

Table 1 Physicochemical properties of AP2/ERF TFs in *G. biloba*

Category and naming	Gene ID	Number of residues	Molecular weight (U)	Theoretical pI	Aliphatic index	GRAVY
GbERF-B1-1	Cluster-495.0	208	22713.44	9.17	64.33	-0.642
GbERF-B1-2	Cluster-3580.687	241	26108.89	7.90	64.85	-0.588
GbERF-B1-3	Cluster-859.0	231	24837.83	9.60	64.98	-0.535
GbERF-B1-4	Cluster-3580.9368	300	32736.27	8.72	58.33	-0.725
GbERF-B1-5	Cluster-7711.0	218	23955.30	6.97	52.48	-0.783
GbERF-B1-6	Cluster-3580.24012	249	27957.07	9.11	64.98	-0.894
GbERF-B1-7	Cluster-3580.20282	197	22113.61	9.32	56.04	-0.853
GbERF-B1-8	Cluster-3580.24911	241	26885.04	8.81	56.80	-0.827
GbERF-B2-1	Cluster-3580.4324	239	26666.47	9.44	51.92	-0.990
GbERF-B2-2	Cluster-3580.21045	245	26962.98	9.08	60.20	-0.743
GbERF-B2-3	Cluster-885.0	239	26910.20	6.11	70.59	-0.698
GbERF-B2-4	Cluster-11693.0	259	29121.77	4.78	74.94	-0.508
GbERF-B2-5	Cluster-1584.3	216	23910.00	9.24	65.05	-0.768
GbERF-B2-6	Cluster-3580.9843	317	35019.85	6.36	74.70	-0.530
GbERF-B3-1	Cluster-3580.97	267	29425.98	5.96	44.76	-0.880
GbERF-B3-2	Cluster-2616.0	472	52427.83	5.24	63.28	-0.630
GbERF-B4-1	Cluster-3580.20109	488	54653.81	5.05	62.17	-0.715
GbERF-B4-2	Cluster-3580.21831	488	54651.90	5.17	61.56	-0.660
GbERF-B4-3	Cluster-7750.0	256	29091.00	5.93	71.21	-0.658
GbERF-B4-4	Cluster-11042.1	209	23796.67	5.90	72.82	-0.726
GbERF-B4-5	Cluster-1852.1	359	39705.07	4.82	62.53	-0.629
GbERF-B4-6	Cluster-3580.4524	440	48867.07	5.37	56.18	-0.702
GbERF-B4-7	Cluster-3580.29726	433	48370.64	5.88	52.82	-0.766
GbERF-B4-8	Cluster-3580.20263	455	50392.67	7.53	64.99	-0.604
GbERF-B4-9	Cluster-5011.0	446	49696.70	5.60	64.53	-0.668
GbERF-B5-1	Cluster-14774.1	324	35304.29	9.58	60.28	-0.724
GbERF-B6-1	Cluster-12777.1	227	25890.80	8.54	55.90	-0.892
GbERF-B6-2	Cluster-3580.6215	415	46053.43	7.05	58.60	-0.778
GbDREB-A1-1	Cluster-3580.19365	195	21234.76	7.78	70.67	-0.534
GbDREB-A1-2	Cluster-3580.21598	194	21116.63	8.66	65.05	-0.574
GbDREB-A1-3	Cluster-13465.0	228	25231.27	5.95	77.89	-0.416
GbDREB-A1-4	Cluster-3580.6040	179	20011.48	9.30	66.59	-0.526
GbDREB-A1-5	Cluster-1196.0	199	22139.56	4.81	74.07	-0.479
GbDREB-A1-6	Cluster-3580.733	191	21436.12	6.31	77.17	-0.534
GbDREB-A1-7	Cluster-13943.0	251	27853.10	7.73	67.33	-0.590
GbDREB-A1-8	Cluster-3580.21837	343	36871.40	4.81	62.04	-0.599
GbDREB-A1-9	Cluster-8904.0	344	36912.58	4.73	63.28	-0.553
GbDREB-A2-1	Cluster-3580.29815	441	48991.98	5.85	54.78	-0.779
GbDREB-A2-2	Cluster-3580.18158	112	13085.85	9.43	65.45	-0.685
GbDREB-A3-1	Cluster-3580.13603	210	23374.25	8.81	65.57	-0.640
GbDREB-A3-2	Cluster-14585.0	183	20668.59	9.36	73.66	-0.580
GbDREB-A3-3	Cluster-3580.28258	502	56660.59	5.08	58.86	-0.925
GbDREB-A3-4	Cluster-3580.28259	513	57880.04	5.14	57.80	-0.925
GbDREB-A3-5	Cluster-3580.13883	288	31589.62	5.90	64.31	-0.555
GbDREB-A3-6	Cluster-3580.28807	291	33744.14	6.08	57.01	-0.958
GbDREB-A3-7	Cluster-10894.1	503	56422.22	5.78	56.88	-0.839
GbDREB-A3-8	Cluster-3580.13212	510	55353.60	4.88	61.08	-0.625
GbDREB-A3-9	Cluster-3580.12938	294	32745.76	8.71	71.43	-0.624
GbDREB-A3-11	Cluster-790.0	365	39947.73	7.62	66.36	-0.582
GbDREB-A3-12	Cluster-790.1	369	40375.19	7.62	64.85	-0.590

Continuing Table 1

Category and naming	Gene ID	Number of residues	Molecular weight (U)	Theoretical pI	Aliphatic index	GRAVY
GbRAV-1	Cluster-3580.9020	682	75721.32	6.83	66.38	-0.694
GbRAV-2	Cluster-3580.21507	658	72878.02	6.94	64.65	-0.713
GbRAV-3	Cluster-3580.5228	728	80797.68	7.87	62.87	-0.644
GbRAV-4	Cluster-3580.26803	696	77251.51	7.02	62.67	-0.672
GbRAV-5	Cluster-3580.25351	623	68607.21	7.94	66.98	-0.588
GbAP2-1	Cluster-5409.0	790	86877.51	6.01	62.39	-0.745
GbAP2-2	Cluster-3580.16796	657	72014.87	5.91	62.22	-0.557
GbAP2-3	Cluster-3580.16244	675	74108.58	6.07	61.88	-0.583
GbAP2-4	Cluster-6037.0	987	110602.65	6.57	61.27	-0.935
GbAP2-5	Cluster-3580.2960	628	71075.59	9.92	60.00	-0.919