

stand 1 stand 2 stand 3 Helix

	280	290	300	310	320	330	340	350	360	370	380	390	400	410
A-1	PtrDREB60	-VAVLKKNKAGRKKF	---K	ETRH	PVYR	GVR	RR	NGNK	WV	CEV	REP	EN	---	---
	PtrDREB61	-VTVLKKKKAGRKKF	---K	ETRH	PVYR	GVR	RR	NGNK	WV	CEV	REP	EN	---	---
	PtrDREB62	-ATSFPKKRAGRRIF	---R	ETRH	PVYR	GVR	RR	NGNK	WV	CEM	REP	EN	---	---
	PtrDREB63	-ATSRPKKRAGRRIF	---K	ETRH	PVYR	GVR	RR	NGDK	WV	CEL	REP	EN	---	---
	PtrDREB64	-ASRNPKKRAGRKKF	---R	ETRH	PVYR	GVR	RR	NSGK	WV	CEV	REP	EN	---	---
	PtrDREB65	-ASRNPKKRAGRKKF	---R	ETRH	PVYR	GVR	RR	NSGK	WV	CEV	REP	EN	---	---
A-2	PtrDREB3	QVSKVPGKSKKGMKGGPENMNCRYR	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB4	QITKVPKGSKKGMKGGPENKSCRYR	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB7	PVRKVPAGSKKGMKGGPENSVCNRYR	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB8	PVRKVPAGSKKGMKGGPENSVCNRYR	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB9	QFKKPAQASSRKGCMRGKGGPENALCTYK	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB10	QFKKPEQASSRKGCMRGKGGPENALCTYK	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB5	NCGKSPKPKWKKGPTRGKGGPQAMCDYR	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB6	NRRSPLKPKWKKGPTRGKGGPQAMCEYR	GVR	QR	TW	GK	WV	AE	IR	EP	EN	---	---	---
	PtrDREB20	---	MTRP	QQR	RYR	GVR	QR	HW	GS	WV	SE	IR	HPL	---
	PtrDREB21	---	HFTNTY	QTSRS	FET	FL	SIT	MTRP	QQR	RYR	GVR	QR	HW	GS
	PtrDREB22	---	MARP	QQR	RYR	GVR	QR	HW	GS	WV	SE	IR	HPL	---
	PtrDREB23	---	MARP	QQR	RYR	GVR	QR	HW	GS	WV	SE	IR	HPL	---
	PtrDREB24	---	MVQ	SKK	FR	GVR	QR	QW	GS	WV	SE	IR	HPL	---
	PtrDREB25	---	MILIC	SSV	FLS	FLS	QIMV	Q	SKK	FR	GVR	QR	QW	GS
	PtrDREB27	---	MV	S	K	F	R	G	V	R	G	V	R	G
	PtrDREB28	---	MV	S	K	F	R	G	V	R	G	V	R	G
	PtrDREB26	---	MV	S	K	F	R	G	V	R	G	V	R	G
A-3	PtrDREB1	---	TNS	NN	SS	G	SS	R	K	C	K	G	G	P
	PtrDREB2	---	TNS	NN	SS	G	SS	R	K	C	K	G	G	P
A-4	PtrDREB45	---	ME	ER	N	T	A	S	H	---	---	---	---	---
	PtrDREB46	---	ME	ER	N	T	---	---	---	---	---	---	---	---
	PtrDREB44	---	ME	GR	N	S	T	A	H	---	---	---	---	---
	PtrDREB48	---	L	L	L	A	K	M	E	G	R	T	R	D
	PtrDREB49	---	ME	GR	I	R	D	G	H	L	---	---	---	---
	PtrDREB47	---	ME	GR	S	R	D	A	H	G	---	---	---	---
	PtrDREB52	---	TR	G	S	G	T	---	---	---	---	---	---	---
	PtrDREB53	---	TR	G	S	G	N	---	---	---	---	---	---	---
	PtrDREB51	---	PR	G	S	G	T	---	---	---	---	---	---	---
	PtrDREB66	---	GN	EG	K	R	R	K	T	T	E	N	---	---
	PtrDREB75	---	GN	EG	N	K	R	K	T	T	R	N	---	---
	PtrDREB67	---	NY	ES	D	K	A	K	R	R	G	N	---	---
	PtrDREB68	---	NN	ES	N	K	A	K	S	G	G	N	---	---
	PtrDREB69	---	I	Q	---	---	---	---	---	---	---	---	---	---
	PtrDREB70	---	V	D	---	---	---	---	---	---	---	---	---	---
	PtrDREB71	---	E	E	N	P	R	K	P	R	E	S	T	S
	PtrDREB72	---	E	K	N	L	R	K	P	R	E	---	---	---
	PtrDREB73	---	S	P	---	---	---	---	---	---	---	---	---	---
	PtrDREB74	---	S	P	---	---	---	---	---	---	---	---	---	---
	PtrDREB54	---	A	A	A	---	---	---	---	---	---	---	---	---
	PtrDREB55	---	S	A	S	A	I	A	P	K	---	---	---	---
	PtrDREB56	---	R	P	I	R	P	P	G	S	A	S	A	P
	PtrDREB57	---	R	---	---	---	---	---	---	---	---	---	---	---
	PtrDREB58	---	M	A	T	T	S	---	---	---	---	---	---	---
	PtrDREB59	---	M	A	T	T	S	---	---	---	---	---	---	---
A-5	PtrDREB29	---	P	C	K	S	A	P	P	K	V	R	Q	---
	PtrDREB34	---	R	R	E	R	G	D	---	---	---	---	---	---
	PtrDREB35	---	R	R	E	R	R	V	---	---	---	---	---	---
	PtrDREB40	---	S	S	S	G	Q	Q	S	D	R	N	---	---
	PtrDREB41	---	S	S	S	V	S	E	Q	Q	S	D	R	N
	PtrDREB42	---	N	T	E	K	P	V	A	E	R	---	---	---
	PtrDREB43	---	S	V	E	K	P	V	A	E	R	---	---	---
	PtrDREB36	---	I	Q	S	E	A	S	K	P	V	A	I	S
	PtrDREB37	---	I	Q	S	E	T	S	T	P	M	P	T	S
A-6	PtrDREB11	---	Q	K	P	S	F	S	S	A	S	T	S	P
	PtrDREB12	---	Q	K	P	S	F	S	S	A	S	T	S	P
	PtrDREB13	---	H	S	S	N	L	A	P	T	K	---	---	---
	PtrDREB16	---	R	A	S	N	F	L	A	P	K	P	V	M
	PtrDREB18	---	R	T	S	N	F	L	A	P	K	P	V	M
	PtrDREB17	---	Q	T	L	K	F	L	S	P	K	P	I	M
	PtrDREB19	---	Q	T	L	K	F	L	S	P	K	P	V	M
	PtrDREB14	---	P	N	G	R	P	L	F	R	P	P	I	Q
	PtrDREB15	---	P	D	G	R	P	L	F	R	P	P	I	Q

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