

Supplementary Tables 1 and 2

**Table 1.** Biochemistry analysis of plasma from ApoE<sup>-/-</sup> and ApoE<sup>-/-</sup> TRAIL<sup>-/-</sup> mice fed chow and Western diet for 8 weeks.

	ApoE null chow (n=8)	DN chow (n=8)	ApoE null Western	DN Western
Cholesterol mM	12.01(0.09)	10.64 (0.8)	24.14 (2.7)	25.2 (2.09)
HDL mM	3.158 (0.18)	3.00 (0.13)	3.6 (0.5)	3.375 (0.23)
LDL mM	7.291 (0.60)	6.33 (0.60)	17.9 (2.6)	18.96 (1.09)
Triglycerides mM	3.4 (0.45)	2.84 (0.69)	3 (0.65)	3.33 (0.66)
Glucose	11.86 (0.9)	11.51 (0.83)	12.99 (1.01)	11.55 (0.66)
ALT IU/L	29.13 (3.2)	34.14 (4.4)	58.57 (15.9)	23.67 (3.7)
AST IU/L	95.13 (17)	165 (45)	154.6 (38.4)	72.83 (7.3)*

Data are mean +/- SEM, \* p>0.05

**Table 2.** Biochemistry analysis of plasma from ApoE<sup>-/-</sup> and ApoE<sup>-/-</sup> TRAIL<sup>-/-</sup> mice fed chow and Western diet for 12 weeks.

	ApoE null chow	DN chow	ApoE null Western	DN Western
Cholesterol mM	12.57 (0.50)	11.68 (1.54)	25.46 (2.46)	22.0 (2.8)
HDL mM	2.22 (0.15)	2.20 (0.22)	3.63 (0.35)	3.40 (0.52)
LDL mM	9.62 (0.40)	8.9 (0.97)	20.2 (2.3)	17.8 (2.1)
Triglycerides mM	1.54 (0.33)	1.85 (0.43)	3.14 (0.69)	1.87 (0.45)
Glucose	11.5 (0.66)	12.88 (1.18)	11.89 (0.8)	9.8 (0.75)
ALT IU/L	41.29 (3.8)	23.67 (0.66)	47.3 (7.8)	36 (5.2)
AST IU/L	120.4 (16.4)	76.0 (11.67)	107.1 (14.1)	100.9 (14.0)

Data are mean +/- SEM, \* p>0.05