Supporting information.

**Figure 1S.** Loading capacity of PS-co-DVB/PS-co-DVB support in the immobilization of different commercial lipases: (A) CALB; (B) RML; (C) LU; (D) TLL.

Experiments were performed as described in Section 2.2.3.

**Figure 2S.** Loading capacity of PS/PS support in the immobilization of different commercial lipases: (A) CALB; (B) RML; (C) LU; (D) TLL.

Experiments were performed as described in Section 2.2.3.

**Figure 3S.** Loading capacity of octyl-agarose in the immobilization of different commercial lipases: (A) CALB; (B) RML; (C) LU; (D) TLL.

Experiments were performed as described in Section 2.2.3.
Figure 1S.
Figure 2S

(A) Immobilized activity (%) vs Initial amount of protein (mg of protein/g support)

(B) Immobilized activity (%) vs Initial amount of protein (mg of protein/g support)

(C) Immobilized activity (%) vs Initial amount of protein (mg of protein/g support)

(D) Immobilized activity (%) vs Initial amount of protein (mg of protein/g support)
Figure 3S

(A)  
(B)  
(C)  
(D)
<table>
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<tr>
<th>Biocatalyst</th>
<th>pH 5</th>
<th>Temperature, (ºC)</th>
<th>pH 9</th>
<th>Temperature, (ºC)</th>
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<td>OC CALB</td>
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<td>70±4</td>
<td>59</td>
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<tr>
<td>PS/PS CALB</td>
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<td>81</td>
<td>50±4</td>
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<tr>
<td>PS-co-DVB/PS-co-DVB CALB</td>
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<td>OCRML</td>
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</tbody>
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Table 1S.- Half-lives of the different enzyme biocatalyst at pH 5 and 9. Temperature was selected to have values that could be reliable. Experiments were performed by triplicate.