

表 2 金针菇线粒体内含子概况

Table 2 Overview of mitochondrial introns in *F. velutipes*

菌株	内含子	种类	长度	开放阅读框	保守区域
Strains	Intron	Class	Length (bp)	ORF	Conserved domain
4019-20	Cox1-i1	IB	1 576	orf381	GIY-YIG_SF superfamily
	Cox1-i2	IB (3')	1 515	orf372	LAGLIDADG_1 superfamily
	Cox1-i3	IB	1 257	orf387	LAGLIDADG_1 superfamily
	Cox1-i4	I (derived)	1 496	orf240	*
	Cox1-i5	IB (5'), IB (3')	1 116	orf345	LAGLIDADG_1 superfamily
	Cox1-i6	IB	1 619	orf330; orf111	LAGLIDADG_1 superfamily
	Cox1-i7	IA	1 343	orf234	GIY-YIG_Cterm
	Cob-i1	ID	1 525	orf344	grpintron_endonuclease
	Nad5-i1	IC2	1 282	orf418_2	LAGLIDADG_1 superfamily
	6-3	Cox1-i1	IB	1 566	orf381
Cox1-i2		IB (3')	1 534	orf372	LAGLIDADG_1 superfamily
Cox1-i3		IB	1 257	orf387	LAGLIDADG_1 superfamily
Cox1-i4		IB	1 449	orf375	GIY-YIG_SF superfamily
Cox1-i5		I (derived)	1 496	orf240	*
Cox1-i6		IB (5')	1 116	orf345	LAGLIDADG_1 superfamily
Cox1-i7		IB	1 618	orf330; orf111	LAGLIDADG_1 superfamily
Cox1-i8		IA	1 332	orf283	grpintron_endonuclease
Cob-i1		ID	1 525	orf344	grpintron_endonuclease
Nad5-i1		IC2	1 282	orf327	LAGLIDADG_1 superfamily
6-21	Cox1-i1	IB	1 566	orf381	GIY-YIG_SF superfamily
	Cox1-i2	IB (3')	1 534	orf372	LAGLIDADG_1 superfamily
	Cox1-i3	IB	1 257	orf387	LAGLIDADG_1 superfamily
	Cox1-i4	IB	1 449	orf349	GIY-YIG_SF superfamily
	Cox1-i5	*	1 496	orf240	*
	Cox1-i6	*	1 116	orf345	LAGLIDADG_1 superfamily
	Cox1-i7	IB	1 618	orf330; orf111	LAGLIDADG_1 superfamily
	Cox1-i8	IA	1 332	orf283	grpintron_endonuclease
	Cob-i1	ID	1 526	orf314	grpintron_endonuclease
	Nad5-i1	IC2	1 282	orf327	LAGLIDADG_1 superfamily
L22	Cox1-i1	IB	1 566	orf381	GIY-YIG_SF superfamily
	Cox1-i2	IB (3')	1 534	orf372	LAGLIDADG_1 superfamily
	Cox1-i3	IB	1 257	orf387	LAGLIDADG_1 superfamily
	Cox1-i4	IB	1 449	orf375	GIY-YIG_SF superfamily
	Cox1-i5	I (derived)	1 496	orf240	*
	Cox1-i6	IB (5')	1 116	orf345	LAGLIDADG_1 superfamily
	Cox1-i7	IB	1 618	orf330; orf111	LAGLIDADG_1 superfamily
	Cox1-i8	IA	1 332	orf283	grpintron_endonuclease
	Cob-i1	ID	1 525	orf344	grpintron_endonuclease
	Nad5-i1	IC2	1 282	orf327	LAGLIDADG_1 superfamily

注: *: 表示 "无"

Note: *: means "none"