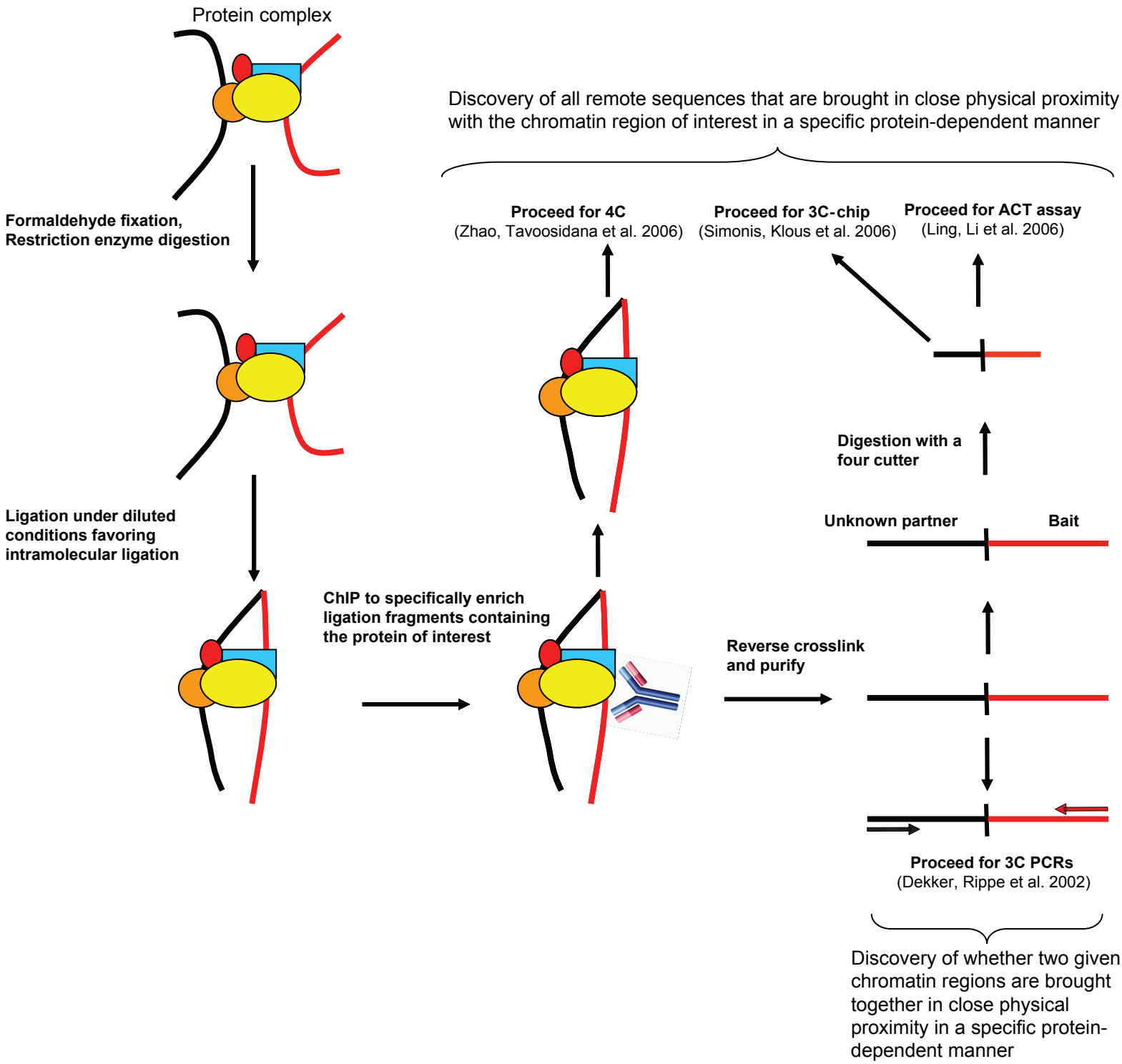
Protein complex
Formaldehyde fixation,
Restriction enzyme digestion
Ligation under diluted
conditions favoring
intramolecular ligation
ChIP to specifically enrich
ligation fragments containing
the protein of interest
Reverse crosslink
and purify
Digestion with a
four cutter
Unknown partner
Bait
Proceed for 3C PCRs
(Dekker, Rippe et al. 2002)
Discovery of whether two given
chromatin regions are brought
together in close physical
proximity in a specific protein-
dependent manner
Discovery of all remote sequences that are brought in close physical proximity
with the chromatin region of interest in a specific protein-dependent manner
Proceed for 4C
(Zhao, Tavoosidana et al. 2006)
Proceed for 3C-chip
(Simonis, Klous et al. 2006)
Proceed for ACT assay
(Ling, Li et al. 2006)