Table S1. Patient profile

<table>
<thead>
<tr>
<th>Patient</th>
<th>Age, years/</th>
<th>Duration, months</th>
<th>Location</th>
<th>Clinical findings</th>
<th>Pathology</th>
<th>CD123+ cells, %</th>
<th>DIF</th>
<th>Laboratory findings</th>
<th>Diagnosis</th>
<th>Treatment</th>
<th>Clinical response to treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>47/F</td>
<td>24</td>
<td>Right upper arm</td>
<td>Indurated erythema</td>
<td>Type 1</td>
<td>31.3</td>
<td>Negative</td>
<td>FANA(+)</td>
<td>CLE</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>2</td>
<td>58/M</td>
<td>3</td>
<td>Both upper arms, back</td>
<td>Indurated erythema</td>
<td>Type 1</td>
<td>21.7</td>
<td>Negative</td>
<td>FANA(+)</td>
<td>ILE I</td>
<td>PD 30 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>3</td>
<td>14/M</td>
<td>24</td>
<td>Head</td>
<td>Indurated plaques, alopecia</td>
<td>Type 1</td>
<td>8.2</td>
<td>IgM+</td>
<td>None</td>
<td>CLE</td>
<td>PD 20 mg</td>
<td>Hair growth(+), Induration: R</td>
</tr>
<tr>
<td>4</td>
<td>30/F</td>
<td>72</td>
<td>Head</td>
<td>Depression, alopecia</td>
<td>Type 1, Mucin+</td>
<td>13.0</td>
<td>Negative</td>
<td>None</td>
<td>ILE I</td>
<td>PD 20 mg</td>
<td>Hair growth(+), Induration: R</td>
</tr>
<tr>
<td>5</td>
<td>52/F</td>
<td>168</td>
<td>Left cheek</td>
<td>Indurated plaques</td>
<td>Type 1</td>
<td>N/A</td>
<td>N/A</td>
<td>None</td>
<td>ILE I</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>6</td>
<td>55/F</td>
<td>5</td>
<td>Back</td>
<td>Subcutaneous nodules</td>
<td>Type 1</td>
<td>N/A</td>
<td>IgM+</td>
<td>None</td>
<td>ILE II</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>7</td>
<td>16/F</td>
<td>5</td>
<td>Both upper arms</td>
<td>Indurated erythema</td>
<td>Type 1, Mucin+</td>
<td>23.0</td>
<td>C3+</td>
<td>FANA(+), Anti-dsDNA(+)</td>
<td>SLE II</td>
<td>PD 25 mg + Mizoribine150 mg</td>
<td>PD 15 mg</td>
</tr>
<tr>
<td>8</td>
<td>13/F</td>
<td>16</td>
<td>Head</td>
<td>Indurated erythema</td>
<td>Type 1, Mucin+</td>
<td>23.5</td>
<td>IgM, C3+</td>
<td>FANA(+)</td>
<td>ILE I</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>9</td>
<td>51/F</td>
<td>2</td>
<td>Left knee, right ankle</td>
<td>Indurated erythema</td>
<td>Type 1, Mucin+</td>
<td>7.3</td>
<td>C3+</td>
<td>FANA(+), Anti-dsDNA(+)</td>
<td>SLE I</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>10</td>
<td>34/F</td>
<td>3</td>
<td>Left upper arm</td>
<td>Indurated erythema</td>
<td>Type 1, Mucin+</td>
<td>N/A</td>
<td>Negative</td>
<td>FANA(+)</td>
<td>CLE</td>
<td>PD 20 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>11</td>
<td>35/F</td>
<td>1</td>
<td>Left cheek, neck</td>
<td>Indurated plaques with erythema</td>
<td>Type 1</td>
<td>29.7</td>
<td>N/A</td>
<td>FANA(+), Anti-dsDNA(+)</td>
<td>SLE II</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>12</td>
<td>14/F</td>
<td>1</td>
<td>Foot</td>
<td>Scaly plaques with erythema</td>
<td>Type 1, Mucin+</td>
<td>8.8</td>
<td>IgM+</td>
<td>FANA(+)</td>
<td>ILE I</td>
<td>Topical steroid</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>13</td>
<td>12/F</td>
<td>5</td>
<td>Head</td>
<td>Indurated plaques, alopecia</td>
<td>Type 1, Mucin+</td>
<td>2.7</td>
<td>IgM+</td>
<td>None</td>
<td>CLE</td>
<td>PD 30 mg</td>
<td>Hair growth(+), Induration: R</td>
</tr>
<tr>
<td>14</td>
<td>34/F</td>
<td>2</td>
<td>Right upper arm</td>
<td>Subcutaneous nodules</td>
<td>Type 2</td>
<td>N/A</td>
<td>N/A</td>
<td>None</td>
<td>SLE I</td>
<td>PD 20 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>15</td>
<td>39/F</td>
<td>12</td>
<td>Right upper arm, thigh</td>
<td>Alopeicia</td>
<td>Type 2</td>
<td>19.2</td>
<td>N/A</td>
<td>None</td>
<td>CLE</td>
<td>PD 30 mg</td>
<td>PR, Hair growth(+), Induration: R</td>
</tr>
<tr>
<td>16</td>
<td>48/M</td>
<td>Several years</td>
<td>Head</td>
<td>Indurated plaques, alopecia</td>
<td>Type 2</td>
<td>2.6</td>
<td>IgM+</td>
<td>FANA(+)</td>
<td>ILE I</td>
<td>PD 15 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>17</td>
<td>59/F</td>
<td>2</td>
<td>Head</td>
<td>Indurated plaques, alopecia</td>
<td>Type 1</td>
<td>14.1</td>
<td>N/A</td>
<td>FANA(+)</td>
<td>ILE I</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>18</td>
<td>35/F</td>
<td>48</td>
<td>Both upper arms</td>
<td>Indurated plaques, alopecia</td>
<td>Type 1</td>
<td>14.0</td>
<td>Negative</td>
<td>FANA(+)</td>
<td>ILE I</td>
<td>PD 25 mg</td>
<td>Hair growth(+), Induration: R</td>
</tr>
<tr>
<td>19</td>
<td>58/F</td>
<td>3</td>
<td>Both upper arms, buttocks, right thigh</td>
<td>Indurated plaques</td>
<td>Type 2</td>
<td>1.8</td>
<td>None</td>
<td>None</td>
<td>CLE</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>20</td>
<td>40/F</td>
<td>7</td>
<td>Right upper arm</td>
<td>Indurated plaques</td>
<td>Type 3</td>
<td>4.6</td>
<td>Negative</td>
<td>None</td>
<td>CLE</td>
<td>PD 25 mg</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>21</td>
<td>41/F</td>
<td>4</td>
<td>Left upper arm</td>
<td>Depression with erythema</td>
<td>Type 3</td>
<td>4.8</td>
<td>Negative</td>
<td>FANA(+)</td>
<td>CLE</td>
<td>Topical steroid</td>
<td>No erythema, Induration: R</td>
</tr>
<tr>
<td>22</td>
<td>23/F</td>
<td>2</td>
<td>Left upper arm</td>
<td>Depression with erythema</td>
<td>Type 3, Mucin+</td>
<td>2.9</td>
<td>N/A</td>
<td>FANA(+)</td>
<td>SLE I</td>
<td>PD 10 mg</td>
<td>No erythema, Depression: nc</td>
</tr>
<tr>
<td>23</td>
<td>39/F</td>
<td>5</td>
<td>Both upper arms, left thigh</td>
<td>Erythema, atrophic plaques</td>
<td>Type 3, Mucin+</td>
<td>4.8</td>
<td>Negative</td>
<td>FANA(+)</td>
<td>CLE</td>
<td>Topical steroid</td>
<td>No erythema, Depression: nc</td>
</tr>
</tbody>
</table>