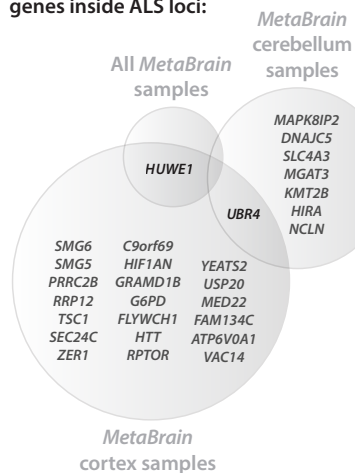
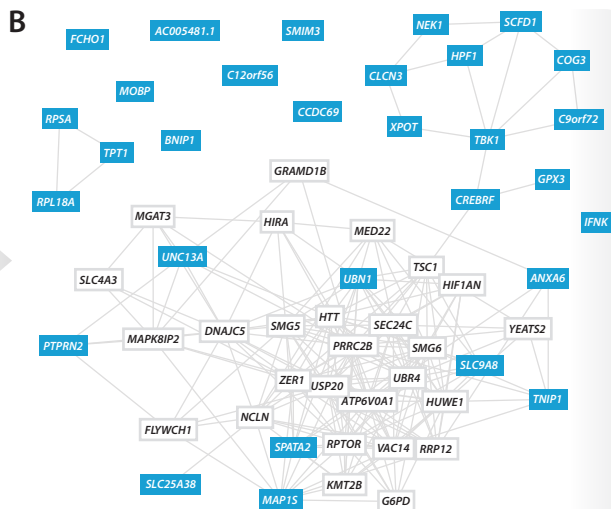


A Genes, co-regulated with genes inside ALS loci:



B

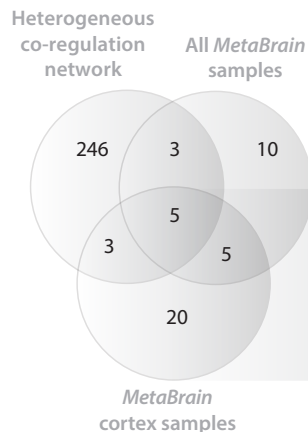


C

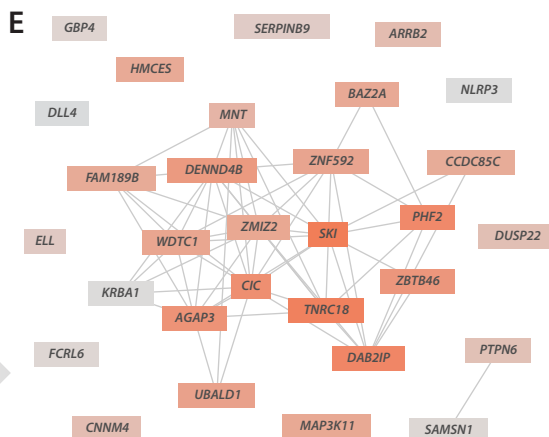
Associated phenotypes:

p-value	HPO enrichments
6.69×10^{-18}	Cerebral visual impairment
1.24×10^{-17}	Gait disturbance
1.33×10^{-17}	Cerebral cortical atrophy
2.11×10^{-17}	Cerebellar atrophy
2.94×10^{-17}	Abnormality of the cerebral white matter

D Genes, co-regulated with genes inside MS loci:



E



F

Associated pathways:

p-value	KEGG enrichments
4.8×10^{-18}	Acute myeloid leukemia
8.3×10^{-17}	T cell receptor signaling pathway
1.6×10^{-15}	Chemokine signaling pathway
1.4×10^{-14}	Neurotrophin signaling pathway
5.7×10^{-14}	Endocytosis