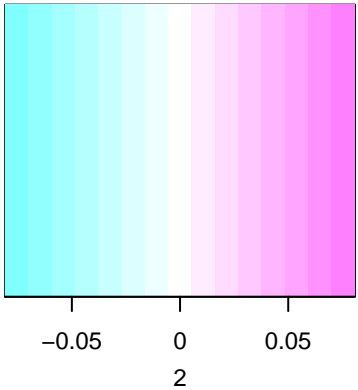
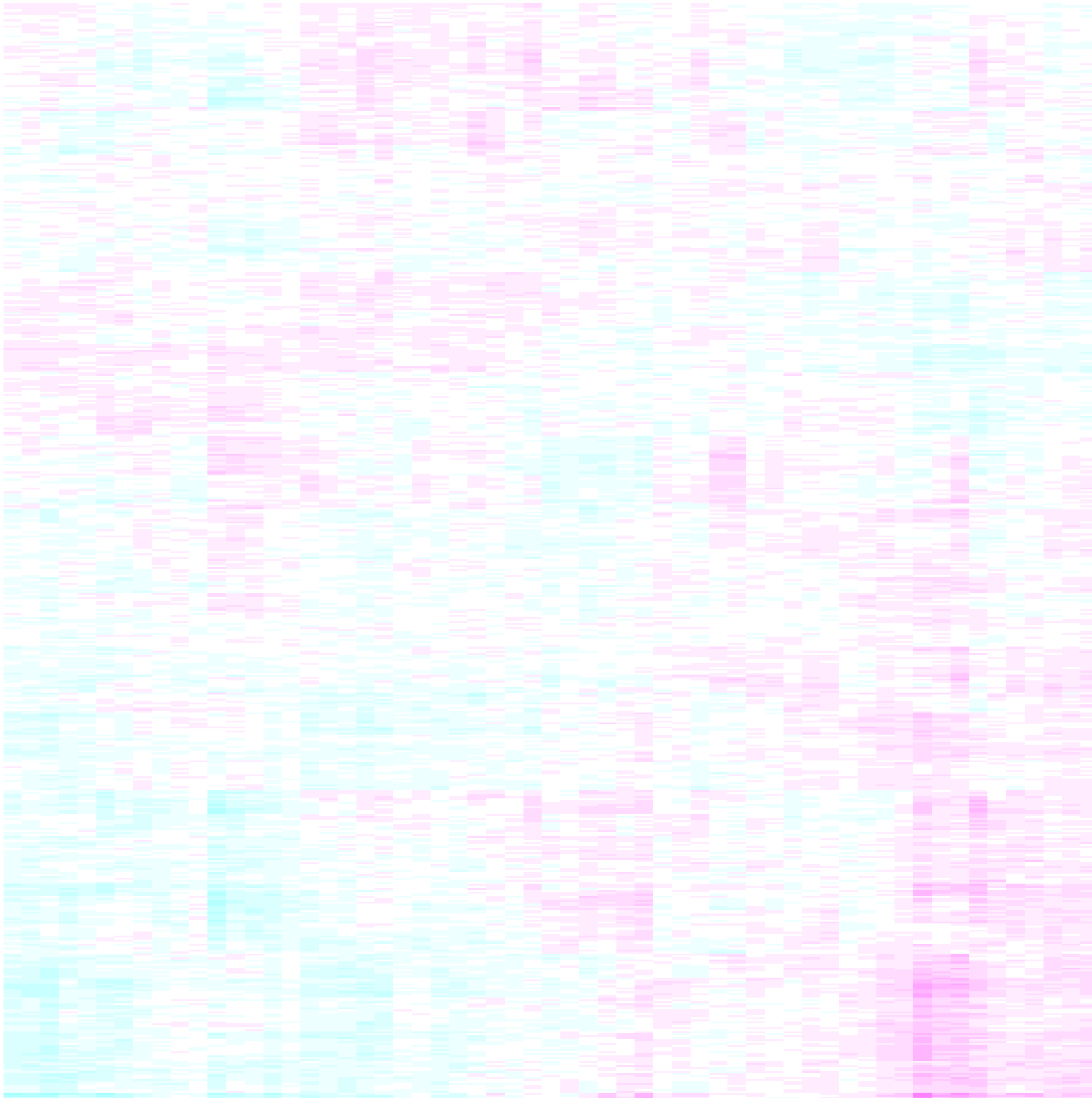
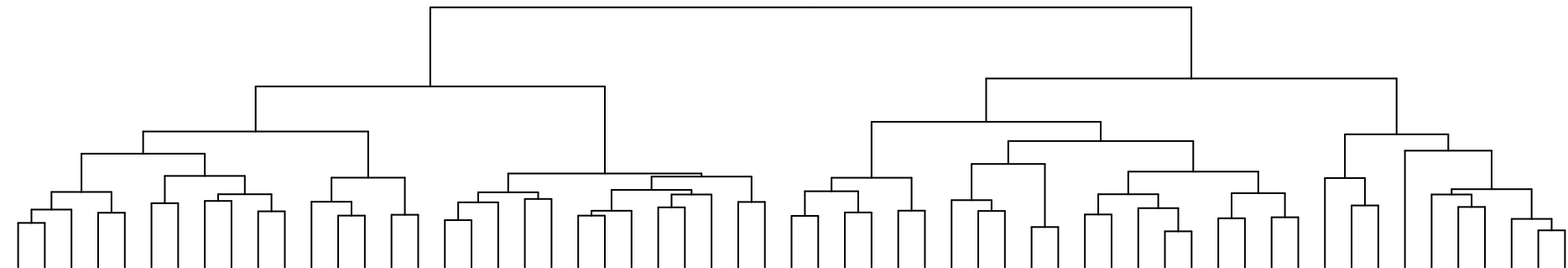


Color Key



All_Partners



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

TSQ168
DAMP
DAMP
DAMP39
TSQ604
TSQ604
TSQ846
AC
69W
8B
TSQ435
A-A
TSQ683
TSQ656
TSQ719
TSQ741
TSQ752
TSQ410
TSQ357
TSQ218
TSQ524
TSQ78
TSQ435
TSQ656
TSQ355
TSQ634
TSQ688
TSQ690
TSQ259
TSQ652
TSQ550
TSQ405
TSQ420
TSQ574
TSQ403
TSQ582
DAMP
TSQ172
TSQ71
DAmP
TSQ136
TSQ136
DAmP
TSQ69
TSQ435
TSQ493
TSQ419
TSQ239
TSQ437
DAmP
TSQ470
TSQ243
69W
TSQ336
TSQ368
TSQ44
TSQ321
DAmP
TSQ237
TSQ515
TSQ844
DAmP
DAmP
DAmP
DAmP
TSQ417