Supplementary Table 2: At a FDR $P$-value cut-off of 0.25, significant enrichment was found for 7/50 gene sets from the mSigDB Hallmarks gene set collection

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>ES</th>
<th>NES</th>
<th>NOM $P$-value</th>
<th>FDR $Q$-value</th>
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<td>1.9199</td>
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<td>0.5180</td>
<td>1.8853</td>
<td>0.0233</td>
<td>0.0565</td>
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