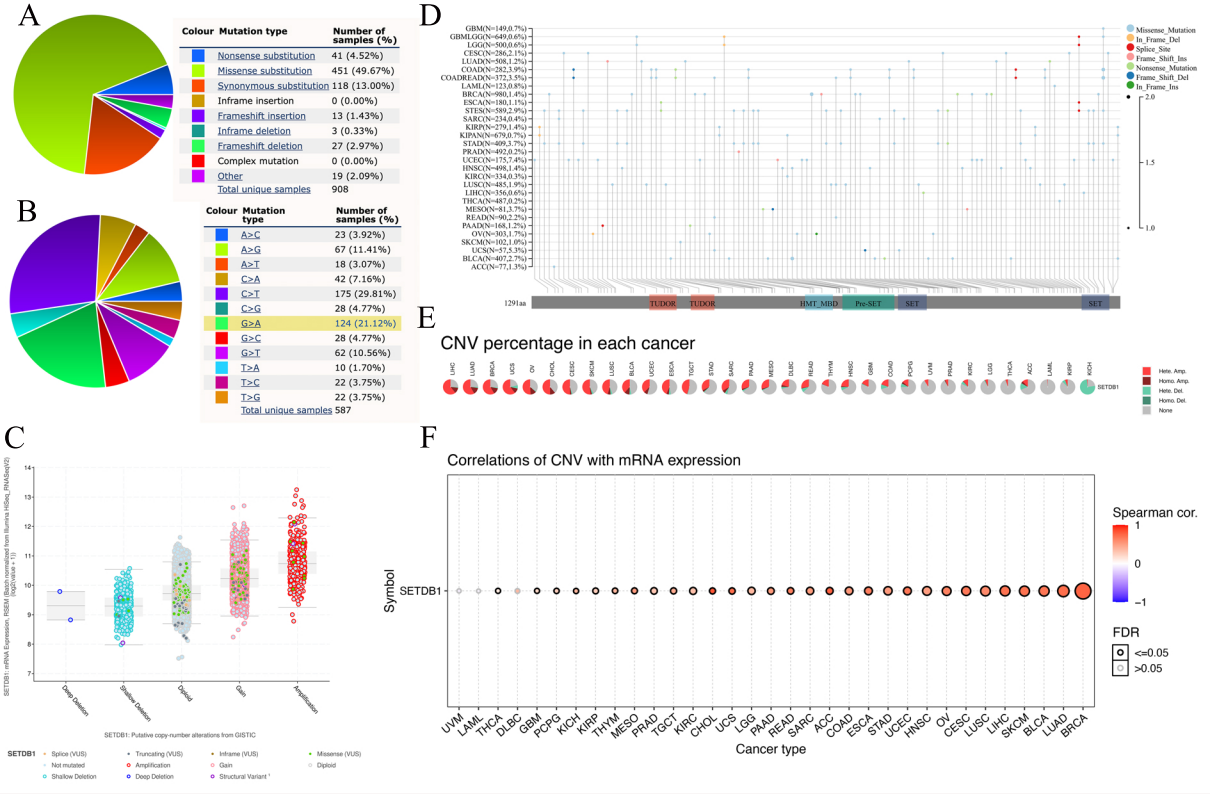
A
Colour Mutation type Number of samples (%)
Nonsense substitution 41 (4.52%)
Missense substitution 451 (49.67%)
Synonymous substitution 118 (13.00%)
Inframe insertion 0 (0.00%)
Frameshift insertion 13 (1.43%)
Inframe deletion 3 (0.33%)
Frameshift deletion 27 (2.97%)
Complex mutation 0 (0.00%)
Other 19 (2.09%)
Total unique samples 908
B
Colour Mutation type Number of samples (%)
A>C 23 (3.92%)
A>G 67 (11.41%)
A>T 18 (3.07%)
C>A 42 (7.16%)
C>T 175 (29.81%)
C>G 28 (4.77%)
G>A 124 (21.12%)
G>C 28 (4.77%)
G>T 62 (10.56%)
T>A 10 (1.70%)
T>C 22 (3.75%)
T>G 22 (3.75%)
Total unique samples 587
D
GBM(N=149,0.7%)
GBMLGG(N=649,0.6%)
LGG(N=500,0.6%)
CESC(N=286,2.1%)
LUAD(N=508,1.2%)
COAD(N=282,3.9%)
COADREAD(N=372,3.5%)
LAML(N=123,0.8%)
BRCA(N=980,1.4%)
ESCA(N=180,1.1%)
STES(N=589,2.9%)
SARC(N=234,0.4%)
KIRP(N=279,1.4%)
KIPAN(N=679,0.7%)
STAD(N=409,3.7%)
PRAD(N=492,0.2%)
UCEC(N=175,7.4%)
HNSC(N=498,1.4%)
KIRC(N=334,0.3%)
LUSC(N=485,1.9%)
LIHC(N=356,0.6%)
THCA(N=487,0.2%)
MESO(N=81,3.7%)
READ(N=90,2.2%)
PAAD(N=168,1.2%)
OV(N=303,1.7%)
SKCM(N=102,1.0%)
UCS(N=57,5.3%)
BLCA(N=407,2.7%)
ACC(N=77,1.3%)
Missense_Mutation
In_Frame_Del
Splice_Site
Frame_Shift_Ins
Nonsense_Mutation
Frame_Shift_Del
In_Frame_Ins
2.0
1.5
1.0
1291aa
TUDOR
TUDOR
HMT_MBD
Pre-SET
SET
SET
E
CNV percentage in each cancer
LIHC LUAD BRCA UCS OV CHOL CESC SKCM LUSC BLCA UCEC ESCA TGCT STAD SARC PRAD MESO DLBC READ THYM HNSC GBM COAD PCPG UVM PRAD KIRC LGG THCA ACC LAML KIRP KICH
SETDB1
Hete. Amp.
Homo. Amp.
Hete. Del.
Homo. Del.
None
C
SETDB1 - mRNA Expression, RSEM (Batch normalized from Illumina HiSeq_RNASeqV2) (log2(value + 1))
14
13
12
11
10
9
8
7
Deep Deletion
Shallow Deletion
Diploid
Gain
Amplification
SETDB1: Putative copy-number alterations from GISTIC
SETDB1
Splice (VUS)
Truncating (VUS)
Inframe (VUS)
Missense (VUS)
Not mutated
Amplification
Gain
Diploid
Shallow Deletion
Deep Deletion
Structural Variant
F
Correlations of CNV with mRNA expression
Symbol
SETDB1
Spearman cor.
1
0
−1
FDR
<=0.05
>0.05
UVM LAML THCA DLBC GBM PCPG KICH KIRP THYM MESO PRAD TGCT KIRC CHOL UCS LGG PAAD READ SARC ACC COAD ESCA STAD UCEC HNSC OV CESC LUSC LIHC SKCM BLCA LUAD BRCA
Cancer type