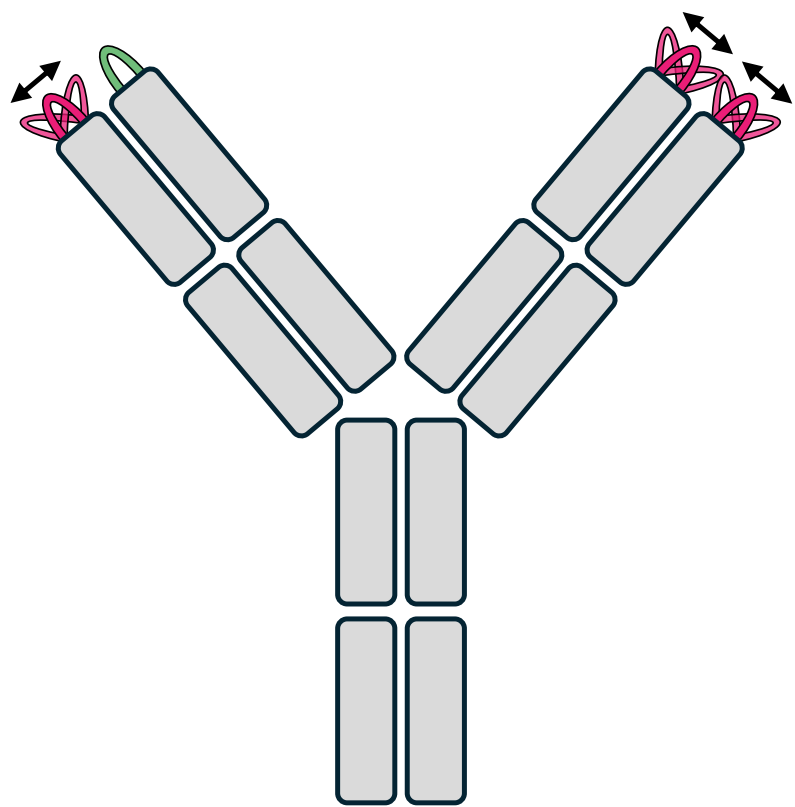
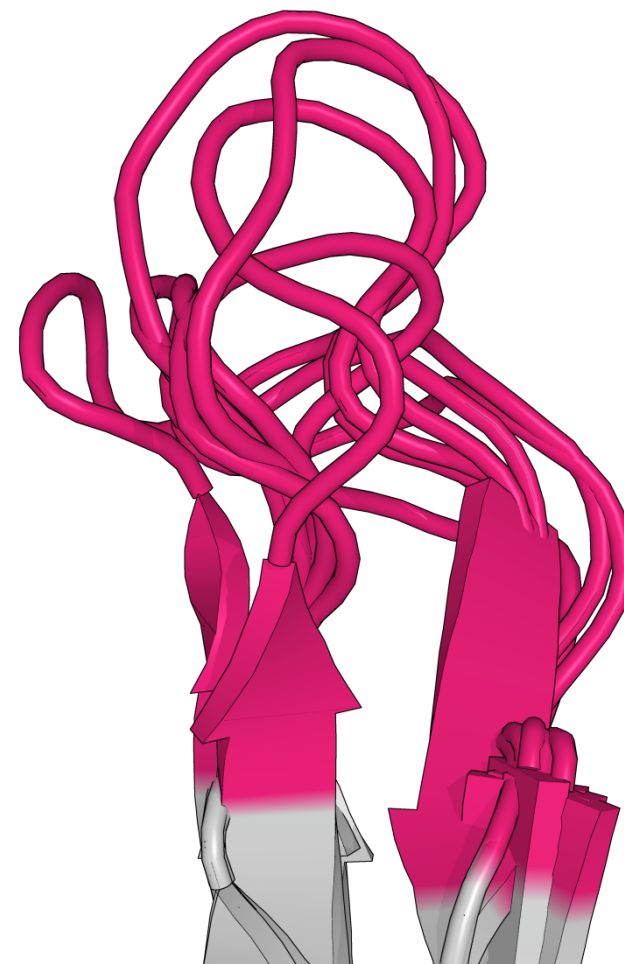
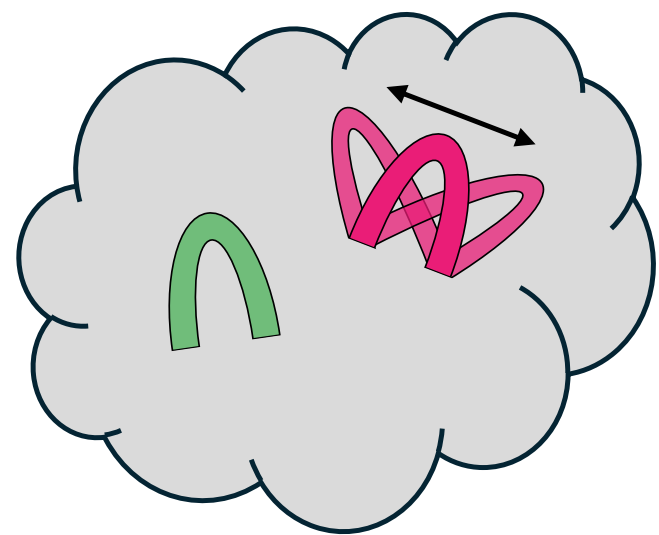


A Antibody CDR3s TCR CDR3s B



Loop motifs
across all
proteins

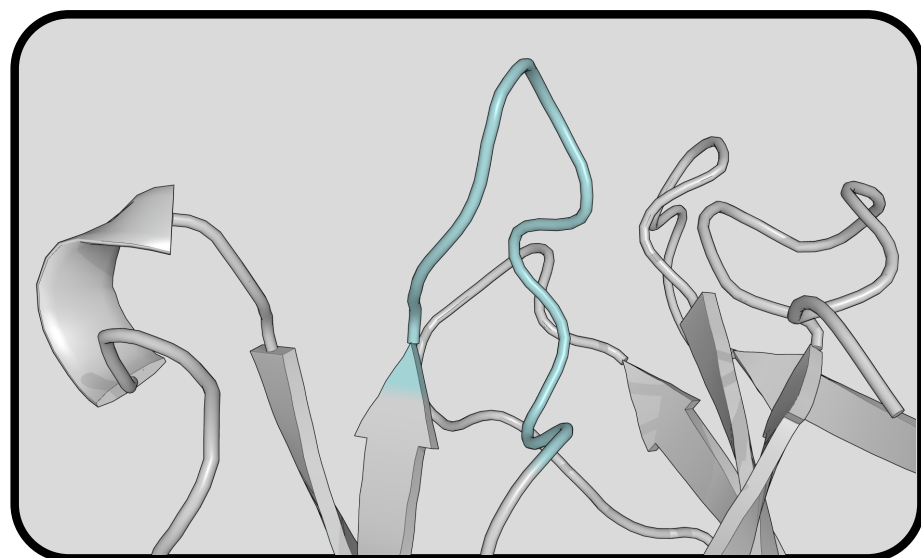


Flexible: adopts
several 3D shapes

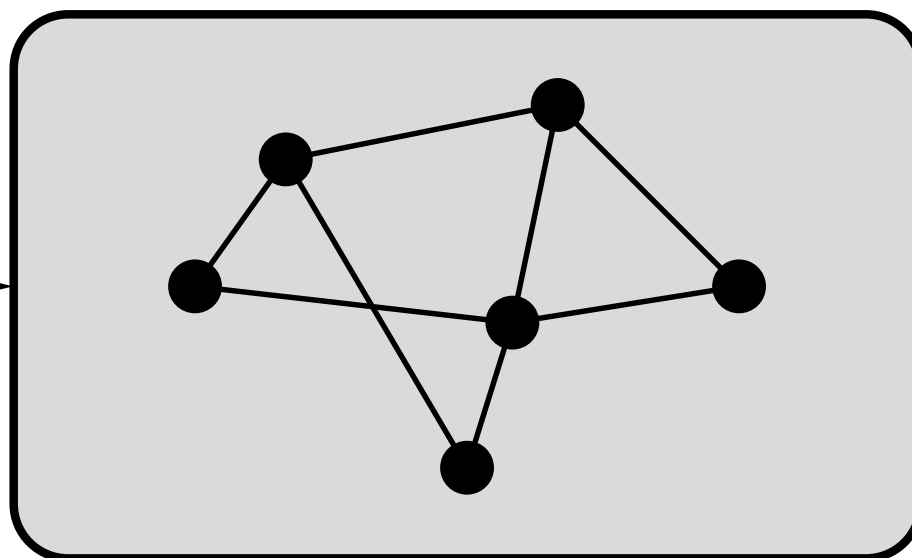


Rigid: adopts
one 3D shape

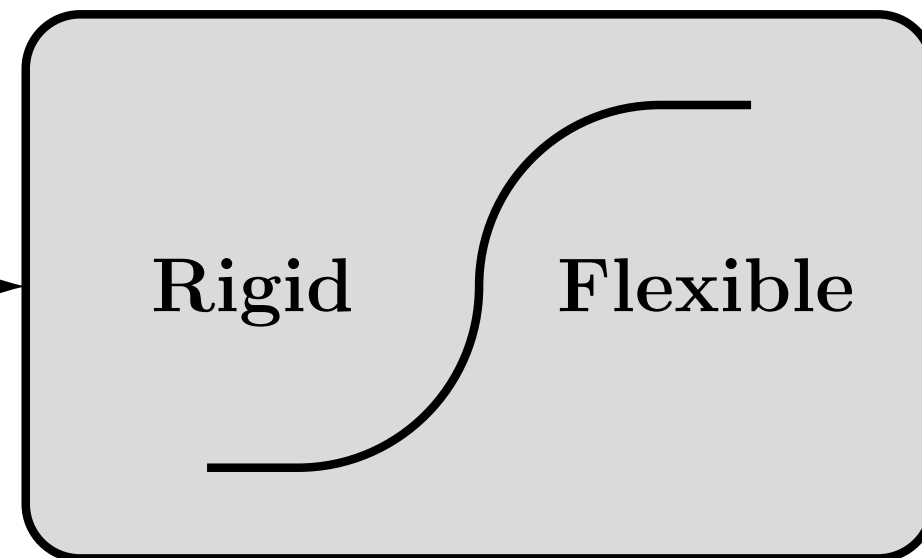
C



Extract loop
and context



E(n)-EGNN



Rigid Flexible

Binary classification