

A Irrelevant Gene

Pfx

	to	a	t	g	c	
from a			0	0	0	2.50E-07 Mut/bp/generation 25.0% Transversions at GC 50.0% Transitions at GC 25.0% Mutations at AT 4 Total mutations 4 133200 Bp sequenced
t		0		0	1	
g		0	0		1	
c		0	2	0		

B Constant Region

Pfx

	to	A	T	G	C	
from A			2	0	1	7.88E-07 Mut/bp/generation 16.7% Transversions at GC 41.7% Transitions at GC 41.7% Mutations at AT 12 Total mutations 181,200 Bp sequenced
T		0		0	2	
G		1	0		2	
C		0	4	0		

C AID-/- IgL-V

Pfx

	to	A	T	G	C	
from A			1	1	0	8.17E-07 Mut/bp/generation 33.3% Transversions at GC 33.3% Transitions at GC 33.3% Mutations at AT 12 Total mutations 102,000 Bp sequenced
T		0		0	2	
G		3	0		1	
C		3	1	0		

AID-/- IgL-V

Pfu

	to	A	T	G	C	
from A			0	0	0	6.14E-07 Mut/bp/generation 25.0% Transversions at GC 75.0% Transitions at GC 0.0% Mutations at AT 8 Total mutations 93,000 Bp sequenced
T		0		0	0	
G		3	0		0	
C		2	3	0		

D PARP-1-/- Ugi

Pfx

	to	a	t	g	c	
from a			0	2	0	4.91E-06 Mut/bp/generation 14.3% Transversions at GC 57.1% Transitions at GC 28.6% Mutations at AT 7 Total mutations 31000 Bp sequenced
t		0		0	0	
g		4	0		0	
c		1	0	0		

PARP-1-/- Ugi

Pfu

	to	a	t	g	c	
from a			1	0	0	4.14E-06 Mut/bp/generation 10.0% Transversions at GC 60.0% Transitions at GC 30.0% Mutations at AT 10 Total mutations 52500 Bp sequenced
t		1		0	1	
g		5	0		0	
c		1	1	0		