

MACQUARIE UNIVERSITY CANCER BIOBANK

MQCB00204A REPORT

30 JUNE 2025

CLINICAL SUMMARY

Sex: Male
Age: 73
Pre-operative radiotherapy: Unknown

HISTOPATHOLOGY

Specimen type: Skin
Tumour site: M5 Thigh Muscle
Tumour type: Melanoma
Tumour stage: Locally Recurring Melanoma

NEXT GENERATION GENOME/TRANSCRIPTOME DATA

Provider: Australian Genome Research Facility - 150bp paired end
Data yield: Germline DNA: 29,894,222 paired end, 9.03 Gbp
Tumour DNA: 65,936,614 paired end, 19.91 Gbp
Tumour RNA: 43,131,135 paired end, 13.03 Gbp

70% Tumour Content

Top pathogenic somatic mutations			
Gene	Alteration	Allele Frequency	Function
NRAS	Q61K	38%	Loss
TERT	c.-146C>T	65%	Gain

No Tumour Dissociates were banked from this sample