A role for alpha 11 beta 1 integrin in the human periodontal ligament


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Figure 1
Figure 3
Figure 4

A

patient 1  patient 2  patient 3

healthy  periodontitis

α1  α2  α10  α11  S26

B

healthy  periodontitis

α11

β-actin
Figure S1

<table>
<thead>
<tr>
<th>IGF-II</th>
<th>0h</th>
<th>6h</th>
<th>12h</th>
</tr>
</thead>
<tbody>
<tr>
<td>hGF1</td>
<td>α11</td>
<td>β-actin</td>
<td></td>
</tr>
<tr>
<td>hPDLF1</td>
<td>α11</td>
<td>β-actin</td>
<td></td>
</tr>
</tbody>
</table>
Figure S2

A

C2C12-α1
C2C12-α2
C2C12-α11

integrin chains

β-actin

B

control

IGF-II

PDGF-BB

% of initial gel area

time (h)

% of initial gel area

time (h)

% of initial gel area

time (h)

- C2C12-α1
- C2C12-α2
- C2C12-α11
- C2C12
Figure S3

A

% of initial gel area

0 2 4 6 8 10 12

time (h)

hGF1

100%

80%

60%

40%

20%

0%

control

α11 siRNA

non-targeting siRNA

hPDLF1

100%

80%

60%

40%

20%

0%

control

α11 siRNA

non-targeting siRNA

B

hGF1

control

α11 siRNA

non-targeting siRNA

hPDLF1

control

α11 siRNA

non-targeting siRNA

α11

β-actin

relative expression

0 0.2 0.4 0.6 0.8 1 1.2 1.4

control

α11 siRNA

non-targeting siRNA

control

α11 siRNA

non-targeting siRNA
Figure S4

ITGA11 forward primer

SBS1

SBS2

EBS

GCCATG