

1B2530 UCA	Q			S			V			L			T			Q			P			P			S			A			S			G			T			P			G		
	1			2			3			4			5			6			7			8			9			10			11			12			13			14			15		
	C N/A	A N/A	G 0.82	T 0.35	C 0.22	T 0.45	G 1.11	T 0.60	G 0.64	C 0.84	T 0.19	G 0.08	A 0.79	C 0.44	T 0.45	C 0.35	A 1.05	G 0.21	C 1.79	C 0.15	A 0.93	C 0.20	C 0.31	C 0.47	T 0.41	C 0.35	A 1.05	G 0.66	C 3.26	G 0.44	T 0.46	C 0.22	T 0.48	G 0.18	G 0.65	G 0.22	A 0.62	C 0.41	C 0.54	C 0.08	C 0.19	C 0.09	G 0.06	G 0.18	G 9.28
1B2530	Q			S			A			L			T			Q			P			P			S			A			S			G			A			P			G		
	1			2			3			4			5			6			7			8			9			10			11			12			13			14			15		
	C N/A	A N/A	G 0.82	T 0.35	C 0.22	T 0.89	G 0.16	C 1.33	C 0.10	C 0.22	C 0.38	G 0.08	A 0.79	C 0.44	T 0.45	C 0.35	A 1.05	G 0.21	C 1.79	C 0.15	A 0.93	C 0.20	C 0.31	C 0.47	T 0.41	C 0.35	A 1.05	G 0.66	C 3.26	G 0.44	T 0.46	C 0.22	T 0.48	G 0.18	G 0.14	G 0.06	G 0.19	C 0.15	C 0.10	C 0.08	C 0.19	C 0.09	G 0.06	G 0.18	G 9.28
	0.63831			0.86720			0.04276			0.86021			0.78258			0.75248			0.68207			0.88392			0.89261			0.47523			0.86073			0.84534			0.06713			0.93495			0.88095		



1B2530 UCA	S			N			Y			V			Y			W			Y			Q			Q			L			P			G			T			A			P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	A	G	T	A	A	T	T	A	T	G	T	A	T	A	C	T	G	3.41	2.87	A	C	1.74	0.56	0.72	G	C	A	G	4.23	0.26	2.21	1.55	C	0.37	0.36	C	0.49	C	0.18	0.55	0.64	0.51	A	1.35	1.89	0.13	G	0.75	C	0.15	C	0.10	0.08	C	0.18	C	0.17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	G	G	C	A	A	T	T	A	T	G	T	C	T	A	C	T	G	3.41	2.02	3.49	0.55	C	G	G	C	A	G	T	T	T	C	C	A	G	G	G	C	A	C	G	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

1B2530 UCA	K			L			L			I			Y			R			N			N			Q			R			P			S			G			V			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	C 3.02	T 1.23	A 1.76	G 0.70	G 0.51	A 1.05	C 2.56	T 1.14	A 1.22	C 2.26	T 0.68	C 0.73	A 1.05	G 0.66	C 2.53	G 0.28	G 0.75	C 0.15	C 0.10	C 0.47	T 0.41	C 0.35	A 0.67	G 0.08	G 0.13	G 0.48	G 0.17	T 0.40	C 0.37	C 0.32	C 0.22	C 0.38
1B2530	T			L			L			I			L			R			D			D			Q			R			P			S			G			V			P		
	46			47			48			49			50			51			52			53			54			55			56			57			58			59			60		
	A 0.84	C 0.64	G 3.45	C 0.52	T 0.37	C 0.31	C 0.62	T 0.41	C 0.32	A 1.51	T 0.46	C 2.33	C 0.90	T 0.62	T 0.40	C 0.55	G 0.17	A 1.15	G 1.42	C 0.65	T 0.88	G 0.16	C 0.65	C 0.68	C 0.56	G 0.72	G 0.66	C 2.53	G 0.28	G 0.75	C 0.15	C 0.10	C 0.47	T 0.41	C 0.35	A 0.67	G 0.08	G 0.13	G 0.48	G 0.17	T 0.40	C 0.37	C 0.32	C 0.22	C 0.38
	0.09002			0.63999			0.80893			0.58679			0.02157			0.66127			0.05396			0.08425			0.69390			0.68492			0.93504			0.89393			0.95111			0.86628			0.88673		

1B2530 UCA	D			R		
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