Table S1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
Position	870	3006	5496	11660	14776	18160	20419	24731	25000	27608	28519	31068	32609	33015	33020	47414	48253	48506	48510	50492	51916	54776	56003	63861	64899	81173	81747	84512	91554	110364	113853	115074	141280	141302	141327	151674	180053	190180	200211	203969	206000	214836	215386	215387	215388	215389	215390	215391	215392	215393	215394	215395	215396	215397	215398	215399	215400	215401	215402	215403	215404	215405	215406	215407	215408	215409	215410	215411	215412	215413	215414	215415	215416	215417	215418	215419	215420	215421	215422	215423	215424
Strain	Ref	Ref420	Ref4950	Ref7086	Ref7570	Ref9536	Ref9755	Ref10730	Ref10756	Ref10836	Ref10837	Ref11537	Ref11718	Ref11750	Ref11751	Ref11752	Ref12026	Ref12027	Ref12028	Ref12029	Ref12030	Ref12031	Ref12032	Ref12033	Ref12034	Ref12035	Ref12036	Ref12037	Ref12038	Ref12039	Ref12040	Ref12041	Ref12042	Ref12043	Ref12044	Ref12045	Ref12046	Ref12047	Ref12048	Ref12049	Ref12050	Ref12051	Ref12052	Ref12053	Ref12054	Ref12055	Ref12056	Ref12057	Ref12058	Ref12059	Ref12060	Ref12061	Ref12062	Ref12063	Ref12064	Ref12065	Ref12066	Ref12067	Ref12068	Ref12069	Ref12070	Ref12071	Ref12072	Ref12073	Ref12074	Ref12075	Ref12076	Ref12077	Ref12078	Ref12079	Ref12080	Ref12081	Ref12082	Ref12083	Ref12084	Ref12085	Ref12086	Ref12087	Ref12088	Ref12089	Ref12090	Ref12091	Ref12092	Ref12093	Ref12094	Ref12095	Ref12096
	Ref	Ref420	Ref4950	Ref7086	Ref7570	Ref9536	Ref9755	Ref10730	Ref10756	Ref10836	Ref10837	Ref11537	Ref11718	Ref11750	Ref11751	Ref11752	Ref12026	Ref12027	Ref12028	Ref12029	Ref12030	Ref12031	Ref12032	Ref12033	Ref12034	Ref12035	Ref12036	Ref12037	Ref12038	Ref12039	Ref12040	Ref12041	Ref12042	Ref12043	Ref12044	Ref12045	Ref12046	Ref12047	Ref12048	Ref12049	Ref12050	Ref12051	Ref12052	Ref12053	Ref12054	Ref12055	Ref12056	Ref12057	Ref12058	Ref12059	Ref12060	Ref12061	Ref12062	Ref12063	Ref12064	Ref12065	Ref12066	Ref12067	Ref12068	Ref12069	Ref12070	Ref12071	Ref12072	Ref12073	Ref12074	Ref12075	Ref12076	Ref12077	Ref12078	Ref12079	Ref12080	Ref12081	Ref12082	Ref12083	Ref12084	Ref12085	Ref12086	Ref12087	Ref12088	Ref12089	Ref12090	Ref12091	Ref12092	Ref12093	Ref12094	Ref12095	Ref12096	Depth of Isolation	Consensus
1	7198/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	A	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	08/99	GCACCCATTCCCGCTTGAGATCACCTTCCCGCGGTCTACGTGACGCCGCGGGCCCCAACACCGGTGGGGGCCGGGCACGGACGCGA
2	10471/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	A	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	11/07	GCACCCATTCCCGCTTGAGATCACCTTCCCGCTCACGCCGCGGGCCCCAACACCGGTGGGGGCCGGGCACGGACGCGA
3	3670/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	A	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	02/07	GCACCCATTCCCGCTTGAGATCACCTTCCCGCGGTCTACGTGACGCCGCGGGCCCCAACACCGGTGGGGGCCGGGCACGGACGCGA
4	7570/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	A	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	04/07	GCACCCATTCCCGCTTGAGATCACCTTCCCGCGGTCTACGTGACGCCGCGGGCCCCAACACCGGTGGGGGCCGGGCACGGACGCGA
5	9555/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	A	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	05/08
6	7997/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	A	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/08
7	7761/01	G	C	A	C	C	C	A	T	T	C	C	C	T	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	T	C	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	01/01
8	9916/07	G	C	A	C	C	C	A	T	T	C	C	C	T	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	T	C	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/07
9	1857/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	T	A	A	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	02/08
10	4305/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	04/08
11	1838/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	12/07
12	9465/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/08
13	8855/98	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	10/98
14	1147/98	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	12/98
15	10921/97	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	11/97
16	5390/98	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	12/98
17	4283/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	05/99
18	5113/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	06/99
19	5982/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	06/99
20	8349/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	08/99
21	7196/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	T	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	08/99
22	9752/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	T	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	11/99
23	704/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	08/99
24	158/00	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	01/00
25	523/01	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	A	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	01/01
26	6056/00	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/00
27	9538/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	10/99
28	8496/99	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	08/99
29	10072/00	G	C	A	C	C	C	T	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/00
30	10566/00	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	12/00
31	4176/00	G	C	A	T	C	C	A	C	T	T	C	C	G	C	C	T	G	T	A	G	A	T	C	G	C	C	C	G	T	C	C	G	C	G	G	C	G	T	G	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	05/00
32	4605/01	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	05/01
33	5694/01	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	03/01
34	5487/01	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	T	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	02/01
35	4123/02	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	04/02
36	7205/02	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	04/02
37	4213/02	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	04/02
38	8855/02	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	09/02
39	9824/02	G	C	A	C	C	C	A	C	T	C	C	C	G	C	C	T	G	T	A	G	A	G	C	A	C	C	C	G	T	C	A	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	09/02
40	896/03	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	T	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	02/03
41	1046/03	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/03
42	1978/03	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/03
43	2382/04	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	G	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	03/04
44	3610/04	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	03/04
45	8782/04	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	10/04
46	4993/05	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	06/05
47	7196/05	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	09/05
48	2653/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	04/08
49	151/09	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	01/08
50	2690/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	03/08
51	5277/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	06/08
52	7440/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	08/08
53	8195/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	09/08
54	2000/09	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	01/09
55	2001/09	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	01/09
56	2645/09	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	02/09
57	3445/09	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	03/09
58	3320/09	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	03/09
59	6025/06	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	11/06
60	6257/00	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/00
61	5270/06	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	06/06
62	5767/06	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	07/06
63	8749/06	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	10/06
64	1032/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	12/06
65	1125/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	02/07
66	4242/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	05/07
67	446/07	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	01/07
68	985/08	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A	C	G	A	C	G	C	G	C	C	C	C	A	C	G	G	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	08/08
69	1414/09	G	C	A	C	C	C	A	T	T	C	C	C	G	C	C	T	G	G	A	G	A	T	C	A	C	C	C	G	T	C	C	G	C	G	G	C	G	T	C	T	C	A