|  |  |
| --- | --- |
| Tnnt2 gRNA | UUGCACCUACCUUCUGGAUGUACGUCAUAGUUCCCCUGAGAAAUCAGGGUUACUAUGAUAAGGGCUUUCUGCCUAAGGCAGACUGACCCGCGGCGUUGGGGAUCGCCUGUCGCCCGCUUUUGGCGGGCAUUCCCCAUCCUU |
| 8UZA gRNA | CACUGCAUUCUAGUUGUGGUUGUCAUAGUUCCCCUGAGAAAUCAGGGUUACUAUGAUAAGGGCUUUCUGCCUAAGGCAGACUGACCCGCGGCGUUGGGGAUCGCCUGUCGCCCGCUUUUGGCGGGCAUUCCCCAUCCUU |

**Supplementary File 2.** GuideRNA sequences used in *Geo*Cas9MST measurements. The39-nucleotide sequence of RNA used in MST and NMR studies of isolated *Geo*Rec is underlined.