

	C	U	U	G	U	U	U	A	C	G	G	A	C	A	G	U	U	U	U	C	G	A	C	C	C	G	G	A	C	G			
0	C	0	0	1	1	1	1	2	2	3	3	3	3	4	5	5	5	5	5	6	6	6	7	7	7	8	8	8	9	9			
1	U	0	0	0	0	0	0	1	2	2	2	3	3	4	4	4	4	4	5	5	6	6	7	7	7	7	8	8	8	9			
2	U		0	0	0	0	0	1	2	2	2	3	3	4	4	4	4	4	5	5	6	6	7	7	7	7	8	8	8	9			
3	G			0	0	0	0	1	2	2	2	2	3	3	3	3	3	3	4	5	5	5	6	7	7	7	7	7	8	9			
4	U				0	0	0	1	1	1	1	1	2	2	3	3	3	3	4	5	5	5	6	6	7	7	7	7	7	8			
5	U					0	0	0	0	0	0	1	1	2	2	3	3	3	4	5	5	5	5	5	6	6	7	7	7	7			
6	U						0	0	0	0	0	1	1	2	2	3	3	3	4	5	5	5	5	5	6	6	7	7	7	7			
7	A							0	0	0	0	1	1	2	2	3	3	3	4	4	4	4	5	5	6	6	6	6	6	7			
8	C								0	0	0	0	1	1	2	2	2	2	3	4	4	4	5	5	6	6	6	6	6	7			
9	G									0	0	0	1	1	1	1	2	2	3	4	4	4	5	5	5	5	5	6	6	7			
10	G										0	0	0	0	0	1	1	2	2	3	3	4	4	4	4	4	5	5	6	6			
11	A											0	0	0	0	1	1	2	2	2	3	3	3	3	4	4	5	5	5	5			
12	C												0	0	0	0	1	1	1	1	2	2	2	2	3	4	4	4	5	5			
13	A													0	0	0	0	1	1	1	1	2	2	2	2	3	4	4	4	4			
14	G														0	0	0	0	0	1	1	2	2	2	2	3	4	4	4	4			
15	U															0	0	0	0	0	0	1	1	1	1	2	3	3	3	3			
16	U																0	0	0	0	0	1	1	1	1	2	3	3	3	3			
17	U																	0	0	0	0	1	1	1	1	2	3	3	3	3			
18	U																		0	0	0	1	1	1	1	2	3	3	3	3			
19	C																			0	0	0	0	1	2	2	2	2	3	3			
20	G																				0	0	0	1	1	1	1	2	3	3			
21	A																					0	0	0	0	1	1	1	1	2	3		
22	C																						0	0	0	1	1	1	1	2	3		
23	C																							0	0	0	1	1	1	1	2	3	
24	C																								0	0	0	0	1	1	2	3	
25	G																									0	0	0	1	1	2	3	
26	G																										0	0	0	0	0	0	
27	A																											0	0	0	0	0	
28	C																												0	0	0	0	
29	G																													0	0	0	0

	U	U	U	A	U	A	C	A	A	A	C	U	U	U	U	C	U	G	C	G	C	G	G	A	C	G	G	C	G	C								
0	U	0	0	1	1	1	1	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	7	8	8	8	8	9	9	10								
1	U	0	0	0	1	1	1	2	2	3	3	3	4	4	4	4	5	5	5	5	6	7	7	7	8	8	8	9	9	9								
2	U		0	0	0	0	0	1	1	1	1	2	2	3	3	4	4	4	4	5	6	6	7	7	7	8	8	9	9	9								
3	A			0	0	0	0	1	1	1	1	2	2	3	3	4	4	4	4	5	6	6	7	7	7	8	8	9	9	9								
4	U				0	0	0	1	1	1	1	2	2	3	3	3	4	4	4	4	5	5	6	7	7	7	8	8	9	9								
5	A					0	0	0	0	0	0	1	2	3	3	4	4	4	4	5	6	6	6	6	6	7	8	8	9	9								
6	C						0	0	0	0	0	1	2	2	3	3	4	4	4	4	5	6	6	6	6	7	8	8	9	9								
7	A							0	0	0	0	1	2	2	3	3	3	3	4	4	4	4	5	5	6	6	7	8	8	8								
8	A								0	0	0	1	1	2	2	2	2	2	3	3	4	4	4	5	5	5	6	7	7	7								
9	A									0	0	0	1	1	1	1	1	1	2	2	3	3	4	4	4	4	5	6	6	6								
10	C										0	0	0	0	0	0	1	1	1	1	2	3	3	3	4	4	5	5	5	5								
11	U											0	0	0	0	0	0	0	0	1	1	2	3	3	3	4	5	5	5	5								
12	U												0	0	0	0	0	0	0	1	1	2	2	3	3	4	5	5	5	5								
13	U													0	0	0	0	0	0	1	1	2	2	3	3	4	5	5	5	5								
14	U														0	0	0	0	0	1	1	2	2	3	3	4	5	5	5	5								
15	C															0	0	0	0	1	1	2	2	3	3	4	5	5	5	5								
16	U																0	0	0	0	1	1	1	2	2	3	4	4	4	4	5							
17	G																	0	0	0	1	1	1	1	2	3	4	4	4	4	5							
18	C																		0	0	0	1	1	1	1	2	3	4	4	4	4							
19	G																				0	0	0	1	2	3	3	3	3	3	3							
20	C																					0	0	0	1	2	2	2	2	2	3							
21	G																						0	0	0	1	1	1	1	1	2	3						
22	G																							0	0	0	0	1	1	1	2	3						
23	A																								0	0	0	0	1	1	1	2	3					
24	C																									0	0	0	0	1	1	1	2	3				
25	G																										0	0	0	0	1	1	2	3				
26	G																											0	0	0	0	1	1	2	3			
27	C																												0	0	0	0	1	1	2	3		
28	G																													0	0	0	0	1	1	2	3	
29	C																														0	0	0	0	1	1	2	3

