

cell-type specific gene enrichments:
sexDEX results
or
WGCNA modules?

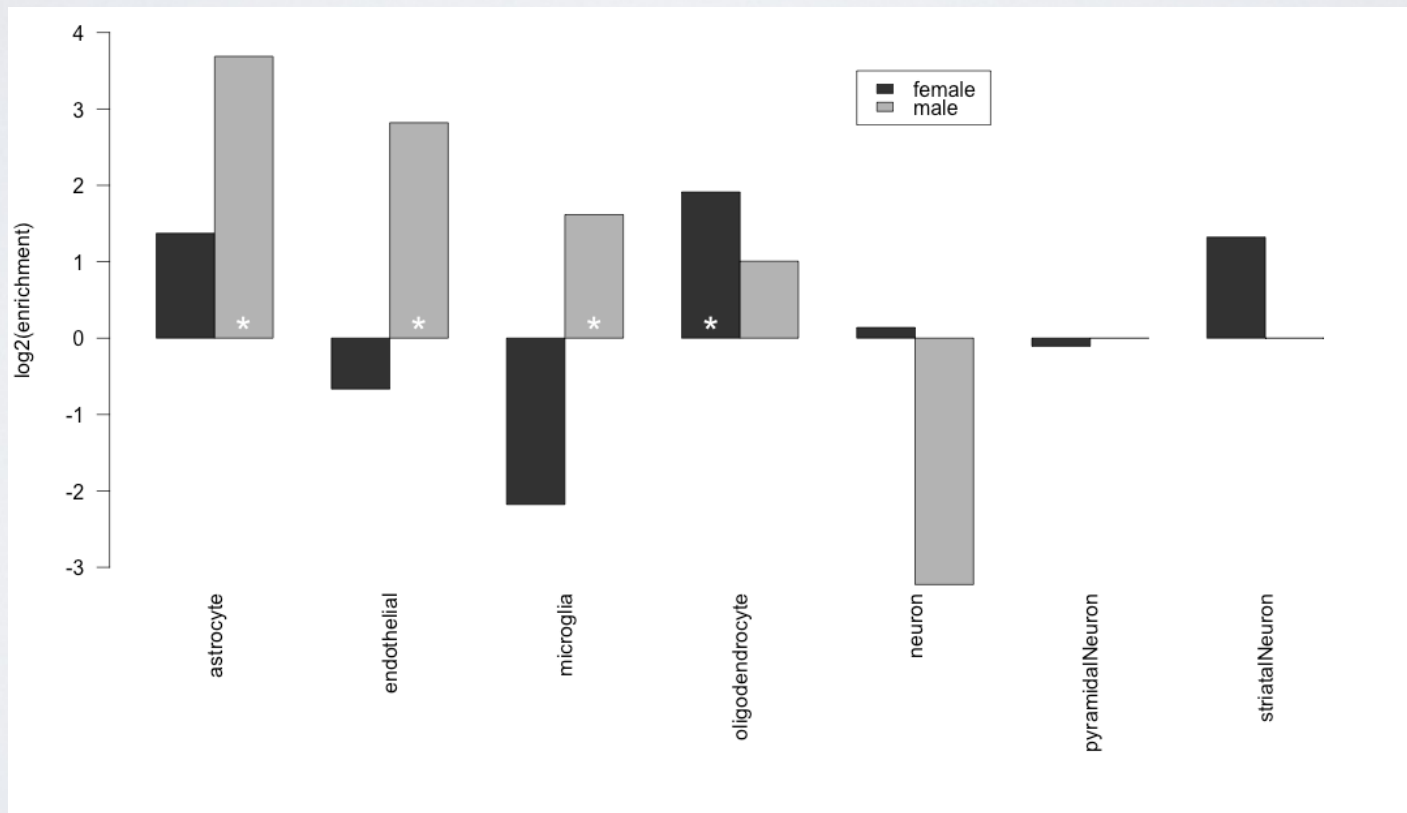
identify enrichment of cell-type specific genes
in **sexDEX** results

identify enrichment of cell-type specific genes in **sexDEX** results

significant enrichment (<1%FDR) for:

male-upregulated genes in **all glia except oligos**

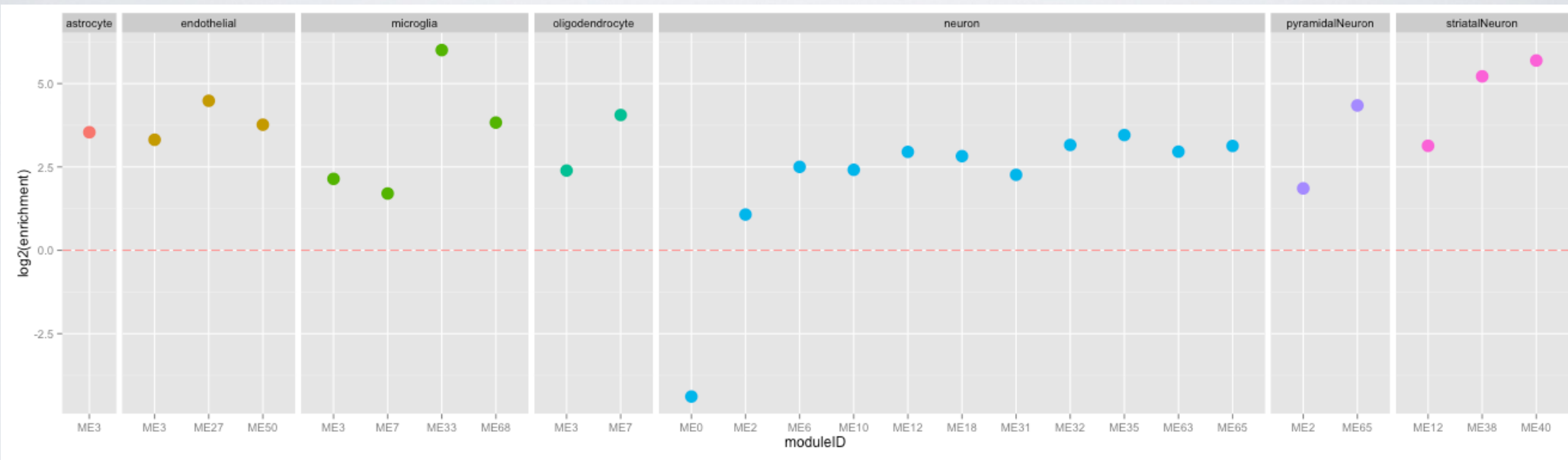
female-upregulated genes in **oligodendrocytes**



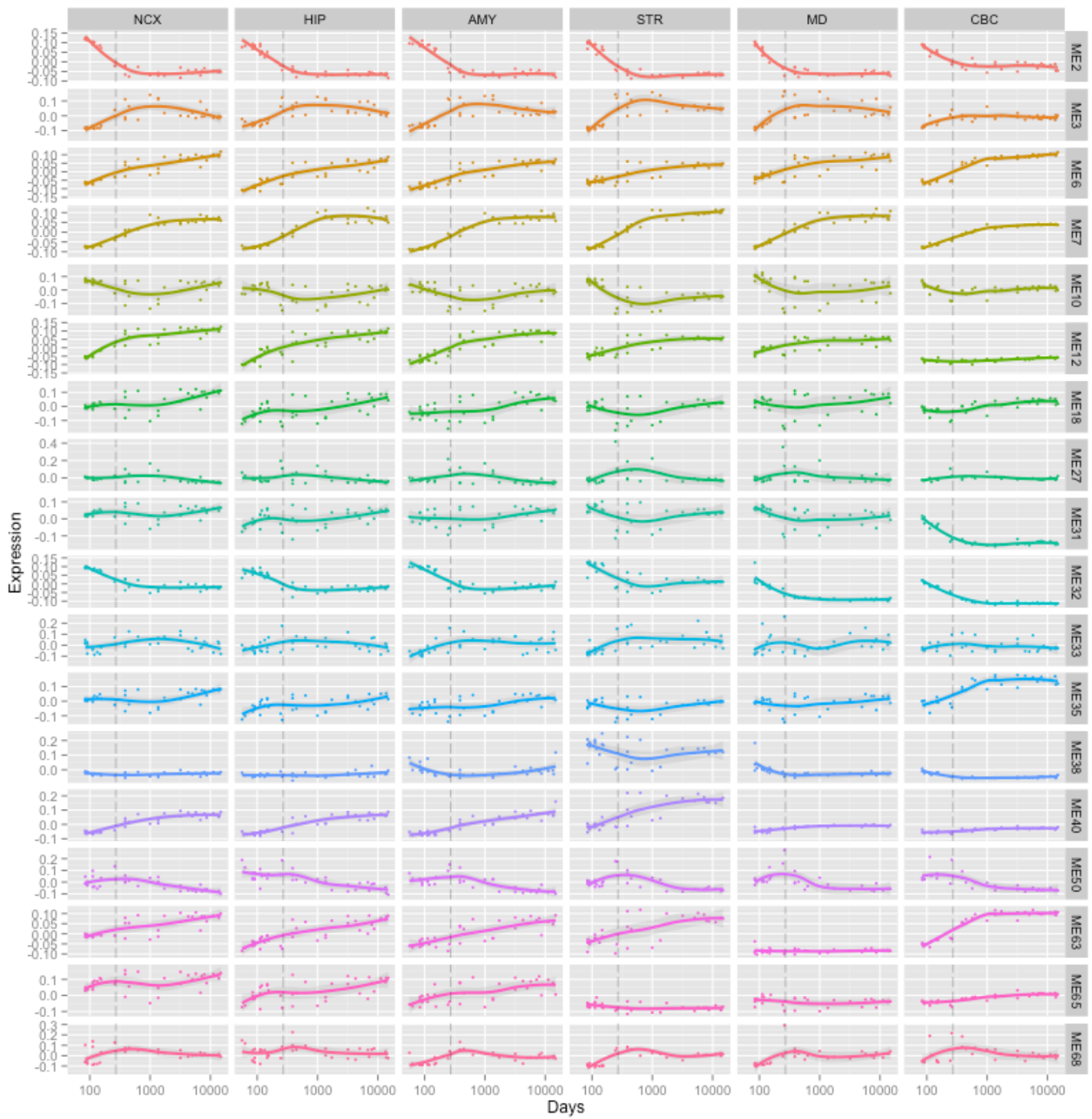
identify enrichment of cell-type specific genes
in **WGCNA** modules

identify enrichment of cell-type specific genes in **WGCNA** modules

significant enrichment (<1%FDR) found in these modules:



enriched cell-type



neuron, pyramidal neuron

all glia

neuron

microglia, oligodendrocytes

neuron

neuron, striatal neuron

neuron

endothelial

neuron

neuron

microglia

neuron

striatal neuron

striatal neuron

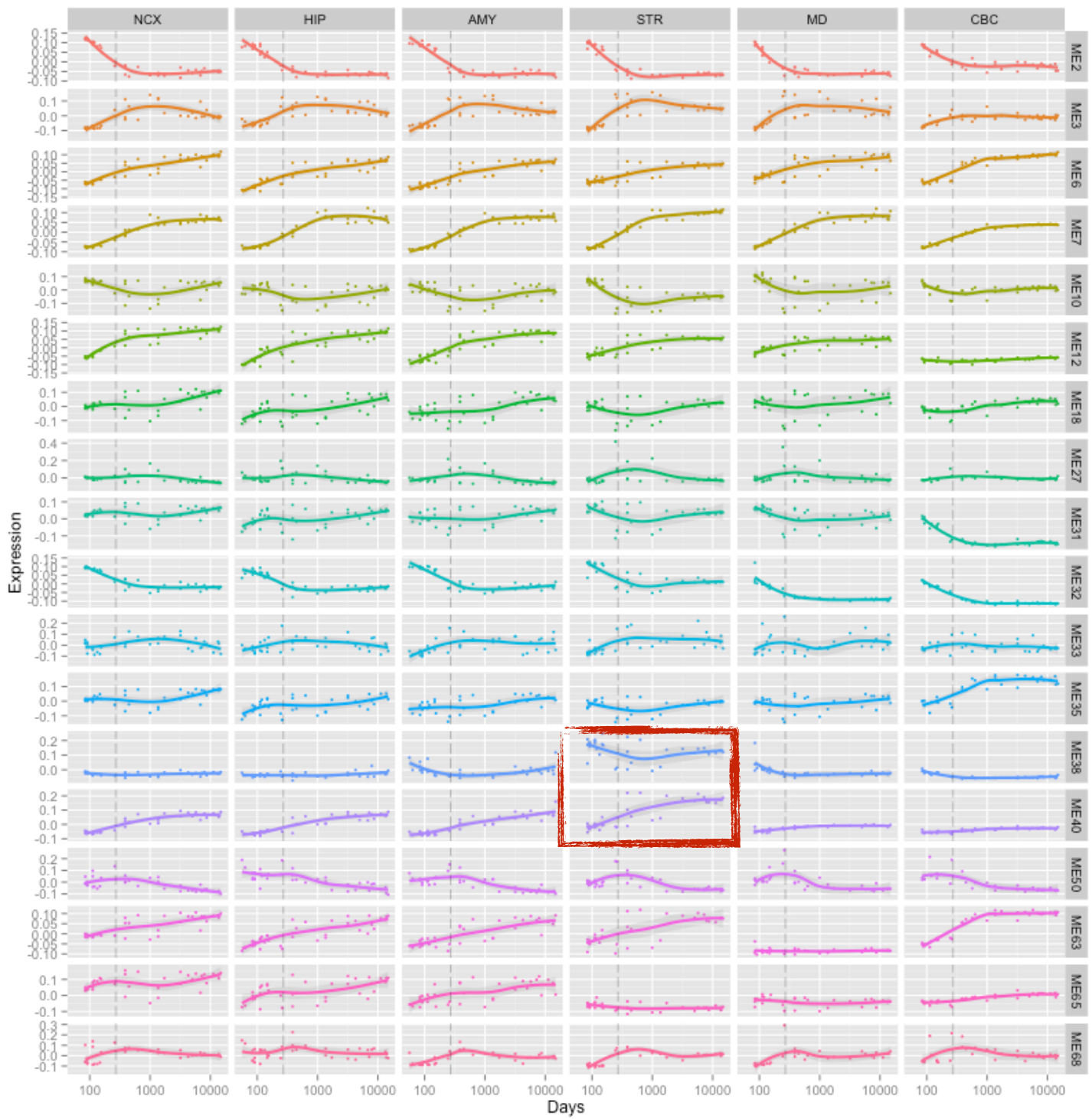
endothelial

neuron

neuron, pyramidal neuron

microglia

enriched cell-type



neuron, pyramidal neuron

all glia

neuron

microglia, oligodendrocytes

neuron

neuron, striatal neuron

neuron

endothelial

neuron

neuron

microglia

neuron

striatal neuron

striatal neuron

endothelial

neuron

neuron, pyramidal neuron

microglia