

	Non-Conserved			A24			P25			V29		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
A	0.15	0.45	0.00	0.15	0.45	0.00	0.05	0.20	0.00	0.00	0.00	0.00
C	0.15	0.15	0.45	0.15	0.30	0.45	0.65	0.65	0.45	0.00	0.50	0.00
G	0.25	0.25	0.10	0.25	0.15	0.10	0.05	0.05	0.10	0.50	0.00	1.00
T	0.45	0.15	0.45	0.45	0.10	0.45	0.25	0.10	0.45	0.50	0.50	0.00

Y31			G52			S53 / S55			K54			
1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st
0.00	0.50	0.00	0.10	0.10	0.00	0.10	0.10	0.00	0.25	0.25	0.00	0.70
0.00	0.50	0.00	0.10	0.10	0.33	0.10	0.70	0.33	0.25	0.25	0.33	0.10
0.00	0.00	0.00	0.70	0.70	0.33	0.10	0.10	0.33	0.25	0.25	0.33	0.10
1.00	0.00	1.00	0.10	0.10	0.33	0.70	0.10	0.33	0.25	0.25	0.33	0.10

T56		G77 / G79		
2nd	3rd	1st	2nd	3rd
0.10	0.00	0.15	0.40	0.00
0.70	0.33	0.10	0.10	0.45
0.10	0.33	0.35	0.35	0.10
0.10	0.33	0.40	0.15	0.45