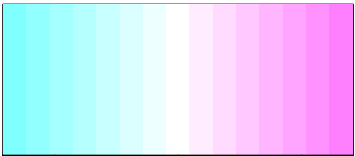
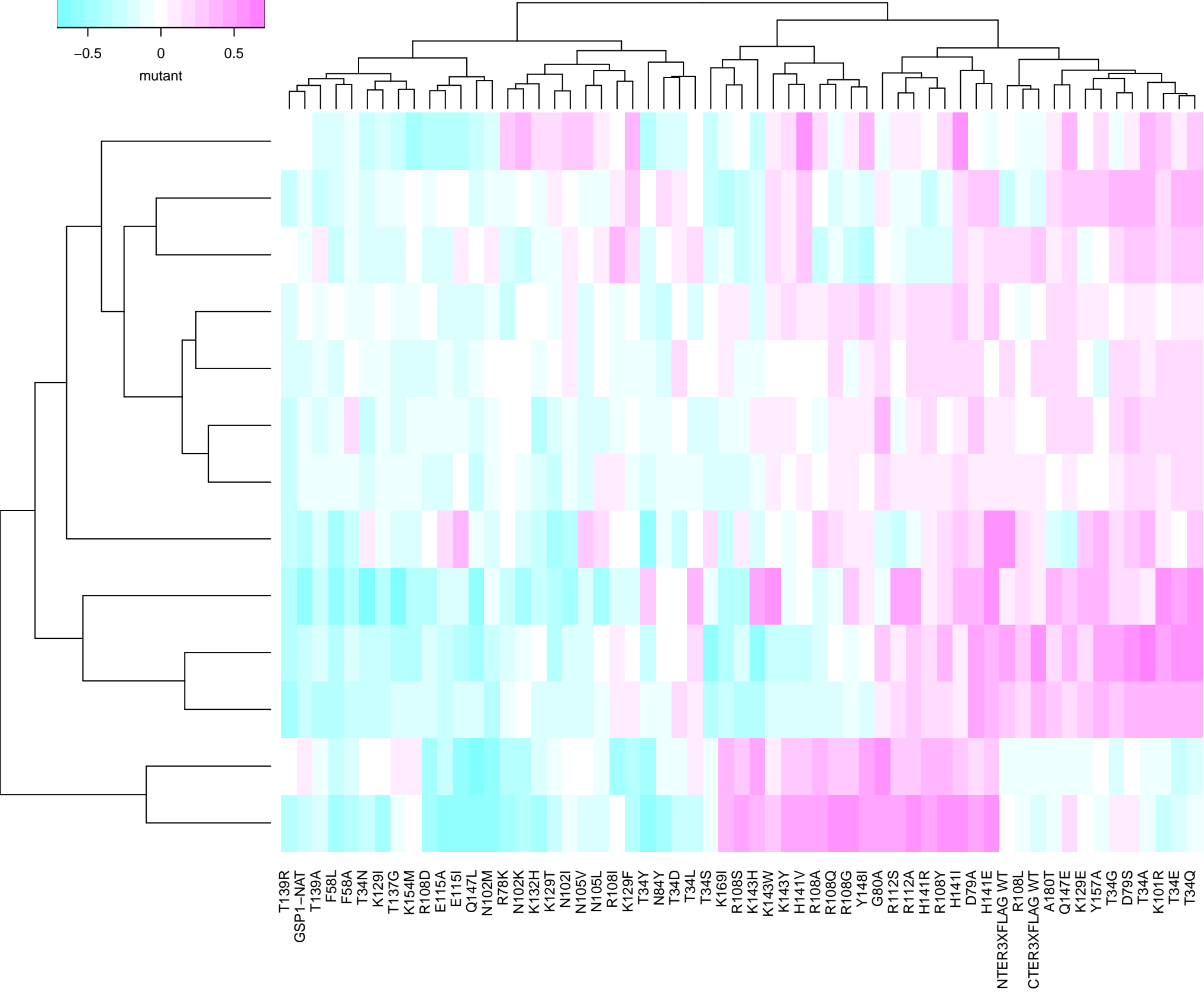


NUP57\_TSQ957

Color Key



-0.5 0 0.5  
mutant



Golgi and ER  
transcription and mRNA processing  
ribosome  
budding  
mitochondrion  
chromatin  
nuclear transport  
vacuole  
peroxisome  
lipids  
metabolic  
cytoskeleton  
cell cycle

T139R  
GSP1-NAT  
T139A  
F58L  
F58A  
T34N  
K129I  
T137G  
K154M  
R108D  
E115A  
E115I  
Q147L  
N102M  
R78K  
N102K  
K132H  
K129T  
N102I  
N105V  
N105L  
R108I  
K129F  
T34Y  
N84Y  
T34D  
T34L  
T34S  
K169I  
R108S  
K143H  
K143W  
K143Y  
H141V  
R108A  
R108Q  
R108G  
Y148I  
G80A  
R112S  
R112A  
H141R  
R108Y  
H141I  
D79A  
H141E  
NTER3XFLAG WT  
R108L  
CTER3XFLAG WT  
A180T  
Q147E  
K129E  
Y157A  
T34G  
D79S  
T34A  
K101R  
T34E  
T34Q