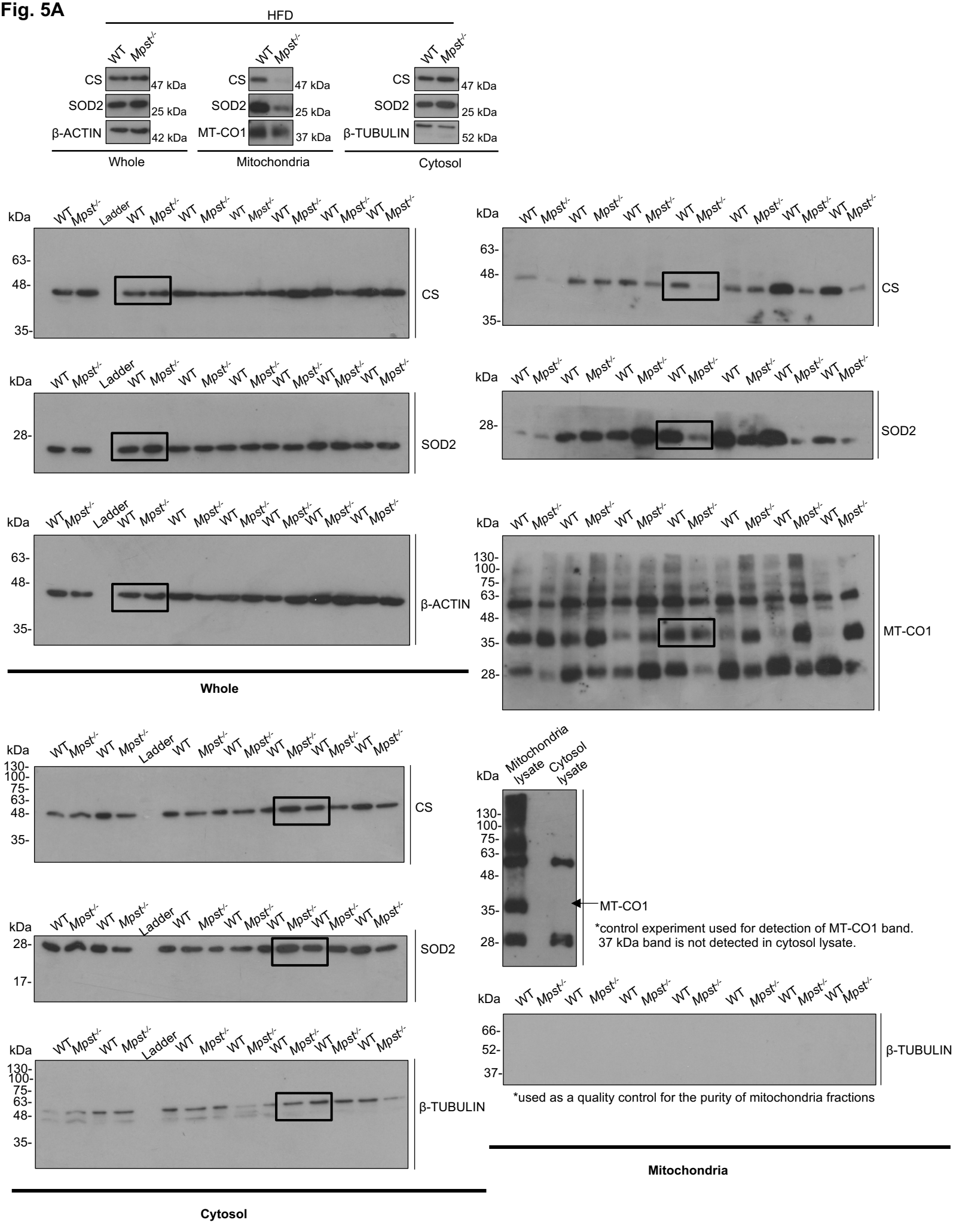
Fig. 5A


HFD
WT
Mpst-/-
CS
47 kDa
SOD2
25 kDa
β-ACTIN
42 kDa
MT-CO1
37 kDa
β-TUBULIN
52 kDa
Whole
Mitochondria
Cytosol
kDa
Ladder
63-
48-
35-
28-
130-
100-
75-
17-
66-
52-
37-
Mitochondria lysate
Cytosol lysate
MT-CO1
*control experiment used for detection of MT-CO1 band.
37 kDa band is not detected in cytosol lysate.
*used as a quality control for the purity of mitochondria fractions
Whole
Mitochondria
Cytosol