

Supporting information.

Figure Legends

Figure 1 S. Inactivation of different OC preparations (TLL: A. CALA:B and LU:C)in the presence of different salts. The inactivation was carried out at pH 7 at 73°C (TLL), 80°C (CALA) or 45°C (LU). Circles: Enzymes incubated in 5 mM Tris ; Rhombus: enzymes incubated in 5 mM Tris/5 mM Cl₂Ca; Squares: enzymes incubated in 5 mM Tris/5 mM Cl₂Mn; Triangles: enzymes incubated in 5 mM Tris/5 mM Cl₂Mg

Biocatalyst	Additional salt					
	None	Cl ₂ Ca	Cl ₂ Mn	Cl ₂ Mg	ClNa	ClK
RML	100	99±4	102±5	100±6	93±8	97±3
OC-RML	100	102±5	105±4	103±3	104±4	96±5
CRL	100	100±3	99±6	102±4	99±5	98±4
OC-CRL	100	98±5	101±4	98±4	97±6	97±5

Table 1S. Effect of different salts on the activity of free or OC-immobilized RML and CRL.

Activities were determined as described in methods section, changing phosphate by Tris.