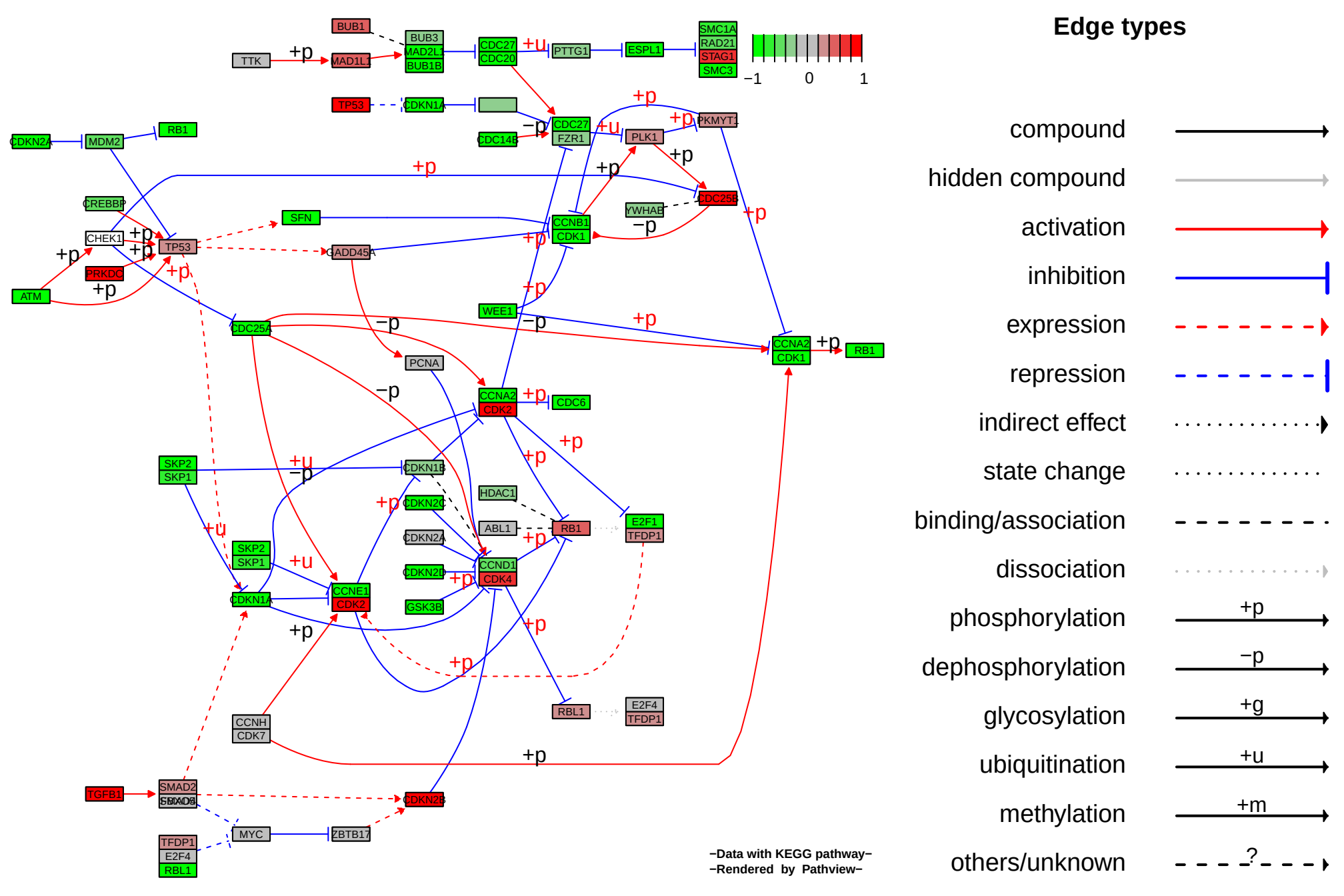
BUB1
BUB3
MAD2L1
BUB1B
TTK
MAD1L1
CDC27
CDC20
PTTG1
ESPL1
SMC1A
RAD21
STAG1
SMC3
−1
0
1
TP53
CDKN1A
CDC14B
CDC27
FZR1
PLK1
PKMYT1
CDKN2A
MDM2
RB1
CREBBP
CHEK1
TP53
SFN
GADD45A
CCNB1
CDK1
YWHAB
CDC25B
PRKDC
ATM
CDC25A
WEE1
PCNA
CCNA2
CDK1
RB1
CCNA2
CDK2
CDC6
SKP2
SKP1
CDKN1B
HDAC1
CDKN2C
ABL1
RB1
E2F1
TFDP1
CDKN2A
CCND1
CDK4
CDKN2D
GSK3B
CDKN1A
CCNE1
CDK2
RBL1
E2F4
TFDP1
CCNH
CDK7
TGFB1
SMAD2
SMAD3
CDKN2B
MYC
ZBTB17
TFDP1
E2F4
RBL1
−Data with KEGG pathway−
−Rendered by Pathview−
Edge types
compound
hidden compound
activation
inhibition
expression
repression
indirect effect
state change
binding/association
dissociation
phosphorylation
+p
dephosphorylation
−p
glycosylation
+g
ubiquitination
+u
methylation
+m
others/unknown
?