

Table 4 Secondary structure prediction of members of the BRI1 protein family

Name	Alpha helix		Beta turn		Extended strand		Random coil	
	Quantity	Proportion(%)	Quantity	Proportion(%)	Quantity	Proportion(%)	Quantity	Proportion(%)
AhBRI1	414	34.64	40	3.35	165	13.81	576	48.20
AhBRL1	395	33.76	37	3.16	158	13.50	580	49.57
AhBRL2	350	35.53	24	2.44	134	13.60	477	48.43
AtBRI1	452	37.79	34	2.84	146	12.21	564	47.16
AtBRL1	423	36.28	23	1.97	141	12.09	579	49.66
AtBRL2	444	38.85	32	2.80	137	11.99	530	46.37
AtBRL3	408	35.05	32	2.75	162	13.92	562	48.28
MnBRL1	437	36.27	36	2.99	154	12.78	578	47.97
PtBRL2_1	434	38.27	33	2.91	128	11.29	539	47.53
PtBRL2_2	392	34.54	40	3.52	146	12.86	557	49.07
PtBRL3_1	421	34.40	30	2.45	169	13.81	604	49.35
PtBRL3_2	391	31.94	31	2.53	175	14.30	627	51.23