Table 3. Summary of Clinical Information of Melanoma Cases by Cluster Designation.

### Melanoma Primary Cluster

<table>
<thead>
<tr>
<th>PT ID</th>
<th>Primary tumor site:</th>
<th>Metastasis to:</th>
<th>Pigmentation</th>
<th>Breslow thickness:</th>
<th>Clark Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>UACC502</td>
<td>shoulder</td>
<td>nodal and distant r thigh</td>
<td>light</td>
<td>3.6 cm</td>
<td>IV</td>
</tr>
<tr>
<td>M92-001</td>
<td>r ankle</td>
<td>r shoulder, l scapula,liver midback,r groin r buttock NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>A-375</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>M91-054</td>
<td>r axilla</td>
<td>nodal nodal and</td>
<td>dark</td>
<td>3, 3.7</td>
<td>NA</td>
</tr>
<tr>
<td>UACC1265</td>
<td>l 2nd toes</td>
<td>distant r thigh</td>
<td>light</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>M93-007</td>
<td>r ankle</td>
<td>r shoulder, l scapula,liver midback, r groin r buttock NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>UACC091</td>
<td>NA</td>
<td>nodal amelanotic / light</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>UACC1273</td>
<td>l back</td>
<td>sq. brain liver</td>
<td>dark</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>TD 1730</td>
<td>NA</td>
<td>lung</td>
<td>tan</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>TD1683-1</td>
<td>L arm</td>
<td>r shoulder sq</td>
<td>tan</td>
<td>1.8mm</td>
<td>IV</td>
</tr>
<tr>
<td>TD 1720</td>
<td>l neck</td>
<td>axilla, lungs</td>
<td>tan</td>
<td>1.4mm</td>
<td>III</td>
</tr>
<tr>
<td>TD 1384</td>
<td>upper back</td>
<td>NA</td>
<td>Tan</td>
<td>1.72mm</td>
<td>NA</td>
</tr>
<tr>
<td>UACC1022</td>
<td>shoulder</td>
<td>lung, sq, hepa</td>
<td>amelanotic</td>
<td>NA</td>
<td>III</td>
</tr>
<tr>
<td>TC 1376-3</td>
<td>r preauricular</td>
<td>to renal space</td>
<td>Tan</td>
<td>3.45 mm</td>
<td>IV</td>
</tr>
<tr>
<td>TD 1376-3</td>
<td>r preauricular</td>
<td>to renal space distant</td>
<td>Tan</td>
<td>3.45mm</td>
<td>IV</td>
</tr>
<tr>
<td>UACC2534</td>
<td>unknown</td>
<td>NA</td>
<td>pigmented</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>UACC383</td>
<td>NA</td>
<td>nodal &amp; distant</td>
<td>pigmented</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>UACC3093</td>
<td>l elbow</td>
<td>dark</td>
<td>2.48 cm</td>
<td>NA</td>
<td>NA</td>
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</tbody>
</table>

### Melanoma Non-Clustered

<table>
<thead>
<tr>
<th>PT ID</th>
<th>Primary tumor site:</th>
<th>Metastasis to:</th>
<th>Pigmentation</th>
<th>Breslow thickness:</th>
<th>Clark Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>UACC930</td>
<td>NA</td>
<td>NA</td>
<td>dark</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>M92-047</td>
<td>r arm</td>
<td>liver, spleen brain</td>
<td>tan</td>
<td>2.16</td>
<td>IV</td>
</tr>
<tr>
<td>UACC2837</td>
<td>r scapula</td>
<td>superficial spreading</td>
<td>medium</td>
<td>0.54mm</td>
<td>IV</td>
</tr>
<tr>
<td>UACC903</td>
<td>l lower leg</td>
<td>nodal &amp; distant</td>
<td>light</td>
<td>4.0mm</td>
<td>IV</td>
</tr>
<tr>
<td>UACC1097</td>
<td>NA</td>
<td>nodal</td>
<td>amelanotic</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>UACC647</td>
<td>scalp</td>
<td>nodal &amp; distant</td>
<td>light</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>UACC1012</td>
<td>earlobe</td>
<td>local</td>
<td>amelanotic</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>UACC827</td>
<td>back</td>
<td>bone, ascites</td>
<td>light</td>
<td>0.6mm</td>
<td>II</td>
</tr>
<tr>
<td>WM 1791C</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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</tbody>
</table>