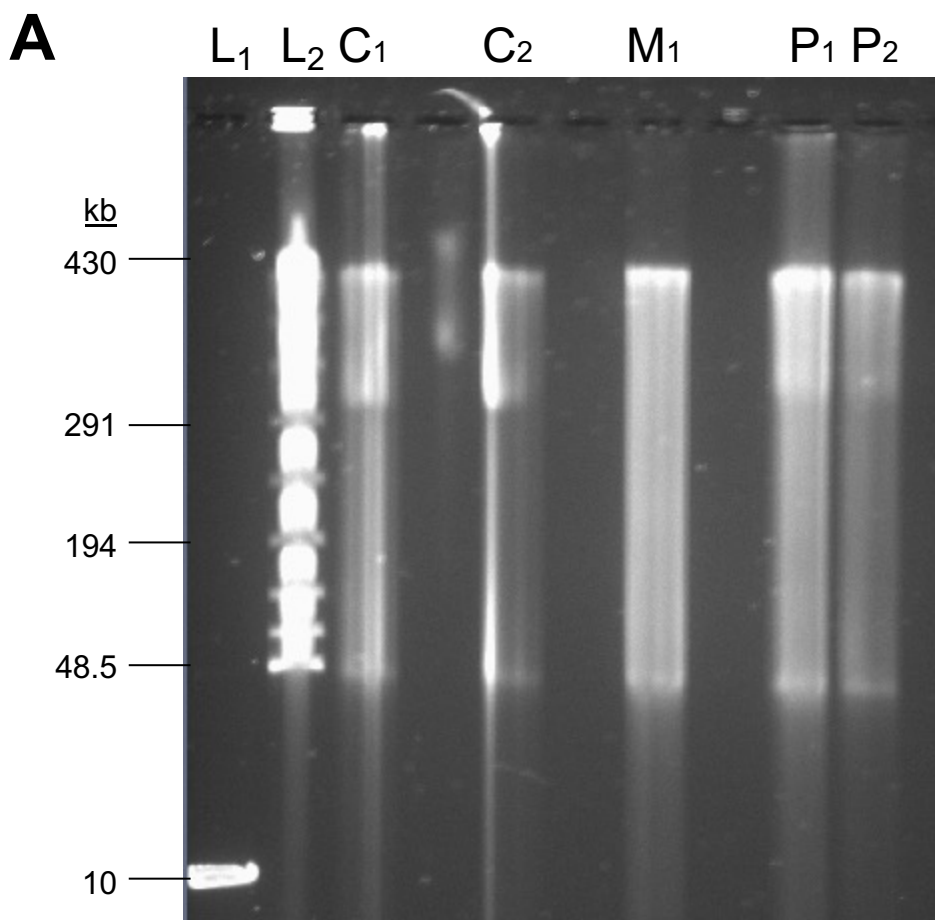




Legend

L₁ : Ladder 1 kb

L₂ : Ladder UHMW

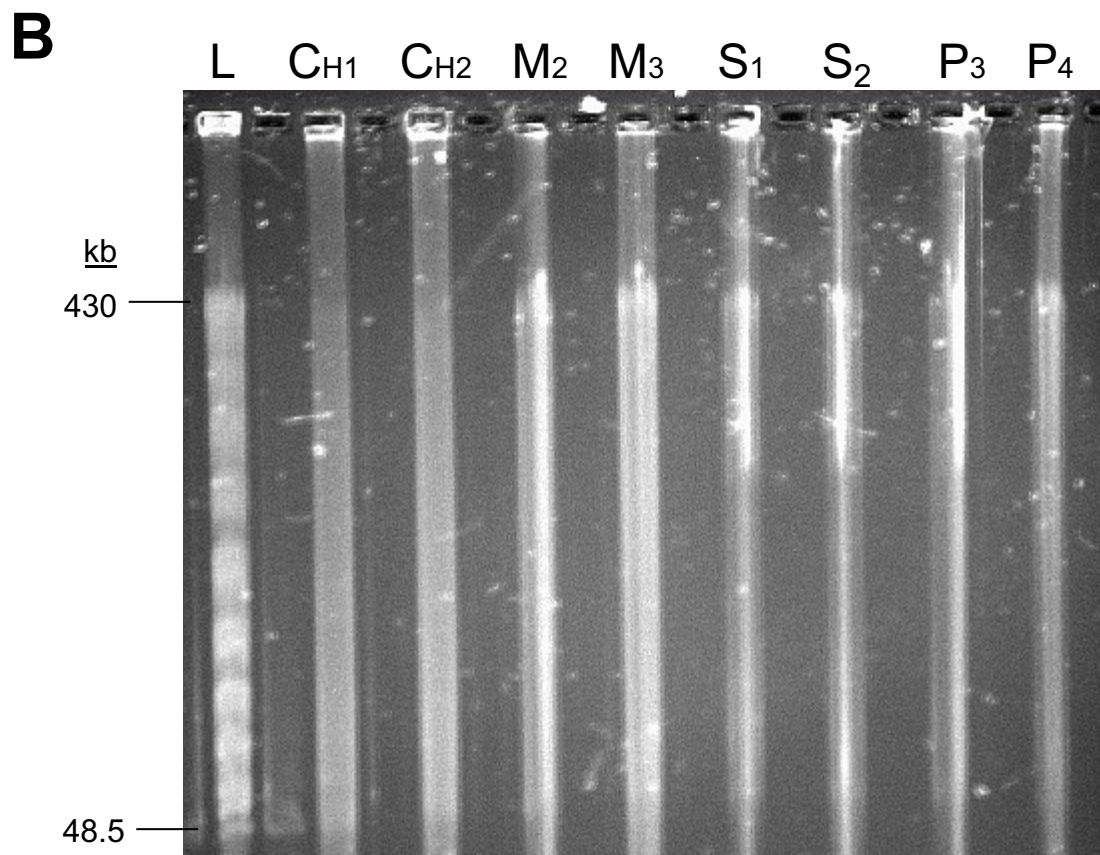
C₁ : Circulomics UHMW extract 1

C₂ : Circulomics UHMW extract 2

M₁ : Monarch 900 rpm

P₁ : Phenol + glass beads extract 1

P₂ : Phenol + glass beads extract 2



Legend

L : Ladder UHMW

C_{H1} : Circulomics HMW extract 1

C_{H2} : Circulomics HMW extract 2

M₂ : Monarch 900 rpm extract 1

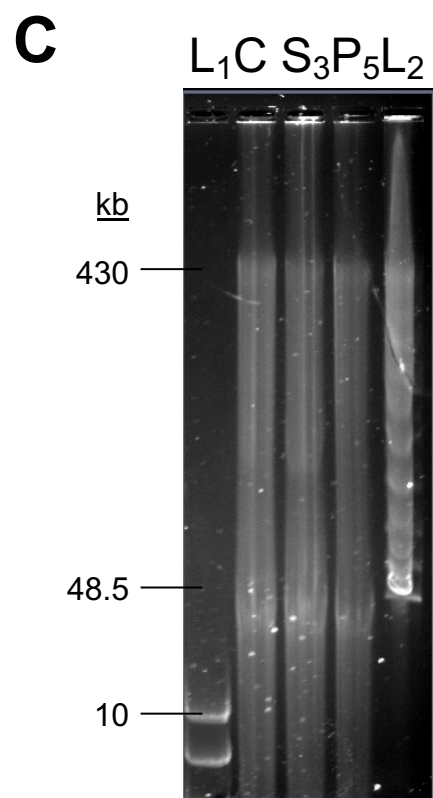
M₃ : Monarch 900 rpm extract 2

S₁ : SDS lysis + glass beads extract 1

S₂ : SDS lysis + glass beads extract 2

P₃ : Modified Phenol extract 3

P₄ : Modified Phenol extract 4



Legend

L₁ : Ladder 1 kb

L₂ : Ladder UHMW

C : CTAB lysis + glass beads extract

S₃ : SDS lysis + glass beads extract 3

P₅ : Phenol + glass beads extract 5

Figure S7. Pulsed-field gel electrophoresis of DNA extracted using different methods, showing their (U)HMW properties. Agarose gel was at 0.75% concentration and was run using Pippin Pulse at the pre-set protocol of “5-430 kb” for 16 hours.