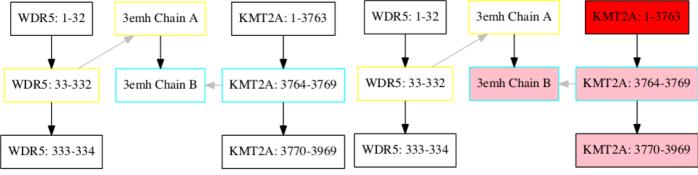
Fusion KMT2A-CREBBP and Interaction WDR5-KMT2A (Complex 3emh):

Interaction complex 3emh chain B, from gene "KMT2A", has been found in the leading part of the KMT2A-CREBBP fusion product

Interaction 3emh

Fusion Effect 3emh Chain A





Complex: 3emh WDR5

Chain: A Length: 1 - 334

Included in Interaction: 33 - 332

KMT2A

Chain: B

Length: 1 - 3969

Included in Interaction: 3764 - 3769



PHD: 1481-1533 <- Pfam domain included in fusion product PHD: 1568-1627 <- Pfam domain included in fusion product

zf-HC5HC2H: 1900-1978 <- Pfam domain included in fusion

FYRN: 2024-2071 <- Pfam domain included in fusion product

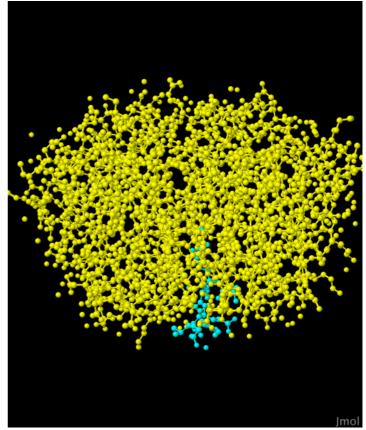
FYRC: 3666-3748 <- Pfam domain included in fusion product SET: 3840-3945 <- Pfam domain included in fusion product

Catalogue of somatic mutations in cancer Mutation: COSF1875

KMT2A genomic breakpoint: 4332 KMT2A AA breakpoint: 1444 CREBBP genomic breakpoint: 1609 CREBBP AA breakpoint: 536

Other interactions affected by fusion KMT2A-CREBBP

None





• S-adenosyl-L-methionine + L-lysine-[histone] = S-adenosyl-Lhomocysteine + N(6)-methyl-L-lysine-[histone].

Author Description:

· Structural basis of WDR5-MLL interaction

Citation:

http://europepmc.org/abstract/MED/18840606