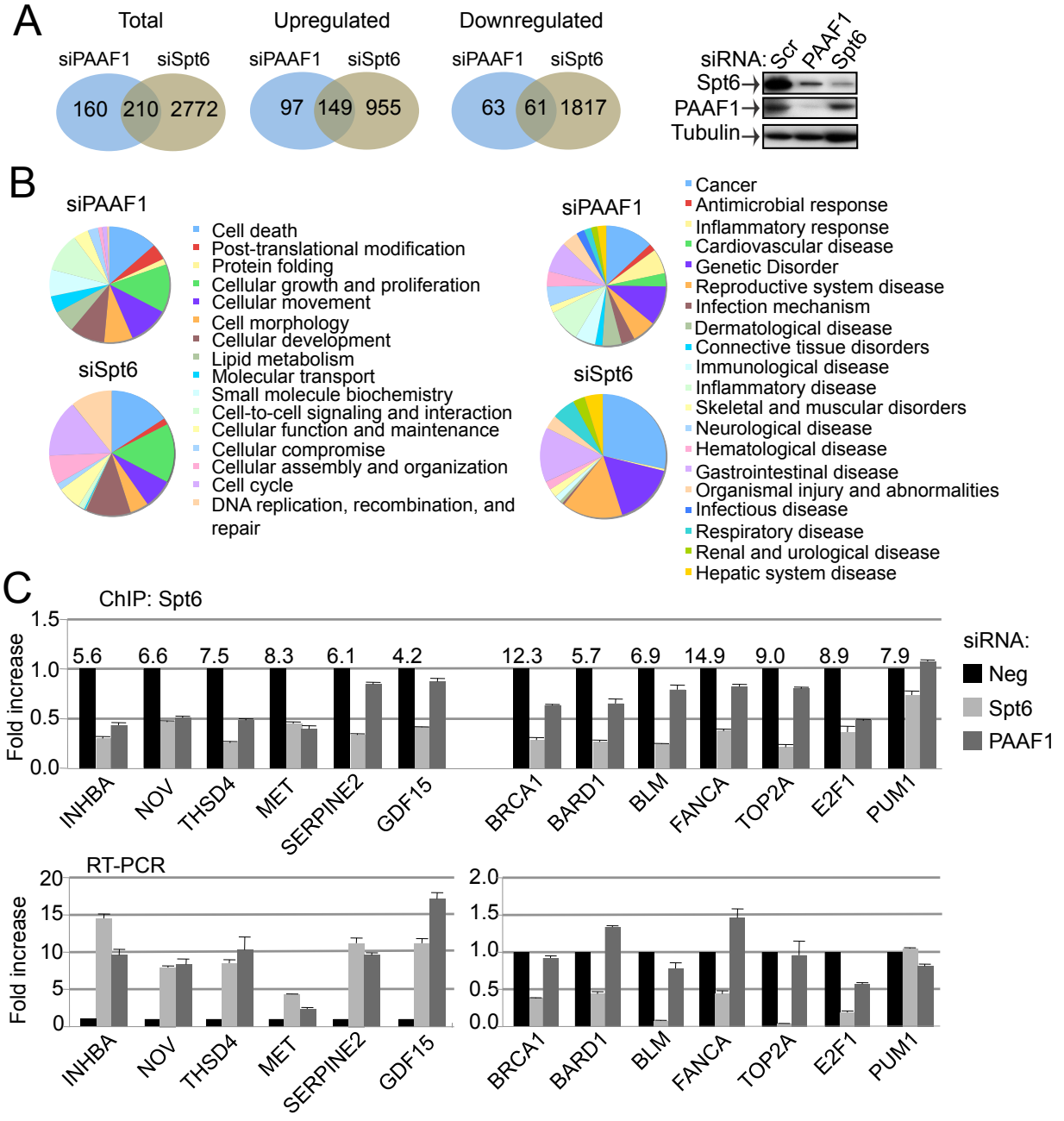
A
Total
siPAAF1
siSpt6
160
210
2772
Upregulated
siPAAF1
siSpt6
97
149
955
Downregulated
siPAAF1
siSpt6
63
61
1817
siRNA: Scr PAAF1 Spt6
Spt6
PAAF1
Tubulin
B
siPAAF1
siSpt6
Cell death
Post-translational modification
Protein folding
Cellular growth and proliferation
Cellular movement
Cell morphology
Cellular development
Lipid metabolism
Molecular transport
Small molecule biochemistry
Cell-to-cell signaling and interaction
Cellular function and maintenance
Cellular compromise
Cellular assembly and organization
Cell cycle
DNA replication, recombination, and repair
siPAAF1
siSpt6
Cancer
Antimicrobial response
Inflammatory response
Cardiovascular disease
Genetic Disorder
Reproductive system disease
Infection mechanism
Dermatological disease
Connective tissue disorders
Immunological disease
Inflammatory disease
Skeletal and muscular disorders
Neurological disease
Hematological disease
Gastrointestinal disease
Organismal injury and abnormalities
Infectious disease
Respiratory disease
Renal and urological disease
Hepatic system disease
C
ChIP: Spt6
Fold increase
1.5
1.0
0.5
0.0
5.6
6.6
7.5
8.3
6.1
4.2
12.3
5.7
6.9
14.9
9.0
8.9
7.9
INHBA
NOV
THSD4
MET
SERPINE2
GDF15
BRCA1
BARD1
BLM
FANCA
TOP2A
E2F1
PUM1
siRNA:
Neg
Spt6
PAAF1
RT-PCR
Fold increase
20
15
10
5
0
2.0
1.5
1.0
0.5
0.0
INHBA
NOV
THSD4
MET
SERPINE2
GDF15
BRCA1
BARD1
BLM
FANCA
TOP2A
E2F1
PUM1