

**Table S1. Summary of label-free proteomic dataset.**

5 individuals per time-point		Time points				
		2 months	3 months	5 months	7 months	11 months
WHV/c-myc transgenic mice	Spectral counts	225229	222846	250935	234787	240670
	Unique peptides	19612	19209	17464	21615	21901
	Protein groups	4525	4388	4104	4833	4842
wt-C57BL/6 mice	Spectral counts	244744	216118	271674	252389	221693
	Unique peptides	19131	18894	17364	17674	20005
	Protein groups	4183	4400	4152	4013	4567

A table displays numbers of spectral counts, unique peptides and protein groups identified by label-free quantified strategy for transgenic and control mice at each stage, individually. We identified a total of 42,689 distinct peptides among the 570 LC-MS/MS runs, corresponding to 2,381,085 spectra in an assembly of 8,713 protein groups with a peptide-level FDR of 0.4%. Quantitative data (with spectral counts in at least half mice) generated on 3,372 proteins, with a peptide-level FDR of 0.02% and a protein-level FDR of 0%. All data were renamed official gene symbols obtained from IPI mouse database (Version 3.82).