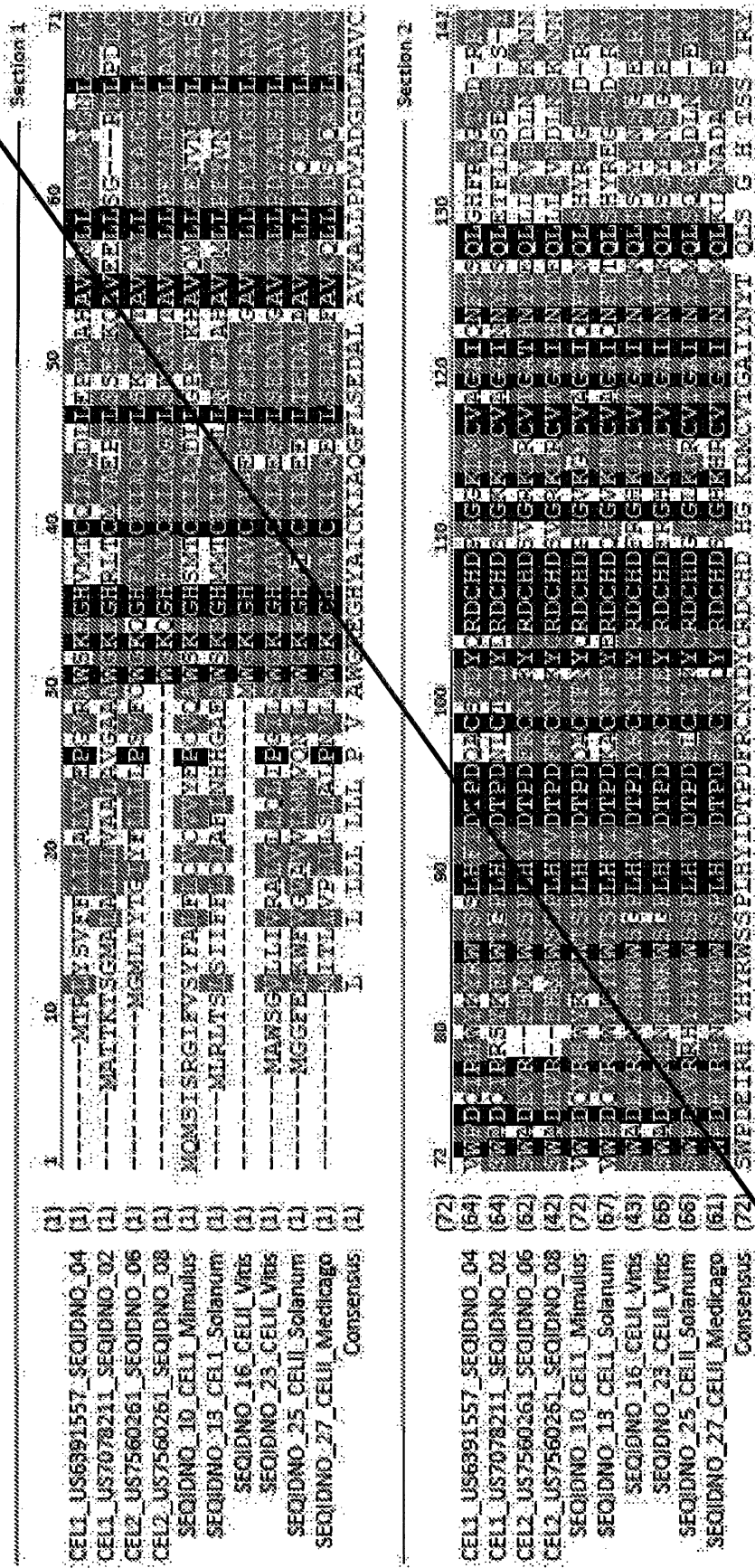




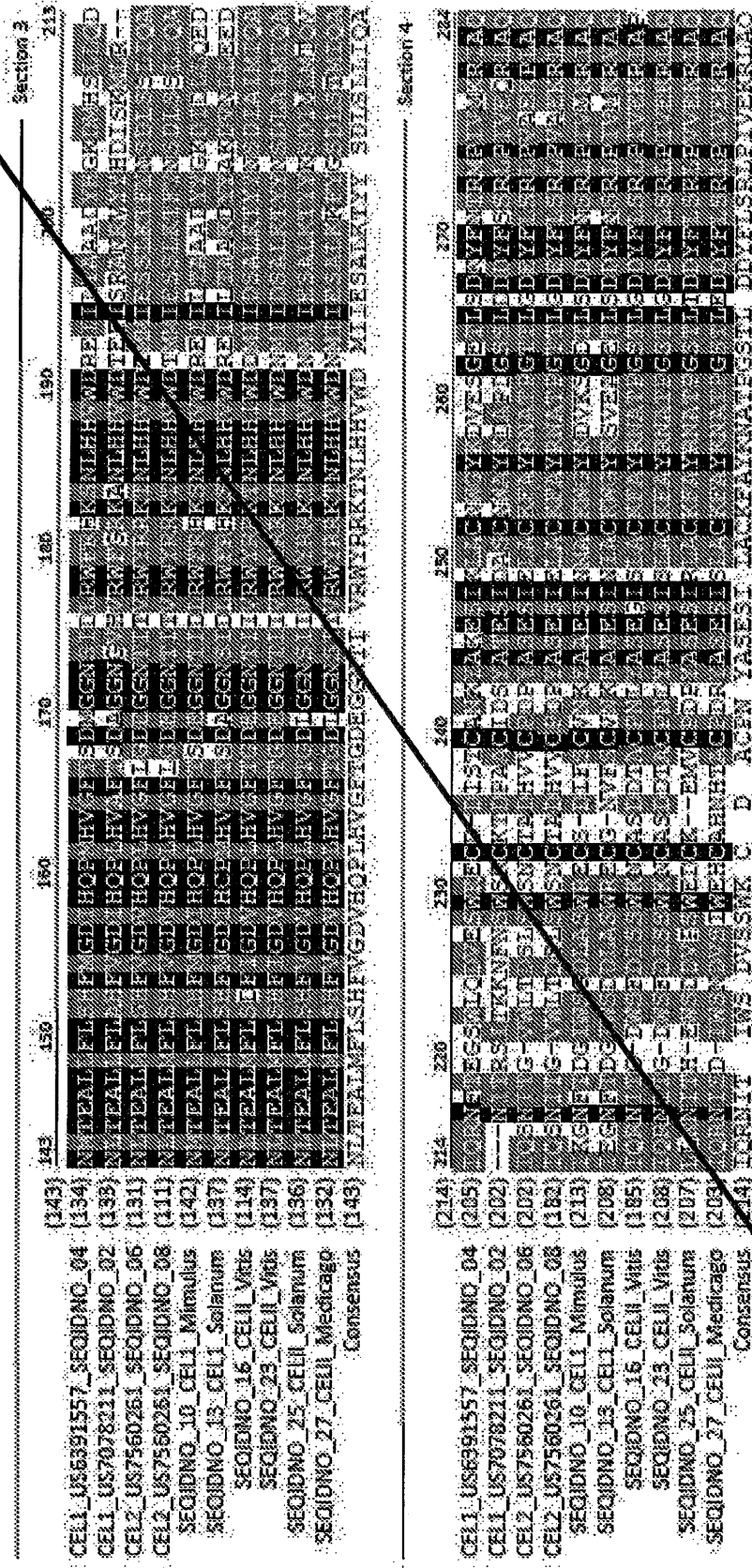


FIG. 4
(SHEET 2 OF 3)

FIG. 4
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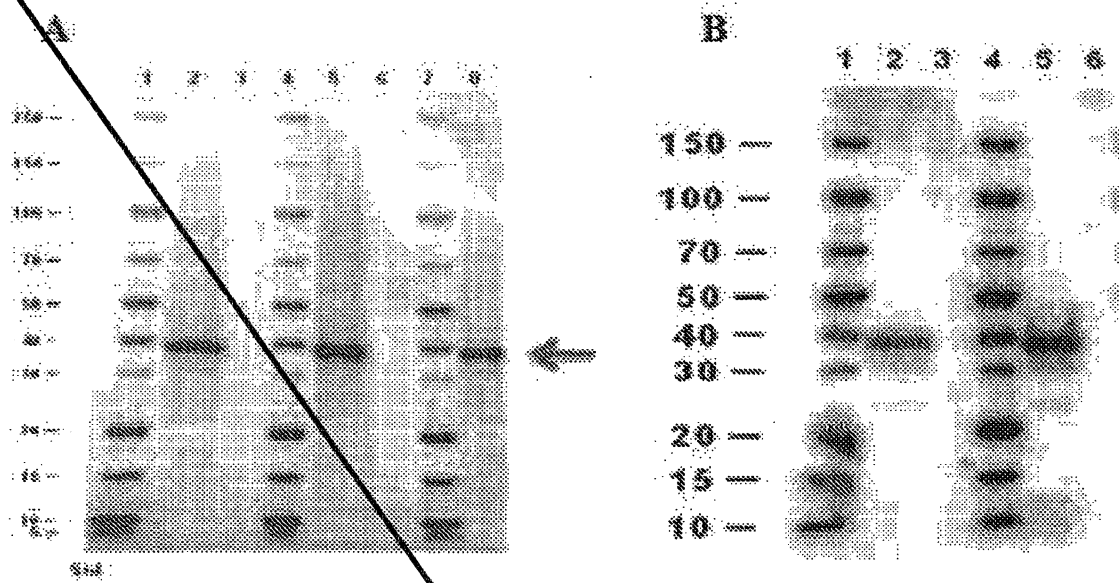


FIG. 5

Section 1										Section 2									
1	10	20	30	40	50	60	71			72	80	90	100	110	120	130	142		
(1)	CELL_US6391557_SEQIDNO_04	---	MTRISVFFELIDALVWEPGVRAWSKEGHWMTICQIAQDILLEPAAHFAVAKMLLEDYANGNLSLCC							(72)	WPEDEIRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
(1)	CELL_US7078211_SEQIDNO_02	---	MATTKTSGMAFALLHVAALVAGRAAGKRGHRLTICMVAEEFLSESKQAVEELLISG---RIILPILC							(64)	SWPDEIRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
(1)	CEL2_US7560261_SEQIDNO_06	---	---	---	---	---	---	---	---	(64)	SWPDEVR---FEMRWSSPLHYVDTDPDFRCNRYCRDCHD								
(1)	CEL2_US7560261_SEQIDNO_08	---	---	---	---	---	---	---	---	(62)	SWPDEVR---FEMRWSSPLHYVDTDPDFRCNRYCRDCHD								
(1)	SEQIDNO_10_CELL_Mimulus		---	---	---	---	---	---	---	(42)	SWPDEVR---FEMRWSSPLHYVDTDPDFRCNRYCRDCHD								
(1)	SEQIDNO_13_CELL_Solanum		---	---	---	---	---	---	---	(72)	WPEDEVRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
	SEQIDNO_16_CELL_Vitis		---	---	---	---	---	---	---	(67)	WPEDEVRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
	SEQIDNO_23_CELL_Vitis		---	---	---	---	---	---	---	(43)	SWADEIRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
	SEQIDNO_25_CELL_Solanum		---	---	---	---	---	---	---	(66)	SWADEIRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
	SEQIDNO_27_CELL_Medicago		---	---	---	---	---	---	---	(66)	SWPDEVRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
	Consensus		---	---	---	---	---	---	---	(61)	SWPDEVRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
			L	L	L	L	L	L	L	(72)	SWPDEVRHAKYRWISLHFIIDTPDQACSEFDYCRDCHD								
			L	L	L	L	L	L	L										

FIG. 4
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Section 3									
	143	150	160	170	180	190	200	210	213
(143)	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
CELL_US6391557_SEQIDNO_04	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
CELL_US7078211_SEQIDNO_02	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
CELL_US7560261_SEQIDNO_06	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
CELL_US7560261_SEQIDNO_08	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
SEQIDNO_10_CELL_Mimulus	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
SEQIDNO_13_CELL_Solanum	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
SEQIDNO_16_CELL_Vitis	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
SEQIDNO_23_CELL_Vitis	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
SEQIDNO_25_CELL_Solanum	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
SEQIDNO_27_CELL_Medicago	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
Consensus	NTTEALIFLSHF	MGDIHQPLHVGFTS	DMGGNSID	LRWFRKSNLHHVWIRE	IIITAAAI	YHGRDMHSLI	OD		
Section 4									
	214	220	230	240	250	260	270	284	
(214)	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
CELL_US6391557_SEQIDNO_04	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
CELL_US7078211_SEQIDNO_02	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
CELL_US7560261_SEQIDNO_06	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
CELL_US7560261_SEQIDNO_08	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
SEQIDNO_10_CELL_Mimulus	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
SEQIDNO_13_CELL_Solanum	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
SEQIDNO_16_CELL_Vitis	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
SEQIDNO_23_CELL_Vitis	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
SEQIDNO_25_CELL_Solanum	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
SEQIDNO_27_CELL_Medicago	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ
Consensus	IQRNTEGSRLOQ	DVSEWRECD	DISTCAN	MAKESI	KAC	NWGYKDVES	GETLS	DKYFN	TRMPIVMARRIAQ

FIG. 4
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	285	290	300	310	320	334
CELL_US6391557_SEQIDNO_04	(285)	GGIRLSMILNREVLGSS			ADHSLA	
CELL_US7078211_SEQIDNO_02	(275)	GGVRLASILNRIEFGAK			SNRSRSM	
CELL_US7560261_SEQIDNO_06	(270)	AGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
CELL_US7560261_SEQIDNO_08	(272)	AGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
CELL_US7560261_SEQIDNO_08	(252)	AGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
SEQIDNO_10_CELL_Mimulus	(283)	GGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
SEQIDNO_13_CELL_Solanum	(278)	GGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
SEQIDNO_16_CELL_Vitis	(255)	GGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
SEQIDNO_23_CELL_Vitis	(278)	GGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
SEQIDNO_25_CELL_Solanum	(275)	GGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
SEQIDNO_27_CELL_Medicago	(273)	GGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	
Consensus	(285)	GGVRLAATLNRIEFTSNP	SDLR	LNMHNGGHS	SNNIEIV	

FIG. 4
(SHEET 3 OF 3)

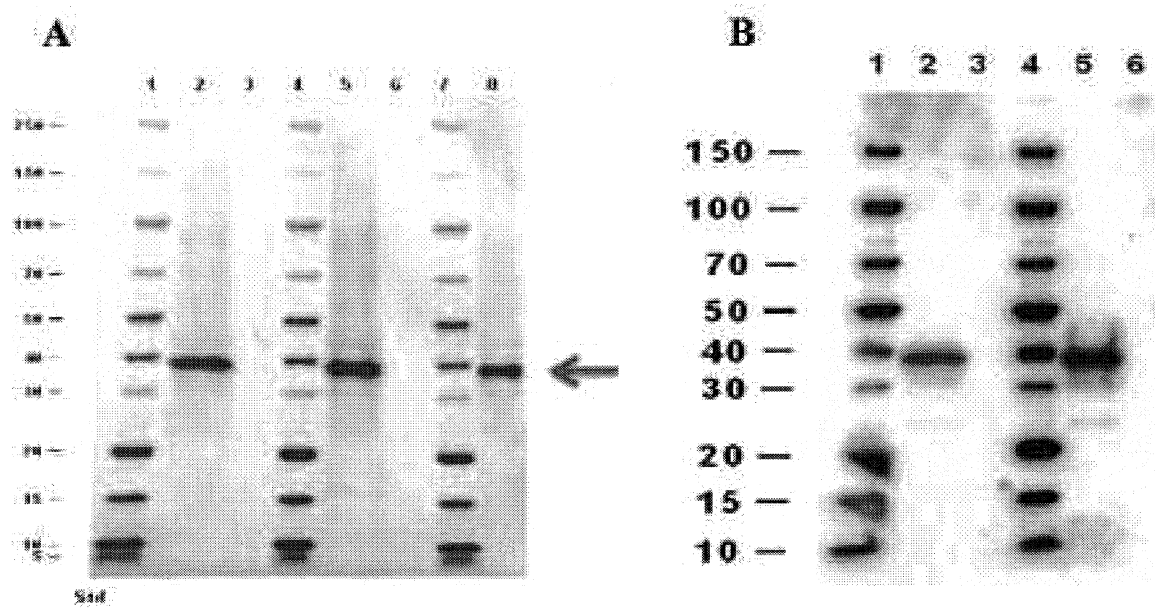


FIG. 5