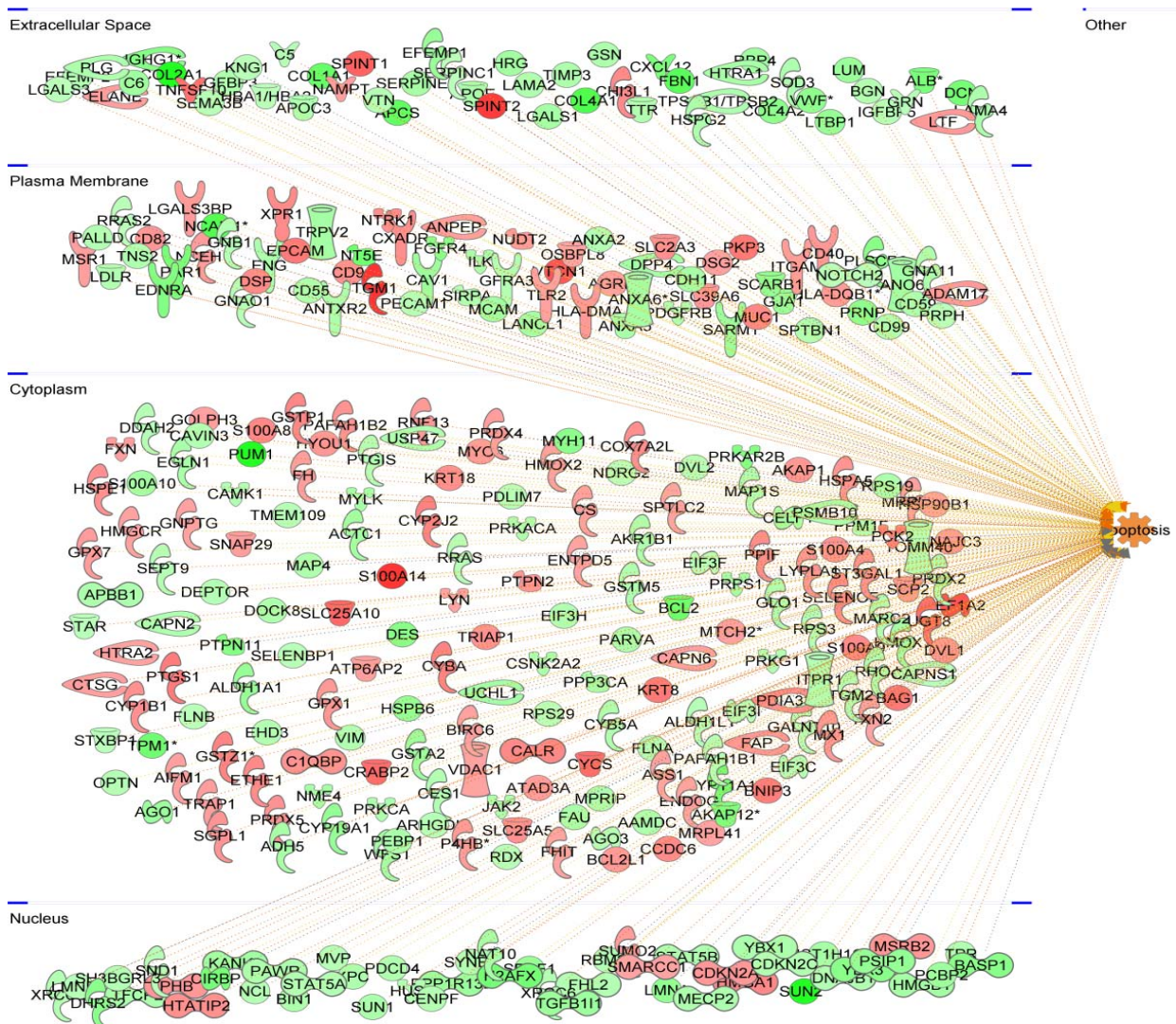


Supplementary Figure 2

Molecular and cellular functions provide some significant tumor-related molecules.

1. Cell death and survival (including apoptosis, cell death, cell survival, cell viability, necrosis).
2. Cell movement.
3. Cell-to-cell signaling and interaction.
4. Free radical scavenging.
5. Lipid metabolism.

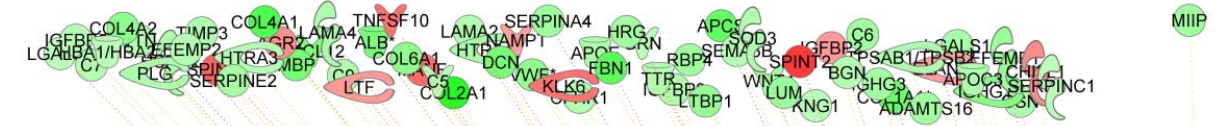
1. Apoptosis



2. Cell death

Extracellular Space

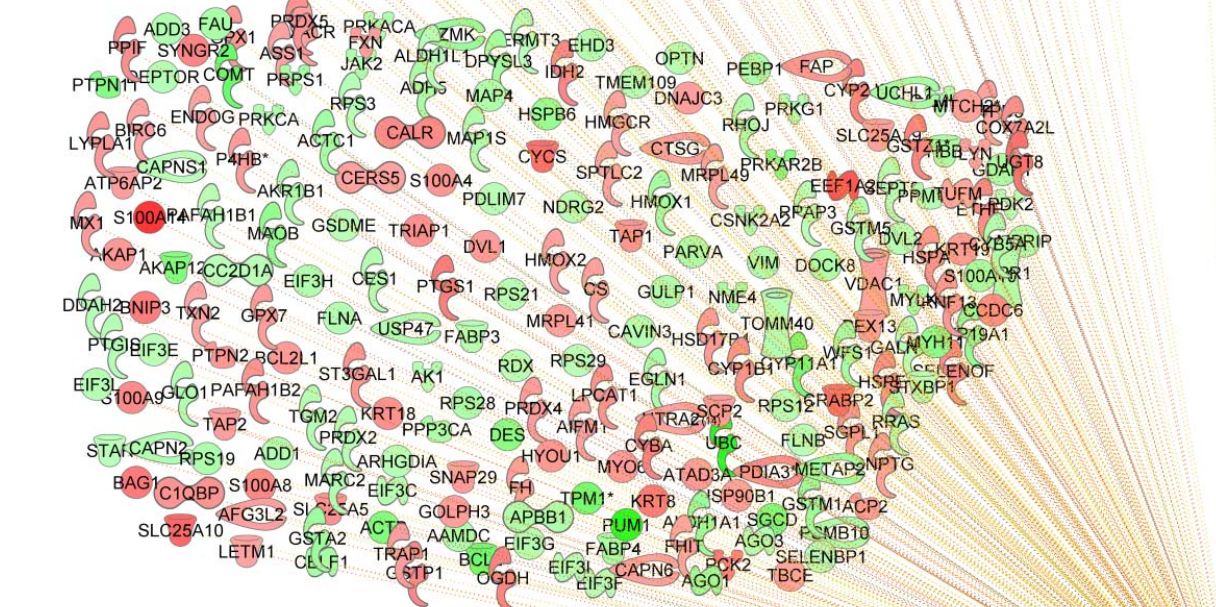
Other



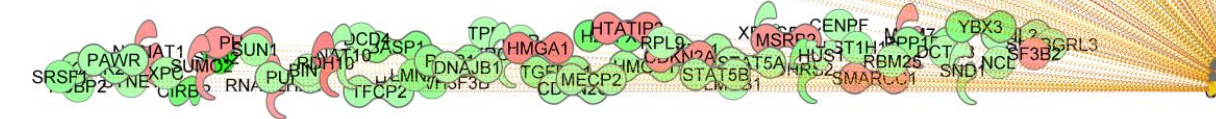
Plasma Membrane



Cytoplasm



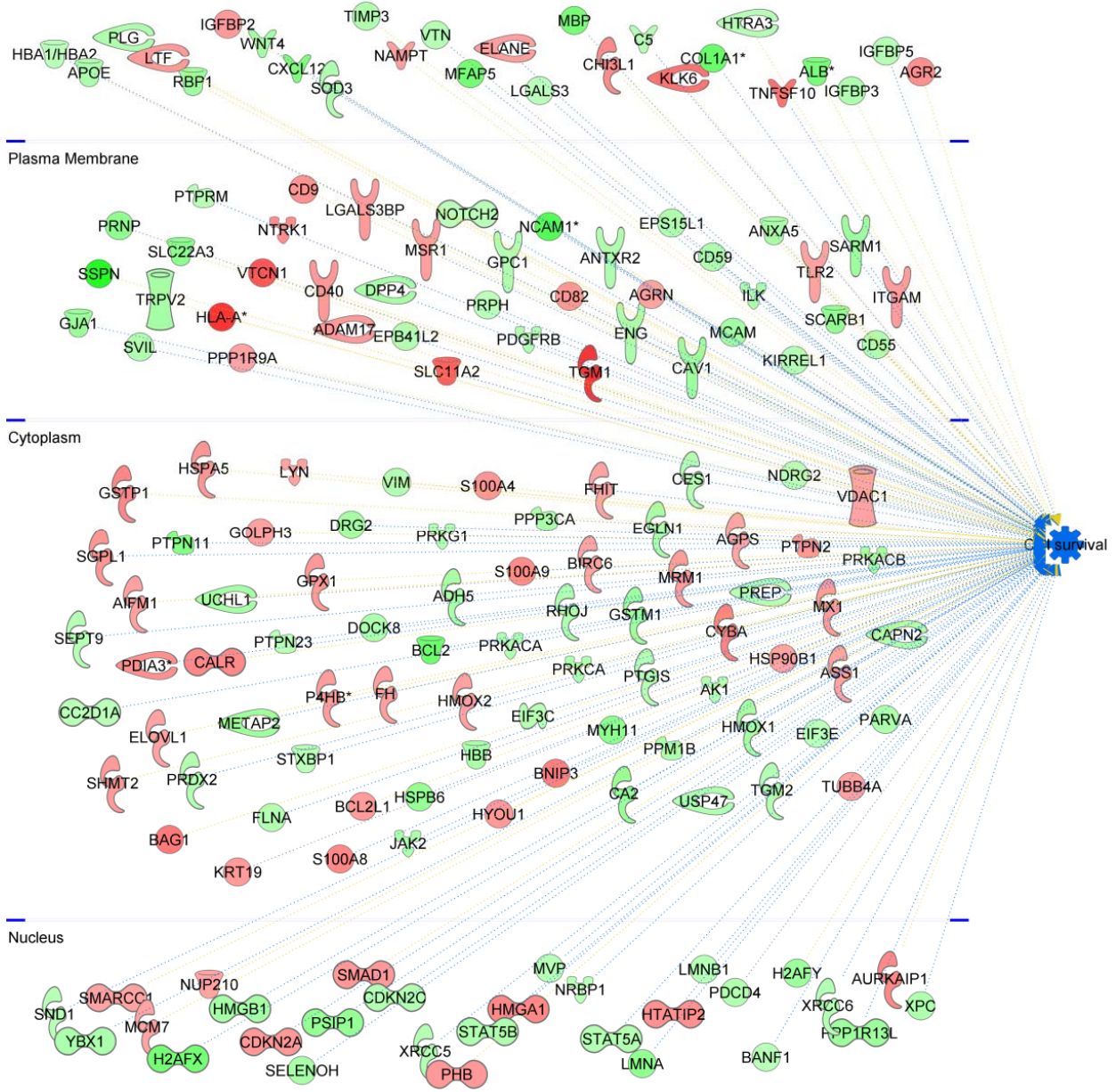
Nucleus



3. Cell survival

Extracellular Space

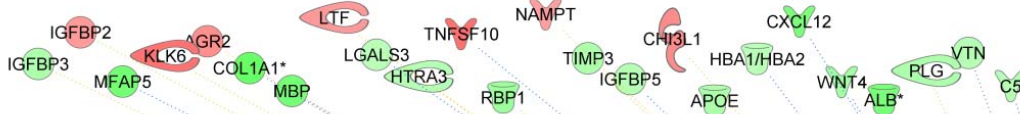
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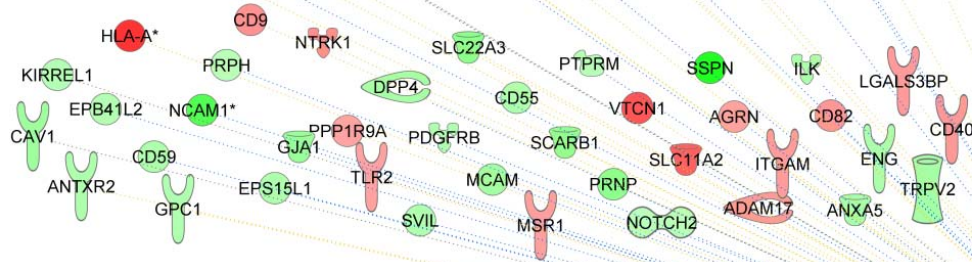
4. Cell viability

Extracellular Space

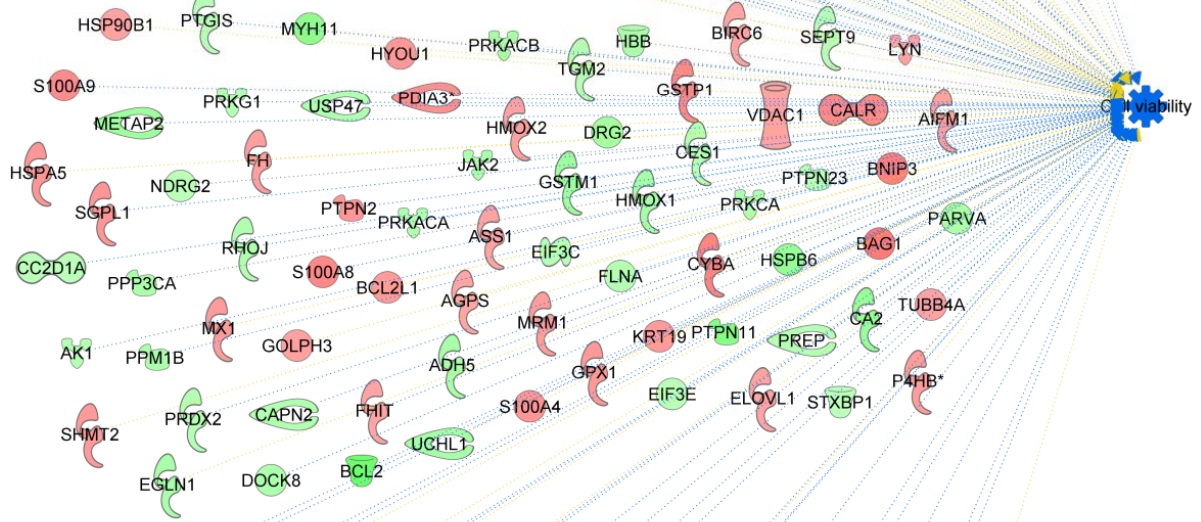
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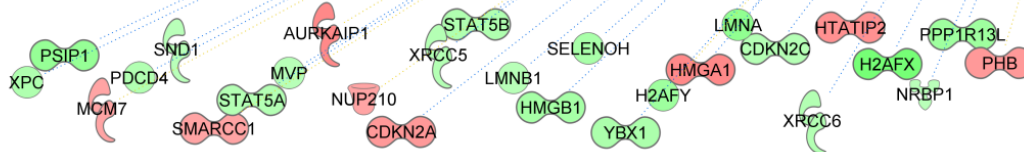
Plasma Membrane



Cytoplasm



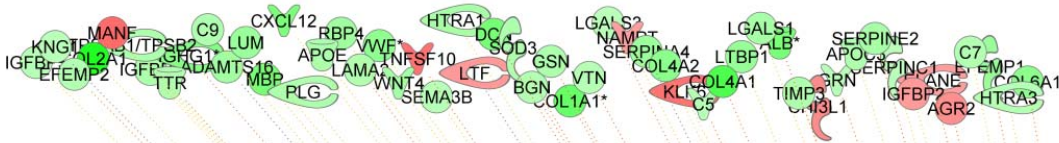
Nucleus



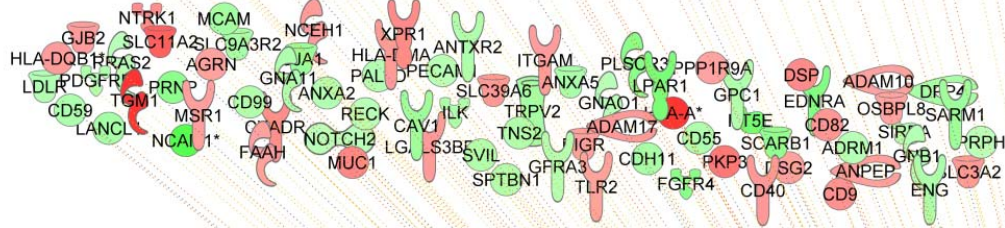
5. Necrosis

Extracellular Space

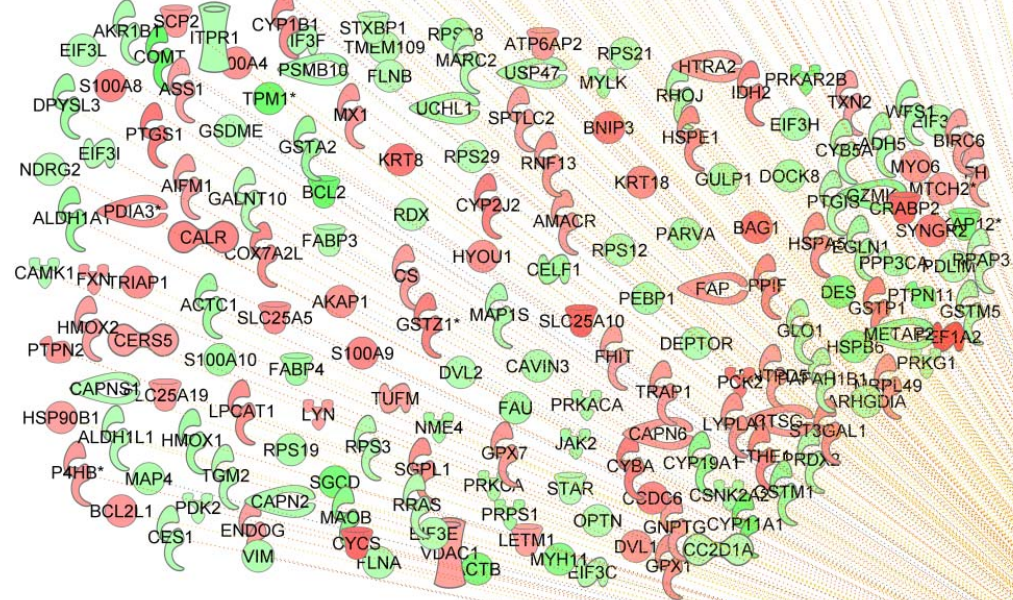
Other



Plasma Membrane



Cytoplasm

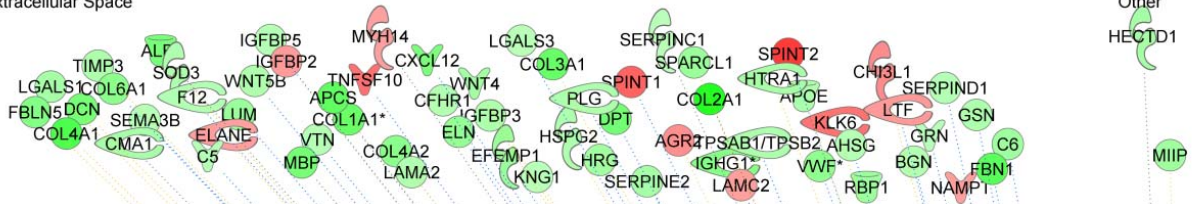


Nucleus



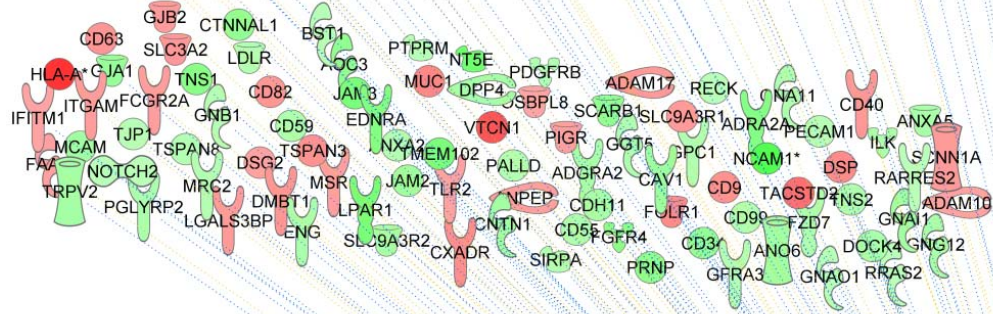
6. Cell movement

Extracellular Space

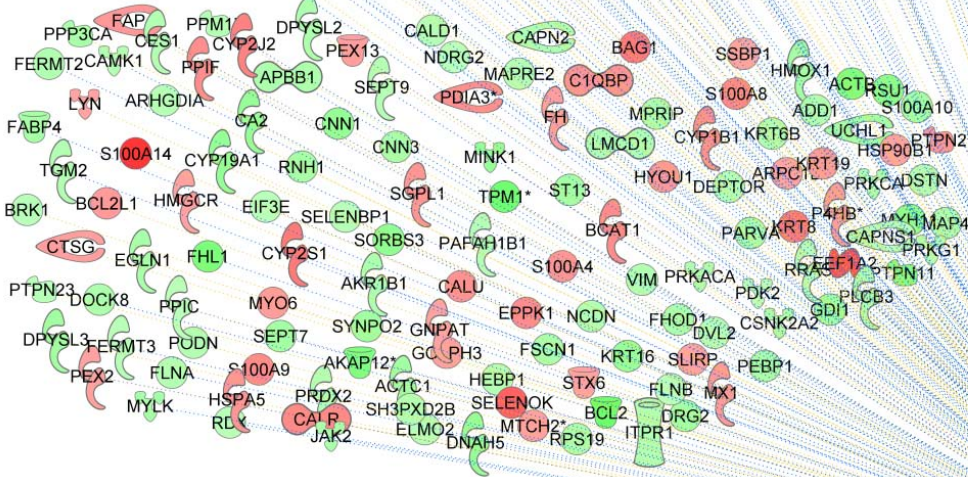


Other
HECTD1

Plasma Membrane



Cytoplasm

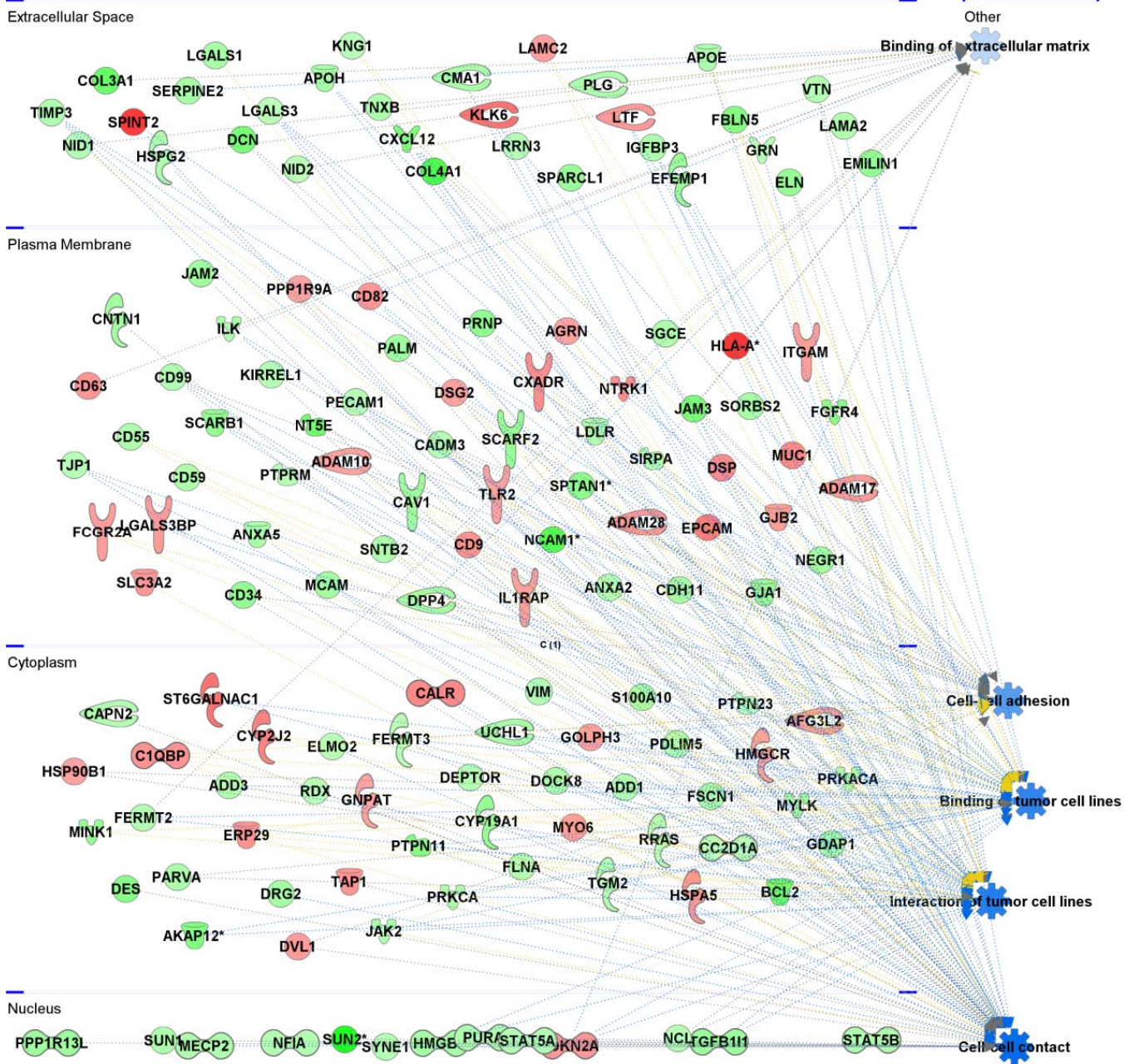


Nucleus

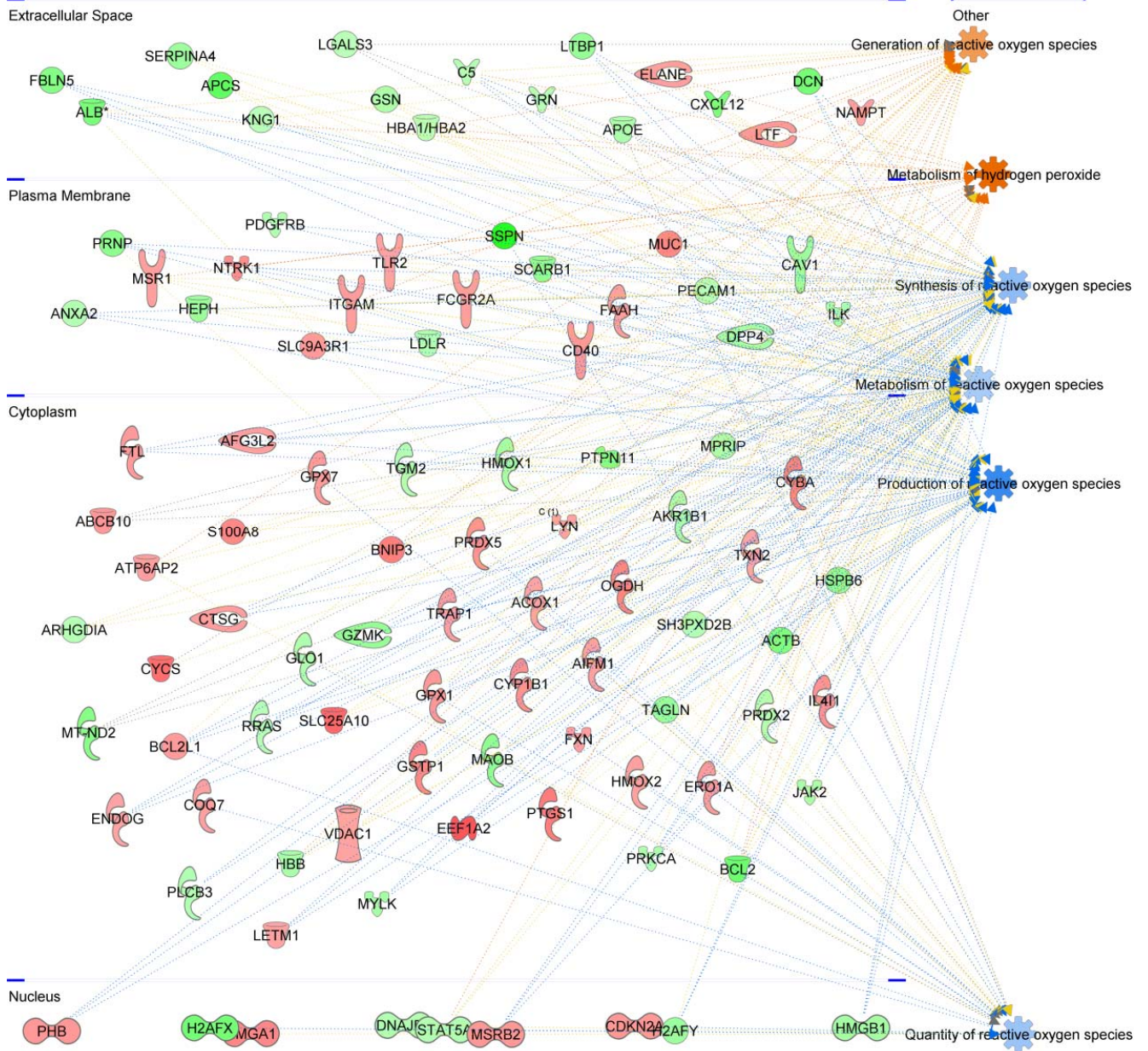


Cell movement

7. Cell-to-cell signaling and interaction



8. Free radical scavenging



9. Lipid metabolism

