

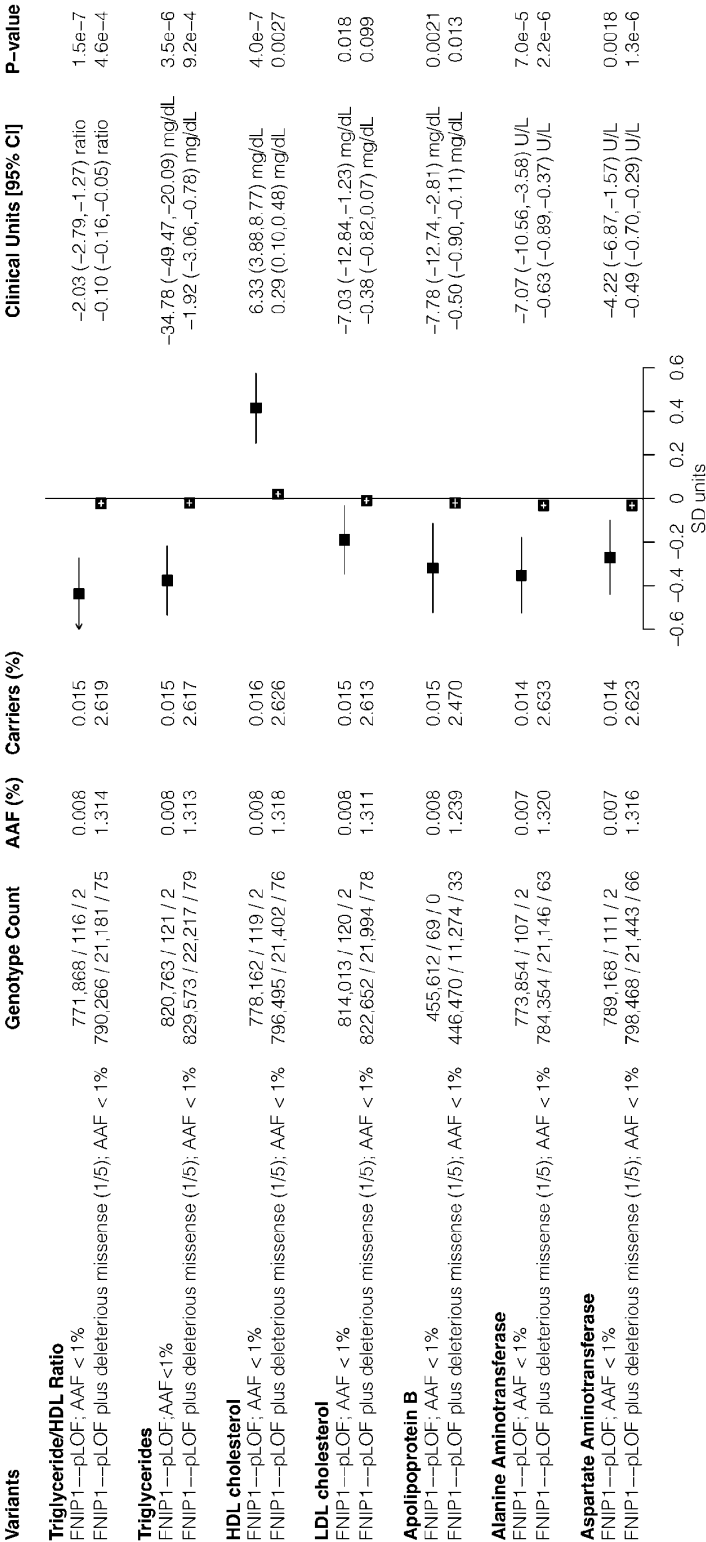


Figure 1

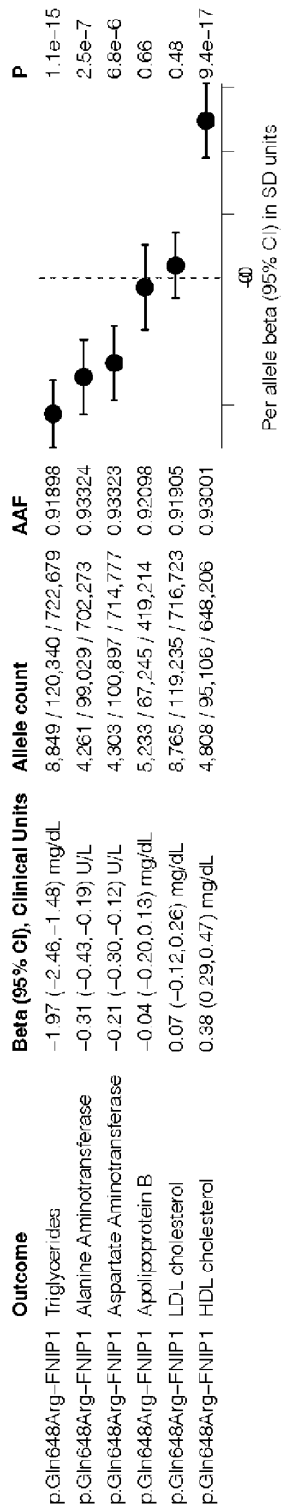


Figure 2

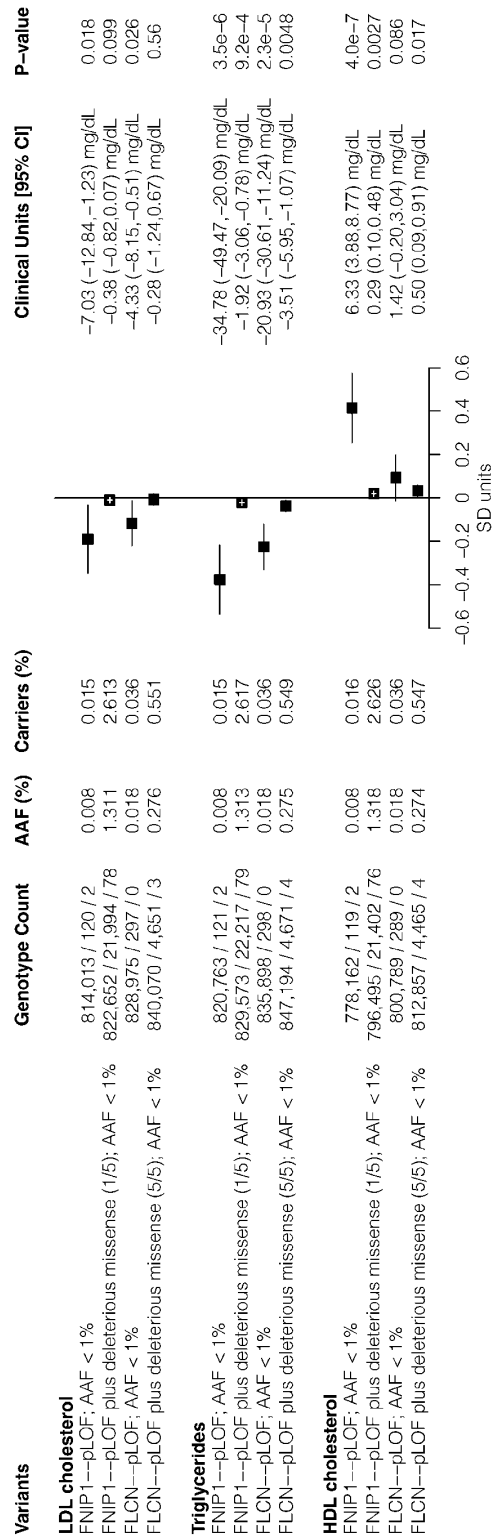


Figure 3

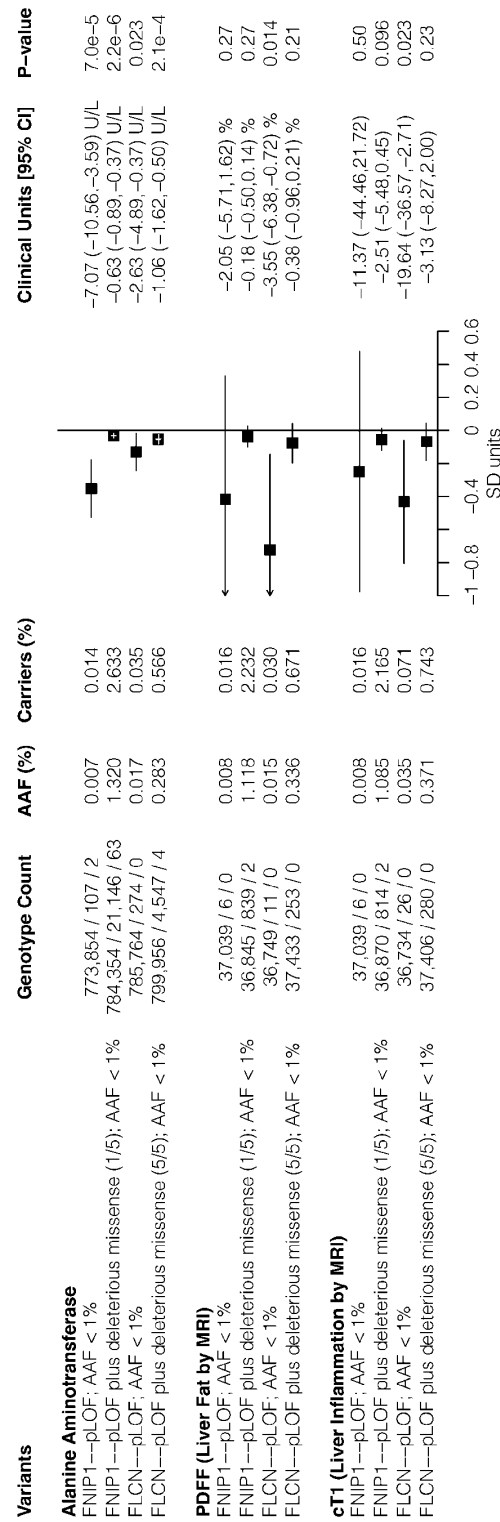


Figure 4

Variants	Genotype Count	AFF (%)	Carriers (%)
PDFF (Liver Fat by MRI)			
FLCN--pLOF; AAF < 1%	36,749 / 11 / 0	0.015	0.030
FNIP1--pLOF; AAF < 1%	37,039 / 6 / 0	0.008	0.016
CIDEB--pLOF; AAF < 1%	37,195 / 53 / 0	0.071	0.142
Alanine Aminotransferase			
FNIP1--pLOF; AAF < 1%	773,854 / 107 / 2	0.007	0.014
FLCN--pLOF; AAF < 1%	785,764 / 274 / 0	0.017	0.035
CIDEB--pLOF; AAF < 1%	801,361 / 1,270 / 1	0.079	0.158

Figure 5

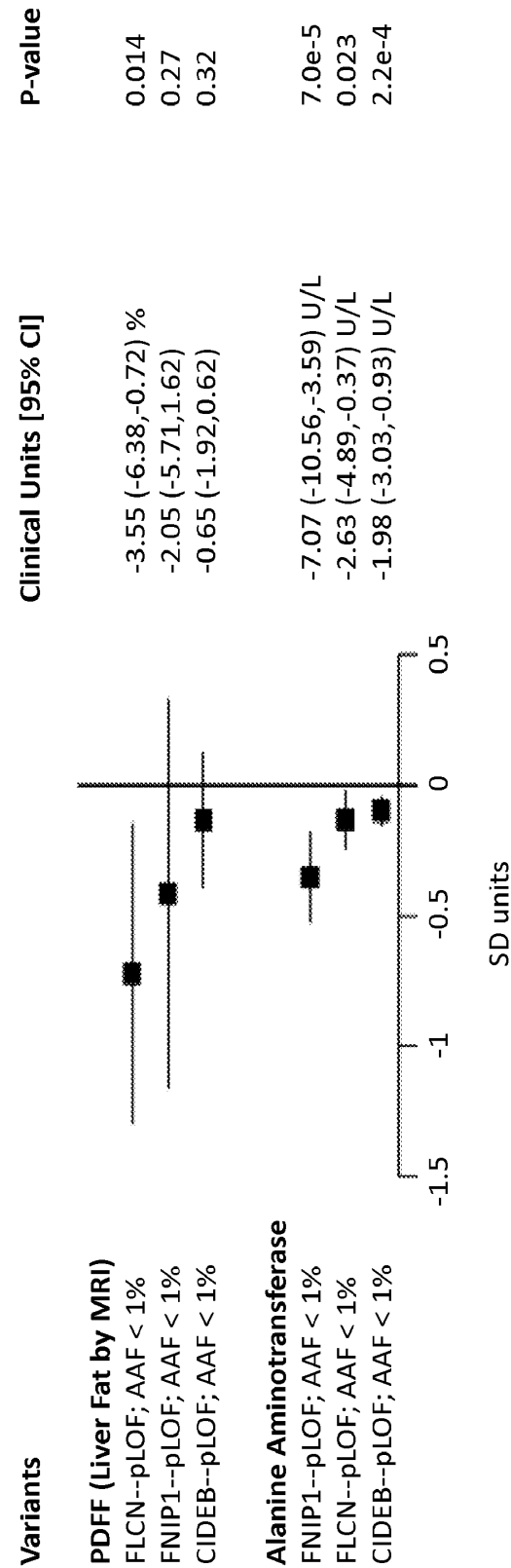


Figure 5 (cont.)

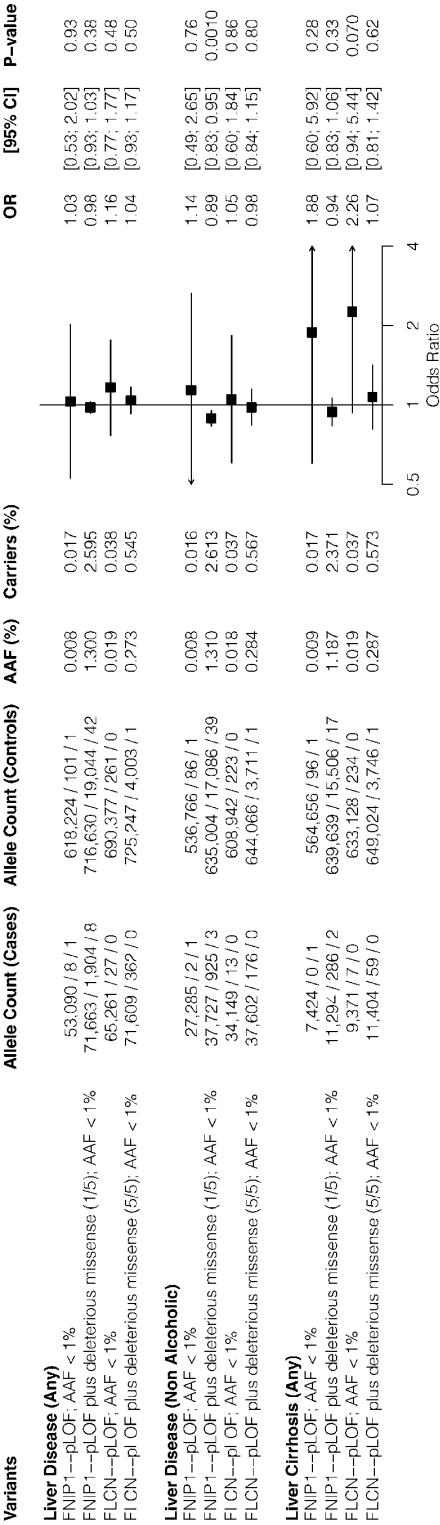


Figure 6

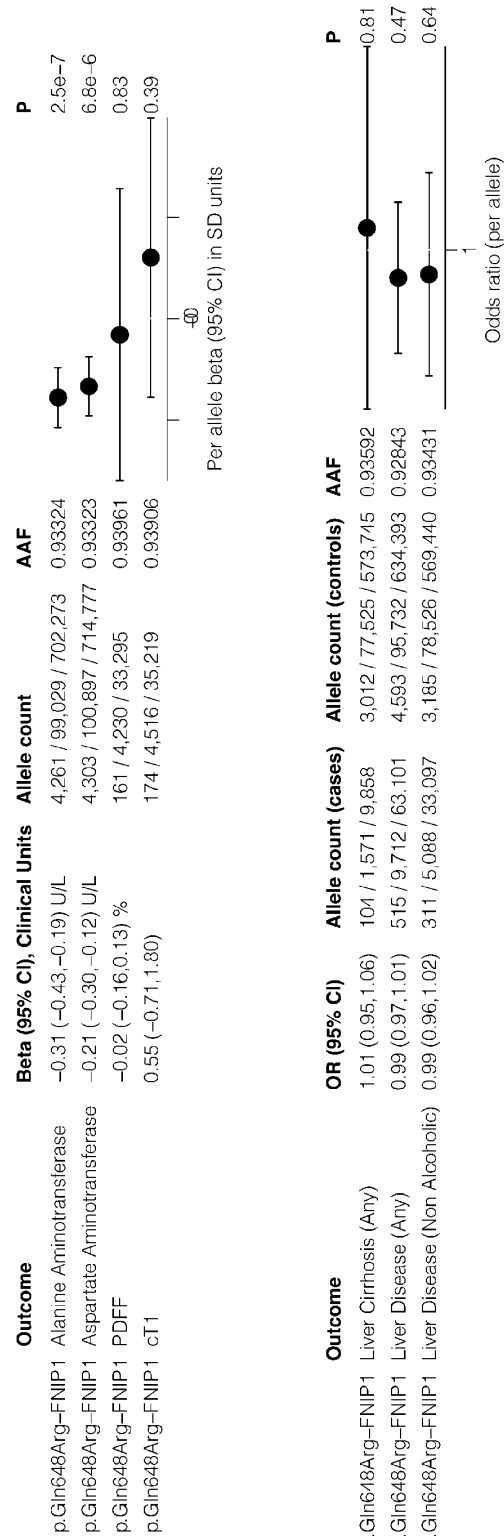


Figure 7

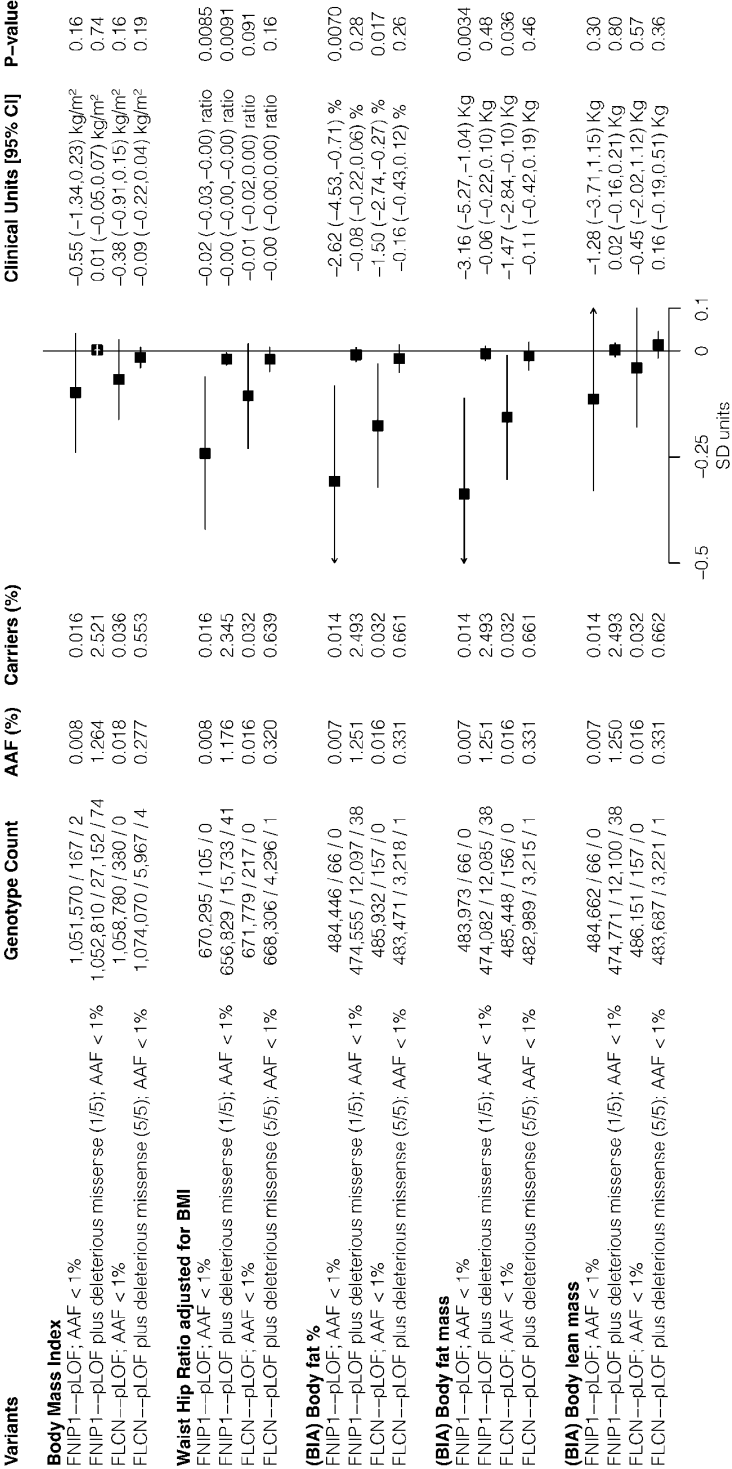


Figure 8

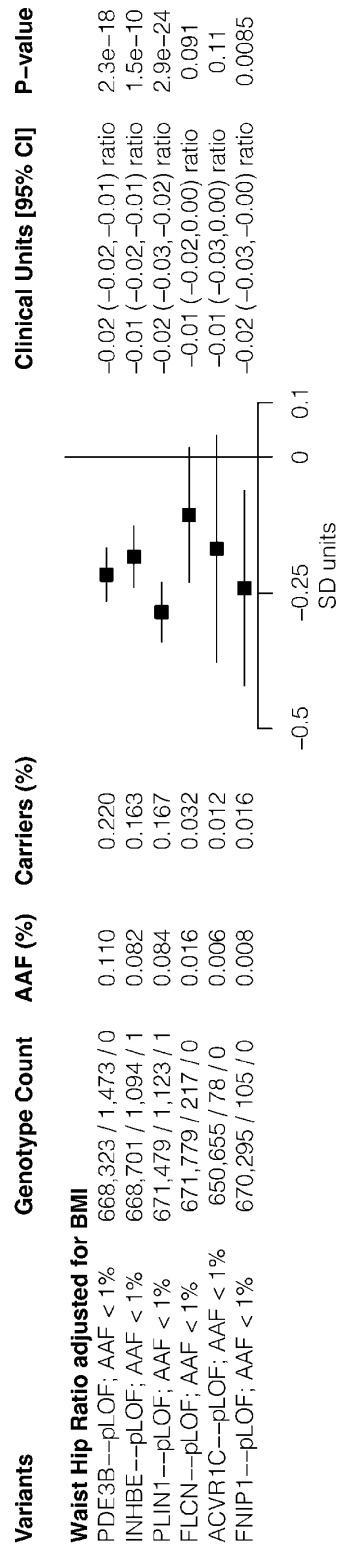


Figure 9

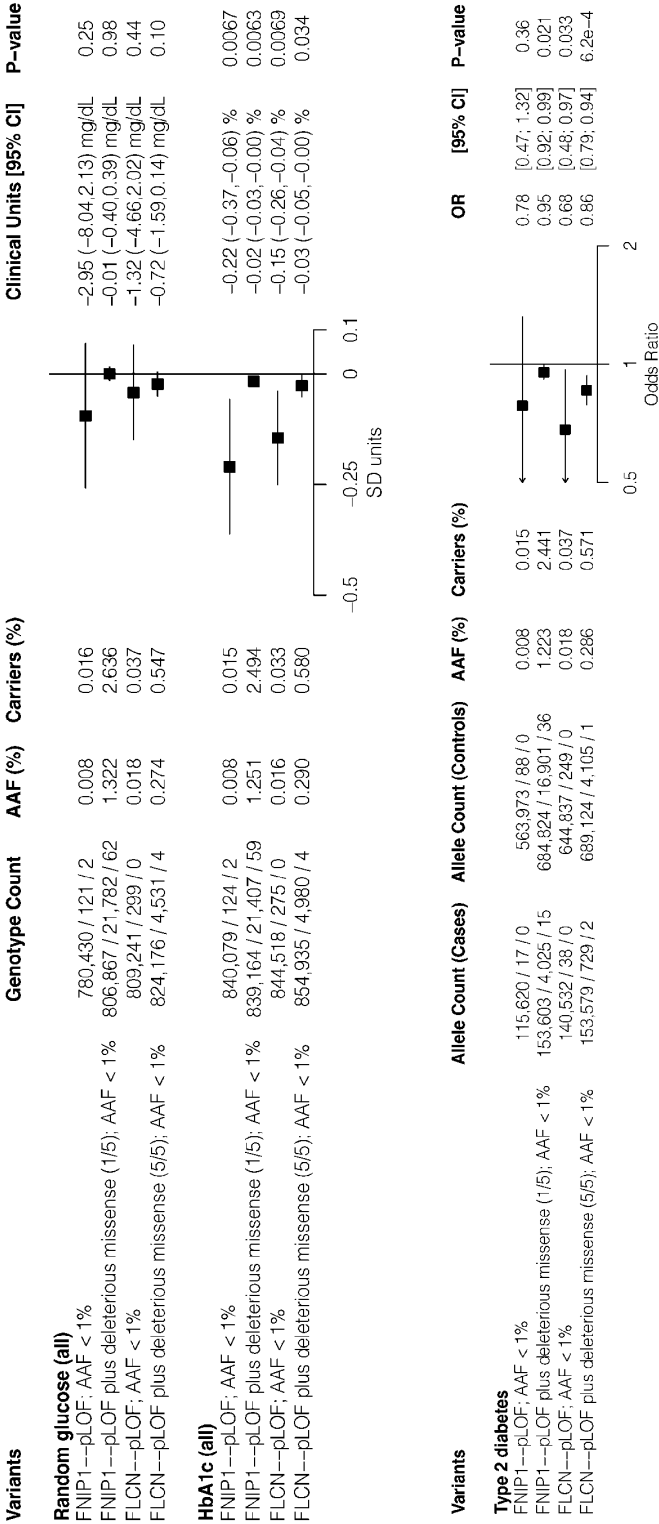


Figure 10

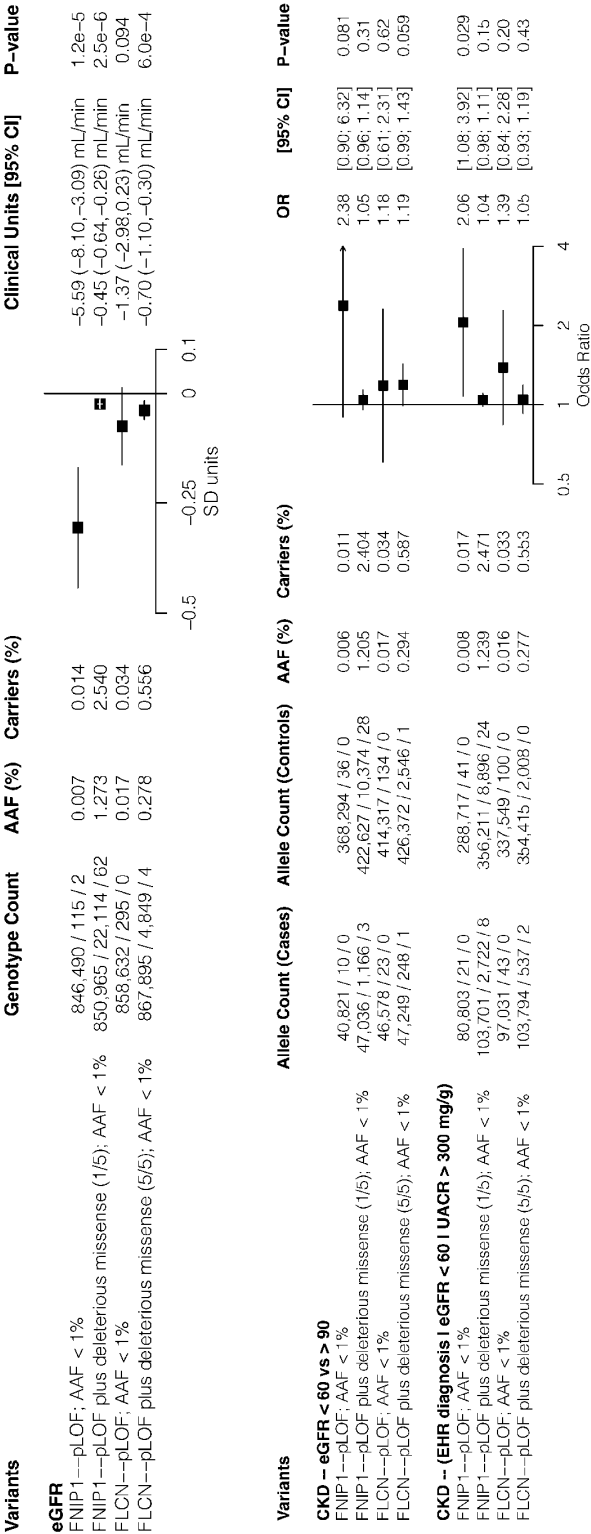


Figure 11

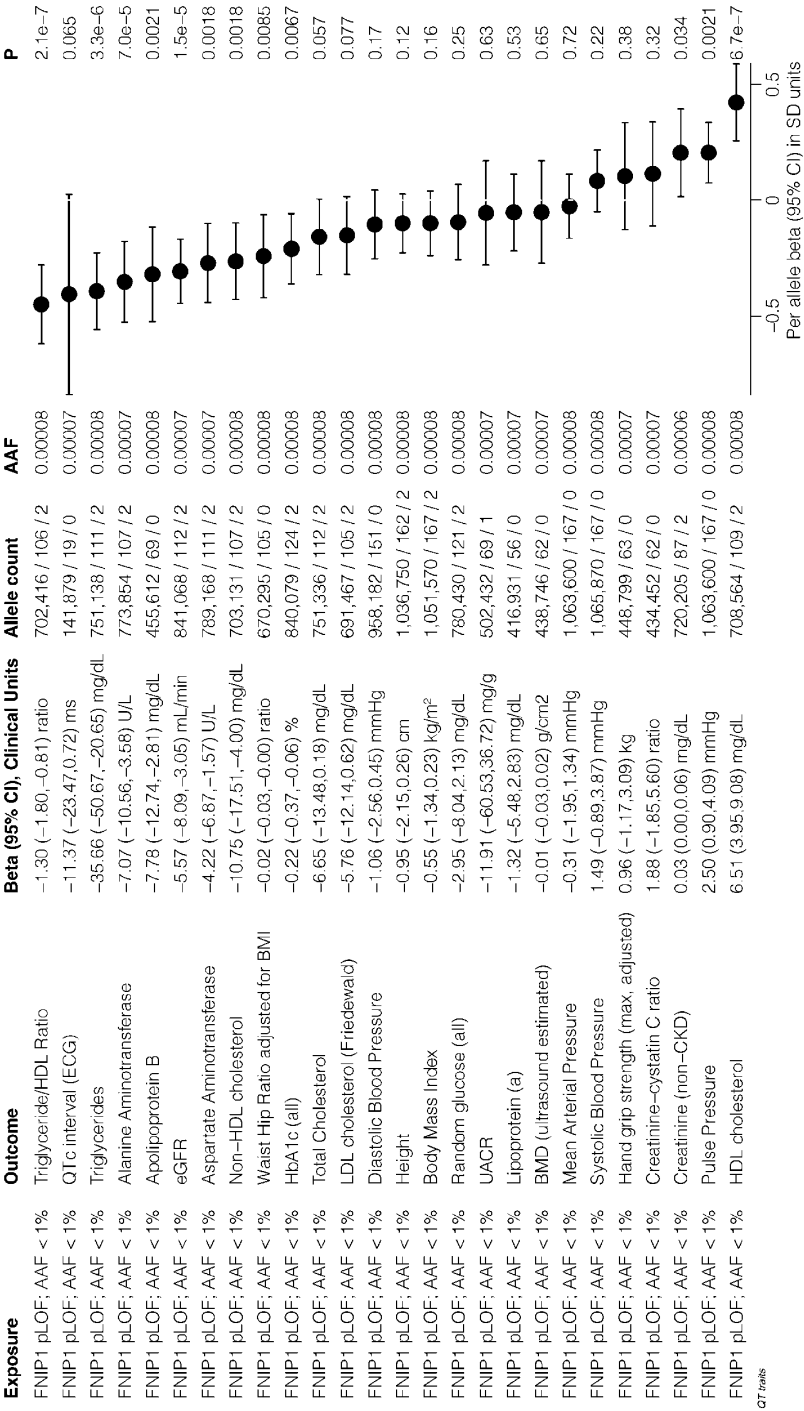


Figure 12

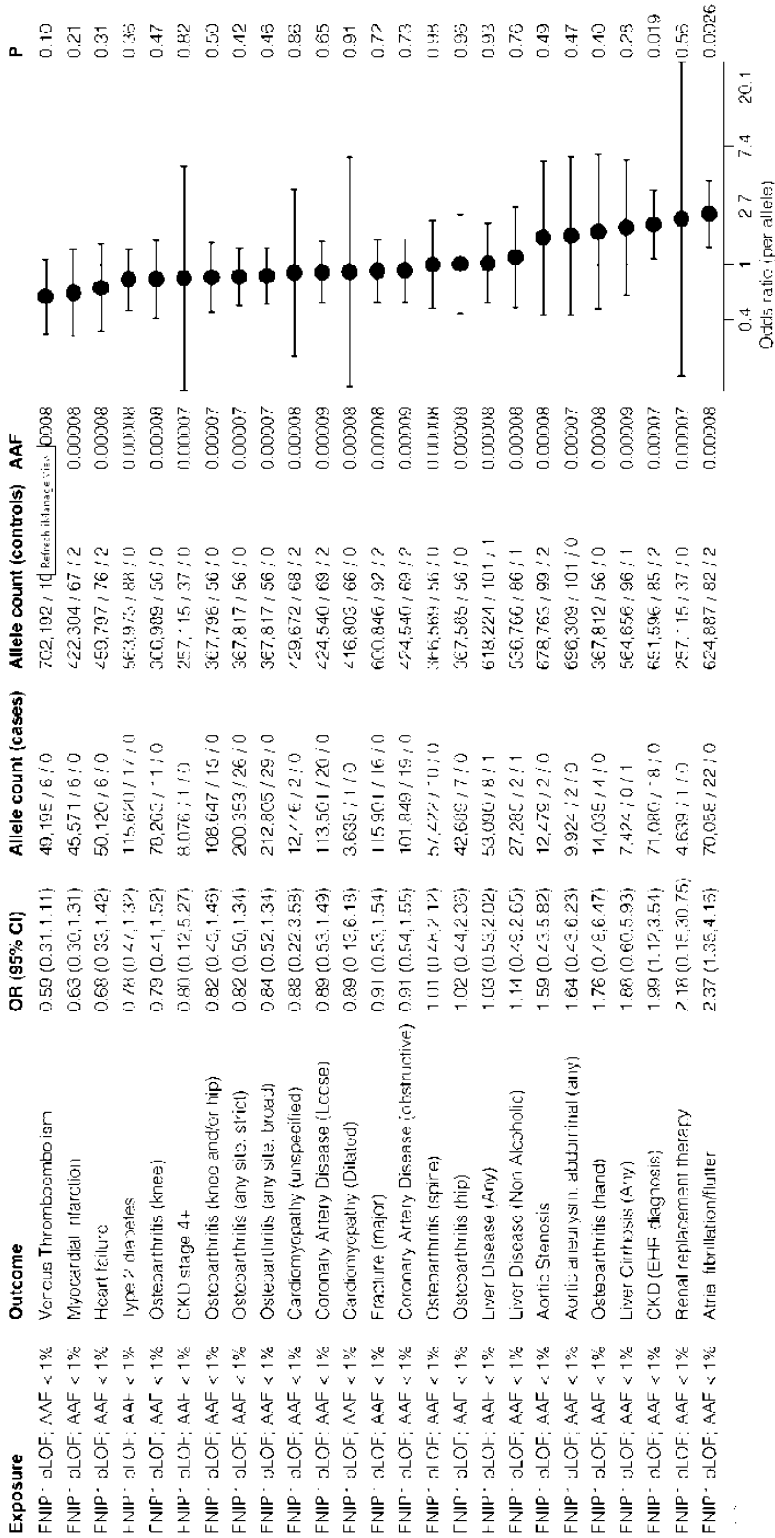


Figure 13

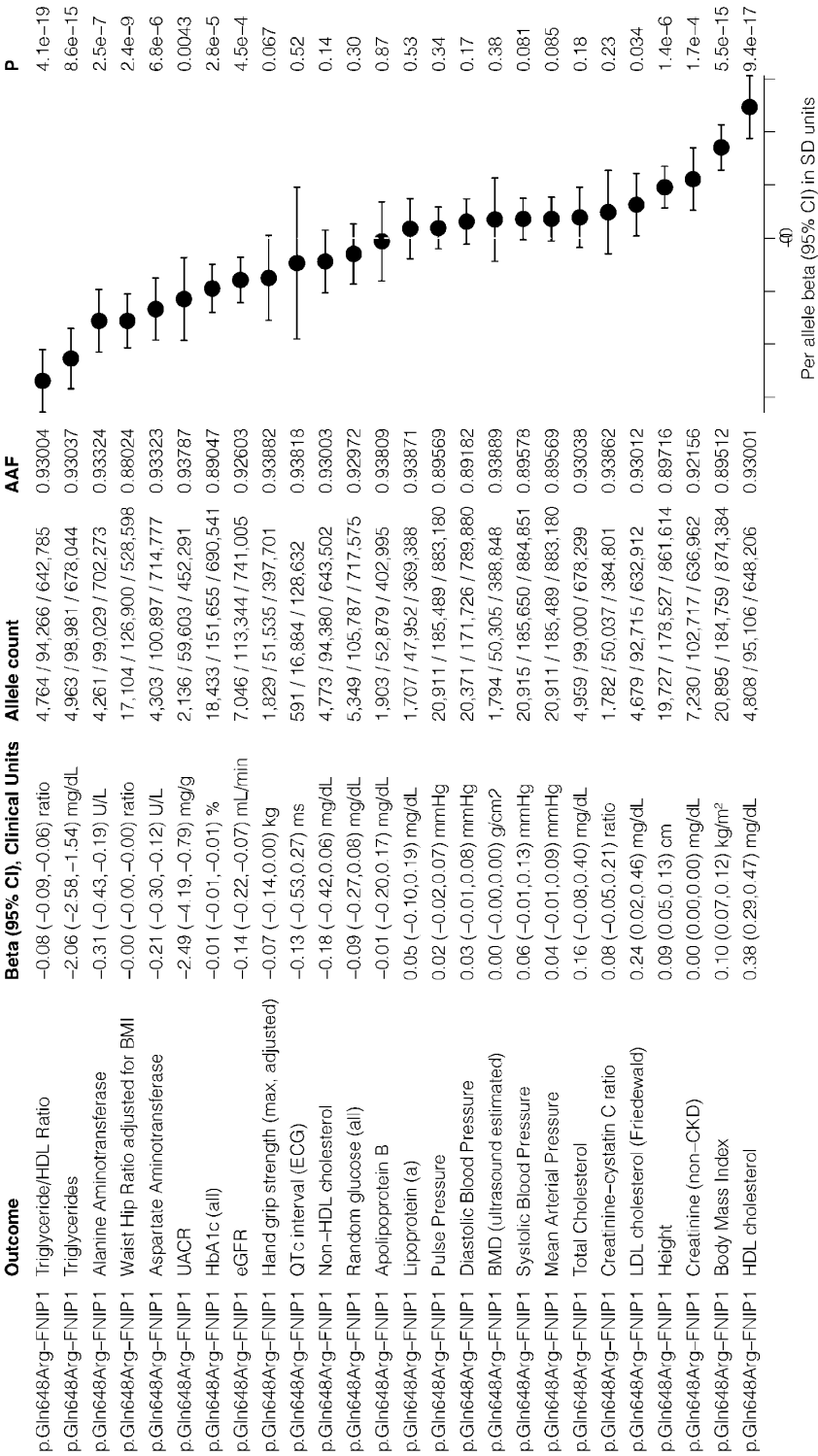


Figure 14

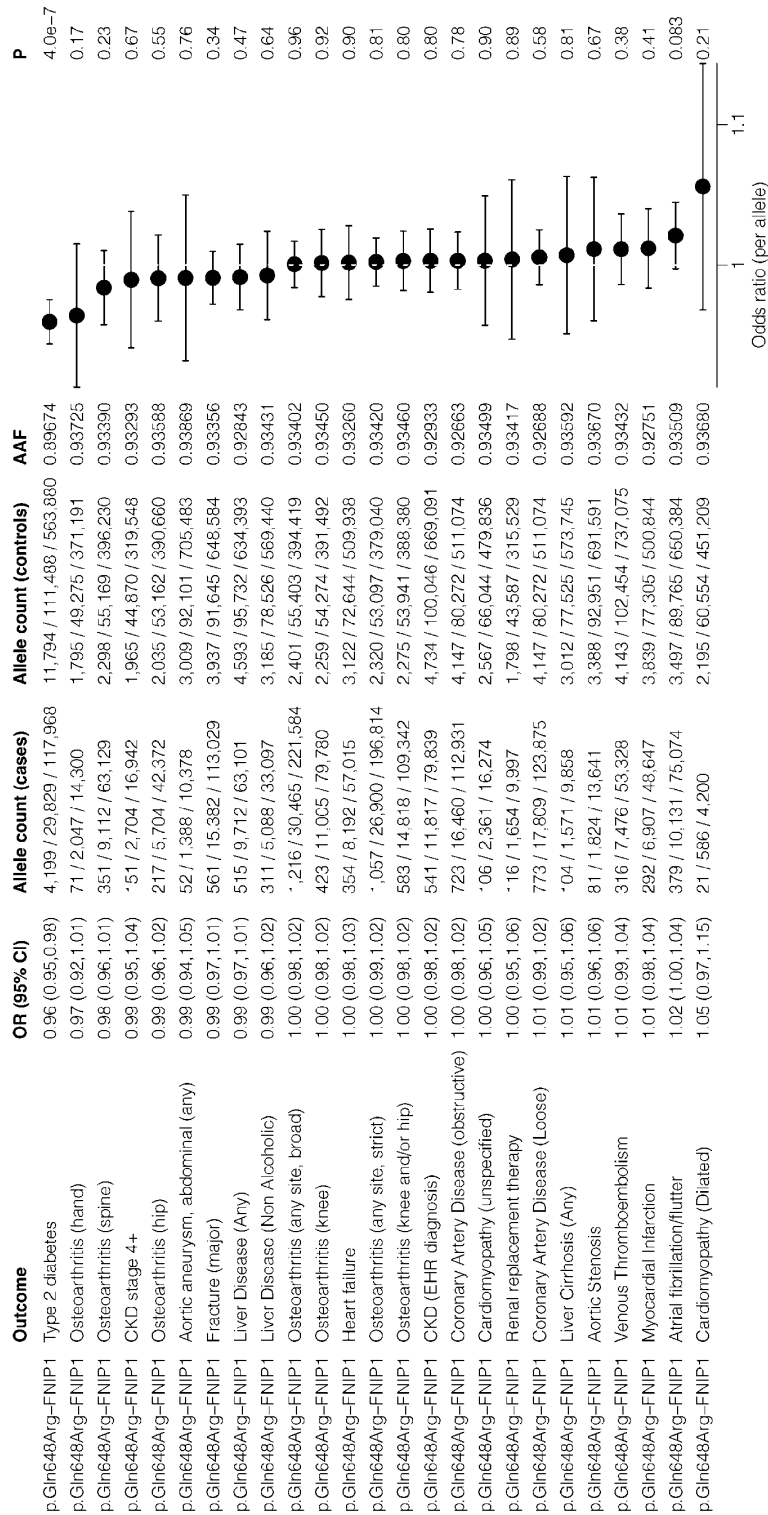


Figure 15

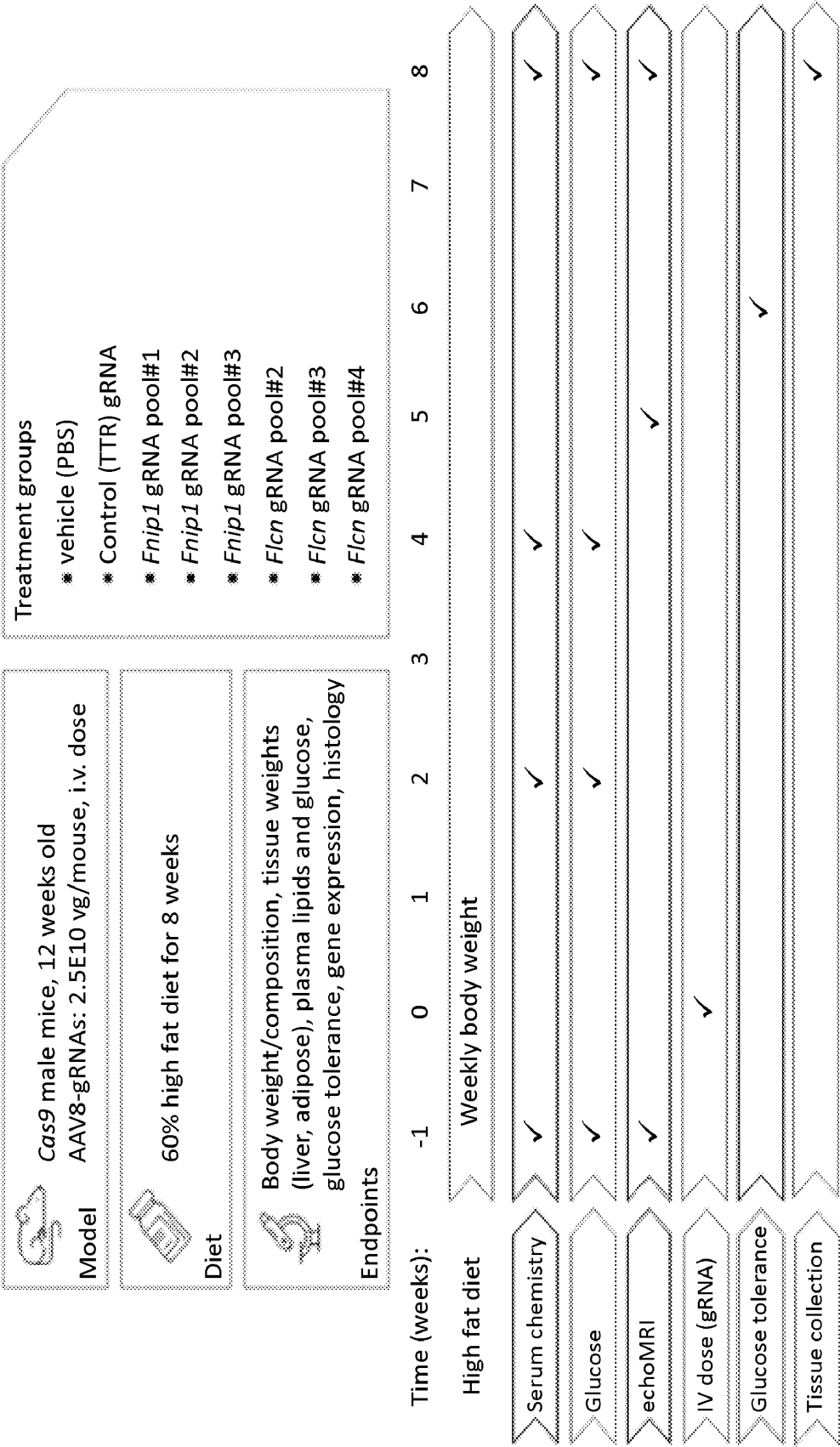
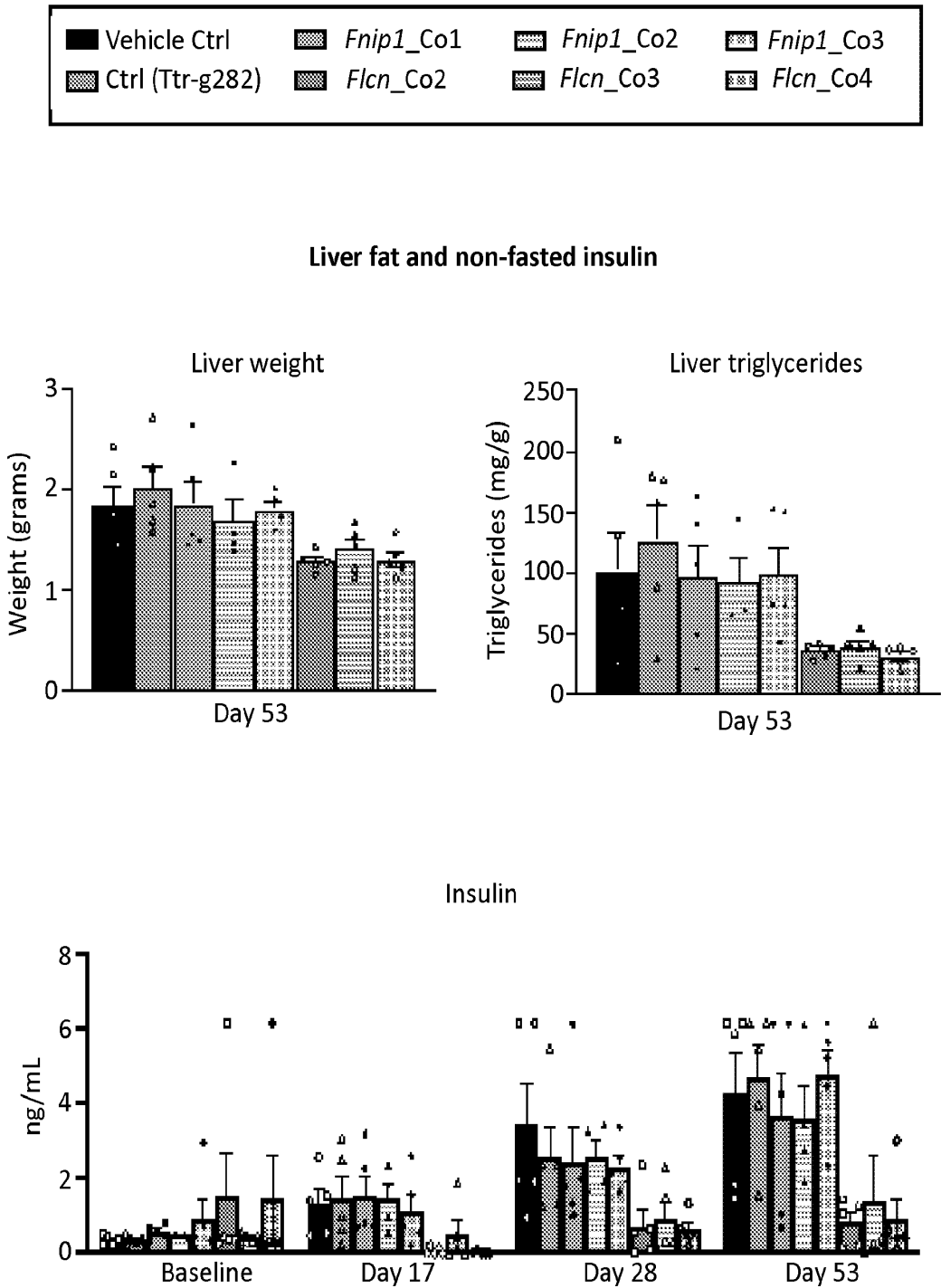


Figure 16



Hepatic gene expression

FLCN depletion

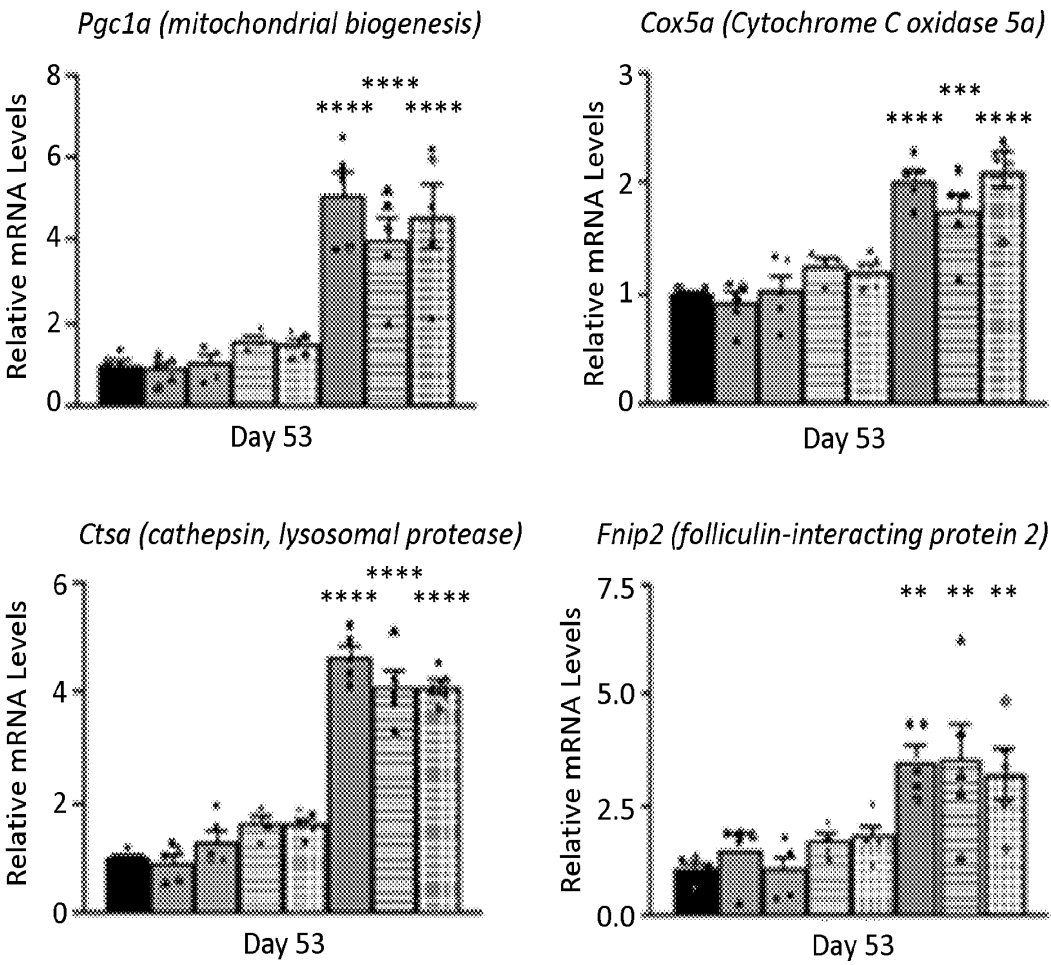
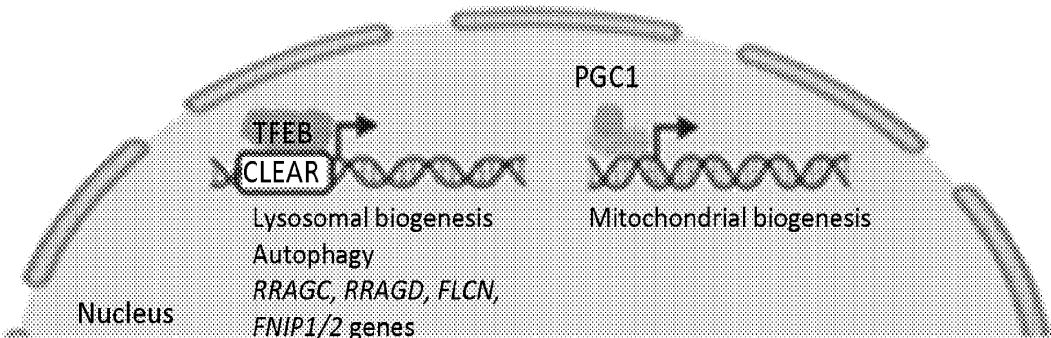


Figure 17 (cont.)

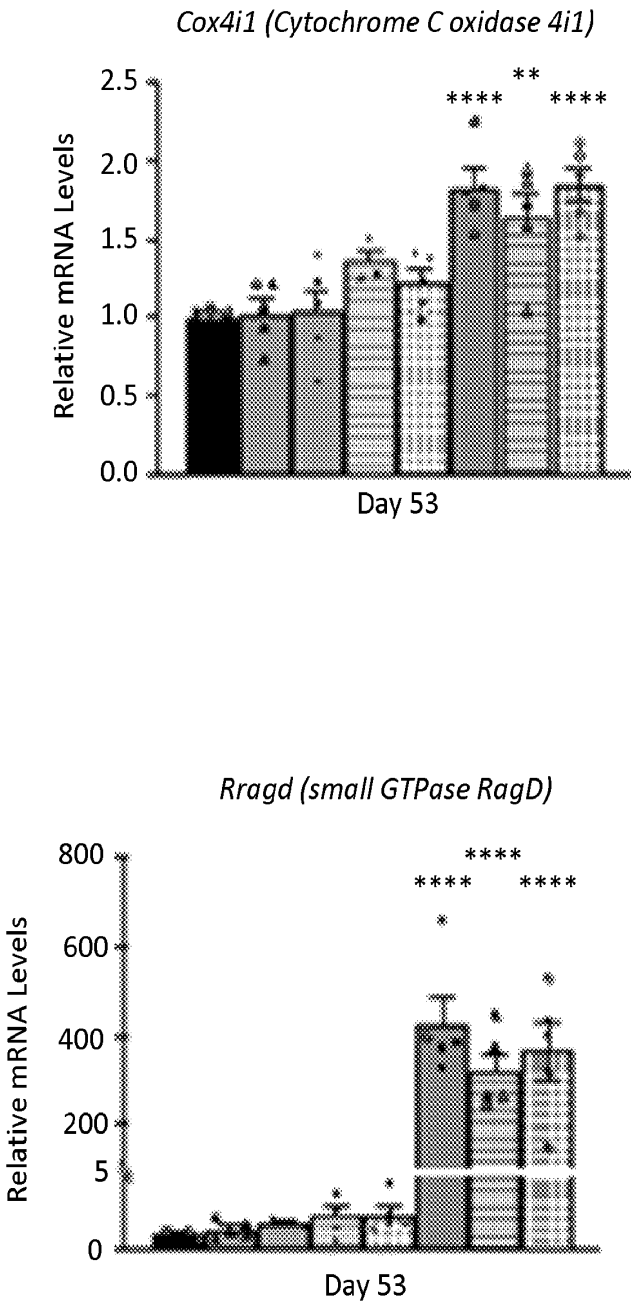


Figure 17 (cont.)

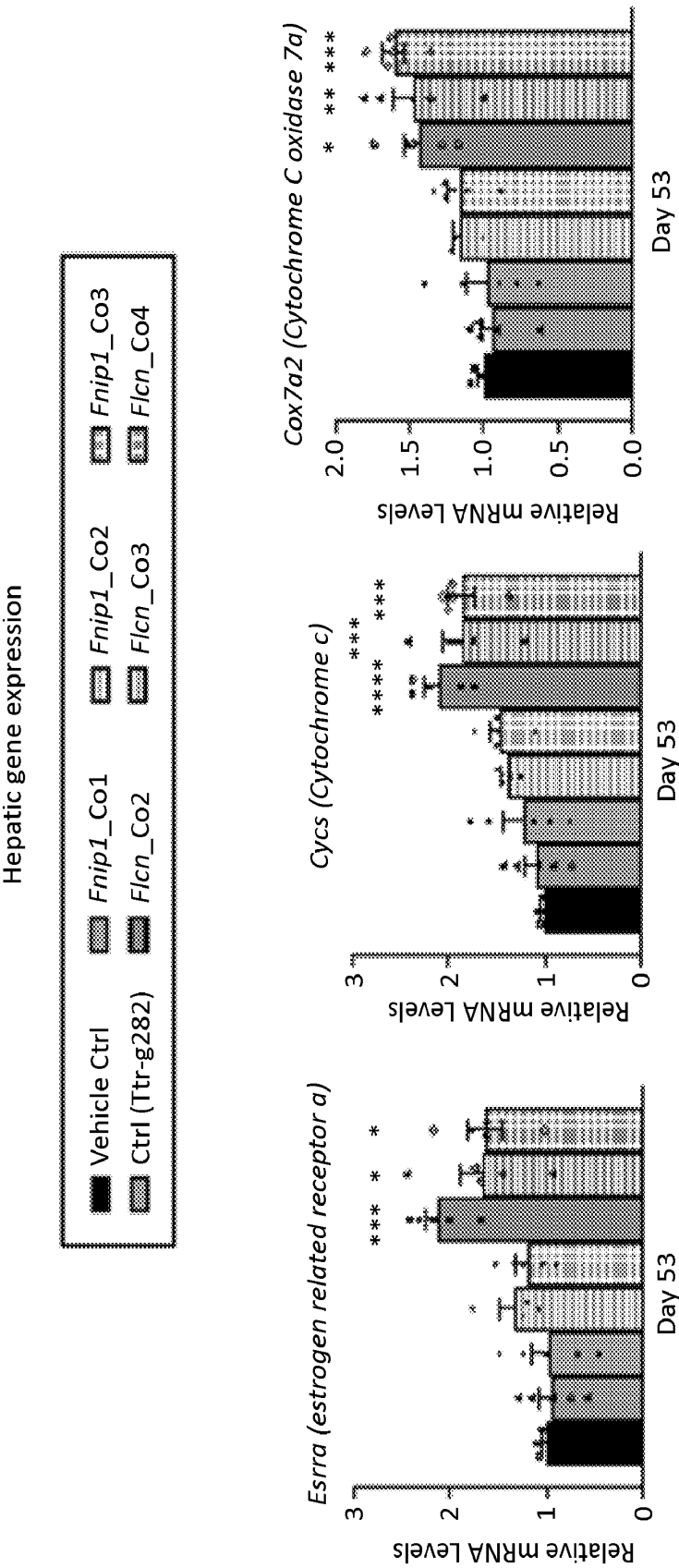


Figure 18

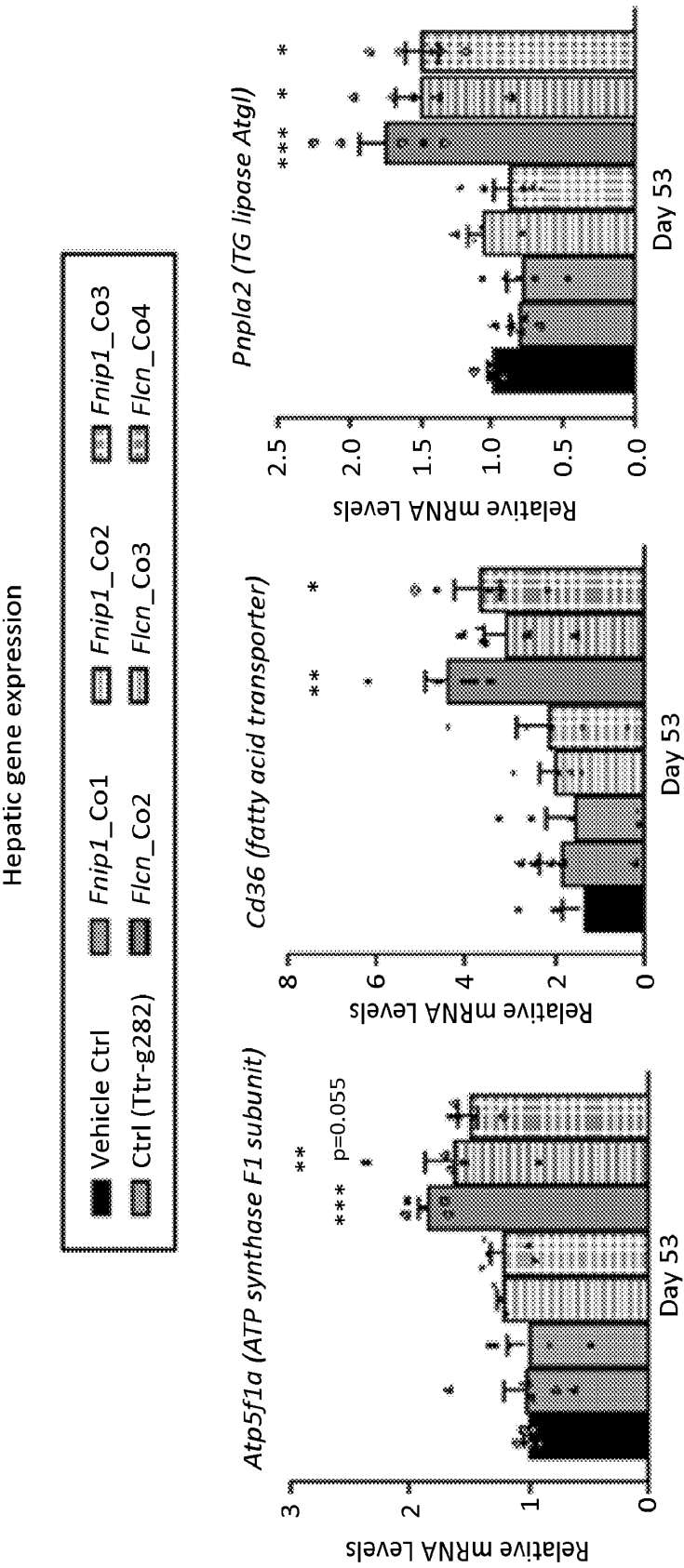


Figure 18 (cont.)

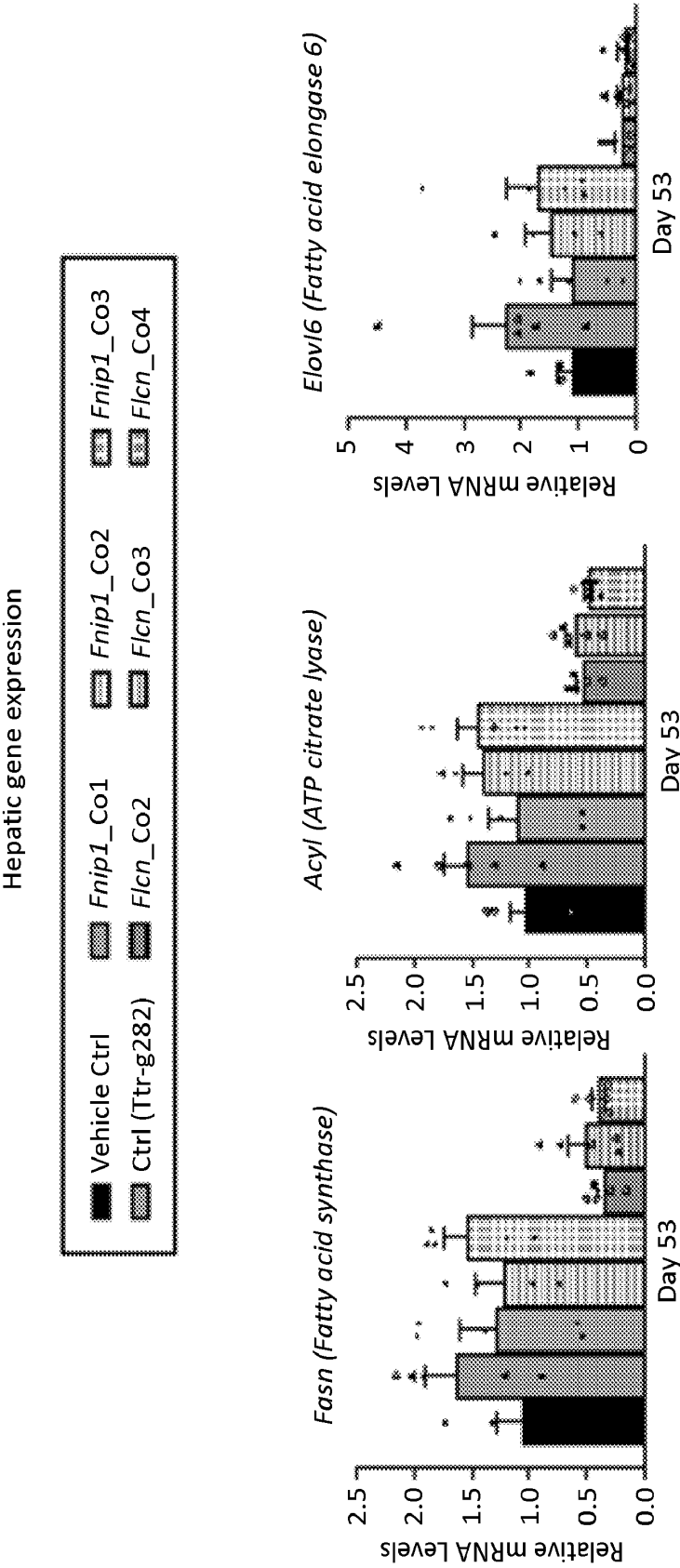


Figure 18 (cont.)