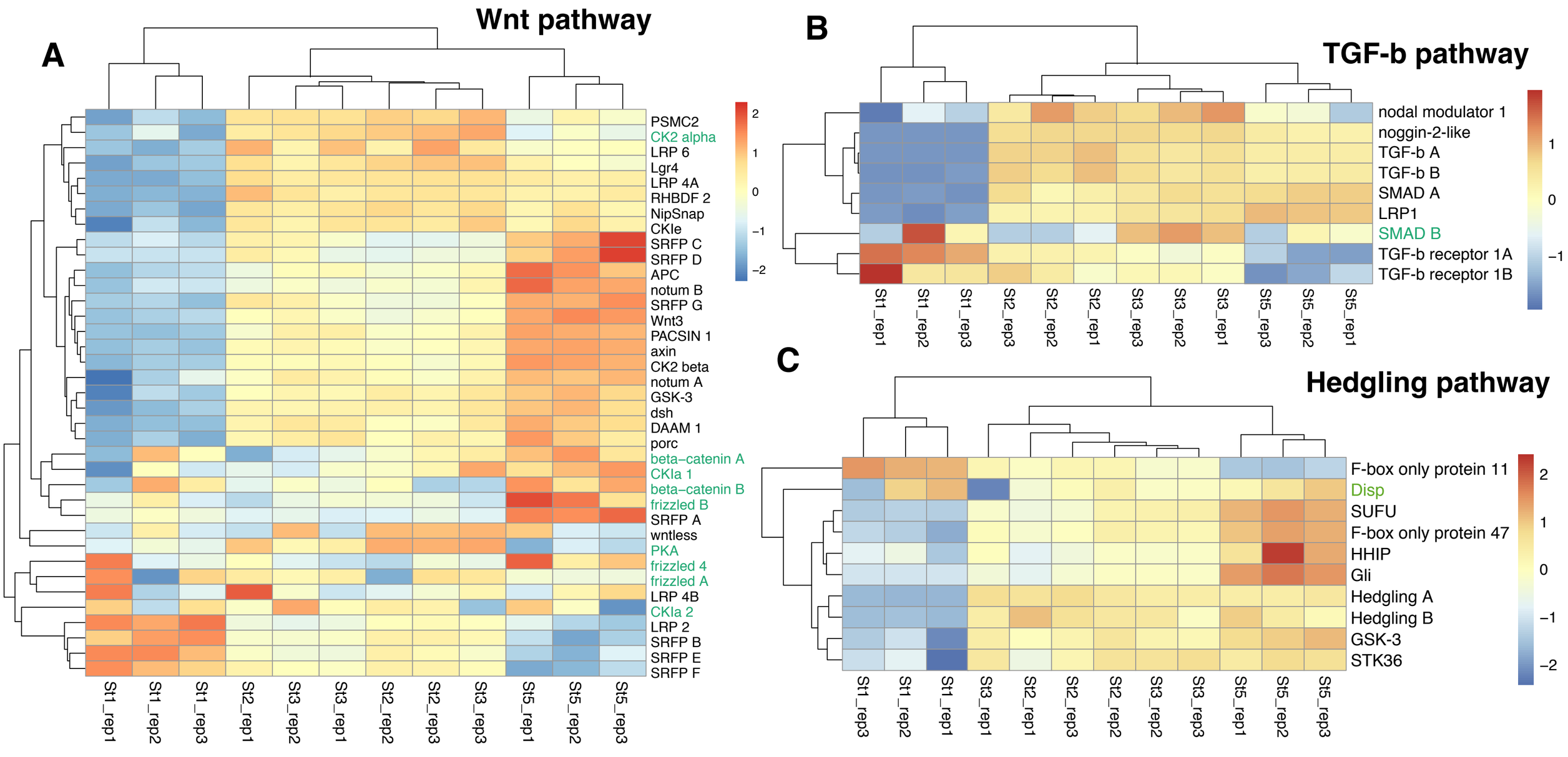
A
Wnt pathway
PSMC2
CK2 alpha
LRP 6
Lgr4
LRP 4A
RHBDF 2
NipSnap
CKIe
SRFP C
SRFP D
APC
notum B
SRFP G
Wnt3
PACSIN 1
axin
CK2 beta
notum A
GSK-3
dsh
DAAM 1
porc
beta−catenin A
CKIa 1
beta−catenin B
frizzled B
SRFP A
wntless
PKA
frizzled 4
frizzled A
LRP 4B
CKIa 2
LRP 2
SRFP B
SRFP E
SRFP F
St1_rep1
St1_rep2
St1_rep3
St2_rep1
St3_rep2
St3_rep1
St2_rep2
St2_rep3
St3_rep3
St5_rep1
St5_rep2
St5_rep3
2
1
0
−1
−2
B
TGF-b pathway
nodal modulator 1
noggin-2-like
TGF-b A
TGF-b B
SMAD A
LRP1
SMAD B
TGF-b receptor 1A
TGF-b receptor 1B
St1_rep1
St1_rep2
St1_rep3
St2_rep3
St2_rep2
St2_rep1
St3_rep3
St3_rep2
St3_rep1
St5_rep3
St5_rep2
St5_rep1
1
0
−1
C
Hedgling pathway
F-box only protein 11
Disp
SUFU
F-box only protein 47
HHIP
Gli
Hedgling A
Hedgling B
GSK-3
STK36
St1_rep3
St1_rep2
St1_rep1
St3_rep1
St2_rep1
St2_rep3
St2_rep2
St3_rep2
St3_rep3
St5_rep1
St5_rep2
St5_rep3
2
1
0
−1
−2