Table S7. *Plasma SGS-Derived env Sequences Obtained from HIV-1$_{YU2}$-Infected Humanized Mice and Antibody Sensitivity, Related to Figures 6 and 7*

A 3BNC117 Treatment Group

ID	Day	Virus	Sensitivity: 1-18 IC$_{50}$	1-18 MPI	3BNC117 IC$_{50}$	3BNC117 MPI	VRC01 IC$_{50}$	VRC01 MPI	V1 loop	V2 loop	Loop D	V3 loop	CD4 binding loop	V4 loop	β20/β21	β23	V5/β24
									132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157	158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209	274 275 276 277 278 279 280 281 282 283 284	299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331	364 365 366 367 368 369 370 371 372 373 374 375	385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438	439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471
									T D L R N A T N T T S S S W E T M E K G E I K N C S F N I T T S I R D K V Q K E Y A L F Y N L D V V P I D N A S Y R L I S C N T S V I T Q A C P K V S	S E N F T N N A K T I	R P N N N T R K S I N I G P G R A L Y T T G E I I G D I R Q A H C	P S S G G D P E I V T H S	C N S T Q L F T W N D T R K L N N T G R N I T L P C R I K Q I I N M W Q E V G K A M Y A P P	T G L L L T R D G G K D T N G T E I F R P G
1021	-1	01-40	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....R.....	.....	.....	.....
		06-32	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-33	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-35	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-43	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-46	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-47	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....-.....	.....	.....	.....	.....	.....
	28	03-31	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....IK.....	.....	.....	.....	.....	.....	.....
		03-36	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....IK.....	.....	.....	.....	.....	.....	.....
		03-42	<0.01	100	0.015	63	0.270	70	.....	.....	.....	.....	.....	.....	.....	.....D..--.....E	.....
		03-46	n/a	n/a	n/a	n/a	n/a	n/a	.....---	.....	.....T..	.....--.....	.....	.....	.....	.....	.....
		08-C04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....D..	.....	.....	.....	.....	.....K.....	.....
		08-C12	<0.01	75	0.069	72	0.023	79	.....	.....	.....	.....	.....	.....	.....	.....D.....E	.....
	114	21-A10	n/a	n/a	n/a	n/a	n/a	n/a	.....K.....	.....	.....N..	.....	.....R	.....	.....	.....	.....
		21-B07	n/a	n/a	n/a	n/a	n/a	n/a	.....K.....	.....	.....T..	.....	.....	.....	.....	.....EI.....	.....
		29-A03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....IK.....	.....	.....	.....	.....	.....	.....
		29-A12	<0.01	100	>25	28	>25	26	.....---	.....	.....K..	.....	.....	.....	.....	.....	.....
1135	-1	02-34	<0.01	100	<0.01	100	<0.01	100	.....	.....	.....	.....	.....	.....	.....	.....	.....
		07-30	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....K.....	.....
		07-31	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....M...	.....	.....	.....	.....
		07-34	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		07-44	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		07-47	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
	28	04-26	<0.01	100	0.026	93	0.017	88	.....	.....	.....	.....	.....	.....	.....	.....D....E.....	.....
		04-41	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....E..	.....	.....	.....	.....	.....D....E.....	.....
		04-42	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....E..	.....	.....	.....	.....	.....D....E.....	.....
		04-44	<0.01	100	>25	30	0.102	81	.....	.....	.....E..	.....	.....	.....	.....	.....D....E.....	.....
		09-D2	<0.01	99	>25	35	0.285	84	.....	.....	.....E..	.....	.....	.....	.....	.....D....E.....	.....
		09-D10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D....E.....	.....
		28-E12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D....E.....	.....
1140	-1	11-G02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		11-G12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....A.....	.....	.....	.....	.....D.....	.....
		11-H02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		11-H05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		11-H06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....T.....	.....	.....	.....	.....D.....	.....
		11-H07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		11-H11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		16-G01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
		16-G03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		16-G04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....K.....	.....
		16-G11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
	28	14-C04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....D.....	.....
		19-C02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....	.....
		19-C03	n/a	n/a	n/a	n/a	n/a	n/a	.....K.....	.....	.....	.....	.....	.....	.....K.....	.....D.....	.....
		19-C05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....	.....
		19-C06	<0.01	100	0.019	75	0.076	83	.....	.....	.....	.....	.....	.....	.....	.....D....E.....	.....
		19-C09	<0.01	100	>25	47	0.023	89	.....	.....	.....E..	.....	.....	.....	.....	.....D.....	.....
		19-C10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....E..	.....	.....	.....	.....K.....	.....	.....
		19-C11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....	.....
		19-D02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....E..	.....	.....	.....	.....	.....D.....	.....
		19-D03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....	.....
	114	21-C05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....E..	.....E.....	.....	.....	.....	.....D.....	.....
		21-C07	0.012	100	>25	42	0.100	88	.....	.....	.....E..	.....	.....	.....	.....	.....D.....	.....
		21-C10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
		21-D07	<0.01	100	0.068	69	0.028	83	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....

Table S7. *Plasma SGS-Derived env Sequences Obtained from HIV-1$_{YU2}$-Infected Humanized Mice and Antibody Sensitivity, Related to Figures 6 and 7 (continued)*

3BNC117 Treatment Group *(continued)*

ID	Day	Virus	Sensitivity: 1-18 IC$_{50}$	1-18 MPI	3BNC117 IC$_{50}$	3BNC117 MPI	VRC01 IC$_{50}$	VRC01 MPI	V1 loop	V2 loop	Loop D	V3 loop	CD4 binding loop	V4 loop	β20/β21	β23	V5/β24
									132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157	158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209	274 275 276 277 278 279 280 281 282 283 284	289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331	343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375	385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438	439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471
									T D L R N A T N T T S S S W E T M E K G E I K N C S F N I T T S I R D K V Q K E Y A L F Y N L D V V P I D N A S Y R L I S C N T S V I T Q A C P K V S	S E N F T N N A K T I	R P N N N T R K S I N I G P G R A L Y T T G E I I G D I R Q A H C	P S S G G D P E I V T H S	C N S T Q L F T W N D T R K L N N T G R N I T L P C R I K Q I I N M W Q E V G K A M Y A P P	T G L L L T R D G G K D T N G T E I F R P G
1211	-1	11-E01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	..L.....	.....	.....	.....	.....
1211	-1	11-E08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	..L.....	.....	.....	.....	.....
1211	-1	16-E04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.P.....	.....	.....	.....E.....	.....
1211	-1	16-E12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	...E.....L...	.....	.....	.....	.....
1211	-1	16-F10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....E.....	.....
1211	28	14-B07	<0.01	94	>25	36	0.033	83	.....	.....	.....D...	.....	.....	.....	.....	.....E.....	.....
1211	28	19-A03	<0.01	100	2.314	74	0.029	100	.....	.....	.....D...	.....	.....	.....	.....	.....E.....	.....
1211	28	19-A04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....E.....	.....
1211	28	19-A07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....E.....	.....
1211	28	19-A08	0.017	100	0.114	98	<0.01	99	.....	.....	.....	.....	.....	.....V.....	.....	.....E.....	.....
1211	28	19-B02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....R..	.....	.....	.T.....	.....	.....E.....	.....
1211	28	19-B03	<0.01	100	12.428	56	0.040	94	.....R.....	.....	.....R..	.....	.....	.T.....	.....	.....E.....	.....
1211	28	19-B06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....E.....	.....
1211	28	19-B07	<0.01	100	13.957	58	0.154	91	.....	.....	.....D...	.....	.....	.....	.....	.....E.....	.....
1211	28	19-B09	n/a	n/a	n/a	n/a	n/a	n/a	.....T.....	.....	.....R..	.....	.....	.....	.....	.....E.....	.....
1211	28	19-B10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....R..	.....	.....	.....	.....	.....E.....	.....
1249	114	29-E02	<0.01	100	9.854	65	10.916	66	.....R.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
1249	114	29-F06	n/a	n/a	n/a	n/a	n/a	n/a	.....R.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
1249	114	29-F09	n/a	n/a	n/a	n/a	n/a	n/a	.....R.....	.....	.....	.....	.....	.....	.....	.....D.....	.....

Table S7. *Plasma SGS-Derived env Sequences Obtained from HIV-1$_{YU2}$-Infected Humanized Mice and Antibody Sensitivity, Related to Figures 6 and 7 (continued)*

B VRC01 Treatment Group

ID	Day	Virus	Sensitivity: 1-18 IC$_{50}$	1-18 MPI	3BNC117 IC$_{50}$	3BNC117 MPI	VRC01 IC$_{50}$	VRC01 MPI	V1 loop	V2 loop	Loop D	V3 loop	CD4 binding loop	V4 loop	β20/β21	β23	V5/β24
									TDLRNATNTTSSSWETMEKGEIKNCSFNITTSIRDKVQKEYALFYNLDVVPIDNASYRLISCNTSVITQACPKVS		SENFTNNAKTI	RPNNNTRKSINIGPGRALYTTGEIIGDIRQAHC	PSSGGDPEIVTHS	CNSTQLFTWNDTRKLNNTGRNITLPCRIKQIINMWQEVGKAMYAPP		TGLLLTRDGGKDTNGTEIFRPG	
1050	-1	12-A05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....V.....	.....
		12-B11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		17-A10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		17-A11	<0.01	100	<0.01	100	0.043	100	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		17-B09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
	28	14-E03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....D....	.....	.....	.....	.....	.....V.....	.....
		14-E06	<0.01	100	0.217	74	0.218	63	.....	.....E.....	.....	.....	.....	.....K.....	.....	.....VE.....	.....
1130	-1	12-C07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		12-D01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....S.....	.....	.....	.....	.....	.....K.....	.....	.....
		12-D05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		17-C07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		17-D08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....S.....	.....	.....	.....	.....	.....K.....	.....	.....
	28	14-G02	<0.01	81	0.025	77	0.203	81	.....	.....S.....	.....	.....	.....	.....	.....K.....	.....D.....N.....	.....
		14-G05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....N.....E	.....
		14-G11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....D....	.....	.....	.....	.....K.....	.....D.....N.....	.....
		19-H01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....N.....	.....
		19-H02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....N.....	.....
		19-H06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....N.....	.....D....	.....	.....	.....	.....	.....D.....N.....	.....
		19-H10	<0.01	95	1.243	67	>25	28	.....	.....	.....D....	.....	.....	.....	.....	.....K.....	.....
	114	25-C01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....S.....	.....	.....A.....	.....	.....	.....K.....	.....D.....N.....	.....
		25-C02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....S.....	.....	.....	.....	.....	.....	.....D.....N.....	.....
		25-C11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D.....N.....	.....
		25-D07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....F.S.....	.....	.....	.....	.....	.....K.....	.....D.....N.....	.....
		33-C08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....E.....	.....	Y.TTI.....	.....	.....	.....K.....	.....D.....NK.....	.....
		33-D04	<0.01	100	0.118	78	0.180	78	.....	.....	.....	.....	.....	.....	.....K.....	.....D.....N.....	.....
		33-D08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....S.....	.....	.....	.....	.....	.....K.....	.....D.....N.....	.....
1161	-1	02-82	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....M....	.....	.....	.....	.....
		02-84	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....I.....	.....	.....	.....
	28	04-73	n/a	n/a	n/a	n/a	n/a	n/a	.....I.....	.....	.....S.....	.....	.....	.....	.....	.....D.....	.....
		04-93	<0.01	100	0.412	80	9.639	74	.....	.....	.....D....	.....	.....	.....	.....	.....	.....
		09-G04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....D....	.....	.....	.....	.....	.....	.....
		09-G07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		09-G09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		09-H01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....D....	.....	.....	.....	.....	.....	.....
		09-H09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....D....	.....	.....	.....	.....	.....	.....
	114	25-A01	<0.01	92	19.359	55	5.861	56	.....P.....V.....	.....	.....D....	.....	.....	.....	.....	.....	.....
		25-A12	0.027	100	0.238	66	21.735	52	.....V.....	.....	.....T...	.....	.....	.....	.....	.....	.....
		33-A08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....D....	.....	.....	.K.....	.....	.....	.....
		33-A11	n/a	n/a	n/a	n/a	n/a	n/a	.....V.....	.....	.....T...	.....	.....	.....	.....	.....	.....
		33-B02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....T...	.....	.....	.....	.....	.....	.....
1210	-1	02-02	n/a	n/a	n/a	n/a	n/a	n/a	.....K.....	.....	.....	.....	.....	.....	.....	.....	.....
		02-04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		02-06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		02-07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		02-08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		02-12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....V....
		02-14	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		02-20	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		02-21	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
	28	04-01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....Y....	.....	.....	.....	.....	.....	.....
		04-08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....Y....	.....	.....	.....	.....	.....	.....
		04-23	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....Y....	.....	.....	.....K.....	.....	.....	.....
		09-A08	<0.01	100	22.647	52	>25	45	.....	.....	.....Y....	.....G.....	.....	.....	.....	.....	.....
		09-A11	0.022	100	>25	38	25.000	50	.....	.....	....A..T...	.....	.....	.....	.....	.....	.....
		09-A12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....A..T...	.....	.....	.....	.....	.....	.....
		09-B06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....A..T...	.....	.....	.....	.....	.....	.....
	114	24-G10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....K.....	....A..T...	.....	.....	.....	.....	.....	.....
		24-H04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....A.....	.....	.....	.....	.....	.....	.....
		32-G04	<0.01	100	22.820	57	>25	37	.....	.....K.....	....A..T...	.....	.....	.....	.....	.....	.....
		32-G08	<0.01	100	<0.01	100	0.015	100	.....	.....	....A.....	.....	.....	.....	.....	.....	.....
		32-H01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....K.....	....A..T...	.....	.....	.....	.....	.....N.....	.....
		32-H07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....A..T...	.....	.....	.....	.....	.....	.....
		32-H12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	....A..T...	.....	.....	.....	.....	.....	.....

Table S7. *Plasma SGS-Derived env Sequences Obtained from HIV-1$_{YU2}$-Infected Humanized Mice and Antibody Sensitivity, Related to Figures 6 and 7 (continued)*

C 3BNC117 + VRC01 Treatment Group

ID	Day	Virus	Sensitivity: 1-18 IC$_{50}$	1-18 MPI	3BNC117 IC$_{50}$	3BNC117 MPI	VRC01 IC$_{50}$	VRC01 MPI	V1 loop	Loop D	V3 loop	CD4 binding loop	V4 loop	β20/β21	β23	V5/β24
									132 134 135 136 137 138 139 140 142 143 144 146 148 149 150 151 152 154 155 157 158 159 160 162 163 164 166 168 169 170 171 172 173 174 175 176 177 178 179 181 183 185 186 188 189 190 191 193 194 195 196 197 198 200 202 203 204 206 207 208 209	274 276 277 278 279 280 281 282 283 284	289 290 291 293 294 295 296 297 298 299 300 302 303 304 305 306 308 309 310 312 313 314 315 316 317 319 320 321 322 323 324 325 326 327 328 329 330 331	363 364 365 366 367 368 369 370 371 372 373 374 375	385 386 387 388 389 390 391 392 393 401 402 403 404 405 406 408 409 410 411 412 414 415 416 417 418 419 420 421 423 424 425 426 428 430 431 432 433 434 435 436 438	439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471
									T D L R N A T N T T S S S W E T M E K G E I K N C S F N I T T S I R D K V Q K E Y A L F Y N L D V V P I D N A S Y R L I S C N T S V I T Q A C P K V S	S E N F T N N A K T I	R P N N N T R K S I N I G P G R A L Y T T G E I I G D I R Q A H C	P S S G G D P E I V T H S	C N S T Q L F T W N D T R K L N N T G R N I T L P C R I K Q I I N M W Q E V G K A M Y A P P	T G L L L T R D G G K D T N G T E I F R P G
940	-1	01-22	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
940	-1	06-05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....M....	.....	.....	.....	.....
940	-1	06-06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
940	-1	06-08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....I.....	.....	.....	.....
940	-1	06-09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....L.
940	-1	06-10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
940	-1	06-11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	---.....	.....	.....D.....	.....
940	-1	06-12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
940	-1	06-15	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
940	-1	06-16	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
940	-1	06-17	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
940	-1	06-18	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....G.....	.....
940	-1	06-19	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....K.....
940	28	03-18	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....K.....	.....	.....	.....N.....	.....	.....	.....
940	28	08-A07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....K.....	.....	.....	.....	.....	.....D.....	.....
940	28	08-A11	<0.01	100	>25	48	2.748	70	.....	F.....	.....	.....	.....	.....	.....D.....	.....
940	28	08-A12	<0.01	100	>25	32	>25	31	.....	.....K.....	.....	.....	.....	.....	.....	.....
940	28	08-B04	<0.01	94	0.174	79	0.126	81	.....T.....	.....	.....	.....	.....	.....	.....D.....E.....	.....
940	28	08-B09	<0.01	96	>25	32	>25	31	.....I.....	.....K.....	.....	.....	.....K.....	.....	.....D.....	.....
940	28	08-B11	n/a	n/a	n/a	n/a	n/a	n/a	.....N.....	F.....	.....	.....	.....	.....	.....D.....	.....
940	114	23-G09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....
940	114	23-H11	<0.01	100	<0.01	99	0.033	100	.....	...L.....	.....	.....	.....	.....K.....	.....	.....
940	114	31-G10	n/a	n/a	n/a	n/a	n/a	n/a	.....---.....K.....	.....T..	...S.....	.....	.....	.....	.....	.....
1087	-1	01-95	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
1087	-1	06-85	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....E.....	.....	.....K.....	.....	.....	.....
1087	-1	26-C06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
1087	-1	26-D07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
1087	28	03-84	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....D...	.....	.....	.....	.....	.....D.....	.....
1087	28	08-G01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....D.....	.....
1087	28	08-G10	<0.01	86	0.029	85	0.087	86	.....N.....	F.....	.....	.....	.....N.....	.....	.....D.....	.....
1087	28	08-H05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....D.....	.....
1087	28	08-H06	<0.01	100	>25	41	0.053	87	.....	.....D..	.....	.....	.....	.....	.....D.....	.....
1087	28	08-H09	n/a	n/a	n/a	n/a	n/a	n/a	.....	F.....	.....	.....	.....	.....	.....D.....	.....
1087	28	08-H12	<0.01	100	>25	46	0.063	80	.....	.....D..	.....	.....	.....	.....	.....D.....	.....
1087	114	32-A01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....D.....	.....
1087	114	32-A09	<0.01	100	0.012	100	0.022	100	.....	.....	.....W.....	.....	.....	.....	.....D.....	.....
1087	114	32-A10	<0.01	100	0.015	100	0.079	92	.....	.....	.....	.....	.....I.....	.....	.....D.....	.....
1087	114	32-B08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....D.....	.....
1087	114	32-B11	<0.01	99	17.500	57	17.160	59	.....	F.....	.....	.....	.....	.....	.....D.....	.....
1186	-1	16-A06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....M....	.....S.....	.....	.....	.....
1186	-1	16-A09	<0.01	100	<0.01	100	0.058	100	.....	.....	.....	.....	.....	.....	.....	.....R
1186	-1	16-A10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....R
1186	-1	16-A12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....M....	.....	.....	.....	.....
1186	-1	16-B01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....M....	.....	.....	.....	.....
1186	28	13-E10	0.022	99	0.213	73	0.355	70	.....	.....T..	.....	.....	.....	.....	.....	.....
1186	28	13-E11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....D.....	.....
1186	28	13-F08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....T..	.....	.....	.....	.....	.....	.....
1186	28	26-E07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
1186	28	26-E10	<0.01	100	0.014	97	0.044	92	.....	.....	.....	.....	.....	.....	.....D.....	.....
1186	28	26-F01	<0.01	100	5.024	67	16.398	59	.....	.....	.....	.....	.....	.....	.....DE.....	.....
1186	28	26-F02	<0.01	93	0.327	68	0.249	62	.....	.....T..	.....	.....	.....	.....	.....	.....
1186	28	26-F10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....T..	.....	.....	.....	.....	.....	.....
1186	114	24-C06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....D.....	.....
1186	114	32-C05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....D.....E	.....
1186	114	32-C10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....
1186	114	32-D04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....T..	.....	.....	.....	.....	.....	.....
1186	114	32-D07	n/a	n/a	n/a	n/a	n/a	n/a	.....I.	.....	.....	.....	.....	.....R.....	.....D.....	.....
1186	114	32-D09	n/a	n/a	n/a	n/a	n/a	n/a	.....N.....	.....T..	.....A.....	.....	.....	.....	.....	.....

Table S7. *Plasma SGS-Derived env Sequences Obtained from HIV-1$_{YU2}$-Infected Humanized Mice and Antibody Sensitivity, Related to Figures 6 and 7 (continued)*

3BNC117 + VRC01 Treatment Group *(continued)*

ID	Day	Virus	Sensitivity: 1-18 IC$_{50}$	1-18 MPI	3BNC117 IC$_{50}$	3BNC117 MPI	VRC01 IC$_{50}$	VRC01 MPI	V1 loop	V2 loop	Loop D	V3 loop	CD4 binding loop	V4 loop	β20/β21	β23	V5/β24
									132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209	274 275 276 277 278 279 280 281 282 283 284	289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331	343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375	385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438	439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471
			IC$_{50}$	MPI	IC$_{50}$	MPI	IC$_{50}$	MPI	T D L R N A T N T T S S S W E T M E K G E I K N C S F N I T T S I R D K V Q K E Y A L F Y N L D V V P I D N A S Y R L I S C N T S V I T Q A C P K V S	S E N F T N N A K T I	R P N N N T R K S I N I G P G R A L Y T T G E I I G D I R Q A H C	P S S G G D P E I V T H S	C N S T Q L F T W N D T R K L N N T G R N I T L P C R I K Q I I N M W Q E V G K A M Y A P P	T G L L L T R D G G K D T N G T E I F R P G
1214	-1	11-C01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....v.....	.....
		16-C03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		16-C07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....v.....	.....
		16-C08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		16-C11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		16-D04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		16-D06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....v.....	.....
		26-G01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		26-G07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....v.....	.....
		26-G09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....v.....	.....
		26-H02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		26-H05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....s.....	.....
	28	18-G02	n/a	n/a	n/a	n/a	n/a	n/a	.....G.....I.....	.....	Y.....	.....	.....	.....	.....	.....D.....	.....
		18-G05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	Y.....	.....	.....	.....K.....	.....	.....D.....	.....
		18-H02	<0.01	100	>25	34	24.643	50	.....	.....	Y.....	.....	.....	.....	.....	.....D.....	.....
	114	24-E06	0.041	96	>25	29	>25	26	.....	....A..T..	.....	.....	.....	.....	.....	.....	.....
		24-F02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....T..	.....	.....	.....	.....	.....	.....	.....
		24-F06	n/a	n/a	n/a	n/a	n/a	n/a	.....	....A..T..	.....	.....	.....	.....	.....	.....	.....
		32-E06	n/a	n/a	n/a	n/a	n/a	n/a	.....	....A..T..	.....	.....	.....	...K.....S.....	.....	.....	.....
		32-E07	<0.01	100	>25	20	>25	33	.....R.....	.K..A..T..	.....	.....	.....	...K.....S.....	.....	.....	.....
		32-F04	0.034	99	15.983	53	>25	47	.....	.....T..	.....	.....	.....	.....	.....	.....	.....
		32-F05	0.040	100	>25	40	>25	30	.....	....A..T..	.....	.....	.....	.....	.....	.....	.....

Table S7. *Plasma SGS-Derived env Sequences Obtained from HIV-1$_{YU2}$-Infected Humanized Mice and Antibody Sensitivity, Related to Figures 6 and 7 (continued)*

D 1-18 Treatment Group

ID	Day	Virus	Sensitivity: 1-18 IC$_{50}$	1-18 MPI	3BNC117 IC$_{50}$	3BNC117 MPI	VRC01 IC$_{50}$	VRC01 MPI	V1 loop	V2 loop	Loop D	V3 loop	CD4 binding loop	V4 loop	β20/β21	β23	V5/β24
									132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209	274 275 276 277 278 279 280 281 282 283 284	289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331	343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375	385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438	439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471
									T D L R N A T N T T S S S W E T M E K G E I K N C S F N I T T S I R D K V Q K E Y A L F Y N L D V V P I D N A S Y R L I S C N T S V I T Q A C P K V S	S E N F T N N A K T I	R P N N N T R K S I N I G P G R A L Y T T G E I I G D I R Q A H C	P S S G G D P E I V T H S	C N S T Q L F T W N D T R K L N N T G R N I T L P C R I K Q I I N M W Q E V G K A M Y A P P	T G L L L T R D G G K D T N G T E I F R P G
1069	-1	01-62	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		01-69	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-54	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-56	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-59	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-65	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....E.....	.....	.....	.....	.....	.....
		06-66	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		06-67	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		06-70	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
	28	03-58	<0.01	96	<0.01	97	0.017	97	.....	.....	.....	.....	.....	.....	.....	.....	.....
		08-F02	<0.01	100	<0.01	100	0.048	100	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		08-F05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		08-F08	<0.01	96	<0.01	93	0.115	99	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
		26-A06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		26-A09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....K.....	.....	.....	.....	.....	.....	.....	.....R
		26-A10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		26-B02	<0.01	91	<0.01	86	0.057	89	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		26-B06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		26-B11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
1177	-1	34-A05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		34-A12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
		34-B01	<0.01	98	<0.01	98	0.017	100	.....	.....	.....	.....	.....	.....	.....	.....	.....R
		34-B09	<0.01	99	<0.01	98	0.035	100	.....	.....I.....	.....	.....	.....	.....	.....	.....	.....
		36-A06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
1215	-1	34-C01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		34-C03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		34-D02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		34-D06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		34-D12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
	114	21-G08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		21-G12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		21-H03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		29-G08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....K.....	.....	.....	.....	.....K.....	.....	.....	.....
		29-G10	<0.01	100	0.015	99	0.053	100	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		29-G12	<0.01	100	0.012	100	0.049	100	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
1239	-1	34-E04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		34-F06	n/a	n/a	n/a	n/a	n/a	n/a	.....R.....	.....	.....	.....M.....	.....	.....	.....	.....	.....
		34-F10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....E.....	.....
		36-E02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		36-E03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....K.....	.....
	114	22-A10	<0.01	87	<0.01	88	0.029	87	.....	.....	.....	.....	.....	.....I.....T.....	.....	.....	.....
		30-A05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		30-B03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....I.....	.....	.....	.....

Table S7. *Plasma SGS-Derived env Sequences Obtained from HIV-1$_{YU2}$-Infected Humanized Mice and Antibody Sensitivity, Related to Figures 6 and 7 (continued)*

E Control Group

ID	Day	Virus	Sensitivity: 1-18 IC$_{50}$	1-18 MPI	3BNC117 IC$_{50}$	3BNC117 MPI	VRC01 IC$_{50}$	VRC01 MPI	V1 loop	V2 loop	Loop D	V3 loop	CD4 binding loop	V4 loop	β20/β21	β23	V5/β24
									132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157	158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209	274 275 276 277 278 279 280 281 282 283 284	289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331	363 364 365 366 367 368 369 370 371 372 373 374 375	385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438	439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471
									T D L R N A T N T T S S S W E T M E K G E I K N C S F N I T T S I R D K V Q K E Y A L F Y N L D V V P I D N A S Y R L I S C N T S V I T Q A C P K V S	S E N F T N N A K T I	R P N N N T R K S I N I G P G R A L Y T T G E I I G D I R Q A H C	P S S G G D P E I V T H S	C N S T Q L F T W N D T R K L N N T G R N I T L P C R I K Q I I N M W Q E V G K A M Y A P P	T G L L L T R D G G K D T N G T E I F R P G
1045	-1	12-E03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....S.....	.....
		12-F01	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		12-F05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....K.....	.....
		17-E11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
		17-F02	n/a	n/a	n/a	n/a	n/a	n/a	.....E.....	.....	.....	.....	.....	.....	.....	.....K.....	.....
		17-F09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....K.....	.....
	28	15-A11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		15-B11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		20-A02	<0.01	100	<0.01	100	<0.01	100	.....K.....K.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		20-A04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....E.....K.....	.....	.....	.....
		20-A08	<0.01	100	<0.01	100	0.019	100	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		20-B03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....M....	.....	.....	.....	.....
		20-B07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		20-B09	<0.01	100	<0.01	100	0.020	100	.....I.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
	114	25-E03	<0.01	100	<0.01	99	0.024	100	.....	.....	.....	.....	.....	...K.....I.....T.....	.....	.....	.....
		33-E06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....I.....	.....	.....N....	.....
		33-F01	<0.01	100	<0.01	100	<0.01	100	.....G.....A.	.....	.....	.....	.....	.....I.....	.....	.....	.....
		33-F09	<0.01	99	<0.01	99	0.052	98	.....	.....	.....	.....	.....	.....	.....	.....	.....
1125	-1	13-C03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		13-D11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-C05	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-C11	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....T....	.....	.....	.....	.....
		18-D02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-D03	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	----------	.....	.....	.....	.....	.....
		18-D07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....G.....	.....	.....	.....	.....	.....	.....	.....
		18-D08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-D09	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
	28	15-H11	n/a	n/a	n/a	n/a	n/a	n/a	.....N.....	.....	.....	.....	.....	.....	.....	.....--.....	.....
		20-G07	<0.01	100	<0.01	100	0.048	96	.....N.....	.....	.....	.....	.....	.....	.....	.....--.....	.....
		20-H04	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....--.....	.....
		20-H07	n/a	n/a	n/a	n/a	n/a	n/a	.....N.....K.....	.....	.....	.....	.....	.....	.....	.....	.....
		28-C06	n/a	n/a	n/a	n/a	n/a	n/a	.....P.....	.....	.....	.....	.....	.....	.....	.....	.....
		28-D06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....--.....	.....
		28-D07	n/a	n/a	n/a	n/a	n/a	n/a	.....T.....	.....	.....	.....	.....	.....	.....	.....	.....
		28-D10	n/a	n/a	n/a	n/a	n/a	n/a	.....--	.....	.....	.....	.....	.....	.....	.....--	.....
	114	25-G03	<0.01	100	<0.01	100	0.051	100	.....N.....	.....	.....	.....	.....	.....	.....	.....	.....
		25-H01	n/a	n/a	n/a	n/a	n/a	n/a	N.....K.....L.....	.....	..D.....	.....H.....	.....	...A.....	.....	.....--.....	.....
		25-H08	n/a	n/a	n/a	n/a	n/a	n/a	N.....K.....L.....	.....	.....	.....	.....	.....K.....	.....	.....S.....	.....
		33-G01	<0.01	100	<0.01	100	0.036	100	.....K.....L.....	.....	.....	.....	.....	...A.....K.....	.....	.....	.....
		33-G04	n/a	n/a	n/a	n/a	n/a	n/a	N.....K.....L.....	.....	.....	.....	.....	...A.....E.....	.....	.....	.....
		33-G12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....S.....	.....
		33-H06	<0.01	98	0.011	100	0.031	100	.....N.....	.....	.....	.....	.....	.....	.....	.....-.....	.....
1195	-1	12-H06	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....D.....	.....
		12-H08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		17-G03	<0.01	100	<0.01	100	<0.01	100	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....R
		17-G12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		17-H02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....R
	28	20-C10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		20-D10	<0.01	100	<0.01	100	0.022	100	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
1291	-1	13-A09	n/a	n/a	n/a	n/a	n/a	n/a	.....G.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-A02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	...I.....	.....
		18-A08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.P.....	.....	.....	.....	.....
		18-A12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-B02	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....T.....	.....	.....	.....	.....	.....	.....	.....
		18-B07	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-B08	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
		18-B12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....	.....	.....	.....
	28	15-E01	<0.01	100	<0.01	100	<0.01	100	.....	.....	.....	.....	.....	.....	.....	.....	.....
		15-F09	<0.01	100	<0.01	100	0.030	100	.....	.....	.....	.....	.P.....	.....	.....	.....	.....
		15-F12	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.....	.....K.....	.....	.....	.....
		20-E10	n/a	n/a	n/a	n/a	n/a	n/a	.....	.....	.....	.....	.P.....	.....A.....	.....	.....	.....
		20-F09	<0.01	100	<0.01	100	0.012	100	.....	.....	.....	.....	.P.....	.....	.....	.....	.....