

**Supplementary Fig. S2.** Sequences of ManDra-A and each repeat unit in the ManDra-A 5 repeat region. The upper sequence indicates ManDra-A, and the lower sequence indicates each repeat unit of ManDra-A 5 repeat. Units 1 and 2 contain partial ManDra-A sequences. Red characters indicate different bases compared to the ManDra-A reference sequence. Hyphens (-) indicate base deletions.



**Supplementary Fig. S2.** Continued.