## Top 30 Up-regulated Pathways GO:MF - structural constituent of muscle GO:CC - contractile muscle fiber · GO:CC - myofibril · GO:CC - supramolecular polymer GO:CC - supramolecular fiber GO:CC - sarcomere · GO:CC - supramolecular complex REAC – Striated Muscle Contraction GO:MF – cytoskeletal protein binding WP - Striated muscle contraction pathway -GO:MF - actin binding -GO:BP - muscle contraction GO:BP - muscle structure development GO:CC - cytosol GO:CC - cytoplasm GO:CC – actin cytoskeleton GO:BP – muscle system process REAC - Muscle contraction GO:BP – muscle organ development GO:CC - A band GO:CC - myosin filament GO:CC - myosin II complex GO:MF - protein binding GO:CC - muscle myosin complex -GO:CC - cytoskeleton GO:BP - cytoskeleton organization GO:BP - actin filament-based process GO:BP – anatomical structure morphogenesis GO:MF - structural molecule activity -GO:BP – actomyosin structure organization 20 40 60 80 -log2(FDR)