BLAST ® » blastn suite-2sequences » RID-G2CGS096114

BLAST Results

Blast 2 sequences

Icl|/home/jayp/bigtest/Executable File 1.exe

RID <u>G2CGS096114</u> (Expires on 04-04 23:09 pm)

Query ID |cl|Query_82795 **Description** Icl|/home/jayp/bigtest/Executable File

1.exe

Molecule type nucleic acid

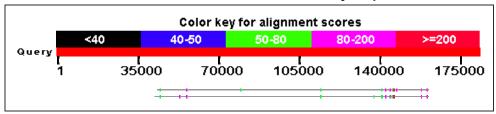
Query Length 183119

Subject ID 3 subjects Description See details Molecule type nucleic acid Subject Length n/a

Program BLASTN 2.3.1+

Graphic Summary

Distribution of 389 Blast Hits on the Query Sequence



Descriptions

Sequences producing significant alignments:

Description	Max score	Total score	Query cover	E value	Ident	Accession
Icl /home/jayp/bigtest/rundll32.exe	246	12846	2%	3e-64	91%	Query_82797
Icl /home/jayp/bigtest/groovemonitor.exe	226	15355	2%	4e-58	92%	Query_82799

Alignments

lcl|/home/jayp/bigtest/rundll32.exe

Sequence ID: Icl|Query_82797 Length: 178176 Number of Matches: 179 Range 1: 58645 to 58825

Score		Expect	Identities	Gaps	Strand	Frame
246 bits	(133)	3e-64()	175/193(91%)	12/193(6%)	Plus/Plus	_
Features	s:					
Query	145960	GGGGGCACGC	стөстөөсасөсөтөс	҉҄҅҄҇ѦҬ҅҅ҀҀ҅Ҁ҇ҀҀҀҬҀҬҀҀҀѦ	CTGCTAGCGGGAT	TGAGT 146019
Sbjct	58645	gggggcycgc	ϛϯĠϛϯĠĠϛϒϛĠϛ⋳ϯĠϛ	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	ϛϯĠϛϯΫ력Ϛ력력Ϋϯ	tgagt 58704
Query	146020	GCCGGCAAGC	acgtgcgccggcatga	ι <mark>σΤσςσσσΑΤς</mark> ϯϯϯϯ	tttcqTTTTGGTG	AGCGG 146079
Sbjct	58705	gccggcyygcy	Acetececcee	ĸĠŦĠĊĠĠĠĂŦĊŦŦŦŦŦĠ	6++++c6+6	SAGCGG 58760
Query	146080	GAGTGTAGGC	AAGCGTGAGGGCATGC	GGGTGCGCCGGCATGC	GGGTACGCTGGC/	AGGCGG 146139
Sbjct	58761	gygtgtgtyggç	AAĠĊĠŦĠAĠĠĠĊAŦĠĊ	:ĠĠĠ†стĠĊтĠĠĊĂĊ	ĠĊĠ-†-ĠĊ <i>ŀ</i>	ATĠĊĠĠ 58812
Query	146140	GTTG#####	ttC 146152			
Sbjct	58813	6++6+++++	ttc 58825			

Range 2: 59344 to 59478

Score		Expect	Identities	Gaps	Strand	Frame	_
206 bits	s(111)	5e-52()	127/135(94%)	0/135(0%)	Plus/Plus		•
Feature	s:						
Query	145943	AttttttCC	CAGTTTCGGGGGCA	ΑςφςςτφςτφφςΑςφς	ϳ ϯϙϲϻϯ	GTGGGAC 14600	3 2
Sbjct	59344	Attttttta	гААТТӨТӨӨӨӨӨС	γς <u></u> <u></u> <u></u>	gtgcytgcgggcgt	dtddddc 59403	3
Query	146003	TGCTAGCGGG	\TTGAGTGCCGGC4	\AGCACGTGCGCCGGC	TGAGTGCGGGATC	†††††† 14606	52
Sbjct	59404	tgctygcggg	7++676+6556657	γ γ ας γς αμφορώνης της της της της της της της της της τ	ϟϯĠĂĠϯĠĊĠĠĠĂϯĊ·	†††††† 59463	3
Query	146063	ttCGTTTTGG	GAGC 146077				
Sbjct	59464	tgcgtttttgt	TAGC 59478				

Range 3: 57557 to 57702

Score		Expect	Identities	Gaps	Strand	Fran	ne
198 bits	s(107)	8e-50()	135/148(91%)	4/148(2%)	Plus/Plus		
Feature	s:						
Query	144244	GGTTGATCGCA	АĞСТАĞÇĞĞĞATAĞATA	ttttttttAAGATT	ŢŦĠŢĠĄĠĊĠĠĠĄſ	ĢŢĢŢŢĄ	144303
Sbjct	57557	ggttgytçgçy	Agctagcgggatagata	┼┼┼┼┼┼┼┼┼┼┼┼	tegtgygcgggy	94944	57616
Query	144304	GAGGGATCGAT	ŢĠĊĠĠĠĊŖĊĠŖĠŢĠĠŢŢ	ĠĄŢĊĠĊĄĄĠĊŢĄĠĊ	GGGATAGATATT	TTÇCTC	144363
Sbjct	57617	gygggytcgyt	ŗĠĠĠĠĠĠĸĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠ	ͼϗϯϲͼϲϗϗͼϲϯϗͼϲ	ĠĠĠĀŦĀĠĀŦĀŦŦ	††ст†т	57676
Query	144364	TT-TGGTCTGC	GGGC-TGGATTGGTCGC	144389			
Sbjct	57677	ttgtggta-gg	:dddagtdd-ttdatcdc	57702			

Range 4: 56712 to 56851

Score	Expect	Identities	Gaps	Strand	Frame
169 bits(91)	7e-41()	127/144(88%)	4/144(2%)	Plus/Plus	

Features:

Query	145439	GtttttttAGTCTTTCGGGAGCCGGCGTGCGGGTTAGCCTGCTGGATCGGGTGCAAGTA	145498
Sbjct	56712	dtttttttttdtgttgggggddcccgccgtgcgggttagcctgctgcatcgggtgcaagta	56771
Query	145499	GGAGGGCATGAGTGCCGGTTCGACGGAGTGCGGTTTTTTGCATTTTGTTAGCATGCAAGAT	145558
Sbjct	56772	GGAGGGCATGAGTGCCGGTTCGACGGAGTGCGGTTTT-GTGTT-TTAGTATGCAAGCT	56827
Query	145559	<u> А</u> ĢÇGĢĢTСŢĢCŢĢĢÇAСĢÇGŢĢÇA 145582	
Sbjct	56828	AGCTGGCATGTTGGCATGCA 56851	

Range 5: 13717 to 13808

Score		Expect	Identities	Gaps	Strand	Frame
143 bits	s(77)	4e-33()	87/92(95%)	0/92(0%)	Plus/Plus	
Feature	s:					
Query	56152	ÇTÇAGTGGAÇATÇ	TÇATTÇTÇTÇATTÇGÇ	ТСӨӨТАӨАСТТӨ	ϳϙϯϯϙϙϯϙϧϲϲϯϧϫ	AGGTÇGA 56211
Sbjct	13717	çtçyeteeyçytç	†&&††&†&#†&&&</td><td>tçqqtyqqctq</td><td>ӫ҄҆ҭҿ҇ҩ҄ҭҿ҇ӄҁҁҭѧҭ</td><td>тб†стА 13776</td></tr><tr><td>Query</td><td>56212</td><td>ttttttttqqcqq</td><td>GCGATTACTCAGCGGA</td><td>CCT 56243</td><td></td><td></td></tr><tr><td>Sbjct</td><td>13777</td><td>++++++++</td><td>gcgyttyctcygcggy</td><td>cct 13808</td><td></td><td></td></tr></tbody></table>			

Range 6: 59457 to 59543

Score	Expect	Identities	Gaps	Strand	Fram	e
139 bits(75)	5e-32()	83/87(95%)	0/87(0%)	Plus/Plus		
Features:						
Query 14678	34	τϲϯϯϯϭϯϯϧϥϲϧϧϥ	САРБАТТР	<u></u> СӨСӨӨӨӨТ АӨАӨТ	GATCGCCG	146843
Sbjct 59457	· ++++++++G&	ĠŦŦŦŦŦĠŦŦĀĠĊĀĀĠŀ	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	çeçeeeqtyeyet	gytçeççe	59516
Query 14684	4 GCACGCGAGG	GATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	TT 146870			
Sbjct 59517	, ecyceceyee	ĠĂŦŦŦŦŦŦŦŦĸĂĊĠŦ	 59543			

Range 7: 59269 to 59353

Score		Expect	Identities	Gaps	Strand	Fram	е
135 bits	s(73)	7e-31()	81/85(95%)	0/85(0%)	Plus/Plus		
Feature	es:						
Query	144196	TTTTCGACTT	тсөөөтөсөөөлтсөс	AGGCCGGCACGCT	GGAGTGCGGGGTTG	;ATCGCAA	144255
Sbjct	59269	ttttcaattt	϶τĠĠĠϯĠĊĠĠĠĂϯĊĠĊ	;ϥͼͼϲϲͼͼϲϥϲͼϲϯ	ggygtgcgggq++g	iqtçqçqq	59328
Query	144256	GCTAGCGGGA ⁻	TAGATATTTTTT	144280			
Sbjct	59329	gctygcgggy.	tagatattttttta	59353			

Range 8: 59072 to 59156

Score		Expect	Identities	Gaps	Strand	Fram	e
134 bits	s(72)	2e-30()	81/85(95%)	1/85(1%)	Plus/Plus		
Feature	es:						
Query	144272	ttttttttAAG	ATTTT-GTGAGCGGG	AGTGTTAGAGGGA	ŢĊĠĸŢĊĠĊĠĠĊĸĊ	GAGTGGT	144330
Sbjct	59072	++++++++	т++++вф+фуфсффф	 የዋተዋተተዋዋዋዋዋዋ	ϯϛͼϥϯϛͼϛͼͼͼϲϥϛ	gygtggt	59131
Query	144331	ŢĢĄŢÇĢÇĄĄĢÇ	TAGCGGGATAGATA	144355			
Sbjct	59132	t gytçgçyygç	tagcgggatagata	59156			

Range 9: 56445 to 56520

Score		Expect	Identities	Gaps	Strand	Fram	е
124 bits	s(67)	1e-27()	73/76(96%)	0/76(0%)	Plus/Plus		
Feature	s:						
Query	144700	ttttgcccTTTcc	GGTAGCGGGAGT	 Ģ ŢĢÇĢÇÇĢĢÇĄŢĢÇĢ	GGGTTGCAAGCCGG	GCACGAGT	144759
Sbjct	56445	ttttgcgcttgro	GGTAGCGGGAGT	gtececceecytece	Peettery	gcycgygt	56504
Query	144760	GCGGGATCtttt	tttt 144775				
Sbjct	56505	gcgggytctttt	tttt 56520				

Range 10: 56917 to 56985

Score		Expect	Identities	Gaps	Strand	Frame	
122 bits	s(66)	5e-27()	68/69(99%)	0/69(0%)	Plus/Plus		<u>.</u>
Feature	s:						
Query Sbjct	147116 56917		GGGAGTGGTTGATCGG GGGAGTGGTTGATCGG				147175 56976
Query Sbjct	147176 56977	+++++++	147184 56985				

Range 11: 57825 to 57896

Score		Expect	Identities	Gaps	Strand	Fram	e
117 bits	s(63)	2e-25()	69/72(96%)	0/72(0%)	Plus/Plus		
Feature	es:						
Query	144632	ţţţţţţţţţGCÇ ⁻	ϯϯϯϭϙϯϙϧϙϲϙϭ	, G AGTGTATGCTGGATAG	GAGTGTGGGATCG	ATCGCAA	144691
Sbjct	57825	+++++++++++++++	tttcgtgAgcGa	ggygtgtytggytyg	sagtgtgggatcd	PYTCPCYY	57884
Query	144692	GATCttttttt	144703				
Sbjct	57885	gytstilli	57896				

Range 12: 57137 to 57209

Score		Expect	Identities	Gaps	Strand	Fram	e
113 bits	s(61)	3e-24()	69/73(95%)	0/73(0%)	Plus/Plus		
Feature	es:						
Query	144504	†††††††ATCC]	ТТТӨТӨАӨСӨӨӨАӨТ	·ϙϯϯϙϙϲϧϧϙϲϧϙϙ	ÇAGGÇTGGÇAÇG	ÇĢŢĢŢĄŢ	144563
Sbjct	57137	tttttttctgat	ttegtgygggggg	·ĠႵϯልĠĊਖ਼ਖ਼ĠĊਖ਼ĠĠ	ϛϥͼϥϲϯͼ	ϛͼϯͼϯϫϯ	57196
Query	144564	GCCGGCACGCGG	144576				
Sbjct	57197	gccggcycgcgg	57209				

Range 13: 58461 to 58545

Score		Expect	Identities	Gaps	Strand	Fram	<u>e</u>
113 bits	s(61)	3e-24()	77/85(91%)	0/85(0%)	Plus/Plus		
Feature	es:						
Query	144964	TTTTGGTTTT	<u>Γ</u> GGTGAGCGGGAGTGG	TAGAGTGCTGGAT	ҀĢĄĢŢĢĄĢĢĄŢŢĢ	ТСӨӨСАС	145023
Sbjct	58461	††††åc†c††	tcgtgygcgggygtgg	tAGAGTGCTGGAT	çqqqqqqqqqqqqqqqqqqq	tçeeçyç	58520
Query	145024	GCGCGCAAGT [*]	rgtttagaatttca	145048			
Sbjct	58521	gcgcgcAAgg	GATTTTACCATTTCG	58545			

Range 14: 2678 to 2740

Score		Ex	pect	Identities	Gaps	Strand	Fram	e
111 bits	(60)	1e-	-23()	62/63(98%)	0/63(0%)	Plus/Plus		
Feature	s:							
Query	144077	ŢŢĠţ	LLLLLL		racgtgggtattata [.]			144136
Sbjct	2678	††††	+++++	tetcyeteeeqtce	⊦ŸĢ₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	ͰϪϯϲϯϲϪϲϗϲϗϯϗϭ	FATGCATT	2737
Query	144137	ţţţ	144139	9				
Sbjct	2738	+++	2740					

Range 15: 59469 to 59536

Score		Expect	Identities	Gaps	Strand	Frame
110 bits	(59)	4e-23()	66/69(96%)	1/69(1%)	Plus/Plus	
Feature	s:					
Query	146724	TTTTGTTAGCA	AAGCAGGATTGCTGGA	ATCGCGGGGTAGAG	TGATCGCCGGCACG	GCGAGTTG 146783



Query 146784 tttttttt 146792 Sbjct 59528 ATTTTT 59536

Range 16: 56397 to 56461

Score		Expe	ct lo	dentities	Gaps	Strand	Fram	e
102 bits	s(55)	7e-21	I() 62	2/65(95%)	1/65(1%)	Plus/Plus		
Feature	es:							
Query	145540	TTTTGT	TAGCATGC	AAGATAGCGGGT	СТӨСТӨӨСАСӨСӨ	Γ Ģ ÇĄΤĢÇĢĢΤΤΤΤ <i>Α</i>	CGTTT-T	145598
Sbjct	56397	++++6+	ϯΫΫϚΫϯΫϚʹ	AAGATAGCGGGT	ϛϯĠϛϯĠĠϛਖ਼ϛĠϛĠ·	ͰĠĊĂႵĠĊĠĠႵႵϯϯϭ	cccttct	56456
Query	145599	ĢĢŢĄĢ	145603					
Sbjct	56457	GGTAG	56461					

Range 17: 54616 to 54676

Score		Expect	Identities	Gaps	Strand	Frame
100 bits	s(54)	2e-20()	59/61(97%)	1/61(1%)	Plus/Plus	
Feature	es:					
Query	144080	ttttt-ttt	GTCAGTGGGGTCGTAC	TGGGTATTATATA	TCTCACGCGTGCAT	GCAtttt 144138
Sbjct	54616	tttttcgtt	gtcygtggggtcgtyc	╘ ┼ĠĠĠ┼À┼┼À┼À┼À	Ͱϛϯϛϥϛͼϛͼϯͼϛϫϯ	tgc4tttt 54675
Query	144139	t 144139				
Sbjct	54676	† 54676				

Range 18: 57093 to 57169

Score		Expect	ldentit	ies	Gaps	Strand	Fram	9
100 bits	s(54)	2e-20()	70/77(91%)	4/77(5%)	Plus/Plus		
Feature	es:							
Query	144232	GCTGGAGTGCG	GGGTTGA	TCGCAAGC	TAGCGGGATAG	ATAtttttt	tAAGATTTT	144287
Sbjct	57093	gctggygtgcg	GGGTTGA	tç qçyy <u>q</u> ç	tygcgggytyg,	Ltaggg&ttttt	HctgAtttg	57152
Query	144288	GTGAGCGGGAG	TGTTAG	144304				
Sbjct	57153	gtgygcgggyg	†Ġ††ÅĠ	57169				

Range 19: 58021 to 58098

Score		Expect	Identities		Gaps	Strand	Fram	e
100 bits(54)		2e-20()	72/80(90%	6)	3/80(3%)	Plus/Plus		
Feature	es:							
Query	144139	tttttgAAGT]	Ттөтөөөүст	⁻ GCCGGAGT	ΓΘΘΤΤΘΑΤΕ	GCAAGCTAGCGGGAT <i>A</i>	\GATATTT	144198
Sbjct	58021	tttttd-c6tt	-tegtegegyct	ŖĊĊĠĠŸĠŦ	tggttgytç	gcyygchygcggyh	\d\t\t+	58079
Query	144199	ŢĊĢĀĊŢŢŢĊĠĢ	GGT-GCGGGA	144217				
Sbjct	58080	тее-сттете	gtagcggg	58098				

Range 20: 57890 to 57950

Score			Expect	Identities	Gaps	Strand	Fram	е
97.1 bit	ts(52)	;	3e-19()	59/62(95%)	1/62(1%)	Plus/Plus		
Feature	es:							
Query	147176	ţţţ	tttttATTCT	ТТĞĞТАТĞÇAAĞÇTĞĞ	ÇGTGTATGÇÇGGÇ	TCGATCGCTGGA	TÇGAÇG	147235
Sbjct	57890	+++	+++++4-a6+	-++¤q+q+qcqqqc+qq	ϛĠႵĠႵਖ਼ႵĠϛϛĠĠϛ	ctcgytcgctggy	ϥϲͼϗϲͼ	57948
Query	147236	ĢΤ	147237					
Sbjct	57949	Ġϯ	57950					

Range 21: 51620 to 51669

Score	Expect	Identities	Gaps	Strand	Frame
93.5 bits(50)	4e-18()	50/50(100%)	0/50(0%)	Plus/Plus	

Features:



Range 22: 56553 to 56617

Score		Expe	ct Ide	entities	Gaps	Strand	Fram	е
93.5 bits(5	50)	4e-18	() 61	/66(92%)	2/66(3%)	Plus/Plus		
Features:								
Query 14	47040	GCATGCG	GGTTGTTTT	-TAGTTTTTGTT	ragatcgcgggctg	GAGTGCGGGTG	CGCCGGCA	147098
Sbjct 56	6553	gcytgcg	ҍҭႵႵҭႵႵႵ	·ctA-attttgt1	ͰΫͼΫϯϚͼϝͼͼͼϝϯͼ	œqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq	çeççeeçy	56611
Query 14	47099	төсөөө	147104					
Sbjct 56	6612	<u> </u>	56617					

Range 23: 58354 to 58414

Score			Expect	Identities	Gaps	Strand	Fram	е
91.6 bit	s(49)		1e-17()	58/62(94%)	1/62(1%)	Plus/Plus		
Feature	s:							
Query	147176	ţţţ	tttttATTC]	ΤΤΘΘΤΑΤΘΡΑΑΘΡΤΘΘ	ç өтөт үтөссөөс	Τςφητςφςτφφή	TCGACG	147235
Sbjct	58354	+++	tttttå-agt	·ttagtytgcyygcteg	ϛϥϯϥϯϥϯϛϲͼͼϭ	;ϯϲͼϫϯϲͼϲϯͼͼϫ	ϥϲͼϗϲͼ	58412
Query	147236	ĢŢ	147237					
Sbjct	58413	Ġϯ	58414					

Range 24: 58985 to 59042

Score		Expect	Identities	Gaps	Strand	Fra	me
91.6 bits((49)	1e-17()	55/58(95%)	0/58(0%)	Plus/Plus		
Features:	:						
Query 1	144272	ţţţţţţţAAGA ⁻	TTTGTGAGCGGGAGT TTTGGTGAGCGGGAGT	ĠŢŢĄĠĄĠĠĄŢĊ	; ΑΤ Ϲ ϙϹϙϙϙϹϙϹϙ	ĄGŢĢĢ	144329
Sbjct 5	58985	+++++++	tttegtgygcggggg	gttygygggytc	PYTCGCGGGCYCG	qqtqq	59042

Range 25: 309 to 362

Score		Expect	Identities	Gaps	Strand	Frame
89.8 bits(48)		5e-17()	52/54(96%)	0/54(0%)	Plus/Plus	
Features:						
Query	157628	ŢĊŢŢĠAĠŢĠĊĊ	ŢĢÇÇĢĢĄŢĄŢÇŢŢĢĄ	TTGATCGCAAGCGA	GATCGCTGGCAGTC	157681
Sbjct	309	tçtegegteçç.	 ͰĠĊĊĠĠĂႵĂႵĊႵႵĠĂ [.]	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	94469649964946	362

Range 26: 7620 to 7668

Score		Expect	Identities	Gaps	Strand	Frame
86.1 bit	s(46)	7e-16()	48/49(98%)	0/49(0%)	Plus/Plus	
Feature	es:					
Query	95919	†AAAAGAGGTGG	TAAAAGAGGTGTTAA	AAGAGGTTATAAAA	GAGGTTCT 959	67
Sbjct	7620	taaaadaddtdd	taaaadaddtdttaa	446466++4+4444	gegettet 266	8

Range 27: 56513 to 56568

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bits(44)		9e-15()	52/56(93%)	0/56(0%)	Plus/Plus	
Feature	s:					
Query	145392	†††††††tGCT	ͳͳͳϲϙϙϯϛϙϛϙϙϛϯϙϙ	ӻҁҩҭҩҭҩҁҩҁҁҩҩ	ATGCGG+++++++	145447
Sbjct	56513	++++++++ _A +++	tttaggtcgcgggctgd	pcetetececee	:4+6666+++++++	56568

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bits(43)		3e-14()	45/46(98%)	0/46(0%)	Plus/Plus	
Feature	es:					
Query	157131		CGCAAGATCGCAGG			
Sbjct	56276	ϯĠϮĊĠĠĊĂĊĠĊĠ	cecaagategeagg		AGCACT 56321	

Range 29: 56276 to 56321

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bits(43)		3e-14()	45/46(98%)	0/46(0%)	Plus/Plus	
Feature	s:					
Query	160195	ŢĠĊĊĠĠĊĄĊĠĊ	GCGCAAGATCGCAGG 	;ϯϙϙϙϯϙϲϲϙϙϲϧ	AGCACT 160240	
Sbjct	56276	ϯĠϮĊĠĠĊĂĊĠĊ	ŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖ	ϛϯĠĠਖ਼ĠϯĠĊĊĠĠĊਖ਼	AGCACT 56321	

Range 30: 70959 to 71001

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bits(43)		3e-14()	43/43(100%)	0/43(0%)	Plus/Plus	_
Feature	s:					
Query	142254	ttGTAGGCCGG	GCTAGATCGCAAGATAG	ÇAAGÇGÇGAGTTÇT	TG 142296	
Sbjct	70959	++q+yqqcçqq	ͼϲϯΫͼΫϯϚͼϲϒϒͼϒϯΫͼ	ϛϒϒϾϚϾϚϾϒϾϯϯϚϯ	tg 71001	

Range 31: 59885 to 59947

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits	s(42)	1e-13()	57/64(89%)	1/64(1%)	Plus/Plus	
Features	3:					
Query	146059	ţţţţţţtÇGŢŢŢ	ϯϭϼϯϙϼϙϼϼϼ	ΤΑΘΘΓΑΑΘΓΘΤΘΑΘ	а С	GCCGGCA 146118
Sbjct	59885	tttttgb-ttt	tcgtgygcgggygtg	tyggcyygcgtgyg	ҩ҄҇ҿ҇ҁӌҭҿҁҿ҇ҿ҇ҿӷст	GCTGGCA 59943
Query	146119	TGCG 14612	2			
Sbjct	59944	CGCG 59947				

Range 32: 60853 to 60897

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits(42)		1e-13()	44/45(98%)	0/45(0%)	Plus/Plus	_
Features:						
Query	142908	TTTTGTAGGCG				
Sbjct	60853	tttcgtyggcg	ggytygytygctggc	ϟϙͼϲͼͼϥϯϯϲͼϲϙϧ	GACTG 60897	

Range 33: 62340 to 62384

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits(42)		1e-13()	44/45(98%)	0/45(0%)	Plus/Plus	_
Feature	s:					
Query	157131	TGCCGGCACGC	GCGCAAGATCGCAGG 	ст <u>ө</u> өүөтөссөөсү	AGCAC 157175	
Sbjct	62340	ϯĠϮĊĠĠĊĂĊĠĊ	gcgcyygytcgcygg	<u></u>	AGCAC 62384	

Range 34: 62340 to 62384

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits(42)		1e-13()	44/45(98%)	0/45(0%)	Plus/Plus	
Feature	es:					
Query	160195	ΤĠĊĊĠĠĊĄĊĠĊ	GCGCAAGATCGCAGG	ст <u>ө</u> өдөтөссөөсд	AGCAC 160239	
Shict	62340	ϯĠϫϹĠĠĊĂĊĠĊ	GCGCAAGATCGCAGG	. + G G A G + G C C G G C A	AGCAC 62384	

Range 35: 62516 to 62560

Score		Expect	Identities	Gaps	Strand	Frame	
78.7 bit	s(42)	1e-13()	44/45(98%)	0/45(0%)	Plus/Plus		
Feature	s:						
Query	157131	ϯϙϲϲϙϙϲϧϲϙϲ	<mark>ϙϲϙϲϧϧϙϧϯϲϙϲϧϙϙ</mark>	;ϯϙϙϙϯϙϲϲϙϙϲϧ	AGÇAÇ 157175		
Sbjct	62516	ϯĠϫϛĠĠϛΫϛĠϛ	GCGCAAGATCGCAGG 	ϛϯͼͼϻͼϯͼϛϲͼͼϲϻ	AGCAC 62560		

Range 36: 62516 to 62560

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits(42)		1e-13()	44/45(98%)	0/45(0%)	Plus/Plus	
Feature	s:					
Query	160195	TGCCGGCACGC	GCGCAAGATCGCAGG	стөөлөтөссөөсл	AGCAC 160239	
Sbjct	62516	тетсеесусься		ϟϯĠĠਖ਼ĠϯĠϚϚĠĠϚਖ਼	AGCAC 62560	

Range 37: 62631 to 62672

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits(42)		1e-13()	42/42(100%)	0/42(0%)	Plus/Plus	_
Feature	es:					
Query 157134 CGGCACGCGCAAGATCGCAGGCTGGAGTGCCGGCAAGCAC 157175 Sbjct 62631 CGGCACGCGCAAGATCGCAGGCTGGAGTGCCGGCAAGCAC 62672						
Sbjct	62631	ceecycecec	ͼϛϻϻͼϻϯϲͼϲϻͼͼϲϯͼͼ	;ϥϥϯϥϲϲϥϥϲ	62672	

Range 38: 62631 to 62672

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits(42)		1e-13()	42/42(100%)	0/42(0%)	Plus/Plus	
Feature	es:					
Query	160198	CGGCACGCGC	GCAAGATCGCAGGCTGG	AGTGCCGGCAAGCA	C 160239	
Sbjct	62631	çeeçyçeçeç	gcaagatcgcaggctgg	akteceeera	62672	

Range 39: 7609 to 7668

Score		Exp	oect	Identities	Gaps	Strand	Fram	e
76.8 bit	s(41)	4e-	13()	57/64(89%)	4/64(6%)	Plus/Plus		
Feature	s:							
Query	114056	AAAAGA	AGGTGATA	, _А АА,	СААААБАББТБТТ	 AAAAGAGGTTATA	AAAGAGG	114115
Sbjct	7609	AAAAGA	79949C49	YYYYGYGGTGG	тААААЬАЬЬНЬ	AAAAGAGG++A+A	AYYGGGG	7664
Query	114116	TTFT	114119					
Sbjct	7665	† †¢†	7668					

Range 40: 53881 to 53921

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%) 0/41(0	0/41(0%)	Plus/Plus	
Feature	s:					
Query	139996	GCCGGCACGC	ÇGGAGTGCCGGCTGGCA	TGCCGGACCGCGGT	140036	
Sbjct	53881	gccggcycgc	;ͼͼϙͼϯͼϲϲͼͼϲϯͼͼϲϫ	149559995595994	53921	

Range 41: 78069 to 78121

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bit	s(41)	4e-13()	49/53(92%)	0/53(0%)	Plus/Plus	
Feature	es:					
Query	156976	tctttctttct	ttctttcAGTCAGGA	GCGCGGGATCGATA	AGCCGGCAAGCACT	157028
Shict	78069	+상+++상+++상+	╁╁┟┼┼┼┟┰┰┼┟┰┰Ġ╽	ͼϹͼϹͼͼͼϪϯϹͼϪϯ	'GCCGGCPPGCPC+	78121

Range 42: 71677 to 71725

Score		Expect	Identities	Gaps	Strand	Frame
75.0 bit	s(40)	1e-12()	46/49(94%)	0/49(0%)	Plus/Plus	_
Feature	es:					
Query	142256	ĢŢĄĢĢÇÇĢĢÇŢ	ϙ ϙϯϲϙϲϧϧϙϧϯϧϙϲ			142304
Sbjct	71677	gtyggccggct	AGATCGCAAGATAGC/ AGATCGCAAGATAGC/	qqqqqqqqttcac	GGGAGCCGG	71725

Range 43: 77717 to 77765

Score		Expect	Identities	Gaps	Strand	Frame
75.0 bits(40)		1e-12()	46/49(94%)	0/49(0%)	Plus/Plus	_
Feature	s:					
Query	142256	GTAGGCCGGCT/	ŊĠĄŢĊĠĊĄĄĠĄŢĄĠĊ <i>ŀ</i>	, AAGCGCGAGTTCTT	gggcgccgg	142304
Sbjct	77717	gtyggççggçty	YGYTCGCYYGYTYGC	/YPGGGGPG44FVC	gggagccgg	77765

Range 44: 332 to 375

Score	Expect	Identities	Gaps	Strand	Frame
71.3 bits(38)	2e-11()	42/44(95%)	0/44(0%)	Plus/Plus	
Features:					
Query 142563	ΤĢΑΤΤĢΑΤÇĢÇ	 ААРСРАРТСВЕТОР	С АБТСТТБСАСБСТ	GGCA 142606	
Sbjct 332	<u> </u>	AAGCGAGATCGCTGG 	çqqtçttqçtaqçt	GGCA 375	

Range 45: 53803 to 53840

Score		Expect	Identities	Gaps	Strand	Frame
71.3 bit	s(38)	2e-11()	38/38(100%)	0/38(0%)	Plus/Plus	
Feature	s:					
Query	139998	ÇGGÇAÇGÇÇG	GAGTGCCGGCTGGCATG	CCGGACCGCGG	140035	
Sbjct	53803	CGGCACGCCG	gygtgccggctggcytg	cceepyccecee	53840	

Range 46: 53881 to 53918

Score		Expect	Identities	Gaps	Strand	Frame
71.3 bits(38)		2e-11()	38/38(100%)	0/38(0%)	Plus/Plus	
Feature	s:					
Query	140224	GCCGGCACGC	GGAGTGCCGGCTGGCA	TGCCGGACCGC	140261	
Sbjct 53881 GCCGGCACGCC		ϛĠĠĂĠŦĠĊĊĠĠĊŦĠĠĊĂ	, 49559975595	53918		

Range 47: 53881 to 53918

Score		Expect	Identities	Gaps	Strand	Frame
71.3 bits(38)		2e-11()	38/38(100%)	0/38(0%)	Plus/Plus	
Feature	es:					
Query	140448	GCCGGCACGC				
Sbjct	53881	<u>eççeeç</u> yçeç	ŗĠĠŸĠĻĠĊĢĠĊĻĠĠĊŸ	ϯϙϛϛͼϭϫϛϲͼϛ	53918	

Range 48: 57554 to 57677

Score		Expect	Identities	Gaps	Strand	Fram	ie
71.3 bit	s(38)	2e-11()	97/124(78%)	9/124(7%)	Plus/Plus		
Feature	es:						
Query	144165	ĄĢŢĢĢŢŢĢĄŢ¢	CGCAAGCTAGCGGGAT	AGATATTTTCGA-	стттсее-етесе	GGATCG	144220
Sbjct	57554	AGTGGTTGAT	çeçyyeçtyeçe	AGA+A++++тттАт	т+++т66т6а666	GGAGTG	57613
Query	144221	CAGGCCGGCA	ÇGCT-G-GAGTGÇG-G	-GGTTGATCGCAAGC	TAGCGGGATAGAT	Atttt-	144275
Sbjct	57614	TTAGAGGGAT	çqatcqcqqqcaçqaq	ϮĠĠϯϯĠĂϯĊĠĊĂĂĠĊ	+49599944	-Attttc	57673
Query	144276	tttt 1442	79				

Sbjct 57674

Range 49: 329 to 365

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	37/37(100%)	0/37(0%)	Plus/Plus	
Feature	s:					
Query	141640	TÇTTGATTGAT	TCTTGATTGATCGCAAGCGAGATCGCTGGCAGTCTTC TCTTGATTGATCGCAAGCGAGATCGCTGGCAGTCTTC			
Sbjct	329	tċttĠĂttĠĂt	çeçyyeçeye	Ресубния при	65	

Range 50: 51619 to 51668

Score		Expect	Identities	Gaps	Strand	Frame	
69.4 bits(37)		7e-11()	49/54(91%)	4/54(7%)	Plus/Plus		
Feature	s:						
Query	114066	 АТАААА	ATAAAAGAGGTGCTGGGCAAAAGAGGTGTTAAAAGAGGTTATAAAAGAGGTTCT ATAAAAGA-G-G-T-GGTAAAAGAGGTGTTAAAAGAGGTTATAAAAGAGGTTCT				
Sbjct	51619	44444464-6-6	-1-66144446466	tgttpppypp	4+44446464+6+	51668	

Range 51: 57637 to 57673

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bit	s(37)	7e-11()	37/37(100%)	0/37(0%)	Plus/Plus	
Feature	s:					
Query	144164	GAGTGGTTGA1	ГСӨСААӨСТАӨСӨӨӨАТ	AGATATTTTC 1	44200	
Sbjct	57637	gygtggttgy	-çeçyyeçtyeçeeeyt	AGA+A++++6 5	7673	

Range 52: 62061 to 62136

Score		Expect	Identities	Gaps	Strand	Frame	
69.4 bits	(37)	7e-11()	63/76(83%)	0/76(0%)	Plus/Plus		
Features	:						
Query	137212	ĢĄĢţţţţţţţţţ	ttttttgTCGGATAT	сттествтсттес	;ϙϯϙϲϲϙϙϧϯϲϙϲϙϙ	GCTA 1	137271
Sbjct	62061	GAG+++++++++	stcttttgtcggcagg	ҁҭҩҁҁҩҩҁҩҩҁ	ͺͼϯͼϛϛͼͼϒϯϛͼϛͼͼ	GCTA 6	52120
Query	137272	GAGTGCAAGATCGA	CG 137287				
Sbjct	62121	GAGTGCAAGATCGA	cG 62136				

Range 53: 53803 to 53838

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(3	6)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Features:						
Query 14	40226	CGGCACGCCGG	СФСАСФССФФАСТФССФССТФССФСФСФСФССФС			
Sbjct 53	3803	ceecycecee?	 ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ В В В В В	ÇÇĞĞYÇÇĞÇ	53838	

Range 54: 53803 to 53838

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	s:					
Query	140450	CGGCACGCCG	ϙϙϯϙϲϲϙϙϲϯϙ	CCGGACCGC :	140485	
Sbict	53803	çeeçyçeççe	54949559954995449	iççeeyççeç i	53838	

Range 55: 56769 to 56804

Score	Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Features:					

Query	145600	GTAGGAGGGCATGAGTGCCGGTTCGACGGAGTGCGG GTAGGAGGGCATGAGTGCCGGTTCGACGGAGTGCGG	145635
Sbict	56769	GTAGGAGGGCATGAGTGCCGGTTCGACGGAGTGCGG	56804

Range 56: 56829 to 56864

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	s:					
Query 145364 GCTGGCATGTTGGCATGCATGCAAGCTAttttttt				Atttttttt 1	45399	
Sbjct	56829	gctggcatgt	ͰĠĠĊĂϯĠĊĂϯĠĊĂĂĠĊϯ	Àttttttt 5	6864	

Range 57: 57389 to 57424

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	36/36(100%)	0/36(0%)) Plus/Plus	
Feature	s:					
Query	135760	GTGTGCCGGAT	GTGTGCCGGATCGCGGGCTAGAGTGCAAGATCGACG			
Sbjct	57389	gtgtgccggyt	ϛĠϛĠĠĠϛϯਖ਼ĠŸĠϯĠϚΫ	de de la company	57424	

Range 58: 58045 to 58080

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	144324	GAGTGGTTGAT	ГСӨСААӨСТАӨСӨӨӨАТ	AGATATTTT 14	44359	
Sbict	58045	gygtggttgy	rcgcaagctagcggatt	AGATATTT 5	8080	

Range 59: 59129 to 59211

Score		Expect	Identities	Gaps	Strand	Fram	e
67.6 bit	s(36)	2e-10()	68/83(82%)	4/83(4%)	Plus/Plus		
Feature	es:						
Query	144244	GGTTGATCGCAA	AGCTAGCGGGATA	GATAtttttt	†AAGATTTTGTGAG	GCGGGAGT	144299
Sbjct	59129	<u>eetteyteery</u>	vectyeceeeyty	.dAtAgtcggcgtttt	tgActtttcgtgAd	ccgcgddt	59188
Query	144300	GTTAGAGGGATO	GATCGCGGGCA	144322			
Sbjct	59189	GGTAGACGGATA	үүүүүүүүүүү	59211			

Range 60: 59501 to 59536

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	145772	GGTAGAGTGAT	CGCCGGCACGCGAGGG 	Atttttttt 14	45807	
Sbjct	59501	ggtygygtgyt	ͺϲͼϲϲͼͼϲϻϲͼϲͼϫͼͼ	Åttttttt 5 <u>9</u>	9536	

Range 61: 61503 to 61541

Score		Expect	Identities	Gaps	Strand	Frame	
67.6 bits(36)		2e-10()	38/39(97%)	0/39(0%)	Plus/Plus		
Feature	s:						
Query	144210	ĢŢĢÇĢĢĢĄŢÇĢ¢	ÇAGGÇÇGGÇAÇGÇTG	ĢĄĢŢĢÇĢĢĢGŢŢĢ	144248		
Sbjct	61503	gtgcgggatcg	cyddccdgcycdctd	gygtgcgggtffg	61541		

Range 62: 62101 to 62136

Score	Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	

Features:

Query 135760 GTGTGCCGGATCGCGGGCTAGAGTGCAAGATCGACG 135795 Sbjct 62101 GTGTGCCGGATCGCGGGCTAGAGTGCAAGATCGACG 62136

Range 63: 62561 to 62602

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	40/42(95%)	0/42(0%)	Plus/Plus	
Feature	s:					
Query	144328	GGTTGATCGCA/	AGCTAGCGGGATAGA [.]	ΓΑΤΤΤΤΡΟΤΟΤΤΤΘ	GT 144369	
Sbjct	62561	ggttgytcgcy	qqc+qqcqqqq+qqq.	tattttcgtgtttb	GT 62602	

Range 64: 71187 to 71222

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	s:					
Query	142258	ĄGGCCGGCTĄG	ϳϥϯϲϙϲϥϥϙϯϥϙϲϥϥϙ	сүсүүсү	2293	
Sbjct	71187	AGGCCGGCTAG	ͼϥϯϲͼϲϥϥͼͷϥ	:ççççqqq++ç 21:	222	

Range 65: 71379 to 71414

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	142258	AGGCCGGCTAG	ΑΤΓ Θ ΓΑΑΘΑΤΑΘΓΑΑΘ	сөсөлөтте 14	2293	
Sbict	71379	AGGCCGGCTA	SATCGCAAGATAGCAAG	ckkkddttk 71	414	

Range 66: 72391 to 72426

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	s:					
Query	142258	AGGCCGGCTAG	GATCGCAAGATAGCAAG	CGCGAGTTC	142293	
Sbjct	72391	Y PPPC	PYTCGCYYGYTYGCYYG	ccecepter	72426	

Range 67: 77359 to 77394

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)		2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	s:					
Query	142258		GATCGCAAGATAGCAAG	TTTT''T IT - ''	2293	
Sbjct	77359	YGGCCGGC TYC	PYTCPCYYPYPYPYPYP	9595999445 77	394	

Range 68: 377 to 414

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bits(35)		9e-10()	37/38(97%)	0/38(0%)	Plus/Plus	
Feature	s:					
Query	160712	GCACGCAAGAG	ΤΤϚΤΤΘϚΤϚΘϚΘΘΤϚ	TTGATCGCGGGC	160749	
Sbict	377	gcacgcaagag	++6++66+66666+6	ttgytcgagggc	414	

Range 69: 57554 to 57588

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	35/35(100%)	0/35(0%	b) Plus/Plus	
Feature	es:					
Query	144325	ĄĢŢĢĢŢŢĢĄŢĢ	С <mark>GCAAGCTAGCGGGAT</mark> A	GATATTTT	144359	
Sbjct	57554	494499	:qcyyqctygcggyty	64444++	57588	

Range 70: 57675 to 57720

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	44/48(92%)	2/48(4%)	Plus/Plus	
Feature	s:					
Query	144148	ŢŢŢŢĢŢĢĢĠĄĊĨ	ӷҁҫҫҁҁѧҁҭҁҁҭҁѧ	ŢĊĠĊĄĄĠĊŢĄĠĊĠĠ	GATAGATA 1	L44195
Sbjct	57675	ttttgtggtA	-qçeqqqqtqqttqy.	tcecyyectyecee	gytygyty 2	57720

Range 71: 60809 to 60849

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	39/41(95%)	0/41(0%)	Plus/Plus	_
Feature	s:					
Query	145764	GCTGGATTGGTA	ĸĠĄĠŢĠĄŢĊĠĊĊĠĠĊĄ	145804		
Sbjct	60809	gctggcgtggty	ʹͼϻͼϯͼϻϯϛͼϛϛͼͼϛʹ	7595999994+++	60849	

Range 72: 71828 to 71862

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	35/35(100%)	0/35(0%)	Plus/Plus	
Feature	s:					
Query	138047	TT¢TTGATTGA	ATCGCAAGCTAGCGGGA ATCGCAAGCTAGCGGGA	ТАРАТАРС 1	.38081	
Sbjct	71828	ttcttgyttg	/tçeçyyeçtyeçeeey	.tAGAtAGC 7	1862	

Range 73: 72124 to 72158

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	ts(35)	9e-10()	35/35(100%)	0/35(0%)	Plus/Plus	
Feature	es:					
Query	138131	TGCGTGCGGG	\TAGCTAGATCGCCGGA	TTGAGTGC 138	165	
Sbjct	72124	<u></u>	YTAGCTAGATCGCCGGA	tt6A6t66 721	58	

Range 74: 77876 to 77910

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	35/35(100%)	0/35(0%	6) Plus/Plu	s
Feature	s:					
Query	138047		ТСӨСРРЕТРЕТРЕТРЕТРЕТРЕТРЕТРЕТРЕТРЕТРЕТРЕТРЕТ		138081	
Sbjct	77876	++6++64++64	rtcgcaagctagcgga	tAGATAGC	77910	

Range 75: 78220 to 78254

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	35/35(100%)	0/35(0%)	Plus/Plus	_
Feature	s:					
Query	138131	ŢĢÇĢŢĢÇĢĢĢĄ	ATAGCTAGATCGCCGGA ATAGCTAGATCGCCGGA	TTGAGTGC 1	38165	
Sbjct	78220	†¢ç¢†¢ç¢¢¢	√tygctygytçeççegy	ttgygtgç 2	8254	

Range 76: 38677 to 38713

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bit	s(34)	3e-09()	36/37(97%)	0/37(0%)	Plus/Plus	
Feature	s:					
Query	63664		<u>СТ</u> А ĢĢ ТĢĢĀÇĀТĢĢТ		700	
Sbjct	38677	ctcggagttat	ctaggtggacatggt	tдүүүүүүүүүүүүүүүүүүүүүүүүүүүүүүүүүүүү	713	

Range 77: 51632 to 51665

Score		Expect	Identities	Gap	s	Strand	Frame	
63.9 bit	s(34)	3e-09()	34/34(100%)	0/34	(0%)	Plus/Plus		-
Feature	s:							
Query	88007		TAAAAGAGGTTATAAA		88040			
Sbjct	51632	tAAAAGAGGTGT	+44446464+4+444	AGAGGT	51665			

Range 78: 57391 to 57424

Score	Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)	3e-09()	34/34(100%)	0/34(0%)	Plus/Plus	
Features:					

Query 137254 GTGCCGGATCGCGGGCTAGAGTGCAAGATCGACG 13728 Sbjct 57391 GTGCCGGATCGCGGGCTAGAGTGCAAGATCGACG 57424

Range 79: 57391 to 57424

Score		Expect	Identities	Gaps		Strand	Frame
63.9 bit	s(34)	3e-09()	34/34(100%)	0/34(0)%)	Plus/Plus	
Feature	s:						
Query	137322	GTGCCGGATCG	GCGGGCTAGAGTGCAAG	ATCGACG	137355	5	
Sbjct	57391	gtgccggAtcd	eçedeçtyeyeteçyye	PTCPYCP	57424		

Range 80: 57391 to 57424

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bit	ts(34)	3e-09()	34/34(100%)	0/34(0%)	Plus/Plus	
Feature	es:					
Query	138770	GTGCCGGATC	GCGGGCTAGAGTGCAAG	ATCGACG 13	8803	
Sbjct	57391	gtgccggytc	gcgggctagagtgcaag	:Atcgyce 22	424	

Range 81: 57960 to 58020

Score		E	xpect	Identities	Gaps	Strand	Fram	е
63.9 bit	s(34)	36	e-09()	54/63(86%)	4/63(6%)	Plus/Plus		
Feature	s:							
Query	147175	? †††	†††††ATT	·;ϯϯϯϙϙϯϫϯϙϛ·ͺϙ·	-АĢСТĢĢСĢТĢТАТĢС	севетсенте	ТӨӨАТСӨ	147232
Sbjct	57960	4+++	tttttgct	-644466466664	rcgçegeçeeetyteç	;ϛͼͼϛϯϛͼϫϯϛͼϛ	tegyteg	58017
Query	147233	ĄÇĢ	147235					
Sbjct	58018	ΥÇĞ	58020					

Range 82: 60597 to 60639

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	40/43(93%)	0/43(0%)	Plus/Plus	
Feature	es:					
Query	147060	TTTTGTTAGAT	 СӨСӨӨӨСТӨӨАӨТӨС	<mark></mark>	GCG 147102	
Sbjct	60597	++++6++464+	çeçeeeçteeveteç	gggggagccggcyc	GCG 60639	

Range 83: 60813 to 60849

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	36/37(97%)	0/37(0%)	Plus/Plus	
Feature	es:					
Query	146824	GCGGGGTAGAG		146860		
Sbjct 60813 GCGTGGTAGAG		tgytcgccggcycgc	g899999	60849		

Range 84: 61501 to 61534

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0%	6) Plus/Plus	
Feature	es:					
Query	141676	GAGTGCGGGAT	rcgcaggccggcacgct	GGAGTGC :	141709	
Sbjct	61501	gyg4gcgggy	tcecyeecceecycec	ggyg4gç (61534	

Range 85: 62103 to 62136

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits	s(34)	3e-09()	34/34(100%)	0/34(0%)	Plus/Plus	
Feature	s:					
Query	137322	GTGCCGGATCG	Ҁ҅҅҄҅Ҁ҅Ѳ҉ҀҀѦѦҾ	АТСБАСБ 13	7355	
Sbjct	62103	gtgccggytcg	CGGGCTAGAGTGCAAG. LLLLLLLLLCAG CGGGCTAGAGTGCAAG.	ATCGACG 62	136	

Range 86: 62103 to 62136

Score		Expect	Identities	Gaps		Strand	Frame
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0)%)	Plus/Plus	
Feature	s:						
Query	138770	GTGCCGGATC	GCGGGCTAGAGTGCAAG	ATCGACG	138803		
Sbjct	62103	gtgccggytc	gcgggctagagtgcaag	Y4ÇQYÇQ	62136		

Range 87: 62561 to 62594

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0%) Plus/Plus	
Feature	s:					
Query	144168		ŊŖĠĊŢŖĠĊĠĠĠŖŢŖĠŖŢ	YIIIITT =	14201	
Sbjct	62561	<u></u>	/ॺढ़ऀ॔ऀॗऻॺढ़ढ़ढ़ढ़ढ़ॺॗऻॗॺऻॺढ़ॺऻ	Attttcd 6:	2594	

Range 88: 70667 to 70709

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bit	s(34)	3e-09()	41/44(93%)	2/44(4%)	Plus/Plus	
Feature	s:					
Query	158486	ÇTGÇCGG-ATA	TCTTGAGCGCGGGAT	Ҁ҅Ѳ҉ѦҬӒ҅ѲҀҀѲѲҀӒӒѲ	CACT 158528	
Sbjct	70667	ctgcaggcyt-	tcttgygcgcgggyt	ϛĠĂϯΫŖϚϚŖŖϚΫΫŖ	ichct 70709	

Range 89: 70667 to 70709

Score	Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)	3e-09()	41/44(93%)	2/44(4%)	Plus/Plus	_
Features:					
Query 1594		TCTTGAGCGCGGGAT			
Sbjct 7066	7 çtgçaggcyt-	+5++6965656694	ϛͼϗϯϗͼϛϛͼͼϛϗϗͼ	ckt 70709	

Range 90: 70676 to 70709

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0%)	Plus/Plus	
Feature	es:					
Query	157095	TTCTTGAGCG	CGGGATCGATAGCCGGC	AAGCACT 1571	28	
Shict	70676	++++++++++++++++++++++++++++++++++++	┎╬╬┸┸┸	7796777 2020	9	

Range 91: 71960 to 71993

Score	Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)	3e-09()	34/34(100%)	0/34(0%) Plus/Plus	_
Features:					
Query 157095	TTCTTGAGCGCG	GGGATCGATAGCCGGC	AAGCACT 1	57128	
Sbjct 71960	++5++6795969	gegytçeytyeççeeç	YYPÇYdž 2	1993	

Range 92: 72213 to 72246

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bit	s(34)	3e-09()	34/34(100%)	0/34(0%)) Plus/Plus	
Feature	es:					
Query	138132	GCGTGCGGGA ⁻	ΓΑΘΕΤΑΘΑΤΕΘΕΕΘΑΤ	ТӨАӨТӨС 13	38165	
Sbjct	72213	ecetecee	ŀAĠĊŦĀĠĂŦĊĠĊĊĠĠĂŦ	t6A6t6C 72	2246	

Range 93: 77003 to 77045

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	41/44(93%)	2/44(4%)	Plus/Plus	
Feature	es:					
Query	158486	CTGCCGG-ATA	TCTTGAGCGCGGGAT	CGATAGCCGGCAAG	GCACT 158528	
Sbict	77003	ctgcaggcat-	tcttgagcgcggate	ÇĞATAĞCCĞĞCAAĞ	SCACT 77045	

Range 94: 77003 to 77045

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bit	s(34)	3e-09()	41/44(93%)	2/44(4%)	Plus/Plus	
Feature	es:					
Query	159434		TCTTGAGCGCGGGAT			
Sbjct	77003	ctgcaggcyt-	+5++6965656694+	ϛĠĂϯΫ롖ϚϚ롖롖ϚΫΫΫ	CACT 77045	

Range 95: 77012 to 77045

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bit	s(34)	3e-09()	34/34(100%)	0/34(0%	%) Plus/Plus	
Feature	s:					
Query	157095	TTCTTGAGCGC	CGGGATCGATAGCCGGC	AAGCACT :	157128	
Sbjct	77012	ttçttgygçg	ceeeqtee	YYPGCYC+ .	77045	

Range 96: 78088 to 78121

Score		Expect	Identities	Gaps		Strand	Frame
63.9 bit	s(34)	3e-09()	34/34(100%)	0/34(0	%)	Plus/Plus	
Features:							
Query	157095		CGGGATCGATAGCCGGC		157128		
Sbjct	78088	ttcttgagcgd	LGGGATCGATAGCCGGC	AAGCAC†	78121		

Range 97: 78309 to 78342

Score		Expect	Identities	Gaps		Strand	Frame
63.9 bit	s(34)	3e-09()	34/34(100%)	0/34(0)%)	Plus/Plus	_
Features:							
Query	138132	<u> </u>	GCTAGATCGCCGGATTG	ĄGŢĢÇ	138165		
Sbjct	78309	gçqtgçggqtq	.gctygyttp	49495	78342		

Range 98: 57993 to 58025

Score	Expect	Identities	Gaps	Strand	Frame

62.1 bits(33) 1e-08() 33/33(100%) 0/33(0%) Plus/Plus

Features:

Query 142372 GTATGCCGGCTCGATCGCTGGATCGACGTTTT 142404 Sbjct 57993 GTATGCCGGCTCGATCGCTGGATCGACGTTTT 58025

Range 99: 59672 to 59717

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bit	s(33)	1e-08()	42/46(91%)	1/46(2%)	Plus/Plus	
Feature	s:					
Query	144904	tttttttt-G	GGTTTGGTGAGCGGG	\GTGTGCGCCGGCA	TGCGGG 14494	8
Sbjct	59672	††††††††AC	cctttggtgygcgg	ϟͼϯͼϯͼϲͼϲϲͼͼϲϫ	tgcggg 59717	

Range 100: 71493 to 71525

Score		Expect	Identities	Gap	s	Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus	
Feature	es:						
Query	144600	GAGTGGGCGC	GAGTGGGCGCGGATCGATAGCCGGCAAGCAC+				
Sbjct	71493	gygtggggg	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	YPFYF	71525		

Range 101: 71828 to 71860

Score		Expect	Identities	Gaps		Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33(0	1%)	Plus/Plus	
Feature	s:						
Query	138667	TT¢TTĢĄTTĢĄ	ГСӨСААӨСТАӨСӨӨӨАТ	ĄĢĄŢĄ 1	138699		
Sbjct	71828	++6++64++64-	FCGCAAGCTAGCGGGAT FCGCAAGCTAGCGGGAT	4944 <i>-</i>	71860		

Range 102: 71949 to 71993

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bit	s(33)	1e-08()	41/45(91%)	0/45(0%)	Plus/Plus	
Feature	es:					
Query	156984	tctttctttcA	ĠŢĊĸĠĠŖĠĊĠĊĠĠĠŖ	ŢĊĠĄŢĄĠĊĊĠĠĊĄĄ	GCACt 157028	
Sbjct	71949	†&†††&†††&±	ϲϯϛϲϲϗϧϗϲϗϲϗϗϗϧ·	Ͱϛͼϫϯϫͼϛϛͼͼϛϫϫ	GCACT 71993	

Range 103: 71961 to 71993

Expect

Score

		•				
62.1 bits	s(33)	1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus
Features	s:					
Query	158496	TCTTGAGCGCG	GGGATCGATAGCCGGCA	AGCACT	158528	
Sbjct	71961	†¢††&&&&&&	GGATCGATAGCCGGCA	YPCYC+	71993	

Gaps

Strand

Frame

Identities

Range 104: 71961 to 71993

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bit	s(33)	1e-08()	33/33(100%)	0/33(0%) Plus/Plus	
Feature	s:					
Query	159444	ŢĊŢŢĠĄĠĊĠĊĠ	GGGATCGATAGCCGGCA	AGCACT 15	9476	
Sbjct	71961	tcttgygcgc	gegytceytyecceecy	AGCACT 71	.993	

Range 105: 77493 to 77525

Score	Expect	Identities	Gaps	Strand	Frame
62.1 bits(33)	1e-08()	33/33(100%)	0/33(0%)	Plus/Plus	



Query144600GAGTGGGCGCGGGATCGATAGCCGGCAAGCACT144632Sbjct77493GAGTGGGCGCGGGATCGATAGCCGGCAAGCACT77525

Range 106: 77876 to 77908

Score	Expect	Identities	Gaps	Strand	Frame
62.1 bits(33)	1e-08()	33/33(100%)	0/33(0%)	Plus/Plus	_
Features:					
Query 13866	7 TTSTTGATTGA	TCGCAAGCTAGCGGGA TTTTTTTTTTTTTTTTTTTTTTT	ТАСАТА 138699		
Sbjct 77876	++ 6++64++64	ι†ċĠċAAĠċ†AĠċĠĠĠA	tagata 77908		

Range 107: 78089 to 78121

Score		Expect	Identities	Gaps	3	Strand	Frame
62.1 bit	s(33)	1e-08()	33/33(100%)	0/33(0	0%)	Plus/Plus	
Feature	s:						
Query	158496	TCTTGAGCGCG	GGATCGATAGCCGGCA	AGCACT	158528		
Sbjct	78089	<u> </u>	ggytçgytygççggçy	YPCY54	78121		

Range 108: 78089 to 78121

Score		Expect	Identities	Gap	S	Strand	Frame
62.1 bit	s(33)	1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus	
Feature	s:						
Query	159444		GGGATCGATAGCCGGCA		159476		
Sbjct	78089	<u> </u>	PROPERTY	YPÇYÇ4	78121		

Range 109: 14681 to 14712

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Feature	s:					
Query	99668	CTAGGTGGAAC	ΓĢĢΤΤϚΤΑĢĢΤĢĢΑΑΑΤ	GGTT 99699		
Shict	14681	<u> </u>	├ ┌┼┼┌┼╽┌┼┼┌┼	GGTT 14712		

Range 110: 14681 to 14712

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32(0%)) Plus/Plus	
Feature	s:					
Query	99860	CTAGGTGGAACT	GGTTCTAGGTGGAAAT	GGTT 9989:	1	
Sbjct	14681	ctygeteeyyct	·ĠĠႵႵĊႵĂĠĠႵĠĠĂĂĂႵ	ddtt 14712	2	

Range 111: 28764 to 28799

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	35/36(97%)	1/36(2%)	Plus/Plus	_
Feature	s:					
Query	87931		ŢĊŢŢŖĠŖŖĠŢĠŢŢŢŢ	965		
Sbjct	28764	YGGGGC+CYYCY	⊦ुद्देन्द्रपुर्वे देत्र	ttgygtgtt 582	'99	

Range 112: 56729 to 56760

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Features:					



Range 113: 57689 to 57720

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	_
Feature	s:					
Query	144324		СӨСААӨСТАӨСӨӨӨАТ			
Sbjct	57689	gygtggttgyt	-çecyyectyeçedeyt	AGATA 57720		

Range 114: 57832 to 57870

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	37/39(95%)	2/39(5%)	Plus/Plus	
Feature	s:					
Query	142761	tttt-ttt-GT	GAGCGGGAGTGTATG	CTGGATAGAGTGT	142797	
Sbjct	57832	ttttctttcgt	gygçgggyg4g4y4g	549944999494	57870	

Range 115: 58049 to 58080

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Feature	es:					
Query	144244	GGTTGATCGCA				
Sbjct	58049	gg+tgytçgç	∖ॺढ़ढ़ऻॺढ़ढ़ढ़ढ़ॺॗॺऻॺढ़ॺऻ	·Atttt 58080		

Range 116: 58292 to 58367

Score)	Expect	Identities	Gaps	Strand	Fram	e
60.2 b	oits(32)	4e-08()	63/77(82%)	6/77(7%)	Plus/Plus		
Featu	res:						
Query	146799	ŢĠŢŢĄĠĊĄĄĠĊĄĠĊ	GATTGCTGGATC	<mark>ĢÇĢĢĢGTAĢĀ</mark> GŢĢAŢ	сөсс-өө-сас	GCGAG-G	146853
Sbjct	58292	†q+ <u>†</u> qqqqqqqqqqqq	PYTPPT	дсеретееруст пре	αφςςτφοτφοςγς	:qcqyqcq	58351
Query	146854	GAtttttttCACC	GTTT 146870	ı			
Sbjct	58352	GT+++++++AA-d	58367				

Range 117: 58292 to 58361

Score		Expect	Identities	Gaps	Strand	Fram	<u>e</u>
60.2 bit	s(32)	4e-08()	58/70(83%)	4/70(5%)	Plus/Plus		
Feature	s:						
Query	146727	TGTTAGCAAGC	AGGATTGCTGGATCG	GCGGGGTAGAGTGAT	CGCCGGCAC	GCGAGTT	146782
Sbjct	58292	<u>+</u> g++ygcyygc	<u></u> ልፍልተተፍርተ <u></u>	gcgggteggggg	agcctgctgck	:eceyece	58351
Query	146783	Gtttttttt	146792				
Sbjct	58352	6++++++++	58361				

Range 118: 59125 to 59156

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)		4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Features:						
Query 144164 GAGTGGTTGATCGCAAGCTAGCGGGATAGA			AGATA 144195			
Sbjct	59125	GAGTGGTTGAT	-çeçyyeçtyeçeeeyt	AGATA 59156		

Range 119: 59280 to 59314

Score	Expect	Identities	Gaps	Strand	Frame

60.2 bits(32) 4e-08() 0/35(0%) Plus/Plus 34/35(97%)

Features:

Query 141675 Sbjct 59280

Range 120: 59317 to 59348

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	

Features:

Query 144168 144199 Sbjct 59317

Range 121: 59317 to 59348

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Features:					

Query 144328 Sbjct 59317 59348

Range 122: 59821 to 59858

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)		4e-08()	36/38(95%)	0/38(0%)	Plus/Plus	
Feature	es:					
Query	147052	TTTTTAGTTTT	ŢĠŢŢŖĠŖŢĊĠĊĠĠĠĊ	Төөлөтөсөөөт	147089	
Sbjct 59821		ttttgActtt	TGTTAGATCGCGGGC	teeyeteçeeet	59858	

Range 123: 60940 to 60994

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)		4e-08()	48/55(87%)	4/55(7%)	Plus/Plus	
Feature	s:					
Query	142883	GGGGAGCCGGC	ACGCGTGCAAGAGAT	TTTGTAG-GCG	GGATAGATAGCTGGC	142933
Sbjct	60940	ggggygccggc	ĄĊĠĊĠŦĠĊĂĂĠĂĠĂĠĂŦ	tttarcgtrgrgcc	GGATAGAGAGCTGGC	60994

Range 124: 62561 to 62592

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)		4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Feature	es:					
Query	144244	GGTTGATCGCA	AAGCTAGCGGGATAGAT	Atttt 144275		
Sbict	62561	ggttgytçgç	\A&C+A&C&&A+A&A+	·Attt 62592		

Range 125: 6005 to 6044

Score		Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)		1e-07()	37/40(93%)	0/40(0%)	Plus/Plus	
Feature	s:					
Query 88008 AAAAGAGGTGTTAAAAGAGGTTATAAAAGAGGTGTTAAAA		ĄGĄGGTGTŢĄĄĄĄ	88047			
Sbjct 6005 AAAAGAGGTGTTA		444444444444444444444444444444444444444	AcAGGGGCTAAAA	6044		

Range 126: 6005 to 6044

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	37/40(93%)	0/40(0%)	Plus/Plus	



ATAAAAGAGGTTCTAAAA 114123 ATAAAACAGGGGCTAAAA 6044 Query 114084 Sbjct 6005

Range 127: 7632 to 7665

Score		Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)		1e-07()	33/34(97%)	0/34(0%)	Plus/Plus	_
Features:						
Query 88007 tAAAAGAGGTGTTAAAAGAGGTTA				940		
Sbjct	7632	taaaadaddtdti	-AAAAGAGG++A+AA	laggigt 766	55	

Range 128: 29484 to 29514

Score		Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)		1e-07()	31/31(100%)	0/31(0%)	Plus/Plus	
Feature	es:					
Query	43671	AGGGGCTCAACA	ATGGTAGGGCCTCAGAG	GTT 43701		
Sbjct	29484	YGGGGCLCYYC	Yteetyeegecctcyeye	idtt 29514		

Range 129: 34460 to 34490

Score		Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)		1e-07()	31/31(100%)	0/31(0%)	Plus/Plus	
Feature	s:					
Query	43671		ATGGTAGGGCCTCAGAG	111		
Sbjct	34460	YGGGGC4CYYC	7+99+9999955+59999	idtt 34490		

Range 130: 43087 to 43137

Score		Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)		1e-07()	45/51(88%)	4/51(7%)	Plus/Plus	
Feature	es:					
Query	79626	ATCTCAGTAGTT	стстс <u>ф</u> етететте	ϙϯϼϭϥ ϙϯϼϭϗ϶ͺ	ĄÇŢÇĄĢĄĄĢŢ	79672
Sbjct	43087	445454644644	CTCTCAGTGGTGTTG CTCTCAGTGGTGTTG	GTATATAAGCAGGG	Y545Y6YY64	43137

Range 131: 58048 to 58081

Score		Expect	Identities	Gaps	Strand	Frame	
58.4 bit	s(31)	1e-07()	33/34(97%)	0/34(0%)) Plus/Plus		
Feature	s:						
Query	138671	TGATTGATCGC	AAGCTAGCGGGATAG/		138704		
Sbjct	58048	tgettgytçeç	AAGCTAGCGGGATAGA	4444446 5	8081		

Range 132: 70676 to 70709

Score		Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)		1e-07()	33/34(97%)	0/34(0%) Plus/Plus	_
Features:						
Query	152475		GGGATCGATAGCCGG	T'''' T T'' T I	152508	
Sbjct	70676	ttcttgygcgc	gegytçeytyeççee	cyygcych :	70709	

Range 133: 71959 to 71993

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	34/35(97%)	1/35(2%)	Plus/Plus	
Features:					



Range 134: 77012 to 77045

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	33/34(97%)	0/34(0%)	Plus/Plus	
Features:					

Query 152475 TTTTTGAGCGCGGATCGATAGCCGGCAAGCACT 152508 Sbjct 77012 TTCTTGAGCGCGGGATCGATAGCCGGCAAGCACT 77045

Range 135: 78087 to 78121

Score		Expect	identities	Gaps	Strand	Frame
58.4 bit	s(31)	1e-07()	34/35(97%)	1/35(2%) Plus/Plus	
Feature	es:					
Query	152475	TTT-TTGAGCG	ÇĞĞĞATÇĞATAĞÇÇĞ	ĢÇĄĄĢÇĄÇŢ	152508	
Sbjct	78087	tttcttgygçg	CGGGATCGATAGCCG 	PCYYPCY	78121	

Range 136: 33996 to 34025

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)		5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Feature	s:					
Query	61875	tGGTAGGGCGG(tGGTAGGGCGGGACTCAGAAGTTATTATAA			
Sbjct	33996	teetyeee	BACTCAGAAGTTATTATAA	34025		

Range 137: 36603 to 36632

Score	Expect	Identities	Gaps	Strand	Frame	
56.5 bits(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus		_
Features:						
Query 44854	TTAAAAGAGGTTA	TAAAAGAGGTTCTACCT TAAAAGAGGTTCTACCT	44883			
Sbjct 36603	ttaaaadaddtta	.tAAAAGAGGttctAcct	36632			

Range 138: 45597 to 45647

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits	s(30)	5e-07()	46/53(87%)	3/53(5%)	Plus/Plus	
Features	s:					
Query	127700	GAGGTTAAAAA	AGAGGTTATAAAAGA(AGAGGTTATAAAAGA(϶ϙϯϯϛϯϧϛϛϯ϶϶ϛ	САGCа-ааааааа	127751
Sbjct	45597	GAGGTTCTAAA	ddddd tha badadda	┇╅┼┼┟┼┧┟┟┼	CAAAAGAAAAAAA	45647

Range 139: 56951 to 56980

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Feature	es:					
Query	137682	төөсөтөсөт	GATCGCGGGATAGATAT	TTT 137711		
Sbict	56951	teecetecet	attegegggttagatat	ttt 56980		

Range 140: 57076 to 57105

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits	s(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Features	S :					
Query	147059	TTTTTGTTAGA	^ҳ ҭҫҿҫҿҩҫҭҩҩѧҩҭҩҫҩ	GG 147088		
Shict	57076	+++++6++46,	┧┼┌┟┌ ┎┎┎┎┎	GG 57105		

Range 141: 57556 to 57588

Score		Expect	Identities	Gaps		Strand	Frame
56.5 bit	s(30)	5e-07()	32/33(97%)	0/33(0	%) l	Plus/Plus	
Feature	es:						
Query	138671		AAGCTAGCGGGATAG		138703		
Sbjct	57556	tĠĠŦŦĠĂŦĊĠĊ	AAGCTAGCGGGATAG	4+4+++	57588		

Range 142: 57640 to 57672

Score		Expect	Identities	Gaps	;	Strand	Frame
56.5 bits(30)		5e-07()	32/33(97%)	0/33(0%)	Plus/Plus	
Features:							
Query	138671	ŢĢAŢŢĢĄŢÇĢÇĄ	AGCTAGCGGGATAGA IIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	TTTT ^ T	138703		
Sbjct	57640	tgettgytçeç	ϻϙϲϯϻϙϲϙϙͼϻϯϻͼʹ	\+ <u>\</u> ++++	57672		

Range 143: 57792 to 57821

Score	Expect	Identities	Gaps	Strand	Frame		
56.5 bits(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus			
Features:							
Query 1429	11 ŢĠŢĄĠĠĊĠĠĠ	ATAGATAGCTGGCGAGC	GGG 142940				
Sbjct 5779	2 tetyeeçee	q	GGG 57821				

Range 144: 59319 to 59348

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)		5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Feature	es:					
Query	138674	TTGATCGCAAG	GCTAGCGGGATAGATAT	TTT 138703		
Sbjct	59319	ttgytçgçyy	gctagcgggatagatat	ttt 59348		

Range 145: 60613 to 60648

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	ts(30)	5e-07()	34/36(94%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	142872	GCCGGAGCGCG	GGGGAGCCGGCACGC	 ӨТӨСААӨАӨА 14	2907	
Shict	60613	⁶ ςτ ⁶ 6 ⁸ 6τ ⁶ ς	eeeeyerreery	776776767 60	648	

Range 146: 60808 to 60843

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)		5e-07()	34/36(94%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	145819	ĄGCGGGAGTGG	TAGAGTGATCGCCGG	CACGCGAGGG 14	45854	
Sbict	60808	AGCTGGCGTGG	tagagtgatcgccgg	ÇYÇÇÇYÇĞÇ 66	9843	

Range 147: 60808 to 60843

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)		5e-07()	34/36(94%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	145891	ĄĢÇGĢĢAĢŢĢĢ	ΤΑΘΑΘΤΘΑΤΟΘΟΟΘΘ		5926	
Sbjct	60808	үүсүү	TAGAGTGATCGCCGG	CYCGCGYGG 66	843	

Range 148: 60911 to 60940

Score		Expect	Identities	Gaps	Strand	Frame		
56.5 bits(30)		5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	_		
Features:								
Query	145190	TTGTGTGCGGG	ТТĢТĢТĢСĢĢĢĀТĀĢĀĢТĢĀТСĢСĀĀĢĀСĢ 145219					
Sbjct	60911	++6+6+65666	ϟϯϧͼϧͼϯͼϧϯϲͼϲϧϧͼ͵	ACG 60940				

Range 149: 62563 to 62592

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)		5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Features:						
Query	138674		CTAGCGGGATAGATAT	1 1 1		
Sbjct	62563	ttgytçgçyyg	ctagcgggatagatat.	††† 62592		

Range 150: 71013 to 71048

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)		5e-07()	34/36(94%)	0/36(0%)	Plus/Plus	_
Feature	s:					
Query	138820	GATTGCGGGATC	GATTGCGGGATCGCTGGAGTGCCGGCAAGCACTCTT			
Sbjct	71013	gyttgcaagytc	ͼϛϯͼͼϻͼϯͼϛϲͼͼϛ	4495454544 7	1048	

Range 151: 6005 to 6036

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	31/32(97%)	0/32(0%)	Plus/Plus	
Feature	s:					
Query	95932		 AAAAGAGGTTATAAA			
Sbjct	6005	AAAAGAGGTGTT	AAAAGAGG++A+AAA	ACAGG 6036		

Range 152: 7625 to 7660

Score		Expect	identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	34/36(94%)	2/36(5%) Plus/Plus	_
Feature	es:					
Query	60122		.GAGGTGTTAAAAGAG		60155	
Sbjct	7625	gygqtggtyyyy	GAGGTGTTAAAAGAG	GTTATAAAA	7660	

Range 153: 38312 to 38340

Score		Expect	Identities	Gaps	Strand	Frame	
54.7 bits(29)		2e-06()	29/29(100%)	0/29(0%)	Plus/Plus		
Features:							
Query	115927	ĄGGGGCTCĄĄC	 ATSTTAASATTGSTGGTA	115955			
Sbjct	38312	YGGGGCTCYYC	ATCTTAACATTGCTGGTA ATCTTAACATTGCTGGTA	38340			

Range 154: 45604 to 45632

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits(29)		2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	44855	TAAAAGAGGTTA	ТААААĢАĢĢТТАТААААĢAĢĢTTCTACCT			
Sbjct	45604	TAAAAGAGGTTATAAAAGAGGTTCTACCT TAAAAGAGGTTATAAAAGAGGTTCTACCT		45632		

Range 155: 51625 to 51660

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits(2	(29)	2e-06()	34/36(94%)	2/36(5%)	Plus/Plus	
Features:						
Query 6	50122	GAGGT-G-AAAAG	ϳ ϙϙϙϯϙϯϯ	ĢТТАТАААА 601	55	
Sbjct 5	51625	GAGGTGGTAAAA	GAGGTGTTAAAAGAG 	516	60	

Range 156: 57920 to 57948

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits(29)		2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	142371	TGTATGCCGGC	TGTATGCCGGCTCGATCGCTGGATCGACG			
Sbjct	57920	tetyteççeeç	tcgytcgctggytcgycg	57948		

Range 157: 58384 to 58412

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	142371	TGTATGCCGGC	ŢĊĠĄŢĊĠĊŢĠĠĄŢĊĠĄĊĠ	142399		
Sbjct	58384	tetytecceec	tç <u>q</u> q4ç <u>q</u> ç4 <u>q</u> q4çqqçq	58412		

Range 158: 70681 to 70709

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits(29)		2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	_
Feature	s:					
Query	157000	GAGCGCGGGATCGATAGCCGGCAAGCAC†		157028		
Sbjct	70681	gygcgcgggyt	CGATAGCCGGCAAGCACT	70709		

Range 159: 70801 to 70829

Score		Expect	Identities	Gaps	Strand	Frame		
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus			
Features:								
Query	155352	TCTTGATAGAC	TGCTGGCACGCGTGCTGG	i 155380				
Sbjct	70801	tcttgytygy	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	i 70829				

Range 160: 71015 to 71057

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	39/43(91%)	4/43(9%)	Plus/Plus	
Feature	es:					
Query	150798		-T-GAGTGCCGGCAA			
Sbjct	71015	ttgcpygtce	ctegyetecceecyy	<u></u> የና የርተ ርተ ተ	AGT 71057	

Range 161: 71015 to 71057

Score		Expect	Identities	Gaps	Strand	Frame	
54.7 bit	s(29)	2e-06()	39/43(91%)	4/43(9%)	Plus/Plus		
Feature	s:						
Query	150910	TTGCAAGAT	- T - GAGTGCCGGCAA	GCACTCTTTCAGTC	AGT 150948		
Sbjct	71015	ttgcgggtcg	CTGGAGTGCCGGCAA	<u></u>	AGT 71057		

Range 162: 72584 to 72612

Score	Expect	Identities	Gaps	Strand	Frame

54.7 bits(29) 2e-06() 29/29(100%) 0/29(0%) Plus/Plus

Features:

Query 160051 TGATCGCGGGATGGAGGCGGGATAGAGT 160079
Sbjct 72584 TGATCGCGGGATGGAGGGCGGGATAGAGT 72612

Range 163: 72724 to 72752

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits(29)		2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Features:						
Query	160051		ТĢАТСĢСĢĢĢĀТĢĢĀĢĢĢСĢĢĢĀТĀĢĀĢТ			
Sbjct	72724	2724 tGATCGCGGGATGGAGGGCGGGATAGAGT		72752		

Range 164: 77017 to 77045

Score		Expect	Identities	Gaps	Strand	Frame	
54.7 bits(29)		2e-06()	29/29(100%)	0/29(0%)	Plus/Plus		
Features:							
Query	157000	GAGCGCGGGATG	GATAGCCGGCAAGCAC† LGATAGCCGGCAAGCACT	157028			
Sbjct	77017	gygcgcgggytg	cgytydgccgcyyddae	77045			

Range 165: 77134 to 77165

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits	s(29)	2e-06()	31/32(97%)	0/32(0%)	Plus/Plus	
Features	s:					
Query 155349 ÇGTTÇTTGATAGAGTGÇTGGÇAÇGÇGTGÇTGG 155380						
Sbjct	77134	ÇĞATÇTTĞATAĞ	AGTGCTGGCACGCG			

Range 166: 6005 to 6032

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	s(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	_
Feature	s:					
Query	60128	ĄĄĄĄĢĄĢŢĢŢŢ	AAAAGAGGTGTTAAAAAGAGGTTATAAAA			
Sbjct	6005	4444646464	AAAAGAGG++A+AAAA	6032		

Range 167: 36605 to 36632

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	s:					
Query	127708	AAAAGAGGTT <i>A</i>	ĄĄĄĄĢĄĢĢŢŢĄŢĄĄĄĄĢĢĢŢŢÇŢĄÇÇŢ			
Sbjct	Sbjct 36605 AAAAGAGGTTATAAAAGAGGTTCTACCT		36632			

Range 168: 56645 to 56672

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	145308	GCTGGCATGTG	GCTGGCATGTGCGATCGCGGGCGGTTTT			
Sbjct	56645	gctggcytgtg	çeytçeçeeççee	56672		

Range 169: 57085 to 57132

Score	Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)	7e-06()	42/48(88%)	4/48(8%)	Plus/Plus	

Features:

Range 170: 57105 to 57132

Score		Expect	Identities	Gaps	Strand	Frame	
52.8 bit	s(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus		
Feature	s:						
Query	144168	GGTTGATCGCAAGCTAGCGGGATAGATA		144195			
Sbjct	57105	<u></u>	AGCTAGCGGGATAGATA	57132			

Range 171: 57693 to 57720

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	s(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	s:					
Query	144244	GGTTGATCGCAAGCTAGCGGGATAGATA		144271		
Sbjct	57693	ggttgytçgç	LAGCTAGCGGGATAGATA	57720		

Range 172: 58785 to 58812

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:						
Query	145560	 	 6 6 6 6 6 6 7 6 7 7 8 9 9 9 9 9 9 9 9 9 9			
Sbjct	58785	gçgggtçtgçtg	GCACGCGTGCATGCGG	58812		

Range 173: 59929 to 59956

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query 145560 GCGGGTCTGCTGGC		rggcacgcgtgcatgcgg	145587			
Sbjct	59929	<u></u> የናዋዋዋ ተናተዋና	reecycecetecytecee	59956		

Range 174: 60347 to 60384

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	s(28)	7e-06()	35/38(92%)	2/38(5%)	Plus/Plus	_
Feature	s:					
Query	142876		 		142911	
Sbjct	60347	GAGCGGGAGTG	ggygccggcycgcgt	gcaagagattt	60384	

Range 175: 61341 to 61368

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	136872	GCTAGCAAGCA	GCTAGCAAGCACGAGTGATCGCAAGCAT GCTAGCAAGCACGAGTGATCGCAAGCAT			
Sbjct	61341	gctygcyygc _Y	YCGYGLGYACY	61368		

Range 176: 62257 to 62284

Score	Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:					

Query 144168 GGTTGATCGCAAGCTAGCGGGATAGATA 144195 Sbjct 62257 GGTTGATCGCAAGCTAGCGGGATAGATA 62284

Range 177: 62257 to 62284

Score	Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:					
Query 144244			144271		
Sbjct 62257	ggttgytcgcy	AGCTAGCGGGATAGATA	62284		

Range 178: 62257 to 62284

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	144328	GGTTGATCGCAA	GGTTGATCGCAAGCTAGCGGGATAGATA			
Sbjct	62257	detteateecaaectaeceeeataeata		62284		

Range 179: 73013 to 73040

Score	Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:					
Query 160052	GATCGCGGGAT	ĢĄŢÇĢÇĢĢĄŢĢĢĄĢĢÇĢĢĢĄŢĄĢĄĢŢ			
Sbjct 73013	GATCGCGGGATGGAGGGCGGGATAGAGT		73040		

Icl|/home/jayp/bigtest/groovemonitor.exe

Sequence ID: IcI|Query_82799 Length: 124064 Number of Matches: 210

Range 1: 76528 to 76691

Score		Expect	Identities	Gaps	Strand	Frame
226 bits(122)		4e-58()	151/165(92%)	2/165(1%)	Plus/Plus	
Feature	es:					
Query	145943	AtttttttCC	AGTTTCGGGGGGCACGC	стөстөөсасөсөтө	CATGCGGGCGTG	TGGGAC 146002
Sbjct	76528	Attttttdd	cactttaggggggcacgc	ctecteecycecete	çyteçeeeçete	tGGGAC 76587
Query	146003	TGCTAGCGGGA	[\] TTGAGTGCCGGCAAGC	acgtgcgccggcatg	AGTGCGGGATCt	ttttt 146062
Sbjct	76588	tectyecee	\tt&A&t&&&&&AA&&	Acgtgcgccggcytg	yeteçeçey Yete	†††††† 76647
Query	146063	t-tCGTTTTGG	TGAGCGGGAGTGTAGG	CAAGCGTGAGGGCAT	GCG 146106	
Sbjct	76648	tgtcctttagd	st-AGCGGGAGTGGGGG	cacectectecc	gçq 26691	

Range 2: 77116 to 77252

Score		Expect	Identities		Gaps	Strand	Fran	ne
198 bits	s(107)	8e-50()	129/139(9	93%)	3/139(2%)	Plus/P	lus	
Feature	es:							
Query	145275	†††††¢AAATT	Τϲͼͼͼϲͼϲ	;ϙϙϙϯϲϙϙϙϯ	ГӨАӨӨӨСТӨӨСАТ	ΓĠŢĠĊĠĄŢĊĠ	ceeeceettt	145334
Sbjct	77116	+++++	+¤qqqqqqqq	;ͼͼϒϯϲͼϒͼ϶	tgyggggctggcy	ŀŖŧŖŖŖ¥ţŖ	5666666444	77175
Query	145335	TCACATTTCGG	GCGCCGGAT	CGAGTGAG	GGCTGGCATGTTC	GGCATGCATG	CAAGCTAttt	145394
Sbjct	77176	tcttgtttagg	gcgccggyt	çqqqtqqqq	GGCTGGCATGTT	ggcytgcytg	ckadctattt	77235
Query	145395	ttttttGCT-T	TTCGGTCG	145412				
Sbjct	77236	††††††-¢† <u>a</u> †	+ +¢&-†¢&	77252				

Range 3: 76669 to 76769

Score	Expect	Identities	Gaps	Strand	Frame
187 bits(101)	2e-46()	101/101(100%)	0/101(0%)	Plus/Plus	

Features:

Query	145960	GGGGGCACGCCTGCTGCACGCGTGCATGCGGGCGTGTGTGGGACTGCTAGCGGGATTGAGT GGGGGCACGCCTGCTGCACGCGTGCATGCGGGCGTGTGGGACTGCTAGCGGGATTGAGT	146019
Sbjct	76669	GGGGGCACGCCTGCTGGCACGCGTGCATGCGGGCGTGTGGGACTGCTAGCGGGATTGAGT	76728
Query	146020	GCCGGCAAGCACGTGCGCCGGCATGAGTGCGGGATCTTTTT 146060 GCCGGCAAGCACGTGCGCCGGCATGAGTGCGGGATCTTTTT 76769	
Sbjct	76729	GCCGGCAAGCACGTGCGCCGGCATGAGTGCGGGATCTTTTT 76769	

Range 4: 76453 to 76536

Score		Expect	Identities	Gaps	Strand	Frame	9
145 bits(78	8)	1e-33()	82/84(98%)	0/84(0%)	Plus/Plus		
Features:							
Query 14	44196	TTTTCGACTTTC	GGGTGCGGGATCGC	ĄĠĠĊĊĠĠĊĄĊĠĊŢĠĠ	;ϥϙϯϙϙϙϙϧͺͺͺͺ	TCGCAA	144255
Sbjct 76	6453	ttttggacttta	ĠĠĠŦĠĊĠĠĠĂŦĊĠĊ <i>.</i>	yeepspark	;ϥϥϯϥϲϥϥϥ	ţçĠĊĂĄ	76512
Query 14	44256	GCTAGCGGGATA	GATAttttttt	144279			
Sbjct 76	6513	gctygcgggyty	GATATTTTT	76536			

Range 5: 67189 to 67266

Score		Expect	Identitie	es	Gaps	Strand	Fram	e
139 bits(7	5)	5e-32()	77/78(9	9%)	0/78(0%)	Plus/Plus		
Features:								
Query 1	47116	TTTGGTGAGCGG	GAGTGGT	TGATCGCAA	GCTAGTTGGCG	ϯϙϲϙϯϙϧϯϲϙϲϙϙ	; ATAGATA	147175
Sbjct 6	7189	+++66+676569	gygtggt	+64+56544	95449444	ϯĠĊĠϯĠĂϯĊĠĊĠĠĠ	iAtAGAtA	67248
Query 1	47176	†††††† †	TTTGGT	147193				
Sbjct 6	7249	++++++++c++&	+++66+	67266				

Range 6: 65759 to 65880

Score		Expect	Identities	Gaps	Strand	Fram	ie
137 bits(74)		2e-31()	108/124(87%)	4/124(3%)	Plus/Plus		
Feature	es:						
Query	144238		ТĢĄŢÇĢÇAAĢÇТAĢÇĢ	GATAGATATTTTT	tAAGAT-TTT-GT	ſĠĄĠĊĠĠ	144295
Sbjct	65759	gtgcggct	agategegegeagee	gcacga-gtttttt	t-тĠтtctttgĠt	-qyqcqq	65816
Query	144296	GAGTGTTAG	AGGGATCGATCGCGGG	ACGAGTGGTTGATCG	CAAGCTAGCGGGA	TAGATA	144355
Sbjct	65817	gygtgttyg	AGGGATCGATCGCGGG	cacdadtddttdatcd	ϛϥϥͼϲϯϥͼϲͼͼͼ	1 †A&A†A	65876
Query	144356	TTTT 144	359				
Sbjct	65877	tttt 658	80				

Range 7: 66913 to 66996

Score		Expect	Identities	Gaps	Strand	Fram	е
134 bits	s(72)	2e-30()	80/84(95%)	0/84(0%)	Plus/Plus		
Feature	es:						
Query	144272	ttttttttAAGA	attttgtgagcggg	AGTGTTAGAGGGAT	CGATCGCGGGCAC	GAGTGGTT	144331
Sbjct	66913	††††††††gтт <i>i</i>	7+++09+9795599	<u>AG+G++AGAGGGA+</u>	ϝ ϙϥϯϲϙϲϭϭϭϭ	gygtegtt	66972
Query	144332	GATCGCAAGCTA	\GCGGGATAGATA	144355			
Sbjct	66973	gytçgçyygçty	/qcqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq	66996			

Range 8: 30013 to 30104

Score		Expect	Expect Identities Gaps Strand Fram		Frame	
132 bits	s(71)	9e-30()	85/92(92%)	0/92(0%)	Plus/Plus	
Feature	s:					
Query	56152	CTCAGTGGACAT	CTCATTCTCTCATTC	GCTCGGTAGACTT	· ͼͼϯϯͼͼϯͼϧϲϲϯϧϫ	GGTCGA 56211
Sbjct	30013	ctcyeteeycyt		gctcggtygydat	҅҇҇҇҇ĠĠŦŦĠĠŦĠĂĊĊŦĂŦ	TTTTTA 30072
Query	56212	†††††††fGGG	GGCGATTACTCAGCG	GACCT 56243		
Sbjct	30073	++++++++6666	ϟϗϲͼϗϯϯϗϲϯϲϗͼϲͼ	GACCT 30104		

Range 9: 76389 to 76467

Score		Expect	Identities	3	Gaps	Strand	Fram	e
130 bits	s(70)	3e-29()	76/79(96	%)	0/79(0%)	Plus/Plus		
Feature	es:							
Query	144972	TTTGGTGAGCG	GGAGTGGTA	GAGTGCTG	GATCGAGTGA	GGGATTGTCGGCAC	GCGCGCAA	145031
Sbjct	76389	tttggtgygç	addadtadta	ʹͼϻͼϯͼϲϯͼ	;ͼϗϯϲͼϗͼϯͼϗͼ	gggyttgtçggcyc	gçgçgçyy	76448
Query	145032	ĢŢŢĢŢŢŢŢĀĢĄ	ATTTCGGG	145050				
Sbjct	76449	gttgttttgg	ctttaddd	76467				

Range 10: 67317 to 67392

Score		Expect	ldenti	ties	Gaps	S	trand	Fram	<u>e</u>
124 bits	s(67)	1e-27()	73/76((96%)	0/76(0%)) P	lus/Plus		
Feature	es:								
Query	144068	ĢÇĄŢĢÇĢĢGTT	Gttttt	:ttGTCAG1	GGGGTCGTAC	ĢŢĢĢĢŢĄŢ	TATATATC	TCACGCGT	144127
Sbjct	67317	gcytgcggga	4+++++	╌┼┼Ġ┼ĊĂĠ┤	-qqqqtcqtAc	q46994A	-+4+4+4+6	tçyçêçêt	67376
Query	144128	GCATGCAtttt	ttttt	144143					
Sbjct	67377	<u></u> \$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	+++++	67392					

Range 11: 68377 to 68488

Score	Expect	Identities	Gaps	Strand	Frame
124 bits(67)	1e-27()	107/124(86%)	12/124(9%)	Plus/Plus	_
Features:					
Query 14288	4 GGGAGCCG	GCACGCGTGCAAGAGAT	TTTGTAGGCGGGATAGA	ATAGCTGGCGAGC	GGGTTC 142943
Sbjct 68377	gggggccg	PSPSPSPSPSPSPSPSPSPSPSPSPSPSPSPSPSPSPS	6t466c6664t46	ϟϯϗϗϲϯϗϗϲϗϗϗϲ	GGG 68429
Query 14294	4 GCAAGACTO	GTTGTTTTGAGGGATAG	CGGGATCTATATATCTC	CACGCGTGCATGC	Attttt 143003
Sbjct 68430	ĠĠĀ-†·	-ttrttttdgdddgtAd	stegedetetatatatete	cacecetecatec	Åttttt 68484
Query 14300	4 tttt 143	3007			
Sbjct 68485	†††† 684	488			

Range 12: 70775 to 70844

Score		Expect	Identities	Gaps	Strand	Frame	9
119 bits(64)		7e-26()	68/70(97%)	0/70(0%)	Plus/Plus		
Feature	s:						
Query	145994			TGCCGGCAAGCACGT			146053
Sbjct	70775	gtgtgggyctg	ctagcgggattgag	tĠċċĠĠċAAĠċAċĠt	·ĠĊĠĊĊĠĠĊĂϯĠĂĠ	steceeey	70834
Query	146054	TCtttttt	146063				
Sbjct	70835	tcgtttgttt	70844				

Range 13: 70927 to 70996

Score		Expect	Identities	Gaps	Strand	Fram	9
119 bits	(64)	7e-26()	68/70(97%)	0/70(0%)	Plus/Plus		
Feature	s:						
Query	145994	GTGTGGGACTGG	ΤΑΘΕΘΘΑΤΤΘΑΘ	ΤĠĊĊĠĠĊĄĄĠĊĄĊĠŢ	GCGCCGGCATGAG	TGCGGGA	146053
Sbjct	70927	gtgtgggyctg	ttygcgggyttgyg	ţĠĊĊĠĠĊਖ਼ਖ਼ĠĊਖ਼ĊĠţ	 	atgcgggy	70986
Query	146054	TCttttttt	146063				
Sbjct	70987	tċgtttgttt	70996				

Range 14: 66477 to 66536

Score	Expect	Identities	Gaps	Strand	Frame
111 bits(60)	1e-23()	60/60(100%)	0/60(0%)	Plus/Plus	

Features:

Query	144644	TTTGGTGAGCGGGAGTGTATGCTGGATAGAGTGTGGGATCGATC	144703
Sbjct	66477	tttegteaecegeaetetatectegatagaetetegeatceatcecaaeatcttttttt	66536

Range 15: 76941 to 77008

Score		Expect	Identities	Gaps	Strand	Frame	
110 bits	(59)	4e-23()	65/68(96%)	0/68(0%)	Plus/Plus		
Feature	s:						
Query	147180	ttttATTCT	TTGGTATGCAAGCTGG	ÇGTGTATGÇÇGGÇT	CGATCGCTGGATC	GACGGTTG	147239
Sbjct	76941	ttttggtct	ttcgtytgcyygcteg	ϟĠϯĠϯÅϯĠĊĊĠĠĊϯϭ	ϝͼϗϯϲͼϲϯͼͼϗϯϲͼ	gyceette	77000
Query	147240	† ††††††	147247				
Sbjct	77001	+++++++	77008				

Range 16: 69767 to 69836

Score		Expect	Identities	Gaps	Strand	Frame
106 bits	s(57)	5e-22()	69/74(93%)	4/74(5%)	Plus/Plus	
Feature	s:					
Query	157102	GCGCGGGATCGAT	AGCCGGCAAGCACTC	TTGCCGGCACGCGG	CGCAAGATCGCAGGG	TGGA 157161
Sbjct	69767	gcgcgggytcgyt	.ŸŖŖŖŖŖŖŸŖŖŖŖ	tçqqçqçqçqç	ϛĠϛਖ਼ਖ਼ਫ਼ਖ਼∔çਫ਼çਖ਼ਫ਼ਫ਼ੑ	tddA 69822
Query	157162	GTGCCGGCAAGCA	C 157175			
Sbjct	69823	gtgccggcyygcy	rc 69836			

Range 17: 65973 to 66040

Score		Expect	Identities	Gaps	Strand	Fram	e
104 bits	s(56)	2e-21()	65/69(94%)	2/69(2%)	Plus/Plus		
Feature	es:						
Query	144636	†††††GCCTT	Т-GGTGAGCGGGAGTG	TATGCTGGATAGAG	Т ӨТӨӨӨАТСӨАТ	TGCAAGAT	144694
Sbjct	65973	tttttccttt	taggt-ygcgggggd	gtatecteeataead	gtgtgggytcgyt	rgcyygyt	66031
Query	144695	Cttttttt	144703				
Sbjct	66032	6+++++++	66040				

Range 18: 32770 to 32855

Score		Expect	Identities	Gaps	Strand	Frame
100 bits	s(54)	2e-20()	76/86(88%)	3/86(3%)	Plus/Plus	
Feature	s:					
Query	53253	GTTAAAAGAGT	ΓϚϚͳͳϚͳͳϟϟϟϟϙϧϚͿ			TACTCT 53312
Sbjct	32770	6++4444646+-	┟ҁ⋳╁╀⋳┼┼षपपप्रपृद्ध	-+ç@++@++AAAA@	detteettettee	ctgcggt 32829
Query	53313	CGtttttttt.	-CTT-AATGTT-GTT	53335		
Sbjct	32830	cgagtttttt	scctgAAtgttcgtt	32855		

Range 19: 66541 to 66592

Score		Expect	Identities	Gaps	Strand	Frame	
97.1 bits(52)		3e-19()	52/52(100%)	0/52(0%)	Plus/Plus		
Features:							
Query	145540	TTTTGTTAGCA	TTTTGTTAGCATGCAAGATAGCGGGTCTGCTGGCACGCGTGCATGCGGTTTT				
Sbjct	66541	++++6++4664	ϯĠĊĂĂĠĂϯĂĠĊĠĠĠϯĊ	<u></u> +ec+eecycece+e	954495994444	66592	

Range 20: 33692 to 33744

Score	Expect	Identities	Gaps	Strand	Frame
93.5 bits(50)	4e-18()	52/53(98%)	0/53(0%)	Plus/Plus	
Features:					



Range 21: 33836 to 33888

Score		Expect	Identities	Gaps	Strand	Frame	
93.5 bits(50)		4e-18()	52/53(98%)	0/53(0%)	Plus/Plus		
Features:							
Query	43603	3603 ТӨАТАТТАӨСТСАТТӨССТӨӨАТТТӨАӨТТТТСАААААӨТТСТТААТӨСТТӨТ					
Sbjct	33836	tgytyttyvçtçy	++&&&++&&	6++++6444446++	5++44+65++6+	33888	

Range 22: 32757 to 32805

Score	Expect	Identities	Gaps	Strand	Frame
91.6 bits(49)	1e-17()	49/49(100%)	0/49(0%)	Plus/Plus	
Features:					
Query 53256		TGTTAAAAGAGTTCGT			14
Sbjct 32757	4444646	+6++4444646++66+	+6++4444646++6	6++6++4 3286	15

Range 23: 309 to 362

Score		Expect	Identities	Gaps	Strand	Frame		
89.8 bits(48)		5e-17()	52/54(96%)	0/54(0%)	Plus/Plus			
Feature	Features:							
Query Sbjct	157628 309	TCTTGAGTGCCT	rgccggatatcttga rgccggatatcttga	TTGATCGCAAGCGA TTGATCGCAAGCGA	GATCGCTGGCAGTC GATCGCTGGCAGTC	157681 362		

Range 24: 67249 to 67315

Score		Expect	t Identities	Gaps	Strand	Frame	!
89.8 bit	ts(48)	5e-17()	61/67(91%)	1/67(1%)	Plus/Plus		
Feature	es:						
Query	146057	ttttttt	CGT-TTTGGTGAGCGG	GGAGTGTAGGCAAGC	GTGAGGGCATGCGGG	TGCGCCG	146115
Sbjct	67249	+++++++	çıtctttqqtqqqçq	geyetetyeeçyyeç	gtgyggggytgcgg	атствств	67308
Query	146116	ĢÇĄTĢÇĢ	146122				
Sbjct	67309	gcycgcg	67315				

Range 25: 33687 to 33748

Score			Expect	Identities	Gaps	Strand	Fran	me
87.9 bits(47)			2e-16()	57/62(92%)	0/62(0%)	Plus/Plus		
Feature	s:							
Query	43246	111	ϟϯϯϙϯϲϯϭ				TTGTTA	43305
Sbjct	33687	ÇAA	AttGAtatı	-ॺॺढ़ॗॗॸढ़ॺॗऻॗॸॗढ़ढ़ॗॸॗॿॺॗ	ተተተĠልĠተተተተċልልል	AAG++ċ++AA⊤Gċ	 	33746
Query	43306	CA	43307					
Sbjct	33747	ÇΑ	33748					

Range 26: 33831 to 33892

Score		E	Expect	Identities	Gaps	Strand	Frame
87.9 bit	s(47)	2	2e-16()	57/62(92%)	0/62(0%)	Plus/Plus	
Feature	s:						
Query	43246	САААТ	ГТĢАТСТGТ	<u> ACTCATTGCCTGGATT1</u>	ΓĢĄĢŢŢŢŢÇĄĄĄĄ	ŊĠŢŢĊŢŢĄĄĊĂĊŢŢĠ	
Sbjct	33831	ÇYYY	ͰϯĠϪϯϫϯτϫ	ACTCATTGCCTGGATT1	-646++++64444	ͿͼϯϯϲϯϯϪϪτͼϲϯϯϭ	dttA 33890
Query	43306	11	43307				
Sbjct	33891	CA 3	33892				

Range 27: 66825 to 66882

Score	Expect	Identities	Gaps	Strand Fr	ame
86.1 bits(46)	7e-16()	54/58(93%)	0/58(0%)	Plus/Plus	
Features:					
Query 144272	tttttttAAGA	^Α ΤΤΤΓΕΤΓΑΡΕΓΕΡΕΡΑ	GTGTTAGAGGGATC	GATCGCGGGCACGAGTGG	144329
Sbjct 66825	+++++++	cttteeteyeeed	5+6++4646664+6	gategeggeaegagtgg	66882

Range 28: 110252 to 110309

Score		Expect	Identities	Gaps	Strand	Frame
86.1 bit	s(46)	7e-16()	54/58(93%)	0/58(0%)	Plus/Plus	
Feature	es:					
Query	142239		tttttGTAGGCCGG			111
Sbjct	110252	ctatttatta-	HHCHPHAGGCCGGGG	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	 Αφς Αλφεί δε	ttg 110309

Range 29: 114552 to 114609

Score	Expect	Identities	Gaps	Strand	Frame
86.1 bits(46)	7e-16()	54/58(93%)	0/58(0%)	Plus/Plus	_
Features:					
Query 142239	Cttttttttt	ttttttGTAGGCCGG	, ТАРАТСРСАНОТ	ĄĢÇĄĄĢÇĢÇĢĄĢTŢ	CTTG 142296
Sbjct 114552	ctatttattta	tttcttgtyggççgg		ϙ ϙͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺͺ	tttb 114609

Range 30: 119788 to 119845

Score		Expect	Identities	Gaps	Strand	Frame
86.1 bit	ts(46)	7e-16()	54/58(93%)	0/58(0%)	Plus/Plus	
Feature	es:					
Query	142239	Cttttttttt	tttttgTAGGCCGG	CTAGATCGCAAGAT	AGCAAGCGCGAGT	TCTTG 142296
Sbjct	119788	ctatttattta	+++c++6+46666666	ϟϯϥͼϥϯϲͼϲϥϥͼϥϯ	-YGCYYGCGCGYG+-	tcttg 119845

Range 31: 5700 to 5744

Score		Expect	Identities	Gaps	Strand	Frame
84.2 bit	ts(45)	2e-15()	45/45(100%)	0/45(0%)	Plus/Plus	
Feature	es:					
Query 95915 tttttAAAAAGAGGTGGTAAAAAGAGGTGTTAAAAAGAGGTTATAAAA 95959						
Sbjct	5700	tttttaaaadd	geteetaaaadaeetet	+44446464+4+4	JAAA 5744	

Range 32: 9948 to 9992

Score		Expect	Identities	Gaps	Strand	Frame
84.2 bit	s(45)	2e-15()	45/45(100%)	0/45(0%)	Plus/Plus	
Feature	s:					
Query	95915	tttttAAAAGAG				
Sbjct	9948	+++++4AAAAGAG	GTGGTAAAAGAGGTGT	+44446464+4+4	AAA 9992	

Range 33: 66325 to 66369

Score		Expect	Identities	Gaps	Strand	Frame
84.2 bit	s(45)	2e-15()	45/45(100%)	0/45(0%)	Plus/Plus	
Feature	es:					
Query	147060	TTTTGTTAGAT	҅҇ҀҀҀҀҀҀҀҬҀҀ	GGTGCGCCGGCATG	GCGGG 147104	
Sbict	66325	++++6++464+	ceceeectee	getececcec	CGGG 66369	

Range 34: 11929 to 11972

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bit	s(44)	9e-15()	44/44(100%)	0/44(0%)	Plus/Plus	
Feature	s:					
Query	95912		GAGGTGGTAAAAGAG			
Sbjct	11929	6+++++++44444	BAGGTGGTAAAAGAGG	itettaaaaeaeett	ˠ 11972	

Range 35: 49804 to 49903

Score		Expect	Identities	Gaps	Strand	Fram	е
82.4 bits(44)		9e-15()	89/109(82%)	9/109(8%)	Plus/Plus		
Feature	es:						
Query	160195	ŢĢĊÇĢĢÇĄÇĢ	Ҁ҅ҀҀҀѦ҈Ѧ҅ҀѦҬҀ҅ҀҀѦҀҁ	СТ ӨӨАӨТӨССӨӨСАА	ι Α <mark></mark> ςρετοας Τος †	+++++	160254
Sbjct	49804	terceecyce	ϛͼϛͼϛϥϥͼϥϯϛͼϛϥͼͼ	ĊŦĠĠĂĠŦĠĊĊĠĠĊĂŹ	\&&&&+++-т+	+++++	49859
Query	160255	ttcgggatat	tttttttgatctttt	tttttttgatcgctd	tttttttt 160	303	
Sbjct	49860	gt-ggttttc	┼┼┼┼┼┼ _{╌╶} ┼ _╌ ┼┼┼┼	┼┼┼┼┼┼ -╽┼┰┰┼┐	r††††††† 499	103	

Range 36: 77357 to 77400

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bits	s(44)	9e-15()	44/44(100%)	0/44(0%)	Plus/Plus	
Features	s:					
Query	144588	TTTGGTGAGCG	GGAGTGGGCGCGGAT	CGATAGCCGGCAAG	GCAC 144631	
Sbjct	77357	+++66+67659	gegyetegececeeyt	ͺϛͼϥϯϥͼϛϛͼͼϛϥϥͼ	SCAC 77400	

Range 37: 105404 to 105450

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bits(44)		9e-15()	46/47(98%)	0/47(0%)	Plus/Plus	
Feature	es:					
Query	142255	ŧĠŢĄĠĠĊĊĠĠĊ	ΤΑΘΑΤΕΘΕΑΑΘΑΤΑΘ	ÇAAGÇGÇGAGTTÇT	түүсү түү	01
Sbict	105404	tetyeeçç	tAGATCGCAAGATAG	ϛϗϗͼϲͼϲͼϗͼϯϯϲϯ	rtggtege 1054	50

Range 38: 105988 to 106034

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bits(44)		9e-15()	46/47(98%)	0/47(0%)	Plus/Plus	
Feature	es:					
Query	142255	tGTAGGCCGGC	TAGATCGCAAGATAG	CAAGCGCGAGTTCT	TGGGCGC 1423	301
Sbjct	105988	tetyeeççeeç	t AGATCGCAAGATAG	ϛϥϙͼϲͼϲͼ	тббтсбс 1060	934

Range 39: 107780 to 107826

Score		Expect	identities	Gaps	Strand	Frame	
82.4 bit	s(44)	9e-15()	46/47(98%)	0/47(0%)	Plus/Plus		
Feature	s:						
Query	142255	tGTAGGCCGGC	TAGATCGCAAGATAG TAGATCGCAAGATAG	ÇAAGÇGÇGAGTTÇT	төөөсөс 14230)1	
Sbjct	107780	t gtyggççggç.	ϯልĠልϯċĠċልልĠልϯልĠ	ና ቑቑ፝፞ኇኇኇቑቑ፞ 	тббтсбс 10782	26	

Range 40: 109576 to 109622

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bit	s(44)	9e-15()	46/47(98%)	0/47(0%)	Plus/Plus	_
Feature	s:					
Query	142255	ţĠŢĄĠĠĊĠĠĊ	ͳϟϙϟͳϚϙϹϟϟϙϟͳϟϙ	САР СРАР СРАР СРАР СРАР СРАР СРАР СРАР	төөөсөс 142	301
Sbjct	109576	tetyeecceec.	TAGATCGCAAGATAG TAGATCGCAAGATAG	ϟϥϧϧϯϯϯ	TGGTCGC 109	622

Range 41: 112256 to 112302

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bit	s(44)	9e-15()	46/47(98%)	0/47(0%)	Plus/Plus	
Feature	s:					
Query	142255	ţĠŢĄĠĠĊĊĠĠĊ	ΤΑΘΑΤΟΘΟΑΑΘΑΤΑΘ	СААӨСӨСӨАӨТТСТ	түүсү түүсү	1
Sbjct	112256	tgtyggccggc	 ₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	ϛϥϥͼϲͼϲͼϫ϶ϯϯϲϯ	тббтсбс 11230	2

Range 42: 117376 to 117422

Score		Expect	Identities	Gaps	Strand	Frame
82.4 bit	s(44)	9e-15()	46/47(98%)	0/47(0%)	Plus/Plus	
Feature	es:					
Query	142255	tgTAGGCCGGC	ΤΑΘΑΤΟΘΟΑΑΘΑΤΑΘ	Ç A AGÇGÇGAGTTÇT	Түүсү 142301	1
Shict	117376	161799CCC	+ 7 ⁶ 7 ⁴ 5 ⁶ 7 ⁶ 7 ⁶ 7 ⁴ 7 ⁶	┌ ॺॺढ़ढ़ढ़ढ़ढ़ॺढ़ऻ	TGGTCGC 117422)

Range 43: 49804 to 49849

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bit	s(43)	3e-14()	45/46(98%)	0/46(0%)	Plus/Plus	
Feature	s:					
Query	157131	TGCCGGCACGC	GCGCAAGATCGCAGG	CTGGAGTGCCGGCA	AGCACT 157176	
Sbjct	49804	ϯĠϮĊĠĠĊĂĊĠĊ	gcgcyygytcgcygg	ϛϯͼͼϻͼϯͼϲϲͼͼϲϧ	dgcdct 49849	

Range 44: 68813 to 68858

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bit	s(43)	3e-14()	45/46(98%)	0/46(0%)	Plus/Plus	
Feature	s:					
Query	139996	GCCGGCACGCC	ggagtgccggctggc	atgccggaccgcgg	ТСТТӨС 140041	
Sbjct	68813	gccggcycgcc		γ tecceeyccee	ttttgc 68828	

Range 45: 76316 to 76405

Score		Expect	Identities	Gaps	Strand	Fram	e
80.5 bit	s(43)	3e-14()	75/90(83%)	4/90(4%)	Plus/Plus		
Feature	Features:						
Query	146799	TGTTAGCAAGC	A GGATTGCTGGATCG	<mark>ÇĞĞĞĞ</mark> ТАĞАĞТĞА	ΤϹĠϚϚ-ĠĠ-ϚĄϚ	FGCGAGGG	146854
Sbjct	76316	tgttygcyygc	<u></u> ልፍልተተፍርተ <u></u>	ҁҁҁҁҁҭҽҁҁ	ϯϫĠċċτĠϲτĠĠċĂċ	gegygeeg	76375
Query	146855	AttttttCA	СĞТТТТĞТĞAĞÇĞĞĞ	AGTG 146884			
Sbjct	76376	gtttttttt&	gatttggtgdgcgg	AGTG 76405			

Range 46: 105171 to 105213

Score		Expect	Identities	Gaps	Strand	Frame		
80.5 bits(43)		3e-14()	43/43(100%)	0/43(0%)	Plus/Plus			
Feature	es:							
Query	142254	‡‡ Ģ ŢĄĢĢÇÇĢĢ	ttGTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG 142296 TTGTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG 105213					
Sbjct	105171	++ 6 + 96666	gctagatcgcaagatag	;ϲϥϥͼϲͼϲͼϫ϶ϯϯϲϯ	tg 105213			

Range 47: 105755 to 105797

Score		Expect	Identities	Gaps	Strand	Frame		
80.5 bits(43)		3e-14()	43/43(100%)	0/43(0%)	Plus/Plus			
Feature	s:							
Query	142254	‡‡ Ģ ŢĄĢĢÇÇĢĢ	ttGTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG 142296 TTGTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG 105797					
Sbjct	105755	++ q + yqqc cqq	gctagatcgcaagatag	icyydcgcgygttci	rtg 105797			

Range 48: 107547 to 107589

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bits(43)		3e-14()	43/43(100%)	0/43(0%)	Plus/Plus	
Feature	s:					
Query 142254 ttGTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG 142296						
Sbjct	107547	ttgtyggccgg	gctagatcgcaagatag	;ϛϻϻͼϛͼϛͼϻͼϯϯϛϯ	TG 107589	

Range 49: 109343 to 109385

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bit	s(43)	3e-14()	43/43(100%)	0/43(0%)	Plus/Plus	
Feature	es:					
Query	142254	††GTAGGCCGG	GCTAGATCGCAAGATAG	ӷҁѧѧҁҁҁҁҁѧҁҭҭҁҭ	TG 142296	
Sbjct	109343	++q+yqqccqq	gctagatcgcaagatag	cyygcgcgygttci	TG 109385	

Range 50: 112023 to 112065

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bits(43)		3e-14()	43/43(100%)	0/43(0%)	Plus/Plus	
Feature						
Query	142254	TG 142296				
Sbjct	112023	ttgtyggccgg	gctygytcgcyygytyg	;ϛϒϒϾϚϾϚϾϒϾϯϯϚϯ	TG 112065	

Range 51: 117143 to 117185

Score		Expect	Identities	Gaps	Strand	Frame
80.5 bit	s(43)	3e-14()	43/43(100%)	0/43(0%)	Plus/Plus	
Feature	es:					
Query	142254	ttGTAGGCCGC	TTG 142296			
Sbjct	117143	ttetyeeççe	PSTAGATSGSAAGATAG	ckydedededadte	HG 117185	

Range 52: 69795 to 69836

Score		Expect	Identities	Gaps	Strand	Frame
78.7 bits(42)		1e-13()	42/42(100%)	0/42(0%)	Plus/Plus	
Features:						
Query	160198	ÇGGÇAÇGÇGÇG	<mark>САА</mark> ӨАТСӨСАӨӨСТӨӨ	҉҄҅҄҅҄҅҄҅҄҄҄҅ҾҀҀ҅Ѳ҈ҀѦ҈Ӓ҅ѲҀѦҀ	160239	
Sbjct	69795	çeeçyçeçeçe	CAAGATCGCAGGCTGG LLLLLLL CAAGATCGCAGGCTGG	agtecceecyaecyc	69836	

Range 53: 72005 to 72054

Score		Expect	Identities	Gaps	Strand	Frame		
76.8 bits(41)		4e-13()	47/50(94%)	0/50(0%)	Plus/Plus			
Feature	Features:							
Query	144208	GGGTGCGGGAT	144257					
Sbjct	72005	GGGTGCGGGAT	cecyeecceecycec	tggqqtgcgggtga	gytcgcyygc	72054		

Range 54: 76853 to 76896

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	43/44(98%)	0/44(0%)	Plus/Plus	
Feature	es:					
Query	144468	ŢŢŢĠĠŢĊŢĠĊĠ	GGCTGGATTGTGCGA [.]	ŢĊĠĊĠĠĠĊĠĠŧŧŧŧ	tttt 144511	
Sbict	76853	+++c&+&+&&	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	t¢&&&&&&#+++</td><td>tttt 76896</td><td></td></tr></tbody></table>		

Range 55: 76901 to 76944

Score		Expect	identities	Gaps	Strand	Frame
76.8 bit	s(41)	4e-13()	43/44(98%)	0/44(0%)	Plus/Plus	
Feature	es:					
Query	144420		<mark>ĢĢÇTĢĢ</mark> ĄTTĢTTĢĢÇ			
Sbjct	76901	+++cq+c+qcq	 	የ ተዋና <u></u> ዋተዋናዋዋዋናተዋ	†††† 76944	

Range 56: 92189 to 92229

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	s:					
Query	142256	GTAGGCCGGCT	TAGATCGCAAGATAGCA TAGATCGCAAGATAGCA	AAGCGCGAGTTCTTG	142296	
Sbjct	92189	gtyggccggct	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	Y965959Y9445449	92229	

Range 57: 105277 to 105317

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	es:					
Query 142256 GTAGGCCGGCT		А Ө Ө Ө Ө Ө Ө Ө Ө Ө Ө Ө Ө Ө	ĄĢÇĢÇĢĄĢTTÇTTĢ	142296		
Sbjct 105277 GTAGGCCGGC		AGATCGCAAGATAGCA AGATCGCAAGATAGCA	Y95959Y9445449	105317		

Range 58: 105861 to 105901

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	es:					
Query 142256 GTAGGCCGGC		TAGATCGCAAGATAGCA	AGCGCGAGTTCTTG	142296		
Sbjct 105861 GTAGGCCGGC		tagatcgcaagatagca	4454646446	105901		

Range 59: 107653 to 107693

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Features:						
Query 142256 GTAGGCCGGCT		TAGATCGCAAGATAGCA TITITITITITITITITITITITITITITITITITITI	AGCGCGAGTTCTTG	142296		
Sbjct 107653 GTAGGCCGGCT		₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	AGCGCGAGTTCTTG	107693		

Range 60: 109449 to 109489

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bit	s(41)	4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	s:					
Query 142256 GTAGGCCGGC		TAGATCGCAAGATAGCA	AGCGCGAGTTCTTG	142296		
Sbict	109449	gtyggccggc.	ŀAĠAŦĊĠĊAAĠAŦAĠĊĀ	7466666996446446	109489	

Range 61: 110065 to 110105

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	s:					
Query	142256	GTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGT			142296	
Sbjct 110065 GTAGGCCGGCT		tydytcgcyydytydcy	4454646446	110105		

Range 62: 110373 to 110413

Score	Expect	Identities	Gaps	Strand	Frame

76.8 bits(41) 4e-13() 41/41(100%) 0/41(0%) Plus/Plus

Features:

Query 142256 GTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG 142296 Sbjct 110373 GTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG 110413

Range 63: 112129 to 112169

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Features:						
Query 142256 GTAGGCCGGC		GTAGGCCGGCT4	GATCGCAAGATAGCAAGCGCGAGTTCTTG GATCGCAAGATAGCAAGCGCGAGTTCTTG		142296	
Sbjct 112129 GTAGGCC		qtyqqcçqqçty	γͼγτςͼςγγͼγτγͼςγγ	9++5++9495999	112169	

Range 64: 114365 to 114405

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	es:					
Query	142256	GTAGGCCGGC	TAGATCGCAAGATAGCA	AGCGCGAGTTCTTG	142296	
Sbict	114365	gtyggccggc.	tagatcgcaagatagca	444444444	114405	

Range 65: 114673 to 114713

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	es:					
Query 142256 GTAGGCCGGC		TAGATCGCAAGATAGCA	AGCGCGAGTTCTTG	142296		
Sbict 114673		gtyggccggc.	ͰልĠልተዸĠዸልልĠልተልĠዸል	74454949494	114713	

Range 66: 115165 to 115205

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)		4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	es:					
Query 142256 GTAGGCCGGC		TAGATCGCAAGATAGCA	AGCGCGAGTTCTTG	142296		
Sbict	115165	gtyggccggc.	ŀAĠA†ĊĠĊAAĠA†AĠĊĀ	7445494944	115205	

Range 67: 115293 to 115333

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bit	s(41)	4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	
Feature	es:					
Query	142256	GTAGGCCGGC	ΓΑΘΑΤΟΘΟΑΑΘΑΤΑΘΟΑ	ĄĢÇĢÇĢĄĢTŢÇŢŢĢ	142296	
Shict	115293	ΫϯΫϔϔϒϒΫΫϒ-	Ͱጞ፝፞፞፝፞፞፞ጞ፟፟፟፟፟፟፟፟፟፟፟፟ቝ፝ጜ፝ኇ፟ኯጞ፝ኇ፟፟፟፟፟፟	⋎⋛⋤⋛⋛⋛	115333	

Range 68: 117249 to 117289

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bit	s(41)	4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	_
Feature	es:					
Query	142256	GTAGGCCGGCT	 AGATCGCAAGATAGCA	AGCGCGAGTTCTTG	142296	
Sbjct	117249	gtyggccggct	AGATCGCAAGATAGCA AGATCGCAAGATAGCA	944549994	117289	

Range 69: 119601 to 119641

Score	Expect	Identities	Gaps	Strand	Frame
76.8 bits(41)	4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	



Query	142256	GTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG	142296
Sbjct	119601	GTAGGCCGGCTAGATCGCAAGATAGCAAGCGCGAGTTCTTG	119641

Range 70: 119909 to 119949

Score		Expect	Identities	Gaps	Strand	Frame
76.8 bit	s(41)	4e-13()	41/41(100%)	0/41(0%)	Plus/Plus	_
Feature	s:					
Query	142256	GTAGGCCGGCT	ʹϥϙϥϯϛϙϲϥϥϧ	AGCGCGAGTTCTTG	142296	
Sbjct	119909	gtyggccggct	AGATCGCAAGATAGCA AGATCGCAAGATAGCA	944744989999	119949	

Range 71: 33048 to 33096

Score		Expect	Identities	Gaps	Strand	Frame
75.0 bit	s(40)	1e-12()	47/50(94%)	2/50(4%)	Plus/Plus	
Feature	es:					
Query	114095	TAAAAGAGGTT	ATAAAAGAGGTTCTA/			114143
Sbjct	33048	taaaadaddtt	ĂŦĂĂĂĂĠĂĠĠŦŦĊŦĀ	dadteeecadt-et	t6gtttttt	33096

Range 72: 37584 to 37626

Score	Expect	Identities	Gaps	Strand	Frame
75.0 bits(40)	1e-12()	42/43(98%)	0/43(0%)	Plus/Plus	
Features:					
Query 44971		CCTCAGAGTTCGTTT			
Sbjct 37584	çeeycyttyeeç	çç+çy <u>q</u> qqt+ç <u>q</u> ++	ϛϯϛϯĠĠਖ਼ਖ਼ĠϛĠਖ਼ĠĠ	†† 37626	

Range 73: 36989 to 37048

Score		Expect	Identities	Gaps	Strand	Frame
73.1 bit	s(39)	5e-12()	53/60(88%)	0/60(0%)	Plus/Plus	
Feature	s:					
Query	42532		ACCTGTTAAGCGaaa LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	aaaaacttaatgtt	ͳϯͳϚͳϚϯϯͳϾϚϾϾϯ	AÇATTA 42591
Sbjct	36989	gcccttttggcc/	YCCTGGGAAAGAAAA	AAAAA&++AA+&++	╁┪╁ҁ╁ҁ┪┪╁┇ҁ┇┇	LCATTA 37048

Range 74: 68743 to 68781

Score		Expect	Identities	Gaps	Strand	Frame
73.1 bit	s(39)	5e-12()	39/39(100%)	0/39(0%)	Plus/Plus	
Feature	s:					
Query Sbjct	139998 68743		GAGTGCCGGCTGGCATG 		140036 68781	

Range 75: 70127 to 70165

Score		Expect	Identities	Gaps	Strand	Frame
73.1 bit	ts(39)	5e-12()	39/39(100%)	0/39(0%)	Plus/Plus	
Feature	es:					
Query	145994	GTGTGGGACT	GCTAGCGGGATTGAGTG	GCCGGCAAGCACG	146032	
Sbjct	70127	gtgtgggycto	gctagcgggattgagtg	cceecyye	70165	

Range 76: 70303 to 70341

Score	Expect	Identities	Gaps	Strand	Frame
73.1 bits(39)	5e-12()	39/39(100%)	0/39(0%)	Plus/Plus	
Features:					

Query 145994 GTGTGGGACTGCTAGCGGGATTGAGTGCCGGCAAGCACG 146032 Sbjct 70303 GTGTGGGACTGCTAGCGGGATTGAGTGCCGGCAAGCACG 70341

Range 77: 92641 to 92685

Score		Expect	Identities	Gaps	Strand	Frame
73.1 bit	s(39)	5e-12()	43/45(96%)	0/45(0%)	Plus/Plus	
Feature	es:					
Query	142256	GTAGGCCGGCT	AGATCGCAAGATAGC	, AAGCGCGAGTTCTT	GGGCG 142300	
Sbict	92641	gtyggccggct	 ΑĠΑΤĊĠĊĂĀĠĂΤĀĠĊ	dagededadtteac	GGGCG 92685	

Range 78: 93537 to 93581

Score		Expect	Identities	Gaps	Strand	Frame
73.1 bit	s(39)	5e-12()	43/45(96%)	0/45(0%)	Plus/Plus	
Features:						
Query	142256		\GATCGCAAGATAGC			1
Sbjct	93537	gtyggççggçty	/gY+cgcyygy+ygc	qqqqddddttcac	GGGCG 93581	

Range 79: 332 to 375

Score		Expect	Identities	Gaps	Strand	Frame
71.3 bit	s(38)	2e-11()	42/44(95%)	0/44(0%)	Plus/Plus	
Feature	s:					
Query	142563	TGATTGATCGC	GGCA 142606			
Sbjct	332	<u></u>	AAGCGAGATCGCTGG	ÇYĞLÇHLĞÇLYĞÇL	GGCA 375	

Range 80: 20337 to 20374

Score		Expect	Identities	Gaps	Strand	Frame	_
71.3 bit	s(38)	2e-11()	38/38(100%)	0/38(0%)	Plus/Plus		
Features:							
Query	108660	ATTAGGGGCTCAACATCTCAGTGGTTCTCTGGATTTGA			108697		
Sbjct	20337	AttAGGGGCtd	₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	+64664+4464	20374		

Range 81: 37585 to 37629

Score		Expect	Identities	Gaps	Strand	Frame
71.3 bit	s(38)	2e-11()	43/45(96%)	1/45(2%)	Plus/Plus	_
Feature	es:					
Query	128112	GGAGATTAGGGG	CTCAGAGTTCGTTTC	ТСТӨӨААӨСӨАӨ-	ΤΤ Ģ Ą Ç 1281 55	
Sbjct	37585	ggycyttyggg	cctcAGAGTtcGtttc	ttctggyygcgyga	ttGAC 37629	

Range 82: 68813 to 68850

Score		Expect	Identities	Gaps	Strand	Frame
71.3 bits(38)		2e-11()	38/38(100%)	0/38(0%)	Plus/Plus	
Features:						
Query	140224	GCCGGCACGCCGGAGTGCCGGCTGGCATGCCGGACCGC			140261	
Sbjct	68813	gccggcycgcygygtgccggctggcytgccggyccgc		68850		

Range 83: 68813 to 68850

Score		Expect	Identities	Gaps	Strand	Frame
71.3 bits(38)		2e-11() 38/38(100%)	0/38(0%)	Plus/Plus		
Feature	s:					
Query 140448 GCCGGCACGCCGGAGTGC		ÇGGAGTGCCGGCTGGCA	TGCCGGACCGC	140485		
Shict	68813	Prreference	┍╒╒╱┎┎┎	Ŧ <u>Ŗ</u> ŶŢĠĠ <u>Ŷ</u> ŶŢĠŢ	68850	

Range 84: 77251 to 77288

Score		Expect	Identities	Gaps	Strand	Frame	
71.3 bit	s(38)	2e-11()	38/38(100%)	0/38(0%)	Plus/Plus		
Feature	s:						
Query	139998	ÇĞĞÇAÇĞÇÇĞĞAĞTĞÇÇĞĞÇTĞĞÇATĞÇÇĞĞAÇÇĞÇĞĞ		140035			
Sbjct	77251	çeçeçeçeç	gygtgccggctggcytg	ccepyccecee	77288		

Range 85: 329 to 365

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	37/37(100%)	0/37(0%)	Plus/Plus	
Features:						
Query	141640	TCTTGATTGA1	ТСТТĢАТТĢАТСĢСААĢСĢАĢАТСĢСТĢĢСAĢTСТТĢ			
Sbjct	329	†¢††&ņ†&Å	Ͱϛͼϛϥϥͼϛͼϥͼϥϯϲͼϛϯ	-ддүүдүү	65	

Range 86: 9544 to 9580

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11() 37/37(100%)		0/37(0%)	Plus/Plus	
Feature	s:					
Query	61719	TTTTTCTTATC	GCTTTTCTTAGCGCTTC	TTTTTGGCG	61755	
Sbjct	9544	++++++++4+6	56++++6++466666++6	:+++++6666	9580	

Range 87: 13712 to 13748

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bit	s(37)	7e-11()	37/37(100%)	0/37(0%)	Plus/Plus	
Feature	s:					
Query 61719 TTTTTCTTATCGCTTTTCTTAGCGCTTCTTTTTGGCG			TTTTTGGCG 61	1755		
Sbjct	13712	+++++6++4+6	scttttcttagcgcttc	:+++++6666 13	3748	

Range 88: 24081 to 24122

Score		Expect	Identities	Gaps	Strand	Frame		
69.4 bit	s(37)	7e-11()	42/44(95%)	2/44(4%)	Plus/Plus	_		
Features:								
Query	44856	AAAAGAGGTTAT/	AAAAGAGGTTATAAAAGAGGTTCTACCTCTCATGttttttttt 44					
Sbjct	24081	AAAAGAGGTTATA	††† 24122					

Range 89: 33048 to 33098

	Score		Expect	Identities	Gaps	Strand	Frame
	69.4 bits(37	7)	7e-11()	48/53(91%)	2/53(3%)	Plus/Plus	
Features:							
	Query 94			AAAGAGGTTCTAAAAT(7777777777	5023
	Sbjct 33	3048	ተልልልልልልልተተልተል	AAAGAGG++E+AAAA+o	gggcapt-gttgg	++++++ -+66 з	3098

Range 90: 33048 to 33096

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bit	s(37)	7e-11()	46/50(92%)	2/50(4%)	Plus/Plus	
Feature	s:					
Query	94351	ŢĄĄĄĄĢĄĢŢŢĄŢ	- - - - - - - - - - - - - - - - - - -	<mark></mark> ААТGGGCATCGTT		94399
Sbjct	33048	taaaadaddttat	-AAAAGAGG++2+AA	AAtGGGCAAt-Gtt	gttttttt	33096

Range 91: 33048 to 33096

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	46/50(92%)	2/50(4%)	Plus/Plus	_
Features:						
Query 115791 TAAAAGAGGTTATAAAAGAGGTTCTAAAATGGGCCTTCGTTG-tttttt					115839	
Sbjct	33048	+444446464+4	744449999944	dddtgggcaat-gt	t6gtttttt	33096

Range 92: 65657 to 65696

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	39/40(98%)	0/40(0%)	Plus/Plus	
Feature	s:					
Query 145992 GCGTGTGGGACTGCTAGCGGGATTGAGTGCCGGCAAGCAC 146031 Sbjct 65657 GCGGGTGGGACTGCTAGCGGGATTGAGTGCCGGCAAGCAC 65696						
Sbjct	65657	gcgegtgggyct	ϟϛϯϙͼϛͼͼͼϙϯϯͼϙͼϯ	gccggcyygcyc	65696	

Range 93: 66400 to 66436

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	37/37(100%)	0/37(0%)	Plus/Plus	
Features	s:					
Query	135759	tGTGTGCCGGAT	- - - - - - - - - - - - - - - - - - -	AAGATCGACG	135795	
Sbjct	66400	<u> </u>	-ç q ç q q q ç q	AAGATEGAEG	66436	

Range 94: 67088 to 67149

Score		Expe	ct Ident	ities	Gaps	Strand	Fram	е
69.4 bit	s(37)	7e-11	() 57/66	6(86%)	4/66(6%)	Plus/Plus		
Feature	es:							
Query	147083	төсөөөт	GCGCCGGCATG	ӷҁҁҁҁҭҭҭ	TTAACTTTGGTG <i>I</i>	AGCGGGAGTGGTT	GATCGCA	147142
Sbjct	67088	<u> </u>	ҁҵҁҁҁҁҁҁҁҁҁ	:çqq-++-++c	ct-A-ttt&&t&/	/PREPPP	- ἀΑΤΕΘΕΆ	67143
Query	147143	ĄĢÇŢĄĢ	147148					
Sbjct	67144	YQC4YQ	67149					

Range 95: 70465 to 70501

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	37/37(100%)	0/37(0%)	Plus/Plus	
Feature	s:					
Query	144208	GGGTGCGGGAT	ÇGÇAGGÇÇGÇAÇGÇT	GGAGTGCGGG 1	44244	
Sbjct	70465	gggtgçgggyt	çeçyeeççeeçyçeçt	ggygtgcggg 2	70501	

Range 96: 70625 to 70661

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	37/37(100%)	0/37(0%)	Plus/Plus	
Features:						
Query 144208 GGGTGCGGGATCGCAGGCCGGCACGCTGGAGTGCGGG					44244	
Sbjct	70625	gggtgcgggAt	CGCAGGCCGGCACGCT	ggyg4gçggg 2	70661	

Range 97: 71072 to 71114

Score		Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)		7e-11()	41/43(95%)	0/43(0%)	Plus/Plus	_
Feature	s:					
Query	137151		iCGCTGGCATGCCGG		1 1 1	
Sbjct	71072	<u></u>	ͼϛͼϛϯͼͼϛϫϯͼϛϛͼͼ	çqteetteçteeyt	CGC 71114	

Range 98: 71256 to 71298

Score	Expect	Identities	Gaps	Strand	Frame
69.4 bits(37)	7e-11()	41/43(95%)	0/43(0%)	Plus/Plus	
Features:					
Query 137151	†GTCGGCACGA(GCGCTGGCATGCCGG 	сөттстт <mark>өстө</mark> ө <mark></mark> өт	CGC 137193	
Sbjct 71256	tetceecycey	gcgctggcytgccgg	çqteetteçteeyt	CGC 71298	

Range 99: 65845 to 65880

Score	Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	

Features:

Query 144164 GAGTGGTTGATCGCAAGCTAGCGGGATAGATATTTT 144199 Sbjct 65845 GAGTGGTTGATCGCAAGCTAGCGGGATAGATATTTT 65880

Range 100: 66969 to 67051

Score		Expect	Identities	Gaps	Strand	Frame	9
67.6 bit	s(36)	2e-10()	68/83(82%)	4/83(4%)	Plus/Plus		
Feature	s:						
Query	144244	GGTTGATCGCA	ĄGCTĄGCGGGĄTĄ	GATAtttttt	ţĄAGAŢŢŢŦĢŢĢĄĆ	GCGGGAGT	144299
Sbjct	66969	<u>eetteyteer</u>	<u></u>	.dAtAgtcggcgtttt	tAtcctttggtgAd	gcgggggt	67028
Query	144300	GTTAGAGGGAT	CGATCGCGGGCA	144322			
Sbjct	67029	ggt Agac ggat.	AGAGTGCGGGCA	67051			

Range 101: 68743 to 68778

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	ts(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	140226	CGGCACGCCG	G AGTGCCGGCTGGCATG	CCGGACCGC 1	140261	
Shict	68743	$\frac{1}{2}$	┇┪╃╃╃┸	₽₽₽₽₽₽₽₽₽₽₽	58778	

Range 102: 68743 to 68778

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	s:					
Query	140450		А <mark>Ģ</mark> ТĢÇÇĢĢÇТĢĢÇАТĢ		0485	
Sbjct	68743	çeeçyçeççee	AGTGCCGGCTGGCATG	cceeyccec es	778	

Range 103: 76049 to 76084

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	135760		CGCGGGCTAGAGTGCA		135795	
Sbjct	76049	gtgtgccggyt	.ceceeectye	7 4 4 4 4 4 4	76084	

Range 104: 76968 to 77016

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	45/49(92%)	1/49(2%)	Plus/Plus	_
Feature						
Query	142371	TGTATGCCGGC	rcgatcgctggatcg <i>i</i>	ACGttttttttt	ttt-ttttc	142418
Sbjct	76968	<u></u>	Ͱϲͼϫϯϲͼϲϯͼͼϫϯϲͼ͵	\cdgttgtttttt	ttaattttċ	77016

Range 105: 77251 to 77286

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	140226	CGGCACGCCGG	҉҄҅҄҅҄҅҅҄҄҅ҾҀҬҿ҄ҀҀӐҬҿ		40261	
Sbjct	77251	ceecyceccee	agtgccggctggcatg	ÇÇĞĞYÇÇĞÇ 22	7286	

Range 106: 77251 to 77286

Score	Expect	Identities	Gaps	Strand	Frame
67.6 bits(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Features:					
0	6666466666				

Query140450CGGCACGCCGGAGTGCCGGCTGGCATGCCGGACCGC14048Sbjct77251CGGCACGCCGGAGTGCCGGCTGGCATGCCGGACCGC77286

Range 107: 91495 to 91530

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bits	s(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Features	s:					
Query	142258	AGGCCGGCTAC	GATCGCAAGATAGCAAG GATCGCAAGATAGCAAG	CGCGAGTTC 14	2293	
Sbjct	91495	γ ρος συστοί της συστ	϶ϫϯϲͼϲϫϫͼϫϯϫͼϲϫϫͼ	ckakakattk 91	530	

Range 108: 94355 to 94390

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	142258	ĄGGCCGGCTĄC	GATCGCAAGATAGCAAG LITTITITITITITITITITITITITITITITITITITI	CGCGAGTTC	142293	
Sbjct	94355	yeeççeeçty(BAtcGCAAGATAGCAAG	cecepter	94390	

Range 109: 117667 to 117702

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	ts(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	142258	AGGCCGGCTAC	GATCGCAAGATAGCAAG	CGCGAGTTC 14	2293	
Sbjct	117667	Y PPC	ϟϪϯϲͼϲϭϪͼϪϯϫͼϲϫϫͼ	cgcgygttc 11	7702	

Range 110: 118019 to 118054

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	ts(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	142258	ĄGGCCGGCTĄ	G ATCGCAAGATAGCAAG	сөсөлөтте 142	2293	
Sbict	118019	AggccggctA	BATCGCAAGATAGCAAG	:cdcdAdttc 118	3054	

Range 111: 120823 to 120858

Score		Expect	Identities	Gaps	Strand	Frame
67.6 bit	s(36)	2e-10()	36/36(100%)	0/36(0%)	Plus/Plus	_
Feature	s:					
Query	142258	AGGCCGGCTAG	ATCGCAAGATAGCAAG	CGCGAGTTC	142293	
Sbjct	120823	YGGCCGGC4YG	iAtcGCAAGATAGCAAG	çeçeyettç	120858	

Range 112: 377 to 414

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	37/38(97%)	0/38(0%)	Plus/Plus	
Feature	es:					
Query	160712	GCACGCAAGAG	TTCTTGCTCGCGGTC	TTGATCGCGGGC	160749	
Sbjct	377	gcacgcaagag	++6++66+66666+6	ttgytçgagggç	414	

Range 113: 32786 to 32820

Score		Expect	Identities	Gaps	Strand	l Frame	
65.8 bits	s(35)	9e-10()	35/35(100%)	0/35(0%) Plus/P	lus	
Features	s:						
Query	53253	GTTAAAAGAGTT	ÇĞTTĞTTAAAAĞAĞTT	ССЕТТЕТТ 5	3287		
Sbjct	32786	GTTAAAAGAGTT	ç <u>e</u> ++ <u>e</u> ++yyyqeye++	-ç <u>q</u> + <u>q</u> ++ 3	2820		

Range 114: 37589 to 37623

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bits(35)		9e-10()	35/35(100%)	0/35(0%)	Plus/Plus	
Feature	es:					
Query	53412	ĄŢŢĄĢĢĢÇÇŢÇĄ	GAGTTCGTTTCTCTGG GAGTTCGTTTCTCTGG	AAGCGAG 534	46	
Sbict	37589	AttAGGGCCtCA	\&&&++&&+++&+&	iAAGCGAG 376:	23	

Range 115: 65304 to 65360

Score		Expect	Identities	Gaps	Strand	Fram	e
65.8 bit	s(35)	9e-10()	54/62(87%)	5/62(8%)	Plus/Plus		
Feature	es:						
Query	144134		ФАРТТТТӨТӨӨӨАСТ			1111111	144193
Sbjct	65304	<u> </u>	- AG++++-	gcaggygtggttg	ϯϯϙϥϫϗͺͺͺͺͺ	iggytygy	65358
Query	144194	TA 144195					
Sbjct	65359	th 65360					

Range 116: 66393 to 66436

Score		Expect	Identities	Gaps	Strand	Frame		
65.8 bits(35)		9e-10()	41/44(93%)	0/44(0%)	Plus/Plus			
Feature	Features:							
Query	137244		ŢĠĊĊĠĠĄŢĊĠĊĠĠĠĊ [੶]					
Sbjct	66393	ecteecetere.	ŀŖĊĊŖŖŊĻĊŖĊŖŖŖŢ	Ͱϥͼϥϥϥϥ	GACG 66436			

Range 117: 66393 to 66436

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	41/44(93%)	0/44(0%)	Plus/Plus	
Feature	s:					
Query	137312	Ģ СТĢТСТТĢСĢ ⁻	ŢĠĊĊĠĠĄŢĊĠĊĠĠĠĊ [੶]	TAGAGTGCAAGATC	GACG 137355	
Sbjct	66393	gctgecetete.	LGCCGGATCGCGGGC	tagagtgcaagatc	GACG 66436	

Range 118: 76051 to 76097

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	43/47(91%)	0/47(0%)	Plus/Plus	
Feature	s:					
Query	138770	GTGCCGGATCG	Ҫ҅҅҄҅҄҅Ҁ҅Ѳ҉Ҁ҄ҾҾѦ	GATCGACGttttt	tttttt 13881	.6
Sbjct	76051	gtgccggytcg	CGGGCTAGAGTGCAA 	GATCGACGGGGATT	++++++6 76097	•

Range 119: 92140 to 92174

Score		Expect	Identities	Gaps	Strand	Frame
65.8 bit	s(35)	9e-10()	35/35(100%)	0/35(0%)	Plus/Plus	_
Feature	es:					
Query	138131	ŢĢÇĢŢĢÇĢĢĄ	τΑΘΕΤΑΘΑΤΕΘΕΕΘΑ	ттөдөтөс 138	165	
Sbjct	92140	teceteceee	;ϯልĠĊϯልĠልϯĊĠĊĊĠĠል	14499495 951	74	

Range 120: 66400 to 66436

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	36/37(97%)	0/37(0%)	Plus/Plus	
Feature	es:					
Query	138767	ŢĠĊĠŢĠĊĊĠĠĄ	<u></u>		138803	
Sbjct	66400	ϯĠϮĠϯĠĊĊĠĠĂ·	tcgcgggctagagtg	çyygytçgyçg	66436	

Range 121: 66585 to 66682

Score		Expect	Identities	Gaps	Strand	Fram	е
63.9 bit	s(34)	3e-09()	78/98(80%)	8/98(8%)	Plus/Plus		
Feature	s:						
Query	145328	ĢÇĢĢŢŢŢŢÇACA	ŢŢŢĊĠĠĠĊĠĊĊĠĠĄ [.]	Ţ ĊĠ ĄĠŢĠĄĠĠĠĊŢĠ	GCATG-TTGG	CATGCAT	145383
Sbjct	66585	gçggttttçtec	ţţţaĠĠĠĠĠĊĠĠĠ	tçeyeteyeeçte	gcqtggttgatco	SCAAGAGT	66644
Query	145384	GCAAGCTAt	tttttttGCT-TT	тсеетсесеес	145417		
Sbjct	66645	gcgggctygagt	++++++++c&+a++-	tçqqteqqqqq	66682		

Range 122: 68181 to 68239

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	51/59(86%)	2/59(3%)	Plus/Plus	
Feature	es:					
Query	147046	GGGTTGTTTT.	AG-T-TTTTGTTAGA TGCTGTTTTGTTAGA	ϯϲϙϲϙϙϙϲϯϙϙϼϯ	·ϙϲϙϙͼϫϙϲϙϲϙϙ	ATGCG 147102
Sbjct	68181	GGGATTTTTT	тĠctgttttĠttฝĠА [.]	tçeçeeeçteeyet	ŖĊĠĠĠĠĠĸĠĊĊĠĠĊ	ACGCG 68239

Range 123: 72057 to 72096

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	38/40(95%)	0/40(0%)	Plus/Plus	
Features:						
Query				144275		
Sbjct	72057	GAGCGCGGGGT1	ŀŖŸĻĢŖŢŸŖŖŢ	GGGATAGATAGTTT	72096	

Range 124: 76051 to 76084

Score	Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)	3e-09()	34/34(100%)	0/34(0%)	Plus/Plus	
Features:					

Query 137254 Sbjct 76051

Range 125: 76051 to 76084

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0%) Plus/Plu	IS
Feature	s:					
Query	137322	GTGCCGGATCG	Сөөөст <u>ү</u> өүөтөсүүө	ATCGACG 1	.37355	
Sbjct	76051	gtgccggytcg	CGGGCTAGAGTGCAAG 	Ytceyce 2	6084	

Range 126: 91945 to 91978

Score		Expect	Identities	Gaps		Strand	Frame
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0	0%)	Plus/Plus	
Feature	s:						
Query	138048		- CGCAAGCTAGCGGGAT		138081		
Sbjct	91945	†¢††&A††&A†	-çqcqqqctqqcqqqq	Y QY+YQC	91978		

Range 127: 92321 to 92354

Score	Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)	3e-09()	34/34(100%)	0/34(0%)	Plus/Plus	
Features:					

Query 138132 GCGTGCGGGATAGCTAGATCGCCGGATTGAGTGC 138165 Sbjct 92321 GCGTGCGGGATAGCTAGATCGCCGGATTGAGTGC 92354

Range 128: 92805 to 92838

Score		Expect	Identities	Gaps	Strand	Frame	
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0	%) Plus/Pl	us	
Feature	es:						
Query	138048	TCTTGATTGAT	ŢĊĠĊĄĄĠĊŢĄĠĊĠĠĠĄŢ	AGATAGC	138081		
Sbjct	92805	<u>+</u> 6++64++64-	tçeçyyeçtyeçeeyyt	AGATAGC	92838		

Range 129: 93701 to 93734

Score		Expect	Identities	Gaps	Strand	Frame
63.9 bits(34)		3e-09()	34/34(100%)	0/34(0%) Plus/Plus	
Feature	es:					
Query	138048	ŢĊŢŢĠĄŢŢĠĄ	TCGCAAGCTAGCGGGAT	AGATAGC 1	38081	
Sbjct	93701	ተረተተۈልተተۈል-	tçeçyyeçtyeçeeeyt	YPYTYPP 9	3734	

Range 130: 32757 to 32789

Score		Expect	Identities	Gaps	Strand	Frame	
62.1 bits(33)		1e-08()	33/33(100%)	0/33(0%)	Plus/Plus		
Feature	s:						
Query	53272	AAAAGAGTTCG	TGTTAAAAGAGTTCGT TTGTTAAAAGAGTTCGT	ТӨТТА 5330)4		
Sbjct	32757	AAAAGAG††¢G	ttgttyyyyyy	tdttA 3278	39		

Range 131: 67125 to 67160

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bits(33)		1e-08()	35/36(97%)	0/36(0%)	Plus/Plus	
Feature	es:					
Query	144160	GCCGGAGTGGT	ŢĢĄŢĊĠĊĄĄĠĊŢĄĠĊ	GGGATAGATA 14	4195	
Shict	67125	eceeeee	Ŧ <u>Ŗ</u> ŸŦ <u>Ÿ</u> ĔŸŸŸŸŸ	⁷ 667476747 e2	160	

Range 132: 77117 to 77158

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bits(33)		1e-08()	39/42(93%)	0/42(0%)	Plus/Plus	_
Features:						
Query 145332 TTTTCACATT			: :GGGCGCCGGATCGA	ĠŢĠĄĠĠĠĊŢĠĠĊĄŢĠ	T 145373	
Sbjct 77117		┼┼┼ ┟┰┰╽┼┼	reeerfe	ͼϯͼϒͼͼͼϲϯͼͼϲϒϯͼ	it 77158	

Range 133: 91609 to 91641

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33(0%)	Plus/Plus	
Feature	s:					
Query	144600		GGGATCGATAGCCGGCA	111111	632	
Sbjct 91609 GAGTGG		gygtggggg	ŖĠŖĸĸŖŖĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	YP 1919	41	

Range 134: 91873 to 91905

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33(0%)	Plus/Plus	_
Feature	es:					
Query	157096	ŢĊŢŢĠĄĠĊĠĊĠ	GGGATCGATAGCCGGCA	AGCACT 157	128	
Sbjct	91873	tcttgygcgcg	GGGATCGATAGCCGGCA GGGATCGATAGCCGGCA	ygcyct 818	05	

Range 135: 91873 to 91905

Score		Expect	Identities	Gap	s	Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus	
Feature	s:						
Query	158496		GGGATCGATAGCCGGCA		158528		
Sbjct	91873	tçtteyeçeçe	eggytçgytygççggçy	AGCACT	91905		

Range 136: 91873 to 91905

Score		Expect	Identities	Gap	S	Strand	Frame	
62.1 bits(33)		1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus		
Features:								
Query 159444 TCTTGAGCGCGGGATCGATAGCCGGCAAGCACT 159476								
Sbjct	91873	tcttgygcgcg	ŖŖŖŢŖŖŢŢŖŖŖŖ	YPFYF	91905			

Range 137: 92717 to 92749

Score		Expect	Identities	Gap	s	Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33	6(0%)	Plus/Plus	
Feature	es:						
Query	157096	ŢĊŢŢĠĄĠĊĠĊĠ	GGGATCGATAGCCGGCA 	AGCACT	157128		
Sbjct	92717	†¢††&&&&&	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	YGCYC+	92749		

Range 138: 92717 to 92749

Score		Expect	Identities	Gaps	Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33(0%	%) Plus/Plus	
Feature	s:					
Query	158496		GGGATCGATAGCCGGCA		58528	
Sbjct	92717	tçtteyeçeçe	GGATCGATAGCCGGCA	Ygcyct a:	2749	

Range 139: 92717 to 92749

Score		Expect	Identities	Gap	s	Strand	Frame
62.1 bits(33)		1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus	
Feature	s:						
Query	159444	TCTTGAGCGC	TCTTGAGCGCGGGATCGATAGCCGGCAAGCACT				
Sbjct	92717	tcttgygcgc	ŖĠŖĸĸŖŖĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	YPÇYÇ4	92749		

Range 140: 93613 to 93645

Score	Expect	Identities	Gaps	Strand	Frame

62.1 bits(33) 1e-08() 33/33(100%) 0/33(0%) Plus/Plus

Features:

Query 157096 TCTTGAGCGCGGGATCGATAGCCGGCAAGCACT 157128 Sbjct 93613 TCTTGAGCGCGGGATCGATAGCCGGCAAGCACT 93645

Range 141: 93613 to 93645

Score		Expect	Identities	Gap	S	Strand	Frame
62.1 bit	s(33)	1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus	
Feature	s:						
Query	158496	TCTTGAGCGC	GGGATCGATAGCCGGCA	AGCACT	158528		
Sbjct	93613	tcttgygcgc	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	YPFYF	93645		

Range 142: 93613 to 93645

Score		Expect	Identities	Gap	s	Strand	Frame
62.1 bit	s(33)	1e-08()	33/33(100%)	0/33	(0%)	Plus/Plus	
Feature	s:						
Query	159444	ŢĊŢŢĠĄĠĊĠĊĠ	GGGATCGATAGCCGGCA	ĄĢÇĄCŢ	159476		
Sbjct	93613	<u> </u>	eggytçgytygççggçy	ΫΫςΫςϯ	93645		

Range 143: 36105 to 36136

Score		Expect	Identities	Gaps	3	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32((0%)	Plus/Plus	
Feature	es:						
Query	102964	^	TAATTTGGAAGGACGGA TAATTTGGAAGGACGGA	.GGGCA :	102995		
Sbjct	36105	<u> </u>	ͰልልተተተĠĠልልĠĠልċĠĠል	gggcy :	36136		

Range 144: 65329 to 65360

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)		4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Feature	es:					
Query	144324		CGCAAGCTAGCGGGAT			
Sbjct	65329	gygtggttgyt	CGCAAGCTAGCGGGAT	AGATA 65360		

Range 145: 65849 to 65880

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)		4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Features:						
Query 144244 GGTTGATCGCAAGCTAGCGGGATAGATAtttt 144275						
Sbjct	65849	<u></u>	ϪͼϹϯϪͼϹͼͼͼϪϯϪͼϪϯ	·Atttt 65880		

Range 146: 66965 to 66996

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)		4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Feature	s:					
Query	144164	GAGTGGTTGAT	ӷҁҁҁѧѧҁҁҭѧҁҁҁҁҁѧҭ	AGATA 144195		
Sbjct	66965	GAGTGGTTGAT	CGCAAGCTAGCGGGAT	AGATA 66996		

Range 147: 67129 to 67160

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	

Features:

Query 144324 144355 Sbjct 67129

Range 148: 70464 to 70498

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	34/35(97%)	0/35(0%)	Plus/Plus	
E					

Features:

Query 141675 Sbjct 70464

Range 149: 70624 to 70658

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	34/35(97%)	0/35(0%)	Plus/Plus	
Egaturas:					

Features:

Query 141675 Sbjct 70624

Range 150: 72007 to 72038

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Feature	s:					
Query	141678	GTGCGGGATCG	GCAGGCCGGCACGCTGG	AGTGC 141709		
Sbjct	72007	gtgcgggytcg	ͼϛϻͼϙϲϛͼͼϛϻϲͼϲϯͼͼ	AGTGC 72038		

Range 151: 76467 to 76498

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Features:					

Query 141678 Sbjct 76467

Range 152: 76501 to 76532

Score		Expect	Identities	Gap	S	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32	(0%)	Plus/Plus	
Feature	es:						
Query	144168	GGTTGATCGCA	\AGCTAGCGGGATAGAT	ATTTT :	144199		
Sbjct	76501	gg+tgy+çgç	/Y9414959994	A+++ +	76532		

Range 153: 76501 to 76532

Score		Expect	Identities	Gaps	Strand	Frame
60.2 bit	s(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Feature	es:					
Query	144328	GGTTGATCGCA	\AGCTAGCGGGATAGAT	ATTTT 144359)	
Sbjct	76501	gg+tgy+çgç	\AGCTAGCGGGATAGAT	Atttt 76532		

Range 154: 91945 to 91976

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	

Features:

Query 138668 Sbjct 91945

Range 155: 92805 to 92836

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Footures:					

Features:

Query 138668 138699 Sbjct 92805

Range 156: 93701 to 93732

Score	Expect	Identities	Gaps	Strand	Frame
60.2 bits(32)	4e-08()	32/32(100%)	0/32(0%)	Plus/Plus	
Features:					

Query 138668 Sbjct 93701

Range 157: 16561 to 16594

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	33/34(97%)	0/34(0%)	Plus/Plus	_

Features:

Query 101716 101749 16594 Sbjct 16561

Range 158: 24073 to 24109

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	35/37(95%)	0/37(0%)	Plus/Plus	_
Features:					

Sbjct 24073

Range 159: 66477 to 66510

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	33/34(97%)	0/34(0%)	Plus/Plus	

Features:

Query 142764 66510 Sbjct 66477

Range 160: 76316 to 76384

Score		Expect	Identities	Gaps	Strand	Frame	
58.4 bit	s(31)	1e-07()	57/69(83%)	4/69(5%)	Plus/Plus		<u></u>
Feature	s:						
Query	146727	ŢĠŢŢĄĠĊĄĄĠĊ	: AGGATTGCTGGATCG	ССФФСТАФАСТОАТ	CGCCGGCAC	GCGAGTT :	146782
Sbjct	76316	tettyecyyec	;ϥͼͼϥϯϯͼϛϯͼͼϥϯϲͼ	eceeereeep	agcctgctggc	gcgygce :	76375
Query	146783	Gttttttt	146791				
Sbjct	76376	6+++++++	76384				

Range 161: 76503 to 76576

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	63/78(81%)	4/78(5%)	Plus/Plus	

Features:

 Query
 138674
 TTGATCGCAAGCTAGCGGGATAGATATTTTGTACGCAATCTTGATAGAGGGCTAGCCTTC
 13873

 Sbjct
 76503
 TTGATCGCAAGCTAGCGGGATAGATATTTTTTTTGCA--CTT--TAGGGGGCACGCCTGC
 76558

Query 138734 TTGCGCGCCGGCATGCGG 138751 Sbjct 76559 TGGCACGCGTGCATGCGG 76576

Range 162: 77181 to 77214

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	33/34(97%)	0/34(0%)	Plus/Plus	
Features:					
			TCCC1TCT 4455		

Query 145284 TTTCGGGCGCCGGATCGAGTGAGGGCTGGCATGT 14531 Sbjct 77181 TTTAGGGCGCCCGGATCGAGTGAGGGCTGGCATGT 77214

Range 163: 91875 to 91905

Score		Expect	Identities	Gaps	Strand	Frame
58.4 bit	s(31)	1e-07()	31/31(100%)	0/31(0%)	Plus/Plus	
Feature	es:					
Query	152478	ŢŢĢĄĢÇĢÇĢĢ	, GATÇGATAGÇÇGGÇAAG	ÇĄÇŢ 152508		

Range 164: 92719 to 92749

Sbjct 91875

Score		Expect	Identities	G	aps	Strand	Frame
58.4 bit	s(31)	1e-07()	31/31(100%)	0/	'31(0%)	Plus/Plus	_
Feature	s:						
Query	152478	TTGAGCGCGG	ΑΤΓΘΑΤΑΘΓΓΘΘΓΑΑΘ	ÇĄÇŢ	152508		
Sbjct	92719	ttgygçgçgg	attegatageeggeaag	çyçt	92749		

Range 165: 93615 to 93645

Score	Expect	Identities	Gaps	Strand	Frame
58.4 bits(31)	1e-07()	31/31(100%)	0/31(0%)	Plus/Plus	
Features:					
Query 152478	TTGAGCGCGG	GATCGATAGCCGGCAAG	CACT 152508		
Sbjct 93615	ttgygçgçggg	gytcgytygccggcyyg	CACT 93645		

Range 166: 5709 to 5745

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	35/37(95%)	2/37(5%)	Plus/Plus	
Feature	es:					
Query	60122		GAGGTGTTAAAAGAG		0156	
Sbjct	5709	GAGGTGGTAAAA	gaggtgttaaaaagag	5 14444444	745	

Range 167: 9957 to 9993

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	35/37(95%)	2/37(5%)	Plus/Plus	
Feature	es:					
Query	60122	GAGGT-G-AAAA	GAGGTGTTAAAAGAG	<mark>ĠŢŢ</mark> ĄŢĄĄĄĄŢ 60	156	
Sbjct	9957	GAGGTGGTAAAA	GAGGTGTTAAAAGAG	6ttAtAAAAt 99	93	

Range 168: 65848 to 65880

Score	Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)	5e-07()	32/33(97%)	0/33(0%)	Plus/Plus	

Features:

Query138671TGATTGATCGCAAGCTAGCGGGATAGATATTTT138703Sbjct65848TGGTTGATCGCAAGCTAGCGGGATAGATATTTT65880

Range 169: 66597 to 66629

Score	Expect	Identities	Gaps	Strand	Frame
56.5 bits(30)	5e-07()	32/33(97%)	0/33(0%)	Plus/Plus	_
Features:					

Query 145284 TTTCGGGCGCCCGGATCGAGTGAGGGCTGGCATG 145316 Sbjct 66597 TTTAGGGCGCCCGGATCGAGTGAGGGCTGGCATG 66629

Range 170: 67223 to 67252

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Feature	s:					
Query	137682		ΑΤΓΑΓΑΘΑΡΑΤΑΘΑΤΑΤΑ			
Sbjct	67223	<u> </u>	gytcgcgggytygytyt	+++ 67252		

Range 171: 67496 to 67525

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Feature	es:					
Query	142911	TGTAGGCGGG	ATAGATAGCTGGCGAGC	GGG 142940		
Sbjct	67496	tgtyggçggg	YTAGATAGCTGGCGAGC	GGG 67525		

Range 172: 67919 to 67948

Score		Expect	Identities	Gaps	Strand	Frame	
56.5 bit	s(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus		
Feature	s:						
Query	145190	ттөтөтөсөөө	ΘΑΤΑΘΑΘΤΘΑΤΟΘΟΑΑΘ	ACG 145219			
Sbjct	67919	++ q + q + q c qq	GATAGAGTGATCGCAAG GATAGAGTGATCGCAAG	GACG 67948			

Range 173: 68213 to 68248

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	34/36(94%)	0/36(0%)	Plus/Plus	
Feature	s:					
Query	142872		GGGGAGCCGGCACGC	T	42907	
Sbjct	68213	<u></u> 	GGGGAGCCGGCACGC	gtgcyygygy e	8248	

Range 174: 69501 to 69530

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	30/30(100%)	0/30(0%)	Plus/Plus	
Feature	es:					
Query	142912	GTAGGCGGGA ⁻	ΤΑΘΑΤΑΘΟΤΘΘΟΘΑΘΟΘ	GGT 142941		
Sbict	69501	gtyggcgggy.	tagatagctggcgagcg	GGT 69530		

Range 175: 75337 to 75373

Score		Expect	Identities	Gaps	Strand	Frame
56.5 bit	s(30)	5e-07()	35/37(95%)	2/37(5%)	Plus/Plus	
Feature	s:					
Query	140802	T¢T¢-TT-GGA	ϙ ϙϲϧϧϙϲϧϲϙϲϙϙϙ	CTGCCGGAGTT	140836	
Shict	75337	╁┟┼┟┰┼┼╻╬┟╽	ϙͼϧϙϙͼϧϙϧͼϧͼͼͼϭ	╁╀┞┞┞┞┞	75373	

Range 176: 5716 to 5744

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits(29)		2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	88007	 ‡₳₳₳₳	ţĄĄĄĢĢĢĢŢĢŢŢĄĄĄĄĢĢĢŢŢĄŢĄĄĄĄ			
Sbjct	5716	tAAAAGAGGtGt	TAAAAGAGGTTATAAAA	5744		

Range 177: 9964 to 9992

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	88007		ΓΤΑΑΑΑΘΑΘΘΤΤΑΤΑΑΑΑ	88035		
Sbjct	9964	449999944	-tAAAAGAGGTTATAAAA	9992		

Range 178: 18505 to 18536

Score		Expect	Identities	Gaps	;	Strand	Frame
54.7 bit	s(29)	2e-06()	32/33(97%)	1/33(3%)	Plus/Plus	
Feature	s:						
Query	128080		A AGAAGCTTGCAATTTAAGAAGTTTCTAATTGG				
Sbjct	18505	YYGYYGC++GC	74++4767794++46	HA-++66	18536		

Range 179: 27325 to 27356

Score		Expect	Identities	Ga	ıps	Strand	Frame	_
54.7 bits	s(29)	2e-06()	31/32(97%)	0/3	32(0%)	Plus/Plus		
Features	S :							
Query	71532	ĄŢŢŦĄŢŢĄĢĢĢĢ	- - - - - - - - - - - - - - - - - - -	TTGGT	71563			
Sbjct	27325	AttaAttAGGGG	TCAACATCTTAACA TCAACATCTTAACA	++66+	27356			

Range 180: 67417 to 67445

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	ts(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	es:					
Query	142912	GTAGGCGGGATAGATAGCTGGCGAGCGGG		142940		
Sbjct	67417	gtyggçggyt	-yeyyey	67445		

Range 181: 67948 to 67976

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Features:						
Query	142883	ĢĢĢĢĢĢÇĢĢĢĢĢĢĢĢĢĢ ĀŢŢŢŢ		142911		
Sbjct	67948	GGGGAGCCGGCACGCGTGCAAGAGATTTT		67976		

Range 182: 71072 to 71100

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bits	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	136575		†GTCGGCACGAGCGCTGGCATGCCGGCGT			
Sbjct	71072	†q†çqqcqqq	cecteecytecceecet	71100		

Range 183: 71256 to 71284

Score		Expect	Identities	Gaps	Strand	Frame			
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus				
Feature	Features:								
Query	136575	ţĠŢĊĠĠĊĄĊĠĄĊ	сестеес <u></u>	136603					
Sbjct	71256	TGTCGGCACGAGCGCTGGCATGCCGGCGT		71284					

Range 184: 72065 to 72096

Score	Expect	Identities	Gaps	Strand	Frame
54.7 bits(29)	2e-06()	31/32(97%)	0/32(0%)	Plus/Plus	
Features:					
0	CCTTCATCCCA	ACCTACCCCCATACA	TATTTT 444400		

Query144168GGTTGATCGCAAGCTAGCGGGATAGATATTTT144199Sbjct72065GGTTGATCGCAAGCTAGCGGGATAGATAGTTT72096

Range 185: 72065 to 72096

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	31/32(97%)	0/32(0%)	Plus/Plus	_
Feature	s:					
Query	144328		 АĞСТАĞСĞĞĞATAĞA		9	
Sbjct	72065	GGTTGATCGCA	YGC4YGCGGGY4YGY.	tAG††† 72096		

Range 186: 91877 to 91905

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	157000	GAGCGCGGGAT	, БАРСРИ СТОРИТИТЕ В В В В В В В В В В В В В В В В В В В			
Sbjct	91877	gygcgcggyt	CGATAGCCGGCAAGCACT	91905		

Range 187: 92721 to 92749

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	s:					
Query	157000	GAGCGCGGGA	GAGCGCGGGATCGATAGCCGGCAAGCACt			
Sbjct	92721	gygcgcgggy.	GAGCGCGGGATCGATAGCCGGCAAGCACT			

Range 188: 93617 to 93645

Score		Expect	Identities	Gaps	Strand	Frame
54.7 bit	s(29)	2e-06()	29/29(100%)	0/29(0%)	Plus/Plus	
Feature	es:					
Query	157000		 			
Sbjct	93617	gygcgcggytg	GATAGCCGGCAAGCACT	93645		

Range 189: 5704 to 5744

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	ts(28)	7e-06()	40/45(89%)	4/45(8%)	Plus/Plus	
Feature	es:					
Query	114067	TAAAAGAGGTG	CTGGGCAAAAGAGGT	GTTAAAAGAGGTTA	TAAAA 114111	
Shict	5704	+YYYYYY-Y-Y	:-+-66+444464646	ϟϯϯልልልል	1	

Range 190: 9952 to 9992

Score		Expect	identities	Gaps	Strand	Frame
52.8 bit	s(28)	7e-06()	40/45(89%)	4/45(8%)	Plus/Plus	_
Feature	s:					
Query	114067	111111111	CTGGGCAAAAGAGGT			
Sbjct	9952	tAAAAGA-G-G	-t-ggtaaaagaggt	┇┼┼╽┪┪┪┪┪┪	tddd 9992	

Range 191: 27329 to 27356

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	s(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	s:					
Query	74780	<u>Ą</u> ŢŢĄĢĢĢĢÇŢÇĄ	ATTAGGGGCTCAACATCTTAACATTGGT			
Sbjct	27329	ATTAGGGGCTCAACATCTTAACATTGGT		27356		

Range 192: 65333 to 65360

Score		Expect	Identities	Gaps	Strand	Frame	
52.8 bit	s(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus		
Features:							
Query	144244	GGTTGATCGCAAGCTAGCGGGATAGATA		144271			
Sbjct	65333	GGTTGATCGCAAGCTAGCGGGATAGATA		65360			

Range 193: 67133 to 67160

Score	Expect	Identities	Gaps	Strand	Frame	
52.8 bits(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus		
Features:						
Query 144244		GCTAGCGGGATAGATA	144271			
Sbjct 67133	<u>qq</u> 44qq4çqcqq	GCTAGCGGGATAGATA	67160			

Range 194: 67297 to 67324

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	ts(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	145560	GCGGGTCTGC]	 6 6 6 6 6 7 6 7 7 8 9 9 9 9 9 9 9 9 9 9			
Sbjct	67297	<u></u>	-ggcycgcgtgcytgcgg	67324		

Range 195: 67553 to 67580

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	ts(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	142884	GGGAGCCGGCA	GGGAGCCGGCACGCGTGCAAGAGATTTT			
Sbjct	67553	GGGAGCCGGCACGCGTGCAAGAGATTTT		67580		

Range 196: 69765 to 69792

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	s(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	s:					
Query	144604		qqqcqcqqqatcqataqccqqcaaqcac			
Sbjct	69765	ęęęçęçegey.	gggcgcgggatcgatagccggcaagcac			

Range 197: 70497 to 70524

Score	Expect	Identities	Gaps	Strand	Frame

52.8 bits(28) 7e-06() 28/28(100%) 0/28(0%) Plus/Plus

Features:

Query 145560 GCGGGTCTGCTGGCACGCGTGCATGCGG 145587 Sbjct 70497 GCGGGTCTGCTGGCACGCGTGCATGCGG 70524

Range 198: 70657 to 70684

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	Query 145560 GCGGGTCTGCTG		ГӨӨСАСӨСӨТӨСАТӨСӨӨ	145587		
Shict	70657	646664464	┞ĠĠĊĂĊĠĊĠŦĠĊĂŦĠĊĠĠ	70684		

Range 199: 73605 to 73632

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	ts(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:						
Query	137600	GGGGGCACGCCAGCACGCAAGAGAGCAC		137627		
Sbjct	73605	gggggcycgcç	AGCACGCAAGAGAGCAC	73632		

Range 200: 73605 to 73632

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	ts(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	150608	GGGGGCACGCCAGCACGCAAGAGAGACAC		150635		
Sbjct	ojct 73605 GGGGCACGCCAGCACGCAGAGAGAGCAC		73632			

Range 201: 75533 to 75560

Score	Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:					
Query 136872	uery 136872 GCTAGCAAGCACGAGTGATCGCAAGCAT		136899		
Sbjct 75533 GCTAGCAAGCAC		cgagtgatcgcaagcat	75560		

Range 202: 77019 to 77052

Score	Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)	7e-06()	32/34(94%)	0/34(0%)	Plus/Plus	
Features:					

Query 144162 CGGAGTGGTTGATCGCAAGCTAGCGGGATAGATA 144199 Sbjct 77019 CGGATAGGTTGATCGCAAGCTAGCGGGATAGATA 77052

Range 203: 77025 to 77052

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	Features:					
Query	144244	GGTTGATCGCAAGCTAGCGGGATAGATA		144271		
Sbjct	77025	<u></u>	yectyeceeeytyeyty	77052		

Range 204: 77025 to 77052

Score	Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	

Features:

Query 144328 GGTTGATCGCAAGCTAGCGGGATAGATA 144355 Sbjct 77025 GGTTGATCGCAAGCTAGCGGGATAGATA 77052

Range 205: 77027 to 77054

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bit	s(28)	7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	s:					
Query	138054	TTGATCGCAAGCTAGCGGGATAGATAGC		138081		
Sbjct	Sbjct 77027 HIGATCGCAAGCTAGCGGGATAGATAGC		77054			

Range 206: 77541 to 77568

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query	ery 145560 GCGGGTCTGCTGGCACGCGTGCATGCGG		145587			
Sbjct	Sbjct 77541 GCGGGTCTGCT		reecycecetecytecee	77568		

Range 207: 94557 to 94584

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:						
Query	160052	GATCGCGGGATGGAGGGCGGGATAGAGT		160079		
Sbjct	94557	gytçgçgggytg	ggagggggatagagt	94584		

Range 208: 94717 to 94744

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:						
Query	160052	 Ģ АŢÇĢÇĢĢĢĀŢĢĢĀĢĢÇĢĢĢĀŢĀĢĀĢŢ		160079		
Sbjct	·		94744			

Range 209: 94997 to 95024

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Features:						
Query	160052	GATCGCGGGATG	GAGGGCGGGATAGAGT	160079		
Sbjct	bjct 94997 GATCGCGGGATGGAGGGCGGGATAGAGT		95024			

Range 210: 95169 to 95196

Score		Expect	Identities	Gaps	Strand	Frame
52.8 bits(28)		7e-06()	28/28(100%)	0/28(0%)	Plus/Plus	
Feature	es:					
Query 160052		GATCGCGGGATGGAGGGCGGGATAGAGT		160079		
Sbjct	95169	gytcgcgggy.	rggyggggggggggggggggggggggggggggggggggg	95196		