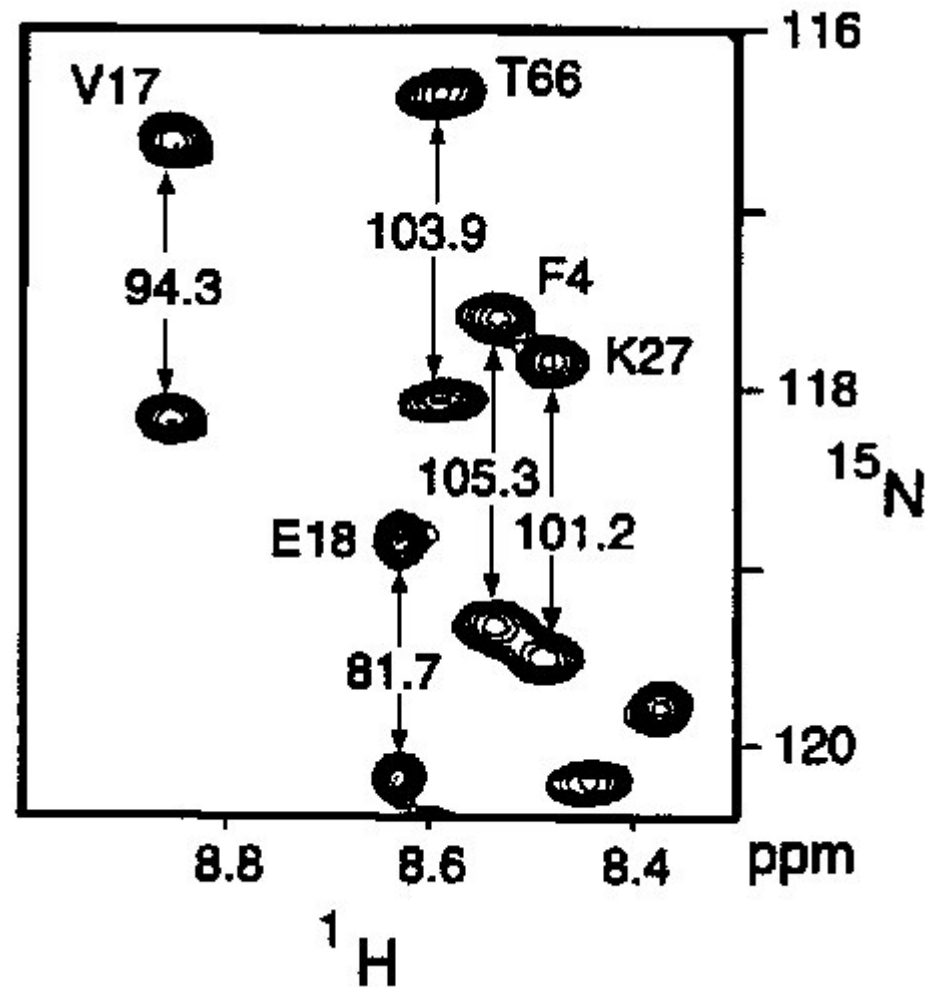


# Measured $^1\text{H}$ - $^{15}\text{N}$ Coupling is Sum of Scalar (J) and Dipolar (D)

- Peak Separation =  $J + D$
- J is nearly constant  $\sim -90$  Hz
- D is positive or negative and less than J



Bax and Tjandra, *J. Biomol. NMR*,  
10 (1997) 289-292