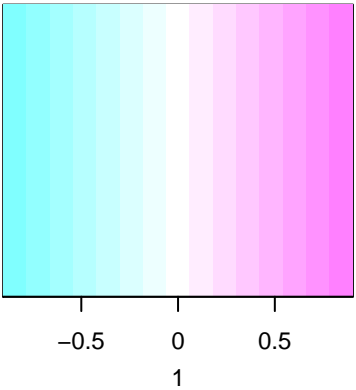
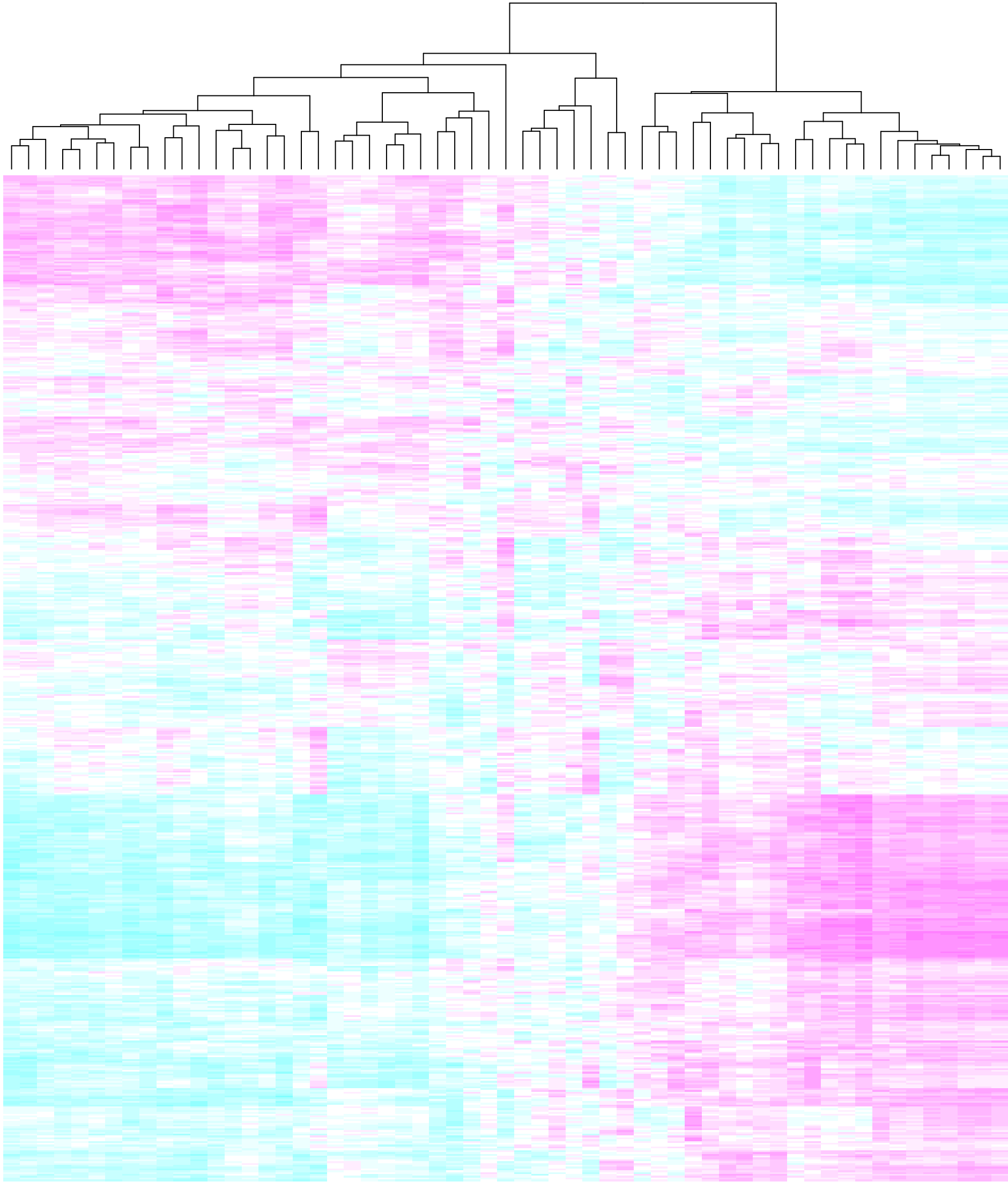


Color Key



All_Partners



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

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