FIGURES

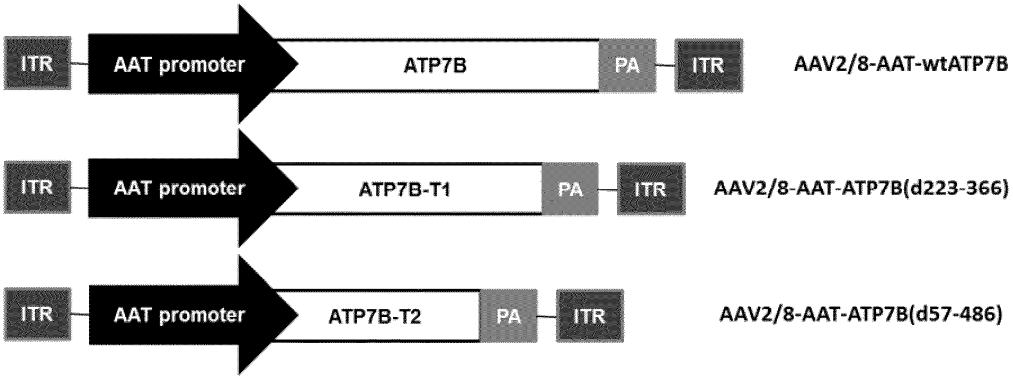


Figure 1

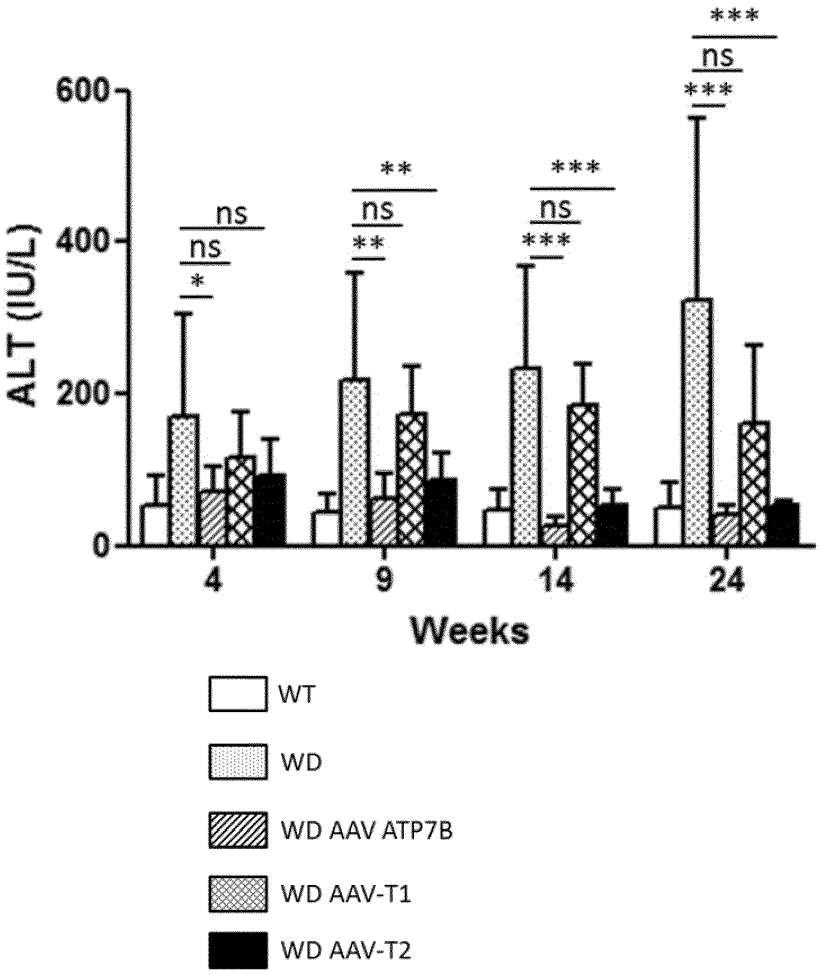

600
400
200
0
ALT (IU/L)
ns
ns
*
**
ns
**
***
ns
***
***
ns
***
4
9
14
24
Weeks
WT
WD
WD AAV ATP7B
WD AAV-T1
WD AAV-T2

Figure 2

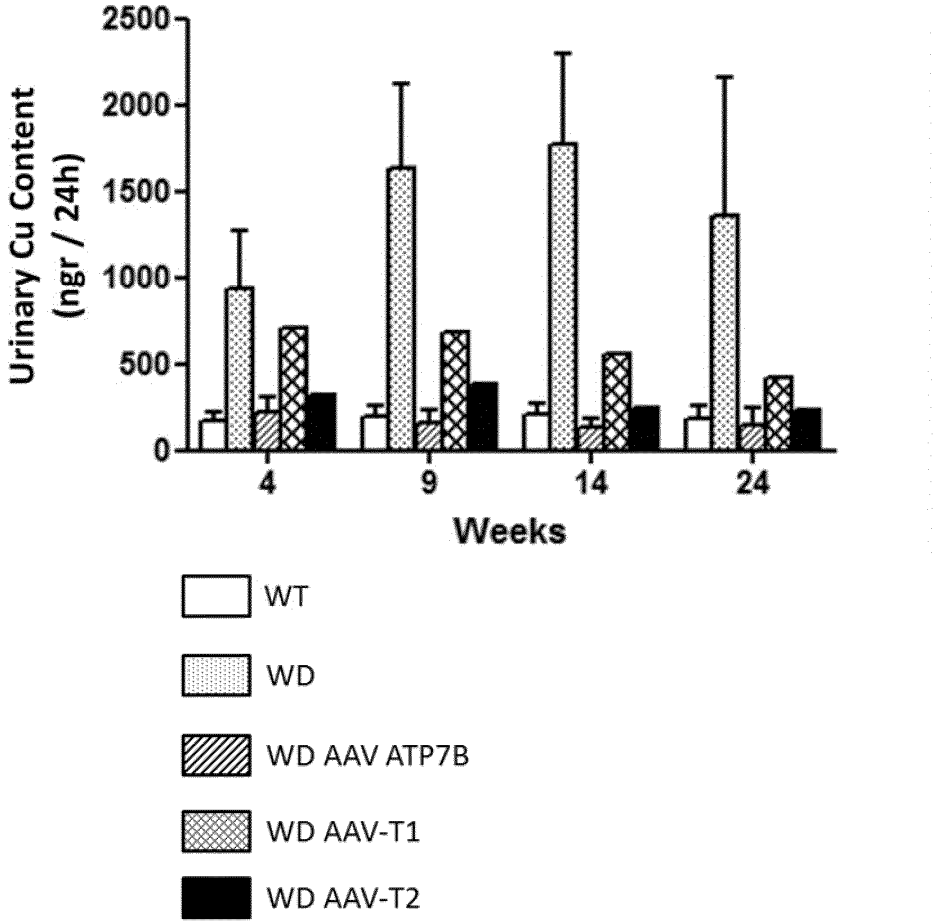

Urinary Cu Content
(ngr / 24h)
2500
2000
1500
1000
500
0
4
9
14
24
Weeks
WT
WD
WD AAV ATP7B
WD AAV-T1
WD AAV-T2

Figure 3

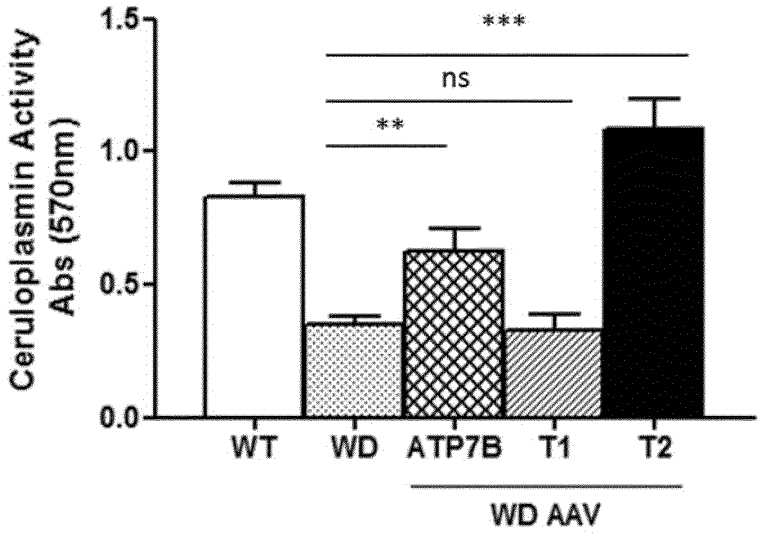

Ceruloplasmin Activity
Abs (570nm)
1.5
1.0
0.5
0.0
***
ns
**
WT
WD
ATP7B
T1
T2
WD AAV

Figure 4

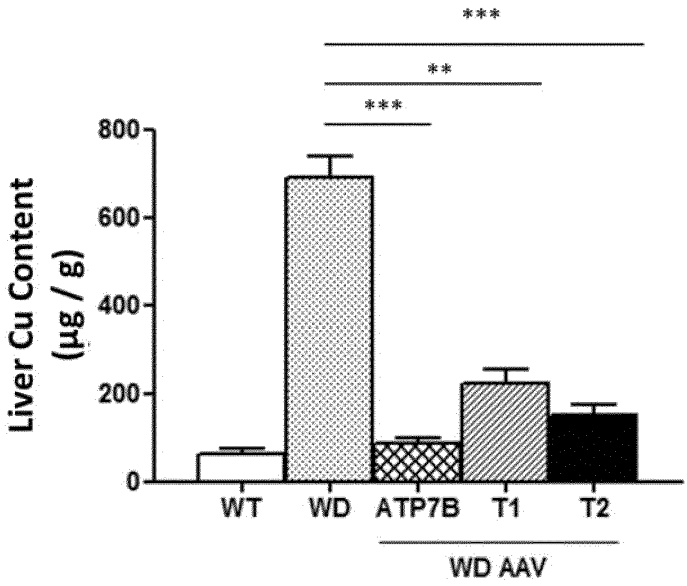


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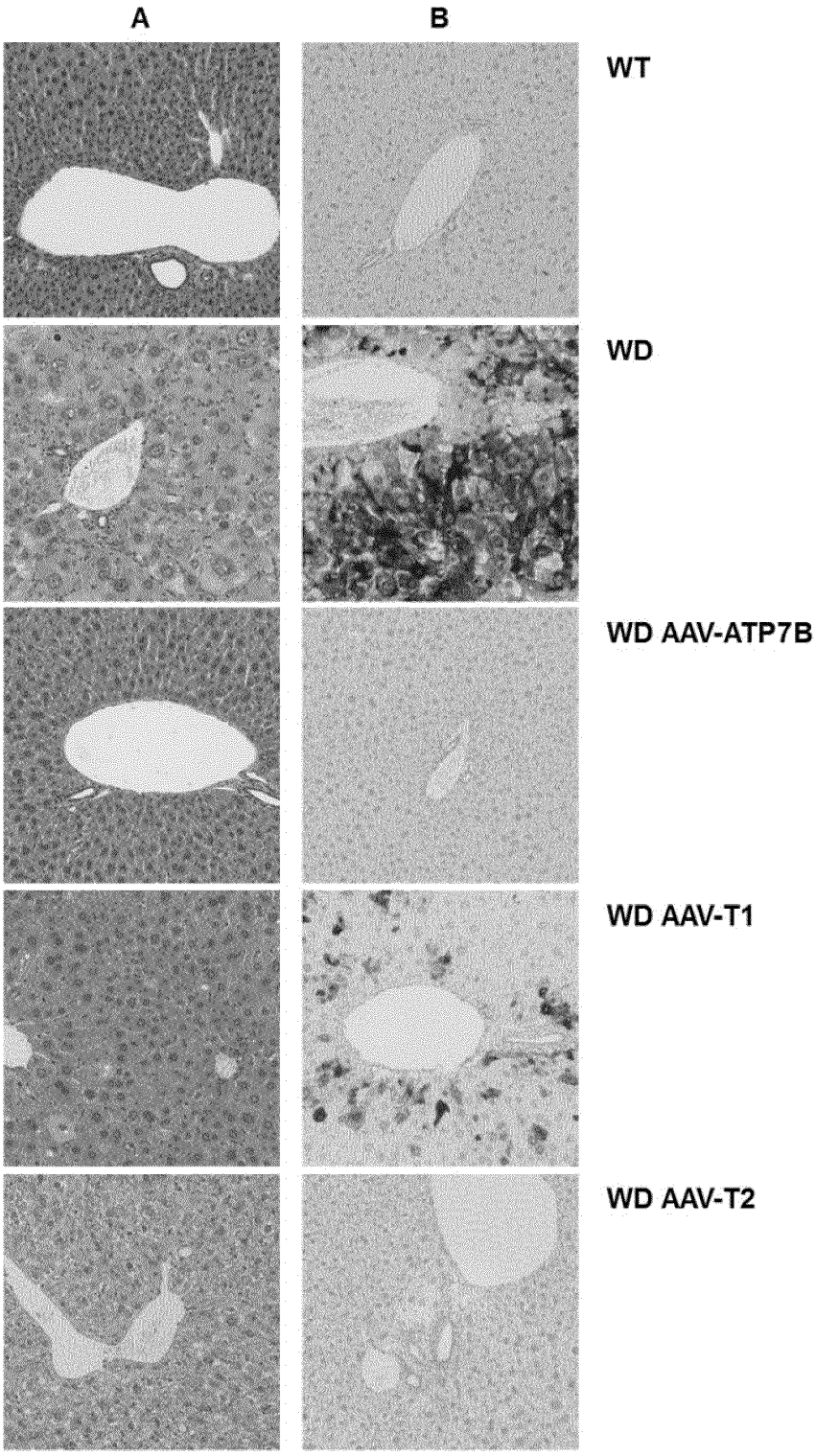


Figure 6

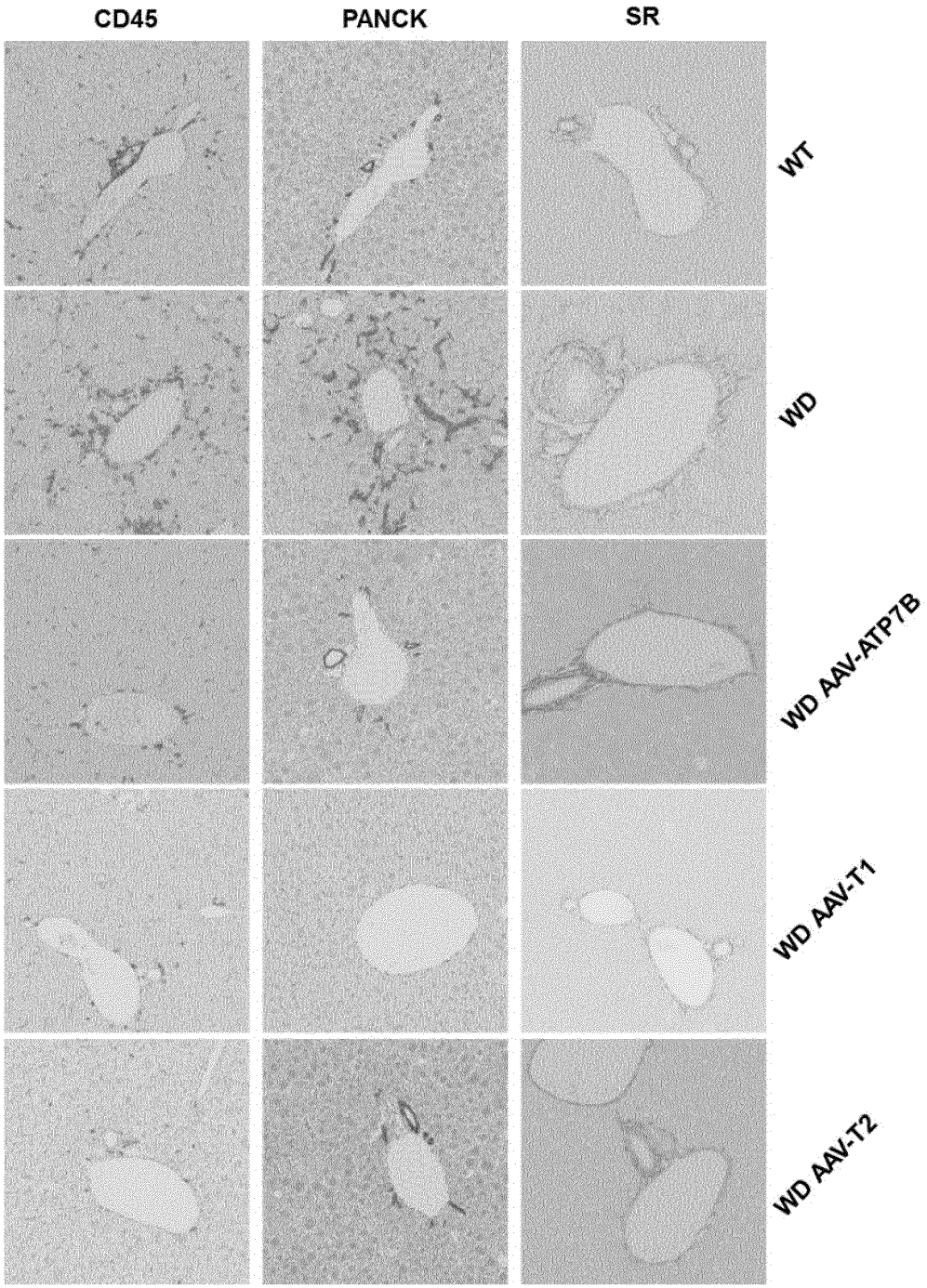


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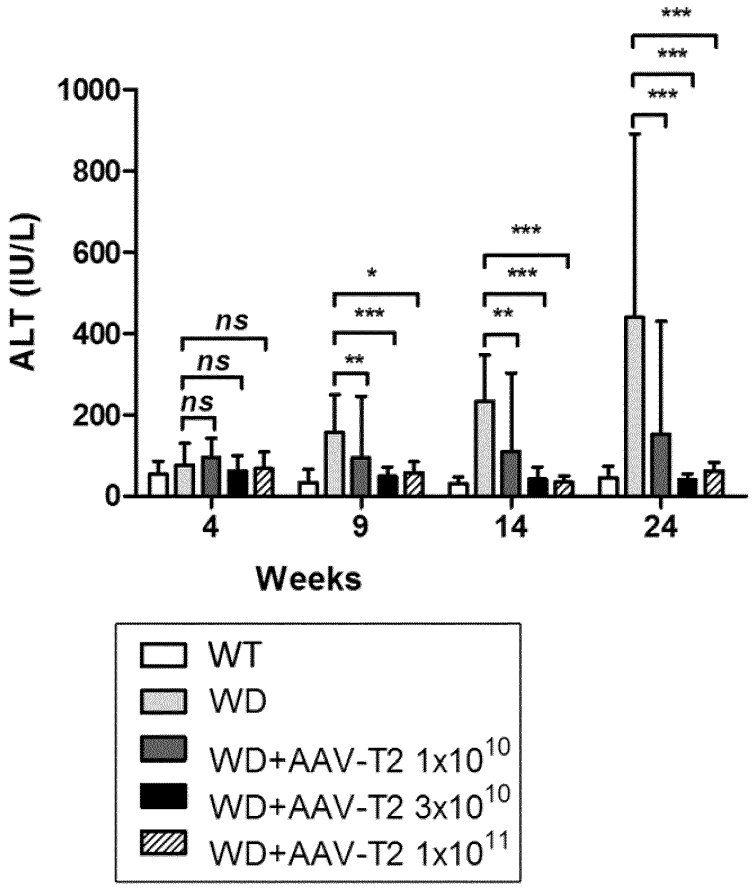

ALT (IU/L)
1000
800
600
400
200
0
4
9
14
24
Weeks
ns
ns
ns
*
**
***
***
**
***
***
***
WT
WD
WD+AAV-T2 1x10^10
WD+AAV-T2 3x10^10
WD+AAV-T2 1x10^11

Figure 8

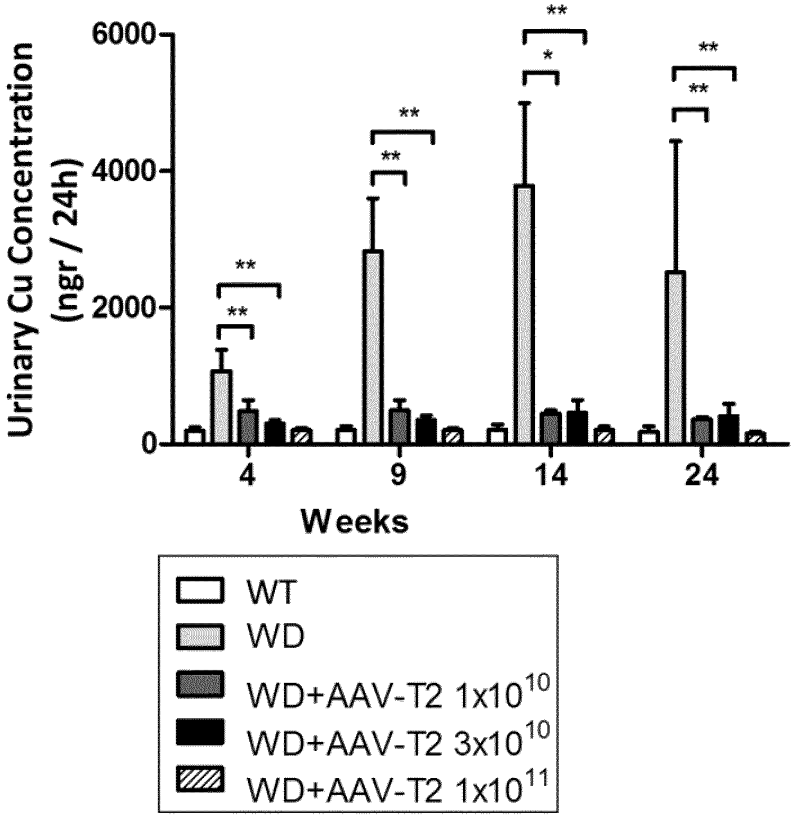
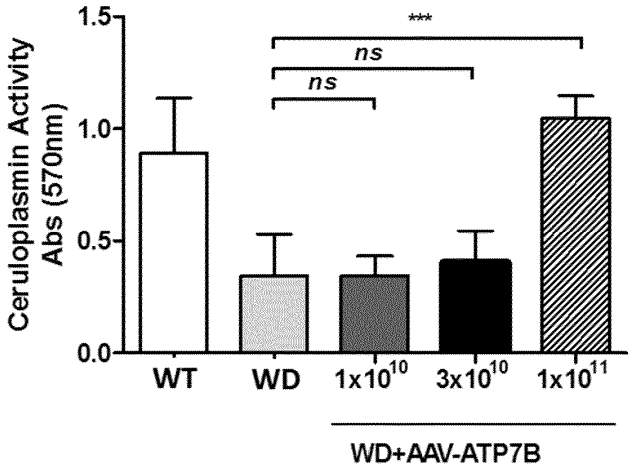

Urinary Cu Concentration (ngr / 24h)
6000
4000
2000
0
4
9
14
24
Weeks
**
**
**
**
*
**
**
**
WT
WD
WD+AAV-T2 1x10^10
WD+AAV-T2 3x10^10
WD+AAV-T2 1x10^11

Figure 9

A Experimental group 1



B Experimental group 2

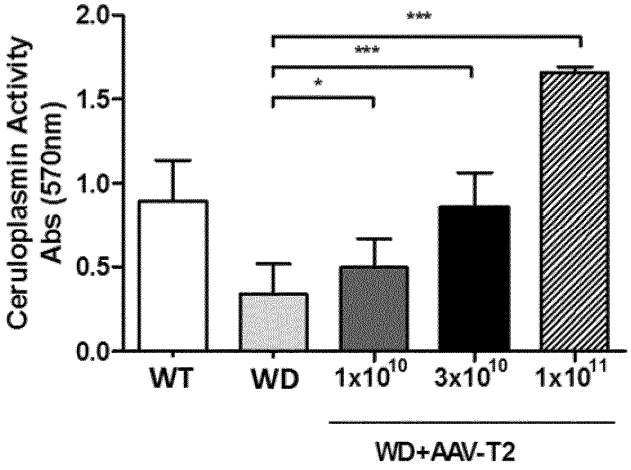
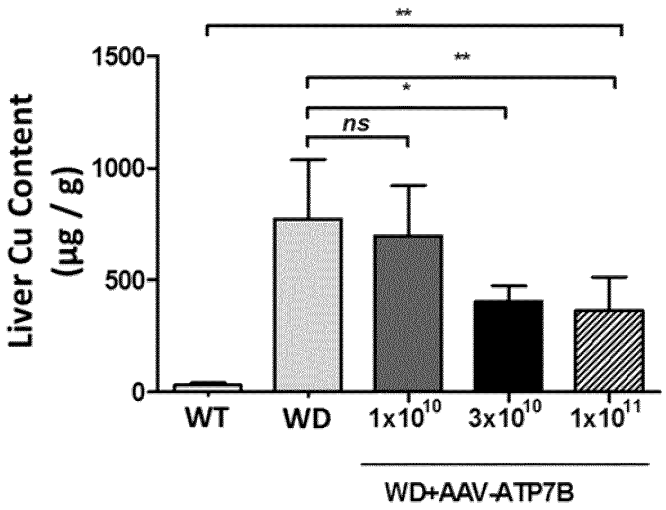


Figure 10

A Experimental group 1



B Experimental group 2

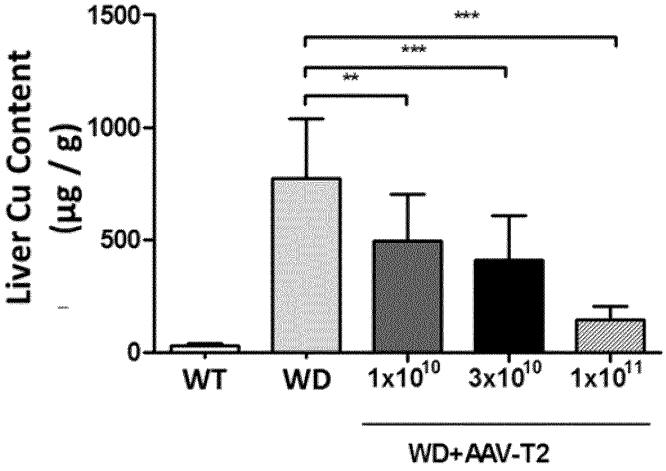


Figure 11

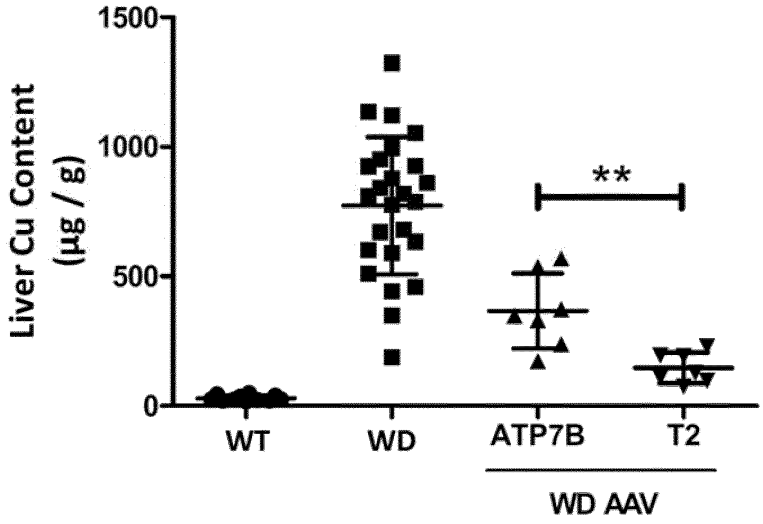


Figure 12

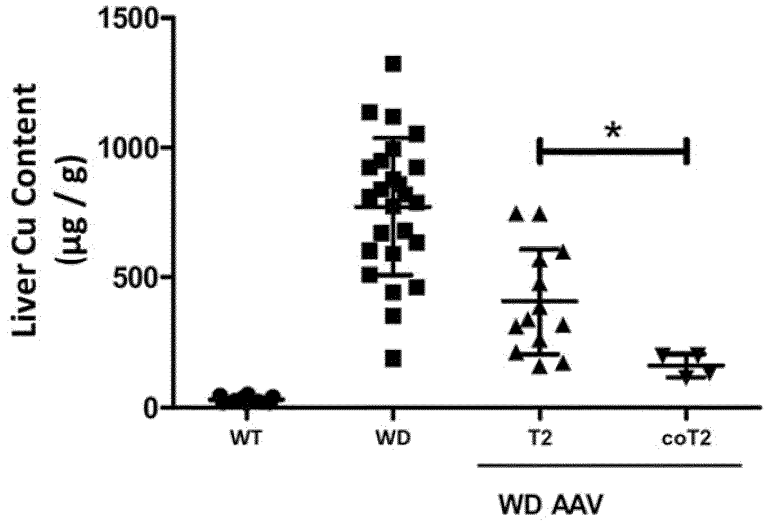


Figure 13

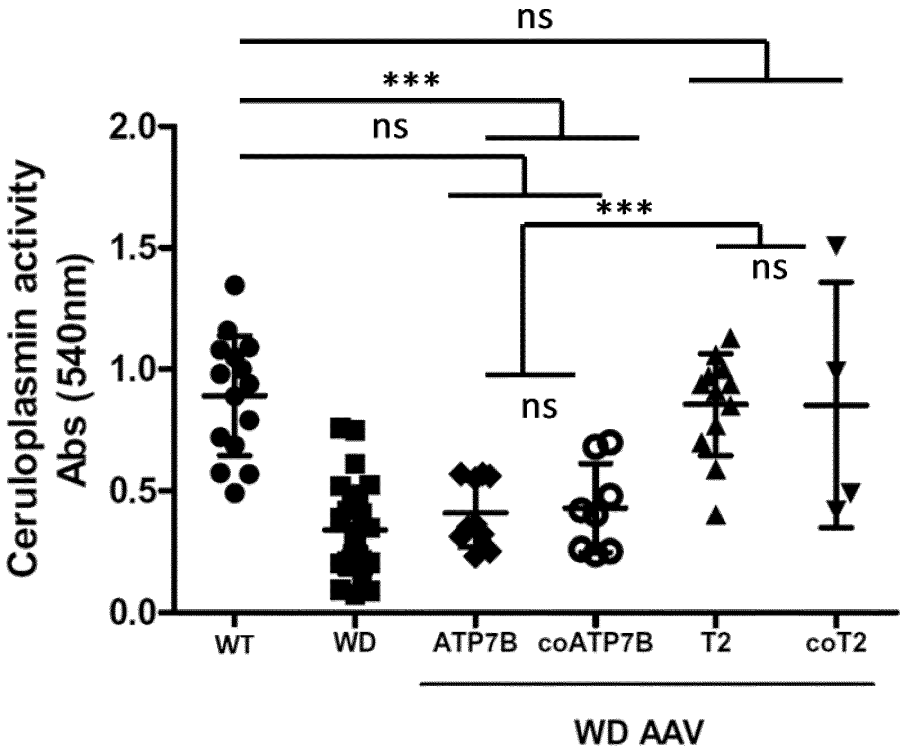

ns
***
ns
***
ns
ns
Ceruloplasmin activity
Abs (540nm)
2.0
1.5
1.0
0.5
0.0
WT
WD
ATP7B
coATP7B
T2
coT2
WD AAV

Figure 14