

Description of Additional Supplementary Files

Supplementary Movie Legends

Supplementary Movie 1. The preparation process for the GP-BCAFs and DS-BCAFs.

Supplementary Movie 2. Video of the GP-BCAFs performing a drop weight test.

Supplementary Movie 3. Video showing wooden boards covered with a GP-BCAF fabric and wool fabric subjected to impact.

Supplementary Movie 4. Video of a 50g weight striking a petri dish covered with a GP-BCAF fabric.

Supplementary Movie 5. Video of a 50g weight striking a petri dish covered with a cotton fabric.

Supplementary Movie 6. Video of a 50g weight striking a petri dish covered with a wool fabric.