

## A

## Gag Sequences

210WW	1	<b>MGARASVLSGGKLDKWEKIRLRPGGKKKYKLLKHLVWASRELERFAVNPGLLETSEGCRQI</b>	60
210MM	1	..V.....G.....	60
NL4-3	1	.....E.....Q.....I.....	60
LAI	1	.....E..R.....I.....	60
210WW	61	<b>LEQLQPSLKTGSEELRSLFNAVATLYCVHQIDVKDTKEALDKIEEEQNKSKKKAQQAAA</b>	120
210MM	61	M.....A.....R.....	120
NL4-3	61	.G.....Q.....Y.TI.V.....R.....	120
LAI	61	.G.....Q.....Y.T.....R.EI.....	120
210WW	121	<b>DTGSCSSQVSQNYPIVQNLQGQMVHQALSPRTLNAWVKVIEEKAFSPEVIPMFSALSEGA</b>	180
210MM	121	...N.....	180
NL4-3	121	...N-N.....I.....V.....	179
LAI	121	...H-.....I.....I.....V.....	179
210WW	181	<b>TPQDLNNTMLNTVGGHQAAMQMLKETINEEAAEWDRLLHPVHAGPIAPGQMREPRGSDIAGT</b>	240
210MM	181	.....	240
NL4-3	180	.....	239
LAI	180	.....V.....	239
210WW	241	<b>TSTLQEQIGWMTHNPPPIVGEIYKRWIILGLNKIVRMYSILDIRQGPKEPFRDYVDR</b>	300
210MM	241	.....	300
NL4-3	240	.....T.....	299
LAI	240	.....N.....T.....	299
210WW	301	<b>FYKTLRAEQASQEVKNWMTETLLVQANANPDCKTILKALGPAATLEEMMTACQGVGGPGHK</b>	360
210MM	301	.....	360
NL4-3	300	.....G.....	359
LAI	300	.....	359
210WW	361	<b>ARVLAEAMSQVTNSAAIMMQKGNFKGQRKIVKCFNCGREGHIAKNCRGPRKKGWCWCKGKE</b>	420
210MM	361	.....S.....R.....A.....	420
NL4-3	360	.....P.T..I.....RN..T.....K.....A.....	419
LAI	360	.....T...R...RN.....K....R..A.....	419
210WW	421	<b>GHQMKDCTERQANFLGKLWPSNKGRPGNFLQSRPEPTAPP-----EESFRFGE</b>	468
210MM	421	.....I..V.....-----	468
NL4-3	420	.....I..H.....-----	467
LAI	420	.....I..Y.....FLQSRPEPTAPP.....S.V	479
210WW	469	<b>ETTTPTQKQEPLDKELYPLASLRSLFGNDPSSQ</b>	501
210MM	469	.....	501
NL4-3	468	.....S.....I.....S.....	500
LAI	480	.....S.....I.....T.....	512

## B

## Protease Sequences

210WW	1	<b>PQITLWQRPLVTIKIGGQLKEALLDTGADDTVLEEMNLPGRWPKMIGGIGGFIKVRQYD</b>	60
210MM	1	.....V.....	60
NL4-3	1	.....	60
LAI	1	.....S.....	60
210WW	61	<b>QIPIEICGHKAIGTVLVGPTPVNIIGRNLLTQIGCTLNF</b>	99
210MM	61	.....A.....	99
NL4-3	58	..L.....	99
LAI	58	..L.....	99