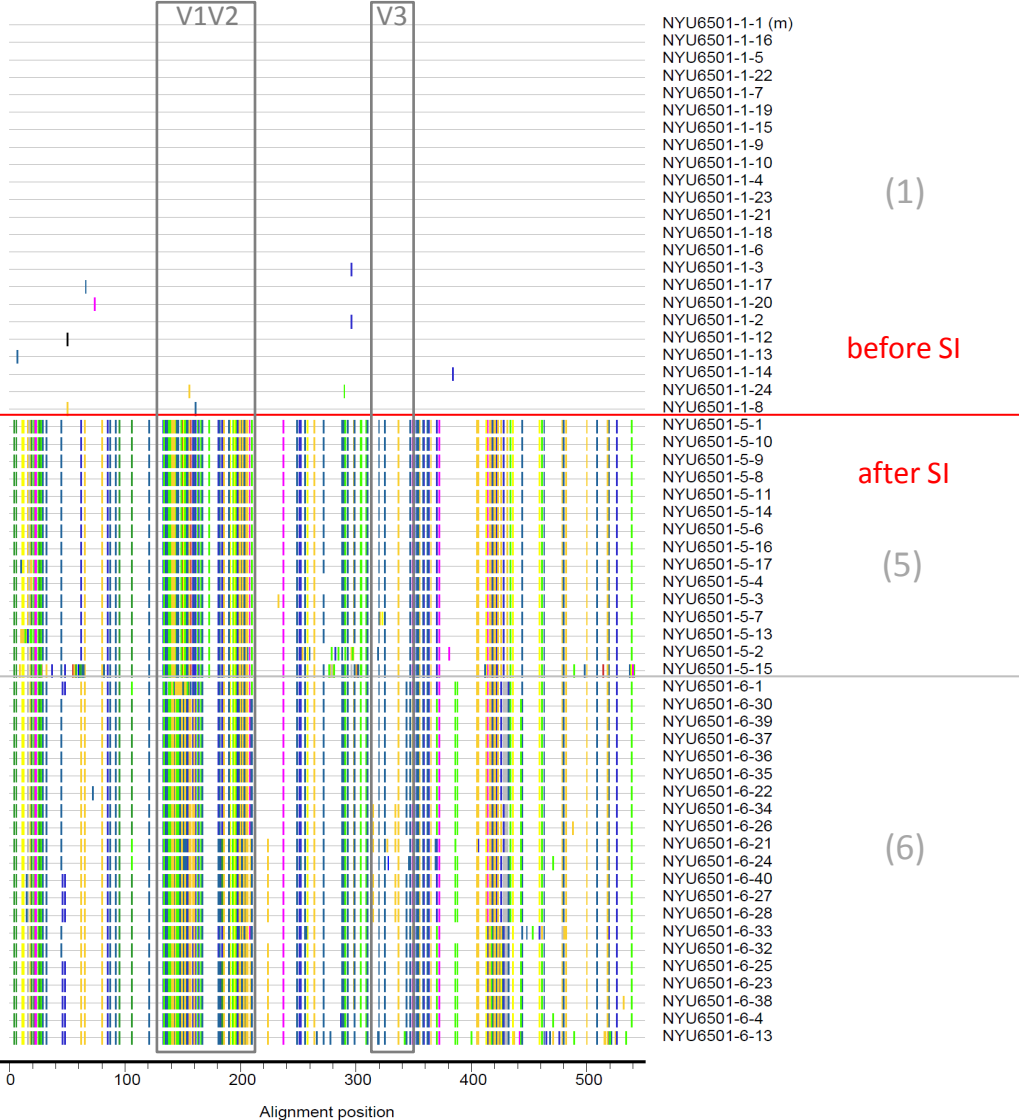# 6501 Env highlighter

Mismatches compared to quasispecies before SI

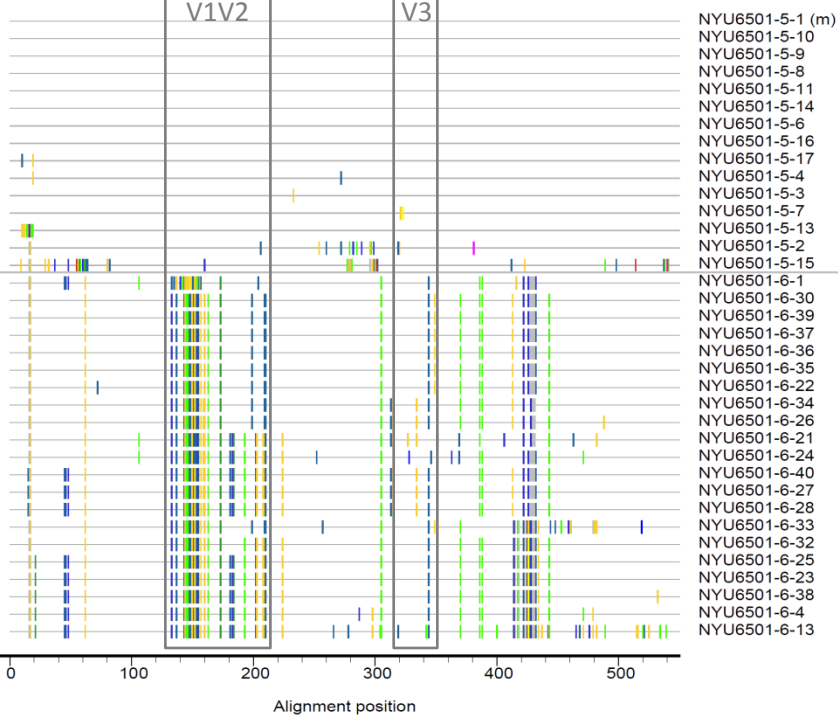V1V2   V3

(1)

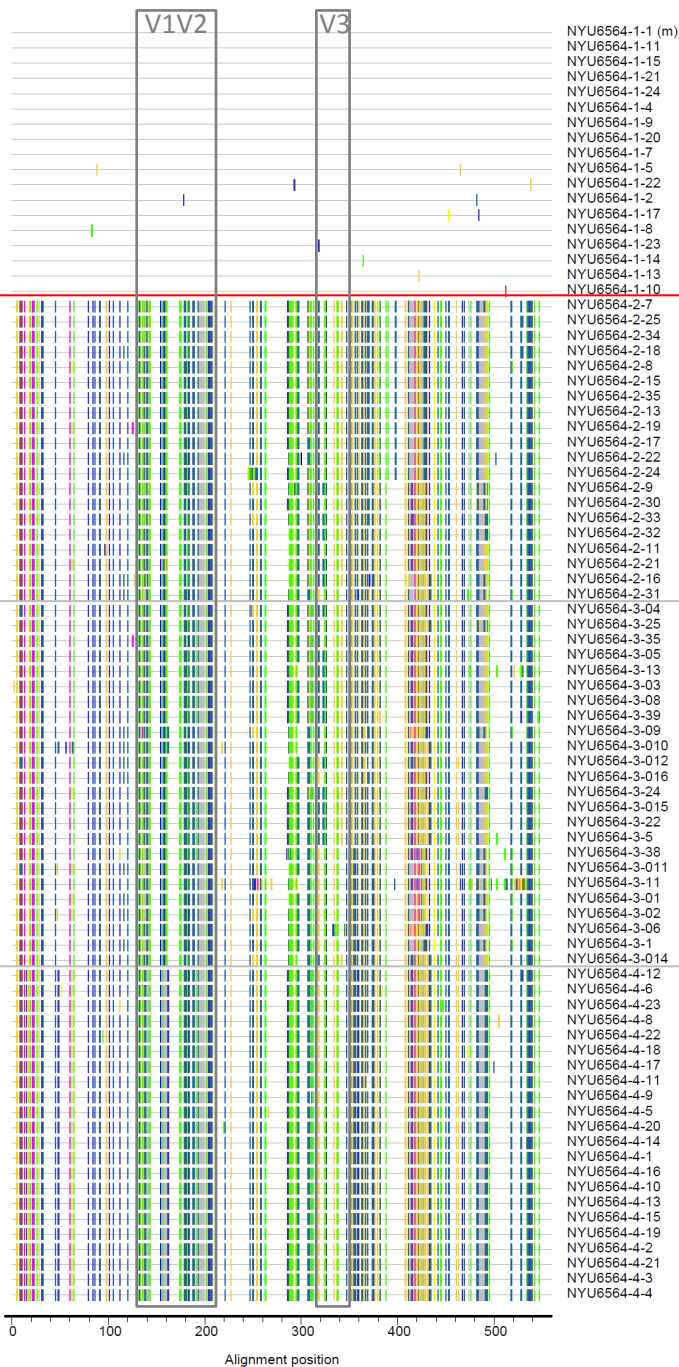before SI

after SI

(5)

(6)

Legend

His(H)	Asp(D) Glu(E)	Lys(K) Asn(N) Gln(Q) Arg(R)
Met(M)	Ile(I) Leu(L) Val(V)	Phe(F) Trp(W) Tyr(Y)
Cys(C)	Ala(A) Gly(G) Ser(S) Thr(T)	Pro(P)
Other	Gap	

Mismatches compared to quasispecies after SI

V1V2   V3

6564 Env highlighter

Mismatches compared to quasispecies before SI

Legend
- His(H)
- Met(M)
- Cys(C)
- Other

- Asp(D) Glu(E)
- Ile(I) Leu(L) Val(V)
- Ala(A) Gly(G) Ser(S) Thr(T)
- Gap

- Lys(K) Asn(N) Gln(Q) Arg(R)
- Phe(F) Trp(W) Tyr(Y)
- Pro(P)

Mismatches compared to quasispecies after SI
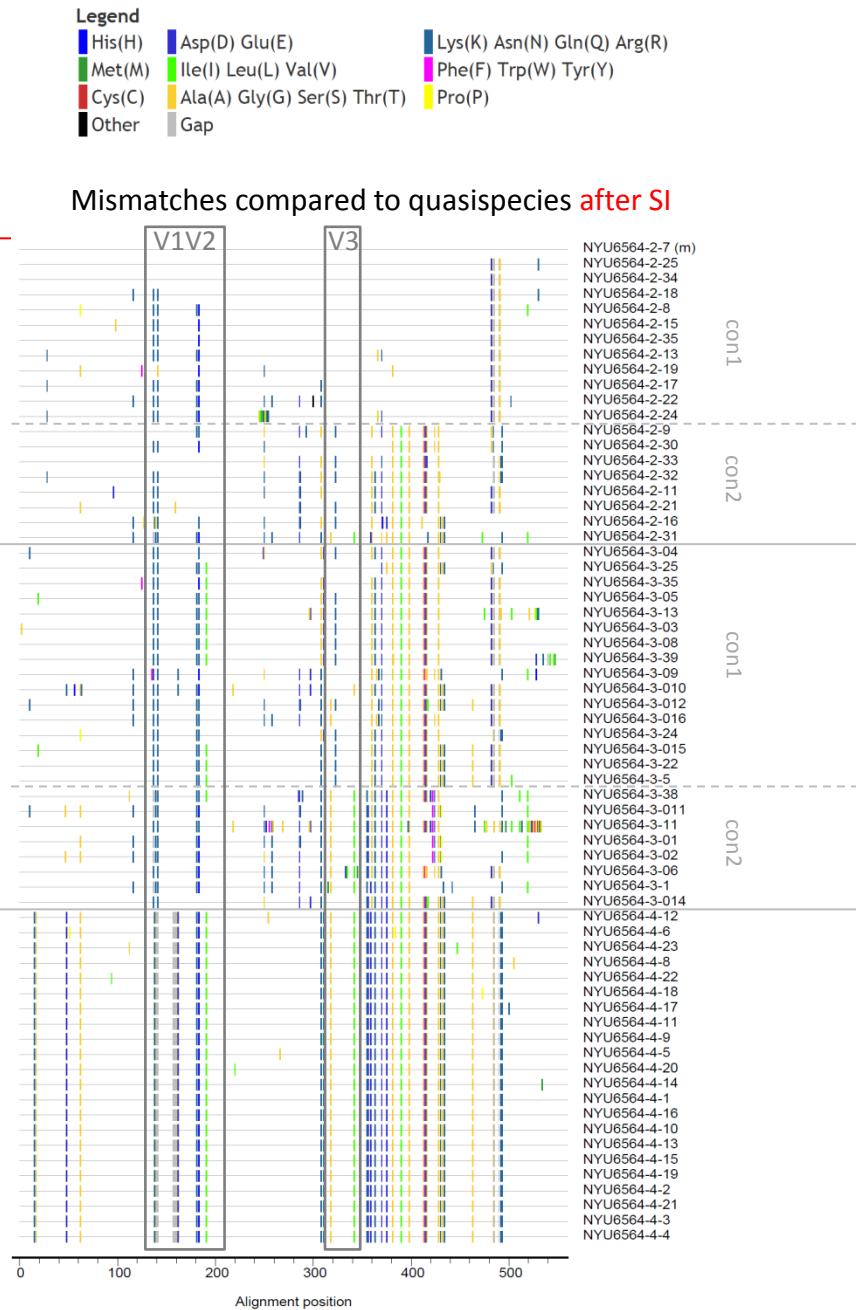
S2 Fig. Highlighter plots reveal Env sequence diversity post SI.

(A) Left: all Env clone sequences are compared to NYU6501-1-1(m) as the master. **Right:** post-SI Env clone sequences

are compared to NYU6501-5-1(m) as the master sequence at the first time point after SI. (**B) Left:** all Env clone sequences

are compared to NYU6564-1-1(m) as the master. **Right:** post-SI Env clone sequences are compared to NYU6564-2-7(m)

as the master sequence at the first time point after SI. Highlighter plots were generated as described in methods and

changes are labeled according to the color coded legend. Time points and consensus sequences (con) if applicable are

indicated. V1V2 and V3 regions are shown in boxes