

表2 20对姜黄 EST-SSR 引物信息

Table 2 Information of 20 EST-SSR primer pairs in *Curcuma longa* L.

引物编号 Primer code	登陆号 Accession No	重复基序 Repeat motif	引物序列 Primer sequence	退火温度 (°C) Tm (°C)	产物大小 (bp) Product size(bp)	等位基 因数量 No. of allele	EST 注释 The notation of the EST
Cur-SRR1	DY394555	(AGA)13	F:AGCAAAGAAAT AGGACAAGGGA R:CTGATTAAGGAC AAGGGAGCAG	59.26	206	2	尿苷二磷酸葡萄糖脱氢酶 (UDPG_MGDP_dh_C 超家族) UDP-glucose dehydrogenase (UDPG_MGDP_dh_C superfamily)
Cur-SRR2	DY383427	(CACCAT)4	F:AGGTAGGGTAG CAGGTTGGAGT R:GTAAAAGCCAA TTCCGCTATG	60.42	261	3	假定脂质结合蛋白(nsLTP_like, AAI_LTSS 超家族) Predicted lipid binding protein (nsLTP_like, AAI_LTSS superfamily)
Cur-SRR3	DY390813	(AAG)7	F:GTTACGGAAAA GCAAAAGGAGA R:CAAACCTCTCAA GCTCCAGTCCT	59.77	329	2	假定蛋白 Predicted protein
Cur-SRR4	DY386267	(AGC)6	F:CTTGACAGGAC AGCAACAGAAC R:CGATGACAGAA GAGAGAGAGCA	59.95	156	4	墨西哥类蜀黍硬壳构造 <i>Teosinte glume architecture 1 (Tga1)</i>
Cur-SRR5	DY386694	(TCTTC)5	F:CAATCCCTTGAT GTTGCATA R:CGTAGCACAGTT GTTGAAGATT	57.00	224	1	氨基酸转运蛋白 Amino acid transport protein
Cur-SRR6	DY394597	(AACCT)3	F:CTTCTCTTCT CTCCCCACCT R:CACACAGAAAC CATCGTGAAGT	60.37	362	4	假定蛋白 Hypothetical protein
Cur-SRR7	DY392387	(CATTCC)5	F:AACATGAGGAG GAGCAACGTAT R:GCTGAAGGTGA AGGAGATCAAG	60.03	327	5	叶绿素 a/b 结合蛋白 Chlorophyll a/b binding protein (Chloroa_b-bind Superfamily)
Cur-SRR8	DY394533	(GAGGTG)3	F:TGGCTCCCTCA AGATACAAAT R:AGTTCACCTCCA GTTCAGCTC	59.97	210	2	未见报道 No report
Cur-SRR9	DY389797	(GCTTGA)3	F:TTTTGGTTCTGA CTCTGGGAAT R:AGAGGTCTTTTG ATCTGCAAGC	59.98	162	2	假定蛋白 Hypothetical protein
Cur-SRR10	DY386005	(TTCCTT)3	F:GGATTGAAGGC GATGAGTTTAG R:GAGGGGAGGAA GGACACATTAC	60.10	137	4	未知蛋白(DUF1639超家族) Unknown protein (DUF1639 superfamily)

续表 2
Continuing table

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Cur-SRR11	DY382803	(CGCCGT)3	F:CAGAACTCCAA CTGGTTAAGGG R:CCGTATCTCACT ACAATTCCTTCC	60.03	288	2	EF 手臂钙离子结合蛋白 CCD1 EF-hand Ca ²⁺ -binding protein CCD1
Cur-SRR12	DY389792	(CTGCTC)5	F:CTGCTCCTGCTC CTGCTC R:GGTTGGTTATTT GTCGAGTTCC	59.96	271	6	HemY 蛋白 HemY protein
Cur-SRR13	DY382927	(CTC)4.33	F:AGAAGGAAGGA AGAGGAAGGAA R:TCTGTGAGAAC CAGTCGAAGAA	59.83	342	2	假定蛋白(CRIB 超家族) Predicted protein (CRIB superfamily)
Cur-SRR14	DY389892	(GAA)7	F:AGTCCGTGGGA GAAGAGGATA R:ATCGAATGGCCG TAACTCCTA	60.08	161	5	假定脂蛋白 Putative lipoprotein
Cur-SRR15	DY390360	(AG)9	F:CTTCAACTGCAA GCATCTAAGC R:CCCCTCTCCGA TTTCTTCA	59.32	292	2	未见报道 No report
Cur-SRR16	DY393227	(AAT)8	F:CAAGCACCAAC CTTTAACAACA R:AGCCTGCTGCCT AAACATCTAC	60.07	190	2	未见报道 No report
Cur-SRR17	DY389358	(CTT)6	F:AGATGCTGCTAT TAAGCCAAGC R:CTATCGAACTGA ATGACGCCTT	60.04	313	1	未见报道 No report
Cur-SRR18	DY389791	(AGGAGC)8	F:GGTTTTACCTT CCCAACTCTA R:CTCCTCCTCCTC CTCCTCC	59.50	352	3	HemY 蛋白 HemY protein
Cur-SRR19	DY382997	(CAG)6	F:TCCGTACCAGGC TTATCAGAAC R:TGGTCTGCTCGA TCTCTCTGTA	60.50	104	1	转录因子(H2A 超家族) Transcription factor (H2A superfamily)
Cur-SRR20	DY390009	(CTCCGC)4	F:GAGACCTCCCTT TAGCTCTTCC R:AGCCAGCTTCC GTGTTAGATAC	59.86	274	2	RNA-binding protein Nova-1 (PCBP_like_KH KH-I Superfamily) RNA 结合蛋白 Nova-1