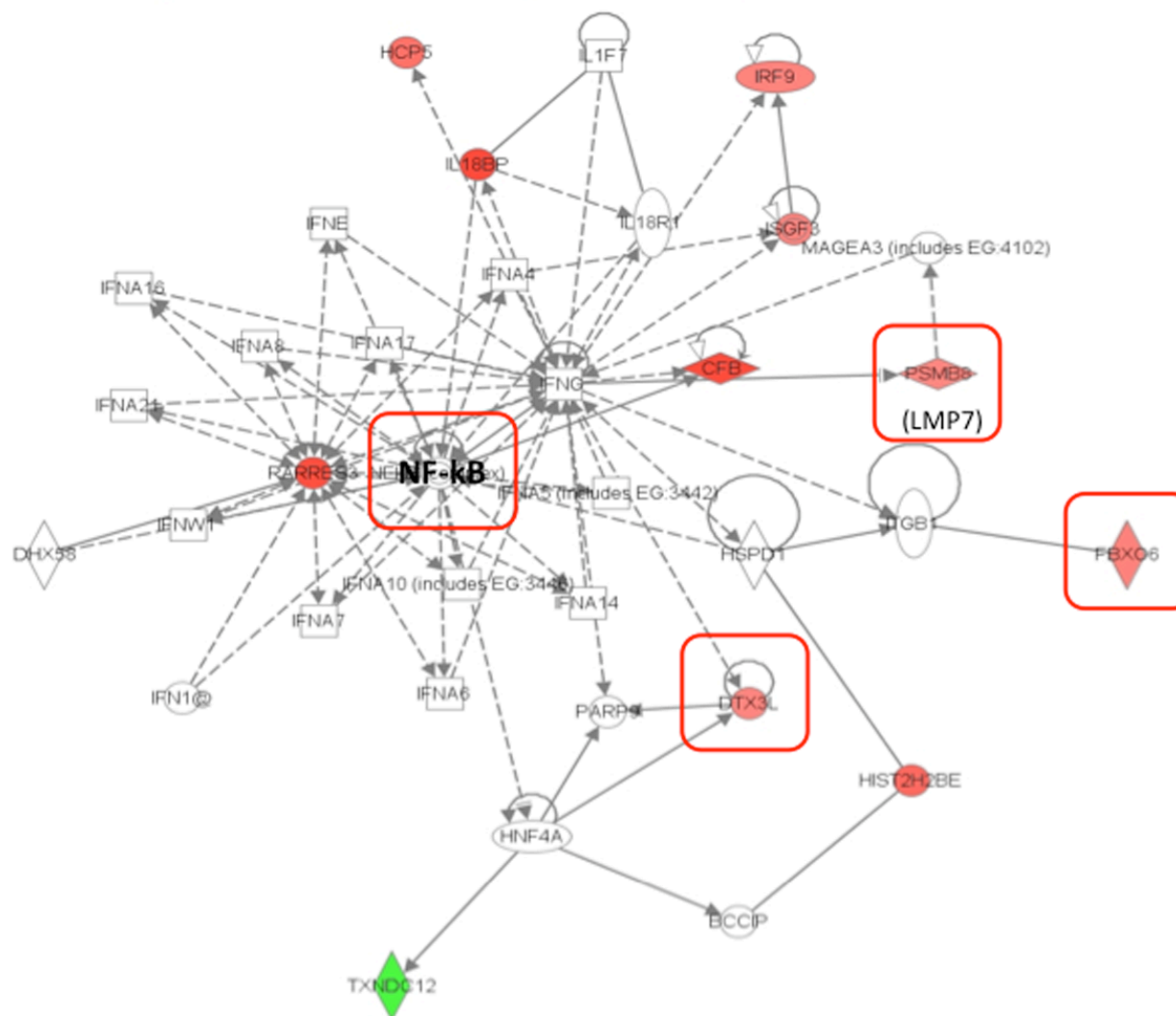




Network analysis showing IFN-alpha modulated genes involved in IFN signaling, NF-kB pathway and antigen presentation. The analysis of this top-ranked network revealed an important role for immunoproteasome subunit LMP7 and ubiquitins (FBXO6 and DTX3L genes). Significant is also the activation of NF-kB pathway by means of RARRES3 and IFN regulatory factors. The network is graphically represented as nodes (genes) and edges (the biological relationship between genes). Red and green shaded nodes represent upregulated and down regulated genes, respectively.