





from

to

T

G

C

A

First

0%	53%	37%	25%
14%	0%	6%	31%
25%	11%	0%	45%
60%	37%	56%	0%
A	C	G	T

SNV (40.7%)

Second

0%	43%	50%	33%
11%	0%	3%	17%
34%	14%	0%	50%
55%	43%	47%	0%
A	C	G	T

Third

0%	36%	27%	5%
1%	0%	4%	21%
45%	15%	0%	74%
54%	49%	69%	0%
A	C	G	T

First

0%	24%	18%	32%
11%	0%	13%	24%
22%	21%	0%	44%
67%	55%	69%	0%
A	C	G	T

MNV (59.3%)

Second

0%	22%	18%	30%
12%	0%	14%	24%
25%	24%	0%	46%
62%	54%	68%	0%
A	C	G	T

Third

0%	0%	0%	0%
0%	0%	0%	1%
19%	38%	0%	99%
81%	61%	100%	0%
A	C	G	T

from

to

T

G

C

A

First

0%	25%	33%	24%
10%	0%	9%	29%
25%	26%	0%	48%
66%	48%	58%	0%
A	C	G	T

SNV (31.1%)

Second

0%	47%	30%	21%
16%	0%	11%	36%
30%	6%	0%	44%
54%	47%	59%	0%
A	C	G	T

Third

0%	27%	16%	0%
0%	0%	2%	81%
42%	31%	0%	19%
58%	42%	81%	0%
A	C	G	T

First

0%	19%	19%	31%
13%	0%	13%	22%
24%	29%	0%	47%
64%	52%	68%	0%
A	C	G	T

MNV (68.9%)

Second

0%	17%	17%	31%
13%	0%	12%	24%
23%	21%	0%	45%
64%	62%	71%	0%
A	C	G	T

Third

0%	0%	0%	0%
0%	0%	0%	0%
35%	31%	0%	100%
65%	69%	100%	0%
A	C	G	T

from

to

T

G

C

A



