

Background

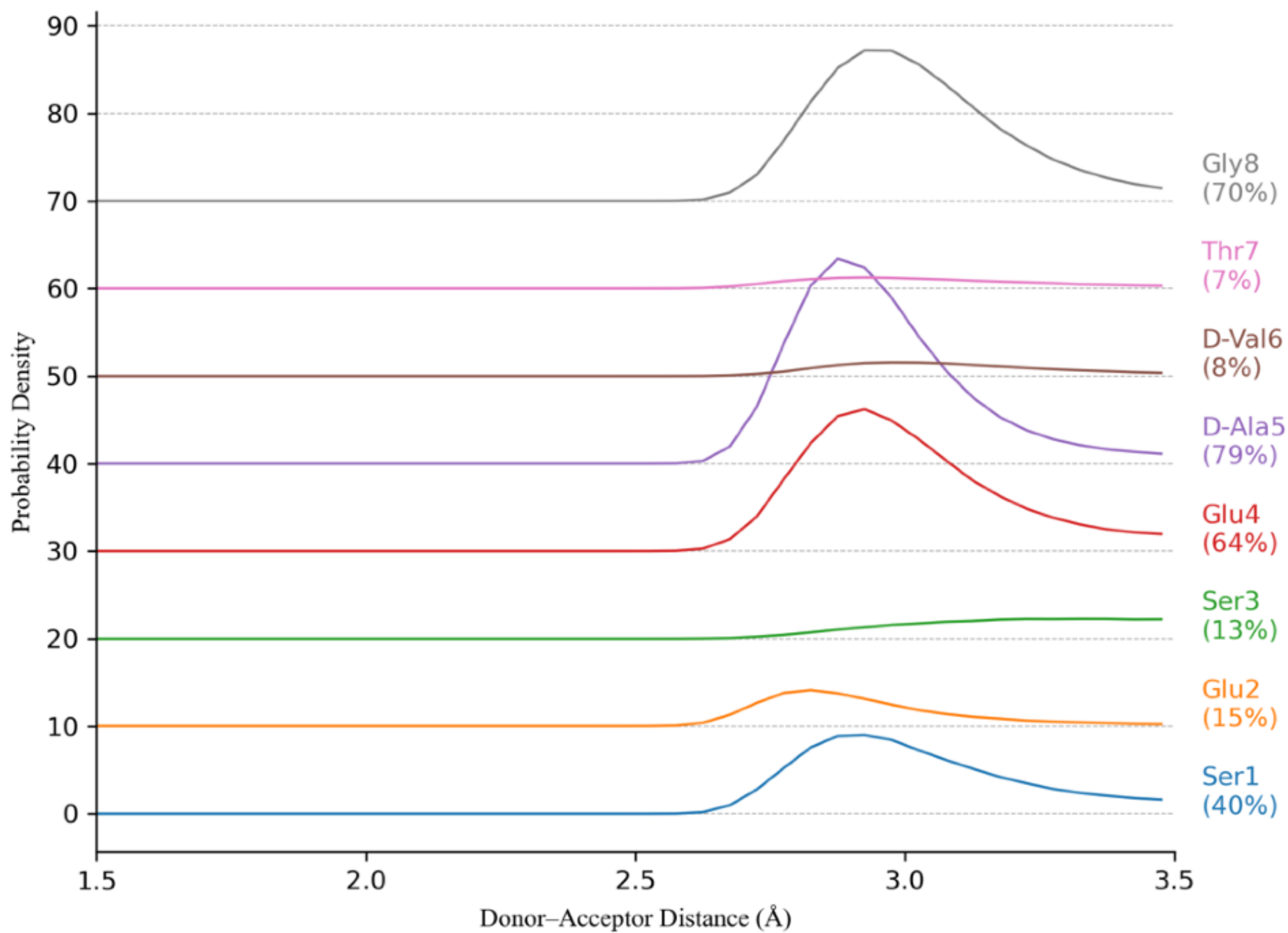
Project Description

Results

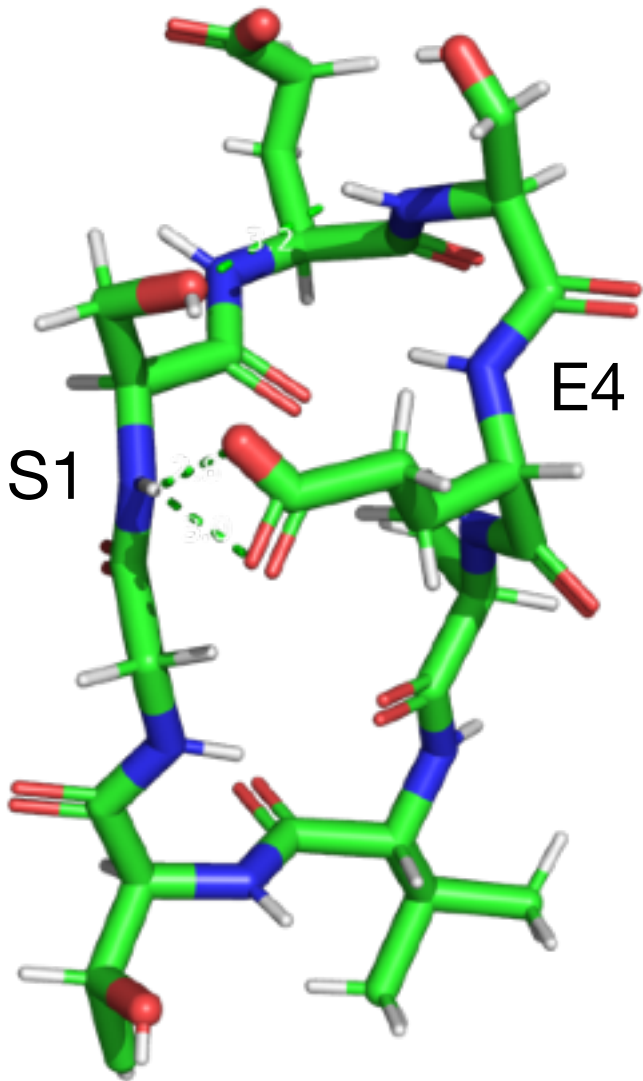
Conclusion

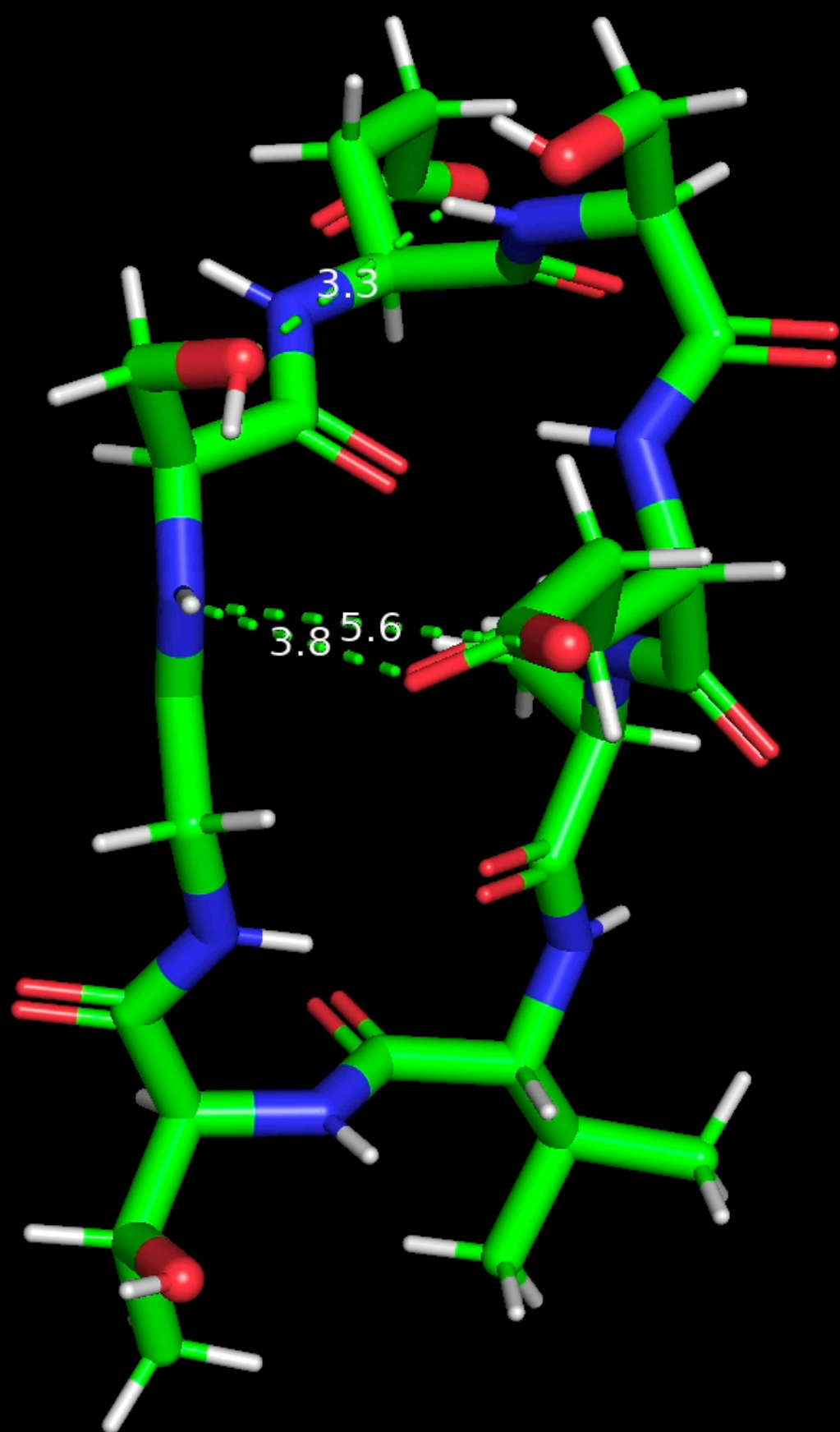
- Oxygen on S1 side-chain interacts with amide hydrogen of S3.
- Oxygens on E4 side-chain interacts with amide hydrogen of S1.

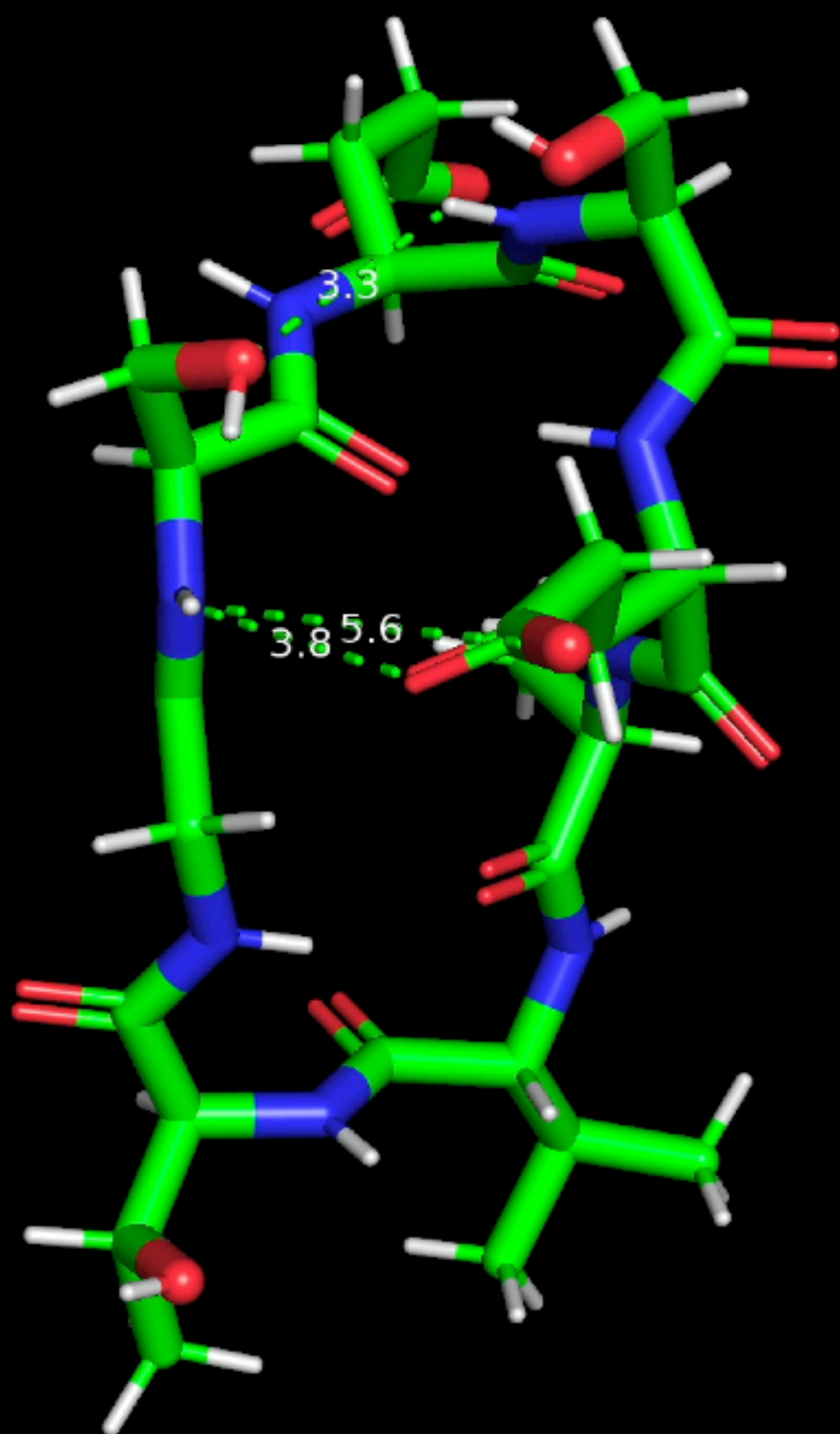
**S1 and E4 side-chains are
involved in intra-molecular
interactions**











interacts with and

• oxygen on S1 side-chain

hydrogenofs3.

interacts with and

• Oxys on E4 side-chain

hydrogenofss1.

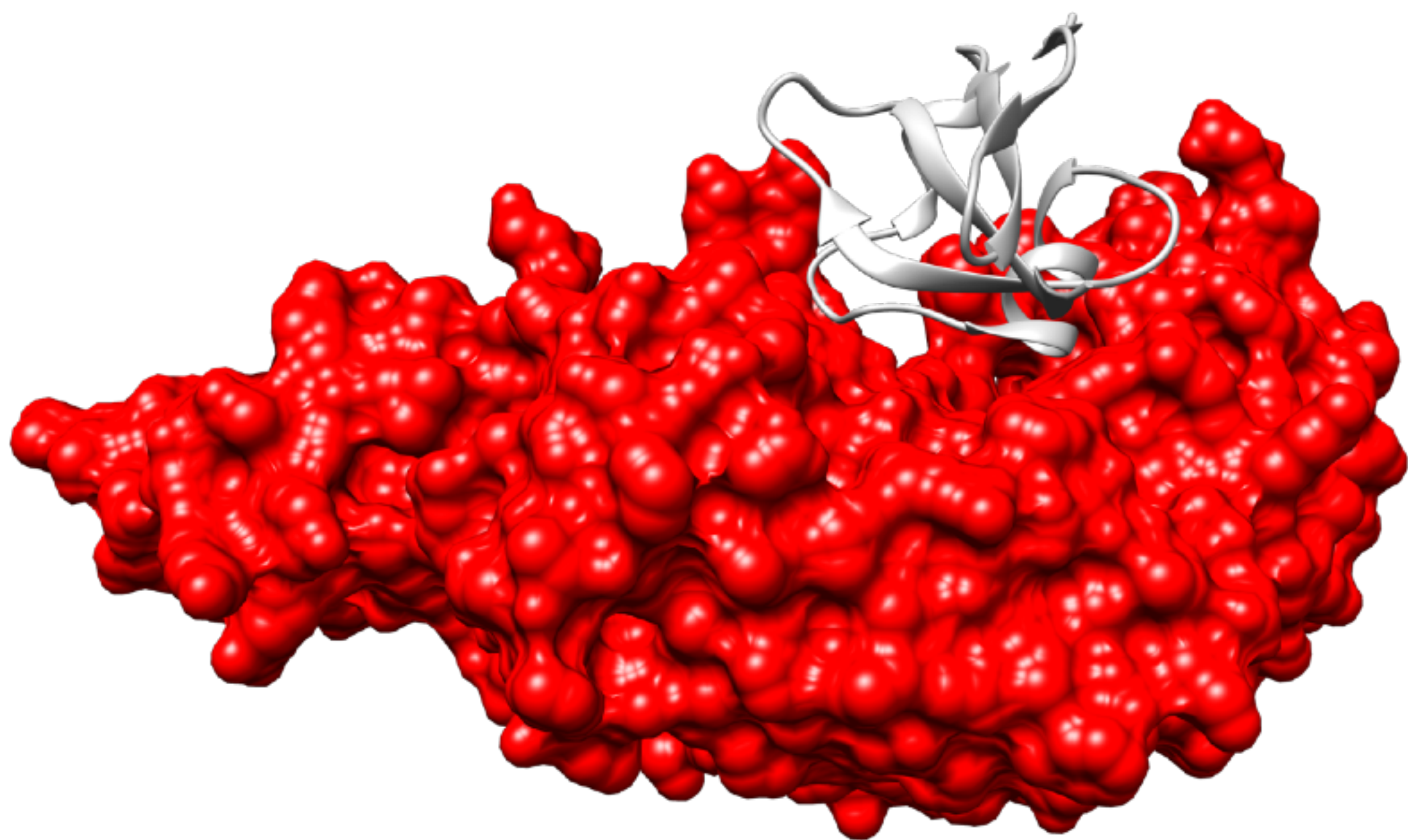
S1 and E4 side-chains are

involving intra-molecular

interactions



SEE is necessary, but is it sufficient?



J. Gavenois et al., *Nat. Chem. Biol.* 10, 716–722 (2014)

T. Sievert et al., *Methods Mol. Biol.* 1561, 255-277 (2017)

B. Hal et al., Mol. Cell 20, 9-19 (2005)

RED: 2ASIS

Skp2

CKS1