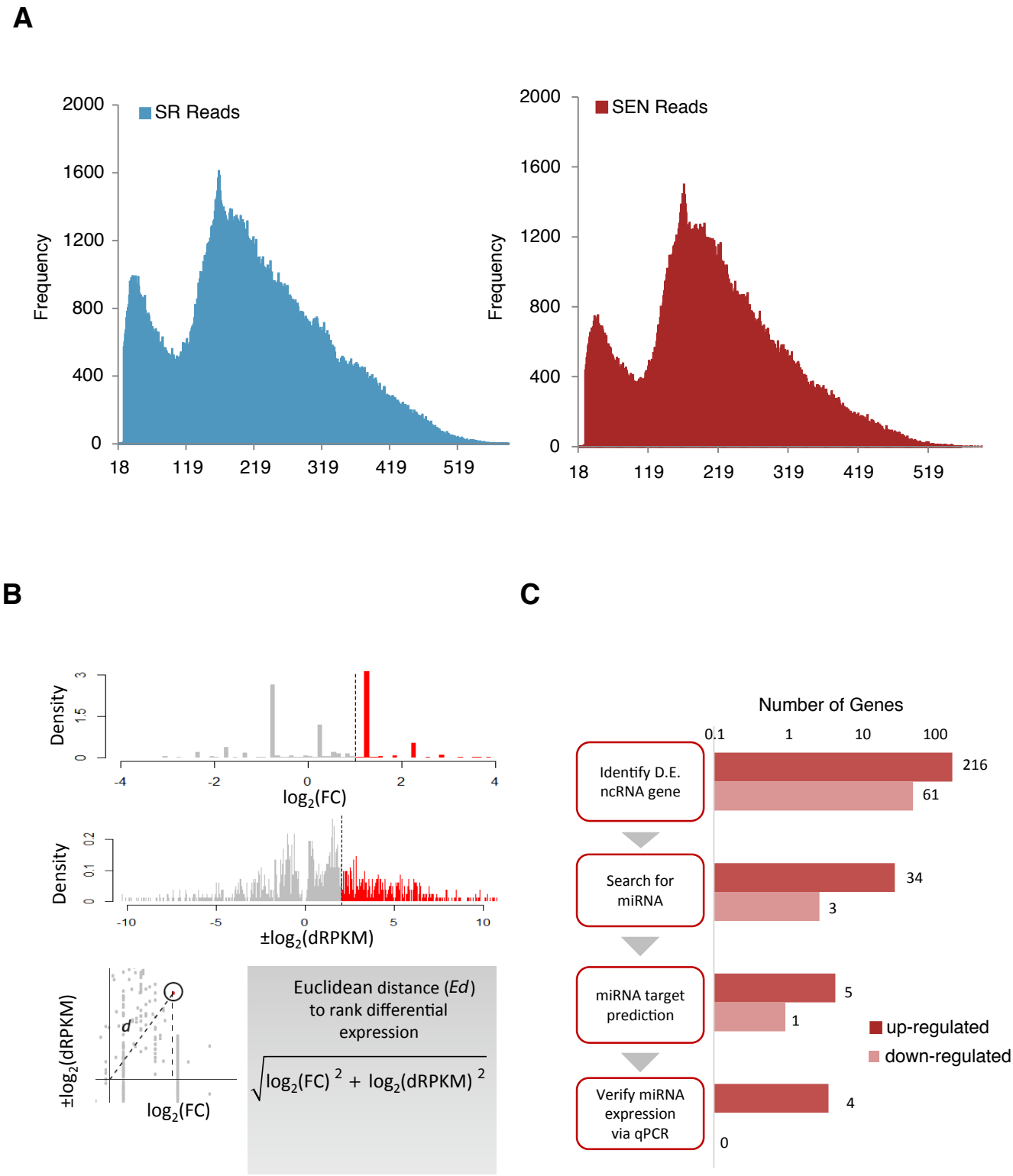
A
SR Reads
SEN Reads
Frequency
2000
1600
1200
800
400
0
18
119
219
319
419
519
B
Density
log2(FC)
±log2(dRPKM)
Euclidean distance (Ed) to rank differential expression
$\sqrt{\log_2(FC)^2 + \log_2(dRPKM)^2}$
C
Number of Genes
0.1
1
10
100
Identify D.E. ncRNA gene
Search for miRNA
miRNA target prediction
Verify miRNA expression via qPCR
216
61
34
3
5
1
4
0
up-regulated
down-regulated

Supl. Fig. 3