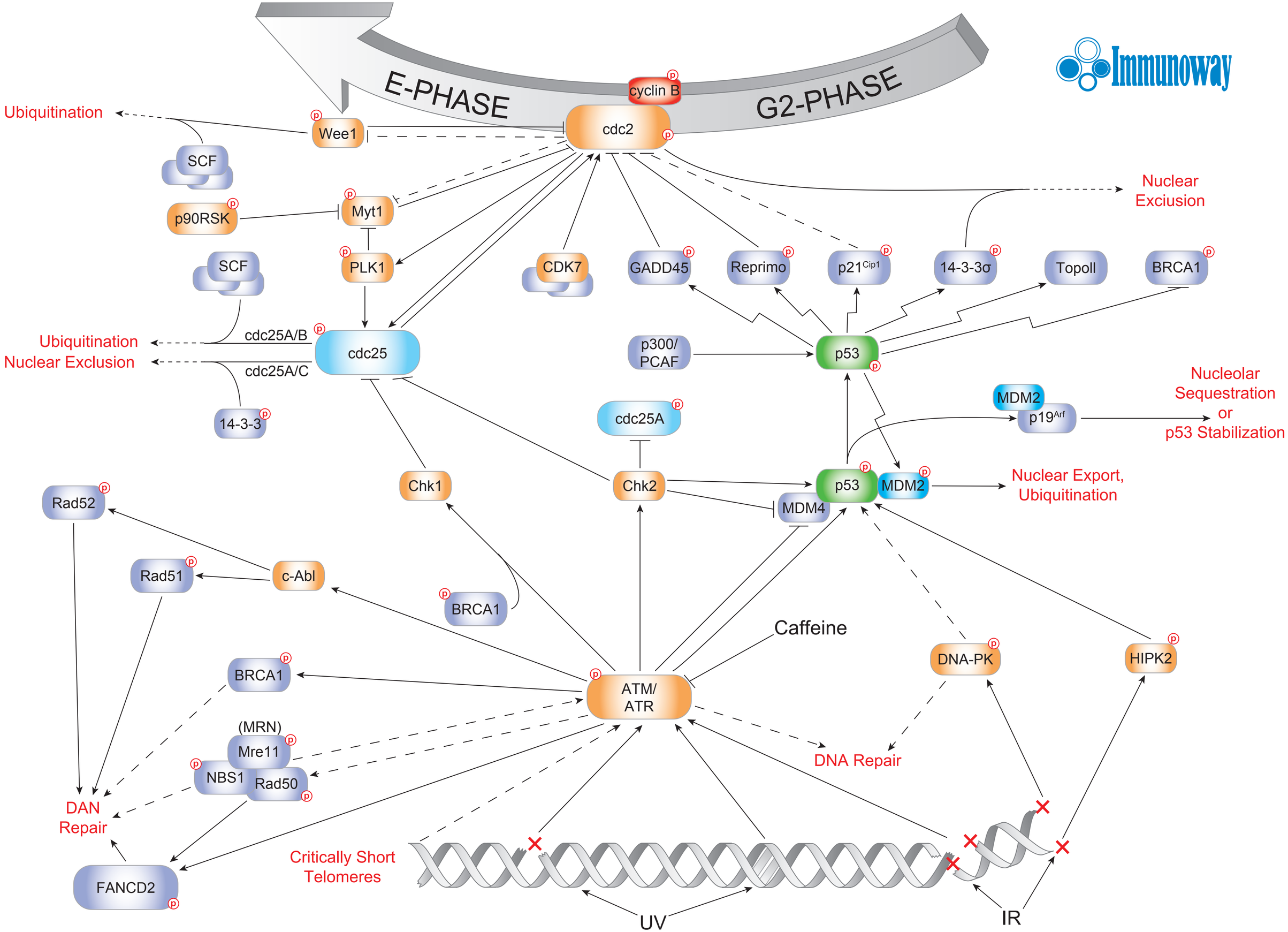
E-PHASE
G2-PHASE
cyclin B
cdc2
Wee1
Ubiquitination
SCF
p90RSK
Myt1
PLK1
SCF
CDK7
GADD45
Reprimo
p21Cip1
14-3-3σ
TopoII
BRCA1
Nuclear Exciusion
Ubiquitination
Nuclear Exclusion
cdc25A/B
cdc25A/C
cdc25
14-3-3
p300/ PCAF
p53
MDM2
p19Arf
Nucleolar Sequestration or p53 Stabilization
cdc25A
Chk1
Chk2
p53
MDM2
MDM4
Nuclear Export, Ubiquitination
Rad52
Rad51
c-Abl
BRCA1
Caffeine
DNA-PK
HIPK2
BRCA1
ATM/ ATR
(MRN)
Mre11
NBS1
Rad50
DNA Repair
DAN Repair
FANCD2
Critically Short Telomeres
UV
IR