

Supplementary Table 1

$^{13}\text{C}'(\text{i}-1)$ and $^{15}\text{N}(\text{i})$ chemical shifts for Xxx-Pro motifs in KKT4¹¹⁵⁻³⁴³

| Residue Pair | $^{13}\text{C}'(\text{i}-1)$ (ppm) | $^{15}\text{N}(\text{Pro}(\text{i}))$ (ppm) |
|---------------------|--|---|
| Q253-P254 | 174.0 | 137.1 |
| G273-P274 | 172.0 | 133.9 |
| Q276-P277 | 173.9 | 136.8 |
| L280-P281 | 175.1 | 135.7 |
| H282-P283 | 174.0 | 138.2 |
| A299-P300 | 175.3 | 135.8 |
| T320-P321 | 172.8 | 139.3 |
| R323-P324 | 173.9 | 136.8 |
| N329-P330 | - | 136.6 |
| T332-P333 | 172.8 | 139.0 |