

Supplemental Material to:

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**Identification of RNA partners of viral
proteins in infected cells**

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Supplementary Table 1 Normalized read counts at all positions of MV genome

genome	base	position	MV-N/RNA (A)	CH/RNA (B)	adjpAB
MV_Schw	A	1	4	0	1
MV_Schw	C	2	4	0	1
MV_Schw	C	3	2	0	1
MV_Schw	A	4	2	0	1
MV_Schw	NA	5	0	0	NA
MV_Schw	NA	6	0	0	NA
MV_Schw	NA	7	0	0	NA
MV_Schw	NA	8	0	0	NA
MV_Schw	NA	9	0	0	NA
MV_Schw	A	10	2	0	1
MV_Schw	G	11	23	0	1
MV_Schw	T	12	2	0	1
MV_Schw	T	13	2	0	1
MV_Schw	G	14	4	0	1
MV_Schw	G	15	6	0	1
MV_Schw	G	16	12	0	1
MV_Schw	T	17	23	0	1
MV_Schw	A	18	8	0	1
MV_Schw	A	19	8	0	1
MV_Schw	G	20	488	3	0.0191997322596453
MV_Schw	G	21	271	1	0.0497714824581606
MV_Schw	A	22	50	0	0.950262622850522
MV_Schw	T	23	21	0	1
MV_Schw	A	24	52	0	0.950262622850522
MV_Schw	G	25	1886	4	5.56069654257243e-16
MV_Schw	T	26	101	1	1
MV_Schw	T	27	10	0	1
MV_Schw	C	28	337	0	0.00131350930751039
MV_Schw	A	29	149	1	0.88950624150852
MV_Schw	A	30	174	1	0.344829637188882
MV_Schw	T	31	56	0	0.950262622850522
MV_Schw	C	32	607	0	4.48165858664599e-07
MV_Schw	A	33	23	0	1
MV_Schw	A	34	10	0	1

MV_Schw	T	35	143	0	0.161503851613234
MV_Schw	G	36	35	0	1
MV_Schw	A	37	48	0	0.950262622850522
MV_Schw	T	38	39	0	1
MV_Schw	C	39	10	0	1
MV_Schw	A	40	35	0	1
MV_Schw	T	41	23	0	1
MV_Schw	C	42	151	0	0.166500460032885
MV_Schw	T	43	172	1	0.342651296301386
MV_Schw	T	44	8	0	1
MV_Schw	C	45	109	0	0.381672248067152
MV_Schw	T	46	14	0	1
MV_Schw	A	47	23	0	1
MV_Schw	G	48	192	0	0.0637677617687036
MV_Schw	T	49	52	1	1
MV_Schw	G	50	52	0	0.950262622850522
MV_Schw	C	51	4	0	1
MV_Schw	A	52	21	0	1
MV_Schw	C	53	50	0	0.950262622850522
MV_Schw	T	54	120	1	0.789229943133706
MV_Schw	T	55	174	1	0.648224297390367
MV_Schw	A	56	10	0	1
MV_Schw	G	57	27	1	1
MV_Schw	G	58	14	0	1
MV_Schw	A	59	35	0	1
MV_Schw	NA	60	0	0	NA
MV_Schw	T	61	138	1	0.673422966374487
MV_Schw	C	62	182	0	0.060993248324147
MV_Schw	A	63	17	1	0.983041048229953
MV_Schw	A	64	68	0	0.789229943133706
MV_Schw	G	65	219	1	0.355607115956135
MV_Schw	A	66	70	0	0.789229943133706
MV_Schw	T	67	52	0	0.950262622850522
MV_Schw	C	68	56	1	1
MV_Schw	C	69	436	2	0.016883608592996
MV_Schw	T	70	54	0	0.950262622850522

MV_Schw	A	71	48	0	0.950262622850522
MV_Schw	T	72	60	0	0.957721317456694
MV_Schw	T	73	12	0	1
MV_Schw	A	74	182	3	1
MV_Schw	T	75	45	1	1
MV_Schw	C	76	242	4	1
MV_Schw	A	77	174	1	0.344829637188882
MV_Schw	G	78	227	4	1
MV_Schw	G	79	149	6	0.32892003839023
MV_Schw	G	80	254	6	1
MV_Schw	A	81	29	3	0.0435098404838992
MV_Schw	C	82	202	7	0.463720798159947
MV_Schw	A	83	12	0	1
MV_Schw	A	84	8	0	1
MV_Schw	G	85	362	11	0.638894311640422
MV_Schw	A	86	109	3	0.950262622850522
MV_Schw	G	87	1382	43	0.0323121040101114
MV_Schw	C	88	347	11	0.419231414474137
MV_Schw	A	89	56	2	0.968890372475178
MV_Schw	G	90	231	2	0.63332687953074
MV_Schw	G	91	112	1	1
MV_Schw	A	92	238	2	0.527222494111535
MV_Schw	T	93	48	1	1
MV_Schw	T	94	122	5	0.508699586088801
MV_Schw	A	95	33	0	1
MV_Schw	G	96	1120	27	0.825075547319792
MV_Schw	G	97	630	7	0.219767383050150
MV_Schw	G	98	291	1	0.0263398139691685
MV_Schw	A	99	6	0	1
MV_Schw	T	100	8	0	1
MV_Schw	A	101	188	5	0.950262622850522
MV_Schw	T	102	159	3	1
MV_Schw	C	103	1475	32	1
MV_Schw	C	104	236	4	1
MV_Schw	G	105	242	3	0.996771597822493
MV_Schw	A	106	136	0	0.224063006917908

MV_Schw	G	107	1238	5	4.76102527336292e-08
MV_Schw	A	108	50	0	0.950262622850522
MV_Schw	T	109	273	3	0.596471827524582
MV_Schw	G	110	155	1	0.88950624150852
MV_Schw	G	111	215	2	0.737839609011326
MV_Schw	C	112	667	4	0.00570423707212249
MV_Schw	C	113	1116	9	0.00229312434114960
MV_Schw	A	114	446	1	0.000637112445821459
MV_Schw	C	115	293	2	0.302665612003202
MV_Schw	A	116	62	1	1
MV_Schw	C	117	525	7	0.789229943133706
MV_Schw	T	118	291	6	1
MV_Schw	T	119	12	1	0.88950624150852
MV_Schw	T	120	31	0	1
MV_Schw	T	121	281	3	0.599922780592998
MV_Schw	A	122	225	1	0.359577424226080
MV_Schw	A	123	171	3	1
MV_Schw	G	124	362	5	0.983041048229953
MV_Schw	G	125	62	1	1
MV_Schw	A	126	4	0	1
MV_Schw	G	127	165	1	0.444605338381727
MV_Schw	C	128	99	1	1
MV_Schw	T	129	122	1	0.791667533131283
MV_Schw	T	130	134	3	1
MV_Schw	A	131	29	0	1
MV_Schw	G	132	196	3	1
MV_Schw	C	133	79	2	1
MV_Schw	A	134	107	2	1
MV_Schw	T	135	19	1	1
MV_Schw	T	136	8	1	0.789229943133706
MV_Schw	G	137	163	3	1
MV_Schw	T	138	39	1	0.9314909603024
MV_Schw	T	139	14	0	1
MV_Schw	C	140	97	1	0.944879389258477
MV_Schw	A	141	37	1	1
MV_Schw	A	142	254	1	0.066634567324381

MV_Schw	A	143	219	0	0.0328674635647276
MV_Schw	A	144	167	0	0.124094801360285
MV_Schw	G	145	514	2	0.00374831899291936
MV_Schw	A	146	23	0	1
MV_Schw	A	147	62	0	0.789229943133706
MV_Schw	A	148	143	1	0.542465567021569
MV_Schw	C	149	640	5	0.0585037343984814
MV_Schw	A	150	31	0	1
MV_Schw	A	151	33	0	1
MV_Schw	G	152	1432	9	6.13948733043261e-06
MV_Schw	G	153	182	1	0.277229700444564
MV_Schw	A	154	19	0	1
MV_Schw	C	155	353	2	0.089478331324259
MV_Schw	A	156	114	1	0.789229943133706
MV_Schw	A	157	103	1	1
MV_Schw	A	158	374	3	0.335229748200011
MV_Schw	C	159	2025	13	2.35504949300239e-08
MV_Schw	C	160	227	1	0.121406033612864
MV_Schw	A	161	23	0	1
MV_Schw	C	162	422	3	0.073283477888091
MV_Schw	C	163	211	4	1
MV_Schw	C	164	134	0	0.222853068696264
MV_Schw	A	165	341	1	0.047574147684283
MV_Schw	T	166	37	0	1
MV_Schw	T	167	35	0	1
MV_Schw	A	168	39	0	1
MV_Schw	C	169	271	1	0.187874728258615
MV_Schw	A	170	81	0	0.641186461810141
MV_Schw	T	171	281	1	0.141049492085993
MV_Schw	C	172	207	0	0.0469760201915419
MV_Schw	A	173	48	1	1
MV_Schw	G	174	231	3	1
MV_Schw	G	175	45	2	0.65158773158174
MV_Schw	A	176	453	5	0.528591092326266
MV_Schw	T	177	91	1	1
MV_Schw	C	178	56	1	1

MV_Schw	C	179	149	1	0.88950624150852
MV_Schw	G	180	578	12	1
MV_Schw	G	181	663	10	0.835594358409786
MV_Schw	T	182	446	6	0.789229943133706
MV_Schw	G	183	99	3	1
MV_Schw	G	184	262	5	1
MV_Schw	A	185	48	1	1
MV_Schw	G	186	329	9	0.789229943133706
MV_Schw	C	187	157	5	0.634563222137982
MV_Schw	C	188	78	1	1
MV_Schw	A	189	176	5	1
MV_Schw	T	190	27	0	1
MV_Schw	C	191	368	11	0.746970975838775
MV_Schw	A	192	62	3	0.57780206681461
MV_Schw	G	193	963	22	1
MV_Schw	A	194	29	1	1
MV_Schw	G	195	601	22	0.0330486922238644
MV_Schw	G	196	163	8	0.0975104748468945
MV_Schw	A	197	25	1	1
MV_Schw	A	198	178	5	1
MV_Schw	T	199	58	2	0.98139756833885
MV_Schw	C	200	419	10	1
MV_Schw	A	201	138	3	1
MV_Schw	A	202	107	3	1
MV_Schw	A	203	401	7	1
MV_Schw	C	204	1297	41	0.030930043514711
MV_Schw	A	205	10	0	1
MV_Schw	C	206	159	7	0.152879709792478
MV_Schw	A	207	27	1	1
MV_Schw	T	208	62	1	1
MV_Schw	T	209	33	0	1
MV_Schw	A	210	19	1	0.57780206681461
MV_Schw	T	211	89	2	1
MV_Schw	T	212	17	2	0.190596323698557
MV_Schw	A	213	151	3	1
MV_Schw	T	214	58	1	1

MV_Schw	A	215	16	1	0.483965165529824
MV_Schw	G	216	190	3	1
MV_Schw	T	217	78	1	1
MV_Schw	A	218	17	1	0.983041048229953
MV_Schw	C	219	190	4	1
MV_Schw	C	220	64	0	0.789229943133706
MV_Schw	A	221	545	7	0.528869794103543
MV_Schw	A	222	99	3	1
MV_Schw	T	223	120	1	0.789229943133706
MV_Schw	C	224	149	3	1
MV_Schw	C	225	132	1	0.983041048229953
MV_Schw	C	226	250	5	1
MV_Schw	T	227	207	2	0.734151152837751
MV_Schw	G	228	1124	11	0.0202752911466465
MV_Schw	G	229	316	4	0.865570305903631
MV_Schw	A	230	171	5	0.789229943133706
MV_Schw	G	231	149	3	1
MV_Schw	A	232	19	0	1
MV_Schw	T	233	23	0	1
MV_Schw	T	234	29	0	1
MV_Schw	C	235	163	3	1
MV_Schw	C	236	655	8	0.398157304659458
MV_Schw	T	237	35	0	1
MV_Schw	C	238	266	2	0.444605338381727
MV_Schw	A	239	95	1	1
MV_Schw	A	240	62	1	1
MV_Schw	T	241	37	0	1
MV_Schw	T	242	109	1	0.947544583923452
MV_Schw	A	243	10	0	1
MV_Schw	C	244	74	1	1
MV_Schw	C	245	64	0	0.789229943133706
MV_Schw	A	246	200	3	1
MV_Schw	C	247	128	1	0.658415249679101
MV_Schw	T	248	39	0	1
MV_Schw	C	249	16	0	1
MV_Schw	G	250	62	0	0.789229943133706

MV_Schw	A	251	29	1		1
MV_Schw	T	252	60	2	0.983041048229953	
MV_Schw	C	253	48	0	0.950262622850522	
MV_Schw	C	254	64	0	0.789229943133706	
MV_Schw	A	255	10	0		1
MV_Schw	G	256	47	1		1
MV_Schw	A	257	165	1	0.786994490087255	
MV_Schw	C	258	23	0		1
MV_Schw	T	259	8	0		1
MV_Schw	T	260	37	0		1
MV_Schw	C	261	14	0		1
MV_Schw	T	262	21	0		1
MV_Schw	G	263	62	2	0.991517221373143	
MV_Schw	G	264	70	1		1
MV_Schw	A	265	12	1	0.88950624150852	
MV_Schw	C	266	8	0		1
MV_Schw	C	267	70	0	0.789229943133706	
MV_Schw	G	268	54	1		1
MV_Schw	G	269	64	1		1
MV_Schw	T	270	2	0		1
MV_Schw	T	271	29	1		1
MV_Schw	G	272	45	1		1
MV_Schw	G	273	58	1		1
MV_Schw	T	274	16	1	0.950262622850522	
MV_Schw	G	275	56	0	0.950262622850522	
MV_Schw	A	276	2	0		1
MV_Schw	G	277	161	5	0.934340244643933	
MV_Schw	G	278	289	4		1
MV_Schw	T	279	6	0		1
MV_Schw	T	280	21	0		1
MV_Schw	A	281	21	1		1
MV_Schw	A	282	91	1		1
MV_Schw	T	283	112	1	0.789229943133706	
MV_Schw	T	284	211	1	0.445919862395878	
MV_Schw	G	285	128	1		1
MV_Schw	G	286	64	1		1

MV_Schw	A	287	17	0		1
MV_Schw	A	288	47	0		1
MV_Schw	A	289	31	0		1
MV_Schw	C	290	99	1	0.944879389258477	
MV_Schw	C	291	54	1		1
MV_Schw	C	292	186	4		1
MV_Schw	G	293	417	5	0.787941847439366	
MV_Schw	G	294	120	2		1
MV_Schw	A	295	95	5	0.244569722692791	
MV_Schw	T	296	47	1		1
MV_Schw	G	297	50	1		1
MV_Schw	T	298	14	1	0.944879389258477	
MV_Schw	G	299	39	1	0.9314909603024	
MV_Schw	A	300	109	2		1
MV_Schw	G	301	934	12	0.263036539360682	
MV_Schw	C	302	316	2	0.191903929734333	
MV_Schw	G	303	359	11	0.634563222137982	
MV_Schw	G	304	109	1		1
MV_Schw	G	305	421	4	0.313226962785756	
MV_Schw	C	306	273	1	0.139259883257776	
MV_Schw	C	307	95	3	0.764161655608143	
MV_Schw	C	308	91	0	0.497615650989996	
MV_Schw	A	309	79	1		1
MV_Schw	A	310	66	0	0.789229943133706	
MV_Schw	A	311	60	1		1
MV_Schw	C	312	514	6	0.429218543236662	
MV_Schw	T	313	50	1		1
MV_Schw	A	314	91	1		1
MV_Schw	A	315	17	0		1
MV_Schw	C	316	601	2	0.000380700426279051	
MV_Schw	A	317	79	0	0.639207655977387	
MV_Schw	G	318	103	1	0.944879389258477	
MV_Schw	G	319	138	0	0.22714633168584	
MV_Schw	G	320	118	2		1
MV_Schw	G	321	190	0	0.0626240647804826	
MV_Schw	C	322	110	1	0.789229943133706	

MV_Schw	A	323	87	3	0.935220820395243
MV_Schw	C	324	145	0	0.161503851613234
MV_Schw	T	325	31	0	1
MV_Schw	A	326	47	0	1
MV_Schw	A	327	6	1	0.704667204683568
MV_Schw	T	328	87	1	1
MV_Schw	A	329	25	0	1
MV_Schw	G	330	109	0	0.381672248067152
MV_Schw	G	331	64	1	1
MV_Schw	T	332	12	0	1
MV_Schw	A	333	43	0	1
MV_Schw	T	334	33	1	1
MV_Schw	A	335	110	1	0.789229943133706
MV_Schw	T	336	4	0	1
MV_Schw	T	337	10	0	1
MV_Schw	A	338	72	1	1
MV_Schw	T	339	31	1	1
MV_Schw	C	340	136	2	1
MV_Schw	C	341	533	5	0.245202640825390
MV_Schw	T	342	16	0	1
MV_Schw	T	343	52	0	0.950262622850522
MV_Schw	A	344	103	0	0.37877131423274
MV_Schw	T	345	29	1	1
MV_Schw	T	346	52	1	1
MV_Schw	T	347	132	3	1
MV_Schw	G	348	304	3	0.645428736569362
MV_Schw	T	349	27	1	1
MV_Schw	G	350	998	12	0.142984378940317
MV_Schw	G	351	134	1	0.66330042087892
MV_Schw	A	352	52	1	1
MV_Schw	G	353	76	0	0.638894311640422
MV_Schw	T	354	10	0	1
MV_Schw	C	355	483	5	0.390345857720356
MV_Schw	T	356	231	3	0.88950624150852
MV_Schw	C	357	194	1	0.542465567021569
MV_Schw	C	358	973	3	2.34718291711250e-07

MV_Schw	A	359	213	3		1
MV_Schw	G	360	864	7	0.0133971878007475	
MV_Schw	G	361	347	3	0.237889985125885	
MV_Schw	T	362	16	1	0.950262622850522	
MV_Schw	C	363	35	1		1
MV_Schw	A	364	109	0	0.381672248067152	
MV_Schw	A	365	287	1	0.145503197757787	
MV_Schw	T	366	169	1	0.341186273229673	
MV_Schw	T	367	114	1	0.789229943133706	
MV_Schw	G	368	95	1		1
MV_Schw	A	369	132	1	0.659520109379356	
MV_Schw	T	370	81	0	0.641186461810141	
MV_Schw	T	371	316	3	0.34589959211708	
MV_Schw	C	372	411	3	0.1894828911111102	
MV_Schw	A	373	128	1	0.658415249679101	
MV_Schw	G	374	143	1	0.542465567021569	
MV_Schw	A	375	178	1	0.351232192365447	
MV_Schw	G	376	376	5	0.739167860388836	
MV_Schw	G	377	17	0		1
MV_Schw	A	378	103	1		1
MV_Schw	T	379	62	1		1
MV_Schw	C	380	364	6		1
MV_Schw	A	381	43	0		1
MV_Schw	C	382	696	15		1
MV_Schw	C	383	2145	33	0.293598695871605	
MV_Schw	G	384	853	15		1
MV_Schw	A	385	279	6		1
MV_Schw	T	386	295	6		1
MV_Schw	G	387	103	2		1
MV_Schw	A	388	8	0		1
MV_Schw	C	389	320	7		1
MV_Schw	C	390	355	3	0.397437008479015	
MV_Schw	C	391	702	14		1
MV_Schw	T	392	165	1	0.444605338381727	
MV_Schw	G	393	118	3		1
MV_Schw	A	394	27	0		1

MV_Schw	C	395	446	3	0.121677050932237
MV_Schw	G	396	331	4	0.789229943133706
MV_Schw	T	397	64	1	1
MV_Schw	T	398	41	0	1
MV_Schw	A	399	19	0	1
MV_Schw	G	400	262	2	0.44055837109039
MV_Schw	C	401	192	1	0.542247232322076
MV_Schw	A	402	76	1	1
MV_Schw	T	403	72	1	1
MV_Schw	A	404	33	1	1
MV_Schw	A	405	68	0	0.789229943133706
MV_Schw	G	406	291	4	0.950262622850522
MV_Schw	G	407	114	1	0.789229943133706
MV_Schw	C	408	124	1	1
MV_Schw	T	409	17	1	0.528591092326266
MV_Schw	G	410	287	4	1
MV_Schw	T	411	29	0	1
MV_Schw	T	412	81	1	1
MV_Schw	A	413	47	0	1
MV_Schw	G	414	54	1	1
MV_Schw	A	415	35	0	1
MV_Schw	G	416	126	1	1
MV_Schw	G	417	300	2	0.239446226094413
MV_Schw	NA	418	0	0	NA
MV_Schw	T	419	23	0	1
MV_Schw	G	420	444	5	0.426789350155389
MV_Schw	T	421	326	2	0.149071756066224
MV_Schw	C	422	380	3	0.286462760557962
MV_Schw	C	423	202	0	0.0445795746199782
MV_Schw	A	424	120	1	0.789229943133706
MV_Schw	G	425	207	1	0.444112248634472
MV_Schw	A	426	78	0	0.638894311640422
MV_Schw	G	427	717	4	0.00177078532209268
MV_Schw	T	428	211	2	0.73453580589799
MV_Schw	G	429	140	3	1
MV_Schw	A	430	85	0	0.648224297390367

MV_Schw	C	431	302	2	0.240688690197626
MV_Schw	C	432	238	0	0.0156995341126586
MV_Schw	A	433	64	0	0.789229943133706
MV_Schw	G	434	554	6	0.310014212102732
MV_Schw	T	435	362	3	0.405069797834504
MV_Schw	C	436	508	7	0.822598489333375
MV_Schw	A	437	136	1	0.667619064364632
MV_Schw	C	438	174	4	1
MV_Schw	A	439	39	0	1
MV_Schw	A	440	141	3	1
MV_Schw	T	441	269	5	1
MV_Schw	C	442	159	2	1
MV_Schw	T	443	21	0	1
MV_Schw	G	444	194	1	0.542465567021569
MV_Schw	G	445	184	2	0.947544583923452
MV_Schw	C	446	603	3	0.00177901624824218
MV_Schw	C	447	155	0	0.118807954027477
MV_Schw	T	448	39	1	1
MV_Schw	T	449	8	1	0.789229943133706
MV_Schw	A	450	8	1	0.258627633593378
MV_Schw	C	451	41	1	1
MV_Schw	C	452	124	3	1
MV_Schw	T	453	116	1	1
MV_Schw	T	454	31	1	0.791667533131283
MV_Schw	C	455	99	1	1
MV_Schw	G	456	351	5	1
MV_Schw	C	457	380	9	1
MV_Schw	A	458	320	3	0.346363438943306
MV_Schw	T	459	76	0	0.638894311640422
MV_Schw	C	460	87	1	1
MV_Schw	A	461	81	2	1
MV_Schw	A	462	120	4	0.813457243243208
MV_Schw	G	463	1114	19	0.88950624150852
MV_Schw	A	464	60	1	1
MV_Schw	G	465	93	1	1
MV_Schw	G	466	105	1	0.944944073306986

MV_Schw	T	467	48	0	0.950262622850522
MV_Schw	A	468	62	0	0.789229943133706
MV_Schw	C	469	599	11	1
MV_Schw	C	470	234	3	0.88950624150852
MV_Schw	A	471	141	1	0.542247232322076
MV_Schw	A	472	58	1	1
MV_Schw	C	473	430	7	1
MV_Schw	A	474	167	3	1
MV_Schw	T	475	213	2	0.73548636006501
MV_Schw	G	476	647	9	0.699021910371034
MV_Schw	G	477	151	1	0.88950624150852
MV_Schw	A	478	122	3	1
MV_Schw	G	479	345	7	1
MV_Schw	G	480	618	13	1
MV_Schw	A	481	91	1	1
MV_Schw	T	482	122	2	1
MV_Schw	G	483	136	1	0.667619064364632
MV_Schw	A	484	469	5	0.461160725749802
MV_Schw	G	485	1091	23	1
MV_Schw	G	486	1452	27	1
MV_Schw	C	487	3702	76	1
MV_Schw	G	488	364	7	1
MV_Schw	G	489	1155	23	1
MV_Schw	A	490	484	11	1
MV_Schw	C	491	1281	16	0.105321860709821
MV_Schw	C	492	411	3	0.189482891111102
MV_Schw	A	493	182	3	1
MV_Schw	A	494	326	5	1
MV_Schw	T	495	110	1	1
MV_Schw	A	496	295	5	1
MV_Schw	C	497	471	5	0.461766975079516
MV_Schw	T	498	481	9	1
MV_Schw	T	499	236	3	1
MV_Schw	T	500	558	5	0.166500460032885
MV_Schw	T	501	56	1	1
MV_Schw	C	502	1223	9	0.000125049273878398

MV_Schw	A	503	48	1		1
MV_Schw	C	504	399	3	0.121990068397456	
MV_Schw	A	505	41	0		1
MV_Schw	T	506	758	4	0.000725010829345104	
MV_Schw	G	507	54	1		1
MV_Schw	A	508	12	0		1
MV_Schw	T	509	122	1	0.791667533131283	
MV_Schw	G	510	190	1	0.542247232322076	
MV_Schw	A	511	79	1		1
MV_Schw	T	512	70	1		1
MV_Schw	C	513	184	1	0.277229700444564	
MV_Schw	C	514	242	1	0.299148652241935	
MV_Schw	A	515	101	2		1
MV_Schw	A	516	74	1		1
MV_Schw	T	517	134	1	0.983041048229953	
MV_Schw	T	518	27	0		1
MV_Schw	A	519	19	0		1
MV_Schw	G	520	169	3		1
MV_Schw	T	521	109	0	0.381672248067152	
MV_Schw	A	522	37	2	0.528591092326266	
MV_Schw	G	523	118	0	0.296802961873227	
MV_Schw	T	524	25	1		1
MV_Schw	G	525	750	5	0.0035996130604979	
MV_Schw	A	526	64	0	0.789229943133706	
MV_Schw	T	527	62	1		1
MV_Schw	C	528	70	0	0.789229943133706	
MV_Schw	A	529	50	0	0.950262622850522	
MV_Schw	A	530	308	2	0.245534395819558	
MV_Schw	T	531	266	2	0.444605338381727	
MV_Schw	C	532	688	2	5.09424987726302e-05	
MV_Schw	C	533	254	1	0.066634567324381	
MV_Schw	A	534	37	1	0.88950624150852	
MV_Schw	G	535	231	5		1
MV_Schw	G	536	696	9	0.504626906950996	
MV_Schw	T	537	62	1		1
MV_Schw	T	538	29	0		1

MV_Schw	C	539	99	0	0.509396577320122
MV_Schw	G	540	535	3	0.0279724561640337
MV_Schw	G	541	337	6	1
MV_Schw	A	542	217	3	0.957721317456694
MV_Schw	T	543	291	4	0.950262622850522
MV_Schw	G	544	48	1	1
MV_Schw	G	545	91	0	0.497615650989996
MV_Schw	T	546	155	1	0.436311974989592
MV_Schw	T	547	331	2	0.150659907408196
MV_Schw	C	548	1043	13	0.157735817894486
MV_Schw	G	549	382	1	0.00375124519292723
MV_Schw	G	550	1845	15	1.73948402810107e-05
MV_Schw	G	551	872	8	0.025854429296827
MV_Schw	A	552	297	1	0.0265628244936291
MV_Schw	A	553	130	1	0.983041048229953
MV_Schw	C	554	271	5	1
MV_Schw	A	555	89	1	1
MV_Schw	A	556	421	3	0.0729960130880603
MV_Schw	G	557	1754	34	1
MV_Schw	G	558	578	6	0.230921379149447
MV_Schw	A	559	167	0	0.124094801360285
MV_Schw	A	560	64	1	1
MV_Schw	A	561	64	1	1
MV_Schw	T	562	47	0	1
MV_Schw	C	563	705	12	1
MV_Schw	T	564	29	0	1
MV_Schw	C	565	610	7	0.258627633593378
MV_Schw	A	566	76	0	0.638894311640422
MV_Schw	G	567	488	1	0.00145679532500956
MV_Schw	A	568	19	0	1
MV_Schw	T	569	45	0	1
MV_Schw	A	570	17	0	1
MV_Schw	T	571	54	1	1
MV_Schw	T	572	83	1	1
MV_Schw	G	573	614	13	1
MV_Schw	A	574	95	1	1

MV_Schw	A	575	66	0	0.789229943133706
MV_Schw	G	576	907	25	0.403516190901706
MV_Schw	T	577	78	1	1
MV_Schw	G	578	537	7	0.528591092326266
MV_Schw	C	579	370	7	1
MV_Schw	A	580	591	12	1
MV_Schw	A	581	911	31	0.03105128126947
MV_Schw	G	582	523	15	0.630276704899262
MV_Schw	A	583	91	3	1
MV_Schw	C	584	318	5	1
MV_Schw	C	585	33	1	0.822598489333375
MV_Schw	C	586	529	11	1
MV_Schw	T	587	95	1	1
MV_Schw	G	588	1190	17	0.421453827712292
MV_Schw	A	589	289	4	1
MV_Schw	G	590	424	11	0.950262622850522
MV_Schw	G	591	97	3	0.78354985902497
MV_Schw	G	592	58	3	0.528591092326266
MV_Schw	A	593	229	2	0.632968068765344
MV_Schw	T	594	153	0	0.169696698380260
MV_Schw	T	595	35	1	0.863499923807603
MV_Schw	C	596	219	2	0.7433964722815
MV_Schw	A	597	72	0	0.791667533131283
MV_Schw	A	598	41	1	1
MV_Schw	C	599	1128	17	0.497615650989996
MV_Schw	A	600	97	1	1
MV_Schw	T	601	47	2	0.678058690427187
MV_Schw	G	602	60	1	1
MV_Schw	A	603	190	1	0.542247232322076
MV_Schw	T	604	351	3	0.239137755983385
MV_Schw	T	605	89	1	1
MV_Schw	C	606	517	4	0.0746595992424665
MV_Schw	T	607	93	1	1
MV_Schw	G	608	783	5	0.00489367250286117
MV_Schw	G	609	1564	17	0.00522870855136886
MV_Schw	G	610	610	9	0.757163035248454

MV_Schw	T	611	54	1		1
MV_Schw	A	612	19	0		1
MV_Schw	C	613	58	1		1
MV_Schw	C	614	128	1	0.658415249679101	
MV_Schw	A	615	72	1		1
MV_Schw	T	616	417	5	0.787941847439366	
MV_Schw	C	617	752	7	0.0781524919100269	
MV_Schw	C	618	469	8		1
MV_Schw	T	619	25	0		1
MV_Schw	A	620	54	1		1
MV_Schw	G	621	436	4	0.276152046214389	
MV_Schw	C	622	264	3	0.940669409851862	
MV_Schw	C	623	174	1	0.344829637188882	
MV_Schw	C	624	174	2		1
MV_Schw	A	625	52	0	0.950262622850522	
MV_Schw	A	626	45	1		1
MV_Schw	A	627	33	1		1
MV_Schw	T	628	128	2		1
MV_Schw	T	629	21	0		1
MV_Schw	T	630	12	1	0.88950624150852	
MV_Schw	G	631	231	2	0.63332687953074	
MV_Schw	G	632	78	1		1
MV_Schw	G	633	74	0	0.795198078226602	
MV_Schw	T	634	6	0		1
MV_Schw	C	635	58	1		1
MV_Schw	T	636	14	1	0.944879389258477	
MV_Schw	T	637	83	1		1
MV_Schw	G	638	128	1		1
MV_Schw	C	639	767	7	0.0351061035438848	
MV_Schw	T	640	39	1	0.9314909603024	
MV_Schw	C	641	504	7	0.660835909523436	
MV_Schw	G	642	349	5		1
MV_Schw	C	643	295	3	0.503192867159235	
MV_Schw	A	644	109	0	0.381672248067152	
MV_Schw	A	645	188	2	0.950262622850522	
MV_Schw	A	646	116	3		1

MV_Schw	G	647	289	3	0.746970975838775	
MV_Schw	G	648	264	3	0.684463566136253	
MV_Schw	C	649	256	5		1
MV_Schw	G	650	188	4		1
MV_Schw	G	651	318	7		1
MV_Schw	T	652	171	2		1
MV_Schw	T	653	174	4		1
MV_Schw	A	654	56	0	0.950262622850522	
MV_Schw	C	655	857	15		1
MV_Schw	G	656	134	3		1
MV_Schw	G	657	459	9		1
MV_Schw	C	658	1041	26	0.78470776546672	
MV_Schw	C	659	409	7		1
MV_Schw	C	660	260	5		1
MV_Schw	C	661	713	24	0.0802641948298692	
MV_Schw	A	662	287	5		1
MV_Schw	G	663	523	7	0.603663608935981	
MV_Schw	A	664	45	2	0.65158773158174	
MV_Schw	C	665	1252	40	0.0263539968766402	
MV_Schw	A	666	176	9	0.0263686814356238	
MV_Schw	C	667	1372	46	0.00428907439371087	
MV_Schw	G	668	417	8		1
MV_Schw	G	669	512	17	0.254862135918371	
MV_Schw	C	670	862	21	0.880143938732913	
MV_Schw	A	671	184	5	0.950262622850522	
MV_Schw	G	672	1795	60	0.00062838411561456	
MV_Schw	C	673	1506	44	0.0782002414054748	
MV_Schw	T	674	151	3		1
MV_Schw	G	675	318	2	0.192973852022480	
MV_Schw	A	676	217	3		1
MV_Schw	T	677	952	20		1
MV_Schw	T	678	200	7	0.458442246023077	
MV_Schw	C	679	713	17	0.986363032184908	
MV_Schw	G	680	250	7		1
MV_Schw	G	681	388	3	0.288870964410068	
MV_Schw	A	682	769	17		1

MV_Schw	G	683	616	9	0.819327818667335
MV_Schw	C	684	219	7	0.516449012907575
MV_Schw	T	685	122	6	0.151282626616198
MV_Schw	A	686	128	4	0.840295409296105
MV_Schw	A	687	167	3	1
MV_Schw	G	688	293	3	0.501368851809361
MV_Schw	A	689	74	1	1
MV_Schw	A	690	60	1	1
MV_Schw	G	691	692	15	1
MV_Schw	G	692	196	7	0.342103452023548
MV_Schw	T	693	112	1	0.789229943133706
MV_Schw	G	694	979	15	0.61288939235037
MV_Schw	G	695	1006	9	0.0154703532481774
MV_Schw	A	696	471	5	0.461766975079516
MV_Schw	T	697	143	0	0.161503851613234
MV_Schw	A	698	277	1	0.139444451992631
MV_Schw	A	699	21	0	1
MV_Schw	A	700	868	7	0.00658757357304602
MV_Schw	G	701	1033	14	0.307480793677112
MV_Schw	T	702	254	2	0.436962346550212
MV_Schw	A	703	6	0	1
MV_Schw	C	704	430	5	0.497615650989996
MV_Schw	A	705	140	0	0.230921379149447
MV_Schw	C	706	128	1	1
MV_Schw	C	707	194	0	0.0651851006268349
MV_Schw	C	708	566	6	0.277229700444564
MV_Schw	A	709	267	5	1
MV_Schw	A	710	23	0	1
MV_Schw	C	711	812	15	1
MV_Schw	A	712	147	3	1
MV_Schw	A	713	188	3	1
MV_Schw	A	714	60	1	1
MV_Schw	G	715	556	11	1
MV_Schw	A	716	47	0	1
MV_Schw	A	717	33	0	1
MV_Schw	G	718	527	13	0.94524098805271

MV_Schw	G	719	72	0	0.791667533131283
MV_Schw	G	720	101	1	1
MV_Schw	T	721	95	0	0.499662168427985
MV_Schw	A	722	89	1	1
MV_Schw	G	723	213	2	0.73548636006501
MV_Schw	T	724	27	0	1
MV_Schw	T	725	64	2	1
MV_Schw	G	726	1552	13	0.000224659131290566
MV_Schw	G	727	1116	18	0.789229943133706
MV_Schw	T	728	172	1	0.789229943133706
MV_Schw	G	729	248	2	0.528869794103543
MV_Schw	A	730	182	3	1
MV_Schw	A	731	120	1	1
MV_Schw	T	732	578	12	1
MV_Schw	T	733	105	0	0.37877131423274
MV_Schw	T	734	56	1	1
MV_Schw	A	735	37	0	1
MV_Schw	G	736	178	2	0.945767847051808
MV_Schw	A	737	432	3	0.0559946103775228
MV_Schw	T	738	105	5	0.414034029869785
MV_Schw	T	739	130	5	0.68615038702224
MV_Schw	G	740	43	1	1
MV_Schw	G	741	109	1	0.947544583923452
MV_Schw	A	742	47	1	1
MV_Schw	G	743	2269	51	1
MV_Schw	A	744	95	2	1
MV_Schw	G	745	977	15	0.612472877708129
MV_Schw	A	746	240	2	0.527491093089607
MV_Schw	A	747	238	5	1
MV_Schw	A	748	295	3	0.747277641572764
MV_Schw	A	749	17	1	0.983041048229953
MV_Schw	T	750	167	4	1
MV_Schw	G	751	126	3	1
MV_Schw	G	752	2188	50	0.950262622850522
MV_Schw	T	753	52	2	0.78354985902497
MV_Schw	T	754	326	9	0.890162740966923

MV_Schw	G	755	132	1	0.659520109379356
MV_Schw	G	756	172	2	1
MV_Schw	A	757	45	1	1
MV_Schw	T	758	91	5	0.217911555108928
MV_Schw	G	759	502	15	0.43674986023796
MV_Schw	T	760	35	0	1
MV_Schw	G	761	128	4	0.840295409296105
MV_Schw	G	762	806	17	1
MV_Schw	T	763	719	16	1
MV_Schw	G	764	496	7	0.756958128686134
MV_Schw	A	765	70	2	1
MV_Schw	G	766	205	3	1
MV_Schw	G	767	835	14	0.955096167251408
MV_Schw	A	768	426	4	0.316968136493880
MV_Schw	A	769	574	15	0.88950624150852
MV_Schw	C	770	1905	31	0.560243889454362
MV_Schw	A	771	41	1	1
MV_Schw	G	772	1091	13	0.0798412064354382
MV_Schw	G	773	300	4	0.950262622850522
MV_Schw	A	774	271	5	1
MV_Schw	T	775	506	7	0.822598489333375
MV_Schw	T	776	256	2	0.437582500382461
MV_Schw	G	777	1339	13	0.00315950084157037
MV_Schw	C	778	1537	12	4.86812568912563e-05
MV_Schw	C	779	3171	23	8.93638098663723e-12
MV_Schw	G	780	3576	117	1.13711934179409e-06
MV_Schw	A	781	450	3	0.122793117967339
MV_Schw	G	782	775	27	0.0213237354880237
MV_Schw	G	783	345	8	1
MV_Schw	A	784	52	2	0.78354985902497
MV_Schw	C	785	630	9	0.619445085664392
MV_Schw	C	786	122	0	0.298485329352986
MV_Schw	T	787	107	1	1
MV_Schw	C	788	331	2	0.150659907408196
MV_Schw	T	789	66	1	1
MV_Schw	C	790	610	8	0.591710523111113

MV_Schw	C	791	607	6	0.158882742848662
MV_Schw	T	792	89	2	1
MV_Schw	T	793	149	3	1
MV_Schw	A	794	66	1	1
MV_Schw	C	795	835	7	0.0107693693121348
MV_Schw	G	796	527	9	1
MV_Schw	C	797	159	1	0.78470776546672
MV_Schw	C	798	171	4	1
MV_Schw	G	799	196	3	1
MV_Schw	A	800	198	2	0.822598489333375
MV_Schw	T	801	169	1	0.789229943133706
MV_Schw	T	802	23	0	1
MV_Schw	C	803	66	0	0.789229943133706
MV_Schw	A	804	25	1	1
MV_Schw	T	805	37	0	1
MV_Schw	G	806	1643	16	0.000995996993405964
MV_Schw	G	807	134	3	1
MV_Schw	T	808	33	0	1
MV_Schw	C	809	64	1	1
MV_Schw	G	810	1006	5	1.14405532250546e-05
MV_Schw	C	811	1050	7	0.0004613385200991
MV_Schw	T	812	147	1	0.88950624150852
MV_Schw	C	813	190	1	0.282444566862733
MV_Schw	T	814	140	2	1
MV_Schw	A	815	47	0	1
MV_Schw	A	816	48	1	1
MV_Schw	T	817	132	0	0.222002676269896
MV_Schw	C	818	147	1	0.88950624150852
MV_Schw	C	819	143	3	1
MV_Schw	T	820	103	2	1
MV_Schw	G	821	1143	5	4.6708854323247e-07
MV_Schw	G	822	1207	7	2.01563946828321e-05
MV_Schw	A	823	178	3	1
MV_Schw	T	824	306	3	0.645428736569362
MV_Schw	A	825	10	0	1
MV_Schw	T	826	6	0	1

MV_Schw	C	827	157	0	0.118807954027477
MV_Schw	A	828	136	0	0.224063006917908
MV_Schw	A	829	1058	7	0.000139663842671857
MV_Schw	G	830	855	6	0.00288269095915584
MV_Schw	A	831	488	5	0.391888109903514
MV_Schw	G	832	287	3	0.822598489333375
MV_Schw	A	833	47	1	1
MV_Schw	A	834	45	1	1
MV_Schw	C	835	924	11	0.215757612560076
MV_Schw	A	836	19	0	1
MV_Schw	C	837	289	3	0.746970975838775
MV_Schw	C	838	547	1	0.000257904678727486
MV_Schw	C	839	984	9	0.0190173980479571
MV_Schw	G	840	1397	17	0.0764963438320201
MV_Schw	G	841	893	10	0.128962685287769
MV_Schw	A	842	800	7	0.0173071686470696
MV_Schw	A	843	310	3	0.426789350155389
MV_Schw	A	844	50	2	0.746970975838775
MV_Schw	C	845	996	15	0.550155392537109
MV_Schw	A	846	50	1	1
MV_Schw	A	847	64	3	0.609091736782917
MV_Schw	A	848	391	6	1
MV_Schw	C	849	1694	34	1
MV_Schw	C	850	523	4	0.0752670771840998
MV_Schw	C	851	337	5	0.957721317456694
MV_Schw	A	852	233	5	1
MV_Schw	G	853	1176	30	0.644822204110556
MV_Schw	G	854	979	27	0.386416157439658
MV_Schw	A	855	112	4	0.648224297390367
MV_Schw	T	856	35	1	1
MV_Schw	T	857	17	0	1
MV_Schw	G	858	250	1	0.234360961542297
MV_Schw	C	859	403	4	0.37877131423274
MV_Schw	T	860	83	1	1
MV_Schw	G	861	1490	18	0.0433621496283548
MV_Schw	A	862	64	1	1

MV_Schw	A	863	124	1	0.791667533131283
MV_Schw	A	864	130	2	1
MV_Schw	T	865	161	1	0.78470776546672
MV_Schw	G	866	52	2	0.78354985902497
MV_Schw	A	867	4	0	1
MV_Schw	T	868	72	1	1
MV_Schw	A	869	79	1	1
MV_Schw	T	870	17	1	0.528591092326266
MV_Schw	G	871	357	5	0.795198078226602
MV_Schw	T	872	41	0	1
MV_Schw	G	873	205	4	1
MV_Schw	A	874	66	0	0.789229943133706
MV_Schw	C	875	463	10	1
MV_Schw	A	876	64	2	1
MV_Schw	T	877	45	0	1
MV_Schw	T	878	6	0	1
MV_Schw	G	879	89	1	1
MV_Schw	A	880	17	0	1
MV_Schw	T	881	54	1	1
MV_Schw	A	882	35	1	1
MV_Schw	C	883	159	1	0.437783686960654
MV_Schw	A	884	12	0	1
MV_Schw	T	885	12	0	1
MV_Schw	A	886	68	0	0.789229943133706
MV_Schw	T	887	21	0	1
MV_Schw	A	888	62	1	1
MV_Schw	T	889	4	0	1
MV_Schw	C	890	172	3	1
MV_Schw	G	891	250	4	1
MV_Schw	T	892	48	1	1
MV_Schw	A	893	33	0	1
MV_Schw	G	894	200	1	0.549697051814019
MV_Schw	A	895	23	0	1
MV_Schw	G	896	147	5	0.77901773725233
MV_Schw	G	897	560	5	0.093350846445046
MV_Schw	C	898	87	1	1

MV_Schw	A	899	31	0	1
MV_Schw	G	900	322	7	1
MV_Schw	G	901	707	8	0.224063006917908
MV_Schw	A	902	93	2	1
MV_Schw	T	903	52	0	0.950262622850522
MV_Schw	T	904	25	1	0.704667204683568
MV_Schw	A	905	70	0	0.789229943133706
MV_Schw	G	906	515	10	1
MV_Schw	C	907	874	5	0.000672646784089299
MV_Schw	C	908	1190	13	0.0264902346937876
MV_Schw	A	909	41	1	1
MV_Schw	G	910	409	6	0.950262622850522
MV_Schw	T	911	83	0	0.645428736569362
MV_Schw	T	912	25	0	1
MV_Schw	T	913	64	1	1
MV_Schw	T	914	29	0	1
MV_Schw	A	915	29	0	1
MV_Schw	T	916	70	3	0.395791012435089
MV_Schw	C	917	258	7	1
MV_Schw	C	918	138	3	1
MV_Schw	T	919	171	0	0.0850400511116103
MV_Schw	G	920	21	1	1
MV_Schw	A	921	31	0	1
MV_Schw	C	922	103	0	0.37877131423274
MV_Schw	T	923	12	1	0.366832525336205
MV_Schw	A	924	23	1	1
MV_Schw	T	925	17	0	1
MV_Schw	T	926	17	0	1
MV_Schw	A	927	8	0	1
MV_Schw	A	928	10	0	1
MV_Schw	G	929	186	3	1
MV_Schw	T	930	31	0	1
MV_Schw	T	931	85	2	1
MV_Schw	T	932	16	0	1
MV_Schw	G	933	48	0	0.950262622850522
MV_Schw	G	934	10	1	0.307480793677112

MV_Schw	G	935	140	2		1
MV_Schw	A	936	25	0		1
MV_Schw	T	937	101	1		1
MV_Schw	A	938	37	1		1
MV_Schw	G	939	364	3	0.331291103747922	
MV_Schw	A	940	560	9		1
MV_Schw	A	941	78	1		1
MV_Schw	A	942	74	0	0.795198078226602	
MV_Schw	C	943	130	3		1
MV_Schw	T	944	678	9	0.568356398818363	
MV_Schw	A	945	87	1		1
MV_Schw	T	946	70	0	0.789229943133706	
MV_Schw	G	947	266	1	0.182730995624231	
MV_Schw	T	948	8	0		1
MV_Schw	A	949	141	3		1
MV_Schw	T	950	143	6	0.307162781591674	
MV_Schw	C	951	101	1		1
MV_Schw	C	952	244	3	0.789229943133706	
MV_Schw	T	953	159	1	0.78470776546672	
MV_Schw	G	954	112	1	0.789229943133706	
MV_Schw	C	955	477	5	0.258627633593378	
MV_Schw	T	956	107	1		1
MV_Schw	C	957	452	4	0.226501401371001	
MV_Schw	T	958	103	1		1
MV_Schw	T	959	60	1		1
MV_Schw	G	960	149	3		1
MV_Schw	G	961	194	3		1
MV_Schw	A	962	47	1		1
MV_Schw	C	963	99	2		1
MV_Schw	T	964	10	0		1
MV_Schw	G	965	74	1		1
MV_Schw	C	966	422	3	0.073283477888091	
MV_Schw	A	967	138	2		1
MV_Schw	T	968	242	1	0.0905766504838092	
MV_Schw	G	969	101	0	0.51781700540984	
MV_Schw	A	970	10	0		1

MV_Schw	A	971	103	1		1
MV_Schw	T	972	27	1		1
MV_Schw	T	973	167	1	0.341186273229673	
MV_Schw	T	974	58	0	0.953489044526869	
MV_Schw	G	975	393	1	0.0142038926834362	
MV_Schw	C	976	517	3	0.0354080810355288	
MV_Schw	T	977	205	3		1
MV_Schw	G	978	134	1	0.66330042087892	
MV_Schw	G	979	271	3	0.944879389258477	
MV_Schw	T	980	19	0		1
MV_Schw	G	981	258	3	0.681308121427830	
MV_Schw	A	982	41	0		1
MV_Schw	G	983	498	7	0.758785708915173	
MV_Schw	T	984	8	0		1
MV_Schw	T	985	72	1		1
MV_Schw	A	986	202	2	0.822598489333375	
MV_Schw	T	987	277	3	0.598480293360952	
MV_Schw	C	988	1523	15	0.00135996302051693	
MV_Schw	C	989	1095	15	0.376229278421421	
MV_Schw	A	990	43	0		1
MV_Schw	C	991	234	3	0.88950624150852	
MV_Schw	A	992	93	0	0.498091317793217	
MV_Schw	C	993	422	3	0.151179205109552	
MV_Schw	T	994	62	1		1
MV_Schw	T	995	33	0		1
MV_Schw	G	996	188	1	0.542247232322076	
MV_Schw	A	997	12	2	0.0975104748468945	
MV_Schw	G	998	453	9		1
MV_Schw	T	999	19	1		1
MV_Schw	C	1000	178	3		1
MV_Schw	C	1001	64	0	0.789229943133706	
MV_Schw	T	1002	31	0		1
MV_Schw	T	1003	186	1	0.655978174231774	
MV_Schw	G	1004	731	4	0.00131552010647586	
MV_Schw	A	1005	54	1		1
MV_Schw	T	1006	355	3	0.397437008479015	

MV_Schw	G	1007	68	1		1
MV_Schw	A	1008	27	0		1
MV_Schw	A	1009	43	1		1
MV_Schw	C	1010	260	5		1
MV_Schw	C	1011	364	4	0.619556855087002	
MV_Schw	T	1012	76	1		1
MV_Schw	T	1013	19	0		1
MV_Schw	T	1014	81	1		1
MV_Schw	A	1015	213	3		1
MV_Schw	C	1016	240	3		1
MV_Schw	C	1017	289	1	0.107199991629516	
MV_Schw	A	1018	138	3		1
MV_Schw	G	1019	99	1		1
MV_Schw	C	1020	116	3	0.957721317456694	
MV_Schw	A	1021	246	3	0.789229943133706	
MV_Schw	A	1022	76	1		1
MV_Schw	A	1023	52	0	0.950262622850522	
MV_Schw	T	1024	190	3		1
MV_Schw	G	1025	83	1		1
MV_Schw	G	1026	314	1	0.0845982032753081	
MV_Schw	G	1027	519	3	0.0357008028146501	
MV_Schw	G	1028	1172	7	4.89408480641907e-05	
MV_Schw	G	1029	320	3	0.555306456571188	
MV_Schw	A	1030	97	1		1
MV_Schw	A	1031	50	1		1
MV_Schw	A	1032	126	0	0.305061614162072	
MV_Schw	C	1033	1391	13	0.00304912903726012	
MV_Schw	T	1034	176	1	0.34703042205032	
MV_Schw	G	1035	386	6		1
MV_Schw	C	1036	719	9	0.318295249699595	
MV_Schw	A	1037	215	4		1
MV_Schw	C	1038	153	1	0.436311974989592	
MV_Schw	C	1039	211	1	0.445919862395878	
MV_Schw	C	1040	107	3	0.950262622850522	
MV_Schw	T	1041	23	0		1
MV_Schw	A	1042	19	1		1

MV_Schw	C	1043	209	1	0.444605338381727
MV_Schw	A	1044	25	0	1
MV_Schw	T	1045	343	5	1
MV_Schw	G	1046	68	1	1
MV_Schw	G	1047	149	1	0.550155392537109
MV_Schw	T	1048	37	1	1
MV_Schw	A	1049	12	1	0.88950624150852
MV_Schw	A	1050	238	1	0.297586725038221
MV_Schw	T	1051	31	3	0.172254498719137
MV_Schw	C	1052	85	1	1
MV_Schw	C	1053	262	3	0.682748760038921
MV_Schw	T	1054	74	1	1
MV_Schw	G	1055	996	11	0.0922714502692794
MV_Schw	G	1056	488	9	1
MV_Schw	A	1057	234	3	1
MV_Schw	G	1058	422	13	0.518605193203296
MV_Schw	A	1059	6	0	1
MV_Schw	A	1060	60	0	0.957721317456694
MV_Schw	C	1061	709	14	1
MV_Schw	T	1062	56	0	0.950262622850522
MV_Schw	C	1063	81	2	1
MV_Schw	A	1064	33	1	0.822598489333375
MV_Schw	A	1065	192	2	0.822598489333375
MV_Schw	T	1066	343	4	0.689515687276991
MV_Schw	T	1067	60	1	1
MV_Schw	C	1068	43	0	1
MV_Schw	A	1069	17	0	1
MV_Schw	G	1070	349	4	0.694090103313075
MV_Schw	A	1071	676	3	0.00162877509201589
MV_Schw	A	1072	25	1	1
MV_Schw	C	1073	138	3	1
MV_Schw	A	1074	4	0	1
MV_Schw	A	1075	2	0	1
MV_Schw	G	1076	390	7	1
MV_Schw	T	1077	29	0	1
MV_Schw	T	1078	25	0	1

MV_Schw	C	1079	91	0	0.497615650989996
MV_Schw	A	1080	130	2	1
MV_Schw	G	1081	240	1	0.298485329352986
MV_Schw	T	1082	89	2	1
MV_Schw	G	1083	382	5	0.94331577055384
MV_Schw	C	1084	500	6	0.497615650989996
MV_Schw	A	1085	66	0	0.789229943133706
MV_Schw	G	1086	547	9	0.991517221373143
MV_Schw	G	1087	702	6	0.045275965087549
MV_Schw	A	1088	110	1	0.789229943133706
MV_Schw	T	1089	45	1	1
MV_Schw	C	1090	229	5	1
MV_Schw	A	1091	318	4	0.86779706041355
MV_Schw	T	1092	101	2	1
MV_Schw	A	1093	130	1	0.983041048229953
MV_Schw	C	1094	432	5	0.683711014434815
MV_Schw	C	1095	242	4	1
MV_Schw	C	1096	851	15	1
MV_Schw	T	1097	105	2	1
MV_Schw	C	1098	1417	17	0.0352560908509823
MV_Schw	T	1099	79	1	1
MV_Schw	G	1100	287	3	0.822598489333375
MV_Schw	C	1101	647	10	0.926705050780544
MV_Schw	T	1102	279	3	0.819327818667335
MV_Schw	C	1103	252	1	0.235179608025014
MV_Schw	T	1104	393	1	0.0142038926834362
MV_Schw	G	1105	182	3	1
MV_Schw	G	1106	374	7	1
MV_Schw	A	1107	116	1	0.789229943133706
MV_Schw	G	1108	297	3	0.747415194406969
MV_Schw	C	1109	48	1	1
MV_Schw	T	1110	12	1	0.88950624150852
MV_Schw	A	1111	134	1	0.66330042087892
MV_Schw	T	1112	41	0	1
MV_Schw	G	1113	252	7	0.791667533131283
MV_Schw	C	1114	21	1	1

MV_Schw	C	1115	153	2		1
MV_Schw	A	1116	85	0	0.648224297390367	
MV_Schw	T	1117	138	3		1
MV_Schw	G	1118	136	0	0.224063006917908	
MV_Schw	G	1119	285	6		1
MV_Schw	G	1120	93	3	0.747390316041078	
MV_Schw	A	1121	17	0		1
MV_Schw	G	1122	289	5		1
MV_Schw	T	1123	93	3		1
MV_Schw	A	1124	21	1		1
MV_Schw	G	1125	107	4	0.619556855087002	
MV_Schw	G	1126	105	3	0.950262622850522	
MV_Schw	A	1127	99	1		1
MV_Schw	G	1128	459	13	0.742284060476214	
MV_Schw	T	1129	411	9		1
MV_Schw	G	1130	552	5	0.0920236669024428	
MV_Schw	G	1131	136	1	0.667619064364632	
MV_Schw	A	1132	151	3		1
MV_Schw	A	1133	196	9	0.113545263513278	
MV_Schw	C	1134	407	6	0.950262622850522	
MV_Schw	T	1135	140	2		1
MV_Schw	T	1136	178	2	0.945767847051808	
MV_Schw	G	1137	395	7		1
MV_Schw	A	1138	89	1		1
MV_Schw	A	1139	64	1		1
MV_Schw	A	1140	78	2		1
MV_Schw	A	1141	60	1		1
MV_Schw	C	1142	217	2	0.740382532463064	
MV_Schw	T	1143	8	0		1
MV_Schw	C	1144	172	3		1
MV_Schw	C	1145	579	10		1
MV_Schw	A	1146	29	1		1
MV_Schw	T	1147	39	0		1
MV_Schw	G	1148	52	1		1
MV_Schw	G	1149	209	1	0.444605338381727	
MV_Schw	G	1150	50	0	0.950262622850522	

MV_Schw	A	1151	16	0		1
MV_Schw	G	1152	694	12		1
MV_Schw	G	1153	112	0	0.390108970321283	
MV_Schw	T	1154	116	1	0.789229943133706	
MV_Schw	T	1155	31	1		1
MV_Schw	T	1156	101	1		1
MV_Schw	G	1157	178	2	0.945767847051808	
MV_Schw	A	1158	21	0		1
MV_Schw	A	1159	167	0	0.124094801360285	
MV_Schw	C	1160	558	3	0.0159899572258990	
MV_Schw	T	1161	21	1		1
MV_Schw	T	1162	8	0		1
MV_Schw	T	1163	107	1		1
MV_Schw	G	1164	988	9	0.0191268080716238	
MV_Schw	G	1165	744	5	0.00810089758218598	
MV_Schw	C	1166	258	4		1
MV_Schw	C	1167	178	5	0.804012574266476	
MV_Schw	G	1168	52	1		1
MV_Schw	A	1169	37	1		1
MV_Schw	T	1170	110	0	0.385864542883514	
MV_Schw	C	1171	140	1	0.542247232322076	
MV_Schw	T	1172	27	1		1
MV_Schw	T	1173	14	1	0.944879389258477	
MV_Schw	A	1174	6	0		1
MV_Schw	C	1175	795	9	0.149410316012570	
MV_Schw	T	1176	10	0		1
MV_Schw	T	1177	25	0		1
MV_Schw	T	1178	23	0		1
MV_Schw	G	1179	54	0	0.950262622850522	
MV_Schw	A	1180	37	0		1
MV_Schw	T	1181	190	3		1
MV_Schw	C	1182	209	3		1
MV_Schw	C	1183	17	0		1
MV_Schw	A	1184	35	1		1
MV_Schw	G	1185	386	10	0.944944073306986	
MV_Schw	C	1186	578	9	0.887930499252911	

MV_Schw	A	1187	95	4	0.542247232322076
MV_Schw	T	1188	19	0	1
MV_Schw	A	1189	351	2	0.120225042415416
MV_Schw	T	1190	35	1	0.863499923807603
MV_Schw	T	1191	180	3	1
MV_Schw	T	1192	33	0	1
MV_Schw	T	1193	203	2	0.822598489333375
MV_Schw	A	1194	14	0	1
MV_Schw	G	1195	579	4	0.0284220601745394
MV_Schw	A	1196	21	0	1
MV_Schw	T	1197	47	0	1
MV_Schw	T	1198	16	0	1
MV_Schw	A	1199	16	0	1
MV_Schw	G	1200	260	3	0.681693930547946
MV_Schw	G	1201	266	4	1
MV_Schw	G	1202	859	18	1
MV_Schw	C	1203	72	0	0.791667533131283
MV_Schw	A	1204	81	1	1
MV_Schw	A	1205	64	1	1
MV_Schw	G	1206	295	4	0.950262622850522
MV_Schw	A	1207	174	3	1
MV_Schw	G	1208	252	1	0.235179608025014
MV_Schw	A	1209	196	3	1
MV_Schw	T	1210	372	3	0.197481828755388
MV_Schw	G	1211	254	2	0.436962346550212
MV_Schw	G	1212	467	2	0.00932485537558293
MV_Schw	T	1213	494	5	0.395791012435089
MV_Schw	A	1214	595	4	0.0221470025606877
MV_Schw	A	1215	362	3	0.192280161800425
MV_Schw	G	1216	630	4	0.00979840594061844
MV_Schw	G	1217	345	2	0.118404761941972
MV_Schw	A	1218	47	1	1
MV_Schw	G	1219	320	7	1
MV_Schw	G	1220	2419	34	0.0529105666346528
MV_Schw	T	1221	31	0	1
MV_Schw	C	1222	777	9	0.26728210713178

MV_Schw	A	1223	126	1		1
MV_Schw	G	1224	736	14		1
MV_Schw	C	1225	1132	19	0.822598489333375	
MV_Schw	T	1226	971	11	0.130920864943236	
MV_Schw	G	1227	2860	39	0.0155102898705156	
MV_Schw	G	1228	835	11	0.341567416594811	
MV_Schw	A	1229	110	3	0.950262622850522	
MV_Schw	A	1230	165	6	0.497615650989996	
MV_Schw	A	1231	56	1		1
MV_Schw	G	1232	246	9	0.260518839802135	
MV_Schw	G	1233	1329	11	0.0008173854973521	
MV_Schw	T	1234	16	0		1
MV_Schw	C	1235	291	3	0.746970975838775	
MV_Schw	A	1236	33	1	0.822598489333375	
MV_Schw	G	1237	831	12	0.598742953957089	
MV_Schw	T	1238	64	1		1
MV_Schw	T	1239	641	11		1
MV_Schw	C	1240	140	3		1
MV_Schw	C	1241	174	3		1
MV_Schw	A	1242	79	1		1
MV_Schw	C	1243	548	9	0.9922574329168	
MV_Schw	A	1244	136	1	0.983041048229953	
MV_Schw	T	1245	236	5		1
MV_Schw	T	1246	140	2		1
MV_Schw	G	1247	136	1	0.983041048229953	
MV_Schw	G	1248	153	3		1
MV_Schw	C	1249	76	1		1
MV_Schw	A	1250	198	2	0.822598489333375	
MV_Schw	T	1251	130	3		1
MV_Schw	C	1252	331	5		1
MV_Schw	T	1253	43	1	0.950262622850522	
MV_Schw	G	1254	128	2		1
MV_Schw	A	1255	35	0		1
MV_Schw	A	1256	78	1		1
MV_Schw	C	1257	362	8		1
MV_Schw	T	1258	58	0	0.953489044526869	

MV_Schw	C	1259	93	0	0.498091317793217
MV_Schw	G	1260	203	1	0.44280652126772
MV_Schw	G	1261	328	1	0.063398926233283
MV_Schw	T	1262	225	0	0.0222273767865594
MV_Schw	A	1263	50	0	0.950262622850522
MV_Schw	T	1264	39	0	1
MV_Schw	C	1265	58	1	1
MV_Schw	A	1266	4	0	1
MV_Schw	C	1267	297	1	0.109592982915171
MV_Schw	T	1268	43	1	1
MV_Schw	G	1269	475	6	0.641186461810141
MV_Schw	C	1270	151	3	1
MV_Schw	C	1271	1550	14	0.00044302319835552
MV_Schw	G	1272	165	2	1
MV_Schw	A	1273	103	2	1
MV_Schw	G	1274	176	1	0.34703042205032
MV_Schw	G	1275	105	1	0.944944073306986
MV_Schw	A	1276	29	1	1
MV_Schw	T	1277	213	3	1
MV_Schw	G	1278	215	0	0.0320573639632113
MV_Schw	C	1279	401	4	0.37877131423274
MV_Schw	A	1280	167	1	0.788293646497135
MV_Schw	A	1281	186	1	0.655978174231774
MV_Schw	G	1282	2058	19	2.49296123931229e-05
MV_Schw	G	1283	151	1	0.553693656798976
MV_Schw	C	1284	599	9	0.752513969443182
MV_Schw	T	1285	143	1	0.542465567021569
MV_Schw	T	1286	56	0	0.950262622850522
MV_Schw	G	1287	316	3	0.34589959211708
MV_Schw	T	1288	72	0	0.791667533131283
MV_Schw	T	1289	328	6	1
MV_Schw	T	1290	76	0	0.638894311640422
MV_Schw	C	1291	399	3	0.121990068397456
MV_Schw	A	1292	120	1	1
MV_Schw	G	1293	1254	5	3.44021009317048e-08
MV_Schw	A	1294	159	1	0.437783686960654

MV_Schw	G	1295	370	5	0.737900226779511
MV_Schw	A	1296	99	1	1
MV_Schw	T	1297	436	5	0.42458526175556
MV_Schw	T	1298	78	3	0.863499923807603
MV_Schw	G	1299	465	7	1
MV_Schw	C	1300	198	1	0.2148607170878
MV_Schw	A	1301	180	3	1
MV_Schw	A	1302	484	7	0.752394317790241
MV_Schw	T	1303	109	3	1
MV_Schw	G	1304	85	1	1
MV_Schw	C	1305	64	0	0.789229943133706
MV_Schw	A	1306	89	1	1
MV_Schw	T	1307	91	1	1
MV_Schw	A	1308	41	1	1
MV_Schw	C	1309	78	1	1
MV_Schw	T	1310	25	0	1
MV_Schw	A	1311	14	0	1
MV_Schw	C	1312	353	8	1
MV_Schw	T	1313	116	2	1
MV_Schw	G	1314	151	5	0.60889328543512
MV_Schw	A	1315	19	0	1
MV_Schw	G	1316	409	5	0.78470776546672
MV_Schw	G	1317	285	0	0.0057053996200859
MV_Schw	A	1318	58	1	1
MV_Schw	C	1319	229	1	0.365713575863648
MV_Schw	A	1320	33	1	0.822598489333375
MV_Schw	A	1321	35	0	1
MV_Schw	G	1322	510	7	0.66330042087892
MV_Schw	A	1323	116	1	0.789229943133706
MV_Schw	T	1324	68	0	0.789229943133706
MV_Schw	C	1325	81	1	1
MV_Schw	A	1326	167	3	1
MV_Schw	G	1327	471	13	0.65158773158174
MV_Schw	T	1328	95	1	1
MV_Schw	A	1329	176	9	0.0263686814356238
MV_Schw	G	1330	322	3	0.34703042205032

MV_Schw	A	1331	289	5		1
MV_Schw	G	1332	455	11		1
MV_Schw	C	1333	333	11	0.496192834000483	
MV_Schw	G	1334	242	7	0.789229943133706	
MV_Schw	G	1335	1698	37		1
MV_Schw	T	1336	87	1		1
MV_Schw	T	1337	548	7	0.462734918202348	
MV_Schw	G	1338	434	8		1
MV_Schw	G	1339	233	3	0.88950624150852	
MV_Schw	A	1340	147	3		1
MV_Schw	C	1341	1328	24		1
MV_Schw	C	1342	190	1	0.282444566862733	
MV_Schw	C	1343	384	3	0.154901578193624	
MV_Schw	A	1344	300	3	0.751501025978229	
MV_Schw	G	1345	1289	19	0.361375949743061	
MV_Schw	A	1346	1039	11	0.0529876019641143	
MV_Schw	C	1347	605	9	0.892700718531951	
MV_Schw	A	1348	66	1		1
MV_Schw	A	1349	68	2		1
MV_Schw	G	1350	698	7	0.170580290472318	
MV_Schw	C	1351	357	4	0.613731229150989	
MV_Schw	C	1352	329	7		1
MV_Schw	C	1353	289	4		1
MV_Schw	A	1354	347	4	0.691829352390927	
MV_Schw	A	1355	242	1	0.299148652241935	
MV_Schw	G	1356	527	9		1
MV_Schw	T	1357	85	1		1
MV_Schw	A	1358	95	0	0.499662168427985	
MV_Schw	T	1359	6	0		1
MV_Schw	C	1360	238	1	0.0899009831500995	
MV_Schw	A	1361	448	3	0.0435098404838992	
MV_Schw	T	1362	151	2		1
MV_Schw	T	1363	89	0	0.497615650989996	
MV_Schw	T	1364	107	2		1
MV_Schw	C	1365	70	0	0.789229943133706	
MV_Schw	T	1366	112	1		1

MV_Schw	A	1367	254	4		1
MV_Schw	C	1368	459	9		1
MV_Schw	A	1369	33	1		1
MV_Schw	C	1370	452	5	0.35554222034638	
MV_Schw	G	1371	89	2		1
MV_Schw	G	1372	50	0	0.950262622850522	
MV_Schw	T	1373	149	2		1
MV_Schw	G	1374	107	3		1
MV_Schw	A	1375	444	5	0.426789350155389	
MV_Schw	T	1376	95	1		1
MV_Schw	C	1377	306	4	0.863499923807603	
MV_Schw	A	1378	74	1		1
MV_Schw	A	1379	29	0		1
MV_Schw	A	1380	33	0		1
MV_Schw	G	1381	1638	14	0.000100596773812726	
MV_Schw	T	1382	240	1	0.298485329352986	
MV_Schw	G	1383	45	1		1
MV_Schw	A	1384	12	0		1
MV_Schw	G	1385	413	1	0.00732896895426522	
MV_Schw	A	1386	105	3		1
MV_Schw	A	1387	89	1		1
MV_Schw	T	1388	66	0	0.789229943133706	
MV_Schw	G	1389	649	5	0.0228821009043291	
MV_Schw	A	1390	23	1		1
MV_Schw	G	1391	798	13	0.950262622850522	
MV_Schw	C	1392	277	6		1
MV_Schw	T	1393	110	3		1
MV_Schw	A	1394	60	1		1
MV_Schw	C	1395	2390	15	4.05683077436258e-10	
MV_Schw	C	1396	760	3	0.00025637403808524	
MV_Schw	G	1397	318	5		1
MV_Schw	A	1398	120	0	0.297586725038221	
MV_Schw	G	1399	700	15		1
MV_Schw	A	1400	161	3		1
MV_Schw	T	1401	328	5	0.95513164991589	
MV_Schw	T	1402	895	6	0.00126888474341389	

MV_Schw	G	1403	200	3		1
MV_Schw	G	1404	161	1	0.78470776546672	
MV_Schw	G	1405	473	6	0.641186461810141	
MV_Schw	G	1406	1341	23	0.824020051690401	
MV_Schw	G	1407	341	3	0.482818471264445	
MV_Schw	G	1408	289	6		1
MV_Schw	C	1409	428	4	0.27434205540177	
MV_Schw	A	1410	515	5	0.296449891538542	
MV_Schw	A	1411	76	1		1
MV_Schw	G	1412	3870	47	4.90654890450257e-05	
MV_Schw	G	1413	1661	29	0.804012574266476	
MV_Schw	A	1414	202	2	0.822598489333375	
MV_Schw	A	1415	114	3	0.953489044526869	
MV_Schw	G	1416	634	9	0.619556855087002	
MV_Schw	A	1417	130	2		1
MV_Schw	T	1418	415	5	0.78661714180561	
MV_Schw	A	1419	322	5		1
MV_Schw	G	1420	1715	30	0.87758702541755	
MV_Schw	G	1421	219	4		1
MV_Schw	A	1422	50	1		1
MV_Schw	G	1423	591	17	0.44280652126772	
MV_Schw	G	1424	589	9	0.950262622850522	
MV_Schw	G	1425	3052	37	0.000536000093522229	
MV_Schw	T	1426	23	2	0.296710762771661	
MV_Schw	C	1427	1171	16	0.284645589750564	
MV_Schw	A	1428	610	10		1
MV_Schw	A	1429	669	9	0.490712565215331	
MV_Schw	A	1430	837	15		1
MV_Schw	C	1431	907	15	0.813457243243208	
MV_Schw	A	1432	54	1		1
MV_Schw	G	1433	169	8	0.109336969642784	
MV_Schw	A	1434	50	1		1
MV_Schw	G	1435	2056	34	0.551820327843223	
MV_Schw	T	1436	240	1	0.298485329352986	
MV_Schw	C	1437	1826	22	0.0158490317190943	
MV_Schw	G	1438	298	4	0.950262622850522	

MV_Schw	A	1439	76	2		1
MV_Schw	G	1440	2897	65	0.991517221373143	
MV_Schw	G	1441	502	11		1
MV_Schw	A	1442	118	1	0.789229943133706	
MV_Schw	G	1443	364	9	0.986363032184908	
MV_Schw	A	1444	79	2		1
MV_Schw	A	1445	157	5	0.634563222137982	
MV_Schw	G	1446	3405	72		1
MV_Schw	C	1447	746	12	0.88950624150852	
MV_Schw	C	1448	771	15		1
MV_Schw	A	1449	184	1	0.653463094391213	
MV_Schw	G	1450	2818	63		1
MV_Schw	G	1451	727	16		1
MV_Schw	G	1452	1262	28		1
MV_Schw	A	1453	60	1		1
MV_Schw	G	1454	1225	32	0.500728647414438	
MV_Schw	A	1455	78	1		1
MV_Schw	G	1456	1157	20	0.950262622850522	
MV_Schw	C	1457	628	20	0.197110025094196	
MV_Schw	T	1458	393	11	0.840983359503437	
MV_Schw	A	1459	186	2	0.948552432136014	
MV_Schw	C	1460	1174	25		1
MV_Schw	A	1461	855	11	0.35707797494517	
MV_Schw	G	1462	4134	77	0.794204819559428	
MV_Schw	A	1463	202	5		1
MV_Schw	G	1464	1403	34	0.795776776758852	
MV_Schw	A	1465	370	4	0.525839681355544	
MV_Schw	A	1466	165	3		1
MV_Schw	A	1467	609	16	0.78354985902497	
MV_Schw	C	1468	2182	36	0.500212938980029	
MV_Schw	C	1469	1184	21	0.950262622850522	
MV_Schw	G	1470	295	3	0.747277641572764	
MV_Schw	G	1471	1256	16	0.121801114556321	
MV_Schw	G	1472	1422	27		1
MV_Schw	C	1473	293	8	0.859810030547618	
MV_Schw	C	1474	145	3		1

MV_Schw	C	1475	1252	21	0.788529961779972
MV_Schw	A	1476	459	7	0.88950624150852
MV_Schw	G	1477	979	21	1
MV_Schw	C	1478	320	4	0.870477463111003
MV_Schw	A	1479	103	1	1
MV_Schw	G	1480	1033	21	1
MV_Schw	A	1481	165	3	1
MV_Schw	G	1482	1182	26	1
MV_Schw	C	1483	200	4	1
MV_Schw	A	1484	223	3	1
MV_Schw	A	1485	124	3	1
MV_Schw	G	1486	630	12	1
MV_Schw	T	1487	343	5	1
MV_Schw	G	1488	188	2	0.950262622850522
MV_Schw	A	1489	25	1	1
MV_Schw	T	1490	258	3	1
MV_Schw	G	1491	1719	15	6.07250883517013e-05
MV_Schw	C	1492	430	3	0.152199178790049
MV_Schw	G	1493	343	1	0.0340037011728573
MV_Schw	A	1494	45	1	1
MV_Schw	G	1495	1114	11	0.0111350404952786
MV_Schw	A	1496	297	3	0.747415194406969
MV_Schw	G	1497	370	2	0.0685834980642483
MV_Schw	C	1498	83	1	1
MV_Schw	T	1499	374	2	0.0693869478916248
MV_Schw	G	1500	742	2	1.30740697600815e-05
MV_Schw	C	1501	547	5	0.205562273436928
MV_Schw	C	1502	1864	21	0.00344109870565157
MV_Schw	C	1503	360	7	1
MV_Schw	A	1504	318	5	1
MV_Schw	T	1505	76	1	1
MV_Schw	C	1506	587	6	0.235036315889652
MV_Schw	T	1507	465	3	0.0975104748468945
MV_Schw	T	1508	413	6	0.950262622850522
MV_Schw	C	1509	372	1	0.00357914851038033
MV_Schw	C	1510	2209	33	0.150275484411855

MV_Schw	A	1511	543	3	0.00601756867980689
MV_Schw	A	1512	407	7	1
MV_Schw	C	1513	2021	27	0.0532560612129227
MV_Schw	C	1514	1031	15	0.449295143732283
MV_Schw	G	1515	273	3	0.944879389258477
MV_Schw	G	1516	688	13	1
MV_Schw	C	1517	3081	47	0.103118931867884
MV_Schw	A	1518	211	7	0.752394317790241
MV_Schw	C	1519	364	2	0.0919716715734722
MV_Schw	A	1520	79	1	1
MV_Schw	C	1521	60	1	1
MV_Schw	C	1522	79	1	1
MV_Schw	C	1523	209	3	1
MV_Schw	C	1524	488	10	1
MV_Schw	T	1525	578	9	1
MV_Schw	A	1526	159	2	1
MV_Schw	G	1527	297	9	0.774323460824027
MV_Schw	A	1528	68	1	1
MV_Schw	C	1529	486	10	1
MV_Schw	A	1530	126	1	1
MV_Schw	T	1531	70	2	1
MV_Schw	T	1532	473	7	0.957721317456694
MV_Schw	G	1533	215	3	1
MV_Schw	A	1534	215	3	0.957721317456694
MV_Schw	C	1535	1556	30	1
MV_Schw	A	1536	306	9	0.789229943133706
MV_Schw	C	1537	440	11	0.950262622850522
MV_Schw	T	1538	16	1	0.950262622850522
MV_Schw	G	1539	207	7	0.482213389565027
MV_Schw	C	1540	891	20	1
MV_Schw	A	1541	521	14	0.789229943133706
MV_Schw	A	1542	370	11	0.747390316041078
MV_Schw	C	1543	707	23	0.100910165243047
MV_Schw	G	1544	331	12	0.191903929734333
MV_Schw	G	1545	149	4	1
MV_Schw	A	1546	103	5	0.158069451340348

MV_Schw	G	1547	2225	71	0.000594041282609694
MV_Schw	T	1548	39	2	0.560243889454362
MV_Schw	C	1549	116	1	1
MV_Schw	C	1550	521	9	1
MV_Schw	A	1551	205	4	1
MV_Schw	G	1552	3095	99	2.26421069754810e-05
MV_Schw	C	1553	1027	25	0.944879389258477
MV_Schw	C	1554	285	7	1
MV_Schw	A	1555	124	3	1
MV_Schw	A	1556	31	0	1
MV_Schw	G	1557	1275	55	2.12328296369738e-07
MV_Schw	A	1558	64	1	1
MV_Schw	T	1559	66	2	1
MV_Schw	C	1560	112	7	0.0469203899661715
MV_Schw	C	1561	333	6	1
MV_Schw	G	1562	1944	49	0.456916167414978
MV_Schw	C	1563	1452	52	0.000243535043905277
MV_Schw	A	1564	1178	34	0.194766393590132
MV_Schw	G	1565	816	11	0.516074534558187
MV_Schw	G	1566	83	1	1
MV_Schw	A	1567	8	0	1
MV_Schw	C	1568	140	3	1
MV_Schw	A	1569	14	1	0.944879389258477
MV_Schw	G	1570	700	12	1
MV_Schw	T	1571	91	0	0.497615650989996
MV_Schw	C	1572	562	4	0.035915992343949
MV_Schw	G	1573	2116	39	1
MV_Schw	A	1574	99	1	0.944879389258477
MV_Schw	A	1575	994	26	0.632968068765344
MV_Schw	G	1576	992	29	0.19071719426311
MV_Schw	G	1577	287	2	0.298485329352986
MV_Schw	T	1578	35	1	1
MV_Schw	C	1579	120	1	1
MV_Schw	A	1580	1424	29	1
MV_Schw	G	1581	1822	43	0.89574764422965
MV_Schw	C	1582	1089	13	0.144729111493106

MV_Schw	T	1583	1318	8	6.94161049587008e-06	1
MV_Schw	G	1584	411	7		1
MV_Schw	A	1585	23	2	0.296710762771661	1
MV_Schw	C	1586	543	10		1
MV_Schw	G	1587	610	13		1
MV_Schw	C	1588	203	1	0.44280652126772	1
MV_Schw	C	1589	211	2	0.73453580589799	1
MV_Schw	C	1590	45	1		1
MV_Schw	T	1591	103	3		1
MV_Schw	G	1592	298	3	0.506554058853276	1
MV_Schw	C	1593	87	0	0.653463094391213	1
MV_Schw	T	1594	85	1		1
MV_Schw	T	1595	45	0		1
MV_Schw	A	1596	29	0		1
MV_Schw	G	1597	33	0		1
MV_Schw	G	1598	35	1	0.863499923807603	1
MV_Schw	C	1599	169	1	0.341186273229673	1
MV_Schw	T	1600	17	1	0.983041048229953	1
MV_Schw	G	1601	43	0		1
MV_Schw	C	1602	83	3	0.897349285586955	1
MV_Schw	A	1603	95	3		1
MV_Schw	A	1604	79	0	0.639207655977387	1
MV_Schw	G	1605	161	8	0.0946648171868323	1
MV_Schw	C	1606	17	0		1
MV_Schw	C	1607	52	1		1
MV_Schw	A	1608	21	0		1
MV_Schw	T	1609	35	1	0.863499923807603	1
MV_Schw	G	1610	64	1		1
MV_Schw	G	1611	116	1	0.789229943133706	1
MV_Schw	C	1612	1450	25	0.93081617452657	1
MV_Schw	A	1613	27	1	0.752394317790241	1
MV_Schw	G	1614	223	5		1
MV_Schw	G	1615	83	1		1
MV_Schw	A	1616	21	0		1
MV_Schw	A	1617	54	0	0.950262622850522	1
MV_Schw	T	1618	58	1		1

MV_Schw	C	1619	310	7		1
MV_Schw	T	1620	31	1	0.791667533131283	
MV_Schw	C	1621	405	7		1
MV_Schw	G	1622	1407	31		1
MV_Schw	G	1623	1182	21		1
MV_Schw	A	1624	93	1		1
MV_Schw	A	1625	200	2	0.822598489333375	
MV_Schw	G	1626	347	6		1
MV_Schw	A	1627	72	2		1
MV_Schw	A	1628	43	1	0.950262622850522	
MV_Schw	C	1629	733	18	0.950262622850522	
MV_Schw	A	1630	64	1		1
MV_Schw	A	1631	23	0		1
MV_Schw	G	1632	595	11		1
MV_Schw	G	1633	215	3	0.957721317456694	
MV_Schw	C	1634	661	7	0.239446226094413	
MV_Schw	T	1635	74	0	0.795198078226602	
MV_Schw	C	1636	777	5	0.00202386221156952	
MV_Schw	A	1637	207	6	0.863499923807603	
MV_Schw	G	1638	793	10	0.314092448058486	
MV_Schw	A	1639	213	1	0.161503851613234	
MV_Schw	C	1640	1438	15	0.00902074032804496	
MV_Schw	A	1641	85	2		1
MV_Schw	C	1642	779	4	0.000549511793907958	
MV_Schw	G	1643	944	9	0.0202371512205466	
MV_Schw	G	1644	304	6		1
MV_Schw	A	1645	192	2	0.822598489333375	
MV_Schw	C	1646	502	5	0.334609302718848	
MV_Schw	A	1647	39	2	0.560243889454362	
MV_Schw	C	1648	138	1	0.673422966374487	
MV_Schw	C	1649	56	2	0.968890372475178	
MV_Schw	C	1650	81	0	0.641186461810141	
MV_Schw	C	1651	661	5	0.0176695265173447	
MV_Schw	T	1652	149	1	0.550155392537109	
MV_Schw	A	1653	99	1	0.944879389258477	
MV_Schw	T	1654	29	0		1

MV_Schw	A	1655	19	1		1
MV_Schw	G	1656	39	0		1
MV_Schw	T	1657	12	0		1
MV_Schw	G	1658	130	2		1
MV_Schw	T	1659	41	0		1
MV_Schw	A	1660	39	0		1
MV_Schw	C	1661	688	12		1
MV_Schw	A	1662	41	0		1
MV_Schw	A	1663	23	1		1
MV_Schw	T	1664	83	0	0.645428736569362	
MV_Schw	G	1665	37	0		1
MV_Schw	A	1666	68	0	0.789229943133706	
MV_Schw	C	1667	459	6	0.717344502003652	
MV_Schw	A	1668	223	7	0.788293646497135	
MV_Schw	G	1669	453	5	0.355607115956135	
MV_Schw	A	1670	27	2	0.355295708921217	
MV_Schw	A	1671	21	1		1
MV_Schw	A	1672	29	1		1
MV_Schw	T	1673	50	0	0.950262622850522	
MV_Schw	C	1674	186	3		1
MV_Schw	T	1675	19	0		1
MV_Schw	T	1676	109	0	0.381672248067152	
MV_Schw	C	1677	438	8		1
MV_Schw	T	1678	25	1		1
MV_Schw	A	1679	14	0		1
MV_Schw	G	1680	72	0	0.791667533131283	
MV_Schw	A	1681	2	1	0.491835918445353	
MV_Schw	C	1682	54	1		1
MV_Schw	T	1683	12	0		1
MV_Schw	A	1684	10	1	0.822598489333375	
MV_Schw	G	1685	264	4		1
MV_Schw	G	1686	21	0		1
MV_Schw	T	1687	17	1	0.983041048229953	
MV_Schw	G	1688	105	1		1
MV_Schw	C	1689	48	1		1
MV_Schw	G	1690	184	3		1

MV_Schw	A	1691	33	3	0.197209929577240
MV_Schw	G	1692	240	7	0.91629883023733
MV_Schw	A	1693	39	1	0.9314909603024
MV_Schw	G	1694	41	0	1
MV_Schw	G	1695	134	1	0.66330042087892
MV_Schw	C	1696	378	1	0.0191302408693408
MV_Schw	C	1697	83	1	1
MV_Schw	G	1698	85	0	0.648224297390367
MV_Schw	A	1699	72	2	1
MV_Schw	G	1700	136	1	0.983041048229953
MV_Schw	G	1701	89	3	0.944879389258477
MV_Schw	G	1702	244	3	0.996771597822493
MV_Schw	C	1703	78	0	0.638894311640422
MV_Schw	C	1704	47	0	1
MV_Schw	A	1705	97	3	1
MV_Schw	G	1706	343	1	0.0340037011728573
MV_Schw	A	1707	85	0	0.648224297390367
MV_Schw	A	1708	225	0	0.0222273767865594
MV_Schw	C	1709	172	1	0.342651296301386
MV_Schw	A	1710	6	0	1
MV_Schw	A	1711	4	0	1
MV_Schw	C	1712	203	2	0.822598489333375
MV_Schw	A	1713	33	1	0.822598489333375
MV_Schw	T	1714	21	1	1
MV_Schw	C	1715	81	1	1
MV_Schw	C	1716	184	3	1
MV_Schw	G	1717	219	6	0.974212843118987
MV_Schw	C	1718	192	13	0.000558788705942422
MV_Schw	C	1719	917	42	1.14058422454697e-06
MV_Schw	T	1720	10	1	0.822598489333375
MV_Schw	A	1721	17	1	0.528591092326266
MV_Schw	C	1722	14	1	0.426789350155389
MV_Schw	C	1723	33	1	1
MV_Schw	A	1724	62	1	1
MV_Schw	T	1725	8	1	0.789229943133706
MV_Schw	C	1726	16	1	0.483965165529824

MV_Schw	C	1727	76	8)	0.000334000793653687
MV_Schw	A	1728	35	0	1
MV_Schw	T	1729	8	0	1
MV_Schw	C	1730	81	4	0.305908359426921
MV_Schw	A	1731	33	3	0.197209929577240
MV_Schw	T	1732	16	0	1
MV_Schw	T	1733	10	0	1
MV_Schw	G	1734	64	2	1
MV_Schw	T	1735	2	0	1
MV_Schw	T	1736	4	0	1
MV_Schw	A	1737	19	0	1
MV_Schw	T	1738	23	1	1
MV_Schw	A	1739	233	1	0.124094801360285
MV_Schw	A	1740	74	0	0.795198078226602
MV_Schw	A	1741	31	0	1
MV_Schw	A	1742	12	0	1
MV_Schw	A	1743	10	0	1
MV_Schw	A	1744	4	0	1
MV_Schw	C	1745	163	0	0.120796610672436
MV_Schw	T	1746	31	1	1
MV_Schw	T	1747	54	0	0.950262622850522
MV_Schw	A	1748	21	0	1
MV_Schw	G	1749	37	0	1
MV_Schw	G	1750	41	1	1
MV_Schw	A	1751	6	0	1
MV_Schw	A	1752	47	1	1
MV_Schw	C	1753	79	1	1
MV_Schw	C	1754	87	1	1
MV_Schw	A	1755	58	0	0.953489044526869
MV_Schw	G	1756	390	6	1
MV_Schw	G	1757	465	7	0.889815154074766
MV_Schw	T	1758	72	1	1
MV_Schw	C	1759	58	0	0.953489044526869
MV_Schw	C	1760	339	5	1
MV_Schw	A	1761	64	0	0.789229943133706
MV_Schw	C	1762	413	19	0.00194946041036825

MV_Schw	A	1763	186	2	0.948552432136014
MV_Schw	C	1764	490	27	2.81842081722681e-06
MV_Schw	A	1765	176	5	1
MV_Schw	G	1766	174	9	0.0243252704645297
MV_Schw	C	1767	442	11	1
MV_Schw	C	1768	453	19	0.0143155646037661
MV_Schw	G	1769	351	4	0.696400797652402
MV_Schw	C	1770	211	2	0.73453580589799
MV_Schw	C	1771	205	3	1
MV_Schw	A	1772	54	1	1
MV_Schw	G	1773	155	0	0.118807954027477
MV_Schw	C	1774	45	1	1
MV_Schw	C	1775	35	1	0.863499923807603
MV_Schw	C	1776	101	5	0.294418906897392
MV_Schw	A	1777	35	1	1
MV_Schw	T	1778	8	0	1
MV_Schw	C	1779	281	1	0.141049492085993
MV_Schw	A	1780	21	0	1
MV_Schw	A	1781	35	0	1
MV_Schw	C	1782	78	1	1
MV_Schw	C	1783	207	1	0.222002676269896
MV_Schw	A	1784	48	1	1
MV_Schw	T	1785	29	0	1
MV_Schw	C	1786	19	0	1
MV_Schw	C	1787	19	1	1
MV_Schw	A	1788	10	0	1
MV_Schw	C	1789	23	0	1
MV_Schw	T	1790	10	0	1
MV_Schw	C	1791	12	0	1
MV_Schw	C	1792	81	1	1
MV_Schw	C	1793	93	3	1
MV_Schw	A	1794	31	1	0.791667533131283
MV_Schw	C	1795	29	0	1
MV_Schw	G	1796	35	0	1
MV_Schw	A	1797	19	0	1
MV_Schw	T	1798	10	0	1

MV_Schw	T	1799	8	0		1
MV_Schw	G	1800	16	1	0.950262622850522	
MV_Schw	G	1801	17	1	0.983041048229953	
MV_Schw	A	1802	23	0		1
MV_Schw	G	1803	275	5		1
MV_Schw	C	1804	12	0		1
MV_Schw	C	1805	35	0		1
MV_Schw	A	1806	12	1	0.88950624150852	
MV_Schw	A	1807	4	0		1
MV_Schw	T	1808	130	1	0.983041048229953	
MV_Schw	G	1809	31	1		1
MV_Schw	G	1810	29	0		1
MV_Schw	C	1811	99	3		1
MV_Schw	A	1812	83	1		1
MV_Schw	G	1813	266	3	0.686252029850593	
MV_Schw	A	1814	6	0		1
MV_Schw	A	1815	116	3		1
MV_Schw	G	1816	99	1	0.944879389258477	
MV_Schw	A	1817	81	3	0.88950624150852	
MV_Schw	G	1818	110	3		1
MV_Schw	C	1819	192	3		1
MV_Schw	A	1820	190	2	0.950262622850522	
MV_Schw	G	1821	149	3		1
MV_Schw	G	1822	233	5		1
MV_Schw	C	1823	209	4		1
MV_Schw	A	1824	78	1		1
MV_Schw	C	1825	203	8	0.265409150886041	
MV_Schw	G	1826	289	5		1
MV_Schw	C	1827	16	0		1
MV_Schw	C	1828	89	0	0.497615650989996	
MV_Schw	A	1829	12	1	0.88950624150852	
MV_Schw	T	1830	16	1	0.483965165529824	
MV_Schw	G	1831	35	1	0.863499923807603	
MV_Schw	T	1832	29	1	0.789229943133706	
MV_Schw	C	1833	169	7	0.369799389479636	
MV_Schw	A	1834	14	0		1

MV_Schw	A	1835	17	1	0.983041048229953
MV_Schw	A	1836	17	0	1
MV_Schw	A	1837	41	1	1
MV_Schw	A	1838	16	0	1
MV_Schw	C	1839	60	2	0.983041048229953
MV_Schw	G	1840	37	1	1
MV_Schw	G	1841	58	1	1
MV_Schw	A	1842	23	0	1
MV_Schw	C	1843	295	19	2.17650037716547e-05
MV_Schw	T	1844	10	0	1
MV_Schw	G	1845	103	3	0.950262622850522
MV_Schw	G	1846	16	1	0.950262622850522
MV_Schw	A	1847	79	3	0.658415249679101
MV_Schw	A	1848	124	3	1
MV_Schw	T	1849	52	1	1
MV_Schw	G	1850	43	1	1
MV_Schw	C	1851	76	1	1
MV_Schw	A	1852	114	3	1
MV_Schw	T	1853	114	6	0.116287881036388
MV_Schw	C	1854	459	18	0.0321058101511356
MV_Schw	C	1855	196	5	0.950262622850522
MV_Schw	G	1856	428	21	0.000412428784788986
MV_Schw	G	1857	70	3	0.819327818667335
MV_Schw	G	1858	452	32	2.24806724410208e-10
MV_Schw	C	1859	35	1	1
MV_Schw	T	1860	52	2	0.78354985902497
MV_Schw	C	1861	91	1	1
MV_Schw	T	1862	21	1	1
MV_Schw	C	1863	176	1	0.648224297390367
MV_Schw	A	1864	41	1	1
MV_Schw	A	1865	27	2	0.355295708921217
MV_Schw	G	1866	124	7	0.0769928239219915
MV_Schw	G	1867	347	7	1
MV_Schw	C	1868	99	1	1
MV_Schw	C	1869	143	3	1
MV_Schw	G	1870	70	3	0.395791012435089

MV_Schw	A	1871	78	1		1
MV_Schw	G	1872	54	3	0.480219983992261	
MV_Schw	C	1873	17	0		1
MV_Schw	C	1874	17	1	0.983041048229953	
MV_Schw	C	1875	52	0	0.950262622850522	
MV_Schw	A	1876	47	2	0.678058690427187	
MV_Schw	T	1877	54	3	0.237817203872315	
MV_Schw	C	1878	45	1		1
MV_Schw	G	1879	68	3	0.378469870290234	
MV_Schw	G	1880	62	3	0.307480793677112	
MV_Schw	C	1881	23	1		1
MV_Schw	T	1882	23	1		1
MV_Schw	C	1883	35	1		1
MV_Schw	A	1884	4	0		1
MV_Schw	C	1885	27	2	0.355295708921217	
MV_Schw	T	1886	81	1		1
MV_Schw	G	1887	21	0		1
MV_Schw	G	1888	12	0		1
MV_Schw	C	1889	23	1	0.658415249679101	
MV_Schw	C	1890	43	1		1
MV_Schw	A	1891	27	1		1
MV_Schw	T	1892	17	1	0.528591092326266	
MV_Schw	C	1893	132	2		1
MV_Schw	G	1894	70	1		1
MV_Schw	A	1895	110	0	0.385864542883514	
MV_Schw	G	1896	211	5		1
MV_Schw	G	1897	180	3		1
MV_Schw	A	1898	33	1		1
MV_Schw	A	1899	21	0		1
MV_Schw	G	1900	93	3	0.747390316041078	
MV_Schw	C	1901	93	1		1
MV_Schw	T	1902	41	1		1
MV_Schw	A	1903	41	0		1
MV_Schw	T	1904	81	0	0.641186461810141	
MV_Schw	G	1905	114	0	0.395791012435089	
MV_Schw	G	1906	116	3		1

MV_Schw	C	1907	124	1		1
MV_Schw	A	1908	35	1	0.863499923807603	
MV_Schw	G	1909	141	3		1
MV_Schw	C	1910	107	1		1
MV_Schw	A	1911	91	2		1
MV_Schw	T	1912	25	1		1
MV_Schw	G	1913	16	0		1
MV_Schw	G	1914	273	5		1
MV_Schw	T	1915	12	0		1
MV_Schw	C	1916	579	4	0.0284220601745394	
MV_Schw	A	1917	103	2		1
MV_Schw	G	1918	523	5	0.142549036275654	
MV_Schw	A	1919	126	4	0.828135947034	
MV_Schw	A	1920	47	3	0.161503851613234	
MV_Schw	A	1921	37	1	0.88950624150852	
MV_Schw	T	1922	58	2	0.98139756833885	
MV_Schw	A	1923	39	1	0.9314909603024	
MV_Schw	T	1924	12	0		1
MV_Schw	C	1925	109	2		1
MV_Schw	A	1926	221	1	0.356200658338914	
MV_Schw	G	1927	172	3		1
MV_Schw	A	1928	16	1	0.950262622850522	
MV_Schw	C	1929	110	2		1
MV_Schw	A	1930	4	0		1
MV_Schw	A	1931	10	0		1
MV_Schw	C	1932	116	3	0.957721317456694	
MV_Schw	C	1933	68	1		1
MV_Schw	C	1934	124	1	0.791667533131283	
MV_Schw	A	1935	19	1	0.57780206681461	
MV_Schw	G	1936	184	10	0.0161017557873181	
MV_Schw	G	1937	126	5	0.536502598785117	
MV_Schw	A	1938	37	1		1
MV_Schw	C	1939	203	5		1
MV_Schw	A	1940	8	0		1
MV_Schw	G	1941	78	1		1
MV_Schw	G	1942	568	6	0.277540685711253	

MV_Schw	A	1943	35	0		1
MV_Schw	G	1944	359	11	0.634563222137982	
MV_Schw	C	1945	114	1		1
MV_Schw	G	1946	203	5		1
MV_Schw	A	1947	29	0		1
MV_Schw	G	1948	432	9		1
MV_Schw	C	1949	155	5	0.91293301557491	
MV_Schw	C	1950	35	1		1
MV_Schw	A	1951	54	1		1
MV_Schw	C	1952	54	2	0.789229943133706	
MV_Schw	C	1953	39	2	0.560243889454362	
MV_Schw	T	1954	25	1		1
MV_Schw	G	1955	132	1	0.983041048229953	
MV_Schw	C	1956	109	3		1
MV_Schw	A	1957	25	2	0.314611398059001	
MV_Schw	G	1958	74	1		1
MV_Schw	G	1959	91	1		1
MV_Schw	G	1960	14	0		1
MV_Schw	A	1961	17	0		1
MV_Schw	A	1962	37	0		1
MV_Schw	G	1963	192	9	0.0576044041671264	
MV_Schw	A	1964	16	1	0.950262622850522	
MV_Schw	G	1965	62	3	0.57780206681461	
MV_Schw	A	1966	81	1		1
MV_Schw	A	1967	45	1		1
MV_Schw	G	1968	141	2		1
MV_Schw	G	1969	60	1		1
MV_Schw	C	1970	180	5		1
MV_Schw	A	1971	39	0		1
MV_Schw	G	1972	374	9		1
MV_Schw	G	1973	186	7	0.44055837109039	
MV_Schw	C	1974	64	3	0.609091736782917	
MV_Schw	A	1975	48	1		1
MV_Schw	G	1976	163	2		1
MV_Schw	T	1977	130	3		1
MV_Schw	T	1978	70	2		1

MV_Schw	C	1979	409	11	0.950262622850522
MV_Schw	G	1980	238	3	0.88950624150852
MV_Schw	G	1981	285	3	0.606464429862209
MV_Schw	G	1982	413	10	1
MV_Schw	T	1983	83	2	1
MV_Schw	C	1984	81	0	0.641186461810141
MV_Schw	T	1985	8	0	1
MV_Schw	C	1986	525	11	1
MV_Schw	A	1987	298	5	1
MV_Schw	G	1988	541	9	0.99007620189019
MV_Schw	C	1989	107	1	0.945767847051808
MV_Schw	A	1990	78	2	1
MV_Schw	A	1991	23	1	0.658415249679101
MV_Schw	A	1992	16	0	1
MV_Schw	C	1993	335	5	0.957721317456694
MV_Schw	C	1994	87	3	0.935220820395243
MV_Schw	A	1995	19	0	1
MV_Schw	T	1996	39	3	0.273798916014578
MV_Schw	G	1997	39	1	0.9314909603024
MV_Schw	C	1998	89	1	1
MV_Schw	C	1999	52	2	0.78354985902497
MV_Schw	T	2000	0	0	1
MV_Schw	C	2001	58	2	0.98139756833885
MV_Schw	T	2002	8	1	0.258627633593378
MV_Schw	C	2003	122	3	0.983041048229953
MV_Schw	A	2004	47	1	1
MV_Schw	G	2005	159	7	0.255832629066036
MV_Schw	C	2006	23	1	0.658415249679101
MV_Schw	A	2007	29	0	1
MV_Schw	A	2008	29	1	1
MV_Schw	T	2009	14	0	1
MV_Schw	T	2010	14	0	1
MV_Schw	G	2011	19	2	0.224063006917908
MV_Schw	G	2012	45	0	1
MV_Schw	A	2013	31	0	1
MV_Schw	T	2014	25	1	1

MV_Schw	C	2015	10	1	0.822598489333375
MV_Schw	A	2016	10	1	0.822598489333375
MV_Schw	A	2017	8	0	1
MV_Schw	C	2018	79	2	1
MV_Schw	T	2019	56	2	0.968890372475178
MV_Schw	G	2020	27	1	1
MV_Schw	A	2021	8	0	1
MV_Schw	A	2022	91	1	1
MV_Schw	G	2023	138	2	1
MV_Schw	G	2024	45	3	0.340185031164498
MV_Schw	C	2025	50	1	1
MV_Schw	G	2026	126	0	0.305061614162072
MV_Schw	G	2027	217	3	1
MV_Schw	T	2028	130	3	1
MV_Schw	G	2029	81	1	1
MV_Schw	C	2030	43	1	1
MV_Schw	A	2031	19	0	1
MV_Schw	C	2032	52	3	0.445919862395878
MV_Schw	C	2033	678	17	0.944879389258477
MV_Schw	T	2034	25	0	1
MV_Schw	C	2035	81	1	1
MV_Schw	G	2036	27	0	1
MV_Schw	C	2037	116	4	0.795434284511944
MV_Schw	A	2038	27	0	1
MV_Schw	T	2039	10	0	1
MV_Schw	C	2040	72	1	1
MV_Schw	C	2041	25	0	1
MV_Schw	G	2042	19	0	1
MV_Schw	C	2043	60	1	1
MV_Schw	G	2044	151	1	0.553693656798976
MV_Schw	G	2045	60	0	0.957721317456694
MV_Schw	T	2046	12	0	1
MV_Schw	C	2047	48	1	1
MV_Schw	A	2048	16	0	1
MV_Schw	G	2049	155	7	0.237162696059595
MV_Schw	G	2050	16	0	1

MV_Schw	G	2051	27	1		1
MV_Schw	A	2052	19	1		1
MV_Schw	C	2053	43	3	0.12801336938299	
MV_Schw	C	2054	60	5	0.0155102898705156	
MV_Schw	T	2055	39	1	0.9314909603024	
MV_Schw	G	2056	50	2	0.746970975838775	
MV_Schw	G	2057	45	0		1
MV_Schw	A	2058	41	0		1
MV_Schw	G	2059	72	1		1
MV_Schw	A	2060	12	0		1
MV_Schw	G	2061	37	1		1
MV_Schw	A	2062	12	1	0.88950624150852	
MV_Schw	G	2063	213	5		1
MV_Schw	C	2064	105	5	0.168224922173507	
MV_Schw	G	2065	62	1		1
MV_Schw	A	2066	68	2		1
MV_Schw	T	2067	120	4	0.813457243243208	
MV_Schw	G	2068	103	1	0.944879389258477	
MV_Schw	A	2069	16	0		1
MV_Schw	C	2070	572	22	0.0188268016494874	
MV_Schw	G	2071	79	3	0.658415249679101	
MV_Schw	A	2072	25	1		1
MV_Schw	C	2073	147	7	0.126593150614623	
MV_Schw	G	2074	58	1		1
MV_Schw	C	2075	213	12	0.00444230988652097	
MV_Schw	T	2076	50	1		1
MV_Schw	G	2077	188	9	0.0529105666346528	
MV_Schw	A	2078	35	1		1
MV_Schw	A	2079	31	1	0.791667533131283	
MV_Schw	A	2080	19	0		1
MV_Schw	C	2081	112	3	0.950262622850522	
MV_Schw	T	2082	48	5	0.0200563728790100	
MV_Schw	T	2083	21	1		1
MV_Schw	T	2084	153	3		1
MV_Schw	G	2085	448	7		1
MV_Schw	G	2086	116	9	0.000920302878117562	

MV_Schw	G	2087	141	4		1
MV_Schw	A	2088	14	0		1
MV_Schw	A	2089	23	0		1
MV_Schw	T	2090	19	0		1
MV_Schw	C	2091	145	6	0.307480793677112	
MV_Schw	C	2092	169	5	0.789229943133706	
MV_Schw	C	2093	289	13	0.0390381057026112	
MV_Schw	C	2094	93	3		1
MV_Schw	C	2095	217	7	0.770363429662708	
MV_Schw	C	2096	347	9		1
MV_Schw	A	2097	194	3		1
MV_Schw	A	2098	25	0		1
MV_Schw	G	2099	428	9		1
MV_Schw	A	2100	17	1	0.983041048229953	
MV_Schw	A	2101	21	0		1
MV_Schw	A	2102	14	0		1
MV_Schw	T	2103	68	1		1
MV_Schw	C	2104	153	4		1
MV_Schw	T	2105	25	0		1
MV_Schw	C	2106	217	6	0.969676682971856	
MV_Schw	C	2107	233	3		1
MV_Schw	A	2108	41	2	0.599534349993353	
MV_Schw	G	2109	29	1	0.789229943133706	
MV_Schw	G	2110	47	2	0.678058690427187	
MV_Schw	C	2111	4	0		1
MV_Schw	A	2112	43	0		1
MV_Schw	T	2113	10	0		1
MV_Schw	C	2114	66	1		1
MV_Schw	A	2115	12	1	0.88950624150852	
MV_Schw	A	2116	6	0		1
MV_Schw	G	2117	97	1		1
MV_Schw	C	2118	105	2		1
MV_Schw	A	2119	10	0		1
MV_Schw	C	2120	176	4		1
MV_Schw	T	2121	4	0		1
MV_Schw	G	2122	31	0		1

MV_Schw	G	2123	19	1		1
MV_Schw	G	2124	58	2	0.98139756833885	
MV_Schw	T	2125	21	0		1
MV_Schw	T	2126	2	0		1
MV_Schw	A	2127	6	0		1
MV_Schw	C	2128	33	1	0.822598489333375	
MV_Schw	A	2129	12	0		1
MV_Schw	G	2130	151	1	0.553693656798976	
MV_Schw	T	2131	17	0		1
MV_Schw	G	2132	54	1		1
MV_Schw	T	2133	4	0		1
MV_Schw	T	2134	23	1		1
MV_Schw	A	2135	64	2		1
MV_Schw	T	2136	45	0		1
MV_Schw	T	2137	31	2	0.428411386231373	
MV_Schw	A	2138	21	3	0.0746595992424665	
MV_Schw	C	2139	62	0	0.789229943133706	
MV_Schw	G	2140	200	5	0.953489044526869	
MV_Schw	T	2141	6	1	0.704667204683568	
MV_Schw	T	2142	35	1		1
MV_Schw	T	2143	54	0	0.950262622850522	
MV_Schw	A	2144	6	1	0.704667204683568	
MV_Schw	T	2145	29	0		1
MV_Schw	G	2146	287	7		1
MV_Schw	A	2147	43	0		1
MV_Schw	T	2148	17	0		1
MV_Schw	C	2149	41	2	0.599534349993353	
MV_Schw	A	2150	48	3	0.390345857720356	
MV_Schw	C	2151	269	6		1
MV_Schw	A	2152	33	3	0.197209929577240	
MV_Schw	G	2153	169	8	0.109336969642784	
MV_Schw	C	2154	62	1		1
MV_Schw	G	2155	130	3		1
MV_Schw	G	2156	95	3	0.764161655608143	
MV_Schw	T	2157	25	0		1
MV_Schw	G	2158	151	5	0.897349285586955	

MV_Schw	A	2159	60	3	0.298698990757132
MV_Schw	A	2160	297	7	1
MV_Schw	G	2161	329	11	0.307480793677112
MV_Schw	C	2162	91	7	0.0147022297036108
MV_Schw	G	2163	326	13	0.124094801360285
MV_Schw	G	2164	314	16	0.00237763400740755
MV_Schw	T	2165	52	3	0.445919862395878
MV_Schw	T	2166	188	8	0.224063006917908
MV_Schw	A	2167	54	3	0.237817203872315
MV_Schw	A	2168	1060	42	9.98485940591552e-05
MV_Schw	G	2169	752	41	3.21769210638808e-09
MV_Schw	G	2170	550	31	2.4412537146314e-07
MV_Schw	G	2171	81	9	3.55435878669501e-05
MV_Schw	A	2172	10	1	0.822598489333375
MV_Schw	A	2173	260	10	0.211230433289291
MV_Schw	T	2174	56	4	0.106459164393546
MV_Schw	C	2175	1029	43	1.31887073627038e-05
MV_Schw	C	2176	273	12	0.0488236628860313
MV_Schw	A	2177	126	3	1
MV_Schw	A	2178	64	4	0.158900683800736
MV_Schw	G	2179	438	12	0.789229943133706
MV_Schw	A	2180	33	3	0.0621625989443951
MV_Schw	T	2181	227	13	0.00138700917665090
MV_Schw	G	2182	578	18	0.307162781591674
MV_Schw	C	2183	128	7	0.0898325700744241
MV_Schw	T	2184	99	4	0.560243889454362
MV_Schw	G	2185	145	4	1
MV_Schw	A	2186	122	7	0.0310014318320891
MV_Schw	C	2187	174	8	0.121832950892168
MV_Schw	T	2188	10	1	0.822598489333375
MV_Schw	C	2189	78	2	1
MV_Schw	T	2190	29	1	1
MV_Schw	A	2191	48	3	0.390345857720356
MV_Schw	T	2192	60	2	0.983041048229953
MV_Schw	C	2193	114	5	0.463720798159947
MV_Schw	A	2194	27	0	1

MV_Schw	T	2195	21	1		1
MV_Schw	G	2196	25	3	0.0284220601745394	
MV_Schw	G	2197	448	14	0.379992343008361	
MV_Schw	T	2198	17	1	0.983041048229953	
MV_Schw	T	2199	4	0		1
MV_Schw	C	2200	35	2	0.497615650989996	
MV_Schw	A	2201	19	1		1
MV_Schw	A	2202	66	2		1
MV_Schw	T	2203	56	2	0.968890372475178	
MV_Schw	C	2204	153	6	0.456036065441935	
MV_Schw	A	2205	6	1	0.704667204683568	
MV_Schw	G	2206	35	1		1
MV_Schw	G	2207	112	1		1
MV_Schw	C	2208	329	12	0.187874728258615	
MV_Schw	C	2209	48	2	0.709032941865358	
MV_Schw	T	2210	25	1		1
MV_Schw	T	2211	21	0		1
MV_Schw	G	2212	85	1		1
MV_Schw	A	2213	23	1	0.658415249679101	
MV_Schw	T	2214	116	5	0.479133435065576	
MV_Schw	G	2215	93	4	0.532185081645424	
MV_Schw	G	2216	174	6	0.658415249679101	
MV_Schw	T	2217	81	4	0.305908359426921	
MV_Schw	G	2218	112	3		1
MV_Schw	A	2219	143	3		1
MV_Schw	T	2220	205	7	0.619556855087002	
MV_Schw	A	2221	79	0	0.639207655977387	
MV_Schw	G	2222	132	3		1
MV_Schw	C	2223	149	2		1
MV_Schw	A	2224	12	0		1
MV_Schw	C	2225	130	2		1
MV_Schw	C	2226	47	1		1
MV_Schw	C	2227	91	2		1
MV_Schw	T	2228	10	0		1
MV_Schw	C	2229	155	1	0.88950624150852	
MV_Schw	T	2230	23	0		1

MV_Schw	C	2231	122	3	0.983041048229953
MV_Schw	A	2232	171	1	0.789229943133706
MV_Schw	G	2233	234	3	1
MV_Schw	G	2234	41	0	1
MV_Schw	A	2235	21	0	1
MV_Schw	G	2236	43	0	1
MV_Schw	G	2237	153	1	0.88950624150852
MV_Schw	A	2238	41	1	1
MV_Schw	G	2239	105	2	1
MV_Schw	A	2240	4	0	1
MV_Schw	C	2241	72	1	1
MV_Schw	A	2242	56	1	1
MV_Schw	A	2243	68	1	1
MV_Schw	T	2244	132	3	1
MV_Schw	G	2245	47	0	1
MV_Schw	A	2246	6	0	1
MV_Schw	A	2247	23	1	1
MV_Schw	T	2248	37	1	1
MV_Schw	C	2249	399	3	0.234360961542297
MV_Schw	T	2250	248	3	0.789229943133706
MV_Schw	G	2251	174	5	1
MV_Schw	A	2252	196	7	0.342103452023548
MV_Schw	A	2253	306	8	0.950262622850522
MV_Schw	A	2254	76	3	0.467924584055268
MV_Schw	A	2255	74	4	0.237817203872315
MV_Schw	C	2256	508	8	0.98139756833885
MV_Schw	A	2257	47	3	0.161503851613234
MV_Schw	G	2258	283	5	1
MV_Schw	C	2259	118	13	3.63666358713052e-07
MV_Schw	G	2260	91	7	0.00480369783421750
MV_Schw	A	2261	43	3	0.308038546605154
MV_Schw	T	2262	101	3	0.789229943133706
MV_Schw	G	2263	107	4	0.619556855087002
MV_Schw	T	2264	236	6	1
MV_Schw	G	2265	112	5	0.449295143732283
MV_Schw	G	2266	52	7	8.92355533329314e-05

MV_Schw	A	2267	93	7	0.00551710625234576
MV_Schw	T	2268	37	3	0.245202640825390
MV_Schw	A	2269	110	4	0.639207655977387
MV_Schw	T	2270	31	1	1
MV_Schw	T	2271	368	21	5.58141355133881e-05
MV_Schw	G	2272	1054	37	0.00481222959521215
MV_Schw	G	2273	713	23	0.104857264946041
MV_Schw	C	2274	285	14	0.00793670273477432
MV_Schw	G	2275	612	48	2.64657277311893e-17
MV_Schw	A	2276	25	1	0.704667204683568
MV_Schw	A	2277	78	4	0.275013872879573
MV_Schw	C	2278	126	8	0.0148778935506708
MV_Schw	C	2279	366	13	0.166517226253501
MV_Schw	T	2280	31	1	0.791667533131283
MV_Schw	G	2281	41	2	0.599534349993353
MV_Schw	A	2282	39	1	0.9314909603024
MV_Schw	T	2283	134	8	0.0221448235477836
MV_Schw	A	2284	8	0	1
MV_Schw	C	2285	229	11	0.042880960988935
MV_Schw	C	2286	103	3	0.950262622850522
MV_Schw	G	2287	132	1	0.983041048229953
MV_Schw	A	2288	316	11	0.370762137324516
MV_Schw	G	2289	942	36	0.00111676234009455
MV_Schw	G	2290	355	14	0.077975044515965
MV_Schw	G	2291	39	0	1
MV_Schw	A	2292	47	3	0.161503851613234
MV_Schw	T	2293	39	3	0.273798916014578
MV_Schw	A	2294	153	8	0.0501800242731928
MV_Schw	T	2295	58	3	0.528591092326266
MV_Schw	G	2296	112	3	0.950262622850522
MV_Schw	C	2297	279	8	0.822598489333375
MV_Schw	T	2298	244	4	1
MV_Schw	A	2299	83	2	1
MV_Schw	T	2300	138	7	0.0603533834492057
MV_Schw	C	2301	178	4	1
MV_Schw	A	2302	60	2	0.983041048229953

MV_Schw	C	2303	209	7	0.74759132369802	
MV_Schw	T	2304	62	1		1
MV_Schw	G	2305	231	7	0.88950624150852	
MV_Schw	A	2306	41	1	0.945767847051808	
MV_Schw	C	2307	756	18		1
MV_Schw	C	2308	2291	63	0.0791520775103201	
MV_Schw	G	2309	114	4	0.658415249679101	
MV_Schw	G	2310	384	11	0.652701935619823	
MV_Schw	G	2311	463	16	0.161587872238033	
MV_Schw	G	2312	281	8	0.824463476303577	
MV_Schw	A	2313	147	2		1
MV_Schw	T	2314	165	2		1
MV_Schw	C	2315	165	2		1
MV_Schw	T	2316	70	1		1
MV_Schw	G	2317	141	0	0.235179608025014	
MV_Schw	C	2318	545	17	0.337352366102426	
MV_Schw	T	2319	269	9	0.609091736782917	
MV_Schw	C	2320	421	5	0.49563608840948	
MV_Schw	C	2321	81	1		1
MV_Schw	C	2322	99	0	0.509396577320122	
MV_Schw	A	2323	83	2		1
MV_Schw	T	2324	85	0	0.648224297390367	
MV_Schw	C	2325	78	0	0.638894311640422	
MV_Schw	NA	2326	0	0		NA
MV_Schw	C	2327	70	1		1
MV_Schw	T	2328	29	0		1
MV_Schw	A	2329	155	3		1
MV_Schw	T	2330	93	3		1
MV_Schw	G	2331	151	1	0.88950624150852	
MV_Schw	G	2332	29	1		1
MV_Schw	G	2333	50	1		1
MV_Schw	G	2334	143	3		1
MV_Schw	T	2335	103	1		1
MV_Schw	T	2336	23	0		1
MV_Schw	C	2337	203	3		1
MV_Schw	A	2338	128	1		1

MV_Schw	G	2339	517	5	0.178157396746871
MV_Schw	G	2340	347	9	0.9148119441053
MV_Schw	G	2341	60	1	1
MV_Schw	C	2342	23	0	1
MV_Schw	T	2343	58	1	1
MV_Schw	T	2344	16	0	1
MV_Schw	C	2345	266	6	1
MV_Schw	T	2346	19	0	1
MV_Schw	G	2347	39	1	1
MV_Schw	A	2348	6	0	1
MV_Schw	T	2349	27	1	0.752394317790241
MV_Schw	G	2350	188	7	0.555926296680122
MV_Schw	T	2351	16	1	0.950262622850522
MV_Schw	T	2352	48	3	0.390345857720356
MV_Schw	G	2353	87	2	1
MV_Schw	A	2354	23	0	1
MV_Schw	A	2355	16	1	0.950262622850522
MV_Schw	A	2356	58	1	1
MV_Schw	C	2357	105	3	1
MV_Schw	T	2358	35	2	0.497615650989996
MV_Schw	G	2359	93	3	1
MV_Schw	C	2360	314	5	1
MV_Schw	A	2361	403	9	1
MV_Schw	G	2362	149	9	0.0189378145207759
MV_Schw	A	2363	31	0	1
MV_Schw	A	2364	17	1	0.528591092326266
MV_Schw	G	2365	124	5	0.346347435414351
MV_Schw	G	2366	45	4	0.0485139564708208
MV_Schw	A	2367	116	3	0.957721317456694
MV_Schw	G	2368	78	5	0.0496502660885715
MV_Schw	G	2369	1058	52	2.22461211537221e-09
MV_Schw	G	2370	64	6	0.00616503932535731
MV_Schw	G	2371	81	4	0.305908359426921
MV_Schw	A	2372	27	0	1
MV_Schw	G	2373	200	15	3.56079206718346e-05
MV_Schw	A	2374	21	2	0.258627633593378

MV_Schw	T	2375	95	3		1
MV_Schw	C	2376	395	12	0.576193745443697	
MV_Schw	C	2377	215	6	0.88950624150852	
MV_Schw	A	2378	217	9	0.136107188572645	
MV_Schw	C	2379	702	17		1
MV_Schw	G	2380	1614	60	1.78197142667677e-05	
MV_Schw	A	2381	39	2	0.560243889454362	
MV_Schw	G	2382	364	15	0.0583988383013822	
MV_Schw	C	2383	25	3	0.110260611333144	
MV_Schw	T	2384	74	1		1
MV_Schw	C	2385	138	5	0.426789350155389	
MV_Schw	C	2386	155	7	0.142612684840558	
MV_Schw	T	2387	328	7		1
MV_Schw	G	2388	74	4	0.237817203872315	
MV_Schw	A	2389	54	1		1
MV_Schw	G	2390	254	6		1
MV_Schw	A	2391	8	0		1
MV_Schw	C	2392	203	3		1
MV_Schw	T	2393	6	0		1
MV_Schw	C	2394	27	3	0.128277619623459	
MV_Schw	C	2395	66	3	0.633417216184605	
MV_Schw	A	2396	60	3	0.550155392537109	
MV_Schw	A	2397	112	3	0.950262622850522	
MV_Schw	T	2398	72	3	0.822598489333375	
MV_Schw	C	2399	58	1		1
MV_Schw	C	2400	37	1	0.88950624150852	
MV_Schw	A	2401	16	0		1
MV_Schw	G	2402	610	29	3.05292751692068e-05	
MV_Schw	A	2403	64	5	0.0611551441006359	
MV_Schw	G	2404	43	3	0.308038546605154	
MV_Schw	G	2405	17	2	0.190596323698557	
MV_Schw	C	2406	64	0	0.789229943133706	
MV_Schw	A	2407	35	3	0.0735418108684054	
MV_Schw	A	2408	21	1	0.632968068765344	
MV_Schw	C	2409	147	5	0.77901773725233	
MV_Schw	A	2410	35	3	0.0735418108684054	

MV_Schw	A	2411	6	0		1
MV_Schw	C	2412	70	1		1
MV_Schw	T	2413	4	1	0.619556855087002	
MV_Schw	T	2414	16	0		1
MV_Schw	T	2415	47	1		1
MV_Schw	C	2416	300	5		1
MV_Schw	C	2417	153	4		1
MV_Schw	G	2418	353	8		1
MV_Schw	A	2419	122	8	0.0120389277086904	
MV_Schw	A	2420	31	1	0.791667533131283	
MV_Schw	G	2421	107	3		1
MV_Schw	C	2422	56	0	0.950262622850522	
MV_Schw	T	2423	12	1	0.88950624150852	
MV_Schw	T	2424	39	0		1
MV_Schw	G	2425	200	4		1
MV_Schw	G	2426	219	5		1
MV_Schw	G	2427	143	5	0.573631722949456	
MV_Schw	A	2428	76	2		1
MV_Schw	A	2429	31	1		1
MV_Schw	A	2430	12	0		1
MV_Schw	A	2431	16	0		1
MV_Schw	C	2432	452	9		1
MV_Schw	T	2433	180	6	0.670827466361185	
MV_Schw	C	2434	211	8	0.296710762771661	
MV_Schw	T	2435	12	0		1
MV_Schw	C	2436	167	1	0.788293646497135	
MV_Schw	A	2437	50	1		1
MV_Schw	A	2438	21	1	0.632968068765344	
MV_Schw	T	2439	29	0		1
MV_Schw	G	2440	50	1		1
MV_Schw	T	2441	4	0		1
MV_Schw	T	2442	19	1		1
MV_Schw	C	2443	114	1		1
MV_Schw	C	2444	1322	34	0.540687571104445	
MV_Schw	T	2445	12	1	0.366832525336205	
MV_Schw	C	2446	163	7	0.164143974394285	

MV_Schw	C	2447	43	4	0.041842975175859
MV_Schw	G	2448	76	5	0.116125222018745
MV_Schw	C	2449	27	1	1
MV_Schw	C	2450	45	5	0.0140368018204807
MV_Schw	C	2451	161	5	0.934340244643933
MV_Schw	C	2452	236	17	1.49039358436768e-05
MV_Schw	C	2453	240	8	0.547090293958293
MV_Schw	G	2454	126	7	0.083457367961719
MV_Schw	G	2455	153	8	0.0501800242731928
MV_Schw	A	2456	14	1	0.944879389258477
MV_Schw	C	2457	85	4	0.334109727673165
MV_Schw	C	2458	56	6	0.00293979958221681
MV_Schw	C	2459	72	5	0.094193442838711
MV_Schw	C	2460	47	5	0.0168325917140815
MV_Schw	G	2461	141	8	0.0316424857945862
MV_Schw	G	2462	353	15	0.0362672487329904
MV_Schw	T	2463	52	1	1
MV_Schw	A	2464	37	2	0.528591092326266
MV_Schw	G	2465	56	1	1
MV_Schw	G	2466	45	3	0.340185031164498
MV_Schw	G	2467	151	10	0.00309765049577835
MV_Schw	C	2468	302	16	0.001676102656448
MV_Schw	C	2469	355	11	0.434081909213343
MV_Schw	A	2470	128	10	0.000675922425289583
MV_Schw	G	2471	128	4	0.840295409296105
MV_Schw	C	2472	267	15	0.00157710345353172
MV_Schw	A	2473	35	3	0.222002676269896
MV_Schw	C	2474	54	3	0.480219983992261
MV_Schw	T	2475	31	2	0.428411386231373
MV_Schw	T	2476	17	1	0.983041048229953
MV_Schw	C	2477	300	13	0.0666530655058788
MV_Schw	C	2478	105	7	0.0321952249600374
MV_Schw	G	2479	719	22	0.252703073422297
MV_Schw	G	2480	101	5	0.146929120979630
MV_Schw	G	2481	165	9	0.0362654167957088
MV_Schw	A	2482	4	0	1

MV_Schw	C	2483	85	3	0.691829352390927
MV_Schw	A	2484	4	1	0.136107188572645
MV_Schw	C	2485	14	1	0.944879389258477
MV_Schw	C	2486	23	2	0.296710762771661
MV_Schw	C	2487	23	2	0.296710762771661
MV_Schw	A	2488	64	1	1
MV_Schw	T	2489	31	2	0.428411386231373
MV_Schw	T	2490	66	1	1
MV_Schw	A	2491	122	7	0.0310014318320891
MV_Schw	A	2492	56	0	0.950262622850522
MV_Schw	A	2493	21	1	0.632968068765344
MV_Schw	A	2494	72	5	0.0351480920501204
MV_Schw	A	2495	79	7	0.0064632954085179
MV_Schw	G	2496	76	2	1
MV_Schw	G	2497	60	8	5.28709218666075e-05
MV_Schw	G	2498	39	1	0.9314909603024
MV_Schw	C	2499	120	7	0.0656482349482676
MV_Schw	A	2500	50	4	0.0738869581900653
MV_Schw	C	2501	85	9	0.000223923583534798
MV_Schw	A	2502	37	1	0.88950624150852
MV_Schw	G	2503	64	2	1
MV_Schw	A	2504	48	2	0.709032941865358
MV_Schw	C	2505	421	22	0.000108247885682625
MV_Schw	G	2506	645	18	0.558793747131741
MV_Schw	C	2507	43	0	1
MV_Schw	G	2508	138	5	0.717634251494108
MV_Schw	A	2509	17	0	1
MV_Schw	G	2510	180	3	1
MV_Schw	A	2511	58	1	1
MV_Schw	T	2512	17	1	0.983041048229953
MV_Schw	T	2513	8	0	1
MV_Schw	A	2514	10	0	1
MV_Schw	G	2515	50	1	1
MV_Schw	C	2516	48	1	1
MV_Schw	C	2517	289	11	0.255542871370563
MV_Schw	T	2518	2	0	1

MV_Schw	C	2519	17	0		1
MV_Schw	A	2520	25	1	0.704667204683568	
MV_Schw	T	2521	68	3	0.806176178462968	
MV_Schw	T	2522	66	1		1
MV_Schw	T	2523	27	1		1
MV_Schw	G	2524	56	1		1
MV_Schw	G	2525	19	1		1
MV_Schw	A	2526	95	2		1
MV_Schw	A	2527	31	3	0.0518737301478137	
MV_Schw	C	2528	401	8		1
MV_Schw	G	2529	52	1		1
MV_Schw	G	2530	68	4	0.189817598380461	
MV_Schw	A	2531	37	1		1
MV_Schw	G	2532	283	13	0.0212214795290776	
MV_Schw	A	2533	151	3		1
MV_Schw	T	2534	41	4	0.0352099055398472	
MV_Schw	C	2535	428	7		1
MV_Schw	G	2536	37	2	0.528591092326266	
MV_Schw	C	2537	174	7	0.211393512474581	
MV_Schw	G	2538	281	13	0.0206983380987818	
MV_Schw	T	2539	99	2		1
MV_Schw	C	2540	328	7		1
MV_Schw	T	2541	35	1		1
MV_Schw	T	2542	17	1	0.528591092326266	
MV_Schw	T	2543	97	3	0.78354985902497	
MV_Schw	A	2544	87	4	0.353841594200757	
MV_Schw	T	2545	45	1		1
MV_Schw	T	2546	141	3		1
MV_Schw	G	2547	132	3		1
MV_Schw	A	2548	14	0		1
MV_Schw	C	2549	147	4		1
MV_Schw	A	2550	89	5	0.090192830807046	
MV_Schw	G	2551	54	1		1
MV_Schw	G	2552	95	5	0.244569722692791	
MV_Schw	T	2553	17	0		1
MV_Schw	G	2554	95	7	0.00633833478123727	

MV_Schw	G	2555	711	25	0.0263623184273038
MV_Schw	T	2556	105	1	1
MV_Schw	G	2557	281	5	1
MV_Schw	C	2558	184	10	0.0161017557873181
MV_Schw	A	2559	72	0	0.791667533131283
MV_Schw	A	2560	153	5	0.619556855087002
MV_Schw	C	2561	180	8	0.138076942868576
MV_Schw	C	2562	566	23	0.008425995471388
MV_Schw	C	2563	186	8	0.157850676846273
MV_Schw	A	2564	31	0	1
MV_Schw	A	2565	219	11	0.0330179720013107
MV_Schw	T	2566	43	3	0.12801336938299
MV_Schw	G	2567	169	5	0.789229943133706
MV_Schw	T	2568	14	1	0.426789350155389
MV_Schw	G	2569	72	5	0.094193442838711
MV_Schw	C	2570	603	24	0.00793670273477432
MV_Schw	T	2571	331	9	0.789229943133706
MV_Schw	C	2572	225	5	1
MV_Schw	G	2573	302	11	0.285257240518862
MV_Schw	A	2574	25	0	1
MV_Schw	A	2575	47	3	0.366637777073510
MV_Schw	A	2576	109	2	1
MV_Schw	G	2577	205	11	0.0075030569181953
MV_Schw	T	2578	17	1	0.983041048229953
MV_Schw	C	2579	48	3	0.390345857720356
MV_Schw	A	2580	341	15	0.0131158463308656
MV_Schw	C	2581	322	16	0.00306787883708183
MV_Schw	C	2582	48	1	1
MV_Schw	C	2583	548	18	0.185966477105392
MV_Schw	T	2584	58	1	1
MV_Schw	C	2585	110	1	1
MV_Schw	G	2586	223	7	0.788293646497135
MV_Schw	G	2587	1126	39	0.00394668764037222
MV_Schw	A	2588	74	3	0.831755077907185
MV_Schw	A	2589	50	1	1
MV_Schw	C	2590	97	5	0.125475779768559

MV_Schw	C	2591	31	1	0.791667533131283
MV_Schw	A	2592	95	2	1
MV_Schw	T	2593	47	2	0.678058690427187
MV_Schw	C	2594	138	2	1
MV_Schw	A	2595	47	1	1
MV_Schw	G	2596	174	7	0.387724101345207
MV_Schw	G	2597	95	5	0.244569722692791
MV_Schw	G	2598	1157	57	4.71610980203e-10
MV_Schw	C	2599	99	4	0.560243889454362
MV_Schw	C	2600	99	3	1
MV_Schw	A	2601	52	3	0.221031331031110
MV_Schw	G	2602	194	14	7.27469006939673e-05
MV_Schw	G	2603	128	5	0.678806985357928
MV_Schw	T	2604	112	2	1
MV_Schw	G	2605	78	3	0.863499923807603
MV_Schw	C	2606	39	1	1
MV_Schw	A	2607	52	0	0.950262622850522
MV_Schw	C	2608	114	3	0.953489044526869
MV_Schw	C	2609	43	1	0.950262622850522
MV_Schw	T	2610	35	3	0.0735418108684054
MV_Schw	G	2611	128	3	1
MV_Schw	C	2612	128	4	0.840295409296105
MV_Schw	G	2613	1227	41	0.00667545651171565
MV_Schw	G	2614	190	5	0.950262622850522
MV_Schw	G	2615	308	12	0.116489851723306
MV_Schw	G	2616	54	6	0.00240123512054746
MV_Schw	A	2617	16	0	1
MV_Schw	A	2618	43	1	0.950262622850522
MV_Schw	T	2619	23	2	0.296710762771661
MV_Schw	G	2620	95	3	1
MV_Schw	NA	2621	0	0	NA
MV_Schw	C	2622	91	2	1
MV_Schw	C	2623	370	17	0.0111413031107749
MV_Schw	C	2624	171	6	0.52558001665221
MV_Schw	C	2625	320	9	0.88950624150852
MV_Schw	G	2626	138	2	1

MV_Schw	A	2627	17	0		1
MV_Schw	G	2628	126	1		1
MV_Schw	T	2629	47	2	0.678058690427187	
MV_Schw	G	2630	107	3		1
MV_Schw	T	2631	16	0		1
MV_Schw	G	2632	198	3		1
MV_Schw	T	2633	70	1		1
MV_Schw	G	2634	550	11		1
MV_Schw	A	2635	27	1	0.752394317790241	
MV_Schw	G	2636	409	11	0.789229943133706	
MV_Schw	C	2637	207	3		1
MV_Schw	A	2638	60	1		1
MV_Schw	A	2639	23	0		1
MV_Schw	T	2640	87	2		1
MV_Schw	G	2641	145	2		1
MV_Schw	C	2642	103	3		1
MV_Schw	C	2643	198	4		1
MV_Schw	G	2644	295	12	0.094193442838711	
MV_Schw	C	2645	490	17	0.183726583742442	
MV_Schw	A	2646	93	4	0.532185081645424	
MV_Schw	C	2647	219	8	0.383757529764604	
MV_Schw	T	2648	14	0		1
MV_Schw	G	2649	33	1	0.822598489333375	
MV_Schw	A	2650	27	1		1
MV_Schw	T	2651	83	2		1
MV_Schw	A	2652	79	4	0.294236275018498	
MV_Schw	C	2653	145	3		1
MV_Schw	A	2654	8	1	0.258627633593378	
MV_Schw	G	2655	89	4	0.372808321584263	
MV_Schw	G	2656	190	10	0.0205159345676087	
MV_Schw	A	2657	33	3	0.197209929577240	
MV_Schw	G	2658	198	12	0.0020764131095319	
MV_Schw	T	2659	56	1		1
MV_Schw	G	2660	203	9	0.176665674313972	
MV_Schw	G	2661	72	4	0.222002676269896	
MV_Schw	A	2662	19	0		1

MV_Schw	C	2663	393	19	0.00218193024756921
MV_Schw	A	2664	8	1	0.258627633593378
MV_Schw	C	2665	523	25	0.000278514956576216
MV_Schw	C	2666	114	1	1
MV_Schw	C	2667	157	1	0.88950624150852
MV_Schw	G	2668	659	18	0.641206907593324
MV_Schw	A	2669	85	3	0.691829352390927
MV_Schw	A	2670	250	11	0.0887977744330375
MV_Schw	T	2671	66	1	1
MV_Schw	C	2672	66	1	1
MV_Schw	T	2673	31	1	1
MV_Schw	G	2674	120	1	0.789229943133706
MV_Schw	G	2675	620	19	0.334738308726434
MV_Schw	T	2676	45	2	0.65158773158174
MV_Schw	A	2677	19	1	1
MV_Schw	C	2678	176	9	0.0735589343444043
MV_Schw	C	2679	52	0	0.950262622850522
MV_Schw	A	2680	17	0	1
MV_Schw	C	2681	140	4	1
MV_Schw	A	2682	101	2	1
MV_Schw	A	2683	58	1	1
MV_Schw	T	2684	16	0	1
MV_Schw	C	2685	91	4	0.5275876261426
MV_Schw	T	2686	10	0	1
MV_Schw	C	2687	52	2	0.78354985902497
MV_Schw	C	2688	236	5	1
MV_Schw	C	2689	601	10	1
MV_Schw	C	2690	66	3	0.354972433257953
MV_Schw	G	2691	527	17	0.275821001292176
MV_Schw	A	2692	17	1	0.528591092326266
MV_Schw	G	2693	252	11	0.091305026877148
MV_Schw	A	2694	19	1	0.57780206681461
MV_Schw	T	2695	105	1	1
MV_Schw	C	2696	6	0	1
MV_Schw	C	2697	21	1	0.632968068765344
MV_Schw	C	2698	145	5	0.763221278146551

MV_Schw	A	2699	74	2		1
MV_Schw	G	2700	734	29	0.00382879726107681	
MV_Schw	A	2701	43	1		1
MV_Schw	A	2702	25	0		1
MV_Schw	T	2703	2	0		1
MV_Schw	A	2704	4	0		1
MV_Schw	A	2705	6	1	0.704667204683568	
MV_Schw	T	2706	19	1	0.57780206681461	
MV_Schw	G	2707	47	3	0.366637777073510	
MV_Schw	A	2708	10	0		1
MV_Schw	A	2709	12	1	0.88950624150852	
MV_Schw	G	2710	143	7	0.074997775457354	
MV_Schw	A	2711	2	1	0.491835918445353	
MV_Schw	A	2712	8	1	0.789229943133706	
MV_Schw	G	2713	128	6	0.245197580731582	
MV_Schw	G	2714	91	7	0.0147022297036108	
MV_Schw	G	2715	118	8	0.00964469469431374	
MV_Schw	G	2716	205	7	0.475840536439377	
MV_Schw	G	2717	99	3		1
MV_Schw	A	2718	45	4	0.0485139564708208	
MV_Schw	G	2719	105	10	9.68576243654903e-05	
MV_Schw	A	2720	21	3	0.0746595992424665	
MV_Schw	C	2721	227	19	2.29242160974908e-07	
MV_Schw	T	2722	31	2	0.428411386231373	
MV_Schw	A	2723	163	7	0.275653222293987	
MV_Schw	T	2724	116	9	0.0029181905899106	
MV_Schw	T	2725	43	2	0.632968068765344	
MV_Schw	A	2726	186	9	0.0510722982649017	
MV_Schw	T	2727	558	24	0.00207606777490774	
MV_Schw	G	2728	58	1		1
MV_Schw	A	2729	93	5	0.230316890082773	
MV_Schw	T	2730	360	15	0.0559946103775228	
MV_Schw	G	2731	114	3		1
MV_Schw	A	2732	105	5	0.414034029869785	
MV_Schw	T	2733	81	1		1
MV_Schw	G	2734	262	7		1

MV_Schw	A	2735	56	2	0.968890372475178
MV_Schw	G	2736	153	9	0.0225204890868346
MV_Schw	C	2737	140	6	0.294236275018498
MV_Schw	T	2738	33	3	0.0621625989443951
MV_Schw	G	2739	178	5	0.804012574266476
MV_Schw	T	2740	10	0	1
MV_Schw	T	2741	10	0	1
MV_Schw	C	2742	388	7	1
MV_Schw	T	2743	6	1	0.704667204683568
MV_Schw	C	2744	273	5	1
MV_Schw	T	2745	37	0	1
MV_Schw	G	2746	74	1	1
MV_Schw	A	2747	4	0	1
MV_Schw	T	2748	6	0	1
MV_Schw	G	2749	27	1	1
MV_Schw	T	2750	2	0	1
MV_Schw	C	2751	103	3	1
MV_Schw	C	2752	91	5	0.217911555108928
MV_Schw	A	2753	112	2	1
MV_Schw	A	2754	54	3	0.237817203872315
MV_Schw	G	2755	103	7	0.0290526919708477
MV_Schw	A	2756	12	1	0.88950624150852
MV_Schw	T	2757	21	3	0.0171246304850916
MV_Schw	A	2758	171	6	0.52558001665221
MV_Schw	T	2759	43	1	1
MV_Schw	T	2760	14	0	1
MV_Schw	A	2761	27	2	0.355295708921217
MV_Schw	A	2762	70	1	1
MV_Schw	A	2763	31	1	1
MV_Schw	A	2764	60	5	0.0479728580883292
MV_Schw	C	2765	93	6	0.0445795746199782
MV_Schw	A	2766	0	1	0.307480793677112
MV_Schw	G	2767	62	1	1
MV_Schw	C	2768	41	1	1
MV_Schw	C	2769	110	5	0.44055837109039
MV_Schw	T	2770	0	0	1

MV_Schw	T	2771	12	0	1
MV_Schw	G	2772	130	3	1
MV_Schw	G	2773	45	1	1
MV_Schw	C	2774	310	9	0.658415249679101
MV_Schw	C	2775	87	3	0.935220820395243
MV_Schw	A	2776	70	1	1
MV_Schw	A	2777	54	3	0.480219983992261
MV_Schw	A	2778	54	1	1
MV_Schw	A	2779	45	1	1
MV_Schw	T	2780	198	6	0.82920869837831
MV_Schw	A	2781	6	0	1
MV_Schw	C	2782	141	6	0.298485329352986
MV_Schw	A	2783	47	1	1
MV_Schw	C	2784	132	4	0.863499923807603
MV_Schw	G	2785	58	4	0.118907467124559
MV_Schw	A	2786	8	0	1
MV_Schw	G	2787	291	16	0.000782942784018016
MV_Schw	G	2788	21	1	1
MV_Schw	A	2789	66	2	1
MV_Schw	T	2790	12	1	0.88950624150852
MV_Schw	A	2791	25	0	1
MV_Schw	A	2792	66	2	1
MV_Schw	T	2793	85	1	1
MV_Schw	C	2794	118	4	0.804012640024926
MV_Schw	A	2795	89	1	1
MV_Schw	G	2796	105	1	1
MV_Schw	A	2797	48	1	1
MV_Schw	A	2798	105	5	0.414034029869785
MV_Schw	G	2799	66	1	1
MV_Schw	A	2800	70	7	0.00285138621958343
MV_Schw	T	2801	25	3	0.110260611333144
MV_Schw	A	2802	19	1	0.57780206681461
MV_Schw	A	2803	29	1	0.789229943133706
MV_Schw	T	2804	31	1	1
MV_Schw	C	2805	256	13	0.0131040780293563
MV_Schw	T	2806	23	1	1

MV_Schw	C	2807	143	4		1
MV_Schw	C	2808	66	4	0.172896230358341	
MV_Schw	A	2809	21	0		1
MV_Schw	A	2810	31	1		1
MV_Schw	G	2811	231	5		1
MV_Schw	C	2812	107	1	0.945767847051808	
MV_Schw	T	2813	27	0		1
MV_Schw	A	2814	14	1	0.944879389258477	
MV_Schw	G	2815	130	2		1
MV_Schw	A	2816	89	1		1
MV_Schw	A	2817	33	3	0.197209929577240	
MV_Schw	T	2818	27	1		1
MV_Schw	C	2819	78	3	0.863499923807603	
MV_Schw	A	2820	16	0		1
MV_Schw	C	2821	141	11	0.000566959006466571	
MV_Schw	T	2822	85	7	0.00304912903726012	
MV_Schw	G	2823	54	6	0.00240123512054746	
MV_Schw	C	2824	161	3		1
MV_Schw	T	2825	33	1	0.822598489333375	
MV_Schw	G	2826	39	3	0.273798916014578	
MV_Schw	T	2827	12	0		1
MV_Schw	T	2828	14	0		1
MV_Schw	A	2829	64	7	0.000394673874468293	
MV_Schw	T	2830	25	1		1
MV_Schw	T	2831	78	5	0.0496502660885715	
MV_Schw	G	2832	99	7	0.0233447269367489	
MV_Schw	A	2833	16	0		1
MV_Schw	A	2834	27	6	3.95710195870273e-05	
MV_Schw	G	2835	171	15	1.09420757799632e-06	
MV_Schw	G	2836	180	4		1
MV_Schw	G	2837	1079	41	0.000270696023130004	
MV_Schw	A	2838	31	1		1
MV_Schw	G	2839	198	14	9.39590829863593e-05	
MV_Schw	A	2840	76	9	7.83469436305782e-05	
MV_Schw	A	2841	184	8	0.151070769951824	
MV_Schw	G	2842	719	53	1.79184922041329e-17	

MV_Schw	T	2843	12	1	0.366832525336205
MV_Schw	T	2844	72	2	1
MV_Schw	G	2845	153	9	0.0225204890868346
MV_Schw	A	2846	151	9	0.00831570447686393
MV_Schw	G	2847	678	60	1.41140448147795e-24
MV_Schw	T	2848	16	0	1
MV_Schw	C	2849	202	16	4.02890943386424e-06
MV_Schw	A	2850	101	6	0.0648814214217677
MV_Schw	A	2851	76	5	0.0447617119591361
MV_Schw	T	2852	273	27	2.69042649153028e-12
MV_Schw	T	2853	324	21	5.51408519055352e-06
MV_Schw	A	2854	64	6	0.00616503932535731
MV_Schw	A	2855	6	0	1
MV_Schw	G	2856	182	11	0.00240123512054746
MV_Schw	A	2857	188	11	0.0032574024146735
MV_Schw	A	2858	297	22	1.15105071239364e-07
MV_Schw	G	2859	213	16	9.42577167909893e-06
MV_Schw	C	2860	110	3	0.950262622850522
MV_Schw	A	2861	25	2	0.314611398059001
MV_Schw	G	2862	174	9	0.071237197691116
MV_Schw	A	2863	35	1	0.863499923807603
MV_Schw	T	2864	60	5	0.0479728580883292
MV_Schw	C	2865	484	20	0.0121366800018145
MV_Schw	A	2866	25	4	0.00602473798114441
MV_Schw	A	2867	17	1	0.983041048229953
MV_Schw	C	2868	91	3	0.734151152837751
MV_Schw	A	2869	128	11	5.82998257811994e-05
MV_Schw	G	2870	56	4	0.106459164393546
MV_Schw	G	2871	783	19	0.918413562411569
MV_Schw	C	2872	411	13	0.499662168427985
MV_Schw	A	2873	273	10	0.307085127613128
MV_Schw	A	2874	19	3	0.0128442841311504
MV_Schw	A	2875	89	1	1
MV_Schw	A	2876	23	1	1
MV_Schw	T	2877	122	4	0.822598489333375
MV_Schw	A	2878	66	4	0.172896230358341

MV_Schw	T	2879	211	5		1
MV_Schw	C	2880	211	6	0.875812649023012	
MV_Schw	A	2881	574	27	7.91695442041413e-05	
MV_Schw	G	2882	254	11	0.0944477714354264	
MV_Schw	C	2883	79	2		1
MV_Schw	A	2884	45	2	0.65158773158174	
MV_Schw	T	2885	70	5	0.0854785497754524	
MV_Schw	A	2886	93	4	0.532185081645424	
MV_Schw	T	2887	41	2	0.599534349993353	
MV_Schw	C	2888	291	9	0.759187081395848	
MV_Schw	C	2889	83	5	0.0681932663887974	
MV_Schw	A	2890	105	7	0.0321952249600374	
MV_Schw	C	2891	76	3	0.849410970830975	
MV_Schw	C	2892	250	15	0.000264791698893959	
MV_Schw	C	2893	68	3	0.806176178462968	
MV_Schw	T	2894	93	2		1
MV_Schw	G	2895	145	9	0.0157226578191689	
MV_Schw	G	2896	492	11		1
MV_Schw	A	2897	74	4	0.237817203872315	
MV_Schw	A	2898	136	5	0.707150586447893	
MV_Schw	G	2899	304	9	0.789229943133706	
MV_Schw	G	2900	130	3		1
MV_Schw	A	2901	16	2	0.157362228007976	
MV_Schw	C	2902	372	11	0.750088853288595	
MV_Schw	A	2903	87	4	0.353841594200757	
MV_Schw	C	2904	74	4	0.237817203872315	
MV_Schw	C	2905	147	10	0.00246574036722893	
MV_Schw	T	2906	47	2	0.678058690427187	
MV_Schw	C	2907	316	9	0.887930499252911	
MV_Schw	T	2908	23	1		1
MV_Schw	C	2909	403	6		1
MV_Schw	A	2910	101	1	0.944879389258477	
MV_Schw	A	2911	116	1	0.789229943133706	
MV_Schw	G	2912	178	5		1
MV_Schw	C	2913	58	1		1
MV_Schw	A	2914	58	1		1

MV_Schw	T	2915	70	2		1
MV_Schw	C	2916	58	1		1
MV_Schw	A	2917	159	3		1
MV_Schw	T	2918	27	0		1
MV_Schw	G	2919	153	5	0.904674542662588	
MV_Schw	A	2920	85	1		1
MV_Schw	T	2921	87	1		1
MV_Schw	C	2922	403	11	0.789229943133706	
MV_Schw	G	2923	283	8	0.82920869837831	
MV_Schw	C	2924	180	8	0.138076942868576	
MV_Schw	C	2925	180	9	0.0310014318320891	
MV_Schw	A	2926	184	7	0.307432508150825	
MV_Schw	T	2927	33	0		1
MV_Schw	T	2928	19	0		1
MV_Schw	C	2929	70	0	0.789229943133706	
MV_Schw	C	2930	157	3		1
MV_Schw	T	2931	6	0		1
MV_Schw	G	2932	190	3		1
MV_Schw	G	2933	136	4	0.992435787288199	
MV_Schw	A	2934	14	1	0.944879389258477	
MV_Schw	C	2935	56	1		1
MV_Schw	T	2936	12	0		1
MV_Schw	T	2937	10	0		1
MV_Schw	G	2938	74	5	0.039710340356837	
MV_Schw	G	2939	60	3	0.298698990757132	
MV_Schw	G	2940	463	15	0.322160746500389	
MV_Schw	A	2941	52	1		1
MV_Schw	A	2942	58	1		1
MV_Schw	G	2943	47	2	0.678058690427187	
MV_Schw	G	2944	33	3	0.0621625989443951	
MV_Schw	A	2945	58	5	0.0423994114395508	
MV_Schw	T	2946	58	5	0.0423994114395508	
MV_Schw	C	2947	66	5	0.0239036682558459	
MV_Schw	C	2948	134	7	0.111492774142499	
MV_Schw	C	2949	678	34	1.86323578471708e-06	
MV_Schw	A	2950	234	16	3.88557895983349e-05	

MV_Schw	A	2951	469	42	1.48037975489921e-17
MV_Schw	C	2952	665	49	1.16887466617492e-16
MV_Schw	G	2953	291	29	2.55697955601269e-13
MV_Schw	A	2954	4	1	0.619556855087002
MV_Schw	C	2955	275	26	1.22196113850395e-11
MV_Schw	C	2956	50	3	0.199842243730937
MV_Schw	C	2957	64	7	0.000394673874468293
MV_Schw	C	2958	66	6	0.00731721341976711
MV_Schw	A	2959	79	9	0.00120993104572384
MV_Schw	C	2960	138	11	0.00129023199658521
MV_Schw	T	2961	107	5	0.181053376647436
MV_Schw	G	2962	64	3	0.331831159059729
MV_Schw	C	2963	428	23	6.60071132494796e-05
MV_Schw	A	2964	2	2	0.00855638557580657
MV_Schw	G	2965	107	5	0.181053376647436
MV_Schw	A	2966	29	2	0.389821719583598
MV_Schw	T	2967	16	2	0.157362228007976
MV_Schw	G	2968	205	12	0.00307237581011603
MV_Schw	T	2969	50	3	0.199842243730937
MV_Schw	C	2970	64	3	0.609091736782917
MV_Schw	G	2971	128	5	0.366637777073510
MV_Schw	A	2972	258	8	0.700988278624987
MV_Schw	A	2973	103	7	0.0106661616972403
MV_Schw	A	2974	136	4	0.992435787288199
MV_Schw	T	2975	72	4	0.222002676269896
MV_Schw	C	2976	43	3	0.308038546605154
MV_Schw	A	2977	8	0	1
MV_Schw	A	2978	72	2	1
MV_Schw	T	2979	72	1	1
MV_Schw	C	2980	155	12	0.000147586293567482
MV_Schw	C	2981	68	4	0.189817598380461
MV_Schw	C	2982	37	2	0.528591092326266
MV_Schw	G	2983	109	5	0.432572187564338
MV_Schw	A	2984	409	14	0.21911639482908
MV_Schw	C	2985	320	29	3.82981550324929e-12
MV_Schw	T	2986	45	2	0.65158773158174

MV_Schw	T	2987	14	0	1
MV_Schw	G	2988	72	3	0.42458526175556
MV_Schw	A	2989	8	1	0.789229943133706
MV_Schw	A	2990	140	10	0.00151232810689852
MV_Schw	A	2991	95	7	0.0187937969661973
MV_Schw	C	2992	386	25	4.39744188199435e-07
MV_Schw	C	2993	33	1	1
MV_Schw	C	2994	47	3	0.366637777073510
MV_Schw	A	2995	320	20	1.20792199953885e-05
MV_Schw	T	2996	172	11	0.00139038337754433
MV_Schw	C	2997	85	3	0.691829352390927
MV_Schw	A	2998	14	0	1
MV_Schw	T	2999	27	3	0.128277619623459
MV_Schw	A	3000	4	0	1
MV_Schw	G	3001	186	4	1
MV_Schw	G	3002	48	1	1
MV_Schw	C	3003	355	7	1
MV_Schw	A	3004	62	3	0.57780206681461
MV_Schw	G	3005	120	3	0.97940134364504
MV_Schw	A	3006	54	1	1
MV_Schw	G	3007	74	4	0.237817203872315
MV_Schw	A	3008	27	3	0.0351423582402498
MV_Schw	T	3009	62	3	0.57780206681461
MV_Schw	T	3010	12	0	1
MV_Schw	C	3011	37	0	1
MV_Schw	A	3012	114	1	0.789229943133706
MV_Schw	G	3013	140	3	1
MV_Schw	G	3014	248	7	0.939506000333287
MV_Schw	C	3015	78	4	0.275013872879573
MV_Schw	C	3016	419	14	0.286462760557962
MV_Schw	G	3017	37	1	0.88950624150852
MV_Schw	A	3018	17	1	0.983041048229953
MV_Schw	G	3019	97	3	0.78354985902497
MV_Schw	C	3020	62	3	0.57780206681461
MV_Schw	A	3021	10	1	0.822598489333375
MV_Schw	C	3022	50	0	0.950262622850522

MV_Schw	T	3023	4	0	1
MV_Schw	G	3024	109	4	0.632968068765344
MV_Schw	G	3025	167	5	0.789229943133706
MV_Schw	C	3026	116	2	1
MV_Schw	C	3027	132	4	0.863499923807603
MV_Schw	G	3028	48	1	1
MV_Schw	A	3029	17	0	1
MV_Schw	A	3030	58	1	1
MV_Schw	G	3031	64	3	0.609091736782917
MV_Schw	T	3032	12	0	1
MV_Schw	T	3033	27	1	1
MV_Schw	C	3034	48	1	1
MV_Schw	T	3035	62	3	0.57780206681461
MV_Schw	C	3036	256	8	0.696127168607554
MV_Schw	A	3037	126	3	1
MV_Schw	A	3038	43	1	0.950262622850522
MV_Schw	G	3039	271	7	0.945767847051808
MV_Schw	A	3040	19	2	0.224063006917908
MV_Schw	A	3041	10	1	0.822598489333375
MV_Schw	A	3042	4	1	0.136107188572645
MV_Schw	C	3043	112	5	0.220821932547907
MV_Schw	C	3044	39	2	0.560243889454362
MV_Schw	C	3045	116	3	0.957721317456694
MV_Schw	G	3046	300	9	0.551026371204373
MV_Schw	T	3047	56	3	0.258627633593378
MV_Schw	T	3048	79	3	0.658415249679101
MV_Schw	G	3049	85	3	0.691829352390927
MV_Schw	C	3050	56	1	1
MV_Schw	C	3051	54	1	1
MV_Schw	A	3052	107	5	0.42458526175556
MV_Schw	G	3053	262	11	0.065823474494797
MV_Schw	C	3054	126	4	0.828135947034
MV_Schw	C	3055	174	9	0.071237197691116
MV_Schw	G	3056	281	21	3.78153217448578e-07
MV_Schw	A	3057	17	1	0.528591092326266
MV_Schw	C	3058	140	7	0.0646746182830778

MV_Schw	A	3059	10	0	1
MV_Schw	A	3060	6	0	1
MV_Schw	C	3061	99	5	0.277229700444564
MV_Schw	T	3062	4	1	0.136107188572645
MV_Schw	C	3063	79	2	1
MV_Schw	C	3064	211	5	1
MV_Schw	A	3065	81	4	0.305908359426921
MV_Schw	A	3066	45	3	0.144729111493106
MV_Schw	G	3067	217	17	3.93362363047535e-06
MV_Schw	G	3068	64	5	0.0208977336518193
MV_Schw	A	3069	4	0	1
MV_Schw	A	3070	14	1	0.944879389258477
MV_Schw	T	3071	81	4	0.305908359426921
MV_Schw	G	3072	107	9	0.000428145602101406
MV_Schw	NA	3073	0	0	NA
MV_Schw	C	3074	103	9	0.00107263798095381
MV_Schw	A	3075	39	1	0.9314909603024
MV_Schw	A	3076	35	3	0.222002676269896
MV_Schw	A	3077	23	1	1
MV_Schw	T	3078	114	5	0.463720798159947
MV_Schw	G	3079	287	9	0.522093657214649
MV_Schw	G	3080	112	5	0.449295143732283
MV_Schw	A	3081	23	0	1
MV_Schw	C	3082	306	7	1
MV_Schw	G	3083	74	2	1
MV_Schw	G	3084	64	1	1
MV_Schw	A	3085	62	4	0.144327963472984
MV_Schw	C	3086	97	3	1
MV_Schw	C	3087	213	9	0.200025780103629
MV_Schw	A	3088	8	1	0.258627633593378
MV_Schw	G	3089	240	10	0.121832950892168
MV_Schw	T	3090	52	4	0.0841644149519328
MV_Schw	T	3091	52	1	1
MV_Schw	C	3092	172	3	1
MV_Schw	C	3093	248	7	0.939506000333287
MV_Schw	A	3094	68	1	1

MV_Schw	G	3095	378	17	0.0125644003428032
MV_Schw	A	3096	93	3	0.747390316041078
MV_Schw	G	3097	97	3	0.78354985902497
MV_Schw	G	3098	101	3	0.789229943133706
MV_Schw	A	3099	2	0	1
MV_Schw	C	3100	258	9	0.296710762771661
MV_Schw	A	3101	48	1	1
MV_Schw	G	3102	56	3	0.258627633593378
MV_Schw	C	3103	48	0	0.950262622850522
MV_Schw	T	3104	70	4	0.206412498777864
MV_Schw	G	3105	126	6	0.239137755983385
MV_Schw	C	3106	23	1	1
MV_Schw	T	3107	35	1	1
MV_Schw	G	3108	60	3	0.550155392537109
MV_Schw	A	3109	78	5	0.124962268582404
MV_Schw	A	3110	85	3	0.918952129071198
MV_Schw	G	3111	331	11	0.307480793677112
MV_Schw	G	3112	33	1	1
MV_Schw	A	3113	4	0	1
MV_Schw	A	3114	78	2	1
MV_Schw	T	3115	35	1	0.863499923807603
MV_Schw	T	3116	70	3	0.395791012435089
MV_Schw	T	3117	6	0	1
MV_Schw	C	3118	60	0	0.957721317456694
MV_Schw	A	3119	17	0	1
MV_Schw	G	3120	60	2	0.983041048229953
MV_Schw	C	3121	70	1	1
MV_Schw	T	3122	6	0	1
MV_Schw	A	3123	10	0	1
MV_Schw	A	3124	6	0	1
MV_Schw	A	3125	54	1	1
MV_Schw	G	3126	70	3	0.819327818667335
MV_Schw	C	3127	47	1	1
MV_Schw	C	3128	89	3	0.715462436038866
MV_Schw	G	3129	56	1	1
MV_Schw	A	3130	83	3	0.897349285586955

MV_Schw	T	3131	136	5	0.413972023083745
MV_Schw	C	3132	35	0	1
MV_Schw	G	3133	52	1	1
MV_Schw	G	3134	60	4	0.130118305522798
MV_Schw	G	3135	329	11	0.491835918445353
MV_Schw	A	3136	318	10	0.570479535773178
MV_Schw	A	3137	83	5	0.161503851613234
MV_Schw	A	3138	27	2	0.355295708921217
MV_Schw	A	3139	23	1	1
MV_Schw	A	3140	62	4	0.144327963472984
MV_Schw	G	3141	186	5	1
MV_Schw	A	3142	107	3	1
MV_Schw	T	3143	163	6	0.491911563164373
MV_Schw	G	3144	58	3	0.528591092326266
MV_Schw	A	3145	12	0	1
MV_Schw	G	3146	97	1	1
MV_Schw	C	3147	380	15	0.0464133215936192
MV_Schw	T	3148	31	1	0.791667533131283
MV_Schw	C	3149	337	8	1
MV_Schw	A	3150	41	1	1
MV_Schw	G	3151	167	5	0.789229943133706
MV_Schw	C	3152	39	3	0.273798916014578
MV_Schw	C	3153	68	3	0.378469870290234
MV_Schw	G	3154	262	3	0.939895502513983
MV_Schw	T	3155	54	1	1
MV_Schw	C	3156	244	3	0.789229943133706
MV_Schw	G	3157	227	5	1
MV_Schw	G	3158	89	2	1
MV_Schw	G	3159	159	4	1
MV_Schw	T	3160	10	0	1
MV_Schw	T	3161	16	0	1
MV_Schw	T	3162	10	0	1
MV_Schw	G	3163	95	1	1
MV_Schw	T	3164	31	1	1
MV_Schw	T	3165	74	3	0.44280652126772
MV_Schw	C	3166	140	1	0.986363032184908

MV_Schw	C	3167	266	5		1
MV_Schw	T	3168	17	1	0.528591092326266	
MV_Schw	G	3169	186	8	0.157850676846273	
MV_Schw	A	3170	27	1	0.752394317790241	
MV_Schw	C	3171	248	16	8.71118052628773e-05	
MV_Schw	A	3172	29	1	0.789229943133706	
MV_Schw	C	3173	62	3	0.57780206681461	
MV_Schw	C	3174	153	3		1
MV_Schw	G	3175	16	1	0.483965165529824	
MV_Schw	G	3176	184	5	0.950262622850522	
MV_Schw	C	3177	107	6	0.0845384262806547	
MV_Schw	C	3178	120	6	0.141272812333231	
MV_Schw	C	3179	47	1		1
MV_Schw	T	3180	10	0		1
MV_Schw	G	3181	78	5	0.0496502660885715	
MV_Schw	C	3182	58	1		1
MV_Schw	A	3183	64	1		1
MV_Schw	T	3184	14	0		1
MV_Schw	C	3185	66	3	0.354972433257953	
MV_Schw	A	3186	27	0		1
MV_Schw	C	3187	60	1		1
MV_Schw	G	3188	37	3	0.245202640825390	
MV_Schw	C	3189	215	5		1
MV_Schw	A	3190	12	0		1
MV_Schw	G	3191	66	5	0.0687939946138633	
MV_Schw	T	3192	10	1	0.822598489333375	
MV_Schw	G	3193	54	3	0.237817203872315	
MV_Schw	T	3194	0	0		1
MV_Schw	A	3195	16	1	0.483965165529824	
MV_Schw	A	3196	116	5	0.308443216377307	
MV_Schw	T	3197	50	0	0.950262622850522	
MV_Schw	C	3198	83	4	0.311085536765447	
MV_Schw	C	3199	103	7	0.0290526919708477	
MV_Schw	G	3200	35	1		1
MV_Schw	C	3201	725	23	0.136190697599112	
MV_Schw	T	3202	122	1		1

MV_Schw	C	3203	66	3	0.354972433257953
MV_Schw	C	3204	58	0	0.953489044526869
MV_Schw	A	3205	6	0	1
MV_Schw	T	3206	0	1	0.307480793677112
MV_Schw	T	3207	16	1	0.950262622850522
MV_Schw	A	3208	74	1	1
MV_Schw	T	3209	48	0	0.950262622850522
MV_Schw	A	3210	41	1	0.945767847051808
MV_Schw	A	3211	29	0	1
MV_Schw	A	3212	50	1	1
MV_Schw	A	3213	23	0	1
MV_Schw	T	3214	126	3	1
MV_Schw	C	3215	31	1	1
MV_Schw	C	3216	225	7	0.641186461810141
MV_Schw	A	3217	48	3	0.390345857720356
MV_Schw	G	3218	548	11	1
MV_Schw	C	3219	163	9	0.0147395035857537
MV_Schw	C	3220	43	0	1
MV_Schw	G	3221	105	2	1
MV_Schw	G	3222	68	3	0.806176178462968
MV_Schw	C	3223	229	6	0.983041048229953
MV_Schw	T	3224	35	1	0.863499923807603
MV_Schw	A	3225	16	0	1
MV_Schw	G	3226	58	2	0.98139756833885
MV_Schw	A	3227	4	1	0.619556855087002
MV_Schw	G	3228	545	21	0.0153446284992890
MV_Schw	G	3229	140	5	0.560243889454362
MV_Schw	A	3230	10	1	0.822598489333375
MV_Schw	G	3231	176	7	0.29386516718128
MV_Schw	G	3232	95	6	0.0489145388312796
MV_Schw	A	3233	273	16	0.000341466020188633
MV_Schw	T	3234	190	5	1
MV_Schw	C	3235	574	25	0.00100800897547879
MV_Schw	G	3236	829	31	0.00577918737222712
MV_Schw	G	3237	233	8	0.432397088700067
MV_Schw	A	3238	105	7	0.0321952249600374

MV_Schw	A	3239	227	13	0.00138700917665090
MV_Schw	G	3240	262	17	6.86164536611791e-05
MV_Schw	C	3241	184	14	3.75216585877020e-05
MV_Schw	G	3242	149	11	0.000311254487457699
MV_Schw	T	3243	25	3	0.110260611333144
MV_Schw	T	3244	107	2	1
MV_Schw	A	3245	60	3	0.298698990757132
MV_Schw	C	3246	78	3	0.863499923807603
MV_Schw	C	3247	89	5	0.201986157592846
MV_Schw	T	3248	246	10	0.134919140758231
MV_Schw	G	3249	343	14	0.0500640177083729
MV_Schw	A	3250	35	1	0.863499923807603
MV_Schw	T	3251	324	11	0.386708260306915
MV_Schw	G	3252	45	4	0.0485139564708208
MV_Schw	A	3253	4	0	1
MV_Schw	C	3254	213	9	0.130118305522798
MV_Schw	T	3255	12	0	1
MV_Schw	C	3256	47	1	1
MV_Schw	T	3257	25	0	1
MV_Schw	C	3258	81	7	0.00750085134410674
MV_Schw	C	3259	176	8	0.126418646194306
MV_Schw	T	3260	23	0	1
MV_Schw	T	3261	48	1	1
MV_Schw	G	3262	62	4	0.144327963472984
MV_Schw	A	3263	54	2	0.789229943133706
MV_Schw	T	3264	31	2	0.428411386231373
MV_Schw	G	3265	8	1	0.789229943133706
MV_Schw	A	3266	2	0	1
MV_Schw	T	3267	27	2	0.355295708921217
MV_Schw	A	3268	29	2	0.389821719583598
MV_Schw	T	3269	16	1	0.483965165529824
MV_Schw	C	3270	47	5	0.00427410825239779
MV_Schw	A	3271	64	5	0.0611551441006359
MV_Schw	A	3272	19	2	0.224063006917908
MV_Schw	A	3273	29	1	1
MV_Schw	G	3274	246	16	7.77370988764532e-05

MV_Schw	G	3275	45	7)	0.000148527599082070
MV_Schw	A	3276	25	1	1
MV_Schw	G	3277	45	1	1
MV_Schw	C	3278	37	1	1
MV_Schw	C	3279	128	9	0.00612561056885518
MV_Schw	A	3280	72	5	0.094193442838711
MV_Schw	A	3281	37	1	1
MV_Schw	T	3282	128	2	1
MV_Schw	G	3283	48	1	1
MV_Schw	A	3284	52	2	0.78354985902497
MV_Schw	T	3285	48	4	0.0646277338805328
MV_Schw	C	3286	116	1	1
MV_Schw	T	3287	110	1	0.789229943133706
MV_Schw	T	3288	209	12	0.00371697541983835
MV_Schw	G	3289	552	18	0.190980871255168
MV_Schw	C	3290	1070	23	1
MV_Schw	C	3291	188	5	1
MV_Schw	A	3292	81	3	0.88950624150852
MV_Schw	A	3293	16	1	0.950262622850522
MV_Schw	G	3294	308	5	1
MV_Schw	T	3295	45	1	1
MV_Schw	T	3296	19	1	0.57780206681461
MV_Schw	C	3297	161	0	0.119516505590852
MV_Schw	C	3298	118	1	1
MV_Schw	A	3299	149	1	0.88950624150852
MV_Schw	C	3300	275	9	0.619556855087002
MV_Schw	C	3301	192	3	1
MV_Schw	A	3302	14	0	1
MV_Schw	G	3303	14	0	1
MV_Schw	A	3304	21	1	1
MV_Schw	T	3305	180	5	0.814096743847571
MV_Schw	G	3306	37	1	1
MV_Schw	C	3307	39	1	1
MV_Schw	T	3308	16	1	0.483965165529824
MV_Schw	G	3309	72	2	1
MV_Schw	A	3310	52	1	1

MV_Schw	T	3311	93	2		1
MV_Schw	G	3312	103	2		1
MV_Schw	A	3313	4	0		1
MV_Schw	A	3314	19	0		1
MV_Schw	G	3315	58	0	0.953489044526869	
MV_Schw	A	3316	45	1		1
MV_Schw	T	3317	79	1		1
MV_Schw	A	3318	4	0		1
MV_Schw	A	3319	8	1	0.789229943133706	
MV_Schw	T	3320	70	0	0.789229943133706	
MV_Schw	A	3321	66	0	0.789229943133706	
MV_Schw	A	3322	17	1	0.528591092326266	
MV_Schw	T	3323	23	1	0.658415249679101	
MV_Schw	G	3324	35	1	0.863499923807603	
MV_Schw	A	3325	6	0		1
MV_Schw	A	3326	50	0	0.950262622850522	
MV_Schw	G	3327	211	7	0.491835918445353	
MV_Schw	T	3328	19	0		1
MV_Schw	A	3329	17	0		1
MV_Schw	G	3330	68	2		1
MV_Schw	C	3331	225	4		1
MV_Schw	T	3332	153	7	0.228458243153358	
MV_Schw	A	3333	25	1	0.704667204683568	
MV_Schw	C	3334	60	3	0.298698990757132	
MV_Schw	A	3335	33	1	0.822598489333375	
MV_Schw	G	3336	333	3	0.562679696554225	
MV_Schw	C	3337	300	11	0.279856580126306	
MV_Schw	T	3338	12	0		1
MV_Schw	C	3339	76	2		1
MV_Schw	A	3340	39	2	0.560243889454362	
MV_Schw	A	3341	221	13	0.00261096618142580	
MV_Schw	C	3342	444	27	2.08706637162880e-07	
MV_Schw	T	3343	23	0		1
MV_Schw	T	3344	39	2	0.560243889454362	
MV_Schw	A	3345	4	0		1
MV_Schw	C	3346	155	11	0.000466240727295021	

MV_Schw	C	3347	432	26	7.79287333602351e-07
MV_Schw	T	3348	19	1	1
MV_Schw	G	3349	155	5	0.628561029435961
MV_Schw	C	3350	47	3	0.366637777073510
MV_Schw	C	3351	213	9	0.200025780103629
MV_Schw	A	3352	200	11	0.0135938542850198
MV_Schw	A	3353	194	7	0.573345528574631
MV_Schw	C	3354	345	13	0.104030212625919
MV_Schw	C	3355	16	1	0.950262622850522
MV_Schw	C	3356	58	1	1
MV_Schw	C	3357	103	3	1
MV_Schw	A	3358	68	3	0.806176178462968
MV_Schw	T	3359	78	4	0.275013872879573
MV_Schw	G	3360	50	2	0.746970975838775
MV_Schw	C	3361	64	0	0.789229943133706
MV_Schw	C	3362	31	1	1
MV_Schw	A	3363	14	0	1
MV_Schw	G	3364	556	23	0.00750023308523162
MV_Schw	T	3365	14	0	1
MV_Schw	C	3366	76	2	1
MV_Schw	G	3367	293	3	0.501368851809361
MV_Schw	A	3368	41	1	1
MV_Schw	C	3369	802	20	0.844248916800809
MV_Schw	C	3370	83	2	1
MV_Schw	C	3371	21	1	0.632968068765344
MV_Schw	A	3372	136	3	1
MV_Schw	A	3373	2	0	1
MV_Schw	C	3374	502	20	0.0156988725401647
MV_Schw	T	3375	17	0	1
MV_Schw	A	3376	17	1	0.983041048229953
MV_Schw	G	3377	110	1	1
MV_Schw	T	3378	140	5	0.560243889454362
MV_Schw	A	3379	8	0	1
MV_Schw	C	3380	0	0	1
MV_Schw	A	3381	0	0	1
MV_Schw	A	3382	2	0	1

MV_Schw	C	3383	87	1		1
MV_Schw	C	3384	0	0		1
MV_Schw	T	3385	2	0		1
MV_Schw	A	3386	2	0		1
MV_Schw	NA	3387	0	0		NA
MV_Schw	A	3388	2	0		1
MV_Schw	NA	3389	0	0		NA
MV_Schw	C	3390	14	0		1
MV_Schw	C	3391	0	0		1
MV_Schw	A	3392	2	0		1
MV_Schw	T	3393	0	0		1
MV_Schw	T	3394	0	1	0.307480793677112	
MV_Schw	NA	3395	0	0		NA
MV_Schw	T	3396	8	0		1
MV_Schw	A	3397	68	0	0.789229943133706	
MV_Schw	A	3398	12	0		1
MV_Schw	A	3399	17	1	0.983041048229953	
MV_Schw	A	3400	6	0		1
MV_Schw	NA	3401	0	0		NA
MV_Schw	NA	3402	0	0		NA
MV_Schw	C	3403	64	1		1
MV_Schw	T	3404	10	0		1
MV_Schw	T	3405	6	0		1
MV_Schw	A	3406	6	0		1
MV_Schw	G	3407	10	1	0.822598489333375	
MV_Schw	G	3408	45	1		1
MV_Schw	A	3409	21	1		1
MV_Schw	G	3410	25	1		1
MV_Schw	C	3411	25	1	0.704667204683568	
MV_Schw	A	3412	41	1		1
MV_Schw	A	3413	260	1	0.181354408412572	
MV_Schw	A	3414	48	0	0.950262622850522	
MV_Schw	G	3415	378	2	0.0708608969643191	
MV_Schw	T	3416	141	1	0.542247232322076	
MV_Schw	G	3417	153	1	0.436311974989592	
MV_Schw	A	3418	147	1	0.88950624150852	

MV_Schw	T	3419	101	0	0.51781700540984
MV_Schw	T	3420	83	1	1
MV_Schw	G	3421	58	1	1
MV_Schw	C	3422	10	0	1
MV_Schw	C	3423	43	1	1
MV_Schw	T	3424	33	0	1
MV_Schw	C	3425	91	3	0.734151152837751
MV_Schw	C	3426	306	8	0.950262622850522
MV_Schw	C	3427	37	2	0.528591092326266
MV_Schw	A	3428	25	0	1
MV_Schw	A	3429	19	0	1
MV_Schw	G	3430	8	1	0.258627633593378
MV_Schw	G	3431	43	3	0.12801336938299
MV_Schw	T	3432	27	0	1
MV_Schw	C	3433	81	2	1
MV_Schw	C	3434	19	0	1
MV_Schw	A	3435	19	0	1
MV_Schw	C	3436	114	1	1
MV_Schw	A	3437	10	0	1
MV_Schw	A	3438	25	2	0.314611398059001
MV_Schw	T	3439	35	0	1
MV_Schw	G	3440	23	0	1
MV_Schw	A	3441	19	0	1
MV_Schw	C	3442	370	1	0.0188268016494874
MV_Schw	A	3443	8	0	1
MV_Schw	G	3444	85	1	1
MV_Schw	A	3445	17	0	1
MV_Schw	G	3446	17	1	0.983041048229953
MV_Schw	A	3447	2	0	1
MV_Schw	C	3448	16	1	0.950262622850522
MV_Schw	C	3449	79	1	1
MV_Schw	T	3450	83	2	1
MV_Schw	A	3451	120	1	0.789229943133706
MV_Schw	C	3452	52	1	1
MV_Schw	G	3453	50	1	1
MV_Schw	A	3454	4	0	1

MV_Schw	C	3455	138	1	0.673422966374487	
MV_Schw	T	3456	25	0		1
MV_Schw	T	3457	41	1		1
MV_Schw	C	3458	248	3	0.997698747216897	
MV_Schw	G	3459	54	1		1
MV_Schw	A	3460	12	0		1
MV_Schw	C	3461	50	1		1
MV_Schw	A	3462	10	0		1
MV_Schw	A	3463	6	0		1
MV_Schw	G	3464	85	3	0.691829352390927	
MV_Schw	T	3465	23	2	0.296710762771661	
MV_Schw	C	3466	41	1		1
MV_Schw	G	3467	21	0		1
MV_Schw	G	3468	39	1		1
MV_Schw	C	3469	79	1		1
MV_Schw	A	3470	31	0		1
MV_Schw	T	3471	48	2	0.709032941865358	
MV_Schw	G	3472	492	9		1
MV_Schw	G	3473	130	3		1
MV_Schw	G	3474	105	1		1
MV_Schw	A	3475	4	0		1
MV_Schw	C	3476	41	1		1
MV_Schw	A	3477	39	2	0.560243889454362	
MV_Schw	T	3478	47	1		1
MV_Schw	C	3479	192	3		1
MV_Schw	A	3480	74	1		1
MV_Schw	A	3481	2	1	0.491835918445353	
MV_Schw	A	3482	27	0		1
MV_Schw	G	3483	238	3		1
MV_Schw	G	3484	58	1		1
MV_Schw	G	3485	401	9		1
MV_Schw	T	3486	39	1	0.9314909603024	
MV_Schw	C	3487	54	3	0.480219983992261	
MV_Schw	G	3488	143	3		1
MV_Schw	A	3489	68	1		1
MV_Schw	T	3490	39	1		1

MV_Schw	C	3491	141	4		1
MV_Schw	G	3492	17	1	0.983041048229953	
MV_Schw	C	3493	531	6	0.366832525336205	
MV_Schw	T	3494	33	0		1
MV_Schw	C	3495	450	1	0.00397631240595753	
MV_Schw	C	3496	31	1		1
MV_Schw	G	3497	109	1		1
MV_Schw	A	3498	52	0	0.950262622850522	
MV_Schw	T	3499	47	1		1
MV_Schw	A	3500	10	0		1
MV_Schw	C	3501	87	2		1
MV_Schw	A	3502	8	0		1
MV_Schw	A	3503	8	0		1
MV_Schw	C	3504	271	4		1
MV_Schw	C	3505	70	1		1
MV_Schw	C	3506	31	1		1
MV_Schw	A	3507	12	0		1
MV_Schw	C	3508	62	5	0.0180914242189996	
MV_Schw	C	3509	25	1		1
MV_Schw	A	3510	8	0		1
MV_Schw	C	3511	14	0		1
MV_Schw	C	3512	12	1	0.366832525336205	
MV_Schw	T	3513	8	0		1
MV_Schw	A	3514	12	0		1
MV_Schw	C	3515	47	1		1
MV_Schw	A	3516	12	1	0.88950624150852	
MV_Schw	G	3517	35	1		1
MV_Schw	T	3518	4	0		1
MV_Schw	G	3519	21	0		1
MV_Schw	A	3520	21	0		1
MV_Schw	T	3521	43	3	0.308038546605154	
MV_Schw	G	3522	182	3		1
MV_Schw	G	3523	41	2	0.599534349993353	
MV_Schw	C	3524	76	0	0.638894311640422	
MV_Schw	A	3525	43	1	0.950262622850522	
MV_Schw	G	3526	171	6	0.52558001665221	

MV_Schw	G	3527	101	2		1
MV_Schw	C	3528	103	1		1
MV_Schw	T	3529	52	1		1
MV_Schw	G	3530	143	2		1
MV_Schw	G	3531	87	1		1
MV_Schw	T	3532	21	0		1
MV_Schw	G	3533	310	3	0.426789350155389	
MV_Schw	C	3534	64	2		1
MV_Schw	C	3535	110	1		1
MV_Schw	C	3536	254	5		1
MV_Schw	C	3537	279	6		1
MV_Schw	A	3538	66	1		1
MV_Schw	G	3539	167	5	0.944879389258477	
MV_Schw	G	3540	153	3		1
MV_Schw	T	3541	58	1		1
MV_Schw	C	3542	118	1		1
MV_Schw	A	3543	4	0		1
MV_Schw	G	3544	178	3		1
MV_Schw	A	3545	14	1	0.944879389258477	
MV_Schw	G	3546	118	4	0.804012640024926	
MV_Schw	NA	3547	0	0		NA
MV_Schw	C	3548	110	1		1
MV_Schw	A	3549	16	1	0.950262622850522	
MV_Schw	T	3550	31	1		1
MV_Schw	A	3551	78	1		1
MV_Schw	G	3552	16	2	0.157362228007976	
MV_Schw	A	3553	17	0		1
MV_Schw	T	3554	39	0		1
MV_Schw	C	3555	21	0		1
MV_Schw	C	3556	58	0	0.953489044526869	
MV_Schw	T	3557	14	0		1
MV_Schw	G	3558	43	1		1
MV_Schw	G	3559	345	4	0.690930939628128	
MV_Schw	T	3560	8	0		1
MV_Schw	C	3561	33	0		1
MV_Schw	T	3562	6	0		1

MV_Schw	A	3563	19	0		1
MV_Schw	G	3564	107	1	0.945767847051808	
MV_Schw	G	3565	110	2		1
MV_Schw	C	3566	105	1		1
MV_Schw	G	3567	41	3	0.114736910412178	
MV_Schw	A	3568	4	0		1
MV_Schw	C	3569	211	6	0.875812649023012	
MV_Schw	A	3570	17	1	0.983041048229953	
MV_Schw	G	3571	99	3		1
MV_Schw	G	3572	136	4	0.992435787288199	
MV_Schw	A	3573	2	0		1
MV_Schw	A	3574	43	0		1
MV_Schw	G	3575	116	4	0.795434284511944	
MV_Schw	G	3576	89	5	0.090192830807046	
MV_Schw	A	3577	4	0		1
MV_Schw	T	3578	60	1		1
MV_Schw	G	3579	130	6	0.252336657944912	
MV_Schw	A	3580	10	0		1
MV_Schw	A	3581	39	2	0.560243889454362	
MV_Schw	T	3582	56	2	0.968890372475178	
MV_Schw	G	3583	205	3		1
MV_Schw	C	3584	39	1		1
MV_Schw	T	3585	48	3	0.390345857720356	
MV_Schw	T	3586	48	2	0.709032941865358	
MV_Schw	T	3587	95	3	0.764161655608143	
MV_Schw	A	3588	6	0		1
MV_Schw	T	3589	19	1	0.57780206681461	
MV_Schw	G	3590	23	1		1
MV_Schw	T	3591	8	0		1
MV_Schw	A	3592	4	0		1
MV_Schw	C	3593	58	1		1
MV_Schw	A	3594	54	1		1
MV_Schw	T	3595	29	0		1
MV_Schw	G	3596	126	3		1
MV_Schw	T	3597	6	0		1
MV_Schw	T	3598	19	0		1

MV_Schw	T	3599	4	0		1
MV_Schw	C	3600	357	8		1
MV_Schw	T	3601	14	1	0.944879389258477	
MV_Schw	G	3602	252	7		1
MV_Schw	C	3603	182	3		1
MV_Schw	T	3604	35	0		1
MV_Schw	G	3605	62	1		1
MV_Schw	G	3606	31	1		1
MV_Schw	G	3607	66	2		1
MV_Schw	G	3608	47	1		1
MV_Schw	G	3609	103	1		1
MV_Schw	T	3610	4	0		1
MV_Schw	T	3611	17	0		1
MV_Schw	G	3612	465	10		1
MV_Schw	T	3613	48	1		1
MV_Schw	T	3614	134	2		1
MV_Schw	G	3615	174	2		1
MV_Schw	A	3616	39	1		1
MV_Schw	G	3617	78	1		1
MV_Schw	G	3618	147	2		1
MV_Schw	A	3619	12	0		1
MV_Schw	C	3620	560	13		1
MV_Schw	A	3621	47	2	0.678058690427187	
MV_Schw	G	3622	221	3		1
MV_Schw	C	3623	250	5		1
MV_Schw	G	3624	60	1		1
MV_Schw	A	3625	83	1		1
MV_Schw	T	3626	33	1		1
MV_Schw	T	3627	66	1		1
MV_Schw	C	3628	39	1		1
MV_Schw	C	3629	110	1		1
MV_Schw	C	3630	118	3		1
MV_Schw	T	3631	48	0	0.950262622850522	
MV_Schw	A	3632	52	1		1
MV_Schw	G	3633	41	1	0.945767847051808	
MV_Schw	G	3634	31	1	0.791667533131283	

MV_Schw	G	3635	10	1	0.822598489333375
MV_Schw	C	3636	12	1	0.88950624150852
MV_Schw	C	3637	74	2	1
MV_Schw	T	3638	23	2	0.296710762771661
MV_Schw	C	3639	10	0	1
MV_Schw	C	3640	62	1	1
MV_Schw	A	3641	58	1	1
MV_Schw	A	3642	8	0	1
MV_Schw	T	3643	62	0	0.789229943133706
MV_Schw	C	3644	33	2	0.463720798159947
MV_Schw	G	3645	64	1	1
MV_Schw	G	3646	37	1	1
MV_Schw	G	3647	277	3	0.598480293360952
MV_Schw	C	3648	229	3	0.88950624150852
MV_Schw	G	3649	48	1	1
MV_Schw	A	3650	25	1	0.704667204683568
MV_Schw	G	3651	27	0	1
MV_Schw	C	3652	37	1	1
MV_Schw	A	3653	33	1	0.822598489333375
MV_Schw	T	3654	45	4	0.0485139564708208
MV_Schw	T	3655	58	1	1
MV_Schw	T	3656	35	1	1
MV_Schw	G	3657	91	0	0.497615650989996
MV_Schw	G	3658	33	1	1
MV_Schw	G	3659	182	0	0.060993248324147
MV_Schw	T	3660	0	1	0.0328674635647276
MV_Schw	T	3661	10	0	1
MV_Schw	C	3662	43	0	1
MV_Schw	C	3663	72	1	1
MV_Schw	T	3664	6	0	1
MV_Schw	G	3665	211	2	0.73453580589799
MV_Schw	C	3666	25	0	1
MV_Schw	C	3667	14	0	1
MV_Schw	C	3668	99	1	1
MV_Schw	T	3669	4	0	1
MV_Schw	T	3670	2	0	1

MV_Schw	A	3671	8	0		1
MV_Schw	G	3672	21	1	0.632968068765344	
MV_Schw	G	3673	19	0		1
MV_Schw	T	3674	4	0		1
MV_Schw	G	3675	27	1		1
MV_Schw	T	3676	2	1	0.491835918445353	
MV_Schw	T	3677	21	1	0.632968068765344	
MV_Schw	G	3678	171	2		1
MV_Schw	G	3679	116	3		1
MV_Schw	C	3680	66	1		1
MV_Schw	A	3681	14	0		1
MV_Schw	G	3682	37	1		1
MV_Schw	A	3683	17	0		1
MV_Schw	T	3684	21	1		1
MV_Schw	C	3685	23	0		1
MV_Schw	C	3686	31	1	0.791667533131283	
MV_Schw	A	3687	8	0		1
MV_Schw	C	3688	120	2		1
MV_Schw	A	3689	79	3	0.882548734849042	
MV_Schw	G	3690	27	1		1
MV_Schw	C	3691	153	3		1
MV_Schw	A	3692	8	0		1
MV_Schw	A	3693	12	0		1
MV_Schw	A	3694	4	1	0.619556855087002	
MV_Schw	G	3695	45	7	2.77143066096742e-05	
MV_Schw	C	3696	8	1	0.258627633593378	
MV_Schw	C	3697	43	0		1
MV_Schw	C	3698	134	1	0.983041048229953	
MV_Schw	G	3699	138	0	0.22714633168584	
MV_Schw	A	3700	87	2		1
MV_Schw	A	3701	31	1		1
MV_Schw	A	3702	31	0		1
MV_Schw	A	3703	8	0		1
MV_Schw	A	3704	0	1	0.307480793677112	
MV_Schw	C	3705	45	1		1
MV_Schw	T	3706	12	0		1

MV_Schw	C	3707	33	0		1
MV_Schw	C	3708	169	5	0.945767847051808	
MV_Schw	T	3709	12	0		1
MV_Schw	C	3710	60	1		1
MV_Schw	A	3711	43	1	0.950262622850522	
MV_Schw	A	3712	10	1	0.822598489333375	
MV_Schw	A	3713	27	1		1
MV_Schw	G	3714	81	5	0.0615109920796856	
MV_Schw	A	3715	31	0		1
MV_Schw	G	3716	50	2	0.746970975838775	
MV_Schw	G	3717	14	0		1
MV_Schw	C	3718	52	0	0.950262622850522	
MV_Schw	C	3719	27	1		1
MV_Schw	A	3720	8	0		1
MV_Schw	C	3721	248	6		1
MV_Schw	T	3722	17	1	0.983041048229953	
MV_Schw	G	3723	37	1		1
MV_Schw	A	3724	17	1	0.983041048229953	
MV_Schw	G	3725	250	9	0.273369386378934	
MV_Schw	C	3726	54	5	0.00939140138445221	
MV_Schw	T	3727	23	2	0.296710762771661	
MV_Schw	T	3728	43	1		1
MV_Schw	G	3729	74	1		1
MV_Schw	A	3730	14	1	0.944879389258477	
MV_Schw	C	3731	223	9	0.147610065220325	
MV_Schw	A	3732	72	3	0.42458526175556	
MV_Schw	T	3733	10	0		1
MV_Schw	A	3734	19	0		1
MV_Schw	G	3735	62	1		1
MV_Schw	T	3736	33	1		1
MV_Schw	T	3737	27	0		1
MV_Schw	G	3738	393	11	0.840983359503437	
MV_Schw	T	3739	4	0		1
MV_Schw	T	3740	105	1		1
MV_Schw	A	3741	54	1		1
MV_Schw	G	3742	91	5	0.217911555108928	

MV_Schw	A	3743	4	1	0.619556855087002
MV_Schw	C	3744	112	3	1
MV_Schw	G	3745	124	2	1
MV_Schw	T	3746	17	0	1
MV_Schw	A	3747	14	1	0.944879389258477
MV_Schw	C	3748	128	3	1
MV_Schw	A	3749	126	1	1
MV_Schw	G	3750	172	5	0.789229943133706
MV_Schw	C	3751	244	3	0.996771597822493
MV_Schw	A	3752	17	1	0.983041048229953
MV_Schw	G	3753	93	2	1
MV_Schw	G	3754	85	5	0.074997775457354
MV_Schw	G	3755	450	12	0.795187041925325
MV_Schw	C	3756	78	1	1
MV_Schw	T	3757	14	0	1
MV_Schw	C	3758	19	0	1
MV_Schw	A	3759	17	1	0.983041048229953
MV_Schw	A	3760	35	1	1
MV_Schw	T	3761	107	1	0.945767847051808
MV_Schw	G	3762	318	5	1
MV_Schw	A	3763	48	1	1
MV_Schw	A	3764	10	0	1
MV_Schw	A	3765	8	0	1
MV_Schw	A	3766	50	1	1
MV_Schw	A	3767	2	0	1
MV_Schw	C	3768	105	3	1
MV_Schw	T	3769	23	1	0.658415249679101
MV_Schw	G	3770	41	1	1
MV_Schw	G	3771	45	0	1
MV_Schw	T	3772	8	0	1
MV_Schw	G	3773	60	1	1
MV_Schw	T	3774	2	0	1
MV_Schw	T	3775	10	0	1
MV_Schw	C	3776	83	1	1
MV_Schw	T	3777	85	0	0.648224297390367
MV_Schw	A	3778	43	1	1

MV_Schw	C	3779	620	11		1
MV_Schw	A	3780	50	1		1
MV_Schw	A	3781	45	3	0.144729111493106	
MV_Schw	C	3782	316	8		1
MV_Schw	A	3783	8	0		1
MV_Schw	A	3784	10	0		1
MV_Schw	C	3785	81	3	0.88950624150852	
MV_Schw	A	3786	12	0		1
MV_Schw	C	3787	56	1		1
MV_Schw	C	3788	23	0		1
MV_Schw	C	3789	72	4	0.222002676269896	
MV_Schw	C	3790	192	5		1
MV_Schw	A	3791	64	1		1
MV_Schw	C	3792	190	5	0.950262622850522	
MV_Schw	T	3793	74	0	0.795198078226602	
MV_Schw	A	3794	25	0		1
MV_Schw	A	3795	21	0		1
MV_Schw	C	3796	112	2		1
MV_Schw	T	3797	48	1		1
MV_Schw	C	3798	68	0	0.789229943133706	
MV_Schw	T	3799	12	1	0.88950624150852	
MV_Schw	C	3800	52	1		1
MV_Schw	C	3801	194	2	0.822598489333375	
MV_Schw	T	3802	12	1	0.88950624150852	
MV_Schw	C	3803	62	0	0.789229943133706	
MV_Schw	A	3804	4	0		1
MV_Schw	C	3805	14	0		1
MV_Schw	A	3806	4	0		1
MV_Schw	C	3807	8	1	0.789229943133706	
MV_Schw	C	3808	50	0	0.950262622850522	
MV_Schw	T	3809	8	0		1
MV_Schw	T	3810	4	0		1
MV_Schw	G	3811	21	1	0.632968068765344	
MV_Schw	G	3812	43	1	0.950262622850522	
MV_Schw	A	3813	6	0		1
MV_Schw	G	3814	95	1		1

MV_Schw	A	3815	4	0		1
MV_Schw	A	3816	4	0		1
MV_Schw	A	3817	17	1	0.528591092326266	
MV_Schw	G	3818	91	3	0.734151152837751	
MV_Schw	G	3819	87	3	0.935220820395243	
MV_Schw	T	3820	10	0		1
MV_Schw	C	3821	31	0		1
MV_Schw	C	3822	114	2		1
MV_Schw	T	3823	72	1		1
MV_Schw	A	3824	35	1		1
MV_Schw	A	3825	25	2	0.314611398059001	
MV_Schw	C	3826	167	3		1
MV_Schw	A	3827	43	1	0.950262622850522	
MV_Schw	A	3828	6	0		1
MV_Schw	C	3829	248	2	0.528869794103543	
MV_Schw	A	3830	41	0		1
MV_Schw	G	3831	62	1		1
MV_Schw	G	3832	149	5	0.892314320616093	
MV_Schw	G	3833	58	2	0.98139756833885	
MV_Schw	A	3834	29	0		1
MV_Schw	G	3835	58	4	0.118907467124559	
MV_Schw	T	3836	21	1		1
MV_Schw	G	3837	54	0	0.950262622850522	
MV_Schw	T	3838	12	0		1
MV_Schw	C	3839	514	13	0.983041048229953	
MV_Schw	T	3840	140	3		1
MV_Schw	T	3841	120	2		1
MV_Schw	C	3842	151	4		1
MV_Schw	A	3843	64	2		1
MV_Schw	A	3844	66	2		1
MV_Schw	C	3845	576	13		1
MV_Schw	G	3846	58	2	0.98139756833885	
MV_Schw	C	3847	23	1	0.658415249679101	
MV_Schw	A	3848	23	1		1
MV_Schw	A	3849	19	2	0.224063006917908	
MV_Schw	A	3850	74	4	0.237817203872315	

MV_Schw	C	3851	37	0		1
MV_Schw	C	3852	91	1		1
MV_Schw	A	3853	0	0		1
MV_Schw	A	3854	12	1	0.88950624150852	
MV_Schw	G	3855	120	3		1
MV_Schw	T	3856	4	0		1
MV_Schw	G	3857	114	3		1
MV_Schw	T	3858	14	0		1
MV_Schw	G	3859	48	1		1
MV_Schw	C	3860	182	7	0.302665612003202	
MV_Schw	A	3861	81	0	0.641186461810141	
MV_Schw	A	3862	47	0		1
MV_Schw	T	3863	66	2		1
MV_Schw	G	3864	56	2	0.968890372475178	
MV_Schw	C	3865	76	1		1
MV_Schw	G	3866	184	0	0.060993248324147	
MV_Schw	G	3867	234	3		1
MV_Schw	T	3868	27	0		1
MV_Schw	T	3869	10	0		1
MV_Schw	A	3870	17	0		1
MV_Schw	A	3871	60	1		1
MV_Schw	T	3872	35	0		1
MV_Schw	C	3873	136	3		1
MV_Schw	T	3874	48	1		1
MV_Schw	G	3875	33	0		1
MV_Schw	A	3876	10	0		1
MV_Schw	T	3877	109	0	0.381672248067152	
MV_Schw	A	3878	8	0		1
MV_Schw	C	3879	85	5	0.074997775457354	
MV_Schw	C	3880	14	2	0.125475779768559	
MV_Schw	G	3881	122	4	0.822598489333375	
MV_Schw	C	3882	335	2	0.152804551431613	
MV_Schw	T	3883	41	0		1
MV_Schw	C	3884	118	1	0.789229943133706	
MV_Schw	G	3885	76	0	0.638894311640422	
MV_Schw	A	3886	37	0		1

MV_Schw	T	3887	52	0	0.950262622850522	
MV_Schw	A	3888	21	2	0.258627633593378	
MV_Schw	C	3889	21	1		1
MV_Schw	C	3890	25	0		1
MV_Schw	C	3891	19	1		1
MV_Schw	C	3892	742	13		1
MV_Schw	G	3893	118	3		1
MV_Schw	C	3894	207	4		1
MV_Schw	A	3895	45	1		1
MV_Schw	G	3896	136	3		1
MV_Schw	A	3897	4	0		1
MV_Schw	G	3898	10	0		1
MV_Schw	G	3899	62	1		1
MV_Schw	T	3900	6	1	0.704667204683568	
MV_Schw	T	3901	21	0		1
MV_Schw	C	3902	35	1		1
MV_Schw	C	3903	209	1	0.444605338381727	
MV_Schw	G	3904	256	5		1
MV_Schw	T	3905	110	1	0.789229943133706	
MV_Schw	G	3906	329	3	0.355029756941442	
MV_Schw	T	3907	8	0		1
MV_Schw	T	3908	33	1		1
MV_Schw	G	3909	285	9	0.51781700540984	
MV_Schw	T	3910	27	0		1
MV_Schw	T	3911	10	1	0.822598489333375	
MV_Schw	T	3912	72	1		1
MV_Schw	A	3913	17	0		1
MV_Schw	T	3914	25	1		1
MV_Schw	A	3915	60	3	0.550155392537109	
MV_Schw	T	3916	126	2		1
MV_Schw	G	3917	58	1		1
MV_Schw	A	3918	6	0		1
MV_Schw	G	3919	186	3		1
MV_Schw	C	3920	101	4	0.576193745443697	
MV_Schw	A	3921	103	3	0.950262622850522	
MV_Schw	T	3922	17	0		1

MV_Schw	C	3923	78	1		1
MV_Schw	A	3924	47	2	0.678058690427187	
MV_Schw	C	3925	194	6	0.725511104255308	
MV_Schw	C	3926	37	1	0.88950624150852	
MV_Schw	C	3927	180	6	0.670827466361185	
MV_Schw	G	3928	35	0		1
MV_Schw	T	3929	10	1	0.822598489333375	
MV_Schw	C	3930	116	3	0.957721317456694	
MV_Schw	T	3931	29	1		1
MV_Schw	T	3932	43	0		1
MV_Schw	T	3933	6	0		1
MV_Schw	C	3934	72	1		1
MV_Schw	G	3935	78	2		1
MV_Schw	G	3936	39	1	0.9314909603024	
MV_Schw	A	3937	12	1	0.88950624150852	
MV_Schw	T	3938	21	0		1
MV_Schw	A	3939	14	0		1
MV_Schw	A	3940	4	0		1
MV_Schw	C	3941	79	3	0.882548734849042	
MV_Schw	G	3942	107	5	0.181053376647436	
MV_Schw	G	3943	50	2	0.746970975838775	
MV_Schw	G	3944	33	0		1
MV_Schw	T	3945	16	1	0.950262622850522	
MV_Schw	A	3946	21	1		1
MV_Schw	T	3947	6	2	0.0328674635647276	
MV_Schw	T	3948	10	0		1
MV_Schw	A	3949	4	1	0.619556855087002	
MV_Schw	C	3950	258	5		1
MV_Schw	A	3951	21	1		1
MV_Schw	C	3952	79	3	0.658415249679101	
MV_Schw	C	3953	39	1	0.9314909603024	
MV_Schw	G	3954	43	1	0.950262622850522	
MV_Schw	T	3955	10	0		1
MV_Schw	T	3956	14	0		1
MV_Schw	C	3957	126	1	0.658415249679101	
MV_Schw	C	3958	54	1		1

MV_Schw	T	3959	16	0		1
MV_Schw	A	3960	29	1		1
MV_Schw	G	3961	231	2	0.63332687953074	
MV_Schw	A	3962	16	0		1
MV_Schw	A	3963	16	0		1
MV_Schw	G	3964	50	1		1
MV_Schw	A	3965	6	0		1
MV_Schw	A	3966	16	1	0.483965165529824	
MV_Schw	T	3967	27	0		1
MV_Schw	G	3968	64	2		1
MV_Schw	C	3969	424	5	0.497615650989996	
MV_Schw	T	3970	47	0		1
MV_Schw	G	3971	310	6		1
MV_Schw	G	3972	141	6	0.298485329352986	
MV_Schw	A	3973	14	1	0.426789350155389	
MV_Schw	A	3974	37	1	0.88950624150852	
MV_Schw	T	3975	99	2		1
MV_Schw	T	3976	12	0		1
MV_Schw	C	3977	35	1		1
MV_Schw	A	3978	23	0		1
MV_Schw	G	3979	324	8		1
MV_Schw	A	3980	87	1		1
MV_Schw	T	3981	25	1		1
MV_Schw	C	3982	33	0		1
MV_Schw	G	3983	219	7	0.77901773725233	
MV_Schw	G	3984	120	2		1
MV_Schw	T	3985	60	2	0.983041048229953	
MV_Schw	C	3986	74	3	0.831755077907185	
MV_Schw	A	3987	41	1		1
MV_Schw	A	3988	52	0	0.950262622850522	
MV_Schw	T	3989	31	0		1
MV_Schw	G	3990	165	3		1
MV_Schw	C	3991	48	1		1
MV_Schw	A	3992	19	0		1
MV_Schw	G	3993	227	5		1
MV_Schw	T	3994	43	0		1

MV_Schw	G	3995	27	0		1
MV_Schw	G	3996	39	0		1
MV_Schw	C	3997	6	0		1
MV_Schw	C	3998	211	8	0.296710762771661	
MV_Schw	T	3999	19	0		1
MV_Schw	T	4000	23	1	0.658415249679101	
MV_Schw	C	4001	52	0	0.950262622850522	
MV_Schw	A	4002	8	1	0.258627633593378	
MV_Schw	A	4003	23	0		1
MV_Schw	C	4004	83	3	0.897349285586955	
MV_Schw	C	4005	50	2	0.746970975838775	
MV_Schw	T	4006	43	1		1
MV_Schw	G	4007	43	1		1
MV_Schw	C	4008	149	1	0.88950624150852	
MV_Schw	T	4009	68	0	0.789229943133706	
MV_Schw	G	4010	45	1		1
MV_Schw	G	4011	165	1	0.786994490087255	
MV_Schw	T	4012	25	0		1
MV_Schw	G	4013	12	0		1
MV_Schw	A	4014	12	0		1
MV_Schw	C	4015	50	1		1
MV_Schw	C	4016	12	0		1
MV_Schw	C	4017	45	1		1
MV_Schw	T	4018	70	2		1
MV_Schw	T	4019	2	1	0.491835918445353	
MV_Schw	A	4020	10	0		1
MV_Schw	G	4021	81	3	0.667619064364632	
MV_Schw	G	4022	50	1		1
MV_Schw	A	4023	23	0		1
MV_Schw	T	4024	19	0		1
MV_Schw	T	4025	64	1		1
MV_Schw	G	4026	52	1		1
MV_Schw	A	4027	2	0		1
MV_Schw	C	4028	227	8	0.408952610404075	
MV_Schw	A	4029	85	5	0.17325046551955	
MV_Schw	A	4030	39	1		1

MV_Schw	G	4031	126	2		1
MV_Schw	G	4032	112	2		1
MV_Schw	C	4033	74	1		1
MV_Schw	G	4034	107	2		1
MV_Schw	A	4035	23	0		1
MV_Schw	T	4036	89	2		1
MV_Schw	A	4037	45	0		1
MV_Schw	G	4038	27	1		1
MV_Schw	G	4039	29	1		1
MV_Schw	C	4040	33	0		1
MV_Schw	C	4041	147	3		1
MV_Schw	C	4042	64	0	0.789229943133706	
MV_Schw	T	4043	43	1	0.950262622850522	
MV_Schw	G	4044	95	3	0.764161655608143	
MV_Schw	G	4045	574	11		1
MV_Schw	G	4046	174	4		1
MV_Schw	A	4047	16	1	0.950262622850522	
MV_Schw	A	4048	184	4		1
MV_Schw	G	4049	54	1		1
MV_Schw	A	4050	62	1		1
MV_Schw	T	4051	6	0		1
MV_Schw	C	4052	116	2		1
MV_Schw	A	4053	128	2		1
MV_Schw	T	4054	31	1	0.791667533131283	
MV_Schw	C	4055	669	10	0.789229943133706	
MV_Schw	G	4056	331	7		1
MV_Schw	A	4057	14	1	0.944879389258477	
MV_Schw	C	4058	147	3		1
MV_Schw	A	4059	19	0		1
MV_Schw	A	4060	21	1	0.632968068765344	
MV_Schw	T	4061	29	1	0.789229943133706	
MV_Schw	A	4062	0	1	0.307480793677112	
MV_Schw	C	4063	19	1		1
MV_Schw	A	4064	14	0		1
MV_Schw	G	4065	109	3	0.950262622850522	
MV_Schw	A	4066	31	3	0.0518737301478137	

MV_Schw	G	4067	147	1	0.88950624150852
MV_Schw	C	4068	48	0	0.950262622850522
MV_Schw	A	4069	16	0	1
MV_Schw	A	4070	33	1	1
MV_Schw	C	4071	76	1	1
MV_Schw	T	4072	23	0	1
MV_Schw	T	4073	72	1	1
MV_Schw	C	4074	138	1	0.983694697749173
MV_Schw	C	4075	236	5	1
MV_Schw	T	4076	47	0	1
MV_Schw	G	4077	308	8	0.950262622850522
MV_Schw	A	4078	43	1	1
MV_Schw	G	4079	52	1	1
MV_Schw	G	4080	136	1	0.667619064364632
MV_Schw	C	4081	87	2	1
MV_Schw	A	4082	21	0	1
MV_Schw	A	4083	8	0	1
MV_Schw	C	4084	167	5	0.944879389258477
MV_Schw	A	4085	79	1	1
MV_Schw	T	4086	29	0	1
MV_Schw	T	4087	39	1	1
MV_Schw	T	4088	31	1	1
MV_Schw	A	4089	43	2	0.632968068765344
MV_Schw	T	4090	43	1	0.950262622850522
MV_Schw	G	4091	192	3	1
MV_Schw	G	4092	27	0	1
MV_Schw	T	4093	85	3	0.918952129071198
MV_Schw	C	4094	19	0	1
MV_Schw	C	4095	120	4	0.813457243243208
MV_Schw	A	4096	31	0	1
MV_Schw	C	4097	145	2	1
MV_Schw	A	4098	50	1	1
MV_Schw	T	4099	33	2	0.463720798159947
MV_Schw	C	4100	155	9	0.0244690997594899
MV_Schw	G	4101	99	2	1
MV_Schw	G	4102	579	13	1

MV_Schw	G	4103	70	1		1
MV_Schw	A	4104	48	1		1
MV_Schw	A	4105	41	2	0.599534349993353	
MV_Schw	C	4106	54	1		1
MV_Schw	T	4107	17	0		1
MV_Schw	T	4108	14	1	0.944879389258477	
MV_Schw	C	4109	50	0	0.950262622850522	
MV_Schw	A	4110	70	1		1
MV_Schw	G	4111	298	1	0.110724661200760	
MV_Schw	G	4112	101	1		1
MV_Schw	A	4113	12	1	0.88950624150852	
MV_Schw	G	4114	78	1		1
MV_Schw	A	4115	4	0		1
MV_Schw	A	4116	10	0		1
MV_Schw	A	4117	54	1		1
MV_Schw	G	4118	97	3		1
MV_Schw	A	4119	12	0		1
MV_Schw	A	4120	2	0		1
MV_Schw	G	4121	83	2		1
MV_Schw	A	4122	37	0		1
MV_Schw	G	4123	269	7		1
MV_Schw	T	4124	4	0		1
MV_Schw	G	4125	76	2		1
MV_Schw	A	4126	6	0		1
MV_Schw	A	4127	10	0		1
MV_Schw	G	4128	382	7		1
MV_Schw	T	4129	10	0		1
MV_Schw	C	4130	37	0		1
MV_Schw	T	4131	2	1	0.491835918445353	
MV_Schw	A	4132	23	0		1
MV_Schw	C	4133	132	1	0.659520109379356	
MV_Schw	T	4134	29	2	0.389821719583598	
MV_Schw	C	4135	21	1		1
MV_Schw	T	4136	16	0		1
MV_Schw	G	4137	264	7		1
MV_Schw	C	4138	97	3	0.78354985902497	

MV_Schw	C	4139	89	1		1
MV_Schw	G	4140	118	6	0.131696362088734	
MV_Schw	A	4141	16	0		1
MV_Schw	T	4142	14	2	0.125475779768559	
MV_Schw	T	4143	8	0		1
MV_Schw	A	4144	6	0		1
MV_Schw	T	4145	4	0		1
MV_Schw	T	4146	87	2		1
MV_Schw	G	4147	110	2		1
MV_Schw	C	4148	10	1	0.307480793677112	
MV_Schw	A	4149	6	0		1
MV_Schw	A	4150	8	0		1
MV_Schw	A	4151	2	1	0.491835918445353	
MV_Schw	A	4152	12	1	0.88950624150852	
MV_Schw	T	4153	31	2	0.428411386231373	
MV_Schw	G	4154	10	1	0.822598489333375	
MV_Schw	A	4155	10	0		1
MV_Schw	A	4156	0	1	0.307480793677112	
MV_Schw	A	4157	10	1	0.822598489333375	
MV_Schw	A	4158	14	0		1
MV_Schw	T	4159	4	0		1
MV_Schw	C	4160	62	1		1
MV_Schw	G	4161	37	2	0.528591092326266	
MV_Schw	A	4162	85	5	0.17325046551955	
MV_Schw	A	4163	45	4	0.0485139564708208	
MV_Schw	A	4164	76	5	0.0447617119591361	
MV_Schw	A	4165	12	0		1
MV_Schw	G	4166	35	1	0.863499923807603	
MV_Schw	A	4167	4	0		1
MV_Schw	T	4168	66	2		1
MV_Schw	G	4169	8	0		1
MV_Schw	G	4170	19	1		1
MV_Schw	G	4171	47	1		1
MV_Schw	C	4172	41	1		1
MV_Schw	C	4173	256	11	0.0979129039567312	
MV_Schw	T	4174	14	1	0.426789350155389	

MV_Schw	G	4175	409	13	0.498285516700032
MV_Schw	G	4176	196	10	0.0356936802355292
MV_Schw	T	4177	66	1	1
MV_Schw	T	4178	122	5	0.337352366102426
MV_Schw	T	4179	58	3	0.281632101641278
MV_Schw	T	4180	43	2	0.632968068765344
MV_Schw	T	4181	43	2	0.632968068765344
MV_Schw	G	4182	89	1	1
MV_Schw	C	4183	126	5	0.35554222034638
MV_Schw	A	4184	10	0	1
MV_Schw	C	4185	50	2	0.746970975838775
MV_Schw	T	4186	2	0	1
MV_Schw	T	4187	23	1	1
MV_Schw	G	4188	118	4	0.804012640024926
MV_Schw	G	4189	161	4	1
MV_Schw	T	4190	62	2	0.991517221373143
MV_Schw	G	4191	64	3	0.609091736782917
MV_Schw	G	4192	79	1	1
MV_Schw	G	4193	12	1	0.366832525336205
MV_Schw	A	4194	37	1	0.88950624150852
MV_Schw	T	4195	56	1	1
MV_Schw	A	4196	25	1	0.704667204683568
MV_Schw	G	4197	186	9	0.0898677847554452
MV_Schw	G	4198	359	17	0.00591222682959421
MV_Schw	G	4199	434	23	3.78376829035142e-05
MV_Schw	G	4200	118	3	1
MV_Schw	G	4201	126	3	1
MV_Schw	C	4202	438	13	0.632968068765344
MV_Schw	A	4203	50	1	1
MV_Schw	C	4204	450	16	0.118191457916424
MV_Schw	C	4205	62	2	0.991517221373143
MV_Schw	A	4206	8	0	1
MV_Schw	G	4207	89	2	1
MV_Schw	T	4208	17	1	0.983041048229953
MV_Schw	C	4209	85	2	1
MV_Schw	T	4210	107	4	0.619556855087002

MV_Schw	T	4211	41	2	0.599534349993353
MV_Schw	C	4212	110	1	1
MV_Schw	A	4213	25	1	0.704667204683568
MV_Schw	C	4214	79	1	1
MV_Schw	A	4215	62	1	1
MV_Schw	T	4216	14	0	1
MV_Schw	T	4217	19	1	1
MV_Schw	A	4218	12	0	1
MV_Schw	G	4219	76	5	0.116125222018745
MV_Schw	A	4220	16	1	0.950262622850522
MV_Schw	A	4221	33	1	0.822598489333375
MV_Schw	G	4222	68	1	1
MV_Schw	C	4223	66	1	1
MV_Schw	A	4224	14	1	0.944879389258477
MV_Schw	C	4225	14	1	0.426789350155389
MV_Schw	A	4226	37	2	0.528591092326266
MV_Schw	G	4227	283	8	0.82920869837831
MV_Schw	G	4228	91	2	1
MV_Schw	C	4229	14	1	0.944879389258477
MV_Schw	A	4230	27	1	0.752394317790241
MV_Schw	A	4231	6	1	0.704667204683568
MV_Schw	A	4232	16	1	0.950262622850522
MV_Schw	A	4233	25	1	0.704667204683568
MV_Schw	T	4234	47	1	1
MV_Schw	G	4235	21	0	1
MV_Schw	A	4236	6	0	1
MV_Schw	G	4237	279	3	0.819327818667335
MV_Schw	C	4238	211	3	0.957721317456694
MV_Schw	A	4239	33	1	0.822598489333375
MV_Schw	A	4240	76	1	1
MV_Schw	G	4241	109	3	1
MV_Schw	A	4242	29	1	1
MV_Schw	C	4243	186	6	0.692135603522152
MV_Schw	T	4244	68	3	0.806176178462968
MV_Schw	C	4245	56	2	0.968890372475178
MV_Schw	T	4246	62	3	0.57780206681461

MV_Schw	C	4247	52	1		1
MV_Schw	C	4248	231	6	0.987114400552037	
MV_Schw	A	4249	33	1		1
MV_Schw	T	4250	56	1		1
MV_Schw	G	4251	116	3		1
MV_Schw	C	4252	172	7	0.201911037789983	
MV_Schw	A	4253	35	1		1
MV_Schw	C	4254	6	0		1
MV_Schw	A	4255	72	0	0.791667533131283	
MV_Schw	A	4256	4	0		1
MV_Schw	C	4257	169	3		1
MV_Schw	T	4258	23	1		1
MV_Schw	C	4259	52	0	0.950262622850522	
MV_Schw	G	4260	47	1		1
MV_Schw	G	4261	287	3	0.822598489333375	
MV_Schw	G	4262	217	11	0.0319010759004556	
MV_Schw	T	4263	10	0		1
MV_Schw	T	4264	10	1	0.822598489333375	
MV_Schw	C	4265	31	1		1
MV_Schw	A	4266	14	1	0.426789350155389	
MV_Schw	A	4267	169	3		1
MV_Schw	G	4268	465	14	0.483965165529824	
MV_Schw	A	4269	60	3	0.298698990757132	
MV_Schw	A	4270	23	1		1
MV_Schw	G	4271	37	2	0.528591092326266	
MV_Schw	A	4272	10	0		1
MV_Schw	C	4273	141	6	0.298485329352986	
MV_Schw	C	4274	39	3	0.273798916014578	
MV_Schw	T	4275	6	0		1
MV_Schw	T	4276	19	1		1
MV_Schw	A	4277	19	1		1
MV_Schw	T	4278	39	2	0.560243889454362	
MV_Schw	G	4279	87	3	0.704667204683568	
MV_Schw	T	4280	2	1	0.491835918445353	
MV_Schw	T	4281	16	1	0.483965165529824	
MV_Schw	A	4282	2	0		1

MV_Schw	C	4283	165	7	0.357971118117194
MV_Schw	C	4284	58	1	1
MV_Schw	C	4285	419	9	1
MV_Schw	G	4286	37	3	0.245202640825390
MV_Schw	C	4287	95	2	1
MV_Schw	T	4288	64	2	1
MV_Schw	G	4289	140	5	0.560243889454362
MV_Schw	A	4290	62	2	0.991517221373143
MV_Schw	T	4291	103	1	1
MV_Schw	G	4292	6	0	1
MV_Schw	G	4293	27	1	1
MV_Schw	A	4294	12	3	0.0185822733014261
MV_Schw	T	4295	60	4	0.130118305522798
MV_Schw	A	4296	50	5	0.00646085985430435
MV_Schw	T	4297	2	1	0.491835918445353
MV_Schw	C	4298	47	1	1
MV_Schw	A	4299	23	1	1
MV_Schw	A	4300	227	18	7.65250133359143e-07
MV_Schw	T	4301	110	5	0.206887130359510
MV_Schw	G	4302	147	7	0.126593150614623
MV_Schw	A	4303	6	1	0.704667204683568
MV_Schw	A	4304	17	0	1
MV_Schw	G	4305	62	4	0.144327963472984
MV_Schw	A	4306	12	1	0.88950624150852
MV_Schw	C	4307	217	4	1
MV_Schw	C	4308	23	0	1
MV_Schw	T	4309	12	0	1
MV_Schw	T	4310	10	1	0.822598489333375
MV_Schw	A	4311	6	1	0.704667204683568
MV_Schw	A	4312	83	3	0.897349285586955
MV_Schw	T	4313	16	1	0.950262622850522
MV_Schw	C	4314	101	2	1
MV_Schw	G	4315	35	1	0.863499923807603
MV_Schw	A	4316	10	1	0.822598489333375
MV_Schw	T	4317	105	3	0.950262622850522
MV_Schw	T	4318	58	3	0.528591092326266

MV_Schw	A	4319	0	0	1
MV_Schw	C	4320	76	4	0.256701313538806
MV_Schw	T	4321	4	0	1
MV_Schw	C	4322	87	3	0.704667204683568
MV_Schw	T	4323	43	0	1
MV_Schw	G	4324	41	1	0.945767847051808
MV_Schw	G	4325	37	3	0.245202640825390
MV_Schw	A	4326	16	0	1
MV_Schw	G	4327	97	2	1
MV_Schw	G	4328	12	0	1
MV_Schw	A	4329	143	1	0.542465567021569
MV_Schw	G	4330	238	5	1
MV_Schw	C	4331	81	1	1
MV_Schw	A	4332	23	1	1
MV_Schw	G	4333	19	0	1
MV_Schw	A	4334	27	1	0.752394317790241
MV_Schw	T	4335	39	1	1
MV_Schw	G	4336	141	0	0.235179608025014
MV_Schw	C	4337	103	1	0.944879389258477
MV_Schw	A	4338	35	3	0.222002676269896
MV_Schw	A	4339	25	0	1
MV_Schw	G	4340	153	3	1
MV_Schw	A	4341	6	0	1
MV_Schw	T	4342	23	0	1
MV_Schw	A	4343	10	0	1
MV_Schw	G	4344	91	3	1
MV_Schw	T	4345	244	1	0.302058122534159
MV_Schw	A	4346	33	2	0.463720798159947
MV_Schw	A	4347	35	4	0.0204019317113173
MV_Schw	G	4348	29	1	1
MV_Schw	A	4349	25	2	0.314611398059001
MV_Schw	A	4350	48	3	0.180802417286166
MV_Schw	T	4351	39	3	0.0985243136405861
MV_Schw	C	4352	48	0	0.950262622850522
MV_Schw	C	4353	45	1	1
MV_Schw	A	4354	66	3	0.633417216184605

MV_Schw	G	4355	432	13	0.441951654965022	
MV_Schw	G	4356	159	1	0.437783686960654	
MV_Schw	C	4357	87	1		1
MV_Schw	A	4358	23	3	0.0909615969432528	
MV_Schw	G	4359	172	5		1
MV_Schw	T	4360	21	0		1
MV_Schw	T	4361	97	2		1
MV_Schw	T	4362	39	1		1
MV_Schw	T	4363	83	3	0.897349285586955	
MV_Schw	G	4364	134	2		1
MV_Schw	C	4365	343	7		1
MV_Schw	A	4366	143	5	0.75130292006671	
MV_Schw	G	4367	70	1		1
MV_Schw	C	4368	10	0		1
MV_Schw	C	4369	39	1		1
MV_Schw	A	4370	126	0	0.305061614162072	
MV_Schw	T	4371	29	0		1
MV_Schw	C	4372	147	1	0.88950624150852	
MV_Schw	A	4373	10	0		1
MV_Schw	G	4374	134	5	0.704667204683568	
MV_Schw	T	4375	12	0		1
MV_Schw	NA	4376	0	0		NA
MV_Schw	C	4377	31	1		1
MV_Schw	C	4378	118	1		1
MV_Schw	T	4379	35	1	0.863499923807603	
MV_Schw	C	4380	372	9	0.995025579972359	
MV_Schw	A	4381	52	1		1
MV_Schw	A	4382	10	1	0.822598489333375	
MV_Schw	G	4383	76	3	0.849410970830975	
MV_Schw	A	4384	14	0		1
MV_Schw	A	4385	10	1	0.822598489333375	
MV_Schw	T	4386	17	1	0.983041048229953	
MV_Schw	T	4387	120	2		1
MV_Schw	C	4388	91	2		1
MV_Schw	C	4389	101	1	0.944879389258477	
MV_Schw	G	4390	120	3		1

MV_Schw	C	4391	186	7	0.44055837109039
MV_Schw	A	4392	43	1	1
MV_Schw	T	4393	54	1	1
MV_Schw	T	4394	8	0	1
MV_Schw	T	4395	12	0	1
MV_Schw	A	4396	31	1	1
MV_Schw	C	4397	180	1	0.355193190288496
MV_Schw	G	4398	122	2	1
MV_Schw	A	4399	12	0	1
MV_Schw	C	4400	260	5	1
MV_Schw	G	4401	39	0	1
MV_Schw	A	4402	19	0	1
MV_Schw	C	4403	200	2	0.822598489333375
MV_Schw	G	4404	76	1	1
MV_Schw	T	4405	29	2	0.389821719583598
MV_Schw	G	4406	16	0	1
MV_Schw	A	4407	47	1	1
MV_Schw	T	4408	31	0	1
MV_Schw	C	4409	68	1	1
MV_Schw	A	4410	21	0	1
MV_Schw	T	4411	21	1	1
MV_Schw	A	4412	17	0	1
MV_Schw	A	4413	33	0	1
MV_Schw	A	4414	50	1	1
MV_Schw	T	4415	128	1	1
MV_Schw	G	4416	54	0	0.950262622850522
MV_Schw	A	4417	8	0	1
MV_Schw	T	4418	58	1	1
MV_Schw	G	4419	35	0	1
MV_Schw	A	4420	6	0	1
MV_Schw	C	4421	83	1	1
MV_Schw	C	4422	45	0	1
MV_Schw	A	4423	31	1	1
MV_Schw	A	4424	16	2	0.157362228007976
MV_Schw	G	4425	345	6	1
MV_Schw	G	4426	116	5	0.479133435065576

MV_Schw	A	4427	12	1	0.88950624150852
MV_Schw	C	4428	27	1	0.752394317790241
MV_Schw	NA	4429	0	0	NA
MV_Schw	A	4430	68	1	1
MV_Schw	T	4431	56	2	0.968890372475178
MV_Schw	T	4432	81	1	1
MV_Schw	C	4433	298	4	0.950262622850522
MV_Schw	A	4434	37	1	0.88950624150852
MV_Schw	A	4435	60	0	0.957721317456694
MV_Schw	A	4436	23	1	0.658415249679101
MV_Schw	G	4437	192	2	0.822598489333375
MV_Schw	T	4438	4	0	1
MV_Schw	T	4439	17	1	0.983041048229953
MV_Schw	C	4440	39	0	1
MV_Schw	T	4441	41	2	0.599534349993353
MV_Schw	G	4442	128	4	0.840295409296105
MV_Schw	T	4443	19	1	0.57780206681461
MV_Schw	A	4444	16	0	1
MV_Schw	G	4445	54	0	0.950262622850522
MV_Schw	A	4446	8	0	1
MV_Schw	C	4447	54	1	1
MV_Schw	C	4448	41	1	1
MV_Schw	G	4449	66	1	1
MV_Schw	T	4450	17	0	1
MV_Schw	A	4451	4	0	1
MV_Schw	G	4452	120	1	0.789229943133706
MV_Schw	T	4453	21	0	1
MV_Schw	G	4454	27	0	1
MV_Schw	C	4455	72	3	0.42458526175556
MV_Schw	C	4456	78	2	1
MV_Schw	C	4457	845	20	1
MV_Schw	A	4458	68	1	1
MV_Schw	G	4459	238	5	1
MV_Schw	C	4460	215	5	1
MV_Schw	A	4461	16	1	0.483965165529824
MV_Schw	A	4462	74	1	1

MV_Schw	T	4463	25	0		1
MV_Schw	G	4464	76	1		1
MV_Schw	C	4465	78	2		1
MV_Schw	C	4466	459	10		1
MV_Schw	C	4467	337	5		1
MV_Schw	G	4468	291	3	0.746970975838775	
MV_Schw	A	4469	97	0	0.503192867159235	
MV_Schw	A	4470	126	5	0.536502598785117	
MV_Schw	A	4471	52	1		1
MV_Schw	A	4472	70	2		1
MV_Schw	C	4473	234	11	0.0265373688297422	
MV_Schw	G	4474	93	5	0.230316890082773	
MV_Schw	A	4475	62	1		1
MV_Schw	C	4476	583	17	0.436962346550212	
MV_Schw	C	4477	33	1		1
MV_Schw	C	4478	6	1	0.704667204683568	
MV_Schw	C	4479	27	3	0.0351423582402498	
MV_Schw	C	4480	35	3	0.222002676269896	
MV_Schw	C	4481	362	12	0.353023575911474	
MV_Schw	T	4482	97	3		1
MV_Schw	C	4483	66	6	0.00731721341976711	
MV_Schw	A	4484	21	1	0.632968068765344	
MV_Schw	C	4485	103	7	0.0290526919708477	
MV_Schw	A	4486	10	1	0.822598489333375	
MV_Schw	A	4487	45	2	0.65158773158174	
MV_Schw	T	4488	54	5	0.00939140138445221	
MV_Schw	G	4489	176	7	0.394619167044631	
MV_Schw	A	4490	4	0		1
MV_Schw	C	4491	149	5	0.599534349993353	
MV_Schw	A	4492	45	1		1
MV_Schw	G	4493	136	8	0.0240427960452029	
MV_Schw	C	4494	105	5	0.414034029869785	
MV_Schw	C	4495	217	7	0.770363429662708	
MV_Schw	A	4496	21	3	0.0171246304850916	
MV_Schw	G	4497	153	4		1
MV_Schw	A	4498	29	1	0.789229943133706	

MV_Schw	A	4499	4	0	1
MV_Schw	G	4500	120	3	0.97940134364504
MV_Schw	G	4501	110	7	0.0429535742816985
MV_Schw	C	4502	368	22	8.72397257365655e-06
MV_Schw	C	4503	207	7	0.628989544511172
MV_Schw	C	4504	149	7	0.215757612560076
MV_Schw	G	4505	337	14	0.0457003930742528
MV_Schw	G	4506	174	7	0.211393512474581
MV_Schw	A	4507	29	1	1
MV_Schw	C	4508	442	34	3.86654414792986e-12
MV_Schw	A	4509	401	23	7.06564226558477e-06
MV_Schw	A	4510	151	11	0.00108411989851647
MV_Schw	A	4511	89	5	0.201986157592846
MV_Schw	A	4512	107	5	0.181053376647436
MV_Schw	A	4513	89	1	1
MV_Schw	A	4514	45	1	1
MV_Schw	G	4515	302	7	1
MV_Schw	C	4516	64	1	1
MV_Schw	C	4517	56	1	1
MV_Schw	C	4518	10	1	0.307480793677112
MV_Schw	C	4519	29	1	1
MV_Schw	C	4520	130	5	0.68615038702224
MV_Schw	T	4521	6	0	1
MV_Schw	C	4522	279	9	0.632263705599953
MV_Schw	C	4523	258	7	0.804012574266476
MV_Schw	G	4524	709	31	0.000231936890228797
MV_Schw	A	4525	339	11	0.500313401850085
MV_Schw	A	4526	56	5	0.0364706341145788
MV_Schw	A	4527	47	1	1
MV_Schw	G	4528	33	1	1
MV_Schw	A	4529	31	0	1
MV_Schw	C	4530	64	5	0.0208977336518193
MV_Schw	T	4531	17	0	1
MV_Schw	C	4532	250	9	0.451379323214012
MV_Schw	C	4533	554	11	1
MV_Schw	A	4534	83	0	0.645428736569362

MV_Schw	C	4535	101	3	0.789229943133706	
MV_Schw	G	4536	33	1		1
MV_Schw	G	4537	99	2		1
MV_Schw	A	4538	8	1	0.789229943133706	
MV_Schw	C	4539	31	0		1
MV_Schw	C	4540	81	1		1
MV_Schw	A	4541	16	1	0.950262622850522	
MV_Schw	A	4542	21	0		1
MV_Schw	G	4543	134	3		1
MV_Schw	C	4544	382	6		1
MV_Schw	G	4545	58	3	0.281632101641278	
MV_Schw	A	4546	12	0		1
MV_Schw	G	4547	93	3		1
MV_Schw	A	4548	37	1		1
MV_Schw	G	4549	58	1		1
MV_Schw	G	4550	99	3		1
MV_Schw	C	4551	31	1		1
MV_Schw	C	4552	149	0	0.164331455962041	
MV_Schw	A	4553	31	1		1
MV_Schw	G	4554	198	9	0.0654422828729673	
MV_Schw	C	4555	47	3	0.366637777073510	
MV_Schw	C	4556	233	3	0.88950624150852	
MV_Schw	A	4557	21	2	0.258627633593378	
MV_Schw	G	4558	45	0		1
MV_Schw	C	4559	83	3	0.678058690427187	
MV_Schw	A	4560	14	1	0.944879389258477	
MV_Schw	G	4561	112	2		1
MV_Schw	C	4562	390	7		1
MV_Schw	C	4563	291	2	0.300896921812852	
MV_Schw	G	4564	81	4	0.305908359426921	
MV_Schw	A	4565	31	0		1
MV_Schw	C	4566	405	13	0.41505475936109	
MV_Schw	G	4567	29	0		1
MV_Schw	G	4568	234	3		1
MV_Schw	C	4569	93	1		1
MV_Schw	A	4570	12	0		1

MV_Schw	A	4571	83	3	0.897349285586955
MV_Schw	G	4572	105	3	0.950262622850522
MV_Schw	C	4573	304	9	0.789229943133706
MV_Schw	G	4574	225	3	1
MV_Schw	C	4575	240	5	1
MV_Schw	G	4576	229	9	0.307480793677112
MV_Schw	A	4577	70	4	0.206412498777864
MV_Schw	A	4578	60	3	0.550155392537109
MV_Schw	C	4579	130	5	0.68615038702224
MV_Schw	A	4580	6	1	0.704667204683568
MV_Schw	C	4581	16	2	0.157362228007976
MV_Schw	C	4582	50	3	0.199842243730937
MV_Schw	A	4583	27	1	0.752394317790241
MV_Schw	G	4584	254	7	0.794204819559428
MV_Schw	G	4585	52	5	0.0276232541140027
MV_Schw	C	4586	182	9	0.0826899854963631
MV_Schw	G	4587	50	2	0.746970975838775
MV_Schw	G	4588	17	3	0.0469760201915419
MV_Schw	C	4589	225	13	0.00126260970613789
MV_Schw	C	4590	91	5	0.0982183359341293
MV_Schw	C	4591	242	15	0.000463530719184034
MV_Schw	C	4592	85	7	0.00993851370517883
MV_Schw	A	4593	37	1	0.88950624150852
MV_Schw	G	4594	103	5	0.404041148508532
MV_Schw	C	4595	291	26	5.02511390509286e-11
MV_Schw	A	4596	31	3	0.0518737301478137
MV_Schw	C	4597	107	9	0.00144931425702894
MV_Schw	A	4598	16	2	0.157362228007976
MV_Schw	G	4599	138	13	2.76754695458636e-06
MV_Schw	A	4600	66	3	0.354972433257953
MV_Schw	A	4601	14	3	0.0263539968766402
MV_Schw	C	4602	266	23	3.25536730395424e-09
MV_Schw	A	4603	16	1	0.950262622850522
MV_Schw	G	4604	62	5	0.0540493900876719
MV_Schw	C	4605	136	9	0.0095448845390227
MV_Schw	C	4606	136	9	0.0095448845390227

MV_Schw	C	4607	351	17	0.00279883500623642
MV_Schw	T	4608	66	3	0.633417216184605
MV_Schw	G	4609	202	9	0.0722143977647632
MV_Schw	A	4610	6	1	0.704667204683568
MV_Schw	C	4611	353	15	0.0224165417673775
MV_Schw	A	4612	41	2	0.599534349993353
MV_Schw	C	4613	37	3	0.245202640825390
MV_Schw	A	4614	45	1	1
MV_Schw	A	4615	16	1	0.950262622850522
MV_Schw	G	4616	316	15	0.00772452151572766
MV_Schw	G	4617	76	5	0.116125222018745
MV_Schw	C	4618	341	22	1.9580920041726e-06
MV_Schw	C	4619	97	6	0.053691133210959
MV_Schw	A	4620	66	6	0.00731721341976711
MV_Schw	C	4621	581	39	1.82351727156919e-11
MV_Schw	C	4622	83	4	0.311085536765447
MV_Schw	A	4623	99	6	0.0595788695726893
MV_Schw	C	4624	145	11	0.000736926840199571
MV_Schw	C	4625	76	4	0.256701313538806
MV_Schw	A	4626	171	7	0.378079694480341
MV_Schw	G	4627	455	23	0.000226008853973656
MV_Schw	C	4628	43	1	0.950262622850522
MV_Schw	C	4629	99	1	1
MV_Schw	A	4630	8	1	0.258627633593378
MV_Schw	C	4631	581	15	0.797337167576434
MV_Schw	C	4632	128	6	0.245197580731582
MV_Schw	C	4633	182	4	1
MV_Schw	C	4634	83	3	0.897349285586955
MV_Schw	A	4635	56	2	0.968890372475178
MV_Schw	A	4636	50	2	0.746970975838775
MV_Schw	T	4637	264	5	1
MV_Schw	C	4638	229	5	1
MV_Schw	T	4639	74	2	1
MV_Schw	G	4640	101	3	1
MV_Schw	C	4641	171	5	1
MV_Schw	A	4642	209	5	1

MV_Schw	T	4643	25	1		1
MV_Schw	C	4644	14	1	0.426789350155389	
MV_Schw	C	4645	27	1	0.752394317790241	
MV_Schw	T	4646	10	0		1
MV_Schw	C	4647	31	0		1
MV_Schw	C	4648	314	9	0.667074763107836	
MV_Schw	T	4649	2	0		1
MV_Schw	C	4650	35	0		1
MV_Schw	G	4651	134	3		1
MV_Schw	T	4652	33	1	0.822598489333375	
MV_Schw	G	4653	78	1		1
MV_Schw	G	4654	54	0	0.950262622850522	
MV_Schw	G	4655	35	3	0.222002676269896	
MV_Schw	A	4656	2	0		1
MV_Schw	C	4657	14	0		1
MV_Schw	C	4658	14	0		1
MV_Schw	C	4659	12	0		1
MV_Schw	C	4660	120	4	0.813457243243208	
MV_Schw	C	4661	120	1		1
MV_Schw	G	4662	174	5		1
MV_Schw	A	4663	17	0		1
MV_Schw	G	4664	233	9	0.307480793677112	
MV_Schw	G	4665	19	0		1
MV_Schw	A	4666	2	0		1
MV_Schw	C	4667	72	3	0.822598489333375	
MV_Schw	C	4668	39	1		1
MV_Schw	A	4669	83	3	0.678058690427187	
MV_Schw	A	4670	10	1	0.822598489333375	
MV_Schw	C	4671	134	7	0.111492774142499	
MV_Schw	C	4672	79	2		1
MV_Schw	C	4673	41	1	0.945767847051808	
MV_Schw	C	4674	50	1		1
MV_Schw	C	4675	79	2		1
MV_Schw	A	4676	107	3	0.950262622850522	
MV_Schw	A	4677	76	3	0.849410970830975	
MV_Schw	G	4678	316	14	0.0232259801156287	

MV_Schw	G	4679	23	1		1
MV_Schw	C	4680	56	3	0.258627633593378	
MV_Schw	T	4681	8	0		1
MV_Schw	G	4682	285	9	0.638894311640422	
MV_Schw	C	4683	500	14	0.67373476456738	
MV_Schw	C	4684	434	15	0.237817203872315	
MV_Schw	C	4685	225	10	0.0975104748468945	
MV_Schw	C	4686	184	7	0.433235736187116	
MV_Schw	C	4687	39	1	0.9314909603024	
MV_Schw	G	4688	269	9	0.384498975392725	
MV_Schw	A	4689	250	15	0.000264791698893959	
MV_Schw	T	4690	256	13	0.0131040780293563	
MV_Schw	C	4691	23	2	0.296710762771661	
MV_Schw	C	4692	155	5	0.628561029435961	
MV_Schw	A	4693	52	7	0.000436446431384331	
MV_Schw	A	4694	25	1	0.704667204683568	
MV_Schw	A	4695	601	36	3.00156077191385e-09	
MV_Schw	C	4696	178	9	0.0285457257256843	
MV_Schw	C	4697	120	3	0.97940134364504	
MV_Schw	A	4698	10	1	0.822598489333375	
MV_Schw	C	4699	134	5	0.704667204683568	
MV_Schw	C	4700	130	5	0.68615038702224	
MV_Schw	A	4701	43	1	0.950262622850522	
MV_Schw	A	4702	41	1	0.945767847051808	
MV_Schw	C	4703	234	13	0.00202421584354928	
MV_Schw	C	4704	217	8	0.380027812845055	
MV_Schw	G	4705	163	8	0.0975104748468945	
MV_Schw	C	4706	114	8	0.00761599661714649	
MV_Schw	A	4707	167	5	0.789229943133706	
MV_Schw	T	4708	37	1	0.88950624150852	
MV_Schw	C	4709	39	1		1
MV_Schw	C	4710	56	5	0.0364706341145788	
MV_Schw	C	4711	81	4	0.305908359426921	
MV_Schw	C	4712	101	3		1
MV_Schw	A	4713	128	9	0.00612561056885518	
MV_Schw	C	4714	93	3	0.747390316041078	

MV_Schw	C	4715	60	2	0.983041048229953
MV_Schw	A	4716	2	0	1
MV_Schw	C	4717	10	0	1
MV_Schw	C	4718	10	0	1
MV_Schw	C	4719	17	1	0.983041048229953
MV_Schw	C	4720	87	2	1
MV_Schw	C	4721	60	1	1
MV_Schw	G	4722	130	7	0.0437447203304695
MV_Schw	G	4723	89	8	0.00121559637070655
MV_Schw	G	4724	50	2	0.746970975838775
MV_Schw	A	4725	52	2	0.78354985902497
MV_Schw	A	4726	35	1	1
MV_Schw	A	4727	16	0	1
MV_Schw	G	4728	192	3	1
MV_Schw	A	4729	4	1	0.619556855087002
MV_Schw	A	4730	12	0	1
MV_Schw	A	4731	6	1	0.704667204683568
MV_Schw	C	4732	194	10	0.0346618020274977
MV_Schw	C	4733	14	1	0.944879389258477
MV_Schw	C	4734	31	1	1
MV_Schw	C	4735	29	1	0.789229943133706
MV_Schw	C	4736	130	5	0.68615038702224
MV_Schw	A	4737	47	1	1
MV_Schw	G	4738	58	5	0.0132175001443654
MV_Schw	C	4739	35	1	0.863499923807603
MV_Schw	A	4740	6	0	1
MV_Schw	A	4741	37	5	0.00602944986032567
MV_Schw	T	4742	66	4	0.172896230358341
MV_Schw	T	4743	60	3	0.550155392537109
MV_Schw	G	4744	107	2	1
MV_Schw	G	4745	43	1	0.950262622850522
MV_Schw	A	4746	52	2	0.78354985902497
MV_Schw	A	4747	50	1	1
MV_Schw	G	4748	83	2	1
MV_Schw	G	4749	19	2	0.224063006917908
MV_Schw	C	4750	99	6	0.0595788695726893

MV_Schw	C	4751	124	5	0.52558001665221
MV_Schw	C	4752	395	23	1.33569958929803e-05
MV_Schw	C	4753	267	11	0.0736918053828108
MV_Schw	T	4754	91	3	1
MV_Schw	C	4755	110	5	0.44055837109039
MV_Schw	C	4756	169	6	0.513653266133726
MV_Schw	C	4757	122	5	0.337352366102426
MV_Schw	C	4758	58	3	0.281632101641278
MV_Schw	C	4759	295	7	1
MV_Schw	T	4760	35	1	1
MV_Schw	C	4761	120	2	1
MV_Schw	T	4762	12	0	1
MV_Schw	T	4763	14	0	1
MV_Schw	C	4764	149	3	1
MV_Schw	C	4765	194	5	1
MV_Schw	T	4766	41	1	1
MV_Schw	C	4767	109	1	0.947544583923452
MV_Schw	A	4768	10	1	0.822598489333375
MV_Schw	A	4769	14	0	1
MV_Schw	C	4770	118	3	1
MV_Schw	A	4771	10	0	1
MV_Schw	C	4772	285	1	0.143982237788904
MV_Schw	A	4773	25	1	1
MV_Schw	A	4774	0	0	1
MV_Schw	G	4775	203	7	0.611250359612674
MV_Schw	A	4776	6	0	1
MV_Schw	A	4777	25	0	1
MV_Schw	C	4778	64	2	1
MV_Schw	T	4779	21	0	1
MV_Schw	C	4780	651	5	0.0461984428789535
MV_Schw	C	4781	159	4	1
MV_Schw	A	4782	56	5	0.0111350404952786
MV_Schw	C	4783	89	3	0.944879389258477
MV_Schw	A	4784	50	1	1
MV_Schw	A	4785	48	1	1
MV_Schw	C	4786	469	5	0.307480793677112

MV_Schw	C	4787	112	2		1
MV_Schw	G	4788	200	11	0.0135938542850198	
MV_Schw	A	4789	33	1		1
MV_Schw	A	4790	105	7	0.0119771148622735	
MV_Schw	C	4791	141	9	0.00489944314148526	
MV_Schw	C	4792	95	1		1
MV_Schw	G	4793	446	1	0.00386997644741331	
MV_Schw	C	4794	93	3	0.747390316041078	
MV_Schw	A	4795	83	7	0.00259570773751748	
MV_Schw	C	4796	41	1		1
MV_Schw	A	4797	130	1	0.658415249679101	
MV_Schw	A	4798	56	0	0.950262622850522	
MV_Schw	G	4799	79	0	0.639207655977387	
MV_Schw	C	4800	143	1	0.88950624150852	
MV_Schw	G	4801	64	2		1
MV_Schw	A	4802	50	0	0.950262622850522	
MV_Schw	C	4803	374	9		1
MV_Schw	C	4804	79	3	0.882548734849042	
MV_Schw	G	4805	43	0		1
MV_Schw	A	4806	76	3	0.467924584055268	
MV_Schw	G	4807	109	1		1
MV_Schw	G	4808	134	7	0.0510580112645721	
MV_Schw	T	4809	16	0		1
MV_Schw	G	4810	56	1		1
MV_Schw	A	4811	6	1	0.704667204683568	
MV_Schw	C	4812	324	12	0.174729318961785	
MV_Schw	C	4813	141	3		1
MV_Schw	C	4814	285	5		1
MV_Schw	A	4815	50	1		1
MV_Schw	A	4816	33	1		1
MV_Schw	C	4817	293	7		1
MV_Schw	C	4818	703	8	0.268084322703061	
MV_Schw	G	4819	79	2		1
MV_Schw	C	4820	630	6	0.131169001298059	
MV_Schw	A	4821	126	2		1
MV_Schw	G	4822	157	5	0.920592678174758	

MV_Schw	G	4823	37	1		1
MV_Schw	C	4824	78	2		1
MV_Schw	A	4825	70	1		1
MV_Schw	T	4826	54	1		1
MV_Schw	C	4827	198	1	0.54661929710701	
MV_Schw	C	4828	380	2	0.0518737301478137	
MV_Schw	G	4829	362	7		1
MV_Schw	A	4830	35	0		1
MV_Schw	C	4831	533	12		1
MV_Schw	T	4832	17	1	0.983041048229953	
MV_Schw	C	4833	64	1		1
MV_Schw	C	4834	167	1	0.788293646497135	
MV_Schw	C	4835	74	3	0.831755077907185	
MV_Schw	T	4836	101	1	0.944879389258477	
MV_Schw	A	4837	99	1		1
MV_Schw	G	4838	525	8	0.944879389258477	
MV_Schw	A	4839	31	1		1
MV_Schw	C	4840	217	1	0.355607115956135	
MV_Schw	A	4841	62	1		1
MV_Schw	G	4842	56	1		1
MV_Schw	A	4843	140	3		1
MV_Schw	T	4844	37	1		1
MV_Schw	C	4845	568	9		1
MV_Schw	C	4846	141	4		1
MV_Schw	T	4847	41	0		1
MV_Schw	C	4848	308	5		1
MV_Schw	T	4849	287	6		1
MV_Schw	C	4850	155	2		1
MV_Schw	T	4851	29	1		1
MV_Schw	C	4852	64	3	0.609091736782917	
MV_Schw	C	4853	120	3	0.97940134364504	
MV_Schw	C	4854	126	3		1
MV_Schw	C	4855	434	9		1
MV_Schw	G	4856	878	14	0.795198078226602	
MV_Schw	G	4857	198	1	0.54661929710701	
MV_Schw	C	4858	29	3	0.0435098404838992	

MV_Schw	A	4859	39	0		1
MV_Schw	A	4860	23	1		1
MV_Schw	A	4861	39	1		1
MV_Schw	C	4862	23	0		1
MV_Schw	T	4863	2	0		1
MV_Schw	A	4864	4	0		1
MV_Schw	A	4865	16	0		1
MV_Schw	A	4866	83	3	0.678058690427187	
MV_Schw	C	4867	461	7		1
MV_Schw	A	4868	68	0	0.789229943133706	
MV_Schw	A	4869	25	0		1
MV_Schw	A	4870	17	1	0.983041048229953	
MV_Schw	A	4871	6	0		1
MV_Schw	C	4872	308	4	0.863499923807603	
MV_Schw	T	4873	8	0		1
MV_Schw	T	4874	2	0		1
MV_Schw	A	4875	6	0		1
MV_Schw	G	4876	58	1		1
MV_Schw	G	4877	52	0	0.950262622850522	
MV_Schw	G	4878	19	0		1
MV_Schw	C	4879	4	0		1
MV_Schw	C	4880	37	0		1
MV_Schw	A	4881	66	1		1
MV_Schw	A	4882	58	0	0.953489044526869	
MV_Schw	G	4883	1155	9	0.00142759685902233	
MV_Schw	G	4884	112	1	0.789229943133706	
MV_Schw	A	4885	25	0		1
MV_Schw	A	4886	14	1	0.944879389258477	
MV_Schw	C	4887	331	3	0.560243889454362	
MV_Schw	A	4888	52	1		1
MV_Schw	T	4889	196	12	0.00187387758437221	
MV_Schw	A	4890	45	1		1
MV_Schw	C	4891	190	7	0.314611398059001	
MV_Schw	A	4892	14	1	0.426789350155389	
MV_Schw	C	4893	138	3		1
MV_Schw	A	4894	180	3		1

MV_Schw	C	4895	50	3	0.199842243730937
MV_Schw	C	4896	60	1	1
MV_Schw	C	4897	70	3	0.819327818667335
MV_Schw	A	4898	233	2	0.635597763648708
MV_Schw	A	4899	74	3	0.831755077907185
MV_Schw	C	4900	316	6	1
MV_Schw	A	4901	52	2	0.78354985902497
MV_Schw	G	4902	29	1	1
MV_Schw	A	4903	10	0	1
MV_Schw	A	4904	12	0	1
MV_Schw	C	4905	388	11	0.656608479151341
MV_Schw	C	4906	83	1	1
MV_Schw	C	4907	248	4	1
MV_Schw	A	4908	10	0	1
MV_Schw	G	4909	304	5	1
MV_Schw	A	4910	76	1	1
MV_Schw	C	4911	101	4	0.576193745443697
MV_Schw	C	4912	33	2	0.463720798159947
MV_Schw	C	4913	35	3	0.222002676269896
MV_Schw	C	4914	85	5	0.17325046551955
MV_Schw	G	4915	116	1	0.789229943133706
MV_Schw	G	4916	357	8	1
MV_Schw	C	4917	116	3	0.957721317456694
MV_Schw	C	4918	47	0	1
MV_Schw	C	4919	85	5	0.074997775457354
MV_Schw	A	4920	10	0	1
MV_Schw	C	4921	165	13	9.30164319200951e-05
MV_Schw	G	4922	54	2	0.789229943133706
MV_Schw	G	4923	29	1	0.789229943133706
MV_Schw	C	4924	140	6	0.294236275018498
MV_Schw	G	4925	39	1	1
MV_Schw	C	4926	141	5	0.742170203109886
MV_Schw	C	4927	171	11	0.00340359280054689
MV_Schw	G	4928	310	3	0.646034462647135
MV_Schw	C	4929	184	7	0.307432508150825
MV_Schw	G	4930	192	6	0.713780715109928

MV_Schw	C	4931	74	0	0.795198078226602
MV_Schw	C	4932	97	4	0.550155392537109
MV_Schw	C	4933	83	3	0.678058690427187
MV_Schw	C	4934	62	1	1
MV_Schw	C	4935	171	5	1
MV_Schw	A	4936	21	0	1
MV_Schw	A	4937	8	0	1
MV_Schw	C	4938	138	1	0.673422966374487
MV_Schw	C	4939	23	0	1
MV_Schw	C	4940	19	0	1
MV_Schw	C	4941	143	2	1
MV_Schw	C	4942	320	11	0.300532688028531
MV_Schw	G	4943	190	6	0.704667204683568
MV_Schw	A	4944	47	1	1
MV_Schw	C	4945	110	2	1
MV_Schw	A	4946	8	0	1
MV_Schw	A	4947	6	1	0.704667204683568
MV_Schw	C	4948	31	1	0.791667533131283
MV_Schw	C	4949	35	1	0.863499923807603
MV_Schw	A	4950	23	0	1
MV_Schw	G	4951	48	0	0.950262622850522
MV_Schw	A	4952	27	0	1
MV_Schw	G	4953	29	2	0.389821719583598
MV_Schw	G	4954	79	5	0.136235544776219
MV_Schw	G	4955	25	1	0.704667204683568
MV_Schw	A	4956	4	0	1
MV_Schw	G	4957	27	0	1
MV_Schw	C	4958	97	1	1
MV_Schw	C	4959	99	1	1
MV_Schw	C	4960	89	1	1
MV_Schw	C	4961	33	0	1
MV_Schw	C	4962	124	2	1
MV_Schw	A	4963	89	1	1
MV_Schw	A	4964	43	1	0.950262622850522
MV_Schw	C	4965	219	9	0.219241362997286
MV_Schw	C	4966	74	1	1

MV_Schw	A	4967	14	0		1
MV_Schw	A	4968	25	2	0.314611398059001	
MV_Schw	T	4969	19	1		1
MV_Schw	C	4970	54	1		1
MV_Schw	C	4971	196	6	0.824452550323657	
MV_Schw	C	4972	132	3		1
MV_Schw	G	4973	277	6		1
MV_Schw	C	4974	469	11		1
MV_Schw	C	4975	186	1	0.655978174231774	
MV_Schw	G	4976	110	6	0.0982183359341293	
MV_Schw	G	4977	14	1	0.944879389258477	
MV_Schw	C	4978	37	1	0.88950624150852	
MV_Schw	T	4979	8	0		1
MV_Schw	C	4980	16	1	0.483965165529824	
MV_Schw	C	4981	23	1	0.658415249679101	
MV_Schw	C	4982	23	3	0.0909615969432528	
MV_Schw	C	4983	114	1		1
MV_Schw	C	4984	37	2	0.528591092326266	
MV_Schw	G	4985	31	3	0.172254498719137	
MV_Schw	G	4986	48	3	0.390345857720356	
MV_Schw	T	4987	6	1	0.704667204683568	
MV_Schw	G	4988	10	0		1
MV_Schw	C	4989	27	0		1
MV_Schw	C	4990	37	0		1
MV_Schw	C	4991	19	2	0.224063006917908	
MV_Schw	A	4992	29	2	0.389821719583598	
MV_Schw	C	4993	66	4	0.172896230358341	
MV_Schw	A	4994	12	0		1
MV_Schw	G	4995	41	3	0.297586725038221	
MV_Schw	G	4996	41	4	0.0352099055398472	
MV_Schw	C	4997	39	1		1
MV_Schw	A	4998	23	1		1
MV_Schw	G	4999	122	5	0.508699586088801	
MV_Schw	G	5000	45	3	0.340185031164498	
MV_Schw	G	5001	17	0		1
MV_Schw	A	5002	10	0		1

MV_Schw	C	5003	124	5	0.52558001665221
MV_Schw	A	5004	21	2	0.258627633593378
MV_Schw	C	5005	47	3	0.161503851613234
MV_Schw	C	5006	225	14	0.000482133731330682
MV_Schw	A	5007	29	1	0.789229943133706
MV_Schw	A	5008	47	1	1
MV_Schw	C	5009	258	13	0.0138375166734294
MV_Schw	C	5010	203	7	0.611250359612674
MV_Schw	C	5011	244	11	0.0345805569340756
MV_Schw	C	5012	68	1	1
MV_Schw	C	5013	126	3	1
MV_Schw	G	5014	419	27	1.38993693318977e-07
MV_Schw	A	5015	159	11	0.00175689918262991
MV_Schw	A	5016	112	7	0.0469203899661715
MV_Schw	C	5017	172	8	0.118807949693111
MV_Schw	A	5018	21	2	0.258627633593378
MV_Schw	G	5019	39	1	0.9314909603024
MV_Schw	A	5020	6	0	1
MV_Schw	C	5021	178	11	0.00510376459215064
MV_Schw	C	5022	128	9	0.00612561056885518
MV_Schw	C	5023	167	4	1
MV_Schw	A	5024	138	5	0.717634251494108
MV_Schw	G	5025	64	1	1
MV_Schw	C	5026	281	9	0.509396577320122
MV_Schw	A	5027	37	1	0.88950624150852
MV_Schw	C	5028	81	4	0.305908359426921
MV_Schw	C	5029	17	1	0.983041048229953
MV_Schw	C	5030	297	13	0.0643413556372622
MV_Schw	A	5031	31	1	1
MV_Schw	A	5032	10	1	0.822598489333375
MV_Schw	C	5033	192	10	0.0337118011001659
MV_Schw	C	5034	14	1	0.944879389258477
MV_Schw	A	5035	25	0	1
MV_Schw	T	5036	10	0	1
MV_Schw	C	5037	314	6	1
MV_Schw	G	5038	161	9	0.0315879311157858

MV_Schw	A	5039	17	1	0.983041048229953
MV_Schw	C	5040	163	11	0.00220335228624776
MV_Schw	A	5041	6	1	0.704667204683568
MV_Schw	A	5042	4	0	1
MV_Schw	T	5043	12	0	1
MV_Schw	C	5044	10	1	0.822598489333375
MV_Schw	C	5045	41	2	0.599534349993353
MV_Schw	A	5046	8	1	0.789229943133706
MV_Schw	A	5047	19	1	1
MV_Schw	G	5048	293	11	0.260373447578035
MV_Schw	A	5049	2	1	0.491835918445353
MV_Schw	C	5050	37	5	0.00602944986032567
MV_Schw	G	5051	12	2	0.0975104748468945
MV_Schw	G	5052	37	1	1
MV_Schw	G	5053	78	0	0.638894311640422
MV_Schw	G	5054	17	1	0.983041048229953
MV_Schw	G	5055	25	1	1
MV_Schw	G	5056	25	0	1
MV_Schw	G	5057	37	0	1
MV_Schw	C	5058	25	1	0.704667204683568
MV_Schw	C	5059	25	1	1
MV_Schw	C	5060	14	0	1
MV_Schw	C	5061	23	2	0.296710762771661
MV_Schw	C	5062	41	1	0.945767847051808
MV_Schw	C	5063	12	0	1
MV_Schw	C	5064	72	3	0.822598489333375
MV_Schw	A	5065	43	1	0.950262622850522
MV_Schw	A	5066	72	2	1
MV_Schw	A	5067	33	2	0.463720798159947
MV_Schw	A	5068	14	0	1
MV_Schw	A	5069	16	0	1
MV_Schw	A	5070	27	0	1
MV_Schw	A	5071	2	0	1
MV_Schw	G	5072	29	0	1
MV_Schw	G	5073	2	0	1
MV_Schw	C	5074	8	0	1

MV_Schw	C	5075	6	0	1
MV_Schw	C	5076	23	0	1
MV_Schw	C	5077	19	0	1
MV_Schw	C	5078	66	1	1
MV_Schw	A	5079	4	0	1
MV_Schw	G	5080	25	0	1
MV_Schw	G	5081	19	1	0.57780206681461
MV_Schw	G	5082	31	2	0.428411386231373
MV_Schw	G	5083	43	2	0.632968068765344
MV_Schw	C	5084	260	5	1
MV_Schw	C	5085	118	5	0.491835918445353
MV_Schw	G	5086	39	1	0.9314909603024
MV_Schw	A	5087	19	1	0.57780206681461
MV_Schw	C	5088	79	5	0.136235544776219
MV_Schw	A	5089	6	0	1
MV_Schw	G	5090	97	4	0.550155392537109
MV_Schw	C	5091	37	2	0.528591092326266
MV_Schw	C	5092	16	1	0.483965165529824
MV_Schw	A	5093	48	1	1
MV_Schw	G	5094	21	0	1
MV_Schw	C	5095	25	1	0.704667204683568
MV_Schw	A	5096	14	1	0.944879389258477
MV_Schw	C	5097	120	2	1
MV_Schw	C	5098	167	3	1
MV_Schw	G	5099	103	1	0.944879389258477
MV_Schw	C	5100	147	3	1
MV_Schw	G	5101	138	1	0.673422966374487
MV_Schw	A	5102	70	1	1
MV_Schw	G	5103	62	1	1
MV_Schw	G	5104	105	3	1
MV_Schw	A	5105	12	0	1
MV_Schw	A	5106	112	3	0.950262622850522
MV_Schw	G	5107	79	2	1
MV_Schw	C	5108	196	7	0.57780206681461
MV_Schw	C	5109	122	3	0.983041048229953
MV_Schw	C	5110	217	6	0.969676682971856

MV_Schw	A	5111	101	4	0.576193745443697	
MV_Schw	C	5112	188	7	0.307480793677112	
MV_Schw	C	5113	186	2	0.948552432136014	
MV_Schw	C	5114	91	5	0.217911555108928	
MV_Schw	A	5115	47	1		1
MV_Schw	C	5116	56	3	0.258627633593378	
MV_Schw	C	5117	159	3		1
MV_Schw	C	5118	295	6		1
MV_Schw	C	5119	211	3	0.957721317456694	
MV_Schw	A	5120	10	0		1
MV_Schw	C	5121	293	7		1
MV_Schw	A	5122	31	2	0.428411386231373	
MV_Schw	C	5123	285	7		1
MV_Schw	A	5124	23	1		1
MV_Schw	C	5125	93	3		1
MV_Schw	G	5126	62	1		1
MV_Schw	A	5127	16	0		1
MV_Schw	C	5128	242	5		1
MV_Schw	C	5129	78	2		1
MV_Schw	A	5130	76	1		1
MV_Schw	C	5131	657	9	0.701952036287806	
MV_Schw	G	5132	97	2		1
MV_Schw	G	5133	56	1		1
MV_Schw	C	5134	54	0	0.950262622850522	
MV_Schw	A	5135	48	1		1
MV_Schw	A	5136	37	1	0.88950624150852	
MV_Schw	C	5137	136	6	0.275653222293987	
MV_Schw	C	5138	64	1		1
MV_Schw	A	5139	17	1	0.983041048229953	
MV_Schw	A	5140	8	1	0.789229943133706	
MV_Schw	A	5141	29	0		1
MV_Schw	C	5142	461	11		1
MV_Schw	C	5143	107	3		1
MV_Schw	A	5144	41	2	0.599534349993353	
MV_Schw	G	5145	54	3	0.480219983992261	
MV_Schw	A	5146	33	1		1

MV_Schw	A	5147	33	1		1
MV_Schw	C	5148	126	6	0.239137755983385	
MV_Schw	C	5149	50	1		1
MV_Schw	C	5150	79	3	0.658415249679101	
MV_Schw	A	5151	52	1		1
MV_Schw	G	5152	211	10	0.0498702425274631	
MV_Schw	A	5153	31	1		1
MV_Schw	C	5154	140	3		1
MV_Schw	C	5155	17	1	0.983041048229953	
MV_Schw	A	5156	0	0		1
MV_Schw	C	5157	64	2		1
MV_Schw	C	5158	14	0		1
MV_Schw	C	5159	85	2		1
MV_Schw	T	5160	29	0		1
MV_Schw	G	5161	43	0		1
MV_Schw	G	5162	122	2		1
MV_Schw	G	5163	118	2		1
MV_Schw	C	5164	62	1		1
MV_Schw	C	5165	48	1		1
MV_Schw	A	5166	19	0		1
MV_Schw	C	5167	79	1		1
MV_Schw	C	5168	58	0	0.953489044526869	
MV_Schw	A	5169	39	1	0.9314909603024	
MV_Schw	G	5170	37	0		1
MV_Schw	C	5171	64	1		1
MV_Schw	T	5172	33	0		1
MV_Schw	C	5173	157	1	0.88950624150852	
MV_Schw	C	5174	490	4	0.119365022975779	
MV_Schw	C	5175	153	5	0.619556855087002	
MV_Schw	A	5176	35	1		1
MV_Schw	G	5177	190	3		1
MV_Schw	A	5178	10	1	0.822598489333375	
MV_Schw	C	5179	234	6		1
MV_Schw	T	5180	19	1		1
MV_Schw	C	5181	180	0	0.090192830807046	
MV_Schw	G	5182	182	3		1

MV_Schw	G	5183	140	2		1
MV_Schw	C	5184	547	7	0.702570843947246	
MV_Schw	C	5185	145	0	0.161503851613234	
MV_Schw	A	5186	21	1		1
MV_Schw	T	5187	16	1	0.950262622850522	
MV_Schw	C	5188	17	1	0.983041048229953	
MV_Schw	A	5189	109	1	0.947544583923452	
MV_Schw	C	5190	79	3	0.882548734849042	
MV_Schw	C	5191	19	1	0.57780206681461	
MV_Schw	C	5192	58	1		1
MV_Schw	C	5193	54	1		1
MV_Schw	G	5194	118	2		1
MV_Schw	C	5195	130	3		1
MV_Schw	A	5196	56	0	0.950262622850522	
MV_Schw	G	5197	72	2		1
MV_Schw	A	5198	21	0		1
MV_Schw	A	5199	17	0		1
MV_Schw	A	5200	19	1	0.57780206681461	
MV_Schw	G	5201	452	8		1
MV_Schw	G	5202	76	0	0.638894311640422	
MV_Schw	A	5203	124	3		1
MV_Schw	A	5204	83	1		1
MV_Schw	A	5205	33	1	0.822598489333375	
MV_Schw	G	5206	56	1		1
MV_Schw	G	5207	118	3		1
MV_Schw	C	5208	411	12	0.60313822504384	
MV_Schw	C	5209	205	7	0.619556855087002	
MV_Schw	A	5210	35	1	0.863499923807603	
MV_Schw	C	5211	163	7	0.275653222293987	
MV_Schw	A	5212	66	3	0.633417216184605	
MV_Schw	A	5213	6	1	0.704667204683568	
MV_Schw	C	5214	138	8	0.0263854082581312	
MV_Schw	C	5215	112	3		1
MV_Schw	C	5216	252	8	0.580283780096167	
MV_Schw	G	5217	254	8	0.590783453867014	
MV_Schw	C	5218	436	11	0.88950624150852	

MV_Schw	G	5219	300	10	0.44055837109039
MV_Schw	C	5220	39	0	1
MV_Schw	A	5221	33	1	1
MV_Schw	C	5222	17	0	1
MV_Schw	C	5223	16	0	1
MV_Schw	C	5224	136	5	0.707150586447893
MV_Schw	C	5225	10	0	1
MV_Schw	A	5226	14	0	1
MV_Schw	G	5227	99	3	1
MV_Schw	C	5228	95	2	1
MV_Schw	C	5229	120	3	1
MV_Schw	C	5230	48	0	0.950262622850522
MV_Schw	C	5231	19	0	1
MV_Schw	G	5232	47	4	0.0561491488986917
MV_Schw	A	5233	25	2	0.314611398059001
MV_Schw	T	5234	19	1	1
MV_Schw	C	5235	79	1	1
MV_Schw	C	5236	180	6	0.670827466361185
MV_Schw	G	5237	39	0	1
MV_Schw	G	5238	48	3	0.390345857720356
MV_Schw	C	5239	481	7	0.957721317456694
MV_Schw	G	5240	72	1	1
MV_Schw	G	5241	83	3	0.678058690427187
MV_Schw	G	5242	14	0	1
MV_Schw	G	5243	79	2	1
MV_Schw	A	5244	12	2	0.0975104748468945
MV_Schw	G	5245	78	1	1
MV_Schw	C	5246	16	1	0.950262622850522
MV_Schw	C	5247	68	1	1
MV_Schw	A	5248	85	1	1
MV_Schw	C	5249	267	4	1
MV_Schw	C	5250	124	3	1
MV_Schw	C	5251	37	1	1
MV_Schw	A	5252	35	1	0.863499923807603
MV_Schw	A	5253	39	1	1
MV_Schw	C	5254	430	8	1

MV_Schw	C	5255	122	4	0.822598489333375
MV_Schw	C	5256	380	5	0.741962752056172
MV_Schw	G	5257	132	2	1
MV_Schw	A	5258	50	1	1
MV_Schw	A	5259	126	3	1
MV_Schw	C	5260	473	15	0.403357831658547
MV_Schw	C	5261	240	6	1
MV_Schw	A	5262	23	1	1
MV_Schw	G	5263	39	1	1
MV_Schw	C	5264	159	5	0.639207655977387
MV_Schw	A	5265	31	1	0.791667533131283
MV_Schw	C	5266	27	0	1
MV_Schw	C	5267	194	7	0.573345528574631
MV_Schw	C	5268	37	0	1
MV_Schw	A	5269	47	2	0.678058690427187
MV_Schw	A	5270	21	1	1
MV_Schw	G	5271	578	16	0.655560787067853
MV_Schw	A	5272	14	1	0.944879389258477
MV_Schw	G	5273	188	9	0.0529105666346528
MV_Schw	C	5274	221	6	0.979210967390135
MV_Schw	G	5275	56	1	1
MV_Schw	A	5276	39	0	1
MV_Schw	T	5277	37	1	0.88950624150852
MV_Schw	C	5278	171	3	1
MV_Schw	C	5279	47	1	1
MV_Schw	C	5280	68	2	1
MV_Schw	C	5281	194	5	0.950262622850522
MV_Schw	G	5282	347	11	0.419231414474137
MV_Schw	A	5283	47	1	1
MV_Schw	A	5284	89	5	0.201986157592846
MV_Schw	G	5285	95	5	0.244569722692791
MV_Schw	G	5286	21	1	1
MV_Schw	A	5287	0	0	1
MV_Schw	C	5288	33	1	1
MV_Schw	C	5289	140	7	0.0646746182830778
MV_Schw	C	5290	107	5	0.181053376647436

MV_Schw	C	5291	254	17	1.53981691668859e-05
MV_Schw	C	5292	405	27	2.20143231679584e-08
MV_Schw	G	5293	300	16	0.00159263226487359
MV_Schw	A	5294	33	3	0.197209929577240
MV_Schw	A	5295	70	2	1
MV_Schw	C	5296	428	35	1.27531117220815e-13
MV_Schw	C	5297	171	6	0.52558001665221
MV_Schw	G	5298	107	5	0.181053376647436
MV_Schw	C	5299	56	5	0.0111350404952786
MV_Schw	A	5300	132	10	0.00089267821530273
MV_Schw	A	5301	56	3	0.499662168427985
MV_Schw	A	5302	138	7	0.0603533834492057
MV_Schw	G	5303	238	11	0.0742595711479845
MV_Schw	G	5304	37	1	0.88950624150852
MV_Schw	NA	5305	0	0	NA
MV_Schw	C	5306	266	9	0.497615650989996
MV_Schw	A	5307	70	7	0.000736926840199571
MV_Schw	T	5308	103	4	0.588995992242088
MV_Schw	C	5309	161	5	0.646149988917053
MV_Schw	A	5310	21	0	1
MV_Schw	G	5311	322	12	0.171286508240332
MV_Schw	T	5312	19	1	0.57780206681461
MV_Schw	A	5313	126	5	0.35554222034638
MV_Schw	T	5314	8	0	1
MV_Schw	C	5315	45	1	1
MV_Schw	C	5316	58	3	0.528591092326266
MV_Schw	C	5317	380	14	0.134114285746905
MV_Schw	A	5318	21	1	1
MV_Schw	C	5319	178	5	0.804012574266476
MV_Schw	A	5320	109	0	0.381672248067152
MV_Schw	G	5321	105	2	1
MV_Schw	C	5322	33	0	1
MV_Schw	C	5323	21	0	1
MV_Schw	T	5324	23	0	1
MV_Schw	C	5325	149	1	0.88950624150852
MV_Schw	T	5326	95	1	1

MV_Schw	C	5327	97	1	0.944879389258477
MV_Schw	C	5328	196	3	1
MV_Schw	A	5329	114	1	1
MV_Schw	A	5330	45	0	1
MV_Schw	G	5331	471	11	1
MV_Schw	T	5332	12	0	1
MV_Schw	C	5333	116	4	0.795434284511944
MV_Schw	C	5334	262	2	0.44055837109039
MV_Schw	C	5335	267	6	1
MV_Schw	C	5336	388	8	1
MV_Schw	C	5337	87	1	1
MV_Schw	G	5338	134	5	0.704667204683568
MV_Schw	G	5339	95	1	1
MV_Schw	T	5340	6	0	1
MV_Schw	C	5341	47	3	0.366637777073510
MV_Schw	T	5342	8	0	1
MV_Schw	C	5343	10	0	1
MV_Schw	C	5344	48	0	0.950262622850522
MV_Schw	T	5345	19	1	0.57780206681461
MV_Schw	C	5346	16	0	1
MV_Schw	C	5347	87	1	1
MV_Schw	T	5348	10	0	1
MV_Schw	C	5349	31	1	0.791667533131283
MV_Schw	T	5350	2	0	1
MV_Schw	T	5351	12	1	0.366832525336205
MV_Schw	C	5352	141	1	0.989441011726102
MV_Schw	T	5353	2	0	1
MV_Schw	C	5354	29	1	1
MV_Schw	G	5355	68	1	1
MV_Schw	A	5356	8	0	1
MV_Schw	A	5357	19	0	1
MV_Schw	G	5358	25	0	1
MV_Schw	G	5359	8	1	0.789229943133706
MV_Schw	G	5360	12	1	0.88950624150852
MV_Schw	A	5361	2	0	1
MV_Schw	C	5362	33	1	0.822598489333375

MV_Schw	C	5363	64	2		1
MV_Schw	A	5364	66	0	0.789229943133706	
MV_Schw	A	5365	48	1		1
MV_Schw	A	5366	25	0		1
MV_Schw	A	5367	229	7	0.88950624150852	
MV_Schw	G	5368	461	11		1
MV_Schw	A	5369	10	0		1
MV_Schw	T	5370	76	1		1
MV_Schw	C	5371	174	8	0.121832950892168	
MV_Schw	A	5372	48	2	0.709032941865358	
MV_Schw	A	5373	105	2		1
MV_Schw	T	5374	68	1		1
MV_Schw	C	5375	221	4		1
MV_Schw	C	5376	74	2		1
MV_Schw	A	5377	29	1		1
MV_Schw	C	5378	477	15	0.409756495839402	
MV_Schw	C	5379	364	13	0.164331455962041	
MV_Schw	A	5380	0	0		1
MV_Schw	C	5381	176	1	0.34703042205032	
MV_Schw	A	5382	0	0		1
MV_Schw	C	5383	79	1		1
MV_Schw	C	5384	74	1		1
MV_Schw	C	5385	595	4	0.0221470025606877	
MV_Schw	G	5386	436	19	0.0107100288915592	
MV_Schw	A	5387	202	3		1
MV_Schw	C	5388	1068	36	0.0128931107387079	
MV_Schw	G	5389	99	7	0.0233447269367489	
MV_Schw	A	5390	4	1	0.136107188572645	
MV_Schw	C	5391	293	10	0.342651296301386	
MV_Schw	A	5392	16	1	0.950262622850522	
MV_Schw	C	5393	169	5	0.945767847051808	
MV_Schw	T	5394	8	1	0.258627633593378	
MV_Schw	C	5395	134	7	0.111492774142499	
MV_Schw	A	5396	141	8	0.0316424857945862	
MV_Schw	A	5397	16	1	0.483965165529824	
MV_Schw	C	5398	564	45	2.51309636025964e-16	

MV_Schw	T	5399	41	1	1
MV_Schw	C	5400	70	3	0.819327818667335
MV_Schw	C	5401	149	7	0.215757612560076
MV_Schw	C	5402	143	8	0.0340037011728573
MV_Schw	C	5403	514	34	4.52205867819729e-10
MV_Schw	A	5404	35	3	0.0735418108684054
MV_Schw	C	5405	62	3	0.57780206681461
MV_Schw	C	5406	14	1	0.944879389258477
MV_Schw	C	5407	29	1	1
MV_Schw	C	5408	48	6	0.00123822823581129
MV_Schw	T	5409	6	1	0.704667204683568
MV_Schw	A	5410	17	0	1
MV_Schw	A	5411	4	1	0.619556855087002
MV_Schw	A	5412	43	2	0.632968068765344
MV_Schw	G	5413	62	3	0.57780206681461
MV_Schw	G	5414	60	0	0.957721317456694
MV_Schw	A	5415	4	0	1
MV_Schw	G	5416	62	5	0.0540493900876719
MV_Schw	A	5417	10	0	1
MV_Schw	C	5418	83	5	0.161503851613234
MV_Schw	A	5419	16	1	0.483965165529824
MV_Schw	C	5420	89	5	0.201986157592846
MV_Schw	C	5421	457	32	3.28978126611001e-10
MV_Schw	G	5422	85	5	0.074997775457354
MV_Schw	G	5423	382	13	0.307480793677112
MV_Schw	G	5424	91	5	0.217911555108928
MV_Schw	A	5425	54	1	1
MV_Schw	A	5426	10	0	1
MV_Schw	T	5427	10	0	1
MV_Schw	C	5428	126	3	1
MV_Schw	C	5429	475	15	0.406275863895757
MV_Schw	C	5430	207	5	1
MV_Schw	A	5431	48	1	1
MV_Schw	G	5432	308	7	1
MV_Schw	A	5433	21	1	0.632968068765344
MV_Schw	A	5434	31	2	0.428411386231373

MV_Schw	T	5435	74	4	0.237817203872315
MV_Schw	C	5436	95	1	1
MV_Schw	A	5437	43	1	1
MV_Schw	A	5438	12	0	1
MV_Schw	G	5439	362	9	0.983694697749173
MV_Schw	A	5440	25	2	0.314611398059001
MV_Schw	C	5441	141	1	0.542247232322076
MV_Schw	T	5442	2	0	1
MV_Schw	C	5443	4	1	0.136107188572645
MV_Schw	A	5444	132	2	1
MV_Schw	T	5445	10	0	1
MV_Schw	C	5446	132	0	0.222002676269896
MV_Schw	C	5447	41	1	0.945767847051808
MV_Schw	A	5448	16	0	1
MV_Schw	A	5449	2	0	1
MV_Schw	T	5450	43	1	1
MV_Schw	G	5451	66	0	0.789229943133706
MV_Schw	T	5452	4	0	1
MV_Schw	C	5453	21	1	1
MV_Schw	C	5454	45	1	1
MV_Schw	A	5455	128	0	0.307480793677112
MV_Schw	T	5456	12	0	1
MV_Schw	C	5457	41	0	1
MV_Schw	A	5458	21	0	1
MV_Schw	T	5459	140	4	1
MV_Schw	G	5460	25	1	1
MV_Schw	G	5461	31	1	0.791667533131283
MV_Schw	G	5462	35	1	0.863499923807603
MV_Schw	T	5463	4	0	1
MV_Schw	C	5464	141	2	1
MV_Schw	T	5465	10	1	0.307480793677112
MV_Schw	C	5466	39	3	0.273798916014578
MV_Schw	A	5467	16	1	0.483965165529824
MV_Schw	A	5468	68	1	1
MV_Schw	G	5469	85	1	1
MV_Schw	G	5470	76	1	1

MV_Schw	T	5471	39	1	0.9314909603024	
MV_Schw	G	5472	56	1		1
MV_Schw	A	5473	23	0		1
MV_Schw	A	5474	29	1	0.789229943133706	
MV_Schw	C	5475	58	3	0.281632101641278	
MV_Schw	G	5476	78	2		1
MV_Schw	T	5477	2	0		1
MV_Schw	C	5478	78	1		1
MV_Schw	T	5479	8	0		1
MV_Schw	C	5480	155	1	0.436311974989592	
MV_Schw	T	5481	4	0		1
MV_Schw	G	5482	182	4		1
MV_Schw	C	5483	19	0		1
MV_Schw	C	5484	29	0		1
MV_Schw	A	5485	23	0		1
MV_Schw	T	5486	27	1		1
MV_Schw	A	5487	12	0		1
MV_Schw	T	5488	0	0		1
MV_Schw	T	5489	6	0		1
MV_Schw	C	5490	21	0		1
MV_Schw	A	5491	31	1		1
MV_Schw	T	5492	41	2	0.599534349993353	
MV_Schw	G	5493	151	3		1
MV_Schw	G	5494	21	0		1
MV_Schw	C	5495	85	1		1
MV_Schw	A	5496	6	0		1
MV_Schw	G	5497	138	3		1
MV_Schw	T	5498	21	0		1
MV_Schw	A	5499	6	0		1
MV_Schw	C	5500	64	1		1
MV_Schw	T	5501	35	1		1
MV_Schw	G	5502	192	4		1
MV_Schw	T	5503	17	1	0.983041048229953	
MV_Schw	T	5504	145	2		1
MV_Schw	A	5505	70	0	0.789229943133706	
MV_Schw	A	5506	8	0		1

MV_Schw	C	5507	304	6		1
MV_Schw	T	5508	54	3	0.480219983992261	
MV_Schw	C	5509	112	2		1
MV_Schw	T	5510	83	1		1
MV_Schw	C	5511	89	2		1
MV_Schw	C	5512	417	9		1
MV_Schw	A	5513	207	7	0.482213389565027	
MV_Schw	A	5514	60	2	0.983041048229953	
MV_Schw	A	5515	27	1		1
MV_Schw	C	5516	209	11	0.0088862711289435	
MV_Schw	A	5517	33	1		1
MV_Schw	C	5518	21	1		1
MV_Schw	C	5519	76	1		1
MV_Schw	C	5520	64	1		1
MV_Schw	A	5521	25	1		1
MV_Schw	C	5522	43	3	0.12801336938299	
MV_Schw	C	5523	60	3	0.550155392537109	
MV_Schw	G	5524	27	3	0.128277619623459	
MV_Schw	G	5525	391	7		1
MV_Schw	T	5526	0	0		1
MV_Schw	C	5527	134	4	0.8790631473823	
MV_Schw	A	5528	116	5	0.308443216377307	
MV_Schw	A	5529	47	2	0.678058690427187	
MV_Schw	A	5530	58	4	0.118907467124559	
MV_Schw	T	5531	122	3	0.983041048229953	
MV_Schw	C	5532	27	1		1
MV_Schw	C	5533	50	1		1
MV_Schw	A	5534	50	1		1
MV_Schw	T	5535	105	6	0.0773768769787529	
MV_Schw	T	5536	41	2	0.599534349993353	
MV_Schw	G	5537	16	2	0.157362228007976	
MV_Schw	G	5538	205	3		1
MV_Schw	G	5539	99	1	0.944879389258477	
MV_Schw	G	5540	192	6	0.713780715109928	
MV_Schw	C	5541	47	1		1
MV_Schw	A	5542	39	1	0.9314909603024	

MV_Schw	A	5543	27	1		1
MV_Schw	T	5544	23	1		1
MV_Schw	C	5545	76	3	0.467924584055268	
MV_Schw	T	5546	4	0		1
MV_Schw	C	5547	89	1		1
MV_Schw	T	5548	17	0		1
MV_Schw	C	5549	234	5		1
MV_Schw	T	5550	12	1	0.88950624150852	
MV_Schw	A	5551	16	0		1
MV_Schw	A	5552	4	0		1
MV_Schw	G	5553	89	6	0.0358765704418588	
MV_Schw	A	5554	6	1	0.704667204683568	
MV_Schw	T	5555	21	0		1
MV_Schw	A	5556	8	0		1
MV_Schw	G	5557	29	1		1
MV_Schw	G	5558	21	0		1
MV_Schw	G	5559	16	0		1
MV_Schw	G	5560	47	1		1
MV_Schw	T	5561	2	0		1
MV_Schw	G	5562	12	2	0.0975104748468945	
MV_Schw	G	5563	47	1		1
MV_Schw	T	5564	85	2		1
MV_Schw	A	5565	25	1		1
MV_Schw	G	5566	99	5	0.136107188572645	
MV_Schw	G	5567	60	1		1
MV_Schw	A	5568	31	0		1
MV_Schw	A	5569	33	3	0.197209929577240	
MV_Schw	T	5570	37	3	0.245202640825390	
MV_Schw	A	5571	68	5	0.0767999036069378	
MV_Schw	G	5572	419	29	2.07082306158832e-09	
MV_Schw	G	5573	97	4	0.550155392537109	
MV_Schw	A	5574	19	1		1
MV_Schw	A	5575	21	0		1
MV_Schw	G	5576	343	28	9.27002844493634e-11	
MV_Schw	T	5577	12	1	0.88950624150852	
MV_Schw	G	5578	638	43	1.04984016277249e-12	

MV_Schw	C	5579	260	10	0.211230433289291
MV_Schw	A	5580	140	4	1
MV_Schw	A	5581	17	0	1
MV_Schw	G	5582	107	3	1
MV_Schw	C	5583	134	8	0.0221448235477836
MV_Schw	T	5584	47	1	1
MV_Schw	A	5585	6	1	0.704667204683568
MV_Schw	C	5586	184	7	0.307432508150825
MV_Schw	A	5587	52	1	1
MV_Schw	A	5588	10	0	1
MV_Schw	A	5589	29	1	1
MV_Schw	G	5590	122	3	0.983041048229953
MV_Schw	T	5591	6	0	1
MV_Schw	T	5592	39	1	1
MV_Schw	A	5593	85	0	0.648224297390367
MV_Schw	T	5594	48	1	1
MV_Schw	G	5595	45	1	1
MV_Schw	A	5596	31	0	1
MV_Schw	C	5597	172	3	1
MV_Schw	T	5598	16	0	1
MV_Schw	C	5599	8	0	1
MV_Schw	G	5600	99	2	1
MV_Schw	T	5601	50	1	1
MV_Schw	T	5602	58	0	0.953489044526869
MV_Schw	C	5603	89	2	1
MV_Schw	C	5604	103	3	1
MV_Schw	A	5605	23	0	1
MV_Schw	G	5606	114	1	0.789229943133706
MV_Schw	C	5607	79	1	1
MV_Schw	C	5608	16	0	1
MV_Schw	A	5609	14	0	1
MV_Schw	T	5610	4	0	1
MV_Schw	C	5611	62	0	0.789229943133706
MV_Schw	A	5612	16	0	1
MV_Schw	A	5613	14	1	0.944879389258477
MV_Schw	T	5614	12	0	1

MV_Schw	C	5615	48	0	0.950262622850522	
MV_Schw	A	5616	29	1		1
MV_Schw	T	5617	17	0		1
MV_Schw	T	5618	19	0		1
MV_Schw	A	5619	47	1		1
MV_Schw	G	5620	16	0		1
MV_Schw	T	5621	0	0		1
MV_Schw	C	5622	37	1		1
MV_Schw	A	5623	54	1		1
MV_Schw	T	5624	17	0		1
MV_Schw	A	5625	50	0	0.950262622850522	
MV_Schw	A	5626	25	0		1
MV_Schw	A	5627	101	3	0.789229943133706	
MV_Schw	A	5628	12	0		1
MV_Schw	T	5629	110	3		1
MV_Schw	T	5630	33	0		1
MV_Schw	A	5631	10	1	0.822598489333375	
MV_Schw	A	5632	10	0		1
MV_Schw	T	5633	16	0		1
MV_Schw	G	5634	178	3		1
MV_Schw	C	5635	23	1		1
MV_Schw	C	5636	25	0		1
MV_Schw	C	5637	27	1		1
MV_Schw	A	5638	143	3		1
MV_Schw	A	5639	43	0		1
MV_Schw	T	5640	109	1	0.947544583923452	
MV_Schw	A	5641	6	0		1
MV_Schw	T	5642	23	1	0.658415249679101	
MV_Schw	A	5643	0	0		1
MV_Schw	A	5644	8	0		1
MV_Schw	C	5645	287	7		1
MV_Schw	T	5646	4	0		1
MV_Schw	C	5647	87	2		1
MV_Schw	T	5648	0	0		1
MV_Schw	C	5649	17	1	0.983041048229953	
MV_Schw	C	5650	58	1		1

MV_Schw	T	5651	16	0		1
MV_Schw	C	5652	66	1		1
MV_Schw	A	5653	25	1		1
MV_Schw	A	5654	4	0		1
MV_Schw	T	5655	48	0	0.950262622850522	
MV_Schw	A	5656	8	0		1
MV_Schw	A	5657	4	0		1
MV_Schw	C	5658	54	1		1
MV_Schw	T	5659	16	1	0.950262622850522	
MV_Schw	G	5660	203	9	0.176665674313972	
MV_Schw	C	5661	93	1		1
MV_Schw	A	5662	68	5	0.0767999036069378	
MV_Schw	C	5663	727	25	0.0375736381440234	
MV_Schw	G	5664	17	3	0.0469760201915419	
MV_Schw	A	5665	8	0		1
MV_Schw	G	5666	56	4	0.106459164393546	
MV_Schw	G	5667	41	3	0.297586725038221	
MV_Schw	G	5668	45	5	0.0140368018204807	
MV_Schw	T	5669	60	1		1
MV_Schw	A	5670	14	1	0.426789350155389	
MV_Schw	G	5671	66	5	0.0239036682558459	
MV_Schw	A	5672	29	4	0.0103781019227812	
MV_Schw	G	5673	64	7	0.000394673874468293	
MV_Schw	A	5674	33	1		1
MV_Schw	T	5675	29	1		1
MV_Schw	T	5676	45	0		1
MV_Schw	G	5677	672	17	0.944879389258477	
MV_Schw	C	5678	149	9	0.00751263592807874	
MV_Schw	A	5679	45	4	0.0485139564708208	
MV_Schw	G	5680	198	20	1.23794099047534e-09	
MV_Schw	A	5681	12	1	0.88950624150852	
MV_Schw	A	5682	25	1		1
MV_Schw	T	5683	33	2	0.463720798159947	
MV_Schw	A	5684	2	1	0.491835918445353	
MV_Schw	C	5685	264	14	0.00441188852262541	
MV_Schw	A	5686	12	1	0.88950624150852	

MV_Schw	G	5687	200	7	0.595588876895851
MV_Schw	G	5688	93	7	0.00551710625234576
MV_Schw	A	5689	39	2	0.560243889454362
MV_Schw	G	5690	114	9	0.002551082569142
MV_Schw	NA	5691	0	0	NA
MV_Schw	C	5692	41	0	1
MV_Schw	T	5693	14	1	0.944879389258477
MV_Schw	A	5694	25	1	1
MV_Schw	C	5695	440	13	0.456705758236653
MV_Schw	T	5696	87	1	1
MV_Schw	G	5697	122	3	0.983041048229953
MV_Schw	A	5698	10	0	1
MV_Schw	G	5699	215	7	0.499662168427985
MV_Schw	A	5700	66	3	0.354972433257953
MV_Schw	A	5701	17	1	0.528591092326266
MV_Schw	C	5702	207	5	1
MV_Schw	A	5703	8	1	0.789229943133706
MV_Schw	G	5704	198	8	0.245767024627649
MV_Schw	T	5705	21	0	1
MV_Schw	T	5706	141	5	0.742170203109886
MV_Schw	T	5707	47	1	1
MV_Schw	T	5708	25	0	1
MV_Schw	G	5709	184	4	1
MV_Schw	G	5710	48	1	1
MV_Schw	A	5711	23	1	0.658415249679101
MV_Schw	A	5712	25	0	1
MV_Schw	C	5713	10	0	1
MV_Schw	C	5714	14	0	1
MV_Schw	A	5715	16	0	1
MV_Schw	A	5716	48	1	1
MV_Schw	T	5717	47	1	1
MV_Schw	T	5718	114	1	1
MV_Schw	A	5719	12	0	1
MV_Schw	G	5720	35	1	0.863499923807603
MV_Schw	A	5721	12	0	1
MV_Schw	G	5722	188	5	1

MV_Schw	A	5723	17	0		1
MV_Schw	T	5724	50	0	0.950262622850522	
MV_Schw	G	5725	50	1		1
MV_Schw	C	5726	19	0		1
MV_Schw	A	5727	209	1	0.444605338381727	
MV_Schw	C	5728	122	5	0.508699586088801	
MV_Schw	T	5729	52	1		1
MV_Schw	T	5730	10	0		1
MV_Schw	A	5731	45	1		1
MV_Schw	A	5732	41	2	0.599534349993353	
MV_Schw	T	5733	70	1		1
MV_Schw	G	5734	81	1		1
MV_Schw	C	5735	285	1	0.0364439659893172	
MV_Schw	A	5736	25	0		1
MV_Schw	A	5737	56	0	0.950262622850522	
MV_Schw	T	5738	91	1		1
MV_Schw	G	5739	10	0		1
MV_Schw	A	5740	4	0		1
MV_Schw	C	5741	52	2	0.78354985902497	
MV_Schw	C	5742	372	5	0.737900226779511	
MV_Schw	C	5743	97	1	0.944879389258477	
MV_Schw	A	5744	72	3	0.42458526175556	
MV_Schw	G	5745	236	5		1
MV_Schw	A	5746	21	0		1
MV_Schw	A	5747	45	2	0.65158773158174	
MV_Schw	T	5748	37	1	0.88950624150852	
MV_Schw	A	5749	31	0		1
MV_Schw	T	5750	8	0		1
MV_Schw	A	5751	52	2	0.78354985902497	
MV_Schw	A	5752	21	1		1
MV_Schw	G	5753	297	5		1
MV_Schw	A	5754	39	1	0.9314909603024	
MV_Schw	C	5755	628	17	0.789229943133706	
MV_Schw	C	5756	29	0		1
MV_Schw	G	5757	58	3	0.528591092326266	
MV_Schw	G	5758	184	8	0.151070769951824	

MV_Schw	T	5759	97	6	0.053691133210959
MV_Schw	T	5760	145	4	1
MV_Schw	C	5761	48	1	1
MV_Schw	A	5762	21	1	0.632968068765344
MV_Schw	G	5763	50	0	0.950262622850522
MV_Schw	A	5764	54	1	1
MV_Schw	G	5765	79	1	1
MV_Schw	T	5766	225	7	0.789229943133706
MV_Schw	G	5767	215	8	0.378350778944693
MV_Schw	T	5768	6	0	1
MV_Schw	A	5769	10	1	0.307480793677112
MV_Schw	G	5770	134	7	0.111492774142499
MV_Schw	C	5771	172	5	0.789229943133706
MV_Schw	T	5772	48	2	0.709032941865358
MV_Schw	T	5773	10	1	0.822598489333375
MV_Schw	C	5774	85	1	1
MV_Schw	A	5775	58	3	0.528591092326266
MV_Schw	A	5776	23	1	1
MV_Schw	G	5777	316	13	0.0521570591704954
MV_Schw	T	5778	19	1	0.57780206681461
MV_Schw	A	5779	25	1	0.704667204683568
MV_Schw	G	5780	52	1	1
MV_Schw	G	5781	180	3	1
MV_Schw	A	5782	41	2	0.599534349993353
MV_Schw	G	5783	97	4	0.550155392537109
MV_Schw	A	5784	17	0	1
MV_Schw	C	5785	33	3	0.197209929577240
MV_Schw	A	5786	12	0	1
MV_Schw	C	5787	62	3	0.57780206681461
MV_Schw	A	5788	147	5	0.77901773725233
MV_Schw	A	5789	23	0	1
MV_Schw	G	5790	223	6	0.981946864240757
MV_Schw	A	5791	2	0	1
MV_Schw	G	5792	107	3	0.950262622850522
MV_Schw	A	5793	89	2	1
MV_Schw	T	5794	45	0	1

MV_Schw	T	5795	27	1		1
MV_Schw	T	5796	151	7	0.222002676269896	
MV_Schw	G	5797	353	12	0.285257240518862	
MV_Schw	C	5798	345	18	0.000732549083108954	
MV_Schw	G	5799	723	25	0.0502201555170974	
MV_Schw	G	5800	110	3	0.950262622850522	
MV_Schw	G	5801	147	6	0.314611398059001	
MV_Schw	A	5802	19	1		1
MV_Schw	G	5803	122	5	0.337352366102426	
MV_Schw	T	5804	12	0		1
MV_Schw	A	5805	25	0		1
MV_Schw	G	5806	372	13	0.297936084972	
MV_Schw	T	5807	10	0		1
MV_Schw	C	5808	101	3	0.789229943133706	
MV_Schw	C	5809	657	21	0.215824715214299	
MV_Schw	T	5810	95	3	0.764161655608143	
MV_Schw	G	5811	386	12	0.477087111156645	
MV_Schw	G	5812	308	6		1
MV_Schw	C	5813	359	9		1
MV_Schw	A	5814	43	2	0.632968068765344	
MV_Schw	G	5815	21	1		1
MV_Schw	G	5816	207	2	0.734151152837751	
MV_Schw	T	5817	180	7	0.298485329352986	
MV_Schw	G	5818	126	5	0.536502598785117	
MV_Schw	C	5819	295	5		1
MV_Schw	G	5820	238	5		1
MV_Schw	G	5821	79	1		1
MV_Schw	C	5822	351	8		1
MV_Schw	C	5823	52	1		1
MV_Schw	C	5824	91	1		1
MV_Schw	T	5825	29	1		1
MV_Schw	A	5826	68	1		1
MV_Schw	G	5827	97	2		1
MV_Schw	G	5828	89	1		1
MV_Schw	C	5829	157	4		1
MV_Schw	G	5830	120	3	0.97940134364504	

MV_Schw	T	5831	2	0		1
MV_Schw	T	5832	35	1	0.863499923807603	
MV_Schw	G	5833	140	2		1
MV_Schw	C	5834	116	0	0.296710762771661	
MV_Schw	C	5835	114	5	0.463720798159947	
MV_Schw	A	5836	19	1		1
MV_Schw	C	5837	97	3		1
MV_Schw	A	5838	16	1	0.483965165529824	
MV_Schw	G	5839	33	1		1
MV_Schw	C	5840	64	0	0.789229943133706	
MV_Schw	T	5841	27	2	0.355295708921217	
MV_Schw	G	5842	39	0		1
MV_Schw	C	5843	140	5	0.7318017534422	
MV_Schw	T	5844	37	1		1
MV_Schw	C	5845	68	1		1
MV_Schw	A	5846	50	0	0.950262622850522	
MV_Schw	G	5847	70	0	0.789229943133706	
MV_Schw	A	5848	10	0		1
MV_Schw	T	5849	76	1		1
MV_Schw	A	5850	21	1		1
MV_Schw	A	5851	2	1	0.491835918445353	
MV_Schw	C	5852	35	1		1
MV_Schw	A	5853	47	1		1
MV_Schw	G	5854	130	1	0.983041048229953	
MV_Schw	C	5855	231	6	0.987114400552037	
MV_Schw	C	5856	271	6		1
MV_Schw	G	5857	116	3		1
MV_Schw	G	5858	136	5	0.707150586447893	
MV_Schw	C	5859	349	7		1
MV_Schw	A	5860	39	1		1
MV_Schw	T	5861	87	1		1
MV_Schw	T	5862	43	0		1
MV_Schw	G	5863	31	1	0.791667533131283	
MV_Schw	C	5864	229	2	0.632968068765344	
MV_Schw	A	5865	6	0		1
MV_Schw	C	5866	419	9		1

MV_Schw	T	5867	29	1		1
MV_Schw	T	5868	23	0		1
MV_Schw	C	5869	242	2	0.528372703117072	
MV_Schw	A	5870	8	0		1
MV_Schw	C	5871	589	9	0.950262622850522	
MV_Schw	C	5872	29	0		1
MV_Schw	A	5873	48	1		1
MV_Schw	G	5874	78	2		1
MV_Schw	T	5875	14	1	0.944879389258477	
MV_Schw	C	5876	27	0		1
MV_Schw	C	5877	126	1		1
MV_Schw	A	5878	12	0		1
MV_Schw	T	5879	39	1		1
MV_Schw	G	5880	126	3		1
MV_Schw	C	5881	105	1	0.944944073306986	
MV_Schw	T	5882	31	1		1
MV_Schw	G	5883	31	0		1
MV_Schw	A	5884	87	1		1
MV_Schw	A	5885	39	2	0.560243889454362	
MV_Schw	C	5886	188	1	0.280292653941906	
MV_Schw	T	5887	41	1	0.945767847051808	
MV_Schw	C	5888	56	1		1
MV_Schw	T	5889	19	1	0.57780206681461	
MV_Schw	C	5890	213	5		1
MV_Schw	A	5891	446	7		1
MV_Schw	A	5892	128	3		1
MV_Schw	G	5893	244	11	0.0345805569340756	
MV_Schw	C	5894	37	3	0.245202640825390	
MV_Schw	C	5895	35	0		1
MV_Schw	A	5896	29	1		1
MV_Schw	T	5897	14	1	0.944879389258477	
MV_Schw	C	5898	484	9		1
MV_Schw	G	5899	74	5	0.039710340356837	
MV_Schw	A	5900	23	1		1
MV_Schw	C	5901	182	16	8.3887785807198e-07	
MV_Schw	A	5902	66	7	0.00197580991987479	

MV_Schw	A	5903	31	3	0.172254498719137
MV_Schw	T	5904	14	0	1
MV_Schw	C	5905	109	3	1
MV_Schw	T	5906	17	1	0.983041048229953
MV_Schw	G	5907	21	1	1
MV_Schw	A	5908	35	2	0.497615650989996
MV_Schw	G	5909	438	23	4.34286438503701e-05
MV_Schw	A	5910	14	0	1
MV_Schw	G	5911	60	5	0.0155102898705156
MV_Schw	C	5912	112	1	0.789229943133706
MV_Schw	G	5913	70	2	1
MV_Schw	A	5914	52	6	0.00193894007320716
MV_Schw	G	5915	248	9	0.266590291066413
MV_Schw	C	5916	74	2	1
MV_Schw	C	5917	240	5	1
MV_Schw	T	5918	52	0	0.950262622850522
MV_Schw	G	5919	110	3	0.950262622850522
MV_Schw	G	5920	149	1	0.88950624150852
MV_Schw	A	5921	52	3	0.221031331031110
MV_Schw	A	5922	48	1	1
MV_Schw	A	5923	8	0	1
MV_Schw	C	5924	91	2	1
MV_Schw	T	5925	43	3	0.308038546605154
MV_Schw	A	5926	6	0	1
MV_Schw	C	5927	302	8	0.950262622850522
MV_Schw	T	5928	16	1	0.950262622850522
MV_Schw	A	5929	21	0	1
MV_Schw	A	5930	21	0	1
MV_Schw	T	5931	21	0	1
MV_Schw	C	5932	95	1	1
MV_Schw	A	5933	95	3	0.764161655608143
MV_Schw	G	5934	244	4	1
MV_Schw	G	5935	45	1	1
MV_Schw	C	5936	45	0	1
MV_Schw	A	5937	48	1	1
MV_Schw	A	5938	31	0	1

MV_Schw	T	5939	23	0		1
MV_Schw	T	5940	37	0		1
MV_Schw	G	5941	91	1		1
MV_Schw	A	5942	122	6	0.151282626616198	
MV_Schw	G	5943	149	5	0.892314320616093	
MV_Schw	A	5944	43	1	0.950262622850522	
MV_Schw	C	5945	79	1		1
MV_Schw	A	5946	31	0		1
MV_Schw	A	5947	39	0		1
MV_Schw	T	5948	33	1		1
MV_Schw	C	5949	171	5	0.789229943133706	
MV_Schw	A	5950	58	1		1
MV_Schw	G	5951	85	3	0.691829352390927	
MV_Schw	A	5952	23	1		1
MV_Schw	C	5953	242	7	0.922369311866557	
MV_Schw	A	5954	21	0		1
MV_Schw	A	5955	10	0		1
MV_Schw	G	5956	68	1		1
MV_Schw	C	5957	68	3	0.378469870290234	
MV_Schw	A	5958	19	1		1
MV_Schw	G	5959	31	2	0.428411386231373	
MV_Schw	G	5960	56	2	0.968890372475178	
MV_Schw	G	5961	50	1		1
MV_Schw	C	5962	236	5		1
MV_Schw	A	5963	43	4	0.041842975175859	
MV_Schw	G	5964	130	4	0.854189367256496	
MV_Schw	G	5965	27	2	0.355295708921217	
MV_Schw	A	5966	99	1	0.944879389258477	
MV_Schw	G	5967	107	4	0.619556855087002	
MV_Schw	A	5968	186	13	0.000394393843959228	
MV_Schw	T	5969	45	1		1
MV_Schw	G	5970	68	1		1
MV_Schw	A	5971	16	0		1
MV_Schw	T	5972	37	0		1
MV_Schw	A	5973	14	0		1
MV_Schw	T	5974	39	1		1

MV_Schw	T	5975	174	4		1
MV_Schw	G	5976	153	7	0.228458243153358	
MV_Schw	G	5977	190	3		1
MV_Schw	C	5978	112	1	0.789229943133706	
MV_Schw	T	5979	29	0		1
MV_Schw	G	5980	386	7		1
MV_Schw	T	5981	109	0	0.381672248067152	
MV_Schw	T	5982	141	3		1
MV_Schw	C	5983	81	2		1
MV_Schw	A	5984	248	2	0.528869794103543	
MV_Schw	G	5985	70	0	0.789229943133706	
MV_Schw	G	5986	157	3		1
MV_Schw	G	5987	62	1		1
MV_Schw	T	5988	2	0		1
MV_Schw	G	5989	141	3		1
MV_Schw	T	5990	39	1		1
MV_Schw	C	5991	81	3	0.88950624150852	
MV_Schw	C	5992	174	3		1
MV_Schw	A	5993	60	1		1
MV_Schw	A	5994	21	1		1
MV_Schw	G	5995	217	2	0.740382532463064	
MV_Schw	A	5996	29	0		1
MV_Schw	C	5997	93	1		1
MV_Schw	T	5998	10	0		1
MV_Schw	A	5999	4	0		1
MV_Schw	C	6000	54	0	0.950262622850522	
MV_Schw	A	6001	31	1		1
MV_Schw	T	6002	31	0		1
MV_Schw	C	6003	120	1		1
MV_Schw	A	6004	6	0		1
MV_Schw	A	6005	21	0		1
MV_Schw	T	6006	25	1	0.704667204683568	
MV_Schw	A	6007	78	0	0.638894311640422	
MV_Schw	A	6008	6	0		1
MV_Schw	T	6009	23	0		1
MV_Schw	G	6010	45	1		1

MV_Schw	A	6011	60	1		1
MV_Schw	G	6012	91	1		1
MV_Schw	C	6013	124	1	0.791667533131283	
MV_Schw	T	6014	10	1	0.307480793677112	
MV_Schw	G	6015	66	0	0.789229943133706	
MV_Schw	A	6016	16	1	0.950262622850522	
MV_Schw	T	6017	95	1		1
MV_Schw	A	6018	41	0		1
MV_Schw	C	6019	47	1		1
MV_Schw	C	6020	91	1		1
MV_Schw	G	6021	66	2		1
MV_Schw	T	6022	62	1		1
MV_Schw	C	6023	254	9	0.462734918202348	
MV_Schw	T	6024	138	3		1
MV_Schw	A	6025	27	0		1
MV_Schw	T	6026	16	1	0.950262622850522	
MV_Schw	G	6027	70	1		1
MV_Schw	A	6028	14	0		1
MV_Schw	A	6029	16	1	0.950262622850522	
MV_Schw	C	6030	78	0	0.638894311640422	
MV_Schw	C	6031	167	3		1
MV_Schw	A	6032	10	0		1
MV_Schw	A	6033	12	1	0.88950624150852	
MV_Schw	C	6034	143	1	0.542465567021569	
MV_Schw	T	6035	17	0		1
MV_Schw	A	6036	4	0		1
MV_Schw	T	6037	0	0		1
MV_Schw	C	6038	17	0		1
MV_Schw	T	6039	27	1	0.752394317790241	
MV_Schw	T	6040	33	1		1
MV_Schw	G	6041	167	1	0.341186273229673	
MV_Schw	T	6042	14	0		1
MV_Schw	G	6043	68	0	0.789229943133706	
MV_Schw	A	6044	157	1	0.88950624150852	
MV_Schw	T	6045	21	0		1
MV_Schw	T	6046	6	0		1

MV_Schw	T	6047	52	1		1
MV_Schw	A	6048	21	0		1
MV_Schw	A	6049	50	1		1
MV_Schw	T	6050	85	1		1
MV_Schw	C	6051	58	0	0.953489044526869	
MV_Schw	G	6052	66	1		1
MV_Schw	G	6053	72	1		1
MV_Schw	C	6054	223	4		1
MV_Schw	C	6055	138	4	0.997314673407775	
MV_Schw	A	6056	79	3	0.882548734849042	
MV_Schw	G	6057	101	3	0.789229943133706	
MV_Schw	A	6058	2	0		1
MV_Schw	A	6059	23	1		1
MV_Schw	G	6060	41	1	0.945767847051808	
MV_Schw	C	6061	271	9	0.613704602620564	
MV_Schw	T	6062	78	1		1
MV_Schw	C	6063	109	2		1
MV_Schw	G	6064	202	9	0.0722143977647632	
MV_Schw	G	6065	271	12	0.0471627462270879	
MV_Schw	G	6066	58	1		1
MV_Schw	C	6067	136	3		1
MV_Schw	T	6068	10	0		1
MV_Schw	C	6069	14	1	0.426789350155389	
MV_Schw	A	6070	19	1	0.57780206681461	
MV_Schw	A	6071	74	0	0.795198078226602	
MV_Schw	A	6072	33	3	0.197209929577240	
MV_Schw	T	6073	41	1		1
MV_Schw	T	6074	25	1	0.704667204683568	
MV_Schw	G	6075	21	0		1
MV_Schw	C	6076	250	3	0.99869736415243	
MV_Schw	T	6077	83	4	0.311085536765447	
MV_Schw	C	6078	130	2		1
MV_Schw	A	6079	16	0		1
MV_Schw	G	6080	19	0		1
MV_Schw	A	6081	8	0		1
MV_Schw	T	6082	21	3	0.0746595992424665	

MV_Schw	A	6083	19	1		1
MV_Schw	C	6084	6	0		1
MV_Schw	T	6085	4	0		1
MV_Schw	A	6086	23	0		1
MV_Schw	T	6087	27	1	0.752394317790241	1
MV_Schw	A	6088	10	0		1
MV_Schw	C	6089	196	5		1
MV_Schw	A	6090	10	0		1
MV_Schw	G	6091	47	1		1
MV_Schw	A	6092	39	1		1
MV_Schw	A	6093	12	0		1
MV_Schw	A	6094	74	3	0.831755077907185	1
MV_Schw	T	6095	29	0		1
MV_Schw	C	6096	91	1		1
MV_Schw	C	6097	54	1		1
MV_Schw	T	6098	19	1	0.57780206681461	1
MV_Schw	G	6099	207	7	0.628989544511172	1
MV_Schw	T	6100	14	0		1
MV_Schw	C	6101	56	1		1
MV_Schw	A	6102	27	0		1
MV_Schw	T	6103	0	0		1
MV_Schw	T	6104	8	0		1
MV_Schw	A	6105	29	1	0.789229943133706	1
MV_Schw	T	6106	62	1		1
MV_Schw	T	6107	10	0		1
MV_Schw	T	6108	17	1	0.528591092326266	1
MV_Schw	G	6109	103	1		1
MV_Schw	G	6110	14	0		1
MV_Schw	C	6111	97	1		1
MV_Schw	C	6112	17	1	0.983041048229953	1
MV_Schw	C	6113	14	0		1
MV_Schw	C	6114	4	0		1
MV_Schw	A	6115	21	1	0.632968068765344	1
MV_Schw	G	6116	103	1	0.944879389258477	1
MV_Schw	T	6117	12	1	0.88950624150852	1
MV_Schw	T	6118	4	0		1

MV_Schw	T	6119	12	0		1
MV_Schw	A	6120	4	1	0.619556855087002	
MV_Schw	C	6121	155	3		1
MV_Schw	G	6122	105	1	0.944944073306986	
MV_Schw	G	6123	27	3	0.128277619623459	
MV_Schw	G	6124	2	0		1
MV_Schw	A	6125	0	0		1
MV_Schw	C	6126	16	1	0.483965165529824	
MV_Schw	C	6127	128	4	0.840295409296105	
MV_Schw	C	6128	17	1	0.983041048229953	
MV_Schw	C	6129	23	1	0.658415249679101	
MV_Schw	A	6130	10	0		1
MV_Schw	T	6131	8	0		1
MV_Schw	A	6132	4	0		1
MV_Schw	T	6133	4	0		1
MV_Schw	C	6134	76	1		1
MV_Schw	T	6135	21	1	0.632968068765344	
MV_Schw	G	6136	103	2		1
MV_Schw	C	6137	289	6		1
MV_Schw	G	6138	477	8		1
MV_Schw	G	6139	134	5	0.704667204683568	
MV_Schw	A	6140	10	1	0.822598489333375	
MV_Schw	G	6141	33	0		1
MV_Schw	A	6142	2	1	0.491835918445353	
MV_Schw	T	6143	105	4	0.603755373639587	
MV_Schw	A	6144	45	2	0.65158773158174	
MV_Schw	T	6145	27	1		1
MV_Schw	C	6146	23	1		1
MV_Schw	T	6147	2	0		1
MV_Schw	A	6148	58	1		1
MV_Schw	T	6149	19	1	0.57780206681461	
MV_Schw	C	6150	95	3		1
MV_Schw	C	6151	238	7	0.667619064364632	
MV_Schw	A	6152	19	0		1
MV_Schw	G	6153	14	2	0.125475779768559	
MV_Schw	G	6154	91	5	0.217911555108928	

MV_Schw	C	6155	85	2		1
MV_Schw	T	6156	23	1	0.658415249679101	
MV_Schw	T	6157	17	1	0.983041048229953	
MV_Schw	T	6158	8	0		1
MV_Schw	G	6159	25	1		1
MV_Schw	A	6160	4	0		1
MV_Schw	G	6161	81	3	0.88950624150852	
MV_Schw	C	6162	8	1	0.789229943133706	
MV_Schw	T	6163	4	0		1
MV_Schw	A	6164	14	0		1
MV_Schw	T	6165	48	1		1
MV_Schw	G	6166	27	1		1
MV_Schw	C	6167	17	0		1
MV_Schw	G	6168	52	3	0.445919862395878	
MV_Schw	C	6169	97	1		1
MV_Schw	T	6170	41	1	0.945767847051808	
MV_Schw	T	6171	33	1		1
MV_Schw	G	6172	161	7	0.264144831191316	
MV_Schw	G	6173	29	1	0.789229943133706	
MV_Schw	A	6174	21	1	0.632968068765344	
MV_Schw	G	6175	140	5	0.560243889454362	
MV_Schw	G	6176	221	7	0.783925131106103	
MV_Schw	A	6177	8	1	0.789229943133706	
MV_Schw	G	6178	81	2		1
MV_Schw	A	6179	8	0		1
MV_Schw	C	6180	188	5		1
MV_Schw	A	6181	25	1		1
MV_Schw	T	6182	12	0		1
MV_Schw	C	6183	124	7	0.0769928239219915	
MV_Schw	A	6184	14	0		1
MV_Schw	A	6185	52	1		1
MV_Schw	T	6186	25	0		1
MV_Schw	A	6187	17	1	0.983041048229953	
MV_Schw	A	6188	8	0		1
MV_Schw	G	6189	27	0		1
MV_Schw	G	6190	25	1	0.704667204683568	

MV_Schw	T	6191	14	0		1
MV_Schw	G	6192	56	1		1
MV_Schw	T	6193	16	0		1
MV_Schw	T	6194	33	1	0.822598489333375	
MV_Schw	A	6195	47	1		1
MV_Schw	G	6196	109	3		1
MV_Schw	A	6197	112	2		1
MV_Schw	A	6198	25	1		1
MV_Schw	A	6199	10	1	0.822598489333375	
MV_Schw	A	6200	45	1		1
MV_Schw	G	6201	45	2	0.65158773158174	
MV_Schw	C	6202	1149	26		1
MV_Schw	T	6203	41	0		1
MV_Schw	C	6204	194	5	0.950262622850522	
MV_Schw	G	6205	25	1		1
MV_Schw	G	6206	85	1		1
MV_Schw	A	6207	25	1	0.704667204683568	
MV_Schw	T	6208	14	0		1
MV_Schw	A	6209	6	0		1
MV_Schw	C	6210	41	0		1
MV_Schw	A	6211	19	0		1
MV_Schw	G	6212	244	11	0.0804744449323579	
MV_Schw	T	6213	43	0		1
MV_Schw	G	6214	47	0		1
MV_Schw	G	6215	72	1		1
MV_Schw	A	6216	54	3	0.237817203872315	
MV_Schw	G	6217	101	3		1
MV_Schw	G	6218	238	7	0.909523240599174	
MV_Schw	T	6219	8	1	0.789229943133706	
MV_Schw	G	6220	267	6		1
MV_Schw	A	6221	101	4	0.576193745443697	
MV_Schw	T	6222	41	1		1
MV_Schw	T	6223	64	3	0.609091736782917	
MV_Schw	T	6224	43	2	0.632968068765344	
MV_Schw	A	6225	16	0		1
MV_Schw	C	6226	145	4		1

MV_Schw	T	6227	353	17	0.00513119326731813
MV_Schw	G	6228	159	6	0.480116689938494
MV_Schw	G	6229	314	15	0.0126609310765252
MV_Schw	G	6230	202	6	0.840650609827031
MV_Schw	C	6231	29	1	1
MV_Schw	A	6232	74	1	1
MV_Schw	T	6233	21	0	1
MV_Schw	C	6234	273	10	0.307085127613128
MV_Schw	T	6235	31	1	1
MV_Schw	T	6236	114	4	0.658415249679101
MV_Schw	A	6237	39	0	1
MV_Schw	G	6238	87	3	0.704667204683568
MV_Schw	A	6239	8	0	1
MV_Schw	G	6240	186	7	0.44055837109039
MV_Schw	A	6241	12	0	1
MV_Schw	G	6242	97	2	1
MV_Schw	C	6243	178	7	0.296710762771661
MV_Schw	G	6244	105	7	0.0321952249600374
MV_Schw	G	6245	413	17	0.0193618397969109
MV_Schw	A	6246	14	2	0.125475779768559
MV_Schw	G	6247	250	8	0.57647375993204
MV_Schw	G	6248	64	4	0.158900683800736
MV_Schw	A	6249	43	3	0.308038546605154
MV_Schw	A	6250	21	1	1
MV_Schw	T	6251	52	1	1
MV_Schw	A	6252	70	3	0.395791012435089
MV_Schw	A	6253	16	1	0.950262622850522
MV_Schw	A	6254	2	1	0.491835918445353
MV_Schw	G	6255	322	17	0.000741569904151212
MV_Schw	G	6256	83	3	0.678058690427187
MV_Schw	C	6257	236	14	0.000886598205683316
MV_Schw	C	6258	262	11	0.147844505379043
MV_Schw	C	6259	609	23	0.0249103481277176
MV_Schw	G	6260	2388	60	0.37877131423274
MV_Schw	G	6261	547	17	0.340937322426109
MV_Schw	A	6262	112	3	0.950262622850522

MV_Schw	T	6263	79	1		1
MV_Schw	A	6264	70	1		1
MV_Schw	A	6265	8	0		1
MV_Schw	C	6266	1572	32		1
MV_Schw	T	6267	16	0		1
MV_Schw	C	6268	196	5	0.950262622850522	
MV_Schw	A	6269	10	1	0.822598489333375	
MV_Schw	C	6270	217	4		1
MV_Schw	G	6271	260	3	0.939506000333287	
MV_Schw	T	6272	72	1		1
MV_Schw	C	6273	64	1		1
MV_Schw	G	6274	52	1		1
MV_Schw	A	6275	29	1		1
MV_Schw	C	6276	333	9	0.966560423700072	
MV_Schw	A	6277	27	0		1
MV_Schw	C	6278	203	1	0.44280652126772	
MV_Schw	A	6279	12	0		1
MV_Schw	G	6280	23	0		1
MV_Schw	A	6281	124	2		1
MV_Schw	G	6282	68	2		1
MV_Schw	T	6283	37	0		1
MV_Schw	C	6284	35	0		1
MV_Schw	C	6285	93	1		1
MV_Schw	T	6286	16	1	0.950262622850522	
MV_Schw	A	6287	54	1		1
MV_Schw	C	6288	285	1	0.0364439659893172	
MV_Schw	T	6289	23	1		1
MV_Schw	T	6290	19	0		1
MV_Schw	C	6291	12	0		1
MV_Schw	A	6292	62	0	0.789229943133706	
MV_Schw	T	6293	23	2	0.296710762771661	
MV_Schw	T	6294	33	1		1
MV_Schw	G	6295	107	4	0.619556855087002	
MV_Schw	T	6296	4	0		1
MV_Schw	C	6297	112	1		1
MV_Schw	C	6298	725	23	0.17325046551955	

MV_Schw	T	6299	41	1		1
MV_Schw	C	6300	54	1		1
MV_Schw	A	6301	68	1		1
MV_Schw	G	6302	169	5	0.945767847051808	
MV_Schw	T	6303	12	0		1
MV_Schw	A	6304	19	0		1
MV_Schw	T	6305	31	1		1
MV_Schw	A	6306	23	1		1
MV_Schw	G	6307	151	1	0.88950624150852	
MV_Schw	C	6308	473	10		1
MV_Schw	C	6309	76	1		1
MV_Schw	T	6310	27	1		1
MV_Schw	A	6311	39	0		1
MV_Schw	T	6312	83	1		1
MV_Schw	C	6313	89	1		1
MV_Schw	C	6314	434	7		1
MV_Schw	G	6315	287	5		1
MV_Schw	A	6316	8	1	0.789229943133706	
MV_Schw	C	6317	576	19	0.125475779768559	
MV_Schw	G	6318	141	5	0.742170203109886	
MV_Schw	C	6319	78	3	0.863499923807603	
MV_Schw	T	6320	16	0		1
MV_Schw	G	6321	107	3		1
MV_Schw	T	6322	47	2	0.678058690427187	
MV_Schw	C	6323	264	3	0.940669409851862	
MV_Schw	C	6324	221	5		1
MV_Schw	G	6325	320	7		1
MV_Schw	A	6326	76	1		1
MV_Schw	G	6327	983	28	0.302325351392248	
MV_Schw	A	6328	101	3	0.789229943133706	
MV_Schw	T	6329	252	7		1
MV_Schw	T	6330	14	0		1
MV_Schw	A	6331	16	1	0.950262622850522	
MV_Schw	A	6332	87	1		1
MV_Schw	G	6333	312	4	0.863499923807603	
MV_Schw	G	6334	512	19	0.0350427011683614	

MV_Schw	G	6335	54	1		1
MV_Schw	G	6336	72	2		1
MV_Schw	G	6337	79	2		1
MV_Schw	T	6338	209	5		1
MV_Schw	G	6339	149	5	0.599534349993353	
MV_Schw	A	6340	83	0	0.645428736569362	
MV_Schw	T	6341	45	0		1
MV_Schw	T	6342	176	5		1
MV_Schw	G	6343	440	7	0.950262622850522	
MV_Schw	T	6344	25	1		1
MV_Schw	C	6345	277	9	0.4069629773352	
MV_Schw	C	6346	1252	39	0.0505280298568461	
MV_Schw	A	6347	397	9		1
MV_Schw	C	6348	444	21	0.000632234173031295	
MV_Schw	C	6349	192	7	0.565378974481248	
MV_Schw	G	6350	147	4		1
MV_Schw	G	6351	409	21	0.000497052534051072	
MV_Schw	C	6352	114	4	0.658415249679101	
MV_Schw	T	6353	176	8	0.126418646194306	
MV_Schw	A	6354	66	5	0.0239036682558459	
MV_Schw	G	6355	105	4	0.603755373639587	
MV_Schw	A	6356	70	5	0.0854785497754524	
MV_Schw	G	6357	95	7	0.0187937969661973	
MV_Schw	G	6358	300	19	3.01092630298597e-05	
MV_Schw	G	6359	31	3	0.0518737301478137	
MV_Schw	G	6360	78	6	0.0177648680200563	
MV_Schw	G	6361	502	19	0.03148485115913	
MV_Schw	T	6362	58	5	0.0132175001443654	
MV_Schw	C	6363	411	23	3.75216585877020e-05	
MV_Schw	T	6364	8	1	0.258627633593378	
MV_Schw	C	6365	99	3		1
MV_Schw	G	6366	603	36	3.30692364190224e-09	
MV_Schw	T	6367	134	5	0.397437008479015	
MV_Schw	A	6368	97	4	0.550155392537109	
MV_Schw	C	6369	161	3		1
MV_Schw	A	6370	19	0		1

MV_Schw	A	6371	4	0	1
MV_Schw	C	6372	85	6	0.0290565201324091
MV_Schw	A	6373	31	2	0.428411386231373
MV_Schw	T	6374	58	3	0.528591092326266
MV_Schw	A	6375	43	1	1
MV_Schw	G	6376	97	5	0.125475779768559
MV_Schw	G	6377	35	2	0.497615650989996
MV_Schw	C	6378	21	1	1
MV_Schw	T	6379	68	6	0.00856366347444603
MV_Schw	C	6380	153	4	1
MV_Schw	T	6381	60	3	0.298698990757132
MV_Schw	C	6382	229	7	0.88950624150852
MV_Schw	A	6383	64	3	0.609091736782917
MV_Schw	A	6384	52	3	0.445919862395878
MV_Schw	G	6385	163	3	1
MV_Schw	A	6386	19	0	1
MV_Schw	G	6387	172	6	0.53158647232894
MV_Schw	T	6388	27	0	1
MV_Schw	G	6389	41	0	1
MV_Schw	G	6390	120	1	0.789229943133706
MV_Schw	T	6391	14	1	0.944879389258477
MV_Schw	A	6392	47	1	1
MV_Schw	T	6393	39	2	0.560243889454362
MV_Schw	A	6394	12	1	0.88950624150852
MV_Schw	C	6395	56	1	1
MV_Schw	C	6396	29	1	1
MV_Schw	A	6397	37	1	1
MV_Schw	C	6398	207	2	0.734151152837751
MV_Schw	T	6399	19	0	1
MV_Schw	G	6400	205	3	1
MV_Schw	T	6401	41	0	1
MV_Schw	G	6402	79	1	1
MV_Schw	C	6403	202	1	0.216853413677777
MV_Schw	C	6404	56	1	1
MV_Schw	C	6405	300	6	1
MV_Schw	A	6406	93	2	1

MV_Schw	A	6407	25	0		1
MV_Schw	G	6408	329	5		1
MV_Schw	T	6409	10	0		1
MV_Schw	A	6410	14	0		1
MV_Schw	T	6411	10	1	0.822598489333375	
MV_Schw	G	6412	85	3	0.918952129071198	
MV_Schw	T	6413	114	3		1
MV_Schw	T	6414	85	3	0.918952129071198	
MV_Schw	G	6415	172	3		1
MV_Schw	C	6416	107	1	0.945767847051808	
MV_Schw	A	6417	4	1	0.619556855087002	
MV_Schw	A	6418	153	4		1
MV_Schw	C	6419	297	4	0.950262622850522	
MV_Schw	C	6420	62	1		1
MV_Schw	C	6421	64	0	0.789229943133706	
MV_Schw	A	6422	48	0	0.950262622850522	
MV_Schw	A	6423	215	3	0.957721317456694	
MV_Schw	G	6424	242	3	0.996771597822493	
MV_Schw	G	6425	62	3	0.307480793677112	
MV_Schw	G	6426	45	1		1
MV_Schw	T	6427	8	0		1
MV_Schw	A	6428	21	0		1
MV_Schw	C	6429	87	1		1
MV_Schw	C	6430	203	3		1
MV_Schw	T	6431	12	0		1
MV_Schw	T	6432	17	0		1
MV_Schw	A	6433	14	0		1
MV_Schw	NA	6434	0	0		NA
MV_Schw	C	6435	331	3	0.560243889454362	
MV_Schw	T	6436	58	0	0.953489044526869	
MV_Schw	C	6437	194	3		1
MV_Schw	G	6438	27	0		1
MV_Schw	A	6439	66	0	0.789229943133706	
MV_Schw	A	6440	89	0	0.497615650989996	
MV_Schw	T	6441	29	1		1
MV_Schw	NA	6442	0	0		NA

MV_Schw	T	6443	4	0		1
MV_Schw	T	6444	14	1	0.944879389258477	
MV_Schw	G	6445	426	8		1
MV_Schw	A	6446	19	1		1
MV_Schw	T	6447	23	1		1
MV_Schw	G	6448	33	0		1
MV_Schw	A	6449	4	0		1
MV_Schw	G	6450	91	1		1
MV_Schw	T	6451	64	1		1
MV_Schw	C	6452	72	1		1
MV_Schw	A	6453	62	1		1
MV_Schw	T	6454	17	0		1
MV_Schw	C	6455	78	3	0.863499923807603	
MV_Schw	G	6456	324	13	0.0587145760188764	
MV_Schw	T	6457	56	1		1
MV_Schw	G	6458	159	7	0.152879709792478	
MV_Schw	T	6459	37	1	0.88950624150852	
MV_Schw	A	6460	43	6	0.000579362197996472	
MV_Schw	C	6461	254	5		1
MV_Schw	T	6462	81	0	0.641186461810141	
MV_Schw	T	6463	50	4	0.0738869581900653	
MV_Schw	T	6464	54	1		1
MV_Schw	C	6465	95	5	0.118404761941972	
MV_Schw	A	6466	238	20	5.03896889205454e-08	
MV_Schw	T	6467	66	3	0.354972433257953	
MV_Schw	G	6468	165	11	0.00246282628626668	
MV_Schw	C	6469	128	2		1
MV_Schw	C	6470	37	0		1
MV_Schw	A	6471	48	3	0.390345857720356	
MV_Schw	G	6472	459	22	0.000510563580926731	
MV_Schw	A	6473	85	7	0.00993851370517883	
MV_Schw	G	6474	223	5		1
MV_Schw	G	6475	87	3	0.935220820395243	
MV_Schw	G	6476	291	3	0.500212938980029	
MV_Schw	G	6477	29	2	0.389821719583598	
MV_Schw	A	6478	21	1		1

MV_Schw	C	6479	207	7	0.628989544511172
MV_Schw	T	6480	47	1	1
MV_Schw	G	6481	85	1	1
MV_Schw	T	6482	109	2	1
MV_Schw	G	6483	351	6	1
MV_Schw	T	6484	151	3	1
MV_Schw	G	6485	215	5	1
MV_Schw	C	6486	118	1	1
MV_Schw	A	6487	97	1	1
MV_Schw	G	6488	271	6	1
MV_Schw	C	6489	328	6	1
MV_Schw	C	6490	72	1	1
MV_Schw	A	6491	182	4	1
MV_Schw	A	6492	31	0	1
MV_Schw	A	6493	72	1	1
MV_Schw	A	6494	58	1	1
MV_Schw	T	6495	37	0	1
MV_Schw	G	6496	112	1	0.789229943133706
MV_Schw	C	6497	33	1	1
MV_Schw	C	6498	351	6	1
MV_Schw	T	6499	14	0	1
MV_Schw	T	6500	14	0	1
MV_Schw	G	6501	6	1	0.704667204683568
MV_Schw	T	6502	21	0	1
MV_Schw	A	6503	17	0	1
MV_Schw	C	6504	140	2	1
MV_Schw	C	6505	66	1	1
MV_Schw	C	6506	74	1	1
MV_Schw	G	6507	368	5	0.799284242354531
MV_Schw	A	6508	95	1	1
MV_Schw	T	6509	409	6	0.950262622850522
MV_Schw	G	6510	23	1	1
MV_Schw	A	6511	27	0	1
MV_Schw	G	6512	122	2	1
MV_Schw	T	6513	2	0	1
MV_Schw	C	6514	79	0	0.639207655977387

MV_Schw	C	6515	126	1		1
MV_Schw	T	6516	37	0		1
MV_Schw	C	6517	136	3		1
MV_Schw	T	6518	78	1		1
MV_Schw	G	6519	60	1		1
MV_Schw	C	6520	68	1		1
MV_Schw	T	6521	17	0		1
MV_Schw	C	6522	64	0	0.789229943133706	
MV_Schw	C	6523	202	1	0.551026371204373	
MV_Schw	A	6524	21	1		1
MV_Schw	A	6525	47	1		1
MV_Schw	G	6526	300	2	0.239446226094413	
MV_Schw	A	6527	45	1		1
MV_Schw	A	6528	25	0		1
MV_Schw	T	6529	17	0		1
MV_Schw	G	6530	128	1		1
MV_Schw	C	6531	62	3	0.57780206681461	
MV_Schw	C	6532	110	1	0.789229943133706	
MV_Schw	T	6533	89	1		1
MV_Schw	C	6534	143	1	0.88950624150852	
MV_Schw	C	6535	165	3		1
MV_Schw	G	6536	388	3	0.120050352121446	
MV_Schw	G	6537	138	1	0.983694697749173	
MV_Schw	G	6538	266	5		1
MV_Schw	G	6539	64	1		1
MV_Schw	G	6540	29	0		1
MV_Schw	T	6541	10	0		1
MV_Schw	A	6542	17	1	0.983041048229953	
MV_Schw	C	6543	62	1		1
MV_Schw	A	6544	35	0		1
MV_Schw	C	6545	78	1		1
MV_Schw	C	6546	126	2		1
MV_Schw	A	6547	17	0		1
MV_Schw	A	6548	47	0		1
MV_Schw	G	6549	203	3		1
MV_Schw	T	6550	68	2		1

MV_Schw	C	6551	41	1		1
MV_Schw	C	6552	43	1		1
MV_Schw	T	6553	33	1		1
MV_Schw	G	6554	236	2	0.638894311640422	
MV_Schw	T	6555	68	1		1
MV_Schw	G	6556	103	3		1
MV_Schw	C	6557	231	6	0.987114400552037	
MV_Schw	T	6558	8	0		1
MV_Schw	C	6559	43	1	0.950262622850522	
MV_Schw	G	6560	262	1	0.181354408412572	
MV_Schw	T	6561	29	1	0.789229943133706	
MV_Schw	A	6562	33	0		1
MV_Schw	C	6563	60	1		1
MV_Schw	A	6564	19	1	0.57780206681461	
MV_Schw	C	6565	120	2		1
MV_Schw	T	6566	2	0		1
MV_Schw	C	6567	27	1		1
MV_Schw	G	6568	50	1		1
MV_Schw	T	6569	4	0		1
MV_Schw	A	6570	37	0		1
MV_Schw	T	6571	12	0		1
MV_Schw	C	6572	25	0		1
MV_Schw	C	6573	52	1		1
MV_Schw	G	6574	78	3	0.863499923807603	
MV_Schw	G	6575	258	5		1
MV_Schw	G	6576	68	3	0.806176178462968	
MV_Schw	T	6577	2	0		1
MV_Schw	C	6578	41	1		1
MV_Schw	T	6579	6	0		1
MV_Schw	T	6580	8	1	0.789229943133706	
MV_Schw	T	6581	33	1	0.822598489333375	
MV_Schw	T	6582	68	0	0.789229943133706	
MV_Schw	G	6583	41	0		1
MV_Schw	G	6584	50	0	0.950262622850522	
MV_Schw	G	6585	12	0		1
MV_Schw	A	6586	21	1		1

MV_Schw	A	6587	16	0		1
MV_Schw	C	6588	25	1	0.704667204683568	
MV_Schw	C	6589	12	2	0.0975104748468945	
MV_Schw	G	6590	19	1		1
MV_Schw	G	6591	203	6	0.847726296025822	
MV_Schw	T	6592	29	0		1
MV_Schw	T	6593	29	1		1
MV_Schw	C	6594	149	5	0.892314320616093	
MV_Schw	A	6595	66	1		1
MV_Schw	T	6596	19	1		1
MV_Schw	T	6597	60	3	0.550155392537109	
MV_Schw	T	6598	31	1		1
MV_Schw	T	6599	27	1		1
MV_Schw	A	6600	14	1	0.426789350155389	
MV_Schw	T	6601	54	1		1
MV_Schw	C	6602	256	3		1
MV_Schw	A	6603	8	0		1
MV_Schw	C	6604	23	1	0.658415249679101	
MV_Schw	A	6605	10	1	0.822598489333375	
MV_Schw	A	6606	79	1		1
MV_Schw	G	6607	83	2		1
MV_Schw	G	6608	60	2	0.983041048229953	
MV_Schw	G	6609	35	0		1
MV_Schw	A	6610	8	0		1
MV_Schw	A	6611	17	1	0.983041048229953	
MV_Schw	C	6612	83	5	0.161503851613234	
MV_Schw	C	6613	176	3		1
MV_Schw	T	6614	29	1		1
MV_Schw	A	6615	10	1	0.307480793677112	
MV_Schw	A	6616	35	1	0.863499923807603	
MV_Schw	T	6617	47	1		1
MV_Schw	A	6618	169	3		1
MV_Schw	G	6619	362	9	0.983694697749173	
MV_Schw	C	6620	14	0		1
MV_Schw	C	6621	145	2		1
MV_Schw	A	6622	54	0	0.950262622850522	

MV_Schw	A	6623	25	0		1
MV_Schw	T	6624	31	0		1
MV_Schw	T	6625	37	0		1
MV_Schw	G	6626	54	1		1
MV_Schw	T	6627	14	1	0.426789350155389	
MV_Schw	G	6628	16	1	0.950262622850522	
MV_Schw	C	6629	328	2	0.149304739712522	
MV_Schw	A	6630	39	1		1
MV_Schw	T	6631	16	0		1
MV_Schw	C	6632	72	1		1
MV_Schw	A	6633	8	0		1
MV_Schw	A	6634	68	3	0.806176178462968	
MV_Schw	T	6635	12	0		1
MV_Schw	C	6636	70	1		1
MV_Schw	C	6637	91	2		1
MV_Schw	T	6638	25	0		1
MV_Schw	T	6639	19	0		1
MV_Schw	T	6640	91	1		1
MV_Schw	G	6641	74	1		1
MV_Schw	C	6642	45	0		1
MV_Schw	A	6643	2	0		1
MV_Schw	A	6644	14	1	0.944879389258477	
MV_Schw	G	6645	48	1		1
MV_Schw	T	6646	2	0		1
MV_Schw	G	6647	87	1		1
MV_Schw	NA	6648	0	0		NA
MV_Schw	T	6649	27	1		1
MV_Schw	A	6650	8	0		1
MV_Schw	C	6651	72	7	0.000897521622018482	
MV_Schw	A	6652	6	0		1
MV_Schw	C	6653	48	1		1
MV_Schw	A	6654	4	1	0.619556855087002	
MV_Schw	A	6655	2	0		1
MV_Schw	C	6656	124	3		1
MV_Schw	A	6657	0	0		1
MV_Schw	G	6658	95	2		1

MV_Schw	G	6659	66	0	0.789229943133706
MV_Schw	A	6660	21	0	1
MV_Schw	A	6661	31	1	1
MV_Schw	C	6662	128	1	1
MV_Schw	G	6663	109	1	1
MV_Schw	A	6664	23	1	1
MV_Schw	T	6665	39	0	1
MV_Schw	C	6666	345	8	1
MV_Schw	A	6667	66	0	0.789229943133706
MV_Schw	T	6668	21	1	0.632968068765344
MV_Schw	T	6669	23	1	1
MV_Schw	A	6670	81	1	1
MV_Schw	A	6671	21	1	1
MV_Schw	T	6672	95	2	1
MV_Schw	C	6673	262	1	0.181354408412572
MV_Schw	A	6674	81	1	1
MV_Schw	A	6675	8	1	0.258627633593378
MV_Schw	G	6676	229	5	1
MV_Schw	A	6677	23	0	1
MV_Schw	C	6678	83	1	1
MV_Schw	C	6679	31	1	1
MV_Schw	C	6680	37	0	1
MV_Schw	T	6681	178	3	1
MV_Schw	G	6682	112	1	0.789229943133706
MV_Schw	A	6683	95	1	1
MV_Schw	C	6684	707	5	0.0177092936390313
MV_Schw	A	6685	60	1	1
MV_Schw	A	6686	19	0	1
MV_Schw	G	6687	76	4	0.256701313538806
MV_Schw	A	6688	25	1	1
MV_Schw	T	6689	120	1	0.789229943133706
MV_Schw	C	6690	41	1	1
MV_Schw	C	6691	141	1	0.989441011726102
MV_Schw	T	6692	4	0	1
MV_Schw	A	6693	29	1	1
MV_Schw	A	6694	48	3	0.390345857720356

MV_Schw	C	6695	54	1		1
MV_Schw	A	6696	14	0		1
MV_Schw	T	6697	6	0		1
MV_Schw	A	6698	4	0		1
MV_Schw	C	6699	21	0		1
MV_Schw	A	6700	21	0		1
MV_Schw	T	6701	14	0		1
MV_Schw	T	6702	4	0		1
MV_Schw	G	6703	21	0		1
MV_Schw	C	6704	76	0	0.638894311640422	
MV_Schw	T	6705	41	0		1
MV_Schw	G	6706	298	3	0.506554058853276	
MV_Schw	C	6707	72	1		1
MV_Schw	C	6708	33	1		1
MV_Schw	G	6709	151	3		1
MV_Schw	A	6710	17	1	0.983041048229953	
MV_Schw	T	6711	19	0		1
MV_Schw	C	6712	23	0		1
MV_Schw	A	6713	14	1	0.944879389258477	
MV_Schw	C	6714	85	2		1
MV_Schw	T	6715	8	0		1
MV_Schw	G	6716	114	5	0.463720798159947	
MV_Schw	C	6717	33	1		1
MV_Schw	C	6718	58	2	0.98139756833885	
MV_Schw	C	6719	252	7	0.791667533131283	
MV_Schw	G	6720	78	0	0.638894311640422	
MV_Schw	G	6721	25	1		1
MV_Schw	T	6722	10	0		1
MV_Schw	A	6723	4	0		1
MV_Schw	G	6724	244	3	0.789229943133706	
MV_Schw	T	6725	31	0		1
MV_Schw	C	6726	39	0		1
MV_Schw	G	6727	130	2		1
MV_Schw	A	6728	12	0		1
MV_Schw	G	6729	209	2	0.734151152837751	
MV_Schw	G	6730	31	1		1

MV_Schw	T	6731	33	0		1
MV_Schw	G	6732	17	0		1
MV_Schw	A	6733	23	1		1
MV_Schw	A	6734	54	1		1
MV_Schw	C	6735	68	2		1
MV_Schw	G	6736	138	1	0.673422966374487	
MV_Schw	G	6737	37	2	0.528591092326266	
MV_Schw	C	6738	227	5		1
MV_Schw	G	6739	238	7	0.909523240599174	
MV_Schw	T	6740	287	11	0.129671060641067	
MV_Schw	G	6741	97	5	0.259232568936535	
MV_Schw	A	6742	17	0		1
MV_Schw	C	6743	43	1		1
MV_Schw	C	6744	29	1	0.789229943133706	
MV_Schw	A	6745	35	0		1
MV_Schw	T	6746	58	0	0.953489044526869	
MV_Schw	C	6747	37	1	0.88950624150852	
MV_Schw	C	6748	45	2	0.65158773158174	
MV_Schw	A	6749	29	1	0.789229943133706	
MV_Schw	A	6750	6	0		1
MV_Schw	G	6751	316	7		1
MV_Schw	T	6752	27	0		1
MV_Schw	C	6753	72	1		1
MV_Schw	G	6754	62	1		1
MV_Schw	G	6755	194	7	0.333677714503605	
MV_Schw	G	6756	136	5	0.413972023083745	
MV_Schw	A	6757	19	1		1
MV_Schw	G	6758	176	3		1
MV_Schw	C	6759	79	1		1
MV_Schw	A	6760	27	1	0.752394317790241	
MV_Schw	G	6761	227	3	0.88950624150852	
MV_Schw	G	6762	167	1	0.788293646497135	
MV_Schw	A	6763	29	1		1
MV_Schw	G	6764	147	7	0.207688569171937	
MV_Schw	G	6765	33	1	0.822598489333375	
MV_Schw	T	6766	33	2	0.463720798159947	

MV_Schw	A	6767	62	0	0.789229943133706
MV_Schw	T	6768	174	3	1
MV_Schw	C	6769	217	6	0.969676682971856
MV_Schw	C	6770	297	5	1
MV_Schw	A	6771	147	1	0.88950624150852
MV_Schw	G	6772	281	7	1
MV_Schw	A	6773	167	4	1
MV_Schw	C	6774	99	5	0.277229700444564
MV_Schw	G	6775	167	4	1
MV_Schw	C	6776	54	0	0.950262622850522
MV_Schw	T	6777	81	1	1
MV_Schw	G	6778	74	2	1
MV_Schw	T	6779	70	3	0.819327818667335
MV_Schw	G	6780	76	1	1
MV_Schw	T	6781	25	0	1
MV_Schw	A	6782	8	0	1
MV_Schw	C	6783	227	12	0.0122277142979422
MV_Schw	T	6784	4	1	0.619556855087002
MV_Schw	T	6785	8	0	1
MV_Schw	G	6786	128	1	0.658415249679101
MV_Schw	C	6787	68	1	1
MV_Schw	A	6788	174	5	1
MV_Schw	C	6789	109	4	0.632968068765344
MV_Schw	A	6790	17	0	1
MV_Schw	G	6791	37	1	0.88950624150852
MV_Schw	A	6792	47	1	1
MV_Schw	A	6793	39	0	1
MV_Schw	T	6794	149	1	0.550155392537109
MV_Schw	T	6795	16	1	0.950262622850522
MV_Schw	G	6796	79	0	0.639207655977387
MV_Schw	A	6797	4	0	1
MV_Schw	C	6798	343	1	0.0340037011728573
MV_Schw	C	6799	114	3	1
MV_Schw	T	6800	19	2	0.224063006917908
MV_Schw	C	6801	43	1	0.950262622850522
MV_Schw	G	6802	74	0	0.795198078226602

MV_Schw	G	6803	273	1	0.139259883257776
MV_Schw	T	6804	45	1	1
MV_Schw	C	6805	10	0	1
MV_Schw	C	6806	39	1	0.9314909603024
MV_Schw	T	6807	6	0	1
MV_Schw	C	6808	21	0	1
MV_Schw	C	6809	87	2	1
MV_Schw	C	6810	14	1	0.944879389258477
MV_Schw	A	6811	4	0	1
MV_Schw	T	6812	6	0	1
MV_Schw	A	6813	6	0	1
MV_Schw	NA	6814	0	0	NA
MV_Schw	C	6815	4	0	1
MV_Schw	A	6816	10	1	0.307480793677112
MV_Schw	T	6817	4	1	0.619556855087002
MV_Schw	T	6818	25	0	1
MV_Schw	G	6819	31	0	1
MV_Schw	G	6820	39	0	1
MV_Schw	A	6821	19	0	1
MV_Schw	G	6822	50	0	0.950262622850522
MV_Schw	A	6823	4	0	1
MV_Schw	G	6824	16	0	1
MV_Schw	G	6825	130	4	0.854189367256496
MV_Schw	T	6826	10	0	1
MV_Schw	T	6827	64	2	1
MV_Schw	G	6828	29	0	1
MV_Schw	G	6829	52	3	0.445919862395878
MV_Schw	A	6830	21	0	1
MV_Schw	C	6831	161	5	0.646149988917053
MV_Schw	G	6832	58	2	0.98139756833885
MV_Schw	T	6833	14	1	0.426789350155389
MV_Schw	A	6834	12	0	1
MV_Schw	G	6835	50	1	1
MV_Schw	G	6836	172	5	0.789229943133706
MV_Schw	G	6837	293	7	1
MV_Schw	A	6838	8	1	0.258627633593378

MV_Schw	C	6839	169	3		1
MV_Schw	A	6840	23	0		1
MV_Schw	A	6841	25	0		1
MV_Schw	A	6842	110	4	0.639207655977387	
MV_Schw	T	6843	68	1		1
MV_Schw	C	6844	182	2	0.946416176064202	
MV_Schw	T	6845	47	1		1
MV_Schw	G	6846	866	25	0.380612952834776	
MV_Schw	G	6847	83	1		1
MV_Schw	G	6848	132	3		1
MV_Schw	G	6849	23	1	0.658415249679101	
MV_Schw	A	6850	12	0		1
MV_Schw	A	6851	27	1		1
MV_Schw	T	6852	72	1		1
MV_Schw	G	6853	254	7		1
MV_Schw	C	6854	227	7	0.645428736569362	
MV_Schw	A	6855	45	1		1
MV_Schw	A	6856	17	3	0.0469760201915419	
MV_Schw	T	6857	48	5	0.0200563728790100	
MV_Schw	T	6858	31	1	0.791667533131283	
MV_Schw	G	6859	161	1	0.78470776546672	
MV_Schw	C	6860	174	3		1
MV_Schw	T	6861	14	1	0.944879389258477	
MV_Schw	A	6862	31	1		1
MV_Schw	A	6863	2	0		1
MV_Schw	G	6864	101	3	0.789229943133706	
MV_Schw	T	6865	35	0		1
MV_Schw	T	6866	31	1	0.791667533131283	
MV_Schw	G	6867	89	3	0.715462436038866	
MV_Schw	G	6868	48	0	0.950262622850522	
MV_Schw	A	6869	35	2	0.497615650989996	
MV_Schw	G	6870	198	7	0.350814957308642	
MV_Schw	G	6871	8	0		1
MV_Schw	A	6872	23	0		1
MV_Schw	T	6873	12	1	0.88950624150852	
MV_Schw	G	6874	43	1		1

MV_Schw	C	6875	118	2		1
MV_Schw	C	6876	79	3	0.882548734849042	
MV_Schw	A	6877	72	4	0.222002676269896	
MV_Schw	A	6878	165	3		1
MV_Schw	G	6879	141	4		1
MV_Schw	G	6880	178	7	0.403516190901706	
MV_Schw	A	6881	45	1		1
MV_Schw	A	6882	37	1	0.88950624150852	
MV_Schw	T	6883	37	0		1
MV_Schw	T	6884	74	0	0.795198078226602	
MV_Schw	G	6885	543	13		1
MV_Schw	T	6886	47	0		1
MV_Schw	T	6887	95	2		1
MV_Schw	G	6888	279	7		1
MV_Schw	G	6889	93	0	0.498091317793217	
MV_Schw	A	6890	21	0		1
MV_Schw	G	6891	99	4	0.560243889454362	
MV_Schw	T	6892	8	0		1
MV_Schw	C	6893	95	1		1
MV_Schw	A	6894	176	3		1
MV_Schw	T	6895	159	3		1
MV_Schw	C	6896	233	9	0.307480793677112	
MV_Schw	G	6897	149	5	0.892314320616093	
MV_Schw	G	6898	161	4		1
MV_Schw	A	6899	89	2		1
MV_Schw	C	6900	202	4		1
MV_Schw	C	6901	649	15		1
MV_Schw	A	6902	17	2	0.190596323698557	
MV_Schw	G	6903	23	2	0.296710762771661	
MV_Schw	A	6904	27	0		1
MV_Schw	T	6905	58	2	0.98139756833885	
MV_Schw	A	6906	41	0		1
MV_Schw	T	6907	54	1		1
MV_Schw	T	6908	62	2	0.991517221373143	
MV_Schw	G	6909	112	4	0.648224297390367	
MV_Schw	A	6910	79	3	0.882548734849042	

MV_Schw	G	6911	432	11	0.88950624150852
MV_Schw	G	6912	72	1	1
MV_Schw	A	6913	8	0	1
MV_Schw	G	6914	41	1	0.945767847051808
MV_Schw	T	6915	10	1	0.307480793677112
MV_Schw	A	6916	27	0	1
MV_Schw	T	6917	29	0	1
MV_Schw	G	6918	502	13	0.944879389258477
MV_Schw	A	6919	58	1	1
MV_Schw	A	6920	27	1	0.752394317790241
MV_Schw	A	6921	25	1	1
MV_Schw	G	6922	510	17	0.252703073422297
MV_Schw	G	6923	116	5	0.479133435065576
MV_Schw	T	6924	17	0	1
MV_Schw	T	6925	45	1	1
MV_Schw	T	6926	62	0	0.789229943133706
MV_Schw	A	6927	120	2	1
MV_Schw	T	6928	76	1	1
MV_Schw	C	6929	395	11	0.844774346689763
MV_Schw	G	6930	134	3	1
MV_Schw	A	6931	27	0	1
MV_Schw	G	6932	107	3	0.950262622850522
MV_Schw	C	6933	161	7	0.158912472326488
MV_Schw	A	6934	17	1	0.983041048229953
MV_Schw	C	6935	110	2	1
MV_Schw	T	6936	10	0	1
MV_Schw	A	6937	48	1	1
MV_Schw	G	6938	192	5	1
MV_Schw	C	6939	47	1	1
MV_Schw	A	6940	64	1	1
MV_Schw	T	6941	8	0	1
MV_Schw	A	6942	31	1	1
MV_Schw	G	6943	109	3	1
MV_Schw	T	6944	112	2	1
MV_Schw	C	6945	64	1	1
MV_Schw	T	6946	35	0	1

MV_Schw	A	6947	4	0		1
MV_Schw	C	6948	76	1		1
MV_Schw	A	6949	31	0		1
MV_Schw	T	6950	29	0		1
MV_Schw	C	6951	157	2		1
MV_Schw	C	6952	35	1		1
MV_Schw	T	6953	45	0		1
MV_Schw	G	6954	60	1		1
MV_Schw	A	6955	72	1		1
MV_Schw	T	6956	89	1		1
MV_Schw	T	6957	25	0		1
MV_Schw	G	6958	39	0		1
MV_Schw	C	6959	12	0		1
MV_Schw	A	6960	27	1		1
MV_Schw	G	6961	260	9	0.366637777073510	
MV_Schw	T	6962	17	1	0.983041048229953	
MV_Schw	G	6963	27	1	0.752394317790241	
MV_Schw	T	6964	4	0		1
MV_Schw	G	6965	91	3	0.734151152837751	
MV_Schw	T	6966	33	1		1
MV_Schw	C	6967	95	1		1
MV_Schw	T	6968	68	3	0.806176178462968	
MV_Schw	T	6969	132	3		1
MV_Schw	G	6970	91	1		1
MV_Schw	G	6971	279	7		1
MV_Schw	A	6972	17	1	0.983041048229953	
MV_Schw	G	6973	132	5	0.694842282240476	
MV_Schw	G	6974	99	2		1
MV_Schw	G	6975	118	4	0.804012640024926	
MV_Schw	T	6976	19	1		1
MV_Schw	T	6977	17	0		1
MV_Schw	G	6978	376	7		1
MV_Schw	A	6979	31	1		1
MV_Schw	T	6980	281	5		1
MV_Schw	A	6981	192	5	0.950262622850522	
MV_Schw	G	6982	234	3		1

MV_Schw	G	6983	52	1		1
MV_Schw	G	6984	66	1		1
MV_Schw	A	6985	85	3	0.918952129071198	
MV_Schw	T	6986	33	1		1
MV_Schw	C	6987	172	1	0.789229943133706	
MV_Schw	C	6988	85	1		1
MV_Schw	C	6989	159	1	0.78470776546672	
MV_Schw	C	6990	114	2		1
MV_Schw	G	6991	453	6	0.715462436038866	
MV_Schw	C	6992	202	4		1
MV_Schw	T	6993	43	0		1
MV_Schw	T	6994	12	0		1
MV_Schw	T	6995	12	1	0.88950624150852	
MV_Schw	A	6996	6	0		1
MV_Schw	A	6997	14	0		1
MV_Schw	T	6998	41	1		1
MV_Schw	A	6999	4	1	0.619556855087002	
MV_Schw	T	7000	23	0		1
MV_Schw	G	7001	21	0		1
MV_Schw	T	7002	12	0		1
MV_Schw	T	7003	54	0	0.950262622850522	
MV_Schw	G	7004	159	3		1
MV_Schw	C	7005	240	5		1
MV_Schw	T	7006	27	1		1
MV_Schw	G	7007	450	14	0.381672248067152	
MV_Schw	C	7008	54	1		1
MV_Schw	A	7009	52	0	0.950262622850522	
MV_Schw	G	7010	72	3	0.822598489333375	
MV_Schw	G	7011	89	6	0.0358765704418588	
MV_Schw	G	7012	248	5		1
MV_Schw	G	7013	85	3	0.918952129071198	
MV_Schw	G	7014	50	2	0.746970975838775	
MV_Schw	C	7015	91	3		1
MV_Schw	G	7016	488	11		1
MV_Schw	T	7017	60	1		1
MV_Schw	T	7018	31	1		1

MV_Schw	G	7019	97	3	0.78354985902497	
MV_Schw	T	7020	23	1		1
MV_Schw	A	7021	16	1	0.483965165529824	
MV_Schw	A	7022	72	3	0.822598489333375	
MV_Schw	C	7023	626	11		1
MV_Schw	A	7024	43	1		1
MV_Schw	A	7025	72	4	0.222002676269896	
MV_Schw	A	7026	39	2	0.560243889454362	
MV_Schw	A	7027	184	5		1
MV_Schw	A	7028	56	1		1
MV_Schw	G	7029	393	14	0.197110025094196	
MV_Schw	G	7030	136	3		1
MV_Schw	G	7031	31	1		1
MV_Schw	A	7032	43	0		1
MV_Schw	G	7033	360	7		1
MV_Schw	A	7034	81	3	0.88950624150852	
MV_Schw	A	7035	29	3	0.0435098404838992	
MV_Schw	C	7036	180	3		1
MV_Schw	A	7037	14	0		1
MV_Schw	A	7038	37	0		1
MV_Schw	G	7039	248	7	0.939506000333287	
MV_Schw	T	7040	74	1		1
MV_Schw	T	7041	56	0	0.950262622850522	
MV_Schw	G	7042	60	3	0.550155392537109	
MV_Schw	G	7043	50	3	0.42458526175556	
MV_Schw	T	7044	16	0		1
MV_Schw	A	7045	12	0		1
MV_Schw	T	7046	25	1	0.704667204683568	
MV_Schw	G	7047	333	3	0.562679696554225	
MV_Schw	T	7048	43	1	0.950262622850522	
MV_Schw	C	7049	289	7		1
MV_Schw	A	7050	45	0		1
MV_Schw	A	7051	19	0		1
MV_Schw	G	7052	79	1		1
MV_Schw	A	7053	70	4	0.206412498777864	
MV_Schw	C	7054	81	2		1

MV_Schw	C	7055	151	5	0.60889328543512
MV_Schw	A	7056	8	0	1
MV_Schw	G	7057	116	4	0.795434284511944
MV_Schw	G	7058	47	1	1
MV_Schw	C	7059	54	4	0.094193442838711
MV_Schw	C	7060	25	2	0.314611398059001
MV_Schw	T	7061	25	0	1
MV_Schw	A	7062	37	0	1
MV_Schw	A	7063	6	0	1
MV_Schw	A	7064	33	0	1
MV_Schw	G	7065	221	1	0.356200658338914
MV_Schw	C	7066	47	1	1
MV_Schw	C	7067	56	2	0.968890372475178
MV_Schw	T	7068	23	1	1
MV_Schw	G	7069	99	2	1
MV_Schw	A	7070	72	0	0.791667533131283
MV_Schw	T	7071	31	1	0.791667533131283
MV_Schw	C	7072	29	1	1
MV_Schw	T	7073	8	0	1
MV_Schw	T	7074	56	1	1
MV_Schw	A	7075	39	1	0.9314909603024
MV_Schw	C	7076	421	12	0.694191831923892
MV_Schw	G	7077	99	1	0.944879389258477
MV_Schw	G	7078	494	6	0.567337219713728
MV_Schw	G	7079	12	1	0.88950624150852
MV_Schw	A	7080	2	1	0.0802641948298692
MV_Schw	A	7081	10	1	0.822598489333375
MV_Schw	C	7082	27	1	1
MV_Schw	A	7083	8	1	0.789229943133706
MV_Schw	T	7084	74	1	1
MV_Schw	C	7085	112	4	0.648224297390367
MV_Schw	A	7086	23	1	1
MV_Schw	A	7087	2	1	0.491835918445353
MV_Schw	A	7088	0	1	0.307480793677112
MV_Schw	A	7089	45	1	1
MV_Schw	T	7090	17	0	1

MV_Schw	C	7091	33	0		1
MV_Schw	C	7092	37	1		1
MV_Schw	T	7093	8	0		1
MV_Schw	A	7094	39	0		1
MV_Schw	T	7095	45	0		1
MV_Schw	G	7096	56	1		1
MV_Schw	T	7097	8	0		1
MV_Schw	A	7098	0	1	0.307480793677112	
MV_Schw	A	7099	4	0		1
MV_Schw	G	7100	114	2		1
MV_Schw	G	7101	128	1	0.658415249679101	
MV_Schw	T	7102	21	0		1
MV_Schw	C	7103	37	0		1
MV_Schw	G	7104	91	1		1
MV_Schw	C	7105	422	7		1
MV_Schw	T	7106	182	2	0.946416176064202	
MV_Schw	C	7107	382	1	0.00375124519292723	
MV_Schw	T	7108	47	2	0.678058690427187	
MV_Schw	G	7109	39	1	0.9314909603024	
MV_Schw	A	7110	50	3	0.199842243730937	
MV_Schw	T	7111	122	2		1
MV_Schw	C	7112	47	0		1
MV_Schw	C	7113	39	1		1
MV_Schw	T	7114	2	0		1
MV_Schw	C	7115	109	1	0.947544583923452	
MV_Schw	T	7116	33	3	0.197209929577240	
MV_Schw	A	7117	19	0		1
MV_Schw	C	7118	269	4		1
MV_Schw	A	7119	2	0		1
MV_Schw	NA	7120	0	0		NA
MV_Schw	C	7121	31	0		1
MV_Schw	T	7122	12	0		1
MV_Schw	C	7123	54	2	0.789229943133706	
MV_Schw	T	7124	43	1	0.950262622850522	
MV_Schw	T	7125	16	1	0.950262622850522	
MV_Schw	G	7126	109	3	0.950262622850522	

MV_Schw	A	7127	14	1	0.944879389258477
MV_Schw	A	7128	39	2	0.560243889454362
MV_Schw	A	7129	0	0	1
MV_Schw	C	7130	107	2	1
MV_Schw	A	7131	8	0	1
MV_Schw	C	7132	47	1	1
MV_Schw	A	7133	56	2	0.968890372475178
MV_Schw	A	7134	39	0	1
MV_Schw	A	7135	47	1	1
MV_Schw	T	7136	37	1	1
MV_Schw	G	7137	39	1	0.9314909603024
MV_Schw	T	7138	8	0	1
MV_Schw	C	7139	58	1	1
MV_Schw	C	7140	324	7	1
MV_Schw	C	7141	498	1	0.00101808195727547
MV_Schw	A	7142	31	1	1
MV_Schw	C	7143	331	5	1
MV_Schw	A	7144	19	0	1
MV_Schw	A	7145	29	1	0.789229943133706
MV_Schw	G	7146	182	5	1
MV_Schw	T	7147	14	0	1
MV_Schw	C	7148	269	3	0.944879389258477
MV_Schw	T	7149	8	0	1
MV_Schw	C	7150	107	2	1
MV_Schw	C	7151	295	5	1
MV_Schw	T	7152	25	1	0.704667204683568
MV_Schw	C	7153	143	0	0.161503851613234
MV_Schw	T	7154	76	1	1
MV_Schw	T	7155	81	2	1
MV_Schw	C	7156	223	7	0.788293646497135
MV_Schw	G	7157	452	6	0.715462436038866
MV_Schw	T	7158	27	0	1
MV_Schw	C	7159	262	1	0.181354408412572
MV_Schw	A	7160	76	0	0.638894311640422
MV_Schw	T	7161	25	1	1
MV_Schw	C	7162	180	0	0.090192830807046

MV_Schw	A	7163	83	1		1
MV_Schw	A	7164	128	1		1
MV_Schw	G	7165	60	1		1
MV_Schw	C	7166	200	5	0.953489044526869	
MV_Schw	A	7167	68	5	0.0767999036069378	
MV_Schw	A	7168	0	0		1
MV_Schw	C	7169	68	3	0.378469870290234	
MV_Schw	C	7170	81	1		1
MV_Schw	A	7171	35	1	0.863499923807603	
MV_Schw	C	7172	188	5		1
MV_Schw	C	7173	110	1		1
MV_Schw	G	7174	68	1		1
MV_Schw	C	7175	176	1	0.648224297390367	
MV_Schw	A	7176	41	1	0.945767847051808	
MV_Schw	C	7177	95	3		1
MV_Schw	C	7178	271	2	0.355607115956135	
MV_Schw	C	7179	126	0	0.305061614162072	
MV_Schw	A	7180	29	1		1
MV_Schw	G	7181	126	0	0.305061614162072	
MV_Schw	C	7182	141	1	0.989441011726102	
MV_Schw	A	7183	109	0	0.381672248067152	
MV_Schw	T	7184	41	0		1
MV_Schw	C	7185	83	0	0.645428736569362	
MV_Schw	A	7186	72	0	0.791667533131283	
MV_Schw	A	7187	48	2	0.709032941865358	
MV_Schw	G	7188	244	2	0.528591092326266	
MV_Schw	C	7189	455	9		1
MV_Schw	C	7190	21	0		1
MV_Schw	C	7191	33	0		1
MV_Schw	A	7192	50	1		1
MV_Schw	C	7193	244	4		1
MV_Schw	C	7194	70	1		1
MV_Schw	T	7195	35	0		1
MV_Schw	G	7196	124	1		1
MV_Schw	A	7197	72	0	0.791667533131283	
MV_Schw	A	7198	97	3		1

MV_Schw	A	7199	184	0	0.060993248324147
MV_Schw	T	7200	103	1	1
MV_Schw	T	7201	10	0	1
MV_Schw	A	7202	33	1	1
MV_Schw	T	7203	64	1	1
MV_Schw	C	7204	300	2	0.239446226094413
MV_Schw	T	7205	45	1	1
MV_Schw	C	7206	109	3	1
MV_Schw	C	7207	60	1	1
MV_Schw	G	7208	116	1	1
MV_Schw	G	7209	70	0	0.789229943133706
MV_Schw	C	7210	312	6	1
MV_Schw	T	7211	23	0	1
MV_Schw	T	7212	14	0	1
MV_Schw	C	7213	23	2	0.296710762771661
MV_Schw	C	7214	103	3	1
MV_Schw	C	7215	70	0	0.789229943133706
MV_Schw	T	7216	4	0	1
MV_Schw	C	7217	17	0	1
MV_Schw	T	7218	19	0	1
MV_Schw	G	7219	37	0	1
MV_Schw	G	7220	52	0	0.950262622850522
MV_Schw	C	7221	105	1	0.944944073306986
MV_Schw	C	7222	37	1	1
MV_Schw	G	7223	126	0	0.305061614162072
MV_Schw	A	7224	17	0	1
MV_Schw	A	7225	48	1	1
MV_Schw	C	7226	89	0	0.497615650989996
MV_Schw	A	7227	6	0	1
MV_Schw	A	7228	2	0	1
MV_Schw	T	7229	10	0	1
MV_Schw	A	7230	41	1	1
MV_Schw	T	7231	21	1	0.632968068765344
MV_Schw	C	7232	27	1	1
MV_Schw	G	7233	91	4	0.5275876261426
MV_Schw	G	7234	70	3	0.819327818667335

MV_Schw	T	7235	14	1	0.944879389258477
MV_Schw	A	7236	56	1	1
MV_Schw	G	7237	72	3	0.822598489333375
MV_Schw	T	7238	4	0	1
MV_Schw	T	7239	4	0	1
MV_Schw	A	7240	27	1	1
MV_Schw	A	7241	56	1	1
MV_Schw	T	7242	81	0	0.641186461810141
MV_Schw	C	7243	174	1	0.648224297390367
MV_Schw	A	7244	52	1	1
MV_Schw	A	7245	4	0	1
MV_Schw	A	7246	21	0	1
MV_Schw	A	7247	17	1	0.528591092326266
MV_Schw	C	7248	83	0	0.645428736569362
MV_Schw	T	7249	10	0	1
MV_Schw	T	7250	8	0	1
MV_Schw	A	7251	29	2	0.389821719583598
MV_Schw	G	7252	10	0	1
MV_Schw	G	7253	8	0	1
MV_Schw	G	7254	27	0	1
MV_Schw	T	7255	25	0	1
MV_Schw	G	7256	318	3	0.649372270546162
MV_Schw	C	7257	161	1	0.440157375549872
MV_Schw	A	7258	50	0	0.950262622850522
MV_Schw	A	7259	583	5	0.139295079777658
MV_Schw	G	7260	136	1	0.667619064364632
MV_Schw	A	7261	136	1	0.983041048229953
MV_Schw	T	7262	8	0	1
MV_Schw	C	7263	99	1	0.944879389258477
MV_Schw	A	7264	171	1	0.789229943133706
MV_Schw	T	7265	31	0	1
MV_Schw	C	7266	359	7	1
MV_Schw	C	7267	446	5	0.618143728331124
MV_Schw	A	7268	6	0	1
MV_Schw	C	7269	35	0	1
MV_Schw	A	7270	29	1	0.789229943133706

MV_Schw	A	7271	12	0		1
MV_Schw	T	7272	97	2		1
MV_Schw	G	7273	87	5	0.0828028839836376	
MV_Schw	T	7274	10	0		1
MV_Schw	C	7275	37	1		1
MV_Schw	A	7276	48	0	0.950262622850522	
MV_Schw	C	7277	287	3	0.499662168427985	
MV_Schw	C	7278	31	1		1
MV_Schw	A	7279	33	0		1
MV_Schw	C	7280	97	3	0.78354985902497	
MV_Schw	A	7281	39	0		1
MV_Schw	A	7282	41	1		1
MV_Schw	C	7283	147	1	0.88950624150852	
MV_Schw	G	7284	35	1	0.863499923807603	
MV_Schw	A	7285	33	0		1
MV_Schw	G	7286	64	5	0.0611551441006359	
MV_Schw	A	7287	25	1	0.704667204683568	
MV_Schw	C	7288	72	2		1
MV_Schw	C	7289	171	1	0.789229943133706	
MV_Schw	G	7290	91	3		1
MV_Schw	G	7291	151	4		1
MV_Schw	A	7292	41	1		1
MV_Schw	T	7293	110	3		1
MV_Schw	A	7294	25	1		1
MV_Schw	A	7295	39	2	0.560243889454362	
MV_Schw	A	7296	43	1		1
MV_Schw	T	7297	48	1		1
MV_Schw	G	7298	198	5	0.951329267517125	
MV_Schw	C	7299	23	1		1
MV_Schw	C	7300	355	6		1
MV_Schw	T	7301	2	0		1
MV_Schw	T	7302	25	1		1
MV_Schw	C	7303	41	1		1
MV_Schw	T	7304	72	2		1
MV_Schw	A	7305	23	0		1
MV_Schw	C	7306	271	7	0.945767847051808	

MV_Schw	A	7307	31	1		1
MV_Schw	A	7308	14	0		1
MV_Schw	A	7309	99	2		1
MV_Schw	G	7310	130	3		1
MV_Schw	A	7311	29	1		1
MV_Schw	T	7312	12	0		1
MV_Schw	A	7313	17	0		1
MV_Schw	A	7314	2	0		1
MV_Schw	C	7315	64	3	0.609091736782917	
MV_Schw	C	7316	33	2	0.463720798159947	
MV_Schw	C	7317	74	1		1
MV_Schw	C	7318	25	0		1
MV_Schw	C	7319	21	0		1
MV_Schw	A	7320	52	1		1
MV_Schw	T	7321	21	0		1
MV_Schw	C	7322	41	0		1
MV_Schw	C	7323	14	1	0.944879389258477	
MV_Schw	C	7324	37	1		1
MV_Schw	A	7325	21	0		1
MV_Schw	A	7326	56	0	0.950262622850522	
MV_Schw	G	7327	114	2		1
MV_Schw	G	7328	21	2	0.258627633593378	
MV_Schw	G	7329	8	1	0.789229943133706	
MV_Schw	A	7330	16	0		1
MV_Schw	A	7331	6	0		1
MV_Schw	G	7332	128	3		1
MV_Schw	T	7333	4	0		1
MV_Schw	A	7334	21	0		1
MV_Schw	G	7335	54	0	0.950262622850522	
MV_Schw	G	7336	114	1	0.789229943133706	
MV_Schw	A	7337	31	1		1
MV_Schw	T	7338	47	0		1
MV_Schw	A	7339	4	0		1
MV_Schw	G	7340	41	0		1
MV_Schw	T	7341	4	0		1
MV_Schw	C	7342	74	0	0.795198078226602	

MV_Schw	A	7343	192	1	0.285482351071617	
MV_Schw	T	7344	14	0		1
MV_Schw	T	7345	27	0		1
MV_Schw	A	7346	21	2	0.258627633593378	
MV_Schw	A	7347	10	0		1
MV_Schw	C	7348	138	2		1
MV_Schw	A	7349	58	1		1
MV_Schw	G	7350	97	1	0.944879389258477	
MV_Schw	A	7351	43	1		1
MV_Schw	G	7352	93	2		1
MV_Schw	A	7353	6	2	0.0328674635647276	
MV_Schw	A	7354	6	0		1
MV_Schw	C	7355	101	3		1
MV_Schw	A	7356	12	1	0.88950624150852	
MV_Schw	T	7357	8	0		1
MV_Schw	C	7358	58	1		1
MV_Schw	T	7359	41	1	0.945767847051808	
MV_Schw	T	7360	21	1		1
MV_Schw	A	7361	12	1	0.88950624150852	
MV_Schw	T	7362	45	1		1
MV_Schw	G	7363	145	7	0.200033126993844	
MV_Schw	A	7364	21	1	0.632968068765344	
MV_Schw	T	7365	17	1	0.983041048229953	
MV_Schw	T	7366	27	1	0.752394317790241	
MV_Schw	G	7367	140	4		1
MV_Schw	A	7368	16	0		1
MV_Schw	T	7369	141	6	0.298485329352986	
MV_Schw	A	7370	116	2		1
MV_Schw	G	7371	29	1		1
MV_Schw	A	7372	16	0		1
MV_Schw	C	7373	33	2	0.463720798159947	
MV_Schw	C	7374	124	5	0.52558001665221	
MV_Schw	T	7375	10	0		1
MV_Schw	T	7376	12	0		1
MV_Schw	A	7377	33	0		1
MV_Schw	T	7378	33	1		1

MV_Schw	G	7379	262	7	0.819327818667335	
MV_Schw	T	7380	25	0		1
MV_Schw	T	7381	23	1		1
MV_Schw	T	7382	37	0		1
MV_Schw	T	7383	89	1		1
MV_Schw	G	7384	186	3		1
MV_Schw	C	7385	479	11		1
MV_Schw	T	7386	70	2		1
MV_Schw	G	7387	70	1		1
MV_Schw	G	7388	17	0		1
MV_Schw	C	7389	52	0	0.950262622850522	
MV_Schw	T	7390	41	1	0.945767847051808	
MV_Schw	G	7391	126	1		1
MV_Schw	T	7392	16	0		1
MV_Schw	T	7393	35	0		1
MV_Schw	C	7394	31	1	0.791667533131283	
MV_Schw	T	7395	70	1		1
MV_Schw	G	7396	180	0	0.090192830807046	
MV_Schw	T	7397	10	1	0.822598489333375	
MV_Schw	T	7398	60	2	0.983041048229953	
MV_Schw	T	7399	35	0		1
MV_Schw	G	7400	95	1		1
MV_Schw	T	7401	6	0		1
MV_Schw	C	7402	112	1	0.789229943133706	
MV_Schw	A	7403	48	1		1
MV_Schw	T	7404	25	1	0.704667204683568	
MV_Schw	G	7405	76	1		1
MV_Schw	T	7406	10	0		1
MV_Schw	T	7407	21	1		1
MV_Schw	T	7408	16	0		1
MV_Schw	C	7409	250	3	0.789229943133706	
MV_Schw	T	7410	41	0		1
MV_Schw	G	7411	223	6	0.981946864240757	
MV_Schw	A	7412	17	0		1
MV_Schw	G	7413	308	4	0.863499923807603	
MV_Schw	C	7414	54	1		1

MV_Schw	T	7415	4	0		1
MV_Schw	T	7416	43	1		1
MV_Schw	G	7417	140	1	0.986363032184908	
MV_Schw	A	7418	95	0	0.499662168427985	
MV_Schw	T	7419	128	3		1
MV_Schw	C	7420	233	4		1
MV_Schw	G	7421	83	2		1
MV_Schw	G	7422	97	1		1
MV_Schw	G	7423	236	4		1
MV_Schw	T	7424	130	3		1
MV_Schw	T	7425	16	0		1
MV_Schw	G	7426	234	1	0.296710762771661	
MV_Schw	C	7427	79	1		1
MV_Schw	T	7428	70	1		1
MV_Schw	A	7429	163	3		1
MV_Schw	G	7430	225	5		1
MV_Schw	C	7431	43	0		1
MV_Schw	C	7432	16	1	0.950262622850522	
MV_Schw	A	7433	70	2		1
MV_Schw	T	7434	8	0		1
MV_Schw	T	7435	52	0	0.950262622850522	
MV_Schw	G	7436	58	0	0.953489044526869	
MV_Schw	C	7437	388	8		1
MV_Schw	A	7438	37	1		1
MV_Schw	G	7439	85	0	0.648224297390367	
MV_Schw	G	7440	50	0	0.950262622850522	
MV_Schw	C	7441	35	1		1
MV_Schw	A	7442	50	2	0.746970975838775	
MV_Schw	T	7443	52	1		1
MV_Schw	T	7444	62	0	0.789229943133706	
MV_Schw	A	7445	16	1	0.950262622850522	
MV_Schw	G	7446	120	0	0.297586725038221	
MV_Schw	A	7447	29	1		1
MV_Schw	C	7448	225	2	0.632968068765344	
MV_Schw	T	7449	12	1	0.88950624150852	
MV_Schw	T	7450	14	1	0.944879389258477	

MV_Schw	C	7451	97	1		1
MV_Schw	A	7452	54	1		1
MV_Schw	T	7453	112	2		1
MV_Schw	C	7454	428	9		1
MV_Schw	G	7455	128	3		1
MV_Schw	G	7456	81	3	0.88950624150852	
MV_Schw	G	7457	39	1	0.9314909603024	
MV_Schw	C	7458	667	10	0.789229943133706	
MV_Schw	A	7459	50	2	0.746970975838775	
MV_Schw	G	7460	205	7	0.619556855087002	
MV_Schw	C	7461	19	1		1
MV_Schw	C	7462	99	4	0.560243889454362	
MV_Schw	A	7463	48	0	0.950262622850522	
MV_Schw	T	7464	33	1	0.822598489333375	
MV_Schw	C	7465	107	3		1
MV_Schw	T	7466	21	0		1
MV_Schw	A	7467	52	0	0.950262622850522	
MV_Schw	C	7468	134	2		1
MV_Schw	A	7469	50	0	0.950262622850522	
MV_Schw	C	7470	64	1		1
MV_Schw	C	7471	217	7	0.770363429662708	
MV_Schw	G	7472	39	1	0.9314909603024	
MV_Schw	C	7473	463	8		1
MV_Schw	A	7474	39	1		1
MV_Schw	G	7475	529	9		1
MV_Schw	A	7476	6	0		1
MV_Schw	G	7477	27	0		1
MV_Schw	A	7478	6	0		1
MV_Schw	T	7479	16	0		1
MV_Schw	C	7480	35	0		1
MV_Schw	C	7481	25	0		1
MV_Schw	A	7482	110	3		1
MV_Schw	T	7483	39	0		1
MV_Schw	A	7484	165	3		1
MV_Schw	A	7485	25	2	0.314611398059001	
MV_Schw	A	7486	29	1		1

MV_Schw	A	7487	27	0		1
MV_Schw	G	7488	341	6		1
MV_Schw	C	7489	31	0		1
MV_Schw	C	7490	331	6		1
MV_Schw	T	7491	29	0		1
MV_Schw	C	7492	105	1		1
MV_Schw	A	7493	54	1		1
MV_Schw	G	7494	45	1		1
MV_Schw	C	7495	388	2	0.052500020365831	1
MV_Schw	A	7496	33	0		1
MV_Schw	C	7497	41	0		1
MV_Schw	C	7498	12	0		1
MV_Schw	A	7499	35	0		1
MV_Schw	A	7500	25	0		1
MV_Schw	T	7501	70	1		1
MV_Schw	C	7502	52	0	0.950262622850522	1
MV_Schw	T	7503	4	0		1
MV_Schw	A	7504	4	0		1
MV_Schw	G	7505	79	1		1
MV_Schw	A	7506	23	1		1
MV_Schw	T	7507	2	0		1
MV_Schw	G	7508	14	0		1
MV_Schw	T	7509	2	0		1
MV_Schw	A	7510	17	0		1
MV_Schw	A	7511	8	1	0.789229943133706	1
MV_Schw	C	7512	151	3		1
MV_Schw	NA	7513	0	0		NA
MV_Schw	A	7514	4	0		1
MV_Schw	A	7515	62	1		1
MV_Schw	C	7516	112	1	0.789229943133706	1
MV_Schw	NA	7517	0	0		NA
MV_Schw	C	7518	31	0		1
MV_Schw	A	7519	8	0		1
MV_Schw	A	7520	35	0		1
MV_Schw	T	7521	23	0		1
MV_Schw	C	7522	93	1		1

MV_Schw	G	7523	19	0		1
MV_Schw	NA	7524	0	0		NA
MV_Schw	G	7525	89	5	0.090192830807046	
MV_Schw	C	7526	256	10	0.201986157592846	
MV_Schw	A	7527	50	0	0.950262622850522	
MV_Schw	T	7528	31	0		1
MV_Schw	C	7529	35	0		1
MV_Schw	A	7530	45	0		1
MV_Schw	G	7531	47	1		1
MV_Schw	G	7532	163	1	0.785635770321324	
MV_Schw	T	7533	48	1		1
MV_Schw	C	7534	370	3	0.196555254910230	
MV_Schw	A	7535	21	0		1
MV_Schw	A	7536	85	1		1
MV_Schw	G	7537	287	6		1
MV_Schw	G	7538	198	4		1
MV_Schw	A	7539	10	0		1
MV_Schw	C	7540	128	1	0.658415249679101	
MV_Schw	G	7541	107	1		1
MV_Schw	T	7542	99	3		1
MV_Schw	G	7543	440	7	0.950262622850522	
MV_Schw	C	7544	285	4		1
MV_Schw	T	7545	109	1	0.947544583923452	
MV_Schw	G	7546	153	4		1
MV_Schw	A	7547	83	1		1
MV_Schw	C	7548	380	7		1
MV_Schw	A	7549	17	1	0.983041048229953	
MV_Schw	C	7550	79	3	0.658415249679101	
MV_Schw	C	7551	81	1		1
MV_Schw	A	7552	8	1	0.258627633593378	
MV_Schw	C	7553	41	0		1
MV_Schw	T	7554	12	0		1
MV_Schw	C	7555	50	0	0.950262622850522	
MV_Schw	T	7556	27	0		1
MV_Schw	T	7557	14	1	0.944879389258477	
MV_Schw	C	7558	72	1		1

MV_Schw	A	7559	35	1	0.863499923807603
MV_Schw	A	7560	27	1	1
MV_Schw	A	7561	47	5	0.0168325917140815
MV_Schw	A	7562	17	1	0.983041048229953
MV_Schw	T	7563	54	3	0.480219983992261
MV_Schw	C	7564	29	1	1
MV_Schw	A	7565	48	1	1
MV_Schw	T	7566	78	1	1
MV_Schw	C	7567	141	1	0.989441011726102
MV_Schw	G	7568	41	3	0.114736910412178
MV_Schw	G	7569	27	1	1
MV_Schw	T	7570	10	0	1
MV_Schw	G	7571	99	3	0.789229943133706
MV_Schw	A	7572	41	2	0.599534349993353
MV_Schw	T	7573	19	1	1
MV_Schw	G	7574	33	1	1
MV_Schw	A	7575	25	1	1
MV_Schw	A	7576	23	1	1
MV_Schw	G	7577	215	7	0.499662168427985
MV_Schw	T	7578	29	0	1
MV_Schw	G	7579	37	1	0.88950624150852
MV_Schw	G	7580	54	3	0.480219983992261
MV_Schw	G	7581	136	1	0.667619064364632
MV_Schw	C	7582	178	5	0.804012574266476
MV_Schw	C	7583	109	0	0.381672248067152
MV_Schw	T	7584	43	1	1
MV_Schw	G	7585	109	1	1
MV_Schw	A	7586	47	0	1
MV_Schw	G	7587	659	12	1
MV_Schw	G	7588	149	2	1
MV_Schw	A	7589	10	0	1
MV_Schw	C	7590	25	1	1
MV_Schw	A	7591	12	0	1
MV_Schw	C	7592	19	0	1
MV_Schw	C	7593	97	1	1
MV_Schw	T	7594	10	0	1

MV_Schw	C	7595	101	0	0.51781700540984	
MV_Schw	A	7596	17	0		1
MV_Schw	G	7597	277	1	0.1394444451992631	
MV_Schw	A	7598	19	0		1
MV_Schw	G	7599	105	1	0.944944073306986	
MV_Schw	A	7600	6	0		1
MV_Schw	T	7601	4	0		1
MV_Schw	T	7602	8	0		1
MV_Schw	C	7603	97	1		1
MV_Schw	A	7604	31	0		1
MV_Schw	C	7605	167	1	0.788293646497135	
MV_Schw	T	7606	19	0		1
MV_Schw	G	7607	39	1		1
MV_Schw	A	7608	4	0		1
MV_Schw	C	7609	10	0		1
MV_Schw	C	7610	12	0		1
MV_Schw	T	7611	6	0		1
MV_Schw	A	7612	6	0		1
MV_Schw	G	7613	74	0	0.795198078226602	
MV_Schw	T	7614	6	0		1
MV_Schw	G	7615	74	0	0.795198078226602	
MV_Schw	A	7616	4	0		1
MV_Schw	A	7617	37	1		1
MV_Schw	A	7618	50	0	0.950262622850522	
MV_Schw	T	7619	78	1		1
MV_Schw	T	7620	21	0		1
MV_Schw	A	7621	4	0		1
MV_Schw	A	7622	14	1	0.944879389258477	
MV_Schw	T	7623	21	0		1
MV_Schw	C	7624	74	1		1
MV_Schw	T	7625	2	0		1
MV_Schw	C	7626	8	0		1
MV_Schw	T	7627	19	0		1
MV_Schw	G	7628	41	0		1
MV_Schw	A	7629	8	0		1
MV_Schw	C	7630	43	0		1

MV_Schw	NA	7631	0	0	NA
MV_Schw	A	7632	2	0	1
MV_Schw	G	7633	19	1	1
MV_Schw	A	7634	14	0	1
MV_Schw	T	7635	16	0	1
MV_Schw	T	7636	2	0	1
MV_Schw	A	7637	17	1	0.983041048229953
MV_Schw	A	7638	12	0	1
MV_Schw	A	7639	16	0	1
MV_Schw	T	7640	52	1	1
MV_Schw	T	7641	2	0	1
MV_Schw	C	7642	99	2	1
MV_Schw	C	7643	76	0	0.638894311640422
MV_Schw	T	7644	2	0	1
MV_Schw	T	7645	14	1	0.944879389258477
MV_Schw	A	7646	4	0	1
MV_Schw	A	7647	16	0	1
MV_Schw	T	7648	19	0	1
MV_Schw	C	7649	21	1	1
MV_Schw	C	7650	140	0	0.230921379149447
MV_Schw	G	7651	27	0	1
MV_Schw	G	7652	118	7	0.0609203493175034
MV_Schw	A	7653	85	3	0.918952129071198
MV_Schw	T	7654	47	1	1
MV_Schw	A	7655	16	0	1
MV_Schw	G	7656	74	0	0.795198078226602
MV_Schw	G	7657	21	1	1
MV_Schw	G	7658	12	0	1
MV_Schw	A	7659	10	1	0.822598489333375
MV_Schw	G	7660	105	1	0.944944073306986
MV_Schw	T	7661	83	0	0.645428736569362
MV_Schw	A	7662	47	0	1
MV_Schw	C	7663	328	4	0.789229943133706
MV_Schw	G	7664	33	0	1
MV_Schw	A	7665	12	0	1
MV_Schw	C	7666	97	2	1

MV_Schw	T	7667	37	1		1
MV_Schw	T	7668	12	0		1
MV_Schw	C	7669	155	2		1
MV_Schw	A	7670	50	1		1
MV_Schw	G	7671	157	1	0.88950624150852	
MV_Schw	A	7672	16	0		1
MV_Schw	G	7673	83	1		1
MV_Schw	A	7674	8	0		1
MV_Schw	T	7675	29	0		1
MV_Schw	C	7676	85	0	0.648224297390367	
MV_Schw	T	7677	4	0		1
MV_Schw	C	7678	60	0	0.957721317456694	
MV_Schw	A	7679	52	1		1
MV_Schw	C	7680	211	1	0.445919862395878	
MV_Schw	T	7681	23	1	0.658415249679101	
MV_Schw	T	7682	8	0		1
MV_Schw	G	7683	58	1		1
MV_Schw	G	7684	8	1	0.789229943133706	
MV_Schw	T	7685	6	0		1
MV_Schw	G	7686	143	3		1
MV_Schw	T	7687	60	1		1
MV_Schw	A	7688	14	1	0.944879389258477	
MV_Schw	T	7689	8	0		1
MV_Schw	C	7690	76	2		1
MV_Schw	A	7691	21	0		1
MV_Schw	A	7692	6	0		1
MV_Schw	C	7693	68	1		1
MV_Schw	C	7694	219	5		1
MV_Schw	C	7695	58	2	0.98139756833885	
MV_Schw	G	7696	114	3	0.953489044526869	
MV_Schw	C	7697	81	3	0.88950624150852	
MV_Schw	C	7698	109	1		1
MV_Schw	A	7699	29	1		1
MV_Schw	G	7700	138	4	0.997314673407775	
MV_Schw	A	7701	116	2		1
MV_Schw	G	7702	16	0		1

MV_Schw	A	7703	10	1	0.822598489333375	
MV_Schw	G	7704	29	0		1
MV_Schw	A	7705	14	0		1
MV_Schw	A	7706	149	1	0.88950624150852	
MV_Schw	T	7707	19	1		1
MV_Schw	C	7708	12	0		1
MV_Schw	A	7709	27	0		1
MV_Schw	A	7710	4	0		1
MV_Schw	A	7711	39	2	0.560243889454362	
MV_Schw	T	7712	37	1		1
MV_Schw	T	7713	25	1		1
MV_Schw	G	7714	39	1	0.9314909603024	
MV_Schw	G	7715	10	0		1
MV_Schw	A	7716	54	2	0.789229943133706	
MV_Schw	T	7717	39	1	0.9314909603024	
MV_Schw	T	7718	4	1	0.619556855087002	
MV_Schw	A	7719	4	0		1
MV_Schw	T	7720	0	0		1
MV_Schw	G	7721	122	1		1
MV_Schw	A	7722	87	3	0.935220820395243	
MV_Schw	T	7723	27	1	0.752394317790241	
MV_Schw	C	7724	76	1		1
MV_Schw	A	7725	17	0		1
MV_Schw	A	7726	14	0		1
MV_Schw	T	7727	4	0		1
MV_Schw	A	7728	14	0		1
MV_Schw	C	7729	12	1	0.88950624150852	
MV_Schw	T	7730	4	0		1
MV_Schw	G	7731	37	0		1
MV_Schw	T	7732	149	1	0.88950624150852	
MV_Schw	G	7733	161	1	0.440157375549872	
MV_Schw	C	7734	128	1	0.658415249679101	
MV_Schw	A	7735	10	0		1
MV_Schw	G	7736	41	2	0.599534349993353	
MV_Schw	A	7737	14	0		1
MV_Schw	T	7738	68	1		1

MV_Schw	G	7739	47	1		1
MV_Schw	T	7740	41	1		1
MV_Schw	G	7741	87	1		1
MV_Schw	G	7742	21	1		1
MV_Schw	C	7743	200	6	0.834614336236472	
MV_Schw	T	7744	41	1		1
MV_Schw	G	7745	140	1	0.986363032184908	
MV_Schw	C	7746	110	1	0.789229943133706	
MV_Schw	T	7747	149	1	0.88950624150852	
MV_Schw	G	7748	143	3		1
MV_Schw	A	7749	85	0	0.648224297390367	
MV_Schw	A	7750	35	0		1
MV_Schw	G	7751	124	3		1
MV_Schw	A	7752	31	1	0.791667533131283	
MV_Schw	G	7753	62	1		1
MV_Schw	C	7754	188	1	0.542247232322076	
MV_Schw	T	7755	14	0		1
MV_Schw	C	7756	448	8		1
MV_Schw	A	7757	12	0		1
MV_Schw	T	7758	87	0	0.653463094391213	
MV_Schw	G	7759	19	1		1
MV_Schw	A	7760	23	3	0.0223014517289088	
MV_Schw	A	7761	14	1	0.944879389258477	
MV_Schw	T	7762	17	0		1
MV_Schw	G	7763	60	0	0.957721317456694	
MV_Schw	C	7764	23	0		1
MV_Schw	A	7765	25	1	0.704667204683568	
MV_Schw	T	7766	12	0		1
MV_Schw	T	7767	25	0		1
MV_Schw	G	7768	149	2		1
MV_Schw	G	7769	186	3		1
MV_Schw	T	7770	10	0		1
MV_Schw	G	7771	101	1		1
MV_Schw	A	7772	6	0		1
MV_Schw	A	7773	33	0		1
MV_Schw	C	7774	370	8		1

MV_Schw	T	7775	4	0		1
MV_Schw	C	7776	54	1		1
MV_Schw	A	7777	14	0		1
MV_Schw	A	7778	8	0		1
MV_Schw	C	7779	151	3		1
MV_Schw	T	7780	6	0		1
MV_Schw	C	7781	29	1		1
MV_Schw	T	7782	4	0		1
MV_Schw	A	7783	8	0		1
MV_Schw	C	7784	167	2		1
MV_Schw	T	7785	14	0		1
MV_Schw	G	7786	85	0	0.648224297390367	
MV_Schw	G	7787	10	0		1
MV_Schw	A	7788	4	0		1
MV_Schw	G	7789	122	1		1
MV_Schw	A	7790	21	0		1
MV_Schw	C	7791	70	0	0.789229943133706	
MV_Schw	C	7792	21	1		1
MV_Schw	A	7793	48	1		1
MV_Schw	G	7794	314	3	0.648224297390367	
MV_Schw	A	7795	25	1		1
MV_Schw	A	7796	45	2	0.65158773158174	
MV_Schw	C	7797	172	1	0.789229943133706	
MV_Schw	A	7798	31	1		1
MV_Schw	A	7799	4	0		1
MV_Schw	C	7800	85	1		1
MV_Schw	C	7801	79	1		1
MV_Schw	A	7802	23	1		1
MV_Schw	A	7803	107	1	0.945767847051808	
MV_Schw	T	7804	52	1		1
MV_Schw	C	7805	25	0		1
MV_Schw	A	7806	14	1	0.944879389258477	
MV_Schw	G	7807	72	0	0.791667533131283	
MV_Schw	T	7808	6	1	0.704667204683568	
MV_Schw	T	7809	31	0		1
MV_Schw	C	7810	64	1		1

MV_Schw	C	7811	45	1		1
MV_Schw	T	7812	16	1	0.483965165529824	
MV_Schw	A	7813	41	1		1
MV_Schw	G	7814	110	1		1
MV_Schw	C	7815	64	2		1
MV_Schw	T	7816	14	0		1
MV_Schw	G	7817	27	1		1
MV_Schw	T	7818	4	0		1
MV_Schw	C	7819	273	3	0.944879389258477	
MV_Schw	T	7820	4	0		1
MV_Schw	C	7821	74	1		1
MV_Schw	A	7822	10	0		1
MV_Schw	A	7823	37	1	0.88950624150852	
MV_Schw	A	7824	74	0	0.795198078226602	
MV_Schw	G	7825	320	3	0.346363438943306	
MV_Schw	G	7826	151	1	0.553693656798976	
MV_Schw	G	7827	64	2		1
MV_Schw	A	7828	19	0		1
MV_Schw	A	7829	31	0		1
MV_Schw	A	7830	8	1	0.258627633593378	
MV_Schw	C	7831	126	2		1
MV_Schw	T	7832	21	1		1
MV_Schw	G	7833	37	1		1
MV_Schw	C	7834	285	4		1
MV_Schw	T	7835	93	2		1
MV_Schw	C	7836	140	3		1
MV_Schw	A	7837	37	1		1
MV_Schw	G	7838	83	4	0.311085536765447	
MV_Schw	G	7839	45	1		1
MV_Schw	G	7840	141	4		1
MV_Schw	C	7841	91	3		1
MV_Schw	C	7842	31	2	0.428411386231373	
MV_Schw	C	7843	23	1	0.658415249679101	
MV_Schw	A	7844	60	1		1
MV_Schw	C	7845	225	10	0.0975104748468945	
MV_Schw	T	7846	29	1		1

MV_Schw	A	7847	4	0	1
MV_Schw	C	7848	25	0	1
MV_Schw	A	7849	2	0	1
MV_Schw	A	7850	27	5	0.00151580398215566
MV_Schw	T	7851	35	2	0.497615650989996
MV_Schw	C	7852	97	6	0.053691133210959
MV_Schw	A	7853	12	1	0.88950624150852
MV_Schw	G	7854	19	1	1
MV_Schw	A	7855	66	0	0.789229943133706
MV_Schw	G	7856	112	3	1
MV_Schw	G	7857	68	2	1
MV_Schw	T	7858	4	0	1
MV_Schw	C	7859	50	1	1
MV_Schw	A	7860	16	0	1
MV_Schw	A	7861	33	0	1
MV_Schw	T	7862	37	0	1
MV_Schw	T	7863	39	0	1
MV_Schw	C	7864	163	3	1
MV_Schw	T	7865	2	0	1
MV_Schw	C	7866	66	1	1
MV_Schw	A	7867	219	4	1
MV_Schw	A	7868	19	0	1
MV_Schw	A	7869	37	1	1
MV_Schw	C	7870	70	1	1
MV_Schw	A	7871	4	1	0.619556855087002
MV_Schw	T	7872	31	1	1
MV_Schw	G	7873	62	2	0.991517221373143
MV_Schw	T	7874	25	1	0.704667204683568
MV_Schw	C	7875	79	5	0.136235544776219
MV_Schw	G	7876	134	3	1
MV_Schw	C	7877	386	8	1
MV_Schw	T	7878	21	1	1
MV_Schw	G	7879	140	2	1
MV_Schw	T	7880	6	0	1
MV_Schw	C	7881	64	1	1
MV_Schw	C	7882	8	0	1

MV_Schw	C	7883	159	1	0.437783686960654
MV_Schw	T	7884	10	1	0.822598489333375
MV_Schw	G	7885	85	2	1
MV_Schw	T	7886	23	0	1
MV_Schw	T	7887	25	1	1
MV_Schw	A	7888	0	0	1
MV_Schw	G	7889	35	0	1
MV_Schw	A	7890	2	0	1
MV_Schw	C	7891	153	2	1
MV_Schw	T	7892	14	0	1
MV_Schw	T	7893	6	0	1
MV_Schw	G	7894	17	0	1
MV_Schw	T	7895	2	0	1
MV_Schw	A	7896	25	0	1
MV_Schw	T	7897	43	0	1
MV_Schw	T	7898	2	0	1
MV_Schw	T	7899	2	0	1
MV_Schw	A	7900	10	0	1
MV_Schw	G	7901	35	1	1
MV_Schw	G	7902	167	3	1
MV_Schw	T	7903	25	1	1
MV_Schw	C	7904	246	3	0.99714335546853
MV_Schw	G	7905	35	1	0.863499923807603
MV_Schw	A	7906	16	0	1
MV_Schw	G	7907	112	1	0.789229943133706
MV_Schw	G	7908	233	7	0.893476965465588
MV_Schw	T	7909	70	2	1
MV_Schw	T	7910	8	0	1
MV_Schw	A	7911	14	0	1
MV_Schw	C	7912	167	3	1
MV_Schw	A	7913	25	2	0.314611398059001
MV_Schw	A	7914	35	1	1
MV_Schw	T	7915	31	0	1
MV_Schw	G	7916	72	1	1
MV_Schw	T	7917	8	0	1
MV_Schw	G	7918	163	3	1

MV_Schw	T	7919	19	1		1
MV_Schw	C	7920	200	2	0.822598489333375	
MV_Schw	A	7921	33	1		1
MV_Schw	T	7922	79	2		1
MV_Schw	C	7923	29	1		1
MV_Schw	T	7924	43	1		1
MV_Schw	A	7925	21	0		1
MV_Schw	T	7926	14	0		1
MV_Schw	A	7927	41	1	0.945767847051808	
MV_Schw	G	7928	147	3		1
MV_Schw	T	7929	4	0		1
MV_Schw	C	7930	10	0		1
MV_Schw	A	7931	27	0		1
MV_Schw	C	7932	74	1		1
MV_Schw	T	7933	43	0		1
MV_Schw	A	7934	66	0	0.789229943133706	
MV_Schw	T	7935	72	1		1
MV_Schw	G	7936	16	0		1
MV_Schw	NA	7937	0	0		NA
MV_Schw	C	7938	37	1	0.88950624150852	
MV_Schw	A	7939	10	1	0.307480793677112	
MV_Schw	T	7940	14	0		1
MV_Schw	C	7941	48	1		1
MV_Schw	C	7942	54	1		1
MV_Schw	C	7943	110	3		1
MV_Schw	A	7944	120	3		1
MV_Schw	G	7945	428	13	0.619556855087002	
MV_Schw	G	7946	130	3		1
MV_Schw	G	7947	41	2	0.599534349993353	
MV_Schw	A	7948	8	0		1
MV_Schw	A	7949	8	0		1
MV_Schw	T	7950	25	2	0.314611398059001	
MV_Schw	G	7951	72	4	0.222002676269896	
MV_Schw	T	7952	17	0		1
MV_Schw	A	7953	21	0		1
MV_Schw	T	7954	29	1	0.789229943133706	

MV_Schw	G	7955	124	1		1
MV_Schw	G	7956	547	15	0.789229943133706	
MV_Schw	G	7957	217	3		1
MV_Schw	G	7958	116	0	0.296710762771661	
MV_Schw	G	7959	120	4	0.813457243243208	
MV_Schw	A	7960	29	0		1
MV_Schw	A	7961	19	0		1
MV_Schw	C	7962	155	4		1
MV_Schw	T	7963	8	0		1
MV_Schw	T	7964	8	0		1
MV_Schw	A	7965	23	2	0.296710762771661	
MV_Schw	C	7966	79	2		1
MV_Schw	C	7967	25	0		1
MV_Schw	T	7968	10	0		1
MV_Schw	A	7969	8	0		1
MV_Schw	G	7970	66	5	0.0239036682558459	
MV_Schw	T	7971	25	0		1
MV_Schw	G	7972	138	5	0.426789350155389	
MV_Schw	G	7973	184	3		1
MV_Schw	A	7974	27	1		1
MV_Schw	A	7975	12	1	0.88950624150852	
MV_Schw	A	7976	19	0		1
MV_Schw	A	7977	17	2	0.190596323698557	
MV_Schw	G	7978	172	1	0.342651296301386	
MV_Schw	C	7979	79	2		1
MV_Schw	C	7980	83	3	0.897349285586955	
MV_Schw	T	7981	2	0		1
MV_Schw	A	7982	33	0		1
MV_Schw	A	7983	27	1		1
MV_Schw	T	7984	8	1	0.789229943133706	
MV_Schw	C	7985	56	0	0.950262622850522	
MV_Schw	T	7986	41	1	0.945767847051808	
MV_Schw	G	7987	35	1	0.863499923807603	
MV_Schw	A	7988	21	0		1
MV_Schw	G	7989	242	5		1
MV_Schw	C	7990	33	1		1

MV_Schw	A	7991	12	0		1
MV_Schw	G	7992	107	2		1
MV_Schw	C	7993	116	2		1
MV_Schw	A	7994	60	1		1
MV_Schw	A	7995	47	0		1
MV_Schw	A	7996	4	0		1
MV_Schw	A	7997	25	1	0.704667204683568	
MV_Schw	G	7998	35	1		1
MV_Schw	G	7999	178	1	0.648224297390367	
MV_Schw	T	8000	4	0		1
MV_Schw	C	8001	132	2		1
MV_Schw	A	8002	27	0		1
MV_Schw	G	8003	79	3	0.882548734849042	
MV_Schw	A	8004	35	0		1
MV_Schw	G	8005	83	1		1
MV_Schw	T	8006	8	1	0.789229943133706	
MV_Schw	T	8007	16	0		1
MV_Schw	G	8008	211	5		1
MV_Schw	T	8009	103	2		1
MV_Schw	C	8010	188	3		1
MV_Schw	A	8011	41	0		1
MV_Schw	C	8012	145	2		1
MV_Schw	A	8013	19	0		1
MV_Schw	A	8014	10	0		1
MV_Schw	C	8015	66	1		1
MV_Schw	T	8016	118	0	0.296802961873227	
MV_Schw	G	8017	10	0		1
MV_Schw	A	8018	16	0		1
MV_Schw	G	8019	161	3		1
MV_Schw	C	8020	56	1		1
MV_Schw	A	8021	6	0		1
MV_Schw	T	8022	14	0		1
MV_Schw	G	8023	29	1	0.789229943133706	
MV_Schw	T	8024	8	0		1
MV_Schw	A	8025	58	1		1
MV_Schw	C	8026	74	1		1

MV_Schw	C	8027	70	1		1
MV_Schw	G	8028	76	1		1
MV_Schw	A	8029	37	1		1
MV_Schw	G	8030	62	3	0.57780206681461	
MV_Schw	T	8031	14	0		1
MV_Schw	G	8032	347	5	0.897349285586955	
MV_Schw	T	8033	33	1		1
MV_Schw	T	8034	12	1	0.88950624150852	
MV_Schw	T	8035	25	1		1
MV_Schw	G	8036	79	1		1
MV_Schw	A	8037	4	0		1
MV_Schw	A	8038	66	1		1
MV_Schw	G	8039	47	3	0.366637777073510	
MV_Schw	T	8040	4	1	0.619556855087002	
MV_Schw	A	8041	4	0		1
MV_Schw	G	8042	21	1	0.632968068765344	
MV_Schw	G	8043	66	0	0.789229943133706	
MV_Schw	T	8044	4	1	0.136107188572645	
MV_Schw	G	8045	33	1	0.822598489333375	
MV_Schw	T	8046	2	0		1
MV_Schw	T	8047	4	0		1
MV_Schw	A	8048	47	0		1
MV_Schw	T	8049	31	1		1
MV_Schw	C	8050	393	15	0.107602198195001	
MV_Schw	A	8051	37	0		1
MV_Schw	G	8052	60	1		1
MV_Schw	A	8053	4	1	0.619556855087002	
MV_Schw	A	8054	17	0		1
MV_Schw	A	8055	19	1	0.57780206681461	
MV_Schw	T	8056	54	1		1
MV_Schw	C	8057	97	4	0.550155392537109	
MV_Schw	C	8058	64	1		1
MV_Schw	G	8059	200	7	0.595588876895851	
MV_Schw	G	8060	161	1	0.440157375549872	
MV_Schw	G	8061	165	1	0.786994490087255	
MV_Schw	T	8062	19	1	0.57780206681461	

MV_Schw	T	8063	31	0		1
MV_Schw	T	8064	14	1	0.944879389258477	
MV_Schw	G	8065	477	15	0.287207122421622	
MV_Schw	G	8066	151	3		1
MV_Schw	G	8067	242	9	0.253646130769608	
MV_Schw	G	8068	45	1		1
MV_Schw	G	8069	16	0		1
MV_Schw	C	8070	304	13	0.0318151793880359	
MV_Schw	T	8071	39	1		1
MV_Schw	C	8072	140	2		1
MV_Schw	C	8073	215	6	0.88950624150852	
MV_Schw	G	8074	72	1		1
MV_Schw	G	8075	118	1		1
MV_Schw	T	8076	12	0		1
MV_Schw	G	8077	163	7	0.275653222293987	
MV_Schw	T	8078	0	0		1
MV_Schw	T	8079	4	1	0.136107188572645	
MV_Schw	C	8080	43	0		1
MV_Schw	C	8081	105	2		1
MV_Schw	A	8082	14	0		1
MV_Schw	T	8083	16	0		1
MV_Schw	A	8084	8	0		1
MV_Schw	T	8085	37	0		1
MV_Schw	G	8086	31	0		1
MV_Schw	A	8087	4	0		1
MV_Schw	C	8088	58	1		1
MV_Schw	A	8089	33	0		1
MV_Schw	A	8090	14	0		1
MV_Schw	A	8091	16	1	0.950262622850522	
MV_Schw	C	8092	79	1		1
MV_Schw	T	8093	4	0		1
MV_Schw	A	8094	39	0		1
MV_Schw	T	8095	23	1	0.658415249679101	
MV_Schw	C	8096	110	1	0.789229943133706	
MV_Schw	T	8097	10	0		1
MV_Schw	T	8098	39	0		1

MV_Schw	G	8099	68	1		1
MV_Schw	A	8100	19	0		1
MV_Schw	G	8101	62	0	0.789229943133706	
MV_Schw	C	8102	153	2		1
MV_Schw	A	8103	8	0		1
MV_Schw	A	8104	8	0		1
MV_Schw	C	8105	78	5	0.124962268582404	
MV_Schw	C	8106	87	2		1
MV_Schw	A	8107	31	1	0.791667533131283	
MV_Schw	G	8108	126	2		1
MV_Schw	T	8109	21	1		1
MV_Schw	C	8110	66	0	0.789229943133706	
MV_Schw	A	8111	48	0	0.950262622850522	
MV_Schw	G	8112	132	2		1
MV_Schw	T	8113	21	1		1
MV_Schw	A	8114	21	0		1
MV_Schw	A	8115	19	1	0.57780206681461	
MV_Schw	T	8116	25	1		1
MV_Schw	G	8117	39	1		1
MV_Schw	A	8118	33	0		1
MV_Schw	T	8119	29	0		1
MV_Schw	C	8120	132	1	0.983041048229953	
MV_Schw	T	8121	21	0		1
MV_Schw	C	8122	176	2		1
MV_Schw	A	8123	103	1	0.944879389258477	
MV_Schw	G	8124	141	3		1
MV_Schw	C	8125	107	0	0.380027812845055	
MV_Schw	A	8126	35	1		1
MV_Schw	A	8127	12	0		1
MV_Schw	C	8128	27	0		1
MV_Schw	T	8129	12	0		1
MV_Schw	G	8130	27	1	0.752394317790241	
MV_Schw	T	8131	0	0		1
MV_Schw	A	8132	10	0		1
MV_Schw	T	8133	6	0		1
MV_Schw	G	8134	31	1		1

MV_Schw	G	8135	64	0	0.789229943133706	
MV_Schw	T	8136	12	0		1
MV_Schw	G	8137	33	1		1
MV_Schw	G	8138	163	3		1
MV_Schw	C	8139	171	3		1
MV_Schw	T	8140	58	0	0.953489044526869	
MV_Schw	T	8141	19	0		1
MV_Schw	T	8142	29	0		1
MV_Schw	G	8143	81	4	0.305908359426921	
MV_Schw	G	8144	48	1		1
MV_Schw	G	8145	508	11		1
MV_Schw	G	8146	19	1		1
MV_Schw	G	8147	10	0		1
MV_Schw	NA	8148	0	0		NA
MV_Schw	G	8149	64	2		1
MV_Schw	C	8150	147	5	0.588971267353346	
MV_Schw	T	8151	14	1	0.944879389258477	
MV_Schw	C	8152	89	2		1
MV_Schw	A	8153	14	1	0.944879389258477	
MV_Schw	A	8154	21	1		1
MV_Schw	A	8155	8	0		1
MV_Schw	C	8156	184	2	0.947544583923452	
MV_Schw	T	8157	6	0		1
MV_Schw	C	8158	43	1	0.950262622850522	
MV_Schw	G	8159	91	5	0.0982183359341293	
MV_Schw	C	8160	626	16	0.824239311674942	
MV_Schw	A	8161	118	5	0.491835918445353	
MV_Schw	G	8162	74	3	0.44280652126772	
MV_Schw	C	8163	31	1		1
MV_Schw	C	8164	21	1	0.632968068765344	
MV_Schw	C	8165	41	1	0.945767847051808	
MV_Schw	T	8166	45	3	0.340185031164498	
MV_Schw	T	8167	6	0		1
MV_Schw	T	8168	12	0		1
MV_Schw	G	8169	401	15	0.118110625222658	
MV_Schw	T	8170	12	0		1

MV_Schw	C	8171	99	3	0.789229943133706
MV_Schw	A	8172	72	3	0.822598489333375
MV_Schw	C	8173	89	1	1
MV_Schw	G	8174	33	1	0.822598489333375
MV_Schw	G	8175	89	3	0.715462436038866
MV_Schw	G	8176	132	4	0.863499923807603
MV_Schw	G	8177	149	1	0.550155392537109
MV_Schw	A	8178	6	0	1
MV_Schw	A	8179	23	0	1
MV_Schw	G	8180	60	1	1
MV_Schw	A	8181	39	1	1
MV_Schw	T	8182	37	1	1
MV_Schw	T	8183	4	1	0.619556855087002
MV_Schw	C	8184	45	0	1
MV_Schw	T	8185	21	2	0.258627633593378
MV_Schw	A	8186	33	0	1
MV_Schw	T	8187	83	0	0.645428736569362
MV_Schw	C	8188	74	2	1
MV_Schw	A	8189	6	0	1
MV_Schw	C	8190	87	2	1
MV_Schw	A	8191	6	0	1
MV_Schw	A	8192	25	1	1
MV_Schw	T	8193	10	0	1
MV_Schw	T	8194	10	0	1
MV_Schw	C	8195	33	0	1
MV_Schw	C	8196	8	0	1
MV_Schw	C	8197	29	0	1
MV_Schw	T	8198	6	0	1
MV_Schw	A	8199	8	1	0.258627633593378
MV_Schw	T	8200	2	0	1
MV_Schw	C	8201	101	1	0.944879389258477
MV_Schw	A	8202	4	0	1
MV_Schw	G	8203	23	0	1
MV_Schw	G	8204	19	1	1
MV_Schw	G	8205	21	0	1
MV_Schw	A	8206	16	0	1

MV_Schw	T	8207	17	0		1
MV_Schw	C	8208	17	0		1
MV_Schw	A	8209	12	1	0.88950624150852	
MV_Schw	G	8210	97	5	0.259232568936535	
MV_Schw	G	8211	29	1	0.789229943133706	
MV_Schw	G	8212	163	2		1
MV_Schw	A	8213	29	0		1
MV_Schw	A	8214	8	0		1
MV_Schw	A	8215	6	0		1
MV_Schw	G	8216	21	0		1
MV_Schw	G	8217	16	1	0.950262622850522	
MV_Schw	T	8218	4	1	0.619556855087002	
MV_Schw	G	8219	397	6		1
MV_Schw	T	8220	95	0	0.499662168427985	
MV_Schw	C	8221	85	1		1
MV_Schw	A	8222	41	1		1
MV_Schw	G	8223	64	2		1
MV_Schw	C	8224	68	1		1
MV_Schw	T	8225	39	1		1
MV_Schw	T	8226	52	0	0.950262622850522	
MV_Schw	C	8227	50	1		1
MV_Schw	C	8228	87	1		1
MV_Schw	A	8229	54	2	0.789229943133706	
MV_Schw	G	8230	120	1	0.789229943133706	
MV_Schw	C	8231	56	0	0.950262622850522	
MV_Schw	T	8232	8	0		1
MV_Schw	C	8233	169	3		1
MV_Schw	G	8234	105	4	0.603755373639587	
MV_Schw	T	8235	47	1		1
MV_Schw	C	8236	33	0		1
MV_Schw	A	8237	35	1	0.863499923807603	
MV_Schw	A	8238	21	0		1
MV_Schw	G	8239	87	0	0.653463094391213	
MV_Schw	C	8240	52	1		1
MV_Schw	T	8241	27	0		1
MV_Schw	NA	8242	0	0		NA

MV_Schw	G	8243	17	1	0.528591092326266
MV_Schw	G	8244	41	3	0.297586725038221
MV_Schw	T	8245	6	0	1
MV_Schw	G	8246	16	0	1
MV_Schw	T	8247	4	0	1
MV_Schw	C	8248	62	1	1
MV_Schw	T	8249	174	1	0.344829637188882
MV_Schw	G	8250	326	6	1
MV_Schw	G	8251	246	7	0.932419855572388
MV_Schw	A	8252	37	0	1
MV_Schw	A	8253	23	0	1
MV_Schw	A	8254	37	1	1
MV_Schw	T	8255	29	0	1
MV_Schw	C	8256	281	10	0.308038546605154
MV_Schw	C	8257	50	1	1
MV_Schw	C	8258	244	2	0.528591092326266
MV_Schw	C	8259	68	1	1
MV_Schw	A	8260	85	3	0.918952129071198
MV_Schw	A	8261	17	0	1
MV_Schw	C	8262	436	9	1
MV_Schw	C	8263	52	1	1
MV_Schw	G	8264	43	1	1
MV_Schw	NA	8265	0	0	NA
MV_Schw	C	8266	74	2	1
MV_Schw	A	8267	50	1	1
MV_Schw	T	8268	35	0	1
MV_Schw	G	8269	52	1	1
MV_Schw	C	8270	16	1	0.950262622850522
MV_Schw	A	8271	64	2	1
MV_Schw	A	8272	16	1	0.483965165529824
MV_Schw	T	8273	62	1	1
MV_Schw	C	8274	62	1	1
MV_Schw	C	8275	64	1	1
MV_Schw	T	8276	10	0	1
MV_Schw	G	8277	271	3	0.944879389258477
MV_Schw	G	8278	145	3	1

MV_Schw	G	8279	56	0	0.950262622850522
MV_Schw	T	8280	8	0	1
MV_Schw	C	8281	6	0	1
MV_Schw	C	8282	35	0	1
MV_Schw	C	8283	66	0	0.789229943133706
MV_Schw	C	8284	68	0	0.789229943133706
MV_Schw	T	8285	29	1	1
MV_Schw	T	8286	17	0	1
MV_Schw	A	8287	8	0	1
MV_Schw	T	8288	4	0	1
MV_Schw	C	8289	89	1	1
MV_Schw	A	8290	31	0	1
MV_Schw	A	8291	6	0	1
MV_Schw	C	8292	78	0	0.638894311640422
MV_Schw	G	8293	266	1	0.182730995624231
MV_Schw	G	8294	23	0	1
MV_Schw	A	8295	14	1	0.944879389258477
MV_Schw	T	8296	12	1	0.88950624150852
MV_Schw	G	8297	10	0	1
MV_Schw	A	8298	6	0	1
MV_Schw	T	8299	10	1	0.822598489333375
MV_Schw	C	8300	19	0	1
MV_Schw	C	8301	93	1	1
MV_Schw	A	8302	8	1	0.258627633593378
MV_Schw	G	8303	236	4	1
MV_Schw	T	8304	39	1	0.9314909603024
MV_Schw	G	8305	45	1	1
MV_Schw	A	8306	17	0	1
MV_Schw	T	8307	17	0	1
MV_Schw	A	8308	83	3	0.897349285586955
MV_Schw	G	8309	87	5	0.188346478797688
MV_Schw	A	8310	89	2	1
MV_Schw	C	8311	194	5	0.950262622850522
MV_Schw	A	8312	19	1	1
MV_Schw	G	8313	62	3	0.307480793677112
MV_Schw	G	8314	105	3	0.950262622850522

MV_Schw	C	8315	149	1	0.88950624150852	
MV_Schw	T	8316	138	5	0.426789350155389	
MV_Schw	T	8317	6	0		1
MV_Schw	T	8318	27	0		1
MV_Schw	A	8319	6	0		1
MV_Schw	C	8320	29	0		1
MV_Schw	C	8321	74	1		1
MV_Schw	T	8322	10	0		1
MV_Schw	C	8323	43	0		1
MV_Schw	T	8324	14	0		1
MV_Schw	C	8325	54	1		1
MV_Schw	A	8326	48	0	0.950262622850522	
MV_Schw	T	8327	19	0		1
MV_Schw	C	8328	21	0		1
MV_Schw	T	8329	12	0		1
MV_Schw	C	8330	54	1		1
MV_Schw	A	8331	10	0		1
MV_Schw	C	8332	132	2		1
MV_Schw	A	8333	10	1	0.307480793677112	
MV_Schw	G	8334	31	0		1
MV_Schw	A	8335	2	0		1
MV_Schw	G	8336	29	1		1
MV_Schw	G	8337	45	0		1
MV_Schw	T	8338	8	0		1
MV_Schw	G	8339	50	1		1
MV_Schw	T	8340	2	0		1
MV_Schw	T	8341	31	1		1
MV_Schw	A	8342	56	2	0.968890372475178	
MV_Schw	T	8343	45	1		1
MV_Schw	C	8344	101	3		1
MV_Schw	G	8345	116	3	0.957721317456694	
MV_Schw	C	8346	141	3		1
MV_Schw	T	8347	194	5		1
MV_Schw	G	8348	167	4		1
MV_Schw	A	8349	4	0		1
MV_Schw	C	8350	128	3		1

MV_Schw	A	8351	19	1		1
MV_Schw	A	8352	8	0		1
MV_Schw	T	8353	4	0		1
MV_Schw	C	8354	17	0		1
MV_Schw	A	8355	27	0		1
MV_Schw	A	8356	45	3	0.340185031164498	
MV_Schw	G	8357	273	12	0.0488236628860313	
MV_Schw	C	8358	33	0		1
MV_Schw	A	8359	39	1		1
MV_Schw	A	8360	8	0		1
MV_Schw	A	8361	10	1	0.822598489333375	
MV_Schw	A	8362	83	1		1
MV_Schw	T	8363	29	0		1
MV_Schw	G	8364	41	0		1
MV_Schw	G	8365	19	0		1
MV_Schw	G	8366	52	1		1
MV_Schw	C	8367	83	1		1
MV_Schw	T	8368	25	0		1
MV_Schw	G	8369	29	1	0.789229943133706	
MV_Schw	T	8370	16	0		1
MV_Schw	C	8371	101	3		1
MV_Schw	C	8372	380	3	0.286462760557962	
MV_Schw	C	8373	331	9	0.789229943133706	
MV_Schw	G	8374	200	5	0.953489044526869	
MV_Schw	A	8375	50	1		1
MV_Schw	C	8376	213	4		1
MV_Schw	A	8377	33	0		1
MV_Schw	A	8378	14	0		1
MV_Schw	C	8379	215	3	0.957721317456694	
MV_Schw	A	8380	8	0		1
MV_Schw	C	8381	62	1		1
MV_Schw	G	8382	74	0	0.795198078226602	
MV_Schw	A	8383	39	1		1
MV_Schw	A	8384	39	1		1
MV_Schw	C	8385	91	2		1
MV_Schw	A	8386	14	1	0.944879389258477	

MV_Schw	G	8387	10	0		1
MV_Schw	A	8388	6	0		1
MV_Schw	T	8389	91	0	0.497615650989996	
MV_Schw	G	8390	39	0		1
MV_Schw	A	8391	2	0		1
MV_Schw	C	8392	85	3	0.918952129071198	
MV_Schw	A	8393	10	0		1
MV_Schw	A	8394	10	0		1
MV_Schw	G	8395	41	1		1
MV_Schw	T	8396	25	0		1
MV_Schw	T	8397	120	1	0.789229943133706	
MV_Schw	G	8398	64	1		1
MV_Schw	C	8399	186	4		1
MV_Schw	G	8400	109	3		1
MV_Schw	A	8401	60	2	0.983041048229953	
MV_Schw	A	8402	23	1	0.658415249679101	
MV_Schw	T	8403	116	2		1
MV_Schw	G	8404	21	1		1
MV_Schw	G	8405	130	3		1
MV_Schw	A	8406	48	1		1
MV_Schw	G	8407	74	3	0.44280652126772	
MV_Schw	A	8408	10	1	0.307480793677112	
MV_Schw	C	8409	372	1	0.0188268016494874	
MV_Schw	A	8410	23	0		1
MV_Schw	T	8411	33	2	0.463720798159947	
MV_Schw	G	8412	81	1		1
MV_Schw	C	8413	112	5	0.449295143732283	
MV_Schw	T	8414	95	2		1
MV_Schw	T	8415	10	1	0.822598489333375	
MV_Schw	C	8416	52	2	0.78354985902497	
MV_Schw	C	8417	134	3		1
MV_Schw	A	8418	16	0		1
MV_Schw	A	8419	17	0		1
MV_Schw	C	8420	277	7		1
MV_Schw	A	8421	4	0		1
MV_Schw	G	8422	91	3		1

MV_Schw	G	8423	8	1	0.789229943133706	
MV_Schw	C	8424	31	0		1
MV_Schw	G	8425	45	1		1
MV_Schw	T	8426	21	0		1
MV_Schw	G	8427	122	3		1
MV_Schw	T	8428	4	0		1
MV_Schw	A	8429	8	0		1
MV_Schw	A	8430	21	0		1
MV_Schw	G	8431	64	1		1
MV_Schw	G	8432	12	0		1
MV_Schw	G	8433	465	6	0.722614347008795	
MV_Schw	T	8434	14	0		1
MV_Schw	A	8435	16	0		1
MV_Schw	A	8436	2	0		1
MV_Schw	A	8437	16	0		1
MV_Schw	A	8438	27	1		1
MV_Schw	T	8439	16	0		1
MV_Schw	C	8440	19	0		1
MV_Schw	C	8441	138	3		1
MV_Schw	A	8442	143	2		1
MV_Schw	A	8443	35	0		1
MV_Schw	G	8444	110	1		1
MV_Schw	C	8445	21	1		1
MV_Schw	A	8446	10	0		1
MV_Schw	C	8447	19	1		1
MV_Schw	T	8448	10	0		1
MV_Schw	C	8449	23	0		1
MV_Schw	T	8450	17	0		1
MV_Schw	G	8451	93	1		1
MV_Schw	C	8452	198	0	0.0437447203304695	
MV_Schw	G	8453	97	0	0.503192867159235	
MV_Schw	A	8454	33	1		1
MV_Schw	G	8455	93	3	0.747390316041078	
MV_Schw	A	8456	4	0		1
MV_Schw	A	8457	10	1	0.822598489333375	
MV_Schw	T	8458	12	0		1

MV_Schw	C	8459	68	1		1
MV_Schw	C	8460	31	1	0.791667533131283	
MV_Schw	C	8461	186	4		1
MV_Schw	G	8462	250	11	0.0887977744330375	
MV_Schw	A	8463	110	3		1
MV_Schw	G	8464	124	5	0.346347435414351	
MV_Schw	T	8465	14	1	0.944879389258477	
MV_Schw	G	8466	58	1		1
MV_Schw	G	8467	14	0		1
MV_Schw	G	8468	229	7	0.88950624150852	
MV_Schw	C	8469	171	5		1
MV_Schw	A	8470	21	1		1
MV_Schw	C	8471	12	0		1
MV_Schw	C	8472	19	1		1
MV_Schw	A	8473	14	1	0.944879389258477	
MV_Schw	T	8474	35	1		1
MV_Schw	T	8475	8	0		1
MV_Schw	G	8476	50	2	0.746970975838775	
MV_Schw	A	8477	2	0		1
MV_Schw	A	8478	14	0		1
MV_Schw	G	8479	167	3		1
MV_Schw	G	8480	8	0		1
MV_Schw	NA	8481	0	0		NA
MV_Schw	T	8482	14	1	0.426789350155389	
MV_Schw	A	8483	17	2	0.190596323698557	
MV_Schw	A	8484	39	1		1
MV_Schw	C	8485	264	12	0.0417856306742298	
MV_Schw	A	8486	17	1	0.528591092326266	
MV_Schw	G	8487	60	4	0.130118305522798	
MV_Schw	G	8488	25	0		1
MV_Schw	A	8489	19	0		1
MV_Schw	T	8490	29	1	0.789229943133706	
MV_Schw	T	8491	4	0		1
MV_Schw	C	8492	52	1		1
MV_Schw	C	8493	78	1		1
MV_Schw	T	8494	25	0		1

MV_Schw	T	8495	182	3		1
MV_Schw	C	8496	31	1	0.791667533131283	
MV_Schw	A	8497	17	1	0.983041048229953	
MV_Schw	T	8498	27	0		1
MV_Schw	A	8499	60	0	0.957721317456694	
MV_Schw	C	8500	99	0	0.509396577320122	
MV_Schw	G	8501	60	0	0.957721317456694	
MV_Schw	G	8502	29	0		1
MV_Schw	G	8503	126	7	0.0364439659893172	
MV_Schw	G	8504	29	1	0.789229943133706	
MV_Schw	NA	8505	0	0		NA
MV_Schw	C	8506	198	2	0.822598489333375	
MV_Schw	T	8507	12	1	0.88950624150852	
MV_Schw	T	8508	39	1	0.9314909603024	
MV_Schw	G	8509	91	1		1
MV_Schw	T	8510	39	0		1
MV_Schw	C	8511	97	1		1
MV_Schw	T	8512	70	1		1
MV_Schw	G	8513	205	1	0.443070383640094	
MV_Schw	T	8514	10	0		1
MV_Schw	T	8515	29	1		1
MV_Schw	G	8516	91	0	0.497615650989996	
MV_Schw	A	8517	27	0		1
MV_Schw	T	8518	78	0	0.638894311640422	
MV_Schw	C	8519	172	1	0.789229943133706	
MV_Schw	T	8520	16	1	0.950262622850522	
MV_Schw	G	8521	17	0		1
MV_Schw	A	8522	10	0		1
MV_Schw	G	8523	378	6		1
MV_Schw	T	8524	23	0		1
MV_Schw	C	8525	87	2		1
MV_Schw	T	8526	138	1	0.673422966374487	
MV_Schw	G	8527	74	1		1
MV_Schw	A	8528	12	0		1
MV_Schw	C	8529	221	7	0.783925131106103	
MV_Schw	A	8530	25	1	0.704667204683568	

MV_Schw	G	8531	176	4		1
MV_Schw	T	8532	16	1	0.950262622850522	
MV_Schw	T	8533	19	0		1
MV_Schw	G	8534	76	1		1
MV_Schw	A	8535	6	0		1
MV_Schw	G	8536	109	3		1
MV_Schw	C	8537	62	1		1
MV_Schw	T	8538	39	1	0.9314909603024	
MV_Schw	NA	8539	0	0		NA
MV_Schw	A	8540	10	0		1
MV_Schw	A	8541	4	0		1
MV_Schw	A	8542	10	0		1
MV_Schw	A	8543	25	0		1
MV_Schw	T	8544	29	1		1
MV_Schw	C	8545	47	1		1
MV_Schw	A	8546	14	1	0.944879389258477	
MV_Schw	A	8547	19	0		1
MV_Schw	A	8548	19	0		1
MV_Schw	A	8549	12	1	0.88950624150852	
MV_Schw	T	8550	6	0		1
MV_Schw	T	8551	8	0		1
MV_Schw	G	8552	14	1	0.944879389258477	
MV_Schw	C	8553	258	3		1
MV_Schw	T	8554	19	0		1
MV_Schw	T	8555	54	4	0.094193442838711	
MV_Schw	C	8556	91	10	2.46659292961509e-05	
MV_Schw	G	8557	21	1		1
MV_Schw	G	8558	29	1		1
MV_Schw	G	8559	112	3	0.950262622850522	
MV_Schw	A	8560	48	0	0.950262622850522	
MV_Schw	T	8561	16	0		1
MV_Schw	T	8562	47	0		1
MV_Schw	C	8563	66	1		1
MV_Schw	G	8564	277	3	0.598480293360952	
MV_Schw	G	8565	78	1		1
MV_Schw	G	8566	341	12	0.258627633593378	

MV_Schw	C	8567	25	0		1
MV_Schw	C	8568	68	1		1
MV_Schw	A	8569	29	1		1
MV_Schw	T	8570	16	0		1
MV_Schw	T	8571	149	1	0.550155392537109	
MV_Schw	G	8572	17	0		1
MV_Schw	A	8573	70	1		1
MV_Schw	T	8574	29	1		1
MV_Schw	C	8575	109	1	0.947544583923452	
MV_Schw	A	8576	16	0		1
MV_Schw	C	8577	89	2		1
MV_Schw	A	8578	31	1	0.791667533131283	
MV_Schw	C	8579	240	3	0.789229943133706	
MV_Schw	A	8580	12	0		1
MV_Schw	C	8581	10	0		1
MV_Schw	G	8582	19	0		1
MV_Schw	G	8583	45	1		1
MV_Schw	T	8584	19	1		1
MV_Schw	T	8585	8	0		1
MV_Schw	C	8586	153	1	0.436311974989592	
MV_Schw	A	8587	31	0		1
MV_Schw	G	8588	62	0	0.789229943133706	
MV_Schw	G	8589	93	0	0.498091317793217	
MV_Schw	G	8590	21	1		1
MV_Schw	A	8591	6	0		1
MV_Schw	T	8592	50	0	0.950262622850522	
MV_Schw	G	8593	25	0		1
MV_Schw	G	8594	47	1		1
MV_Schw	A	8595	4	0		1
MV_Schw	C	8596	68	1		1
MV_Schw	C	8597	27	1	0.752394317790241	
MV_Schw	T	8598	0	0		1
MV_Schw	A	8599	14	1	0.944879389258477	
MV_Schw	T	8600	95	2		1
MV_Schw	A	8601	54	1		1
MV_Schw	C	8602	41	2	0.599534349993353	

MV_Schw	A	8603	14	1	0.426789350155389
MV_Schw	A	8604	6	0	1
MV_Schw	A	8605	35	2	0.497615650989996
MV_Schw	T	8606	39	2	0.560243889454362
MV_Schw	C	8607	93	1	1
MV_Schw	C	8608	35	1	1
MV_Schw	A	8609	41	0	1
MV_Schw	A	8610	47	2	0.678058690427187
MV_Schw	C	8611	140	3	1
MV_Schw	C	8612	17	0	1
MV_Schw	A	8613	10	0	1
MV_Schw	C	8614	54	3	0.480219983992261
MV_Schw	A	8615	41	2	0.599534349993353
MV_Schw	A	8616	16	0	1
MV_Schw	C	8617	25	1	1
MV_Schw	A	8618	6	0	1
MV_Schw	A	8619	4	0	1
MV_Schw	T	8620	27	0	1
MV_Schw	G	8621	23	1	1
MV_Schw	T	8622	10	0	1
MV_Schw	G	8623	41	0	1
MV_Schw	T	8624	23	1	1
MV_Schw	A	8625	14	0	1
MV_Schw	T	8626	8	0	1
MV_Schw	T	8627	35	0	1
MV_Schw	G	8628	35	0	1
MV_Schw	G	8629	184	1	0.277229700444564
MV_Schw	C	8630	107	1	0.945767847051808
MV_Schw	T	8631	202	1	0.216853413677777
MV_Schw	G	8632	54	1	1
MV_Schw	A	8633	16	0	1
MV_Schw	C	8634	118	1	0.789229943133706
MV_Schw	T	8635	27	0	1
MV_Schw	A	8636	35	1	1
MV_Schw	T	8637	17	0	1
MV_Schw	C	8638	31	1	1

MV_Schw	C	8639	258	2	0.437908798039714	
MV_Schw	C	8640	411	3	0.1894828911111102	
MV_Schw	G	8641	62	1		1
MV_Schw	C	8642	110	4	0.639207655977387	
MV_Schw	C	8643	47	1		1
MV_Schw	A	8644	29	0		1
MV_Schw	A	8645	8	0		1
MV_Schw	T	8646	21	0		1
MV_Schw	G	8647	105	2		1
MV_Schw	A	8648	10	0		1
MV_Schw	A	8649	14	0		1
MV_Schw	G	8650	25	0		1
MV_Schw	A	8651	4	0		1
MV_Schw	A	8652	4	0		1
MV_Schw	C	8653	64	3	0.609091736782917	
MV_Schw	C	8654	95	1		1
MV_Schw	T	8655	23	0		1
MV_Schw	A	8656	12	0		1
MV_Schw	G	8657	56	2	0.968890372475178	
MV_Schw	C	8658	16	1	0.950262622850522	
MV_Schw	C	8659	196	1	0.214586843368945	
MV_Schw	T	8660	2	1	0.491835918445353	
MV_Schw	NA	8661	0	0		NA
MV_Schw	A	8662	6	1	0.704667204683568	
MV_Schw	G	8663	21	0		1
MV_Schw	G	8664	101	0	0.51781700540984	
MV_Schw	T	8665	12	0		1
MV_Schw	G	8666	33	1		1
MV_Schw	T	8667	0	0		1
MV_Schw	A	8668	31	0		1
MV_Schw	A	8669	14	0		1
MV_Schw	T	8670	56	2	0.968890372475178	
MV_Schw	C	8671	50	1		1
MV_Schw	A	8672	52	1		1
MV_Schw	A	8673	14	1	0.944879389258477	
MV_Schw	C	8674	54	1		1

MV_Schw	A	8675	0	0	1
MV_Schw	C	8676	4	0	1
MV_Schw	A	8677	21	0	1
MV_Schw	T	8678	6	0	1
MV_Schw	T	8679	10	1	0.822598489333375
MV_Schw	G	8680	23	1	0.658415249679101
MV_Schw	G	8681	10	0	1
MV_Schw	A	8682	8	0	1
MV_Schw	G	8683	85	1	1
MV_Schw	T	8684	118	1	0.789229943133706
MV_Schw	G	8685	10	1	0.822598489333375
MV_Schw	G	8686	23	1	1
MV_Schw	A	8687	6	0	1
MV_Schw	T	8688	85	1	1
MV_Schw	A	8689	16	0	1
MV_Schw	C	8690	961	10	0.0501396448119915
MV_Schw	C	8691	452	7	0.950262622850522
MV_Schw	G	8692	31	1	1
MV_Schw	A	8693	50	2	0.746970975838775
MV_Schw	G	8694	89	2	1
MV_Schw	A	8695	99	4	0.560243889454362
MV_Schw	T	8696	48	0	0.950262622850522
MV_Schw	T	8697	25	1	1
MV_Schw	C	8698	47	1	1
MV_Schw	A	8699	14	1	0.944879389258477
MV_Schw	A	8700	8	1	0.258627633593378
MV_Schw	G	8701	605	3	0.00706159361586363
MV_Schw	G	8702	128	1	0.658415249679101
MV_Schw	T	8703	14	1	0.944879389258477
MV_Schw	T	8704	4	0	1
MV_Schw	A	8705	19	1	1
MV_Schw	G	8706	267	4	1
MV_Schw	T	8707	12	0	1
MV_Schw	C	8708	76	0	0.638894311640422
MV_Schw	C	8709	184	3	1
MV_Schw	C	8710	99	1	0.944879389258477

MV_Schw	T	8711	50	2	0.746970975838775
MV_Schw	A	8712	50	0	0.950262622850522
MV_Schw	C	8713	112	1	1
MV_Schw	C	8714	35	0	1
MV_Schw	T	8715	8	1	0.789229943133706
MV_Schw	C	8716	202	1	0.551026371204373
MV_Schw	T	8717	10	0	1
MV_Schw	T	8718	19	1	1
MV_Schw	C	8719	47	1	1
MV_Schw	A	8720	52	0	0.950262622850522
MV_Schw	C	8721	58	1	1
MV_Schw	T	8722	6	0	1
MV_Schw	G	8723	33	0	1
MV_Schw	T	8724	21	1	1
MV_Schw	C	8725	52	0	0.950262622850522
MV_Schw	C	8726	66	1	1
MV_Schw	C	8727	79	3	0.882548734849042
MV_Schw	A	8728	21	0	1
MV_Schw	A	8729	17	1	0.528591092326266
MV_Schw	T	8730	10	1	0.822598489333375
MV_Schw	T	8731	21	1	1
MV_Schw	A	8732	29	0	1
MV_Schw	A	8733	10	0	1
MV_Schw	G	8734	50	1	1
MV_Schw	G	8735	33	2	0.463720798159947
MV_Schw	A	8736	23	0	1
MV_Schw	A	8737	12	1	0.366832525336205
MV_Schw	G	8738	45	0	1
MV_Schw	C	8739	85	1	1
MV_Schw	A	8740	8	0	1
MV_Schw	G	8741	128	2	1
MV_Schw	G	8742	283	6	1
MV_Schw	C	8743	130	2	1
MV_Schw	G	8744	76	1	1
MV_Schw	A	8745	31	1	1
MV_Schw	A	8746	35	1	1

MV_Schw	G	8747	64	0	0.789229943133706
MV_Schw	A	8748	19	0	1
MV_Schw	C	8749	298	6	1
MV_Schw	T	8750	37	1	1
MV_Schw	G	8751	128	2	1
MV_Schw	C	8752	380	10	0.944879389258477
MV_Schw	C	8753	203	4	1
MV_Schw	A	8754	267	2	0.355295708921217
MV_Schw	T	8755	39	1	1
MV_Schw	G	8756	45	0	1
MV_Schw	C	8757	446	3	0.121677050932237
MV_Schw	C	8758	134	0	0.222853068696264
MV_Schw	C	8759	76	3	0.849410970830975
MV_Schw	C	8760	169	5	0.945767847051808
MV_Schw	A	8761	70	1	1
MV_Schw	A	8762	17	1	0.983041048229953
MV_Schw	C	8763	85	2	1
MV_Schw	A	8764	12	0	1
MV_Schw	T	8765	29	0	1
MV_Schw	A	8766	2	0	1
MV_Schw	C	8767	39	1	0.9314909603024
MV_Schw	C	8768	16	0	1
MV_Schw	T	8769	23	0	1
MV_Schw	A	8770	10	1	0.822598489333375
MV_Schw	C	8771	17	0	1
MV_Schw	C	8772	66	1	1
MV_Schw	T	8773	43	1	1
MV_Schw	G	8774	105	9	0.00125438572154573
MV_Schw	C	8775	176	1	0.648224297390367
MV_Schw	G	8776	74	2	1
MV_Schw	G	8777	116	3	0.957721317456694
MV_Schw	A	8778	35	0	1
MV_Schw	G	8779	39	2	0.560243889454362
MV_Schw	G	8780	39	1	0.9314909603024
MV_Schw	T	8781	25	1	1
MV_Schw	G	8782	89	1	1

MV_Schw	G	8783	39	1		1
MV_Schw	A	8784	76	1		1
MV_Schw	T	8785	68	0	0.789229943133706	
MV_Schw	G	8786	62	2	0.991517221373143	
MV_Schw	G	8787	101	4	0.576193745443697	
MV_Schw	T	8788	12	0		1
MV_Schw	G	8789	29	0		1
MV_Schw	A	8790	151	3		1
MV_Schw	T	8791	43	1	0.950262622850522	
MV_Schw	G	8792	490	7	0.923139672094923	
MV_Schw	T	8793	6	0		1
MV_Schw	C	8794	41	0		1
MV_Schw	A	8795	17	0		1
MV_Schw	A	8796	16	0		1
MV_Schw	A	8797	14	0		1
MV_Schw	C	8798	333	3	0.562679696554225	
MV_Schw	NA	8799	0	0		NA
MV_Schw	C	8800	14	0		1
MV_Schw	A	8801	10	0		1
MV_Schw	G	8802	221	5		1
MV_Schw	T	8803	25	0		1
MV_Schw	T	8804	14	0		1
MV_Schw	C	8805	21	1	0.632968068765344	
MV_Schw	C	8806	6	0		1
MV_Schw	A	8807	29	0		1
MV_Schw	A	8808	246	6		1
MV_Schw	T	8809	76	3	0.467924584055268	
MV_Schw	C	8810	45	0		1
MV_Schw	T	8811	19	0		1
MV_Schw	G	8812	153	7	0.228458243153358	
MV_Schw	G	8813	397	3	0.233813270352997	
MV_Schw	T	8814	68	1		1
MV_Schw	G	8815	99	0	0.509396577320122	
MV_Schw	A	8816	54	0	0.950262622850522	
MV_Schw	T	8817	25	0		1
MV_Schw	T	8818	45	0		1

MV_Schw	C	8819	74	1		1
MV_Schw	T	8820	33	1		1
MV_Schw	A	8821	27	0		1
MV_Schw	C	8822	161	1	0.78470776546672	
MV_Schw	C	8823	114	1	0.789229943133706	
MV_Schw	T	8824	4	0		1
MV_Schw	G	8825	54	1		1
MV_Schw	G	8826	58	0	0.953489044526869	
MV_Schw	T	8827	126	1		1
MV_Schw	C	8828	43	1	0.950262622850522	
MV_Schw	A	8829	140	0	0.230921379149447	
MV_Schw	A	8830	16	0		1
MV_Schw	G	8831	107	1	0.945767847051808	
MV_Schw	A	8832	68	0	0.789229943133706	
MV_Schw	T	8833	23	1		1
MV_Schw	C	8834	124	3		1
MV_Schw	T	8835	4	0		1
MV_Schw	C	8836	70	1		1
MV_Schw	C	8837	52	1		1
MV_Schw	A	8838	89	1		1
MV_Schw	A	8839	4	0		1
MV_Schw	T	8840	19	1		1
MV_Schw	A	8841	2	0		1
MV_Schw	T	8842	6	0		1
MV_Schw	G	8843	43	1		1
MV_Schw	T	8844	10	0		1
MV_Schw	T	8845	33	0		1
MV_Schw	T	8846	19	1		1
MV_Schw	T	8847	112	1		1
MV_Schw	G	8848	14	0		1
MV_Schw	G	8849	74	4	0.237817203872315	
MV_Schw	C	8850	64	3	0.331831159059729	
MV_Schw	A	8851	17	1	0.528591092326266	
MV_Schw	A	8852	2	0		1
MV_Schw	C	8853	23	0		1
MV_Schw	C	8854	48	1		1

MV_Schw	T	8855	8	0		1
MV_Schw	A	8856	35	1		1
MV_Schw	C	8857	41	1		1
MV_Schw	G	8858	79	1		1
MV_Schw	A	8859	8	1	0.789229943133706	
MV_Schw	T	8860	41	1	0.945767847051808	
MV_Schw	NA	8861	0	0		NA
MV_Schw	C	8862	16	1	0.950262622850522	
MV_Schw	T	8863	10	1	0.822598489333375	
MV_Schw	T	8864	25	0		1
MV_Schw	C	8865	300	5		1
MV_Schw	C	8866	19	0		1
MV_Schw	A	8867	68	1		1
MV_Schw	G	8868	83	1		1
MV_Schw	G	8869	76	2		1
MV_Schw	G	8870	31	1		1
MV_Schw	T	8871	2	0		1
MV_Schw	T	8872	35	1		1
MV_Schw	G	8873	101	1	0.944879389258477	
MV_Schw	A	8874	12	0		1
MV_Schw	A	8875	17	0		1
MV_Schw	C	8876	254	3	0.789229943133706	
MV_Schw	A	8877	2	1	0.491835918445353	
MV_Schw	T	8878	10	0		1
MV_Schw	G	8879	31	0		1
MV_Schw	C	8880	89	1		1
MV_Schw	T	8881	60	1		1
MV_Schw	G	8882	87	2		1
MV_Schw	T	8883	35	1		1
MV_Schw	G	8884	76	1		1
MV_Schw	G	8885	138	2		1
MV_Schw	T	8886	27	0		1
MV_Schw	T	8887	21	1	0.632968068765344	
MV_Schw	T	8888	48	2	0.709032941865358	
MV_Schw	A	8889	23	0		1
MV_Schw	T	8890	37	3	0.245202640825390	

MV_Schw	T	8891	29	1	0.789229943133706	
MV_Schw	A	8892	16	0		1
MV_Schw	C	8893	78	2		1
MV_Schw	G	8894	48	2	0.709032941865358	
MV_Schw	T	8895	21	1		1
MV_Schw	T	8896	39	0		1
MV_Schw	T	8897	47	1		1
MV_Schw	A	8898	8	0		1
MV_Schw	C	8899	56	1		1
MV_Schw	A	8900	141	4		1
MV_Schw	G	8901	83	3	0.897349285586955	
MV_Schw	C	8902	14	0		1
MV_Schw	C	8903	27	0		1
MV_Schw	C	8904	81	2		1
MV_Schw	A	8905	25	0		1
MV_Schw	A	8906	141	2		1
MV_Schw	G	8907	81	1		1
MV_Schw	C	8908	27	0		1
MV_Schw	C	8909	66	1		1
MV_Schw	G	8910	10	0		1
MV_Schw	C	8911	81	3	0.88950624150852	
MV_Schw	T	8912	31	1	0.791667533131283	
MV_Schw	C	8913	35	0		1
MV_Schw	A	8914	50	0	0.950262622850522	
MV_Schw	T	8915	4	0		1
MV_Schw	NA	8916	0	0		NA
MV_Schw	T	8917	14	0		1
MV_Schw	T	8918	10	0		1
MV_Schw	C	8919	66	0	0.789229943133706	
MV_Schw	T	8920	35	0		1
MV_Schw	T	8921	31	0		1
MV_Schw	A	8922	2	0		1
MV_Schw	C	8923	29	0		1
MV_Schw	T	8924	2	0		1
MV_Schw	T	8925	4	0		1
MV_Schw	T	8926	8	1	0.789229943133706	

MV_Schw	T	8927	8	0		1
MV_Schw	A	8928	10	0		1
MV_Schw	T	8929	10	0		1
MV_Schw	C	8930	23	0		1
MV_Schw	C	8931	19	1		1
MV_Schw	T	8932	8	0		1
MV_Schw	T	8933	4	1	0.619556855087002	
MV_Schw	T	8934	12	1	0.88950624150852	
MV_Schw	T	8935	8	0		1
MV_Schw	A	8936	10	1	0.822598489333375	
MV_Schw	NA	8937	0	0		NA
MV_Schw	G	8938	35	0		1
MV_Schw	T	8939	10	0		1
MV_Schw	T	8940	37	1		1
MV_Schw	G	8941	16	0		1
MV_Schw	C	8942	60	1		1
MV_Schw	C	8943	48	1		1
MV_Schw	T	8944	74	0	0.795198078226602	
MV_Schw	A	8945	25	0		1
MV_Schw	T	8946	17	0		1
MV_Schw	A	8947	47	1		1
MV_Schw	A	8948	35	1		1
MV_Schw	A	8949	70	2		1
MV_Schw	G	8950	25	1		1
MV_Schw	G	8951	163	3		1
MV_Schw	G	8952	19	1		1
MV_Schw	G	8953	35	0		1
MV_Schw	G	8954	16	1	0.950262622850522	
MV_Schw	T	8955	72	1		1
MV_Schw	C	8956	29	0		1
MV_Schw	C	8957	29	0		1
MV_Schw	C	8958	50	0	0.950262622850522	
MV_Schw	C	8959	93	1		1
MV_Schw	A	8960	136	4	0.992435787288199	
MV_Schw	T	8961	93	1		1
MV_Schw	C	8962	149	2		1

MV_Schw	G	8963	31	1		1
MV_Schw	A	8964	14	0		1
MV_Schw	A	8965	19	1		1
MV_Schw	T	8966	29	0		1
MV_Schw	T	8967	19	0		1
MV_Schw	A	8968	2	0		1
MV_Schw	C	8969	27	0		1
MV_Schw	A	8970	25	1		1
MV_Schw	A	8971	10	1	0.822598489333375	
MV_Schw	G	8972	143	2		1
MV_Schw	T	8973	4	0		1
MV_Schw	G	8974	74	1		1
MV_Schw	G	8975	48	1		1
MV_Schw	A	8976	23	0		1
MV_Schw	A	8977	45	2	0.65158773158174	
MV_Schw	T	8978	25	0		1
MV_Schw	G	8979	60	1		1
MV_Schw	C	8980	78	0	0.638894311640422	
MV_Schw	T	8981	85	0	0.648224297390367	
MV_Schw	T	8982	45	1		1
MV_Schw	C	8983	50	3	0.42458526175556	
MV_Schw	A	8984	8	0		1
MV_Schw	C	8985	97	0	0.503192867159235	
MV_Schw	A	8986	56	0	0.950262622850522	
MV_Schw	T	8987	76	1		1
MV_Schw	G	8988	37	0		1
MV_Schw	G	8989	8	0		1
MV_Schw	G	8990	31	1		1
MV_Schw	A	8991	2	0		1
MV_Schw	C	8992	43	1		1
MV_Schw	C	8993	231	3		1
MV_Schw	A	8994	120	1		1
MV_Schw	A	8995	60	2	0.983041048229953	
MV_Schw	A	8996	29	2	0.389821719583598	
MV_Schw	A	8997	37	2	0.528591092326266	
MV_Schw	A	8998	4	0		1

MV_Schw	C	8999	151	3		1
MV_Schw	T	9000	17	0		1
MV_Schw	C	9001	62	3	0.57780206681461	
MV_Schw	T	9002	16	0		1
MV_Schw	G	9003	118	1	0.789229943133706	
MV_Schw	G	9004	31	1	0.791667533131283	
MV_Schw	T	9005	14	0		1
MV_Schw	G	9006	52	2	0.78354985902497	
MV_Schw	C	9007	25	0		1
MV_Schw	C	9008	159	1	0.437783686960654	
MV_Schw	G	9009	357	5	0.795198078226602	
MV_Schw	T	9010	16	0		1
MV_Schw	C	9011	68	1		1
MV_Schw	A	9012	8	0		1
MV_Schw	C	9013	153	4		1
MV_Schw	T	9014	10	0		1
MV_Schw	T	9015	12	0		1
MV_Schw	C	9016	37	1	0.88950624150852	
MV_Schw	T	9017	19	0		1
MV_Schw	G	9018	39	1		1
MV_Schw	T	9019	25	0		1
MV_Schw	G	9020	58	1		1
MV_Schw	T	9021	12	0		1
MV_Schw	G	9022	6	0		1
MV_Schw	C	9023	56	0	0.950262622850522	
MV_Schw	T	9024	31	0		1
MV_Schw	T	9025	124	2		1
MV_Schw	G	9026	275	0	0.0053225710348792	
MV_Schw	C	9027	297	3	0.503622649662695	
MV_Schw	G	9028	66	1		1
MV_Schw	G	9029	52	1		1
MV_Schw	A	9030	14	1	0.944879389258477	
MV_Schw	C	9031	93	3	0.747390316041078	
MV_Schw	T	9032	105	0	0.37877131423274	
MV_Schw	C	9033	116	1		1
MV_Schw	A	9034	33	1		1

MV_Schw	G	9035	23	1	0.658415249679101
MV_Schw	A	9036	74	0	0.795198078226602
MV_Schw	A	9037	52	2	0.78354985902497
MV_Schw	T	9038	45	0	1
MV_Schw	C	9039	72	2	1
MV_Schw	T	9040	12	0	1
MV_Schw	G	9041	184	5	1
MV_Schw	G	9042	184	2	0.947544583923452
MV_Schw	T	9043	225	6	0.983041048229953
MV_Schw	G	9044	258	1	0.239311637103656
MV_Schw	G	9045	97	1	0.944879389258477
MV_Schw	A	9046	0	0	1
MV_Schw	C	9047	52	1	1
MV_Schw	A	9048	48	1	1
MV_Schw	T	9049	153	3	1
MV_Schw	A	9050	41	0	1
MV_Schw	T	9051	8	0	1
MV_Schw	C	9052	130	1	0.658415249679101
MV_Schw	A	9053	62	1	1
MV_Schw	C	9054	198	3	1
MV_Schw	T	9055	16	0	1
MV_Schw	C	9056	25	0	1
MV_Schw	A	9057	2	0	1
MV_Schw	C	9058	68	1	1
MV_Schw	T	9059	12	1	0.366832525336205
MV_Schw	C	9060	225	1	0.359577424226080
MV_Schw	T	9061	10	0	1
MV_Schw	G	9062	58	0	0.953489044526869
MV_Schw	G	9063	68	0	0.789229943133706
MV_Schw	G	9064	114	2	1
MV_Schw	A	9065	21	1	1
MV_Schw	T	9066	21	0	1
MV_Schw	G	9067	19	1	0.57780206681461
MV_Schw	G	9068	79	0	0.639207655977387
MV_Schw	T	9069	56	1	1
MV_Schw	G	9070	79	2	1

MV_Schw	G	9071	68	2		1
MV_Schw	G	9072	14	0		1
MV_Schw	C	9073	48	3	0.390345857720356	
MV_Schw	A	9074	72	1		1
MV_Schw	T	9075	180	3		1
MV_Schw	G	9076	54	1		1
MV_Schw	G	9077	169	3		1
MV_Schw	G	9078	254	1	0.066634567324381	
MV_Schw	A	9079	12	0		1
MV_Schw	G	9080	657	15		1
MV_Schw	T	9081	6	0		1
MV_Schw	C	9082	345	5		1
MV_Schw	A	9083	97	1	0.944879389258477	
MV_Schw	G	9084	448	8		1
MV_Schw	C	9085	269	4		1
MV_Schw	T	9086	252	3		1
MV_Schw	G	9087	264	1	0.0488236628860313	
MV_Schw	C	9088	267	3	0.943932952068623	
MV_Schw	A	9089	43	0		1
MV_Schw	C	9090	246	3	0.789229943133706	
MV_Schw	A	9091	60	1		1
MV_Schw	G	9092	89	1		1
MV_Schw	T	9093	6	0		1
MV_Schw	C	9094	70	0	0.789229943133706	
MV_Schw	A	9095	266	5		1
MV_Schw	C	9096	134	3		1
MV_Schw	C	9097	171	2		1
MV_Schw	C	9098	211	6	0.875812649023012	
MV_Schw	G	9099	85	0	0.648224297390367	
MV_Schw	G	9100	837	10	0.214586843368945	
MV_Schw	G	9101	101	1	0.944879389258477	
MV_Schw	A	9102	37	1	0.88950624150852	
MV_Schw	A	9103	8	0		1
MV_Schw	G	9104	203	1	0.218380248770346	
MV_Schw	A	9105	43	1		1
MV_Schw	T	9106	39	1		1

MV_Schw	G	9107	78	0	0.638894311640422
MV_Schw	G	9108	48	1	1
MV_Schw	A	9109	114	2	1
MV_Schw	A	9110	35	1	1
MV_Schw	C	9111	132	1	0.983041048229953
MV_Schw	C	9112	62	0	0.789229943133706
MV_Schw	A	9113	8	0	1
MV_Schw	A	9114	318	7	1
MV_Schw	T	9115	95	0	0.499662168427985
MV_Schw	C	9116	698	7	0.08215368620616
MV_Schw	G	9117	114	1	1
MV_Schw	C	9118	89	1	1
MV_Schw	A	9119	27	1	1
MV_Schw	G	9120	289	6	1
MV_Schw	A	9121	10	0	1
MV_Schw	T	9122	81	2	1
MV_Schw	A	9123	25	0	1
MV_Schw	G	9124	33	1	1
MV_Schw	G	9125	56	0	0.950262622850522
MV_Schw	G	9126	17	0	1
MV_Schw	C	9127	295	5	1
MV_Schw	T	9128	45	0	1
MV_Schw	G	9129	141	1	0.542247232322076
MV_Schw	C	9130	81	0	0.641186461810141
MV_Schw	T	9131	118	1	1
MV_Schw	A	9132	112	1	0.789229943133706
MV_Schw	G	9133	143	1	0.542465567021569
MV_Schw	T	9134	29	0	1
MV_Schw	G	9135	130	0	0.222002676269896
MV_Schw	A	9136	68	1	1
MV_Schw	A	9137	45	1	1
MV_Schw	C	9138	202	2	0.822598489333375
MV_Schw	C	9139	97	0	0.503192867159235
MV_Schw	A	9140	25	1	1
MV_Schw	A	9141	79	1	1
MV_Schw	T	9142	16	0	1

MV_Schw	C	9143	143	0	0.161503851613234
MV_Schw	A	9144	21	0	1
MV_Schw	C	9145	122	0	0.298485329352986
MV_Schw	A	9146	17	1	0.983041048229953
MV_Schw	T	9147	27	1	1
MV_Schw	G	9148	23	1	0.658415249679101
MV_Schw	A	9149	6	0	1
MV_Schw	T	9150	39	0	1
MV_Schw	G	9151	52	0	0.950262622850522
MV_Schw	T	9152	0	0	1
MV_Schw	C	9153	43	0	1
MV_Schw	A	9154	17	0	1
MV_Schw	C	9155	384	4	0.445919862395878
MV_Schw	C	9156	50	0	0.950262622850522
MV_Schw	C	9157	302	0	0.002551082569142
MV_Schw	A	9158	31	0	1
MV_Schw	G	9159	89	2	1
MV_Schw	A	9160	14	0	1
MV_Schw	C	9161	122	1	0.791667533131283
MV_Schw	A	9162	33	0	1
MV_Schw	T	9163	4	0	1
MV_Schw	C	9164	68	0	0.789229943133706
MV_Schw	A	9165	45	2	0.65158773158174
MV_Schw	G	9166	264	3	0.684463566136253
MV_Schw	G	9167	31	1	1
MV_Schw	C	9168	331	6	1
MV_Schw	A	9169	12	0	1
MV_Schw	T	9170	6	0	1
MV_Schw	A	9171	43	0	1
MV_Schw	C	9172	43	1	0.950262622850522
MV_Schw	C	9173	35	1	1
MV_Schw	C	9174	45	1	1
MV_Schw	A	9175	83	3	0.678058690427187
MV_Schw	C	9176	83	1	1
MV_Schw	T	9177	48	2	0.709032941865358
MV_Schw	A	9178	2	0	1

MV_Schw	G	9179	68	2		1
MV_Schw	T	9180	23	0		1
MV_Schw	G	9181	203	2	0.822598489333375	
MV_Schw	T	9182	17	0		1
MV_Schw	G	9183	68	2		1
MV_Schw	A	9184	29	2	0.389821719583598	
MV_Schw	A	9185	31	2	0.428411386231373	
MV_Schw	A	9186	107	3	0.950262622850522	
MV_Schw	T	9187	169	4		1
MV_Schw	A	9188	25	0		1
MV_Schw	G	9189	47	6	0.000967092115797442	
MV_Schw	A	9190	2	1	0.491835918445353	
MV_Schw	C	9191	79	5	0.0553595256463226	
MV_Schw	A	9192	31	1		1
MV_Schw	T	9193	54	1		1
MV_Schw	C	9194	52	1		1
MV_Schw	A	9195	4	0		1
MV_Schw	G	9196	112	6	0.107199991629516	
MV_Schw	A	9197	4	1	0.136107188572645	
MV_Schw	A	9198	23	1		1
MV_Schw	T	9199	6	0		1
MV_Schw	T	9200	4	0		1
MV_Schw	NA	9201	0	0		NA
MV_Schw	A	9202	17	0		1
MV_Schw	G	9203	248	2	0.528869794103543	
MV_Schw	A	9204	8	0		1
MV_Schw	A	9205	17	1	0.983041048229953	
MV_Schw	A	9206	2	0		1
MV_Schw	A	9207	6	0		1
MV_Schw	A	9208	2	0		1
MV_Schw	C	9209	81	1		1
MV_Schw	G	9210	81	0	0.641186461810141	
MV_Schw	T	9211	4	0		1
MV_Schw	A	9212	27	0		1
MV_Schw	G	9213	16	0		1
MV_Schw	G	9214	8	0		1

MV_Schw	G	9215	147	1	0.547090293958293
MV_Schw	T	9216	17	0	1
MV_Schw	C	9217	21	0	1
MV_Schw	C	9218	70	0	0.789229943133706
MV_Schw	A	9219	43	1	1
MV_Schw	A	9220	93	1	1
MV_Schw	G	9221	295	7	1
MV_Schw	T	9222	56	1	1
MV_Schw	G	9223	41	1	0.945767847051808
MV_Schw	G	9224	198	1	0.54661929710701
MV_Schw	T	9225	29	1	0.789229943133706
MV_Schw	T	9226	27	1	1
MV_Schw	C	9227	105	1	0.944944073306986
MV_Schw	C	9228	124	1	1
MV_Schw	C	9229	256	2	0.437582500382461
MV_Schw	C	9230	45	0	1
MV_Schw	G	9231	640	7	0.318404918524533
MV_Schw	T	9232	14	0	1
MV_Schw	T	9233	159	1	0.437783686960654
MV_Schw	A	9234	37	0	1
MV_Schw	T	9235	48	1	1
MV_Schw	G	9236	87	1	1
MV_Schw	G	9237	37	0	1
MV_Schw	A	9238	14	0	1
MV_Schw	C	9239	112	2	1
MV_Schw	T	9240	78	1	1
MV_Schw	C	9241	29	0	1
MV_Schw	G	9242	215	0	0.0320573639632113
MV_Schw	C	9243	47	1	1
MV_Schw	T	9244	118	0	0.296802961873227
MV_Schw	A	9245	31	0	1
MV_Schw	T	9246	10	0	1
MV_Schw	C	9247	37	0	1
MV_Schw	T	9248	41	1	1
MV_Schw	G	9249	196	0	0.0437133877334182
MV_Schw	T	9250	2	0	1

MV_Schw	C	9251	29	1		1
MV_Schw	A	9252	27	0		1
MV_Schw	A	9253	70	1		1
MV_Schw	C	9254	107	1	0.945767847051808	
MV_Schw	C	9255	78	0	0.638894311640422	
MV_Schw	A	9256	23	0		1
MV_Schw	G	9257	70	0	0.789229943133706	
MV_Schw	A	9258	31	0		1
MV_Schw	T	9259	41	3	0.297586725038221	
MV_Schw	C	9260	120	0	0.297586725038221	
MV_Schw	T	9261	12	0		1
MV_Schw	T	9262	48	0	0.950262622850522	
MV_Schw	A	9263	25	0		1
MV_Schw	T	9264	29	0		1
MV_Schw	A	9265	4	0		1
MV_Schw	C	9266	33	0		1
MV_Schw	C	9267	62	0	0.789229943133706	
MV_Schw	C	9268	667	2	0.000103795185350739	
MV_Schw	T	9269	85	1		1
MV_Schw	G	9270	109	0	0.381672248067152	
MV_Schw	A	9271	79	0	0.639207655977387	
MV_Schw	A	9272	39	1		1
MV_Schw	G	9273	126	2		1
MV_Schw	T	9274	14	0		1
MV_Schw	T	9275	2	0		1
MV_Schw	C	9276	68	0	0.789229943133706	
MV_Schw	A	9277	45	1		1
MV_Schw	C	9278	419	3	0.0728223341477839	
MV_Schw	C	9279	110	1	0.789229943133706	
MV_Schw	T	9280	16	0		1
MV_Schw	A	9281	12	0		1
MV_Schw	G	9282	23	0		1
MV_Schw	A	9283	56	0	0.950262622850522	
MV_Schw	T	9284	64	1		1
MV_Schw	A	9285	6	0		1
MV_Schw	G	9286	48	0	0.950262622850522	

MV_Schw	C	9287	68	1		1
MV_Schw	C	9288	312	3	0.647007014396193	
MV_Schw	C	9289	273	1	0.0503522340284269	
MV_Schw	G	9290	89	0	0.497615650989996	
MV_Schw	A	9291	62	1		1
MV_Schw	T	9292	56	1		1
MV_Schw	A	9293	29	0		1
MV_Schw	G	9294	134	1	0.66330042087892	
MV_Schw	T	9295	10	0		1
MV_Schw	T	9296	45	1		1
MV_Schw	A	9297	29	1		1
MV_Schw	C	9298	23	0		1
MV_Schw	C	9299	167	1	0.788293646497135	
MV_Schw	A	9300	16	0		1
MV_Schw	A	9301	27	0		1
MV_Schw	T	9302	39	0		1
MV_Schw	A	9303	31	0		1
MV_Schw	A	9304	21	0		1
MV_Schw	G	9305	68	0	0.789229943133706	
MV_Schw	A	9306	16	0		1
MV_Schw	T	9307	23	0		1
MV_Schw	A	9308	23	0		1
MV_Schw	G	9309	41	0		1
MV_Schw	T	9310	110	1		1
MV_Schw	A	9311	33	0		1
MV_Schw	G	9312	172	3		1
MV_Schw	C	9313	78	0	0.638894311640422	
MV_Schw	C	9314	17	0		1
MV_Schw	A	9315	45	0		1
MV_Schw	T	9316	41	0		1
MV_Schw	C	9317	81	0	0.641186461810141	
MV_Schw	C	9318	297	0	0.00386997644741331	
MV_Schw	T	9319	43	0		1
MV_Schw	G	9320	271	1	0.187874728258615	
MV_Schw	G	9321	56	1		1
MV_Schw	A	9322	33	0		1

MV_Schw	G	9323	124	1		1
MV_Schw	T	9324	2	0		1
MV_Schw	A	9325	2	0		1
MV_Schw	T	9326	29	0		1
MV_Schw	G	9327	56	0	0.950262622850522	
MV_Schw	C	9328	329	1	0.0458957151329842	
MV_Schw	T	9329	37	0		1
MV_Schw	C	9330	116	0	0.296710762771661	
MV_Schw	G	9331	417	0	0.000140843514964297	
MV_Schw	A	9332	29	0		1
MV_Schw	G	9333	405	7		1
MV_Schw	T	9334	4	0		1
MV_Schw	C	9335	23	0		1
MV_Schw	C	9336	31	0		1
MV_Schw	C	9337	110	0	0.385864542883514	
MV_Schw	T	9338	120	1		1
MV_Schw	C	9339	136	0	0.224063006917908	
MV_Schw	A	9340	14	1	0.944879389258477	
MV_Schw	C	9341	124	2		1
MV_Schw	G	9342	17	0		1
MV_Schw	C	9343	39	1	0.9314909603024	
MV_Schw	T	9344	10	1	0.822598489333375	
MV_Schw	T	9345	4	0		1
MV_Schw	A	9346	19	0		1
MV_Schw	C	9347	62	1		1
MV_Schw	NA	9348	0	0		NA
MV_Schw	G	9349	33	0		1
MV_Schw	C	9350	37	0		1
MV_Schw	C	9351	62	0	0.789229943133706	
MV_Schw	T	9352	29	0		1
MV_Schw	G	9353	136	2		1
MV_Schw	G	9354	221	2	0.746970975838775	
MV_Schw	A	9355	17	0		1
MV_Schw	G	9356	126	1		1
MV_Schw	G	9357	25	1		1
MV_Schw	A	9358	14	0		1

MV_Schw	C	9359	45	0		1
MV_Schw	C	9360	81	0	0.641186461810141	
MV_Schw	C	9361	174	1	0.648224297390367	
MV_Schw	T	9362	27	1		1
MV_Schw	A	9363	19	0		1
MV_Schw	C	9364	151	2		1
MV_Schw	A	9365	14	0		1
MV_Schw	C	9366	83	1		1
MV_Schw	T	9367	8	0		1
MV_Schw	G	9368	23	0		1
MV_Schw	T	9369	29	0		1
MV_Schw	G	9370	176	1	0.34703042205032	
MV_Schw	T	9371	58	0	0.953489044526869	
MV_Schw	C	9372	172	0	0.0854265304031386	
MV_Schw	A	9373	165	0	0.121895614141351	
MV_Schw	G	9374	351	1	0.00720618061335525	
MV_Schw	A	9375	21	0		1
MV_Schw	A	9376	132	1	0.659520109379356	
MV_Schw	C	9377	188	2	0.950262622850522	
MV_Schw	A	9378	31	0		1
MV_Schw	T	9379	23	0		1
MV_Schw	C	9380	132	1	0.983041048229953	
MV_Schw	A	9381	126	1	0.658415249679101	
MV_Schw	A	9382	41	0		1
MV_Schw	G	9383	188	2	0.950262622850522	
MV_Schw	C	9384	510	3	0.0350079134757893	
MV_Schw	A	9385	25	0		1
MV_Schw	C	9386	35	1		1
MV_Schw	C	9387	37	1		1
MV_Schw	G	9388	105	0	0.37877131423274	
MV_Schw	C	9389	39	0		1
MV_Schw	C	9390	29	0		1
MV_Schw	T	9391	81	0	0.641186461810141	
MV_Schw	A	9392	89	1		1
MV_Schw	A	9393	8	0		1
MV_Schw	A	9394	12	0		1

MV_Schw	A	9395	25	0		1
MV_Schw	A	9396	35	1		1
MV_Schw	A	9397	16	0		1
MV_Schw	C	9398	124	1		1
MV_Schw	G	9399	101	2		1
MV_Schw	G	9400	58	1		1
MV_Schw	A	9401	23	0		1
MV_Schw	T	9402	6	0		1
MV_Schw	T	9403	17	0		1
MV_Schw	T	9404	14	0		1
MV_Schw	T	9405	14	0		1
MV_Schw	C	9406	17	0		1
MV_Schw	C	9407	308	4	0.863499923807603	
MV_Schw	A	9408	10	0		1
MV_Schw	A	9409	14	0		1
MV_Schw	C	9410	17	0		1
MV_Schw	C	9411	16	0		1
MV_Schw	A	9412	8	0		1
MV_Schw	A	9413	4	0		1
MV_Schw	A	9414	17	0		1
MV_Schw	T	9415	21	1		1
MV_Schw	G	9416	4	0		1
MV_Schw	A	9417	4	0		1
MV_Schw	T	9418	2	0		1
MV_Schw	T	9419	8	0		1
MV_Schw	A	9420	4	0		1
MV_Schw	T	9421	4	0		1
MV_Schw	A	9422	101	1	0.944879389258477	
MV_Schw	A	9423	8	0		1
MV_Schw	A	9424	16	0		1
MV_Schw	C	9425	56	0	0.950262622850522	
MV_Schw	A	9426	6	0		1
MV_Schw	NA	9427	0	0		NA
MV_Schw	T	9428	17	0		1
MV_Schw	G	9429	134	3		1
MV_Schw	T	9430	29	1	0.789229943133706	

MV_Schw	G	9431	29	0		1
MV_Schw	G	9432	21	0		1
MV_Schw	A	9433	16	0		1
MV_Schw	A	9434	12	0		1
MV_Schw	G	9435	120	1		1
MV_Schw	T	9436	23	1		1
MV_Schw	T	9437	182	1	0.65158773158174	
MV_Schw	G	9438	105	1		1
MV_Schw	G	9439	132	1	0.983041048229953	
MV_Schw	G	9440	47	0		1
MV_Schw	A	9441	12	0		1
MV_Schw	A	9442	70	0	0.789229943133706	
MV_Schw	T	9443	12	0		1
MV_Schw	G	9444	81	0	0.641186461810141	
MV_Schw	T	9445	8	0		1
MV_Schw	C	9446	93	1		1
MV_Schw	A	9447	401	7		1
MV_Schw	T	9448	68	2		1
MV_Schw	C	9449	169	1	0.341186273229673	
MV_Schw	A	9450	12	0		1
MV_Schw	A	9451	6	0		1
MV_Schw	G	9452	153	1	0.436311974989592	
MV_Schw	T	9453	23	0		1
MV_Schw	C	9454	47	1		1
MV_Schw	C	9455	35	1		1
MV_Schw	A	9456	19	1	0.57780206681461	
MV_Schw	A	9457	31	0		1
MV_Schw	G	9458	101	1	0.944879389258477	
MV_Schw	C	9459	83	1		1
MV_Schw	T	9460	14	0		1
MV_Schw	T	9461	4	0		1
MV_Schw	A	9462	25	0		1
MV_Schw	G	9463	130	2		1
MV_Schw	G	9464	33	0		1
MV_Schw	A	9465	23	0		1
MV_Schw	G	9466	43	0		1

MV_Schw	T	9467	4	0	1
MV_Schw	T	9468	8	0	1
MV_Schw	A	9469	85	0	0.648224297390367
MV_Schw	T	9470	39	0	1
MV_Schw	C	9471	143	1	0.542465567021569
MV_Schw	C	9472	97	1	0.944879389258477
MV_Schw	G	9473	165	2	1
MV_Schw	G	9474	95	0	0.499662168427985
MV_Schw	C	9475	126	1	1
MV_Schw	C	9476	68	0	0.789229943133706
MV_Schw	C	9477	56	0	0.950262622850522
MV_Schw	A	9478	6	0	1
MV_Schw	C	9479	54	0	0.950262622850522
MV_Schw	T	9480	14	0	1
MV_Schw	C	9481	60	1	1
MV_Schw	T	9482	17	0	1
MV_Schw	C	9483	23	0	1
MV_Schw	A	9484	54	0	0.950262622850522
MV_Schw	T	9485	41	0	1
MV_Schw	A	9486	21	1	0.632968068765344
MV_Schw	T	9487	6	0	1
MV_Schw	T	9488	72	0	0.791667533131283
MV_Schw	C	9489	6	1	0.704667204683568
MV_Schw	C	9490	180	1	0.649372270546162
MV_Schw	A	9491	37	1	0.88950624150852
MV_Schw	T	9492	35	0	1
MV_Schw	A	9493	6	1	0.704667204683568
MV_Schw	T	9494	10	0	1
MV_Schw	C	9495	23	0	1
MV_Schw	C	9496	10	0	1
MV_Schw	A	9497	43	0	1
MV_Schw	A	9498	16	1	0.950262622850522
MV_Schw	A	9499	85	1	1
MV_Schw	T	9500	19	0	1
MV_Schw	T	9501	17	0	1
MV_Schw	G	9502	16	1	0.950262622850522

MV_Schw	T	9503	6	0		1
MV_Schw	A	9504	21	0		1
MV_Schw	A	9505	31	0		1
MV_Schw	T	9506	19	0		1
MV_Schw	C	9507	29	1		1
MV_Schw	A	9508	10	0		1
MV_Schw	G	9509	43	0		1
MV_Schw	G	9510	233	0	0.0235202211426643	
MV_Schw	A	9511	35	1		1
MV_Schw	T	9512	21	0		1
MV_Schw	T	9513	2	0		1
MV_Schw	T	9514	10	0		1
MV_Schw	A	9515	66	1		1
MV_Schw	T	9516	6	0		1
MV_Schw	T	9517	79	1		1
MV_Schw	T	9518	6	0		1
MV_Schw	A	9519	2	0		1
MV_Schw	NA	9520	0	0		NA
MV_Schw	C	9521	31	0		1
MV_Schw	A	9522	8	0		1
MV_Schw	T	9523	8	1	0.789229943133706	
MV_Schw	A	9524	12	0		1
MV_Schw	G	9525	16	0		1
MV_Schw	A	9526	25	0		1
MV_Schw	A	9527	10	0		1
MV_Schw	G	9528	50	1		1
MV_Schw	NA	9529	0	0		NA
MV_Schw	C	9530	149	0	0.164331455962041	
MV_Schw	A	9531	33	0		1
MV_Schw	A	9532	8	0		1
MV_Schw	A	9533	33	0		1
MV_Schw	G	9534	37	1	0.88950624150852	
MV_Schw	A	9535	14	0		1
MV_Schw	G	9536	33	1		1
MV_Schw	T	9537	10	0		1
MV_Schw	C	9538	87	1		1

MV_Schw	A	9539	41	1		1
MV_Schw	A	9540	14	0		1
MV_Schw	C	9541	159	2		1
MV_Schw	G	9542	76	2		1
MV_Schw	A	9543	6	0		1
MV_Schw	G	9544	659	11	0.960519793657536	
MV_Schw	G	9545	27	1		1
MV_Schw	A	9546	29	1	0.789229943133706	
MV_Schw	A	9547	33	0		1
MV_Schw	G	9548	50	3	0.199842243730937	
MV_Schw	A	9549	19	0		1
MV_Schw	T	9550	37	0		1
MV_Schw	C	9551	169	1	0.789229943133706	
MV_Schw	C	9552	331	1	0.0459130820227263	
MV_Schw	G	9553	380	1	0.0193508689217628	
MV_Schw	T	9554	21	0		1
MV_Schw	G	9555	300	3	0.751501025978229	
MV_Schw	A	9556	27	0		1
MV_Schw	A	9557	12	0		1
MV_Schw	C	9558	41	3	0.297586725038221	
MV_Schw	T	9559	8	0		1
MV_Schw	C	9560	21	1	0.632968068765344	
MV_Schw	C	9561	151	3		1
MV_Schw	T	9562	16	1	0.950262622850522	
MV_Schw	C	9563	161	0	0.119516505590852	
MV_Schw	A	9564	76	0	0.638894311640422	
MV_Schw	A	9565	16	1	0.950262622850522	
MV_Schw	A	9566	2	0		1
MV_Schw	A	9567	17	0		1
MV_Schw	A	9568	39	1	0.9314909603024	
MV_Schw	G	9569	165	6	0.497615650989996	
MV_Schw	G	9570	29	1	0.789229943133706	
MV_Schw	G	9571	78	2		1
MV_Schw	G	9572	21	0		1
MV_Schw	A	9573	4	0		1
MV_Schw	A	9574	50	0	0.950262622850522	

MV_Schw	T	9575	10	0		1
MV_Schw	T	9576	21	0		1
MV_Schw	C	9577	79	2		1
MV_Schw	G	9578	39	0		1
MV_Schw	C	9579	300	1	0.0273324763659365	
MV_Schw	T	9580	35	0		1
MV_Schw	G	9581	39	0		1
MV_Schw	NA	9582	0	0		NA
MV_Schw	A	9583	6	0		1
MV_Schw	C	9584	35	1		1
MV_Schw	T	9585	47	1		1
MV_Schw	C	9586	47	0		1
MV_Schw	C	9587	97	0	0.503192867159235	
MV_Schw	A	9588	16	0		1
MV_Schw	A	9589	4	0		1
MV_Schw	NA	9590	0	0		NA
MV_Schw	G	9591	107	0	0.380027812845055	
MV_Schw	T	9592	4	0		1
MV_Schw	C	9593	56	1		1
MV_Schw	A	9594	19	0		1
MV_Schw	G	9595	72	1		1
MV_Schw	T	9596	2	0		1
MV_Schw	G	9597	16	0		1
MV_Schw	A	9598	12	0		1
MV_Schw	T	9599	17	0		1
MV_Schw	A	9600	4	0		1
MV_Schw	A	9601	31	0		1
MV_Schw	G	9602	23	0		1
MV_Schw	G	9603	236	1	0.0898677847554452	
MV_Schw	T	9604	8	0		1
MV_Schw	T	9605	10	0		1
MV_Schw	T	9606	19	0		1
MV_Schw	T	9607	8	0		1
MV_Schw	C	9608	64	0	0.789229943133706	
MV_Schw	C	9609	194	1	0.288870964410068	
MV_Schw	A	9610	17	0		1

MV_Schw	A	9611	12	0		1
MV_Schw	T	9612	16	0		1
MV_Schw	G	9613	37	0		1
MV_Schw	C	9614	27	0		1
MV_Schw	T	9615	8	0		1
MV_Schw	T	9616	29	0		1
MV_Schw	A	9617	31	0		1
MV_Schw	A	9618	21	1		1
MV_Schw	G	9619	254	1	0.236329415529751	
MV_Schw	G	9620	41	0		1
MV_Schw	G	9621	16	1	0.950262622850522	
MV_Schw	A	9622	6	0		1
MV_Schw	C	9623	161	1	0.78470776546672	
MV_Schw	A	9624	33	1		1
MV_Schw	C	9625	236	3	0.88950624150852	
MV_Schw	T	9626	60	1		1
MV_Schw	A	9627	14	0		1
MV_Schw	A	9628	8	0		1
MV_Schw	C	9629	413	5	0.571599593585026	
MV_Schw	T	9630	27	0		1
MV_Schw	C	9631	413	3	0.189817598380461	
MV_Schw	A	9632	12	0		1
MV_Schw	C	9633	68	0	0.789229943133706	
MV_Schw	G	9634	39	1		1
MV_Schw	G	9635	89	0	0.497615650989996	
MV_Schw	C	9636	122	1	0.791667533131283	
MV_Schw	T	9637	16	0		1
MV_Schw	T	9638	10	0		1
MV_Schw	G	9639	203	1	0.218380248770346	
MV_Schw	G	9640	41	0		1
MV_Schw	C	9641	62	1		1
MV_Schw	C	9642	72	1		1
MV_Schw	T	9643	10	0		1
MV_Schw	A	9644	6	1	0.198154988453258	
MV_Schw	G	9645	83	3	0.897349285586955	
MV_Schw	G	9646	29	1		1

MV_Schw	C	9647	48	1		1
MV_Schw	T	9648	112	1	0.789229943133706	
MV_Schw	C	9649	81	1		1
MV_Schw	C	9650	35	1		1
MV_Schw	G	9651	50	1		1
MV_Schw	A	9652	45	0		1
MV_Schw	A	9653	27	1		1
MV_Schw	T	9654	8	1	0.789229943133706	
MV_Schw	T	9655	16	0		1
MV_Schw	G	9656	21	1		1
MV_Schw	A	9657	21	1		1
MV_Schw	G	9658	355	7		1
MV_Schw	G	9659	50	2	0.746970975838775	
MV_Schw	G	9660	47	1		1
MV_Schw	A	9661	97	1		1
MV_Schw	G	9662	78	1		1
MV_Schw	G	9663	105	1		1
MV_Schw	A	9664	29	0		1
MV_Schw	C	9665	91	1		1
MV_Schw	A	9666	41	0		1
MV_Schw	T	9667	12	0		1
MV_Schw	C	9668	155	1	0.436311974989592	
MV_Schw	A	9669	41	1	0.945767847051808	
MV_Schw	A	9670	83	0	0.645428736569362	
MV_Schw	G	9671	260	5		1
MV_Schw	G	9672	591	7	0.346363438943306	
MV_Schw	A	9673	8	1	0.789229943133706	
MV_Schw	G	9674	269	5		1
MV_Schw	A	9675	58	1		1
MV_Schw	A	9676	48	1		1
MV_Schw	A	9677	14	1	0.944879389258477	
MV_Schw	G	9678	101	3		1
MV_Schw	T	9679	23	0		1
MV_Schw	T	9680	45	1		1
MV_Schw	A	9681	132	1	0.659520109379356	
MV_Schw	T	9682	39	1		1

MV_Schw	T	9683	54	0	0.950262622850522
MV_Schw	A	9684	17	1	0.983041048229953
MV_Schw	A	9685	4	0	1
MV_Schw	C	9686	188	3	1
MV_Schw	T	9687	109	1	1
MV_Schw	T	9688	107	2	1
MV_Schw	G	9689	91	0	0.497615650989996
MV_Schw	G	9690	87	0	0.653463094391213
MV_Schw	G	9691	74	1	1
MV_Schw	A	9692	39	0	1
MV_Schw	G	9693	153	3	1
MV_Schw	T	9694	25	0	1
MV_Schw	T	9695	6	0	1
MV_Schw	T	9696	35	1	1
MV_Schw	A	9697	31	0	1
MV_Schw	C	9698	128	1	1
MV_Schw	A	9699	23	1	1
MV_Schw	T	9700	85	0	0.648224297390367
MV_Schw	G	9701	31	1	0.791667533131283
MV_Schw	C	9702	136	2	1
MV_Schw	A	9703	25	0	1
MV_Schw	C	9704	66	0	0.789229943133706
MV_Schw	A	9705	43	1	0.950262622850522
MV_Schw	G	9706	17	0	1
MV_Schw	C	9707	45	1	1
MV_Schw	T	9708	8	0	1
MV_Schw	C	9709	54	0	0.950262622850522
MV_Schw	C	9710	19	0	1
MV_Schw	C	9711	155	1	0.88950624150852
MV_Schw	A	9712	76	0	0.638894311640422
MV_Schw	G	9713	227	1	0.362346869888542
MV_Schw	T	9714	14	0	1
MV_Schw	G	9715	31	0	1
MV_Schw	G	9716	211	0	0.03148485115913
MV_Schw	T	9717	19	1	1
MV_Schw	T	9718	45	0	1

MV_Schw	T	9719	64	1		1
MV_Schw	G	9720	99	3		1
MV_Schw	A	9721	47	0		1
MV_Schw	G	9722	246	2	0.528591092326266	
MV_Schw	C	9723	196	7	0.57780206681461	
MV_Schw	C	9724	21	0		1
MV_Schw	C	9725	23	1		1
MV_Schw	T	9726	31	0		1
MV_Schw	T	9727	33	0		1
MV_Schw	T	9728	47	0		1
MV_Schw	C	9729	39	0		1
MV_Schw	NA	9730	0	0		NA
MV_Schw	G	9731	172	1	0.342651296301386	
MV_Schw	T	9732	43	0		1
MV_Schw	T	9733	35	0		1
MV_Schw	T	9734	35	0		1
MV_Schw	T	9735	17	0		1
MV_Schw	G	9736	29	1		1
MV_Schw	G	9737	107	1	0.945767847051808	
MV_Schw	T	9738	33	1		1
MV_Schw	T	9739	16	0		1
MV_Schw	T	9740	0	0		1
MV_Schw	A	9741	0	1	0.307480793677112	
MV_Schw	C	9742	23	1		1
MV_Schw	A	9743	27	0		1
MV_Schw	G	9744	109	0	0.381672248067152	
MV_Schw	T	9745	52	0	0.950262622850522	
MV_Schw	C	9746	47	0		1
MV_Schw	A	9747	29	0		1
MV_Schw	A	9748	10	0		1
MV_Schw	G	9749	151	1	0.88950624150852	
MV_Schw	A	9750	29	0		1
MV_Schw	C	9751	231	2	0.63332687953074	
MV_Schw	T	9752	6	0		1
MV_Schw	G	9753	12	1	0.88950624150852	
MV_Schw	A	9754	47	0		1

MV_Schw	G	9755	110	0	0.385864542883514	
MV_Schw	A	9756	64	1		1
MV_Schw	T	9757	54	1		1
MV_Schw	G	9758	19	0		1
MV_Schw	A	9759	16	0		1
MV_Schw	G	9760	186	1	0.278307737263878	
MV_Schw	G	9761	248	0	0.0109464716562247	
MV_Schw	T	9762	23	0		1
MV_Schw	C	9763	118	0	0.296802961873227	
MV_Schw	A	9764	25	0		1
MV_Schw	G	9765	122	1	0.791667533131283	
MV_Schw	T	9766	41	0		1
MV_Schw	G	9767	138	2		1
MV_Schw	A	9768	45	0		1
MV_Schw	T	9769	45	0		1
MV_Schw	T	9770	14	1	0.426789350155389	
MV_Schw	A	9771	83	1		1
MV_Schw	A	9772	12	0		1
MV_Schw	A	9773	48	0	0.950262622850522	
MV_Schw	T	9774	87	1		1
MV_Schw	C	9775	345	1	0.0340037371952465	
MV_Schw	A	9776	8	0		1
MV_Schw	C	9777	110	2		1
MV_Schw	A	9778	14	0		1
MV_Schw	A	9779	27	1		1
MV_Schw	A	9780	4	0		1
MV_Schw	C	9781	176	0	0.0873173091778286	
MV_Schw	C	9782	8	1	0.258627633593378	
MV_Schw	C	9783	19	0		1
MV_Schw	A	9784	14	1	0.944879389258477	
MV_Schw	T	9785	21	1		1
MV_Schw	A	9786	21	0		1
MV_Schw	C	9787	58	0	0.953489044526869	
MV_Schw	T	9788	41	0		1
MV_Schw	T	9789	37	0		1
MV_Schw	G	9790	143	3		1

MV_Schw	C	9791	109	1		1
MV_Schw	C	9792	174	2		1
MV_Schw	A	9793	54	1		1
MV_Schw	T	9794	21	0		1
MV_Schw	A	9795	27	0		1
MV_Schw	G	9796	70	1		1
MV_Schw	G	9797	136	1	0.983041048229953	
MV_Schw	A	9798	62	1		1
MV_Schw	G	9799	124	1	0.791667533131283	
MV_Schw	G	9800	209	1	0.161035028661221	
MV_Schw	A	9801	29	1		1
MV_Schw	G	9802	157	1	0.436962346550212	
MV_Schw	A	9803	14	0		1
MV_Schw	C	9804	417	3	0.072815586219973	
MV_Schw	A	9805	6	0		1
MV_Schw	C	9806	161	1	0.440157375549872	
MV_Schw	A	9807	174	3		1
MV_Schw	C	9808	68	0	0.789229943133706	
MV_Schw	A	9809	70	1		1
MV_Schw	C	9810	45	0		1
MV_Schw	C	9811	78	0	0.638894311640422	
MV_Schw	T	9812	14	0		1
MV_Schw	G	9813	157	1	0.88950624150852	
MV_Schw	T	9814	10	0		1
MV_Schw	A	9815	39	0		1
MV_Schw	T	9816	37	0		1
MV_Schw	T	9817	10	0		1
MV_Schw	C	9818	66	1		1
MV_Schw	T	9819	35	0		1
MV_Schw	T	9820	16	1	0.950262622850522	
MV_Schw	C	9821	221	1	0.356200658338914	
MV_Schw	A	9822	16	0		1
MV_Schw	C	9823	54	0	0.950262622850522	
MV_Schw	T	9824	35	0		1
MV_Schw	G	9825	12	0		1
MV_Schw	G	9826	33	0		1

MV_Schw	NA	9827	0	0	NA
MV_Schw	A	9828	10	0	1
MV_Schw	G	9829	120	2	1
MV_Schw	NA	9830	0	0	NA
MV_Schw	T	9831	4	0	1
MV_Schw	C	9832	19	0	1
MV_Schw	A	9833	27	0	1
MV_Schw	G	9834	74	1	1
MV_Schw	T	9835	14	0	1
MV_Schw	T	9836	47	0	1
MV_Schw	G	9837	8	0	1
MV_Schw	NA	9838	0	0	NA
MV_Schw	G	9839	252	1	0.235179608025014
MV_Schw	T	9840	74	0	0.795198078226602
MV_Schw	T	9841	50	1	1
MV_Schw	G	9842	48	0	0.950262622850522
MV_Schw	C	9843	138	1	0.673422966374487
MV_Schw	T	9844	155	0	0.118807954027477
MV_Schw	A	9845	250	1	0.234360961542297
MV_Schw	A	9846	25	0	1
MV_Schw	T	9847	52	0	0.950262622850522
MV_Schw	C	9848	85	1	1
MV_Schw	T	9849	21	0	1
MV_Schw	C	9850	198	2	0.822598489333375
MV_Schw	T	9851	37	0	1
MV_Schw	C	9852	140	1	0.986363032184908
MV_Schw	G	9853	171	1	0.789229943133706
MV_Schw	T	9854	37	1	1
MV_Schw	G	9855	21	0	1
MV_Schw	A	9856	8	0	1
MV_Schw	C	9857	89	1	1
MV_Schw	C	9858	48	0	0.950262622850522
MV_Schw	NA	9859	0	0	NA
MV_Schw	T	9860	19	0	1
MV_Schw	G	9861	47	0	1
MV_Schw	T	9862	14	0	1

MV_Schw	T	9863	60	0	0.957721317456694
MV_Schw	G	9864	202	2	0.822598489333375
MV_Schw	C	9865	50	0	0.950262622850522
MV_Schw	T	9866	14	0	1
MV_Schw	A	9867	85	2	1
MV_Schw	T	9868	27	0	1
MV_Schw	A	9869	19	1	0.57780206681461
MV_Schw	A	9870	17	0	1
MV_Schw	T	9871	14	0	1
MV_Schw	C	9872	39	0	1
MV_Schw	A	9873	23	1	1
MV_Schw	G	9874	118	1	1
MV_Schw	T	9875	58	1	1
MV_Schw	A	9876	47	1	1
MV_Schw	A	9877	35	0	1
MV_Schw	A	9878	47	0	1
MV_Schw	G	9879	103	0	0.37877131423274
MV_Schw	A	9880	12	0	1
MV_Schw	G	9881	74	2	1
MV_Schw	T	9882	33	1	0.822598489333375
MV_Schw	C	9883	128	1	0.658415249679101
MV_Schw	T	9884	89	1	1
MV_Schw	C	9885	91	1	1
MV_Schw	A	9886	76	0	0.638894311640422
MV_Schw	A	9887	52	0	0.950262622850522
MV_Schw	C	9888	260	1	0.0687788015376242
MV_Schw	A	9889	50	0	0.950262622850522
MV_Schw	T	9890	31	0	1
MV_Schw	G	9891	31	0	1
MV_Schw	T	9892	8	0	1
MV_Schw	A	9893	128	1	0.658415249679101
MV_Schw	T	9894	37	0	1
MV_Schw	A	9895	41	1	1
MV_Schw	T	9896	2	0	1
MV_Schw	T	9897	23	0	1
MV_Schw	A	9898	10	0	1

MV_Schw	C	9899	130	3		1
MV_Schw	C	9900	155	0	0.118807954027477	
MV_Schw	T	9901	176	0	0.0873173091778286	
MV_Schw	G	9902	27	0		1
MV_Schw	A	9903	0	1	0.307480793677112	
MV_Schw	C	9904	60	1		1
MV_Schw	A	9905	60	0	0.957721317456694	
MV_Schw	T	9906	79	0	0.639207655977387	
MV_Schw	T	9907	4	0		1
MV_Schw	T	9908	6	0		1
MV_Schw	G	9909	45	0		1
MV_Schw	A	9910	8	0		1
MV_Schw	A	9911	66	0	0.789229943133706	
MV_Schw	C	9912	190	1	0.542247232322076	
MV_Schw	T	9913	12	0		1
MV_Schw	G	9914	4	0		1
MV_Schw	G	9915	99	1	0.944879389258477	
MV_Schw	T	9916	50	1		1
MV_Schw	T	9917	10	0		1
MV_Schw	T	9918	27	0		1
MV_Schw	T	9919	8	0		1
MV_Schw	G	9920	21	0		1
MV_Schw	A	9921	4	0		1
MV_Schw	T	9922	27	0		1
MV_Schw	G	9923	17	0		1
MV_Schw	T	9924	2	0		1
MV_Schw	A	9925	17	0		1
MV_Schw	T	9926	47	0		1
MV_Schw	T	9927	31	0		1
MV_Schw	G	9928	85	1		1
MV_Schw	T	9929	43	0		1
MV_Schw	G	9930	29	0		1
MV_Schw	A	9931	31	0		1
MV_Schw	T	9932	19	0		1
MV_Schw	G	9933	66	1		1
MV_Schw	T	9934	2	0		1

MV_Schw	C	9935	25	0		1
MV_Schw	A	9936	76	0	0.638894311640422	
MV_Schw	T	9937	52	1		1
MV_Schw	A	9938	27	1		1
MV_Schw	G	9939	54	1		1
MV_Schw	A	9940	23	0		1
MV_Schw	G	9941	231	5		1
MV_Schw	G	9942	109	1		1
MV_Schw	G	9943	78	1		1
MV_Schw	G	9944	58	1		1
MV_Schw	A	9945	2	0		1
MV_Schw	G	9946	136	1	0.667619064364632	
MV_Schw	G	9947	134	2		1
MV_Schw	T	9948	12	0		1
MV_Schw	T	9949	62	0	0.789229943133706	
MV_Schw	A	9950	35	1		1
MV_Schw	A	9951	58	0	0.953489044526869	
MV_Schw	T	9952	105	0	0.37877131423274	
MV_Schw	G	9953	333	2	0.151437812318609	
MV_Schw	A	9954	17	1	0.983041048229953	
MV_Schw	C	9955	262	3	0.682748760038921	
MV_Schw	A	9956	37	0		1
MV_Schw	G	9957	134	1	0.66330042087892	
MV_Schw	A	9958	10	0		1
MV_Schw	G	9959	203	1	0.44280652126772	
MV_Schw	A	9960	47	0		1
MV_Schw	C	9961	169	4		1
MV_Schw	C	9962	64	1		1
MV_Schw	G	9963	62	0	0.789229943133706	
MV_Schw	C	9964	85	1		1
MV_Schw	T	9965	110	0	0.385864542883514	
MV_Schw	A	9966	41	0		1
MV_Schw	T	9967	229	1	0.365713575863648	
MV_Schw	G	9968	48	1		1
MV_Schw	A	9969	0	0		1
MV_Schw	C	9970	27	0		1

MV_Schw	T	9971	39	0		1
MV_Schw	A	9972	60	1		1
MV_Schw	T	9973	17	1	0.983041048229953	
MV_Schw	T	9974	43	1		1
MV_Schw	G	9975	17	0		1
MV_Schw	A	9976	10	0		1
MV_Schw	T	9977	33	0		1
MV_Schw	G	9978	153	1	0.88950624150852	
MV_Schw	C	9979	21	0		1
MV_Schw	T	9980	27	0		1
MV_Schw	A	9981	6	0		1
MV_Schw	G	9982	184	1	0.277229700444564	
MV_Schw	G	9983	33	1		1
MV_Schw	T	9984	6	0		1
MV_Schw	A	9985	14	1	0.944879389258477	
MV_Schw	T	9986	16	0		1
MV_Schw	A	9987	2	0		1
MV_Schw	C	9988	198	1	0.2148607170878	
MV_Schw	A	9989	116	0	0.296710762771661	
MV_Schw	G	9990	47	0		1
MV_Schw	A	9991	12	0		1
MV_Schw	G	9992	47	1		1
MV_Schw	C	9993	161	1	0.78470776546672	
MV_Schw	T	9994	16	0		1
MV_Schw	T	9995	43	0		1
MV_Schw	C	9996	78	2		1
MV_Schw	T	9997	66	1		1
MV_Schw	A	9998	43	0		1
MV_Schw	G	9999	205	1	0.220909668665287	
MV_Schw	G	10000	68	1		1
MV_Schw	A	10001	12	0		1
MV_Schw	A	10002	4	0		1
MV_Schw	G	10003	52	0	0.950262622850522	
MV_Schw	A	10004	27	0		1
MV_Schw	G	10005	254	2	0.436962346550212	
MV_Schw	T	10006	4	0		1

MV_Schw	C	10007	81	0	0.641186461810141
MV_Schw	A	10008	14	1	0.944879389258477
MV_Schw	G	10009	128	0	0.307480793677112
MV_Schw	A	10010	99	3	1
MV_Schw	T	10011	56	1	1
MV_Schw	A	10012	0	0	1
MV_Schw	C	10013	14	0	1
MV_Schw	A	10014	4	1	0.619556855087002
MV_Schw	T	10015	35	1	0.863499923807603
MV_Schw	G	10016	165	4	1
MV_Schw	T	10017	54	0	0.950262622850522
MV_Schw	G	10018	107	0	0.380027812845055
MV_Schw	G	10019	60	0	0.957721317456694
MV_Schw	A	10020	89	1	1
MV_Schw	A	10021	45	1	1
MV_Schw	A	10022	4	0	1
MV_Schw	C	10023	89	1	1
MV_Schw	T	10024	43	0	1
MV_Schw	G	10025	39	1	1
MV_Schw	A	10026	58	0	0.953489044526869
MV_Schw	T	10027	41	1	1
MV_Schw	A	10028	10	0	1
MV_Schw	G	10029	62	1	1
MV_Schw	A	10030	37	0	1
MV_Schw	T	10031	27	1	1
MV_Schw	G	10032	97	0	0.503192867159235
MV_Schw	G	10033	124	1	0.791667533131283
MV_Schw	T	10034	4	0	1
MV_Schw	T	10035	17	1	0.528591092326266
MV_Schw	T	10036	48	0	0.950262622850522
MV_Schw	C	10037	68	2	1
MV_Schw	T	10038	4	0	1
MV_Schw	T	10039	29	0	1
MV_Schw	C	10040	281	4	1
MV_Schw	C	10041	74	1	1
MV_Schw	C	10042	107	1	0.945767847051808

MV_Schw	T	10043	2	0		1
MV_Schw	G	10044	56	1		1
MV_Schw	C	10045	27	1	0.752394317790241	
MV_Schw	A	10046	16	0		1
MV_Schw	C	10047	68	0	0.789229943133706	
MV_Schw	T	10048	4	0		1
MV_Schw	C	10049	110	1	0.789229943133706	
MV_Schw	G	10050	118	2		1
MV_Schw	G	10051	79	1		1
MV_Schw	G	10052	200	3		1
MV_Schw	A	10053	6	0		1
MV_Schw	A	10054	21	1		1
MV_Schw	T	10055	12	0		1
MV_Schw	C	10056	23	0		1
MV_Schw	C	10057	64	1		1
MV_Schw	A	10058	23	0		1
MV_Schw	A	10059	19	0		1
MV_Schw	C	10060	250	3	0.99869736415243	
MV_Schw	T	10061	6	0		1
MV_Schw	T	10062	8	0		1
MV_Schw	A	10063	56	0	0.950262622850522	
MV_Schw	T	10064	10	0		1
MV_Schw	C	10065	155	1	0.88950624150852	
MV_Schw	A	10066	23	0		1
MV_Schw	A	10067	45	0		1
MV_Schw	A	10068	14	0		1
MV_Schw	T	10069	50	1		1
MV_Schw	T	10070	47	0		1
MV_Schw	G	10071	112	1		1
MV_Schw	T	10072	21	1		1
MV_Schw	A	10073	83	1		1
MV_Schw	G	10074	163	1	0.442454646177787	
MV_Schw	C	10075	58	0	0.953489044526869	
MV_Schw	C	10076	25	1	0.704667204683568	
MV_Schw	A	10077	23	0		1
MV_Schw	T	10078	31	0		1

MV_Schw	G	10079	345	2	0.118404761941972
MV_Schw	C	10080	128	1	0.658415249679101
MV_Schw	T	10081	91	1	1
MV_Schw	G	10082	171	0	0.0850400511116103
MV_Schw	G	10083	147	1	0.547090293958293
MV_Schw	A	10084	54	0	0.950262622850522
MV_Schw	G	10085	194	1	0.288870964410068
MV_Schw	C	10086	17	0	1
MV_Schw	C	10087	27	0	1
MV_Schw	T	10088	17	0	1
MV_Schw	C	10089	97	1	0.944879389258477
MV_Schw	T	10090	62	2	0.991517221373143
MV_Schw	T	10091	25	0	1
MV_Schw	T	10092	16	0	1
MV_Schw	C	10093	120	0	0.297586725038221
MV_Schw	A	10094	14	0	1
MV_Schw	C	10095	103	1	1
MV_Schw	T	10096	12	0	1
MV_Schw	T	10097	21	0	1
MV_Schw	G	10098	16	1	0.950262622850522
MV_Schw	C	10099	83	3	0.897349285586955
MV_Schw	T	10100	39	0	1
MV_Schw	T	10101	89	1	1
MV_Schw	A	10102	12	0	1
MV_Schw	C	10103	10	0	1
MV_Schw	C	10104	37	1	1
MV_Schw	T	10105	54	1	1
MV_Schw	G	10106	91	1	1
MV_Schw	C	10107	27	0	1
MV_Schw	A	10108	58	0	0.953489044526869
MV_Schw	G	10109	74	1	1
MV_Schw	C	10110	23	1	1
MV_Schw	T	10111	10	0	1
MV_Schw	G	10112	60	1	1
MV_Schw	A	10113	16	1	0.483965165529824
MV_Schw	G	10114	496	4	0.120448710477086

MV_Schw	G	10115	17	0		1
MV_Schw	G	10116	31	0		1
MV_Schw	A	10117	17	0		1
MV_Schw	T	10118	10	1	0.822598489333375	
MV_Schw	A	10119	17	0		1
MV_Schw	T	10120	74	0	0.795198078226602	
MV_Schw	A	10121	16	0		1
MV_Schw	A	10122	2	0		1
MV_Schw	C	10123	41	0		1
MV_Schw	A	10124	14	0		1
MV_Schw	G	10125	213	2	0.73548636006501	
MV_Schw	T	10126	25	0		1
MV_Schw	A	10127	29	0		1
MV_Schw	G	10128	41	0		1
MV_Schw	A	10129	4	0		1
MV_Schw	A	10130	16	0		1
MV_Schw	C	10131	186	0	0.0611551441006359	
MV_Schw	T	10132	12	0		1
MV_Schw	C	10133	70	0	0.789229943133706	
MV_Schw	A	10134	8	0		1
MV_Schw	G	10135	316	1	0.0202604711578266	
MV_Schw	A	10136	39	1		1
MV_Schw	G	10137	64	0	0.789229943133706	
MV_Schw	G	10138	33	1		1
MV_Schw	T	10139	2	1	0.491835918445353	
MV_Schw	G	10140	58	1		1
MV_Schw	C	10141	277	1	0.0357166733306773	
MV_Schw	T	10142	68	1		1
MV_Schw	T	10143	91	1		1
MV_Schw	T	10144	120	1	0.789229943133706	
MV_Schw	C	10145	202	1	0.216853413677777	
MV_Schw	C	10146	171	1	0.789229943133706	
MV_Schw	T	10147	31	0		1
MV_Schw	T	10148	79	1		1
MV_Schw	A	10149	17	0		1
MV_Schw	A	10150	4	0		1

MV_Schw	C	10151	78	1		1
MV_Schw	C	10152	48	0	0.950262622850522	
MV_Schw	A	10153	2	0		1
MV_Schw	C	10154	29	0		1
MV_Schw	T	10155	8	0		1
MV_Schw	G	10156	37	0		1
MV_Schw	C	10157	64	1		1
MV_Schw	T	10158	2	0		1
MV_Schw	T	10159	0	0		1
MV_Schw	T	10160	21	1		1
MV_Schw	NA	10161	0	0		NA
MV_Schw	C	10162	87	0	0.653463094391213	
MV_Schw	T	10163	4	0		1
MV_Schw	G	10164	62	1		1
MV_Schw	A	10165	2	0		1
MV_Schw	A	10166	14	0		1
MV_Schw	A	10167	58	0	0.953489044526869	
MV_Schw	T	10168	35	0		1
MV_Schw	A	10169	6	0		1
MV_Schw	C	10170	12	0		1
MV_Schw	A	10171	8	0		1
MV_Schw	T	10172	19	1		1
MV_Schw	G	10173	23	1		1
MV_Schw	A	10174	12	0		1
MV_Schw	T	10175	19	0		1
MV_Schw	G	10176	6	1	0.704667204683568	
MV_Schw	T	10177	27	0		1
MV_Schw	T	10178	17	0		1
MV_Schw	C	10179	182	1	0.65158773158174	
MV_Schw	T	10180	110	1		1
MV_Schw	T	10181	17	0		1
MV_Schw	G	10182	147	1	0.547090293958293	
MV_Schw	A	10183	10	2	0.072815586219973	
MV_Schw	C	10184	120	1		1
MV_Schw	C	10185	19	1		1
MV_Schw	A	10186	8	0		1

MV_Schw	A	10187	14	1	0.944879389258477	
MV_Schw	A	10188	27	0		1
MV_Schw	A	10189	87	1		1
MV_Schw	C	10190	256	1	0.237817203872315	
MV_Schw	G	10191	16	0		1
MV_Schw	G	10192	25	1		1
MV_Schw	G	10193	153	3		1
MV_Schw	T	10194	6	0		1
MV_Schw	T	10195	23	2	0.296710762771661	
MV_Schw	T	10196	25	1		1
MV_Schw	T	10197	16	0		1
MV_Schw	C	10198	89	1		1
MV_Schw	T	10199	116	0	0.296710762771661	
MV_Schw	G	10200	169	1	0.789229943133706	
MV_Schw	A	10201	14	1	0.944879389258477	
MV_Schw	T	10202	79	1		1
MV_Schw	G	10203	74	0	0.795198078226602	
MV_Schw	A	10204	23	0		1
MV_Schw	A	10205	6	0		1
MV_Schw	G	10206	140	1	0.542247232322076	
MV_Schw	G	10207	70	0	0.789229943133706	
MV_Schw	T	10208	6	0		1
MV_Schw	A	10209	10	0		1
MV_Schw	C	10210	143	1	0.88950624150852	
MV_Schw	T	10211	37	0		1
MV_Schw	T	10212	8	0		1
MV_Schw	A	10213	62	1		1
MV_Schw	T	10214	25	0		1
MV_Schw	C	10215	101	1	0.944879389258477	
MV_Schw	A	10216	58	0	0.953489044526869	
MV_Schw	T	10217	39	0		1
MV_Schw	G	10218	16	0		1
MV_Schw	A	10219	19	0		1
MV_Schw	G	10220	169	1	0.789229943133706	
MV_Schw	T	10221	2	0		1
MV_Schw	T	10222	10	0		1

MV_Schw	A	10223	17	0		1
MV_Schw	A	10224	10	0		1
MV_Schw	C	10225	161	0	0.119516505590852	
MV_Schw	T	10226	101	1	0.944879389258477	
MV_Schw	G	10227	27	1		1
MV_Schw	A	10228	4	0		1
MV_Schw	A	10229	2	0		1
MV_Schw	G	10230	31	0		1
MV_Schw	C	10231	47	0		1
MV_Schw	T	10232	37	0		1
MV_Schw	C	10233	149	1	0.88950624150852	
MV_Schw	T	10234	6	0		1
MV_Schw	A	10235	41	0		1
MV_Schw	G	10236	27	0		1
MV_Schw	A	10237	21	0		1
MV_Schw	T	10238	12	0		1
MV_Schw	T	10239	8	0		1
MV_Schw	A	10240	4	0		1
MV_Schw	C	10241	85	1		1
MV_Schw	A	10242	29	0		1
MV_Schw	T	10243	19	1	0.57780206681461	
MV_Schw	T	10244	19	0		1
MV_Schw	T	10245	17	1	0.983041048229953	
MV_Schw	T	10246	21	0		1
MV_Schw	C	10247	39	0		1
MV_Schw	A	10248	91	1		1
MV_Schw	T	10249	16	0		1
MV_Schw	A	10250	6	0		1
MV_Schw	NA	10251	0	0		NA
MV_Schw	C	10252	31	0		1
MV_Schw	T	10253	62	0	0.789229943133706	
MV_Schw	G	10254	58	0	0.953489044526869	
MV_Schw	A	10255	25	0		1
MV_Schw	T	10256	19	1		1
MV_Schw	G	10257	12	0		1
MV_Schw	A	10258	8	0		1

MV_Schw	C	10259	70	1		1
MV_Schw	A	10260	4	0		1
MV_Schw	T	10261	8	0		1
MV_Schw	NA	10262	0	0		NA
MV_Schw	C	10263	12	0		1
MV_Schw	A	10264	17	0		1
MV_Schw	T	10265	4	0		1
MV_Schw	C	10266	54	0	0.950262622850522	
MV_Schw	T	10267	48	1		1
MV_Schw	G	10268	105	0	0.37877131423274	
MV_Schw	A	10269	6	0		1
MV_Schw	C	10270	267	2	0.355295708921217	
MV_Schw	A	10271	14	0		1
MV_Schw	G	10272	14	0		1
MV_Schw	G	10273	54	0	0.950262622850522	
MV_Schw	G	10274	95	1		1
MV_Schw	G	10275	120	2		1
MV_Schw	A	10276	4	0		1
MV_Schw	G	10277	254	2	0.436962346550212	
MV_Schw	A	10278	103	1	0.944879389258477	
MV_Schw	T	10279	27	0		1
MV_Schw	T	10280	10	0		1
MV_Schw	T	10281	21	0		1
MV_Schw	T	10282	27	1	0.752394317790241	
MV_Schw	C	10283	161	1	0.78470776546672	
MV_Schw	T	10284	33	0		1
MV_Schw	C	10285	47	0		1
MV_Schw	A	10286	87	2		1
MV_Schw	T	10287	10	0		1
MV_Schw	T	10288	21	0		1
MV_Schw	T	10289	6	0		1
MV_Schw	T	10290	41	1		1
MV_Schw	T	10291	23	1		1
MV_Schw	C	10292	176	3		1
MV_Schw	A	10293	43	1	0.950262622850522	
MV_Schw	G	10294	89	4	0.372808321584263	

MV_Schw	A	10295	8	0	1
MV_Schw	A	10296	2	0	1
MV_Schw	G	10297	43	1	1
MV_Schw	T	10298	10	0	1
MV_Schw	T	10299	35	0	1
MV_Schw	T	10300	112	1	0.789229943133706
MV_Schw	C	10301	211	3	0.957721317456694
MV_Schw	G	10302	374	3	0.151825348330209
MV_Schw	G	10303	368	5	0.799284242354531
MV_Schw	C	10304	262	4	1
MV_Schw	C	10305	19	1	1
MV_Schw	A	10306	4	0	1
MV_Schw	C	10307	41	1	0.945767847051808
MV_Schw	C	10308	56	0	0.950262622850522
MV_Schw	C	10309	320	2	0.19464237982122
MV_Schw	C	10310	345	5	0.896450176326918
MV_Schw	A	10311	21	0	1
MV_Schw	G	10312	91	0	0.497615650989996
MV_Schw	A	10313	43	1	1
MV_Schw	C	10314	176	1	0.34703042205032
MV_Schw	T	10315	16	0	1
MV_Schw	T	10316	27	0	1
MV_Schw	G	10317	95	1	1
MV_Schw	A	10318	17	0	1
MV_Schw	A	10319	81	1	1
MV_Schw	G	10320	159	0	0.118907467124559
MV_Schw	C	10321	37	1	0.88950624150852
MV_Schw	A	10322	4	0	1
MV_Schw	G	10323	43	2	0.632968068765344
MV_Schw	T	10324	48	1	1
MV_Schw	A	10325	48	0	0.950262622850522
MV_Schw	A	10326	4	0	1
MV_Schw	C	10327	143	2	1
MV_Schw	G	10328	66	1	1
MV_Schw	G	10329	16	0	1
MV_Schw	C	10330	91	2	1

MV_Schw	T	10331	17	1	0.983041048229953
MV_Schw	G	10332	25	0	1
MV_Schw	C	10333	43	1	1
MV_Schw	T	10334	110	1	1
MV_Schw	G	10335	174	1	0.648224297390367
MV_Schw	A	10336	43	1	1
MV_Schw	A	10337	17	0	1
MV_Schw	A	10338	12	0	1
MV_Schw	A	10339	17	0	1
MV_Schw	T	10340	37	0	1
MV_Schw	G	10341	58	0	0.953489044526869
MV_Schw	T	10342	29	1	1
MV_Schw	T	10343	17	0	1
MV_Schw	A	10344	29	0	1
MV_Schw	G	10345	74	0	0.795198078226602
MV_Schw	G	10346	109	1	0.947544583923452
MV_Schw	A	10347	35	1	1
MV_Schw	A	10348	19	0	1
MV_Schw	A	10349	14	0	1
MV_Schw	T	10350	68	1	1
MV_Schw	A	10351	8	1	0.789229943133706
MV_Schw	C	10352	407	2	0.04153264858246
MV_Schw	A	10353	50	0	0.950262622850522
MV_Schw	T	10354	8	0	1
MV_Schw	G	10355	45	0	1
MV_Schw	A	10356	25	0	1
MV_Schw	A	10357	37	0	1
MV_Schw	T	10358	37	0	1
MV_Schw	C	10359	39	0	1
MV_Schw	A	10360	6	1	0.704667204683568
MV_Schw	G	10361	58	0	0.953489044526869
MV_Schw	C	10362	165	1	0.444605338381727
MV_Schw	C	10363	68	0	0.789229943133706
MV_Schw	T	10364	17	0	1
MV_Schw	A	10365	14	0	1
MV_Schw	A	10366	23	0	1

MV_Schw	A	10367	12	0		1
MV_Schw	G	10368	169	1	0.341186273229673	
MV_Schw	T	10369	21	0		1
MV_Schw	C	10370	10	0		1
MV_Schw	A	10371	72	0	0.791667533131283	
MV_Schw	T	10372	14	0		1
MV_Schw	T	10373	60	0	0.957721317456694	
MV_Schw	G	10374	19	0		1
MV_Schw	T	10375	2	0		1
MV_Schw	G	10376	31	0		1
MV_Schw	T	10377	8	0		1
MV_Schw	A	10378	78	0	0.638894311640422	
MV_Schw	T	10379	120	1	0.789229943133706	
MV_Schw	G	10380	89	0	0.497615650989996	
MV_Schw	A	10381	2	1	0.0802641948298692	
MV_Schw	G	10382	110	2		1
MV_Schw	A	10383	4	0		1
MV_Schw	C	10384	320	1	0.0138245907553782	
MV_Schw	T	10385	14	0		1
MV_Schw	C	10386	66	1		1
MV_Schw	T	10387	54	0	0.950262622850522	
MV_Schw	G	10388	178	2	0.945767847051808	
MV_Schw	A	10389	105	0	0.37877131423274	
MV_Schw	T	10390	124	1	0.791667533131283	
MV_Schw	G	10391	202	2	0.822598489333375	
MV_Schw	A	10392	27	0		1
MV_Schw	A	10393	14	0		1
MV_Schw	A	10394	39	1		1
MV_Schw	G	10395	165	3		1
MV_Schw	G	10396	155	1	0.436311974989592	
MV_Schw	T	10397	16	0		1
MV_Schw	C	10398	35	0		1
MV_Schw	A	10399	116	1		1
MV_Schw	T	10400	41	0		1
MV_Schw	G	10401	262	1	0.069912848140492	
MV_Schw	C	10402	31	0		1

MV_Schw	C	10403	58	0	0.953489044526869
MV_Schw	A	10404	4	1	0.619556855087002
MV_Schw	T	10405	6	0	1
MV_Schw	A	10406	85	0	0.648224297390367
MV_Schw	T	10407	6	0	1
MV_Schw	T	10408	25	1	1
MV_Schw	T	10409	23	1	1
MV_Schw	T	10410	74	0	0.795198078226602
MV_Schw	G	10411	494	5	0.216898329554315
MV_Schw	T	10412	74	0	0.795198078226602
MV_Schw	G	10413	54	1	1
MV_Schw	G	10414	27	1	1
MV_Schw	A	10415	4	0	1
MV_Schw	A	10416	50	0	0.950262622850522
MV_Schw	T	10417	97	0	0.503192867159235
MV_Schw	C	10418	85	1	1
MV_Schw	A	10419	79	1	1
MV_Schw	T	10420	35	0	1
MV_Schw	A	10421	58	0	0.953489044526869
MV_Schw	A	10422	54	2	0.789229943133706
MV_Schw	T	10423	62	0	0.789229943133706
MV_Schw	C	10424	140	1	0.542247232322076
MV_Schw	A	10425	83	1	1
MV_Schw	A	10426	14	0	1
MV_Schw	C	10427	552	5	0.208122570589857
MV_Schw	G	10428	89	1	1
MV_Schw	G	10429	27	0	1
MV_Schw	C	10430	66	2	1
MV_Schw	T	10431	6	0	1
MV_Schw	A	10432	91	1	1
MV_Schw	T	10433	10	1	0.822598489333375
MV_Schw	C	10434	43	0	1
MV_Schw	G	10435	248	1	0.233813270352997
MV_Schw	T	10436	64	1	1
MV_Schw	G	10437	110	0	0.385864542883514
MV_Schw	A	10438	74	0	0.795198078226602

MV_Schw	C	10439	403	3	0.0931787203291559
MV_Schw	A	10440	19	0	1
MV_Schw	G	10441	60	1	1
MV_Schw	G	10442	56	1	1
MV_Schw	C	10443	298	4	0.950262622850522
MV_Schw	A	10444	66	1	1
MV_Schw	C	10445	37	1	0.88950624150852
MV_Schw	G	10446	70	0	0.789229943133706
MV_Schw	G	10447	47	0	1
MV_Schw	A	10448	58	1	1
MV_Schw	G	10449	120	1	0.789229943133706
MV_Schw	G	10450	21	1	1
MV_Schw	C	10451	93	1	1
MV_Schw	A	10452	43	1	1
MV_Schw	G	10453	140	1	0.542247232322076
MV_Schw	T	10454	39	1	1
MV_Schw	T	10455	33	0	1
MV_Schw	G	10456	122	0	0.298485329352986
MV_Schw	G	10457	56	0	0.950262622850522
MV_Schw	C	10458	161	0	0.119516505590852
MV_Schw	C	10459	161	1	0.78470776546672
MV_Schw	A	10460	45	1	1
MV_Schw	C	10461	132	1	0.983041048229953
MV_Schw	C	10462	167	0	0.124094801360285
MV_Schw	G	10463	138	1	0.673422966374487
MV_Schw	C	10464	316	1	0.0202604711578266
MV_Schw	T	10465	45	0	1
MV_Schw	G	10466	103	6	0.071237197691116
MV_Schw	A	10467	21	0	1
MV_Schw	C	10468	122	2	1
MV_Schw	C	10469	47	1	1
MV_Schw	C	10470	19	1	1
MV_Schw	T	10471	6	0	1
MV_Schw	C	10472	16	0	1
MV_Schw	C	10473	76	1	1
MV_Schw	C	10474	89	2	1

MV_Schw	C	10475	101	1		1
MV_Schw	C	10476	64	0	0.789229943133706	
MV_Schw	T	10477	16	0		1
MV_Schw	G	10478	76	1		1
MV_Schw	C	10479	54	0	0.950262622850522	
MV_Schw	A	10480	93	0	0.498091317793217	
MV_Schw	T	10481	8	0		1
MV_Schw	G	10482	35	0		1
MV_Schw	C	10483	31	1		1
MV_Schw	T	10484	62	0	0.789229943133706	
MV_Schw	G	10485	78	1		1
MV_Schw	C	10486	440	3	0.120643557016605	
MV_Schw	A	10487	33	1		1
MV_Schw	G	10488	134	4	0.8790631473823	
MV_Schw	A	10489	27	0		1
MV_Schw	C	10490	78	1		1
MV_Schw	A	10491	10	0		1
MV_Schw	C	10492	19	0		1
MV_Schw	A	10493	50	2	0.746970975838775	
MV_Schw	A	10494	27	0		1
MV_Schw	T	10495	48	0	0.950262622850522	
MV_Schw	C	10496	287	4		1
MV_Schw	C	10497	68	1		1
MV_Schw	G	10498	78	0	0.638894311640422	
MV_Schw	G	10499	349	3	0.238369782241552	
MV_Schw	A	10500	198	2	0.822598489333375	
MV_Schw	A	10501	48	2	0.709032941865358	
MV_Schw	T	10502	54	0	0.950262622850522	
MV_Schw	G	10503	21	0		1
MV_Schw	C	10504	95	1		1
MV_Schw	T	10505	72	2		1
MV_Schw	C	10506	151	2		1
MV_Schw	A	10507	70	1		1
MV_Schw	A	10508	23	1		1
MV_Schw	G	10509	190	1	0.542247232322076	
MV_Schw	C	10510	91	0	0.497615650989996	

MV_Schw	T	10511	62	1		1
MV_Schw	T	10512	8	0		1
MV_Schw	C	10513	45	1		1
MV_Schw	A	10514	116	1	0.789229943133706	
MV_Schw	G	10515	60	1		1
MV_Schw	G	10516	70	1		1
MV_Schw	T	10517	35	1		1
MV_Schw	G	10518	50	0	0.950262622850522	
MV_Schw	A	10519	6	0		1
MV_Schw	A	10520	78	0	0.638894311640422	
MV_Schw	G	10521	186	1	0.655978174231774	
MV_Schw	G	10522	105	2		1
MV_Schw	G	10523	132	0	0.222002676269896	
MV_Schw	T	10524	29	1		1
MV_Schw	T	10525	35	0		1
MV_Schw	A	10526	43	0		1
MV_Schw	A	10527	16	0		1
MV_Schw	C	10528	260	2	0.440038484535617	
MV_Schw	A	10529	56	0	0.950262622850522	
MV_Schw	C	10530	56	1		1
MV_Schw	A	10531	50	0	0.950262622850522	
MV_Schw	T	10532	56	0	0.950262622850522	
MV_Schw	G	10533	85	0	0.648224297390367	
MV_Schw	A	10534	6	0		1
MV_Schw	G	10535	312	3	0.426944048601293	
MV_Schw	C	10536	16	0		1
MV_Schw	A	10537	47	1		1
MV_Schw	G	10538	85	1		1
MV_Schw	T	10539	45	0		1
MV_Schw	G	10540	83	1		1
MV_Schw	C	10541	122	0	0.298485329352986	
MV_Schw	G	10542	171	1	0.789229943133706	
MV_Schw	T	10543	47	0		1
MV_Schw	T	10544	87	0	0.653463094391213	
MV_Schw	G	10545	141	1	0.989441011726102	
MV_Schw	A	10546	4	0		1

MV_Schw	T	10547	29	1	0.789229943133706
MV_Schw	A	10548	45	0	1
MV_Schw	A	10549	10	0	1
MV_Schw	C	10550	116	1	1
MV_Schw	T	10551	78	1	1
MV_Schw	G	10552	151	0	0.166500460032885
MV_Schw	G	10553	188	1	0.542247232322076
MV_Schw	A	10554	68	1	1
MV_Schw	A	10555	74	0	0.795198078226602
MV_Schw	A	10556	31	0	1
MV_Schw	T	10557	23	0	1
MV_Schw	C	10558	70	1	1
MV_Schw	T	10559	126	0	0.305061614162072
MV_Schw	T	10560	99	0	0.509396577320122
MV_Schw	T	10561	47	0	1
MV_Schw	T	10562	62	1	1
MV_Schw	G	10563	234	2	0.638894311640422
MV_Schw	C	10564	188	2	0.950262622850522
MV_Schw	T	10565	10	0	1
MV_Schw	G	10566	47	0	1
MV_Schw	G	10567	10	0	1
MV_Schw	A	10568	35	0	1
MV_Schw	G	10569	554	9	0.950262622850522
MV_Schw	T	10570	136	1	0.983041048229953
MV_Schw	G	10571	172	0	0.0854265304031386
MV_Schw	A	10572	33	0	1
MV_Schw	A	10573	110	2	1
MV_Schw	A	10574	99	2	1
MV_Schw	T	10575	184	1	0.277229700444564
MV_Schw	T	10576	10	0	1
MV_Schw	T	10577	37	0	1
MV_Schw	G	10578	153	1	0.436311974989592
MV_Schw	G	10579	91	2	1
MV_Schw	C	10580	351	3	0.396483090598345
MV_Schw	T	10581	6	0	1
MV_Schw	G	10582	70	1	1

MV_Schw	C	10583	79	1		1
MV_Schw	T	10584	39	1		1
MV_Schw	T	10585	50	0	0.950262622850522	
MV_Schw	T	10586	109	0	0.381672248067152	
MV_Schw	A	10587	14	1	0.944879389258477	
MV_Schw	T	10588	58	1		1
MV_Schw	G	10589	85	1		1
MV_Schw	C	10590	33	0		1
MV_Schw	C	10591	31	0		1
MV_Schw	T	10592	12	0		1
MV_Schw	C	10593	58	1		1
MV_Schw	T	10594	14	0		1
MV_Schw	T	10595	23	1		1
MV_Schw	A	10596	27	0		1
MV_Schw	G	10597	87	0	0.653463094391213	
MV_Schw	C	10598	141	5	0.56469466203941	
MV_Schw	C	10599	89	1		1
MV_Schw	T	10600	64	1		1
MV_Schw	G	10601	95	1		1
MV_Schw	G	10602	91	2		1
MV_Schw	A	10603	29	0		1
MV_Schw	T	10604	95	2		1
MV_Schw	A	10605	16	0		1
MV_Schw	G	10606	78	0	0.638894311640422	
MV_Schw	T	10607	27	0		1
MV_Schw	G	10608	97	0	0.503192867159235	
MV_Schw	A	10609	182	2	0.946416176064202	
MV_Schw	T	10610	10	1	0.822598489333375	
MV_Schw	C	10611	184	1	0.653463094391213	
MV_Schw	T	10612	634	5	0.0293543428201476	
MV_Schw	G	10613	91	1		1
MV_Schw	A	10614	4	0		1
MV_Schw	C	10615	207	1	0.444112248634472	
MV_Schw	A	10616	120	1		1
MV_Schw	A	10617	16	0		1
MV_Schw	T	10618	47	1		1

MV_Schw	G	10619	25	0		1
MV_Schw	T	10620	6	0		1
MV_Schw	A	10621	6	0		1
MV_Schw	C	10622	97	1		1
MV_Schw	C	10623	35	0		1
MV_Schw	T	10624	14	1	0.944879389258477	
MV_Schw	A	10625	66	0	0.789229943133706	
MV_Schw	A	10626	12	0		1
MV_Schw	A	10627	60	1		1
MV_Schw	G	10628	300	3	0.422936221821337	
MV_Schw	G	10629	45	0		1
MV_Schw	A	10630	4	0		1
MV_Schw	C	10631	47	0		1
MV_Schw	A	10632	47	1		1
MV_Schw	A	10633	41	0		1
MV_Schw	G	10634	163	1	0.785635770321324	
MV_Schw	G	10635	58	1		1
MV_Schw	C	10636	52	1		1
MV_Schw	A	10637	10	0		1
MV_Schw	C	10638	70	1		1
MV_Schw	T	10639	12	1	0.88950624150852	
MV_Schw	T	10640	101	1	0.944879389258477	
MV_Schw	G	10641	89	0	0.497615650989996	
MV_Schw	C	10642	202	1	0.551026371204373	
MV_Schw	T	10643	25	0		1
MV_Schw	G	10644	105	0	0.37877131423274	
MV_Schw	C	10645	93	1		1
MV_Schw	T	10646	10	0		1
MV_Schw	C	10647	39	0		1
MV_Schw	T	10648	37	1		1
MV_Schw	C	10649	52	1		1
MV_Schw	C	10650	41	0		1
MV_Schw	A	10651	39	0		1
MV_Schw	A	10652	56	1		1
MV_Schw	A	10653	48	1		1
MV_Schw	G	10654	72	1		1

MV_Schw	G	10655	10	0		1
MV_Schw	G	10656	10	0		1
MV_Schw	A	10657	14	0		1
MV_Schw	A	10658	89	1		1
MV_Schw	T	10659	74	1		1
MV_Schw	G	10660	27	1		1
MV_Schw	G	10661	12	0		1
MV_Schw	G	10662	33	1		1
MV_Schw	A	10663	62	2	0.991517221373143	
MV_Schw	T	10664	56	0	0.950262622850522	
MV_Schw	T	10665	19	0		1
MV_Schw	C	10666	45	1		1
MV_Schw	A	10667	10	0		1
MV_Schw	G	10668	438	6	0.789229943133706	
MV_Schw	T	10669	85	1		1
MV_Schw	T	10670	10	0		1
MV_Schw	T	10671	16	0		1
MV_Schw	A	10672	12	0		1
MV_Schw	C	10673	79	1		1
MV_Schw	C	10674	248	7	0.939506000333287	
MV_Schw	C	10675	105	1	0.944944073306986	
MV_Schw	G	10676	132	0	0.222002676269896	
MV_Schw	A	10677	10	0		1
MV_Schw	A	10678	112	1	0.789229943133706	
MV_Schw	A	10679	109	1		1
MV_Schw	G	10680	275	3	0.819327818667335	
MV_Schw	A	10681	10	0		1
MV_Schw	G	10682	79	1		1
MV_Schw	T	10683	58	1		1
MV_Schw	T	10684	48	1		1
MV_Schw	C	10685	186	2	0.948552432136014	
MV_Schw	C	10686	217	3	0.957721317456694	
MV_Schw	T	10687	128	1	0.658415249679101	
MV_Schw	G	10688	279	3	0.819327818667335	
MV_Schw	C	10689	157	1	0.436962346550212	
MV_Schw	G	10690	213	1	0.449295143732283	

MV_Schw	T	10691	19	1		1
MV_Schw	T	10692	37	0		1
MV_Schw	A	10693	29	1		1
MV_Schw	C	10694	114	1	0.789229943133706	
MV_Schw	G	10695	37	0		1
MV_Schw	A	10696	54	0	0.950262622850522	
MV_Schw	C	10697	190	3		1
MV_Schw	C	10698	6	1	0.704667204683568	
MV_Schw	C	10699	31	0		1
MV_Schw	T	10700	12	1	0.88950624150852	
MV_Schw	C	10701	37	1		1
MV_Schw	C	10702	52	0	0.950262622850522	
MV_Schw	C	10703	19	1		1
MV_Schw	A	10704	52	0	0.950262622850522	
MV_Schw	A	10705	37	1		1
MV_Schw	G	10706	79	3	0.882548734849042	
MV_Schw	G	10707	19	0		1
MV_Schw	G	10708	29	1		1
MV_Schw	A	10709	10	1	0.822598489333375	
MV_Schw	A	10710	8	1	0.789229943133706	
MV_Schw	C	10711	93	3		1
MV_Schw	C	10712	35	0		1
MV_Schw	G	10713	64	0	0.789229943133706	
MV_Schw	G	10714	35	1		1
MV_Schw	G	10715	171	3		1
MV_Schw	NA	10716	0	0		NA
MV_Schw	C	10717	79	3	0.882548734849042	
MV_Schw	A	10718	45	0		1
MV_Schw	C	10719	140	2		1
MV_Schw	G	10720	145	1	0.88950624150852	
MV_Schw	G	10721	95	1		1
MV_Schw	A	10722	10	0		1
MV_Schw	G	10723	103	0	0.37877131423274	
MV_Schw	G	10724	37	1		1
MV_Schw	C	10725	140	3		1
MV_Schw	T	10726	14	0		1

MV_Schw	T	10727	41	1		1
MV_Schw	G	10728	116	1	0.789229943133706	
MV_Schw	T	10729	8	0		1
MV_Schw	A	10730	21	0		1
MV_Schw	G	10731	54	1		1
MV_Schw	A	10732	2	0		1
MV_Schw	T	10733	6	0		1
MV_Schw	G	10734	171	3		1
MV_Schw	T	10735	2	0		1
MV_Schw	T	10736	14	0		1
MV_Schw	T	10737	10	0		1
MV_Schw	T	10738	56	1		1
MV_Schw	C	10739	39	1		1
MV_Schw	C	10740	118	1	0.789229943133706	
MV_Schw	T	10741	6	0		1
MV_Schw	T	10742	10	1	0.822598489333375	
MV_Schw	A	10743	64	1		1
MV_Schw	A	10744	12	0		1
MV_Schw	T	10745	14	0		1
MV_Schw	G	10746	19	0		1
MV_Schw	A	10747	23	0		1
MV_Schw	T	10748	21	0		1
MV_Schw	T	10749	81	0	0.641186461810141	
MV_Schw	C	10750	188	4		1
MV_Schw	G	10751	33	0		1
MV_Schw	A	10752	16	0		1
MV_Schw	G	10753	207	2	0.734151152837751	
MV_Schw	C	10754	233	5		1
MV_Schw	T	10755	25	0		1
MV_Schw	T	10756	14	0		1
MV_Schw	T	10757	10	0		1
MV_Schw	G	10758	172	0	0.0854265304031386	
MV_Schw	A	10759	10	0		1
MV_Schw	C	10760	81	0	0.641186461810141	
MV_Schw	C	10761	19	0		1
MV_Schw	C	10762	16	1	0.950262622850522	

MV_Schw	A	10763	25	0		1
MV_Schw	T	10764	16	0		1
MV_Schw	A	10765	37	0		1
MV_Schw	T	10766	25	0		1
MV_Schw	G	10767	10	0		1
MV_Schw	A	10768	10	0		1
MV_Schw	T	10769	17	0		1
MV_Schw	G	10770	143	1	0.88950624150852	
MV_Schw	T	10771	171	0	0.0850400511116103	
MV_Schw	G	10772	52	0	0.950262622850522	
MV_Schw	A	10773	19	1		1
MV_Schw	T	10774	52	1		1
MV_Schw	A	10775	33	1		1
MV_Schw	A	10776	2	1	0.491835918445353	
MV_Schw	T	10777	19	0		1
MV_Schw	G	10778	66	0	0.789229943133706	
MV_Schw	T	10779	4	0		1
MV_Schw	A	10780	12	0		1
MV_Schw	T	10781	8	1	0.789229943133706	
MV_Schw	G	10782	60	0	0.957721317456694	
MV_Schw	T	10783	17	0		1
MV_Schw	T	10784	76	0	0.638894311640422	
MV_Schw	G	10785	19	0		1
MV_Schw	T	10786	10	1	0.822598489333375	
MV_Schw	A	10787	12	0		1
MV_Schw	A	10788	43	0		1
MV_Schw	G	10789	122	1	0.791667533131283	
MV_Schw	T	10790	19	0		1
MV_Schw	G	10791	54	1		1
MV_Schw	G	10792	43	1	0.950262622850522	
MV_Schw	A	10793	76	2		1
MV_Schw	G	10794	68	1		1
MV_Schw	C	10795	163	3		1
MV_Schw	T	10796	2	0		1
MV_Schw	T	10797	19	0		1
MV_Schw	A	10798	4	0		1

MV_Schw	C	10799	246	1	0.0924930199887263
MV_Schw	C	10800	54	0	0.950262622850522
MV_Schw	T	10801	35	0	1
MV_Schw	C	10802	107	1	0.945767847051808
MV_Schw	C	10803	54	0	0.950262622850522
MV_Schw	A	10804	126	1	0.658415249679101
MV_Schw	T	10805	33	0	1
MV_Schw	G	10806	66	0	0.789229943133706
MV_Schw	A	10807	2	0	1
MV_Schw	C	10808	39	0	1
MV_Schw	C	10809	95	0	0.499662168427985
MV_Schw	C	10810	145	1	0.544375066438321
MV_Schw	T	10811	21	0	1
MV_Schw	G	10812	41	1	1
MV_Schw	A	10813	35	0	1
MV_Schw	G	10814	283	3	0.603170726217094
MV_Schw	NA	10815	0	0	NA
MV_Schw	T	10816	10	0	1
MV_Schw	C	10817	16	0	1
MV_Schw	A	10818	12	1	0.88950624150852
MV_Schw	A	10819	41	0	1
MV_Schw	C	10820	343	7	1
MV_Schw	C	10821	41	0	1
MV_Schw	NA	10822	0	0	NA
MV_Schw	G	10823	19	1	1
MV_Schw	T	10824	10	0	1
MV_Schw	C	10825	238	3	1
MV_Schw	T	10826	10	0	1
MV_Schw	T	10827	14	1	0.944879389258477
MV_Schw	A	10828	2	0	1
MV_Schw	C	10829	21	0	1
MV_Schw	A	10830	6	0	1
MV_Schw	G	10831	33	1	1
MV_Schw	C	10832	10	0	1
MV_Schw	C	10833	14	0	1
MV_Schw	T	10834	27	1	1

MV_Schw	G	10835	31	1	0.791667533131283
MV_Schw	A	10836	56	1	1
MV_Schw	A	10837	33	0	1
MV_Schw	A	10838	23	1	1
MV_Schw	G	10839	85	3	0.691829352390927
MV_Schw	A	10840	4	0	1
MV_Schw	A	10841	12	0	1
MV_Schw	A	10842	35	1	1
MV_Schw	A	10843	62	0	0.789229943133706
MV_Schw	G	10844	107	1	0.945767847051808
MV_Schw	G	10845	4	0	1
MV_Schw	A	10846	10	0	1
MV_Schw	G	10847	66	0	0.789229943133706
MV_Schw	A	10848	12	0	1
MV_Schw	T	10849	14	0	1
MV_Schw	C	10850	37	1	1
MV_Schw	A	10851	33	0	1
MV_Schw	A	10852	12	0	1
MV_Schw	G	10853	62	1	1
MV_Schw	G	10854	277	3	0.598480293360952
MV_Schw	A	10855	25	0	1
MV_Schw	A	10856	47	0	1
MV_Schw	NA	10857	0	0	NA
MV_Schw	C	10858	147	3	1
MV_Schw	A	10859	2	1	0.491835918445353
MV_Schw	G	10860	14	0	1
MV_Schw	G	10861	70	1	1
MV_Schw	T	10862	31	1	1
MV_Schw	A	10863	43	0	1
MV_Schw	G	10864	31	1	1
MV_Schw	A	10865	8	0	1
MV_Schw	C	10866	143	3	1
MV_Schw	T	10867	39	0	1
MV_Schw	T	10868	95	1	1
MV_Schw	T	10869	6	0	1
MV_Schw	T	10870	6	0	1

MV_Schw	T	10871	21	0		1
MV_Schw	G	10872	132	0	0.222002676269896	
MV_Schw	C	10873	27	0		1
MV_Schw	NA	10874	0	0		NA
MV_Schw	A	10875	8	0		1
MV_Schw	A	10876	16	0		1
MV_Schw	A	10877	25	0		1
MV_Schw	A	10878	33	2	0.463720798159947	
MV_Schw	T	10879	54	2	0.789229943133706	
MV_Schw	G	10880	29	0		1
MV_Schw	NA	10881	0	0		NA
MV_Schw	C	10882	47	0		1
MV_Schw	T	10883	17	0		1
MV_Schw	T	10884	31	1		1
MV_Schw	A	10885	37	0		1
MV_Schw	C	10886	58	1		1
MV_Schw	A	10887	72	1		1
MV_Schw	A	10888	33	1	0.822598489333375	
MV_Schw	A	10889	17	0		1
MV_Schw	A	10890	19	0		1
MV_Schw	T	10891	165	0	0.121895614141351	
MV_Schw	G	10892	29	1		1
MV_Schw	A	10893	60	1		1
MV_Schw	G	10894	194	1	0.288870964410068	
MV_Schw	G	10895	153	2		1
MV_Schw	G	10896	41	1		1
MV_Schw	C	10897	17	0		1
MV_Schw	A	10898	17	0		1
MV_Schw	T	10899	136	1	0.667619064364632	
MV_Schw	G	10900	143	0	0.161503851613234	
MV_Schw	C	10901	37	0		1
MV_Schw	C	10902	101	1		1
MV_Schw	A	10903	50	0	0.950262622850522	
MV_Schw	A	10904	43	0		1
MV_Schw	G	10905	132	2		1
MV_Schw	T	10906	93	0	0.498091317793217	

MV_Schw	G	10907	132	1	0.659520109379356	
MV_Schw	A	10908	14	0		1
MV_Schw	T	10909	14	0		1
MV_Schw	T	10910	10	0		1
MV_Schw	G	10911	41	0		1
MV_Schw	C	10912	56	1		1
MV_Schw	T	10913	331	1	0.00989925601088655	
MV_Schw	G	10914	128	2		1
MV_Schw	A	10915	27	0		1
MV_Schw	A	10916	8	0		1
MV_Schw	A	10917	10	0		1
MV_Schw	A	10918	17	0		1
MV_Schw	T	10919	35	0		1
MV_Schw	C	10920	66	0	0.789229943133706	
MV_Schw	T	10921	8	0		1
MV_Schw	A	10922	25	0		1
MV_Schw	A	10923	12	0		1
MV_Schw	T	10924	14	0		1
MV_Schw	C	10925	50	1		1
MV_Schw	T	10926	2	0		1
MV_Schw	C	10927	2	0		1
MV_Schw	A	10928	27	0		1
MV_Schw	A	10929	79	1		1
MV_Schw	A	10930	70	0	0.789229943133706	
MV_Schw	C	10931	128	1	0.658415249679101	
MV_Schw	G	10932	25	0		1
MV_Schw	G	10933	41	1		1
MV_Schw	G	10934	76	0	0.638894311640422	
MV_Schw	A	10935	62	1		1
MV_Schw	T	10936	39	0		1
MV_Schw	T	10937	10	0		1
MV_Schw	G	10938	269	4		1
MV_Schw	G	10939	39	0		1
MV_Schw	C	10940	269	2	0.35554222034638	
MV_Schw	A	10941	105	2		1
MV_Schw	A	10942	41	0		1

MV_Schw	A	10943	21	0		1
MV_Schw	T	10944	17	0		1
MV_Schw	A	10945	118	0	0.296802961873227	
MV_Schw	T	10946	21	0		1
MV_Schw	T	10947	87	0	0.653463094391213	
MV_Schw	T	10948	14	0		1
MV_Schw	T	10949	124	0	0.301343438464672	
MV_Schw	A	10950	10	0		1
MV_Schw	A	10951	19	1		1
MV_Schw	G	10952	285	3	0.606464429862209	
MV_Schw	G	10953	31	0		1
MV_Schw	NA	10954	0	0		NA
MV_Schw	C	10955	17	0		1
MV_Schw	A	10956	27	0		1
MV_Schw	A	10957	16	1	0.950262622850522	
MV_Schw	T	10958	25	0		1
MV_Schw	G	10959	105	1	0.944944073306986	
MV_Schw	G	10960	41	0		1
MV_Schw	G	10961	39	1		1
MV_Schw	A	10962	10	1	0.822598489333375	
MV_Schw	T	10963	35	0		1
MV_Schw	G	10964	25	0		1
MV_Schw	G	10965	70	3	0.819327818667335	
MV_Schw	C	10966	316	1	0.060993248324147	
MV_Schw	C	10967	676	6	0.071237197691116	
MV_Schw	A	10968	35	0		1
MV_Schw	A	10969	41	0		1
MV_Schw	G	10970	328	3	0.353023575911474	
MV_Schw	G	10971	79	1		1
MV_Schw	A	10972	52	0	0.950262622850522	
MV_Schw	T	10973	19	0		1
MV_Schw	G	10974	87	0	0.653463094391213	
MV_Schw	A	10975	33	1		1
MV_Schw	G	10976	541	4	0.0603533834492057	
MV_Schw	C	10977	1070	5	3.38666241586753e-06	
MV_Schw	A	10978	39	1	0.9314909603024	

MV_Schw	C	10979	19	0		1
MV_Schw	G	10980	72	1		1
MV_Schw	A	10981	89	0	0.497615650989996	
MV_Schw	T	10982	79	1		1
MV_Schw	T	10983	17	0		1
MV_Schw	T	10984	14	0		1
MV_Schw	G	10985	29	0		1
MV_Schw	A	10986	6	0		1
MV_Schw	C	10987	366	1	0.0262336052191225	
MV_Schw	T	10988	8	0		1
MV_Schw	A	10989	29	1		1
MV_Schw	A	10990	99	1		1
MV_Schw	G	10991	99	2		1
MV_Schw	G	10992	136	1	0.667619064364632	
MV_Schw	C	10993	99	1	0.944879389258477	
MV_Schw	A	10994	14	0		1
MV_Schw	C	10995	64	3	0.609091736782917	
MV_Schw	T	10996	39	0		1
MV_Schw	C	10997	329	1	0.0146738363101635	
MV_Schw	C	10998	105	1	0.944944073306986	
MV_Schw	A	10999	6	0		1
MV_Schw	C	11000	72	2		1
MV_Schw	A	11001	39	0		1
MV_Schw	C	11002	79	0	0.639207655977387	
MV_Schw	T	11003	47	0		1
MV_Schw	C	11004	16	0		1
MV_Schw	T	11005	58	0	0.953489044526869	
MV_Schw	A	11006	25	0		1
MV_Schw	G	11007	136	1	0.983041048229953	
MV_Schw	C	11008	91	1		1
MV_Schw	T	11009	19	0		1
MV_Schw	G	11010	105	1	0.944944073306986	
MV_Schw	NA	11011	0	0		NA
MV_Schw	C	11012	339	1	0.0469760201915419	
MV_Schw	T	11013	21	0		1
MV_Schw	C	11014	262	3	0.682748760038921	

MV_Schw	A	11015	56	0	0.950262622850522
MV_Schw	G	11016	341	1	0.047574147684283
MV_Schw	G	11017	205	0	0.0461495798537483
MV_Schw	A	11018	39	0	1
MV_Schw	G	11019	33	1	0.822598489333375
MV_Schw	NA	11020	0	0	NA
MV_Schw	C	11021	12	0	1
MV_Schw	C	11022	124	0	0.301343438464672
MV_Schw	C	11023	29	0	1
MV_Schw	C	11024	266	1	0.182730995624231
MV_Schw	A	11025	87	1	1
MV_Schw	A	11026	48	0	0.950262622850522
MV_Schw	A	11027	54	0	0.950262622850522
MV_Schw	G	11028	35	0	1
MV_Schw	A	11029	12	0	1
MV_Schw	T	11030	6	0	1
MV_Schw	C	11031	58	1	1
MV_Schw	T	11032	6	0	1
MV_Schw	C	11033	93	1	1
MV_Schw	A	11034	78	1	1
MV_Schw	A	11035	91	0	0.497615650989996
MV_Schw	A	11036	33	0	1
MV_Schw	G	11037	155	0	0.118807954027477
MV_Schw	A	11038	6	0	1
MV_Schw	A	11039	8	0	1
MV_Schw	A	11040	16	0	1
MV_Schw	G	11041	353	2	0.089478331324259
MV_Schw	T	11042	12	0	1
MV_Schw	C	11043	74	1	1
MV_Schw	A	11044	99	1	1
MV_Schw	C	11045	386	1	0.0138245907553782
MV_Schw	A	11046	72	0	0.791667533131283
MV_Schw	G	11047	50	1	1
MV_Schw	G	11048	110	5	0.44055837109039
MV_Schw	G	11049	29	0	1
MV_Schw	G	11050	93	1	1

MV_Schw	G	11051	66	0	0.789229943133706	
MV_Schw	G	11052	27	0		1
MV_Schw	G	11053	223	4		1
MV_Schw	G	11054	481	6	0.644470496730524	
MV_Schw	C	11055	271	1	0.0497714824581606	
MV_Schw	C	11056	155	2		1
MV_Schw	A	11057	39	0		1
MV_Schw	G	11058	93	1		1
MV_Schw	T	11059	6	0		1
MV_Schw	C	11060	52	1		1
MV_Schw	T	11061	72	0	0.791667533131283	
MV_Schw	T	11062	353	6		1
MV_Schw	A	11063	79	0	0.639207655977387	
MV_Schw	A	11064	87	1		1
MV_Schw	A	11065	45	1		1
MV_Schw	A	11066	66	2		1
MV_Schw	A	11067	27	1		1
MV_Schw	C	11068	64	0	0.789229943133706	
MV_Schw	C	11069	120	1		1
MV_Schw	T	11070	6	0		1
MV_Schw	A	11071	17	1	0.528591092326266	
MV_Schw	C	11072	54	1		1
MV_Schw	T	11073	8	0		1
MV_Schw	C	11074	39	0		1
MV_Schw	C	11075	122	0	0.298485329352986	
MV_Schw	C	11076	50	0	0.950262622850522	
MV_Schw	G	11077	246	4		1
MV_Schw	A	11078	116	2		1
MV_Schw	A	11079	79	2		1
MV_Schw	G	11080	74	3	0.44280652126772	
MV_Schw	C	11081	14	1	0.944879389258477	
MV_Schw	C	11082	50	1		1
MV_Schw	C	11083	2	0		1
MV_Schw	A	11084	31	2	0.428411386231373	
MV_Schw	G	11085	126	2		1
MV_Schw	T	11086	16	0		1

MV_Schw	C	11087	17	1	0.983041048229953
MV_Schw	C	11088	89	1	1
MV_Schw	A	11089	4	0	1
MV_Schw	C	11090	79	1	1
MV_Schw	A	11091	33	1	0.822598489333375
MV_Schw	C	11092	39	1	1
MV_Schw	A	11093	8	0	1
MV_Schw	A	11094	2	0	1
MV_Schw	G	11095	112	0	0.390108970321283
MV_Schw	T	11096	6	1	0.704667204683568
MV_Schw	A	11097	12	0	1
MV_Schw	C	11098	47	1	1
MV_Schw	C	11099	141	1	0.989441011726102
MV_Schw	A	11100	37	0	1
MV_Schw	G	11101	91	0	0.497615650989996
MV_Schw	G	11102	62	0	0.789229943133706
MV_Schw	A	11103	17	1	0.983041048229953
MV_Schw	A	11104	4	0	1
MV_Schw	C	11105	56	0	0.950262622850522
MV_Schw	G	11106	76	0	0.638894311640422
MV_Schw	T	11107	23	0	1
MV_Schw	G	11108	116	1	0.789229943133706
MV_Schw	A	11109	48	1	1
MV_Schw	G	11110	122	1	0.791667533131283
MV_Schw	A	11111	60	0	0.957721317456694
MV_Schw	G	11112	105	2	1
MV_Schw	C	11113	54	0	0.950262622850522
MV_Schw	A	11114	35	0	1
MV_Schw	G	11115	130	1	0.658415249679101
MV_Schw	C	11116	126	1	0.658415249679101
MV_Schw	A	11117	91	1	1
MV_Schw	A	11118	62	1	1
MV_Schw	A	11119	33	1	1
MV_Schw	A	11120	140	0	0.230921379149447
MV_Schw	G	11121	64	0	0.789229943133706
MV_Schw	G	11122	200	1	0.549697051814019

MV_Schw	G	11123	186	1	0.655978174231774
MV_Schw	T	11124	8	0	1
MV_Schw	T	11125	27	1	1
MV_Schw	T	11126	101	1	0.944879389258477
MV_Schw	A	11127	54	0	0.950262622850522
MV_Schw	T	11128	62	0	0.789229943133706
MV_Schw	A	11129	56	1	1
MV_Schw	G	11130	62	1	1
MV_Schw	G	11131	87	3	0.704667204683568
MV_Schw	G	11132	364	2	0.0919716715734722
MV_Schw	T	11133	12	2	0.0975104748468945
MV_Schw	NA	11134	0	0	NA
MV_Schw	C	11135	72	0	0.791667533131283
MV_Schw	C	11136	70	1	1
MV_Schw	C	11137	153	1	0.436311974989592
MV_Schw	T	11138	33	0	1
MV_Schw	C	11139	87	0	0.653463094391213
MV_Schw	A	11140	58	1	1
MV_Schw	A	11141	39	1	1
MV_Schw	G	11142	178	4	1
MV_Schw	T	11143	14	0	1
MV_Schw	A	11144	27	0	1
MV_Schw	A	11145	39	2	0.560243889454362
MV_Schw	T	11146	76	1	1
MV_Schw	T	11147	43	1	0.950262622850522
MV_Schw	C	11148	118	2	1
MV_Schw	G	11149	165	0	0.121895614141351
MV_Schw	G	11150	178	6	0.66454830422033
MV_Schw	C	11151	225	3	0.96855857297699
MV_Schw	A	11152	33	1	0.822598489333375
MV_Schw	G	11153	48	1	1
MV_Schw	G	11154	62	3	0.57780206681461
MV_Schw	A	11155	6	0	1
MV_Schw	C	11156	229	2	0.632968068765344
MV_Schw	C	11157	118	1	1
MV_Schw	A	11158	138	3	1

MV_Schw	A	11159	70	1		1
MV_Schw	G	11160	172	4		1
MV_Schw	A	11161	31	0		1
MV_Schw	C	11162	227	3		1
MV_Schw	A	11163	25	1		1
MV_Schw	C	11164	81	3	0.88950624150852	
MV_Schw	T	11165	128	1	0.658415249679101	
MV_Schw	G	11166	48	0	0.950262622850522	
MV_Schw	A	11167	97	3		1
MV_Schw	T	11168	41	1		1
MV_Schw	C	11169	101	1	0.944879389258477	
MV_Schw	A	11170	81	1		1
MV_Schw	T	11171	31	1		1
MV_Schw	C	11172	180	2	0.945848991671798	
MV_Schw	C	11173	370	1	0.0188268016494874	
MV_Schw	G	11174	351	3	0.239137755983385	
MV_Schw	G	11175	145	1	0.88950624150852	
MV_Schw	A	11176	161	3		1
MV_Schw	G	11177	258	3	0.681308121427830	
MV_Schw	A	11178	10	0		1
MV_Schw	A	11179	8	1	0.789229943133706	
MV_Schw	T	11180	29	0		1
MV_Schw	A	11181	103	0	0.37877131423274	
MV_Schw	T	11182	188	1	0.542247232322076	
MV_Schw	G	11183	172	3		1
MV_Schw	G	11184	172	1	0.789229943133706	
MV_Schw	A	11185	62	1		1
MV_Schw	A	11186	68	0	0.789229943133706	
MV_Schw	G	11187	213	2	0.73548636006501	
MV_Schw	C	11188	60	1		1
MV_Schw	T	11189	87	1		1
MV_Schw	T	11190	48	1		1
MV_Schw	A	11191	134	1	0.983041048229953	
MV_Schw	C	11192	182	1	0.65158773158174	
MV_Schw	G	11193	209	1	0.161035028661221	
MV_Schw	A	11194	47	0		1

MV_Schw	G	11195	161	1	0.440157375549872
MV_Schw	A	11196	6	0	1
MV_Schw	C	11197	39	1	0.9314909603024
MV_Schw	A	11198	95	0	0.499662168427985
MV_Schw	G	11199	109	1	1
MV_Schw	T	11200	12	0	1
MV_Schw	C	11201	10	0	1
MV_Schw	A	11202	109	1	0.947544583923452
MV_Schw	G	11203	62	0	0.789229943133706
MV_Schw	T	11204	52	0	0.950262622850522
MV_Schw	G	11205	52	1	1
MV_Schw	C	11206	39	0	1
MV_Schw	A	11207	21	0	1
MV_Schw	T	11208	17	1	0.983041048229953
MV_Schw	T	11209	17	0	1
MV_Schw	T	11210	23	0	1
MV_Schw	A	11211	29	0	1
MV_Schw	T	11212	19	1	1
MV_Schw	C	11213	114	0	0.395791012435089
MV_Schw	A	11214	4	0	1
MV_Schw	C	11215	66	0	0.789229943133706
MV_Schw	G	11216	33	0	1
MV_Schw	A	11217	17	0	1
MV_Schw	C	11218	184	0	0.060993248324147
MV_Schw	T	11219	14	0	1
MV_Schw	G	11220	23	0	1
MV_Schw	A	11221	17	0	1
MV_Schw	T	11222	16	1	0.483965165529824
MV_Schw	C	11223	81	0	0.641186461810141
MV_Schw	T	11224	29	0	1
MV_Schw	C	11225	79	1	1
MV_Schw	A	11226	47	1	1
MV_Schw	A	11227	91	1	1
MV_Schw	G	11228	161	1	0.78470776546672
MV_Schw	A	11229	23	1	1
MV_Schw	A	11230	4	0	1

MV_Schw	G	11231	74	1		1
MV_Schw	T	11232	33	1		1
MV_Schw	A	11233	52	1		1
MV_Schw	C	11234	74	0	0.795198078226602	
MV_Schw	T	11235	45	0		1
MV_Schw	G	11236	41	0		1
MV_Schw	C	11237	192	2	0.822598489333375	
MV_Schw	C	11238	638	2	0.00020145550607251	
MV_Schw	T	11239	48	0	0.950262622850522	
MV_Schw	T	11240	27	0		1
MV_Schw	A	11241	54	1		1
MV_Schw	A	11242	78	0	0.638894311640422	
MV_Schw	T	11243	21	1	0.632968068765344	
MV_Schw	T	11244	207	0	0.0469760201915419	
MV_Schw	G	11245	267	1	0.184052216762354	
MV_Schw	G	11246	188	1	0.542247232322076	
MV_Schw	A	11247	68	0	0.789229943133706	
MV_Schw	G	11248	547	5	0.118678721029391	
MV_Schw	A	11249	23	1		1
MV_Schw	T	11250	132	0	0.222002676269896	
MV_Schw	A	11251	47	0		1
MV_Schw	T	11252	120	1	0.789229943133706	
MV_Schw	G	11253	314	1	0.0845982032753081	
MV_Schw	A	11254	118	3		1
MV_Schw	G	11255	479	4	0.14882153822798	
MV_Schw	A	11256	10	0		1
MV_Schw	C	11257	72	2		1
MV_Schw	C	11258	47	0		1
MV_Schw	A	11259	83	1		1
MV_Schw	T	11260	56	2	0.968890372475178	
MV_Schw	C	11261	155	2		1
MV_Schw	A	11262	91	1		1
MV_Schw	G	11263	124	1	0.791667533131283	
MV_Schw	C	11264	329	4	0.789229943133706	
MV_Schw	T	11265	33	0		1
MV_Schw	T	11266	25	0		1

MV_Schw	G	11267	236	1	0.296821198756852
MV_Schw	T	11268	124	1	1
MV_Schw	T	11269	39	1	1
MV_Schw	T	11270	124	1	0.791667533131283
MV_Schw	G	11271	105	3	0.950262622850522
MV_Schw	C	11272	68	0	0.789229943133706
MV_Schw	A	11273	145	3	1
MV_Schw	C	11274	302	5	1
MV_Schw	A	11275	10	1	0.822598489333375
MV_Schw	G	11276	21	0	1
MV_Schw	A	11277	8	0	1
MV_Schw	G	11278	188	3	1
MV_Schw	G	11279	209	1	0.444605338381727
MV_Schw	C	11280	17	0	1
MV_Schw	T	11281	41	1	1
MV_Schw	A	11282	14	0	1
MV_Schw	A	11283	21	0	1
MV_Schw	A	11284	120	0	0.297586725038221
MV_Schw	T	11285	83	0	0.645428736569362
MV_Schw	G	11286	60	1	1
MV_Schw	A	11287	4	0	1
MV_Schw	G	11288	134	2	1
MV_Schw	A	11289	47	0	1
MV_Schw	T	11290	72	1	1
MV_Schw	T	11291	78	0	0.638894311640422
MV_Schw	T	11292	172	1	0.789229943133706
MV_Schw	A	11293	58	1	1
MV_Schw	C	11294	376	3	0.337352366102426
MV_Schw	G	11295	295	3	0.503192867159235
MV_Schw	G	11296	60	1	1
MV_Schw	A	11297	140	1	0.542247232322076
MV_Schw	T	11298	109	0	0.381672248067152
MV_Schw	T	11299	39	1	1
MV_Schw	G	11300	21	0	1
MV_Schw	C	11301	114	1	0.789229943133706
MV_Schw	C	11302	52	0	0.950262622850522

MV_Schw	C	11303	287	3	0.499662168427985
MV_Schw	T	11304	17	0	1
MV_Schw	C	11305	269	1	0.185820480450128
MV_Schw	A	11306	83	1	1
MV_Schw	T	11307	109	0	0.381672248067152
MV_Schw	T	11308	25	0	1
MV_Schw	T	11309	60	0	0.957721317456694
MV_Schw	T	11310	50	0	0.950262622850522
MV_Schw	T	11311	37	0	1
MV_Schw	C	11312	461	2	0.0131040780293563
MV_Schw	C	11313	401	3	0.235147634457607
MV_Schw	A	11314	39	0	1
MV_Schw	G	11315	60	0	0.957721317456694
MV_Schw	T	11316	114	0	0.395791012435089
MV_Schw	G	11317	41	1	1
MV_Schw	G	11318	132	0	0.222002676269896
MV_Schw	C	11319	105	1	1
MV_Schw	T	11320	64	1	1
MV_Schw	G	11321	83	1	1
MV_Schw	C	11322	39	0	1
MV_Schw	A	11323	68	1	1
MV_Schw	T	11324	33	0	1
MV_Schw	A	11325	25	0	1
MV_Schw	A	11326	54	0	0.950262622850522
MV_Schw	G	11327	105	1	1
MV_Schw	A	11328	10	0	1
MV_Schw	G	11329	151	2	1
MV_Schw	G	11330	130	0	0.222002676269896
MV_Schw	C	11331	401	1	0.0101108442101485
MV_Schw	T	11332	155	1	0.88950624150852
MV_Schw	T	11333	128	0	0.307480793677112
MV_Schw	G	11334	217	1	0.355607115956135
MV_Schw	A	11335	8	0	1
MV_Schw	G	11336	78	0	0.638894311640422
MV_Schw	A	11337	29	0	1
MV_Schw	C	11338	68	1	1

MV_Schw	C	11339	16	0		1
MV_Schw	T	11340	12	0		1
MV_Schw	C	11341	112	0	0.390108970321283	
MV_Schw	T	11342	10	0		1
MV_Schw	G	11343	83	0	0.645428736569362	
MV_Schw	T	11344	2	0		1
MV_Schw	C	11345	252	2	0.436962346550212	
MV_Schw	C	11346	31	0		1
MV_Schw	T	11347	6	0		1
MV_Schw	G	11348	48	1		1
MV_Schw	T	11349	19	0		1
MV_Schw	A	11350	37	0		1
MV_Schw	T	11351	21	0		1
MV_Schw	G	11352	37	0		1
MV_Schw	T	11353	2	0		1
MV_Schw	A	11354	76	0	0.638894311640422	
MV_Schw	A	11355	19	0		1
MV_Schw	G	11356	560	6	0.276185047881473	
MV_Schw	T	11357	14	0		1
MV_Schw	G	11358	285	1	0.0364439659893172	
MV_Schw	A	11359	6	0		1
MV_Schw	C	11360	384	3	0.287197732119776	
MV_Schw	C	11361	118	1	0.789229943133706	
MV_Schw	C	11362	269	1	0.0493136923590554	
MV_Schw	T	11363	29	0		1
MV_Schw	C	11364	105	0	0.37877131423274	
MV_Schw	A	11365	209	2	0.734151152837751	
MV_Schw	T	11366	378	1	0.0191302408693408	
MV_Schw	T	11367	141	1	0.542247232322076	
MV_Schw	G	11368	333	2	0.151437812318609	
MV_Schw	C	11369	209	1	0.444605338381727	
MV_Schw	C	11370	122	1	0.791667533131283	
MV_Schw	C	11371	1300	3	3.65683744054040e-11	
MV_Schw	C	11372	386	4	0.445919862395878	
MV_Schw	C	11373	163	3		1
MV_Schw	C	11374	952	24	0.789229943133706	

MV_Schw	C	11375	151	3		1
MV_Schw	G	11376	595	3	0.00682559034278123	
MV_Schw	A	11377	25	1	0.704667204683568	
MV_Schw	C	11378	155	5	0.91293301557491	
MV_Schw	C	11379	85	1		1
MV_Schw	T	11380	37	1		1
MV_Schw	T	11381	27	1		1
MV_Schw	G	11382	78	0	0.638894311640422	
MV_Schw	A	11383	48	0	0.950262622850522	
MV_Schw	C	11384	357	2	0.0898153680528284	
MV_Schw	G	11385	215	2	0.737839609011326	
MV_Schw	C	11386	124	3		1
MV_Schw	C	11387	54	0	0.950262622850522	
MV_Schw	C	11388	83	0	0.645428736569362	
MV_Schw	A	11389	167	1	0.788293646497135	
MV_Schw	T	11390	41	0		1
MV_Schw	A	11391	14	0		1
MV_Schw	T	11392	8	1	0.789229943133706	
MV_Schw	C	11393	16	0		1
MV_Schw	C	11394	72	1		1
MV_Schw	C	11395	200	2	0.822598489333375	
MV_Schw	G	11396	275	1	0.139259883257776	
MV_Schw	T	11397	140	1	0.986363032184908	
MV_Schw	T	11398	78	1		1
MV_Schw	A	11399	35	0		1
MV_Schw	T	11400	23	0		1
MV_Schw	A	11401	27	0		1
MV_Schw	T	11402	23	0		1
MV_Schw	A	11403	91	1		1
MV_Schw	A	11404	6	0		1
MV_Schw	A	11405	31	0		1
MV_Schw	G	11406	74	2		1
MV_Schw	T	11407	41	1		1
MV_Schw	C	11408	72	1		1
MV_Schw	C	11409	112	0	0.390108970321283	
MV_Schw	C	11410	85	0	0.648224297390367	

MV_Schw	C	11411	192	1	0.542247232322076
MV_Schw	A	11412	72	1	1
MV_Schw	A	11413	17	1	0.983041048229953
MV_Schw	T	11414	25	0	1
MV_Schw	G	11415	10	0	1
MV_Schw	A	11416	68	0	0.789229943133706
MV_Schw	T	11417	6	0	1
MV_Schw	C	11418	155	3	1
MV_Schw	A	11419	29	0	1
MV_Schw	A	11420	10	0	1
MV_Schw	A	11421	33	0	1
MV_Schw	T	11422	43	0	1
MV_Schw	C	11423	62	1	1
MV_Schw	T	11424	14	1	0.944879389258477
MV_Schw	T	11425	10	0	1
MV_Schw	C	11426	297	3	0.747415194406969
MV_Schw	A	11427	83	1	1
MV_Schw	T	11428	12	0	1
MV_Schw	T	11429	21	0	1
MV_Schw	A	11430	6	0	1
MV_Schw	A	11431	8	1	0.789229943133706
MV_Schw	G	11432	95	1	1
MV_Schw	T	11433	103	1	1
MV_Schw	A	11434	19	1	1
MV_Schw	C	11435	21	0	1
MV_Schw	C	11436	23	0	1
MV_Schw	C	11437	33	0	1
MV_Schw	T	11438	27	1	1
MV_Schw	A	11439	19	0	1
MV_Schw	T	11440	10	0	1
MV_Schw	G	11441	97	0	0.503192867159235
MV_Schw	G	11442	50	0	0.950262622850522
MV_Schw	G	11443	66	2	1
MV_Schw	NA	11444	0	0	NA
MV_Schw	G	11445	79	0	0.639207655977387
MV_Schw	G	11446	17	0	1

MV_Schw	T	11447	31	1		1
MV_Schw	A	11448	21	1		1
MV_Schw	T	11449	25	0		1
MV_Schw	A	11450	25	1		1
MV_Schw	G	11451	87	1		1
MV_Schw	A	11452	39	0		1
MV_Schw	A	11453	33	0		1
MV_Schw	G	11454	87	0	0.653463094391213	
MV_Schw	G	11455	19	0		1
MV_Schw	G	11456	72	1		1
MV_Schw	T	11457	6	0		1
MV_Schw	A	11458	37	0		1
MV_Schw	T	11459	8	0		1
MV_Schw	T	11460	12	0		1
MV_Schw	G	11461	605	4	0.0168207902038516	
MV_Schw	T	11462	33	1	0.822598489333375	
MV_Schw	C	11463	149	1	0.550155392537109	
MV_Schw	A	11464	188	3		1
MV_Schw	G	11465	107	5	0.42458526175556	
MV_Schw	A	11466	45	1		1
MV_Schw	A	11467	14	1	0.426789350155389	
MV_Schw	G	11468	45	1		1
MV_Schw	C	11469	79	2		1
MV_Schw	T	11470	21	0		1
MV_Schw	G	11471	262	8	0.704667204683568	
MV_Schw	T	11472	58	1		1
MV_Schw	G	11473	324	5		1
MV_Schw	G	11474	74	1		1
MV_Schw	A	11475	45	0		1
MV_Schw	C	11476	50	2	0.746970975838775	
MV_Schw	C	11477	62	0	0.789229943133706	
MV_Schw	A	11478	165	0	0.121895614141351	
MV_Schw	T	11479	60	1		1
MV_Schw	C	11480	421	1	0.00753302608313683	
MV_Schw	A	11481	159	2		1
MV_Schw	G	11482	459	5	0.359577424226080	

MV_Schw	C	11483	182	1	0.65158773158174
MV_Schw	A	11484	64	0	0.789229943133706
MV_Schw	C	11485	105	1	1
MV_Schw	C	11486	33	0	1
MV_Schw	A	11487	62	1	1
MV_Schw	T	11488	27	1	1
MV_Schw	T	11489	66	0	0.789229943133706
MV_Schw	C	11490	66	2	1
MV_Schw	C	11491	194	1	0.542465567021569
MV_Schw	C	11492	43	2	0.632968068765344
MV_Schw	T	11493	52	0	0.950262622850522
MV_Schw	A	11494	52	1	1
MV_Schw	T	11495	35	1	1
MV_Schw	C	11496	60	0	0.957721317456694
MV_Schw	T	11497	8	1	0.789229943133706
MV_Schw	A	11498	17	0	1
MV_Schw	T	11499	19	0	1
MV_Schw	A	11500	14	0	1
MV_Schw	C	11501	83	0	0.645428736569362
MV_Schw	C	11502	87	0	0.653463094391213
MV_Schw	T	11503	47	1	1
MV_Schw	G	11504	62	2	0.991517221373143
MV_Schw	G	11505	50	0	0.950262622850522
MV_Schw	C	11506	281	2	0.297936084972
MV_Schw	T	11507	37	0	1
MV_Schw	G	11508	52	0	0.950262622850522
MV_Schw	C	11509	79	1	1
MV_Schw	T	11510	17	0	1
MV_Schw	T	11511	25	0	1
MV_Schw	A	11512	58	1	1
MV_Schw	T	11513	97	1	0.944879389258477
MV_Schw	G	11514	29	0	1
MV_Schw	A	11515	12	0	1
MV_Schw	G	11516	215	1	0.161523149254406
MV_Schw	A	11517	95	1	1
MV_Schw	G	11518	267	1	0.0490074444205503

MV_Schw	C	11519	50	1		1
MV_Schw	G	11520	79	1		1
MV_Schw	G	11521	37	1		1
MV_Schw	A	11522	21	1		1
MV_Schw	G	11523	161	2		1
MV_Schw	T	11524	52	0	0.950262622850522	
MV_Schw	A	11525	66	0	0.789229943133706	
MV_Schw	A	11526	4	0		1
MV_Schw	G	11527	60	1		1
MV_Schw	G	11528	124	1	0.791667533131283	
MV_Schw	A	11529	50	0	0.950262622850522	
MV_Schw	T	11530	12	0		1
MV_Schw	T	11531	35	0		1
MV_Schw	G	11532	25	0		1
MV_Schw	C	11533	306	1	0.081259384624919	
MV_Schw	T	11534	70	0	0.789229943133706	
MV_Schw	T	11535	48	0	0.950262622850522	
MV_Schw	C	11536	262	2	0.44055837109039	
MV_Schw	G	11537	169	1	0.789229943133706	
MV_Schw	T	11538	12	0		1
MV_Schw	T	11539	12	0		1
MV_Schw	A	11540	21	0		1
MV_Schw	G	11541	58	0	0.953489044526869	
MV_Schw	T	11542	37	0		1
MV_Schw	G	11543	97	0	0.503192867159235	
MV_Schw	C	11544	198	2	0.822598489333375	
MV_Schw	A	11545	12	0		1
MV_Schw	A	11546	58	1		1
MV_Schw	G	11547	200	3		1
MV_Schw	G	11548	95	0	0.499662168427985	
MV_Schw	G	11549	473	2	0.0095386769445105	
MV_Schw	G	11550	72	0	0.791667533131283	
MV_Schw	A	11551	16	0		1
MV_Schw	C	11552	97	1	0.944879389258477	
MV_Schw	A	11553	41	1		1
MV_Schw	A	11554	126	1		1

MV_Schw	T	11555	99	1	0.944879389258477
MV_Schw	C	11556	238	2	0.527222494111535
MV_Schw	A	11557	103	1	0.944879389258477
MV_Schw	G	11558	99	1	1
MV_Schw	A	11559	68	0	0.789229943133706
MV_Schw	C	11560	223	1	0.357638705203787
MV_Schw	C	11561	76	1	1
MV_Schw	A	11562	27	0	1
MV_Schw	T	11563	17	0	1
MV_Schw	A	11564	35	1	1
MV_Schw	G	11565	159	3	1
MV_Schw	C	11566	109	0	0.381672248067152
MV_Schw	C	11567	21	0	1
MV_Schw	G	11568	159	1	0.78470776546672
MV_Schw	T	11569	37	0	1
MV_Schw	A	11570	54	0	0.950262622850522
MV_Schw	A	11571	14	0	1
MV_Schw	C	11572	180	2	0.945848991671798
MV_Schw	A	11573	76	0	0.638894311640422
MV_Schw	A	11574	17	0	1
MV_Schw	A	11575	33	1	1
MV_Schw	A	11576	48	0	0.950262622850522
MV_Schw	A	11577	43	0	1
MV_Schw	G	11578	174	1	0.648224297390367
MV_Schw	G	11579	25	1	1
MV_Schw	G	11580	31	0	1
MV_Schw	T	11581	10	1	0.822598489333375
MV_Schw	A	11582	17	0	1
MV_Schw	C	11583	70	0	0.789229943133706
MV_Schw	C	11584	95	1	1
MV_Schw	C	11585	333	5	0.957721317456694
MV_Schw	A	11586	388	3	0.288870964410068
MV_Schw	G	11587	258	3	0.681308121427830
MV_Schw	C	11588	390	2	0.0529105666346528
MV_Schw	A	11589	48	0	0.950262622850522
MV_Schw	C	11590	271	3	0.596462243771637

MV_Schw	A	11591	16	1	0.950262622850522
MV_Schw	T	11592	58	3	0.528591092326266
MV_Schw	G	11593	62	1	1
MV_Schw	G	11594	31	0	1
MV_Schw	C	11595	428	2	0.022708666888273
MV_Schw	C	11596	14	1	0.944879389258477
MV_Schw	C	11597	163	1	0.442454646177787
MV_Schw	T	11598	37	0	1
MV_Schw	A	11599	29	0	1
MV_Schw	C	11600	68	1	1
MV_Schw	A	11601	50	0	0.950262622850522
MV_Schw	NA	11602	0	0	NA
MV_Schw	C	11603	64	1	1
MV_Schw	C	11604	16	0	1
MV_Schw	T	11605	0	0	1
MV_Schw	T	11606	17	1	0.528591092326266
MV_Schw	A	11607	78	0	0.638894311640422
MV_Schw	A	11608	29	0	1
MV_Schw	G	11609	87	1	1
MV_Schw	A	11610	47	0	1
MV_Schw	A	11611	14	0	1
MV_Schw	A	11612	23	0	1
MV_Schw	C	11613	269	4	1
MV_Schw	G	11614	78	0	0.638894311640422
MV_Schw	G	11615	93	1	1
MV_Schw	G	11616	105	0	0.37877131423274
MV_Schw	A	11617	17	0	1
MV_Schw	A	11618	33	0	1
MV_Schw	G	11619	19	0	1
MV_Schw	C	11620	27	1	1
MV_Schw	T	11621	35	0	1
MV_Schw	G	11622	95	1	1
MV_Schw	C	11623	188	2	0.950262622850522
MV_Schw	T	11624	81	1	1
MV_Schw	A	11625	37	0	1
MV_Schw	G	11626	47	1	1

MV_Schw	A	11627	31	1		1
MV_Schw	G	11628	48	0	0.950262622850522	
MV_Schw	T	11629	21	0		1
MV_Schw	A	11630	2	0		1
MV_Schw	A	11631	8	0		1
MV_Schw	C	11632	143	1	0.542465567021569	
MV_Schw	T	11633	48	1		1
MV_Schw	A	11634	23	0		1
MV_Schw	G	11635	41	0		1
MV_Schw	A	11636	10	0		1
MV_Schw	G	11637	39	0		1
MV_Schw	A	11638	43	0		1
MV_Schw	T	11639	41	0		1
MV_Schw	T	11640	6	0		1
MV_Schw	A	11641	6	0		1
MV_Schw	C	11642	97	1	0.944879389258477	
MV_Schw	T	11643	6	0		1
MV_Schw	T	11644	23	0		1
MV_Schw	T	11645	31	0		1
MV_Schw	G	11646	68	1		1
MV_Schw	T	11647	2	0		1
MV_Schw	A	11648	6	0		1
MV_Schw	A	11649	19	0		1
MV_Schw	T	11650	10	1	0.822598489333375	
MV_Schw	NA	11651	0	0		NA
MV_Schw	C	11652	45	0		1
MV_Schw	T	11653	2	0		1
MV_Schw	T	11654	12	0		1
MV_Schw	A	11655	8	0		1
MV_Schw	G	11656	17	1	0.983041048229953	
MV_Schw	G	11657	27	0		1
MV_Schw	C	11658	4	0		1
MV_Schw	A	11659	2	0		1
MV_Schw	A	11660	10	0		1
MV_Schw	A	11661	29	1		1
MV_Schw	G	11662	87	3	0.935220820395243	

MV_Schw	G	11663	31	1	0.791667533131283
MV_Schw	C	11664	19	0	1
MV_Schw	T	11665	6	0	1
MV_Schw	A	11666	8	0	1
MV_Schw	C	11667	109	0	0.381672248067152
MV_Schw	A	11668	64	0	0.789229943133706
MV_Schw	T	11669	39	0	1
MV_Schw	G	11670	21	1	1
MV_Schw	A	11671	4	0	1
MV_Schw	T	11672	56	0	0.950262622850522
MV_Schw	A	11673	97	0	0.503192867159235
MV_Schw	T	11674	45	1	1
MV_Schw	T	11675	60	1	1
MV_Schw	G	11676	27	1	1
MV_Schw	G	11677	141	1	0.989441011726102
MV_Schw	C	11678	68	1	1
MV_Schw	C	11679	163	1	0.442454646177787
MV_Schw	A	11680	47	0	1
MV_Schw	T	11681	14	0	1
MV_Schw	C	11682	31	0	1
MV_Schw	A	11683	6	1	0.704667204683568
MV_Schw	C	11684	169	2	1
MV_Schw	C	11685	50	0	0.950262622850522
MV_Schw	T	11686	6	0	1
MV_Schw	C	11687	12	0	1
MV_Schw	A	11688	12	0	1
MV_Schw	A	11689	33	1	1
MV_Schw	G	11690	116	2	1
MV_Schw	G	11691	23	0	1
MV_Schw	C	11692	19	0	1
MV_Schw	A	11693	8	0	1
MV_Schw	A	11694	16	0	1
MV_Schw	A	11695	52	0	0.950262622850522
MV_Schw	T	11696	25	0	1
MV_Schw	G	11697	19	0	1
MV_Schw	A	11698	8	0	1

MV_Schw	G	11699	60	0	0.957721317456694	
MV_Schw	A	11700	8	0		1
MV_Schw	C	11701	52	1		1
MV_Schw	A	11702	2	1	0.491835918445353	
MV_Schw	A	11703	4	0		1
MV_Schw	T	11704	21	0		1
MV_Schw	T	11705	12	0		1
MV_Schw	G	11706	70	1		1
MV_Schw	T	11707	6	0		1
MV_Schw	T	11708	19	0		1
MV_Schw	T	11709	39	0		1
MV_Schw	C	11710	29	0		1
MV_Schw	A	11711	14	0		1
MV_Schw	T	11712	4	0		1
MV_Schw	C	11713	16	0		1
MV_Schw	A	11714	14	0		1
MV_Schw	C	11715	19	0		1
MV_Schw	A	11716	12	0		1
MV_Schw	NA	11717	0	0		NA
MV_Schw	T	11718	0	1	0.307480793677112	
MV_Schw	T	11719	2	0		1
MV_Schw	T	11720	4	0		1
MV_Schw	T	11721	17	0		1
MV_Schw	T	11722	50	1		1
MV_Schw	T	11723	33	0		1
MV_Schw	G	11724	45	0		1
MV_Schw	T	11725	4	0		1
MV_Schw	C	11726	4	0		1
MV_Schw	NA	11727	0	0		NA
MV_Schw	A	11728	10	0		1
MV_Schw	T	11729	27	0		1
MV_Schw	T	11730	19	0		1
MV_Schw	C	11731	23	1		1
MV_Schw	A	11732	17	0		1
MV_Schw	A	11733	6	0		1
MV_Schw	A	11734	70	0	0.789229943133706	

MV_Schw	A	11735	39	1		1
MV_Schw	G	11736	128	2		1
MV_Schw	G	11737	17	0		1
MV_Schw	A	11738	2	0		1
MV_Schw	A	11739	19	0		1
MV_Schw	T	11740	12	0		1
MV_Schw	A	11741	6	0		1
MV_Schw	T	11742	2	1	0.491835918445353	
MV_Schw	A	11743	79	1		1
MV_Schw	T	11744	35	0		1
MV_Schw	T	11745	14	0		1
MV_Schw	A	11746	48	0	0.950262622850522	
MV_Schw	T	11747	287	1	0.0368535484835669	
MV_Schw	G	11748	21	0		1
MV_Schw	A	11749	60	0	0.957721317456694	
MV_Schw	T	11750	60	2	0.983041048229953	
MV_Schw	G	11751	76	1		1
MV_Schw	G	11752	97	1		1
MV_Schw	G	11753	110	1	0.789229943133706	
MV_Schw	C	11754	48	0	0.950262622850522	
MV_Schw	T	11755	45	1		1
MV_Schw	A	11756	4	0		1
MV_Schw	C	11757	234	3		1
MV_Schw	T	11758	35	0		1
MV_Schw	T	11759	66	0	0.789229943133706	
MV_Schw	G	11760	68	0	0.789229943133706	
MV_Schw	T	11761	6	0		1
MV_Schw	G	11762	223	4		1
MV_Schw	T	11763	54	1		1
MV_Schw	C	11764	116	1	0.789229943133706	
MV_Schw	C	11765	16	0		1
MV_Schw	C	11766	171	1	0.341945784780834	
MV_Schw	A	11767	134	0	0.222853068696264	
MV_Schw	A	11768	87	0	0.653463094391213	
MV_Schw	T	11769	14	0		1
MV_Schw	C	11770	35	0		1

MV_Schw	A	11771	6	0		1
MV_Schw	C	11772	207	0	0.0469760201915419	
MV_Schw	T	11773	8	0		1
MV_Schw	C	11774	93	1		1
MV_Schw	A	11775	10	0		1
MV_Schw	A	11776	37	0		1
MV_Schw	G	11777	45	0		1
MV_Schw	A	11778	33	0		1
MV_Schw	G	11779	47	0		1
MV_Schw	C	11780	19	0		1
MV_Schw	A	11781	37	1	0.88950624150852	
MV_Schw	T	11782	68	1		1
MV_Schw	C	11783	393	2	0.054106035846325	
MV_Schw	G	11784	514	5	0.176326153322901	
MV_Schw	C	11785	112	1		1
MV_Schw	A	11786	50	0	0.950262622850522	
MV_Schw	A	11787	21	0		1
MV_Schw	G	11788	35	1		1
MV_Schw	A	11789	21	0		1
MV_Schw	T	11790	64	1		1
MV_Schw	G	11791	81	0	0.641186461810141	
MV_Schw	T	11792	10	0		1
MV_Schw	G	11793	91	0	0.497615650989996	
MV_Schw	T	11794	23	0		1
MV_Schw	A	11795	83	1		1
MV_Schw	T	11796	41	0		1
MV_Schw	T	11797	52	1		1
MV_Schw	C	11798	83	1		1
MV_Schw	T	11799	64	1		1
MV_Schw	G	11800	78	0	0.638894311640422	
MV_Schw	G	11801	702	5	0.00793189441128413	
MV_Schw	T	11802	39	0		1
MV_Schw	C	11803	207	1	0.222002676269896	
MV_Schw	A	11804	145	1	0.88950624150852	
MV_Schw	G	11805	60	0	0.957721317456694	
MV_Schw	A	11806	39	0		1

MV_Schw	G	11807	87	1		1
MV_Schw	A	11808	14	0		1
MV_Schw	C	11809	140	1	0.542247232322076	
MV_Schw	T	11810	14	0		1
MV_Schw	A	11811	19	0		1
MV_Schw	T	11812	31	1	0.791667533131283	
MV_Schw	A	11813	147	1	0.547090293958293	
MV_Schw	G	11814	126	1	0.658415249679101	
MV_Schw	T	11815	12	0		1
MV_Schw	T	11816	110	0	0.385864542883514	
MV_Schw	G	11817	455	3	0.0946571948002087	
MV_Schw	A	11818	120	0	0.297586725038221	
MV_Schw	T	11819	95	0	0.499662168427985	
MV_Schw	G	11820	184	1	0.653463094391213	
MV_Schw	A	11821	76	0	0.638894311640422	
MV_Schw	A	11822	136	1	0.667619064364632	
MV_Schw	A	11823	39	0		1
MV_Schw	C	11824	275	1	0.139259883257776	
MV_Schw	A	11825	29	1		1
MV_Schw	A	11826	64	0	0.789229943133706	
MV_Schw	G	11827	221	3		1
MV_Schw	G	11828	93	1		1
MV_Schw	G	11829	905	4	3.38345826293363e-05	
MV_Schw	C	11830	70	0	0.789229943133706	
MV_Schw	A	11831	45	0		1
MV_Schw	G	11832	145	1	0.544375066438321	
MV_Schw	C	11833	64	3	0.609091736782917	
MV_Schw	A	11834	81	1		1
MV_Schw	T	11835	79	1		1
MV_Schw	G	11836	58	1		1
MV_Schw	C	11837	643	7	0.285212858616411	
MV_Schw	A	11838	50	0	0.950262622850522	
MV_Schw	G	11839	597	4	0.0222273767865594	
MV_Schw	T	11840	50	0	0.950262622850522	
MV_Schw	A	11841	12	0		1
MV_Schw	A	11842	21	1		1

MV_Schw	T	11843	234	1	0.296710762771661
MV_Schw	A	11844	89	0	0.497615650989996
MV_Schw	T	11845	33	0	1
MV_Schw	T	11846	33	0	1
MV_Schw	G	11847	85	0	0.648224297390367
MV_Schw	C	11848	283	1	0.0361255560727518
MV_Schw	T	11849	45	0	1
MV_Schw	A	11850	112	1	1
MV_Schw	C	11851	477	6	0.641186461810141
MV_Schw	A	11852	21	1	1
MV_Schw	A	11853	29	1	1
MV_Schw	C	11854	79	1	1
MV_Schw	A	11855	39	1	0.9314909603024
MV_Schw	A	11856	21	0	1
MV_Schw	T	11857	29	0	1
MV_Schw	G	11858	41	2	0.599534349993353
MV_Schw	G	11859	149	1	0.550155392537109
MV_Schw	C	11860	97	1	1
MV_Schw	T	11861	68	1	1
MV_Schw	A	11862	29	0	1
MV_Schw	A	11863	169	3	1
MV_Schw	A	11864	21	0	1
MV_Schw	A	11865	21	0	1
MV_Schw	G	11866	93	0	0.498091317793217
MV_Schw	C	11867	91	1	1
MV_Schw	A	11868	130	0	0.222002676269896
MV_Schw	T	11869	68	0	0.789229943133706
MV_Schw	C	11870	83	1	1
MV_Schw	G	11871	107	3	1
MV_Schw	A	11872	39	1	1
MV_Schw	G	11873	163	0	0.120796610672436
MV_Schw	A	11874	85	0	0.648224297390367
MV_Schw	G	11875	211	3	0.957721317456694
MV_Schw	A	11876	66	1	1
MV_Schw	G	11877	72	1	1
MV_Schw	G	11878	388	5	0.646518100822354

MV_Schw	T	11879	14	0		1
MV_Schw	T	11880	50	1		1
MV_Schw	A	11881	169	1	0.789229943133706	
MV_Schw	T	11882	234	1	0.125475779768559	
MV_Schw	G	11883	153	1	0.88950624150852	
MV_Schw	A	11884	64	0	0.789229943133706	
MV_Schw	C	11885	570	4	0.0366062525741586	
MV_Schw	C	11886	291	1	0.107346160145134	
MV_Schw	G	11887	397	3	0.121677050932237	
MV_Schw	T	11888	60	0	0.957721317456694	
MV_Schw	T	11889	141	1	0.542247232322076	
MV_Schw	A	11890	58	0	0.953489044526869	
MV_Schw	C	11891	95	1		1
MV_Schw	C	11892	302	3	0.422936221821337	
MV_Schw	T	11893	33	0		1
MV_Schw	T	11894	136	3		1
MV_Schw	G	11895	83	0	0.645428736569362	
MV_Schw	C	11896	308	2	0.245534395819558	
MV_Schw	A	11897	95	0	0.499662168427985	
MV_Schw	T	11898	62	0	0.789229943133706	
MV_Schw	A	11899	19	0		1
MV_Schw	T	11900	4	0		1
MV_Schw	T	11901	10	0		1
MV_Schw	C	11902	97	1	0.944879389258477	
MV_Schw	C	11903	1353	5	1.78258854391723e-08	
MV_Schw	C	11904	66	0	0.789229943133706	
MV_Schw	T	11905	122	0	0.298485329352986	
MV_Schw	G	11906	167	1	0.788293646497135	
MV_Schw	A	11907	45	0		1
MV_Schw	A	11908	27	0		1
MV_Schw	C	11909	50	0	0.950262622850522	
MV_Schw	G	11910	58	1		1
MV_Schw	T	11911	6	1	0.704667204683568	
MV_Schw	C	11912	14	0		1
MV_Schw	C	11913	114	1		1
MV_Schw	T	11914	54	1		1

MV_Schw	A	11915	31	0		1
MV_Schw	A	11916	27	0		1
MV_Schw	A	11917	45	0		1
MV_Schw	A	11918	37	2	0.528591092326266	
MV_Schw	G	11919	138	2		1
MV_Schw	T	11920	17	1	0.983041048229953	
MV_Schw	G	11921	45	1		1
MV_Schw	A	11922	8	0		1
MV_Schw	T	11923	72	0	0.791667533131283	
MV_Schw	A	11924	21	0		1
MV_Schw	C	11925	19	0		1
MV_Schw	A	11926	41	0		1
MV_Schw	G	11927	128	0	0.307480793677112	
MV_Schw	C	11928	267	4		1
MV_Schw	A	11929	72	3	0.822598489333375	
MV_Schw	A	11930	66	0	0.789229943133706	
MV_Schw	A	11931	21	0		1
MV_Schw	T	11932	279	1	0.140118472655024	
MV_Schw	T	11933	16	1	0.950262622850522	
MV_Schw	C	11934	143	0	0.161503851613234	
MV_Schw	T	11935	79	0	0.639207655977387	
MV_Schw	G	11936	211	1	0.445919862395878	
MV_Schw	A	11937	236	1	0.0898677847554452	
MV_Schw	T	11938	68	0	0.789229943133706	
MV_Schw	C	11939	37	0		1
MV_Schw	NA	11940	0	0		NA
MV_Schw	C	11941	37	0		1
MV_Schw	T	11942	48	1		1
MV_Schw	C	11943	597	4	0.0222273767865594	
MV_Schw	T	11944	21	0		1
MV_Schw	T	11945	47	0		1
MV_Schw	G	11946	37	0		1
MV_Schw	G	11947	72	0	0.791667533131283	
MV_Schw	C	11948	95	1		1
MV_Schw	T	11949	112	1	0.789229943133706	
MV_Schw	T	11950	62	0	0.789229943133706	

MV_Schw	C	11951	76	1		1
MV_Schw	A	11952	85	0	0.648224297390367	
MV_Schw	C	11953	258	1	0.0678856158274816	
MV_Schw	A	11954	229	2	0.632968068765344	
MV_Schw	A	11955	81	1		1
MV_Schw	T	11956	16	0		1
MV_Schw	C	11957	48	1		1
MV_Schw	A	11958	56	0	0.950262622850522	
MV_Schw	A	11959	31	0		1
MV_Schw	T	11960	47	0		1
MV_Schw	T	11961	23	0		1
MV_Schw	C	11962	31	1		1
MV_Schw	A	11963	47	0		1
MV_Schw	A	11964	6	0		1
MV_Schw	C	11965	378	4	0.528591092326266	
MV_Schw	C	11966	27	0		1
MV_Schw	A	11967	10	1	0.822598489333375	
MV_Schw	T	11968	14	0		1
MV_Schw	G	11969	35	0		1
MV_Schw	A	11970	25	0		1
MV_Schw	C	11971	180	1	0.355193190288496	
MV_Schw	C	11972	1017	11	0.0479728580883292	
MV_Schw	C	11973	66	0	0.789229943133706	
MV_Schw	G	11974	184	1	0.653463094391213	
MV_Schw	G	11975	250	2	0.532478122982245	
MV_Schw	G	11976	324	3	0.556022603372884	
MV_Schw	A	11977	54	1		1
MV_Schw	T	11978	159	1	0.437783686960654	
MV_Schw	G	11979	79	3	0.658415249679101	
MV_Schw	T	11980	29	1	0.789229943133706	
MV_Schw	A	11981	91	0	0.497615650989996	
MV_Schw	G	11982	300	3	0.751501025978229	
MV_Schw	T	11983	141	1	0.989441011726102	
MV_Schw	C	11984	126	0	0.305061614162072	
MV_Schw	A	11985	310	3	0.646034462647135	
MV_Schw	T	11986	48	0	0.950262622850522	

MV_Schw	A	11987	221	2	0.746970975838775
MV_Schw	C	11988	93	1	1
MV_Schw	C	11989	68	1	1
MV_Schw	C	11990	64	0	0.789229943133706
MV_Schw	C	11991	211	3	0.957721317456694
MV_Schw	T	11992	21	0	1
MV_Schw	C	11993	64	0	0.789229943133706
MV_Schw	C	11994	110	1	0.789229943133706
MV_Schw	T	11995	52	0	0.950262622850522
MV_Schw	C	11996	155	1	0.88950624150852
MV_Schw	A	11997	10	0	1
MV_Schw	C	11998	252	1	0.235179608025014
MV_Schw	A	11999	29	0	1
MV_Schw	A	12000	12	1	0.88950624150852
MV_Schw	A	12001	62	0	0.789229943133706
MV_Schw	C	12002	124	1	0.791667533131283
MV_Schw	A	12003	23	0	1
MV_Schw	A	12004	21	0	1
MV_Schw	C	12005	130	0	0.222002676269896
MV_Schw	G	12006	35	2	0.497615650989996
MV_Schw	A	12007	10	0	1
MV_Schw	C	12008	105	1	0.944944073306986
MV_Schw	C	12009	21	1	0.632968068765344
MV_Schw	T	12010	21	0	1
MV_Schw	C	12011	52	0	0.950262622850522
MV_Schw	T	12012	14	0	1
MV_Schw	T	12013	23	0	1
MV_Schw	A	12014	35	0	1
MV_Schw	A	12015	70	0	0.789229943133706
MV_Schw	T	12016	74	1	1
MV_Schw	A	12017	29	0	1
MV_Schw	A	12018	10	0	1
MV_Schw	G	12019	87	1	1
MV_Schw	G	12020	41	0	1
MV_Schw	A	12021	19	0	1
MV_Schw	T	12022	120	1	0.789229943133706

MV_Schw	G	12023	43	0		1
MV_Schw	G	12024	21	0		1
MV_Schw	C	12025	116	0	0.296710762771661	
MV_Schw	A	12026	31	1		1
MV_Schw	C	12027	110	1	0.789229943133706	
MV_Schw	T	12028	17	0		1
MV_Schw	G	12029	176	2		1
MV_Schw	T	12030	10	0		1
MV_Schw	T	12031	23	0		1
MV_Schw	G	12032	194	1	0.288870964410068	
MV_Schw	C	12033	143	0	0.161503851613234	
MV_Schw	C	12034	138	1	0.673422966374487	
MV_Schw	C	12035	196	0	0.0437133877334182	
MV_Schw	G	12036	85	0	0.648224297390367	
MV_Schw	C	12037	157	2		1
MV_Schw	T	12038	14	1	0.944879389258477	
MV_Schw	C	12039	29	0		1
MV_Schw	C	12040	60	0	0.957721317456694	
MV_Schw	T	12041	2	0		1
MV_Schw	A	12042	16	0		1
MV_Schw	T	12043	21	0		1
MV_Schw	T	12044	43	0		1
MV_Schw	G	12045	74	3	0.831755077907185	
MV_Schw	G	12046	176	3		1
MV_Schw	G	12047	47	0		1
MV_Schw	G	12048	56	0	0.950262622850522	
MV_Schw	G	12049	23	1	0.658415249679101	
MV_Schw	G	12050	157	0	0.118807954027477	
MV_Schw	A	12051	37	0		1
MV_Schw	T	12052	41	0		1
MV_Schw	G	12053	547	3	0.0212214795290776	
MV_Schw	A	12054	103	1	0.944879389258477	
MV_Schw	A	12055	78	1		1
MV_Schw	T	12056	35	1		1
MV_Schw	T	12057	52	1		1
MV_Schw	A	12058	60	0	0.957721317456694	

MV_Schw	T	12059	132	1	0.659520109379356
MV_Schw	C	12060	1037	12	0.103452875688776
MV_Schw	T	12061	227	1	0.362346869888542
MV_Schw	G	12062	43	1	0.950262622850522
MV_Schw	A	12063	33	0	1
MV_Schw	A	12064	145	3	1
MV_Schw	T	12065	157	2	1
MV_Schw	A	12066	23	0	1
MV_Schw	T	12067	198	3	1
MV_Schw	G	12068	244	3	0.996771597822493
MV_Schw	A	12069	27	1	1
MV_Schw	G	12070	579	11	1
MV_Schw	C	12071	169	2	1
MV_Schw	A	12072	56	2	0.968890372475178
MV_Schw	G	12073	126	0	0.305061614162072
MV_Schw	G	12074	184	5	1
MV_Schw	C	12075	43	1	1
MV_Schw	T	12076	50	1	1
MV_Schw	G	12077	297	3	0.503622649662695
MV_Schw	T	12078	27	1	1
MV_Schw	T	12079	25	0	1
MV_Schw	T	12080	56	0	0.950262622850522
MV_Schw	G	12081	326	2	0.149071756066224
MV_Schw	T	12082	10	0	1
MV_Schw	C	12083	426	5	0.497615650989996
MV_Schw	A	12084	105	1	1
MV_Schw	G	12085	326	5	0.954925832278678
MV_Schw	A	12086	10	0	1
MV_Schw	A	12087	21	1	0.632968068765344
MV_Schw	A	12088	14	0	1
MV_Schw	C	12089	157	1	0.88950624150852
MV_Schw	A	12090	37	0	1
MV_Schw	T	12091	25	1	1
MV_Schw	C	12092	705	4	0.00238953033826470
MV_Schw	G	12093	132	1	0.659520109379356
MV_Schw	G	12094	293	3	0.746970975838775

MV_Schw	T	12095	21	0		1
MV_Schw	G	12096	242	3	0.789229943133706	
MV_Schw	A	12097	29	0		1
MV_Schw	T	12098	58	0	0.953489044526869	
MV_Schw	C	12099	23	0		1
MV_Schw	C	12100	203	1	0.44280652126772	
MV_Schw	A	12101	50	0	0.950262622850522	
MV_Schw	G	12102	312	3	0.647007014396193	
MV_Schw	T	12103	45	0		1
MV_Schw	A	12104	29	1		1
MV_Schw	A	12105	21	0		1
MV_Schw	C	12106	37	0		1
MV_Schw	A	12107	50	0	0.950262622850522	
MV_Schw	T	12108	19	0		1
MV_Schw	C	12109	112	2		1
MV_Schw	A	12110	83	0	0.645428736569362	
MV_Schw	T	12111	8	0		1
MV_Schw	C	12112	180	1	0.649372270546162	
MV_Schw	A	12113	95	0	0.499662168427985	
MV_Schw	A	12114	43	1		1
MV_Schw	T	12115	31	0		1
MV_Schw	T	12116	132	0	0.222002676269896	
MV_Schw	G	12117	196	3		1
MV_Schw	C	12118	192	3		1
MV_Schw	T	12119	31	1		1
MV_Schw	G	12120	203	2	0.822598489333375	
MV_Schw	A	12121	19	0		1
MV_Schw	T	12122	81	0	0.641186461810141	
MV_Schw	C	12123	68	1		1
MV_Schw	T	12124	23	1		1
MV_Schw	C	12125	50	0	0.950262622850522	
MV_Schw	A	12126	74	0	0.795198078226602	
MV_Schw	A	12127	105	3	0.950262622850522	
MV_Schw	G	12128	155	1	0.436311974989592	
MV_Schw	A	12129	12	0		1
MV_Schw	G	12130	161	1	0.440157375549872	

MV_Schw	A	12131	39	0		1
MV_Schw	A	12132	33	0		1
MV_Schw	T	12133	112	0	0.390108970321283	
MV_Schw	G	12134	70	1		1
MV_Schw	A	12135	41	1		1
MV_Schw	T	12136	50	1		1
MV_Schw	T	12137	209	2	0.734151152837751	
MV_Schw	C	12138	229	0	0.0226023994581542	
MV_Schw	T	12139	10	0		1
MV_Schw	C	12140	172	1	0.342651296301386	
MV_Schw	G	12141	333	1	0.00991162712036537	
MV_Schw	C	12142	258	2	0.437908798039714	
MV_Schw	C	12143	192	1	0.285482351071617	
MV_Schw	T	12144	23	0		1
MV_Schw	C	12145	132	1	0.983041048229953	
MV_Schw	A	12146	21	0		1
MV_Schw	C	12147	68	1		1
MV_Schw	T	12148	50	0	0.950262622850522	
MV_Schw	A	12149	21	1		1
MV_Schw	A	12150	4	0		1
MV_Schw	T	12151	43	1		1
MV_Schw	G	12152	56	0	0.950262622850522	
MV_Schw	C	12153	153	1	0.88950624150852	
MV_Schw	C	12154	105	0	0.37877131423274	
MV_Schw	T	12155	54	0	0.950262622850522	
MV_Schw	G	12156	362	4	0.618143728331124	
MV_Schw	A	12157	105	0	0.37877131423274	
MV_Schw	A	12158	155	1	0.88950624150852	
MV_Schw	G	12159	172	1	0.342651296301386	
MV_Schw	A	12160	45	1		1
MV_Schw	G	12161	43	0		1
MV_Schw	A	12162	10	0		1
MV_Schw	C	12163	209	4		1
MV_Schw	C	12164	219	3		1
MV_Schw	C	12165	70	0	0.789229943133706	
MV_Schw	T	12166	54	2	0.789229943133706	

MV_Schw	C	12167	103	1		1
MV_Schw	C	12168	328	6		1
MV_Schw	A	12169	244	7	0.930221016257973	
MV_Schw	T	12170	54	2	0.789229943133706	
MV_Schw	C	12171	126	3		1
MV_Schw	A	12172	43	1		1
MV_Schw	A	12173	54	1		1
MV_Schw	G	12174	190	8	0.227876189492639	
MV_Schw	T	12175	81	1		1
MV_Schw	A	12176	10	0		1
MV_Schw	A	12177	4	0		1
MV_Schw	T	12178	64	1		1
MV_Schw	G	12179	130	1	0.658415249679101	
MV_Schw	A	12180	27	0		1
MV_Schw	C	12181	246	5		1
MV_Schw	A	12182	27	0		1
MV_Schw	C	12183	229	0	0.0226023994581542	
MV_Schw	A	12184	89	1		1
MV_Schw	A	12185	25	0		1
MV_Schw	C	12186	240	1	0.298485329352986	
MV_Schw	A	12187	39	1		1
MV_Schw	A	12188	19	1		1
MV_Schw	C	12189	403	3	0.0931787203291559	
MV_Schw	C	12190	196	1	0.214586843368945	
MV_Schw	G	12191	266	0	0.00770605171892268	
MV_Schw	G	12192	607	6	0.158882742848662	
MV_Schw	G	12193	719	7	0.0666530655058788	
MV_Schw	G	12194	283	1	0.0361255560727518	
MV_Schw	G	12195	56	1		1
MV_Schw	A	12196	17	0		1
MV_Schw	C	12197	93	1		1
MV_Schw	T	12198	29	0		1
MV_Schw	C	12199	295	2	0.305061614162072	
MV_Schw	T	12200	56	0	0.950262622850522	
MV_Schw	T	12201	19	0		1
MV_Schw	C	12202	229	1	0.121832950892168	

MV_Schw	A	12203	112	0	0.390108970321283
MV_Schw	T	12204	39	0	1
MV_Schw	T	12205	27	1	0.752394317790241
MV_Schw	C	12206	81	1	1
MV_Schw	C	12207	132	1	0.659520109379356
MV_Schw	T	12208	2	0	1
MV_Schw	A	12209	41	1	1
MV_Schw	G	12210	184	1	0.653463094391213
MV_Schw	A	12211	8	0	1
MV_Schw	C	12212	93	1	1
MV_Schw	T	12213	10	0	1
MV_Schw	G	12214	78	0	0.638894311640422
MV_Schw	G	12215	54	0	0.950262622850522
MV_Schw	G	12216	76	1	1
MV_Schw	C	12217	359	1	0.0254600581365598
MV_Schw	T	12218	41	0	1
MV_Schw	A	12219	48	0	0.950262622850522
MV_Schw	G	12220	246	0	0.0168207902038516
MV_Schw	C	12221	122	1	0.791667533131283
MV_Schw	G	12222	279	3	0.819327818667335
MV_Schw	A	12223	10	0	1
MV_Schw	C	12224	186	1	0.278307737263878
MV_Schw	C	12225	89	0	0.497615650989996
MV_Schw	C	12226	41	0	1
MV_Schw	T	12227	35	1	1
MV_Schw	T	12228	17	0	1
MV_Schw	A	12229	10	1	0.822598489333375
MV_Schw	C	12230	128	2	1
MV_Schw	T	12231	19	0	1
MV_Schw	C	12232	45	1	1
MV_Schw	A	12233	107	0	0.380027812845055
MV_Schw	G	12234	74	1	1
MV_Schw	C	12235	176	0	0.0873173091778286
MV_Schw	A	12236	76	1	1
MV_Schw	A	12237	39	0	1
MV_Schw	A	12238	31	0	1

MV_Schw	T	12239	23	0		1
MV_Schw	C	12240	163	1	0.442454646177787	
MV_Schw	T	12241	2	0		1
MV_Schw	T	12242	37	0		1
MV_Schw	G	12243	163	0	0.120796610672436	
MV_Schw	T	12244	116	0	0.296710762771661	
MV_Schw	A	12245	12	0		1
MV_Schw	T	12246	29	1		1
MV_Schw	G	12247	6	0		1
MV_Schw	NA	12248	0	0		NA
MV_Schw	G	12249	238	1	0.297586725038221	
MV_Schw	T	12250	43	1	0.950262622850522	
MV_Schw	C	12251	452	4	0.226501401371001	
MV_Schw	C	12252	145	0	0.161503851613234	
MV_Schw	A	12253	359	2	0.0899737520860967	
MV_Schw	G	12254	192	0	0.0637677617687036	
MV_Schw	A	12255	83	1		1
MV_Schw	G	12256	132	1	0.983041048229953	
MV_Schw	C	12257	202	1	0.551026371204373	
MV_Schw	A	12258	17	0		1
MV_Schw	T	12259	68	0	0.789229943133706	
MV_Schw	C	12260	83	1		1
MV_Schw	A	12261	145	1	0.544375066438321	
MV_Schw	C	12262	514	3	0.0351061035438848	
MV_Schw	T	12263	33	0		1
MV_Schw	A	12264	48	0	0.950262622850522	
MV_Schw	G	12265	52	0	0.950262622850522	
MV_Schw	A	12266	16	0		1
MV_Schw	C	12267	114	0	0.395791012435089	
MV_Schw	T	12268	8	0		1
MV_Schw	C	12269	16	0		1
MV_Schw	C	12270	62	2	0.991517221373143	
MV_Schw	T	12271	10	0		1
MV_Schw	C	12272	136	1	0.983041048229953	
MV_Schw	A	12273	47	0		1
MV_Schw	A	12274	21	0		1

MV_Schw	G	12275	72	1		1
MV_Schw	A	12276	2	0		1
MV_Schw	A	12277	4	0		1
MV_Schw	C	12278	19	1		1
MV_Schw	A	12279	14	0		1
MV_Schw	T	12280	25	0		1
MV_Schw	A	12281	6	0		1
MV_Schw	NA	12282	0	0		NA
MV_Schw	C	12283	27	0		1
MV_Schw	T	12284	12	0		1
MV_Schw	G	12285	72	0	0.791667533131283	
MV_Schw	C	12286	78	0	0.638894311640422	
MV_Schw	A	12287	25	0		1
MV_Schw	A	12288	19	0		1
MV_Schw	G	12289	62	1		1
MV_Schw	G	12290	48	1		1
MV_Schw	T	12291	14	0		1
MV_Schw	T	12292	4	0		1
MV_Schw	T	12293	60	1		1
MV_Schw	G	12294	147	1	0.547090293958293	
MV_Schw	T	12295	48	0	0.950262622850522	
MV_Schw	C	12296	287	3	0.499662168427985	
MV_Schw	C	12297	219	1	0.164760602972146	
MV_Schw	T	12298	14	0		1
MV_Schw	G	12299	62	0	0.789229943133706	
MV_Schw	A	12300	56	1		1
MV_Schw	T	12301	62	0	0.789229943133706	
MV_Schw	C	12302	78	1		1
MV_Schw	C	12303	12	0		1
MV_Schw	A	12304	41	0		1
MV_Schw	T	12305	27	0		1
MV_Schw	A	12306	169	1	0.341186273229673	
MV_Schw	G	12307	76	1		1
MV_Schw	T	12308	95	1		1
MV_Schw	C	12309	8	0		1
MV_Schw	C	12310	130	1	0.983041048229953	

MV_Schw	A	12311	31	0		1
MV_Schw	A	12312	43	0		1
MV_Schw	A	12313	33	0		1
MV_Schw	C	12314	128	2		1
MV_Schw	C	12315	27	1		1
MV_Schw	C	12316	8	1	0.789229943133706	
MV_Schw	A	12317	33	1		1
MV_Schw	A	12318	31	1		1
MV_Schw	T	12319	17	0		1
MV_Schw	G	12320	29	0		1
MV_Schw	T	12321	4	0		1
MV_Schw	T	12322	2	0		1
MV_Schw	A	12323	14	0		1
MV_Schw	A	12324	33	1	0.822598489333375	
MV_Schw	A	12325	19	0		1
MV_Schw	A	12326	126	1	0.658415249679101	
MV_Schw	G	12327	81	1		1
MV_Schw	G	12328	79	0	0.639207655977387	
MV_Schw	A	12329	10	0		1
MV_Schw	T	12330	31	0		1
MV_Schw	T	12331	16	0		1
MV_Schw	A	12332	16	0		1
MV_Schw	T	12333	10	0		1
MV_Schw	T	12334	39	0		1
MV_Schw	C	12335	97	1	0.944879389258477	
MV_Schw	C	12336	37	0		1
MV_Schw	A	12337	14	0		1
MV_Schw	T	12338	33	0		1
MV_Schw	G	12339	25	0		1
MV_Schw	A	12340	10	0		1
MV_Schw	T	12341	159	1	0.437783686960654	
MV_Schw	G	12342	14	1	0.944879389258477	
MV_Schw	A	12343	6	0		1
MV_Schw	C	12344	81	1		1
MV_Schw	A	12345	17	0		1
MV_Schw	G	12346	138	1	0.983694697749173	

MV_Schw	T	12347	12	0		1
MV_Schw	A	12348	89	1		1
MV_Schw	A	12349	52	0	0.950262622850522	
MV_Schw	A	12350	16	0		1
MV_Schw	G	12351	101	1	0.944879389258477	
MV_Schw	A	12352	76	1		1
MV_Schw	A	12353	17	0		1
MV_Schw	G	12354	39	1		1
MV_Schw	A	12355	12	0		1
MV_Schw	G	12356	287	5		1
MV_Schw	G	12357	37	0		1
MV_Schw	A	12358	33	1		1
MV_Schw	C	12359	205	4		1
MV_Schw	G	12360	171	2		1
MV_Schw	A	12361	47	0		1
MV_Schw	G	12362	120	3		1
MV_Schw	G	12363	295	2	0.305061614162072	
MV_Schw	G	12364	74	1		1
MV_Schw	A	12365	29	0		1
MV_Schw	C	12366	161	1	0.78470776546672	
MV_Schw	T	12367	167	1	0.788293646497135	
MV_Schw	G	12368	266	7		1
MV_Schw	G	12369	961	11	0.0834085699000277	
MV_Schw	C	12370	922	7	0.00229612616991462	
MV_Schw	G	12371	295	4	0.950262622850522	
MV_Schw	G	12372	93	1		1
MV_Schw	C	12373	107	0	0.380027812845055	
MV_Schw	A	12374	37	1		1
MV_Schw	T	12375	8	0		1
MV_Schw	T	12376	21	1		1
MV_Schw	C	12377	16	0		1
MV_Schw	C	12378	116	3		1
MV_Schw	T	12379	14	1	0.944879389258477	
MV_Schw	C	12380	126	1		1
MV_Schw	A	12381	17	0		1
MV_Schw	T	12382	48	0	0.950262622850522	

MV_Schw	G	12383	29	0		1
MV_Schw	G	12384	29	0		1
MV_Schw	A	12385	4	0		1
MV_Schw	C	12386	140	1	0.542247232322076	
MV_Schw	A	12387	10	0		1
MV_Schw	G	12388	91	1		1
MV_Schw	G	12389	74	0	0.795198078226602	
MV_Schw	C	12390	10	0		1
MV_Schw	A	12391	68	0	0.789229943133706	
MV_Schw	T	12392	10	0		1
MV_Schw	A	12393	37	0		1
MV_Schw	T	12394	8	0		1
MV_Schw	T	12395	6	0		1
MV_Schw	A	12396	29	0		1
MV_Schw	T	12397	23	0		1
MV_Schw	A	12398	35	0		1
MV_Schw	G	12399	211	1	0.445919862395878	
MV_Schw	T	12400	4	0		1
MV_Schw	A	12401	14	0		1
MV_Schw	C	12402	107	2		1
MV_Schw	C	12403	70	1		1
MV_Schw	T	12404	93	1		1
MV_Schw	A	12405	74	1		1
MV_Schw	G	12406	217	0	0.0324730952235072	
MV_Schw	G	12407	314	1	0.0199422832389014	
MV_Schw	G	12408	112	3		1
MV_Schw	C	12409	349	3	0.490209449039103	
MV_Schw	A	12410	50	1		1
MV_Schw	G	12411	101	0	0.51781700540984	
MV_Schw	C	12412	118	1	0.789229943133706	
MV_Schw	T	12413	66	1		1
MV_Schw	C	12414	103	1	0.944879389258477	
MV_Schw	A	12415	215	1	0.453602847432754	
MV_Schw	T	12416	70	1		1
MV_Schw	G	12417	196	1	0.544375066438321	
MV_Schw	A	12418	72	0	0.791667533131283	

MV_Schw	A	12419	29	0	1
MV_Schw	A	12420	50	0	0.950262622850522
MV_Schw	T	12421	52	0	0.950262622850522
MV_Schw	C	12422	202	1	0.551026371204373
MV_Schw	C	12423	250	0	0.0109496584840517
MV_Schw	T	12424	10	1	0.822598489333375
MV_Schw	G	12425	258	1	0.239311637103656
MV_Schw	G	12426	244	1	0.302058122534159
MV_Schw	A	12427	35	0	1
MV_Schw	T	12428	23	0	1
MV_Schw	C	12429	19	0	1
MV_Schw	A	12430	10	0	1
MV_Schw	T	12431	21	1	1
MV_Schw	A	12432	27	0	1
MV_Schw	G	12433	165	1	0.786994490087255
MV_Schw	T	12434	17	0	1
MV_Schw	G	12435	93	1	1
MV_Schw	T	12436	4	0	1
MV_Schw	C	12437	217	1	0.162995980324535
MV_Schw	A	12438	85	1	1
MV_Schw	C	12439	200	1	0.215757612560076
MV_Schw	A	12440	16	0	1
MV_Schw	G	12441	21	0	1
MV_Schw	G	12442	56	0	0.950262622850522
MV_Schw	G	12443	45	0	1
MV_Schw	G	12444	89	0	0.497615650989996
MV_Schw	C	12445	87	1	1
MV_Schw	A	12446	99	1	0.944879389258477
MV_Schw	A	12447	116	1	1
MV_Schw	G	12448	114	0	0.395791012435089
MV_Schw	A	12449	79	1	1
MV_Schw	G	12450	68	0	0.789229943133706
MV_Schw	A	12451	10	0	1
MV_Schw	G	12452	430	1	0.00535602334512521
MV_Schw	T	12453	16	0	1
MV_Schw	C	12454	97	1	0.944879389258477

MV_Schw	T	12455	39	0		1
MV_Schw	A	12456	151	1	0.553693656798976	
MV_Schw	T	12457	116	1	0.789229943133706	
MV_Schw	T	12458	182	2	0.946416176064202	
MV_Schw	G	12459	70	0	0.789229943133706	
MV_Schw	C	12460	452	6	0.715462436038866	
MV_Schw	A	12461	8	1	0.789229943133706	
MV_Schw	G	12462	481	14	0.57780206681461	
MV_Schw	G	12463	60	0	0.957721317456694	
MV_Schw	C	12464	70	1		1
MV_Schw	A	12465	56	2	0.968890372475178	
MV_Schw	T	12466	19	0		1
MV_Schw	G	12467	382	5	0.94331577055384	
MV_Schw	C	12468	60	1		1
MV_Schw	T	12469	74	2		1
MV_Schw	G	12470	176	5		1
MV_Schw	G	12471	180	5	0.814096743847571	
MV_Schw	A	12472	12	0		1
MV_Schw	T	12473	105	1		1
MV_Schw	A	12474	4	0		1
MV_Schw	C	12475	12	1	0.88950624150852	
MV_Schw	C	12476	50	1		1
MV_Schw	A	12477	23	0		1
MV_Schw	C	12478	306	2	0.244450551107091	
MV_Schw	A	12479	14	0		1
MV_Schw	A	12480	35	1	0.863499923807603	
MV_Schw	A	12481	23	0		1
MV_Schw	A	12482	43	0		1
MV_Schw	G	12483	145	1	0.88950624150852	
MV_Schw	G	12484	14	0		1
MV_Schw	C	12485	184	1	0.653463094391213	
MV_Schw	T	12486	47	1		1
MV_Schw	T	12487	8	0		1
MV_Schw	G	12488	87	0	0.653463094391213	
MV_Schw	A	12489	48	1		1
MV_Schw	T	12490	29	0		1

MV_Schw	T	12491	16	0		1
MV_Schw	C	12492	41	1		1
MV_Schw	G	12493	27	0		1
MV_Schw	A	12494	47	1		1
MV_Schw	G	12495	709	7	0.141049492085993	
MV_Schw	C	12496	101	1	0.944879389258477	
MV_Schw	C	12497	10	0		1
MV_Schw	A	12498	17	0		1
MV_Schw	G	12499	70	0	0.789229943133706	
MV_Schw	C	12500	238	4		1
MV_Schw	A	12501	17	0		1
MV_Schw	T	12502	35	0		1
MV_Schw	G	12503	83	2		1
MV_Schw	A	12504	10	0		1
MV_Schw	G	12505	300	3	0.751501025978229	
MV_Schw	G	12506	91	0	0.497615650989996	
MV_Schw	A	12507	72	1		1
MV_Schw	A	12508	29	0		1
MV_Schw	G	12509	300	3	0.422936221821337	
MV_Schw	G	12510	202	1	0.216853413677777	
MV_Schw	G	12511	126	0	0.305061614162072	
MV_Schw	G	12512	83	1		1
MV_Schw	G	12513	120	1	0.789229943133706	
MV_Schw	G	12514	314	2	0.191041649732459	
MV_Schw	G	12515	533	3	0.0080978818750764	
MV_Schw	T	12516	48	1		1
MV_Schw	T	12517	12	0		1
MV_Schw	A	12518	48	0	0.950262622850522	
MV_Schw	A	12519	2	0		1
MV_Schw	C	12520	39	1		1
MV_Schw	C	12521	93	1		1
MV_Schw	T	12522	35	0		1
MV_Schw	C	12523	149	0	0.164331455962041	
MV_Schw	T	12524	31	0		1
MV_Schw	C	12525	118	0	0.296802961873227	
MV_Schw	G	12526	244	1	0.0914030439943087	

MV_Schw	A	12527	35	0		1
MV_Schw	G	12528	262	2	0.44055837109039	
MV_Schw	T	12529	68	0	0.789229943133706	
MV_Schw	G	12530	52	1		1
MV_Schw	A	12531	8	0		1
MV_Schw	T	12532	16	0		1
MV_Schw	A	12533	124	1		1
MV_Schw	A	12534	43	1		1
MV_Schw	C	12535	151	1	0.553693656798976	
MV_Schw	C	12536	47	0		1
MV_Schw	A	12537	39	0		1
MV_Schw	G	12538	109	1		1
MV_Schw	A	12539	54	0	0.950262622850522	
MV_Schw	T	12540	14	0		1
MV_Schw	T	12541	6	0		1
MV_Schw	G	12542	47	1		1
MV_Schw	T	12543	19	0		1
MV_Schw	C	12544	45	0		1
MV_Schw	C	12545	120	2		1
MV_Schw	A	12546	14	0		1
MV_Schw	A	12547	4	0		1
MV_Schw	T	12548	10	0		1
MV_Schw	T	12549	8	0		1
MV_Schw	A	12550	17	1	0.983041048229953	
MV_Schw	T	12551	23	0		1
MV_Schw	G	12552	23	1		1
MV_Schw	A	12553	12	0		1
MV_Schw	C	12554	76	0	0.638894311640422	
MV_Schw	T	12555	8	0		1
MV_Schw	A	12556	2	1	0.491835918445353	
MV_Schw	T	12557	8	1	0.789229943133706	
MV_Schw	G	12558	163	1	0.442454646177787	
MV_Schw	A	12559	43	1	0.950262622850522	
MV_Schw	A	12560	62	0	0.789229943133706	
MV_Schw	C	12561	101	0	0.51781700540984	
MV_Schw	A	12562	16	0		1

MV_Schw	A	12563	41	0		1
MV_Schw	T	12564	70	1		1
MV_Schw	T	12565	6	0		1
MV_Schw	C	12566	93	1		1
MV_Schw	A	12567	23	1		1
MV_Schw	G	12568	300	3	0.751501025978229	
MV_Schw	A	12569	68	0	0.789229943133706	
MV_Schw	G	12570	41	1		1
MV_Schw	C	12571	370	3	0.332639460884887	
MV_Schw	A	12572	29	0		1
MV_Schw	G	12573	99	1	0.944879389258477	
MV_Schw	G	12574	151	2		1
MV_Schw	G	12575	50	1		1
MV_Schw	A	12576	8	1	0.789229943133706	
MV_Schw	T	12577	60	0	0.957721317456694	
MV_Schw	G	12578	52	1		1
MV_Schw	G	12579	331	2	0.150659907408196	
MV_Schw	T	12580	56	1		1
MV_Schw	G	12581	167	1	0.341186273229673	
MV_Schw	C	12582	145	0	0.161503851613234	
MV_Schw	T	12583	31	0		1
MV_Schw	A	12584	202	2	0.822598489333375	
MV_Schw	T	12585	62	0	0.789229943133706	
MV_Schw	T	12586	91	0	0.497615650989996	
MV_Schw	G	12587	78	3	0.491835918445353	
MV_Schw	A	12588	8	0		1
MV_Schw	C	12589	399	5	0.828798787294197	
MV_Schw	A	12590	52	2	0.78354985902497	
MV_Schw	G	12591	157	3		1
MV_Schw	G	12592	227	3	0.88950624150852	
MV_Schw	A	12593	103	0	0.37877131423274	
MV_Schw	A	12594	43	2	0.632968068765344	
MV_Schw	G	12595	145	1	0.544375066438321	
MV_Schw	A	12596	21	0		1
MV_Schw	A	12597	39	0		1
MV_Schw	A	12598	64	1		1

MV_Schw	G	12599	647	4	0.00744242912026753
MV_Schw	A	12600	4	0	1
MV_Schw	G	12601	438	2	0.016883608592996
MV_Schw	A	12602	31	0	1
MV_Schw	A	12603	43	0	1
MV_Schw	A	12604	17	2	0.190596323698557
MV_Schw	T	12605	25	0	1
MV_Schw	G	12606	95	0	0.499662168427985
MV_Schw	T	12607	35	0	1
MV_Schw	C	12608	54	0	0.950262622850522
MV_Schw	C	12609	124	1	0.791667533131283
MV_Schw	T	12610	12	0	1
MV_Schw	C	12611	64	0	0.789229943133706
MV_Schw	A	12612	50	0	0.950262622850522
MV_Schw	T	12613	29	0	1
MV_Schw	T	12614	56	1	1
MV_Schw	G	12615	103	1	0.944879389258477
MV_Schw	A	12616	12	0	1
MV_Schw	C	12617	289	3	0.499662168427985
MV_Schw	A	12618	60	0	0.957721317456694
MV_Schw	A	12619	17	0	1
MV_Schw	A	12620	14	0	1
MV_Schw	G	12621	91	1	1
MV_Schw	A	12622	14	0	1
MV_Schw	G	12623	291	1	0.0263398139691685
MV_Schw	T	12624	6	0	1
MV_Schw	C	12625	45	0	1
MV_Schw	A	12626	31	1	1
MV_Schw	T	12627	25	0	1
MV_Schw	G	12628	581	5	0.138544864328202
MV_Schw	T	12629	21	0	1
MV_Schw	T	12630	8	0	1
MV_Schw	C	12631	52	0	0.950262622850522
MV_Schw	A	12632	66	0	0.789229943133706
MV_Schw	G	12633	190	1	0.282444566862733
MV_Schw	T	12634	68	1	1

MV_Schw	G	12635	29	1		1
MV_Schw	C	12636	93	1		1
MV_Schw	A	12637	12	0		1
MV_Schw	G	12638	97	1		1
MV_Schw	C	12639	140	2		1
MV_Schw	T	12640	8	0		1
MV_Schw	G	12641	136	3		1
MV_Schw	G	12642	229	3		1
MV_Schw	C	12643	401	4	0.37877131423274	
MV_Schw	G	12644	213	2	0.73548636006501	
MV_Schw	A	12645	29	0		1
MV_Schw	G	12646	136	2		1
MV_Schw	A	12647	17	0		1
MV_Schw	G	12648	39	0		1
MV_Schw	C	12649	145	1	0.544375066438321	
MV_Schw	T	12650	16	0		1
MV_Schw	C	12651	79	1		1
MV_Schw	T	12652	151	4		1
MV_Schw	A	12653	76	1		1
MV_Schw	A	12654	72	1		1
MV_Schw	G	12655	184	1	0.653463094391213	
MV_Schw	A	12656	37	1		1
MV_Schw	A	12657	16	0		1
MV_Schw	G	12658	209	3		1
MV_Schw	C	12659	66	0	0.789229943133706	
MV_Schw	C	12660	58	0	0.953489044526869	
MV_Schw	A	12661	12	1	0.88950624150852	
MV_Schw	T	12662	39	1	0.9314909603024	
MV_Schw	A	12663	41	1		1
MV_Schw	T	12664	21	0		1
MV_Schw	G	12665	48	1		1
MV_Schw	T	12666	10	0		1
MV_Schw	G	12667	95	1		1
MV_Schw	G	12668	498	2	0.00509568937883065	
MV_Schw	G	12669	269	1	0.0493136923590554	
MV_Schw	C	12670	124	3		1

MV_Schw	G	12671	114	0	0.395791012435089
MV_Schw	A	12672	10	0	1
MV_Schw	G	12673	151	0	0.166500460032885
MV_Schw	G	12674	430	3	0.152199178790049
MV_Schw	C	12675	89	1	1
MV_Schw	T	12676	14	0	1
MV_Schw	A	12677	21	0	1
MV_Schw	G	12678	107	1	0.945767847051808
MV_Schw	C	12679	163	1	0.785635770321324
MV_Schw	T	12680	116	0	0.296710762771661
MV_Schw	C	12681	357	2	0.0898153680528284
MV_Schw	G	12682	62	0	0.789229943133706
MV_Schw	A	12683	41	1	1
MV_Schw	G	12684	333	1	0.0460676776565913
MV_Schw	G	12685	159	3	1
MV_Schw	A	12686	19	0	1
MV_Schw	C	12687	43	0	1
MV_Schw	G	12688	120	1	0.789229943133706
MV_Schw	G	12689	128	1	0.658415249679101
MV_Schw	C	12690	47	0	1
MV_Schw	C	12691	33	1	0.822598489333375
MV_Schw	T	12692	21	0	1
MV_Schw	A	12693	50	0	0.950262622850522
MV_Schw	T	12694	6	0	1
MV_Schw	T	12695	12	0	1
MV_Schw	T	12696	41	0	1
MV_Schw	A	12697	45	0	1
MV_Schw	C	12698	116	0	0.296710762771661
MV_Schw	G	12699	169	0	0.0850400511116103
MV_Schw	G	12700	31	1	1
MV_Schw	C	12701	161	0	0.119516505590852
MV_Schw	C	12702	89	1	1
MV_Schw	T	12703	21	0	1
MV_Schw	T	12704	39	0	1
MV_Schw	G	12705	428	1	0.000886598205683316
MV_Schw	A	12706	50	0	0.950262622850522

MV_Schw	G	12707	85	1		1
MV_Schw	G	12708	101	0	0.51781700540984	
MV_Schw	T	12709	4	0		1
MV_Schw	C	12710	200	1	0.549697051814019	
MV_Schw	C	12711	45	1		1
MV_Schw	C	12712	273	3	0.944879389258477	
MV_Schw	T	12713	56	1		1
MV_Schw	G	12714	211	1	0.161253917348926	
MV_Schw	A	12715	31	1		1
MV_Schw	T	12716	60	1		1
MV_Schw	G	12717	25	0		1
MV_Schw	T	12718	10	0		1
MV_Schw	A	12719	10	0		1
MV_Schw	C	12720	312	3	0.647007014396193	
MV_Schw	T	12721	64	0	0.789229943133706	
MV_Schw	A	12722	39	1	0.9314909603024	
MV_Schw	G	12723	157	1	0.436962346550212	
MV_Schw	A	12724	19	0		1
MV_Schw	A	12725	56	0	0.950262622850522	
MV_Schw	T	12726	10	0		1
MV_Schw	C	12727	60	0	0.957721317456694	
MV_Schw	T	12728	25	0		1
MV_Schw	A	12729	8	0		1
MV_Schw	T	12730	217	1	0.355607115956135	
MV_Schw	G	12731	184	1	0.653463094391213	
MV_Schw	C	12732	141	0	0.235179608025014	
MV_Schw	G	12733	138	3		1
MV_Schw	A	12734	17	0		1
MV_Schw	G	12735	609	5	0.090192830807046	
MV_Schw	G	12736	116	1		1
MV_Schw	C	12737	213	4		1
MV_Schw	C	12738	58	1		1
MV_Schw	A	12739	12	0		1
MV_Schw	C	12740	293	0	0.00374831899291936	
MV_Schw	C	12741	112	1	0.789229943133706	
MV_Schw	T	12742	12	2	0.0975104748468945	

MV_Schw	T	12743	23	0		1
MV_Schw	A	12744	78	1		1
MV_Schw	T	12745	87	0	0.653463094391213	
MV_Schw	T	12746	91	1		1
MV_Schw	C	12747	141	1	0.989441011726102	
MV_Schw	G	12748	153	2		1
MV_Schw	G	12749	48	1		1
MV_Schw	C	12750	484	5	0.259624814115061	
MV_Schw	G	12751	302	3	0.752394317790241	
MV_Schw	T	12752	39	0		1
MV_Schw	C	12753	52	0	0.950262622850522	
MV_Schw	A	12754	31	0		1
MV_Schw	T	12755	41	1		1
MV_Schw	G	12756	151	0	0.166500460032885	
MV_Schw	A	12757	10	0		1
MV_Schw	G	12758	95	1		1
MV_Schw	A	12759	4	0		1
MV_Schw	C	12760	47	0		1
MV_Schw	A	12761	16	0		1
MV_Schw	T	12762	8	1	0.789229943133706	
MV_Schw	G	12763	93	1		1
MV_Schw	T	12764	12	0		1
MV_Schw	G	12765	182	2	0.946416176064202	
MV_Schw	T	12766	6	0		1
MV_Schw	C	12767	58	1		1
MV_Schw	A	12768	52	0	0.950262622850522	
MV_Schw	T	12769	29	1		1
MV_Schw	C	12770	97	1		1
MV_Schw	T	12771	83	1		1
MV_Schw	G	12772	81	1		1
MV_Schw	C	12773	182	1	0.65158773158174	
MV_Schw	G	12774	233	1	0.296710762771661	
MV_Schw	A	12775	27	1		1
MV_Schw	G	12776	176	3		1
MV_Schw	T	12777	50	0	0.950262622850522	
MV_Schw	G	12778	68	1		1

MV_Schw	T	12779	16	0		1
MV_Schw	G	12780	225	1	0.120869955174813	
MV_Schw	G	12781	153	2		1
MV_Schw	A	12782	70	1		1
MV_Schw	T	12783	60	0	0.957721317456694	
MV_Schw	C	12784	114	3		1
MV_Schw	A	12785	23	0		1
MV_Schw	G	12786	401	4	0.37877131423274	
MV_Schw	T	12787	12	1	0.88950624150852	
MV_Schw	C	12788	264	2	0.44280652126772	
MV_Schw	A	12789	25	1		1
MV_Schw	A	12790	17	0		1
MV_Schw	C	12791	279	5		1
MV_Schw	T	12792	70	1		1
MV_Schw	A	12793	12	1	0.88950624150852	
MV_Schw	C	12794	64	1		1
MV_Schw	G	12795	21	1	0.632968068765344	
MV_Schw	G	12796	128	0	0.307480793677112	
MV_Schw	A	12797	29	1	0.789229943133706	
MV_Schw	T	12798	35	0		1
MV_Schw	G	12799	66	1		1
MV_Schw	G	12800	234	2	0.638894311640422	
MV_Schw	T	12801	21	0		1
MV_Schw	T	12802	39	0		1
MV_Schw	T	12803	37	0		1
MV_Schw	T	12804	45	0		1
MV_Schw	T	12805	93	0	0.498091317793217	
MV_Schw	T	12806	124	0	0.301343438464672	
MV_Schw	G	12807	496	3	0.0196251329614518	
MV_Schw	T	12808	4	0		1
MV_Schw	C	12809	25	0		1
MV_Schw	C	12810	27	1		1
MV_Schw	C	12811	157	1	0.88950624150852	
MV_Schw	C	12812	262	1	0.069912848140492	
MV_Schw	T	12813	85	1		1
MV_Schw	C	12814	163	1	0.442454646177787	

MV_Schw	G	12815	151	1	0.553693656798976
MV_Schw	G	12816	41	0	1
MV_Schw	G	12817	126	1	1
MV_Schw	T	12818	14	0	1
MV_Schw	T	12819	31	2	0.428411386231373
MV_Schw	G	12820	107	1	0.945767847051808
MV_Schw	C	12821	37	0	1
MV_Schw	C	12822	107	1	1
MV_Schw	A	12823	105	1	1
MV_Schw	A	12824	27	1	1
MV_Schw	C	12825	151	0	0.166500460032885
MV_Schw	T	12826	16	0	1
MV_Schw	G	12827	83	1	1
MV_Schw	G	12828	52	0	0.950262622850522
MV_Schw	A	12829	31	1	1
MV_Schw	T	12830	37	0	1
MV_Schw	G	12831	25	0	1
MV_Schw	NA	12832	0	0	NA
MV_Schw	T	12833	45	0	1
MV_Schw	A	12834	14	0	1
MV_Schw	T	12835	64	1	1
MV_Schw	T	12836	66	1	1
MV_Schw	G	12837	50	0	0.950262622850522
MV_Schw	A	12838	12	0	1
MV_Schw	C	12839	203	2	0.822598489333375
MV_Schw	A	12840	66	1	1
MV_Schw	A	12841	17	0	1
MV_Schw	G	12842	151	2	1
MV_Schw	G	12843	116	1	1
MV_Schw	A	12844	25	1	1
MV_Schw	A	12845	27	1	1
MV_Schw	A	12846	4	0	1
MV_Schw	C	12847	161	1	0.78470776546672
MV_Schw	A	12848	23	1	0.658415249679101
MV_Schw	T	12849	12	0	1
MV_Schw	C	12850	29	0	1

MV_Schw	A	12851	17	0	1
MV_Schw	T	12852	8	0	1
MV_Schw	C	12853	19	0	1
MV_Schw	C	12854	172	1	0.342651296301386
MV_Schw	T	12855	29	0	1
MV_Schw	T	12856	43	0	1
MV_Schw	G	12857	345	1	0.00709066072995961
MV_Schw	A	12858	31	1	1
MV_Schw	G	12859	140	1	0.986363032184908
MV_Schw	A	12860	10	0	1
MV_Schw	G	12861	41	1	0.945767847051808
MV_Schw	NA	12862	0	0	NA
MV_Schw	C	12863	267	0	0.00780532454818942
MV_Schw	C	12864	178	2	0.945767847051808
MV_Schw	C	12865	298	3	0.506554058853276
MV_Schw	A	12866	89	0	0.497615650989996
MV_Schw	T	12867	27	1	1
MV_Schw	A	12868	16	1	0.950262622850522
MV_Schw	T	12869	10	0	1
MV_Schw	A	12870	138	1	0.673422966374487
MV_Schw	T	12871	12	0	1
MV_Schw	T	12872	39	1	0.9314909603024
MV_Schw	G	12873	66	0	0.789229943133706
MV_Schw	G	12874	157	1	0.88950624150852
MV_Schw	T	12875	35	0	1
MV_Schw	T	12876	23	0	1
MV_Schw	C	12877	110	1	0.789229943133706
MV_Schw	T	12878	17	0	1
MV_Schw	A	12879	12	0	1
MV_Schw	C	12880	124	2	1
MV_Schw	C	12881	159	0	0.118907467124559
MV_Schw	A	12882	4	0	1
MV_Schw	C	12883	52	0	0.950262622850522
MV_Schw	T	12884	50	0	0.950262622850522
MV_Schw	G	12885	50	0	0.950262622850522
MV_Schw	A	12886	8	0	1

MV_Schw	T	12887	27	0		1
MV_Schw	G	12888	78	1		1
MV_Schw	A	12889	50	0	0.950262622850522	
MV_Schw	G	12890	70	0	0.789229943133706	
MV_Schw	A	12891	23	0		1
MV_Schw	G	12892	124	2		1
MV_Schw	A	12893	23	0		1
MV_Schw	A	12894	31	0		1
MV_Schw	C	12895	359	0	0.000592673955321161	
MV_Schw	A	12896	8	0		1
MV_Schw	G	12897	33	0		1
MV_Schw	A	12898	4	0		1
MV_Schw	C	12899	76	1		1
MV_Schw	A	12900	33	1	0.822598489333375	
MV_Schw	T	12901	45	1		1
MV_Schw	G	12902	52	0	0.950262622850522	
MV_Schw	NA	12903	0	0		NA
MV_Schw	A	12904	17	0		1
MV_Schw	G	12905	43	0		1
MV_Schw	C	12906	83	0	0.645428736569362	
MV_Schw	T	12907	23	0		1
MV_Schw	T	12908	16	0		1
MV_Schw	G	12909	62	1		1
MV_Schw	C	12910	176	1	0.648224297390367	
MV_Schw	C	12911	58	1		1
MV_Schw	T	12912	54	0	0.950262622850522	
MV_Schw	T	12913	21	0		1
MV_Schw	C	12914	37	0		1
MV_Schw	G	12915	382	3	0.286632305354263	
MV_Schw	T	12916	81	1		1
MV_Schw	A	12917	205	3		1
MV_Schw	A	12918	33	0		1
MV_Schw	G	12919	99	1	0.944879389258477	
MV_Schw	A	12920	35	0		1
MV_Schw	G	12921	105	1	0.944944073306986	
MV_Schw	C	12922	39	0		1

MV_Schw	C	12923	380	0.000272518955931449
MV_Schw	C	12924	33	0
MV_Schw	C	12925	97	0.503192867159235
MV_Schw	A	12926	136	1.0983041048229953
MV_Schw	A	12927	54	0.950262622850522
MV_Schw	G	12928	426	2.00226023994581542
MV_Schw	T	12929	58	0.953489044526869
MV_Schw	C	12930	43	0
MV_Schw	G	12931	25	0
MV_Schw	A	12932	17	0
MV_Schw	T	12933	50	1
MV_Schw	C	12934	29	0
MV_Schw	C	12935	35	1
MV_Schw	T	12936	138	0.022714633168584
MV_Schw	T	12937	14	0
MV_Schw	G	12938	326	1.0062565132117356
MV_Schw	C	12939	45	0
MV_Schw	G	12940	68	1
MV_Schw	A	12941	16	0
MV_Schw	T	12942	27	0
MV_Schw	C	12943	74	0.0795198078226602
MV_Schw	T	12944	23	0
MV_Schw	G	12945	29	1
MV_Schw	C	12946	56	1
MV_Schw	T	12947	25	0
MV_Schw	G	12948	103	1
MV_Schw	T	12949	10	0
MV_Schw	T	12950	25	0
MV_Schw	A	12951	8	0
MV_Schw	G	12952	50	1
MV_Schw	A	12953	10	0
MV_Schw	A	12954	21	0
MV_Schw	T	12955	62	1
MV_Schw	A	12956	6	0
MV_Schw	G	12957	85	2
MV_Schw	C	12958	295	1.00263929889117958

MV_Schw	A	12959	74	1		1
MV_Schw	A	12960	23	0		1
MV_Schw	C	12961	35	0		1
MV_Schw	A	12962	45	1		1
MV_Schw	G	12963	29	0		1
MV_Schw	T	12964	16	0		1
MV_Schw	G	12965	85	0	0.648224297390367	
MV_Schw	T	12966	17	0		1
MV_Schw	A	12967	17	0		1
MV_Schw	C	12968	165	1	0.444605338381727	
MV_Schw	T	12969	21	0		1
MV_Schw	C	12970	184	1	0.277229700444564	
MV_Schw	A	12971	103	2		1
MV_Schw	T	12972	97	1	0.944879389258477	
MV_Schw	G	12973	174	1	0.344829637188882	
MV_Schw	G	12974	89	0	0.497615650989996	
MV_Schw	G	12975	50	0	0.950262622850522	
MV_Schw	C	12976	149	2		1
MV_Schw	T	12977	39	0		1
MV_Schw	T	12978	37	1		1
MV_Schw	A	12979	56	1		1
MV_Schw	C	12980	306	1	0.081259384624919	
MV_Schw	G	12981	97	1	0.944879389258477	
MV_Schw	G	12982	128	0	0.307480793677112	
MV_Schw	T	12983	52	0	0.950262622850522	
MV_Schw	G	12984	91	0	0.497615650989996	
MV_Schw	A	12985	35	0		1
MV_Schw	T	12986	153	1	0.436311974989592	
MV_Schw	G	12987	118	1		1
MV_Schw	A	12988	10	1	0.822598489333375	
MV_Schw	T	12989	33	0		1
MV_Schw	G	12990	130	0	0.222002676269896	
MV_Schw	A	12991	16	0		1
MV_Schw	T	12992	52	1		1
MV_Schw	A	12993	37	0		1
MV_Schw	G	12994	52	1		1

MV_Schw	C	12995	58	0	0.953489044526869
MV_Schw	T	12996	6	0	1
MV_Schw	C	12997	762	4	0.000729299306293862
MV_Schw	T	12998	66	1	1
MV_Schw	T	12999	41	0	1
MV_Schw	G	13000	43	2	0.632968068765344
MV_Schw	G	13001	110	0	0.385864542883514
MV_Schw	A	13002	109	0	0.381672248067152
MV_Schw	A	13003	43	1	1
MV_Schw	C	13004	140	1	0.986363032184908
MV_Schw	G	13005	64	0	0.789229943133706
MV_Schw	A	13006	19	0	1
MV_Schw	A	13007	39	0	1
MV_Schw	G	13008	157	0	0.118807954027477
MV_Schw	C	13009	240	2	0.527491093089607
MV_Schw	C	13010	93	1	1
MV_Schw	T	13011	50	0	0.950262622850522
MV_Schw	G	13012	58	0	0.953489044526869
MV_Schw	G	13013	178	1	0.648224297390367
MV_Schw	T	13014	27	0	1
MV_Schw	T	13015	17	0	1
MV_Schw	G	13016	114	0	0.395791012435089
MV_Schw	NA	13017	0	0	NA
MV_Schw	T	13018	17	1	0.983041048229953
MV_Schw	G	13019	81	1	1
MV_Schw	G	13020	110	1	1
MV_Schw	C	13021	31	0	1
MV_Schw	T	13022	23	0	1
MV_Schw	A	13023	29	0	1
MV_Schw	G	13024	78	1	1
MV_Schw	G	13025	39	0	1
MV_Schw	C	13026	434	1	0.000920302878117562
MV_Schw	A	13027	43	0	1
MV_Schw	A	13028	8	0	1
MV_Schw	A	13029	27	1	1
MV_Schw	G	13030	56	1	1

MV_Schw	G	13031	167	2		1
MV_Schw	G	13032	172	1	0.342651296301386	
MV_Schw	C	13033	97	0	0.503192867159235	
MV_Schw	C	13034	27	0		1
MV_Schw	A	13035	25	0		1
MV_Schw	A	13036	14	0		1
MV_Schw	T	13037	17	0		1
MV_Schw	G	13038	95	0	0.499662168427985	
MV_Schw	T	13039	116	1	0.789229943133706	
MV_Schw	G	13040	14	0		1
MV_Schw	A	13041	10	0		1
MV_Schw	G	13042	287	1	0.0368535484835669	
MV_Schw	C	13043	78	0	0.638894311640422	
MV_Schw	C	13044	70	1		1
MV_Schw	T	13045	27	0		1
MV_Schw	G	13046	236	0	0.0156200863386463	
MV_Schw	G	13047	130	1	0.658415249679101	
MV_Schw	A	13048	120	1	0.789229943133706	
MV_Schw	G	13049	130	1	0.983041048229953	
MV_Schw	G	13050	45	0		1
MV_Schw	A	13051	21	0		1
MV_Schw	G	13052	118	2		1
MV_Schw	C	13053	171	2		1
MV_Schw	T	13054	64	1		1
MV_Schw	A	13055	25	0		1
MV_Schw	A	13056	56	1		1
MV_Schw	G	13057	669	3	0.00155948632495435	
MV_Schw	G	13058	105	0	0.37877131423274	
MV_Schw	G	13059	287	1	0.0368535484835669	
MV_Schw	T	13060	62	1		1
MV_Schw	G	13061	209	2	0.734151152837751	
MV_Schw	A	13062	124	2		1
MV_Schw	T	13063	262	2	0.44055837109039	
MV_Schw	C	13064	302	1	0.0278312919914174	
MV_Schw	A	13065	54	0	0.950262622850522	
MV_Schw	C	13066	345	3	0.237817203872315	

MV_Schw	T	13067	78	0	0.638894311640422
MV_Schw	C	13068	380	3	0.152844714515976
MV_Schw	C	13069	99	1	0.944879389258477
MV_Schw	C	13070	27	0	1
MV_Schw	A	13071	50	1	1
MV_Schw	T	13072	50	0	0.950262622850522
MV_Schw	C	13073	114	1	0.789229943133706
MV_Schw	T	13074	29	0	1
MV_Schw	C	13075	14	0	1
MV_Schw	A	13076	8	0	1
MV_Schw	A	13077	21	0	1
MV_Schw	C	13078	66	0	0.789229943133706
MV_Schw	T	13079	21	0	1
MV_Schw	T	13080	8	0	1
MV_Schw	C	13081	19	0	1
MV_Schw	G	13082	39	3	0.273798916014578
MV_Schw	A	13083	70	1	1
MV_Schw	C	13084	316	1	0.060993248324147
MV_Schw	T	13085	12	0	1
MV_Schw	NA	13086	0	0	NA
MV_Schw	A	13087	25	0	1
MV_Schw	T	13088	23	0	1
MV_Schw	T	13089	83	1	1
MV_Schw	T	13090	54	0	0.950262622850522
MV_Schw	A	13091	99	1	0.944879389258477
MV_Schw	G	13092	35	0	1
MV_Schw	C	13093	153	0	0.169696698380260
MV_Schw	G	13094	43	1	1
MV_Schw	C	13095	97	1	0.944879389258477
MV_Schw	A	13096	27	0	1
MV_Schw	T	13097	19	0	1
MV_Schw	NA	13098	0	0	NA
MV_Schw	G	13099	47	0	1
MV_Schw	G	13100	79	0	0.639207655977387
MV_Schw	T	13101	6	0	1
MV_Schw	T	13102	21	0	1

MV_Schw	G	13103	221	0	0.0221567686996876	
MV_Schw	A	13104	56	0	0.950262622850522	
MV_Schw	G	13105	124	1	0.791667533131283	
MV_Schw	G	13106	155	1	0.88950624150852	
MV_Schw	G	13107	103	1		1
MV_Schw	A	13108	19	0		1
MV_Schw	T	13109	8	0		1
MV_Schw	C	13110	141	0	0.235179608025014	
MV_Schw	G	13111	467	3	0.0335249031960396	
MV_Schw	T	13112	219	2	0.7433964722815	
MV_Schw	A	13113	50	0	0.950262622850522	
MV_Schw	G	13114	364	1	0.0259173140292866	
MV_Schw	C	13115	19	0		1
MV_Schw	A	13116	39	1		1
MV_Schw	C	13117	192	0	0.0637677617687036	
MV_Schw	T	13118	8	0		1
MV_Schw	C	13119	12	0		1
MV_Schw	A	13120	23	1		1
MV_Schw	A	13121	21	0		1
MV_Schw	G	13122	281	1	0.0358765704418588	
MV_Schw	T	13123	10	0		1
MV_Schw	G	13124	78	0	0.638894311640422	
MV_Schw	A	13125	6	0		1
MV_Schw	A	13126	16	0		1
MV_Schw	A	13127	143	2		1
MV_Schw	T	13128	74	0	0.795198078226602	
MV_Schw	A	13129	4	0		1
MV_Schw	C	13130	192	3		1
MV_Schw	T	13131	14	1	0.944879389258477	
MV_Schw	C	13132	190	1	0.542247232322076	
MV_Schw	A	13133	76	0	0.638894311640422	
MV_Schw	G	13134	91	1		1
MV_Schw	G	13135	47	0		1
MV_Schw	T	13136	8	0		1
MV_Schw	A	13137	2	0		1
MV_Schw	C	13138	17	0		1

MV_Schw	A	13139	16	0		1
MV_Schw	T	13140	8	1	0.789229943133706	
MV_Schw	C	13141	37	0		1
MV_Schw	C	13142	66	1		1
MV_Schw	C	13143	72	1		1
MV_Schw	T	13144	10	0		1
MV_Schw	T	13145	16	0		1
MV_Schw	G	13146	103	1	0.944879389258477	
MV_Schw	T	13147	14	0		1
MV_Schw	C	13148	23	1		1
MV_Schw	C	13149	153	1	0.436311974989592	
MV_Schw	G	13150	16	0		1
MV_Schw	A	13151	10	0		1
MV_Schw	G	13152	105	1	0.944944073306986	
MV_Schw	T	13153	10	0		1
MV_Schw	G	13154	25	0		1
MV_Schw	G	13155	130	1	0.658415249679101	
MV_Schw	C	13156	27	1		1
MV_Schw	G	13157	328	2	0.149304739712522	
MV_Schw	A	13158	33	1		1
MV_Schw	G	13159	194	2	0.822598489333375	
MV_Schw	G	13160	159	2		1
MV_Schw	T	13161	4	0		1
MV_Schw	A	13162	72	0	0.791667533131283	
MV_Schw	T	13163	17	1	0.983041048229953	
MV_Schw	A	13164	64	0	0.789229943133706	
MV_Schw	C	13165	329	1	0.0146738363101635	
MV_Schw	C	13166	233	0	0.0235202211426643	
MV_Schw	A	13167	27	0		1
MV_Schw	C	13168	304	3	0.645428736569362	
MV_Schw	A	13169	16	0		1
MV_Schw	A	13170	190	3		1
MV_Schw	T	13171	64	1		1
MV_Schw	C	13172	58	1		1
MV_Schw	T	13173	23	0		1
MV_Schw	C	13174	68	1		1

MV_Schw	C	13175	213	3		1
MV_Schw	A	13176	269	2	0.35554222034638	
MV_Schw	A	13177	16	0		1
MV_Schw	C	13178	254	0	0.0111350404952786	
MV_Schw	G	13179	14	0		1
MV_Schw	A	13180	2	0		1
MV_Schw	C	13181	54	0	0.950262622850522	
MV_Schw	A	13182	48	2	0.709032941865358	
MV_Schw	A	13183	4	0		1
MV_Schw	T	13184	6	0		1
MV_Schw	C	13185	35	1		1
MV_Schw	NA	13186	0	0		NA
MV_Schw	C	13187	45	0		1
MV_Schw	T	13188	17	0		1
MV_Schw	C	13189	141	1	0.542247232322076	
MV_Schw	A	13190	16	0		1
MV_Schw	T	13191	17	0		1
MV_Schw	T	13192	10	0		1
MV_Schw	T	13193	25	0		1
MV_Schw	G	13194	62	0	0.789229943133706	
MV_Schw	T	13195	4	0		1
MV_Schw	C	13196	91	1		1
MV_Schw	A	13197	47	0		1
MV_Schw	T	13198	17	0		1
MV_Schw	A	13199	19	0		1
MV_Schw	T	13200	4	0		1
MV_Schw	C	13201	25	0		1
MV_Schw	A	13202	25	0		1
MV_Schw	G	13203	68	0	0.789229943133706	
MV_Schw	A	13204	21	0		1
MV_Schw	T	13205	66	0	0.789229943133706	
MV_Schw	A	13206	10	0		1
MV_Schw	A	13207	8	0		1
MV_Schw	G	13208	54	0	0.950262622850522	
MV_Schw	A	13209	10	0		1
MV_Schw	A	13210	14	0		1

MV_Schw	G	13211	31	0		1
MV_Schw	G	13212	95	0	0.499662168427985	
MV_Schw	T	13213	4	0		1
MV_Schw	T	13214	12	0		1
MV_Schw	G	13215	79	0	0.639207655977387	
MV_Schw	A	13216	6	0		1
MV_Schw	T	13217	29	0		1
MV_Schw	A	13218	31	1		1
MV_Schw	C	13219	17	0		1
MV_Schw	T	13220	2	0		1
MV_Schw	A	13221	8	0		1
MV_Schw	A	13222	35	0		1
MV_Schw	C	13223	229	3	0.88950624150852	
MV_Schw	T	13224	14	0		1
MV_Schw	T	13225	10	0		1
MV_Schw	T	13226	48	0	0.950262622850522	
MV_Schw	A	13227	14	0		1
MV_Schw	T	13228	10	0		1
MV_Schw	A	13229	14	0		1
MV_Schw	T	13230	14	0		1
MV_Schw	A	13231	2	0		1
MV_Schw	C	13232	27	0		1
MV_Schw	C	13233	50	0	0.950262622850522	
MV_Schw	A	13234	14	0		1
MV_Schw	A	13235	48	1		1
MV_Schw	C	13236	99	0	0.509396577320122	
MV_Schw	A	13237	58	1		1
MV_Schw	A	13238	4	0		1
MV_Schw	G	13239	64	0	0.789229943133706	
MV_Schw	G	13240	66	1		1
MV_Schw	A	13241	35	0		1
MV_Schw	A	13242	8	0		1
MV_Schw	T	13243	89	0	0.497615650989996	
MV_Schw	G	13244	16	0		1
MV_Schw	C	13245	35	1		1
MV_Schw	T	13246	60	0	0.957721317456694	

MV_Schw	T	13247	72	0	0.791667533131283
MV_Schw	C	13248	347	1	0.00709075117762907
MV_Schw	T	13249	39	0	1
MV_Schw	A	13250	21	1	0.632968068765344
MV_Schw	G	13251	50	1	1
MV_Schw	G	13252	48	1	1
MV_Schw	G	13253	190	1	0.282444566862733
MV_Schw	T	13254	14	0	1
MV_Schw	T	13255	56	0	0.950262622850522
MV_Schw	G	13256	103	1	1
MV_Schw	G	13257	23	1	1
MV_Schw	G	13258	87	1	1
MV_Schw	T	13259	8	0	1
MV_Schw	G	13260	182	2	0.946416176064202
MV_Schw	T	13261	14	0	1
MV_Schw	T	13262	114	1	1
MV_Schw	T	13263	27	1	1
MV_Schw	T	13264	143	3	1
MV_Schw	A	13265	4	0	1
MV_Schw	G	13266	293	2	0.302665612003202
MV_Schw	A	13267	62	1	1
MV_Schw	A	13268	12	0	1
MV_Schw	A	13269	4	0	1
MV_Schw	C	13270	39	0	1
MV_Schw	A	13271	58	0	0.953489044526869
MV_Schw	T	13272	2	0	1
MV_Schw	T	13273	14	0	1
MV_Schw	G	13274	70	1	1
MV_Schw	T	13275	12	0	1
MV_Schw	T	13276	47	0	1
MV_Schw	T	13277	35	0	1
MV_Schw	C	13278	10	0	1
MV_Schw	G	13279	10	0	1
MV_Schw	A	13280	14	0	1
MV_Schw	C	13281	47	0	1
MV_Schw	T	13282	6	0	1

MV_Schw	C	13283	14	0		1
MV_Schw	G	13284	43	0		1
MV_Schw	A	13285	10	0		1
MV_Schw	G	13286	287	1	0.0368535484835669	
MV_Schw	A	13287	23	0		1
MV_Schw	A	13288	48	1		1
MV_Schw	A	13289	8	0		1
MV_Schw	G	13290	37	1		1
MV_Schw	A	13291	21	0		1
MV_Schw	T	13292	31	3	0.0518737301478137	
MV_Schw	A	13293	47	2	0.678058690427187	
MV_Schw	C	13294	151	2		1
MV_Schw	C	13295	56	0	0.950262622850522	
MV_Schw	G	13296	364	2	0.0919716715734722	
MV_Schw	G	13297	165	1	0.786994490087255	
MV_Schw	A	13298	41	0		1
MV_Schw	T	13299	33	0		1
MV_Schw	C	13300	29	1		1
MV_Schw	A	13301	64	0	0.789229943133706	
MV_Schw	T	13302	47	1		1
MV_Schw	C	13303	194	3		1
MV_Schw	T	13304	83	0	0.645428736569362	
MV_Schw	A	13305	25	2	0.314611398059001	
MV_Schw	A	13306	50	0	0.950262622850522	
MV_Schw	C	13307	298	1	0.110724661200760	
MV_Schw	A	13308	52	1		1
MV_Schw	C	13309	93	1		1
MV_Schw	G	13310	14	0		1
MV_Schw	G	13311	43	0		1
MV_Schw	T	13312	10	0		1
MV_Schw	A	13313	52	0	0.950262622850522	
MV_Schw	T	13314	37	0		1
MV_Schw	T	13315	47	0		1
MV_Schw	A	13316	4	0		1
MV_Schw	C	13317	116	0	0.296710762771661	
MV_Schw	A	13318	39	0		1

MV_Schw	T	13319	27	0		1
MV_Schw	C	13320	45	0		1
MV_Schw	T	13321	74	1		1
MV_Schw	T	13322	19	0		1
MV_Schw	C	13323	17	0		1
MV_Schw	A	13324	58	0	0.953489044526869	
MV_Schw	C	13325	87	1		1
MV_Schw	G	13326	312	0	0.00278418782064866	
MV_Schw	T	13327	39	0		1
MV_Schw	C	13328	8	0		1
MV_Schw	G	13329	29	0		1
MV_Schw	A	13330	14	0		1
MV_Schw	A	13331	21	0		1
MV_Schw	A	13332	6	0		1
MV_Schw	C	13333	79	0	0.639207655977387	
MV_Schw	A	13334	8	0		1
MV_Schw	G	13335	39	0		1
MV_Schw	A	13336	29	0		1
MV_Schw	T	13337	2	0		1
MV_Schw	T	13338	21	1		1
MV_Schw	G	13339	43	0		1
MV_Schw	T	13340	19	0		1
MV_Schw	T	13341	50	0	0.950262622850522	
MV_Schw	G	13342	473	1	0.000314764319350838	
MV_Schw	C	13343	112	0	0.390108970321283	
MV_Schw	G	13344	176	0	0.0873173091778286	
MV_Schw	T	13345	16	0		1
MV_Schw	G	13346	72	3	0.42458526175556	
MV_Schw	A	13347	27	0		1
MV_Schw	T	13348	48	0	0.950262622850522	
MV_Schw	C	13349	118	0	0.296802961873227	
MV_Schw	C	13350	155	1	0.88950624150852	
MV_Schw	C	13351	595	1	1.25903180054441e-05	
MV_Schw	G	13352	91	0	0.497615650989996	
MV_Schw	A	13353	79	1		1
MV_Schw	T	13354	114	1		1

MV_Schw	G	13355	105	1	0.944944073306986
MV_Schw	A	13356	29	0	1
MV_Schw	T	13357	12	1	0.88950624150852
MV_Schw	A	13358	62	1	1
MV_Schw	G	13359	143	1	0.542465567021569
MV_Schw	A	13360	47	1	1
MV_Schw	T	13361	29	1	1
MV_Schw	C	13362	56	0	0.950262622850522
MV_Schw	A	13363	33	0	1
MV_Schw	T	13364	101	1	0.944879389258477
MV_Schw	C	13365	101	1	0.944879389258477
MV_Schw	C	13366	444	5	0.616288514811243
MV_Schw	C	13367	141	1	0.989441011726102
MV_Schw	A	13368	122	0	0.298485329352986
MV_Schw	G	13369	285	5	1
MV_Schw	G	13370	159	0	0.118907467124559
MV_Schw	A	13371	23	1	1
MV_Schw	T	13372	33	0	1
MV_Schw	A	13373	8	0	1
MV_Schw	C	13374	234	1	0.125475779768559
MV_Schw	C	13375	64	0	0.789229943133706
MV_Schw	C	13376	58	1	1
MV_Schw	A	13377	151	1	0.553693656798976
MV_Schw	G	13378	72	1	1
MV_Schw	C	13379	143	0	0.161503851613234
MV_Schw	T	13380	14	0	1
MV_Schw	C	13381	79	0	0.639207655977387
MV_Schw	C	13382	211	1	0.445919862395878
MV_Schw	C	13383	103	0	0.37877131423274
MV_Schw	G	13384	227	3	0.88950624150852
MV_Schw	C	13385	128	1	1
MV_Schw	A	13386	45	0	1
MV_Schw	A	13387	10	0	1
MV_Schw	G	13388	52	0	0.950262622850522
MV_Schw	C	13389	43	1	1
MV_Schw	T	13390	10	0	1

MV_Schw	NA	13391	0	0	NA
MV_Schw	G	13392	21	0	1
MV_Schw	A	13393	8	0	1
MV_Schw	G	13394	41	0	1
MV_Schw	C	13395	37	0	1
MV_Schw	T	13396	39	1	1
MV_Schw	G	13397	23	1	1
MV_Schw	A	13398	23	0	1
MV_Schw	G	13399	384	1	0.0199822045623633
MV_Schw	G	13400	130	1	0.658415249679101
MV_Schw	G	13401	68	0	0.789229943133706
MV_Schw	C	13402	107	1	0.945767847051808
MV_Schw	A	13403	23	0	1
MV_Schw	G	13404	434	1	0.0054651270080729
MV_Schw	A	13405	171	1	0.789229943133706
MV_Schw	G	13406	254	1	0.236329415529751
MV_Schw	C	13407	85	1	1
MV_Schw	T	13408	62	0	0.789229943133706
MV_Schw	A	13409	138	0	0.22714633168584
MV_Schw	T	13410	43	0	1
MV_Schw	G	13411	446	3	0.121677050932237
MV_Schw	T	13412	105	1	0.944944073306986
MV_Schw	A	13413	14	0	1
MV_Schw	C	13414	194	1	0.288870964410068
MV_Schw	C	13415	112	0	0.390108970321283
MV_Schw	A	13416	58	1	1
MV_Schw	A	13417	62	1	1
MV_Schw	C	13418	273	3	0.596471827524582
MV_Schw	C	13419	23	0	1
MV_Schw	C	13420	134	0	0.222853068696264
MV_Schw	A	13421	93	0	0.498091317793217
MV_Schw	T	13422	109	2	1
MV_Schw	T	13423	43	1	1
MV_Schw	G	13424	76	0	0.638894311640422
MV_Schw	A	13425	29	0	1
MV_Schw	T	13426	14	0	1

MV_Schw	A	13427	81	1		1
MV_Schw	T	13428	31	0		1
MV_Schw	A	13429	25	0		1
MV_Schw	T	13430	566	7	0.395928232829604	
MV_Schw	G	13431	85	1		1
MV_Schw	A	13432	16	0		1
MV_Schw	T	13433	58	0	0.953489044526869	
MV_Schw	A	13434	14	0		1
MV_Schw	A	13435	41	0		1
MV_Schw	T	13436	79	0	0.639207655977387	
MV_Schw	G	13437	50	1		1
MV_Schw	C	13438	83	1		1
MV_Schw	A	13439	6	0		1
MV_Schw	C	13440	23	0		1
MV_Schw	C	13441	196	1	0.544375066438321	
MV_Schw	T	13442	14	1	0.944879389258477	
MV_Schw	NA	13443	0	0		NA
MV_Schw	NA	13444	0	0		NA
MV_Schw	A	13445	27	0		1
MV_Schw	A	13446	10	0		1
MV_Schw	T	13447	33	0		1
MV_Schw	T	13448	19	0		1
MV_Schw	G	13449	19	0		1
MV_Schw	A	13450	2	0		1
MV_Schw	C	13451	517	1	0.000755067663239603	
MV_Schw	A	13452	35	1		1
MV_Schw	G	13453	21	0		1
MV_Schw	A	13454	4	0		1
MV_Schw	G	13455	64	0	0.789229943133706	
MV_Schw	A	13456	68	3	0.806176178462968	
MV_Schw	T	13457	33	0		1
MV_Schw	G	13458	10	0		1
MV_Schw	C	13459	167	2		1
MV_Schw	A	13460	78	1		1
MV_Schw	A	13461	17	0		1
MV_Schw	C	13462	634	3	0.0039370380729923	

MV_Schw	A	13463	10	0		1
MV_Schw	A	13464	76	1		1
MV_Schw	G	13465	109	2		1
MV_Schw	G	13466	145	1	0.544375066438321	
MV_Schw	C	13467	70	1		1
MV_Schw	T	13468	50	1		1
MV_Schw	A	13469	70	1		1
MV_Schw	T	13470	70	1		1
MV_Schw	A	13471	29	0		1
MV_Schw	C	13472	62	0	0.789229943133706	
MV_Schw	A	13473	12	1	0.88950624150852	
MV_Schw	C	13474	205	3		1
MV_Schw	C	13475	114	1	0.789229943133706	
MV_Schw	C	13476	453	5	0.355607115956135	
MV_Schw	A	13477	145	2		1
MV_Schw	G	13478	198	1	0.54661929710701	
MV_Schw	A	13479	54	1		1
MV_Schw	G	13480	118	1	0.789229943133706	
MV_Schw	C	13481	6	0		1
MV_Schw	C	13482	39	1		1
MV_Schw	A	13483	97	1	0.944879389258477	
MV_Schw	T	13484	52	1		1
MV_Schw	A	13485	110	0	0.385864542883514	
MV_Schw	G	13486	33	1	0.822598489333375	
MV_Schw	G	13487	68	0	0.789229943133706	
MV_Schw	A	13488	8	0		1
MV_Schw	G	13489	136	0	0.224063006917908	
MV_Schw	G	13490	29	0		1
MV_Schw	C	13491	31	0		1
MV_Schw	A	13492	33	0		1
MV_Schw	C	13493	43	0		1
MV_Schw	C	13494	41	0		1
MV_Schw	T	13495	6	0		1
MV_Schw	T	13496	14	0		1
MV_Schw	G	13497	147	1	0.547090293958293	
MV_Schw	T	13498	21	0		1

MV_Schw	G	13499	196	2	0.822598489333375
MV_Schw	G	13500	260	3	0.681693930547946
MV_Schw	A	13501	19	0	1
MV_Schw	A	13502	68	1	1
MV_Schw	T	13503	85	1	1
MV_Schw	T	13504	35	0	1
MV_Schw	T	13505	176	0	0.0873173091778286
MV_Schw	G	13506	217	3	0.957721317456694
MV_Schw	T	13507	112	1	0.789229943133706
MV_Schw	T	13508	186	0	0.0611551441006359
MV_Schw	A	13509	56	0	0.950262622850522
MV_Schw	C	13510	153	1	0.436311974989592
MV_Schw	A	13511	10	0	1
MV_Schw	T	13512	16	0	1
MV_Schw	G	13513	83	1	1
MV_Schw	G	13514	74	0	0.795198078226602
MV_Schw	T	13515	39	0	1
MV_Schw	C	13516	192	1	0.285482351071617
MV_Schw	C	13517	851	2	8.23219568062479e-07
MV_Schw	A	13518	16	0	1
MV_Schw	C	13519	89	1	1
MV_Schw	A	13520	64	0	0.789229943133706
MV_Schw	C	13521	93	1	1
MV_Schw	C	13522	159	0	0.118907467124559
MV_Schw	C	13523	8	0	1
MV_Schw	C	13524	326	1	0.0141787317264331
MV_Schw	A	13525	37	1	1
MV_Schw	A	13526	58	0	0.953489044526869
MV_Schw	C	13527	240	2	0.527491093089607
MV_Schw	T	13528	12	0	1
MV_Schw	A	13529	6	0	1
MV_Schw	T	13530	4	0	1
MV_Schw	A	13531	29	0	1
MV_Schw	T	13532	33	0	1
MV_Schw	C	13533	107	0	0.380027812845055
MV_Schw	A	13534	4	0	1

MV_Schw	C	13535	66	1		1
MV_Schw	A	13536	54	0	0.950262622850522	
MV_Schw	T	13537	76	1		1
MV_Schw	T	13538	25	1		1
MV_Schw	T	13539	10	0		1
MV_Schw	T	13540	47	2	0.678058690427187	
MV_Schw	A	13541	27	0		1
MV_Schw	G	13542	347	3	0.486898392739685	
MV_Schw	C	13543	52	1		1
MV_Schw	T	13544	17	0		1
MV_Schw	A	13545	6	0		1
MV_Schw	A	13546	8	0		1
MV_Schw	G	13547	281	4		1
MV_Schw	T	13548	17	0		1
MV_Schw	C	13549	60	1		1
MV_Schw	C	13550	93	0	0.498091317793217	
MV_Schw	A	13551	19	0		1
MV_Schw	C	13552	254	1	0.236329415529751	
MV_Schw	A	13553	103	0	0.37877131423274	
MV_Schw	G	13554	240	0	0.0158394533614316	
MV_Schw	C	13555	16	0		1
MV_Schw	A	13556	6	0		1
MV_Schw	C	13557	58	0	0.953489044526869	
MV_Schw	T	13558	4	0		1
MV_Schw	A	13559	25	0		1
MV_Schw	T	13560	6	0		1
MV_Schw	C	13561	118	0	0.296802961873227	
MV_Schw	T	13562	43	0		1
MV_Schw	A	13563	8	1	0.789229943133706	
MV_Schw	T	13564	48	0	0.950262622850522	
MV_Schw	G	13565	124	1	0.791667533131283	
MV_Schw	A	13566	6	0		1
MV_Schw	T	13567	16	0		1
MV_Schw	T	13568	10	0		1
MV_Schw	G	13569	66	1		1
MV_Schw	A	13570	8	0		1

MV_Schw	C	13571	172	3		1
MV_Schw	C	13572	140	1	0.542247232322076	
MV_Schw	T	13573	50	1		1
MV_Schw	G	13574	23	1		1
MV_Schw	G	13575	72	1		1
MV_Schw	T	13576	64	1		1
MV_Schw	A	13577	39	1		1
MV_Schw	A	13578	8	0		1
MV_Schw	C	13579	298	2	0.239137755983385	
MV_Schw	A	13580	35	1		1
MV_Schw	A	13581	25	0		1
MV_Schw	A	13582	16	0		1
MV_Schw	A	13583	39	1		1
MV_Schw	T	13584	27	0		1
MV_Schw	T	13585	27	1		1
MV_Schw	T	13586	48	1		1
MV_Schw	G	13587	52	0	0.950262622850522	
MV_Schw	A	13588	12	0		1
MV_Schw	G	13589	368	2	0.0684127900022543	
MV_Schw	A	13590	16	0		1
MV_Schw	A	13591	6	0		1
MV_Schw	G	13592	37	0		1
MV_Schw	G	13593	68	2		1
MV_Schw	A	13594	25	0		1
MV_Schw	C	13595	93	1		1
MV_Schw	C	13596	14	0		1
MV_Schw	A	13597	39	1		1
MV_Schw	T	13598	62	1		1
MV_Schw	A	13599	14	1	0.944879389258477	
MV_Schw	T	13600	2	0		1
MV_Schw	G	13601	19	1		1
MV_Schw	A	13602	0	0		1
MV_Schw	A	13603	78	1		1
MV_Schw	T	13604	157	4		1
MV_Schw	G	13605	297	7		1
MV_Schw	A	13606	17	0		1

MV_Schw	A	13607	27	0		1
MV_Schw	A	13608	70	1		1
MV_Schw	T	13609	41	0		1
MV_Schw	T	13610	79	1		1
MV_Schw	T	13611	41	0		1
MV_Schw	C	13612	101	0	0.51781700540984	
MV_Schw	A	13613	79	0	0.639207655977387	
MV_Schw	G	13614	116	1	0.789229943133706	
MV_Schw	C	13615	48	0	0.950262622850522	
MV_Schw	T	13616	2	0		1
MV_Schw	C	13617	29	0		1
MV_Schw	NA	13618	0	0		NA
MV_Schw	C	13619	33	1	0.822598489333375	
MV_Schw	A	13620	52	1		1
MV_Schw	T	13621	17	1	0.983041048229953	
MV_Schw	A	13622	29	1	0.789229943133706	
MV_Schw	G	13623	17	0		1
MV_Schw	G	13624	50	1		1
MV_Schw	G	13625	16	0		1
MV_Schw	G	13626	47	1		1
MV_Schw	A	13627	6	0		1
MV_Schw	T	13628	124	1	0.791667533131283	
MV_Schw	G	13629	219	1	0.164760602972146	
MV_Schw	A	13630	54	0	0.950262622850522	
MV_Schw	C	13631	194	2	0.822598489333375	
MV_Schw	G	13632	45	1		1
MV_Schw	A	13633	27	0		1
MV_Schw	T	13634	43	2	0.632968068765344	
MV_Schw	A	13635	37	0		1
MV_Schw	T	13636	6	0		1
MV_Schw	C	13637	47	0		1
MV_Schw	A	13638	19	0		1
MV_Schw	A	13639	41	0		1
MV_Schw	T	13640	54	0	0.950262622850522	
MV_Schw	A	13641	27	0		1
MV_Schw	G	13642	72	1		1

MV_Schw	T	13643	8	0		1
MV_Schw	T	13644	33	1		1
MV_Schw	T	13645	136	2		1
MV_Schw	C	13646	58	1		1
MV_Schw	A	13647	14	0		1
MV_Schw	T	13648	6	0		1
MV_Schw	A	13649	16	0		1
MV_Schw	A	13650	8	0		1
MV_Schw	C	13651	128	1		1
MV_Schw	T	13652	58	0	0.953489044526869	
MV_Schw	G	13653	31	0		1
MV_Schw	A	13654	8	0		1
MV_Schw	G	13655	81	0	0.641186461810141	
MV_Schw	T	13656	2	0		1
MV_Schw	T	13657	14	1	0.944879389258477	
MV_Schw	T	13658	14	0		1
MV_Schw	C	13659	25	0		1
MV_Schw	T	13660	17	1	0.983041048229953	
MV_Schw	G	13661	209	3		1
MV_Schw	C	13662	124	2		1
MV_Schw	NA	13663	0	0		NA
MV_Schw	C	13664	50	1		1
MV_Schw	A	13665	16	1	0.950262622850522	
MV_Schw	T	13666	41	1		1
MV_Schw	A	13667	16	1	0.950262622850522	
MV_Schw	G	13668	17	0		1
MV_Schw	A	13669	16	0		1
MV_Schw	G	13670	37	0		1
MV_Schw	C	13671	41	0		1
MV_Schw	C	13672	143	2		1
MV_Schw	A	13673	23	0		1
MV_Schw	A	13674	62	0	0.789229943133706	
MV_Schw	G	13675	312	0	0.00278418782064866	
MV_Schw	A	13676	23	1		1
MV_Schw	T	13677	25	0		1
MV_Schw	T	13678	4	0		1

MV_Schw	A	13679	52	1		1
MV_Schw	T	13680	45	0		1
MV_Schw	T	13681	132	0	0.222002676269896	
MV_Schw	C	13682	236	1	0.0898677847554452	
MV_Schw	A	13683	14	0		1
MV_Schw	C	13684	29	0		1
MV_Schw	T	13685	33	0		1
MV_Schw	A	13686	19	0		1
MV_Schw	T	13687	16	0		1
MV_Schw	C	13688	23	0		1
MV_Schw	T	13689	25	0		1
MV_Schw	A	13690	70	1		1
MV_Schw	C	13691	47	1		1
MV_Schw	T	13692	29	0		1
MV_Schw	T	13693	10	0		1
MV_Schw	G	13694	128	0	0.307480793677112	
MV_Schw	G	13695	97	0	0.503192867159235	
MV_Schw	G	13696	45	1		1
MV_Schw	C	13697	45	1		1
MV_Schw	C	13698	31	0		1
MV_Schw	NA	13699	0	0		NA
MV_Schw	G	13700	39	0		1
MV_Schw	T	13701	29	0		1
MV_Schw	G	13702	58	0	0.953489044526869	
MV_Schw	T	13703	21	0		1
MV_Schw	G	13704	93	0	0.498091317793217	
MV_Schw	C	13705	209	1	0.444605338381727	
MV_Schw	G	13706	244	3	0.996771597822493	
MV_Schw	G	13707	99	1	0.944879389258477	
MV_Schw	C	13708	163	3		1
MV_Schw	C	13709	83	0	0.645428736569362	
MV_Schw	A	13710	48	0	0.950262622850522	
MV_Schw	T	13711	6	0		1
MV_Schw	C	13712	66	0	0.789229943133706	
MV_Schw	A	13713	16	0		1
MV_Schw	A	13714	43	0		1

MV_Schw	T	13715	66	0	0.789229943133706
MV_Schw	T	13716	118	1	0.789229943133706
MV_Schw	G	13717	83	1	1
MV_Schw	G	13718	78	1	1
MV_Schw	G	13719	52	1	1
MV_Schw	C	13720	196	3	1
MV_Schw	A	13721	169	1	0.789229943133706
MV_Schw	T	13722	6	0	1
MV_Schw	T	13723	17	1	0.983041048229953
MV_Schw	T	13724	8	0	1
MV_Schw	G	13725	180	1	0.649372270546162
MV_Schw	A	13726	2	1	0.491835918445353
MV_Schw	T	13727	43	0	1
MV_Schw	G	13728	70	0	0.789229943133706
MV_Schw	T	13729	2	0	1
MV_Schw	A	13730	4	0	1
MV_Schw	C	13731	35	0	1
MV_Schw	A	13732	101	1	0.944879389258477
MV_Schw	T	13733	33	0	1
MV_Schw	T	13734	14	0	1
MV_Schw	A	13735	10	0	1
MV_Schw	T	13736	16	0	1
MV_Schw	C	13737	21	0	1
MV_Schw	A	13738	200	2	0.822598489333375
MV_Schw	T	13739	25	0	1
MV_Schw	A	13740	45	3	0.340185031164498
MV_Schw	G	13741	48	1	1
MV_Schw	NA	13742	0	0	NA
MV_Schw	C	13743	52	1	1
MV_Schw	C	13744	33	0	1
MV_Schw	A	13745	12	0	1
MV_Schw	T	13746	17	0	1
MV_Schw	C	13747	47	1	1
MV_Schw	A	13748	120	0	0.297586725038221
MV_Schw	G	13749	260	3	0.681693930547946
MV_Schw	G	13750	132	1	0.659520109379356

MV_Schw	G	13751	213	1	0.161503851613234
MV_Schw	A	13752	14	1	0.944879389258477
MV_Schw	A	13753	6	0	1
MV_Schw	A	13754	14	0	1
MV_Schw	T	13755	31	0	1
MV_Schw	A	13756	54	1	1
MV_Schw	T	13757	4	0	1
MV_Schw	C	13758	97	0	0.503192867159235
MV_Schw	A	13759	56	1	1
MV_Schw	G	13760	211	1	0.445919862395878
MV_Schw	A	13761	12	1	0.88950624150852
MV_Schw	T	13762	116	0	0.296710762771661
MV_Schw	G	13763	81	1	1
MV_Schw	G	13764	4	0	1
MV_Schw	G	13765	256	1	0.237817203872315
MV_Schw	T	13766	19	1	1
MV_Schw	G	13767	114	1	1
MV_Schw	A	13768	12	0	1
MV_Schw	G	13769	196	0	0.0437133877334182
MV_Schw	C	13770	62	1	1
MV_Schw	T	13771	54	1	1
MV_Schw	G	13772	161	1	0.440157375549872
MV_Schw	T	13773	56	0	0.950262622850522
MV_Schw	T	13774	60	0	0.957721317456694
MV_Schw	G	13775	341	3	0.297936084972
MV_Schw	T	13776	23	0	1
MV_Schw	C	13777	120	0	0.297586725038221
MV_Schw	A	13778	151	0	0.166500460032885
MV_Schw	T	13779	21	0	1
MV_Schw	C	13780	48	0	0.950262622850522
MV_Schw	G	13781	140	1	0.986363032184908
MV_Schw	T	13782	17	0	1
MV_Schw	T	13783	4	0	1
MV_Schw	C	13784	72	0	0.791667533131283
MV_Schw	C	13785	19	0	1
MV_Schw	T	13786	10	0	1

MV_Schw	T	13787	4	0		1
MV_Schw	T	13788	47	1		1
MV_Schw	C	13789	118	1	0.789229943133706	
MV_Schw	T	13790	2	0		1
MV_Schw	A	13791	4	0		1
MV_Schw	G	13792	76	0	0.638894311640422	
MV_Schw	A	13793	6	0		1
MV_Schw	A	13794	4	0		1
MV_Schw	T	13795	12	0		1
MV_Schw	G	13796	52	0	0.950262622850522	
MV_Schw	A	13797	2	0		1
MV_Schw	G	13798	48	1		1
MV_Schw	C	13799	89	0	0.497615650989996	
MV_Schw	A	13800	33	0		1
MV_Schw	A	13801	8	0		1
MV_Schw	A	13802	8	0		1
MV_Schw	G	13803	89	3	0.944879389258477	
MV_Schw	G	13804	27	0		1
MV_Schw	A	13805	6	0		1
MV_Schw	G	13806	31	0		1
MV_Schw	T	13807	6	0		1
MV_Schw	G	13808	172	1	0.789229943133706	
MV_Schw	T	13809	10	0		1
MV_Schw	T	13810	45	1		1
MV_Schw	T	13811	60	0	0.957721317456694	
MV_Schw	A	13812	47	1		1
MV_Schw	A	13813	27	1		1
MV_Schw	G	13814	240	3	0.789229943133706	
MV_Schw	G	13815	50	0	0.950262622850522	
MV_Schw	T	13816	41	1	0.945767847051808	
MV_Schw	G	13817	54	1		1
MV_Schw	C	13818	233	1	0.124094801360285	
MV_Schw	T	13819	60	1		1
MV_Schw	T	13820	269	1	0.185820480450128	
MV_Schw	G	13821	207	0	0.0469760201915419	
MV_Schw	T	13822	2	0		1

MV_Schw	C	13823	165	0	0.121895614141351
MV_Schw	A	13824	120	1	1
MV_Schw	A	13825	180	2	0.945848991671798
MV_Schw	T	13826	64	0	0.789229943133706
MV_Schw	G	13827	118	1	1
MV_Schw	C	13828	205	1	0.220909668665287
MV_Schw	T	13829	8	0	1
MV_Schw	C	13830	45	1	1
MV_Schw	T	13831	138	0	0.22714633168584
MV_Schw	A	13832	62	0	0.789229943133706
MV_Schw	A	13833	76	0	0.638894311640422
MV_Schw	G	13834	120	1	1
MV_Schw	C	13835	60	1	1
MV_Schw	C	13836	25	0	1
MV_Schw	A	13837	6	0	1
MV_Schw	C	13838	97	1	0.944879389258477
MV_Schw	C	13839	27	1	1
MV_Schw	C	13840	374	3	0.335229748200011
MV_Schw	A	13841	41	0	1
MV_Schw	A	13842	16	1	0.950262622850522
MV_Schw	A	13843	14	0	1
MV_Schw	G	13844	101	1	0.944879389258477
MV_Schw	A	13845	16	0	1
MV_Schw	T	13846	6	0	1
MV_Schw	C	13847	33	1	1
MV_Schw	T	13848	29	0	1
MV_Schw	A	13849	4	0	1
MV_Schw	C	13850	136	1	0.983041048229953
MV_Schw	A	13851	74	1	1
MV_Schw	A	13852	39	0	1
MV_Schw	G	13853	165	3	1
MV_Schw	A	13854	10	1	0.822598489333375
MV_Schw	A	13855	17	0	1
MV_Schw	A	13856	4	0	1
MV_Schw	T	13857	66	1	1
MV_Schw	T	13858	31	1	1

MV_Schw	C	13859	258	3	0.681308121427830
MV_Schw	T	13860	60	1	1
MV_Schw	G	13861	45	0	1
MV_Schw	G	13862	45	3	0.144729111493106
MV_Schw	C	13863	23	0	1
MV_Schw	A	13864	21	0	1
MV_Schw	T	13865	10	0	1
MV_Schw	T	13866	17	0	1
MV_Schw	G	13867	107	1	0.945767847051808
MV_Schw	T	13868	19	0	1
MV_Schw	G	13869	68	1	1
MV_Schw	G	13870	182	0	0.060993248324147
MV_Schw	T	13871	2	0	1
MV_Schw	A	13872	33	0	1
MV_Schw	T	13873	21	0	1
MV_Schw	T	13874	62	0	0.789229943133706
MV_Schw	A	13875	60	0	0.957721317456694
MV_Schw	T	13876	41	1	1
MV_Schw	A	13877	114	2	1
MV_Schw	G	13878	126	1	1
MV_Schw	A	13879	207	2	0.734151152837751
MV_Schw	G	13880	229	1	0.365713575863648
MV_Schw	C	13881	85	1	1
MV_Schw	C	13882	41	0	1
MV_Schw	T	13883	107	1	0.945767847051808
MV_Schw	A	13884	68	1	1
MV_Schw	T	13885	105	1	1
MV_Schw	C	13886	186	2	0.948552432136014
MV_Schw	C	13887	186	0	0.0611551441006359
MV_Schw	A	13888	159	0	0.118907467124559
MV_Schw	T	13889	132	1	0.983041048229953
MV_Schw	G	13890	233	1	0.296710762771661
MV_Schw	G	13891	93	0	0.498091317793217
MV_Schw	T	13892	45	0	1
MV_Schw	C	13893	43	0	1
MV_Schw	C	13894	297	1	0.0265628244936291

MV_Schw	T	13895	54	0	0.950262622850522
MV_Schw	T	13896	23	1	1
MV_Schw	C	13897	101	0	0.51781700540984
MV_Schw	A	13898	91	1	1
MV_Schw	C	13899	147	1	0.547090293958293
MV_Schw	T	13900	33	0	1
MV_Schw	T	13901	83	0	0.645428736569362
MV_Schw	G	13902	23	0	1
MV_Schw	NA	13903	0	0	NA
MV_Schw	T	13904	14	0	1
MV_Schw	G	13905	21	0	1
MV_Schw	C	13906	161	1	0.78470776546672
MV_Schw	T	13907	52	0	0.950262622850522
MV_Schw	C	13908	107	0	0.380027812845055
MV_Schw	A	13909	153	1	0.436311974989592
MV_Schw	A	13910	19	0	1
MV_Schw	A	13911	19	0	1
MV_Schw	A	13912	6	0	1
MV_Schw	C	13913	184	1	0.277229700444564
MV_Schw	T	13914	2	0	1
MV_Schw	T	13915	6	0	1
MV_Schw	G	13916	124	1	1
MV_Schw	C	13917	54	1	1
MV_Schw	A	13918	14	1	0.944879389258477
MV_Schw	C	13919	50	0	0.950262622850522
MV_Schw	A	13920	2	0	1
MV_Schw	C	13921	81	1	1
MV_Schw	A	13922	12	0	1
MV_Schw	A	13923	12	5	4.20402899900764e-06
MV_Schw	C	13924	149	3	1
MV_Schw	T	13925	4	0	1
MV_Schw	G	13926	58	1	1
MV_Schw	T	13927	6	0	1
MV_Schw	G	13928	252	5	1
MV_Schw	T	13929	10	1	0.822598489333375
MV_Schw	G	13930	56	4	0.106459164393546

MV_Schw	C	13931	45	1		1
MV_Schw	A	13932	33	0		1
MV_Schw	A	13933	6	1	0.704667204683568	
MV_Schw	C	13934	205	1	0.443070383640094	
MV_Schw	A	13935	33	1		1
MV_Schw	T	13936	17	1	0.983041048229953	
MV_Schw	G	13937	45	3	0.144729111493106	
MV_Schw	G	13938	236	7	0.660462773875324	
MV_Schw	T	13939	62	0	0.789229943133706	
MV_Schw	T	13940	27	0		1
MV_Schw	T	13941	248	1	0.0939881971480582	
MV_Schw	A	13942	6	0		1
MV_Schw	C	13943	188	1	0.280292653941906	
MV_Schw	A	13944	186	3		1
MV_Schw	C	13945	262	1	0.181354408412572	
MV_Schw	A	13946	47	1		1
MV_Schw	T	13947	33	1	0.822598489333375	
MV_Schw	G	13948	157	1	0.88950624150852	
MV_Schw	C	13949	70	0	0.789229943133706	
MV_Schw	T	13950	147	1	0.88950624150852	
MV_Schw	A	13951	76	1		1
MV_Schw	T	13952	95	0	0.499662168427985	
MV_Schw	A	13953	64	0	0.789229943133706	
MV_Schw	T	13954	58	0	0.953489044526869	
MV_Schw	G	13955	93	1		1
MV_Schw	A	13956	6	0		1
MV_Schw	C	13957	769	7	0.0637677617687036	
MV_Schw	C	13958	79	1		1
MV_Schw	T	13959	45	1		1
MV_Schw	A	13960	12	0		1
MV_Schw	C	13961	234	3		1
MV_Schw	C	13962	149	1	0.550155392537109	
MV_Schw	T	13963	93	1		1
MV_Schw	C	13964	78	1		1
MV_Schw	G	13965	85	0	0.648224297390367	
MV_Schw	A	13966	72	0	0.791667533131283	

MV_Schw	C	13967	248	2	0.528869794103543
MV_Schw	C	13968	128	3	1
MV_Schw	T	13969	6	0	1
MV_Schw	G	13970	17	0	1
MV_Schw	T	13971	4	0	1
MV_Schw	T	13972	56	2	0.968890372475178
MV_Schw	G	13973	153	1	0.88950624150852
MV_Schw	T	13974	4	0	1
MV_Schw	T	13975	54	1	1
MV_Schw	G	13976	91	1	1
MV_Schw	A	13977	12	0	1
MV_Schw	A	13978	27	1	1
MV_Schw	T	13979	103	1	0.944879389258477
MV_Schw	G	13980	147	1	0.547090293958293
MV_Schw	A	13981	41	1	1
MV_Schw	A	13982	17	0	1
MV_Schw	G	13983	147	2	1
MV_Schw	A	13984	39	1	1
MV_Schw	G	13985	130	3	1
MV_Schw	T	13986	21	0	1
MV_Schw	T	13987	50	1	1
MV_Schw	A	13988	116	2	1
MV_Schw	G	13989	746	15	1
MV_Schw	A	13990	109	1	0.947544583923452
MV_Schw	A	13991	72	1	1
MV_Schw	G	13992	43	1	1
MV_Schw	A	13993	10	0	1
MV_Schw	G	13994	81	1	1
MV_Schw	T	13995	105	3	0.950262622850522
MV_Schw	T	13996	41	1	0.945767847051808
MV_Schw	C	13997	192	1	0.285482351071617
MV_Schw	A	13998	10	0	1
MV_Schw	C	13999	155	1	0.88950624150852
MV_Schw	A	14000	60	3	0.550155392537109
MV_Schw	T	14001	62	0	0.789229943133706
MV_Schw	T	14002	23	0	1

MV_Schw	NA	14003	0	0	NA
MV_Schw	C	14004	66	0	0.789229943133706
MV_Schw	T	14005	8	1	0.789229943133706
MV_Schw	C	14006	116	5	0.308443216377307
MV_Schw	T	14007	6	0	1
MV_Schw	T	14008	4	0	1
MV_Schw	G	14009	14	0	1
MV_Schw	T	14010	23	0	1
MV_Schw	G	14011	171	5	1
MV_Schw	T	14012	6	1	0.704667204683568
MV_Schw	G	14013	29	1	1
MV_Schw	A	14014	31	2	0.428411386231373
MV_Schw	A	14015	25	1	1
MV_Schw	A	14016	35	0	1
MV_Schw	G	14017	215	3	1
MV_Schw	C	14018	322	6	1
MV_Schw	G	14019	107	3	1
MV_Schw	A	14020	45	1	1
MV_Schw	C	14021	1692	31	0.98139756833885
MV_Schw	G	14022	70	3	0.395791012435089
MV_Schw	A	14023	16	0	1
MV_Schw	G	14024	167	7	0.364391784466808
MV_Schw	G	14025	41	2	0.599534349993353
MV_Schw	A	14026	35	0	1
MV_Schw	T	14027	48	1	1
MV_Schw	G	14028	136	1	0.667619064364632
MV_Schw	T	14029	4	0	1
MV_Schw	A	14030	43	0	1
MV_Schw	G	14031	209	3	1
MV_Schw	T	14032	91	1	1
MV_Schw	A	14033	70	1	1
MV_Schw	C	14034	52	1	1
MV_Schw	C	14035	484	5	0.259624814115061
MV_Schw	G	14036	145	0	0.161503851613234
MV_Schw	G	14037	647	19	0.354972433257953
MV_Schw	A	14038	205	3	1

MV_Schw	C	14039	174	8	0.121832950892168
MV_Schw	A	14040	39	2	0.560243889454362
MV_Schw	G	14041	105	2	1
MV_Schw	A	14042	163	4	1
MV_Schw	T	14043	95	4	0.542247232322076
MV_Schw	T	14044	62	1	1
MV_Schw	C	14045	1211	26	1
MV_Schw	G	14046	171	3	1
MV_Schw	A	14047	140	1	0.542247232322076
MV_Schw	C	14048	452	11	0.953489044526869
MV_Schw	A	14049	29	1	1
MV_Schw	A	14050	2	0	1
MV_Schw	C	14051	68	3	0.378469870290234
MV_Schw	A	14052	47	1	1
MV_Schw	T	14053	52	1	1
MV_Schw	C	14054	6	0	1
MV_Schw	C	14055	39	2	0.560243889454362
MV_Schw	A	14056	54	2	0.789229943133706
MV_Schw	G	14057	149	3	1
MV_Schw	G	14058	269	5	1
MV_Schw	C	14059	58	0	0.953489044526869
MV_Schw	A	14060	62	0	0.789229943133706
MV_Schw	A	14061	14	1	0.426789350155389
MV_Schw	A	14062	25	1	0.704667204683568
MV_Schw	A	14063	17	1	0.983041048229953
MV_Schw	C	14064	167	3	1
MV_Schw	A	14065	2	0	1
MV_Schw	C	14066	120	3	1
MV_Schw	T	14067	10	1	0.822598489333375
MV_Schw	T	14068	47	1	1
MV_Schw	A	14069	25	0	1
MV_Schw	T	14070	16	0	1
MV_Schw	G	14071	97	3	0.78354985902497
MV_Schw	T	14072	8	1	0.789229943133706
MV_Schw	G	14073	184	5	1
MV_Schw	T	14074	14	0	1

MV_Schw	T	14075	43	1		1
MV_Schw	C	14076	200	5		1
MV_Schw	T	14077	213	6	0.88387110223483	
MV_Schw	G	14078	141	3		1
MV_Schw	G	14079	393	7		1
MV_Schw	C	14080	349	6		1
MV_Schw	A	14081	54	0	0.950262622850522	
MV_Schw	G	14082	72	1		1
MV_Schw	A	14083	29	1		1
MV_Schw	T	14084	101	1		1
MV_Schw	T	14085	12	0		1
MV_Schw	T	14086	31	1		1
MV_Schw	G	14087	172	3		1
MV_Schw	T	14088	6	0		1
MV_Schw	A	14089	136	3		1
MV_Schw	C	14090	99	3		1
MV_Schw	T	14091	85	1		1
MV_Schw	G	14092	134	6	0.266392480714714	
MV_Schw	T	14093	10	0		1
MV_Schw	C	14094	293	3	0.746970975838775	
MV_Schw	A	14095	508	6	0.497615650989996	
MV_Schw	A	14096	37	1		1
MV_Schw	C	14097	446	12	0.791667533131283	
MV_Schw	C	14098	709	9	0.314998410148258	
MV_Schw	A	14099	31	1		1
MV_Schw	G	14100	341	5	0.89537976468582	
MV_Schw	G	14101	91	1		1
MV_Schw	G	14102	291	11	0.258627633593378	
MV_Schw	A	14103	8	0		1
MV_Schw	C	14104	180	2	0.945848991671798	
MV_Schw	C	14105	184	3		1
MV_Schw	T	14106	48	1		1
MV_Schw	G	14107	293	4	0.950262622850522	
MV_Schw	C	14108	341	9	0.904674542662588	
MV_Schw	C	14109	479	17	0.0980708577143959	
MV_Schw	C	14110	308	10	0.458140132486958	

MV_Schw	A	14111	242	8	0.550502133604656	
MV_Schw	C	14112	114	4	0.658415249679101	
MV_Schw	C	14113	39	1		1
MV_Schw	A	14114	52	2	0.78354985902497	
MV_Schw	A	14115	72	1		1
MV_Schw	T	14116	60	2	0.983041048229953	
MV_Schw	T	14117	242	5		1
MV_Schw	C	14118	178	3		1
MV_Schw	G	14119	45	0		1
MV_Schw	A	14120	10	0		1
MV_Schw	G	14121	229	9	0.307480793677112	
MV_Schw	G	14122	50	1		1
MV_Schw	T	14123	2	0		1
MV_Schw	C	14124	52	1		1
MV_Schw	T	14125	10	0		1
MV_Schw	A	14126	33	0		1
MV_Schw	A	14127	17	0		1
MV_Schw	G	14128	85	5	0.17325046551955	
MV_Schw	A	14129	16	0		1
MV_Schw	C	14130	134	5	0.704667204683568	
MV_Schw	C	14131	43	1		1
MV_Schw	G	14132	52	4	0.0841644149519328	
MV_Schw	G	14133	97	3	0.78354985902497	
MV_Schw	T	14134	33	1		1
MV_Schw	A	14135	43	0		1
MV_Schw	G	14136	149	1	0.88950624150852	
MV_Schw	A	14137	4	0		1
MV_Schw	G	14138	440	3	0.0571641206130326	
MV_Schw	A	14139	50	3	0.199842243730937	
MV_Schw	A	14140	27	0		1
MV_Schw	A	14141	50	1		1
MV_Schw	T	14142	35	1	0.863499923807603	
MV_Schw	G	14143	194	6	0.725511104255308	
MV_Schw	T	14144	302	5		1
MV_Schw	G	14145	302	9	0.78661714180561	
MV_Schw	C	14146	335	8		1

MV_Schw	A	14147	132	5	0.694842282240476	
MV_Schw	G	14148	171	2		1
MV_Schw	T	14149	114	3	0.953489044526869	
MV_Schw	T	14150	4	0		1
MV_Schw	C	14151	163	2		1
MV_Schw	T	14152	37	2	0.528591092326266	
MV_Schw	A	14153	140	5	0.7318017534422	
MV_Schw	A	14154	107	2		1
MV_Schw	C	14155	351	7		1
MV_Schw	C	14156	213	3		1
MV_Schw	G	14157	72	0	0.791667533131283	
MV_Schw	A	14158	68	0	0.789229943133706	
MV_Schw	C	14159	318	17	0.00131350930751039	
MV_Schw	C	14160	16	0		1
MV_Schw	A	14161	16	0		1
MV_Schw	T	14162	31	0		1
MV_Schw	A	14163	37	0		1
MV_Schw	T	14164	56	1		1
MV_Schw	C	14165	66	1		1
MV_Schw	A	14166	23	0		1
MV_Schw	A	14167	58	0	0.953489044526869	
MV_Schw	G	14168	223	5		1
MV_Schw	G	14169	244	4		1
MV_Schw	C	14170	110	1		1
MV_Schw	A	14171	39	1	0.9314909603024	
MV_Schw	G	14172	85	1		1
MV_Schw	A	14173	97	3		1
MV_Schw	G	14174	72	0	0.791667533131283	
MV_Schw	G	14175	54	1		1
MV_Schw	C	14176	19	0		1
MV_Schw	T	14177	31	1		1
MV_Schw	A	14178	23	0		1
MV_Schw	T	14179	124	1		1
MV_Schw	G	14180	355	3	0.397437008479015	
MV_Schw	T	14181	4	1	0.619556855087002	
MV_Schw	T	14182	48	1		1

MV_Schw	A	14183	48	0	0.950262622850522
MV_Schw	T	14184	78	1	1
MV_Schw	C	14185	198	3	1
MV_Schw	T	14186	112	3	1
MV_Schw	C	14187	52	0	0.950262622850522
MV_Schw	C	14188	72	1	1
MV_Schw	A	14189	78	2	1
MV_Schw	G	14190	618	3	0.00526461084132655
MV_Schw	C	14191	461	7	0.88950624150852
MV_Schw	A	14192	16	0	1
MV_Schw	G	14193	103	1	1
MV_Schw	G	14194	19	0	1
MV_Schw	A	14195	41	3	0.297586725038221
MV_Schw	T	14196	43	0	1
MV_Schw	C	14197	39	1	1
MV_Schw	T	14198	43	0	1
MV_Schw	T	14199	12	0	1
MV_Schw	C	14200	78	1	1
MV_Schw	G	14201	709	15	1
MV_Schw	T	14202	12	1	0.88950624150852
MV_Schw	G	14203	372	5	0.737900226779511
MV_Schw	G	14204	47	1	1
MV_Schw	A	14205	35	0	1
MV_Schw	A	14206	14	0	1
MV_Schw	C	14207	409	5	0.78470776546672
MV_Schw	A	14208	21	1	1
MV_Schw	T	14209	8	0	1
MV_Schw	A	14210	4	0	1
MV_Schw	A	14211	17	0	1
MV_Schw	A	14212	37	0	1
MV_Schw	T	14213	58	2	0.98139756833885
MV_Schw	C	14214	107	2	1
MV_Schw	C	14215	91	0	0.497615650989996
MV_Schw	A	14216	50	1	1
MV_Schw	A	14217	54	5	0.00939140138445221
MV_Schw	T	14218	174	7	0.387724101345207

MV_Schw	T	14219	10	2	0.072815586219973	
MV_Schw	A	14220	14	0		1
MV_Schw	T	14221	2	0		1
MV_Schw	T	14222	27	2	0.355295708921217	
MV_Schw	G	14223	578	9		1
MV_Schw	T	14224	8	0		1
MV_Schw	A	14225	43	0		1
MV_Schw	G	14226	87	1		1
MV_Schw	A	14227	4	0		1
MV_Schw	C	14228	93	2		1
MV_Schw	C	14229	116	1	0.789229943133706	
MV_Schw	A	14230	37	0		1
MV_Schw	T	14231	68	0	0.789229943133706	
MV_Schw	T	14232	27	0		1
MV_Schw	A	14233	43	1		1
MV_Schw	C	14234	357	1	0.0075482670441231	
MV_Schw	T	14235	43	0		1
MV_Schw	C	14236	48	0	0.950262622850522	
MV_Schw	A	14237	107	0	0.380027812845055	
MV_Schw	T	14238	85	1		1
MV_Schw	G	14239	56	1		1
MV_Schw	C	14240	29	0		1
MV_Schw	T	14241	39	0		1
MV_Schw	C	14242	238	1	0.0899009831500995	
MV_Schw	T	14243	83	0	0.645428736569362	
MV_Schw	C	14244	362	2	0.091052270243207	
MV_Schw	T	14245	48	0	0.950262622850522	
MV_Schw	G	14246	211	0	0.03148485115913	
MV_Schw	A	14247	29	0		1
MV_Schw	C	14248	504	3	0.0461779700819916	
MV_Schw	T	14249	23	0		1
MV_Schw	T	14250	25	0		1
MV_Schw	A	14251	21	0		1
MV_Schw	T	14252	54	1		1
MV_Schw	C	14253	136	1	0.667619064364632	
MV_Schw	T	14254	27	1		1

MV_Schw	C	14255	548	5	0.206299564964148
MV_Schw	C	14256	386	1	0.0138245907553782
MV_Schw	G	14257	599	10	1
MV_Schw	G	14258	490	4	0.119365022975779
MV_Schw	C	14259	3952	18	1.23602587259085e-22
MV_Schw	G	14260	87	1	1
MV_Schw	A	14261	19	1	1
MV_Schw	G	14262	79	1	1
MV_Schw	G	14263	500	3	0.0200805323071868
MV_Schw	A	14264	126	0	0.305061614162072
MV_Schw	T	14265	16	0	1
MV_Schw	C	14266	109	0	0.381672248067152
MV_Schw	G	14267	182	3	1
MV_Schw	A	14268	99	0	0.509396577320122
MV_Schw	T	14269	27	0	1
MV_Schw	C	14270	266	3	0.686252029850593
MV_Schw	A	14271	124	1	0.791667533131283
MV_Schw	A	14272	66	1	1
MV_Schw	A	14273	8	0	1
MV_Schw	C	14274	81	1	1
MV_Schw	A	14275	27	0	1
MV_Schw	G	14276	17	1	0.983041048229953
MV_Schw	A	14277	128	0	0.307480793677112
MV_Schw	T	14278	27	0	1
MV_Schw	A	14279	25	0	1
MV_Schw	A	14280	6	0	1
MV_Schw	G	14281	31	1	0.791667533131283
MV_Schw	A	14282	58	1	1
MV_Schw	T	14283	50	0	0.950262622850522
MV_Schw	T	14284	116	1	1
MV_Schw	G	14285	35	0	1
MV_Schw	A	14286	4	0	1
MV_Schw	G	14287	186	1	0.278307737263878
MV_Schw	A	14288	225	2	0.632968068765344
MV_Schw	G	14289	132	3	1
MV_Schw	T	14290	17	0	1

MV_Schw	T	14291	6	1	0.704667204683568
MV_Schw	G	14292	107	2	1
MV_Schw	A	14293	97	1	1
MV_Schw	T	14294	140	1	0.542247232322076
MV_Schw	C	14295	1552	10	1.56805760288631e-06
MV_Schw	C	14296	403	3	0.235625059136761
MV_Schw	A	14297	19	1	1
MV_Schw	G	14298	83	1	1
MV_Schw	G	14299	734	4	0.00132654463285745
MV_Schw	A	14300	52	1	1
MV_Schw	T	14301	64	0	0.789229943133706
MV_Schw	T	14302	25	0	1
MV_Schw	C	14303	103	0	0.37877131423274
MV_Schw	A	14304	207	1	0.444112248634472
MV_Schw	T	14305	99	1	1
MV_Schw	T	14306	318	1	0.0138245907553782
MV_Schw	T	14307	70	0	0.789229943133706
MV_Schw	T	14308	109	1	0.947544583923452
MV_Schw	C	14309	395	1	0.0144134929005669
MV_Schw	G	14310	812	4	0.000213539799552206
MV_Schw	A	14311	136	2	1
MV_Schw	C	14312	165	1	0.444605338381727
MV_Schw	G	14313	10	0	1
MV_Schw	C	14314	27	0	1
MV_Schw	C	14315	219	1	0.355607115956135
MV_Schw	C	14316	66	0	0.789229943133706
MV_Schw	T	14317	54	0	0.950262622850522
MV_Schw	C	14318	333	0	0.00125895595678960
MV_Schw	G	14319	130	2	1
MV_Schw	C	14320	149	0	0.164331455962041
MV_Schw	T	14321	21	0	1
MV_Schw	G	14322	23	0	1
MV_Schw	NA	14323	0	0	NA
MV_Schw	G	14324	83	2	1
MV_Schw	G	14325	128	1	0.658415249679101
MV_Schw	T	14326	12	0	1

MV_Schw	A	14327	4	0	1
MV_Schw	A	14328	2	0	1
MV_Schw	A	14329	43	0	1
MV_Schw	T	14330	151	0	0.166500460032885
MV_Schw	G	14331	54	0	0.950262622850522
MV_Schw	NA	14332	0	0	NA
MV_Schw	C	14333	56	0	0.950262622850522
MV_Schw	A	14334	35	0	1
MV_Schw	G	14335	583	3	0.00345964920612651
MV_Schw	T	14336	2	0	1
MV_Schw	C	14337	62	0	0.789229943133706
MV_Schw	A	14338	12	1	0.88950624150852
MV_Schw	G	14339	219	1	0.355607115956135
MV_Schw	C	14340	56	0	0.950262622850522
MV_Schw	C	14341	857	2	5.68118384982631e-07
MV_Schw	A	14342	52	1	1
MV_Schw	A	14343	21	0	1
MV_Schw	A	14344	37	0	1
MV_Schw	G	14345	229	0	0.0226023994581542
MV_Schw	A	14346	12	1	0.88950624150852
MV_Schw	T	14347	64	1	1
MV_Schw	C	14348	122	0	0.298485329352986
MV_Schw	G	14349	386	3	0.156385357896295
MV_Schw	G	14350	295	3	0.747277641572764
MV_Schw	C	14351	481	5	0.258627633593378
MV_Schw	A	14352	85	0	0.648224297390367
MV_Schw	G	14353	47	1	1
MV_Schw	C	14354	213	2	0.73548636006501
MV_Schw	A	14355	29	0	1
MV_Schw	A	14356	54	0	0.950262622850522
MV_Schw	C	14357	244	2	0.528591092326266
MV_Schw	A	14358	45	1	1
MV_Schw	A	14359	2	0	1
MV_Schw	C	14360	37	0	1
MV_Schw	A	14361	10	0	1
MV_Schw	T	14362	4	0	1

MV_Schw	C	14363	116	3		1
MV_Schw	T	14364	21	0		1
MV_Schw	C	14365	54	1		1
MV_Schw	A	14366	21	0		1
MV_Schw	A	14367	126	0	0.305061614162072	
MV_Schw	A	14368	10	1	0.307480793677112	
MV_Schw	T	14369	68	0	0.789229943133706	
MV_Schw	A	14370	10	0		1
MV_Schw	T	14371	54	1		1
MV_Schw	G	14372	72	0	0.791667533131283	
MV_Schw	A	14373	50	0	0.950262622850522	
MV_Schw	G	14374	419	2	0.0311763572250604	
MV_Schw	C	14375	52	0	0.950262622850522	
MV_Schw	A	14376	116	1	0.789229943133706	
MV_Schw	T	14377	27	1		1
MV_Schw	C	14378	116	1		1
MV_Schw	A	14379	364	1	0.00513119326731813	
MV_Schw	A	14380	380	1	0.00370445205499624	
MV_Schw	G	14381	1312	5	4.76102527336292e-08	
MV_Schw	G	14382	1320	10	0.00017978788886701	
MV_Schw	C	14383	353	2	0.089478331324259	
MV_Schw	T	14384	143	1	0.88950624150852	
MV_Schw	T	14385	240	1	0.298485329352986	
MV_Schw	T	14386	649	3	0.000711664748749921	
MV_Schw	C	14387	955	3	1.84504545535763e-06	
MV_Schw	A	14388	324	3	0.348493993166116	
MV_Schw	G	14389	390	3	0.120050352121446	
MV_Schw	A	14390	21	0		1
MV_Schw	C	14391	196	2	0.822598489333375	
MV_Schw	C	14392	74	1		1
MV_Schw	C	14393	48	0	0.950262622850522	
MV_Schw	C	14394	112	0	0.390108970321283	
MV_Schw	C	14395	153	1	0.88950624150852	
MV_Schw	A	14396	118	3	0.96855857297699	
MV_Schw	C	14397	184	3		1
MV_Schw	A	14398	37	0		1

MV_Schw	C	14399	988	7	0.00180289709652049
MV_Schw	G	14400	56	0	0.950262622850522
MV_Schw	NA	14401	0	0	NA
MV_Schw	T	14402	126	0	0.305061614162072
MV_Schw	G	14403	45	1	1
MV_Schw	A	14404	10	0	1
MV_Schw	T	14405	21	0	1
MV_Schw	G	14406	41	1	1
MV_Schw	T	14407	33	1	0.822598489333375
MV_Schw	T	14408	41	1	1
MV_Schw	G	14409	190	1	0.282444566862733
MV_Schw	C	14410	180	3	1
MV_Schw	A	14411	37	0	1
MV_Schw	A	14412	21	1	1
MV_Schw	A	14413	19	0	1
MV_Schw	A	14414	19	0	1
MV_Schw	T	14415	33	1	1
MV_Schw	T	14416	12	0	1
MV_Schw	G	14417	107	0	0.380027812845055
MV_Schw	C	14418	114	0	0.395791012435089
MV_Schw	T	14419	10	0	1
MV_Schw	C	14420	153	0	0.169696698380260
MV_Schw	A	14421	23	0	1
MV_Schw	A	14422	23	0	1
MV_Schw	A	14423	17	1	0.983041048229953
MV_Schw	G	14424	273	0	0.00834402009997063
MV_Schw	A	14425	12	0	1
MV_Schw	T	14426	33	0	1
MV_Schw	A	14427	33	0	1
MV_Schw	T	14428	25	0	1
MV_Schw	C	14429	31	0	1
MV_Schw	A	14430	27	0	1
MV_Schw	A	14431	21	0	1
MV_Schw	C	14432	202	0	0.0445795746199782
MV_Schw	A	14433	17	1	0.983041048229953
MV_Schw	C	14434	103	0	0.37877131423274

MV_Schw	A	14435	45	0		1
MV_Schw	A	14436	19	0		1
MV_Schw	G	14437	180	0	0.090192830807046	
MV_Schw	C	14438	56	0	0.950262622850522	
MV_Schw	A	14439	62	0	0.789229943133706	
MV_Schw	A	14440	10	0		1
MV_Schw	G	14441	357	3	0.24326729297091	
MV_Schw	C	14442	161	1	0.78470776546672	
MV_Schw	A	14443	17	0		1
MV_Schw	C	14444	27	1		1
MV_Schw	A	14445	14	1	0.426789350155389	
MV_Schw	A	14446	21	0		1
MV_Schw	T	14447	23	0		1
MV_Schw	C	14448	54	0	0.950262622850522	
MV_Schw	T	14449	21	0		1
MV_Schw	T	14450	16	0		1
MV_Schw	C	14451	145	1	0.88950624150852	
MV_Schw	C	14452	289	2	0.299008113486341	
MV_Schw	C	14453	8	0		1
MV_Schw	A	14454	58	1		1
MV_Schw	T	14455	19	0		1
MV_Schw	T	14456	8	0		1
MV_Schw	T	14457	12	0		1
MV_Schw	C	14458	68	1		1
MV_Schw	A	14459	14	0		1
MV_Schw	G	14460	229	1	0.121832950892168	
MV_Schw	G	14461	48	0	0.950262622850522	
MV_Schw	G	14462	169	1	0.789229943133706	
MV_Schw	G	14463	52	1		1
MV_Schw	G	14464	27	0		1
MV_Schw	C	14465	45	0		1
MV_Schw	A	14466	72	0	0.791667533131283	
MV_Schw	A	14467	35	0		1
MV_Schw	T	14468	29	0		1
MV_Schw	C	14469	120	1	0.789229943133706	
MV_Schw	T	14470	31	0		1

MV_Schw	C	14471	155	1	0.88950624150852
MV_Schw	G	14472	229	0	0.0226023994581542
MV_Schw	C	14473	517	3	0.0109010733601991
MV_Schw	C	14474	192	3	1
MV_Schw	A	14475	74	1	1
MV_Schw	A	14476	17	0	1
MV_Schw	T	14477	21	0	1
MV_Schw	T	14478	14	1	0.944879389258477
MV_Schw	A	14479	124	1	0.791667533131283
MV_Schw	T	14480	23	0	1
MV_Schw	G	14481	76	0	0.638894311640422
MV_Schw	A	14482	70	1	1
MV_Schw	A	14483	14	0	1
MV_Schw	A	14484	10	0	1
MV_Schw	T	14485	45	0	1
MV_Schw	C	14486	43	1	1
MV_Schw	C	14487	85	0	0.648224297390367
MV_Schw	A	14488	76	0	0.638894311640422
MV_Schw	T	14489	54	0	0.950262622850522
MV_Schw	G	14490	76	0	0.638894311640422
MV_Schw	C	14491	52	0	0.950262622850522
MV_Schw	T	14492	29	0	1
MV_Schw	T	14493	12	0	1
MV_Schw	T	14494	10	0	1
MV_Schw	C	14495	78	1	1
MV_Schw	C	14496	83	2	1
MV_Schw	G	14497	391	3	0.292851846040198
MV_Schw	C	14498	231	1	0.368057336222025
MV_Schw	A	14499	17	1	0.983041048229953
MV_Schw	G	14500	54	0	0.950262622850522
MV_Schw	A	14501	14	1	0.944879389258477
MV_Schw	A	14502	87	0	0.653463094391213
MV_Schw	T	14503	19	0	1
MV_Schw	C	14504	14	1	0.944879389258477
MV_Schw	G	14505	33	0	1
MV_Schw	G	14506	99	0	0.509396577320122

MV_Schw	G	14507	663	7	0.151187630561661
MV_Schw	T	14508	21	0	1
MV_Schw	T	14509	16	0	1
MV_Schw	G	14510	39	0	1
MV_Schw	A	14511	10	0	1
MV_Schw	A	14512	27	0	1
MV_Schw	C	14513	266	1	0.0488240602842801
MV_Schw	T	14514	10	0	1
MV_Schw	C	14515	21	0	1
MV_Schw	A	14516	47	0	1
MV_Schw	T	14517	45	0	1
MV_Schw	C	14518	167	0	0.124094801360285
MV_Schw	T	14519	14	0	1
MV_Schw	G	14520	124	0	0.301343438464672
MV_Schw	C	14521	52	0	0.950262622850522
MV_Schw	T	14522	64	0	0.789229943133706
MV_Schw	T	14523	52	0	0.950262622850522
MV_Schw	G	14524	27	0	1
MV_Schw	C	14525	35	0	1
MV_Schw	T	14526	12	0	1
MV_Schw	A	14527	10	0	1
MV_Schw	C	14528	70	0	0.789229943133706
MV_Schw	A	14529	6	0	1
MV_Schw	A	14530	37	1	1
MV_Schw	A	14531	14	0	1
MV_Schw	G	14532	19	0	1
MV_Schw	C	14533	4	0	1
MV_Schw	T	14534	10	0	1
MV_Schw	G	14535	145	0	0.161503851613234
MV_Schw	T	14536	27	1	1
MV_Schw	T	14537	25	0	1
MV_Schw	G	14538	79	0	0.639207655977387
MV_Schw	A	14539	4	0	1
MV_Schw	G	14540	33	0	1
MV_Schw	A	14541	23	1	1
MV_Schw	T	14542	35	0	1

MV_Schw	A	14543	8	0		1
MV_Schw	T	14544	14	0		1
MV_Schw	C	14545	16	0		1
MV_Schw	A	14546	25	0		1
MV_Schw	A	14547	21	0		1
MV_Schw	C	14548	91	0	0.497615650989996	
MV_Schw	A	14549	37	0		1
MV_Schw	T	14550	6	0		1
MV_Schw	T	14551	2	0		1
MV_Schw	A	14552	8	0		1
MV_Schw	A	14553	33	0		1
MV_Schw	T	14554	35	0		1
MV_Schw	T	14555	56	0	0.950262622850522	
MV_Schw	A	14556	29	0		1
MV_Schw	G	14557	27	0		1
MV_Schw	G	14558	43	0		1
MV_Schw	A	14559	12	0		1
MV_Schw	G	14560	95	1		1
MV_Schw	A	14561	6	0		1
MV_Schw	T	14562	33	0		1
MV_Schw	G	14563	37	0		1
MV_Schw	C	14564	190	0	0.0626240647804826	
MV_Schw	C	14565	326	1	0.0141787317264331	
MV_Schw	T	14566	76	1		1
MV_Schw	T	14567	33	0		1
MV_Schw	G	14568	45	0		1
MV_Schw	A	14569	35	1		1
MV_Schw	G	14570	132	0	0.222002676269896	
MV_Schw	C	14571	47	0		1
MV_Schw	C	14572	138	1	0.983694697749173	
MV_Schw	A	14573	12	0		1
MV_Schw	G	14574	122	1	0.791667533131283	
MV_Schw	G	14575	250	3	0.99869736415243	
MV_Schw	G	14576	72	1		1
MV_Schw	G	14577	37	0		1
MV_Schw	A	14578	23	1	0.658415249679101	

MV_Schw	G	14579	93	0	0.498091317793217
MV_Schw	G	14580	234	2	0.638894311640422
MV_Schw	A	14581	91	1	1
MV_Schw	C	14582	134	1	0.66330042087892
MV_Schw	G	14583	70	3	0.819327818667335
MV_Schw	G	14584	180	3	1
MV_Schw	C	14585	209	2	0.734151152837751
MV_Schw	T	14586	56	3	0.499662168427985
MV_Schw	T	14587	16	1	0.950262622850522
MV_Schw	G	14588	79	3	0.882548734849042
MV_Schw	T	14589	19	0	1
MV_Schw	T	14590	35	1	1
MV_Schw	C	14591	324	4	0.789229943133706
MV_Schw	T	14592	14	0	1
MV_Schw	T	14593	12	1	0.88950624150852
MV_Schw	G	14594	145	1	0.544375066438321
MV_Schw	G	14595	16	0	1
MV_Schw	G	14596	72	1	1
MV_Schw	T	14597	12	0	1
MV_Schw	G	14598	151	3	1
MV_Schw	A	14599	4	0	1
MV_Schw	G	14600	93	0	0.498091317793217
MV_Schw	G	14601	116	1	1
MV_Schw	G	14602	79	1	1
MV_Schw	A	14603	171	2	1
MV_Schw	T	14604	258	3	0.681308121427830
MV_Schw	C	14605	145	1	0.544375066438321
MV_Schw	G	14606	302	1	0.0278312919914174
MV_Schw	G	14607	141	0	0.235179608025014
MV_Schw	G	14608	250	4	1
MV_Schw	T	14609	62	0	0.789229943133706
MV_Schw	T	14610	41	0	1
MV_Schw	C	14611	107	0	0.380027812845055
MV_Schw	T	14612	19	0	1
MV_Schw	A	14613	132	0	0.222002676269896
MV_Schw	T	14614	242	0	0.0160740981841532

MV_Schw	G	14615	234	0	0.0156110009283988
MV_Schw	T	14616	10	0	1
MV_Schw	T	14617	25	0	1
MV_Schw	G	14618	29	1	1
MV_Schw	A	14619	74	1	1
MV_Schw	T	14620	14	0	1
MV_Schw	C	14621	70	0	0.789229943133706
MV_Schw	A	14622	2	0	1
MV_Schw	C	14623	50	0	0.950262622850522
MV_Schw	T	14624	6	0	1
MV_Schw	T	14625	81	0	0.641186461810141
MV_Schw	A	14626	21	1	1
MV_Schw	T	14627	23	0	1
MV_Schw	A	14628	14	0	1
MV_Schw	A	14629	17	0	1
MV_Schw	A	14630	35	0	1
MV_Schw	G	14631	122	1	0.791667533131283
MV_Schw	A	14632	14	0	1
MV_Schw	G	14633	31	0	1
MV_Schw	A	14634	12	0	1
MV_Schw	T	14635	4	0	1
MV_Schw	A	14636	8	0	1
MV_Schw	C	14637	140	2	1
MV_Schw	T	14638	8	0	1
MV_Schw	T	14639	2	0	1
MV_Schw	A	14640	8	0	1
MV_Schw	A	14641	17	0	1
MV_Schw	A	14642	29	1	1
MV_Schw	C	14643	66	0	0.789229943133706
MV_Schw	T	14644	12	0	1
MV_Schw	A	14645	54	0	0.950262622850522
MV_Schw	A	14646	37	0	1
MV_Schw	A	14647	17	1	0.528591092326266
MV_Schw	C	14648	95	0	0.499662168427985
MV_Schw	A	14649	12	0	1
MV_Schw	A	14650	27	0	1

MV_Schw	G	14651	27	1		1
MV_Schw	T	14652	23	0		1
MV_Schw	G	14653	58	0	0.953489044526869	
MV_Schw	C	14654	68	0	0.789229943133706	
MV_Schw	T	14655	25	0		1
MV_Schw	T	14656	27	0		1
MV_Schw	C	14657	83	0	0.645428736569362	
MV_Schw	T	14658	19	1		1
MV_Schw	A	14659	31	0		1
MV_Schw	T	14660	60	0	0.957721317456694	
MV_Schw	A	14661	54	1		1
MV_Schw	A	14662	2	0		1
MV_Schw	T	14663	19	0		1
MV_Schw	A	14664	4	0		1
MV_Schw	G	14665	289	2	0.299008113486341	
MV_Schw	T	14666	120	0	0.297586725038221	
MV_Schw	G	14667	465	3	0.0332784439309447	
MV_Schw	G	14668	48	1		1
MV_Schw	G	14669	33	0		1
MV_Schw	G	14670	455	3	0.0445262456616469	
MV_Schw	T	14671	10	0		1
MV_Schw	T	14672	47	0		1
MV_Schw	T	14673	25	0		1
MV_Schw	C	14674	60	0	0.957721317456694	
MV_Schw	C	14675	475	5	0.463720798159947	
MV_Schw	G	14676	748	9	0.245994086620844	
MV_Schw	C	14677	174	1	0.648224297390367	
MV_Schw	C	14678	37	1	0.88950624150852	
MV_Schw	A	14679	10	0		1
MV_Schw	A	14680	8	0		1
MV_Schw	T	14681	23	0		1
MV_Schw	T	14682	68	0	0.789229943133706	
MV_Schw	C	14683	45	0		1
MV_Schw	T	14684	6	0		1
MV_Schw	A	14685	6	0		1
MV_Schw	G	14686	264	5		1

MV_Schw	A	14687	33	0		1
MV_Schw	T	14688	41	0		1
MV_Schw	C	14689	27	0		1
MV_Schw	T	14690	4	0		1
MV_Schw	G	14691	87	1		1
MV_Schw	G	14692	147	1	0.88950624150852	
MV_Schw	T	14693	114	3	0.953489044526869	
MV_Schw	C	14694	25	1		1
MV_Schw	A	14695	16	1	0.950262622850522	
MV_Schw	A	14696	23	0		1
MV_Schw	A	14697	89	3	0.715462436038866	
MV_Schw	G	14698	355	3	0.241225147582107	
MV_Schw	G	14699	217	1	0.355607115956135	
MV_Schw	G	14700	110	0	0.385864542883514	
MV_Schw	A	14701	33	0		1
MV_Schw	A	14702	74	3	0.831755077907185	
MV_Schw	T	14703	85	1		1
MV_Schw	T	14704	136	1	0.983041048229953	
MV_Schw	A	14705	62	1		1
MV_Schw	G	14706	200	3		1
MV_Schw	C	14707	207	3		1
MV_Schw	A	14708	120	1		1
MV_Schw	C	14709	105	1		1
MV_Schw	C	14710	81	0	0.641186461810141	
MV_Schw	C	14711	33	0		1
MV_Schw	T	14712	41	0		1
MV_Schw	A	14713	47	1		1
MV_Schw	T	14714	31	0		1
MV_Schw	C	14715	21	0		1
MV_Schw	C	14716	134	1	0.66330042087892	
MV_Schw	C	14717	242	2	0.528372703117072	
MV_Schw	T	14718	56	1		1
MV_Schw	C	14719	475	3	0.0753786333073858	
MV_Schw	C	14720	110	0	0.385864542883514	
MV_Schw	G	14721	269	1	0.0493136923590554	
MV_Schw	A	14722	12	0		1

MV_Schw	A	14723	19	0		1
MV_Schw	G	14724	132	1	0.983041048229953	
MV_Schw	T	14725	19	0		1
MV_Schw	T	14726	39	0		1
MV_Schw	G	14727	126	1	0.658415249679101	
MV_Schw	G	14728	217	1	0.162995980324535	
MV_Schw	C	14729	112	0	0.390108970321283	
MV_Schw	C	14730	138	0	0.22714633168584	
MV_Schw	T	14731	14	0		1
MV_Schw	T	14732	8	0		1
MV_Schw	G	14733	384	1	0.0038291456907956	
MV_Schw	T	14734	12	1	0.88950624150852	
MV_Schw	C	14735	318	2	0.192973852022480	
MV_Schw	G	14736	56	0	0.950262622850522	
MV_Schw	A	14737	4	0		1
MV_Schw	A	14738	14	0		1
MV_Schw	C	14739	151	0	0.166500460032885	
MV_Schw	A	14740	14	0		1
MV_Schw	C	14741	33	0		1
MV_Schw	A	14742	2	0		1
MV_Schw	G	14743	64	0	0.789229943133706	
MV_Schw	A	14744	19	0		1
MV_Schw	A	14745	21	0		1
MV_Schw	T	14746	93	1		1
MV_Schw	G	14747	10	0		1
MV_Schw	G	14748	99	1	0.944879389258477	
MV_Schw	G	14749	76	0	0.638894311640422	
MV_Schw	A	14750	37	2	0.528591092326266	
MV_Schw	G	14751	114	1	0.789229943133706	
MV_Schw	T	14752	2	0		1
MV_Schw	A	14753	16	0		1
MV_Schw	G	14754	45	0		1
MV_Schw	G	14755	219	2	0.7433964722815	
MV_Schw	T	14756	21	0		1
MV_Schw	A	14757	14	0		1
MV_Schw	A	14758	16	0		1

MV_Schw	T	14759	60	0	0.957721317456694
MV_Schw	A	14760	19	0	1
MV_Schw	T	14761	25	0	1
MV_Schw	T	14762	39	2	0.560243889454362
MV_Schw	G	14763	283	3	0.822598489333375
MV_Schw	T	14764	41	1	0.945767847051808
MV_Schw	C	14765	200	1	0.215757612560076
MV_Schw	A	14766	322	0	0.00184255492505421
MV_Schw	A	14767	14	0	1
MV_Schw	A	14768	39	0	1
MV_Schw	G	14769	360	1	0.0255314021122436
MV_Schw	T	14770	14	0	1
MV_Schw	G	14771	35	0	1
MV_Schw	C	14772	52	0	0.950262622850522
MV_Schw	T	14773	91	0	0.497615650989996
MV_Schw	C	14774	196	1	0.214586843368945
MV_Schw	T	14775	39	1	1
MV_Schw	T	14776	6	0	1
MV_Schw	T	14777	23	0	1
MV_Schw	A	14778	48	0	0.950262622850522
MV_Schw	A	14779	174	0	0.086185329188849
MV_Schw	C	14780	1219	7	5.57908300698913e-06
MV_Schw	G	14781	605	0	4.41661140462013e-07
MV_Schw	G	14782	2329	0	2.5580005492157e-29
MV_Schw	G	14783	421	0	8.7686951289731e-05
MV_Schw	A	14784	273	0	0.00834402009997063
MV_Schw	G	14785	515	1	0.00074194586052895
MV_Schw	G	14786	4236	2	1.9648966756643e-48
MV_Schw	C	14787	11265	4	.92707464481486e-133
MV_Schw	C	14788	4236	5	8.11640303093837e-42
MV_Schw	C	14789	6473	2	5.82337304651442e-77
MV_Schw	G	14790	2643	1	6.14892193293951e-30
MV_Schw	A	14791	959	0	1.57097376982161e-11
MV_Schw	A	14792	1574	1	2.05531803347701e-16
MV_Schw	G	14793	2484	0	2.62530580093748e-31
MV_Schw	T	14794	33	0	1

MV_Schw	C	14795	5318	4 9.29796479734555e-58
MV_Schw	A	14796	403	0 0.000204581716830911
MV_Schw	C	14797	2595	5 2.36194479732446e-22
MV_Schw	G	14798	996	3 6.77606159386548e-07
MV_Schw	T	14799	1641	0 2.56270747289406e-20
MV_Schw	G	14800	1101	3 7.19118845940295e-09
MV_Schw	G	14801	922	1 1.22471932455381e-09
MV_Schw	G	14802	905	0 6.97889911723565e-11
MV_Schw	T	14803	1802	1 9.86735379750227e-21
MV_Schw	A	14804	8174	2 9.37784769356546e-99
MV_Schw	G	14805	2172	1 1.65583809508011e-25
MV_Schw	G	14806	3281	0 1.23443843143488e-41
MV_Schw	C	14807	93	1 1
MV_Schw	A	14808	316	0 0.00177078532209268
MV_Schw	G	14809	1436	0 1.18302803003047e-17
MV_Schw	T	14810	2490	1 1.92034060191307e-29
MV_Schw	G	14811	6616	1 1.6796083861111e-82
MV_Schw	T	14812	198	0 0.0437447203304695
MV_Schw	A	14813	130	0 0.222002676269896
MV_Schw	G	14814	6574	0 2.54493435432106e-84
MV_Schw	A	14815	1986	2 2.57016712735998e-20
MV_Schw	T	14816	531	0 4.51110001886982e-06
MV_Schw	T	14817	360	1 0.00505637410125381
MV_Schw	G	14818	364	0 0.0006336154867726
MV_Schw	C	14819	8634	3 .84454877541976e-101
MV_Schw	T	14820	3271	1 1.53773414176138e-39
MV_Schw	T	14821	3800	1 2.59554077893257e-46
MV_Schw	C	14822	11701	4 .35399673010063e-138
MV_Schw	A	14823	409	0 0.000128972339227062
MV_Schw	A	14824	1085	0 3.3268996690475e-13
MV_Schw	T	14825	1709	1 1.35616471063302e-19
MV_Schw	T	14826	1895	0 1.17357687547283e-23
MV_Schw	T	14827	240	0 0.0158394533614316
MV_Schw	C	14828	1678	0 8.01337197241661e-21
MV_Schw	A	14829	2539	1 4.11647179299712e-30
MV_Schw	T	14830	6481	0 6.02587243181859e-83

MV_Schw	A	14831	473	0	1.948341079107e-05
MV_Schw	G	14832	1448	0	7.93623432735401e-18
MV_Schw	T	14833	81	0	0.641186461810141
MV_Schw	T	14834	1318	1	2.09636526808682e-13
MV_Schw	A	14835	829	1	1.62052158837974e-08
MV_Schw	G	14836	10858	3	.68700889404762e-131
MV_Schw	T	14837	353	1	0.00730629863736222
MV_Schw	A	14838	829	1	1.62052158837974e-08
MV_Schw	A	14839	362	0	J.000616568881242944
MV_Schw	T	14840	756	1	9.88655415781707e-08
MV_Schw	A	14841	564	0	1.35952714775048e-06
MV_Schw	T	14842	486	0	1.33465070434441e-05
MV_Schw	C	14843	1636	1	1.35623582044838e-18
MV_Schw	C	14844	9108	2	.11731761972266e-110
MV_Schw	C	14845	1442	0	7.55754988966544e-18
MV_Schw	T	14846	541	0	2.97512457574038e-06
MV_Schw	A	14847	1019	0	2.23202886427951e-12
MV_Schw	C	14848	517	0	6.55315586302204e-06
MV_Schw	C	14849	2527	1	6.05611541742071e-30
MV_Schw	T	14850	167	0	0.124094801360285
MV_Schw	C	14851	2264	0	1.72879278081603e-28
MV_Schw	T	14852	81	0	0.641186461810141
MV_Schw	A	14853	605	0	4.41661140462013e-07
MV_Schw	G	14854	1888	0	1.83772311147825e-23
MV_Schw	T	14855	630	0	2.06200815969165e-07
MV_Schw	G	14856	3610	0	8.93340944269116e-46
MV_Schw	T	14857	1841	0	5.35558456506106e-23
MV_Schw	G	14858	3694	0	5.9521728664277e-47
MV_Schw	G	14859	10182	2	.06888275446532e-124
MV_Schw	G	14860	5320	3	1.45751126611159e-60
MV_Schw	G	14861	7826	1	3.46903875491837e-96
MV_Schw	T	14862	1399	0	3.84338434107394e-17
MV_Schw	T	14863	205	0	0.0461495798537483
MV_Schw	T	14864	3740	1	1.72926619920111e-45
MV_Schw	A	14865	4812	1	3.12088972865229e-59
MV_Schw	T	14866	3515	1	1.10863108013627e-42

MV_Schw	C	14867	6357	1 2.74914476902965e-77
MV_Schw	C	14868	3324	1 3.33678003501489e-40
MV_Schw	A	14869	2004	0 5.86221184801153e-25
MV_Schw	T	14870	12575	2 .59806135618807e-155
MV_Schw	T	14871	1793	0 2.51135525142596e-22
MV_Schw	C	14872	12035	2 .25708347134206e-148
MV_Schw	A	14873	3043	1 1.49256017560652e-36
MV_Schw	G	14874	1752	1 4.47684203555181e-20
MV_Schw	A	14875	4527	2 5.24540705057083e-52
MV_Schw	T	14876	3442	0 1.27140025409004e-43
MV_Schw	A	14877	469	0 1.93875379152911e-05
MV_Schw	T	14878	1643	1 8.92861106184468e-19
MV_Schw	A	14879	1422	1 5.37663427804951e-16
MV_Schw	G	14880	4942	2 1.74211373008108e-57
MV_Schw	A	14881	1353	1 5.49398604801057e-15
MV_Schw	G	14882	1521	0 7.66312964358801e-19
MV_Schw	A	14883	829	1 1.62052158837974e-08
MV_Schw	C	14884	2605	1 1.90213833514168e-29
MV_Schw	C	14885	3203	2 2.49069073594878e-35
MV_Schw	T	14886	424	0 8.99078052194206e-05
MV_Schw	T	14887	3004	1 4.70175149984226e-36
MV_Schw	G	14888	11944	5 .03553771548399e-138
MV_Schw	C	14889	3558	7 1.44690158511793e-30
MV_Schw	C	14890	3793	1 2.37528294328268e-44
MV_Schw	T	14891	1546	0 3.56041521316391e-19
MV_Schw	G	14892	4246	1 6.3825033217587e-52
MV_Schw	A	14893	176	1 0.34703042205032
MV_Schw	C	14894	15325	5 .34489066510955e-182
MV_Schw	A	14895	176	1 0.648224297390367
MV_Schw	A	14896	1203	0 1.11077823124742e-14
MV_Schw	A	14897	1213	0 7.37267395121326e-15
MV_Schw	G	14898	2913	1 6.71361743146533e-35
MV_Schw	A	14899	824	1 1.55109609345413e-08
MV_Schw	T	14900	632	1 4.0745248383131e-06
MV_Schw	A	14901	376	0 0.000429156299701183
MV_Schw	C	14902	1254	0 2.41562859378736e-15

MV_Schw	T	14903	593	0	6.5144684343737e-07
MV_Schw	A	14904	184	0	0.060993248324147
MV_Schw	T	14905	1250	0	2.32978859048866e-15
MV_Schw	A	14906	1186	0	1.55175349968809e-14
MV_Schw	G	14907	1397	1	1.14462906316046e-15
MV_Schw	A	14908	1397	1	2.30992204099541e-14
MV_Schw	G	14909	1202	0	1.08409521091678e-14
MV_Schw	A	14910	203	1	0.218380248770346
MV_Schw	A	14911	508	0	1.00516136460597e-05
MV_Schw	G	14912	2630	3	4.27999422294039e-27
MV_Schw	C	14913	442	0	6.5293982278993e-05
MV_Schw	T	14914	884	1	3.74534181656131e-09
MV_Schw	A	14915	853	0	3.19960077134814e-10
MV_Schw	G	14916	7860	6	2.32706218289950e-85
MV_Schw	A	14917	2388	2	2.584683788327e-25
MV_Schw	G	14918	2678	1	6.26561587518124e-32
MV_Schw	G	14919	1806	1	1.03155242369253e-20
MV_Schw	A	14920	221	0	0.0221567686996876
MV_Schw	A	14921	595	1	1.25903180054441e-05
MV_Schw	T	14922	2899	2	1.28078568037137e-31
MV_Schw	T	14923	2407	0	2.59309529516104e-30
MV_Schw	G	14924	3002	0	5.73000789054789e-38
MV_Schw	G	14925	802	1	3.379313327444696e-08
MV_Schw	C	14926	14699	3	.52717462178679e-178
MV_Schw	A	14927	802	0	1.4948870897719e-09
MV_Schw	G	14928	2655	1	1.35196328260252e-31
MV_Schw	C	14929	1277	0	1.09923365553527e-15
MV_Schw	C	14930	1242	0	3.60219953199458e-15
MV_Schw	A	14931	1399	0	3.84338434107394e-17
MV_Schw	T	14932	1624	1	2.01610207245853e-18
MV_Schw	C	14933	1595	0	7.56740999811869e-20
MV_Schw	T	14934	225	1	0.120869955174813
MV_Schw	T	14935	1911	0	8.23406380092862e-24
MV_Schw	A	14936	651	0	9.50347109229743e-08
MV_Schw	T	14937	1539	1	3.97321867023759e-16
MV_Schw	C	14938	3905	0	1.34305417268125e-49

MV_Schw	G	14939	9729	1 8.7876319512983e-123
MV_Schw	A	14940	785	0 2.09984470524133e-09
MV_Schw	T	14941	5420	1 3.68494284289403e-65
MV_Schw	G	14942	10081	1 .22604622996751e-125
MV_Schw	G	14943	1504	0 1.10476849269543e-18
MV_Schw	C	14944	13998	0 .43032010135897e-180
MV_Schw	T	14945	471	0 1.93875379152911e-05
MV_Schw	C	14946	12986	1 .37152649759904e-164
MV_Schw	T	14947	903	0 6.85215456759668e-11
MV_Schw	G	14948	12599	1 2.0719439515252e-157
MV_Schw	C	14949	2903	1 3.2786490907471e-33
MV_Schw	T	14950	3638	1 3.65903859996826e-44
MV_Schw	C	14951	3674	1 1.17070989515044e-44
MV_Schw	C	14952	2171	1 7.02548338795494e-24
MV_Schw	T	14953	597	0 6.83289635695745e-07
MV_Schw	G	14954	4134	1 2.10196075949147e-50
MV_Schw	G	14955	9599	2 .48046567182858e-117
MV_Schw	G	14956	5903	1 1.75144660167207e-71
MV_Schw	C	14957	4295	1 1.35994615299216e-52
MV_Schw	A	14958	859	0 2.09850510354154e-10
MV_Schw	A	14959	519	1 7.13522343509124e-05
MV_Schw	A	14960	1267	0 1.66716438051838e-15
MV_Schw	A	14961	1986	0 8.0920789347929e-25
MV_Schw	T	14962	3634	0 4.0576077549463e-46
MV_Schw	A	14963	390	0 0.000296027697709419
MV_Schw	G	14964	696	1 6.36851519680802e-07
MV_Schw	G	14965	3806	1 2.66461670988236e-46
MV_Schw	A	14966	1085	0 3.3268996690475e-13
MV_Schw	T	14967	1012	0 3.46990970422983e-12
MV_Schw	C	14968	1459	0 5.32812581846618e-18
MV_Schw	A	14969	329	0 0.00122977347158906
MV_Schw	A	14970	207	0 0.0469760201915419
MV_Schw	T	14971	634	1 3.25314555139048e-05
MV_Schw	A	14972	1015	2 1.26053598379366e-08
MV_Schw	C	14973	3452	1 7.54024123987068e-42
MV_Schw	T	14974	3591	1 1.78687678720454e-43

MV_Schw	G	14975	1996	0	5.4534780418171e-25
MV_Schw	G	14976	5562	1	5.48931460591354e-67
MV_Schw	T	14977	335	0	0.00128311301299652
MV_Schw	G	14978	4062	1	8.24932469002896e-48
MV_Schw	A	14979	1217	0	7.72446395346827e-15
MV_Schw	T	14980	1273	0	1.07767130685071e-15
MV_Schw	T	14981	3041	1	7.91196234701734e-35
MV_Schw	A	14982	692	0	3.02241910276187e-08
MV_Schw	A	14983	1107	1	6.73542372840933e-12
MV_Schw	G	14984	2771	1	4.3903964322792e-33
MV_Schw	C	14985	5479	1	5.15823020412985e-66
MV_Schw	T	14986	969	0	1.02459910771212e-11
MV_Schw	T	14987	760	1	9.96079130053354e-08
MV_Schw	A	14988	1198	0	1.05564375061948e-14
MV_Schw	T	14989	1791	1	1.45474212727798e-20
MV_Schw	G	14990	2217	1	5.46708796297683e-26
MV_Schw	C	14991	1215	0	7.52315556108096e-15
MV_Schw	C	14992	1981	1	4.90149728860117e-23
MV_Schw	T	14993	560	0	1.35347886865167e-06
MV_Schw	T	14994	2054	0	1.25022340035415e-25
MV_Schw	T	14995	1465	0	3.5070979174003e-18
MV_Schw	C	14996	11709	1	.81764382235639e-146
MV_Schw	A	14997	1816	0	1.15826989489663e-22
MV_Schw	G	14998	9440	1	.18480935996409e-117
MV_Schw	C	14999	6062	3	1.85171441252047e-68
MV_Schw	G	15000	3655	1	2.67757133356374e-44
MV_Schw	G	15001	3380	1	7.41859111500141e-41
MV_Schw	G	15002	5153	1	9.75325286665566e-64
MV_Schw	G	15003	2862	1	3.10363384915128e-34
MV_Schw	A	15004	6376	1	2.01044023294521e-77
MV_Schw	T	15005	1795	0	2.55539820015704e-22
MV_Schw	T	15006	888	1	2.39652817673133e-09
MV_Schw	T	15007	486	0	1.33465070434441e-05
MV_Schw	T	15008	2795	1	2.02907368592089e-33
MV_Schw	G	15009	6963	1	5.46104964836334e-87
MV_Schw	T	15010	2855	2	3.77269030781922e-31

MV_Schw	T	15011	1459	1 1.74681837218093e-16
MV_Schw	C	15012	7143	3 2.97383132913015e-82
MV_Schw	A	15013	589	0 6.35831285602973e-07
MV_Schw	G	15014	6818	3 1.13268056093022e-79
MV_Schw	G	15015	5953	1 3.81486798103626e-72
MV_Schw	G	15016	4203	1 1.93703897779237e-51
MV_Schw	A	15017	438	0 6.21217236865893e-05
MV_Schw	T	15018	1105	1 7.35926694954176e-11
MV_Schw	T	15019	587	0 6.33705547453606e-07
MV_Schw	T	15020	1975	0 1.20562428074216e-24
MV_Schw	A	15021	581	1 1.80355643096592e-05
MV_Schw	T	15022	453	1 0.000435524603864659
MV_Schw	A	15023	2581	3 1.88403601681550e-26
MV_Schw	A	15024	281	0 0.0054651270080729
MV_Schw	G	15025	2804	3 6.2547760752925e-28
MV_Schw	T	15026	39	0 1
MV_Schw	T	15027	269	1 0.0493136923590554
MV_Schw	A	15028	465	0 2.97770659573949e-05
MV_Schw	T	15029	1380	0 5.17704378312538e-17
MV_Schw	G	15030	2853	2 3.77269030781922e-31
MV_Schw	T	15031	682	1 7.79971405409605e-06
MV_Schw	A	15032	1161	0 3.34340947184945e-14
MV_Schw	G	15033	436	0 6.10735657108213e-05
MV_Schw	G	15034	339	0 0.000838801840787778
MV_Schw	G	15035	2295	0 8.1937869187747e-29
MV_Schw	T	15036	845	1 1.15747302859242e-08
MV_Schw	C	15037	2651	2 1.51732328052557e-28
MV_Schw	T	15038	986	1 1.97772128590666e-09
MV_Schw	C	15039	729	1 2.77341384550557e-06
MV_Schw	A	15040	3862	0 4.10643416008809e-49
MV_Schw	T	15041	1207	0 7.20194321726052e-15
MV_Schw	T	15042	386	1 0.00252013751730551
MV_Schw	A	15043	347	1 0.00709075117762907
MV_Schw	T	15044	593	1 1.23071540206373e-05
MV_Schw	A	15045	2318	1 1.20603865016543e-25
MV_Schw	G	15046	4506	0 1.86310847457434e-57

MV_Schw	A	15047	196	0	0.0437133877334182
MV_Schw	G	15048	1091	1	9.43900383805873e-12
MV_Schw	A	15049	471	1	0.000310228052792564
MV_Schw	A	15050	1922	0	5.54729493545903e-24
MV_Schw	G	15051	6655	1	5.38157045521967e-83
MV_Schw	T	15052	1450	0	8.15779493775658e-18
MV_Schw	G	15053	1891	0	1.15810350089500e-23
MV_Schw	A	15054	298	0	0.00396643007412919
MV_Schw	A	15055	1764	1	3.04163743142937e-20
MV_Schw	C	15056	5754	1	2.22993087704784e-71
MV_Schw	C	15057	6504	1	4.30315919725628e-79
MV_Schw	T	15058	116	0	0.296710762771661
MV_Schw	T	15059	903	0	6.85215456759668e-11
MV_Schw	G	15060	5765	0	7.96179853012645e-74
MV_Schw	T	15061	6915	1	2.24362090828922e-84
MV_Schw	A	15062	1597	0	7.59376790099526e-20
MV_Schw	T	15063	1052	0	6.90902325002347e-13
MV_Schw	A	15064	223	0	0.0221567686996876
MV_Schw	C	15065	337	0	0.00131350930751039
MV_Schw	C	15066	9560	1	.23273791169847e-120
MV_Schw	C	15067	5942	0	5.88884602769626e-76
MV_Schw	T	15068	4174	1	4.10259253306811e-51
MV_Schw	A	15069	647	0	1.46284737828218e-07
MV_Schw	G	15070	6442	1	2.26305674878317e-80
MV_Schw	A	15071	372	1	0.0188268016494874
MV_Schw	T	15072	1184	0	1.53667596110583e-14
MV_Schw	A	15073	231	0	0.0230242315581746
MV_Schw	C	15074	6343	0	2.54358790927326e-81
MV_Schw	A	15075	3676	2	2.04527089954565e-41
MV_Schw	G	15076	3215	0	1.34838239231221e-40
MV_Schw	C	15077	12287	5	.21710176158411e-144
MV_Schw	A	15078	862	0	2.12087494534024e-10
MV_Schw	A	15079	996	0	4.8591090129366e-12
MV_Schw	C	15080	7589	0	1.68601167706676e-97
MV_Schw	T	15081	3866	1	3.91303760011519e-47
MV_Schw	T	15082	190	0	0.0626240647804826

MV_Schw	C	15083	1640	0 2.50554428944595e-20
MV_Schw	A	15084	4333	0 4.34071313919113e-55
MV_Schw	T	15085	686	0 4.68151294743551e-08
MV_Schw	C	15086	3374	1 7.25372982967124e-41
MV_Schw	T	15087	293	0 0.00374831899291936
MV_Schw	C	15088	645	0 1.43363992786126e-07
MV_Schw	T	15089	112	0 0.390108970321283
MV_Schw	A	15090	2045	1 7.32878898670224e-24
MV_Schw	C	15091	6079	0 8.26013288240846e-78
MV_Schw	T	15092	297	0 0.00386997644741331
MV_Schw	G	15093	531	0 4.51110001886982e-06
MV_Schw	A	15094	169	0 0.0850400511116103
MV_Schw	A	15095	839	0 4.65288535221974e-10
MV_Schw	T	15096	1758	1 2.96668110459314e-20
MV_Schw	C	15097	1211	1 2.11832235556202e-13
MV_Schw	T	15098	85	0 0.648224297390367
MV_Schw	T	15099	260	0 0.01187682014109
MV_Schw	A	15100	1085	0 3.3268996690475e-13
MV_Schw	T	15101	2512	2 9.72451941407034e-27
MV_Schw	T	15102	568	0 1.39912799611384e-06
MV_Schw	T	15103	672	0 6.8094717108743e-08
MV_Schw	G	15104	308	0 0.00264541752797916
MV_Schw	G	15105	1632	0 3.9313101600527e-20
MV_Schw	T	15106	515	2 0.00378647932085024
MV_Schw	T	15107	360	0 0.000603140372929285
MV_Schw	A	15108	682	0 4.50385496215057e-08
MV_Schw	T	15109	1818	1 6.99053373118151e-21
MV_Schw	G	15110	6021	2 3.54529566099254e-71
MV_Schw	A	15111	1229	0 5.20794029399302e-15
MV_Schw	C	15112	14273	6 .12596395348166e-166
MV_Schw	A	15113	1229	0 5.20794029399302e-15
MV_Schw	G	15114	1198	0 1.05564375061948e-14
MV_Schw	A	15115	671	0 6.6718636300469e-08
MV_Schw	T	15116	1484	1 8.2192577664273e-17
MV_Schw	C	15117	14017	1 9.8528198925825e-178
MV_Schw	T	15118	868	0 2.25339248858533e-10

MV_Schw	C	15119	2554	1	8.5093639304238e-29
MV_Schw	A	15120	665	0	6.4876294460158e-08
MV_Schw	A	15121	4802	2	1.12365836184116e-55
MV_Schw	G	15122	4331	2	1.48149021888987e-49
MV_Schw	G	15123	1248	0	2.31149657748333e-15
MV_Schw	C	15124	798	0	1.43761268685108e-09
MV_Schw	T	15125	733	0	9.62638419926102e-09
MV_Schw	A	15126	601	0	4.35085717466987e-07
MV_Schw	A	15127	3357	3	6.0271687056996e-36
MV_Schw	C	15128	4711	1	6.85295126928243e-58
MV_Schw	C	15129	10791	2	.03309940104851e-132
MV_Schw	G	15130	3773	3	3.79757311682024e-41
MV_Schw	G	15131	1849	0	5.76673367764922e-23
MV_Schw	C	15132	6760	1	2.54493435432106e-84
MV_Schw	T	15133	3234	0	5.75611036885487e-41
MV_Schw	A	15134	3872	1	4.06999102824884e-47
MV_Schw	A	15135	1537	0	5.35024053008293e-19
MV_Schw	T	15136	3386	0	5.70755085260593e-43
MV_Schw	G	15137	2475	1	8.17160256663972e-28
MV_Schw	A	15138	110	1	0.789229943133706
MV_Schw	A	15139	1205	1	5.95603379706098e-12
MV_Schw	T	15140	572	0	1.47537931345750e-06
MV_Schw	C	15141	1738	0	1.15058463470774e-21
MV_Schw	C	15142	705	1	4.34454235002959e-07
MV_Schw	T	15143	1221	0	4.93556683770453e-15
MV_Schw	G	15144	3362	3	3.98067885838877e-36
MV_Schw	A	15145	6804	2	3.02392494106536e-81
MV_Schw	A	15146	1271	1	9.63451147323843e-13
MV_Schw	A	15147	1114	0	1.62618190985966e-13
MV_Schw	A	15148	287	0	0.00370071528646678
MV_Schw	G	15149	2481	2	1.92151896043269e-26
MV_Schw	A	15150	293	0	0.00374831899291936
MV_Schw	T	15151	740	1	2.24262497729678e-07
MV_Schw	T	15152	740	1	2.24262497729678e-07
MV_Schw	A	15153	521	1	0.0005130463599647
MV_Schw	A	15154	227	0	0.0224026288296061

MV_Schw	G	15155	959	0 1.57097376982161e-11
MV_Schw	C	15156	996	1 1.23676110803102e-10
MV_Schw	A	15157	281	0 0.0054651270080729
MV_Schw	G	15158	1126	0 1.09044914069233e-13
MV_Schw	C	15159	901	0 6.76904842423203e-11
MV_Schw	A	15160	2490	1 5.65531351700588e-28
MV_Schw	G	15161	1860	1 1.46791494429932e-21
MV_Schw	A	15162	101	0 0.51781700540984
MV_Schw	T	15163	543	1 5.40113038146285e-05
MV_Schw	A	15164	638	0 1.38810712996678e-07
MV_Schw	A	15165	2905	2 8.51860812183275e-32
MV_Schw	T	15166	1785	0 3.92760577478916e-22
MV_Schw	T	15167	351	0 0.00091172762226358
MV_Schw	G	15168	8816	0 .38332966471243e-113
MV_Schw	A	15169	211	0 0.03148485115913
MV_Schw	A	15170	1926	1 2.20993893175040e-22
MV_Schw	T	15171	1054	0 6.91906475996322e-13
MV_Schw	C	15172	981	0 6.92038081467864e-12
MV_Schw	A	15173	579	0 9.44491436922526e-07
MV_Schw	T	15174	543	0 3.03369012467129e-06
MV_Schw	C	15175	2657	0 1.86009615146372e-33
MV_Schw	T	15176	3236	1 4.88070781009419e-39
MV_Schw	G	15177	2424	0 1.82278506567368e-30
MV_Schw	T	15178	1653	1 6.08461263547907e-19
MV_Schw	G	15179	8118	1 .86346758397333e-102
MV_Schw	A	15180	1484	1 8.2192577664273e-17
MV_Schw	G	15181	5291	0 1.20994282549476e-67
MV_Schw	G	15182	1409	0 2.48917785476210e-17
MV_Schw	A	15183	893	0 1.03673599593703e-10
MV_Schw	C	15184	6275	0 2.69915179787206e-80
MV_Schw	T	15185	1713	0 2.47384689475025e-21
MV_Schw	T	15186	101	0 0.51781700540984
MV_Schw	C	15187	2029	0 2.70623469614514e-25
MV_Schw	A	15188	996	0 4.8591090129366e-12
MV_Schw	C	15189	6804	0 2.58586087303399e-87
MV_Schw	C	15190	7045	3 2.04355329015948e-82

MV_Schw	T	15191	7734	1 5.42591753251236e-97
MV_Schw	G	15192	2407	1 1.78440203124345e-28
MV_Schw	G	15193	1118	0 1.02452495324943e-13
MV_Schw	A	15194	1229	0 5.20794029399302e-15
MV_Schw	C	15195	8490	0 .35168785239159e-109
MV_Schw	T	15196	917	0 4.7180618522788e-11
MV_Schw	T	15197	554	0 2.03946865526378e-06
MV_Schw	A	15198	729	0 9.56777608510523e-09
MV_Schw	T	15199	748	0 6.71067626462059e-09
MV_Schw	A	15200	5839	1 1.48352772049986e-72
MV_Schw	G	15201	1624	0 3.57132818494445e-20
MV_Schw	G	15202	6384	0 8.08988438872447e-82
MV_Schw	T	15203	463	0 2.92053399975642e-05
MV_Schw	C	15204	1800	1 9.7468386384754e-21
MV_Schw	A	15205	328	0 0.00122440694427806
MV_Schw	C	15206	8041	3 1.34080754776623e-93
MV_Schw	A	15207	1688	2 1.27204167972611e-16
MV_Schw	T	15208	859	1 8.04253152858602e-09
MV_Schw	C	15209	1692	0 5.51506730957602e-21
MV_Schw	C	15210	647	0 1.46284737828218e-07
MV_Schw	T	15211	1295	0 7.9182499440671e-16
MV_Schw	A	15212	1578	0 1.74332947465606e-19
MV_Schw	T	15213	992	0 4.68066291936219e-12
MV_Schw	C	15214	2269	1 1.21099323973924e-26
MV_Schw	C	15215	3477	1 1.94846046790638e-40
MV_Schw	A	15216	605	1 8.40475503438195e-06
MV_Schw	T	15217	192	0 0.0637677617687036
MV_Schw	T	15218	1680	0 8.19840154367744e-21
MV_Schw	A	15219	4279	1 1.95311953779782e-52
MV_Schw	A	15220	1669	1 4.18149397800882e-19
MV_Schw	G	15221	1056	1 1.87037595111299e-11
MV_Schw	C	15222	4502	1 2.97046679049957e-55
MV_Schw	A	15223	1079	0 3.21785256543600e-13
MV_Schw	A	15224	60	1 1
MV_Schw	C	15225	3946	1 4.00599417429487e-48
MV_Schw	T	15226	279	0 0.00539683386016816

MV_Schw	A	15227	455	0	4.535557566976e-05
MV_Schw	A	15228	145	0	0.161503851613234
MV_Schw	G	15229	3930	1	3.51391339120555e-46
MV_Schw	C	15230	2855	1	1.50404881507914e-32
MV_Schw	T	15231	1147	0	4.86647069488137e-14
MV_Schw	G	15232	684	0	4.57815998507218e-08
MV_Schw	C	15233	1281	0	1.14747977226995e-15
MV_Schw	A	15234	767	1	9.36600499673184e-07
MV_Schw	T	15235	376	0	0.000429156299701183
MV_Schw	A	15236	207	0	0.0469760201915419
MV_Schw	C	15237	618	1	5.85764216132517e-06
MV_Schw	A	15238	1787	1	3.42372514788662e-19
MV_Schw	A	15239	905	0	6.97889911723565e-11
MV_Schw	G	15240	7579	3	2.21976741580197e-89
MV_Schw	C	15241	1653	0	1.72019982216439e-20
MV_Schw	A	15242	891	0	1.01235897577476e-10
MV_Schw	A	15243	500	0	9.17885897222951e-06
MV_Schw	T	15244	1543	1	1.86150162384161e-17
MV_Schw	T	15245	674	0	6.9909911351315e-08
MV_Schw	G	15246	1331	0	2.46690908069975e-16
MV_Schw	T	15247	764	0	4.69241958060894e-09
MV_Schw	G	15248	14738	5	.66944350871421e-173
MV_Schw	G	15249	764	1	9.20180935106783e-07
MV_Schw	G	15250	2936	1	3.12271252729054e-35
MV_Schw	A	15251	779	1	7.38402665470951e-08
MV_Schw	G	15252	3705	3	5.13739009623323e-39
MV_Schw	A	15253	248	0	0.0109464716562247
MV_Schw	C	15254	10477	5	.77960161447302e-121
MV_Schw	G	15255	3105	1	2.19074937118286e-37
MV_Schw	C	15256	1436	1	3.69575439946648e-16
MV_Schw	A	15257	3614	1	8.09156196649302e-44
MV_Schw	G	15258	2921	1	7.3444029921502e-35
MV_Schw	T	15259	767	0	3.03939088124383e-09
MV_Schw	T	15260	773	0	3.10215831347887e-09
MV_Schw	A	15261	1202	0	1.08409521091678e-14
MV_Schw	G	15262	3558	3	1.43342193322367e-38

MV_Schw	T	15263	1136	0 7.15274561209346e-14
MV_Schw	A	15264	1521	1 4.17688692472197e-17
MV_Schw	G	15265	6748	0 1.84128565207072e-86
MV_Schw	A	15266	659	0 9.88655415781707e-08
MV_Schw	G	15267	2944	1 3.30674939355187e-35
MV_Schw	G	15268	8157	3 1.32779790909230e-96
MV_Schw	T	15269	758	1 9.88655415781707e-08
MV_Schw	G	15270	2793	1 2.02907368592089e-33
MV_Schw	A	15271	147	0 0.162686550333688
MV_Schw	T	15272	8723	1 8.1366121171444e-110
MV_Schw	A	15273	5833	1 1.79469424872863e-70
MV_Schw	T	15274	306	0 0.00260097485570830
MV_Schw	C	15275	1041	0 1.00985527303858e-12
MV_Schw	A	15276	430	0 6.01062123097195e-05
MV_Schw	A	15277	1616	0 5.51432956998724e-20
MV_Schw	T	15278	2207	0 1.23448817107449e-27
MV_Schw	C	15279	2359	1 8.31588179377838e-28
MV_Schw	C	15280	1151	1 1.39509385488590e-12
MV_Schw	T	15281	97	0 0.503192867159235
MV_Schw	A	15282	105	0 0.37877131423274
MV_Schw	C	15283	1781	0 3.7300545488867e-22
MV_Schw	T	15284	97	0 0.503192867159235
MV_Schw	C	15285	248	0 0.0109464716562247
MV_Schw	T	15286	157	0 0.118807954027477
MV_Schw	G	15287	5587	0 1.75144660167207e-71
MV_Schw	A	15288	3562	1 2.21623428003865e-41
MV_Schw	A	15289	1039	0 1.00985527303858e-12
MV_Schw	A	15290	1467	0 3.50954254282433e-18
MV_Schw	A	15291	250	0 0.0109496584840517
MV_Schw	A	15292	103	0 0.37877131423274
MV_Schw	A	15293	186	0 0.0611551441006359
MV_Schw	C	15294	3915	2 2.45935805507729e-44
MV_Schw	T	15295	178	1 0.351232192365447
MV_Schw	T	15296	182	0 0.060993248324147
MV_Schw	A	15297	136	0 0.224063006917908
MV_Schw	C	15298	1378	3 6.62035087389773e-12

MV_Schw	A	15299	45	0	1
MV_Schw	C	15300	103	0	0.37877131423274
MV_Schw	C	15301	244	0	0.0163941242041888
MV_Schw	T	15302	223	1	0.120796610672436
MV_Schw	A	15303	432	0	6.01062123097195e-05
MV_Schw	T	15304	291	0	0.00371697541983835
MV_Schw	A	15305	643	0	1.4100041650925e-07
MV_Schw	G	15306	252	1	0.0664209032864009
MV_Schw	A	15307	519	1	7.13522343509124e-05
MV_Schw	G	15308	924	1	7.8235335143579e-10
MV_Schw	C	15309	1147	0	4.86647069488137e-14
MV_Schw	A	15310	260	0	0.01187682014109
MV_Schw	G	15311	2981	1	3.42554672909046e-34
MV_Schw	G	15312	1004	0	3.18422806461459e-12
MV_Schw	T	15313	1558	0	2.40825433548378e-19
MV_Schw	G	15314	1172	1	6.56220599098129e-13
MV_Schw	C	15315	1486	0	2.52191708456616e-18
MV_Schw	T	15316	816	0	1.02964970836016e-09
MV_Schw	G	15317	3097	0	4.11067790343552e-39
MV_Schw	A	15318	2459	1	3.91891827047252e-29
MV_Schw	T	15319	1023	0	2.33621633147124e-12
MV_Schw	C	15320	1700	1	4.75599605746095e-18
MV_Schw	A	15321	287	0	0.00370071528646678
MV_Schw	A	15322	1419	0	1.64620456077558e-17
MV_Schw	T	15323	1328	1	1.44200891457894e-13
MV_Schw	T	15324	5360	0	1.87907544706161e-68
MV_Schw	G	15325	3808	0	1.89765546241214e-48
MV_Schw	C	15326	6508	3	1.00121886685600e-75
MV_Schw	G	15327	1895	0	1.17357687547283e-23
MV_Schw	G	15328	4048	0	1.99882891124169e-51
MV_Schw	G	15329	3926	0	6.02695415019885e-50
MV_Schw	T	15330	1725	0	1.68103001909429e-21
MV_Schw	T	15331	5407	1	5.33098209549352e-65
MV_Schw	G	15332	4924	2	3.85251400215903e-57
MV_Schw	G	15333	1996	1	3.40817346943791e-23
MV_Schw	C	15334	4254	1	4.20807107569511e-52

MV_Schw	A	15335	5653	2 2.40476848447877e-66
MV_Schw	A	15336	740	1 2.24262497729678e-07
MV_Schw	T	15337	731	0 9.56777608510523e-09
MV_Schw	T	15338	731	0 9.56777608510523e-09
MV_Schw	A	15339	4835	0 1.37054206785699e-61
MV_Schw	A	15340	1568	0 1.63109543035556e-19
MV_Schw	C	15341	11114	5 .36025358057084e-128
MV_Schw	G	15342	864	1 7.96192567326806e-08
MV_Schw	G	15343	891	0 1.01235897577476e-10
MV_Schw	A	15344	403	1 0.00179980771690519
MV_Schw	C	15345	1132	1 3.17646026597022e-12
MV_Schw	C	15346	4700	0 5.94674633478625e-60
MV_Schw	T	15347	128	0 0.307480793677112
MV_Schw	A	15348	959	0 1.57097376982161e-11
MV_Schw	A	15349	525	1 7.34982591968976e-05
MV_Schw	G	15350	7066	1 2.23339087636213e-86
MV_Schw	C	15351	1318	1 1.06644327421489e-14
MV_Schw	T	15352	709	1 4.42599194690295e-07
MV_Schw	G	15353	1116	0 1.02452495324943e-13
MV_Schw	T	15354	506	1 0.000102077005031043
MV_Schw	G	15355	5041	2 1.29822346939515e-58
MV_Schw	C	15356	5506	2 1.46493569293543e-64
MV_Schw	A	15357	9996	2 .03005275447858e-122
MV_Schw	A	15358	828	1 1.59200118175845e-08
MV_Schw	A	15359	1645	0 1.64859269004702e-20
MV_Schw	G	15360	8351	3 1.56545586604484e-97
MV_Schw	A	15361	6017	1 6.8131829412929e-75
MV_Schw	A	15362	455	0 4.535557566976e-05
MV_Schw	T	15363	2870	1 2.08680902678627e-34
MV_Schw	T	15364	831	0 7.32656365148702e-10
MV_Schw	G	15365	3333	1 3.65294206541365e-40
MV_Schw	A	15366	1153	0 5.19942982563649e-14
MV_Schw	T	15367	1287	1 6.8992214824925e-13
MV_Schw	C	15368	4764	1 1.02706404875048e-56
MV_Schw	C	15369	779	0 3.32879724136236e-09
MV_Schw	A	15370	550	0 1.98675366236653e-06

MV_Schw	C	15371	4510	3 4.81692299814747e-49
MV_Schw	C	15372	4814	0 1.83142629194565e-61
MV_Schw	A	15373	1172	0 2.26350812475368e-14
MV_Schw	T	15374	880	1 3.57234895150995e-09
MV_Schw	G	15375	504	0 9.48693703037088e-06
MV_Schw	A	15376	731	1 2.06752319983173e-07
MV_Schw	T	15377	1550	1 2.76000553057011e-16
MV_Schw	G	15378	4138	1 1.30182819231890e-50
MV_Schw	T	15379	461	0 2.87791954107156e-05
MV_Schw	T	15380	240	0 0.0158394533614316
MV_Schw	G	15381	1267	0 1.66716438051838e-15
MV_Schw	C	15382	2736	1 1.43741105769954e-32
MV_Schw	C	15383	7533	2 1.7464794951817e-90
MV_Schw	T	15384	829	0 7.09756615609788e-10
MV_Schw	C	15385	1244	0 3.71402971510022e-15
MV_Schw	A	15386	539	0 2.93476087426298e-06
MV_Schw	G	15387	2265	1 1.18313618470983e-26
MV_Schw	G	15388	3320	1 5.28871212392899e-40
MV_Schw	G	15389	8767	1 .75544490937405e-110
MV_Schw	C	15390	333	0 0.00125895595678960
MV_Schw	A	15391	922	0 3.11076161967357e-11
MV_Schw	A	15392	459	0 2.85225466002296e-05
MV_Schw	G	15393	4347	0 3.01673529805534e-55
MV_Schw	A	15394	715	0 2.28694713845038e-08
MV_Schw	T	15395	948	0 2.35499725054926e-11
MV_Schw	G	15396	2192	1 3.19707081756641e-24
MV_Schw	G	15397	1322	0 3.76592518242398e-16
MV_Schw	A	15398	1002	0 3.17646026597022e-12
MV_Schw	T	15399	1200	0 1.06644327421489e-14
MV_Schw	T	15400	843	0 4.88972926763393e-10
MV_Schw	G	15401	4568	0 2.76474285500167e-58
MV_Schw	C	15402	10934	4 .01046850594713e-128
MV_Schw	T	15403	647	0 1.46284737828218e-07
MV_Schw	T	15404	12523	1 .14968274564556e-158
MV_Schw	A	15405	291	1 0.0263398139691685
MV_Schw	A	15406	1401	0 2.36186426897171e-17

MV_Schw	T	15407	810	0 9.76030167426468e-10
MV_Schw	T	15408	1833	1 1.17572627755492e-19
MV_Schw	C	15409	3362	1 5.94636757218649e-39
MV_Schw	T	15410	314	0 0.00176845260235514
MV_Schw	A	15411	337	0 0.00131350930751039
MV_Schw	T	15412	2029	0 2.70623469614514e-25
MV_Schw	A	15413	287	1 0.0368535484835669
MV_Schw	C	15414	3684	0 8.81083280805457e-47
MV_Schw	T	15415	1198	0 1.05564375061948e-14
MV_Schw	C	15416	184	0 0.060993248324147
MV_Schw	A	15417	2448	1 5.77654727645982e-29
MV_Schw	T	15418	207	0 0.0469760201915419
MV_Schw	C	15419	1258	1 7.10163070623807e-14
MV_Schw	C	15420	917	0 4.7180618522788e-11
MV_Schw	T	15421	1426	0 1.10279551479421e-17
MV_Schw	C	15422	1169	0 2.24257453277027e-14
MV_Schw	T	15423	564	0 1.35952714775048e-06
MV_Schw	A	15424	1264	1 4.78339665353882e-14
MV_Schw	C	15425	7537	2 1.80464537317491e-90
MV_Schw	A	15426	1789	1 1.43113335380753e-20
MV_Schw	G	15427	1814	0 1.15490775518100e-22
MV_Schw	G	15428	2680	0 8.43144350870855e-34
MV_Schw	G	15429	2909	0 8.35474491348776e-37
MV_Schw	A	15430	1039	0 1.00985527303858e-12
MV_Schw	G	15431	3248	1 3.3203092647898e-39
MV_Schw	T	15432	1647	1 9.14884276891666e-19
MV_Schw	T	15433	10240	2 .95819321396646e-125
MV_Schw	G	15434	3405	1 3.48155407576013e-41
MV_Schw	G	15435	12097	9 .24447990347837e-132
MV_Schw	C	15436	3405	5 7.56396307713774e-32
MV_Schw	A	15437	6457	1 1.55730744900988e-80
MV_Schw	A	15438	791	0 2.23197763814646e-09
MV_Schw	G	15439	2628	1 2.87805695383316e-31
MV_Schw	A	15440	855	1 7.63327059196443e-09
MV_Schw	T	15441	5052	1 2.06997985031740e-62
MV_Schw	T	15442	1285	0 7.33302200150295e-16

MV_Schw	C	15443	9070	1 .34970006800732e-112
MV_Schw	A	15444	882	0 1.55507167487521e-10
MV_Schw	A	15445	3899	1 1.94438817915878e-47
MV_Schw	A	15446	5715	7 1.39547426317228e-57
MV_Schw	G	15447	2471	3 5.57236367757015e-25
MV_Schw	A	15448	31	0 1
MV_Schw	C	15449	2254	3 1.87829129264698e-22
MV_Schw	A	15450	610	0 4.71258185709977e-07
MV_Schw	A	15451	318	0 0.00178409526245752
MV_Schw	C	15452	888	0 9.8449641484977e-11
MV_Schw	C	15453	1455	0 5.17067991613197e-18
MV_Schw	A	15454	2812	3 3.76527399301879e-29
MV_Schw	A	15455	453	1 0.000435524603864659
MV_Schw	A	15456	479	0 2.04877882921282e-05
MV_Schw	G	15457	2434	1 4.07895998831133e-27
MV_Schw	A	15458	219	0 0.0328674635647276
MV_Schw	A	15459	849	0 3.10265274389703e-10
MV_Schw	G	15460	1240	0 3.51525064838207e-15
MV_Schw	T	15461	136	0 0.224063006917908
MV_Schw	C	15462	3657	1 2.75954009037912e-44
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MV_Schw	C	15465	8888	1 .72225619041859e-110
MV_Schw	A	15466	2126	0 1.19532457485376e-26
MV_Schw	A	15467	1690	0 5.41292842995679e-21
MV_Schw	G	15468	4795	1 3.07742046974763e-57
MV_Schw	G	15469	10707	2 .46769825953742e-131
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MV_Schw	A	15471	1052	0 6.90902325002347e-13
MV_Schw	T	15472	1368	0 7.70852204348194e-17
MV_Schw	G	15473	7017	1 1.04905428992772e-85
MV_Schw	T	15474	3291	0 1.33049726113938e-41
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MV_Schw	C	15476	3291	1 6.31319805717388e-38
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MV_Schw	A	15478	1868	0 2.51480606641377e-23

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MV_Schw	G	15480	1868	1.3.67137536004104e-20
MV_Schw	C	15481	7814	1.5.05745995051245e-96
MV_Schw	T	15482	795	0.1.41630202140462e-09
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MV_Schw	A	15484	1314	0.3.46015378334414e-16
MV_Schw	C	15485	1234	0.3.37927179511424e-15
MV_Schw	C	15486	14267	1.51737987103475e-181
MV_Schw	C	15487	1234	1.1.55520230764573e-13
MV_Schw	C	15488	1717	0.2.54772250834741e-21
MV_Schw	G	15489	1314	0.3.46015378334414e-16
MV_Schw	T	15490	556	1.3.79071980681320e-05
MV_Schw	A	15491	2004	0.5.86221184801153e-25
MV_Schw	T	15492	2370	0.8.18424027302492e-30
MV_Schw	T	15493	1120	0.1.03021822474116e-13
MV_Schw	G	15494	1153	0.5.19942982563649e-14
MV_Schw	G	15495	7711	0.5.69387527570341e-99
MV_Schw	T	15496	1661	0.1.12986393640154e-20
MV_Schw	A	15497	1112	0.1.58359778566520e-13
MV_Schw	A	15498	136	0.0.224063006917908
MV_Schw	G	15499	7765	1.2.70164452457137e-97
MV_Schw	T	15500	2118	0.1.84137703702494e-26
MV_Schw	A	15501	1581	1.6.00859124472456e-18
MV_Schw	G	15502	1940	0.4.02230639057135e-24
MV_Schw	C	15503	13562	1.43668944321523e-172
MV_Schw	A	15504	934	0.3.42049946628424e-11
MV_Schw	G	15505	3723	0.2.82277081799039e-47
MV_Schw	G	15506	1651	1.2.18589210838575e-17
MV_Schw	C	15507	1436	0.1.18302803003047e-17
MV_Schw	A	15508	663	0.1.04060569930799e-07
MV_Schw	A	15509	1461	1.1.74931416524889e-16
MV_Schw	C	15510	14041	8.11299764170402e-158
MV_Schw	G	15511	1461	2.5.89502701810041e-14
MV_Schw	A	15512	1698	0.3.60488956606527e-21
MV_Schw	G	15513	7420	0.3.89230914223109e-95
MV_Schw	A	15514	1000	1.1.28836692848107e-10

MV_Schw	A	15515	936	0 2.11905405155120e-11
MV_Schw	C	15516	14566	3 .48446574199034e-176
MV_Schw	T	15517	525	0 4.27807952152774e-06
MV_Schw	T	15518	1060	0 7.23020715155605e-13
MV_Schw	A	15519	2109	0 2.82988525657064e-26
MV_Schw	T	15520	4066	0 8.7734181739147e-52
MV_Schw	A	15521	2785	1 3.02161767472501e-33
MV_Schw	T	15522	1172	0 2.26350812475368e-14
MV_Schw	C	15523	4151	1 5.67618574006514e-49
MV_Schw	T	15524	419	0 8.73356503391626e-05
MV_Schw	A	15525	1004	0 3.18422806461459e-12
MV_Schw	G	15526	9595	1 .45266384105586e-121
MV_Schw	G	15527	5907	5 1.01599914058081e-63
MV_Schw	A	15528	1078	0 3.21785256543600e-13
MV_Schw	T	15529	1550	0 3.68114600279307e-19
MV_Schw	C	15530	1351	0 1.09633800307973e-16
MV_Schw	A	15531	5085	1 1.02249666623863e-62
MV_Schw	C	15532	10417	3 .36896992837717e-124
MV_Schw	C	15533	5085	2 2.72548998266867e-59
MV_Schw	C	15534	10417	6 .62552163030639e-117
MV_Schw	G	15535	4893	2 7.84885238395948e-57
MV_Schw	C	15536	5240	0 5.65560410922322e-67
MV_Schw	A	15537	3672	0 1.29938457454945e-46
MV_Schw	A	15538	1979	1 2.01631320870254e-21
MV_Schw	A	15539	1114	1 4.33944728943262e-12
MV_Schw	T	15540	2430	1 8.34425461328678e-29
MV_Schw	T	15541	992	0 4.68066291936219e-12
MV_Schw	C	15542	5324	0 6.09391802873352e-68
MV_Schw	T	15543	2349	1 3.54809929360512e-26
MV_Schw	G	15544	11825	1 8.1047767476887e-150
MV_Schw	G	15545	3676	5 3.61428469716644e-35
MV_Schw	G	15546	2717	0 2.65294630606308e-34
MV_Schw	G	15547	4329	1 4.23718401842386e-53
MV_Schw	G	15548	11172	5 .97734115596845e-128
MV_Schw	C	15549	3890	0 1.91518377865977e-49
MV_Schw	A	15550	3424	1 2.59618093959318e-41

MV_Schw	C	15551	7515	2 2.46308753148209e-90
MV_Schw	A	15552	7986	2 2.76888089570816e-96
MV_Schw	T	15553	2167	1 2.53229759690454e-25
MV_Schw	T	15554	822	0 6.61899700876003e-10
MV_Schw	C	15555	9515	1 .08205851427121e-120
MV_Schw	T	15556	5986	0 1.15876950853474e-76
MV_Schw	T	15557	1048	0 1.07409606963816e-12
MV_Schw	C	15558	14453	9 .64462522779467e-160
MV_Schw	T	15559	1048	1 2.78777662978622e-11
MV_Schw	T	15560	1021	1 5.85778760074233e-11
MV_Schw	T	15561	2360	0 1.22546356582364e-29
MV_Schw	A	15562	256	0 0.0113006909548612
MV_Schw	C	15563	5114	5 1.61948606337391e-52
MV_Schw	T	15564	3281	1 1.66536008242246e-39
MV_Schw	C	15565	12221	13 .44637937879904e-126
MV_Schw	C	15566	3281	13 4.48960374255197e-21
MV_Schw	G	15567	2161	2 2.24165122401607e-22
MV_Schw	G	15568	7046	3 6.28229908639501e-81
MV_Schw	G	15569	4519	4 1.14369819573861e-47
MV_Schw	A	15570	800	1 3.32019941237771e-08
MV_Schw	A	15571	343	0 0.00084477997416832
MV_Schw	C	15572	7903	1 4.04047771853375e-99
MV_Schw	A	15573	1967	1 1.84916890541443e-21
MV_Schw	A	15574	362	0 0.000616568881242944
MV_Schw	A	15575	217	0 0.0324730952235072
MV_Schw	A	15576	579	0 9.44491436922526e-07
MV_Schw	A	15577	504	0 9.48693703037088e-06
MV_Schw	G	15578	1097	0 2.24917662333365e-13
MV_Schw	T	15579	161	0 0.119516505590852
MV_Schw	T	15580	217	0 0.0324730952235072
MV_Schw	G	15581	1213	0 7.37267395121326e-15
MV_Schw	A	15582	297	0 0.00386997644741331
MV_Schw	T	15583	510	0 6.20756007436501e-06
MV_Schw	A	15584	233	0 0.0235202211426643
MV_Schw	A	15585	136	0 0.224063006917908
MV_Schw	A	15586	300	0 0.00254916505180690

MV_Schw	T	15587	2002	0 5.71669013801564e-25
MV_Schw	A	15588	2124	1 7.57962830333327e-25
MV_Schw	A	15589	453	1 0.000435524603864659
MV_Schw	G	15590	3915	1 5.0299319182489e-46
MV_Schw	T	15591	155	0 0.118807954027477
MV_Schw	T	15592	1025	0 2.40830256989697e-12
MV_Schw	T	15593	709	1 4.42599194690295e-07
MV_Schw	A	15594	1529	0 5.14444500435784e-19
MV_Schw	T	15595	453	0 4.40680904645487e-05
MV_Schw	C	15596	7948	1 1.40331204317665e-99
MV_Schw	C	15597	7554	2 8.03542859664366e-91
MV_Schw	A	15598	1174	0 2.29510155686448e-14
MV_Schw	G	15599	984	0 7.25361238771186e-12
MV_Schw	A	15600	2758	1 3.28999759822488e-31
MV_Schw	A	15601	1155	0 3.28173089836886e-14
MV_Schw	T	15602	2114	0 1.76765427643254e-26
MV_Schw	C	15603	4572	0 2.78977712193246e-58
MV_Schw	T	15604	492	0 1.41079833334784e-05
MV_Schw	C	15605	2097	0 2.52403479188233e-26
MV_Schw	A	15606	3841	1 8.35662075887651e-47
MV_Schw	A	15607	3591	1 1.78687678720454e-43
MV_Schw	G	15608	1928	1 2.21283568991399e-22
MV_Schw	T	15609	2337	1 1.88264668088602e-27
MV_Schw	C	15610	2973	1 5.09738725668989e-34
MV_Schw	C	15611	12529	1 .12506396971460e-156
MV_Schw	G	15612	2973	2 1.31833513462435e-32
MV_Schw	G	15613	12529	11 .07861444341777e-134
MV_Schw	C	15614	2973	1 9.94448538495384e-36
MV_Schw	T	15615	963	0 9.88270049862388e-12
MV_Schw	A	15616	2694	1 2.20237629956168e-30
MV_Schw	T	15617	581	0 9.6272906000911e-07
MV_Schw	C	15618	5698	1 9.91131429215906e-71
MV_Schw	T	15619	4329	0 4.13085796483177e-55
MV_Schw	G	15620	1841	0 5.35558456506106e-23
MV_Schw	A	15621	250	0 0.0109496584840517
MV_Schw	T	15622	3595	0 1.26235798208266e-45

MV_Schw	A	15623	880	1 3.57234895150995e-09
MV_Schw	C	15624	1998	1 3.46462231836761e-23
MV_Schw	T	15625	849	0 3.10265274389703e-10
MV_Schw	A	15626	209	1 0.161035028661221
MV_Schw	G	15627	6393	2 5.66196773181111e-76
MV_Schw	A	15628	316	0 0.00177078532209268
MV_Schw	C	15629	5157	1 9.75866329001969e-64
MV_Schw	T	15630	568	0 1.39912799611384e-06
MV_Schw	T	15631	221	1 0.166809098130885
MV_Schw	A	15632	252	0 0.0110265129960802
MV_Schw	C	15633	1839	0 5.35558456506106e-23
MV_Schw	A	15634	3198	1 8.63645135942313e-37
MV_Schw	C	15635	1866	1 1.49174289969532e-21
MV_Schw	C	15636	717	1 2.97684017391012e-07
MV_Schw	A	15637	539	0 2.93476087426298e-06
MV_Schw	G	15638	2814	0 1.94101295326403e-35
MV_Schw	A	15639	719	0 1.41035004331536e-08
MV_Schw	A	15640	1198	0 1.05564375061948e-14
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MV_Schw	T	15643	331	1 0.00989925601088655
MV_Schw	C	15644	2868	3 5.48084767585778e-30
MV_Schw	T	15645	952	0 1.45579809233148e-11
MV_Schw	T	15646	527	0 4.32916705777071e-06
MV_Schw	C	15647	1260	0 1.57627890675026e-15
MV_Schw	G	15648	9422	1 .58864516370203e-119
MV_Schw	T	15649	229	0 0.0226023994581542
MV_Schw	T	15650	2814	1 1.47127764959592e-33
MV_Schw	A	15651	816	0 1.02964970836016e-09
MV_Schw	A	15652	407	1 0.00184942787214835
MV_Schw	G	15653	2570	1 2.04401157405185e-30
MV_Schw	A	15654	2812	1 4.63966283133311e-32
MV_Schw	A	15655	2093	1 2.59975003672538e-24
MV_Schw	T	15656	269	0 0.00793670273477432
MV_Schw	C	15657	884	0 9.78067611488631e-11
MV_Schw	T	15658	291	0 0.00371697541983835

MV_Schw	A	15659	1167	1 9.82088728760927e-13
MV_Schw	T	15660	1093	1 9.70175998327786e-12
MV_Schw	C	15661	2388	0 5.83278699902224e-30
MV_Schw	C	15662	500	0 9.17885897222951e-06
MV_Schw	A	15663	397	0 0.000190672068197538
MV_Schw	A	15664	368	1 0.0052975416620371
MV_Schw	G	15665	9835	6 .76091748337229e-110
MV_Schw	T	15666	171	0 0.0850400511116103
MV_Schw	C	15667	3783	1 5.80999255907908e-46
MV_Schw	A	15668	1025	0 2.40830256989697e-12
MV_Schw	G	15669	10891	3 .35185597469400e-131
MV_Schw	A	15670	4054	2 3.77091953556867e-46
MV_Schw	G	15671	8465	4 2.56464930018304e-97
MV_Schw	A	15672	1483	1 1.29843789554910e-16
MV_Schw	A	15673	1138	1 2.03359517041751e-12
MV_Schw	A	15674	738	0 1.01890032122442e-08
MV_Schw	C	15675	14763	2 .13146108320965e-182
MV_Schw	A	15676	738	1 2.18890405228774e-07
MV_Schw	G	15677	3975	3 2.05870352806244e-42
MV_Schw	A	15678	3636	1 3.62444160923181e-44
MV_Schw	T	15679	3455	1 7.59988633582408e-42
MV_Schw	T	15680	742	0 6.53384218923541e-09
MV_Schw	A	15681	1116	1 4.42536449101882e-12
MV_Schw	T	15682	2126	2 4.29210597337969e-22
MV_Schw	T	15683	1021	0 2.27653643184608e-12
MV_Schw	A	15684	10250	1 .29232864777922e-127
MV_Schw	T	15685	2091	1 2.52389746041873e-24
MV_Schw	G	15686	2661	0 1.96068545159088e-33
MV_Schw	A	15687	2221	1 5.69798700733499e-26
MV_Schw	C	15688	13281	2 .85118088422655e-164
MV_Schw	G	15689	2221	1 5.69798700733499e-26
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MV_Schw	G	15692	1376	1 2.51036955986335e-15
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MV_Schw	G	15694	13606	14 .84930648593281e-141

MV_Schw	T	15695	1895	1 1.76081042729344e-20
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MV_Schw	G	15698	12903	3 .45468469288681e-157
MV_Schw	A	15699	1948	1 1.60221251718408e-22
MV_Schw	A	15700	2738	2 1.09341563418471e-29
MV_Schw	A	15701	2409	0 2.60356416535989e-30
MV_Schw	C	15702	13093	11 .24446677974887e-141
MV_Schw	G	15703	2409	1 5.40054277233111e-27
MV_Schw	T	15704	1149	0 4.94429651199561e-14
MV_Schw	G	15705	2953	2 2.94177793197155e-32
MV_Schw	A	15706	609	1 8.7911389925776e-06
MV_Schw	G	15707	5360	5 6.65584395340333e-57
MV_Schw	T	15708	6676	2 1.30856237618185e-79
MV_Schw	G	15709	5277	1 2.38498396389019e-63
MV_Schw	G	15710	6979	3 3.94766286556122e-80
MV_Schw	G	15711	8523	4 3.82286803493495e-98
MV_Schw	T	15712	1043	1 4.63871118850544e-10
MV_Schw	T	15713	10711	3 .67521205771801e-129
MV_Schw	T	15714	944	0 2.220022190189e-11
MV_Schw	T	15715	688	1 7.98850177308621e-06
MV_Schw	T	15716	432	0 6.01062123097195e-05
MV_Schw	A	15717	1221	0 4.93556683770453e-15
MV_Schw	A	15718	452	0 4.30521864965118e-05
MV_Schw	G	15719	465	0 2.97770659573949e-05
MV_Schw	G	15720	2750	1 3.06553298775866e-31
MV_Schw	T	15721	1147	1 1.37952923390903e-12
MV_Schw	A	15722	194	0 0.0651851006268349
MV_Schw	A	15723	76	0 0.638894311640422
MV_Schw	C	15724	1269	0 1.71562179961932e-15
MV_Schw	A	15725	444	0 4.12554725936372e-05
MV_Schw	G	15726	2754	1 3.13897432679864e-31
MV_Schw	T	15727	153	0 0.169696698380260
MV_Schw	C	15728	942	1 5.43280828460996e-10
MV_Schw	A	15729	1316	0 3.50283869427904e-16
MV_Schw	A	15730	955	1 3.76457667464436e-10

MV_Schw	G	15731	8157	1 .93605278874475e-100
MV_Schw	G	15732	1004	0 3.18422806461459e-12
MV_Schw	A	15733	161	0 0.119516505590852
MV_Schw	G	15734	612	0 2.96181756638407e-07
MV_Schw	A	15735	134	0 0.222853068696264
MV_Schw	C	15736	890	0 9.9597307099571e-11
MV_Schw	C	15737	3535	3 6.51220261238597e-37
MV_Schw	A	15738	3533	1 4.47219904471139e-41
MV_Schw	A	15739	357	0 0.000585612254721831
MV_Schw	A	15740	515	0 6.41254714073729e-06
MV_Schw	G	15741	9409	1 .14182374550723e-116
MV_Schw	A	15742	345	0 0.000854432789380146
MV_Schw	A	15743	448	0 4.16666940636495e-05
MV_Schw	T	15744	1085	0 3.3268996690475e-13
MV_Schw	G	15745	2221	1 5.69798700733499e-26
MV_Schw	G	15746	1434	1 3.68200191284959e-16
MV_Schw	T	15747	694	1 6.30075740030939e-07
MV_Schw	A	15748	1211	0 7.28285131302908e-15
MV_Schw	T	15749	702	0 3.32019941237771e-08
MV_Schw	A	15750	186	0 0.0611551441006359
MV_Schw	A	15751	1231	0 5.35847267424091e-15
MV_Schw	G	15752	3897	1 1.15286725926223e-45
MV_Schw	T	15753	504	1 0.000102077005031043
MV_Schw	T	15754	800	1 3.32019941237771e-08
MV_Schw	A	15755	758	1 9.88655415781707e-08
MV_Schw	G	15756	14744	13 .45468469288681e-157
MV_Schw	T	15757	758	0 4.46122942299148e-09
MV_Schw	C	15758	14744	5 .66944350871421e-173
MV_Schw	G	15759	758	1 9.88655415781707e-08
MV_Schw	G	15760	3064	0 8.21916254665585e-39
MV_Schw	A	15761	2318	0 3.76082749000994e-29
MV_Schw	T	15762	2680	0 8.43144350870855e-34
MV_Schw	A	15763	1134	0 7.06627587697053e-14
MV_Schw	C	15764	2355	0 1.19046134531737e-29
MV_Schw	A	15765	562	0 1.35347886865167e-06
MV_Schw	G	15766	2926	1 4.60326300784119e-35

MV_Schw	T	15767	824	0	6.670184087413e-10
MV_Schw	G	15768	1141	1	2.09603951893057e-12
MV_Schw	C	15769	6459	3	1.43992799263419e-73
MV_Schw	C	15770	2376	1	6.02189467572319e-28
MV_Schw	C	15771	8056	0	.74375658359506e-103
MV_Schw	T	15772	1265	1	4.78339665353882e-14
MV_Schw	G	15773	2333	0	2.59843691596567e-29
MV_Schw	A	15774	1484	1	8.2192577664273e-17
MV_Schw	T	15775	1324	0	2.34469629054453e-16
MV_Schw	T	15776	1928	0	3.668316480965e-24
MV_Schw	A	15777	266	0	0.00770605171892268
MV_Schw	A	15778	229	0	0.0226023994581542
MV_Schw	G	15779	3709	3	5.32863980756963e-39
MV_Schw	G	15780	6300	0	1.26450122024779e-80
MV_Schw	A	15781	161	0	0.119516505590852
MV_Schw	C	15782	2231	0	5.62394803842332e-28
MV_Schw	T	15783	103	0	0.37877131423274
MV_Schw	A	15784	442	0	6.5293982278993e-05
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MV_Schw	T	15786	610	0	4.71258185709977e-07
MV_Schw	T	15787	1132	0	7.01279171988479e-14
MV_Schw	G	15788	1870	1	3.7234390159465e-20
MV_Schw	G	15789	2477	2	1.89496836347045e-26
MV_Schw	T	15790	622	0	3.17009982605109e-07
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MV_Schw	G	15792	1928	3	1.76655131501837e-18
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MV_Schw	A	15794	359	0	.000592673955321161
MV_Schw	C	15795	9424	9	3.82403457226831e-98
MV_Schw	T	15796	919	1	1.89974641019491e-08
MV_Schw	C	15797	3748	1	1.16486266627510e-45
MV_Schw	C	15798	3977	1	1.24893153691288e-46
MV_Schw	G	15799	11525	3	.78824317388073e-138
MV_Schw	G	15800	3977	27	1.87405953486337e-15
MV_Schw	A	15801	1145	0	4.82752944537975e-14
MV_Schw	A	15802	3194	1	8.31116717306978e-37

MV_Schw	C	15803	5324	0 6.09391802873352e-68
MV_Schw	C	15804	1159	0 3.30433304089073e-14
MV_Schw	C	15805	3577	1 2.58736475179177e-43
MV_Schw	T	15806	413	0 0.000133300218778950
MV_Schw	A	15807	3601	1 1.17483476001736e-43
MV_Schw	A	15808	3634	1 3.61233418019163e-44
MV_Schw	T	15809	6378	1 2.05603671975324e-77
MV_Schw	C	15810	3924	0 6.02695415019885e-50
MV_Schw	C	15811	1548	0 3.60885625981918e-19
MV_Schw	T	15812	281	0 0.0054651270080729
MV_Schw	G	15813	15221	5 .34022921562025e-179
MV_Schw	C	15814	281	7 1
MV_Schw	C	15815	1820	1 7.1738075641003e-21
MV_Schw	C	15816	938	1 5.39000209393764e-10
MV_Schw	T	15817	145	0 0.161503851613234
MV_Schw	A	15818	159	0 0.118907467124559
MV_Schw	G	15819	760	1 9.96079130053354e-08
MV_Schw	G	15820	1585	1 1.38977971358033e-16
MV_Schw	T	15821	198	0 0.0437447203304695
MV_Schw	G	15822	283	0 0.00556765375547531
MV_Schw	G	15823	393	0 0.000187001822184258
MV_Schw	T	15824	196	0 0.0437133877334182
MV_Schw	T	15825	132	1 0.983041048229953
MV_Schw	A	15826	362	0 0.000616568881242944
MV_Schw	G	15827	347	1 0.00709075117762907
MV_Schw	G	15828	295	0 0.00380085379408682
MV_Schw	C	15829	1107	3 7.32743644060239e-09
MV_Schw	A	15830	919	1 1.17074507218211e-09
MV_Schw	T	15831	89	0 0.497615650989996
MV_Schw	T	15832	147	0 0.162686550333688
MV_Schw	A	15833	124	1 0.791667533131283
MV_Schw	T	15834	254	0 0.0111350404952786
MV_Schw	T	15835	54	0 0.950262622850522
MV_Schw	T	15836	256	0 0.0113006909548612
MV_Schw	G	15837	702	1 5.6152308324071e-06
MV_Schw	C	15838	1405	3 3.28208046953693e-12

MV_Schw	A	15839	729	1	2.06497902518973e-07
MV_Schw	A	15840	76	1	1
MV_Schw	T	15841	205	0	0.0461495798537483
MV_Schw	A	15842	12	0	1
MV_Schw	T	15843	27	0	1
MV_Schw	A	15844	47	0	1
MV_Schw	T	15845	45	0	1
MV_Schw	T	15846	23	0	1
MV_Schw	A	15847	37	0	1
MV_Schw	A	15848	180	0	0.090192830807046
MV_Schw	A	15849	16	0	1
MV_Schw	G	15850	436	0	6.10735657108213e-05
MV_Schw	A	15851	41	0	1
MV_Schw	A	15852	8	0	1
MV_Schw	A	15853	48	0	0.950262622850522
MV_Schw	A	15854	17	0	1
MV_Schw	C	15855	907	1	1.72383812455390e-09
MV_Schw	T	15856	27	0	1
MV_Schw	T	15857	70	1	1
MV_Schw	T	15858	217	0	0.0324730952235072
MV_Schw	G	15859	510	0	6.20756007436501e-06
MV_Schw	A	15860	64	0	0.789229943133706
MV_Schw	A	15861	174	0	0.086185329188849
MV_Schw	A	15862	254	0	0.0111350404952786
MV_Schw	A	15863	41	0	1
MV_Schw	T	15864	248	0	0.0109464716562247
MV_Schw	A	15865	99	0	0.509396577320122
MV_Schw	C	15866	1021	1	5.85778760074233e-11
MV_Schw	G	15867	977	1	1.76210449604909e-10
MV_Schw	A	15868	72	0	0.791667533131283
MV_Schw	A	15869	1434	1	3.68200191284959e-16
MV_Schw	G	15870	550	1	0.000258707850272448
MV_Schw	T	15871	97	0	0.503192867159235
MV_Schw	T	15872	132	1	0.983041048229953
MV_Schw	T	15873	2725	1	6.49796247773351e-31
MV_Schw	C	15874	12777	15	0.05796106579061e-129

MV_Schw	T	15875	816	0	1.02964970836016e-09
MV_Schw	A	15876	984	1	1.82320496414826e-10
MV_Schw	T	15877	215	0	0.0320573639632113
MV_Schw	T	15878	58	0	0.953489044526869
MV_Schw	C	15879	8	0	1
MV_Schw	C	15880	174	1	0.344829637188882
MV_Schw	C	15881	171	0	0.0850400511116103
MV_Schw	A	15882	647	1	2.90812074462522e-06
MV_Schw	G	15883	248	0	0.0109464716562247
MV_Schw	C	15884	37	0	1
MV_Schw	T	15885	10	0	1
MV_Schw	T	15886	4	0	1
MV_Schw	NA	15887	0	0	NA
MV_Schw	G	15888	25	0	1
MV_Schw	NA	15889	0	0	NA
MV_Schw	C	15890	16	0	1
MV_Schw	T	15891	8	0	1
MV_Schw	G	15892	4	1	0.619556855087002
MV_Schw	G	15893	2	1	0.0802641948298692
MV_Schw	T	15894	12	0	1