

VRC26.25 UCA	Q			S			V			L			T			Q			P			P			S			V			S			A			A			P			G		
	1			2			3			4			5			6			7			8			9			10			11			12			13			14			15		
	C	N/A	G	T	C	T	G	T	G	T	T	G	A	C	G	C	A	G	C	C	G	C	C	T	C	A	G	T	G	T	C	T	G	C	G	G	C	C	C	A	G	G	A		
	N/A	N/A	0.82	0.35	0.22	0.45	1.11	0.37	1.76	0.52	1.42	0.18	0.58	0.40	2.79	0.77	0.26	0.21	3.10	0.06	0.16	1.19	0.10	0.47	0.41	0.35	0.83	0.87	0.56	0.34	0.48	0.22	0.89	1.12	1.98	0.28	0.75	0.15	0.10	0.18	0.18	0.55	0.64	0.24	0.45
VRC26.25	Q			S			V			L			T			Q			P			P			S			V			S			A			A			P			G		
	1			2			3			4			5			6			7			8			9			10			11			12			13			14			15		
	C	N/A	G	T	C	T	G	T	G	C	T	G	A	C	G	C	A	G	C	C	G	C	C	T	C	A	G	T	G	T	C	T	G	C	G	G	C	C	C	A	G	G	A		
	N/A	N/A	0.82	0.35	0.22	0.45	1.11	0.60	0.64	0.84	0.19	0.08	0.58	0.40	2.79	0.77	0.26	0.21	3.10	0.06	0.16	1.19	0.10	0.47	0.41	0.35	0.83	0.87	0.56	0.34	0.48	0.22	0.89	1.12	1.98	0.28	0.75	0.15	0.10	0.18	0.18	0.55	0.64	0.24	0.45
	0.79645			0.93506			0.85388			0.86650			0.89994			0.88371			0.72216			0.87465			0.94526			0.86125			0.92587			0.73343			0.91160			0.96335			0.92478		

VRC26.25 UCA	Q			K			V			T			I			S			C			S			G			S			S			N			I			G					
	16			17			18			19			20			21			22			23			24			25			26			27			28			29			30		
	C 0.15	A 0.64	G 0.32	A 0.53	A 0.33	G 0.92	G 0.06	T 0.44	C 0.16	A 0.86	C 0.47	C 0.27	A 1.31	T 0.56	C 0.84	T 0.66	C 0.31	C 0.39	T 0.25	G 2.48	C 1.58	T 0.27	C 0.36	C 0.48	G 0.38	G 0.49	A 0.90	A 1.37	G 2.30	C 4.23	A 0.26	G 2.21	C 1.55	T 0.37	C 0.19	C 0.54	A 0.57	A 2.18	C 1.08	A 1.16	T 3.40	T 0.52	G 0.10	G 0.65	G 0.61
VRC26.25	Q			K			V			T			I			S			C			S			G			N			T			S			N			I			G		
	16			17			18			19			20			21			22			23			24			25			26			27			28			29			30		
	C 0.15	A 0.64	G 0.32	A 0.53	A 0.33	G 0.92	G 0.06	T 0.44	C 0.16	A 0.86	C 0.47	C 0.27	A 1.31	T 0.56	C 0.84	T 0.66	C 0.31	C 0.39	T 0.25	G 2.48	C 1.58	T 0.27	C 0.36	C 0.48	G 0.38	G 0.49	A 0.88	A 1.54	A 1.15	A 1.31	A 1.41	C 0.58	C 0.71	T 0.49	C 0.19	C 0.54	A 0.57	A 2.18	C 1.08	A 1.16	T 3.40	T 0.52	G 0.14	G 1.47	C 0.13
	0.91197			0.88006			0.94710			0.86815			0.78471			0.90332			0.71498			0.92830			0.91629			0.08602			0.05029			0.93578			0.71587			0.61870			0.92255		

VRC26.25 UCA	N			N			Y			V			S			W			Y			Q			Q			L			P			G			T			A			P		
	31			32			33			34			35			36			37			38			39			40			41			42			43			44			45		
	A 1.05	A 2.56	T 1.14	A 1.22	A 2.02	T 0.57	T 1.77	A 2.59	T 0.44	G 3.57	T 1.60	A 3.49	T 0.47	C 2.33	C 0.39	T 1.04	G 0.30	G 3.41	T 2.87	A 1.48	C 1.74	C 0.56	G 0.72	A 1.89	C 4.23	A 0.26	G 2.21	C 1.55	C 0.37	T 0.36	C 0.49	A 0.18	A 0.55	G 0.64	G 0.51	A 0.38	A 1.00	A 1.19	C 0.77	G 0.21	C 4.30	C 0.10	C 0.08	C 0.18	C 0.17
VRC26.25	N			N			F			V			S			W			Y			Q			Q			R			P			G			R			A			P		
	31			32			33			34			35			36			37			38			39			40			41			42			43			44			45		
	A 0.63	A 2.05	T 1.14	A 1.22	A 2.02	T 1.35	T 0.47	C 0.68	T 0.32	G 1.03	T 0.37	G 0.34	T 0.56	C 0.15	C 0.39	T 1.04	G 0.30	G 3.41	T 2.87	A 1.48	C 1.74	C 0.47	A 0.57	A 2.18	C 1.19	A 0.77	G 0.66	C 0.77	C 0.38	C 1.19	C 0.10	C 0.19	C 0.09	G 0.12	G 1.08	C 0.26	A 0.58	C 0.44	A 0.31	G 0.75	C 4.30	C 0.10	C 0.08	C 0.08	C 0.18
	0.65162			0.69051			0.07666			0.62204			0.77653			0.77557			0.63411			0.84521			0.62529			0.00743			0.93073			0.89925			0.03083			0.63127			0.96820		

VRC26.25 UCA	K			L			L			I			Y			E			N			N			K			R			P			S			G			I			P		
	46			47			48			49			50			51			52			53			54			55			56			57			58			59			60		
	A _{0.84}	A _{1.78}	A _{0.66}	C _{2.33}	T _{0.27}	C _{0.31}	C _{0.62}	T _{0.41}	C _{0.32}	A _{1.51}	T _{0.56}	C _{1.53}	T _{1.05}	A _{2.46}	T _{0.41}	G _{0.65}	A _{0.59}	A _{1.61}	A _{3.20}	T _{2.15}	T _{1.14}	A _{1.22}	A _{1.95}	T _{1.14}	A _{1.06}	A _{1.22}	G _{1.22}	C _{3.29}	T _{0.16}	G _{0.59}	C _{0.41}	C _{0.31}	C _{0.47}	T _{0.41}	C _{0.35}	A _{0.67}	G _{0.08}	G _{0.65}	G _{2.48}	A _{0.51}	T _{1.17}	T _{0.41}	C _{1.63}	C _{0.39}	C _{0.38}
VRC26.25	Q			L			L			I			Y			E			T			D			K			R			P			S			G			I			P		
	46			47			48			49			50			51			52			53			54			55			56			57			58			59			60		
	C _{0.17}	A _{0.57}	A _{1.20}	C _{2.33}	T _{0.27}	C _{0.31}	C _{0.62}	T _{0.41}	C _{0.32}	A _{0.95}	T _{1.01}	T _{0.58}	T _{1.71}	A _{2.59}	T _{0.41}	G _{0.65}	A _{0.59}	A _{1.54}	A _{0.66}	C _{2.53}	T _{0.21}	G _{0.08}	A _{0.59}	C _{0.16}	A _{0.66}	A _{1.06}	G _{1.22}	C _{3.29}	T _{0.16}	G _{0.59}	C _{0.41}	C _{0.31}	C _{0.47}	T _{0.41}	C _{0.35}	A _{0.67}	G _{0.08}	G _{0.65}	G _{2.48}	A _{0.51}	T _{1.17}	T _{0.41}	C _{1.63}	C _{0.39}	C _{0.38}
	0.03119			0.77915			0.89821			0.75535			0.68512			0.83414			0.04817			0.05641			0.75555			0.93848			0.92723			0.94522			0.92208			0.81469			0.81705		