Overlap of functional categories

	Synaptic signaling (n=47)	Autophagic and endolysosomal pathway (AEL) (n=65)	Melanosome (n=30)	Lipid metabolism (n=68)	Nucleotide metabolism (n=39)	Mitochondria organisation (n=46)	Transmembrane transport (n=74)	Peroxisome organisation (n=7)	Visual cycle and phototransduction (VCPh) (n=34)	Cytoskeleton (n=53)	Cilium (n=84)	Transcriptional regulation (n=65)	ER / Golgi homeostasis (n=19)	Extracellular matrix (n=29)	Cell adhesion (n=33)	Protein ubiquitination (n=11)	Axonogenesis (n=14)	Protein biosynthesis (n=23)	RNA splicing (n=19)	Others (n=37)	Telomere maintenance (n=3)
Synaptic signaling (n=47)	8	13	7	3	3	3	15		3	8	2	4	3	4	6	1	5		1		
Autophagic and endolysosomal pathway (AEL) (n=65)	13	21	8	11	5	7	12	3	1	3	4	5	5	2	2	2	3				
Melanosome (n=30)	7	8	6	4	2	1	9			4	8	5	2								
Lipid metabolism (n=68)	3	11	4	31	4	5	11	2	10	2	2	2	1	3	1	1	1	1			
Nucleotide metabolism (n=39)	3	5	2	4	11	13	19	2	1	1	1	2		1	1		1				
Mitochondria organisation (n=46)	3	7	1	5	13	20	16	3				1					2				
Transmembrane transport (n=74)	15	12	9	11	19	16	21	4	2	4	2	3	2			1	1				
Peroxisome organisation (n=7)		3		2	2	3	4									1					
Visual cycle and phototransduction (VCPh) (n=34)	3	1		10	1		2		15	2	1	1									
Cytoskeleton (n=53)	8	3	4	2	1		4		2	18	20	4	4	1	6	1	1		1		
Cilium (n=84)	2	4	8	2	1		2		1	20	42	6	5	1	4	1	1	1	1		
Transcriptional regulation (n=65)	4	5	5	2	2	1	3		1	4	6	31	1	4	5	4	5	3	2		
ER / Golgi homeostasis (n=19)	3	5	2	1			2			4	5	1	9								
Extracellular matrix (n=29)	4	2		3	1					1	1	4		16	5	1	2				
Cell adhesion (n=33)	6	2		1	1					6	4	5		5	15	1	2				
Protein ubiquitination (n=11)	1	2		1			1	1		1	1	4		1	1	5	1				
Axonogenesis (n=14)	5	3		1	1	2	1			1	1	5		2	2	1	1				
Protein biosynthesis (n=23)				1							1	3						19			
RNA splicing (n=19)	1									1	1	2							15		
Others (n=37)																				37	
Telomere maintenance (n=3)																					3