Figure 2 - Figure Supplement 1. All 599 cells ( $445 \mathrm{LP} ; 263 \mathrm{Pbg}$ ) in their corresponding cluster

## A Cluster 1 | $1 \mathbf{w t | s O F F} \alpha$

$4 \quad 9 \quad 40$




$61 \quad 97$



130


165


186


D Cluster 4 | 37c|ON-OFF DS
$60 \quad 76$


## E Cluster 5 | 4i/4on | mini tOFF $\alpha$



28
156



 261


323


445 ｜SMI＋


118


121


157


158


＊




## G Cluster 7 | 5to

## 6



17


59


89


11109
134


相


$88 \quad 90$



| J | Cluster $\mathbf{1 0 \| 6 s n}$ |
| :--- | ---: |
| 7 | 8 |

##  <br> 241



476


565


粦





$29 \quad 37$


236


## $x^{*}$



115


260


365 | SMI-

119


296



O Cluster-1|1ni|OFF Step
79 151 639
639


P Cluster-2|2o| G5b,c 337


Q Cluster-3|25
428
472
554
736

$R \quad$ Cluster -4 | 28
218394


584


$$
491
$$

561

167 363

703 | SMI-


T Cluster -6 | 30
269



V Cluster -8|72
105


X Cluster -9|73| OND
102120
137
287


Y Cluster - 10 | 81 i
275
423


Z Cluster - 11 | $82 n$


AA Cluster-12|82wi| vOS
615 |CART-



CC Cluster-14|9w|M2
633 |CART-


DD Cluster-15|91
214409 692


EE Cluster-16|915
433| SMI
465 | SMI-
745 | SMI-

$\begin{array}{cc}\text { FF } & \text { Cluster -17 | Fbistrat | } \\ 550\end{array}$
599


