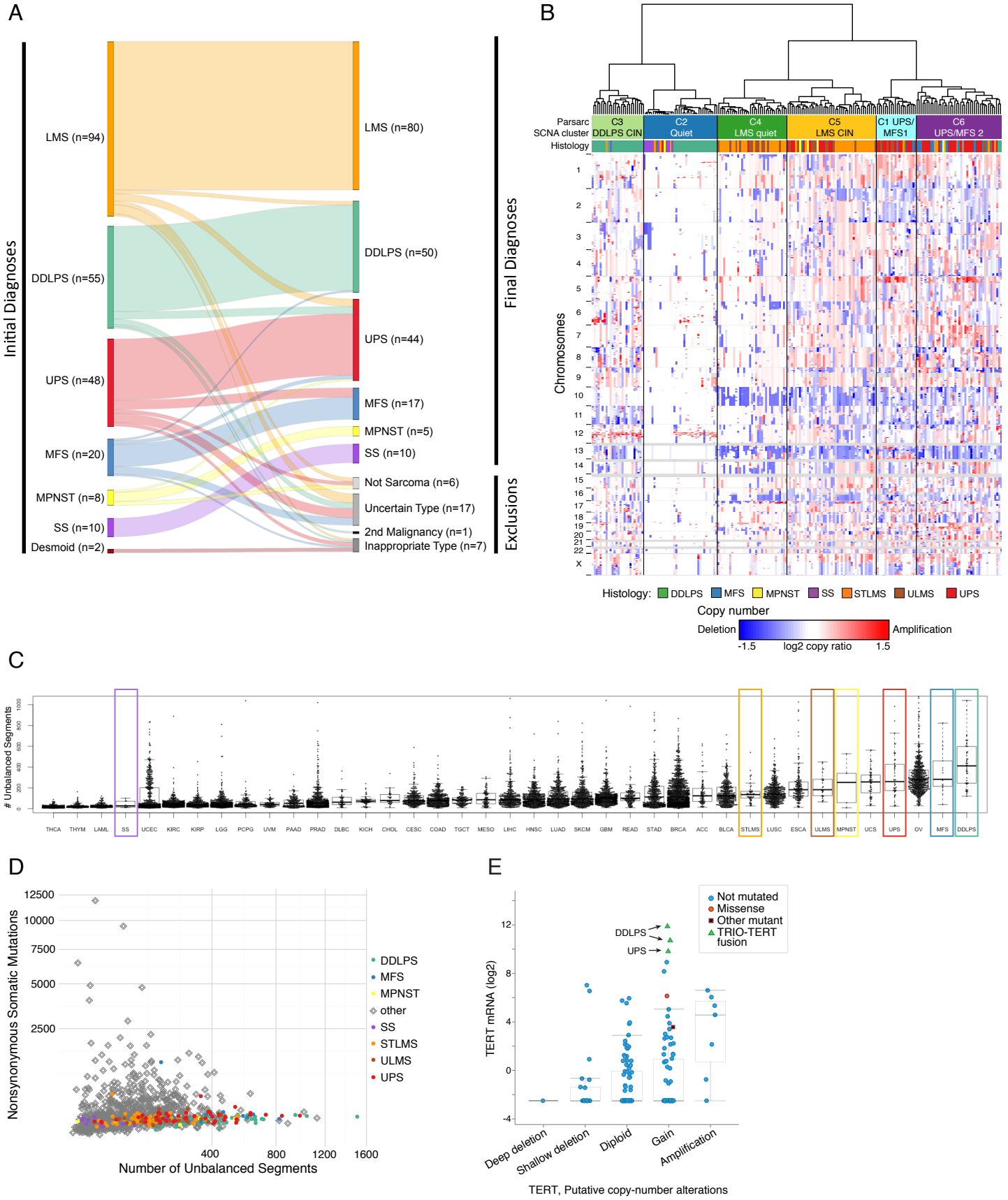
Figure S1


A
Initial Diagnoses
LMS (n=94)
DDLPS (n=55)
UPS (n=48)
MFS (n=20)
MPNST (n=8)
SS (n=10)
Desmoid (n=2)
Final Diagnoses
LMS (n=80)
DDLPS (n=50)
UPS (n=44)
MFS (n=17)
MPNST (n=5)
SS (n=10)
Exclusions
Not Sarcoma (n=6)
Uncertain Type (n=17)
2nd Malignancy (n=1)
Inappropriate Type (n=7)
B
Parsarc
SCNA cluster
Histology
C3 DDLPS CIN
C2 Quiet
C4 LMS quiet
C5 LMS CIN
C1 UPS/ MFS1
C6 UPS/MFS 2
Chromosomes
Histology: DDLPS MFS MPNST SS STLMS ULMS UPS
Copy number
Deletion
Amplification
-1.5
log2 copy ratio
1.5
C
Unbalanced Segments
THCA THYM LAML SS UCEC KIRC KIRP LGG PCPG UVM PAAD PRAD DLBC KICH CHOL CESC COAD TGCT MESO LIHC HNSC LUAD SKCM GBM READ STAD BRCA ACC BLCA STLMS LUSC ESCA ULMS MPNST UCS UPS OV MFS DDLPS
D
Nonsynonymous Somatic Mutations
12500
10000
7500
5000
2500
400
800
1200
1600
Number of Unbalanced Segments
DDLPS
MFS
MPNST
other
SS
STLMS
ULMS
UPS
E
Not mutated
Missense
Other mutant
TRIO-TERT fusion
DDLPS
UPS
TERT mRNA (log2)
12
8
4
0
-4
Deep deletion
Shallow deletion
Diploid
Gain
Amplification
TERT, Putative copy-number alterations