### Supplementary Table 4. Details of patients who flared within 52 weeks of glucocorticoid discontinuation

<table>
<thead>
<tr>
<th>Prior severe organ involvement</th>
<th>Age</th>
<th>Sex</th>
<th>SLE organ manifestation</th>
<th>Ab profile</th>
<th>Duration of SLE until GC discontinuation (days)</th>
<th>Treatment regimen at GC discontinuation</th>
<th>Date of first flare after GC discontinuation (days)</th>
<th>Flare details</th>
</tr>
</thead>
<tbody>
<tr>
<td>(-)</td>
<td>38</td>
<td>F</td>
<td>Mucocutaneous, joint, hematologic</td>
<td>ANA80 (speckled homo) anti-dsDNA Ab</td>
<td>3326</td>
<td>Tac, SASP</td>
<td>301</td>
<td>Fever, arthritis, leukocytopenia, thrombocytopenia: mPSL 30 mg/day, finally discontinued 251 days after the first flare</td>
</tr>
<tr>
<td>(-)</td>
<td>72</td>
<td>F</td>
<td>Joint, serositis</td>
<td>ANA &gt; 2560 (speckled homo) anti-dsDNA Ab, LAC</td>
<td>3249</td>
<td>Tac, MTX</td>
<td>315</td>
<td>Arthritis: increased MTX</td>
</tr>
<tr>
<td>(-)</td>
<td>43</td>
<td>F</td>
<td>Mucocutaneous, joint, hematologic</td>
<td>ANA 40, LAC, CL, CLβ2GPI</td>
<td>2343</td>
<td>HCQ, MZR</td>
<td>282</td>
<td>Thrombocytopenia: restarted PSL 30 mg every other day</td>
</tr>
<tr>
<td>(-)</td>
<td>59</td>
<td>F</td>
<td>Mucocutaneous, joint</td>
<td>ANA 1280 (speckled homo) anti-dsDNA Ab, anti-RNP Ab</td>
<td>1999</td>
<td>MTX</td>
<td>304</td>
<td>Arthritis: started IGU</td>
</tr>
<tr>
<td>Age</td>
<td>Sex</td>
<td>Disease</td>
<td>ANA titer</td>
<td>Treatment</td>
<td>Flare/Myopathy/Proteinuria</td>
<td>Notes</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>(+) 24 F</td>
<td>Mucocutaneous, joint, renal</td>
<td>ANA 640 (speckled homo), anti-dsDNA Ab, anti-RNP Ab, anti-Sm Ab, anti-SSA Ab, CLβ2GPI</td>
<td>2349</td>
<td>HCQ, Tac</td>
<td>Flare of lupus nephritis: restarted PSL 25 mg/day and added Tac. Finally tapered PSL to 2.5 mg/day</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(+) 30 F</td>
<td>Serositis</td>
<td>ANA 2560 (speckled), anti-RNP Ab</td>
<td>650</td>
<td>Tac</td>
<td>Myopathy: started PSL 40 mg/day. Finally tapered PSL to 6 mg/day</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>(+) 89 F</td>
<td>Joint, renal</td>
<td>ANA &gt; 2560 (homo, nucleolar), anti-dsDNA Ab, anti-RNP Ab, anti-Sm Ab, LAC, anti-CL Ab</td>
<td>4851</td>
<td>Tac, MMF</td>
<td>Proteinuria: started BEL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(+) 53 F</td>
<td>Joint, renal, serositis</td>
<td>ANA 1280 (speckled homo)</td>
<td>7253</td>
<td>HCQ, Tac</td>
<td>Arthritis: restarted PSL 5 mg/day and started IGU</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(+)</td>
<td>24</td>
<td>F</td>
<td>Mucocutaneous, joint, hematologic</td>
<td>ANA 160 (speckled homo nucleolar), anti-dsDNA Ab, anti-SSA Ab</td>
<td>1881 Tac 259</td>
<td>Leukocytopenia: restarted PSL 5 mg/day</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(+)</td>
<td>47</td>
<td>F</td>
<td>Mucocutaneous, renal, hematologic</td>
<td>ANA 80 (homo), anti-dsDNA Ab, Ab, anti-RNP Ab, anti-SSA Ab</td>
<td>7532 HCQ 195</td>
<td>Hair loss: started MZR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(+)</td>
<td>50</td>
<td>F</td>
<td>Mucocutaneous, joint, renal, hematologic</td>
<td>ANA 640 (homo), anti-dsDNA Ab, anti-SSA Ab, LAC</td>
<td>3995 IGU 322</td>
<td>Arthritis: started PSL 5 mg/day</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(+)</td>
<td>31</td>
<td>F</td>
<td>Mucocutaneous, joint, hematologic</td>
<td>ANA 2560 (speckled), anti-dsDNA Ab, anti-Ro/SSA Ab</td>
<td>4367 HCQ, CyA 287</td>
<td>Arthritis: started BLM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ab = antibody; ANA = anti-nuclear antibody; anti-CL = anti-cardiolipin; anti-CLβ2GPI = anti-cardiolipinβ2GPI; anti-dsDNA = anti-ds DNA; anti-RNP = anti-RNP; BEL = belimumab; BMI = body mass index; F = female; GC = glucocorticoid; HCQ = hydroxychloroquine; IGU = iguratimod; LAC = lupus anticoagulant; MMF = mycophenolate mofetil;
mPSL = methylprednisolone; MZR = mizoribine; PSL = prednisolone; RF = rheumatoid factor; SLE = systemic lupus erythematosus; TAC = tacrolimus.