Summary of variations in the tetrameric tip of the V3 loop. This table is a tally of the different tetramers observed in 3848 individuals analyzed. This tip is thought to form a turn, and is the focal point of the potent neutralizing antibody epitopes that have been mapped to the V3 loop, as well as of T cell epitopes. Each column shows the number of occurrences of a given tetramer in either the entire 3848 sequences (combined), or in subsets consisting of subtypes and circulating recombinant forms. The unclassifed sequences are not included. Underneath the column heading is the number of sequences in each category. The most common form found in each subtype is highlighted in bold lettering. In the B subtype, GPGR is the predominant form, however globally GPGQ is more common.

	Combined	A	B	C	D	F	G	H	J	K	O	1	2	3	4
Totals	3826	539	1911	443	182	84	73	11	3	5	19	356	57	41	3
GPGQ	**1680**	**485**	125	**434**	**75**	**53**	**63**	**6**	3	1		**301**	**55**		
GPGR	1472	21	**1272**	4	44	31	1	3		2		33	1	**41**	1
GPGK	172	8	149		3					2		4	1		1
GPGS	74		74												
GWGR	58		58												
GPGG	44		43												
APGR	37	3	33		1										
GLGR	35	4	28		1								1		
GQGR	23		22									1			
GLGQ	20				14								1		
GQGQ	17	2			12							2			
GSGQ	13	3			9										
GPMA	12										**12**				
APGQ	12	4					6	1							
GRGQ	10	2		1	4			1							
GPGH	10											7			1
GFGR	8		8												
GTGQ	7				7										
GPGA	7	1	6												
GRGR	6		6												
GPRR	6		5			1									
GTGR	5						1								
GPGE	5		4										1		
APGS	5		5												
GSGR	4	1	3												
GPKR	4		4												
EPGR	4		4												
TPGR	3		3												
RPGR	3		3												
QPGR	3		3												
GVGR	3		2		1										
GPRQ	3				2		1								
GPLA	3														
GMGR	3		3												
GAGR	3		2												
APGG	3		3												
AGGR	3		3												
RWGR	2		2												
RPRQ	2	1		1											
RPGQ	2				2										
GPMG	2														
GPGP	2				1										
GPGI	2	1													
GPER	2		2												
GPAR	2												1		
GLGS	2		2												
GLGH	2												1		
GGGR	2		2												

Note: In the image, GPLA shows 3 in column O, and GPMG shows 1 in column O.

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