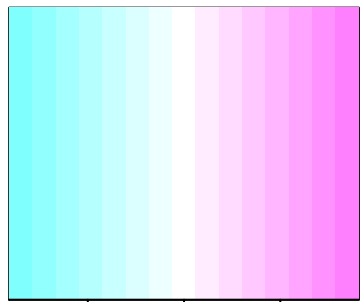
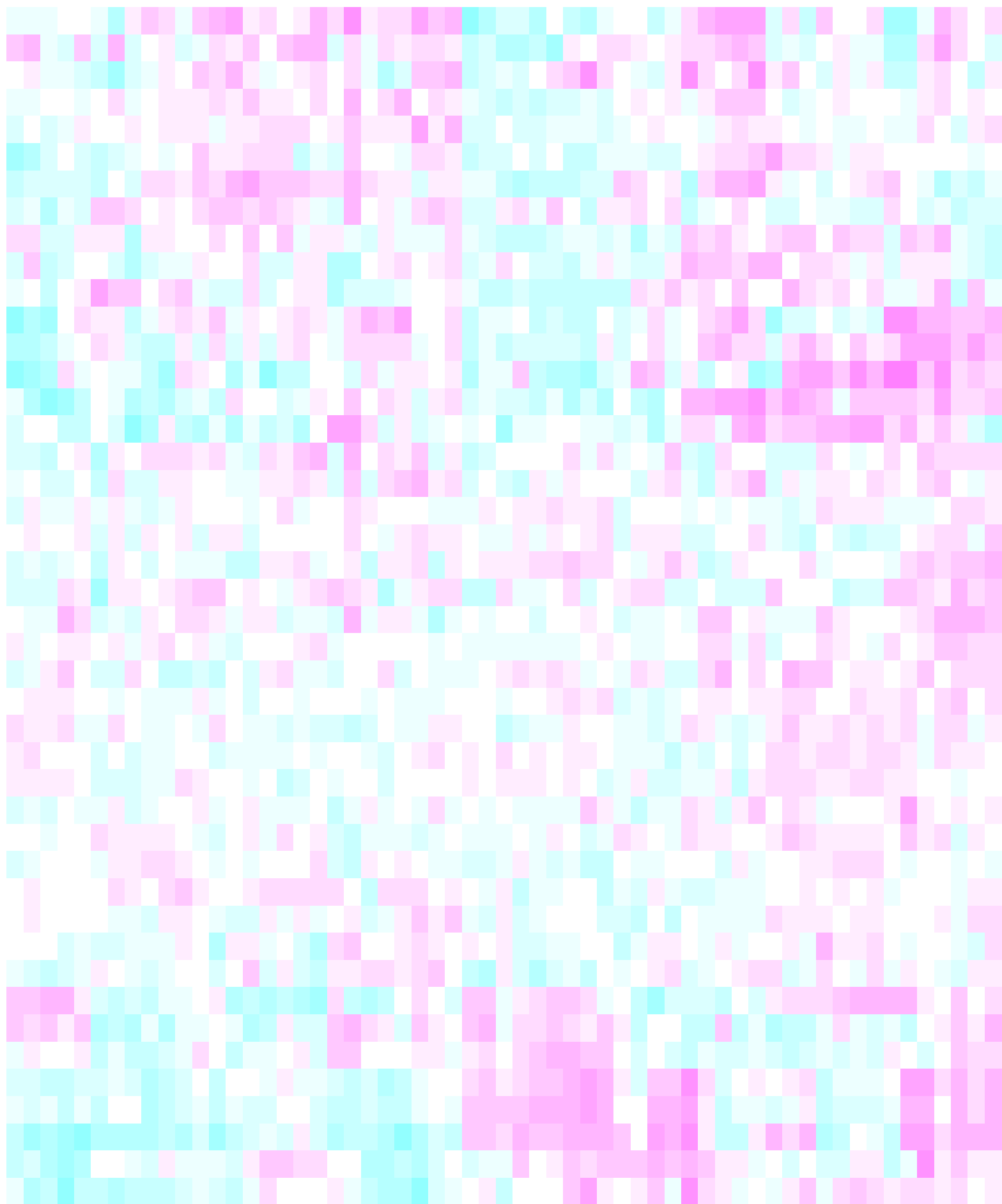
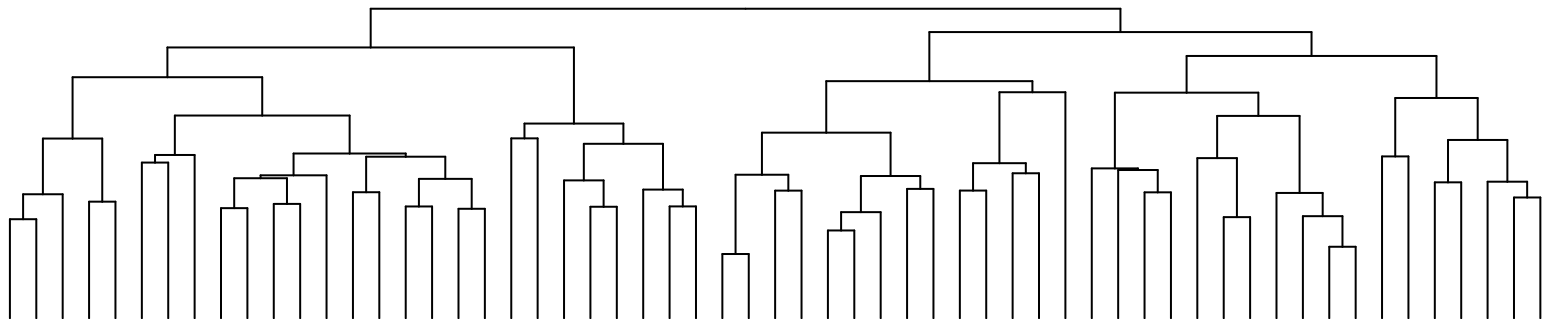


Color Key



-0.5 0 0.5  
mutant

PSE1\_TSQ683



- nuclear transport\_GO\_4
- mitochondrion\_GO\_3
- chromatin\_GO\_1
- Golgi and ER\_GO\_1
- metabolic\_GO\_2
- transcription and mRNA processing\_GO\_4
- nuclear transport\_GO\_9
- nuclear transport\_GO\_7
- cell cycle\_GO\_1
- peroxisome\_GO\_0
- metabolic\_GO\_3
- cell cycle\_GO\_2
- budding\_GO\_3
- nuclear transport\_GO\_10
- transcription and mRNA processing\_GO\_2
- chromatin\_GO\_4
- budding\_GO\_2
- lipids\_GO\_1
- transcription and mRNA processing\_GO\_3
- mitochondrion\_GO\_2
- mitochondrion\_GO\_1
- transcription and mRNA processing\_GO\_6
- cytoskeleton\_GO\_2
- vacuole\_GO\_1
- cell cycle\_GO\_4
- ribosome\_GO\_1
- nuclear transport\_GO\_6
- metabolic\_GO\_1
- nuclear transport\_GO\_2
- nuclear transport\_GO\_1
- chromatin\_GO\_2
- transcription and mRNA processing\_GO\_1
- Golgi and ER\_GO\_2
- lipids\_GO\_2
- nuclear transport\_GO\_8
- transcription and mRNA processing\_GO\_5
- ribosome\_GO\_2
- Golgi and ER\_GO\_3
- nuclear transport\_GO\_5
- budding\_GO\_1
- cytoskeleton\_GO\_1
- cell cycle\_GO\_3
- nuclear transport\_GO\_3
- chromatin\_GO\_3

NTER3XFLAG WT  
CTER3XFLAG WT  
R108L  
R108I  
N105L  
N84Y  
T34N  
K154M  
E115I  
E115A  
Q147L  
R108D  
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F58A  
T34Y  
F58L  
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K129I  
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R112S  
R112A  
R108S  
R108A  
R108Y  
R108G  
R108Q  
H141R  
Y148I  
T139A  
T137G  
K143H  
K169I  
G80A  
K129E  
K129F  
T34D  
A180T  
T34G  
D79S  
D79A  
T34A  
K101R  
T34Q  
T34E  
Y157A  
H141E  
K143Y  
Q147E  
H141I  
K143W  
H141V