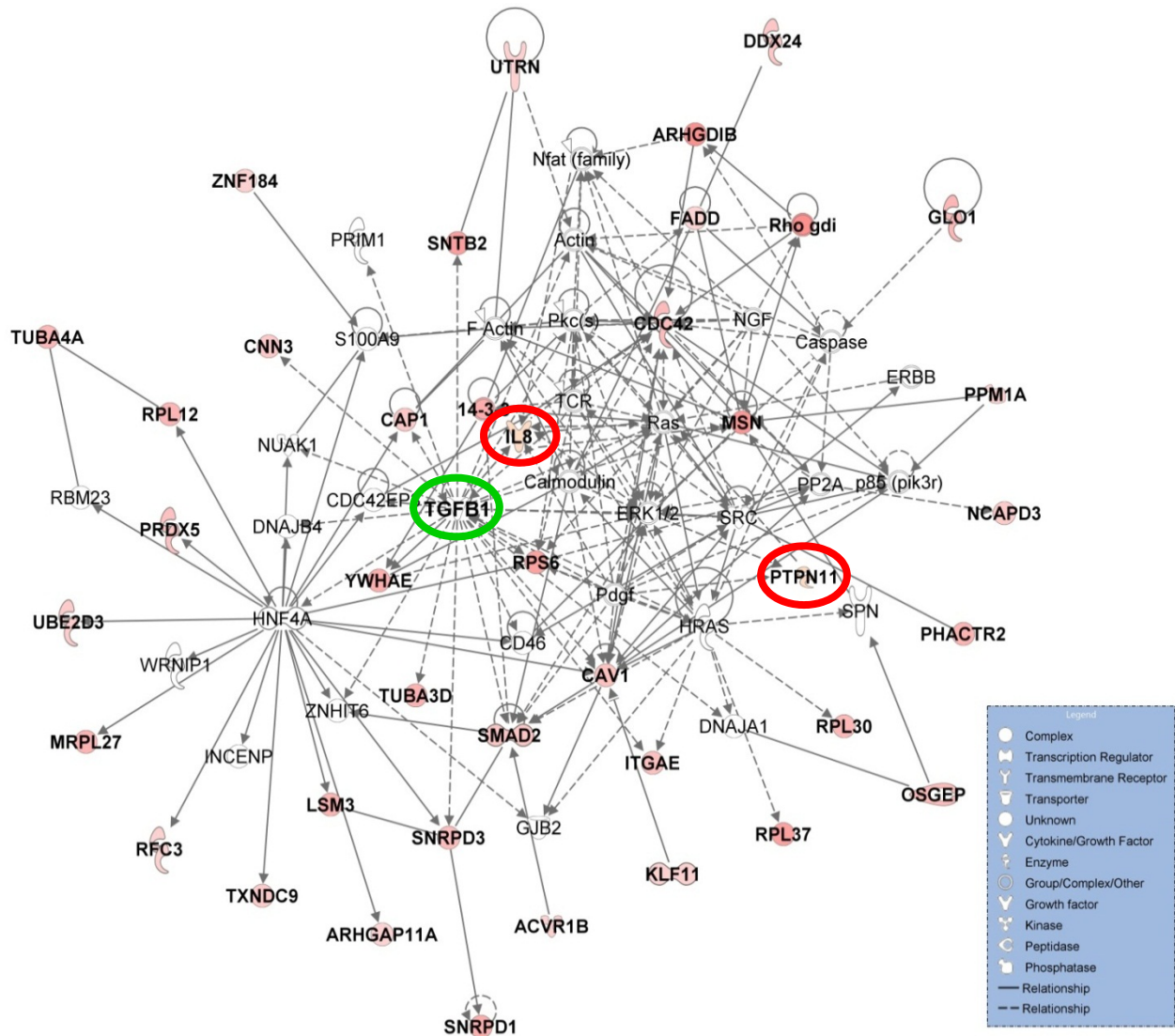


Network 2: Embryonic and Tissue Development
Network 3: Cellular Movement and Development



Additional File 5:

Map of protein interactions of Network 2 and 3.

Networks 2 and 3 had the most overlapping genes and therefore a common interaction map was generated. Molecules in red shapes are upregulated in the Human Invasion Signature, molecules in clear shapes are inserted in the interaction map by the software to complete interaction links. Lines denote interactions between proteins, direct when the line is full or indirect when the line is dotted.

The red circles denote the proteins that was chosen as targets for the inhibition studies. The green circle denotes TGF β 1, which although itself is not regulated, it is a central node of interaction for the HIS upregulated genes.