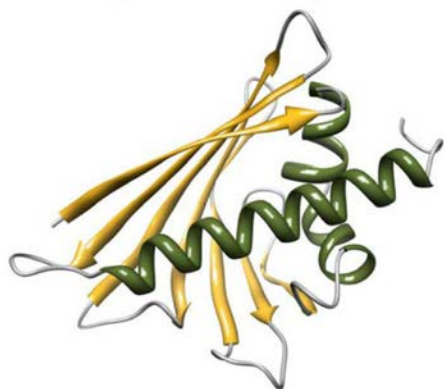


花粉アレルゲンと果実・野菜アレルゲンの立体構造

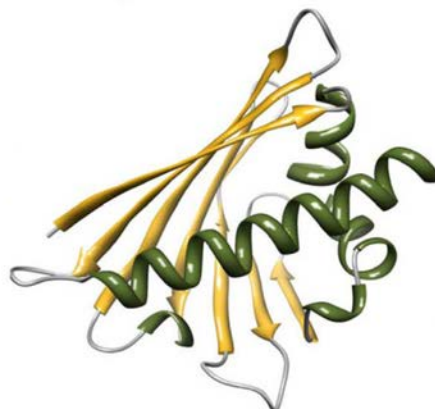
花粉 シラカンバの Major Ag
Bet v 1 = PR-10 protein

Bet v 1
(PDB: 1BV1)



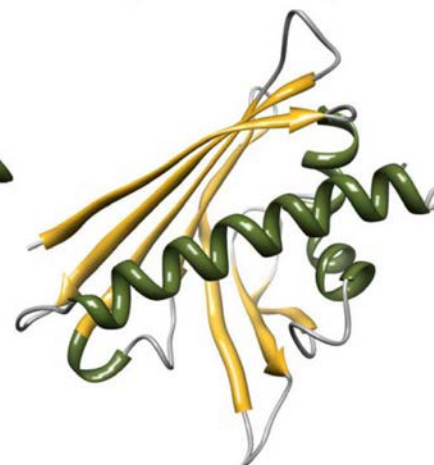
野菜 セロリの Ag
PR-10 protein

Api g 1
(PDB: 2BK0)



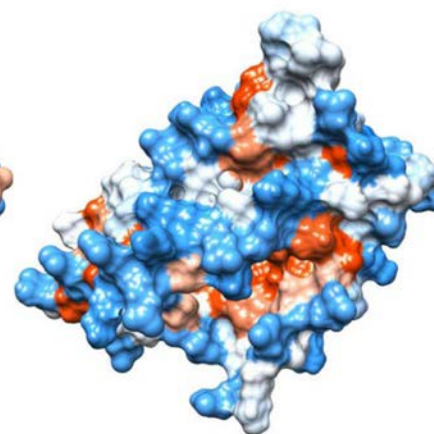
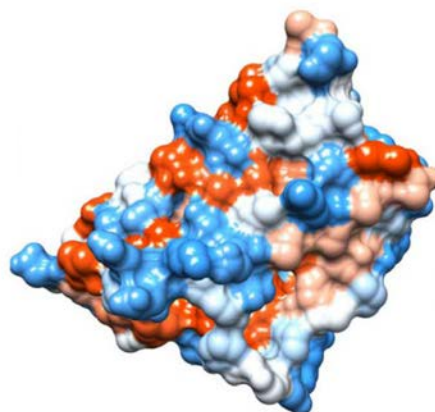
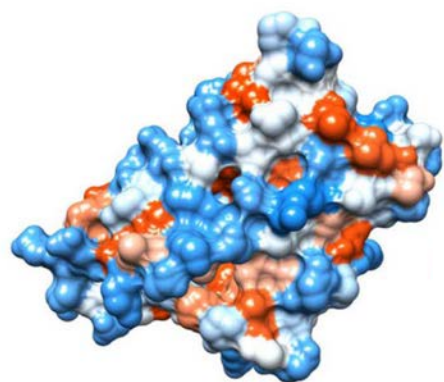
果実 サクランボの Ag
PR-10 protein

Pru av 1
(PDB: 1E09)



Green = α -helices
Yellow = β -sheets
Grey = loops & turns

A



Blue = hydrophilic AA
Red = hydrophobic AA

B