

1-18 UCA	Q		V		Q		L		V		Q		S		G		A		E		V		K		K		P		G	
	1		2		3		4		5		6		7		8		9		10		11		12		13		14		15	
	N/A	G	G	T	G	C	A	G	C	T	G	G	T	G	C	A	G	T	G	G	C	T	G	A	G	T	G	A	G	G
1-18	Q	G	R	L	F	Q	S	G	A	E	V	K	R	P	G															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15															
	C	A	G	G	T	C	G	T	T	G	T	C	G	G	G	C	A	G	G	T	C	A	G	A	G	C	T	G	G	

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1-18 UCA	A		S		V		K		V		S		C		K		A		-		-		-		-		-			
	16		17		18		19		20		21		22		23		24		25		26		27		28		29		30	
	G	C	C	T	C	A	G	T	G	A	G	G	T	T	C	C	T	G	C	A	G	T	C	-	N/A	N/A	N/A	N/A	N/A	N/A
1-18	A	S	V	R	I	S	C	R	A	D	D	D	P	Y	T															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30															
	G	C	C	T	C	A	G	T	G	A	G	G	T	C	C	T	G	A	C	G	A	C	C	C	T	A	C	C		

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1-18 UCA	-		G		Y		T		F		T		S		Y		Y		M		H		W		V		R		Q				
	31		32		33		34		35		36		37		38		39		40		41		42		43		44		45				
	-	N/A	T	G	G	A	T	2.85	2.03	C	0.70	A	C	G	0.58	C	0.82	T	0.62	T	0.43	C	0.54	A	0.86	T	0.47	C	0.56	A	0.94	C	0.15
1-18	D	D	D	T	F	T	K	Y	W	T	H	W	I	R	Q																		
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45																		
	G	A	C	G	A	C	G	A	C	G	A	C	G	A	C	G	A	C	G	A	C	G	A	C	G	A	C	G	A	C			

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1-18 UCA	A		P		G		Q		G		L		E		W		M		G		I		I		N		P		S	
	46		47		48		49		50		51		52		53		54		55		56		57		58		59		60	
	G	C	C	T	G	G	A	T	G	A	C	G	C</																	