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| **CORE 1** |  |  |  |  | **CORE 2** |  |  |  |
| **Depth**  | **13C** | ** 15N**  |  **C/N** |  | **Depth**  | **13C** | ** 15N** |  **C/N** |
| 0.2 | 27.4 | 6.4 | 6.4 |  | 0.05 | -18.6 | 3.3 | 37.6 |
| 0.4 | -26.9 | 5.9 | 6.5 |  | 0.2 | -15.0 | 5.0 | 3.5 |
| 0.6 | -25.9 | 5.5 | 4.1 |  | 0.4 | -15.9 | 2.5 | 11.3 |
| 0.8 | -27.1 | 4.0 | 3.4 |  | 0.6 | -20.3 | 8.1 | 5.8 |
| 1.2 | -26.9 | 4.9 | 3.0 |  | 0.8 | -22.0 | 6.6 | 6.3 |
| 1.4 | -26.6 | 4.5 | 2.9 |  | 1.0 | -21.6 | 7.4 | 4.9 |
| 1.6 | -27.1 | 4.7 | 2.7 |  | 1.4 | -24.2 | 5.3 | 4.7 |
| 1.8 | -26.7 | 4.5 | 2.4 |  | 1.6 | -23.7 | 4.5 | 4.7 |
| 2.0 | -26.9 | 4.1 | 2.6 |  | 1.8 | -25.6 | 4.9 | 3.8 |
| 2.2 | -26.5 | 4.0 | 2.6 |  | 2.0 | -26.1 | 5.2 | 4.5 |
| 2.4 | -26.4 | 4.1 | 2.2 |  | 2.2 | -26.8 | 4.6 | 3.1 |
| 2.6 | -26.6 | 3.8 | 2.5 |  | 2.4 | -25.9 | 3.9 | 1.4 |
| 2.8 | -26.3 | 3.9 | 2.7 |  | 2.6 | -25.4 | 6.4 | 1.2 |
| 3.0 | -26.6 | 3.8 | 2.6 |  | 2.8 | -26.8 | 4.0 | 1.2 |
| 3.2 | -26.8 | 3.5 | 2.8 |  | 3.0 | -27.4 | 5.8 | 1.6 |
| 3.4 | -27.0 | 3.4 | 2.5 |  | 3.2 | -26.9 | 4.0 | 1.8 |
| 3.6 | -27.1 | 3.3 | 2.1 |  | 3.4 | -24.7 | 4.6 | 1.6 |
| 3.8 | -26.8 | 3.4 | 3.3 |  | 3.6 | -24.8 | 4.5 | 1.3 |
| 4.0 | -27.5 | 3.0 | 3.3 |  | 3.8 | -25.5 | 5.5 | 1.4 |
| 4.2 | -27.1 | 3.7 | 5.1 |  | 4.0 | -26.8 | 4.6 | 1.2 |
| 4.4 | -26.8 | 3.4 | 2.9 |  | 4.2 | -27.3 | 5.6 | 1.5 |
| 4.6 | -26.6 | 3.4 | 3.7 |  | 4.4 | -26.9 | 5.4 | 1.8 |
| 4.8 | -26.7 | 3.7 | 3.8 |  | 4.6 | -27.6 | 5.3 | 2.0 |
| 5.0 | -27.0 | 3.3 | 3.8 |  | 4.8 | -26.9 | 5.2 | 1.4 |
| 5.2 | -27.4 | 3.1 | 3.1 |  | 5.0 | -25.6 | 6.5 | 1.9 |
| 5.4 | -26.9 | 2.7 | 4.0 |  | 5.2 | -26.0 | 4.8 | 1.6 |
| 5.6 | -27.1 | 3.2 | 2.9 |  | 5.4 | -26.9 | 4.2 | 1.1 |
| 5.8 | -27.5 | 2.6 | 3.7 |  | 5.6 | -25.9 | 4.8 | 1.4 |
| 6.0 | -27.3 | 2.8 | 3.8 |  | 5.8 | -27.4 | 4.8 | 1.5 |
| 6.1 | -27.6 | 2.6 | 3.5 |  | 6.0 | -26.1 | 5.6 | 1.4 |
| 6.2 | -27.6 | 2.4 | 3.7 |  | 6.2 | -25.3 | 4.6 | 1.1 |
| 6.4 | -28.0 | 2.0 | 4.3 |  | 6.4 | -24.8 | 4.7 | 1.1 |
| 6.6 | -29.4 | 2.6 | 2.5 |  | 6.6 | -25.6 | 3.5 | 0.7 |
| 6.8 | -30.1 | 1.3 | 10.0 |  | 6.8 | -26.3 | 4.1 | 1.0 |
| 7.0 | -28.9 | 2.4 | 6.9 |  | 7.0 | -24.67 | 7.2 | 1.4 |
| 7.2 | -24.5 | 2.8 | 7.5 |  | 7.2 | -24.5 | 2.8 |  7.5 |
| 7.4 | -23.0 | 2.9 | 7.5 |  | 7.4 | -23.0 | 2.9 |  7.5 |
| 7.6 | -22.9 | 2.9 | 6.7 |  | 7.6 | -22.9 | 2.9 |  6.7 |
| 7.8 | -24.4 | 2.6 | 4.9 |  | 7.8 | -24.4 | 2.6 |  4.9 |
| 8.0 | -25.4 | 2.6 | 4.1 |  | 8.0 | -25.4 | 2.6 |  4.1 |
|  |  |  |  |  | 8.2 | -26.72 | 3.4 | 0.7 |
|  |  |  |  |  | 8.4 | -26.6 | 3.2 | 0.7 |
|  |  |  |  |  | 8.6 | -27.0 | 3.3 | 0.8 |

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| **CORE 3** |  |  |  |  | **CORE 4** |  |  |  |
| **Depth**  | **13C** | ** 15N** | **C/N** |  | **Depth**  | **13C** | ** 15N** | **C/N** |
| 0.05 | -15.4 | 6.2 | 12.1 |  | 0.05 | -15.6 | 4.8 | 8.4 |
| 0.2 | -14.9 | 9.2 | 12.2 |  | 0.2 | -13.1 | 5.2 | 7.8 |
| 0.4 | -16.7 | 9.1 | 9.5 |  | 0.4 | -12.7 | 6.0 | 9.2 |
| 0.6 | -14.6 | 6.1 | 7.3 |  | 0.6 | -19.6 | 7.9 | 9.2 |
| 0.8 | -14.7 | 5.1 | 7.9 |  | 0.8 | -23.5 | 5.4 | 4.4 |
| 1.0 | -17.7 | 6.3 | 11.5 |  | 1.0 | -23.0 | 6.0 | 4.3 |
| 1.2 | -16.9 | 4.3 | 5.7 |  | 1.2 | -25.1 | 4.1 | 2.2 |
| 1.4 | -20.9 | 4.6 | 4.0 |  | 1.4 | -24.6 | 4.7 | 2.3 |
| 1.6 | -21.7 | 5.2 | 4.7 |  | 1.6 | -24.6 | 5.4 | 4.4 |
| 1.8 | -22.2 | 3.8 | 1.8 |  | 1.8 | -25.2 | 5.2 | 2.5 |
| 2.0 | -25.8 | 4.9 | 1.9 |  | 2.0 | -24.6 | 6.0 | 2.2 |
| 2.2 | -23.6 | 2.9 | 1.3 |  | 2.2 | -24.9 | 4.6 | 2.5 |
| 2.4 | -25.9 | 3.9 | 1.3 |  | 2.4 | -24.9 | 3.5 | 2.1 |
| 2.6 | -25.1 | 3.7 | 1.40 |  | 2.6 | -24.2 | 3.1 | 2.5 |
| 2.8 | -25.4 | 3.4 | 1.2 |  | 2.8 | -25.0 | 4.0 | 2.2 |
| 3.0 | -26.1 | 5.0 | 3.3 |  | 3.0 | -24.5 | 6.1 | 2.0 |
| 3.2 | -25.5 | 3.4 | 1.8 |  | 3.2 | -24.2 | 3.7 | 2.7 |
| 3.4 | -27.7 | 3.2 | 0.9 |  | 3.4 | -24.5 | 3.1 | 2.0 |
| 3.6 | -27.0 | 2.0 | 1.0 |  | 3.6 | -24.6 | 3.8 | 2.4 |
| 3.8 | -27.3 | 2.8 | 2.0 |  | 3.8 | -24.2 | 3.8 | 1.9 |
| 4.0 | -27.9 | 3.3 | 5.5 |  | 4.0 | -25.4 | 4.5 | 2.8 |
| 4.2 | -27.9 | 2.4 | 3.9 |  | 4.4 | -24.5 | 2.1 | 1.5 |
| 4.4 | -28.2 | 2.6 | 3.9 |  | 4.6 | -24.8 | 2.9 | 1.9 |
| 4.6 | -28.3 | 2.5 | 3.2 |  | 4.8 | -26.6 | 4.1 | 1.2 |
| 4.8 | -27.8 | 2.9 | 3.3 |  | 5.0 | -25.0 | 7.0 | 2.2 |
| 5.0 | -28.1 | 3.3 | 7.7 |  | 5.2 | -24.6 | 3.5 | 2.5 |
| 5.2 | -27.3 | 2.6 | 8.2 |  | 5.4 | -24.4 | 4.6 | 2.5 |
| 5.4 | -20.6 | 2.6 | 10.4 |  | 5.6 | -24.5 | 1.6 | 1.4 |
| 5.6 | -20.2 | 3.2 | 16.7 |  | 5.8 | -27.1 | 3.4 | 0.6 |
| 5.8 | -20.3 | 2.2 | 12.8 |  | 6.0 | -25.7 | 3.8 | 0.7 |
| 6.0 | -22.4 | 3.5 | 13.9 |  | 6.2 | -26.4 | 2.4 | 0.6 |
| 6.2 | -20.4 | 2.5 | 11.6 |  | 6.4 | -27.7 | 4.8 | 0.8 |
| 6.4 | -20.2 | 2.4 | 11.1 |  | 6.6 | -28.5 | 2.8 | 0.9 |
| 6.6 | -20.7 | 3.9 | 15.3 |  | 6.8 | -28.4 | 3.8 | 0.7 |
| 6.8 | -21.2 | 3.0 | 13.0 |  | 7.0 | -24.6 | 6.4 | 2.3 |
| 7.0 | -27.4 | 3.3 | 8.1 |  | 7.2 | -29.1 | 2.9 | 0.7 |
| 7.2 | -20.7 | 1.8 | 9.8 |  | 7.4 | -28.0 | 4.8 | 0.8 |
| 7.4 | -23.1 | 5.5 | 7.9 |  | 7.6 | -27.0 | 2.9 | 0.7 |
| 7.6 | -21.3 | 2.0 | 11.3 |  | 7.8 | -27.5 | 3.8 | 0.7 |
| 7.8 | -22.5 | 2.9 | 8.4 |  | 8.0 | -25.4 | 3.8 | 1.3 |
| 8.0 | -22.9 | 3.7 | 12.0 |  | 8.2 | -25.7 | 2.9 | 0.6 |
| 8.2 | -23.0 | 5.8 | 6.9 |  | 8.4 | -25.1 | 4.4 | 1.1 |
| 8.4 | -22.5 | 3.0 | 8.0 |  | 8.6 | -26.4 | 3.0 | 0.7 |
| 8.6 | -23.4 | 2.6 | 14.1 |  | 8.8 | -24.9 | 4.4 | 1.2 |
| 8.8 | -22.8 | 2.5 | 6.1 |  | 9.0 | -26.9 | 3.5 | 0.9 |
| 9.0 | -28.2 | 4.1 | 9.8 |  |  |  |  |  |
| 9.2 | -25.4 | 2.4 | 11.9 |  |  |  |  |  |
| 9.4 | -23.3 | 2.3 | 6.4 |  |  |  |  |  |
| 9.6 | -22.3 | 2.3 | 4.6 |  |  |  |  |  |
| 9.8 | -23.0 | 2.7 | 5.5 |  |  |  |  |  |
| 10.0 | -24.0 | 2.3 | 5.1 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |