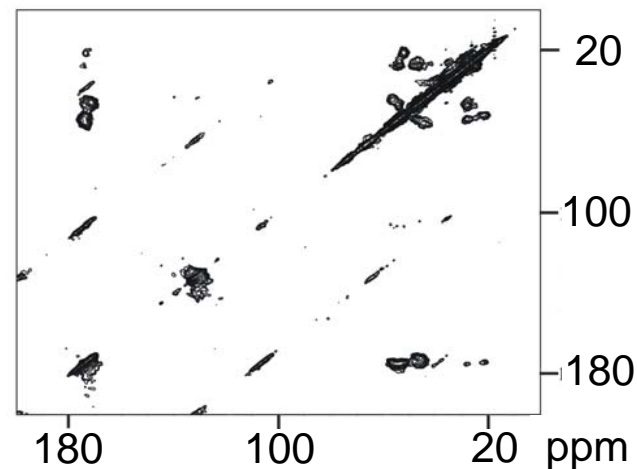
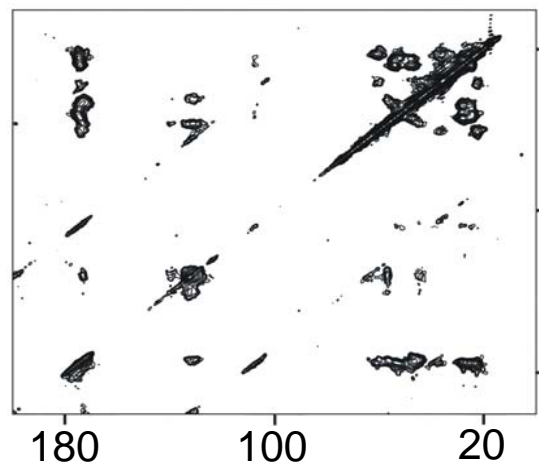
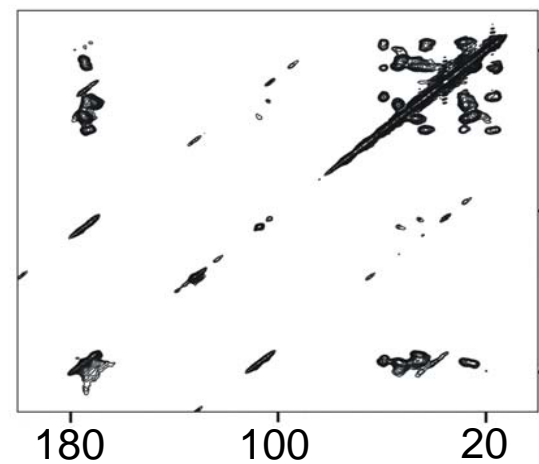


# 2D $^{13}\text{C}$ assignment of membrane-associated HIV FP with scatter U- $^{13}\text{C}$ , $^{15}\text{N}$ labeling

Ile-4, Leu-9,  
Gly-13, Ala-15

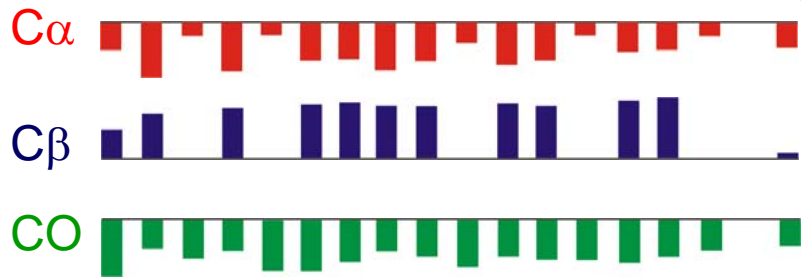
Ala-1, Gly-3,  
Phe-8, Leu-12

Val-2, Leu-7, Phe-11,  
Ala-14, Gly-16



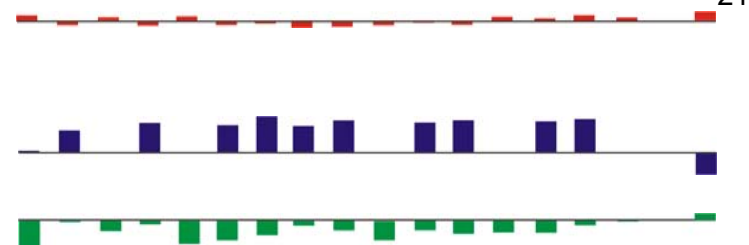
$(\nu - \nu_{\text{helix}})$

A V G I G A L F L G F L G A A G ... A<sub>21</sub>



$(\nu - \nu_{\text{strand}})$

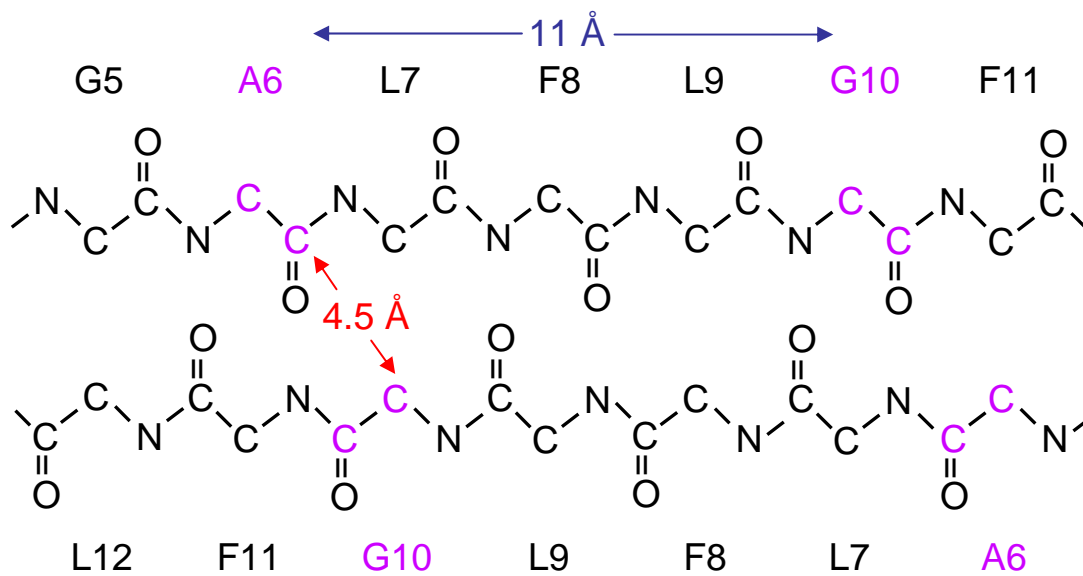
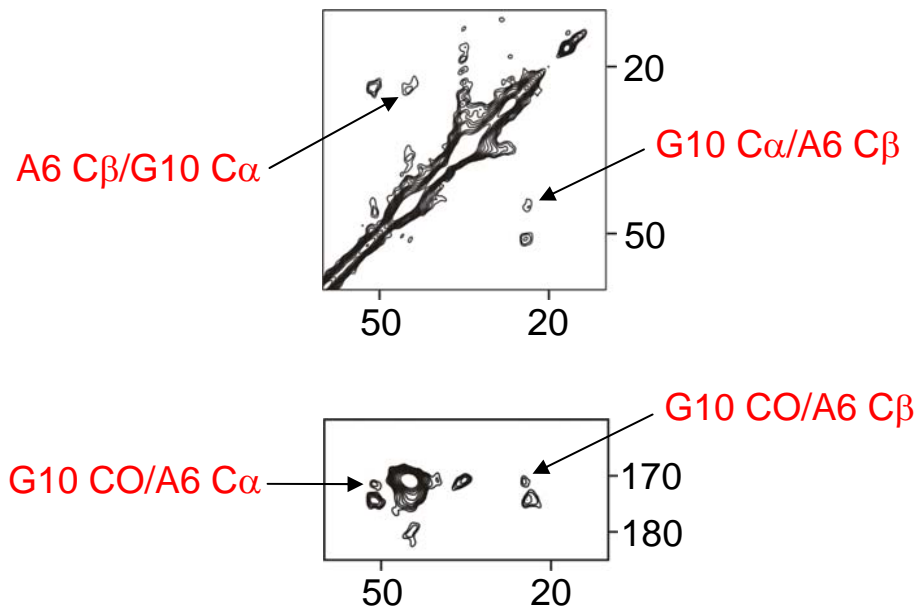
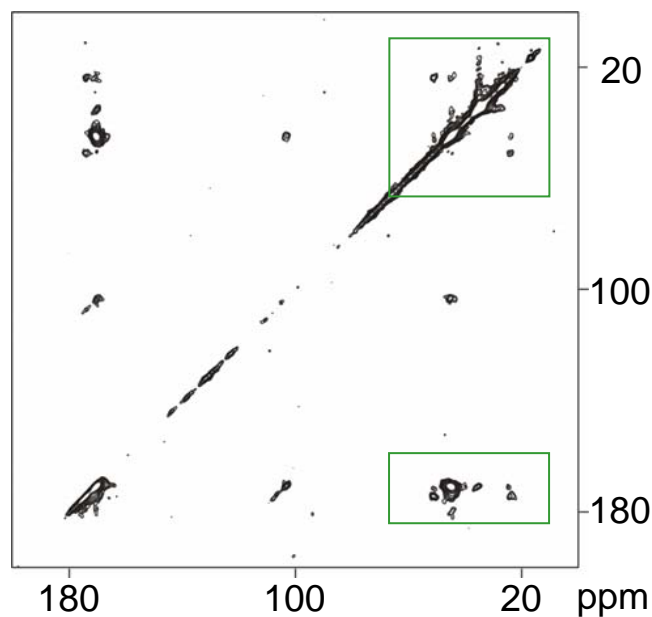
A V G I G A L F L G F L G A A G ... A<sub>21</sub>



# HIV FP with scatter U-<sup>13</sup>C,<sup>15</sup>N labeling at Ala-6 and Gly-10

AVGIGALFLFLGFLGAAG

1 s mixing time probes <sup>13</sup>C-<sup>13</sup>C distances to 5–6 Å



Antiparallel arrangement