

黑果枸杞 LrMYB1 互作蛋白的筛选及基因表达分析

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Screening for LrMYB1-Interacting Proteins and Gene Expression Analysis in *Lycium ruthenicum* Murr.

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附表 1 引物列表

Supplementary Table 1 Primer list

引物名称	基因 ID	序列 (5'-3')	产物长度 (bp)
Primer	Gene ID	Sequence (5'-3')	Product (bp)
LrMYB1-F	KF768075	GAATTCATGAATACTAGTGTTACTATT	783
LrMYB1-R		GGATCCTAATTCAGTAGATTCCATAGG T	
LrMYB1 ^{1-115aa} -F	KF768075	GAATTCATGAATACTAGTGTTACTATT	357
LrMYB1 ^{1-115aa} -R		GGATCCTTACACTTTATGCTTCCGGCT	
01-Unknown-F	XP_009614685.1	TAGATGCGGAACCTGCGACTTTG	166
01-Unknown-R		ATGCCTTATTTCTGCCTCCATAGG	
12-Annexin p34-F	NP_001234104.1	ATGCCTTATTTCTGCCTCCATAGG	156
12-Annexin p34-R		ACTTCAGCCCTGGTTGCGATAA	
14-Unknown-F	XP_019228985.1	TCAAGTTGTGCGACGAAGAGT	160
14-Unknown-R		ACTTTGTGCGTCATAGTTCATTCT	
25-F-box PP2-A15 like-F	XP_006339102.1	TAACGCCACCGAAATATGTAGT	131
25-F-box PP2-A15 like-R		CCAACGAGGCAGTAAGTCAAGC	
30-GAPDH-F	XP_019238699.1	TGTGGGTGTCAACGAGAAGGAA	162
30-GAPDH-R		TTCTGGGTGGCAGTCATGGAG	
32-DFR1-F	XP_006338567.1	GCTGCTATCTAACGCCGCTGTC	142
32-DFR1-R		ACCGAGGAAGGATACGCCACTG	
43-PP2C 37 like-F	XP_015076799.1	AAGAAAGAATCTTGAAAGACGCG	105
43-PP2C 37 like-R		TCTACAACCAGAACCTGATGGGAAA	

附表 2 LrMYB1^{1-115aa} 互作蛋白注释结果Supplementary Table 2 Annotation results of LrMYB1^{1-115aa} interaction protein

酵母编号	Genbank ID	基因功能注释	筛选次数
Code of yeast clone	Genbank ID	Function annotation	Number of screening
LrMYB1 1-115aa-01	XP_009614685.1	Uncharacterized protein LOC104107555	2
LrMYB1 1-115aa-02	NP_001275241.1	Uncharacterized LOC102591911	2
LrMYB1 1-115aa-04	XP_006341265.1	Uncharacterized protein LOC102603449	13
LrMYB1 1-115aa-05	XP_016580228.1	Suppressor of mec-8 and unc-52 protein homolog 2-like	1
LrMYB1 1-115aa-06	XP_006361722.1	Overexpressor of cationic peroxidase 3	2
LrMYB1 1-115aa-09	KAF3639406.1	Suppressor of mec-8 and unc-52 protein -like protein 2	1
LrMYB1 1-115aa-10	PHU20753.1	Isoaspartyl peptidase/L-asparaginase	1
LrMYB1 1-115aa-12	NP_001234104.1	Annexin p34	1
LrMYB1 1-115aa-14	XP_019228985.1	Uncharacterized protein LOC109210066 isoform X2	1
LrMYB1 1-115aa-16	PHT60710.1	Vesicle-associated protein 1-4	1
LrMYB1 1-115aa-24	XP_009626480.1	Reticulon-like protein B2	1
LrMYB1 1-115aa-25	XP_006339102.1	F-box protein PP2-A15-like	1
LrMYB1 1-115aa-27	XP_009605786.1	Nuclear pore complex protein NUP107	1
LrMYB1 1-115aa-28	XP_019223777.1	Exocyst complex component SEC5A-like	1
LrMYB1 1-115aa-30	XP_019238699.1	GAPDH	1
LrMYB1 1-115aa-32	XP_006338567.1	DFR1	1
LrMYB1 1-115aa-33	XP_016538685.1	Serine/arginine-rich-splicing factor SR34-like isoform X1	1
LrMYB1 1-115aa-34	TMW80895.1	Hypothetical protein EJD97_013922	2
LrMYB1 1-115aa-39	XP_006344630.1	dnaJ homolog subfamily C member 5 homolog	1
LrMYB1 1-115aa-40	XP_015082177.1	Homeobox protein knotted-1-like LET12	1
LrMYB1 1-115aa-43	XP_015076799.1	Protein phosphatase 2C 37-like	1
LrMYB1 1-115aa-44	XP_009764670.1	Charged multivesicular body protein 5-like	1