

Additional file 13. A list of microarray data sets used in this study

GEO Accession	Species	Tissues
GSE12152	<i>Populus tremula</i> × <i>Populus alba</i>	Callus induction and shoot formation
GSE13990	<i>Populus balsamifera</i>	Developmental tissue series
GSE25309	<i>Populus tomentosa</i>	Secondary vascular tissue regeneration
GSE30507	<i>Populus trichocarpa</i>	Developing xylem
GSE46312	<i>Populus tomentosa</i>	Two year old shoot apex and mature xylem
GSE46946	<i>Populus tomentosa</i>	Newly formed developing xylem and lignified xylem