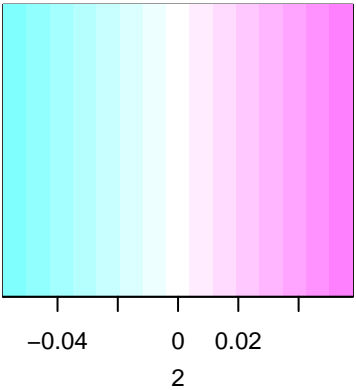
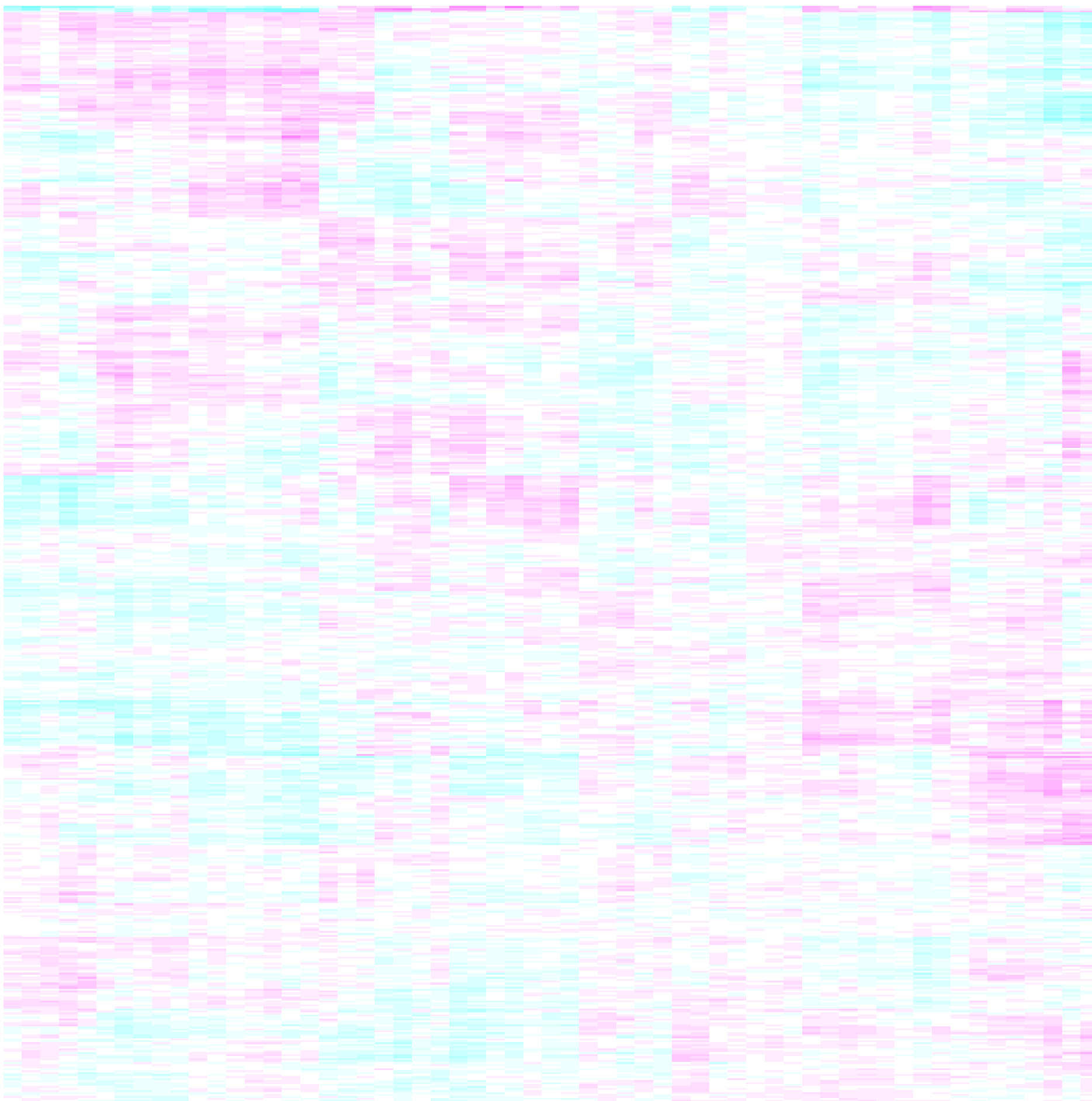
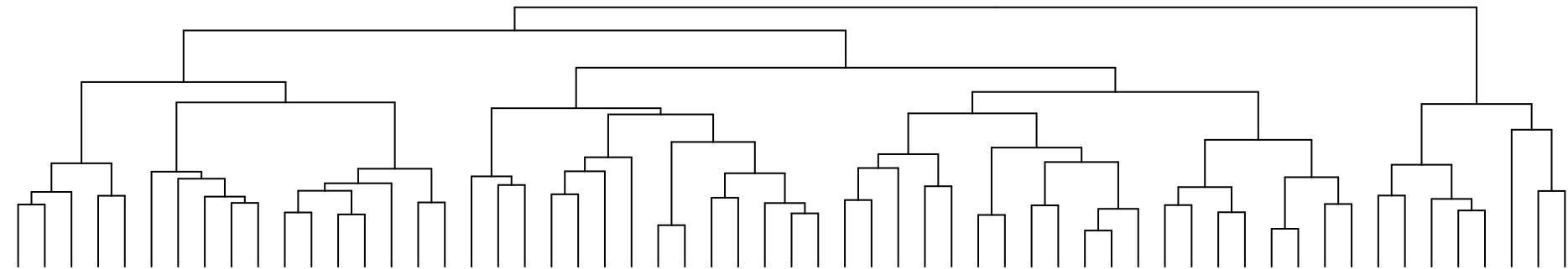


Color Key



All_Partners



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

YB6181W DAmP
2 TSQ188
92
99 TSQ169
8 TSQ169
9 TSQ169
5 TSQ169
5 TSQ144
9
96 TSQ110
9
90W
95A
98C-A-A
99 TSQ581
91 TSQ590
3 TSQ334
1 TSQ524
1 TSQ188
9 TSQ722
8 TSQ833
5 TSQ338
1 TSQ470
9 TSQ445
96C
97 DAmP
93
95 TSQ714
95 TSQ714
98 TSQ957
-A DAmP
92 TSQ550
9A DAmP
98C
90
96 TSQ958
97 TSQ836
91
96 TSQ739
98 DAmP
9A
98 TSQ5604
9A DAmP
9A
98 TSQ718
9 TSQ846
90
9 TSQ78
9 TSQ694
9A DAmP
9A DAmP
92 TSQ237
9A DAmP
9 TSQ495
94 DAmP
9A DAmP
9 TSQ5604
9 TSQ5604
9 TSQ5604
9A
9A
99W
9 TSQ303
9 TSQ187
92 TSQ166
98C
9 TSQ251
9A DAmP
910W
97B TSQ48
9B DAmP
9B DAmP
97 DAmP
9 TSQ994
9 TSQ2752
9 TSQ473
90 TSQ208
9 TSQ840