a

hESC-MSCs  hAD-MSCs


100 μm

b

<table>
<thead>
<tr>
<th>Gene</th>
<th>Relative mRNA level</th>
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<tbody>
<tr>
<td>ADIPOQ</td>
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<td>PPAR-γ</td>
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<td>RUNX2</td>
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<tr>
<td>BGLAP</td>
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<td>ACAN</td>
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<tr>
<td>SOX9</td>
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C

MSC in vivo transplantation for Ost. Diff.

<table>
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<tr>
<th>Vertebral</th>
<th>hESC-MSCs</th>
<th>hBM-MSCs</th>
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<tr>
<td><img src="#" alt="Image" /></td>
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