Fusion MBOAT2-PRKCE and Interaction YWHAZ-PRKCE (Complex 2wh0):

(No direct effect on interaction 2wh0)

Interaction 2wh0 **Fusion Effect** YWHAZ: 1-1 2wh0 Chain B PRKCE: 1-364 YWHAZ: 1-1 PRKCE: 1-364 2wh0 Chain B PRKCE: 365-372 YWHAZ: 2-228 PRKCE: 365-372 YWHAZ: 2-228 2wh0 Chain Q 2wh0 Chain Q

YWHAZ: 229-245

YWHAZ: 229-245

Complex: 2wh0

Chain: B Length: 1 - 245

Included in Interaction: 2 - 228

PRKCE

• Chain: Q Length: 1 - 737

Included in Interaction: 365 - 372



C1_1: 170-223 C1_1: 243-295

Pkinase: 408-668 Pkinase_C: 689-730

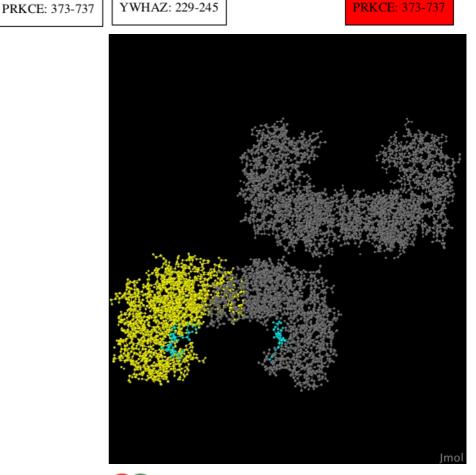


MBOAT2 genomic breakpoint: 705MBOAT2 AA breakpoint: 235

PRKCE genomic breakpoint: 1920 PRKCE AA breakpoint: 640

Other interactions affected by fusion MBOAT2-PRKCE

None





• 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