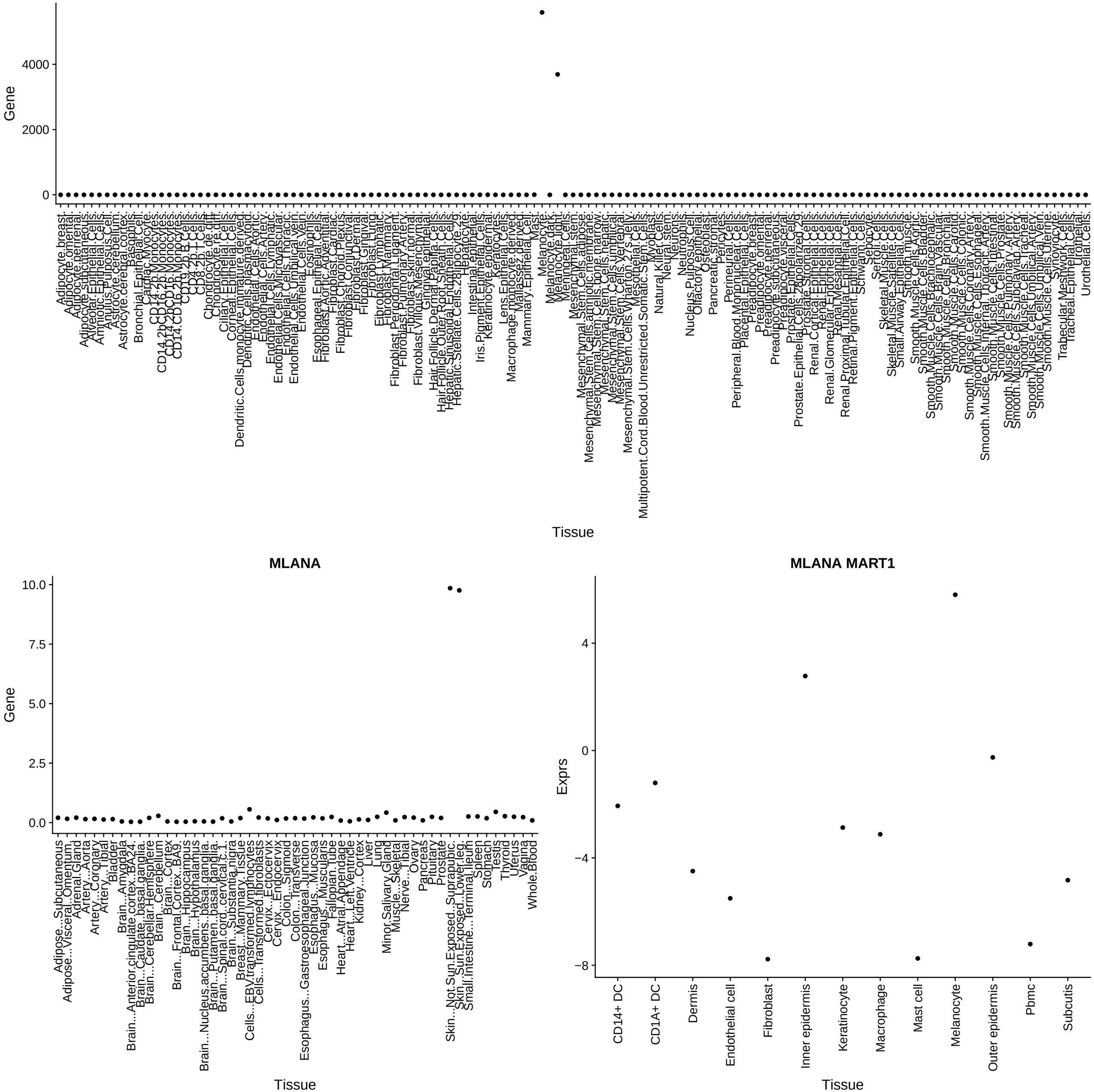
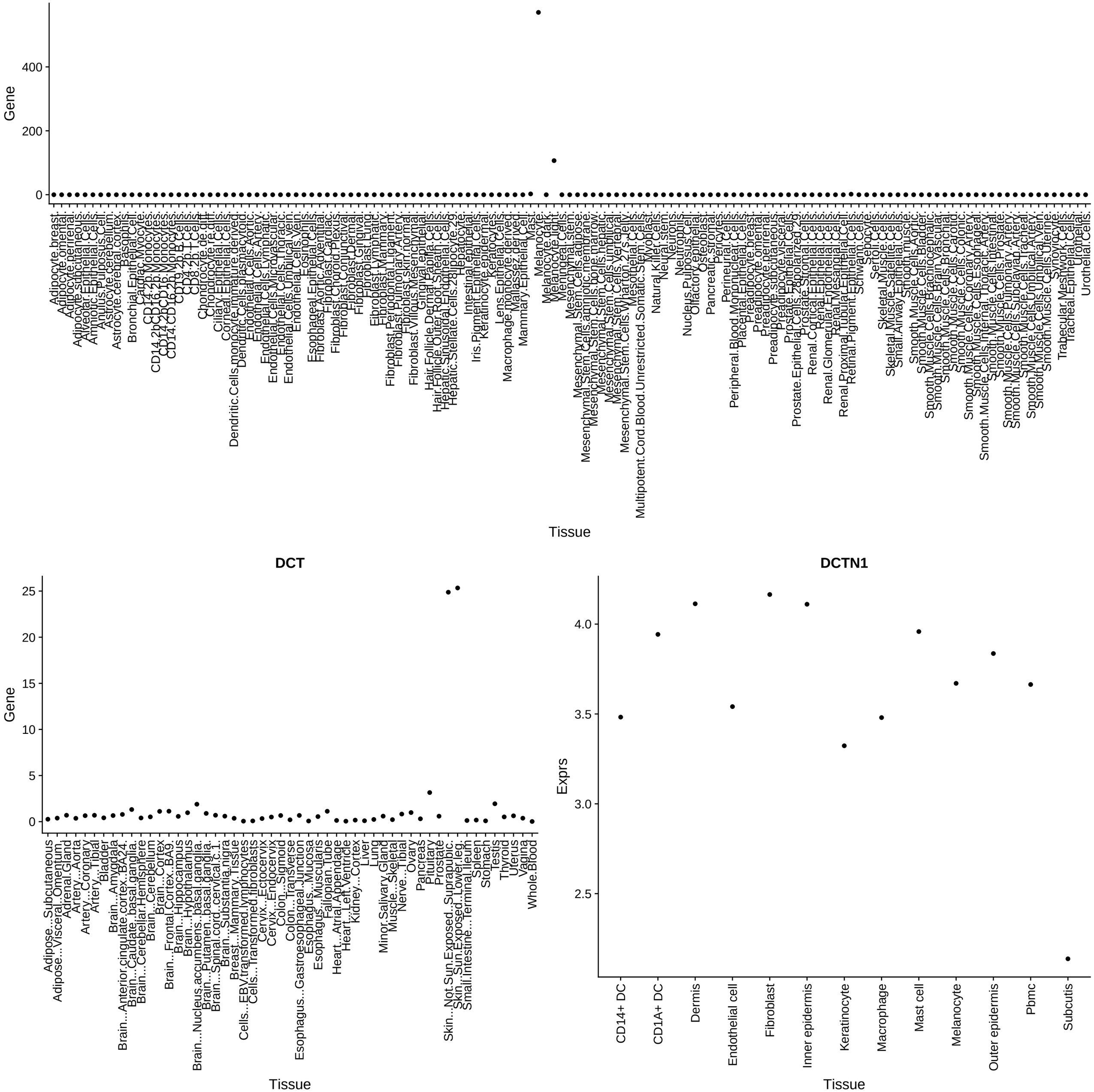
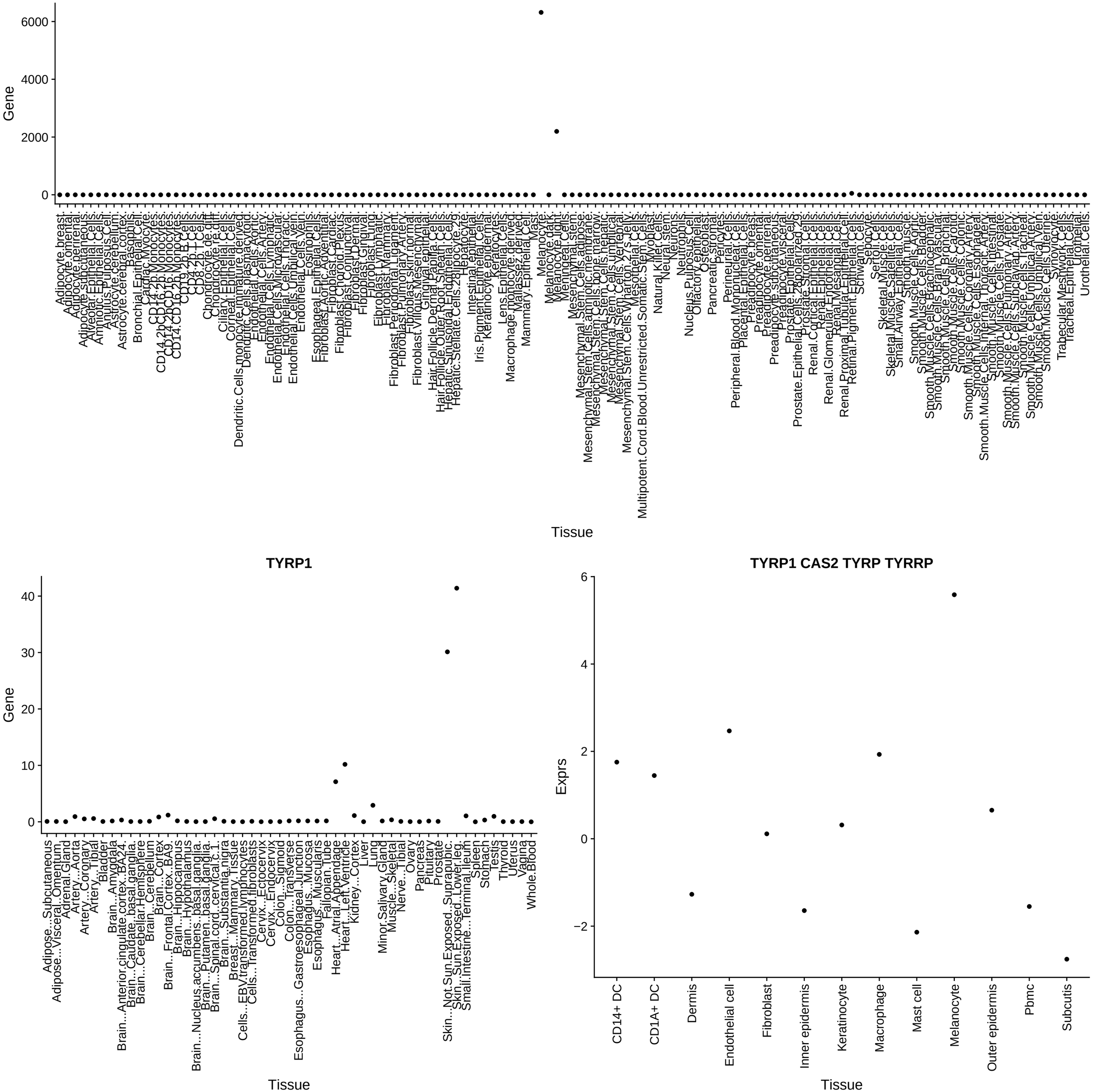
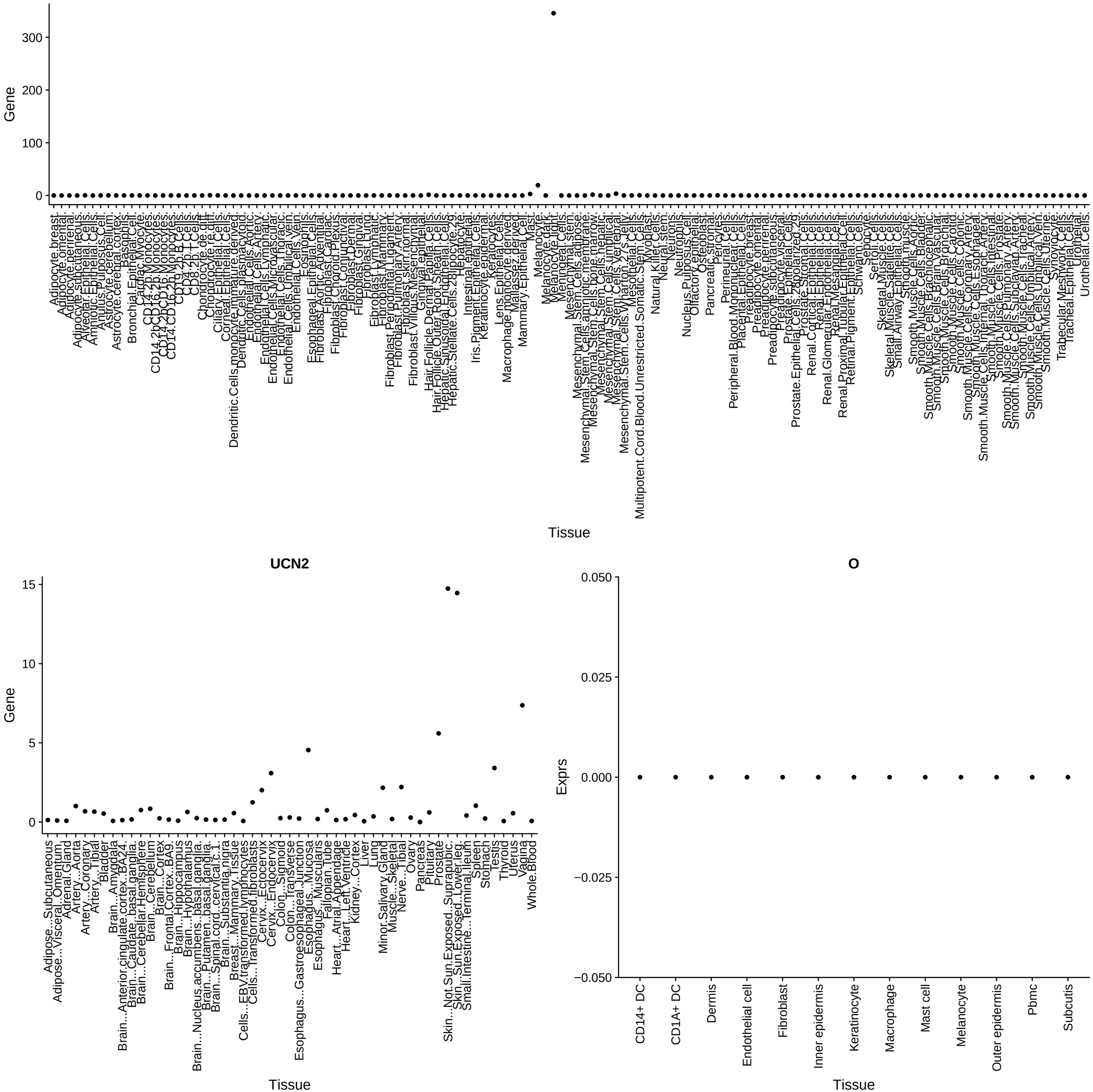
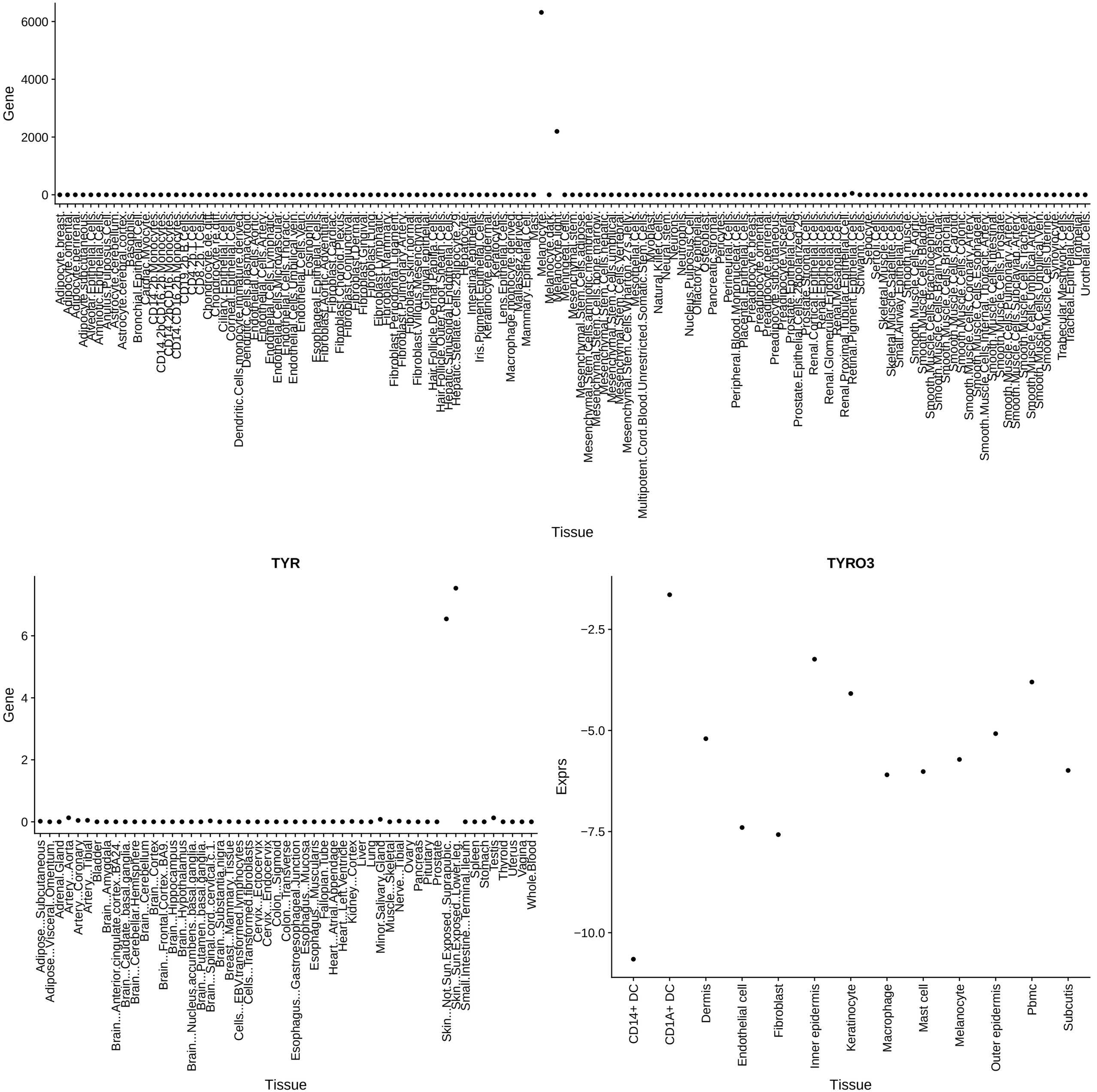
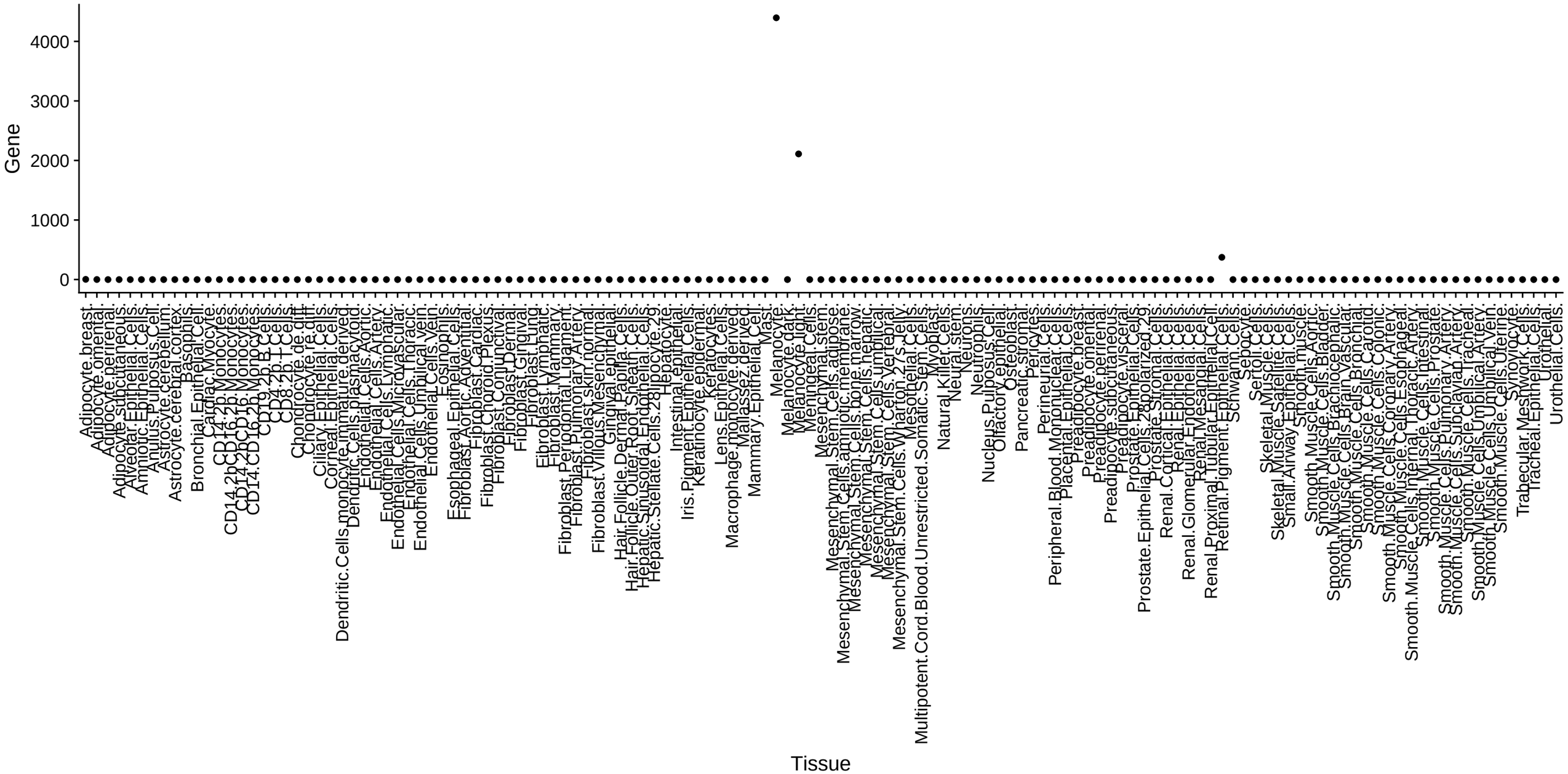

Gene
4000
2000
0
Tissue
MLANA
10.0
7.5
5.0
2.5
0.0
Gene
Tissue
MLANA MART1
4
0
−4
−8
Exprs
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis
Tissue

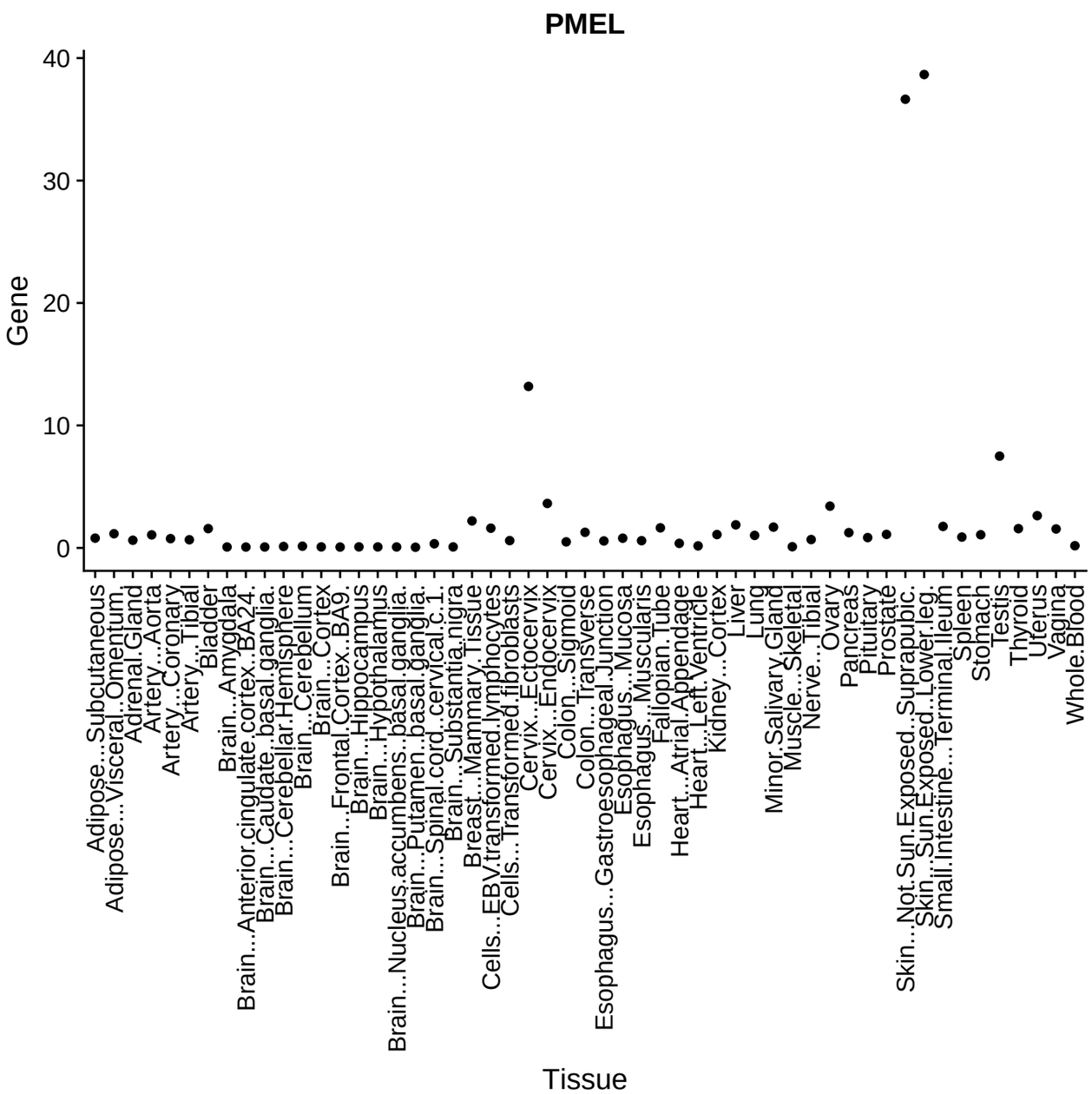

Gene
400
200
0
Tissue
DCT
Gene
25
20
15
10
5
0
Tissue
DCTN1
Exprs
4.0
3.5
3.0
2.5
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis
Tissue

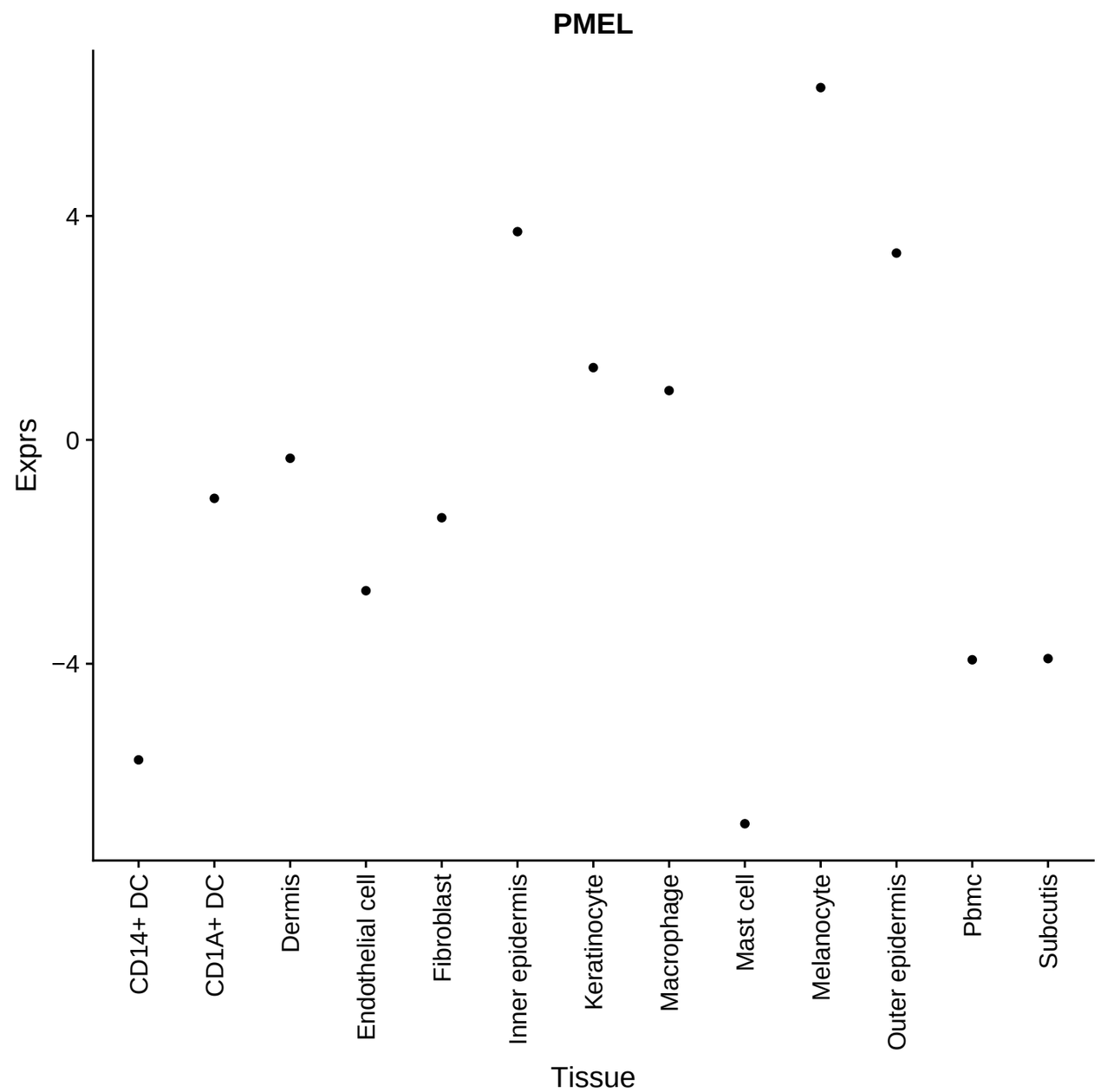

Gene
6000
4000
2000
0
Tissue
TYRP1
Gene
40
30
20
10
0
Tissue
TYRP1 CAS2 TYRP TYRRP
Exprs
6
4
2
0
−2
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis
Tissue

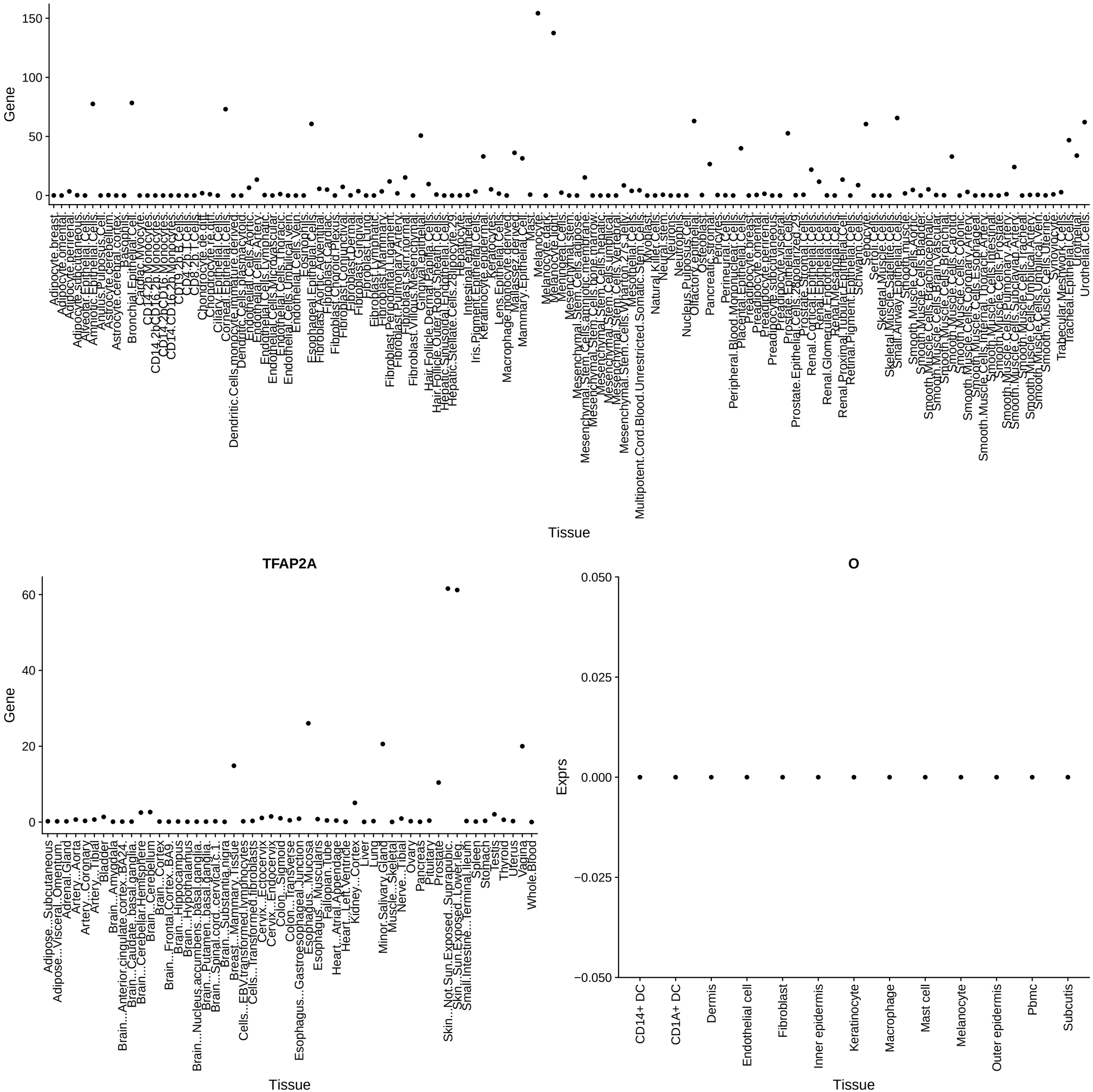

Gene
Tissue
UCN2
Gene
Tissue
O
Exprs
Tissue
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis

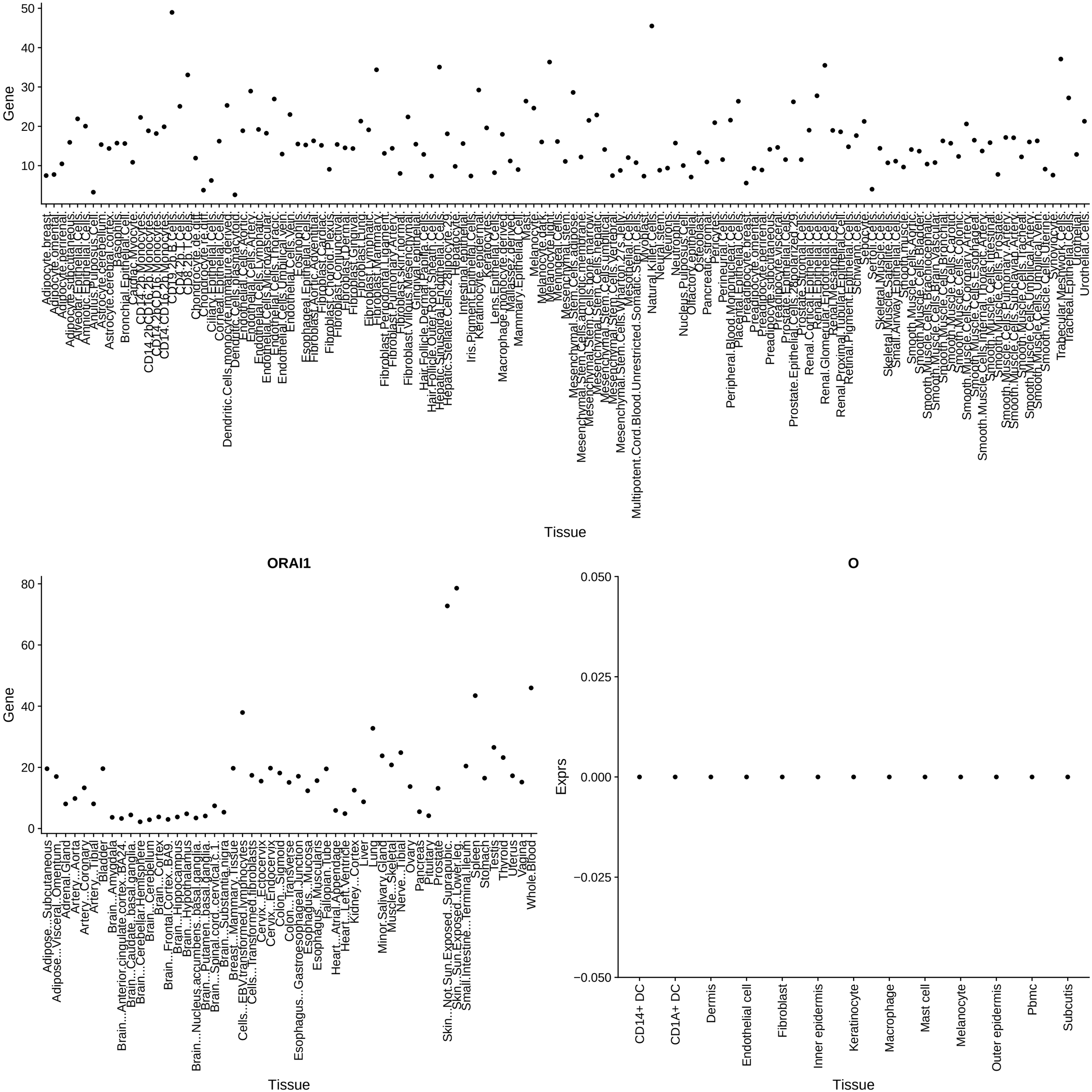

Gene
6000
4000
2000
0
Tissue
TYR
Gene
6
4
2
0
Tissue
TYRO3
Exprs
−2.5
−5.0
−7.5
−10.0
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis
Tissue

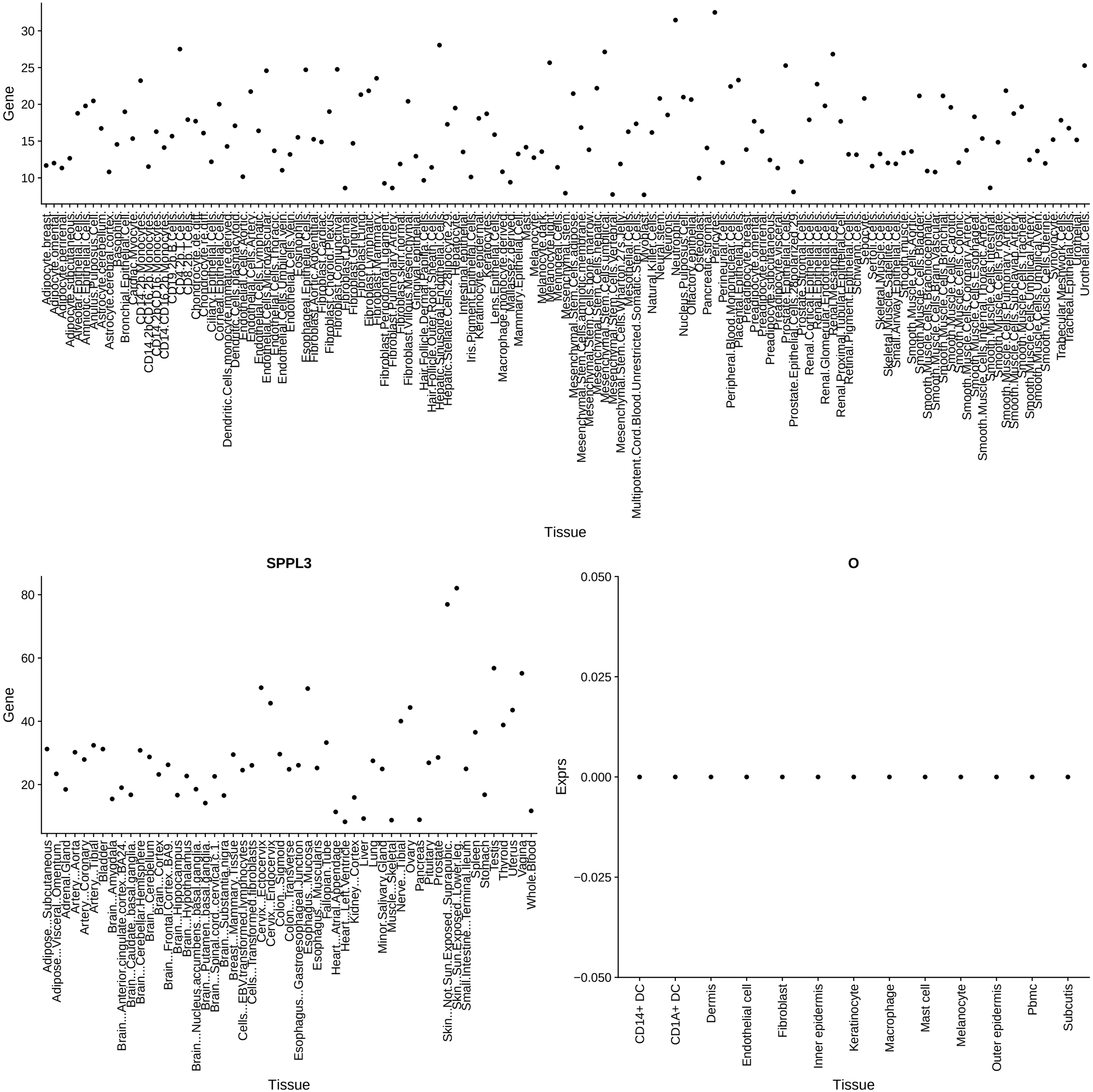

Gene
4000
3000
2000
1000
0
Tissue

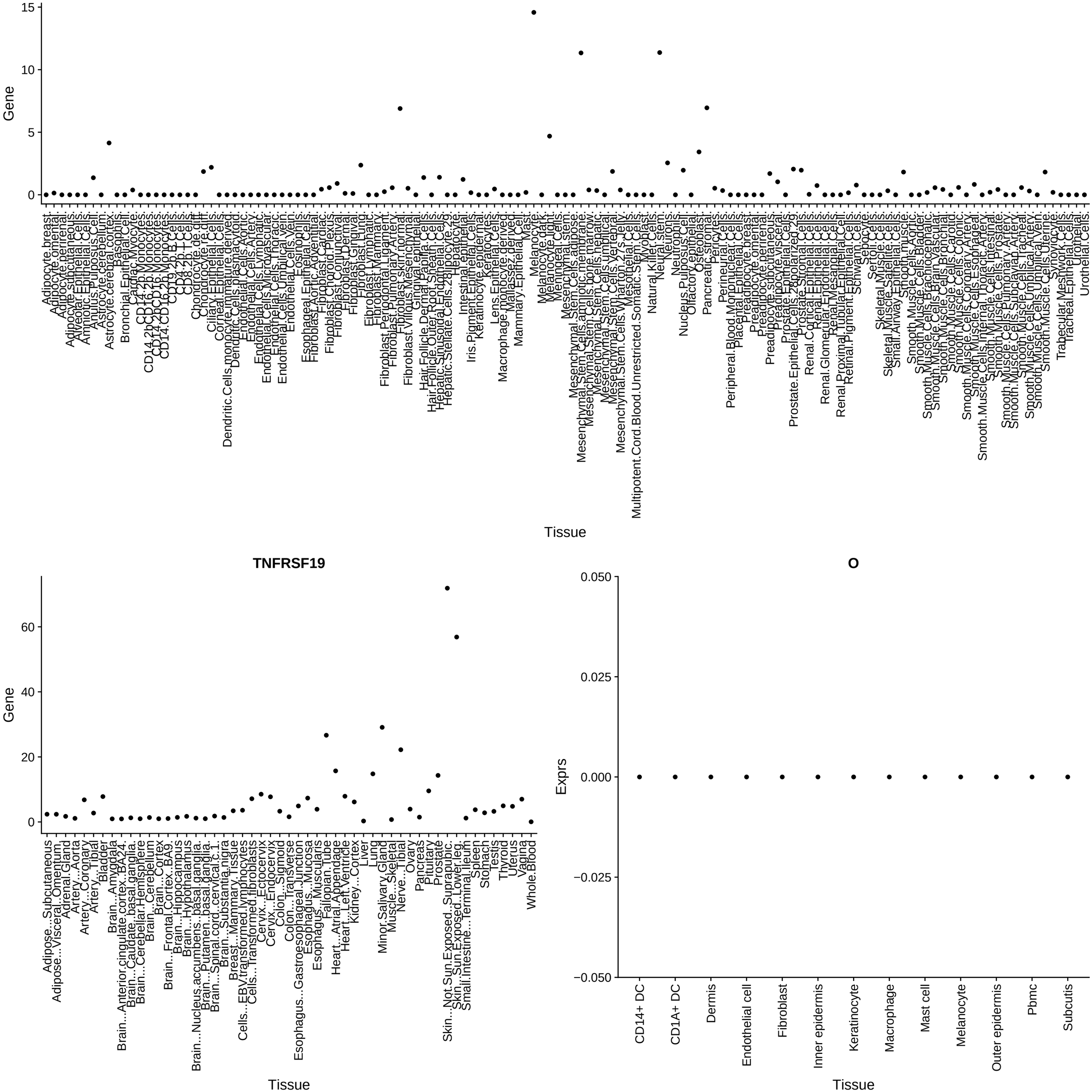

PMEL
Gene
40
30
20
10
0
Tissue

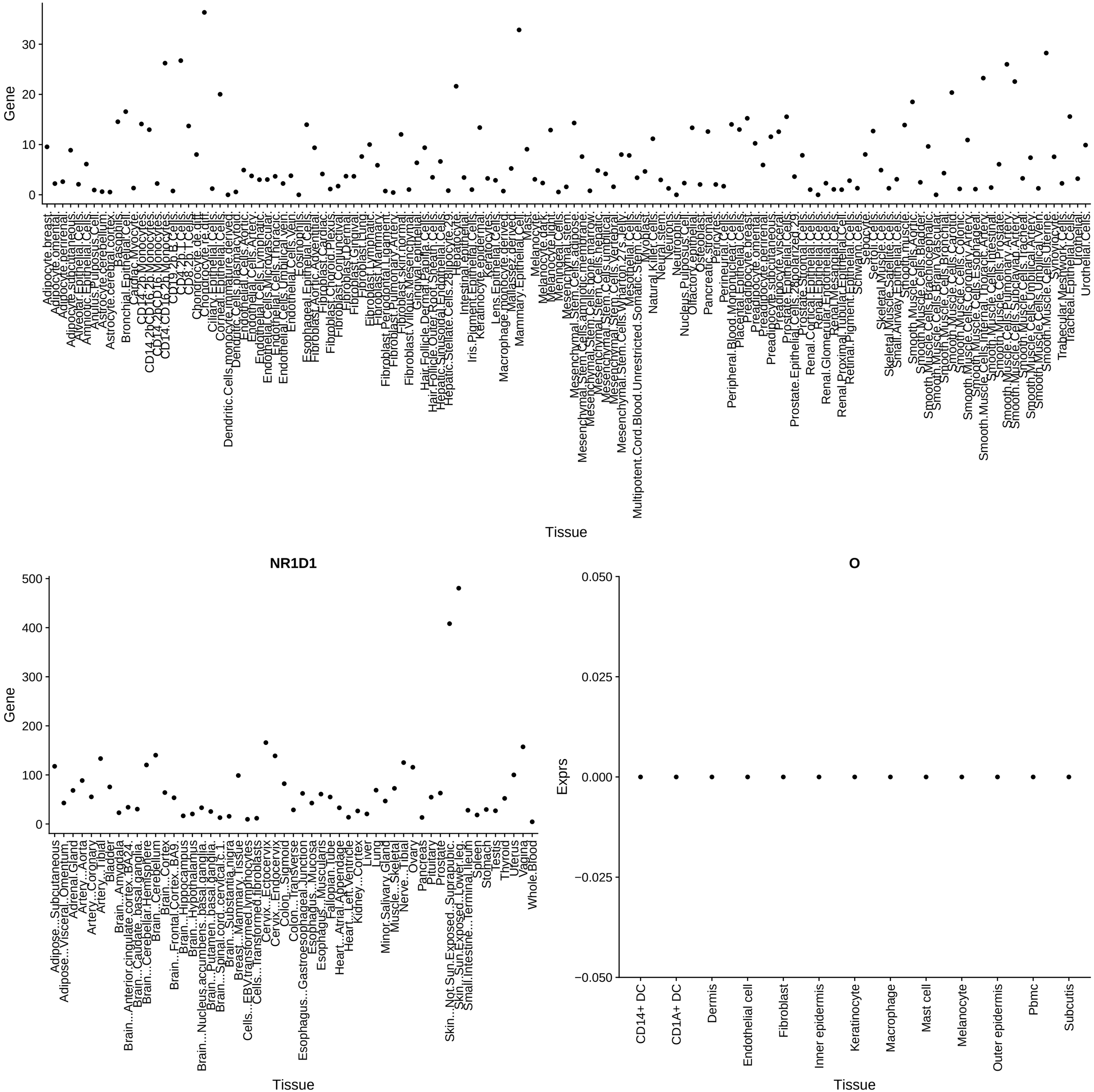

PMEL
Exprs
4
0
−4
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis
Tissue

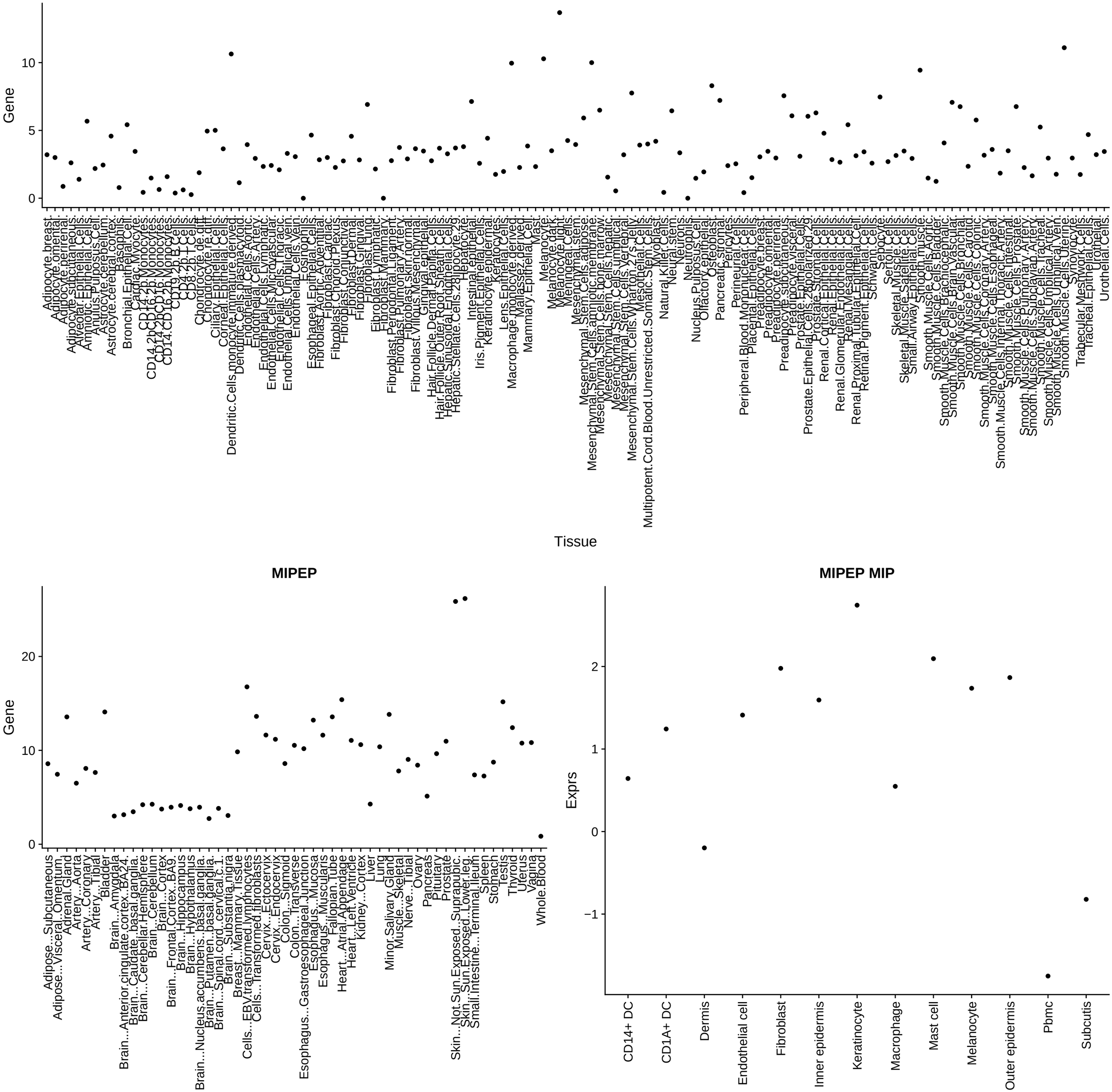

Gene
Tissue
TFAP2A
O
Exprs
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis


Gene
Tissue
ORAI1
O
Exprs
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis


Gene
Tissue
SPPL3
O
Exprs
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis


Gene
Tissue
TNFRSF19
Gene
Tissue
O
Exprs
Tissue
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis


Gene
Tissue
NR1D1
Gene
Tissue
O
Exprs
Tissue
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis


Gene
Tissue
MIPEP
MIPEP MIP
Exprs
CD14+ DC
CD1A+ DC
Dermis
Endothelial cell
Fibroblast
Inner epidermis
Keratinocyte
Macrophage
Mast cell
Melanocyte
Outer epidermis
Pbmc
Subcutis