

Fusion Event HACL1-RAF1 Affects Interaction 4fj3

(This fusion has 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

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>

Pfam

RBD: 57-129

C1_1: 139-187

Pkinase_Tyr: 349-606

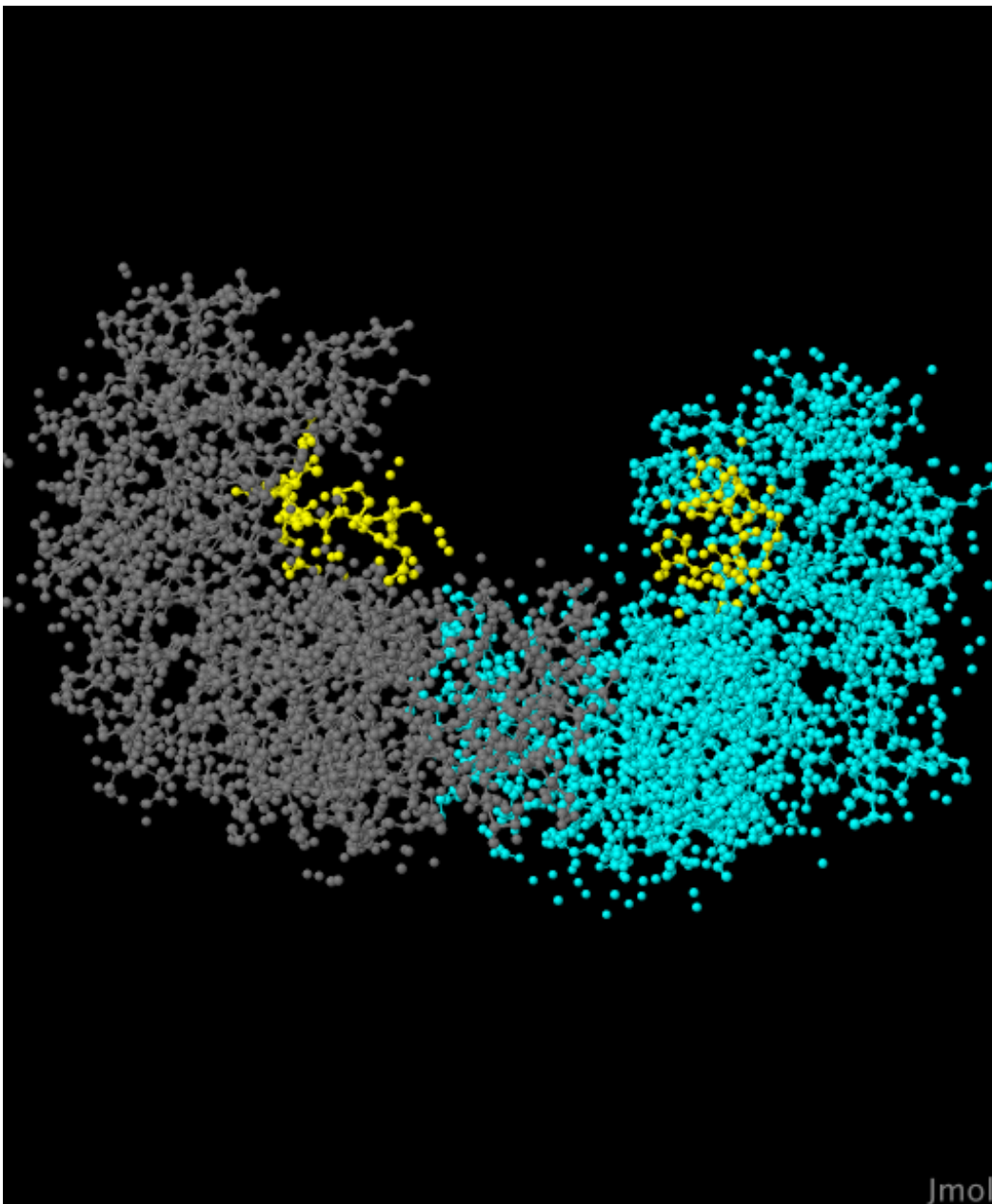
COSMIC

Mutation: COSF1733

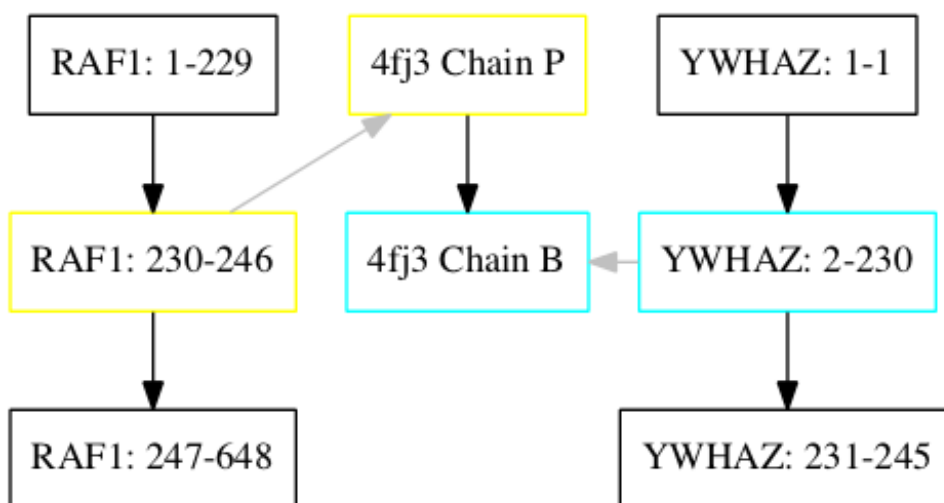
First Gene in Fusion: HACL1, genomic breakpoint: 2072, AA breakpoint: 690

Second Gene in Fusion: RAF1, genomic breakpoint: 1275, AA breakpoint: 425

Jmol



Interaction Schematic



Fusion Effect Schematic

