

Table S1: Accession numbers, physicochemical properties, and subcellular localization predictions of poplar GATA family members.

Gene Name	Accession number	AA ^a	MW ^b (Da)	pI ^c	II ^d	AI ^e	GRAVY ^f	Subcellular Localization
<i>PtrGATA1</i>	Potri.001G053500.2	258	28925.58	8.55	53.49	61.59	-0.755	Nucleus
<i>PtrGATA2</i>	Potri.001G151700.2	544	60287.6	6.77	50.78	72.74	-0.644	Chloroplast
<i>PtrGATA3</i>	Potri.001G188500.3	303	33611.21	5.81	58.46	49.93	-0.706	Nucleus
<i>PtrGATA4</i>	Potri.002G110800.1	360	39264.4	4.86	47.96	69.33	-0.702	Nucleus
<i>PtrGATA5</i>	Potri.002G110900.1	290	31499.81	5.93	45.45	60.83	-0.698	Nucleus
<i>PtrGATA6</i>	Potri.002G142800.1	246	27390.13	6.03	52.06	55.89	-0.738	Nucleus
<i>PtrGATA7</i>	Potri.002G199800.1	147	16627.16	9.4	65.96	54.49	-0.879	Nucleus
<i>PtrGATA8</i>	Potri.003G082800.1	540	60284.54	6.58	54.94	70.57	-0.672	Chloroplast
<i>PtrGATA9</i>	Potri.003G174800.2	258	28865.61	9.06	52.17	61.2	-0.783	Nucleus
<i>PtrGATA10</i>	Potri.003G213300.1	226	25422.98	8.74	38.45	45	-1.071	Nucleus
<i>PtrGATA11</i>	Potri.004G161500.1	327	36312.44	8.53	56.91	50.4	-0.73	Nucleus
<i>PtrGATA12</i>	Potri.004G211800.1	301	33982.35	8.57	68.69	56.38	-0.674	Nucleus
<i>PtrGATA13</i>	Potri.005G020500.1	161	17587.24	9.78	51.5	60	-0.675	Nucleus
<i>PtrGATA14</i>	Potri.005G066100.2	240	27608.63	8.71	59.12	68.75	-0.58	Nucleus
<i>PtrGATA15</i>	Potri.005G117600.1	333	36840.45	7.1	62.45	60.54	-0.63	Nucleus
<i>PtrGATA16</i>	Potri.005G122700.1	259	29015.8	7.95	64.92	35.48	-0.973	Nucleus
<i>PtrGATA17</i>	Potri.005G152500.1	365	39708.23	5.13	43.65	67.84	-0.626	Nucleus
<i>PtrGATA18</i>	Potri.005G152800.1	288	31463.7	5.67	44.14	61.94	-0.698	Nucleus
<i>PtrGATA19</i>	Potri.006G229200.3	303	33567.46	9.04	59.98	56.4	-0.772	Nucleus
<i>PtrGATA20</i>	Potri.006G237700.1	373	41397.57	6.04	45.33	56.43	-0.791	Nucleus
<i>PtrGATA21</i>	Potri.007G016600.1	376	41808.29	6.95	64.79	57.5	-0.589	Chloroplast
<i>PtrGATA22</i>	Potri.007G024500.1	254	28668.6	8.46	64.84	38.07	-0.941	Nucleus
<i>PtrGATA23</i>	Potri.007G116550.1	318	33403.12	5.49	34.43	66.92	-0.462	Extracellular
<i>PtrGATA24</i>	Potri.007G116700.1	384	43220.87	4.9	43.09	58.1	-0.852	Nucleus
<i>PtrGATA25</i>	Potri.008G038900.2	354	38941.87	6.52	56.02	60.31	-0.597	Nucleus
<i>PtrGATA26</i>	Potri.008G213900.1	138	14783.7	9.69	61.85	63.04	-0.909	Nucleus
<i>PtrGATA27</i>	Potri.009G123400.1	329	36593.74	6.61	52.09	55.99	-0.629	Nucleus
<i>PtrGATA28</i>	Potri.010G001300.2	149	16059.17	9.68	63.22	64.9	-0.87	Nucleus
<i>PtrGATA29</i>	Potri.010G223300.2	352	38612.24	5.65	55.82	57.33	-0.591	Nucleus
<i>PtrGATA30</i>	Potri.010G251600.1	307	33369.72	7.8	29.88	48.96	-0.893	Nucleus
<i>PtrGATA31</i>	Potri.013G059600.1	295	32644.49	6.53	51.49	61.15	-0.754	Nucleus
<i>PtrGATA32</i>	Potri.014G058600.1	251	27963.8	6.42	60.52	57.49	-0.78	Nucleus
<i>PtrGATA33</i>	Potri.014G124400.1	133	14704.83	9.77	67.48	60.98	-0.841	Nucleus
<i>PtrGATA34</i>	Potri.017G042200.2	383	43298.04	5.11	44.15	59.01	-0.864	Nucleus
<i>PtrGATA35</i>	Potri.017G042300.3	109	12596.12	10.69	40.81	84.95	-0.134	Cytoplasmic
<i>PtrGATA36</i>	Potri.018G044900.1	380	42096.26	6.22	41.9	56.18	-0.802	Nucleus
<i>PtrGATA37</i>	Potri.018G053600.1	303	33666.66	8.78	50.69	60.83	-0.74	Nucleus
<i>PtrGATA38</i>	Potri.019G033000.1	294	32231.74	6	51.37	56.43	-0.792	Nucleus

^a Length of the amino acid sequence; ^b Molecular weight of the protein; ^c Theoretical pI of the protein; ^d Instability index (II) of the protein; ^e Aliphatic index of the protein; ^f Grand average of hydropathicity of the protein.