CLINICAL SUMMARY

Sex: Female
Age: 41
Pre-operative radiotherapy: Nil neoadjuvant

HISTOPATHOLOGY

Specimen type: Colon
Tumour site: Anterior Resection Sigmoid
Tumour type: Adenocarcinoma
Tumour stage: pT3, N1a Stage IIIB, CDX2 Positive. Normal MLH1, PMS2, MSH2 and MSH6
MMR proficient, high microsatellite instability unlikely

NEXT GENERATION GENOME/TRANSCRIPTOME DATA

Provider: Australian Genome Research Facility - 150bp paired end
Data yield:
Germline DNA: 500,219,740 paired end, 151.07 Gbp
Tumour DNA: 1,100,753,145 paired end, 332.42 Gbp
Tumour RNA: 66,451,693 paired end, 20.07 Gbp

<table>
<thead>
<tr>
<th>Gene</th>
<th>Alteration</th>
<th>Allele Frequency</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATM</td>
<td>c.1009C&gt;T, p.R337C</td>
<td>41%</td>
<td>Loss</td>
</tr>
<tr>
<td>APC</td>
<td>c.4141_4142delCC, p.P1381fs*4</td>
<td>66%</td>
<td>Loss</td>
</tr>
<tr>
<td>TP53</td>
<td>c.375G&gt;A, pT125T (splicing variant)</td>
<td>36%</td>
<td>Loss</td>
</tr>
</tbody>
</table>

No Tumour Dissociates were banked from this sample