

Identification

Sample	
Barcode	GEP-BC-001
# sample	
Center	Genexpath
Laboratory	Genexpath Démo
Kits	SarcomaFusion - 48 analyses SarcomaFusion - 13-07-2023

Further information	
User	Laurine BECQUET
Process date	9/9/2024, 1:59:01 PM
Application version	v1.3.0CE
Compute application version	
Internal reference	Démo SarcomaFusion

Quality control

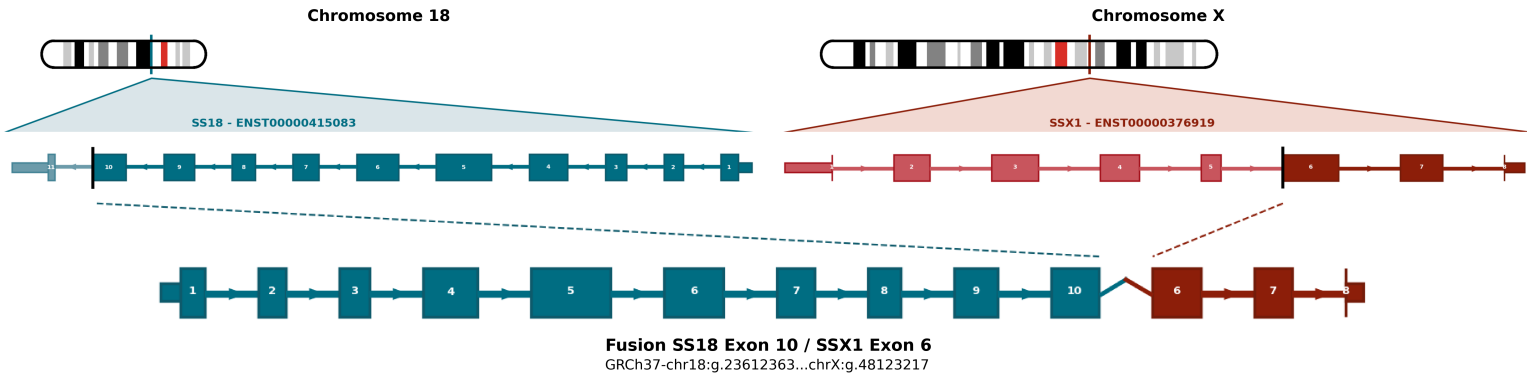
Quality control SarcomaFusion - 48 analyses SarcomaFusion - 13-07-2023	
Number of reads	200855
Number of UMI	4279
Amplification factor	46.9
Informativity	
91.3%	

Quality control GAPDH	
Number of reads	173295
Number of UMI	6383
Amplification factor	27.1
Informativity GAPDH	
94.9%	

Results

	Fusion	Number of reads	Number of UMI	Amplification factor	References
✓	SS18E10G-SSXE6D	182433	2205	82.7	10 references

Fusion : SS18E10G-SSXE6D



Bibliographic report

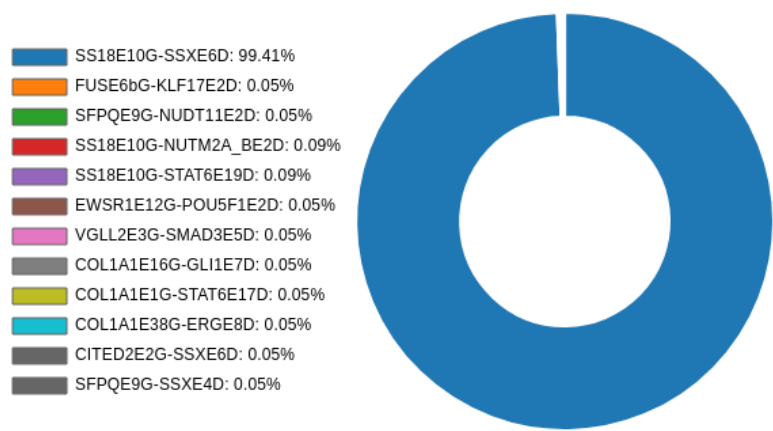
Bibliographic report for SS18E10G-SSXE6D fusion

Name	Reference
SS18/SSX	Gene expression profiles relate to SS18/SSX fusion type in synovial sarcoma. Int J Cancer
SS18/SSX	Fusion of SYT to two genes, SSX1 and SSX2, encoding proteins with homology to the Kruppel-associated box in human synovial sarcoma. EMBO J
SS18/SSX	Identification of two alternative fusion genes, SYT-SSX1 and SYT-SSX2, in t(X;18)(p11.2;q11.2)-positive synovial sarcomas. Hum Mol Genet
SS18/SSX	Detection of the SYT-SSX fusion transcripts in formaldehyde-fixed, paraffin-embedded tissue: a reverse transcription polymerase chain reaction amplification assay useful in the diagnosis of synovial sarcoma. Mod Pathol
SS18/SSX	Clinical impact of molecular and cytogenetic findings in synovial sarcoma. Genes Chromosomes Cancer
SS18/SSX	Epithelioid sarcoma with SYT-SSX1 fusion gene expression: molecular and cytogenetic analysis. Cancer Genet Cytogenet
SS18/SSX	Recurrent and novel SS18-SSX fusion transcripts in synovial sarcoma: description of three new cases. Tumour Biol
SS18/SSX	Three cases of synovial sarcoma of gastric wall: A case report and review of the literature. Pathol Res Pract
SS18/SSX	Molecular detection of SS18-SSX fusion gene transcripts by cRNA in situ hybridization in synovial sarcoma using formalin-fixed, paraffin-embedded tumor tissue specimens. Diagn Mol Pathol
SS18/SSX	Detection of SS18-SSX fusion transcripts in formalin-fixed paraffin-embedded neoplasms: analysis of conventional RT-PCR, qRT-PCR and dual color FISH as diagnostic tools for synovial sarcoma. Mod Pathol

Raw data

Fusion	Number of reads	Number of UMI
SS18E10G-SSXE6D	182433	2205
FUSE6bG-KLF17E2D	116	1
SFPQE9G-NUDT11E2D	89	1
SS18E10G-NUTM2A_BE2D	2	2
SS18E10G-STAT6E19D	2	2
EWSR1E12G-POU5F1E2D	151	1
VGLL2E3G-SMAD3E5D	62	1
COL1A1E16G-GLI1E7D	54	1
COL1A1E1G-STAT6E17D	51	1
COL1A1E38G-ERGE8D	2	1
CITED2E2G-SSXE6D	1	1
SFPQE9G-SSXE4D	1	1

Percentage of detected fusions



Graphic Representation

