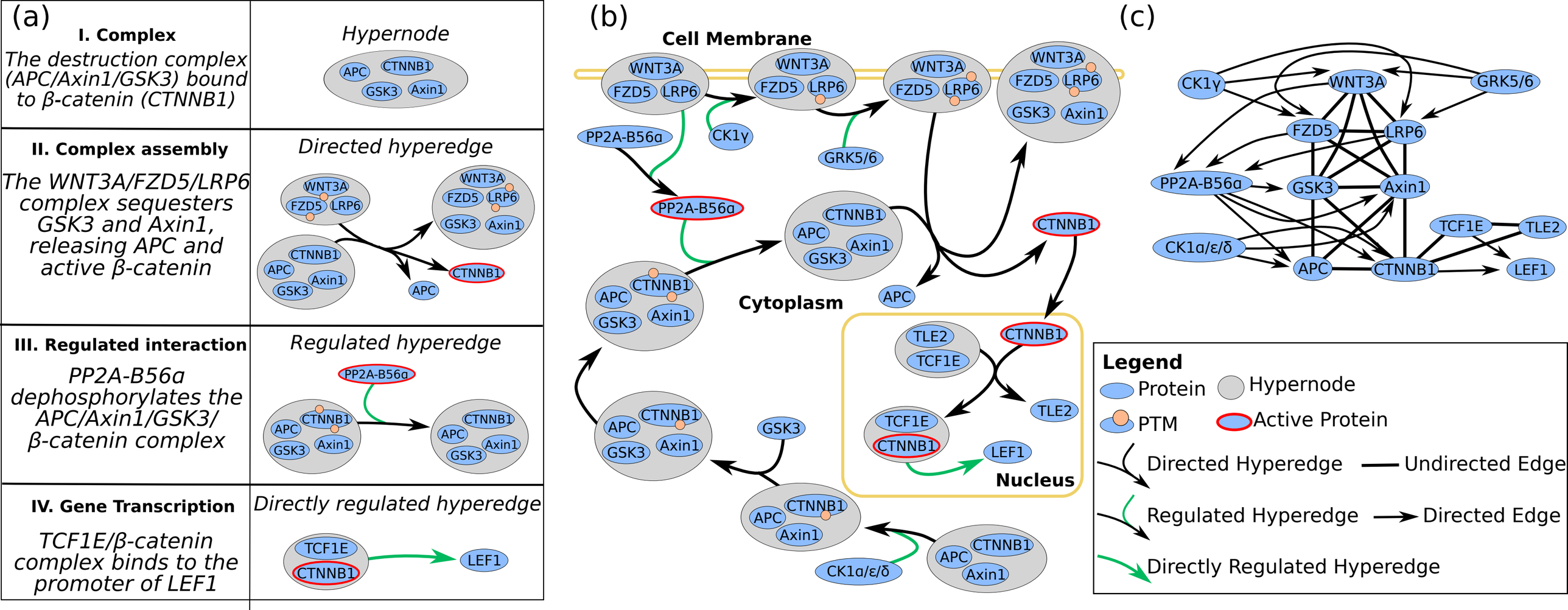
(a)
I. Complex
The destruction complex (APC/Axin1/GSK3) bound to β-catenin (CTNNB1)
Hypernode
APC
CTNNB1
GSK3
Axin1
II. Complex assembly
The WNT3A/FZD5/LRP6 complex sequesters GSK3 and Axin1, releasing APC and active β-catenin
Directed hyperedge
WNT3A
FZD5
LRP6
CTNNB1
APC
Axin1
GSK3
III. Regulated interaction
PP2A-B56α dephosphorylates the APC/Axin1/GSK3/ β-catenin complex
Regulated hyperedge
PP2A-B56α
IV. Gene Transcription
TCF1E/β-catenin complex binds to the promoter of LEF1
Directly regulated hyperedge
TCF1E
LEF1
(b)
Cell Membrane
Cytoplasm
Nucleus
CK1γ
GRK5/6
CK1α/ε/δ
TLE2
(c)
Legend
Protein
Hypernode
PTM
Active Protein
Directed Hyperedge
Undirected Edge
Regulated Hyperedge
Directed Edge
Directly Regulated Hyperedge