

Supplementary Figures 1-5

Protein Phosphorylation Alterations in Myotonic Dystrophy Type 1: A Systematic Review

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Figure S1 – Status of total and phosphorylated kinase, phosphatase and phosphoprotein levels in DM1 in human skeletal muscle tissue biopsy. Values are represented as the number of times in which a protein presented increased, similar or decreased values in DM1 in comparison with the control levels reported in the articles. A) Total protein levels in human skeletal muscle tissue biopsy; B) Phosphorylated levels in human skeletal muscle tissue biopsy; nd- not defined

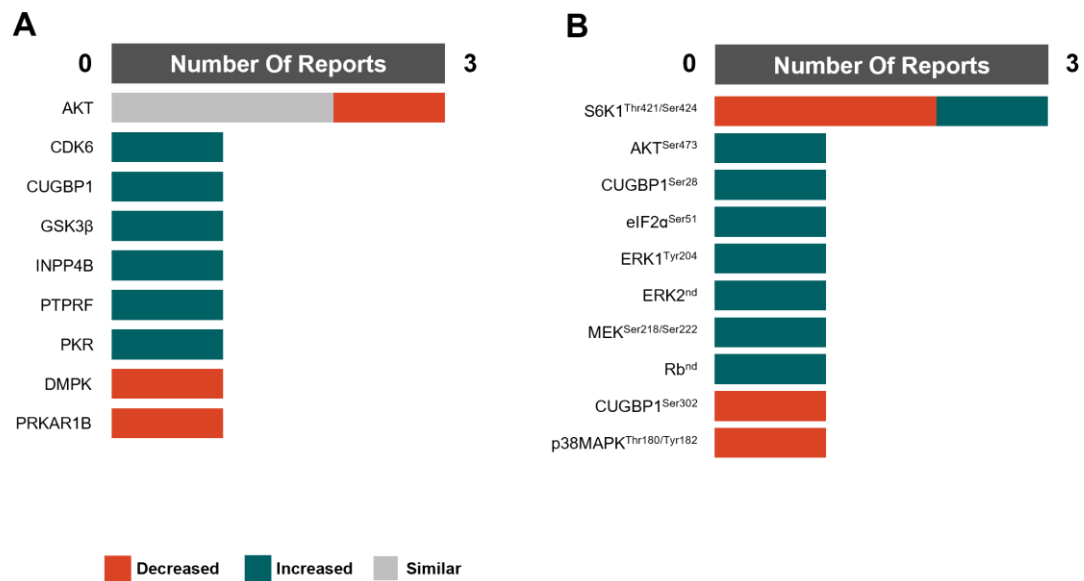


Figure S2 – Status of total and phosphorylated kinase, phosphatase and phosphoprotein levels in DM1 in human myoblasts. Values are represented as the number of times in which a protein presented increased, similar or decreased values in DM1 in comparison with the control levels reported in the articles. A) Total protein levels in human myoblasts; B) Phosphorylated levels in human myoblasts; nd- not defined

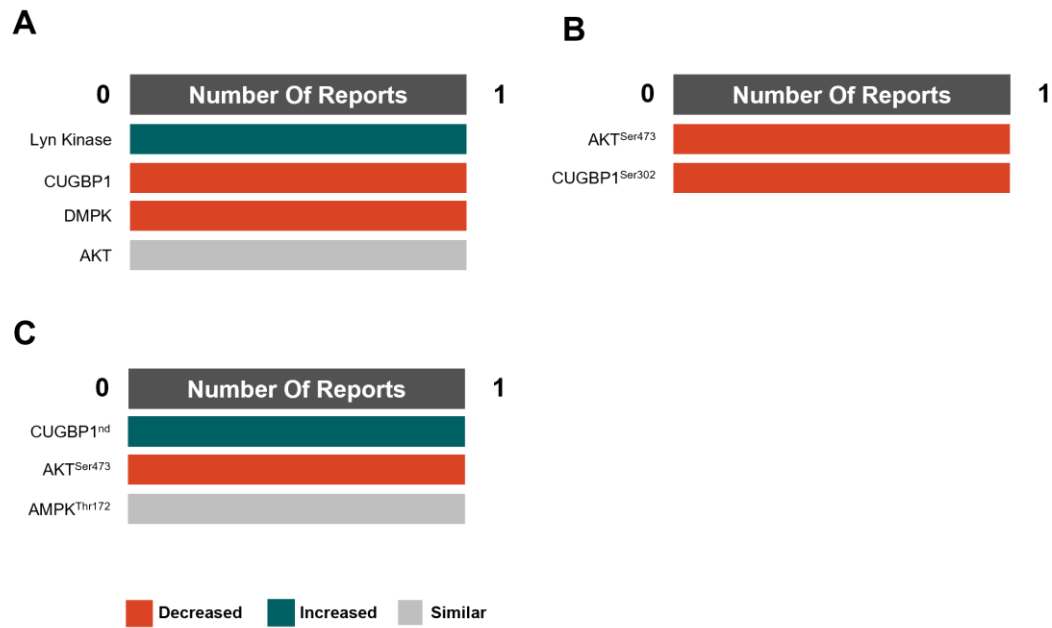


Figure S3 – Status of total and phosphorylated kinase, phosphatase and phosphoprotein levels in DM1 in human myotubes and human fibroblast-derived myotubes. Values are represented as the number of times in which a protein presented increased, similar or decreased values in DM1 in comparison with the control levels reported in the articles. A) Total protein levels in human myotubes; B) Phosphorylated levels in human myotubes; C) Phosphorylated levels in human Fibroblast-derived myotubes. nd- not defined



Figure S4 – Status of total and phosphorylated kinase, phosphatase and phosphoprotein levels in DM1 in mice skeletal muscle tissue biopsy. Values are represented as the number of times in which a protein presented increased, similar or decreased values in DM1 in comparison with the control levels reported in the articles. A) Total protein levels in mice skeletal muscle tissue biopsy; B) Phosphorylated levels in mice skeletal muscle tissue biopsy.

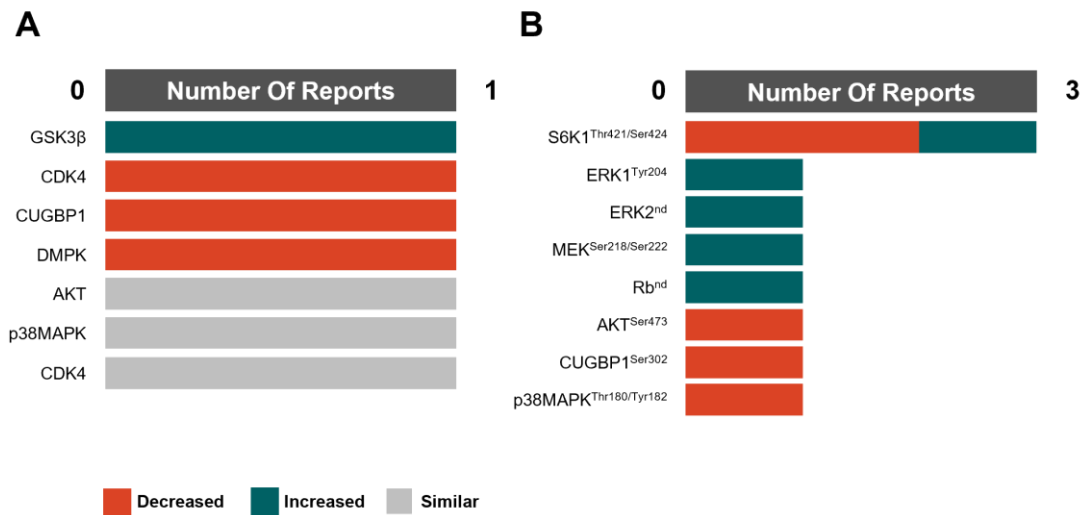


Figure S5 – Status of total and phosphorylated kinase, phosphatase and phosphoprotein levels in DM1 upon skeletal muscle differentiation. Values are represented as the number of times in which a protein presented increased, similar or decreased values in DM1 in comparison with the control levels reported in the articles. A) Total protein levels upon skeletal muscle differentiation; B) Phosphorylated levels upon skeletal muscle differentiation; nd- not defined