

## Table S4

### Protein-transport related genes

Gene ID	labeling of the protein transport pathway
nxt1	Endosome
bbs4	Golgi/TGN
naca	ER/ER-Golgi
vps52	autophagy
eif5a	peroxisome
timm13	nucleus-cytoplasm
arfgef2	mitochondria- cytoplasm
pex7	secretory
copb2	other
ap1s1	
pom121	
tomm7	
tomm6	
seh1l	
atg7	
timm9	
sec22a	
rabgef1	
vps39	
ap5z1	
kdelr2	
gabarapl2	
ramp2	
nup88	
rrbp1	
dennd1a	
vti1b	
ap4s1	
gabarap	
micall1	
preb	
phax	
scfd1	
sec61b	
aktip	
ap2a1	
cog8	
tom1l2	
ist1	
rab5a	
rangrf	

slc15a3
vps25
mon1a

..