

Immune system deregulation in hypertensive patients chronically RAS suppressed developing albuminuria

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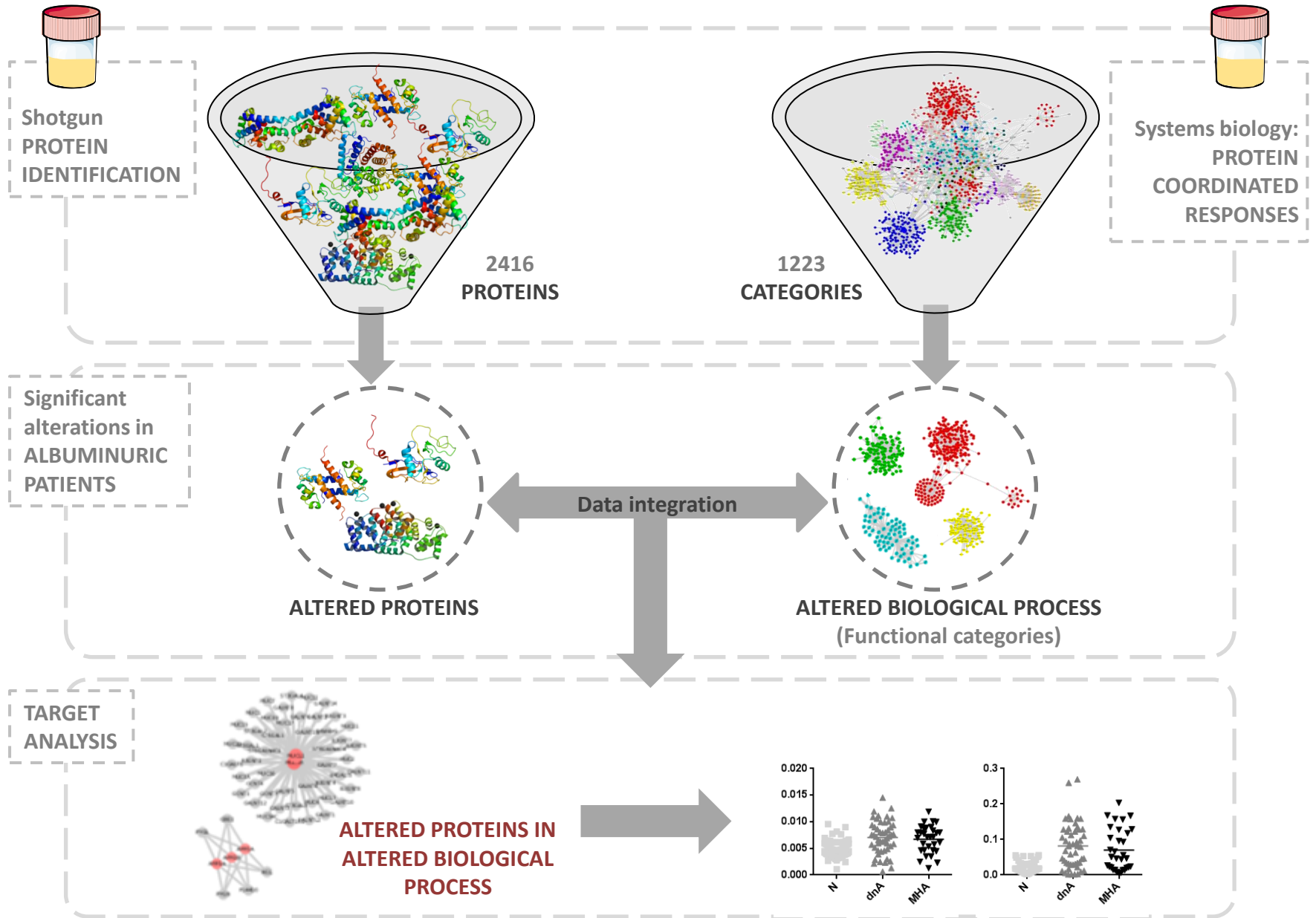
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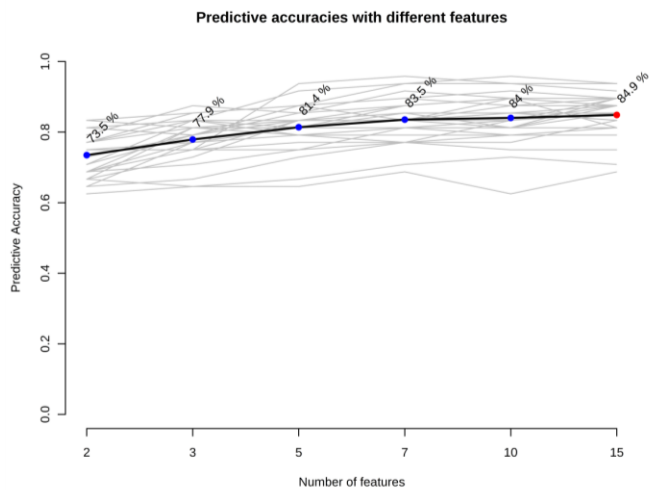
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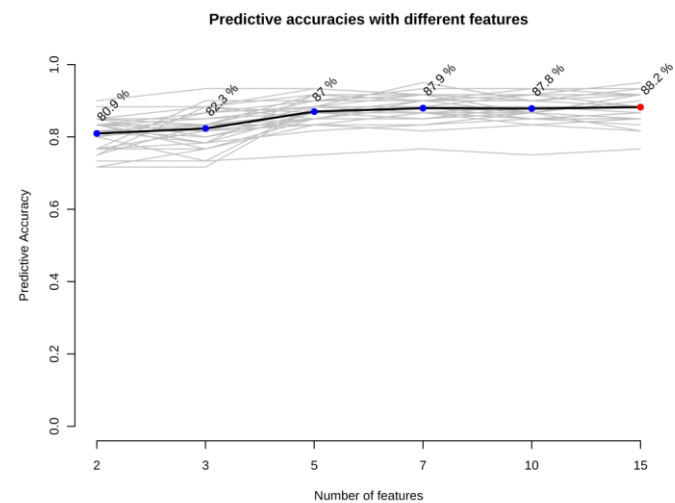


Supplementary Figure1. A total of 2416 proteins were identified (LC-MS/MS, shotgun experiment). Quantitative analysis revealed proteins showing altered levels in urine from albuminuric hypertensive patients (iTRAQ). In parallel, 1223 functional categories were found based on protein coordinated responses, and biological processes significantly altered were identified. Highlighted proteins and biological processes were matched, pointing to a role for the immune system. Selected proteins variation was confirmed by target analysis (SRM-LC-MS/MS).

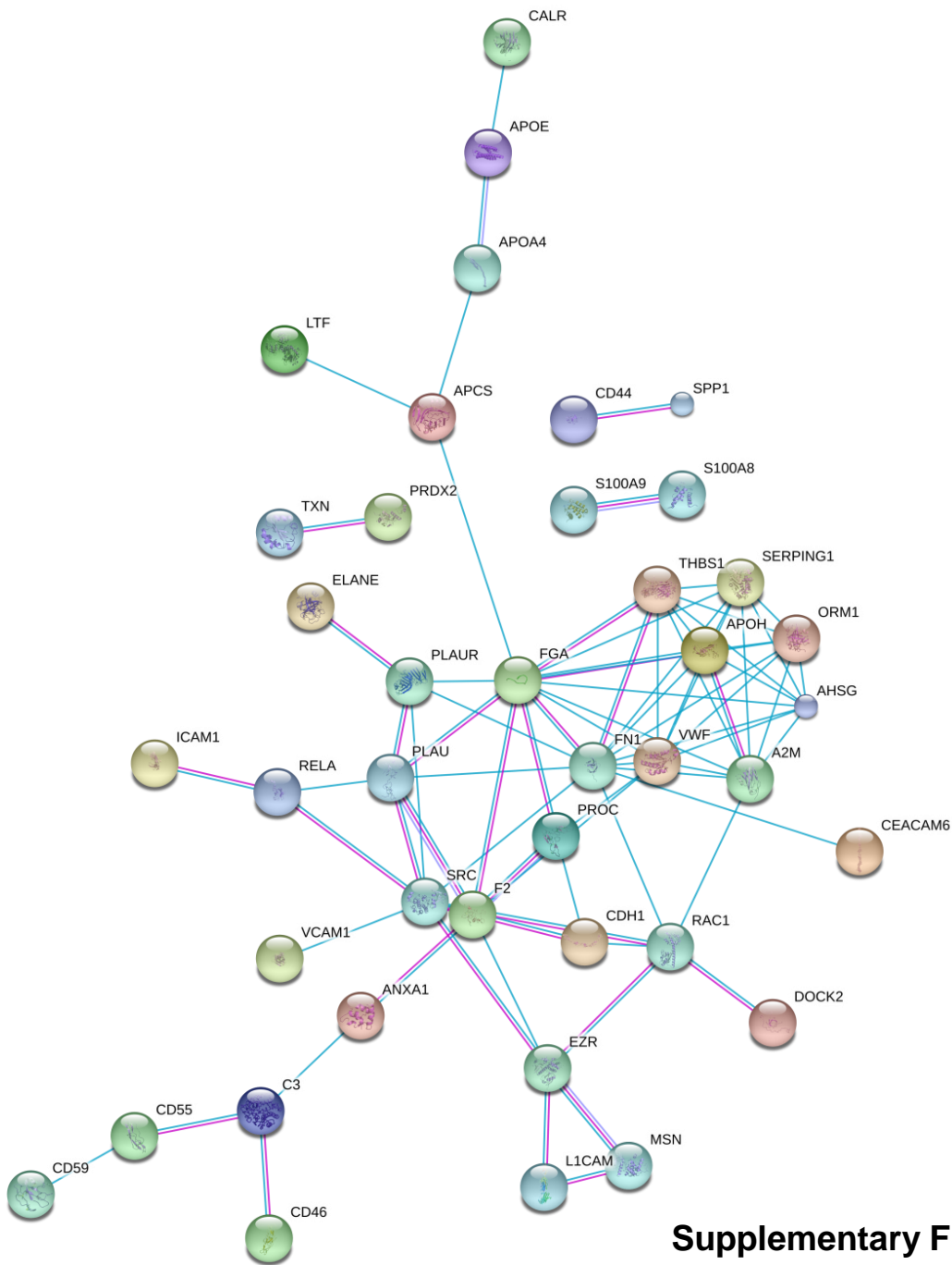
N vs dnA



N vs dnA+MHA



Supplementary Figure 2. Improvement of predictive accuracy when including all the molecules. All transitions per protein are included (supplementary table 8).



Known Interactions



from curated databases



experimentally determined

Supplementary Figure 3. Among the 70 proteins identified related to immune response, 41 proteins are interconnected as shown here.