

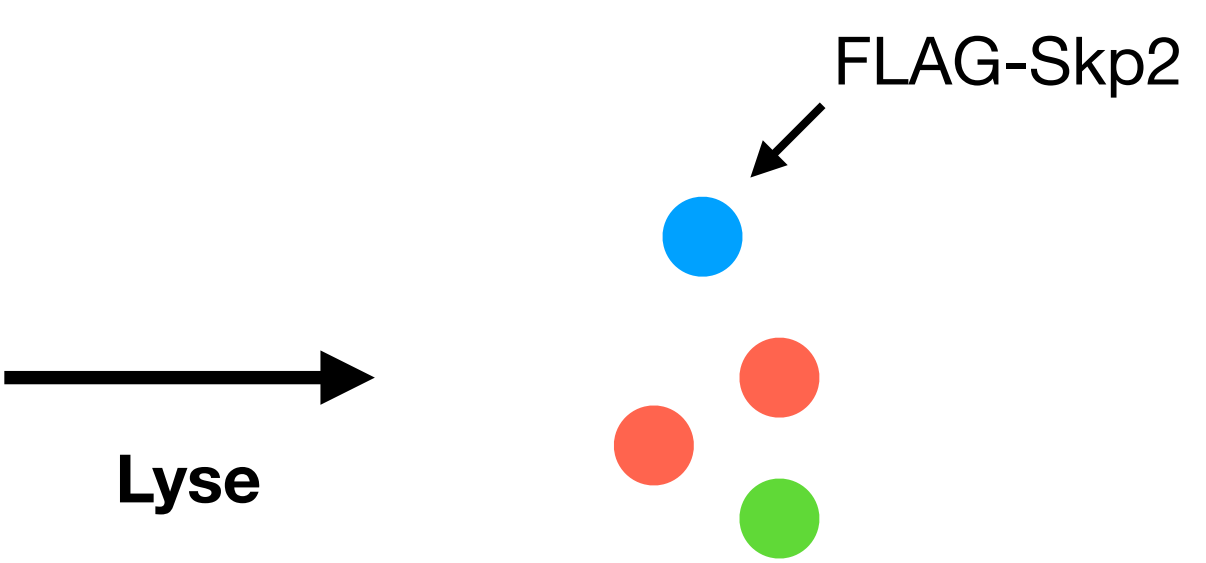
Background

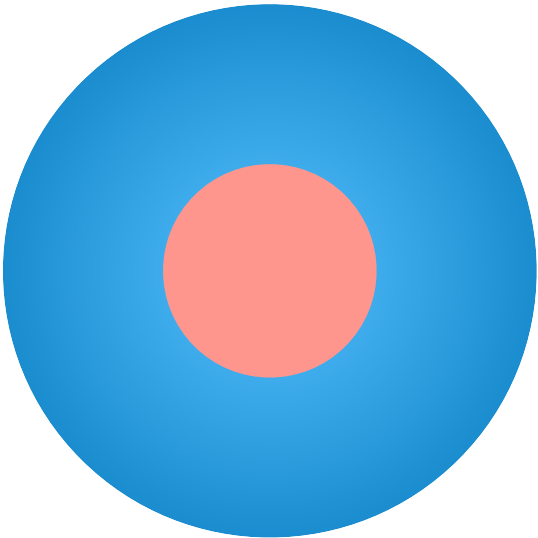
Project Description

Results

Conclusion

***In-vitro* experiment setup**

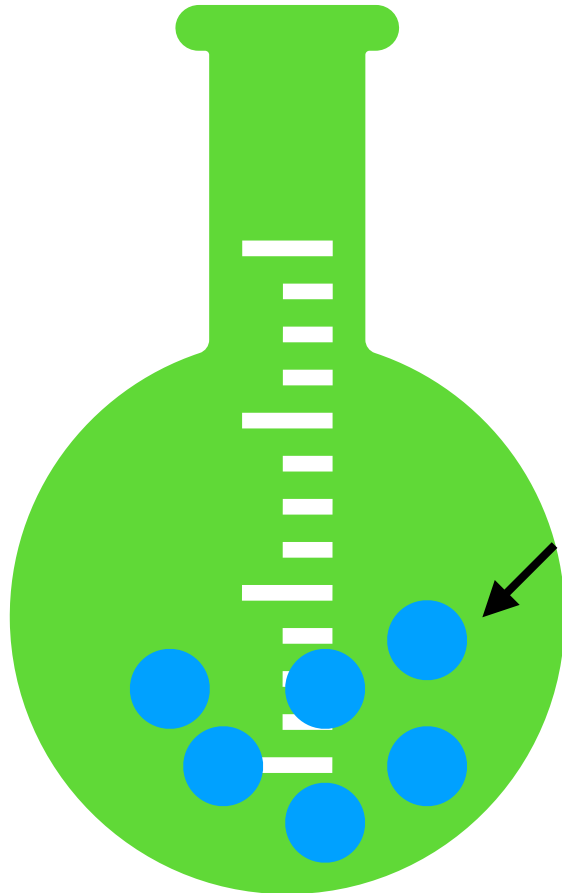




HeLa cell



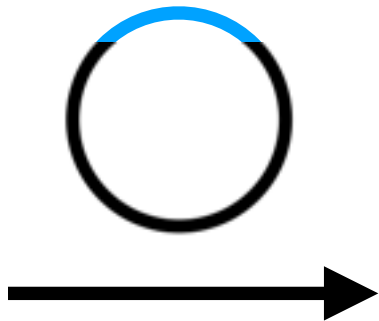
Immunoprecipitate



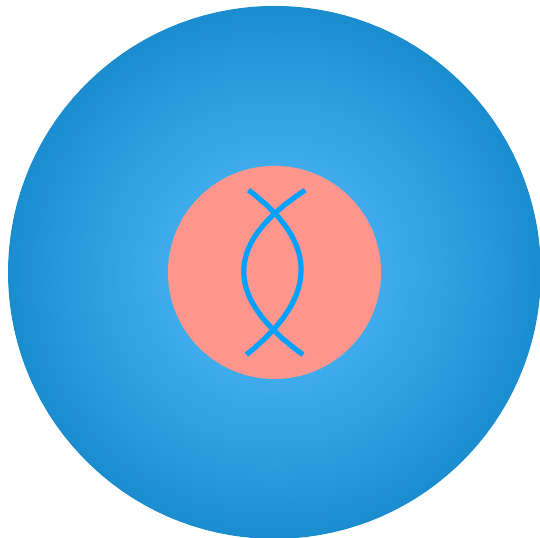
FLAG-Skp2



FLAG-Skp2 containing plasmid

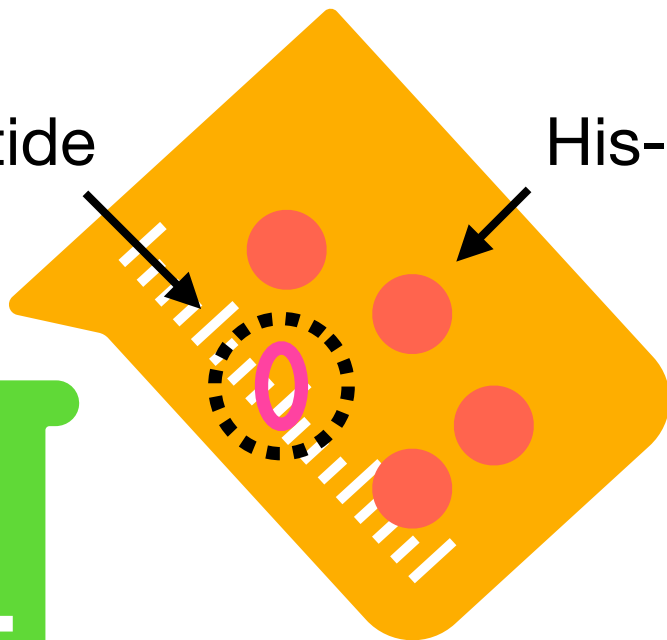
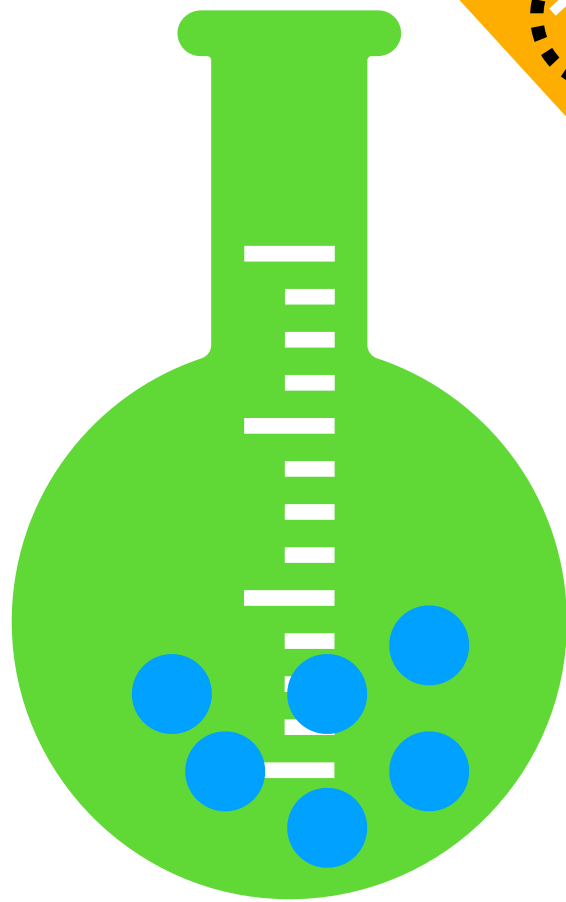


Transfect



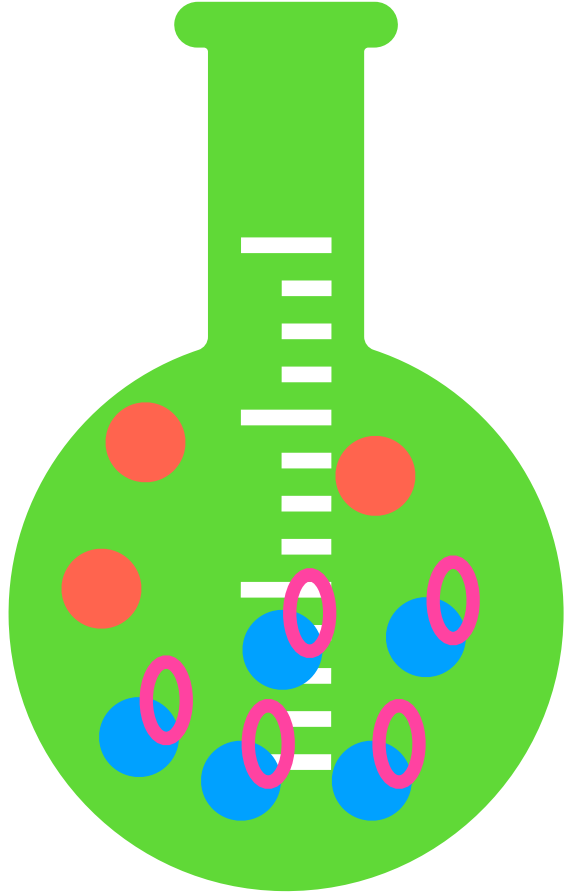
Cyclic peptide

His-Cks1

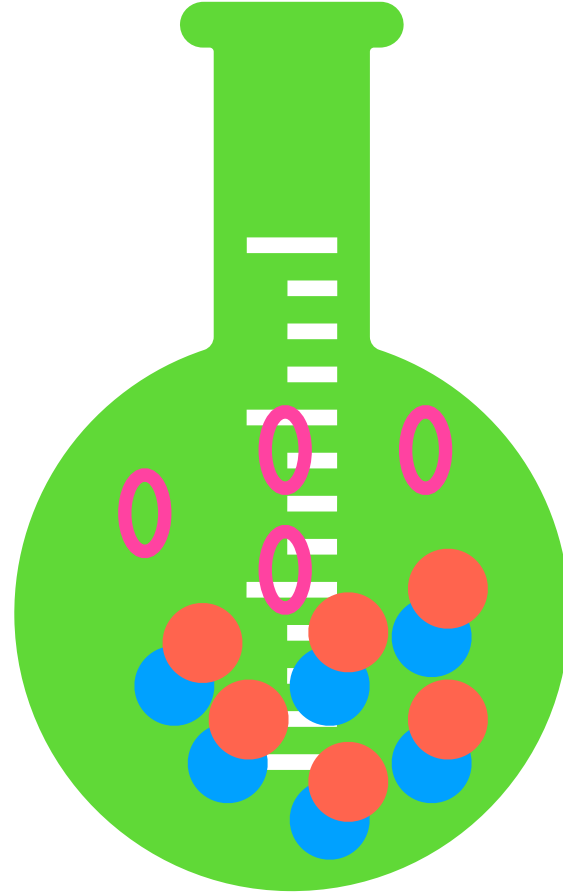


Incubate with His-Cks1 and inhibitors

Effective inhibition

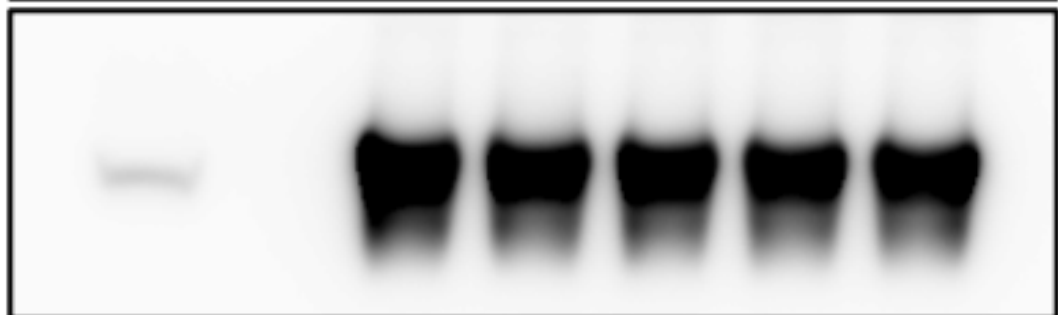
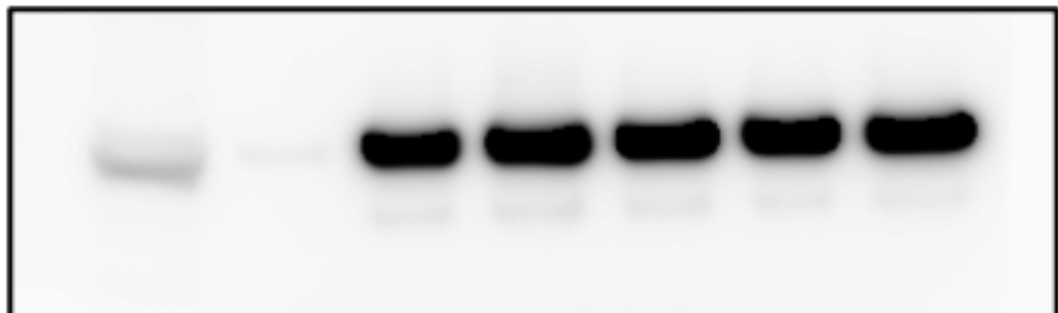
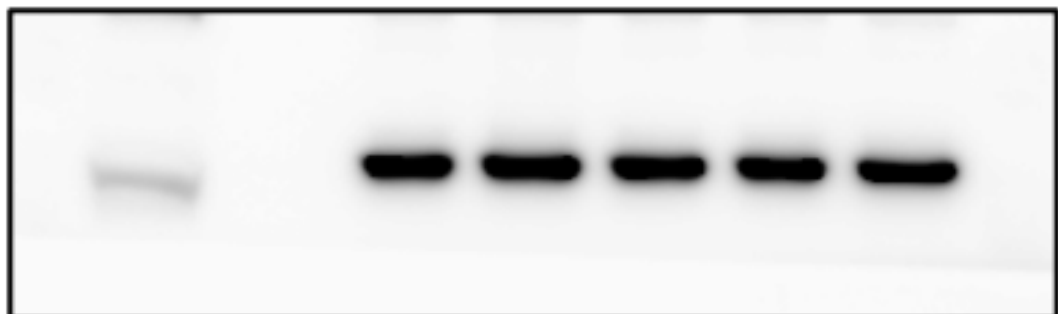
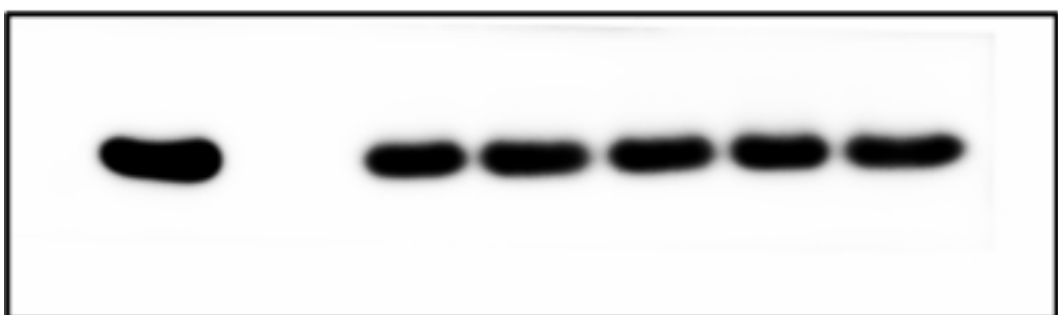
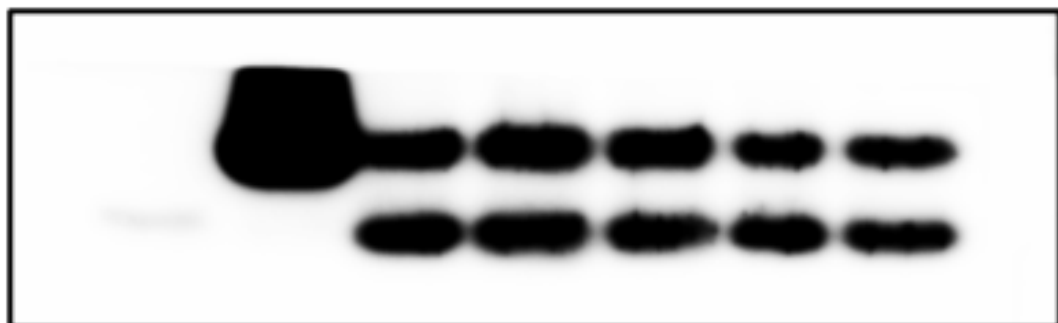


No inhibition



Cks1 does not bind

Cks1 binds to Skp2



***In-vitro* experiments indicate low inhibitory**

efficiency





His-Or-Kiss

Endogenous Clocks 1

FLAG-SKPR2

WCE

His-OR-Not

MSO



104M



↑

0

4

M

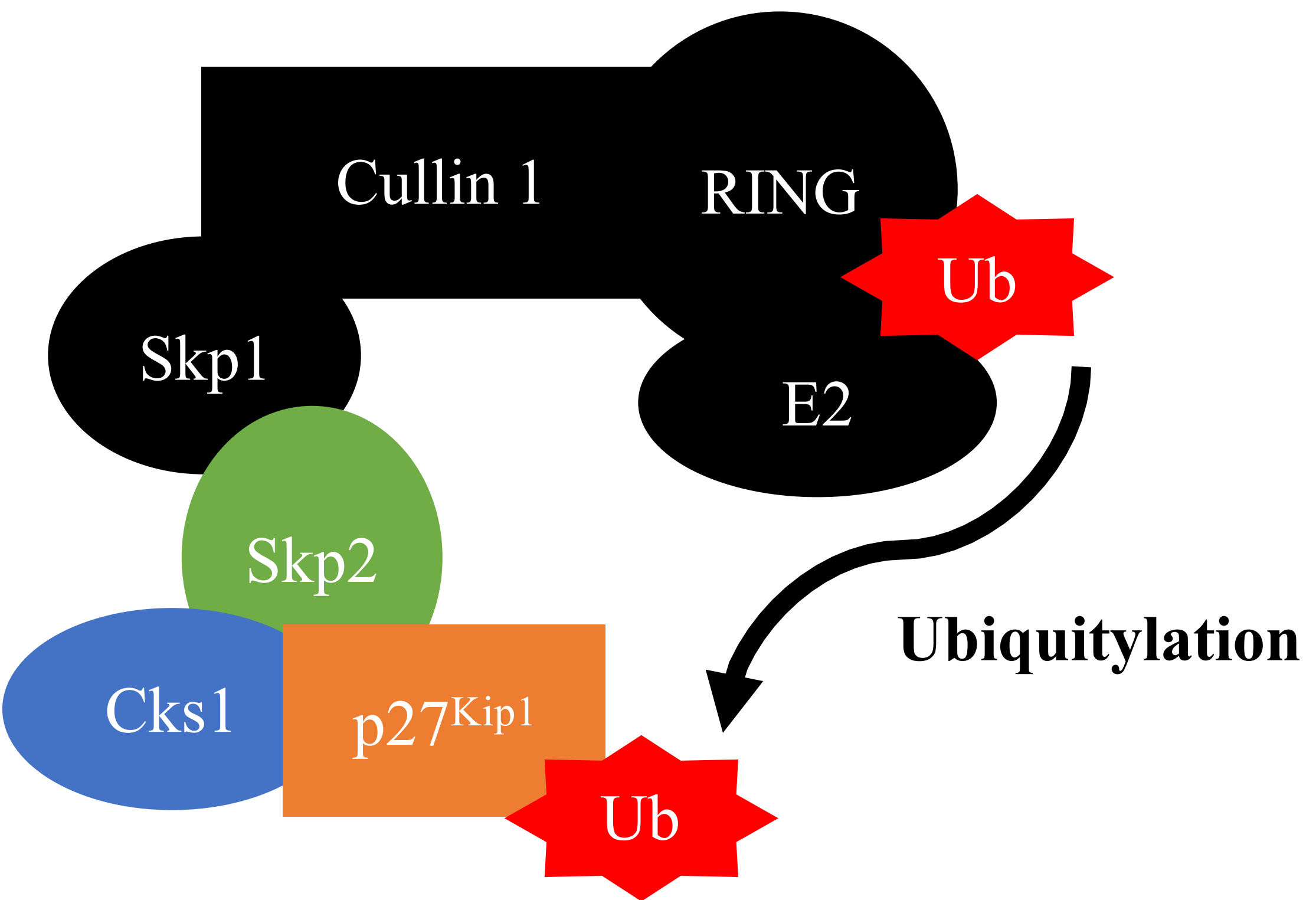
IR:FLAG-SKPR2

SEAWTG

SEVEN TENG







skp1

C

U

I

1

CDKR2

CyrcinA

Ji, P. et al., *J. Biol. Chem.* 281, 24058-24069, (2006)