Supplementary File S4

Supplementary File S4 contains a control set of 2260 spurious *env*/*asp* overlaps. The great majority of them (2183 cases) belong to the group M of HIV-1, while the remaining ones belong to the groups N, O, and P of HIV-1 and to SIV infecting chimpanzee or gorilla. A spurious overlap consists of an *env* region which overlaps with an anti-sense ORF interrupted prematurely by one or more stop codons and having a length ≤450 nt. The nucleotide sequence of overlap is reported both in the alignment format with gaps and in the format without gaps.

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