

# Fusion KMT2A-CBL and Interaction CBL-ZAP70 (Complex 2y1n):

(No direct effect on interaction 2y1n)

### Interaction 2y1n

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

**COSMIC**  
Catalogue of somatic mutations in cancer

Mutation: COSF1971

- KMT2A genomic breakpoint: 4086+366
- KMT2A AA breakpoint: 122
- CBL genomic breakpoint: 1808-5749
- CBL AA breakpoint: 1916

Other interactions affected by fusion KMT2A-CBL

None

### Fusion Effect

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.](#)

Jmol

