

Sequence

Mature protein

Region

PTM

Catenin beta-1

33
Phosphoserine

4 Cohorts

Literature support

2 Validations PHOSPHOSITEPLUS

50 Publications PHOSPHOSITEPLUS

Peer reviewed articles curated by
PhosphoSitePlus®

Regulation of eukaryotic translation initiation
factor 6 dynamics through multisite
phosphorylation by GSK3

Jungers Courtney F., Elliff Jonah M., Masson-
Meyers Daniela S. *et al.*

Journal of Biological Chemistry 295:12796-12813
(2020). [PubMed] [Europe PMC]

β -Catenin- RAS interaction serves as a molecular
switch for RAS degradation via GSK 3 β

Lee Sang-Kyu, Jeong Woo-Jeong, Cho Yong-Hee *et al.*

EMBO reports 19:None (2018). [PubMed]
[Europe PMC]

Known publications from CPTAC,
UniProtKB, and PhosphoSitePlus



Ex. CTNNB1 phosphosites



PTM abundance in published CPTAC cohorts

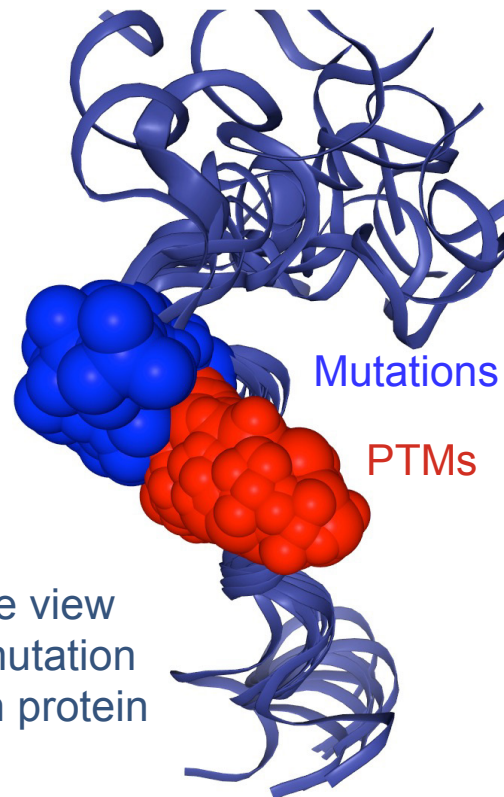
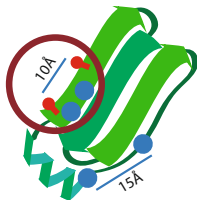
Tumor
Normal

CTNNB1:NP_001091679.1:S33, 2.031295 Tumor

CTNNB1:NP_001091679.1:S33

CTNNB1:NP_001091679.1:S33;S47

HotPTM



Interactive view
of PTM-mutation
cluster on protein
structure