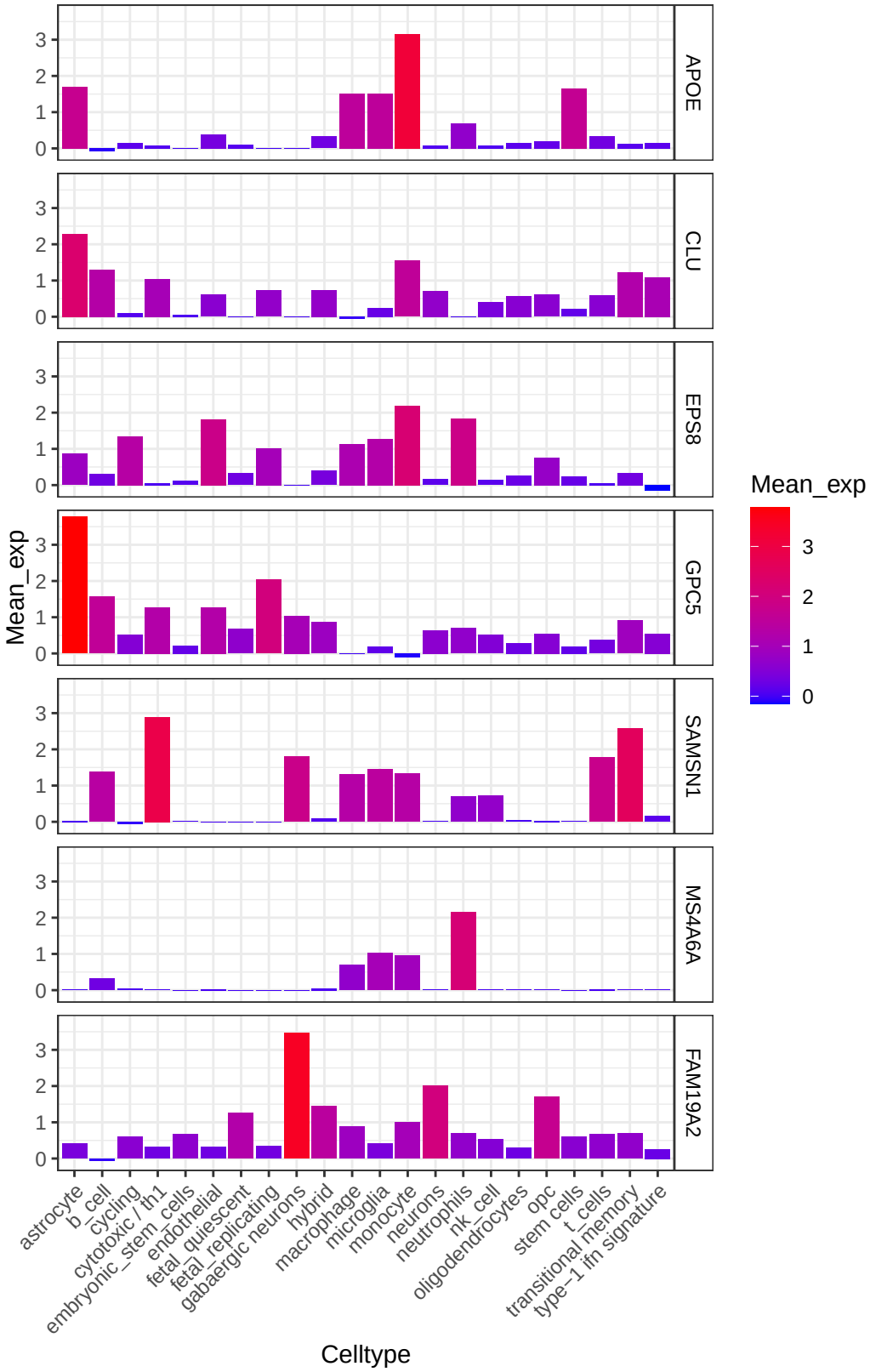
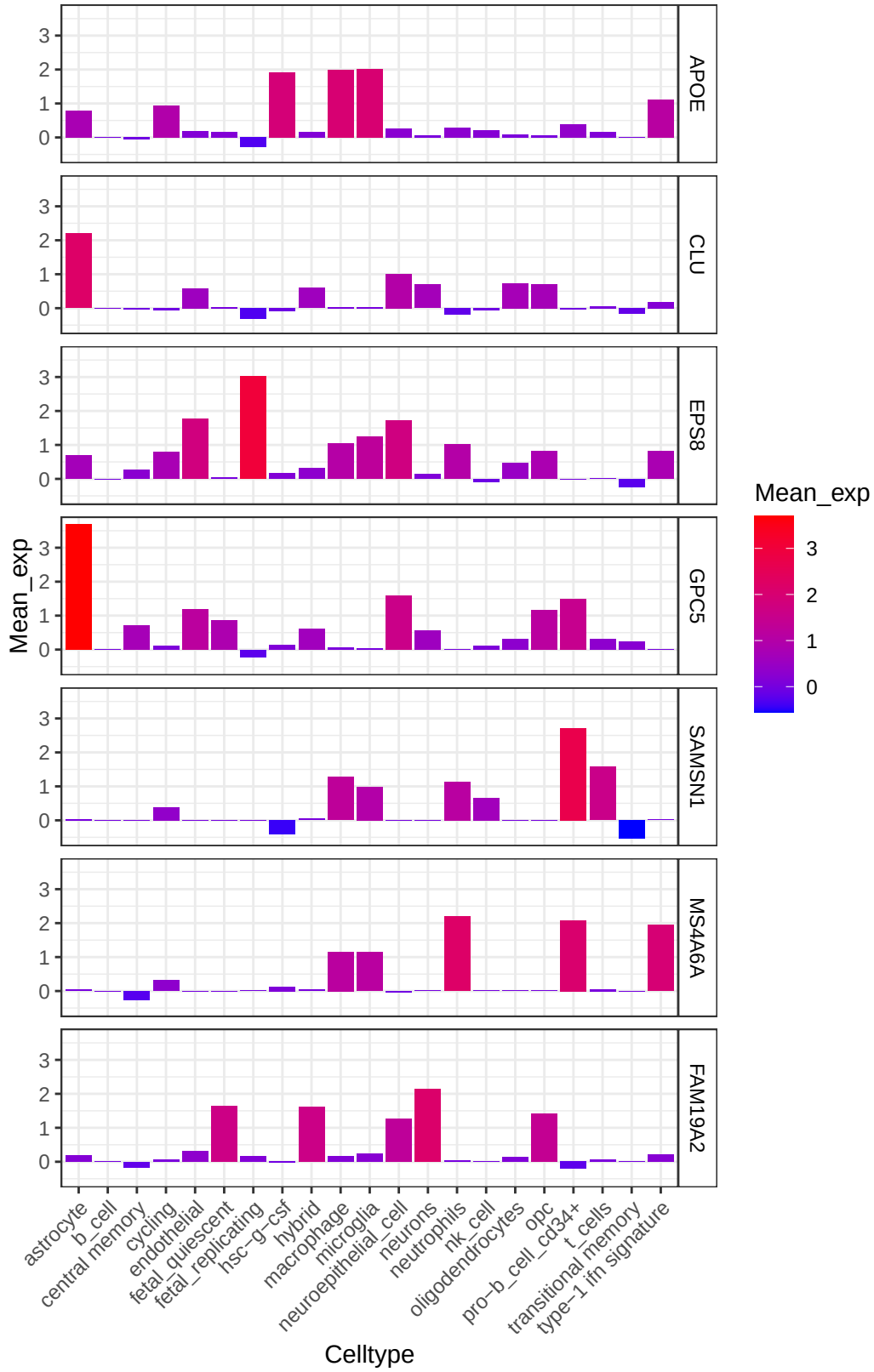

APOE
CLU
EPS8
GPC5
SAMSN1
MS4A6A
FAM19A2
Mean_exp
Celltype
astrocyte
b_cell
cycling
cytotoxic / th1
embryonic_stem_cells
endothelial
fetal_quiescent
fetal_replicating
gabaergic neurons
hybrid
macrophage
microglia
monocyte
neurons
neutrophils
nk_cell
oligodendrocytes
opc
stem cells
t_cells
transitional memory
type−1 ifn signature


APOE
CLU
EPS8
GPC5
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MS4A6A
FAM19A2
Mean_exp
Celltype
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b_cell
central memory
cycling
endothelial
fetal_quiescent
fetal_replicating
hsc−g−csf
hybrid
macrophage
microglia
neuroepithelial_cell
neurons
neutrophils
nk_cell
oligodendrocytes
opc
pro−b_cell_cd34+
t_cells
transitional memory
type−1 ifn signature

Mean_exp
Celltype
astrocyte
b_cell
cycling
cytotoxic / th1
embryonic_stem_cells
endothelial
fetal_quiescent
fetal_replicating
gabaergic neurons
hybrid
macrophage
microglia
monocyte
neurons
neutrophils
nk_cell
oligodendrocytes
opc
stem cells
t_cells
transitional memory
type−1 ifn signature
Mean_exp
3
2
1
0

Mean_exp
Celltype
astrocyte
b_cell
cycling
cytotoxic / th1
embryonic_stem_cells
endothelial
fetal_quiescent
fetal_replicating
gabaergic neurons
hybrid
macrophage
microglia
monocyte
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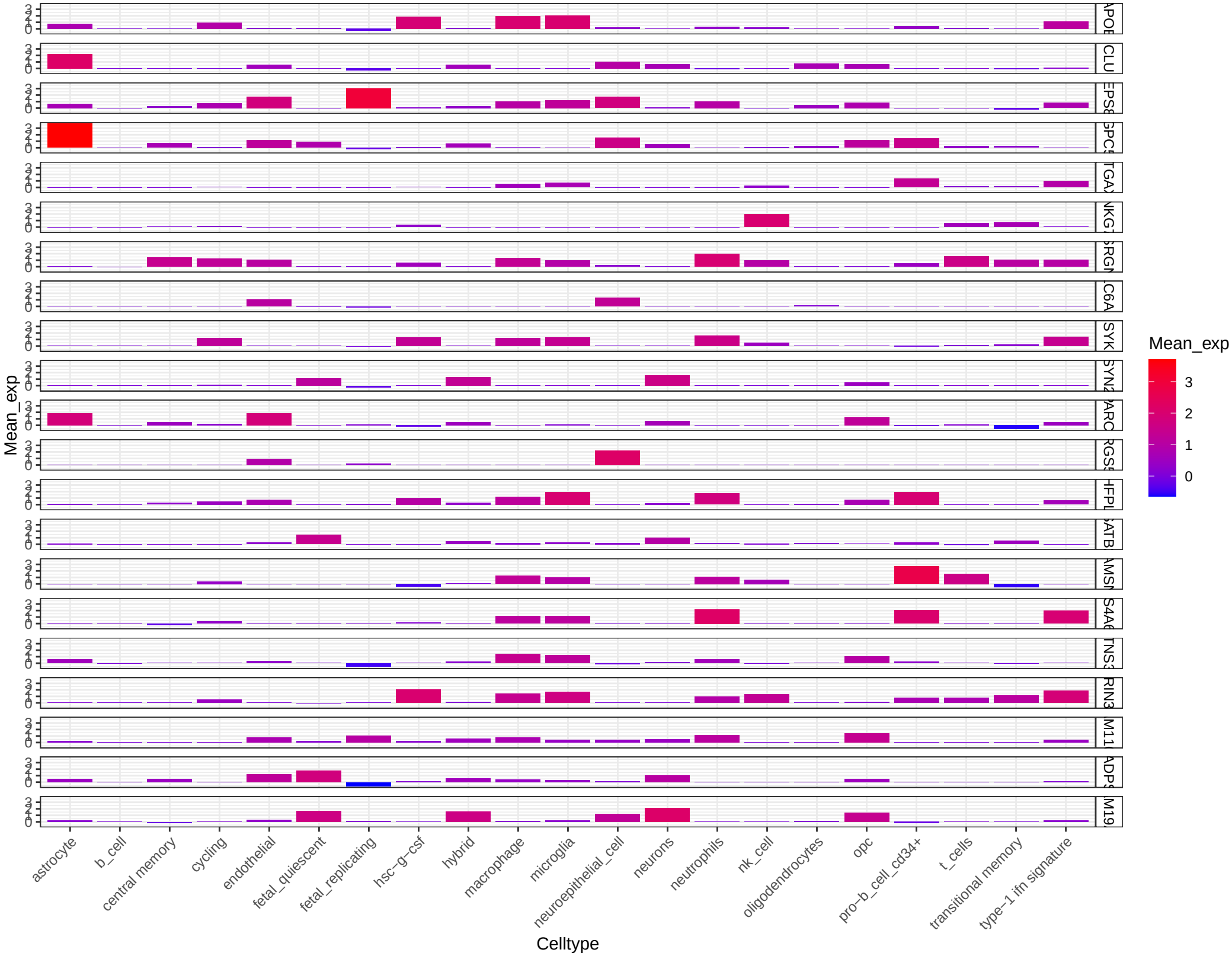
stem cells
t_cells
transitional memory
type−1 ifn signature
Mean_exp
3
2
1
0


Mean_exp
Celltype
astrocyte
b_cell
central memory
cycling
endothelial
fetal_quiescent
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hybrid
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microglia
neuroepithelial_cell
neurons
neutrophils
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t_cells
transitional memory
type−1 ifn signature
Mean_exp
3
2
1
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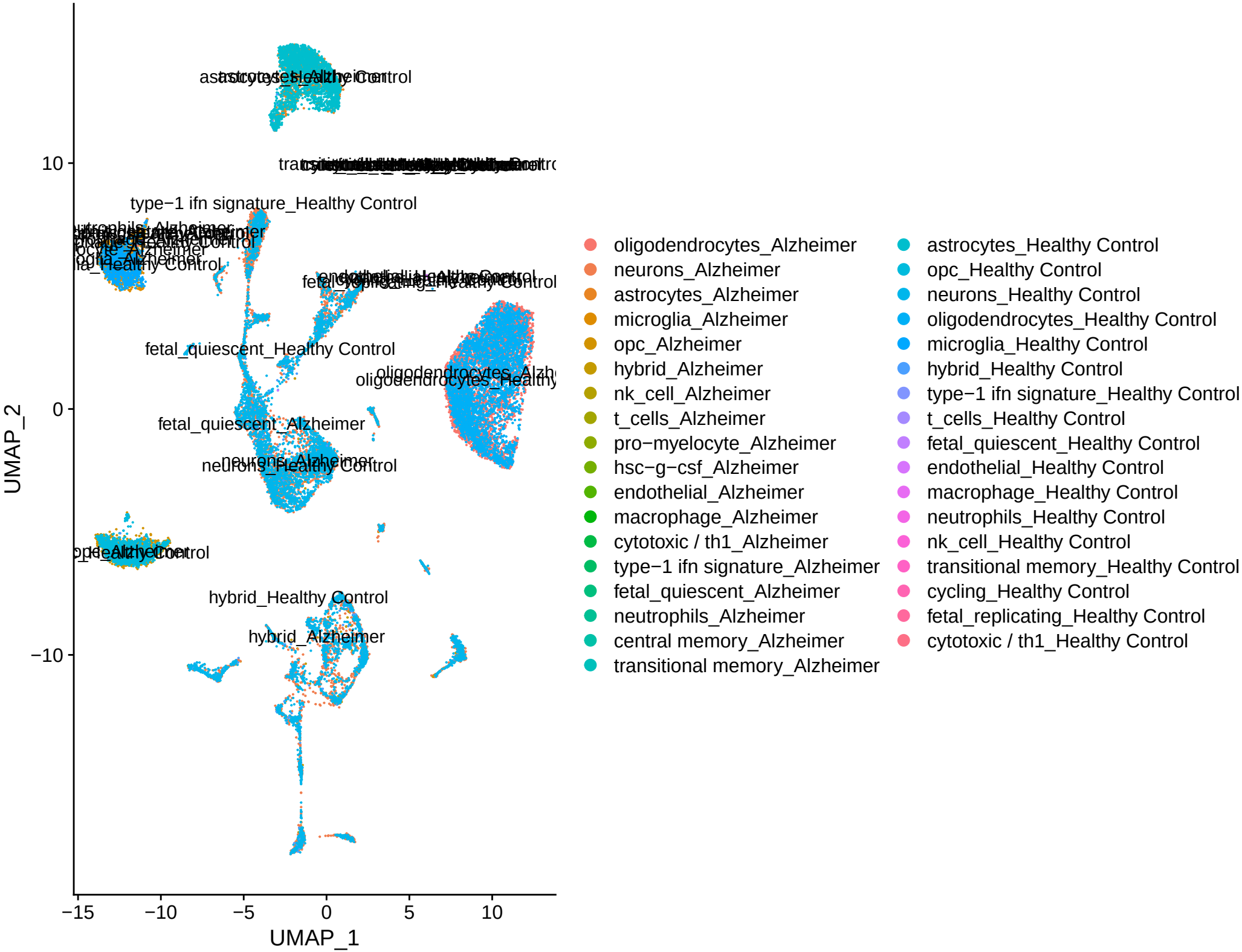
UMAP_2
UMAP_1
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−10
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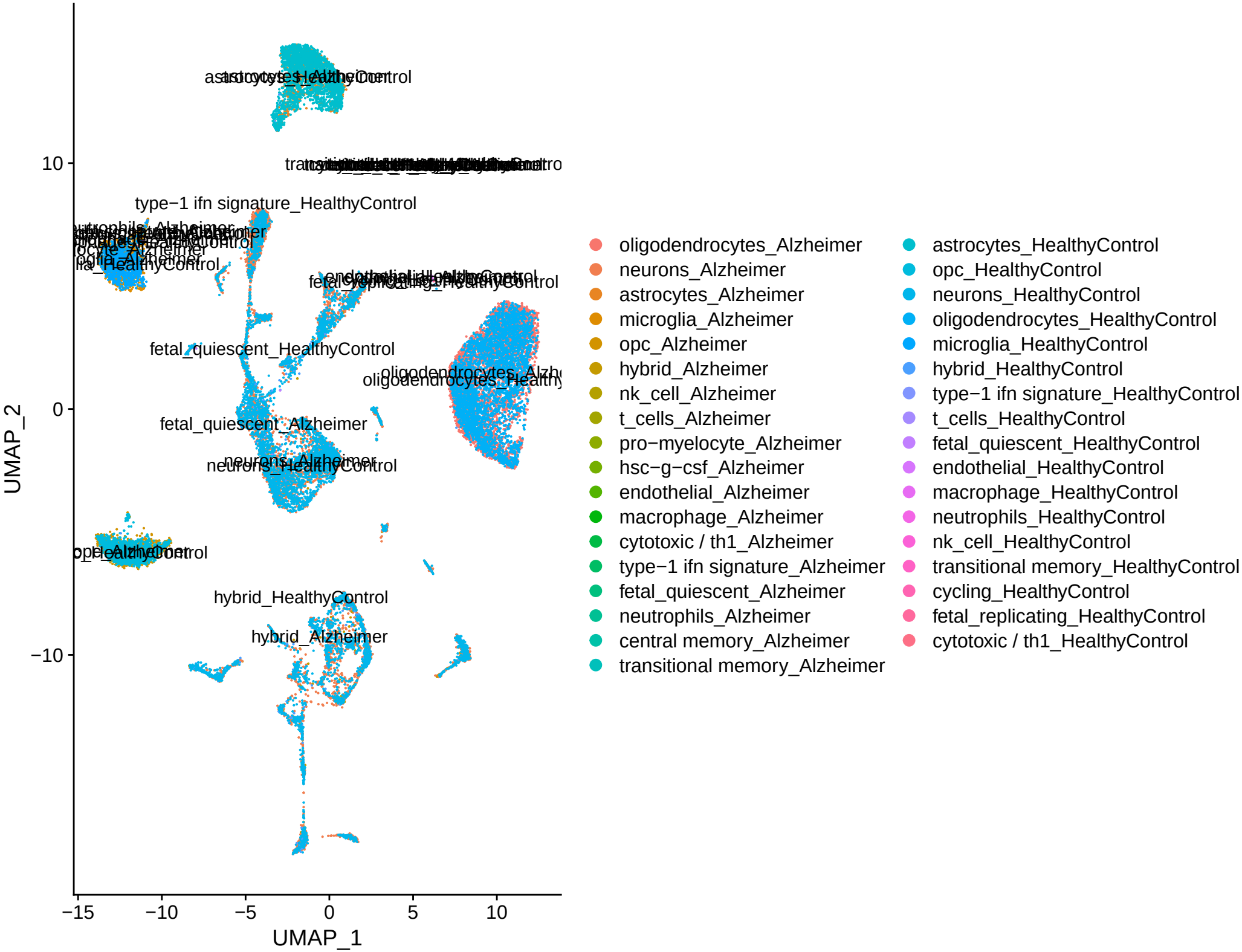
fetal_quiescent_Alzheimer
hybrid_Healthy Control
hybrid_Alzheimer
oligodendrocytes_Alzheimer
neurons_Alzheimer
astrocytes_Alzheimer
microglia_Alzheimer
opc_Alzheimer
hybrid_Alzheimer
nk_cell_Alzheimer
t_cells_Alzheimer
pro−myelocyte_Alzheimer
hsc−g−csf_Alzheimer
endothelial_Alzheimer
macrophage_Alzheimer
cytotoxic / th1_Alzheimer
type−1 ifn signature_Alzheimer
fetal_quiescent_Alzheimer
neutrophils_Alzheimer
central memory_Alzheimer
transitional memory_Alzheimer
astrocytes_Healthy Control
opc_Healthy Control
neurons_Healthy Control
oligodendrocytes_Healthy Control
microglia_Healthy Control
hybrid_Healthy Control
type−1 ifn signature_Healthy Control
t_cells_Healthy Control
fetal_quiescent_Healthy Control
endothelial_Healthy Control
macrophage_Healthy Control
neutrophils_Healthy Control
nk_cell_Healthy Control
transitional memory_Healthy Control
cycling_Healthy Control
fetal_replicating_Healthy Control
cytotoxic / th1_Healthy Control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UMAP_1
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−15
−10
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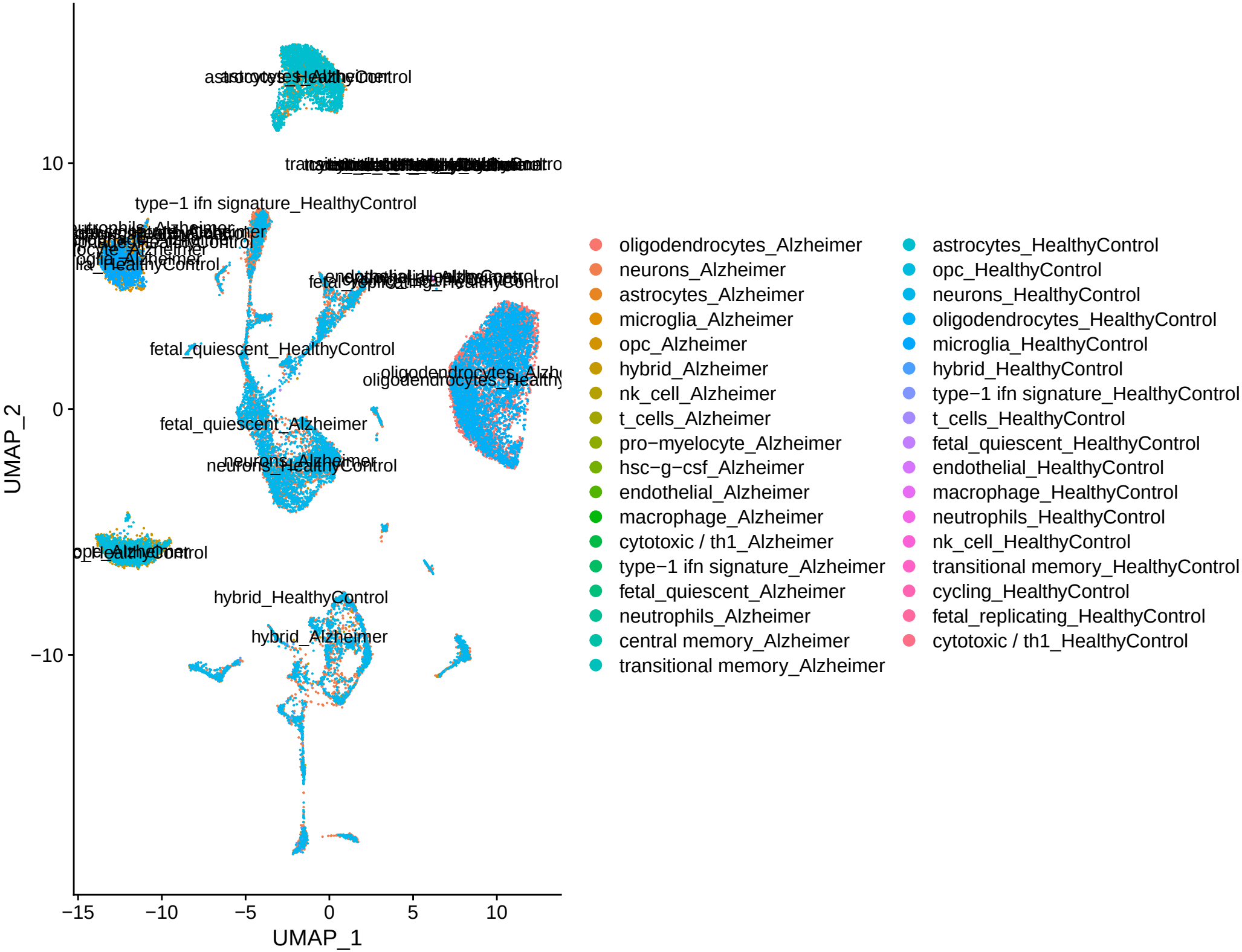
type−1 ifn signature_HealthyControl
fetal_quiescent_HealthyControl
fetal_quiescent_Alzheimer
hybrid_HealthyControl
hybrid_Alzheimer
oligodendrocytes_Alzheimer
neurons_Alzheimer
astrocytes_Alzheimer
microglia_Alzheimer
opc_Alzheimer
hybrid_Alzheimer
nk_cell_Alzheimer
t_cells_Alzheimer
pro−myelocyte_Alzheimer
hsc−g−csf_Alzheimer
endothelial_Alzheimer
macrophage_Alzheimer
cytotoxic / th1_Alzheimer
type−1 ifn signature_Alzheimer
fetal_quiescent_Alzheimer
neutrophils_Alzheimer
central memory_Alzheimer
transitional memory_Alzheimer
astrocytes_HealthyControl
opc_HealthyControl
neurons_HealthyControl
oligodendrocytes_HealthyControl
microglia_HealthyControl
hybrid_HealthyControl
type−1 ifn signature_HealthyControl
t_cells_HealthyControl
fetal_quiescent_HealthyControl
endothelial_HealthyControl
macrophage_HealthyControl
neutrophils_HealthyControl
nk_cell_HealthyControl
transitional memory_HealthyControl
cycling_HealthyControl
fetal_replicating_HealthyControl
cytotoxic / th1_HealthyControl


UMAP_2
UMAP_1
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−10
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−10
−5
0
5
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type−1 ifn signature_HealthyControl
fetal_quiescent_HealthyControl
fetal_quiescent_Alzheimer
hybrid_HealthyControl
hybrid_Alzheimer
oligodendrocytes_Alzheimer
neurons_Alzheimer
astrocytes_Alzheimer
microglia_Alzheimer
opc_Alzheimer
hybrid_Alzheimer
nk_cell_Alzheimer
t_cells_Alzheimer
pro−myelocyte_Alzheimer
hsc−g−csf_Alzheimer
endothelial_Alzheimer
macrophage_Alzheimer
cytotoxic / th1_Alzheimer
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neutrophils_Alzheimer
central memory_Alzheimer
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opc_HealthyControl
neurons_HealthyControl
oligodendrocytes_HealthyControl
microglia_HealthyControl
hybrid_HealthyControl
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cytotoxic / th1_HealthyControl