

Figure S1: The full ^{13}C - ^{13}C RFDR spectrum of redox-labeled GB1 corresponding to the left side of Figure 6 in the main text.. The spectrum was acquired with 12.4 ms RFDR mixing and 18 kHz MAS.

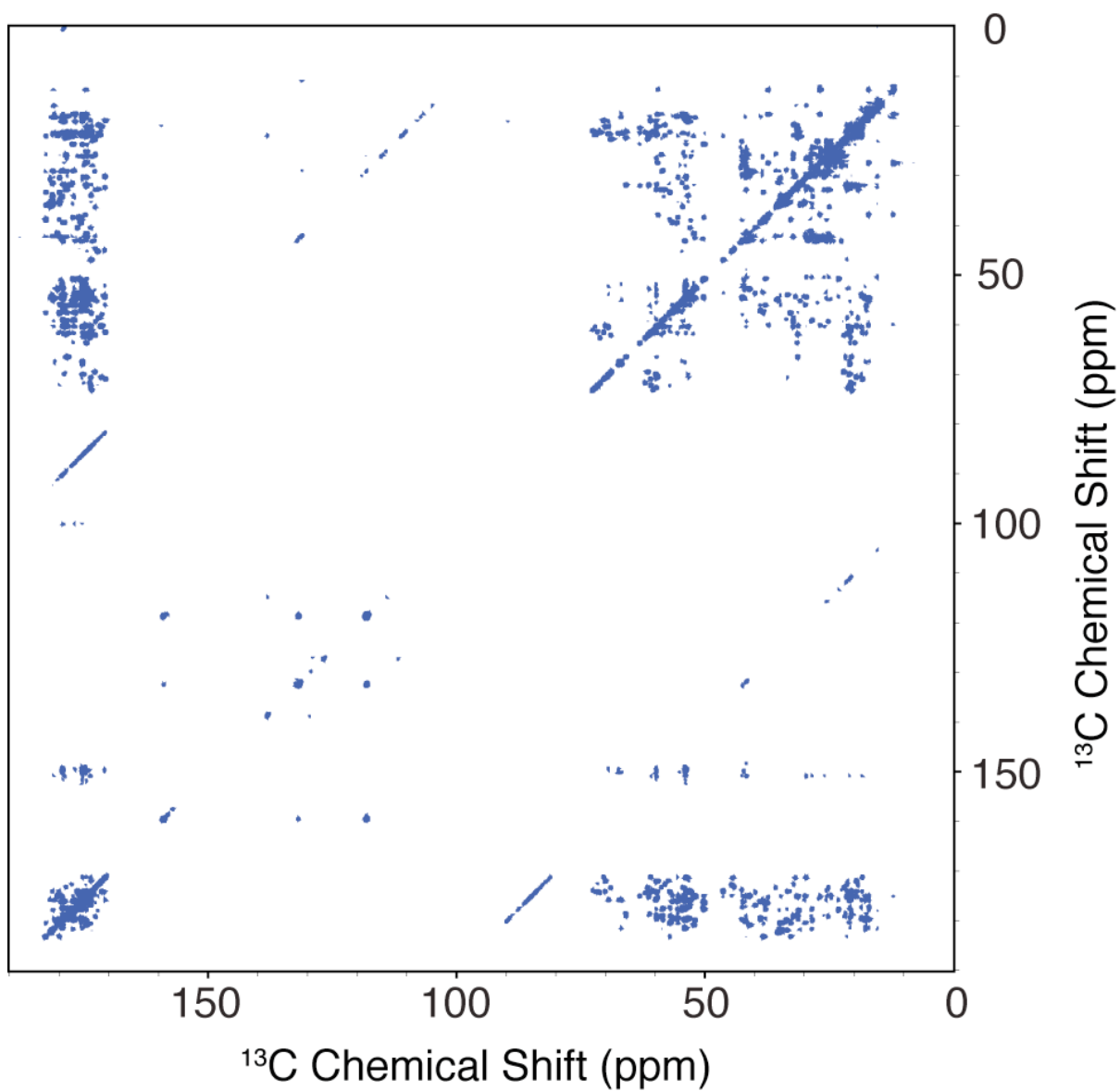


Figure S2: The full ^{13}C - ^{13}C RFDR spectrum of uniformly labeled GB1 corresponding to the right side of Figure 6 in the main text. The spectrum was acquired with 12.4 ms RFDR mixing and 18 kHz MAS.

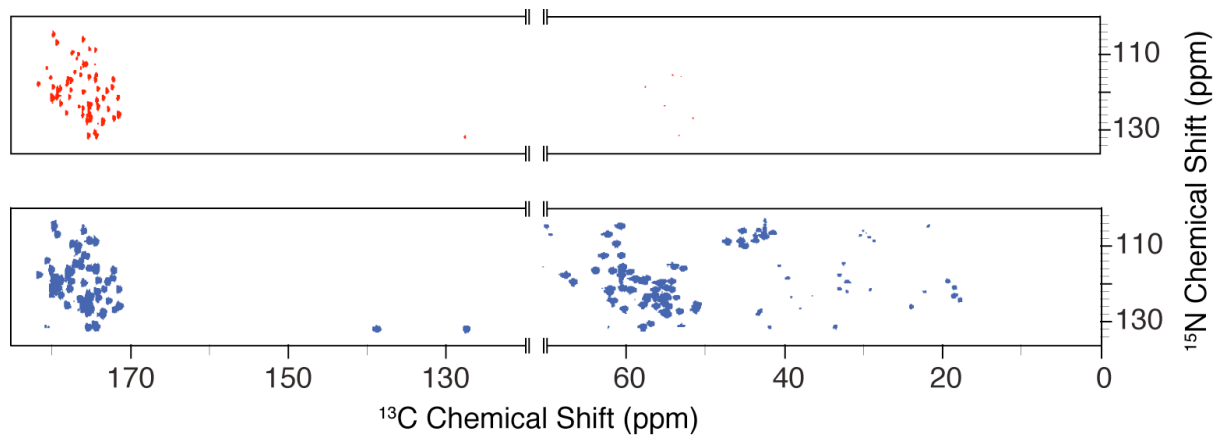


Figure S3: The full ^{15}N - ^{13}C TEDOR spectra corresponding to Figure 5 in the main text: uniformly labeled GB1 (bottom) and redox labeled GB1 (top).