

Sliding Filament Th

The sliding filament theory explains r generate tension in the overall muscl

Step 1: A muscle contraction starts in Within the motor neuron are vesicles represent the acetylcholine orange □

Step 2: The impulse travels down the sarcoplasmic reticulum . Color the t-t only partially pictured, shade this stru

Step 3: Calcium binds to a structure c

Step 4: The change in shape allows i Color the cross bridges (f) purple.

Step 5: Energy from ATP is used to c then slides inward and shortens, or c

a

