

Table S2. Physiological and biochemical properties of test proteins. CDS, coding sequence; MW, molecular weight of the amino acid sequence; GRAVY, grand average of hydropathicity; pI, theoretical isoelectric point.

Gene	CDS	Amino acids	MW(kDa)	GRAVY	pI	Instability index	Aliphatic index
MbbHLH93	1428	498	54.22	-0.482	5.23	59.89	71.12
MdbHLH93	1560	519	56.47	-0.500	5.07	58.08	70.33
PCP029194	3135	1044	114.43	-0.237	5.32	43.96	85.55
Pp3G312800	1617	538	58.93	-0.548	5.78	55.96	68.72
PCP021567	1605	534	57.79	-0.495	5.61	49.64	74.31
Ro06_G03742	1464	487	52.71	-0.451	5.35	56.03	70.00
AtbHLH93	1056	351	39.48	-0.622	4.80	68.46	75.30