FAFDF 2020–02–19 01:00:00 evoverse CNA/ mutation report: My Sample Input purity 0.89; CNAqc ploidy 4 (2:2 karyotype) Major/ minor allele Chromosome 13141 mutations, 267 clonal CNA, 0 subclonal CNA **Purity/ploidy QC**: $\rho = 0.004689562 \ (\epsilon = 0.025)$ Karyotype 2:1 Karyotype 2:2 w = 0.086 (n = 1563) w = 0.414 (n = 7478)Щ О 2 -0.25 0.50 0.75 0.25 0.00 1.00 0.00 0.50 0.75 VAF VAF Cancer Cell Fractions (estimated) NA in [0.63; 0.72] CCF for 2:0 Mutation multiplicity Assignments (NA = 0)800 0.75 Density (76x) 0.10 Profile 0.50 0.05 0.25 40 0.00 0.00 0.6 CCF 0.3 0.9 0.50 Entropy H(x) 0.0 0.00 0.25 0.75 0.25 VAF Copies ■ 1 ■ 2 Copies ■ 1 ■ 2 Copies ■ 1 ■ 2 NA in [0.42; 0.5] Assignments (NA = 22) CCF for 2:1 Mutation multiplicity 1.00 0.04 Density (111x) 0.75 0.03 Density 0.02 Profile 0.50 400 0.25 0.01 0.01 الروار المرجوع والمحاط 0.00 0.00 0.00 800 0.50 **VAF** 0.25 1.00 0.0 1.0 0.00 0.75 0.00 0.25 0.50 0.75 1.00 CCF Entropy H(x) Copies 1 2 NA Copies ■ 1 ■ 2 Copies 1 2 NA CCF for 2:2 Mutation multiplicity NA in [0.29; 0.37] Assignments (NA = 158) 0 0.08 1.00 0.04 Density (141x) 0.75 0.03 Density 0.02 Profile 0.50 0.02 0.01 0.25 4000 0.00 0.00 0.00 1.0 CCF 0.50 **VAF** 0.50 Entropy H(x) 0.0 0.5 1.5 2.0 0.00 0.25 0.75 1.00 0.00 0.25 0.75 1.00 Copies 1 2 NA Copies 1 2 NA Copies ■ 1 ■ 2 D 2 overfragmented arms (Bonferroni alpha = 0.005) Segments jumps Short segments (<20%) jumps (logscale)

0

10

Long segments (>20%)

15

Fragmented • FALSE • TRUE

 $-\log(p) \bullet 0 \bullet 5 \bullet 10$

 chr5p

 chr6p

 chr6p

 chr6p

 chr6p

 chr6p

 chr7p

 chr3p

 chr3p

 chr3p

 chr3p

 chr3p

 chr3p

 chr3p

 chr1p

 chr1p

 chr1p

 chr1p

 chr1p

 chr1p

 chr1p

 chr1p

 chr2p

 chr2p