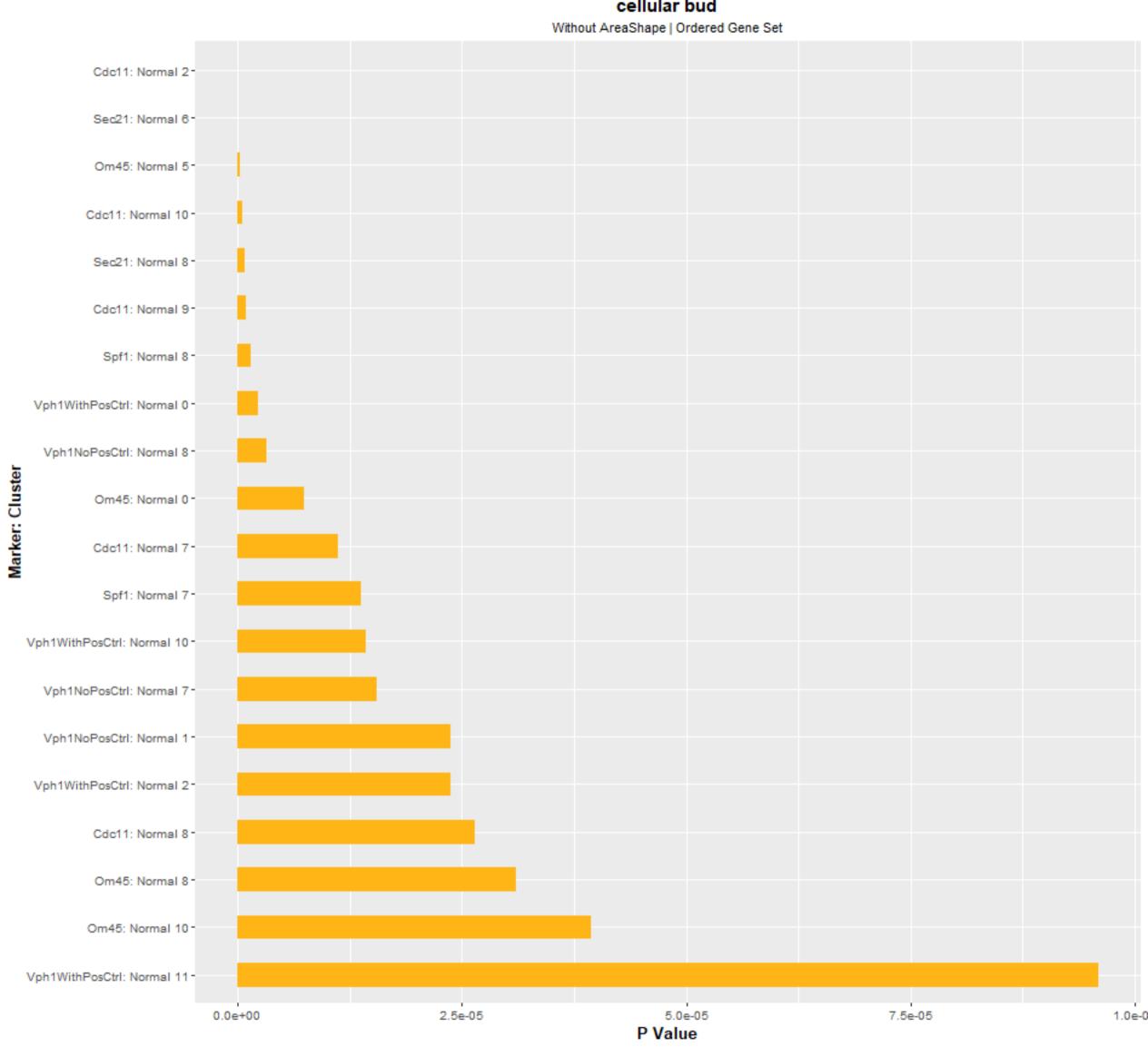


cell wall Without AreaShape | Ordered Gene Set Marker: Cluster: Copposite Cluster: Cluster: Cluster: 0.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.0 0.000 0.001 0.002 P Value

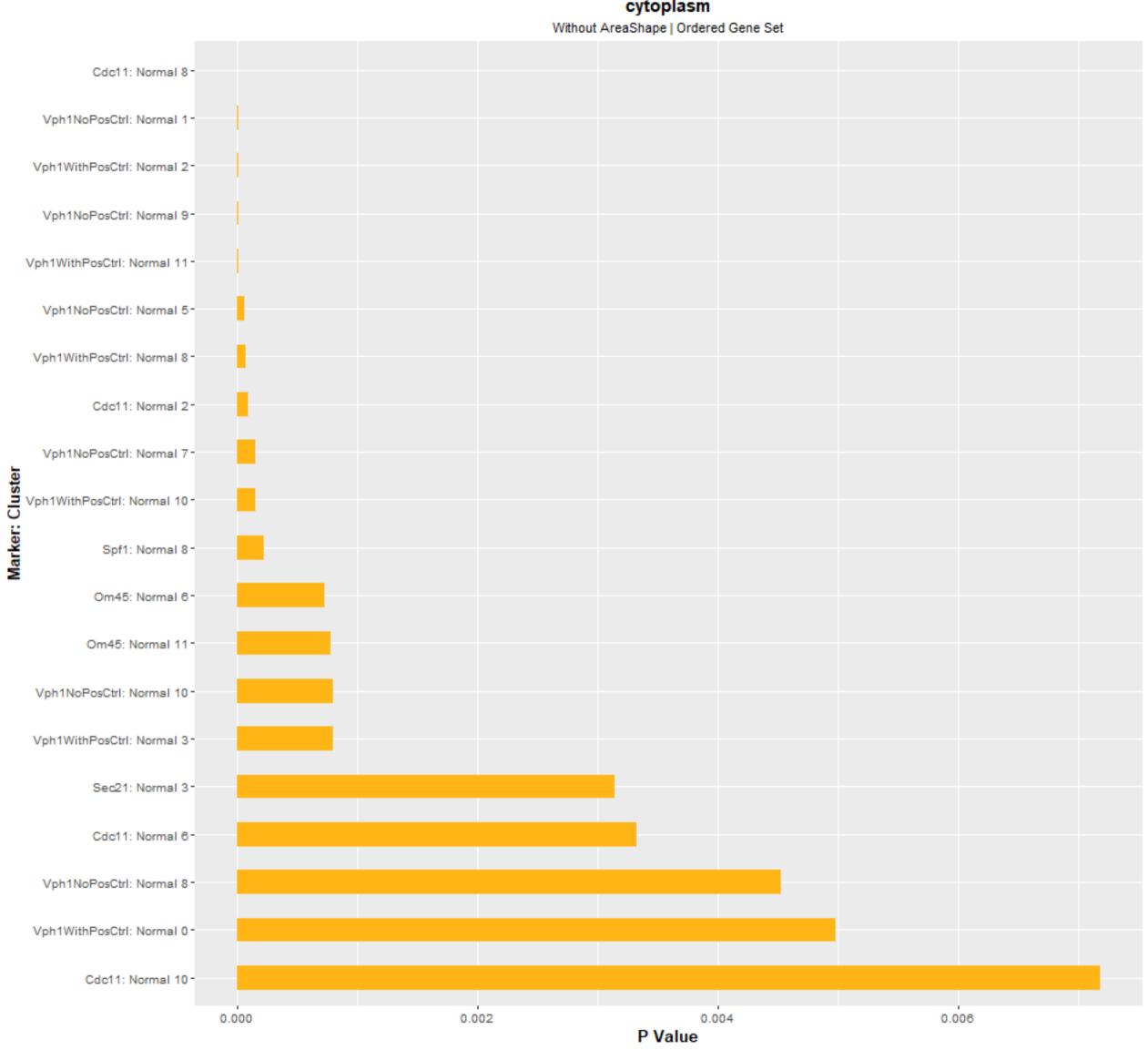
cellular bud



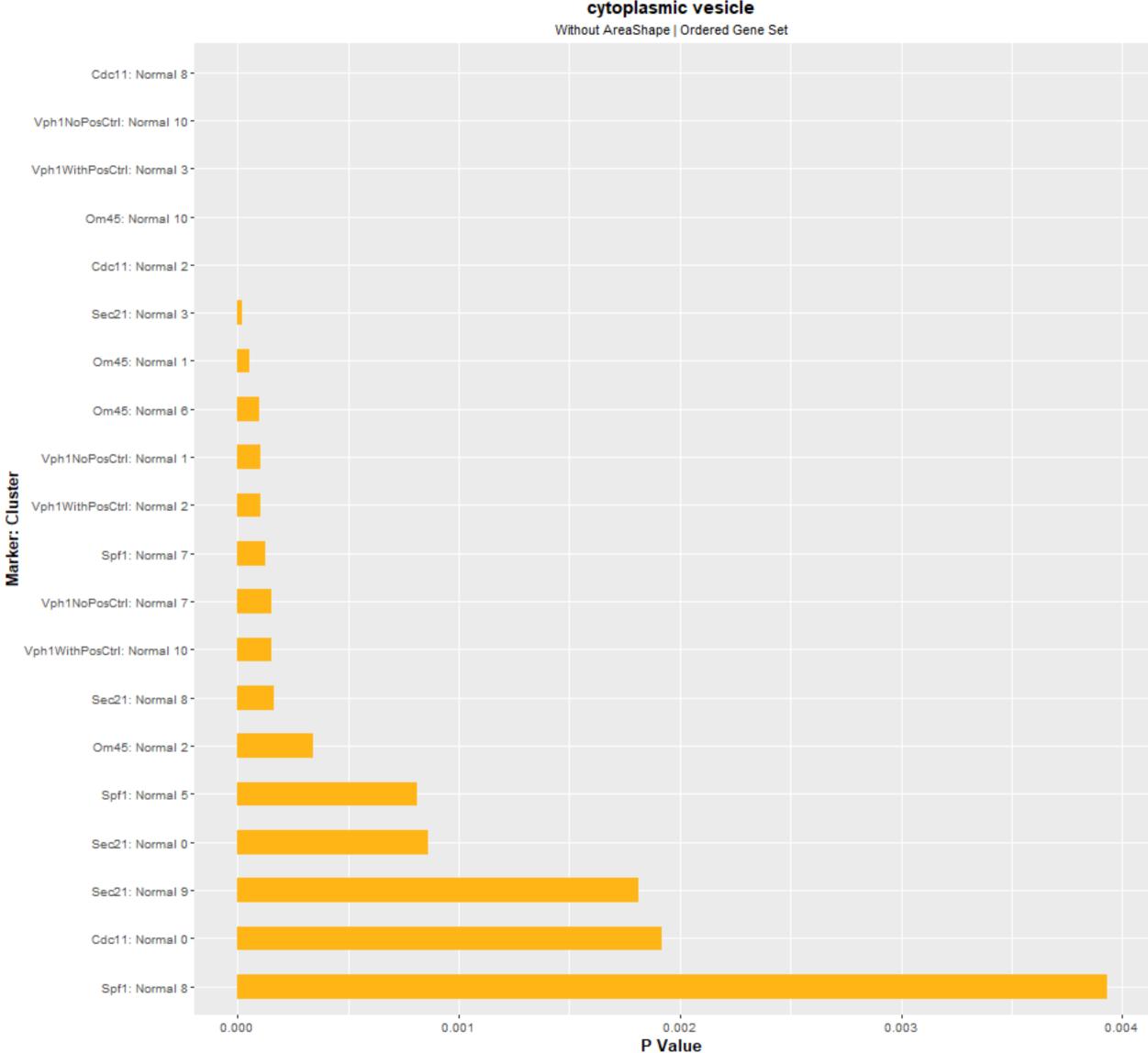
Marker: Cluster

chromosome Without AreaShape | Ordered Gene Set Om45: Normal 9 -Cdc11: Normal 1-Om45: Normal 31 Cdc11: Normal 31 Sec21: Normal 0 -Sec21: Normal 7 -Om45: Normal 8 -Cdc11: Normal 9 -Spf1: Normal 7 -Spf1: Normal 9 -Sec21: Normal 91 Sec21: Normal 8 -Om45: Normal 7 -Om45: Normal 10 -Cdc11: Normal 7 -Vph1NoPosCtrl: Normal 1 -Vph1WithPosCtrl: Normal 2 -Om45: Normal 1-Vph1NoPosCtrl: Normal 7 -Vph1WithPosCtrl: Normal 10 -0e+00 1e-07 2e-07 3e-07 4e-07 P Value

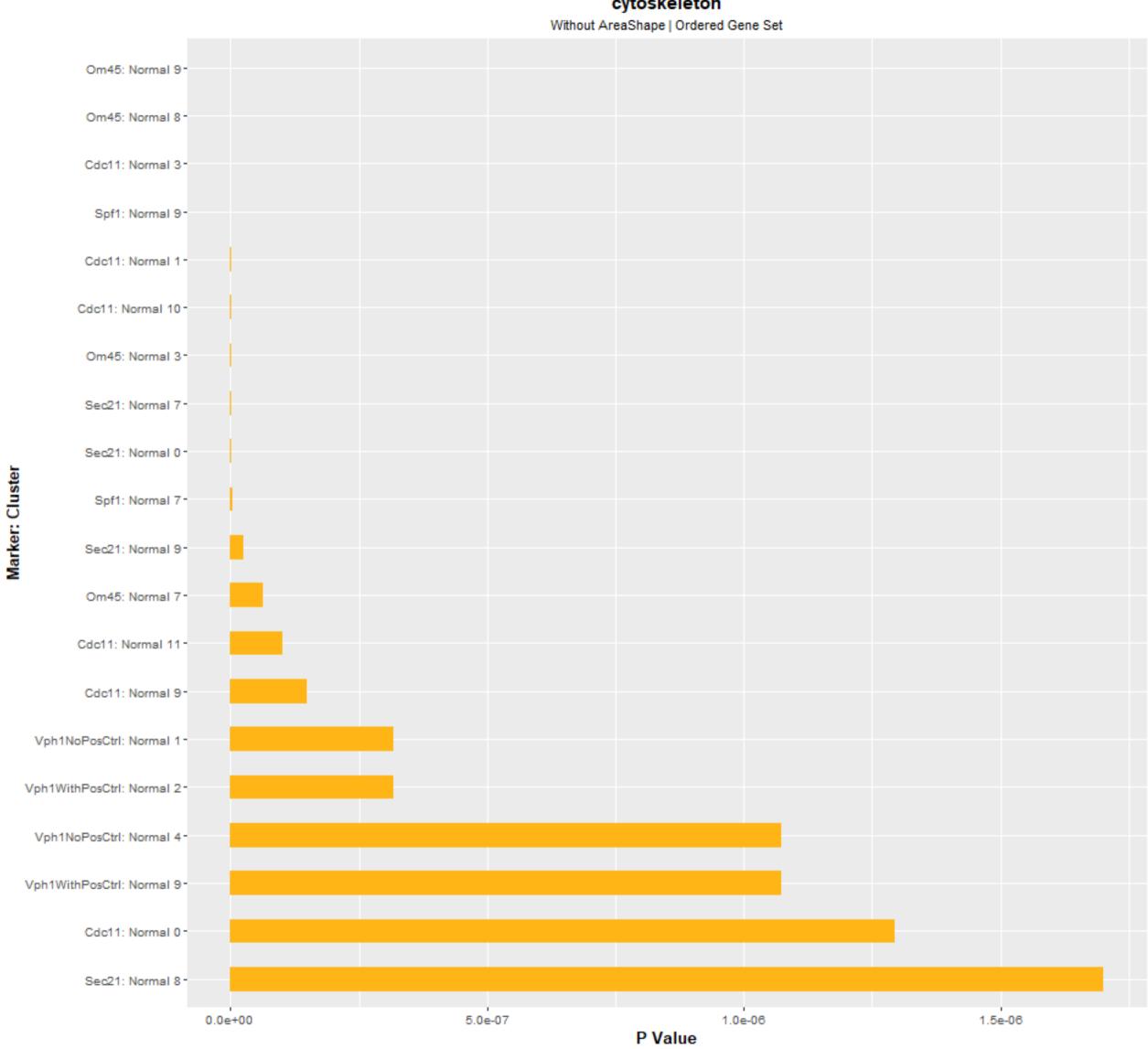
cytoplasm

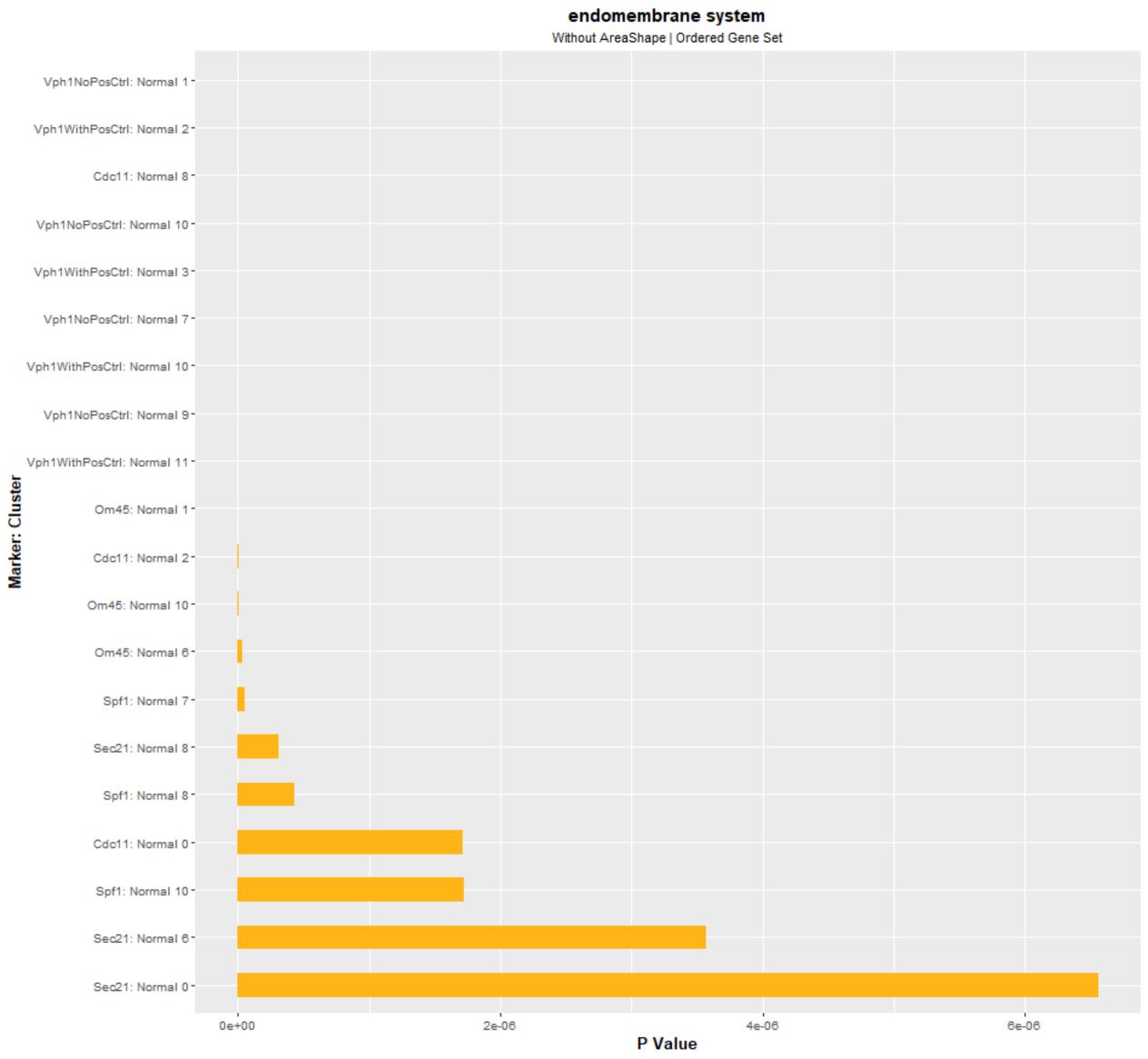


cytoplasmic vesicle

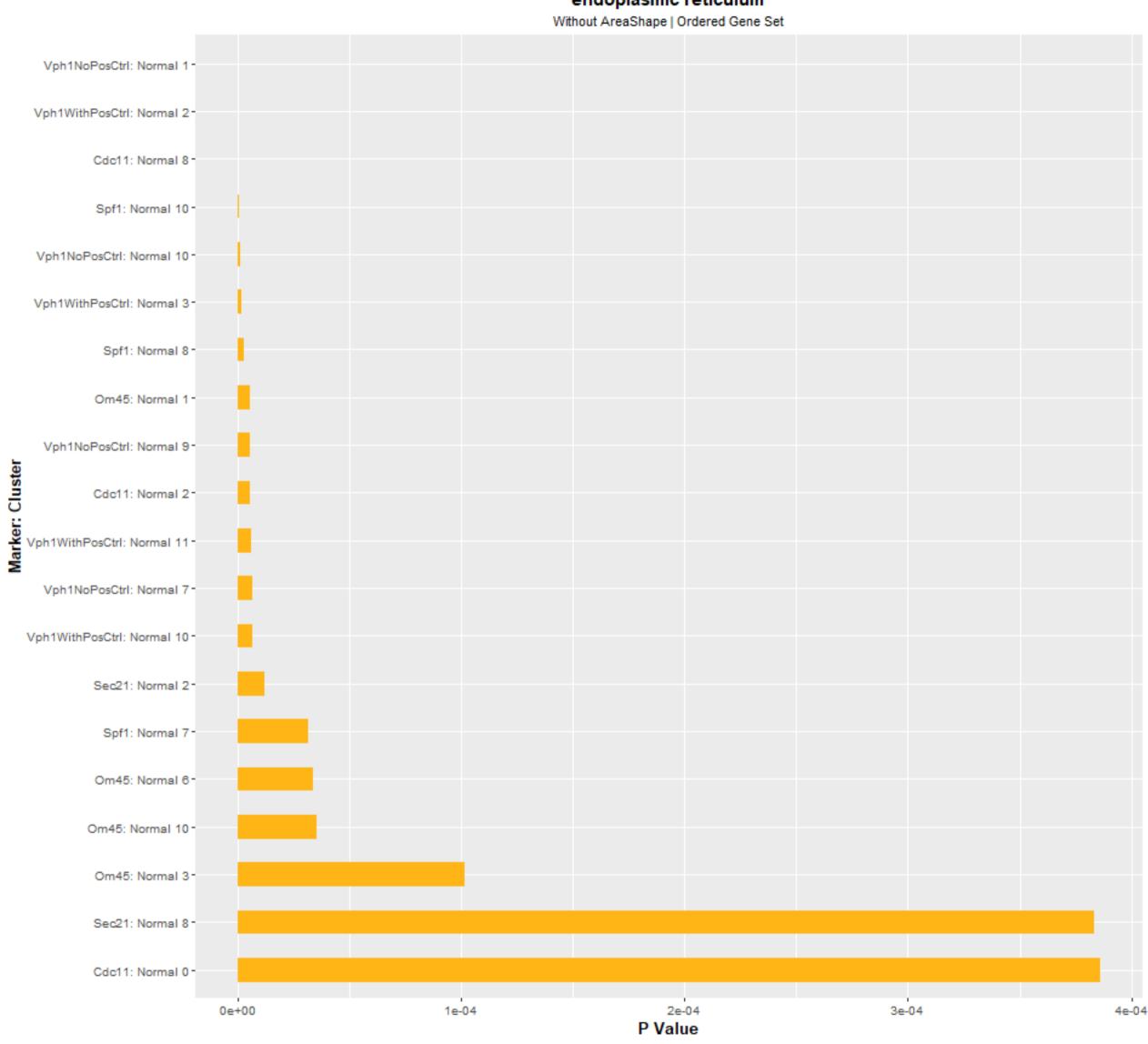


cytoskeleton

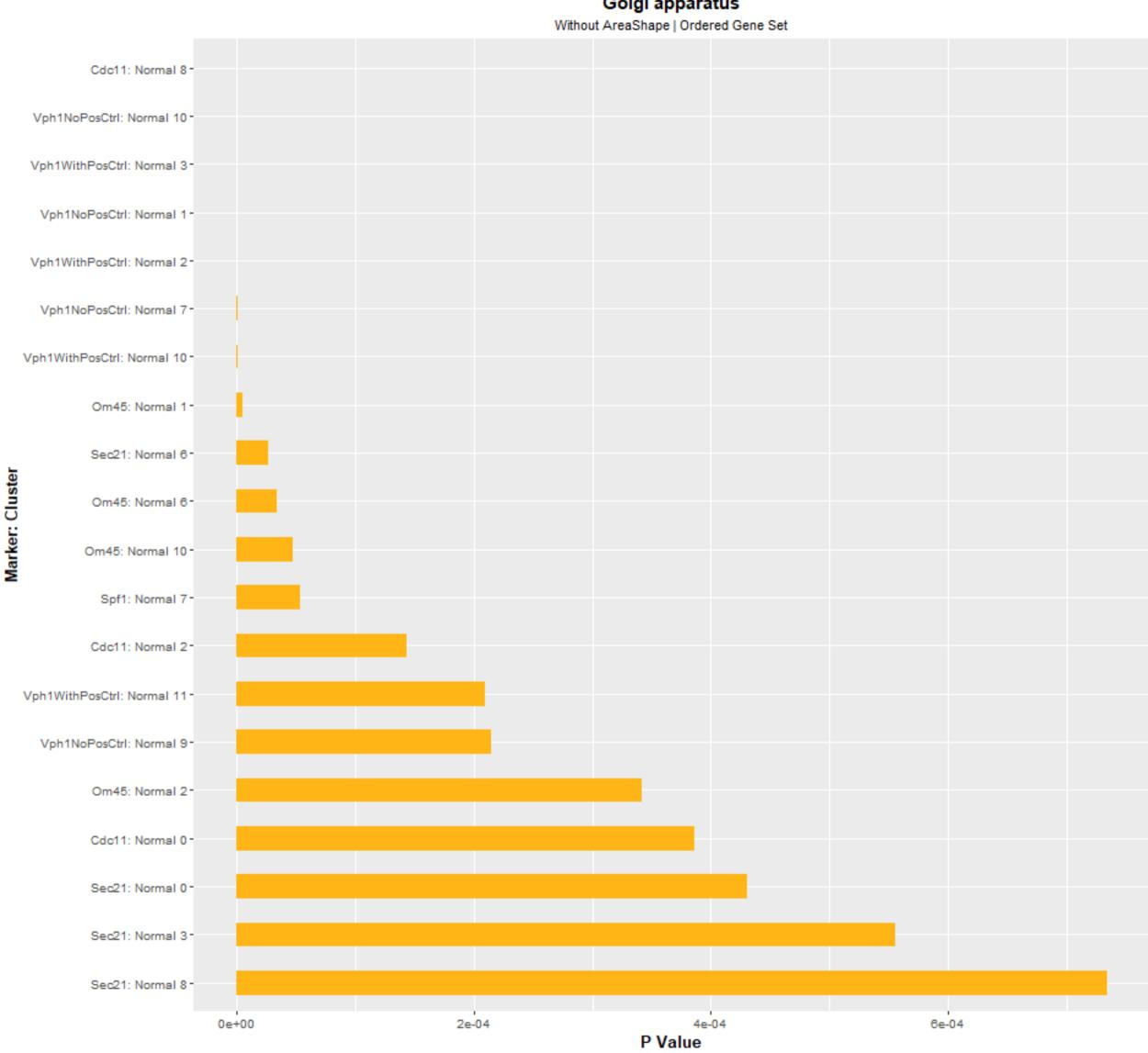




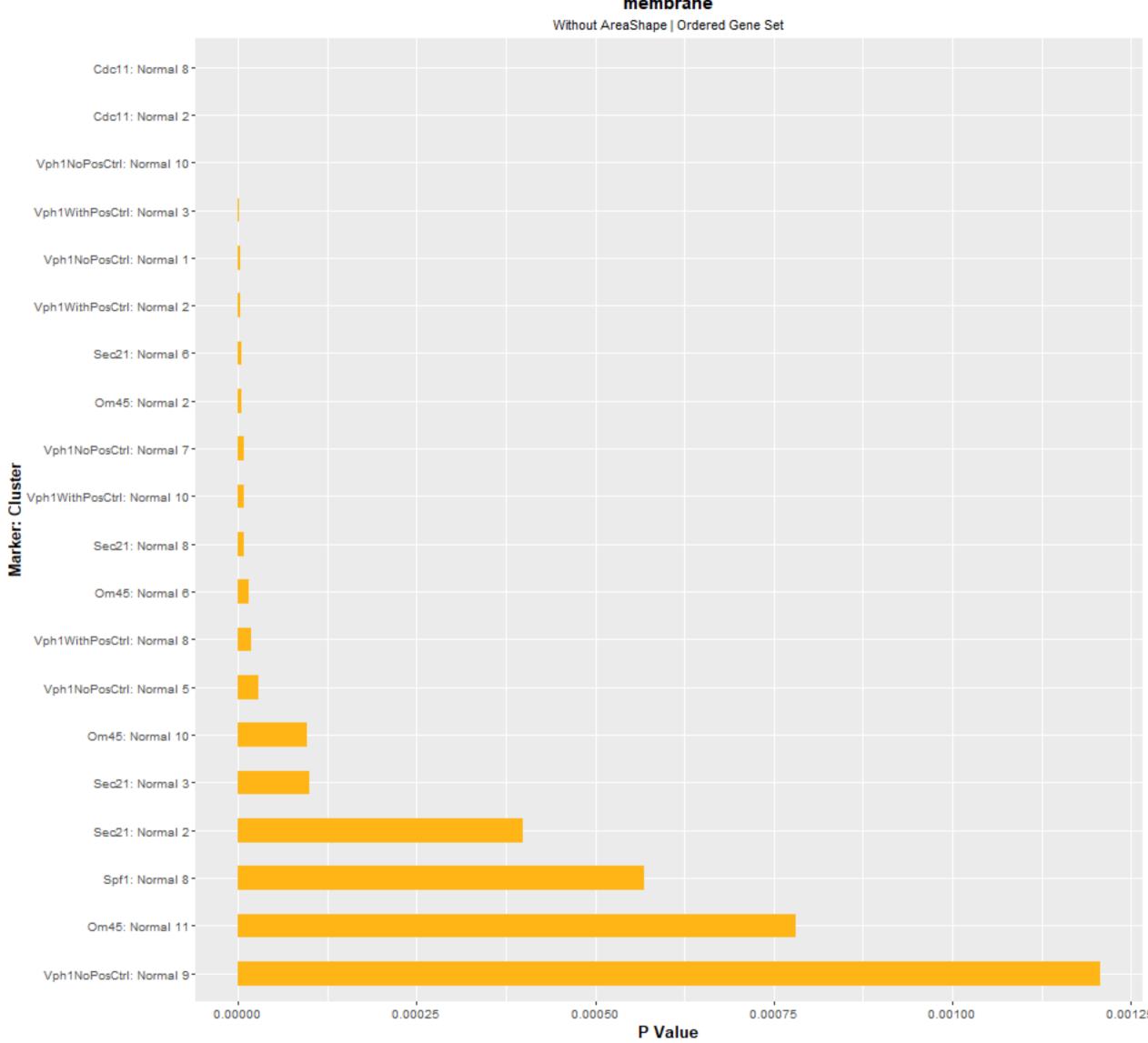
endoplasmic reticulum



Golgi apparatus



membrane



microtubule organizing center Without AreaShape | Ordered Gene Set

6e-05

8e-05

4e-05

P Value

Cdc11: Normal 3-

Om45: Normal 9 -

Spf1: Normal 9 -

Cdc11: Normal 1-

Spf1: Normal 7-

Sec21: Normal 0 -

Om45: Normal 8 -

Sec21: Normal 7 -

Sec21: Normal 9 -

Om45: Normal 31

Cdc11: Normal 9 -

Cdc11: Normal 7 -

Cdc11: Normal 11-

Cdc11: Normal 10 -

0e+00

2e-05

Vph1NoPosCtrl: Normal 1 -

Vph1WithPosCtrl: Normal 2 -

Vph1NoPosCtrl: Normal 7 -

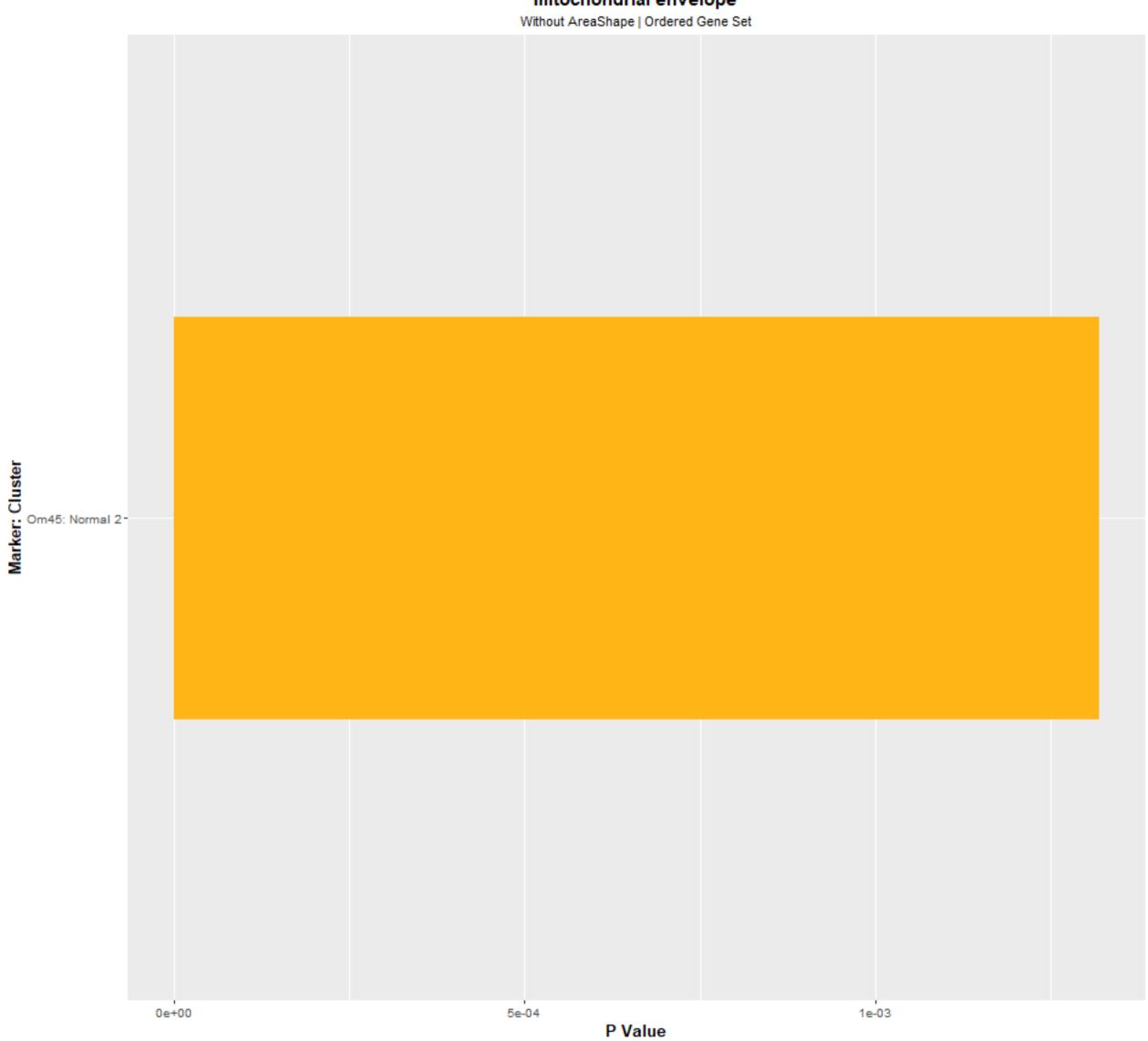
Vph1WithPosCtrl: Normal 10 -

Vph1NoPosCtrl: Normal 4-

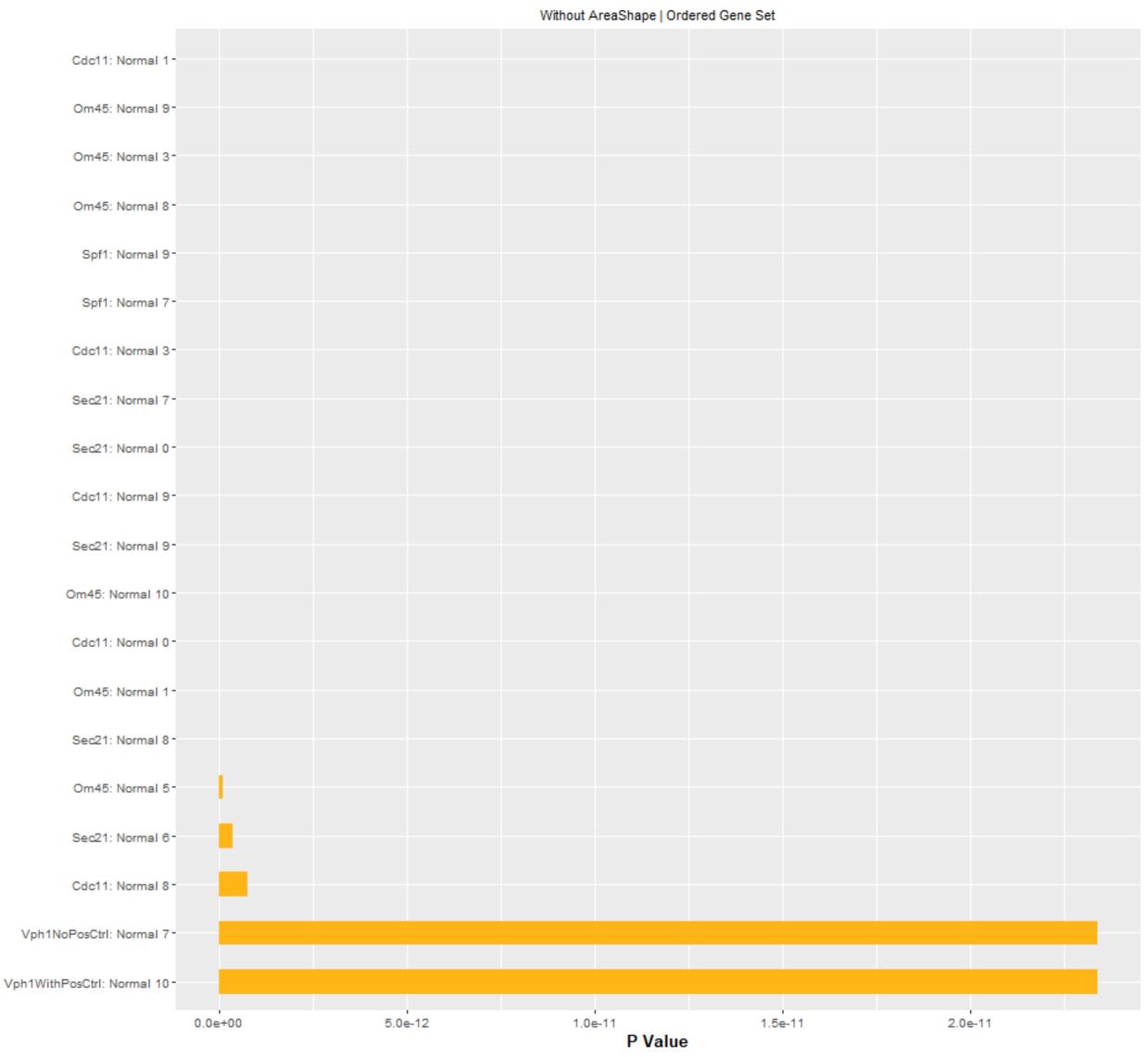
Vph1WithPosCtrl: Normal 9 -

Marker: Cluster

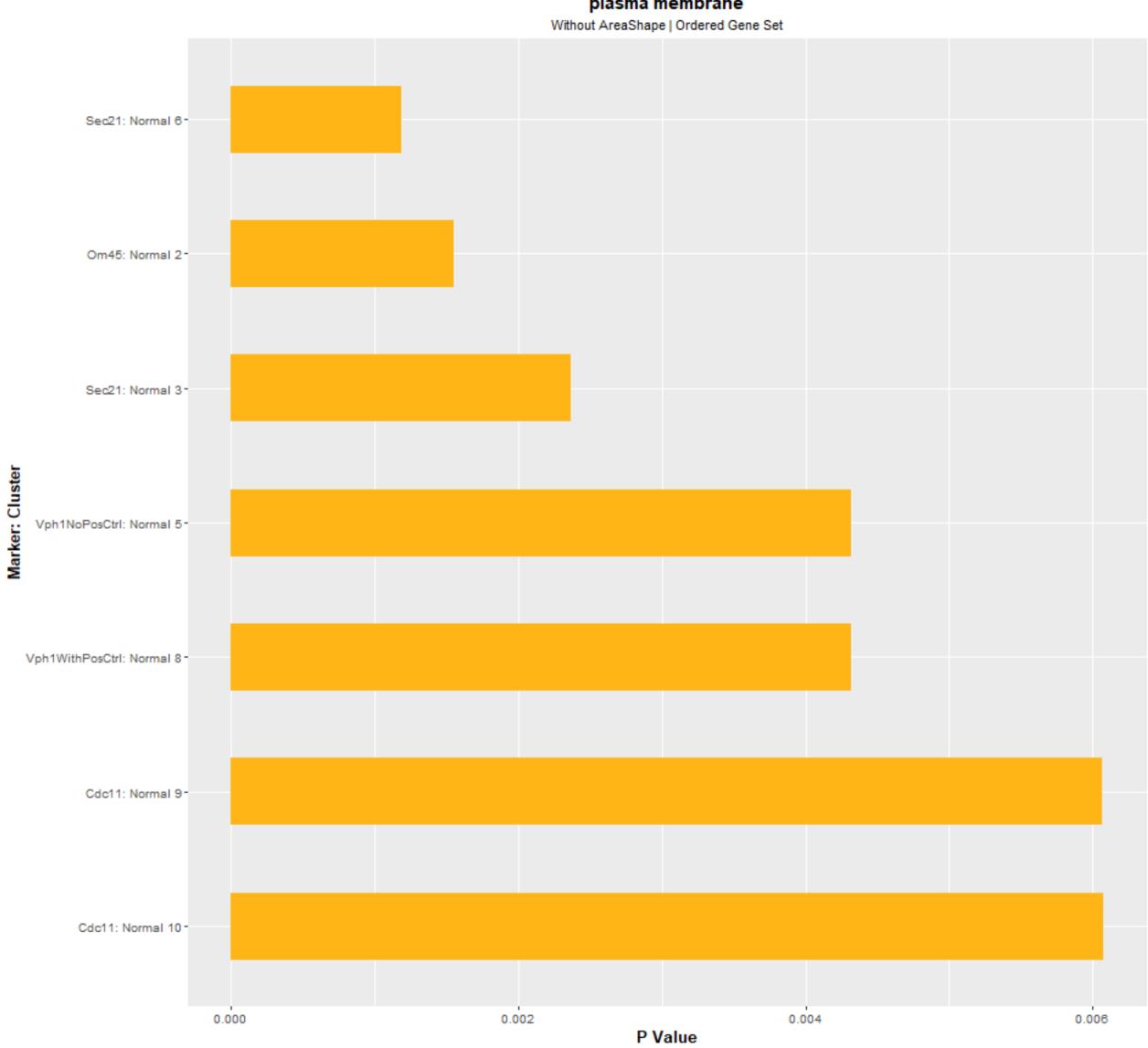
mitochondrial envelope



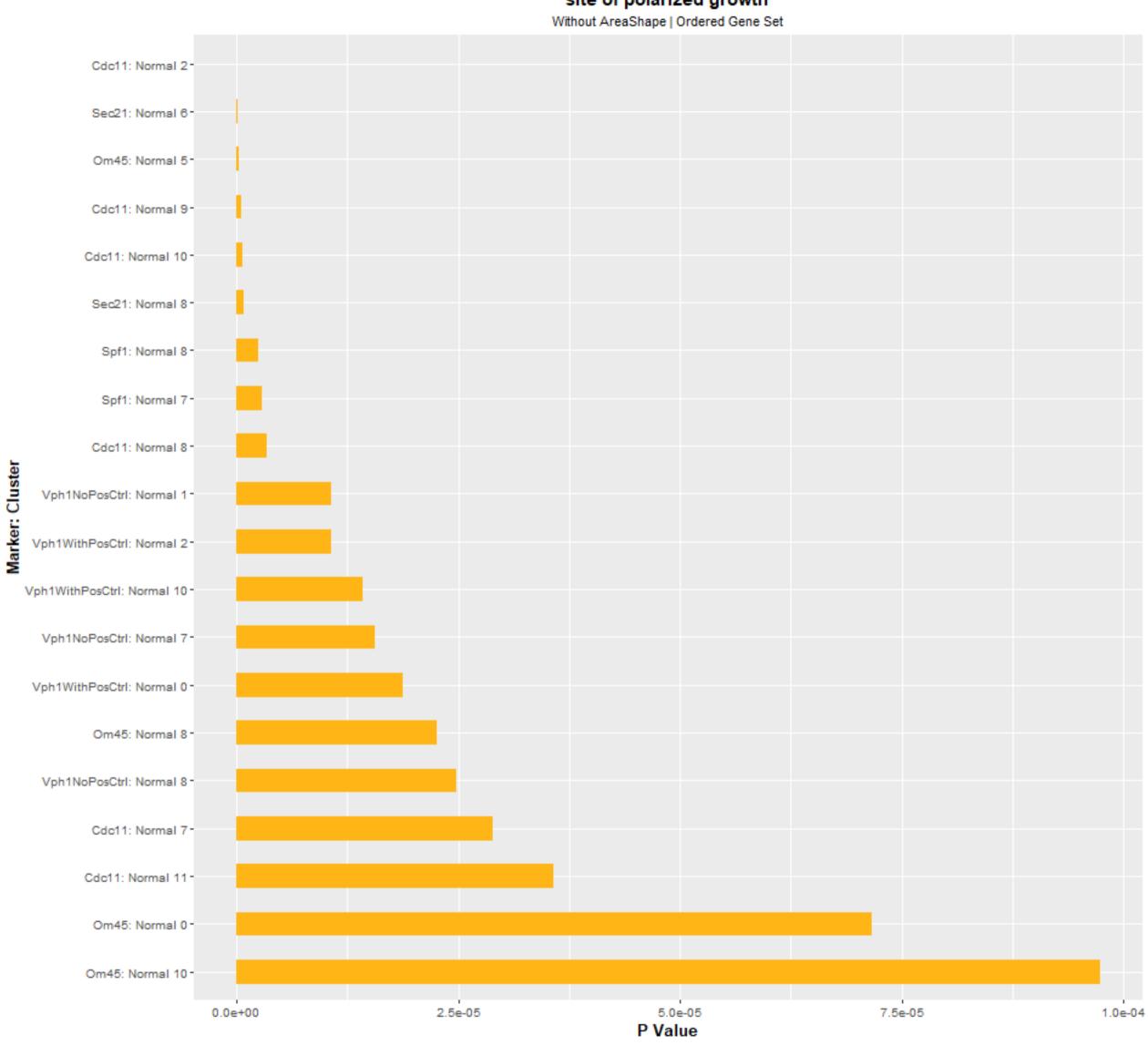
nucleus



plasma membrane



site of polarized growth



vacuole

