

NCBI BLAST of Nested Tax Amplimer Sequences Shown in Supplementary Figure 4

1. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 199 to 367

Score	Expect	Identities	Gaps	Strand
313 bits(169)	9e-82	169/169(100%)	0/169(0%)	Plus/Plus
Query 10	CCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCC	69		
Sbjct 199	CCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCC	258		
Query 70	CCAACATTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGAT	129		
Sbjct 259	CCAACATTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGAT	318		
Query 130	ACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	178		
Sbjct 319	ACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

2. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 202 to 367

Score	Expect	Identities	Gaps	Strand
302 bits(163)	2e-78	165/166(99%)	0/166(0%)	Plus/Plus
Query 13	CCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCCCAA	72		
Sbjct 202	CCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCCCAA	261		
Query 73	ACATTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGATACA	132		
Sbjct 262	ACATTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGATACA	321		
Query 133	TGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	178		
Sbjct 322	TGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

3. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 203 to 367

Score	Expect	Identities	Gaps	Strand
257 bits(139)	4e-65	156/166(94%)	2/166(1%)	Plus/Plus
Query 13	CCAGAG-ACCTCTAANACCCTCAAGGNCCTTACCCCGCCAATCACTCATACCATNNCCAA	71		
Sbjct 203	CCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCCCAA	262		
Query 72	AAGTTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCTCCCTTCCGAAATGGATACA	131		
Sbjct 263	CA-TTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGATACA	321		
Query 132	TGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	177		
Sbjct 322	TGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

4. Human T-lymphotropic virus 1 isolate LDAA_04733_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680637.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 189 to 367

Score	Expect	Identities		Gaps	Strand
190 bits(210)	7e-45	151/180(84%)		4/180(2%)	Plus/Plus
Query 2	CCCTCCTTCCCC--CCAGAGAACCTCTAANACCCNTACCGNCGTTGCCCCGCCAATCACT	59			
Sbjct 189	CCCTCCTTCCCCACCCAGAGAACCTCTAAGACCCTTAAAGTCCTTACCCCGCCAATCACT	248			
Query 60	NATACCAACCANGGAAGNGCCACACTCCTTCCTCCAGGCCATGNGCAAATACCCCCCTT	119			
Sbjct 249	CATAC-AACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTT	307			
Query 120	CCCAATGGATACATGGAA-CTACCCTTGGGCAGCACCTTTCAACCCTGTCTTTCCCCGA	178			
Sbjct 308	CCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCAACCCTGTCTTTTCCAGA	367			

5. Human T-lymphotropic virus 1 isolate LDAA_03998_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680633.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 199 to 367

Score	Expect	Identities		Gaps	Strand
275 bits(304)	2e-70	163/170(96%)		1/170(0%)	Plus/Plus
Query 8	CCACCCAGAGAACCTCTAAGACCCTTAAGGTCCTTACCCCGCCAATCACTCATACCANNC	67			
Sbjct 199	CCACCCAGAGAACCTCTAAGACCCTTAAGGTCCTTACCCCGCCAATCACTCATACAACCC	258			
Query 68	naaaaaaTTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGA	127			
Sbjct 259	CCAACA-TTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGA	317			
Query 128	TACATGGAACCCACCCTTGGGCAGCACCTCCAACCCTGTCTTTTCCAGA	177			
Sbjct 318	TACATGGAACCCACCCTTGGGCAGCACCTCCAACCCTGTCTTTTCCAGA	367			

6. Human T-lymphotropic virus 1 isolate BRSP217-12 tax protein (tax) gene, partial cds

Sequence ID: [gb|KT351510.1](#) Length: 996 Number of Matches: 1

Related Information

Range 1: 173 to 345

Score	Expect	Identities		Gaps	Strand
152 bits(168)	2e-33	141/175(81%)		8/175(4%)	Plus/Plus
Query 6	CCACCAAAGANCC-CTAAGACCCTCCAGGTCCTTATAACGC-AATTACTCATANANANC	63			
Sbjct 173	CCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCC	232			
Query 64	NCGA-ANNCNACCCTTTTT--TCAAGGC-ATGCGCAAANATTCCATNAATTCCGAAATGG	119			
Sbjct 233	CCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCC--TTCCGAAATGG	290			
Query 120	ATACATGGAACCCACCCTTGGGCAGCACCTCCAACCCTGTCTTTCCAGAACCC	174			
Sbjct 291	ATACATGGAACCCACCCTTGGGCAGCACCTCCAACCCTGTCTTTCCAGACCCC	345			

7. Human T-lymphotropic virus 1 isolate LDAA_04272_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680634.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 200 to 367

Score	Expect	Identities	Gaps	Strand
304 bits(336)	4e-79	168/168(100%)	0/168(0%)	Plus/Plus
Query 1	CACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCCC			60
Sbjct 200	CACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCCC			259
Query 61	CAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTCCGAAATGGATA			120
Sbjct 260	CAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTCCGAAATGGATA			319
Query 121	CATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA		168	
Sbjct 320	CATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA		367	

8. Human T-lymphotropic virus 1 isolate LDAA_02481_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680629.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 282 to 371

Score	Expect	Identities	Gaps	Strand
125 bits(138)	3e-25	84/92(91%)	3/92(3%)	Plus/Plus
Query 85	CAGGCC-TGCGCAAACCCCCcnnGGTTTCGAAATGGATACATGGAACCCACCCTTGGGC			143
Sbjct 282	CAGGCCATGCGCAAACACTCCCC--TTCCGAAATGGATACATGGAACCCACCCTTGGGC			339
Query 144	AGCACCTCCCAACCCTGTCTTTTCCAGAACCC		175	
Sbjct 340	AGCACCTCCCAACCCTGTCTTTTCCAGACCC		371	

9. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 188 to 367

Score	Expect	Identities	Gaps	Strand
315 bits(348)	3e-82	179/181(99%)	1/181(0%)	Plus/Plus
Query 1	CCCCTCCTTccccnccccAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCA			60
Sbjct 188	CCCCTCCTTCCCCACCC-AGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCA			246
Query 61	CTCATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCT			120
Sbjct 247	CTCATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCT			306
Query 121	TCCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAG			180
Sbjct 307	TCCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAG			366
Query 181	A 181			
Sbjct 367	A 367			

10. Human T-lymphotropic virus 1 strain BRRJ3476 tax protein (tax) gene, partial cds

Sequence ID: [gb|DQ323834.1](#)|Length: 1000Number of Matches: 1

Related Information

Range 1: 208 to 374

Score	Expect	Identities	Gaps	Strand
147 bits(162)	8e-32	135/169(80%)	10/169(5%)	Plus/Plus
Query 16	AGAGAACCTCTCAGACNNTNA-GGNTCTTACCCCGTCCAATCACTCATAANNCCCCGCAN	74		
Sbjct 208	AGAGAACCTCTAAGACCCTCAAGGGCCTTACCCCG-CCAATCACTCATAACAACCCCGAAC	266		
Query 75	NTAACTC-----TTCTCCAGGC-ATGCGGAAANAATCTCAAATTCGAAATGGATACAT	127		
Sbjct 267	ATTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCC-TTCCGAAATGGATACAT	325		
Query 128	GGAACCCACCCTTGGGCAGTACCTCCCAACCCTGTCTTTTCCAGAACCC	176		
Sbjct 326	GGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGACCCC	374		

11. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#)|Length: 382Number of Matches: 1

Related Information

Range 1: 192 to 367

Score	Expect	Identities	Gaps	Strand
289 bits(320)	1e-74	170/176(97%)	1/176(0%)	Plus/Plus
Query 1	TCCTTCCC-ACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCAT	59		
Sbjct 192	TCCTTCCCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCAT	251		
Query 60	ACANNAACCAAAATTCCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCCTTCCGA	119		
Sbjct 252	ACAACCCCCAACATTCACCCTCCTTCTCCAGGCCATGCGCAAATACTCCCCCTTCCGA	311		
Query 120	AATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	175		
Sbjct 312	AATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

12. Human T-lymphotropic virus 1 isolate LDAA_04733_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680637.1](#)|Length: 382Number of Matches: 1

Related Information

Range 1: 303 to 367

Score	Expect	Identities	Gaps	Strand
66.2 bits(72)	5e-08	53/65(82%)	0/65(0%)	Plus/Plus
Query 5	CCATTTCGAAATGGATACATGGAACNTCNNTTGGGCAGGAACCTTTAACCCTGGCTTTT	64		
Sbjct 303	CCCTTCCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTT	362		
Query 65	CCAGA 69			
Sbjct 363	CCAGA 367			

16. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1

Related Information
Range 1: 198 to 367

Score	Expect	Identities	Gaps	Strand
295 bits(326)	2e-76	168/170(99%)	1/170(0%)	Plus/Plus
Query 7	CCCACCCAGAGANC-TCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATAACAACC	65		
Sbjct 198	CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATAACAACC	257		
Query 66	CCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGA	125		
Sbjct 258	CCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGA	317		
Query 126	TACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	175		
Sbjct 318	TACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

17. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1

Related Information
Range 1: 198 to 367

Score	Expect	Identities	Gaps	Strand
307 bits(340)	4e-80	170/170(100%)	0/170(0%)	Plus/Plus
Query 5	CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATAACAACC	64		
Sbjct 198	CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATAACAACC	257		
Query 65	CCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGA	124		
Sbjct 258	CCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGA	317		
Query 125	TACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	174		
Sbjct 318	TACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

18. Human T-lymphotropic virus 1 isolate LDAA_04272_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680634.1](#) Length: 382 Number of Matches: 1

Related Information
Range 1: 200 to 367

Score	Expect	Identities	Gaps	Strand
304 bits(336)	5e-79	168/168(100%)	0/168(0%)	Plus/Plus
Query 11	CACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATAACAACCCC	70		
Sbjct 200	CACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATAACAACCCC	259		
Query 71	CAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGATA	130		
Sbjct 260	CAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGAAATGGATA	319		
Query 131	CATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	178		
Sbjct 320	CATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

19. Human T-lymphotropic virus 1 isolate LDAA_03584_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680631.1|](#)Length: 382Number of Matches: 1
Related Information
Range 1: 189 to 367

Score	Expect	Identities	Gaps	Strand
320 bits(173)	6e-84	177/179(99%)	1/179(0%)	Plus/Plus
Query 2	CCCTCCTT-CNCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACT	60		
Sbjct 189	CCCTCCTTCCCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACT	248		
Query 61	CATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTC	120		
Sbjct 249	CATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTC	308		
Query 121	CGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	179		
Sbjct 309	CGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

20. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1|](#)Length: 382Number of Matches: 1
Related Information
Range 1: 190 to 367

Score	Expect	Identities	Gaps	Strand
316 bits(171)	7e-83	176/178(99%)	2/178(1%)	Plus/Plus
Query 3	CCT-CTT-CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTC	60		
Sbjct 190	CCTCCTTCCCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTC	249		
Query 61	ATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCC	120		
Sbjct 250	ATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCC	309		
Query 121	GAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	178		
Sbjct 310	GAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

21. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1|](#)Length: 382Number of Matches: 1
Related Information
Range 1: 185 to 367

Score	Expect	Identities	Gaps	Strand
311 bits(168)	3e-81	178/183(97%)	3/183(1%)	Plus/Plus
Query 1	ACT-CCNTCCTT-CCCACCCAGAG-ANCTCTAAGACCCTCAAGGTCCTTACCCCGCCAAT	57		
Sbjct 185	ACTCCCTCCTTCCCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAAT	244		
Query 58	CACTCATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCC	117		
Sbjct 245	CACTCATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCC	304		
Query 118	CTTCCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCC	177		
Sbjct 305	CTTCCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCC	364		
Query 178	AGA 180			
Sbjct 365	AGA 367			

22. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 187 to 367

Score	Expect	Identities	Gaps	Strand
322 bits(174)	2e-84	179/181(99%)	2/181(1%)	Plus/Plus
Query 1	TCCCTT-CTT-CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCA	58		
Sbjct 187	TCCCTTCTTCCCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCA	246		
Query 59	CTCATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCT	118		
Sbjct 247	CTCATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCT	306		
Query 119	TCCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAG	178		
Sbjct 307	TCCGAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAG	366		
Query 179	A 179			
Sbjct 367	A 367			

23. Human T-lymphotropic virus 1 isolate LDAA_03584_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680631.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 190 to 367

Score	Expect	Identities	Gaps	Strand
316 bits(171)	7e-83	176/178(99%)	2/178(1%)	Plus/Plus
Query 2	CCT-CTT-CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTC	59		
Sbjct 190	CCTCTTCCCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTC	249		
Query 60	ATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCC	119		
Sbjct 250	ATACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCC	309		
Query 120	GAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	177		
Sbjct 310	GAAATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

24. Human T-lymphotropic virus 1 isolate LDAA_04272_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680634.1](#) Length: 382 Number of Matches: 1

Related Information

Range 1: 192 to 367

Score	Expect	Identities	Gaps	Strand
318 bits(172)	2e-83	175/176(99%)	1/176(0%)	Plus/Plus
Query 1	TCCTT-CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCAT	59		
Sbjct 192	TCCTTCCCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCAT	251		
Query 60	ACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGA	119		
Sbjct 252	ACAACCCCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTTCCGA	311		
Query 120	AATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	175		
Sbjct 312	AATGGATACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

25. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1
 Related Information
 Range 1: 200 to 367

Score	Expect	Identities	Gaps	Strand
311 bits(168)	3e-81	168/168(100%)	0/168(0%)	Plus/Plus
Query 1	CACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCCC	60		
Sbjct 200	CACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACCCC	259		
Query 61	CAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTCCGAAATGGATA	120		
Sbjct 260	CAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTCCGAAATGGATA	319		
Query 121	CATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	168		
Sbjct 320	CATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

26. Human T-lymphotropic virus 1 isolate LDAA_04445_IC tax protein (tax) and rex protein (rex) genes, partial cds

Sequence ID: [gb|KU680636.1](#) Length: 382 Number of Matches: 1
 Related Information
 Range 1: 198 to 367

Score	Expect	Identities	Gaps	Strand
315 bits(170)	2e-82	170/170(100%)	0/170(0%)	Plus/Plus
Query 1	CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACC	60		
Sbjct 198	CCCACCCAGAGAACCTCTAAGACCCTCAAGGTCCTTACCCCGCCAATCACTCATACAACC	257		
Query 61	CCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTCCGAAATGGA	120		
Sbjct 258	CCCAACATTCCACCCTCCTTCCTCCAGGCCATGCGCAAATACTCCCCCTCCGAAATGGA	317		
Query 121	TACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	170		
Sbjct 318	TACATGGAACCCACCCTTGGGCAGCACCTCCCAACCCTGTCTTTTCCAGA	367		

These data show homology with the following HTLV-1 isolates:-

14 x LDAA_04445_IC; 3 x LDAA_04733_IC; 1 x LDAA_03998; 1 X BRSP217-12; 3 x LDAA_04272_IC; 1 x BRRJ3476; 1 x LDAA_02481_IC; 2 x LDAA_03584_IC