

Table S2. *XTH* gene ID in *Populus trichocarpa* (*Ptr*) and *Populus alba* × *glandulosa* (*Pag*)

P.trichocarpa		'84K' subgenome A		'84K' Subgenome G	
Gene ID	Gene name	Gene ID	Gene name	Gene ID	Gene name
Potri.001G071000	<i>PtrXTH1</i>	PopA01G074711	<i>PagXTH1(A)</i>	PopG01G002830	<i>PagXTH1(G)</i>
Potri.001G136100	<i>PtrXTH2</i>	PopA01G004173	<i>PagXTH2(A)</i>	PopG01G089278	<i>PagXTH2(G)</i>
Potri.002G060400	<i>PtrXTH3</i>	PopA02G005521	<i>PagXTH3(A)</i>	PopG02G065437	<i>PagXTH3(G)</i>
Potri.002G060500	<i>PtrXTH4</i>	PopA02G005519	<i>PagXTH4(A)</i>	PopG02G065438	<i>PagXTH4(G)</i>
Potri.002G153200	<i>PtrXTH5</i>	PopA02G012191	<i>PagXTH5(A)</i>	PopG02G030954	<i>PagXTH5(G)</i>
Potri.002G236200	<i>PtrXTH6</i>	PopA02G023780	<i>PagXTH6(A)</i>	PopG02G015923	<i>PagXTH6(G)</i>
Potri.002G244200	<i>PtrXTH7</i>	PopA02G023990	<i>PagXTH7(A)</i>	PopG02G015825	<i>PagXTH7(G)</i>
Potri.003G097300	<i>PtrXTH8</i>	PopA03G050272	<i>PagXTH8(A)</i>	PopG03G010661	<i>PagXTH8(G)</i>
Potri.003G159700	<i>PtrXTH9</i>	PopA03G020147	<i>PagXTH9(A)</i>	PopG03G013929	<i>PagXTH9(G)</i>
Potri.004G021000	<i>PtrXTH10</i>	PopA04G018283	<i>PagXTH10(A)</i>	PopG04G023264	<i>PagXTH10(G)</i>
Potri.005G007200	<i>PtrXTH12</i>	PopA05G016860	<i>PagXTH12(A)</i>	n.a.	n.a.
Potri.005G201200	<i>PtrXTH13</i>	PopA05G056354	<i>PagXTH13(A)</i>	PopG05G008459	<i>PagXTH13(G)</i>
Potri.006G071200	<i>PtrXTH14</i>	PopA06G061600	<i>PagXTH14(A)</i>	PopG06G075982	<i>PagXTH14(G)</i>
Potri.006G122900	<i>PtrXTH15</i>	PopA06G085762	<i>PagXTH15(A)</i>	PopG06G051718	<i>PagXTH15(G)</i>
Potri.006G160700	<i>PtrXTH16</i>	PopA06G079417	<i>PagXTH16(A)</i>	PopG06G051233	<i>PagXTH16(G)</i>
Potri.006G169900	<i>PtrXTH17</i>	PopA06G064752	<i>PagXTH17(A)</i>	PopG06G053835	<i>PagXTH17(G)</i>
Potri.006G170001	<i>PtrXTH18</i>	PopA06G064753	<i>PagXTH18(A)</i>	PopG06G053834	<i>PagXTH18(G)</i>
Potri.006G170100	<i>PtrXTH19</i>	n.a.	n.a.	n.a.	n.a.
Potri.007G008500	<i>PtrXTH20</i>	PopA07G022723	<i>PagXTH20(A)</i>	PopG07G062649	<i>PagXTH20(G)</i>
Potri.008G138400	<i>PtrXTH21</i>	PopA08G086532	<i>PagXTH21(A)</i>	PopG08G046407	<i>PagXTH21(G)</i>
Potri.009G006600	<i>PtrXTH22</i>	PopA09G083696	<i>PagXTH22(A)</i>	PopG09G027710	<i>PagXTH22(G)</i>
Potri.009G083800	<i>PtrXTH23</i>	PopA09G015395	<i>PagXTH23(A)</i>	PopG09G077522	<i>PagXTH23(G)</i>
Potri.010G102300	<i>PtrXTH24</i>	PopA10G048486	<i>PagXTH24(A)</i>	PopG10G000227	<i>PagXTH24(G)</i>
Potri.011G025800	<i>PtrXTH25</i>	PopA11G091347	<i>PagXTH25(A)</i>	n.a.	n.a.
Potri.011G077320	<i>PtrXTH26</i>	PopA11G056756	<i>PagXTH26(A)</i>	n.a.	n.a.
Potri.011G077380	<i>PtrXTH27</i>	n.a.	n.a.	n.a.	n.a.
Potri.013G005700	<i>PtrXTH28</i>	PopA13G054411	<i>PagXTH28(A)</i>	PopG13G022225	<i>PagXTH28(G)</i>
Potri.013G152400	<i>PtrXTH29</i>	PopA13G031118	<i>PagXTH29(A)</i>	PopG13G072741	<i>PagXTH29(G)</i>
Potri.014G115000	<i>PtrXTH30</i>	PopA14G044010	<i>PagXTH30(A)</i>	PopG14G051007	<i>PagXTH30(G)</i>
Potri.014G140300	<i>PtrXTH31</i>	PopA14G045470	<i>PagXTH31(A)</i>	PopG14G000593	<i>PagXTH31(G)</i>
Potri.014G146100	<i>PtrXTH32</i>	PopA14G045767	<i>PagXTH32(A)</i>	PopG14G000662	<i>PagXTH32(G)</i>
Potri.014G152700	<i>PtrXTH33</i>	n.a.	n.a.	n.a.	n.a.
Potri.016G098600	<i>PtrXTH34</i>	PopA16G028679	<i>PagXTH34(A)</i>	PopG16G068625	<i>PagXTH34(G)</i>
Potri.018G084300	<i>PtrXTH35</i>	PopA18G018913	<i>PagXTH35(A)</i>	PopG18G080149	<i>PagXTH35(G)</i>
Potri.018G094800	<i>PtrXTH36</i>	PopA18G018794	<i>PagXTH36(A)</i>	PopG18G080130	<i>PagXTH36(G)</i>
Potri.018G094900	<i>PtrXTH37</i>	PopA18G018793	<i>PagXTH37(A)</i>	PopG18G080131	<i>PagXTH37(G)</i>
Potri.018G095100	<i>PtrXTH38</i>	PopA18G018789	<i>PagXTH38(A)</i>	PopG18G080133	<i>PagXTH38(G)</i>
Potri.018G095200	<i>PtrXTH39</i>	PopA18G018791	<i>PagXTH39(A)</i>	n.a.	n.a.
Potri.019G125000	<i>PtrXTH40</i>	PopA19G055144	<i>PagXTH40(A)</i>	PopG19G084027	<i>PagXTH40(G)</i>
Potri.005G201250	<i>PtrXTH43</i>	PopA05G056355	<i>PagXTH43(A)</i>	n.a.	n.a.
Potri.009G163850	<i>PtrXTH44</i>	PopA09G077102	<i>PagXTH44(A)</i>	PopG09G011699	<i>PagXTH44(G)</i>