SUPPLEMENTARY MATERIAL

Shared gene-network signatures between human heavy metal proteome, neurological disorders and cancer types.

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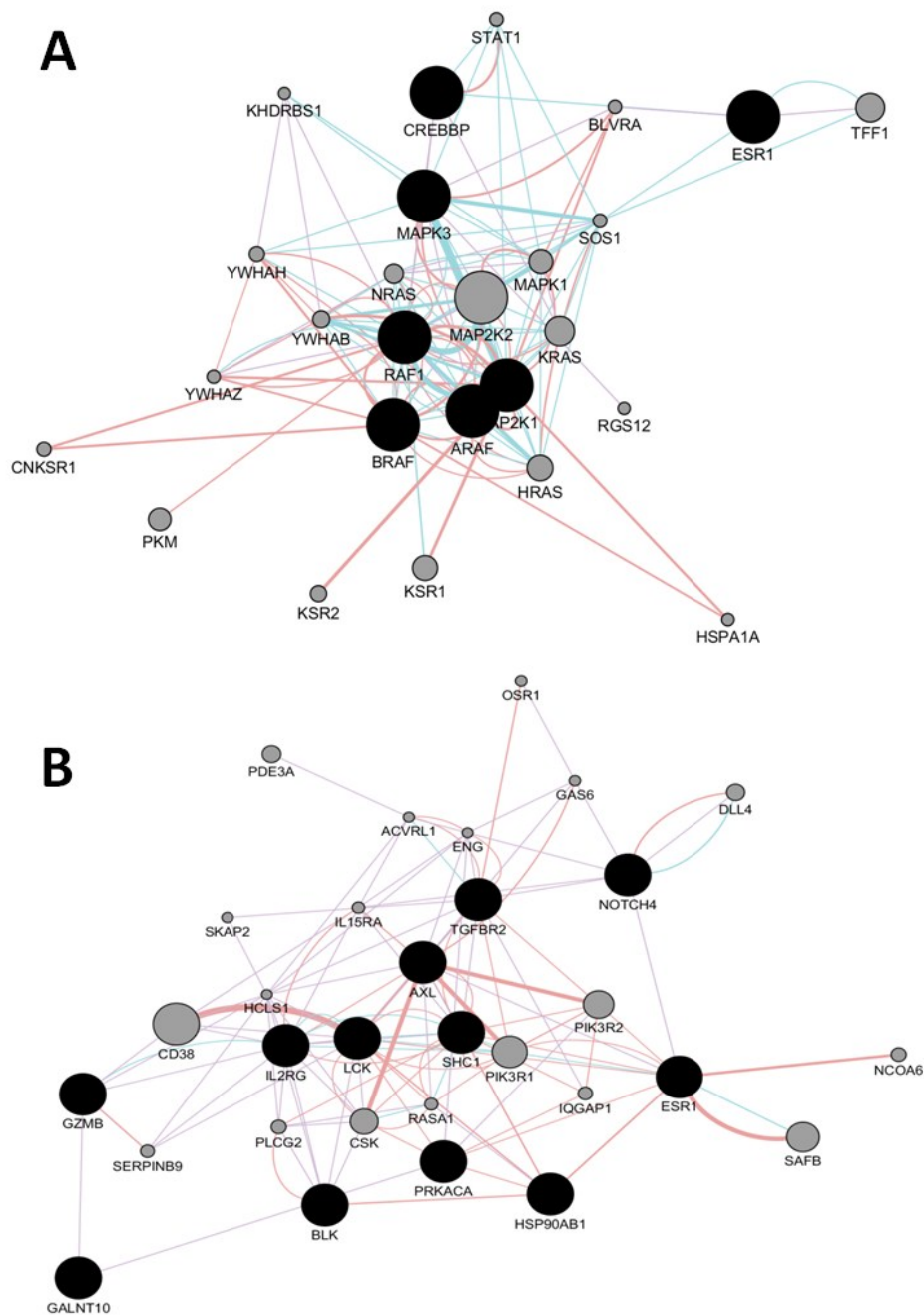
Figure S1: A) The common gene network signature between heavy metal proteome and 4 neurodiseases B) The common gene network signature between heavy metalloproteome and 12 cancer types. The two networks and the pathways were obtained by Cytoscape's gene MANIA plug-in. Black dots represent common neighboring genes between heavy metal proteome and neurodiseases (A) and cancers (B). Genes in grey dots represent networking

genes retrieved by geneMANIA where smaller dots represent weaker connectivity/association. Colored connecting line between two genes indicates interactions between them (red-physical; purple-co-expression) and blue lines are part of pathways.