

```

g1 199599827 gb FJ000001.1 /1-82
g1 239916537 gb G0141875.1 /1-82
g1 262283884 gb GU109481.1 /1-82
g1 209984145 gb FJ357838.1 /1-82
g1 137322247 gb U57056.1 |CXU57056|1-82
g1 32342119 gb M16572.1 |CX3SG|1-82
g1 405779213 gb JX312064.1 /1-82
g1 32341919 gb M33854.1 |CX3CG|1-82
SL 665-748/1-82
g1 10863160 gb AF231763.1 /1-82
g1 10863164 gb AF231765.1 /1-82
g1 323432 gb M88483.1 |CXAB3CG|1-82
g1 54399972 gb AY752946.1 /1-82
g1 10863162 gb AF231764.1 /1-82
g1 33535240 gb JN048669.1 /1-82
g1 380082986 gb JQ040513.1 /1-82
g1 335352398 gb JN048468.1 /1-82
g1 54399970 gb AY752945.1 /1-82
g1 303362830 gb AY752944.2 /1-82

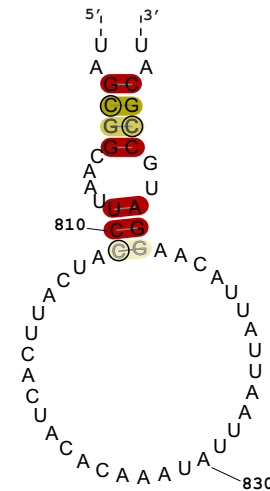
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Poliovirus P3 Leon 37/K01392.1
Poliovirus strain Sabin 1/V01150.1
Poliovirus type 2/X00595.1
Coxsackievirus B2/AF085363.1
Coxsackievirus B2/X05690.1
Echovirus 9/X84981.1
Coxsackievirus B5/X67706.1
Coxsackievirus 1/M16560
Coxsackievirus B3 woodruff variant/U57056.1
SL665-748/1-83
Coxsackievirus A16 G10/U05876.1
Enterovirus 71/X84981.1

[illegible][illegible]

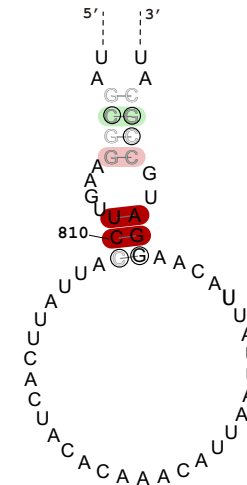
CVB3

SL799-854



enteroviruses

SL799-854



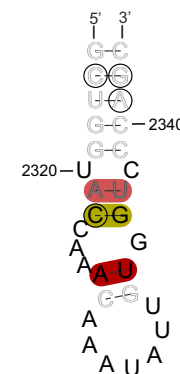
		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

SL2313-2343

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g| 458298 |gb| U05876.1 |CAU05876/1-31
g| 221147 |db| D00538.1 |CXA211CG/1-31
g| 581513 |gb| AF176044.1 |1/1-31
g| 612571 |emb| V01150.1 |1/1-31
g| 332895 |gb| K01392.1 |POL3L37/1-31
g| 61127 |emb| X00595.1 |1/1-31
g| 61031 |emb| X05690.1 |1/1-31
g| 59045 |emb| X67706.1 |1/1-31
g| 323417 |gb| M16560.1 |CXA1G/1-31
g| 4406135 |gb| AF085363.1 |1/1-31
g| 769799 |emb| X84981.1 |1/1-31
g| 1373227 |gb| U57056.1 |CXU57056/1-31
g| 2313-234371 |1-31
g| 40579213 |gb| JX312064.1 |1/1-31

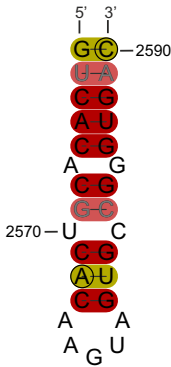
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[illegible]

enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

SL2562-2590

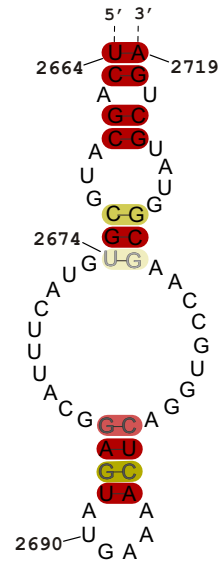


					(((((((.....)))))).))))))				
gj	50604532	gb	AY673831.1	/1-29	GGCAGATT	TAAGGTG	GTCCAGTGA	29	
gi	1373227	gb	U57056.1	CXU57056/1-29	GTCAACGT	CGCAAGTA	GTGCCAGTGAC	29	
gi	335352400	gb	JN048469.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	380082986	gb	JQ040513.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	335352398	gb	JN048468.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	405779213	gb	JX312064.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	323419	gb	M33854.1	CXA3CG/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	10863162	gb	AF231764.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	10863160	gb	AF231763.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	10863164	gb	AF231765.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	303362830	gb	AY752944.2	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	54399970	gb	AY752945.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	323421	gb	M16572.1	CXA3G/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	323432	gb	M88483.1	CXAB3CG/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
gi	54399972	gb	AY752946.1	/1-29	GTCAACGT	CACAAGTA	GTGCCGGTGAC	29	
SL2562-2590/1-29					GUCAGCGUA	CACAAGUA	GUGCCGGUGAC	29	
				10.....20.....				

CVB3

	TYPES OF PAIRS					
	1	2	3	4	5	6
INCOMPATIBLE PAIRS	0					
	1					
	2					

SL2664-2719



SL2664-2719/1-56

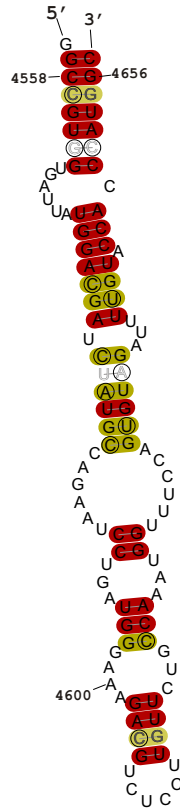
91	2399	165337	gb	GU141875.1	/1-102
91	2622	83884	gb	GU109481.1	/1-102
91	2099	81445	gb	FJ357838	/1-102
91	1583	23845	gb	EU14042.1	/1-102
91	5060	4532	gb	AY673831.1	/1-102
91	1373	2227	gb	AY57056.1	CXU57056/1-102
91	3234	1919	gb	M33854.1	CXA33C/1-102
91	10863	162	gb	AF231764.1	/1-102
91	10863	164	gb	AF231765.1	/1-102
91	2234	3099	gb	M88483.1	CXAB33C/1-102
91	2433	3099	gb	AY752946.1	/1-102
91	3353	52400	gb	JN048469.1	/1-102
91	3800	82986	gb	Q040513.1	/1-102
91	33352	298	gb	JN048468.1	/1-102
91	4057	7213	gb	JX312064.1	/1-102
91	10863	160	gb	AF231763.1	/1-102
91	3036	2830	gb	AY52944.2	/1-102
91	4339	9970	gb	AY752945.1	/1-102
91	3234	211	gb	M16572.1	CXA33C/1-102

[illegible]

CVB3

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

SL4558-4656



		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

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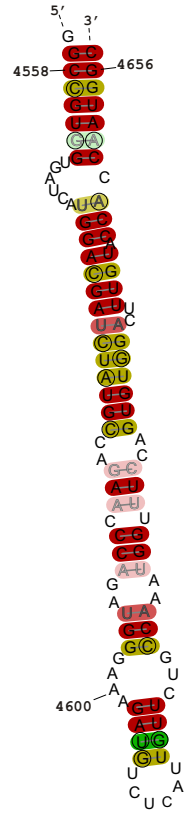
g1 | 239916 | gb | GQ141875.1 | /1-102
g1 | 262283884 | gb | GJ109481.1 | /1-102
g1 | 29096814445 | gb | FJ357838.1 | /1-102
g1 | 158323845 | gb | EU144042.1 | /1-102
g1 | 50604532 | gb | AY673831.1 | /1-102
g1 | 1373227 | gb | U57056.1 | CXU57056/1-102
g1 | 323419 | gb | M33854.1 | CXA3CG/1-102
g1 | 10863162 | gb | AF231764.1 | /1-102
g1 | 10863164 | gb | AF231765.1 | /1-102
SL | 4551-4651 | /1-102
g1 | 323432 | gb | M88483.1 | CXAB3CG/1-102
g1 | 54399972 | gb | AY52946.1 | /1-102
g1 | 335352400 | gb | JN048469.1 | /1-102
g1 | 380082986 | gb | JQ040513.1 | /1-102
g1 | 335352398 | gb | JN048468.1 | /1-102
g1 | 405779213 | gb | JX312064.1 | /1-102
g1 | 10863160 | gb | AF231763.1 | /1-102
g1 | 303362830 | gb | AY752944.2 | /1-102
g1 | 54399970 | gb | AY752945.1 | /1-102
g1 | 323421 | gb | M16572.1 | CXA3G/1-102

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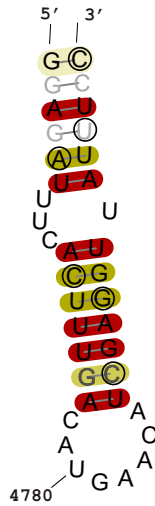
CVB3

Echovirus 9 strain Hill/x84981.1
SL4551-4651/1-102
Coxsackievirus B5/x67706.1
Coxsackievirus B2 strain Ohio-1/AF085363.1
Coxsackievirus 1/M16560

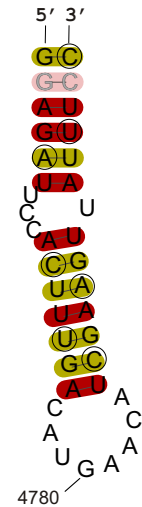
enteroviruses

[illegible][illegible]

SL4765-4802



SL4765-4802



```

q1 1995998827 gb F3000001.1 /1-38
q1 239916537 gb GQ141875.1 /1-38
q1 262283884 gb GP109481.1 /1-38
q1 209981445 gb F357878.1 /1-38
q1 50604532 gb AY673831.1 /1-38
q1 1373227 gb U57056.1 CXU57056/1-38
q1 335352400 gb JN048469.1 /1-38
q1 380082986 gb JQ040513.1 /1-38
q1 335352398 gb JN048468.1 /1-38
q1 405779213 gb JX312064.1 /1-38
q1 3234191 gb M33854.1 CXA3CG/1-38
q1 10863162 gb AF231764.1 /1-38
q1 10863160 gb AF231763.1 /1-38
q1 10863164 gb AF231765.1 /1-38
q1 303362830 gb AY752944.2 /1-38
q1 54399970 gb AY752945.1 /1-38
q1 323421 gb M16572.1 CXA3G/1-38
q1 323432 gb M88483.1 CXAB3CG/1-38
q1 54399972 gb AY752946.1 /1-38
SL4765-4803/1-38

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CVB3

[illegible]

Coxsackievirus B5|X67706.1
Coxsackievirus B3 woodruff variant|U57056.1
Coxsackievirus B2 strain Ohio|AF085363.1
Echovirus 9 strain Hill|X84981.1
Coxsackievirus B1|M16560.1
SL4765-4802/1-38

enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

((((((...(((((((.....)))))).))))))
 GAAGAUAUCCUUUGAUAUGAAUAUGAGGUUAUUUUCU 38
 GAGAGUAUCCUUUGACAUGAAUAUAUUUUUUUUUUUU 38
 GGAGUAUCCUUUGAUAUGAACAUUGAAGUAUUUUCU 38
 GAGAGUAUCCUUUGACAUGAACAUUGAAGUAUUUUCU 38
 GGAGUAUCCUUUGAUAUGAACAUUGAAGUAUUUUCU 38
 GGAGUAUCCUUUGACAUGAACAUUGAGGUUAUUUUCU 38
10.....20.....30.....


```

g1 | 2399916537 | gb | GQ141875.1 | /1-19
g1 | 262283884 | gb | GU109481.1 | /1-19
g1 | 209981445 | gb | FJ357838.1 | /1-19
g1 | 50604532 | gb | AY673831.1 | /1-19
g1 | 158323845 | gb | EU144042.1 | /1-19
g1 | 1733227 | gb | U57056.1 | CXU57056-1-19
g1 | 323421 | gb | M16572.1 | CXA3G/1-19
SL6236-6260/1-25
g1 | 333552400 | gb | JN048469.1 | /1-19
g1 | 380082986 | gb | JQ040513.1 | /1-19
g1 | 33352398 | gb | J040518.1 | /1-19
g1 | 405779213 | gb | JX312064.1 | /1-19
g1 | 323419 | gb | M33854.1 | CXA3CG/1-19
g1 | 10863162 | gb | AF231764.1 | /1-19
g1 | 10863160 | gb | AF231763.1 | /1-19
g1 | 10863164 | gb | AF231765.1 | /1-19
g1 | 303362830 | gb | AY752944.2 | /1-19
g1 | 54399970 | gb | AY752945.1 | /1-19
g1 | 323432 | gb | M88483.1 | CXAB3CG/1-19
g1 | 54399972 | gb | AY752946.1 | /1-19

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[illegible]

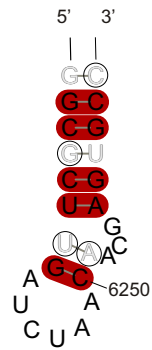
CVB3

gi	221147	dbj	D00538.1	CXA21CG/1-25
gi	323895	gb	K01392.1	POL337/1-25
gi	61127	emb	X00595.1	/1-25
gi	61257	emb	V01150.1	/1-25
gi	59045	gb	G67706.1	/1-25
gi	4406135	gb	AF085363.1	/1-25
gi	61031	emb	X05690.1	/1-25
gi	323417	gb	M16560.1	CXA1G/1-25
gi	767979	emb	X84981.1	/1-25
gi	1373227	gb	U57056.1	CXU57056/1-25
gi	405779213	gb	JX312064.1	/1-25
gi	5815313	gb	AF176044.1	/1-25
gi	458298	gb	U05876.1	CAU05876/1-25

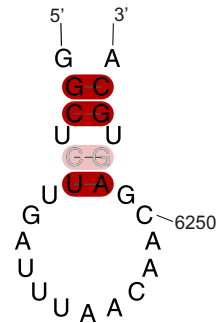
A C C C G G A T C T T A G C A C C A G T G C C 25
 G G C G C A G A T C T G T C A C C A G T G C C 25
 A C C A T T G A C T T G A C C A C A G T G C T 25
 A B C A C A T T G T T G T C C A C C A G T G C 25
 A B C T C C G A T T T A A C A C A A G C G C A 25
 A G C T C T G A T T T A A C A C A A G C G T G C 25
 G C T C T G A T T T A A C A C A A C A G T G C G 25
 G C T C T G A T T T A A C A C A A G C G T G C 25
 G C T C T G A T T T A A C A C A A G C G T G C 25
 G C T C T G A T T T A A C A C A A G C G T G C 25
 G C G C T G A T C T A A C A C A A G C G T G C 25
 A B C T A A G A T C T T C A C A C A A G T G C 25
 G G C A T T G A T C T C C A C A C A A G C G G 25
 10 20

enteroviruses

SL6236-6260



SL6236-6260



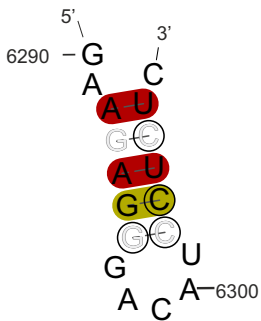
		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

CVB3

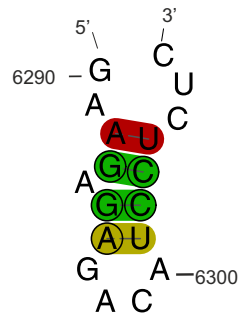
enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

SL6289-6308



SL6289-6308



SL6376-6399

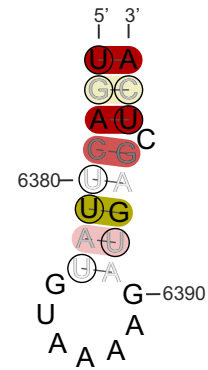
CVB3

((((((((.....)))))).)))

[illegible]

.....10.....20.....

SL6376-6399



		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

```

g1| 239916537| gb| G0141875.1| /1-22
g1| 262283884| gb| G0109481.1| /1-22
g1| 209981445| gb| FJ357838.1| /1-22
g1| 158323845| gb| EU144042.1| /1-22
g1| 50604532| gb| AY673831.1| /1-22
g1| 13732271| gb| U57056.1| CXU57056/1-22
SL6476-6495|
g1| 32352400| gb| JN048469.1| /1-22
g1| 380082986| gb| JQ040513.1| /1-22
g1| 33532398| gb| JN048468.1| /1-22
g1| 405779213| gb| JX312064.1| /1-22
g1| 323419| gb| M33854.1| CXA3CG/1-22
g1| 10863162| gb| AF231764.1| /1-22
g1| 10863160| gb| AF231763.1| /1-22
g1| 10863164| gb| AF231765.1| /1-22
g1| 303362830| gb| AY752944.2| /1-22
g1| 54399970| gb| AY752945.1| /1-22
g1| 323421| gb| M16572.1| CXA3G/1-22
g1| 323432| gb| M88483.1| CXAB3CG/1-22
g1| 54399972| gb| AY752946.1| /1-22

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[illegible]

CVB3

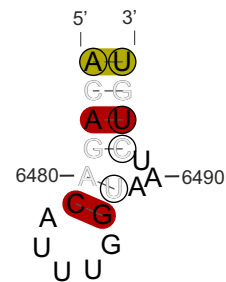
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gi | 405779213 | gb | JX312064.1 | /1-22
gi | 4406135 | gb | AF085363.1 | /1-22
gi | 1373227 | gb | U57056.1 | CXU57056/1-22
gi | 61031 | emb | x05690.1 | /1-22
```

.(((((((.....)).....))))).
 GACAGACATTGTGTAATCTGTAA 22
 GGCAGACGTTCCGCAACTCTGTAA 22
 GACAGACATTGTGTAATCTGTAA 22
 GGCAAACATTGTGTAATCTGTAA 22
10.....20.

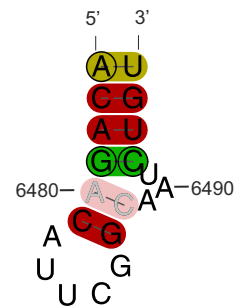
enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

SL6476-6495



SL6476-6495



```

g| 239916537|gb|GQ141875.1|/1-17|AATGTCAGATGACATC 17
g| 262283884|gb|GU109481.1|/1-17|AATGTCAGATGACATC 17
g| 209981445|gb|FJ357838.1|/1-17|AATGTCAGATGACATC 17
g| 158323845|gb|EU144042.1|/1-17|TATGTCGTATGCCATC 17
g| 50604552|gb|AY673831.1|/1-17|AATGTCGGATGACATC 17
g| 13732327|gb|U57056.1|CXU57056/1-17|GATGTCGGACGTCATC 17
SL6581-6597|/1-17|GAUGUUGAUGUACAU 17
g| 333552400|gb|JN048469.1|/1-17|GATGTCAGATGACATC 17
g| 380082986|gb|JQ040513.1|/1-17|GATGTCAGATGACATC 17
g| 335352398|gb|JX048468.1|/1-17|GATGTCAGATGACATC 17
g| 405779213|gb|JX312064.1|/1-17|GATGTCAGATGACATC 17
g| 323419|gb|M33854.1|CXA3CG/1-17|GATGTCAGATGACATC 17
g| 10863162|gb|AF231764.1|/1-17|GATGTCAAATGACATC 17
g| 10863160|gb|AF231763.1|/1-17|GATGTCAGATGACATC 17
g| 10863164|gb|AF231765.1|/1-17|GATGTCAAATGACATC 17
g| 303362830|gb|AY752944.2|/1-17|GATGTCAGATGACATC 17
g| 54399970|gb|AY752945.1|/1-17|GATGTCAGATGACATC 17
g| 323421|gb|M16572.1|CXA3G/1-17|GATGTCAGATGACATC 17
g| 323432|gb|M88483.1|CXA3CG/1-17|GATGTCAGATGACATC 17
g| 54399972|gb|AY752946.1|/1-17|GATGTCAGATGACATC 17
.....10.....

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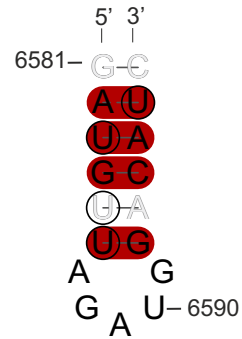
CVB3

		(((((...)).))))	
gi	405779213 gb JX312064.1 /1-17	GATGTAGATGACATC	17
gi	4406135 gb AF085363.1 /1-17	GATGCGGATGGTACC	17
gi	323417 gb M16560.1 CXA1G/1-17	GATGTGGATGGGCATC	17
gi	1373227 gb U57056.1 CXU57056/1-17	GATGTGGACGGTCATC	17
gi	61031 emb x05690.1 /1-17	GATGCTAGACGAACATC	17
gi	769799 emb x84981.1 /1-17	AATGTTGGACGGTCATC	17
	 10	

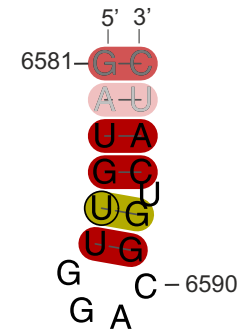
enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

SL6581-6597



SL6581-6597



```

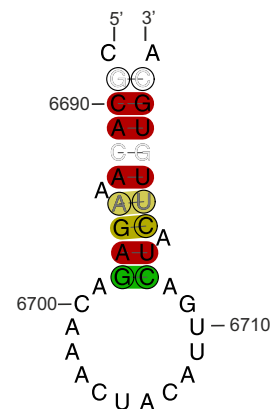
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q1 199598827 gb FJ7000001.1 /1-36
q1 239916537 gb GQ141875.1 /1-36
q1 506045532 gb AY673831.1 /1-36
q1 173722277 gb U57056.1 CXU57056/1-36
q1 262283884 gb JQ109481.1 /1-36
q1 209981445 gb FJ357838.1 /1-36
q1 10863164 gb AF231765.1 /1-36
q1 335352400 gb JN048469.1 /1-36
q1 380082986 gb JQ040513.1 /1-36
q1 335352398 gb JN048468.1 /1-36
q1 405779213 gb JX312064.1 /1-36
q1 32341919 gb M33854.1 CXA3CG/1-36
q1 10863162 gb AF231764.1 /1-36
q1 10863160 gb AF231763.1 /1-36
q1 303362830 gb AY752944.2 /1-36
q1 54399970 gb AY752945.1 /1-36
q1 3234211 gb M16572.1 CXA3G/1-36
q1 3234321 gb M88483.1 CXAB3CG/1-36
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CVB3

[illegible]

SL6689-6722



SL6689-6722

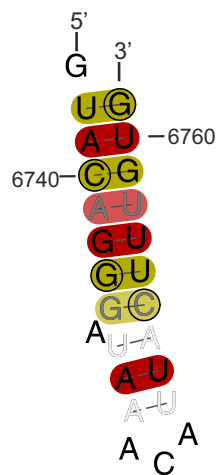
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gi | 1373227 | gb | u57056.1 | CXU57056/1-36
gi | 61031 | emb | x05690.1 | /1-36
gi | 405779213 | gb | x312064.1 | /1-36
gi | 769799 | emb | x84981.1 | /1-36
gi | 323417 | gb | M16560.1 | CXA1G/1-36
```

enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

.((((((((((...(((...)))))).)).)))))).
 CU C A A G A G A C C A U U A U A U G A C A U U G U G C A 36
 CG C A A G A G A C C A U U A U A U G A C A C C U G U C A 36
 CA C A U A A G A G A C A A C U A C U A U G A C A C U U A U G C A 36
 CG C A A A G A G A C A A C U A C U A U G A C A C U U G U C A 36
 CG C A A A G A G A C C A U U A C A U G A C A C C U G U G U A 36
 CG C A A G A G A C C A U U A C U A U G A C A C C U G U G C A 36
10.....20.....30.....





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q1 | 158323845 | gb | EU144042.1 | /1-25
q1 | 199599827 | gb | FJ0000001.1 | /1-25
q1 | 239916537 | gb | G0141875.1 | /1-25
q1 | 50604532 | gb | AV673831.1 | /1-25
q1 | 1373227 | gb | U57056.1 | CXU57056/1-25
q1 | 262283884 | gb | GU109481.1 | /1-25
q1 | 209981445 | gb | FJ357838.1 | /1-25
q1 | 10863164 | gb | AF231765.1 | /1-25
q1 | 335352400 | gb | JN048469.1 | /1-25
q1 | 380082986 | gb | JQ040513.1 | /1-25
q1 | 335352398 | gb | JN048468.1 | /1-25
q1 | 405779213 | gb | JX312064.1 | /1-25
q1 | 323419 | gb | M33854.1 | CXA3CG/1-25
q1 | 10863162 | gb | AF231764.1 | /1-25
q1 | 10863160 | gb | AF231763.1 | /1-25
q1 | 303362830 | gb | AY752944.2 | /1-25
q1 | 54399970 | gb | AY752945.1 | /1-25
q1 | 323421 | gb | M16572.1 | CXA3G/1-25
q1 | 323432 | gb | M88483.1 | CXAB3CG/1-25
q1 | 54399972 | gb | AY752946.1 | /1-25

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[illegible]

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g| 4406135|gb|AF085363.1|/1-25
g| 59045|emb|x67706.1|/1-25
g| 1373227|gb|U57056.1|CXU57056/1-25
g| 405779213|gb|x312064.1|/1-25
g| 769799|emb|x64981.1|/1-25
g| 323417|gb|M16560.1|CXA1G/1-25
g| 61031|emb|x05690.1|/1-25
```

```
g| 4406135|gb|AF085363.1|/1-25
g| 59045|emb|x67706.1|/1-25
g| 1373227|gb|U57056.1|CXU57056/1-25
g| 405779213|gb|x312064.1|/1-25
g| 769799|emb|x64981.1|/1-25
g| 323417|gb|M16560.1|XA1G/1-25
g| 61031|emb|x05690.1|/1-25
```

.(((((((.....)))))))))
 GTACAGAGACAACACTA CTT GTG 25
 GTATAGGGACAAGCATT CTT GTG 25
 GTACAGGACAACACTA CTT GTG 25
 GTACAGGGATAAACATTA CTT GTG 25
 GTACAGGGATAAACATTA CTT GTG 25
 GTACAGGGATAAACATTA CTT GTG 25
 ATACAGAGACAACACTA CTT GTA 25
10.....20....

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

A diagram of a tRNA molecule. The anticodon is shown as 6820 (AUA) and the codon is shown as 5' (UAG). The tRNA is represented by a series of red ovals containing the bases U, A, G, U, A, U, and C. The bases are connected by lines, and the 3' end is labeled 3'.

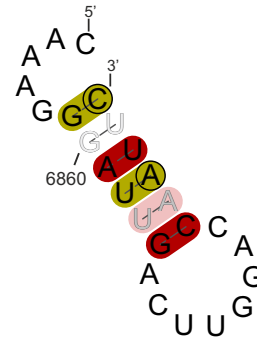
CVB3

CVB3

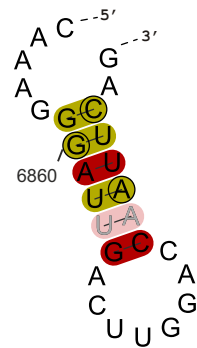
enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0	Red	Yellow	Green	Cyan	Blue	Purple
	1	Red	Yellow	Green	Cyan	Blue	Purple
	2	Red	Yellow	Green	Cyan	Blue	Purple

SL6854-6878



SL6854-6878

[illegible]

CVB3

SL6854-6878/-JX312064.1|/1-27
 g1 4406135|gb|AF085363.1|/1-27
 g1 59045|emb|x67706.1|/1-27
 g1 1373227|gb|U57056.1|CXU57056/1-27
 g1 769799|emb|x84981.1|/1-27
 g1 323417|gb|M16560.1|CXA1G/1-27

.....((((((((((((((((.....)))))))).
 CAAAGGGATTCACCTTGGACAAATTCAG 27
 TAAGGGAATTCACCTTGGACAAATTCAG 27
 CAAAGGGATTCACCTTGGACAAATTCAG 27
 CAAAGGGATTCACCTTGGACAAATTCAG 27
 CAAAGGGATTCACCTTGGACAAATTCAG 27
 CAAAGGGATTCACCTTGGACAAATTCAG 27
10.....20.....

enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

[illegible]

CVB3

[illegible]

enteroviruses

...((((((...)))...)))...
TATGGTGATGATGATGGATGATGATCATG32
TATGGTGATGATGATGGATGATGATCCCCA32
TATGGTGACGACGATGATGGTGACGACCGTG32
TATGGTGACGACGATGATGGATGATCATG32
TATGGTGACGATGATGGATGATGACGCGTG32
TATGGTGATGATGATGGATGATGATCTTG32
TATGGTGATGATGAATGGTGATCCCCA32
TATGGTGACGACGATGATGGTGACGACCCCCA32
TATGGTGACGATGAATAGTTCGATCCCCA32
TATGGTGACGATGATGGATGATGATCGTG32
TATGGTGATGATGATGGATGATGATCGTG32
...10...20...30...

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

CVB3

enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

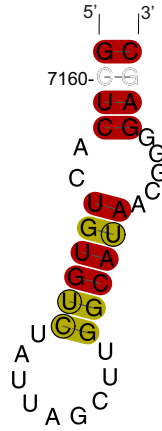
[illegible]

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gi|1373227|gb|U57056.1|CXU57056/1-51
gi|61031|emb|x05690.1|/1-51
gi|769799|emb|x84981.1|/1-51
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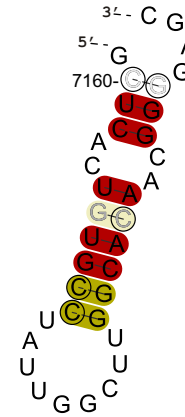
.....(((((((.....(((((((.....))))).-.)))))))).)))).
GATAAAGGGAAGGTCTTTTAAAGAACTACCTTGGAGCAACGCGACTTCTCA51
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GACAAAGGGGAGGTCTTTCAATGAACTACCTTGGAGCAATGTCACCTCTCA51
GATAAAGGGAAGGTCTTTTAAAGAACTACCTTGGAGCAATGTCACCTTCTCA51
GATAAAGGGAAGGTCTTCAATGAGGTCACCTTGGAGCAATGTTCTTCACTCA51
.....10.....20.....30.....40.....50

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

SL7159-7194
E10-like hairpin



SL7159-7194
E10-like hairpin



q	1	1583233845	gb	EU144042	1	/1	-36
q	1	199599827	gb	GU7000001	1	/1	-36
q	1	239916537	gb	GO141875	1	/1	-36
q	1	50604532	gb	AY673831	1	/1	-36
q	1	3732271	gb	U57056	1	CXU57056	/1-36
q	1	25225388	gb	UJ0109481	1	/1	-36
q	1	209981445	gb	FJ357838	1	/1	-36
q	1	1086164	gb	AF231765	1	/1	-36
q	1	33532400	gb	JN048469	1	/1	-36
q	1	80082986	gb	JN040513	1	/1	-36
q	1	35523398	gb	JN048468	1	/1	-36
q	1	76213	gb	JX312064	1	/1	-36
q	1	323419	gb	M33854	1	CXA3CG	/1-36
q	1	10863162	gb	AF231764	1	/1	-36
q	1	10863160	gb	AF231763	1	/1	-36
q	1	3033688301	gb	AY752945	2	/1	-36
q	1	43392370	gb	AY752945	1	/1	-36
q	1	323421	gb	M16572	1	CXA3G	/1-36
q	1	323432	gb	M88483	1	CXA3CG	/1-36
q	1	43399972	gb	AY752946	1	/1	-36

[illegible]

CVB3

```
SL7159-7194\JX312064.1/1-36
g| 61127|emb|X00595.1|1-36
g| 458298|gb|U05876.1|CAU05876/1-36
g| 581533|gb|AF176044.1|1-36
g| 4406135|gb|AF085363.1|1-36
g| 59045|emb|X67706.1|1-36
g| 1373227|gb|U57056.1|CXU57056/1-36
g| 61031|emb|X05690.1|1-36
g| 61257|emb|V01150.1|1-36
g| 2231147|dbj|D00538.1|CXA221CG/1-36
g| 323895|gb|K01392.1|POL3137/1-36
g| 769799|emb|X84981.1|1-36
g| 323417|gb|M16560.1|CXA1G/1-36
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(((...(((((((.....)))))))).)).)...
 GGCACAGTGTCTATTAGCTTGGCATAACGGGAGC 36
 GGCATATGTGCTTATGGCGCTGGACAACGGCGAAG 36
 GATCCCTGTGTCTTATGGCGTGGACAATGCTAAGC 36
 GCCCCCTGTCTATTAGCATGGACAACGGAAG 36
 GCGGCGTGTCTATTGGCTGGACAATGAGAGC 36
 GTTCATATGTCTATTGGCTGGACAATGCGAAG 36
 GGCATATGTCTTATGGCTGGACAACGGGAGC 36
 GGCCTGTGTCTTATGGCTGGACAATGAGAGC 36
 GGCCTGTGCTTATAGCTTGGACAATGCGAAG 36
 GGCATGTGTCTTATGGCTGGACAACGGCGAAG 36
 GGCCTGTGTCTATTGGCTGGACAACGGGAAG 36
 GCGGCATGTCTATTGGCTGGACAACGGGAGC 36
 GCGGTGTGTCTATTGGCTGGACAACGGGAGC 36
10.....20.....30.....

enteroviruses

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						

CVB3

[illegible]

		TYPES OF PAIRS					
		1	2	3	4	5	6
INCOMPATIBLE PAIRS	0						
	1						
	2						