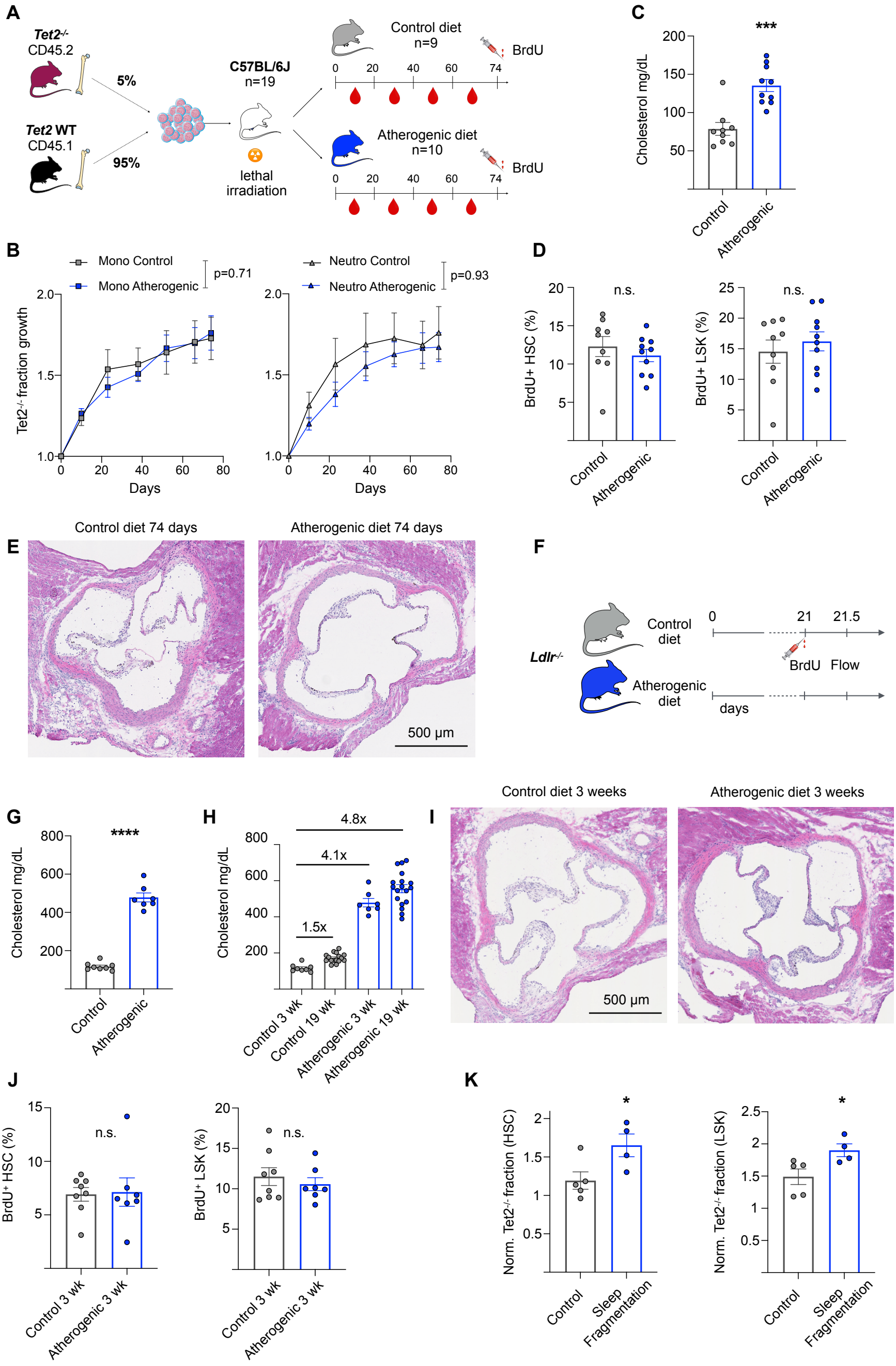
Figure S7


A
Tet2-/- CD45.2
5%
Tet2 WT CD45.1
95%
C57BL/6J n=19
lethal irradiation
Control diet n=9
BrdU
Atherogenic diet n=10
BrdU
0 20 40 60 74
B
Mono Control
Mono Atherogenic
p=0.71
Neutro Control
Neutro Atherogenic
p=0.93
Tet2-/- fraction growth
Days
C
Cholesterol mg/dL
***
Control
Atherogenic
D
BrdU+ HSC (%)
BrdU+ LSK (%)
n.s.
E
Control diet 74 days
Atherogenic diet 74 days
500 µm
F
Ldlr-/-
Control diet
Atherogenic diet
0 21 21.5
BrdU Flow
days
G
Cholesterol mg/dL
****
Control
Atherogenic
H
Cholesterol mg/dL
1.5x
4.1x
4.8x
Control 3 wk
Control 19 wk
Atherogenic 3 wk
Atherogenic 19 wk
I
Control diet 3 weeks
Atherogenic diet 3 weeks
500 µm
J
BrdU+ HSC (%)
BrdU+ LSK (%)
n.s.
Control 3 wk
Atherogenic 3 wk
K
Norm. Tet2-/- fraction (HSC)
Norm. Tet2-/- fraction (LSK)
*
Control
Sleep Fragmentation