

Figure 1

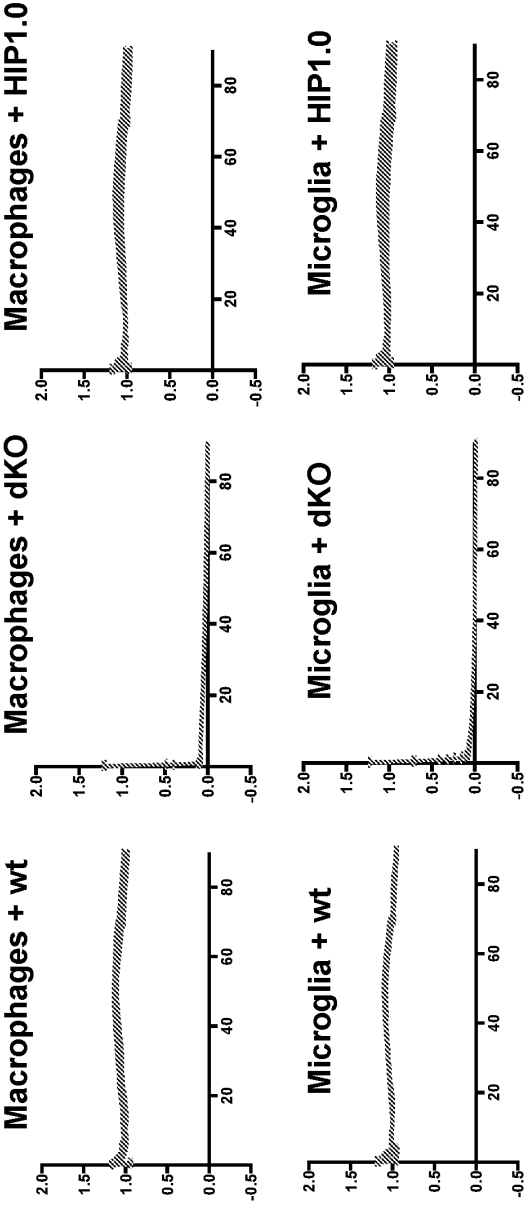
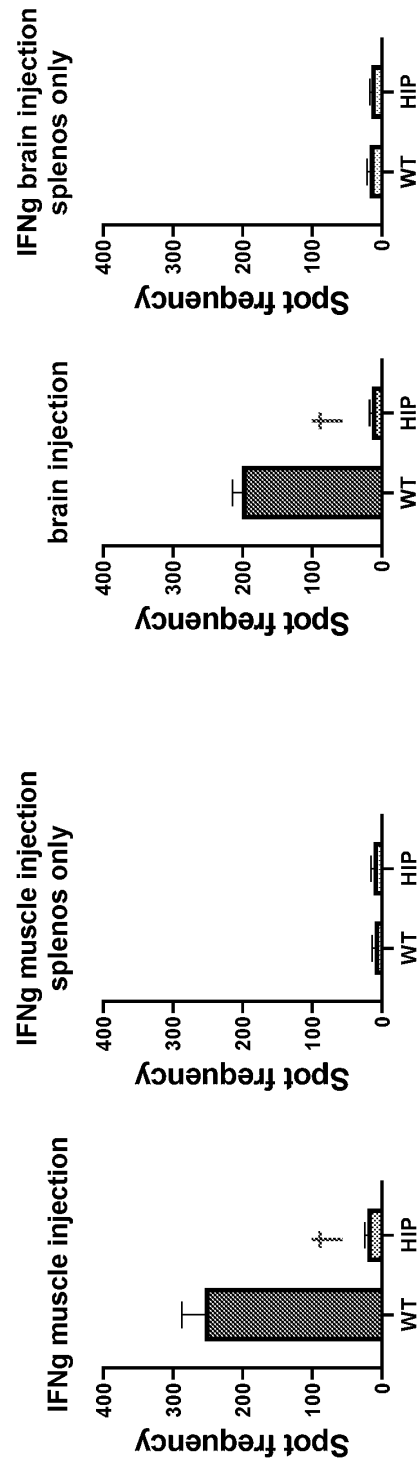


Figure 2
Elispot Assay IFN γ



unpaired T-Test † p<0.01

Figure 3

Donor Specific Antibodies (DSA)

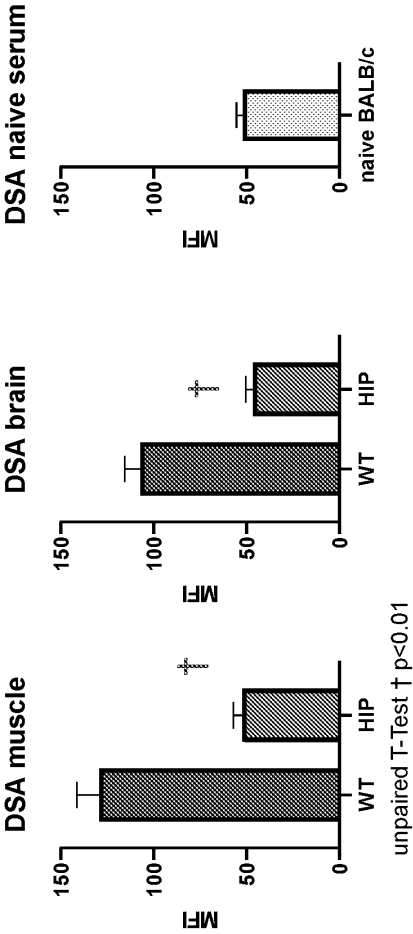


Figure 4

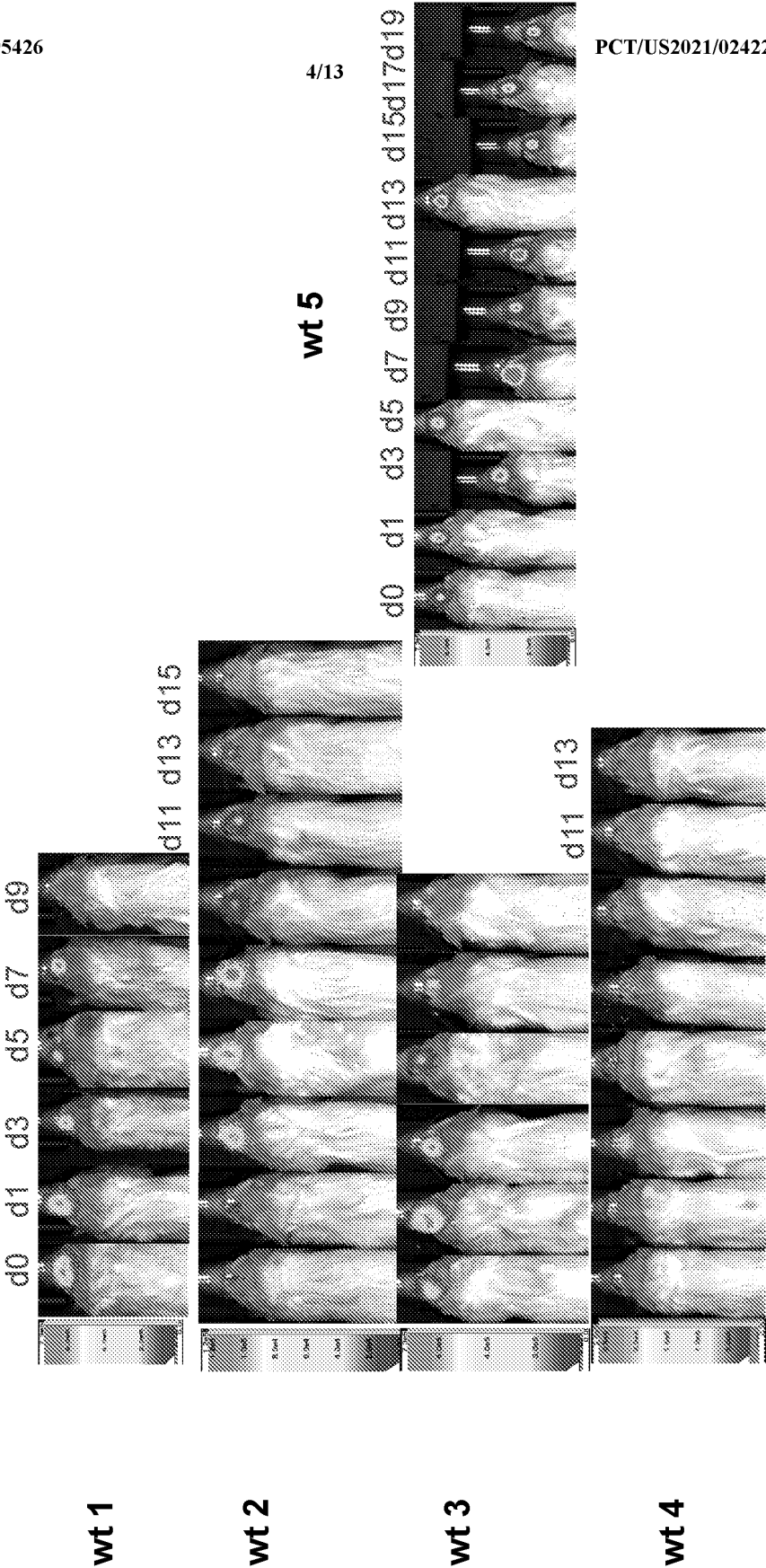


Figure 5

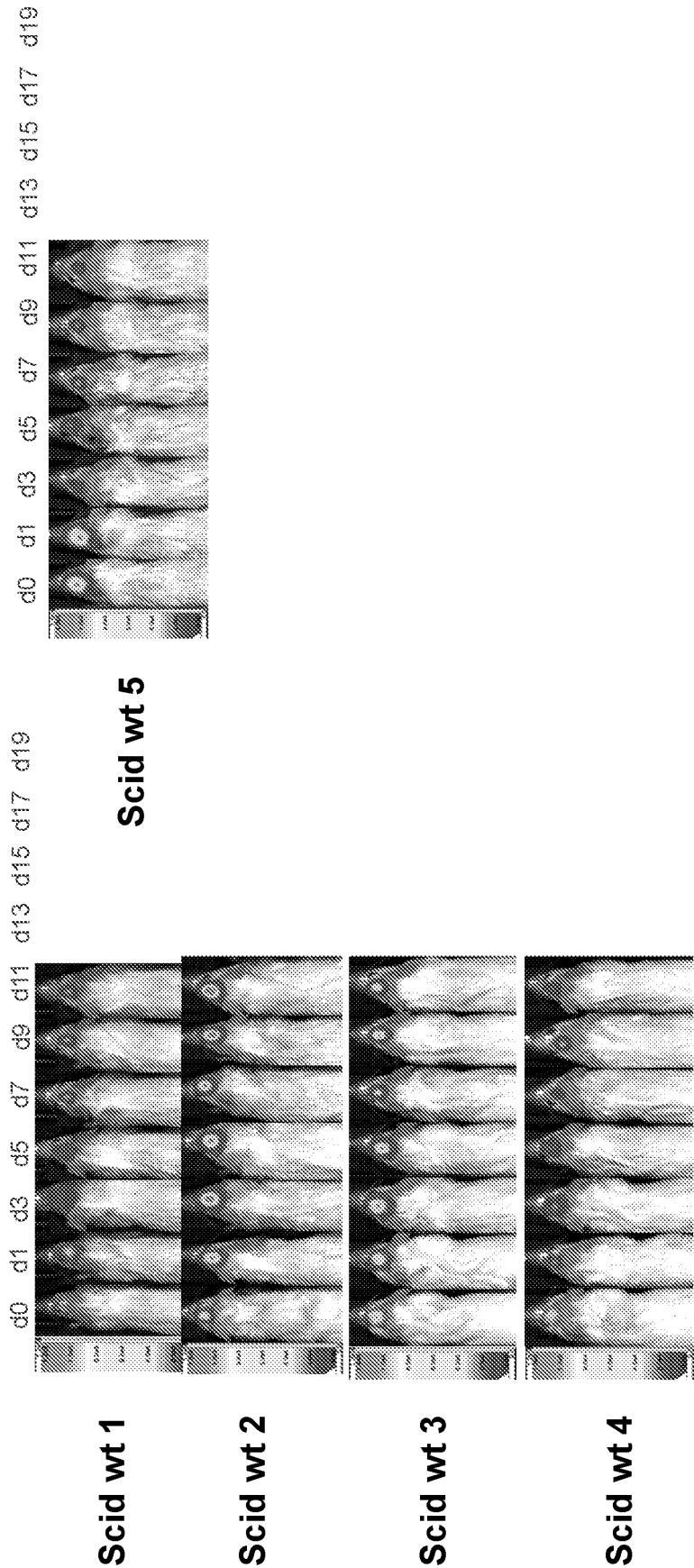


Figure 6

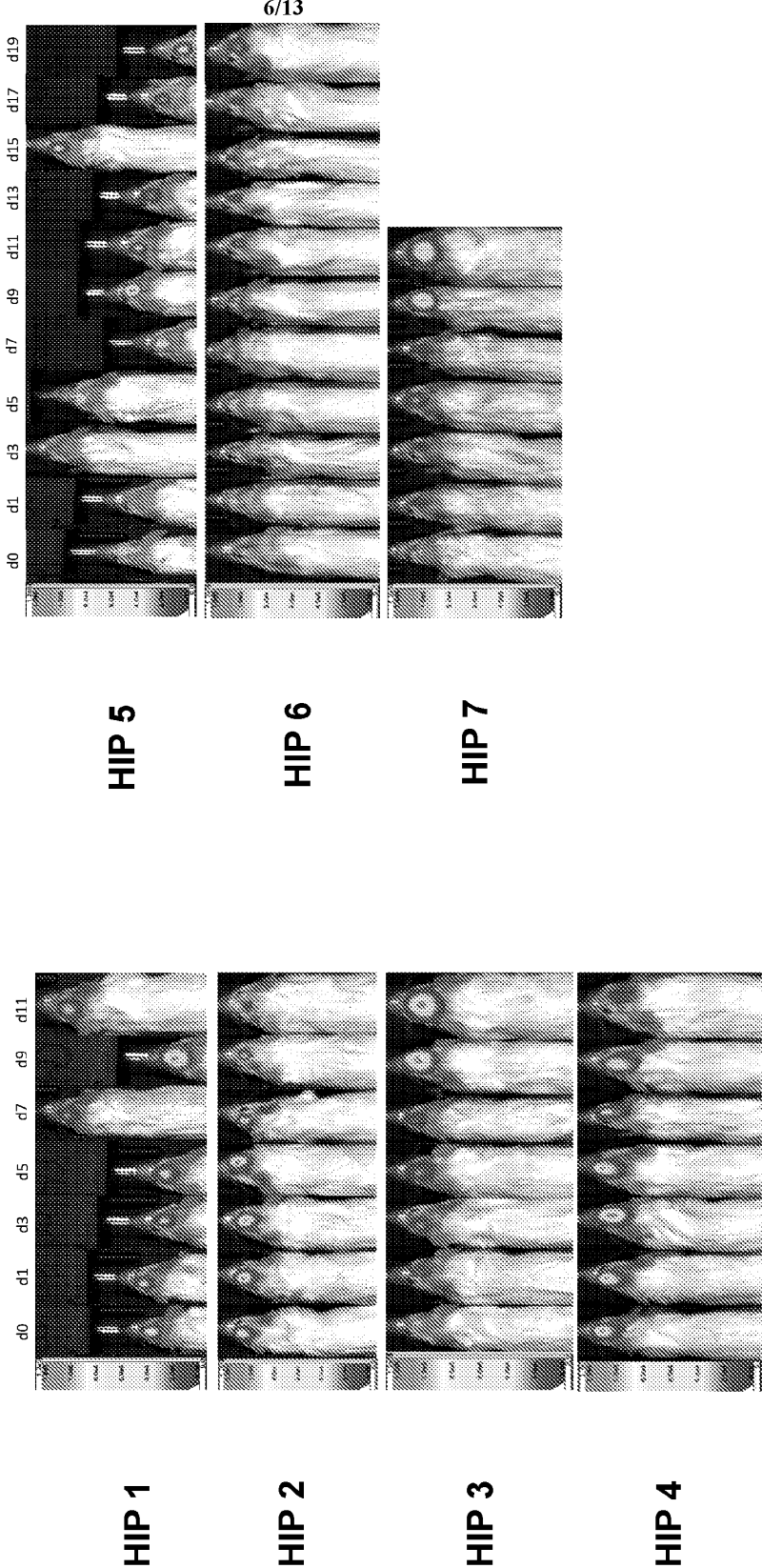


Figure 7

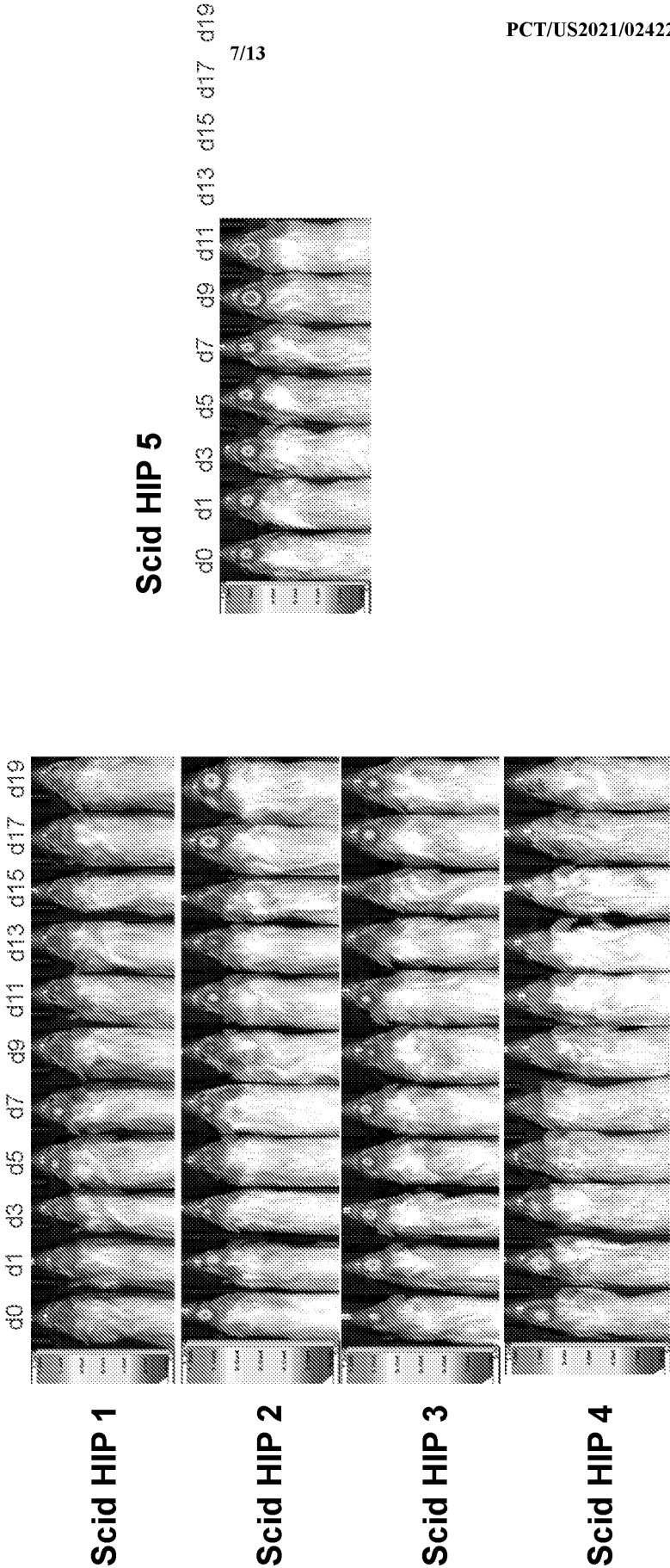


Figure 8A

Allogeneic

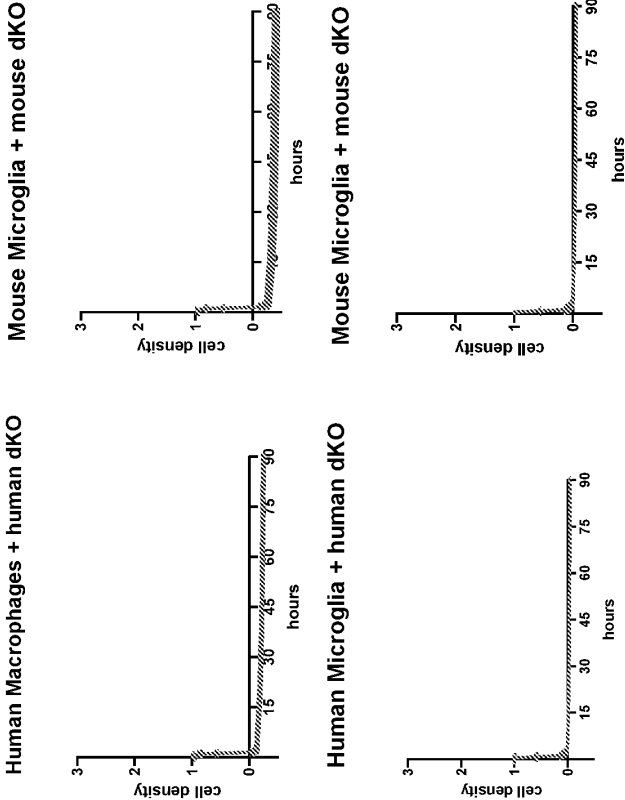


Figure 8B

Xenogeneic (cross-species)

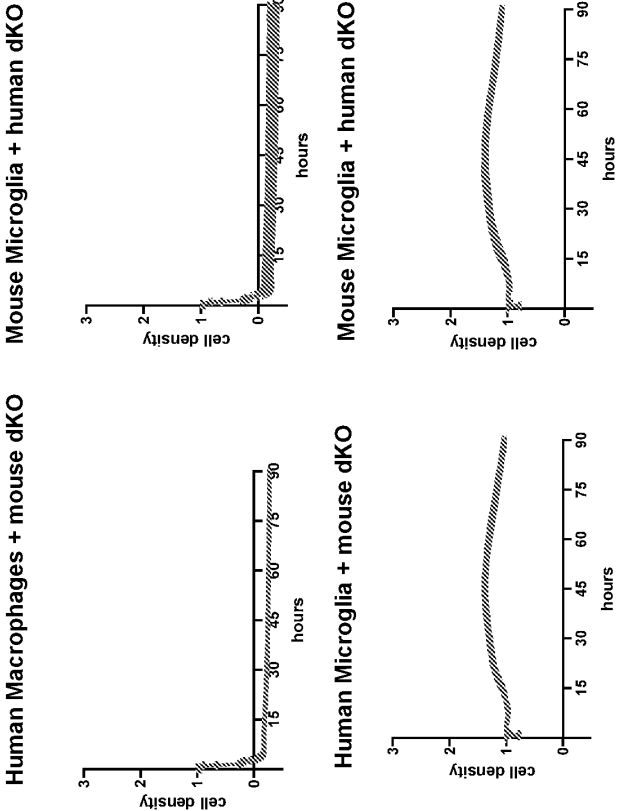


Figure 9

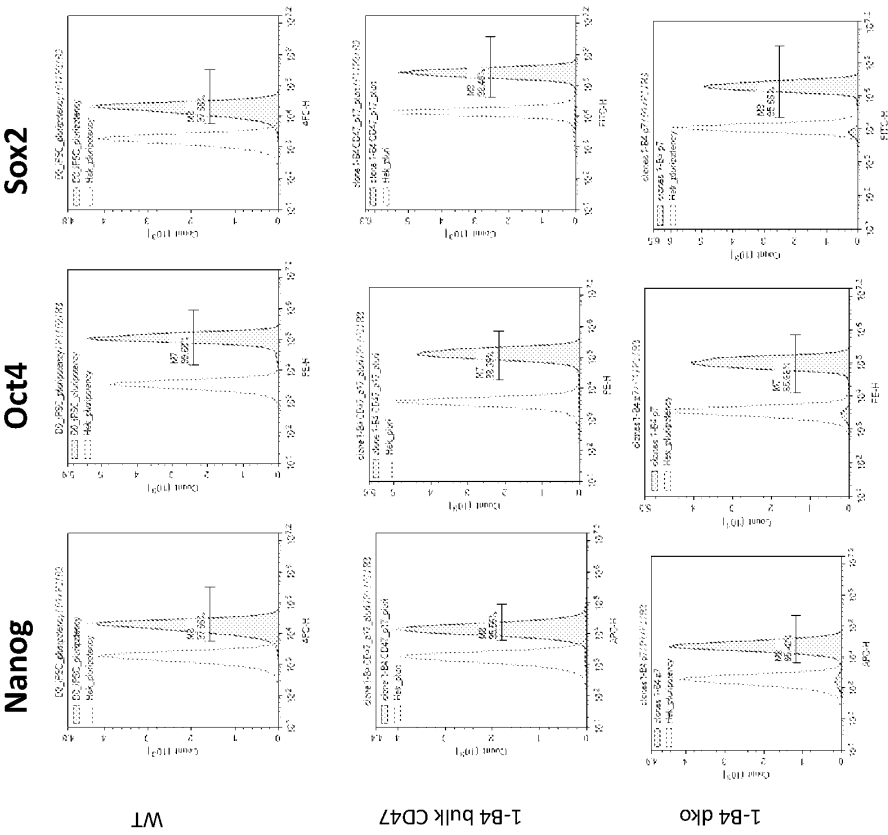
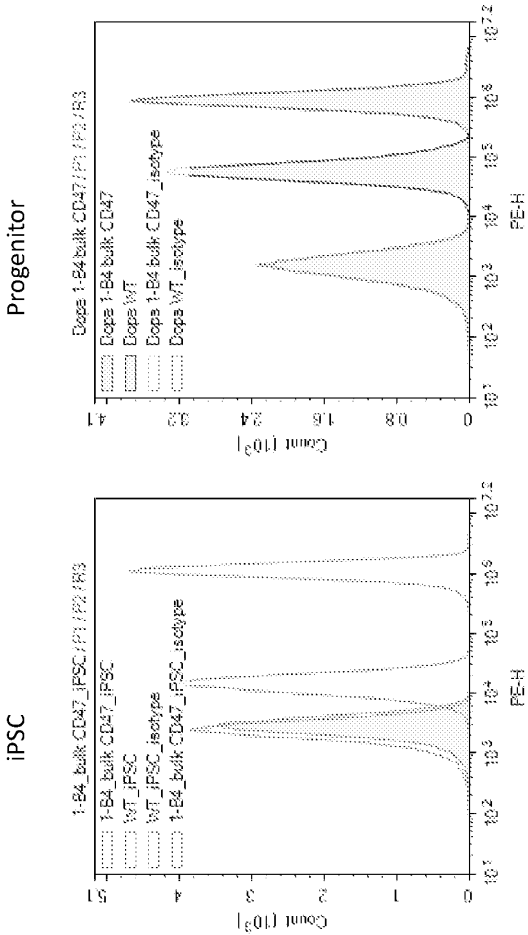


Figure 10 displays 24 flow cytometry histograms arranged in a 6x4 grid, showing the expression of various transcription factors (TFs) in WT and 1-B4 dko cells. The columns represent the TFs: Pax6, Sox1, Nkx2.2, Nkx2.1, Nkx6.1, and Otx2. The rows represent the cell types: WT (top) and 1-B4 dko (bottom). Each histogram plots 'Count (10³)' on the y-axis against 'PE-H' (log scale) on the x-axis. The histograms are color-coded: WT (grey) and 1-B4 dko (black). The histograms show the distribution of TF expression levels. In WT cells, the expression of Pax6, Sox1, Nkx2.2, Nkx2.1, and Nkx6.1 is high, while Otx2 is low. In 1-B4 dko cells, the expression of Pax6, Sox1, Nkx2.2, and Nkx2.1 is high, while Nkx6.1 and Otx2 are low. The histograms are labeled with the TF name and the cell type (WT or 1-B4 dko) in the top right corner. The y-axis is labeled 'Count (10³)' and the x-axis is labeled 'PE-H'.

1-B4 dko

Figure 11



Fold Change over isotype

Fold

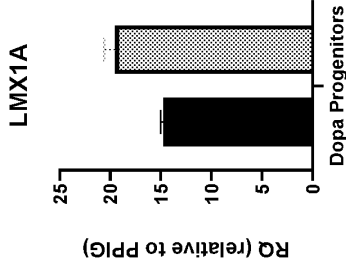
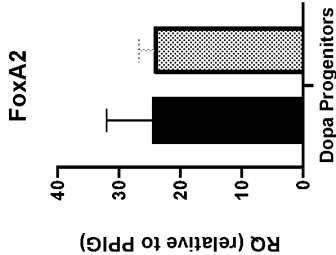
Fold Change over WT

Fold

iPSC	WT iPSC		5.96
	1-B4 iPSC		396.43
Dopa Progenitor	WT Dopa Progenitor		39.01
	1-B4 Progenitor		599.67

Figure 12A

Progenitor



1-week neuronal maturation

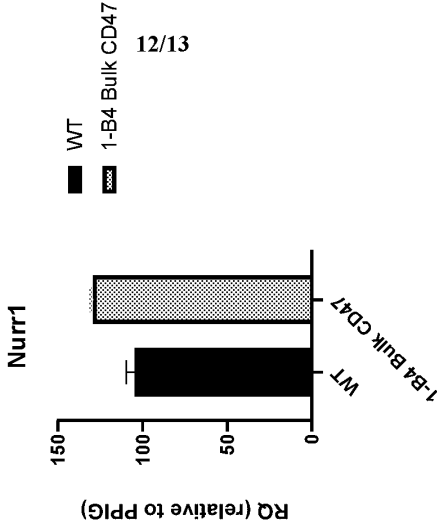


Figure 12B

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Figure 13

