

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

X



Memorial Sloan Kettering
Cancer Center

[About Us](#)
[Sloan Kettering Institute](#)

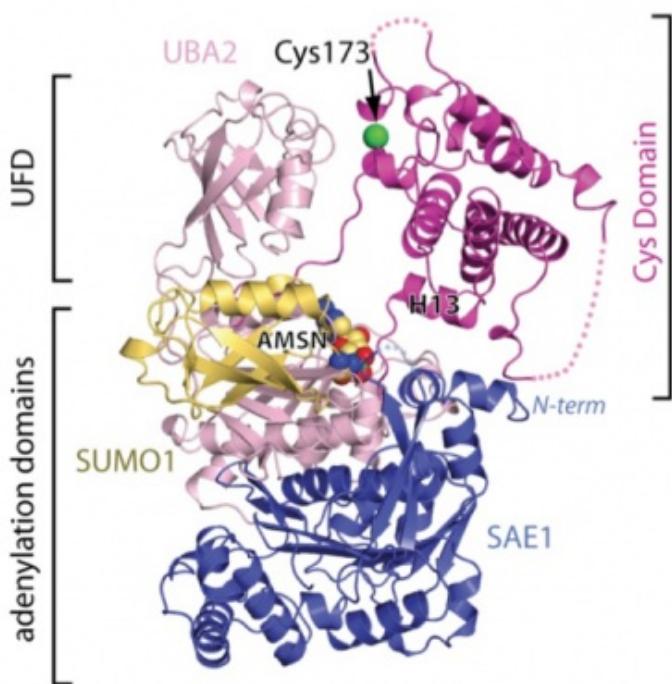
[The Christopher Lima Lab](#)
[Research](#)

Ubiquitin and ubiquitin-like protein conjugation

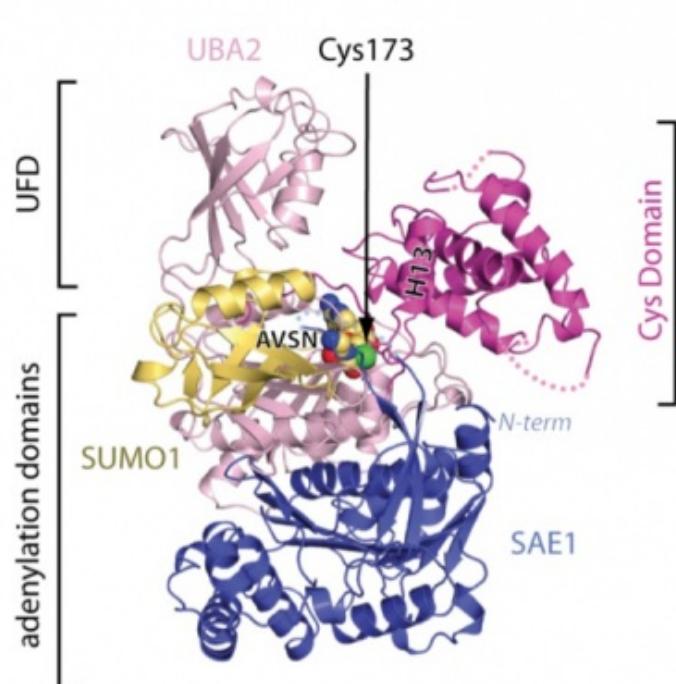
[News & Events](#)

[Open Positions](#)

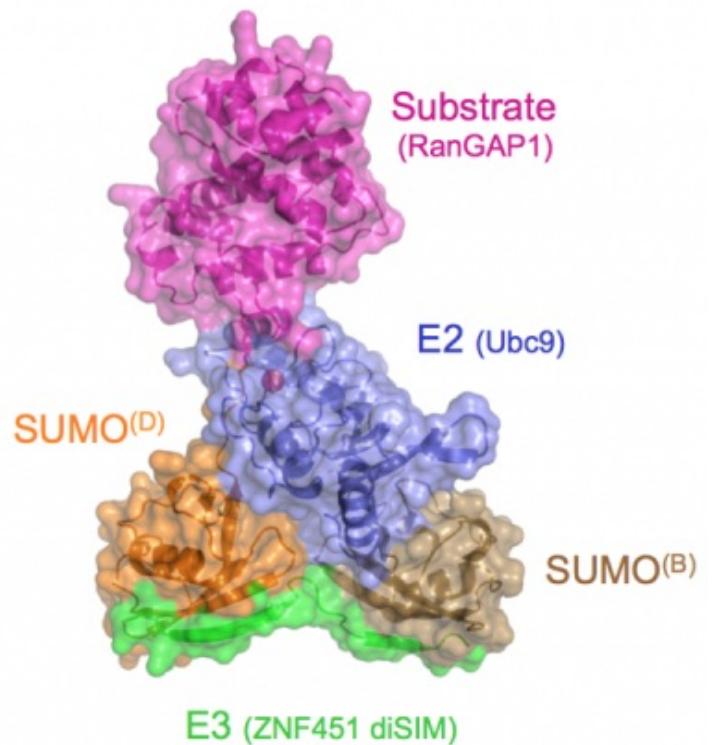
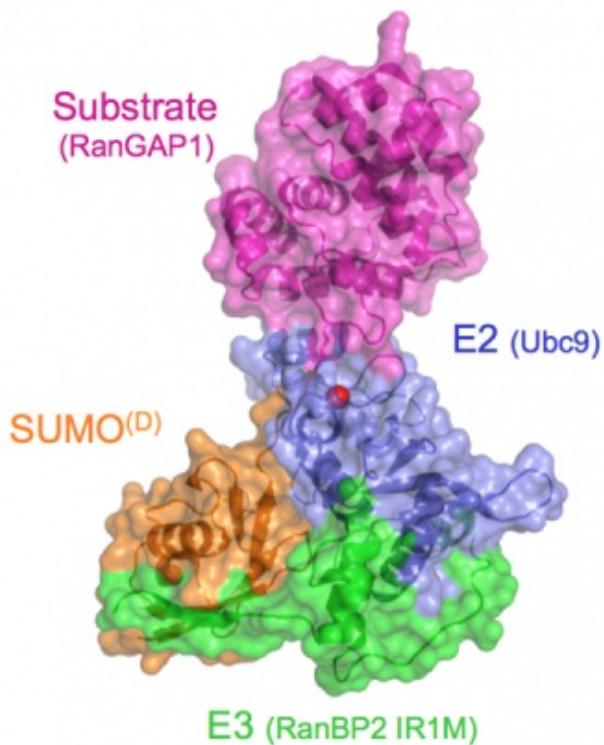
'open'



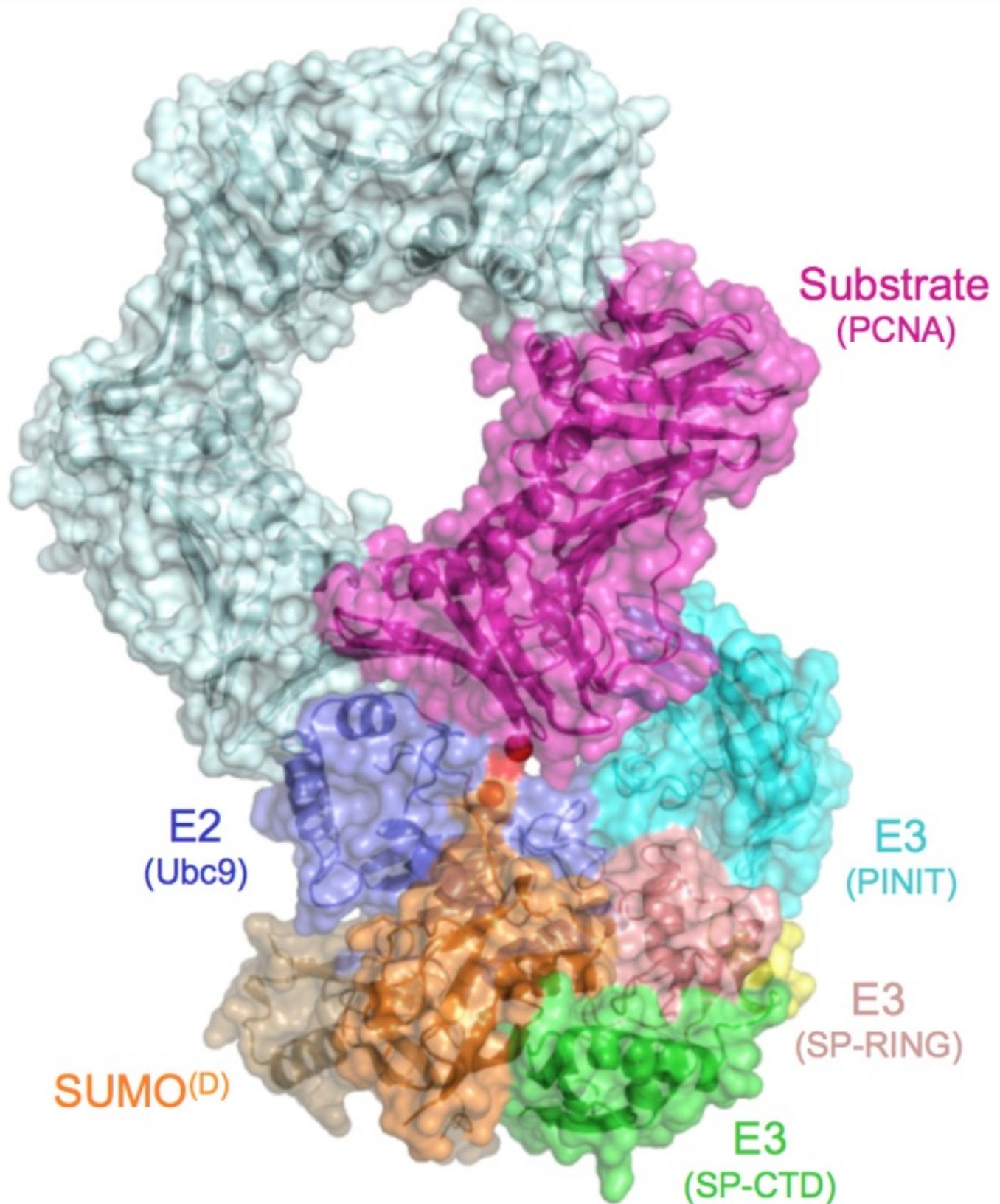
'closed'



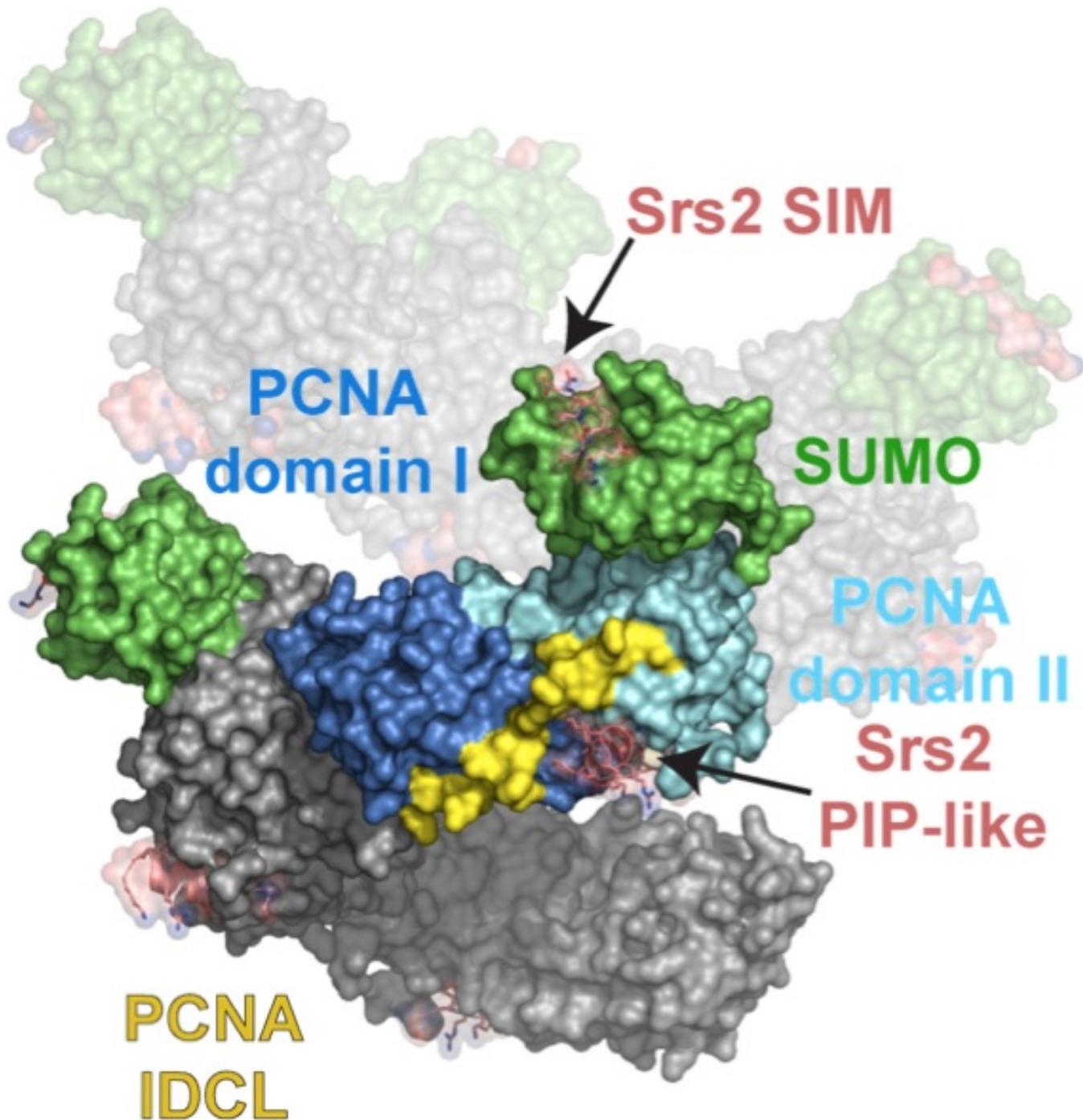
SUMO E1 captured during thioester bond formation



E3-E2 ligase complexes with the RanGAP1 substrate (pink), the E2 Ubc9 (blue), SUMO (orange or brown), and the E3s RanBP2 (left) or ZNF451 (right)



E3-E2-SUMO-PCNA complex captured in action



Recognition of SUMO-PCNA by the the C-terminal domain of the Srs2 helicase

Ubiquitin and ubiquitin-like protein conjugation

