

G1	-	G	A	T	G	G	G	G	A	G	A	C	G	C	C	A	A	T	A	T	T	A	A	C	G	T	G	C	A	G					
G2	-	G	A	T	A	CC	GA	G	G	A	G	A	C	G	C	C	GA	C	A	C	TA	G	T	A	TA	C	A	C	G	C	TA	G	C	A	G
G3	-	G	A	T	A	C	A	G	A	G	A	C	G	C	G	C	A	A	C	G	T	A	C	A	C	G	C	A	C	A	G				
G4	-	G	A	T	G	G	G	GA	G	A	C	G	C	C	A	A	T	A	T	T	A	A	C	G	T	G	C	A	G						
G5	G	G	CA	T	G	GA	GA	GA	CA	A	C	G	C	C	A	A	T	A	T	T	A	AA	C	CG	TT	TG	C	A	G	G					
G6	-	C	G	A	T	G	GA	GA	GA	GA	A	G	C	G	C	C	A	A	T	A	T	T	A	A	A	C	G	C	T	G	C	A	-	G	
G7	-	G	A	TA	CG	GA	CG	CA	AG	A	C	G	CC	CABA	CAC	TATA	GTA	TATA	CA	C	GC	TATG	CC	A	G										
G8	G	G	CA	TA	CG	GA	GA	GA	CA	A	C	G	CC	CABA	CAC	TATA	GTA	TATA	CA	A	C	CG	ATG	CC	A	G	G								
G9	-	G	A	T	G	G	G	G	A	G	A	C	G	C	C	A	A	T	A	T	T	A	A	C	G	C	T	G	C	T	A	G			
G10	-	G	A	T	A	C	A	G	A	G	A	C	G	C	G	C	A	A	C	G	T	A	C	A	G	C	G	C	A	C	A	G			
G11	-	G	A	T	A	CC	GA	G	G	A	G	A	C	G	C	C	GA	C	A	C	TA	G	T	A	TA	CA	G	C	G	C	TA	G	C	A	G
G12	-	G	A	T	G	G	G	GA	A	G	A	C	G	C	C	A	A	T	A	T	T	A	A	C	G	C	T	G	C	CA	A	G			
G13	-	G	A	T	-	G	-	G	G	A	G	A	C	G	C	C	A	A	T	A	T	T	A	A	C	G	T	G	C	A	C	G			
G14	-	G	A	T	A	C	A	G	A	G	A	C	G	C	G	C	A	A	C	G	T	A	C	A	C	G	CA	G	C	A	G				
G15	-	G	A	A	CA	CA	CA	GA	A	G	A	C	G	C	GA	CC	C	CG	TA	AA	CT	CA	C	G	AT	CC	CA	A	G						
G16	-	G	A	TA	CG	GA	CG	GA	A	G	A	C	G	CC	CABA	CAC	TATA	GTA	TATA	CA	C	GC	ATG	CC	A	G									
G17	-	G	A	T	G	G	G	GA	A	G	A	C	G	C	C	A	A	T	A	T	T	A	A	C	G	T	G	CA	A	G					
G18	C	G	G	A	A	CG	GA	GA	GA	GA	A	A	G	G	C	CABA	C	TATA	TA	TATA	CA	C	C	CG	ATG	TG	G	A	G	G	G				
G19	-	G	G	A	T	G	G	CG	GA	A	C	G	C	C	A	A	T	A	T	T	A	A	C	G	T	G	C	AC	G	G					
		4	38	42	45	46	85	94	97	98	109	111	120	125	127	129	138	154	155	156	163	164	213	224	237	267	270	279	297	298					