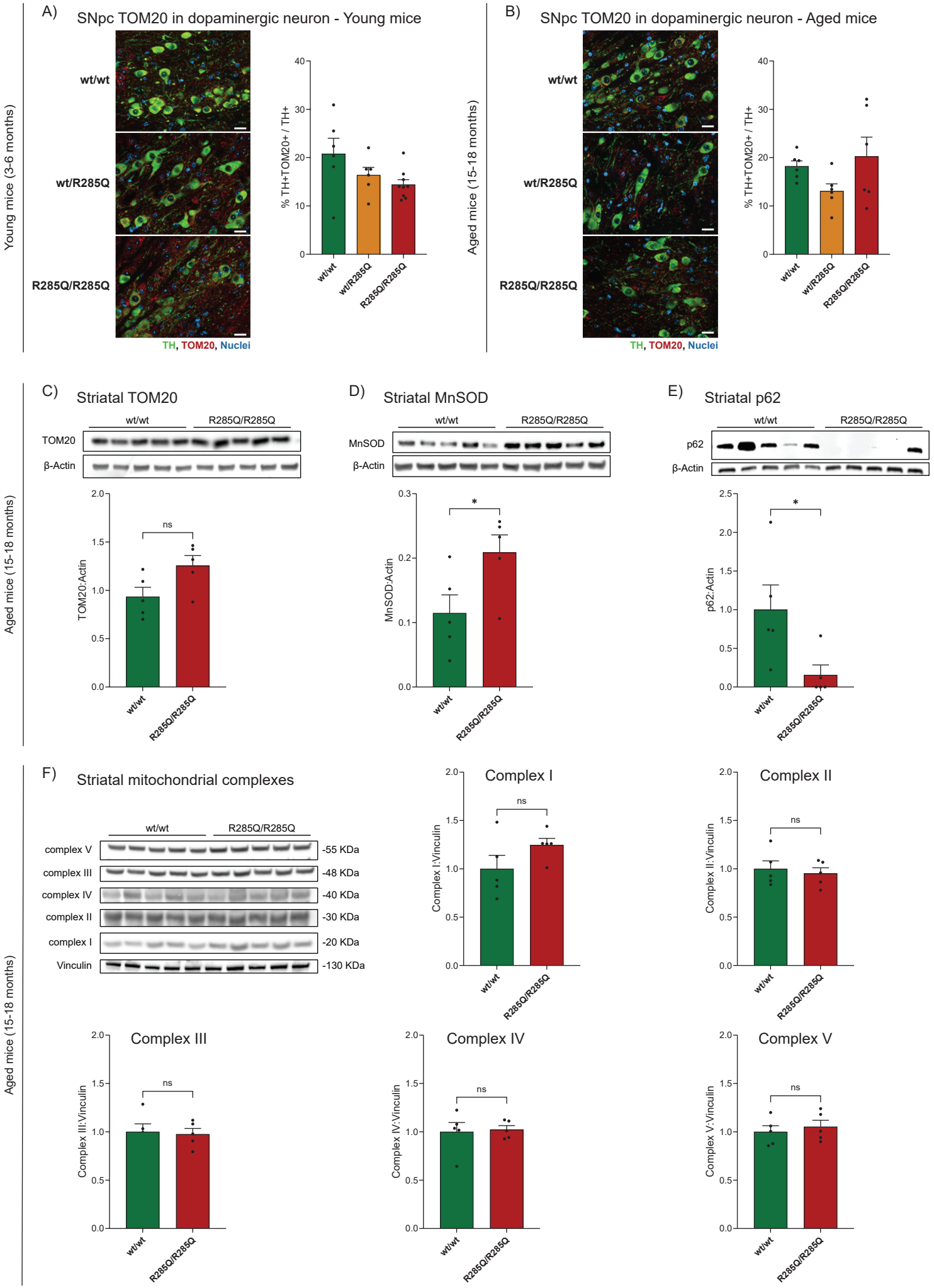
A)
SNpc TOM20 in dopaminergic neuron - Young mice
Young mice (3-6 months)
wt/wt
wt/R285Q
R285Q/R285Q
TH, TOM20, Nuclei
% TH+TOM20+ / TH+
B)
SNpc TOM20 in dopaminergic neuron - Aged mice
Aged mice (15-18 months)
C)
Striatal TOM20
TOM20
β-Actin
TOM20:Actin
ns
D)
Striatal MnSOD
MnSOD
MnSOD:Actin
*
E)
Striatal p62
p62
p62:Actin
F)
Striatal mitochondrial complexes
complex V
complex III
complex IV
complex II
complex I
Vinculin
-55 KDa
-48 KDa
-40 KDa
-30 KDa
-20 KDa
-130 KDa
Complex I
Complex II
Complex III
Complex IV
Complex V
Complex I:Vinculin
Complex II:Vinculin
Complex III:Vinculin
Complex IV:Vinculin
Complex V:Vinculin