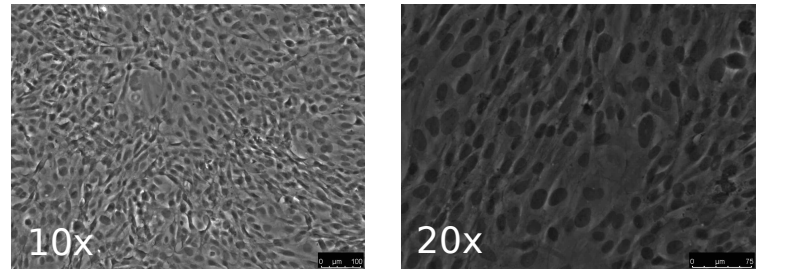


NF90-8

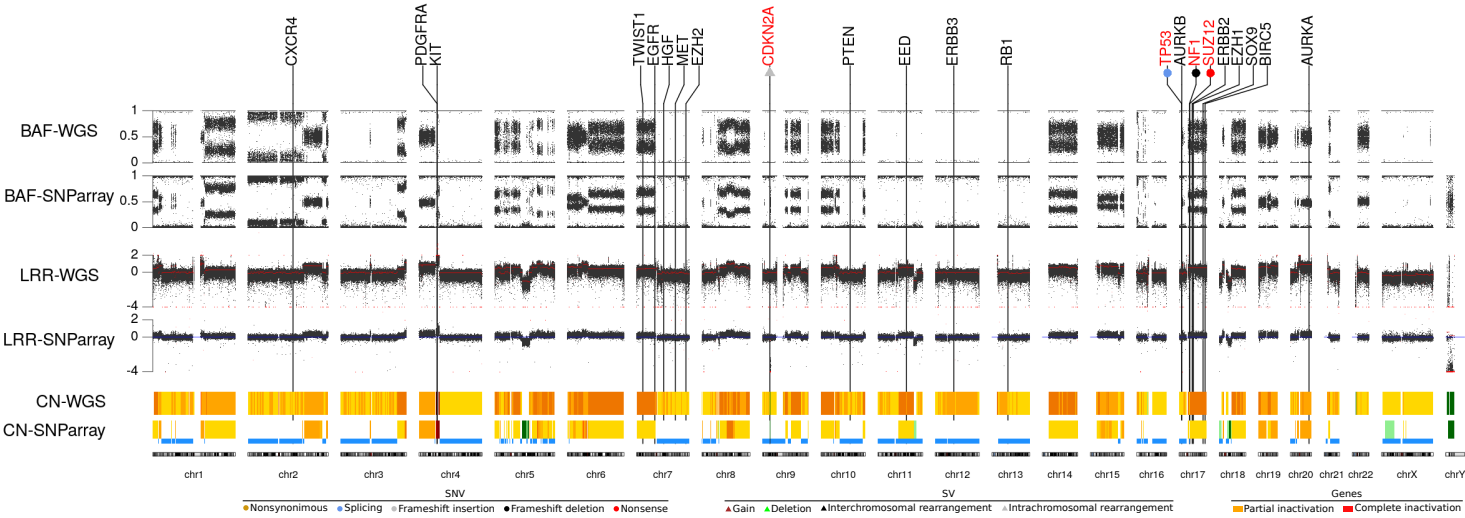
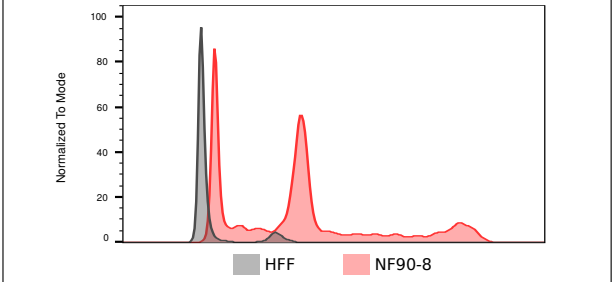
RRID:CVCL_1B47

NF1
Female, 17yo

Phenotype



Ploidy



Genes

Tumor Suppressor		Membrane Receptors		Transcription factors & other	
NF1	c.3904_3910del;LOH	EGFR		BIRC5	
CDKN2A	Homozygous deletion	ERBB2		TWIST1	
SUZ12	c.T1290A;LOH	ERBB3		SOX9	
EED		PDGFRA		AURKA	
TP53	c.96+1G>A;LOH	KIT		AURKB	
PTEN		MET			
RB1		HGF			
		CXCR4			

STR

D8S1179	10, 12
D21S11	30
D7S820	11
CSF1PO	12
D3S1358	15
TH01	6
D13S317	8
D16S539	9
D2S11338	16, 24
D19S433	13, 16
vWA	17
TPOX	11
D18S51	14, 18
AMEL	X
D5S818	11
FGA	25

Methylome class
MPNST

Marker expression
SOX9: Positive SOX10: Negative S100B: Negative

Additional alterations:

Additional information:

Aliases: MPNST 90-8; 90-8TL; 90-8-TL; 90-8; NF190-8

Original publication: Legius E, Dierick H, Wu R, Hall BK, Marynen P, Cassiman JJ, Glover TW. TP53 mutations are frequent in malignant NF1 tumors. Genes Chromosomes Cancer. 1994 Aug;10(4):250-5. <https://doi.org/10.1002/gcc.2870100405>