Overlap of functional categories

	Synaptic signaling (n=46)	Autophagic and endolysosomal pathway (AEL) (n=61)	Melanosome (n=30)	Lipid metabolism (n=65)	Nucleotide metabolism (n=38)	Mitochondria organisation (n=46)	Transmembrane transport (n=74)	Peroxisome organisation (n=7)	Visual cycle and phototransduction (VCPh) (n=33)	Cytoskeleton (n=52)	Cilium (n=83)	Transcriptional regulation (n=63)	ER / Golgi homeostasis (n=19)	Extracellular matrix (n=29)	Cell adhesion (n=32)	Protein ubiquitination (n=11)	Axonogenesis (n=14)	Protein biosynthesis (n=22)	RNA splicing (n=19)	Others (n=35)	Telomere maintenance (n=3)
Synaptic signaling (n=46)	8	13	7	3	2	3	15		3	8	2	3	3	4	5	1	5		1		
Autophagic and endolysosomal pathway (AEL) (n=61)	13	18	8	10	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=65)	3	10	4	30	4	5	11	2	9	2	2	2	1	3	1	1	1	1			
Nucleotide metabolism (n=38)	2	5	2	4	11	13	19	2	1	1	1	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=33)	3	1		9	1		2		15	2	1	1									
Cytoskeleton (n=52)	8	3	4	2	1		4		2	17	20	4	4	1	6	1	1		1		
Cilium (n=83)	2	4	8	2	1		2		1	20	41	6	5	1	4	1	1	1	1		
Transcriptional regulation (n=63)	3	5	5	2	1	1	3		1	4	6	30	1	4	4	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=32)	5	2		1						6	4	4		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=22)				1							1	3						18			
RNA splicing (n=19)	1									1	1	2							15		
Others (n=35)																				35	
Telomere maintenance (n=3)																					3