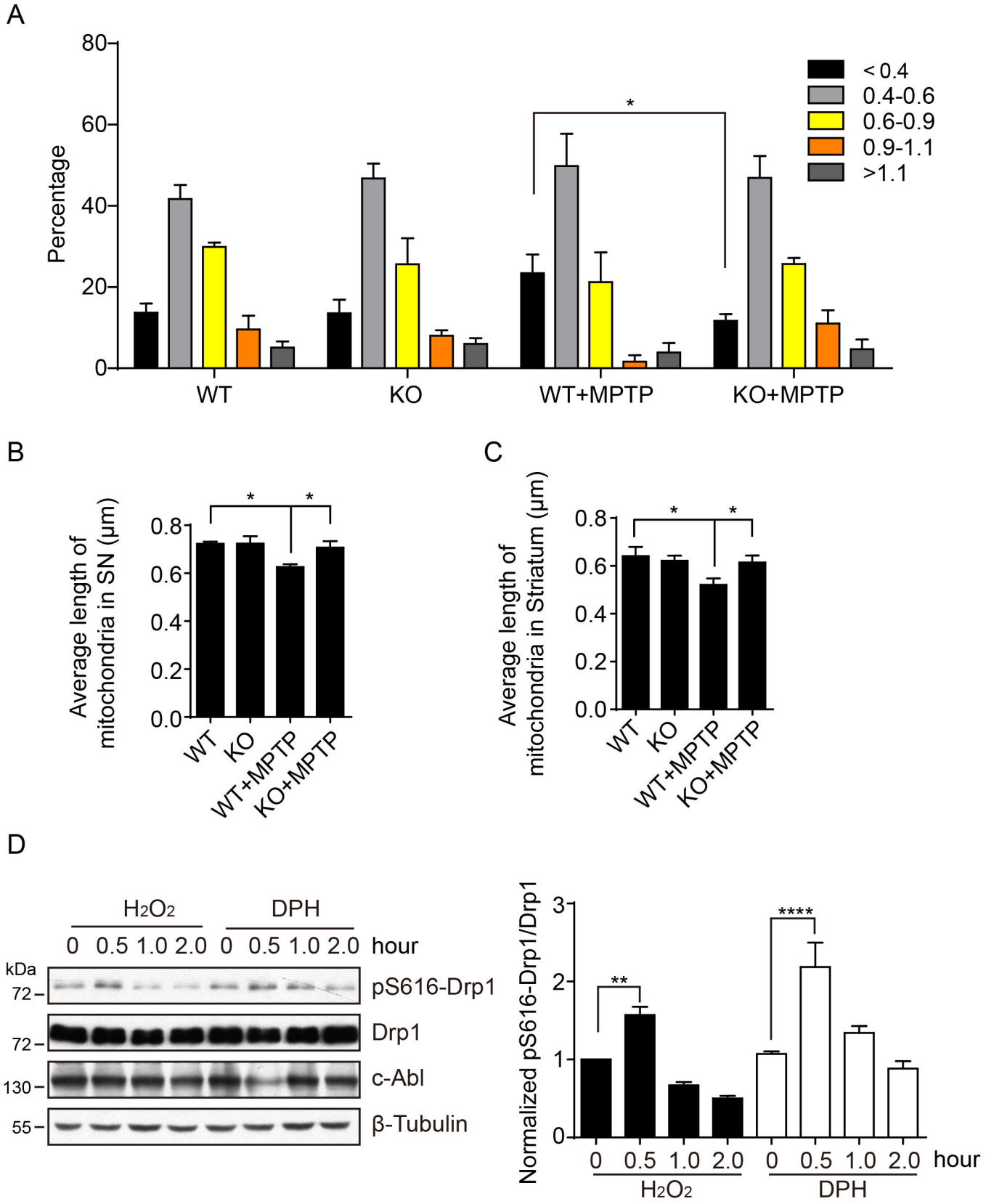
Figure S1


A
Percentage
80
60
40
20
0
< 0.4
0.4-0.6
0.6-0.9
0.9-1.1
>1.1
*
WT
KO
WT+MPTP
KO+MPTP
B
Average length of mitochondria in SN (μm)
0.8
0.6
0.4
0.2
0.0
*
*
WT
KO
WT+MPTP
KO+MPTP
C
Average length of mitochondria in Striatum (μm)
0.8
0.6
0.4
0.2
0.0
*
*
WT
KO
WT+MPTP
KO+MPTP
D
H2O2
DPH
0 0.5 1.0 2.0 0 0.5 1.0 2.0 hour
kDa
72
pS616-Drp1
72
Drp1
130
c-Abl
55
β-Tubulin
Normalized pS616-Drp1/Drp1
3
2
1
0
**
****
0 0.5 1.0 2.0 0 0.5 1.0 2.0 hour
H2O2
DPH