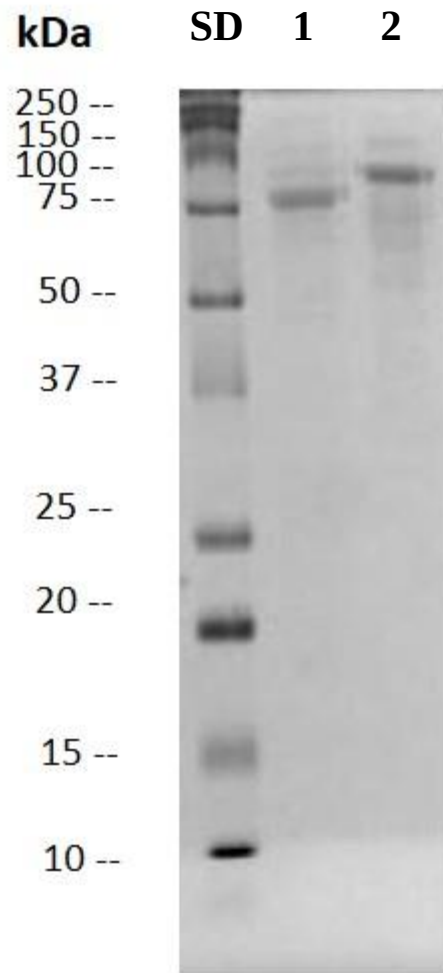
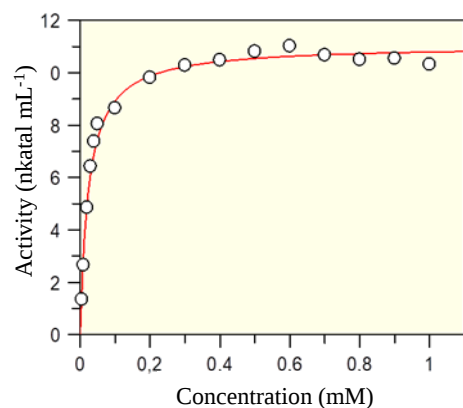




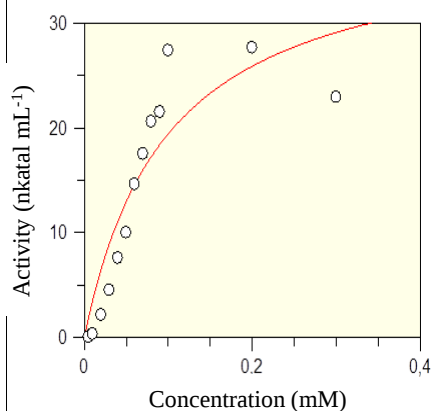
Supplementary Figure 1 : SDS-PAGE analysis of the purified *PsLac1* (lane 1) and *PsLac2* (lane 2). SD are molecular mass standards. Proteins stained with Coomassie blue,

ABTS



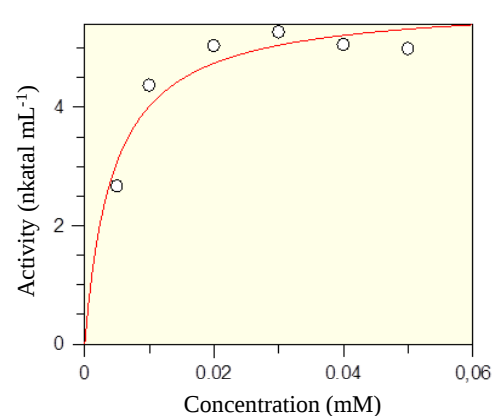
Parameter	Value	Std. Error
Vmax	11,0450	0,1471
Km	0,0238	0,0018

DMP



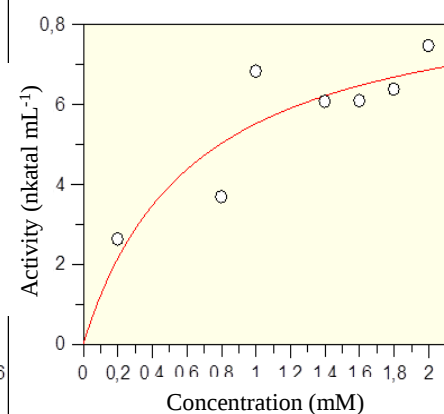
Parameter	Value	Std. Error
Vmax	38,7348	7,7493
Km	0,0995	0,0404

Syringaldazine



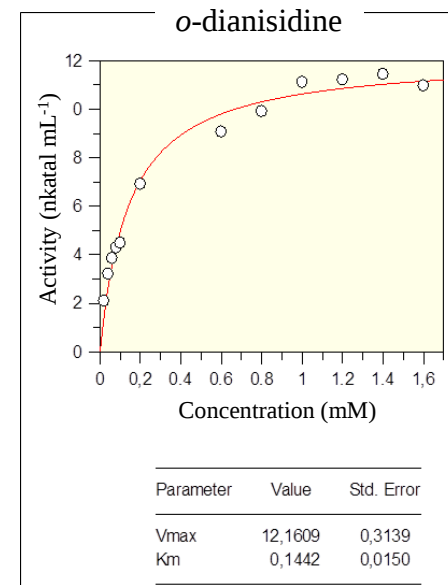
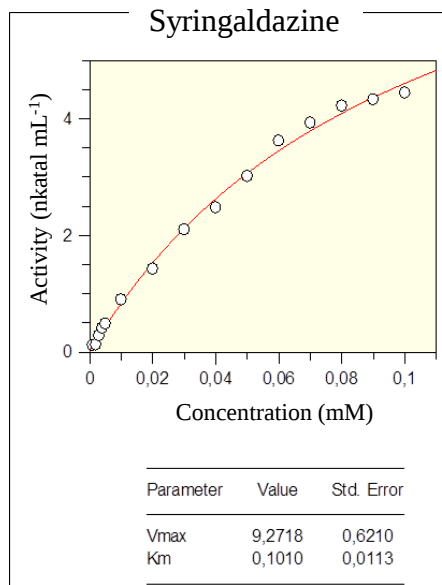
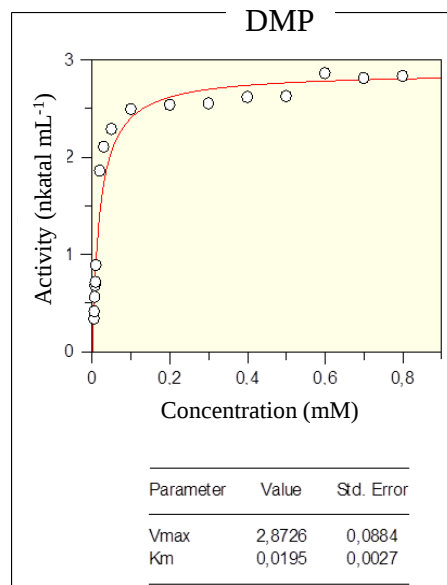
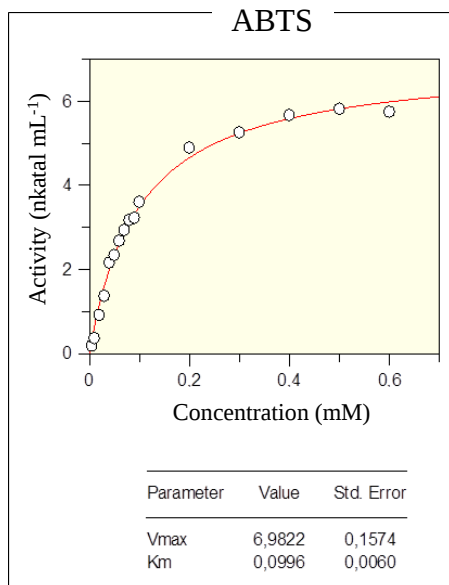
Parameter	Value	Std. Error
Vmax	5,7908	0,3514
Km	0,0044	0,0013

o-dianisidine



Parameter	Value	Std. Error
Vmax	0,9098	0,2069
Km	0,6470	0,4441

Supplementary Figure 2 : Kinetic parameters of *PsLac1*



Supplementary Figure 3 : Kinetic parameters of *PsLac2*