

SI Table 1

Peptide sequence, location and HLA-restriction of the 32 gag-specific peptides described in the study

Peptide	Location	HLA restriction
GELDRWEKI	Gag 11-19	B*4001, B*4002
KIRLRPGGK	Gag 18-26	A*0301
IRLRPGGKK	Gag 19-27	B*2705
RLRPGGKKK	Gag 20-28	A*0301, A*3001
GGKKKYKLLK	Gag 24-32	B*0801
KYKLVHIVW	Gag 28-36	A*2402
WASRELERF	Gag 36-44	B*3501
ELRSLYNTV	Gag 74-82	B*0801
RSLYNTVATLY	Gag 76-86	A*3001, A*3002
SLYNTVATL	Gag 77-85	A*0201
QAISPRTLNAW	Gag 145-155	A*2501
ISPRTLNAW	Gag 147-155	B*5701
TLNAWVKVV	Gag 151-159	A*0201
KAFSPEVIPMF	Gag 162-172	B*5701
EVIPMFSAL	Gag 167-175	A*2601
TPQDLNTML	Gag 180-188	B*0702, B*4201
GHQAAMQML	Gag 193-201	A*0201, B*3801, B*3901
AEWDRVHPV	Gag 210-218	B*4002
HPVHAGPIA	Gag 216-224	B*0702
NPVPVGNII	Gag 255-263	B*3501
EIYKRWII	Gag 260-267	B*0801
RMYSPTSI	Gag 275-282	B*5201
RDYVDRFFKTL	Gag 294-304	B*4403
YVDRFYKTL	Gag 296-304	A*0201
AEQASQDVKNW	Gag 306-316	B*4402
QASQEVKNW	Gag 308-316	B*5301, B*5701
DCKTILKAL	Gag 329-337	B*0801
ACQGVGGPGHK	Gag 349-359	A*1101
GPGHKARVL	Gag 355-363	B*0702
TERQANFL	Gag 427-434	B*4002
FLGKIWPSYK	Gag 433-442	A*0201
KELYPLTSL	Gag 481-489	B*4002

Hla restrictions were based on the Los Alamos Database and on the HLA class I genotyping of the patients.