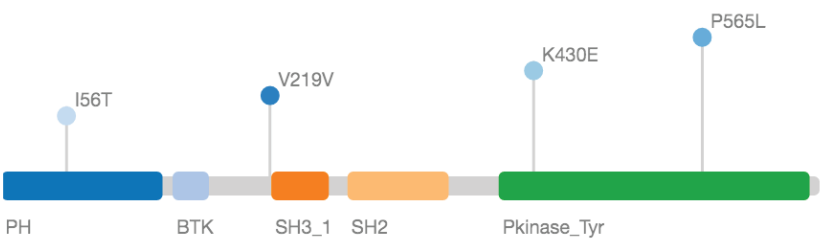


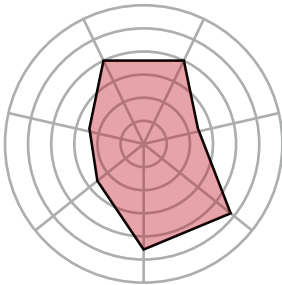
BTK

Description	Bruton tyrosine kinase
Entrez	695
Ensembl	ENSG00000010671
Uniprot	Q06187
Omim	300300
ProteomicsDB	58419
ExAC	ENSG00000010671
PDB structure	XXYY
ORFeome	53007
Uniprot length	659
ORFeome length	659
BioGrid interactions	114
Protein Atlas localization	Localized to vesicles, supportive
UniProt localization	Cytoplasm, cell membrane, peripheral membrane protein, nucleus

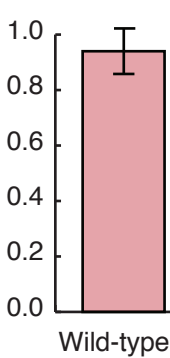


Variants
I56T
V219V
K430E
P565L

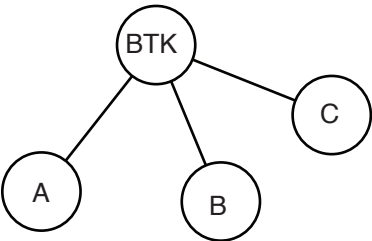
Chaperone interactions



Expression level (ELISA)

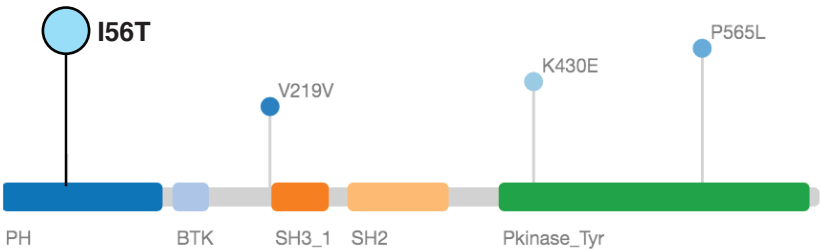


Yeast two-hybrid interactions



BTK

Description	Bruton tyrosine kinase
Entrez	695
Ensembl	ENSG00000010671
Uniprot	Q06187
Omim	300300
ProteomicsDB	58419
ExAC	ENSG00000010671
PDB structure	XXYY
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Uniprot length	659
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BioGrid interactions	114
Protein Atlas localization	Localized to vesicles, supportive
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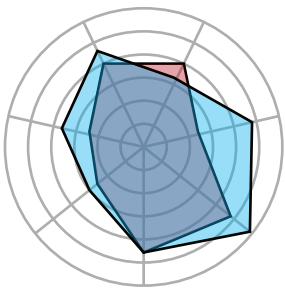


Variants
I56T
V219V
K430E
P565L

I56T

Disease	Agammaglobulinaemia
OMIM disease	300755
Inheritance	X-linked recessive
ClinVar accession	XXYY
dbSNP	XXYY
HGMD accession	CM056536
HGMD mutation class	DM
PubMed reference	16159644
ExAC frequency	0
PolyPhen score	0.59
PolyPhen class	possibly damaging
CADD score	XXYY
Solvent accessibility	buried
Conservation index	0.279
Y2H edgotype	edgetic

Chaperone interactions

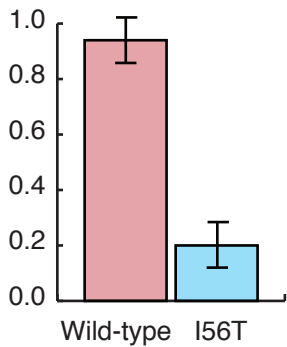


I56T
Wild-type

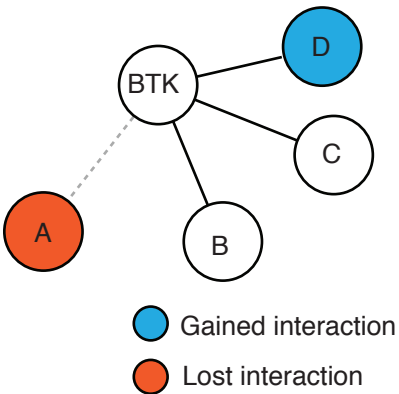
Significant change

Bag2 +5.42
Hsp70 +3.23

Expression level (ELISA)



Yeast two-hybrid interactions



Download variant information (csv, tsv, Excel)
Download all data for BTK (csv, tsv, Excel)