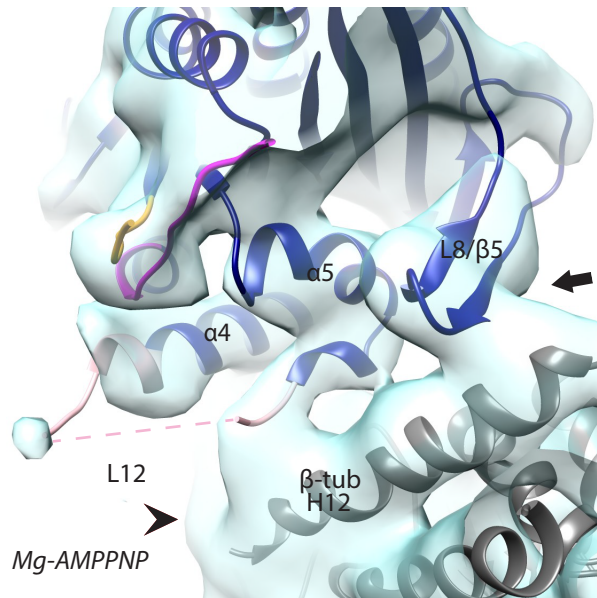
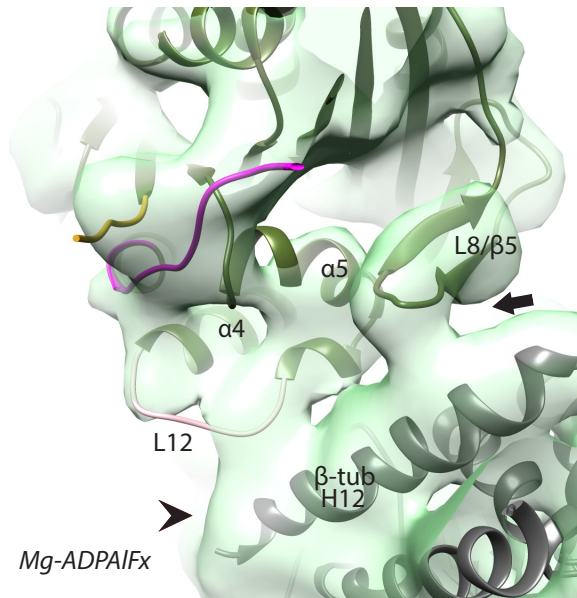


A




**Kin3-MT**

B

**Kin1-MT****Figure 4 S1****Models**

 Kin3-Mg-AMPPNP	 Kin1-Mg-ADPAIFx-MT
 α -tubulin (PDB 1JFF)	 β -tubulin (PDB 1JFF)

Motifs

 Neck linker	 Loop 12
 N-term	