

Fusion Event RSPO3-PTPRK Affects Interaction 4nn7

Interaction chain C in leading part of fusion product

[Interactome3D](#)

Interaction Complex: 4nn7

TEK

Chain: B

Length: 1 - 1124

Included in Interaction: 641 - 718

PTPRK

Chain: C

Length: 1 - 1439

Included in Interaction: 504 - 576

[PDBe](#)

Reaction: Biological process not assigned.

Author Description: Cytokine receptor complex - Crystal form 2

Citation: <http://europepmc.org/abstract/MED/24632570>

[Pfam](#)

MAM: 36-193

I-set: 197-288

fn3: 292-376

fn3: 493-583

Y_phosphatase: 910-1140

Y_phosphatase: 1200-1434

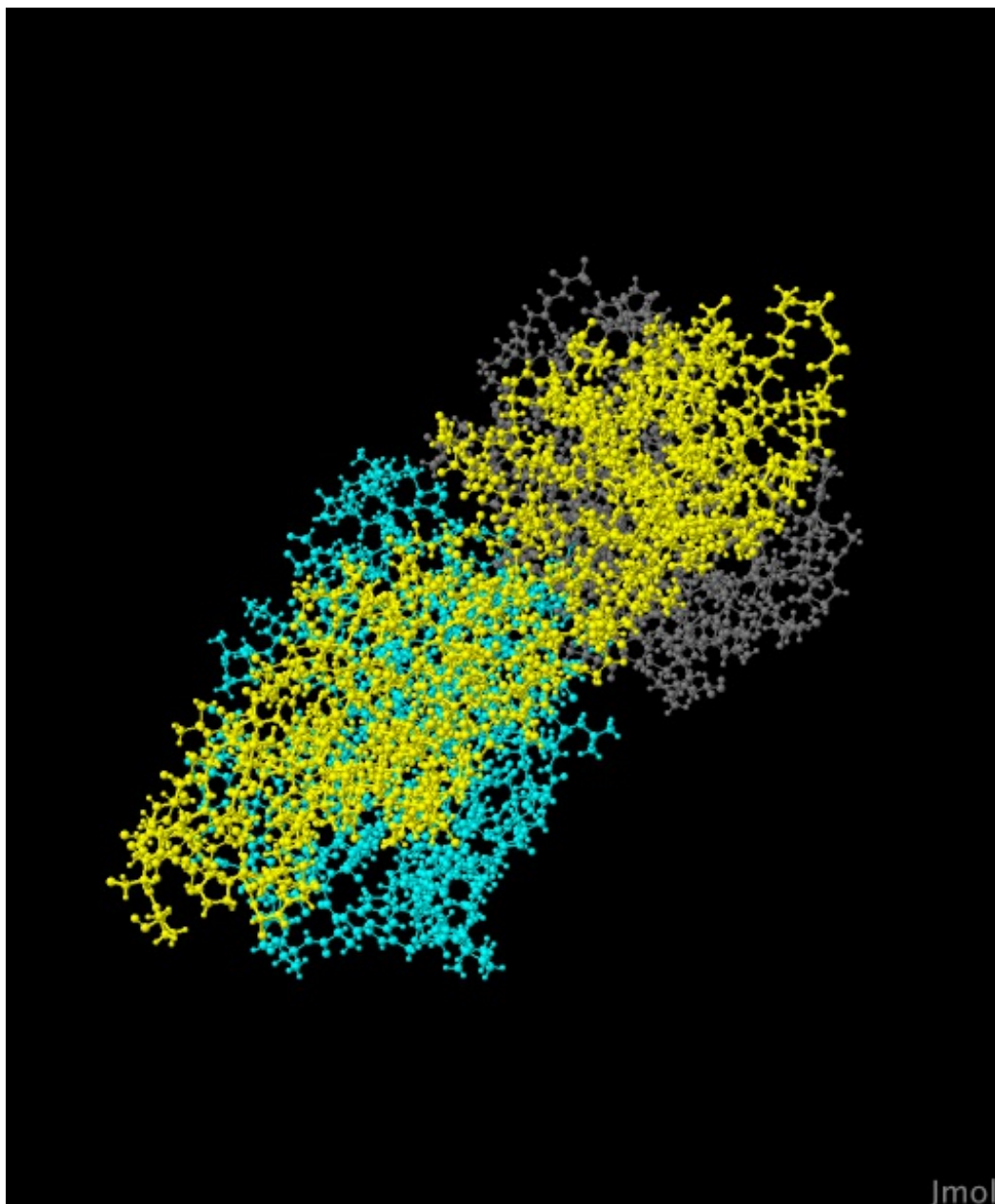
[COSMIC](#)

Mutation: COSF1312

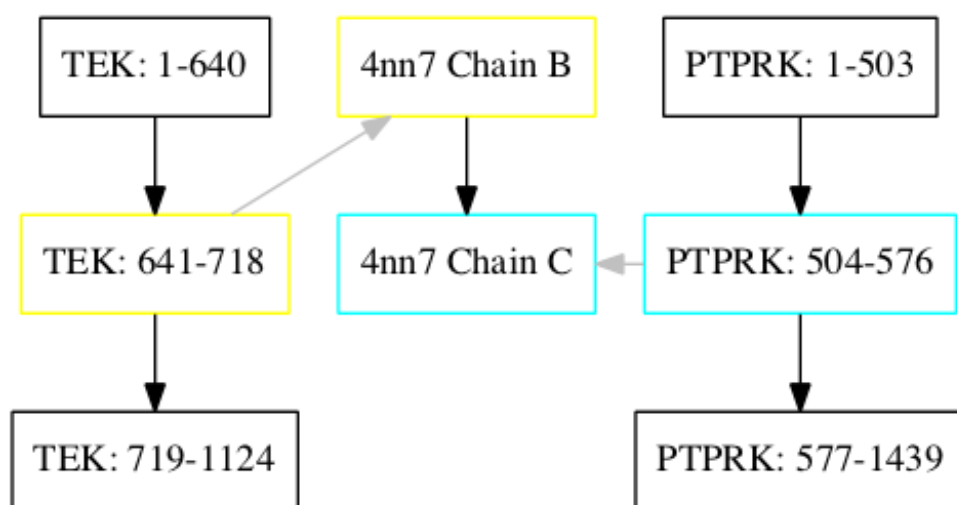
First Gene in Fusion: PTPRK, genomic breakpoint: 416, AA breakpoint: 138

Second Gene in Fusion: RSPO3, genomic breakpoint: 687, AA breakpoint: 229

Jmol



Interaction Schematic



Fusion Effect Schematic

