

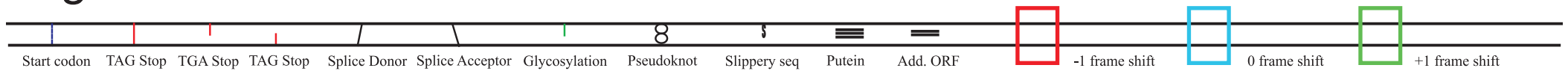
Selected RetroTector[®] outputs

Selected endogenous retroviruses (ERVs) and exogenous retroviruses (XRVs) extracted from the human genome (hg16), chicken genome (gg01) and from annotations in GenBank.

(Graphic display of LTRs depend on the availability of full LTRs [U5-R-U3].)

(Graphic display quality of ERVs depend on their ages [accumulated mutations])

Legend



Motifs

5LT 5'LTR

PBS Primer binding site

Gag Group specific antigen

MA1, MA2..... Matrix
 CA0, CA1, CA2..... Capsid
 NC1, NC2..... Nucleocapsid (zinc fingers)

Pro Protease

DU0, DU1, DU2..... dUTPase (deoxyuridine triphosphatase)
 PR1, PR2, PR3..... Protease

Pol Polymerase

RT1, RT2, RT3, RT4, RT5, RT6..... Reverse transcriptase
 DL1, DL2..... dUTPase (deoxyuridine triphosphatase)
 In1, IN2, IN3, IN4, IN5, IN6, IN7..... Integrase

Env Envelope

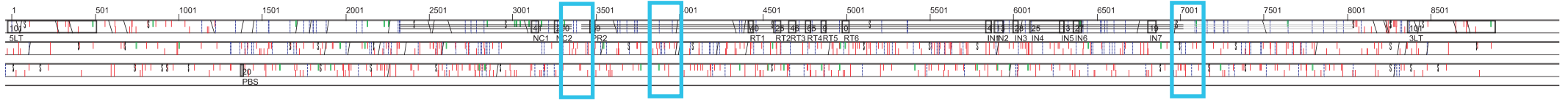
SU2, SU3..... Surface unit
 TM2, TM3, TM4, TM5..... Transmembrane protein

PPT Polypurine tract

3LT 3'LTR

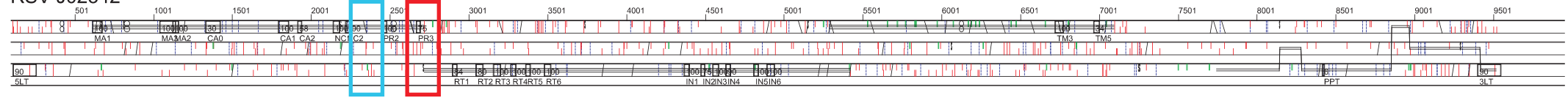
Errantivirus

U15406_Cer1-Gypsy

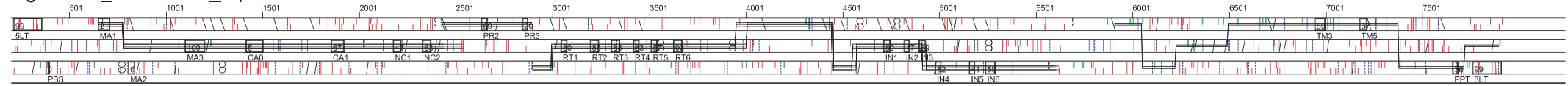


Alpha

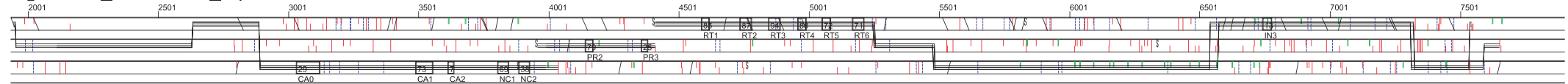
RSV-J02342



Gg01Chr1_150479332_Alpha

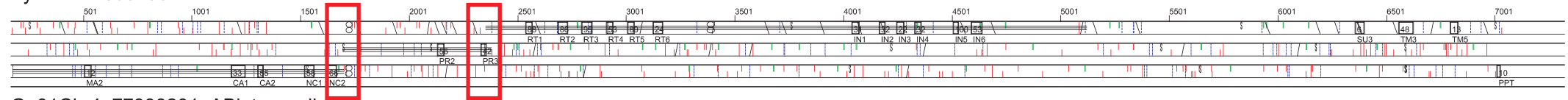


Gg01Chr1_156168845_Alpha

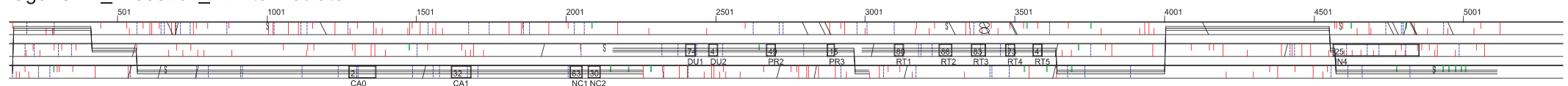


Intermediate Alpha-beta

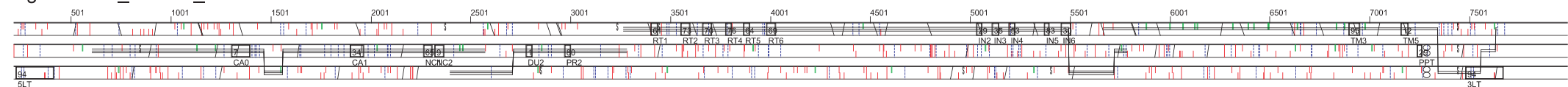
PyERV-AF500296



Gg01Chr4_77338201_ABintermediate

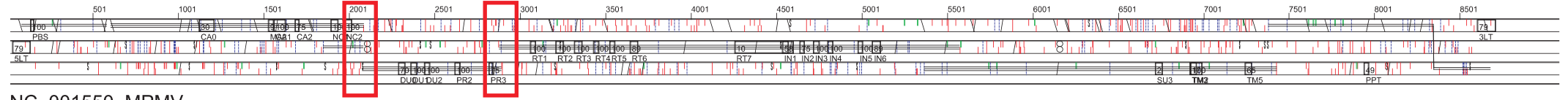


Gg01Chr11r_209284_ABintermediate

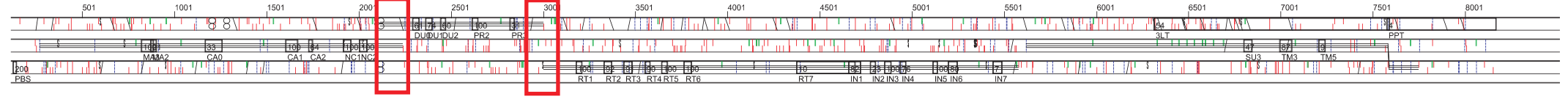


Beta

NC_001503_MMTV

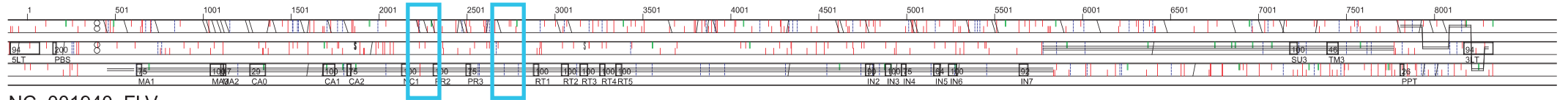


NC_001550_MPMV

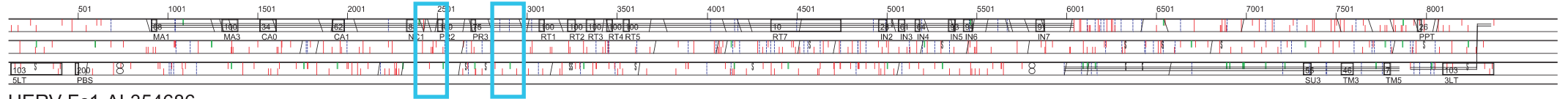


Gamma

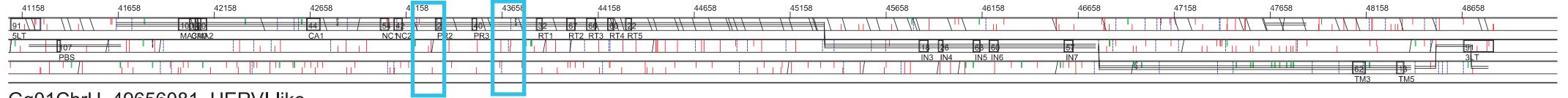
MoMLV-J02255



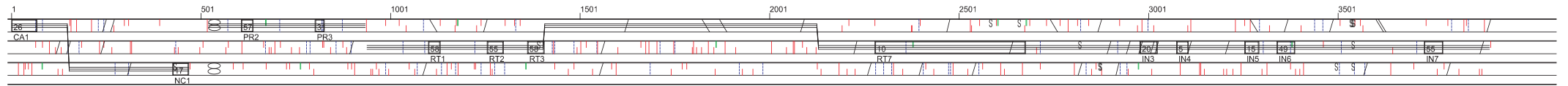
NC_001940_FLV



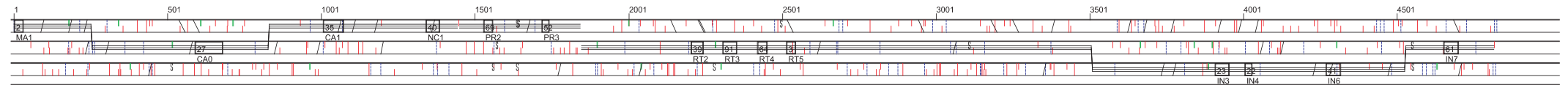
HERV-Fc1-AL354686



Gg01ChrU_49656081_HERVI-like

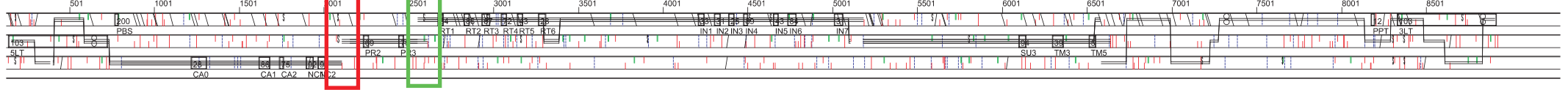


Gg01ChrU_126703652_HERVE-like



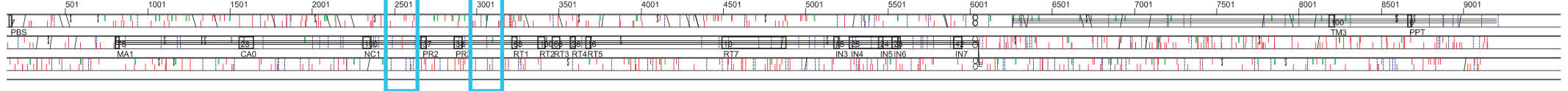
Delta

HTLV2-M10060



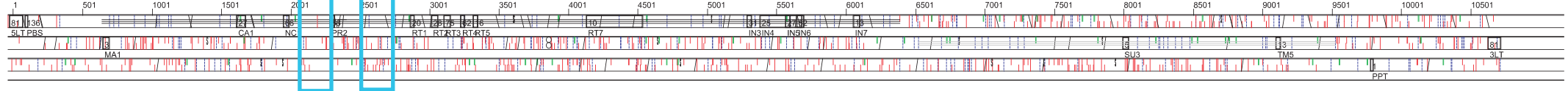
Epsilon

NC_001867_WDSV



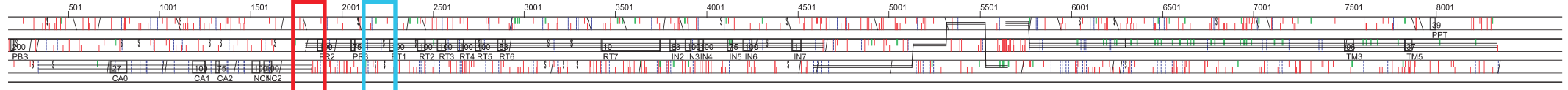
Intermediate Epsilon like

NC_001724_SnRV



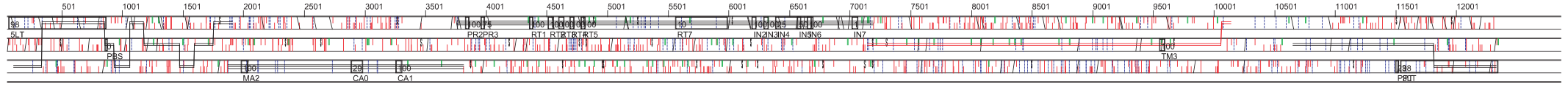
Lenti

NC_001802_HIV1



Spumalike

NC_001736_HFV



Gg01Chr4_48130894_Spumalike

