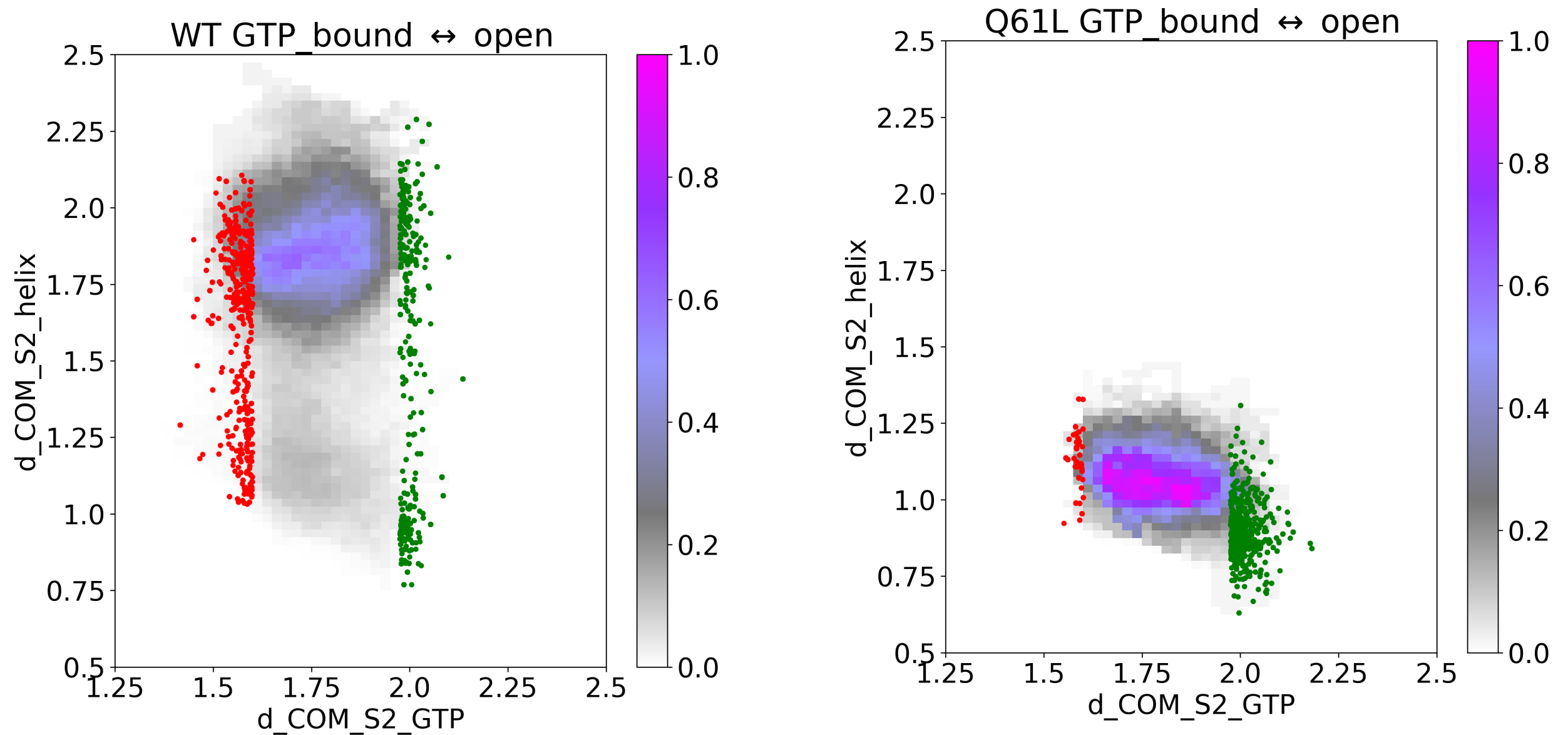


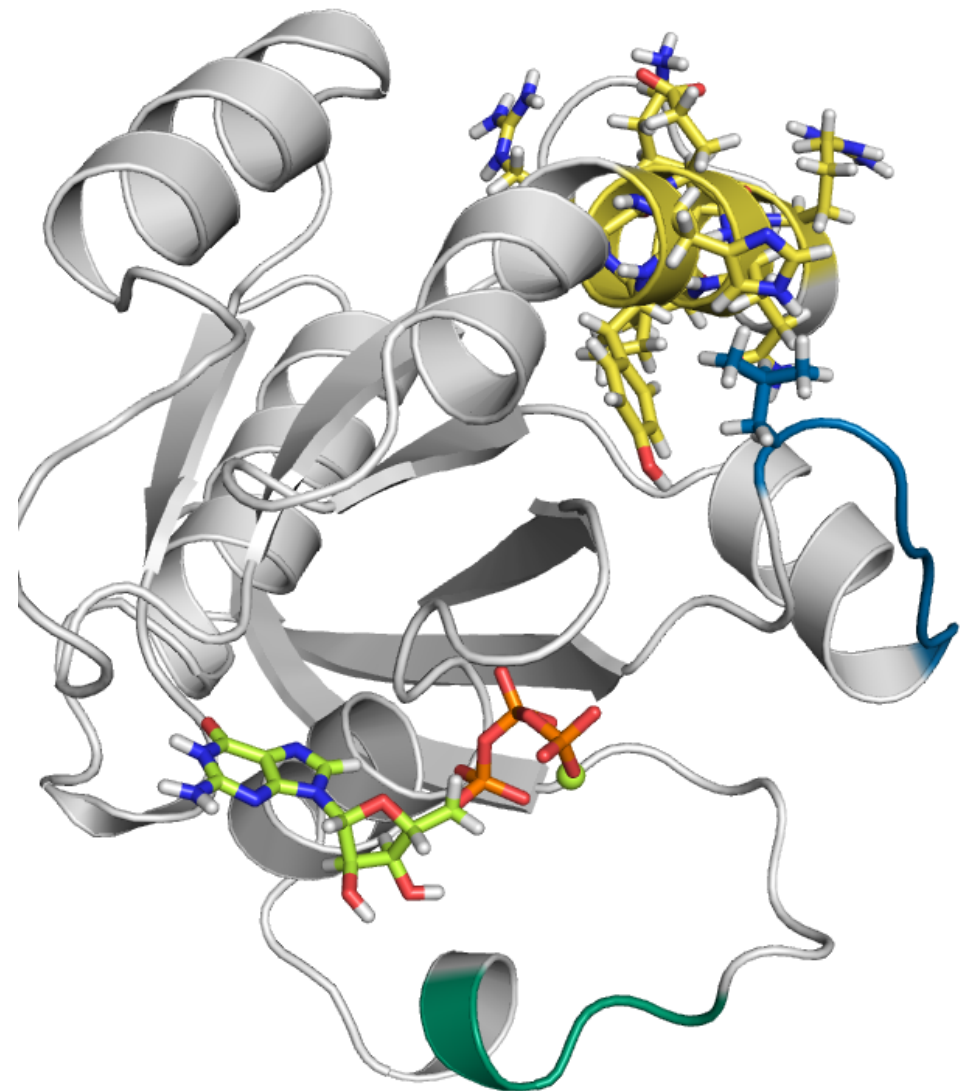
# Path Densities from the K-Ras TPS



There is a channel in the WT that is not present in Q61L

# Why the difference?

- WT opening has a channel further from the  $\alpha 3$  helix
- Q61L replaces charged residue with hydrophobic
- Losing that direct solvation channel makes it more likely to remain in the active (closed) state



Physics → Chemistry → Biology