Title: Striated Muscle Contraction **Organism:** Gallus gallus

Z Disk Z Disk M Disk **Other Structural Regulatory Proteins** ACTN4 MYOM1 ACTN2 ACTN3 DES VIM **Myosin Binding Myosin Heavy Chain** LOC770789 DMD MYBPC1 MYH6 TMOD1 MYBPC2 МҮНЗ NEB MYBPC3 MYH8 **TCAP** A Model of Triggering of Striated Muscle Contraction by Ca++ **Troponin-T Troponin-I** TNNT2 TNNI1 TNNT1 TNNI2 TNNT3 TNNI3 Tropomyosin **Troponin-C** TPM1 TPM2 TNNC1 TPM3 TNNC2 Myosin Head TPM4 Myosin Binding Site -(Covered) **Myosin Light Chain** MYL1 MYL2 Actin Actin MYL3 MYL4 ACTA1 MYL9 ACTA2 ACTC1 CJMB04 1h1