

Supplemental Table 1. Sequence similarity of six homologs isolated from opium poppy transcriptome databases and encoding putative PLP-dependent aminotransferases compared with Ps TyrAT.

		Identity (%)						
Divergence (%)		cl.615	cl.5707	cl.1232	cl.1670	cl.8533	cl.10988	Ps TyrAT
	cl.615		16.1	49.2	16.7	16.5	15.9	16.1
	cl.5707	245.0		16.8	25.7	20.4	17.3	17.0
	cl.1232	78.7	285.0		15.0	14.4	17.1	17.3
	cl.1670	274.0	187.4	303.0		24.6	17.9	16.8
	cl.8533	265.0	230.0	301.0	187.9		19.2	22.1
	cl.10988	241.0	264.0	228.0	218.0	205.0		68.4
	Ps TyrAT	258.0	284.0	238.0	253.0	196.1	41.0	