

[illegible]

D05_ctrl marker Dotplot

This dotplot displays the average expression (color) and detection rate (size) for 12 markers across 12 identities. The markers are listed on the y-axis, and the identities are represented by columns on the x-axis. The color scale for average expression ranges from -1 (light gray) to 2 (dark gray/black). The size scale for detection rate ranges from 0 (small dot) to 100 (large dot).

Features (Markers): SOX9, SHH, RSPO1, TUBB3, NRXN3, TLX3, OLIG2, PLP1, IGFBP7, IFI30, HBBA, CDH5.

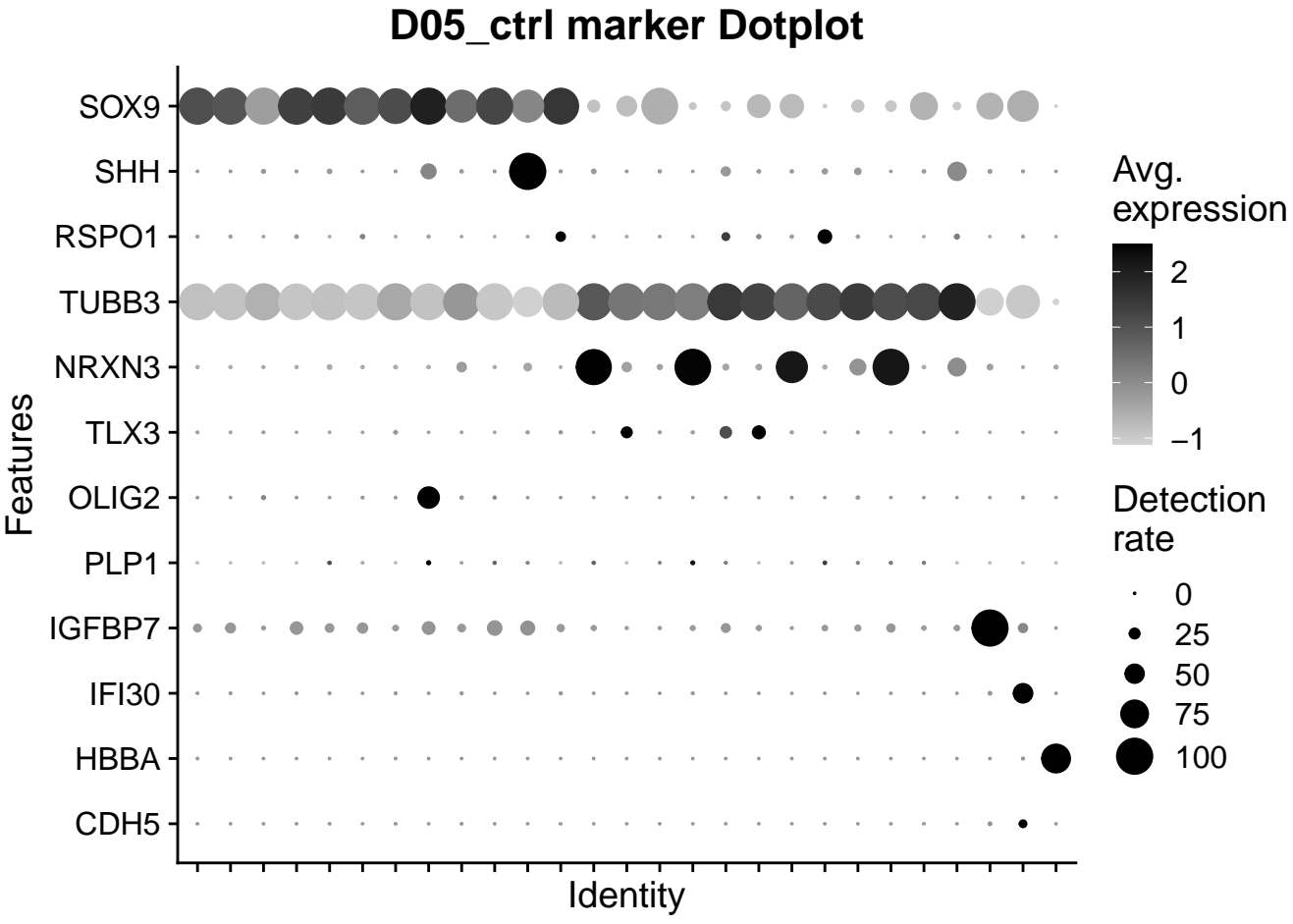
Identity (Columns): 12 unlabeled columns representing individual samples.

Legend:

- Avg. expression:** Color scale from -1 (light gray) to 2 (dark gray/black).
- Detection rate:** Size scale from 0 (small dot) to 100 (large dot).

Key Observations:

- TUBB3:** Shows high average expression (dark gray) across most identities, with detection rates ranging from small to large.
- SOX9:** Shows moderate to high average expression (dark gray) across most identities, with detection rates ranging from small to large.
- SHH:** Shows low average expression (light gray) across most identities, with a large detection rate (size 100) in identity 8.
- NRXN3:** Shows low average expression (light gray) across most identities, with large detection rates (size 100) in identities 8, 10, and 11.
- IGFBP7:** Shows low average expression (light gray) across most identities, with a large detection rate (size 100) in identity 11.
- HBBA:** Shows low average expression (light gray) across most identities, with a large detection rate (size 100) in identity 12.



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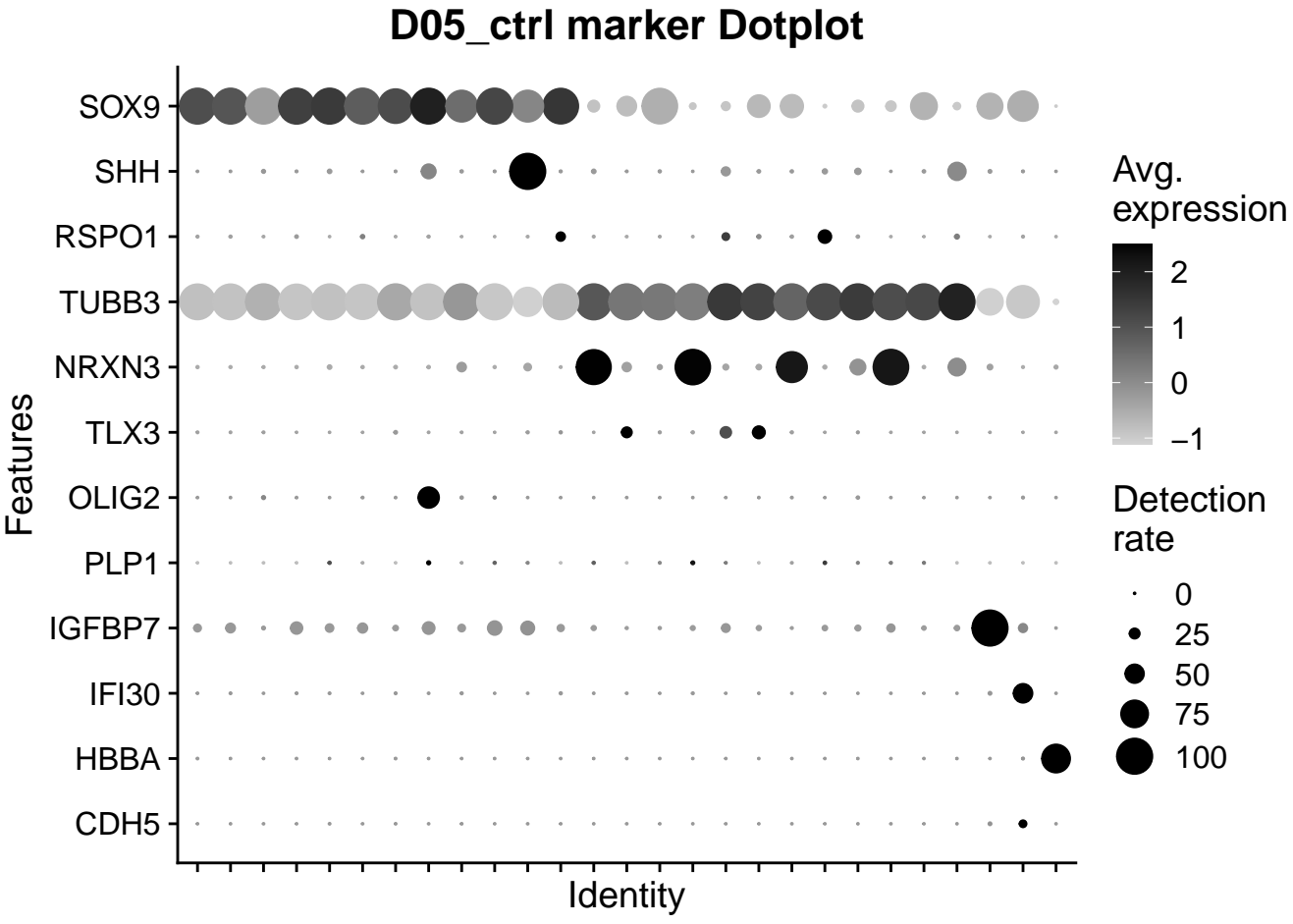
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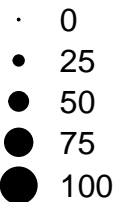
Features

IGFBP7

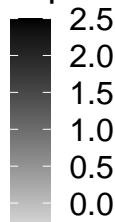
p1-p3_1
p1-p3_2
ribo_high_3
p1-p3_4
dp5-p0_5
dp1-dp6_9
dp4_11
p2-pMN-p3_12
p0-p1_15
dp5_20
FP_17
RP_16
V1_6
dl5_7
ribo_high_8
dl4-dl6_10
V0_13
dl1-dl2_14
dl4-dl6_18
dl1_19
MMC_21
V2b_22
V2a_24
LMC_25
pericytes_26
microglia_23
blood_27

Identity

Detection
rate



Avg.
expression



A vertical grayscale color bar with tick marks and labels 2, 1, 0, and -1.

• 0
 • 25
 • 50
 • 75
 • 100

Features

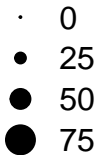
Features

IGFBP7

dp1-dp3_2
dp1-dp4_7
dp5-p1_15
dp1-dp3_16
p2-p3_18
p0-p3_19
FP_21
RP_25
inhibitory_neurons_1
excitatory_neurons_3
inhibitory_neurons_4
dl3-dl5_5
high_MT_neurons_6
inhibitory_neurons_8
inhibitory_neurons_9
inhibitory_neurons_10
excitatory_neurons_11
excitatory_neurons_12
excitatory_neurons_13
inhibitory_neurons_14
inhibitory_neurons_20
MN_22
excitatory_neurons_24
inhibitory_neurons_26
inhibitory_neurons_29
OPC_17
pericytes_23
microglia_27
blood_28
vasculature_30

Identity

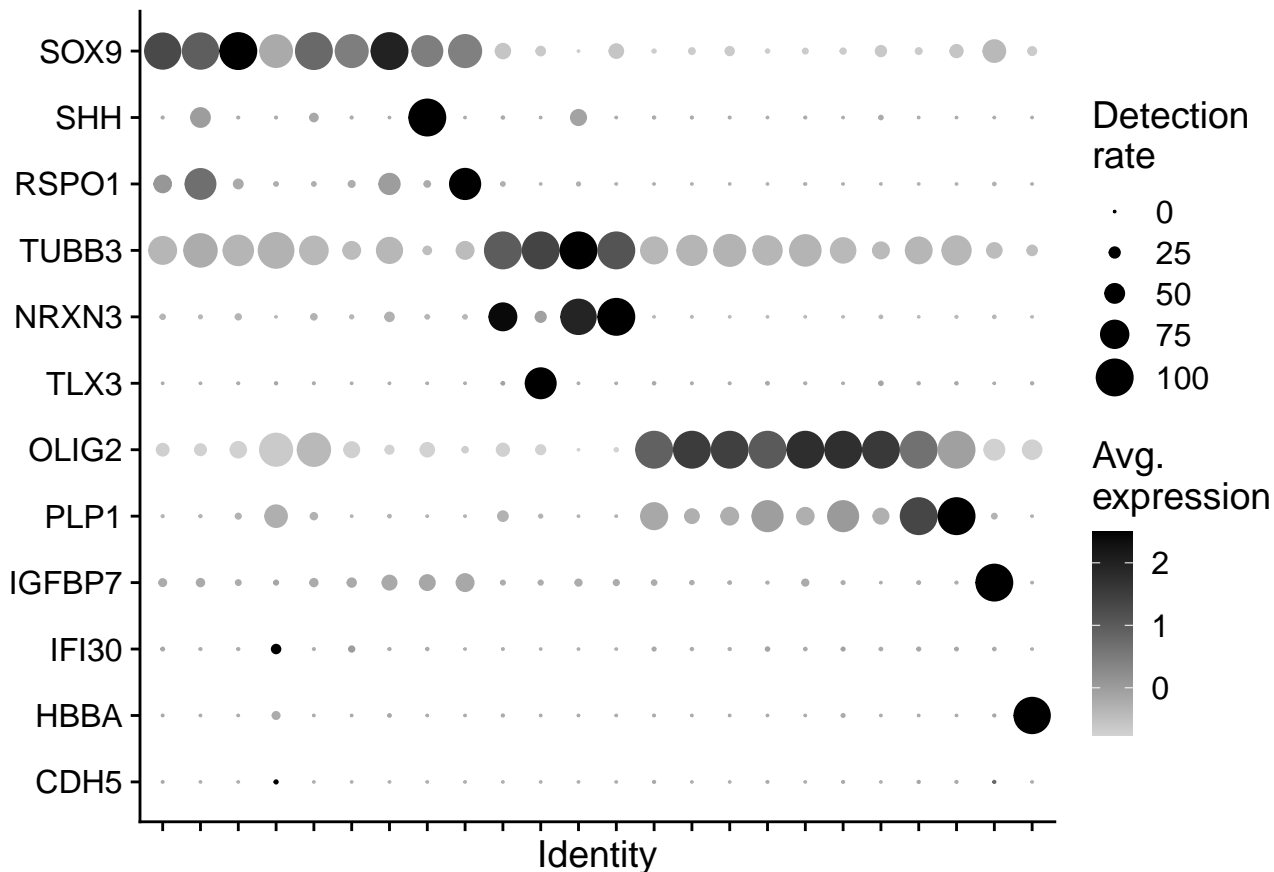
Detection
rate



Avg.
expression



ctrl1 marker Dotplot



Features

IGFBP7

progenitors_1
progenitors_2
progenitors_5
progenitors_10
progenitors_11
progenitors_15
progenitors_17
FP_20
RP_24
inhibitory_neurons_7
excitatory_neurons_18
MN_22
CSF-cNS_23
OPC_3
OPC_4
OPC_6
OPC_8
OPC_12
OPC_13
OPC_21
MFOL_early_9
MFOL_14
pericytes_16
blood_19

Identity



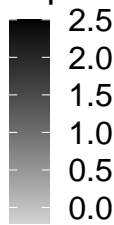
Features

IGFBP7

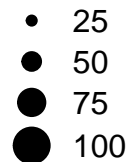
progenitors_2
progenitors_3
progenitors_4
progenitors_8
progenitors_9
progenitors_11
progenitors_21
FP/RP_17
inhibitory_neurons_7
inhibitory_neurons_10
inhibitory_neurons_14
excitatory_neurons_15
inhibitory_neurons_22
excitatory_neurons_23
MN_24
neurons_high_MT_25
inhibitory_neurons_26
OPC_1
OPC_5
OPC_6
OPC_12
OPC_13
OPC_high_ribo_27
MFOL_19
MFOL_20
pericytes_16
microglia_28
blood_18
vasculature_29

Identity

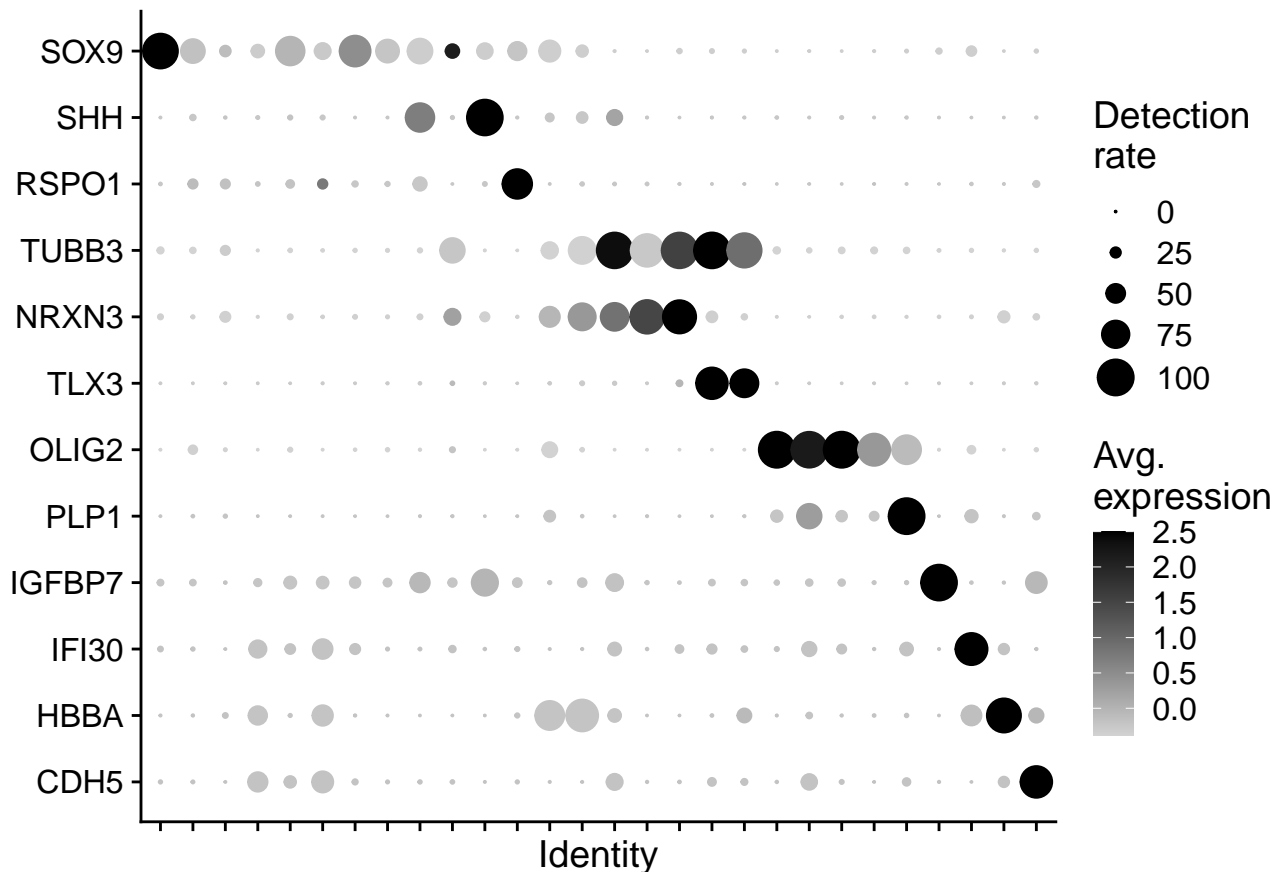
Avg.
expression



Detection
rate



Gg_lumb_int marker Dotplot

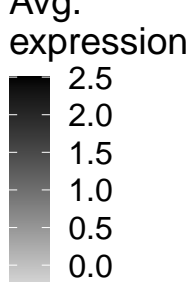


Features

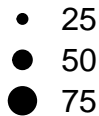
IGFBP7

progenitors_3
progenitors_4
progenitors_5
progenitors_MSX2_6
progenitors_7
progenitors_MSX2_10
progenitors_11
progenitors_16
progenitors_25
progenitor_olig2_tubb3_27
FP_23
RP_13
inhibitory_neurons_8
inhibitory_neurons_12
inhibitory_neurons_14
inhibitory_neurons_18
inhibitory_neurons_19
excitatory_neurons_20
excitatory_neurons_22
OPC_1
OPC_2
OPC_17
OPC_high_rb_21
MFOL_9
pericytes_15
microglia_26
blood_24
vasculature_28

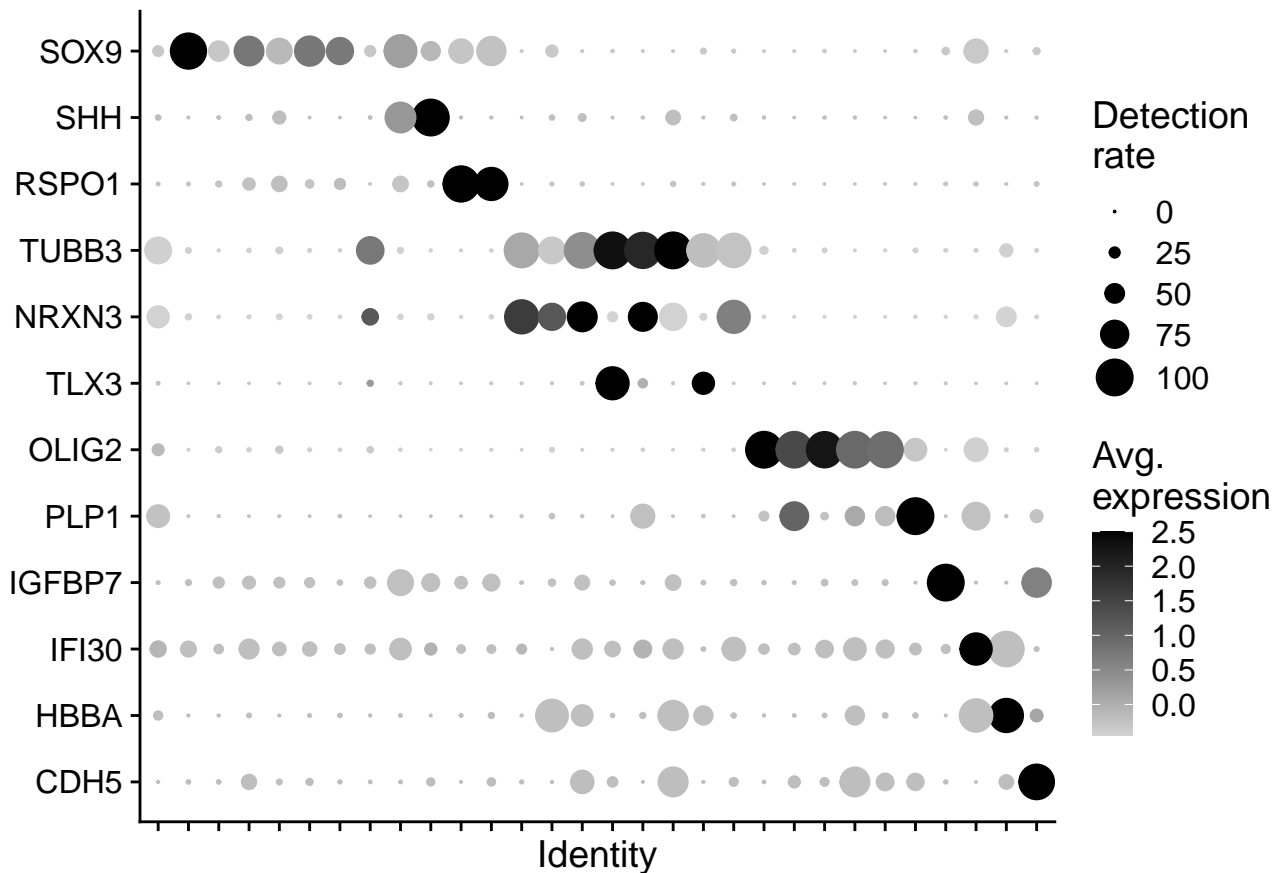
Identity



Detection rate



Gg_poly_int marker Dotplot

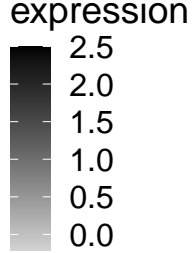


Features

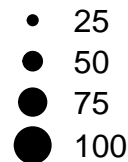
IGFBP7

progenitors_1
progenitors_4
progenitors_5
progenitors_6
progenitors_7
progenitors_10
progenitors_MSX2_17
progenitors_olig2_tubb3_18
progenitors_25
FP_12
RP_16
RP_26
inhibitory_neurons_8
inhibitory_neurons_9
inhibitory_neurons_13
excitatory_neuron_20
neurons_21
MN_24
excitatory_neuron_28
CSF-cNS_29
OPC_2
OPC_3
OPC_11
OPC_14
OPC_19
MFOL_15
pericytes_23
microglia_27
blood_22
vasculature_30

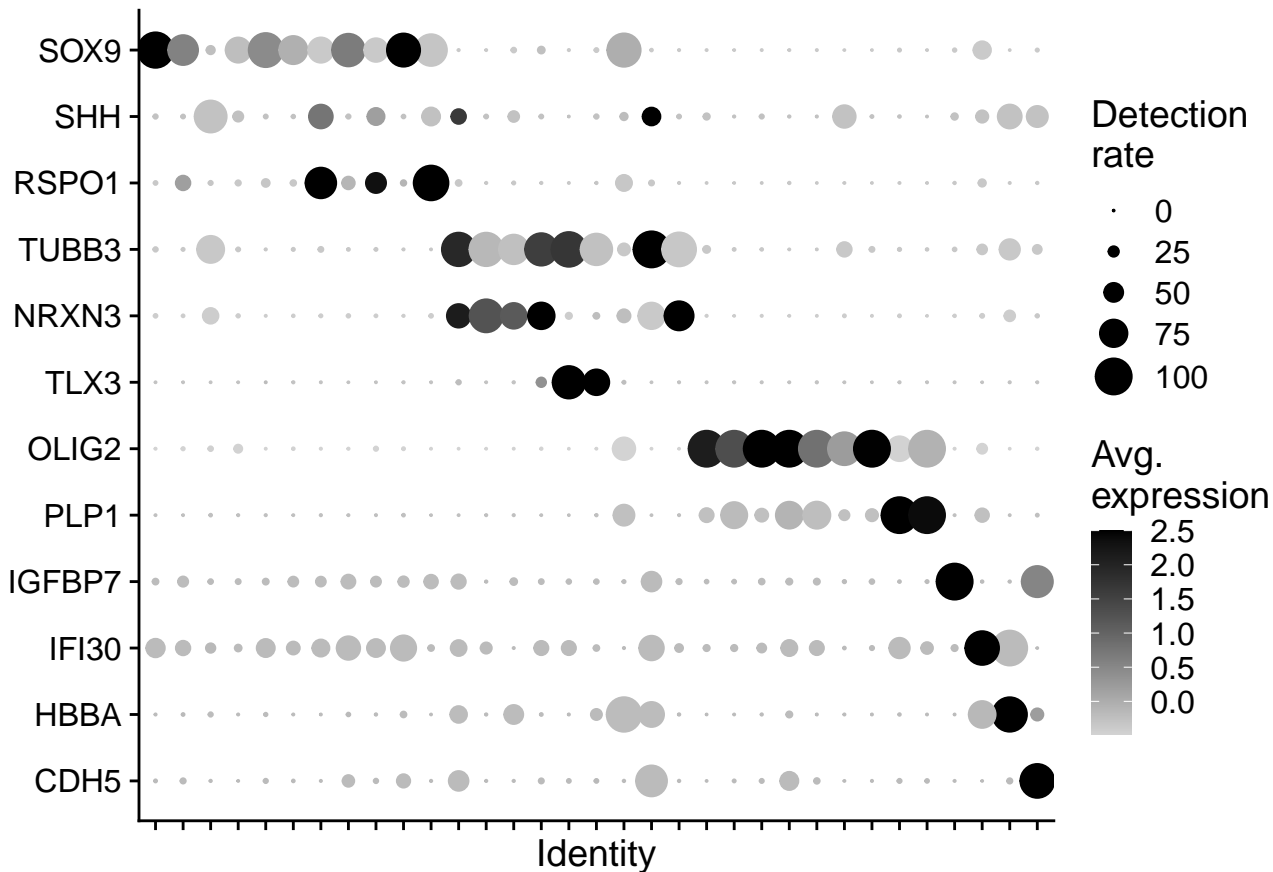
Identity



Detection
rate



Gg_ctrl_lumb_int marker Dotplot

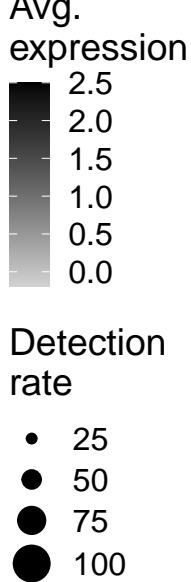


Features

IGFBP7

progenitors_1
progenitors_3
progenitors_6
progenitors_10
progenitors_MSX2_11
progenitors_13
progenitors_15
progenitors_16
progenitors_18
progenitors_MSX2_24
progenitors_FP/RP_19
inhibitory_neurons_5
inhibitory_neurons_8
neurons_12
inhibitory_neurons_14
excitatory_neurons_20
excitatory_neurons_23
neurons_27
MN_31
inhibitory_neurons_33
OPC_2
OPC_4
OPC_7
OPC_9
OPC_26
OPC_28
OPC_29
MFOL_21
MFOL_22
pericytes_17
microglia_30
blood_25
vasculature_32

Identity



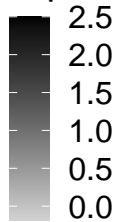
Features

IGFBP7

progenitors_2
progenitors_3
progenitors_4
progenitors_5
progenitors_7
progenitors_15
progenitors_19
progenitors_27
FP_22
RP_23
RP_33
inhibitory_neurons_8
inhibitory_neurons_9
inhibitory_neurons_11
excitatory_neurons_16
inhibitory_neurons_17
MN_25
excitatory_neurons_26
inhibitory_neurons_28
neurons_high_MT_32
CSF_cNS_34
OPC_1
OPC_6
OPC_10
OPC_13
OPC_14
OPC_24
OPC_30
MFOL_12
MFOL_18
pericytes_20
microglia_29
blood_21
vasculature_31

Identity

Avg.
expression



Detection
rate

