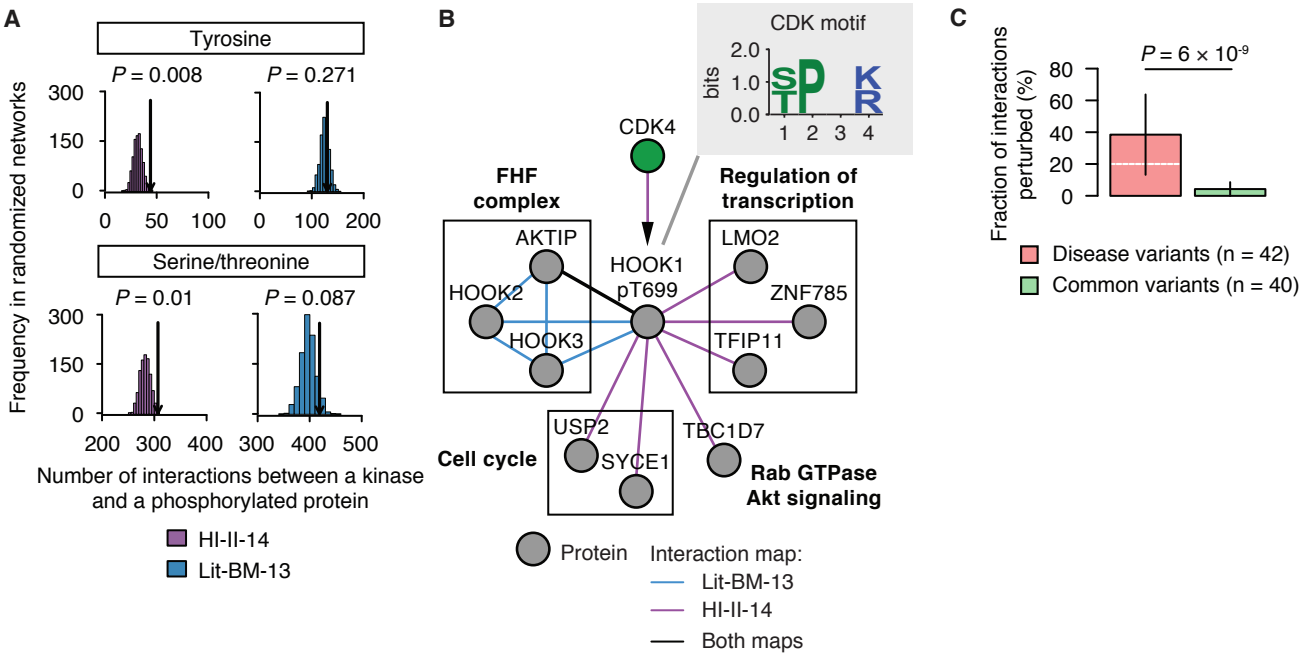
A
Tyrosine
P = 0.008
P = 0.271
Serine/threonine
P = 0.01
P = 0.087
Frequency in randomized networks
Number of interactions between a kinase and a phosphorylated protein
HI-II-14
Lit-BM-13
B
CDK motif
bits
CDK4
FHF complex
Regulation of transcription
AKTIP
HOOK2
HOOK3
HOOK1
pT699
LMO2
ZNF785
TFIP11
USP2
SYCE1
TBC1D7
Cell cycle
Rab GTPase
Akt signaling
Protein
Interaction map:
Lit-BM-13
HI-II-14
Both maps
C
P = 6 × 10-9
Fraction of interactions perturbed (%)
Disease variants (n = 42)
Common variants (n = 40)