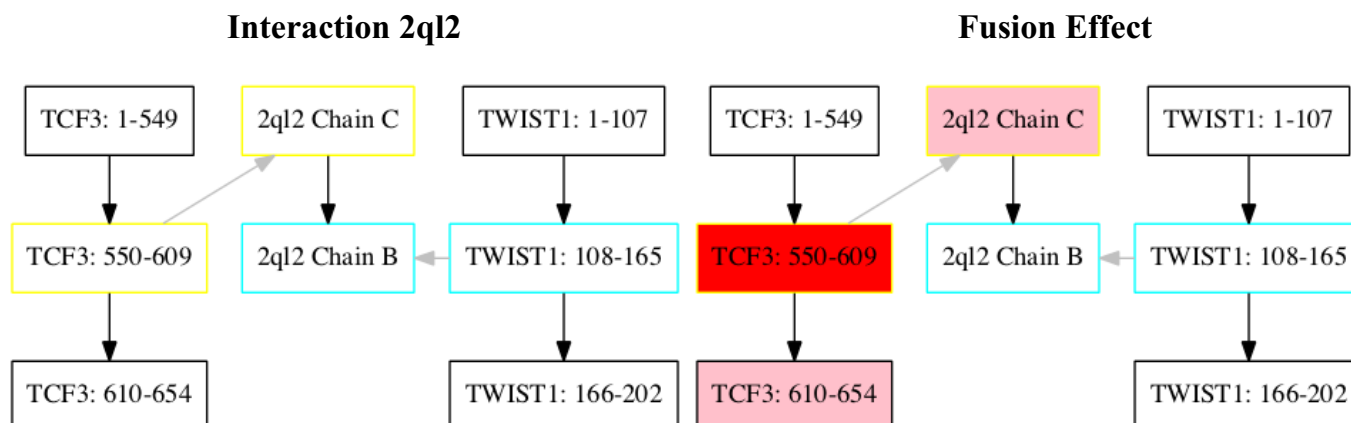


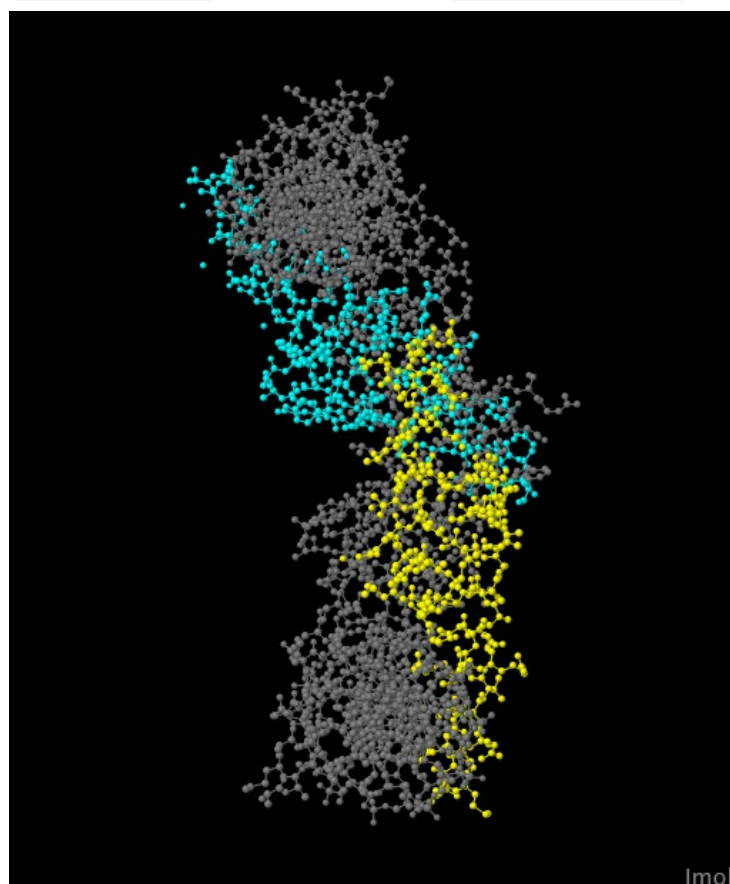
# Fusion PBX1-TCF3 and Interaction 2q12: Chain C in leading part of fusion product



## Interactome3D

Interaction Complex: 2q12

- TCF3
  - Chain: C
  - Length: 1 - 654
  - Included in Interaction: 550 - 609
- TWIST1
  - Chain: B
  - Length: 1 - 202
  - Included in Interaction: 108 - 165



## Pfam

- HLH: 550-603

## COSMIC

Mutation: COSF1490

- First Gene in Fusion: TCF3
  - genomic breakpoint: 1795
  - AA breakpoint: 598
- Second Gene in Fusion: PBX1
  - genomic breakpoint: 454
  - AA breakpoint: 151

## PDBe

- Reaction: Biological process not assigned.
- Author Description: Crystal Structure of the basic-helix-loop-helix domains of the heterodimer E47/NeuroD1 bound to DNA
- Citation: <http://europepmc.org/abstract/MED/18069799>

ReactomeFIFusion Generated Report