### S1 Table. Description of features used for enrichment analysis of trans-interacting segments.

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>DESCRIPTION</th>
<th>CELL TYPE</th>
<th>SOURCE</th>
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<td>Active mark</td>
<td>hESC</td>
<td>ENCODE, Broad Institute, hg18</td>
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<td>Fibroblasts</td>
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