

CoRSeq_{V3-C}: A novel HIV-1 subtype C specific V3 sequence based coreceptor usage prediction algorithm.

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Supplementary Table 1.

Identification of amino acid alterations capable of improving the sensitivity or specificity of a prototype algorithm that predicts C-HIV CXCR4 usage based on the 11/25 rule, the presence of a V3 crown alteration and/or a two amino acid insertion.

Algorithm	Sensitivity (%)	Specificity (%)
11/25 rule, crown alteration and/or two amino acid insertion only	84.1	96.83
+ Glu10	84.1	97
+ Ile11	85.5	96.83
+ Asn11	85.5	96.83
+ Gap23	84.1	97
+ Thr25	87	96.83
+ Gap25	85.5	94.5
+ Glu32	84.1	97
+ Phe34	85.5	96.83