Supplementary Table 2. GSEA clusters summarizing table.

comparison name direction up/down in	WT vs KO downregulated KO	WT vs old downregulated Old	Old vs KO downregulated KO (comp. to Old)	KO vs WT upregulated KO	old vs WT upregulated Old	KO vs Old upregulated KO (comp. to Old)							
							immune system	3	3	20	2	19	0
							protein translation	1	0	2	5	7	0
proteostasis	1	1	0	0	0	0							
RNA metabolism	1	0	0	2	3	0							
lipid metabolism	4	0	1	0	2	1							
aging	0	2	4	0	3	0							
cell cycle	3	11	6	21	2	12							
differentiation	2	3	1	2	1	5							
brain region	4	0	7	0	4	0							
brain development	3	5	0	0	0	3							
genomic instability	0	1	0	3	0	5							
DNA synthesis	0	0	0	8	0	0							
epigenetic modifications	4	2	1	0	0	5							
development	2	3	0	0	0	0							
learning	3	4	0	0	0	2							
neuronal system	6	2	0	0	0	2							
cell-cell interaction	6	5	0	1	0	5							
cancer	9	26	17	13	17	19							
Others 1	9	8	6	6	5	9							
Others 2	0	1	5	2	9	5							