

A transversal approach to predict gene product networks from ontology-based similarity

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Supplementary information: Azuaje comparison

Grey rows represent identical networks

<i>Azuaje network</i>	<i>Gene product</i>	<i>Transversal result</i>	<i>GO profile</i>
1	RPL7A-RPL39-RPL41 RPS3RPS7-EIF4A2-EIF3S2- EIF3S8-ALG8-MAN2A1- HMGCS1-UGT2B17-AKR1C3- ACAS2	Partial Network 1 Partial Network 3	Protein metabolism Cellular Biosynthesis Lipid metabolism
2	GATM-ODC1-SMS-SEPHS2	Partial Network 2	Amine metabolism
3	ATP7B-SLC11A2	Partial Network 6	Ion transport
4	RNASE4 – SF3B2	Partial Network 9	RNA metabolism
5	SLC2A5 – SLC2A3	Network 15	Carbohydrate transport
6	NME2 – NME1	Network 11	Nucleotide metabolism
7	G22P1- HMGB1 – HMGA2 – PIAS4 – Q96B01	Partial Network 4 + Q96B01	DNA metabolism
8	GSN – KRT8 – TUBA1	Network 10 + GSN	Organelle organization and biogenesis
9	GAPD-UBE2D1- MBTPS1	Partial Network 5 Partial Network 3	Carbohydrate metabolism Lipid metabolism Cellular catabolism
10	H2AFY – NAP1L4 – NAP1L1 VAPB	Partial Network 4 Partial Network 7	DNA metabolism Protein metabolism
11	TTR - CDH17- SLC35B1 – ARPC1B – CLDN1 – H3F3B- VTN – AFP - APOH	Network 18 Partial Network 4 + TTR - CDH17- SLC35B1 –ARPC1B – CLDN1 –APOH	Defense response DNA metabolism
12	TNFRSF10B – MTCH1	none	none