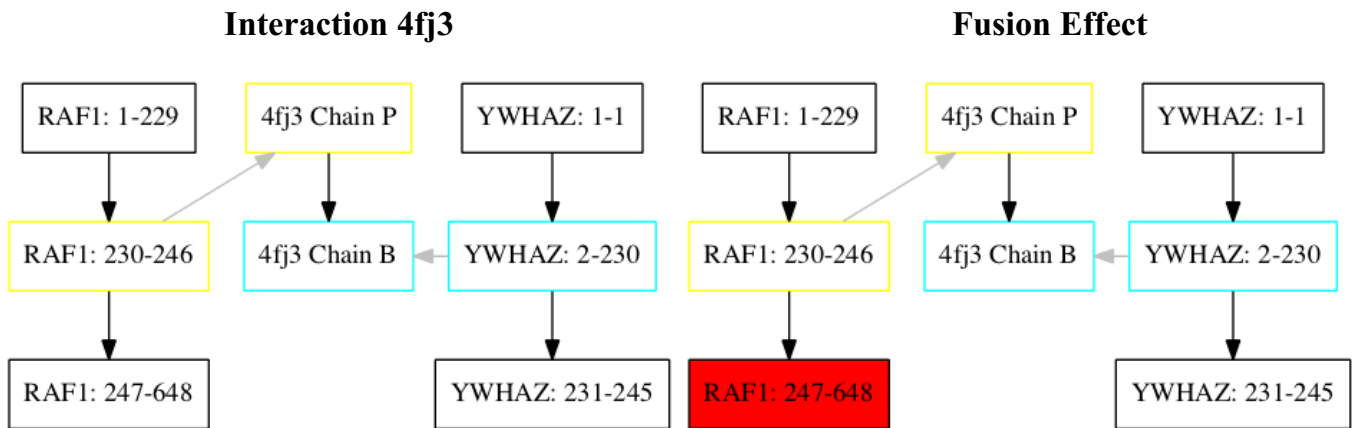


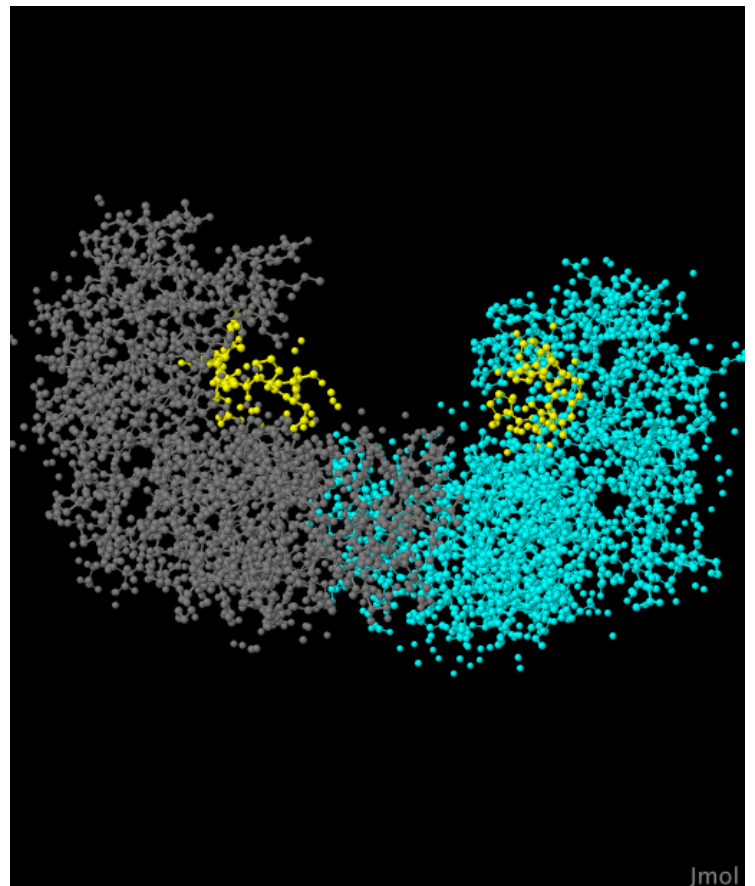
# Fusion HACL1-RAF1 and Interaction 4fj3: (No direct effect on interaction 4fj3)



## Interactome3D

Interaction Complex: 4fj3

- RAF1
  - Chain: P
  - Length: 1 - 648
  - Included in Interaction: 230 - 246
- YWHAZ
  - Chain: B
  - Length: 1 - 245
  - Included in Interaction: 2 - 230



## Pfam

- RBD: 57-129
- C1\_1: 139-187
- Pkinase\_Tyr: 349-606

## COSMIC

Mutation: COSF1733

- First Gene in Fusion: HACL1
  - genomic breakpoint: 2072
  - AA breakpoint: 690
- Second Gene in Fusion: RAF1
  - genomic breakpoint: 1275
  - AA breakpoint: 425

## PDBe

- Reaction: ATP + a protein = ADP + a phosphoprotein.
- Author Description: 14-3-3 isoform zeta in complex with a diphosphorylated C-RAF peptide
- Citation: <http://europepmc.org/abstract/MED/22922483>