

The characteristics of pretreatment HIV-1 drug resistance in Western Yunnan, China

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SUPPLEMENTARY MATERIAL

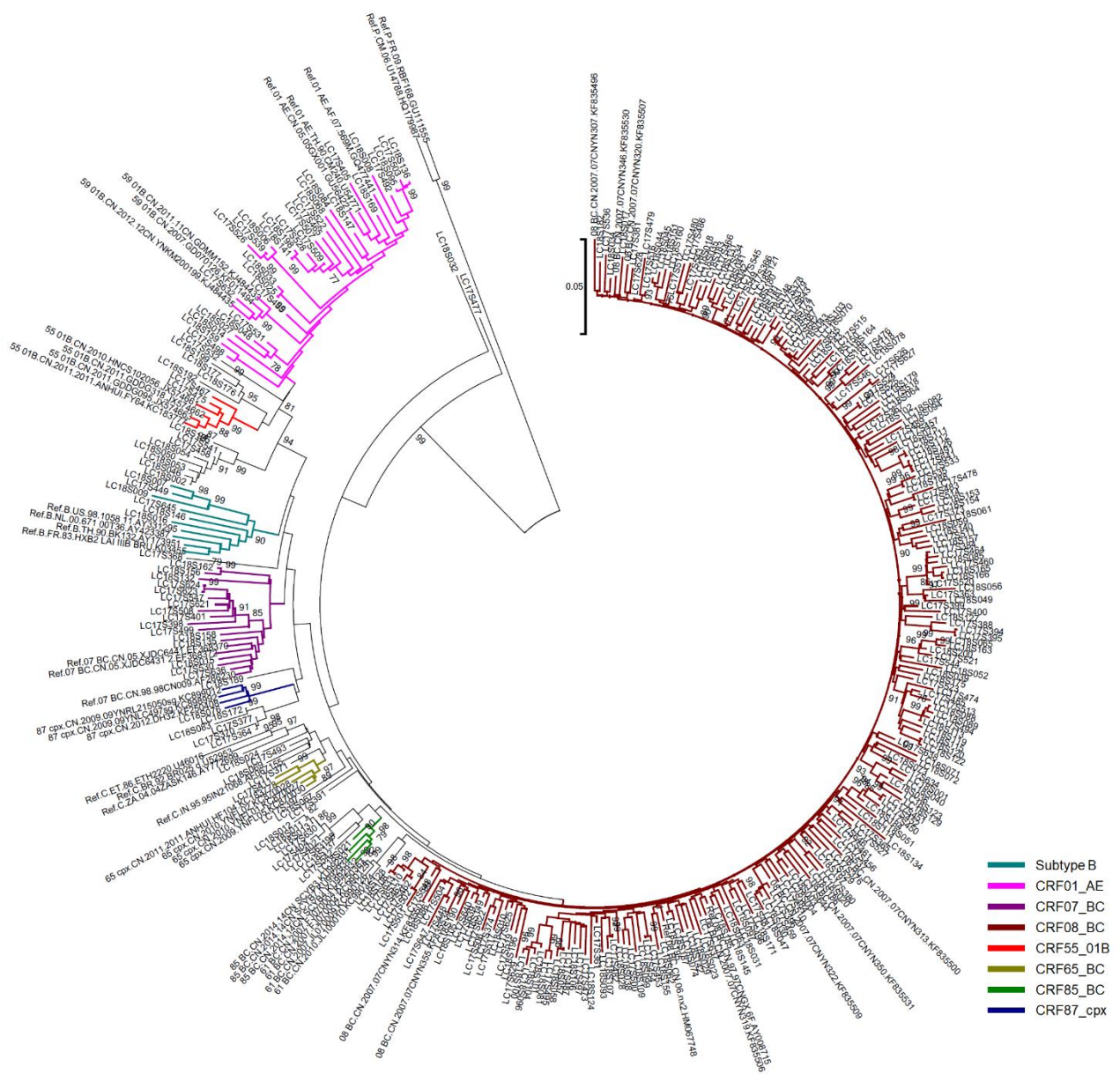
Supplemental Table S1. The distribution of subjects successfully genotyped.

	Subjects	Subjects with pol sequence	<i>P</i>
Total	372	322	
Gender			0.640
Male	223	199	
Female	149	123	
Age			0.482
≤40	234	194	
≥41	138	128	
Race/ethnicity			0.878
Han	210	184	
Others	162	138	
Marital Status			0.900
Unmarried	99	83	
Married	205	176	
Divorced/Widowed	68	63	
CD4			0.930
<200	104	94	
200-349	133	119	
350-499	69	56	
≥500	66	53	
Infection Routes			0.988
Heterosexual contact	347	302	
Intravenous drug injection	17	13	
Homosexual contact	3	3	
Unknown	5	4	

Supplemental Table S2. The DRMs detected in the sequences with HIV-1 drug resistance.

Sequences	DR	NRTI		NNRTI		PI	
		DRM	DR level	DRM	DR level	DRM	DR level
LC17S371	Yes	-	S	H221HY	L	I50IV	I
LC17S374	Yes	T69D	I	E138EG,V179D	L	-	S
LC17S411	Yes	K65KR	H	V179D	P	-	S
LC17S448	Yes	K65KR	H	Y188YC	H	-	S
LC17S450	Yes	-	S	Y188YF	H	-	S
LC17S465	Yes	-	S	K101E	I	-	S
LC17S467	Yes	-	S	E138EG,V179E	L	-	S
LC17S473	Yes	K65KR,D67DN	H	E138A	S	-	S
LC17S476	Yes	D67DN	L	-	S	-	S
LC17S500	Yes	-	S	V179DE,G190A	H	-	S
LC17S503	Yes	-	S	H221HY	L	-	S
LC17S514	Yes	-	S	E138A,P225H	I	-	S
LC17S626	Yes	-	S	-	S	I47IV	L
LC17S643	Yes	K65KR	H	-	S	-	S
LC18S029	Yes	-	S	K103KN,E138EG	H	-	S
LC18S031	Yes	-	S	K101E,E138A	I	-	S
LC18S072	Yes	M41L	L	-	S	-	S
LC18S078	Yes	-	S	K103N	H	-	S
LC18S081	Yes	K65KR	H	E138A	S	-	S
LC18S096	Yes	-	S	K101E,E138A	I	-	S
LC18S134	Yes	T215D	L	V106I,V179E,Y188L,H221Y	H	K20T	S
LC18S153	Yes	-	S	P225H	I	-	S
LC18S154	Yes	-	S	P225H	I	-	S
LC18S191	Yes	M41L	L	-	S	-	S

S: susceptible; P: potential low-level resistance; L: low-level resistance; I: intermediate resistance; H: high-level resistance



Supplementary Figure S1. Neighbor-joining phylogenetic tree of the partial *pol* gene. The scale bar indicates 5% nucleotide sequence divergence. Values on the branches represent the percentage of 1000 bootstrap replicates.