

Figure 3 displays three network diagrams illustrating gene-gene interactions for three different conditions: pMLB2, less strict (left), VA1 (middle), and HAsV4 (right). The nodes represent genes, and the edges represent interactions. The size of the nodes indicates the number of interactions (30, 40, 50). The genes are color-coded: orange for enriched in pMLB2, green for VA1, and blue for HAsV4. The biological processes are labeled around the networks.

pMLB2, less strict (left): This network shows a central cluster of genes including CLDN2, CDHR3, and CDK5R1. Biological processes include regulation of intestinal lipid absorption, regulation of bile acid secretion, cell-cell junction organization, cell-cell junction assembly, and pons development.

VA1 (middle): This network shows a large central cluster of genes including IFI44L, IFNL1, MX2, IFNL2, RIGI, IFI6, DDX60L, DDX60, CXCL10, IRF7, IRF9, USP18, STAT2, PML, IFIT2, IFIT3, IFIT1, IFIT5, IFITM1, IFITM2, IFITM3, IFITM4, IFITM5, IFITM6, IFITM7, IFITM8, IFITM9, IFITM10, IFITM11, IFITM12, IFITM13, IFITM14, IFITM15, IFITM16, IFITM17, IFITM18, IFITM19, IFITM20, IFITM21, IFITM22, IFITM23, IFITM24, IFITM25, IFITM26, IFITM27, IFITM28, IFITM29, IFITM30, IFITM31, IFITM32, IFITM33, IFITM34, IFITM35, IFITM36, IFITM37, IFITM38, IFITM39, IFITM40, IFITM41, IFITM42, IFITM43, IFITM44, IFITM45, IFITM46, IFITM47, IFITM48, IFITM49, IFITM50, IFITM51, IFITM52, IFITM53, IFITM54, IFITM55, IFITM56, IFITM57, IFITM58, IFITM59, IFITM60, IFITM61, IFITM62, IFITM63, IFITM64, IFITM65, IFITM66, IFITM67, IFITM68, IFITM69, IFITM70, IFITM71, IFITM72, IFITM73, IFITM74, IFITM75, IFITM76, IFITM77, IFITM78, IFITM79, IFITM80, IFITM81, IFITM82, IFITM83, IFITM84, IFITM85, IFITM86, IFITM87, IFITM88, IFITM89, IFITM90, 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