

A

M Clone

K Clone

Long (L) Ligamer pool

Five (5)

Three(3)

Transcripts ~ 9kb long

Loop

lengths:

5 loop = 1,140 bp

L loop = 8,633 kb

3 loop = 1,210 bp

B

RNA:

10 nM

10 pM

Purified Virions

Clone:

K

M

K

M

M

Gag Stop

Ligamer Pool:

5

3

L

5

3

L

5

3

L

5

3

L

5

3

L

5

3

L

175—

150—

125—

12 Cycles PCR

175—

150—

125—

22 Cycles PCR

8% Native acrylamide, SybrGold Stained

Ligation product  
lengths

5 -&gt; 156

3 -&gt; 146

L -&gt; 138