

Additional File 6 Accession numbers for SEX4 orthologs.

<u>Organism</u>	<u>Database</u>	<u>Accession number</u>
<i>A. thaliana</i>	Genbank	AAN28817
<i>Aquilegia sp.</i>	Genbank	DT739859+DT764798
<i>C. reinhardtii</i>	JGI	149756
<i>C. sinensis</i>	Genbank	CV886681
<i>G. hirsutum</i>	TIGR	TC38280
<i>M. truncatula</i>	Genbank	BG581666+AW689683
<i>N. tabacum</i>	Sol Genomics Network	SGN-U365585
<i>O. sativa</i>	Genbank	ABF93554
<i>P. patens</i>	JGI	175844
<i>Phaseolus</i>	Genbank	CV538569+CB540037+CV534719
<i>P. sitchensis</i>	Genbank	ABK25215
<i>P. vulgaris</i>	Genbank	CV538569+CB540037+CV534719
<i>S. lycopersicum</i>	Genbank	CAC44460
<i>S. tuberosum</i>	Genbank	ABB87109
<i>V. vinifera</i>	Genbank	CAO68845
<i>Z. mays</i>	Genbank	ACF82323