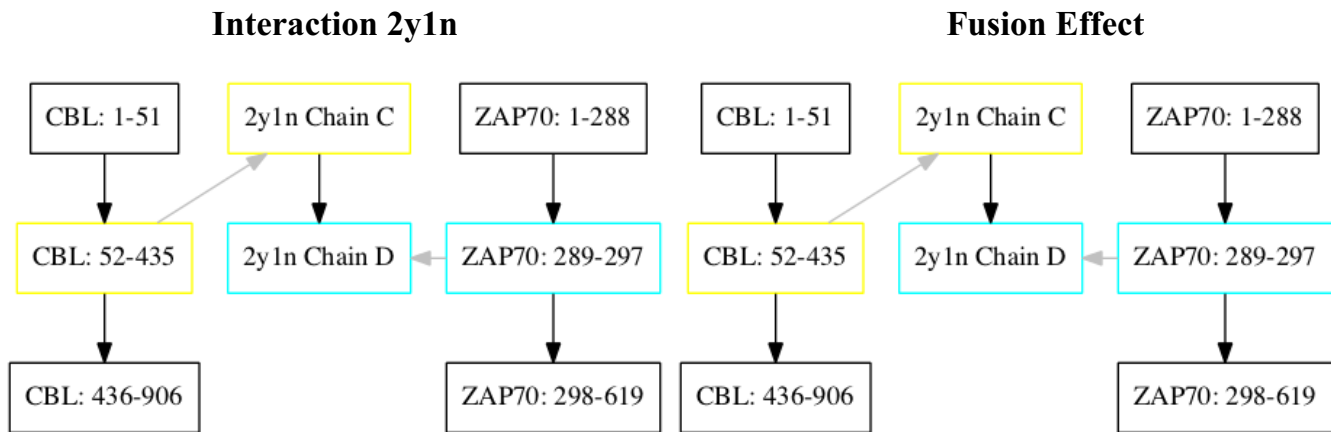


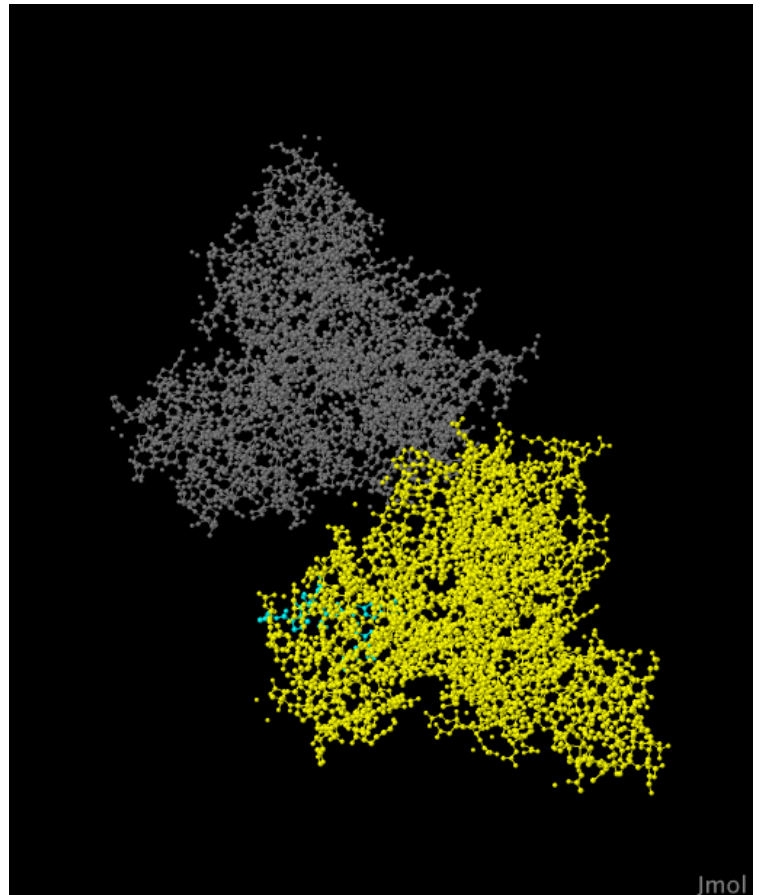
# Fusion KMT2A-CBL and Interaction 2y1n: (No direct effect on interaction 2y1n)



## Interactome3D

Interaction Complex: 2y1n

- CBL
  - Chain: C
  - Length: 1 - 906
  - Included in Interaction: 52 - 435
- ZAP70
  - Chain: D
  - Length: 1 - 619
  - Included in Interaction: 289 - 297



## Pfam

- Cbl\_N: 51-175
- Cbl\_N2: 179-262
- Cbl\_N3: 264-349
- Prok-RING\_4: 381-429
- UBA: 856-892

## PDBe

- Reaction: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.
- Author Description: Structure of c-Cbl-ZAP-70 peptide complex
- Citation: [Citation not listed.](#)

## COSMIC

Mutation: COSF1971

- First Gene in Fusion: KMT2A
  - genomic breakpoint: 4086+366
  - AA breakpoint: 122
- Second Gene in Fusion: CBL
  - genomic breakpoint: 1808-5749
  - AA breakpoint: 1916