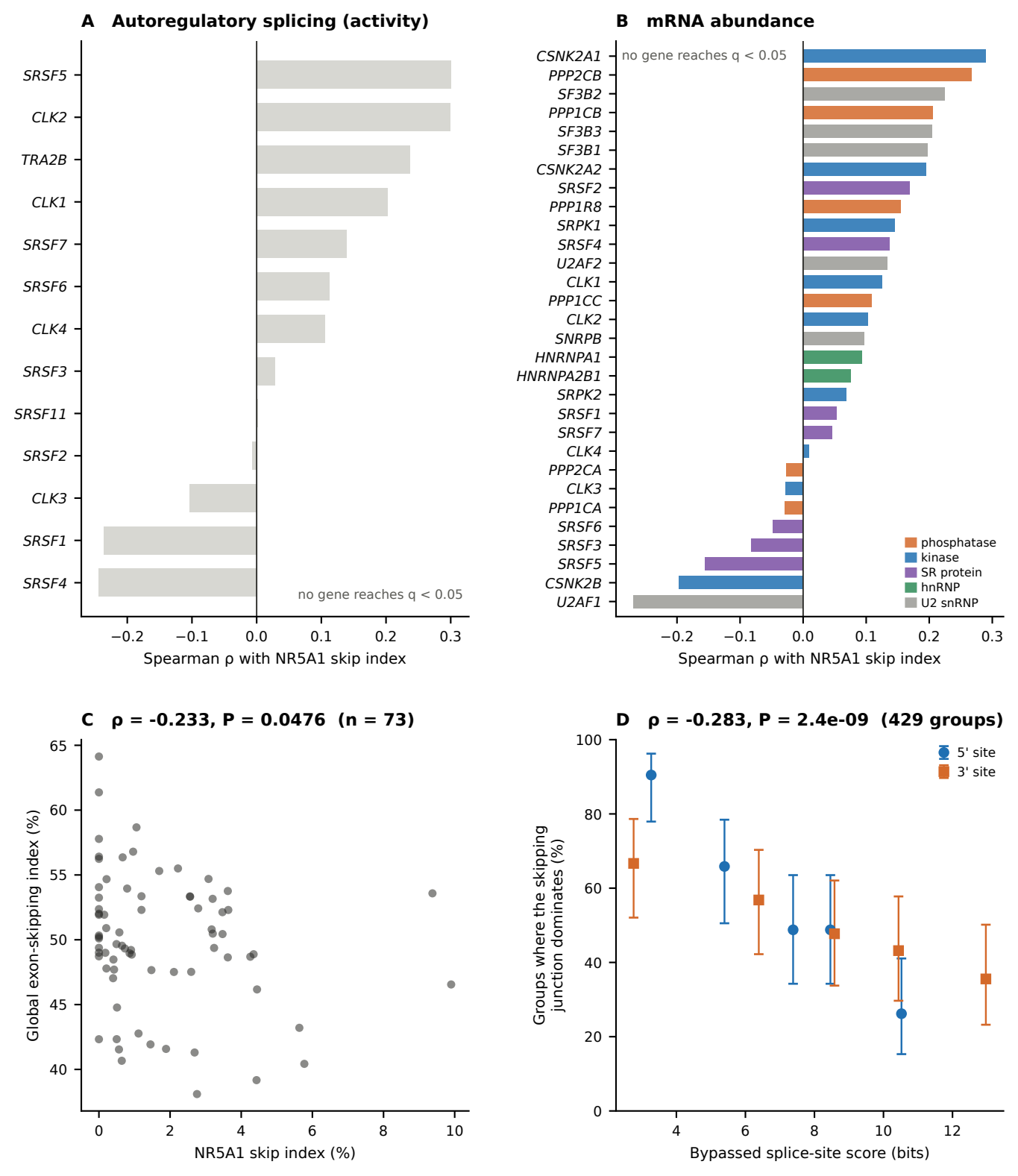

A Autoregulatory splicing (activity)
SRSF5
CLK2
TRA2B
CLK1
SRSF7
SRSF6
CLK4
SRSF3
SRSF11
SRSF2
CLK3
SRSF1
SRSF4
no gene reaches q < 0.05
−0.2
−0.1
0.0
0.1
0.2
0.3
Spearman ρ with NR5A1 skip index
B mRNA abundance
CSNK2A1
PPP2CB
SF3B2
PPP1CB
SF3B3
SF3B1
CSNK2A2
SRSF2
PPP1R8
SRPK1
SRSF4
U2AF2
CLK1
PPP1CC
CLK2
SNRPB
HNRNPA1
HNRNPA2B1
SRPK2
SRSF1
SRSF7
CLK4
PPP2CA
CLK3
PPP1CA
SRSF6
SRSF3
SRSF5
CSNK2B
U2AF1
no gene reaches q < 0.05
phosphatase
kinase
SR protein
hnRNP
U2 snRNP
−0.2
−0.1
0.0
0.1
0.2
0.3
Spearman ρ with NR5A1 skip index
C ρ = -0.233, P = 0.0476 (n = 73)
Global exon-skipping index (%)
65
60
55
50
45
40
0
2
4
6
8
10
NR5A1 skip index (%)
D ρ = -0.283, P = 2.4e-09 (429 groups)
Groups where the skipping junction dominates (%)
100
80
60
40
20
0
5' site
3' site
4
6
8
10
12
Bypassed splice-site score (bits)