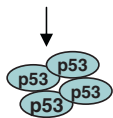


No stress
Low stress

Antioxidant



Sestrins 1/2
TIGAR
GPX1
ALDH4
GLS2
Parkin
p21 → NRF2



ROS

Cell survival



DNA damage
& mutation



Tumor

Severe stress

Prooxidant



PIG3
PIG6
FDXR
Bax
Puma



ROS



Apoptosis
Senescence

