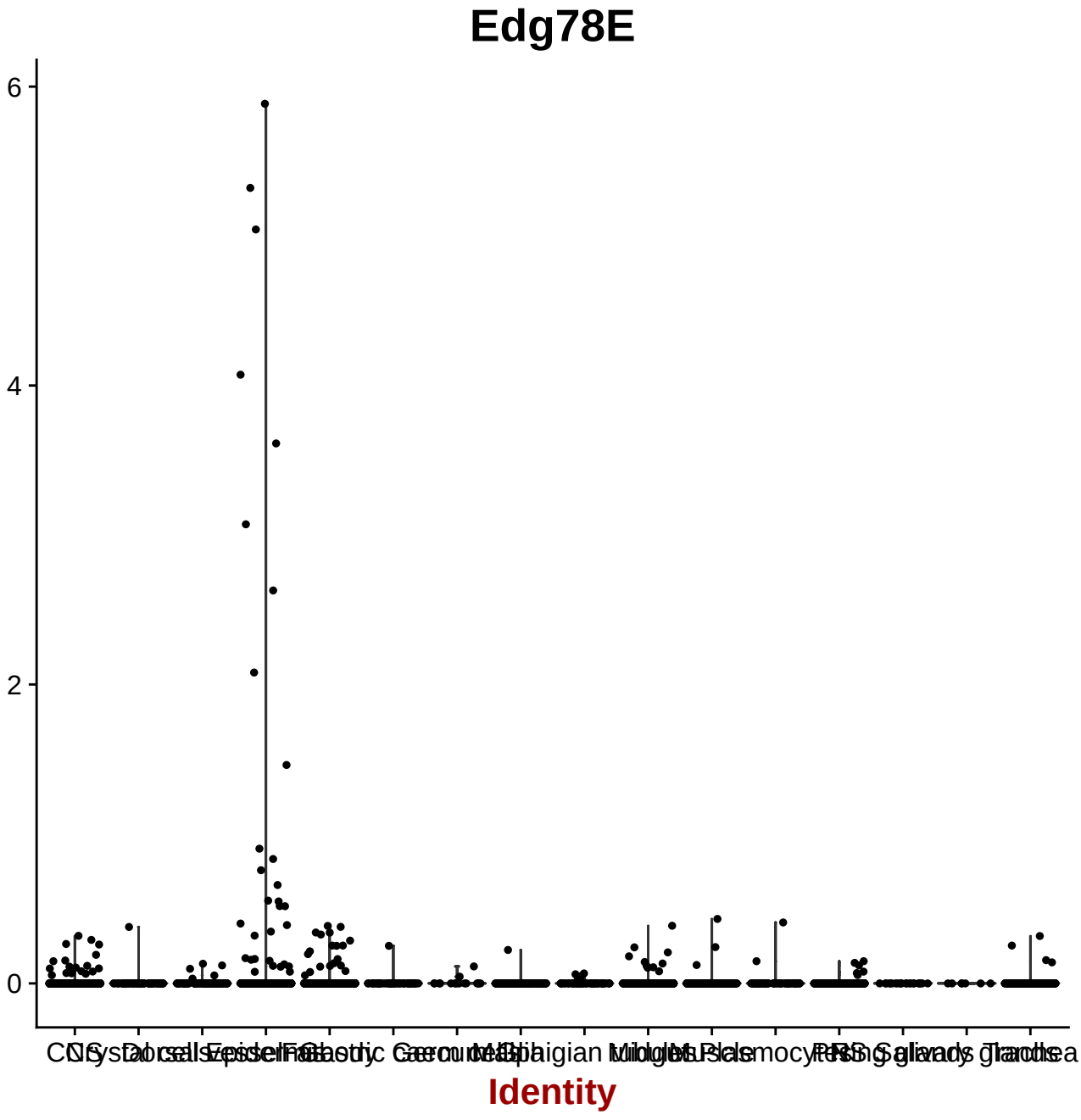
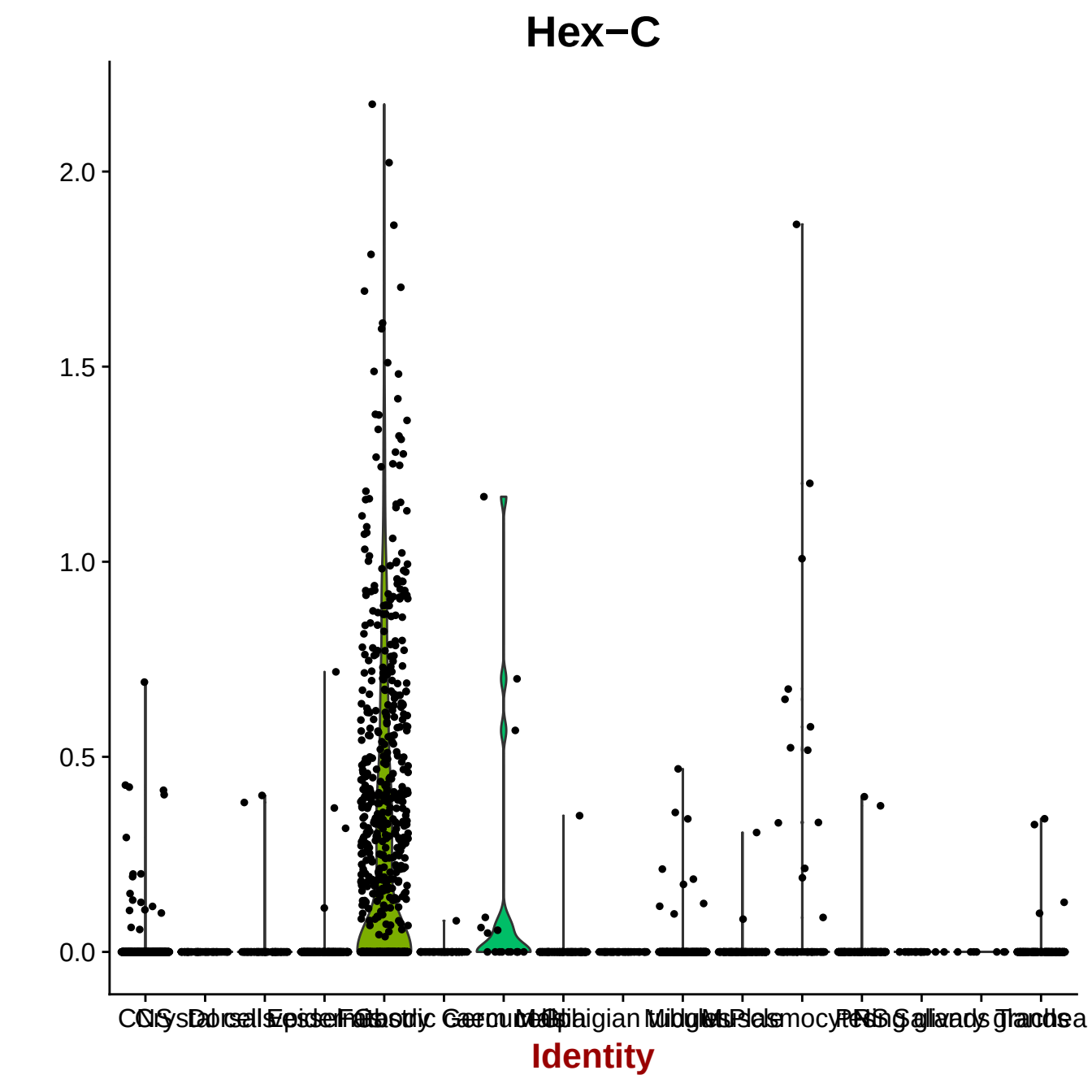

Edg78E
6
4
2
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caecum
Malpighian tubules
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity


Hex−C
2.0
1.5
1.0
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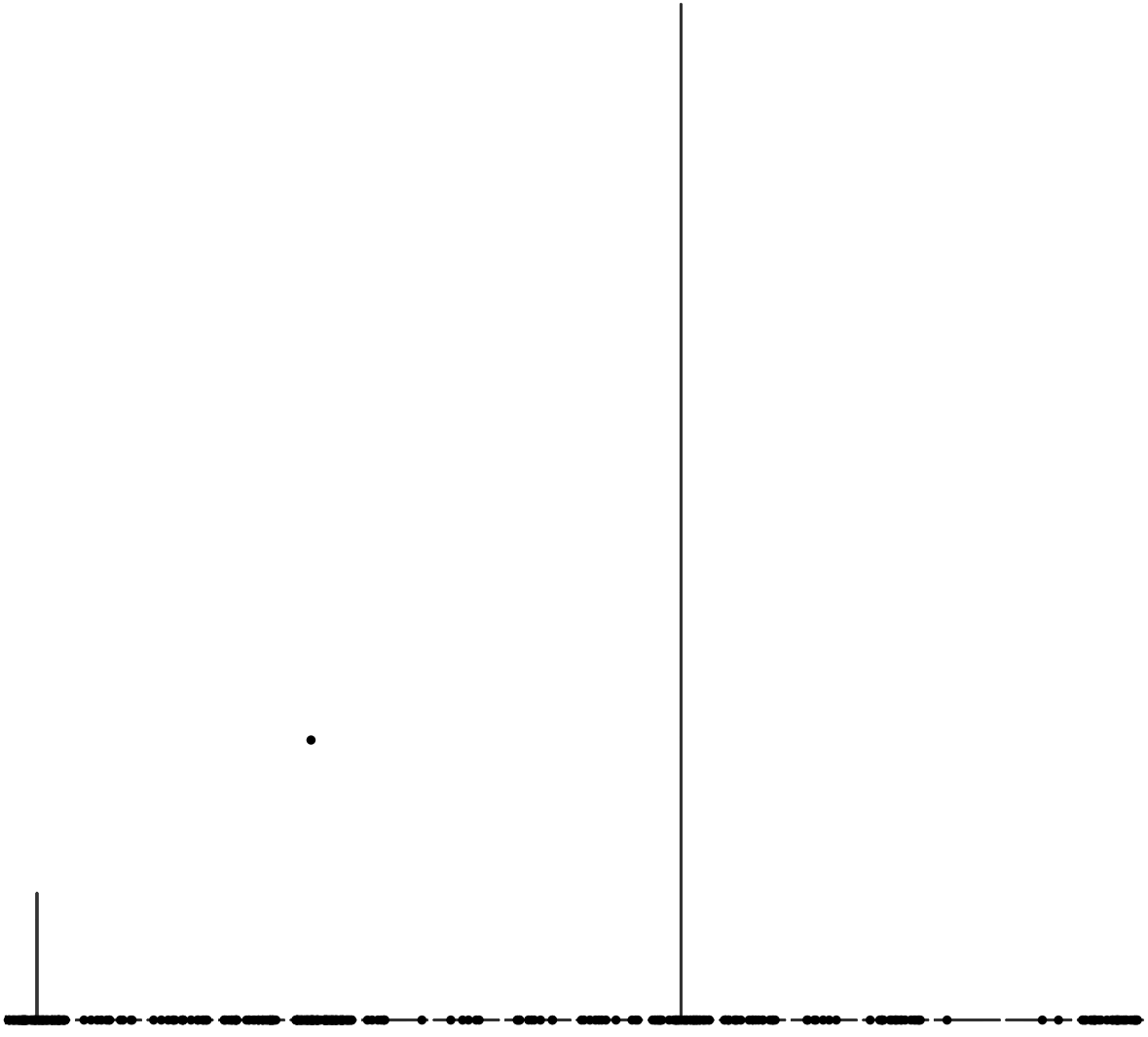
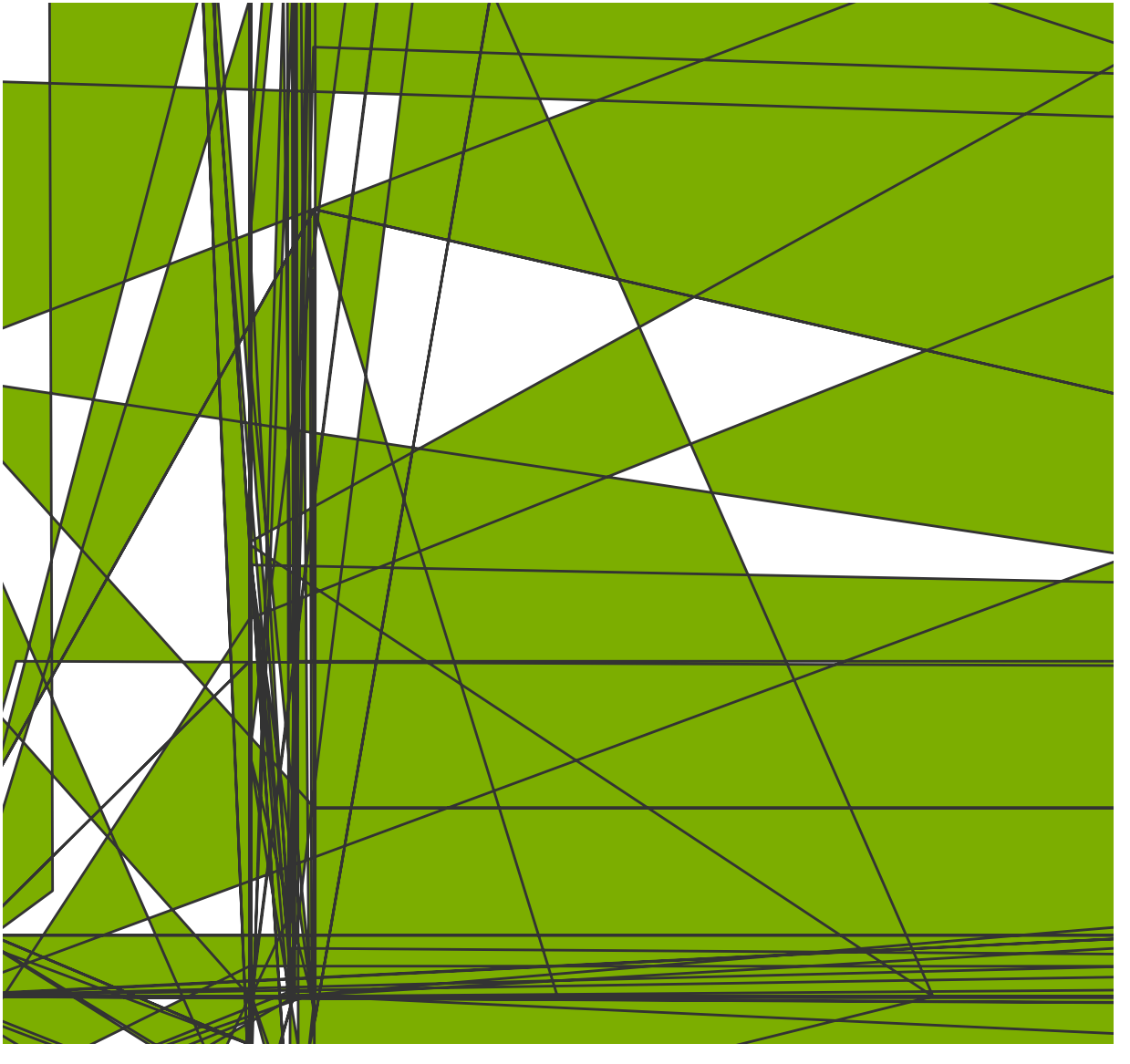
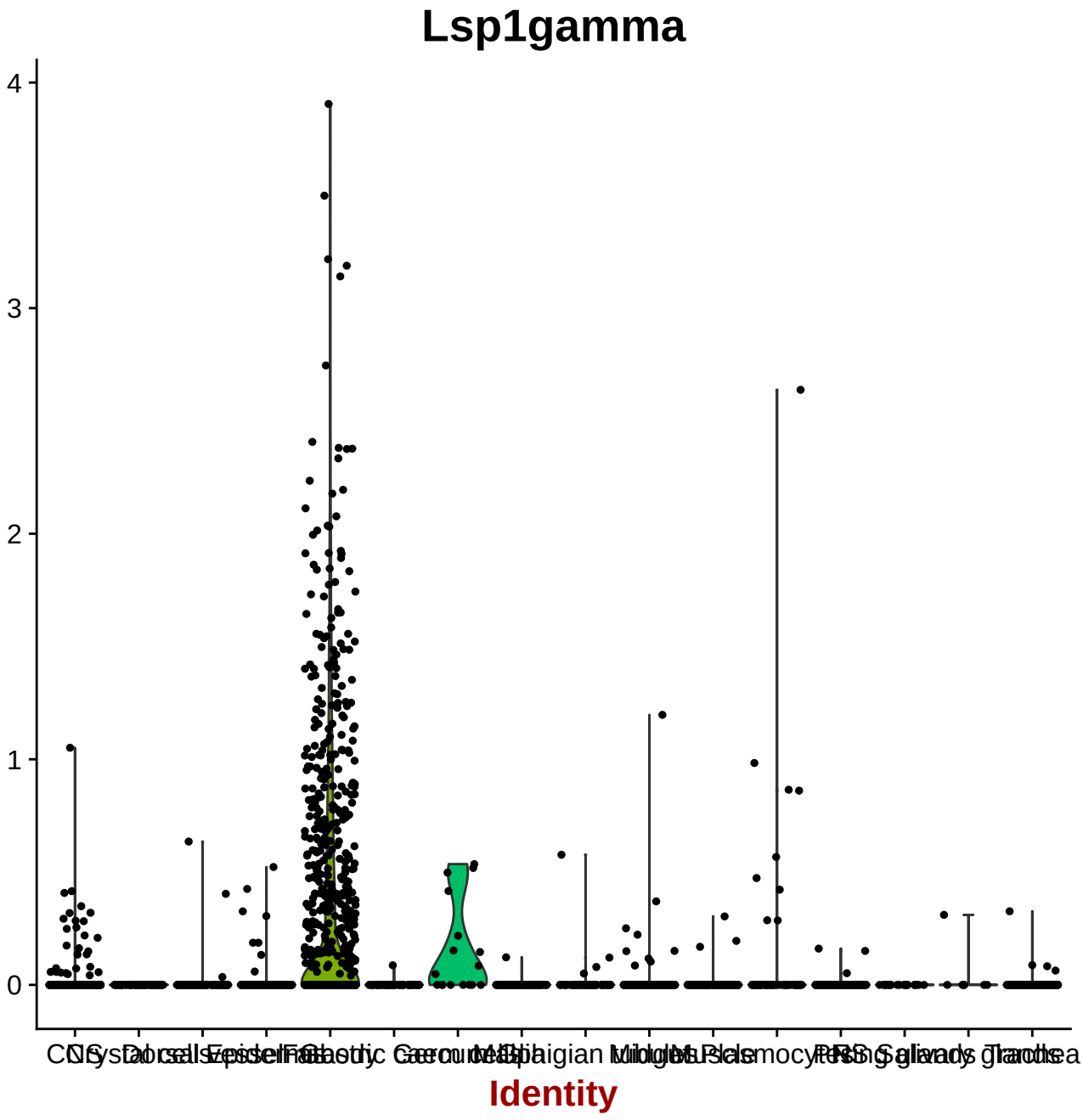
0.0
Identity






Lsp1gamma
4
3
2
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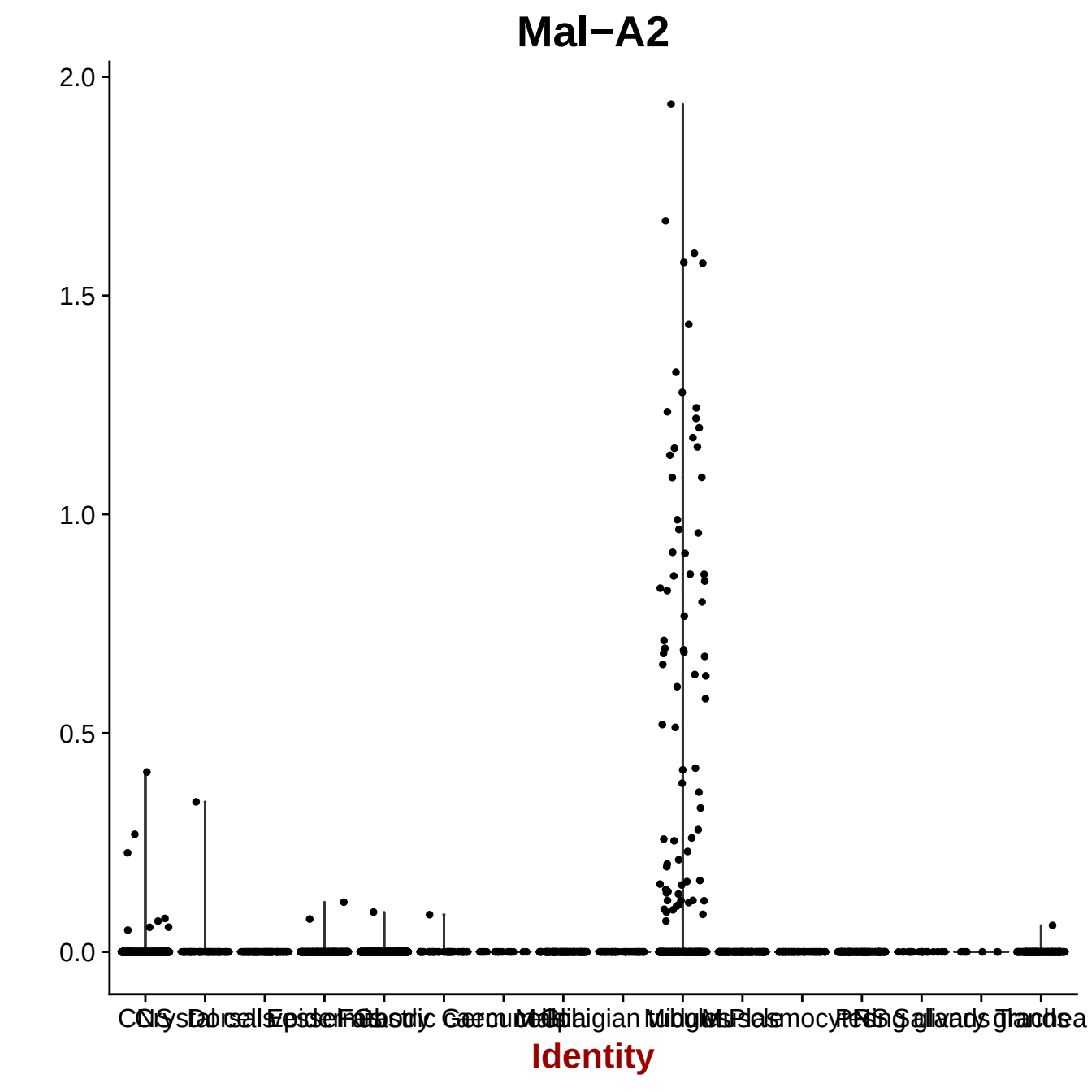
CNS
Dorsal Epidermis
Vessel
Elastic
Carotid
Pharyngian
Muscle
Plasmocytes
PRS
Salivary
Trachea
Identity


Mal−A2
2.0
1.5
1.0
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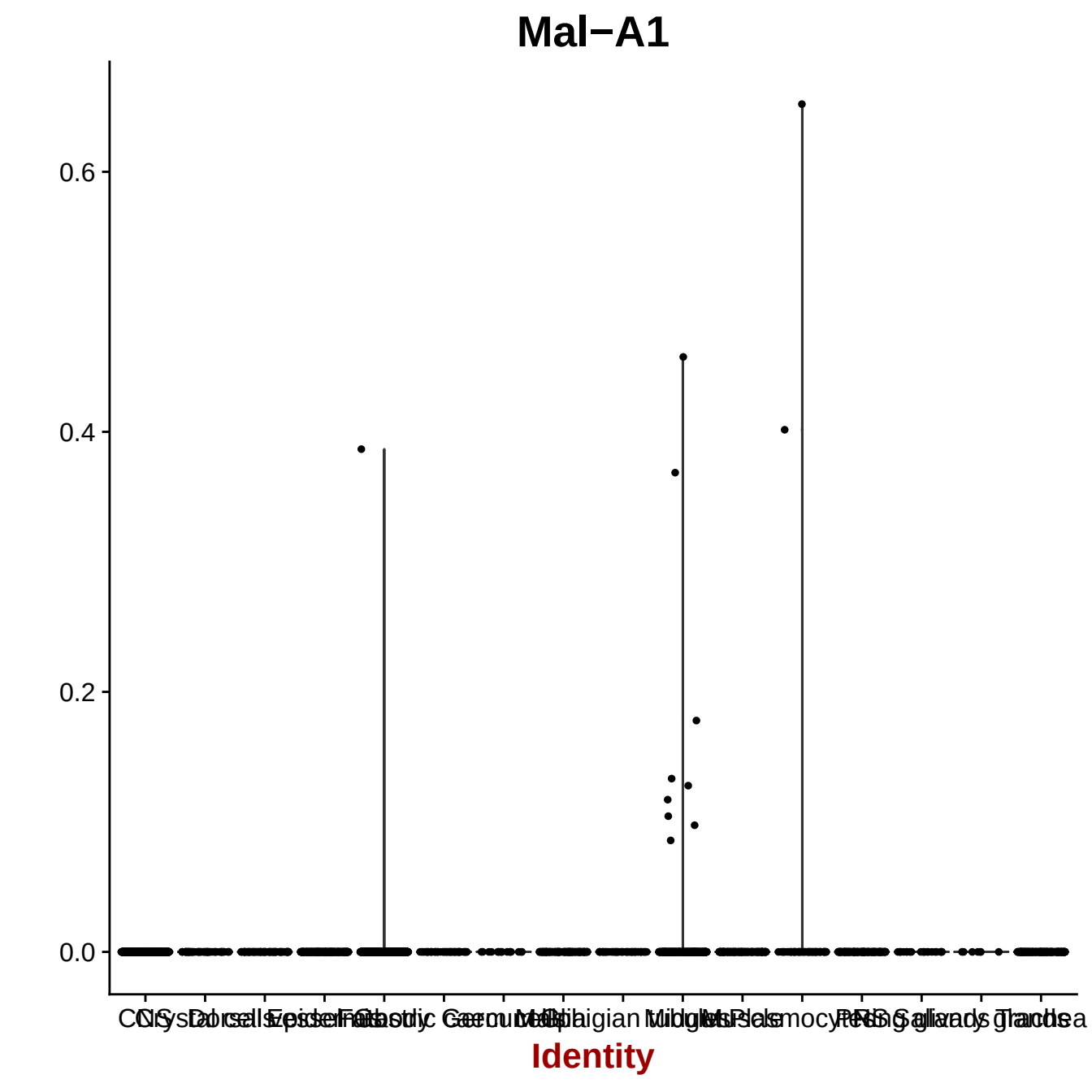
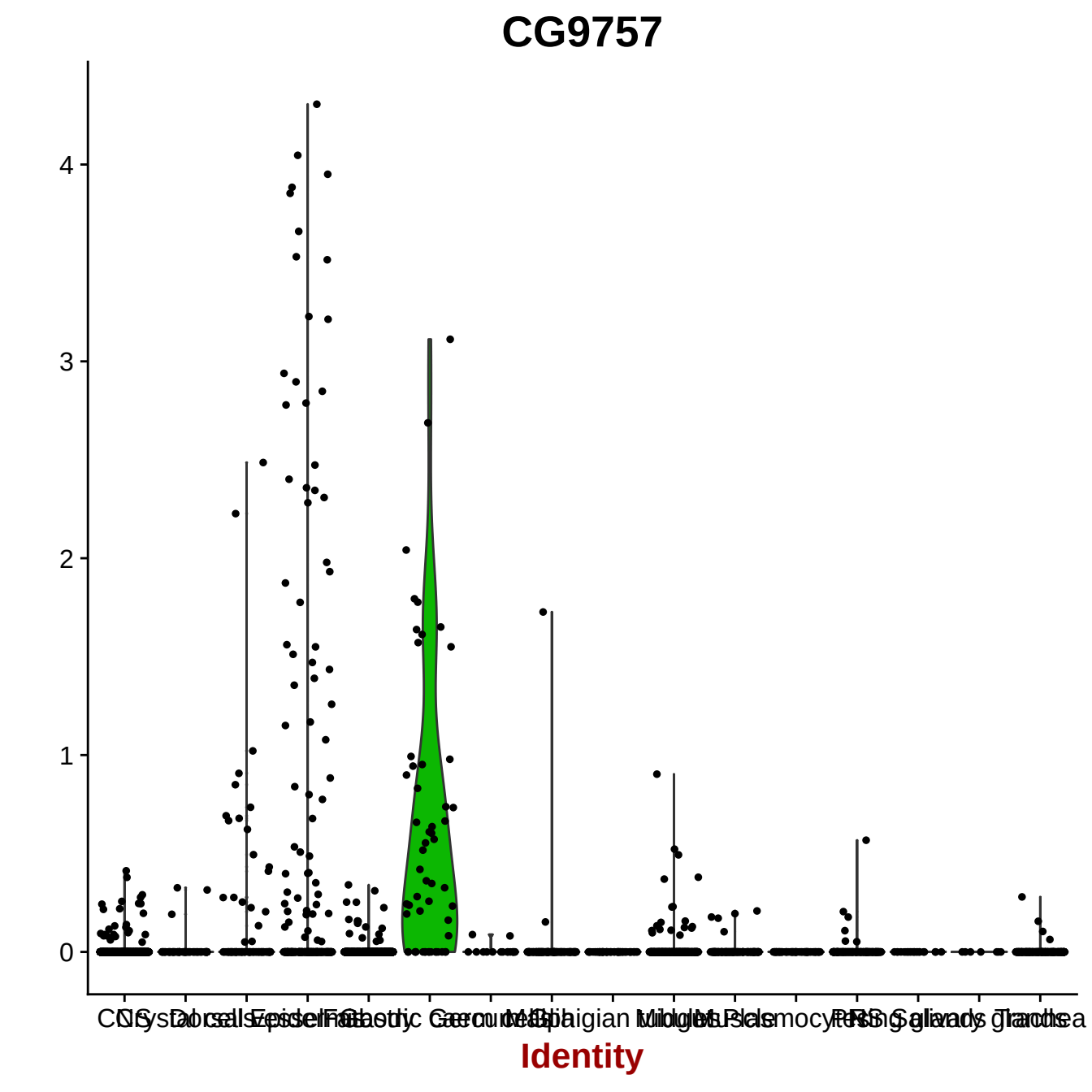
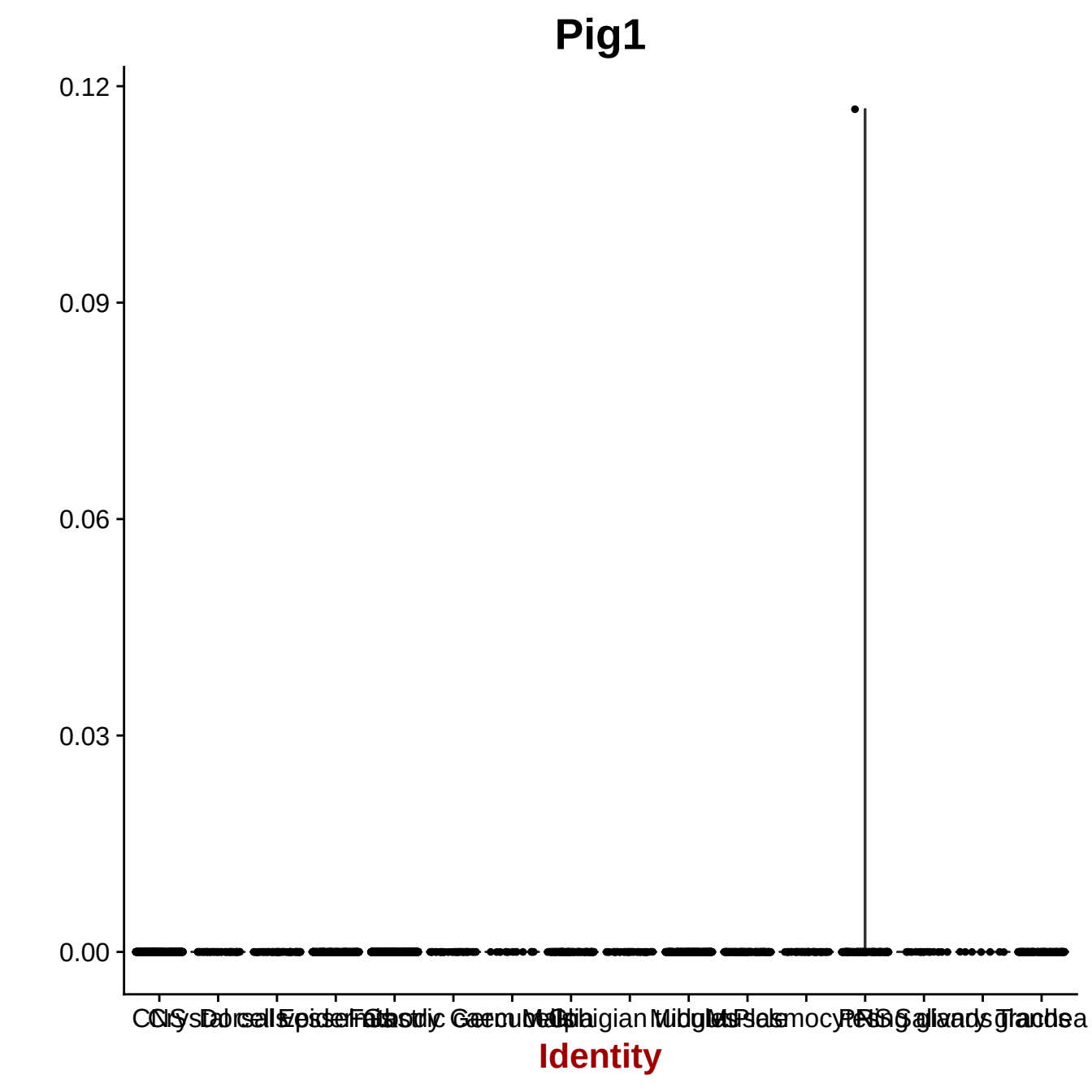
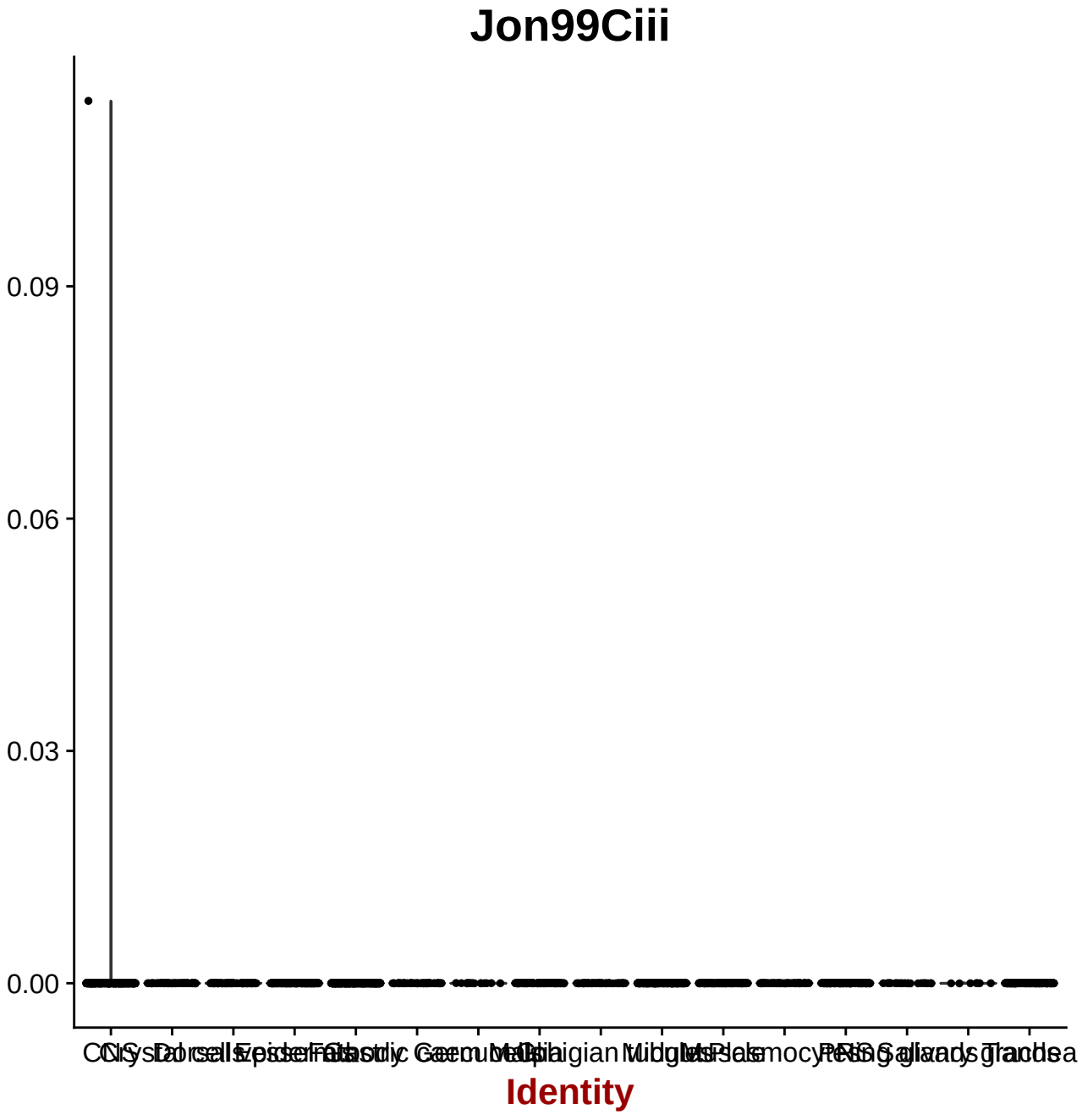
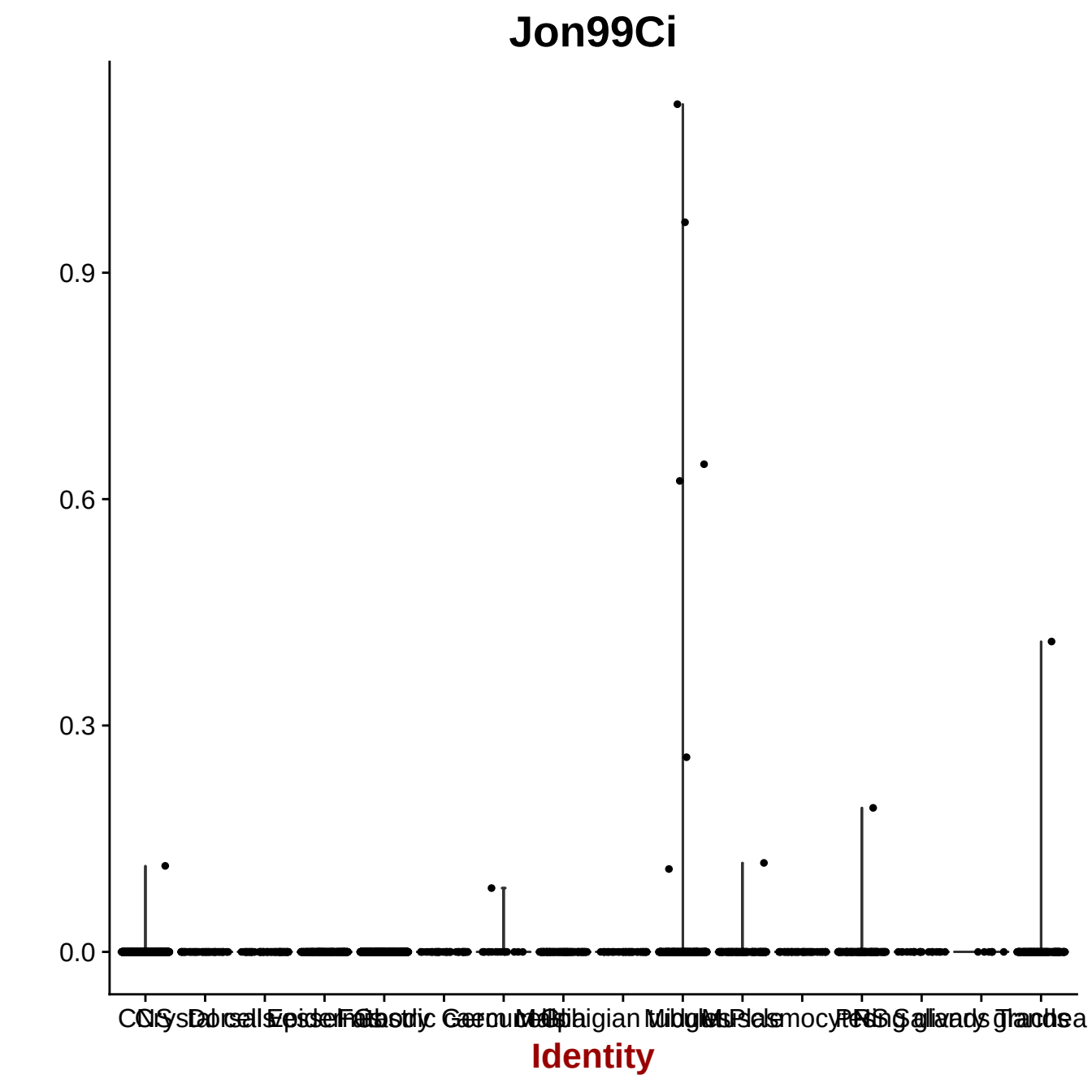
Identity


Mal−A1
0.6
0.4
0.2
0.0
Identity


CG9757
4
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


Pig1
0.12
0.09
0.06
0.03
0.00
Identity


Jon99Ciii
0.09
0.06
0.03
0.00
Identity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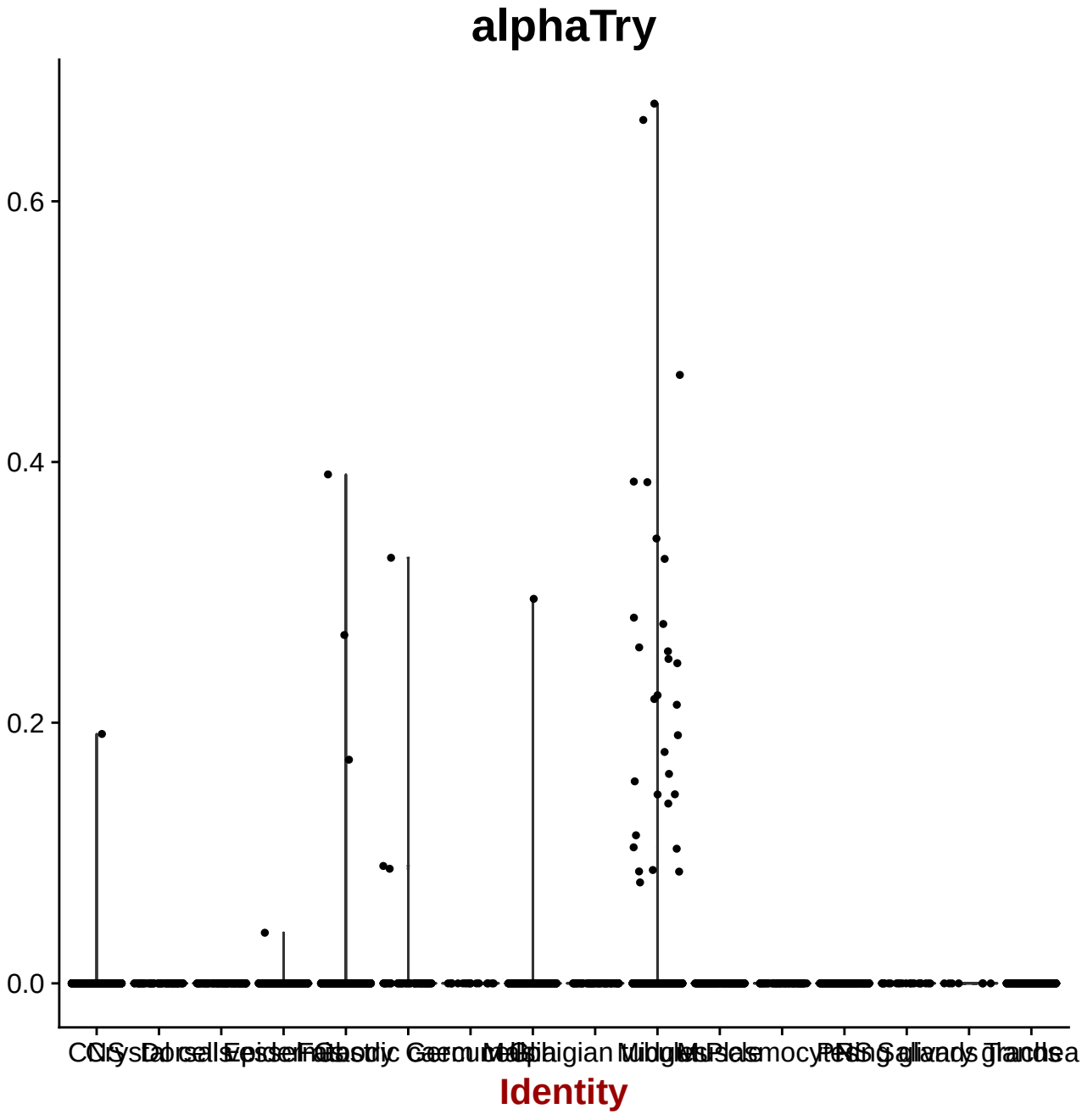
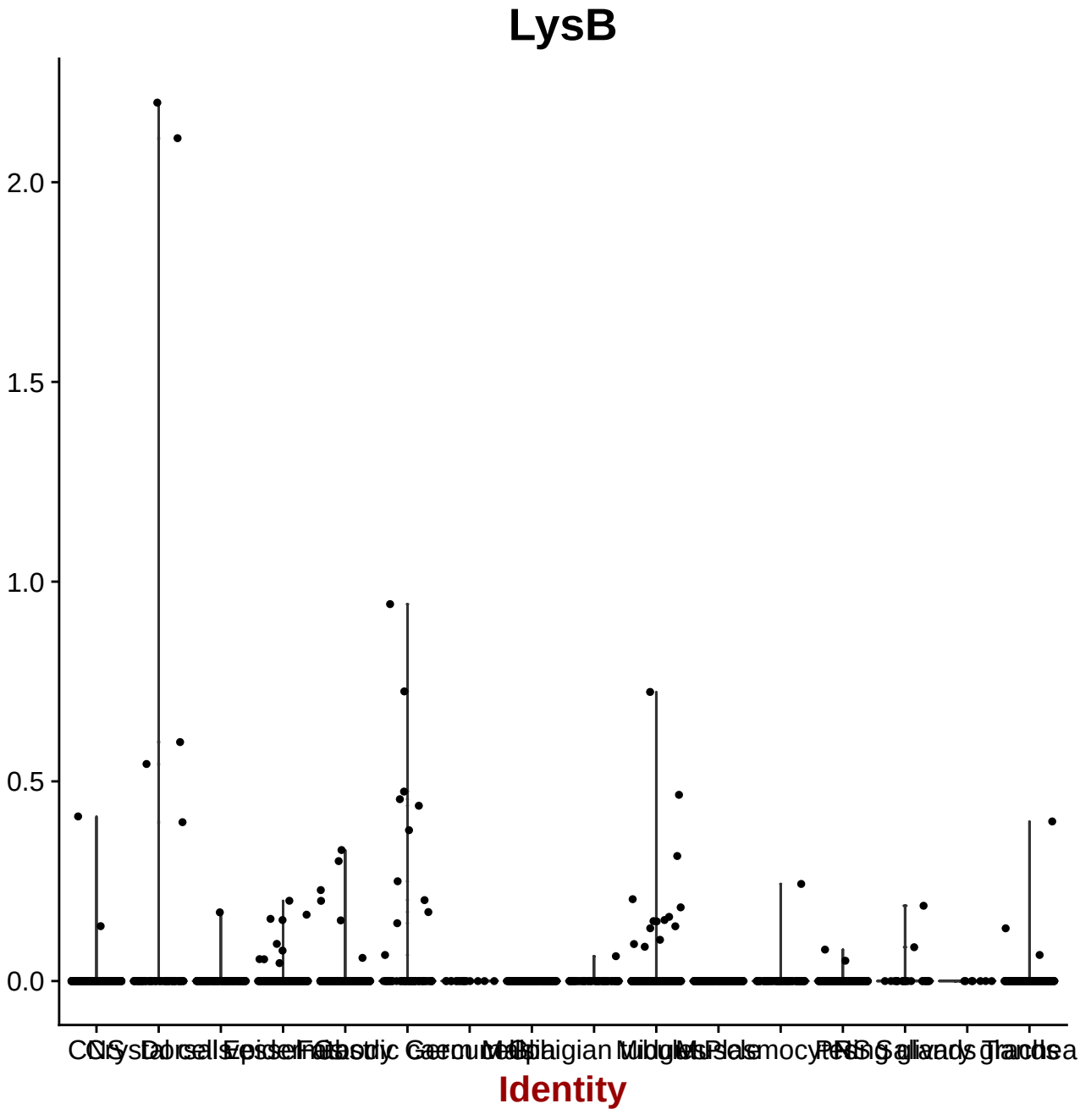
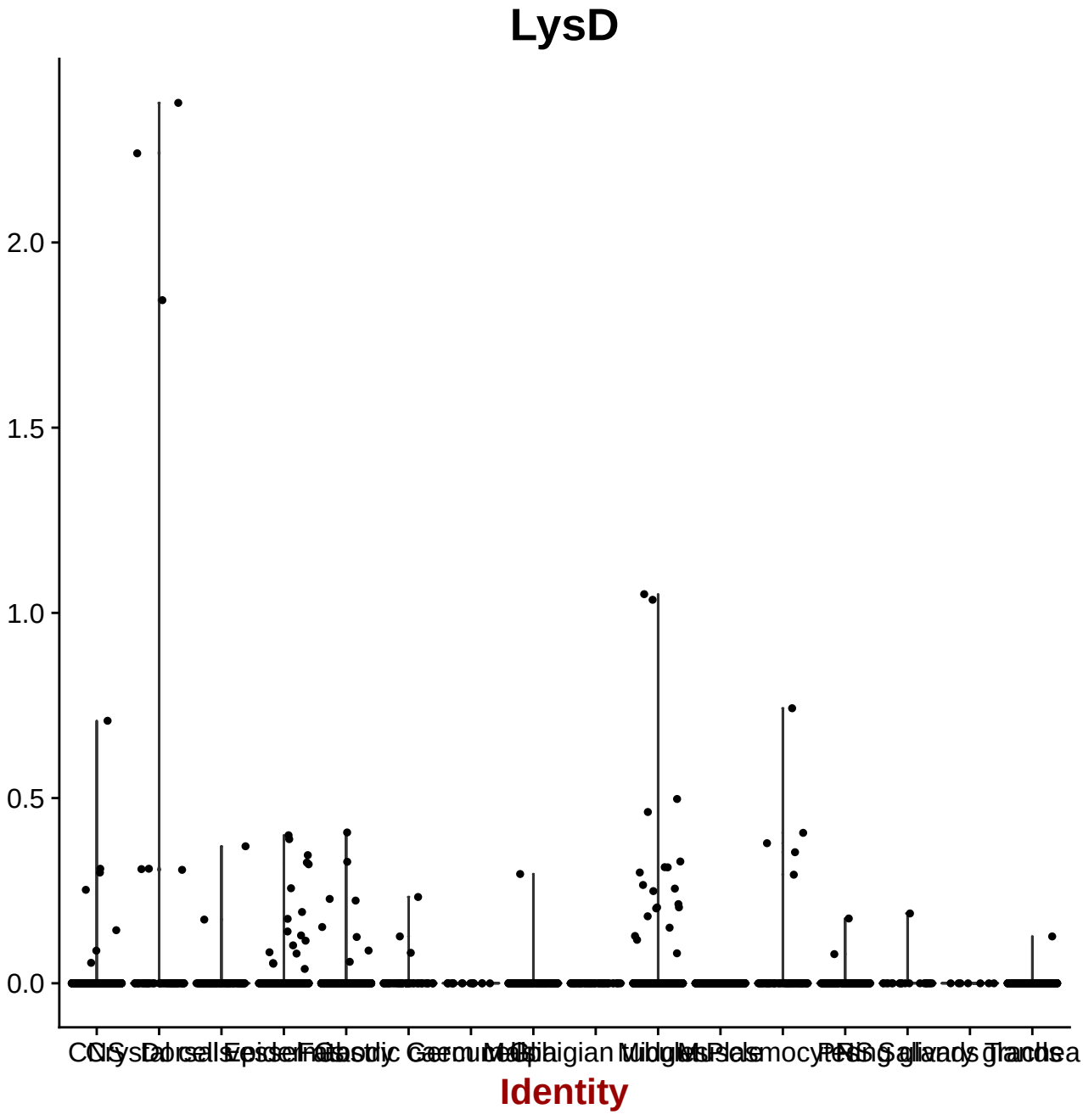
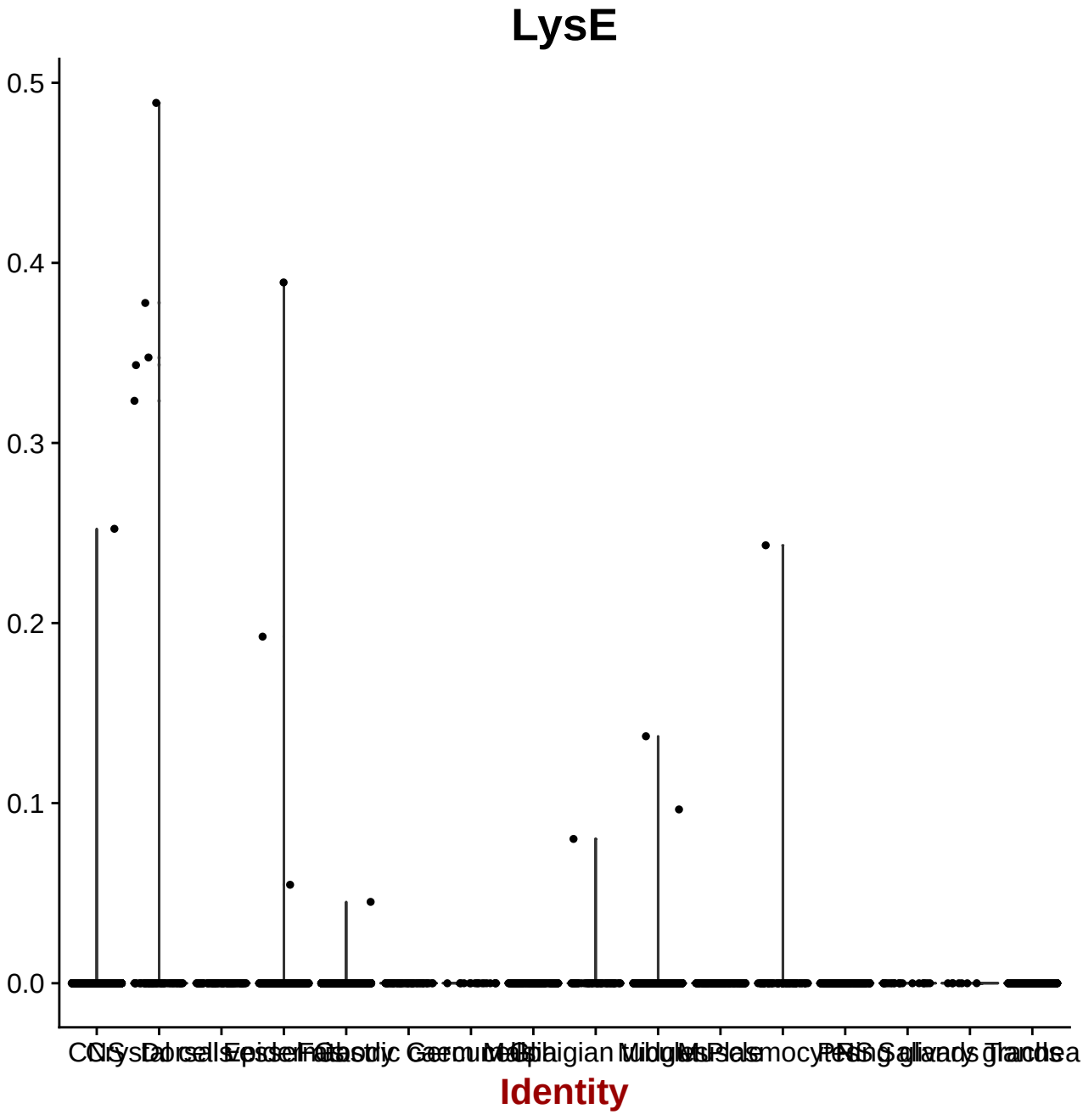
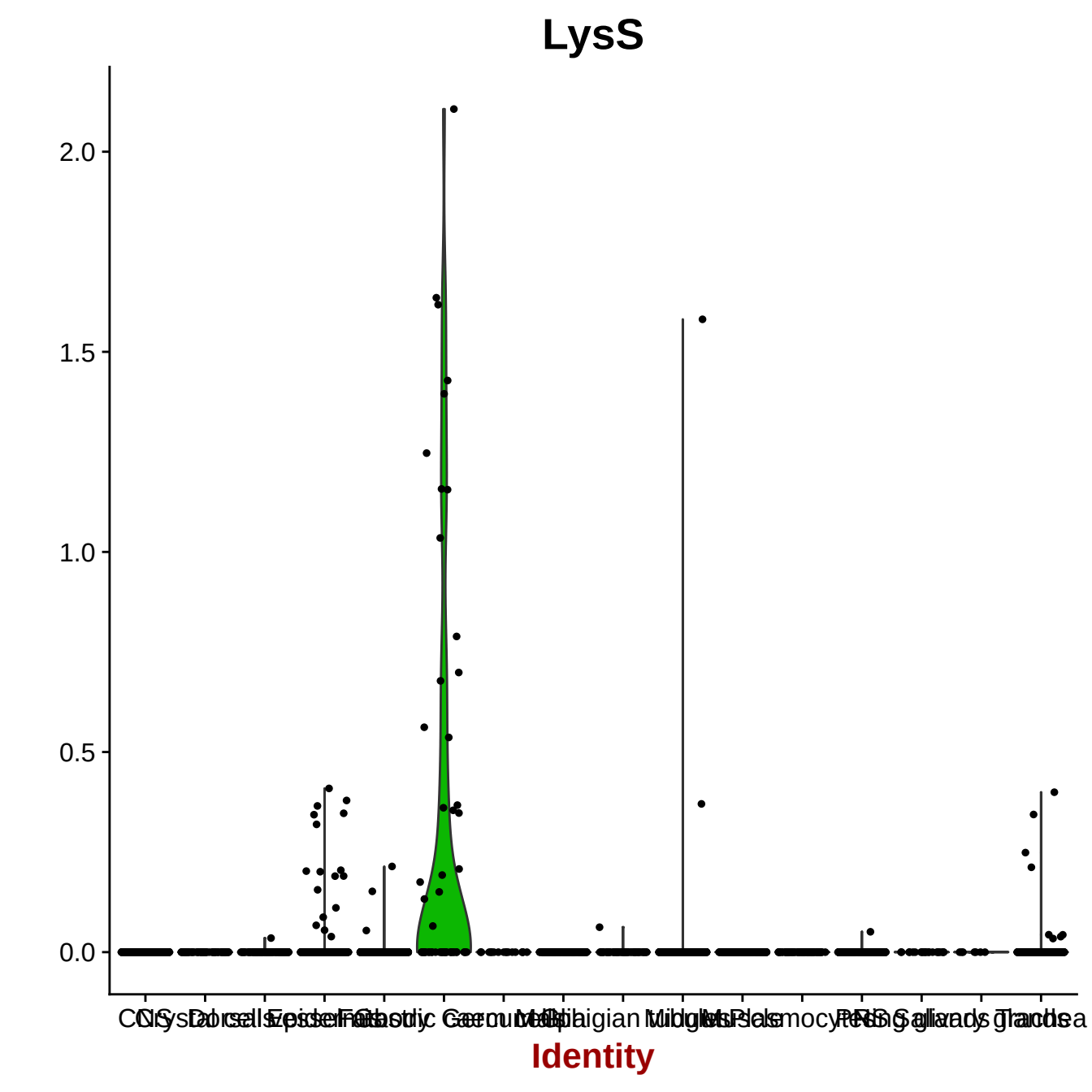
0.9
0.6
0.3
0.0
Identity

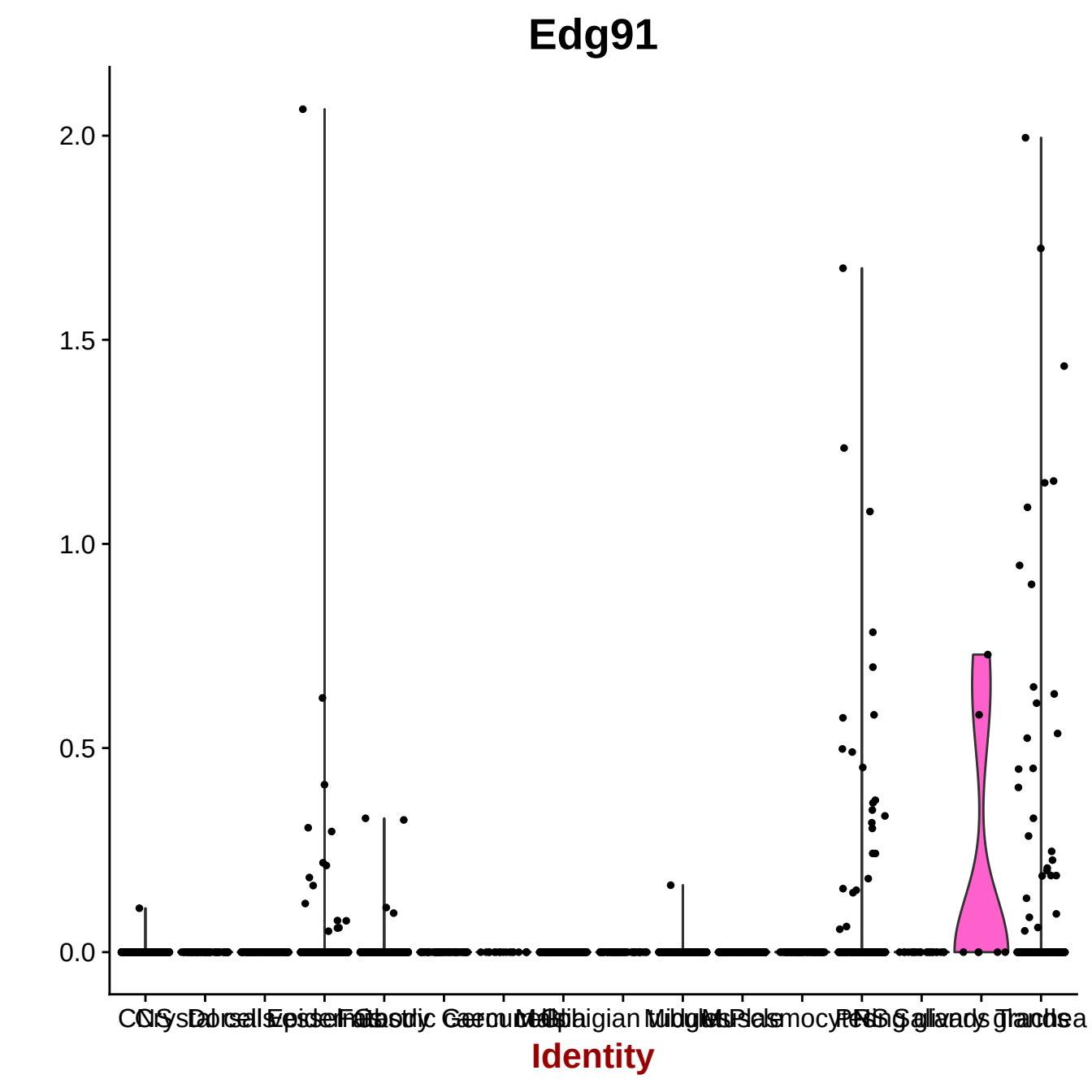

alphaTry
0.6
0.4
0.2
0.0
Identity


LysB
2.0
1.5
1.0
0.5
0.0
Identity

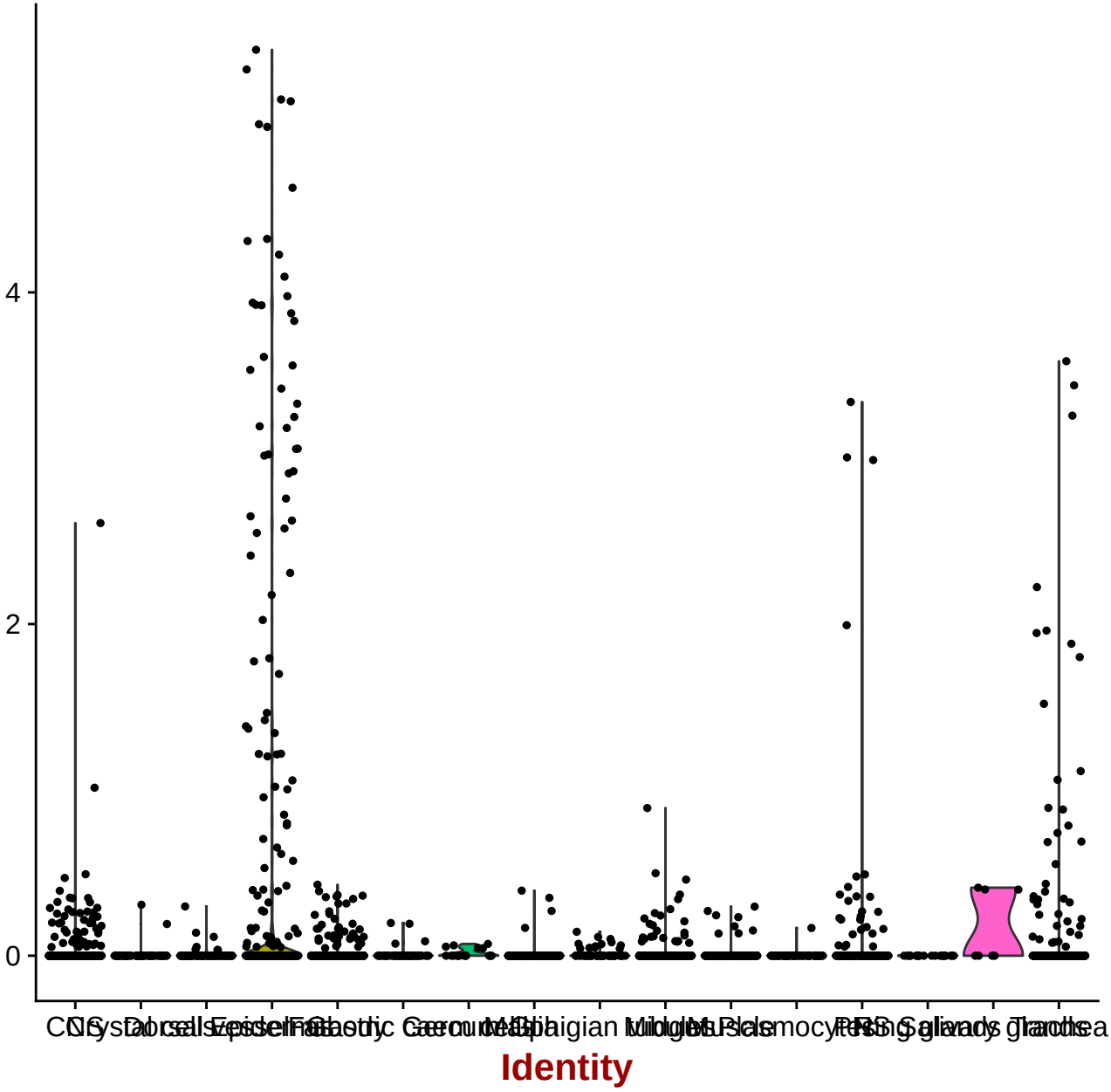

LysD
2.0
1.5
1.0
0.5
0.0
Identity

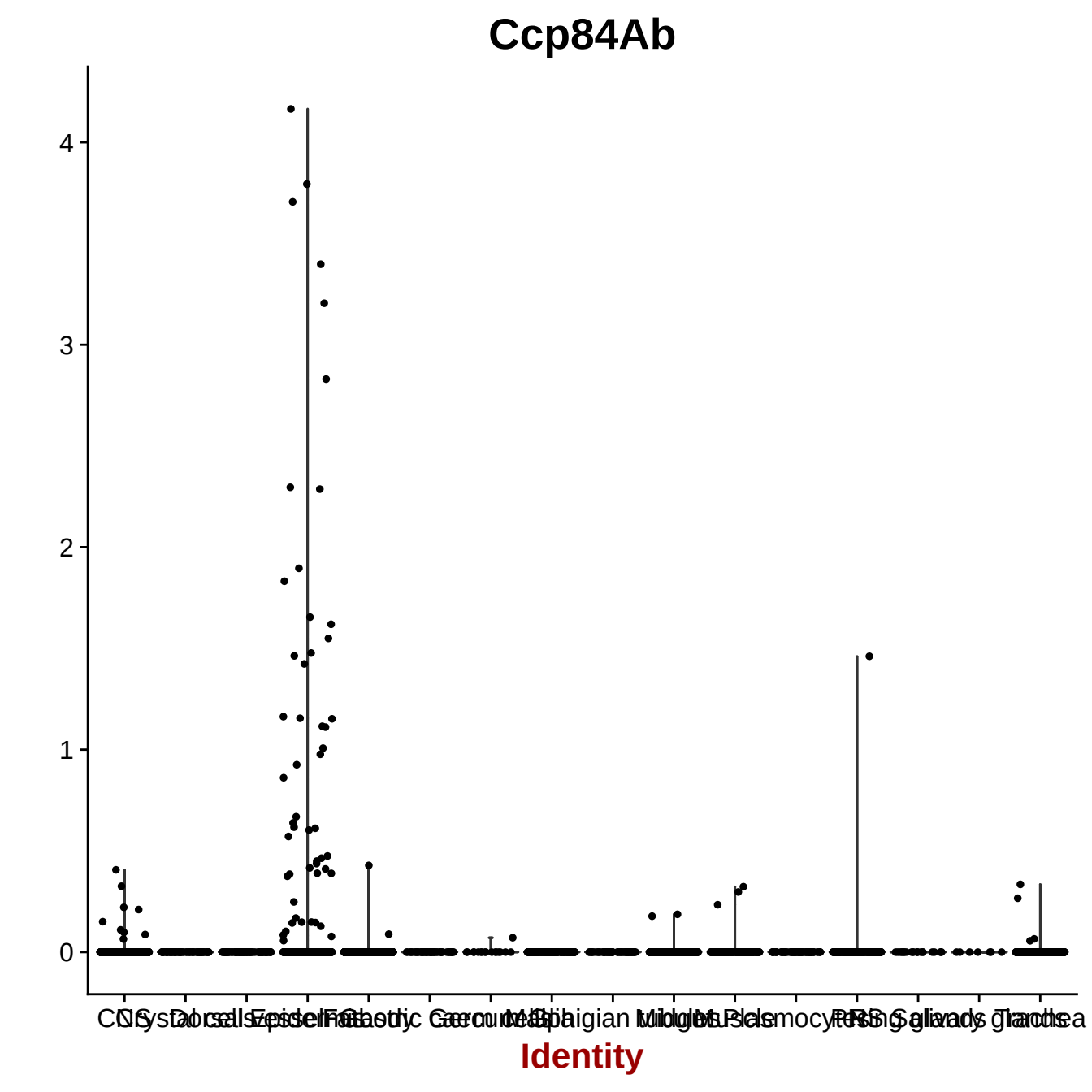

LysE
0.5
0.4
0.3
0.2
0.1
0.0
Identity

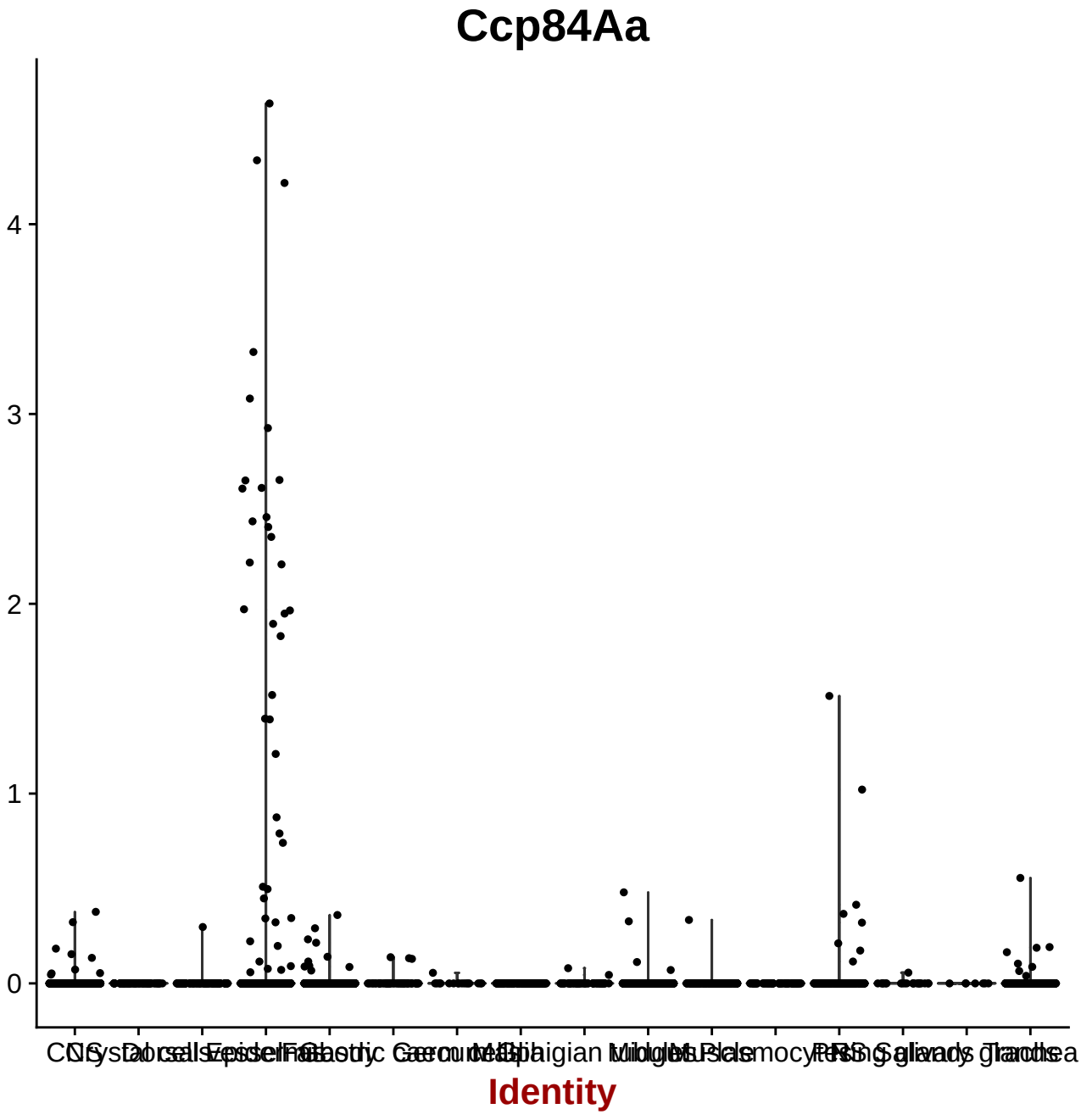

LysS
2.0
1.5
1.0
0.5
0.0
Identity

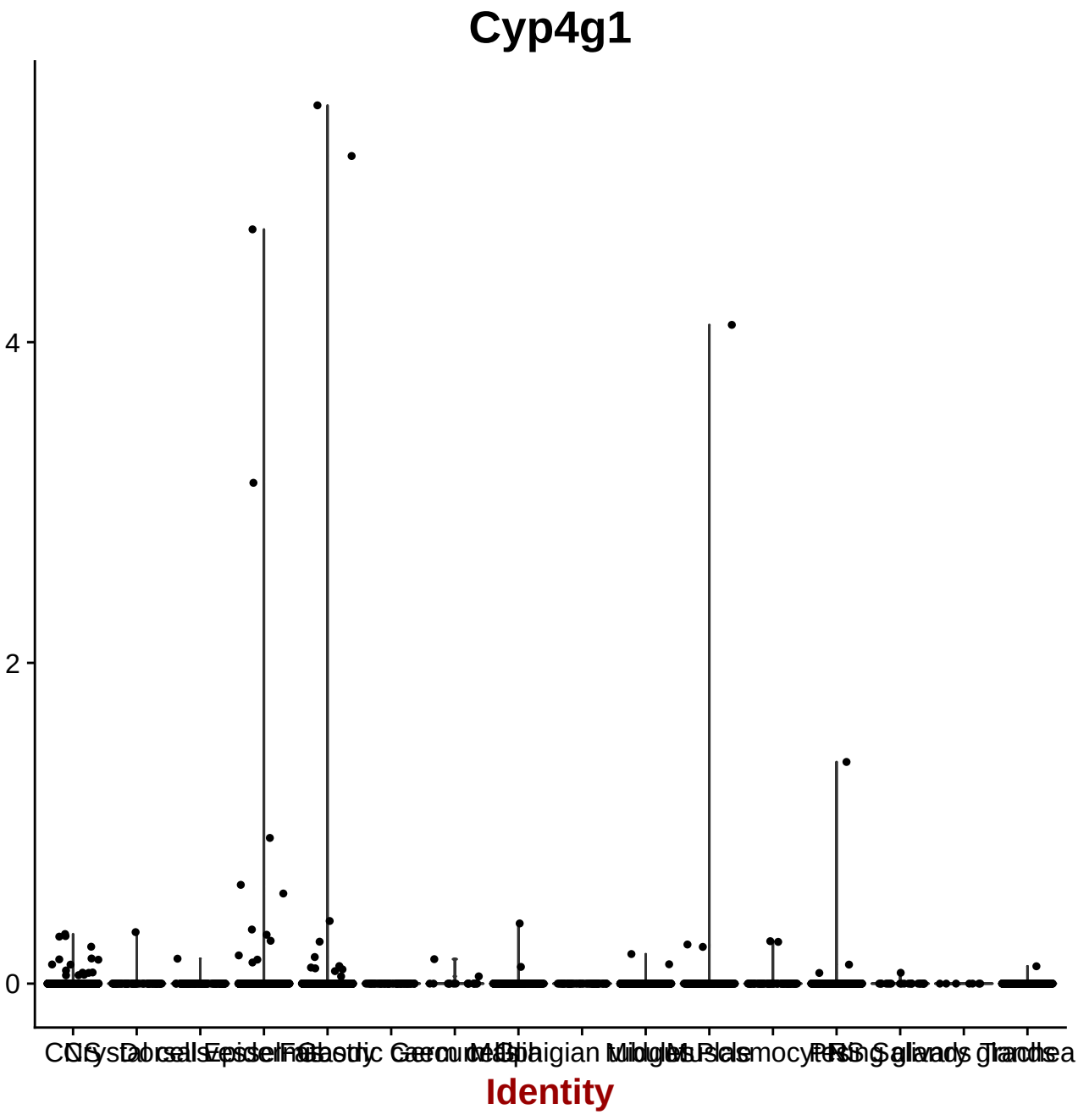

Edg91
2.0
1.5
1.0
0.5
0.0
Identity

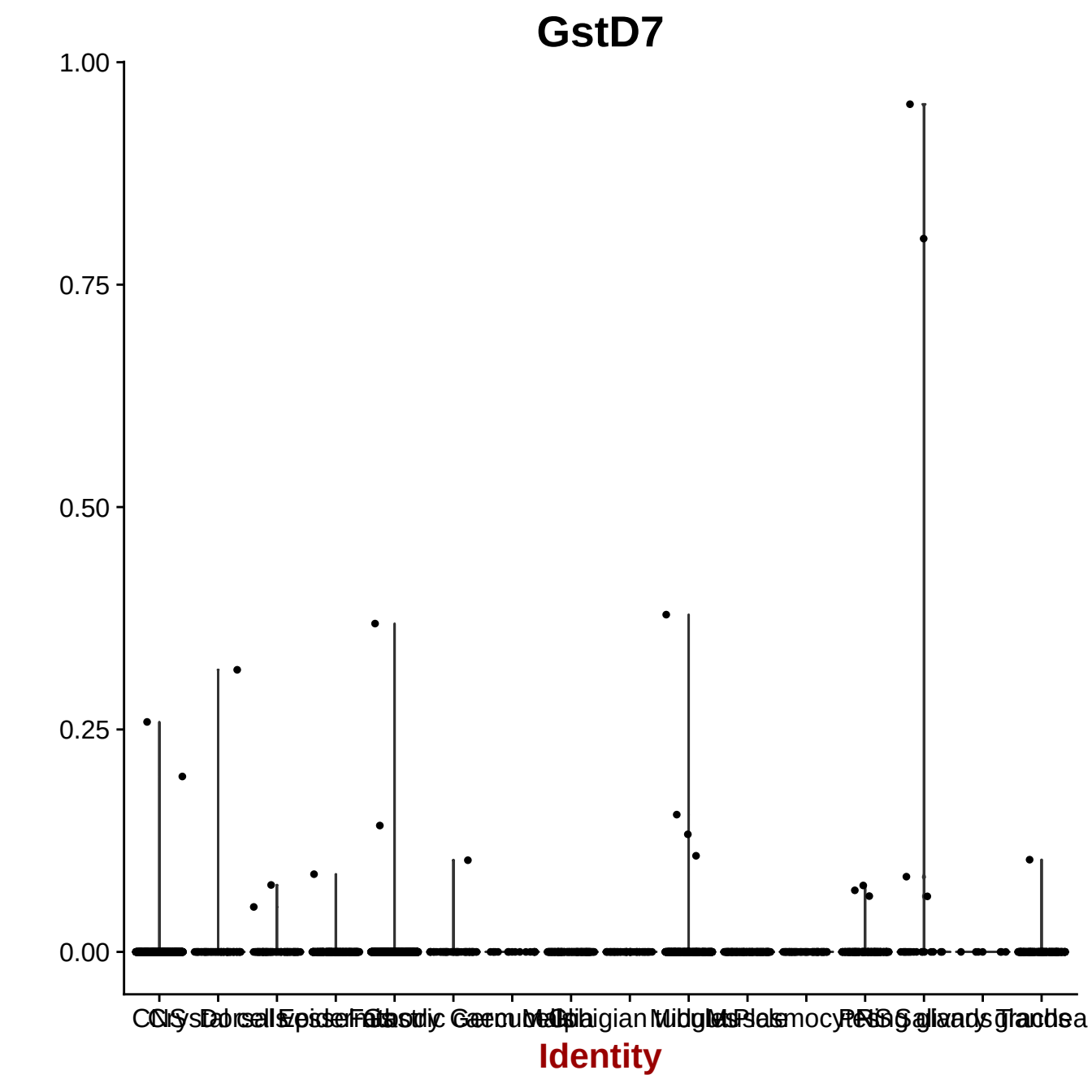
Ccp84Ad

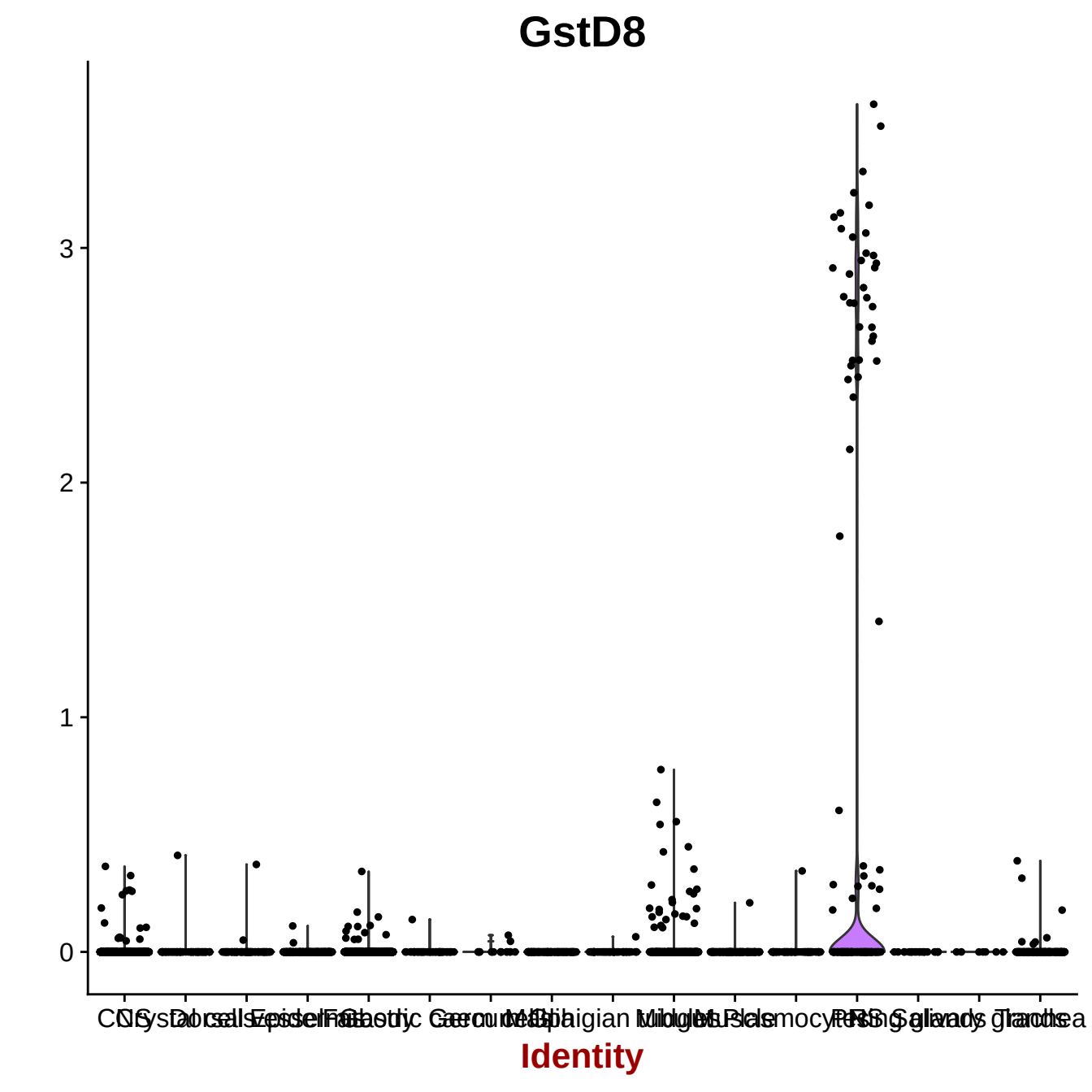

4
2
0
CNS
Dorsal Epidermis
Ventral Epidermis
Fat Body
Gastric Caecum
Malpighian tubules
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity

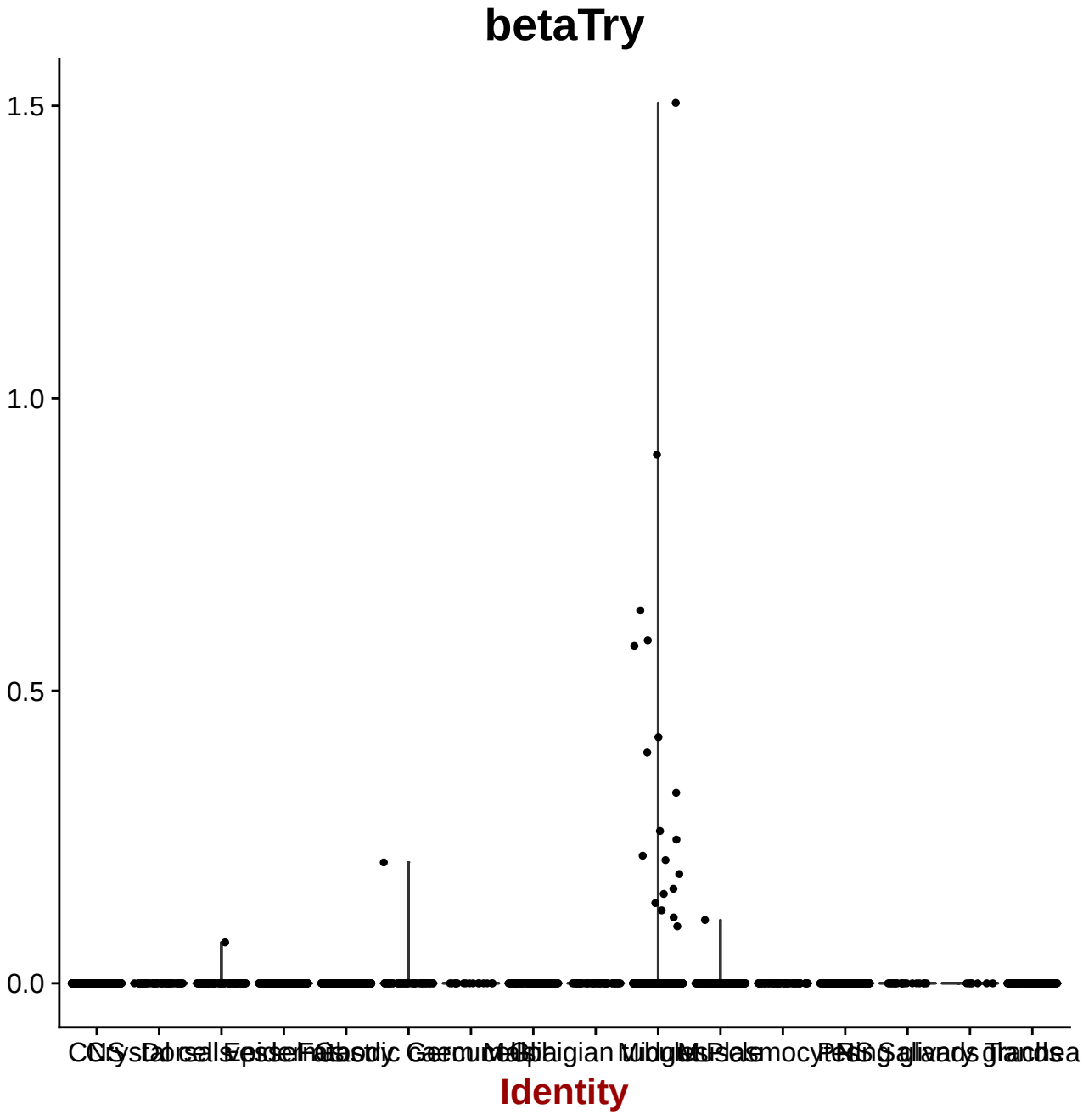

Ccp84Ab
4
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity

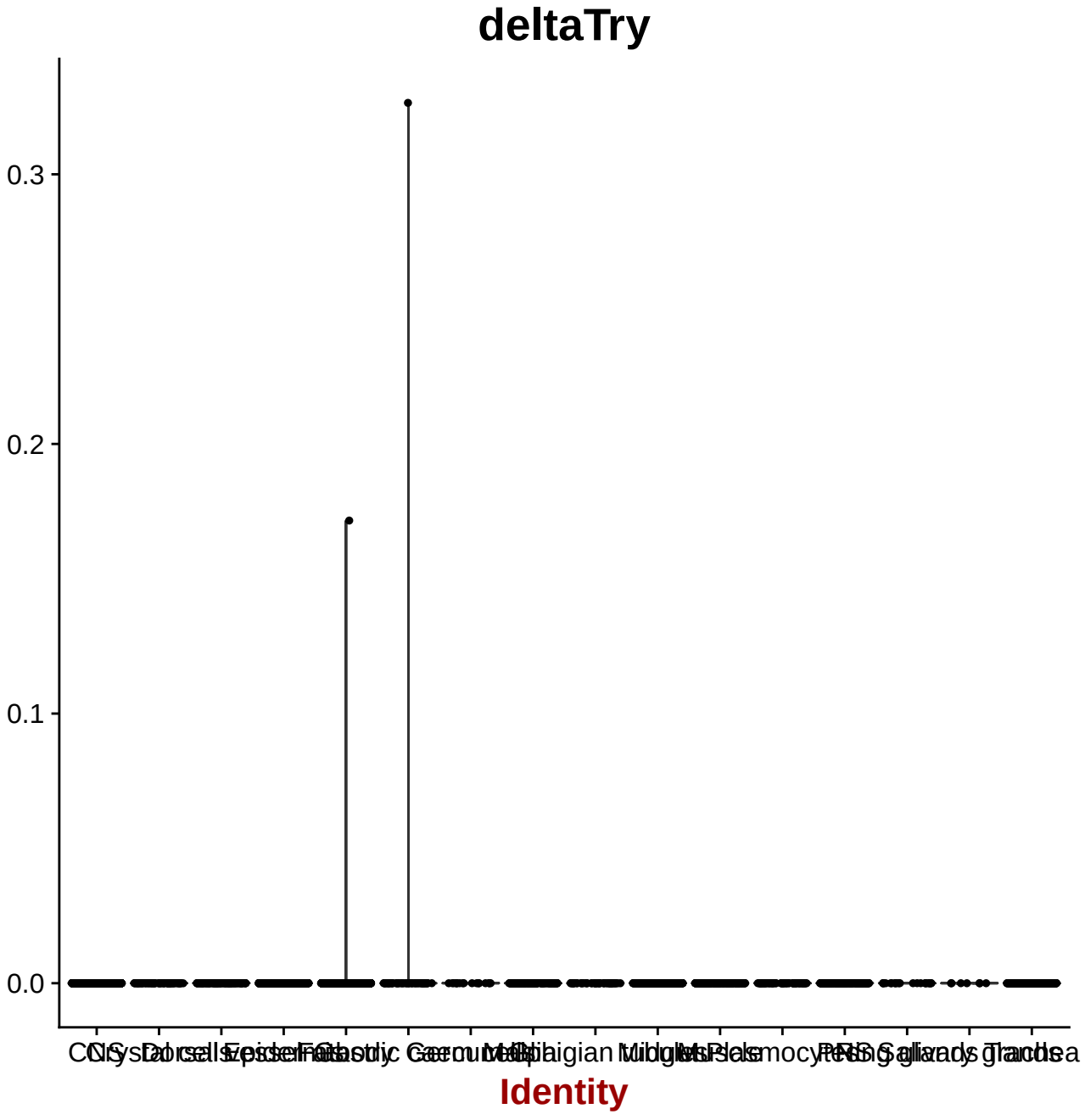

Ccp84Aa
4
3
2
1
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Elastic
Caudal
Germ cells
Malpighian tubules
Midgut
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity

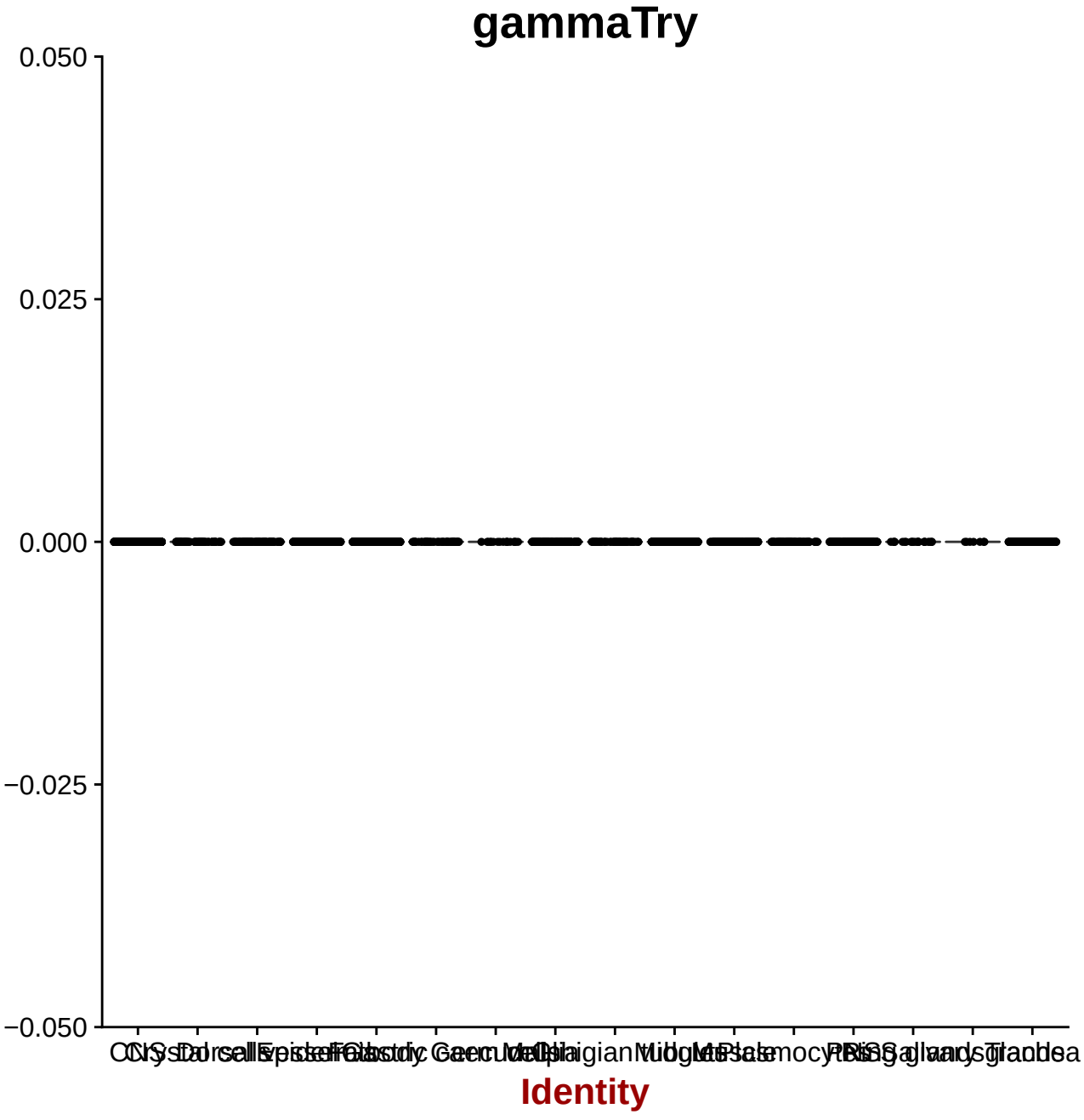

Cyp4g1
4
2
0
CNS
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity

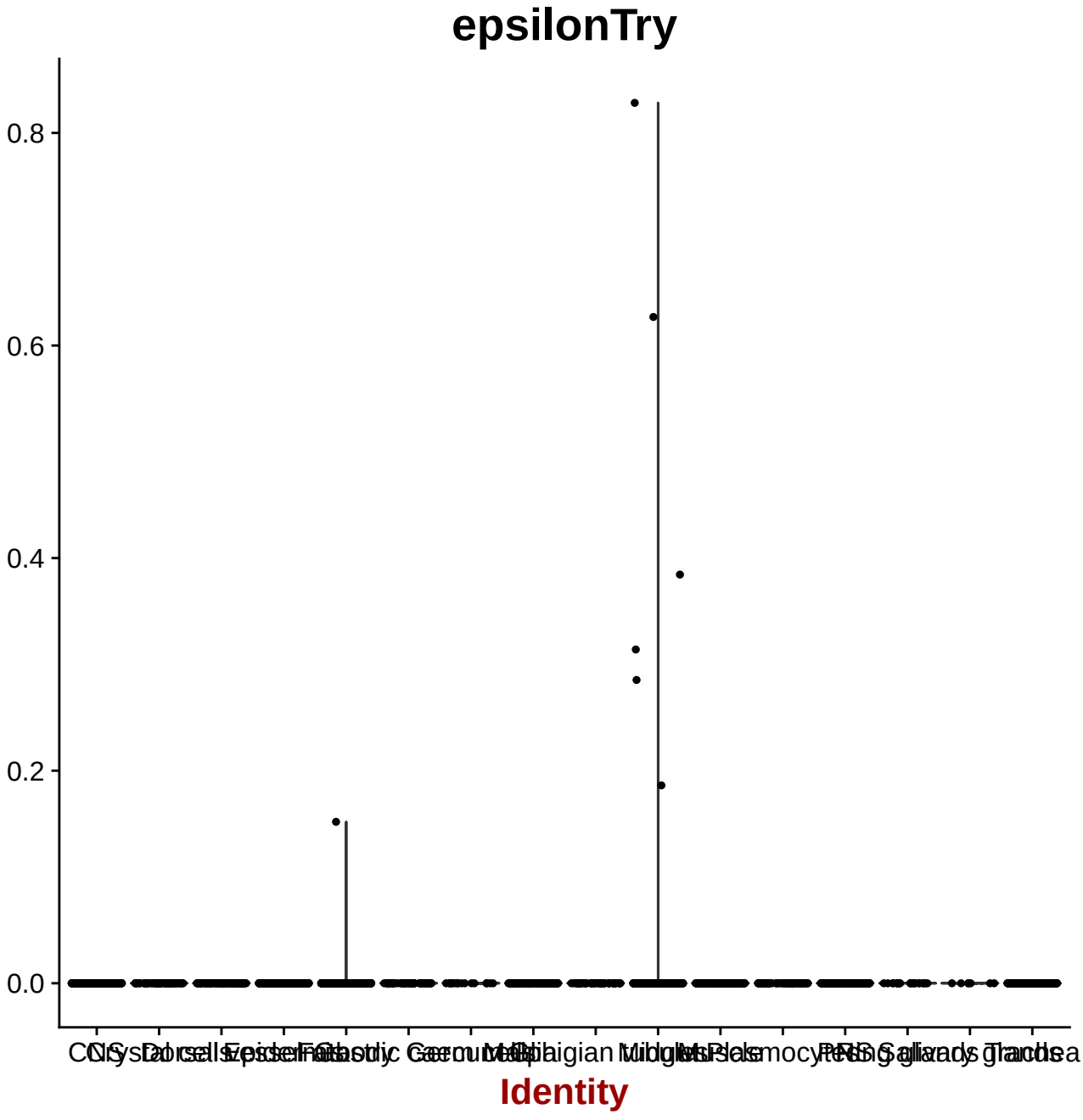

GstD7
1.00
0.75
0.50
0.25
0.00
Identity

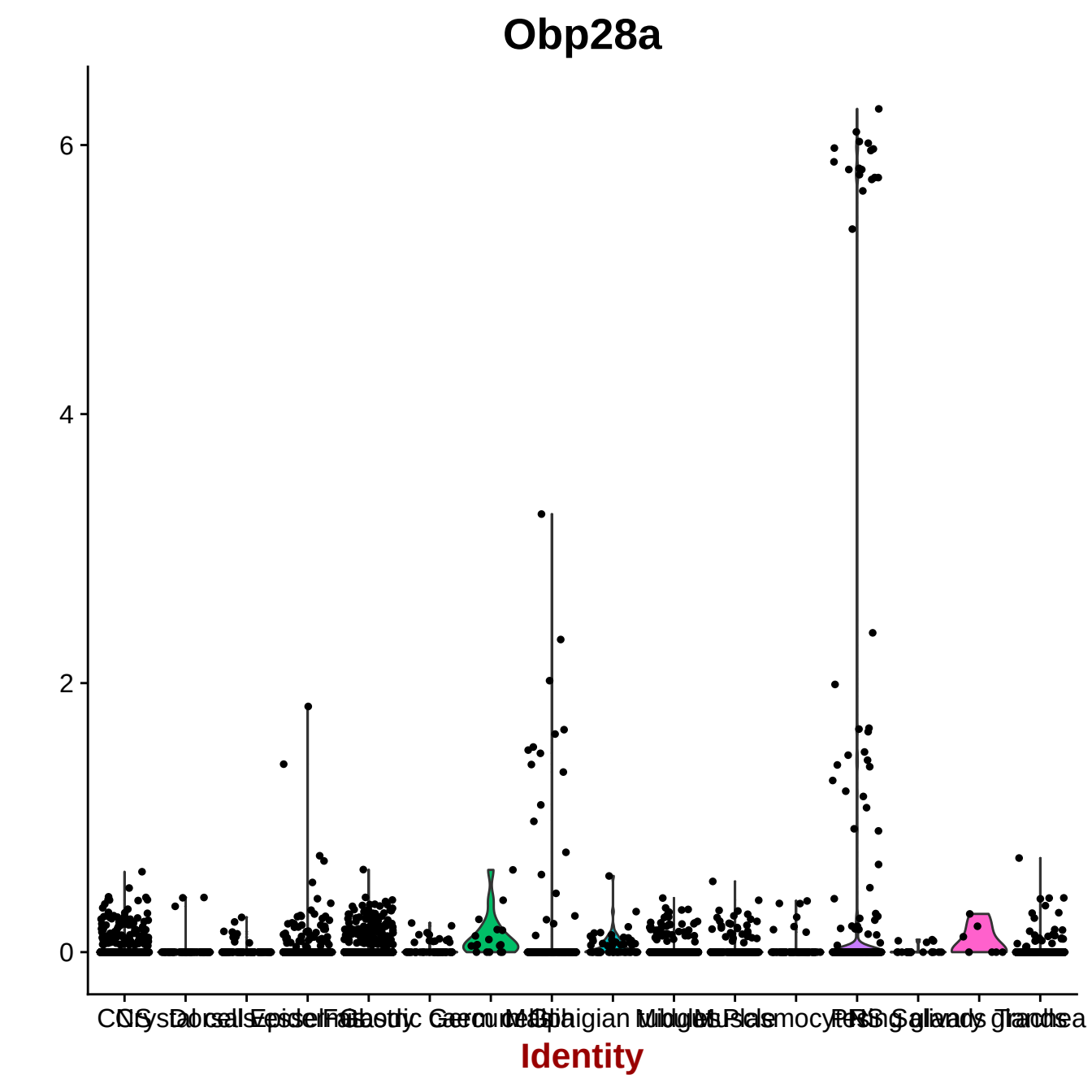

GstD8
3
2
1
0
CNS
Dorsal Epidermis
Crystal cell
Vessel
Hemocytes
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Hindgut
Salivary gland
Trachea
Identity

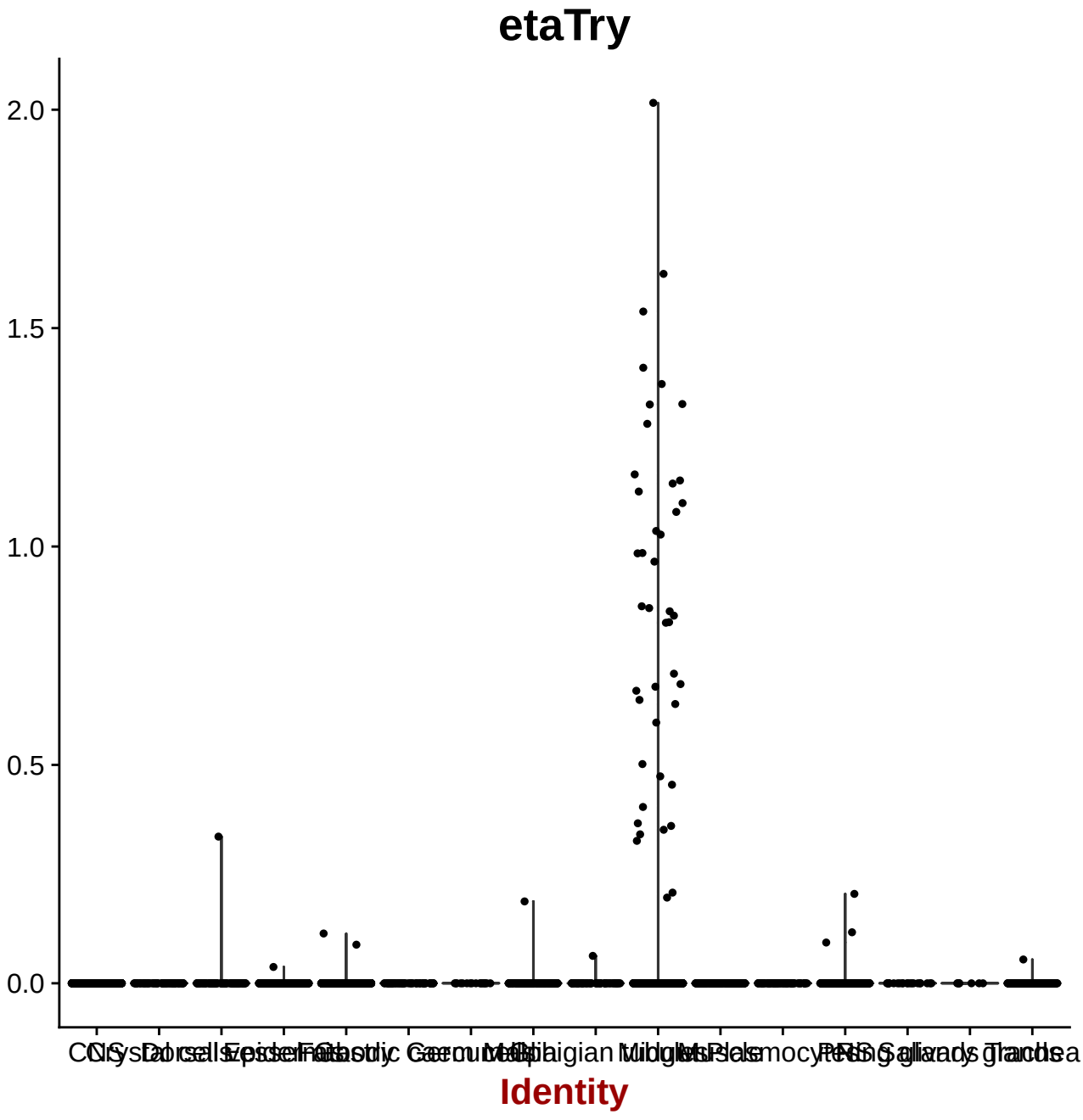

betaTry
1.5
1.0
0.5
0.0
Identity

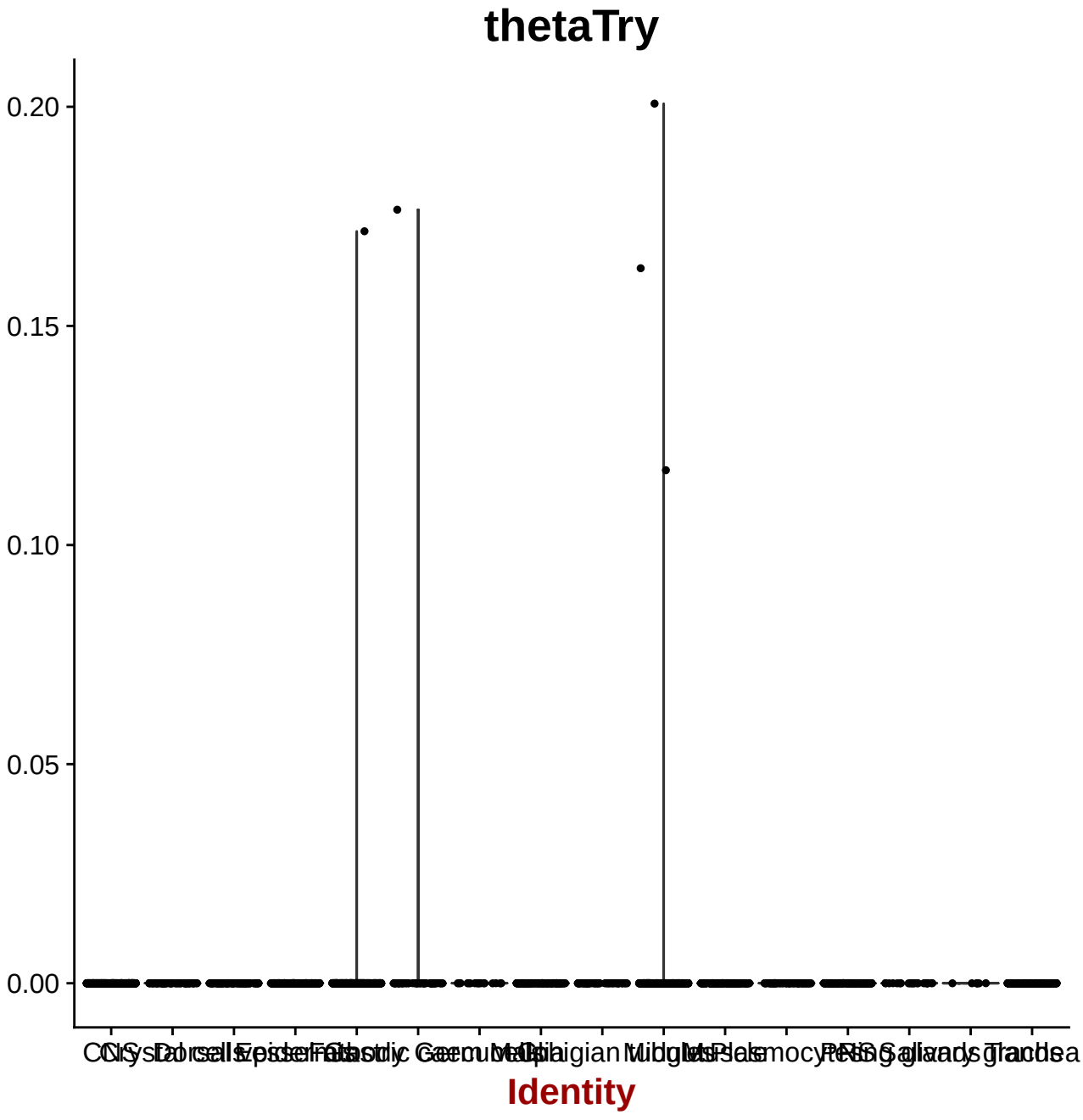

deltaTry
0.3
0.2
0.1
0.0
Identity

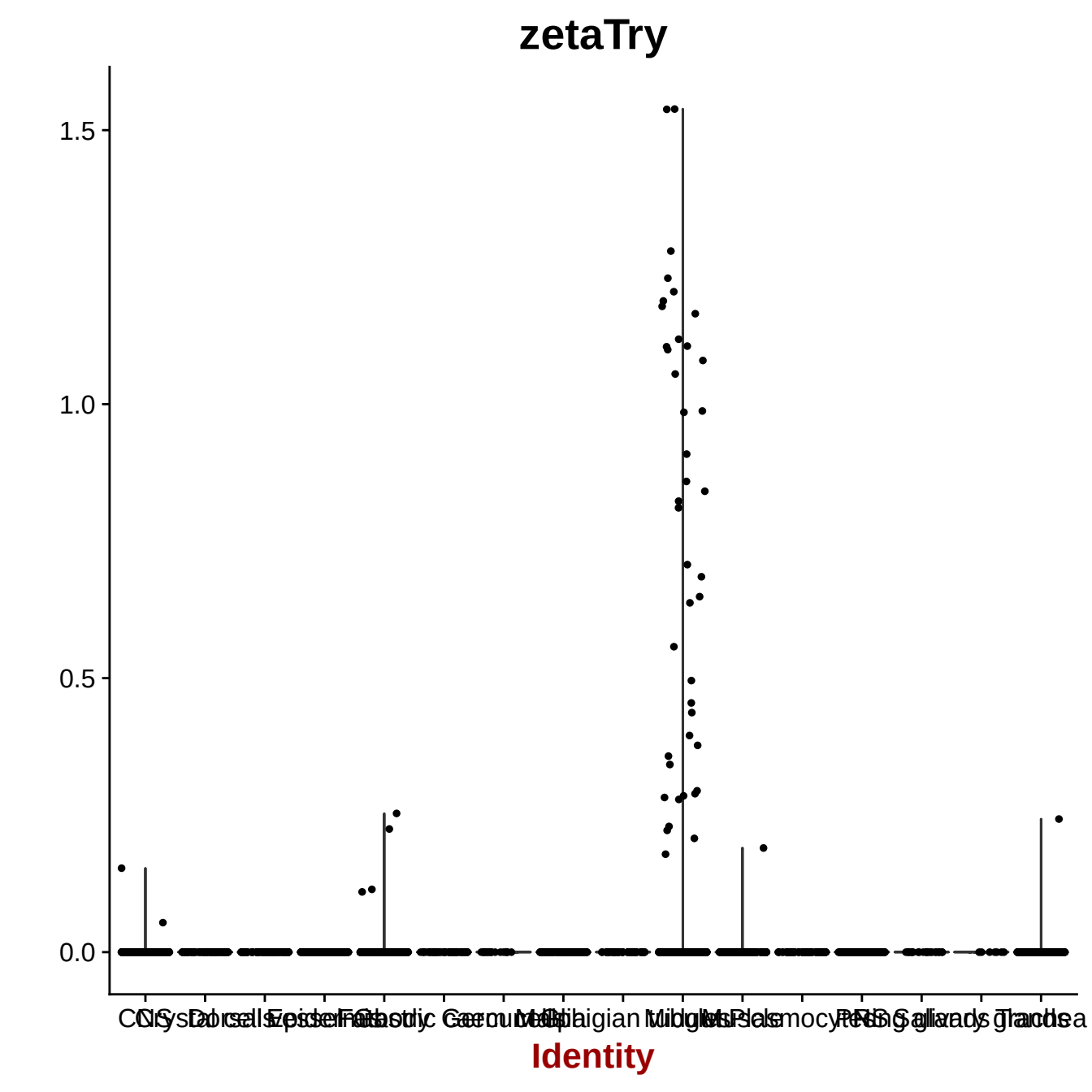

gammaTry
0.050
0.025
0.000
−0.025
−0.050
Identity

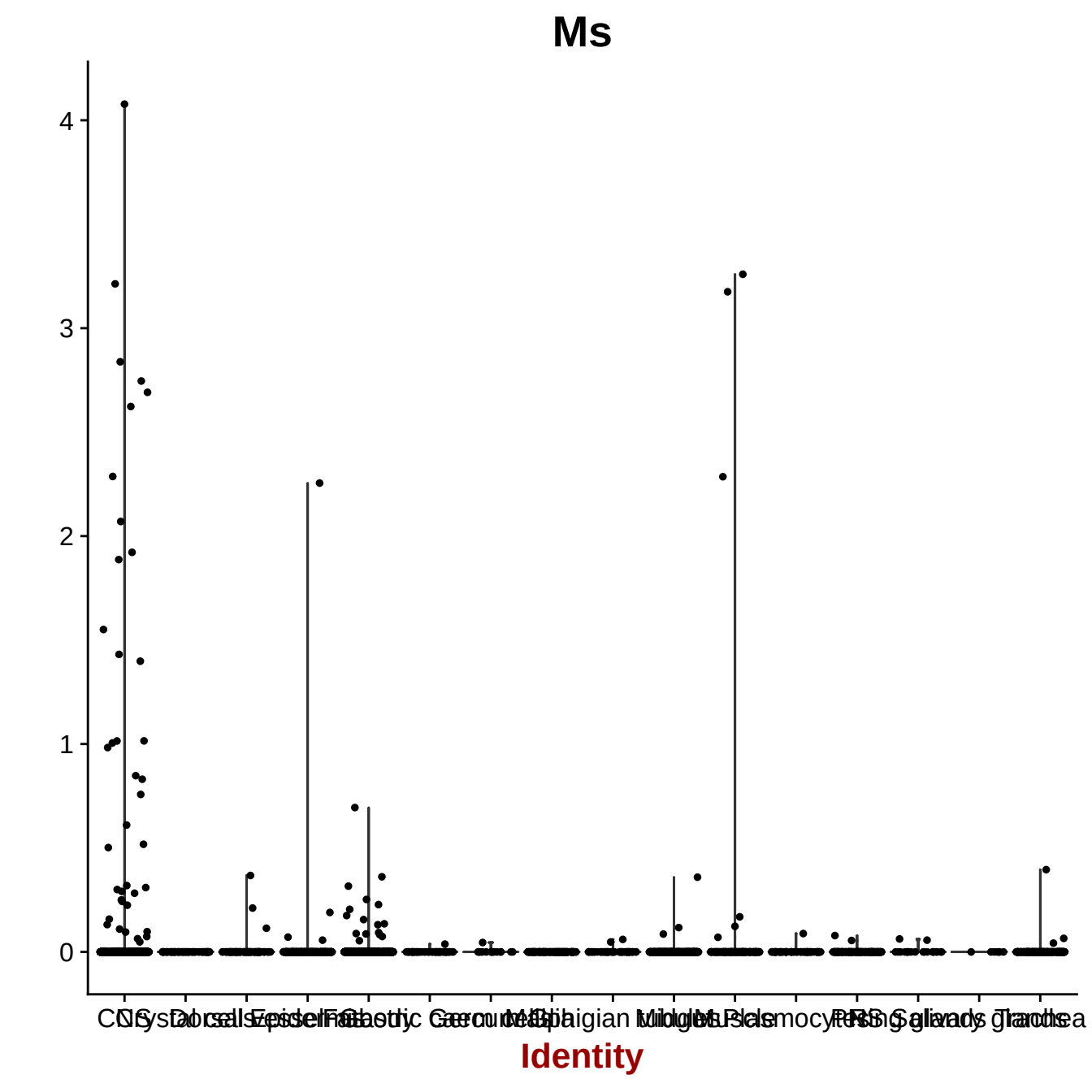

epsilonTry
0.8
0.6
0.4
0.2
0.0
Identity

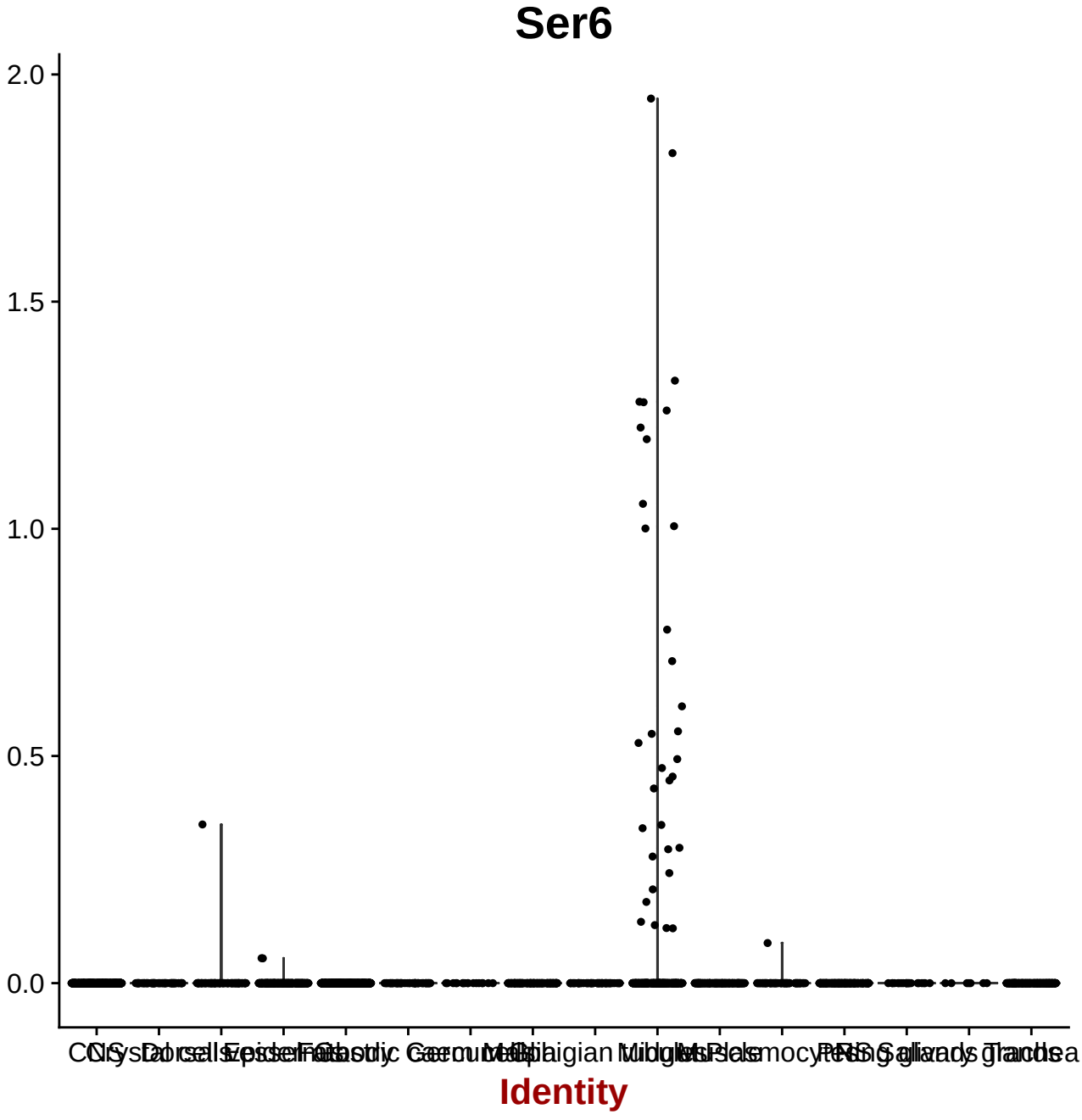

Obp28a
6
4
2
0
CNS
Crystalline lens
Dorsal epidermis
Epidermis
Fat body
Gastric caecum
Malpighian tubule
Midgut
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity

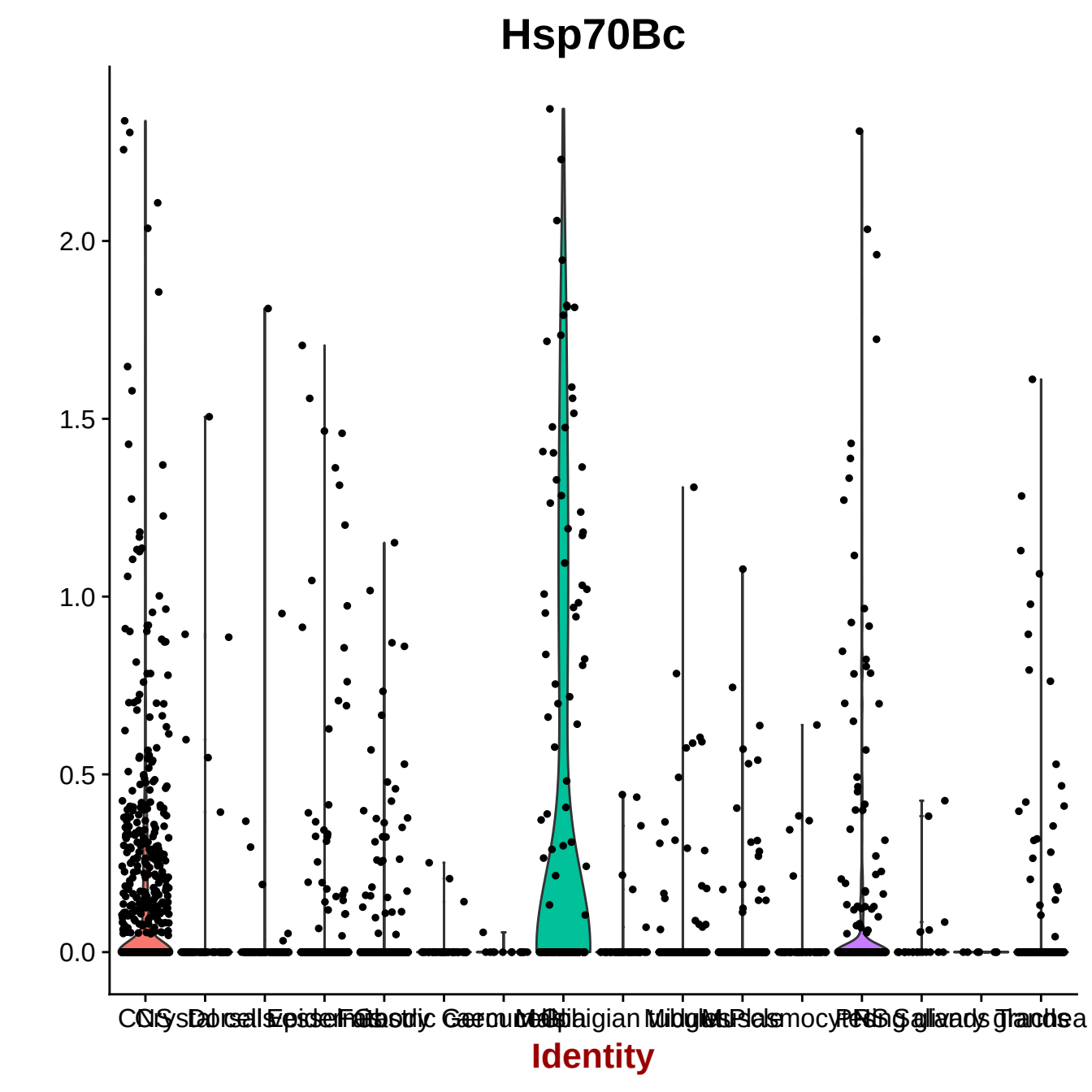

etaTry
2.0
1.5
1.0
0.5
0.0
Identity

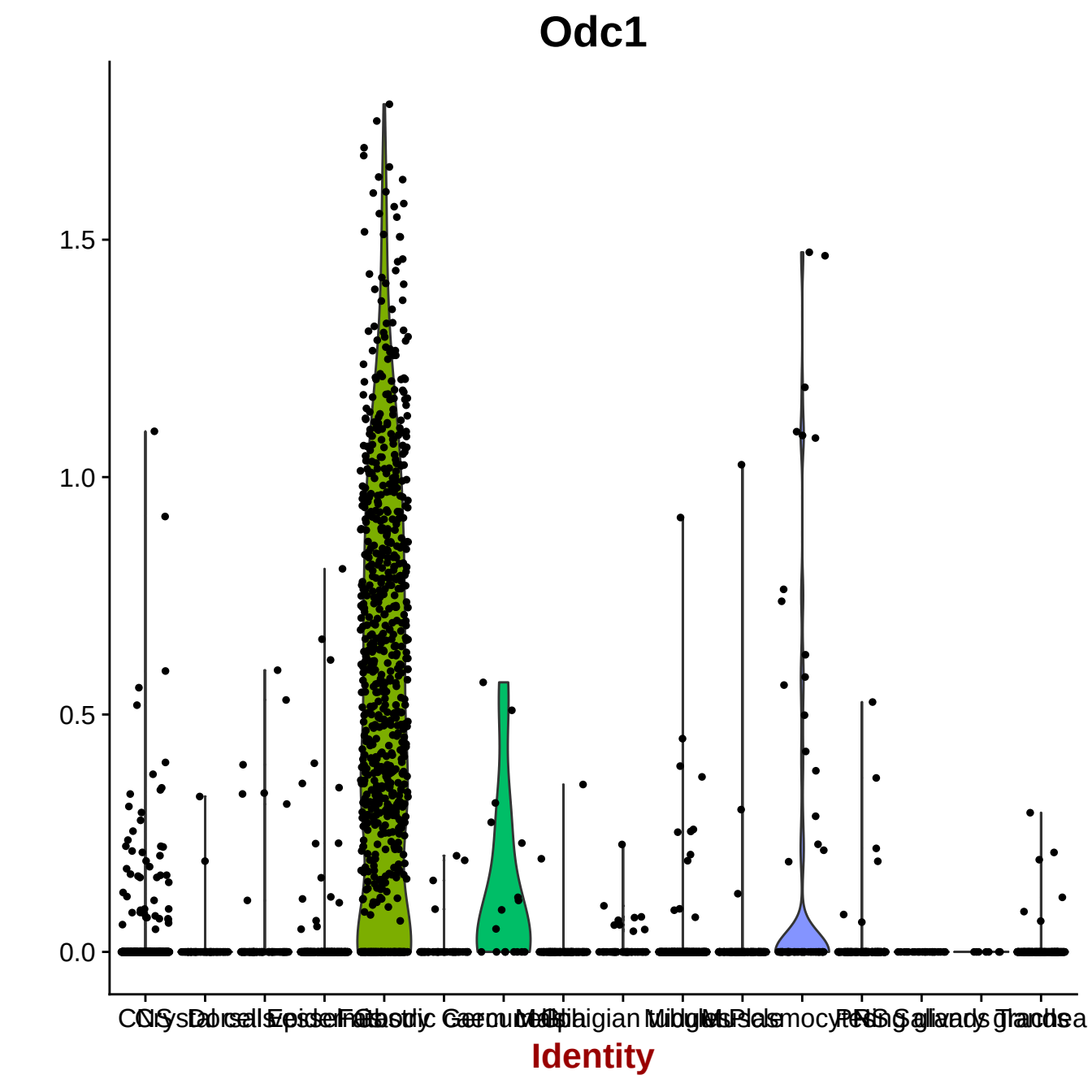

thetaTry
0.20
0.15
0.10
0.05
0.00
Identity

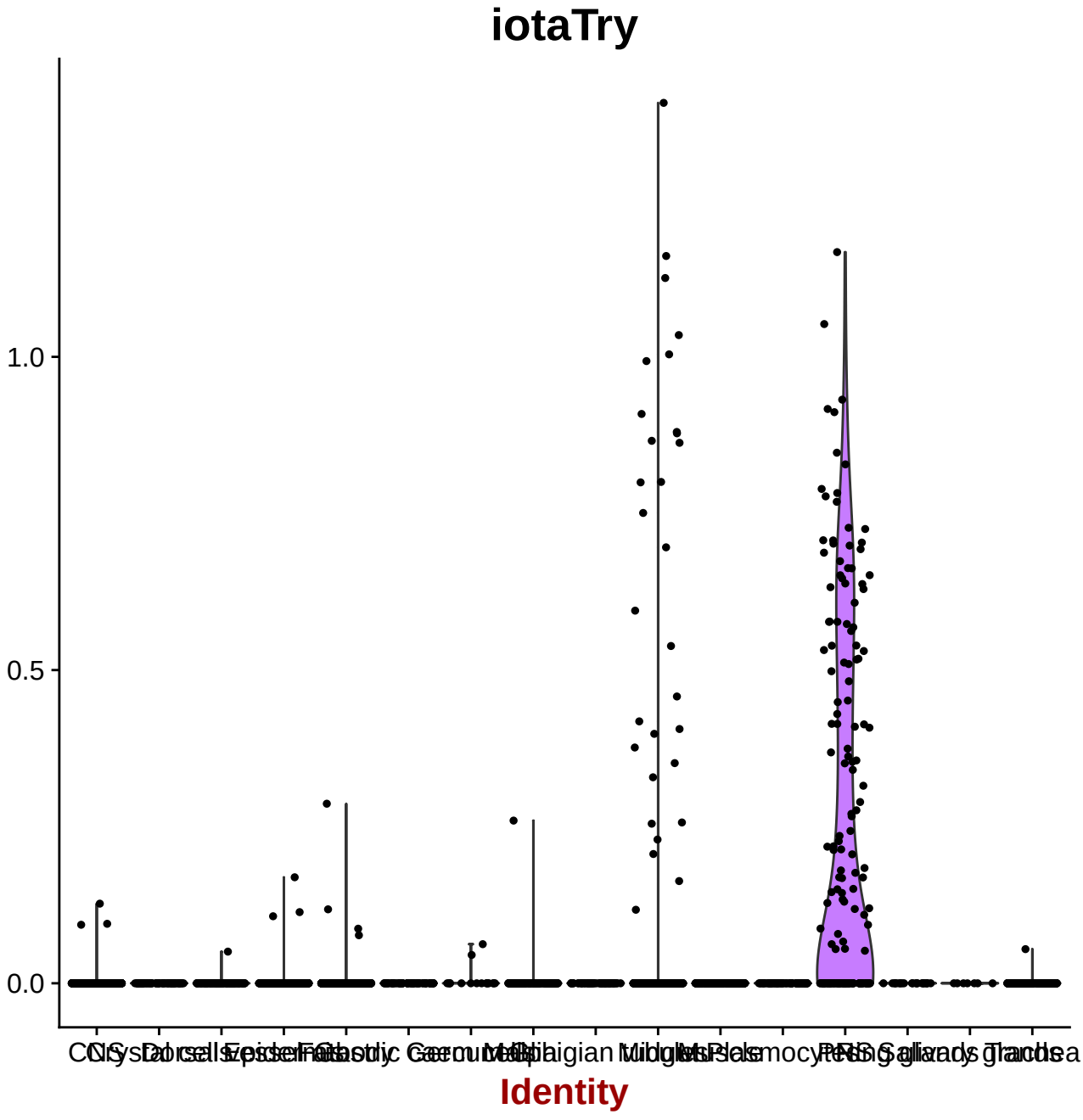

zetaTry
1.5
1.0
0.5
0.0
Identity

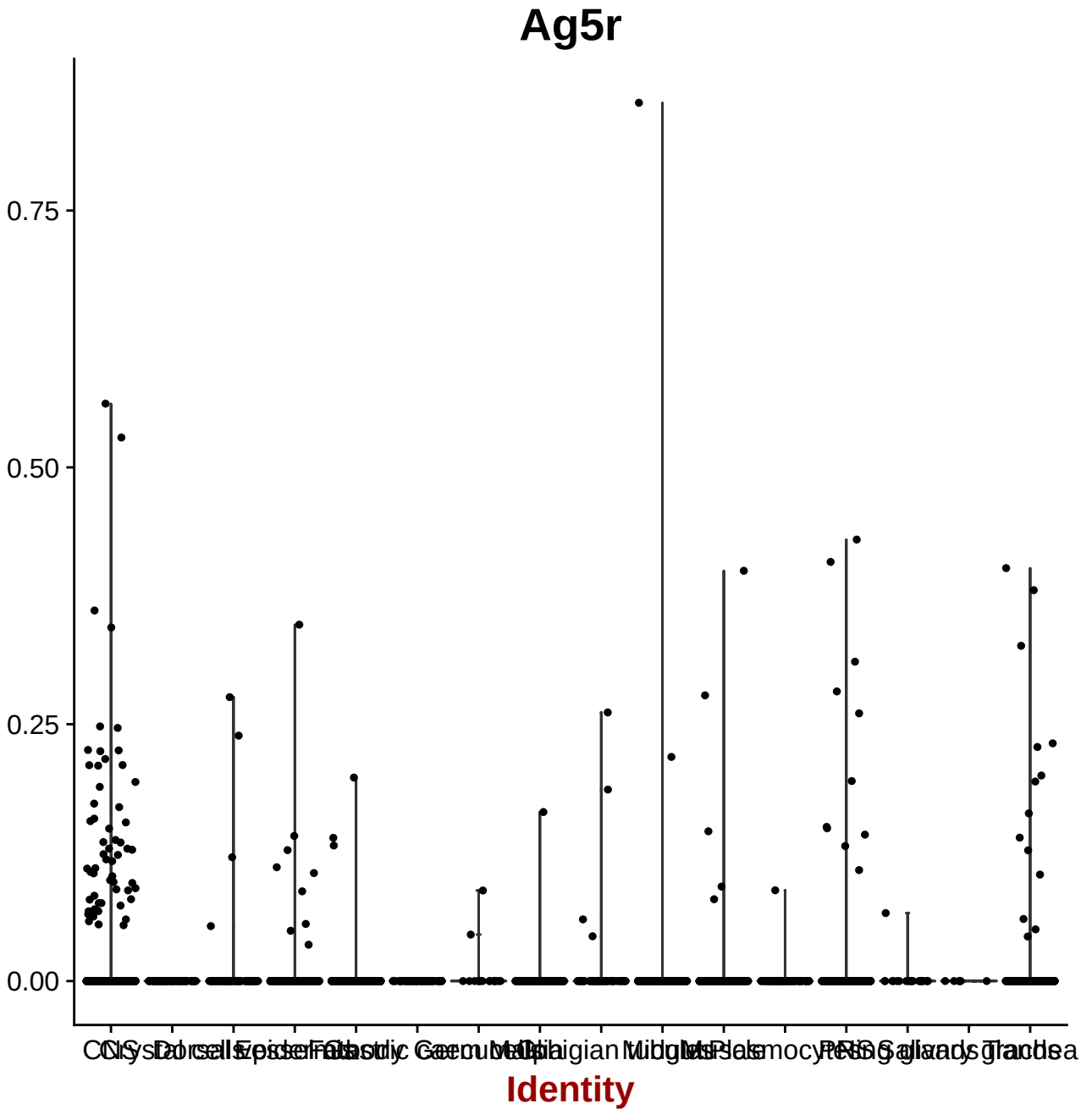

Ms
4
3
2
1
0
CNS
Dorsal root ganglion
Vessel
Enteric
Caecum
Epithelial
Muscle
Lymphocytes
PNS
Salivary gland
Trachea
Identity

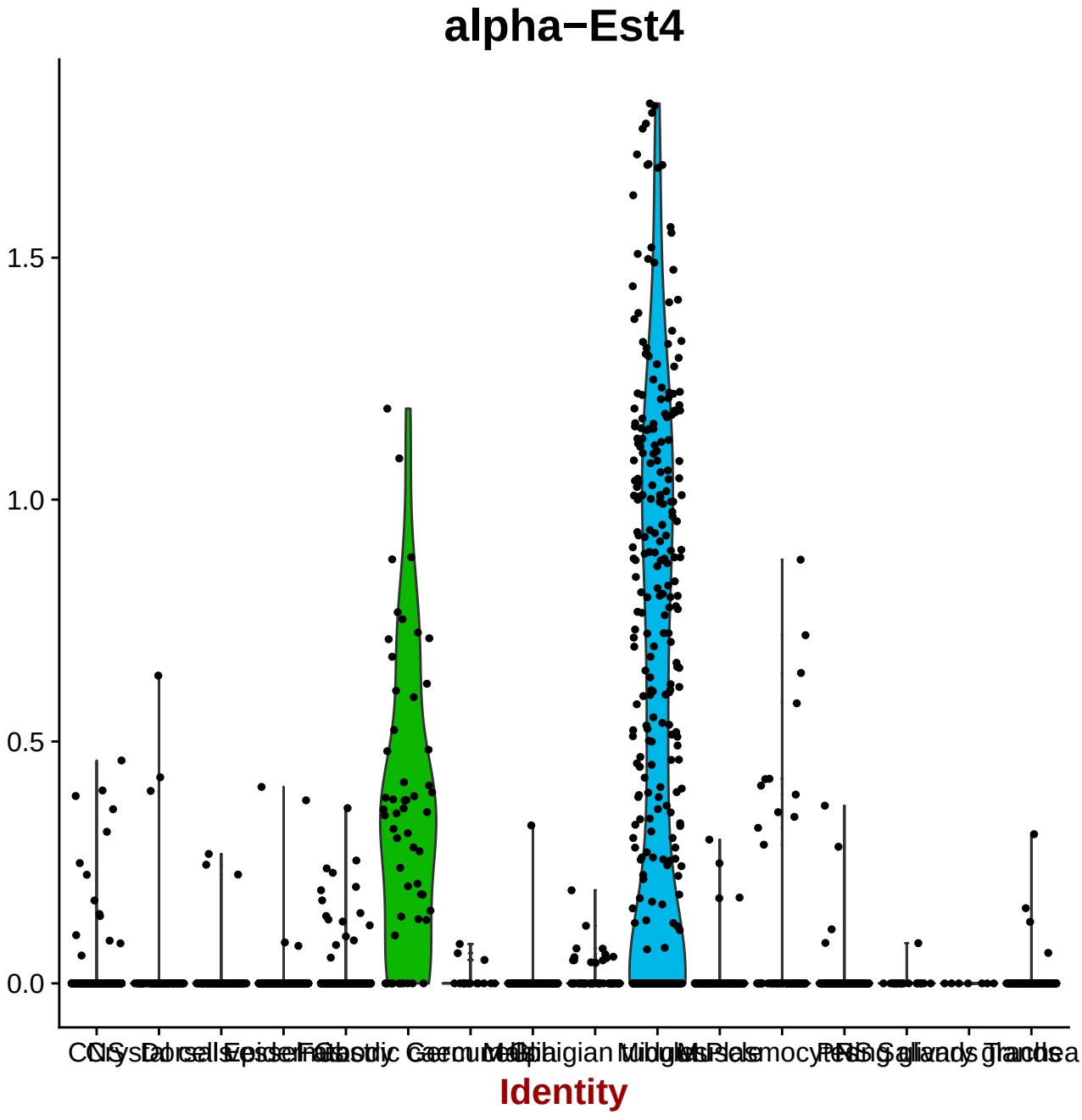

Ser6
2.0
1.5
1.0
0.5
0.0
Identity

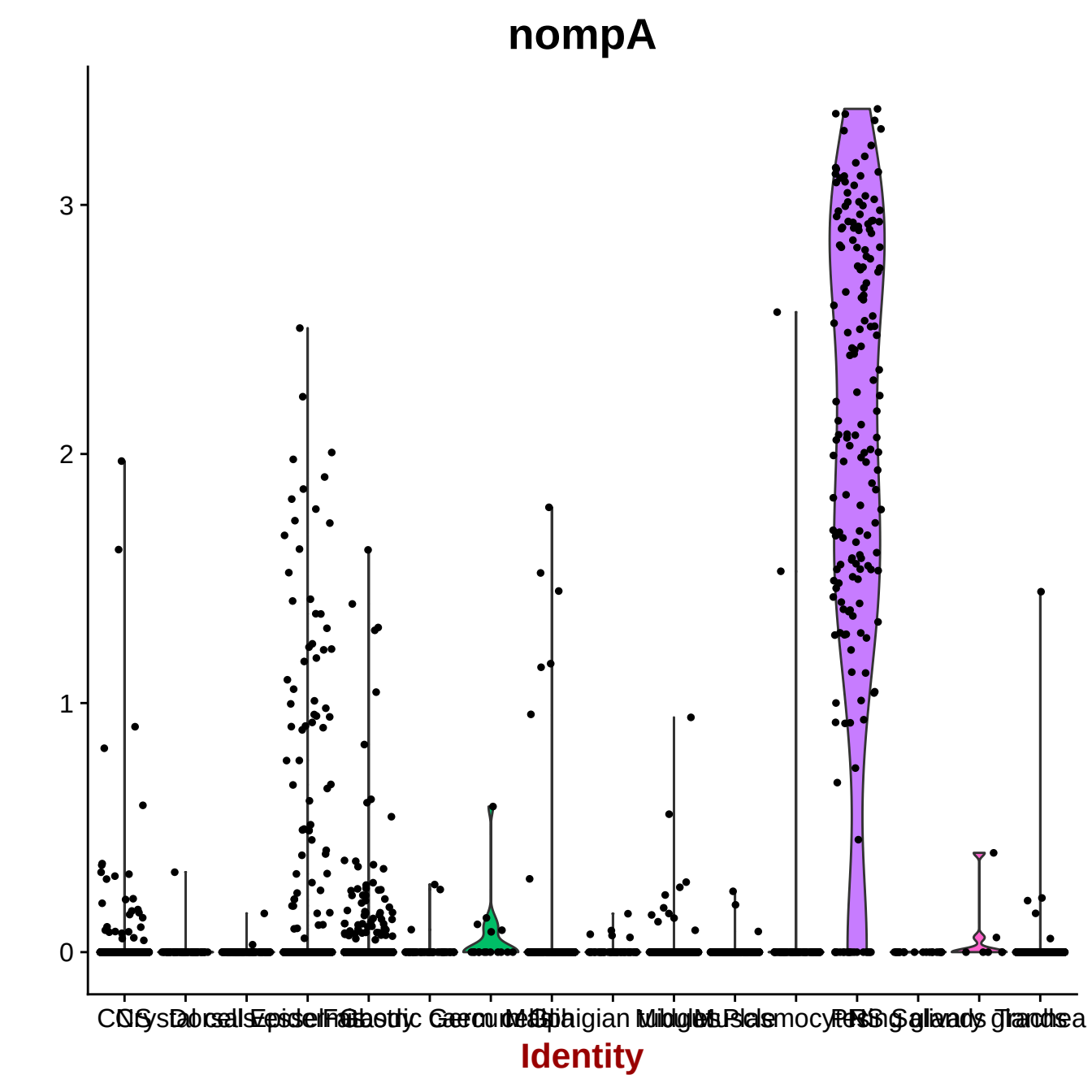

Hsp70Bc
2.0
1.5
1.0
0.5
0.0
Identity

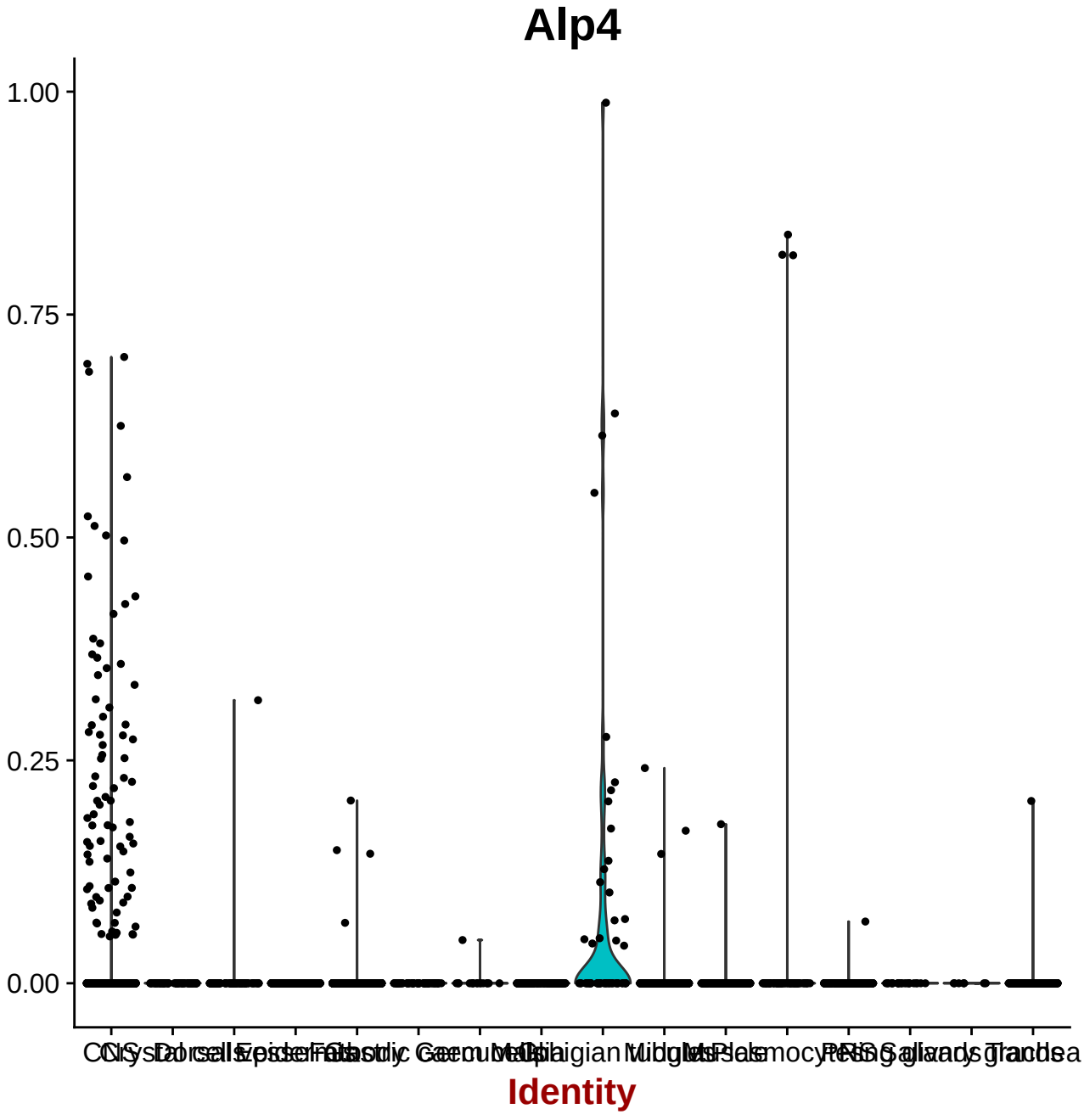

Odc1
1.5
1.0
0.5
0.0
Identity

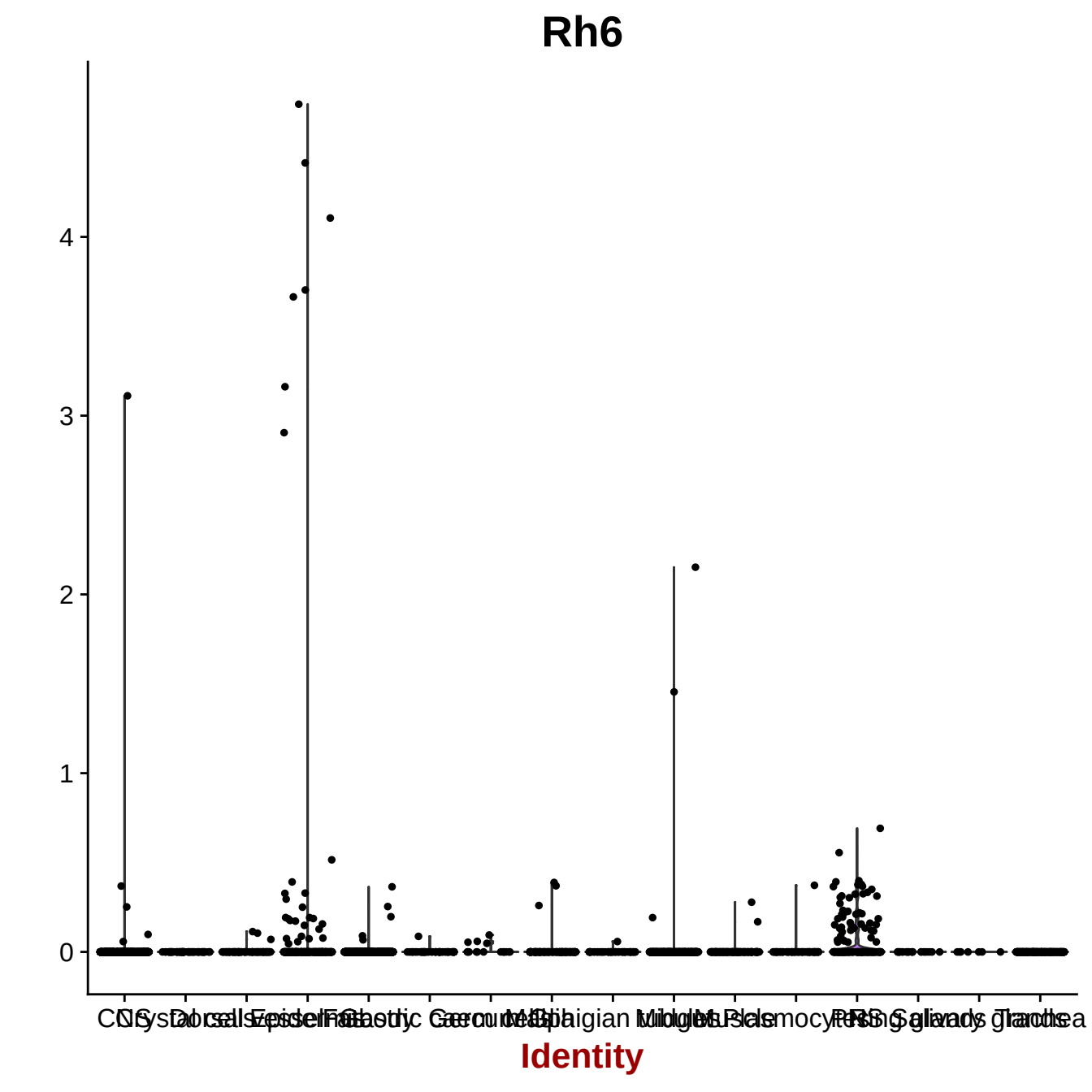

iotaTry
1.0
0.5
0.0
Identity

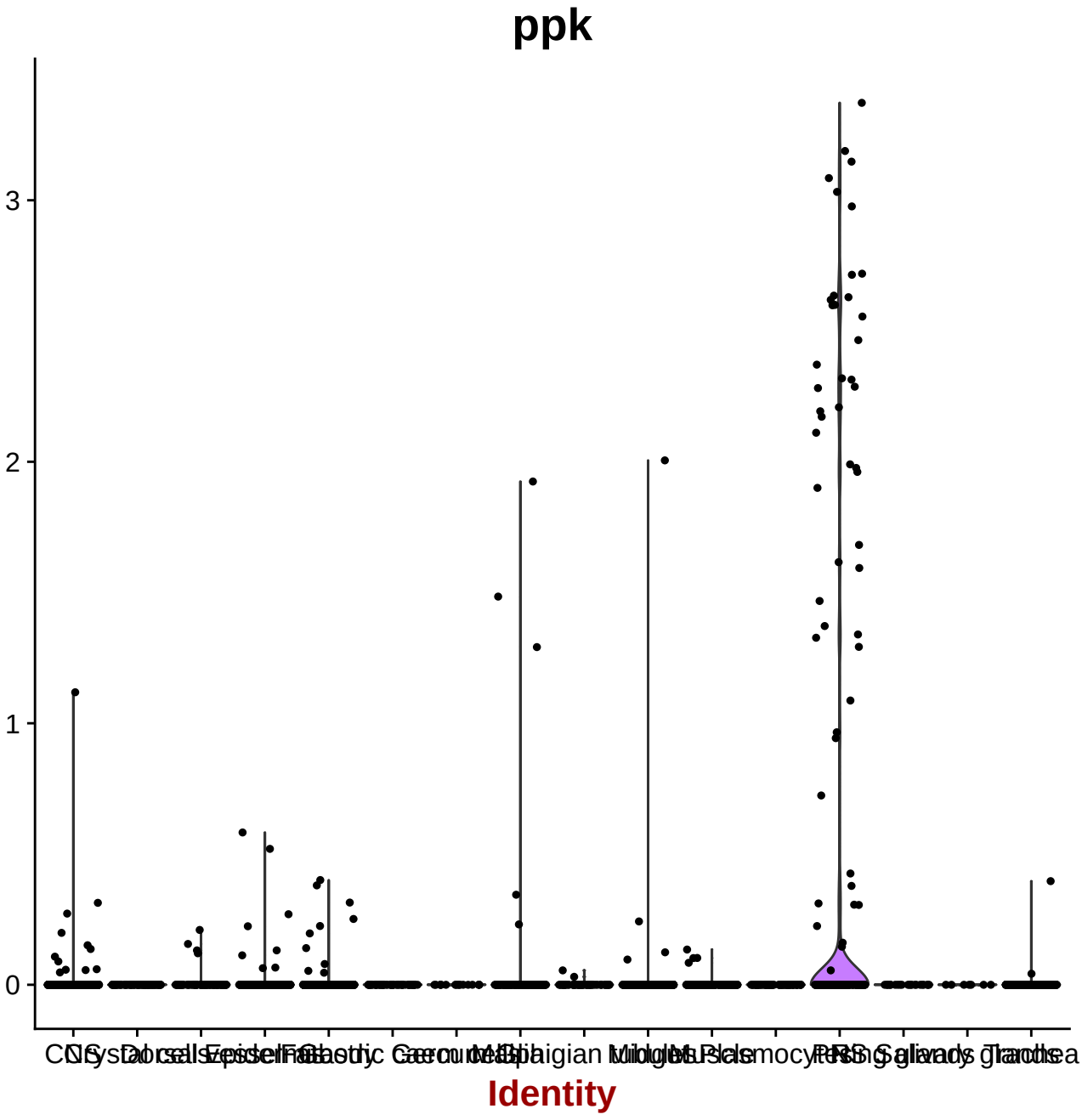

Ag5r
0.75
0.50
0.25
0.00
Identity

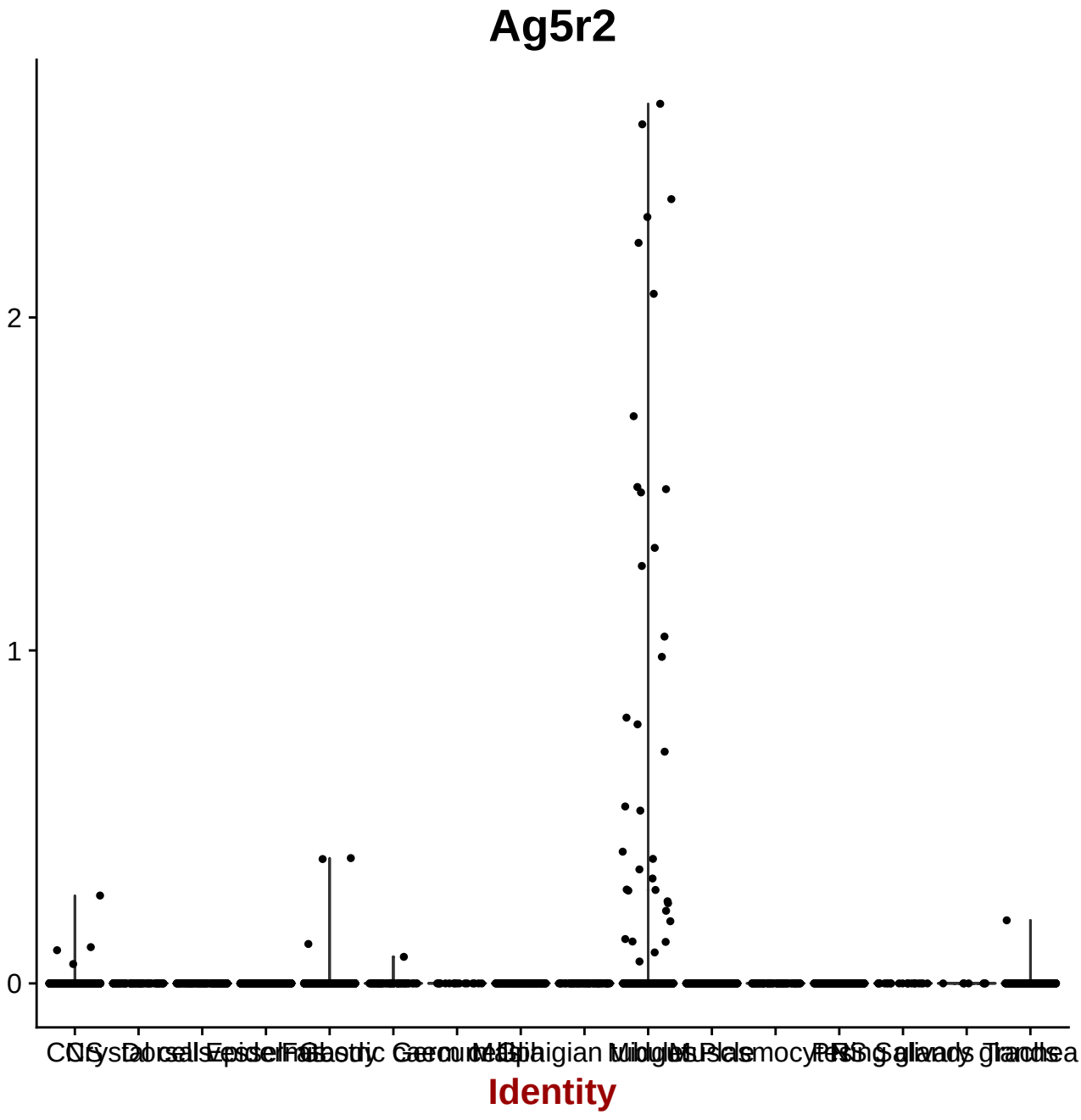

alpha−Est4
1.5
1.0
0.5
0.0
Identity

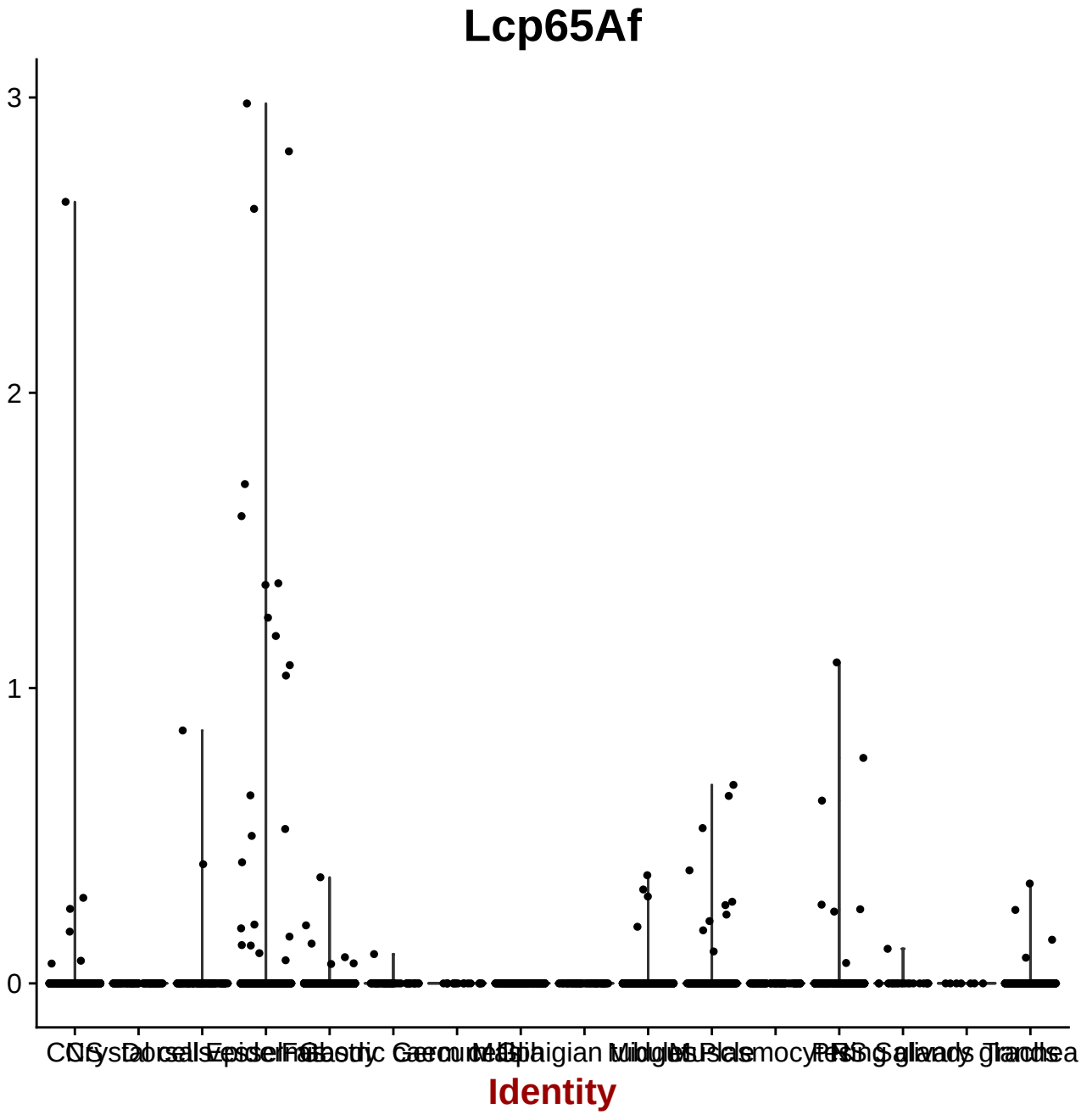

nompA
3
2
1
0
CNS
Dorsal epidermis
Ventral epidermis
Foregut
Stomatogastric ganglion
Carcinomedin
Muscle
Hindgut
Malpighian tubules
Hemocytes
PBS
Salivary gland
Trachea
Identity

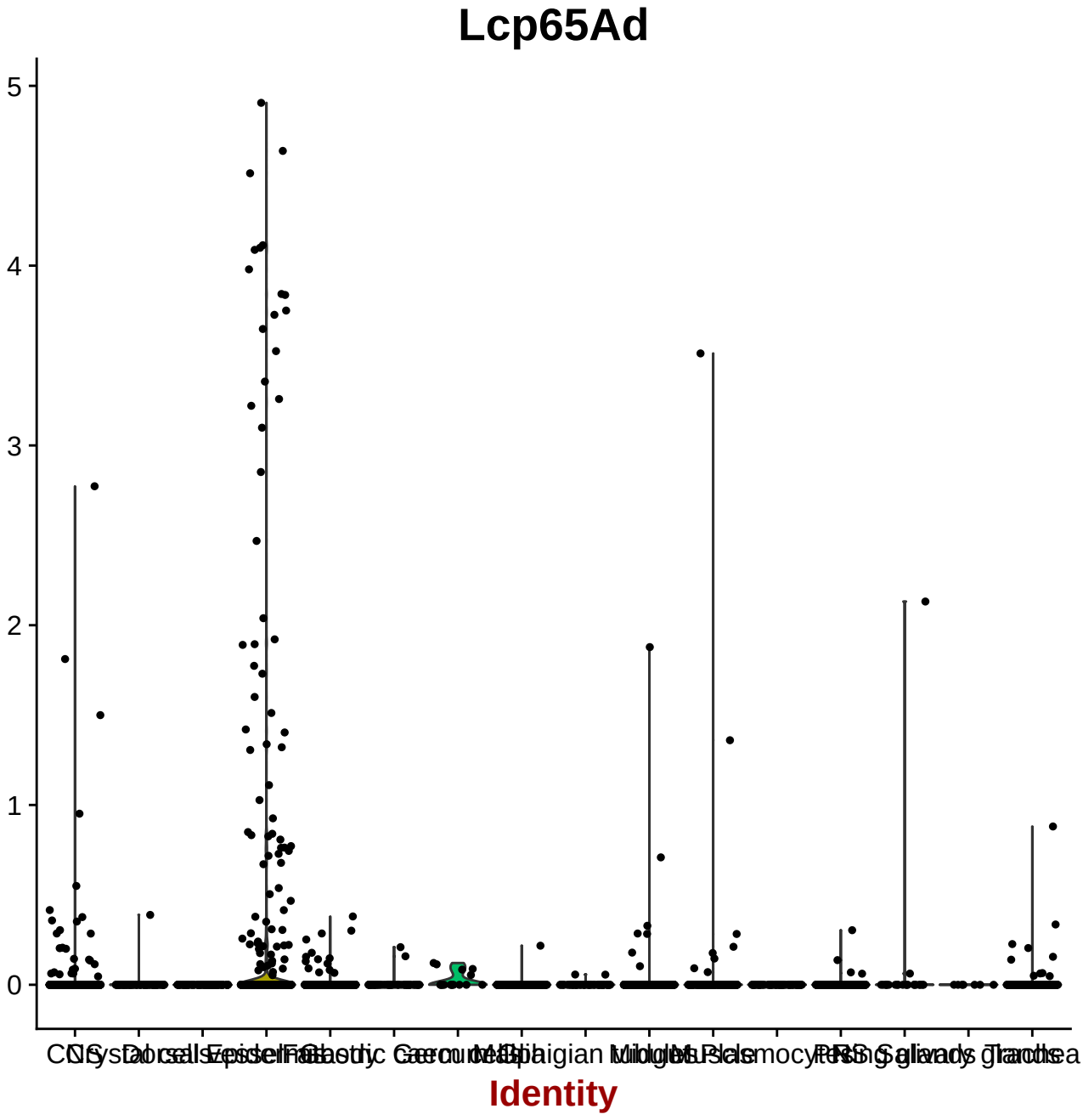

Alp4
1.00
0.75
0.50
0.25
0.00
Identity


Rh6
4
3
2
1
0
CNS
Dorsal root ganglion
Vessel
Enteric
Caecum
Epithelial
Muscle
Lymphocyte
PNS
Salivary gland
Trachea
Identity


ppk
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


Ag5r2
2
1
0
CNS
Dorsal vessel
Epidermis
Elastic
Germ cells
Hemocytes
Midgut
Muscle
Salivary gland
Trachea
Identity


Lcp65Af
3
2
1
0
CNS
Dorsal epidermis
Crystal cells
Fat body
Gastric caecum
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


Lcp65Ad
5
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3
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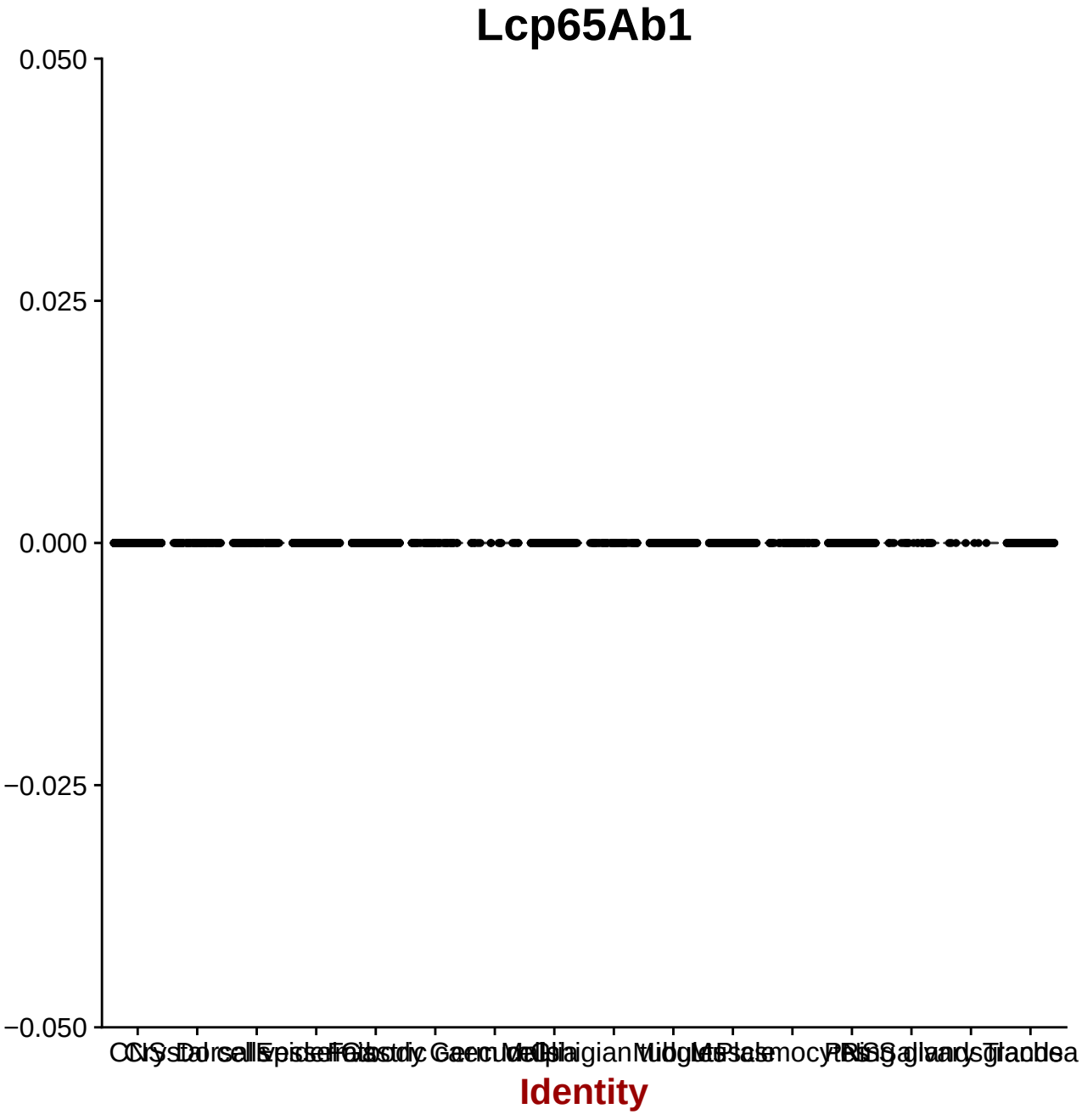
1
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


Lcp65Ab1
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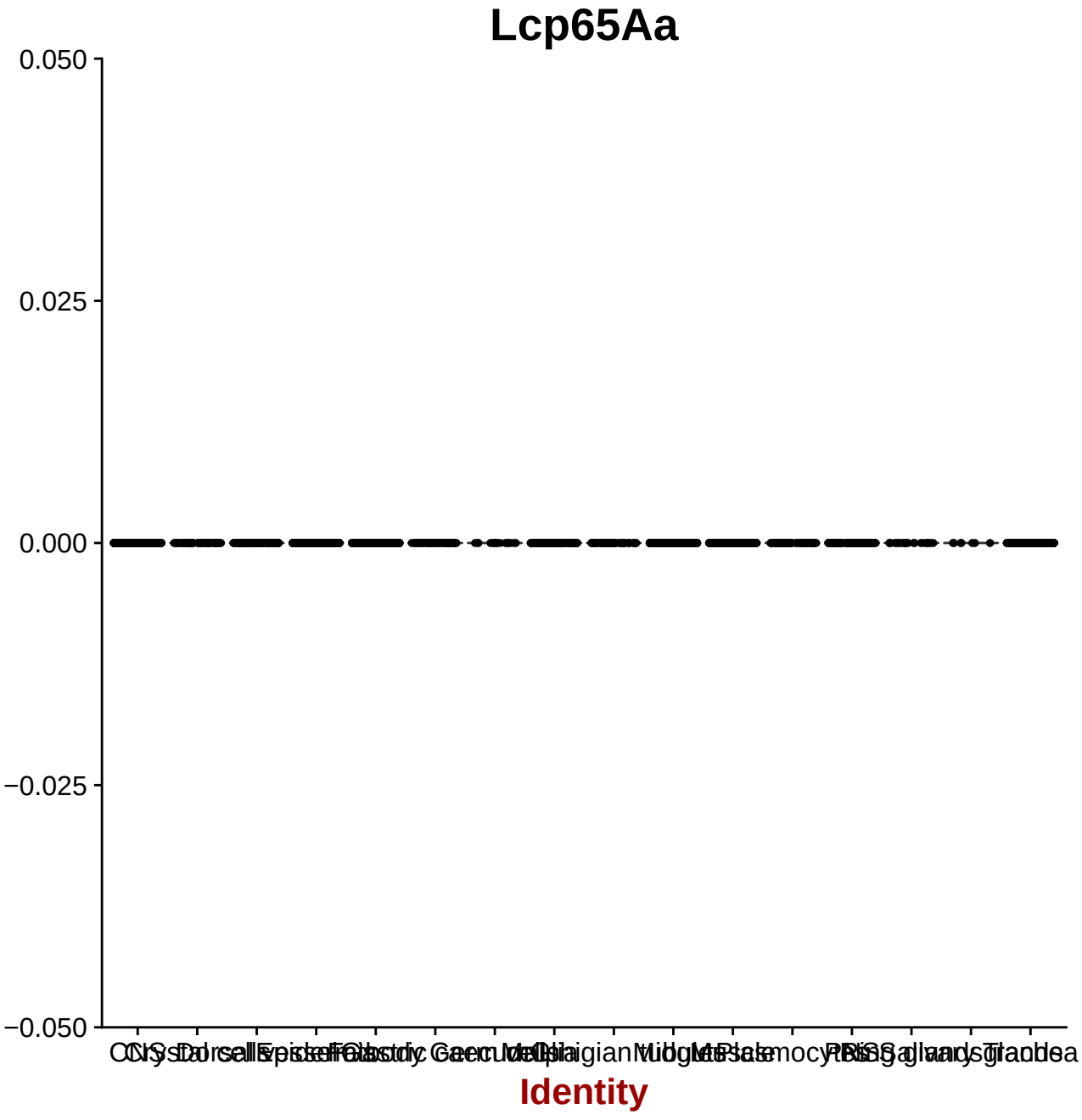
Identity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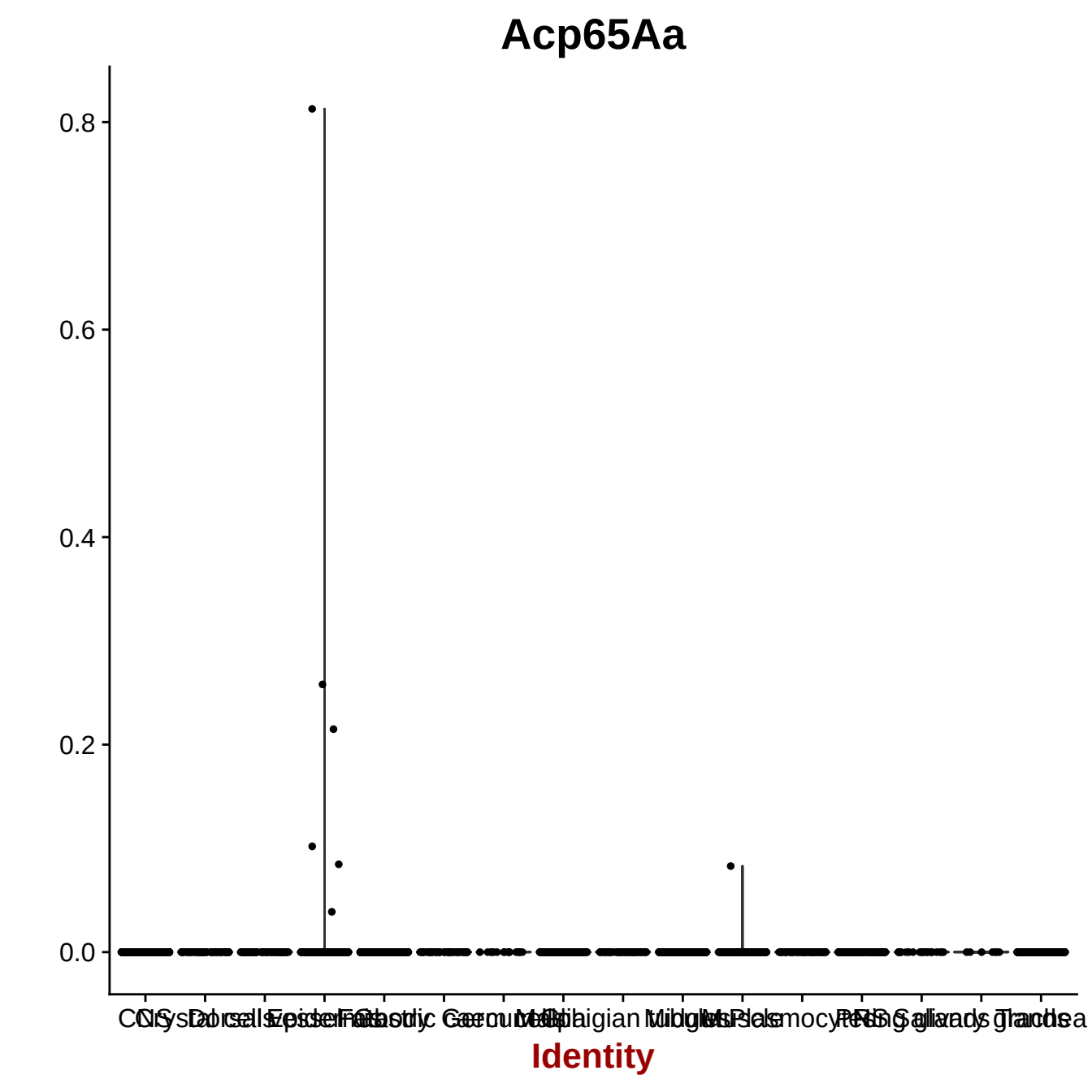
Identity


Acp65Aa
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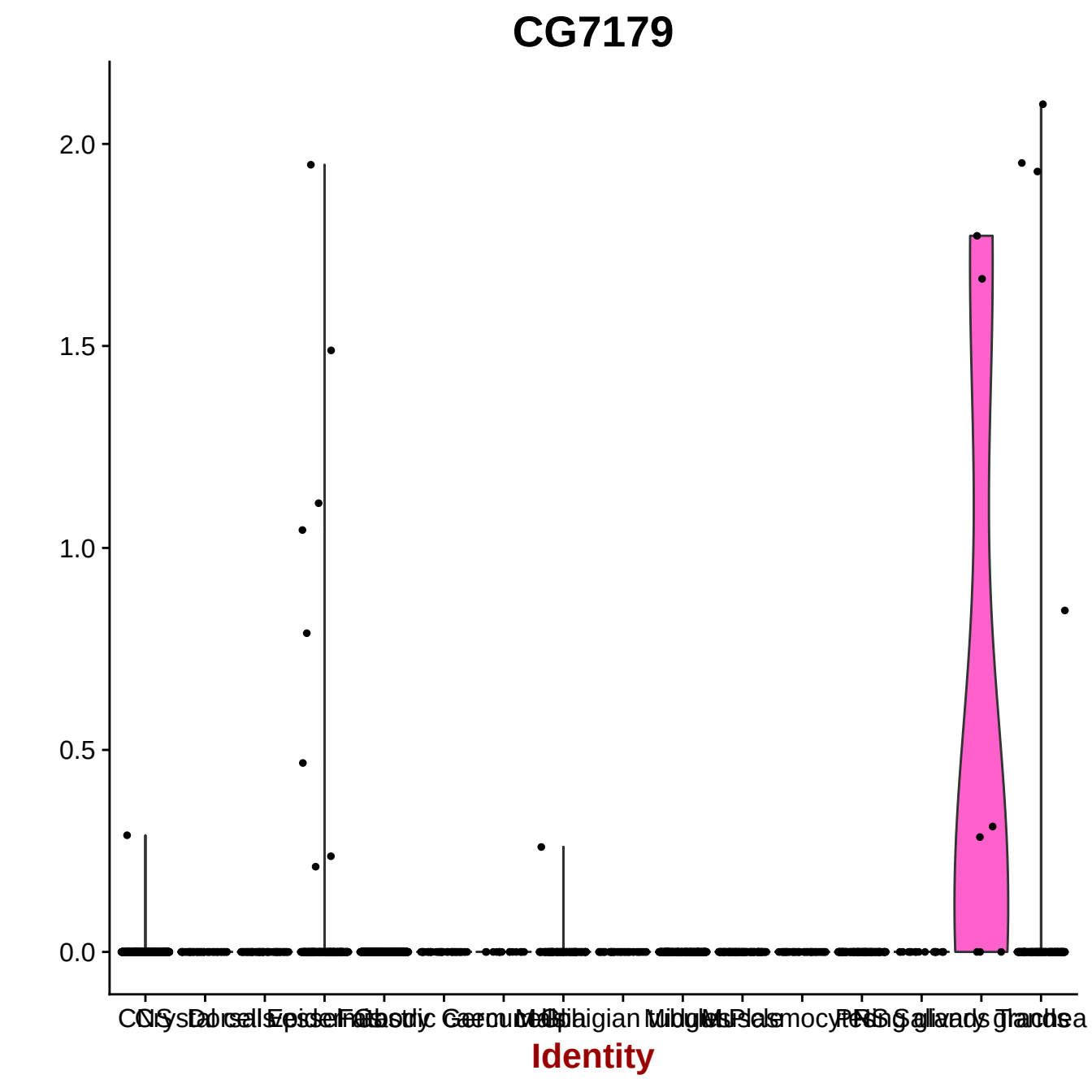
Identity


CG7179
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1.5
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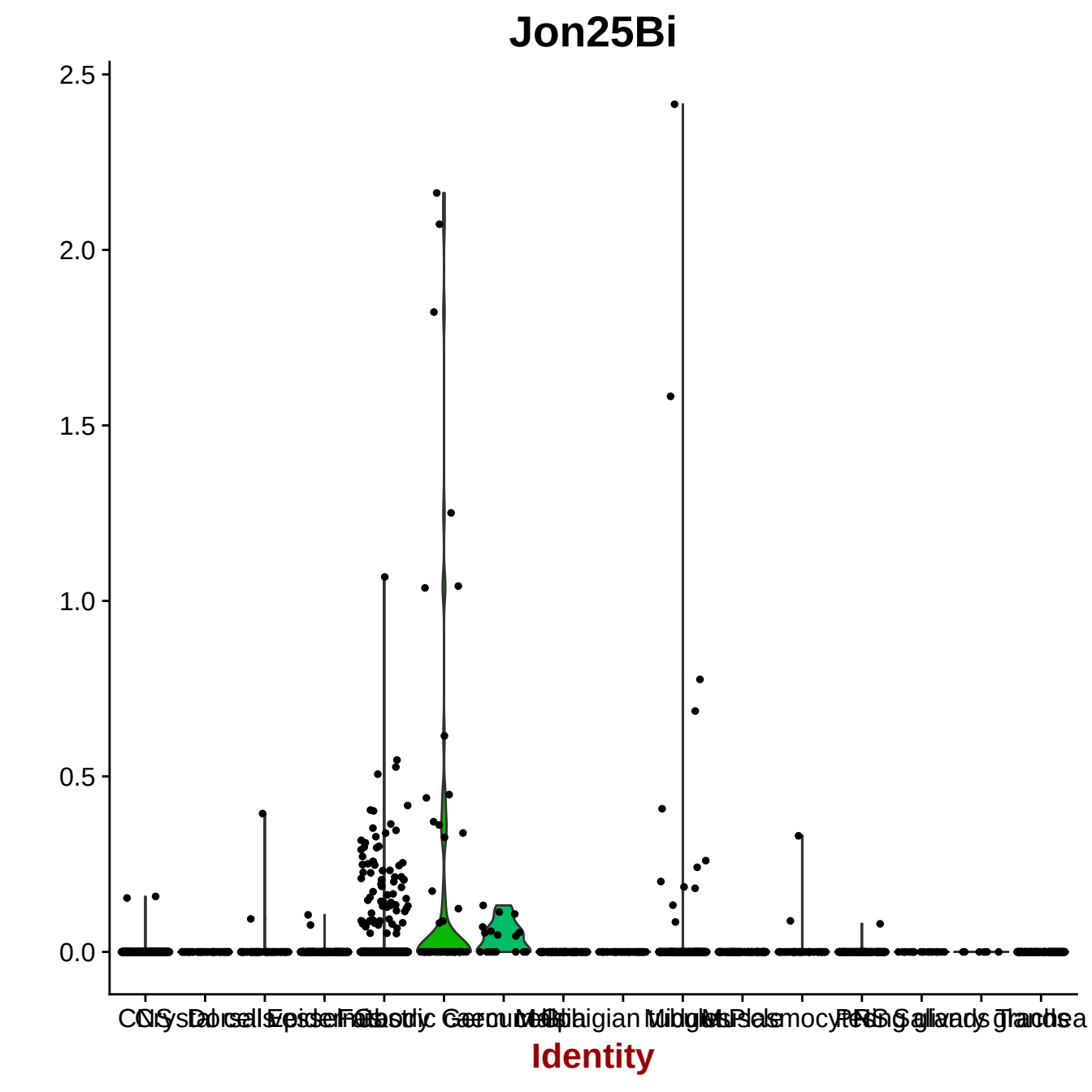
0.5
0.0
Identity


Jon25Bi
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1.5
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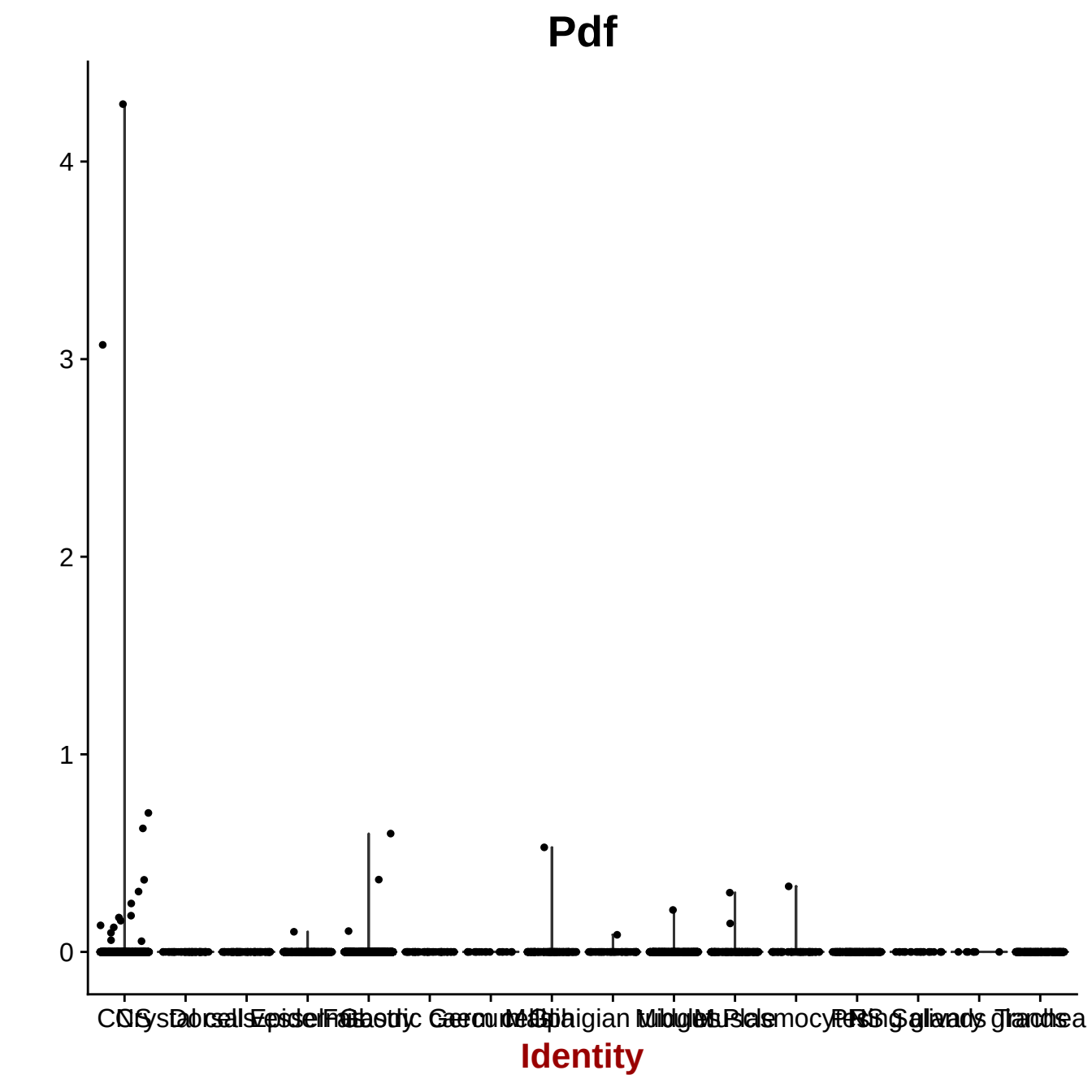
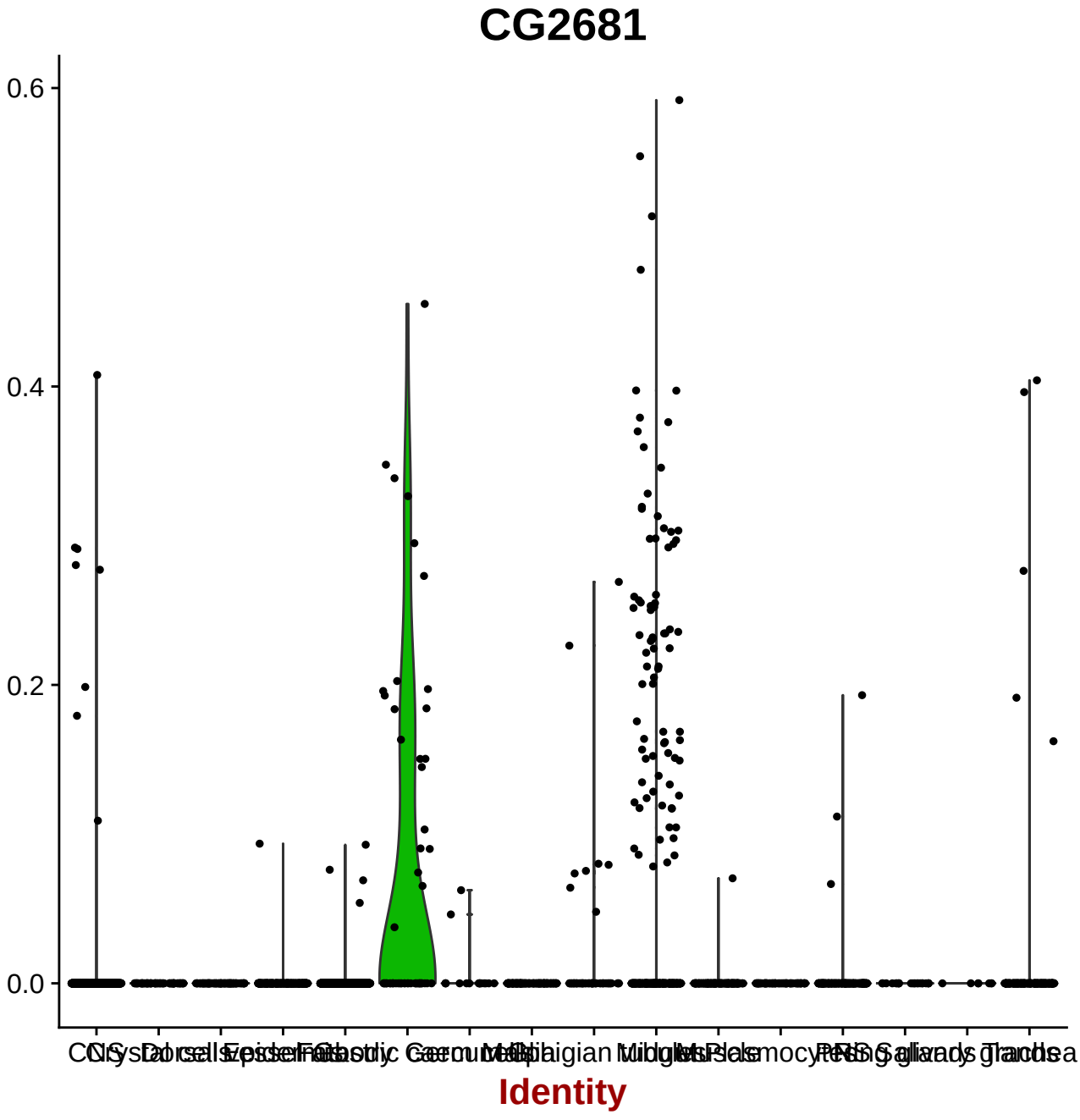
0.0
Identity


Pdf
4
3
2
1
0
CNS
Dorsal root ganglion
Vessel
Endothelial
Stromal
Cardiomyocyte
Epithelial
Myeloid
Lymphocyte
Muscle
Pancreas
Salivary gland
Trachea
Identity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0.4
0.2
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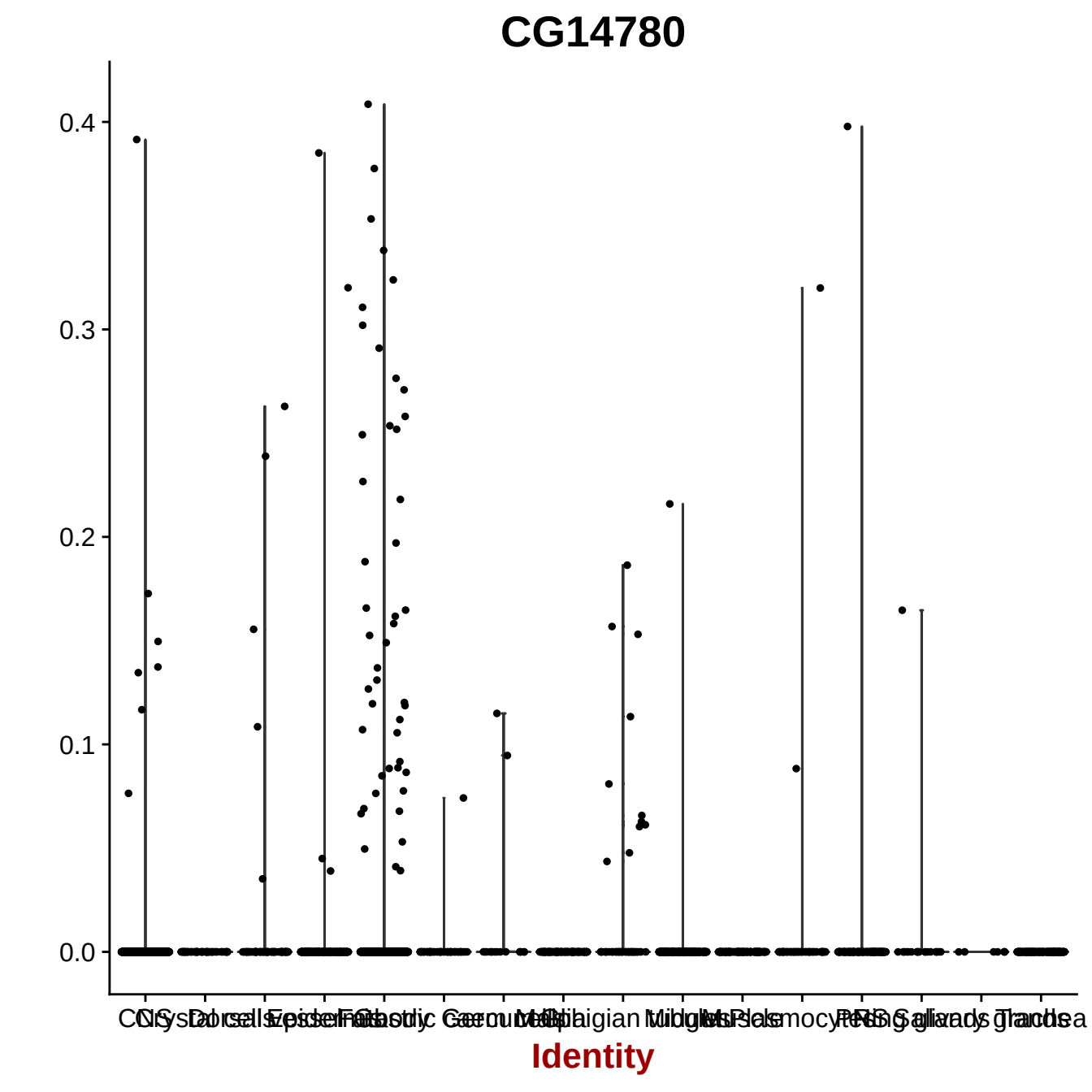
Identity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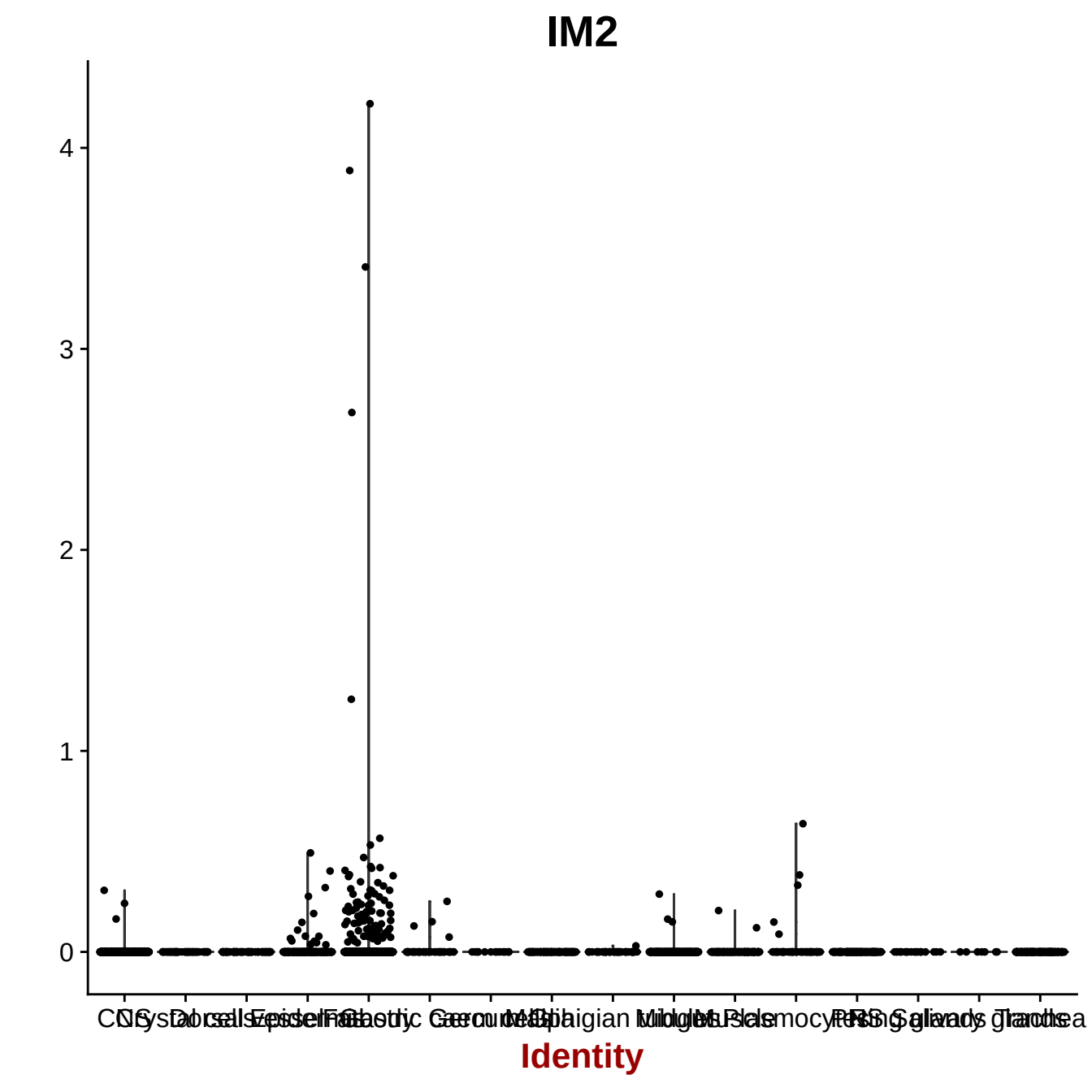
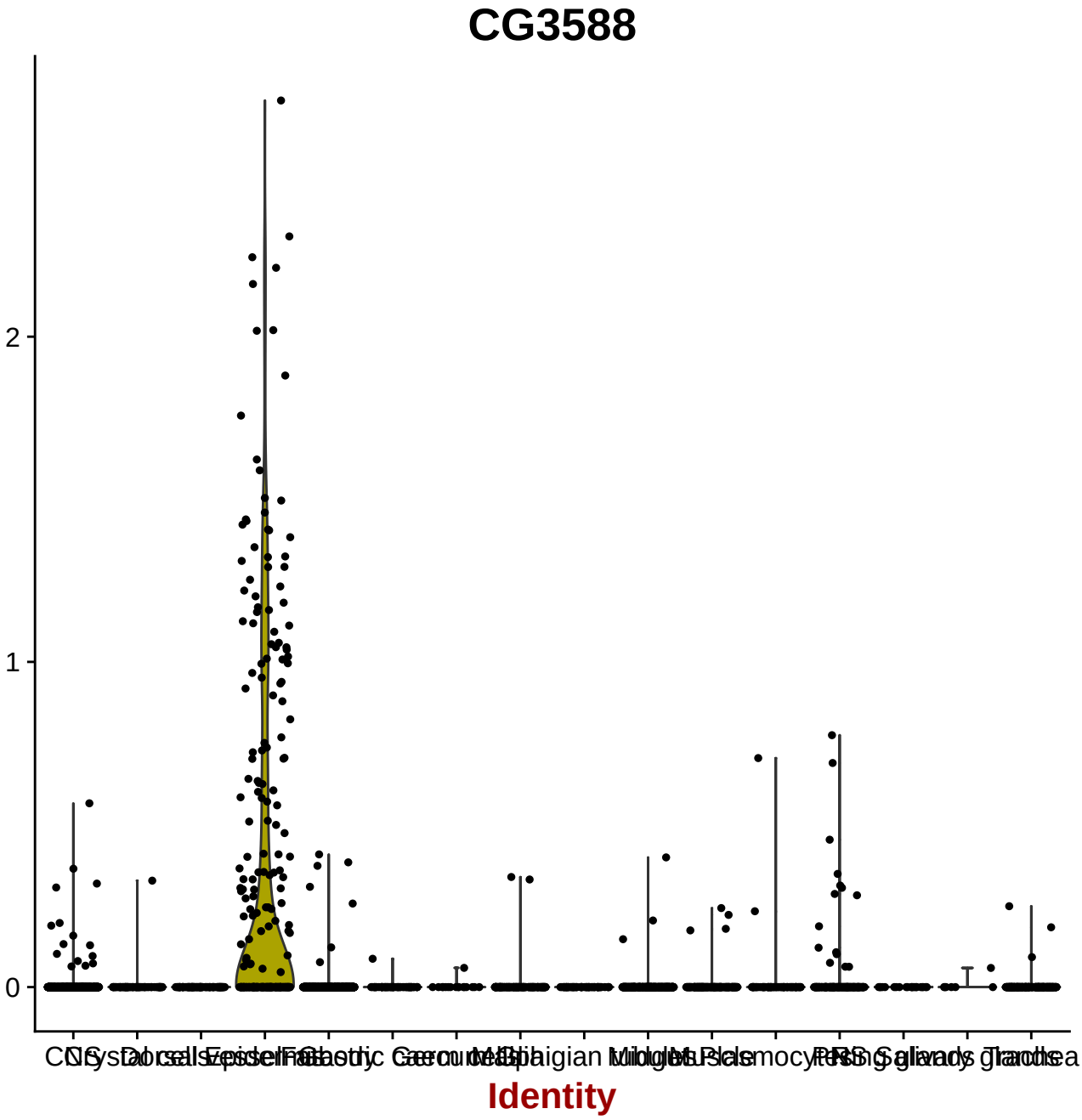
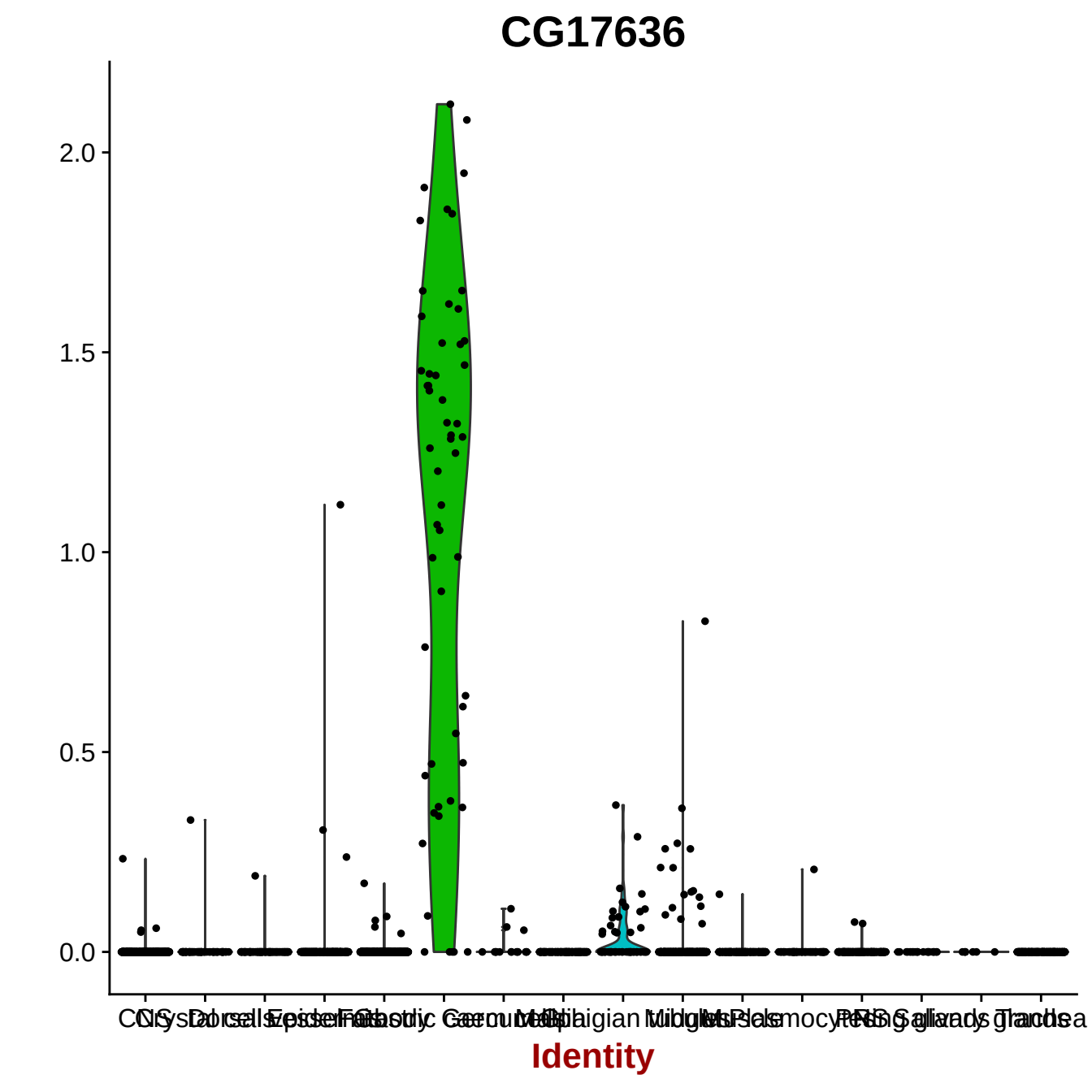
0.2
0.1
0.0
Identity


IM2
4
3
2
1
0
CNS
Dorsal root ganglion
Epithelial
Fibroblastic
Gastric
Germ cell
Hepatocyte
Kidney
Lymphoid
Myeloid
Pancreatic
PBS
Salivary gland
Trachea
Identity


CG3588
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caecum
Malpighian tubules
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG17636
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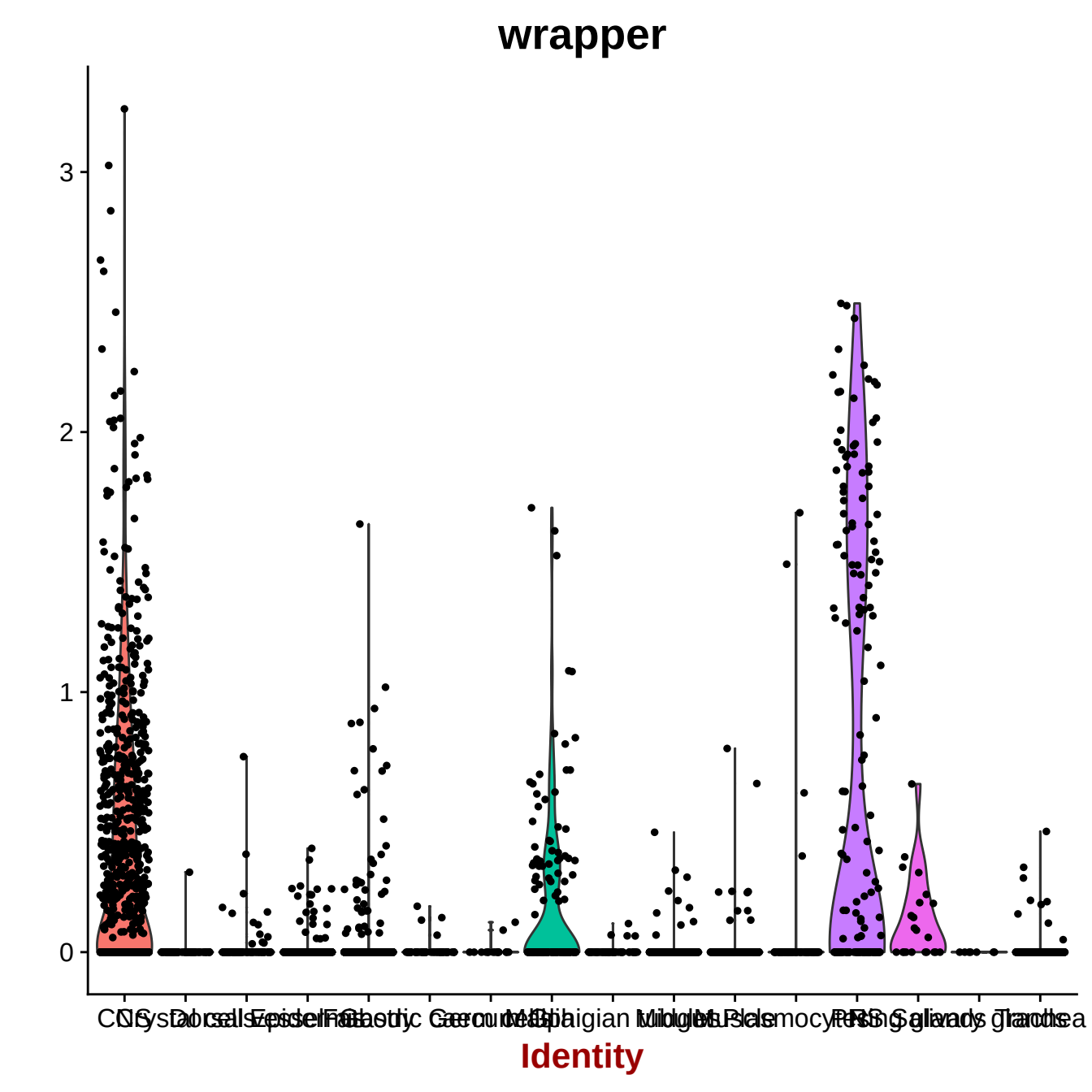
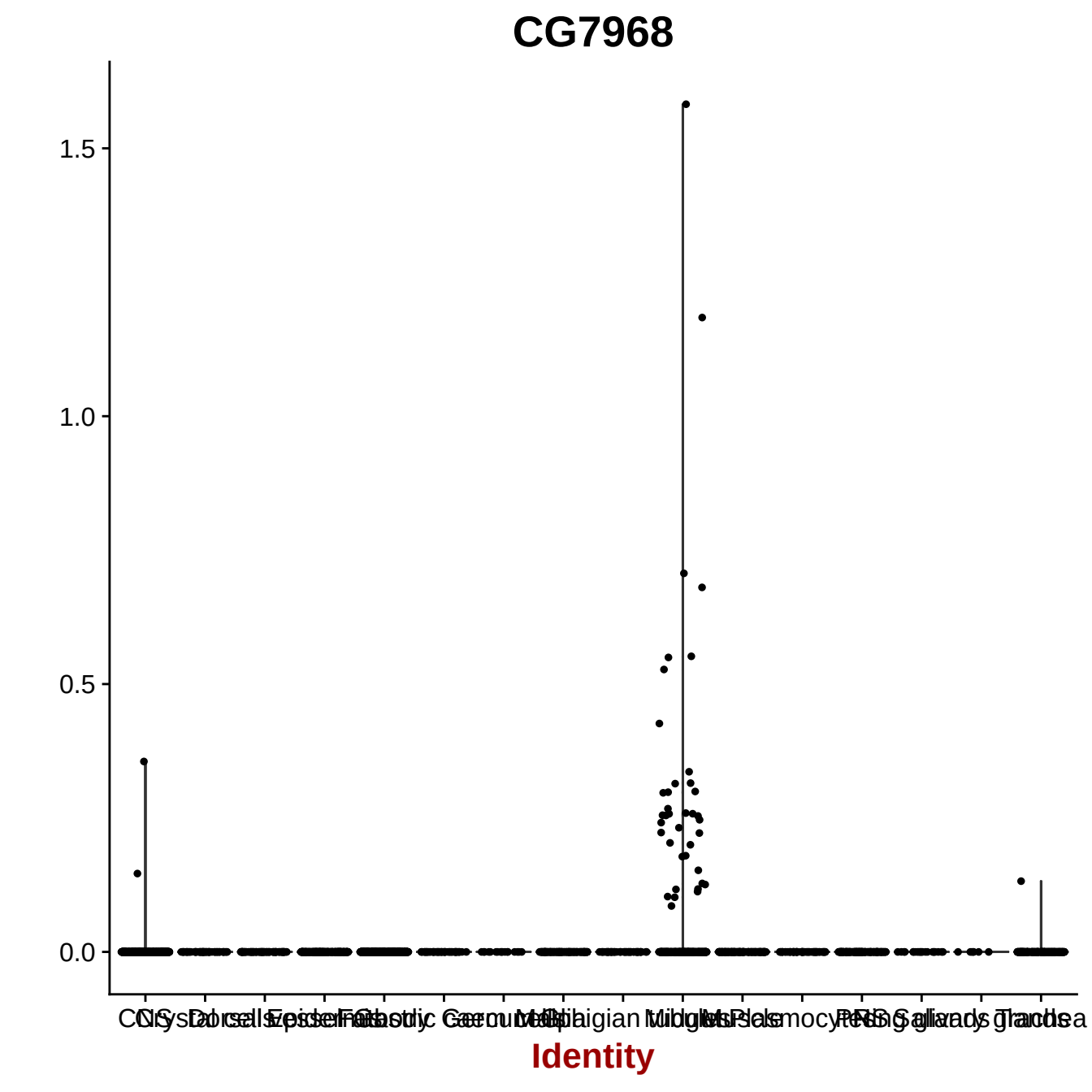
1.5
1.0
0.5
0.0
Identity


wrapper
3
2
1
0
CNS
Dorsal root ganglion
Epidermis
Esophagus
Gastric
Germ cell
Hepatocyte
Kidney
Malpighian tubule
Muscle
Neuroblast
Oocyte
PBS
Salivary gland
Testis
Trachea
Identity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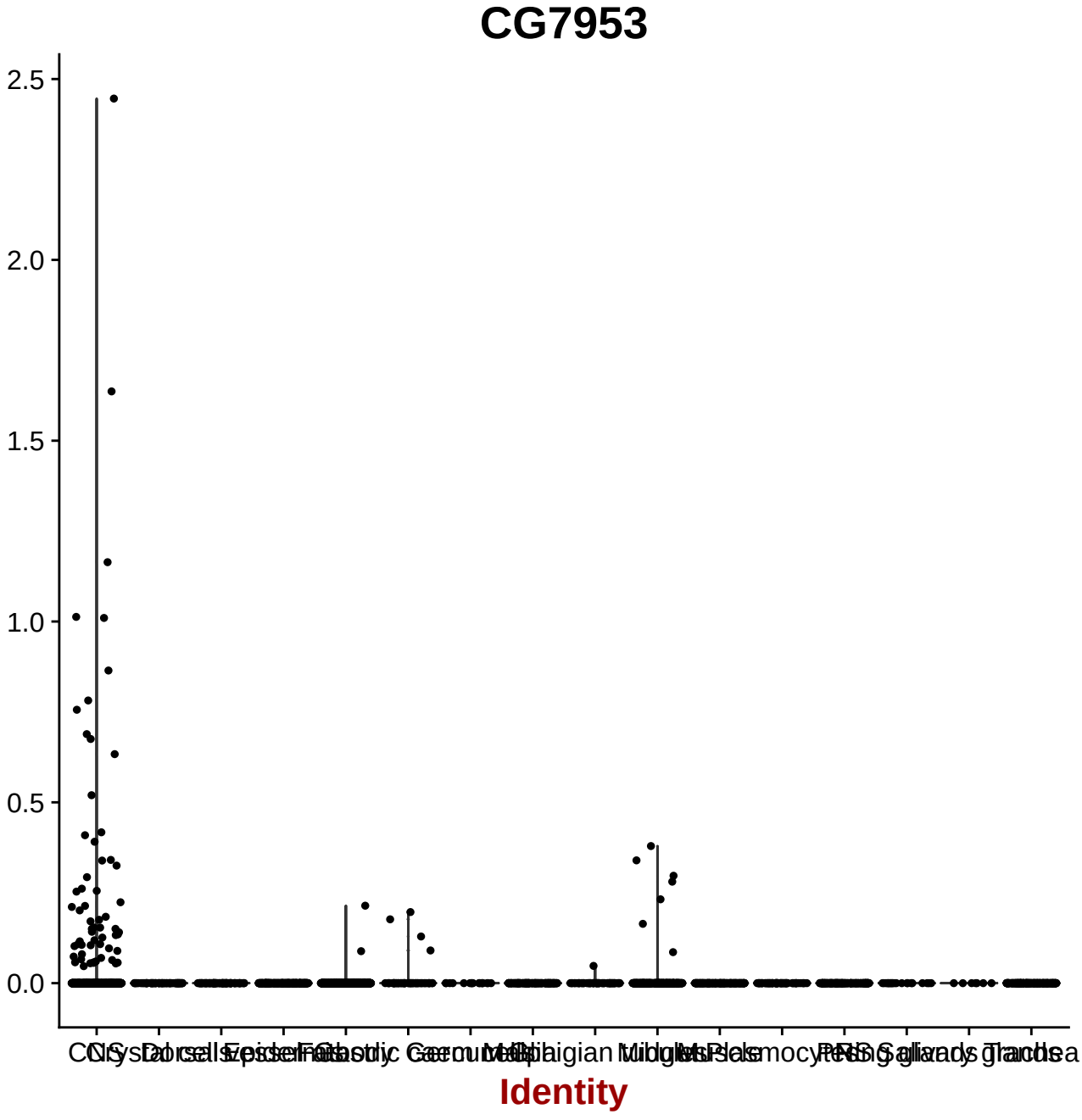
0.5
0.0
Identity


CG7953
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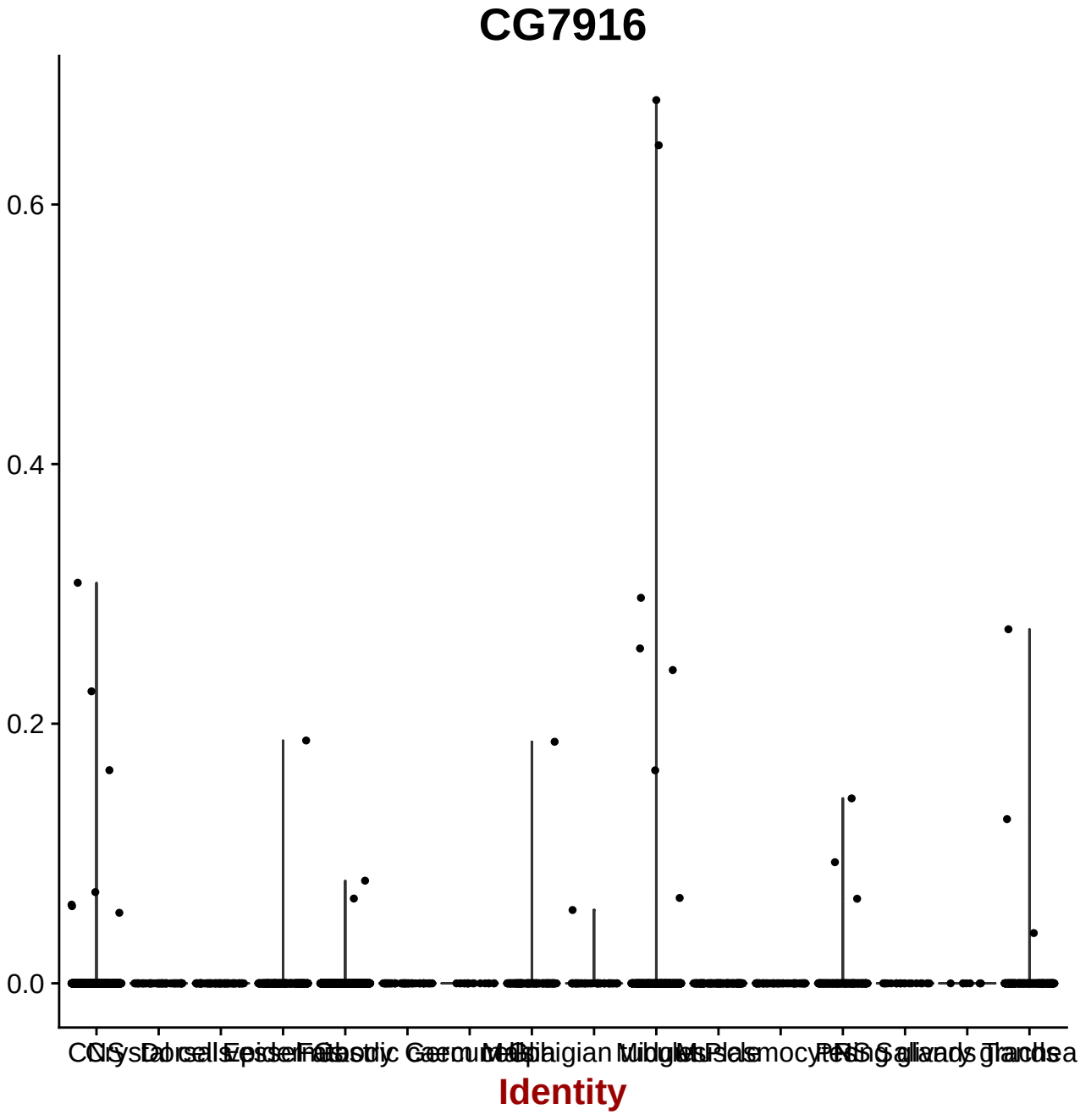
1.0
0.5
0.0
Identity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0.2
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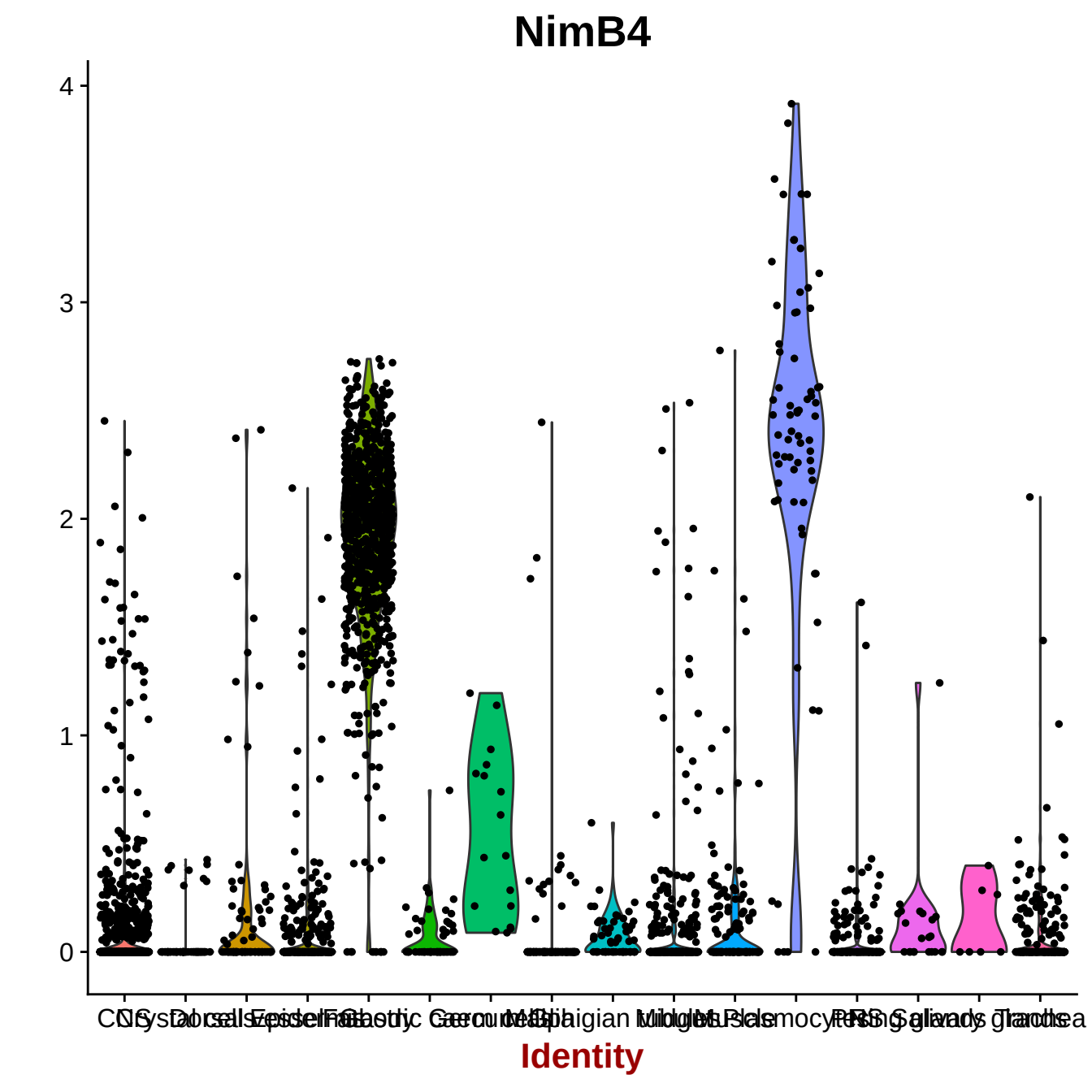
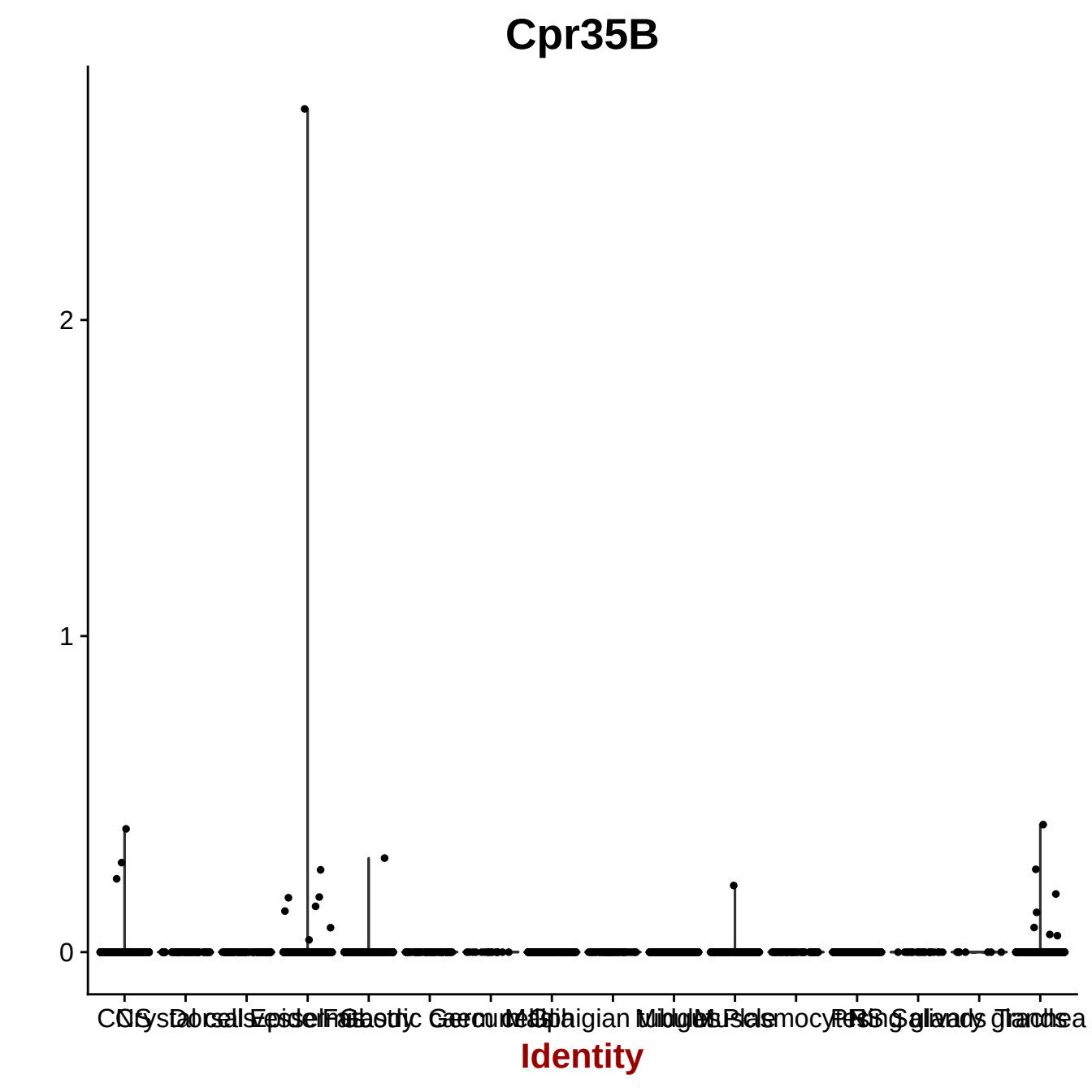
Identity


NimB4
4
3
2
1
0
CNS
Dorsal root ganglion
Epidermis
Epithelial
Fibroblastic
Germ cells
Glial
Malpighian tubule
Muscle
Neuron
Hemocytes
PNS
Salivary gland
Trachea
Identity


Cpr35B
2
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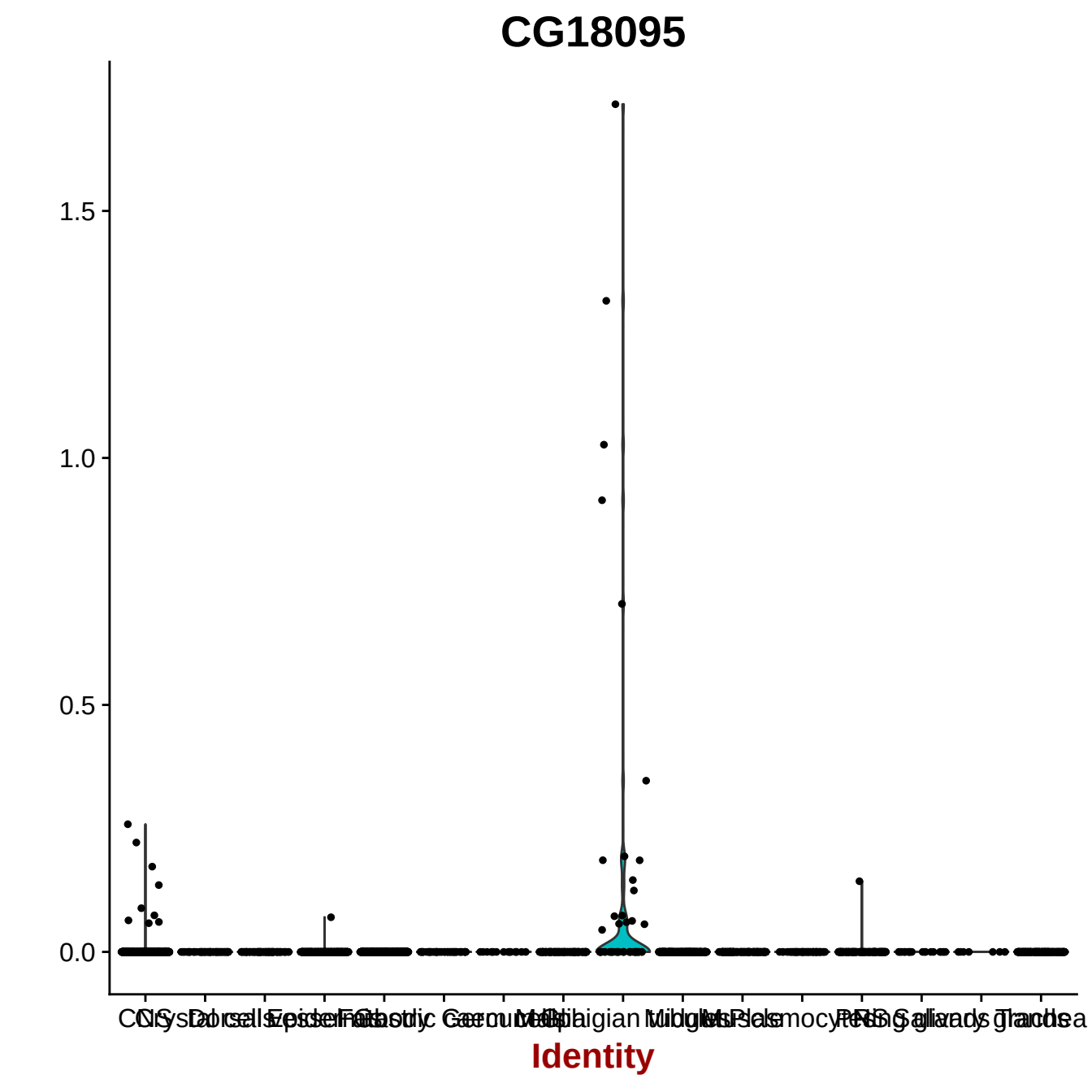
CNS
Dorsal epidermis
Crystal cell
Vessel
Hemocytes
Gastric caecum
Malpighian tubules
Midgut
Salivary gland
Trachea
Identity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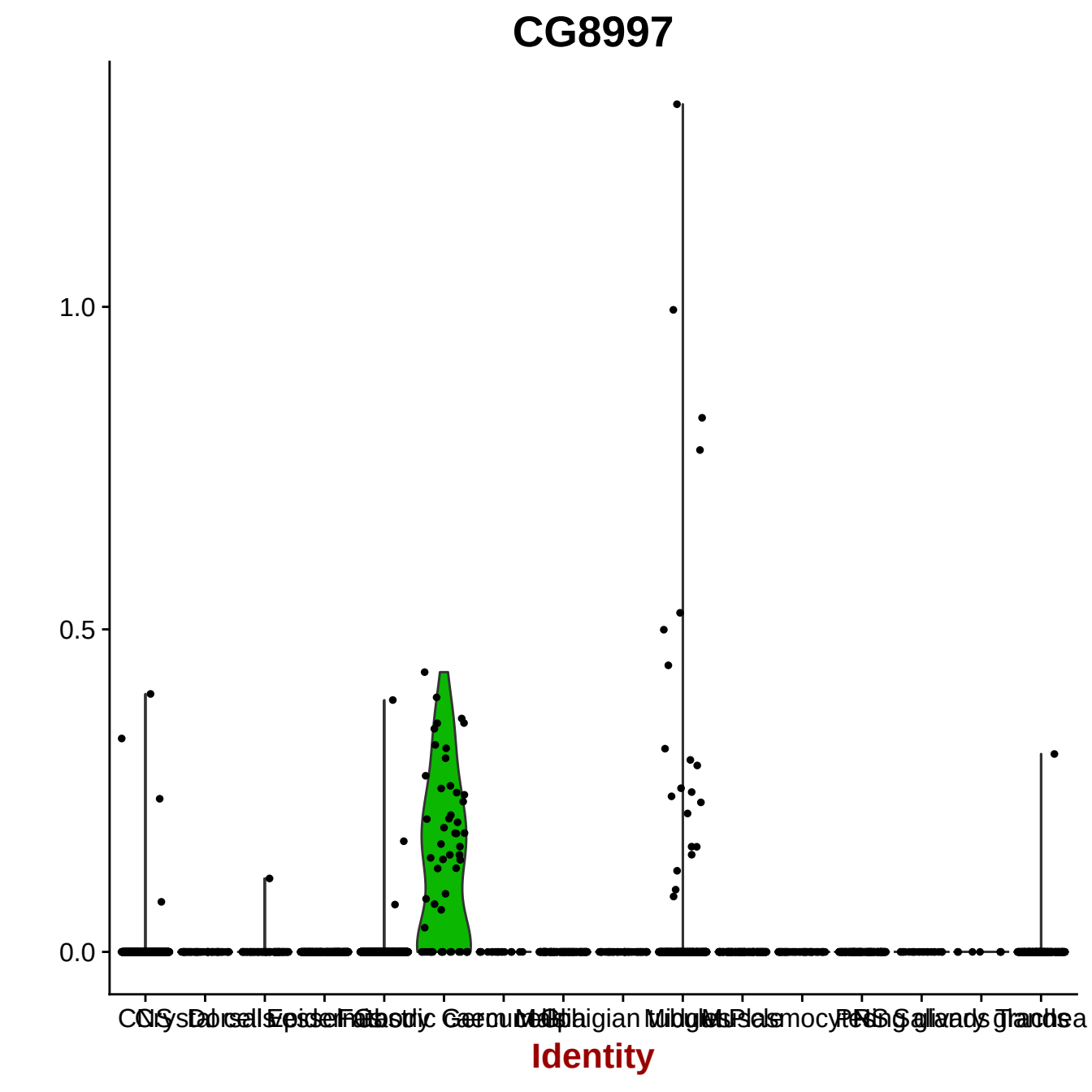
Identity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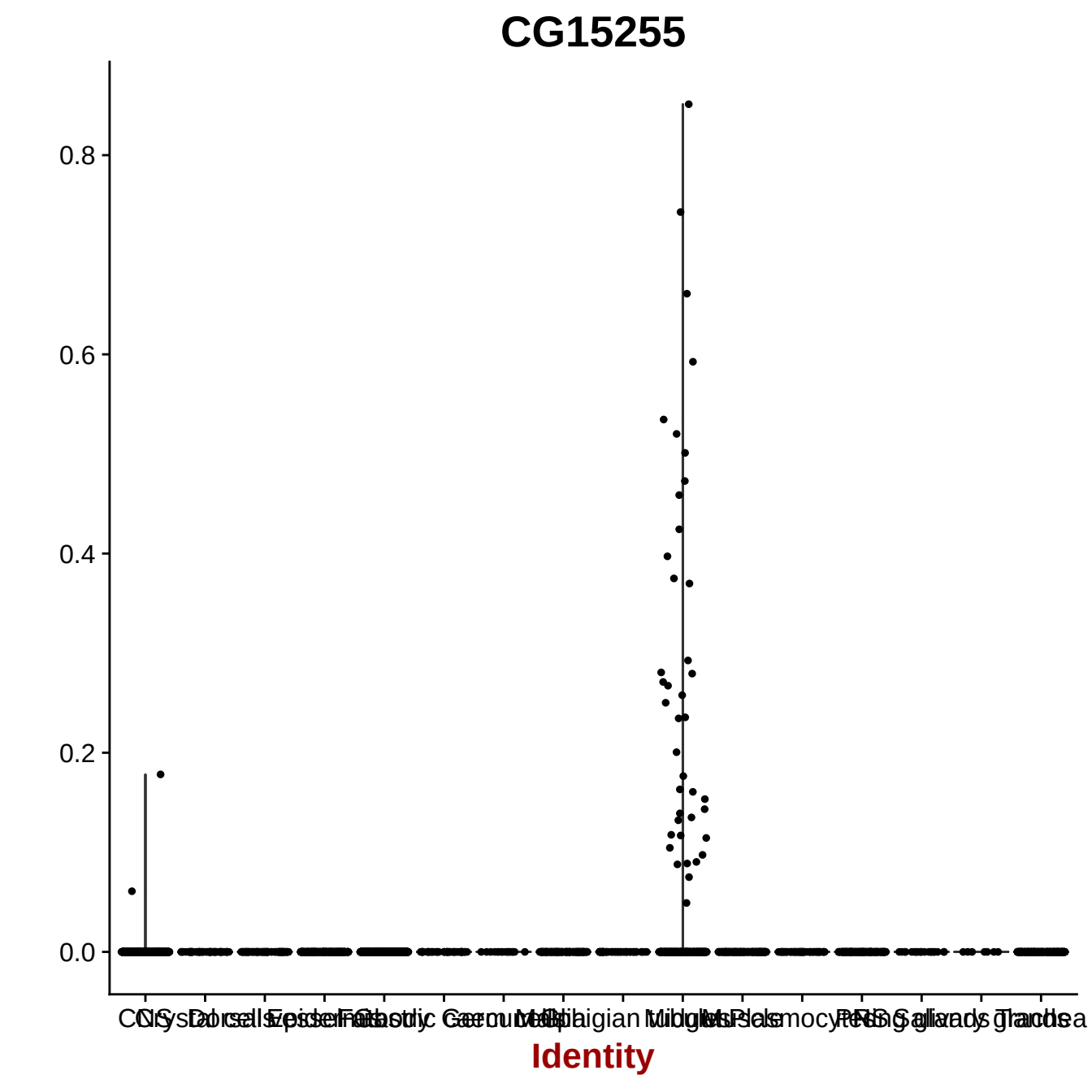
Identity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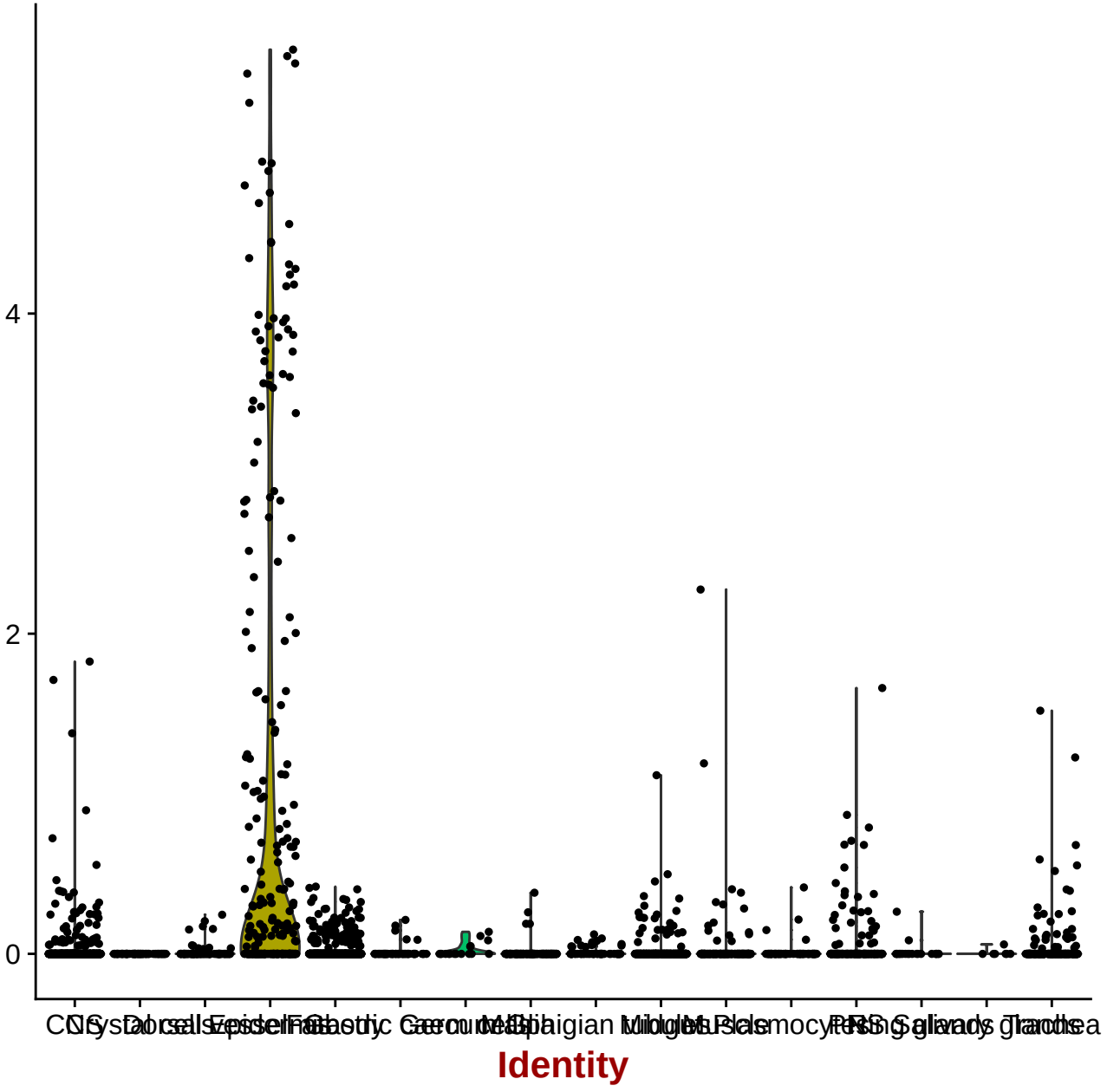
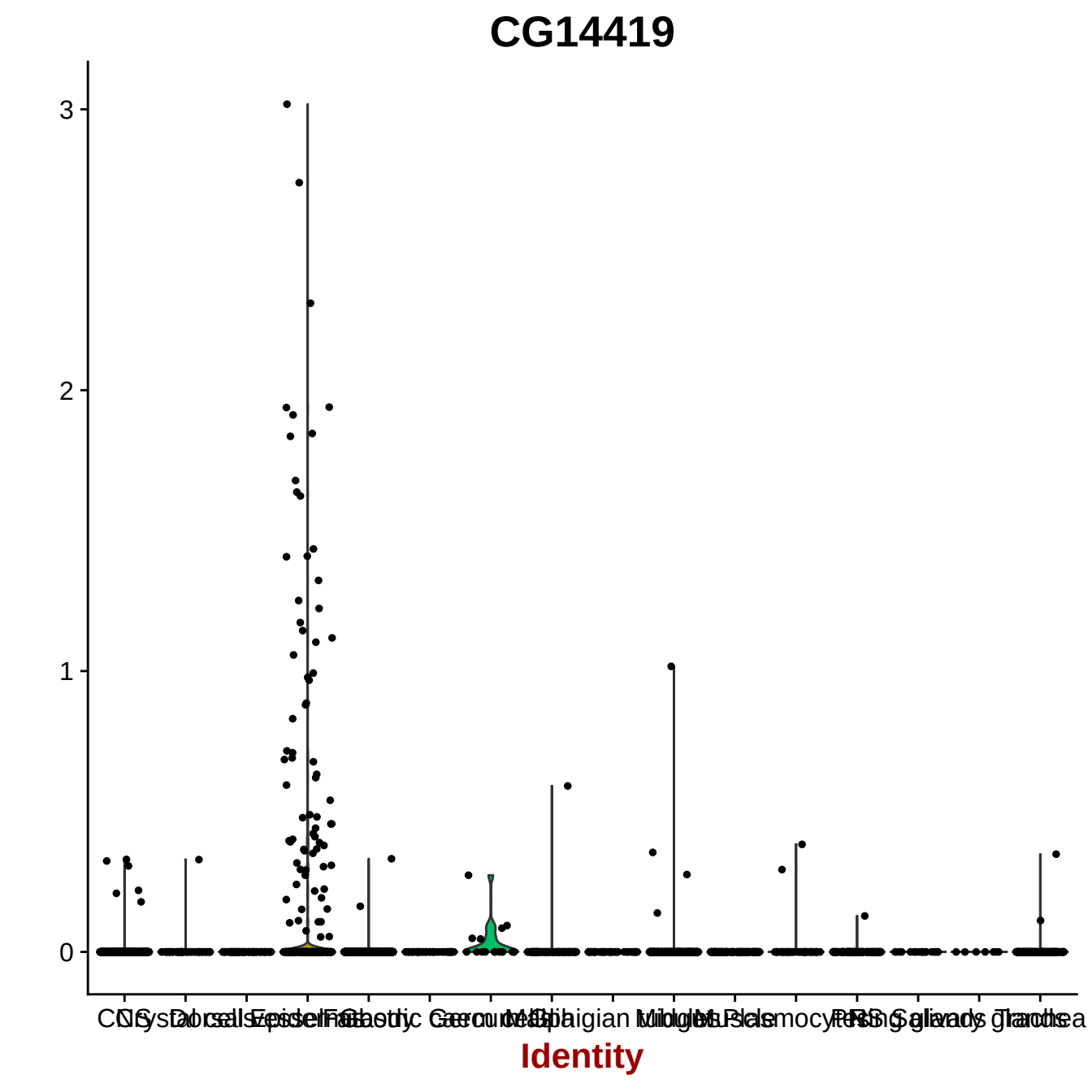
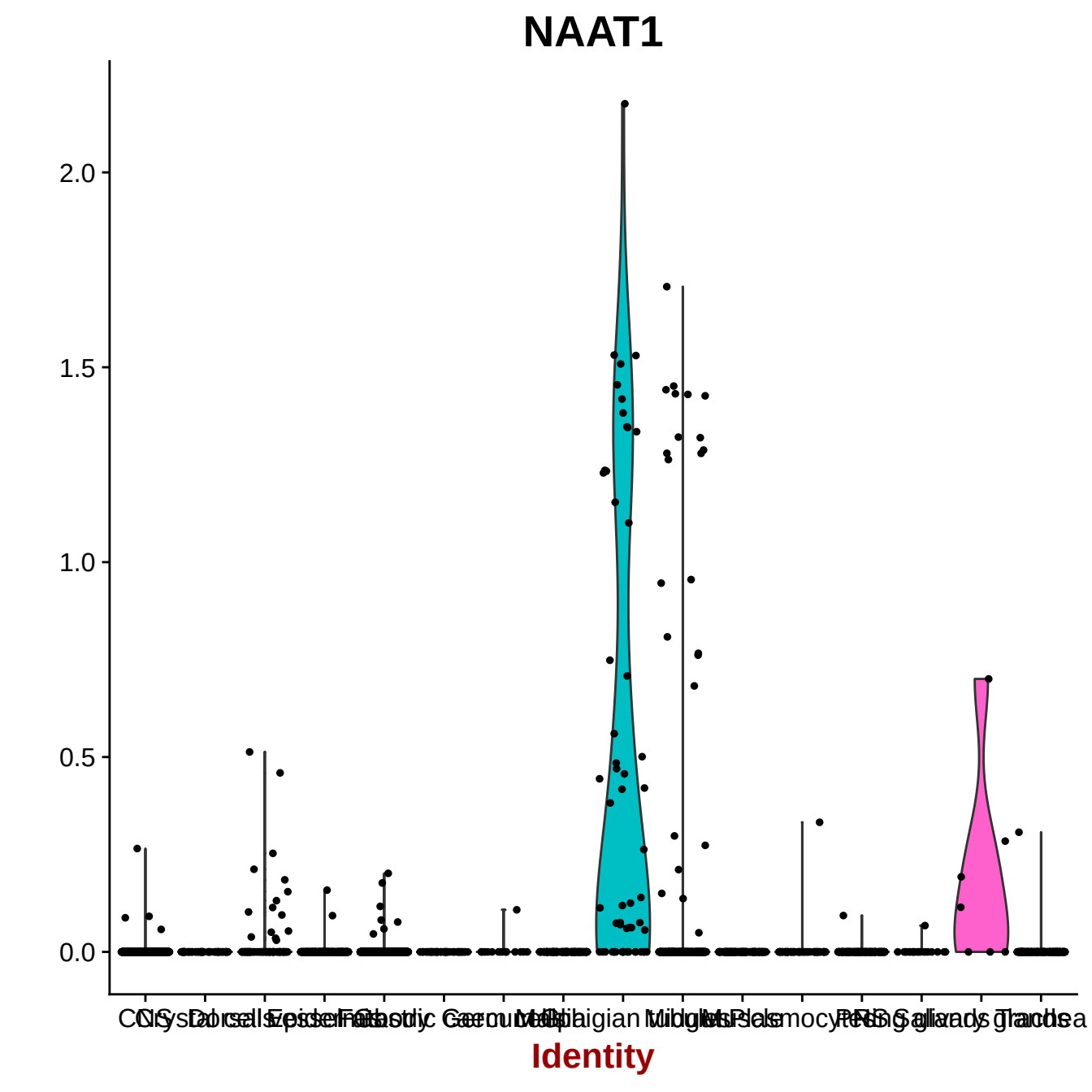
0.4
0.2
0.0
Identity

CG14770


4
2
0
CNS
Dorsal Epidermis
Elastic Cuticle
Malpighian tubules
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG14419
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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0.5
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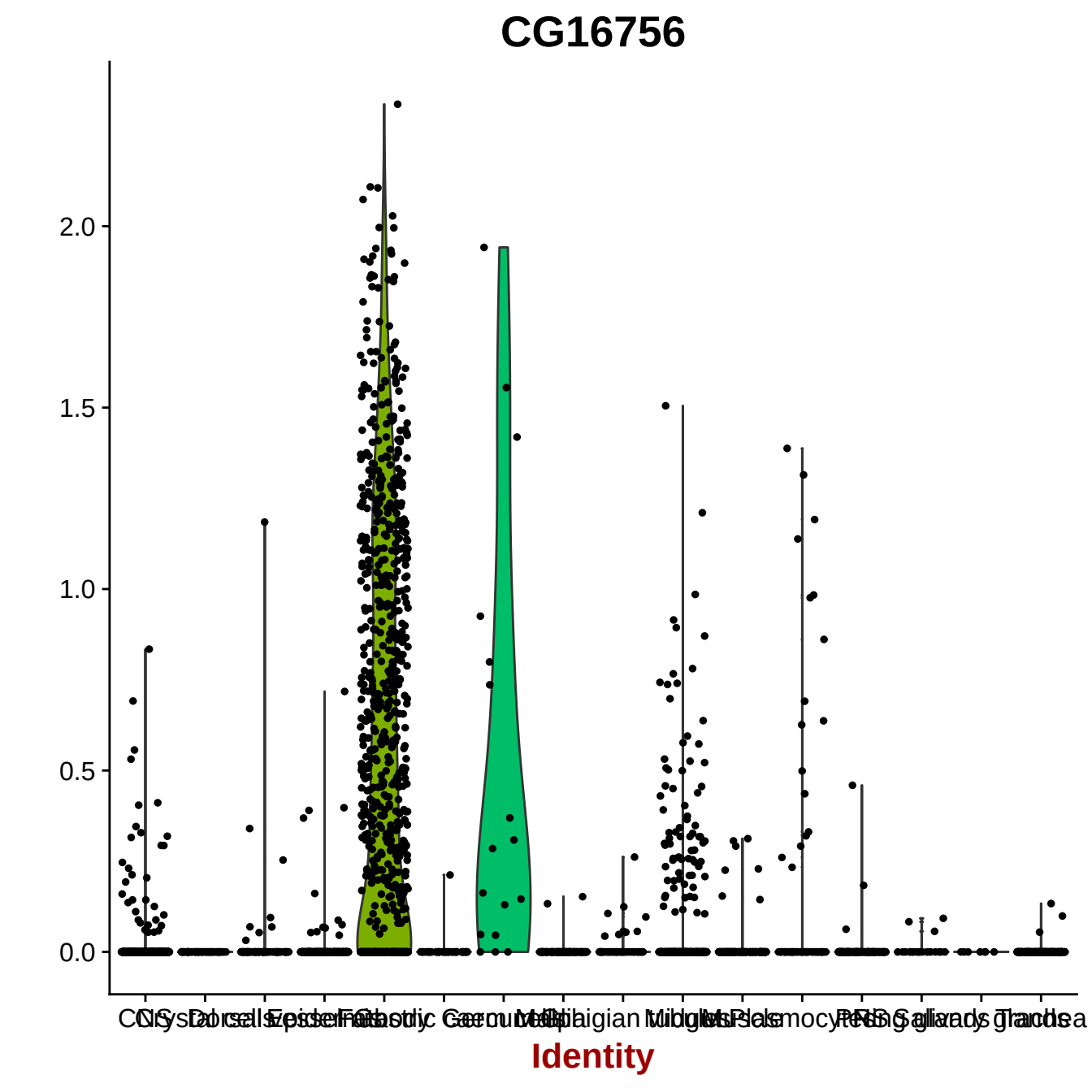
Identity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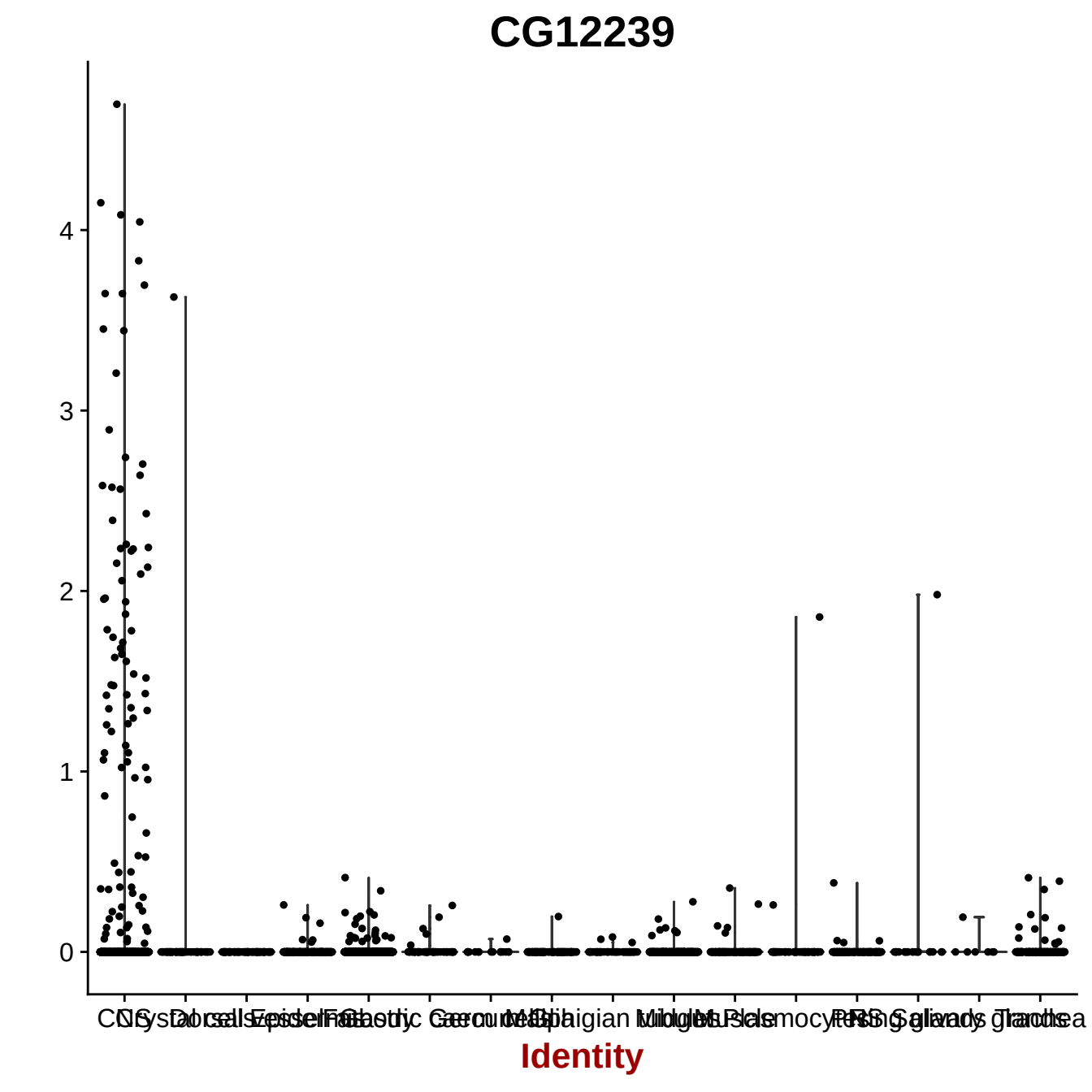
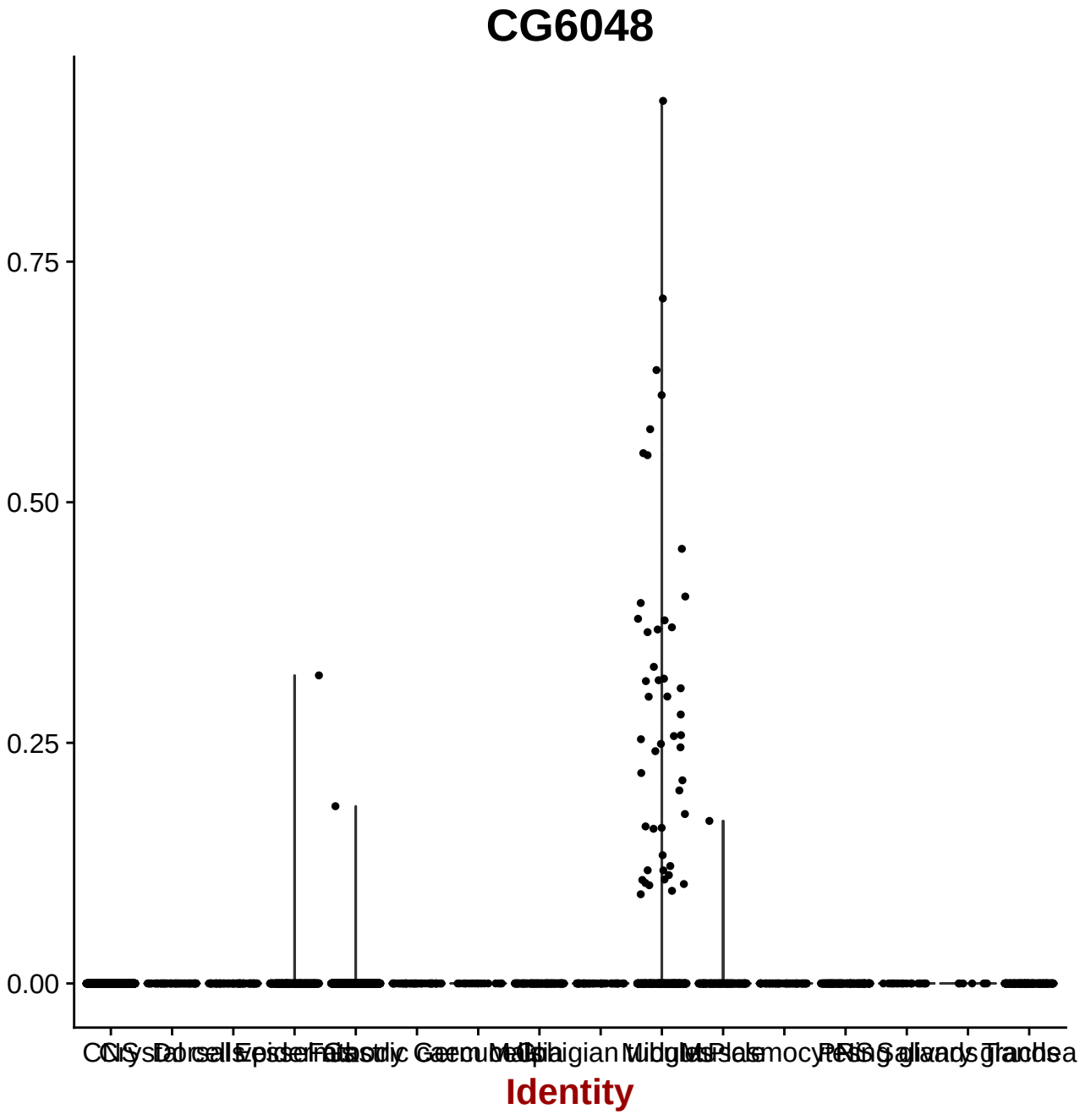

CG12239
4
3
2
1
0
CNS
Dorsal Epidermis
Vessel
Elastic
Gut
Malpighian
Muscle
Plasmocyte
PNS
Salivary gland
Trachea
Identity


CG6048
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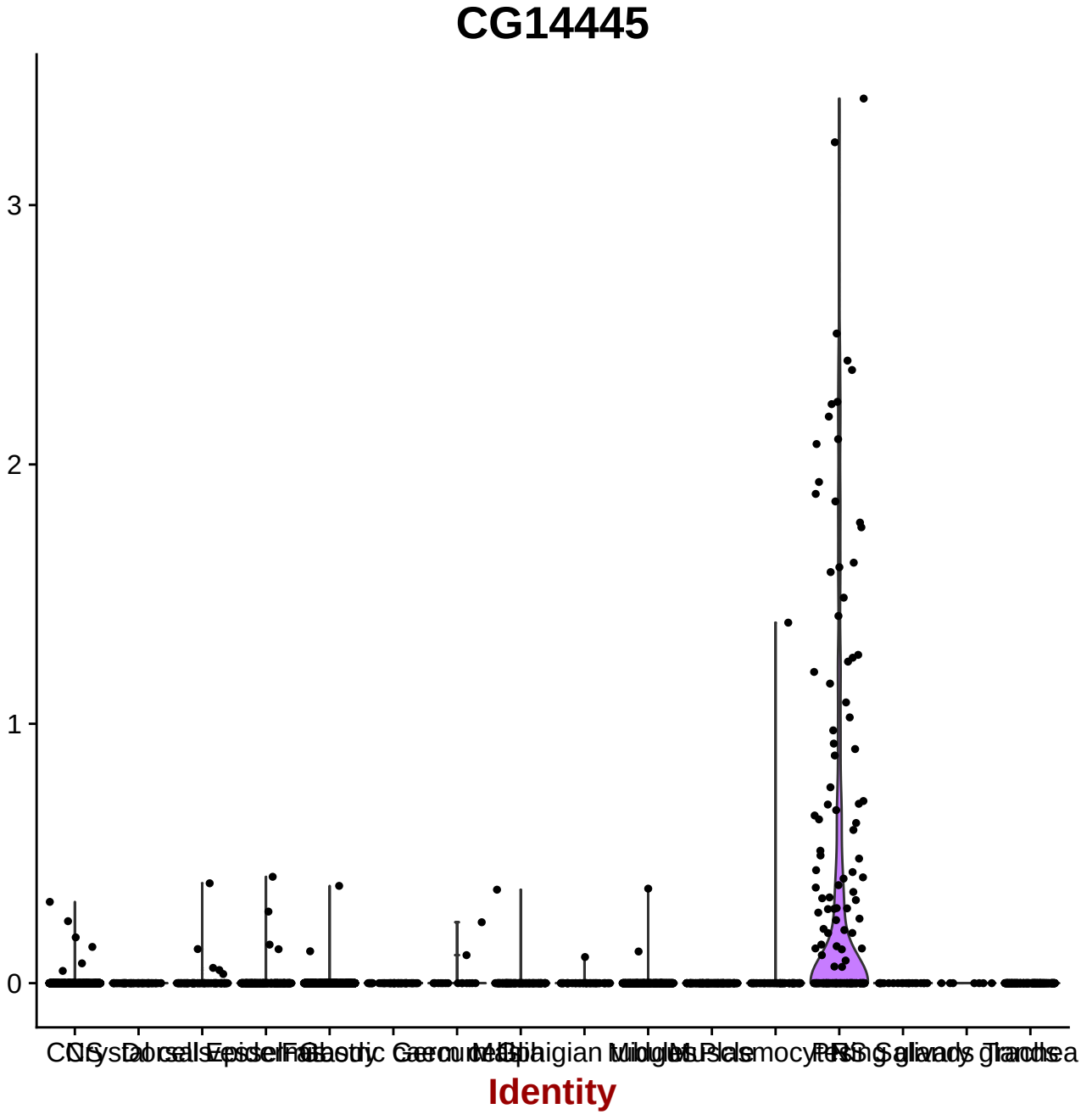
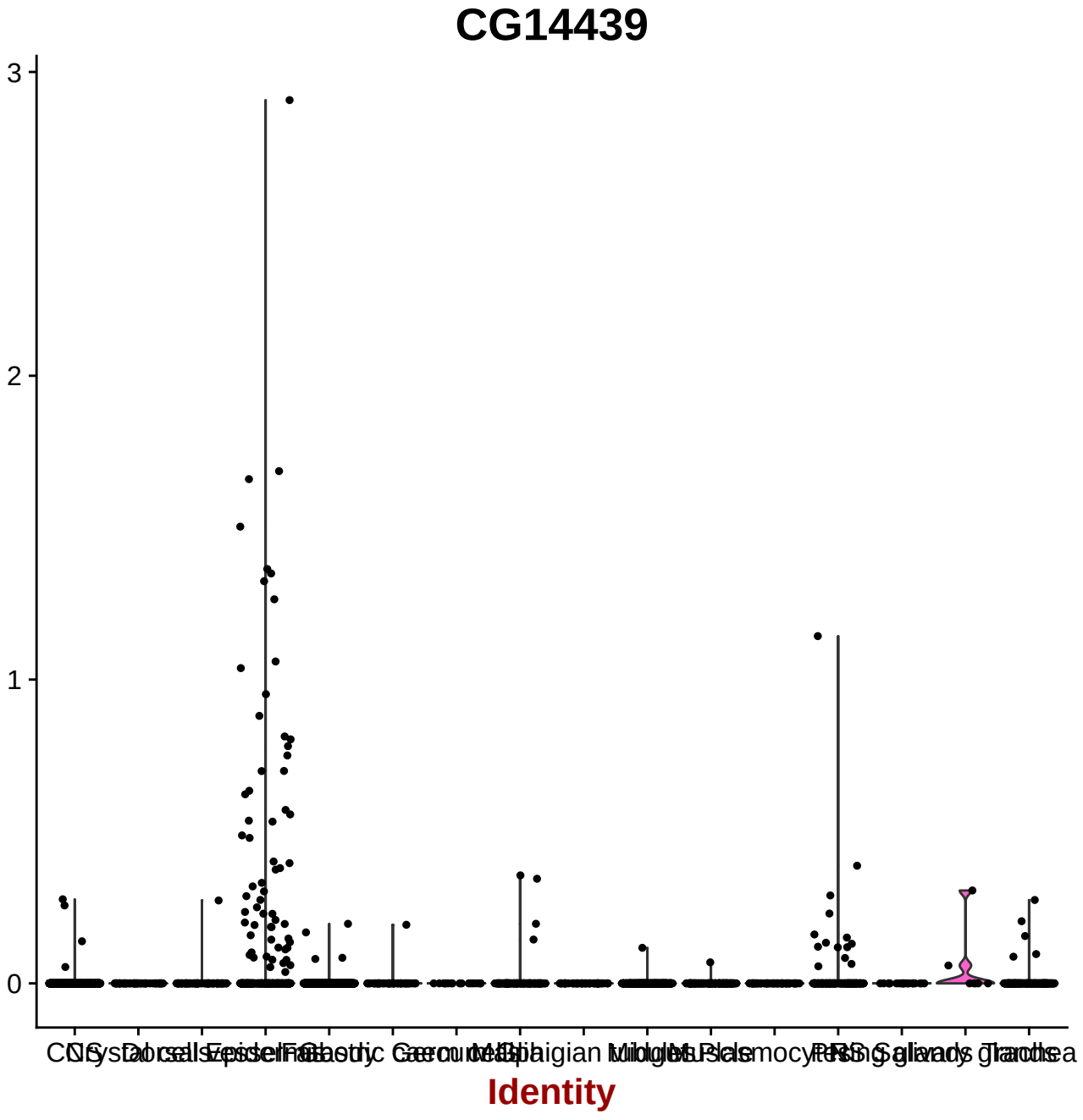
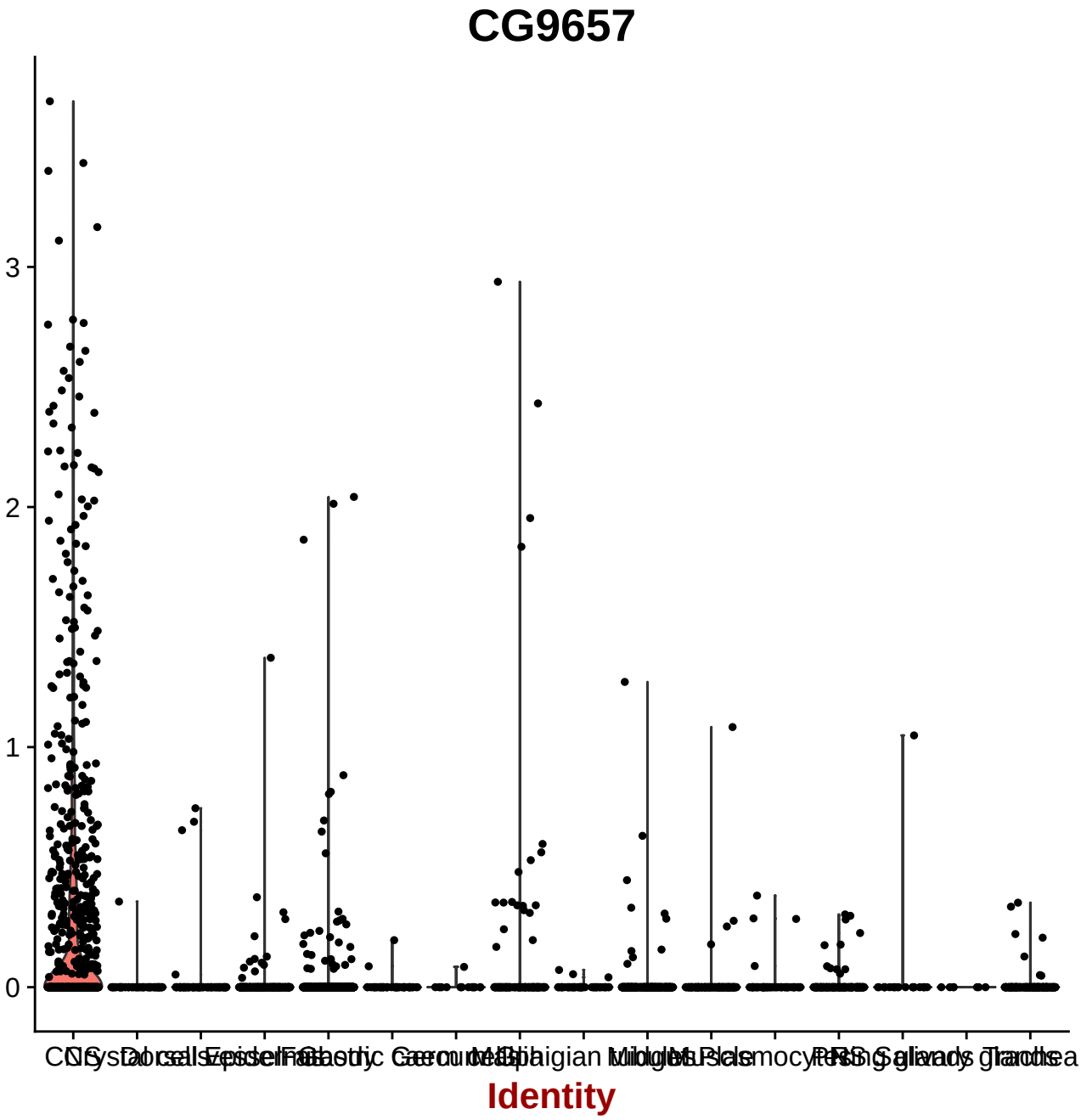
0.25
0.00
CNS
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Plasmatocytes
PER
Salivary gland
Trachea
Identity


CG14445
3
2
1
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG14439
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Midgut
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG9657
3
2
1
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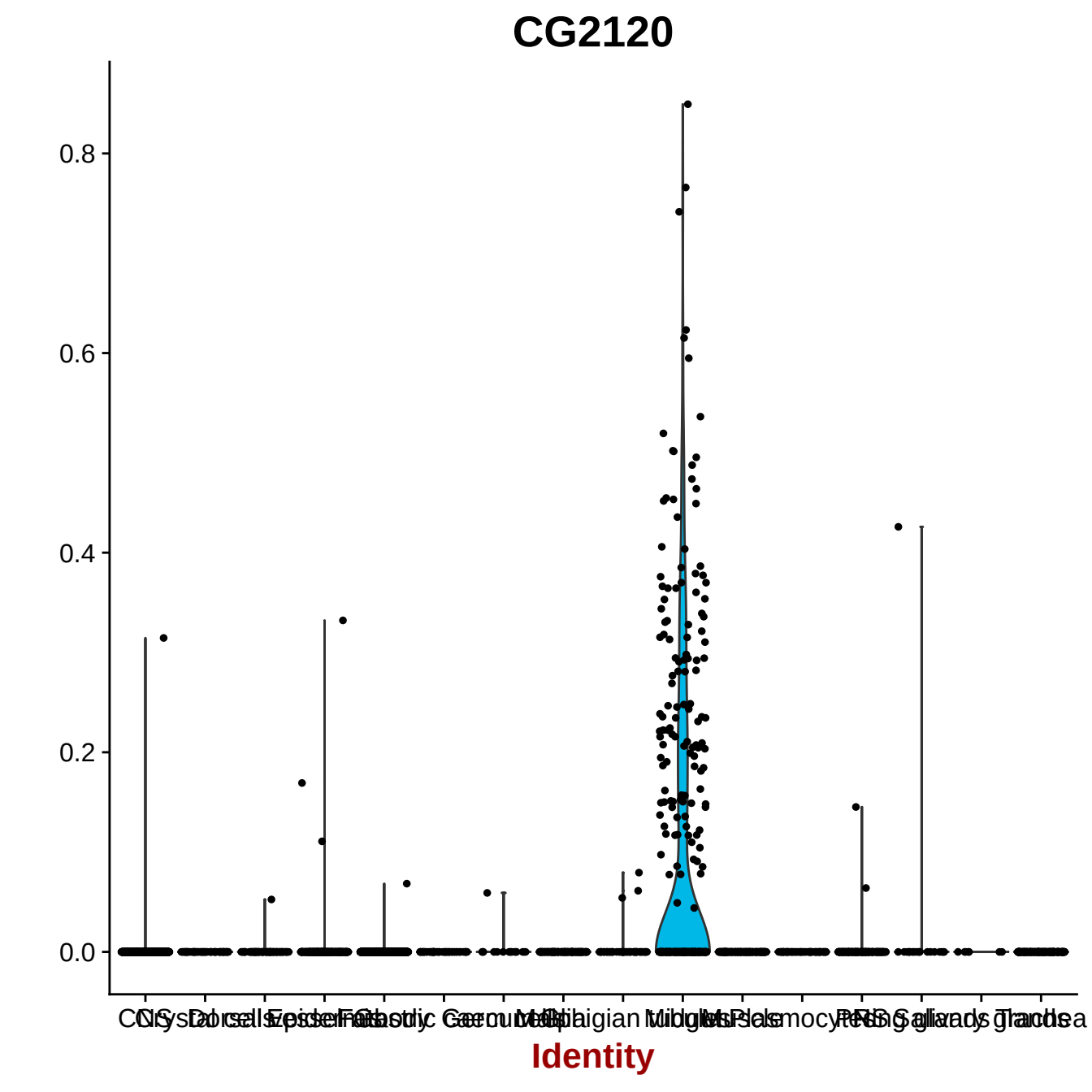
CNS
Dorsal vessel
Epidermis
Elastic
Gut
Malpighian
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG2120
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0.2
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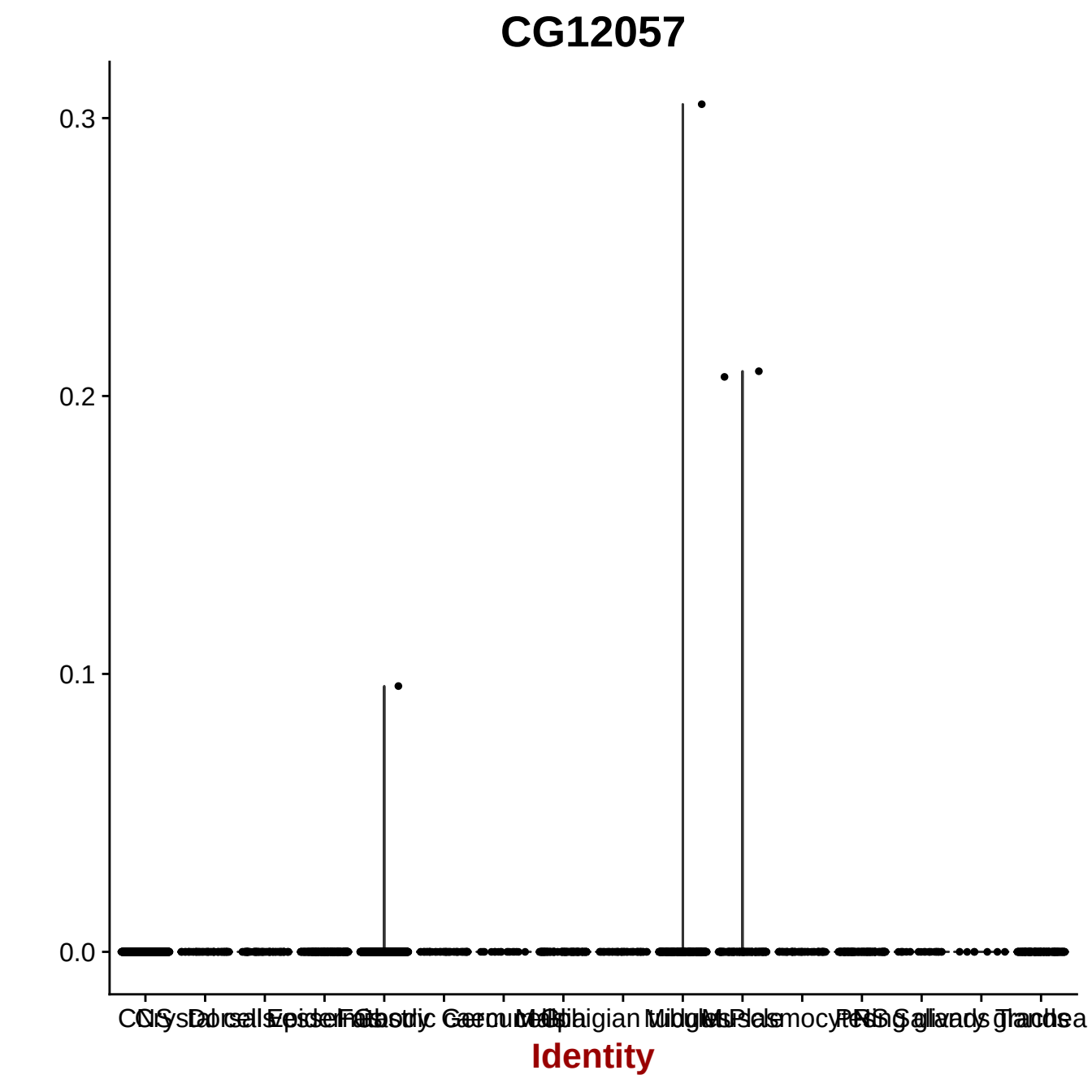
Identity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0.1
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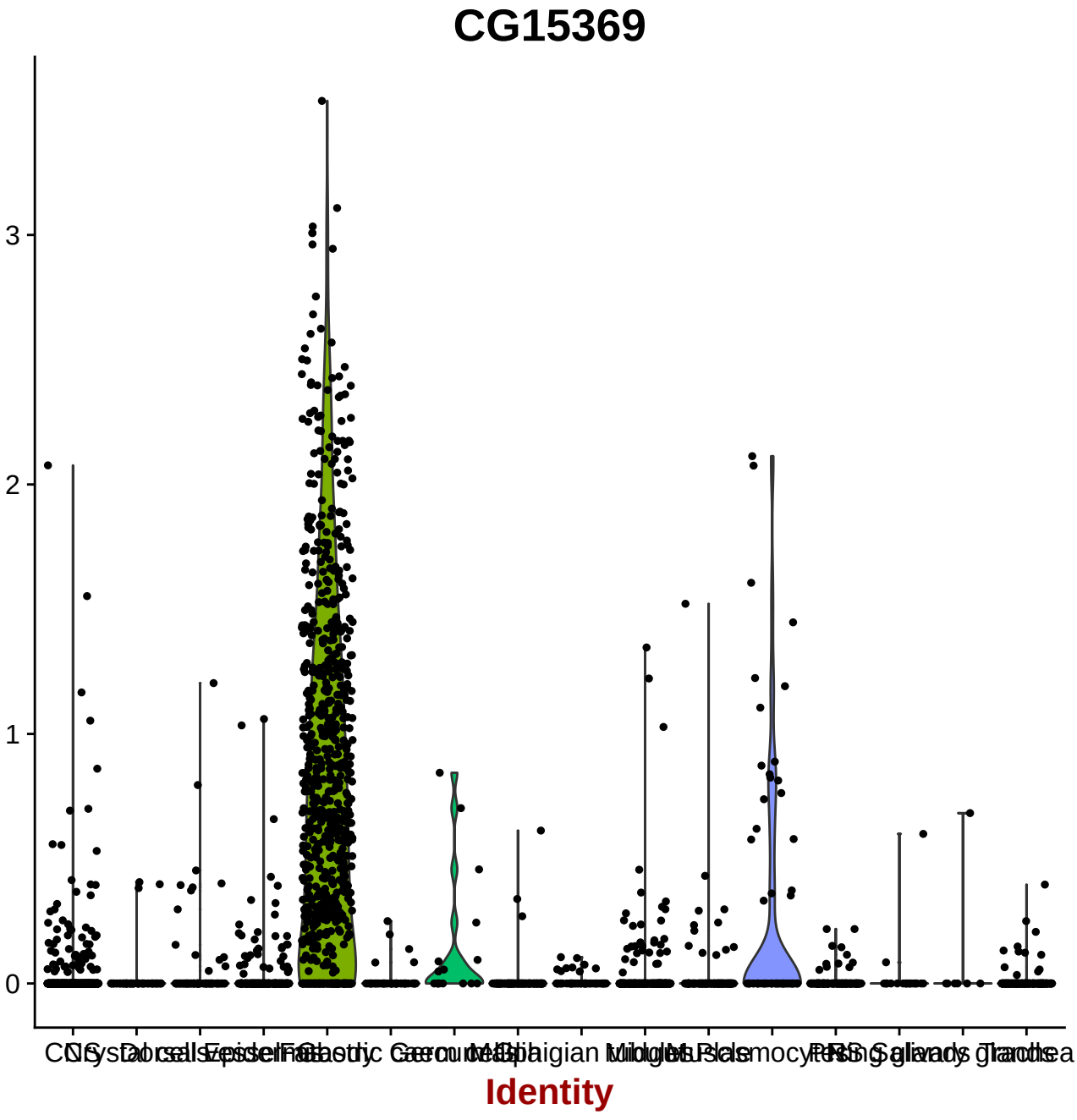
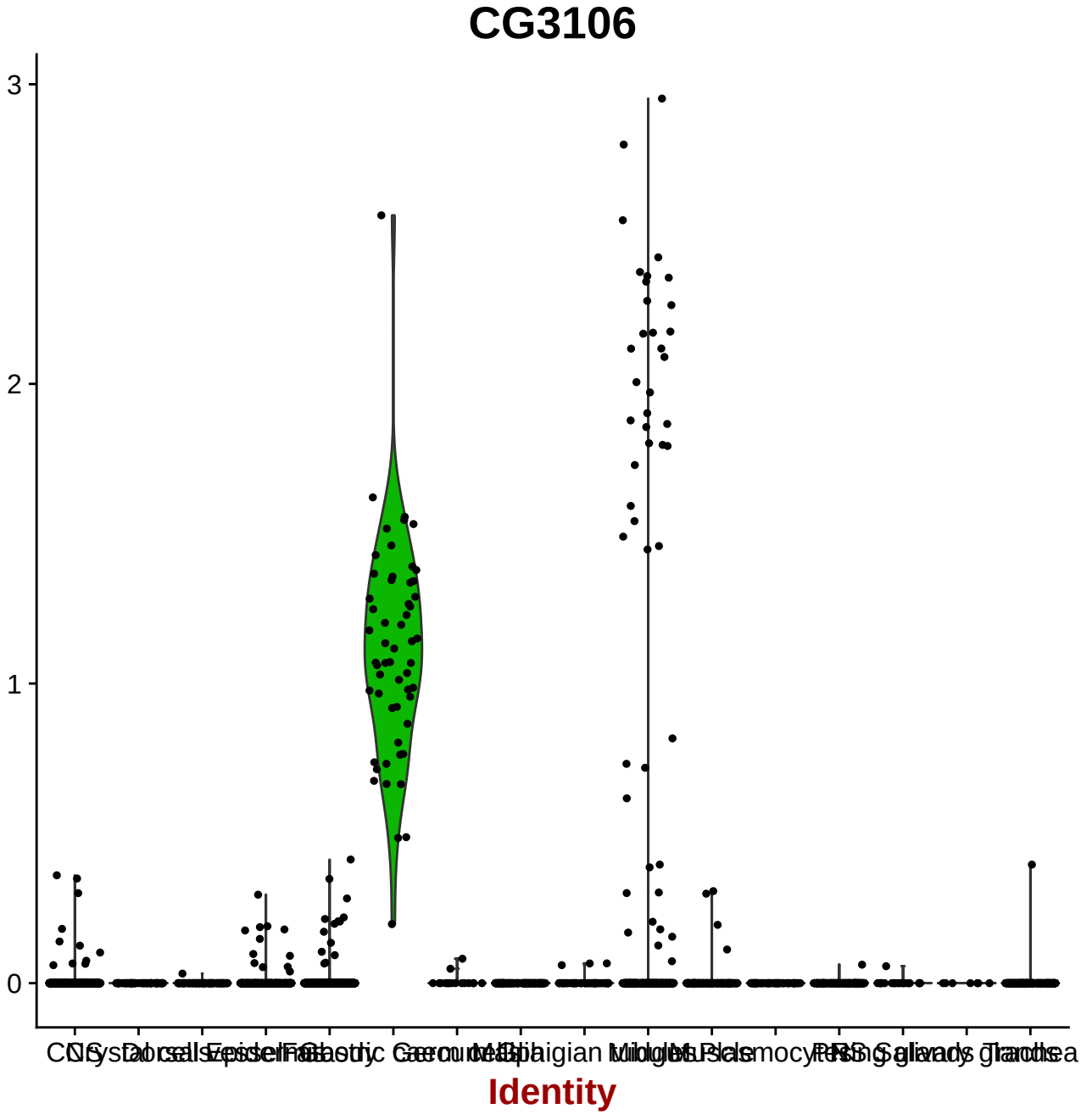
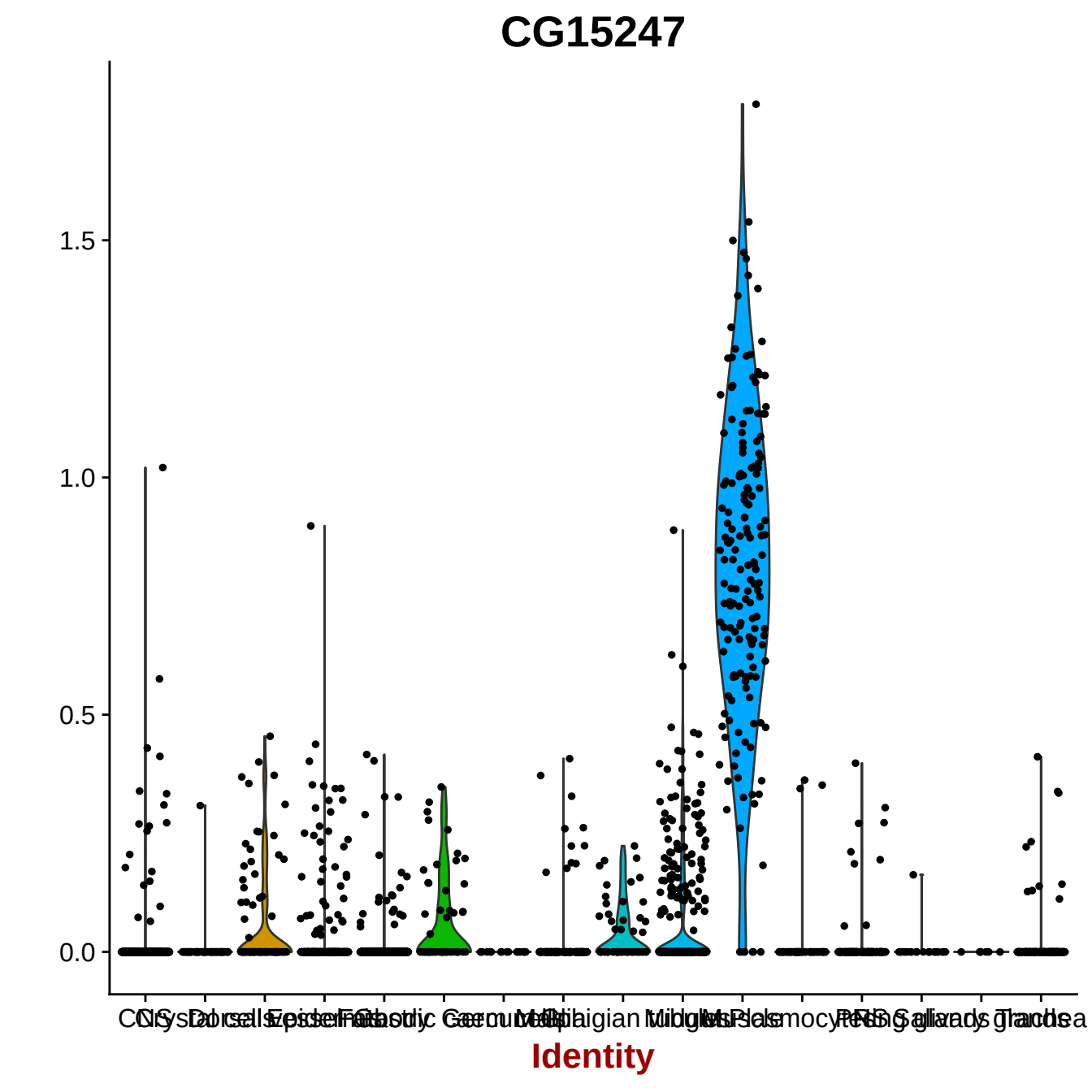
Identity


CG15369
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Fat body
Germ cells
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG3106
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG15247
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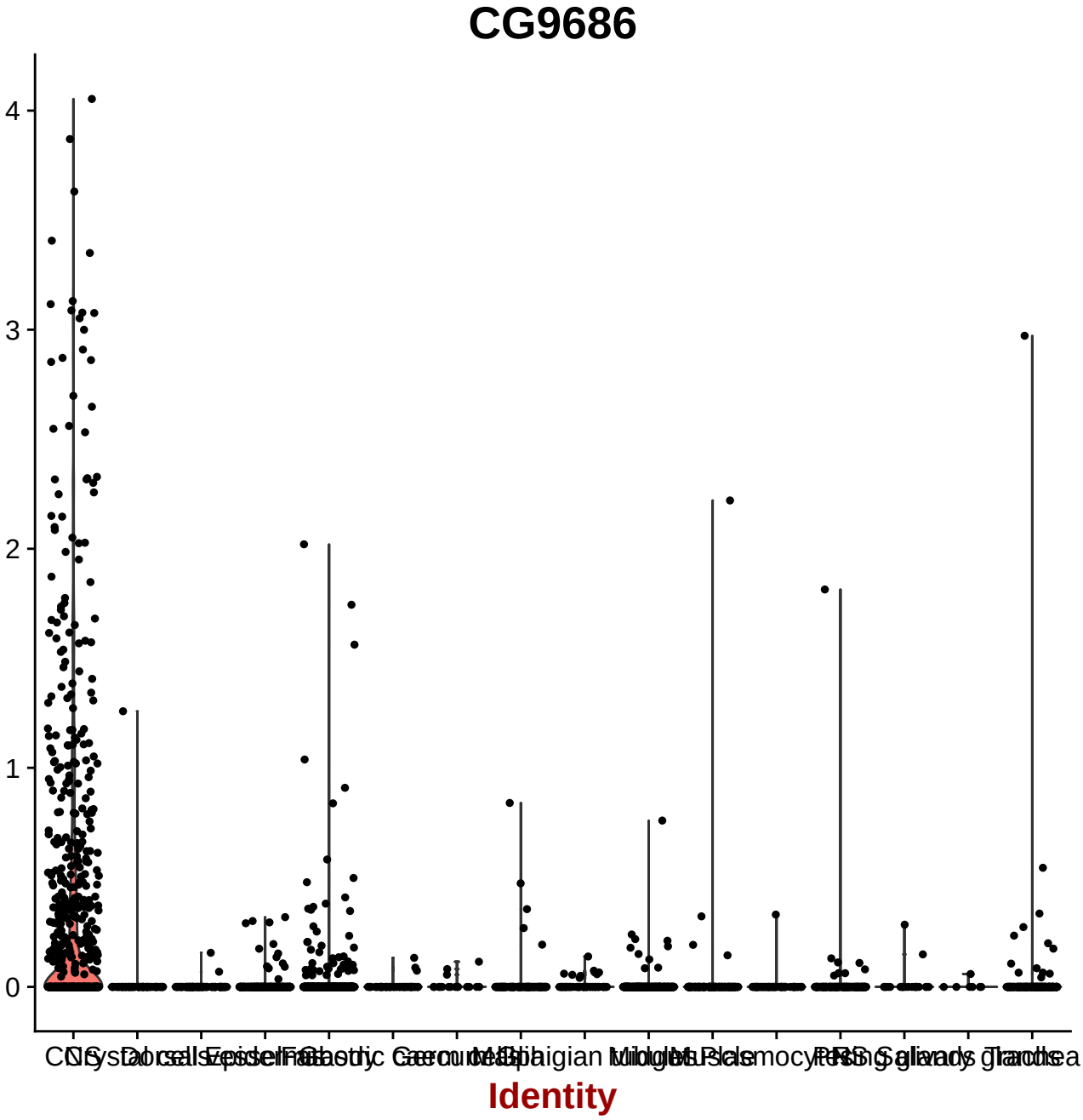
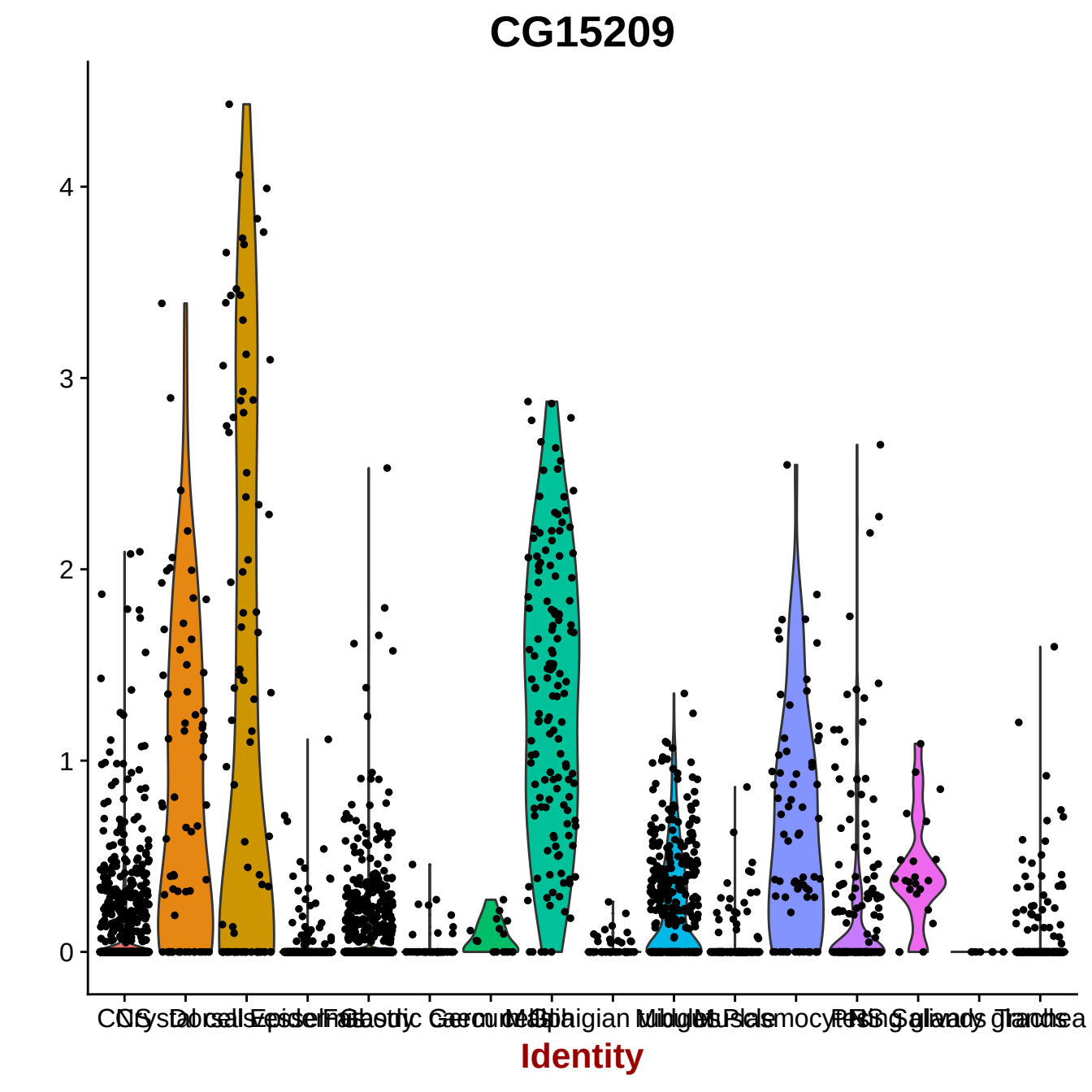
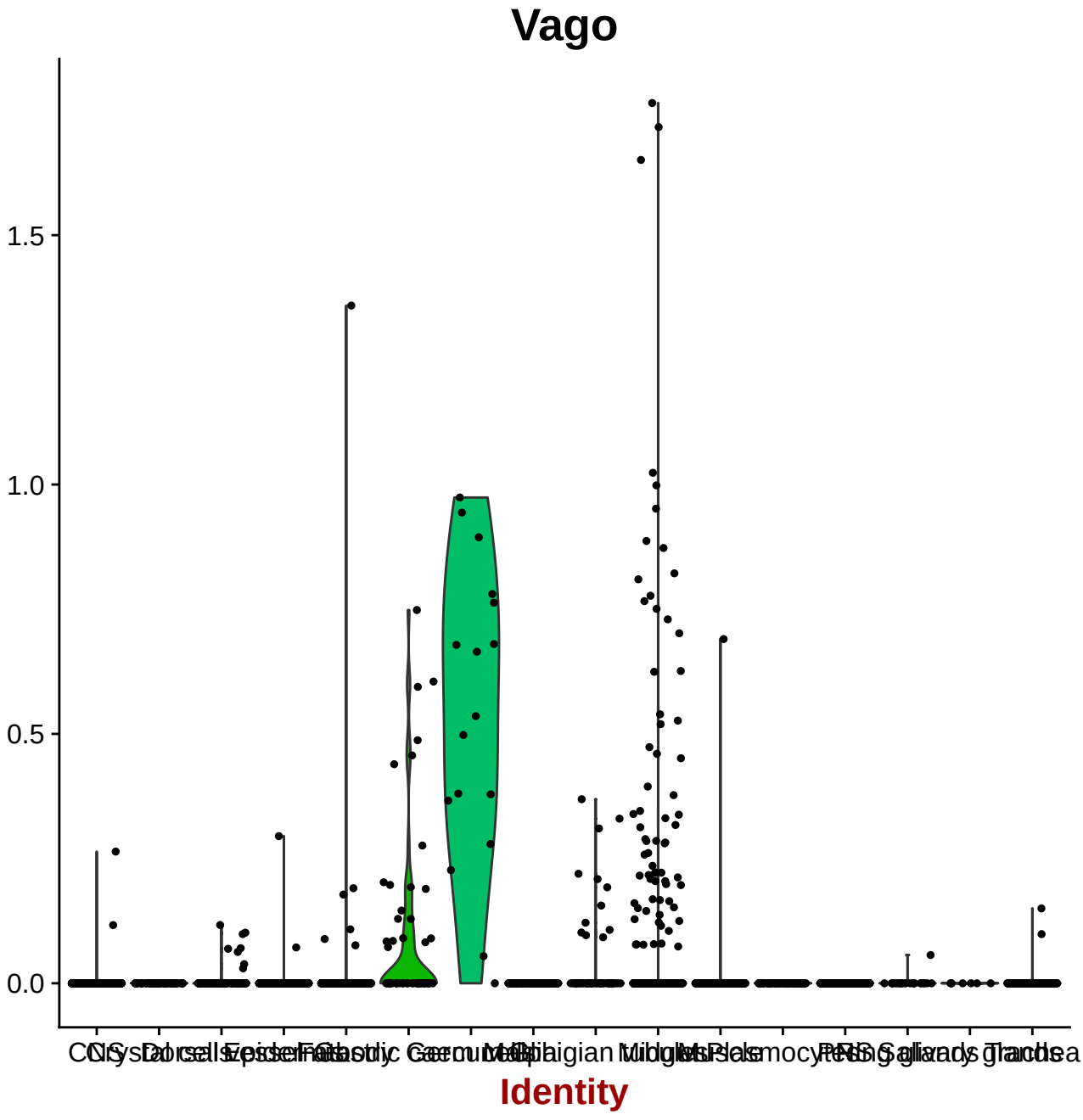
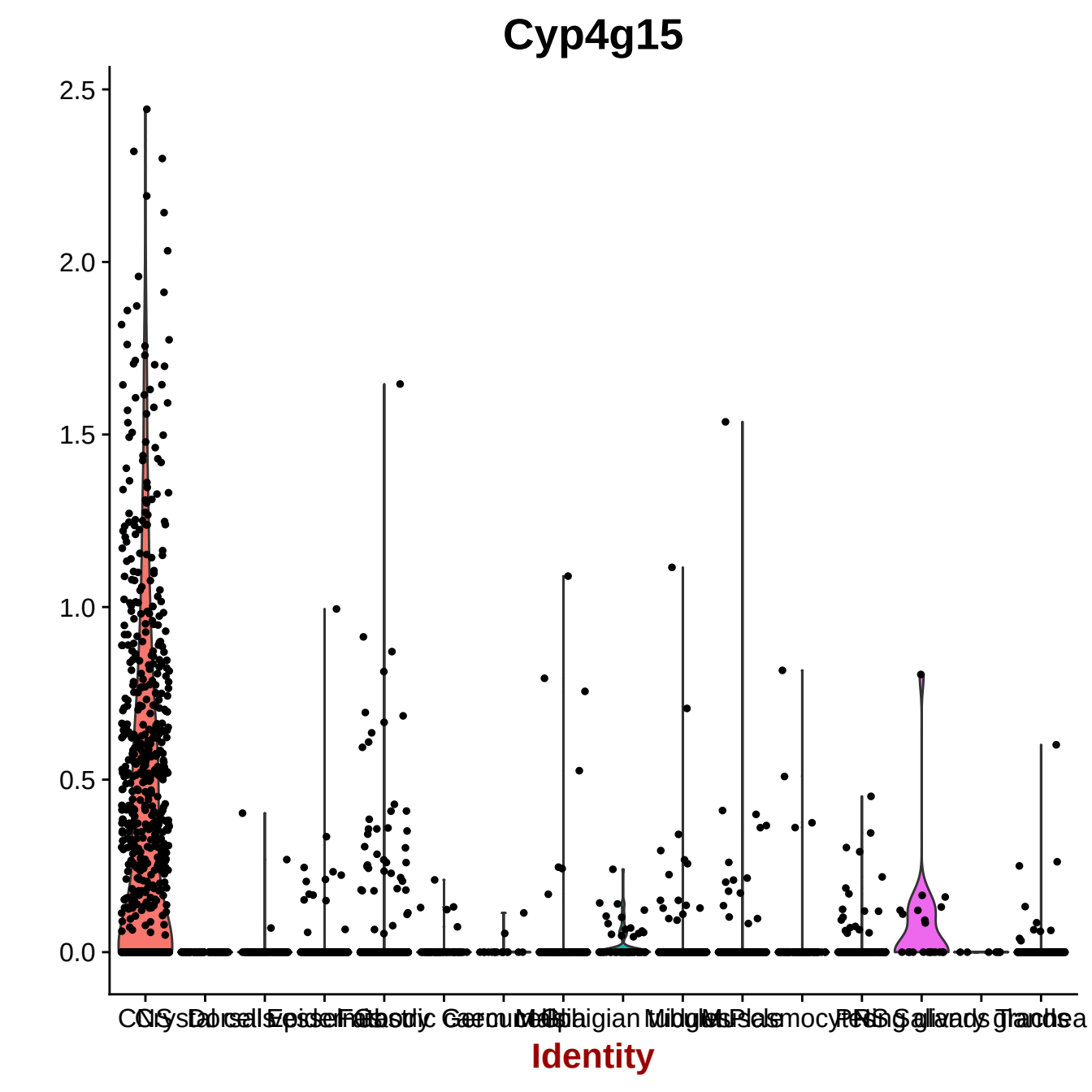
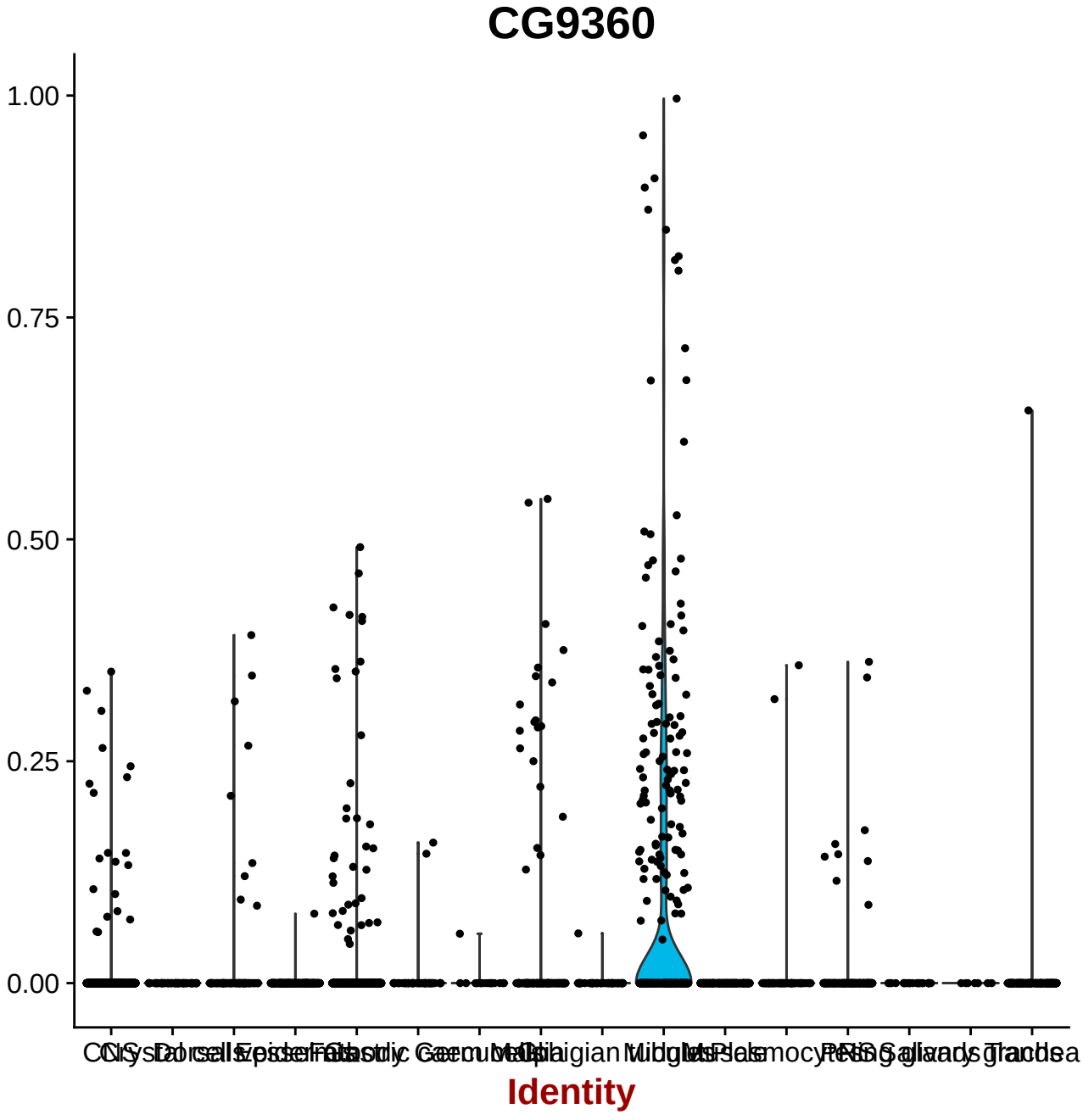
1.0
0.5
0.0
CNS
Dorsal epidermis
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG9686
4
3
2
1
0
CNS
Dorsal Epidermis
Gastric Caecum
Malpighian tubules
Hindgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG15209
4
3
2
1
0
CNS
Dorsal Epidermis
Ventral Epidermis
Fat body
Gut
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


Vago
1.5
1.0
0.5
0.0
Identity


Cyp4g15
2.5
2.0
1.5
1.0
0.5
0.0
CNS
Dorsal epidermis
Esophagus
Gastric caecum
Malpighian tubules
Midgut
Proventriculus
Salivary gland
Trachea
Identity


CG9360
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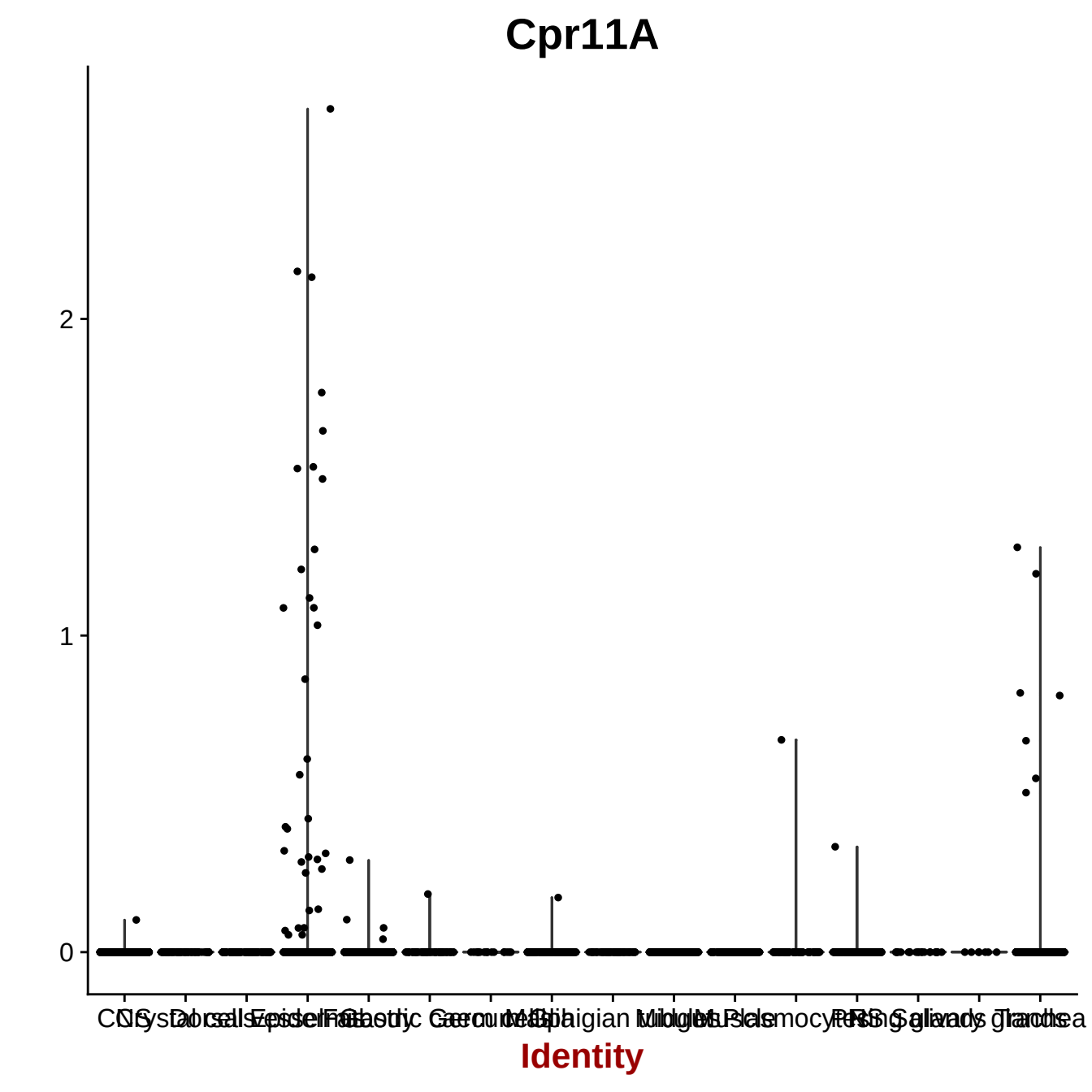
0.75
0.50
0.25
0.00
CNS
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PER
Salivary gland
Trachea
Identity


Cpr11A
2
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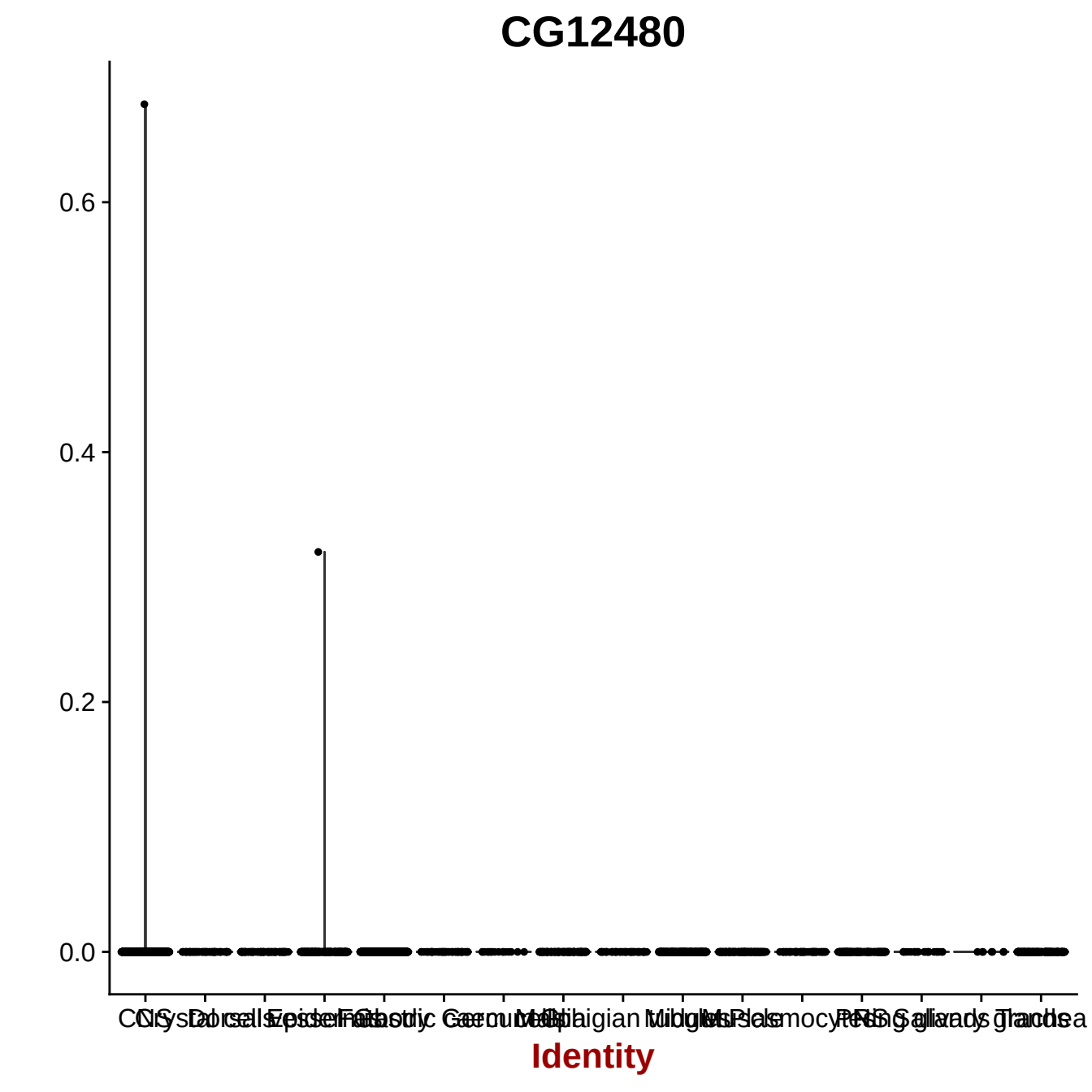
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity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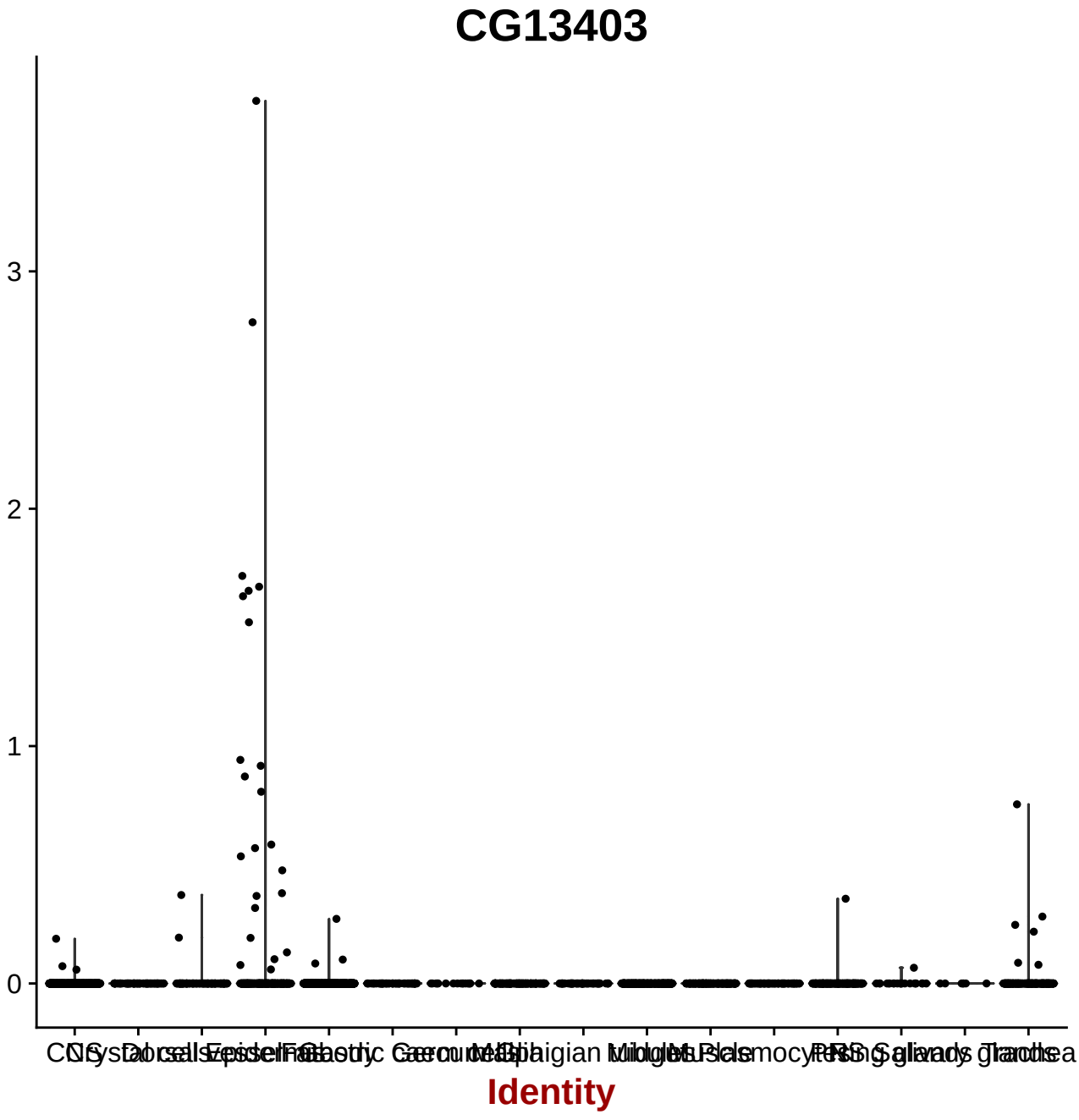
CG13403
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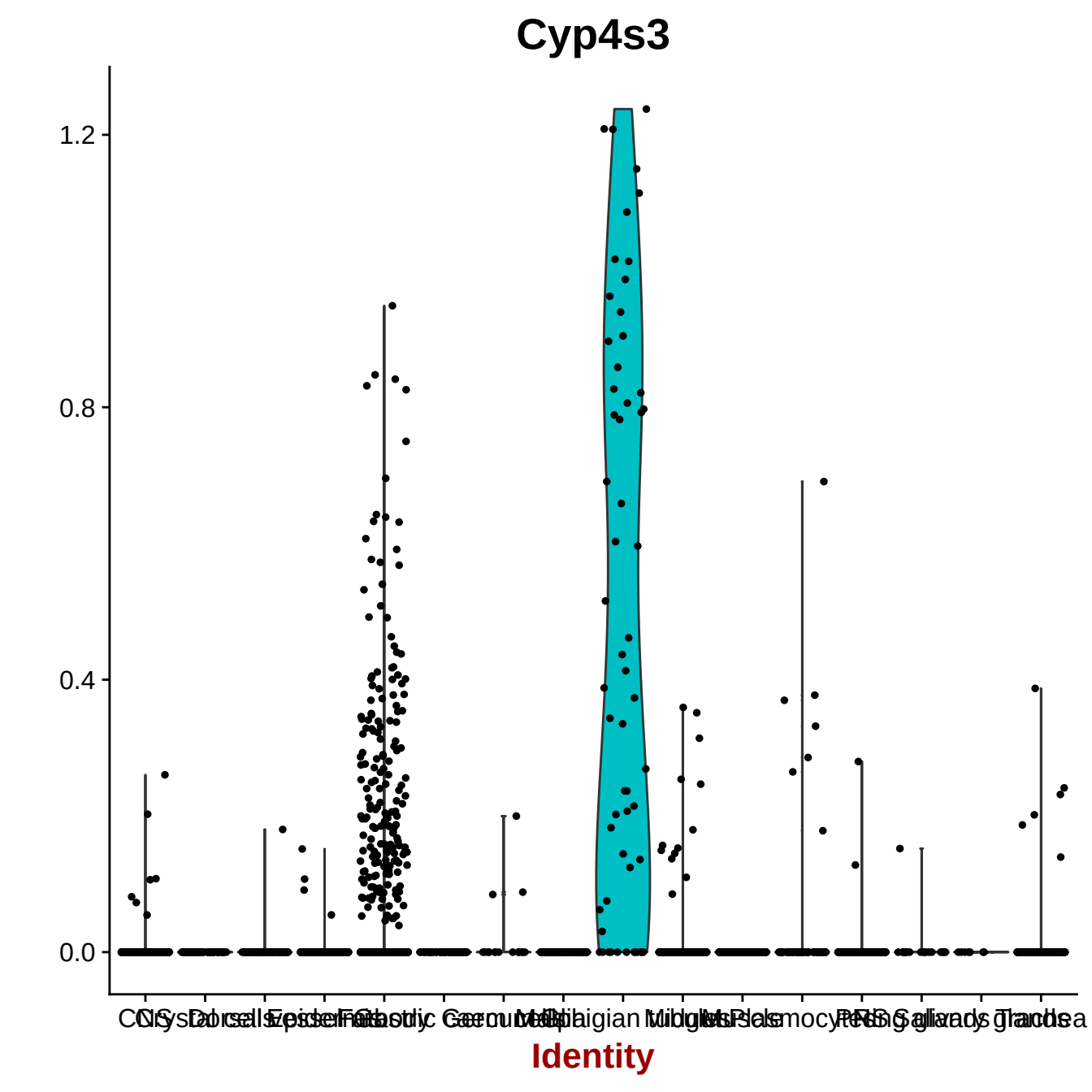
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubule
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity


Cyp4s3
1.2
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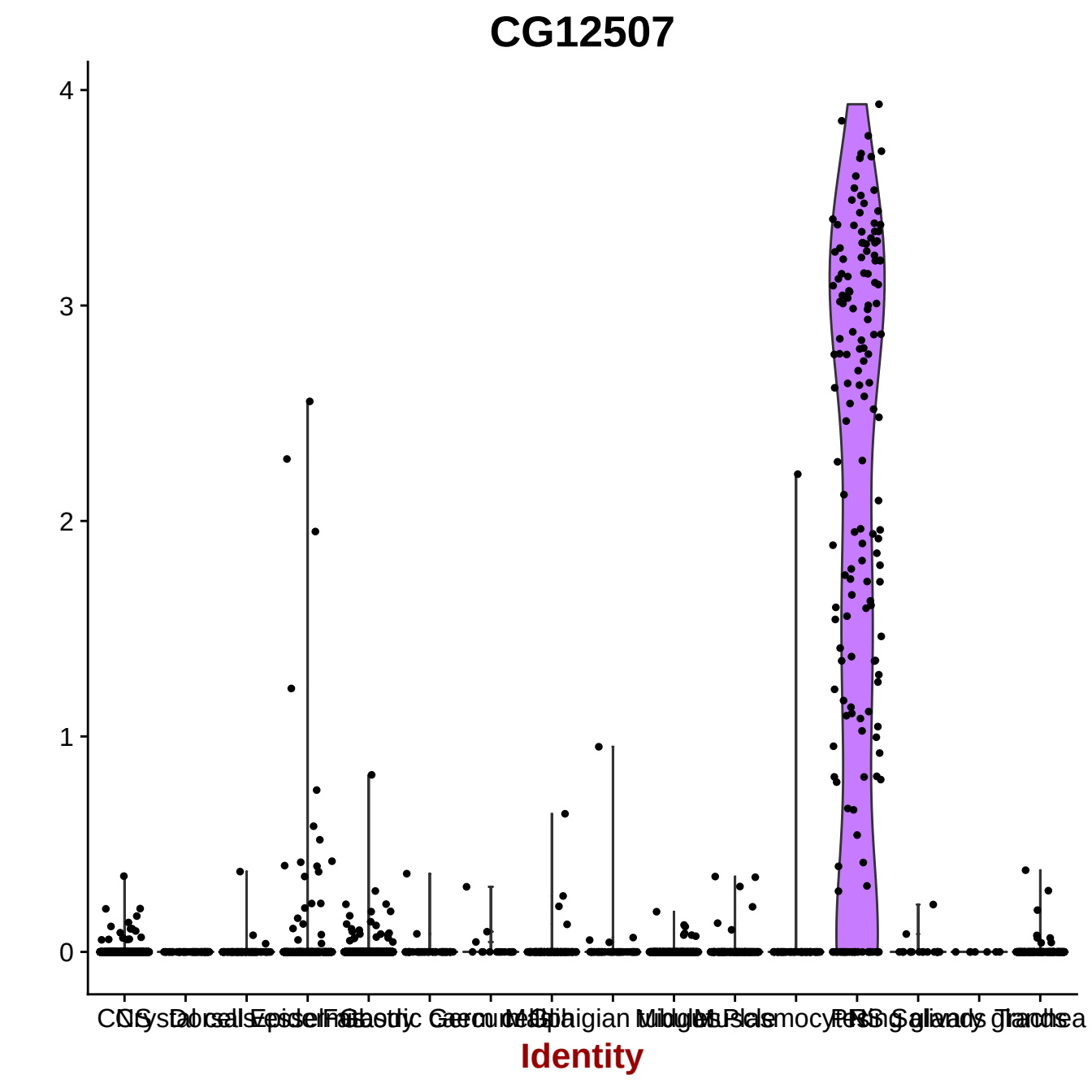
Identity


CG12507
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2
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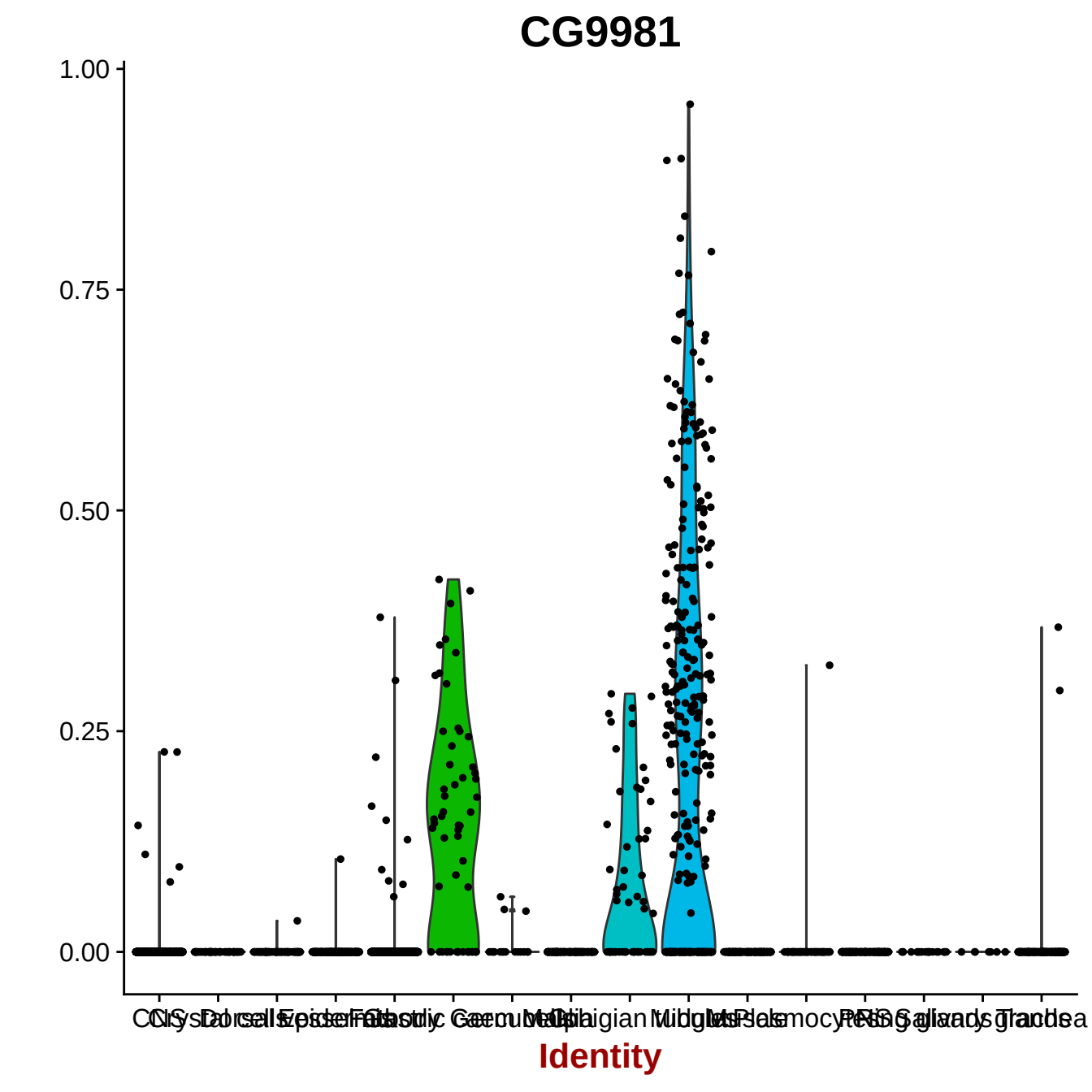
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity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1.00
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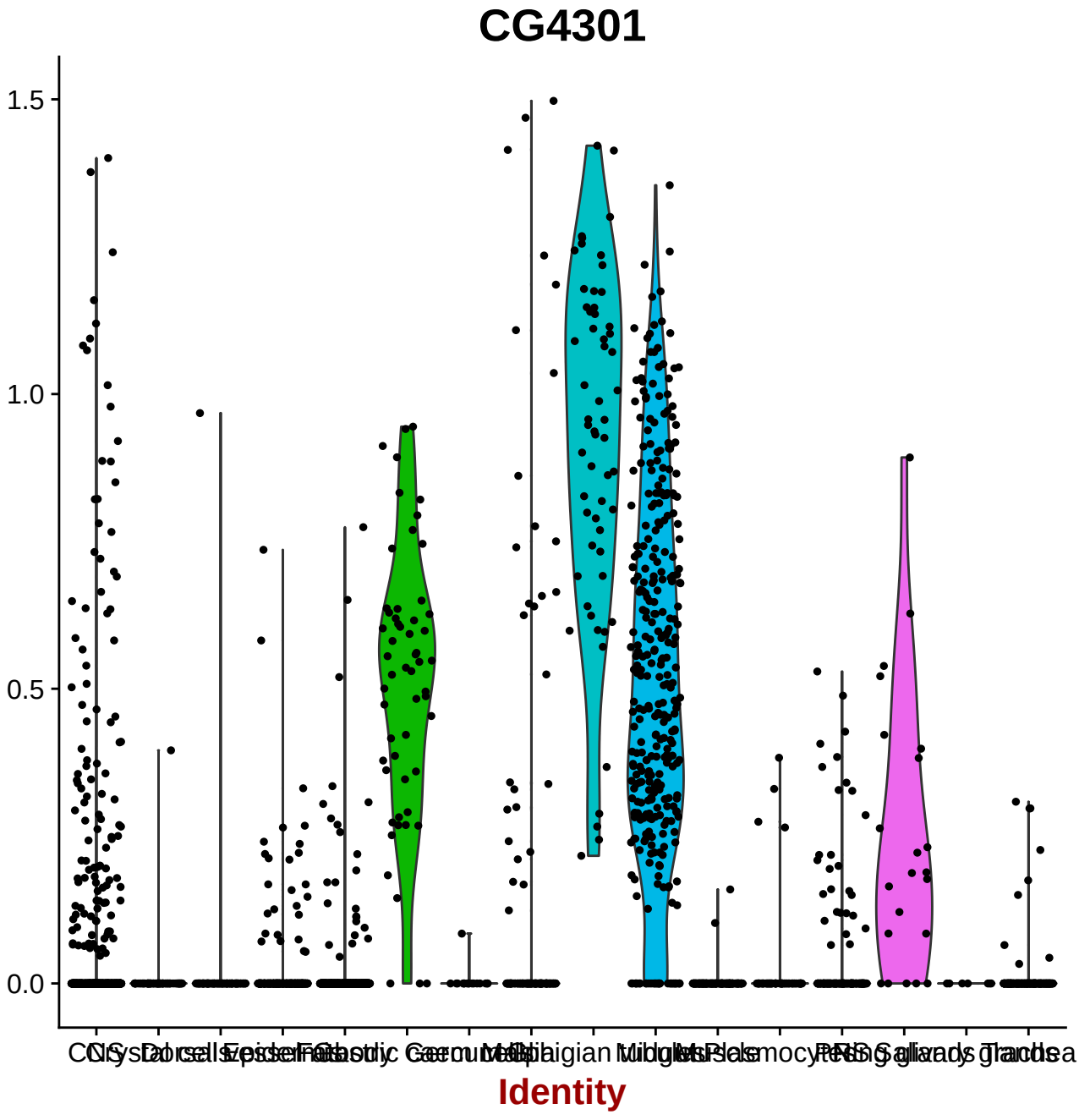
CNS
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PER
Salivary gland
Trachea
Identity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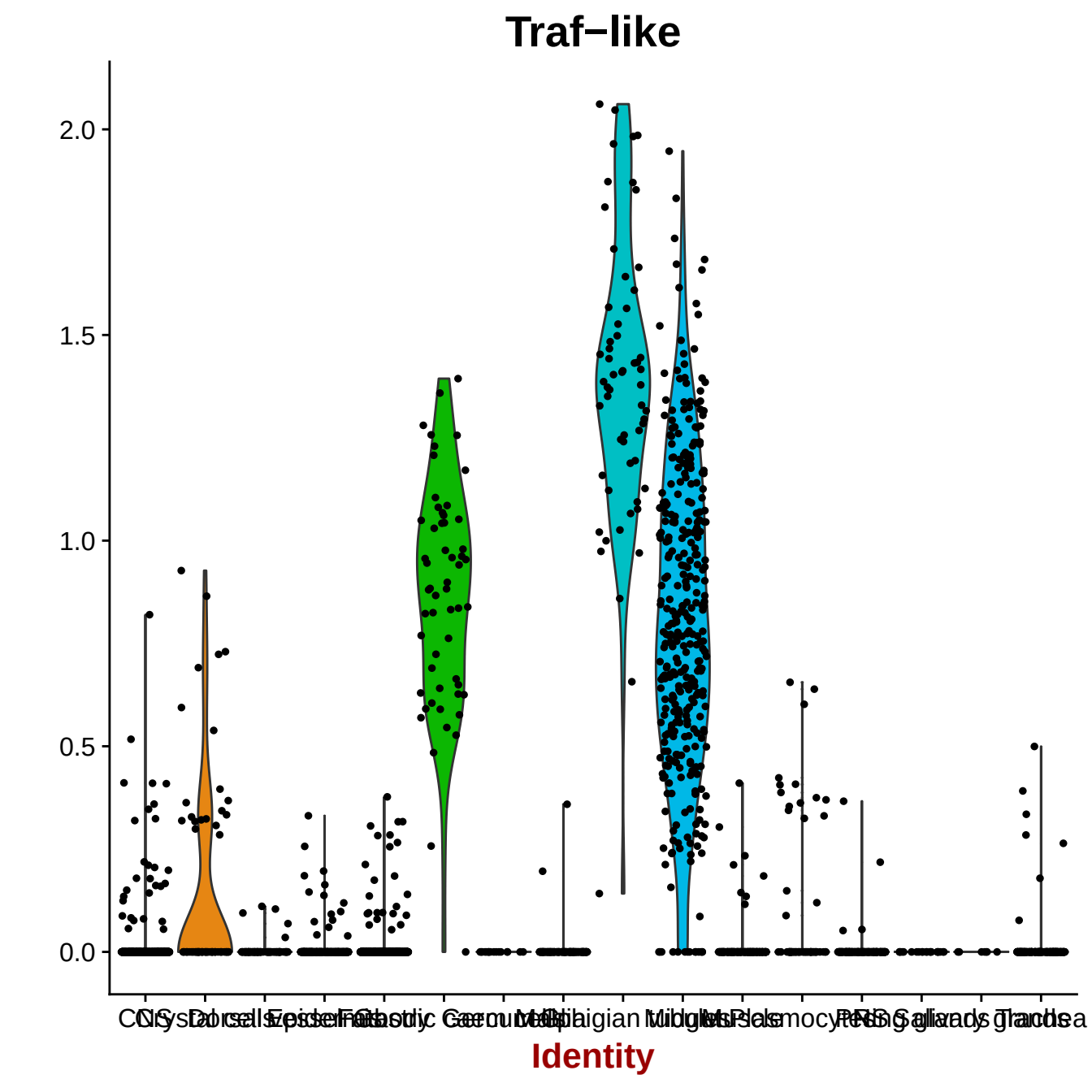
Identity


Traf−like
2.0
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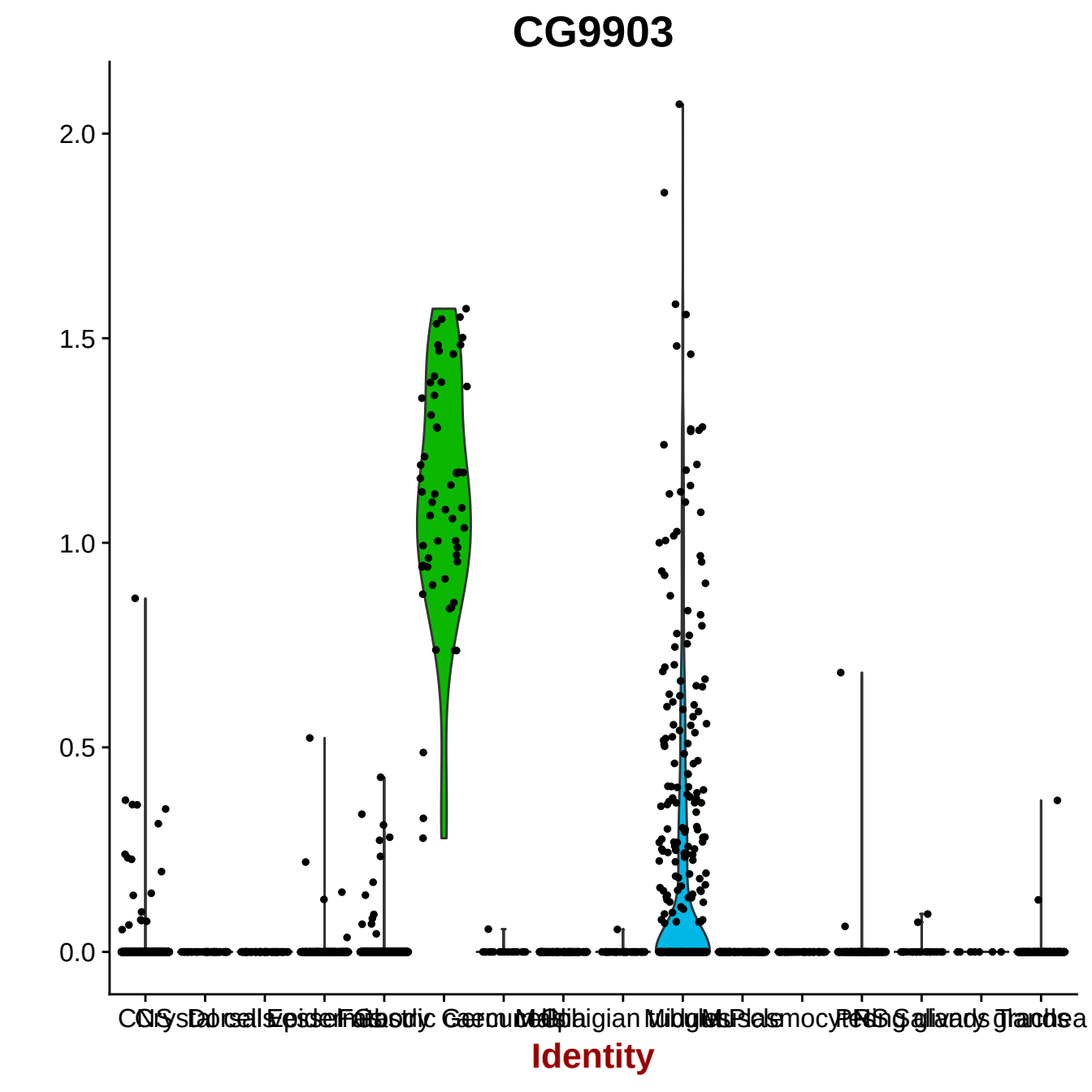
Identity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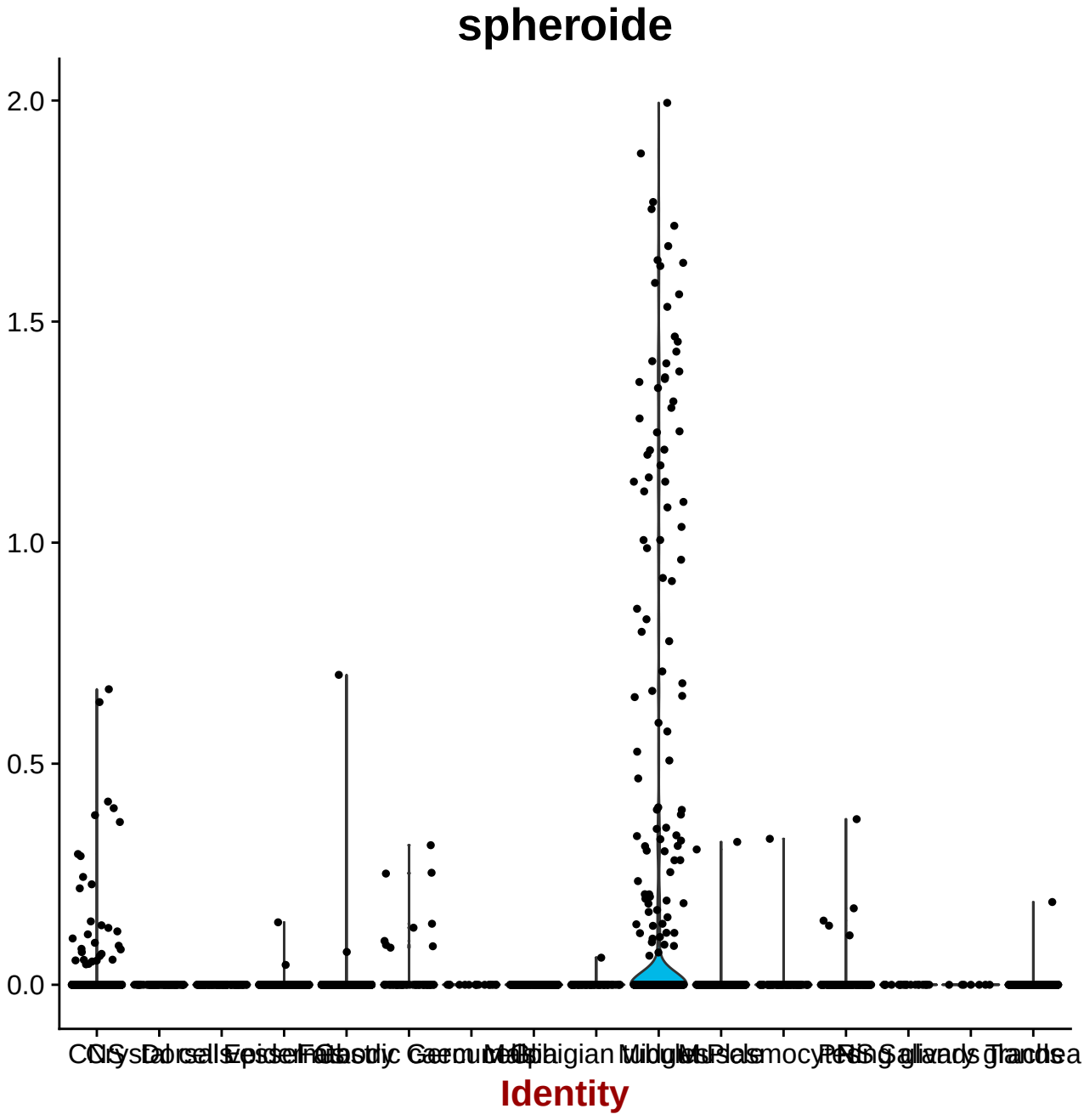
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2.0
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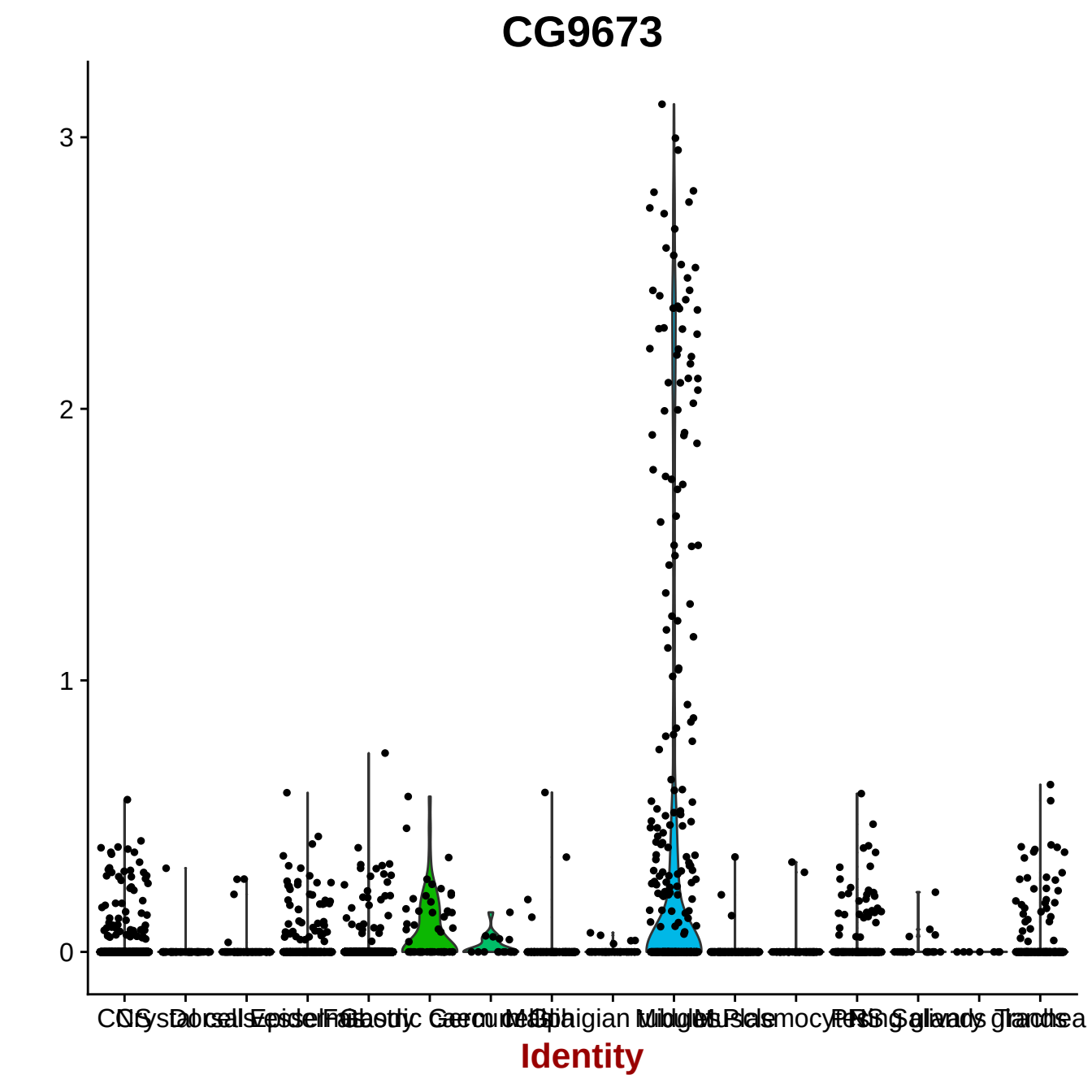
Identity


CG9673
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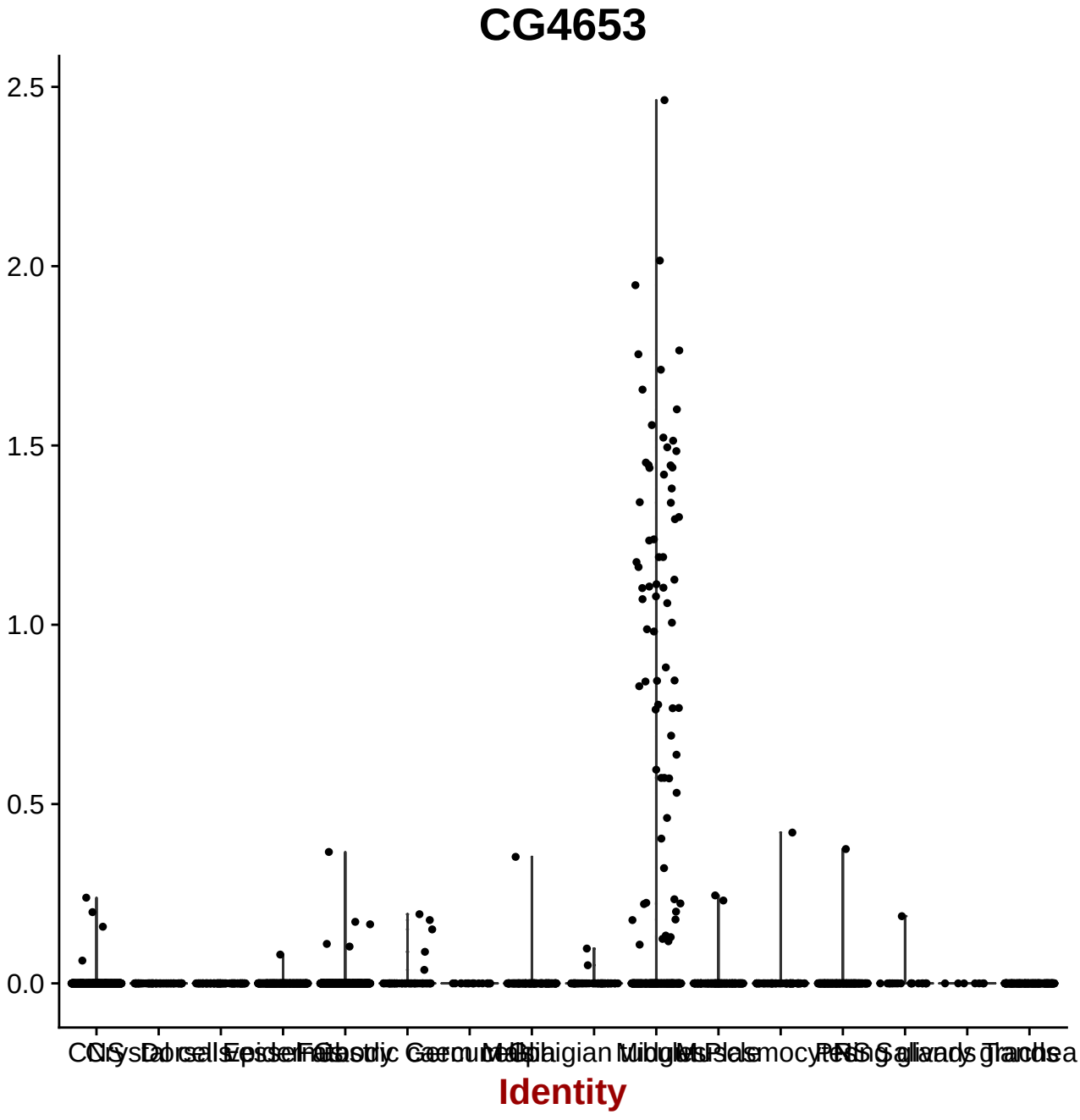
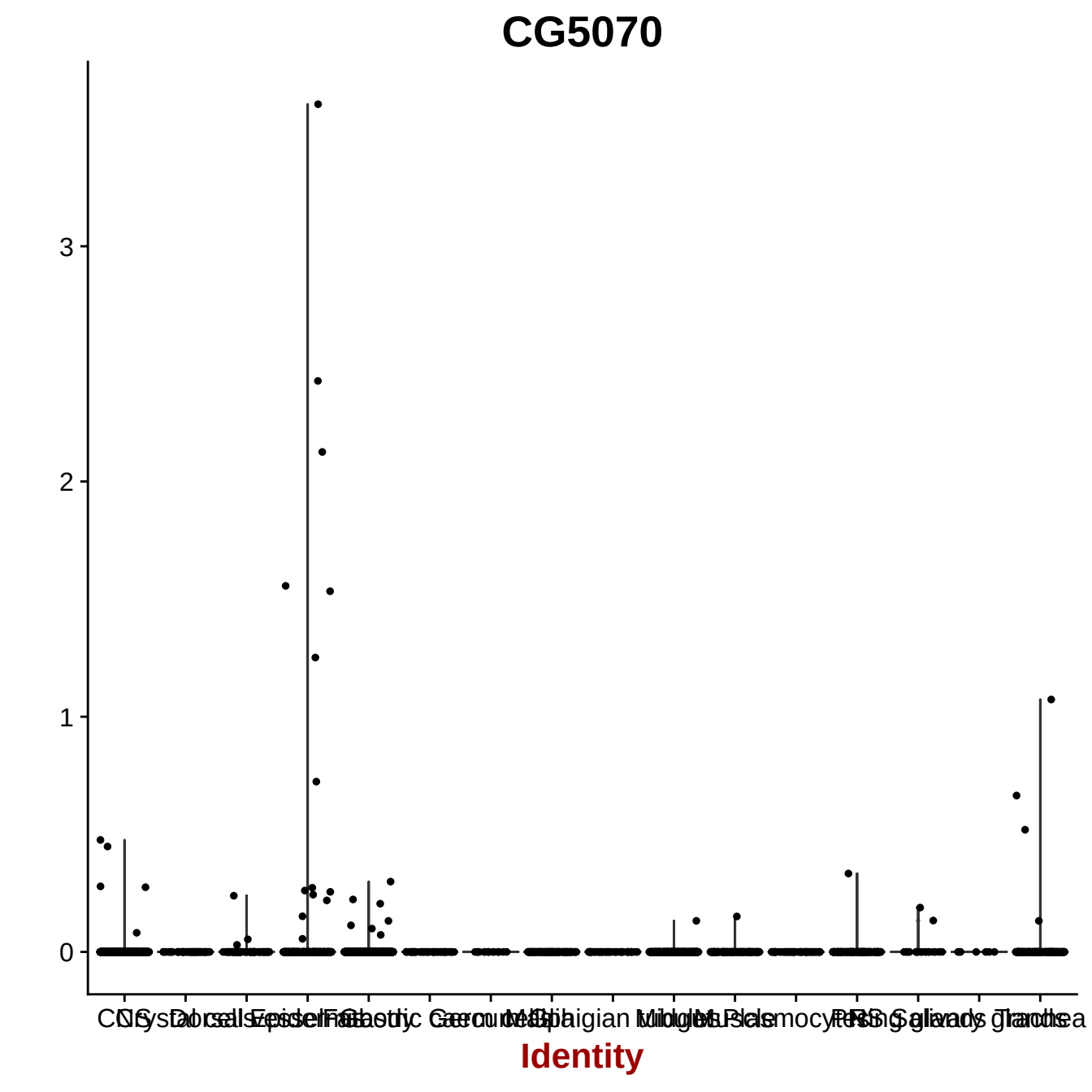
CNS
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity


CG4653
2.5
2.0
1.5
1.0
0.5
0.0
Identity


CG5070
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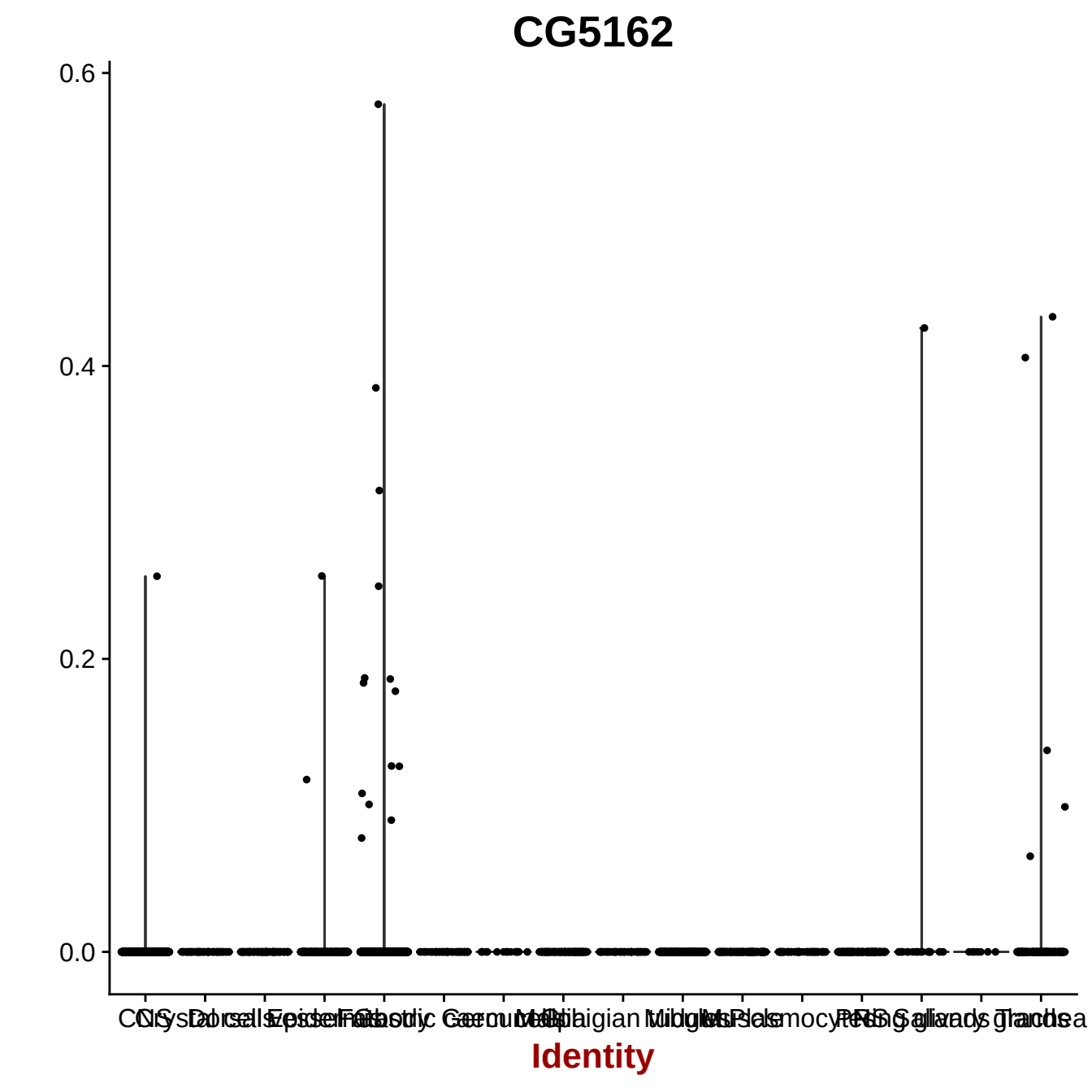
CNS
Dorsal Epidermis
Elastic Caecum
Malpighian tubules
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity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0.2
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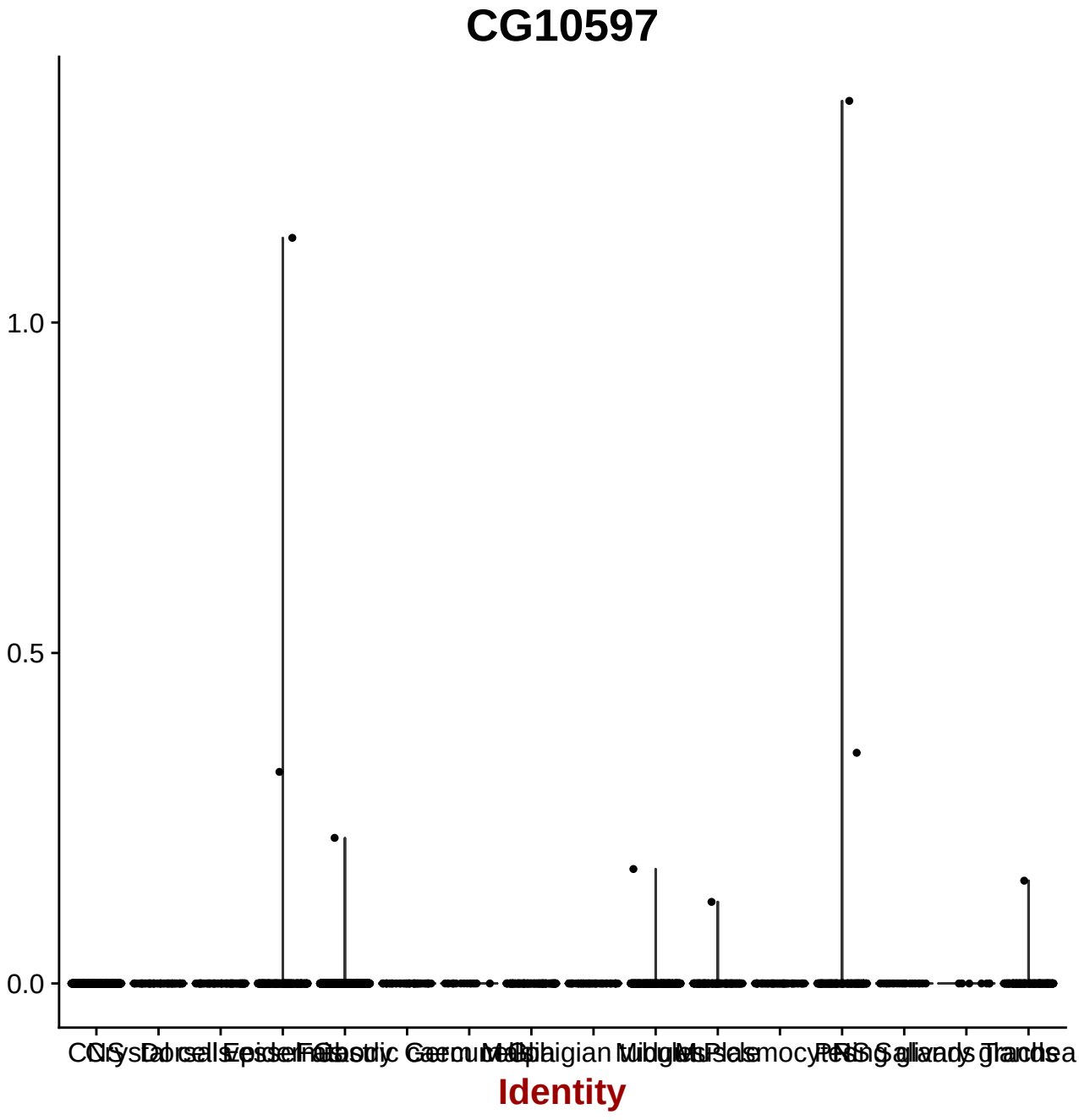
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0.0
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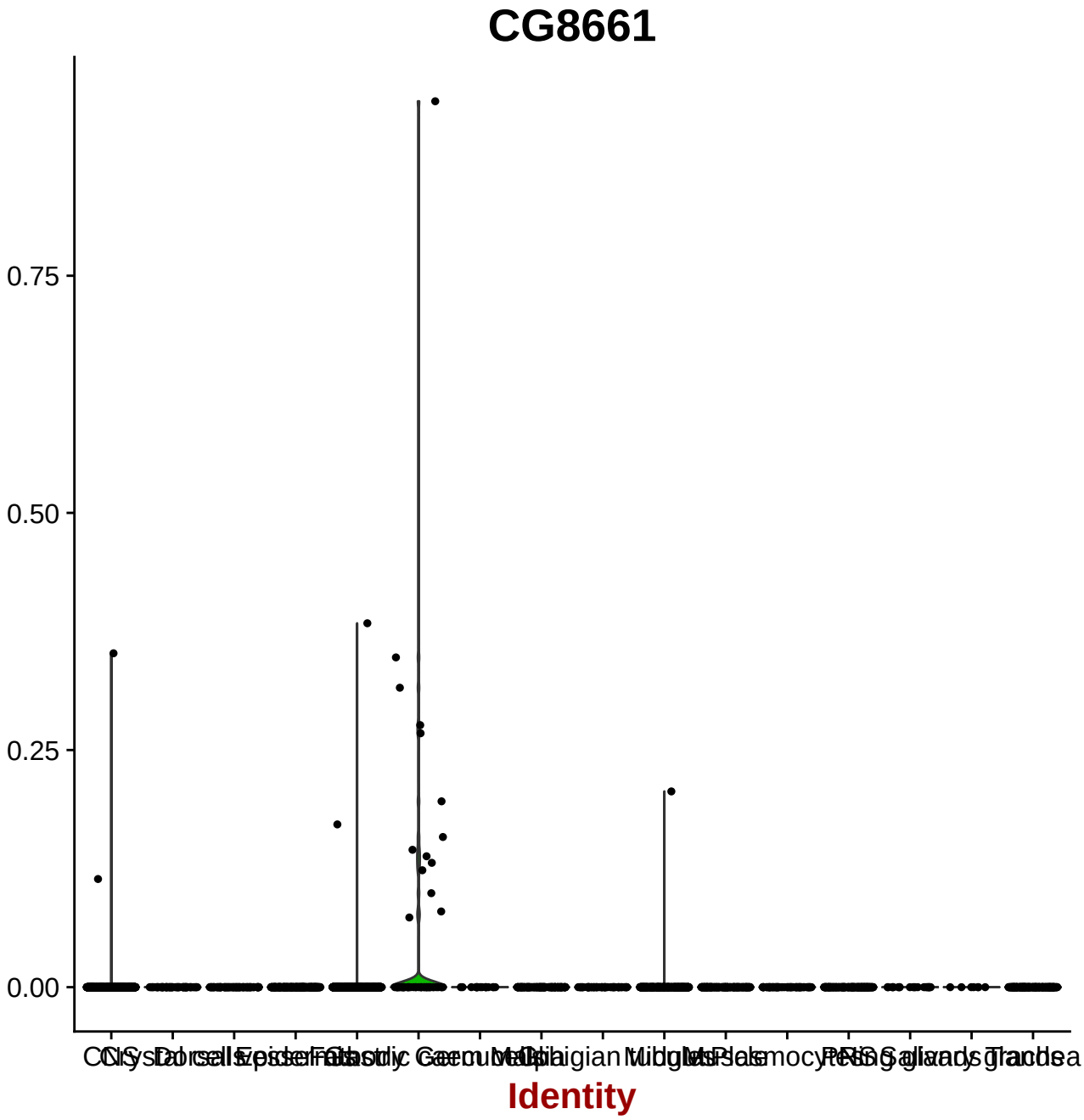
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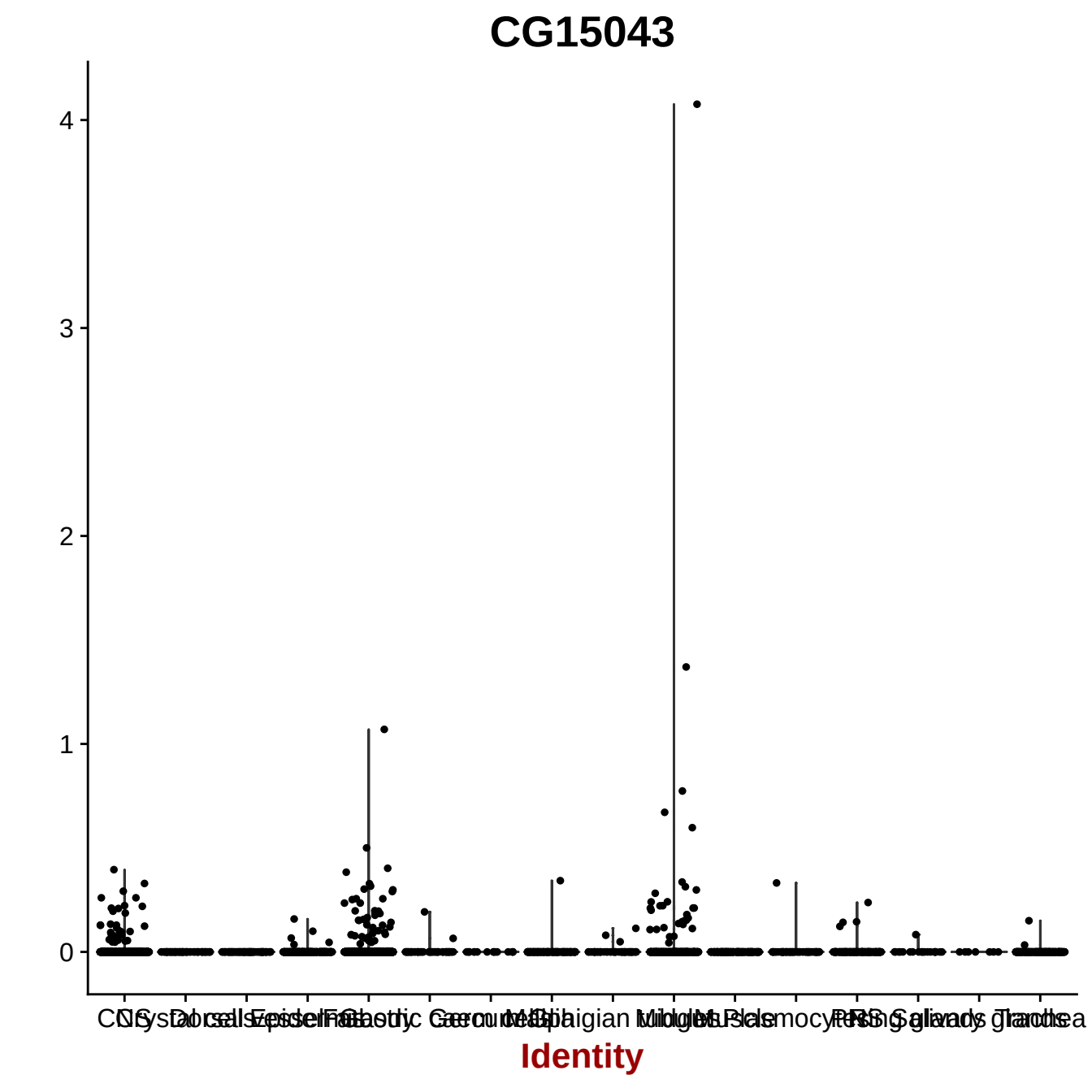
0.50
0.25
0.00
Identity


CG15043
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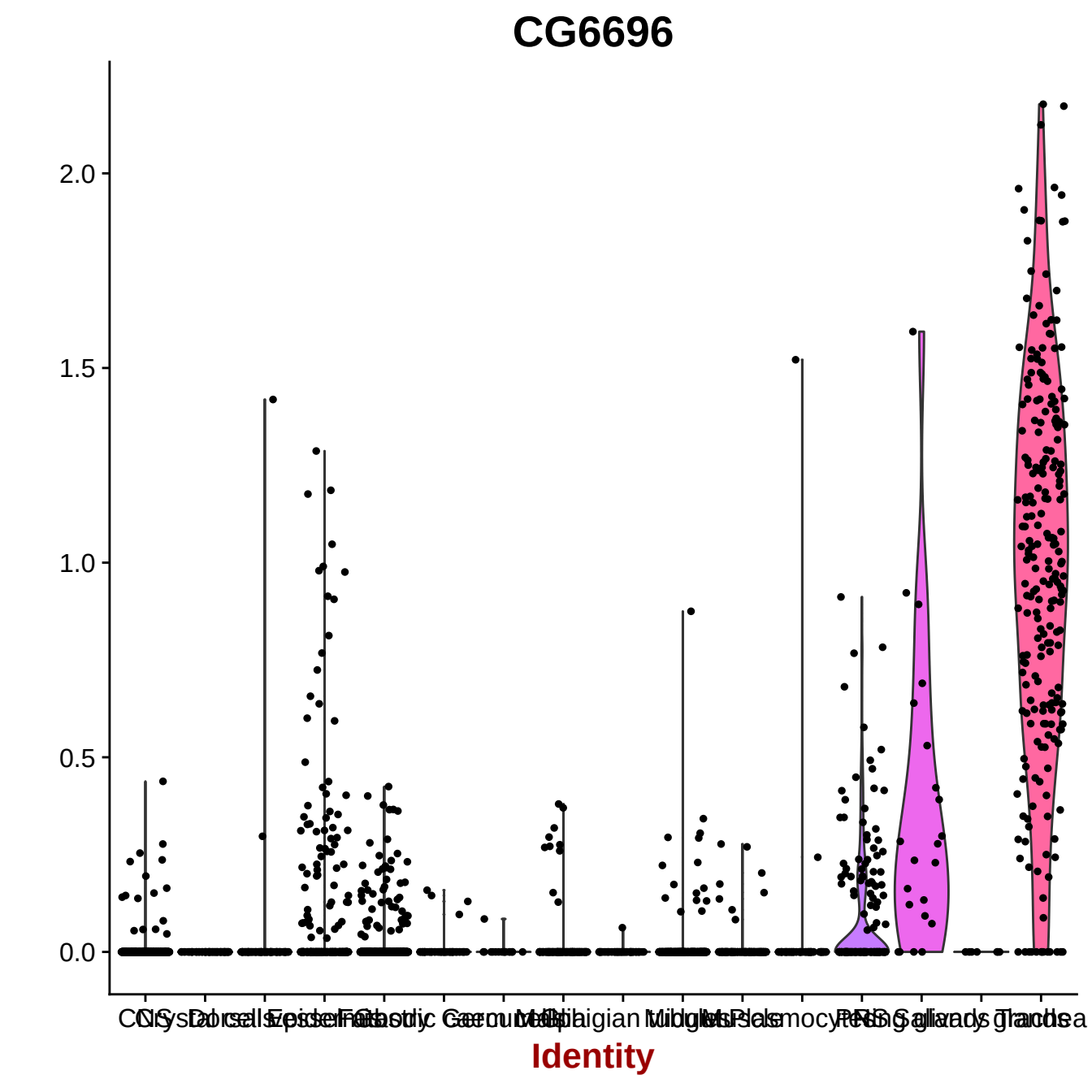
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity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1.0
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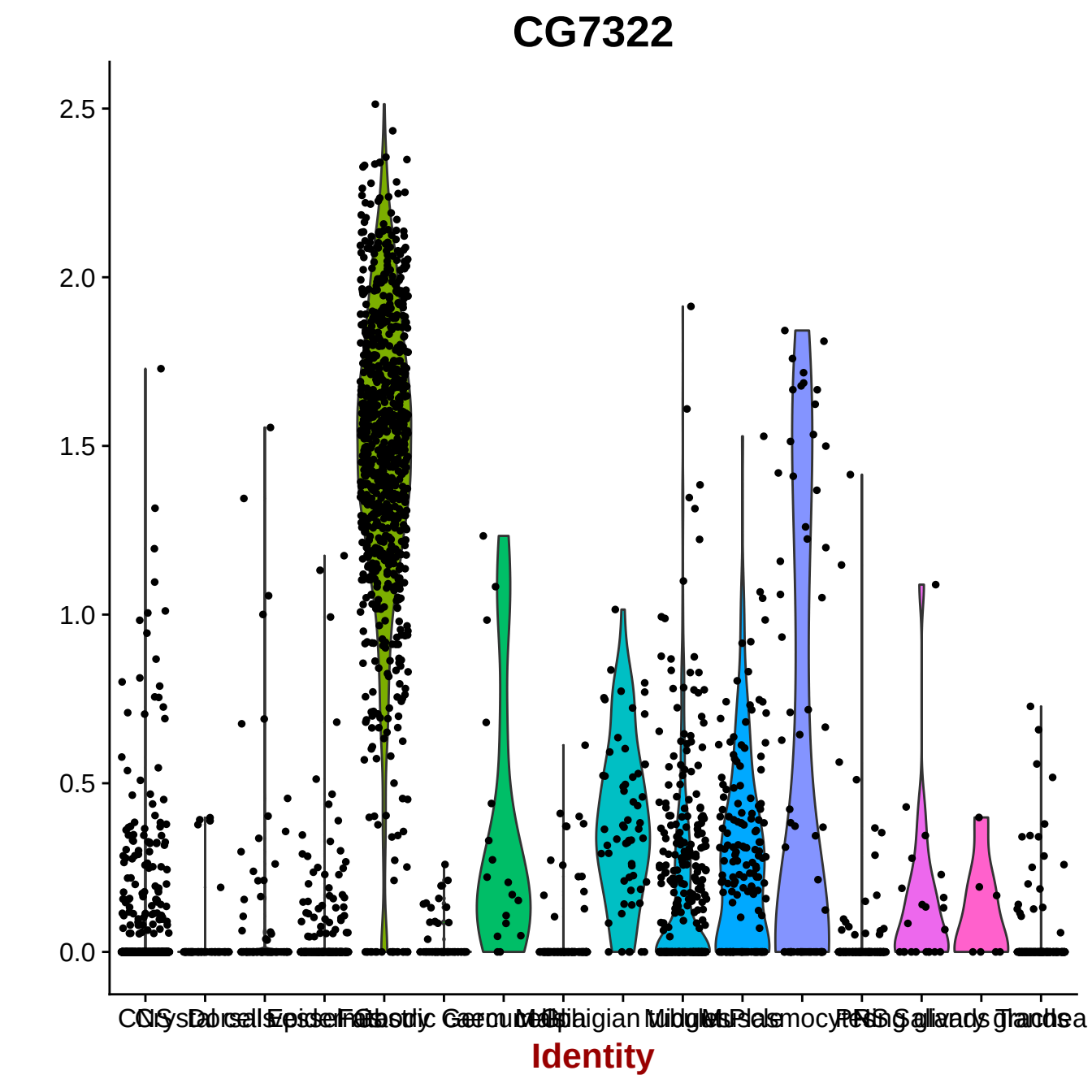
Identity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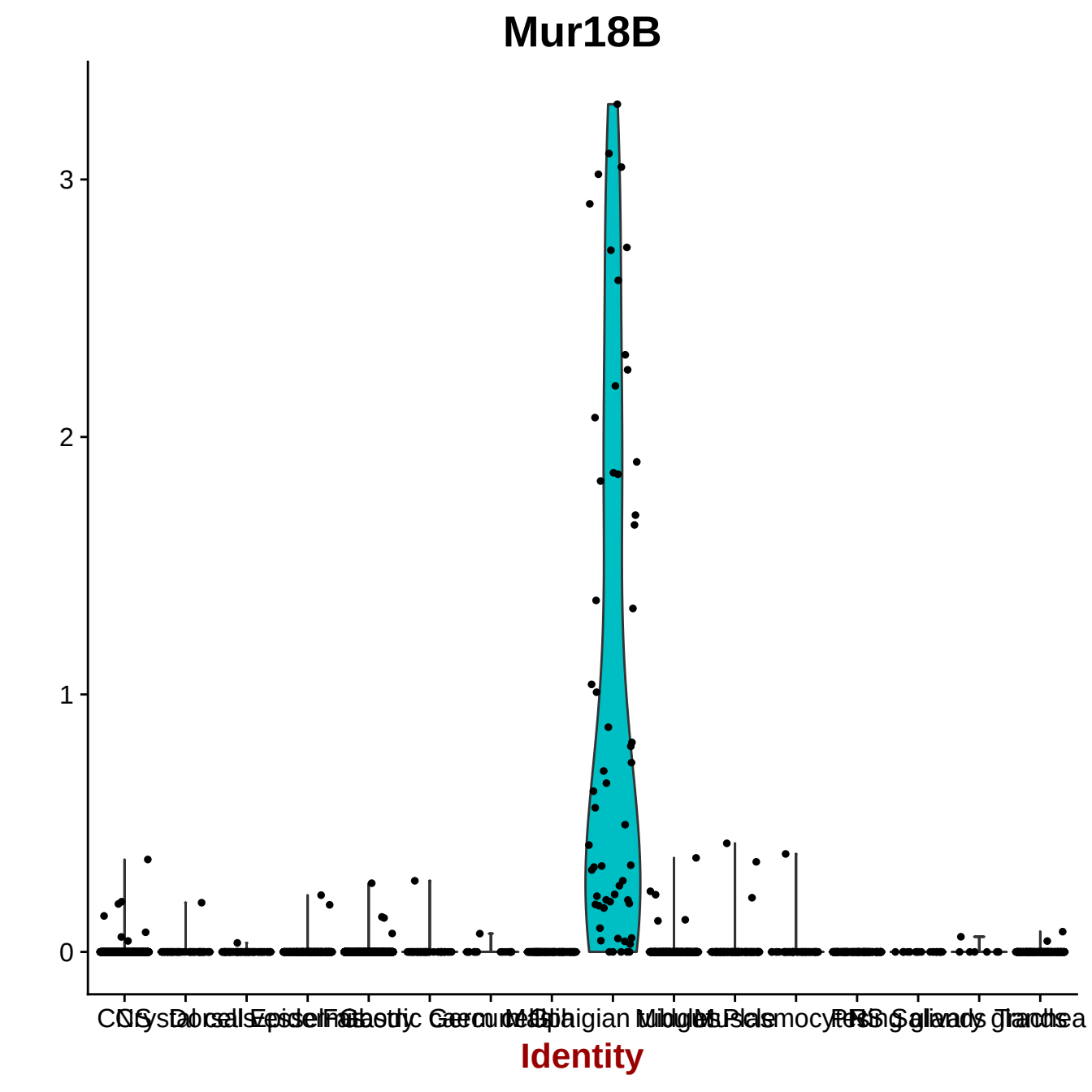
1.5
1.0
0.5
0.0
Identity


Mur18B
3
2
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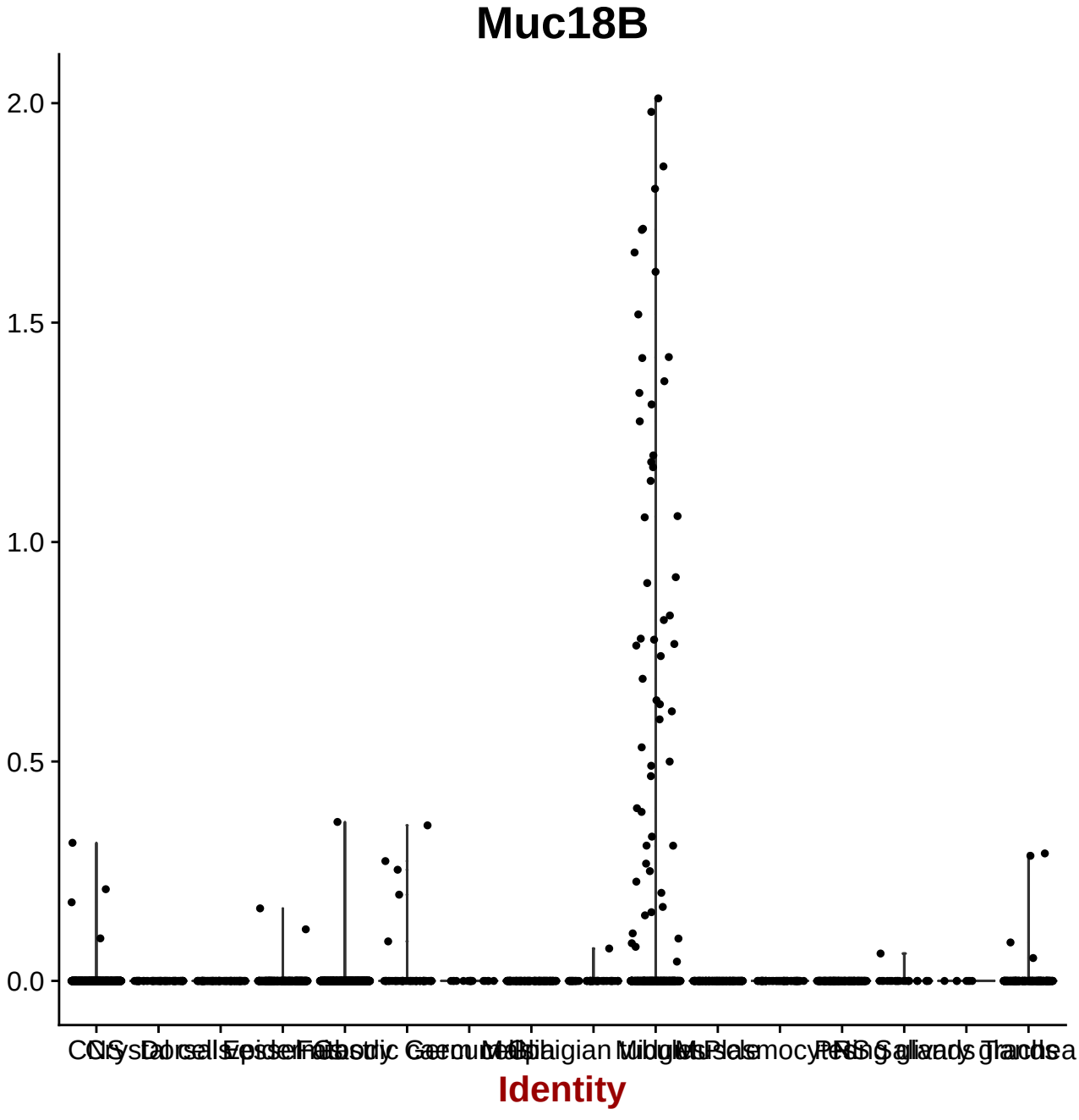
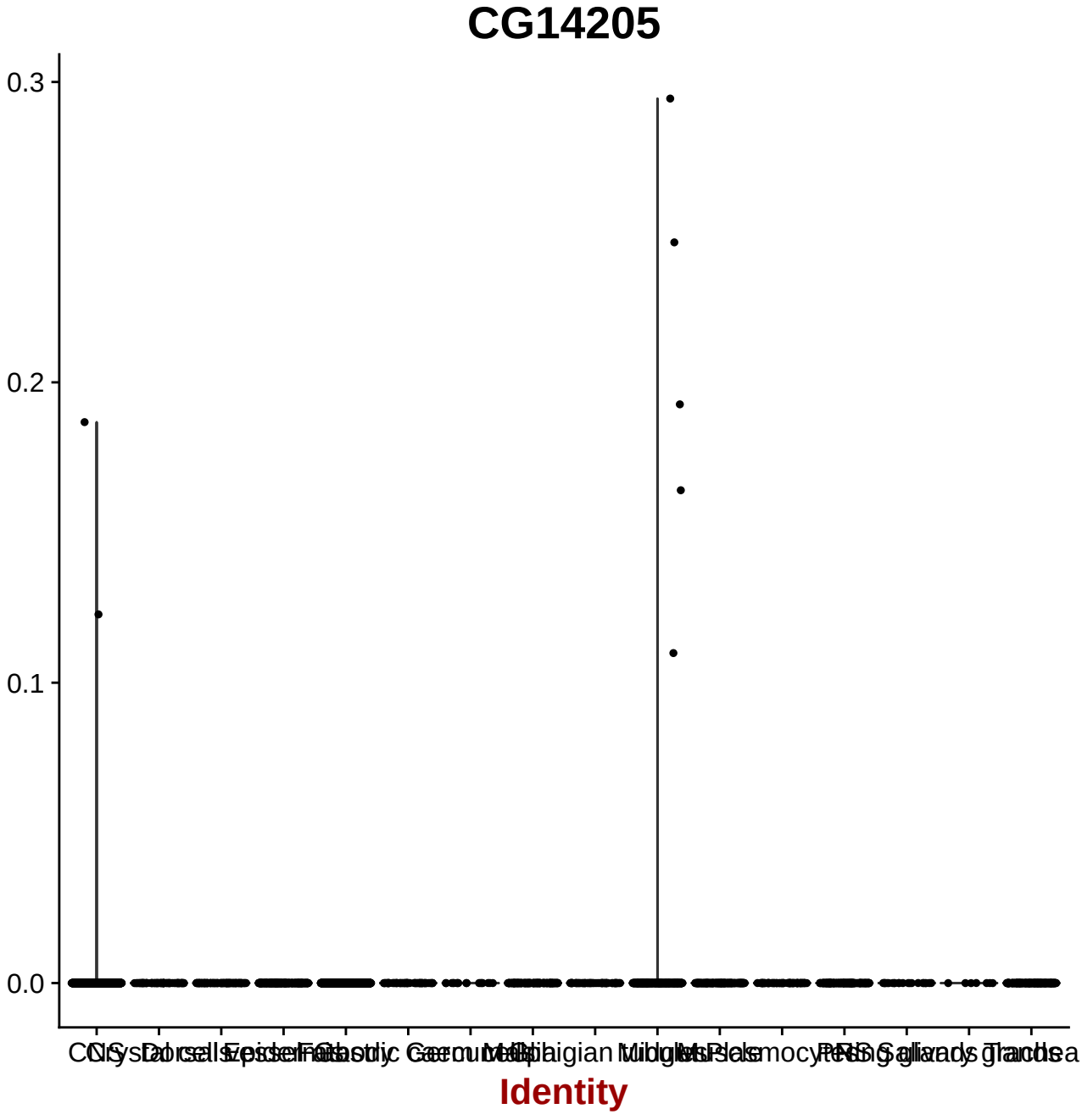
CNS
Dorsal Epidermis
Vessel
Elastic
Cartilage
Muscle
Hepatocyte
Salivary gland
Trachea
Identity


Muc18B
2.0
1.5
1.0
0.5
0.0
Identity


CG14205
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0.1
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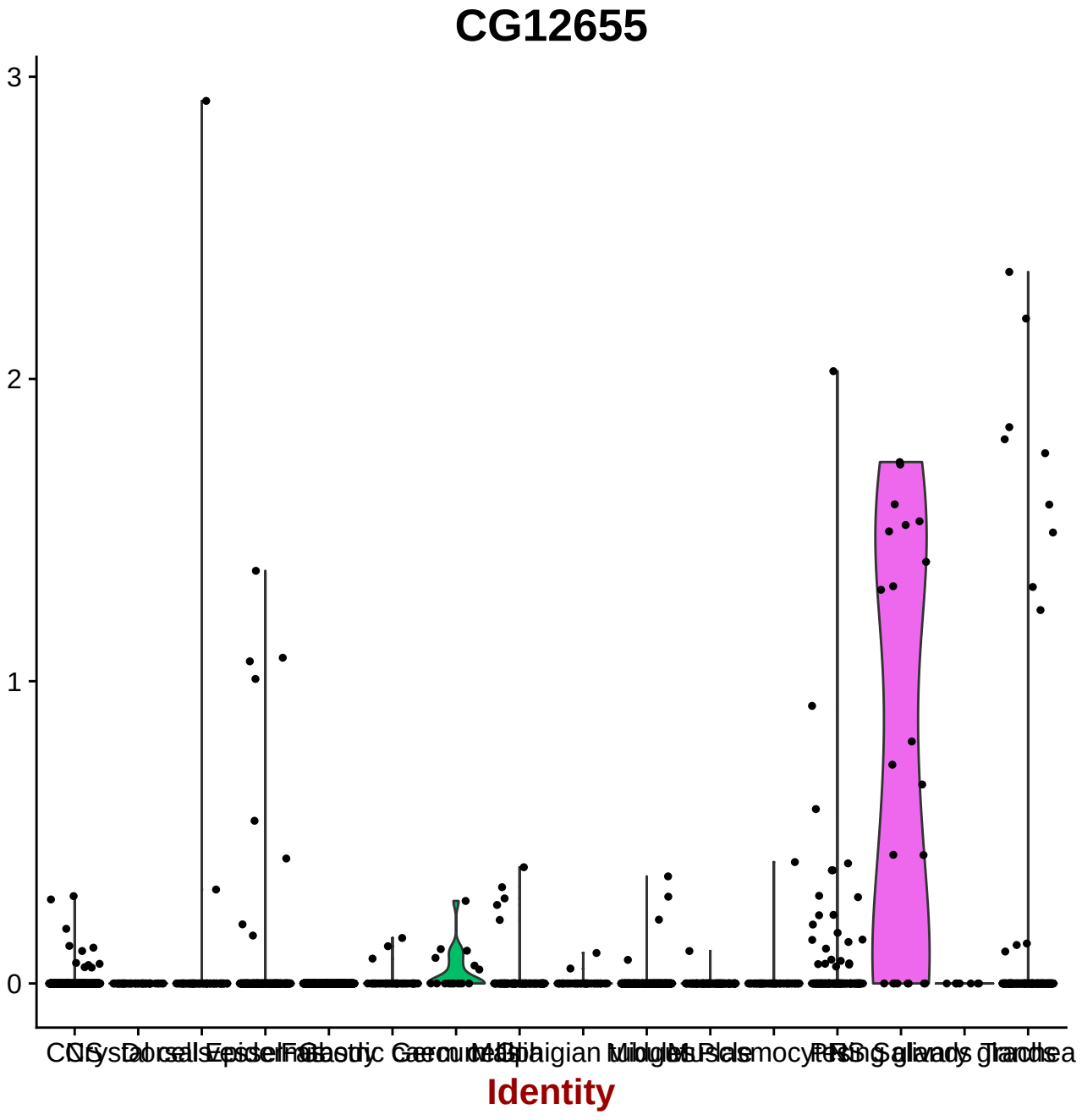
Identity


CG12655
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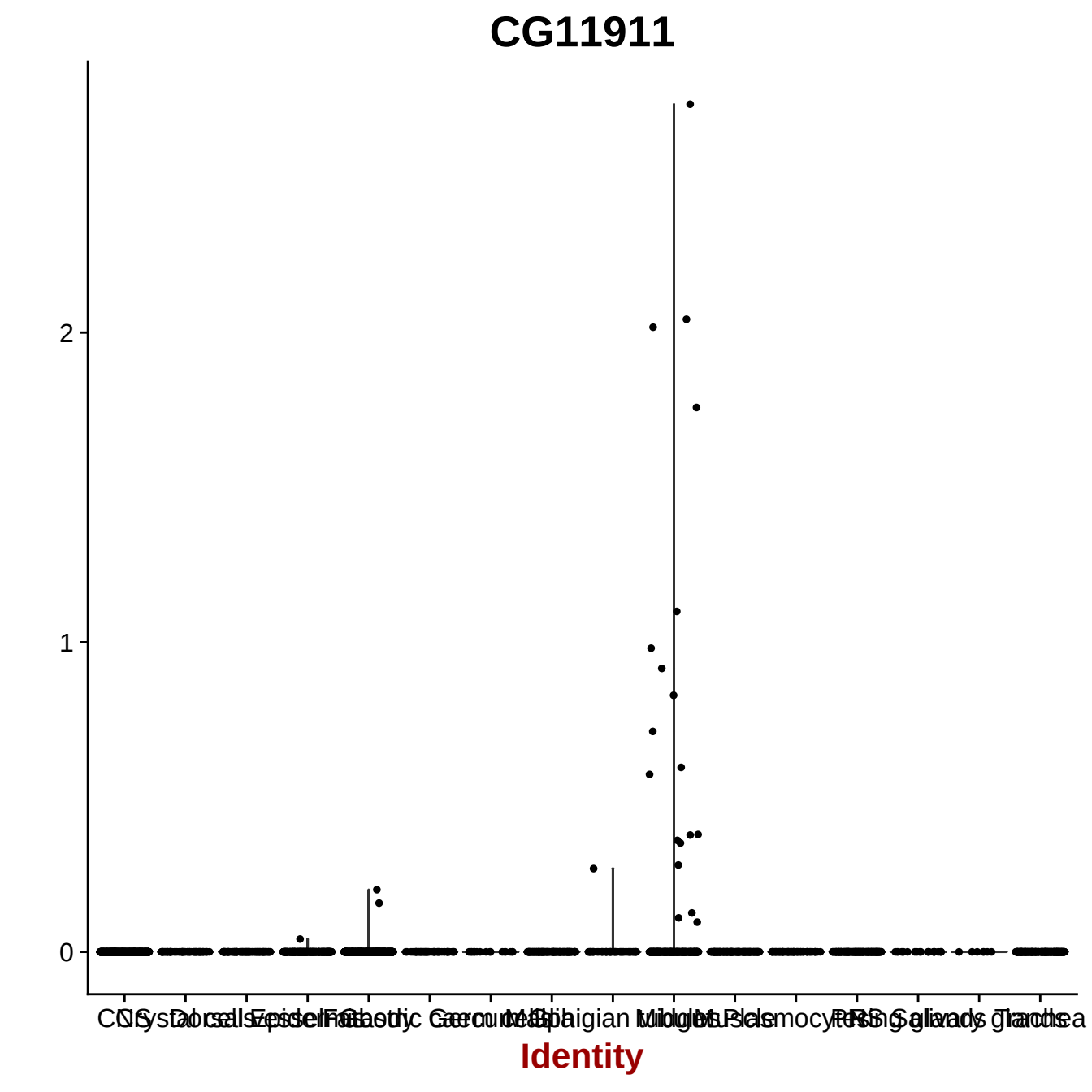
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caudal
Malpighian
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG11911
2
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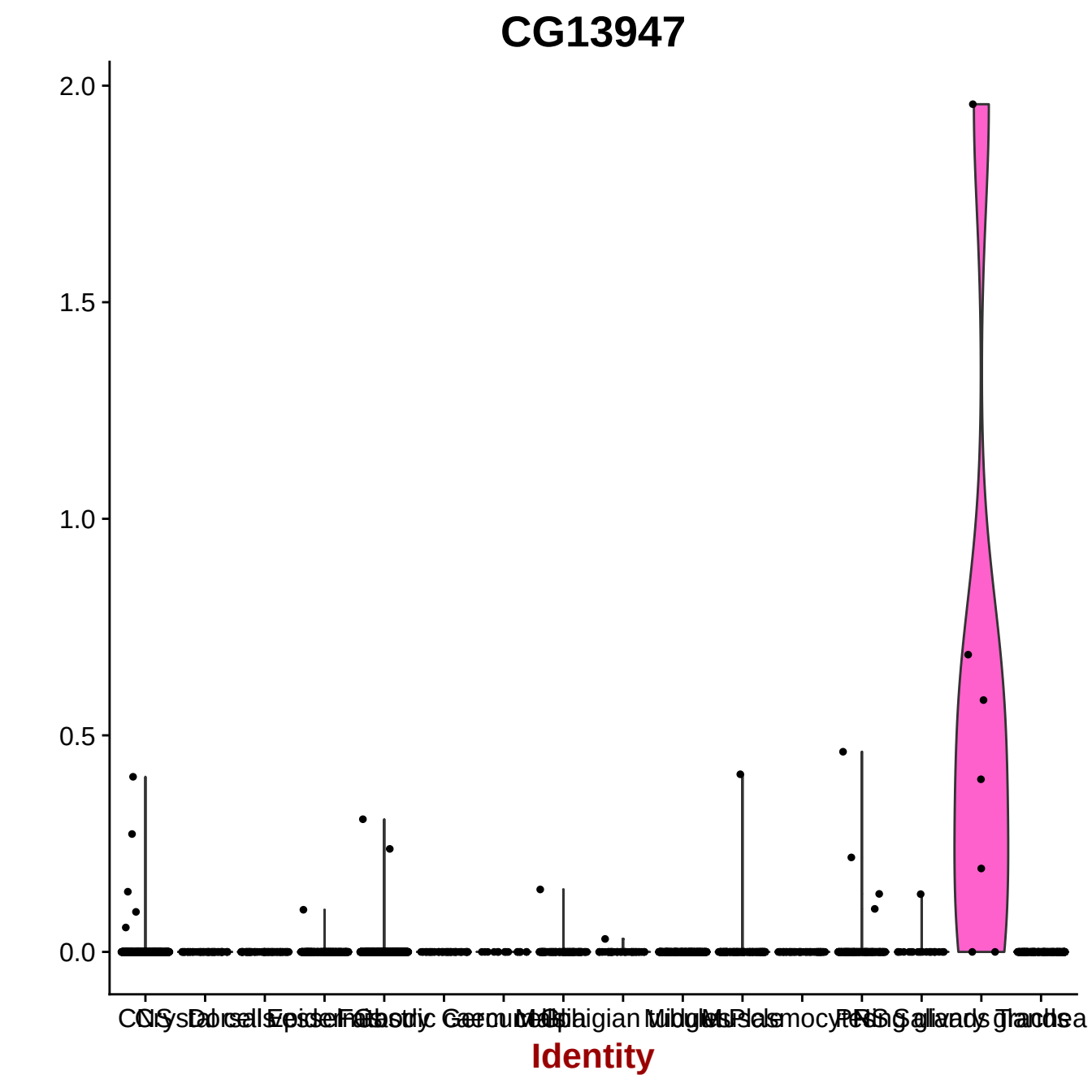
CNS
Dorsal Epidermis
Vessel
Epithelial
Gastric
Caecum
Malpighian
Midgut
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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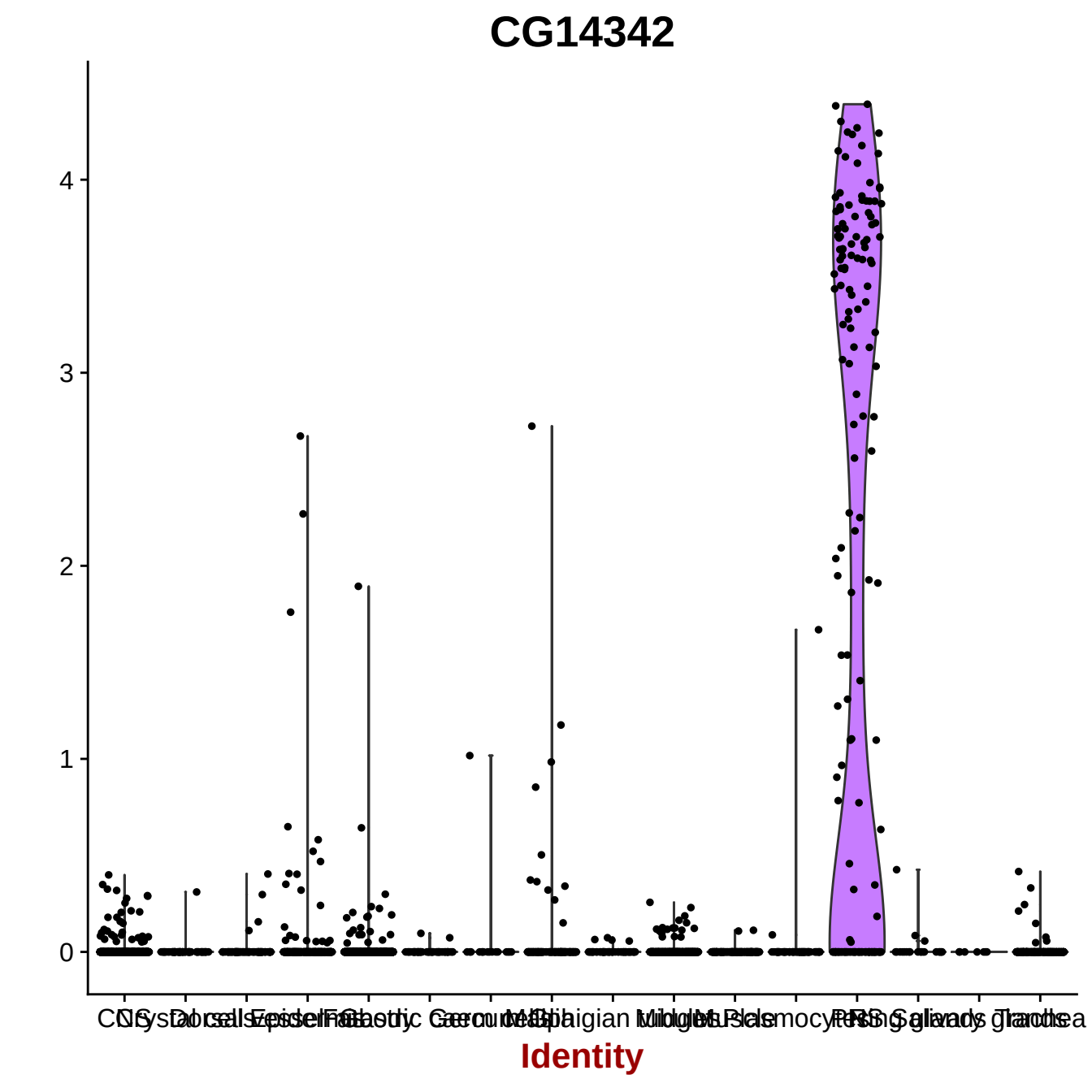
1.5
1.0
0.5
0.0
Identity


CG14342
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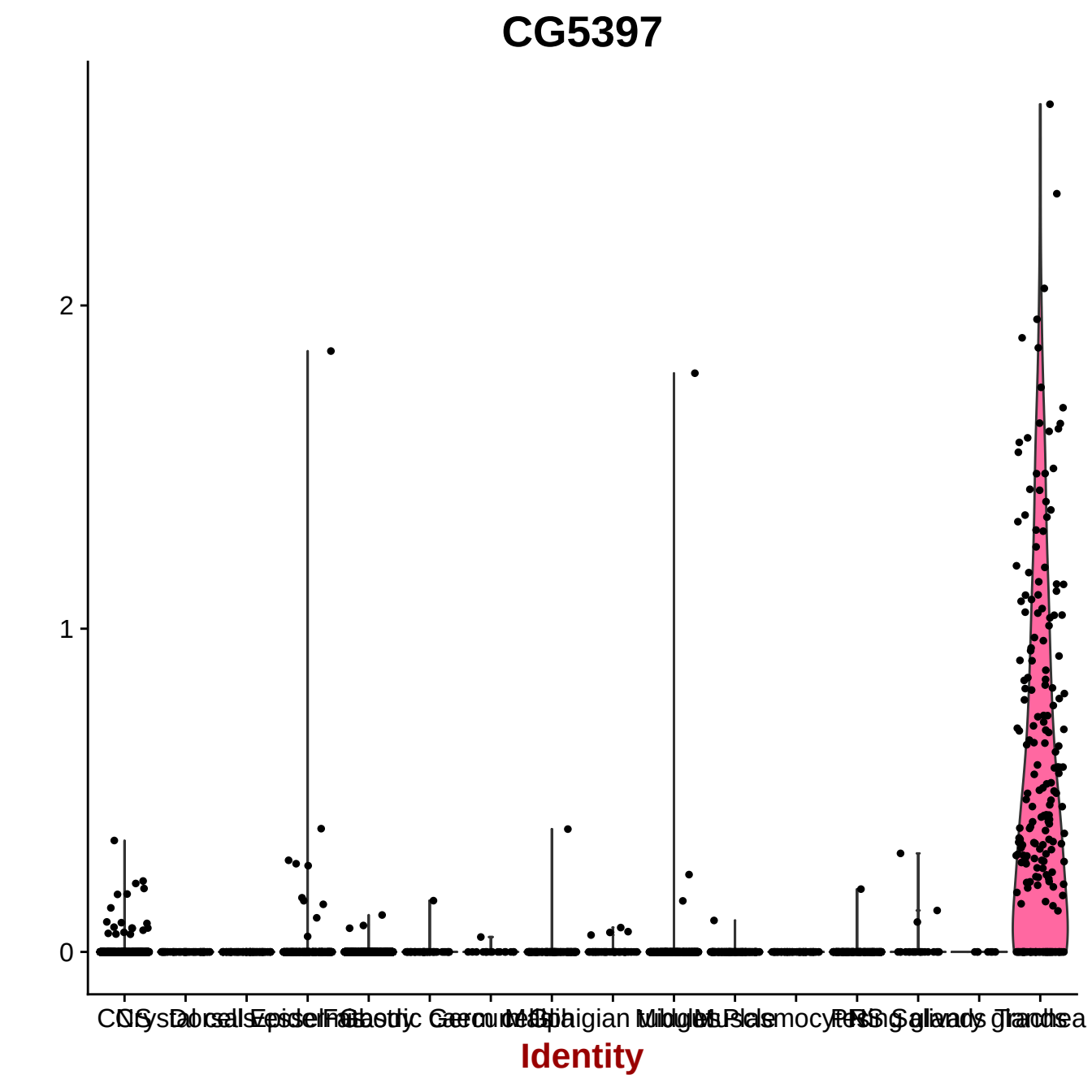
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG5397
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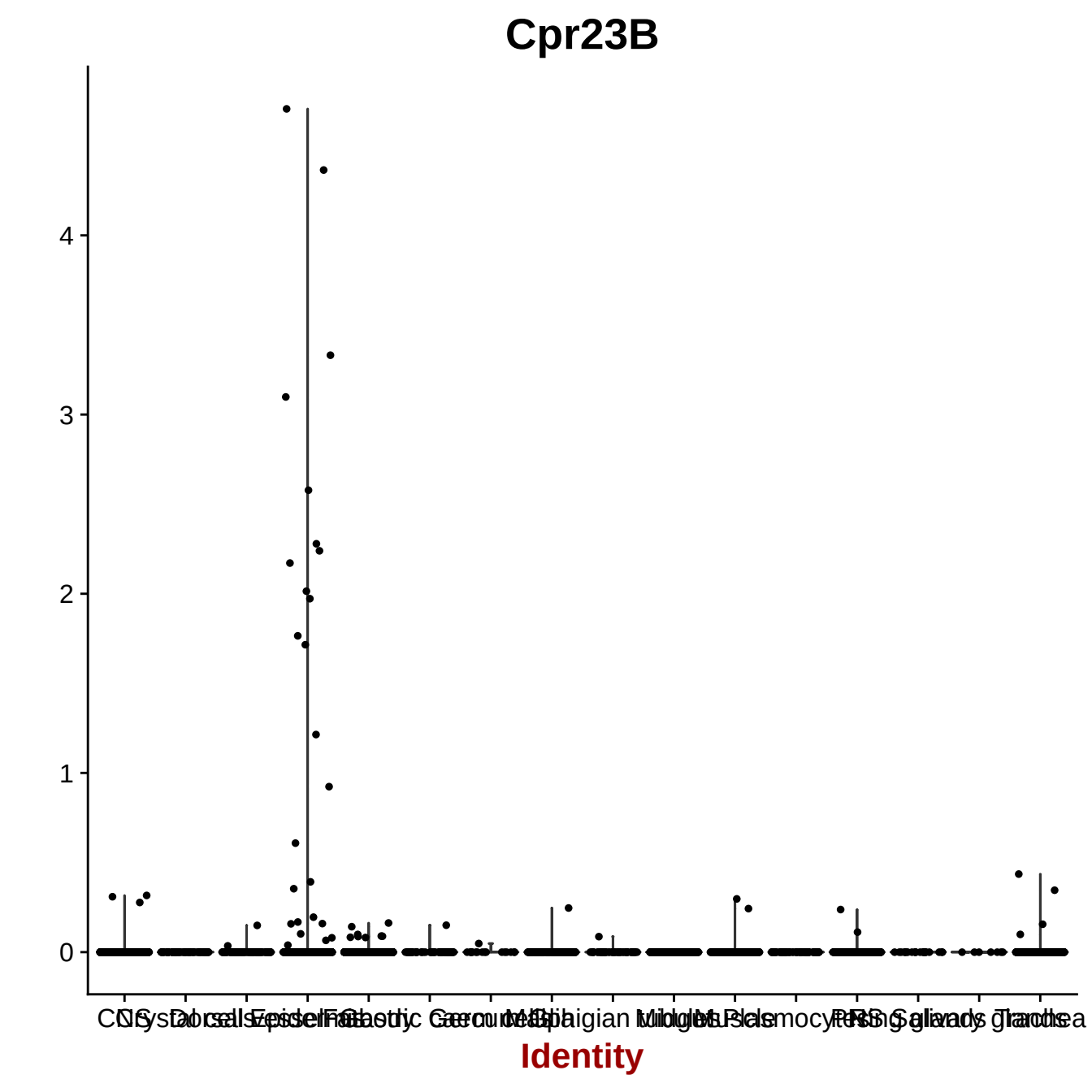
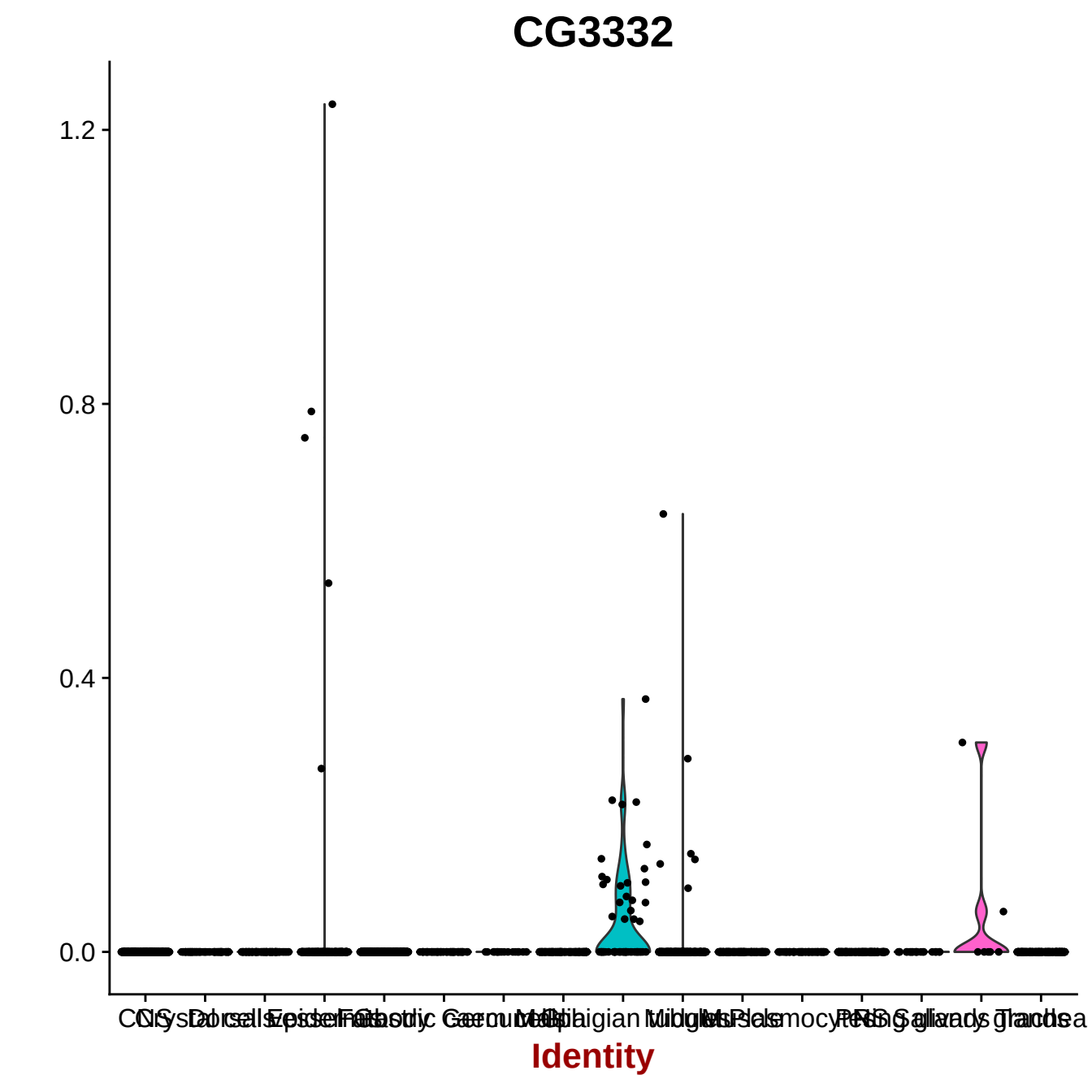
CNS
Dorsal Epidermis
Elastic Caecum
Malpighian tubules
Hindgut
Hemocytes
PRS Glands
Trachea
Identity


Cpr23B
4
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity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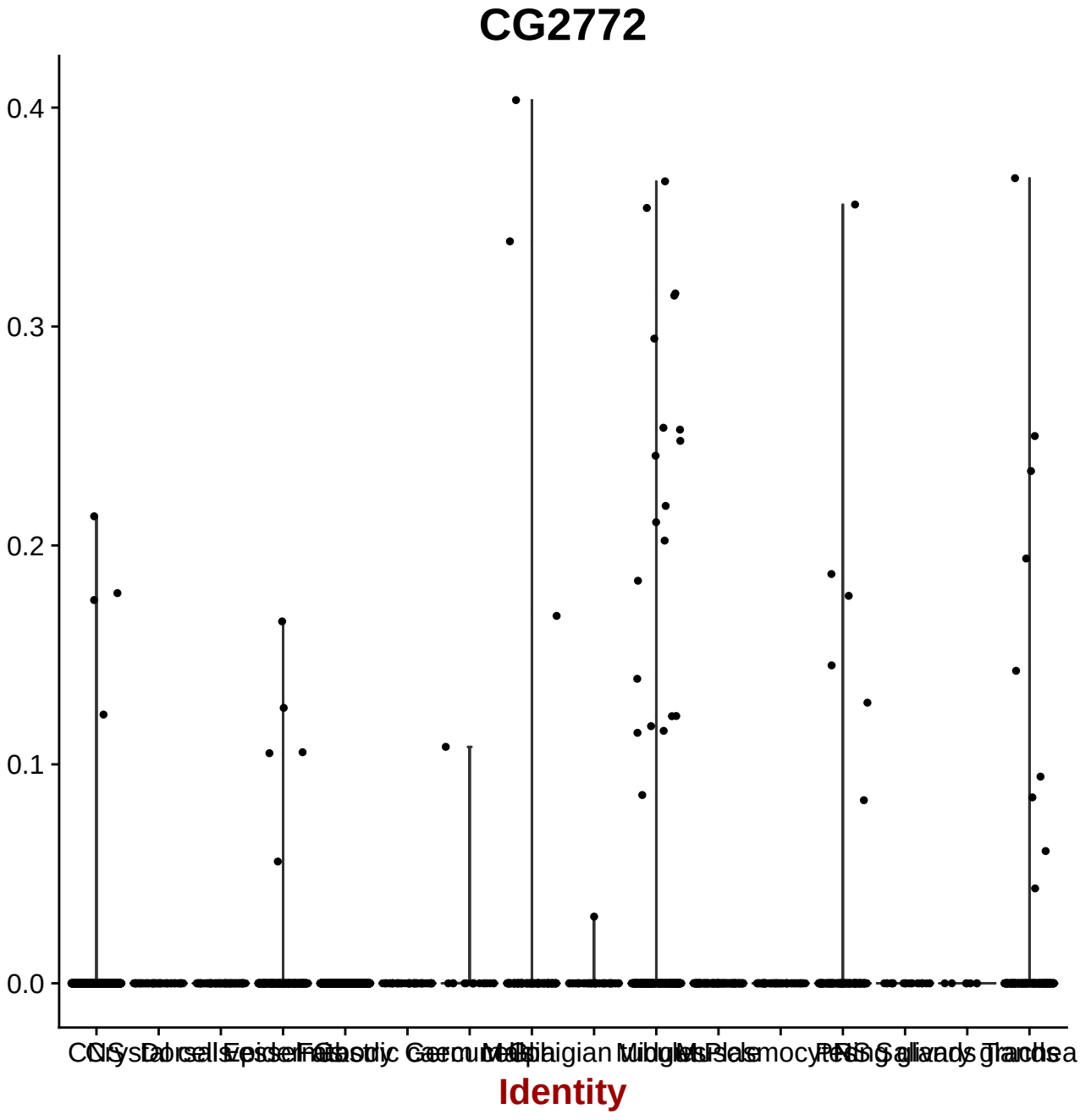
0.4
0.0
Identity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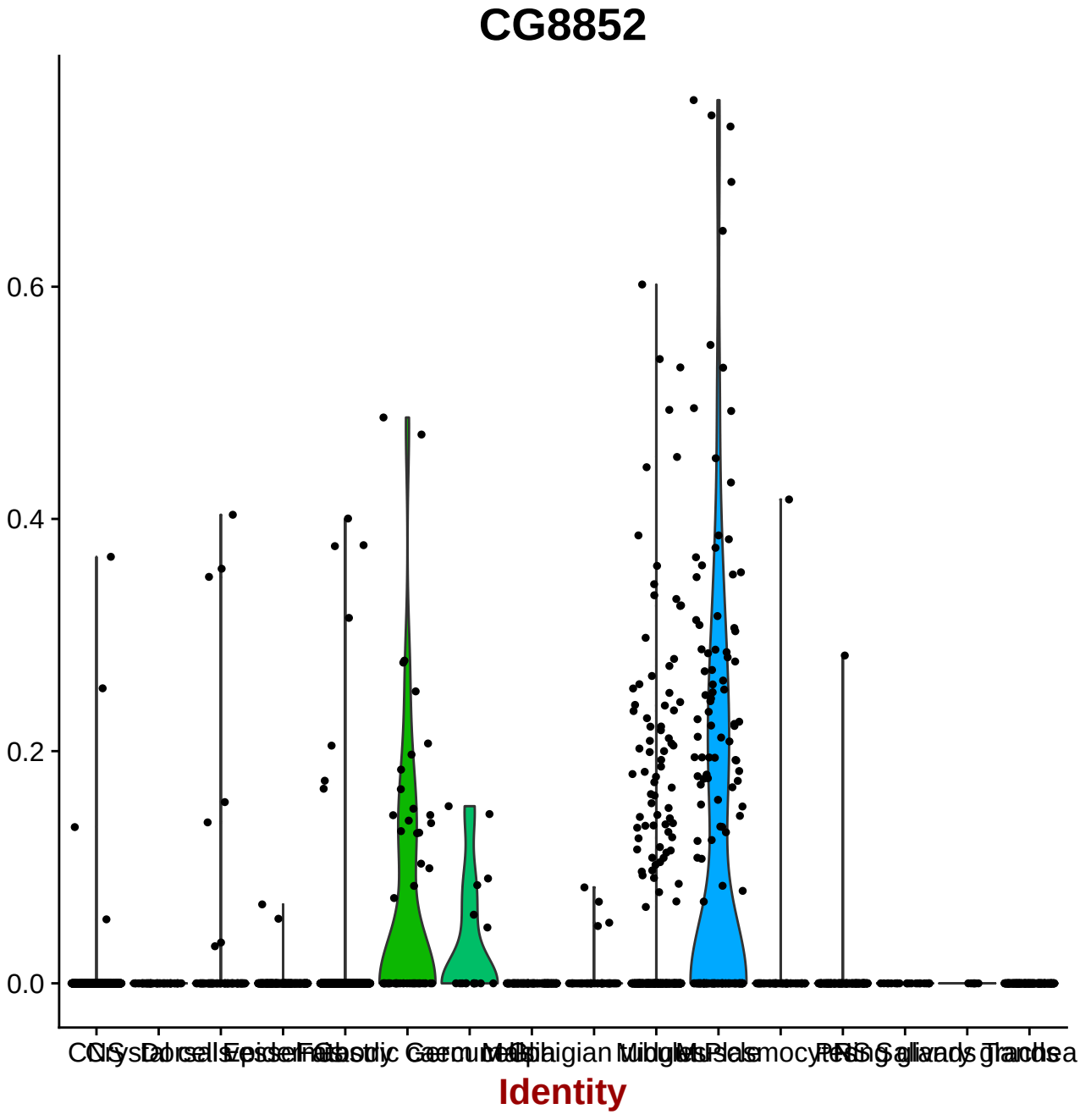
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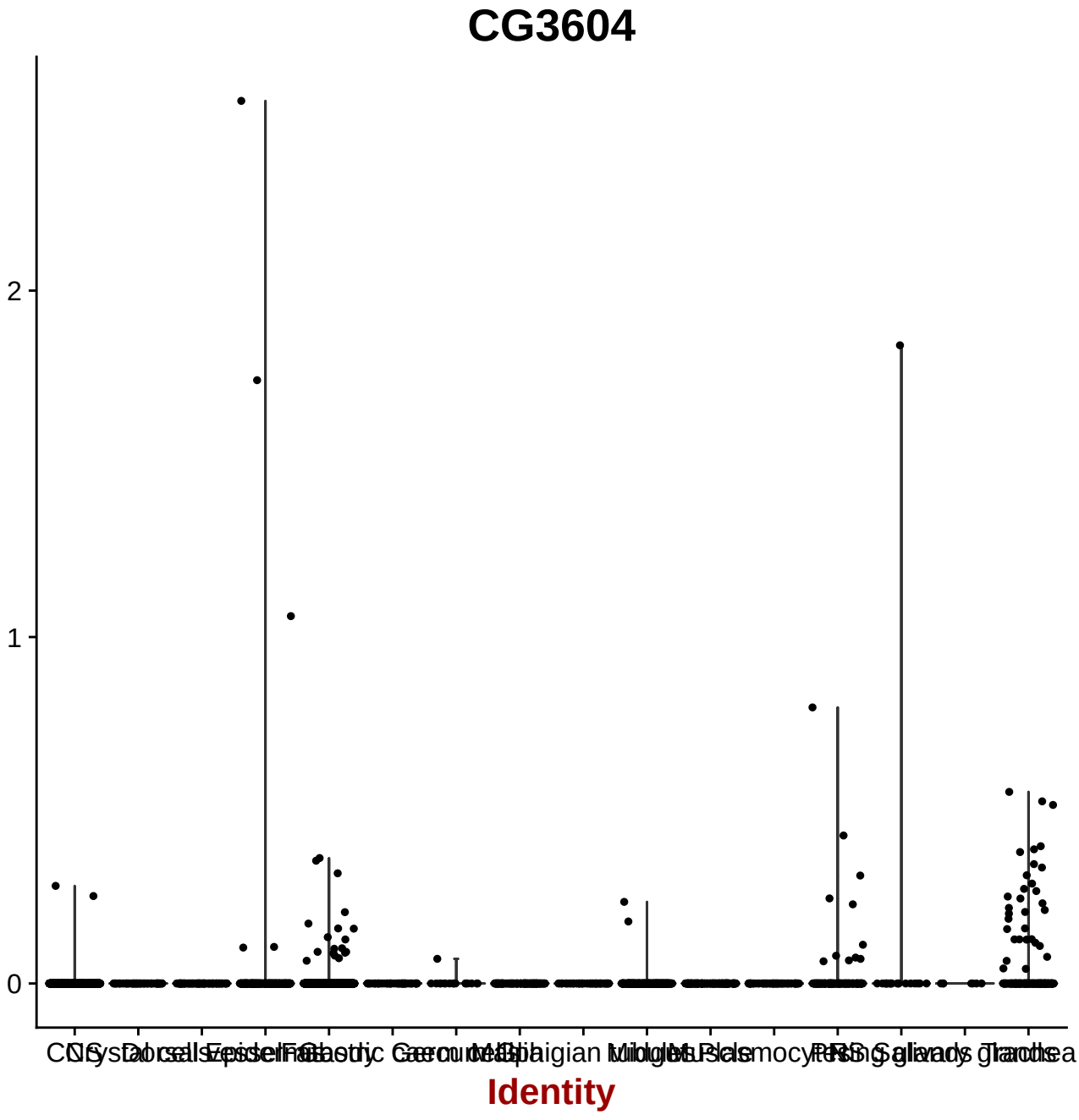
CG3604
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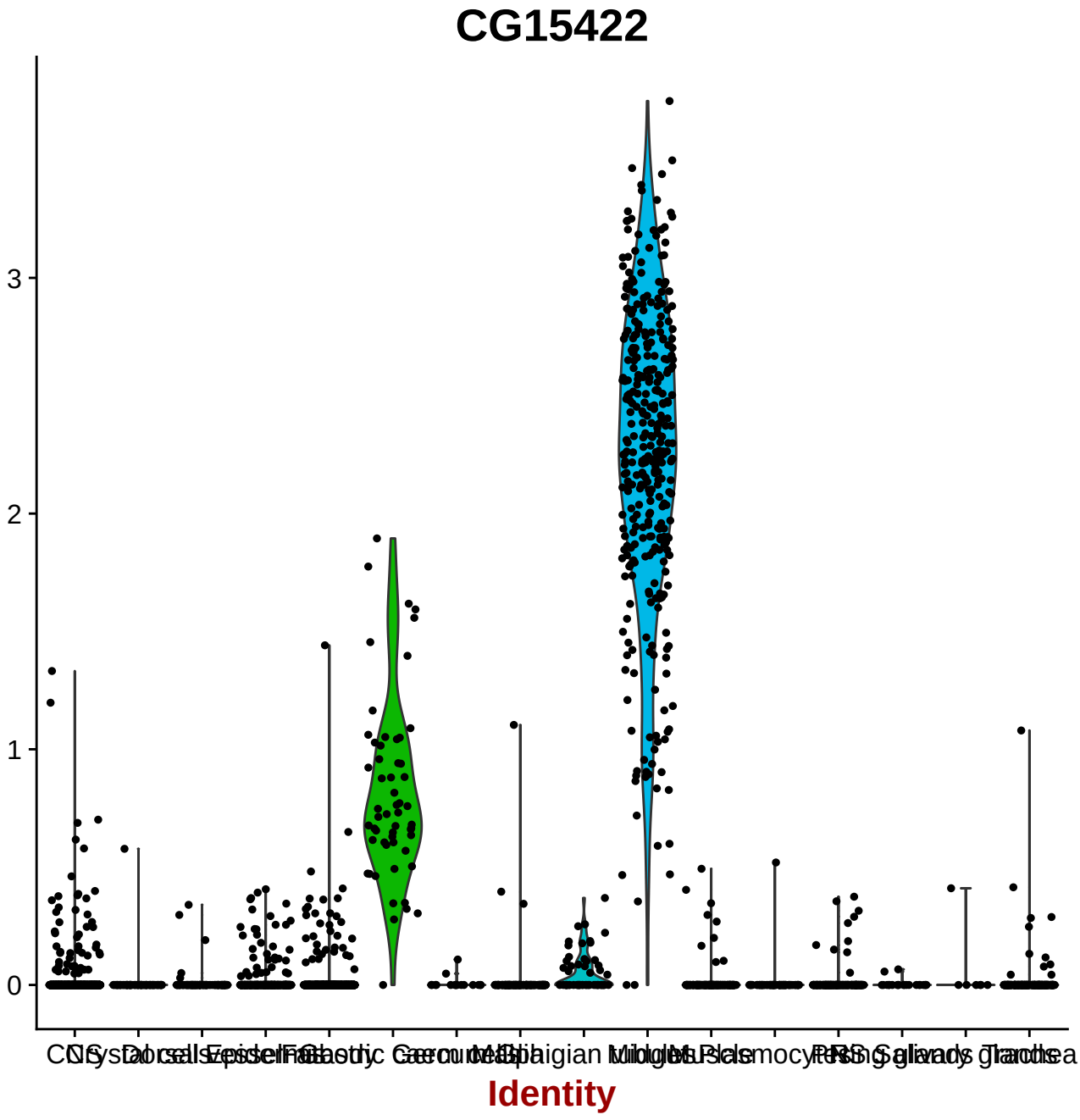
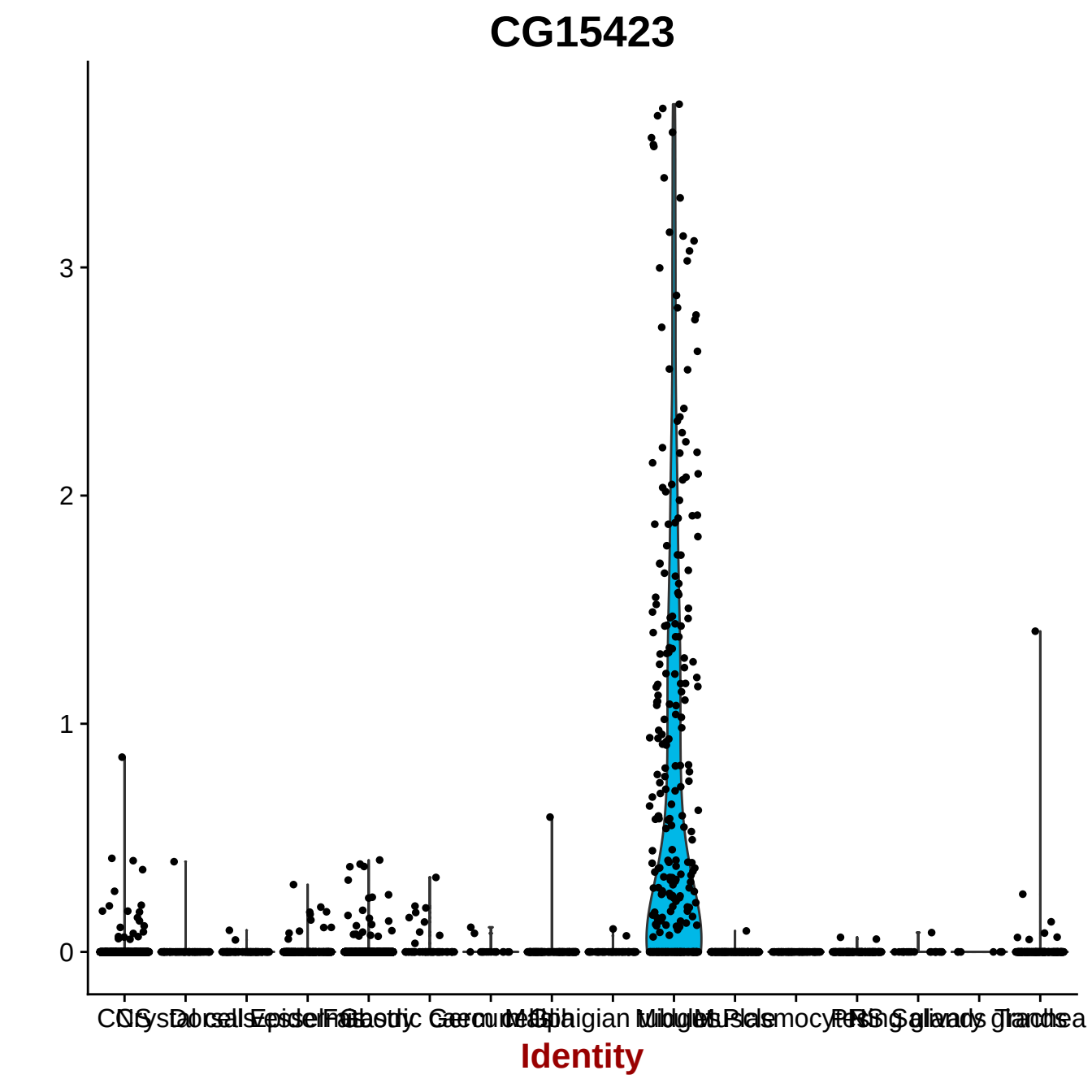
CNS
Dorsal Epidermis
Vessel
Elastic
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG15422
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG15423
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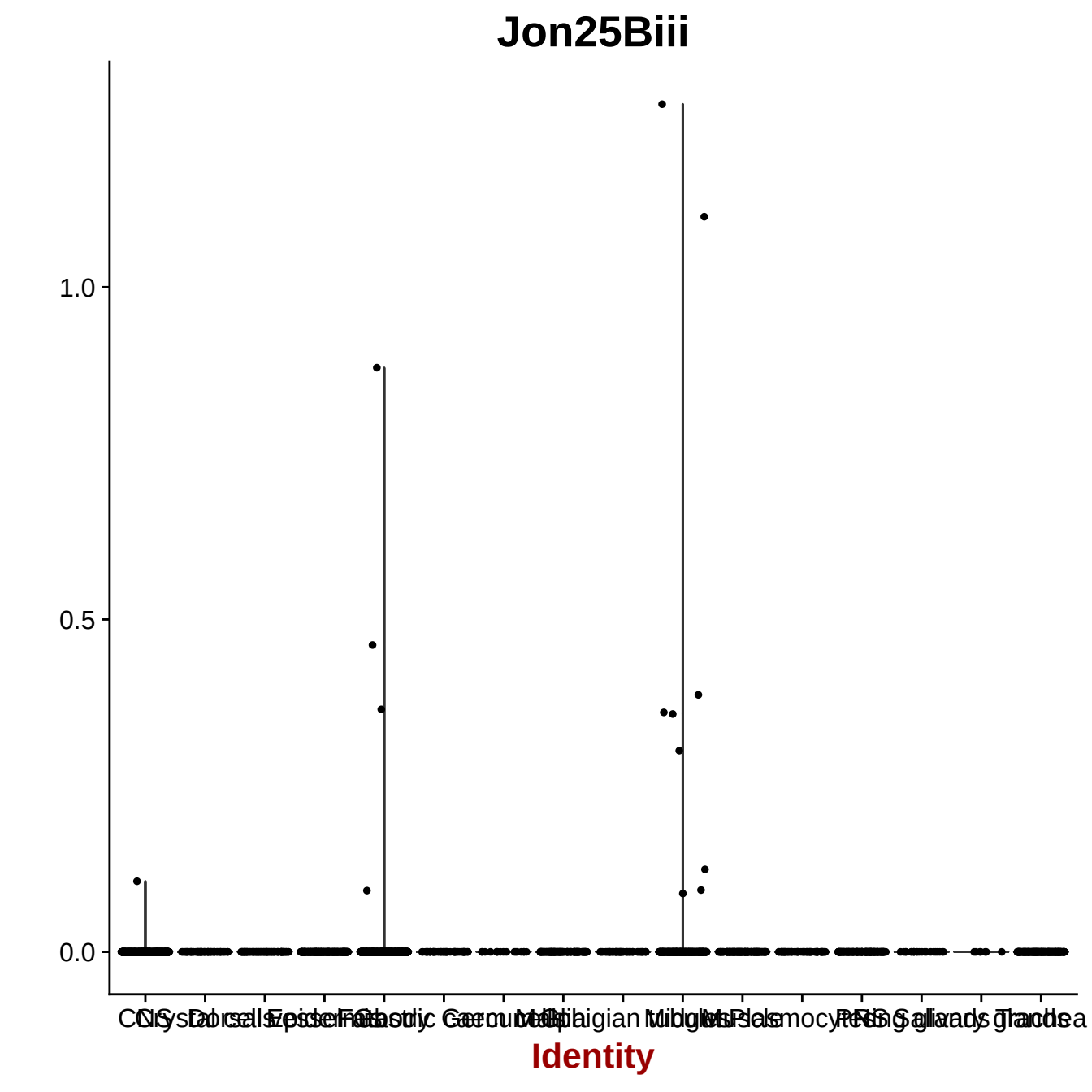
2
1
0
CNS
Dorsal Epidermis
Vessel
Elastic
Gut
Malpighian
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity


Jon25Biii
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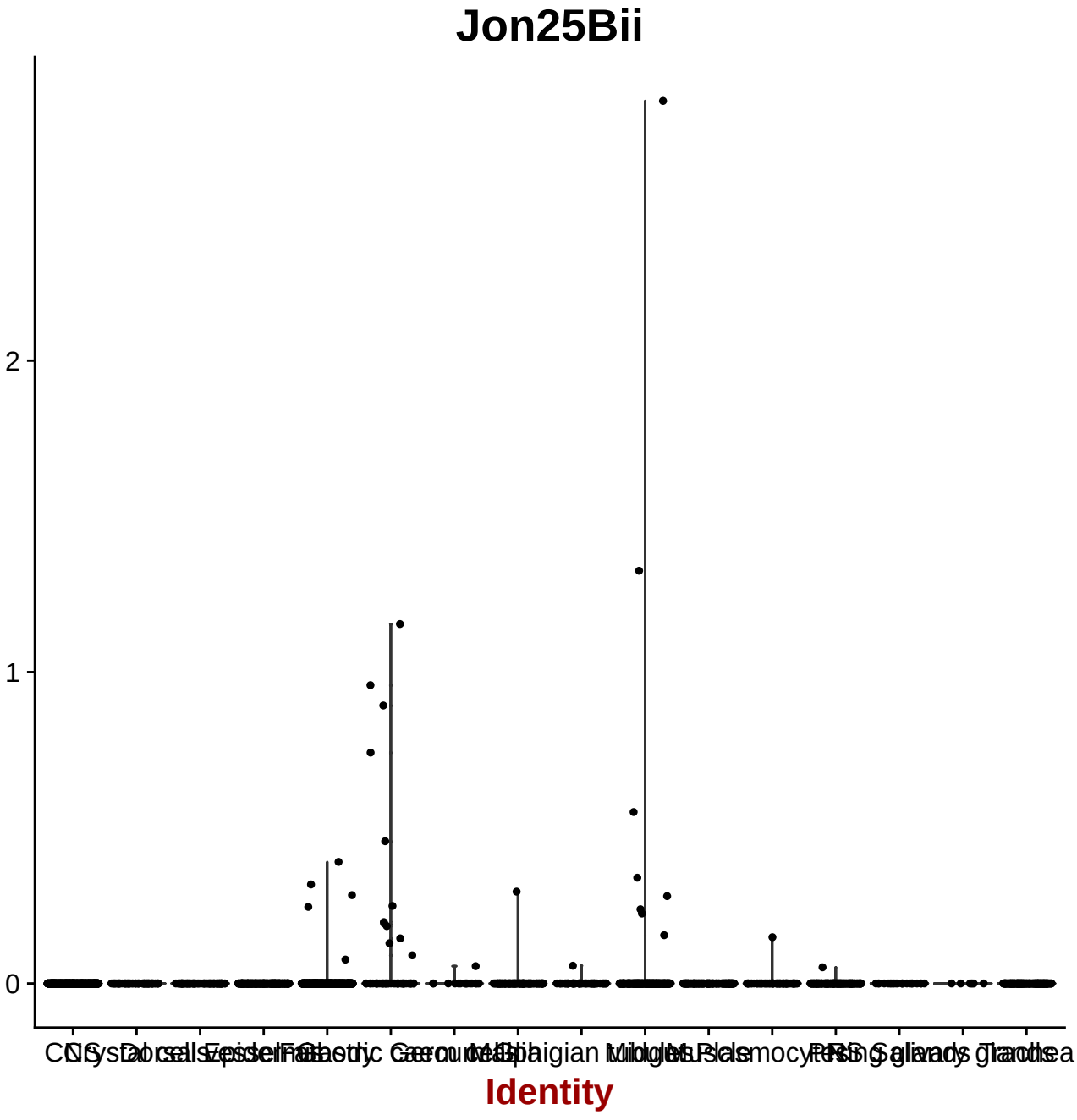
Identity


Jon25Bii
2
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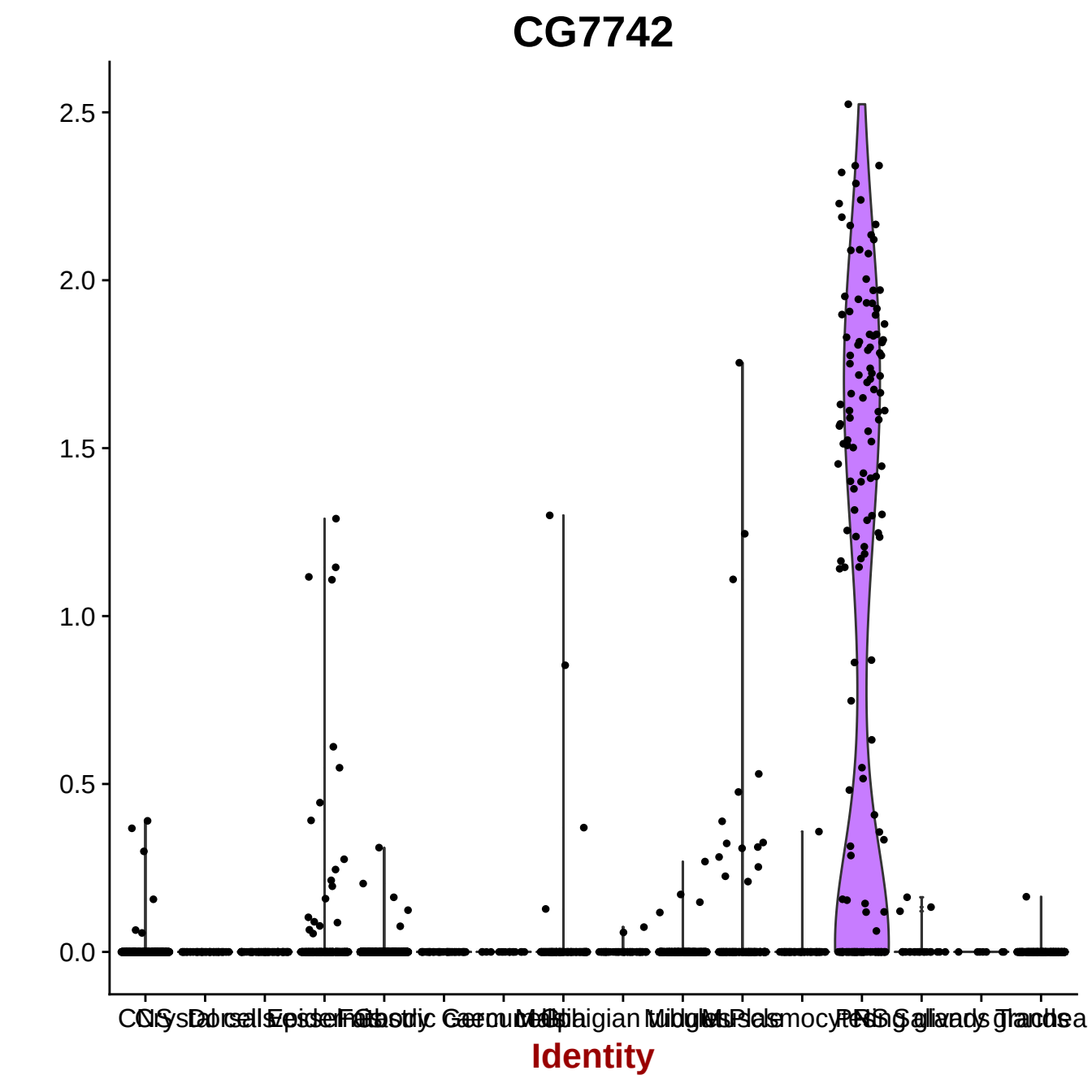
0
CNS
Dorsal root ganglion
Epidermis
Elastic cartilage
Carotid artery
Mitochondria
Pancreas
Vitreous humor
Hepatocytes
PNS
Salivary gland
Trachea
Identity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0.5
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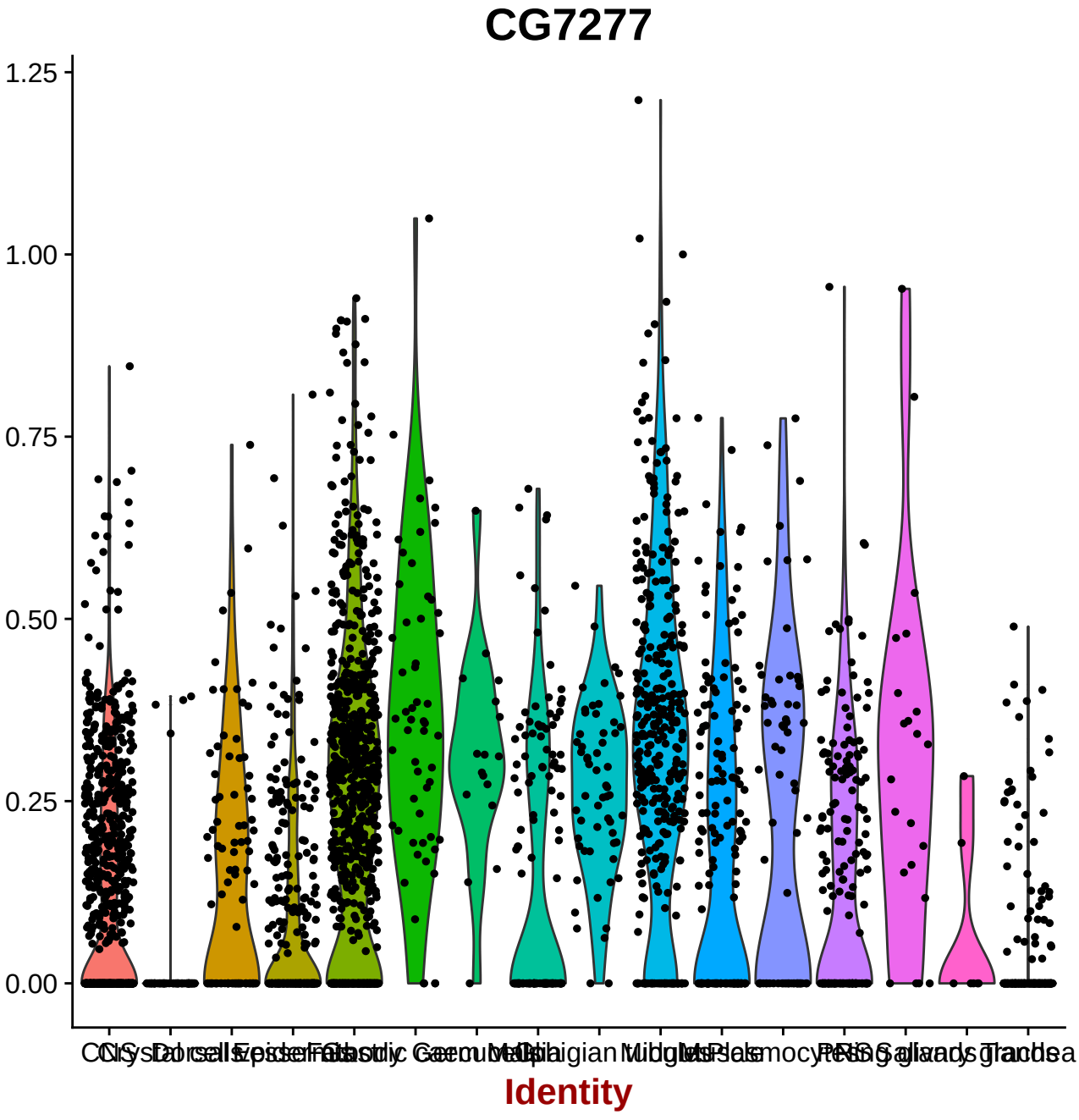
Identity


CG7277
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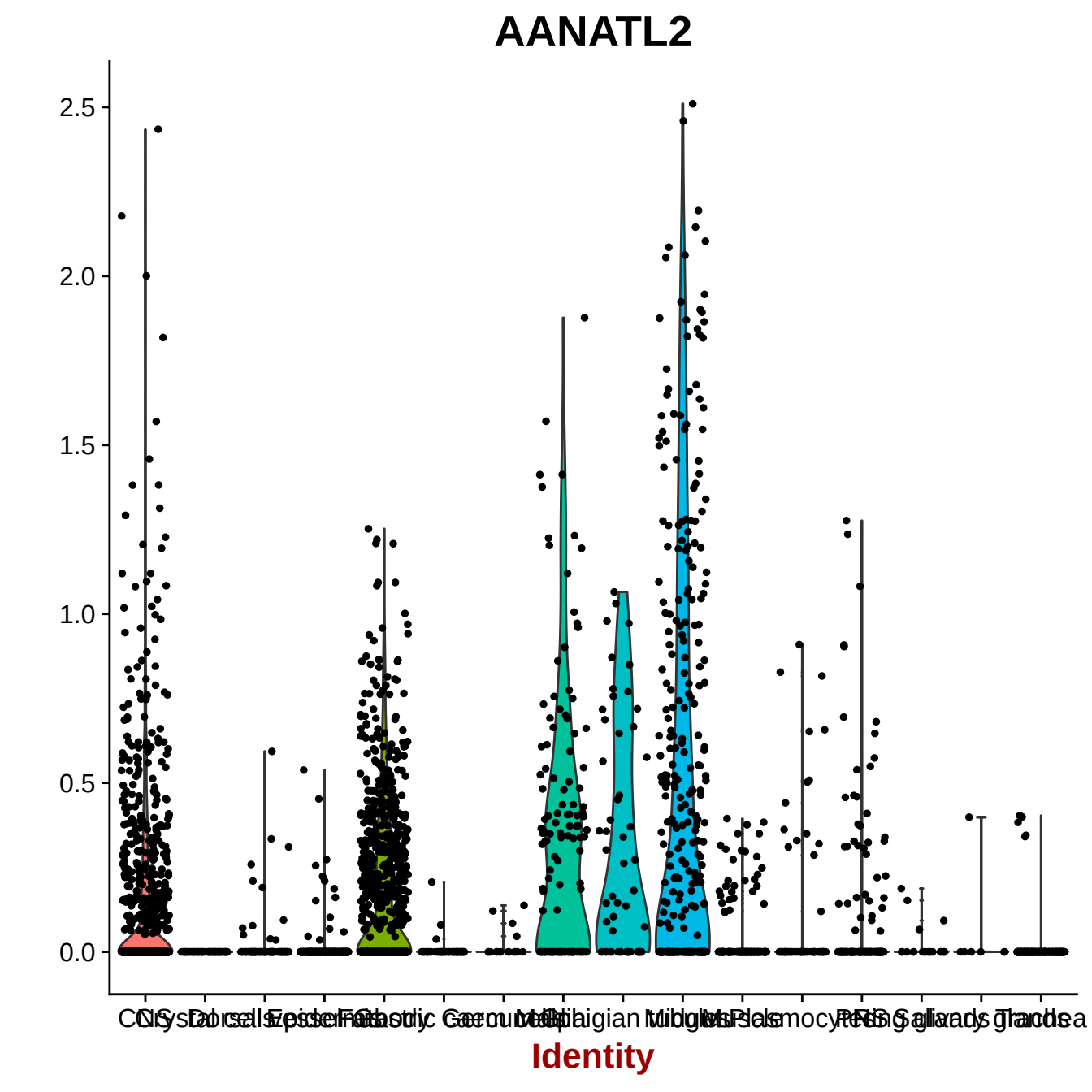
0.25
0.00
CNS
Crystal cells
Dorsal epidermis
Eye
Fat body
Gut
Malpighian tubules
Muscle
Oenocytes
PER
Salivary glands
Trachea
Identity


AANATL2
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1.5
1.0
0.5
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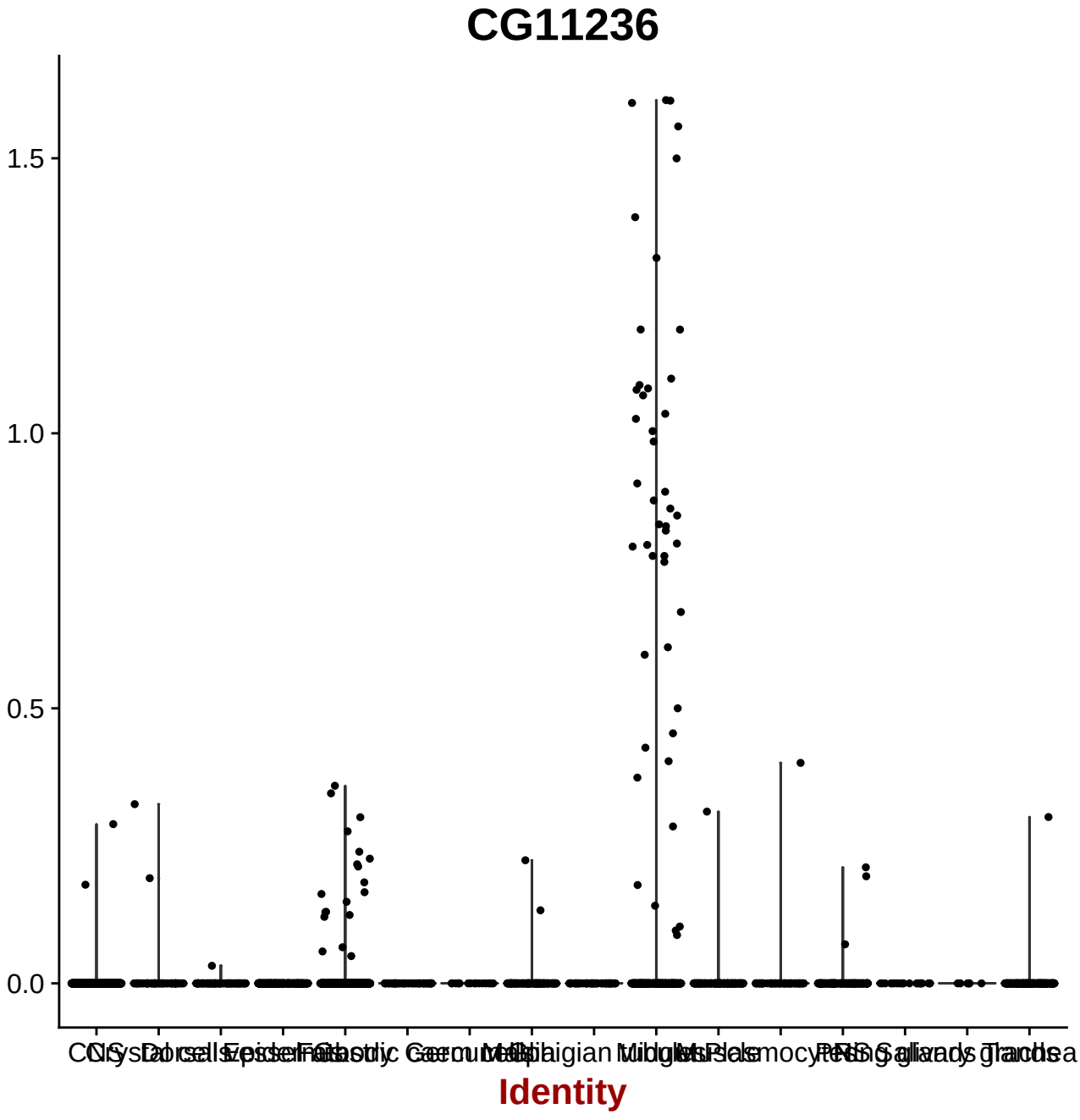
CNS
Dorsal root ganglion
Esophagus
Epithelial
Gastric
Gastrointestinal
Cardiomyocyte
Mammary
Bladder
Pancreatic
Lymphocyte
Myeloid
Muscle
Prostate
PBS
Salivary gland
Trachea
Identity


CG11236
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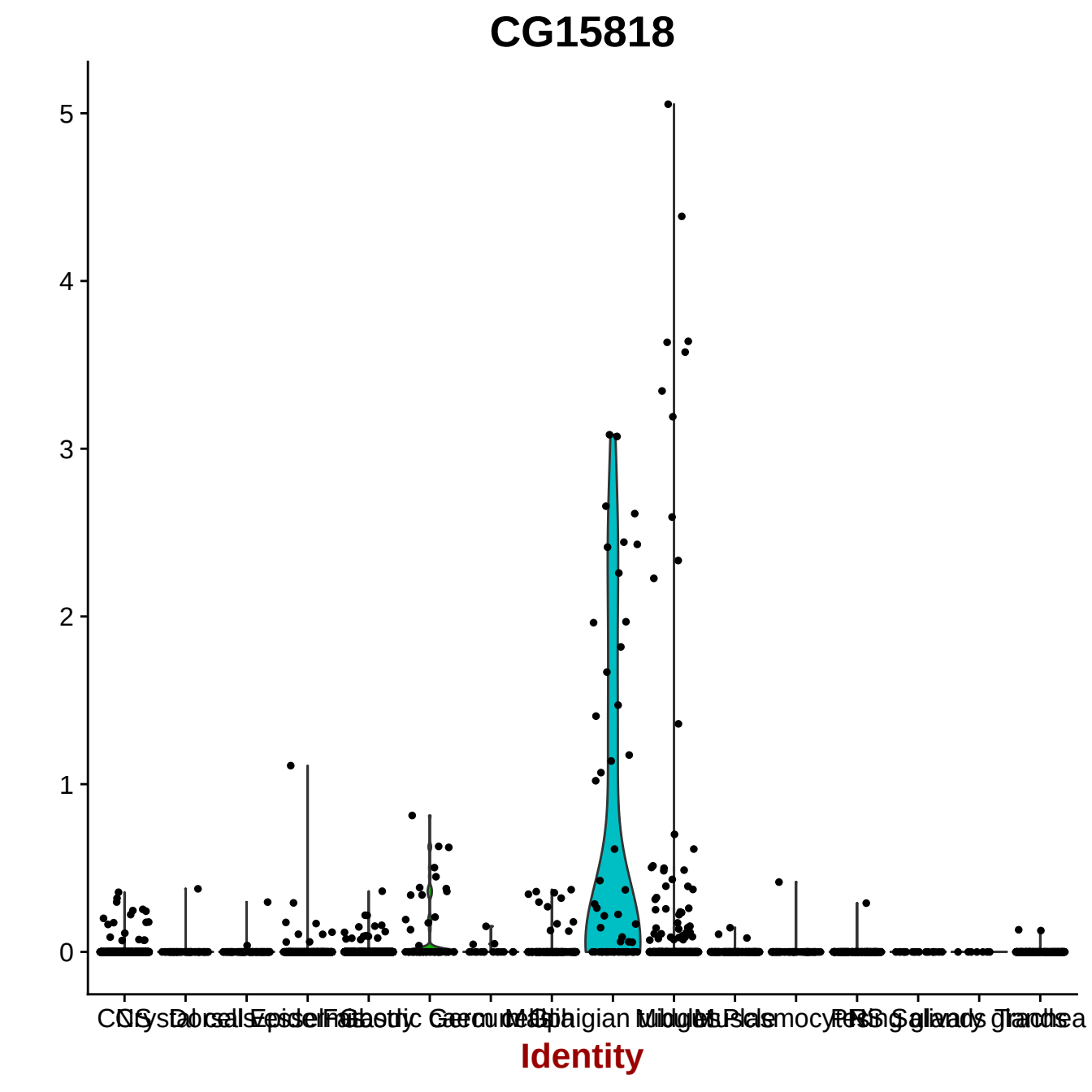
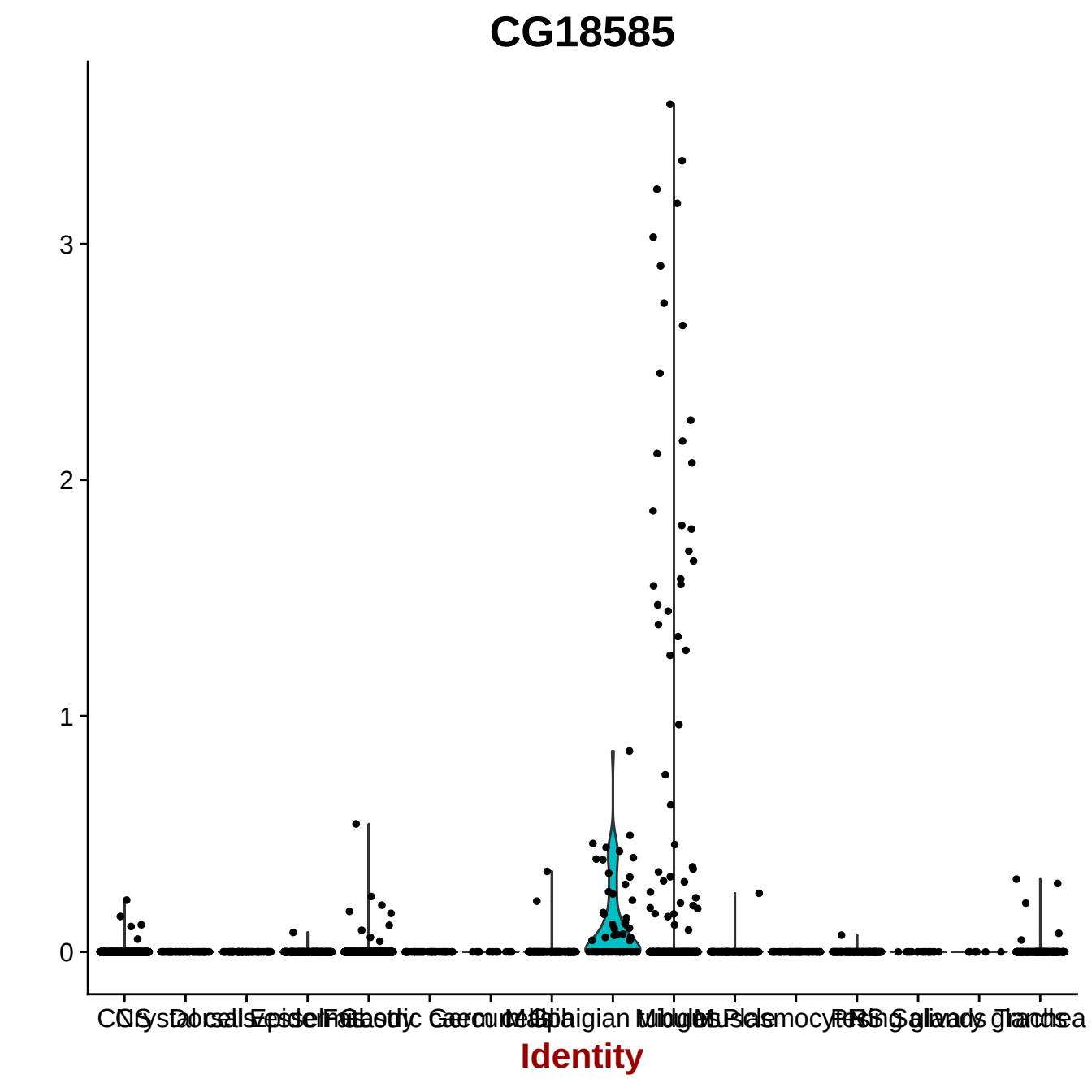
1.0
0.5
0.0
Identity


CG15818
5
4
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG18585
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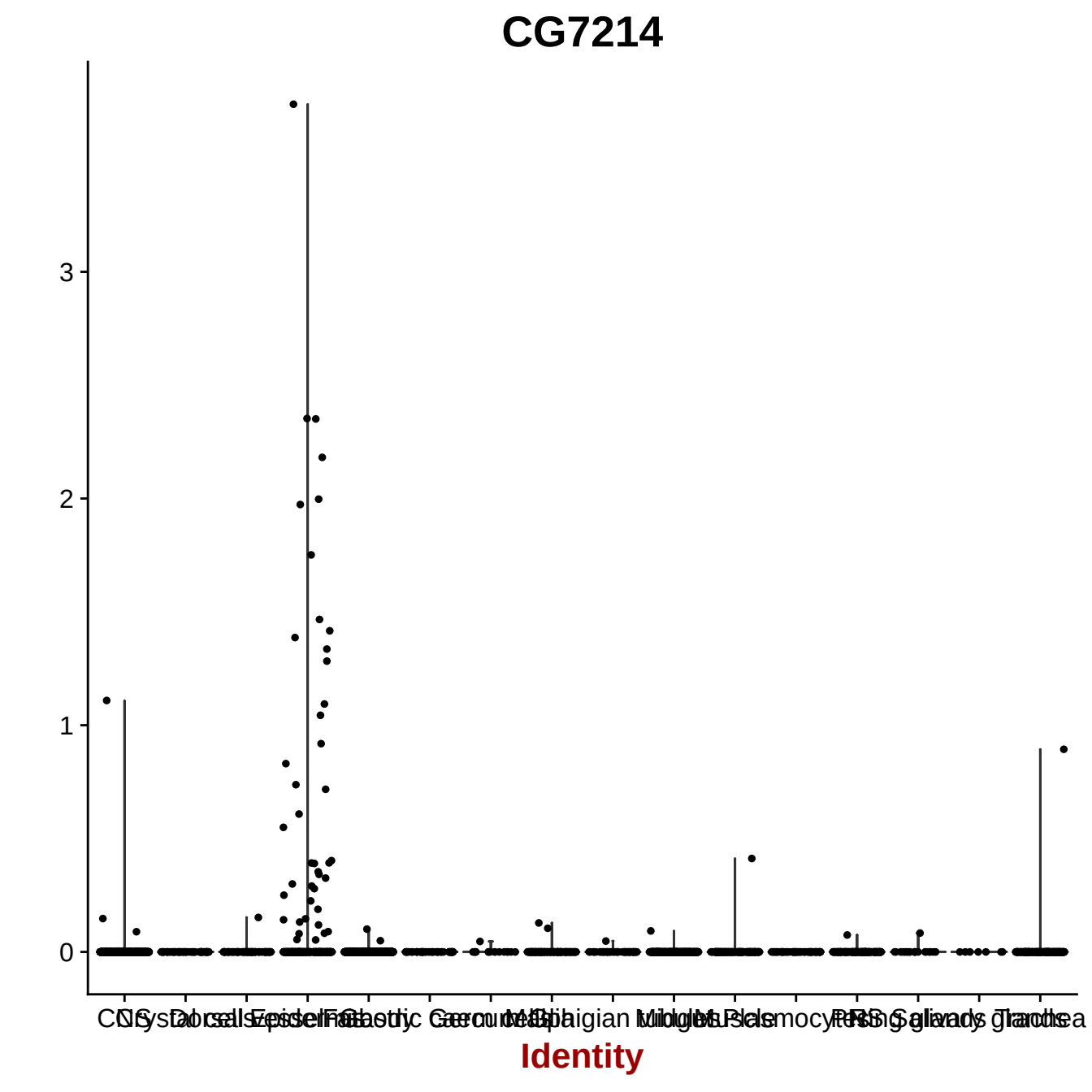
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG7214
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1
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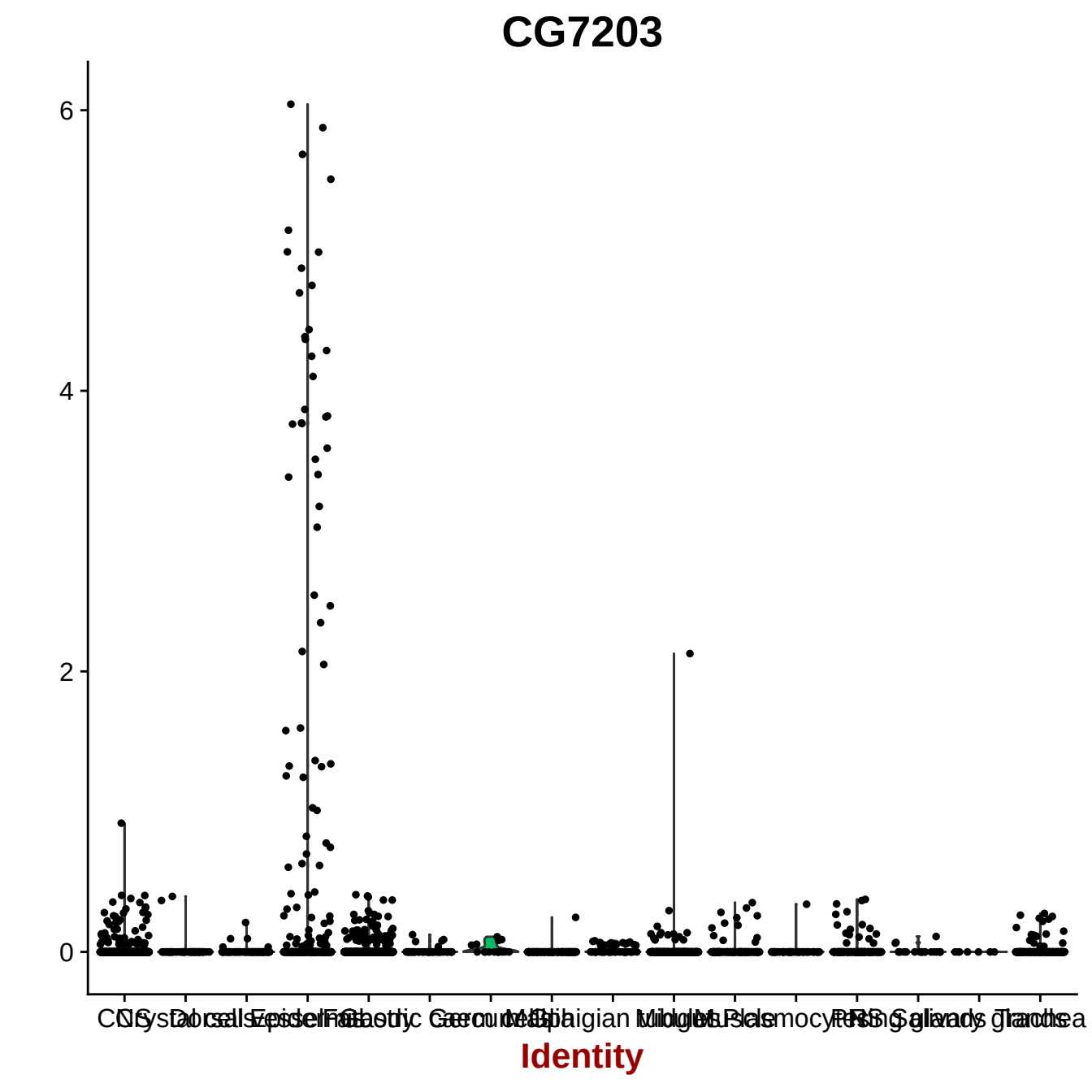
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG7203
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4
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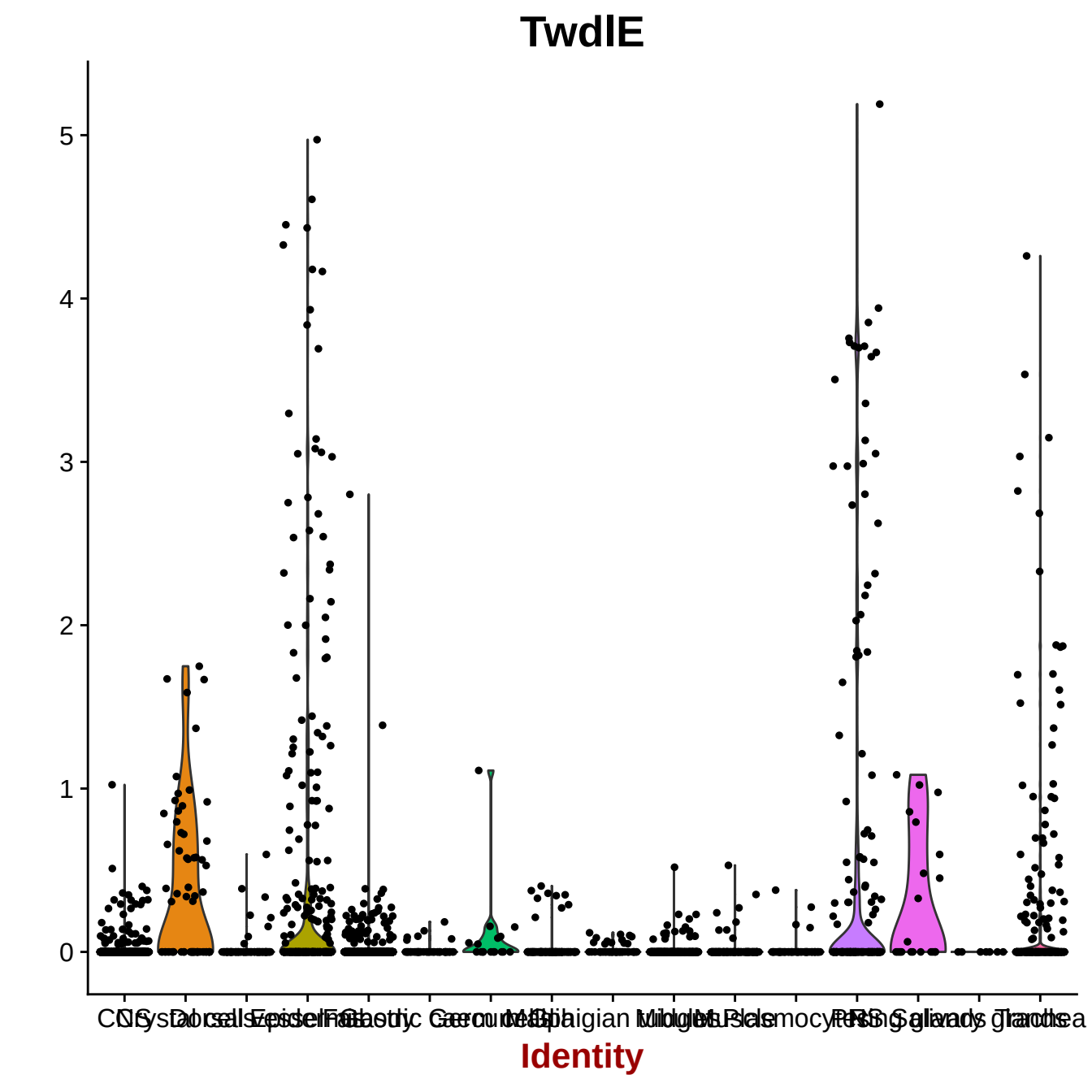
CNS
Dorsal Epidermis
Malpighian tubules
Hindgut
Salivary gland
Trachea
Identity


TwdlE
5
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3
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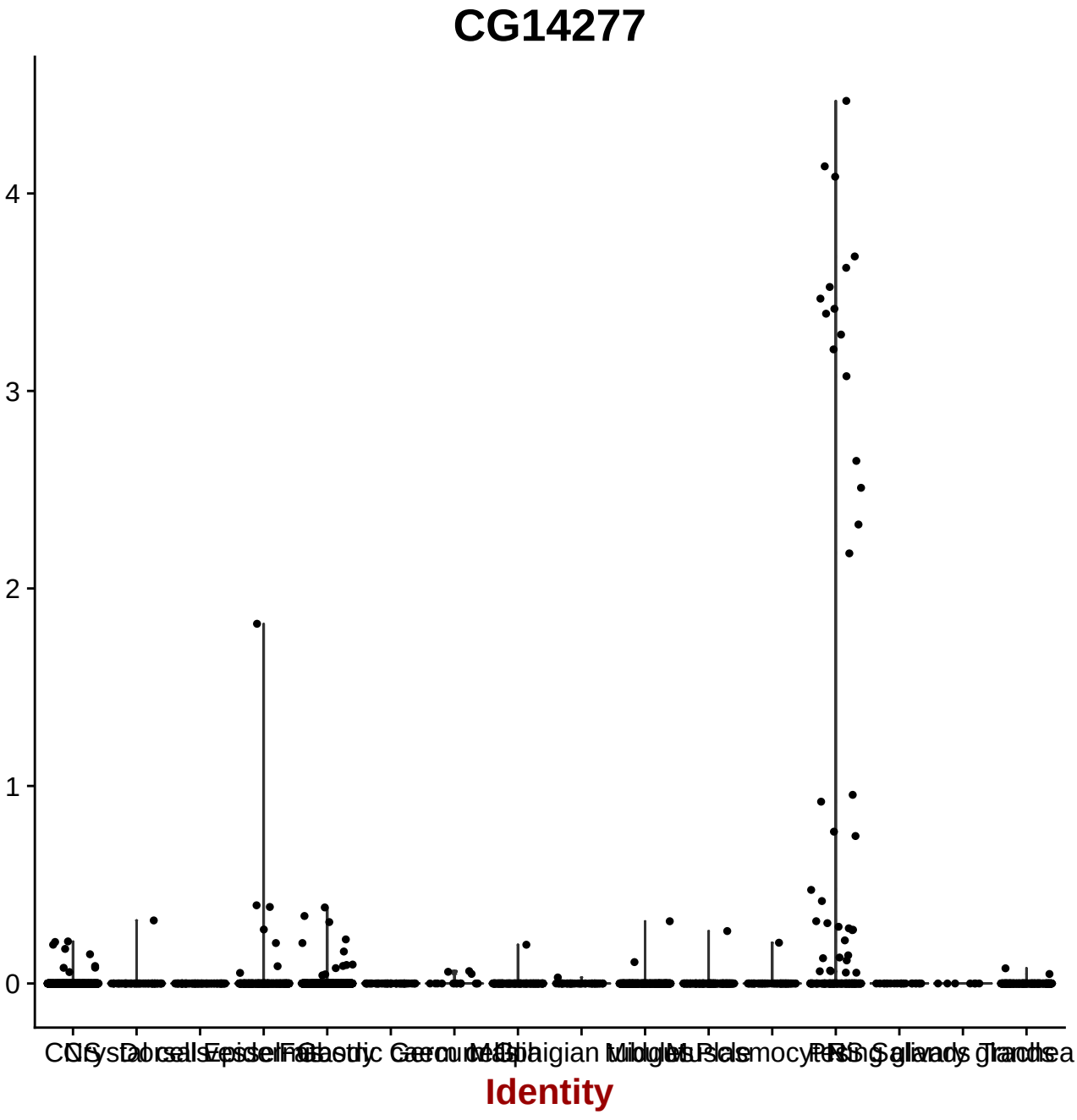
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG14277
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2
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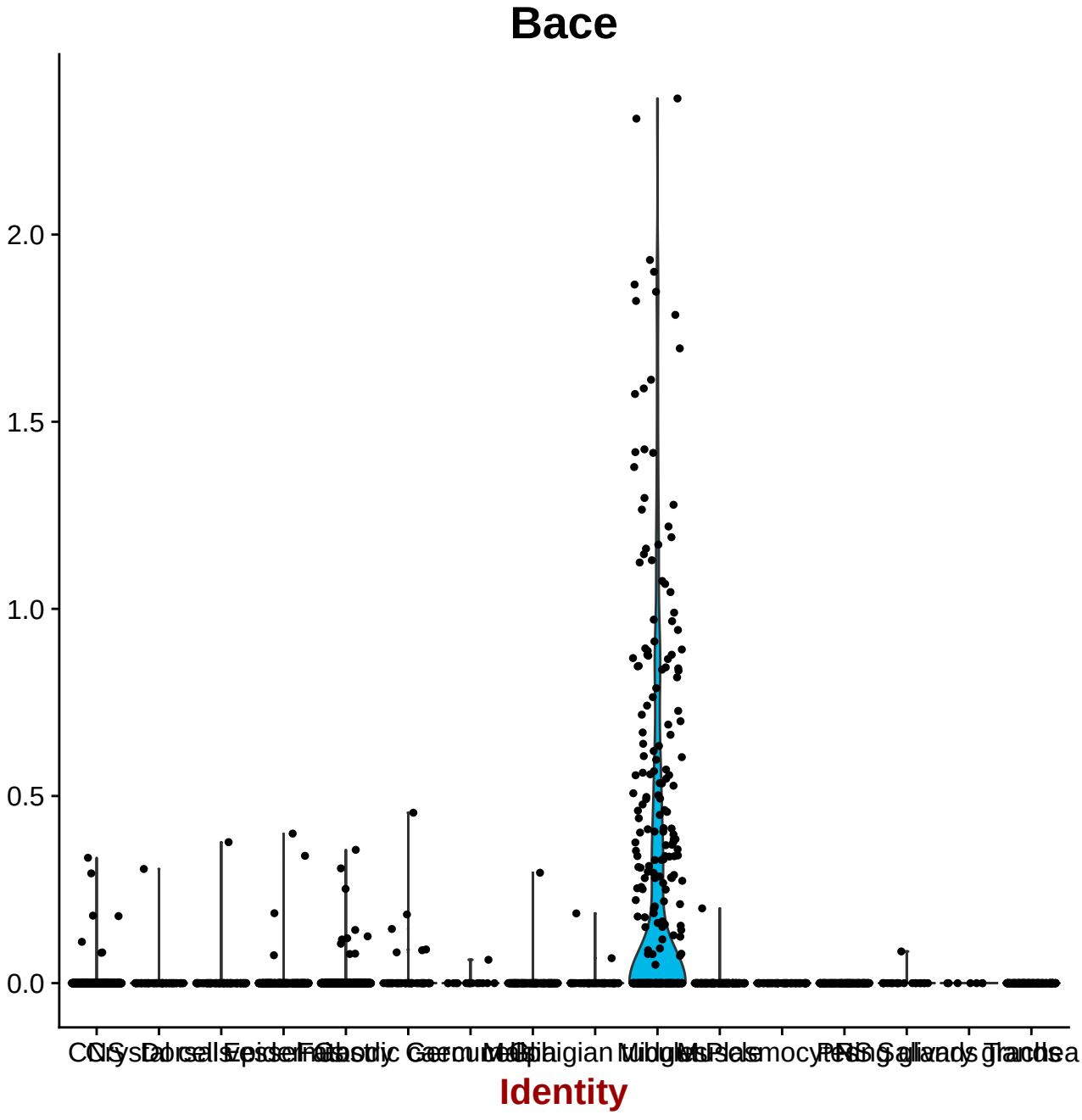
CNS
Dorsal epidermis
Epidermis
Elastic
Caro MB
Malpighian tubules
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity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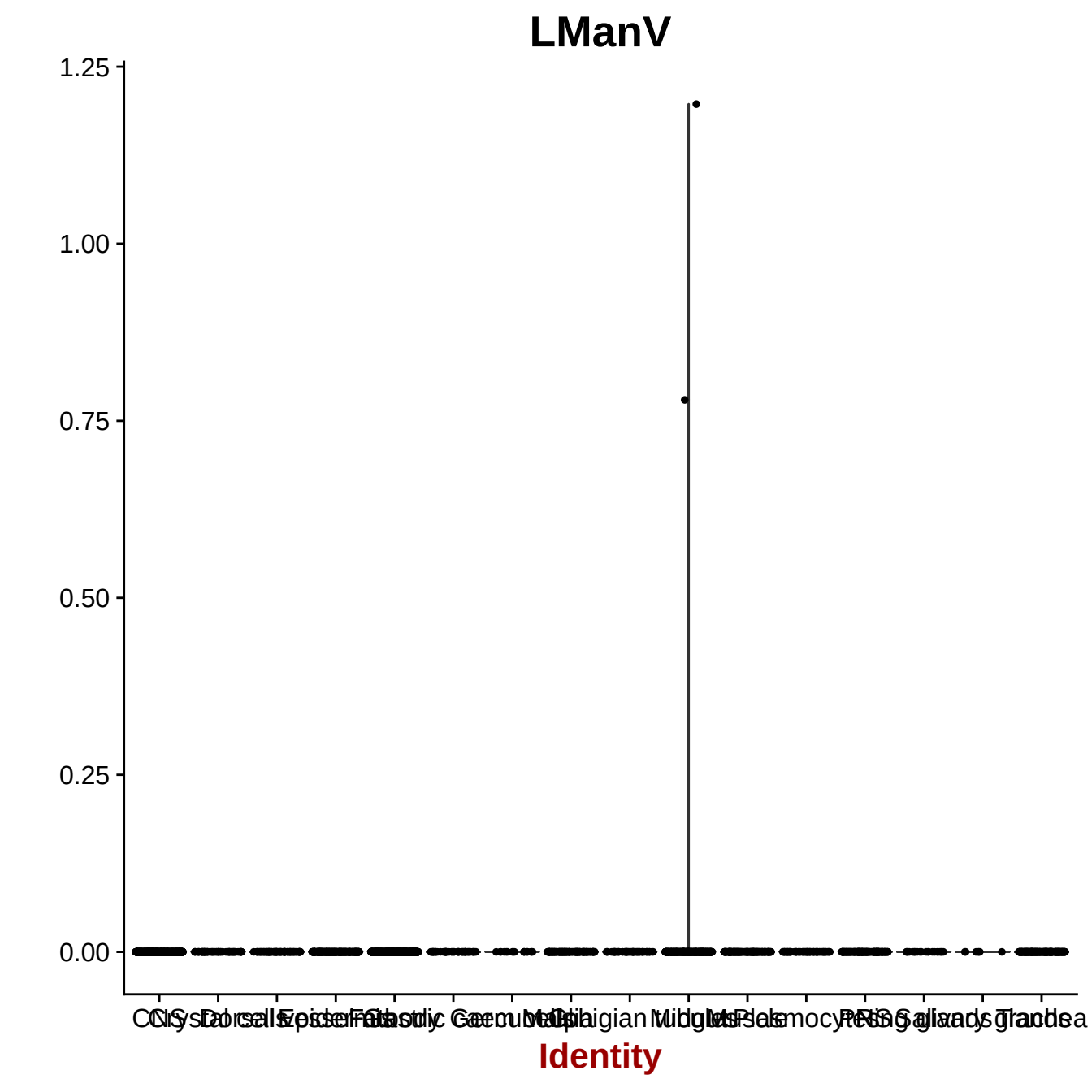
Identity


LManV
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0.75
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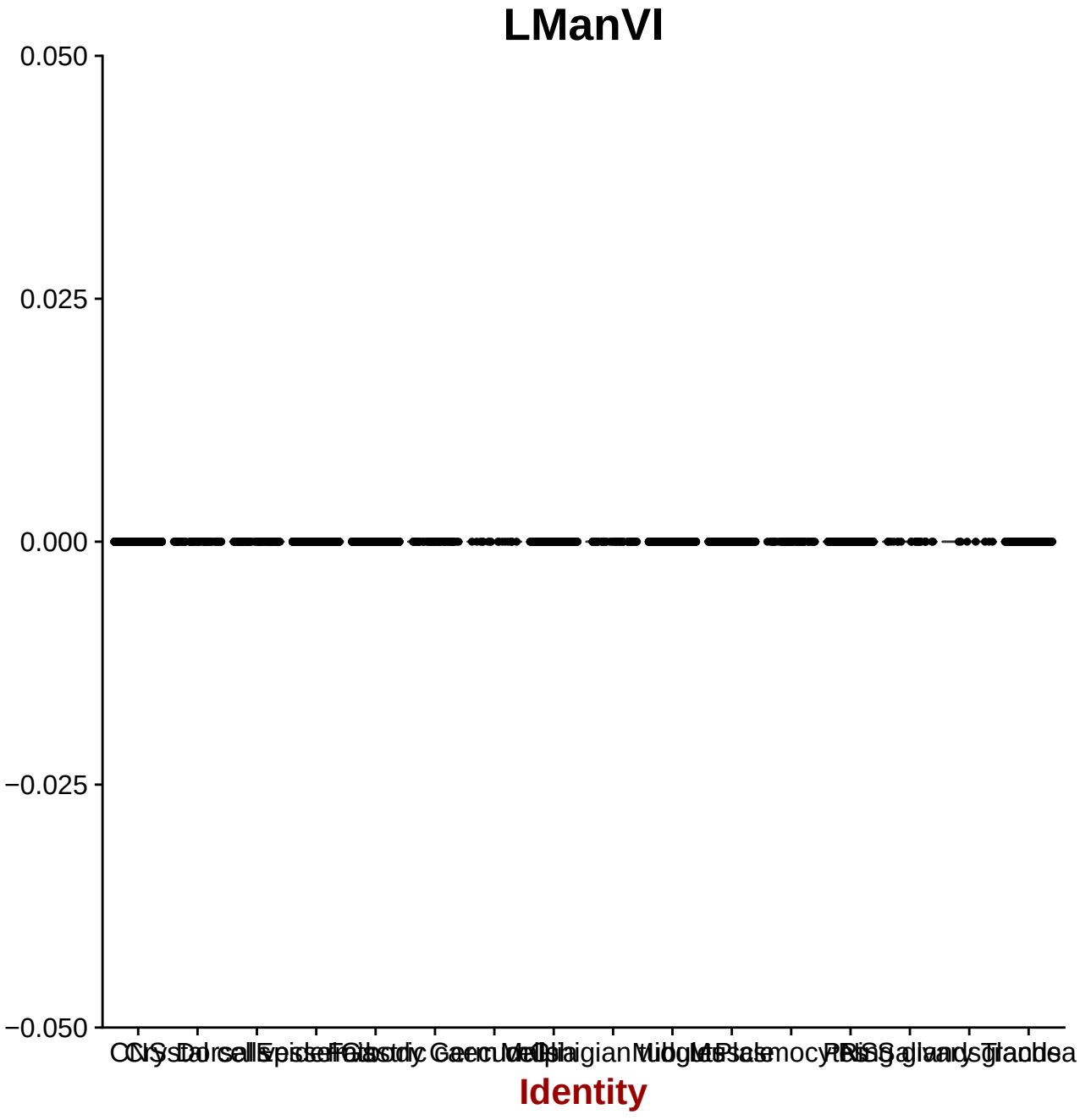
0.00
Identity


LManVI
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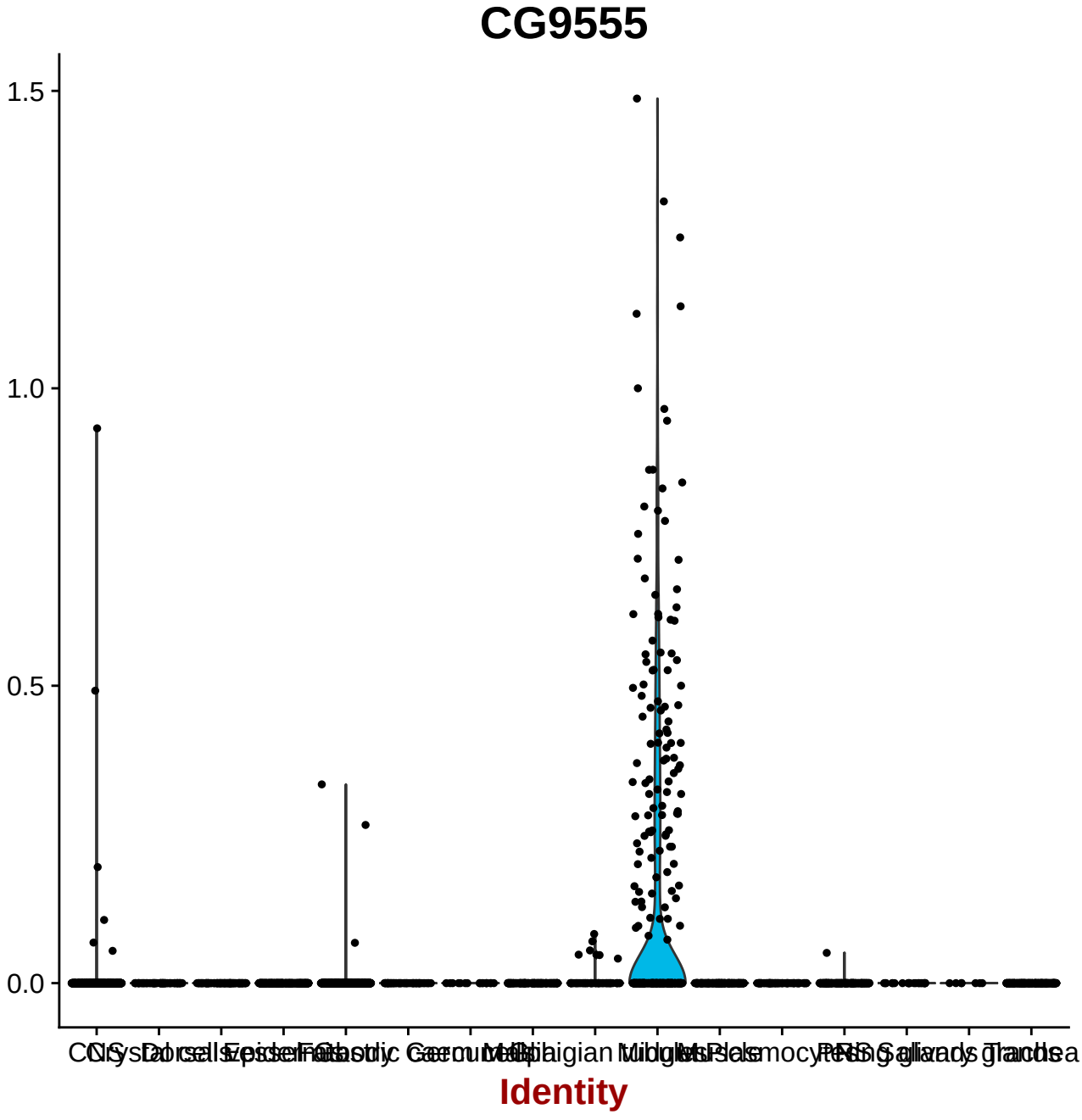
Identity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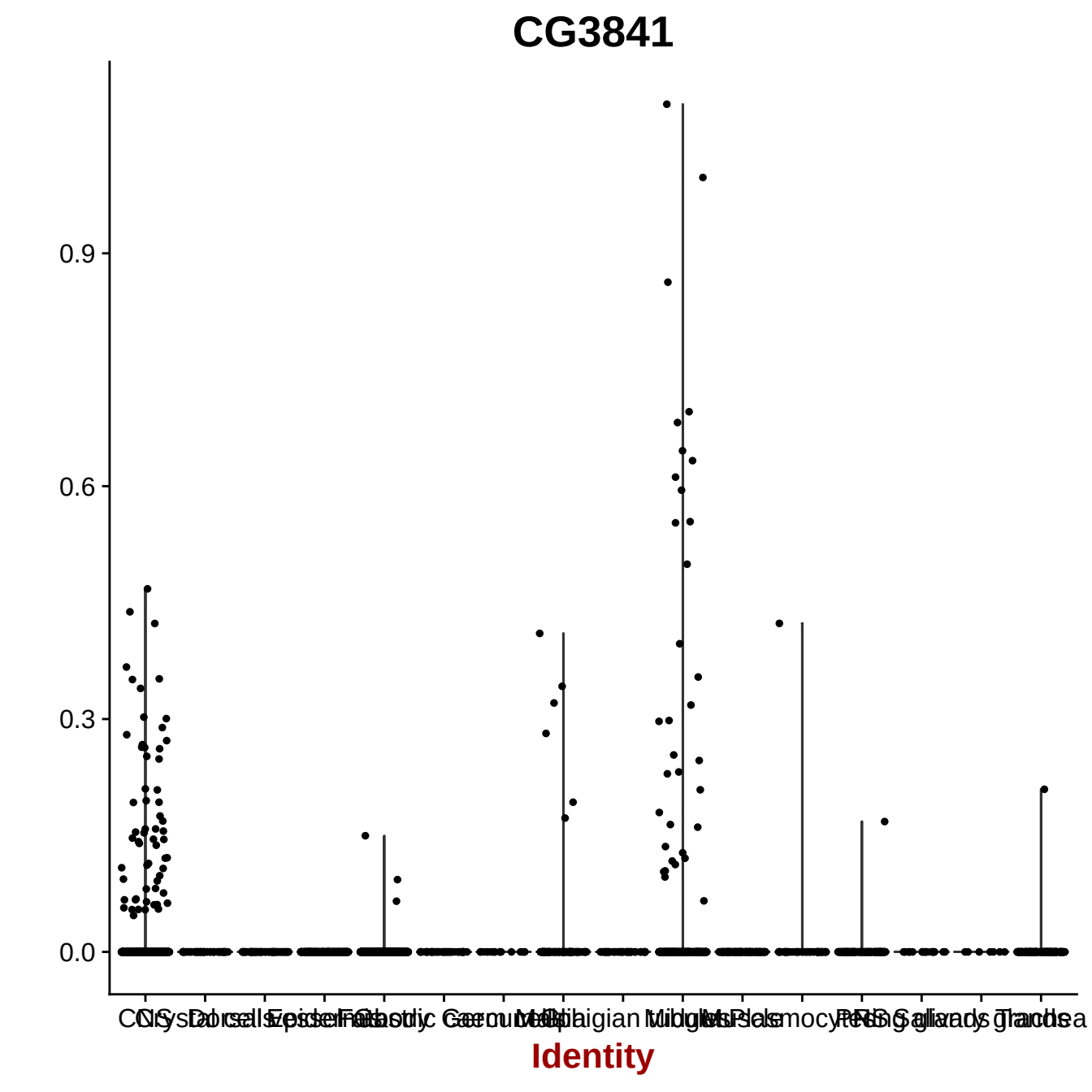
Identity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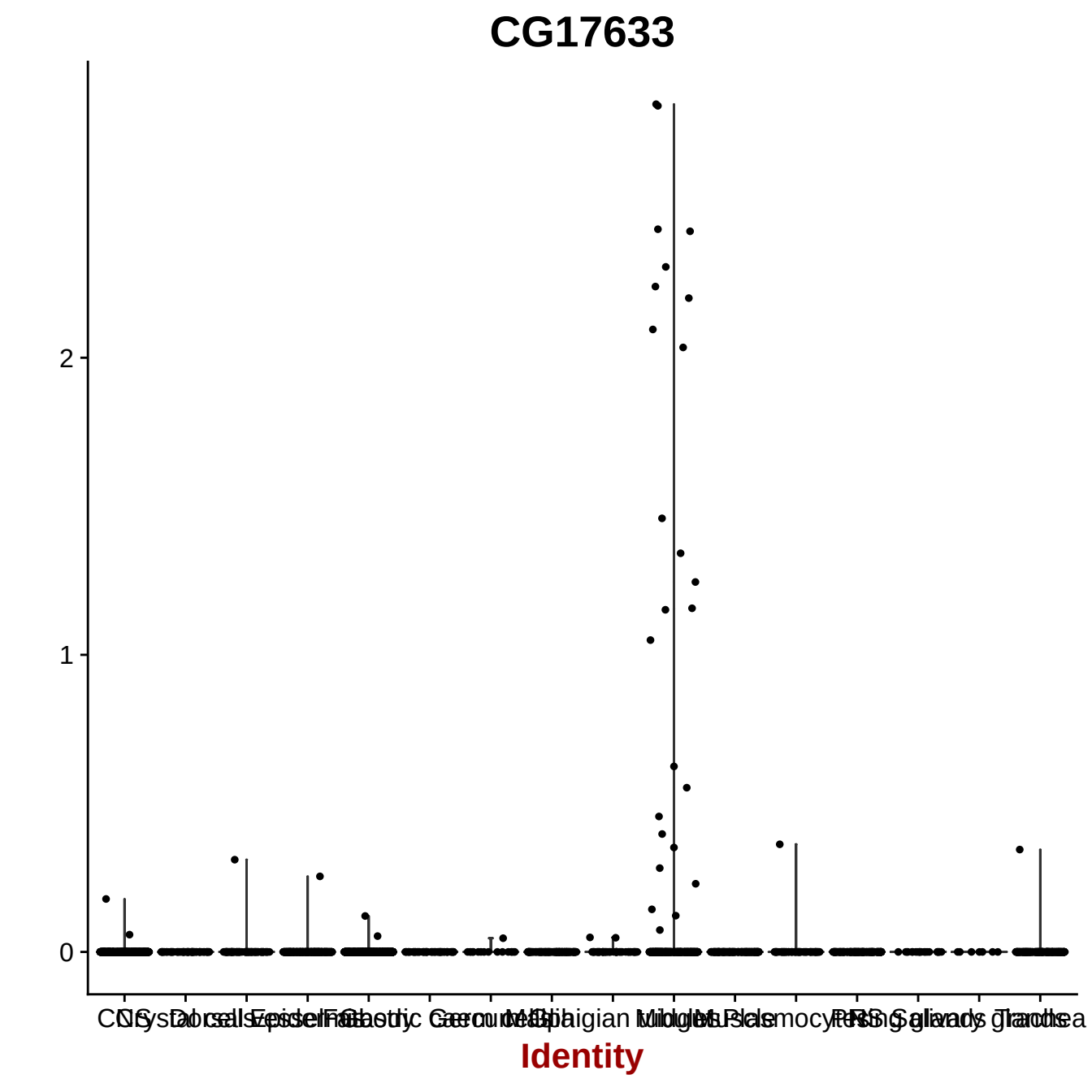
Identity


CG17633
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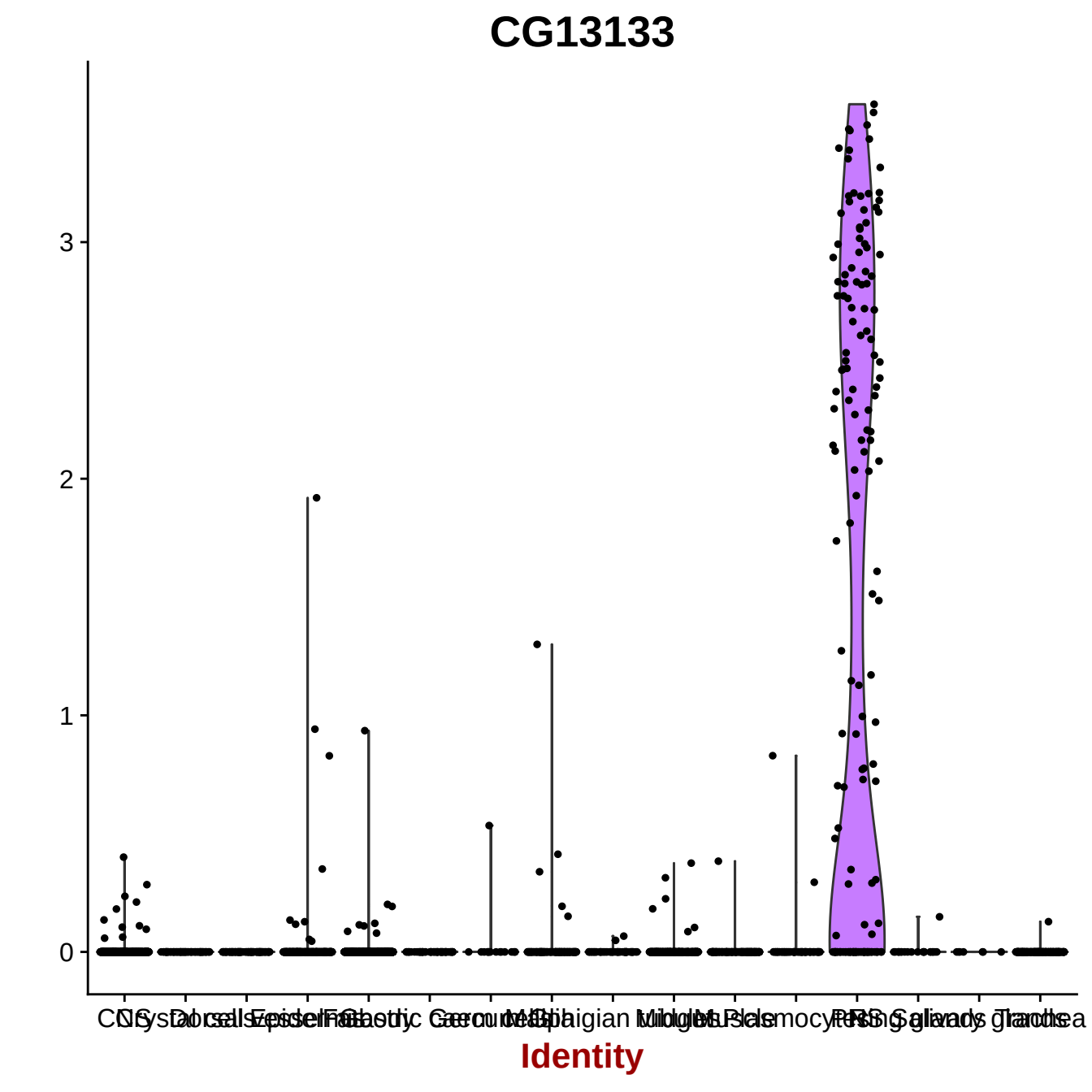
CNS
Dorsal Epidermis
Vessel
Elastic
Gut
Malpighian
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG13133
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2
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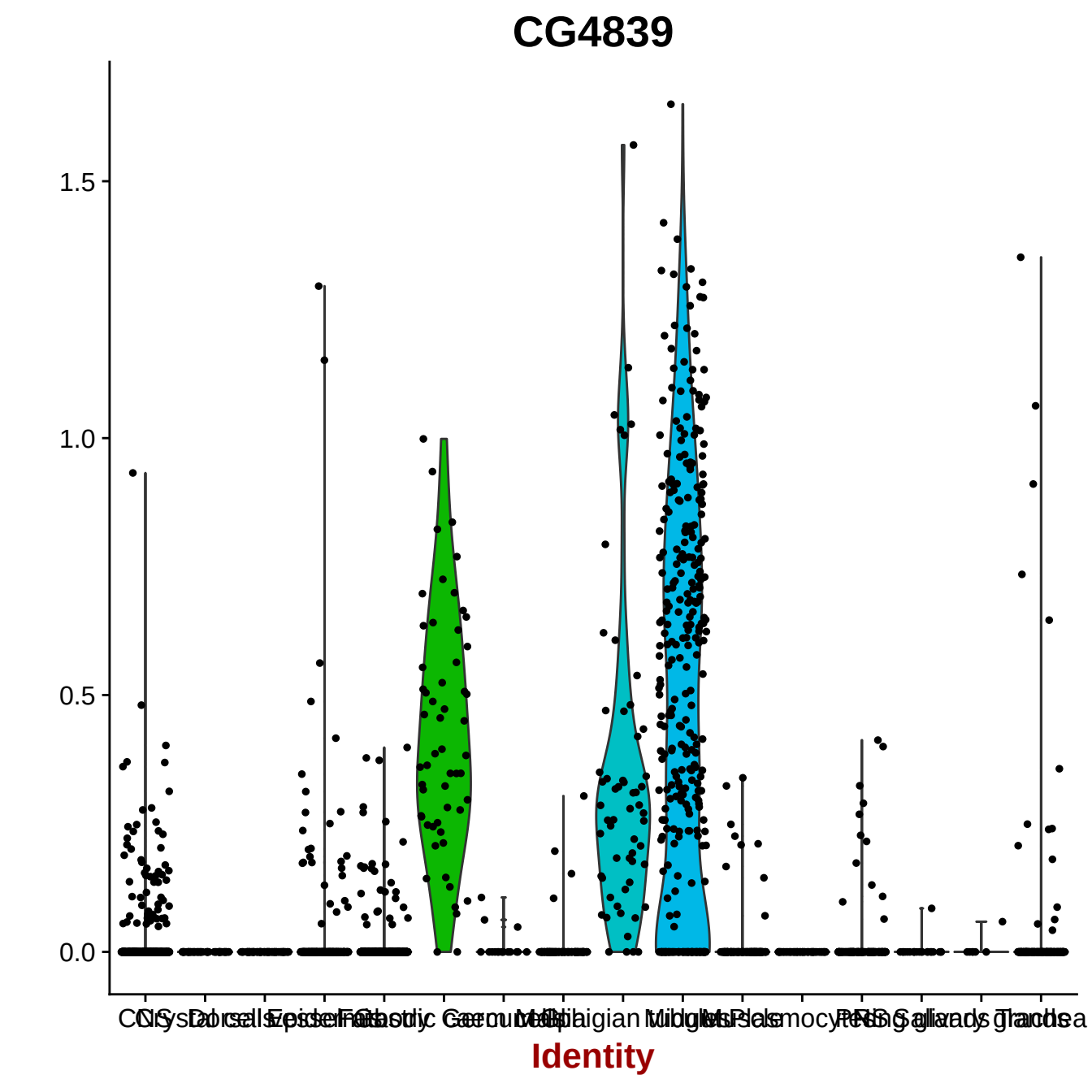
CNS
Dorsal Epidermis
Vessel
Elastic
Gut
Malpighian
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity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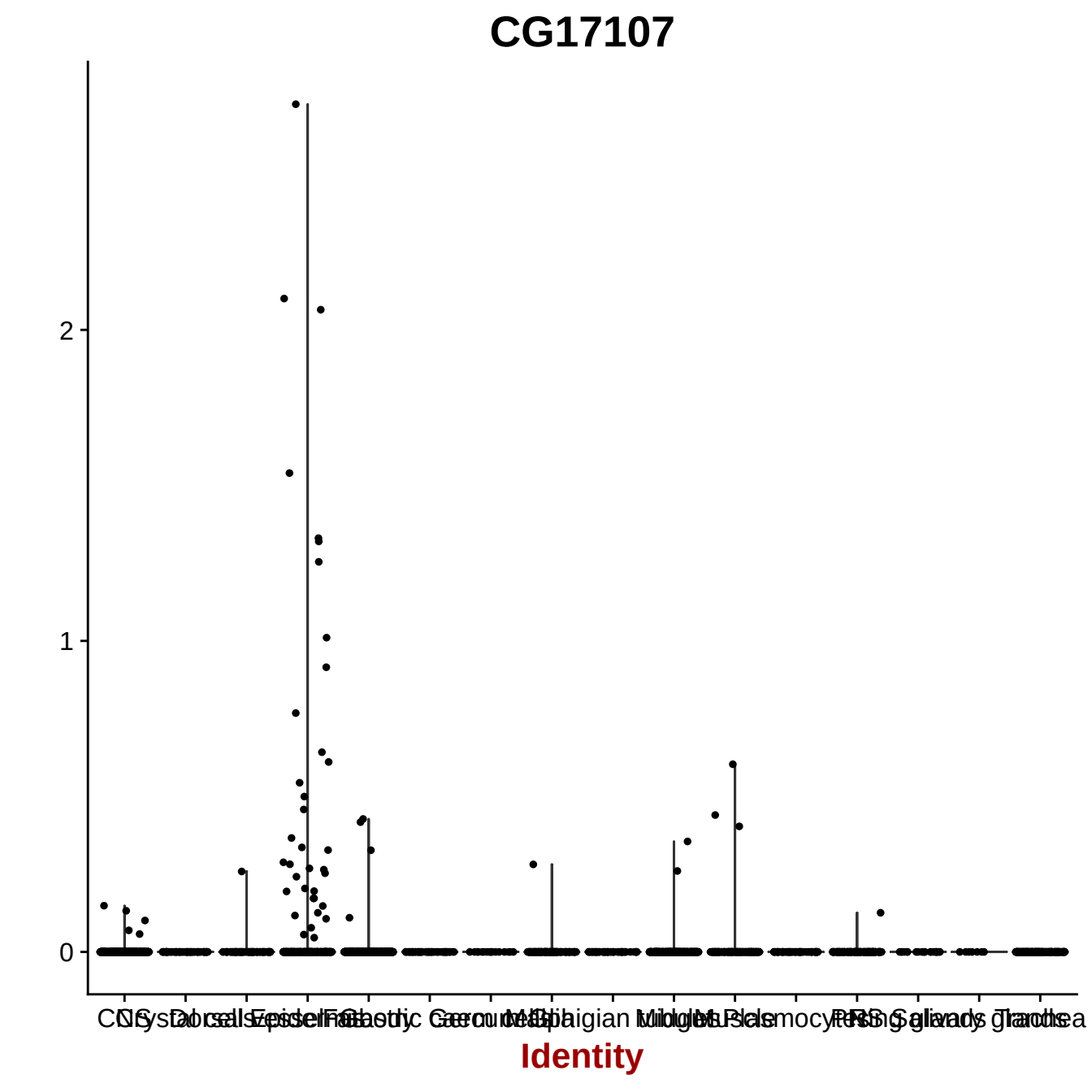
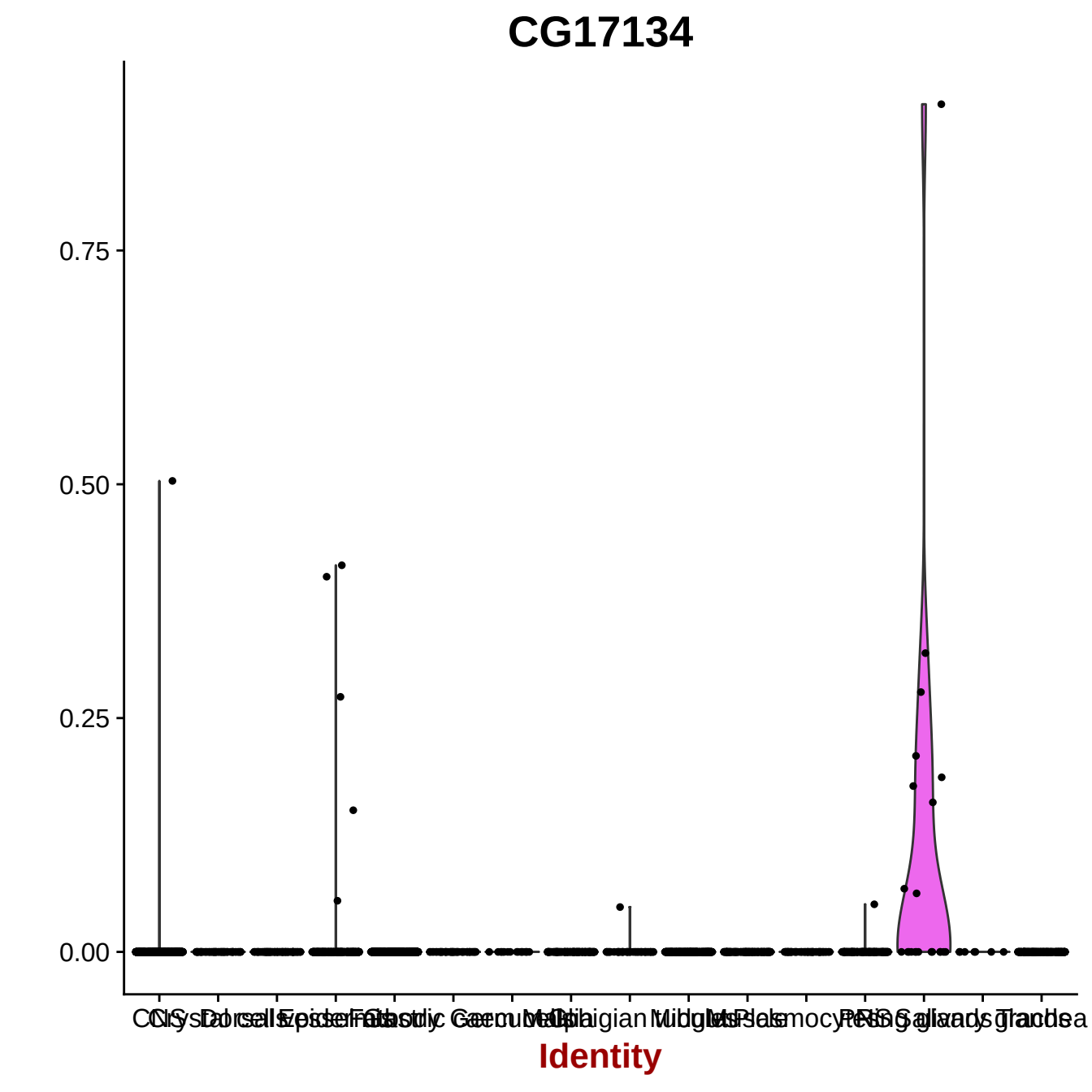
Identity


CG17107
2
1
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity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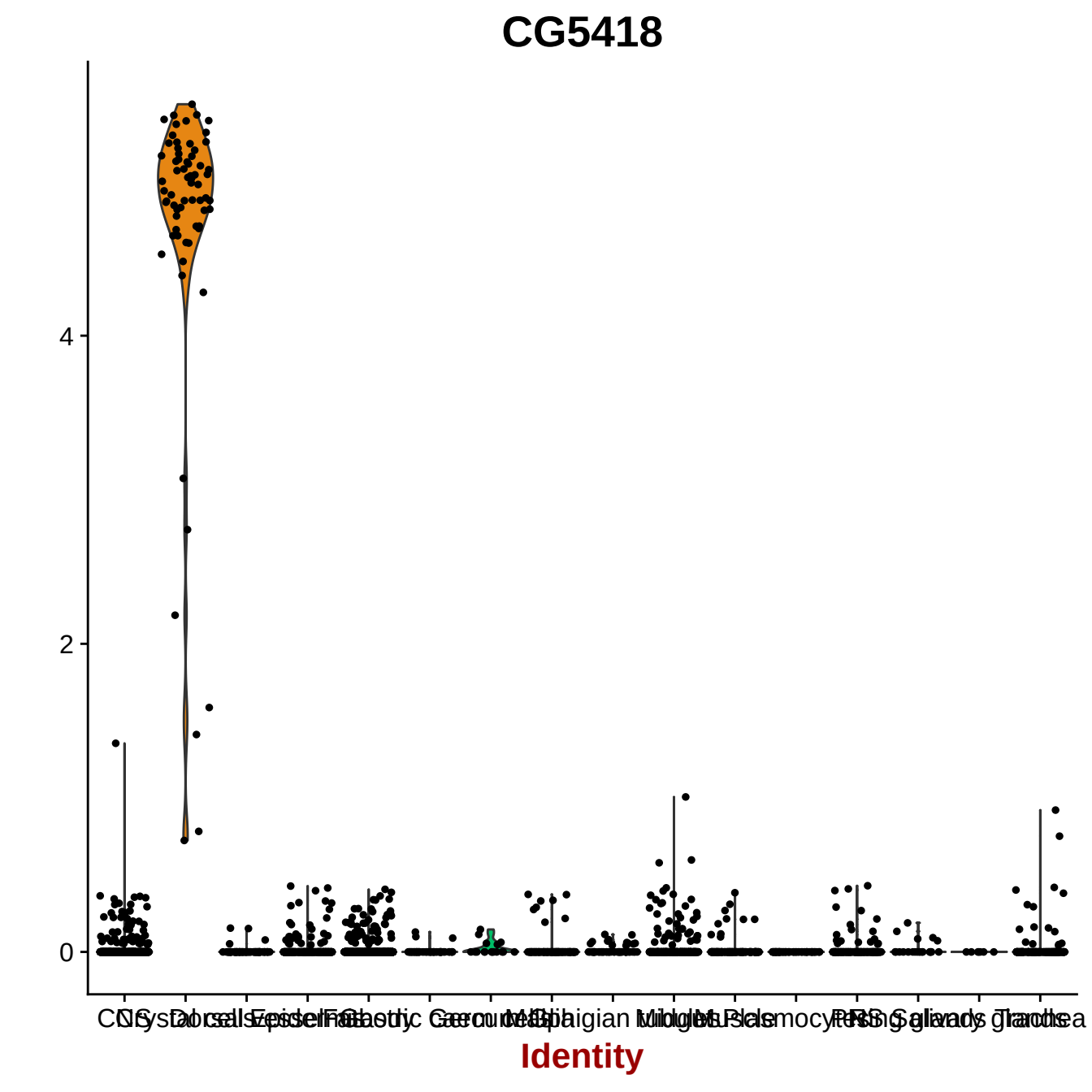
CG5418
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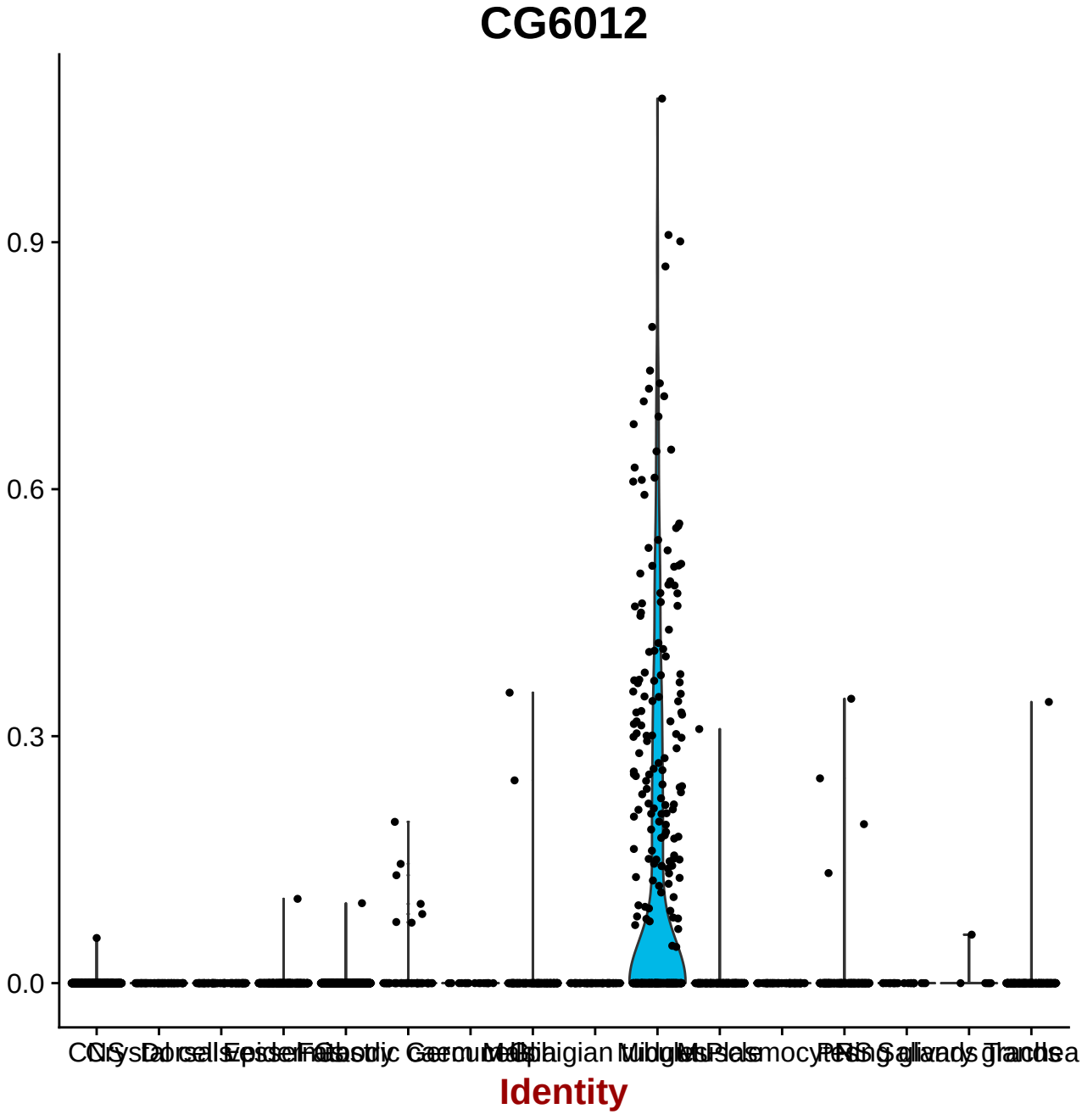
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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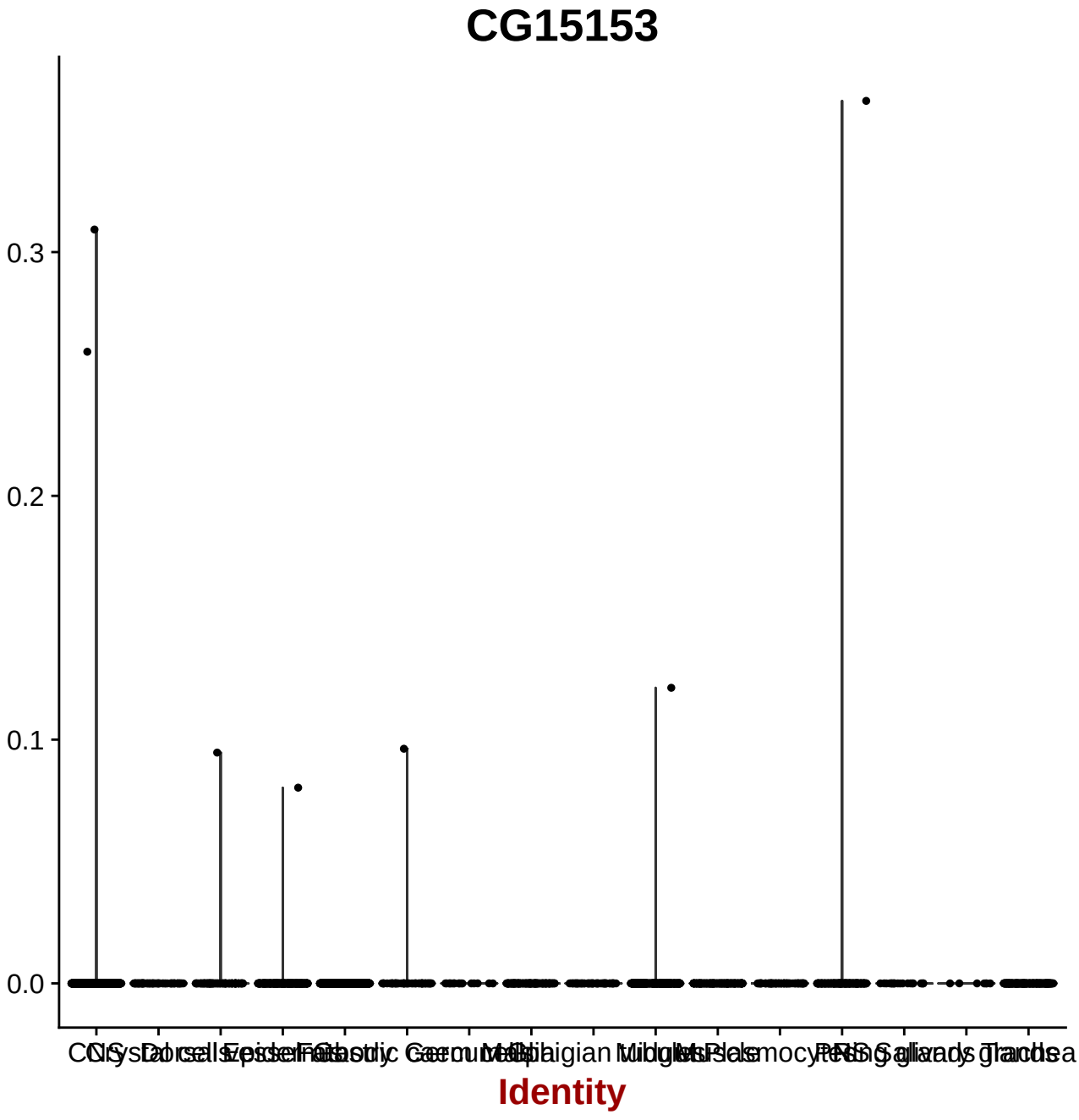
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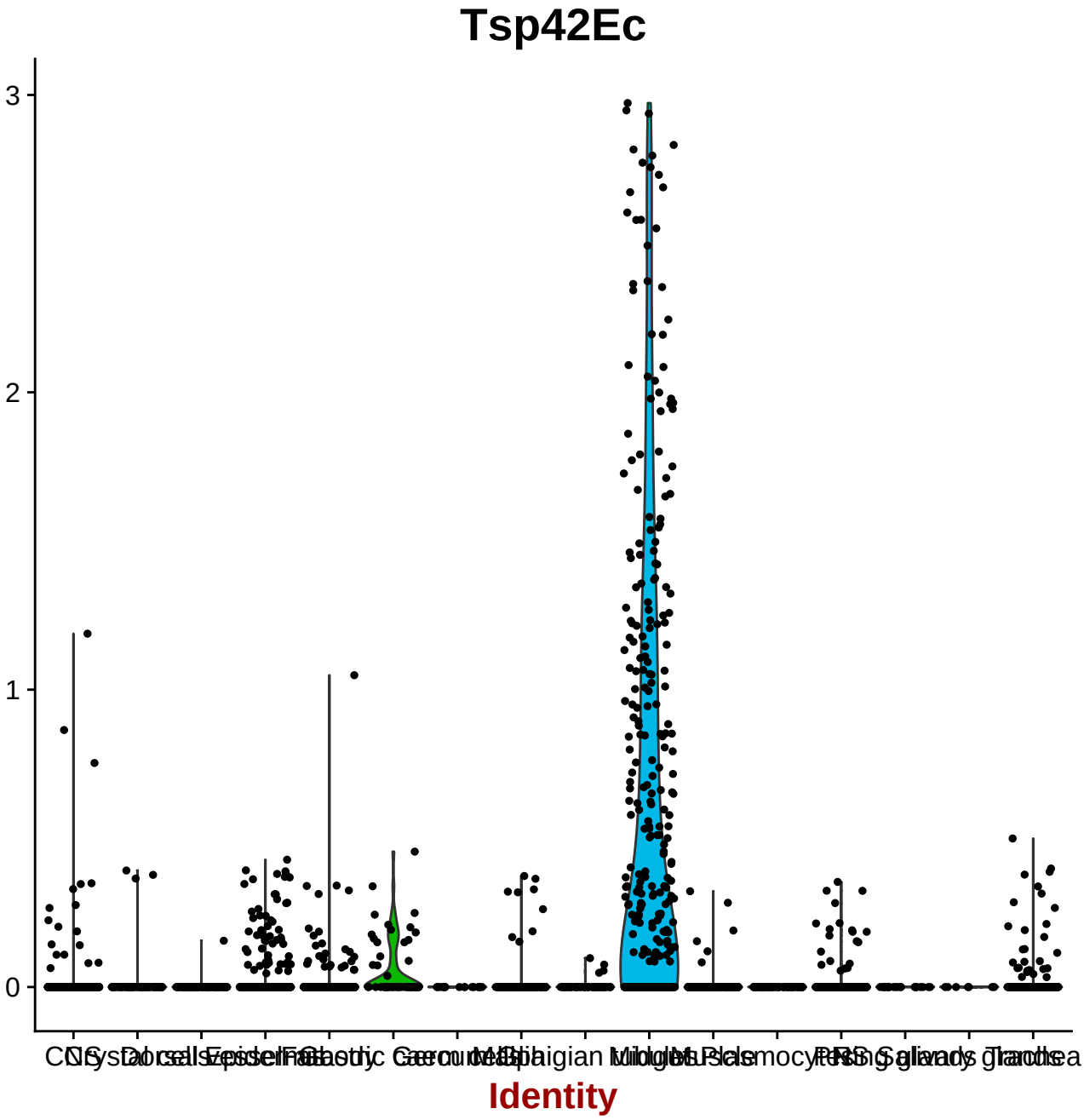
Identity


Tsp42Ec
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2
1
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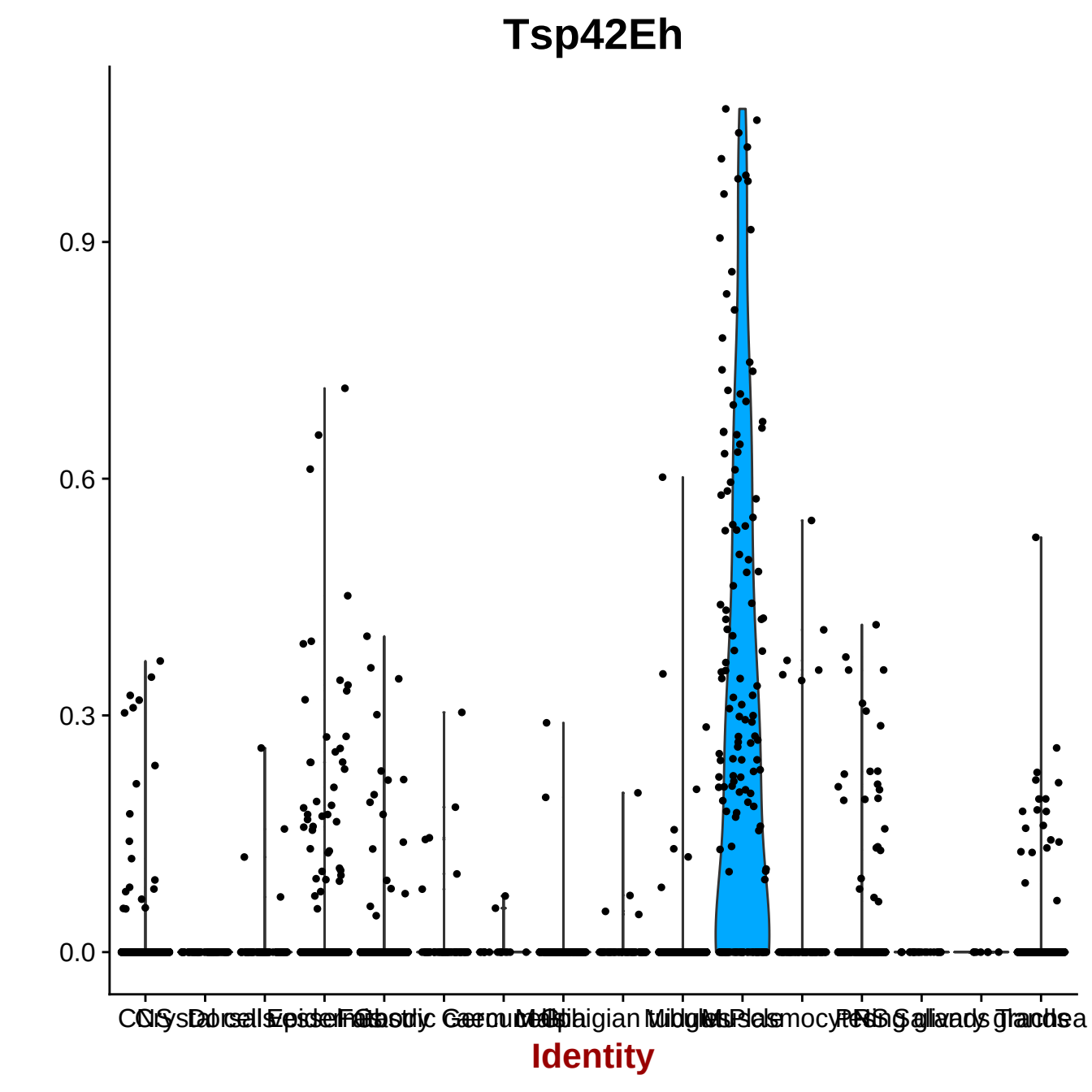
CNS
Dorsal Epidermis
Ventral Epidermis
Elastic
Cuticle
Germ cells
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity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0.3
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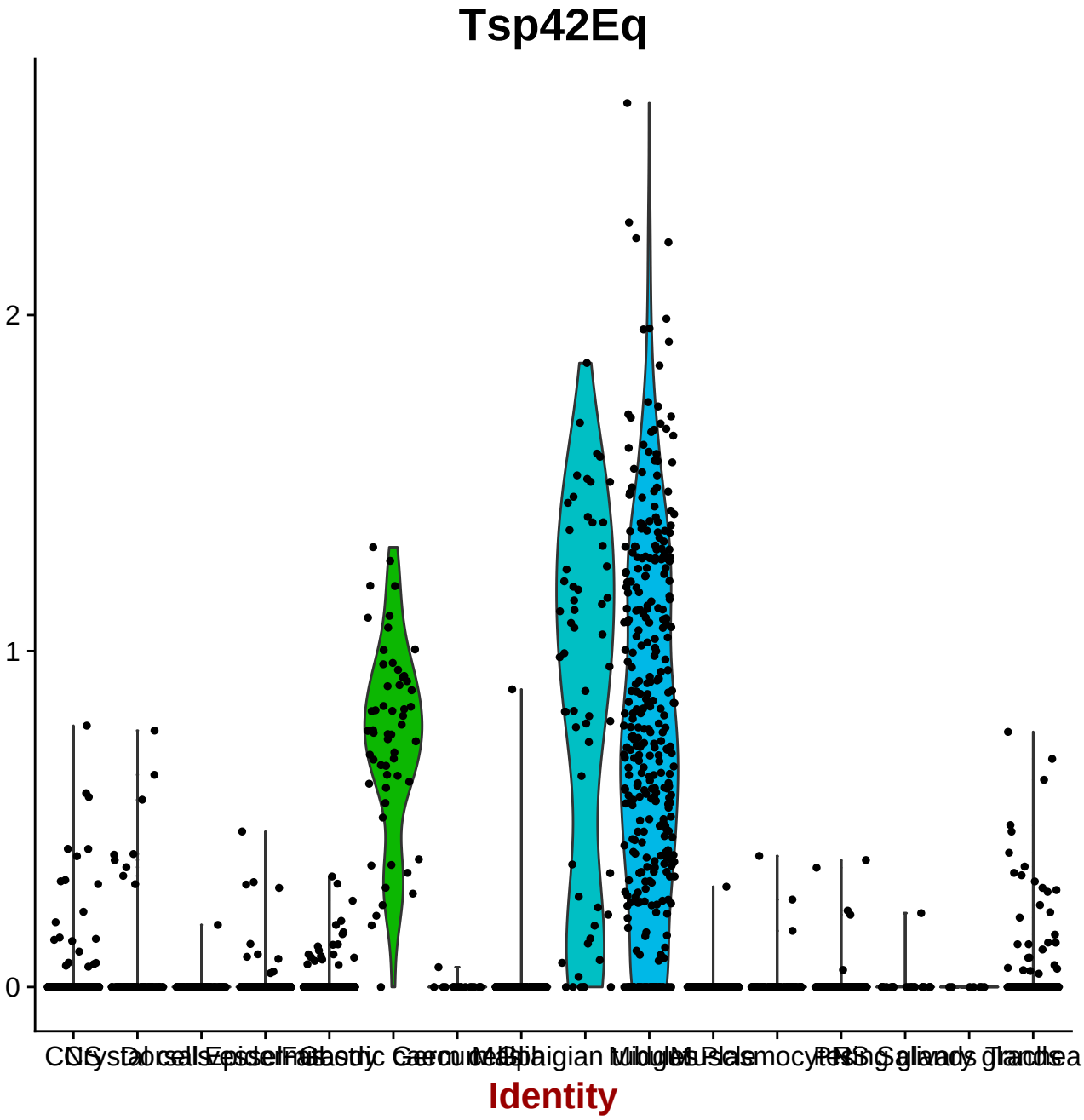
Identity


Tsp42Eq
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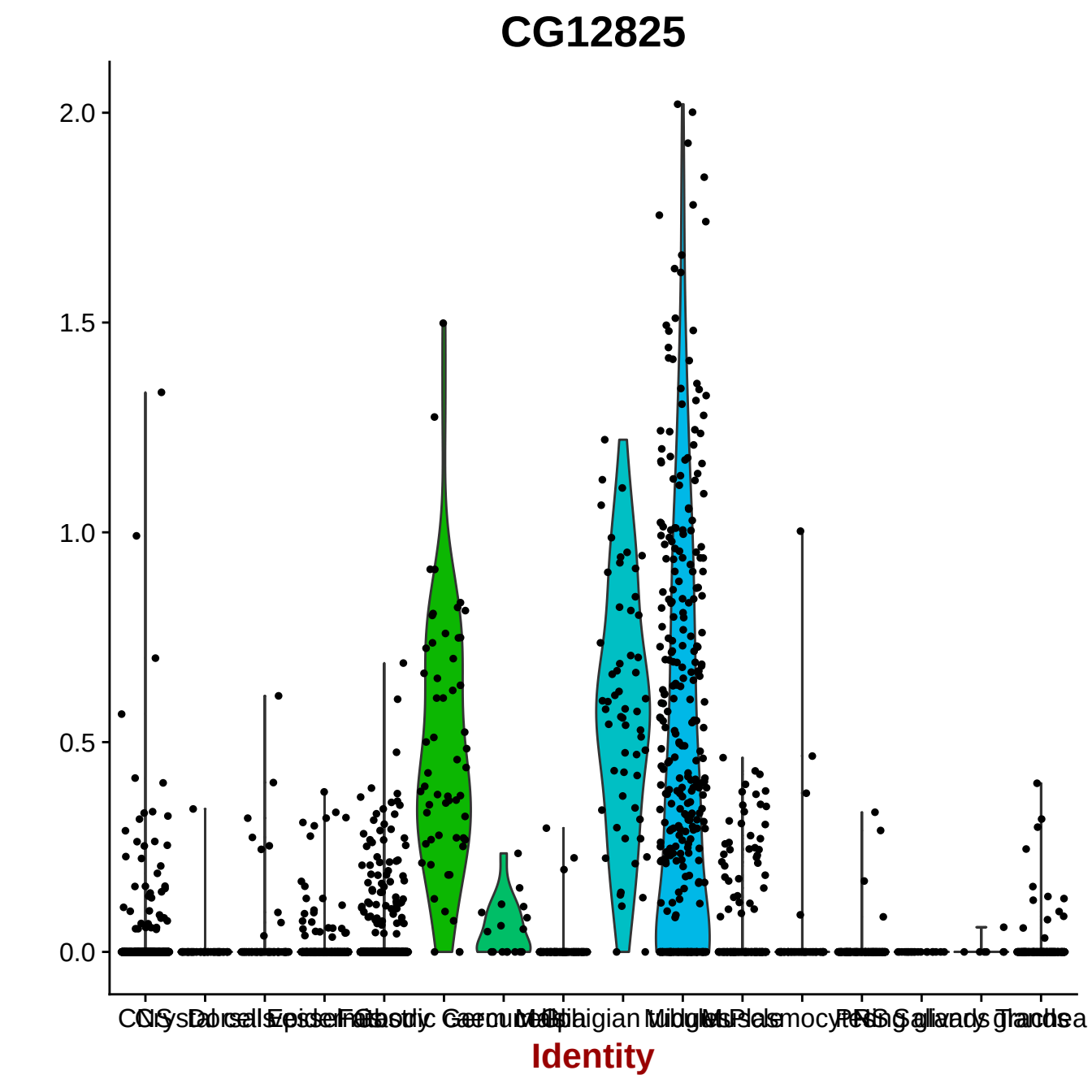
CNS
Dorsal epidermis
Vessel
Gastric caecum
Malpighian tubules
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity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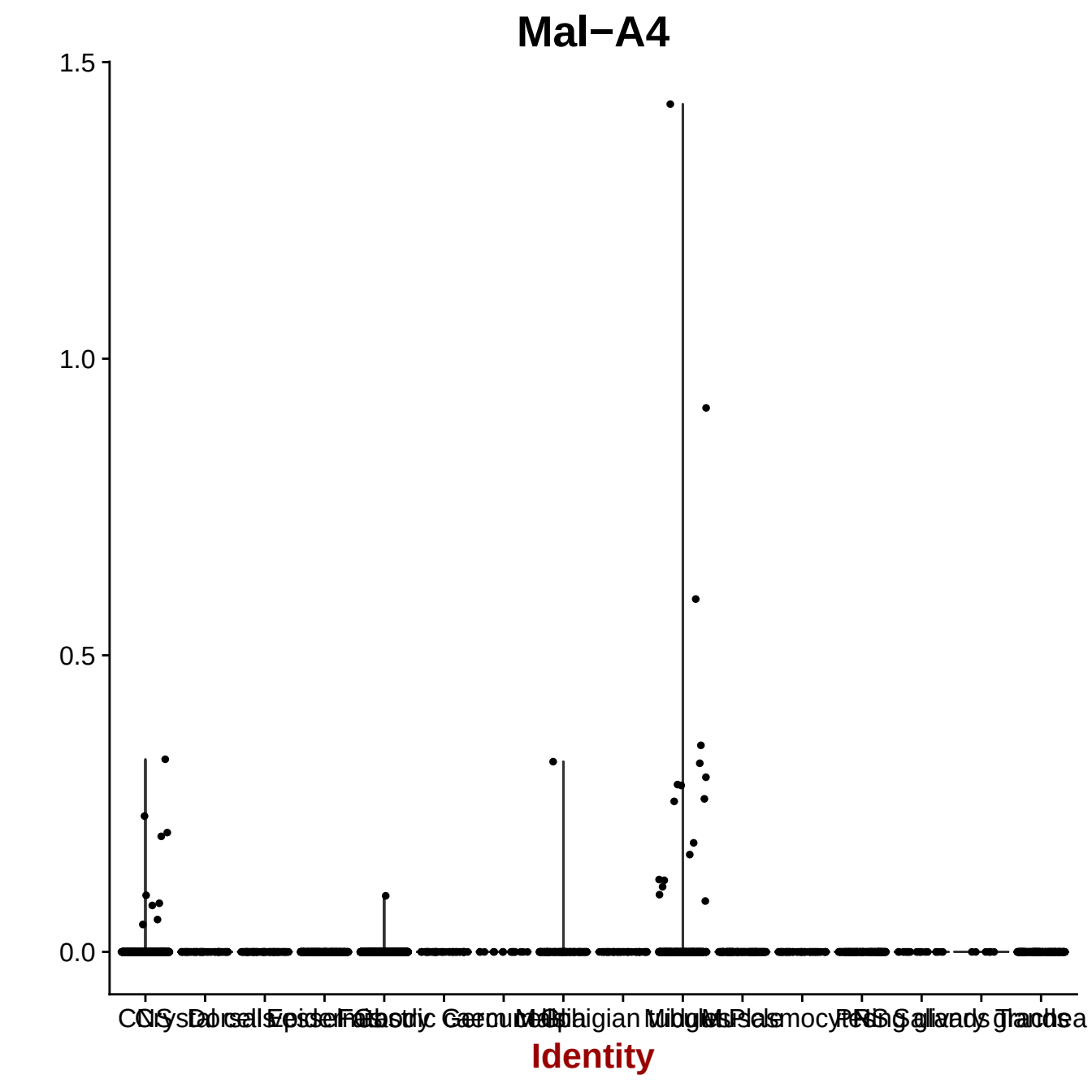
Identity


Mal−A4
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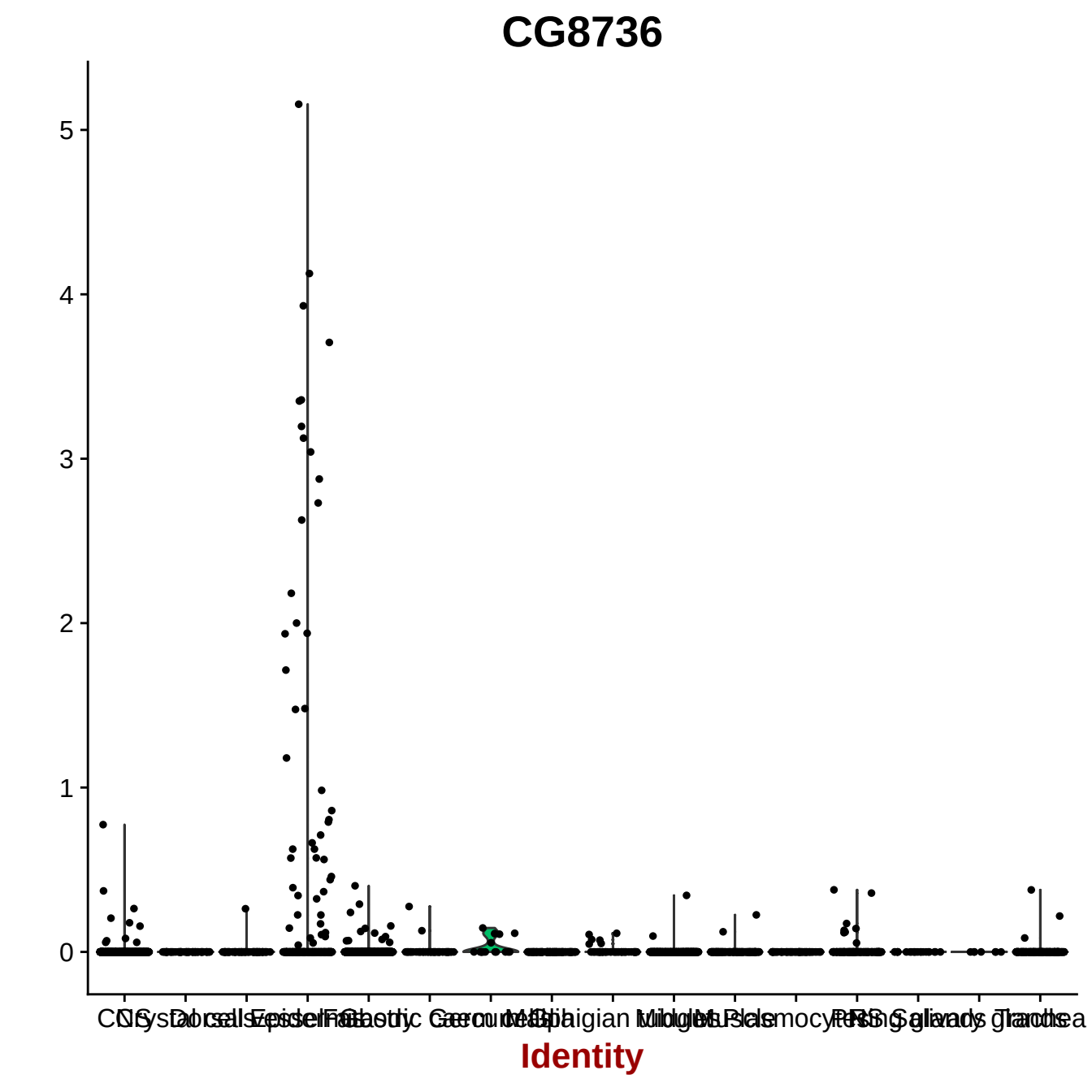
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Midgut
Malpighian tubules
Hemocytes
PES
Salivary gland
Trachea
Identity


CG8736
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4
3
2
1
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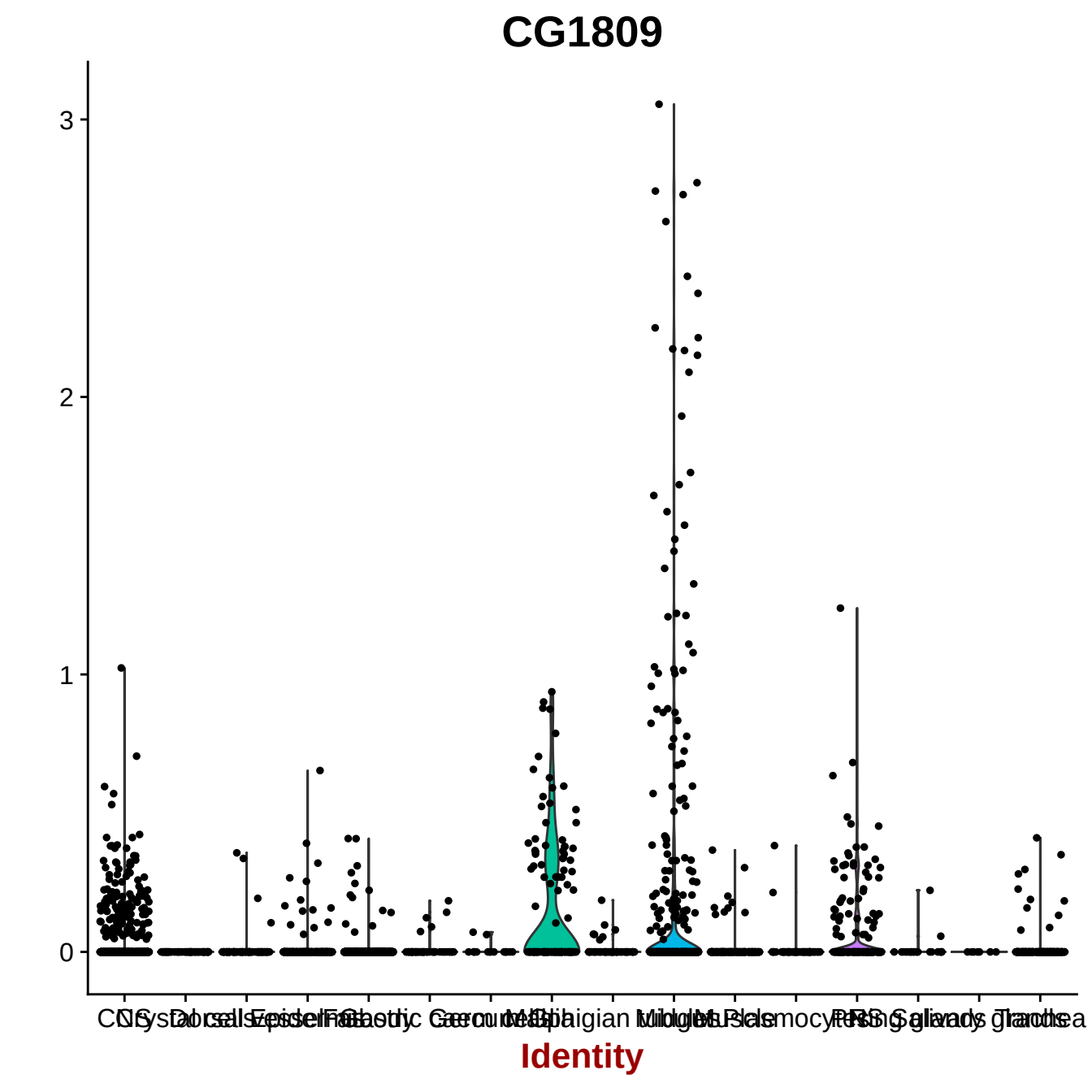
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity


CG1809
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2
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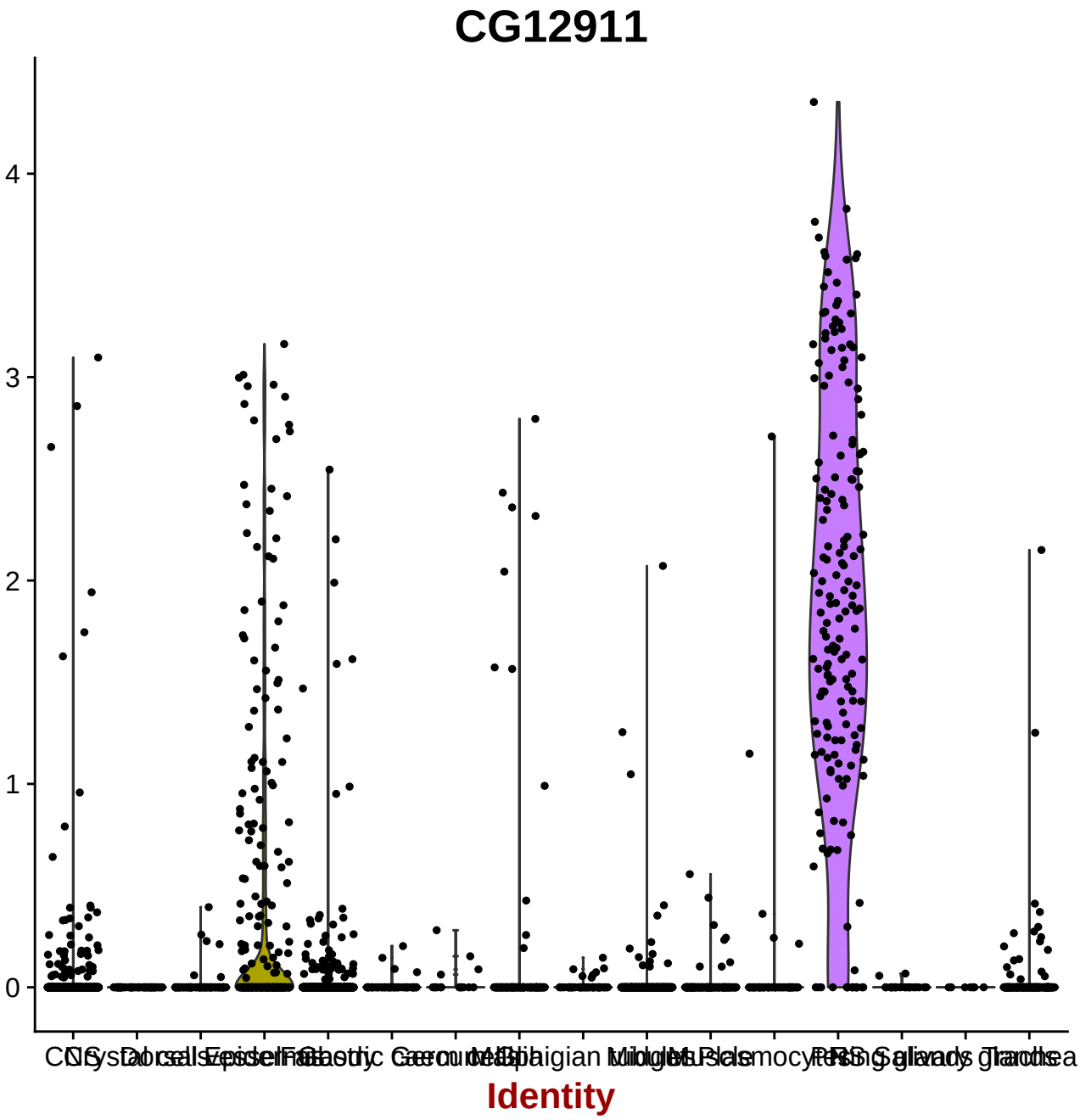
CNS
Dorsal epidermis
Epidermis
Elastic
Gut
Malpighian
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG12911
4
3
2
1
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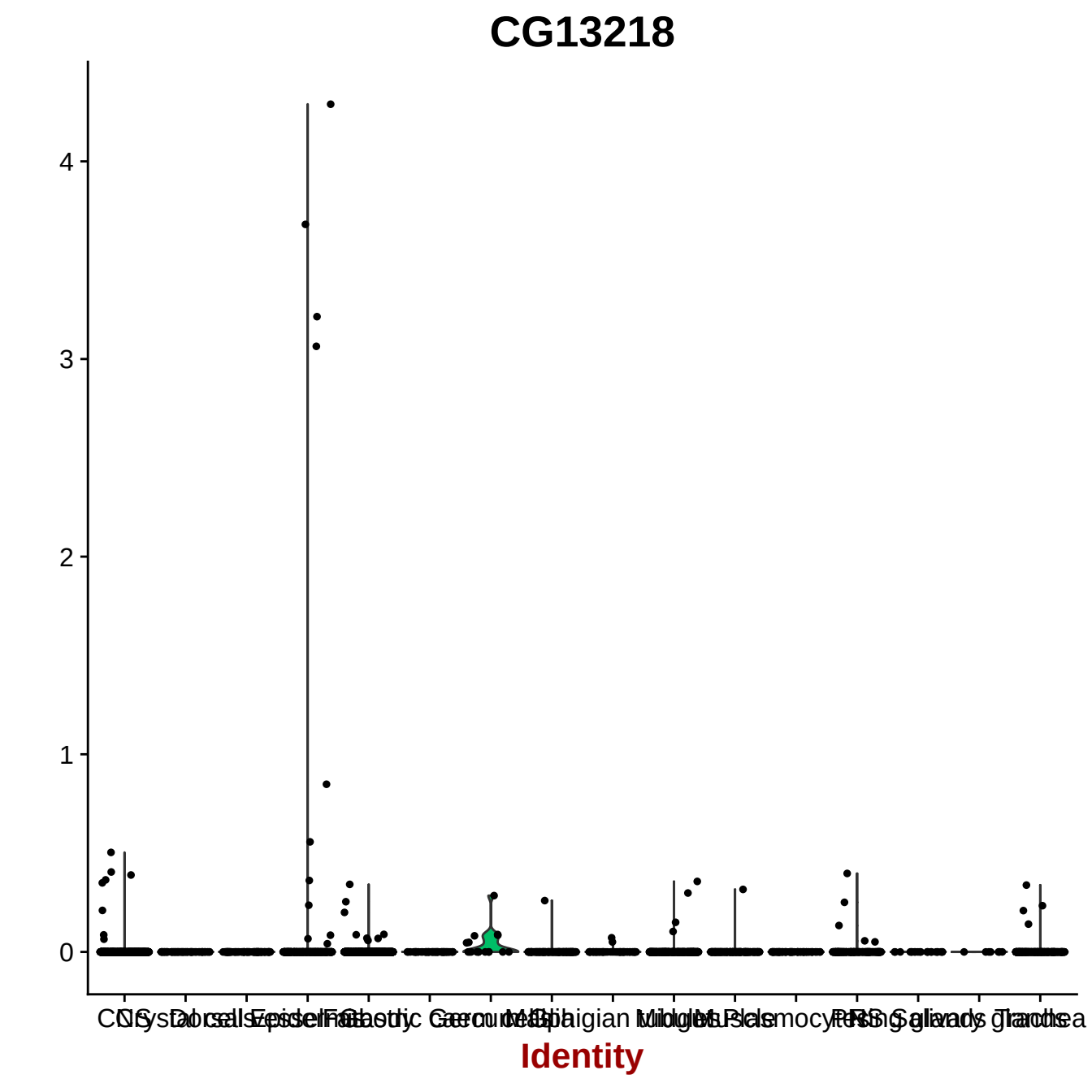
CNS
Crystal cells
Dorsal epidermis
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG13218
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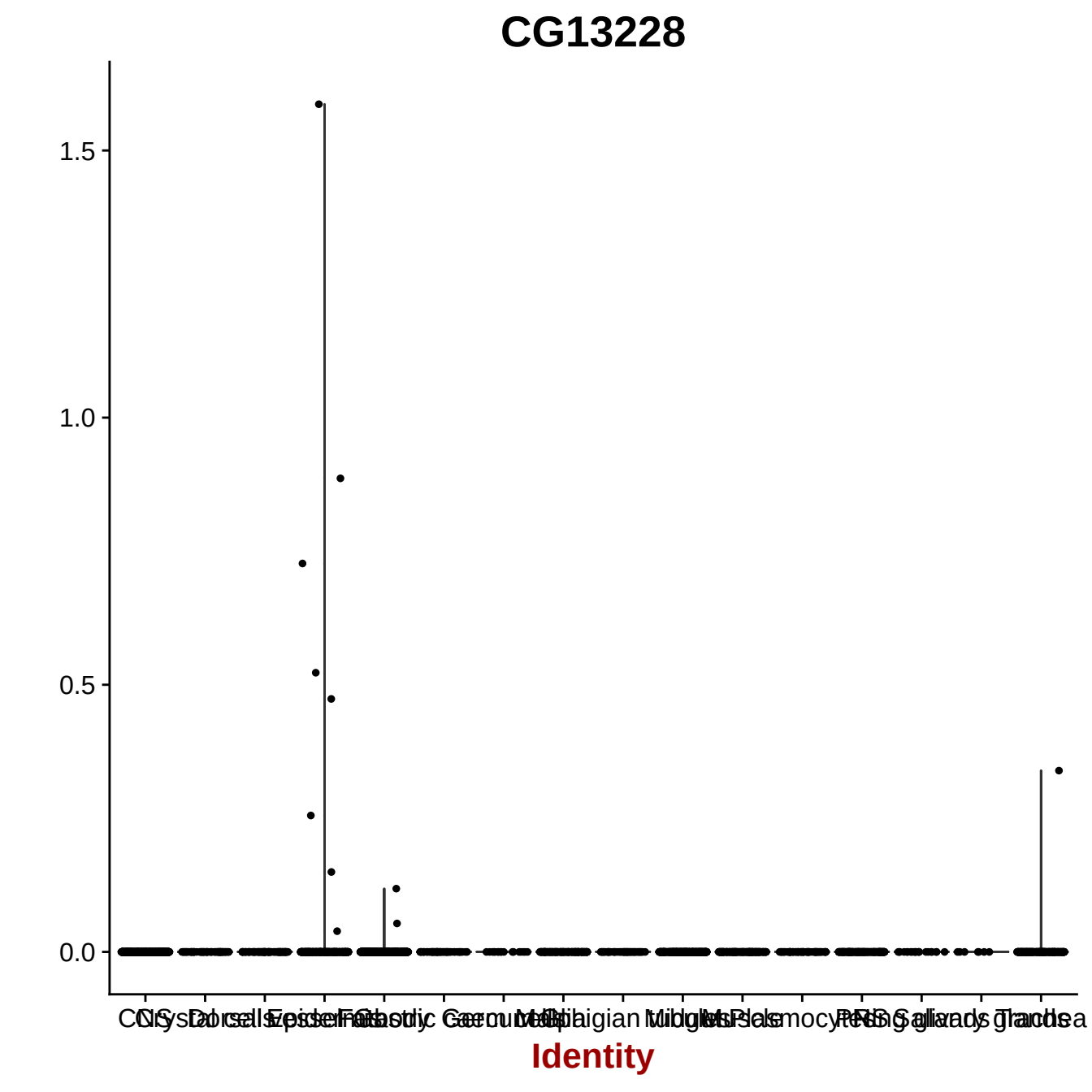
2
1
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Elastic
Caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity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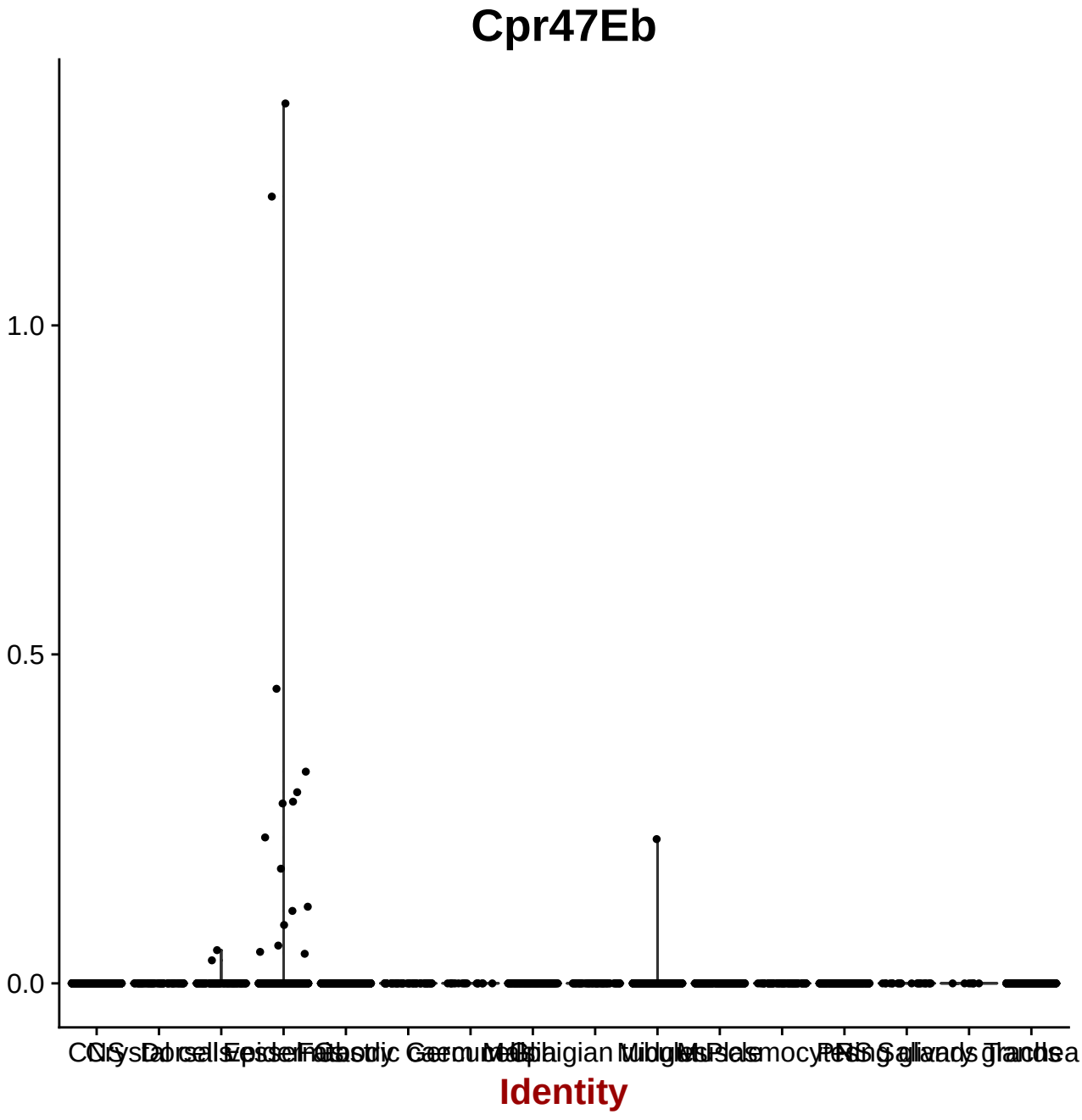
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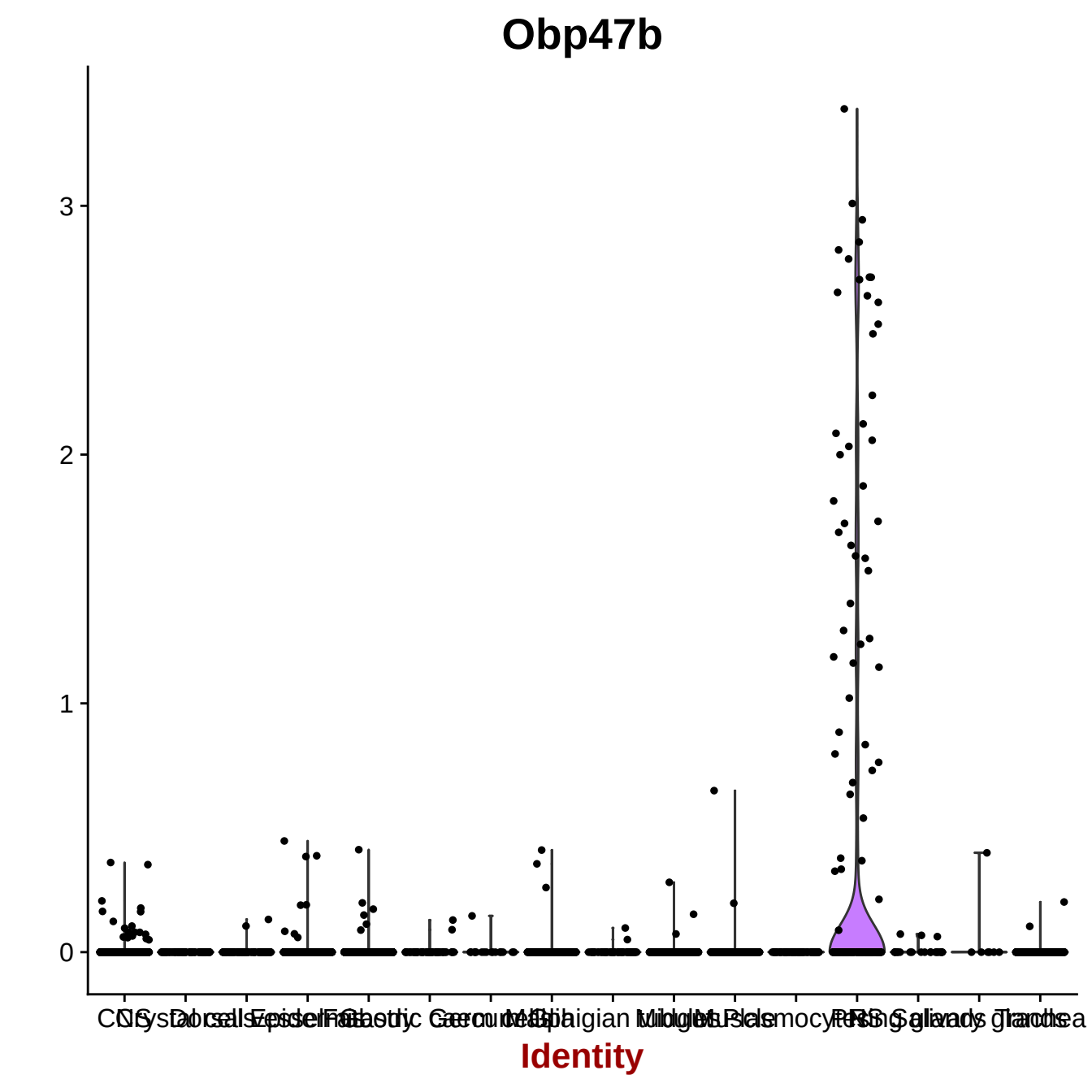
Identity


Obp47b
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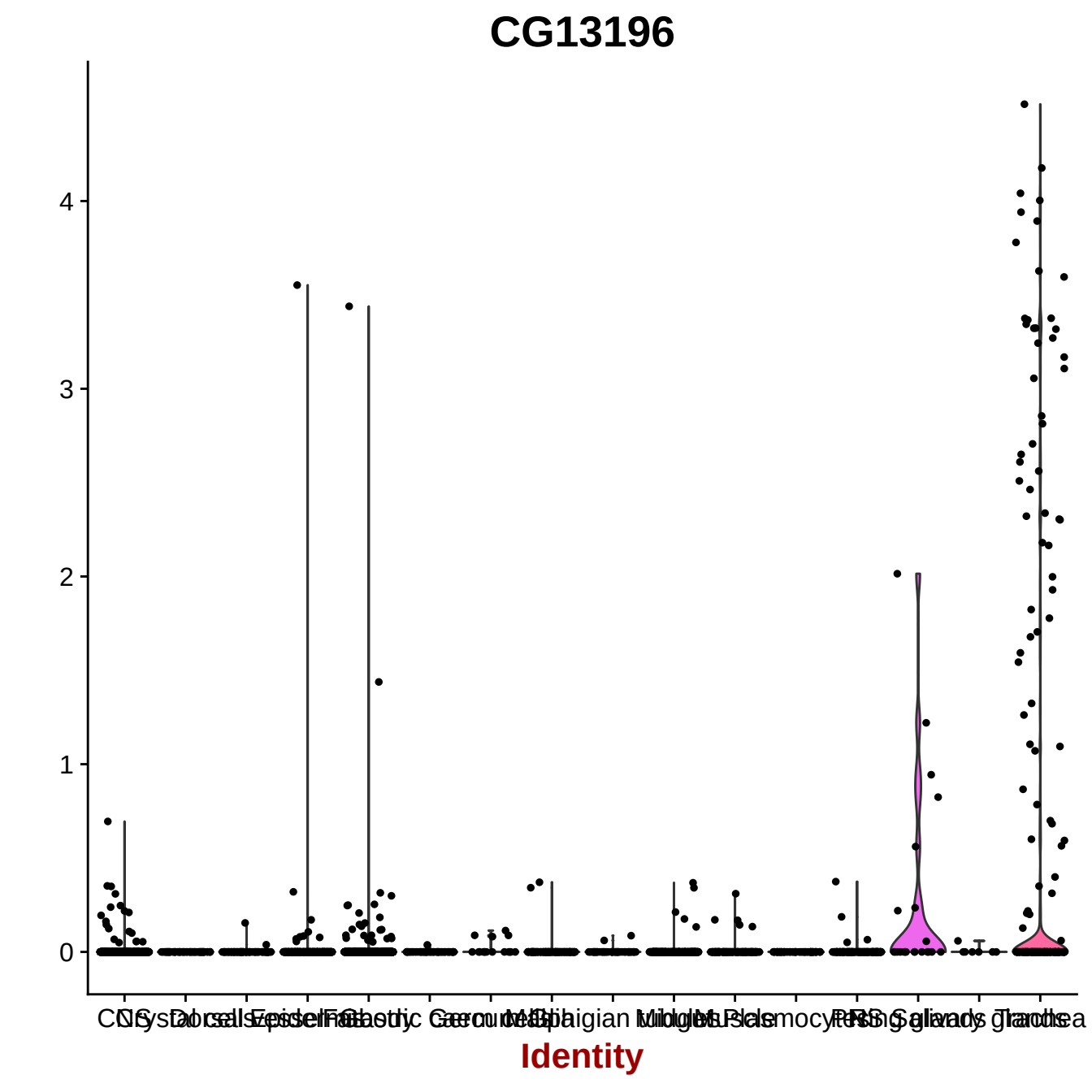
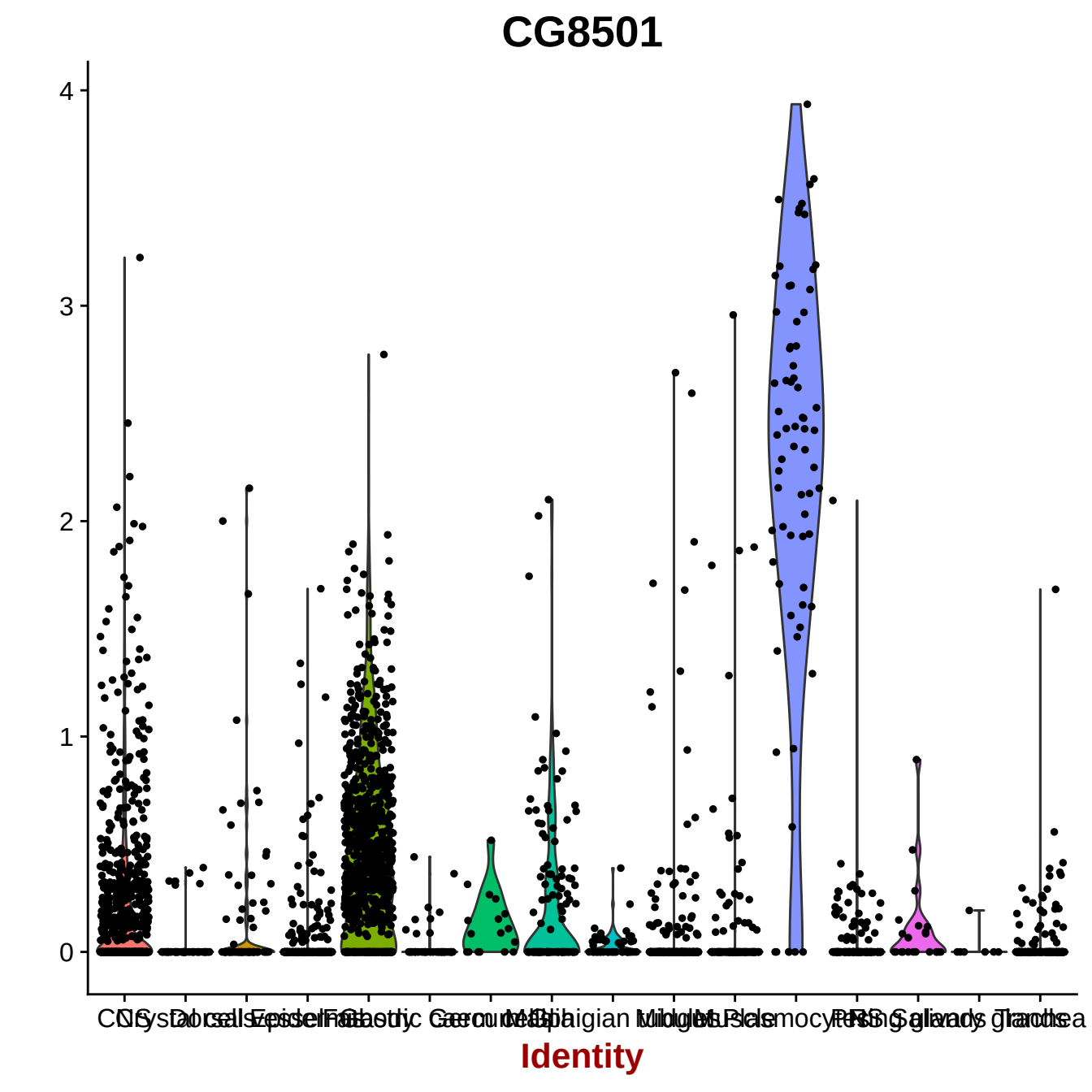
CNS
Crystalline
Dorsal
Epidermis
Epidermis
Esophagus
Gastric
Gastric
Gastric


CG13196
4
3
2
1
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscles
PNS
Salivary gland
Trachea
Identity


CG8501
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2
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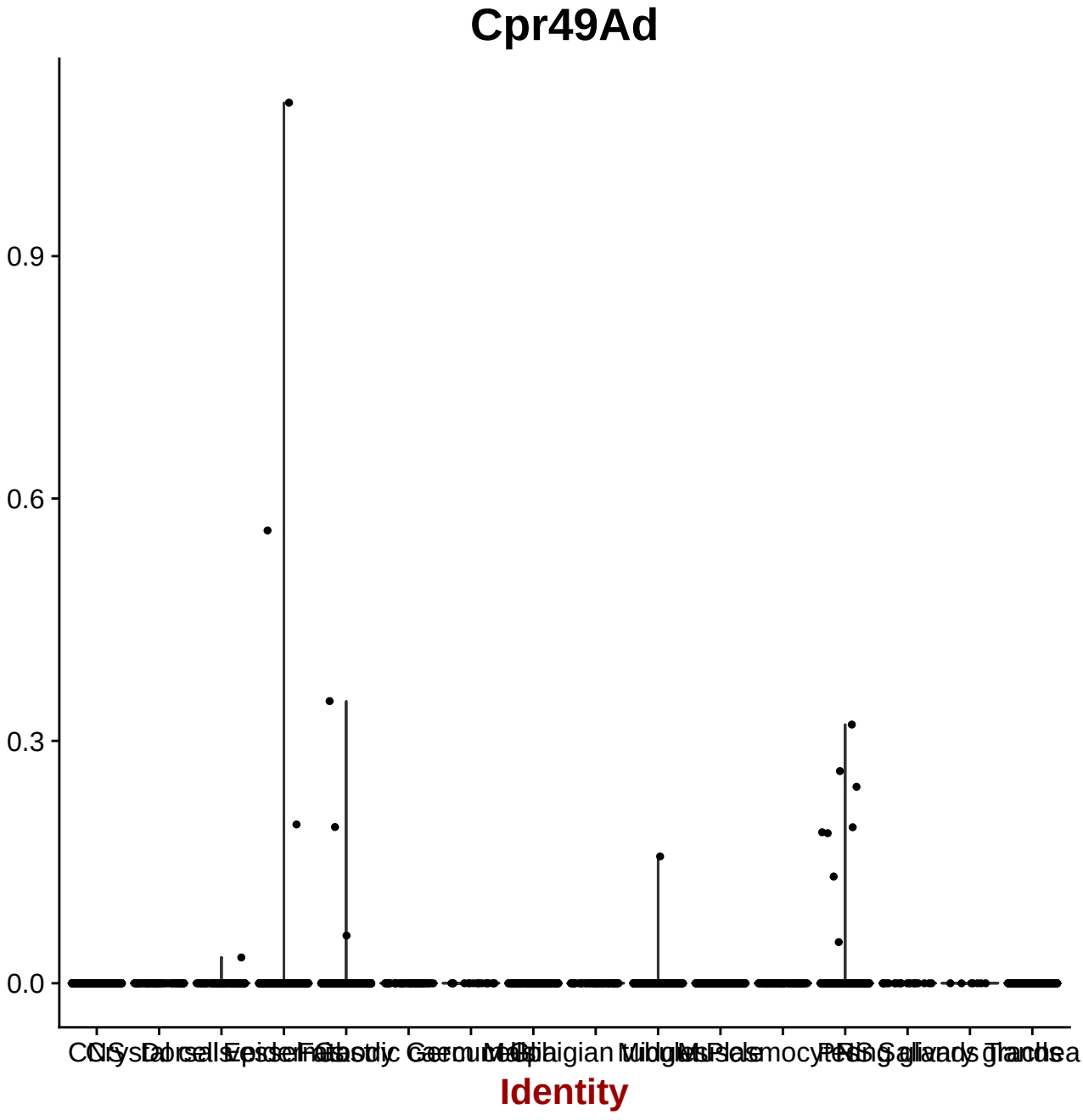
CNS
Crystal cells
Dorsal epidermis
Epidermis
Fat body
Germ cells
Malpighian tubules
Midgut
Muscles
Oenocytes
PRS
Salivary gland
Trachea
Identity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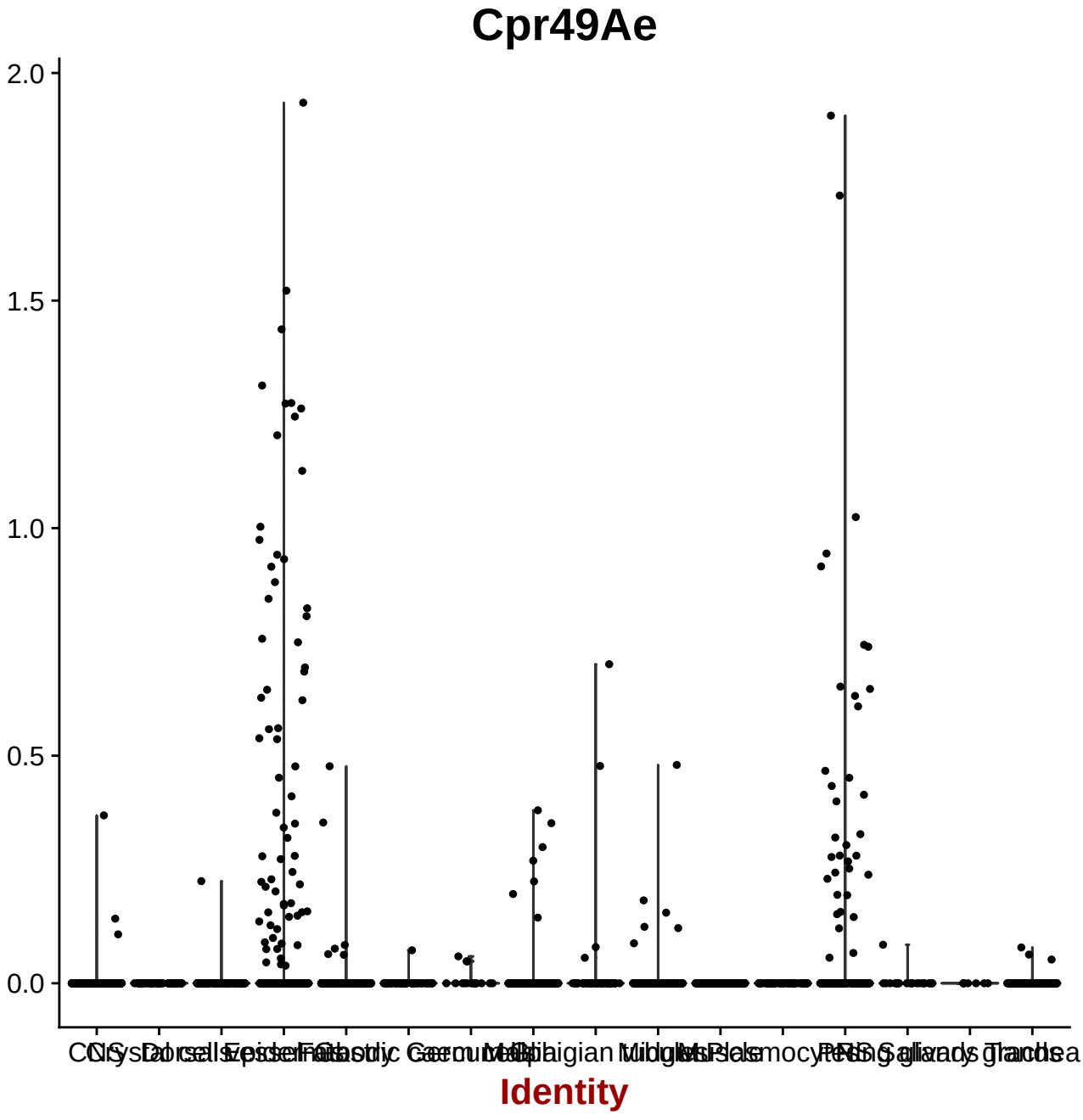
Identity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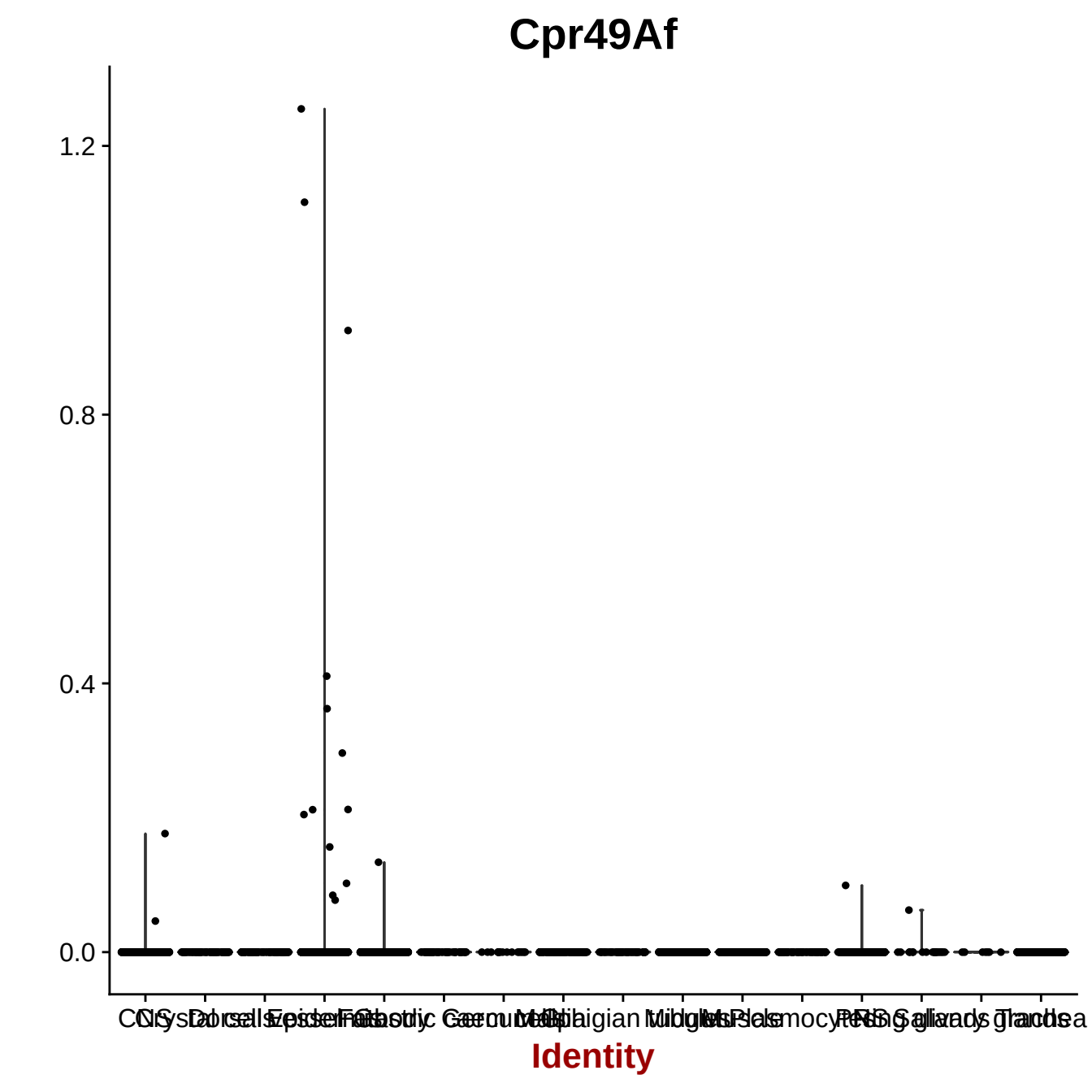
Identity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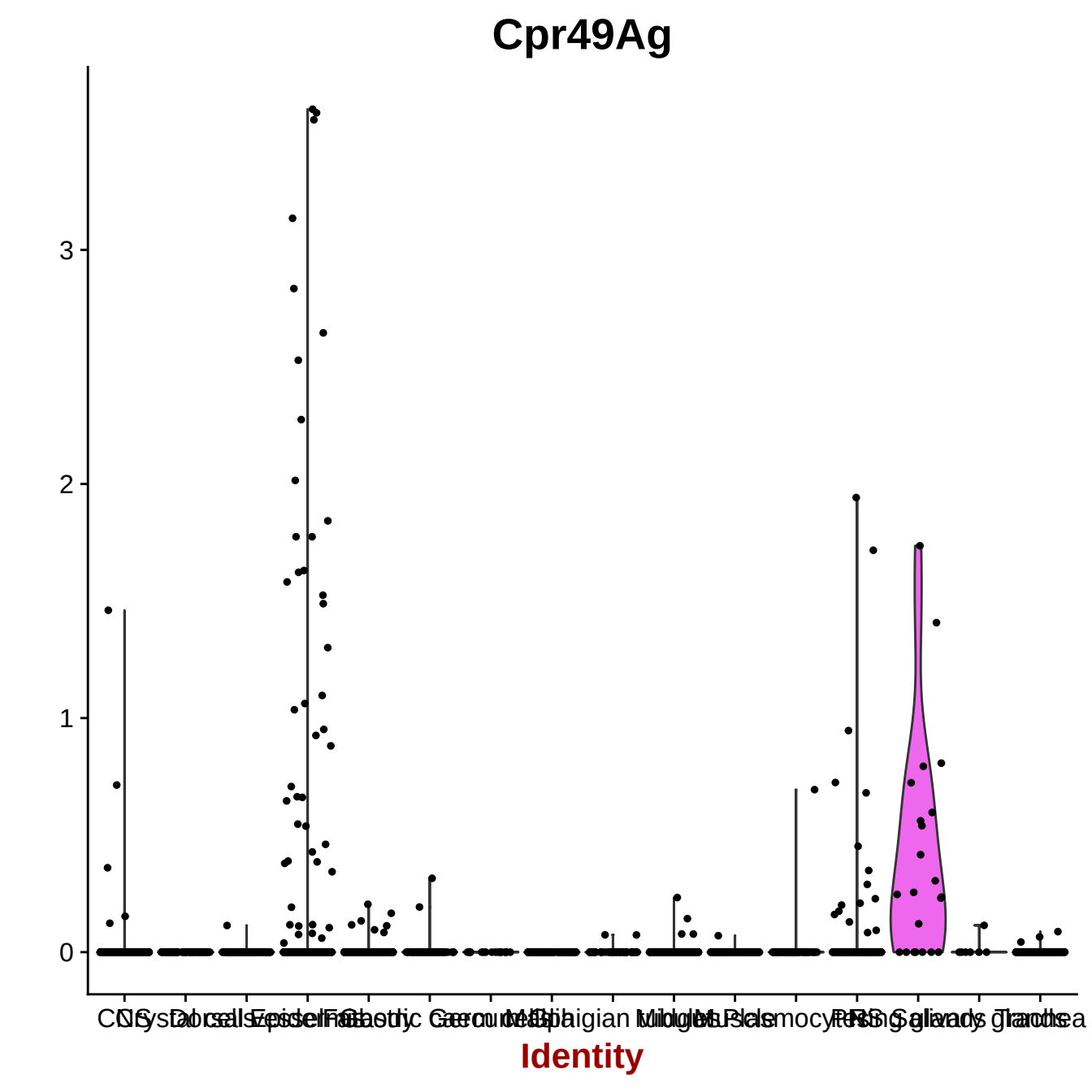
Cpr49Ag
3
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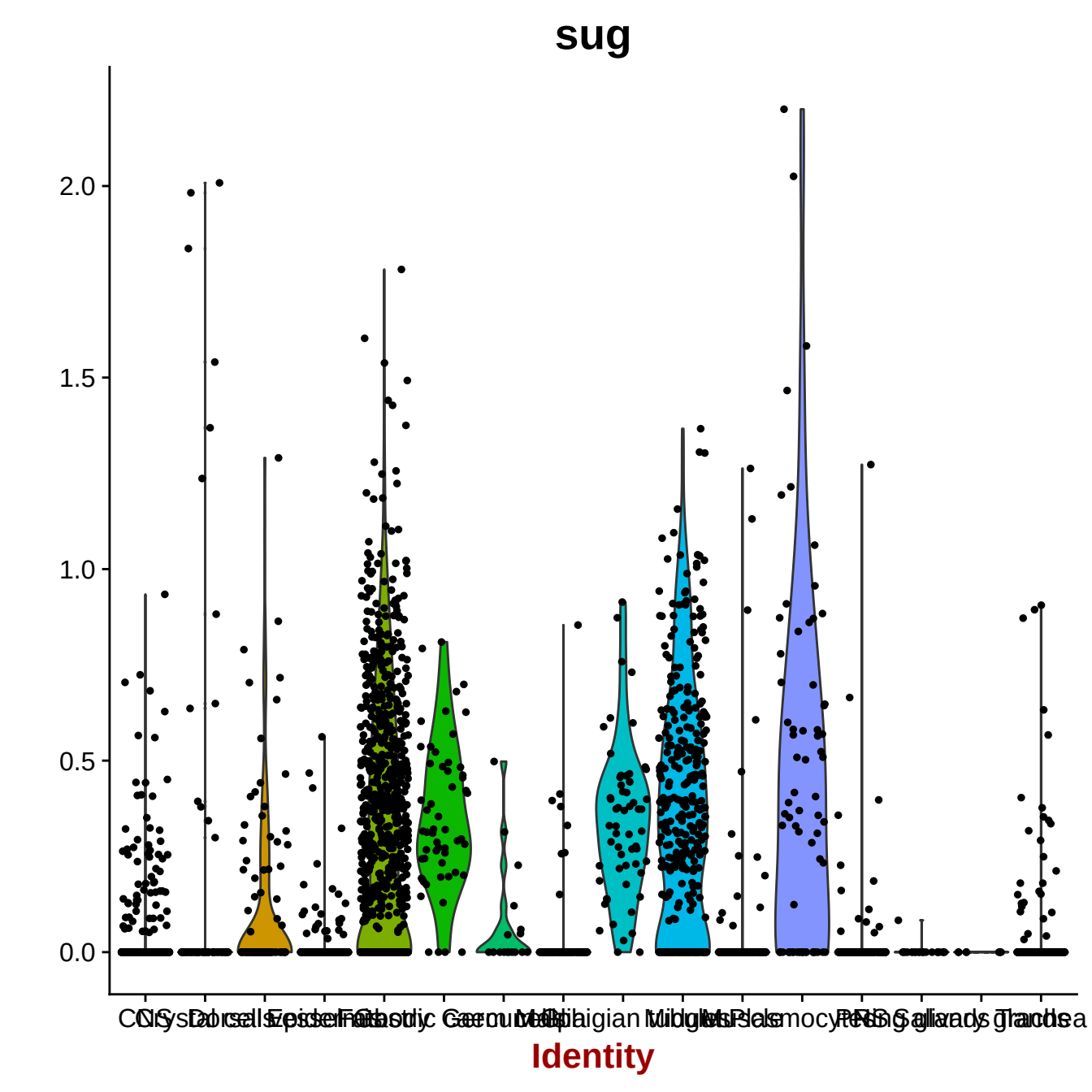
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


sug
2.0
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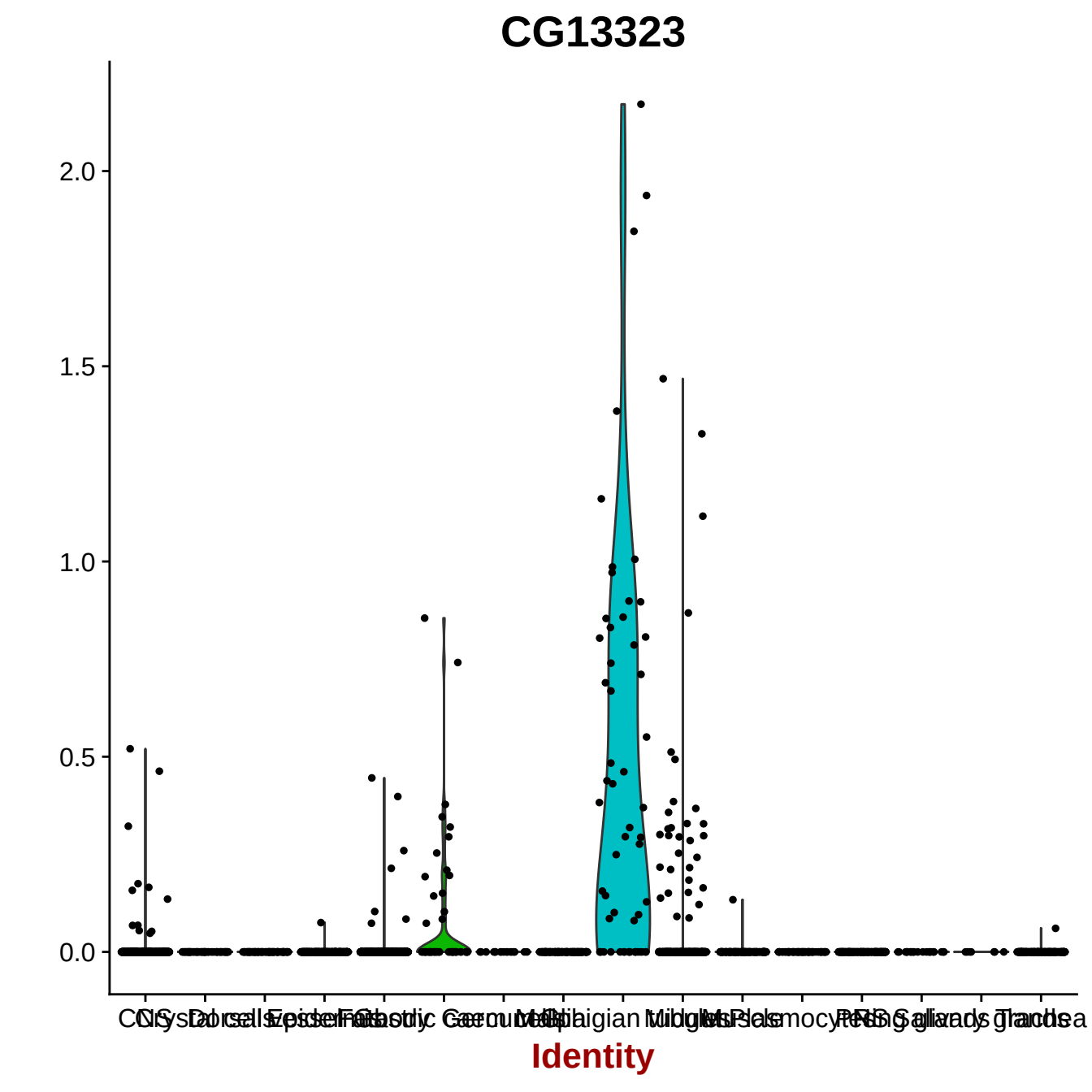
0.5
0.0
Identity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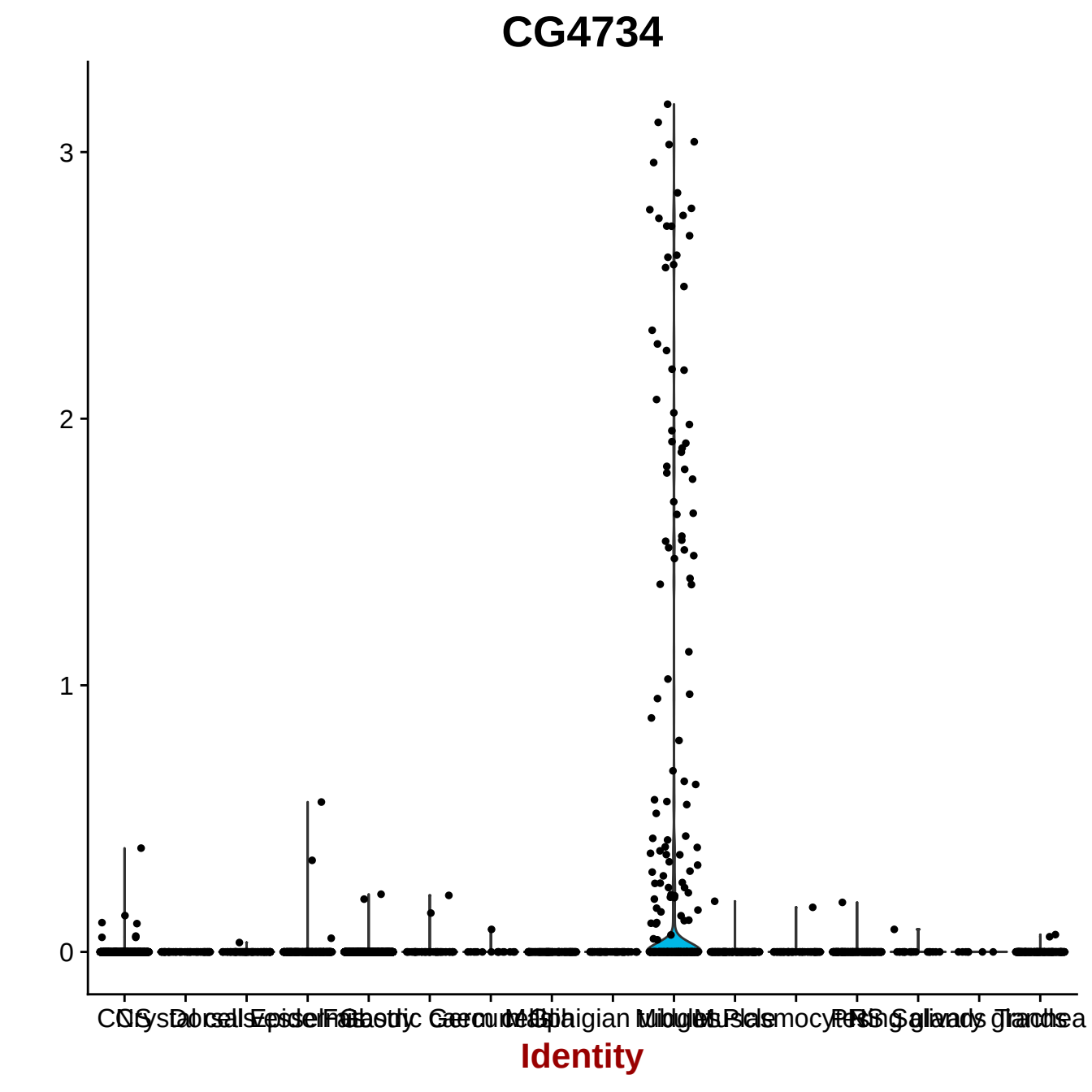
Identity


CG4734
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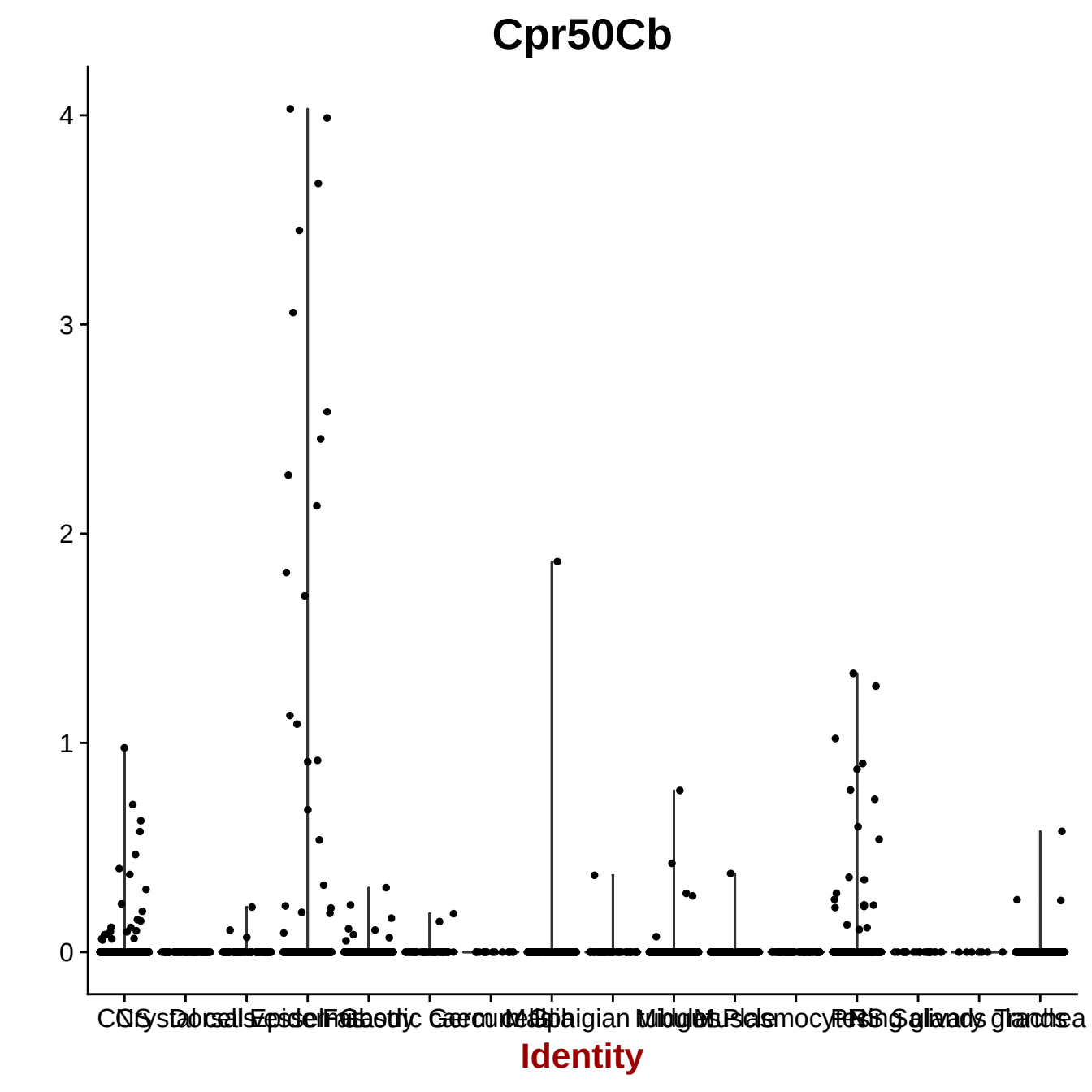
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Malpighian tubules
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity


Cpr50Cb
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2
1
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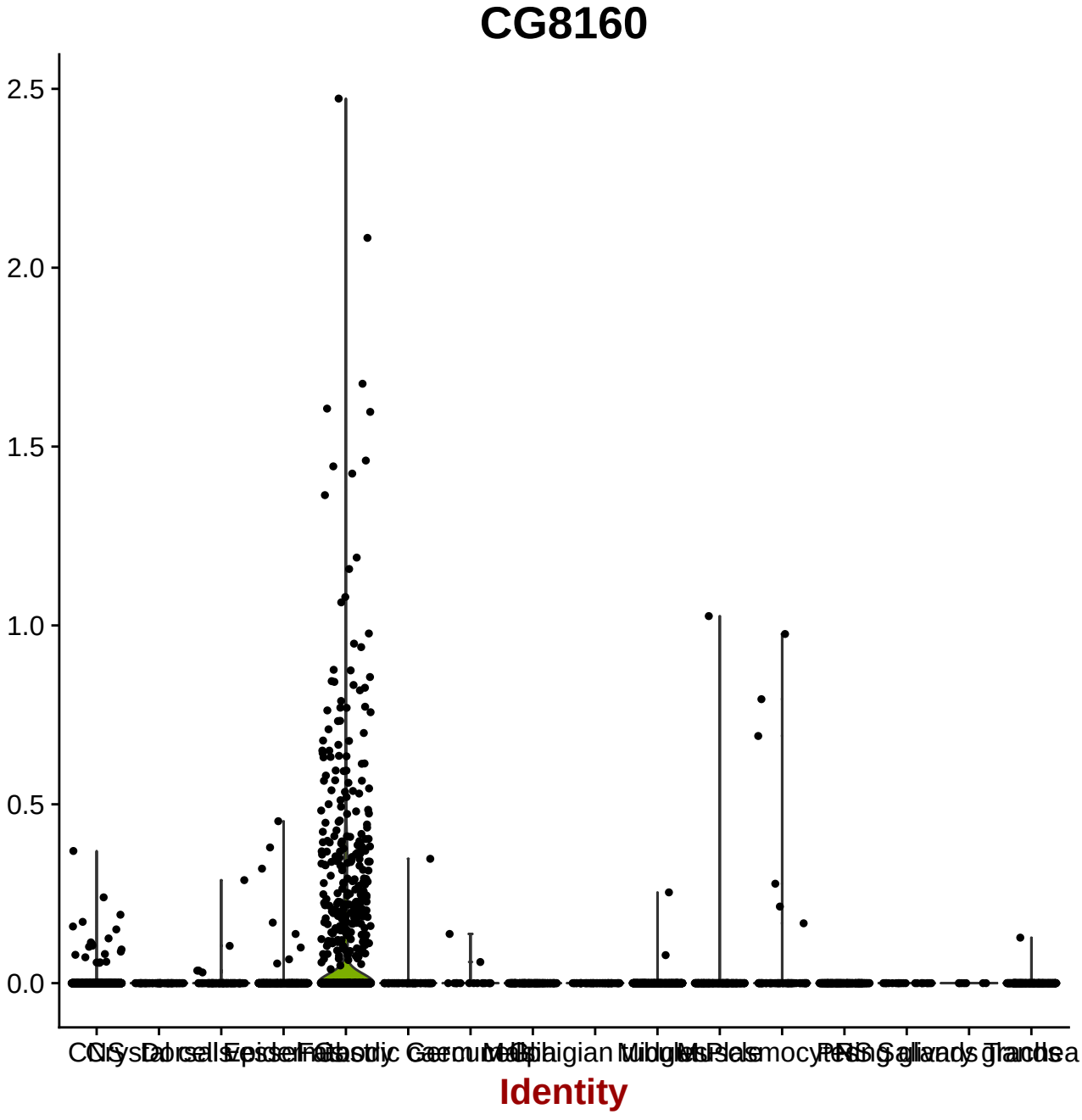
CNS
Dorsal epidermis
Epidermis
Elastic
Caecum
Malpighian tubules
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG8160
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1.5
1.0
0.5
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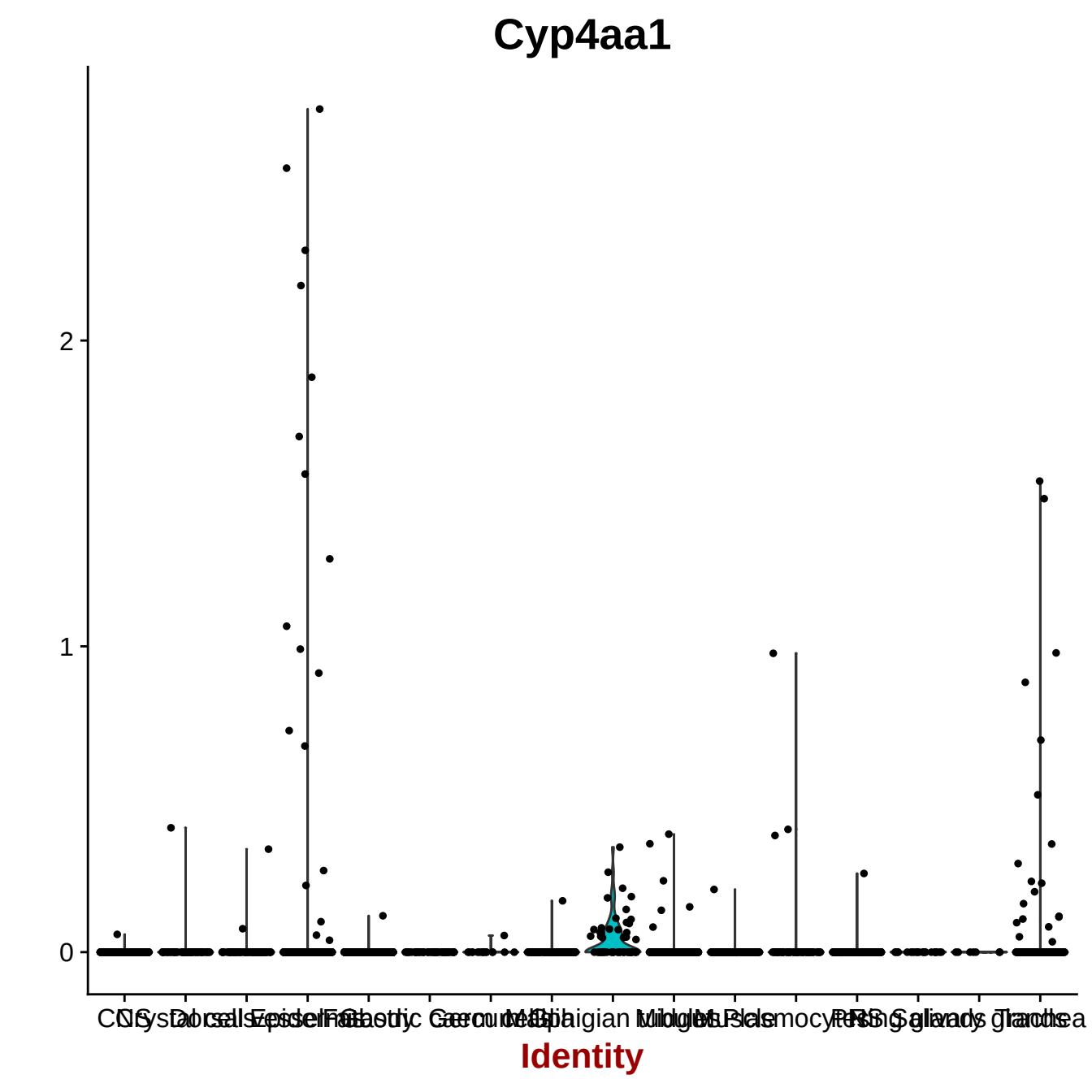
Identity


Cyp4aa1
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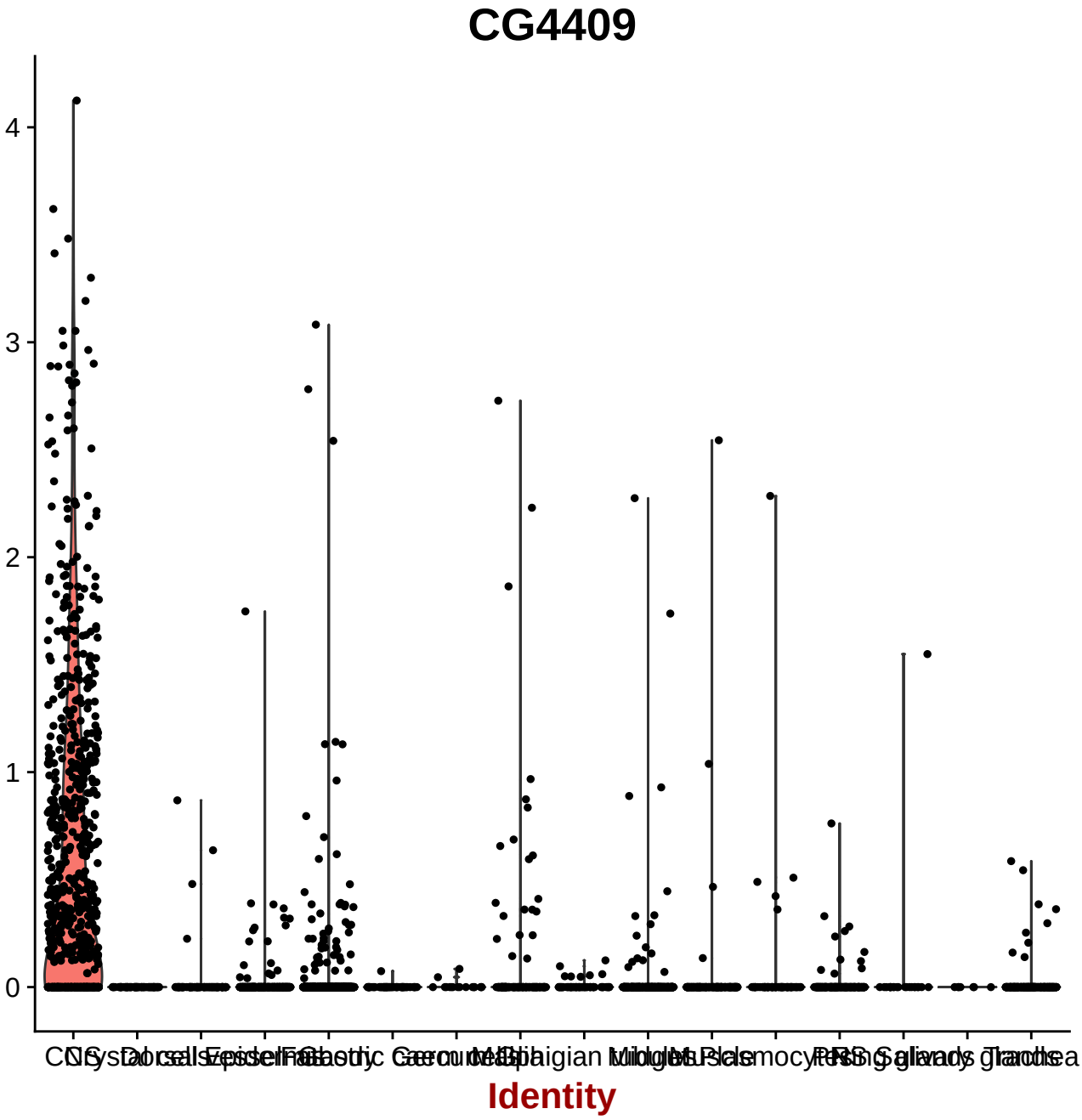
CNS
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Oenocytes
PRS
Salivary gland
Trachea
Identity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2
1
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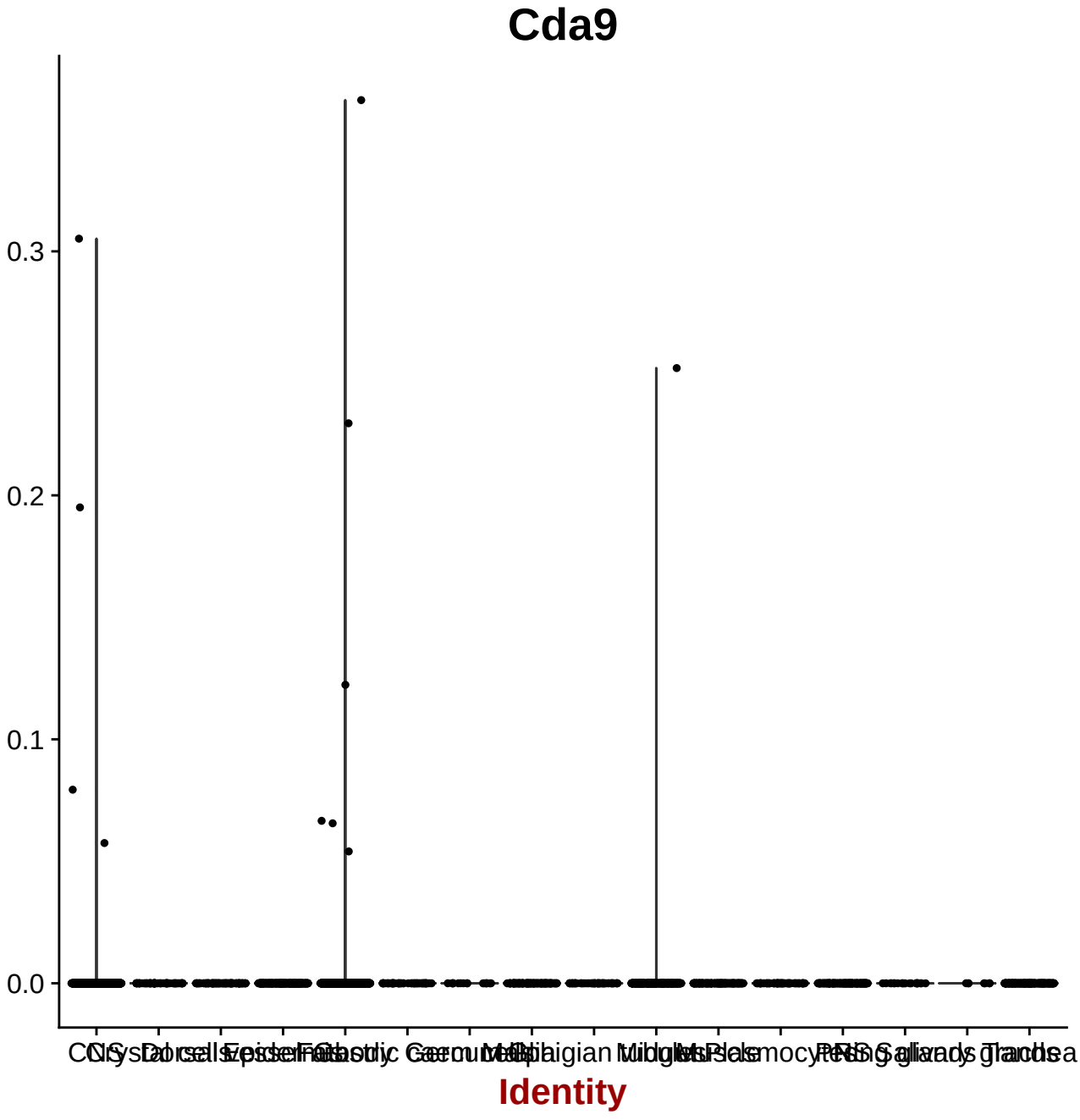
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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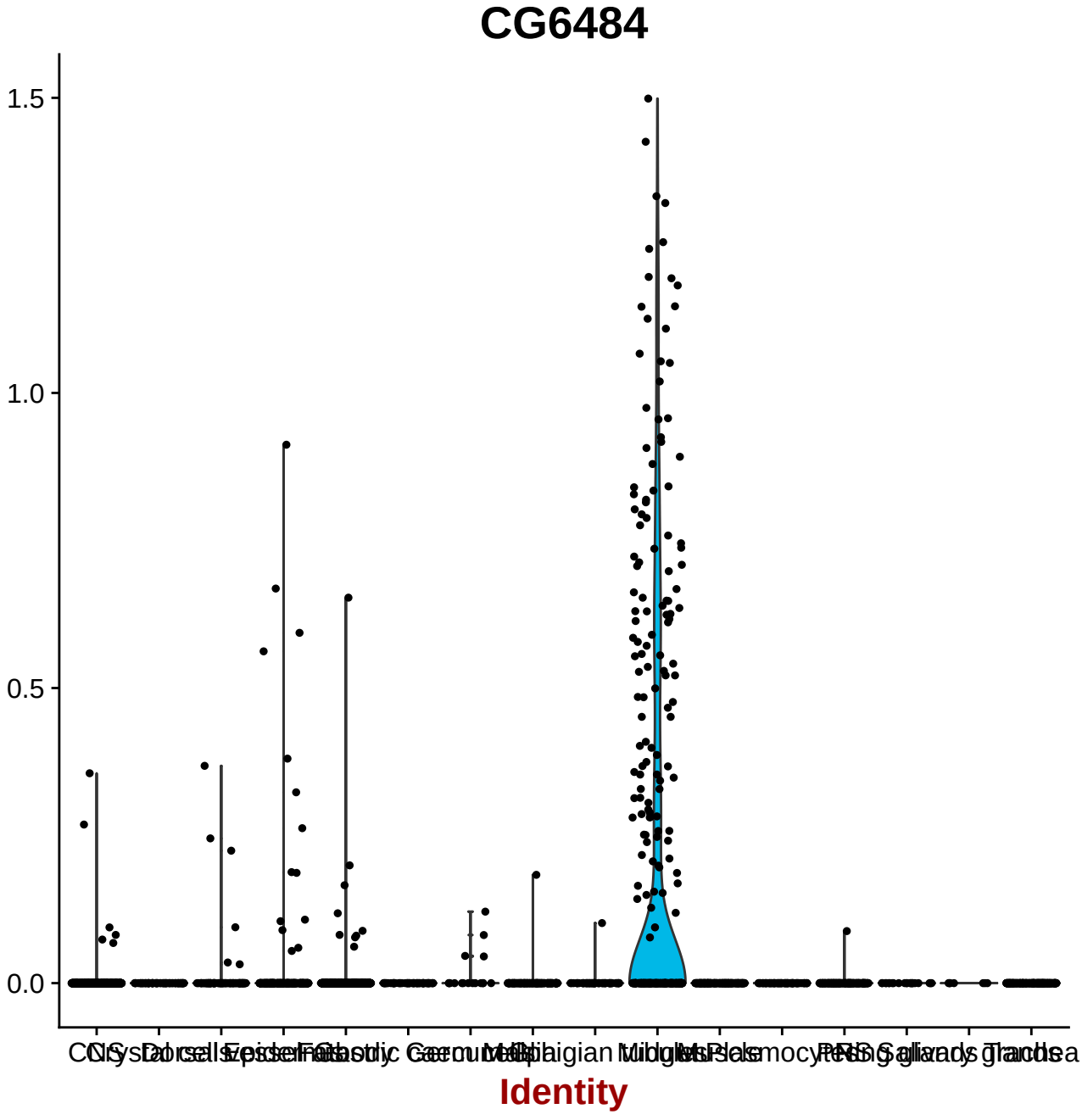
Identity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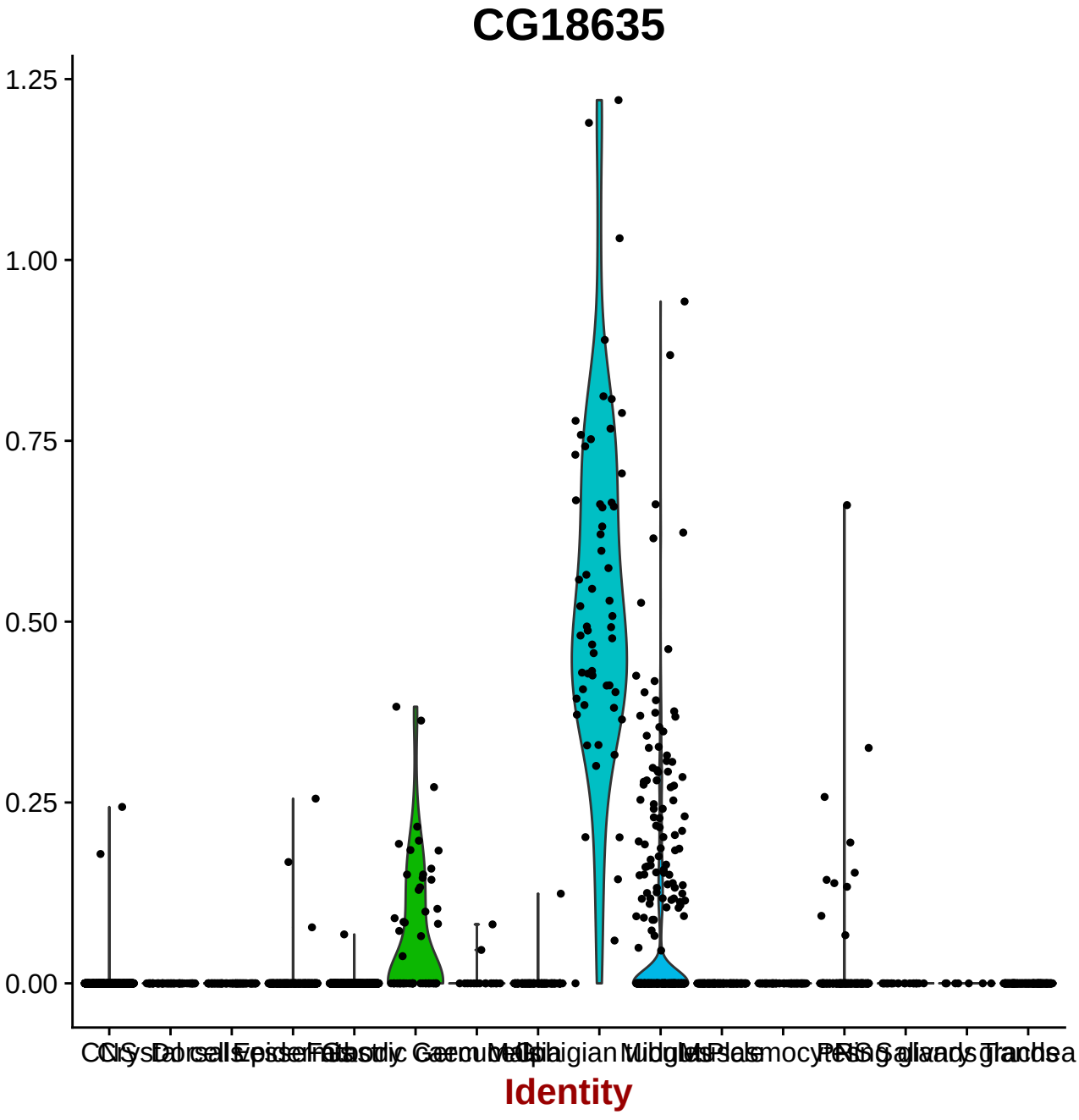
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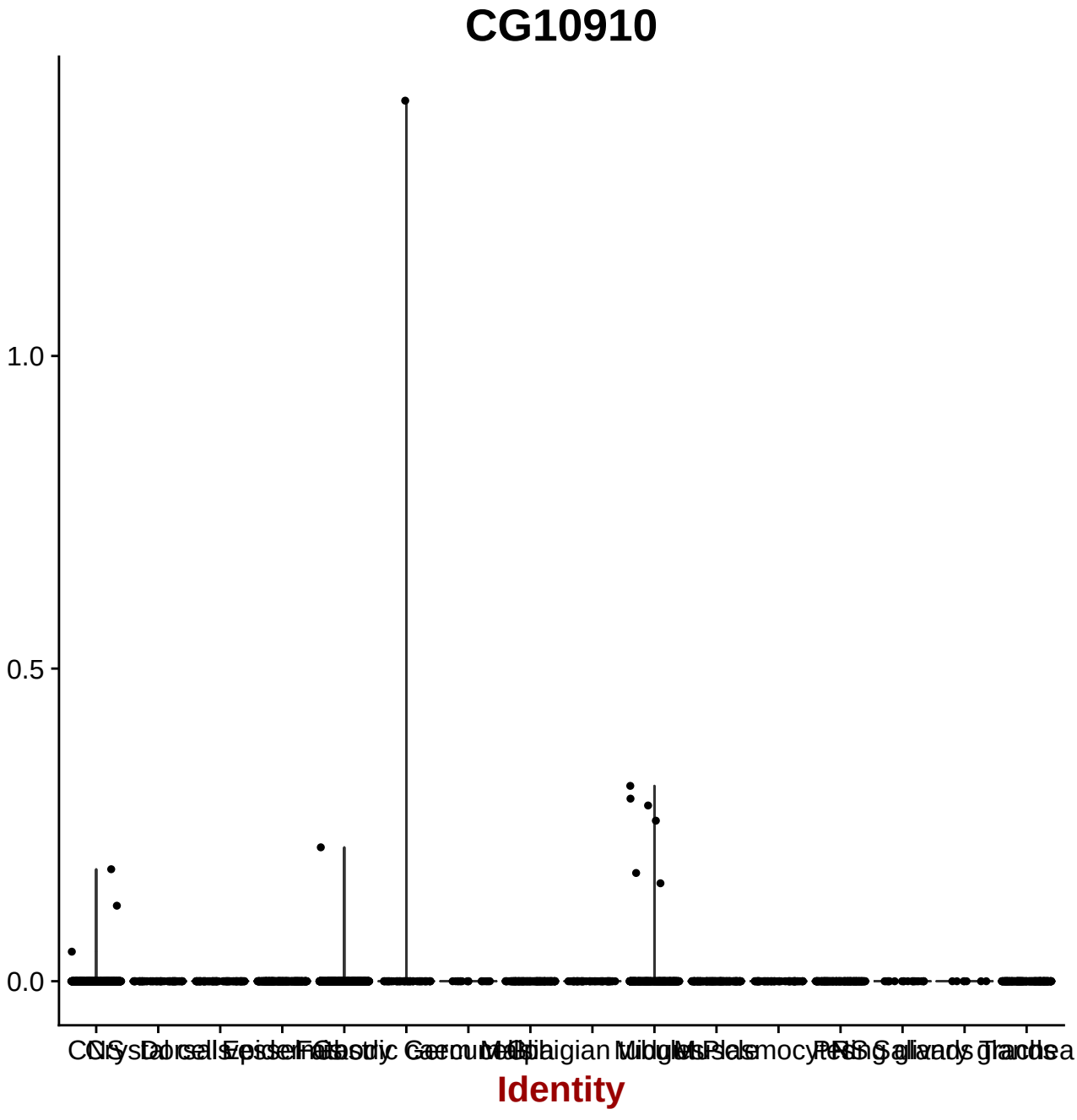
Identity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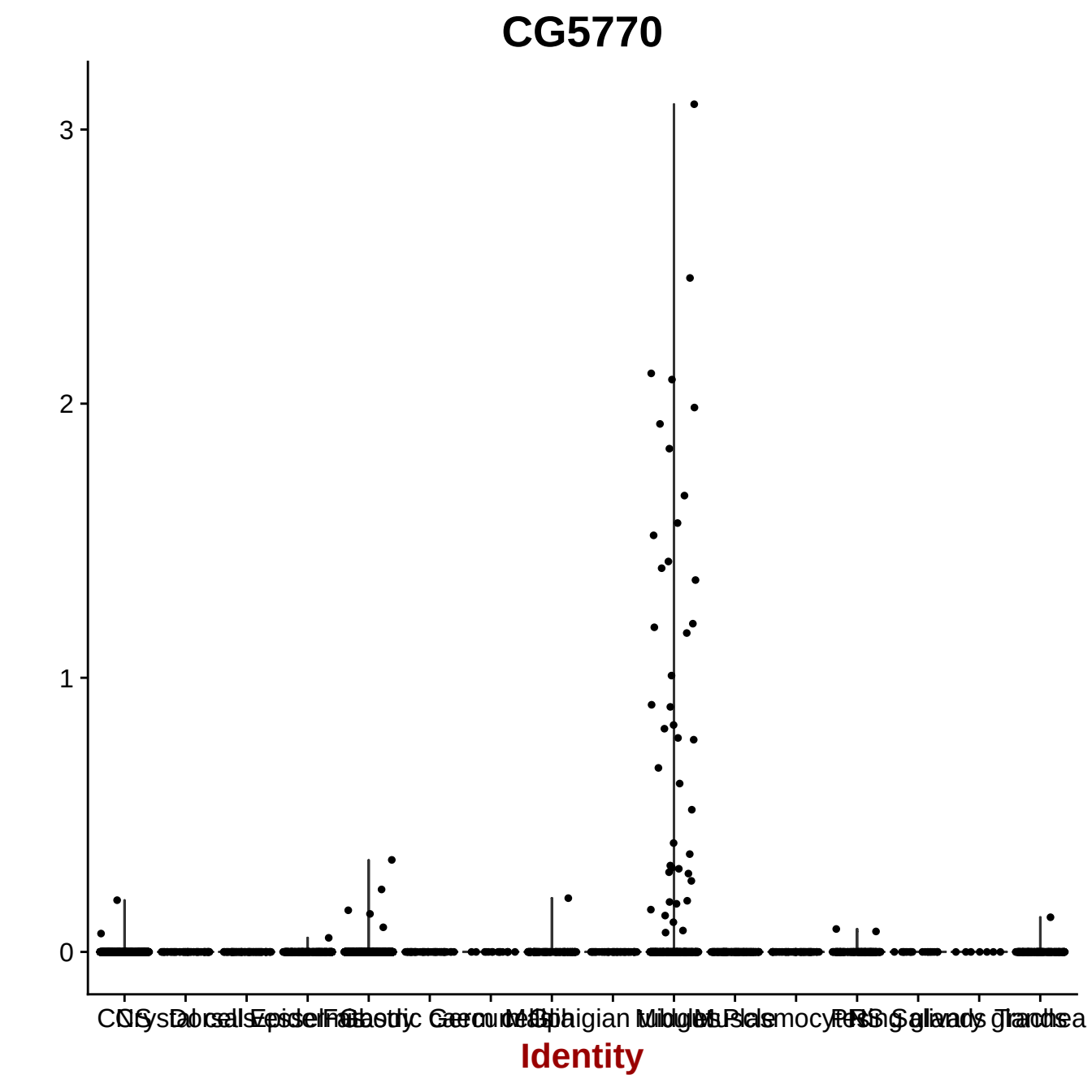
Identity


CG5770
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2
1
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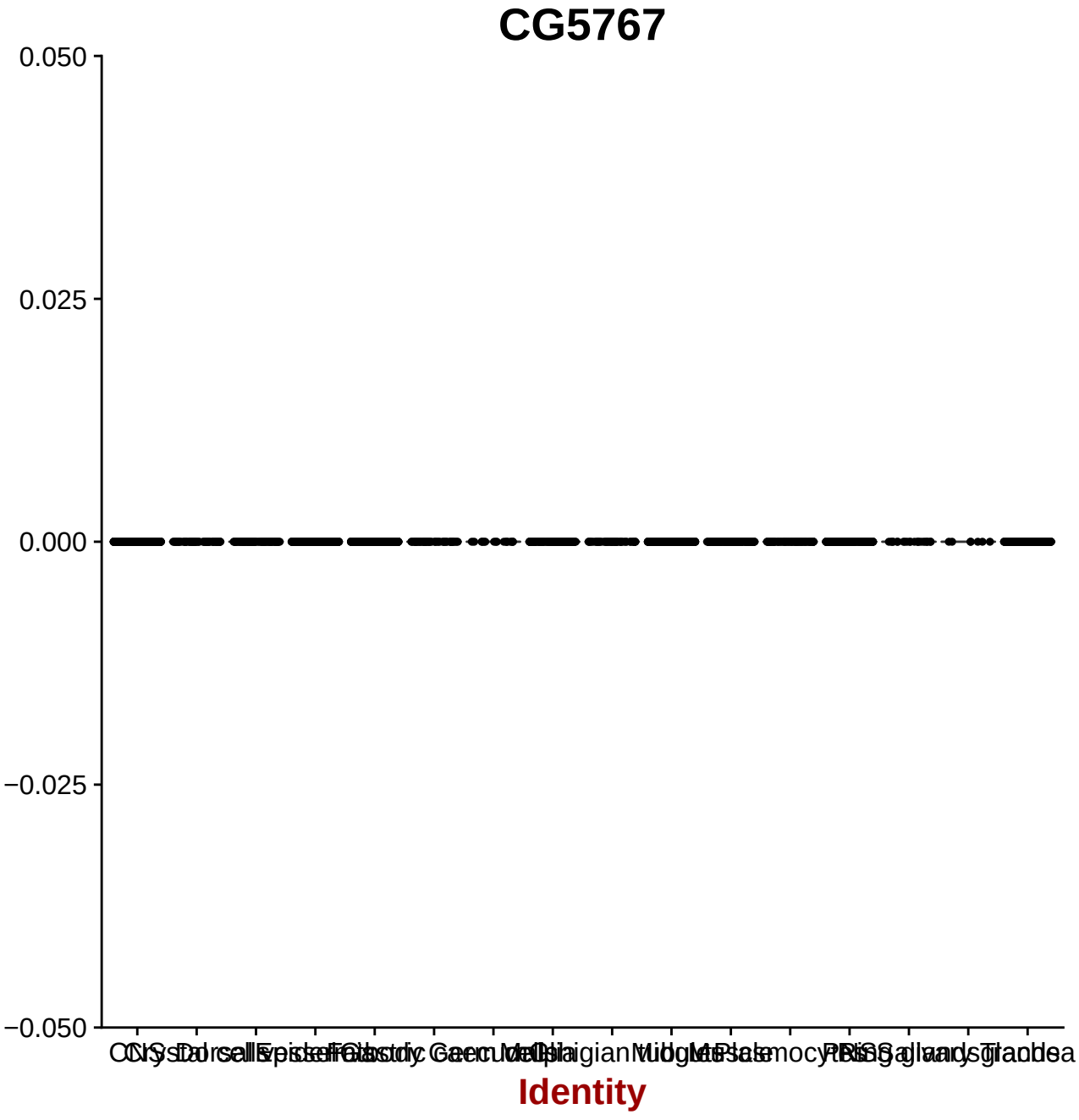
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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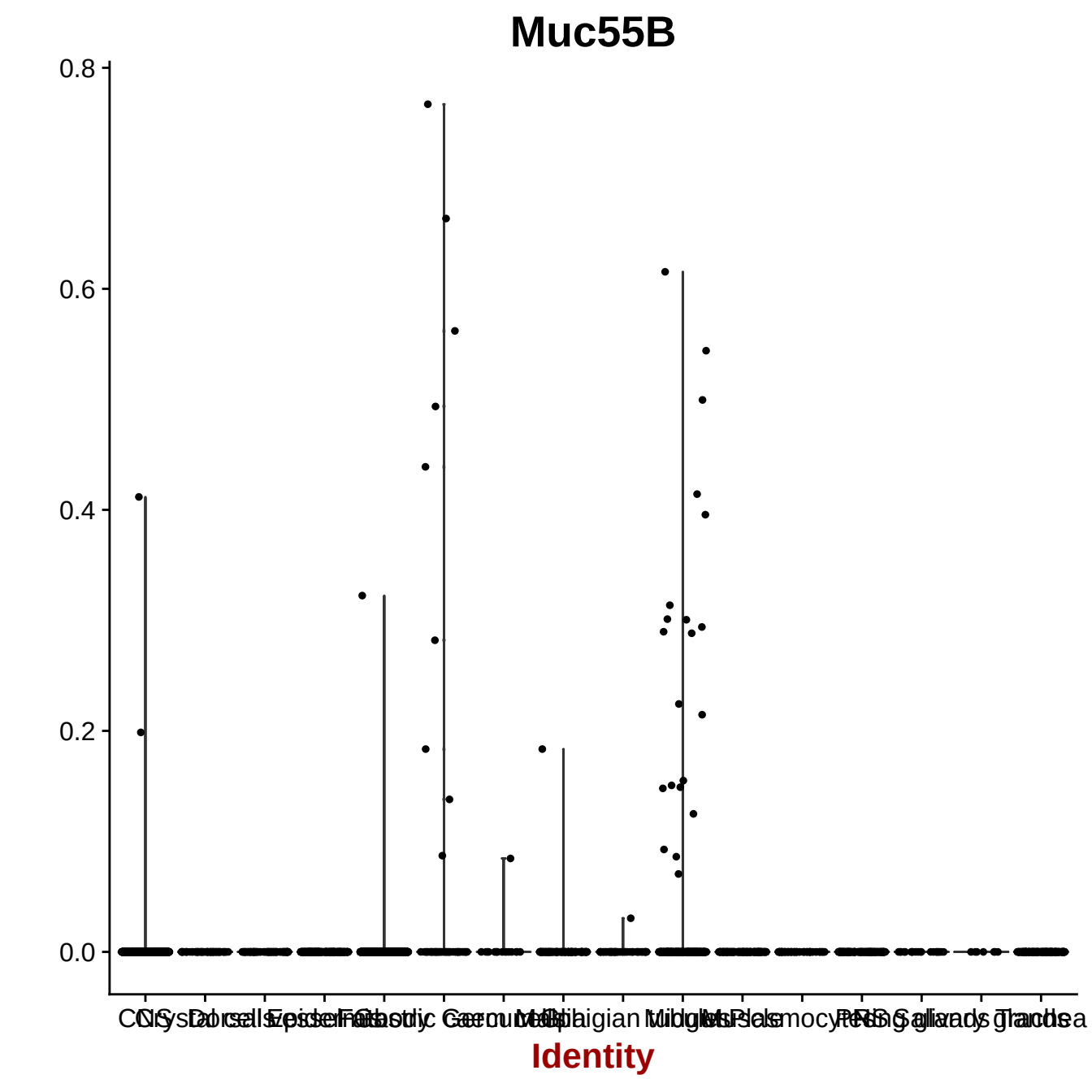
Identity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0.2
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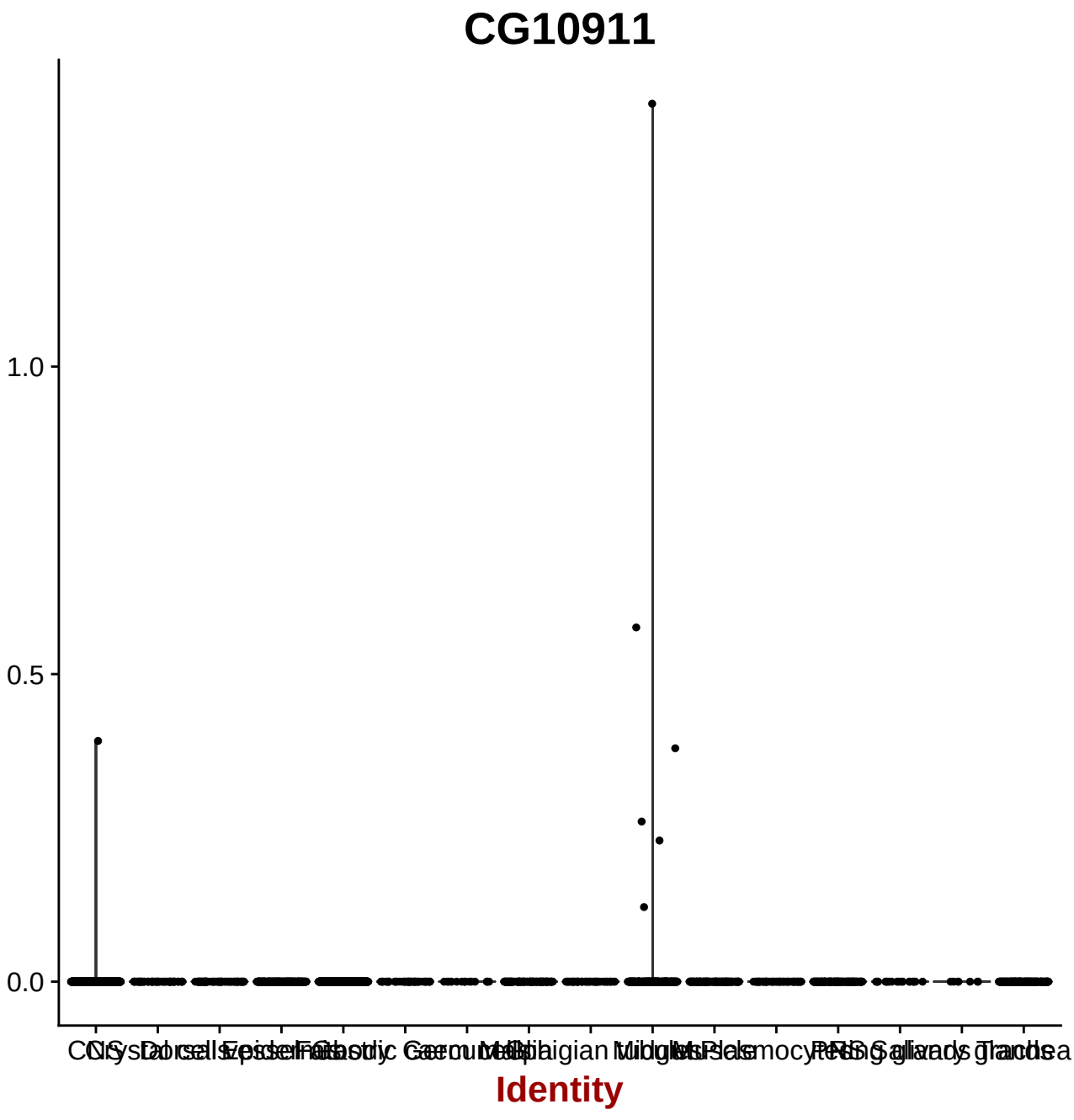
Identity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0.5
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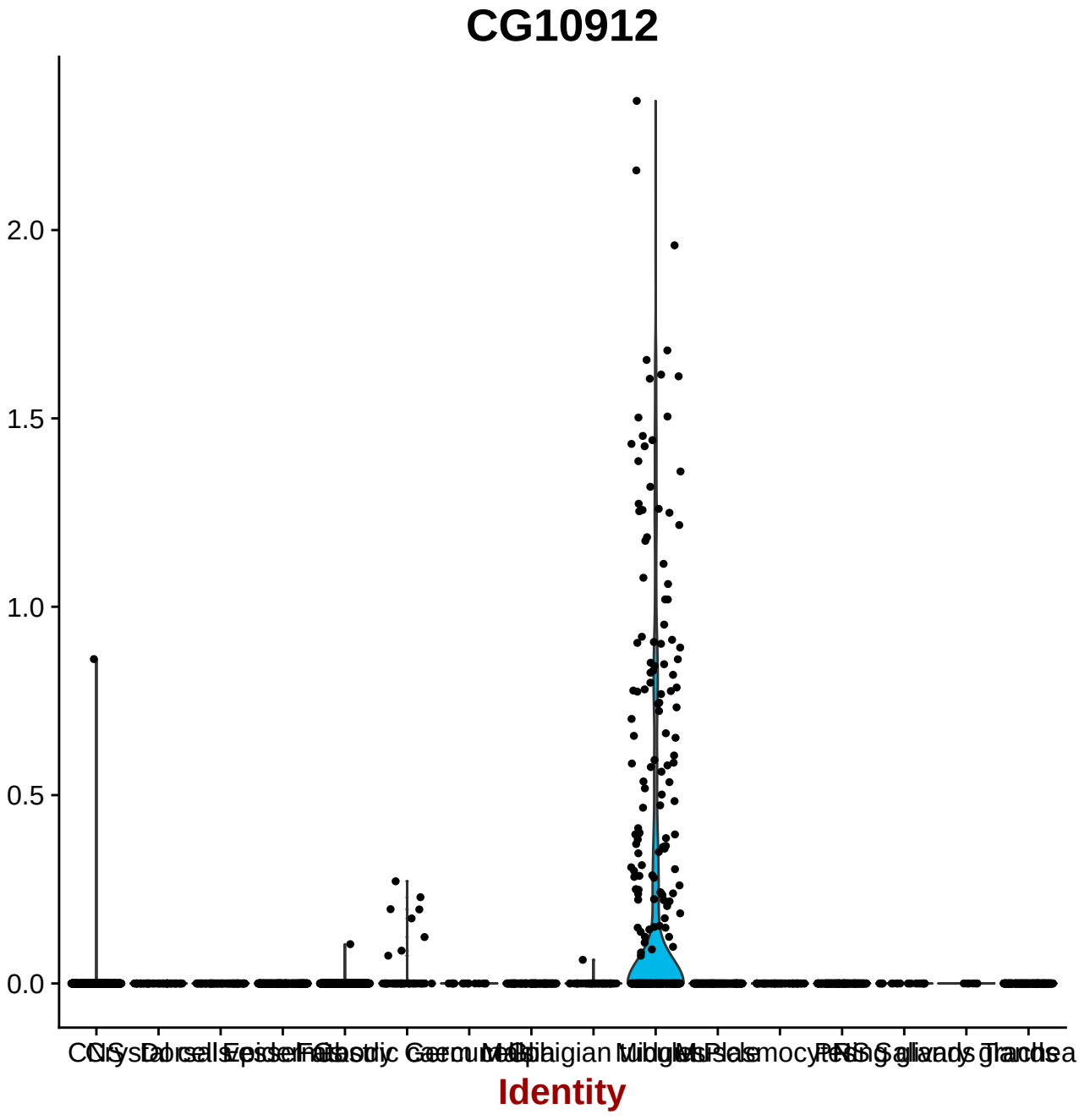
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscle
Hemocytes
PES
Salivary gland
Trachea
Identity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1.5
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0.5
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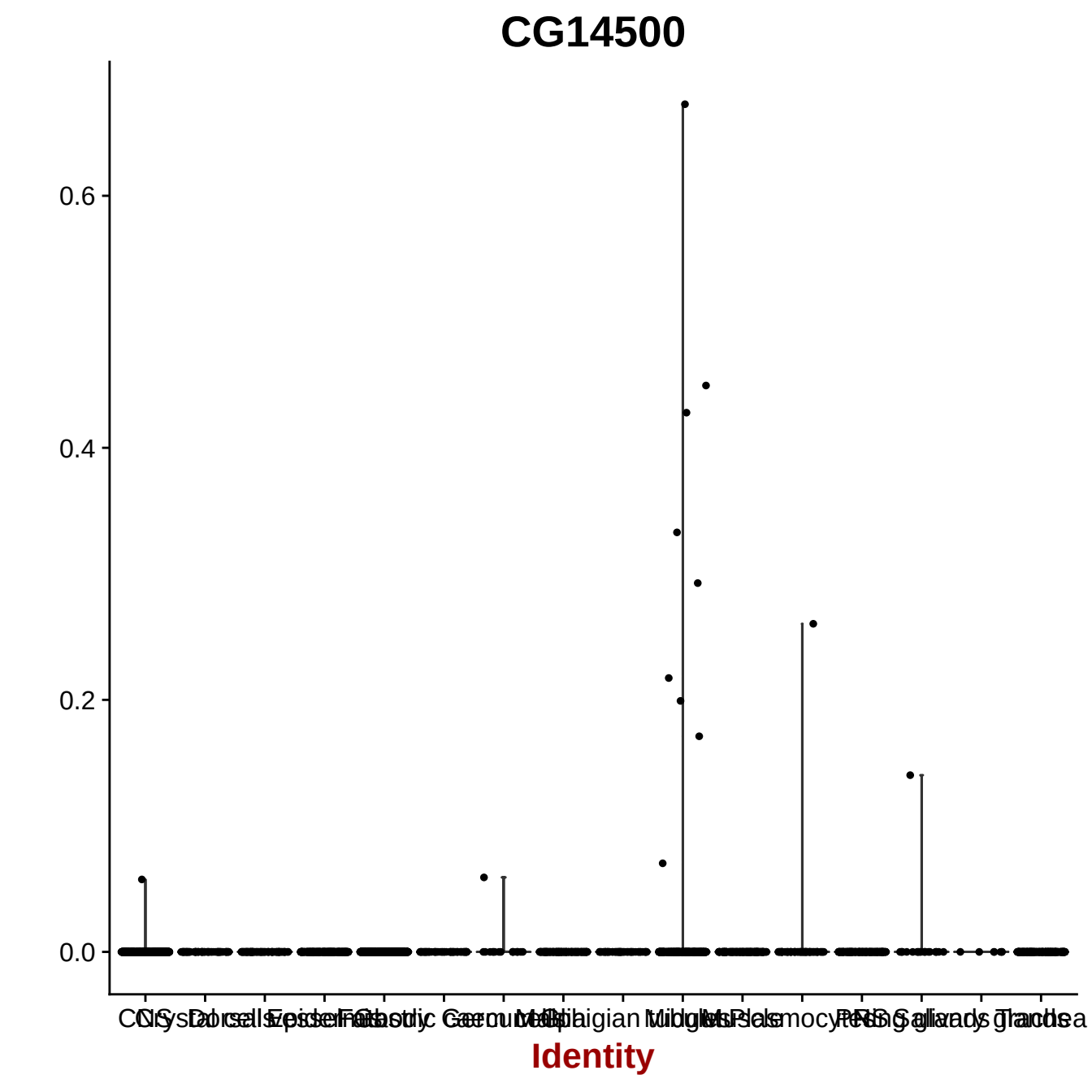
Identity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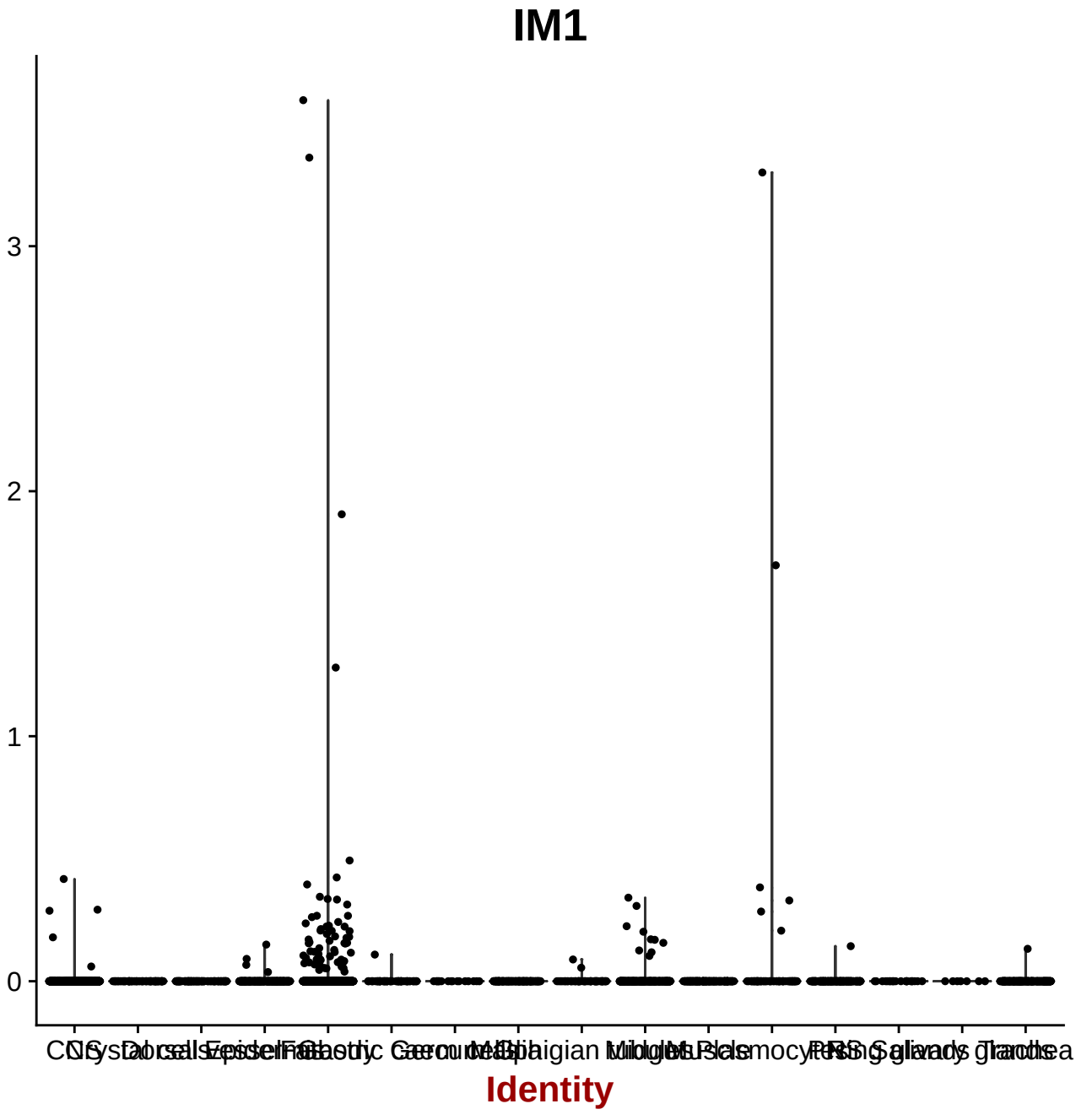
0.4
0.2
0.0
Identity


IM1
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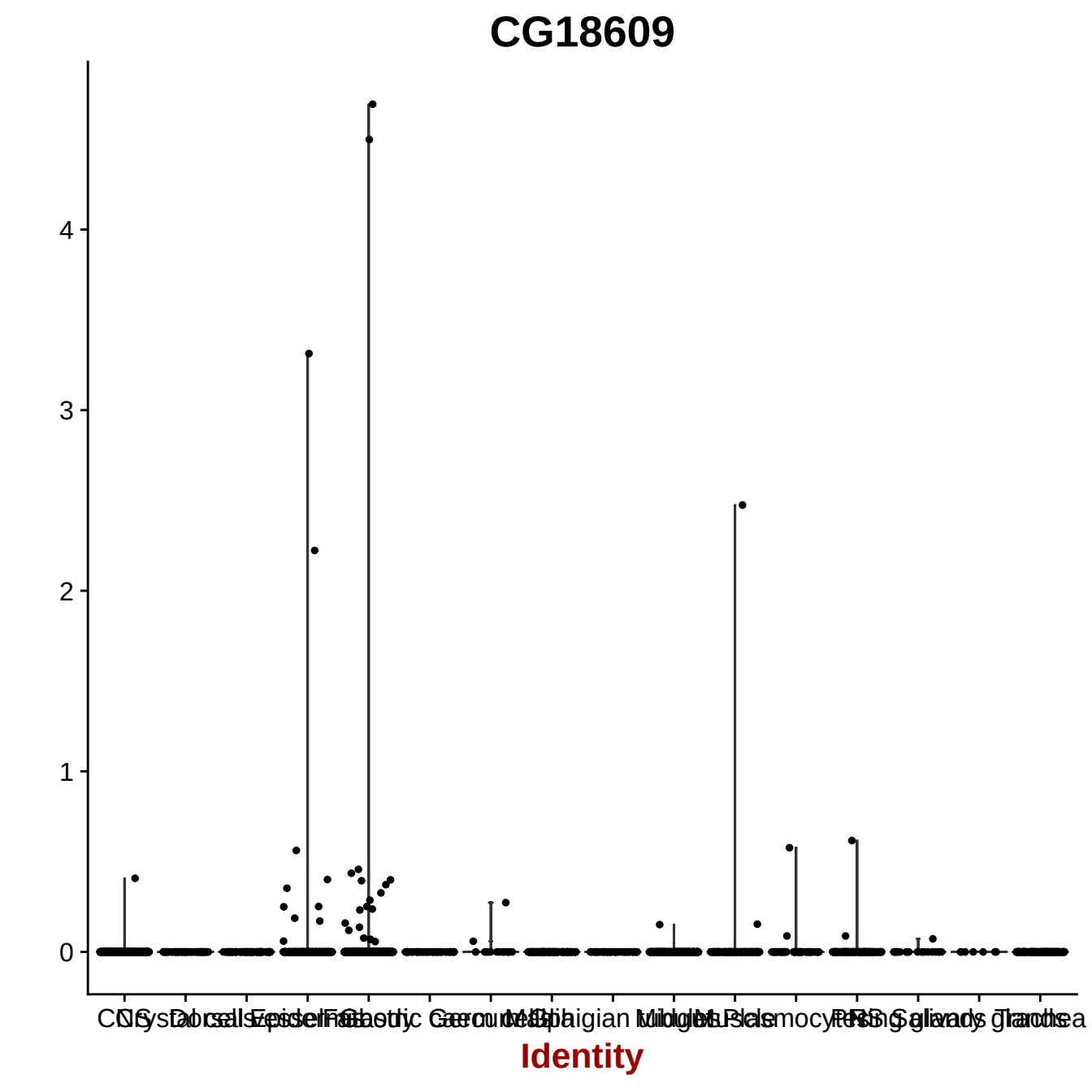
CNS
Dorsal root ganglion
Vessel
Enteric
Gastric
Caecum
Epithelial
Pancreatic
Mammary gland
Muscle
Lymphocyte
PBS
Salivary gland
Trachea
Identity


CG18609
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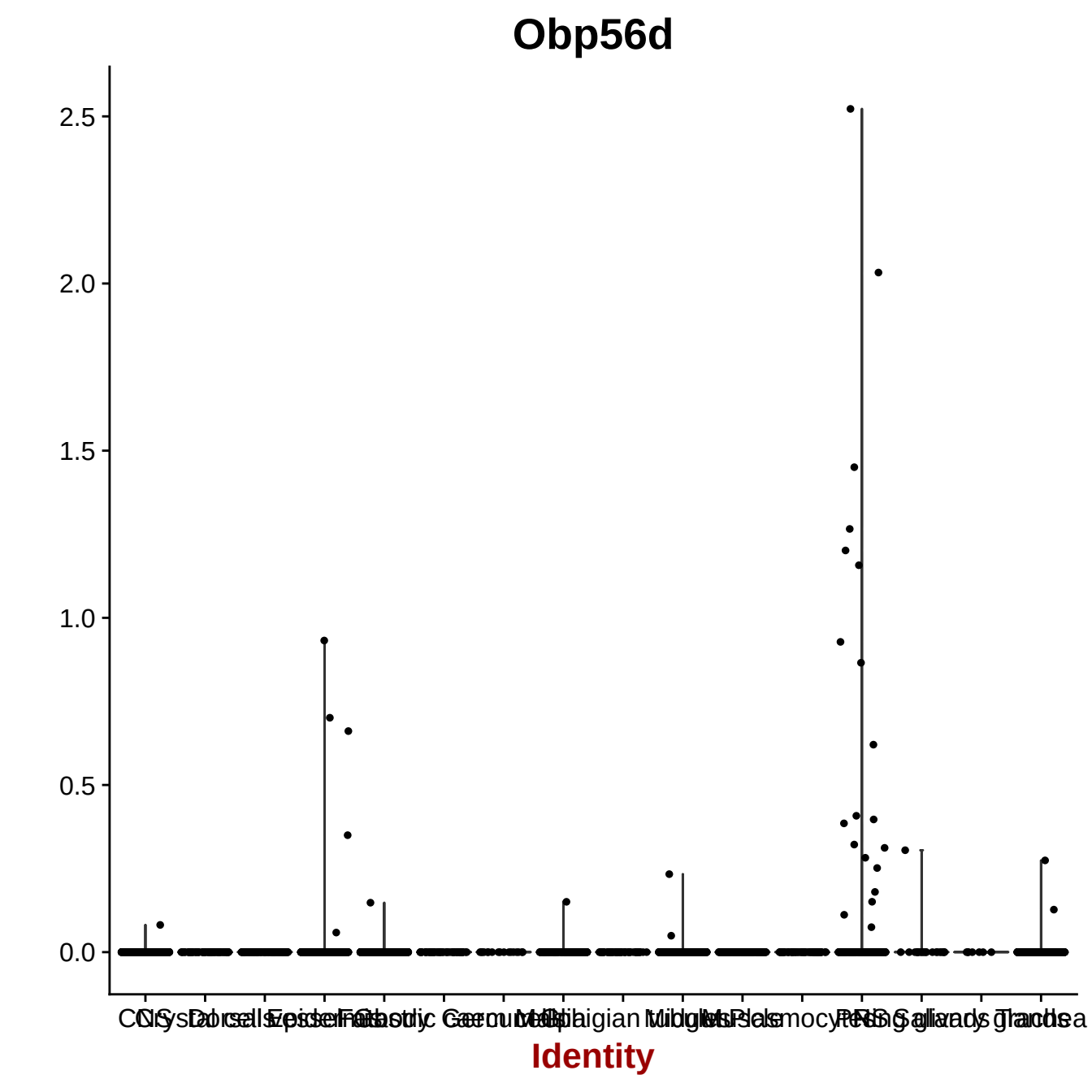
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


Obp56d
2.5
2.0
1.5
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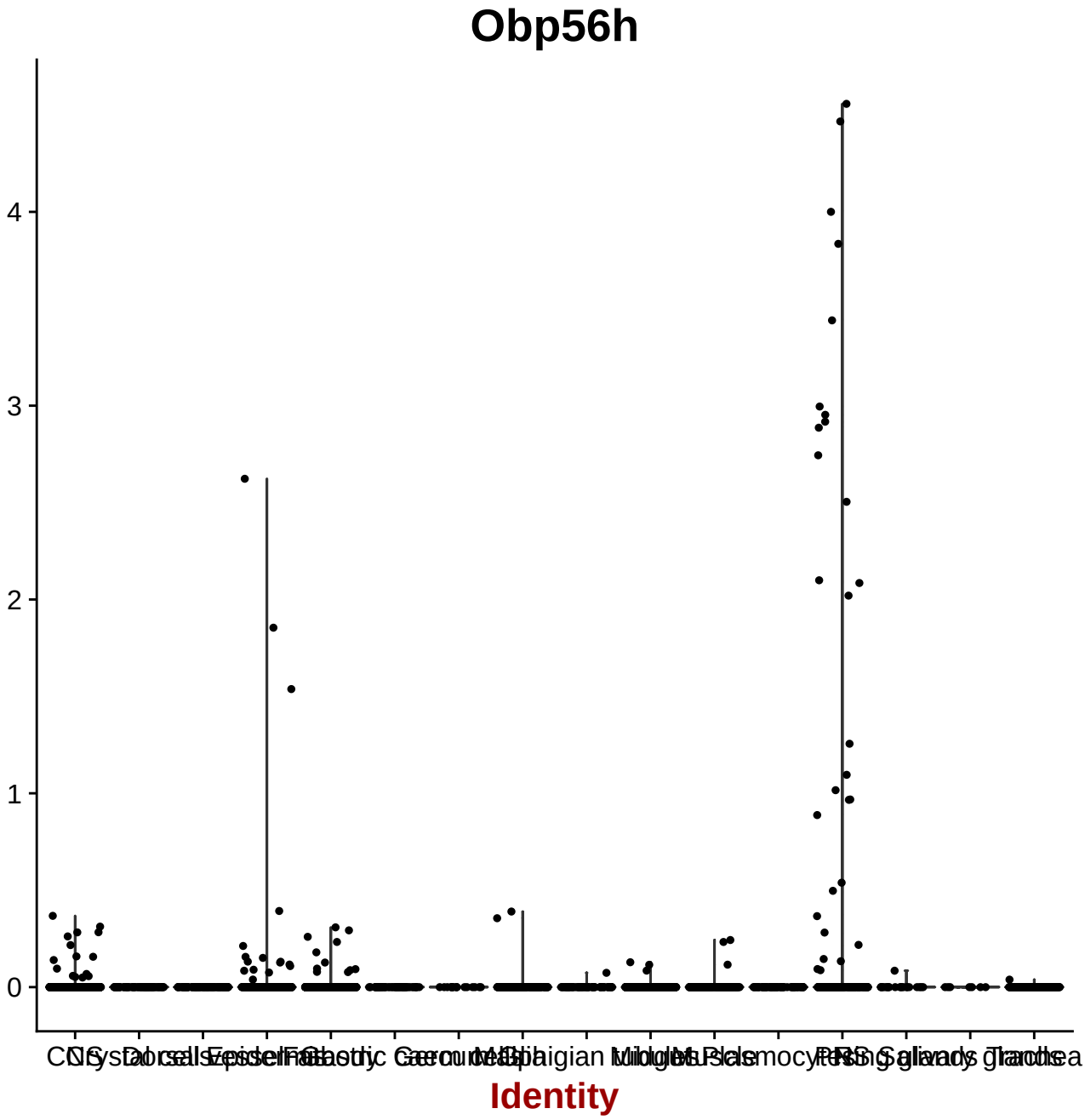
Identity


Obp56h
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3
2
1
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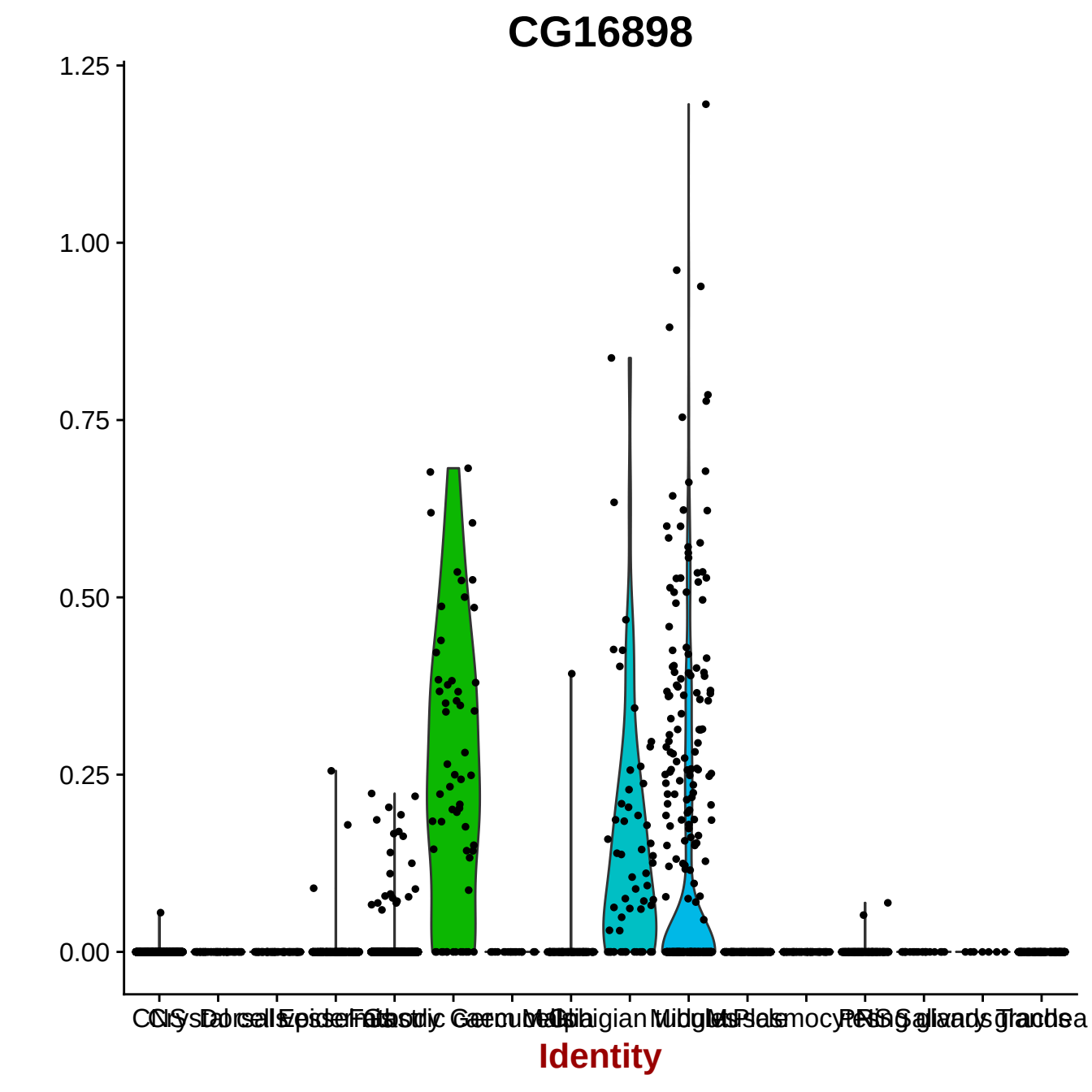
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG16898
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0.25
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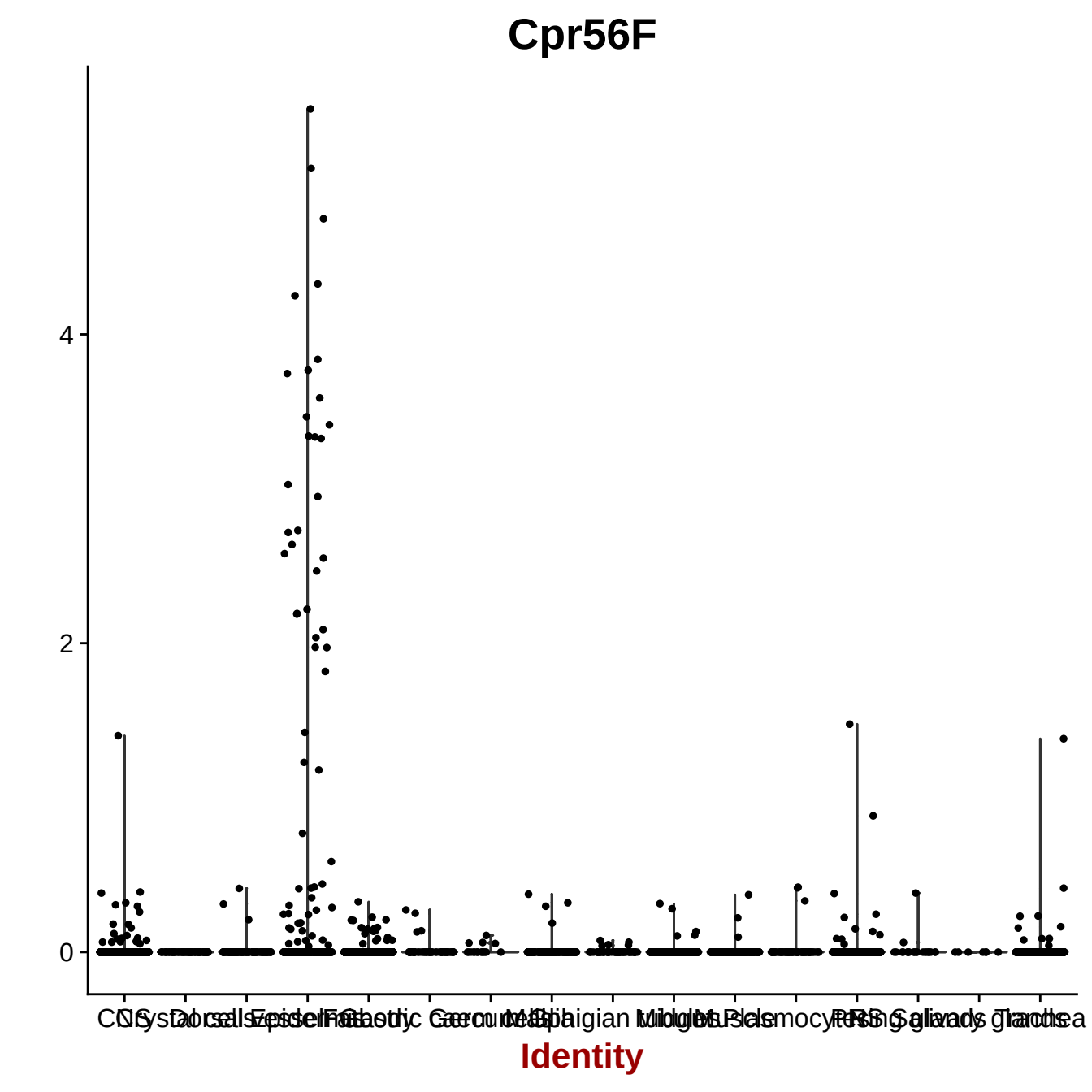
Identity


Cpr56F
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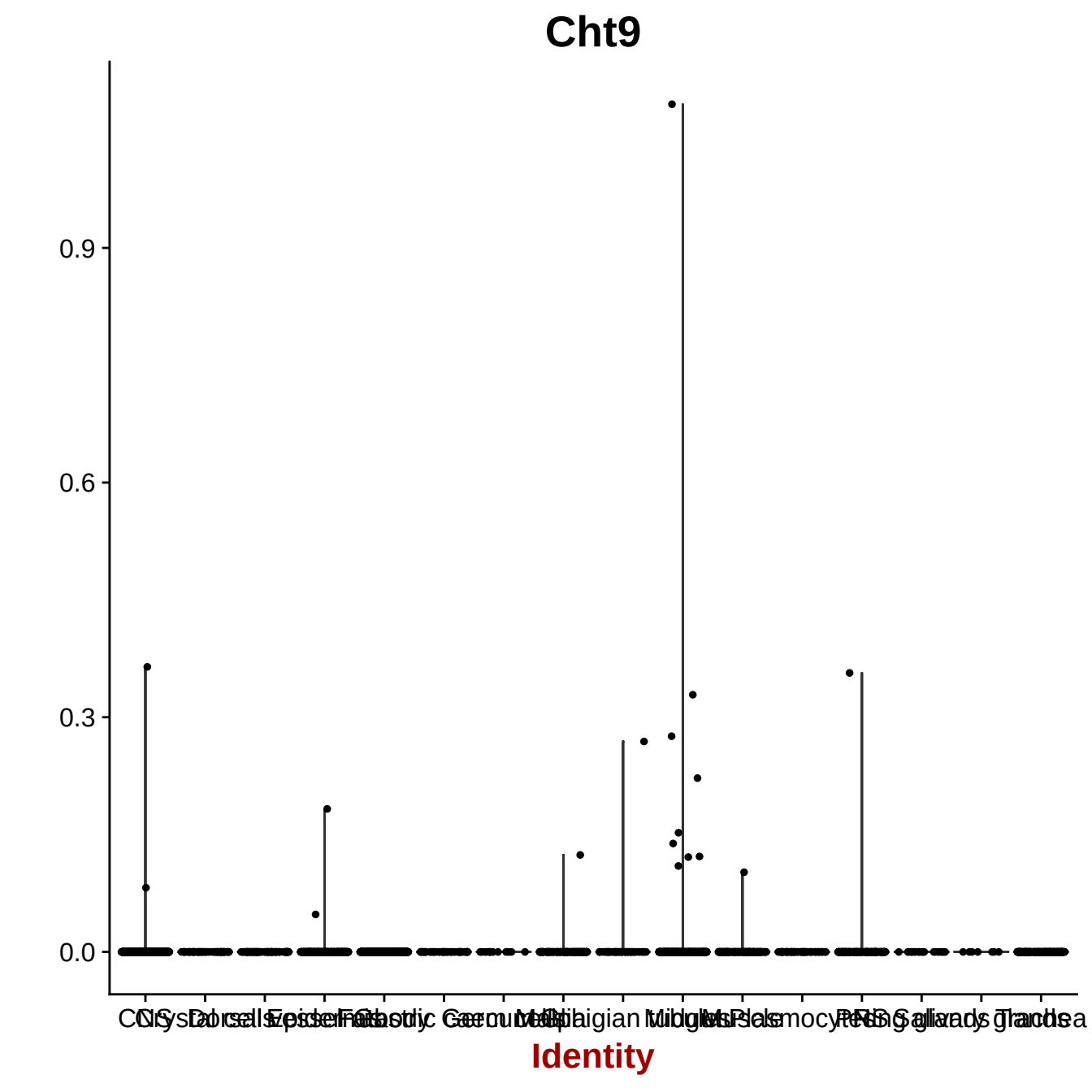
CNS
Crystal cells
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Muscles
Oenocytes
PRS
Salivary gland
Trachea
Identity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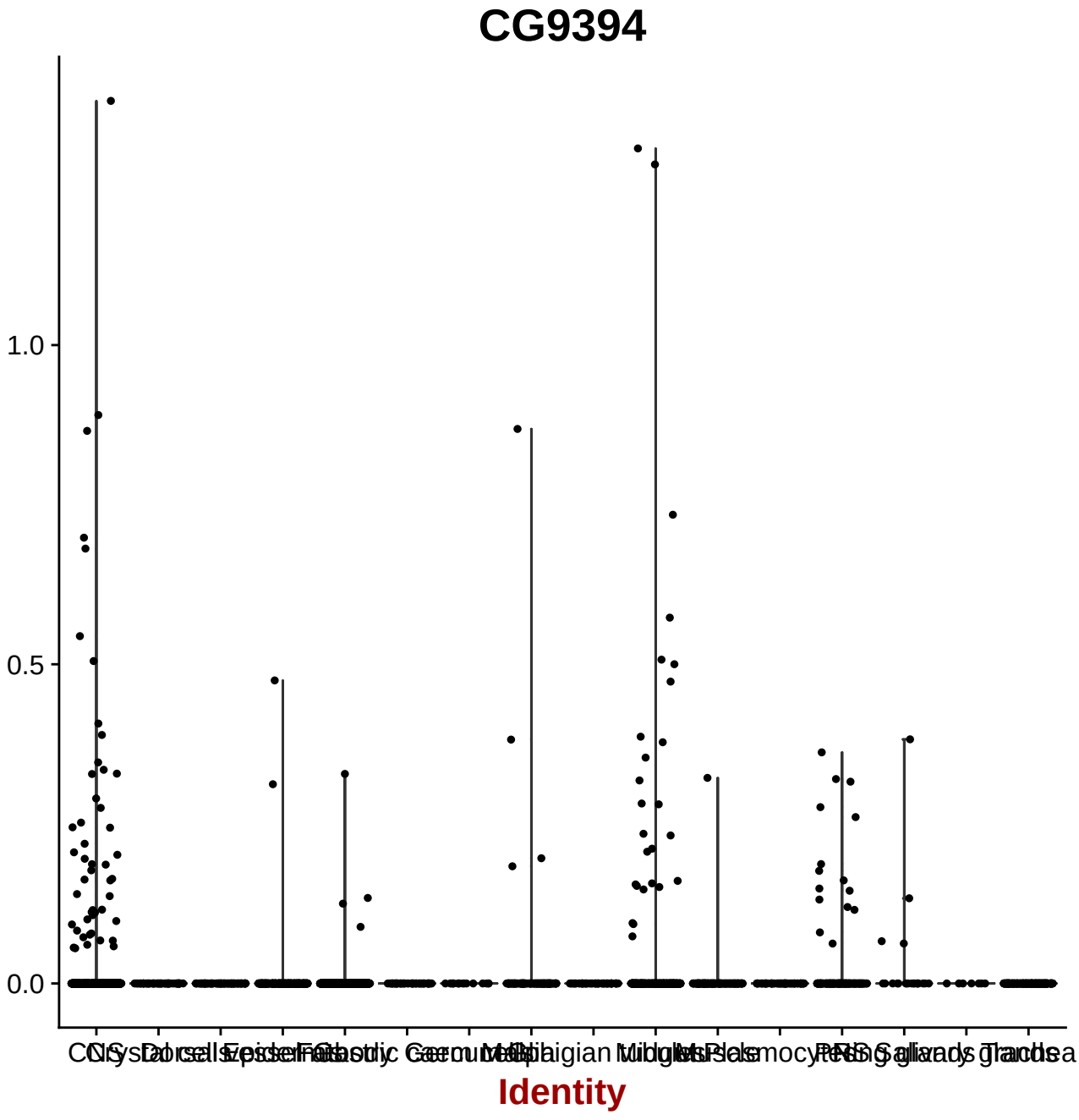
Identity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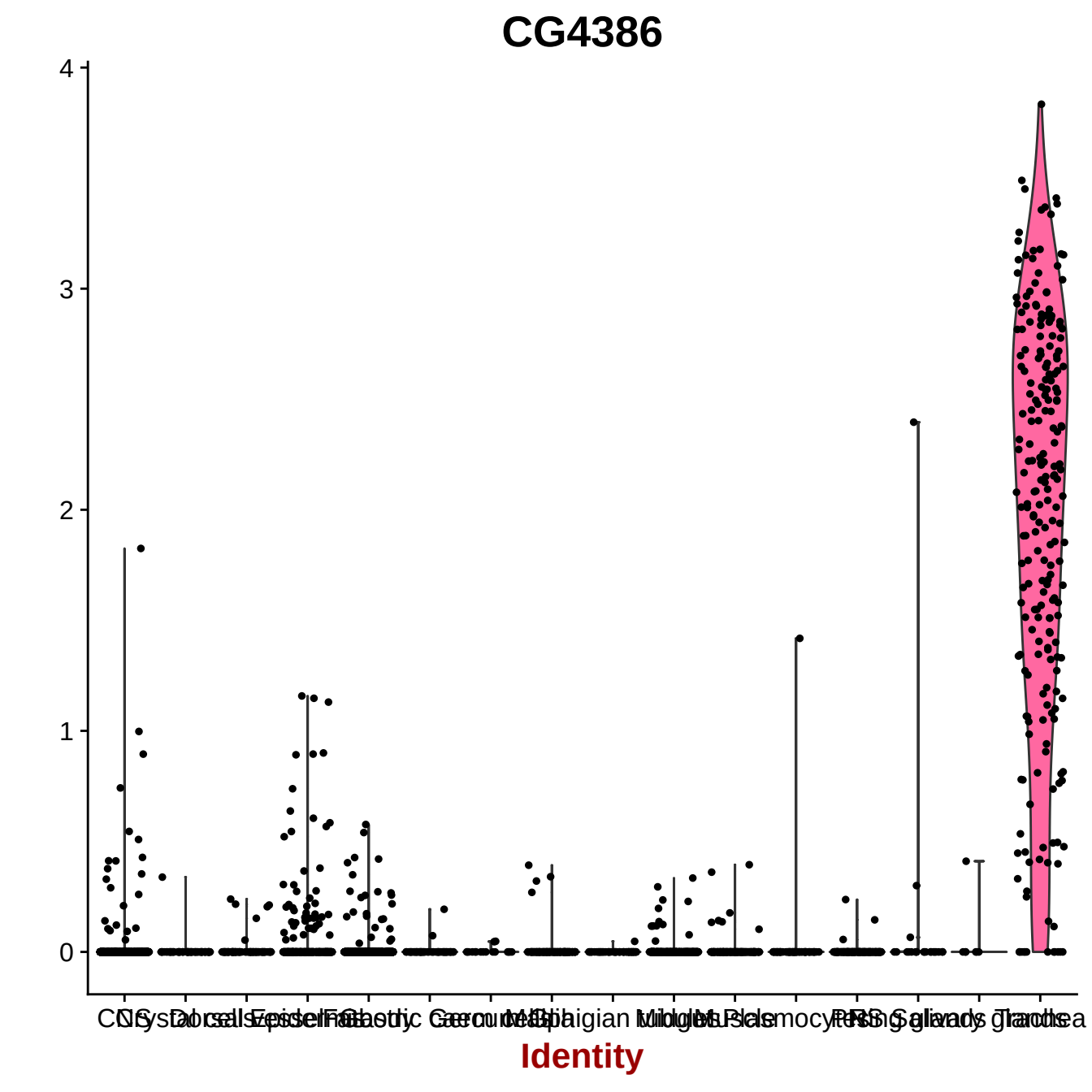
CG4386
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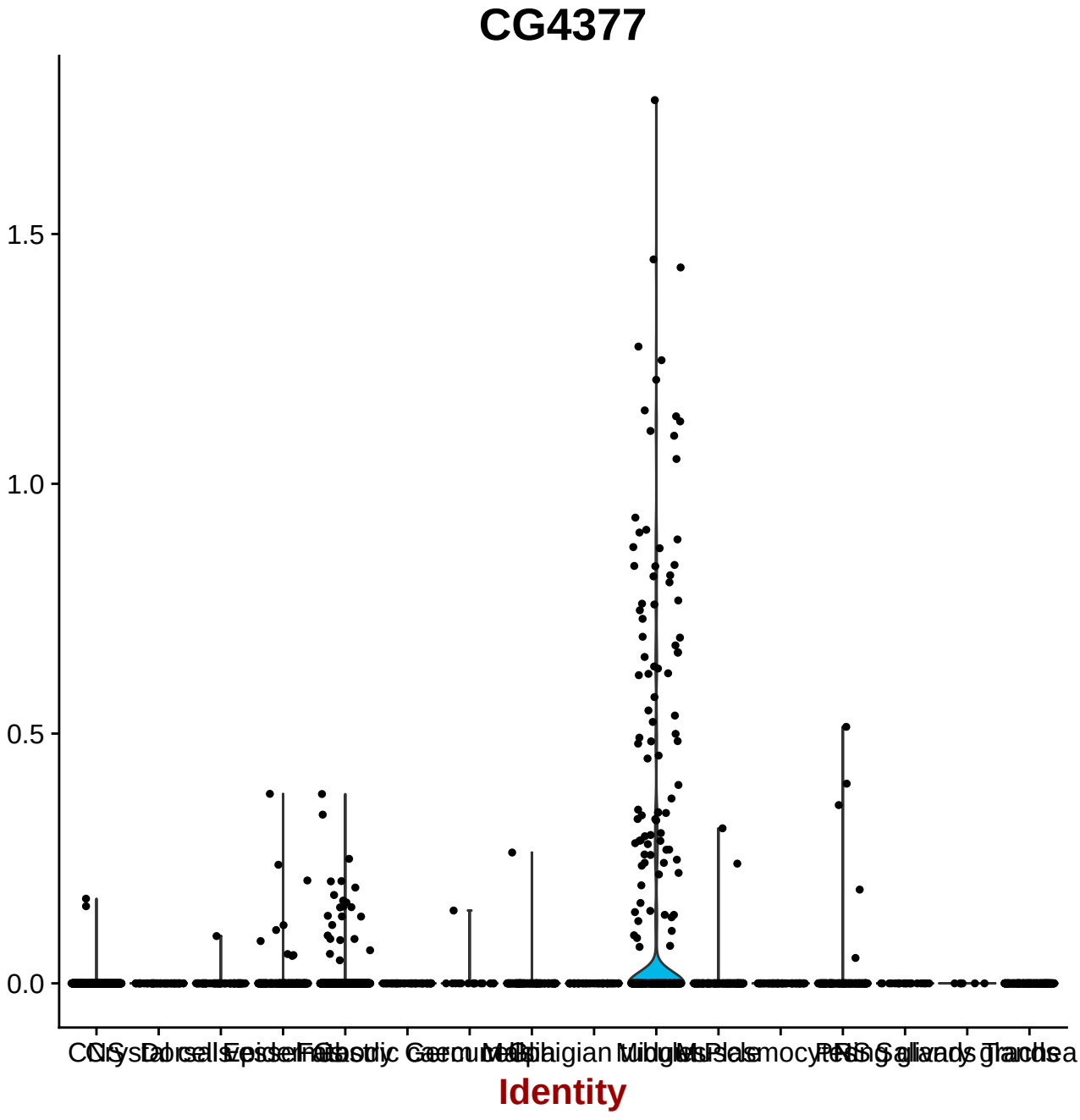
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity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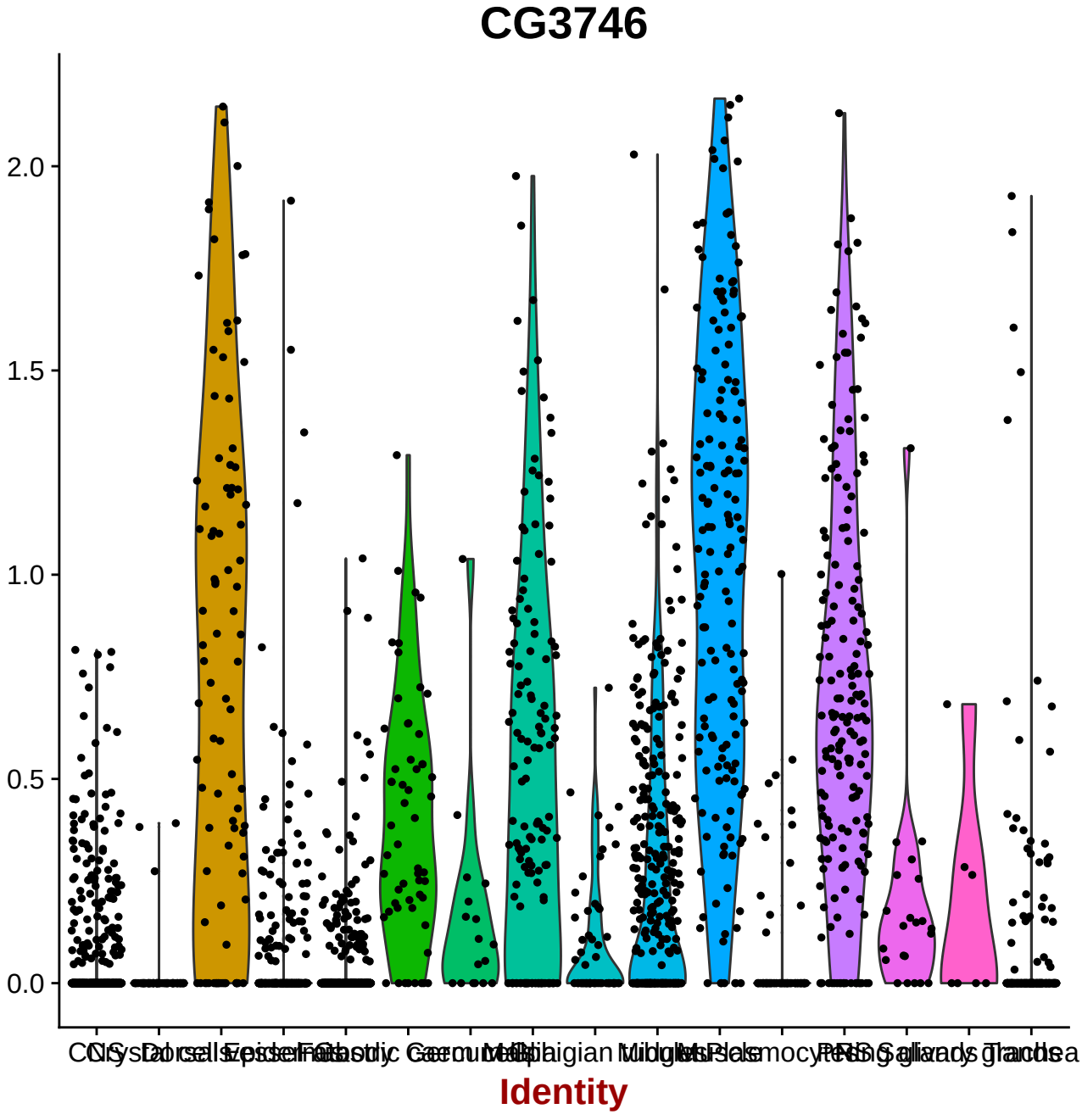
CG3746
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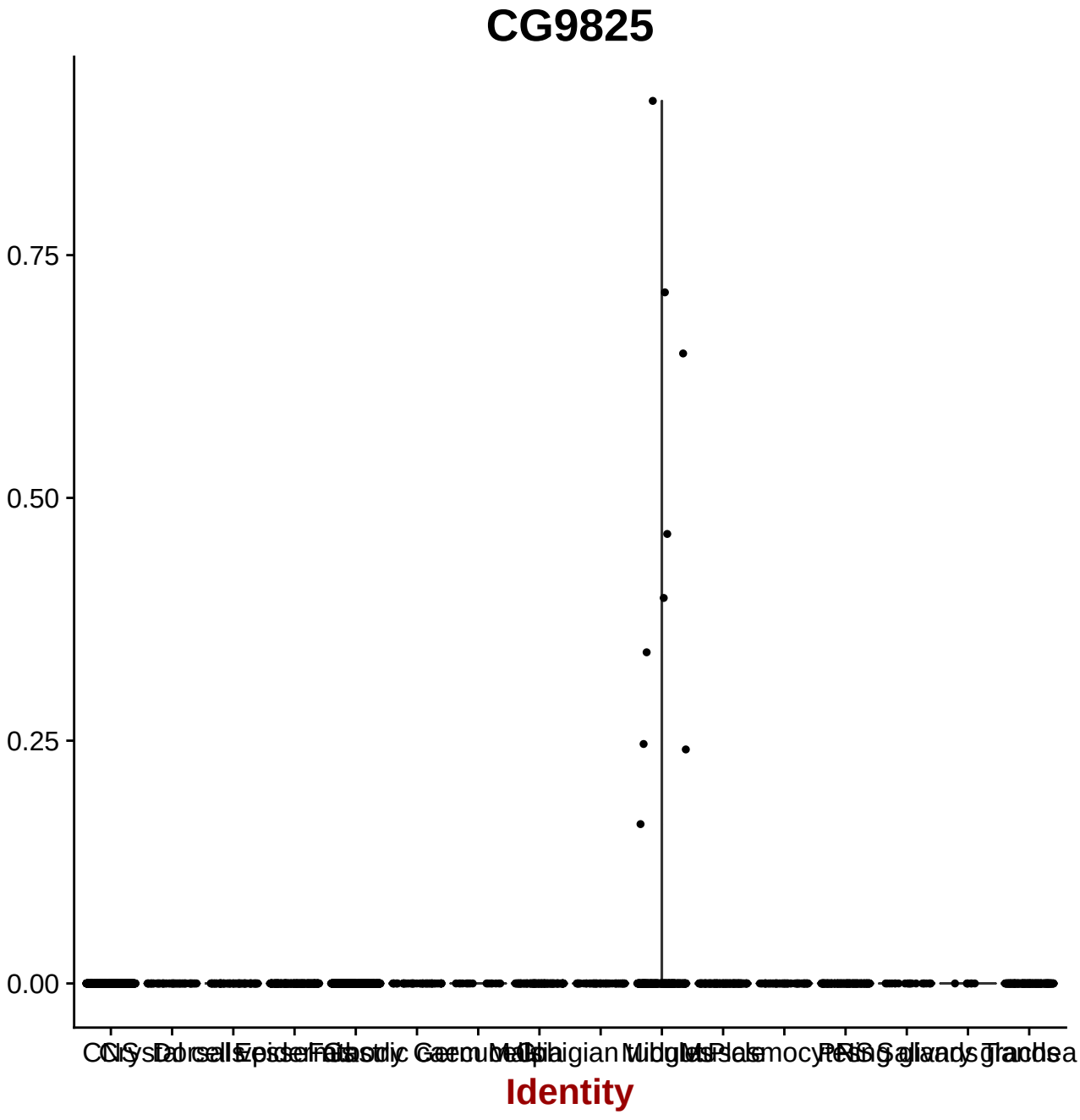
1.0
0.5
0.0
Identity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0.25
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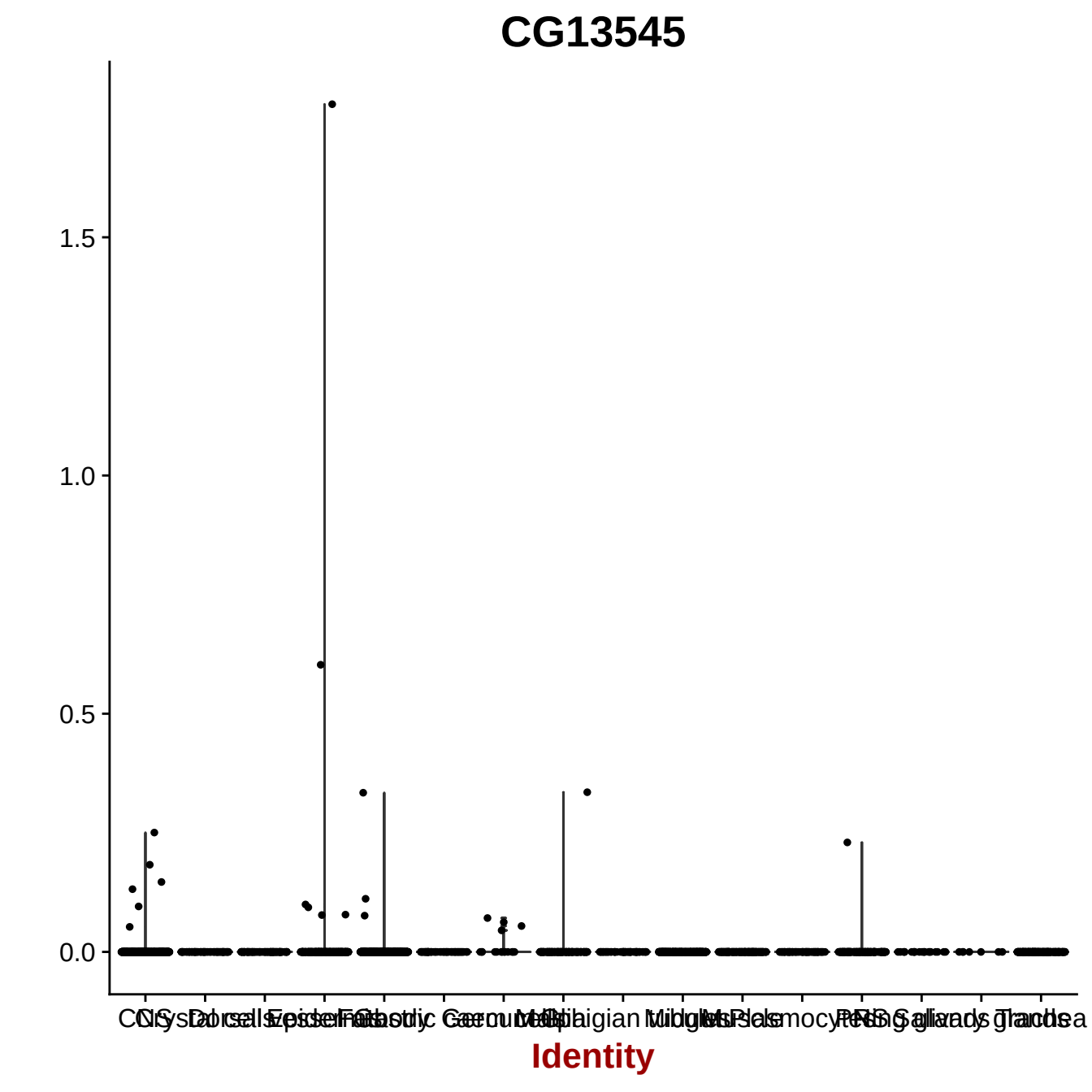
Identity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0.5
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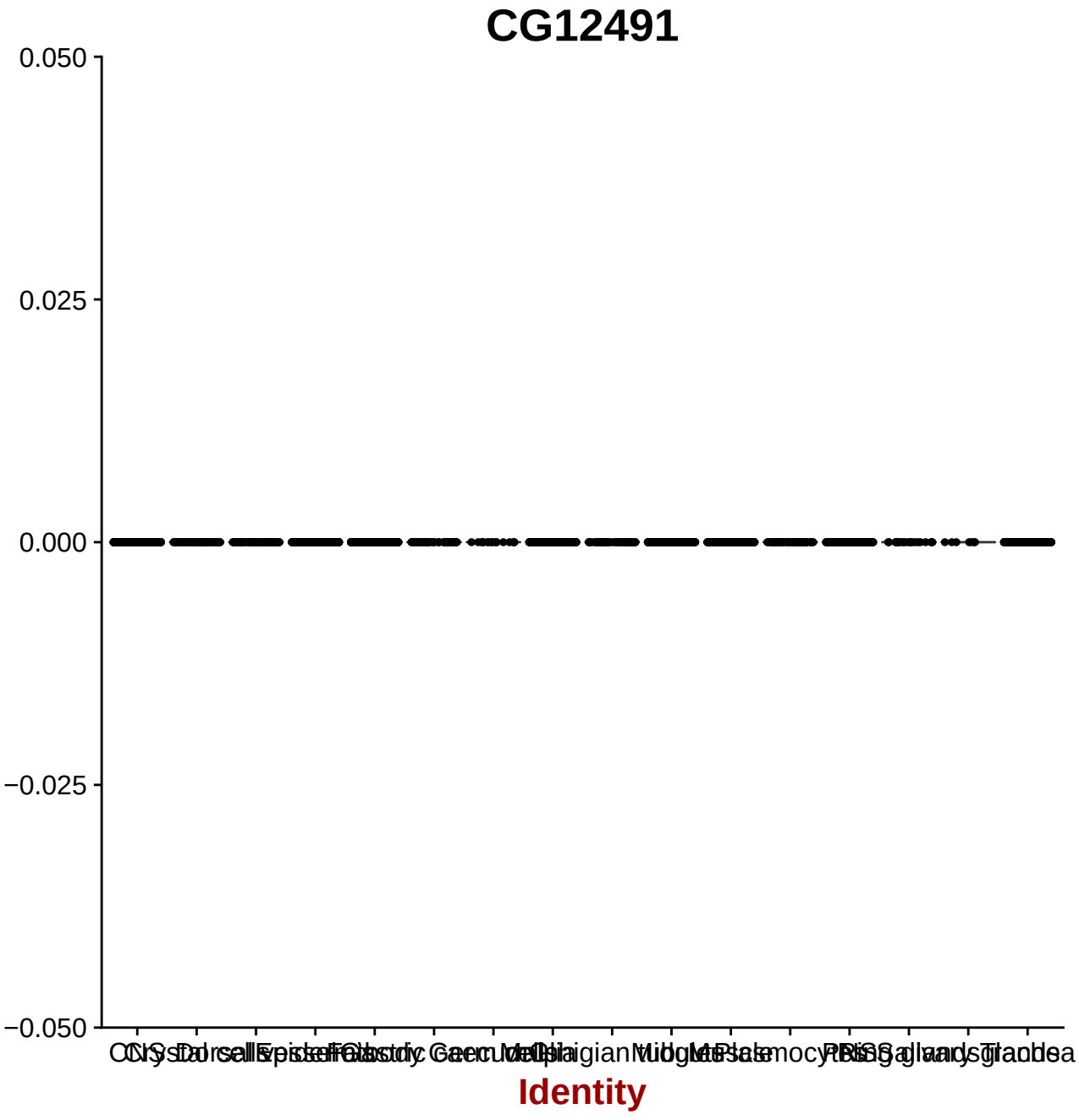
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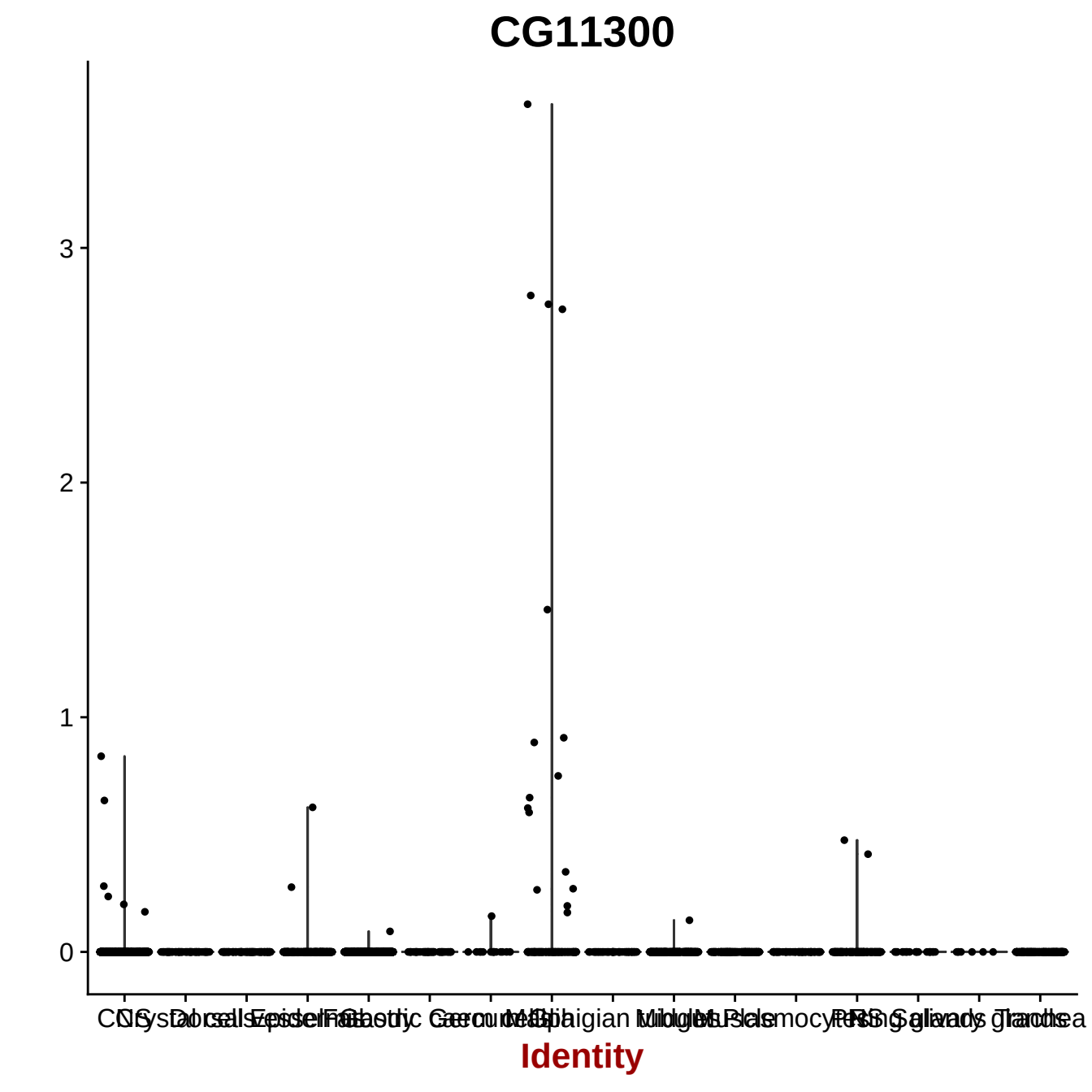
Identity


CG11300
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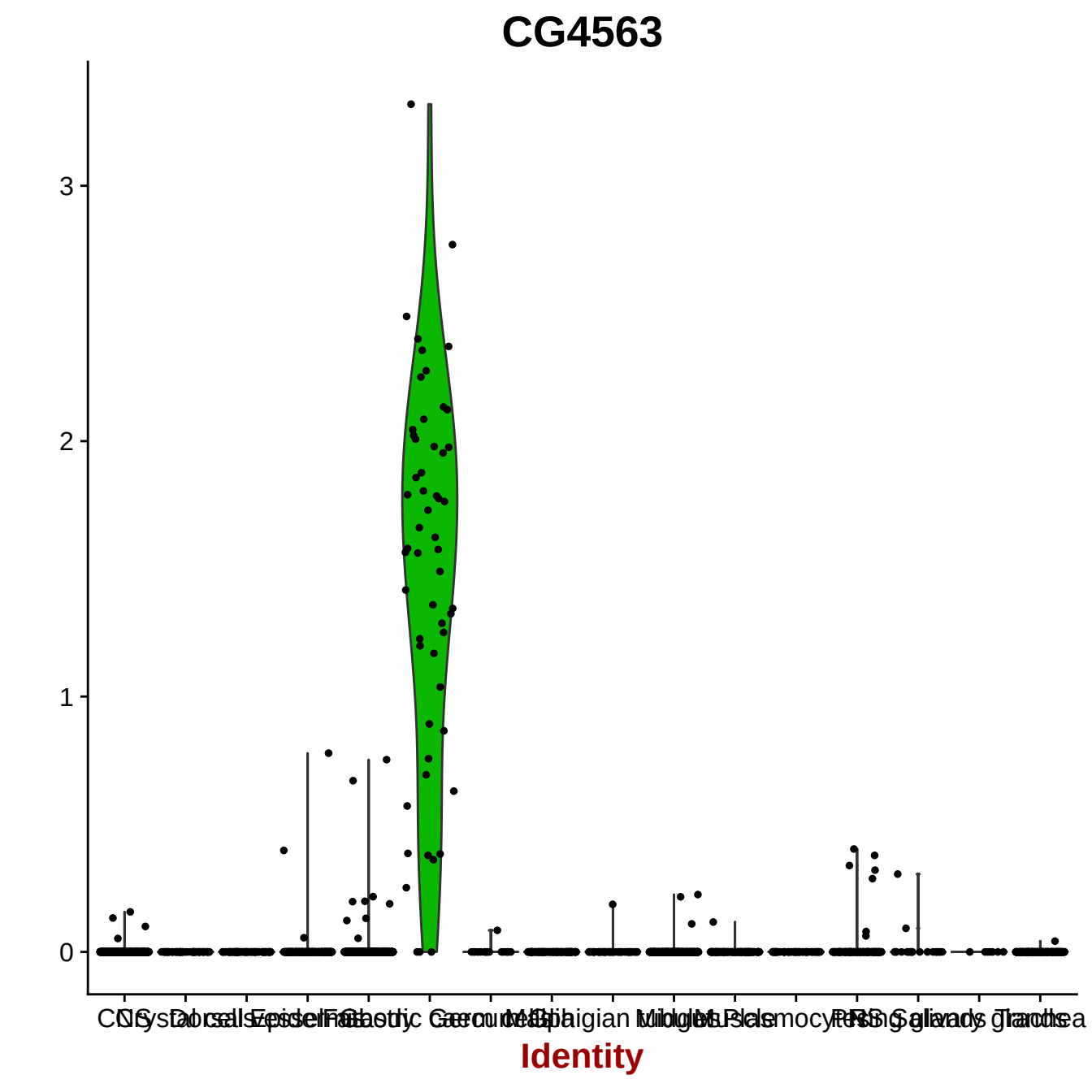
CNS
Dorsal Epidermis
Gastric Caecum
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG4563
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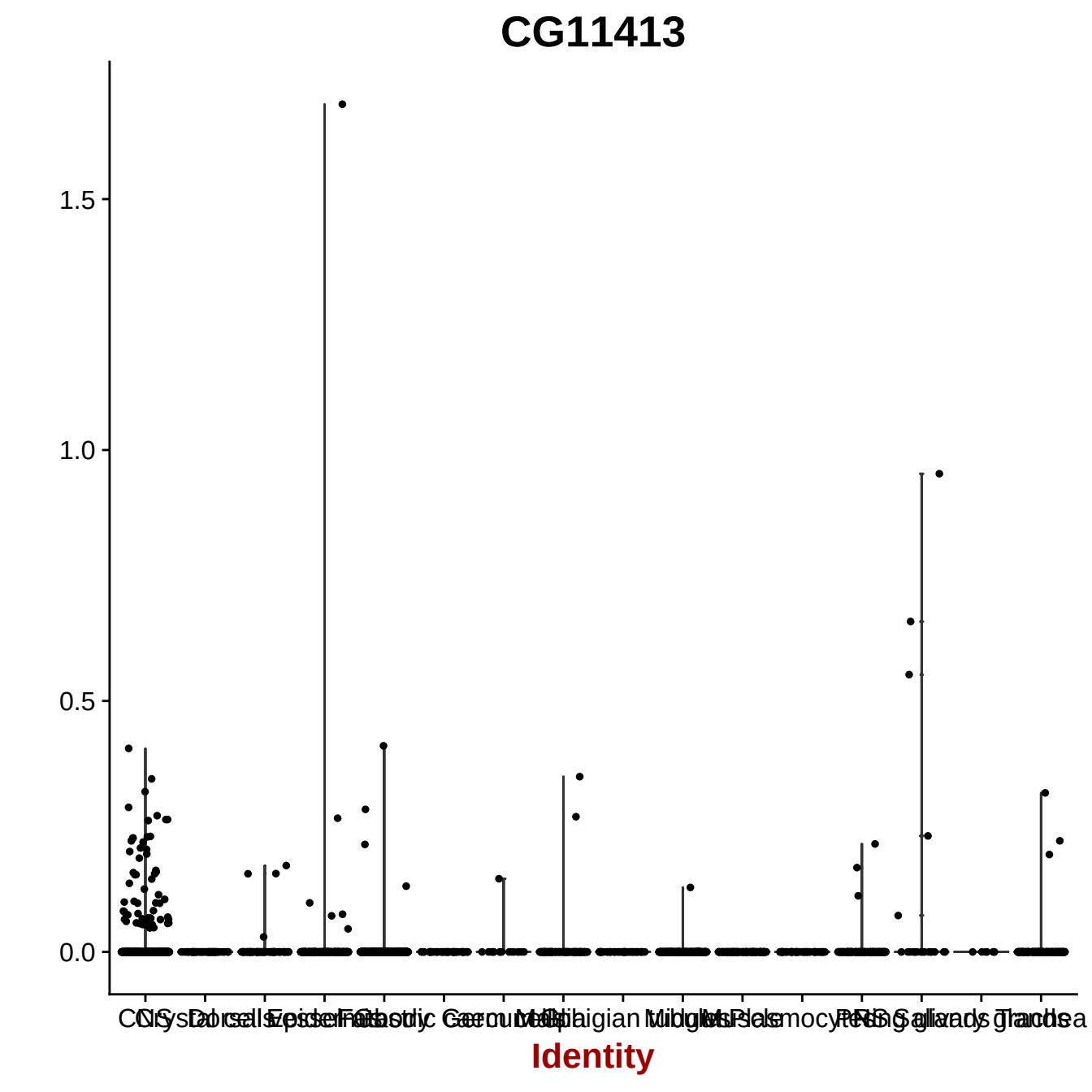
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG11413
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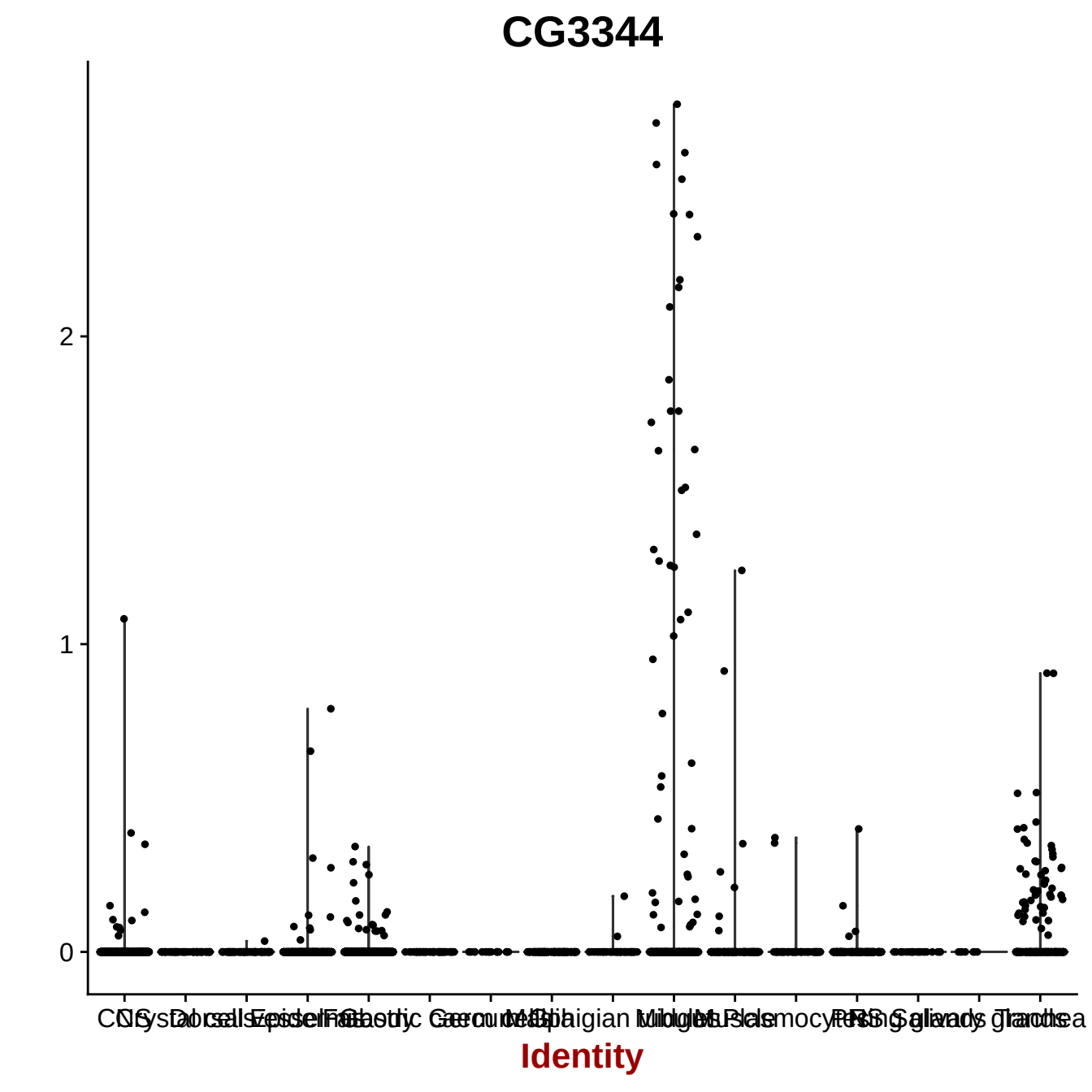
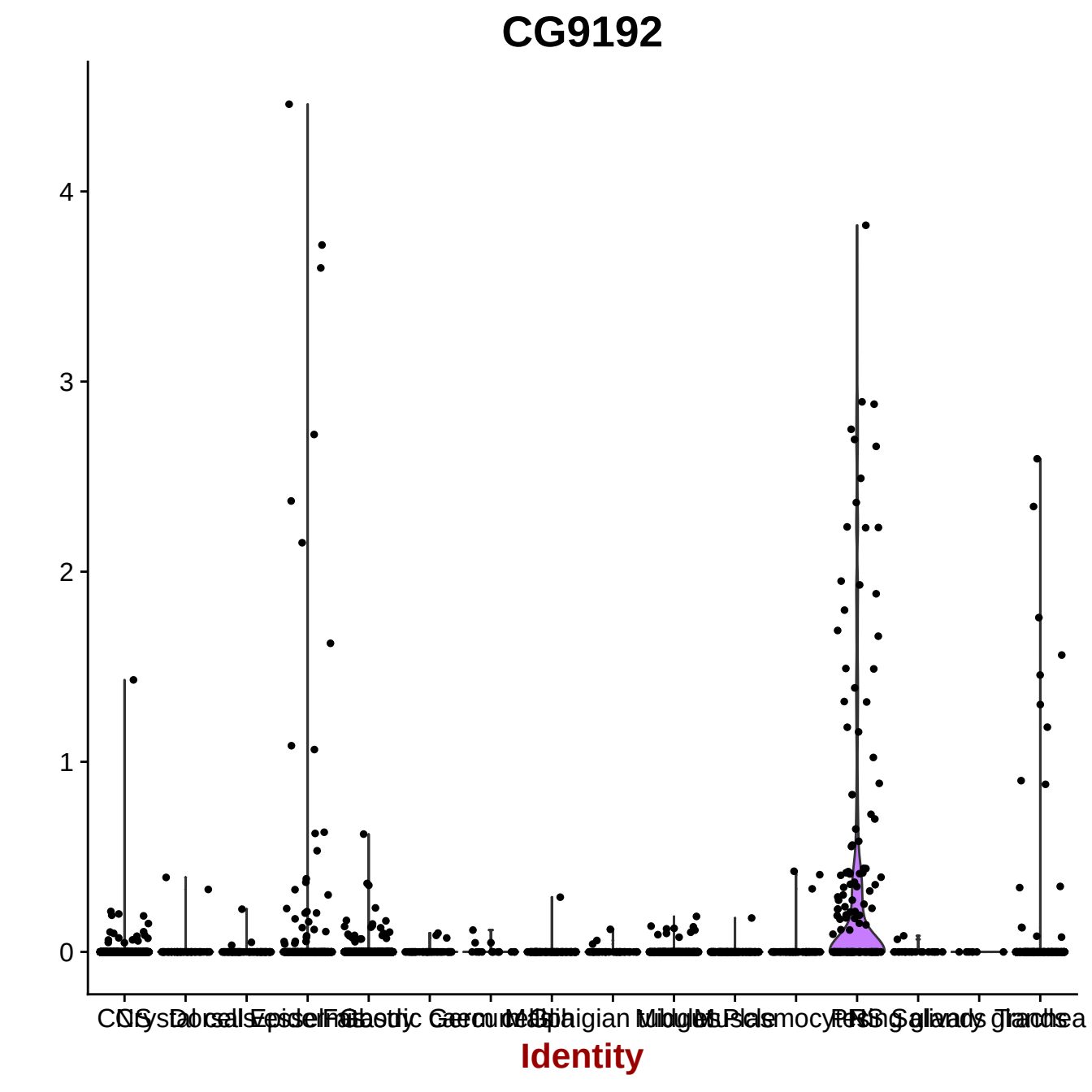
0.0
CNS
Dorsal epidermis
Esophagus
Fat body
Gastric caecum
Malpighian tubules
Muscle
Oenocytes
PES
Salivary gland
Trachea
Identity


CG3344
2
1
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Germ cells
Hindgut
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG9192
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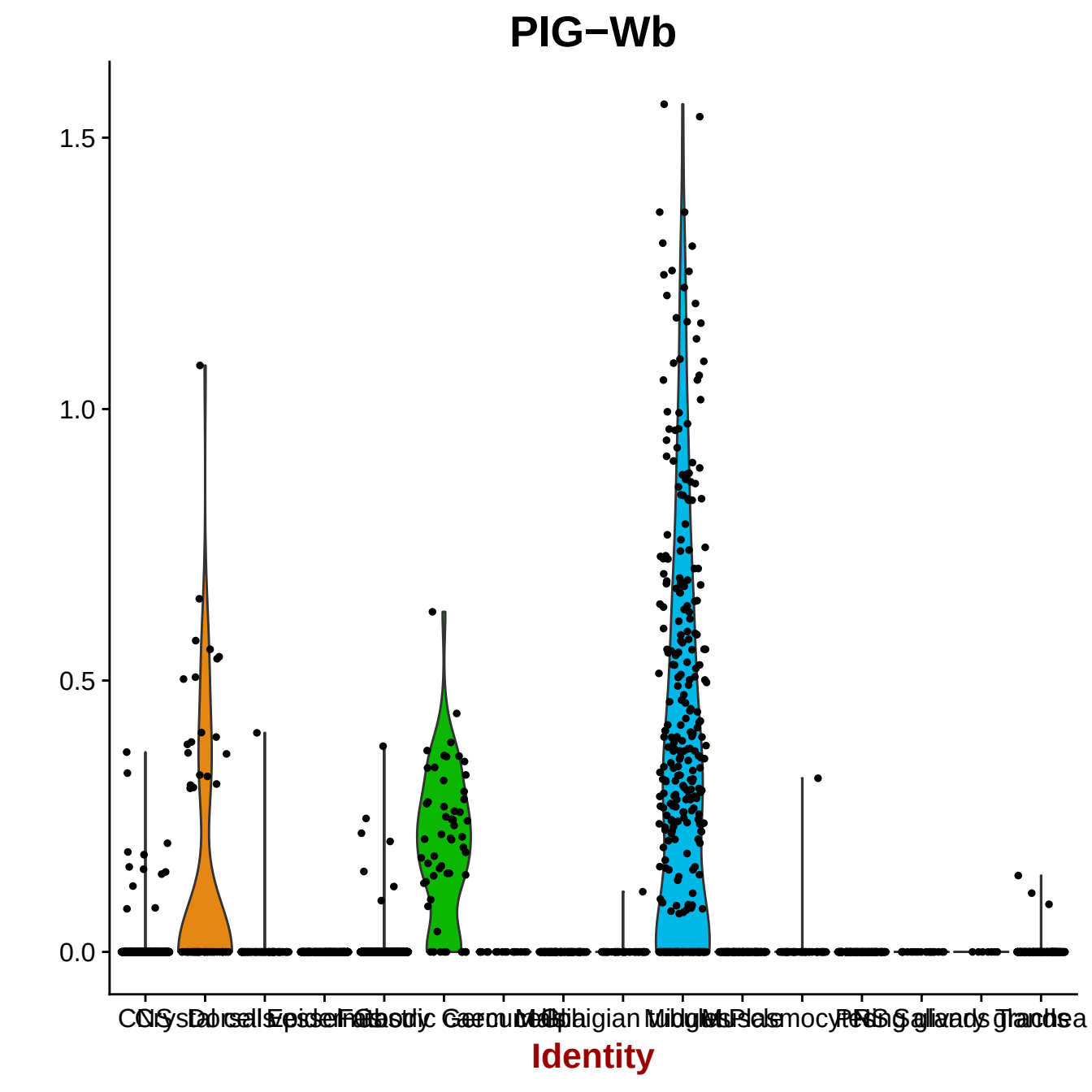
3
2
1
0
CNS
Dorsal Epidermis
Elastic Caecum
Malpighian tubules
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


PIG−Wb
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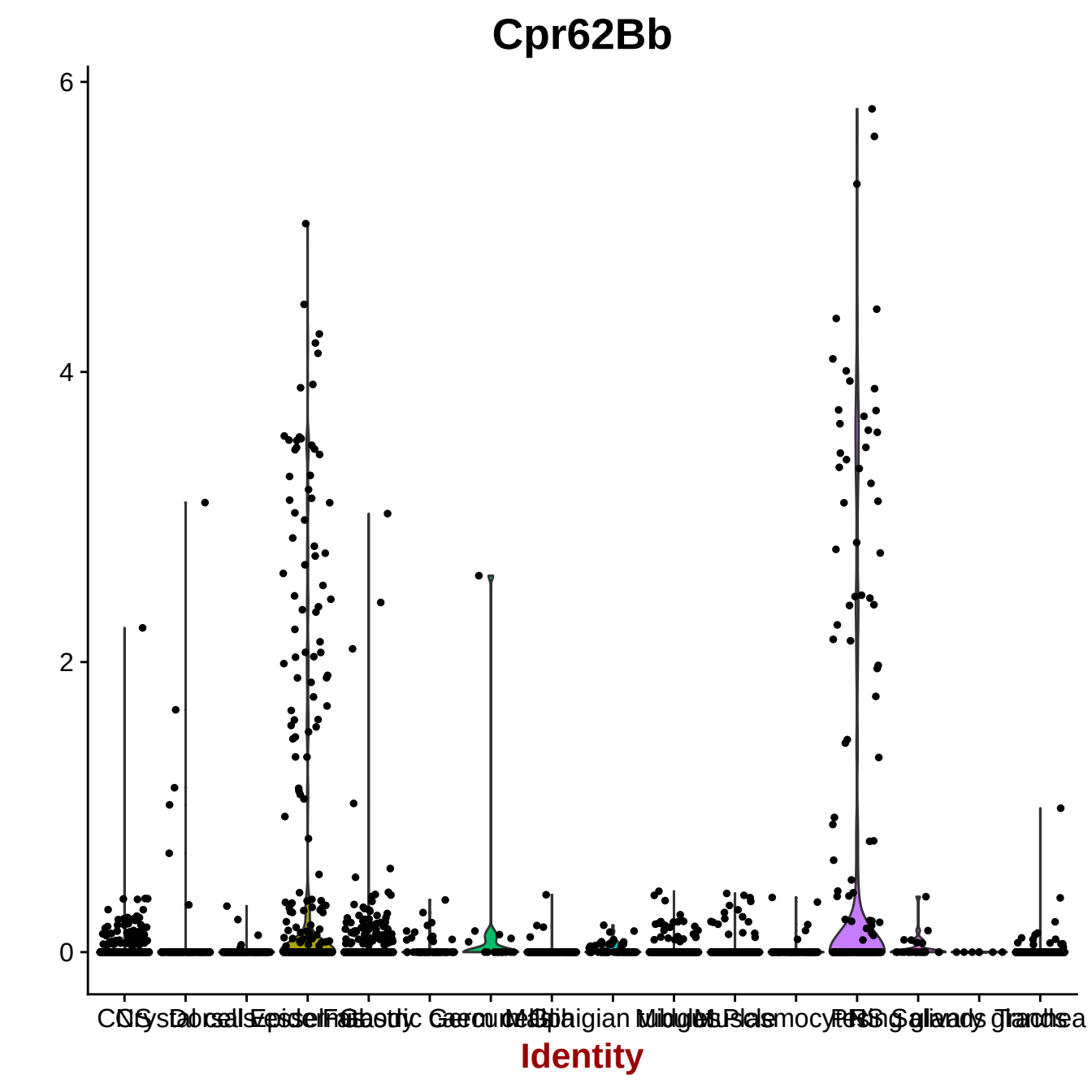
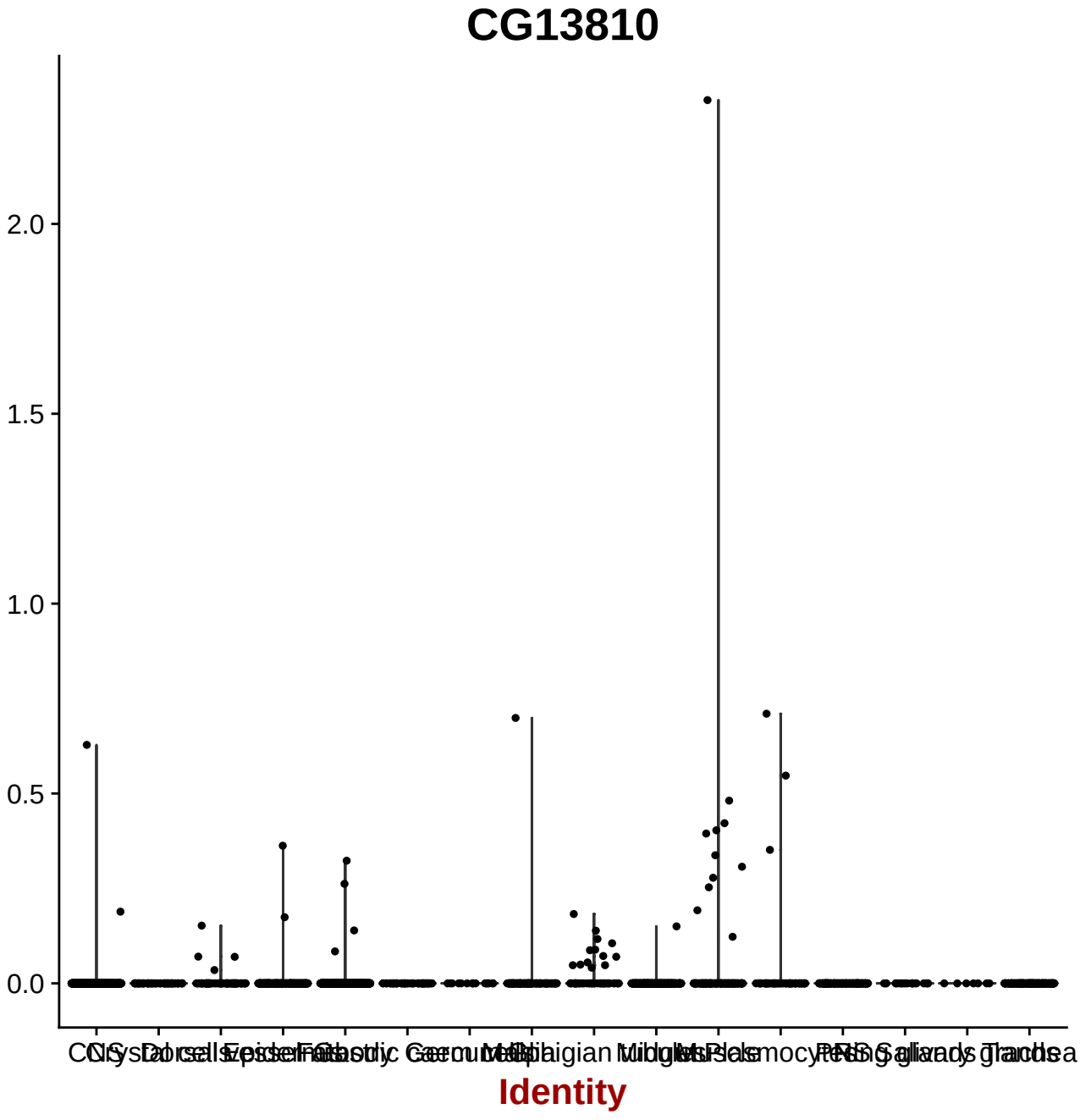
Identity


Cpr62Bb
6
4
2
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Germ cells
Hemocytes
Malpighian tubules
Midgut
Muscles
PNS
Salivary glands
Trachea
Identity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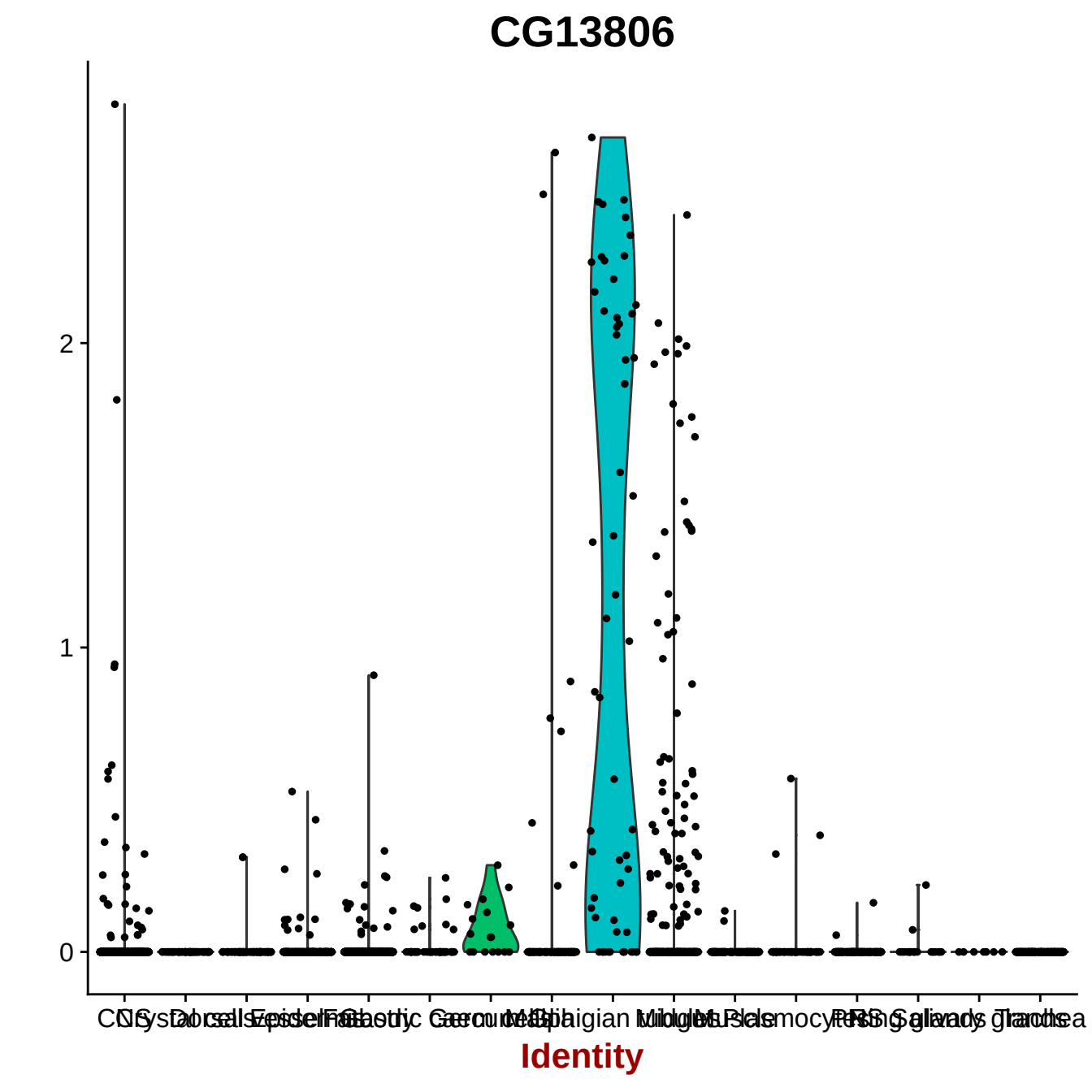
Identity


CG13806
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1
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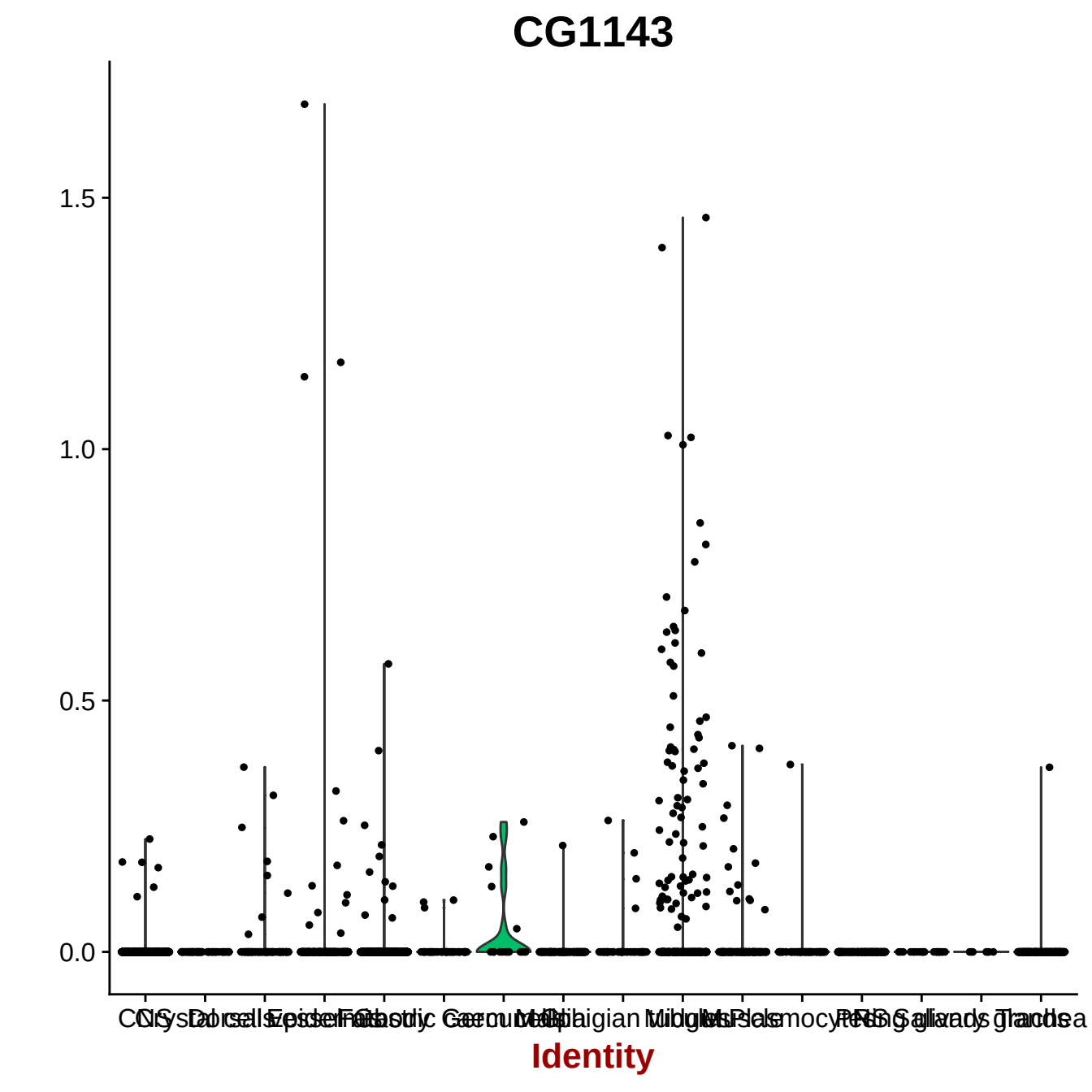
CNS
Dorsal epidermis
Epidermis
Elastic
Cardiac
Malpighian
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG1143
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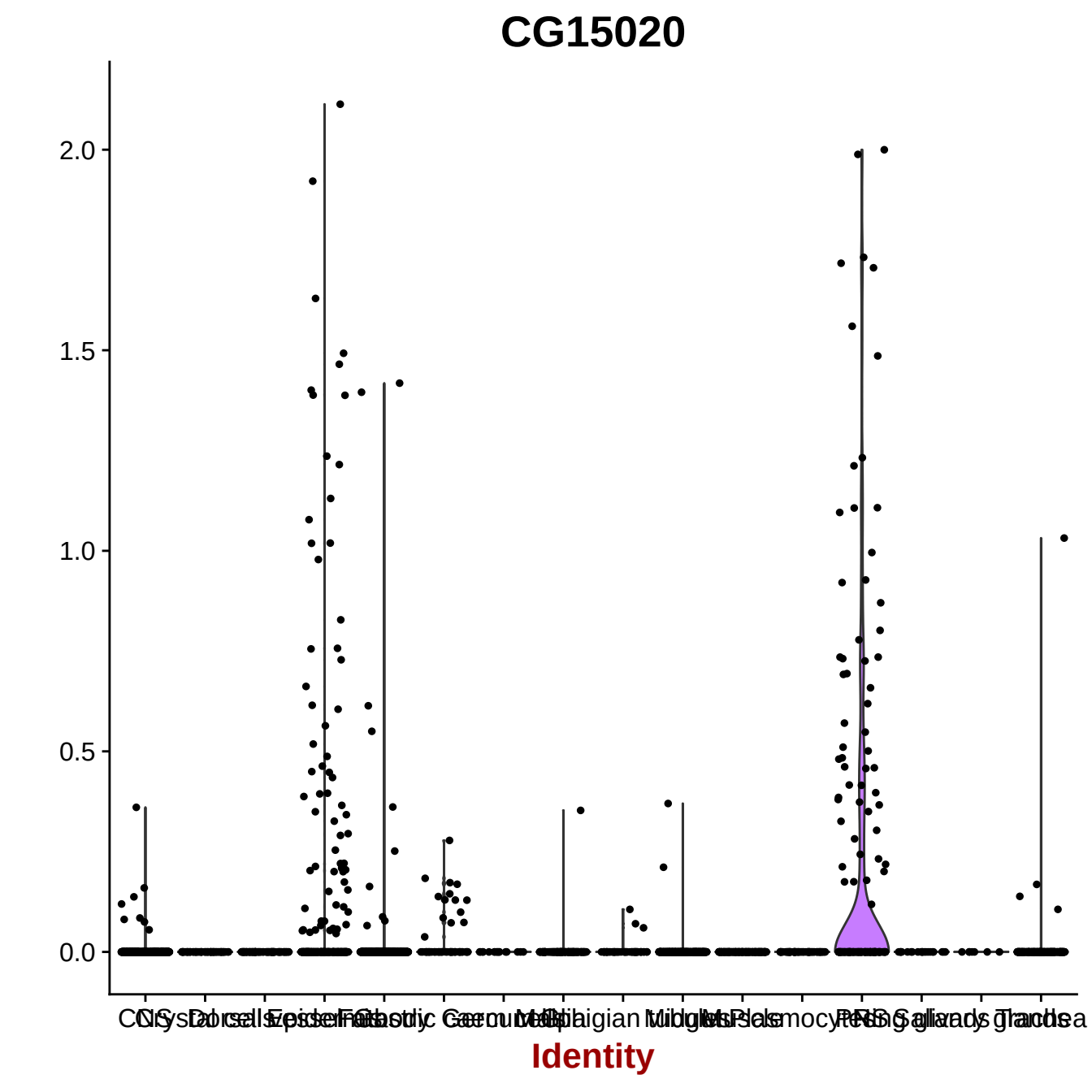
0.0
CNS
Dorsal epidermis
Epidermis
Foregut
Gastric caecum
Malpighian tubules
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG15020
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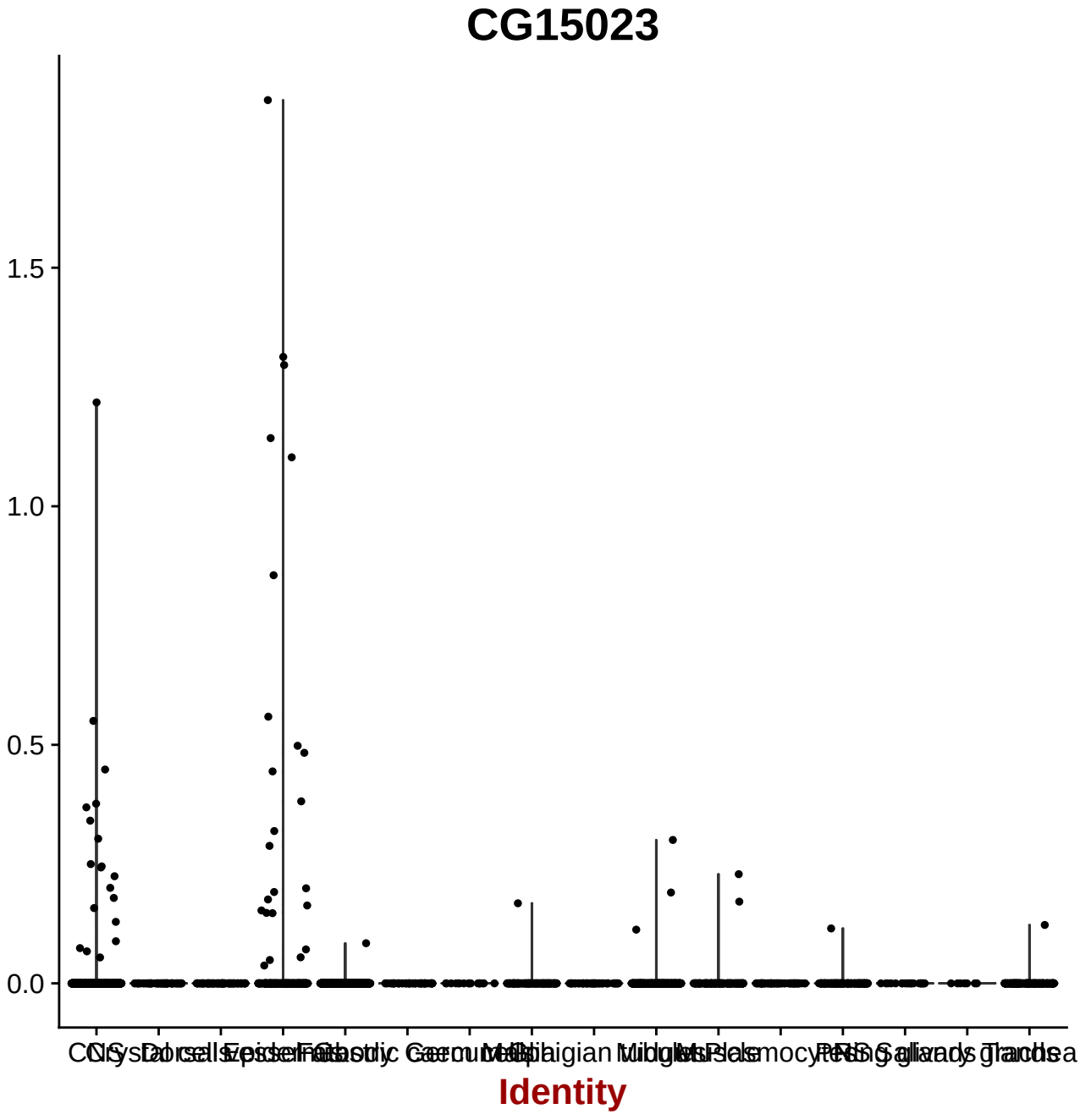
1.5
1.0
0.5
0.0
Identity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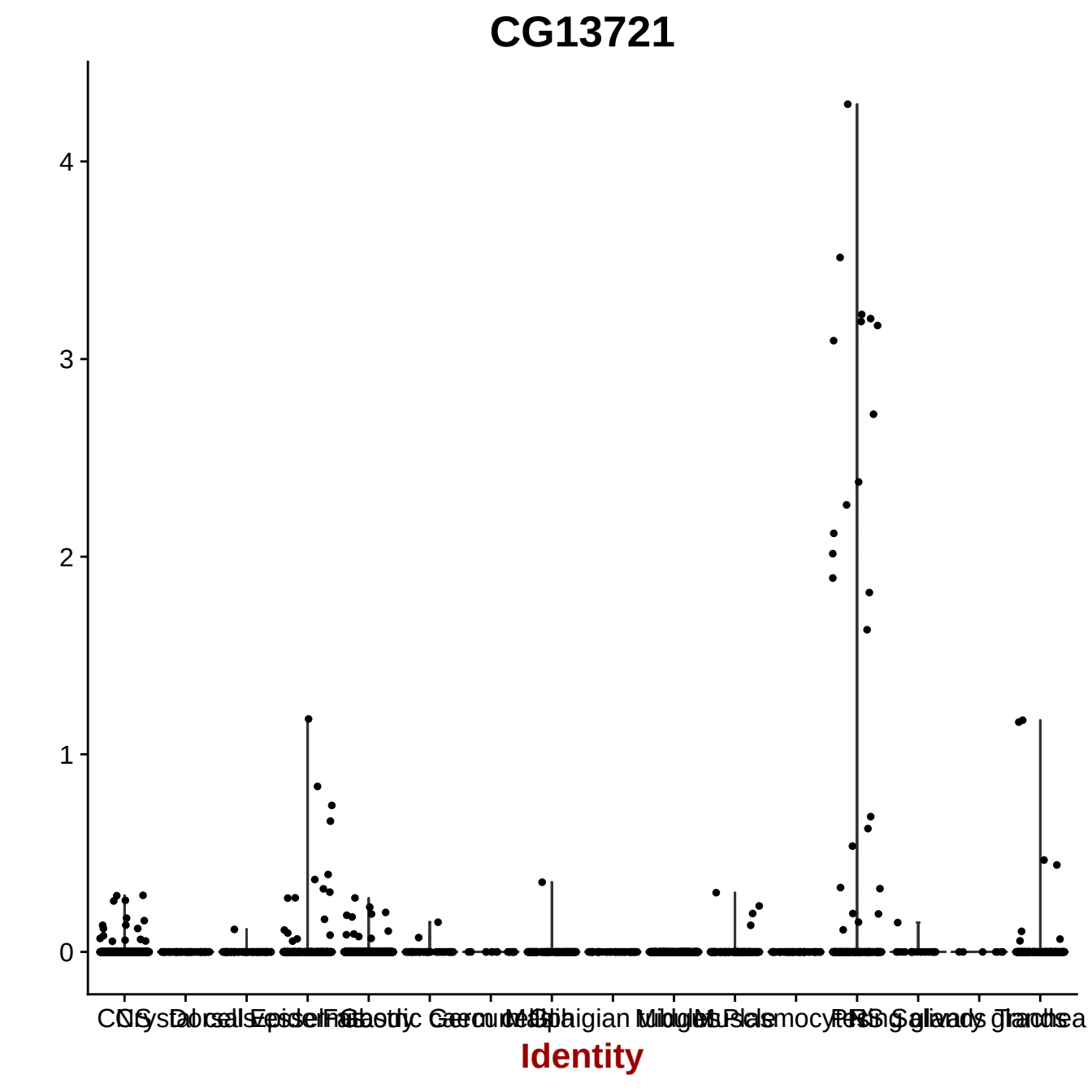
0.5
0.0
Identity


CG13721
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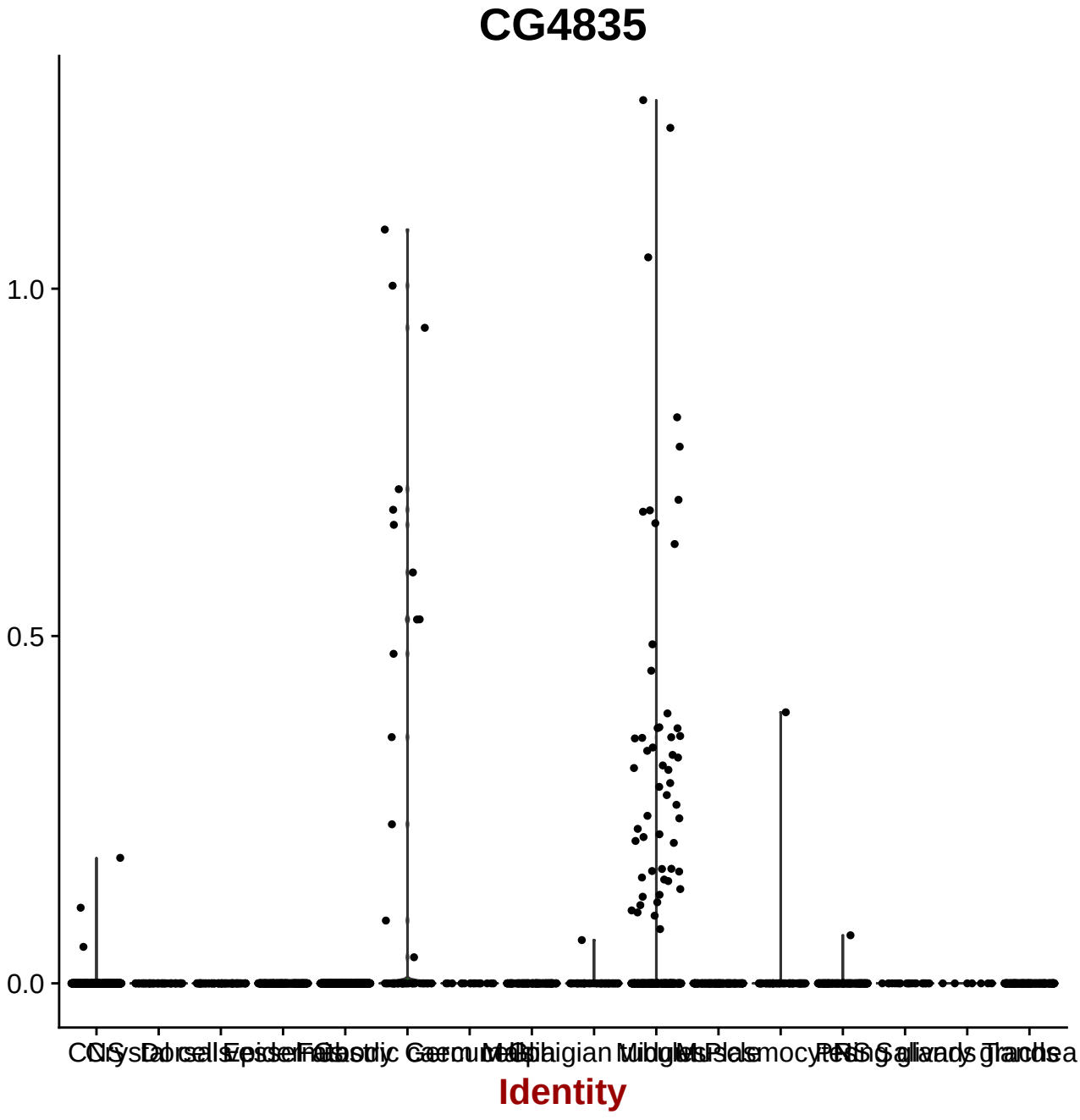
3
2
1
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG4835
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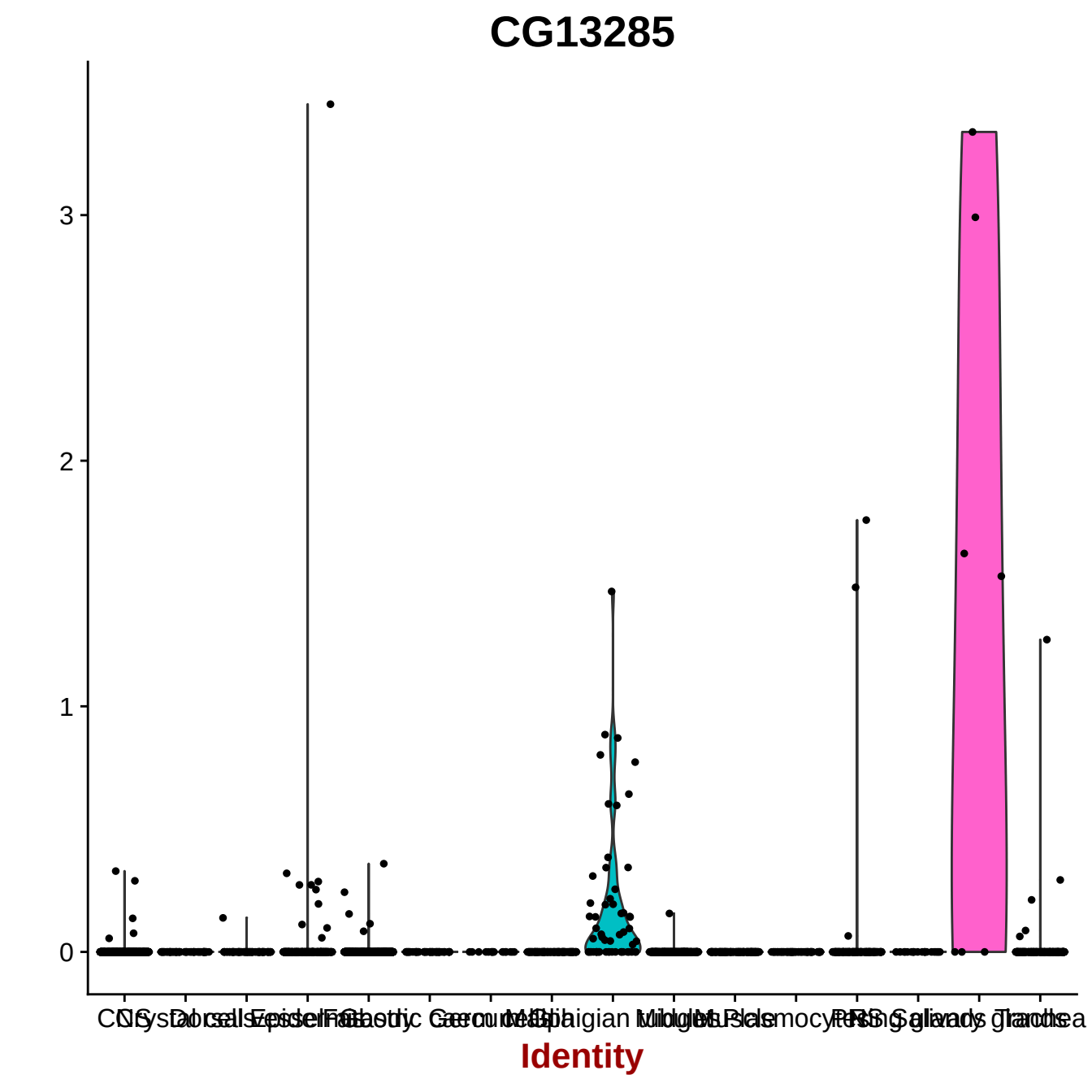
0.0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Fat body
Gastric caecum
Germ cells
Malpighian tubules
Muscles
Oenocytes
PER
Salivary gland
Trachea
Identity


CG13285
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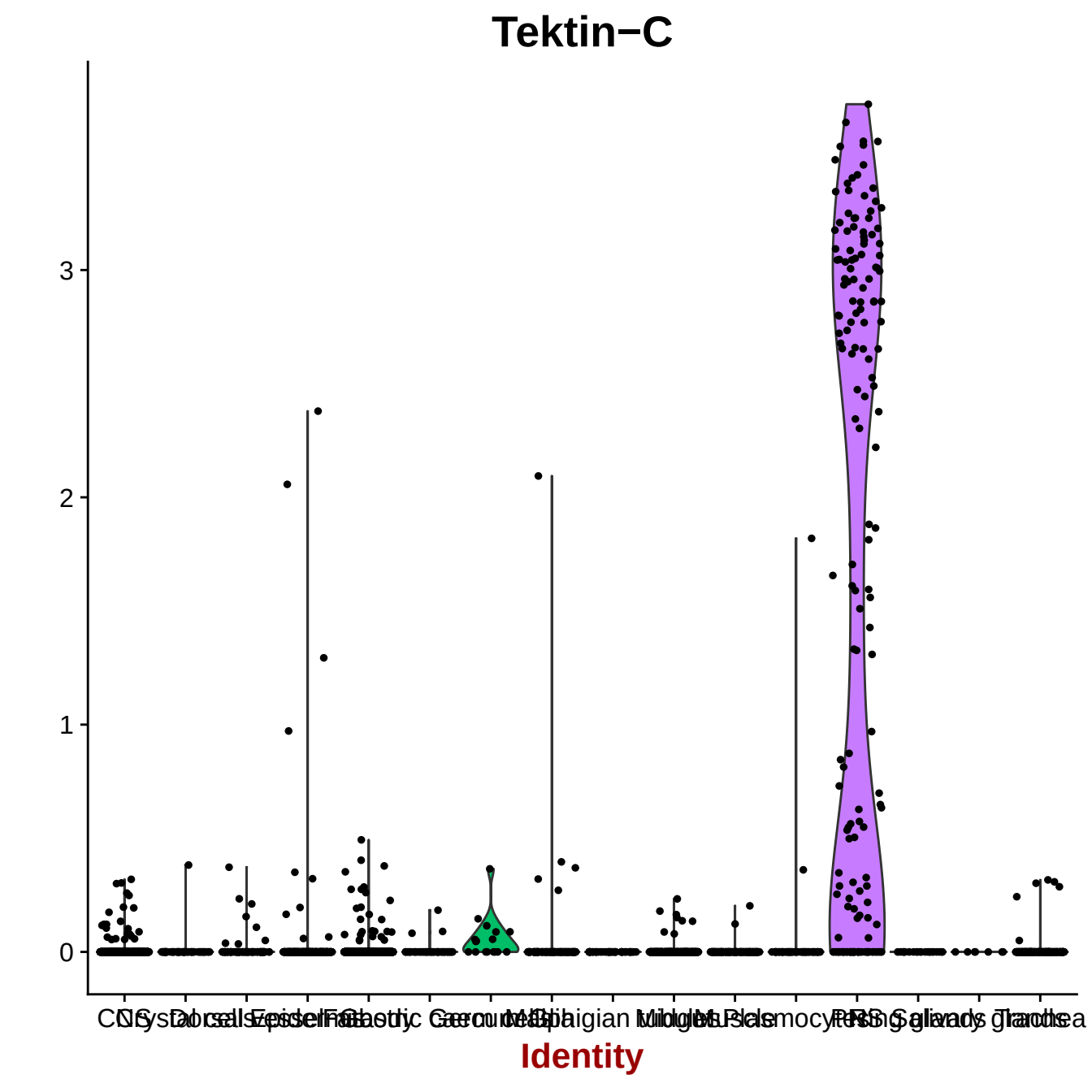
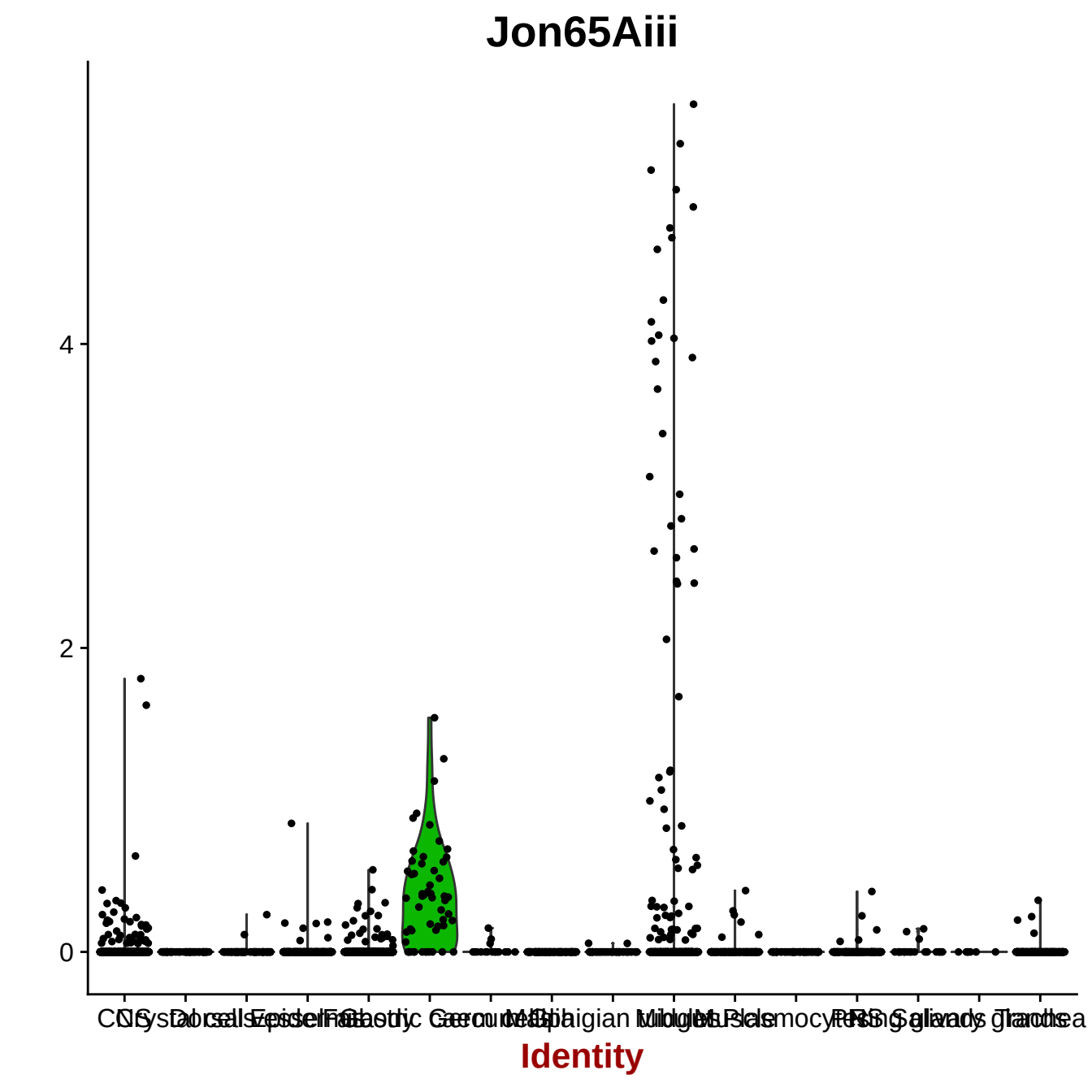
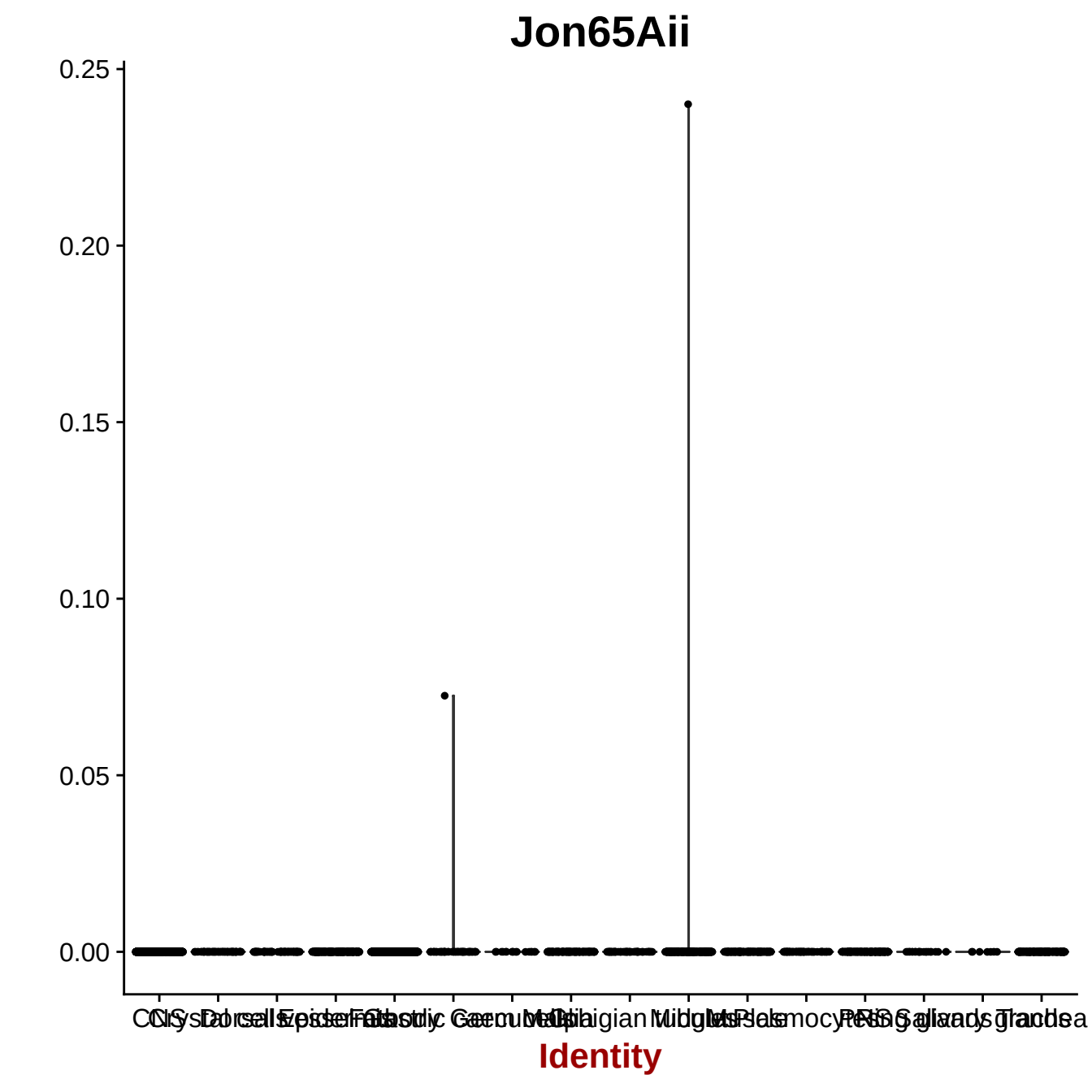
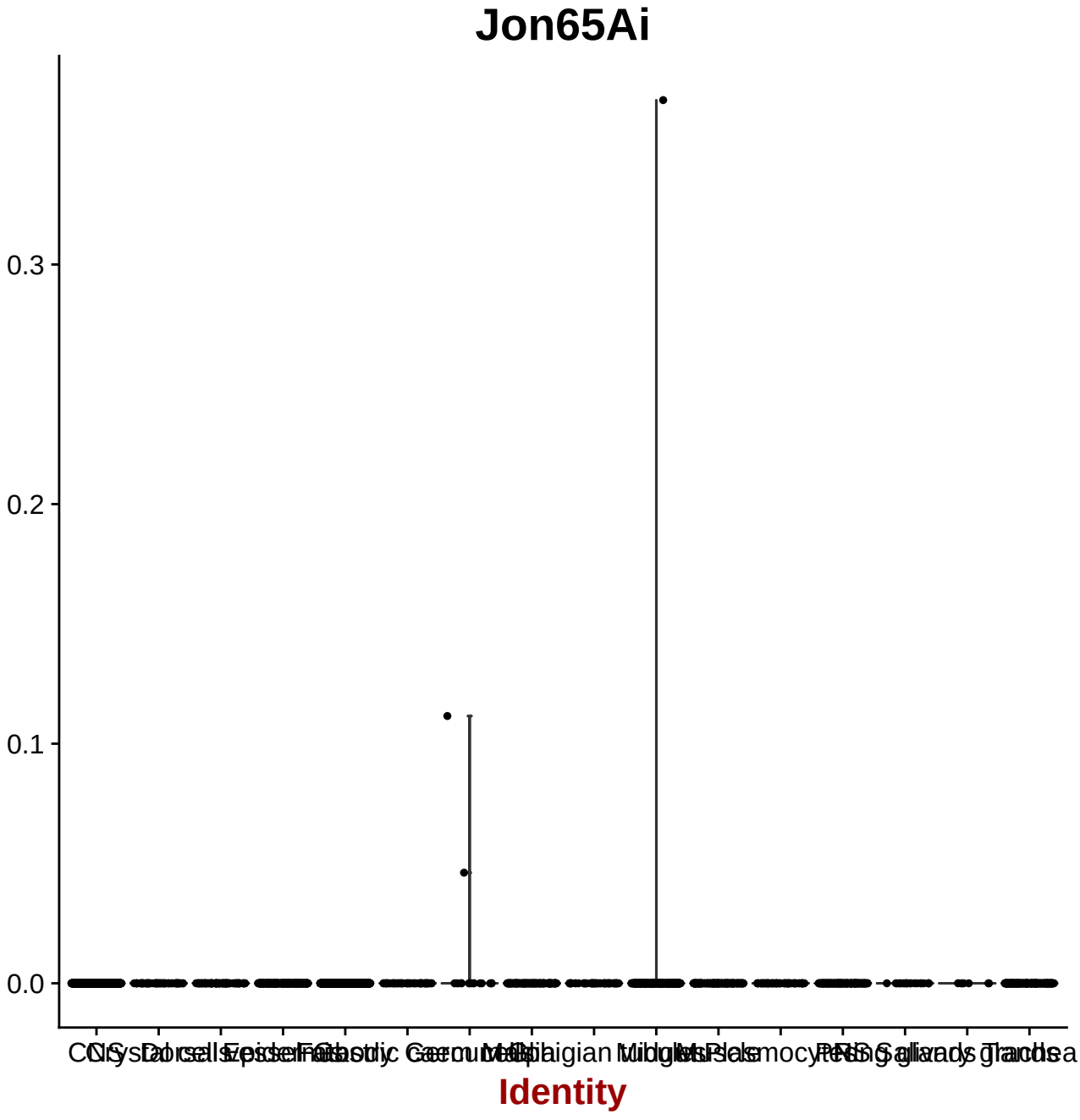
2
1
0
CNS
Crystalline cone
Dorsal epidermis
Epidermis
Elastic
Germ cells
Germ band
Malpighian tubules
Midgut
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


Tektin−C
3
2
1
0
CNS
Dorsal root ganglion
Epidermis
Esophagus
Gastric
Germ cells
Heart
Kidney
Liver
Lung
Mammary gland
Muscle
Pancreas
Placenta
Prostate
Skin
Small intestine
Spleen
Stomach
Testis
Thymus
Vessel
Identity


Jon65Aiii
4
2
0
CNS
Dorsal epidermis
Epidermis
Glandular epidermis
Germ cells
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


Jon65Aii
0.25
0.20
0.15
0.10
0.05
0.00
CNS
Dorsal
Epithelial
Fibroblasts
Germ
Mesothelial
Myoepithelial
Vulva
Lymphocytes
PBS
Salivary
Trachea
Identity


Jon65Ai
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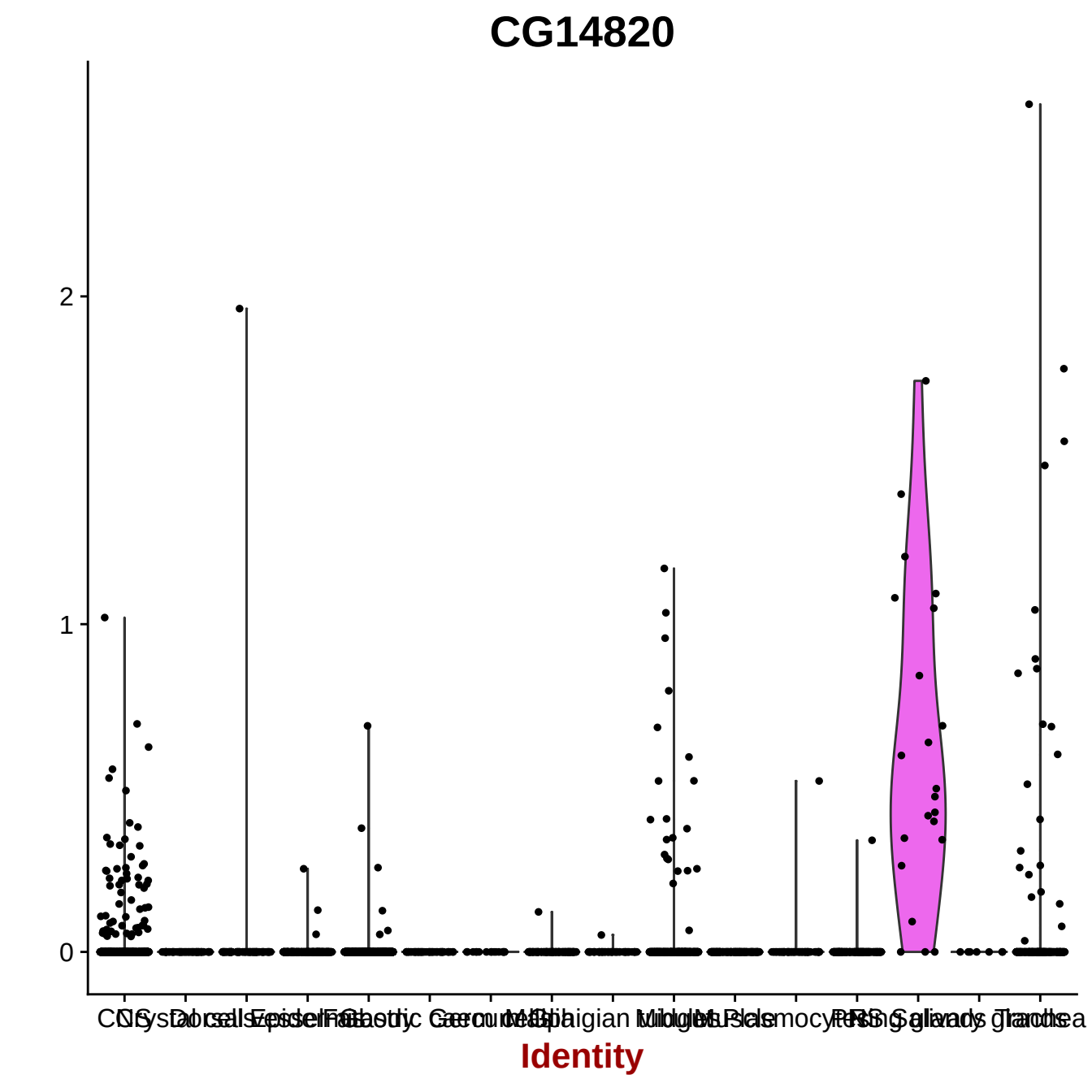
Identity


CG14820
2
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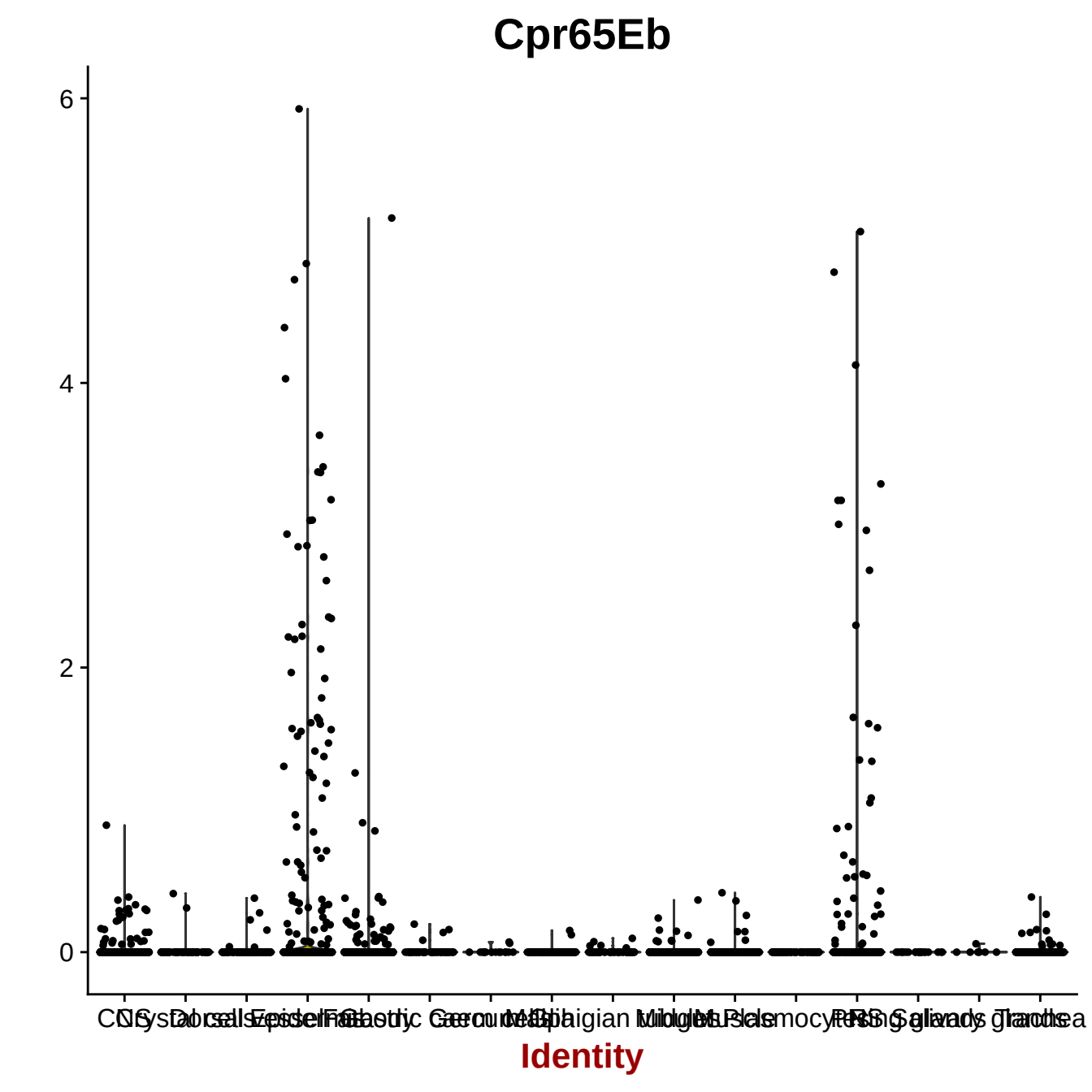
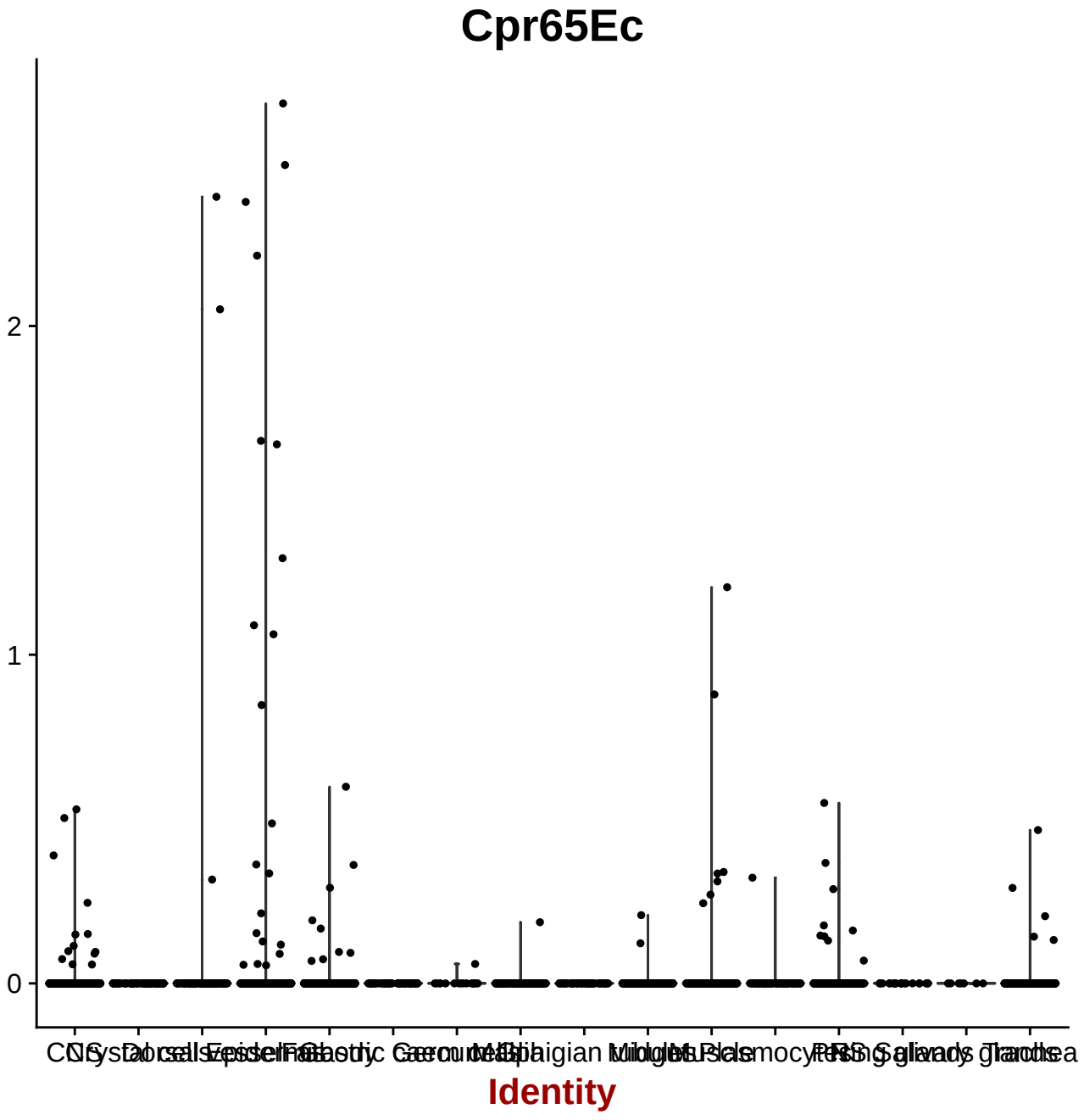
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity


Cpr65Eb
6
4
2
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caro
Malpighian
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity


Cpr65Ec
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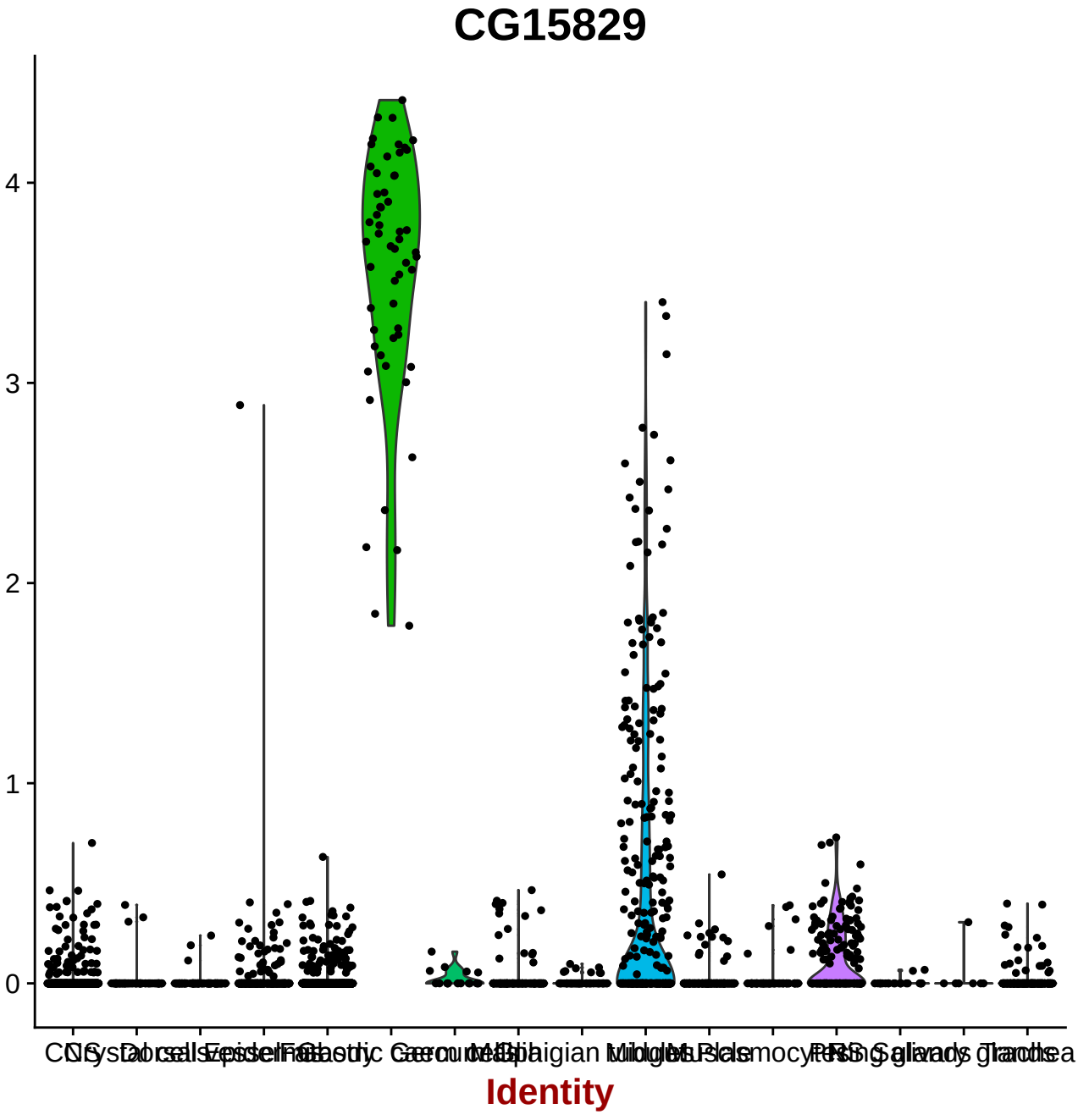
CNS
Dorsal epidermis
Elastic
Caro
Malpighian tubules
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG15829
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2
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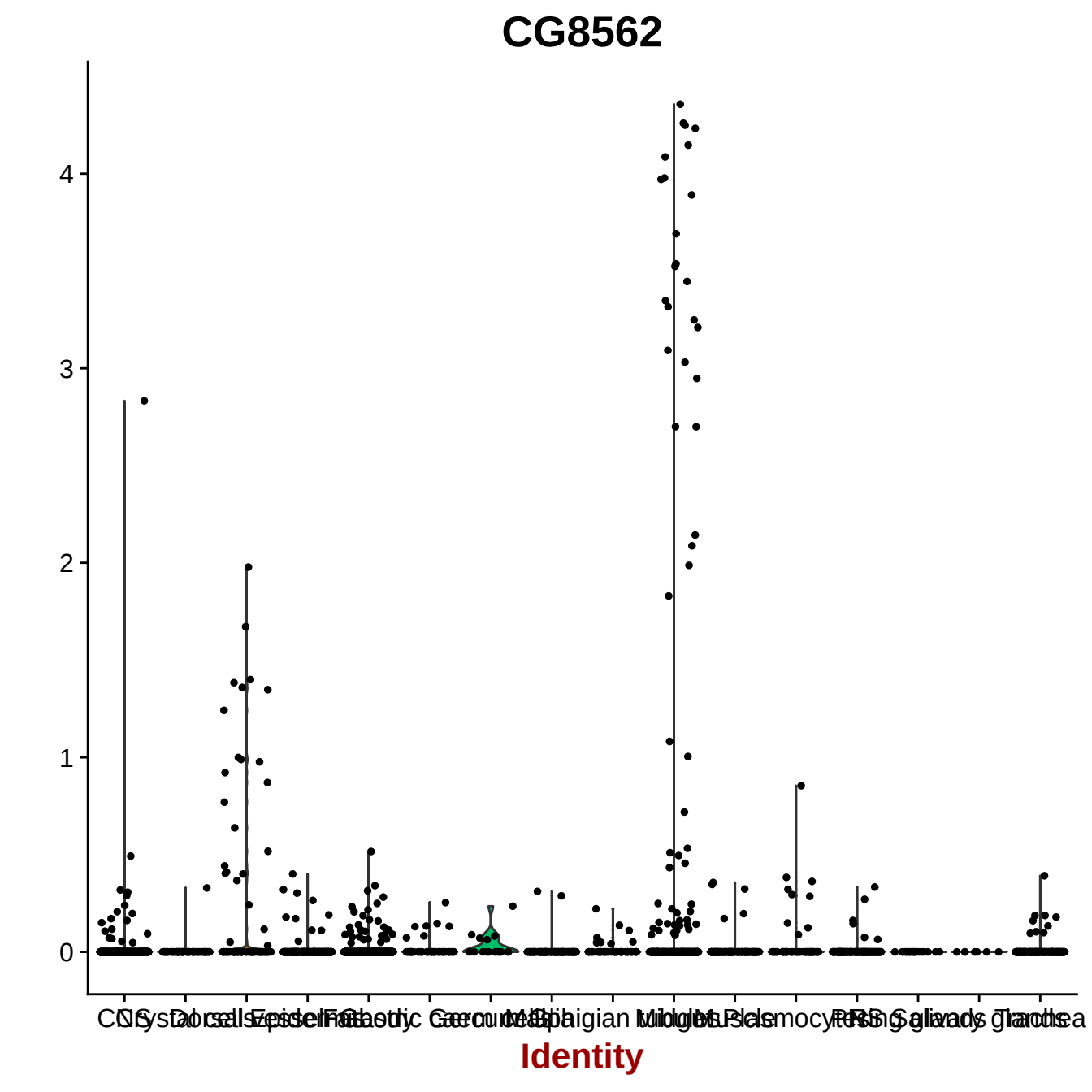
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity


CG8562
4
3
2
1
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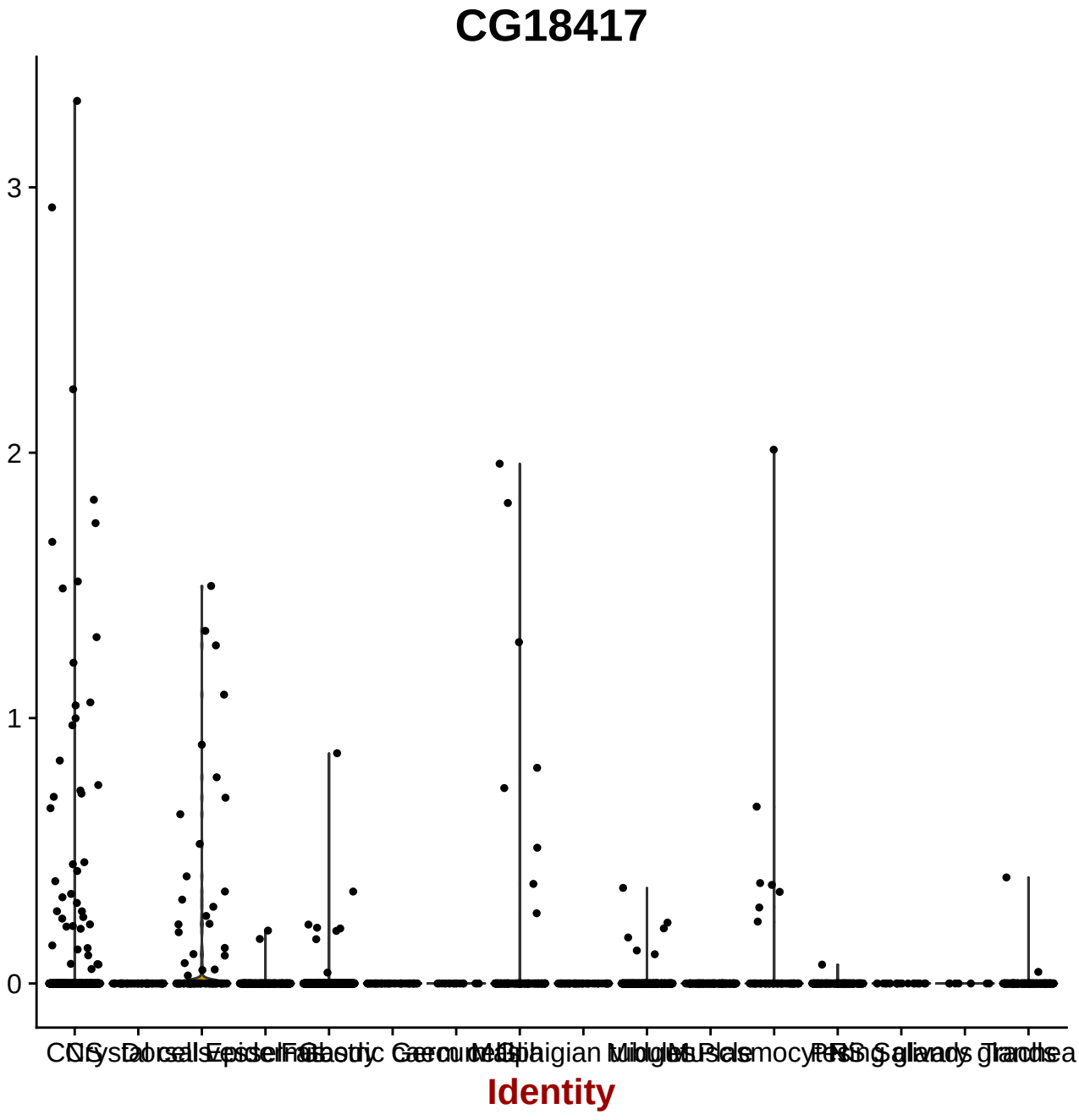
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG18417
3
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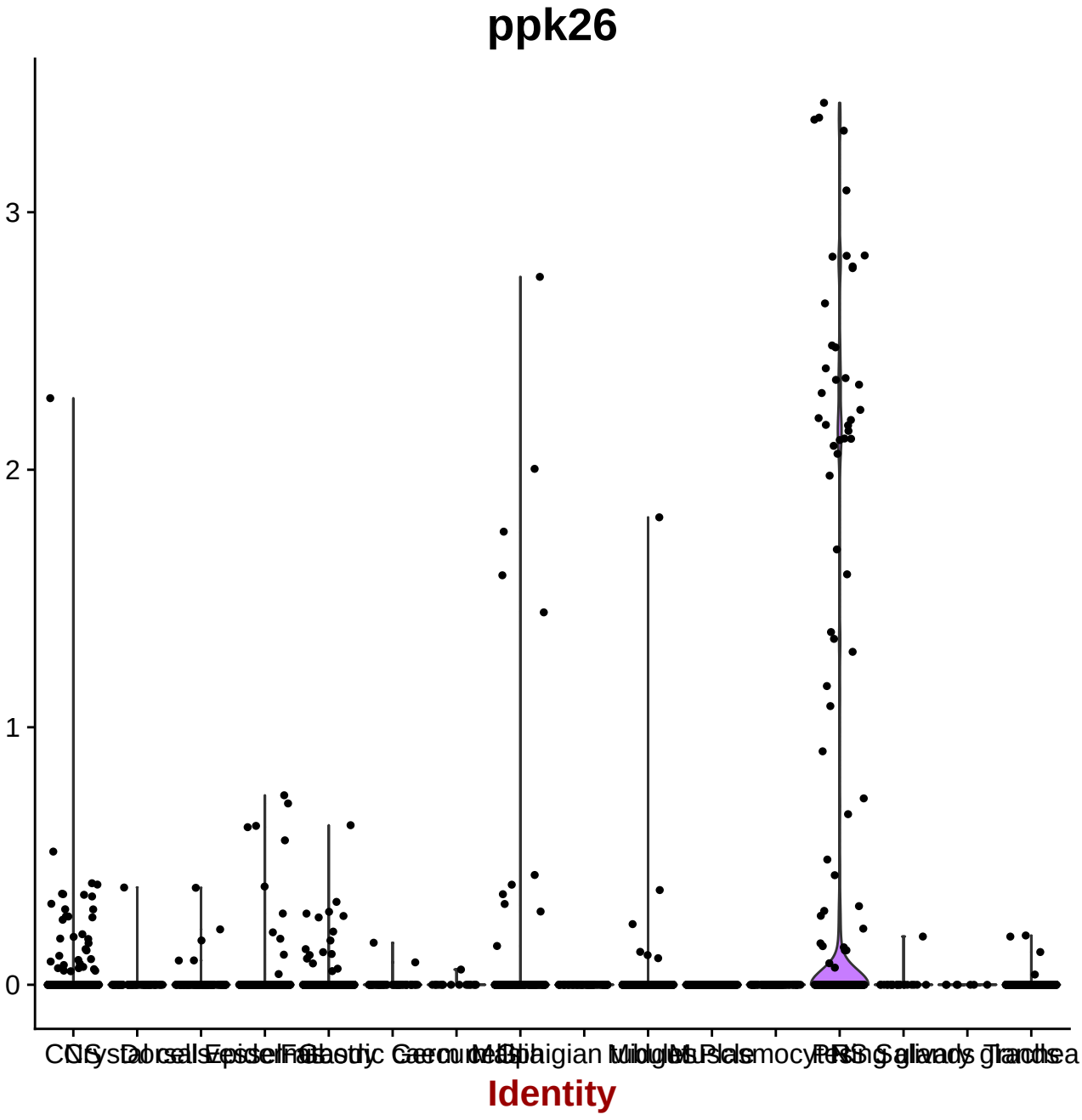
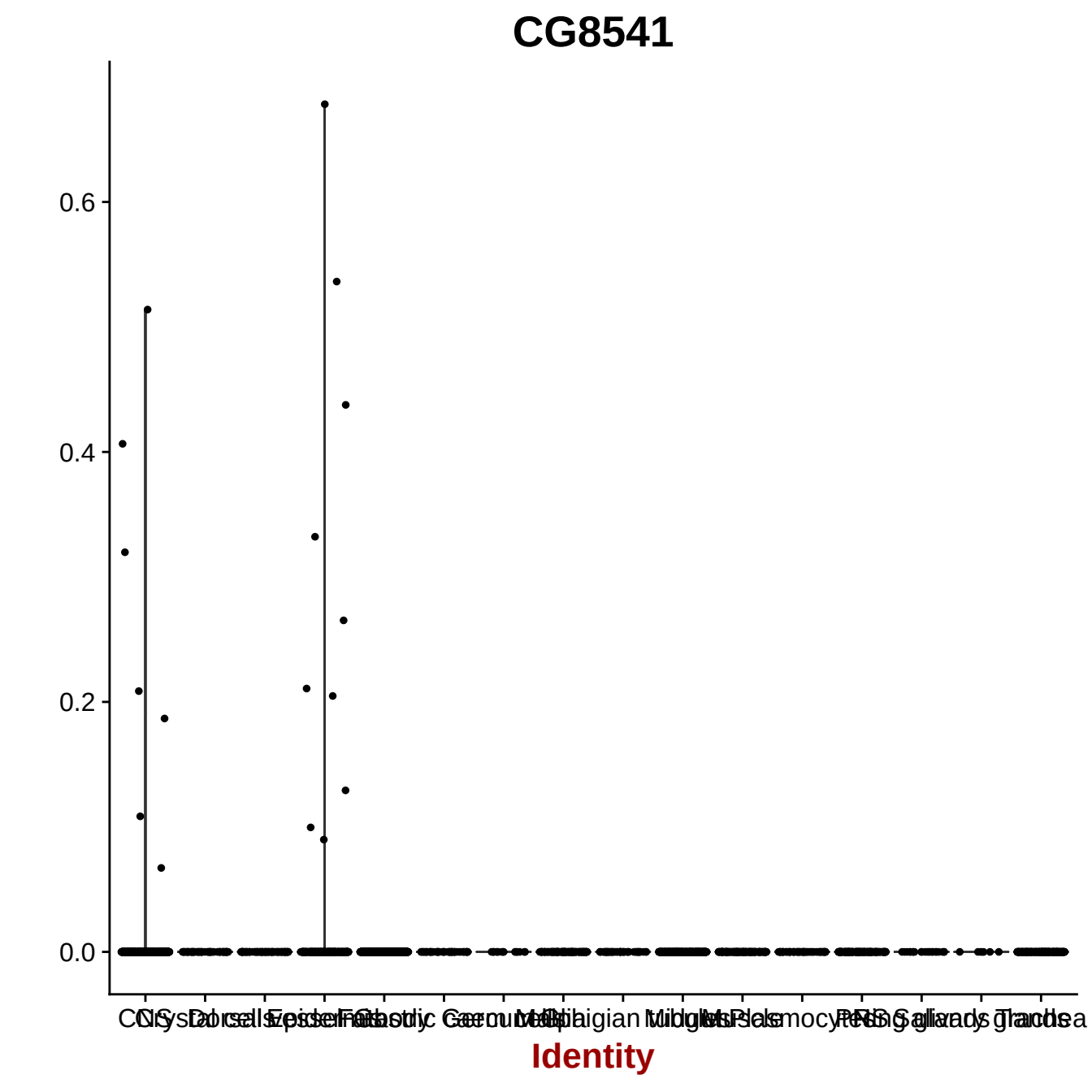
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


ppk26
3
2
1
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG8541
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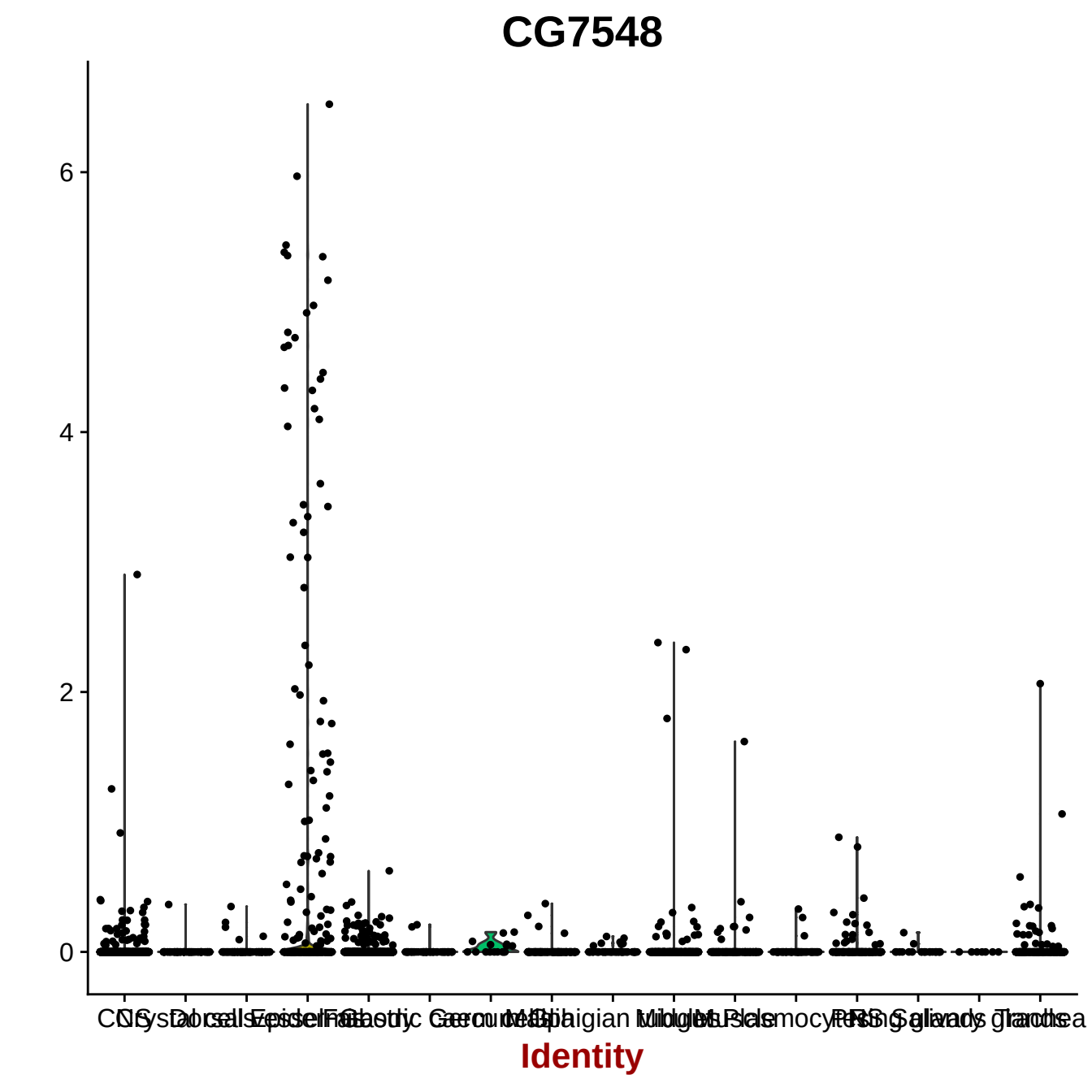
0.4
0.2
0.0
Identity


CG7548
6
4
2
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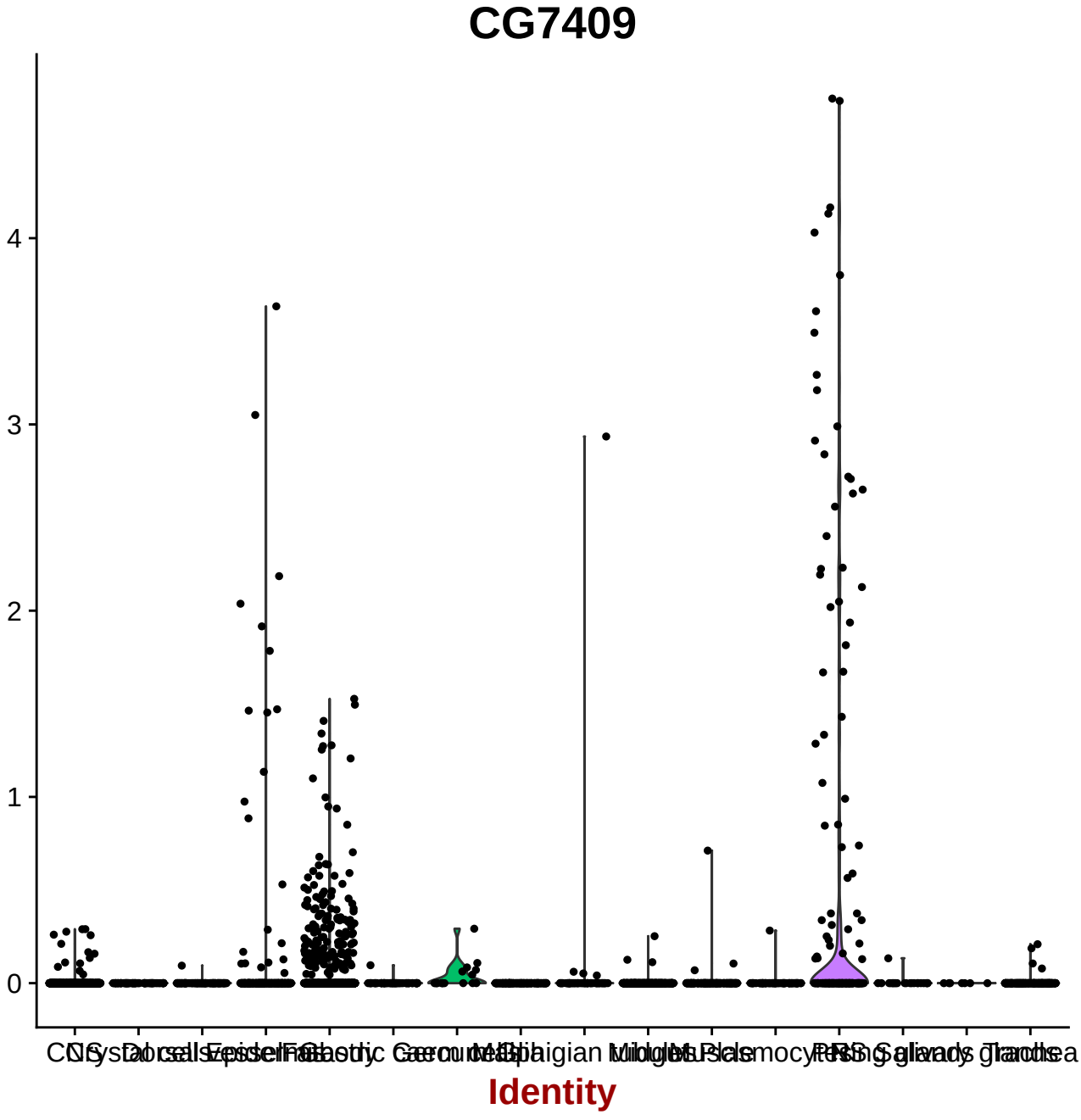
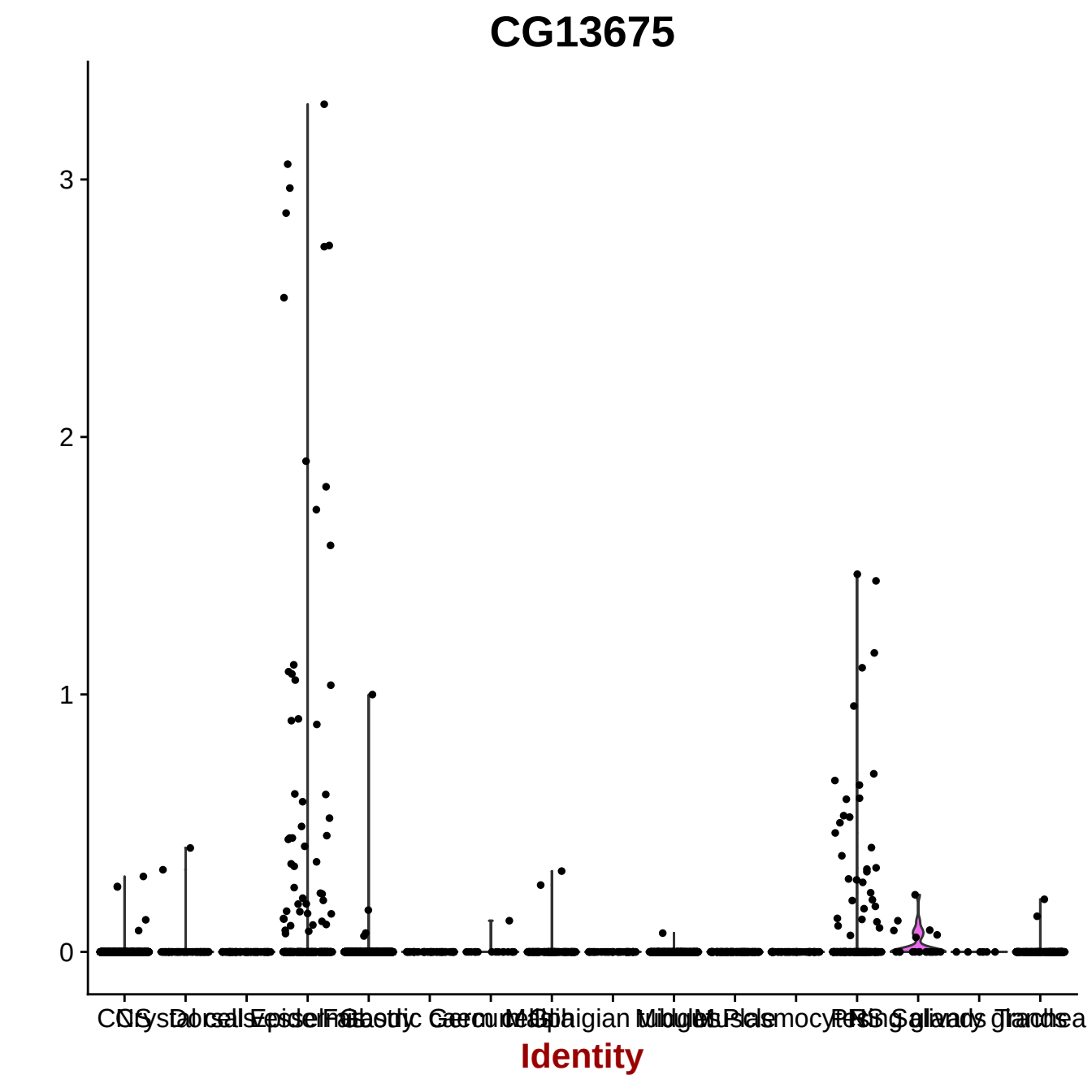
CNS
Dorsal epidermis
Elastic
Caudal
Malpighian
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG7409
4
3
2
1
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG13675
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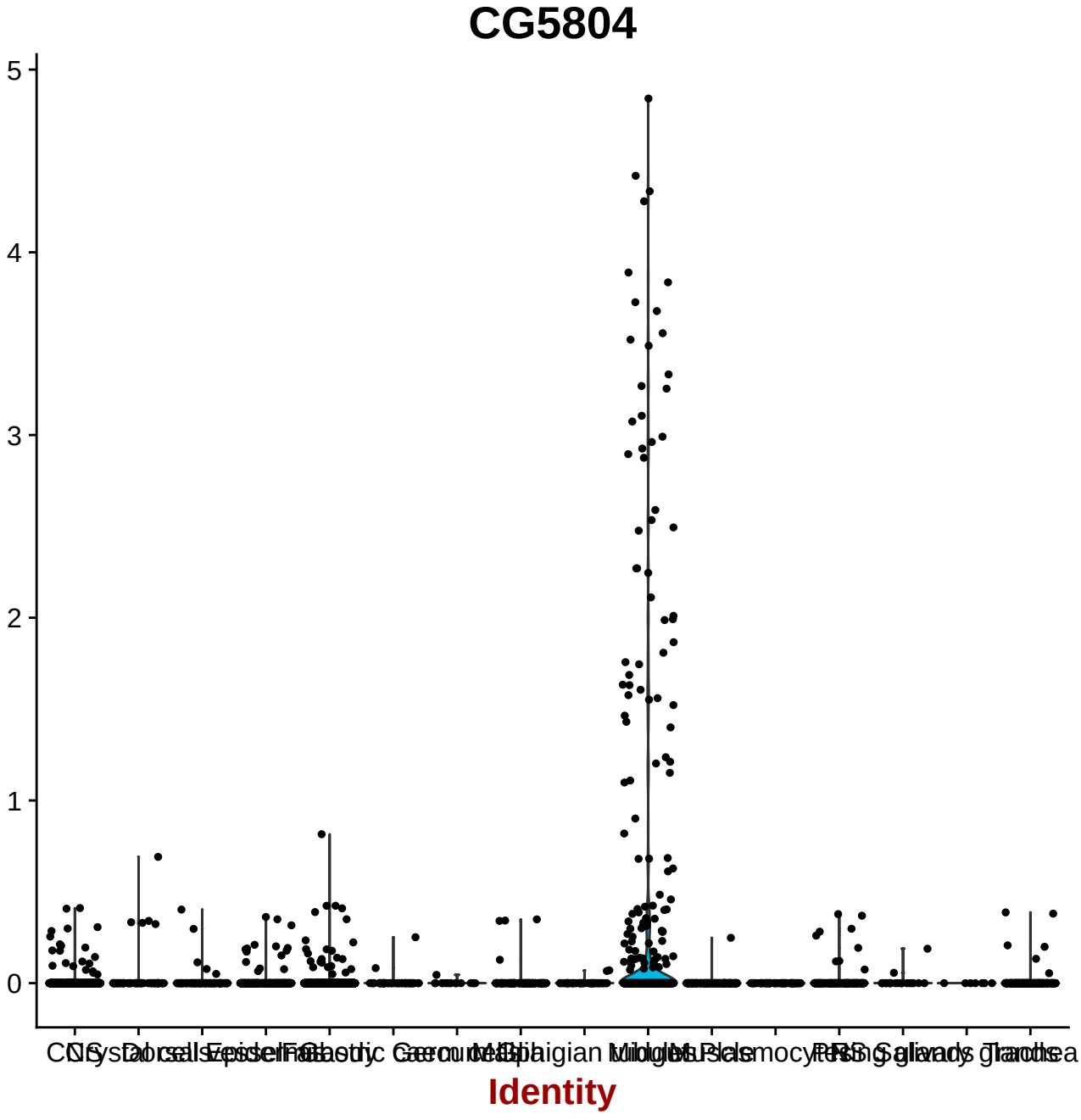
2
1
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Elastic
Caro
Malpighian
Midgut
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG5804
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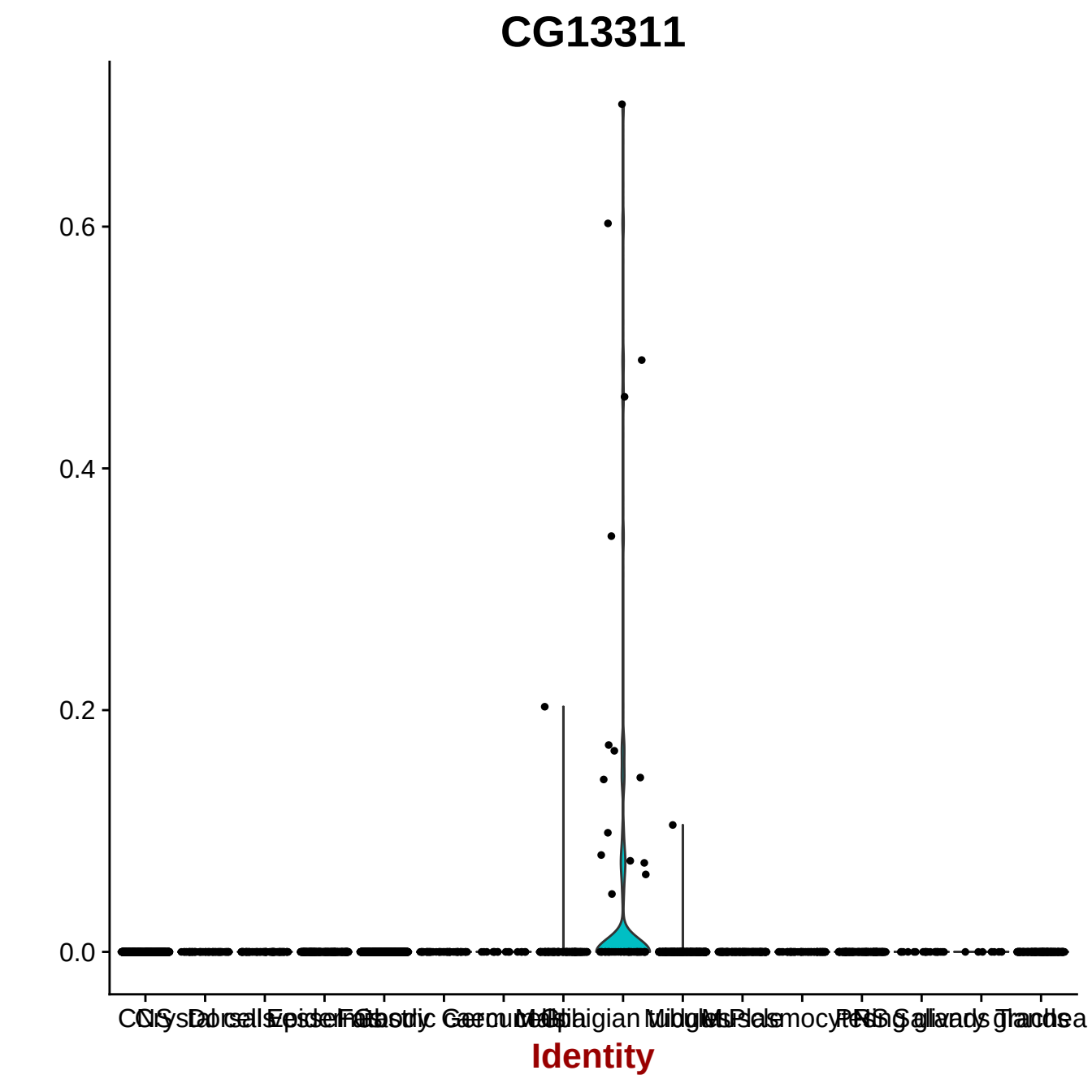
4
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caudal
Malpighian
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity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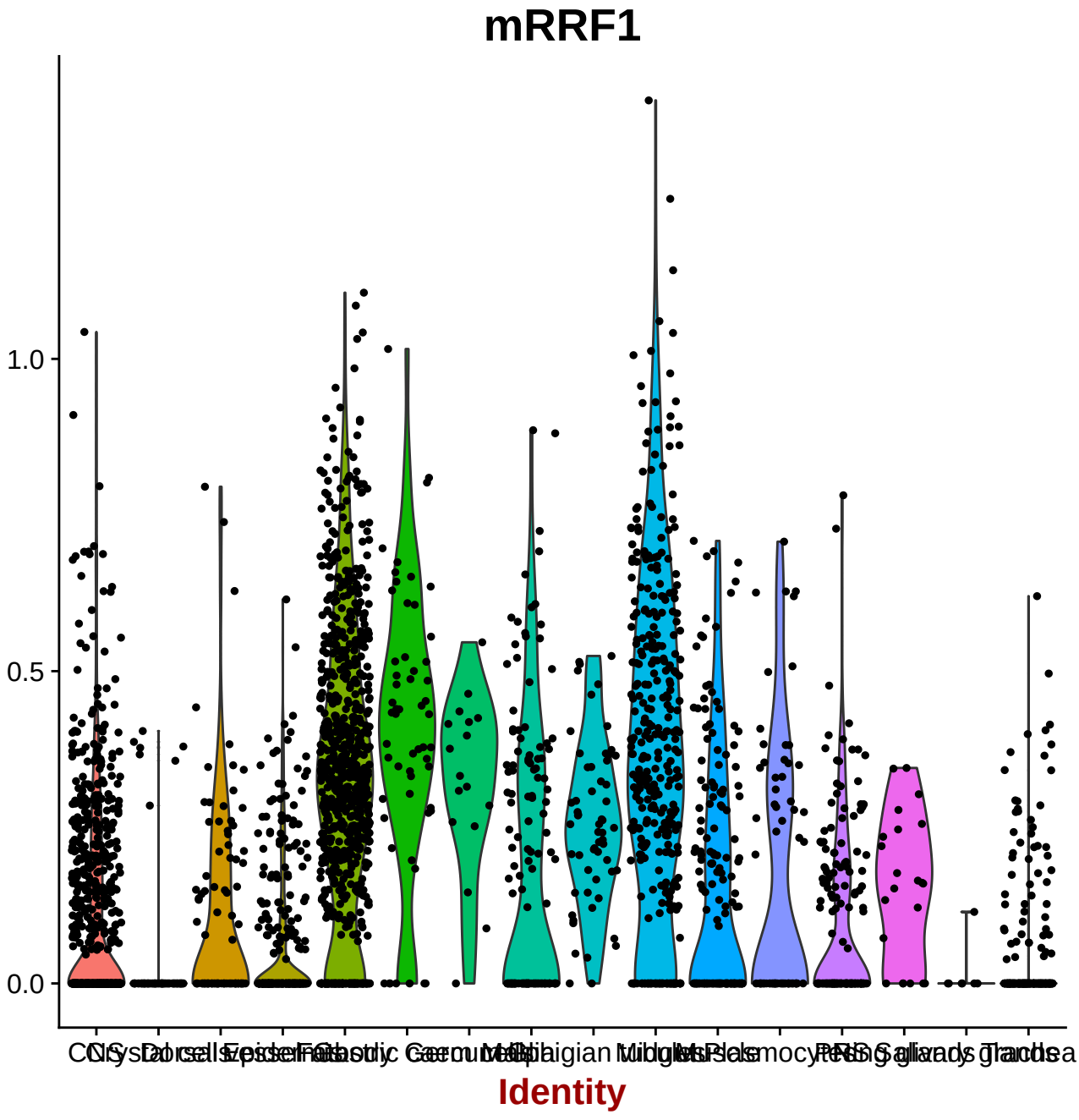
Identity


mRRF1
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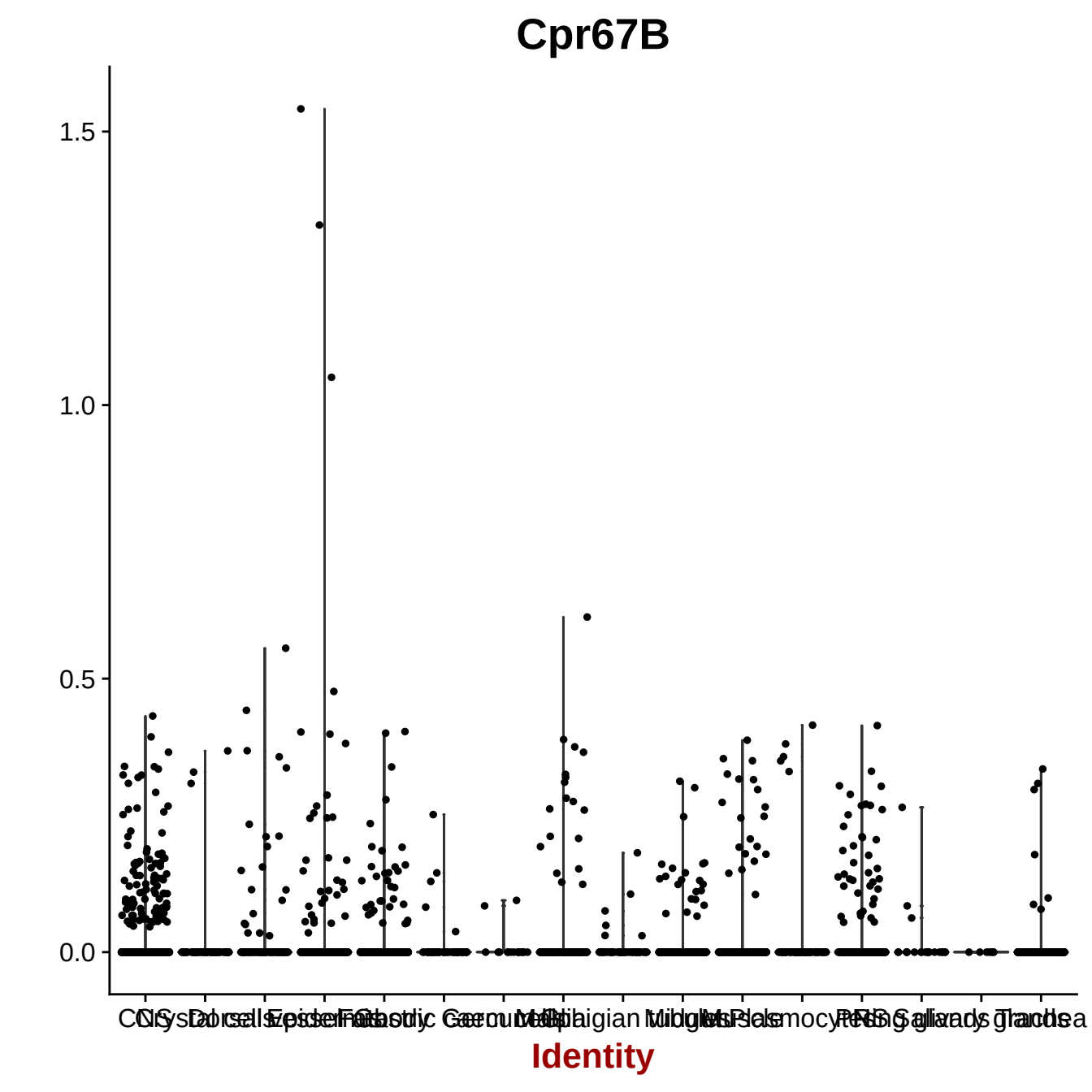
0.0
Identity


Cpr67B
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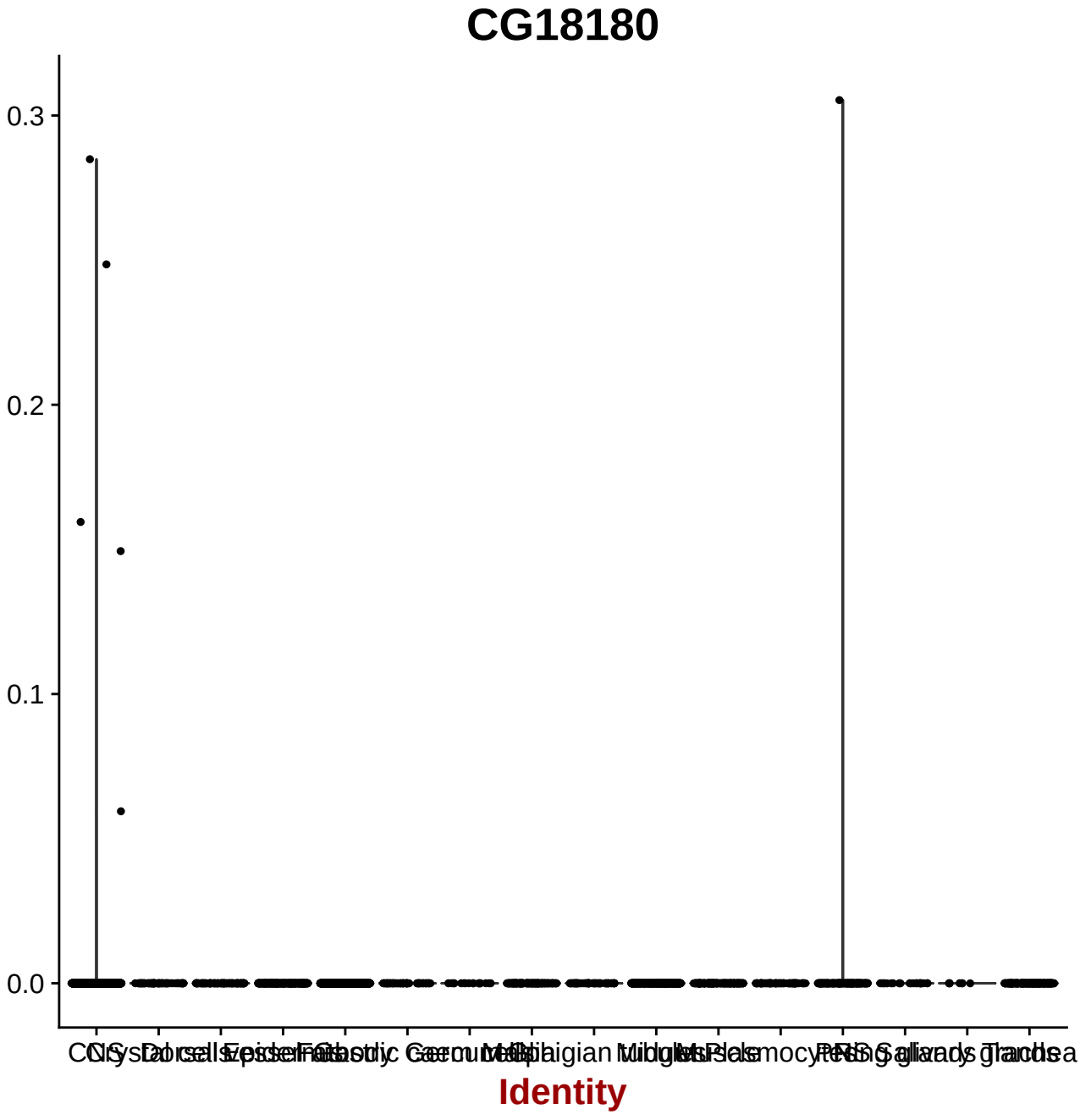
1.0
0.5
0.0
CNS
Dorsal epidermis
Esophagus
Fat body
Gastric caecum
Malpighian tubules
Muscles
Oenocytes
PES
Salivary gland
Trachea
Identity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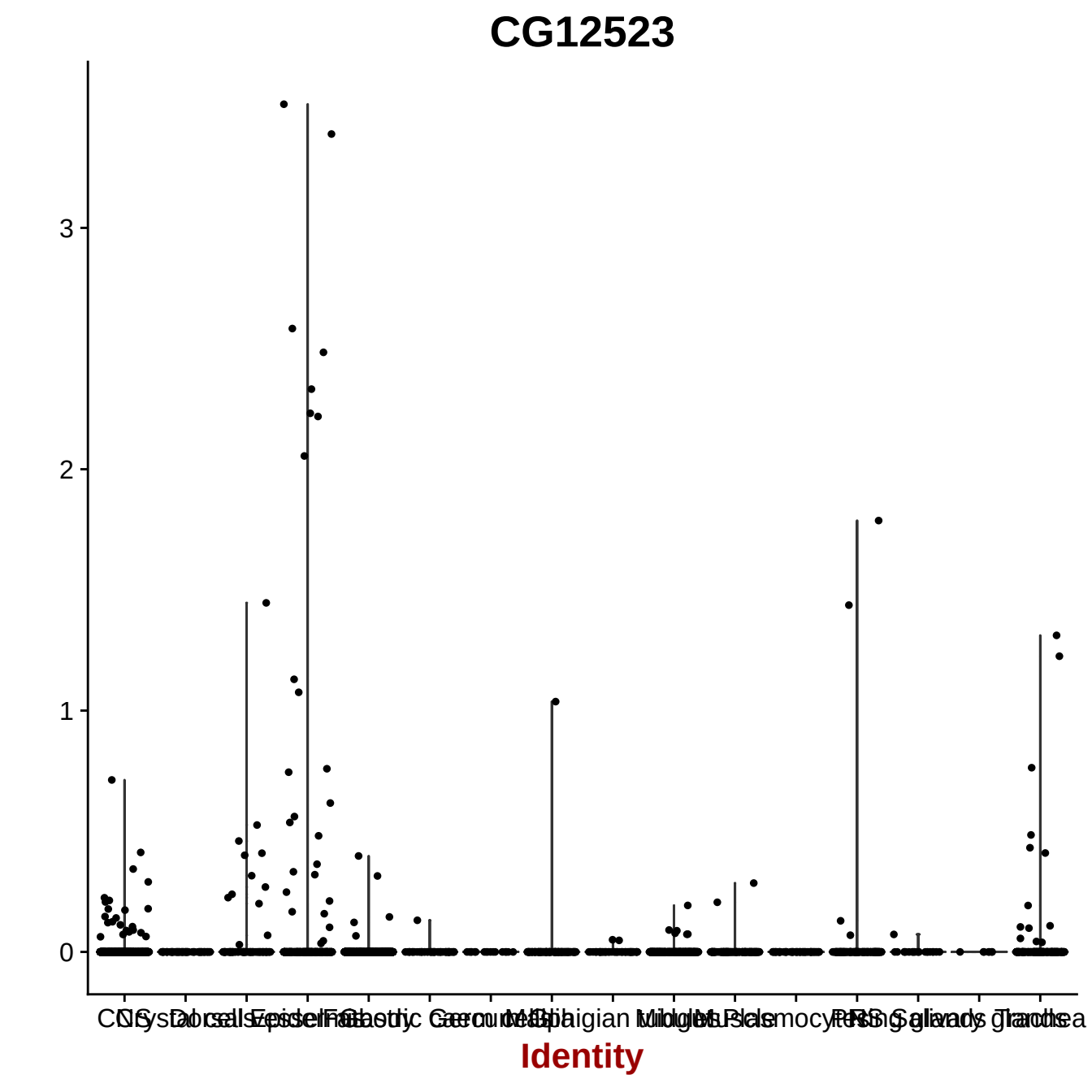
Identity


CG12523
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2
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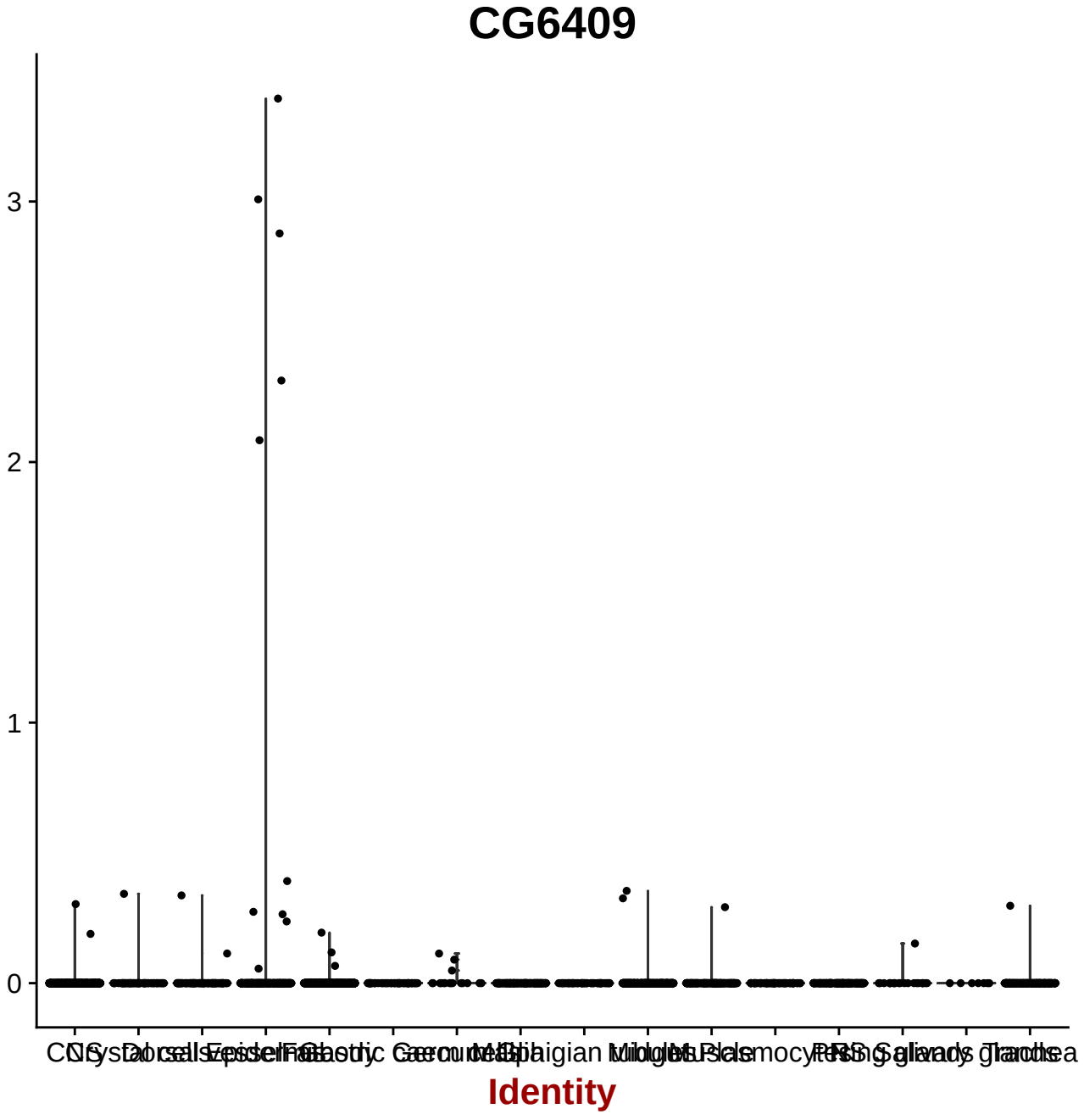
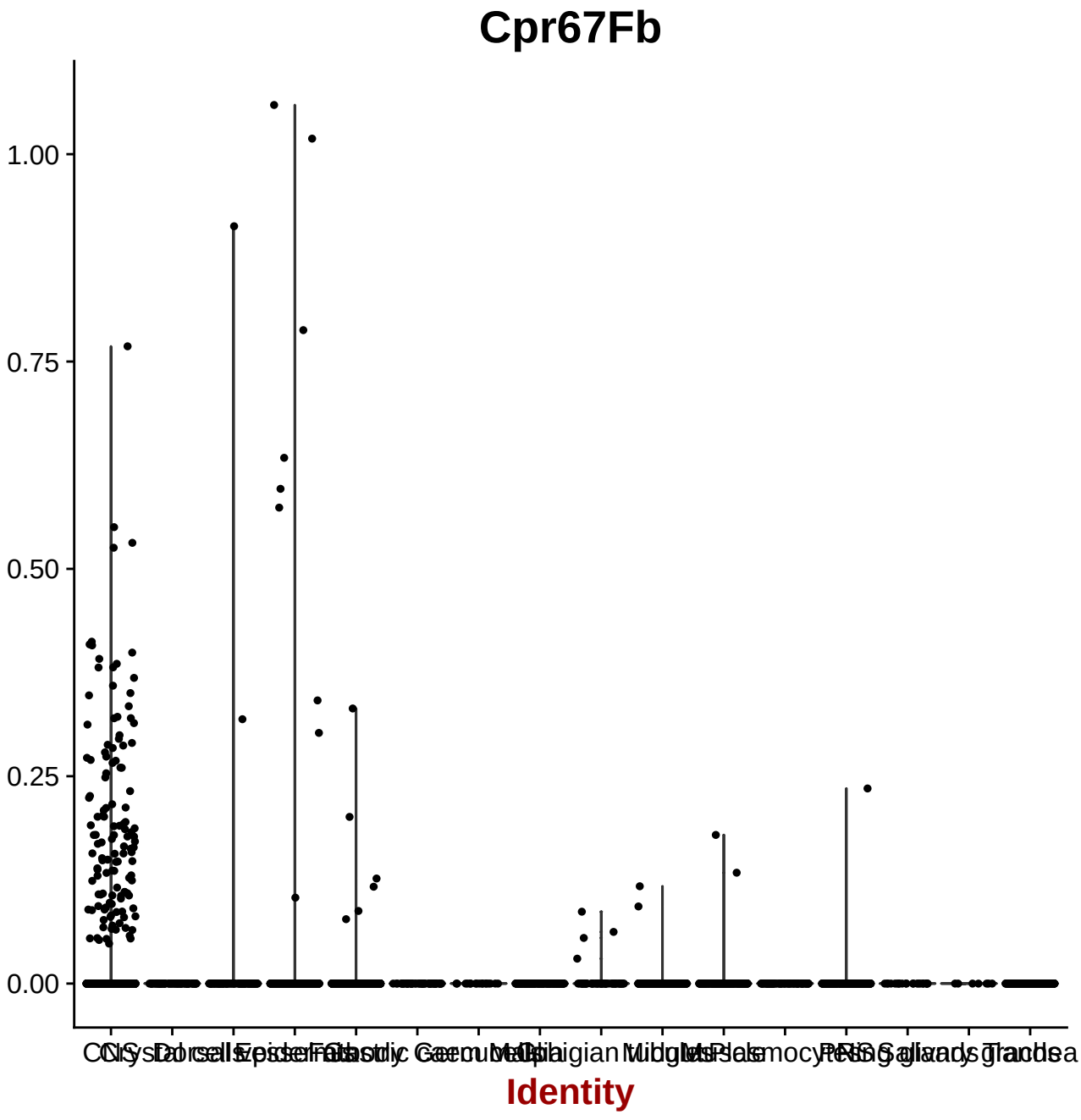
CNS
Dorsal Epidermis
Vessel
Hemocytes
Gut
Malpighian tubules
Salivary gland
Trachea
Identity


CG6409
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Caecum
Malpighian tubules
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity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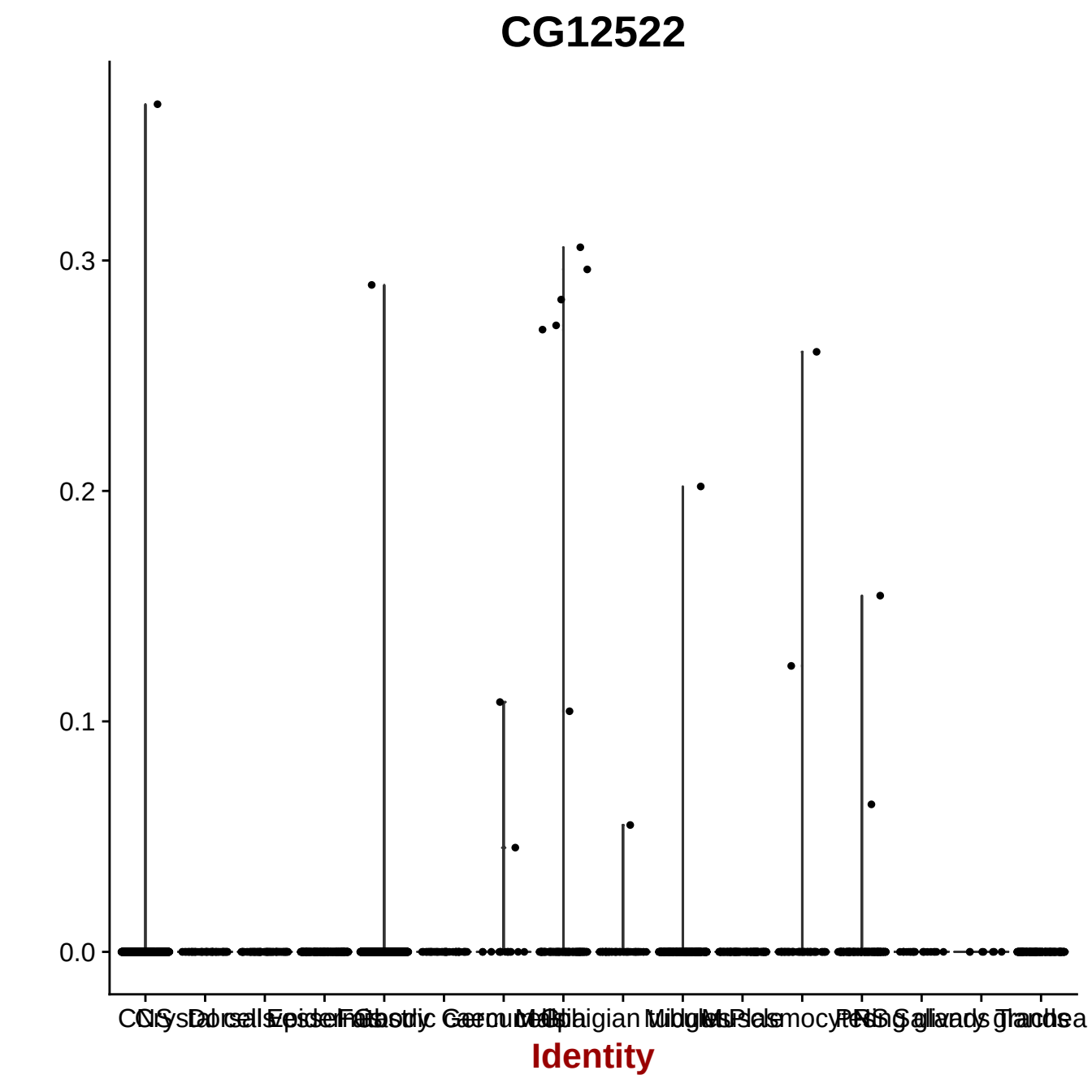
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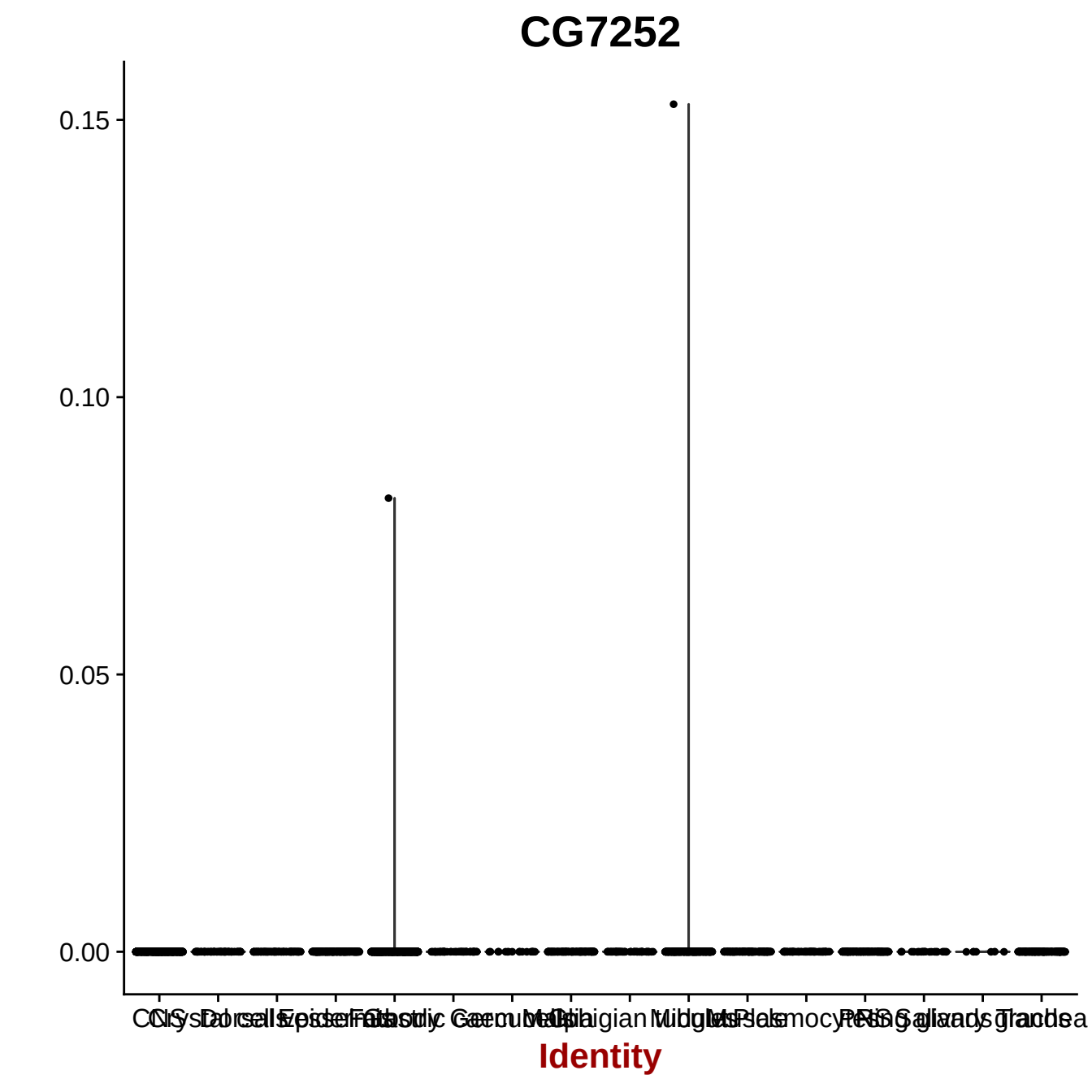
Identity


CG7252
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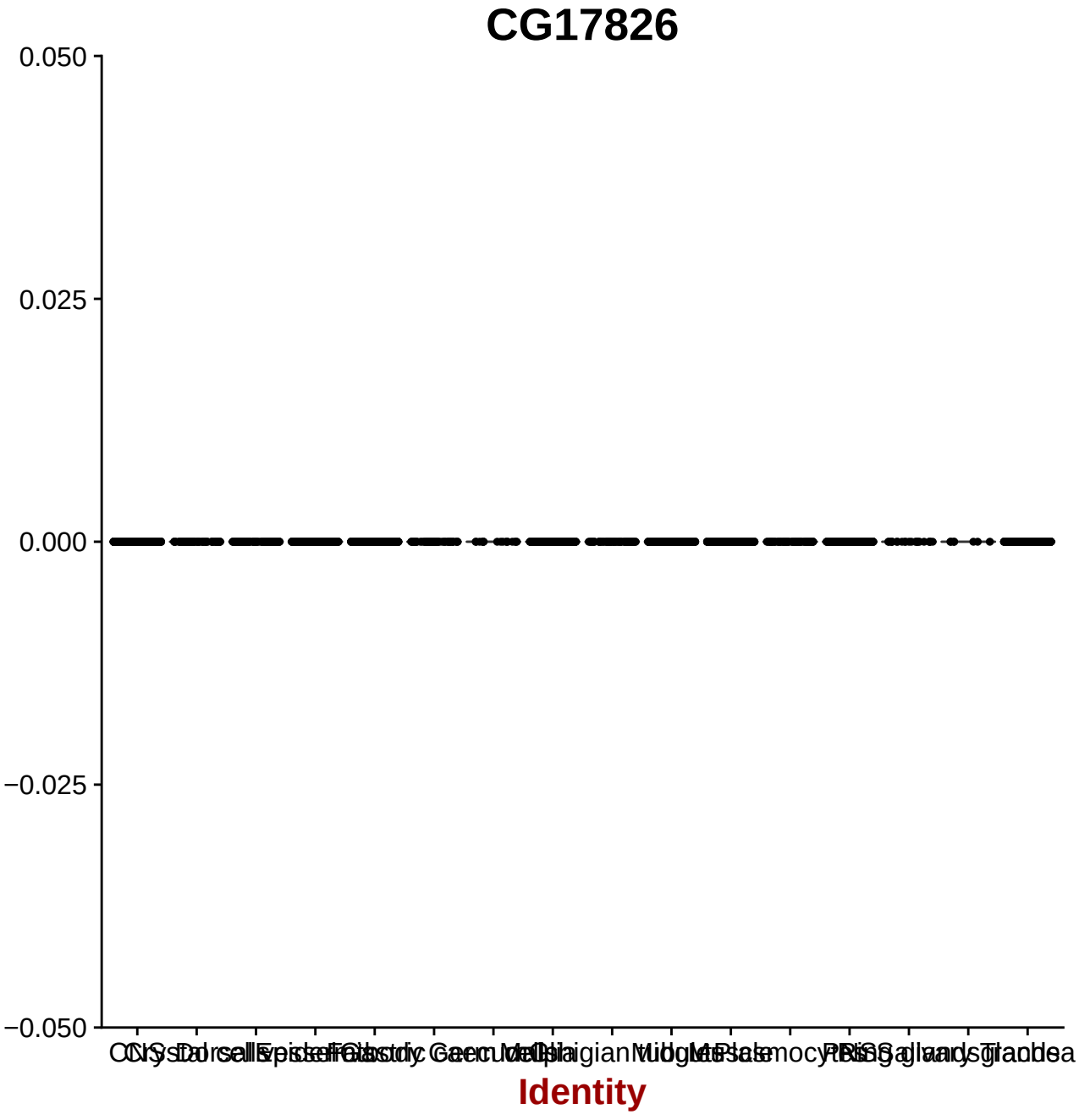
0.10
0.05
0.00
CNS
Dorsal epidermis
Eye
Fat body
Gut
Malpighian tubules
Muscle
Oenocytes
PER
Salivary gland
Trachea
Identity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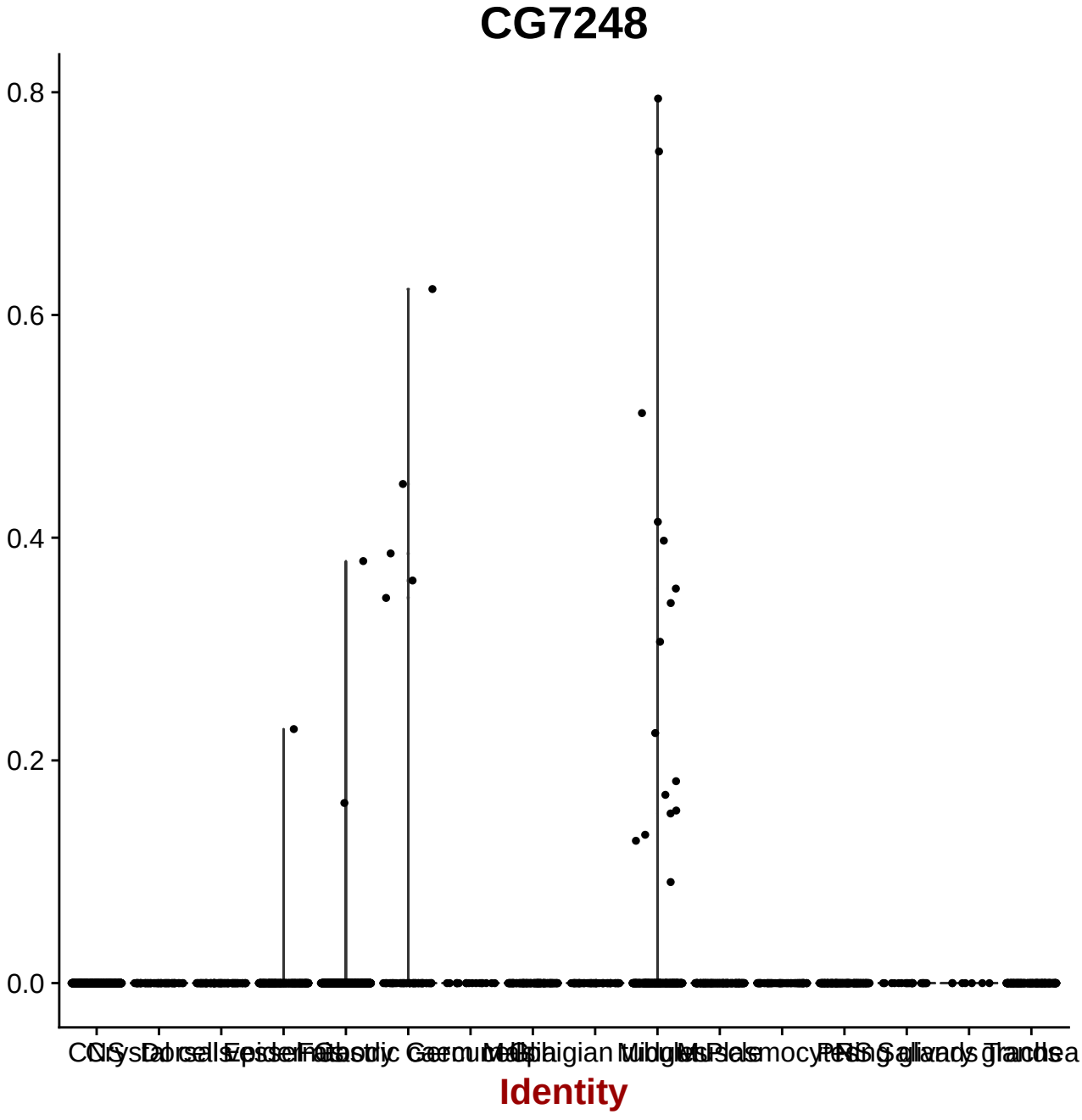
Identity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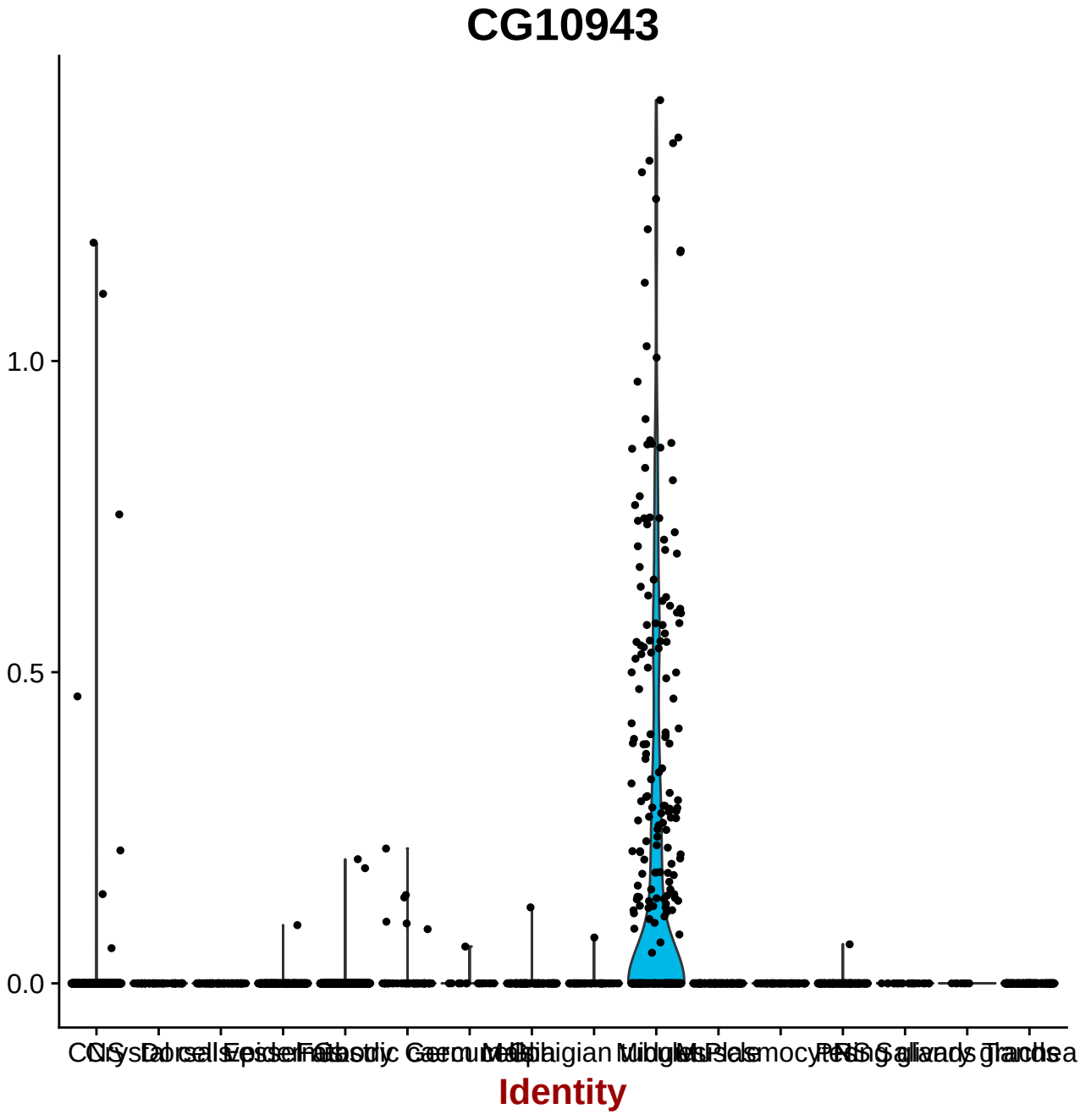
Identity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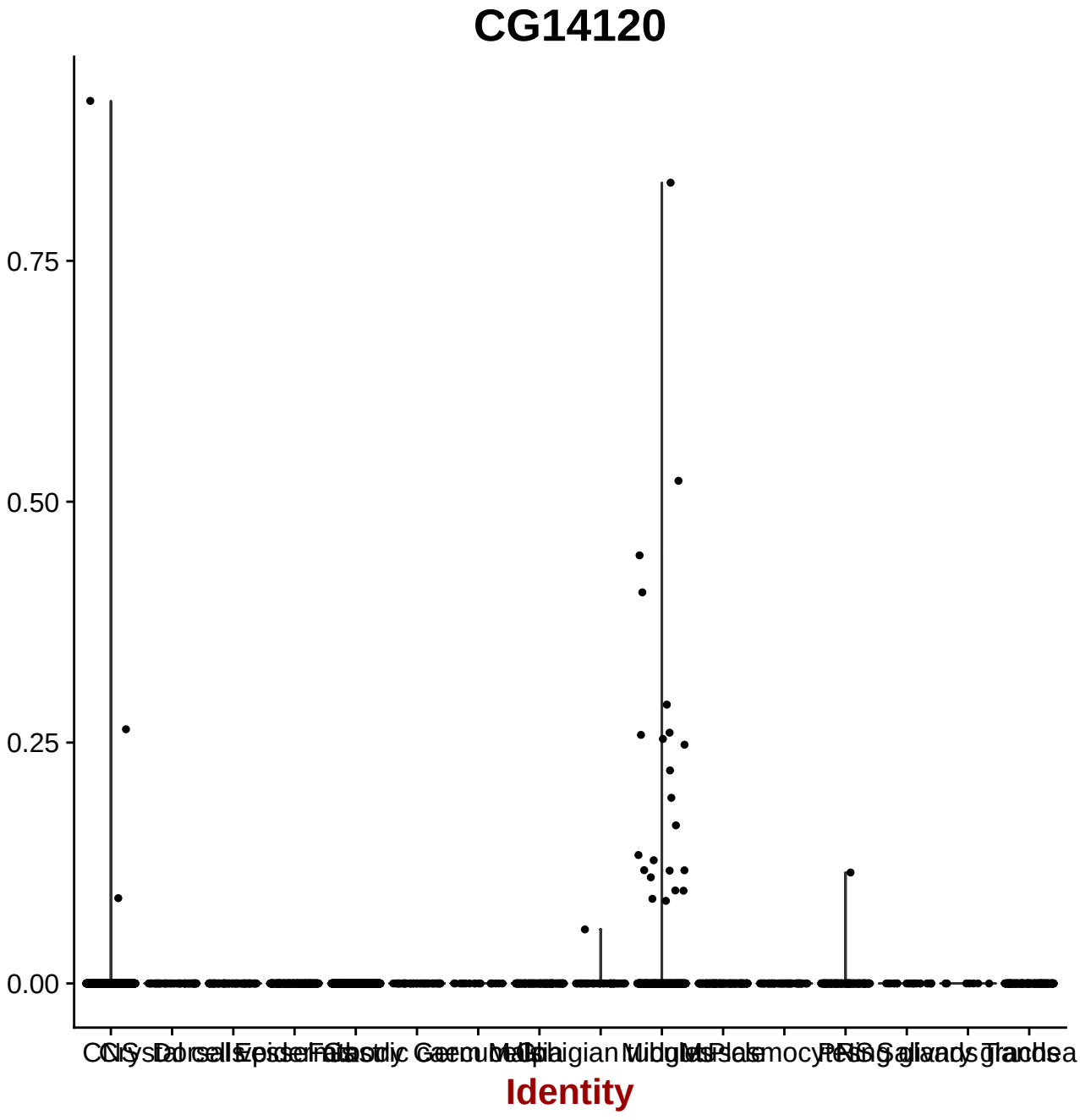
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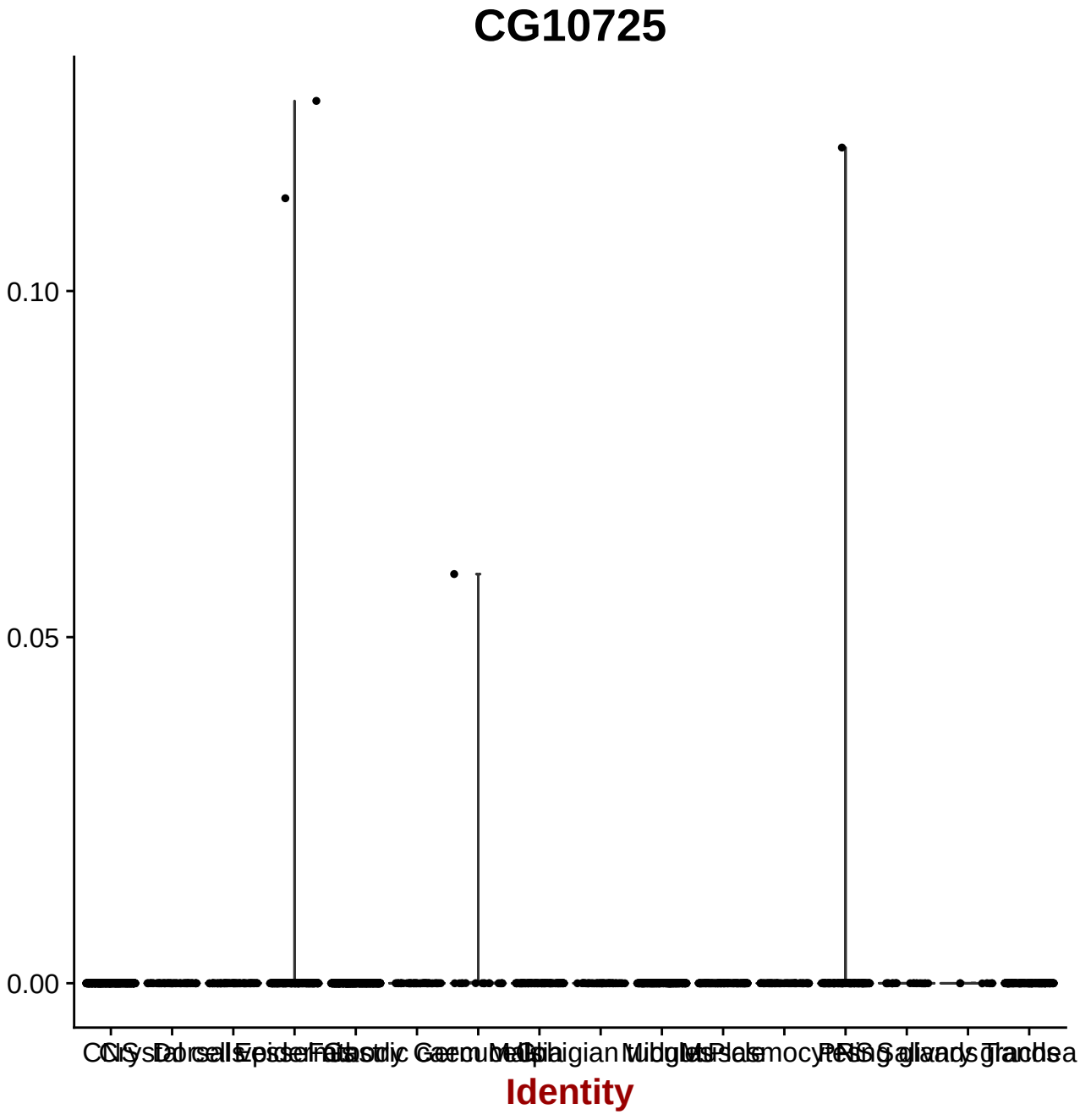
CG10725
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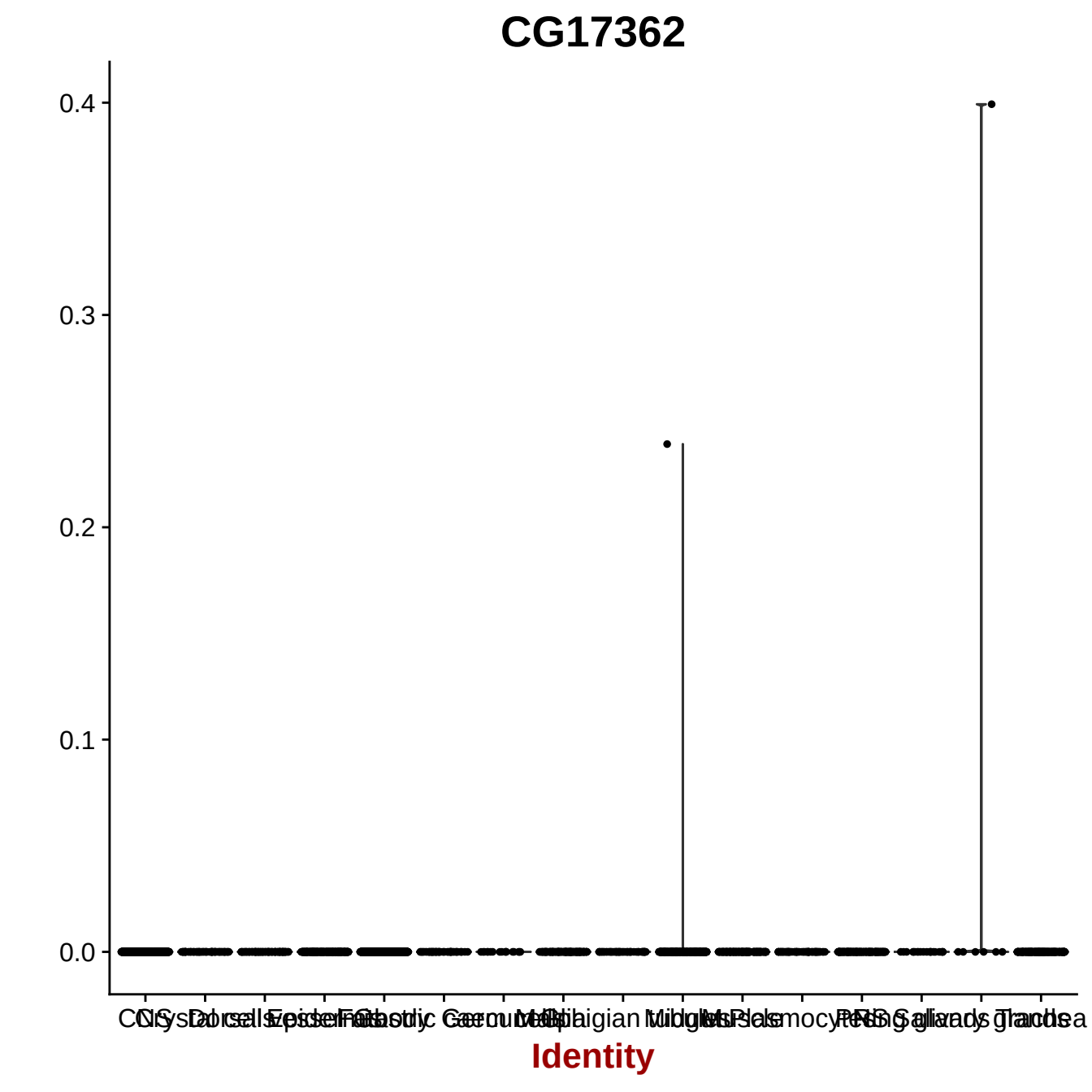
CNS
Dorsal
Epidermis
Fat body
Germ cells
Malpighian tubules
Muscle
Hemocytes
PES
Salivary gland
Trachea
Identity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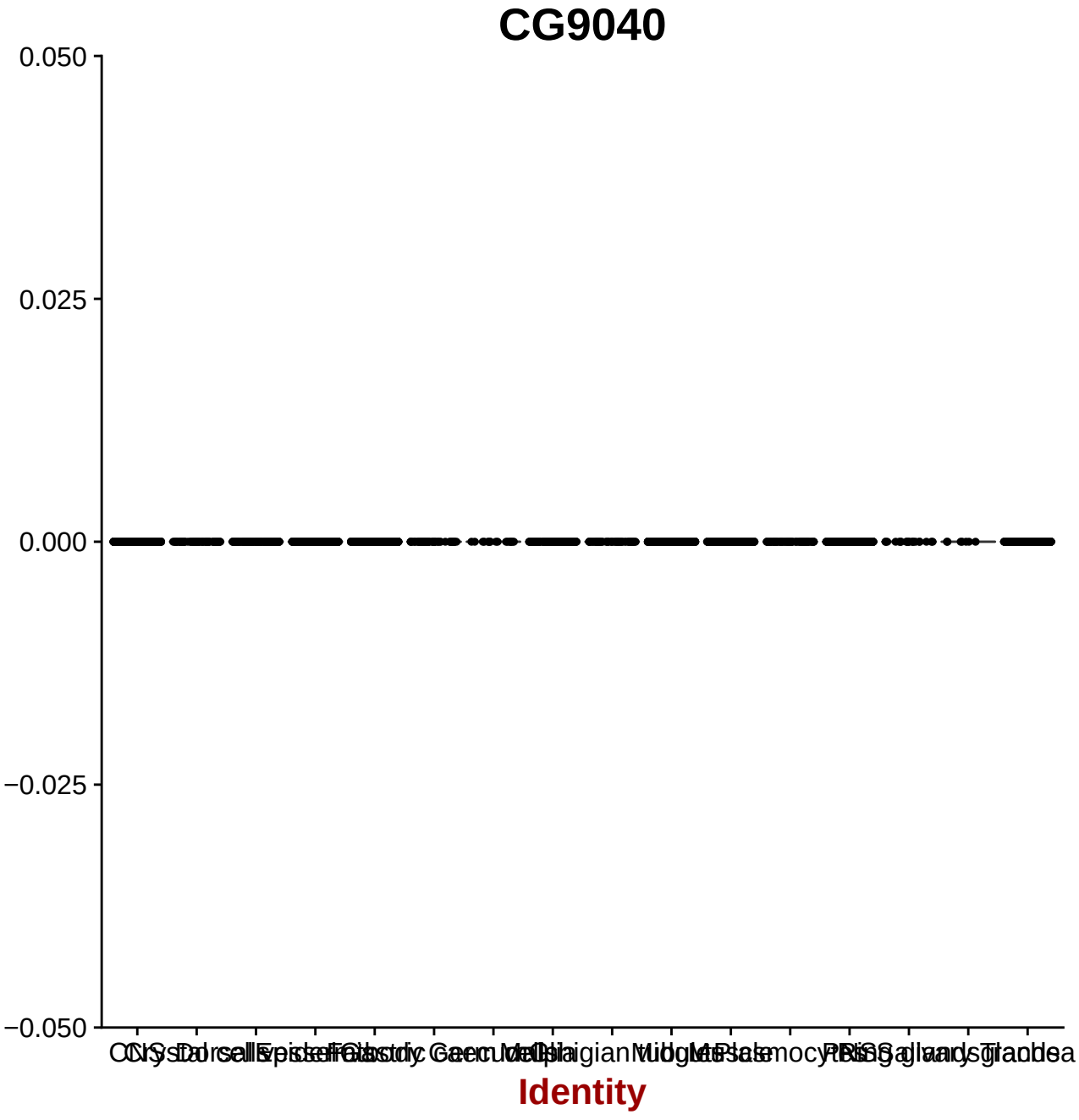
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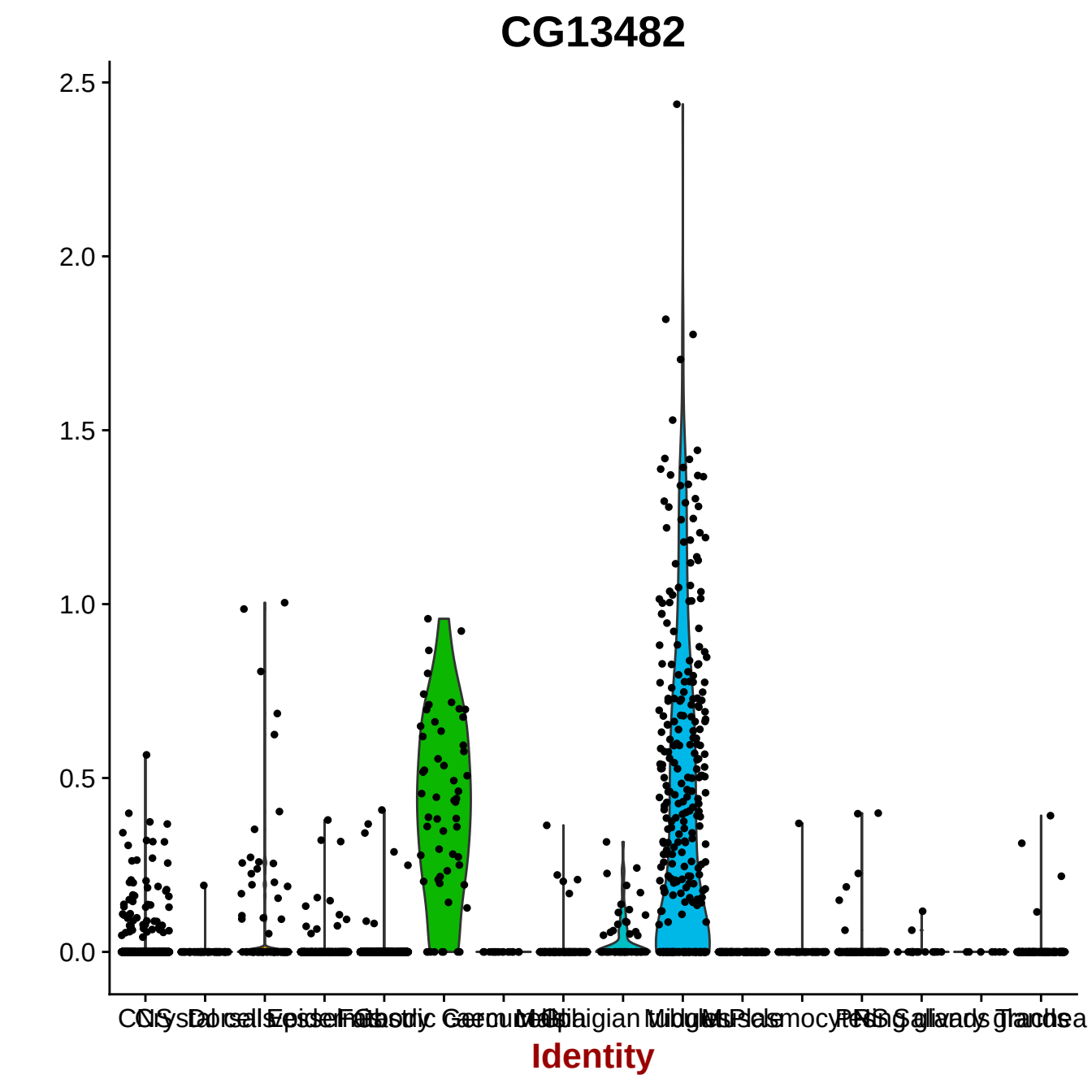
Identity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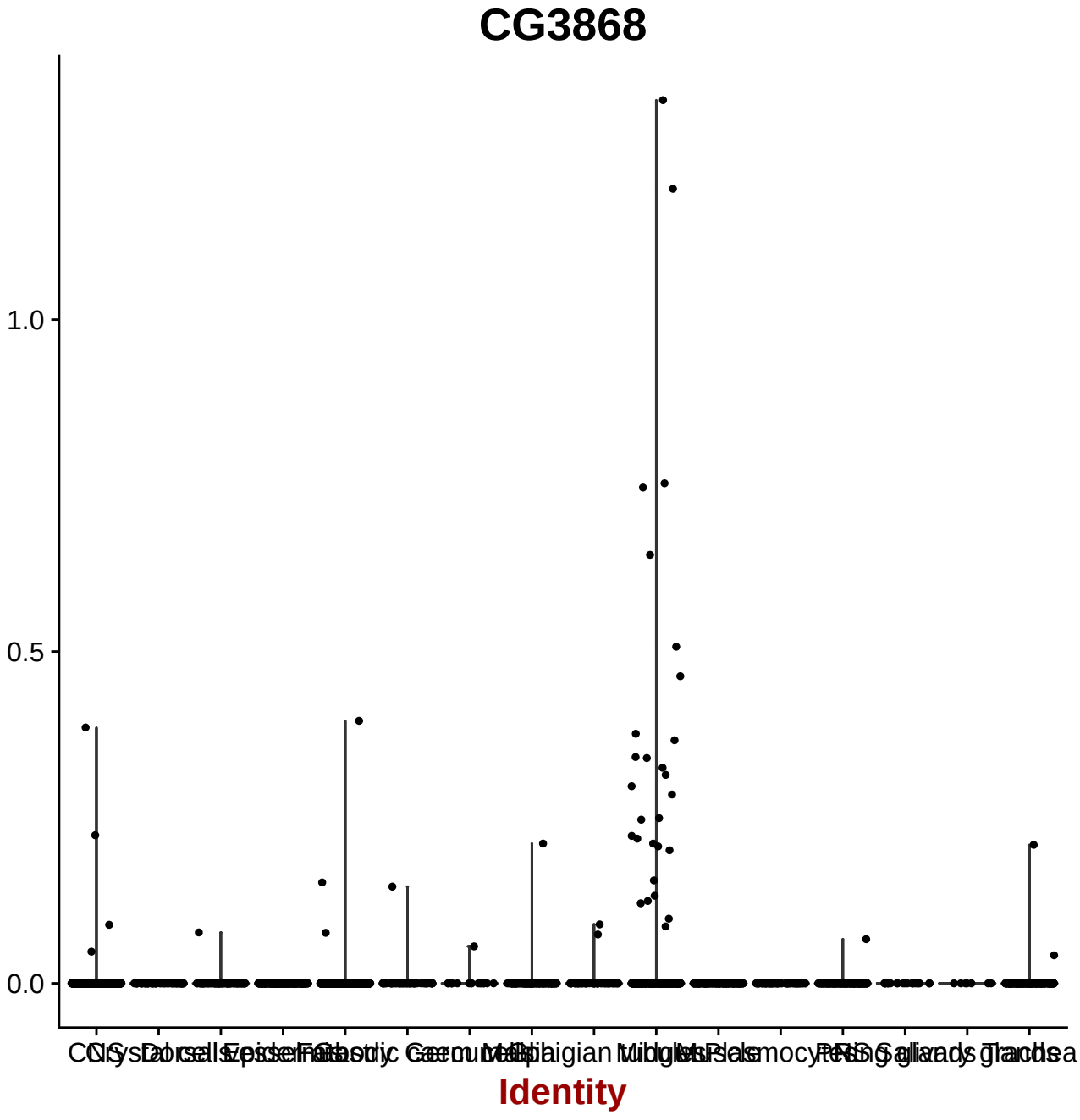
Identity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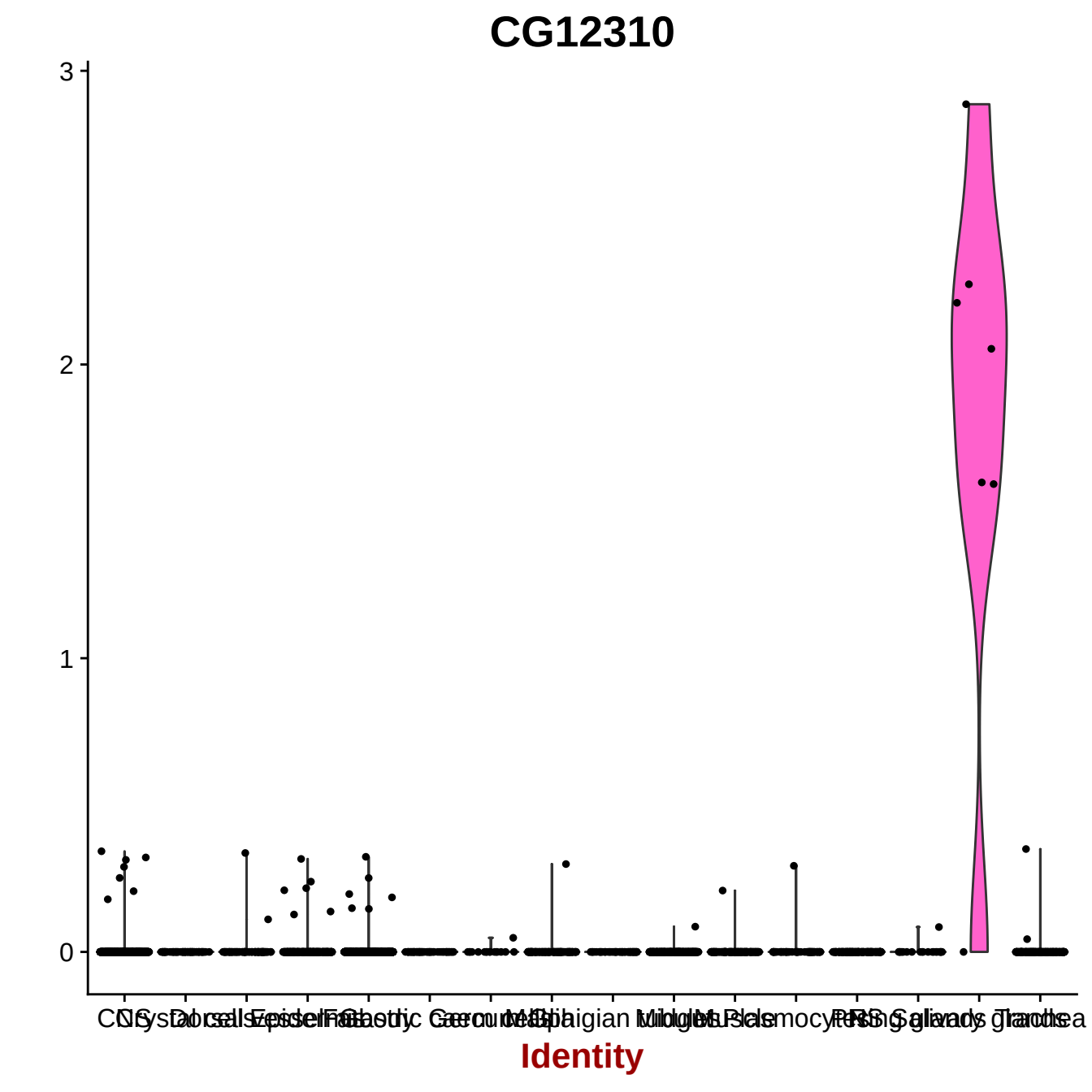
Identity


CG12310
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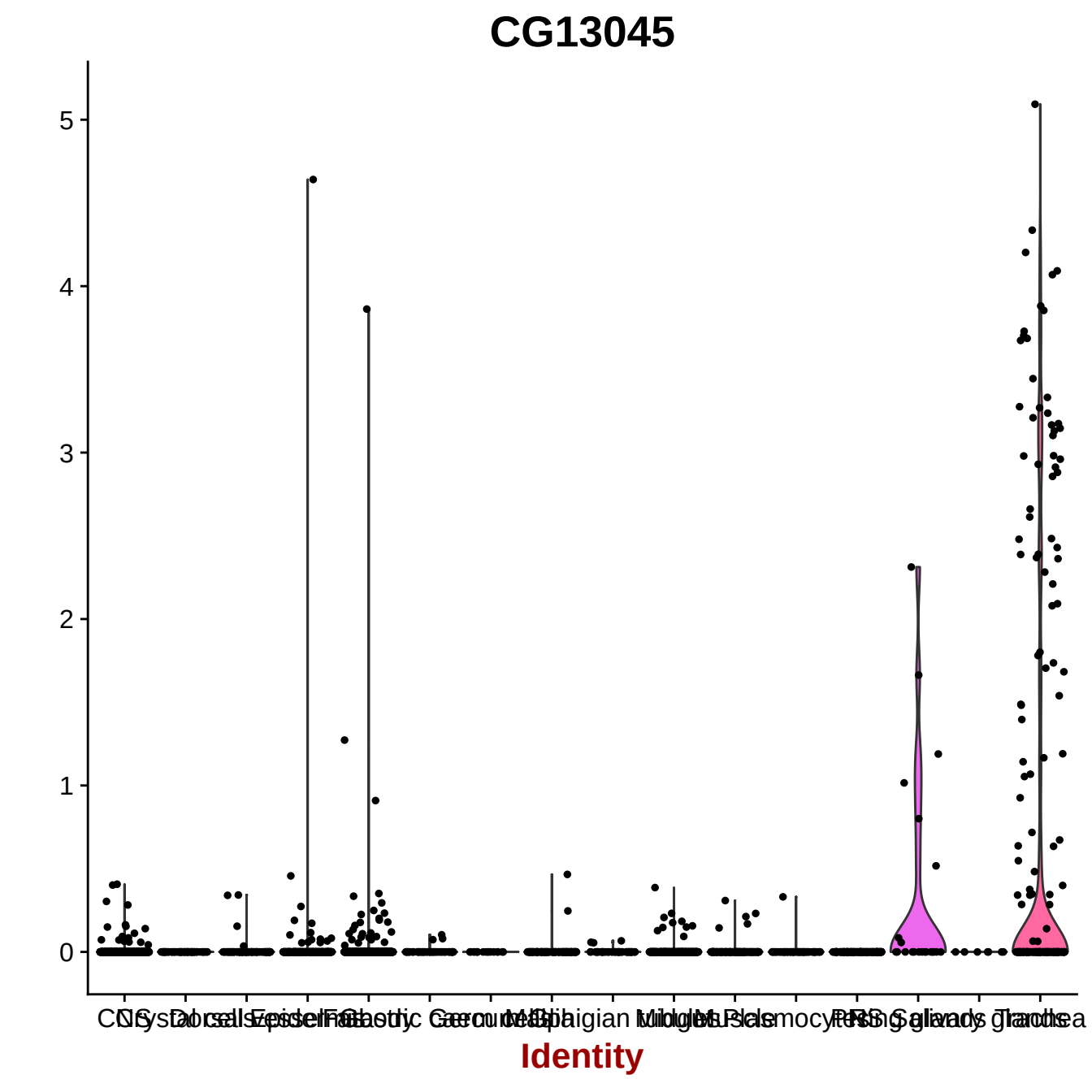
CNS
Dorsal epidermis
Crystal cell
Vessel
Fat body
Elastic
Gut
Germ cells
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG13045
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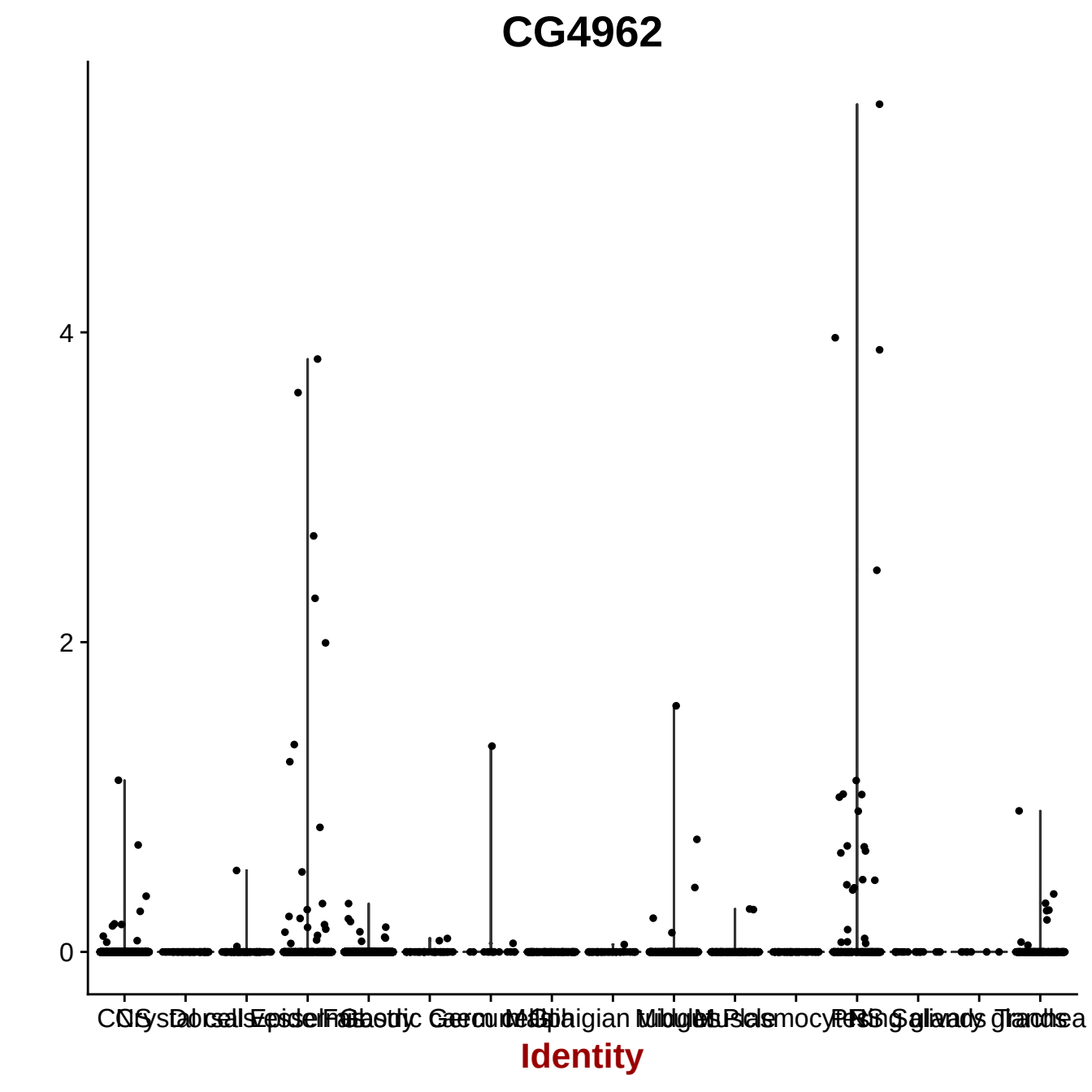
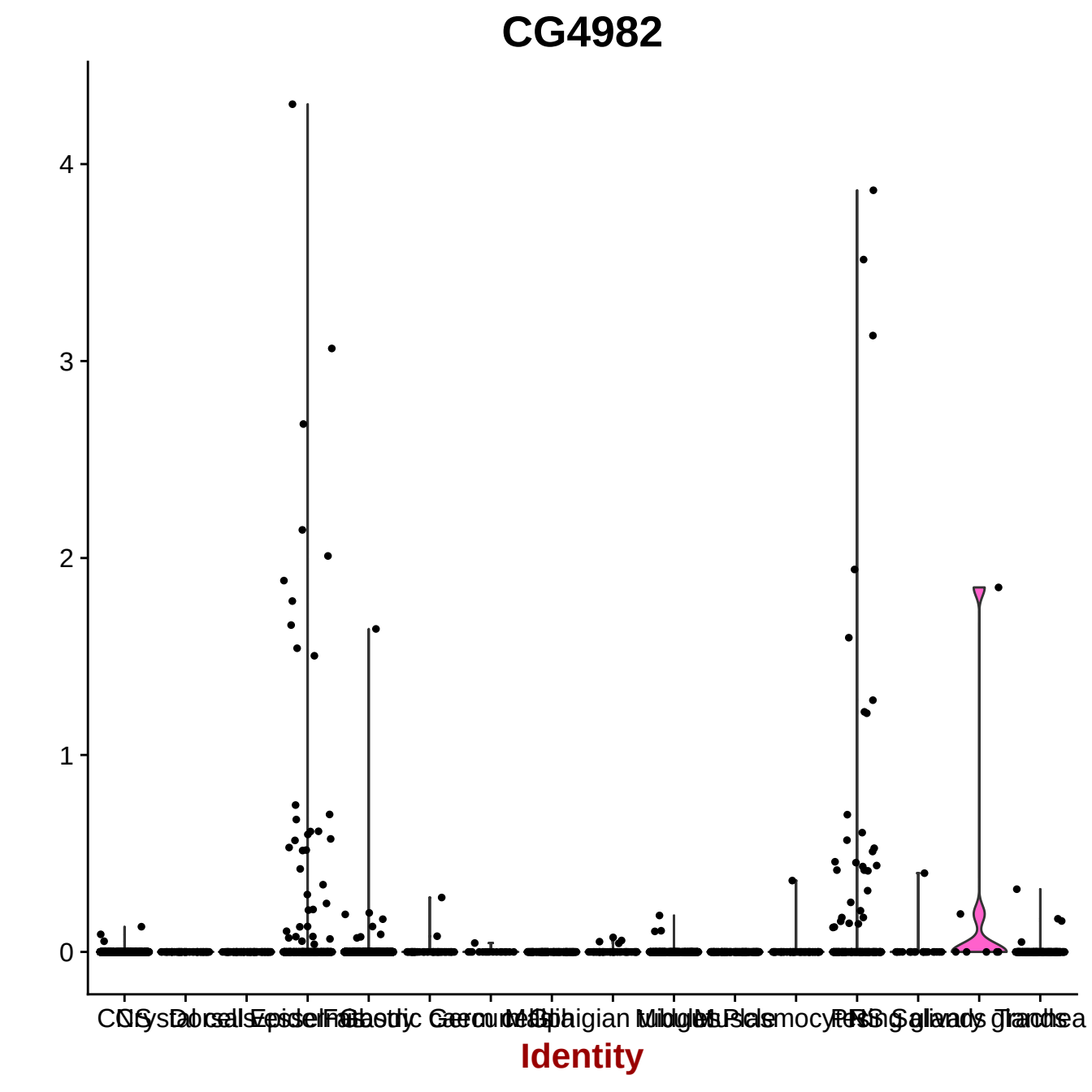
4
3
2
1
0
CNS
Dorsal Epidermis
Epidermis
Elastic Carcinoma
Malpighian tubules
Hemocytes
PRS Glands
Trachea
Identity


CG4962
4
2
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscles
PNS
Salivary gland
Trachea
Identity


CG4982
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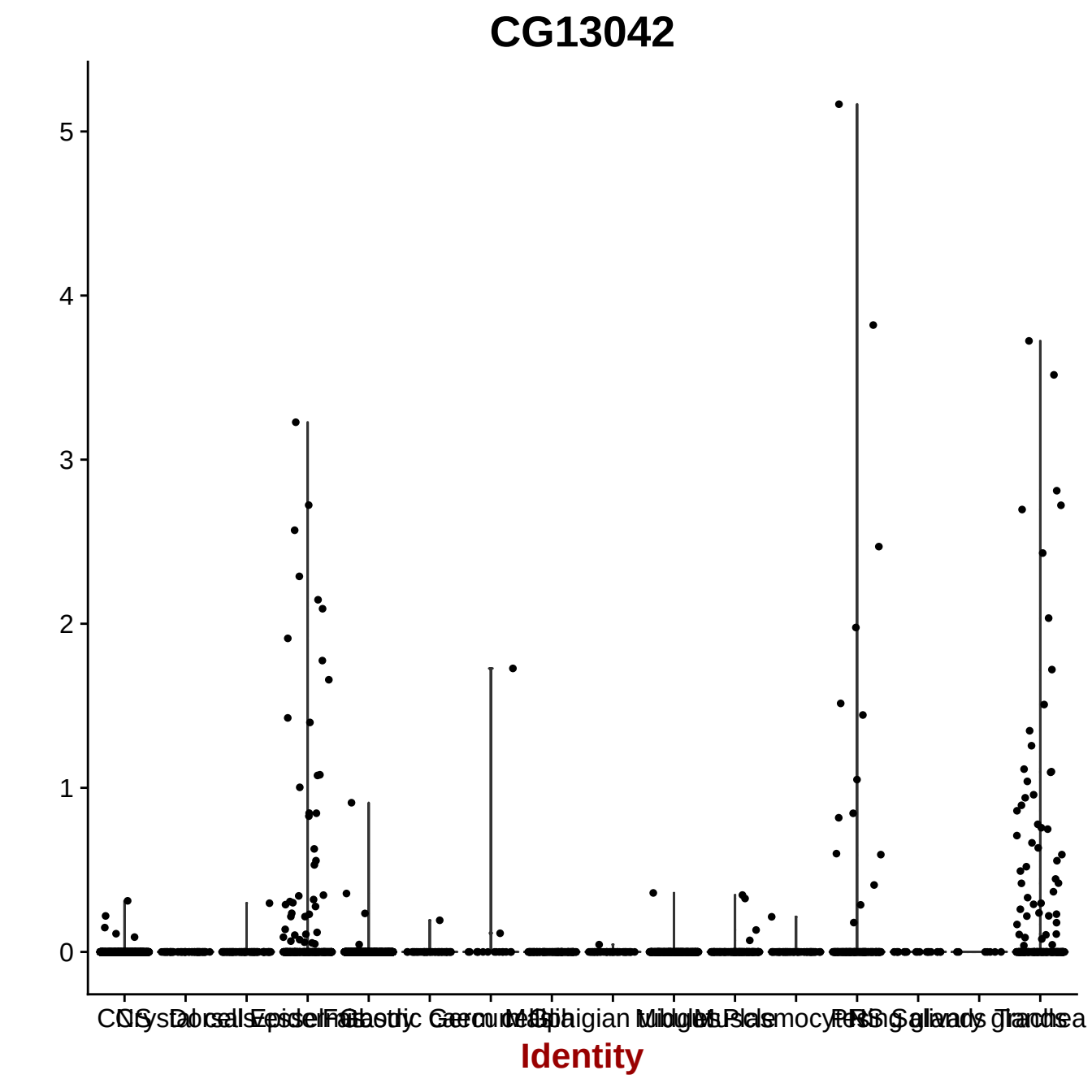
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG13042
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3
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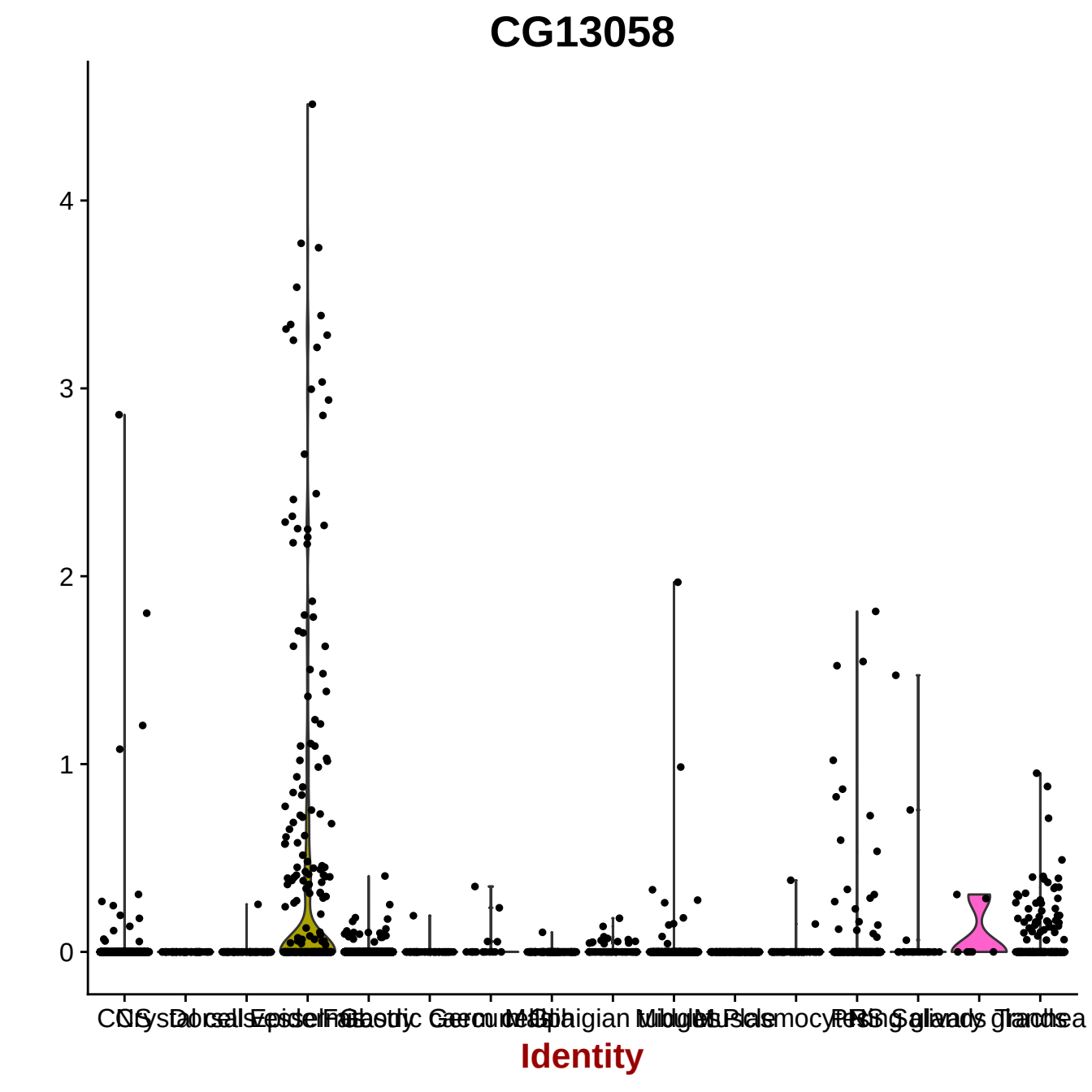
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG13058
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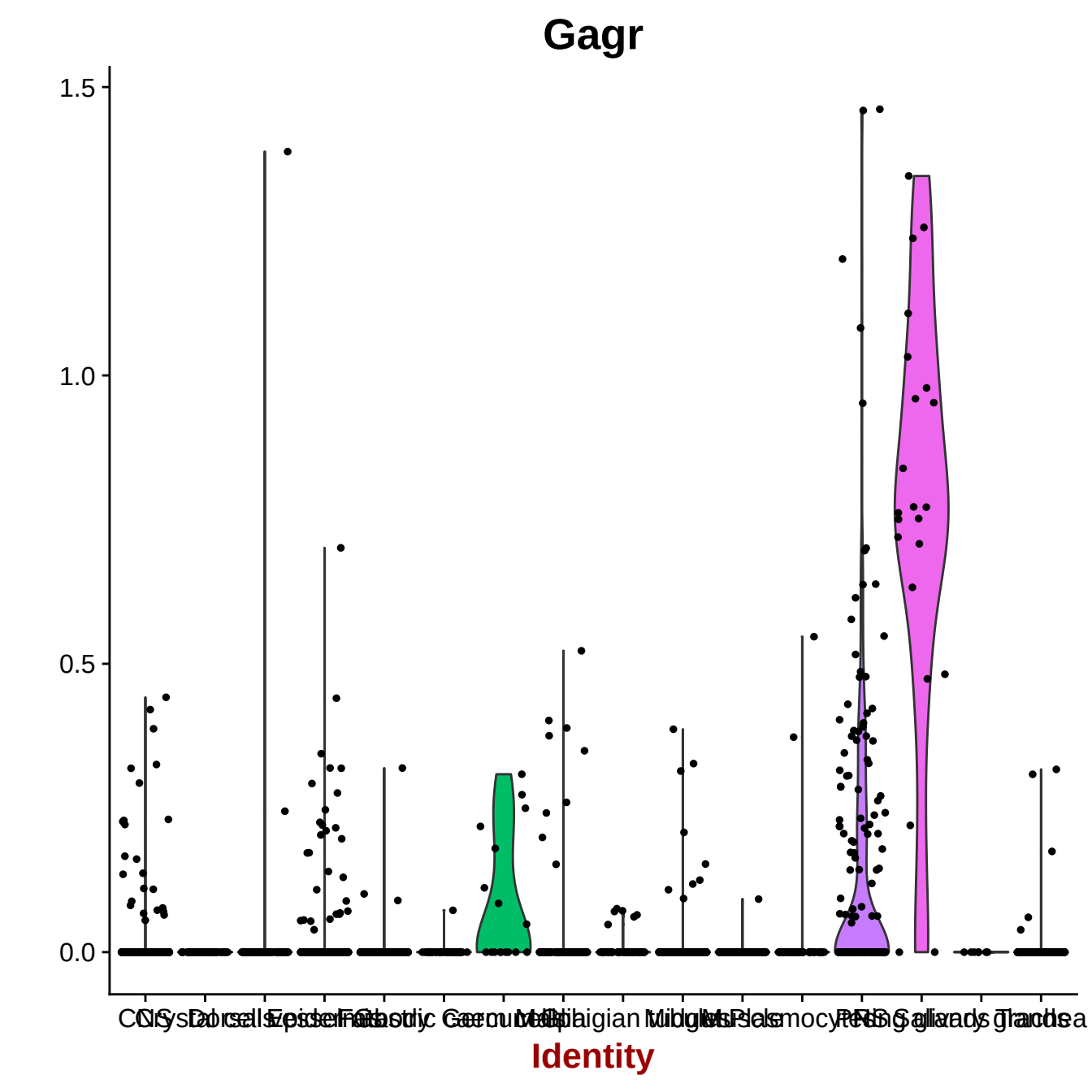
CNS
Dorsal epidermis
Epidermis
Elastic
Gut
Malpighian
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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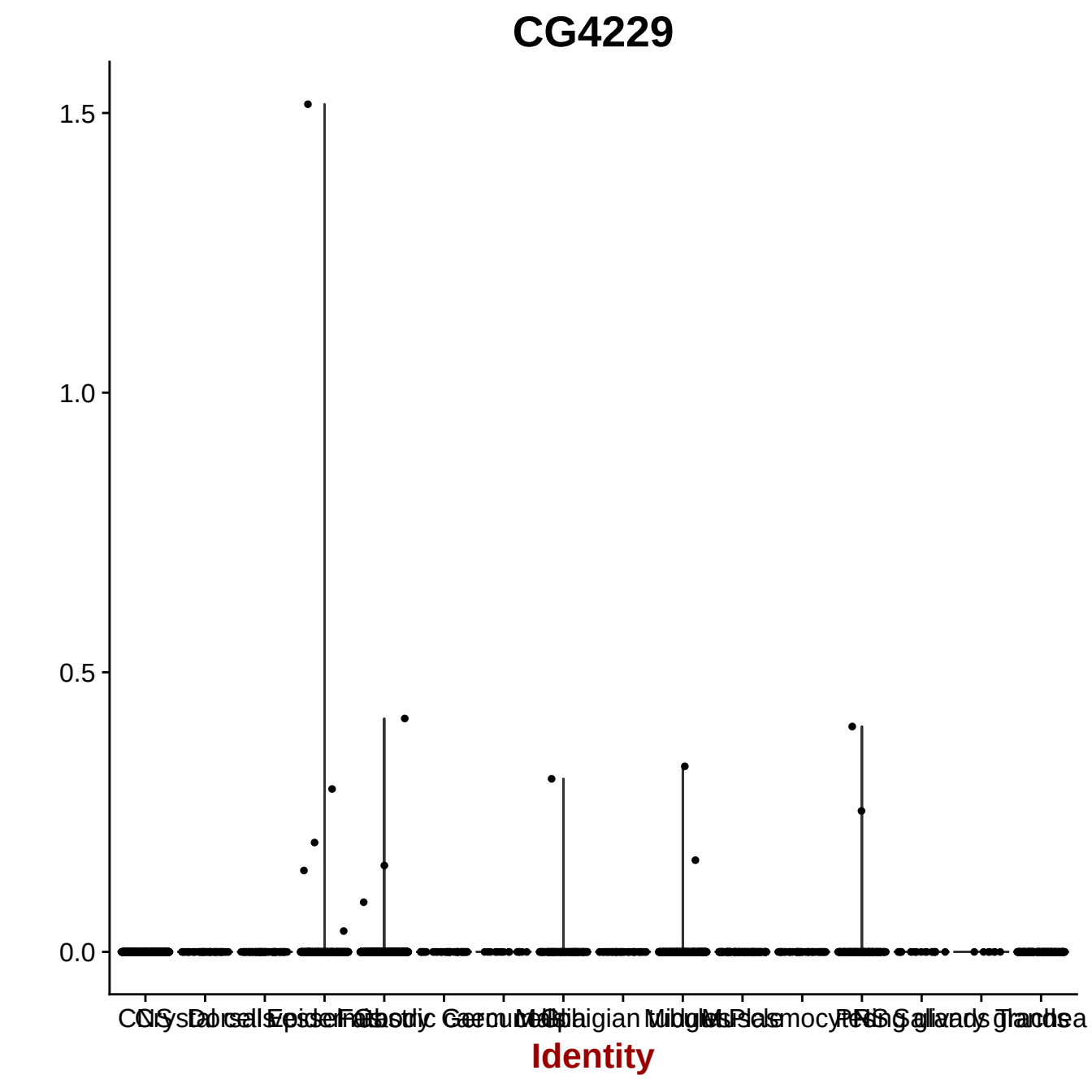
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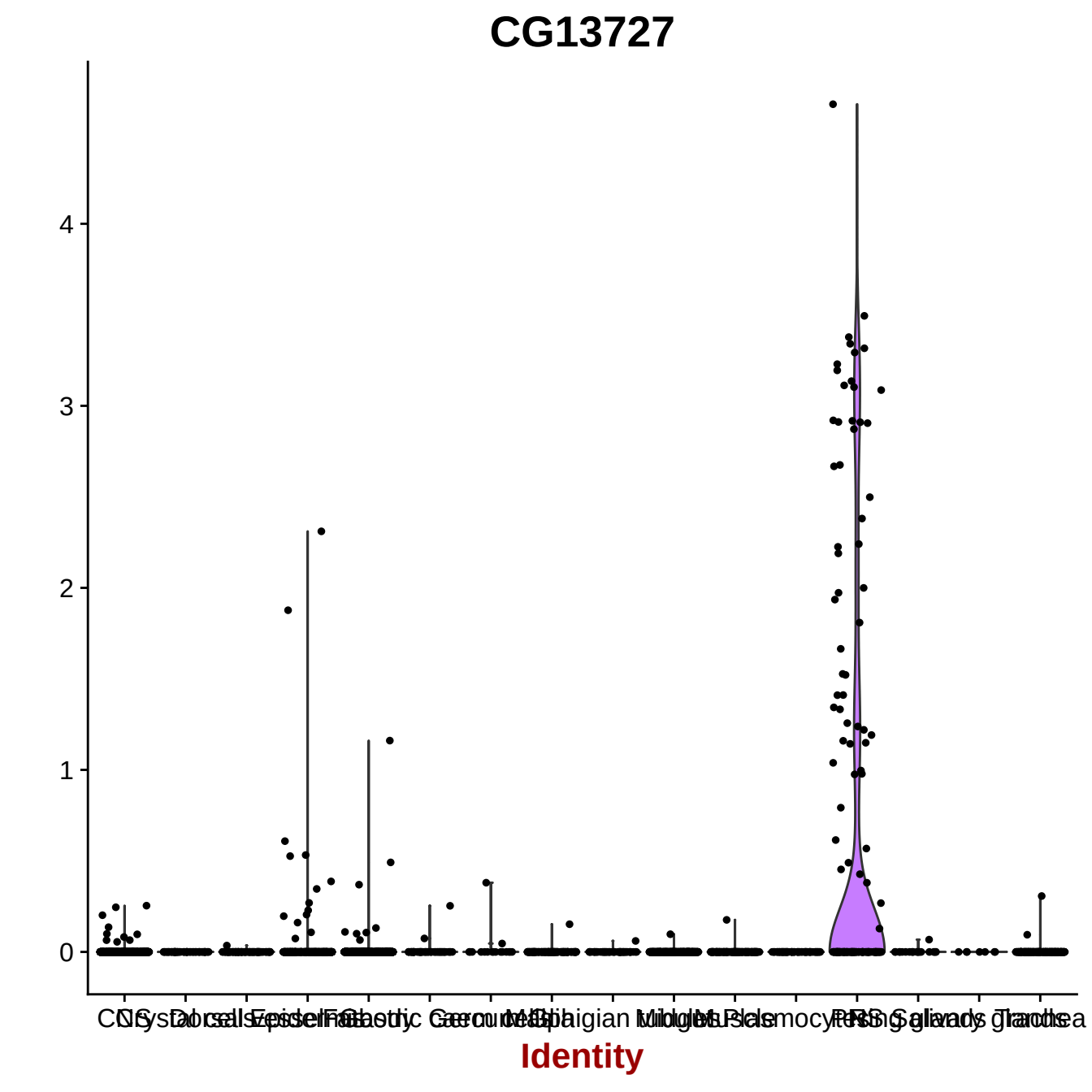
CG13727
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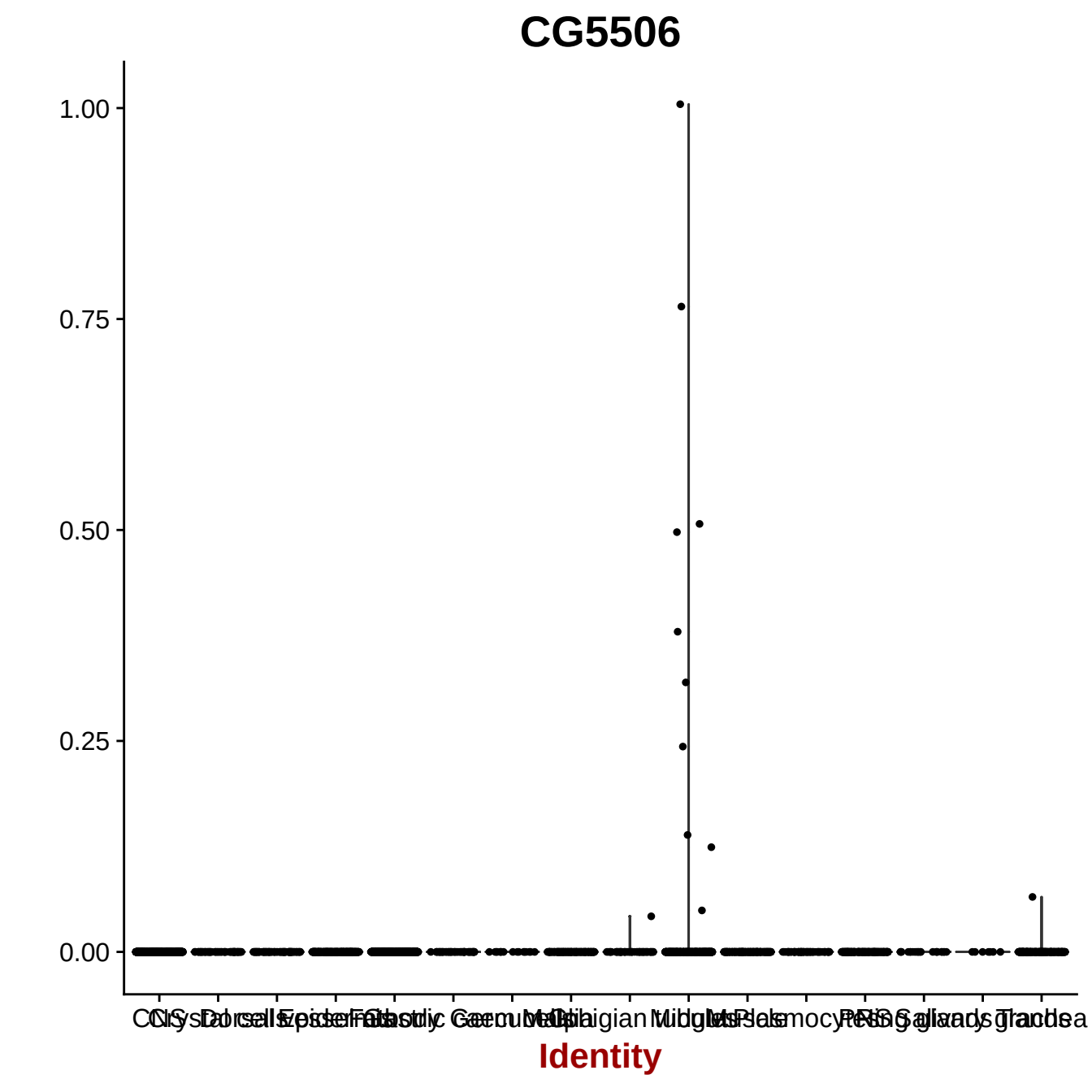
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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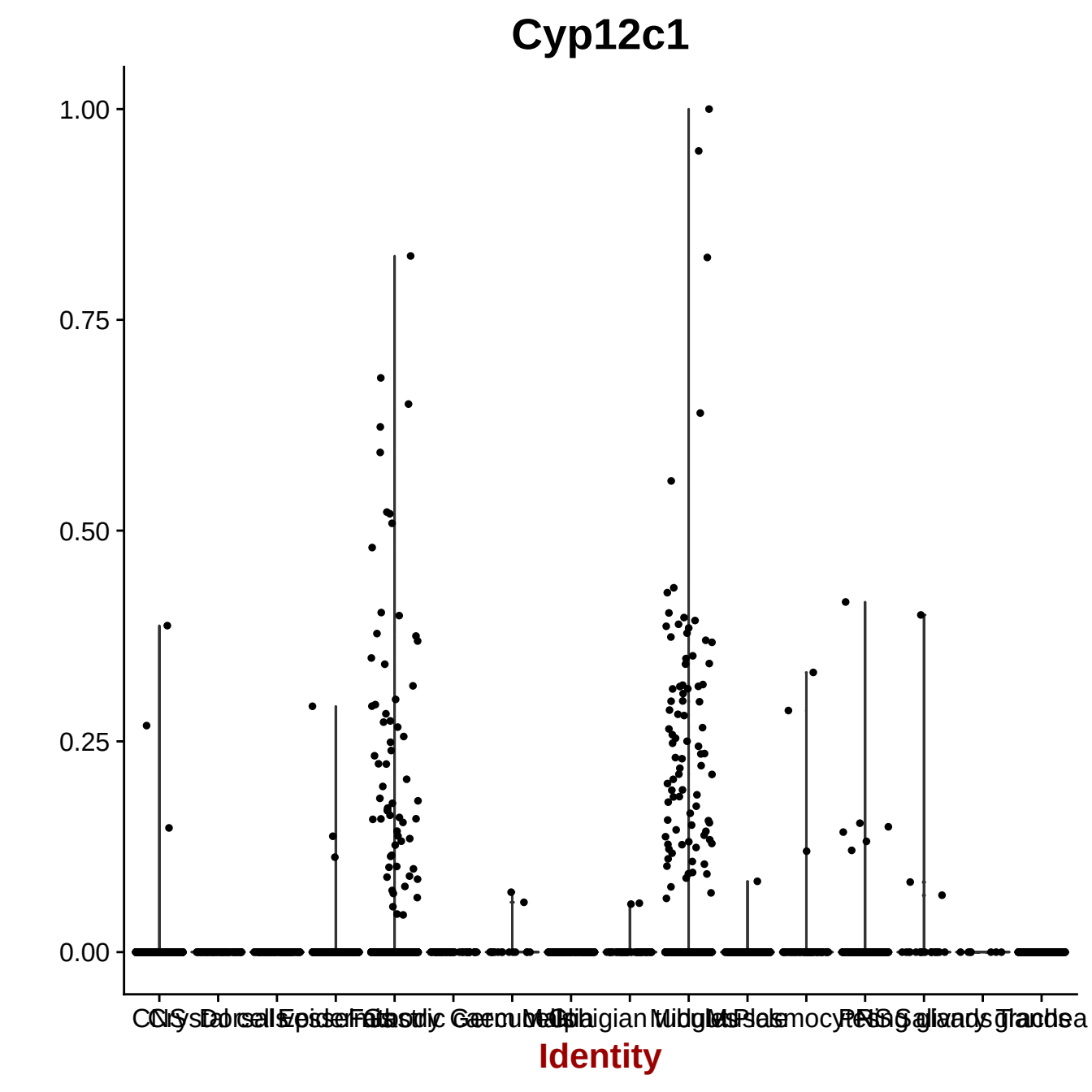
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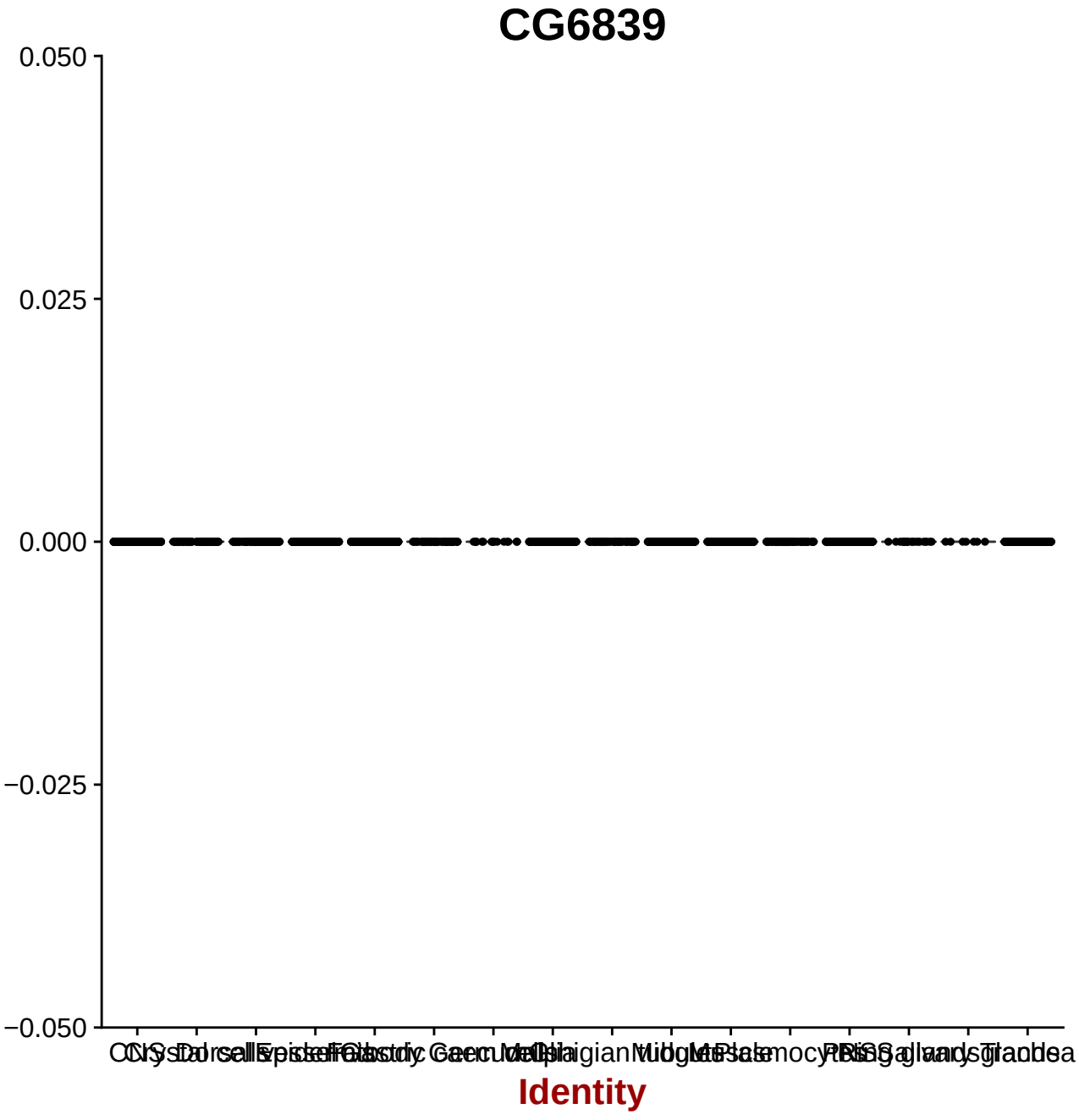
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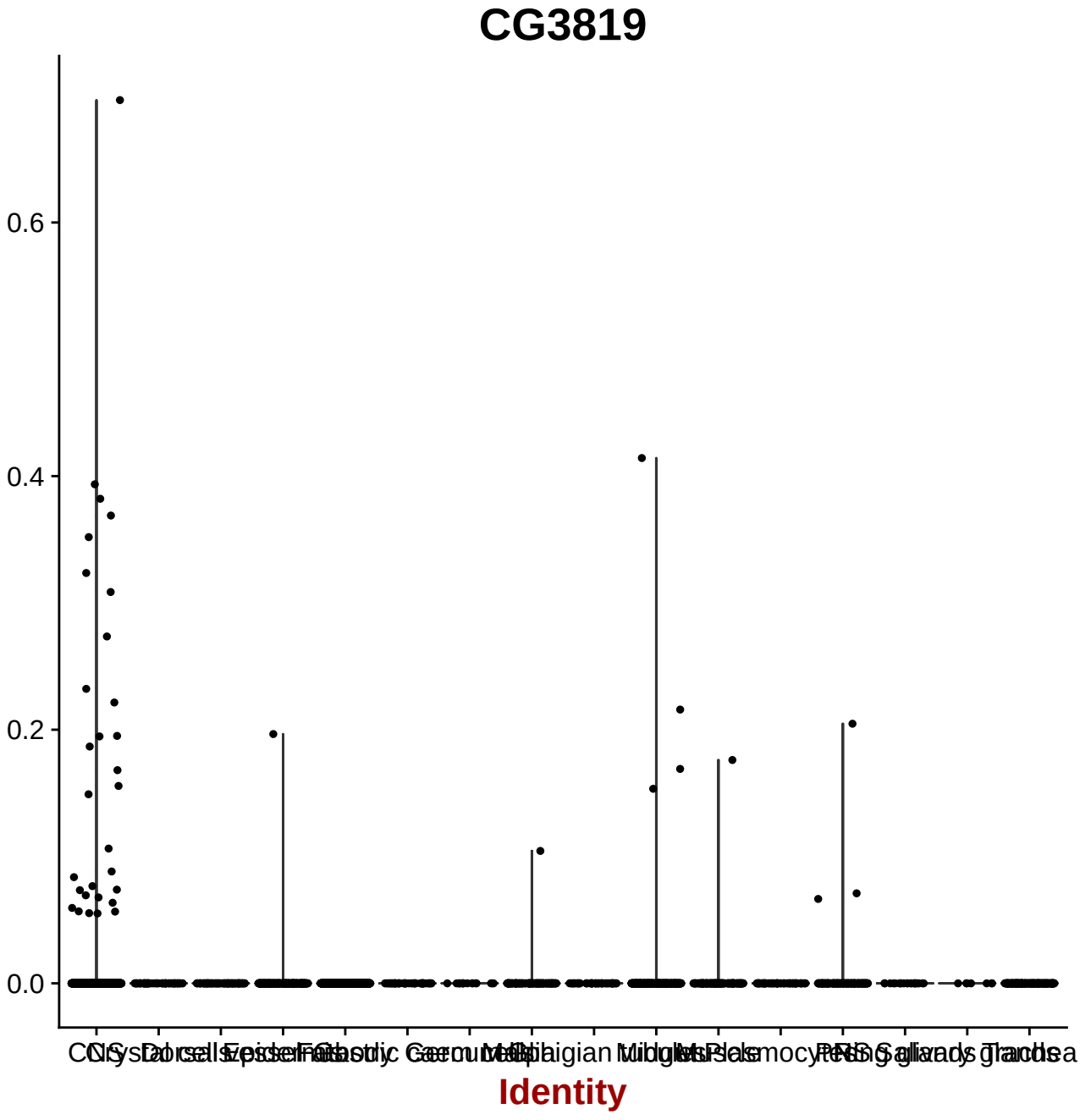
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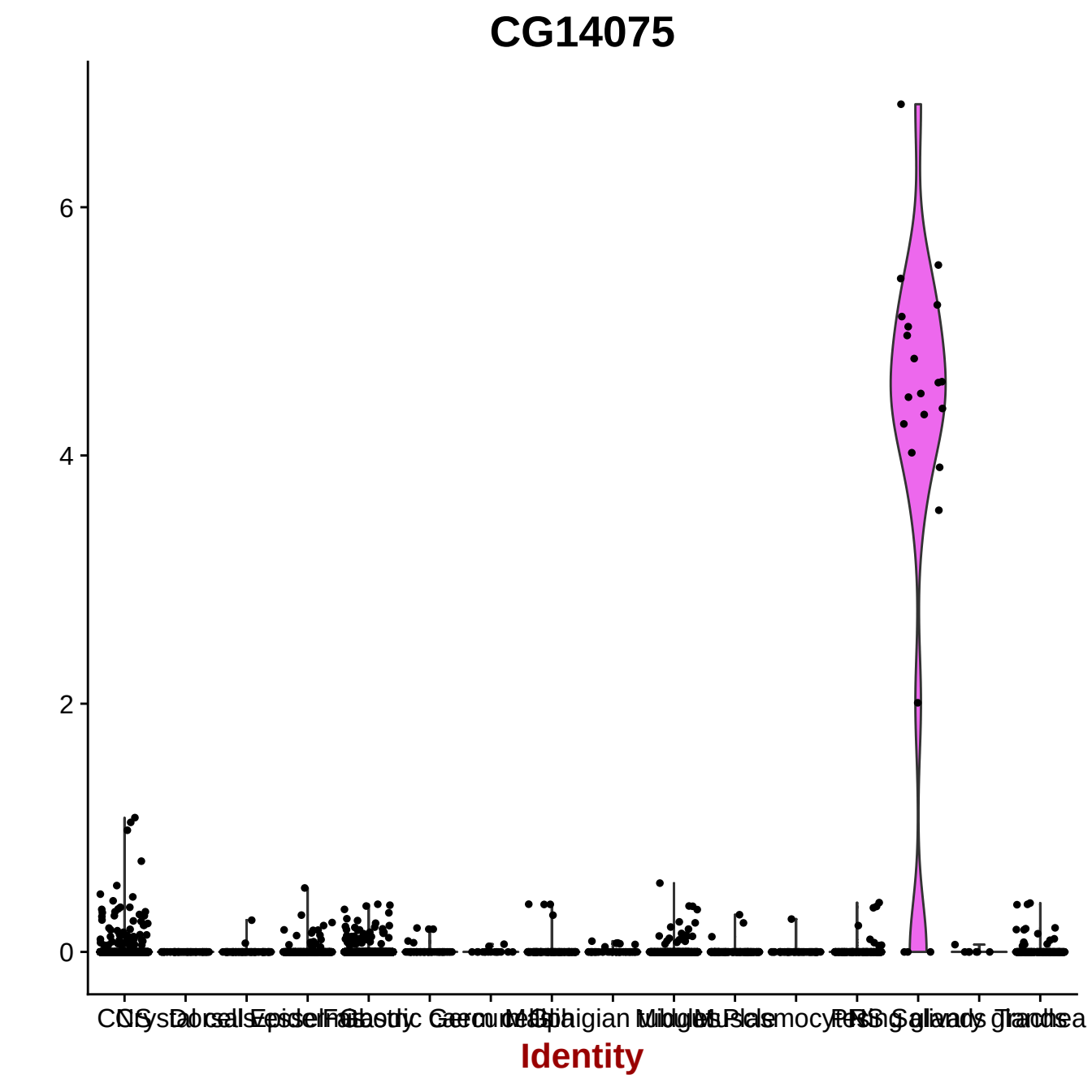
CG14075
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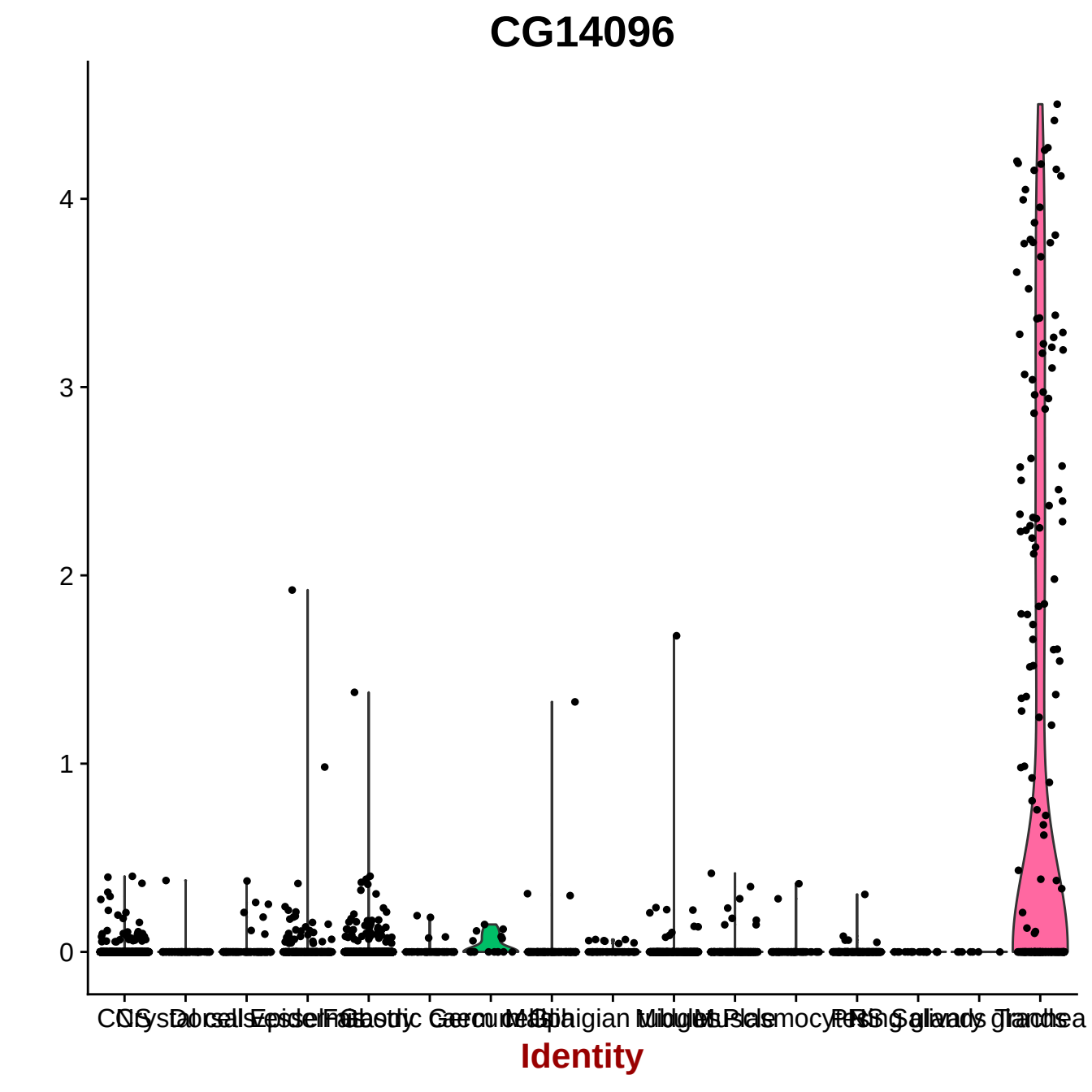
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscles
PNS
Salivary glands
Trachea
Identity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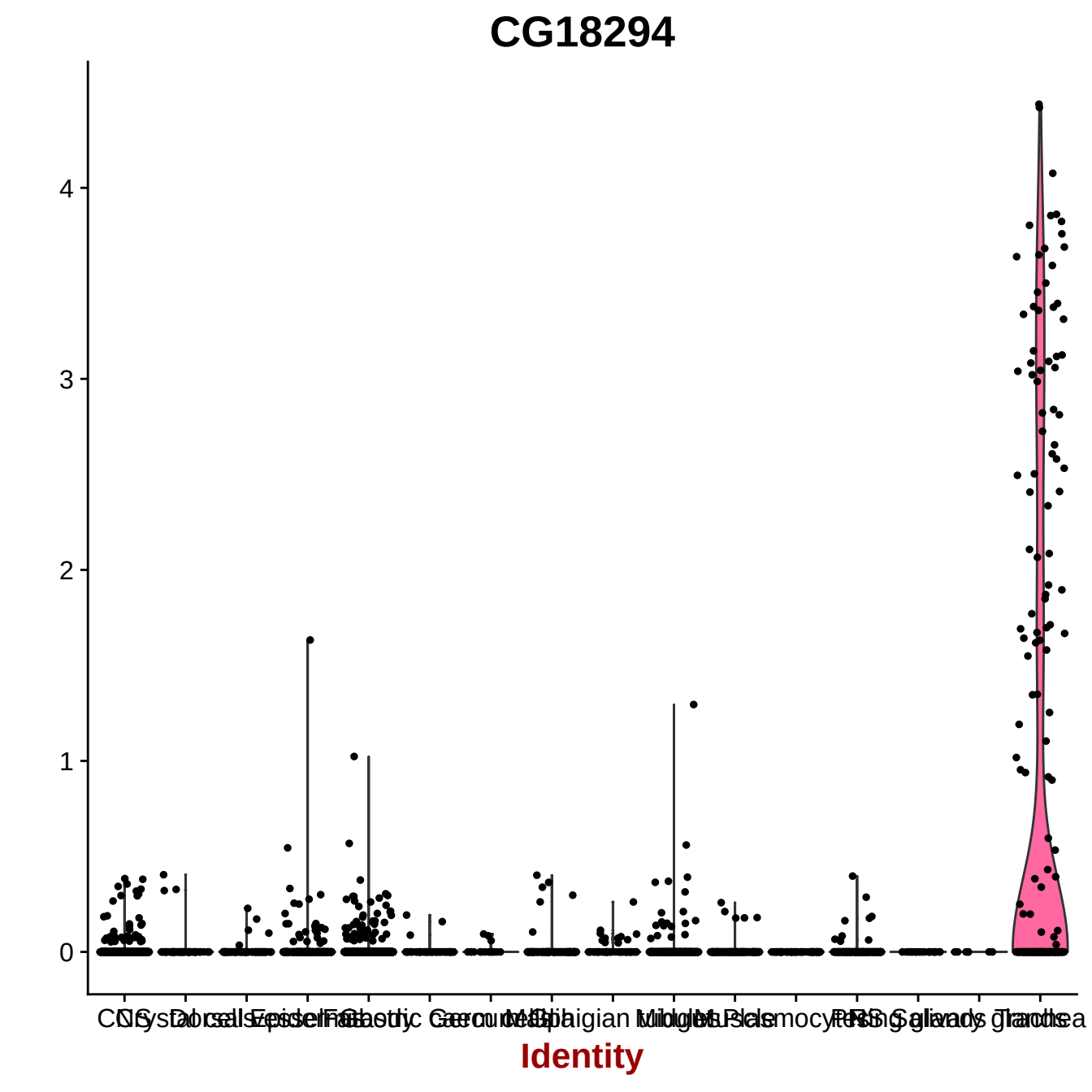
CNS
Dorsal Epidermis
Gastric Caecum
Malpighian tubules
Hindgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG18294
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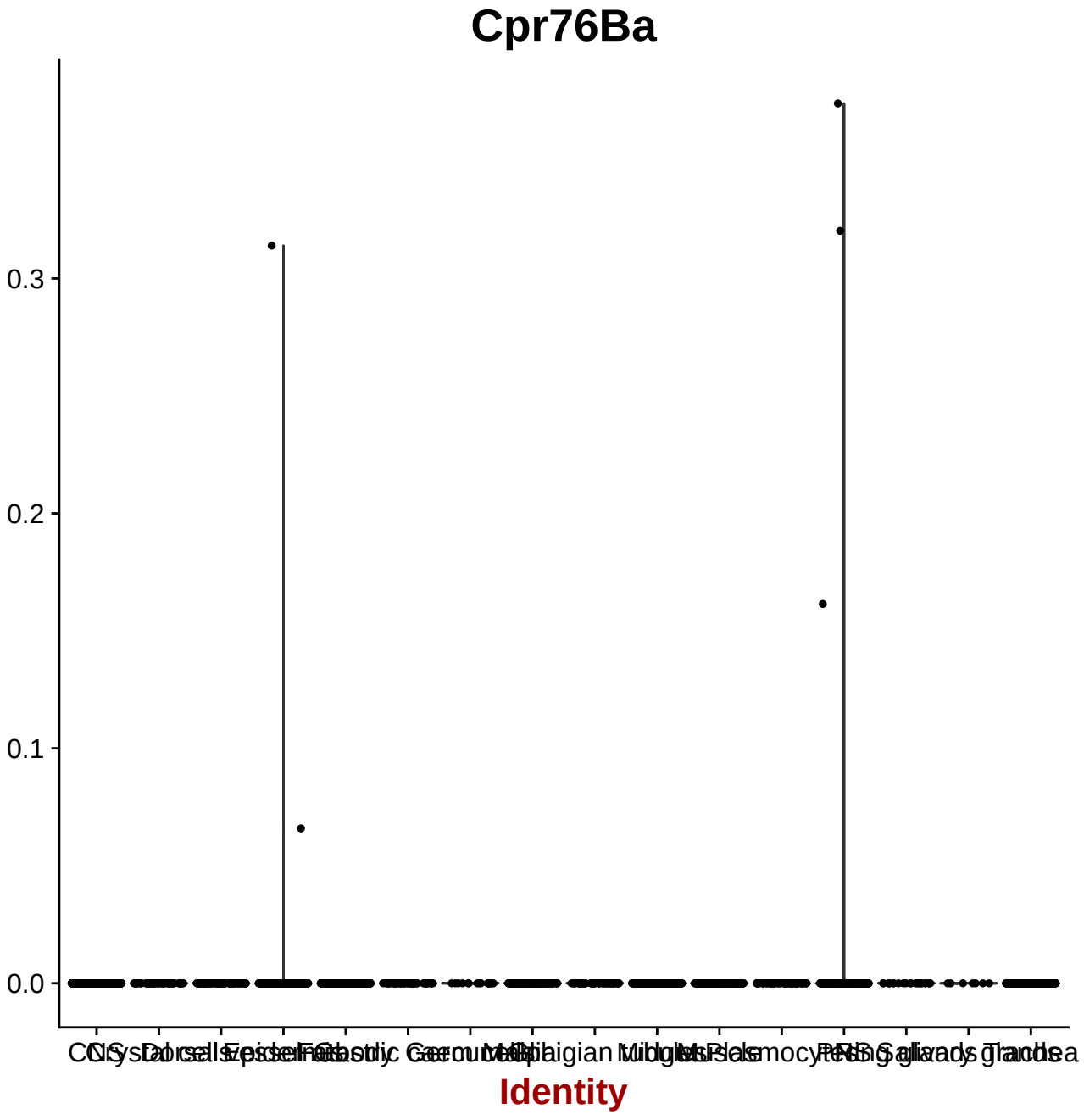
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscles
PNS
Salivary gland
Trachea
Identity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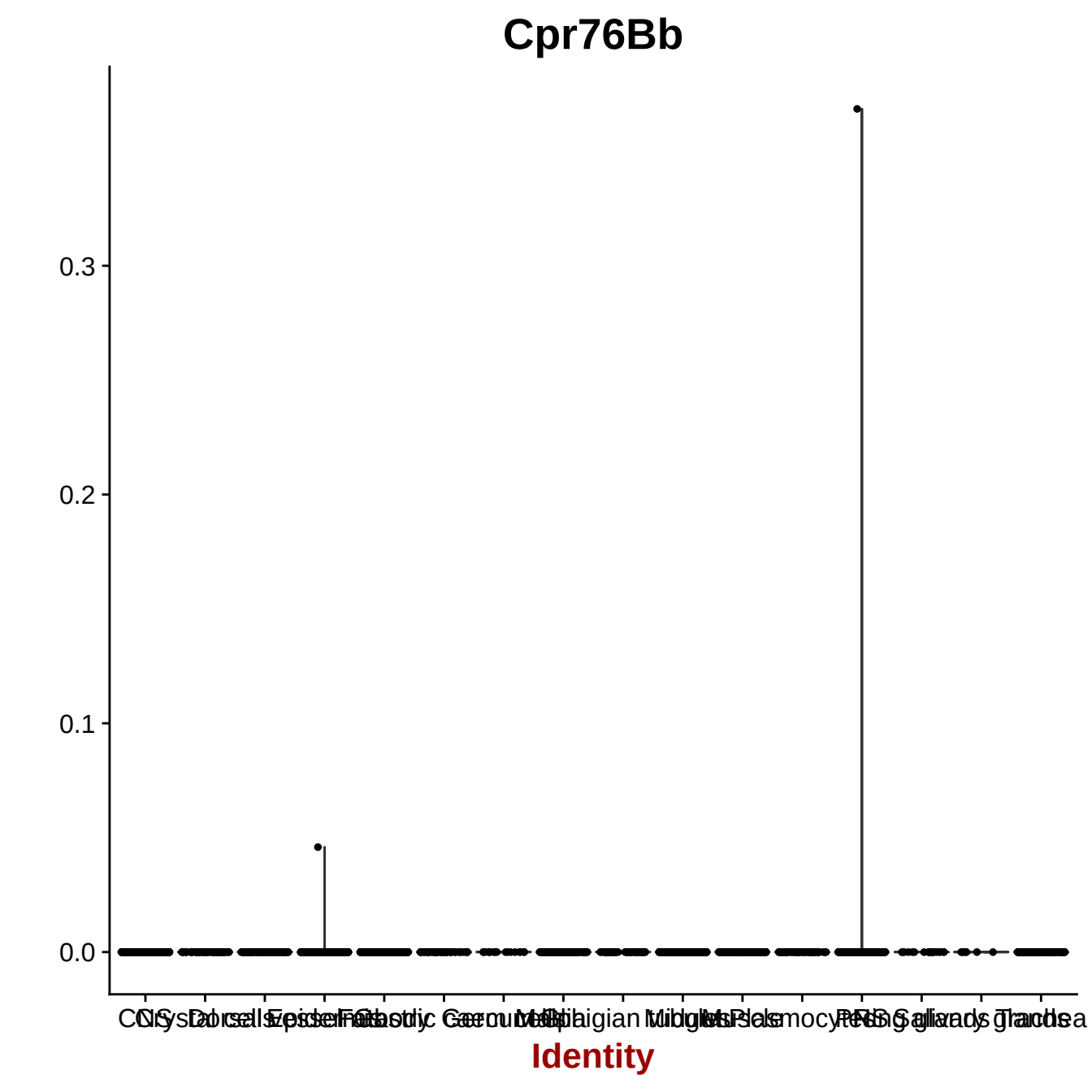
Cpr76Bb
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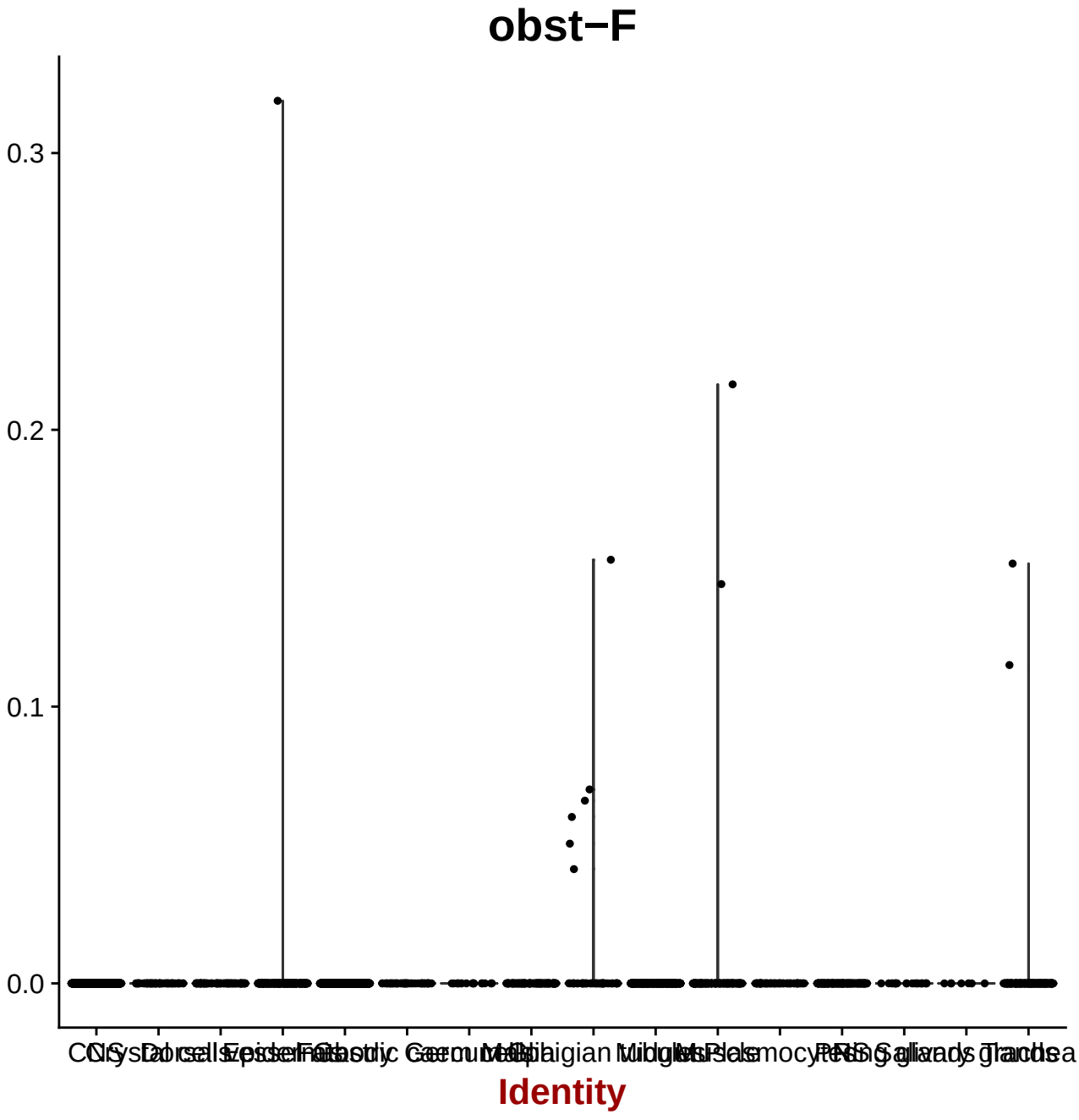
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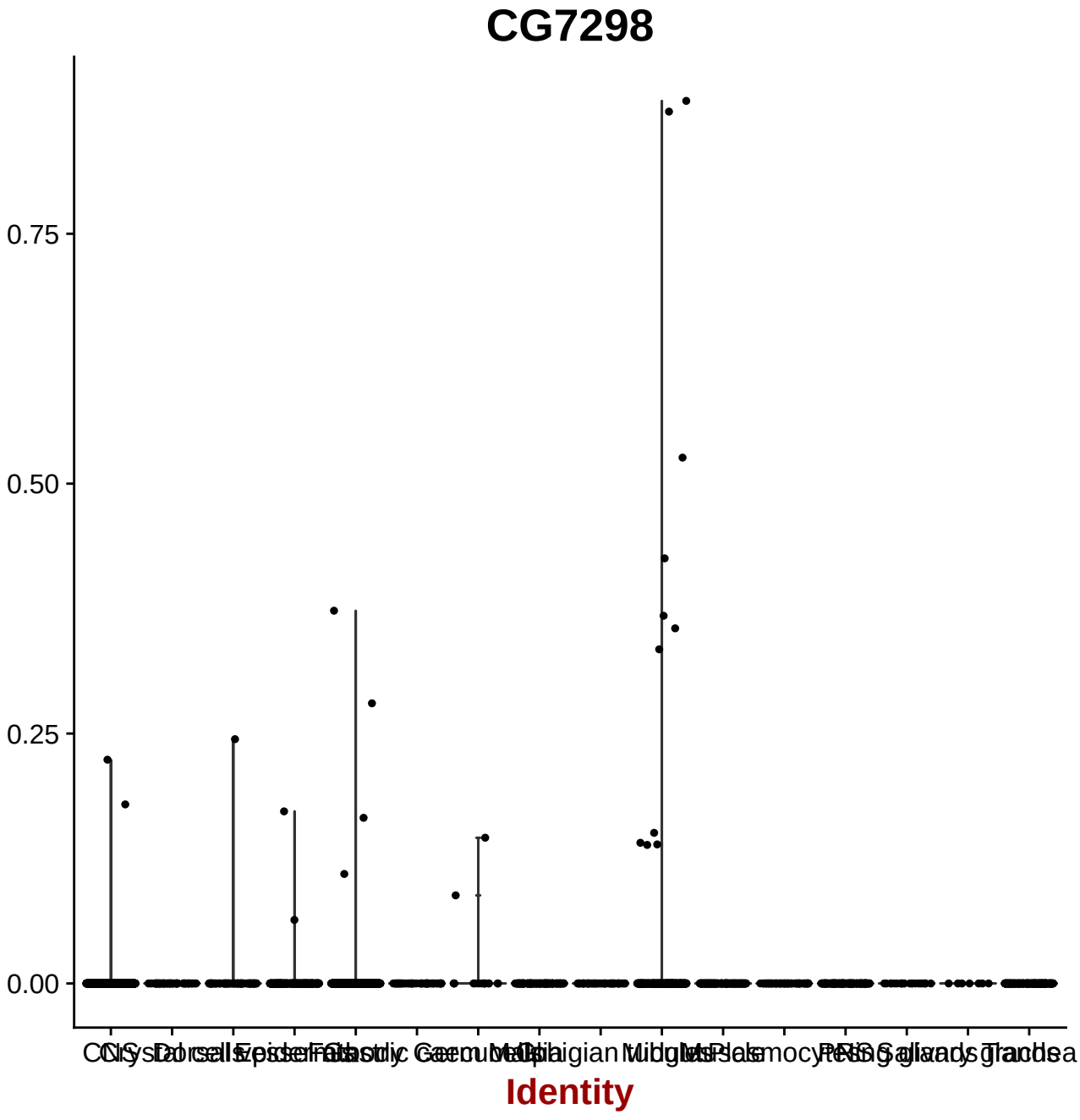
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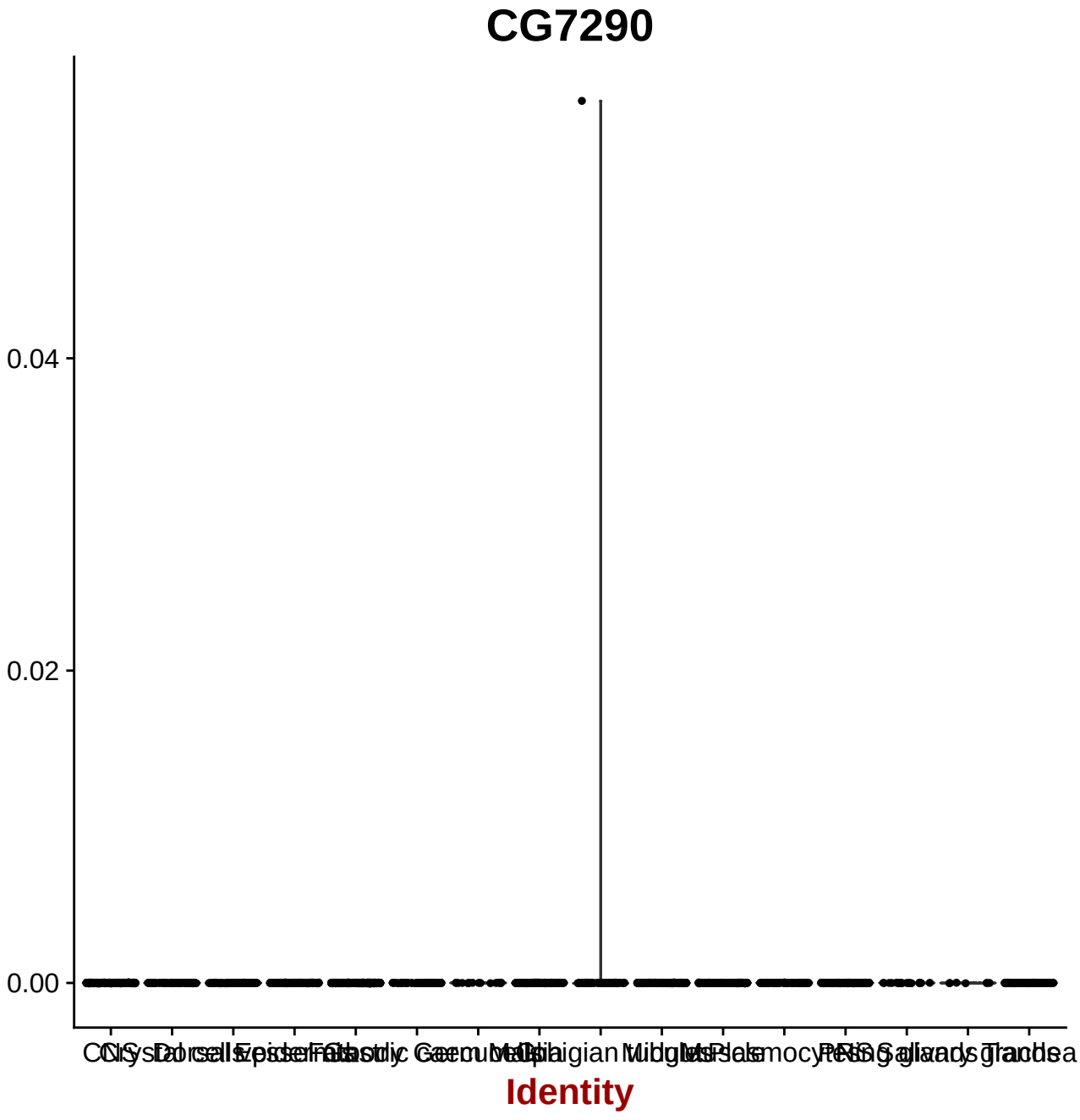
Identity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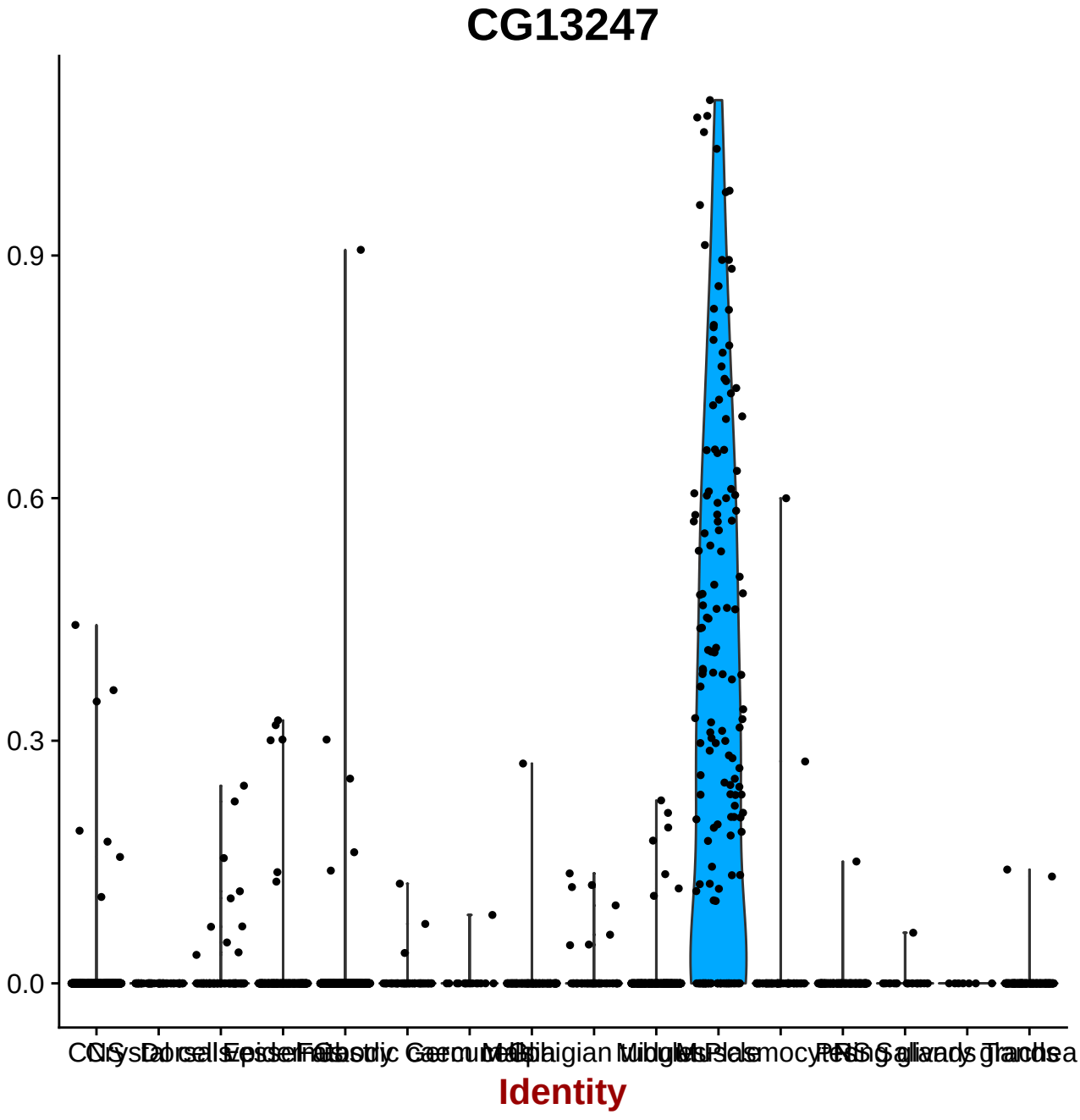
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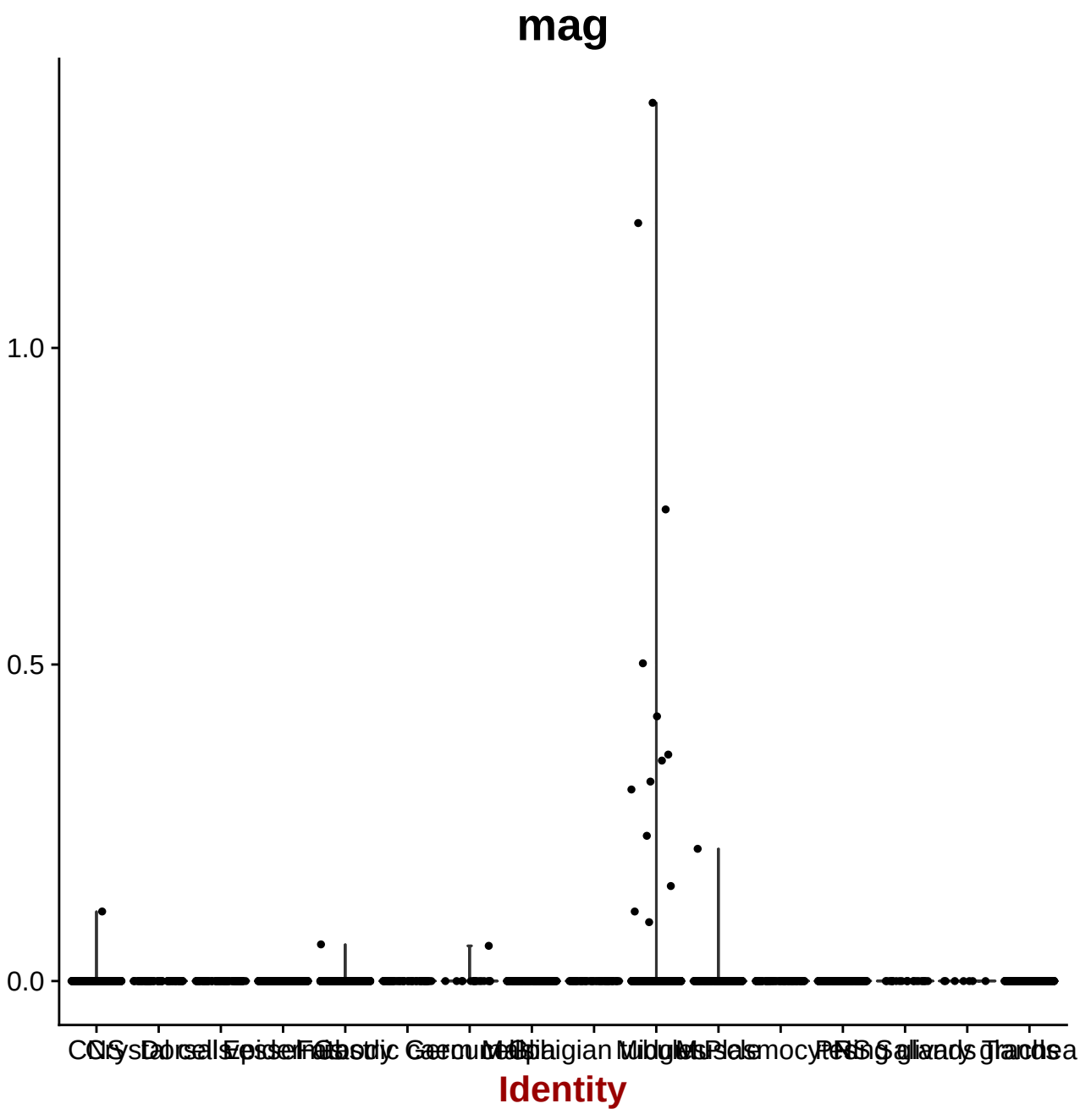
Identity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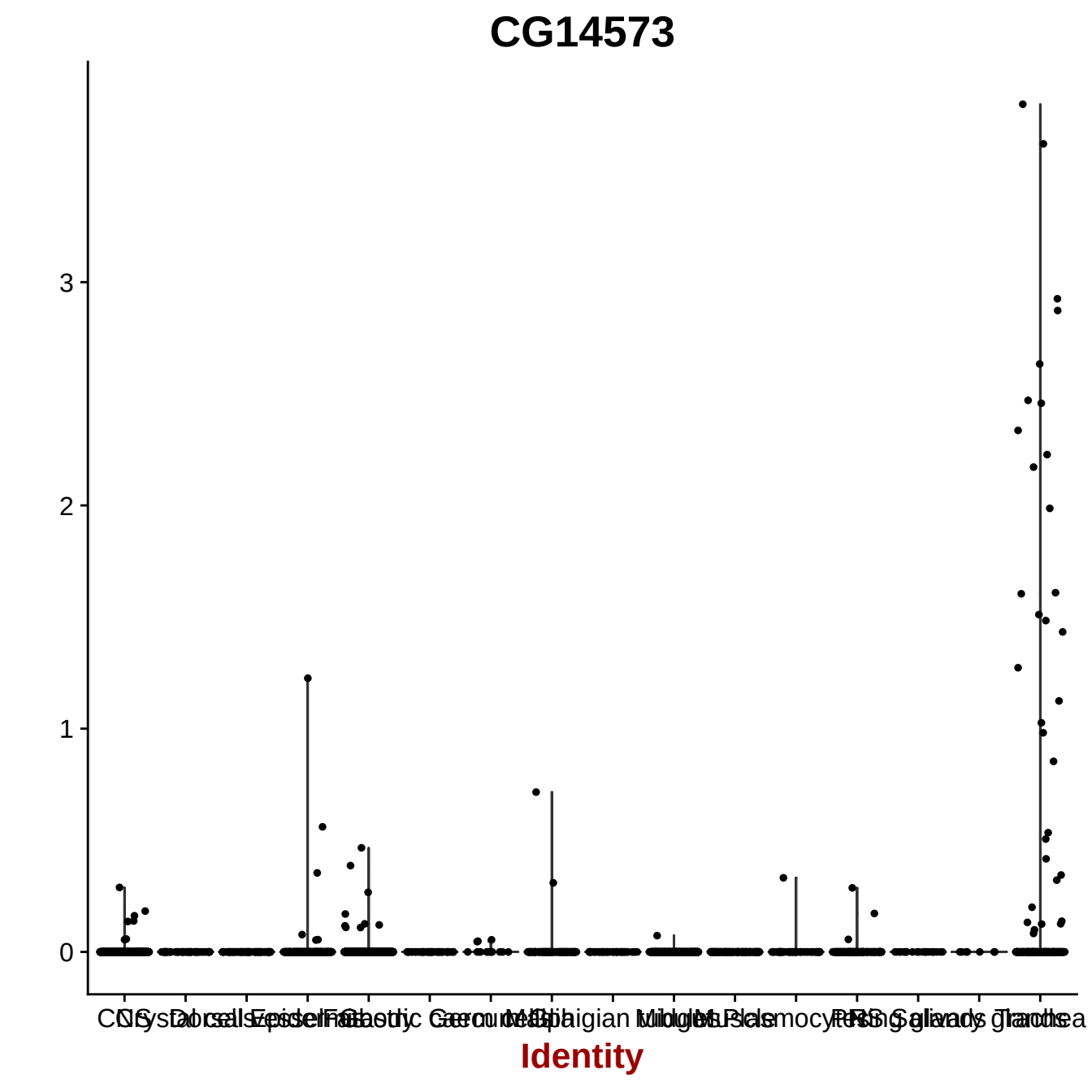
Identity


CG14573
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2
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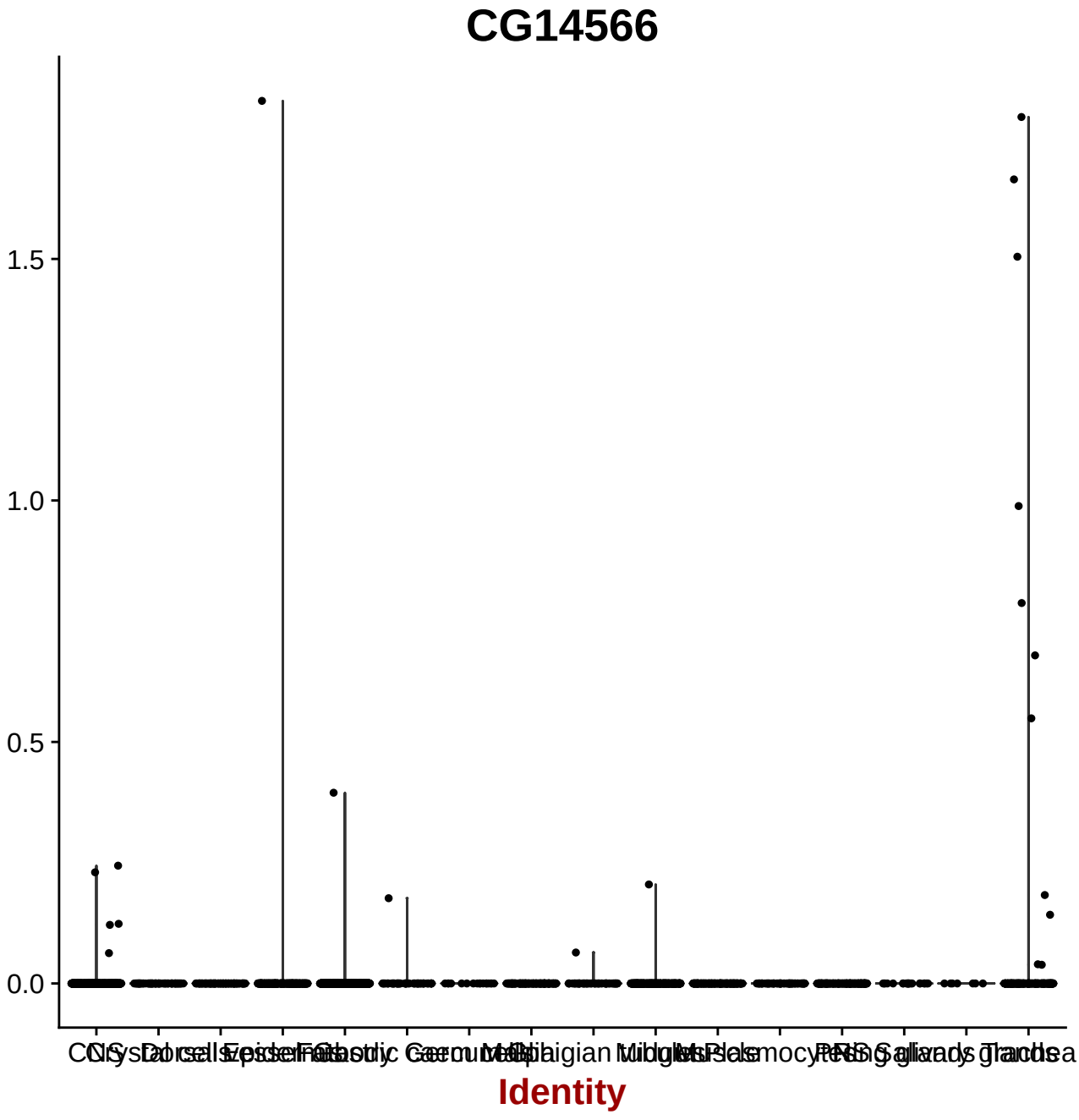
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity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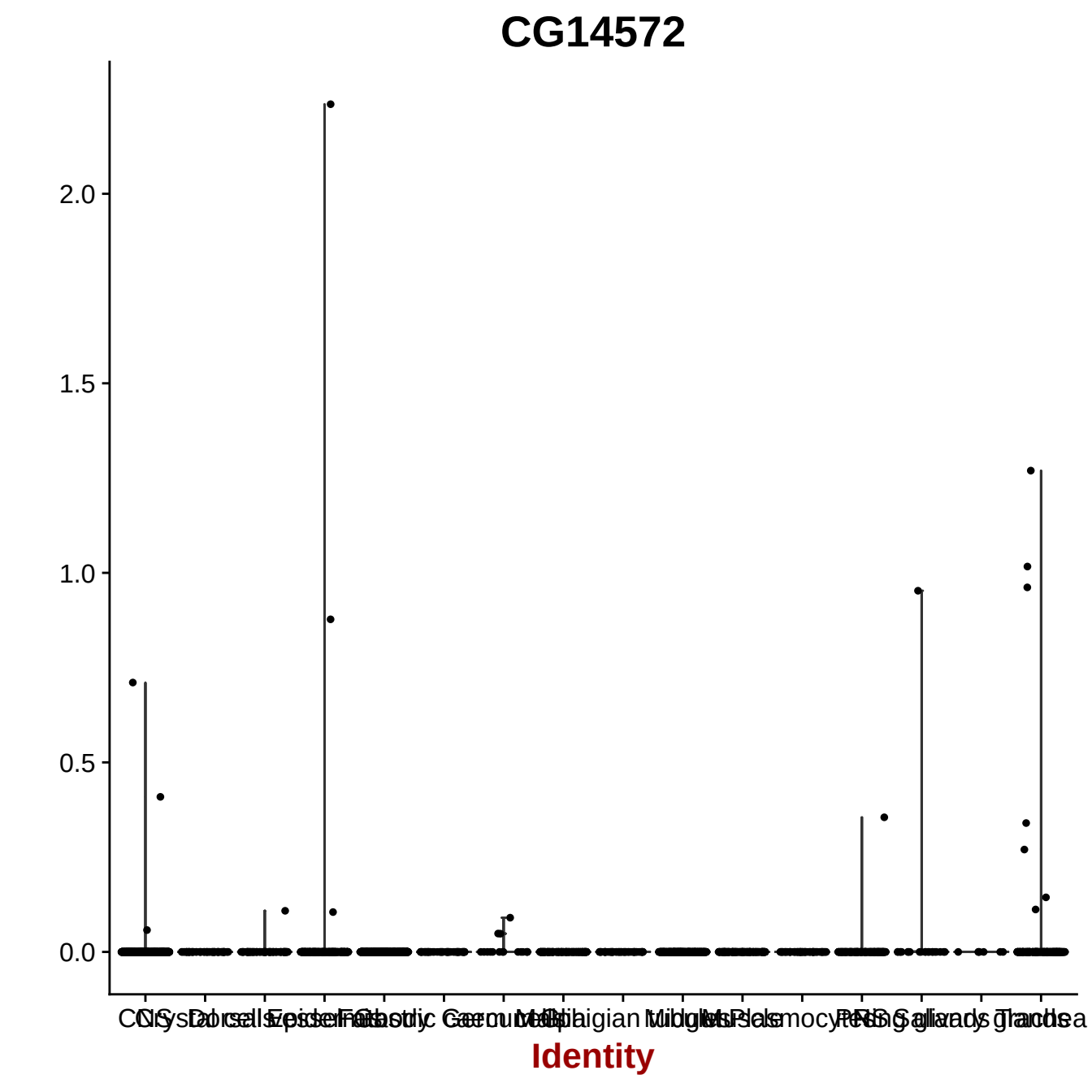
Identity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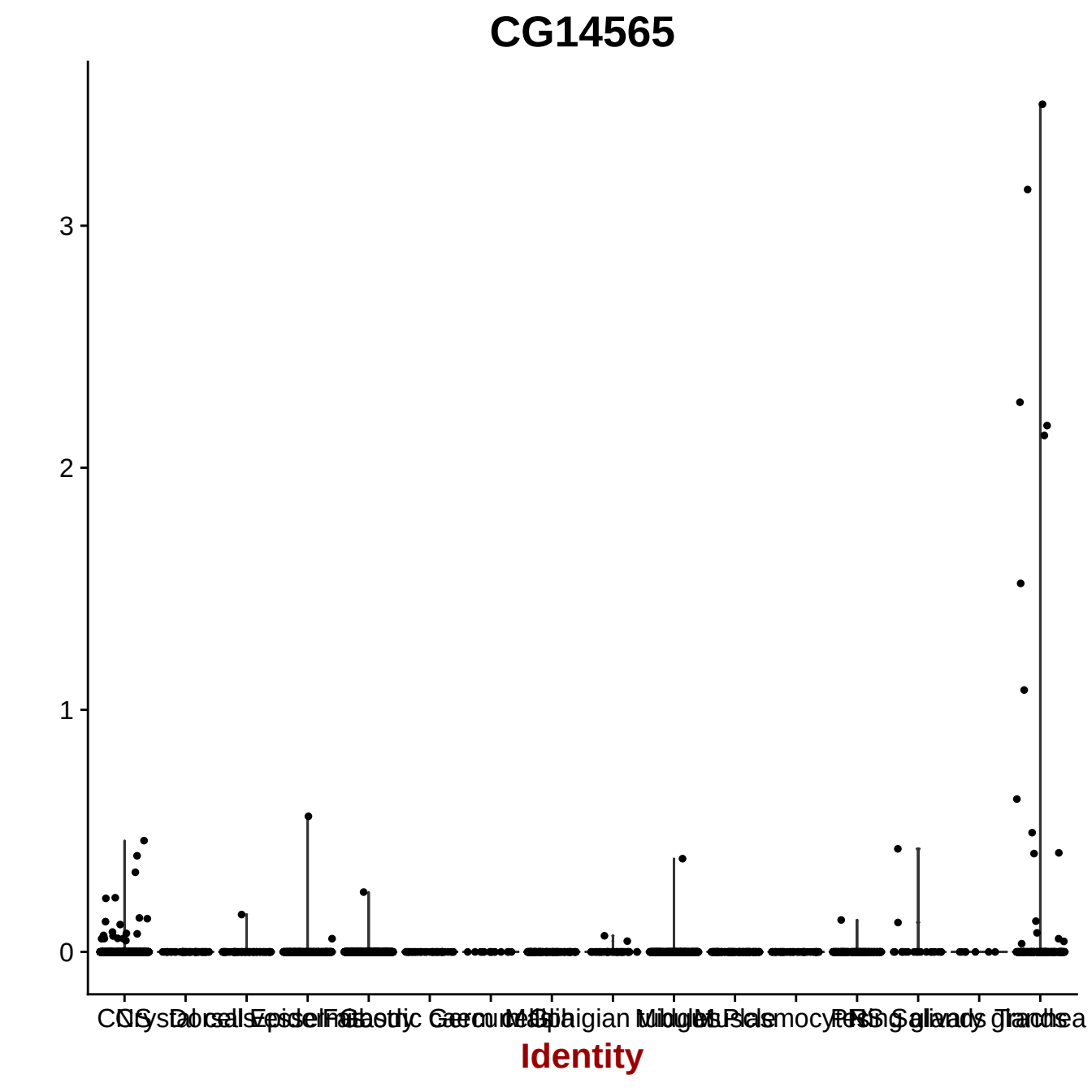
Identity


CG14565
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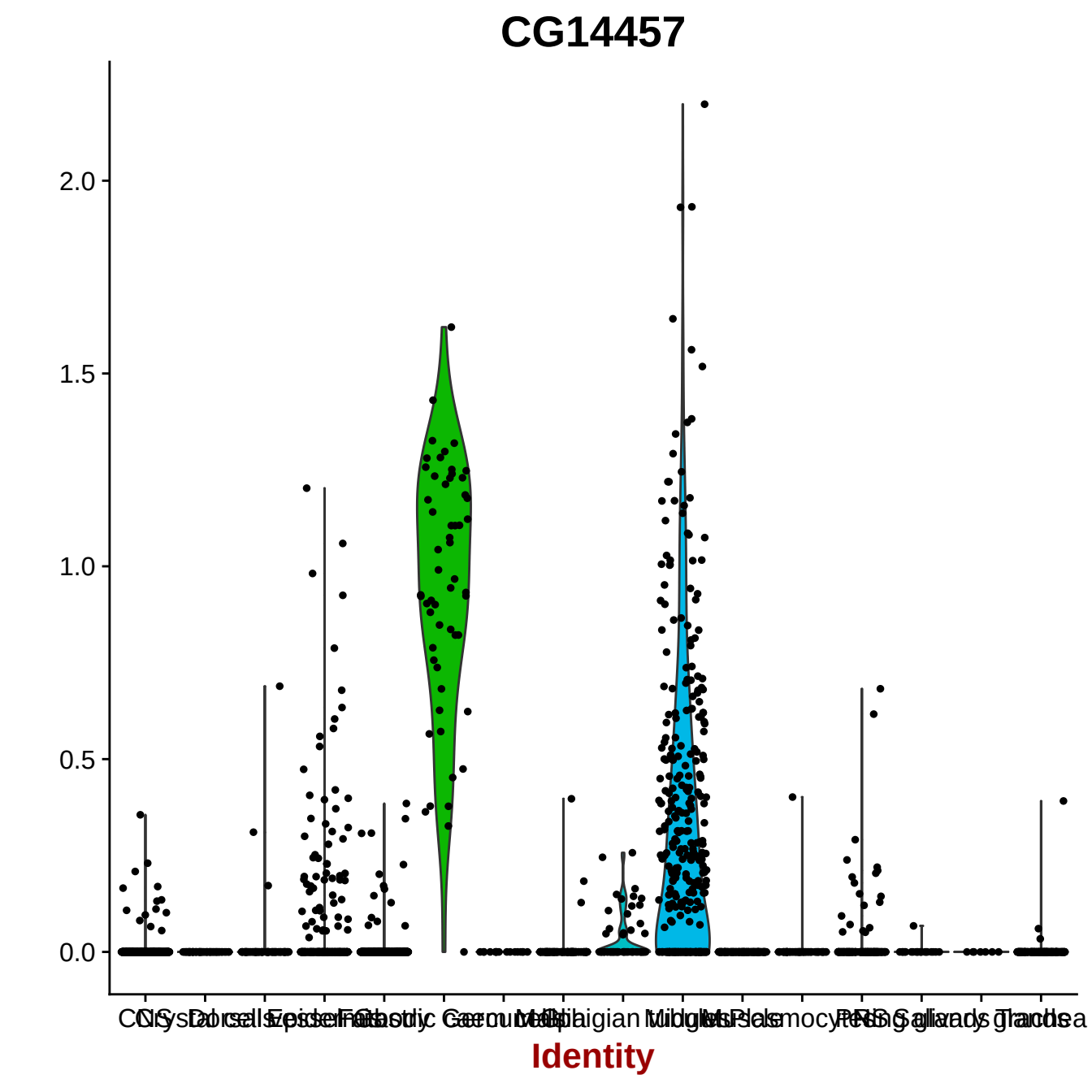
CNS
Dorsal epidermis
Epidermis
Elastic
Gut
Malpighian
Muscle
Plasmocytes
PNS
Salivary gland
Trachea
Identity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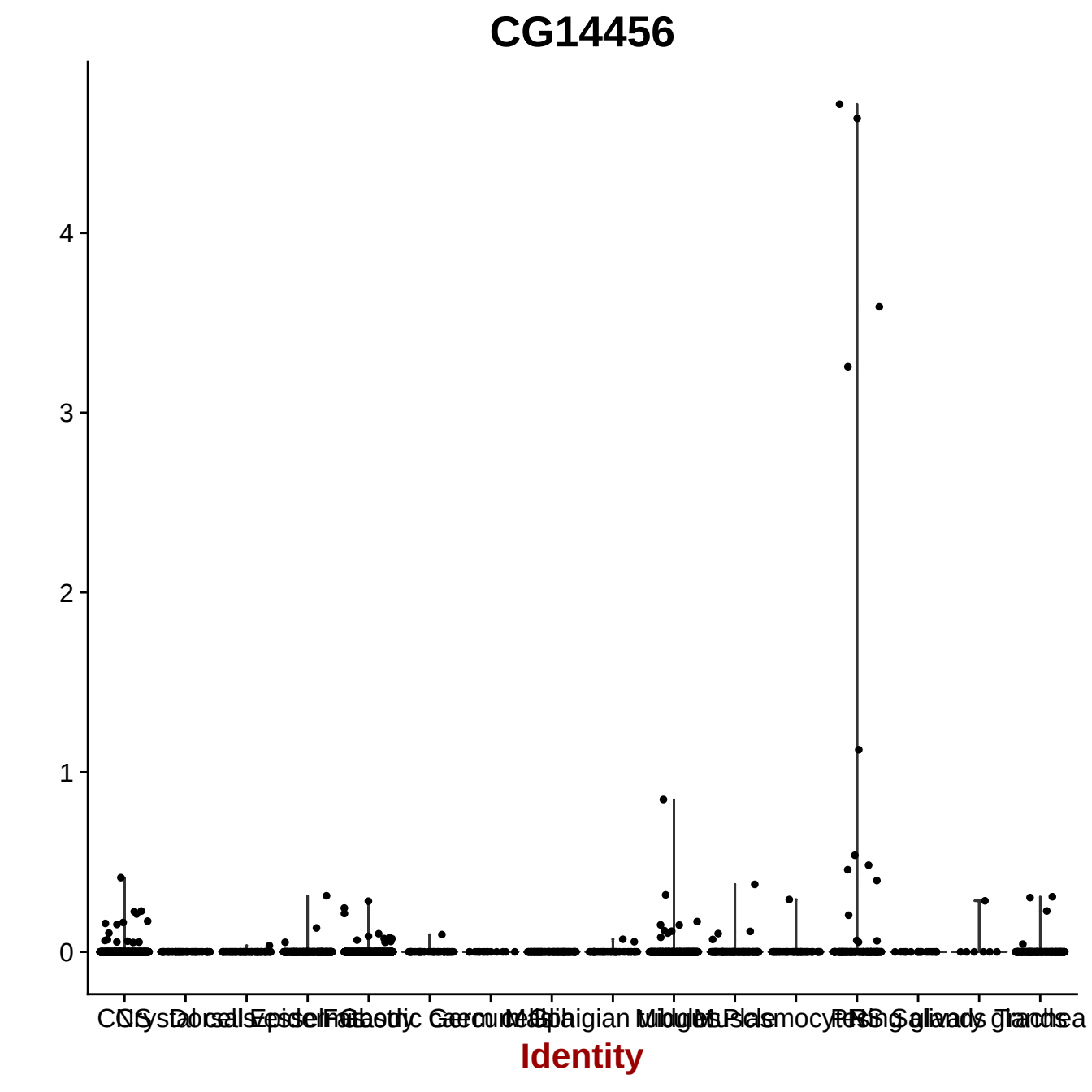
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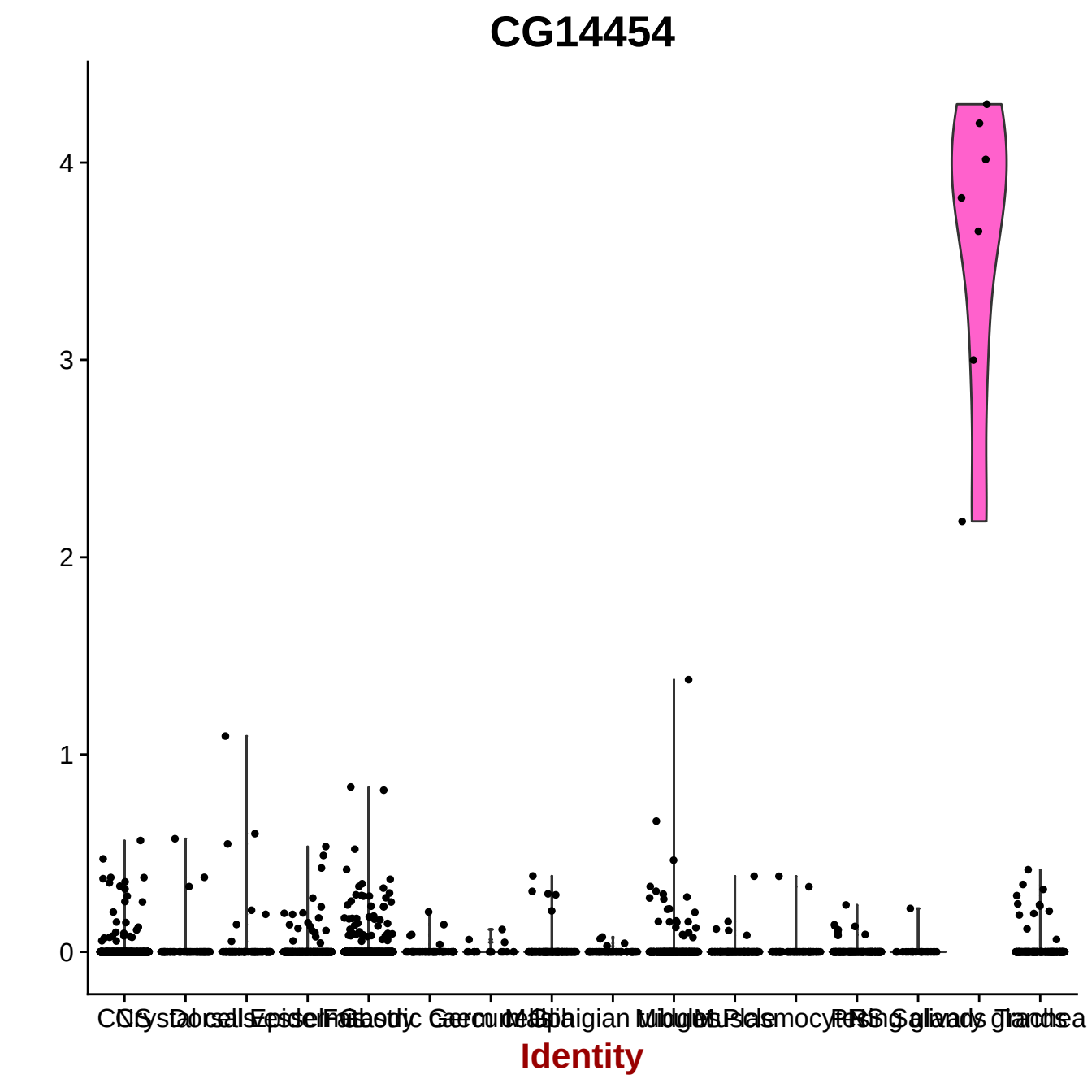
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity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4
3
2
1
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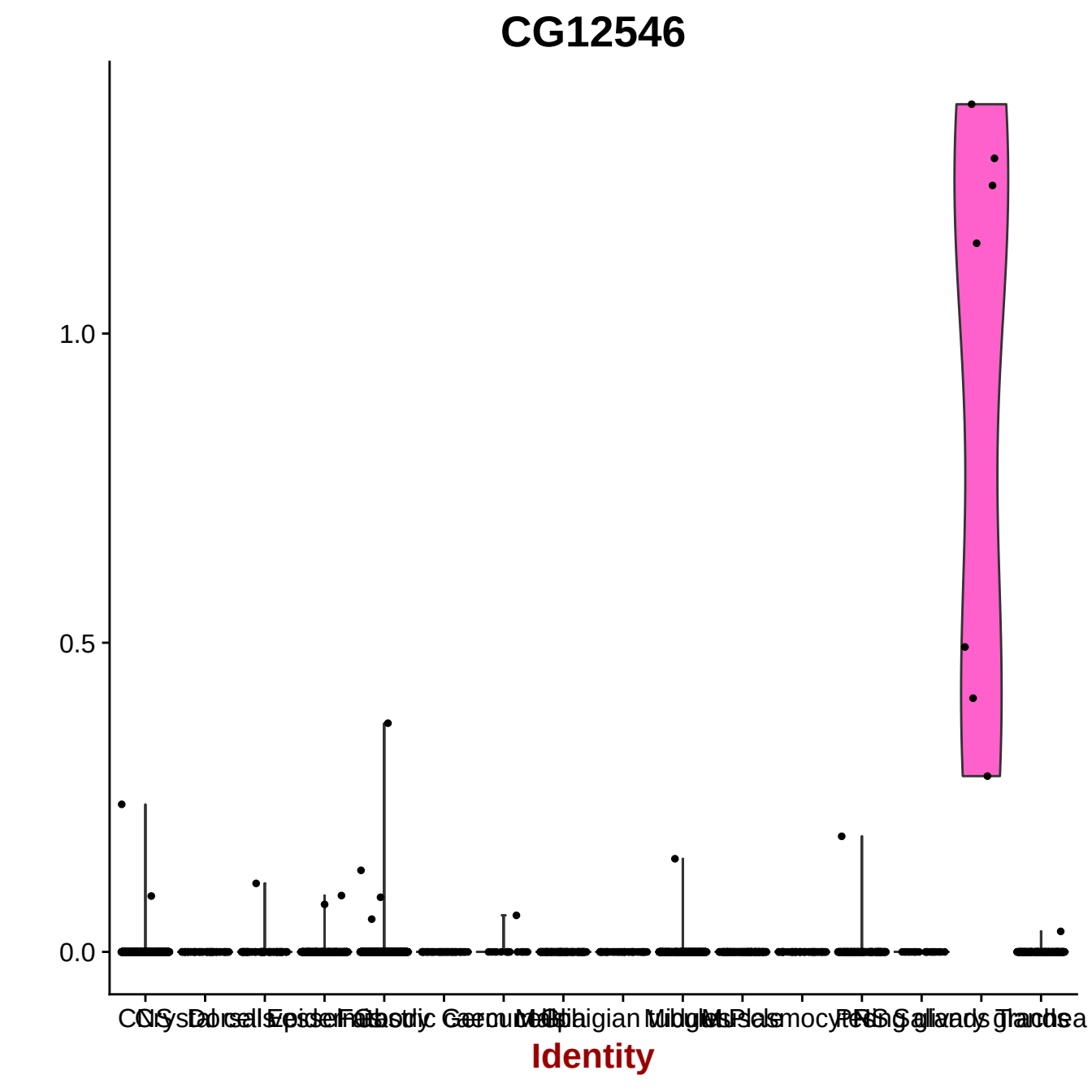
CNS
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity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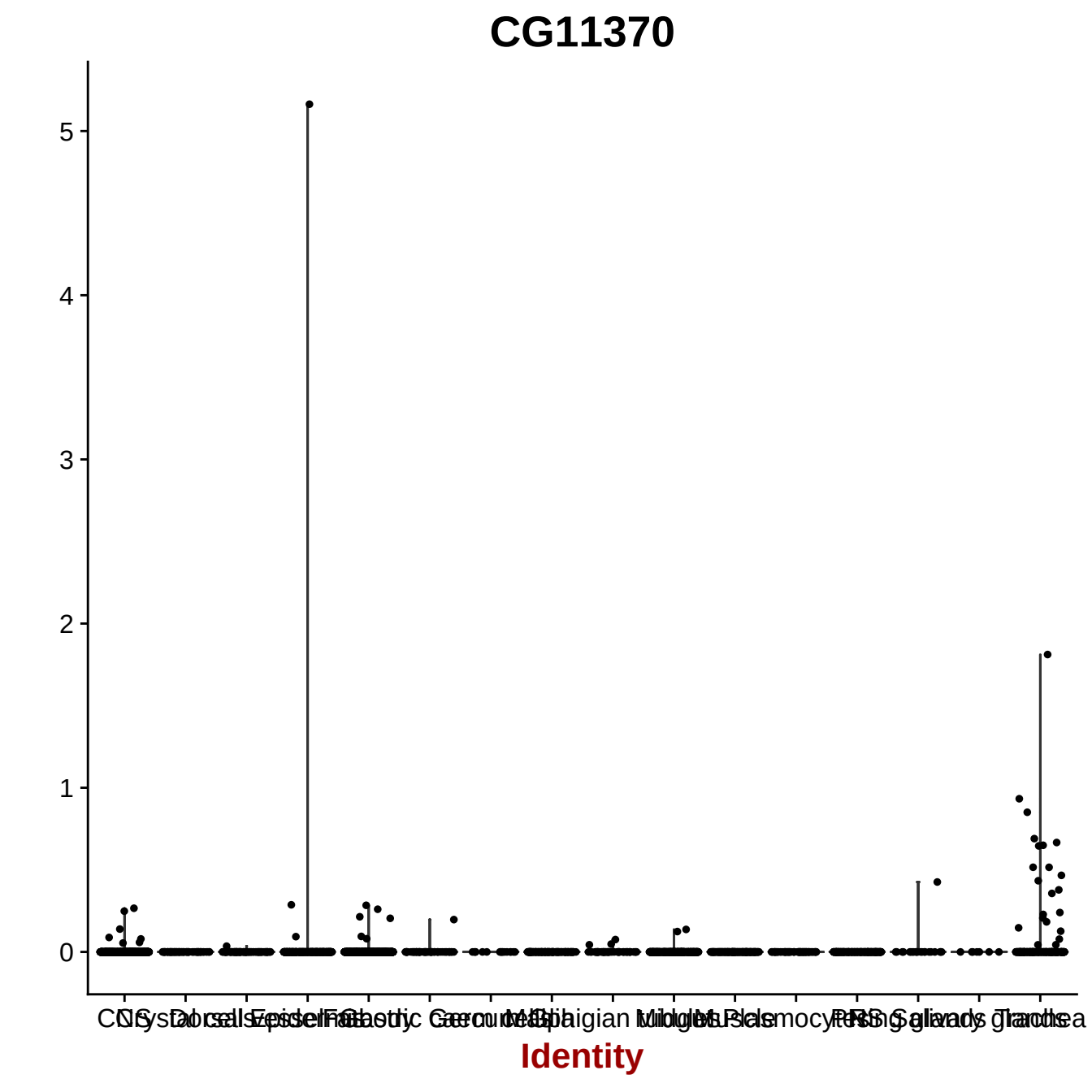
CG11370
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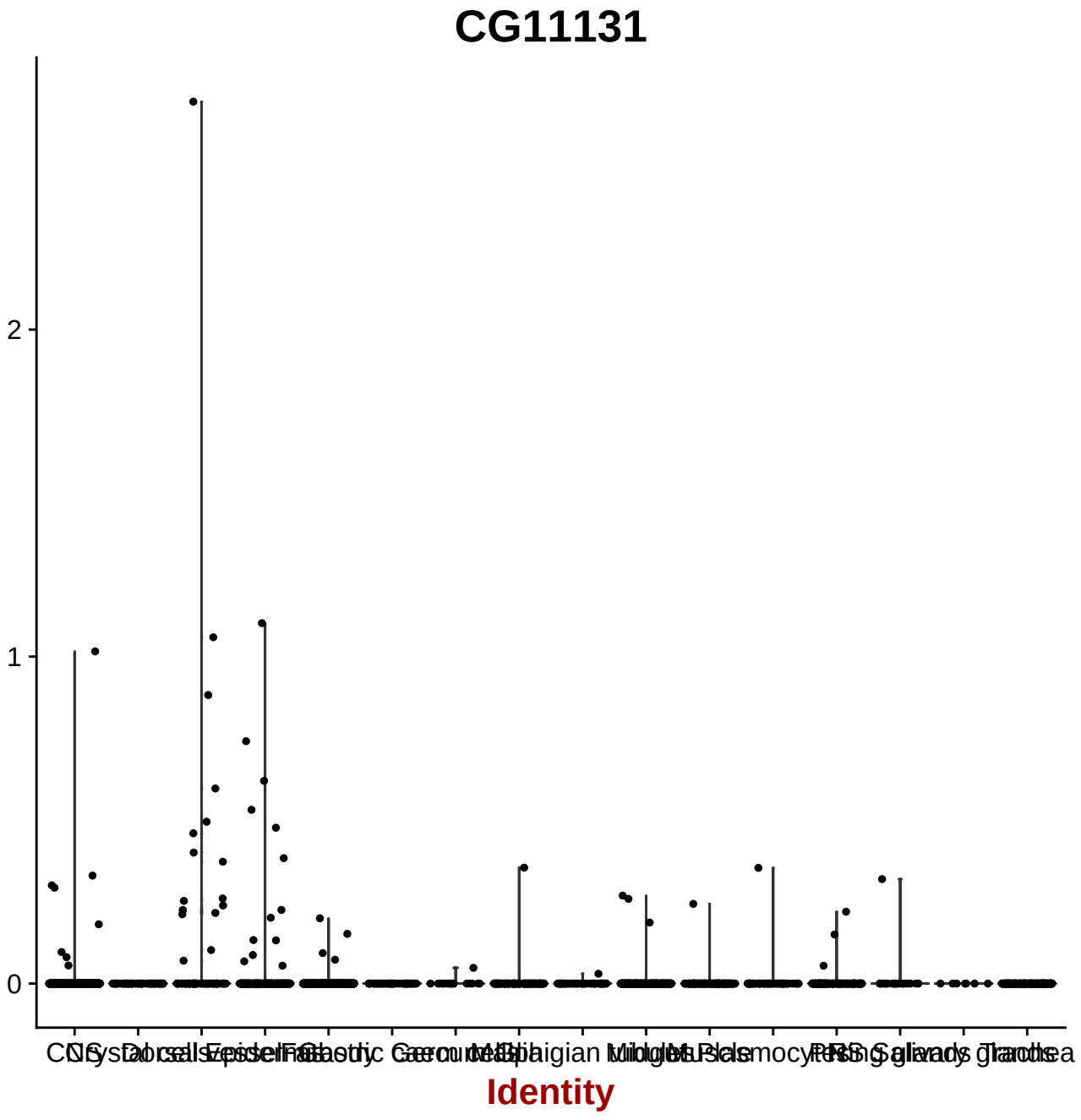
2
1
0
CNS
Dorsal epidermis
Crystal cell
Epidermis
Elastic
Caudal
Malpighian
Midgut
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG11131
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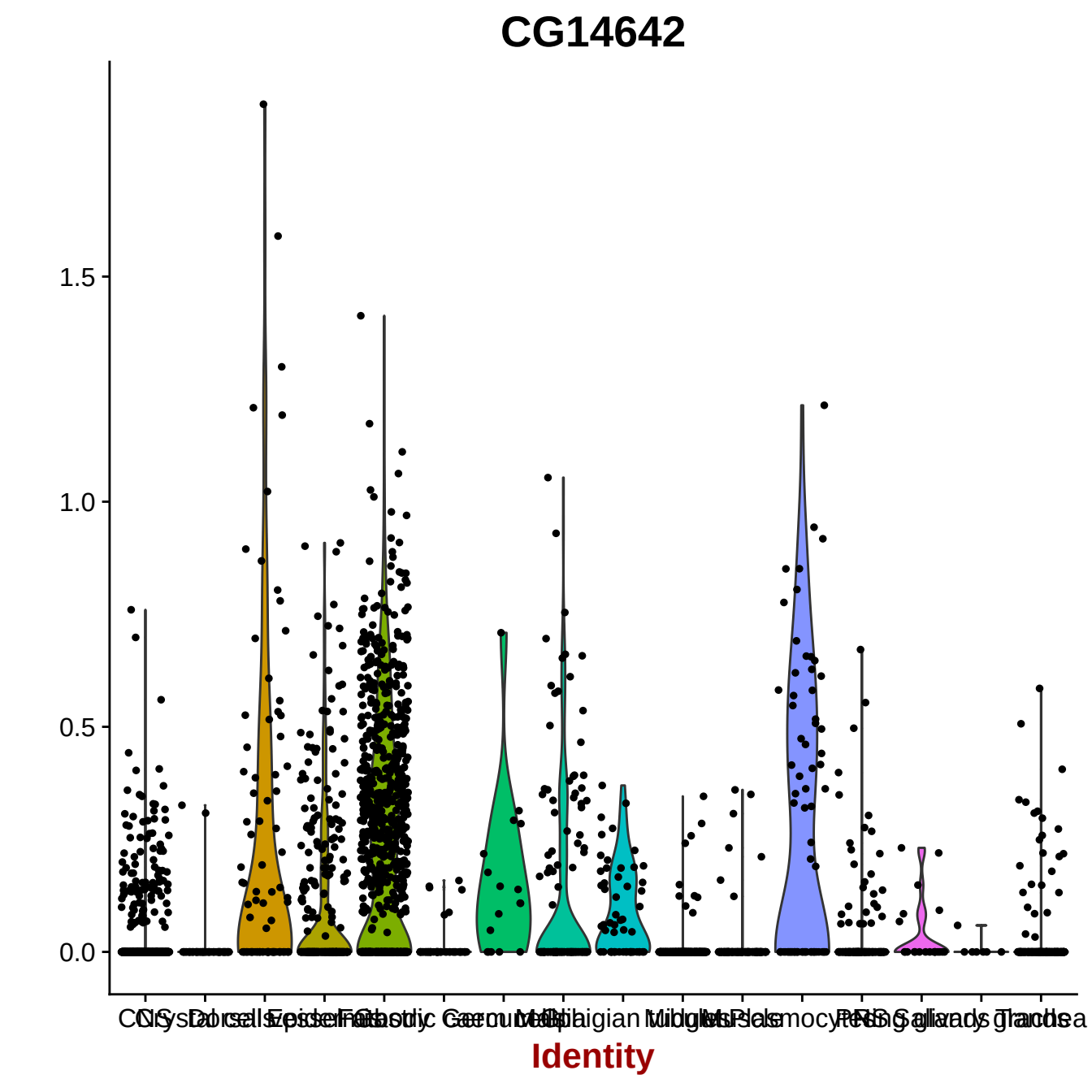
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Germ cells
Hemocytes
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity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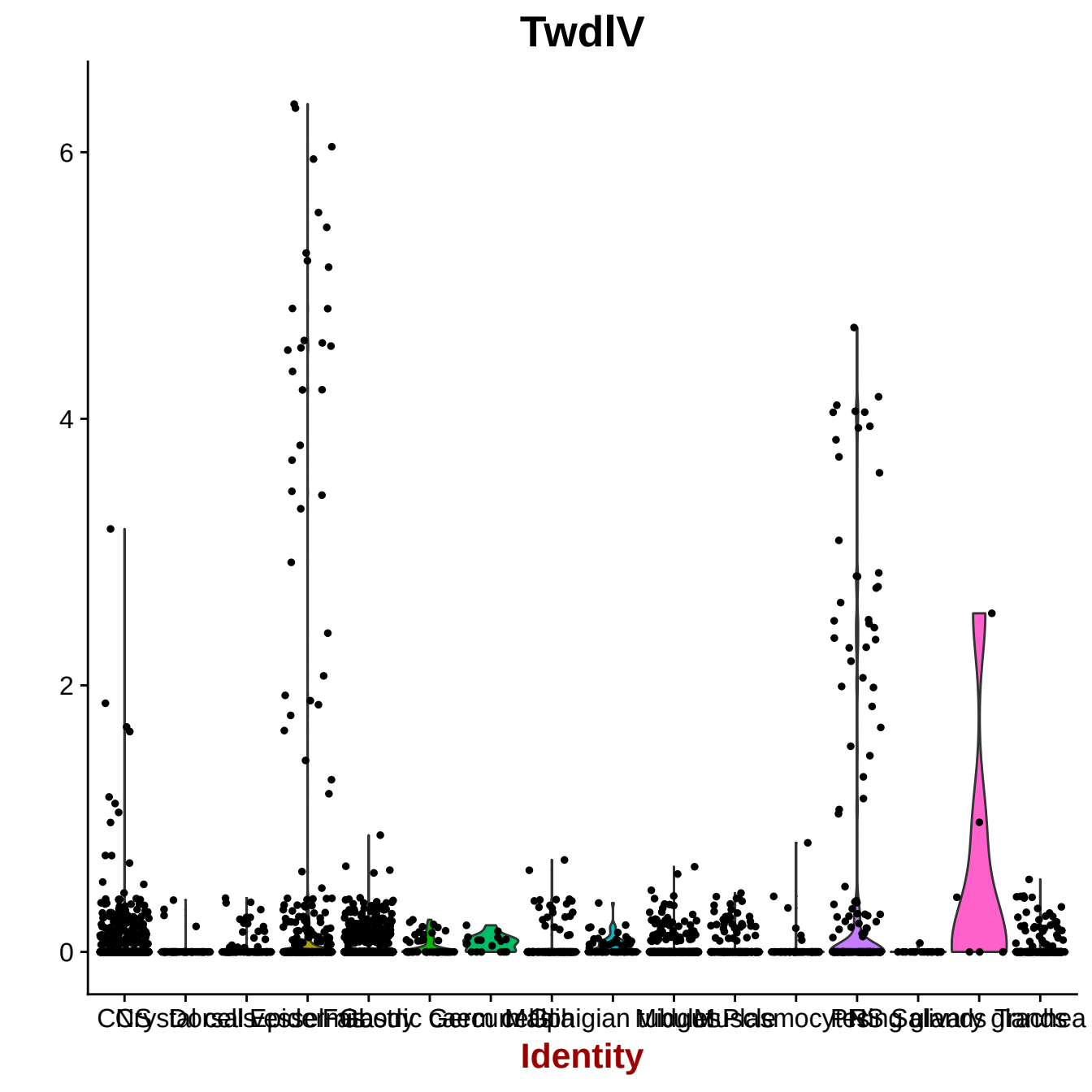
TwdIV
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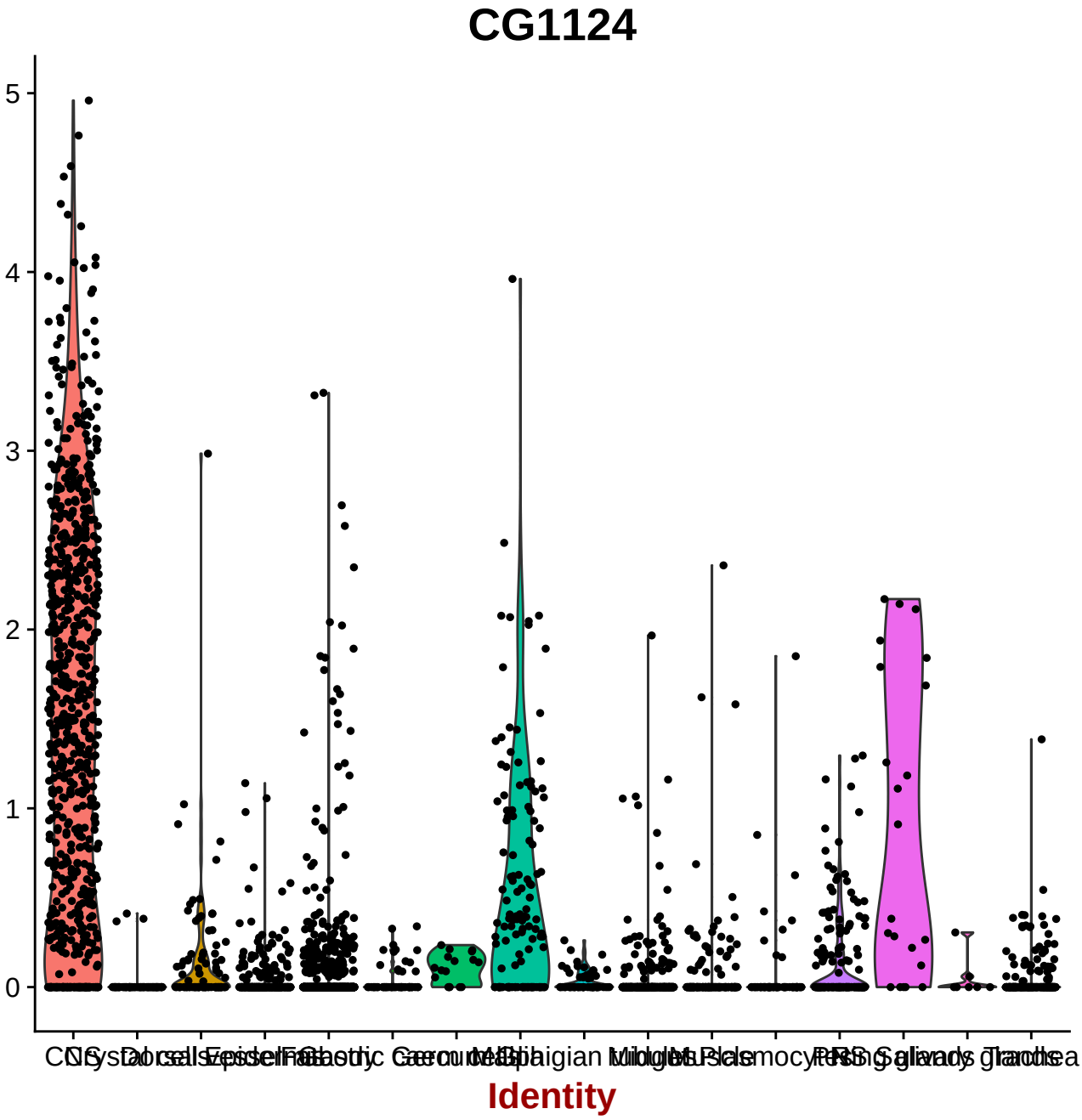
CNS
Dorsal root ganglion
Epithelial
Fibroblastic
Germ cell
Hepatocyte
Kidney
Lymphocyte
Macrophage
Mammary gland
Muscle
Pancreatic
Salivary gland
Trachea
Identity


CG1124
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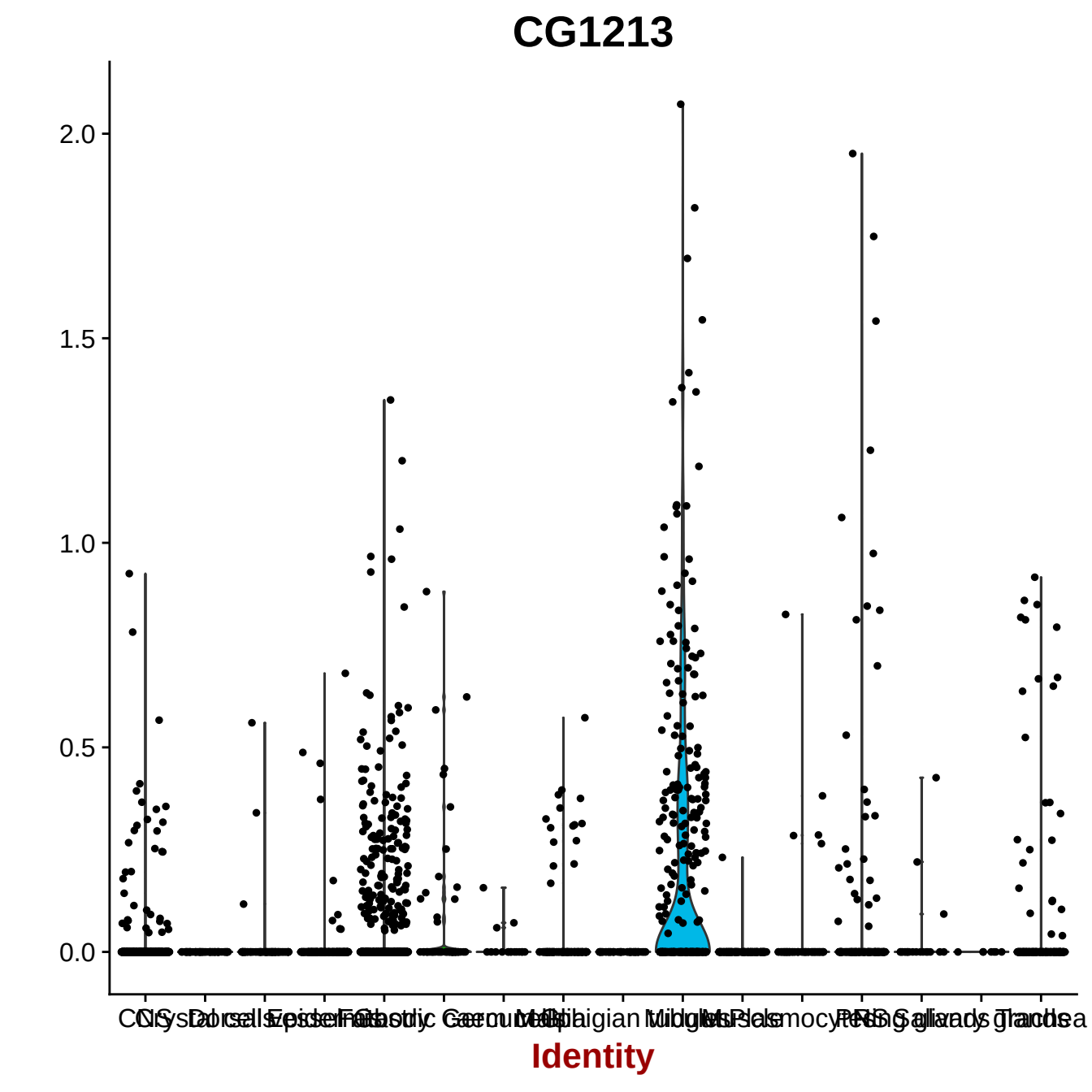
4
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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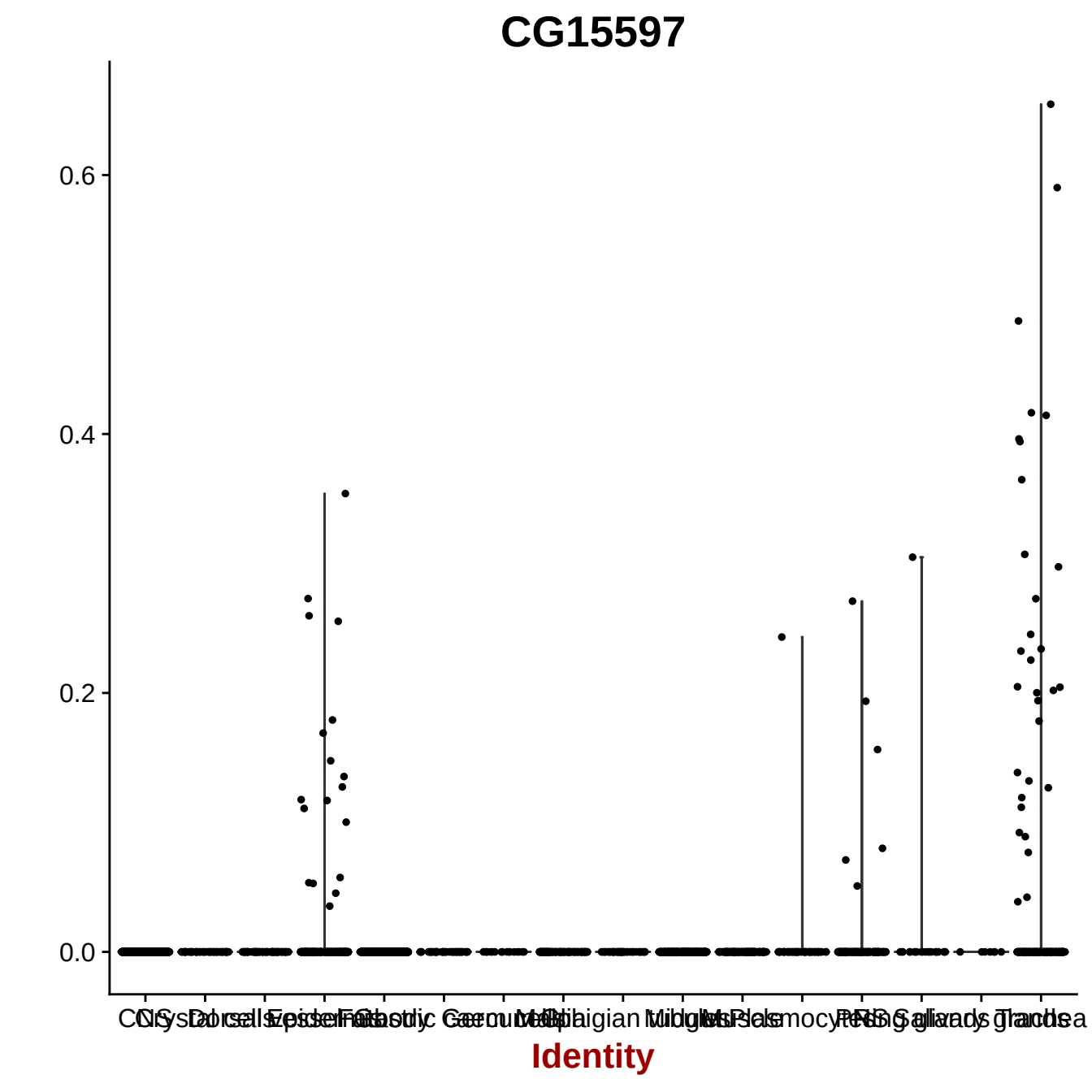
CNS
Dorsal epidermis
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Muscles
Oenocytes
PER
Salivary gland
Trachea
Identity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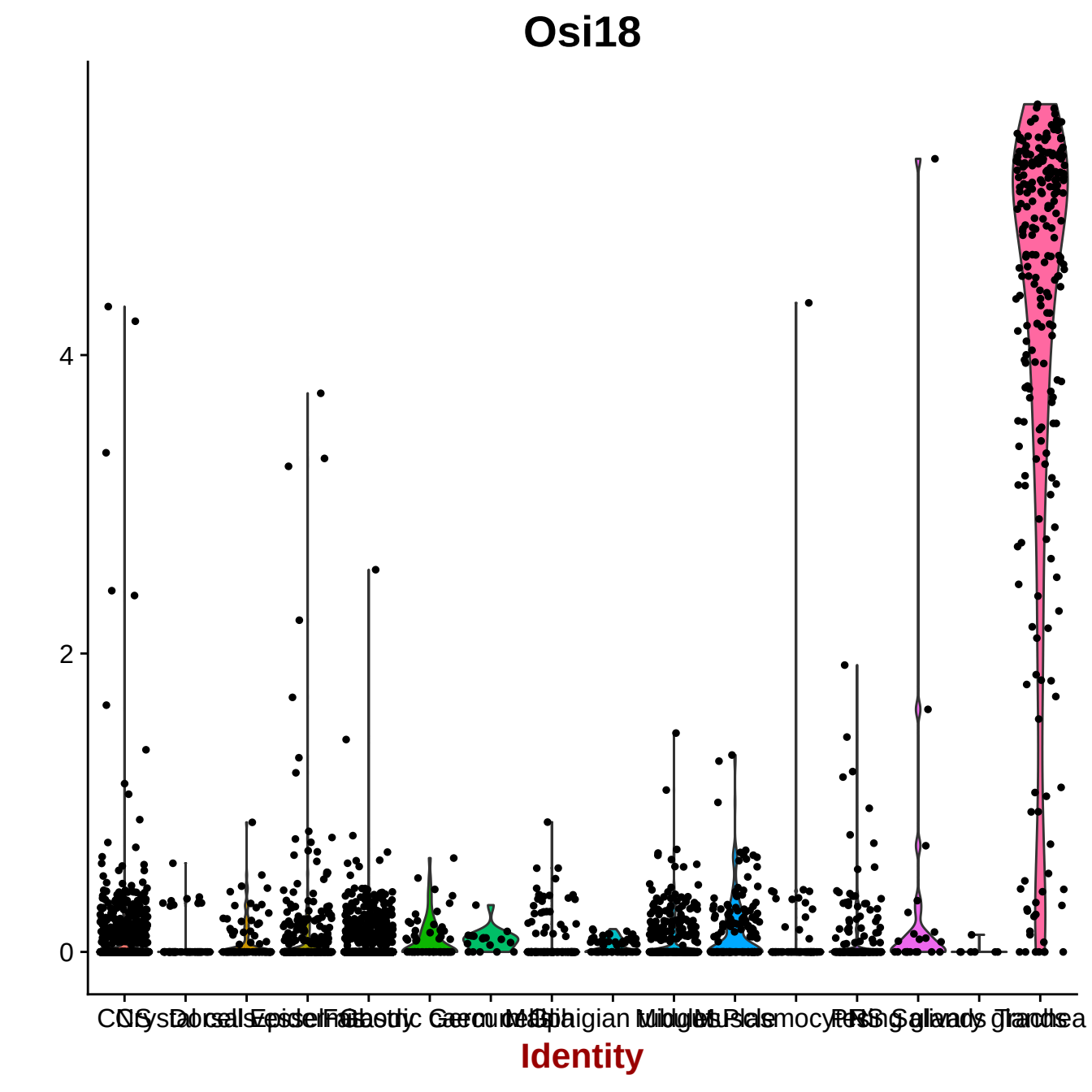
Identity


Osi18
4
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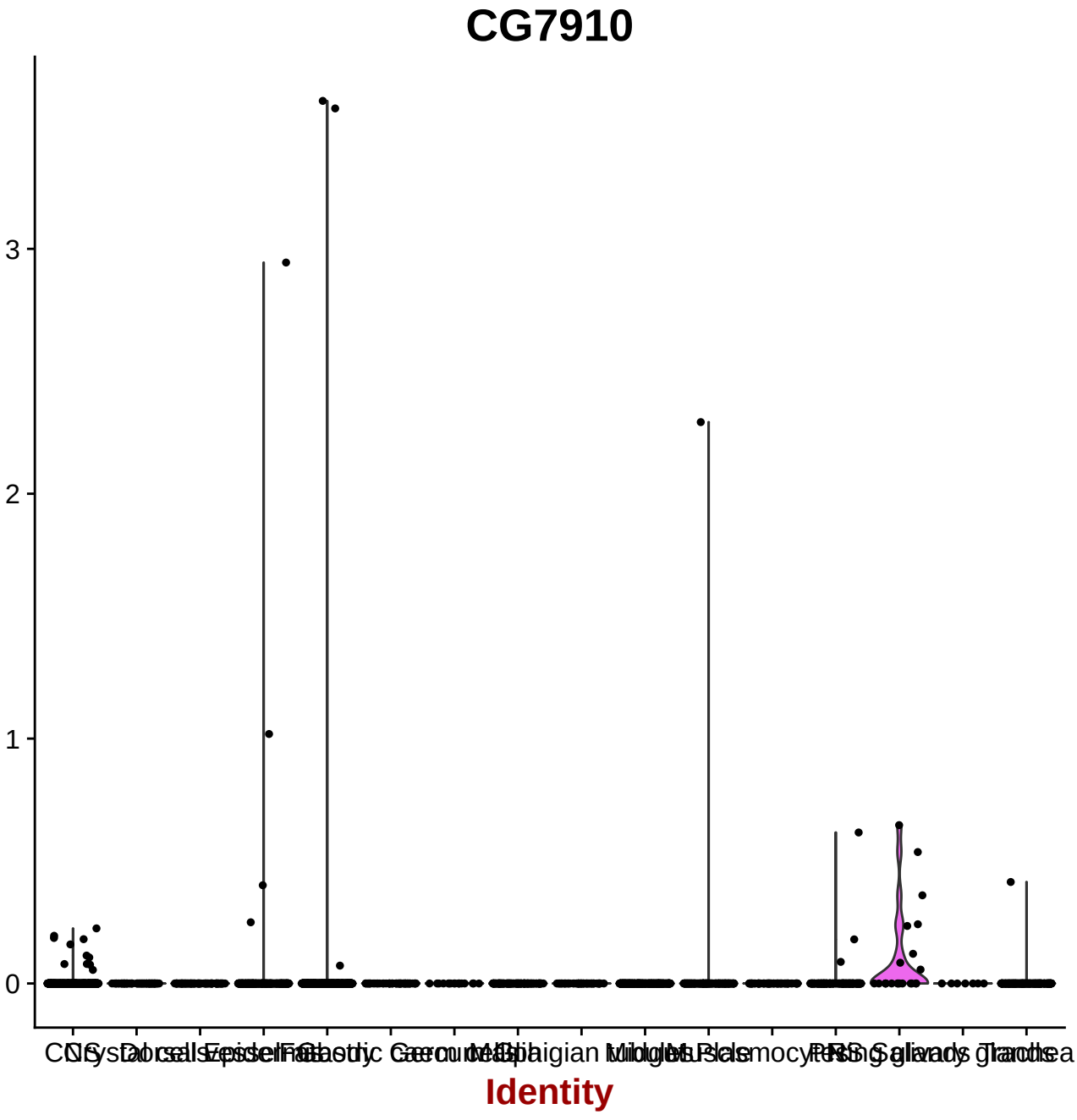
CNS
Dorsal vessel
Epidermis
Elastic
Germ cells
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity


CG7910
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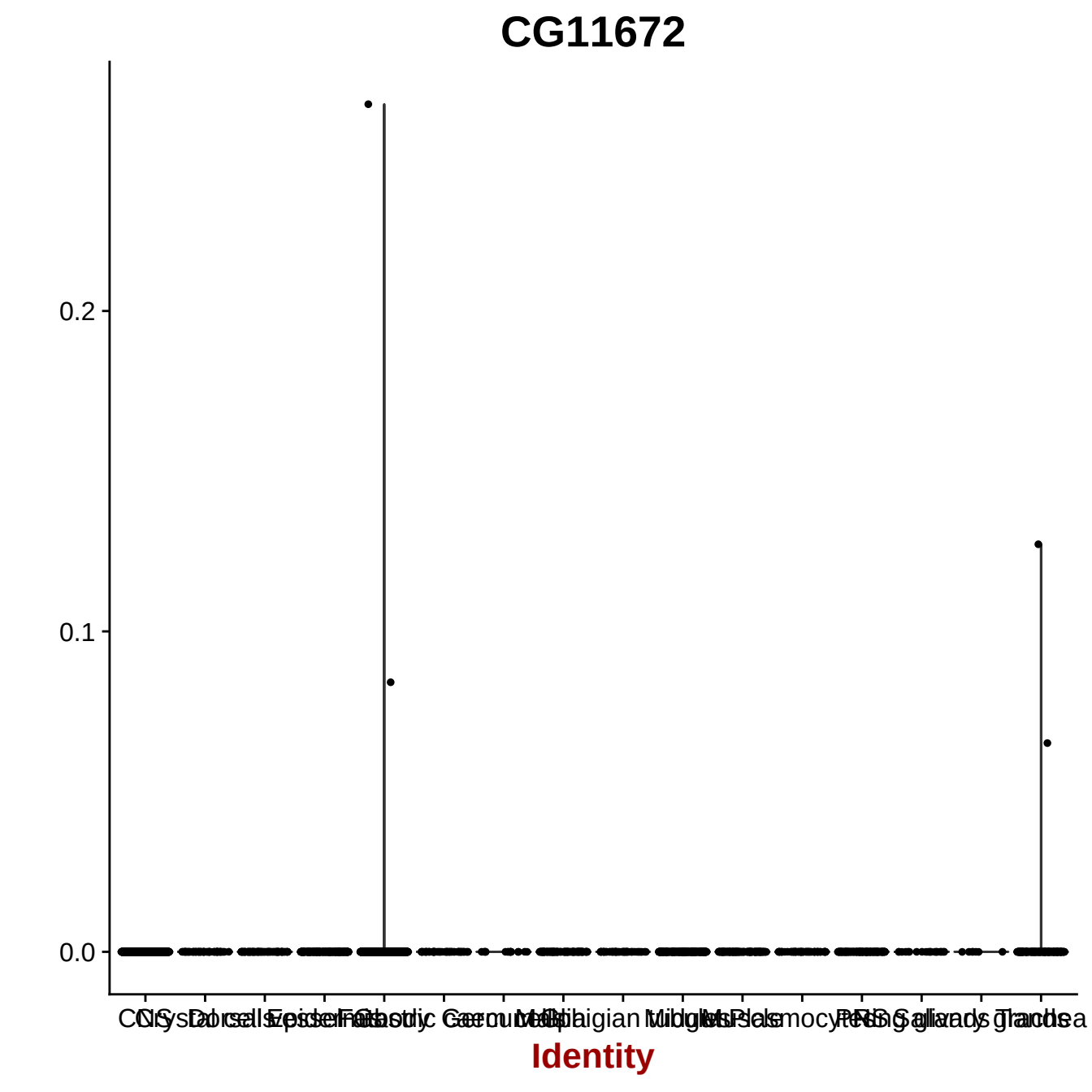
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hindgut
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity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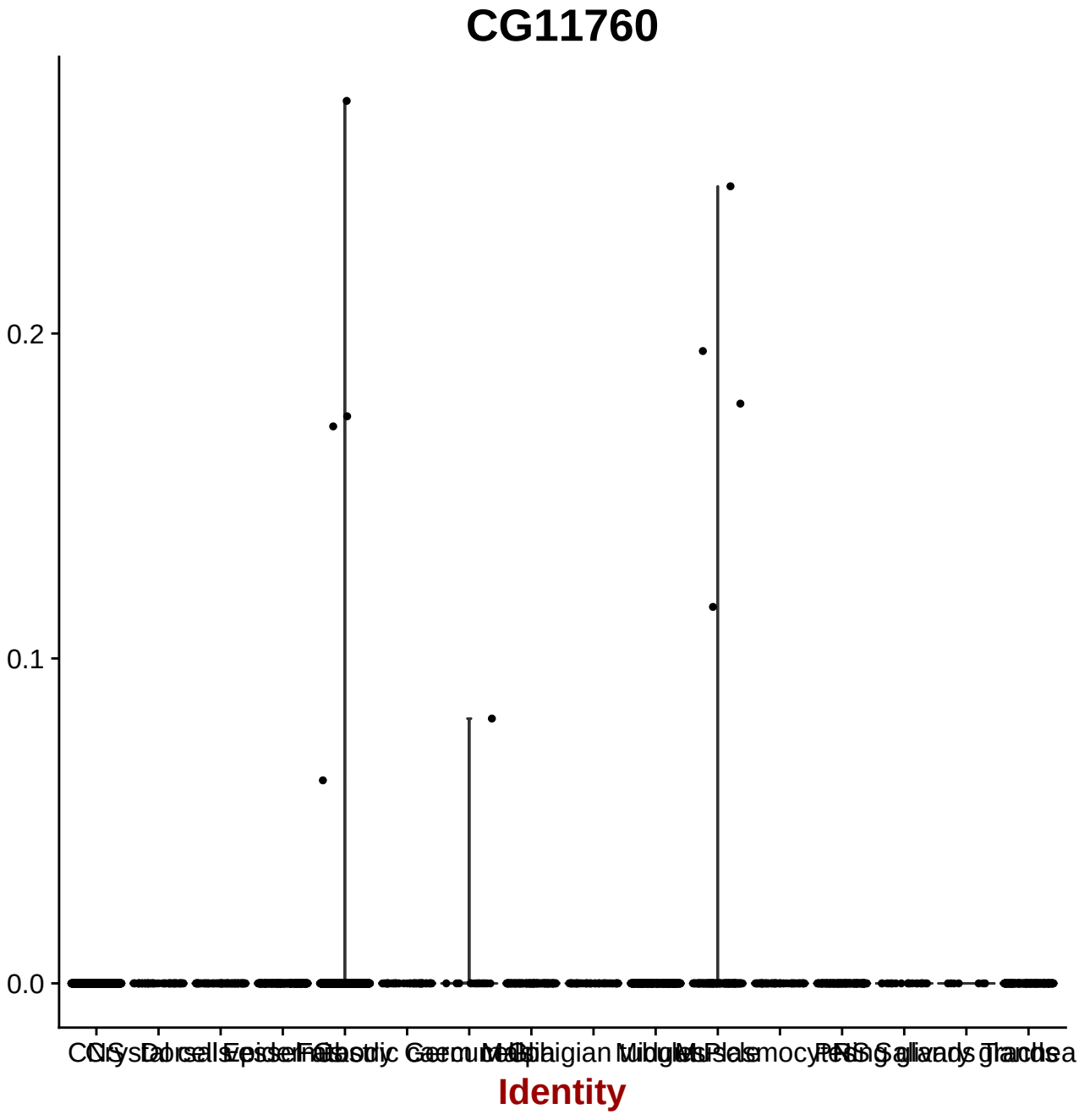
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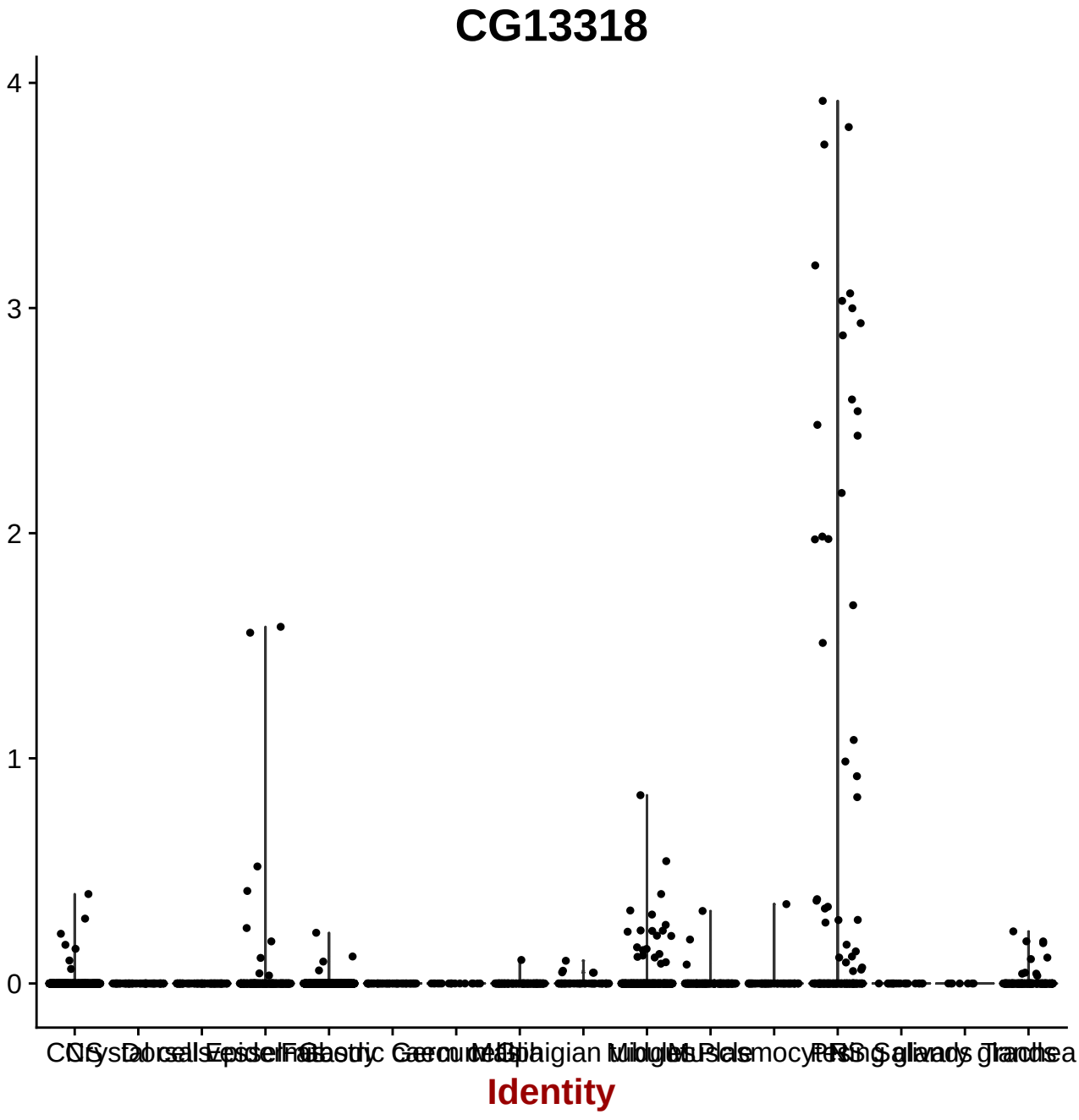
CG13318
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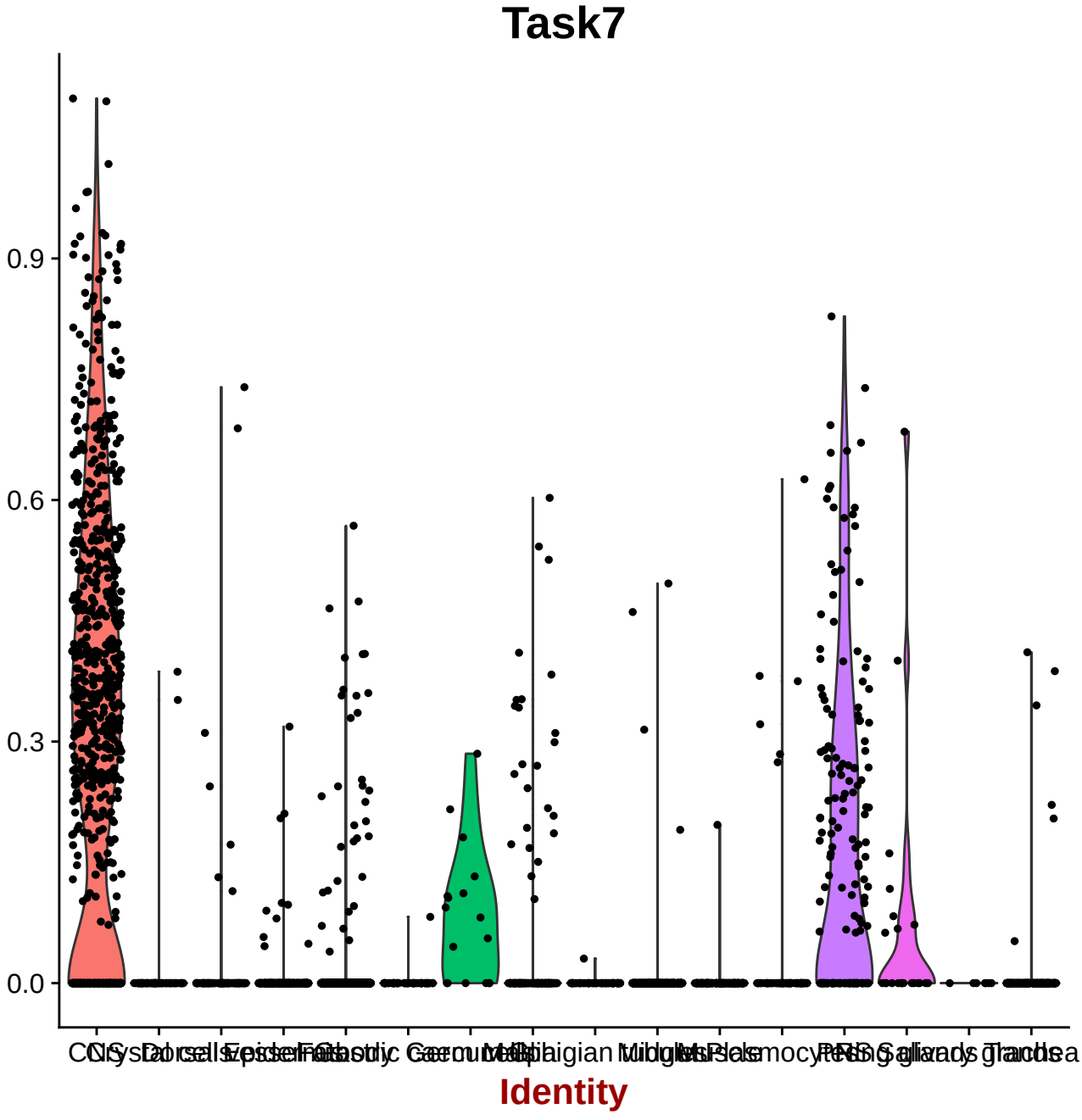
CNS
Crystal cells
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


Task7
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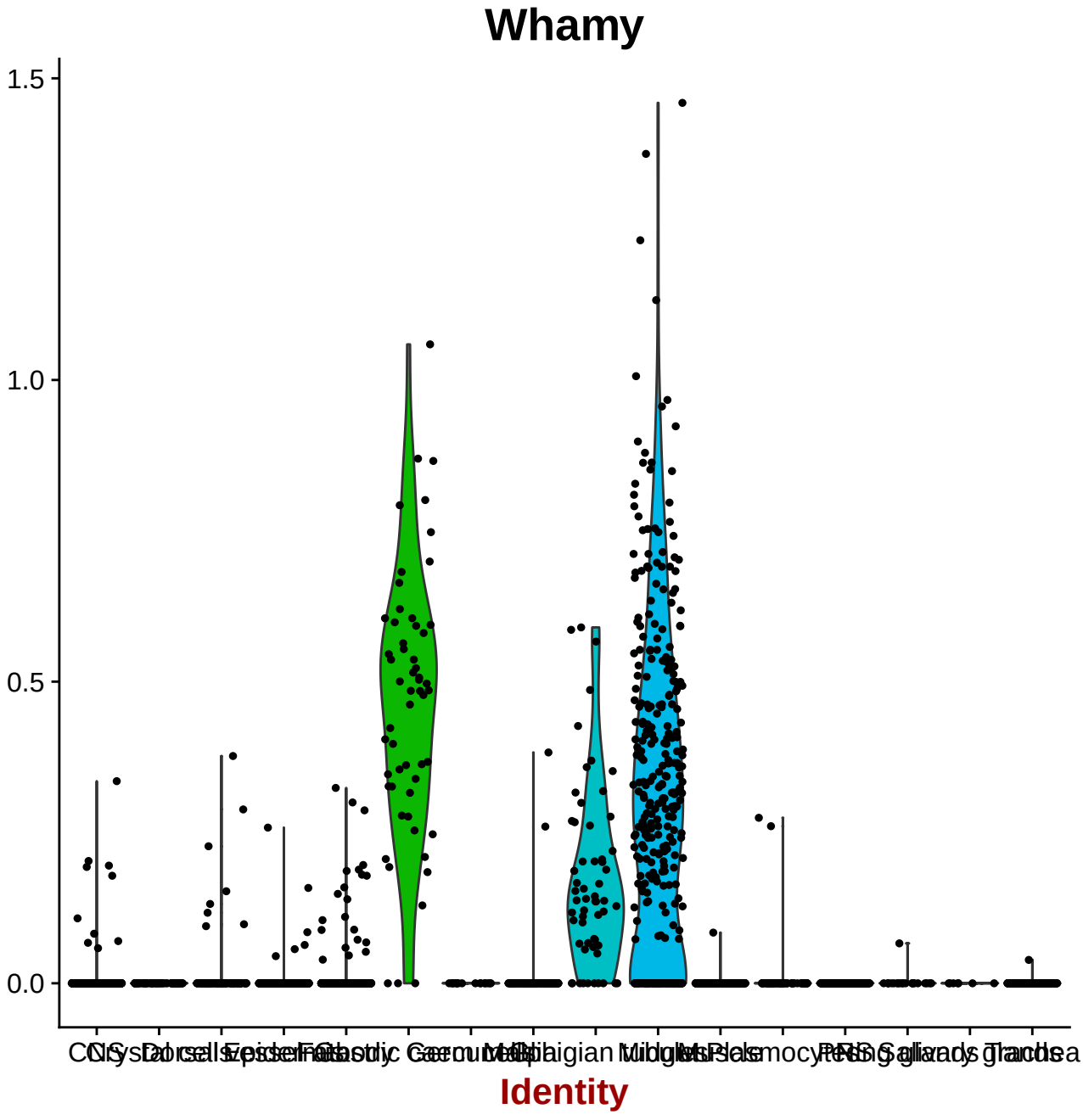
Identity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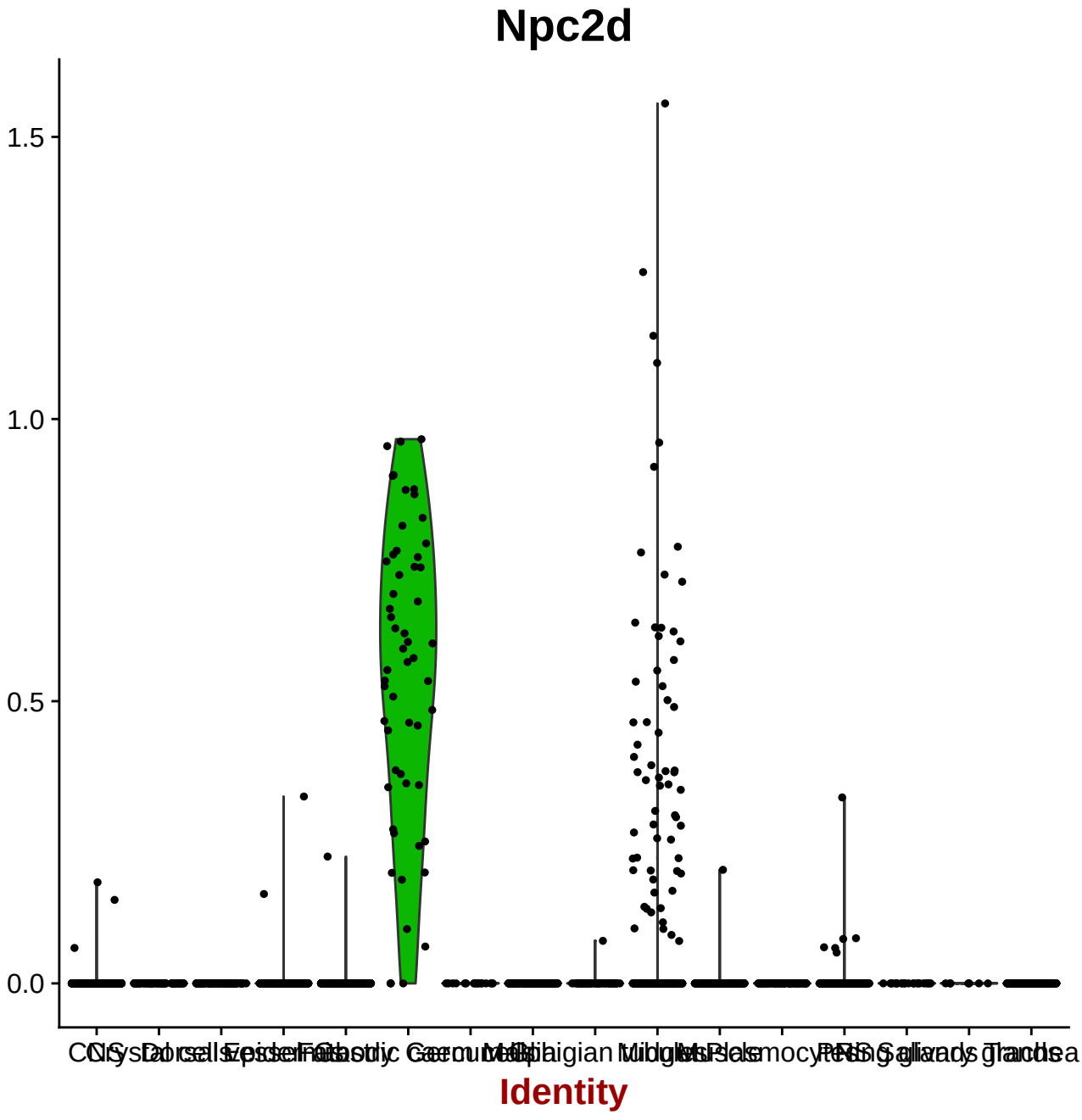
Identity


Npc2d
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0.5
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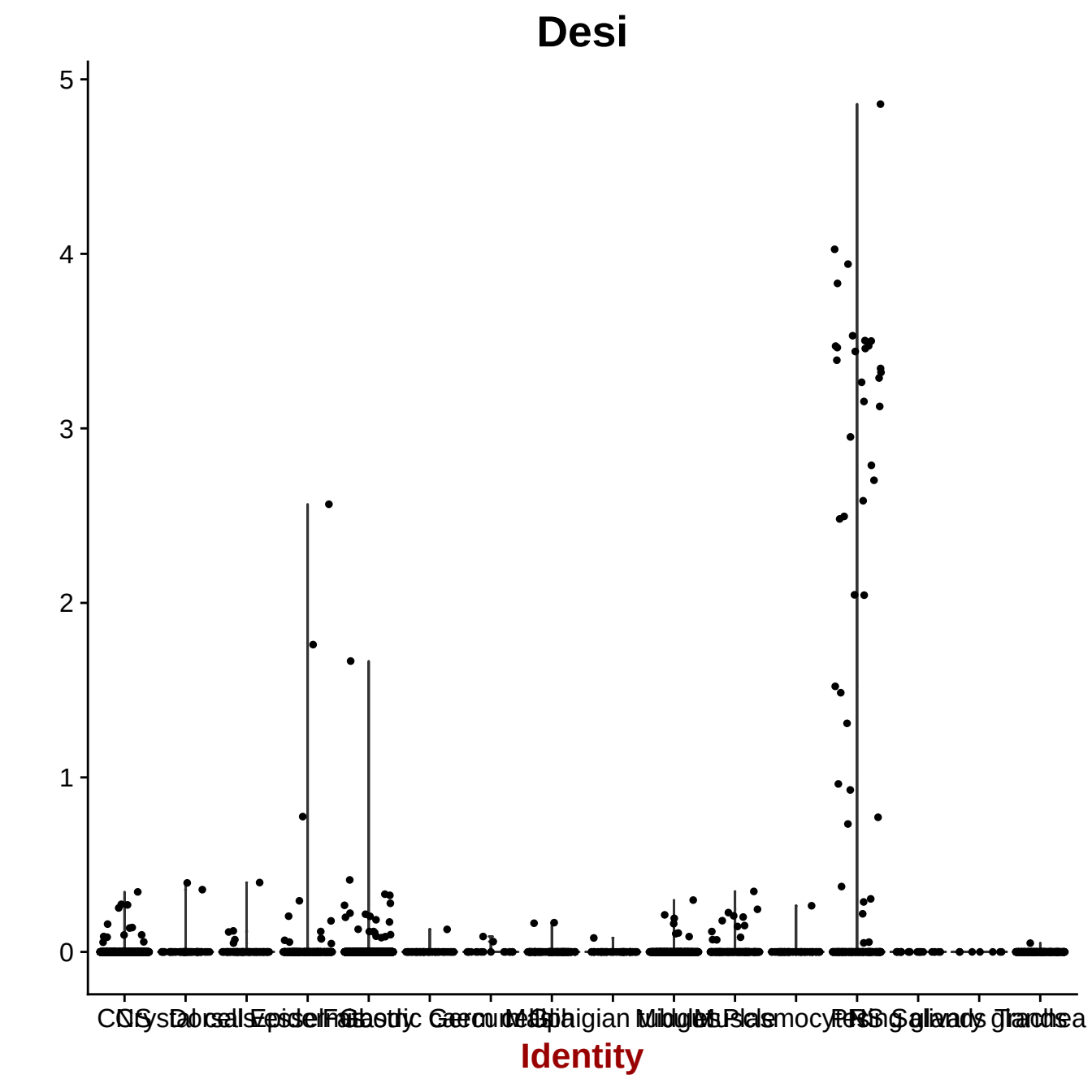
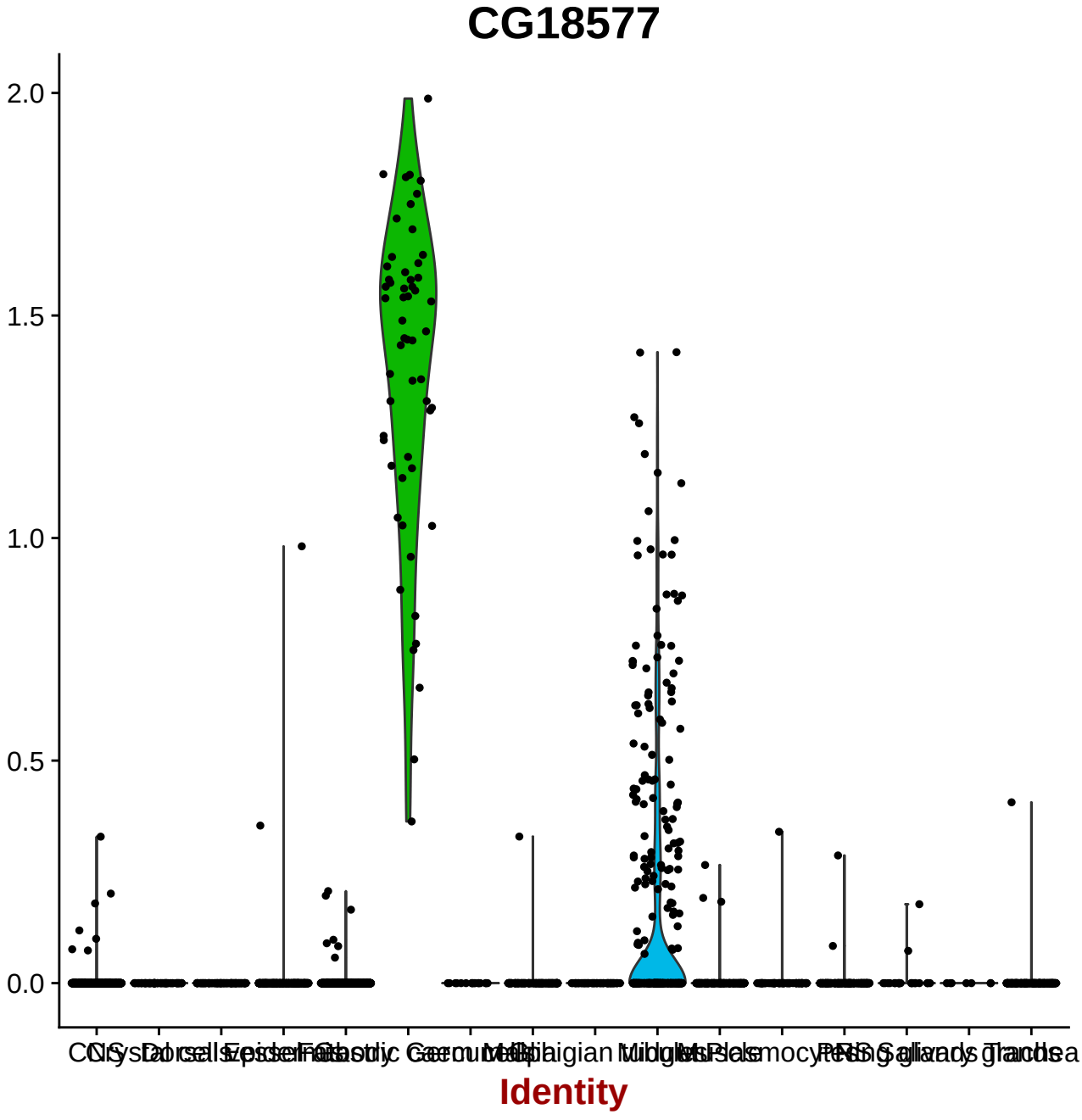
Identity


Desi
5
4
3
2
1
0
CNS
Dorsal Epidermis
Vessel
Enteric
Caecum
Mesenchyme
Pancreatic
Gut
Lymphoid
Myeloid
Plasmocytes
PNS
Salivary gland
Trachea
Identity


CG18577
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1.5
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0.5
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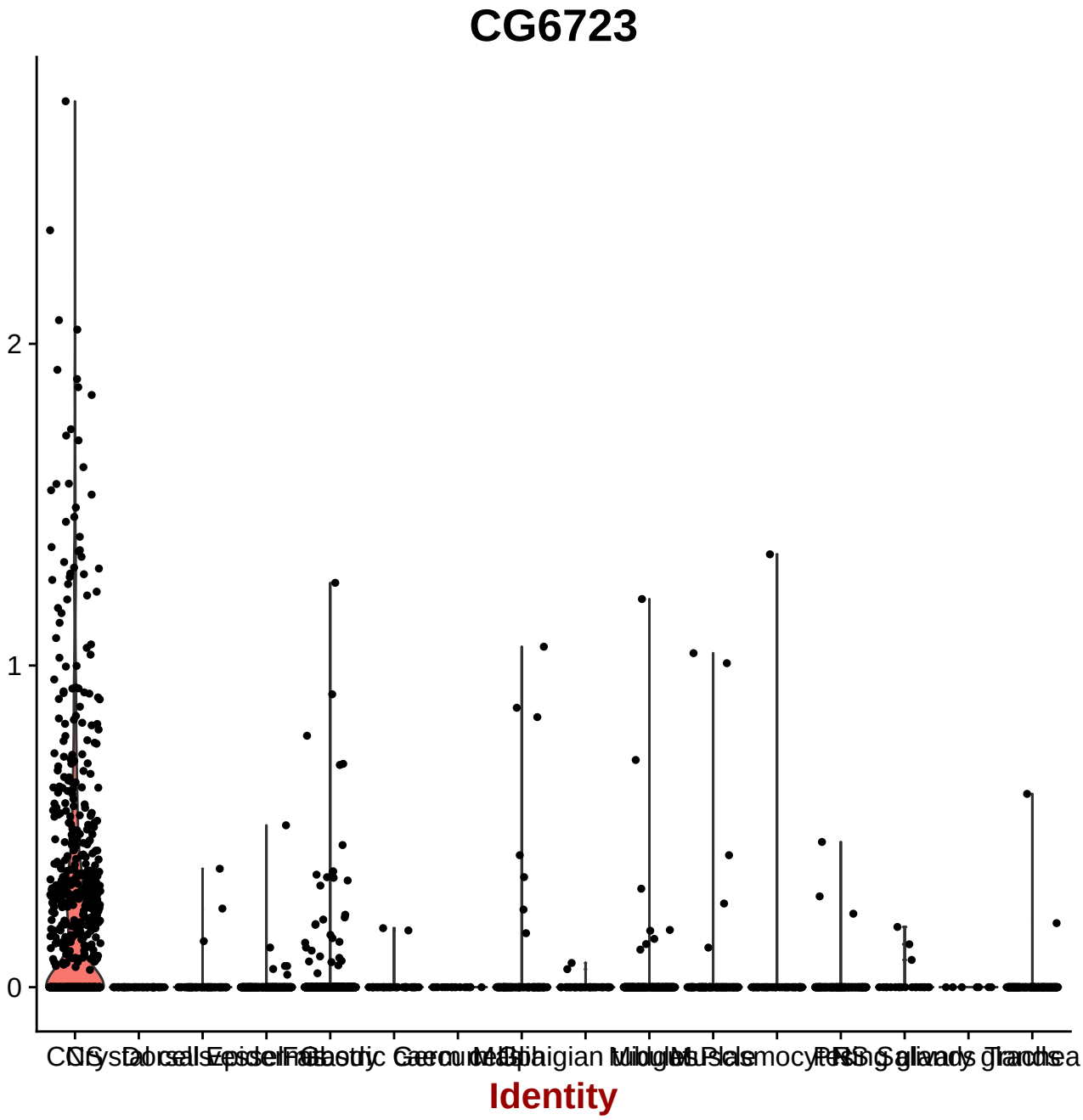
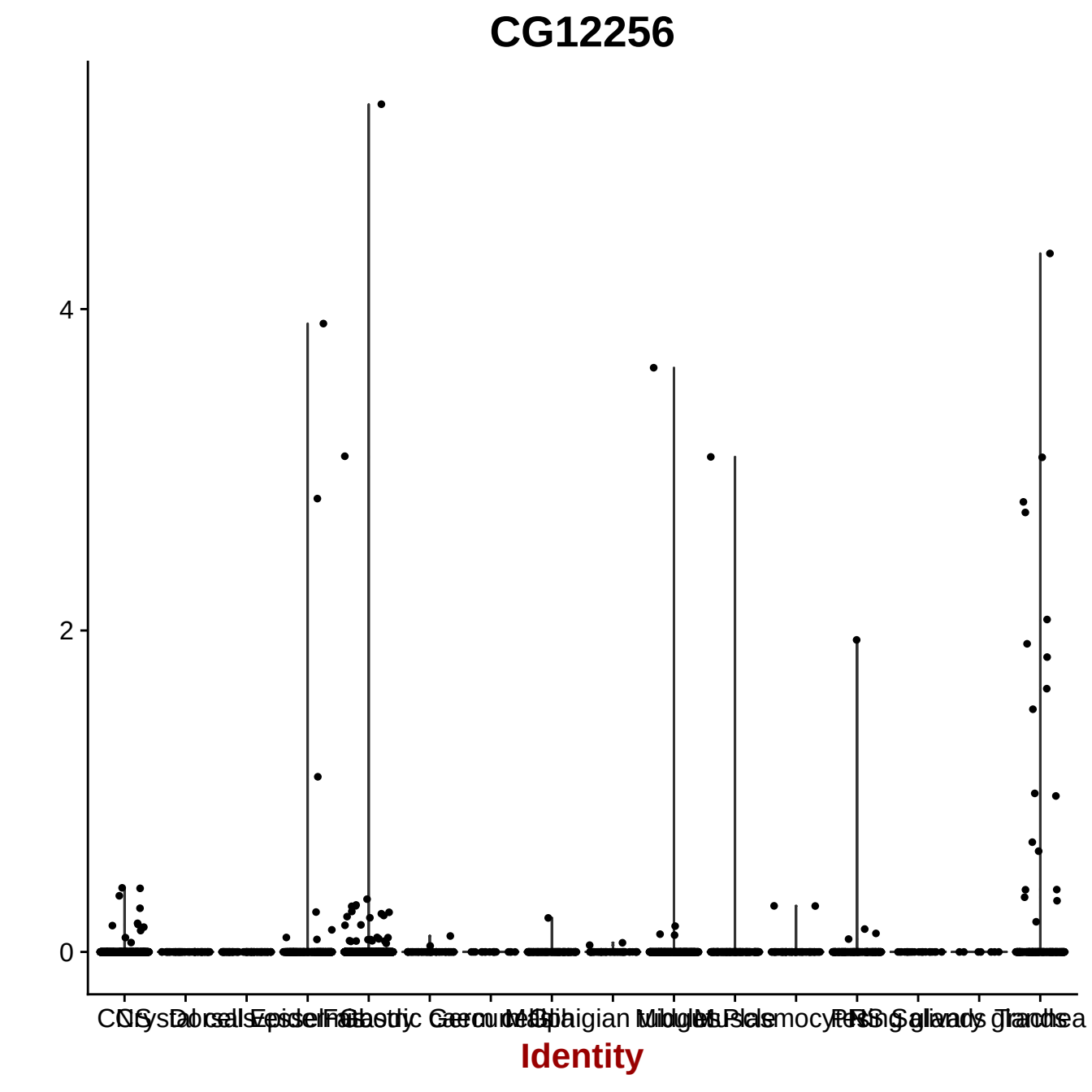
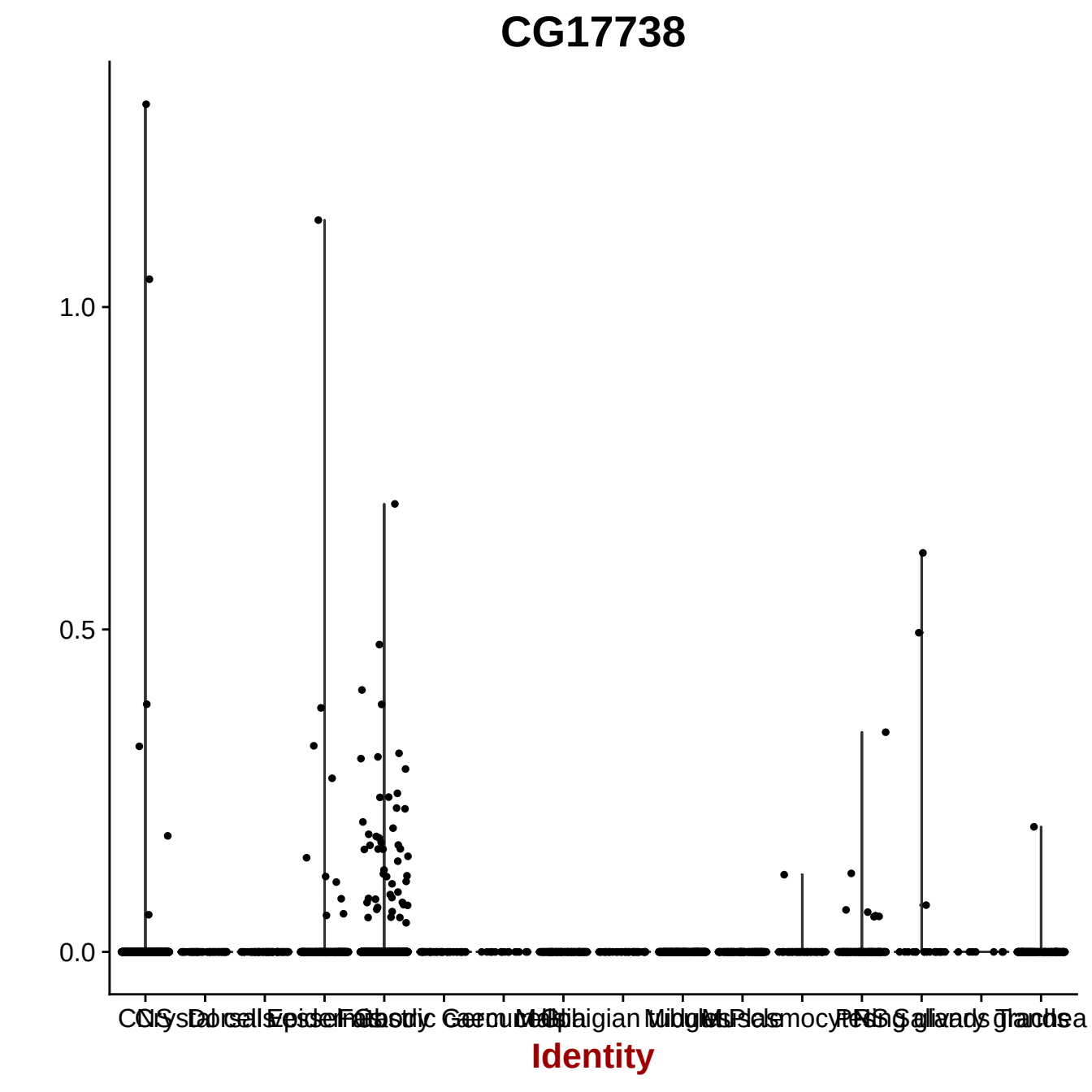
Identity


CG6723
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Gut
Malpighian
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG12256
4
2
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Germ cells
Hindgut
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG17738
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0.5
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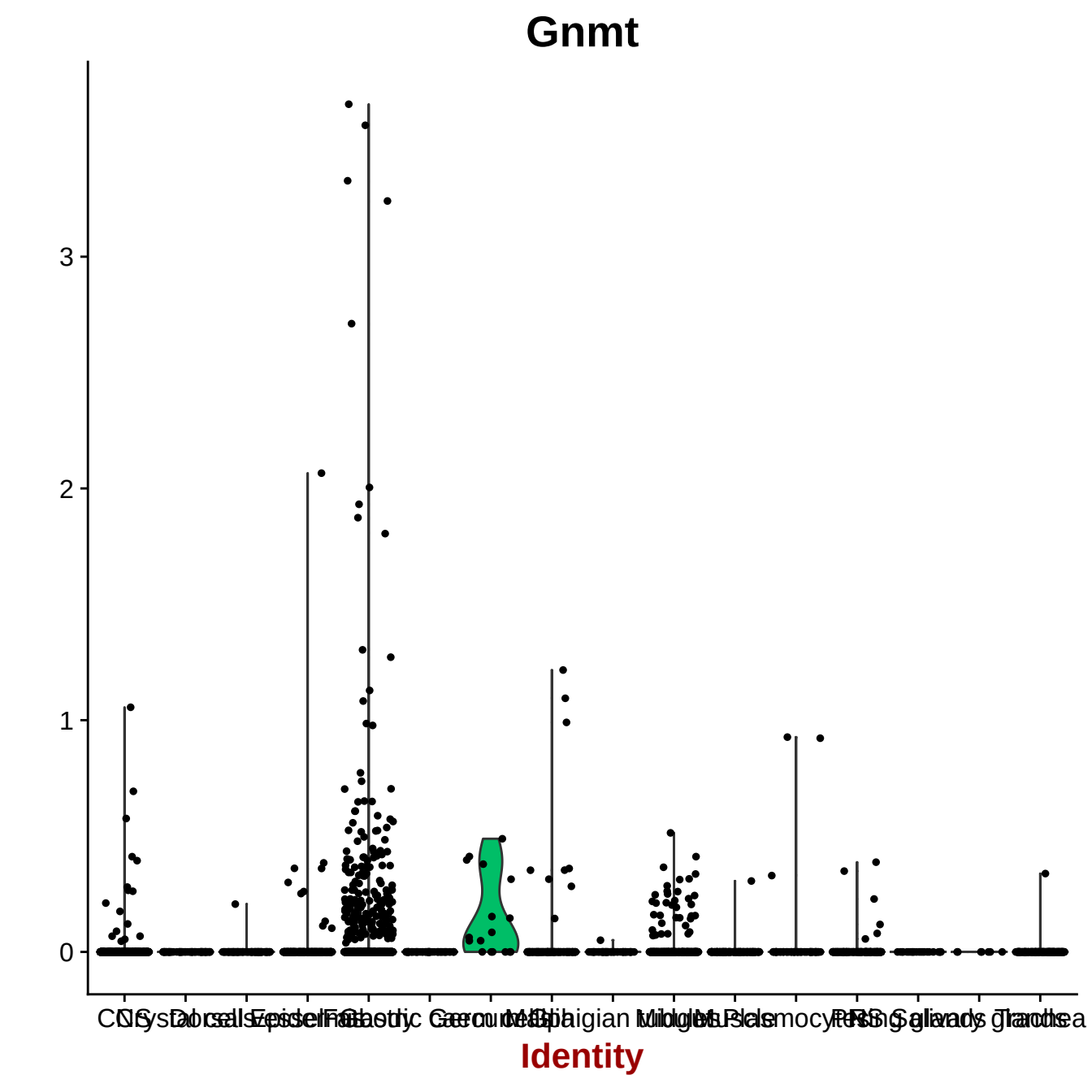
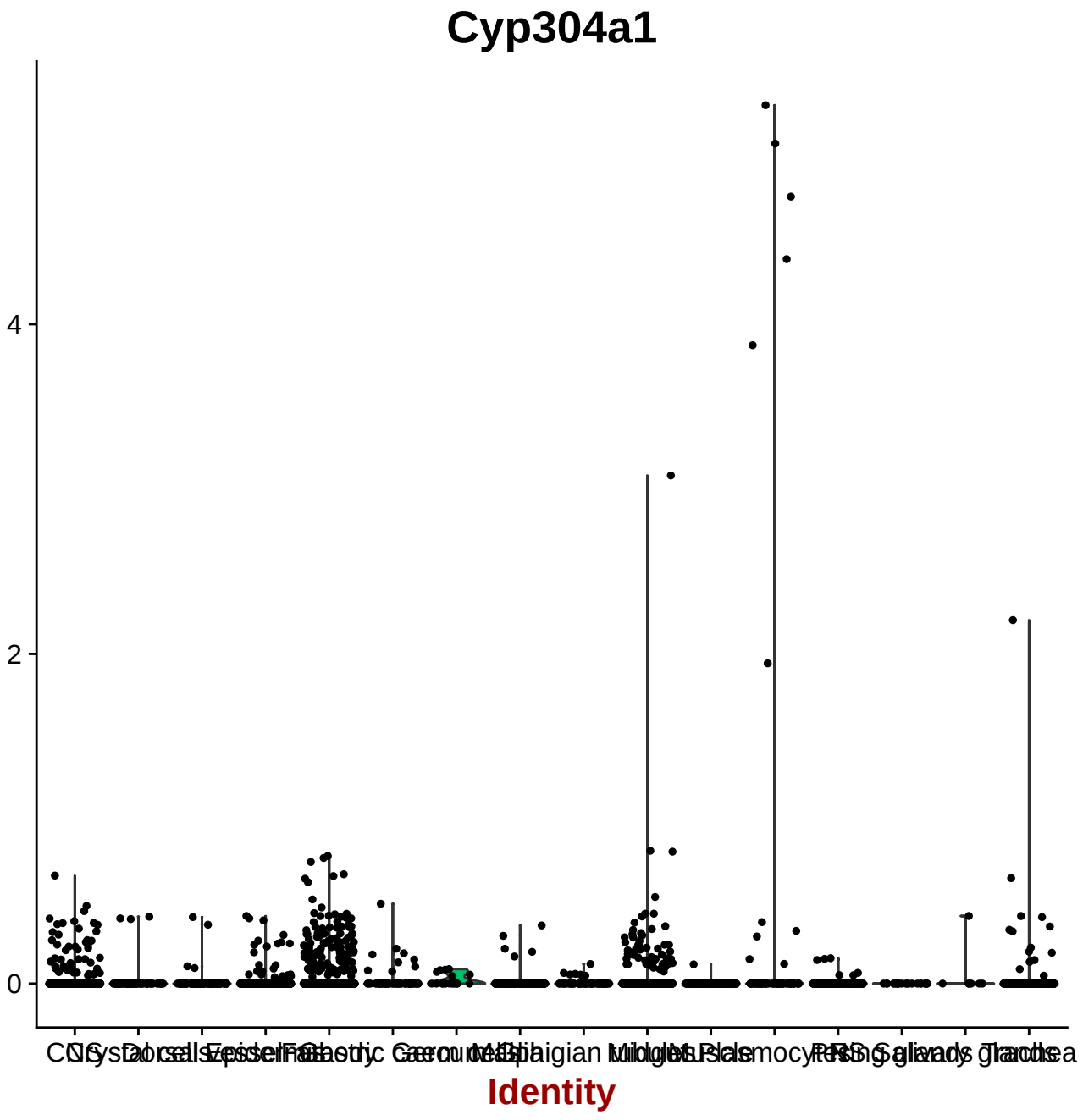
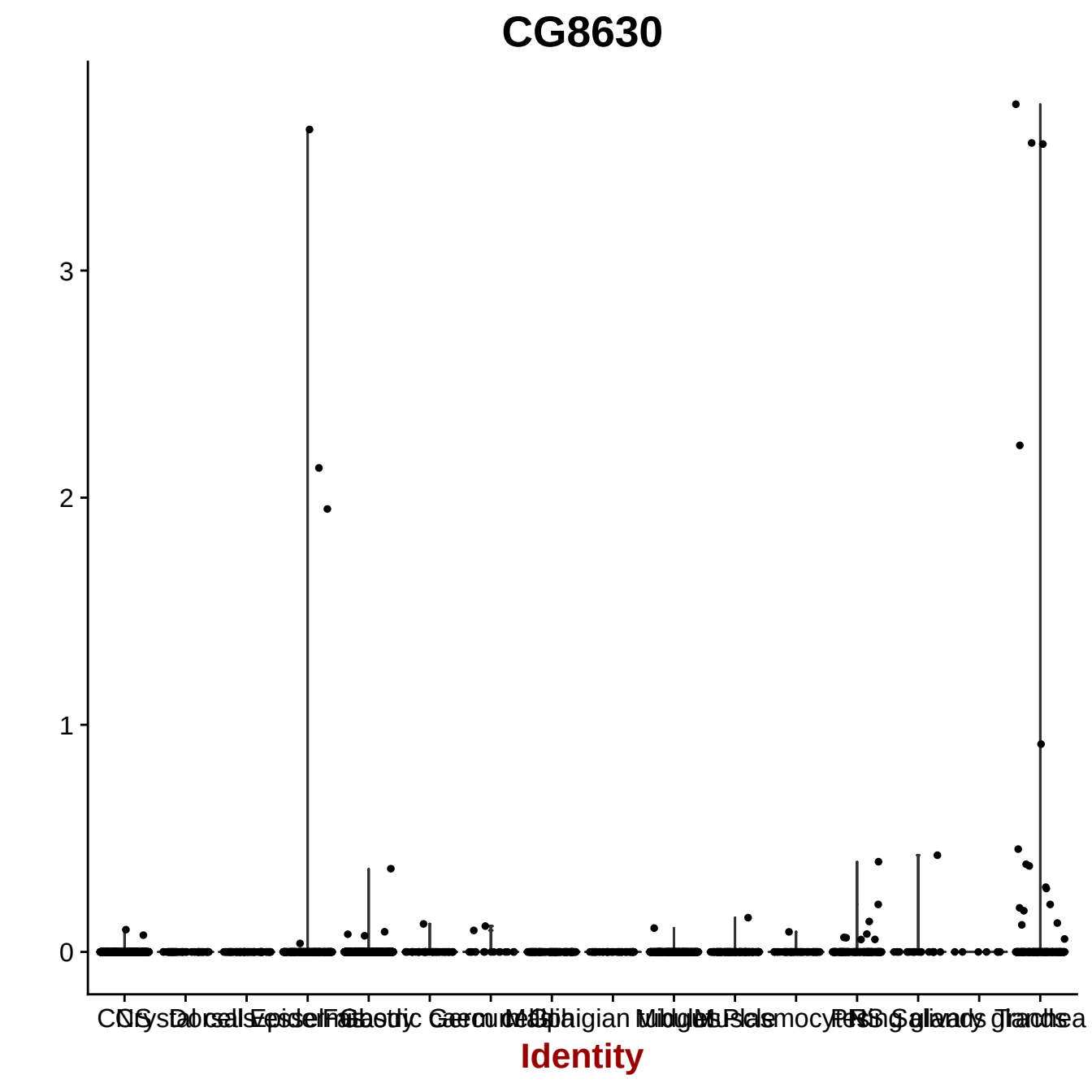
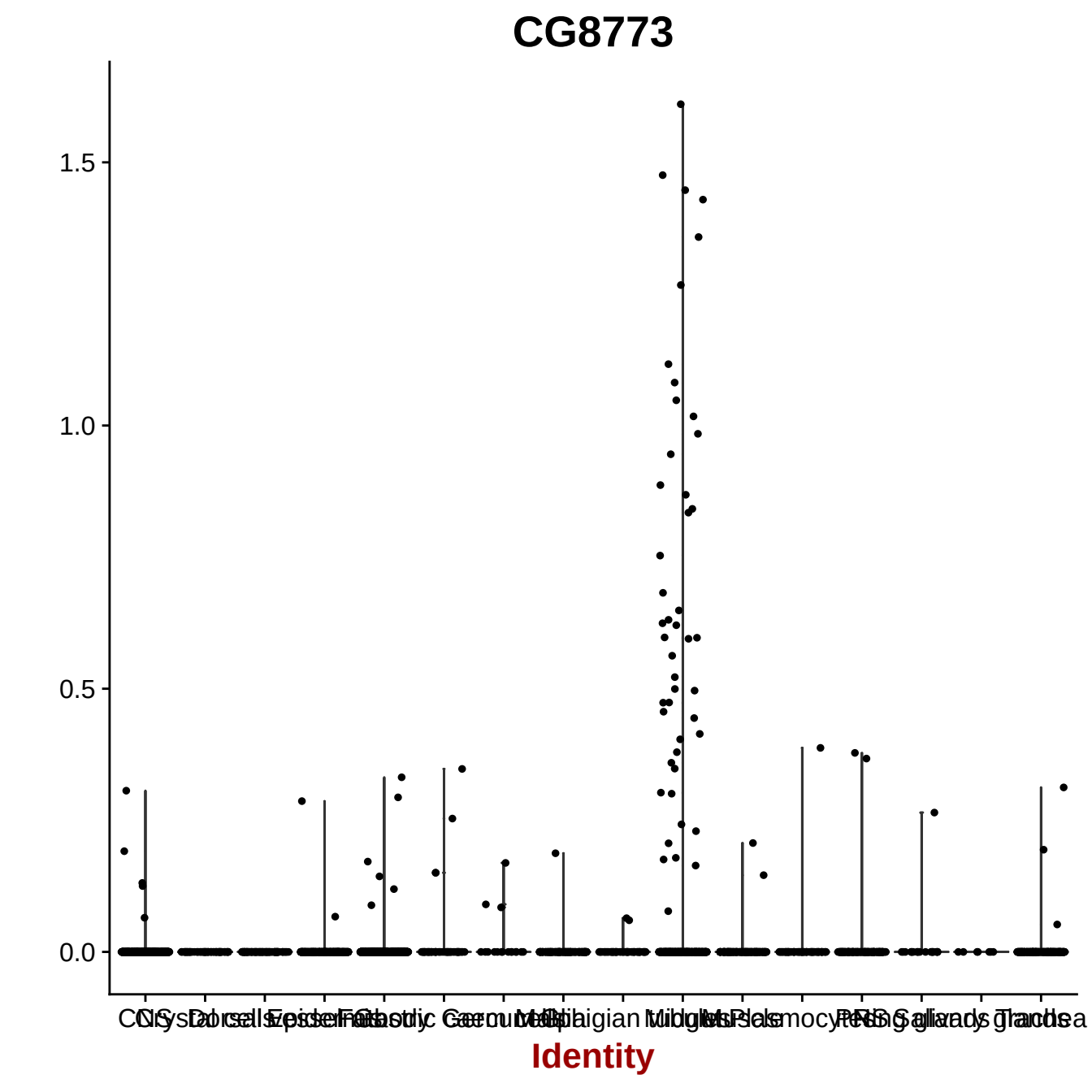
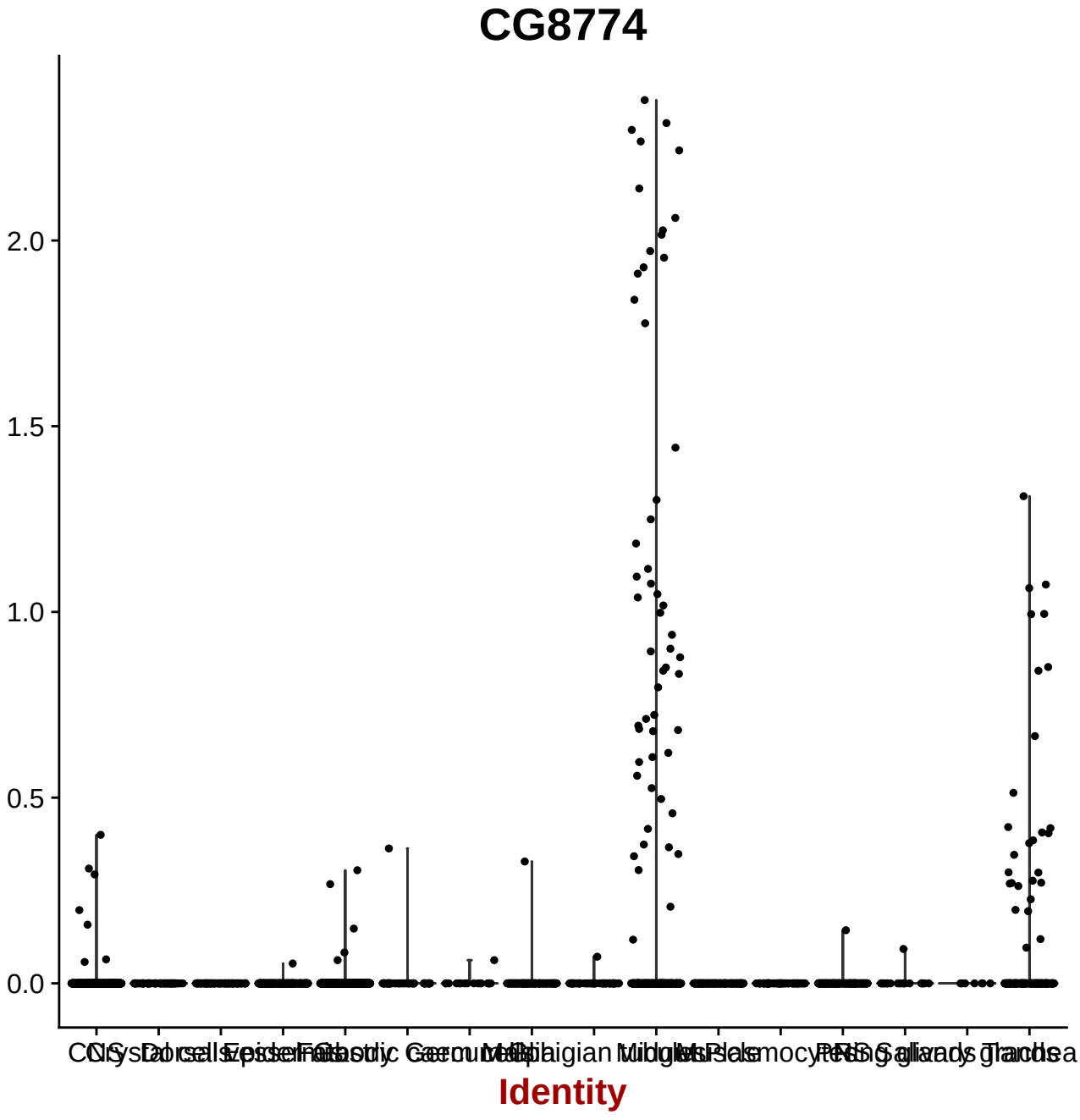
Identity

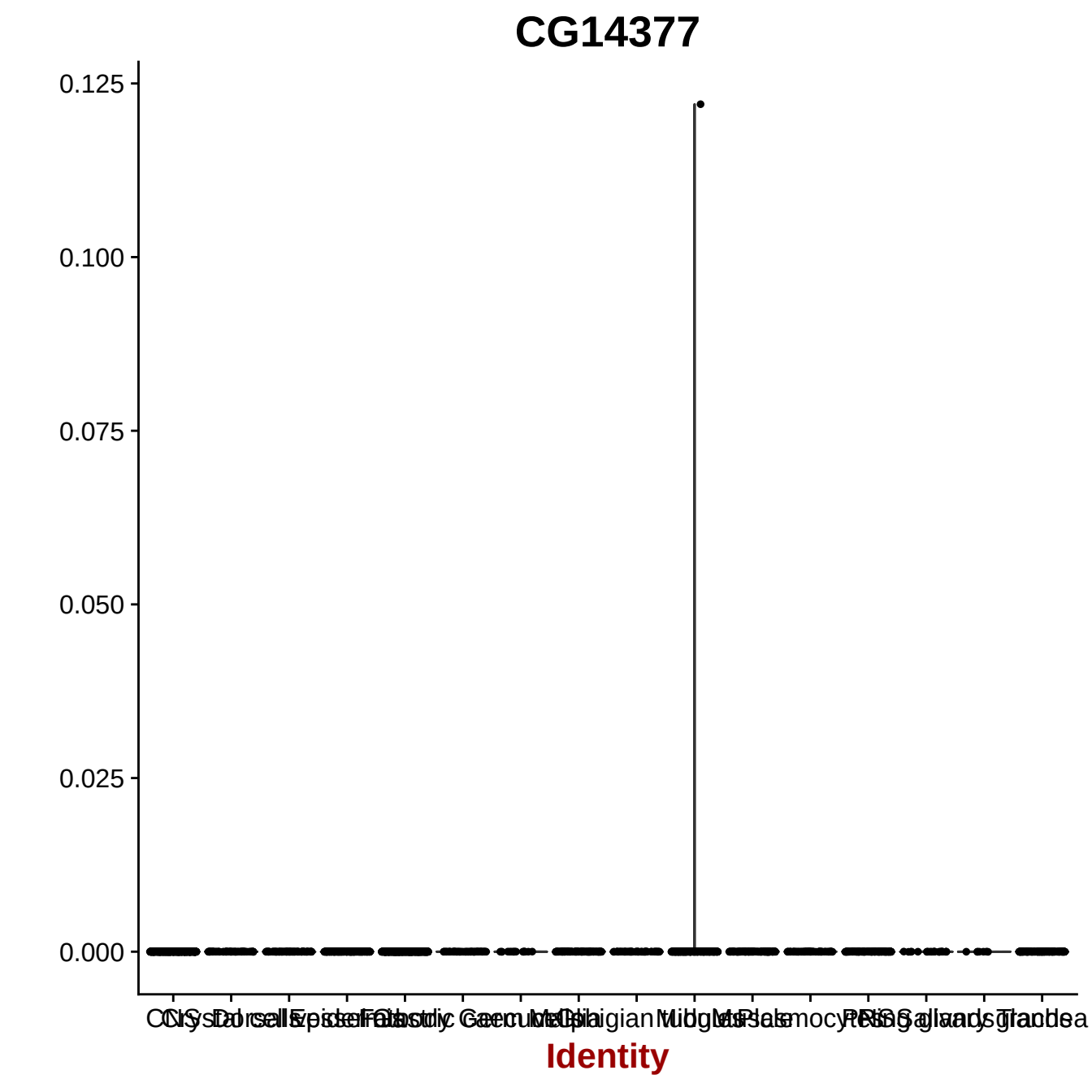

Gnmt
3
2
1
0
CNS
Crystalline
Dorsal root
Epidermis
Epithelial
Fibroblastic
Germinal
Hepatocyte
Leukocyte
Lymphocyte
Myeloid
Neuron
Pancreatic
PNS
Salivary gland
Trachea
Identity


Cyp304a1
4
2
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG8630
3
2
1
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Hemocytes
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG8773
1.5
1.0
0.5
0.0
Identity


CG8774
2.0
1.5
1.0
0.5
0.0
Identity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0.075
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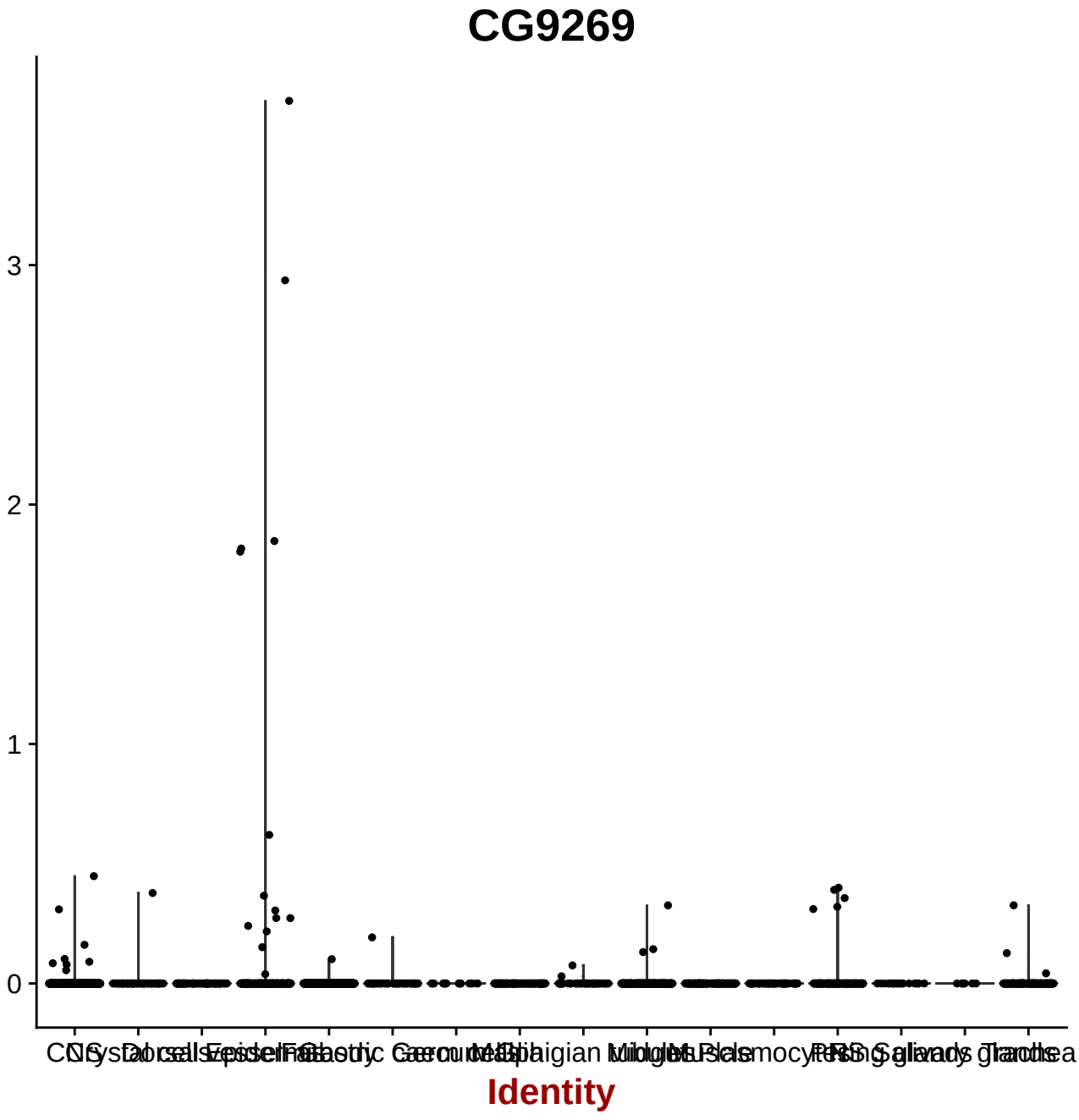
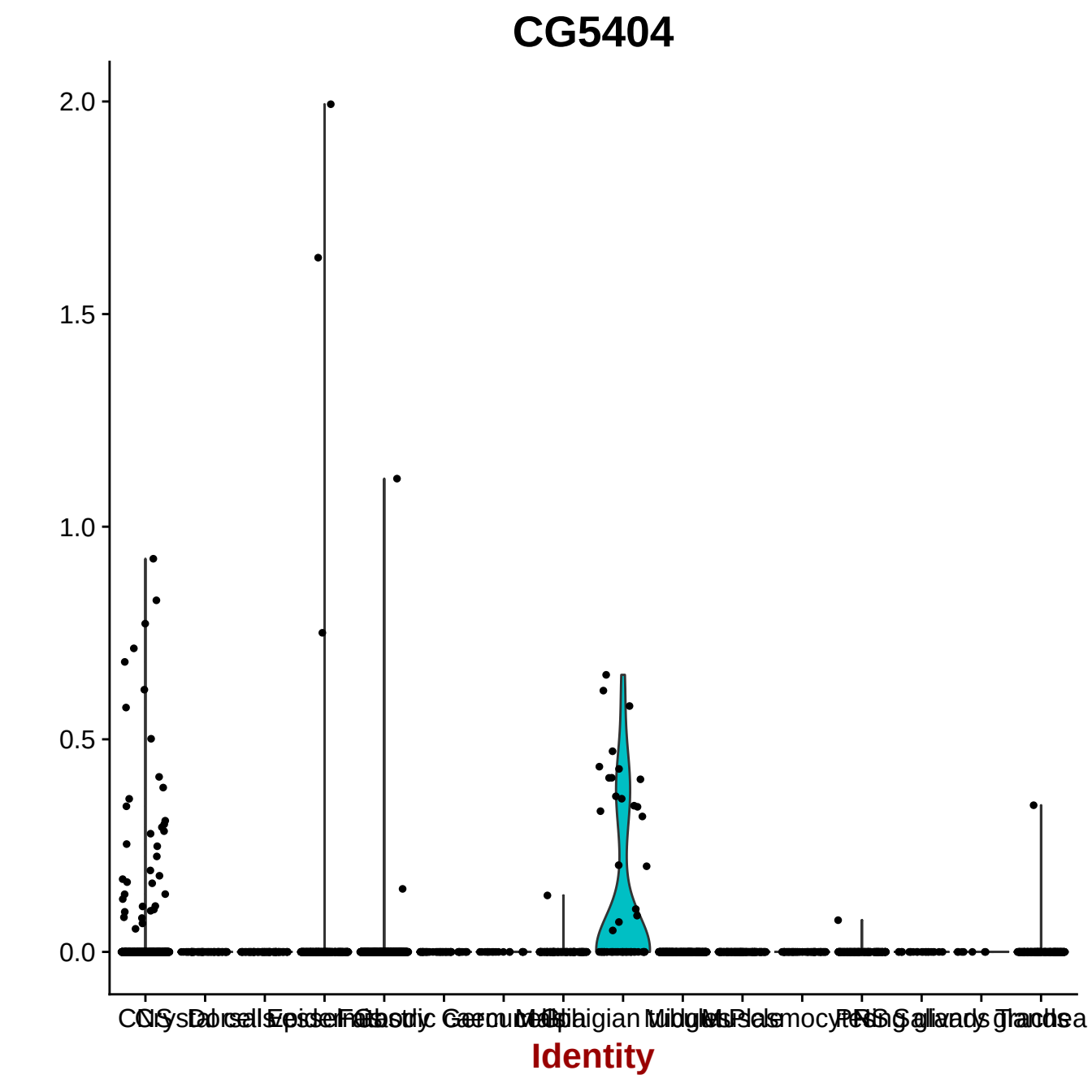
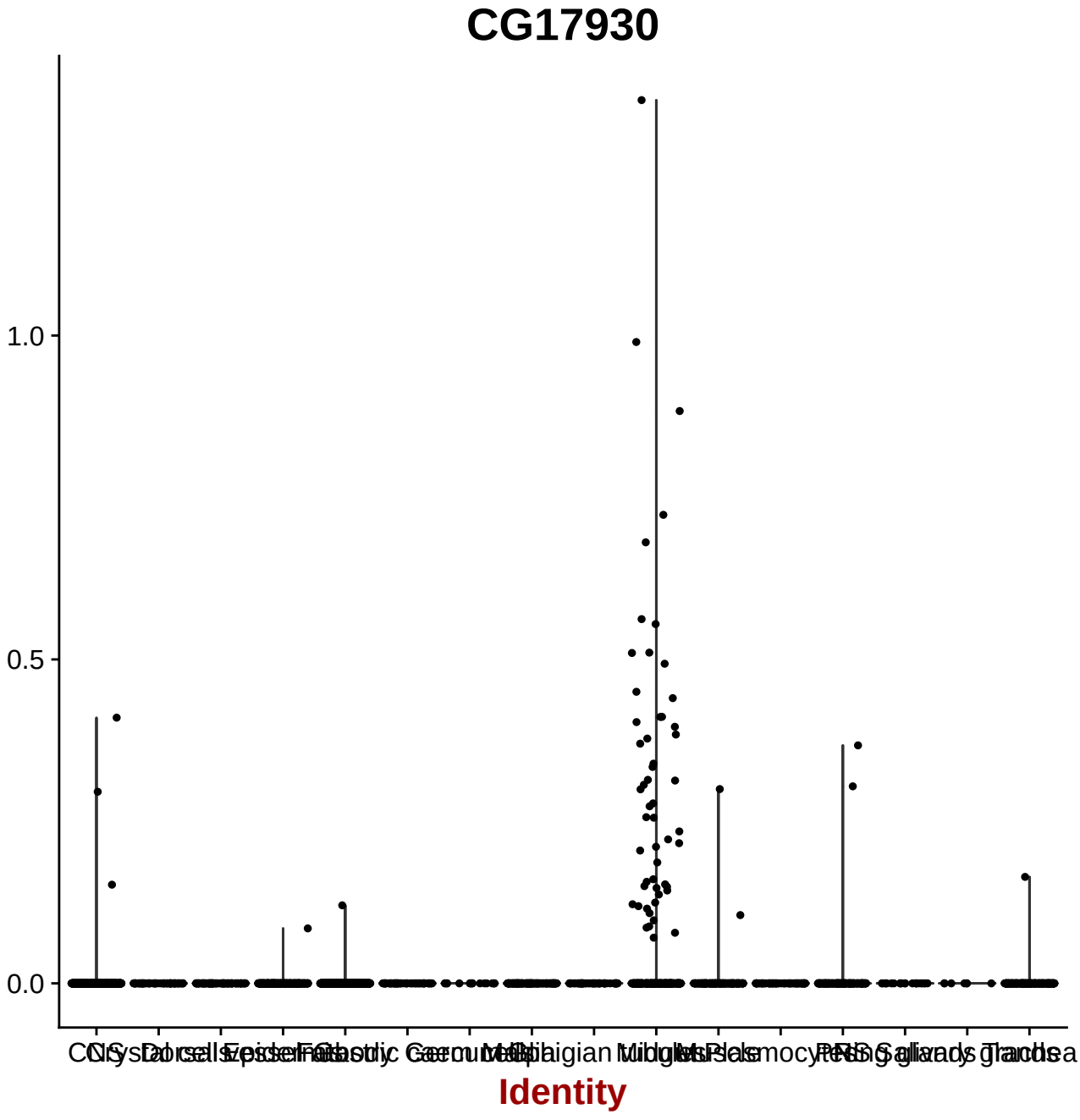
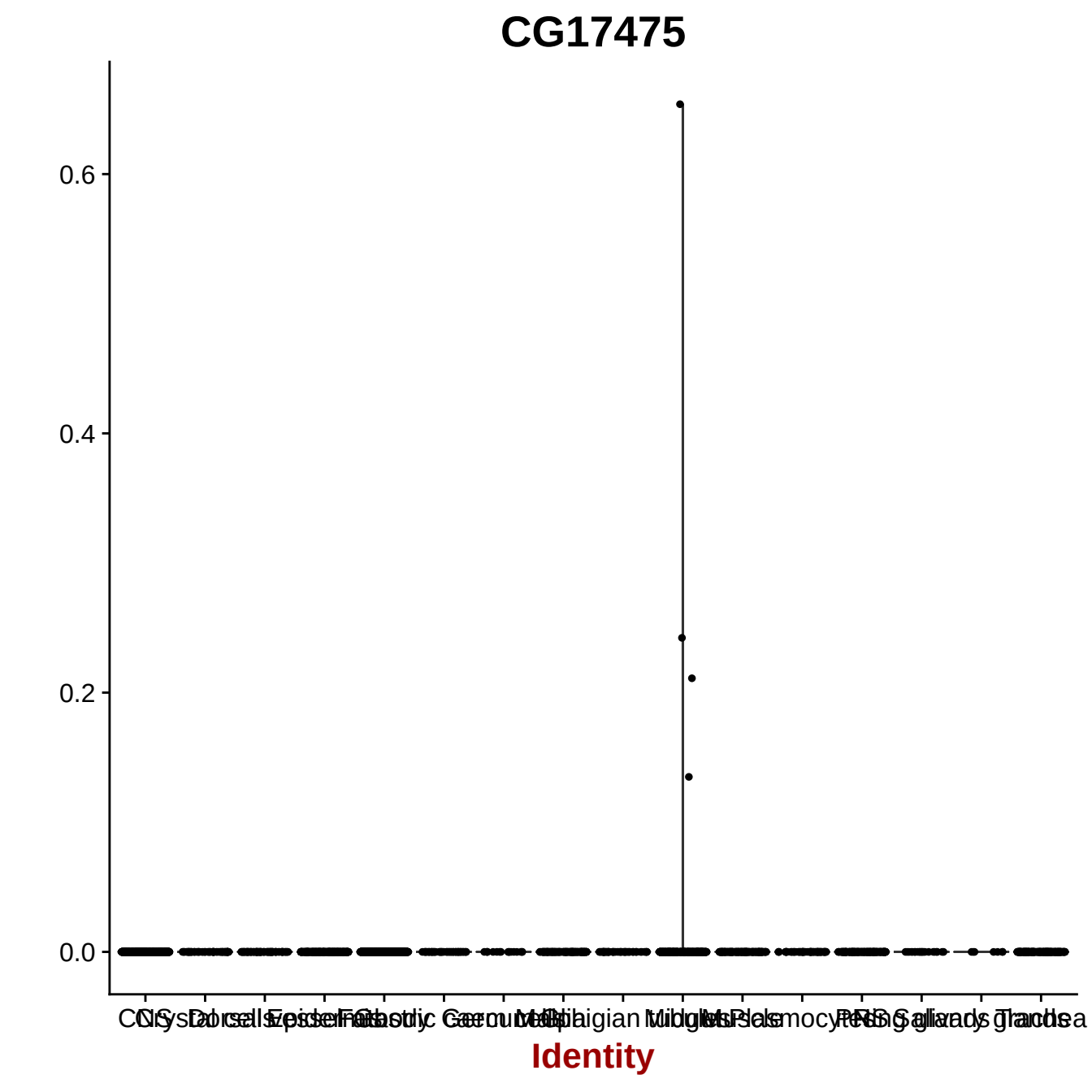
0.025
0.000
Identity


CG9269
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG5404
2.0
1.5
1.0
0.5
0.0
Identity


CG17930
1.0
0.5
0.0
CNS
Crystal cell
Dorsal epidermis
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Muscle
Plasmatocytes
PNS
Salivary gland
Trachea
Identity


CG17475
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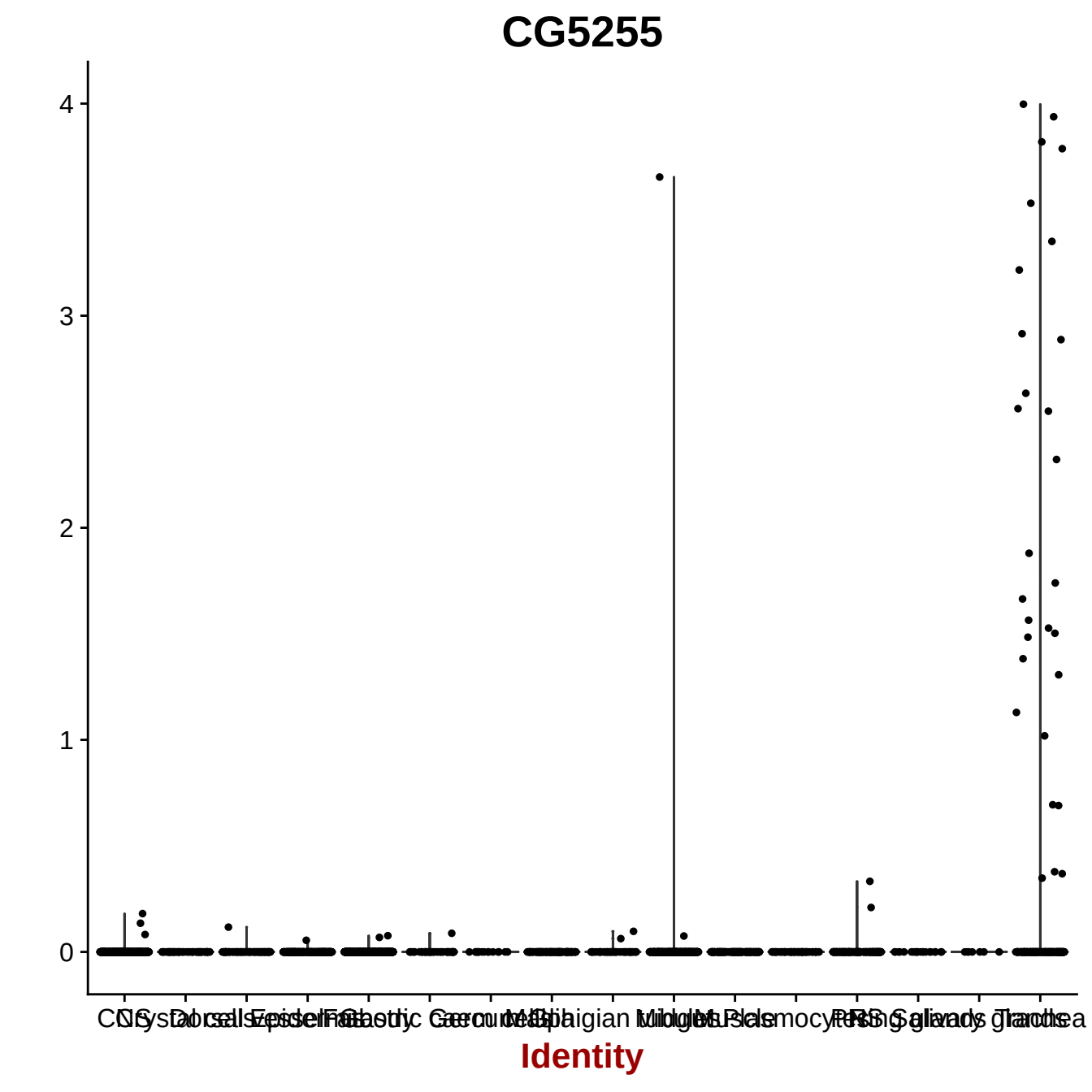
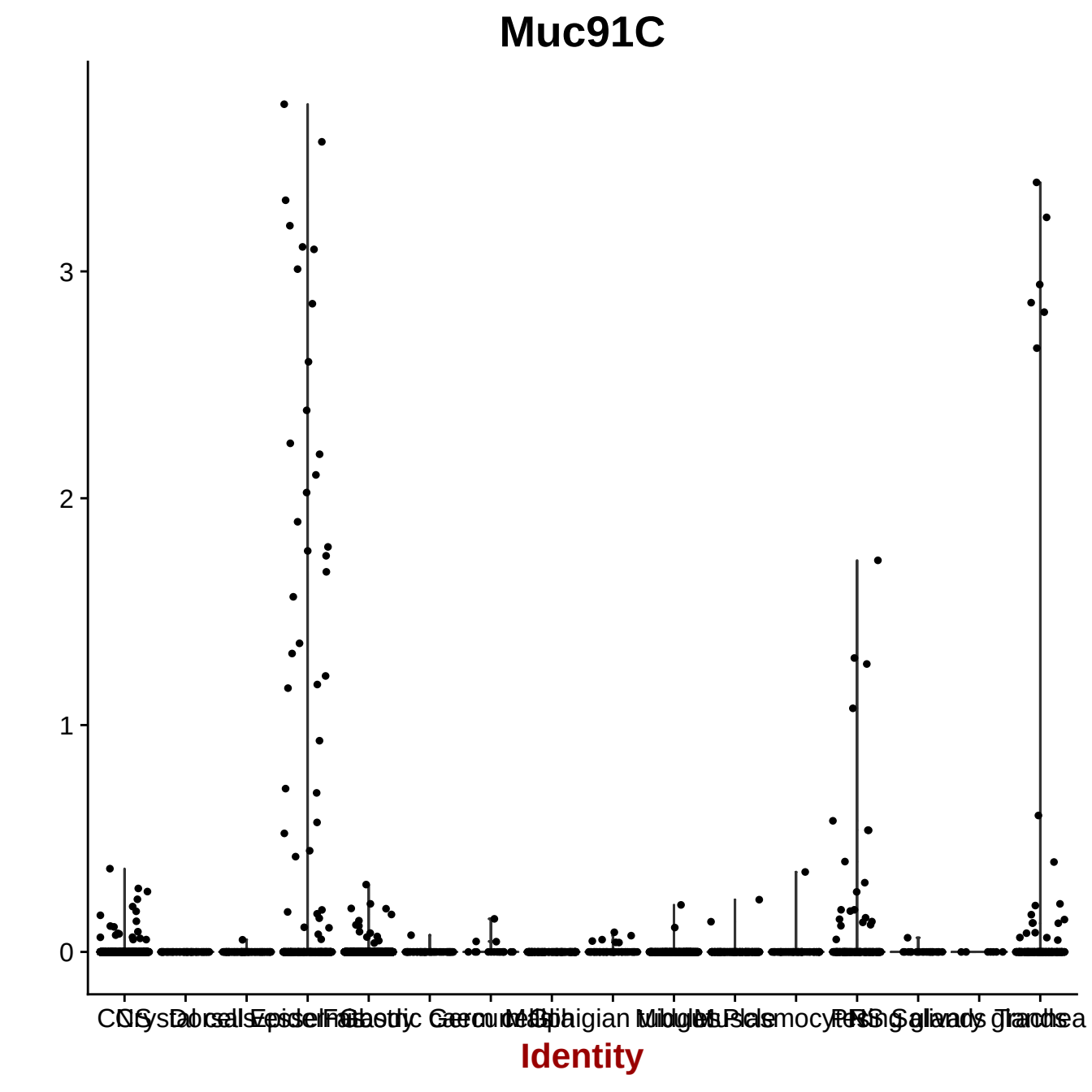
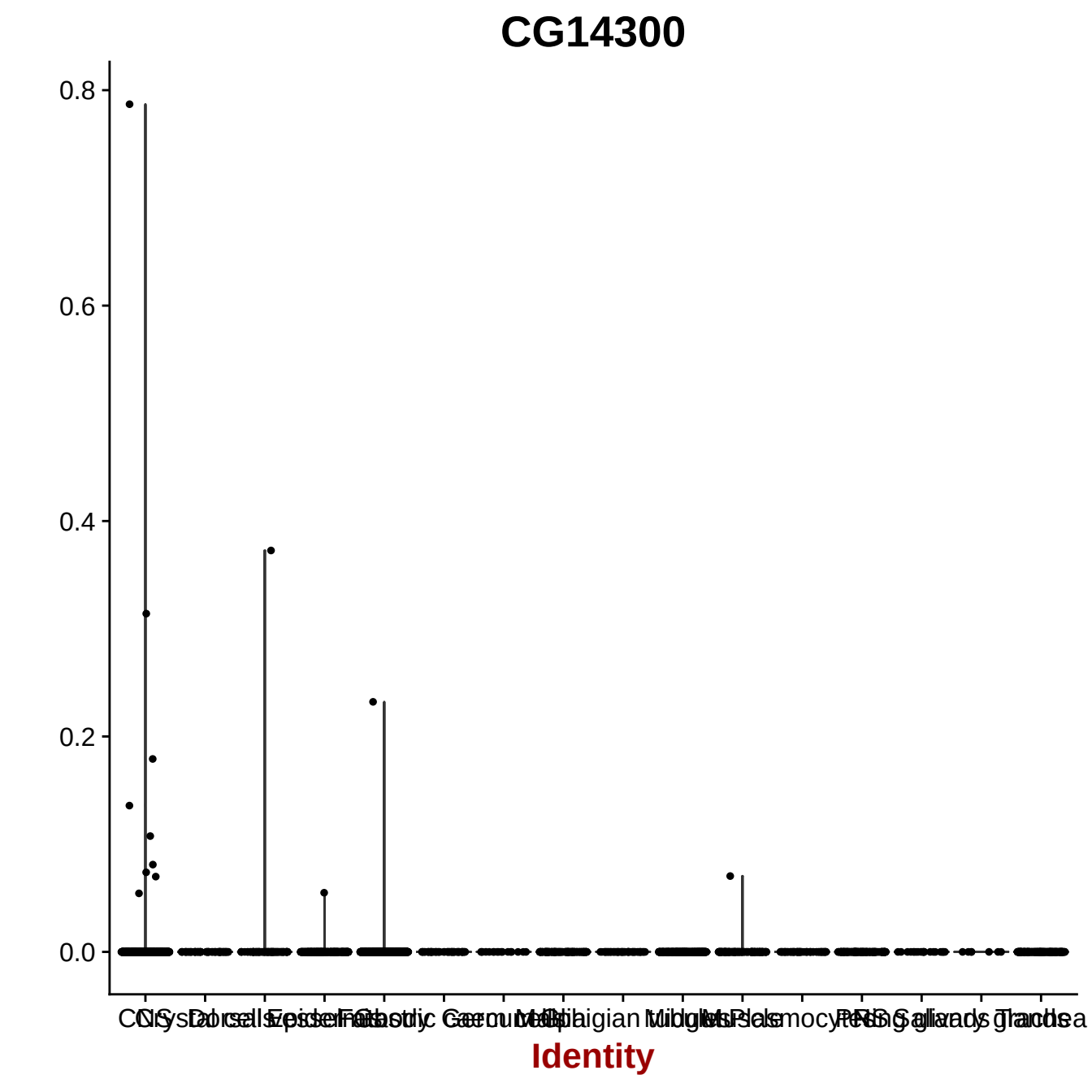
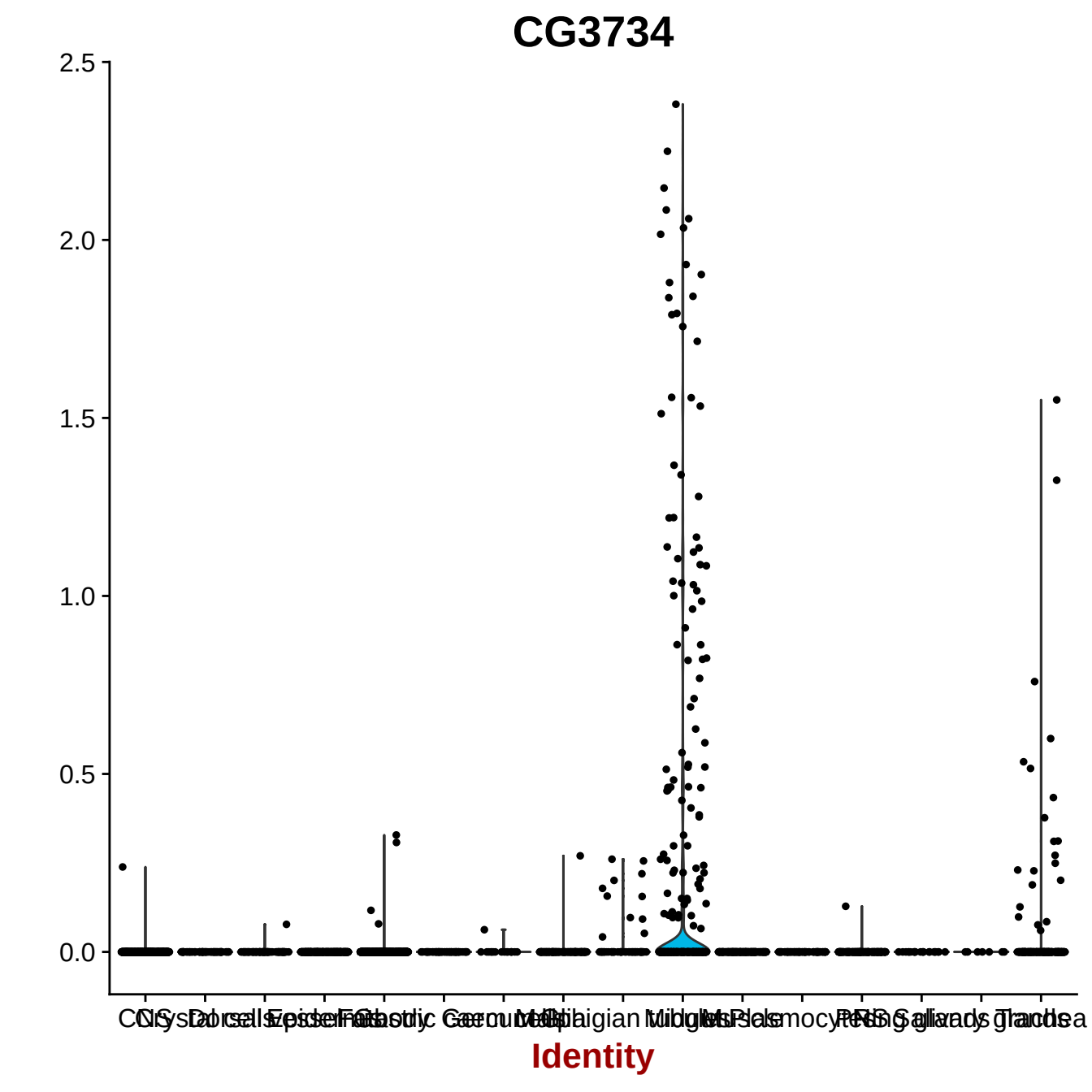
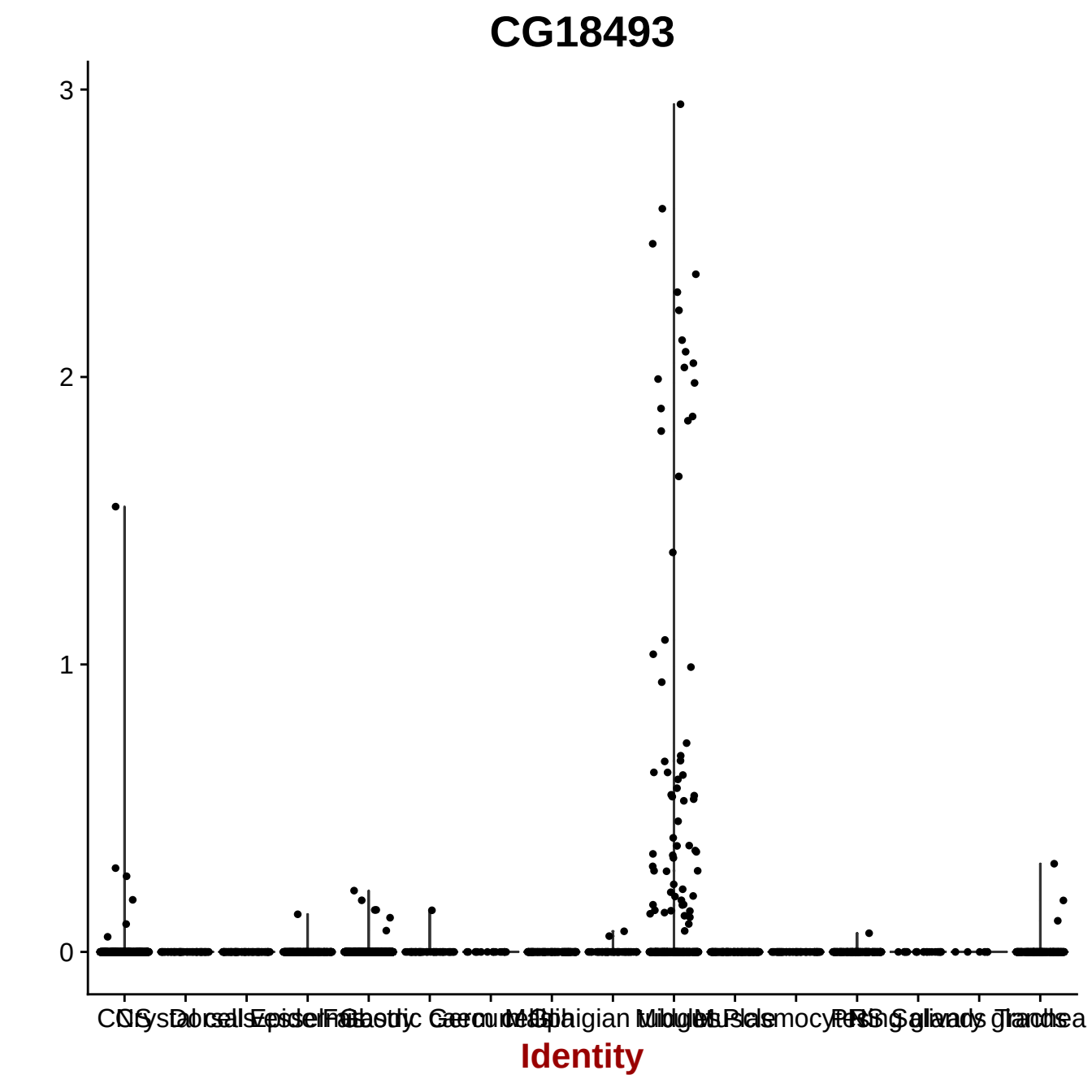
0.4
0.2
0.0
Identity

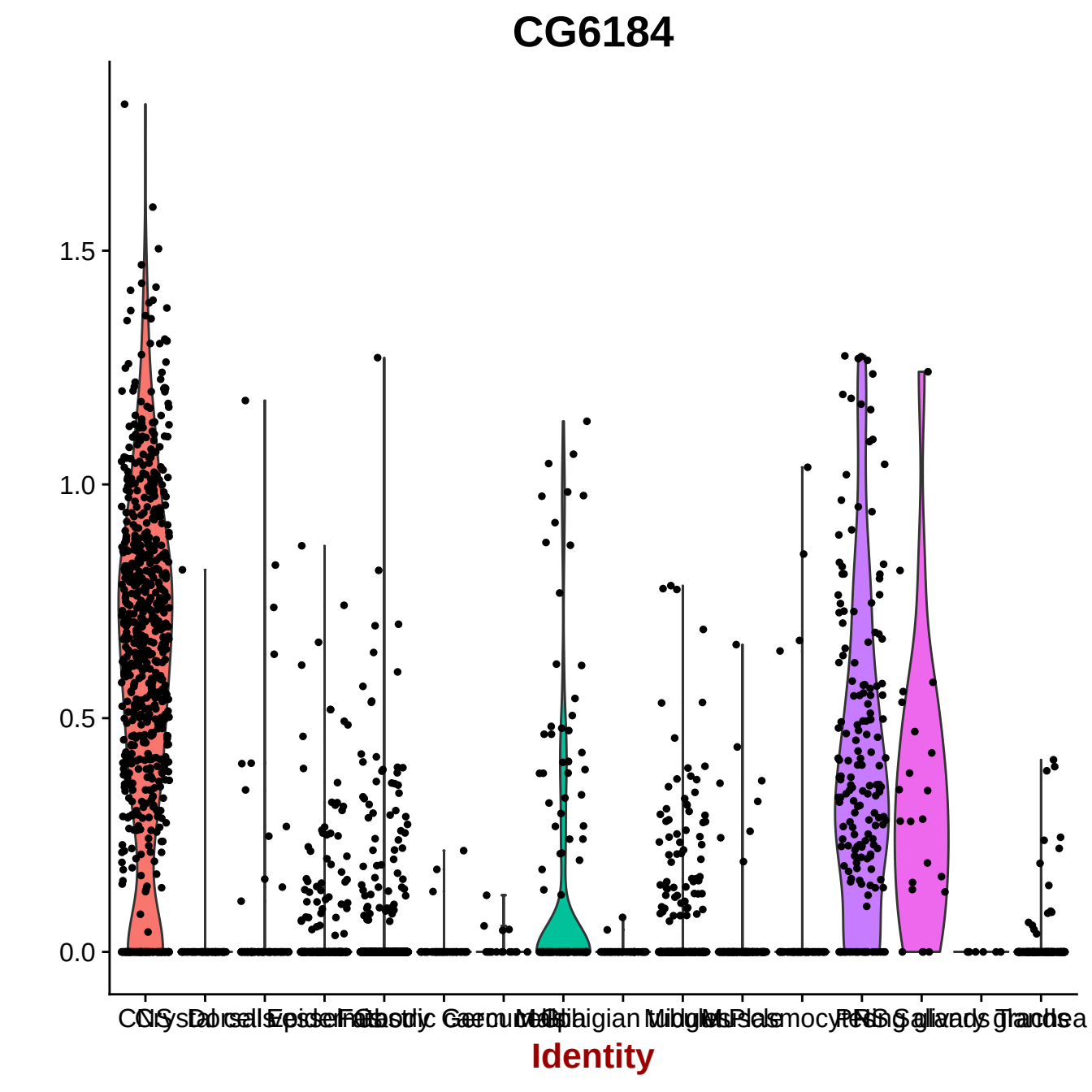

CG5255
4
3
2
1
0
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Garland cells
Hemocytes
Malpighian tubules
Midgut
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity

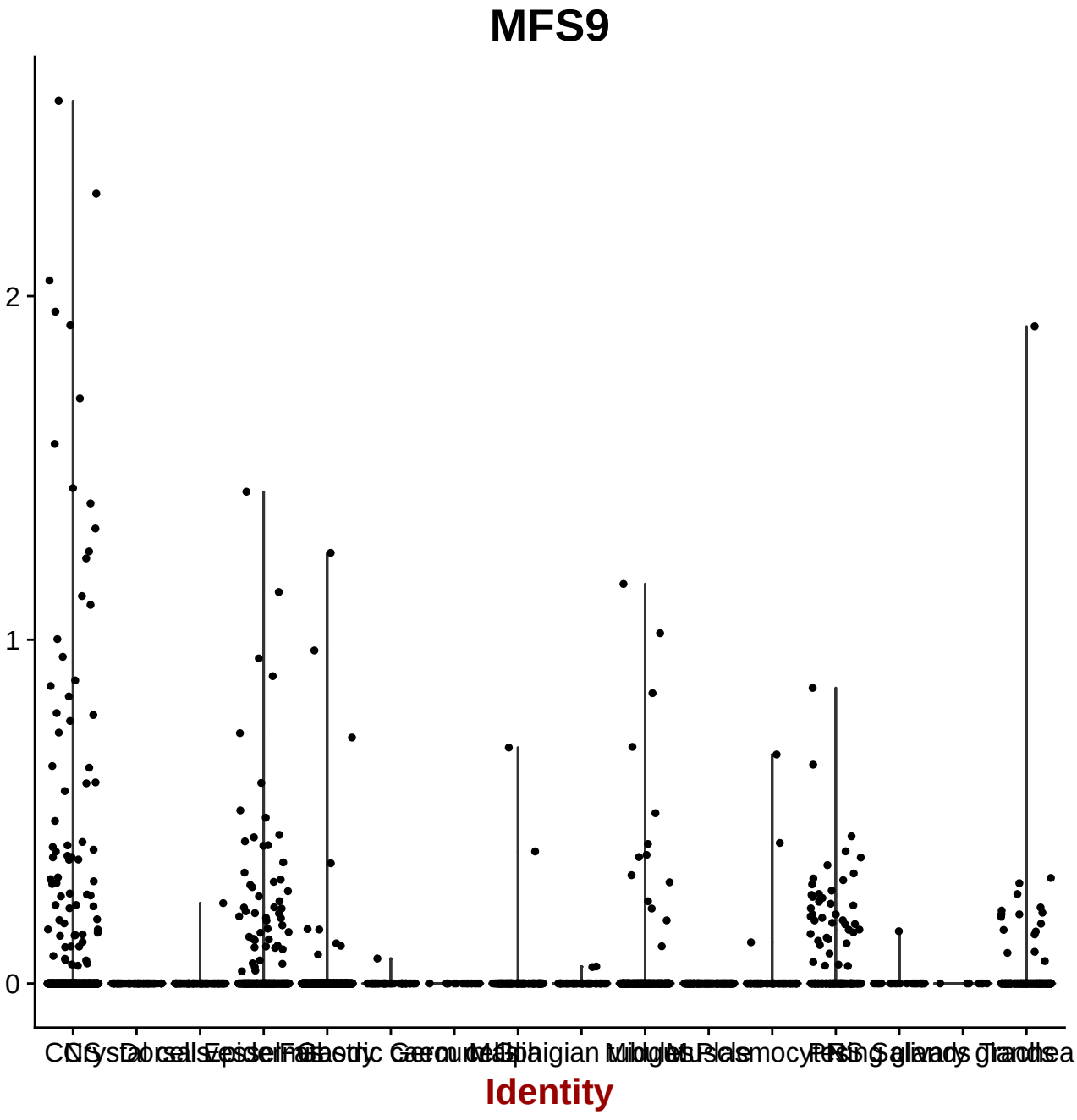

Muc91C
3
2
1
0
CNS
Dorsal epithelial
Epidermis
Elastic cartilage
Caecum epithelia
Hepatocyte
Intestinal epithelial
Lymphocytes
PNS
Salivary gland
Trachea
Identity

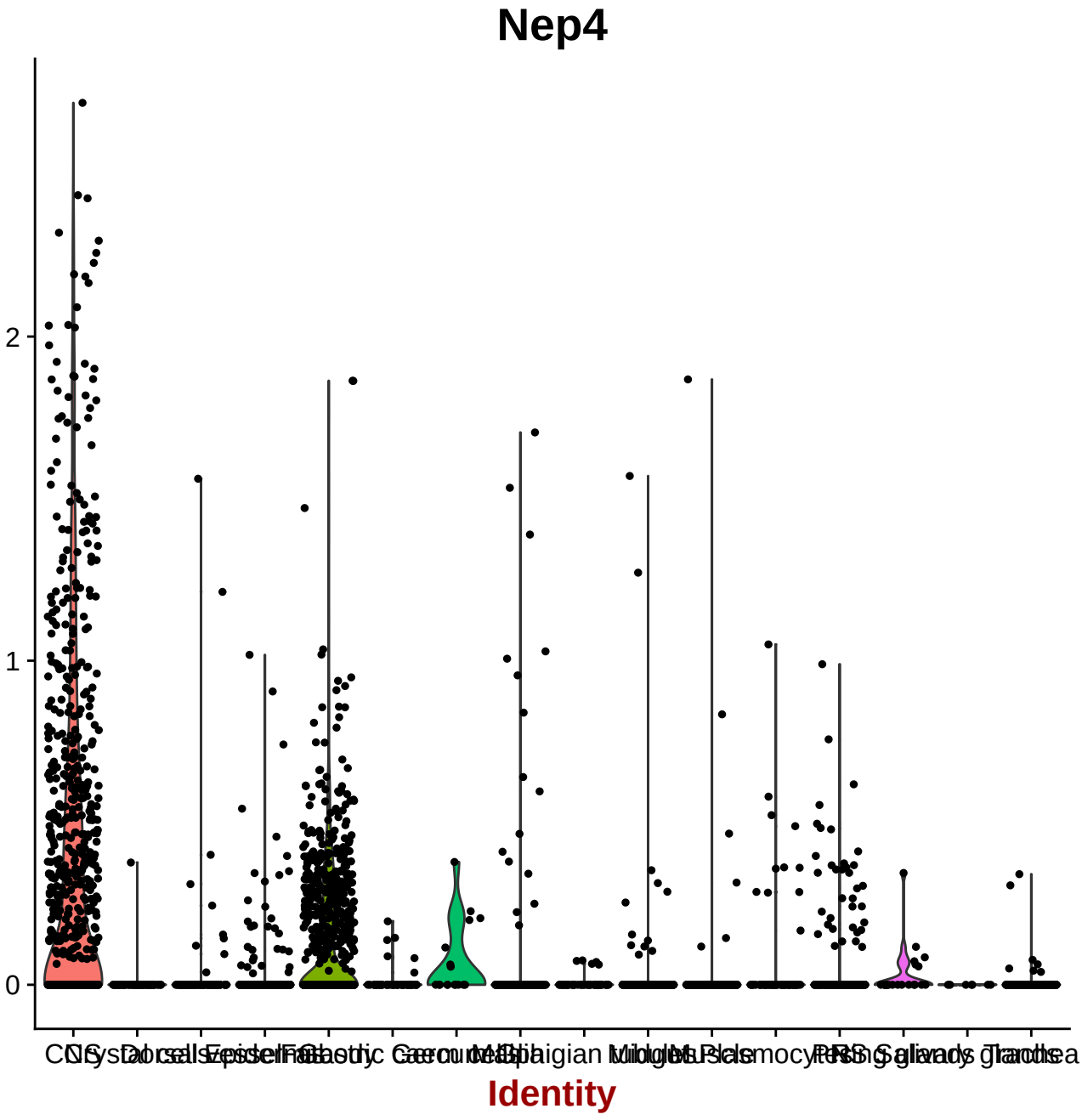

CG14300
0.8
0.6
0.4
0.2
0.0
Identity

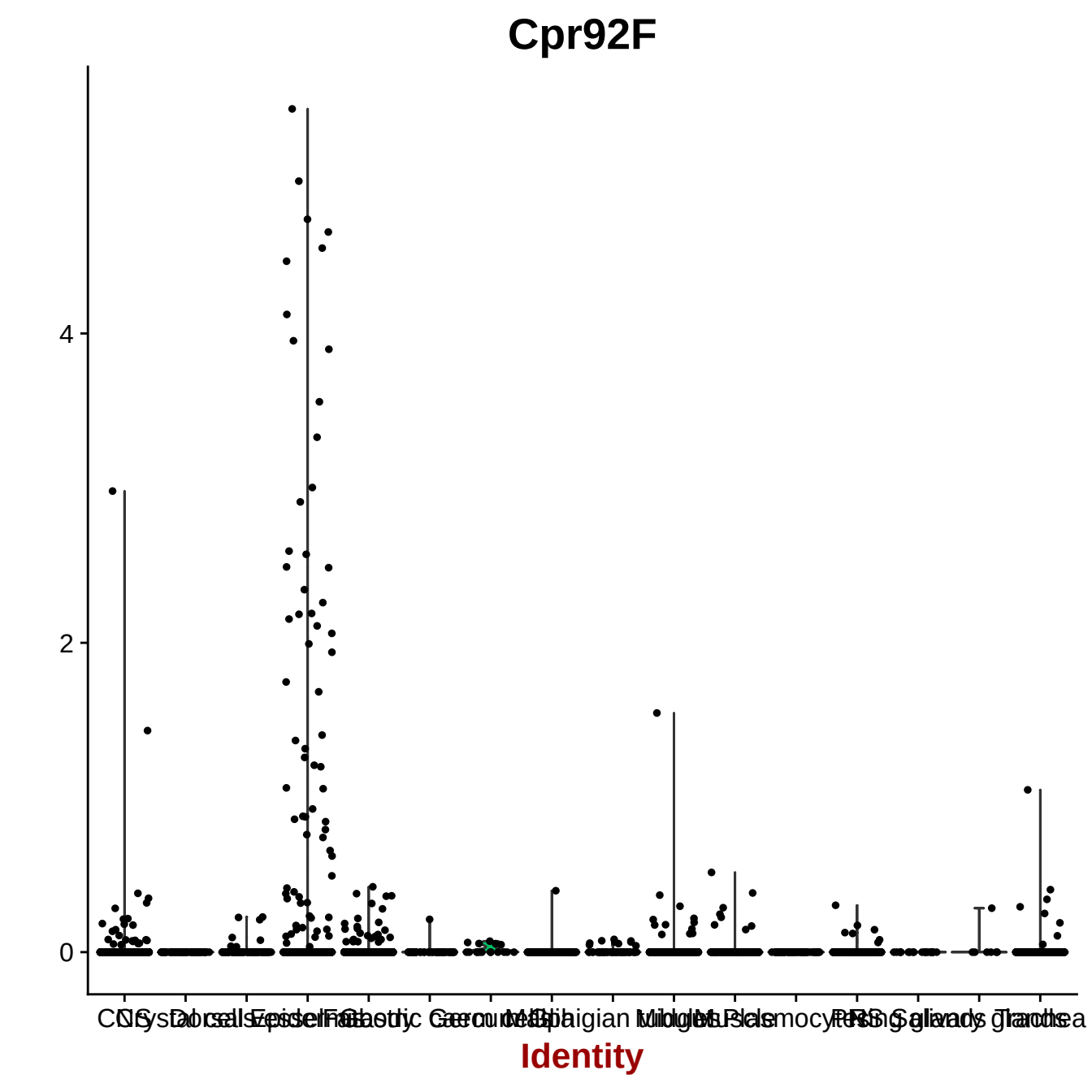

CG3734
2.5
2.0
1.5
1.0
0.5
0.0
Identity

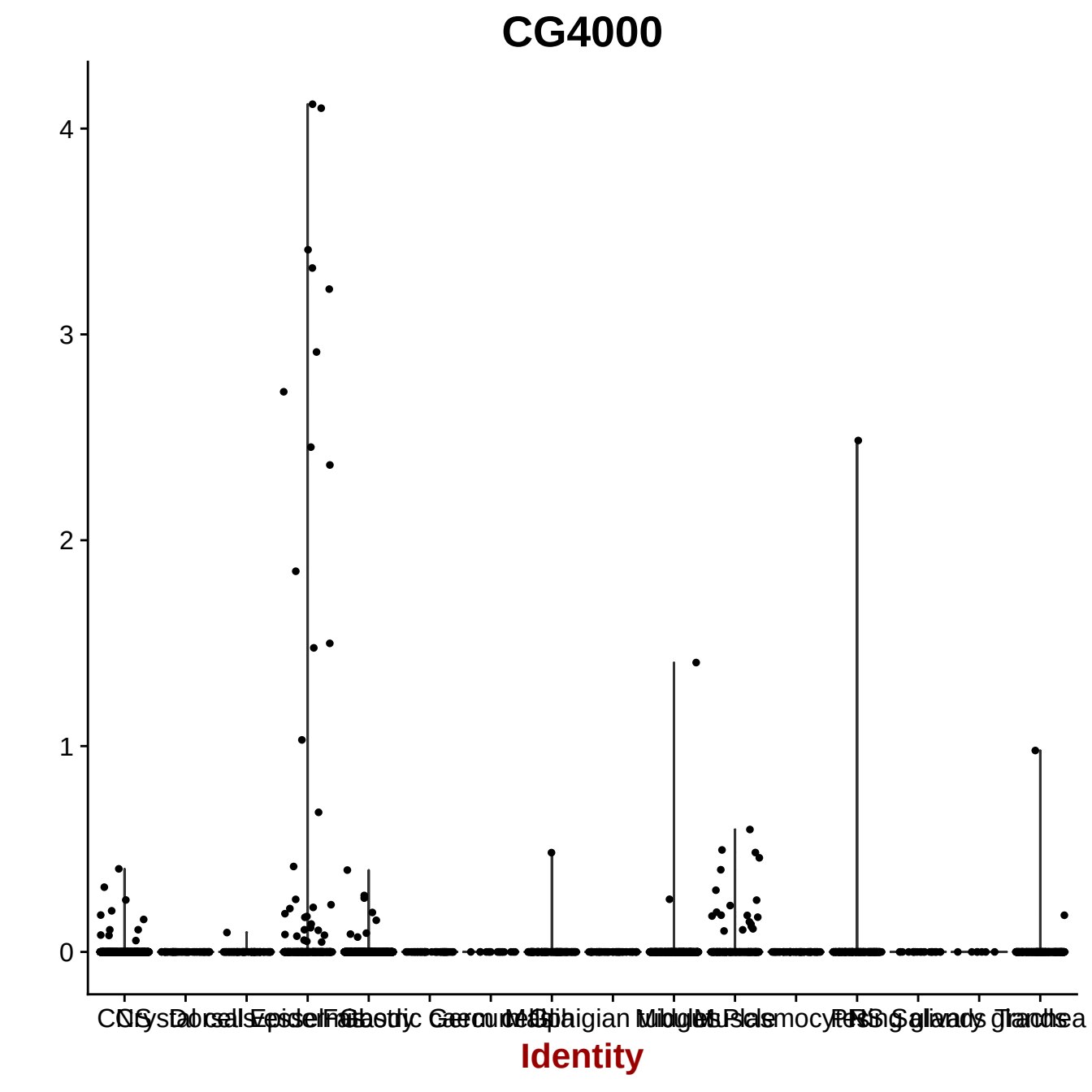

CG18493
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity

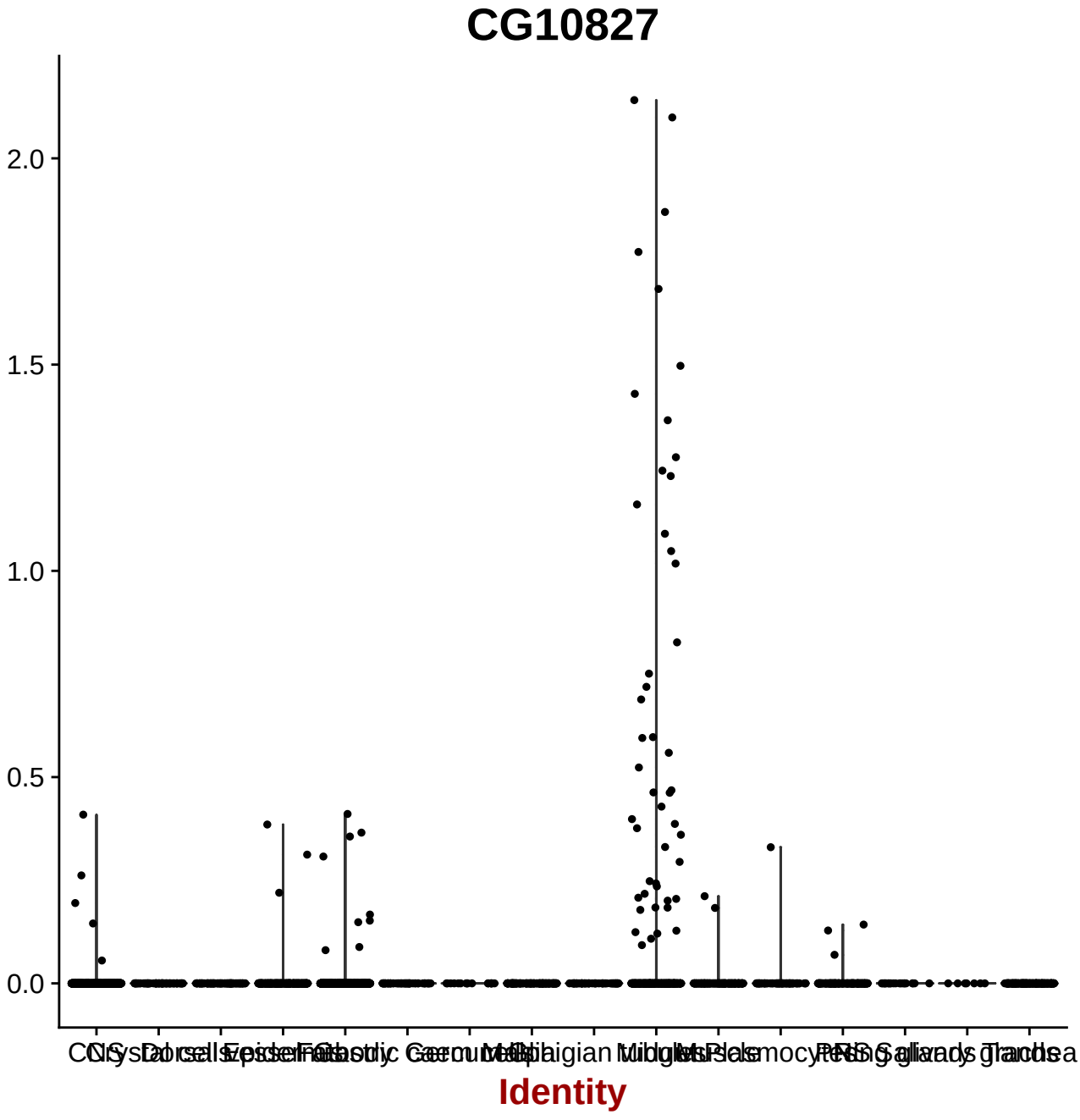

CG6184
1.5
1.0
0.5
0.0
Identity


MFS9
2
1
0
CNS
Dorsal root ganglion
Epidermis
Esophagus
Gastric
Caecum
Colon
Bladder
Kidney
Liver
Lung
Lymphocytes
Mammary gland
Muscle
PBS
Salivary gland
Trachea
Identity


Nep4
2
1
0
CNS
Dorsal root ganglion
Epidermis
Epithelial
Fibroblastic
Germ cells
Glia
Malpighian tubule
Muscle
Neuron
Plasmocytes
RBC
Salivary gland
Trachea
Identity


Cpr92F
4
2
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG4000
4
3
2
1
0
CNS
Dorsal Epidermis
Ventral Epidermis
Elastic Caecum
Malpighian tubule
Midgut
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG10827
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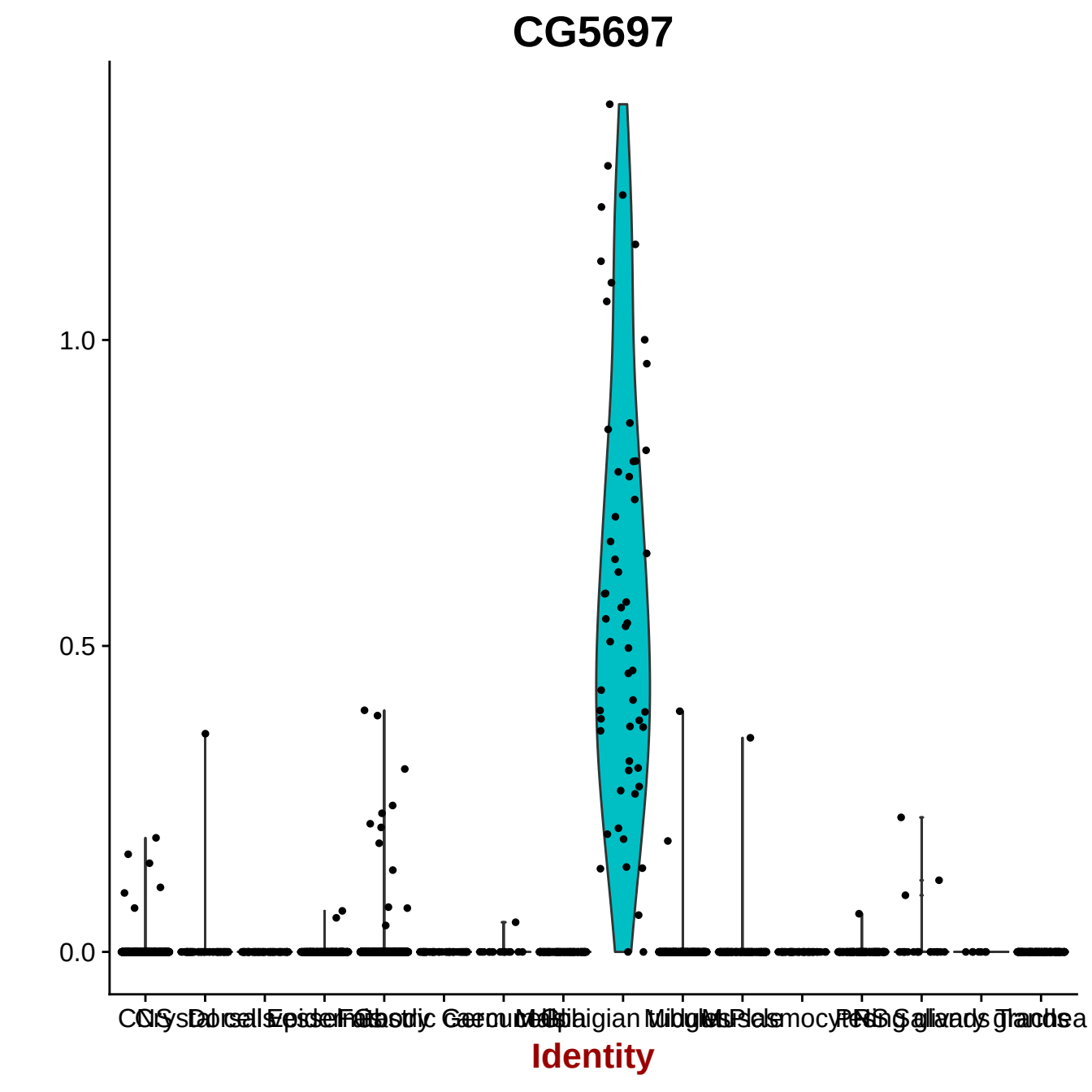
1.5
1.0
0.5
0.0
Identity


CG5697
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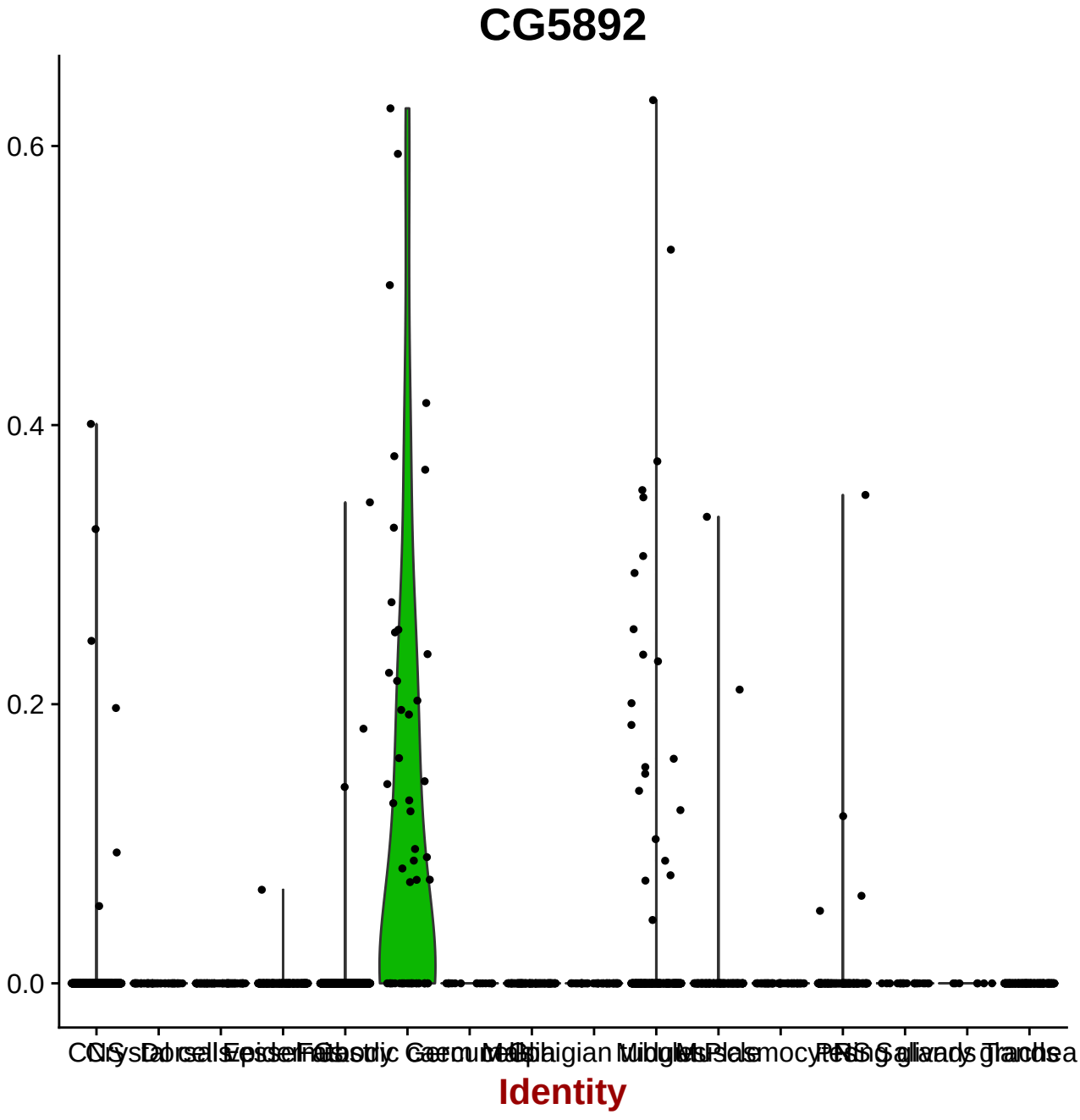
0.5
0.0
Identity


CG5892
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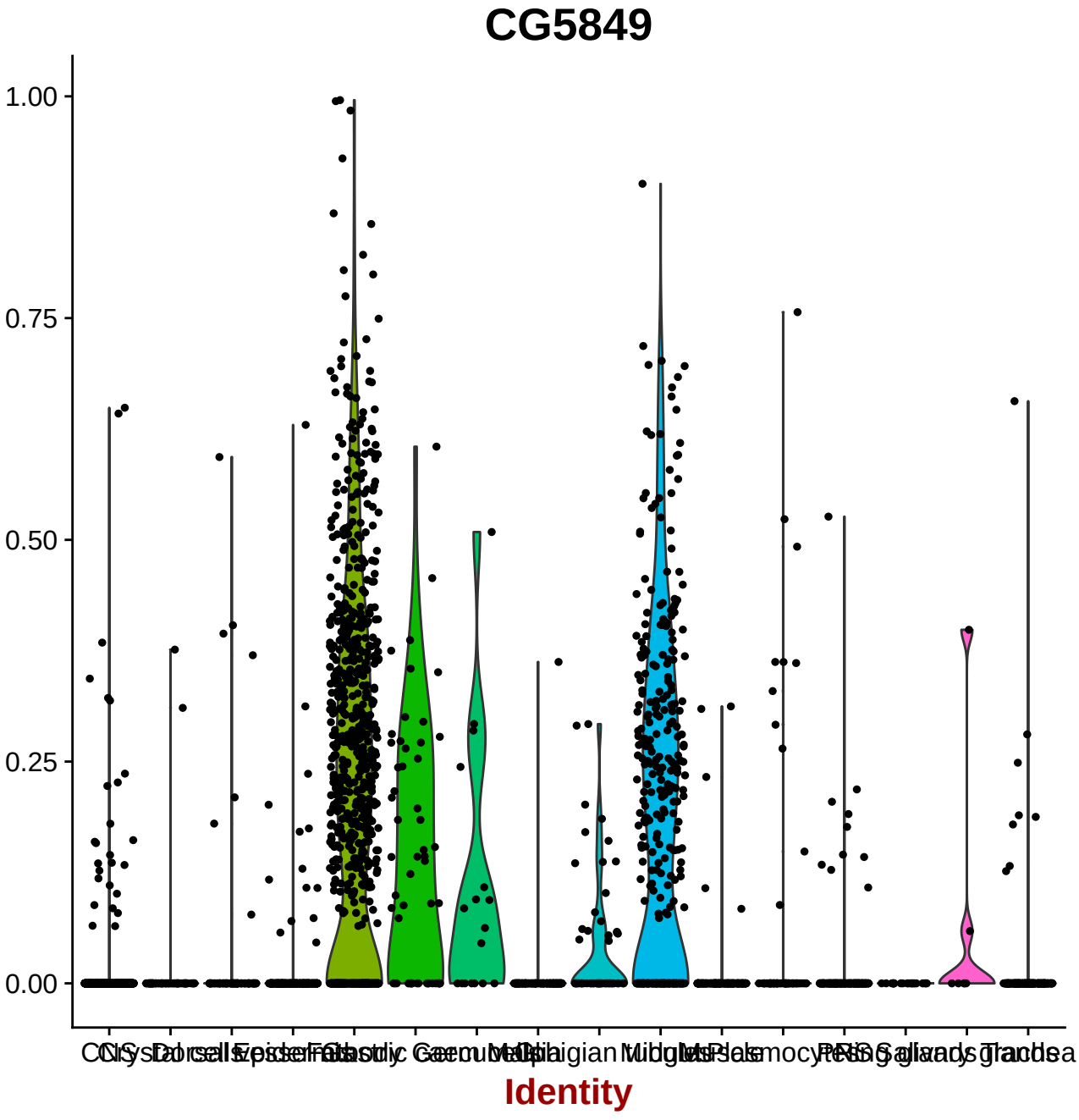
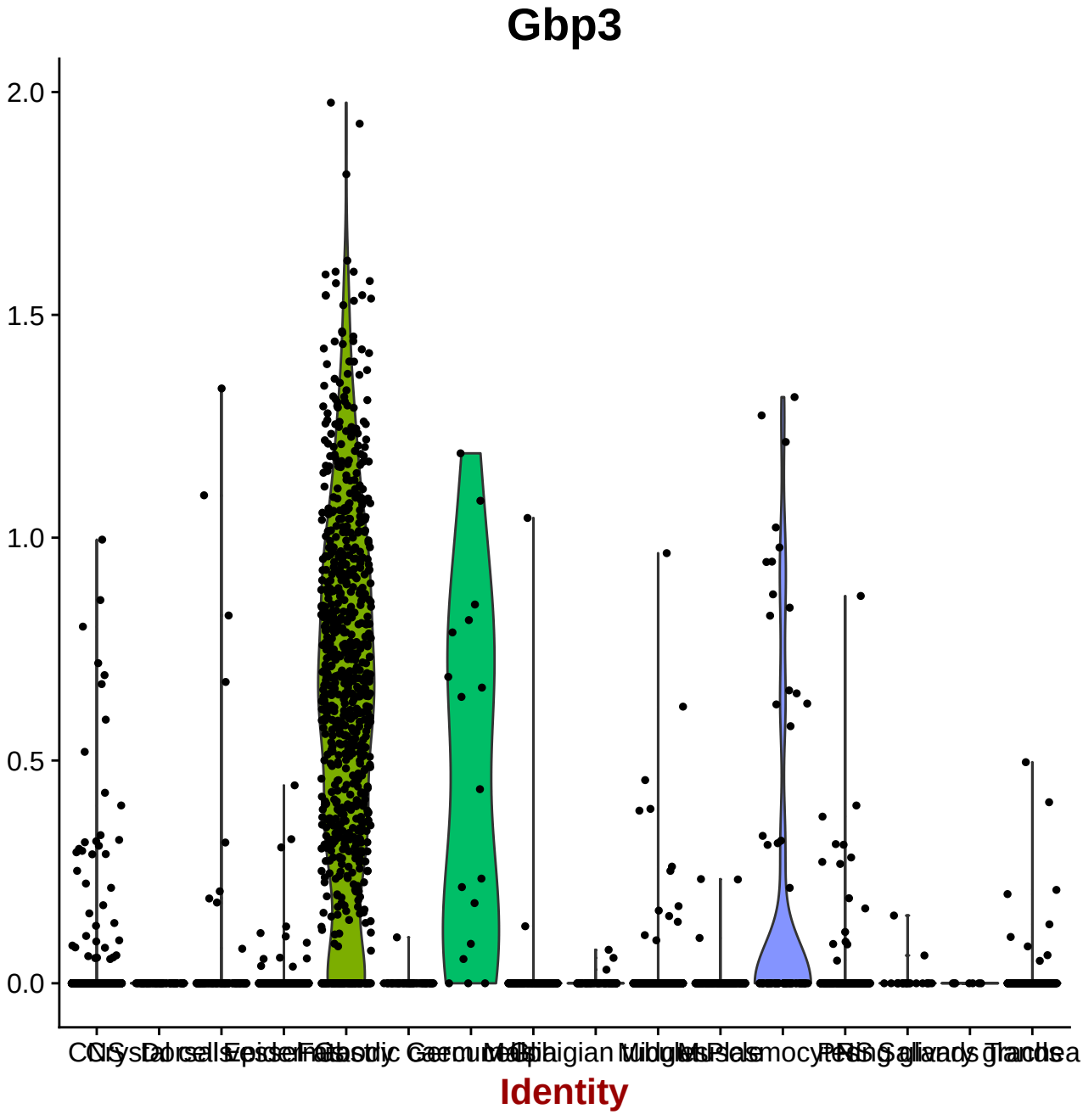
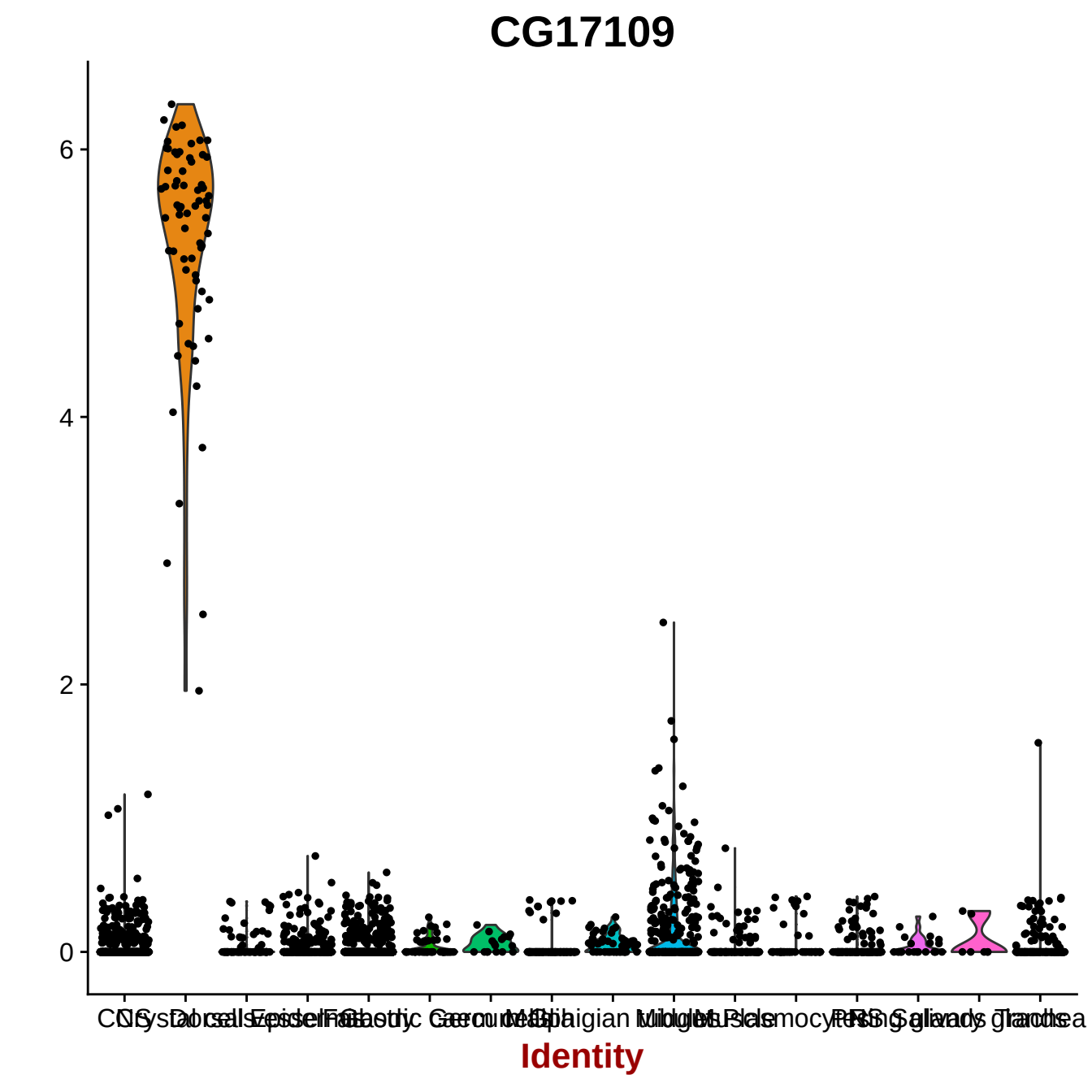
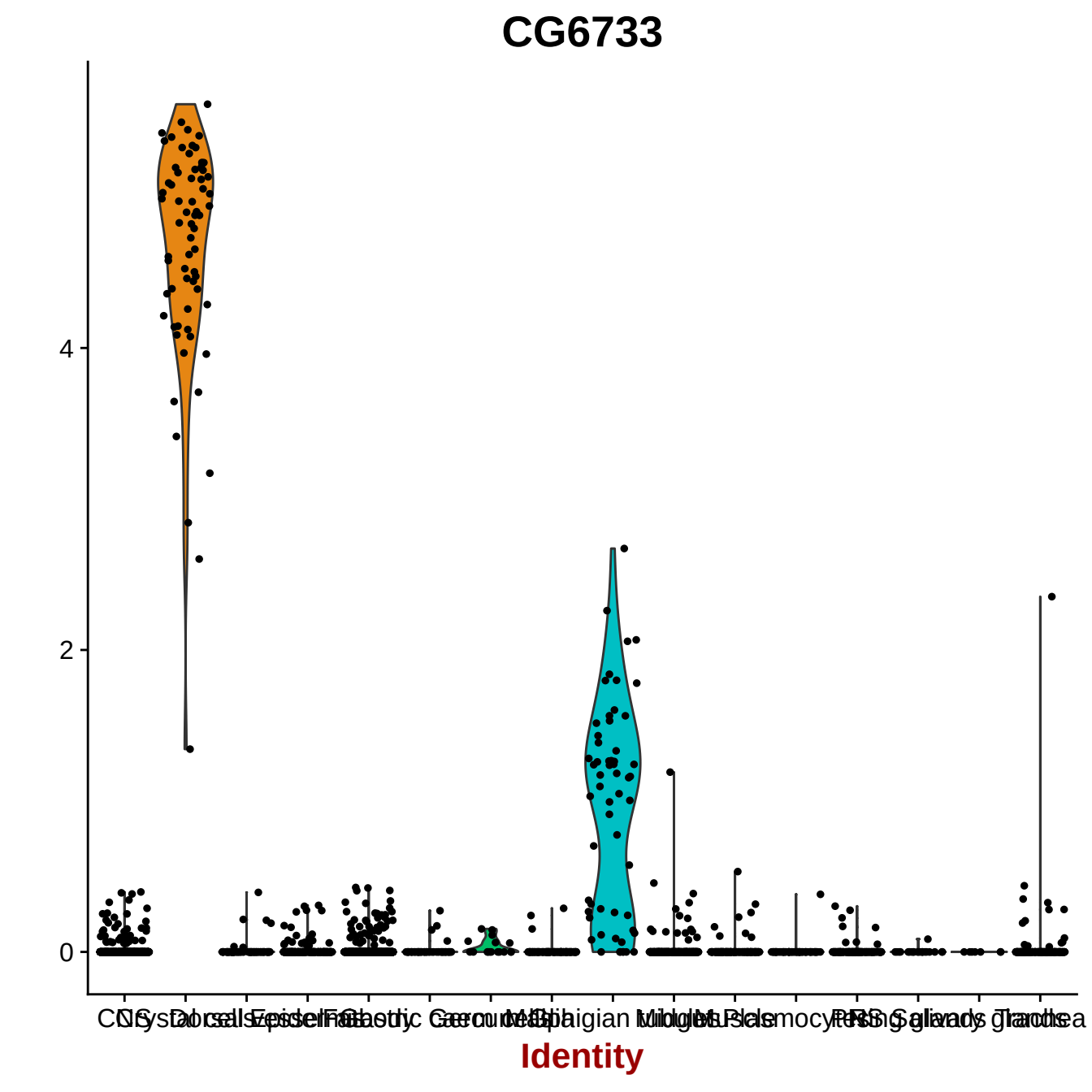
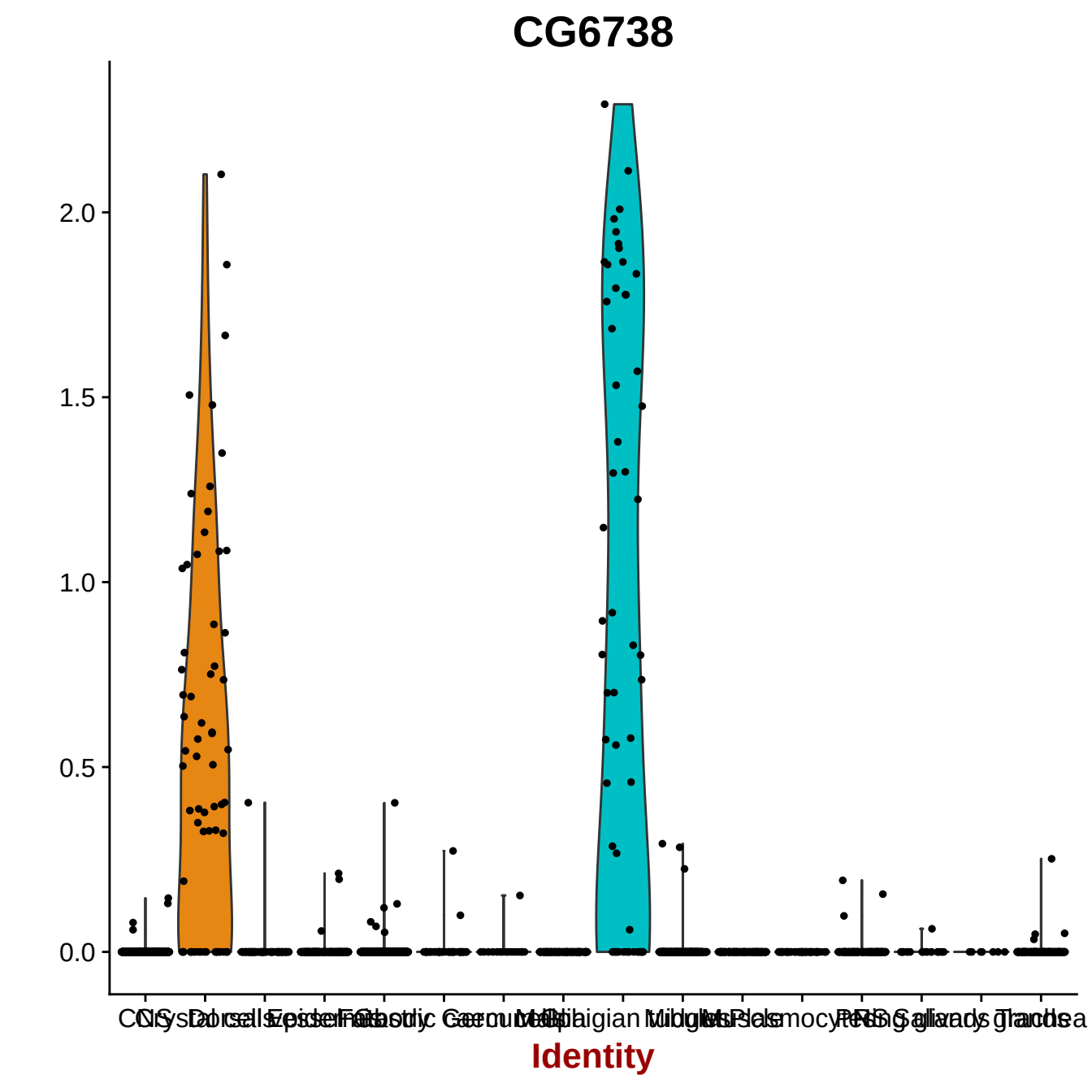
0.4
0.2
0.0
Identity


CG5849
1.00
0.75
0.50
0.25
0.00
CNS
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PER
Salivary gland
Trachea
Identity


Gbp3
2.0
1.5
1.0
0.5
0.0
Identity


CG17109
6
4
2
0
CNS
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG6733
4
2
0
CNS
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity


CG6738
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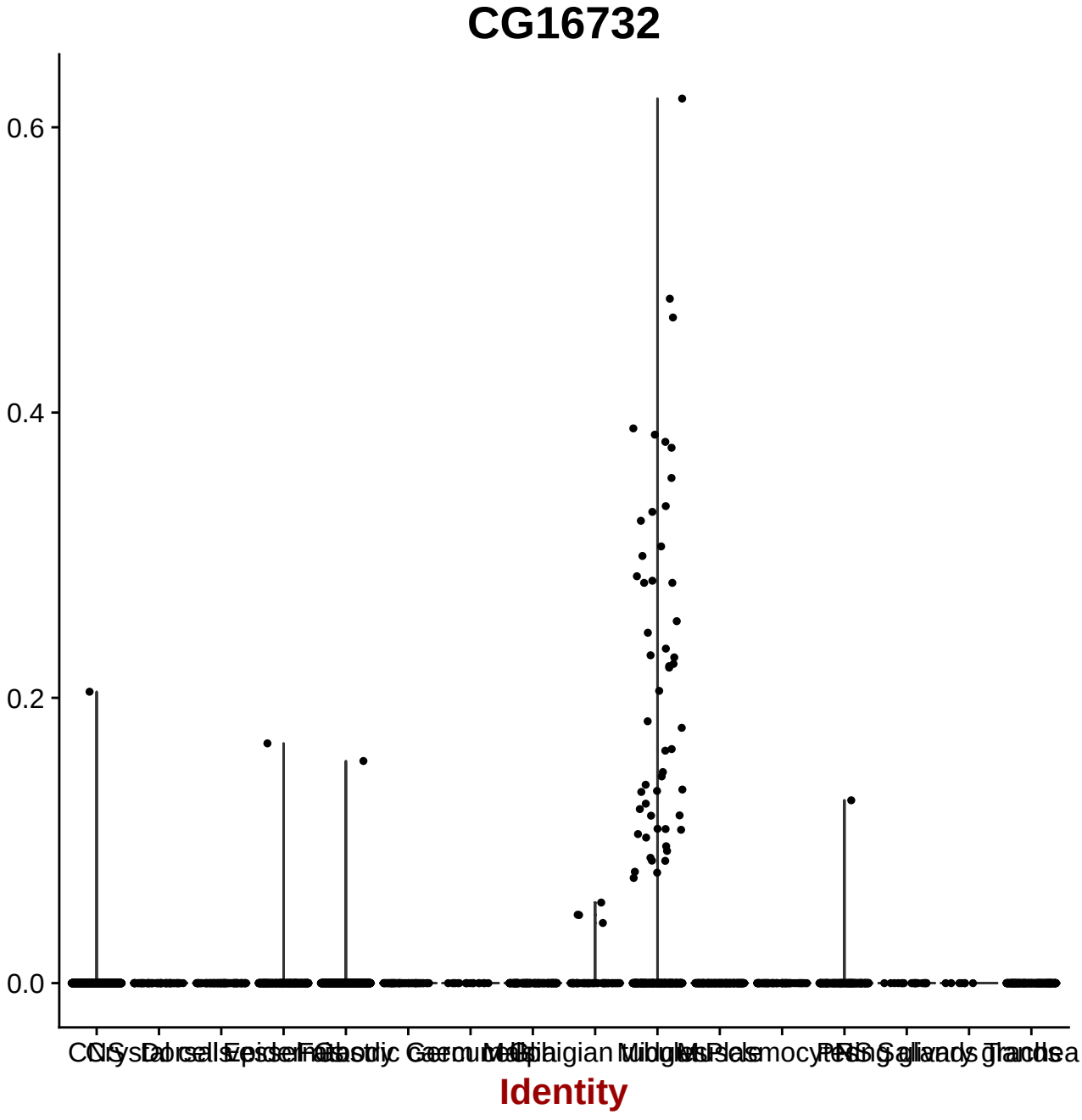
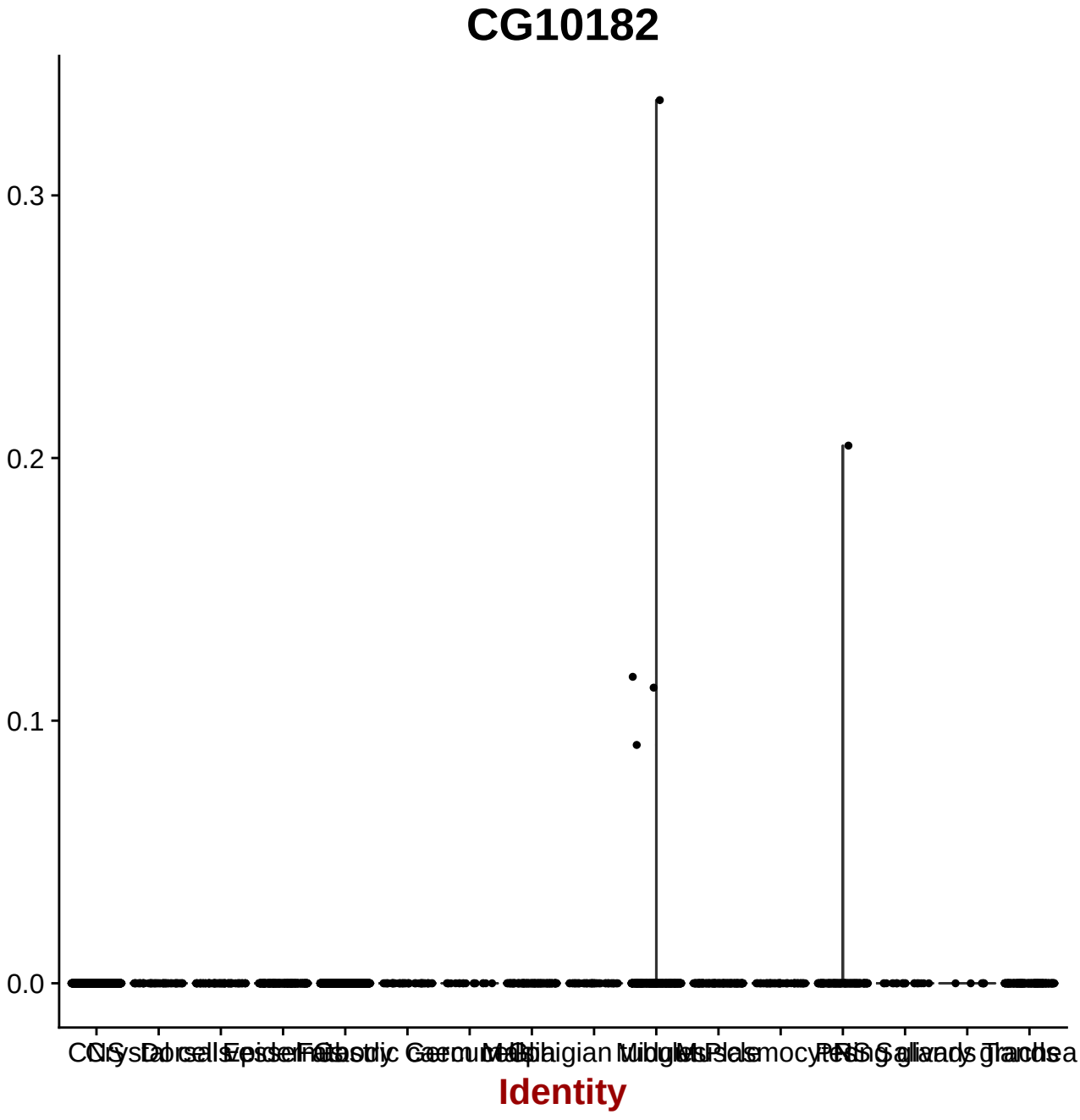
1.5
1.0
0.5
0.0
Identity


CG16732
0.6
0.4
0.2
0.0
Identity


CG10182
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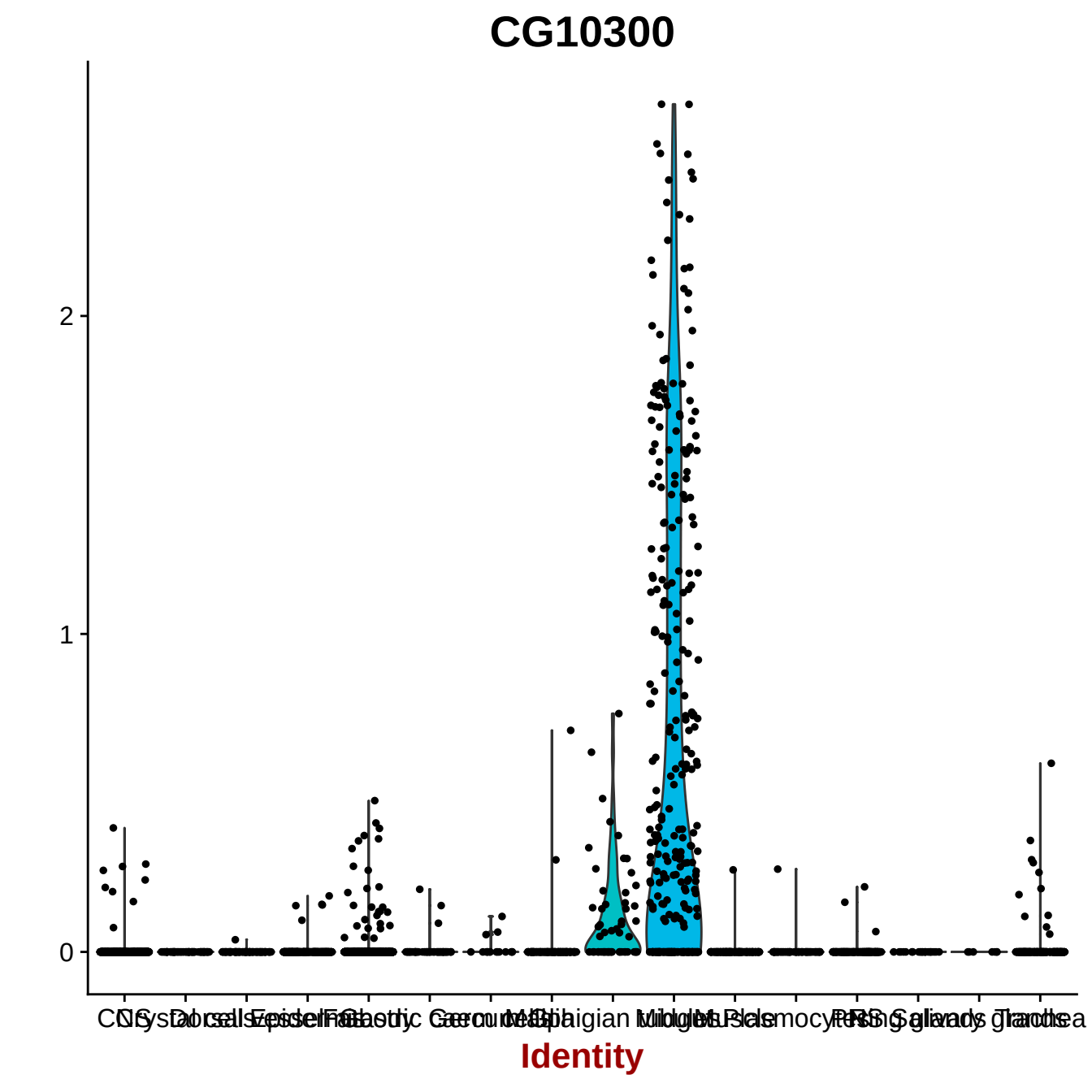
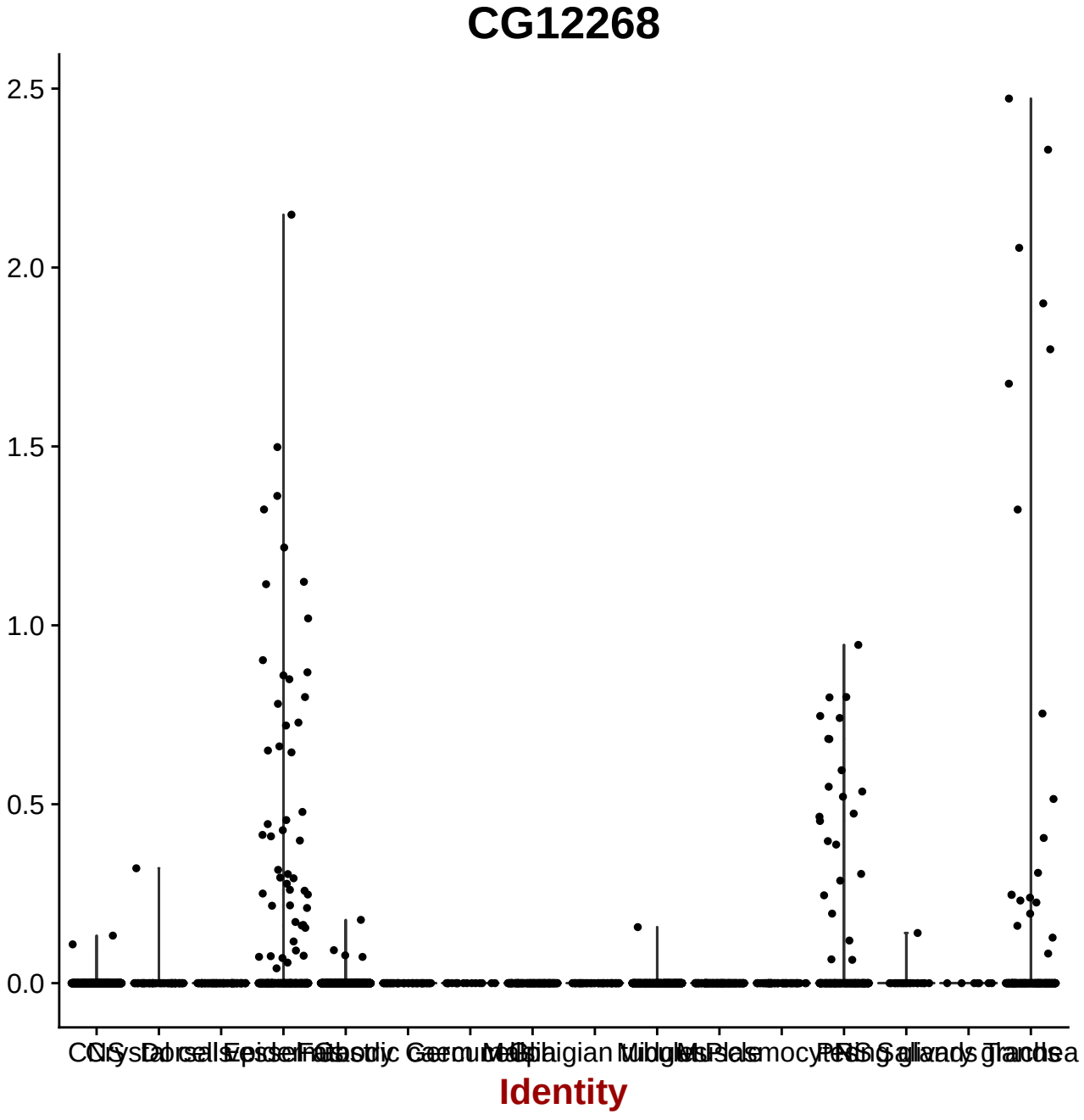
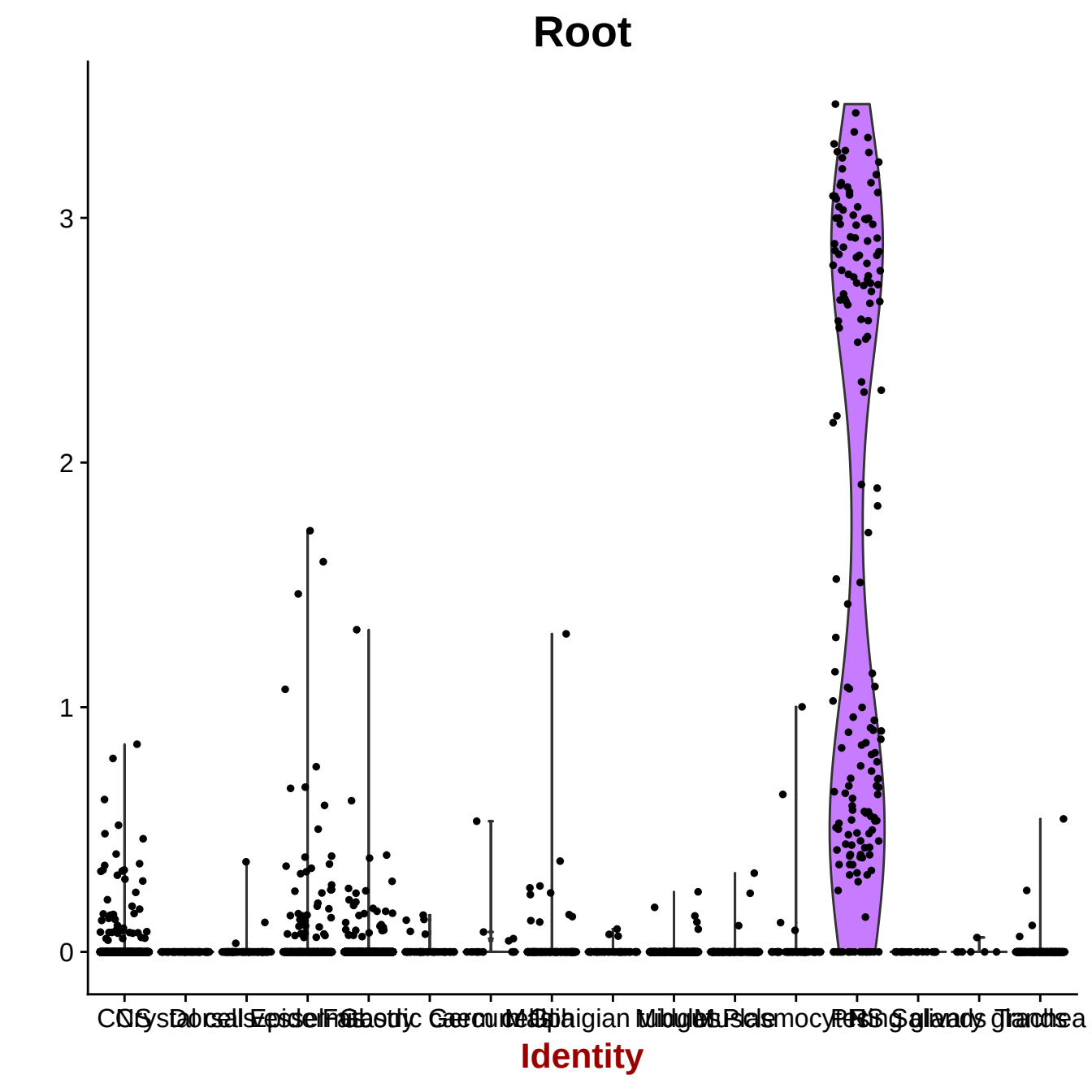
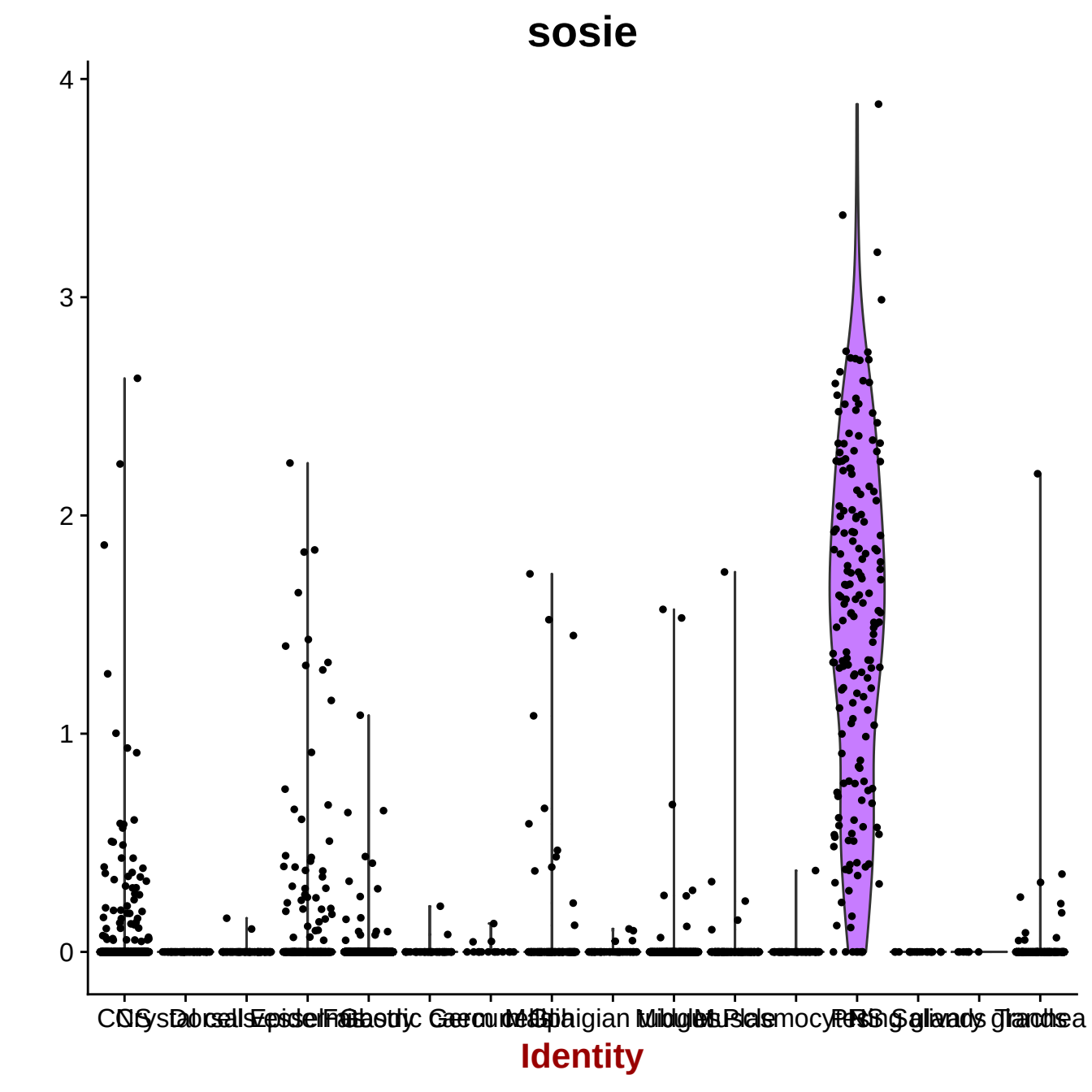
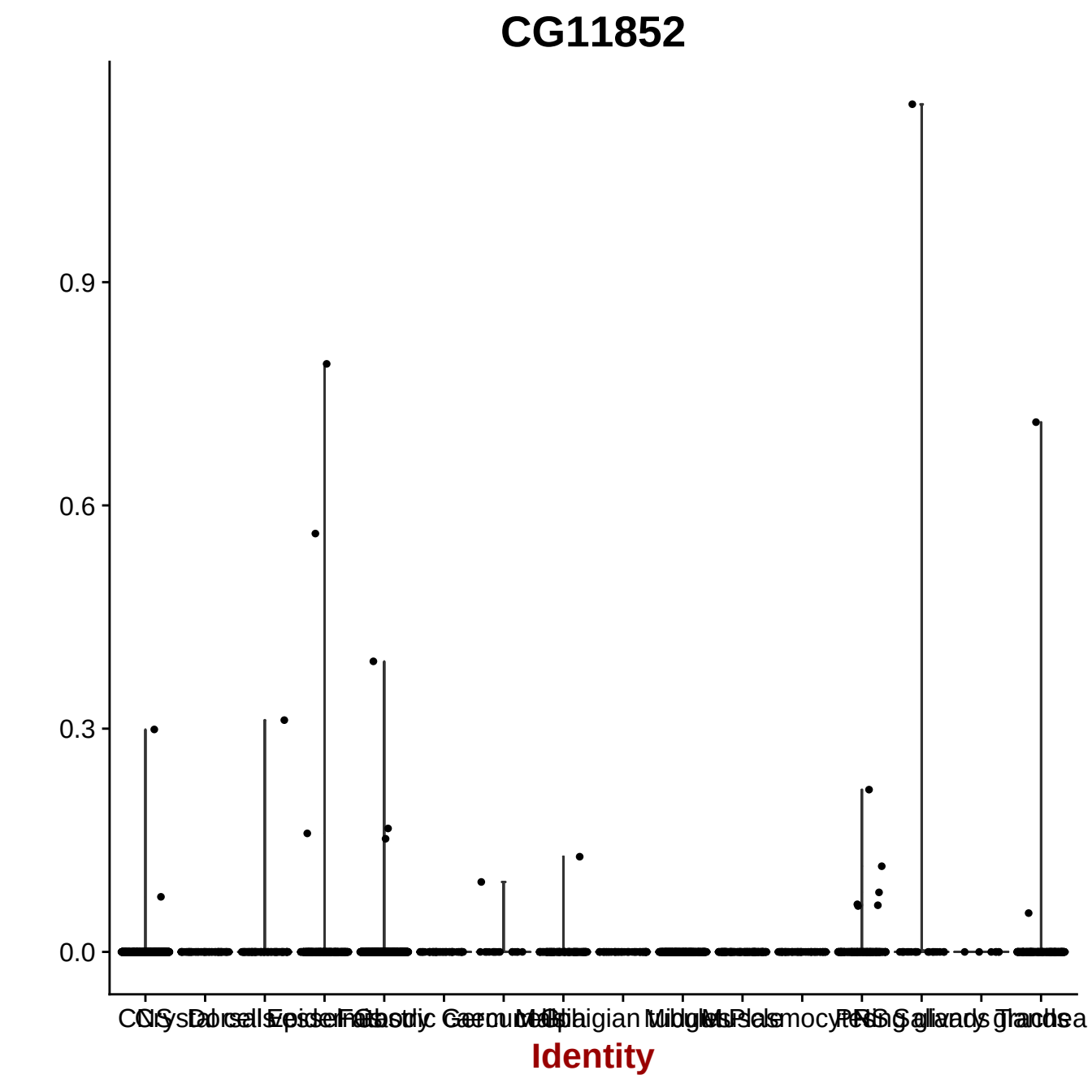
0.2
0.1
0.0
Identity

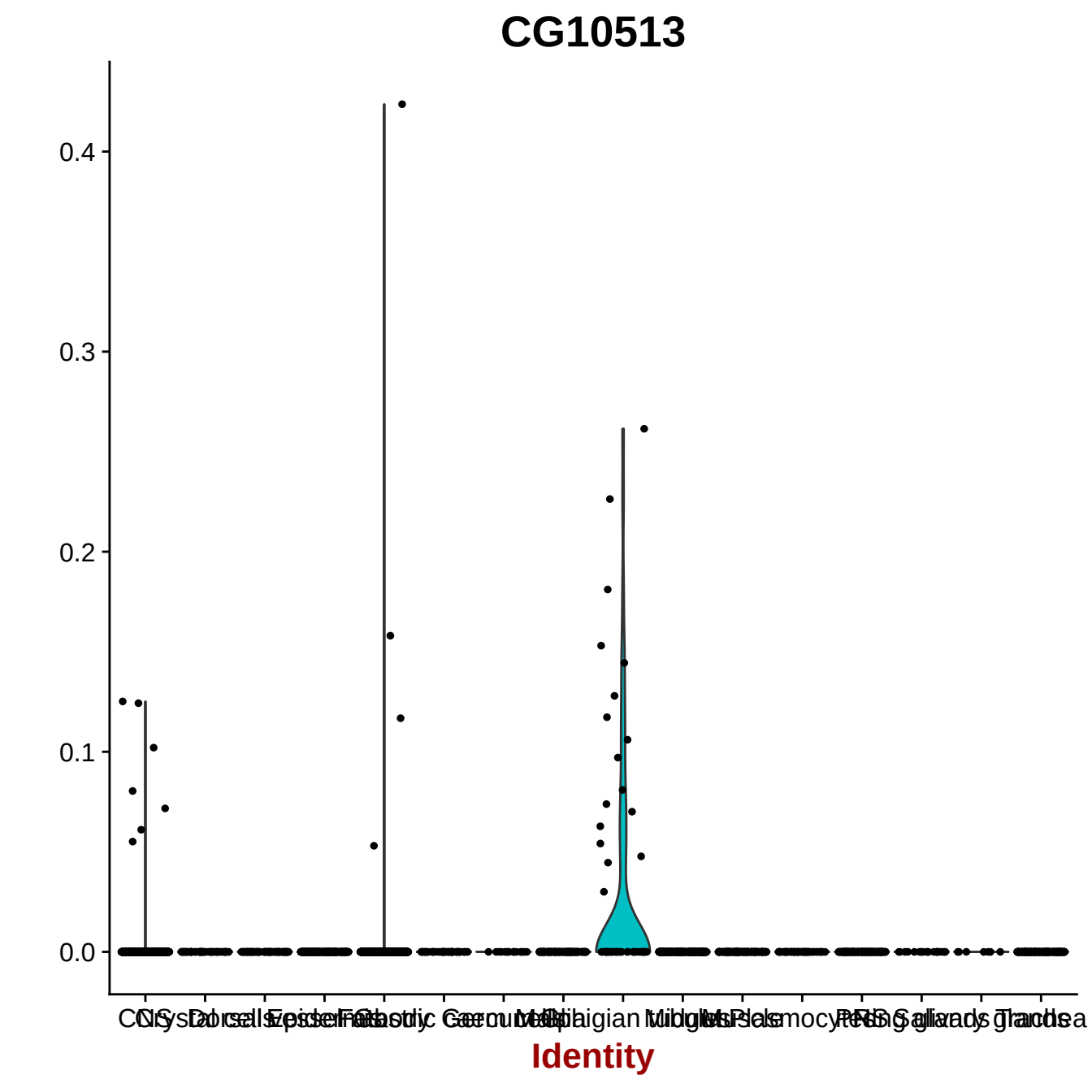

CG10300
2
1
0
CNS
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG12268
2.5
2.0
1.5
1.0
0.5
0.0
Identity


Root
3
2
1
0
CNS
Dorsal root ganglion
Epidermis
Epithelial
Fibroblastic
Germ cell
Hepatocyte
Kidney
Lymphocyte
Mononuclear phagocyte
Muscle
Neuron
PBS
Salivary gland
Trachea
Identity


sosie
4
3
2
1
0
CNS
Dorsal root ganglion
Epidermis
Esophagus
Gastric
Gastrocnemius
Gonad
Heart
Kidney
Liver
Lung
Mammary gland
Muscle
Pancreas
Prostate
Skin
Spleen
Stomach
Testis
Trachea
Identity


CG11852
0.9
0.6
0.3
0.0
Identity


CG10513
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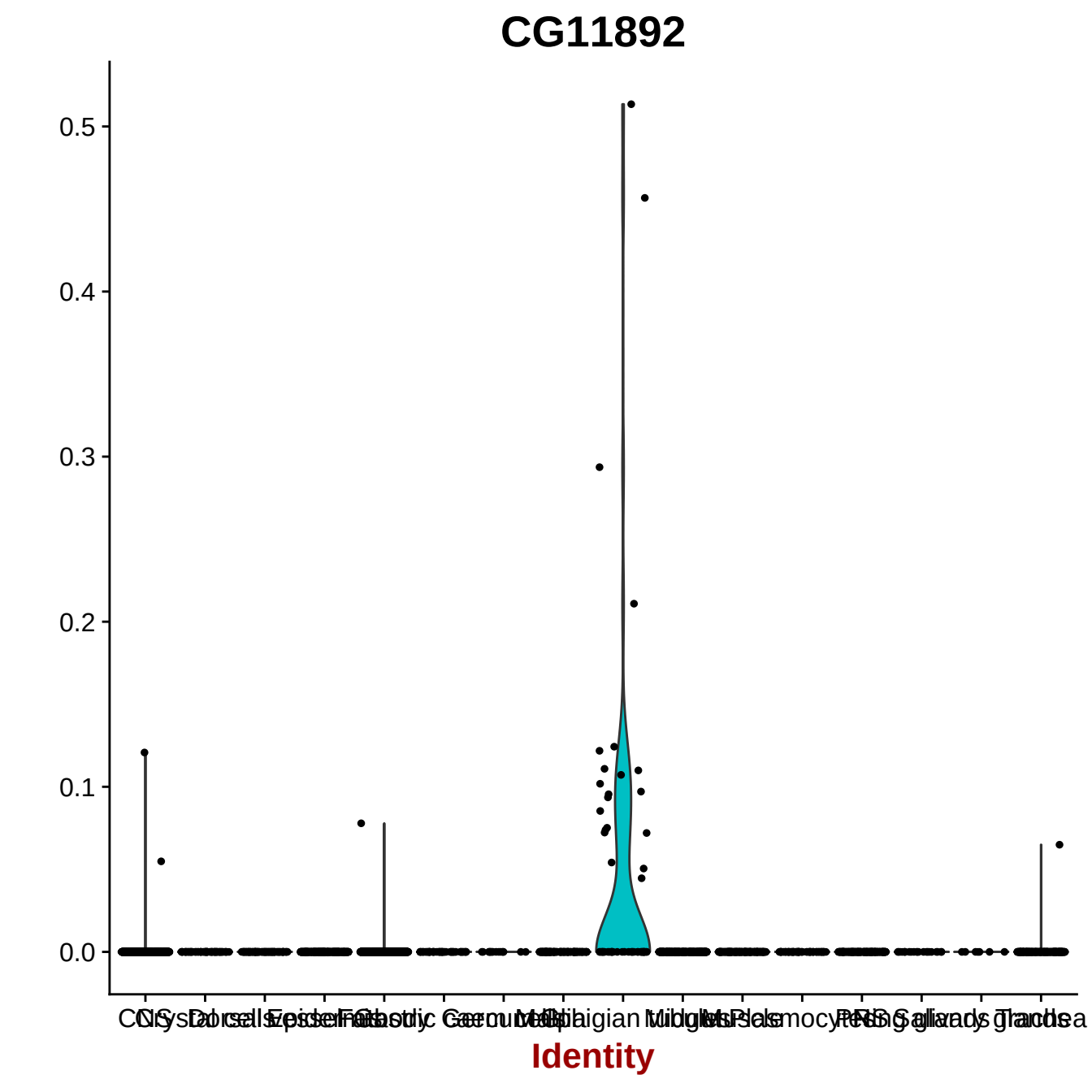
0.3
0.2
0.1
0.0
Identity


CG11892
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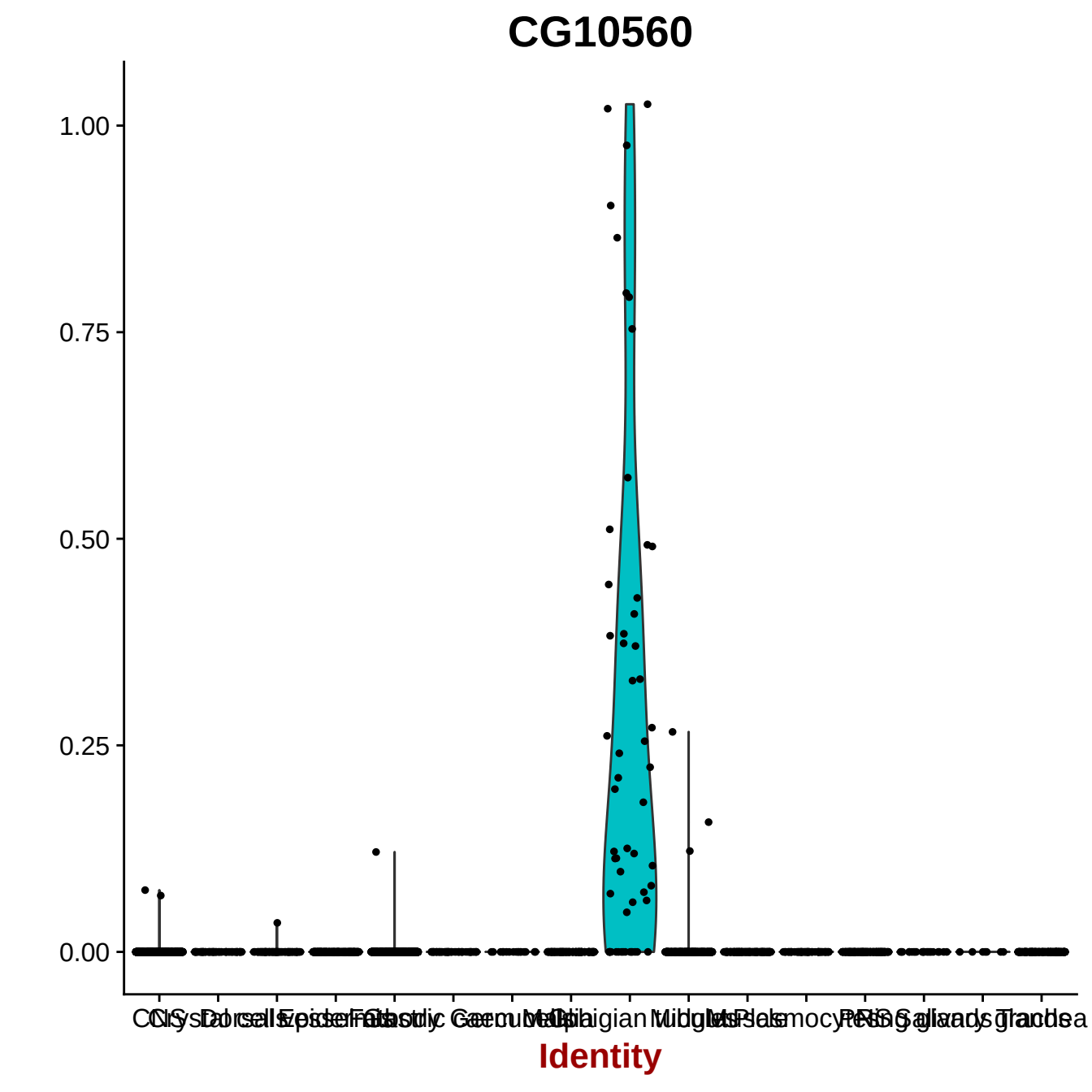
0.4
0.3
0.2
0.1
0.0
Identity


CG10560
1.00
0.75
0.50
0.25
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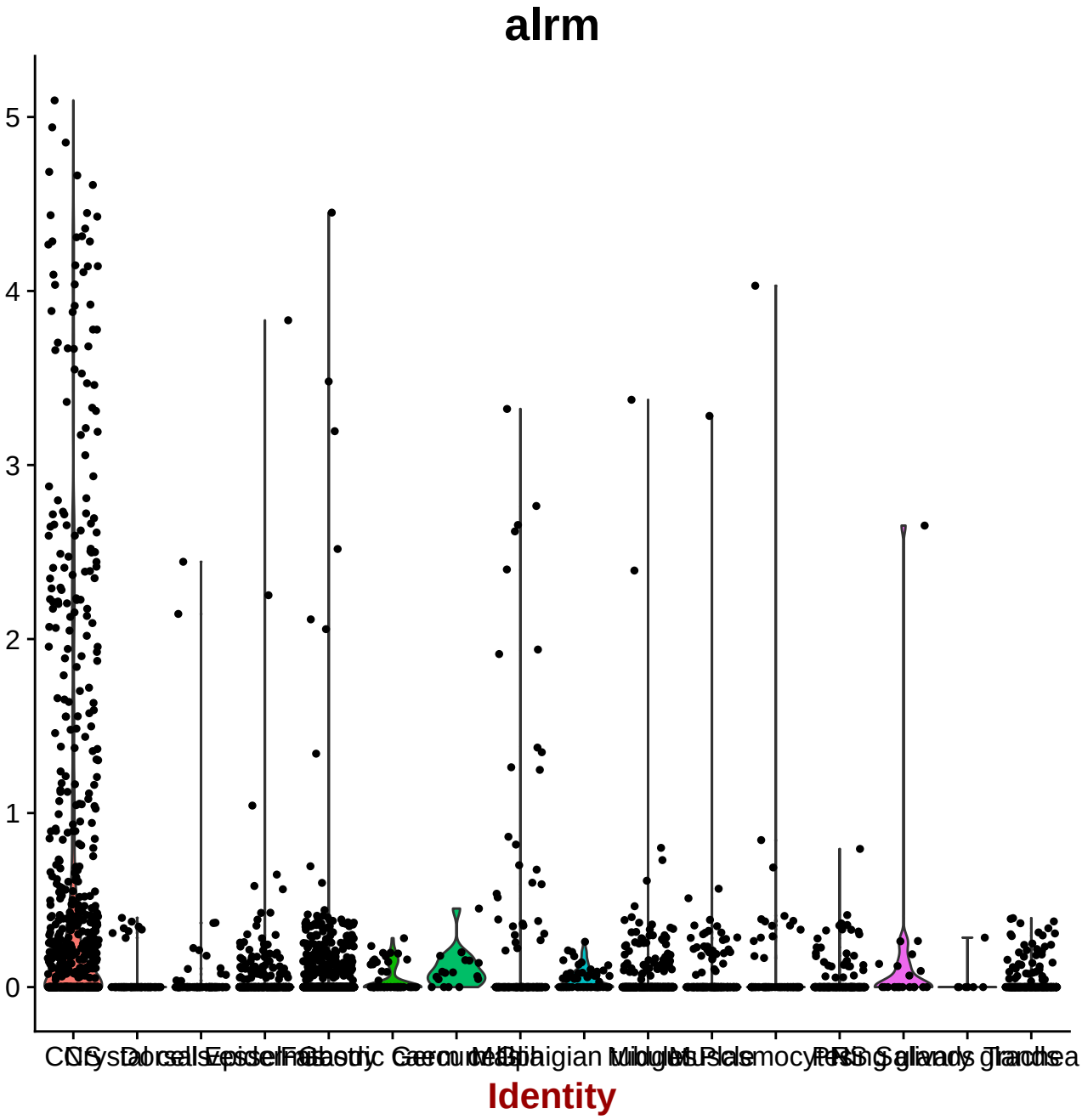
Identity


alrm
5
4
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2
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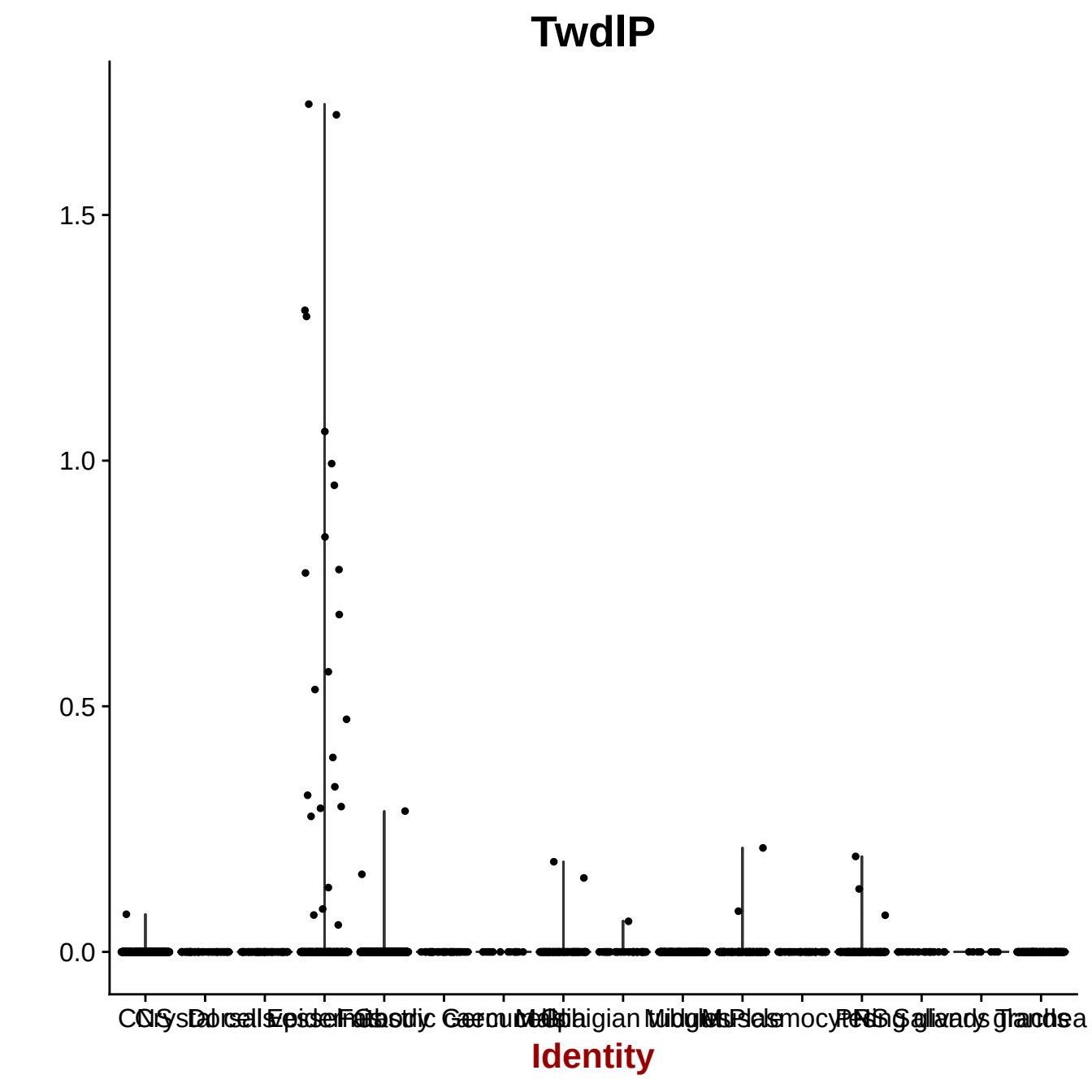
CNS
Dorsal root ganglion
Epidermis
Enteric
Carotid artery
Bladder
Pancreas
Lymph node
Spleen
Thymus
Trachea
Identity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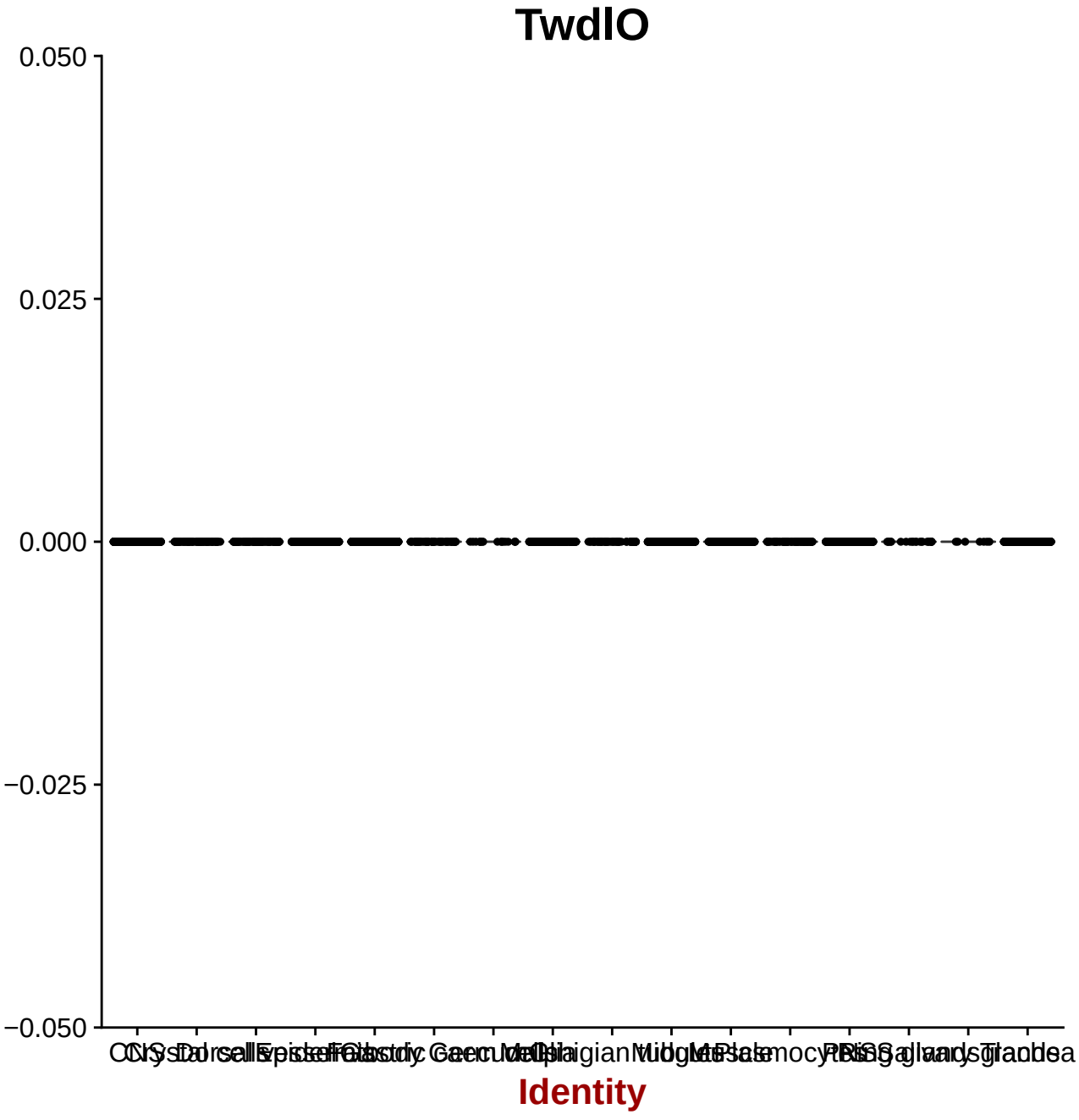
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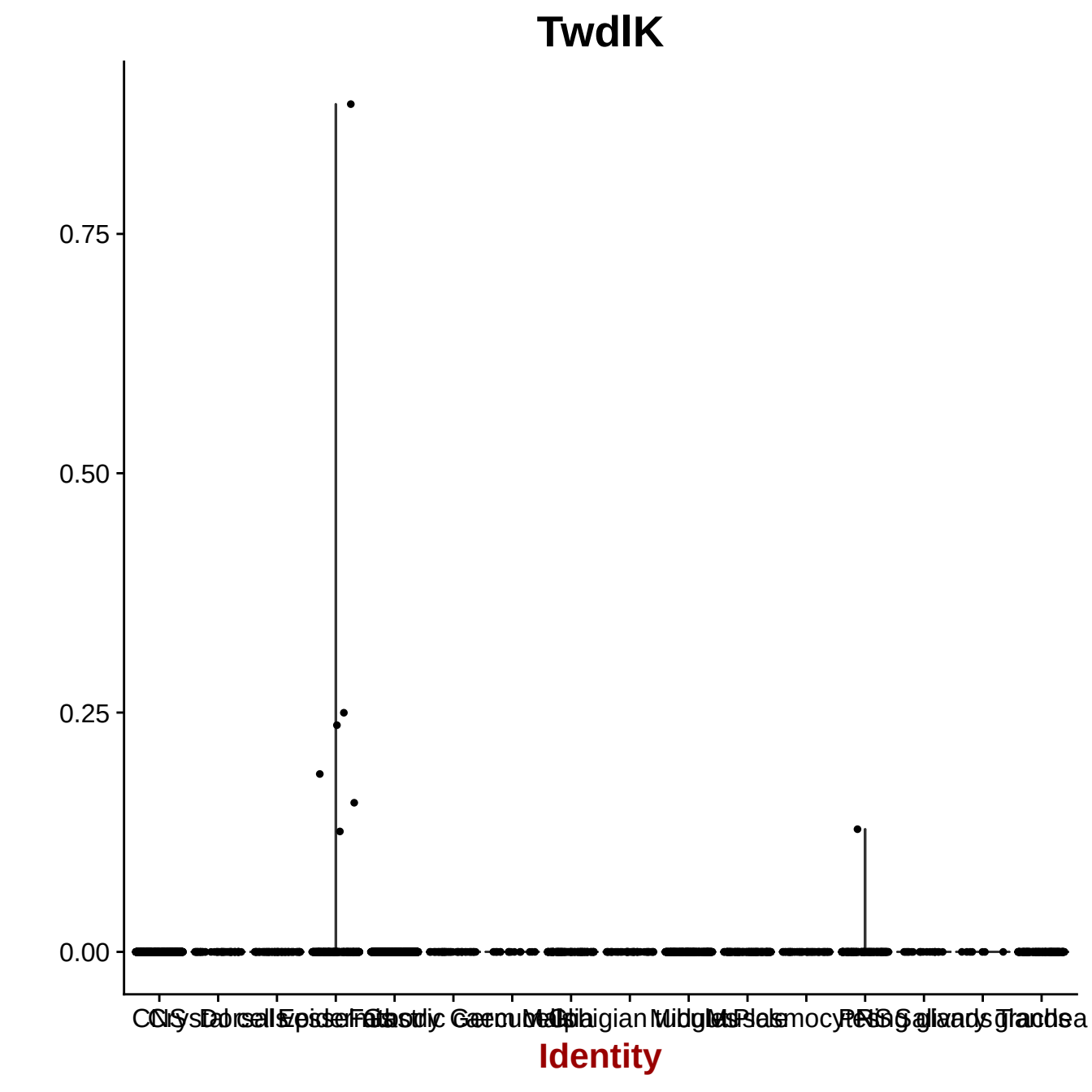
Identity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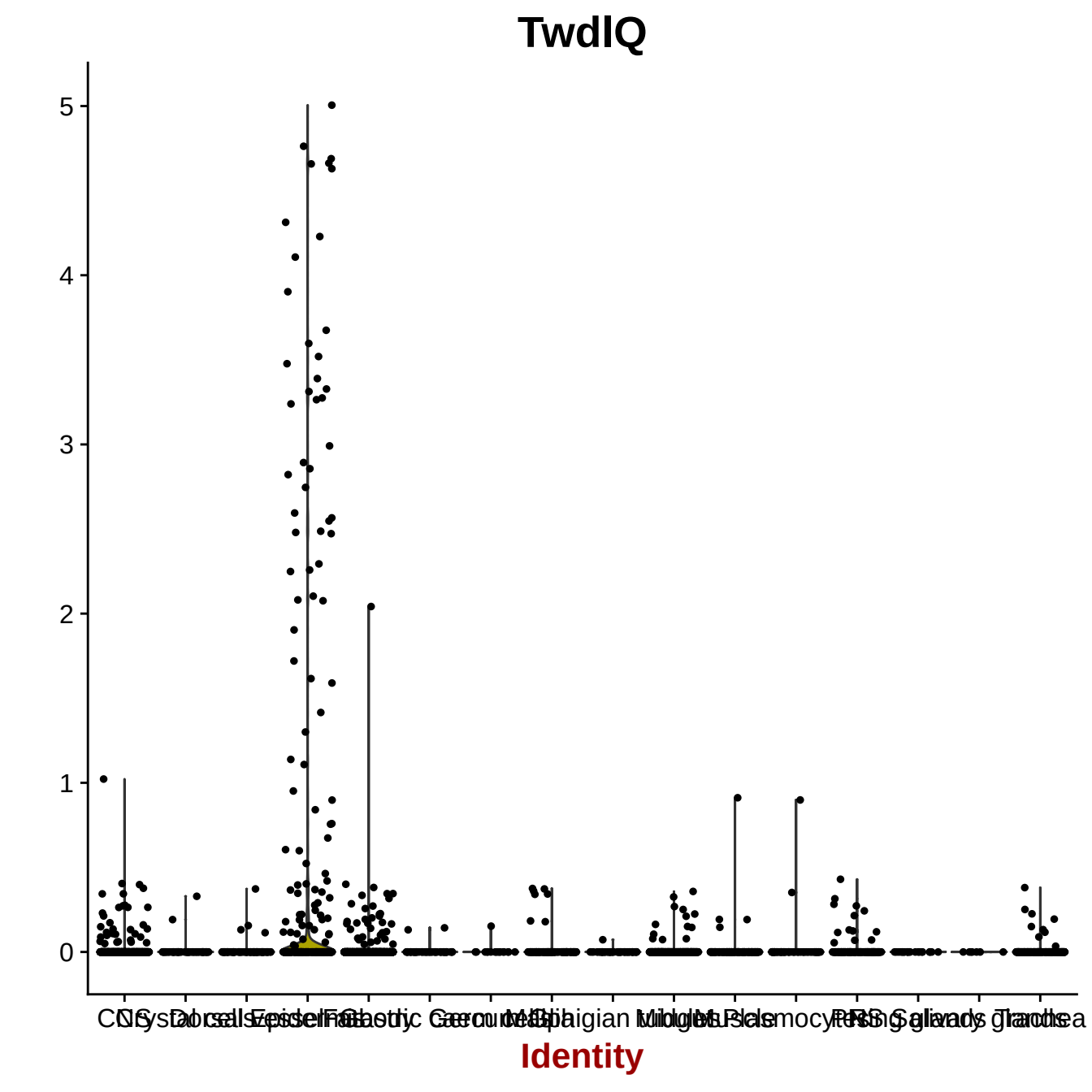
TwdlQ
5
4
3
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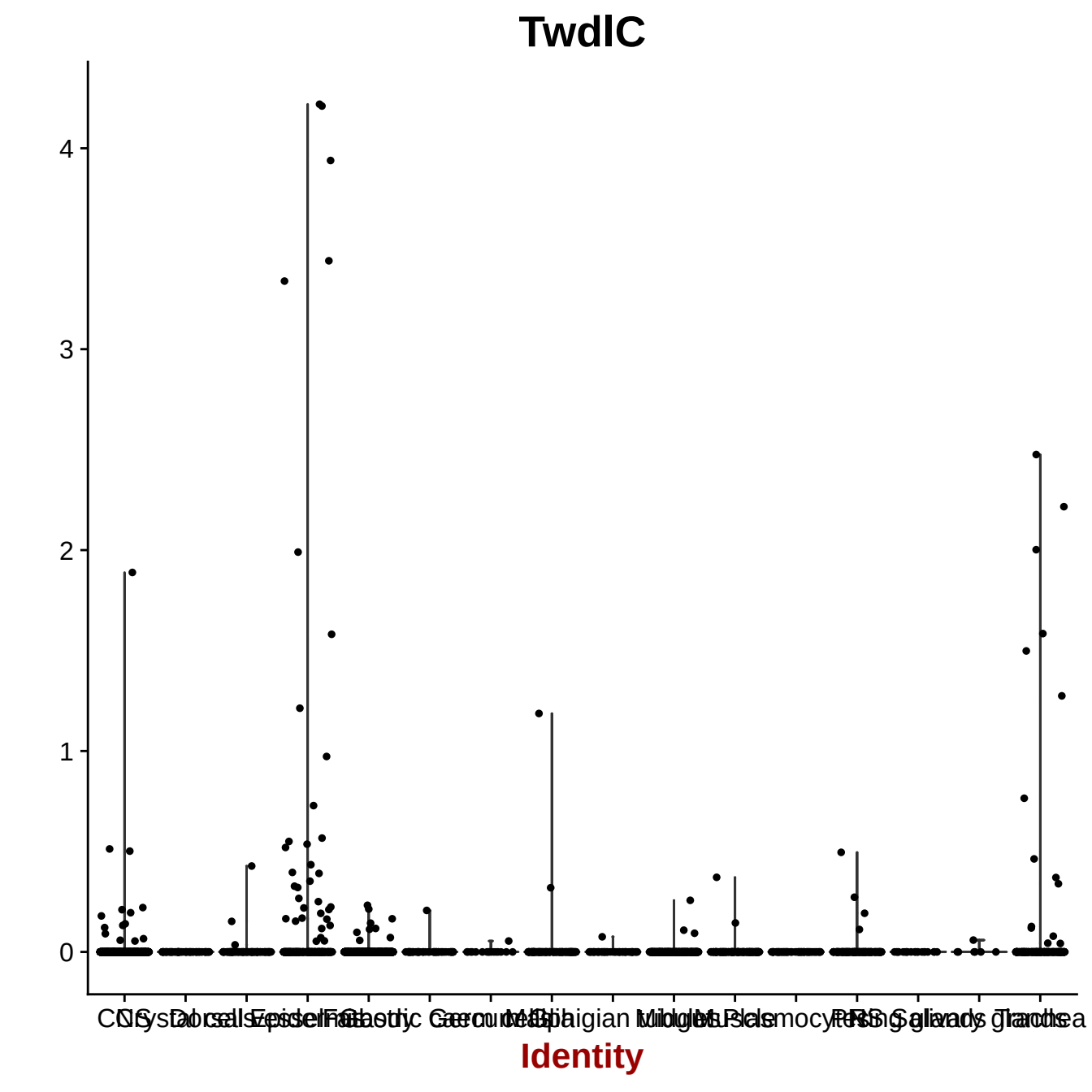
CNS
Dorsal Epidermis
Ventral Epidermis
Gastric Caecum
Gastric Caecum
Midbrain
Midbrain
Midgut
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity


TwdlC
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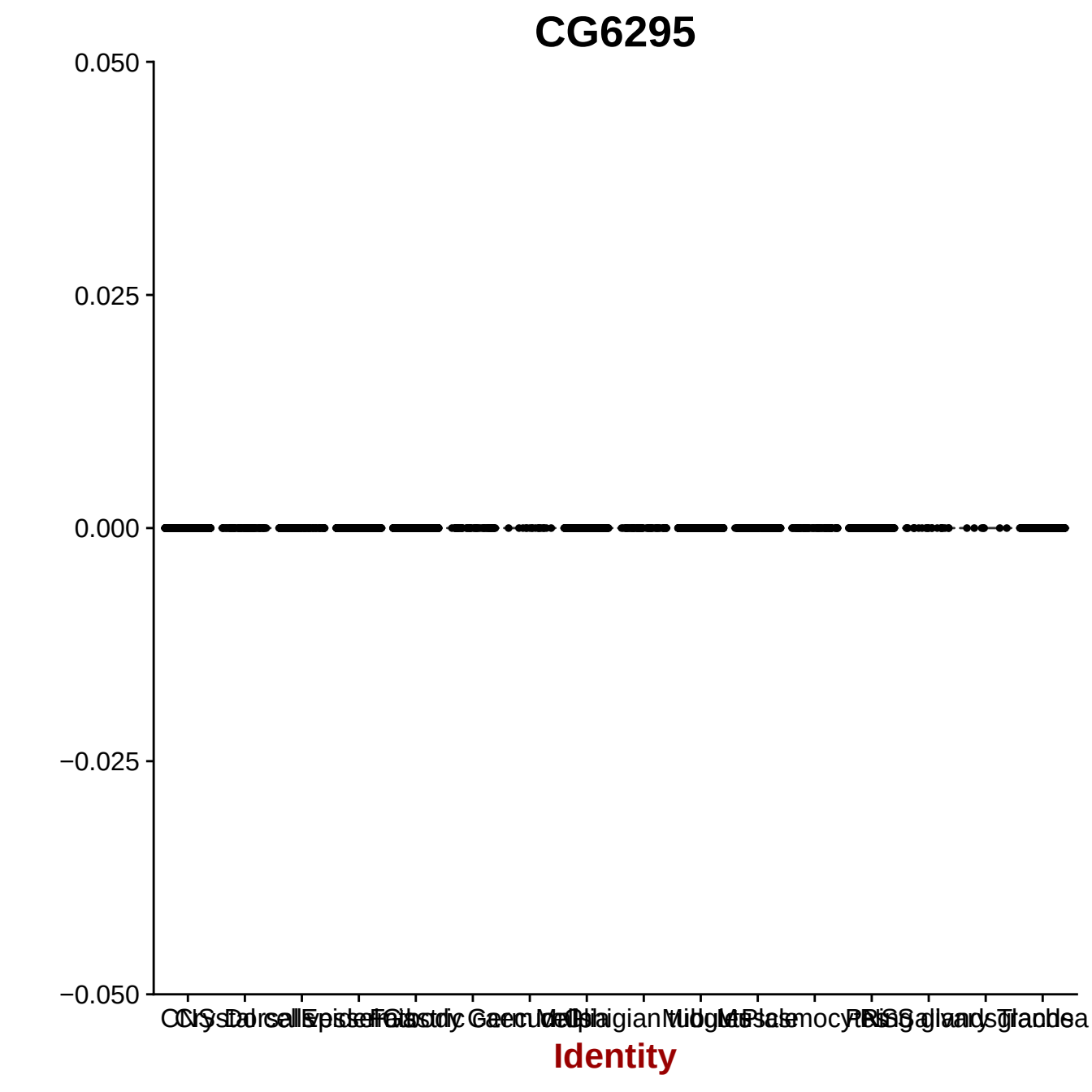
CNS
Dorsal Epidermis
Elastic Cartilage
Ciliated
Muscle
Lymphocyte
PRS
Salivary gland
Trachea
Identity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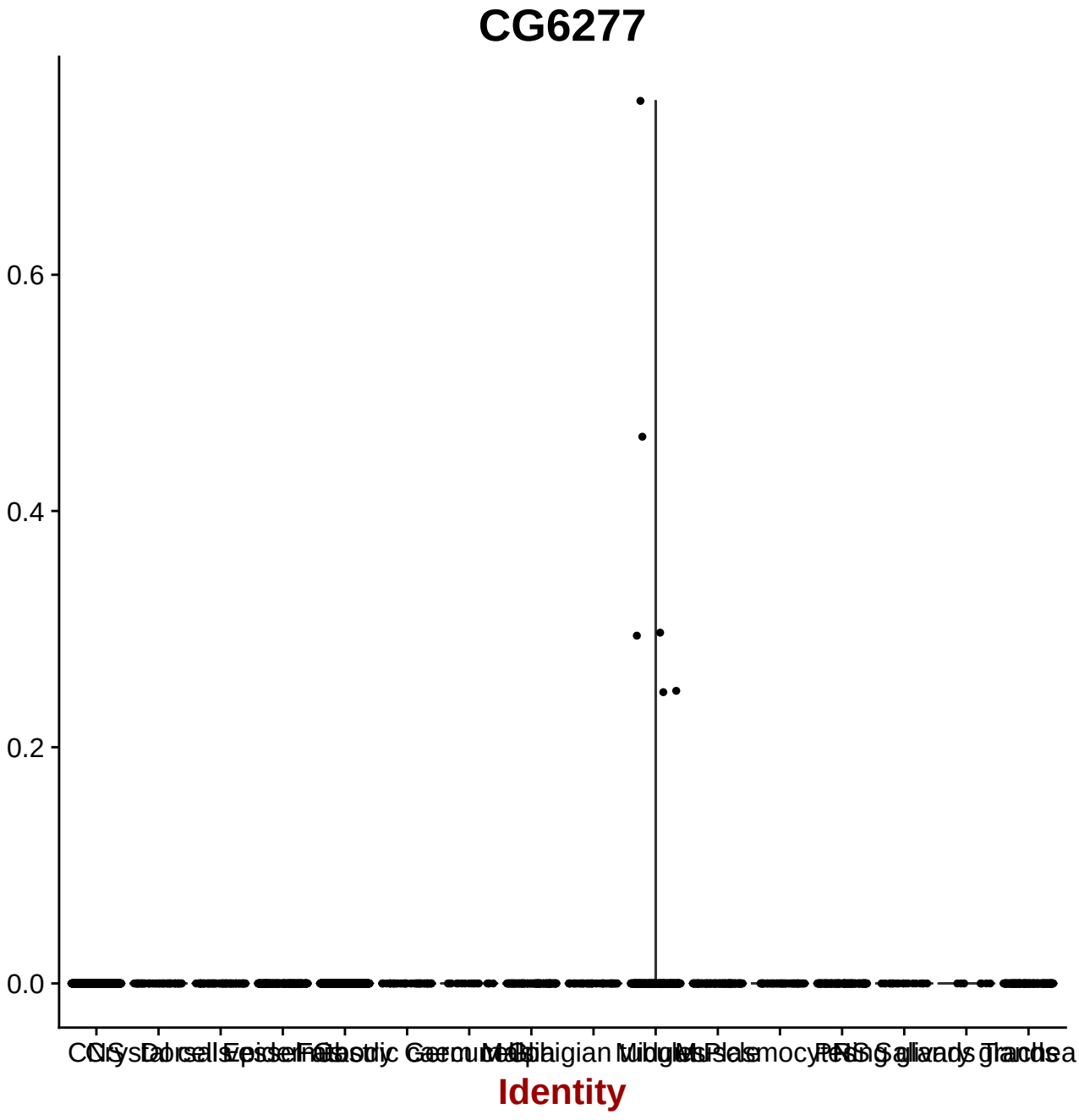
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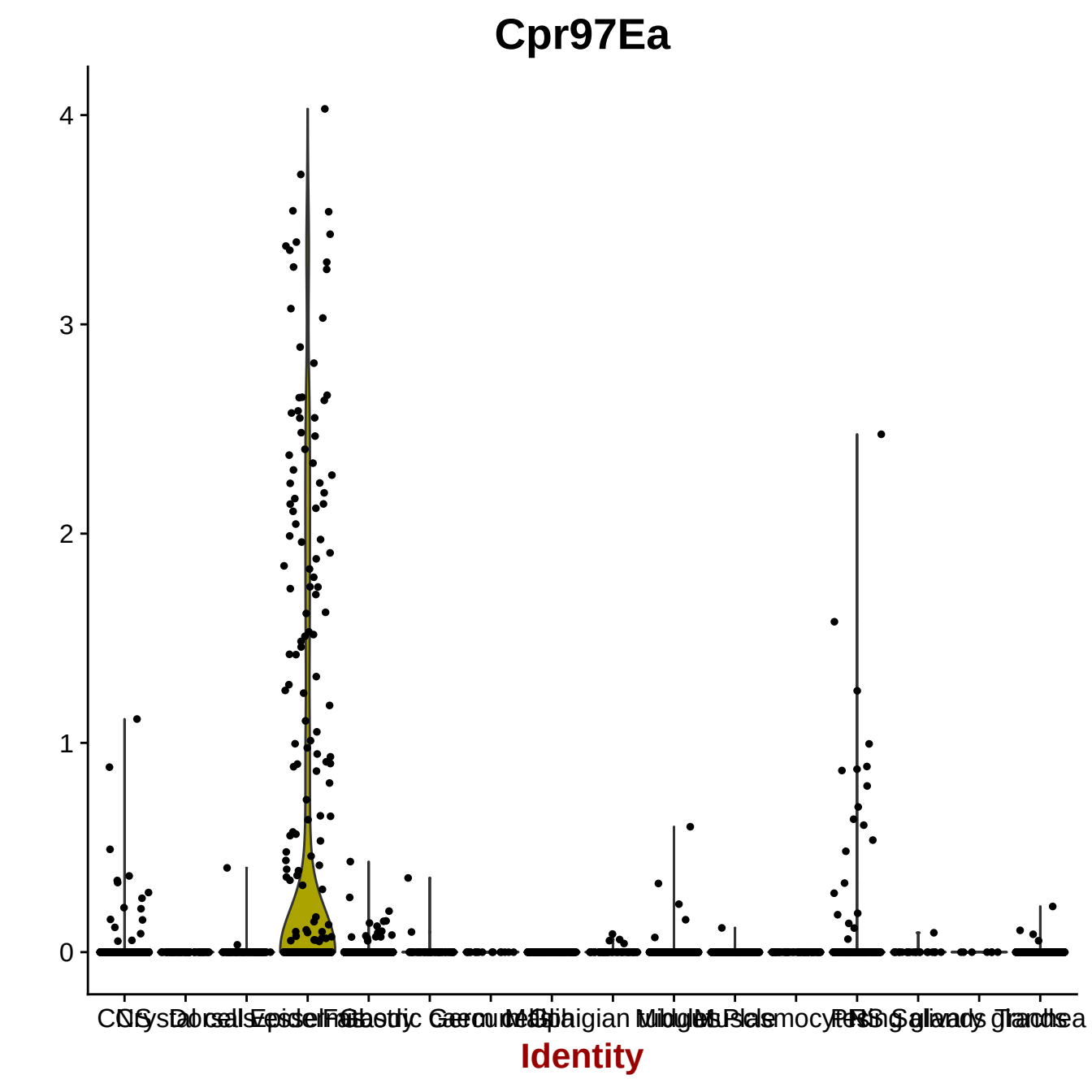
Identity


Cpr97Ea
4
3
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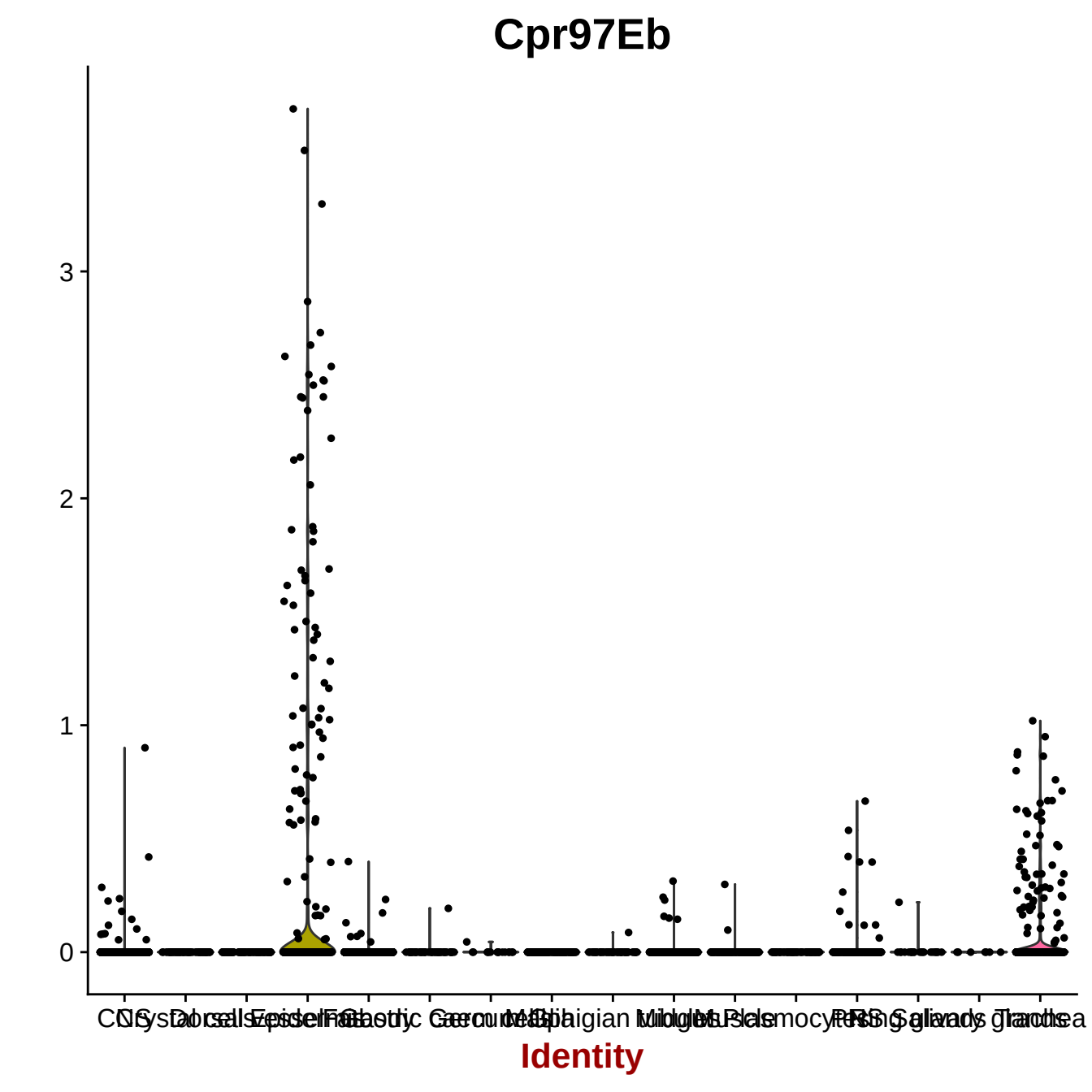
CNS
Dorsal Epidermis
Gastric Caecum
Malpighian tubules
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


Cpr97Eb
3
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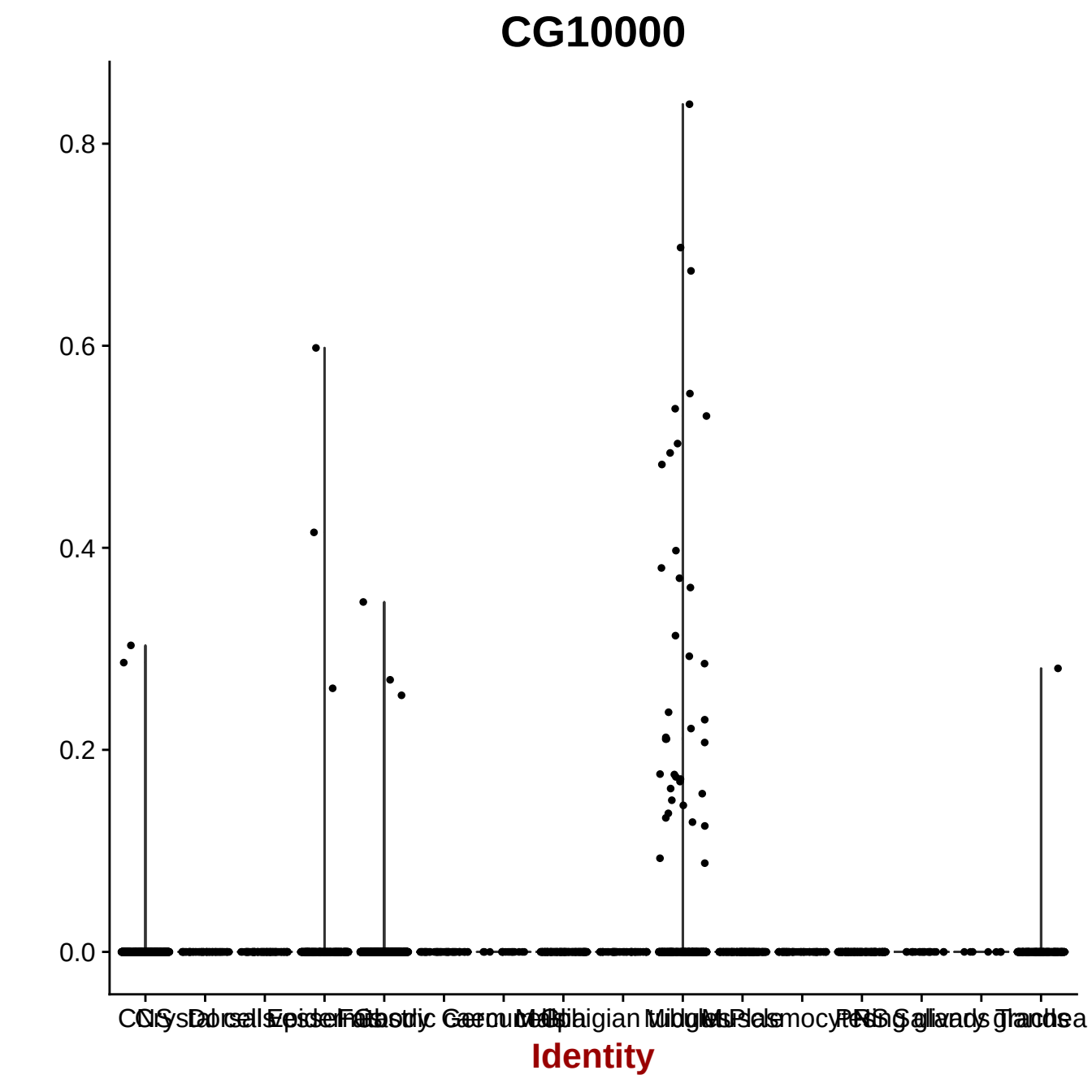
CNS
Crystal cells
Dorsal vessel
Epidermis
Fat body
Gastric caecum
Malpighian tubules
Muscles
Oenocytes
PNS
Salivary gland
Trachea
Identity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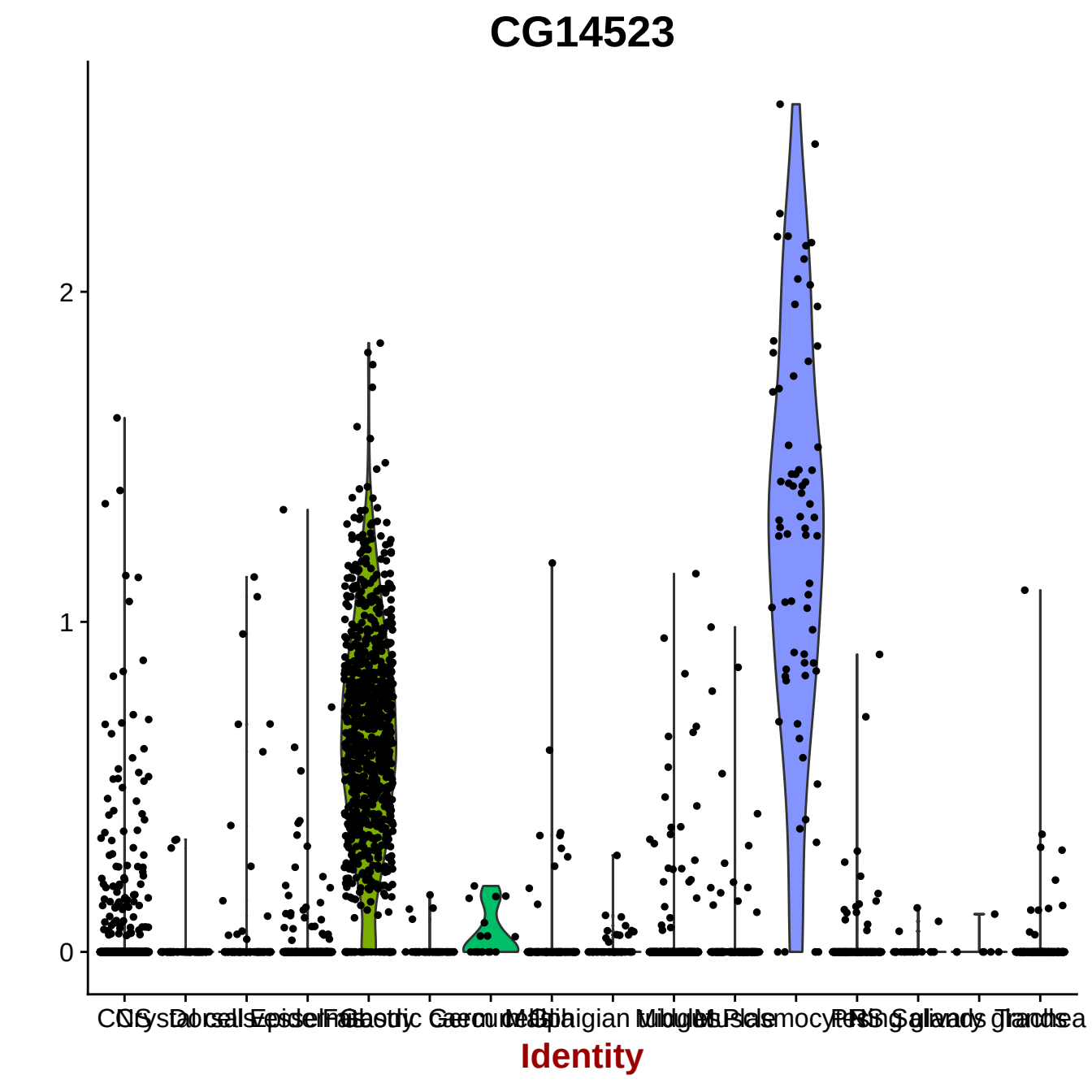
CG14523
2
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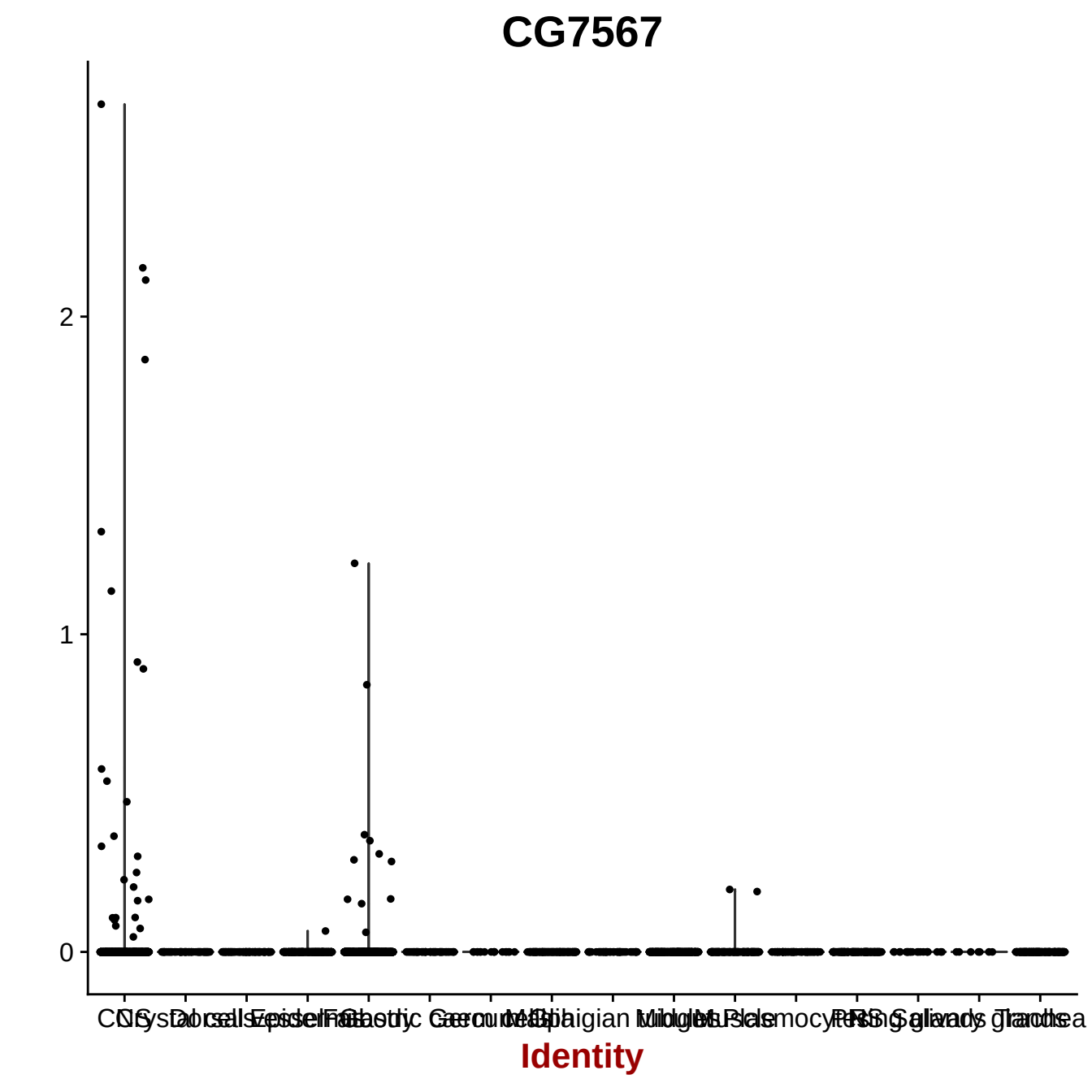
CNS
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG7567
2
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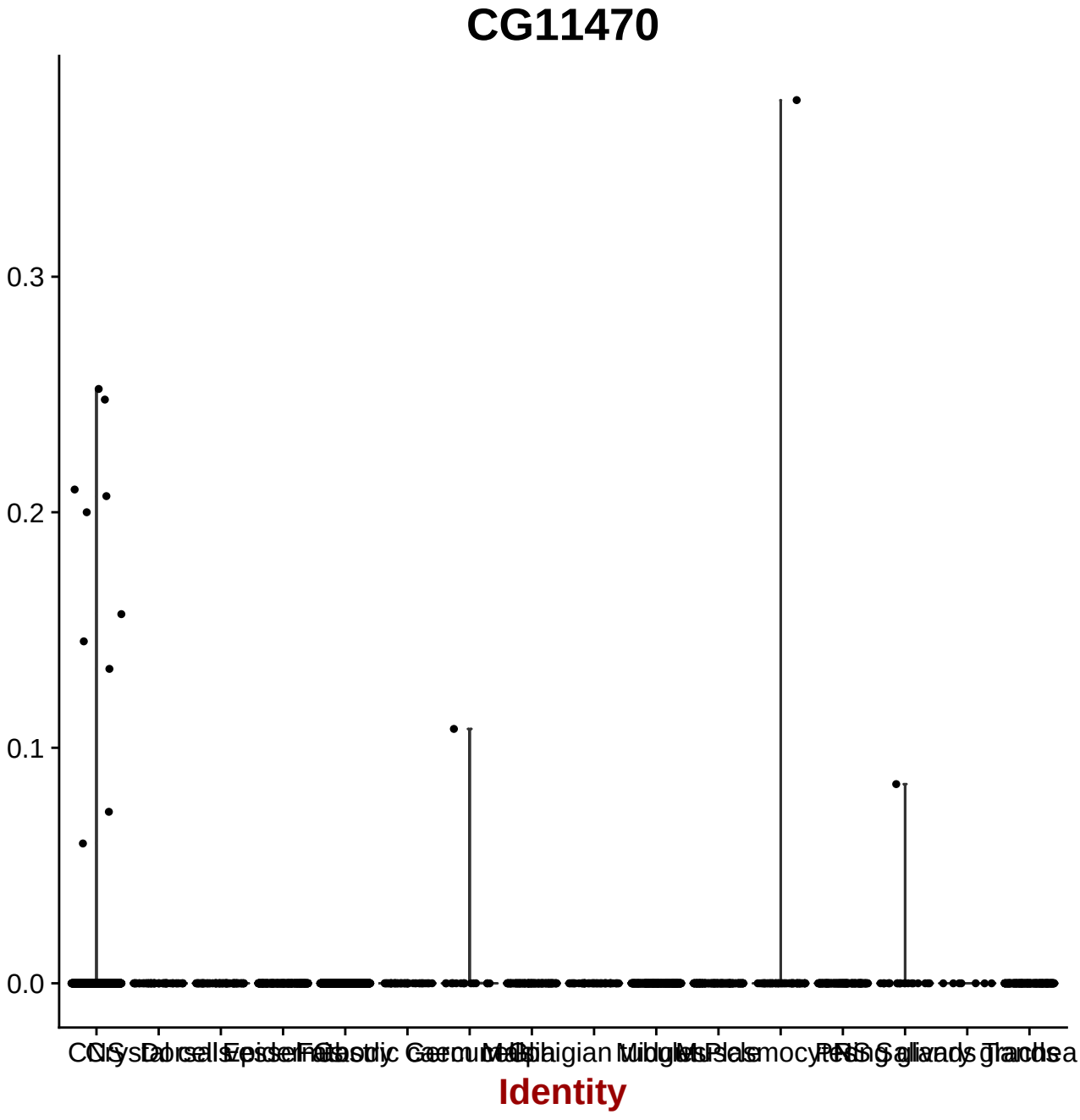
CNS
Dorsal vessel
Epidermis
Elastic
Gut
Malpighian
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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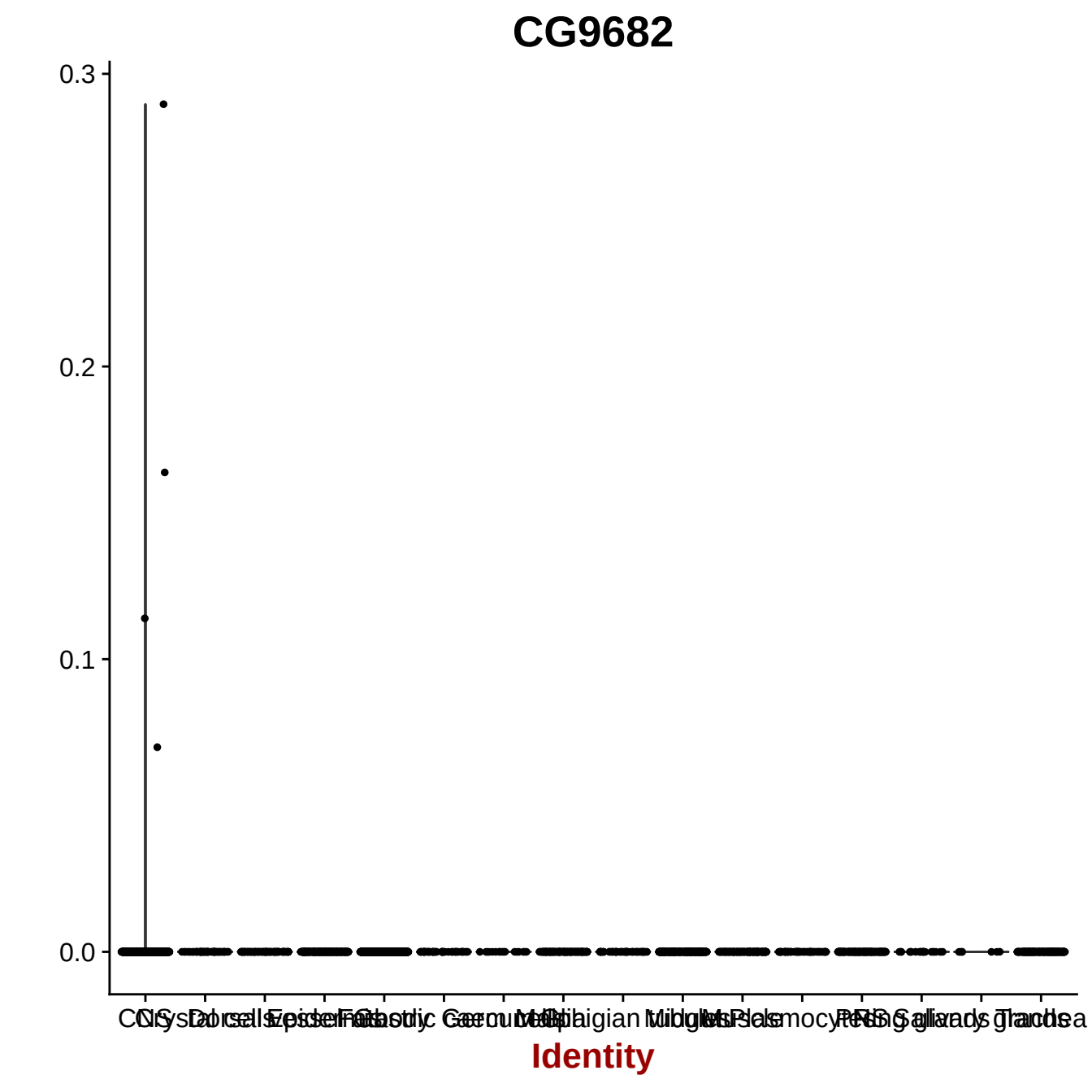
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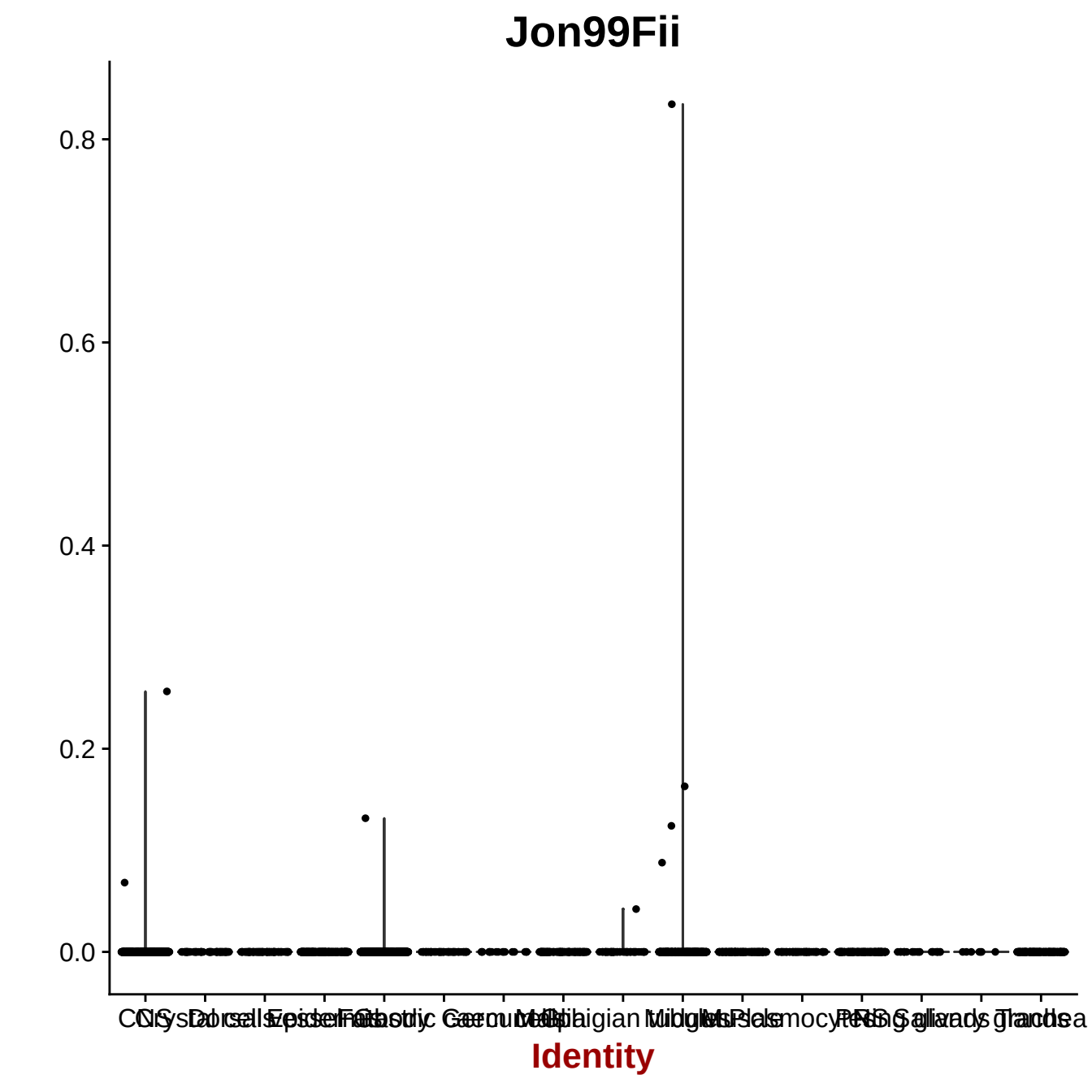
Identity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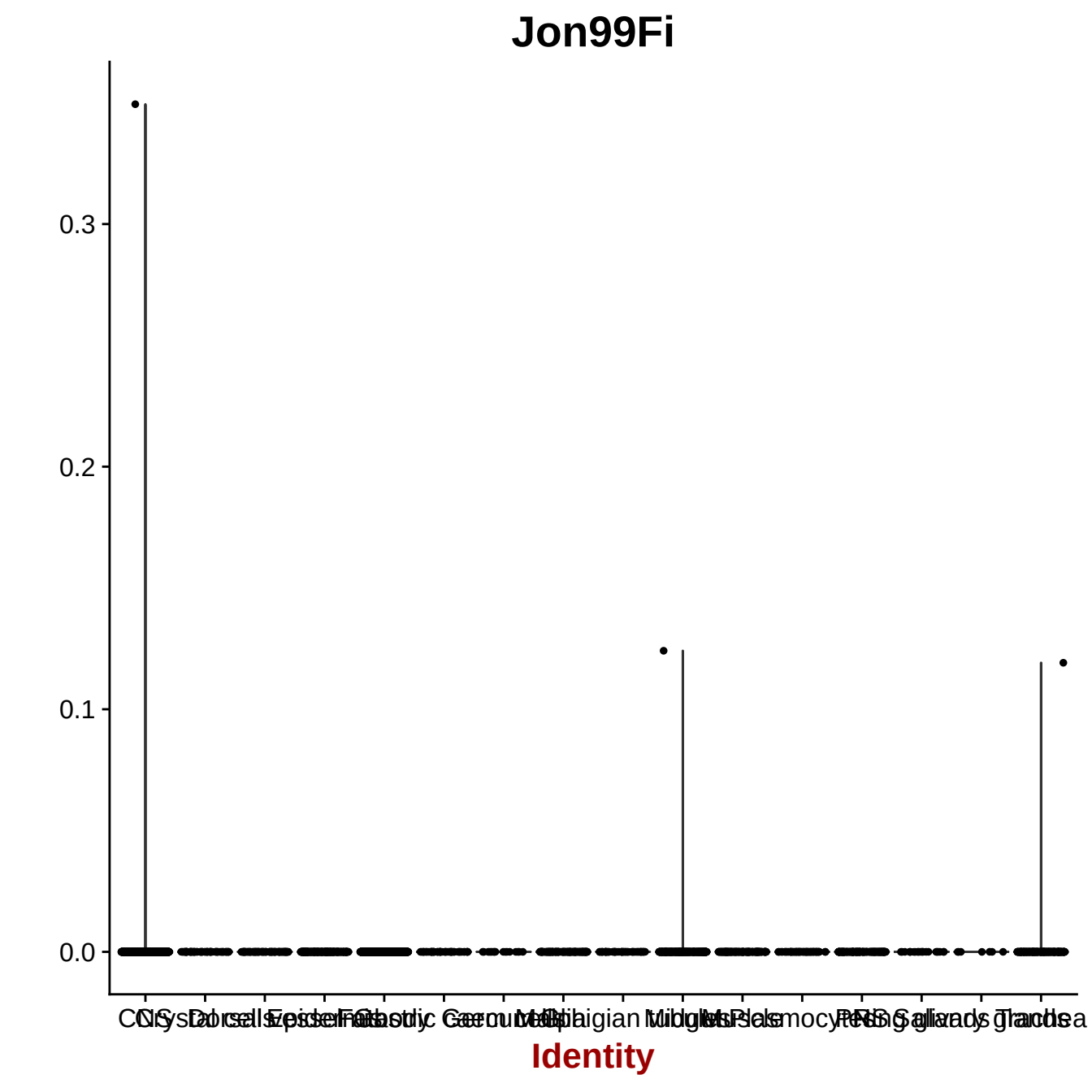
Identity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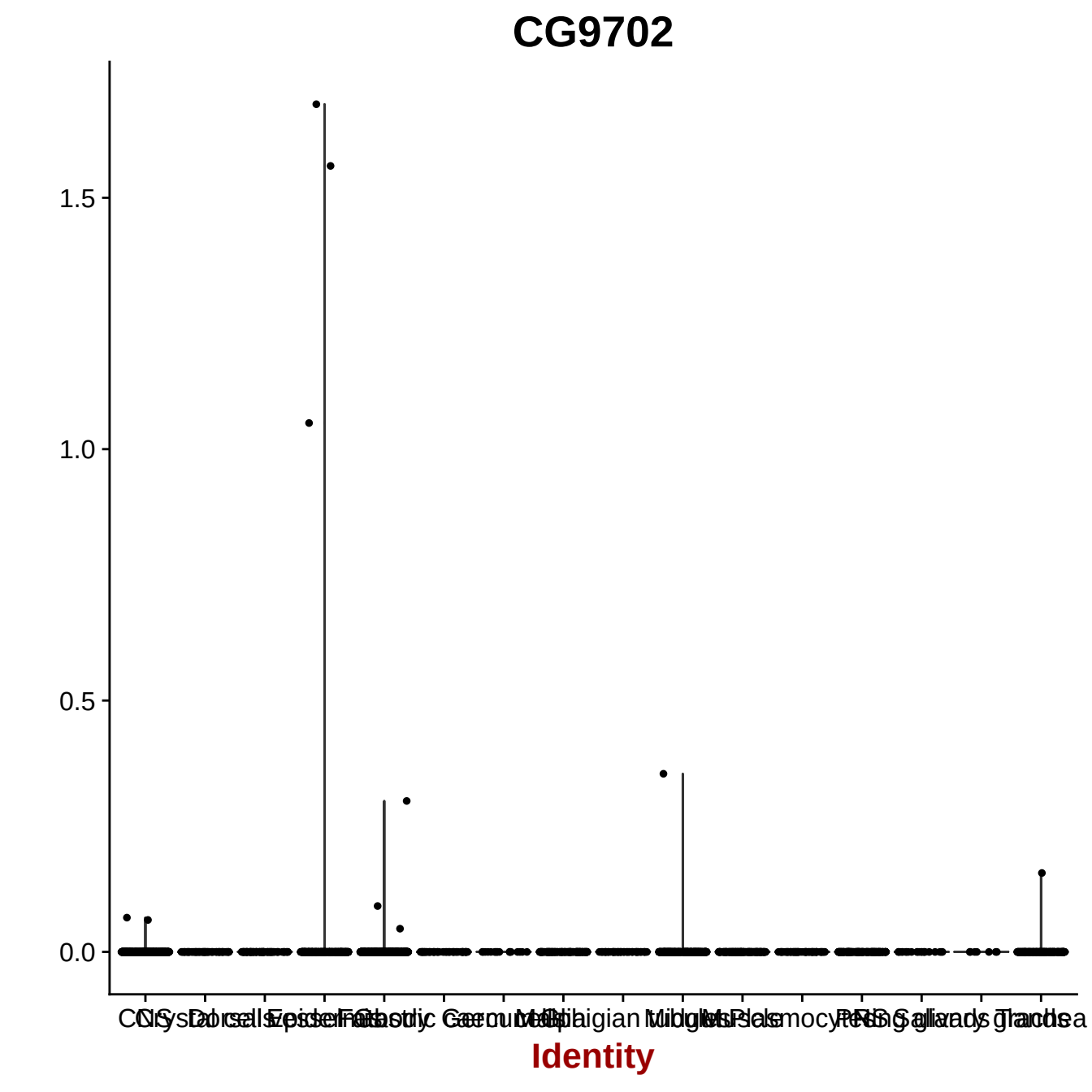
Identity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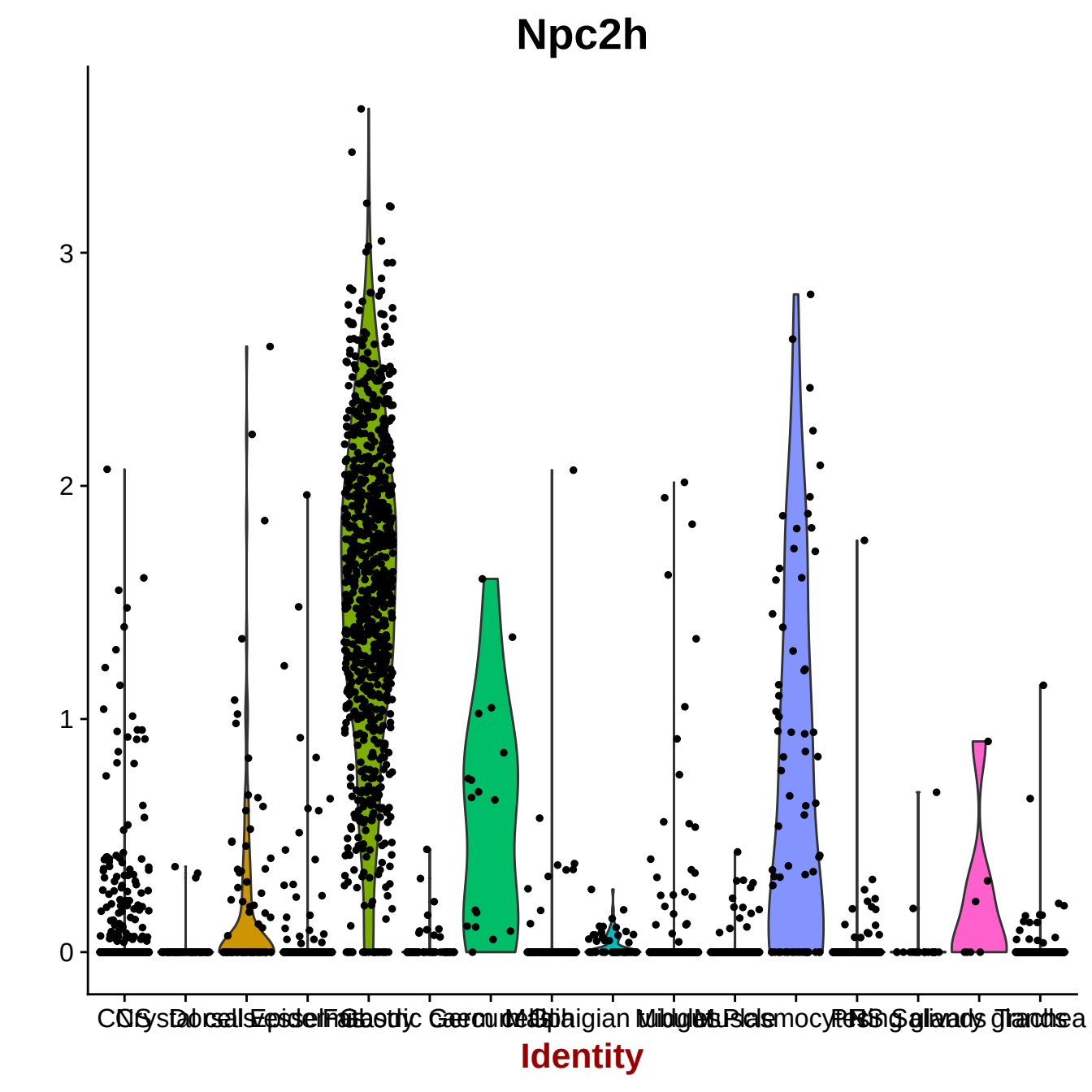
Npc2h
3
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1
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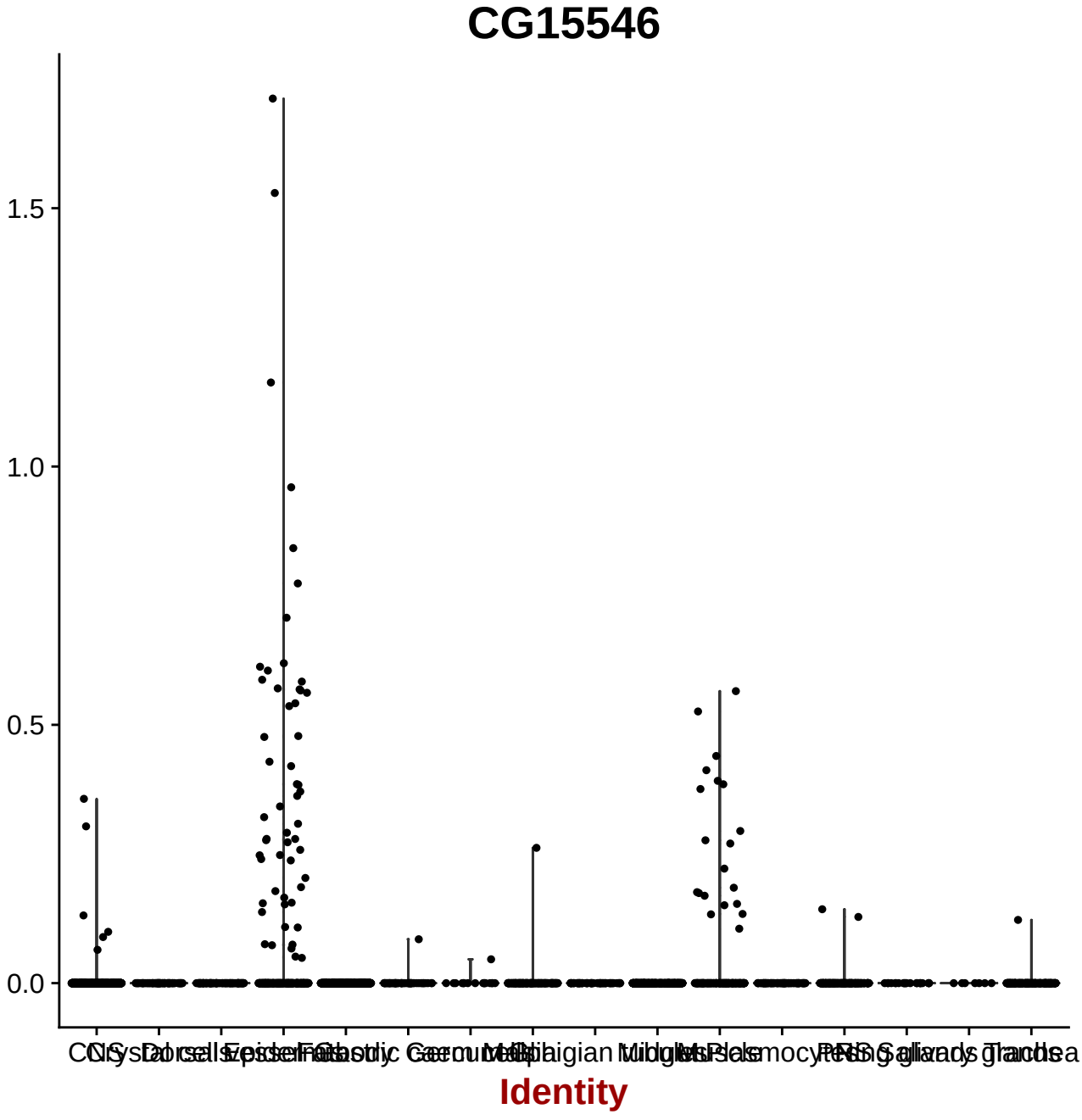
CNS
Dorsal root ganglion
Epidermis
Esophagus
Gastric
Gastrocnemius
Gonad
Heart
Kidney
Liver
Lung
Lymphocyte
Muscle
Pancreas
PNS
Salivary gland
Spleen
Trachea
Identity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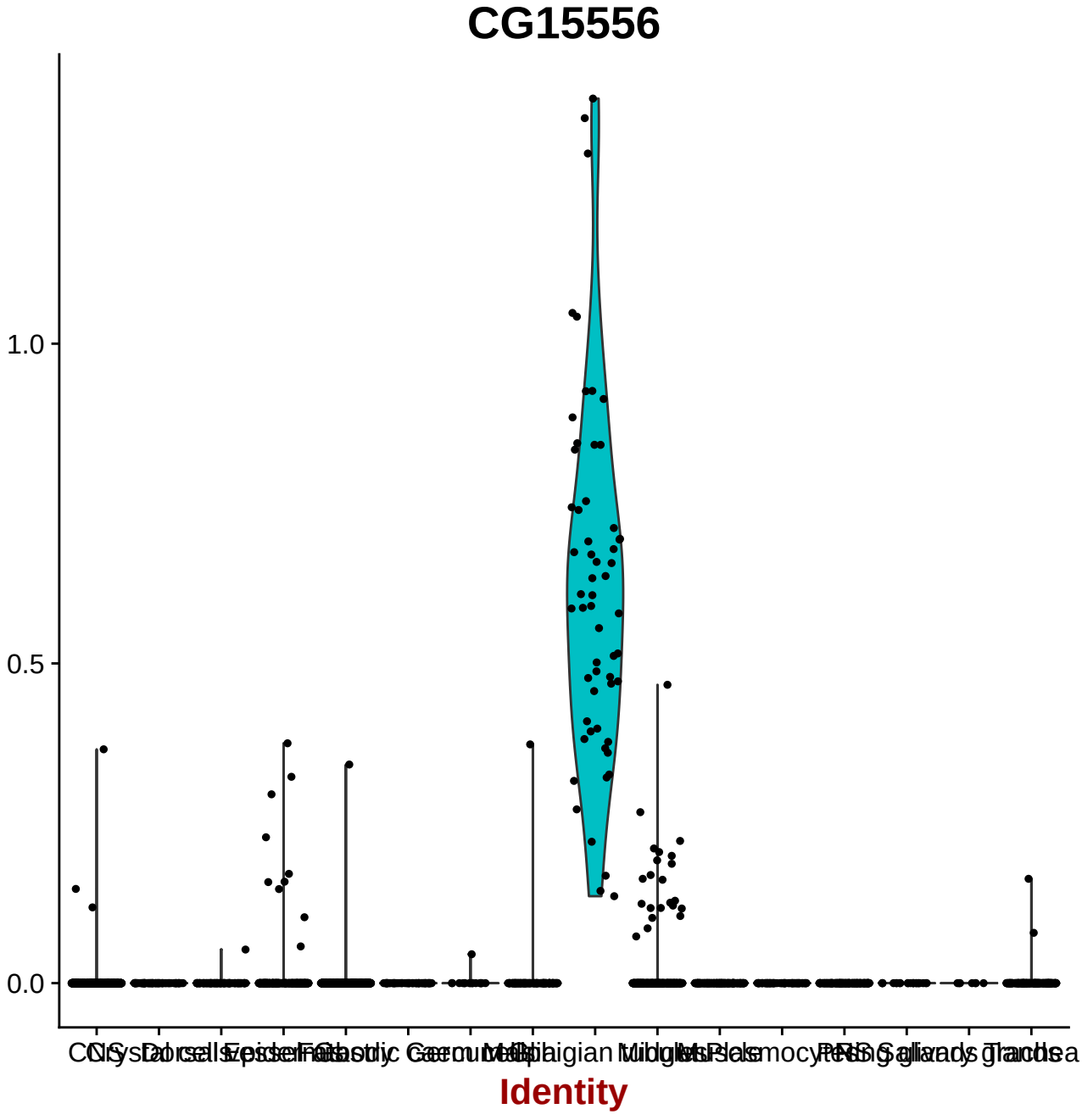
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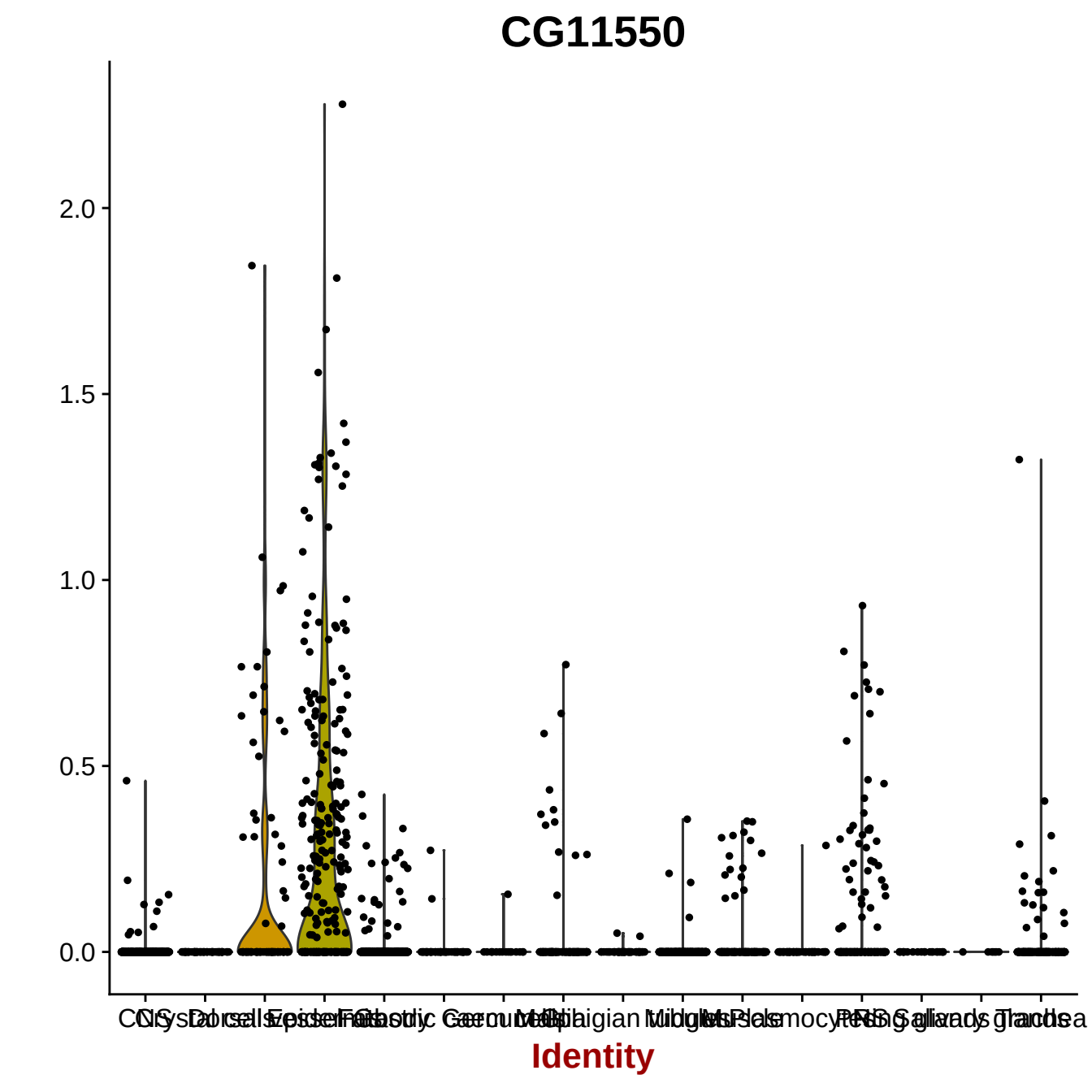
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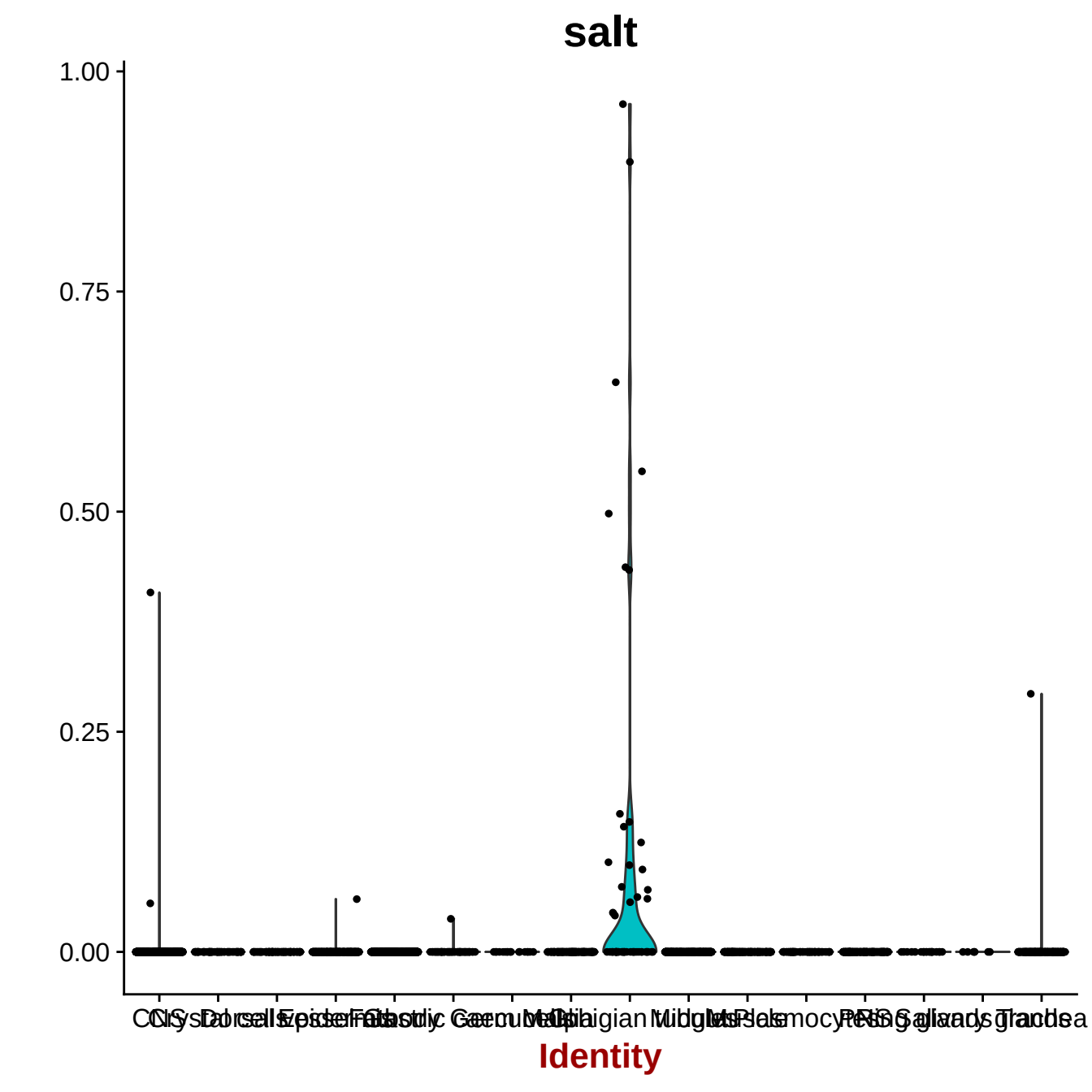
Identity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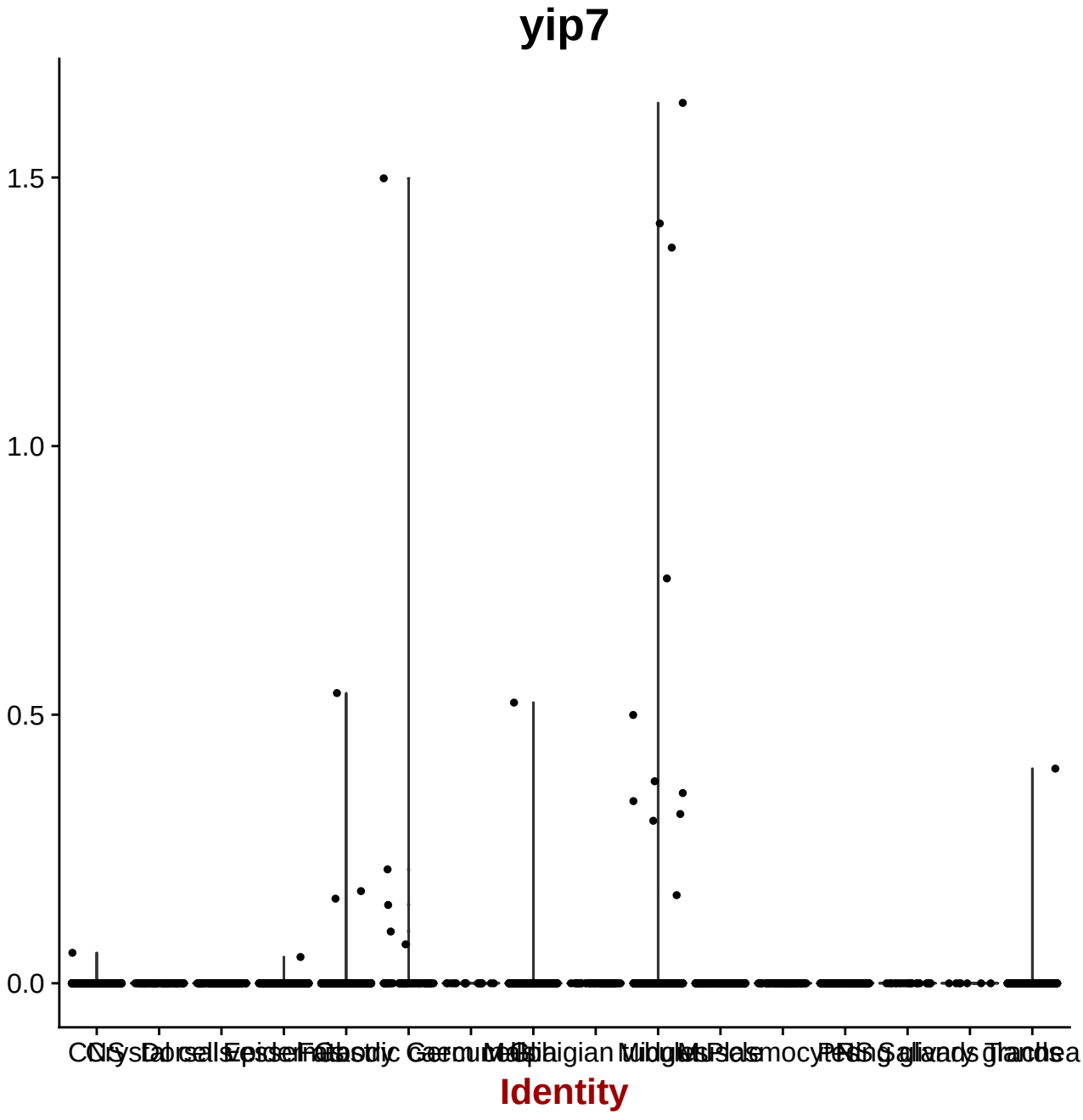
Identity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1.0
0.5
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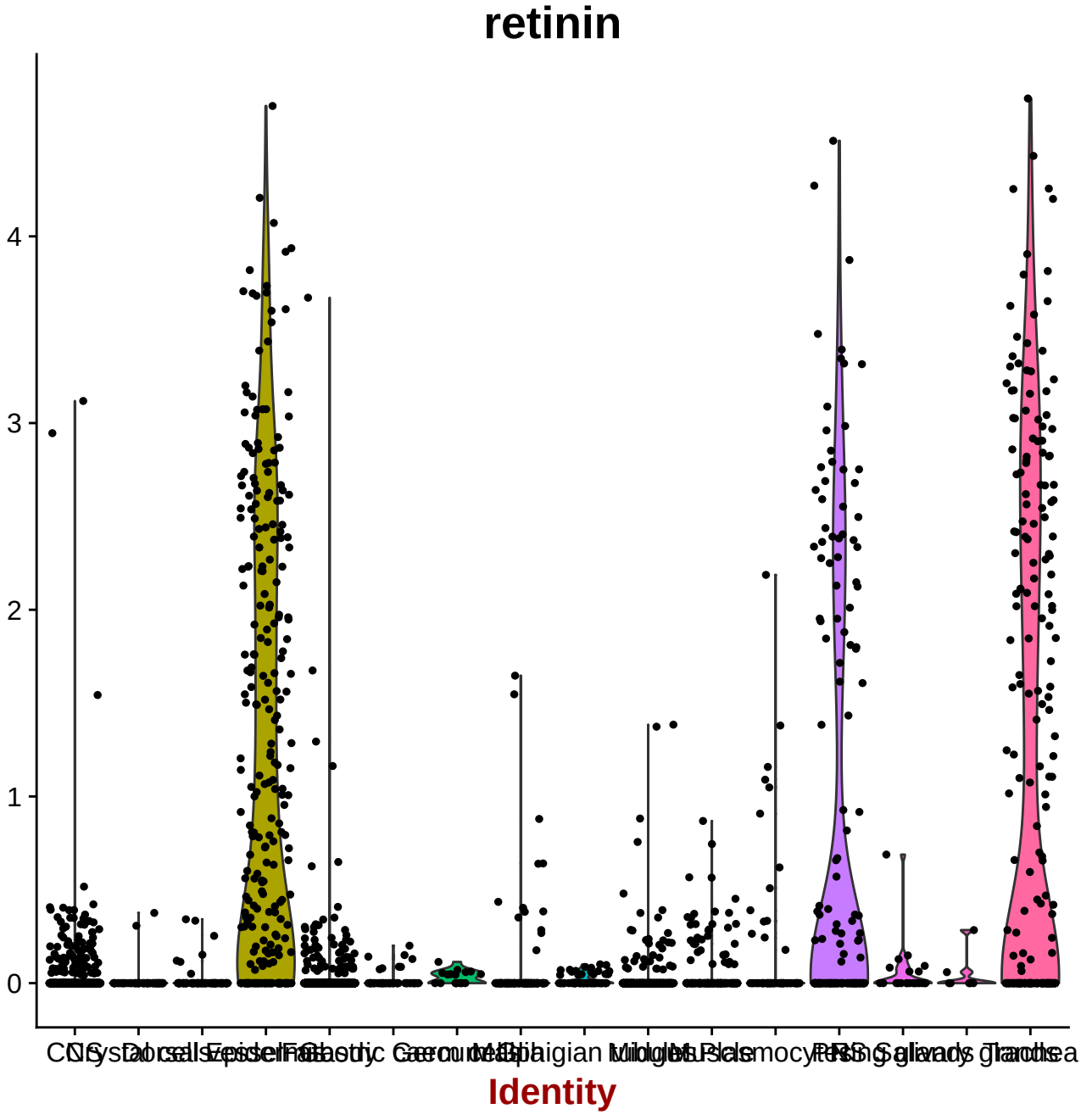
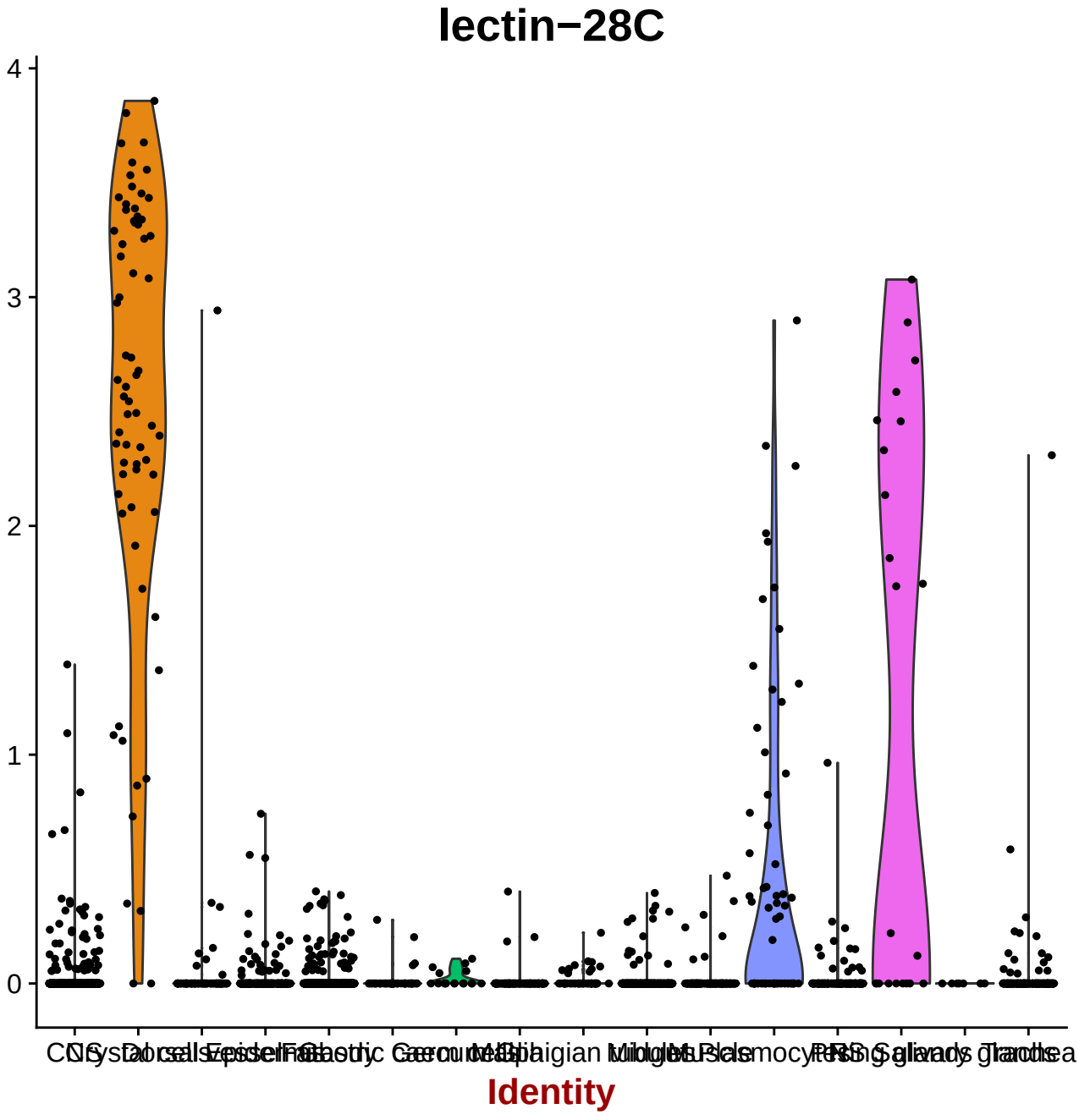
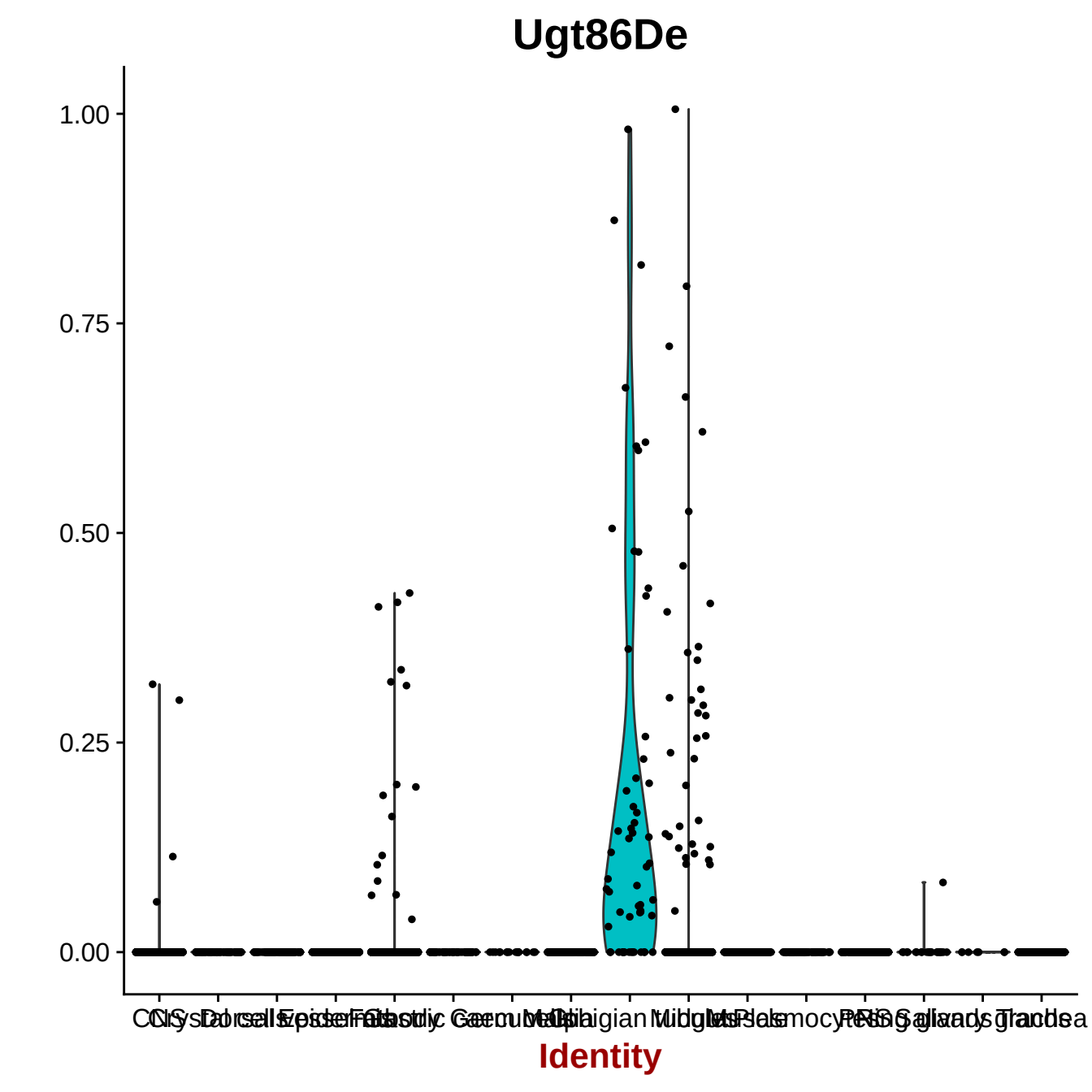
Identity


retinin
4
3
2
1
0
CNS
Crystalline
Dorsal root
Epidermis
Fibroblastic
Germ cell
Hepatocyte
Hippocampal
Lymphocytes
Muscle
Pancreas
PNS
Salivary gland
Trachea
Identity


lectin−28C
4
3
2
1
0
CNS
Dorsal vessel
Epidermis
Fat body
Germ cells
Malpighian tubules
Midgut
Plasmatocytes
PNS
Salivary gland
Trachea
Identity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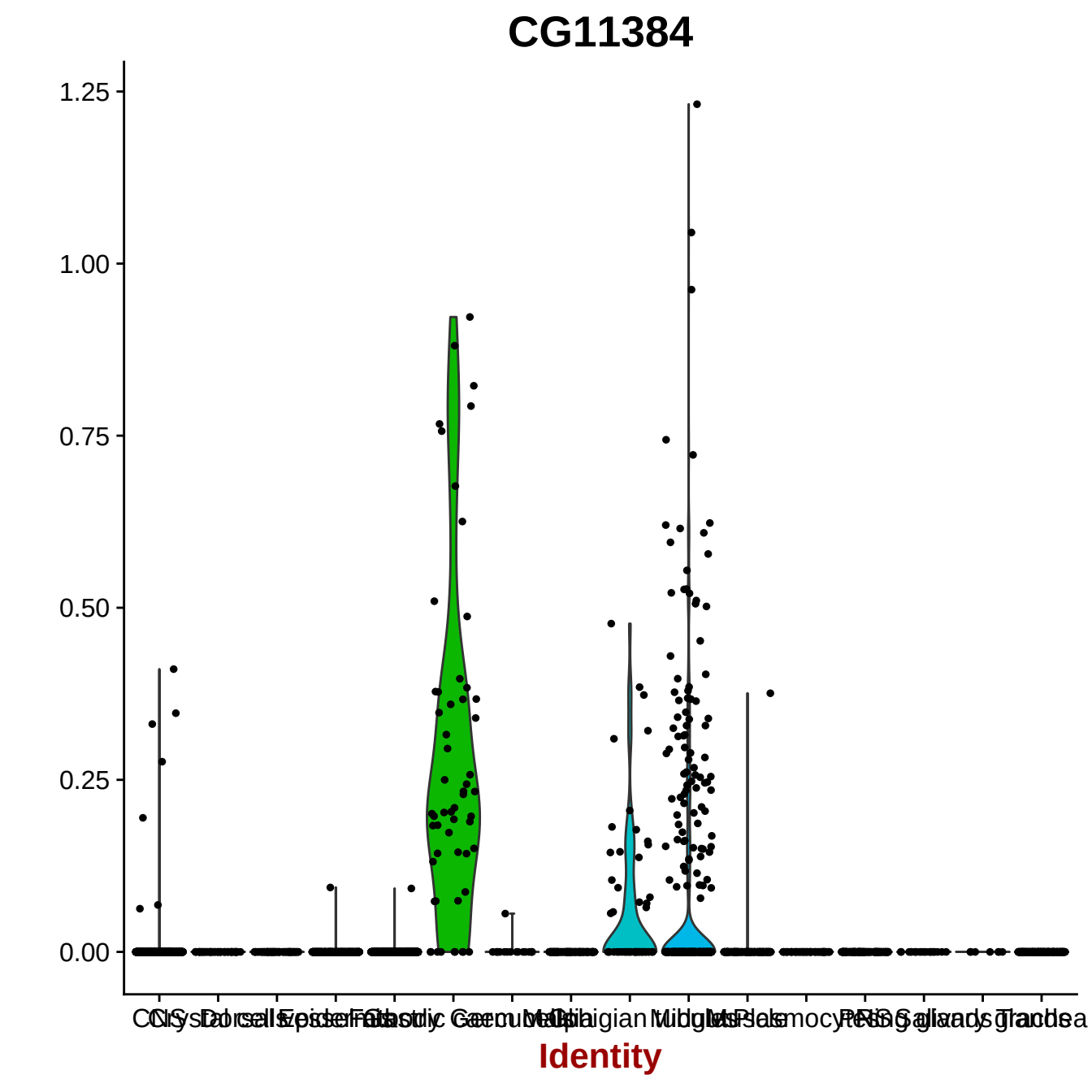
Identity


CG11384
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1.00
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0.25
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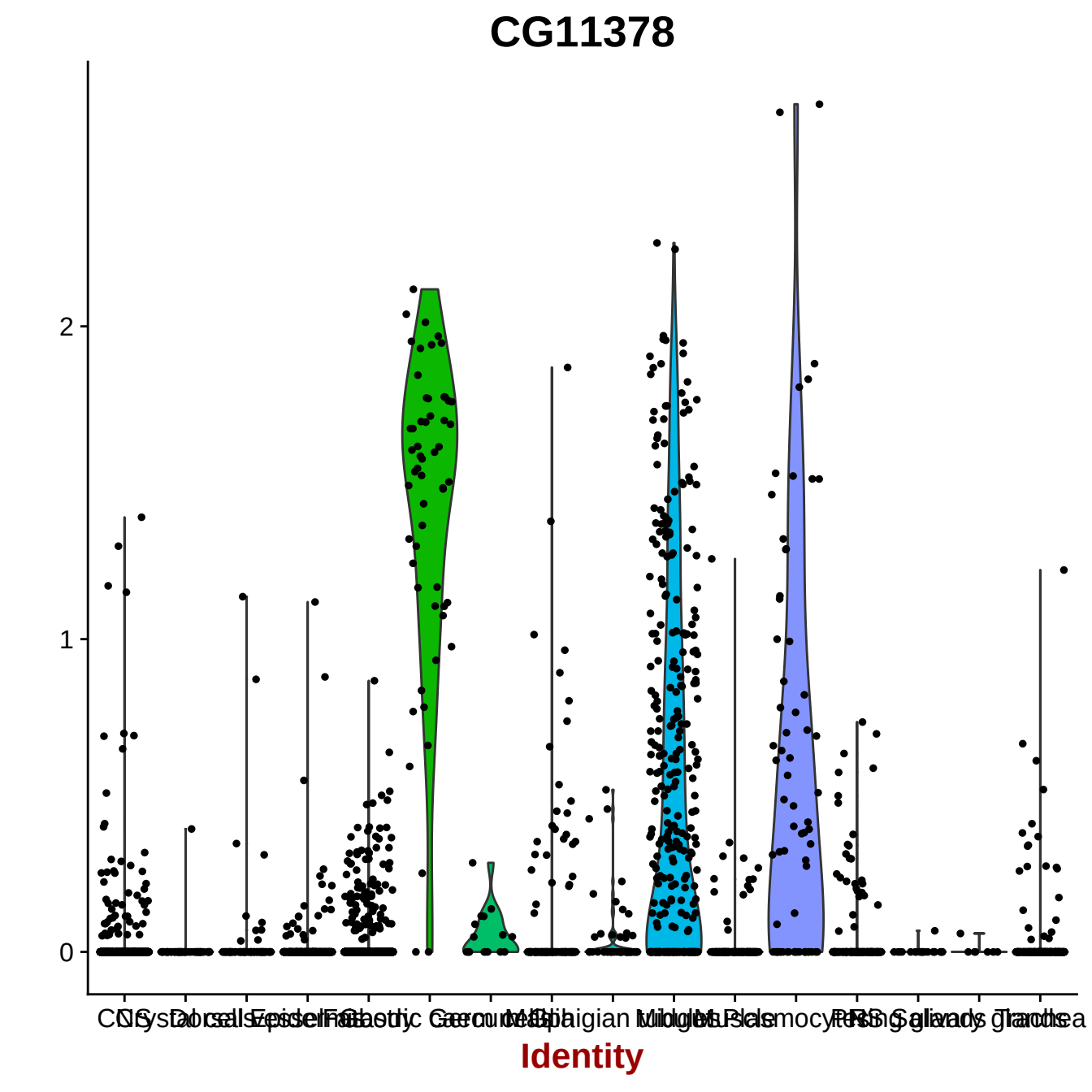
CNS
Dorsal epidermis
Epidermis
Fat body
Germ cells
Malpighian tubules
Muscle
Hemocytes
PER
Salivary gland
Trachea
Identity


CG11378
2
1
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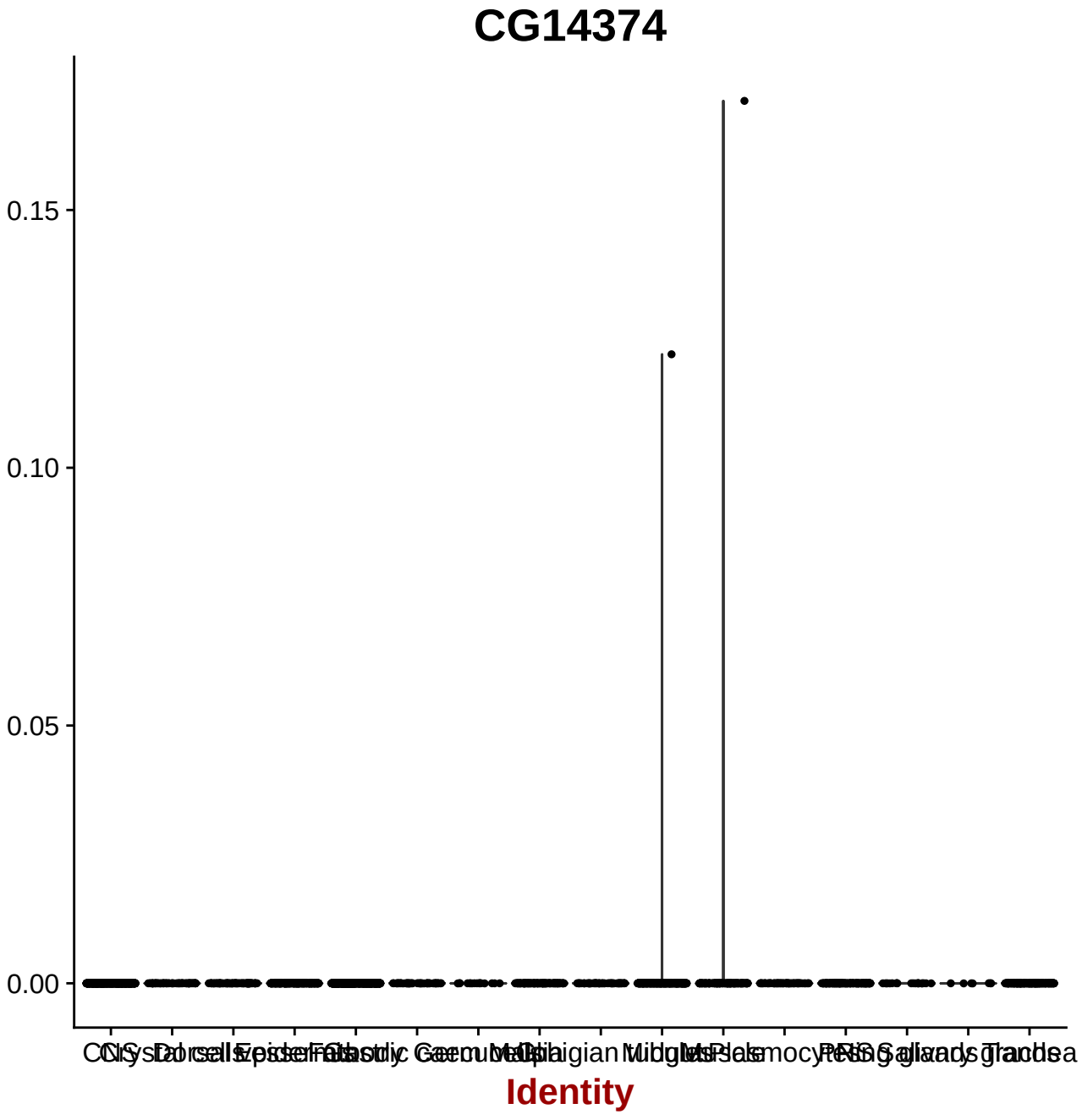
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity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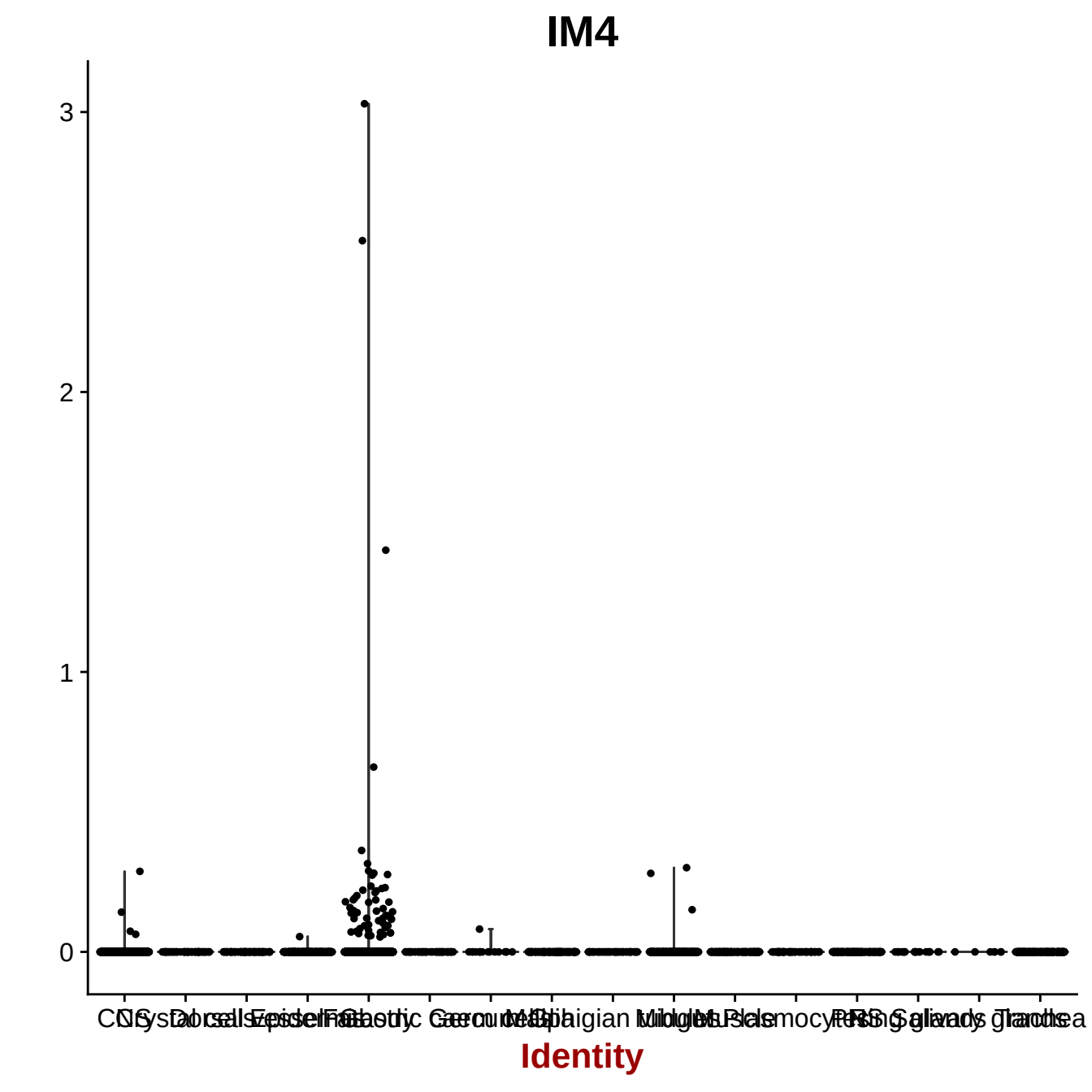
IM4
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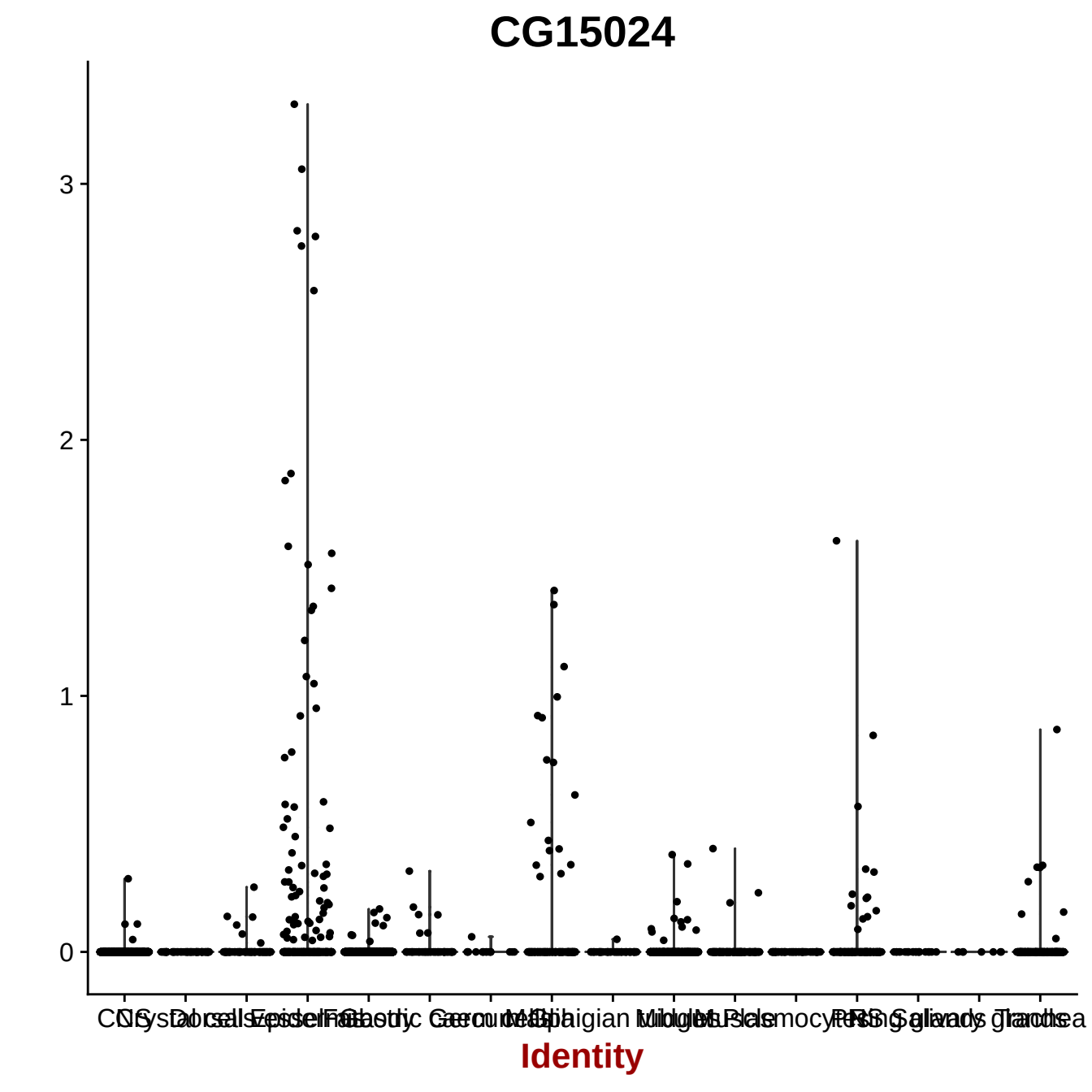
CNS
Dorsal root ganglion
Vessel
Endothelial
Gastric
Caecum
Mesothelial
Pancreatic
Mucosal
Lymphocyte
Muscle
RBC
Salivary gland
Trachea
Identity


CG15024
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2
1
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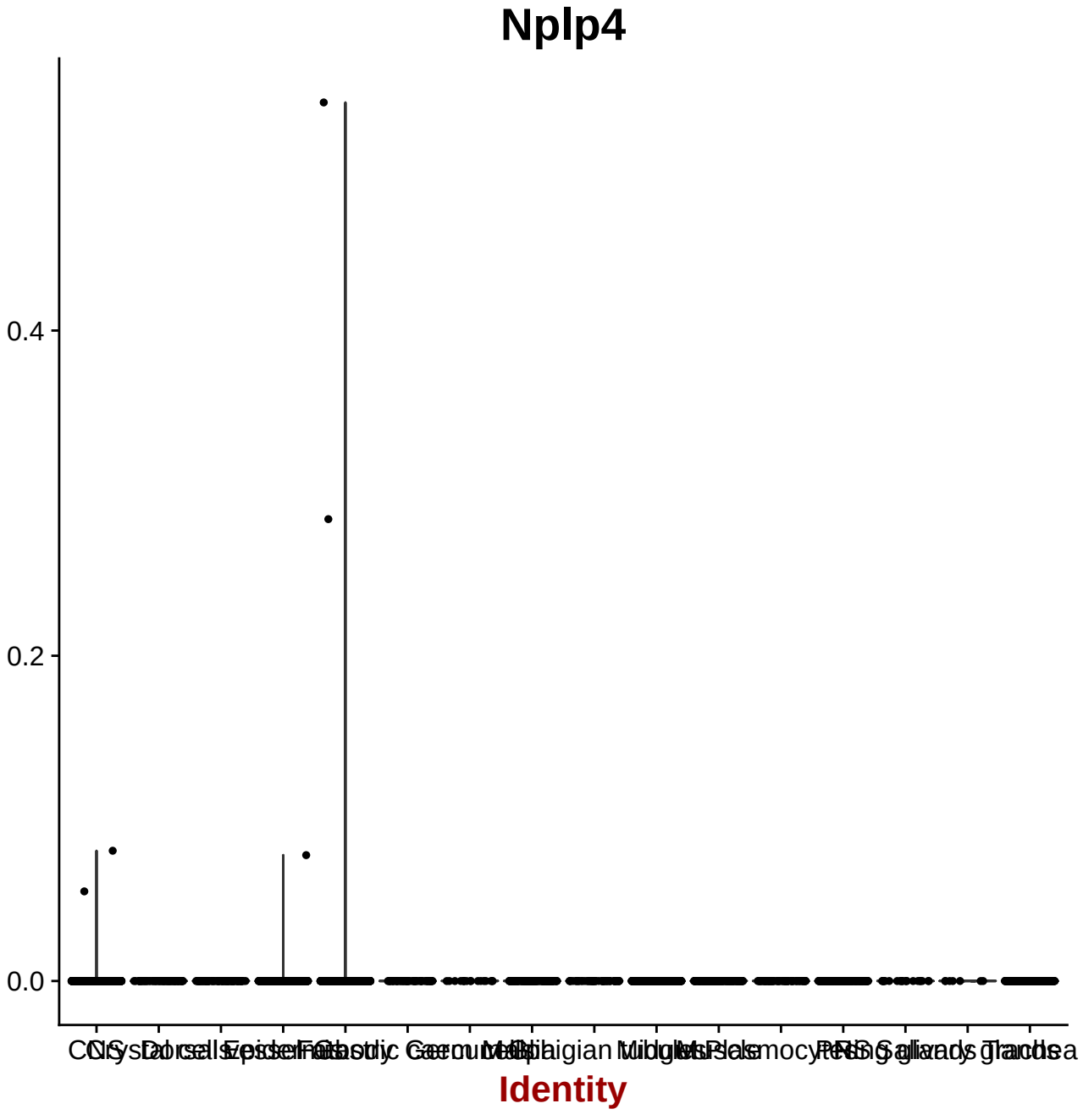
CNS
Crystal cells
Dorsal epidermis
Epidermis
Elastic
Gut
Germ cells
Malpighian tubules
Midgut
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity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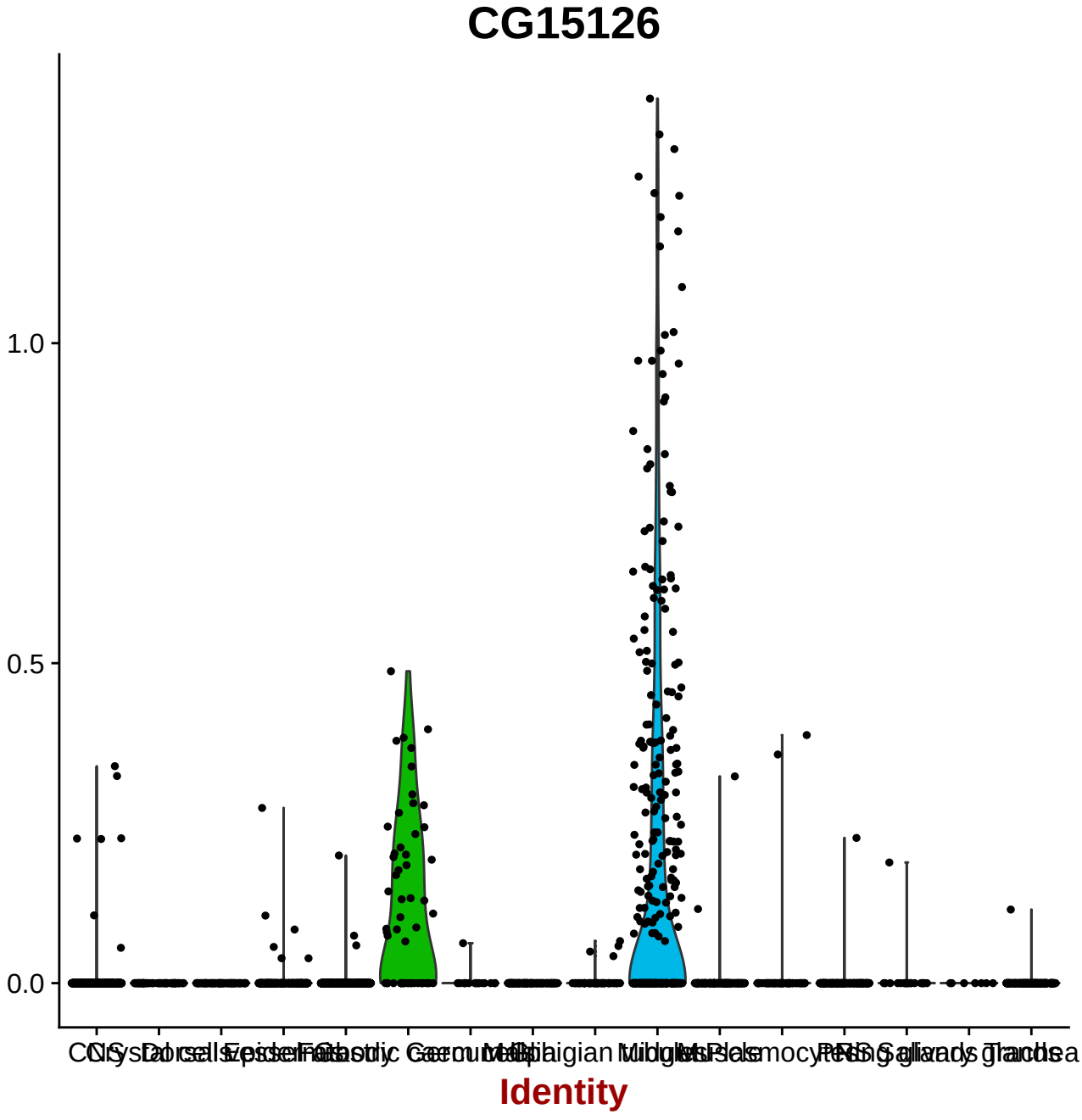
Identity


CG15126
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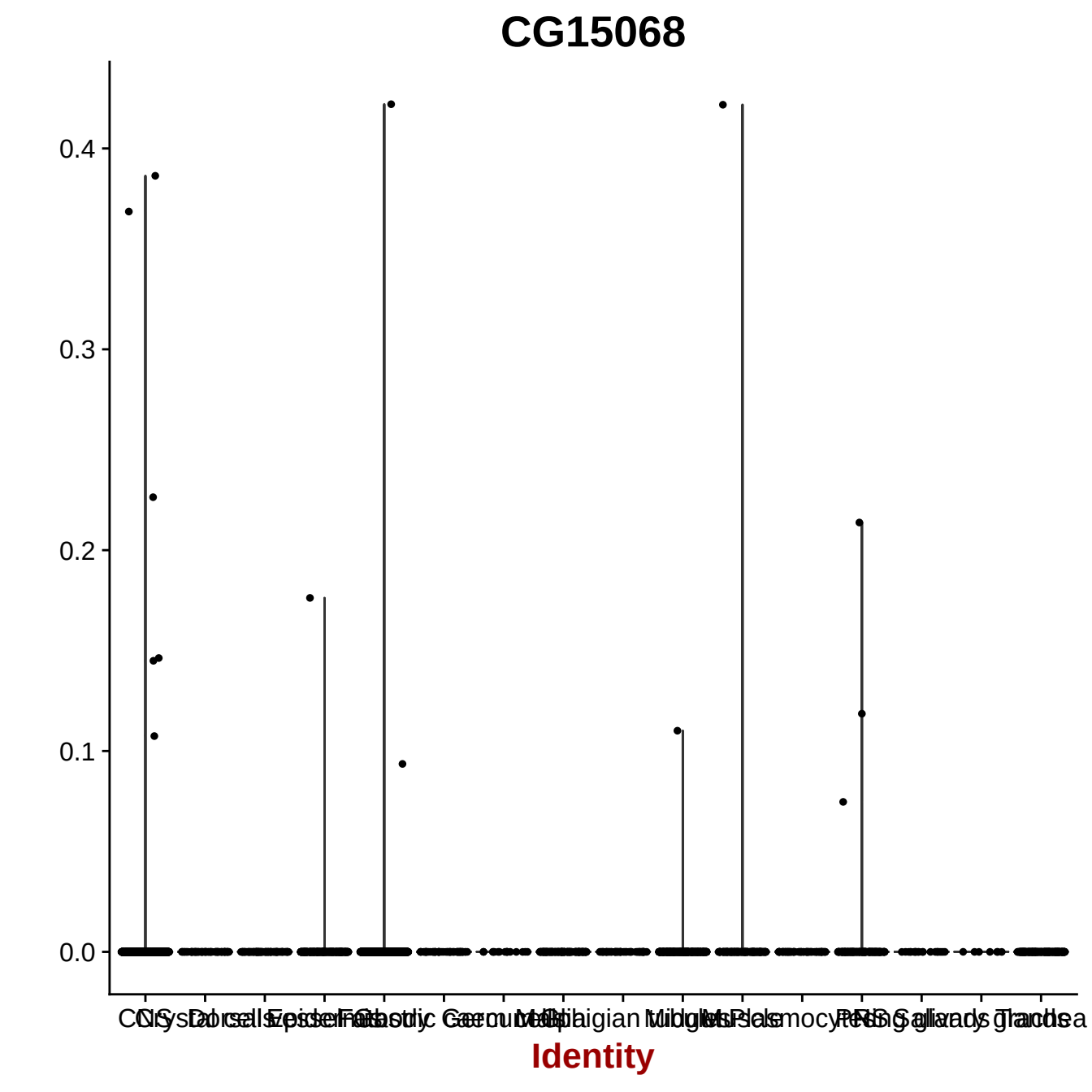
0.0
CNS
Dorsal epidermis
Epidermis
Esophagus
Gastric caecum
Malpighian tubules
Midgut
Muscle
Oenocytes
PER
Salivary gland
Trachea
Identity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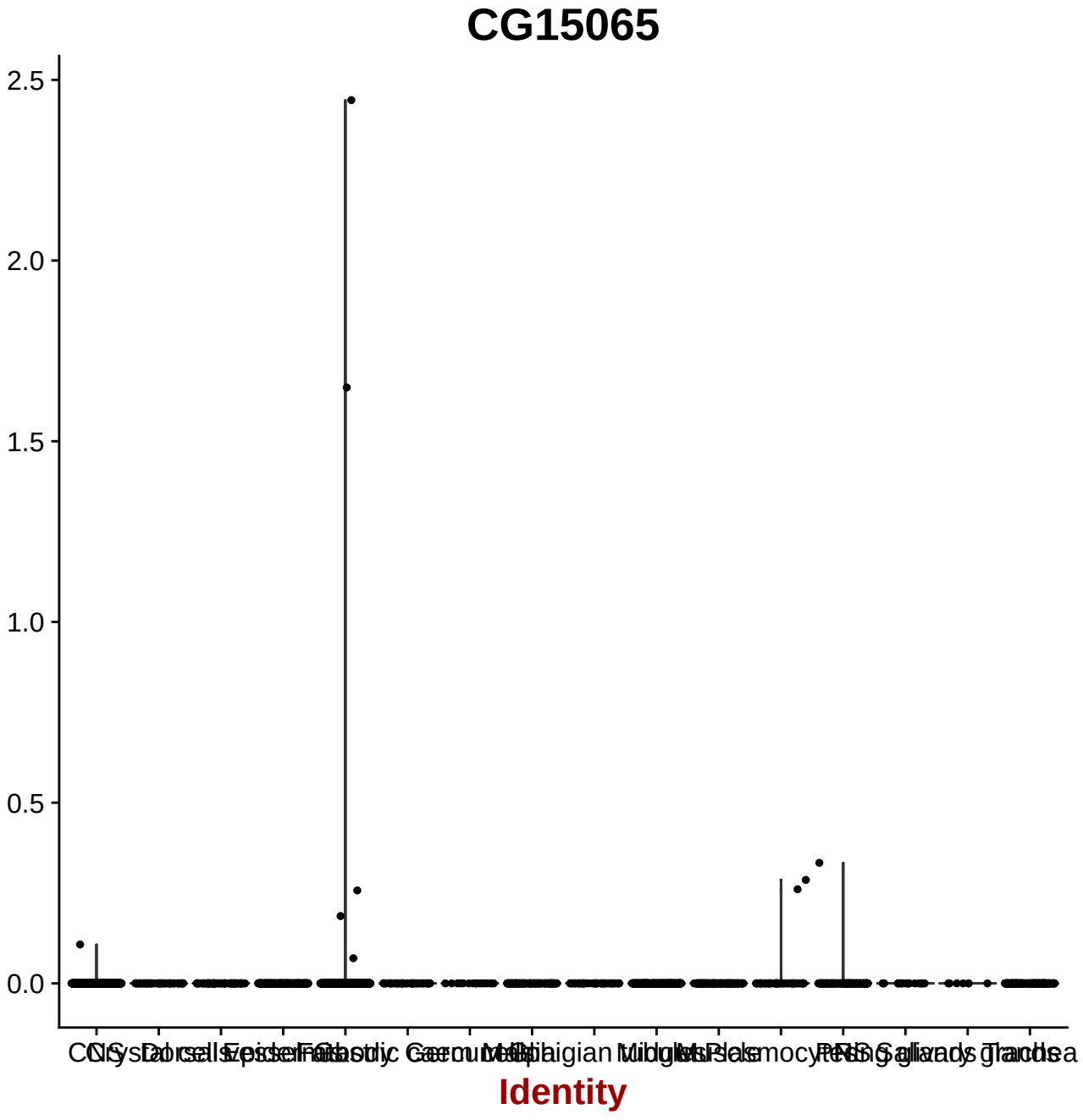
Identity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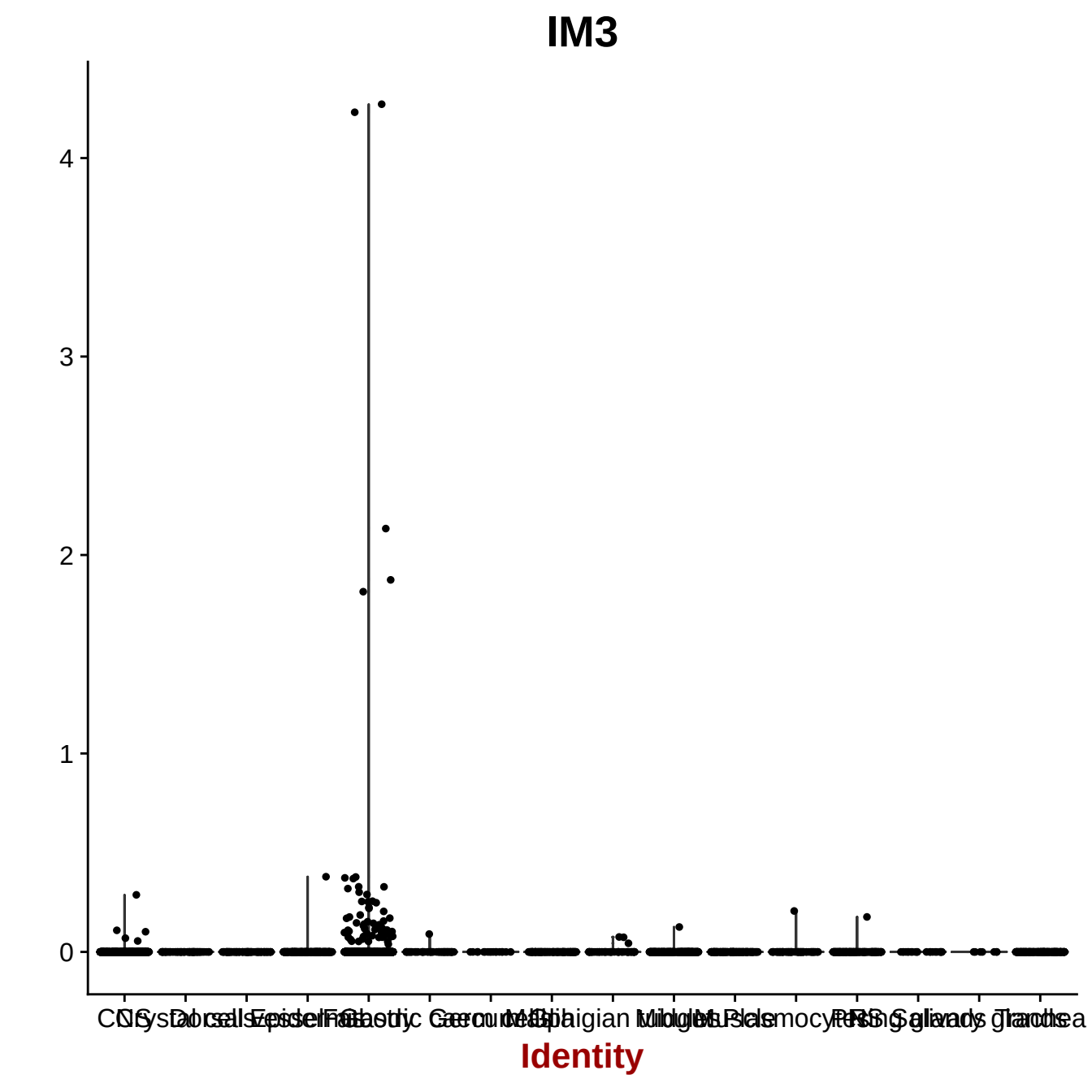
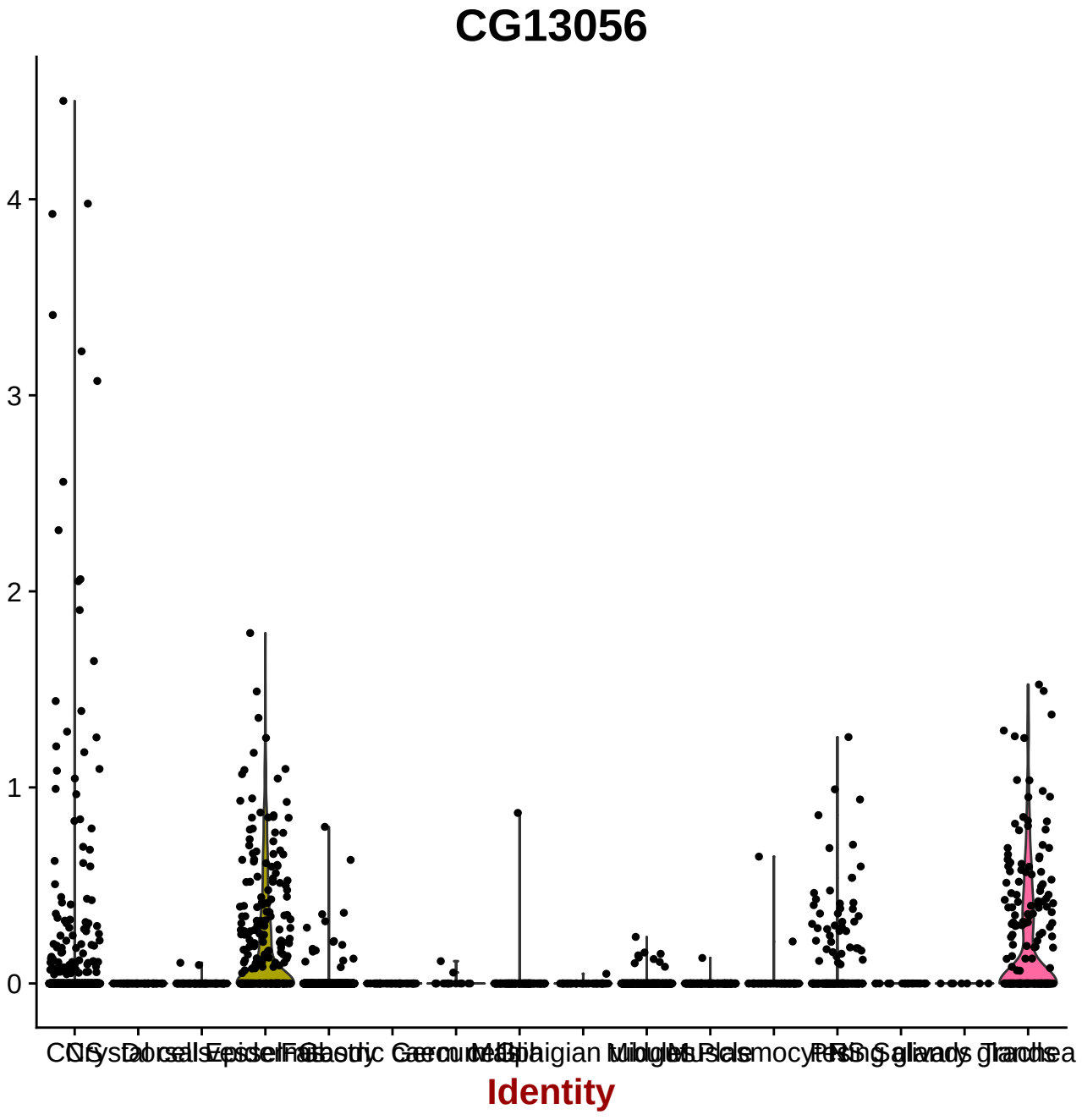
1.5
1.0
0.5
0.0
Identity


IM3
4
3
2
1
0
CNS
Dorsal root ganglion
Vessel
Enteric
Caecum
Epithelial
Muscle
Plasmocytes
PNS
Salivary gland
Trachea
Identity


CG13056
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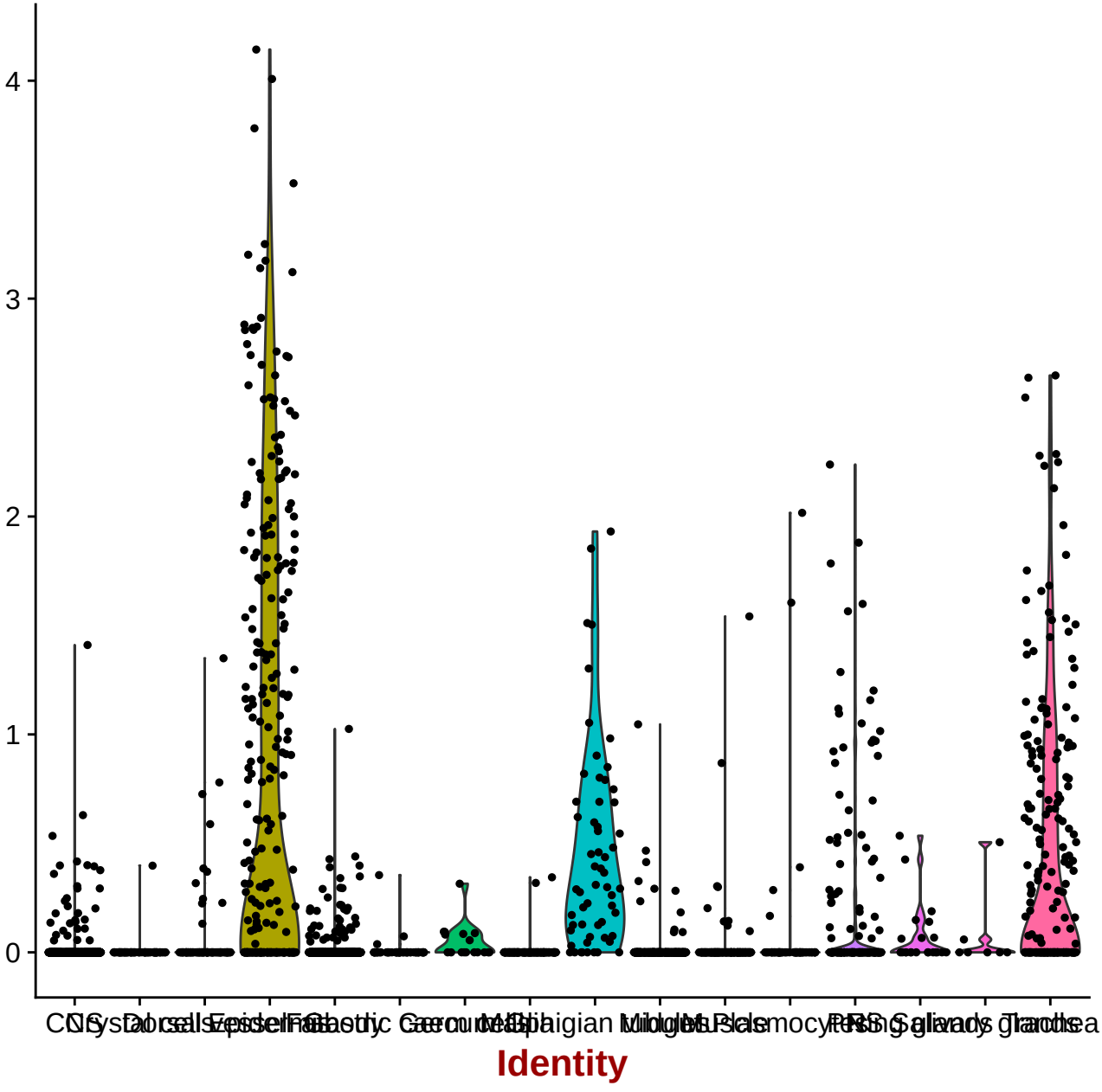
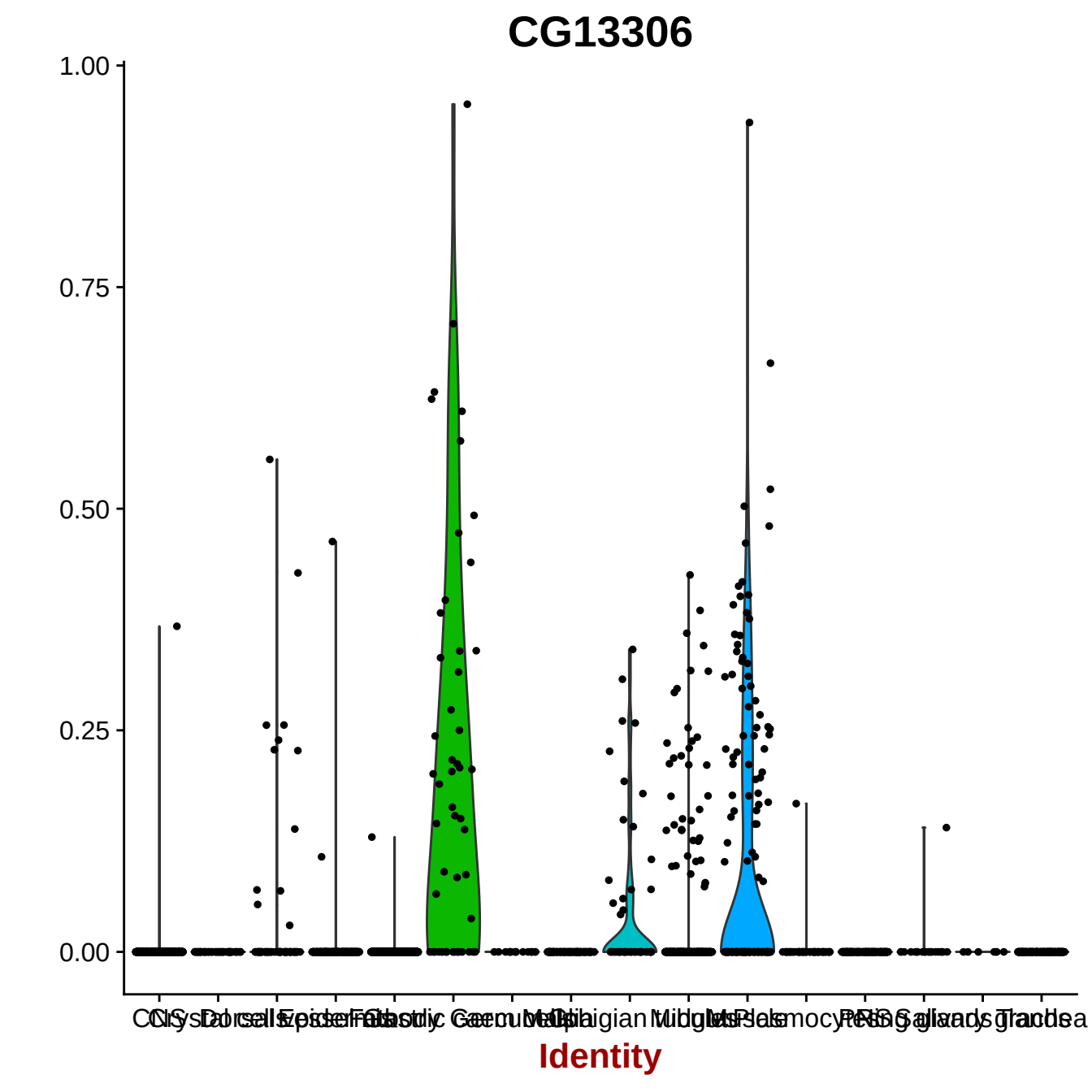
3
2
1
0
CNS
Crystal cells
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity

CG13038


4
3
2
1
0
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity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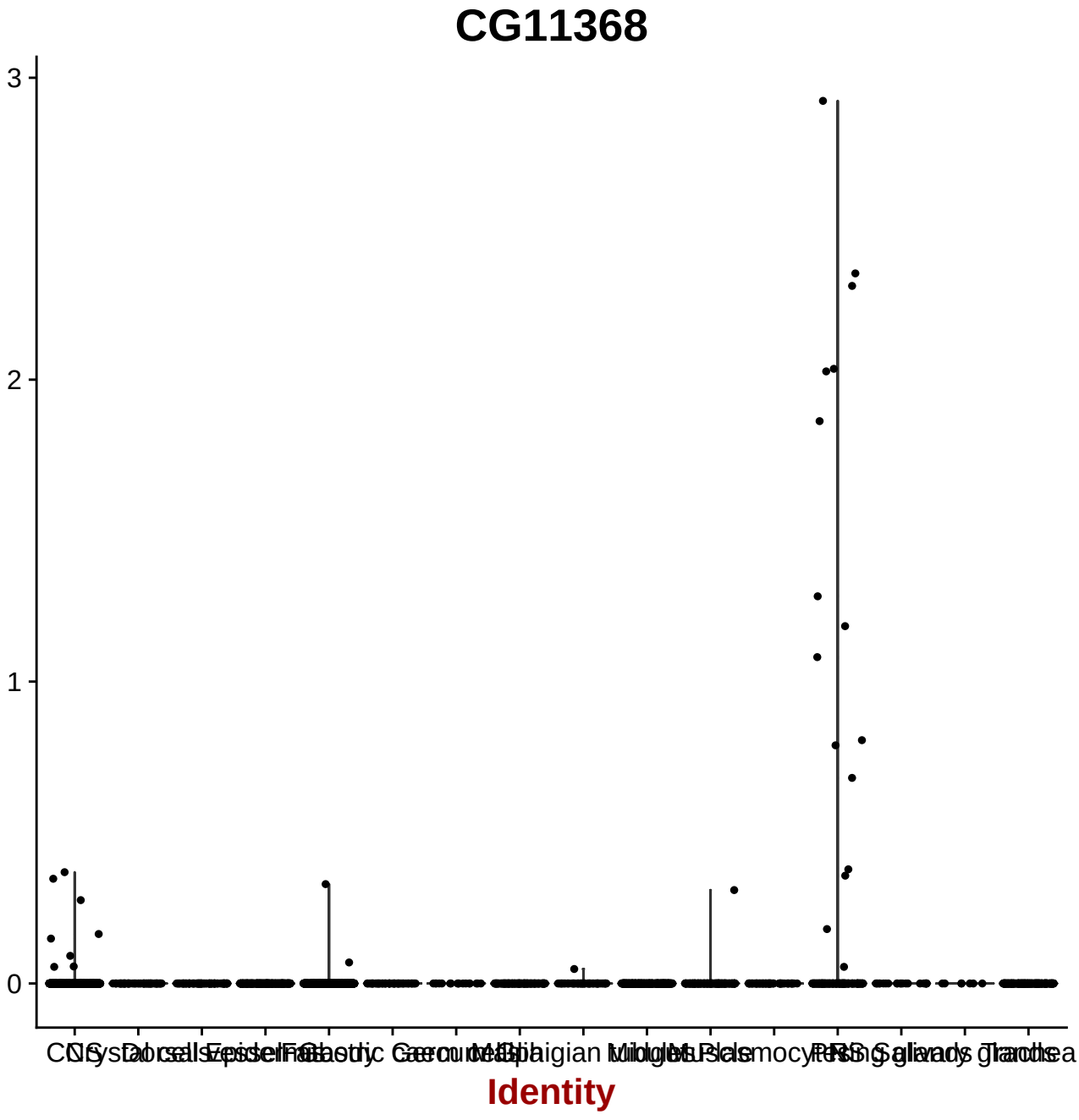
0.00
Identity


CG11368
3
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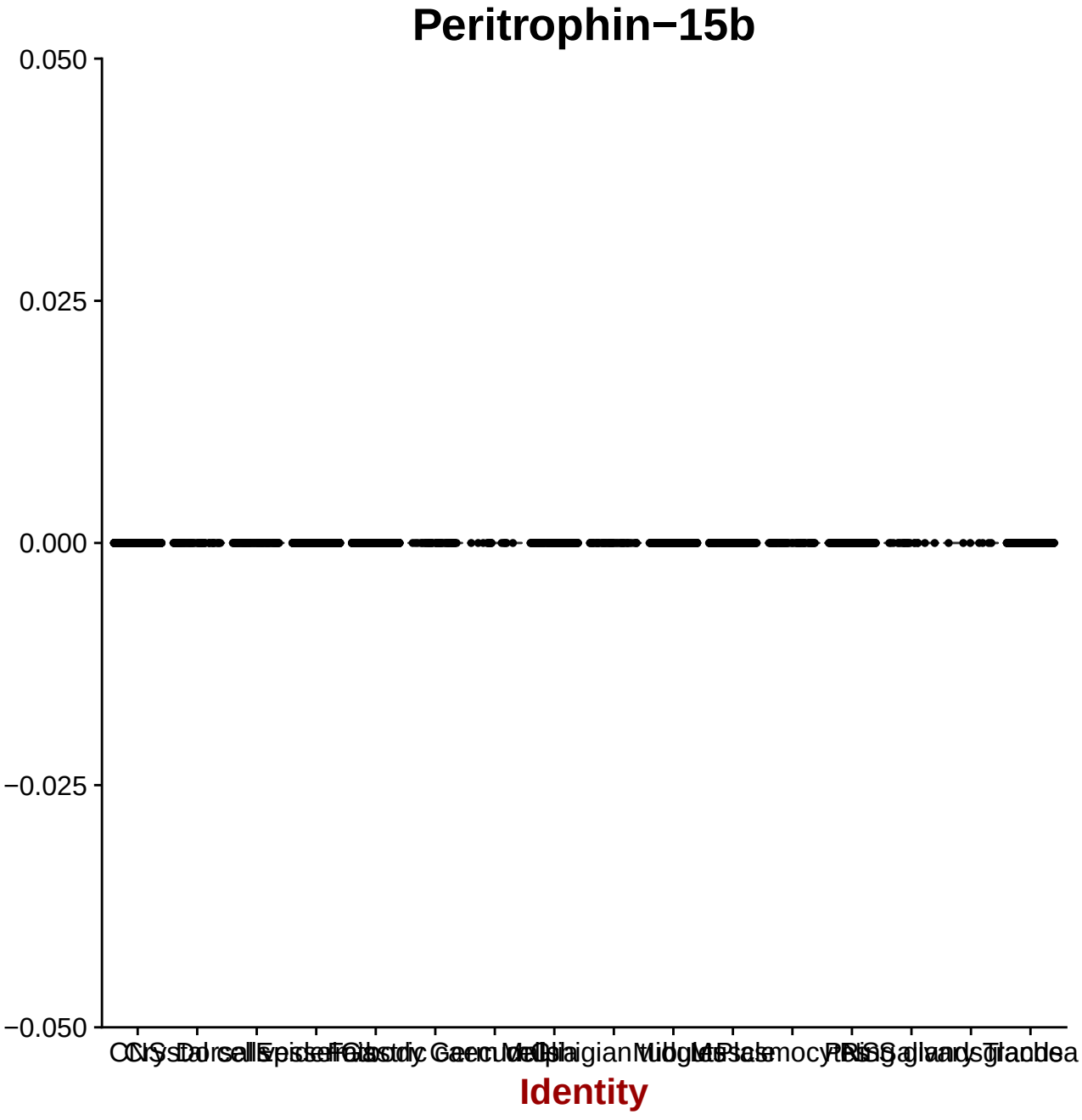
CNS
Dorsal Epidermis
Vessel
Hindgut
Malpighian
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


Peritrophin−15b
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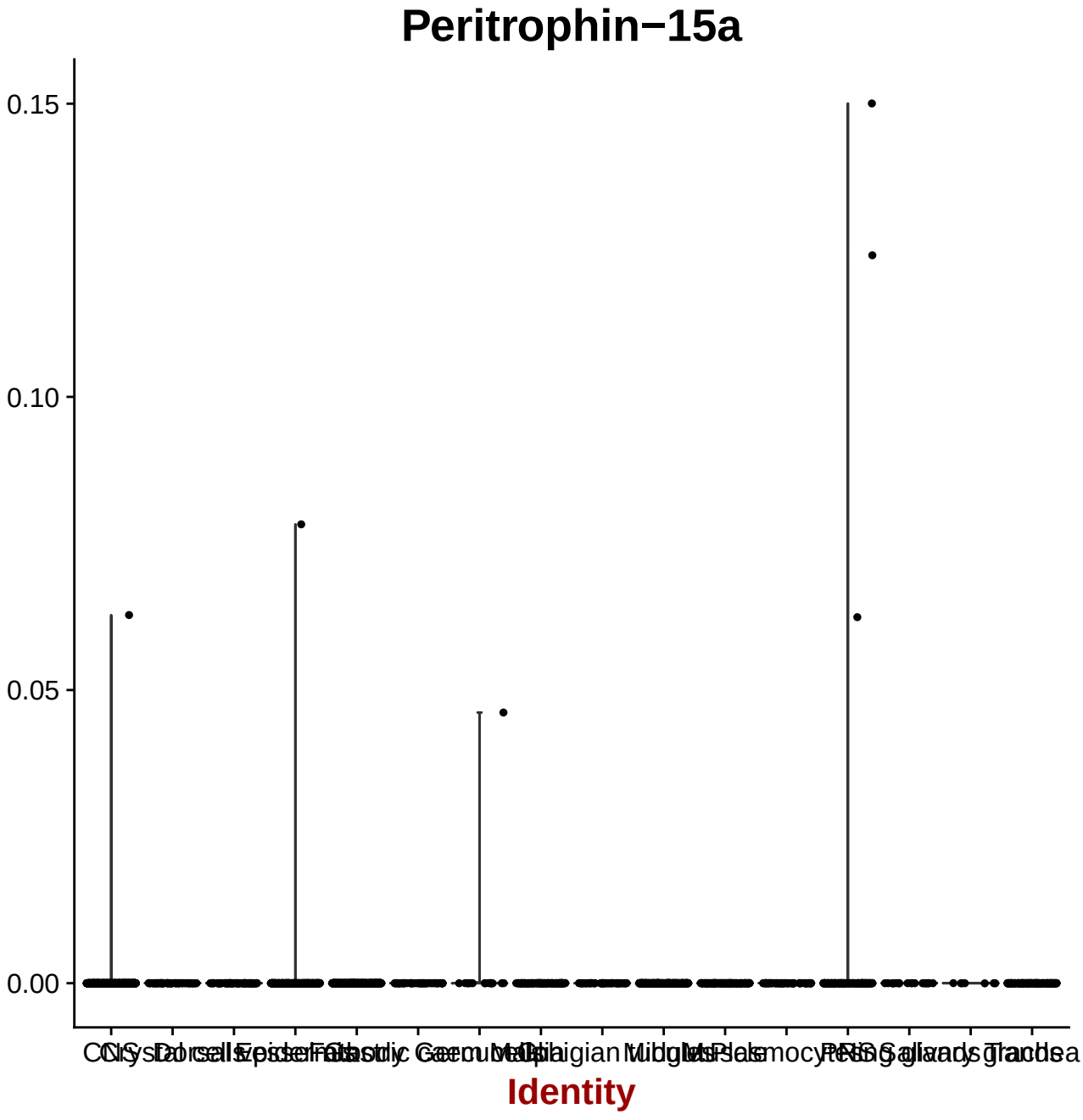
Identity


Peritrophin−15a
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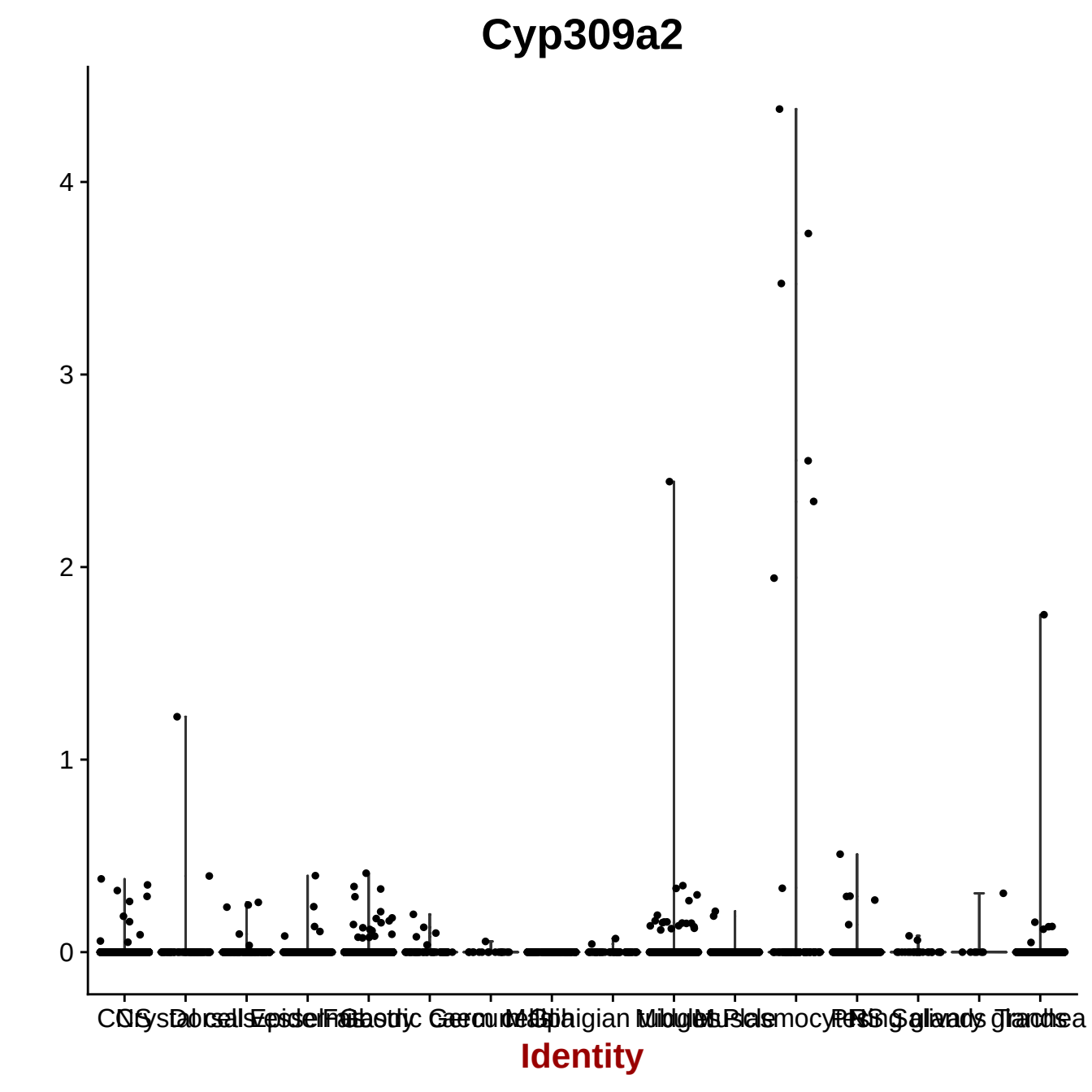
Cyp309a2
4
3
2
1
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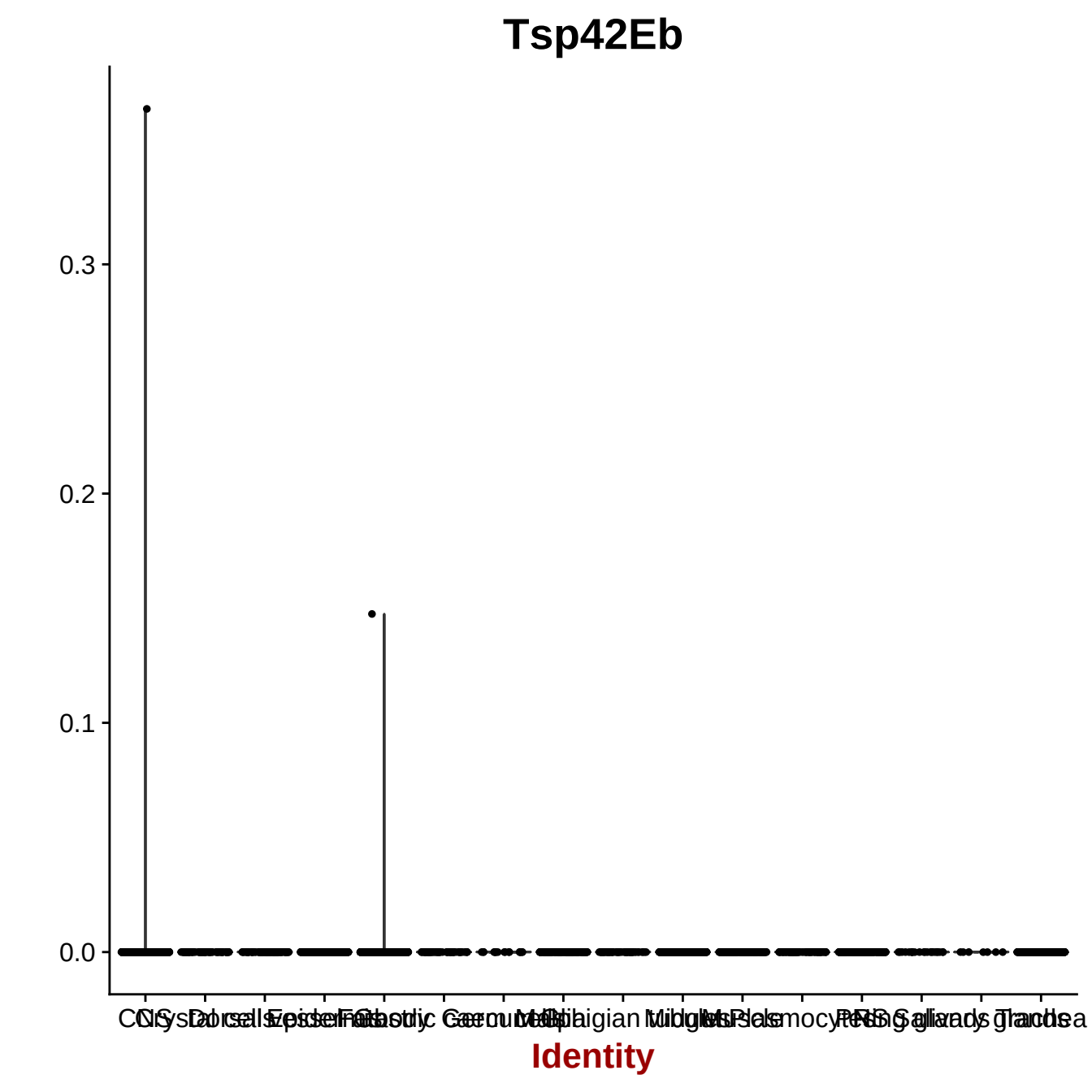
CNS
Dorsal epidermis
Epidermis
Gastric caecum
Malpighian tubules
Midgut
Plasmocytes
PRS
Salivary gland
Trachea
Identity


Tsp42Eb
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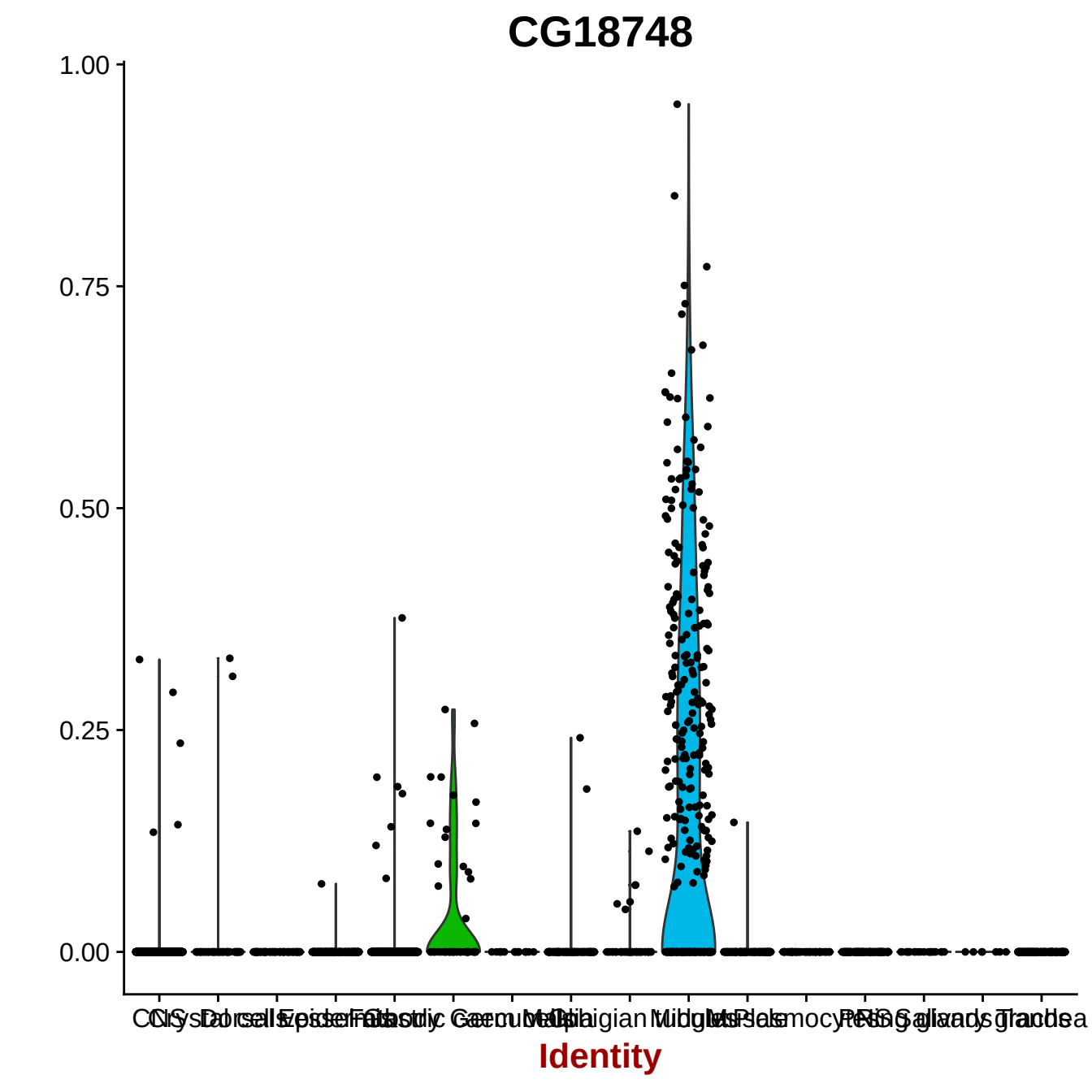
Identity


CG18748
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0.25
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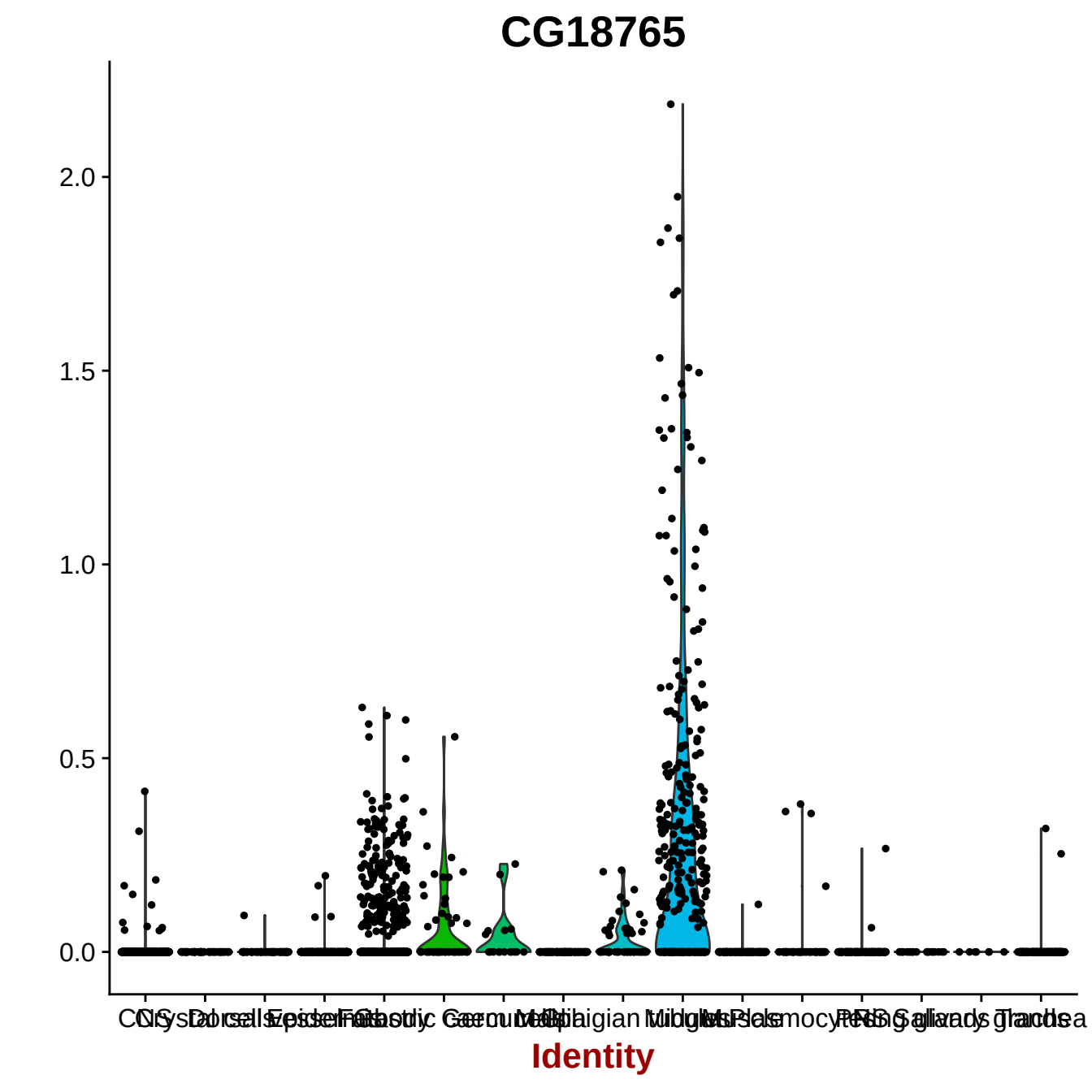
CNS
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Plasmatocytes
PER
Salivary gland
Trachea
Identity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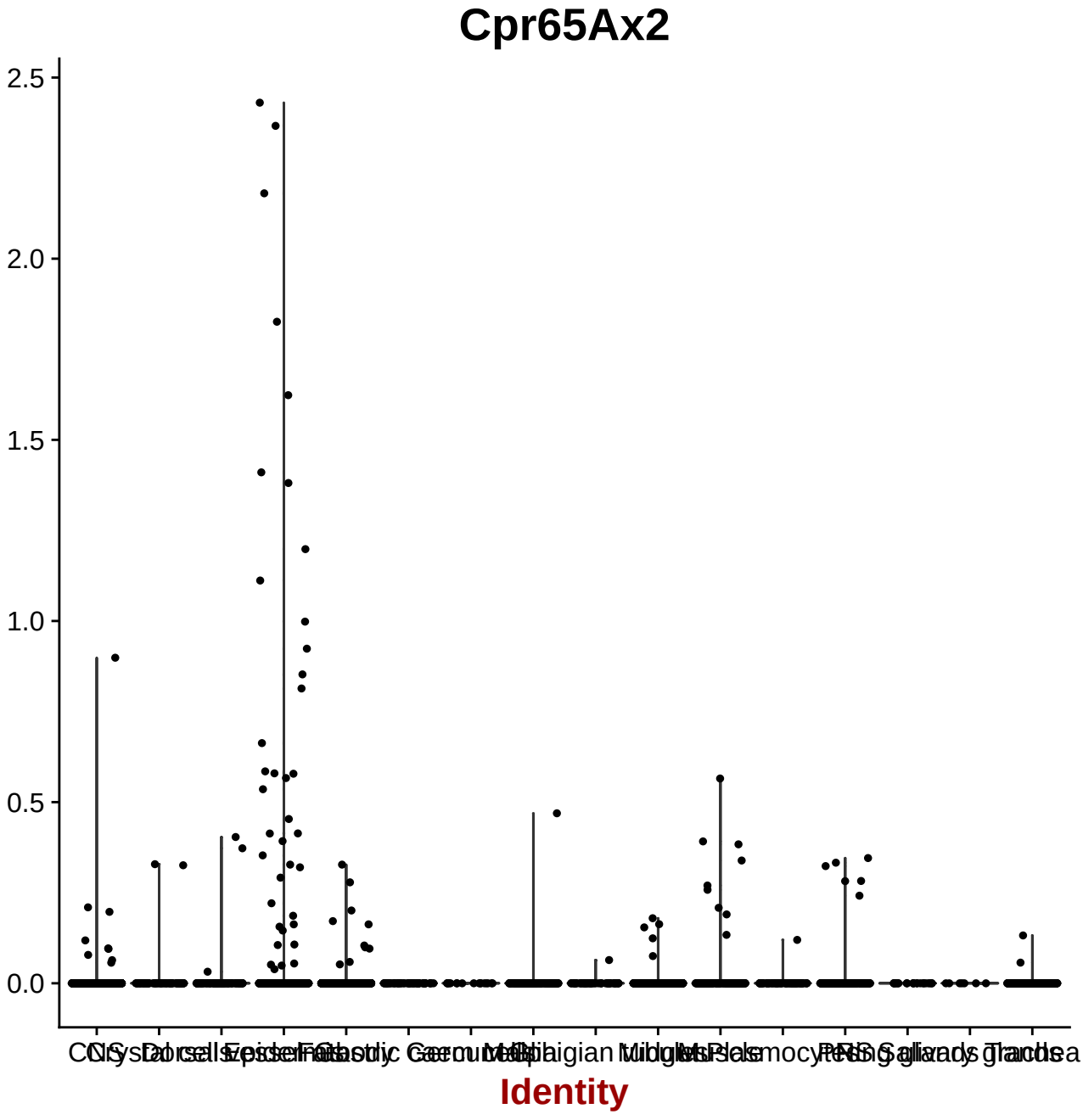
Identity


Cpr65Ax2
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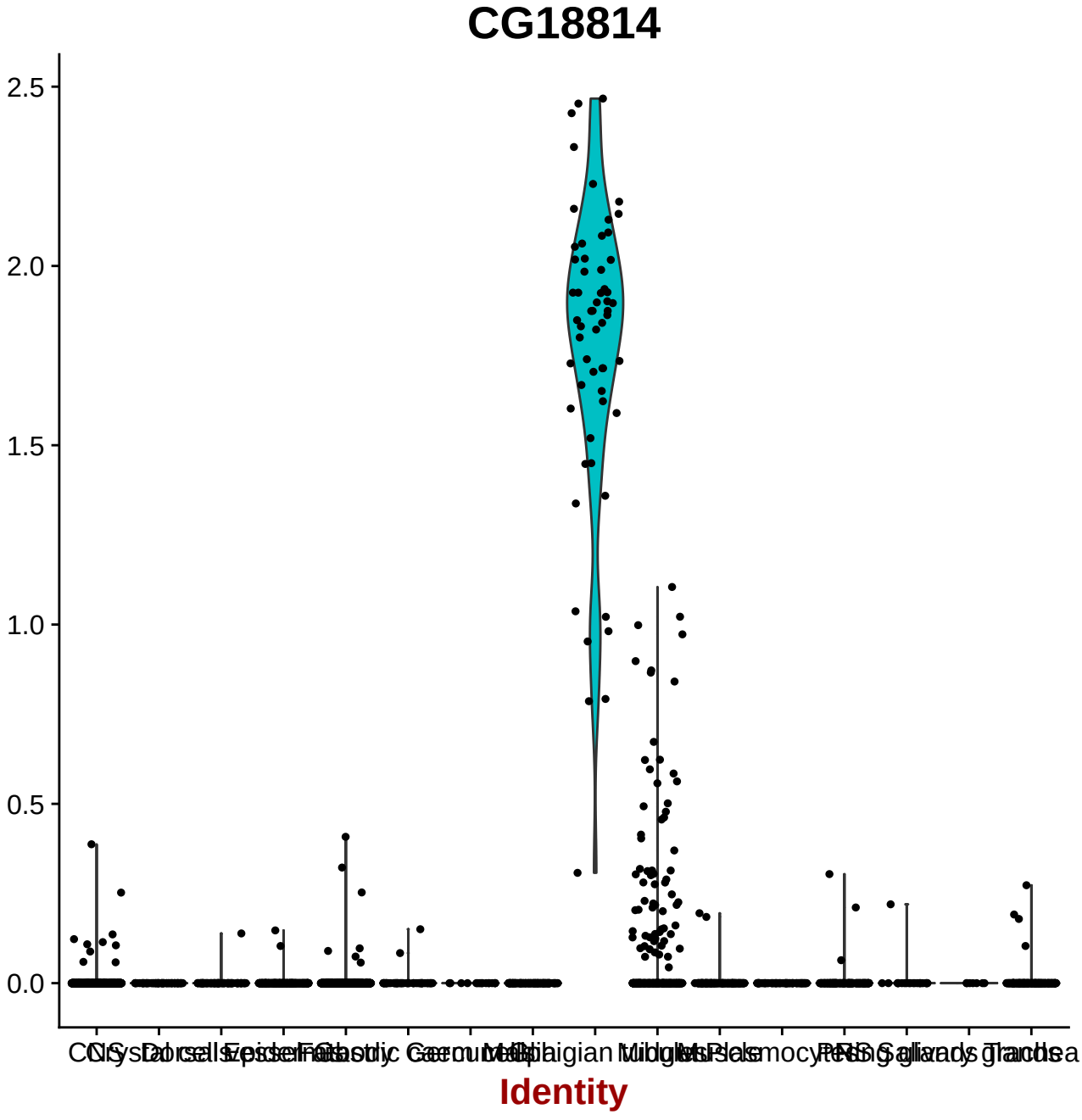
1.5
1.0
0.5
0.0
Identity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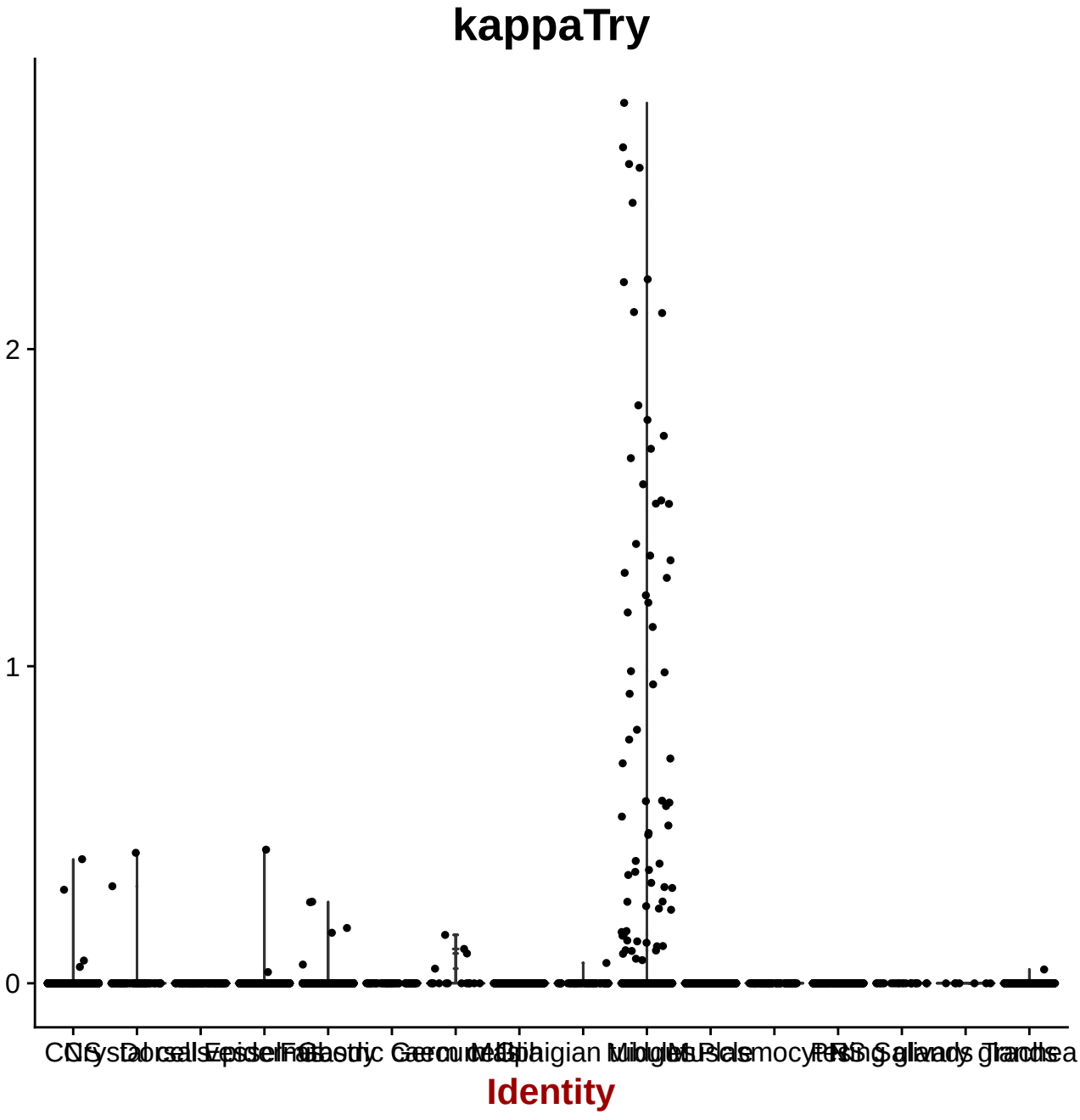
2.5
2.0
1.5
1.0
0.5
0.0
Identity


kappaTry
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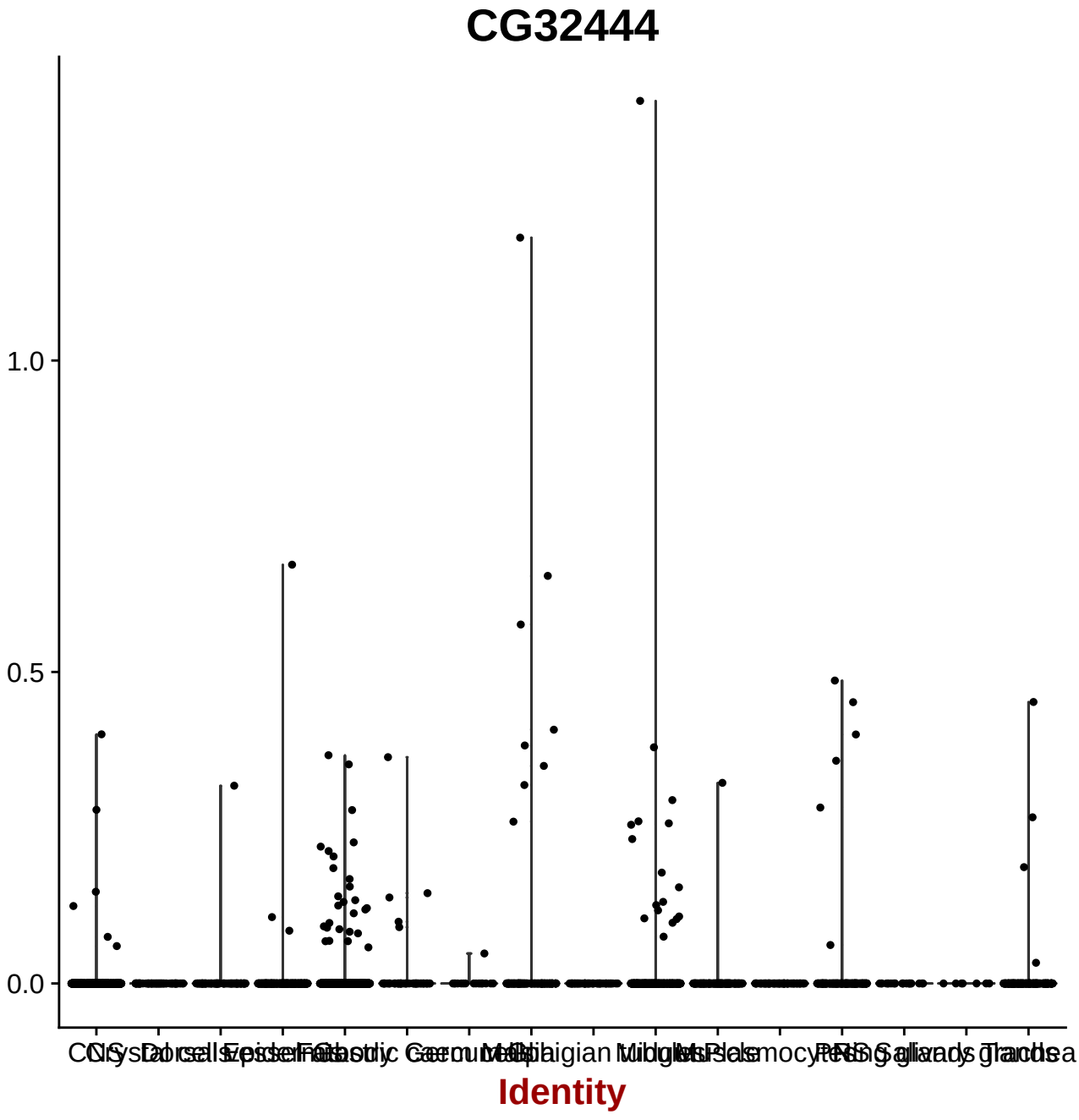
CNS
Dorsal root ganglion
Vessel
Enteric
Caecum
Epithelial
Mononuclear phagocytes
PNS
Salivary gland
Trachea
Identity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0.5
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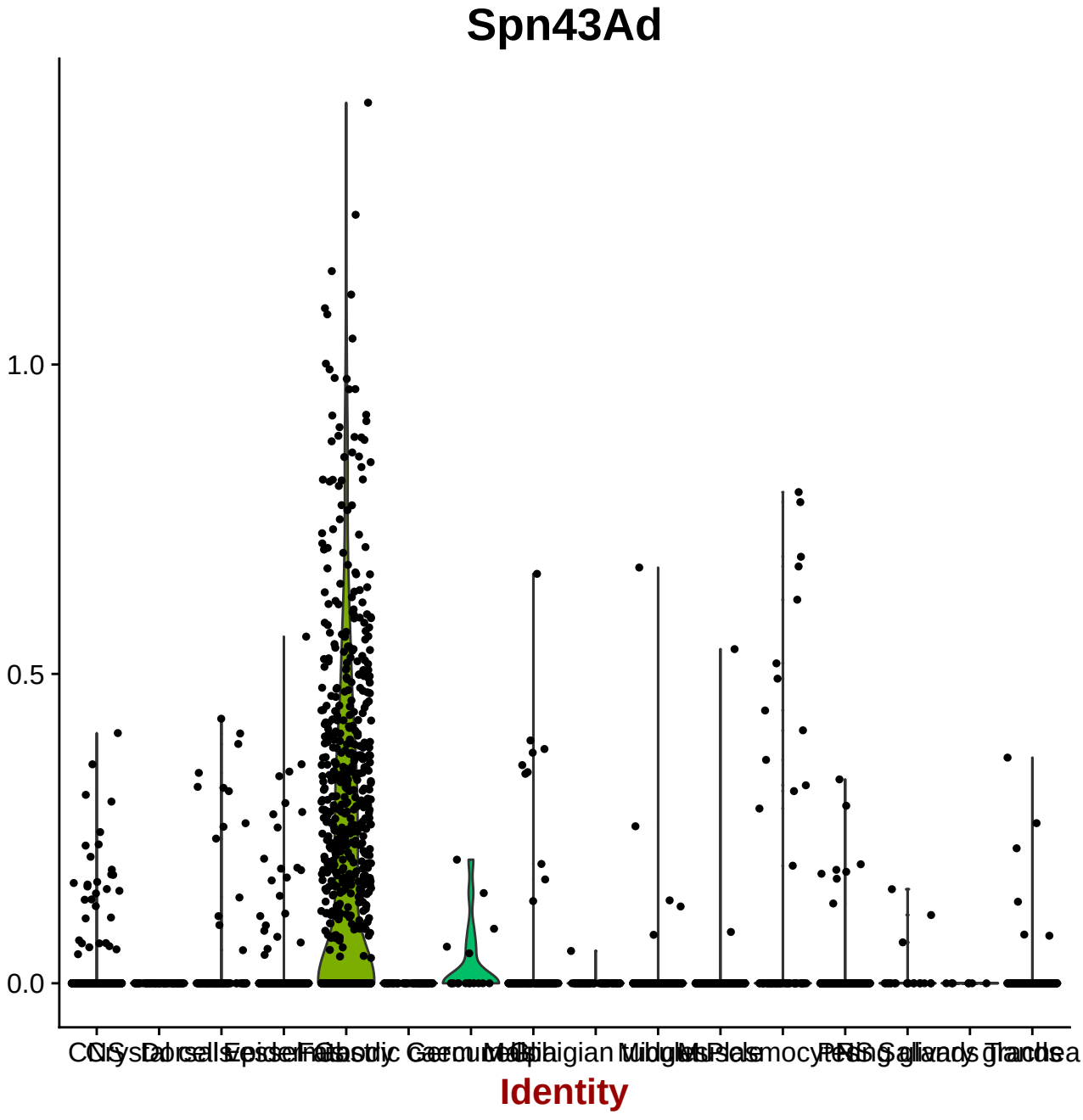
Identity


Spn43Ad
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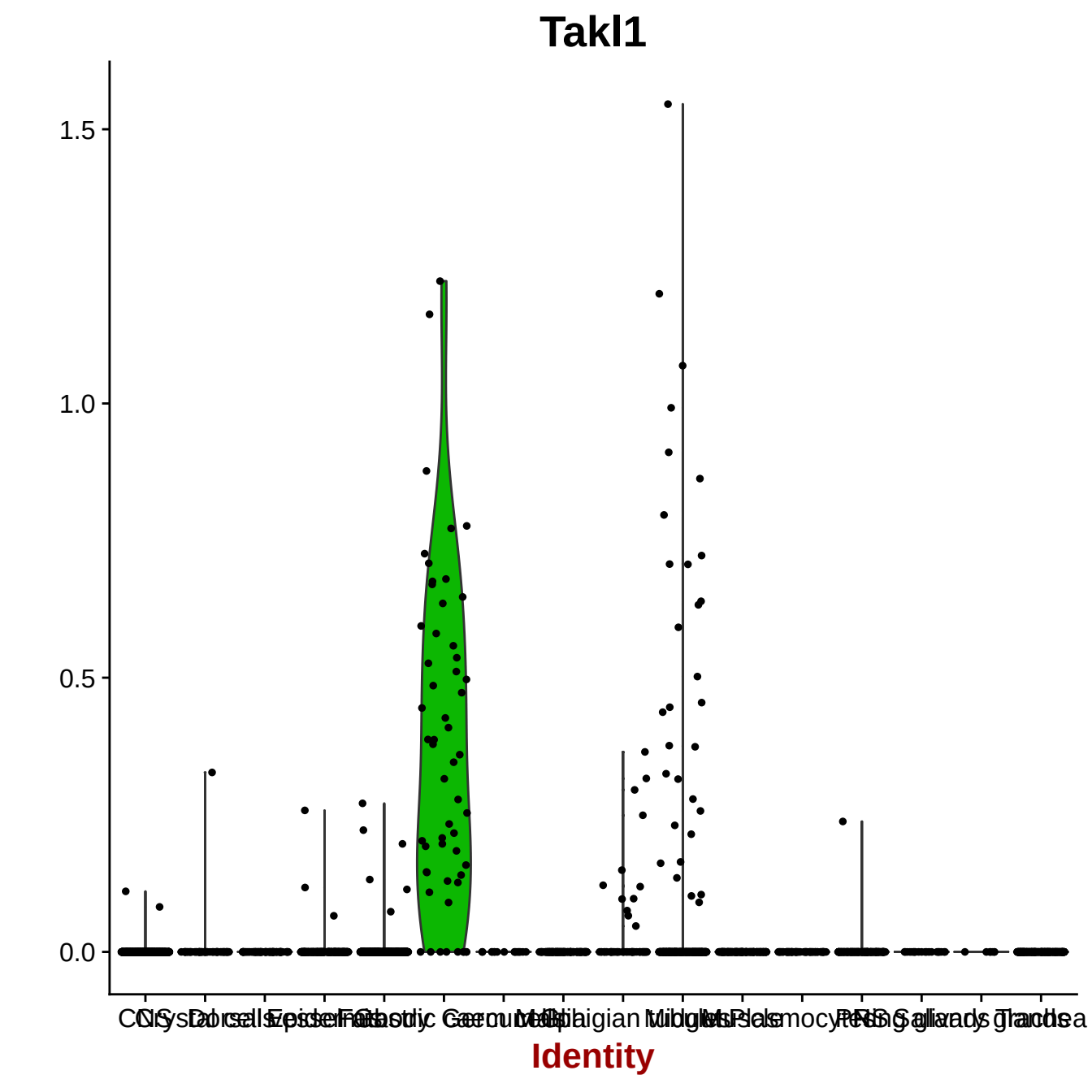
CNS
Dorsal
Epidermis
Foregut
Gastric
Germline
Malpighian
Midgut
Muscle
Oenocytes
PNS
Salivary
Trachea
Identity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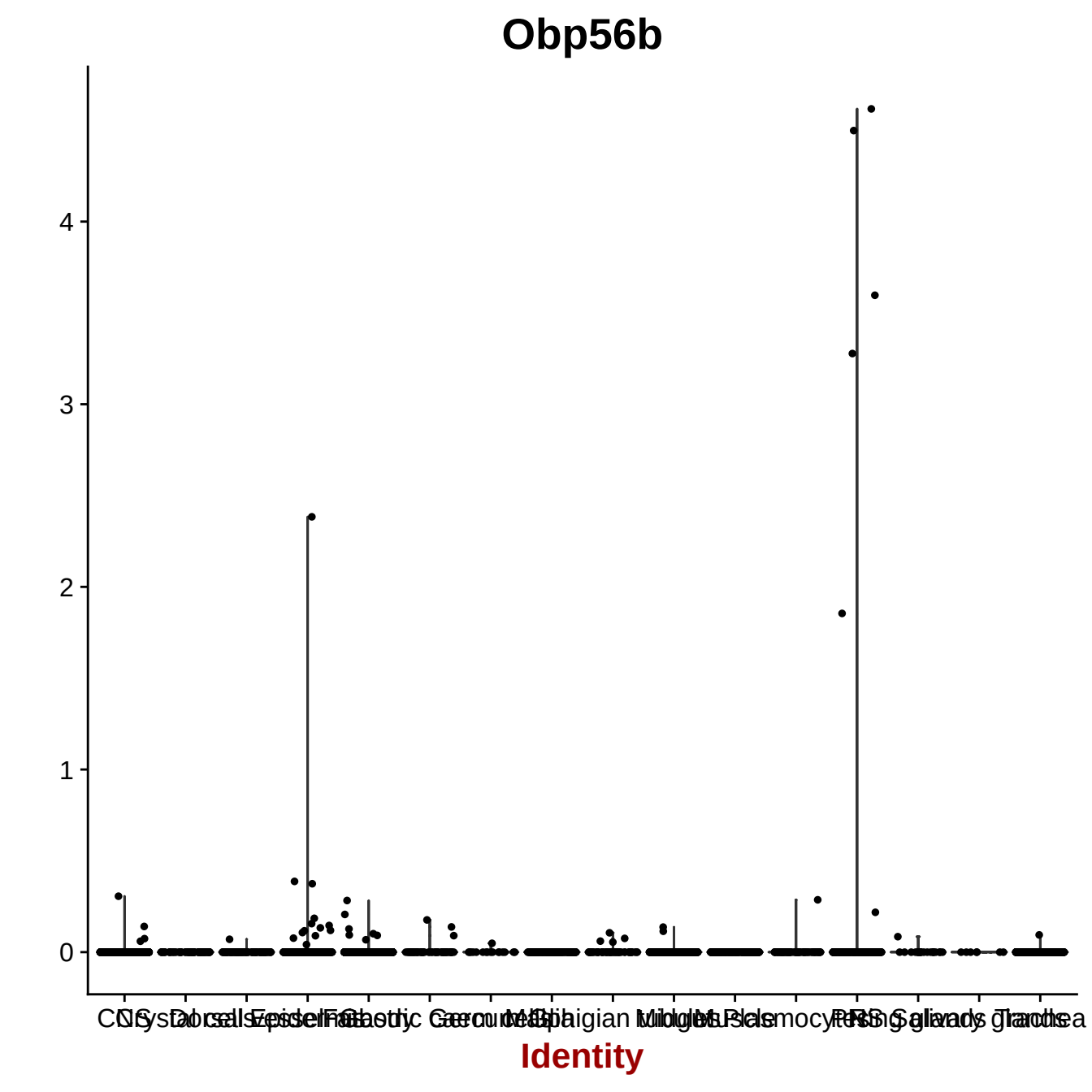
Obp56b
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2
1
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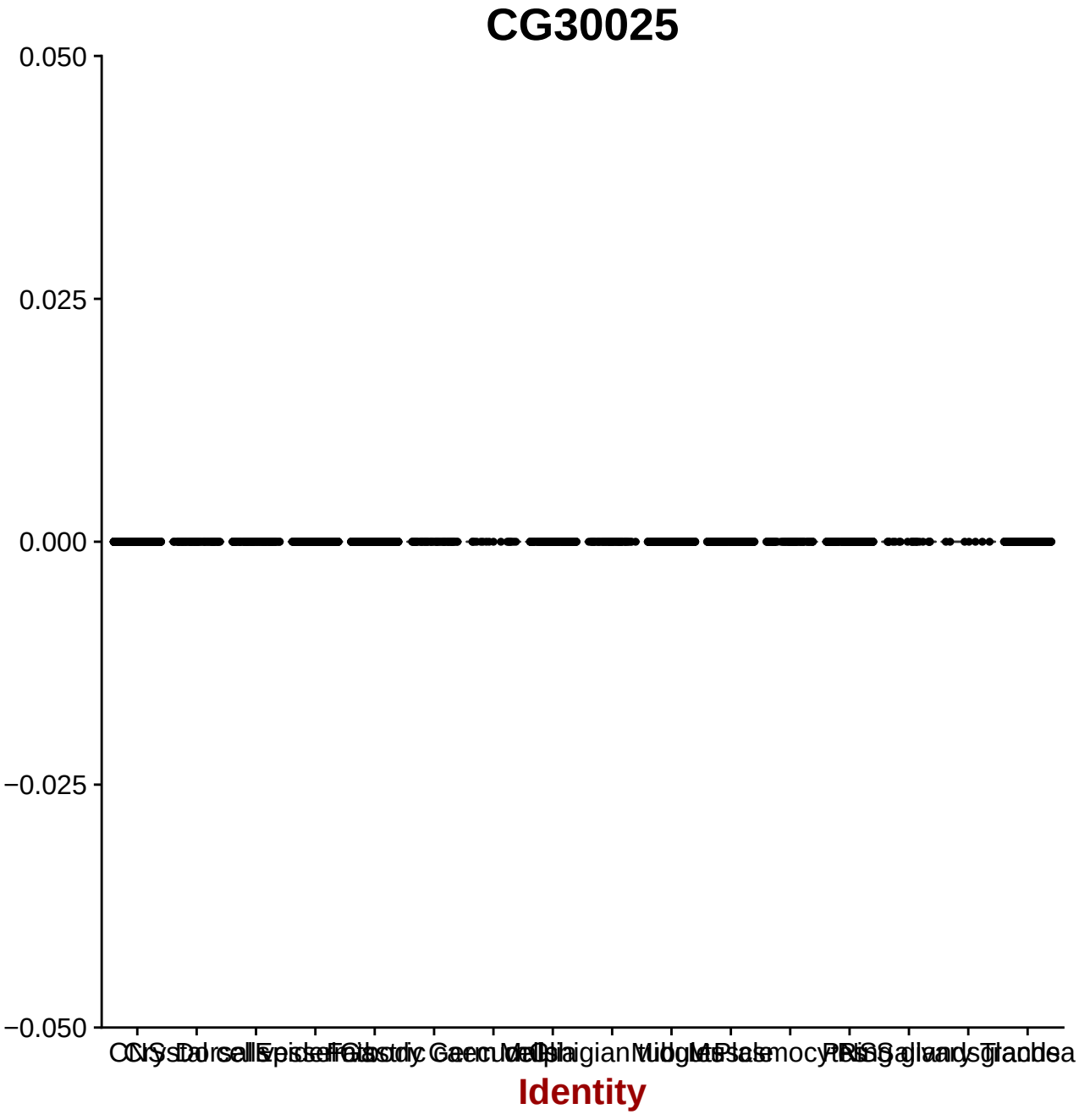
CNS
Dorsal epidermis
Esophagus
Gastric caecum
Malpighian tubules
Midgut
Muscle
Hemocytes
PRS
Salivary gland
Trachea
Identity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0.025
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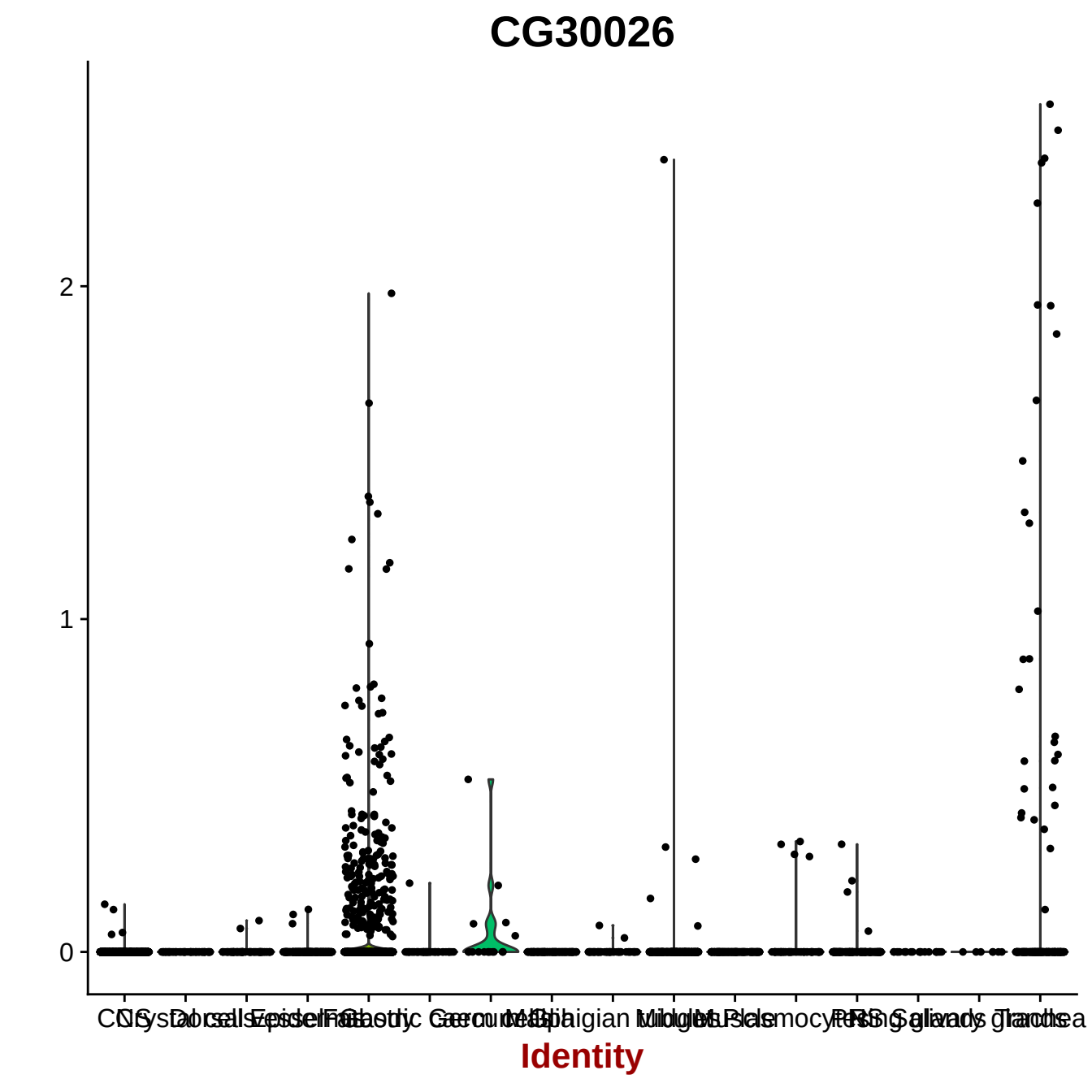
Identity


CG30026
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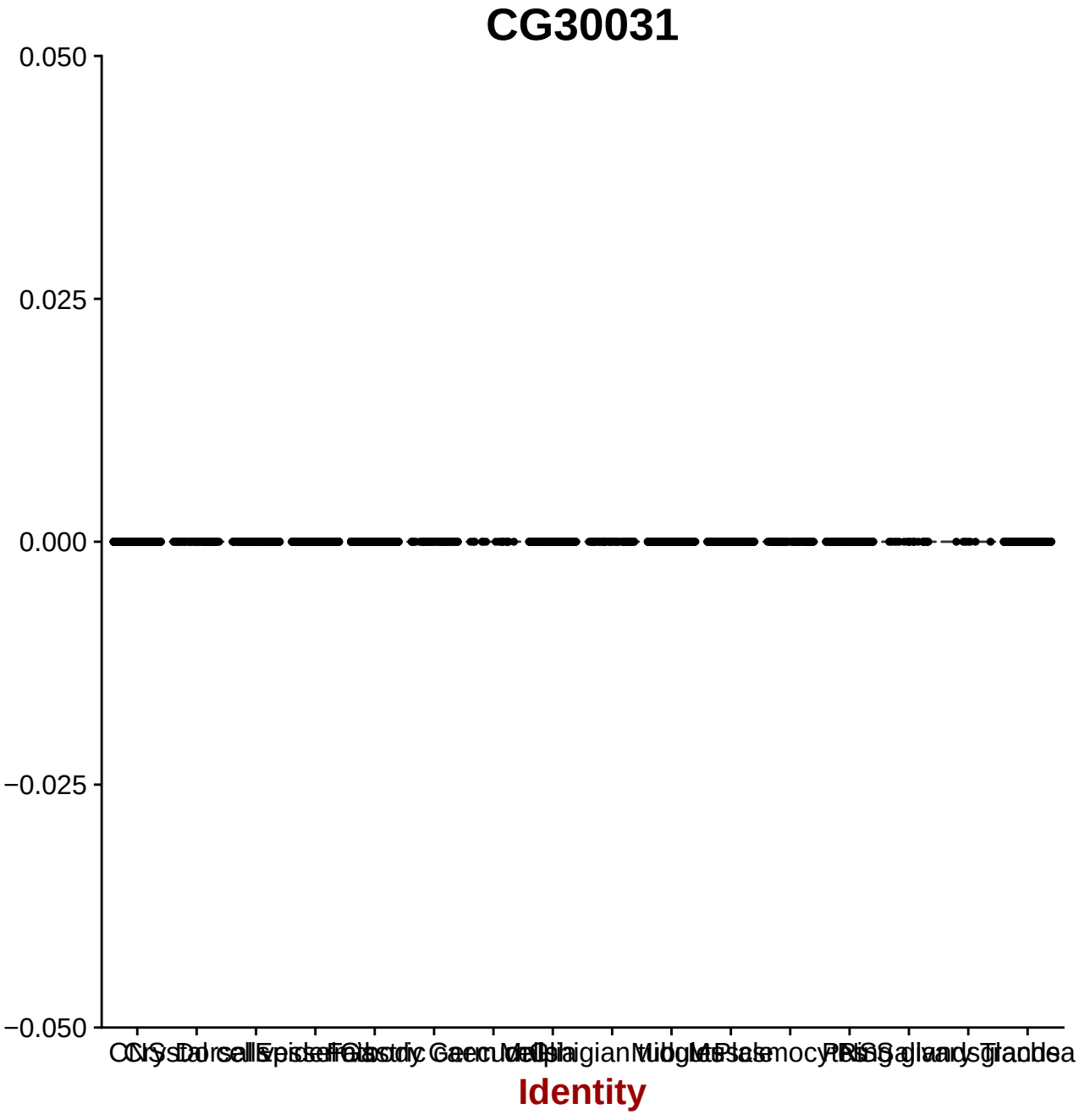
CNS
Dorsal epidermis
Vessel
Elastic
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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0.025
0.000
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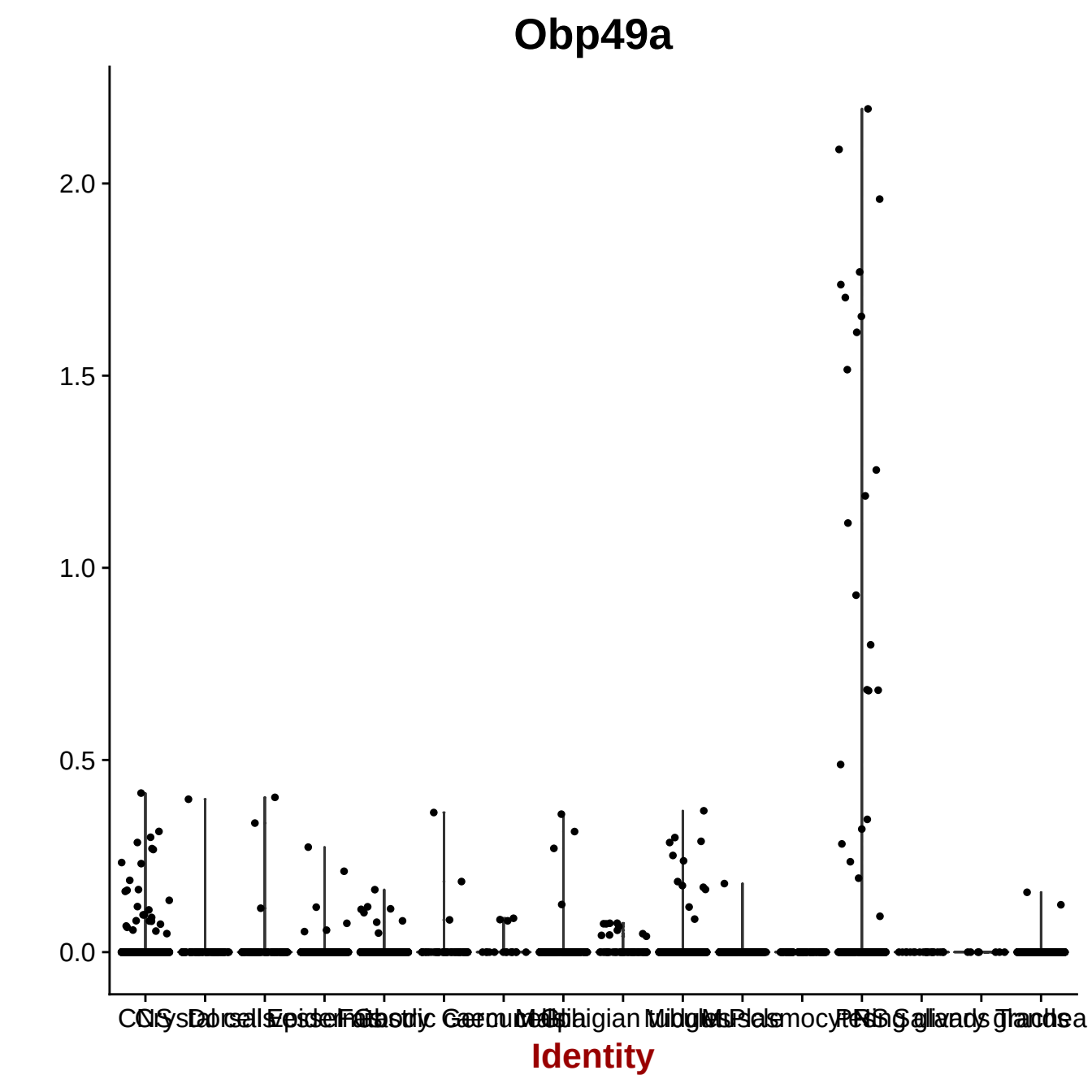
Identity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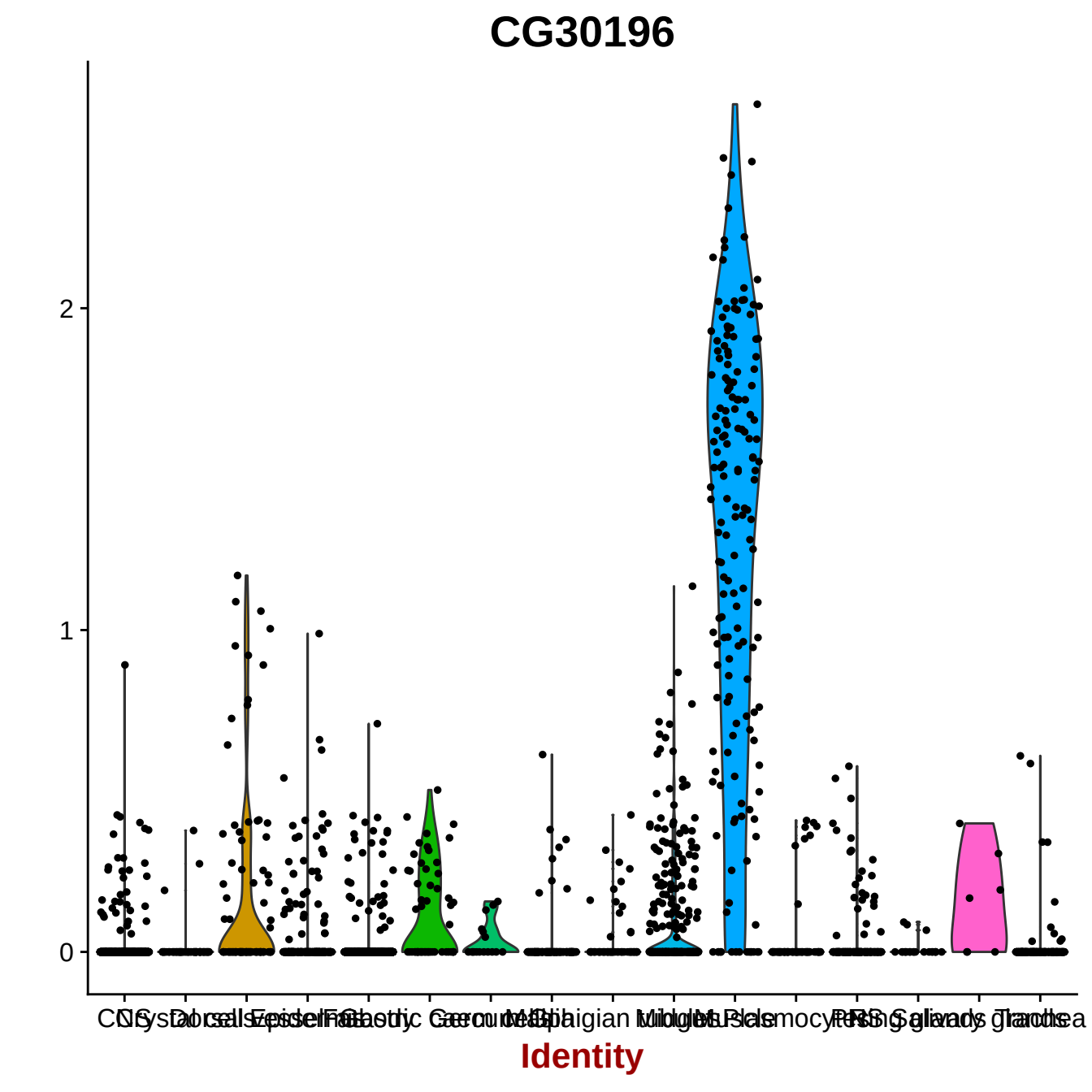
Identity


CG30196
2
1
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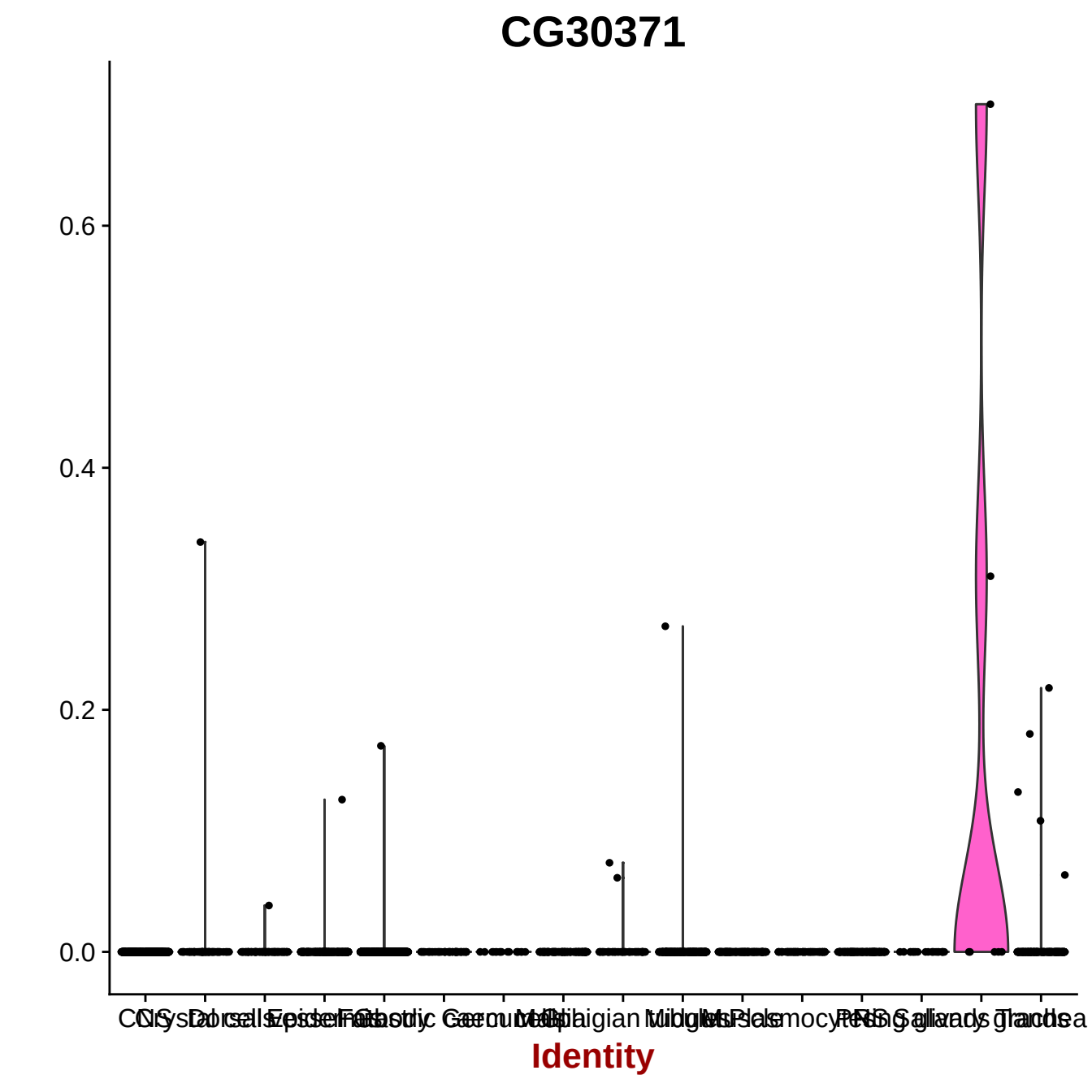
CNS
Dorsal epidermis
Epidermis
Elastic
Germ cells
Malpighian tubules
Midgut
Hemocytes
PRS
Salivary gland
Trachea
Identity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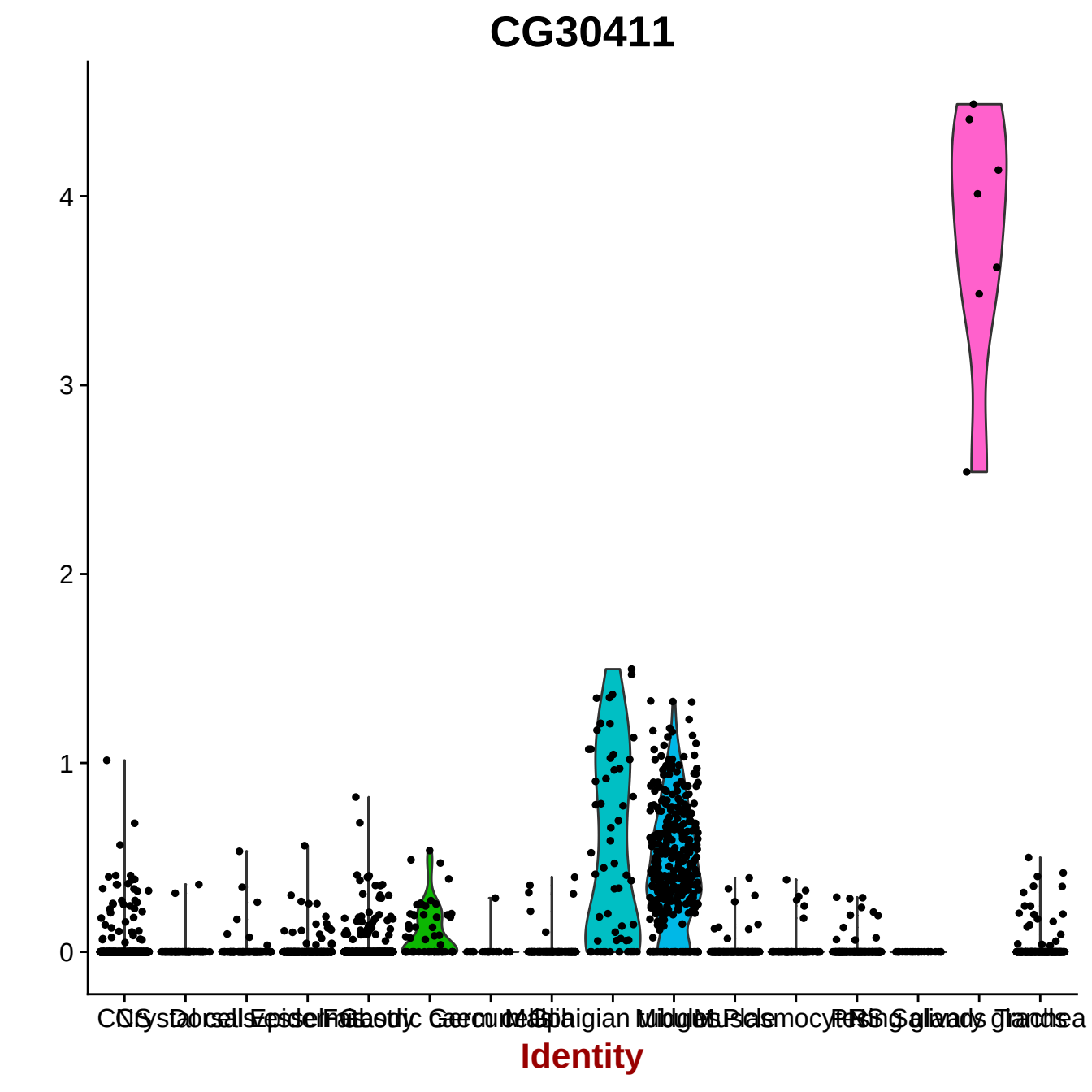
Identity


CG30411
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3
2
1
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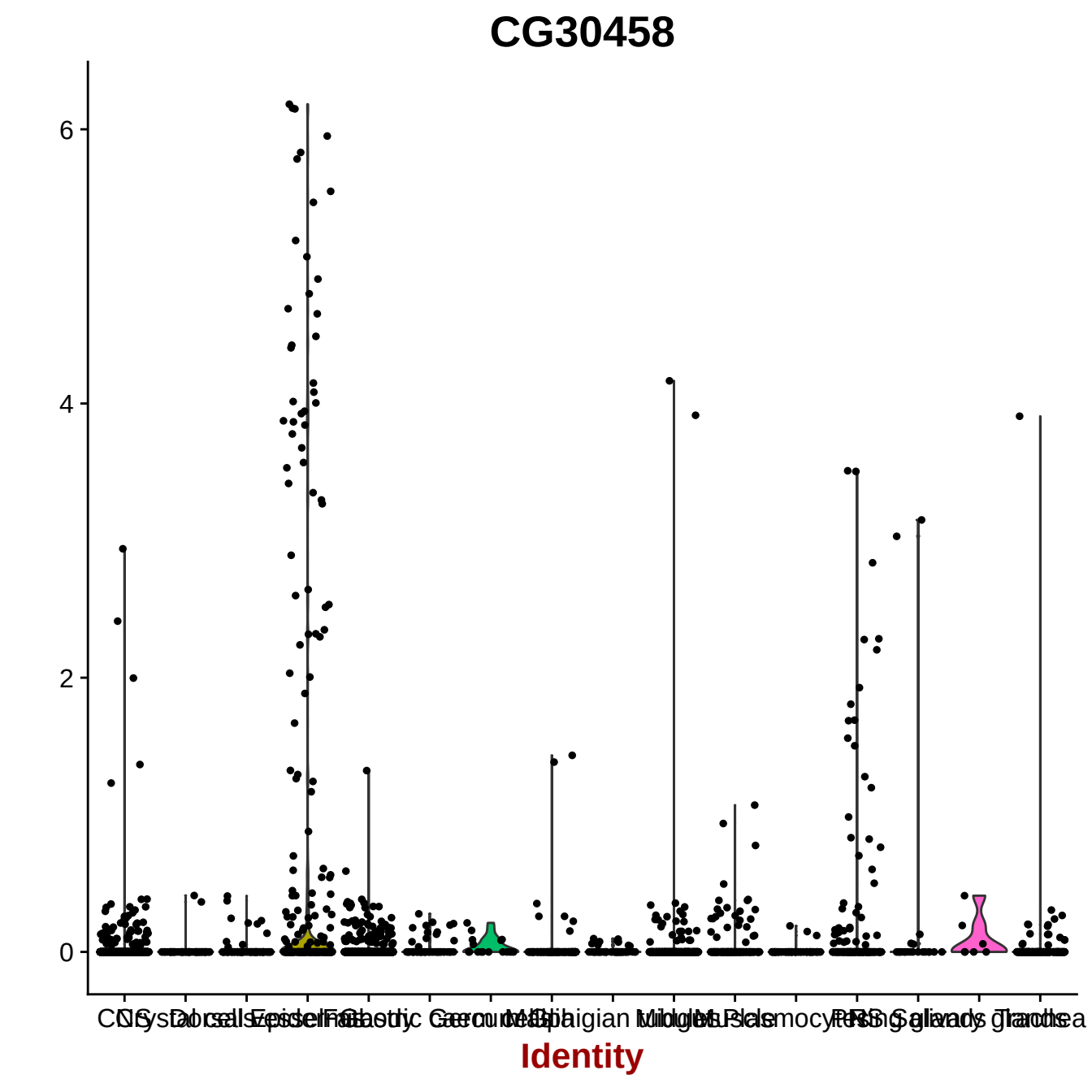
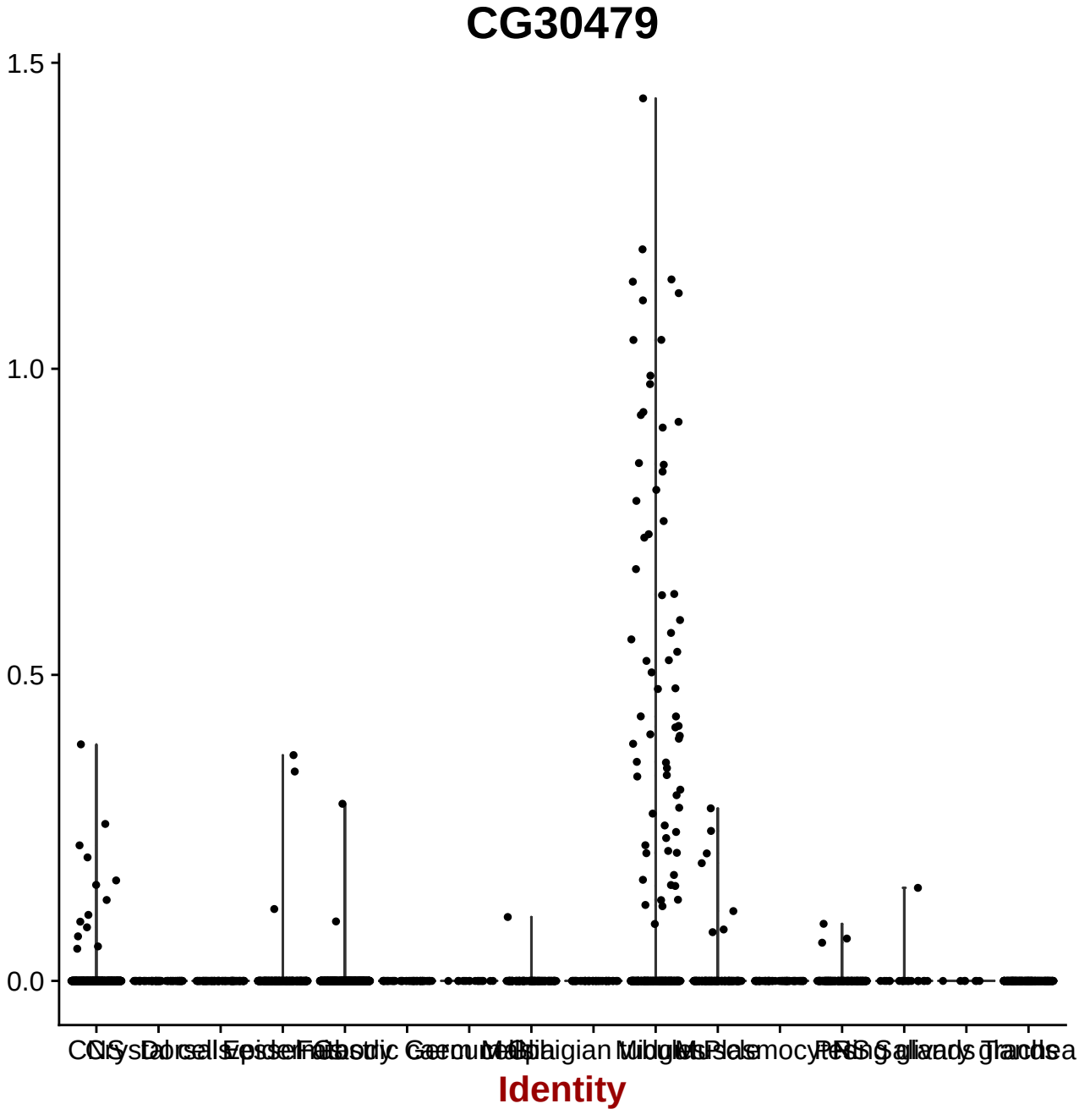
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity


CG30458
6
4
2
0
CNS
Dorsal epidermis
Crystal cells
Fat body
Gastric caecum
Malpighian tubules
Midgut
Muscles
Hemocytes
PNS
Salivary gland
Trachea
Identity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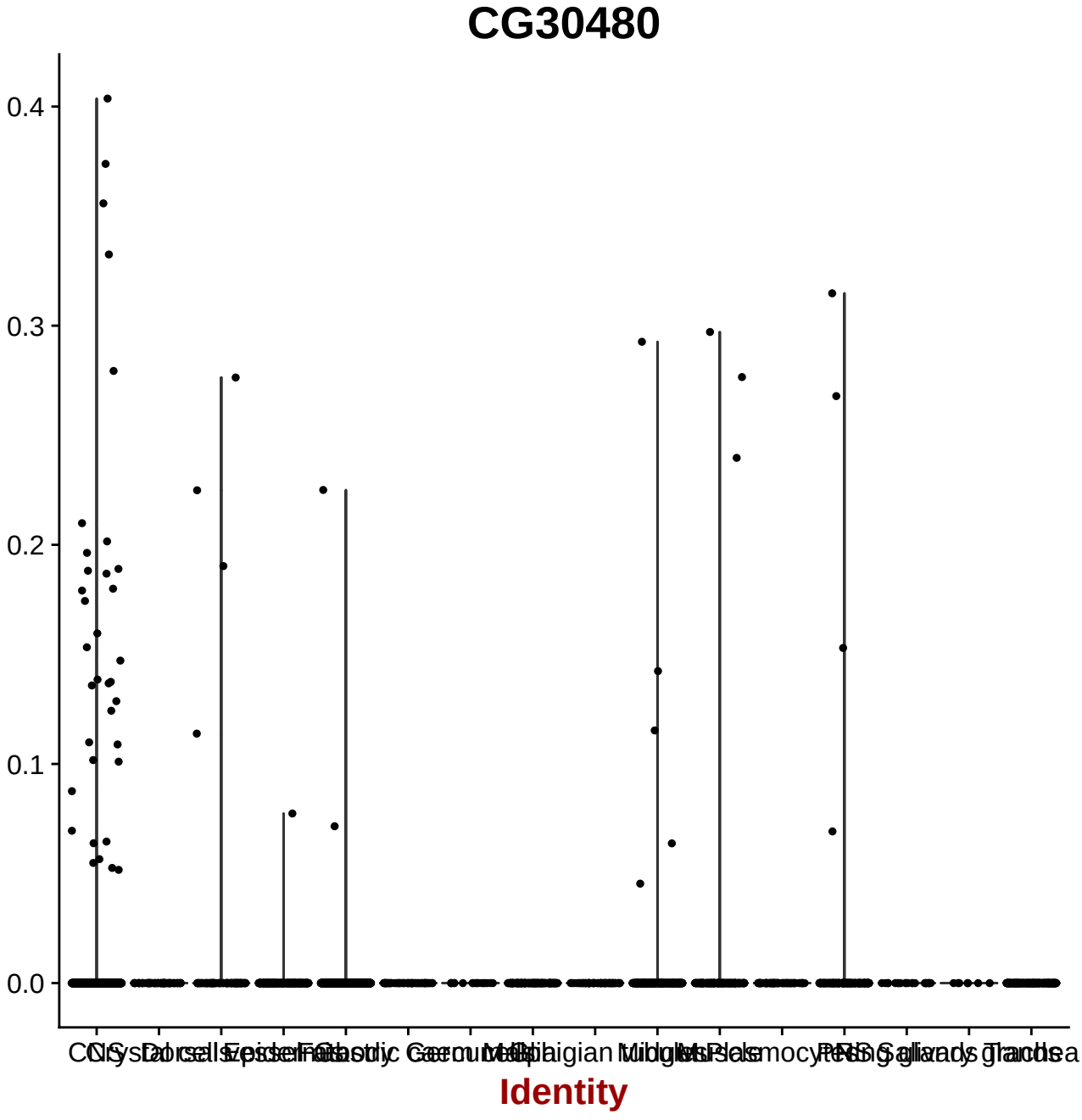
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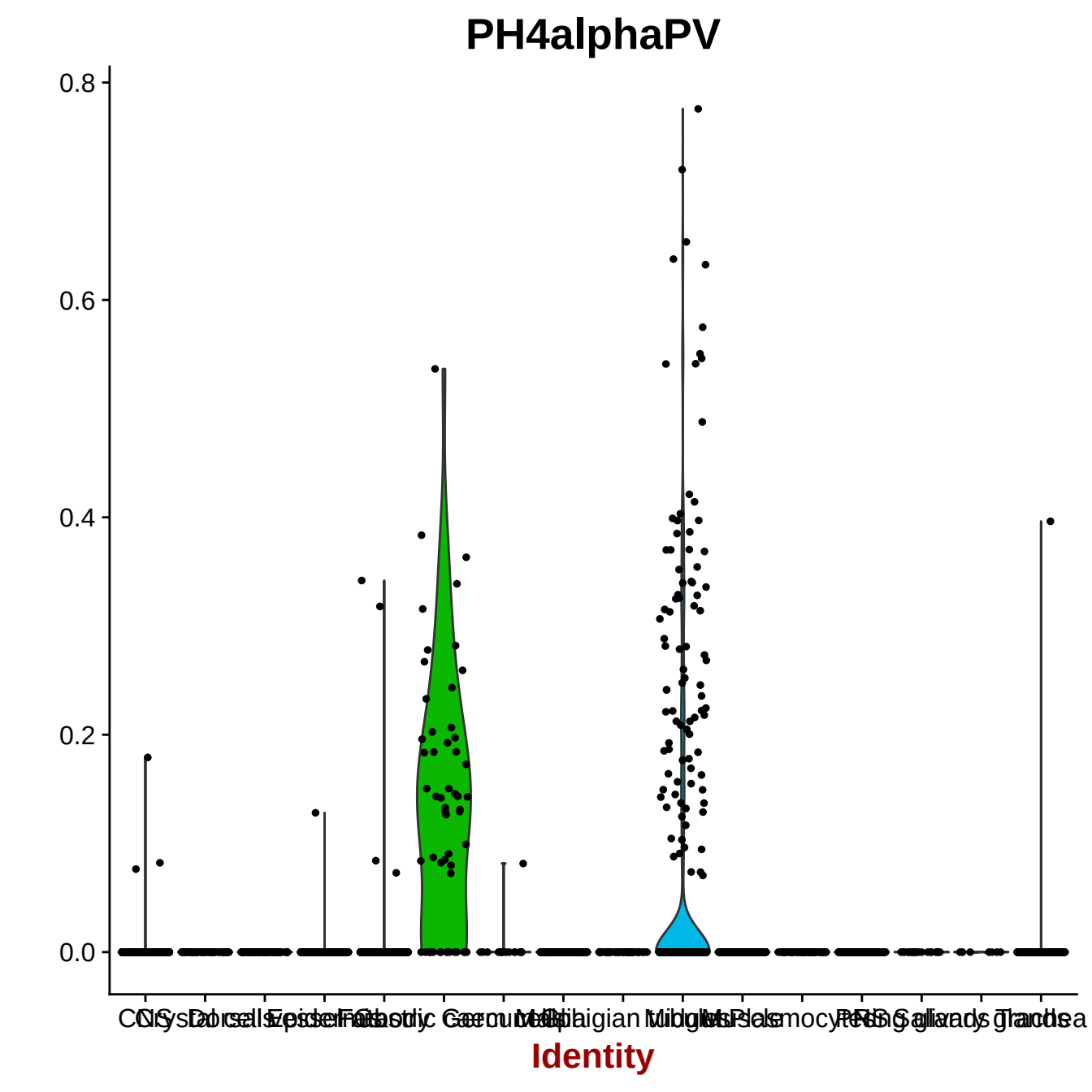
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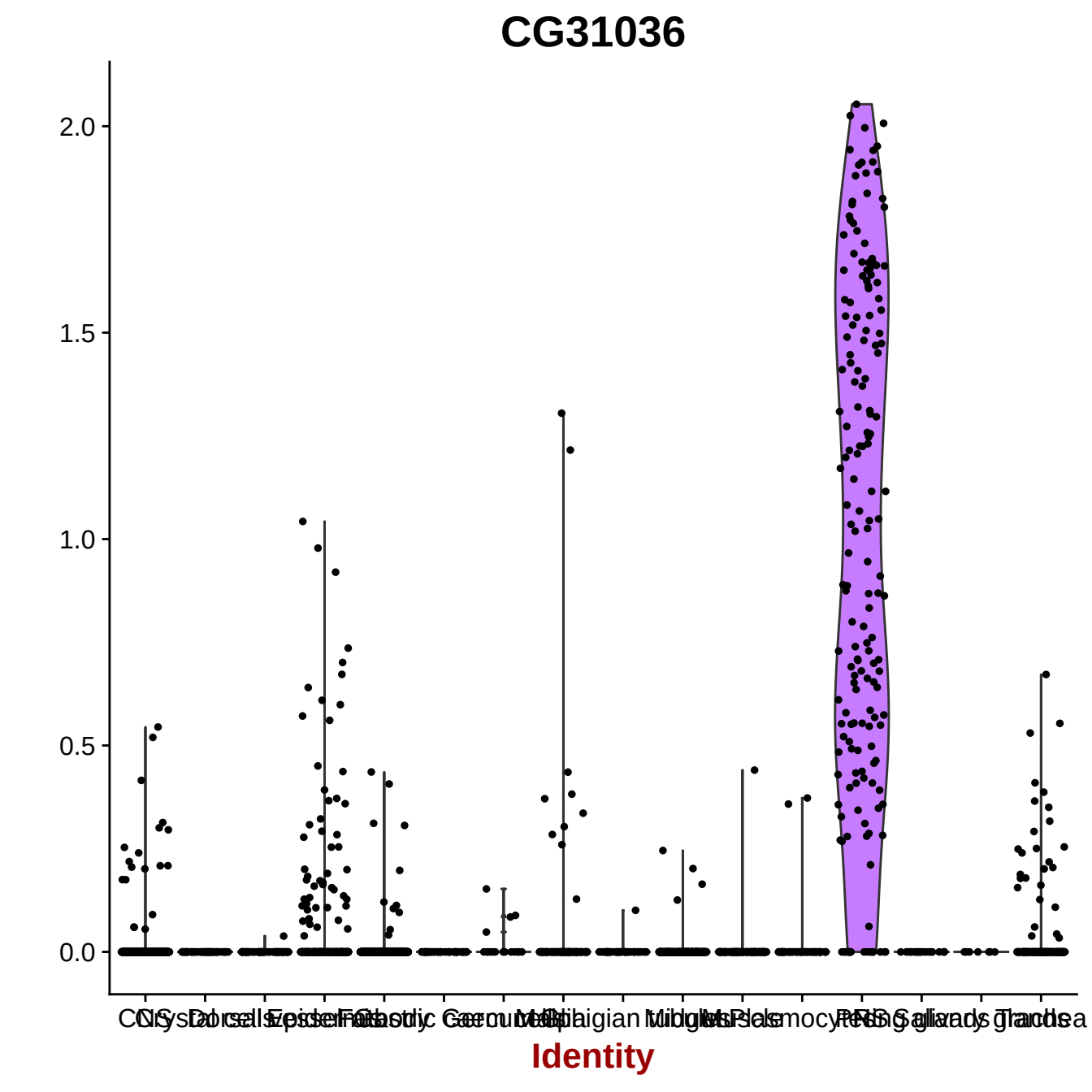
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1.5
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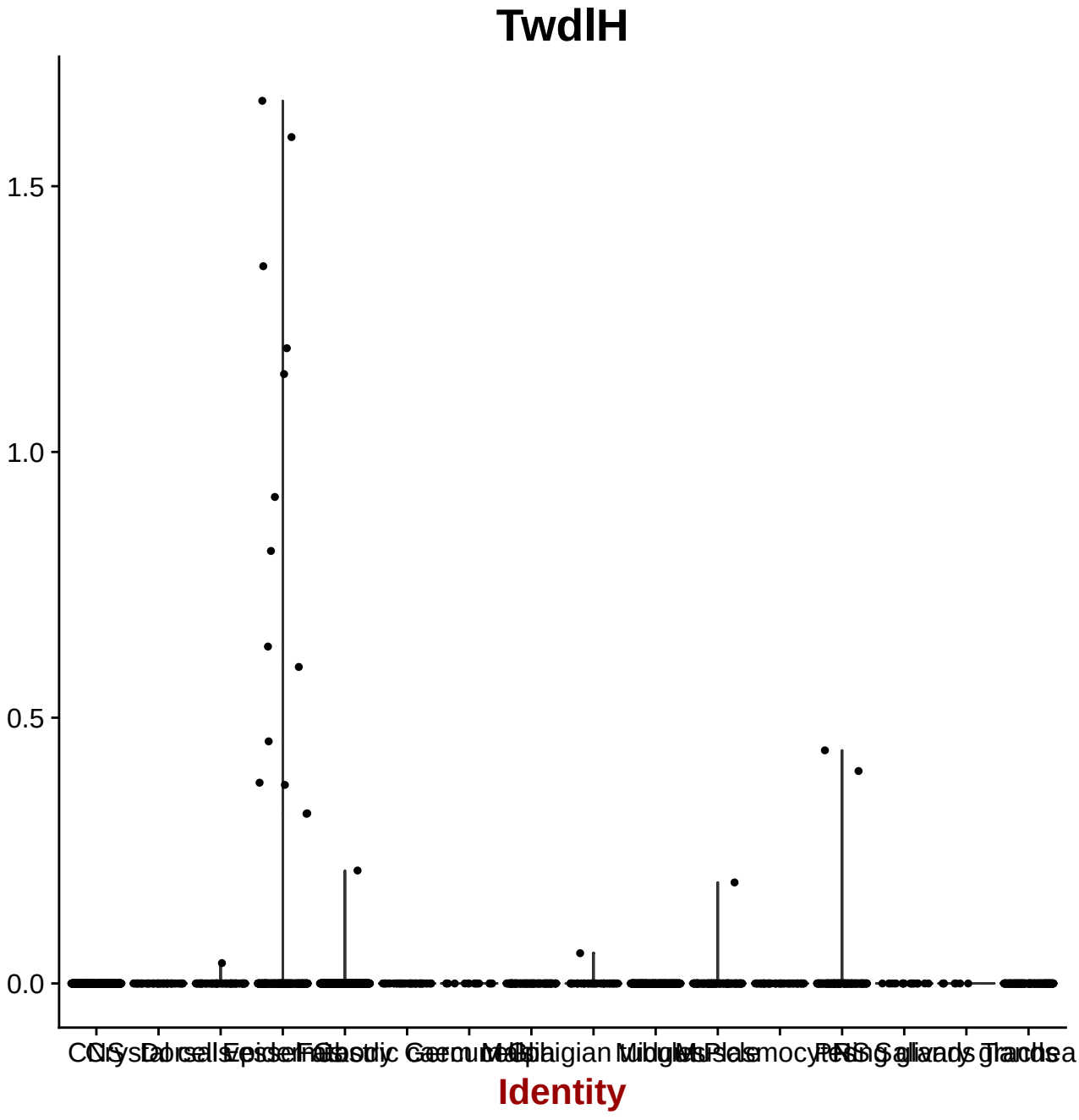
Identity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1.5
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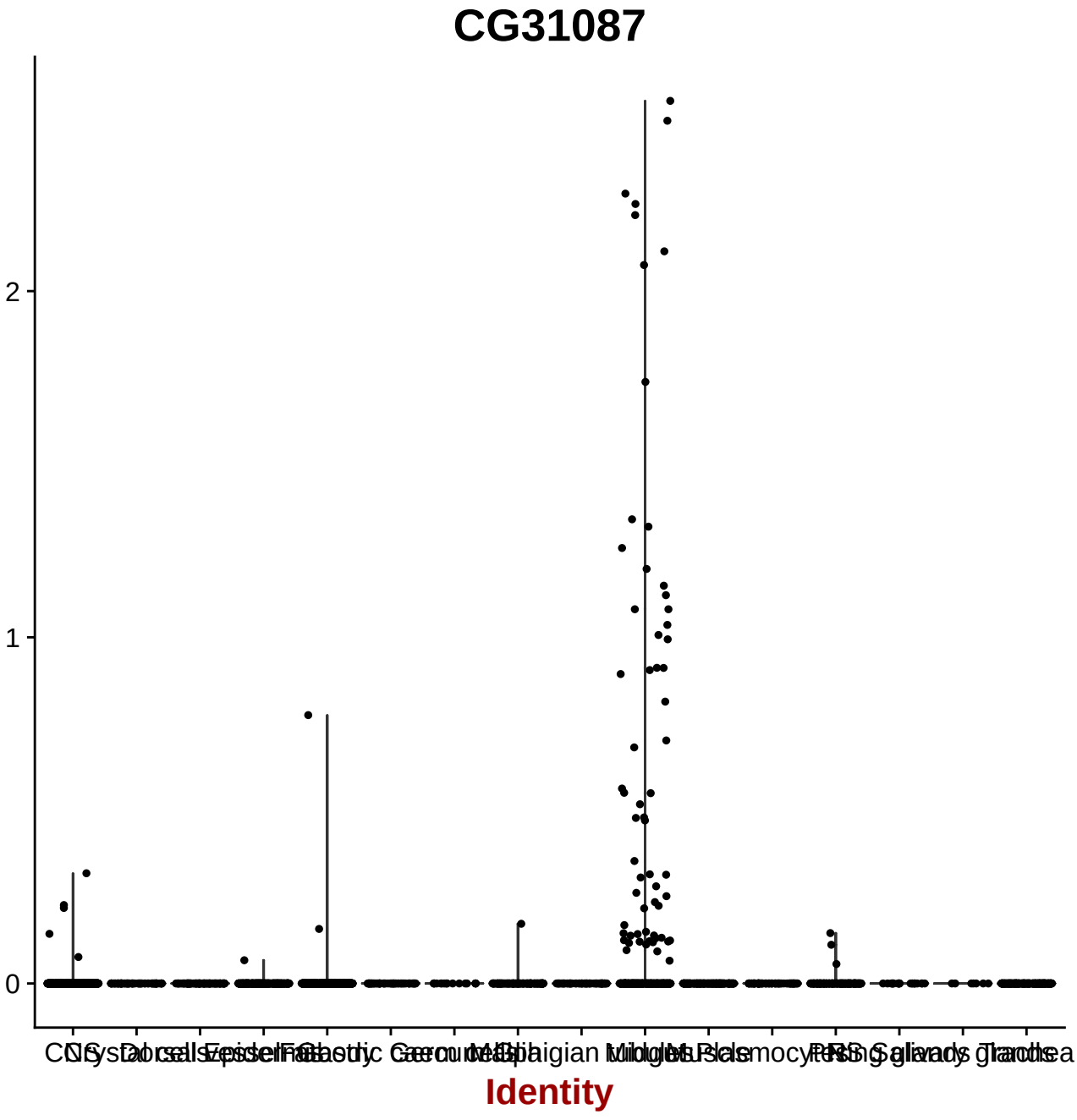
Identity


CG31087
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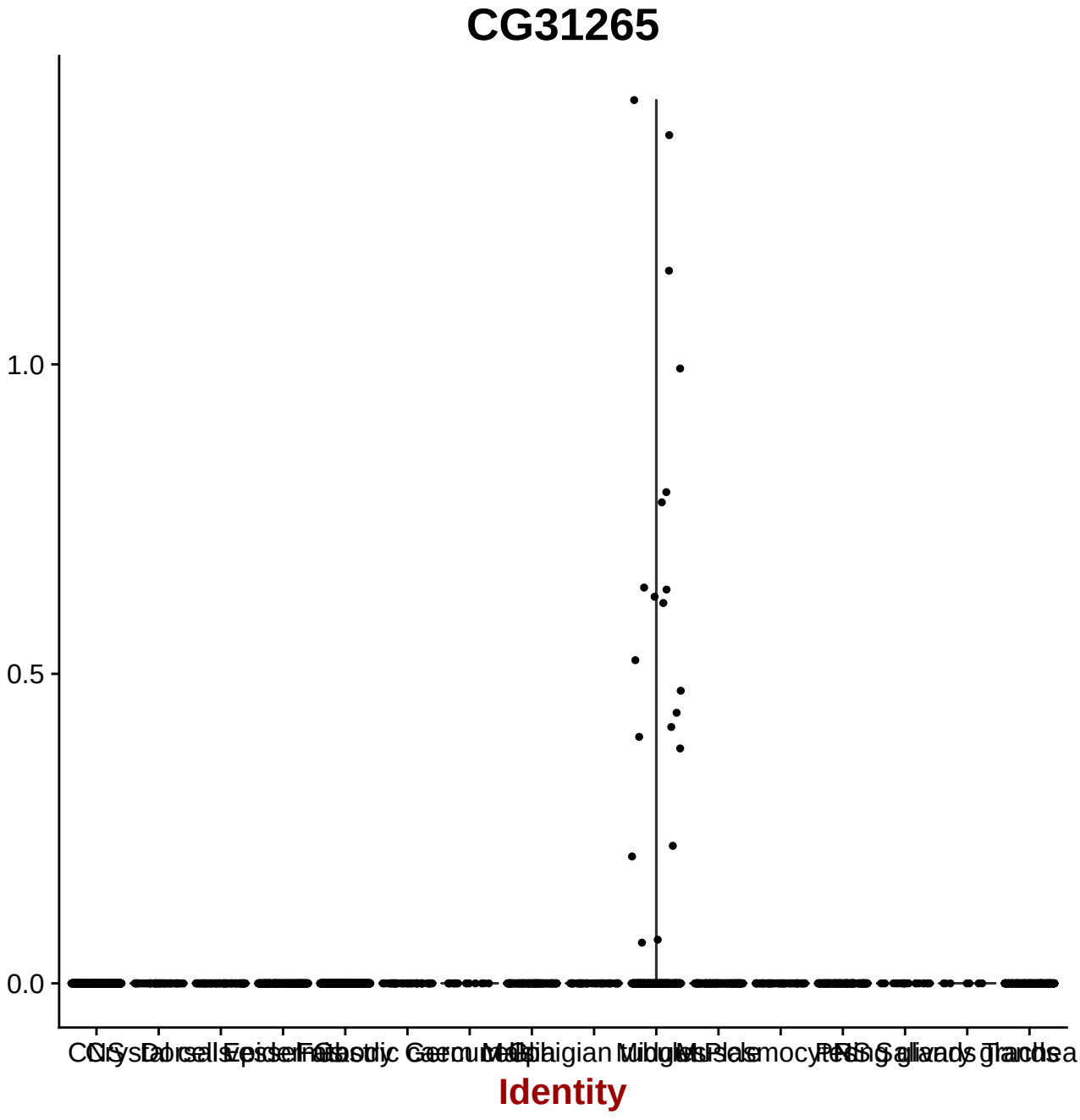
CNS
Dorsal vessel
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Hemocytes
PNS
Salivary gland
Trachea
Identity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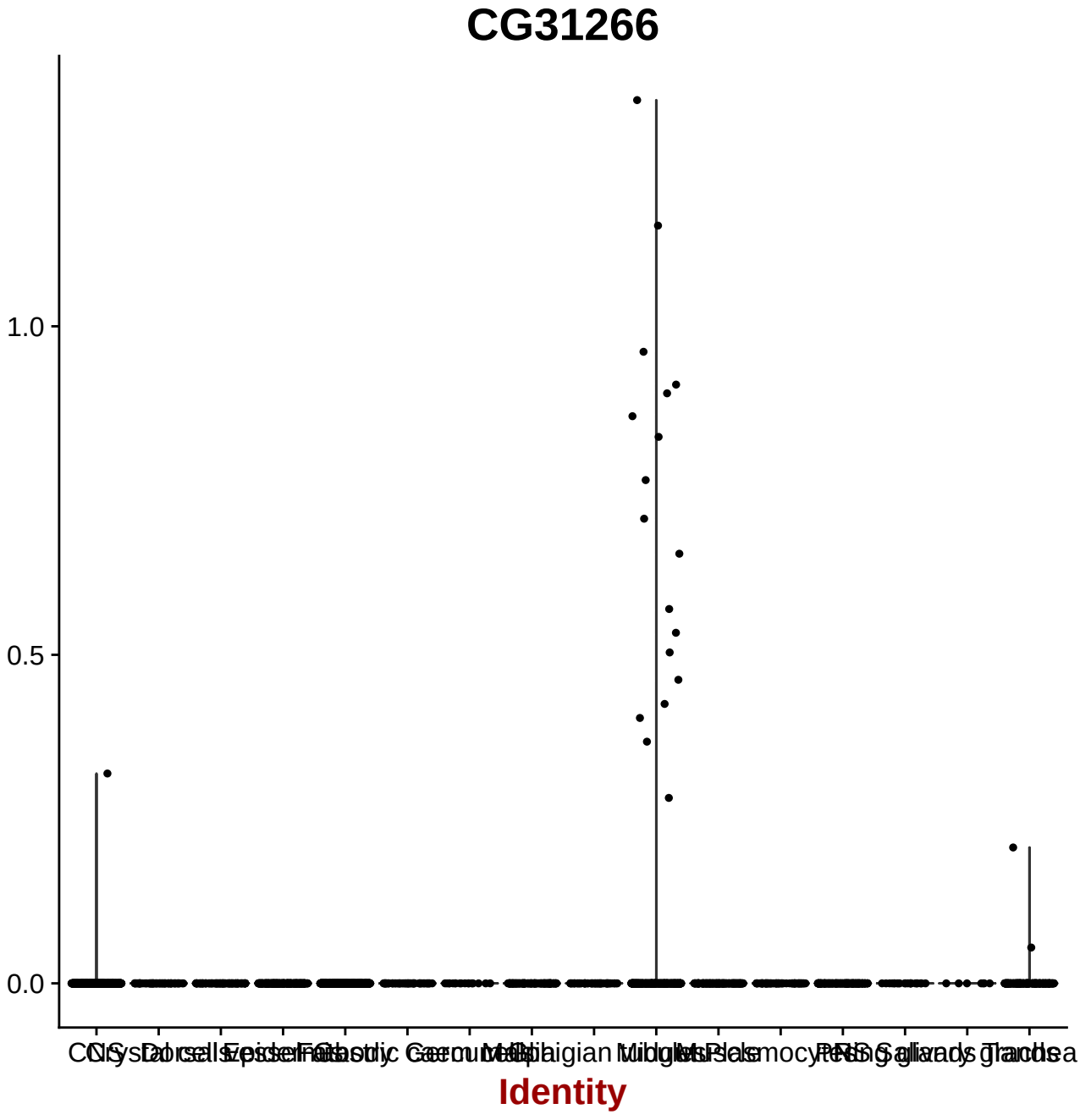
CG31266
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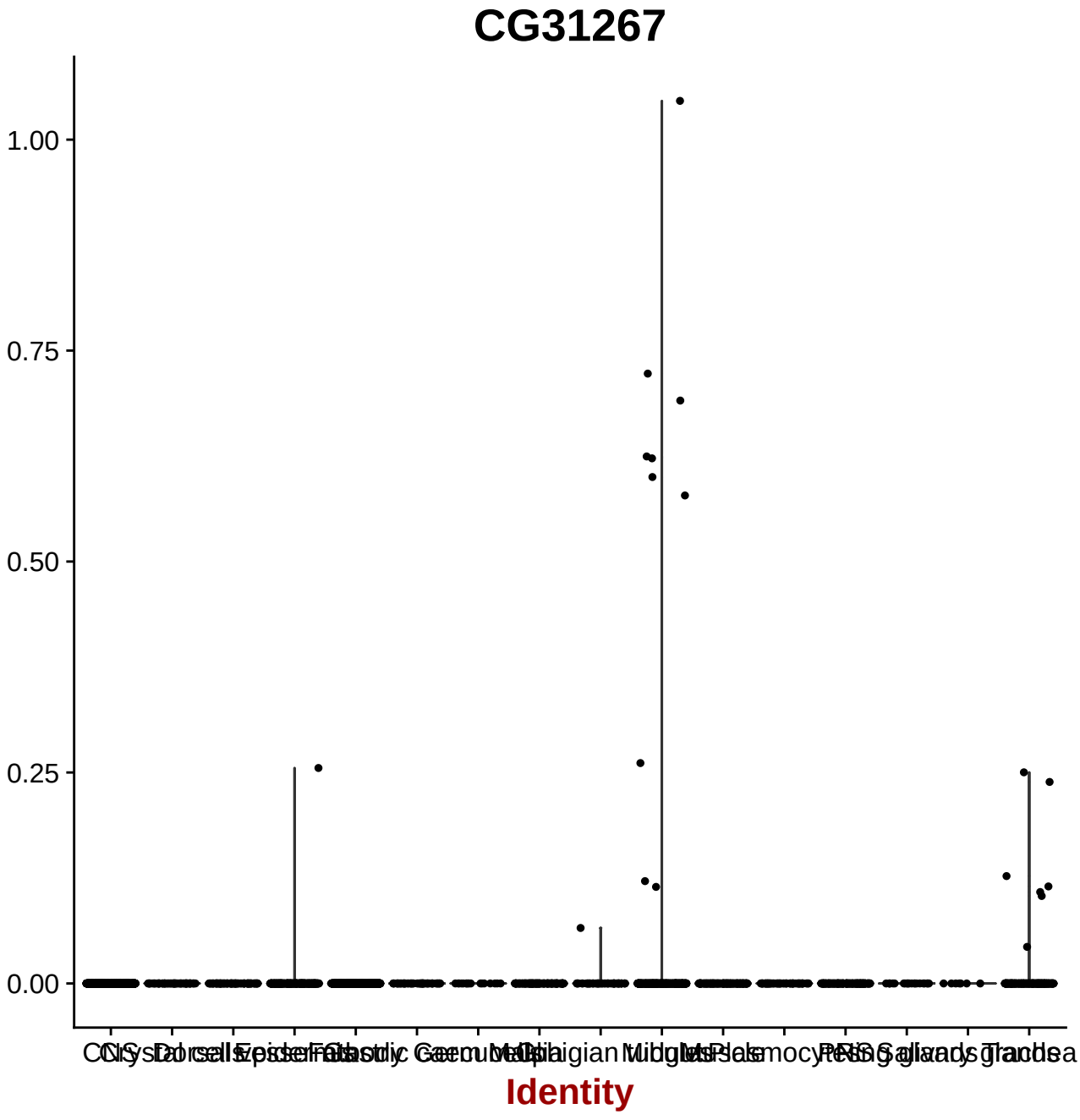
CNS
Crystal cells
Dorsal epidermis
Epidermis
Esophagus
Gastric caecum
Malpighian tubules
Muscle
Oenocytes
PER
Salivary gland
Trachea
Identity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0.50
0.25
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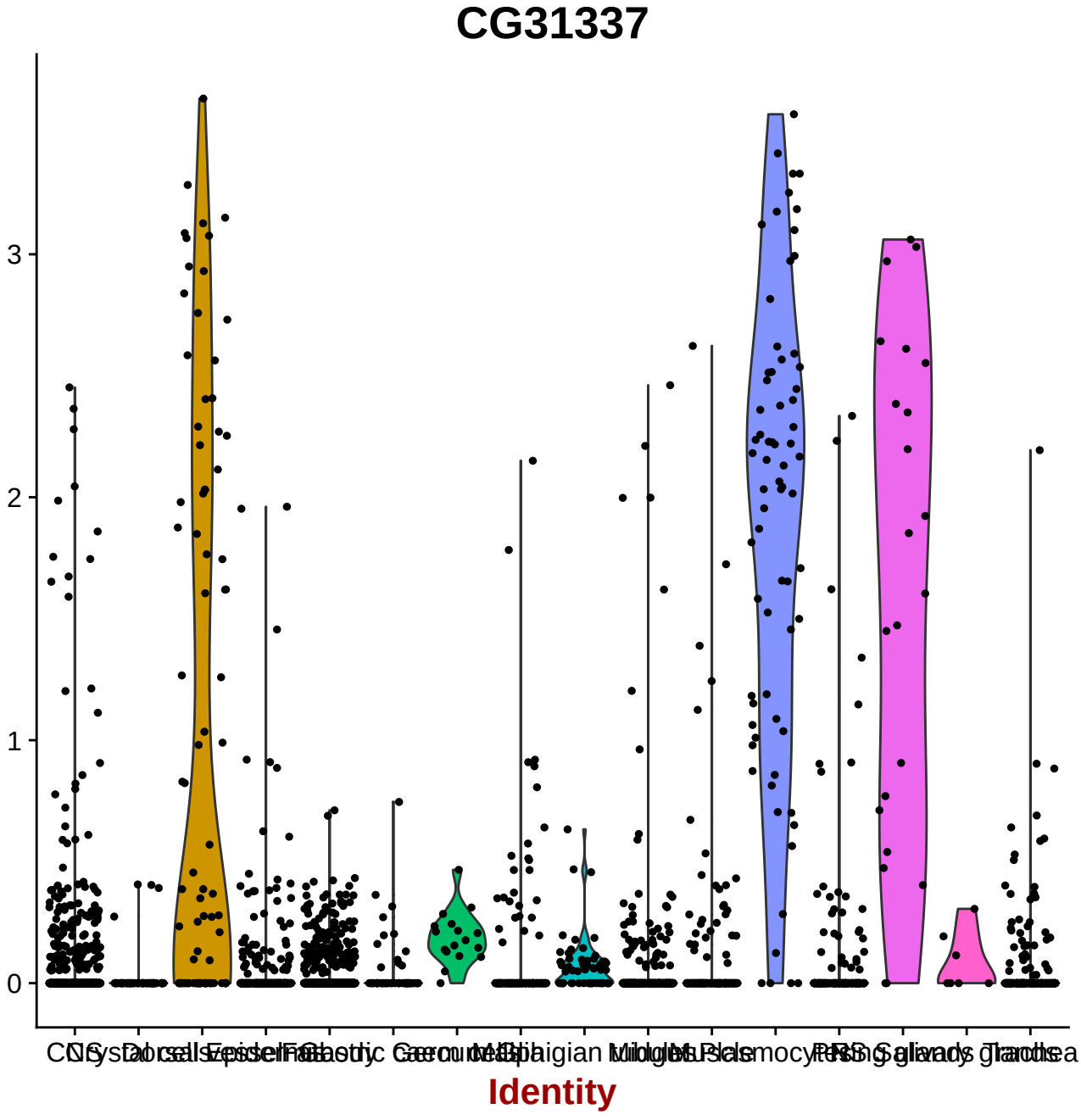
CNS
Dorsal epidermis
Epidermis
Fat body
Gut
Malpighian tubules
Muscle
Oenocytes
PER
Salivary gland
Trachea
Identity


CG31337
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2
1
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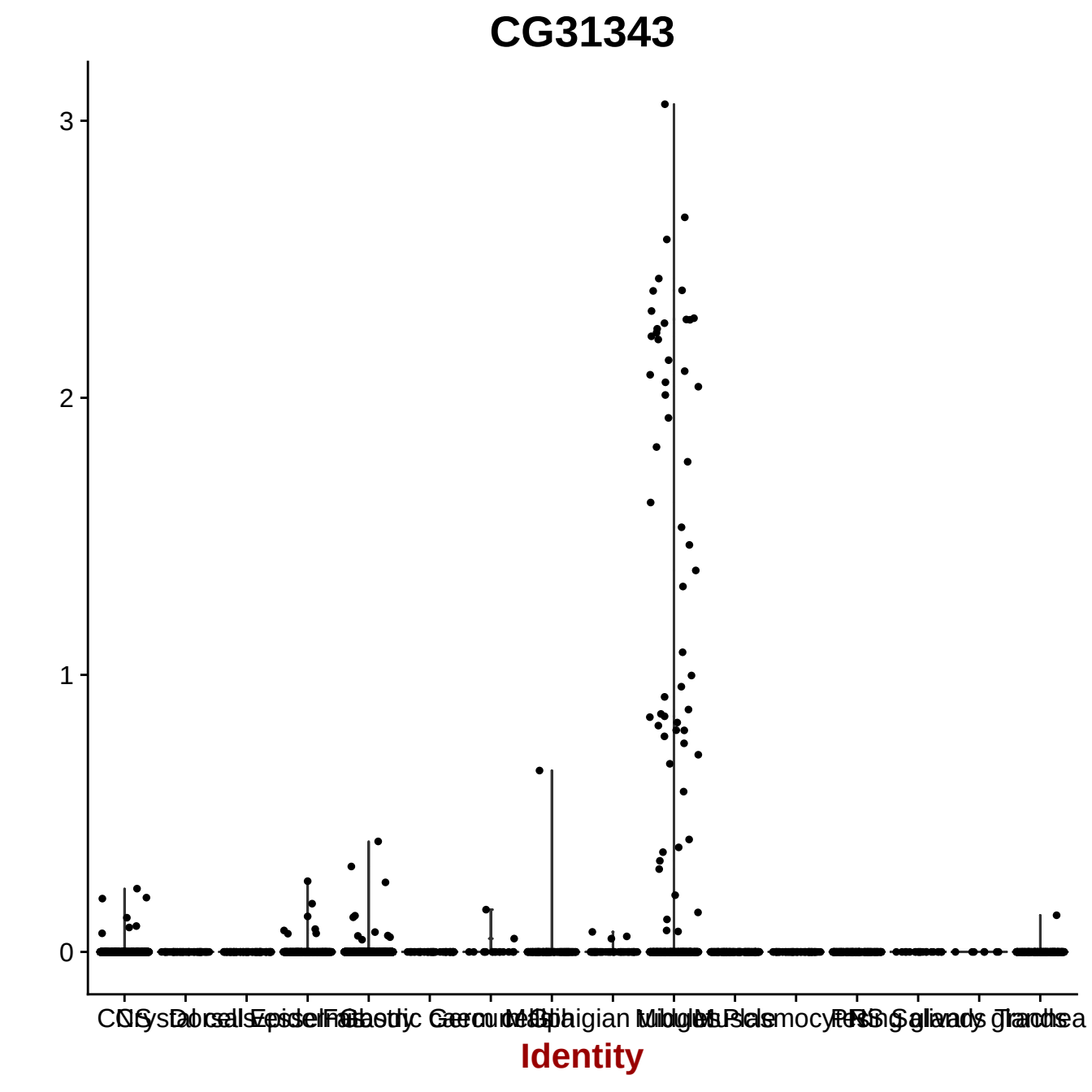
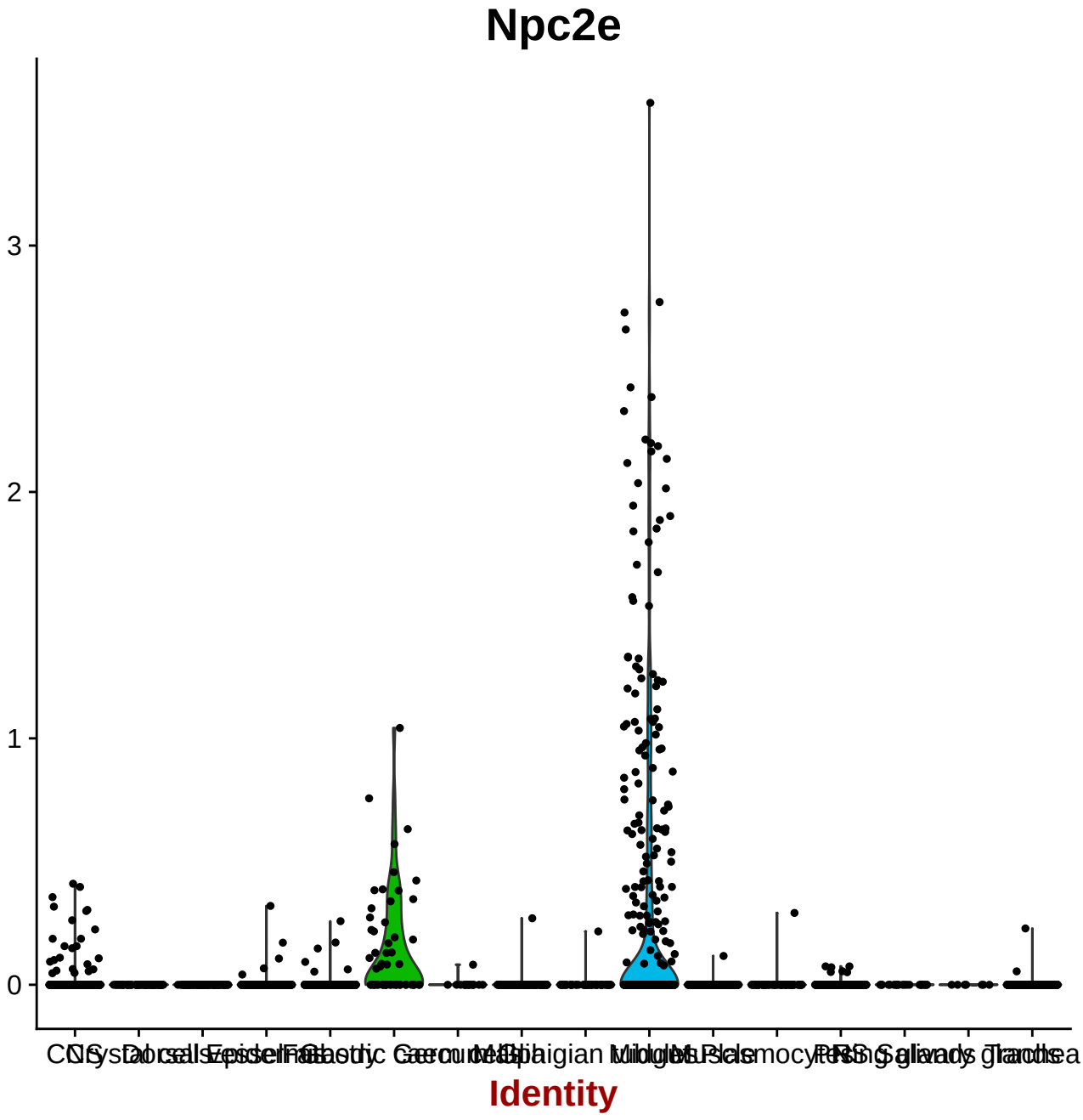
CNS
Dorsal Epidermis
Epidermis
Gastric Caecum
Malpighian tubules
Midgut
Muscles
Hemocytes
PRS
Salivary gland
Trachea
Identity


CG31343
3
2
1
0
CNS
Crystal cell
Dorsal vessel
Epidermis
Fat body
Garland cell
Gut
Malpighian tubule
Muscle
Oenocytes
PNS
Salivary gland
Trachea
Identity


Npc2e
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2
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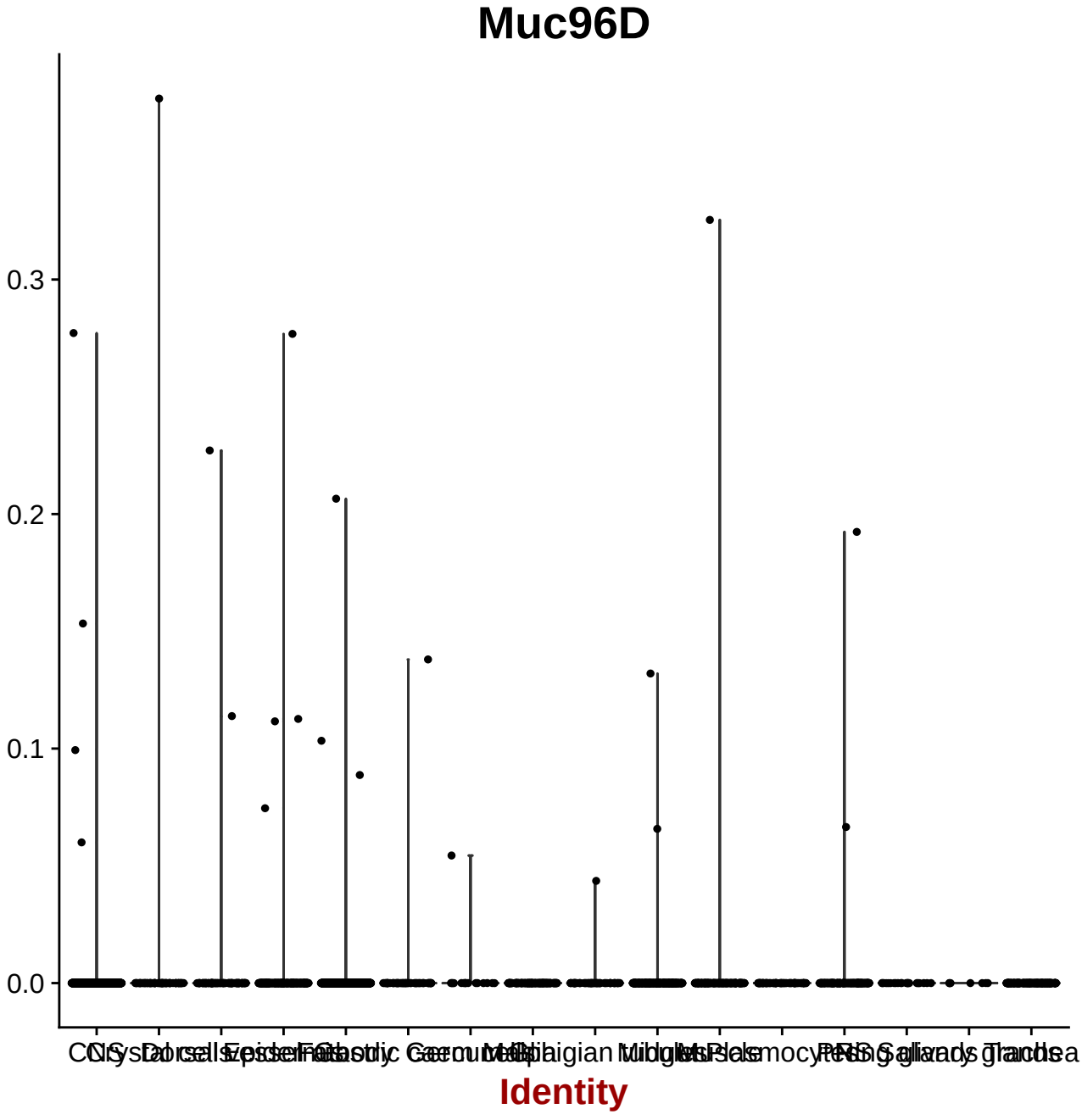
0
CNS
Dorsal Epidermis
Ventral Epidermis
Elastic Cartilage
Corneal Epithelium
Ciliary Muscle
Muscle
Hemocytes
PBS
Salivary gland
Trachea
Identity


Muc96D
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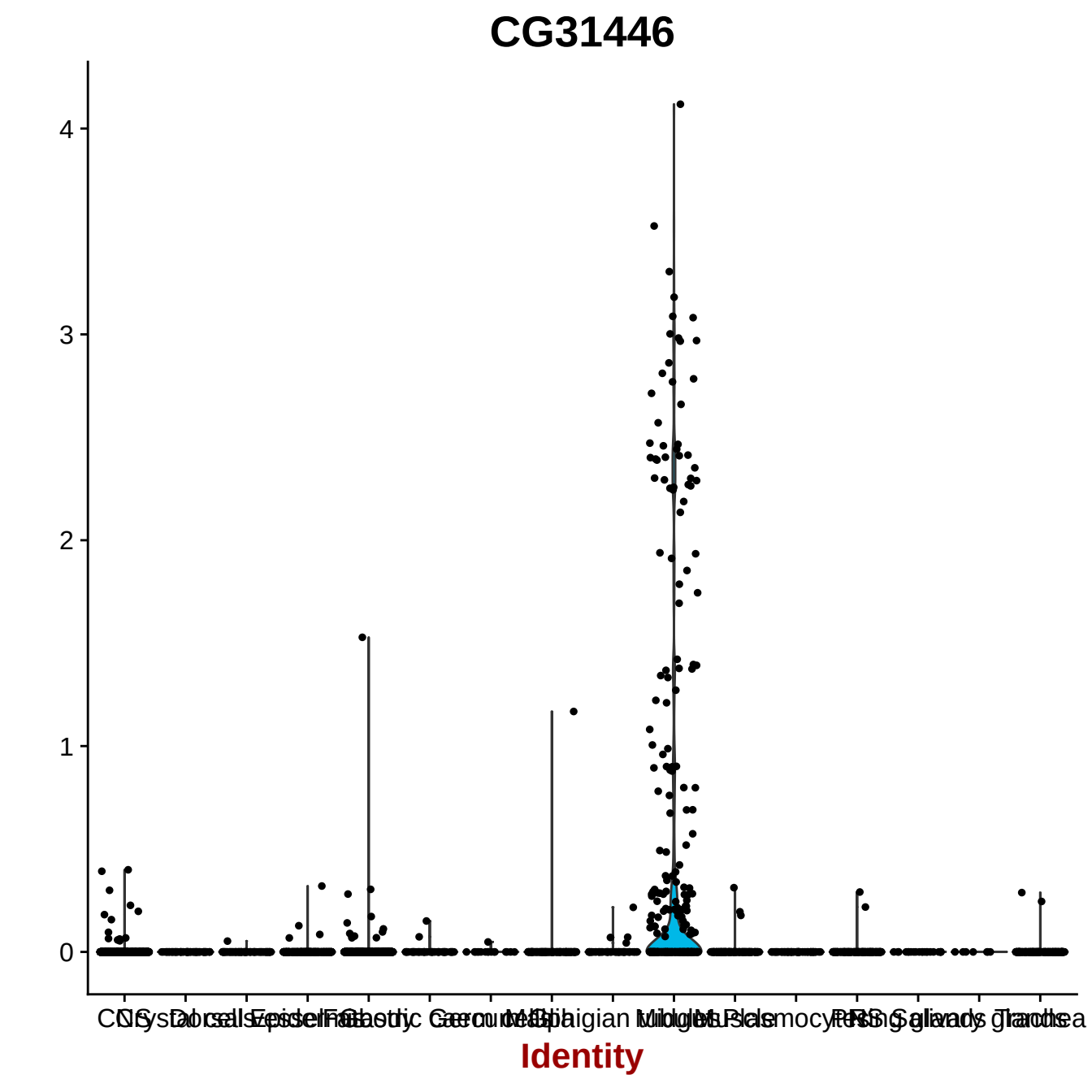
Identity


CG31446
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2
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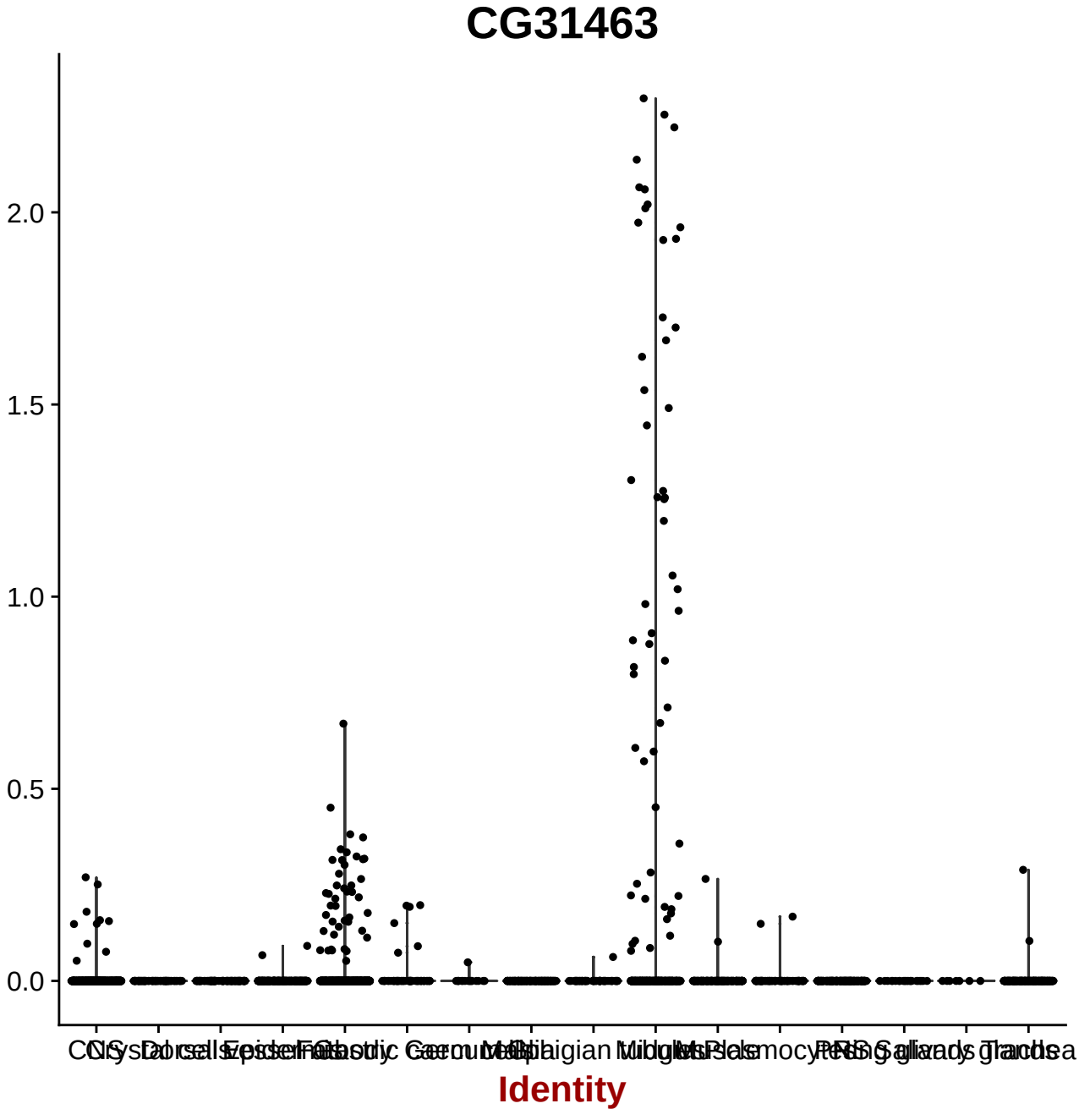
CNS
Dorsal Epidermis
Crystal cell
Vessel
Hindgut
Malpighian tubules
Gonads
Trachea
Identity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0.5
0.0
Identity