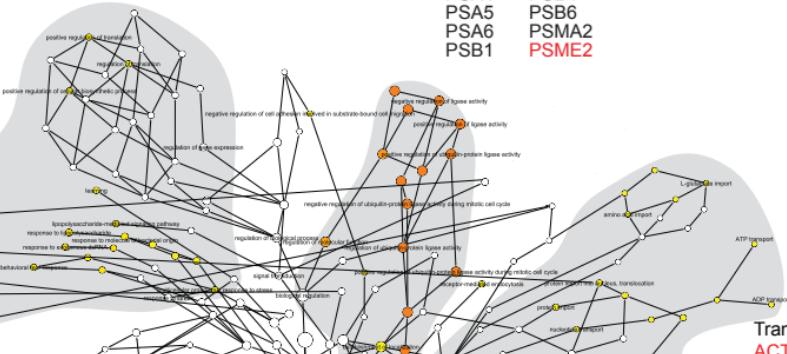


## Regulation of ubiquitin ligase activity

**HSC70** PSB2  
**PSA1** PSB3  
**PSA4** PSB4  
**PSA5** PSB6  
**PSA6** PSMA2  
**PSB1** PSME2

## Regulation of translation and cell signalling

**MAPK1**  
**MAPK3**  
**PLCG2**  
**SHIP1**

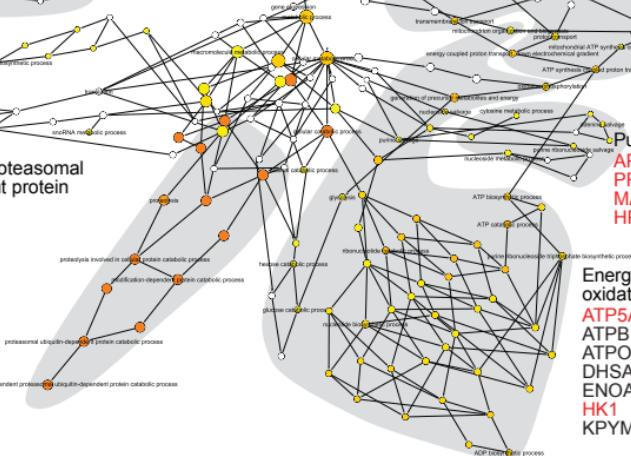


## Transport

**ACTB**  
**MOESIN**  
**MPCP**  
**OPA1**  
**DYN2**  
**TUBA1B**

## APC-dependent proteasomal ubiquitin-dependent protein degradation

**HSC70**  
**PSA1**  
**PSA4**  
**PSA5**  
**PSA6**  
**PSB1**  
**PSB2**  
**PSB3**  
**PSB4**  
**PSB6**  
**PSB7**  
**PSMA2**



**Purine nucleotide salvage**  
**APRT**  
**PRPSAP2**  
**MAPK1**  
**HPRT1**

**Energy and oxidative phosphorylation**  
**ATP5A1** **NAGK**  
**ATPB** **SET**  
**ATPO** **UCRI**  
**DHSA** **UQCRC2**  
**ENOA** **VDAC1**  
**HK1** **VDAC2**  
**KPYM**