

Appendix Table 2. VR2 sequence nomenclature^a

Variant	Previous nomenclature	VR2 peptide sequence	Source or reference
1	1	YVAVENGVAKKVA	(1)
1-1	1a	YVAVENGATKKVA	(6)
1-2	1b	YVAVENGVVKKVA	This study
1-3	1c	YVAVENGVAKKVT	WS
2	2	HFVQQTPKSQPTLVP	(1)
-	2a	found to be 2e	(1)
2-1	2b	HFVQQPPKSQPTLVP	(10)
2-2	2c	HFVQQTPQSQPTLVP	(3)
Removed	2d	HFVQETPKSQPTLVP	(4)
2-3	2e	HFVQQPPKSQPTLVP	This study
2-4	2f	HFVQQTPQSRPTLVP	This study
2-5	2g	HFVQQIPQSQPTLVP	WS
2-6	2i	HFVQQTPTLVP	(6)
2-7	-	HFVQQTSKSQPTLVP	WS
2-8	-	HFVQQTTKSQPTLVP	WS
2-9	-	HFVQQTPQSKPTLVP	WS
2-10	-	HFVQQAPQSQSTLVP	WS
2-11	-	HFVLQTPQSQPTLVP	WS
2-12	-	HFVQQIPKSQPTLVP	WS
2-13	-	YFVQQTPQSQPTLVP	GenBank AF239810
2-14	33	HFVQQKLASKPTLVP	WS
2-15	33a	HFVQQKSTSKPTLVP	WS
2-16	33b	HFVQQKPTSKPTLVP	WS
2-17	33c	HFVQQQPTSEPTLVP	WS
2-18	-	HFVQQIPKSPILVP	WS
2-19	-	HFVQQTSQSQPTLVP	WS
2-20	-	HFVQQTPIVQQTPKSQPTLVP	WS
3	3	TLANGANNTIIRVP	(3)
3-1	3a	TVANGANNTIIRVP	(14)
3-2	3b	TLANGANDTIIRVP	This study
3-3	-	TLANGADNTIIRVP	WS
3-4	-	TPANGANNTIIRVP	WS
3-5	-	TLAKGANNTIIRVP	WS
4	4	HVVVNKNVATHVP	(13)
4-1	4a	HVVVNKNVATHVP	(8)
4-2	4b	HVVVNKNVATHVPAKVATHVP	This study
4-3	4c	HVVVNKNVTTHVP	WS
9	9	YVDEQSKYHA	(1)
9-1	9a	YVDSKYHA	GenBank AF148643
9-2	-	YVGEQSKYHA	WS
9-3	-	YVDEQSKDHA	WS
9-4	-	YVDKQSKYHA	WS
9-5	-	YVDEQSEYHA	WS
10	10	HFVQNKQNRPTLVP	(3)
10-1	10a	HFVQNKQNPPTLVP	(10,15)

10-2	10b	HFVQDKKGQPPTLVP	(10,15)
10-3	10c	HFVQNKQNQPPTLVP	(10,15)
10-4	10d	HFVQNKQNKQNQPPTLVP	(10,15)
10-5	10e	HFVQNKQSQRPPTLVP	(3)
10-6	10f	HFVQNKQNQQNQQNQPPTLVP	(10,15)
10-7	10g	HFVQNKQNKPPPTLVP	(10,15)
Removed	10h		(4)
Removed	10i		(4)
Removed	10j		(4)
10-8	10k	HFVQNKQNQQNQPPTLVP	This study
10-9	10l	HFVQNKQNKQNQLPTLVP	This study
10-10	10m	HFVQNKQNKQNQNQPPTLVP	This study
10-11	10n	HFVQNKQNQRSTLVP	This study
10-12	10o	HFVQNKQNQLPTLVP	GenBank AF182278
10-13	10p	HFVQNKQNKKNQPPTLVP	WS
10-14	10q	HFVQNKQHQPPTLVP	WS
10-15	10r	HFVQNKQNQPSTLVP	WS
10-16	10s	HFVQNKQNQWSTLVP	WS
10-17	10t	HFVQNKQNQTPTLVP	WS
10-18	10u	HFVQNKQSQPPTLVP	WS
10-19	10w	HFVQNKQNKQKQPPTLVP	(6)
10-20	10i,10v	HFVQNKQNQWLTLP	GenBank AF162346
10-21	10x	HFVPDKKGQPPTLVP	(6)
10-22	10y	HFVQNKQNKQNQQNQPPTLVP	WS
10-23	-	HFVQNKQNQWPTLVP	WS
10-24	-	HFVKNKQNQRPTLVP	(6)
10-25	-	HFVQDKKGQP	WS
13	13	YWTTVNTGSATTTTTFVP	(16)
13-1	13a	YWTTVNTGSATTTTTFVP	(3)
13-2	13b	YWTTVNTGSATTTTTFVP	(16)
13-3	13c	YWTTVNTGSATITTFVP	(10)
13-4	13d	YYTTVTQGSATTTTTFVP	(10)
13-5	13e	YWTTVNTGSATTTTTTTTTFVP	(16)
13-6	13f	YWTTVNTGSATTTTTTTTTFVP	(5)
13-7	13g	YWTTVNTGSATTTTTTFVP	(5)
13-8	13h	YWITVNTGSATTTTTFVP	(16)
13-9	13i	YWTTVNTGSATTFVP	This study
13-10	13j	YWTTVNTGSVTTTTFVP	WS
13-11	13k	YWTTVNTGSAATTTTTFVP	This study
13-12	-	YWTAVNAGSATTTTTFVP	WS
14	14	YVDEKKMVHA	(13)
14-1	14a	YVDEKKKMVHA	(8)
14-2	14b	YVDEKKKVHA	(17)
14-3	14c	YVDEKNMVHA	(17)
14-4	14d	YVDENKMVHA	(11)
14-5	14e	YVDKEQVSHA	This study
14-6	14f	YVDEKQVSHA	This study
14-7	14g	YVDETKMVHA	WS
14-8	-	YVDEKRMVHA	WS
14-9	-	YVDAKKMVHA	WS
15	15	HYTRQNNADVFP	(1)
15-1	15a	HYTRQNNTDVFVP	(7)

15-2	15c	HYTRQNNNNTDVFVP	This study
15-3	15d	HYTRPNNTDVFVP	(11)
15-4	15e	HYNTRQNNADVFP	WS
15-5	15f	HYTRQNSADVFP	This study
15-6	15g	HYTRQNYADVFP	WS
15-7	15h	HYTRQNNANVFVP	(6)
15-8	-	HYTRQNNAGVFVP	(12)
15-9	-	HYTRQNNTRQNNADVFP	(12)
15-10	-	HYTGQNNADVFP	(12)
15-11	15b	HYTRQNNIDVFVP	(10)
15-12	-	HYNTRQNNIDVFVP	WS
15-13	-	HYTRQNNQNNIDVFVP	WS
15-14	-	HYTNTRQNNIDVFVP	WS
15-15	-	HYTRQSNTDVFVP	WS
15-16	-	HYTRQNNADVFP	WS
16	16	YYTKDTNNNLTLP	(1)
16-1	16w	YYTKGKNNALTLVP	WS
16-2	16b	YYTKNTNNNLTLP	(18)
16-3	16c	YYTKDKNDNLTLP	(5)
16-4	16d	YYTKDKNDKLTLP	(5)
16-5	16e	YYTKDTNNNNLTLP	(5)
16-6	16f	YYTKHTNNNLTLP	This study
16-7	16g	YYTKDTNTKDTNNNLTLP	This study
16-8	16h	YYTKDKNNALTLVP	(6)
16-9	16i	YYTKDTNDLTLP	WS
16-10	16j	YYTNNNLTLP	This study
16-11	16k	YYTDTNNNLTLP	This study
16-12	16l	YYTKDTNDNLTLP	This study
16-13	16m	YYTEDTNNNLTLP	WS
16-14	16n	YYTKDTNTNLTLP	WS
16-15	16p	YYNTKDTNNNLTLP	This study
16-16	16q	YYTKDTNNNPTLP	This study
16-17	16r	YYTKDTNNTNNNLTLP	(6)
16-18	16s	YYTKDTNTNNNLTLP	GenBank AF143744
16-19	16t	YYTKDTNNNLHTKDTNNNLTLP	(6)
16-20	16u	KDTNNNLTLP	(6)
16-21	16v	YYTKDTKNNLTLP	(6)
16-22	-	YYTKDTNNILTLP	WS
16-23	-	YYTKDNKNDNLTLP	(6)
16-24	-	YYTKVENDNLTLP	WS
16-25	-	YYTKDTNNNLTLP	WS
16-26	-	YYTNTNNNLTLP	WS
16-27	-	YYTKDTNNNLTLP	WS
23	23	HWNTVYNTNGTTTTFVP	(3)
23-1	23a	HWNTVYNTNGTTTTTTTFVP	(6)
23-2	-	HWNTVYNTNGTTTTTTTFVP	WS
Removed	24	TLANVANTNIGVP	(13)
25	25	TYTVDSSGVVTPVP	(1)
25-1	25a	TYTVDSSGVFTPVP	This study
25-2	25b	TYTEGSSGVFTPVP	WS
25-3	25c	TYTVDSSGVVTPLP	WS
25-4	25d	TYTVGSRDVVTPVP	GenBank AF162345

25-5	25e	TYTVDSNNVVP	GenBank AF157834
25-6	25f	TYTVDSGVVVP	(6)
25-7	25g	YTVDSGVVVP	WS
25-8	-	TYTVDSGVP	WS
25-9	-	TYTVDNSSVVP	WS
26	26	HFVADSQKTRVP	(10)
26-1	26a	HFVADSQGEITRVP	GenBank AF146084
26-2	-	YFTADPNDQNKITRVP	WS
28	28	YYTTATNSSTTFVP	(10)
30	30	HYTTVYNATTTTTTFVP	WS
30-1	30a	HYTTVYNATTTTTTFVP	This study
30-2	30b	HYTTVYNATTTTTTFVP	(6)
30-3	30c	HYTTVYNATTTTTTFVP	This study
30-4	30d	HYTTVYNATTTTTTFVP	WS
30-5	30e	HYTTVYNATTTTTTFVP	WS
34	34	YVDDQKVKGP	(6)
34-1	-	YVDDQKVKGP	WS
35	-	TFTLESNMQPVP	WS

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