

附表 1 一年生辣椒 R2R3-MYB 蛋白基本信息

Appendix table 1 Basic information of the R2R3-MYB proteins from *Capsicum annuum*

Gene ID	GenBank ID	Subfamilies	Chr.	Protein length (aa)	Molecular weight (kDa)	Isoelectric point	Predict the sub-cellular localization
CaMYB1	PHT92173.1	S26	CaChr01	260	29.81	8.95	Nuclear
CaMYB2	PHT92354.1	S28	CaChr01	338	38.58	6.28	Nuclear
CaMYB3	PHT92630.1	S8	CaChr01	278	31.70	5.09	Nuclear
CaMYB4	PHT92940.1	S7	CaChr01	321	36.81	4.61	Nuclear
CaMYB5	PHT93006.1	S24	CaChr01	299	34.10	4.85	Nuclear
CaMYB6	PHT93927.1	S18	CaChr01	509	55.30	5.56	Nuclear
CaMYB7	PHT94384.1	S16	CaChr01	280	31.87	8.37	Nuclear
CaMYB8	PHT94622.1	S29	CaChr01	367	40.76	6.37	Nuclear
CaMYB9	PHT94937.1	S7	CaChr01	410	45.86	4.96	Extracellular
CaMYB10	PHT95917.1	S26	CaChr01	272	31.55	9.71	Nuclear
CaMYB11	PHT96064.1	S26	CaChr01	277	32.29	10.26	Nuclear
CaMYB12	PHT98671.1	S1	CaChr02	330	36.93	5.29	Nuclear
CaMYB13	PHT90336.1	S23	CaChr02	345	38.25	8.5	Nuclear
CaMYB14	PHT90680.1	S11	CaChr02	381	43.31	6.09	Nuclear
CaMYB15	PHT90879.1	S28	CaChr02	341	38.72	7.17	Nuclear
CaMYB16	PHT91447.1	S14	CaChr02	330	37.44	7.23	Nuclear
CaMYB17	PHT91635.1	S17	CaChr02	257	29.49	8.94	Nuclear
CaMYB18	PHT91875.1	S1	CaChr02	304	34.33	7.34	Nuclear
CaMYB19	PHT91893.1	S9	CaChr02	415	45.20	5.83	Extracellular
CaMYB20	PHT91999.1	S8	CaChr02	255	29.41	6.31	Nuclear
CaMYB21	PHT85511.1	S17	CaChr03	261	30.70	9.29	Nuclear
CaMYB22	PHT85687.1	S2	CaChr03	278	31.50	4.98	Nuclear
CaMYB23	PHT86364.1	S27	CaChr03	233	27.01	9.78	Nuclear
CaMYB24	PHT86610.1	S27	CaChr03	250	28.83	9.95	Nuclear
CaMYB25	PHT87835.1	S21	CaChr03	245	29.10	8.71	Nuclear
CaMYB26	PHT88024.1	S13	CaChr03	332	37.96	5.63	Nuclear
CaMYB27	PHT88073.1	S25	CaChr03	372	42.88	5.89	Nuclear
CaMYB28	PHT88110.1	S27	CaChr03	355	39.75	6.98	Extracellular
CaMYB29	PHT88362.1	S1	CaChr03	334	36.72	6.68	Nuclear
CaMYB30	PHT88689.1	S20	CaChr03	293	33.72	7.22	Nuclear
CaMYB31	PHT83486.1	S24	CaChr04	347	39.27	5.97	Nuclear
CaMYB32	PHT83629.1	S27	CaChr04	332	37.57	7.1	Nuclear
CaMYB33	PHT84462.1	S14	CaChr04	330	37.35	8.34	Nuclear
CaMYB34	PHT84596.1	S23	CaChr04	326	35.52	9.71	Nuclear
CaMYB35	PHT84665.1	S23	CaChr04	262	29.32	8.45	Nuclear
CaMYB36	PHT82022.1	S24	CaChr05	312	35.75	9.4	Nuclear
CaMYB37	PHT82135.1	S22	CaChr05	406	44.04	4.94	Extracellular
CaMYB38	PHT82223.1	S17	CaChr05	237	27.91	9.91	Nuclear
CaMYB39	PHT82246.1	S20	CaChr05	317	36.80	6.79	Nuclear
CaMYB40	PHT77586.1	S19	CaChr06	231	27.07	6.51	Nuclear
CaMYB41	PHT78012.1	S30	CaChr06	238	28.08	8.04	Nuclear
CaMYB42	PHT78581.1	S2	CaChr06	280	32.26	7.24	Nuclear
CaMYB43	PHT79168.1	S4	CaChr06	288	32.11	9.41	Nuclear
CaMYB44	PHT79962.1	S18	CaChr06	495	54.20	5.59	Nuclear
CaMYB45	PHT80075.1	S14	CaChr06	301	34.26	7.73	Nuclear
CaMYB46	PHT80171.1	S30	CaChr06	225	26.35	6.37	Nuclear
CaMYB47	PHT80426.1	S2	CaChr06	237	26.99	5.42	Nuclear
CaMYB48	PHT75195.1	S14	CaChr07	342	38.73	6.16	Nuclear
CaMYB49	PHT75521.1	S16	CaChr07	279	31.76	6.29	Nuclear
CaMYB50	PHT75561.1	S6	CaChr07	214	24.80	9.56	Nuclear
CaMYB51	PHT75572.1	S6	CaChr07	214	24.72	9	Nuclear
CaMYB52	PHT76439.1	S18	CaChr07	485	53.83	6.85	Extracellular
CaMYB53	PHT76531.1	S27	CaChr07	229	26.57	6.4	Nuclear
CaMYB54	PHT76534.1	S27	CaChr07	249	29.00	8.73	Nuclear
CaMYB55	PHT76539.1	S11	CaChr07	337	38.47	6.16	Nuclear
CaMYB56	PHT76677.1	S9	CaChr07	275	31.98	9.32	Nuclear
CaMYB57	PHT77523.1	S3	CaChr07	298	33.79	6.73	Nuclear
CaMYB58	PHT73830.1	S26	CaChr08	293	32.95	7.71	Nuclear
CaMYB59	PHT74496.1	S8	CaChr08	310	34.60	6.93	Nuclear

<i>CaMYB60</i>	PHT71769.1	S30	CaChr09	118	13.96	10.3	Nuclear
<i>CaMYB61</i>	PHT71785.1	S14	CaChr09	311	34.98	6.77	Nuclear
<i>CaMYB62</i>	PHT72159.1	S18	CaChr09	361	41.33	9.75	Nuclear
<i>CaMYB63</i>	PHT72198.1	S25	CaChr09	451	50.14	6.9	Nuclear
<i>CaMYB64</i>	PHT73137.1	S27	CaChr09	172	19.87	8.94	Nuclear
<i>CaMYB65</i>	PHT73144.1	S25	CaChr09	521	59.64	6.79	Extracellular
<i>CaMYB66</i>	PHT73196.1	S18	CaChr09	479	53.59	6.24	Extracellular
<i>CaMYB67</i>	PHT73553.1	S14	CaChr09	268	30.47	6.12	Nuclear
<i>CaMYB68</i>	PHT69515.1	S3	CaChr10	225	25.92	8.87	Nuclear
<i>CaMYB69</i>	PHT69534.1	S27	CaChr10	318	35.62	8.17	Nuclear
<i>CaMYB70</i>	PHT69931.1	S11	CaChr10	321	36.46	7.74	Nuclear
<i>CaMYB71</i>	PHT69965.1	S28	CaChr10	331	38.04	6.23	Nuclear
<i>CaMYB72</i>	PHT70378.1	S4	CaChr10	263	29.90	7.95	Nuclear
<i>CaMYB73</i>	PHT70552.1	S25	CaChr10	539	60.08	8.94	Extracellular
<i>CaMYB74</i>	PHT70593.1	S6	CaChr10	258	29.63	8.49	Nuclear
<i>CaMYB75</i>	PHT70989.1	S30	CaChr10	203	23.65	6.36	Nuclear
<i>CaMYB76</i>	PHT71270.1	S21	CaChr10	343	39.72	7.35	Extracellular
<i>CaMYB77</i>	PHT67233.1	S4	CaChr11	162	18.70	9.85	Nuclear
<i>CaMYB78</i>	PHT67771.1	S21	CaChr11	452	49.67	7.5	Extracellular
<i>CaMYB79</i>	PHT67883.1	S25	CaChr11	476	53.28	6.51	Extracellular
<i>CaMYB80</i>	PHT68519.1	S8	CaChr11	224	25.99	6.71	Nuclear
<i>CaMYB81</i>	PHT68695.1	S29	CaChr11	357	39.95	6.51	Nuclear
<i>CaMYB82</i>	PHT68777.1	S30	CaChr11	220	25.89	7.6	Nuclear
<i>CaMYB83</i>	PHT66282.1	S5	CaChr12	352	39.60	6.51	Nuclear
<i>CaMYB84</i>	PHT66425.1	S23	CaChr12	242	27.22	8.33	Nuclear
<i>CaMYB85</i>	PHT66981.1	S20	CaChr12	290	34.18	7.07	Nuclear
<i>CaMYB86</i>	PHT66982.1	S20	CaChr12	269	31.54	7.11	Nuclear
<i>CaMYB87</i>	PHT62995.1	S27	CaSca.1085	247	28.42	6.62	Nuclear
<i>CaMYB88</i>	PHT62996.1	S27	CaSca.1085	258	29.65	8.9	Nuclear
<i>CaMYB89</i>	PHT62538.1	S13	CaSca.1248	420	47.23	7.26	Nuclear
<i>CaMYB90</i>	PHT62351.1	S9	CaSca.1335	342	39.13	8.87	Nuclear
<i>CaMYB91</i>	PHT62353.1	S9	CaSca.1335	346	39.45	8.54	Nuclear
<i>CaMYB92</i>	PHT64037.1	S4	CaSca.588	239	27.61	9.64	Nuclear
<i>CaMYB93</i>	PHT63325.1	S19	CaSca.973	196	22.56	6.8	Nuclear
<i>CaMYB94</i>	PHT63293.1	S13	CaSca.993	319	36.98	6.85	Nuclear