

**Additional file 2 – Number of *Lipoxygenase* ESTs detected in *P. bellina* and in *P. equestris* flowers**

Gene	Class	<i>P. bellina</i>	<i>P. equestris</i>	Similarity (%)	E-value	Species
<i>PLOX1</i>	9-LOX	34	9	78	0	<i>Solanum tuberosum</i>
<i>PLOX2</i>	9-LOX	4	2	79	4.00E-77	<i>Nicotiana attenuata</i>
<i>PLOX3</i>	9-LOX	12	0	76	6.00E-43	<i>Lycopersicon esculentum</i>
<i>PLOX4</i>	13-LOX	0	7	68	4.00E-11	<i>Prunus dulcis</i>