

Fusion Event MBOAT2-PRKCE Affects Interaction 2wh0

(This fusion has no direct effect on interaction 2wh0)

[Interactome3D](#)

Interaction Complex: 2wh0

YWHAZ

Chain: B

Length: 1 - 245

Included in Interaction: 2 - 228

PRKCE

Chain: Q

Length: 1 - 737

Included in Interaction: 365 - 372

[PDBe](#)

Reaction: ATP + a protein = ADP + a phosphoprotein.

Author Description: RECOGNITION OF AN INTRACHAIN TANDEM 14-3-3 BINDING SITE WITHIN PROTEIN KINASE C EPSILON

Citation: <http://europepmc.org/abstract/MED/19662078>

[Pfam](#)

C2: 6-119

C1_1: 170-223

C1_1: 243-295

Pkinase: 408-668

Pkinase_C: 689-730

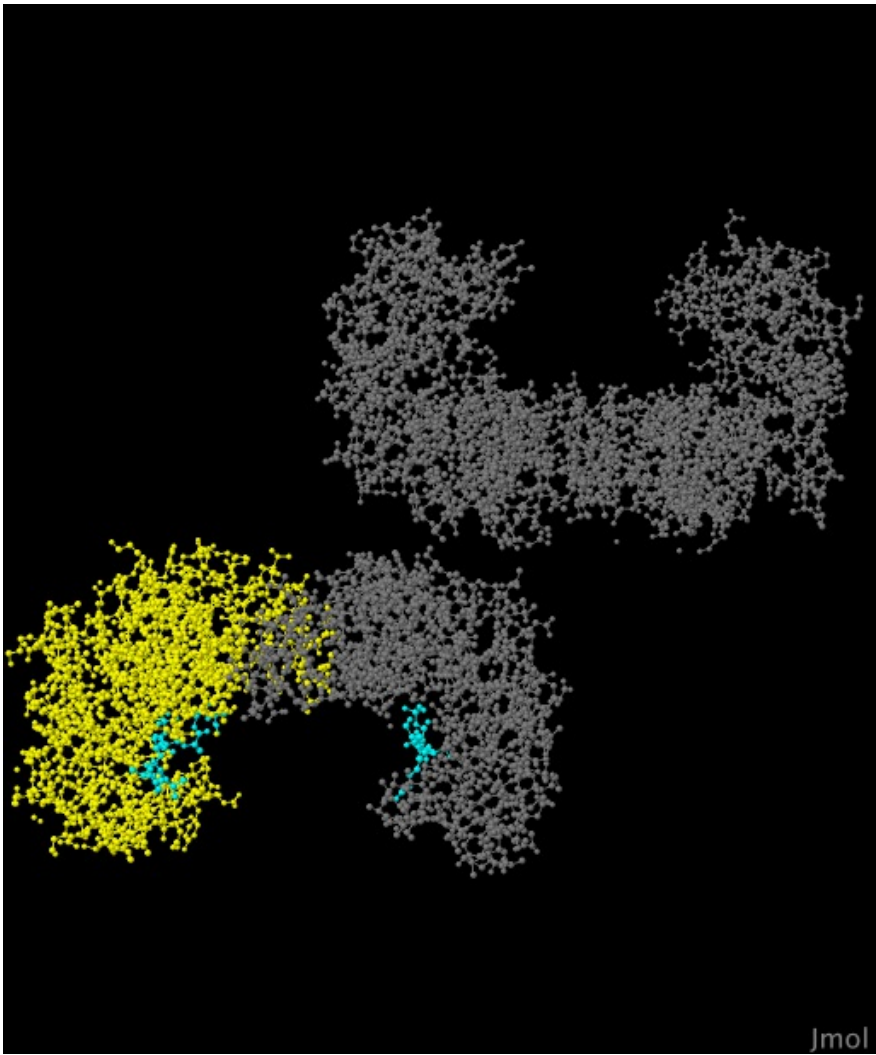
[COSMIC](#)

Mutation: COSF674

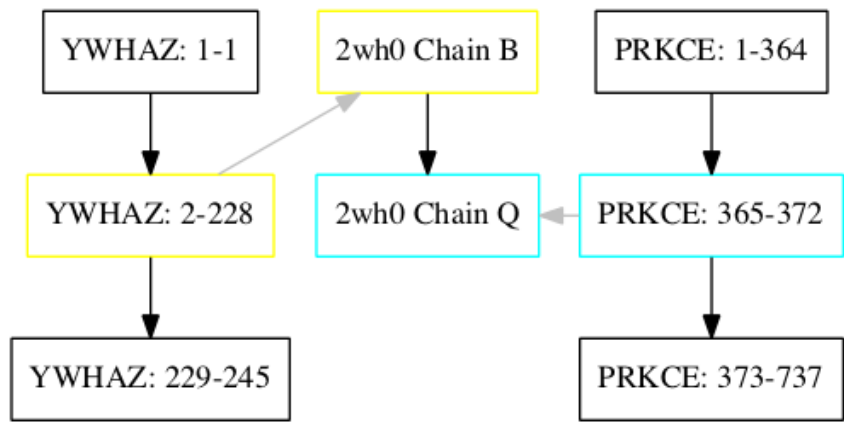
First Gene in Fusion: MBOAT2, genomic breakpoint: 705, AA breakpoint: 235

Second Gene in Fusion: PRKCE, genomic breakpoint: 1920, AA breakpoint: 640

[Jmol](#)



Interaction Schematic



Fusion Effect Schematic

