



MACQUARIE UNIVERSITY CANCER BIOBANK

MQCB00059A REPORT

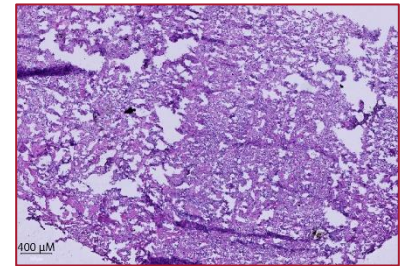
10 NOVEMBER 2022

CLINICAL SUMMARY

Sex: Female
Age: 81

HISTOPATHOLOGY

Specimen type: Brain
Tumour site: Parietal Tumour
Tumour type: Solitary Fibrous Tumour/ Haemangiopericytoma
Tumour stage: Grade II (WHO 2016)



70% Tumour Content

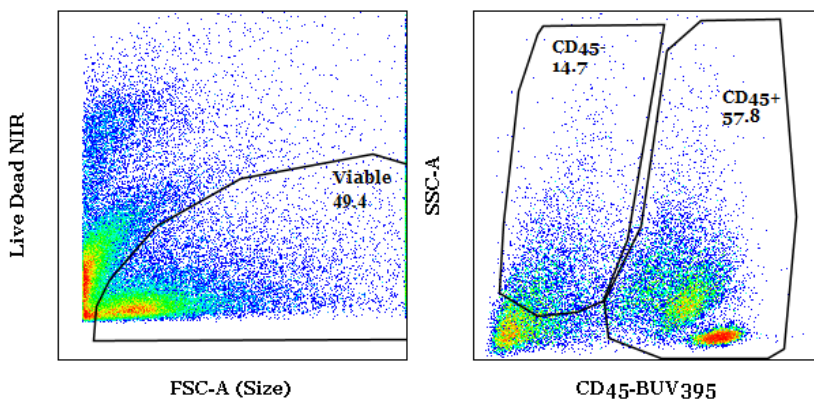
NEXT GENERATION GENOME/TRANSCRIPTOME DATA

Provider: Australian Genome Research Facility - 150bp paired end
Data yield: Germline DNA: 436,585,518 paired end, 131.85 Gbp
Tumour DNA: 976,258,046 paired end, 294.84 Gbp
Tumour RNA: 52,501,616 paired end, 15.86 Gbp

Top pathogenic somatic mutations

Gene	Alteration	Allele Frequency	Function
NF1	c.24A>C, p. E8D	8.77%	Loss

FLOW CYTOMETRY TUMOUR DISSOCIATE ANALYSIS



Cell Type	(%)
Viable cells	49.4
Viable>CD45-	14.7
Viable>CD45+	57.8
Viable>CD45+>B cells	0.1
Viable>CD45+>CD4+/Foxp3-	6.2
Viable>CD45+>Tregs+	1.1
Viable>CD45+>CD8+	7.8
Viable>CD45+>Monocytes/Macrophages	47.9