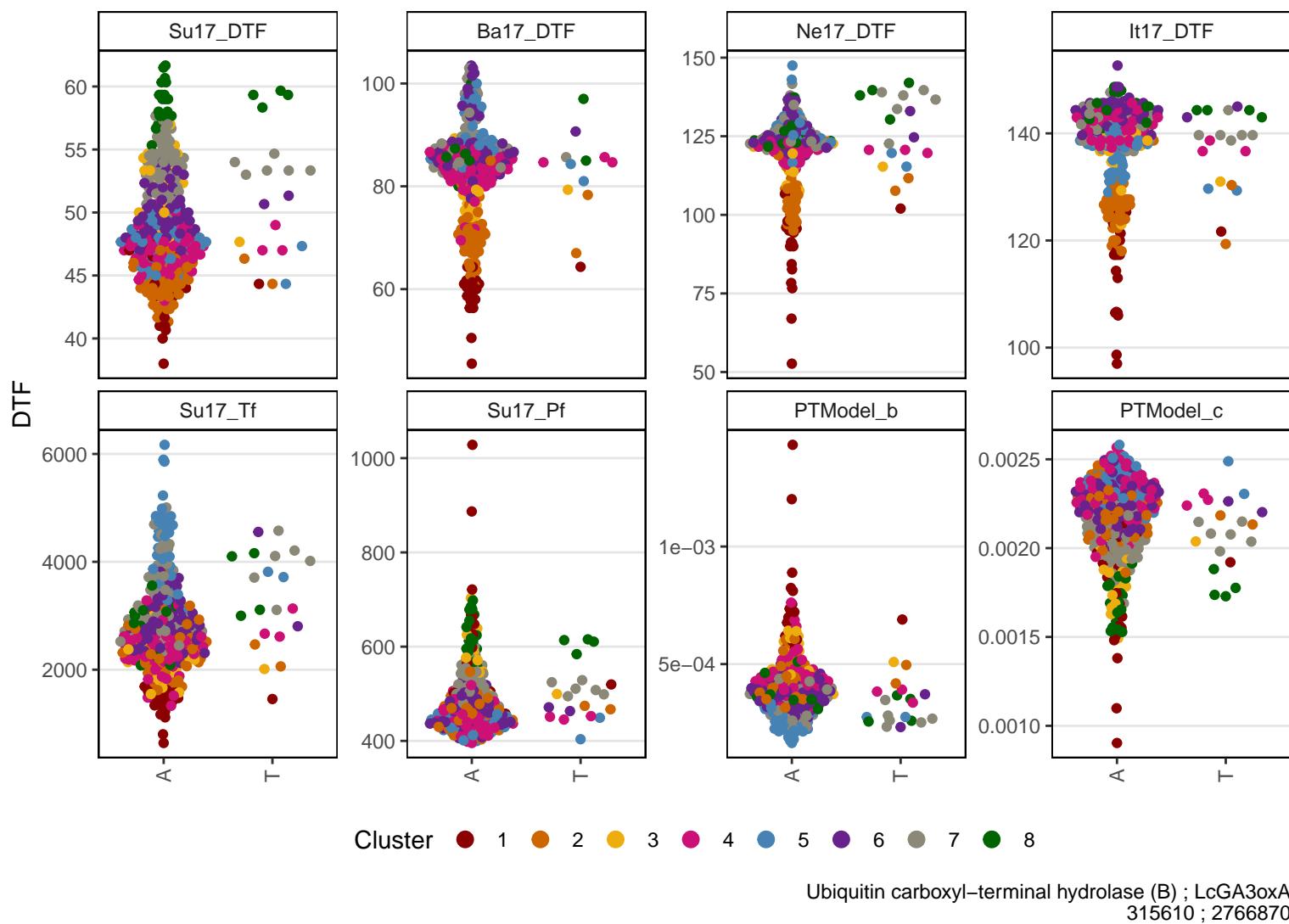
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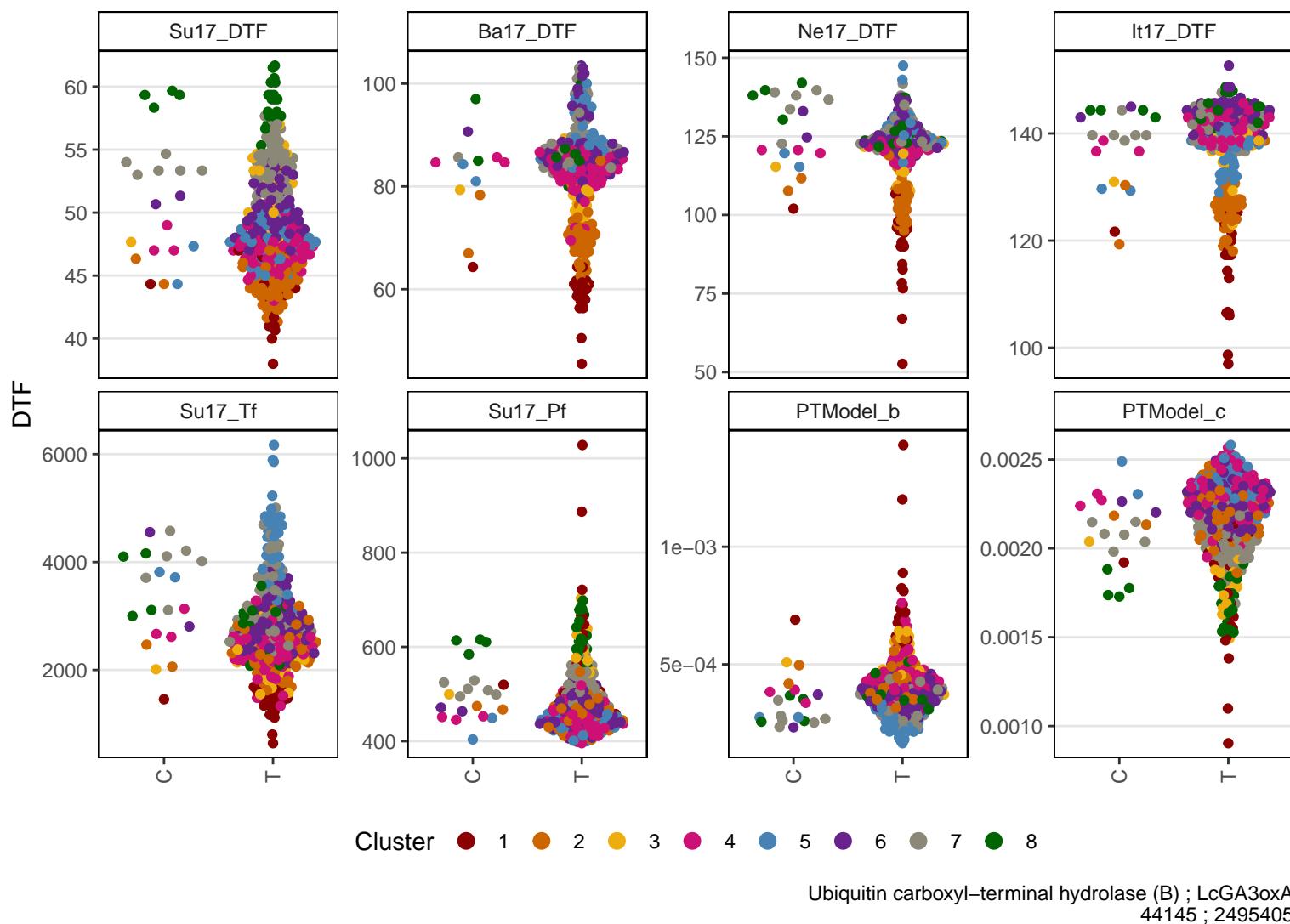
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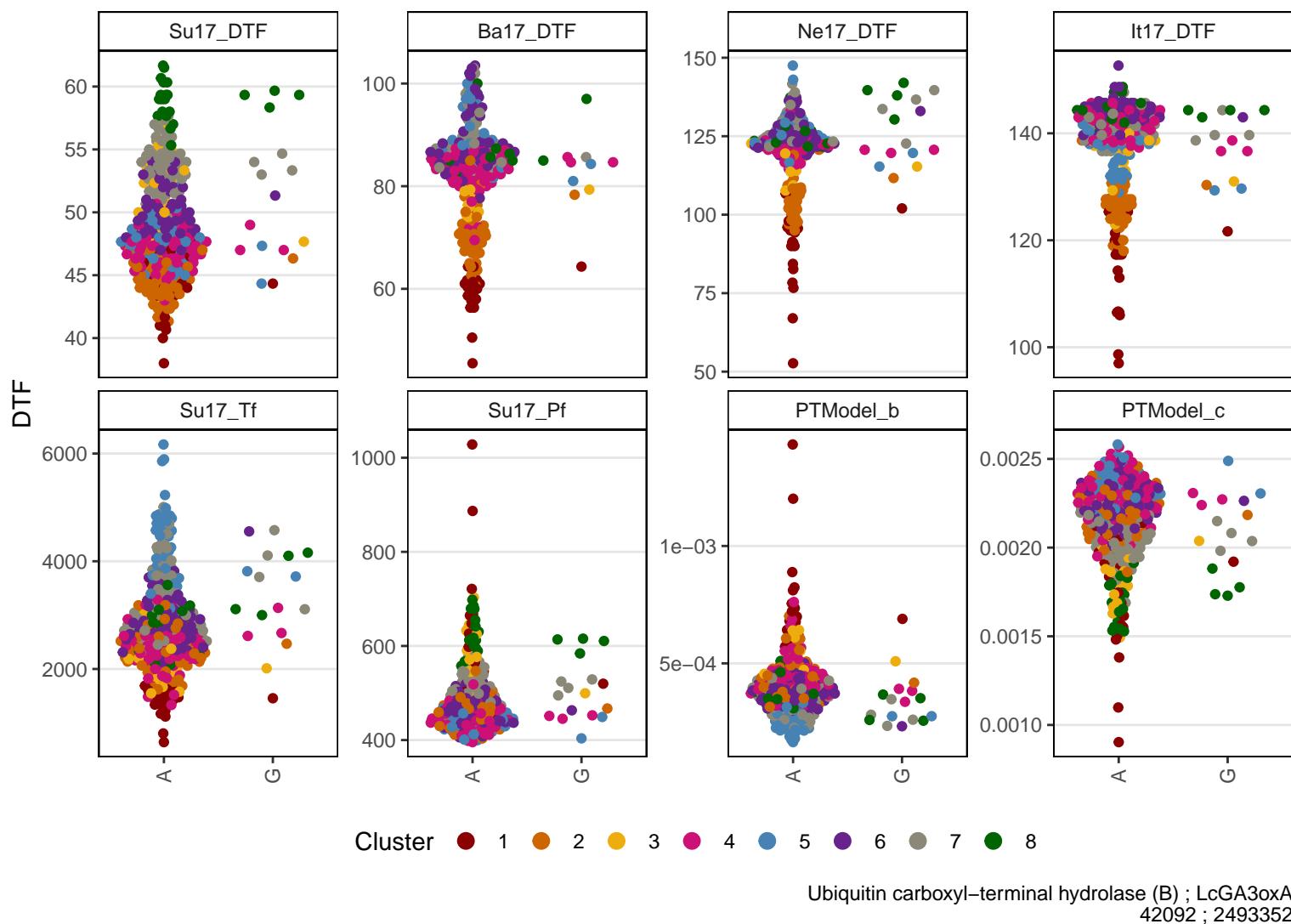
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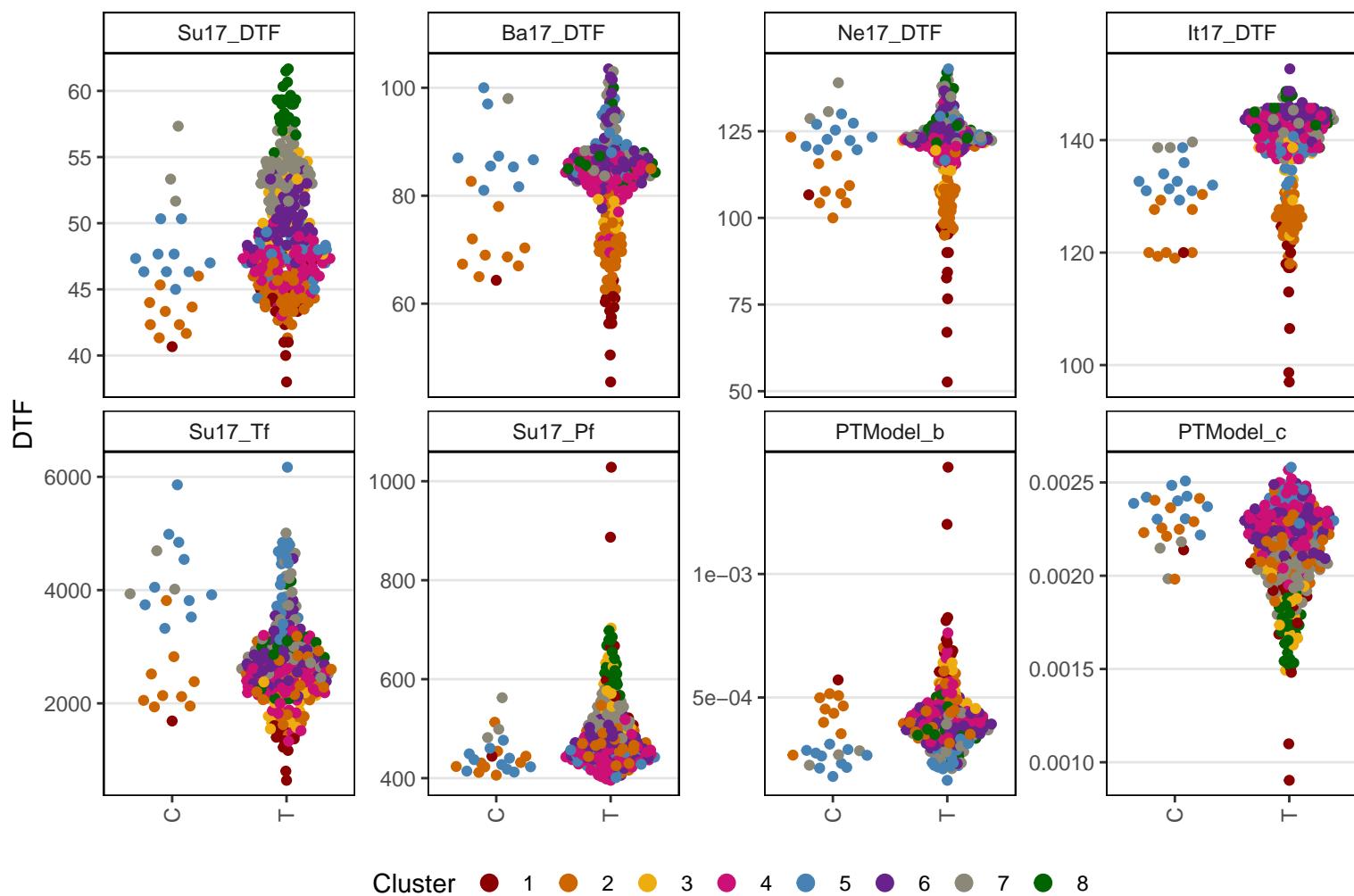
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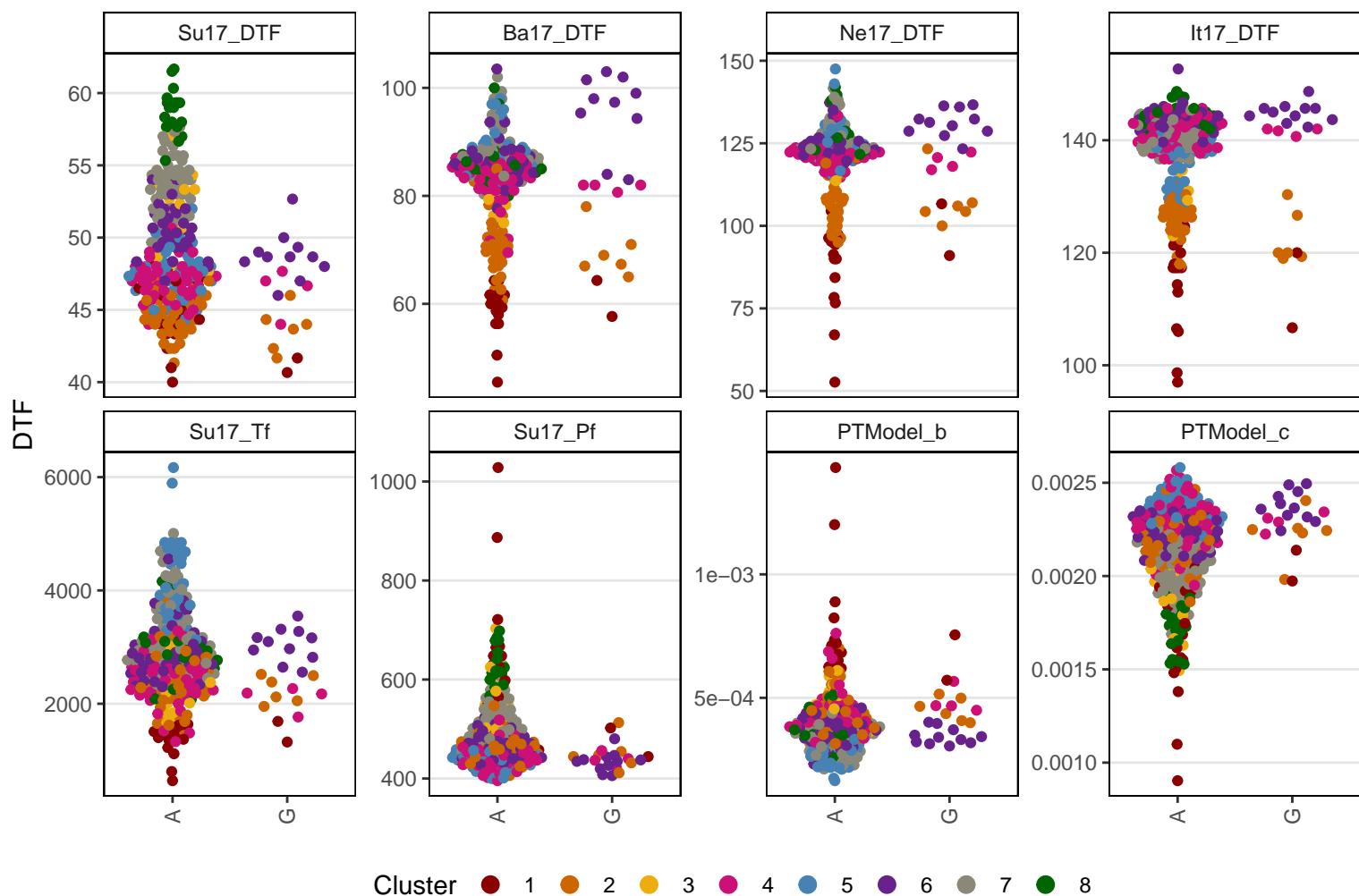
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# Lcu.2RBY.Chr5p454707725

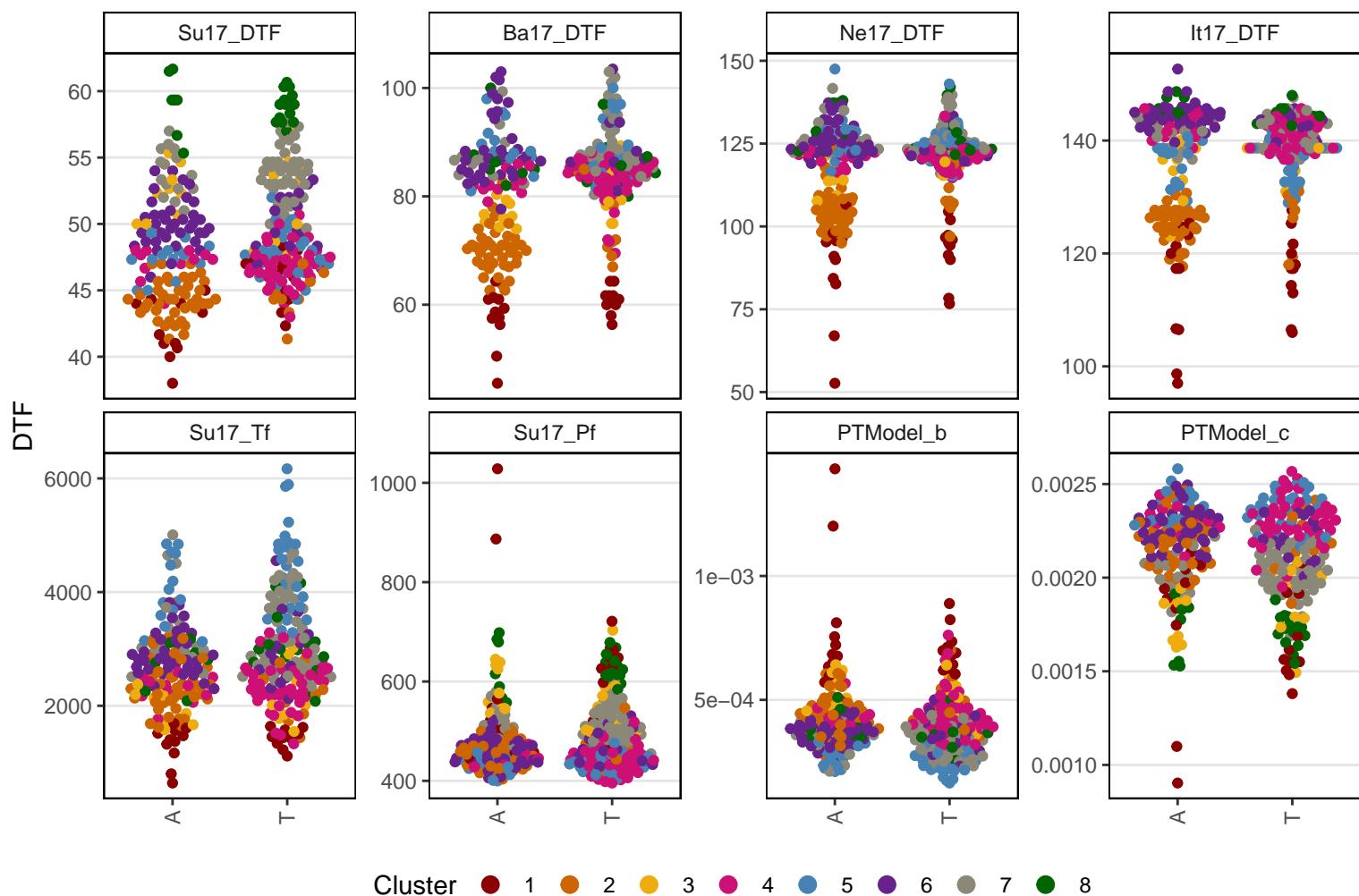


# Lcu.2RBY.Chr5p456350143



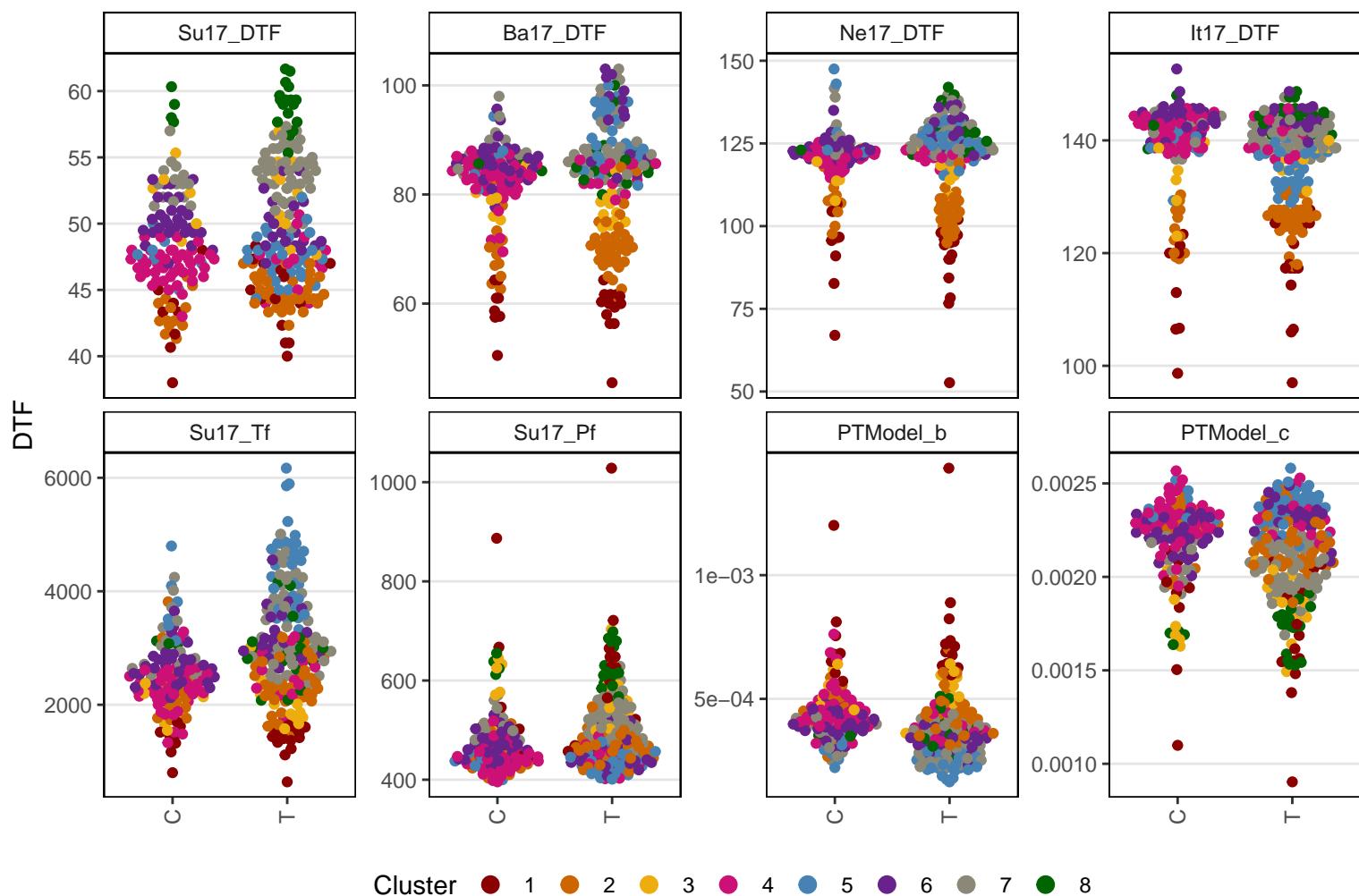
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

# Lcu.2RBY.Chr5p457361980

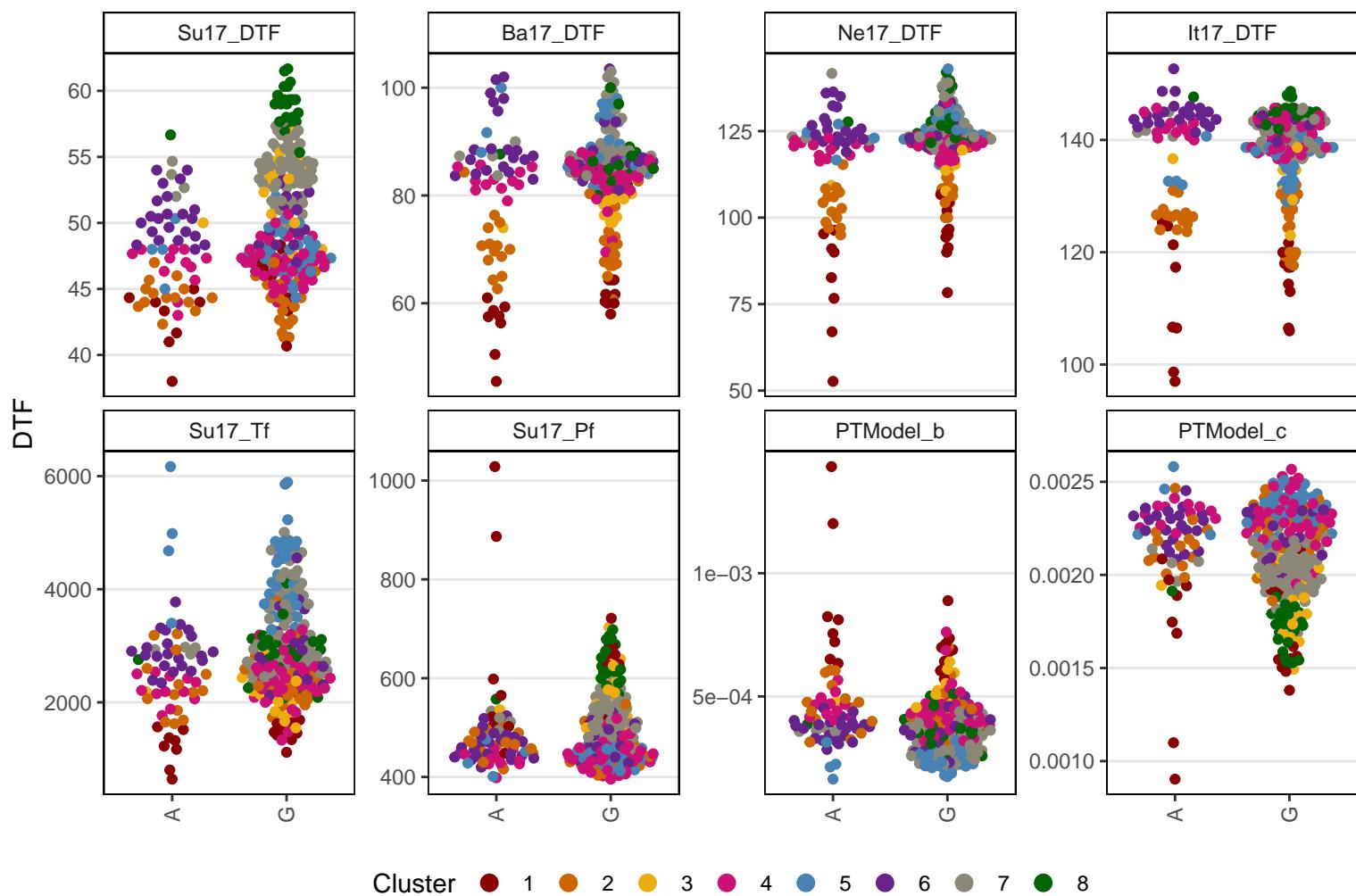


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

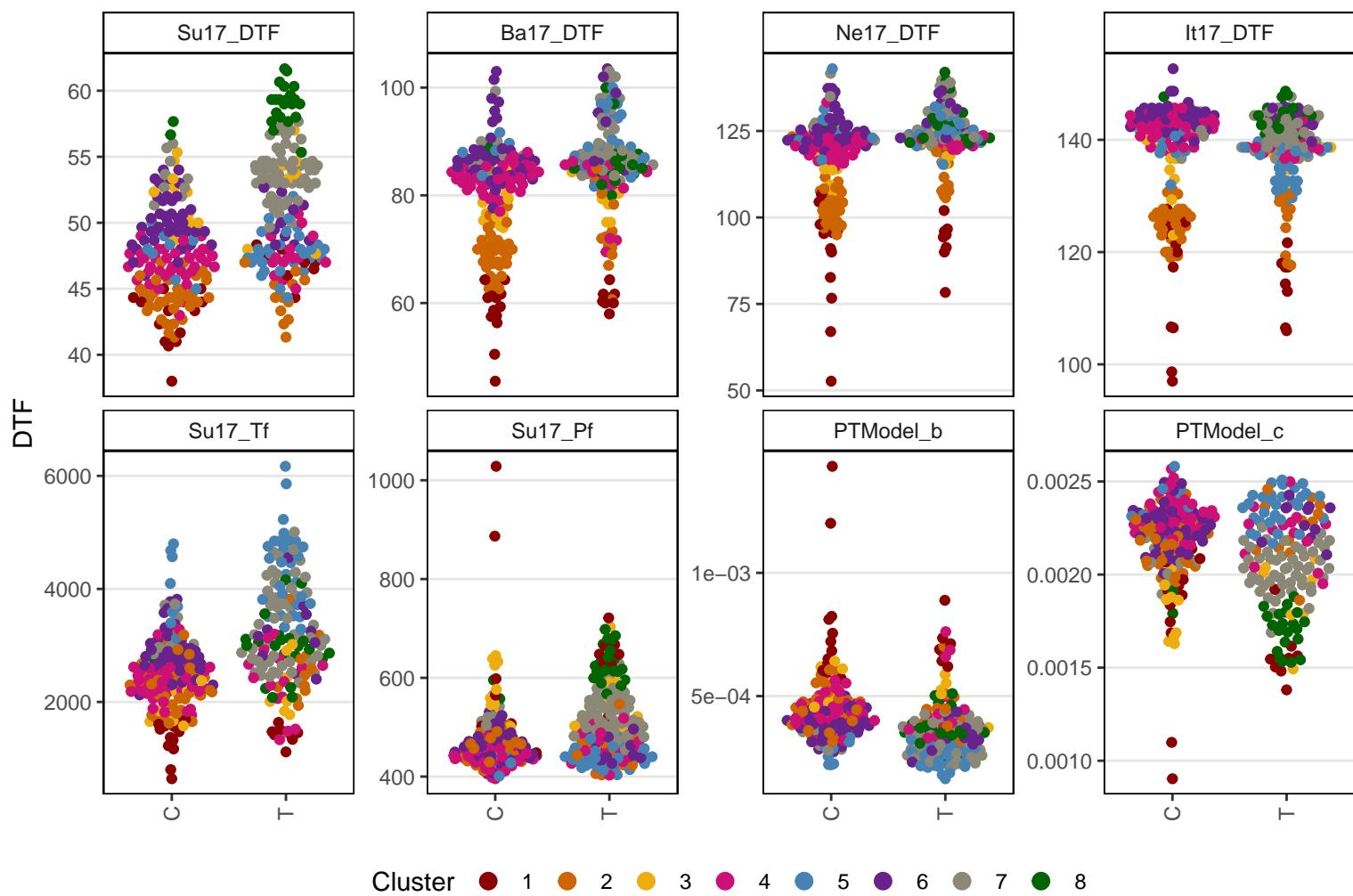
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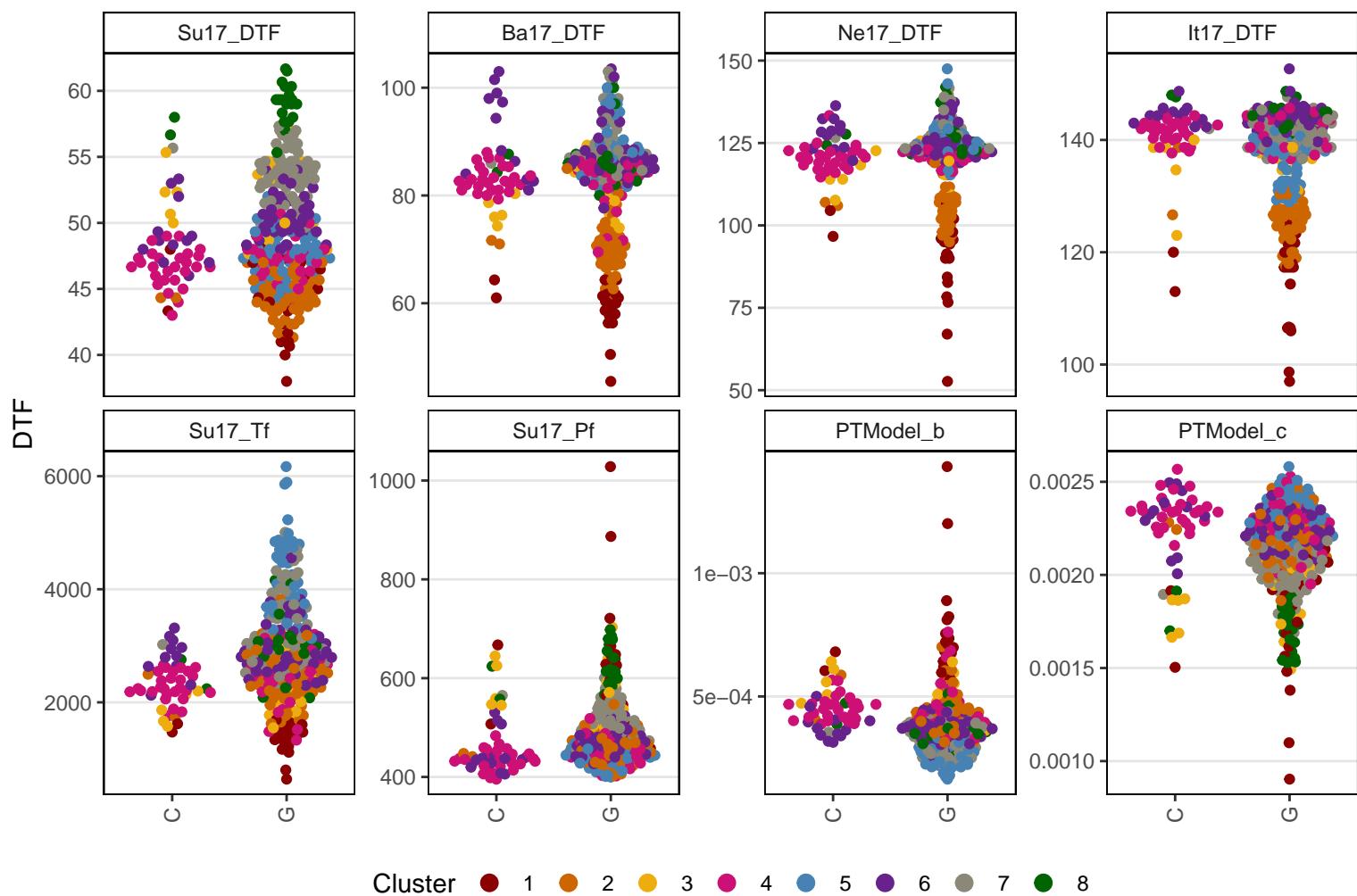
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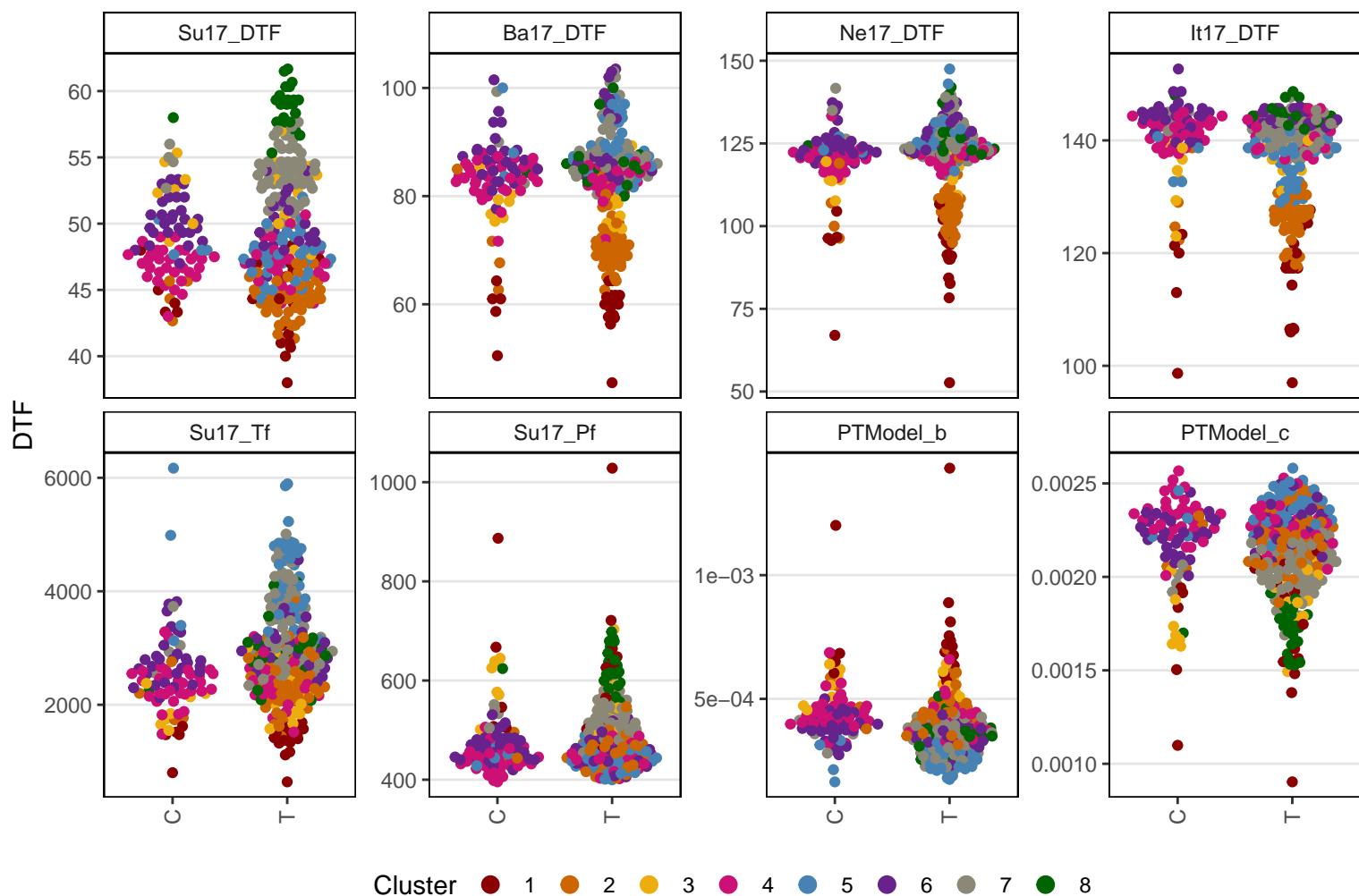
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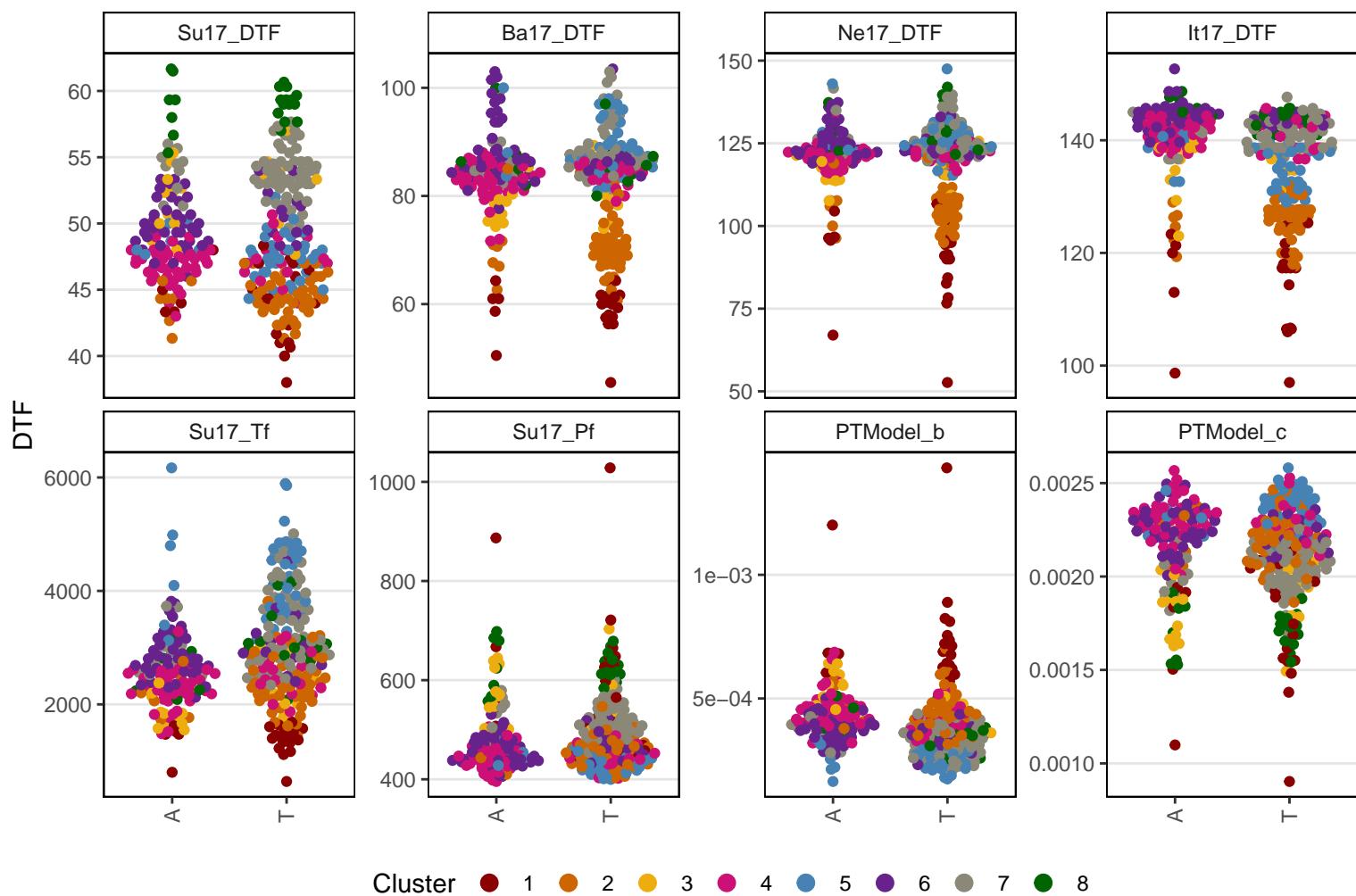
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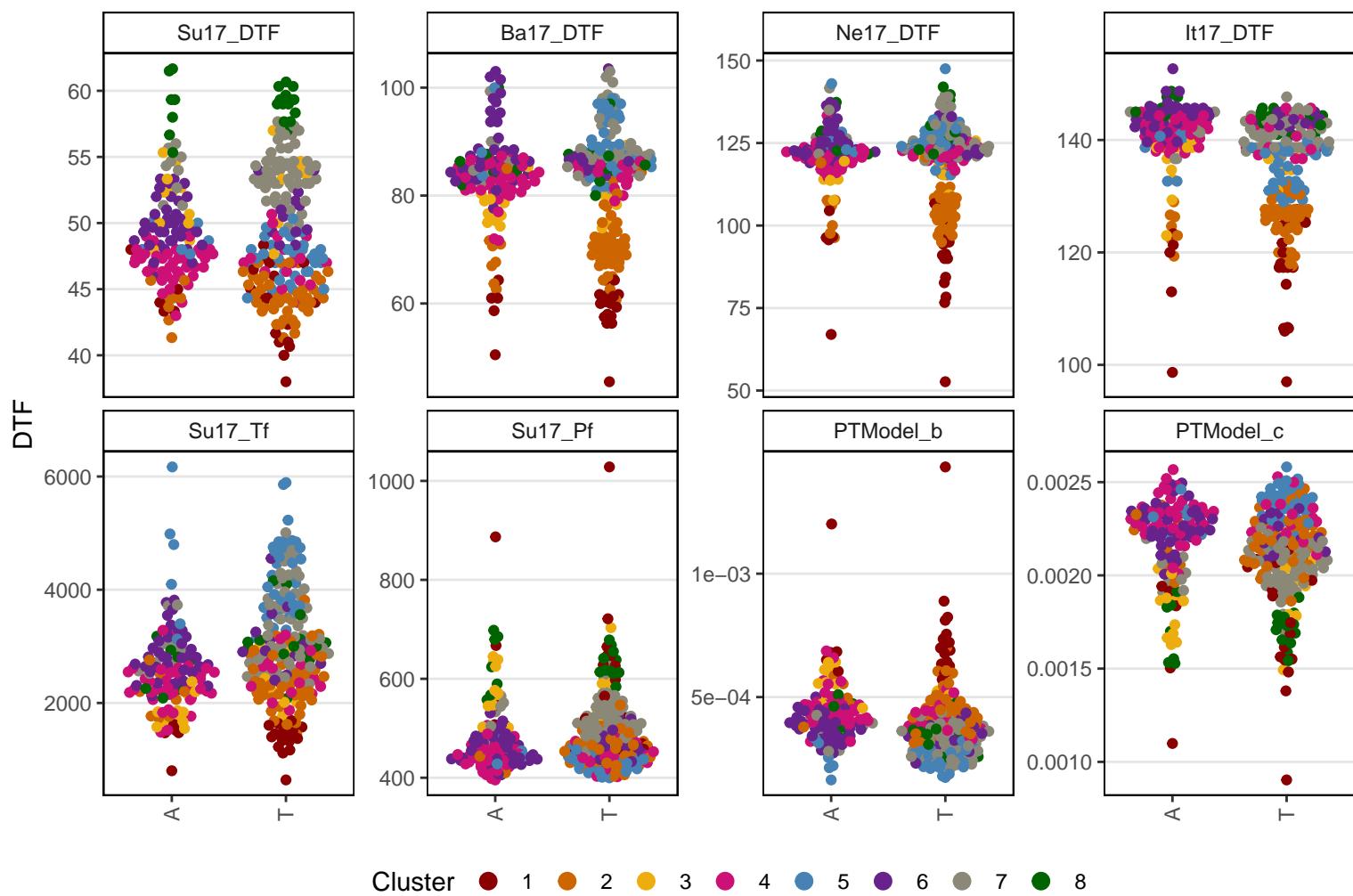
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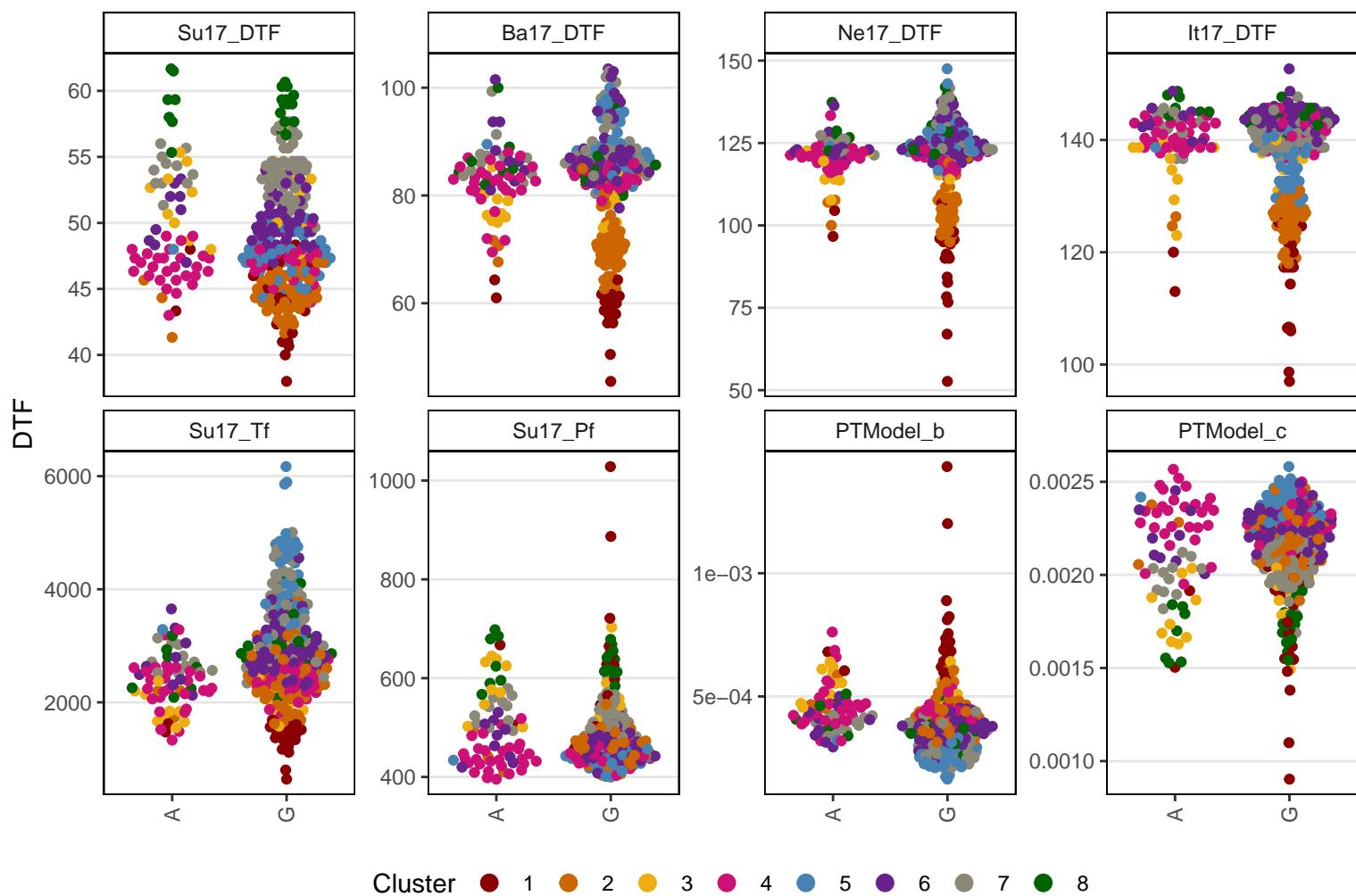
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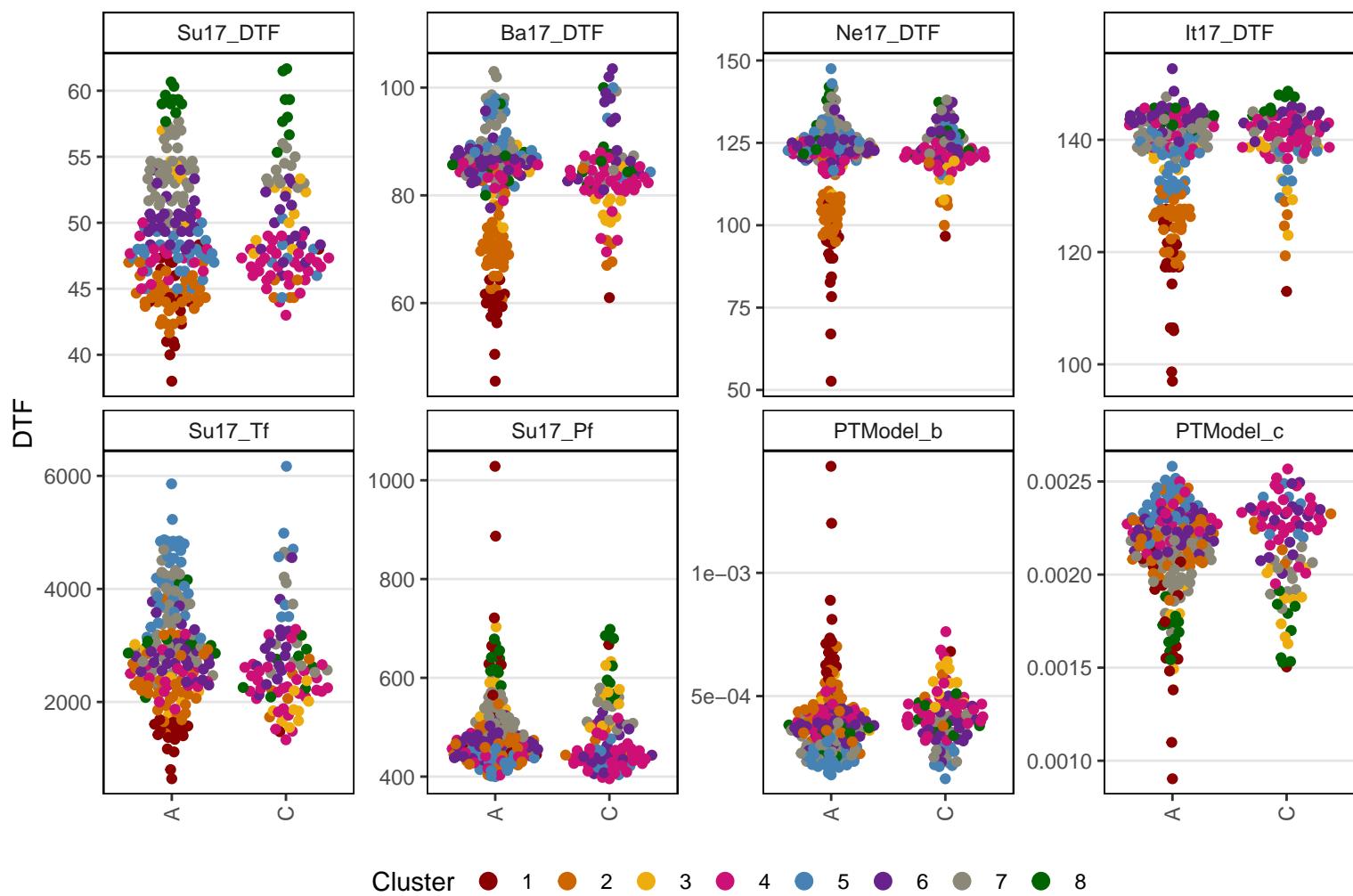
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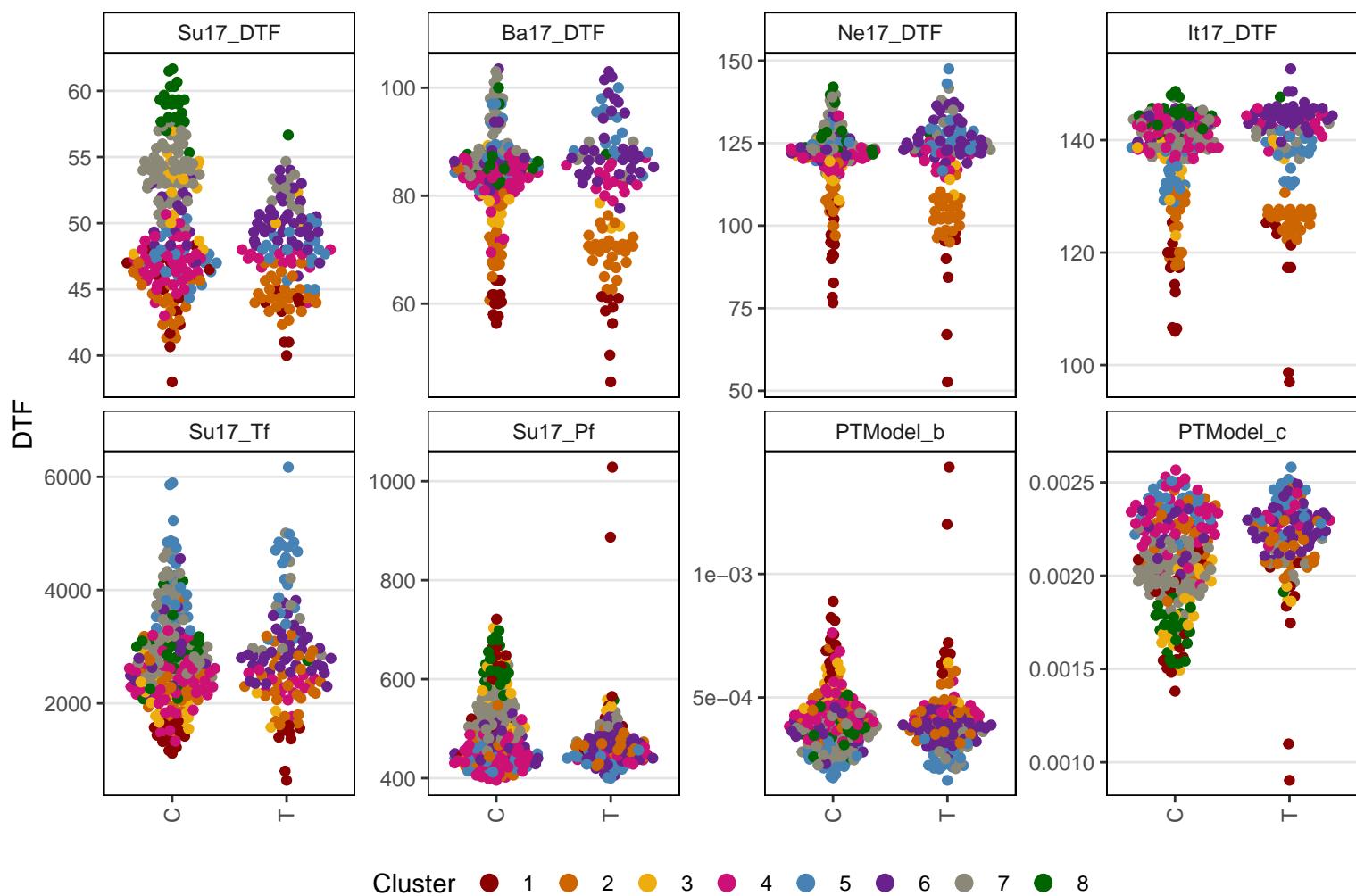
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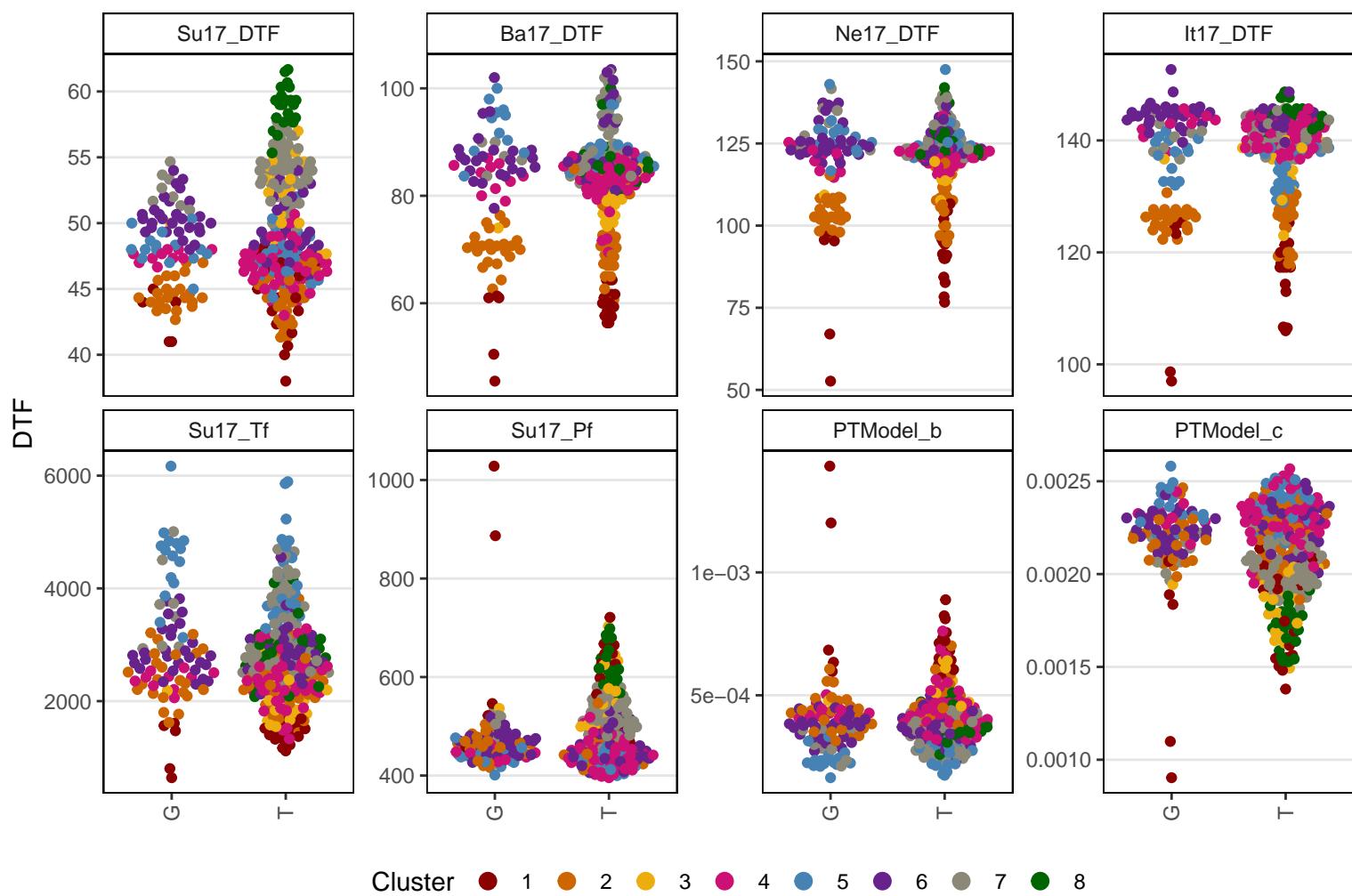
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# Lcu.2RBY.Chr5p460795080

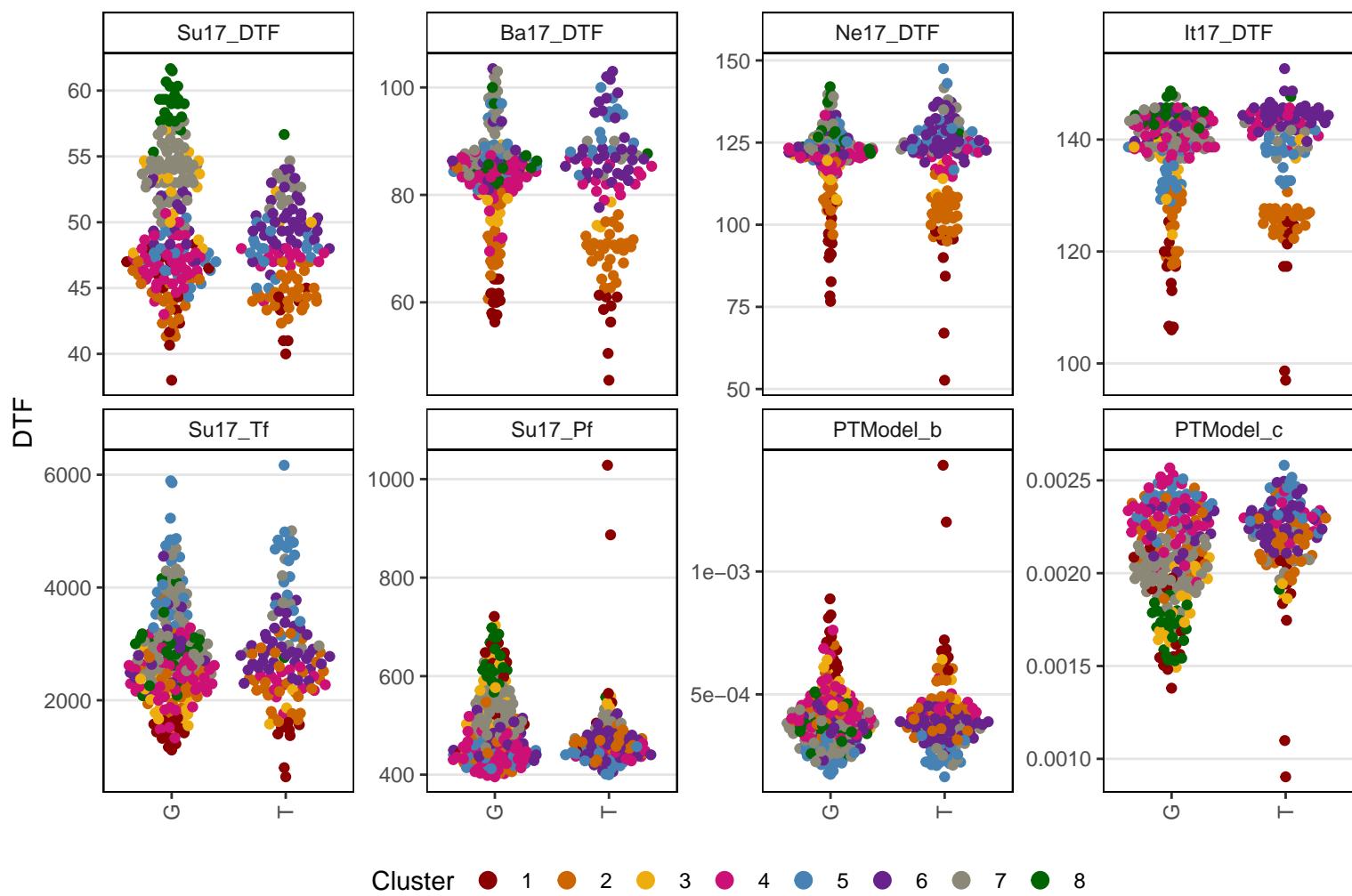


# Lcu.2RBY.Chr5p460795085

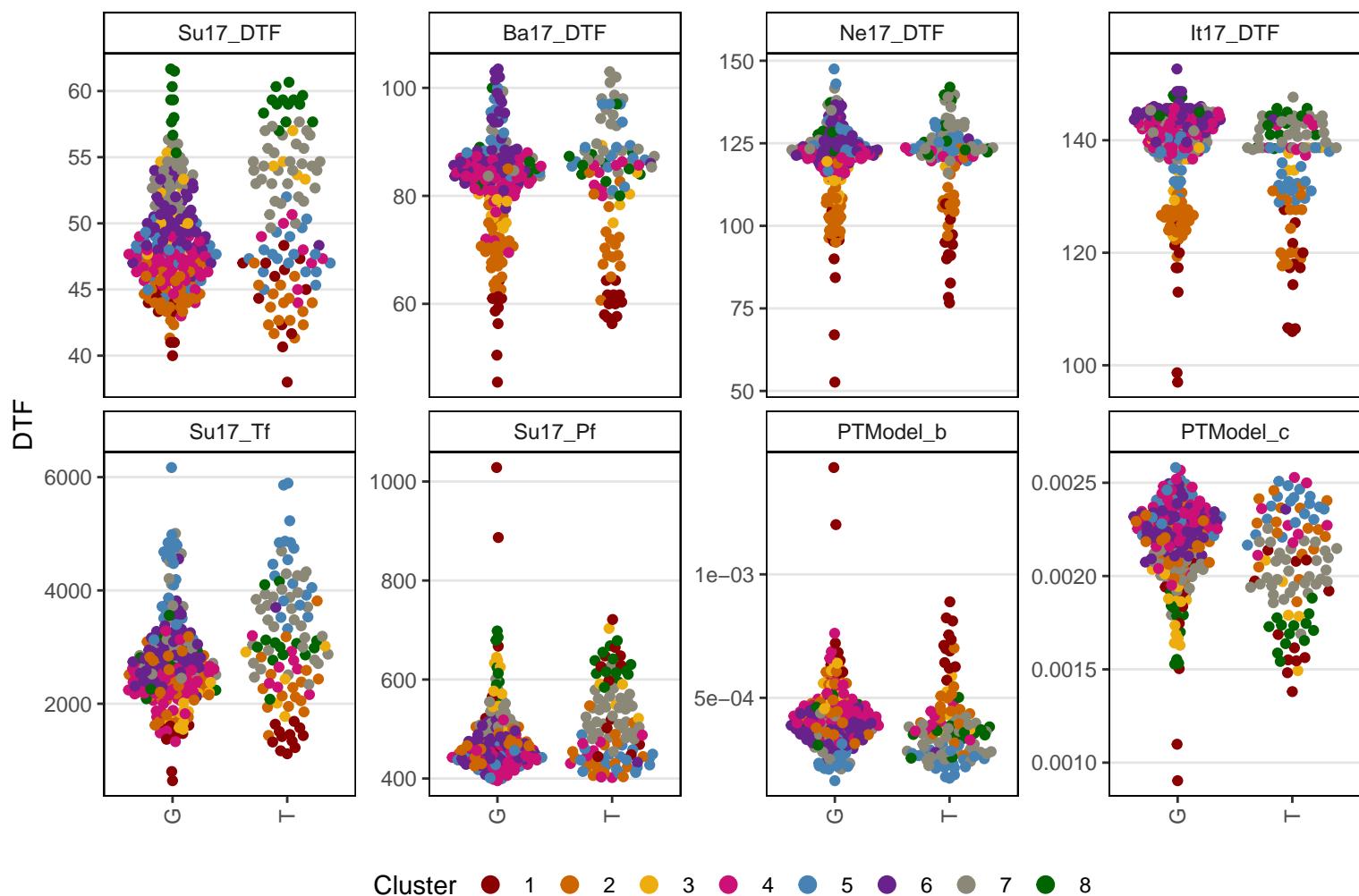


Cluster ● 1 2 3 4 5 6 7 8

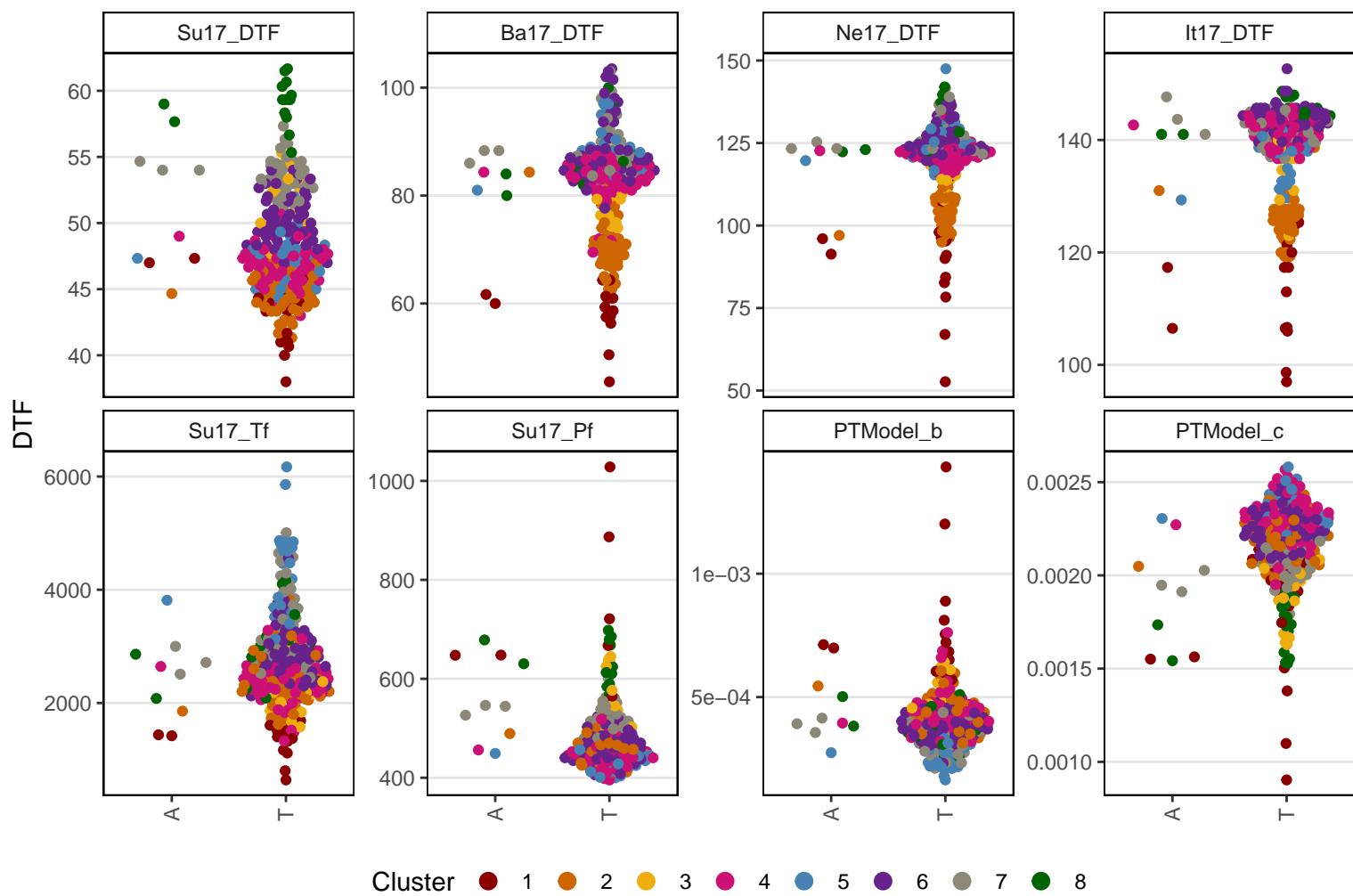
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# Lcu.2RBY.Chr5p460897383

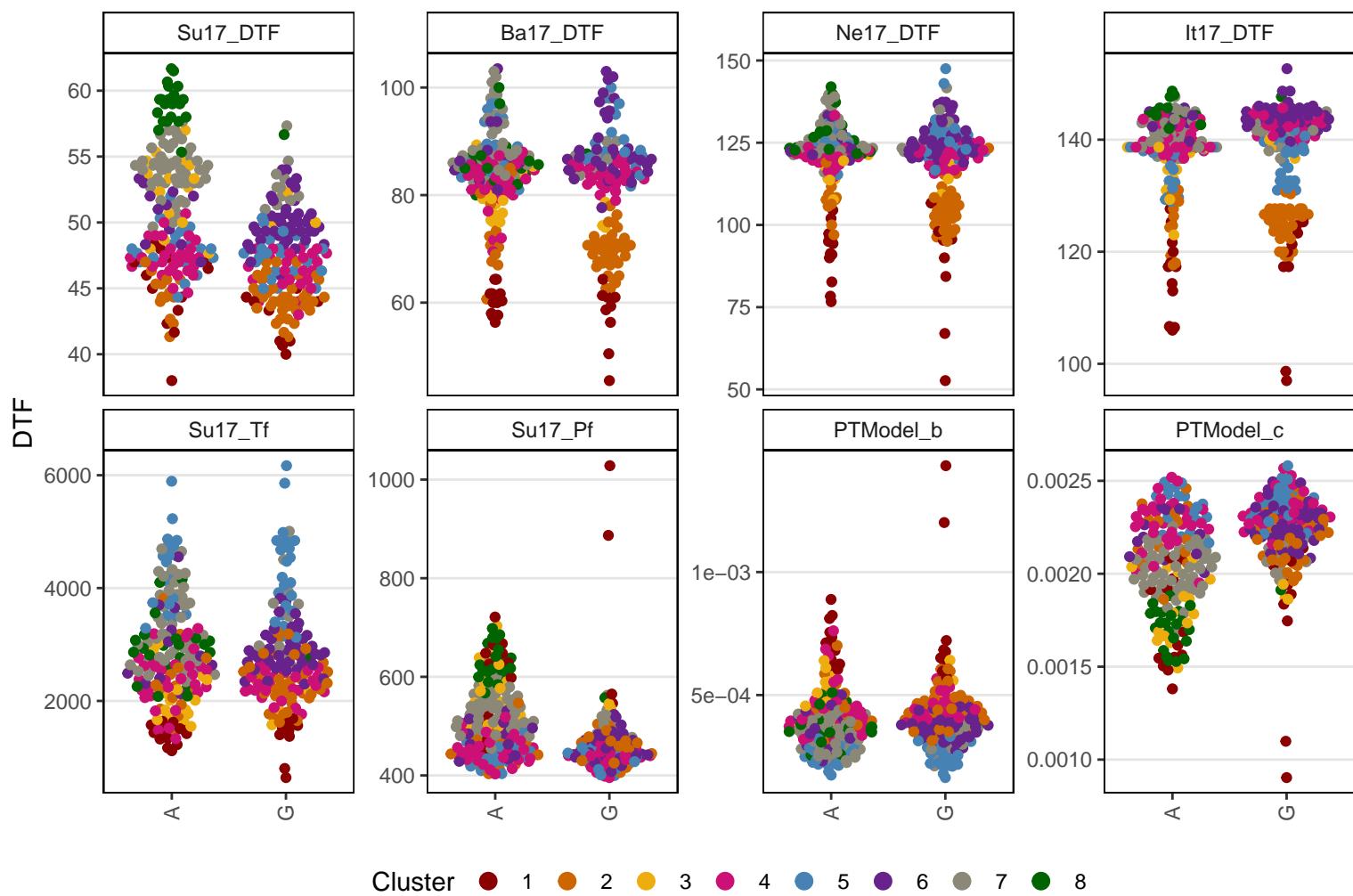


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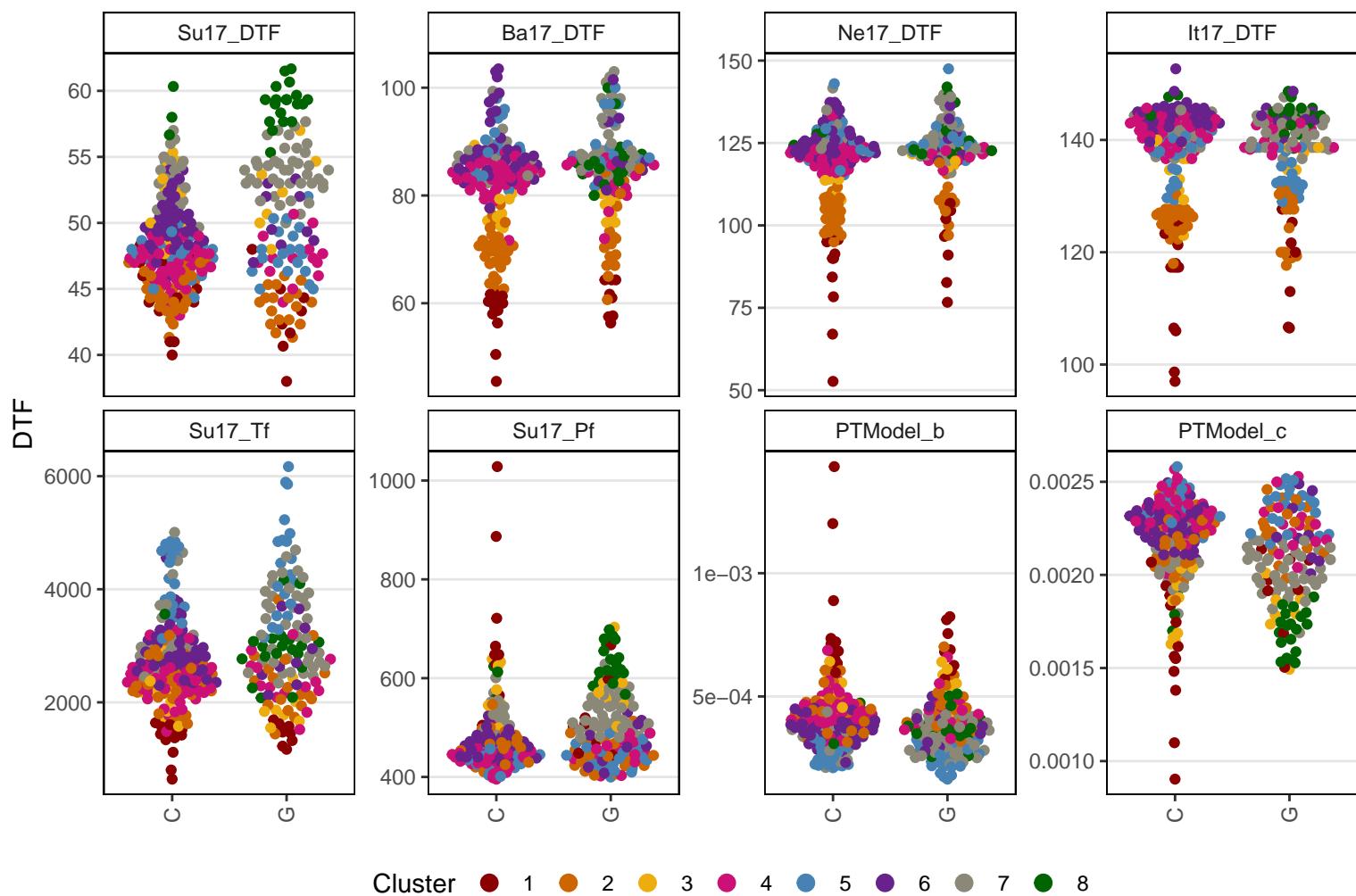
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

# Lcu.2RBY.Chr5p463754921

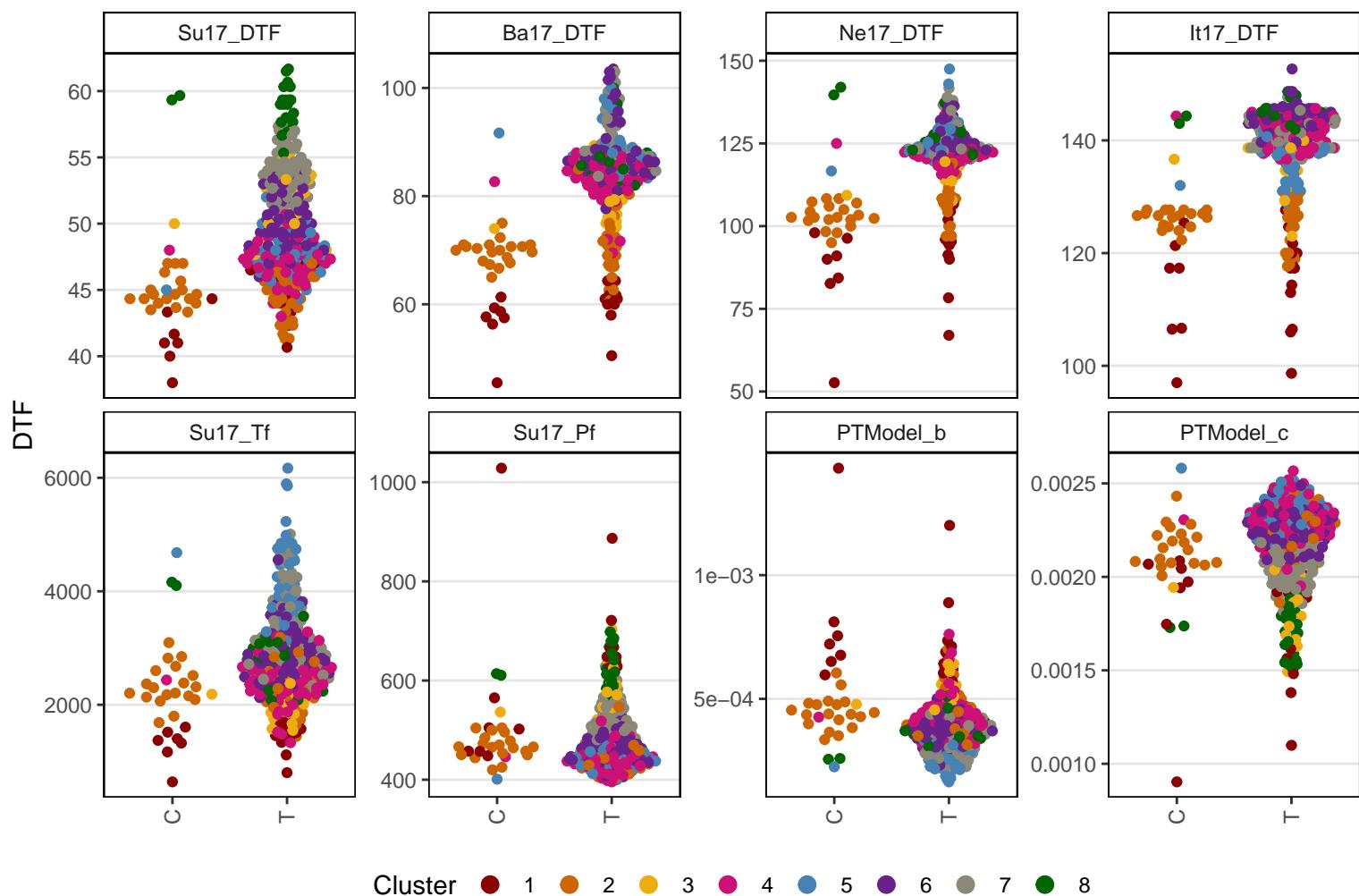


Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

# Lcu.2RBY.Chr5p464064206

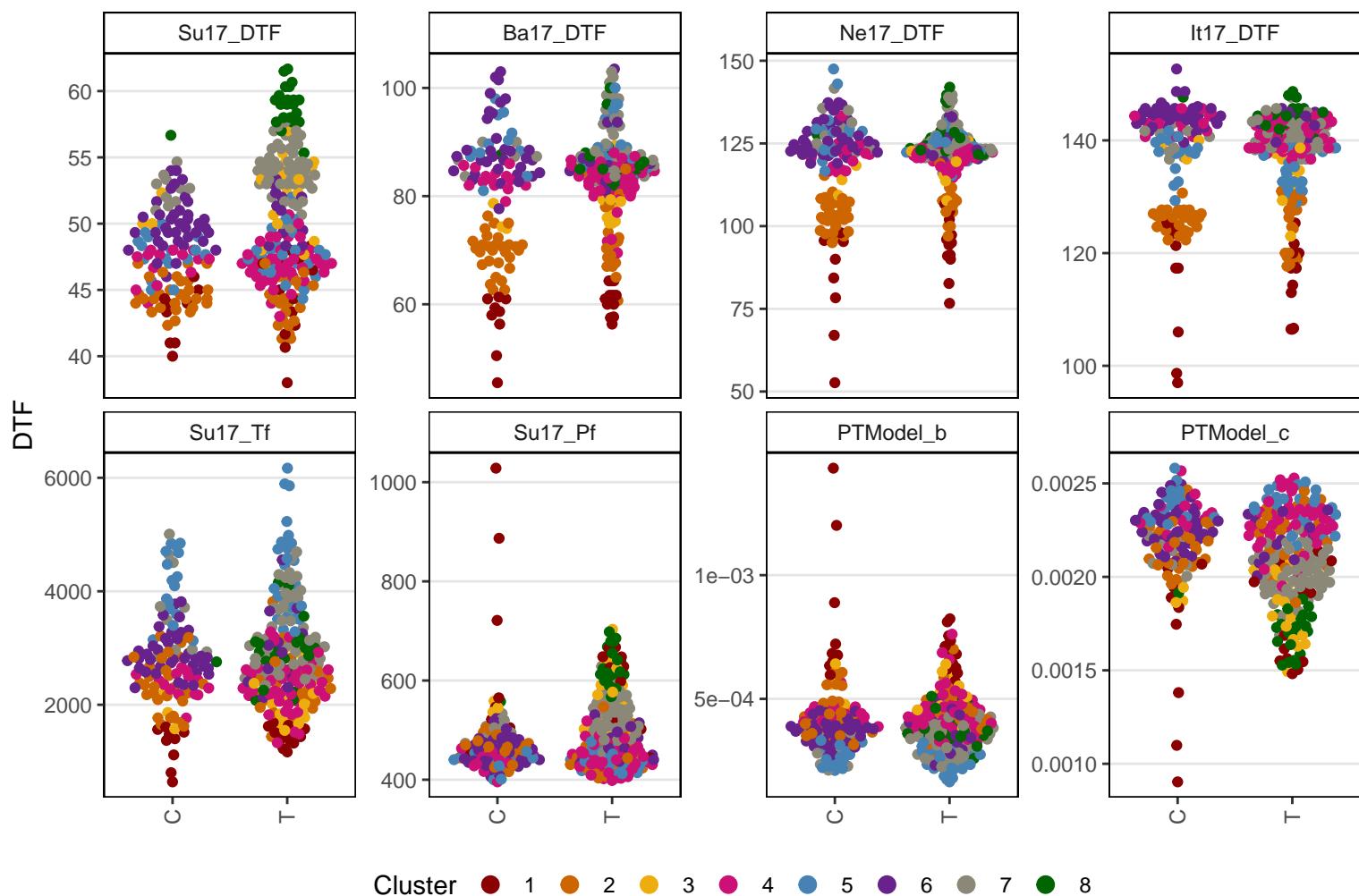


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Cluster 1 2 3 4 5 6 7 8

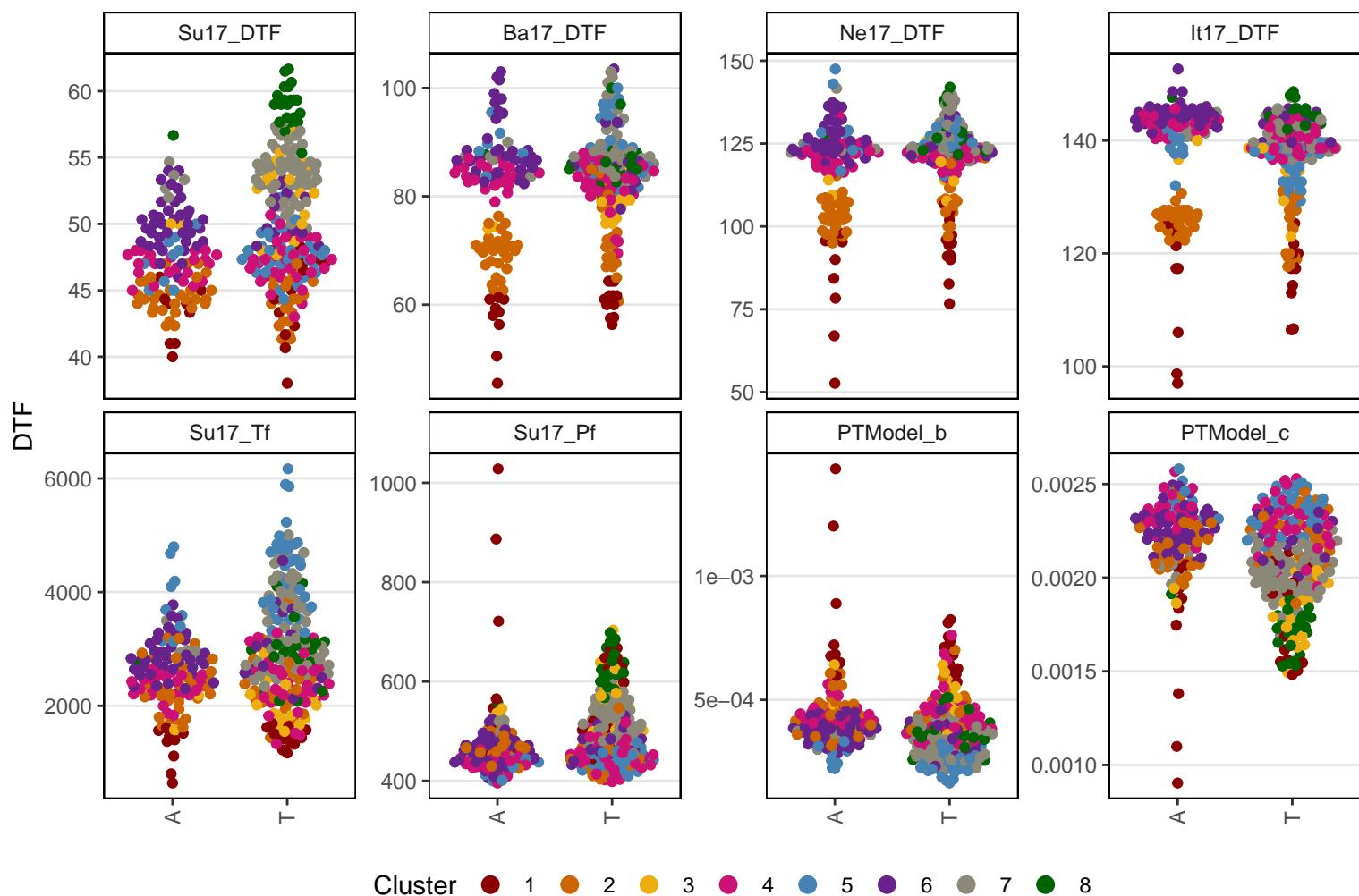
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Cluster ● 1 2 3 4 5 6 7 8

LcPIL ; Myb transcription factor €  
640904 ; 1869202

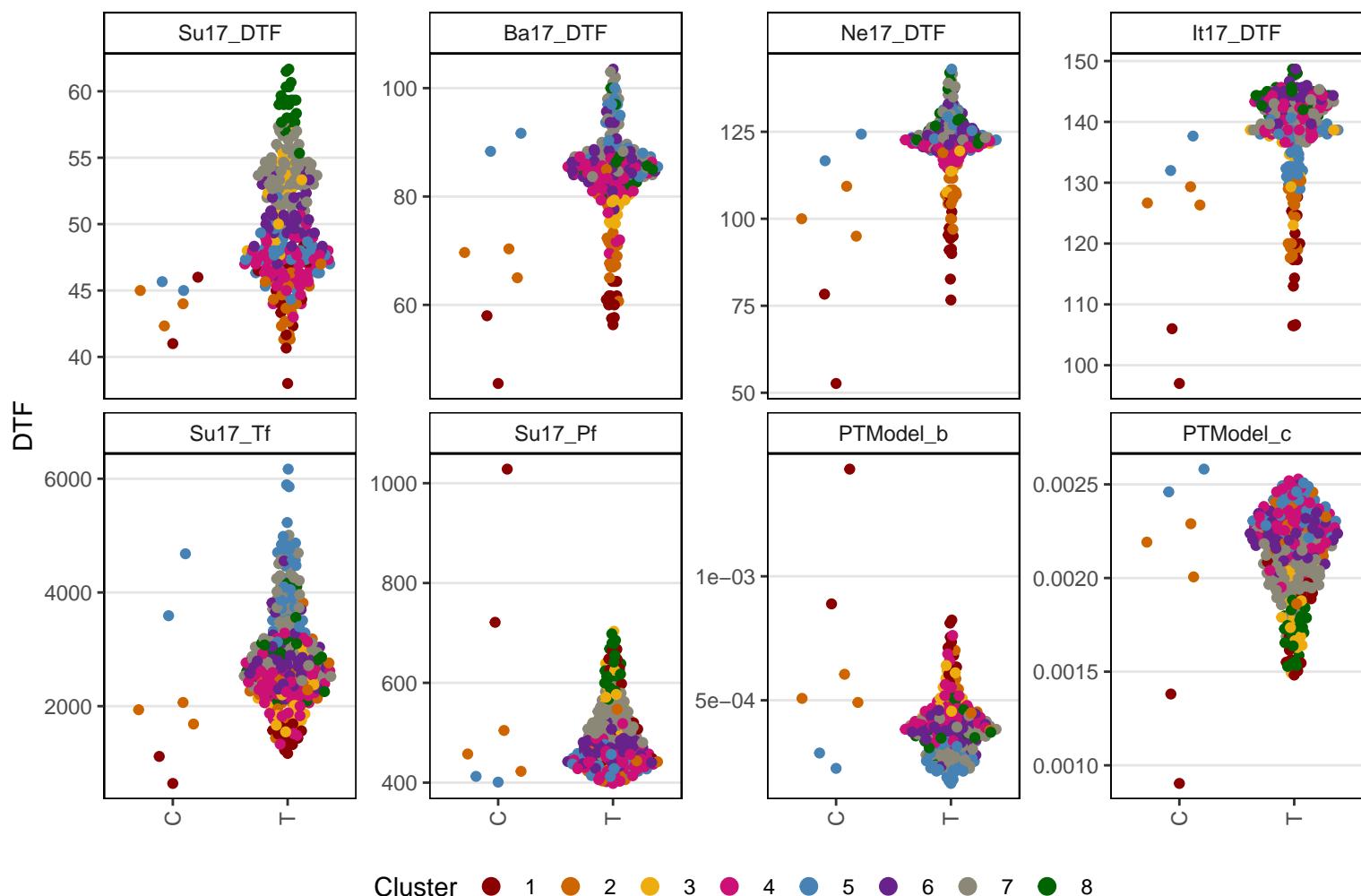
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Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

Myb transcription factor  $\epsilon$  ; LcPIL  
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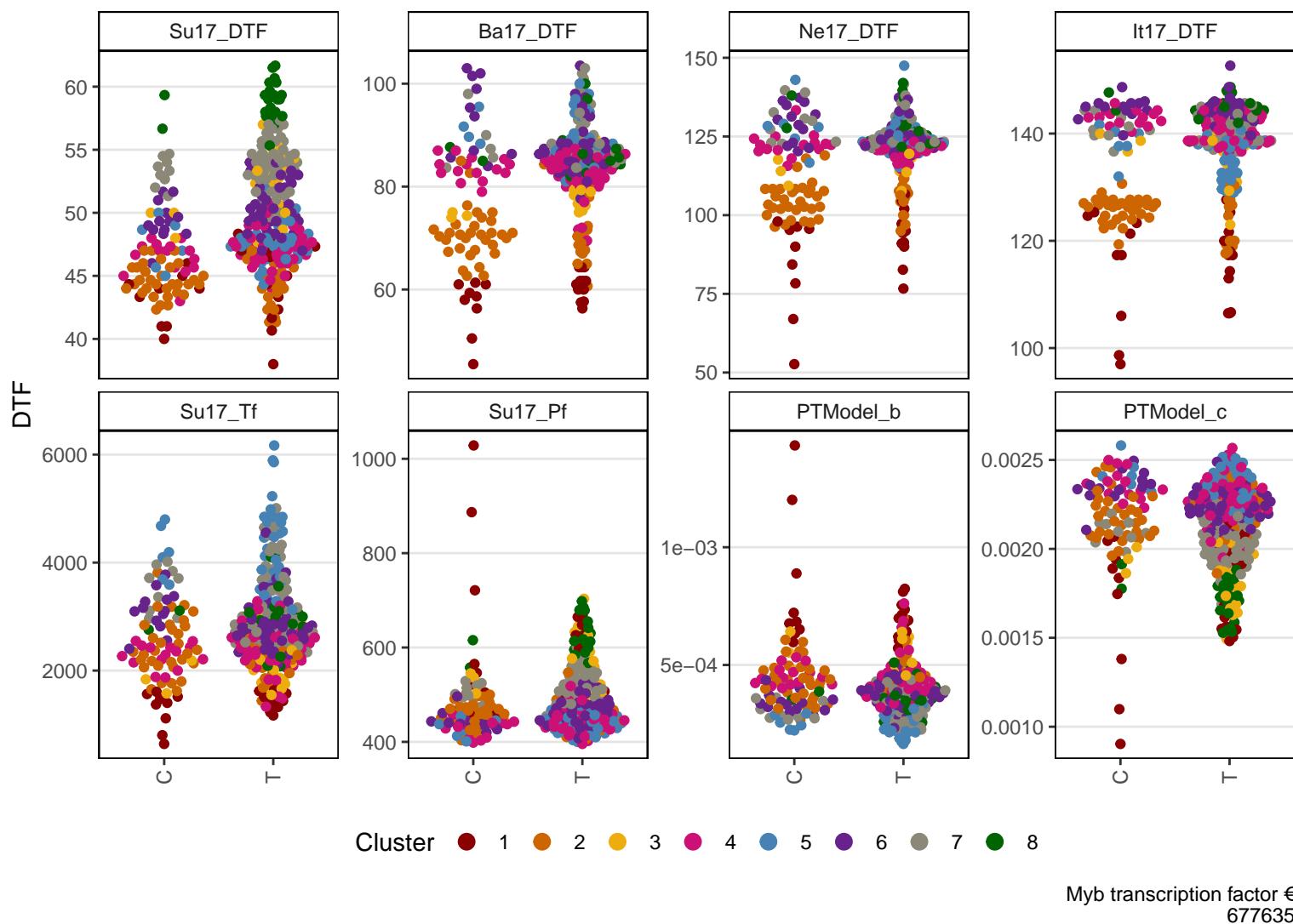
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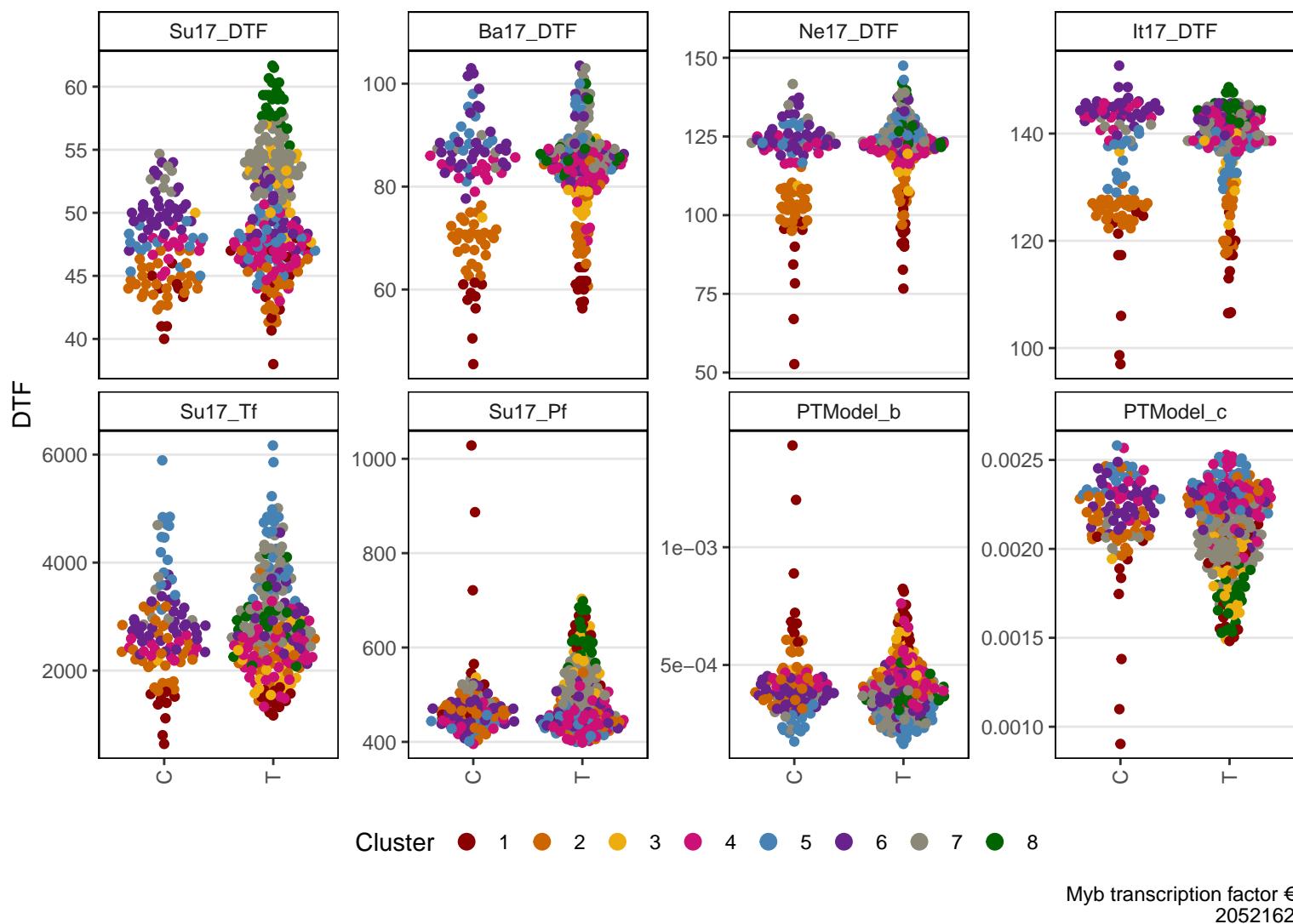
Cluster ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8

Myb transcription factor  $\epsilon$  ; LcPIL  
132067 ; 2642173

# Lcu.2RBY.Chr5p473061453



# Lcu.2RBY.Chr5p474435980



# Lcu.2RBY.Chr5p474859776

