

Table S1. Table showing the list of contigs formed by pooling six libraries. The table contains the

Contig ID number	Contig leng	Coverage	P18 - Rep1	P18 - Rep2	T3 - Rep1
CONTIG-000001	148	185	177	1076	2
CONTIG-000002	91	14	17	35	0
CONTIG-000003	167	47	40	286	0
CONTIG-000004	191	9	15	31	0
CONTIG-000005	59	327	1298	271	0
CONTIG-000006	70	865	5253	0	0
CONTIG-000007	186	323	840	1033	233
CONTIG-000008	452	48	367	840	0
CONTIG-000009	48	1449	2102	212	26
CONTIG-000010	208	385	2826	1152	160
CONTIG-000015	613	18	79	360	0
CONTIG-000016	791	26	1267	420	0
CONTIG-000017	44	1046	1594	73	375
CONTIG-000018	127	165	2154	0	0
CONTIG-000019	114	549	943	1026	154
CONTIG-000020	116	24	13	27	2
CONTIG-000021	750	260	687	6725	636
CONTIG-000030	354	208	2975	738	101
CONTIG-000031	970	17	217	735	0
CONTIG-000032	215	799	4688	1599	211
CONTIG-000033	114	9	28	19	0
CONTIG-000034	105	7	20	13	0
CONTIG-000035	1310	26	613	720	10
CONTIG-000036	369	10	11	0	18
CONTIG-000037	108	1324	5875	2021	223
CONTIG-000038	192	698	4343	949	80
CONTIG-000039	648	29	77	700	0
CONTIG-000040	1092	137	10563	2174	22
CONTIG-000041	449	348	13004	2416	0
CONTIG-000042	117	7	0	29	0
CONTIG-000043	317	35	200	306	9
CONTIG-000044	382	54	78	1035	0
CONTIG-000045	135	29	322	54	0
CONTIG-000046	114	7	27	14	0
CONTIG-000056	1073	56	688	1353	44
CONTIG-000057	177	207	437	1461	4
CONTIG-000058	239	21	84	145	0
CONTIG-000059	476	434	13051	4381	7
CONTIG-000060	151	64	933	0	0
CONTIG-000061	785	70	4057	961	0
CONTIG-000062	171	478	7013	0	26
CONTIG-000063	90	324	2359	163	0
CONTIG-000064	447	321	2951	3180	252
CONTIG-000067	438	38	136	249	13
CONTIG-000068	166	168	1172	285	0

CONTIG-000069	911	77	673	2106	235
CONTIG-000071	132	62	185	28	0
CONTIG-000072	161	25	187	70	0
CONTIG-000075	885	20	619	461	0
CONTIG-000076	84	15	13	33	0
CONTIG-000077	475	48	1473	405	0
CONTIG-000078	96	5	6	8	0
CONTIG-000079	129	874	540	4356	143
CONTIG-000080	76	646	484	977	95
CONTIG-000081	1240	54	2361	2751	0
CONTIG-000082	110	14	42	31	0
CONTIG-000083	85	9	2	23	0
CONTIG-000090	176	15	17	82	0
CONTIG-000091	262	113	2852	2	7
CONTIG-000092	48	611	2486	42	0
CONTIG-000093	458	88	3142	625	0
CONTIG-000094	171	185	3377	162	0
CONTIG-000095	413	13	126	55	0
CONTIG-000096	258	17	129	113	0
CONTIG-000097	580	14	40	308	2
CONTIG-000101	1500	105	4779	4139	322
CONTIG-000102	187	335	220	2049	112
CONTIG-000103	525	12	49	126	0
CONTIG-000111	92	10	15	23	0
CONTIG-000112	569	14	102	189	2
CONTIG-000118	156	16	12	56	0
CONTIG-000119	119	59	694	0	2
CONTIG-000130	592	87	1928	1918	12
CONTIG-000133	396	54	101	1182	2
CONTIG-000134	62	240	116	456	0
CONTIG-000135	73	10	23	9	0
CONTIG-000136	512	22	111	269	6
CONTIG-000137	89	21	114	0	0
CONTIG-000139	96	9	22	14	0
CONTIG-000140	745	13	43	315	6
CONTIG-000141	128	74	914	0	0
CONTIG-000142	334	9	53	63	0
CONTIG-000143	94	20	5	26	0
CONTIG-000145	176	249	2173	329	40
CONTIG-000147	273	392	2092	1737	101
CONTIG-000149	641	64	617	1138	28
CONTIG-000156	126	60	664	0	14
CONTIG-000164	744	133	1965	3818	8
CONTIG-000165	969	105	555	6009	2
CONTIG-000166	685	40	193	697	27
CONTIG-000167	191	416	4337	767	77
CONTIG-000168	229	8	48	48	0

CONTIG-000169	203	8	38	43	0
CONTIG-000170	65	814	3982	865	0
CONTIG-000171	51	757	3090	87	0
CONTIG-000178	219	257	2148	157	8
CONTIG-000179	1661	81	5891	5538	0
CONTIG-000180	397	733	2408	13011	180
CONTIG-000181	274	71	369	389	5
CONTIG-000182	86	7	4	22	0
CONTIG-000183	464	67	744	1210	0
CONTIG-000184	243	102	1354	272	14
CONTIG-000187	141	559	4514	2046	0
CONTIG-000188	589	28	268	500	0
CONTIG-000189	243	13	34	82	0
CONTIG-000190	403	13	24	211	0
CONTIG-000195	676	26	266	849	2
CONTIG-000196	1747	94	1244	4070	399
CONTIG-000197	596	317	2641	2728	904
CONTIG-000201	594	112	1875	1930	25
CONTIG-000202	330	28	249	423	0
CONTIG-000205	976	63	4228	1071	2
CONTIG-000210	243	675	3619	3941	153
CONTIG-000211	363	13	82	139	0
CONTIG-000212	1017	14	105	739	0
CONTIG-000213	58	94	98	165	6
CONTIG-000214	494	21	391	157	2
CONTIG-000215	63	4	10	0	0
CONTIG-000216	1027	173	3025	8269	161
CONTIG-000217	116	62	456	48	0
CONTIG-000218	969	56	164	3112	0
CONTIG-000221	396	490	591	0	4631
CONTIG-000222	852	32	382	653	2
CONTIG-000223	652	137	2467	2352	35
CONTIG-000224	415	93	350	1780	0
CONTIG-000226	91	12	0	43	0
CONTIG-000227	54	22	0	38	0
CONTIG-000228	2041	225	7978	23012	61
CONTIG-000229	172	571	2870	1403	179
CONTIG-000230	69	5	5	0	0
CONTIG-000231	179	166	1661	37	4
CONTIG-000232	174	318	1745	546	84
CONTIG-000234	329	517	2884	3868	342
CONTIG-000235	71	6	10	9	0
CONTIG-000236	275	476	689	3754	298
CONTIG-000237	246	8	17	53	0
CONTIG-000238	349	159	5412	323	6
CONTIG-000239	224	30	114	240	0
CONTIG-000240	185	29	508	0	0

CONTIG-000241	275	425	1669	1329	175
CONTIG-000244	615	15	64	442	2
CONTIG-000247	648	164	4588	3903	2
CONTIG-000249	205	540	1944	2135	202
CONTIG-000250	436	56	245	571	2
CONTIG-000251	299	39	499	137	4
CONTIG-000252	79	681	2667	20	20
CONTIG-000253	159	439	1025	2720	12
CONTIG-000254	471	9	24	95	3
CONTIG-000255	166	3	22	2	0
CONTIG-000264	356	187	2544	1114	25
CONTIG-000265	190	37	209	214	0
CONTIG-000266	187	443	4333	481	97
CONTIG-000267	291	7	2	68	0
CONTIG-000268	109	448	795	2037	2
CONTIG-000271	946	20	259	573	7
CONTIG-000272	1032	24	379	495	2
CONTIG-000273	65	15	77	5	0
CONTIG-000274	350	21	103	223	0
CONTIG-000276	52	2001	245	1442	464
CONTIG-000277	347	360	827	3016	240
CONTIG-000278	160	4	15	6	0
CONTIG-000279	36	1203	2777	569	2
CONTIG-000287	63	749	461	729	61
CONTIG-000289	145	5	3	27	0
CONTIG-000291	444	188	521	3225	293
CONTIG-000292	164	8	20	7	2
CONTIG-000293	900	24	1455	341	2
CONTIG-000294	454	21	10	439	0
CONTIG-000295	49	85	86	61	2
CONTIG-000296	256	8	74	18	0
CONTIG-000297	120	16	179	2	0
CONTIG-000298	663	22	481	385	0
CONTIG-000299	389	135	497	1734	150
CONTIG-000306	298	79	425	600	2
CONTIG-000307	512	207	104	4534	521
CONTIG-000308	88	7	7	27	0
CONTIG-000309	812	48	2808	5	2
CONTIG-000310	213	132	346	345	43
CONTIG-000311	490	16	70	238	0
CONTIG-000312	186	5	2	33	0
CONTIG-000313	656	23	145	450	6
CONTIG-000314	745	117	2116	3142	2
CONTIG-000315	1038	19	122	1018	0
CONTIG-000318	237	12	30	54	2
CONTIG-000319	295	115	615	709	0
CONTIG-000320	491	175	5672	1803	5

CONTIG-000321	325	32	141	482	2
CONTIG-000322	149	513	2114	475	84
CONTIG-000323	124	4	3	14	0
CONTIG-000324	214	11	21	45	0
CONTIG-000325	193	603	6416	1263	58
CONTIG-000326	694	10	10	174	10
CONTIG-000327	701	20	85	446	10
CONTIG-000328	43	505	151	499	23
CONTIG-000329	119	408	378	982	64
CONTIG-000330	1108	128	2387	2636	241
CONTIG-000331	1362	189	4138	5320	838
CONTIG-000341	574	74	4046	225	0
CONTIG-000342	602	26	540	407	4
CONTIG-000343	196	164	1201	348	100
CONTIG-000344	1223	27	1176	1228	0
CONTIG-000345	124	52	101	265	0
CONTIG-000346	489	200	4400	1510	13
CONTIG-000350	62	126	616	62	0
CONTIG-000351	382	12	31	193	2
CONTIG-000352	190	907	2924	3591	268
CONTIG-000353	188	492	2312	1813	252
CONTIG-000355	500	16	94	301	3
CONTIG-000356	415	34	284	325	2
CONTIG-000357	253	217	2177	482	69
CONTIG-000360	2197	27	136	1774	91
CONTIG-000361	62	18	105	2	0
CONTIG-000362	748	34	333	1043	2
CONTIG-000363	352	779	10580	5412	222
CONTIG-000364	781	128	1864	3712	0
CONTIG-000365	914	58	2512	950	28
CONTIG-000366	277	49	610	400	2
CONTIG-000367	333	64	464	469	0
CONTIG-000368	529	13	168	159	0
CONTIG-000369	613	39	644	796	14
CONTIG-000370	215	46	35	130	0
CONTIG-000371	49	777	168	1010	77
CONTIG-000380	318	15	271	38	0
CONTIG-000381	566	79	214	2015	43
CONTIG-000384	149	1191	4500	760	291
CONTIG-000385	199	13	8	76	0
CONTIG-000386	87	825	558	932	166
CONTIG-000388	60	224	47	391	26
CONTIG-000389	265	530	3589	2508	217
CONTIG-000390	1728	39	2174	1732	49
CONTIG-000391	2109	26	63	2619	2
CONTIG-000392	152	8	14	19	0
CONTIG-000393	82	5	6	13	0

CONTIG-000394	46	1056	1054	583	41
CONTIG-000395	1227	43	608	2694	2
CONTIG-000396	79	61	106	50	0
CONTIG-000397	134	8	12	16	0
CONTIG-000398	688	50	627	1416	0
CONTIG-000399	652	125	2629	1884	61
CONTIG-000400	273	310	3379	863	146
CONTIG-000401	189	177	87	883	132
CONTIG-000402	38	974	264	576	4
CONTIG-000403	118	1101	1258	1954	183
CONTIG-000404	580	68	127	1024	64
CONTIG-000405	279	11	107	37	0
CONTIG-000414	447	148	601	2158	5
CONTIG-000415	1944	46	452	3002	118
CONTIG-000416	1127	52	427	980	240
CONTIG-000417	155	592	1060	2276	303
CONTIG-000418	92	11	41	8	0
CONTIG-000419	225	160	858	935	15
CONTIG-000420	985	11	6	305	0
CONTIG-000421	327	409	11825	903	23
CONTIG-000422	83	153	995	0	0
CONTIG-000423	231	11	31	67	0
CONTIG-000427	172	19	118	34	0
CONTIG-000428	514	71	306	1150	32
CONTIG-000429	269	24	115	187	2
CONTIG-000430	453	23	54	251	20
CONTIG-000431	618	43	404	787	0
CONTIG-000435	1936	63	574	2749	154
CONTIG-000436	453	15	453	110	0
CONTIG-000437	638	44	158	742	7
CONTIG-000438	80	74	626	9	0
CONTIG-000439	648	32	854	310	13
CONTIG-000441	157	289	4523	116	0
CONTIG-000442	60	828	1140	1337	35
CONTIG-000443	77	376	102	869	139
CONTIG-000445	450	156	898	1433	95
CONTIG-000446	135	1076	3869	2320	171
CONTIG-000450	121	103	1050	155	0
CONTIG-000451	145	13	184	4	0
CONTIG-000455	756	40	312	524	7
CONTIG-000456	80	132	697	70	0
CONTIG-000457	2122	43	1052	3574	32
CONTIG-000458	77	29	91	46	0
CONTIG-000459	395	61	1237	412	4
CONTIG-000460	858	96	1499	1478	84
CONTIG-000463	333	128	956	565	14
CONTIG-000464	67	10	22	2	0

CONTIG-000465	1201	70	574	2948	224
CONTIG-000466	284	45	142	436	2
CONTIG-000468	1085	75	1483	2004	216
CONTIG-000469	730	15	204	219	2
CONTIG-000470	1659	31	630	1836	6
CONTIG-000471	302	416	4407	2319	198
CONTIG-000472	705	45	703	1361	2
CONTIG-000482	266	52	178	562	0
CONTIG-000483	276	13	22	119	0
CONTIG-000484	66	395	1248	592	0
CONTIG-000485	68	4	9	4	0
CONTIG-000486	138	14	32	52	0
CONTIG-000487	187	31	58	137	0
CONTIG-000488	205	6	6	13	0
CONTIG-000489	100	809	1772	1687	145
CONTIG-000490	73	1343	2905	3658	34
CONTIG-000491	231	35	70	298	4
CONTIG-000493	987	50	164	1637	137
CONTIG-000494	179	84	233	172	8
CONTIG-000496	111	149	928	11	2
CONTIG-000497	132	880	3250	2324	212
CONTIG-000499	521	24	229	342	2
CONTIG-000500	41	2412	525	32	1372
CONTIG-000501	320	12	57	37	0
CONTIG-000502	92	119	362	3	0
CONTIG-000506	133	9	35	30	0
CONTIG-000507	262	527	1481	2678	549
CONTIG-000508	469	230	3908	2045	24
CONTIG-000509	110	122	152	209	14
CONTIG-000510	816	43	595	56	168
CONTIG-000511	279	6	26	43	0
CONTIG-000512	897	15	380	409	0
CONTIG-000513	567	28	577	647	0
CONTIG-000514	179	30	92	67	0
CONTIG-000515	1424	96	4612	4684	150
CONTIG-000516	37	462	38	0	0
CONTIG-000517	130	8	70	8	0
CONTIG-000518	1061	27	506	1098	5
CONTIG-000519	417	219	8839	0	15
CONTIG-000520	70	7	5	18	0
CONTIG-000521	78	11	4	33	0
CONTIG-000522	312	16	52	139	2
CONTIG-000523	654	89	4	0	428
CONTIG-000524	273	10	48	76	0
CONTIG-000525	523	43	545	554	2
CONTIG-000526	251	16	80	72	0
CONTIG-000527	826	24	101	310	0

CONTIG-000528	125	368	1189	340	63
CONTIG-000529	214	817	7939	2636	188
CONTIG-000530	186	9	14	49	0
CONTIG-000535	84	118	23	119	206
CONTIG-000536	1200	37	1150	716	68
CONTIG-000537	849	31	1052	723	0
CONTIG-000538	64	10	9	0	0
CONTIG-000539	596	180	7257	1877	3
CONTIG-000540	110	9	9	13	0
CONTIG-000541	1463	31	254	1272	60
CONTIG-000542	339	284	2463	3211	38
CONTIG-000543	794	18	70	648	0
CONTIG-000544	270	404	1407	1889	243
CONTIG-000545	681	54	260	1383	15
CONTIG-000546	936	43	1976	801	6
CONTIG-000547	136	7	28	26	0
CONTIG-000548	141	28	119	25	0
CONTIG-000549	351	8	23	91	0
CONTIG-000550	335	550	2540	3807	297
CONTIG-000551	1314	18	224	638	4
CONTIG-000552	585	8	22	124	0
CONTIG-000553	245	14	65	104	2
CONTIG-000554	1372	55	873	3034	6
CONTIG-000555	454	109	4548	0	44
CONTIG-000556	178	11	116	26	0
CONTIG-000557	146	15	65	44	0
CONTIG-000558	1138	37	139	1051	46
CONTIG-000559	485	110	974	1780	0
CONTIG-000560	111	12	16	55	0
CONTIG-000561	457	14	11	281	0
CONTIG-000562	715	223	2756	6951	80
CONTIG-000563	83	7	12	0	0
CONTIG-000564	66	5	5	8	0
CONTIG-000565	387	82	492	819	8
CONTIG-000566	684	80	855	1224	0
CONTIG-000567	567	34	98	809	0
CONTIG-000568	71	232	497	345	9
CONTIG-000570	54	639	214	661	89
CONTIG-000571	116	28	111	54	0
CONTIG-000572	118	18	121	34	0
CONTIG-000573	334	18	54	189	0
CONTIG-000574	192	160	691	414	16
CONTIG-000575	1417	75	1814	5017	8
CONTIG-000576	497	29	818	285	0
CONTIG-000577	689	45	190	758	46
CONTIG-000578	523	8	32	51	0
CONTIG-000579	92	12	77	0	0

CONTIG-000580	875	41	1100	589	18
CONTIG-000581	98	25	54	12	0
CONTIG-000588	1380	15	159	424	38
CONTIG-000589	1968	51	401	5842	0
CONTIG-000591	644	14	322	182	0
CONTIG-000592	847	59	1900	0	50
CONTIG-000601	186	17	38	88	0
CONTIG-000602	2602	31	129	2690	33
CONTIG-000603	190	40	134	241	2
CONTIG-000604	201	317	17	15	0
CONTIG-000605	150	19	44	117	0
CONTIG-000608	43	40	75	17	0
CONTIG-000609	97	650	1761	1079	126
CONTIG-000610	841	25	116	589	8
CONTIG-000611	879	67	177	2659	105
CONTIG-000612	418	11	86	136	0
CONTIG-000615	365	445	1697	3654	312
CONTIG-000616	1062	35	509	1552	0
CONTIG-000617	437	24	1038	54	0
CONTIG-000618	37	460	298	129	25
CONTIG-000619	285	78	1693	331	0
CONTIG-000620	664	28	100	941	0
CONTIG-000621	141	12	21	56	2
CONTIG-000622	525	56	677	1108	5
CONTIG-000623	259	113	676	604	27
CONTIG-000626	222	708	1875	2810	401
CONTIG-000627	271	244	2456	752	81
CONTIG-000628	305	9	16	76	0
CONTIG-000629	152	314	2983	98	11
CONTIG-000630	351	6	60	26	0
CONTIG-000631	67	4	2	0	0
CONTIG-000632	76	349	329	738	0
CONTIG-000635	587	59	216	999	27
CONTIG-000636	2002	47	1111	4603	7
CONTIG-000637	498	108	1040	805	69
CONTIG-000638	101	122	590	186	0
CONTIG-000640	477	30	159	193	0
CONTIG-000641	544	94	639	1589	75
CONTIG-000642	465	272	2173	4836	4
CONTIG-000643	501	10	31	137	0
CONTIG-000644	1383	83	2160	4644	21
CONTIG-000645	149	6	4	26	0
CONTIG-000647	315	6	6	55	2
CONTIG-000649	58	26	44	72	0
CONTIG-000650	523	37	125	1082	0
CONTIG-000651	60	5	10	0	0
CONTIG-000652	1210	34	838	1124	52

CONTIG-000653	431	219	190	2377	281
CONTIG-000654	160	60	405	78	2
CONTIG-000655	64	4	4	13	0
CONTIG-000656	701	16	84	536	0
CONTIG-000657	1542	29	534	1549	7
CONTIG-000658	303	27	105	307	2
CONTIG-000659	1904	40	1496	3209	0
CONTIG-000666	96	174	972	66	0
CONTIG-000667	291	14	183	85	0
CONTIG-000675	54	688	351	769	68
CONTIG-000676	1539	90	1295	4387	189
CONTIG-000677	1695	30	1447	1251	4
CONTIG-000680	346	198	2625	502	46
CONTIG-000681	718	21	57	26	244
CONTIG-000682	69	9	2	5	0
CONTIG-000683	1261	48	1377	1259	22
CONTIG-000684	1210	55	943	2274	21
CONTIG-000697	177	36	544	0	8
CONTIG-000700	258	143	2525	100	4
CONTIG-000701	369	18	171	182	0
CONTIG-000703	89	15	45	8	0
CONTIG-000704	374	509	4293	3262	495
CONTIG-000705	114	15	10	36	0
CONTIG-000706	546	19	85	218	2
CONTIG-000707	151	571	946	1879	160
CONTIG-000711	365	716	7839	3964	377
CONTIG-000712	68	17	5	57	0
CONTIG-000713	370	13	74	117	2
CONTIG-000714	351	37	1077	109	0
CONTIG-000715	1133	30	206	1065	104
CONTIG-000722	804	16	87	496	0
CONTIG-000723	88	492	3877	308	0
CONTIG-000724	828	21	63	596	11
CONTIG-000727	68	6	15	7	0
CONTIG-000728	470	65	1082	647	11
CONTIG-000729	101	10	21	18	0
CONTIG-000731	1025	102	840	3136	139
CONTIG-000732	300	43	584	202	2
CONTIG-000733	351	30	104	299	2
CONTIG-000734	1673	27	671	1830	8
CONTIG-000735	682	31	459	666	10
CONTIG-000736	356	14	98	118	0
CONTIG-000737	1730	46	1757	1604	42
CONTIG-000738	657	61	411	934	15
CONTIG-000745	1608	50	567	2736	56
CONTIG-000746	578	31	123	512	8
CONTIG-000747	577	122	2851	1338	27

CONTIG-000748	201	18	99	24	0
CONTIG-000749	131	11	6	35	0
CONTIG-000750	263	420	2056	2363	306
CONTIG-000751	187	13	22	91	0
CONTIG-000752	417	35	976	208	0
CONTIG-000753	152	20	102	25	0
CONTIG-000754	634	30	70	650	2
CONTIG-000755	1803	50	2896	2298	30
CONTIG-000758	530	27	195	523	2
CONTIG-000759	187	83	230	603	9
CONTIG-000760	557	80	607	715	110
CONTIG-000761	1655	47	332	2418	12
CONTIG-000763	85	160	912	68	0
CONTIG-000764	171	104	1545	0	4
CONTIG-000769	63	3	4	2	0
CONTIG-000770	141	133	953	173	0
CONTIG-000771	73	8	20	5	0
CONTIG-000772	206	74	1464	0	2
CONTIG-000774	168	4	4	0	3
CONTIG-000775	282	23	40	216	0
CONTIG-000776	356	184	648	1739	331
CONTIG-000777	658	157	5579	3242	0
CONTIG-000778	95	10	5	7	0
CONTIG-000779	91	3	10	7	0
CONTIG-000780	158	21	140	40	0
CONTIG-000788	449	82	400	894	18
CONTIG-000789	680	39	0	0	259
CONTIG-000790	244	149	1102	1613	3
CONTIG-000791	888	39	465	666	0
CONTIG-000792	187	275	3014	911	0
CONTIG-000793	492	711	9814	4434	743
CONTIG-000794	108	77	174	38	4
CONTIG-000795	1318	24	314	1075	0
CONTIG-000797	128	466	1125	1176	111
CONTIG-000798	305	116	563	1714	0
CONTIG-000799	121	9	21	20	0
CONTIG-000800	380	52	460	86	2
CONTIG-000804	285	176	427	775	36
CONTIG-000807	328	12	196	56	0
CONTIG-000808	104	7	19	16	0
CONTIG-000809	86	19	54	13	2
CONTIG-000810	624	39	240	679	12
CONTIG-000811	67	33	66	62	0
CONTIG-000812	408	13	105	160	0
CONTIG-000813	980	20	732	388	2
CONTIG-000814	356	7	25	64	0
CONTIG-000815	863	90	1329	2675	104

CONTIG-000816	840	18	303	337	8
CONTIG-000817	419	45	883	506	2
CONTIG-000818	55	1247	636	451	45
CONTIG-000820	321	87	1475	677	0
CONTIG-000821	1227	29	139	1016	44
CONTIG-000822	65	690	363	1003	129
CONTIG-000823	755	11	60	178	0
CONTIG-000824	987	26	231	604	2
CONTIG-000825	138	15	17	61	0
CONTIG-000826	788	21	41	573	4
CONTIG-000827	354	431	1558	2946	366
CONTIG-000828	262	269	1245	1243	105
CONTIG-000829	1766	43	3135	1878	9
CONTIG-000830	771	26	240	750	2
CONTIG-000831	141	67	79	193	4
CONTIG-000833	496	13	77	156	0
CONTIG-000843	660	92	2092	2370	19
CONTIG-000844	1570	33	553	1623	47
CONTIG-000848	631	16	488	126	6
CONTIG-000849	4336	38	231	8750	86
CONTIG-000850	316	295	1075	2015	301
CONTIG-000851	565	32	916	382	0
CONTIG-000854	89	324	1531	669	0
CONTIG-000855	254	342	5096	949	0
CONTIG-000856	95	44	90	38	0
CONTIG-000857	68	3	2	3	0
CONTIG-000858	175	33	133	257	0
CONTIG-000859	492	26	581	334	0
CONTIG-000860	489	17	110	114	2
CONTIG-000863	983	108	1593	5195	24
CONTIG-000864	196	159	2564	560	0
CONTIG-000865	102	8	14	21	0
CONTIG-000867	332	191	1037	1305	117
CONTIG-000868	232	128	1057	278	8
CONTIG-000869	1448	87	3133	2942	64
CONTIG-000870	100	37	78	108	0
CONTIG-000871	850	48	7	0	3
CONTIG-000872	228	553	1069	2560	420
CONTIG-000873	128	19	38	58	0
CONTIG-000874	188	348	4723	1406	0
CONTIG-000875	1183	16	349	546	2
CONTIG-000876	453	14	76	185	2
CONTIG-000877	241	7	32	34	0
CONTIG-000878	343	12	91	64	3
CONTIG-000879	1871	58	571	1472	516
CONTIG-000880	885	25	49	895	6
CONTIG-000881	1534	25	258	1941	0

CONTIG-000882	194	245	2086	225	20
CONTIG-000883	611	110	416	3098	14
CONTIG-000884	741	97	283	4013	5
CONTIG-000885	741	38	88	891	97
CONTIG-000886	96	6	8	0	0
CONTIG-000887	251	30	587	77	0
CONTIG-000888	198	9	13	49	0
CONTIG-000889	122	8	2	19	0
CONTIG-000897	335	122	730	670	75
CONTIG-000898	79	2	0	6	0
CONTIG-000899	928	26	169	530	18
CONTIG-000908	79	1164	3213	1194	187
CONTIG-000909	1883	37	233	2778	3
CONTIG-000910	187	13	27	99	0
CONTIG-000911	122	1169	6228	804	255
CONTIG-000912	149	254	895	297	96
CONTIG-000916	465	27	522	260	0
CONTIG-000917	99	33	44	24	0
CONTIG-000921	183	22	78	136	0
CONTIG-000922	697	20	99	419	7
CONTIG-000923	185	20	4	150	0
CONTIG-000924	119	9	3	21	0
CONTIG-000925	333	17	208	48	4
CONTIG-000926	1276	176	2837	9914	288
CONTIG-000927	188	36	127	155	2
CONTIG-000928	1184	24	169	926	4
CONTIG-000930	245	500	3534	2346	201
CONTIG-000931	510	15	200	312	0
CONTIG-000932	107	262	1562	211	0
CONTIG-000933	908	64	162	28	0
CONTIG-000935	263	15	4	127	2
CONTIG-000936	1246	41	599	1680	2
CONTIG-000937	231	11	29	84	0
CONTIG-000938	500	236	699	4202	390
CONTIG-000939	989	23	56	591	31
CONTIG-000943	468	29	191	195	38
CONTIG-000944	463	193	4952	2803	0
CONTIG-000945	42	925	2597	0	25
CONTIG-000946	805	31	1356	602	0
CONTIG-000947	2575	89	1457	6744	258
CONTIG-000948	204	123	711	727	37
CONTIG-000949	1784	129	385	15089	4
CONTIG-000950	97	227	549	323	6
CONTIG-000951	127	360	903	1546	36
CONTIG-000952	220	20	153	22	0
CONTIG-000953	814	20	363	463	4
CONTIG-000954	44	559	2486	0	4

CONTIG-000955	829	25	1527	277	2
CONTIG-000956	768	23	259	330	2
CONTIG-000957	114	14	86	2	16
CONTIG-000958	349	25	543	131	0
CONTIG-000959	1733	70	2129	3902	148
CONTIG-000961	284	322	1994	3363	86
CONTIG-000962	801	62	844	1975	2
CONTIG-000963	1178	32	346	1457	16
CONTIG-000964	444	86	887	1384	0
CONTIG-000965	171	149	1159	35	2
CONTIG-000966	80	8	4	18	0
CONTIG-000967	793	35	170	499	86
CONTIG-000969	135	1405	1695	2640	874
CONTIG-000970	252	413	4750	1157	99
CONTIG-000971	43	498	43	0	40
CONTIG-000972	75	10	59	0	0
CONTIG-000973	57	902	461	159	288
CONTIG-000974	393	17	83	229	0
CONTIG-000975	252	7	23	41	0
CONTIG-000976	965	22	68	746	0
CONTIG-000977	487	17	581	80	2
CONTIG-000978	477	21	126	255	33
CONTIG-000979	205	37	126	247	2
CONTIG-000981	236	12	66	72	0
CONTIG-000982	1801	78	4170	3938	137
CONTIG-000990	455	13	103	211	0
CONTIG-000991	1266	53	2533	1472	75
CONTIG-000997	182	86	793	95	5
CONTIG-000998	202	295	588	2263	11
CONTIG-000999	549	64	604	452	12
CONTIG-001000	97	3	5	8	0
CONTIG-001001	350	642	3048	4487	623
CONTIG-001002	53	248	1026	59	0
CONTIG-001003	540	306	2922	4194	395
CONTIG-001004	829	61	148	1870	77
CONTIG-001005	41	3	3	0	0
CONTIG-001006	110	164	1328	206	0
CONTIG-001007	73	498	570	579	56
CONTIG-001008	90	31	0	69	0
CONTIG-001010	762	18	211	322	0
CONTIG-001011	1037	52	623	1378	51
CONTIG-001012	77	73	53	335	0
CONTIG-001013	238	409	536	3665	393
CONTIG-001014	96	325	3056	196	0
CONTIG-001016	207	7	4	65	0
CONTIG-001017	239	223	1157	1966	8
CONTIG-001018	188	131	1033	816	0

CONTIG-001019	132	1156	2655	2249	362
CONTIG-001020	357	11	33	132	0
CONTIG-001021	65	92	4	95	0
CONTIG-001022	137	286	2087	1249	0
CONTIG-001023	412	105	921	842	47
CONTIG-001024	202	21	141	79	0
CONTIG-001025	275	475	5154	1799	170
CONTIG-001026	154	31	170	111	0
CONTIG-001027	112	12	4	47	0
CONTIG-001028	357	186	515	3920	2
CONTIG-001029	468	24	136	262	6
CONTIG-001030	807	29	235	1013	0
CONTIG-001031	836	115	7050	1647	0
CONTIG-001032	249	9	16	90	0
CONTIG-001033	67	8	2	14	0
CONTIG-001034	649	22	678	358	0
CONTIG-001035	1610	89	6028	3481	248
CONTIG-001036	267	31	203	224	2
CONTIG-001037	38	415	163	235	9
CONTIG-001038	711	76	904	974	0
CONTIG-001039	73	21	49	22	0
CONTIG-001040	376	292	3147	1286	0
CONTIG-001041	286	368	3095	0	1757
CONTIG-001042	67	998	482	2073	58
CONTIG-001043	1000	54	228	1515	95
CONTIG-001044	127	247	2023	337	0
CONTIG-001045	93	14	9	22	0
CONTIG-001046	313	311	2200	1664	298
CONTIG-001048	388	321	4559	2195	70
CONTIG-001049	611	27	62	492	0
CONTIG-001050	64	7	13	2	0
CONTIG-001051	103	17	71	30	0
CONTIG-001052	1146	52	2884	971	27
CONTIG-001053	382	18	48	212	0
CONTIG-001054	136	20	15	119	0
CONTIG-001055	67	534	556	100	412
CONTIG-001056	202	91	1428	225	2
CONTIG-001057	198	468	5508	338	45
CONTIG-001058	40	365	911	0	0
CONTIG-001059	65	1819	283	44	1232
CONTIG-001060	54	1673	202	28	987
CONTIG-001061	298	13	45	51	0
CONTIG-001065	166	77	47	778	0
CONTIG-001066	60	4	18	0	0
CONTIG-001067	104	8	28	11	0
CONTIG-001068	181	35	76	152	7
CONTIG-001069	221	42	882	27	0

CONTIG-001070	860	72	760	1580	72
CONTIG-001071	63	10	21	12	0
CONTIG-001072	343	249	2373	1946	72
CONTIG-001073	81	9	34	11	0
CONTIG-001074	53	358	126	255	35
CONTIG-001082	75	19	8	23	0
CONTIG-001083	600	130	6319	1087	3
CONTIG-001084	615	63	3114	344	0
CONTIG-001085	364	14	38	136	2
CONTIG-001086	128	615	67	3868	42
CONTIG-001087	821	232	175	10456	83
CONTIG-001088	74	17	43	4	0
CONTIG-001089	1297	61	112	539	7
CONTIG-001090	257	210	2141	709	32
CONTIG-001091	384	123	227	1892	31
CONTIG-001099	225	111	390	441	18
CONTIG-001100	1930	45	174	3870	38
CONTIG-001101	966	56	349	1210	96
CONTIG-001102	207	270	3483	861	0
CONTIG-001103	49	31	2	59	0
CONTIG-001104	256	15	31	106	0
CONTIG-001105	961	113	1192	3267	6
CONTIG-001106	449	22	81	228	4
CONTIG-001107	1164	105	7603	2601	8
CONTIG-001119	192	6	25	20	0
CONTIG-001120	663	20	675	282	0
CONTIG-001121	579	96	276	3178	4
CONTIG-001122	606	22	202	154	8
CONTIG-001123	64	14	10	14	0
CONTIG-001125	155	550	4119	516	50
CONTIG-001126	76	10	40	0	0
CONTIG-001127	271	19	14	180	4
CONTIG-001128	277	233	347	3118	95
CONTIG-001129	1567	64	638	3828	4
CONTIG-001130	209	16	0	0	19
CONTIG-001131	140	11	109	8	0
CONTIG-001132	60	12	2	0	0
CONTIG-001133	243	53	548	137	0
CONTIG-001134	265	424	1146	2496	391
CONTIG-001135	1290	29	1317	992	6
CONTIG-001136	374	182	2067	2286	54
CONTIG-001138	1477	80	487	2680	360
CONTIG-001139	402	75	222	1590	0
CONTIG-001140	243	822	1422	6527	557
CONTIG-001142	616	153	1243	1847	17
CONTIG-001143	415	229	1002	3015	93
CONTIG-001144	403	16	90	256	2

CONTIG-001147	233	546	1210	5370	232
CONTIG-001148	335	21	143	60	7
CONTIG-001149	133	4	2	9	0
CONTIG-001150	351	16	39	237	0
CONTIG-001151	196	539	2390	3466	4
CONTIG-001152	445	11	29	170	0
CONTIG-001153	468	153	1627	1539	162
CONTIG-001154	71	24	119	2	0
CONTIG-001155	1133	46	106	1547	49
CONTIG-001156	868	95	4333	2348	0
CONTIG-001157	452	71	1446	604	2
CONTIG-001158	1405	60	3276	1744	23
CONTIG-001162	330	47	713	158	2
CONTIG-001164	956	53	1731	998	46
CONTIG-001165	423	40	232	400	6
CONTIG-001166	1654	36	454	1355	116
CONTIG-001167	627	72	501	1948	9
CONTIG-001168	60	15	6	34	0
CONTIG-001169	118	12	9	5	0
CONTIG-001170	58	4	9	0	0
CONTIG-001171	88	21	30	37	0
CONTIG-001172	734	26	456	478	2
CONTIG-001173	114	7	15	22	0
CONTIG-001174	393	17	404	107	0
CONTIG-001175	908	12	50	280	0
CONTIG-001176	299	7	44	52	0
CONTIG-001177	196	57	457	301	4
CONTIG-001181	2975	26	183	2476	47
CONTIG-001182	470	33	385	432	2
CONTIG-001183	223	15	124	77	0
CONTIG-001184	733	23	475	536	2
CONTIG-001185	194	593	1110	5941	58
CONTIG-001186	122	9	23	25	0
CONTIG-001187	158	8	0	0	7
CONTIG-001188	231	301	5575	1123	0
CONTIG-001190	270	40	268	445	0
CONTIG-001191	712	24	209	386	11
CONTIG-001192	1062	63	2863	2490	2
CONTIG-001193	152	9	25	41	0
CONTIG-001194	155	20	72	87	2
CONTIG-001195	380	27	190	124	2
CONTIG-001196	533	9	36	159	2
CONTIG-001197	78	824	1008	441	70
CONTIG-001198	1298	56	1304	1879	33
CONTIG-001199	292	599	1856	6843	103
CONTIG-001200	537	42	66	1216	3
CONTIG-001203	225	7	0	0	7

CONTIG-001204	226	12	21	73	2
CONTIG-001205	473	70	208	1913	10
CONTIG-001206	63	88	49	0	0
CONTIG-001207	309	107	526	1009	25
CONTIG-001208	464	22	106	479	0
CONTIG-001209	156	7	33	21	0
CONTIG-001210	115	11	46	0	2
CONTIG-001211	748	18	480	316	0
CONTIG-001212	206	7	17	17	0
CONTIG-001213	78	417	362	397	66
CONTIG-001214	139	304	3742	45	12
CONTIG-001215	916	60	1598	912	27
CONTIG-001216	532	76	271	1500	25
CONTIG-001217	1237	22	149	773	42
CONTIG-001218	698	24	292	720	0
CONTIG-001219	1269	24	261	909	16
CONTIG-001220	321	33	380	414	0
CONTIG-001221	1052	88	325	5097	3
CONTIG-001222	123	232	2050	12	2
CONTIG-001223	547	32	92	504	11
CONTIG-001224	390	52	416	320	2
CONTIG-001225	707	14	13	282	2
CONTIG-001226	489	579	5428	5771	591
CONTIG-001227	665	15	65	472	4
CONTIG-001228	104	1035	4493	49	4
CONTIG-001229	1594	66	2992	4895	0
CONTIG-001230	642	121	1267	2755	52
CONTIG-001231	1262	87	653	2934	538
CONTIG-001232	160	146	1702	23	0
CONTIG-001234	726	65	859	1998	4
CONTIG-001235	65	10	4	22	0
CONTIG-001236	119	202	689	731	8
CONTIG-001237	82	147	782	181	5
CONTIG-001238	585	58	622	830	6
CONTIG-001239	275	330	498	2868	6
CONTIG-001240	1833	79	1032	6178	6
CONTIG-001241	272	76	837	217	8
CONTIG-001242	462	38	1202	179	0
CONTIG-001243	422	63	55	683	29
CONTIG-001244	308	12	71	105	0
CONTIG-001245	63	13	15	11	0
CONTIG-001246	158	390	554	2026	155
CONTIG-001247	198	65	102	437	14
CONTIG-001248	191	22	191	143	0
CONTIG-001249	126	6	5	17	0
CONTIG-001250	63	9	39	0	0
CONTIG-001251	611	12	47	151	2

CONTIG-001252	762	146	294	2737	747
CONTIG-001255	801	30	773	764	2
CONTIG-001256	396	16	69	125	0
CONTIG-001257	280	298	5031	746	42
CONTIG-001258	309	18	80	116	2
CONTIG-001266	184	8	10	28	0
CONTIG-001267	693	108	1124	4035	0
CONTIG-001271	234	8	12	55	2
CONTIG-001272	191	44	116	168	0
CONTIG-001273	785	48	395	2016	2
CONTIG-001274	1272	29	182	1223	28
CONTIG-001275	787	49	301	1000	44
CONTIG-001283	247	270	2596	685	93
CONTIG-001286	191	11	9	80	0
CONTIG-001287	347	584	6764	3010	368
CONTIG-001288	232	183	4022	2	19
CONTIG-001290	129	6	7	8	2
CONTIG-001291	104	676	422	2696	145
CONTIG-001292	1132	16	130	437	8
CONTIG-001293	149	6	2	2	0
CONTIG-001294	55	1713	6519	132	0
CONTIG-001297	1654	65	214	2432	168
CONTIG-001298	163	8	52	13	0
CONTIG-001301	129	21	99	39	0
CONTIG-001302	692	157	2526	3107	100
CONTIG-001303	476	12	28	223	2
CONTIG-001304	187	13	102	60	0
CONTIG-001305	91	9	15	21	0
CONTIG-001307	1608	61	385	5465	0
CONTIG-001308	242	23	86	144	0
CONTIG-001309	1423	33	113	1519	28
CONTIG-001310	163	11	18	83	0
CONTIG-001311	63	1566	9097	626	0
CONTIG-001318	93	3	0	6	0
CONTIG-001319	758	39	124	1466	54
CONTIG-001320	188	37	253	190	0
CONTIG-001321	185	68	1186	0	0
CONTIG-001322	441	422	4734	2831	391
CONTIG-001323	539	16	22	213	4
CONTIG-001330	621	98	952	1232	0
CONTIG-001331	118	17	37	50	0
CONTIG-001332	685	26	223	482	0
CONTIG-001333	583	19	263	320	2
CONTIG-001334	94	84	36	261	4
CONTIG-001335	97	155	552	41	0
CONTIG-001336	81	16	104	2	0
CONTIG-001337	548	20	258	393	0

CONTIG-001339	988	82	2292	2787	2
CONTIG-001340	1093	73	1193	4550	0
CONTIG-001341	2224	38	768	2258	34
CONTIG-001342	360	531	2288	4320	475
CONTIG-001343	163	99	499	537	0
CONTIG-001344	296	18	54	160	2
CONTIG-001345	357	15	308	94	0
CONTIG-001346	58	9	12	18	0
CONTIG-001348	65	200	905	22	4
CONTIG-001351	254	9	2	76	0
CONTIG-001352	117	4	4	11	0
CONTIG-001353	672	117	2599	1802	76
CONTIG-001354	2035	27	438	2218	0
CONTIG-001356	847	23	313	839	2
CONTIG-001358	282	47	488	99	3
CONTIG-001366	650	30	531	405	4
CONTIG-001367	246	15	54	141	0
CONTIG-001368	136	21	5	2	0
CONTIG-001369	349	13	145	87	0
CONTIG-001370	323	30	73	532	0
CONTIG-001371	272	21	82	161	21
CONTIG-001372	132	21	93	44	0
CONTIG-001373	130	503	1529	1923	51
CONTIG-001374	164	7	3	23	0
CONTIG-001375	665	17	164	307	2
CONTIG-001376	132	11	32	9	0
CONTIG-001377	552	310	5475	2690	367
CONTIG-001378	388	124	30	108	0
CONTIG-001379	1249	212	1377	11583	503
CONTIG-001380	217	6	26	46	0
CONTIG-001381	949	31	241	1212	4
CONTIG-001382	336	45	287	305	7
CONTIG-001383	68	889	1708	843	59
CONTIG-001385	109	635	784	1039	105
CONTIG-001386	714	29	285	550	10
CONTIG-001387	134	412	776	1563	173
CONTIG-001388	170	10	22	67	2
CONTIG-001389	310	61	528	226	4
CONTIG-001390	591	15	184	159	4
CONTIG-001392	384	34	830	226	0
CONTIG-001393	244	503	1575	2562	239
CONTIG-001394	722	12	31	199	6
CONTIG-001395	1200	87	4655	3025	24
CONTIG-001396	68	32	185	0	0
CONTIG-001397	480	18	111	178	2
CONTIG-001398	1018	59	2236	2216	4
CONTIG-001399	678	48	470	965	20

CONTIG-001400	818	60	483	1593	7
CONTIG-001402	263	11	14	43	0
CONTIG-001403	78	48	329	0	0
CONTIG-001404	892	160	500	4071	249
CONTIG-001405	709	132	2383	3323	2
CONTIG-001407	535	21	469	231	0
CONTIG-001408	163	117	1037	435	0
CONTIG-001409	213	4	4	26	0
CONTIG-001410	152	480	1131	1194	198
CONTIG-001411	315	34	61	273	25
CONTIG-001412	176	446	2916	501	95
CONTIG-001413	113	11	5	39	0
CONTIG-001414	275	338	1645	3571	84
CONTIG-001415	991	32	107	1214	12
CONTIG-001416	1074	71	622	3237	21
CONTIG-001417	708	44	472	487	0
CONTIG-001418	162	25	434	0	0
CONTIG-001419	563	37	218	793	10
CONTIG-001429	594	12	168	84	0
CONTIG-001430	69	23	54	26	2
CONTIG-001431	222	6	9	26	0
CONTIG-001432	986	36	2163	855	0
CONTIG-001433	232	11	24	37	0
CONTIG-001434	218	47	257	124	2
CONTIG-001435	381	44	190	526	4
CONTIG-001436	375	166	1634	712	13
CONTIG-001438	83	228	606	215	11
CONTIG-001439	765	48	248	2072	0
CONTIG-001440	128	276	1664	61	18
CONTIG-001441	498	29	60	611	0
CONTIG-001442	69	9	2	2	0
CONTIG-001443	220	36	828	19	0
CONTIG-001444	1369	108	4322	5126	159
CONTIG-001445	186	24	161	28	0
CONTIG-001446	92	670	327	2133	28
CONTIG-001447	1616	18	143	1166	0
CONTIG-001448	360	18	38	276	2
CONTIG-001451	561	19	119	427	2
CONTIG-001452	234	135	260	1299	88
CONTIG-001453	169	15	34	51	0
CONTIG-001454	448	432	4834	3523	383
CONTIG-001456	205	40	441	131	0
CONTIG-001457	502	16	105	219	0
CONTIG-001458	122	6	9	0	0
CONTIG-001459	123	7	6	32	0
CONTIG-001460	534	20	515	221	0
CONTIG-001461	1244	35	811	1327	34

CONTIG-001462	218	11	69	25	0
CONTIG-001468	325	232	4904	1133	14
CONTIG-001471	48	942	1610	162	26
CONTIG-001472	360	251	1207	1370	144
CONTIG-001473	267	41	144	431	4
CONTIG-001474	50	349	1434	38	0
CONTIG-001475	682	47	1122	1241	0
CONTIG-001477	67	61	89	154	0
CONTIG-001478	886	37	1450	954	0
CONTIG-001479	435	32	689	57	12
CONTIG-001480	619	41	709	1028	0
CONTIG-001481	890	81	1016	1510	33
CONTIG-001482	81	4	2	0	0
CONTIG-001489	338	40	806	136	0
CONTIG-001490	118	6	20	9	0
CONTIG-001494	212	31	94	37	0
CONTIG-001495	353	10	4	164	2
CONTIG-001496	287	417	709	2512	415
CONTIG-001497	59	3	6	0	0
CONTIG-001498	249	26	152	95	0
CONTIG-001499	259	25	269	95	0
CONTIG-001501	148	7	12	18	0
CONTIG-001502	110	8	23	2	5
CONTIG-001503	523	44	417	617	4
CONTIG-001504	744	22	230	520	4
CONTIG-001505	105	9	9	16	0
CONTIG-001506	392	49	34	878	0
CONTIG-001507	274	15	35	114	0
CONTIG-001508	114	281	615	621	13
CONTIG-001510	724	20	417	271	3
CONTIG-001511	384	34	181	430	8
CONTIG-001512	144	4	4	15	0
CONTIG-001513	156	15	53	10	2
CONTIG-001514	594	9	88	163	0
CONTIG-001515	179	13	50	68	0
CONTIG-001516	369	91	1594	311	4
CONTIG-001517	1419	42	1578	1826	28
CONTIG-001518	156	204	951	777	17
CONTIG-001519	291	10	2	67	2
CONTIG-001520	540	63	652	1809	0
CONTIG-001521	91	29	112	27	0
CONTIG-001522	162	46	195	199	0
CONTIG-001523	346	73	453	721	12
CONTIG-001524	155	367	5008	183	19
CONTIG-001526	102	243	338	334	55
CONTIG-001532	594	19	39	74	0
CONTIG-001533	251	756	2741	4957	362

CONTIG-001534	212	9	16	29	0
CONTIG-001535	302	219	3172	385	0
CONTIG-001536	179	476	1648	1604	258
CONTIG-001537	547	55	1060	547	26
CONTIG-001538	529	126	268	1614	99
CONTIG-001539	1747	63	1271	4790	32
CONTIG-001540	703	32	278	667	6
CONTIG-001551	411	16	152	181	0
CONTIG-001552	1007	64	96	2136	268
CONTIG-001553	1829	39	141	2164	91
CONTIG-001554	66	8	21	10	0
CONTIG-001555	128	8	2	42	0
CONTIG-001556	107	6	20	6	0
CONTIG-001557	550	27	590	406	0
CONTIG-001558	63	422	803	73	0
CONTIG-001560	355	38	142	342	15
CONTIG-001562	1361	24	1077	652	10
CONTIG-001563	557	37	211	754	2
CONTIG-001564	635	10	62	251	0
CONTIG-001565	514	171	3738	1683	75
CONTIG-001566	165	452	1128	1652	136
CONTIG-001567	66	729	482	10	664
CONTIG-001568	37	214	127	155	6
CONTIG-001569	116	27	146	26	0
CONTIG-001570	490	16	204	253	0
CONTIG-001572	39	820	294	395	45
CONTIG-001573	238	28	314	81	7
CONTIG-001574	203	219	4102	2	28
CONTIG-001575	860	38	1091	472	44
CONTIG-001576	103	14	45	32	0
CONTIG-001577	72	12	19	14	0
CONTIG-001578	85	24	49	31	0
CONTIG-001579	503	105	35	2818	2
CONTIG-001580	153	16	49	18	0
CONTIG-001581	252	71	332	233	8
CONTIG-001582	253	12	23	114	0
CONTIG-001584	1290	23	354	558	2
CONTIG-001585	70	7	20	2	0
CONTIG-001586	314	44	529	287	9
CONTIG-001587	213	10	53	18	0
CONTIG-001588	197	7	42	31	0
CONTIG-001589	988	45	418	1094	180
CONTIG-001590	62	490	421	453	38
CONTIG-001591	89	8	6	7	0
CONTIG-001592	1237	46	305	2460	13
CONTIG-001594	265	14	68	118	0
CONTIG-001595	503	16	39	211	0

CONTIG-001596	516	47	261	605	12
CONTIG-001597	1298	37	344	1120	98
CONTIG-001598	583	99	177	3353	0
CONTIG-001599	135	21	75	59	0
CONTIG-001600	528	110	646	1922	88
CONTIG-001601	113	7	25	0	0
CONTIG-001602	341	16	129	188	0
CONTIG-001603	58	2	0	2	0
CONTIG-001604	115	21	7	14	0
CONTIG-001605	229	22	174	51	2
CONTIG-001606	890	99	5971	1604	12
CONTIG-001608	41	1533	90	1013	0
CONTIG-001609	174	128	1011	136	0
CONTIG-001611	36	129	46	128	0
CONTIG-001612	122	27	94	57	0
CONTIG-001613	585	31	312	643	0
CONTIG-001614	119	5	3	5	0
CONTIG-001615	297	123	860	543	47
CONTIG-001616	1366	32	638	1875	12
CONTIG-001617	190	874	2754	1075	1470
CONTIG-001618	335	172	393	2548	12
CONTIG-001619	286	38	207	276	0
CONTIG-001620	826	33	499	1197	7
CONTIG-001621	1243	28	864	1175	4
CONTIG-001622	65	4	3	6	0
CONTIG-001623	709	13	32	393	11
CONTIG-001624	574	20	63	100	0
CONTIG-001625	927	43	174	1054	52
CONTIG-001626	472	31	374	514	0
CONTIG-001627	60	5	4	10	0
CONTIG-001628	309	525	2343	4762	6
CONTIG-001629	1211	76	366	4040	67
CONTIG-001630	72	15	37	26	0
CONTIG-001631	98	885	1458	1695	154
CONTIG-001632	193	13	11	45	0
CONTIG-001633	566	43	1629	556	0
CONTIG-001634	40	55	59	8	0
CONTIG-001635	151	15	14	106	0
CONTIG-001636	383	67	969	891	3
CONTIG-001637	241	8	68	19	0
CONTIG-001638	2135	26	477	1817	13
CONTIG-001639	86	20	73	17	0
CONTIG-001640	163	5	10	17	0
CONTIG-001641	66	7	36	0	0
CONTIG-001642	649	66	452	999	35
CONTIG-001643	444	8	21	119	0
CONTIG-001644	103	69	431	54	3

CONTIG-001645	177	8	15	39	0
CONTIG-001646	954	112	1107	3622	19
CONTIG-001647	526	57	324	1292	9
CONTIG-001648	254	78	557	215	13
CONTIG-001649	121	92	380	91	3
CONTIG-001650	896	33	588	845	2
CONTIG-001651	371	240	2589	1590	210
CONTIG-001652	1119	59	899	2544	15
CONTIG-001653	171	469	4101	795	60
CONTIG-001654	51	309	510	553	4
CONTIG-001656	67	30	163	0	0
CONTIG-001657	101	4	14	4	0
CONTIG-001660	784	27	186	517	7
CONTIG-001661	197	185	1935	122	26
CONTIG-001662	855	36	585	565	33
CONTIG-001663	68	6	18	6	0
CONTIG-001666	250	11	4	89	0
CONTIG-001678	650	41	543	1095	0
CONTIG-001679	317	39	44	589	0
CONTIG-001680	126	160	2038	0	3
CONTIG-001681	135	3	2	16	0
CONTIG-001682	273	450	1756	1972	416
CONTIG-001683	101	5	5	0	0
CONTIG-001684	185	18	119	17	0
CONTIG-001685	1423	16	179	763	2
CONTIG-001686	939	18	206	661	4
CONTIG-001687	129	200	684	216	8
CONTIG-001688	959	148	6167	5227	0
CONTIG-001689	109	79	289	4	0
CONTIG-001690	302	72	682	495	16
CONTIG-001691	303	8	39	72	0
CONTIG-001692	251	20	93	119	0
CONTIG-001693	793	132	324	5254	55
CONTIG-001696	259	48	72	543	10
CONTIG-001697	210	18	27	81	9
CONTIG-001698	858	23	71	392	19
CONTIG-001706	698	113	1515	1730	58
CONTIG-001707	719	32	226	689	4
CONTIG-001708	1019	30	244	1448	2
CONTIG-001709	262	359	401	3653	85
CONTIG-001710	754	31	183	848	33
CONTIG-001711	496	17	94	306	2
CONTIG-001712	648	142	546	1643	209
CONTIG-001713	243	26	84	50	15
CONTIG-001715	964	122	806	6284	0
CONTIG-001716	250	54	298	253	36
CONTIG-001718	461	104	1885	956	30

CONTIG-001722	290	132	2621	567	0
CONTIG-001723	465	73	439	655	16
CONTIG-001724	196	6	40	13	0
CONTIG-001725	1060	32	500	876	45
CONTIG-001726	86	511	360	919	114
CONTIG-001727	593	43	91	560	56
CONTIG-001728	195	72	554	295	0
CONTIG-001729	1526	41	621	2592	9
CONTIG-001730	71	8	28	7	0
CONTIG-001731	182	19	370	7	0
CONTIG-001732	93	29	247	0	0
CONTIG-001733	326	16	19	170	2
CONTIG-001734	297	23	91	132	4
CONTIG-001735	2847	39	87	5831	12
CONTIG-001736	515	81	841	1555	0
CONTIG-001737	407	43	89	670	0
CONTIG-001740	888	33	71	839	35
CONTIG-001741	193	159	1131	716	7
CONTIG-001742	43	691	1961	17	0
CONTIG-001743	55	127	59	136	0
CONTIG-001744	144	6	19	18	0
CONTIG-001747	137	8	7	37	0
CONTIG-001748	467	114	491	1678	146
CONTIG-001749	586	10	52	148	0
CONTIG-001750	218	38	819	0	4
CONTIG-001751	85	249	106	894	4
CONTIG-001752	312	356	2770	3301	123
CONTIG-001760	38	336	56	344	7
CONTIG-001761	134	5	5	16	0
CONTIG-001762	843	25	264	935	0
CONTIG-001763	857	57	665	1825	11
CONTIG-001764	190	25	184	103	0
CONTIG-001766	204	135	2639	2	0
CONTIG-001767	769	28	691	728	8
CONTIG-001768	390	24	69	295	0
CONTIG-001769	162	24	54	57	15
CONTIG-001771	232	669	958	5838	465
CONTIG-001772	556	220	6951	2663	83
CONTIG-001773	299	29	150	358	0
CONTIG-001774	62	38	80	39	0
CONTIG-001783	134	276	805	29	0
CONTIG-001784	960	29	256	1318	4
CONTIG-001785	257	17	70	110	0
CONTIG-001786	127	295	1775	106	2
CONTIG-001787	92	24	111	8	6
CONTIG-001788	117	21	98	32	0
CONTIG-001789	293	36	385	184	2

CONTIG-001797	102	19	43	0	0
CONTIG-001798	123	547	1111	2665	20
CONTIG-001799	592	48	406	703	34
CONTIG-001800	108	3	10	6	0
CONTIG-001801	1222	213	1075	11141	537
CONTIG-001802	91	132	551	85	4
CONTIG-001804	93	25	249	0	0
CONTIG-001813	969	17	71	379	6
CONTIG-001814	66	1484	573	322	0
CONTIG-001820	239	88	306	380	56
CONTIG-001821	468	22	215	253	0
CONTIG-001822	880	57	3975	849	2
CONTIG-001823	733	17	140	340	4
CONTIG-001824	68	9	20	0	0
CONTIG-001830	281	456	3124	2457	224
CONTIG-001831	200	10	49	6	0
CONTIG-001832	405	41	97	661	0
CONTIG-001833	1046	38	744	1305	12
CONTIG-001835	475	16	75	162	30
CONTIG-001836	823	15	285	316	0
CONTIG-001837	299	18	165	117	0
CONTIG-001838	1252	87	6356	2769	4
CONTIG-001839	406	11	83	166	0
CONTIG-001840	1058	143	764	5233	256
CONTIG-001843	164	305	513	859	210
CONTIG-001844	480	163	727	1350	342
CONTIG-001845	69	120	281	274	0
CONTIG-001846	58	15	7	8	0
CONTIG-001847	165	16	14	74	0
CONTIG-001848	168	15	20	61	4
CONTIG-001849	90	440	497	938	34
CONTIG-001850	121	7	21	5	0
CONTIG-001851	382	48	523	198	0
CONTIG-001852	149	11	4	73	0
CONTIG-001853	764	49	69	1842	25
CONTIG-001854	170	47	189	136	0
CONTIG-001855	162	33	235	52	0
CONTIG-001857	455	11	134	127	0
CONTIG-001858	216	16	30	85	6
CONTIG-001859	819	76	1113	2774	2
CONTIG-001860	884	34	424	697	9
CONTIG-001861	112	8	34	30	0
CONTIG-001862	329	73	88	1321	0
CONTIG-001863	258	109	635	1350	7
CONTIG-001864	135	149	133	1146	0
CONTIG-001865	54	1862	95	1112	1124
CONTIG-001866	633	37	144	676	10

CONTIG-001867	615	21	255	500	0
CONTIG-001868	160	156	336	1055	0
CONTIG-001869	66	166	221	362	4
CONTIG-001870	794	30	518	662	6
CONTIG-001871	634	26	96	937	0
CONTIG-001878	232	13	7	73	0
CONTIG-001879	176	8	11	42	0
CONTIG-001880	258	9	40	7	2
CONTIG-001882	122	13	25	25	0
CONTIG-001883	505	16	31	278	4
CONTIG-001884	171	7	6	35	0
CONTIG-001885	455	734	6878	6807	658
CONTIG-001886	81	5	13	6	0
CONTIG-001889	38	1024	436	1092	4
CONTIG-001890	334	6	3	16	0
CONTIG-001891	221	194	257	587	43
CONTIG-001892	654	28	553	600	4
CONTIG-001893	80	658	466	1209	29
CONTIG-001894	428	268	169	7503	0
CONTIG-001895	2132	43	1260	4121	2
CONTIG-001904	60	100	108	180	0
CONTIG-001906	92	5	22	2	0
CONTIG-001907	1321	93	1445	5248	14
CONTIG-001908	174	37	233	28	0
CONTIG-001909	556	58	104	393	93
CONTIG-001910	611	259	4654	1733	489
CONTIG-001911	101	7	41	6	0
CONTIG-001912	322	12	45	74	0
CONTIG-001913	163	9	12	57	0
CONTIG-001914	405	35	60	614	2
CONTIG-001915	650	56	918	826	21
CONTIG-001919	109	16	40	19	0
CONTIG-001920	2297	67	2066	6643	14
CONTIG-001921	739	50	511	1376	7
CONTIG-001922	669	16	183	321	6
CONTIG-001923	71	347	19	1372	0
CONTIG-001924	149	9	37	17	0
CONTIG-001925	84	9	7	13	0
CONTIG-001926	541	17	471	193	0
CONTIG-001927	213	53	77	351	15
CONTIG-001928	70	9	29	7	0
CONTIG-001929	117	36	284	23	0
CONTIG-001930	85	6	6	17	0
CONTIG-001931	1049	26	352	896	2
CONTIG-001932	129	33	191	14	0
CONTIG-001933	129	14	43	46	0
CONTIG-001935	274	14	277	38	0

CONTIG-001936	456	293	896	6011	48
CONTIG-001937	118	31	97	48	0
CONTIG-001938	242	29	665	45	0
CONTIG-001939	258	27	140	164	0
CONTIG-001940	542	46	1741	2	2
CONTIG-001941	291	86	0	0	293
CONTIG-001942	247	7	11	43	0
CONTIG-001946	127	14	7	79	0
CONTIG-001947	332	32	92	446	7
CONTIG-001948	214	21	19	105	2
CONTIG-001949	441	18	437	69	0
CONTIG-001950	778	68	1579	1578	66
CONTIG-001951	73	4	18	2	0
CONTIG-001955	1124	123	1026	6251	65
CONTIG-001956	681	115	787	4351	4
CONTIG-001957	864	68	973	1626	17
CONTIG-001958	195	456	897	1590	409
CONTIG-001959	482	29	21	432	48
CONTIG-001960	140	3	13	2	0
CONTIG-001961	166	9	44	33	0
CONTIG-001962	504	66	1385	782	2
CONTIG-001963	380	18	43	239	2
CONTIG-001964	414	29	565	262	0
CONTIG-001965	251	27	21	328	0
CONTIG-001966	150	9	29	42	0
CONTIG-001967	156	94	1096	305	0
CONTIG-001968	73	263	1084	398	2
CONTIG-001969	905	23	376	937	2
CONTIG-001978	65	6	2	15	0
CONTIG-001979	737	18	217	177	4
CONTIG-001980	144	145	1763	12	0
CONTIG-001981	571	11	39	202	2
CONTIG-001982	39	782	2607	276	0
CONTIG-001983	58	23	2	18	0
CONTIG-001984	60	5	16	4	0
CONTIG-001985	123	834	867	2240	148
CONTIG-001986	972	51	3718	1020	0
CONTIG-001987	520	21	90	165	7
CONTIG-001988	521	54	227	1021	29
CONTIG-001990	375	8	17	118	0
CONTIG-001991	113	65	210	147	0
CONTIG-001993	432	22	70	226	2
CONTIG-001994	71	10	24	5	0
CONTIG-001995	220	62	519	62	6
CONTIG-001996	122	225	2797	35	4
CONTIG-001997	630	65	759	1649	2
CONTIG-001998	962	15	161	105	78

CONTIG-001999	259	23	122	109	4
CONTIG-002000	223	30	174	185	0
CONTIG-002002	60	2346	1467	5994	52
CONTIG-002003	74	70	176	52	0
CONTIG-002010	359	12	29	151	0
CONTIG-002011	498	17	161	115	0
CONTIG-002012	637	20	246	305	0
CONTIG-002013	209	295	1281	1114	185
CONTIG-002014	891	17	94	251	2
CONTIG-002015	350	54	145	954	0
CONTIG-002020	574	13	161	207	6
CONTIG-002021	88	6	4	15	0
CONTIG-002022	307	68	331	458	2
CONTIG-002023	98	6	0	16	0
CONTIG-002024	312	221	5794	697	0
CONTIG-002025	1069	23	584	684	0
CONTIG-002031	60	13	51	3	0
CONTIG-002032	114	5	20	4	0
CONTIG-002039	578	17	495	199	0
CONTIG-002040	187	20	41	127	0
CONTIG-002041	218	8	20	52	0
CONTIG-002042	230	330	1953	1002	285
CONTIG-002043	205	32	40	114	2
CONTIG-002047	960	95	667	3943	44
CONTIG-002048	250	6	55	16	0
CONTIG-002049	127	6	6	17	0
CONTIG-002050	105	6	15	6	0
CONTIG-002051	242	392	1105	2592	199
CONTIG-002052	681	73	2891	985	0
CONTIG-002053	108	6	13	17	0
CONTIG-002054	794	17	242	354	9
CONTIG-002055	1390	87	1851	4868	7
CONTIG-002056	190	45	176	321	0
CONTIG-002057	64	4	0	6	0
CONTIG-002058	141	486	527	1481	139
CONTIG-002060	364	35	229	220	4
CONTIG-002061	113	8	7	38	0
CONTIG-002066	175	5	4	27	0
CONTIG-002067	73	394	525	612	57
CONTIG-002068	465	39	275	303	10
CONTIG-002069	338	164	739	1807	18
CONTIG-002071	139	127	1155	37	2
CONTIG-002072	1804	82	672	7240	13
CONTIG-002073	116	4	13	4	0
CONTIG-002074	208	24	36	51	0
CONTIG-002075	163	470	4171	504	51
CONTIG-002076	188	107	63	498	44

CONTIG-002077	317	38	349	414	3
CONTIG-002081	1436	24	166	1134	5
CONTIG-002082	105	24	197	4	0
CONTIG-002083	558	80	1457	1348	11
CONTIG-002084	1404	34	263	1694	43
CONTIG-002085	682	44	96	1807	0
CONTIG-002086	39	435	633	62	12
CONTIG-002087	69	10	31	7	0
CONTIG-002088	306	23	361	106	0
CONTIG-002089	1193	18	78	802	4
CONTIG-002090	657	16	106	307	0
CONTIG-002091	55	580	408	630	29
CONTIG-002092	934	25	569	644	0
CONTIG-002093	223	15	68	73	0
CONTIG-002094	1407	22	370	1214	6
CONTIG-002095	407	14	111	92	9
CONTIG-002096	235	321	3731	746	57
CONTIG-002097	63	6	2	3	2
CONTIG-002101	359	6	0	51	0
CONTIG-002102	230	6	10	26	0
CONTIG-002103	1598	60	1393	2892	146
CONTIG-002104	304	501	2834	3010	294
CONTIG-002105	443	489	2415	6216	501
CONTIG-002106	165	7	11	29	0
CONTIG-002107	42	391	263	456	0
CONTIG-002108	111	530	551	2485	14
CONTIG-002109	328	51	408	349	0
CONTIG-002110	239	10	46	11	0
CONTIG-002111	420	47	37	540	4
CONTIG-002112	73	103	120	161	0
CONTIG-002113	757	103	526	4229	9
CONTIG-002114	186	6	7	18	0
CONTIG-002115	54	1605	1862	1495	60
CONTIG-002116	882	56	485	1433	19
CONTIG-002117	130	57	128	207	2
CONTIG-002118	96	577	1026	877	97
CONTIG-002119	1107	44	1242	1530	5
CONTIG-002120	918	46	1023	923	64
CONTIG-002121	163	10	11	32	0
CONTIG-002122	123	555	2370	453	81
CONTIG-002123	395	45	280	512	7
CONTIG-002124	383	28	102	289	18
CONTIG-002125	596	27	204	610	2
CONTIG-002126	494	17	240	308	0
CONTIG-002127	324	182	584	2391	11
CONTIG-002128	87	19	6	38	0
CONTIG-002129	110	6	16	24	0

CONTIG-002130	748	17	85	346	6
CONTIG-002134	3503	53	3503	5974	98
CONTIG-002135	115	10	6	46	0
CONTIG-002136	539	39	246	251	0
CONTIG-002137	500	221	431	2438	424
CONTIG-002138	215	11	13	82	0
CONTIG-002139	232	10	10	56	0
CONTIG-002140	566	22	287	367	0
CONTIG-002142	159	58	560	39	0
CONTIG-002143	199	10	6	75	0
CONTIG-002144	810	44	1387	1130	0
CONTIG-002147	250	148	456	582	100
CONTIG-002148	799	16	143	397	0
CONTIG-002149	176	11	28	40	0
CONTIG-002150	966	122	1284	4316	22
CONTIG-002151	142	7	38	0	0
CONTIG-002152	293	10	31	44	0
CONTIG-002153	335	16	108	102	0
CONTIG-002154	346	79	560	943	29
CONTIG-002155	924	44	489	1328	9
CONTIG-002156	116	4	4	7	2
CONTIG-002157	587	28	293	578	0
CONTIG-002158	771	28	503	796	0
CONTIG-002162	403	43	367	281	15
CONTIG-002163	110	13	16	45	0
CONTIG-002164	726	79	496	3496	0
CONTIG-002165	565	67	255	859	41
CONTIG-002166	234	16	63	95	3
CONTIG-002167	93	5	10	13	0
CONTIG-002168	834	134	1645	3305	61
CONTIG-002175	59	7	3	13	0
CONTIG-002176	60	24	22	2	0
CONTIG-002177	293	19	40	201	0
CONTIG-002178	215	42	413	152	0
CONTIG-002179	577	154	1268	2140	295
CONTIG-002180	325	201	127	1809	154
CONTIG-002181	58	145	16	218	18
CONTIG-002182	79	507	778	768	63
CONTIG-002183	431	18	31	263	0
CONTIG-002184	635	29	879	397	2
CONTIG-002185	559	30	495	439	0
CONTIG-002186	579	22	118	160	2
CONTIG-002189	97	5	15	10	0
CONTIG-002190	156	54	65	285	0
CONTIG-002191	629	14	67	220	0
CONTIG-002192	480	89	530	2041	0
CONTIG-002193	84	10	4	36	0

CONTIG-002194	345	359	1049	5687	19
CONTIG-002195	241	20	160	133	2
CONTIG-002196	483	534	6417	5052	490
CONTIG-002197	386	38	250	146	0
CONTIG-002198	464	15	38	294	0
CONTIG-002207	76	51	51	84	0
CONTIG-002209	61	1239	488	2373	18
CONTIG-002210	880	48	252	828	83
CONTIG-002211	912	21	75	563	2
CONTIG-002212	71	4	4	6	0
CONTIG-002213	49	1196	1202	324	17
CONTIG-002214	94	196	279	27	2
CONTIG-002215	283	73	427	926	0
CONTIG-002217	192	8	4	6	0
CONTIG-002218	473	24	77	206	3
CONTIG-002219	99	15	29	49	0
CONTIG-002220	1867	49	392	1302	24
CONTIG-002221	719	53	1213	1238	4
CONTIG-002223	76	702	2738	41	10
CONTIG-002224	134	258	2170	32	9
CONTIG-002225	584	18	198	244	0
CONTIG-002226	79	6	6	11	0
CONTIG-002227	346	24	139	258	0
CONTIG-002228	235	9	16	56	0
CONTIG-002229	371	10	18	79	0
CONTIG-002230	492	292	770	7839	7
CONTIG-002232	112	1402	57	212	0
CONTIG-002233	789	27	331	551	11
CONTIG-002234	193	39	205	349	0
CONTIG-002235	133	17	24	94	0
CONTIG-002236	305	601	1978	5194	387
CONTIG-002237	109	13	121	6	0
CONTIG-002238	385	14	109	60	0
CONTIG-002239	637	137	2210	2648	35
CONTIG-002242	195	25	6	39	0
CONTIG-002243	72	416	429	382	58
CONTIG-002244	334	14	58	98	4
CONTIG-002245	179	12	61	86	0
CONTIG-002246	793	38	724	697	27
CONTIG-002249	964	50	509	1781	10
CONTIG-002250	479	44	130	997	0
CONTIG-002251	326	106	234	570	193
CONTIG-002252	192	5	8	24	0
CONTIG-002253	749	22	240	403	11
CONTIG-002254	453	27	146	112	2
CONTIG-002255	101	4	13	2	0
CONTIG-002256	581	138	580	3312	31

CONTIG-002257	490	14	40	241	0
CONTIG-002258	124	407	287	1596	122
CONTIG-002260	446	29	79	571	2
CONTIG-002262	332	64	293	545	2
CONTIG-002264	235	10	6	107	0
CONTIG-002265	1350	28	5	35	0
CONTIG-002267	324	437	3145	3218	46
CONTIG-002268	1600	30	833	1464	23
CONTIG-002274	227	10	15	93	0
CONTIG-002275	127	904	1299	2043	145
CONTIG-002276	867	50	414	1142	40
CONTIG-002277	411	149	642	2724	2
CONTIG-002278	36	194	186	130	0
CONTIG-002281	668	37	1321	484	2
CONTIG-002282	739	48	292	1276	0
CONTIG-002285	1061	30	456	796	17
CONTIG-002286	376	18	65	145	2
CONTIG-002287	215	24	161	118	2
CONTIG-002288	1430	26	693	1072	20
CONTIG-002289	1084	32	152	1413	2
CONTIG-002290	488	9	20	162	0
CONTIG-002291	42	1916	410	19	1416
CONTIG-002292	128	13	89	19	0
CONTIG-002293	132	8	7	30	0
CONTIG-002294	1387	27	679	941	27
CONTIG-002295	58	2	2	0	0
CONTIG-002296	187	443	4033	2111	2
CONTIG-002297	52	246	131	16	0
CONTIG-002298	144	21	73	5	0
CONTIG-002299	161	10	0	34	2
CONTIG-002300	485	131	300	1318	132
CONTIG-002301	194	10	21	67	0
CONTIG-002303	249	35	375	209	0
CONTIG-002307	190	359	762	959	89
CONTIG-002308	69	3	4	9	0
CONTIG-002309	1212	21	304	828	0
CONTIG-002310	1688	32	1195	1721	10
CONTIG-002311	1280	18	98	1192	2
CONTIG-002312	401	226	910	3424	14
CONTIG-002313	87	15	20	0	0
CONTIG-002314	118	40	167	184	0
CONTIG-002315	259	88	1656	290	0
CONTIG-002316	58	216	152	419	0
CONTIG-002317	213	14	34	111	0
CONTIG-002319	442	19	106	217	0
CONTIG-002320	805	27	96	1194	0
CONTIG-002321	92	7	9	13	2

CONTIG-002322	401	72	229	722	8
CONTIG-002328	1356	63	623	1700	313
CONTIG-002329	105	28	26	74	0
CONTIG-002330	503	71	303	1749	4
CONTIG-002331	334	41	274	218	12
CONTIG-002332	202	9	22	45	0
CONTIG-002333	145	8	11	40	0
CONTIG-002335	103	16	142	0	0
CONTIG-002336	782	95	914	1190	243
CONTIG-002337	915	55	241	987	5
CONTIG-002338	180	29	21	202	0
CONTIG-002339	1204	41	812	827	44
CONTIG-002340	133	7	6	32	0
CONTIG-002341	834	84	1495	881	42
CONTIG-002342	246	406	825	2125	154
CONTIG-002351	1109	27	102	647	30
CONTIG-002352	487	21	77	281	2
CONTIG-002353	457	83	569	1459	2
CONTIG-002354	180	9	11	51	3
CONTIG-002356	1462	38	453	2267	6
CONTIG-002357	256	328	2150	1060	255
CONTIG-002358	90	6	0	21	0
CONTIG-002359	198	45	89	261	4
CONTIG-002360	268	16	117	95	0
CONTIG-002361	557	19	146	228	0
CONTIG-002362	96	211	879	101	20
CONTIG-002363	691	19	73	157	6
CONTIG-002364	609	53	2198	608	2
CONTIG-002365	68	4	2	0	0
CONTIG-002366	332	313	1547	1977	260
CONTIG-002367	462	60	228	459	0
CONTIG-002368	93	581	707	824	41
CONTIG-002370	99	566	1348	1876	52
CONTIG-002371	593	130	1295	1874	238
CONTIG-002372	832	41	339	802	60
CONTIG-002373	61	32	148	10	0
CONTIG-002374	333	15	12	79	0
CONTIG-002375	1446	62	1980	3546	2
CONTIG-002376	1097	36	947	641	31
CONTIG-002377	800	45	290	658	28
CONTIG-002378	206	123	292	265	2
CONTIG-002379	1430	37	780	2075	13
CONTIG-002380	364	27	434	162	4
CONTIG-002381	409	31	141	364	9
CONTIG-002382	217	329	4643	437	89
CONTIG-002383	407	39	121	519	6
CONTIG-002384	84	8	54	0	0

CONTIG-002385	175	19	11	89	0
CONTIG-002386	94	593	1414	1825	40
CONTIG-002387	326	10	3	138	0
CONTIG-002388	220	181	1305	249	122
CONTIG-002389	423	129	481	1467	19
CONTIG-002392	66	5	6	12	0
CONTIG-002393	126	32	106	39	0
CONTIG-002394	265	44	144	126	20
CONTIG-002395	1910	45	447	2710	156
CONTIG-002396	1569	53	4119	2334	17
CONTIG-002397	314	8	45	91	0
CONTIG-002398	332	168	1379	1837	31
CONTIG-002399	1506	22	417	963	35
CONTIG-002400	190	21	78	91	0
CONTIG-002401	203	12	44	61	0
CONTIG-002402	537	19	32	480	0
CONTIG-002403	129	14	49	49	0
CONTIG-002404	490	52	1038	424	4
CONTIG-002405	503	31	936	0	58
CONTIG-002406	219	20	168	80	0
CONTIG-002407	760	128	3724	2382	32
CONTIG-002408	107	16	15	18	0
CONTIG-002409	351	101	728	437	19
CONTIG-002410	1198	65	217	5004	0
CONTIG-002411	74	1200	814	1238	38
CONTIG-002412	401	23	313	220	0
CONTIG-002413	804	87	3282	1804	2
CONTIG-002414	241	31	690	59	0
CONTIG-002415	250	33	59	290	0
CONTIG-002416	219	93	1792	271	0
CONTIG-002417	80	91	141	249	0
CONTIG-002418	118	8	5	21	0
CONTIG-002420	325	10	119	53	0
CONTIG-002421	1101	92	808	2333	259
CONTIG-002423	1195	19	208	576	2
CONTIG-002424	55	412	2484	5	0
CONTIG-002425	531	71	703	1024	68
CONTIG-002426	1071	81	1017	5001	0
CONTIG-002427	763	11	264	144	3
CONTIG-002428	327	25	190	45	0
CONTIG-002429	1116	27	185	719	34
CONTIG-002430	231	7	23	23	0
CONTIG-002431	209	336	511	3545	2
CONTIG-002432	72	34	216	22	0
CONTIG-002435	71	11	34	11	0
CONTIG-002436	1080	25	71	527	10
CONTIG-002437	249	8	2	74	0

CONTIG-002438	1375	45	587	2505	41
CONTIG-002447	934	39	180	2037	0
CONTIG-002448	429	30	168	552	0
CONTIG-002449	821	36	273	1220	0
CONTIG-002450	829	275	2688	5935	608
CONTIG-002451	86	83	492	2	3
CONTIG-002452	178	89	399	557	0
CONTIG-002453	404	43	101	1002	0
CONTIG-002456	108	339	2381	45	13
CONTIG-002457	131	6	6	20	0
CONTIG-002458	391	31	239	466	2
CONTIG-002459	2309	66	948	8353	9
CONTIG-002460	336	21	267	48	0
CONTIG-002461	1386	23	189	799	53
CONTIG-002462	2584	34	267	3456	170
CONTIG-002463	143	4	2	18	0
CONTIG-002464	697	35	443	750	2
CONTIG-002465	661	88	713	2407	10
CONTIG-002466	986	112	623	5038	0
CONTIG-002467	657	19	131	196	4
CONTIG-002468	317	17	146	205	0
CONTIG-002472	269	60	756	114	2
CONTIG-002473	253	12	75	69	4
CONTIG-002474	83	16	43	0	0
CONTIG-002475	70	704	1250	1779	19
CONTIG-002476	295	32	434	218	0
CONTIG-002477	162	22	119	82	2
CONTIG-002478	132	18	139	29	0
CONTIG-002479	532	60	293	1766	5
CONTIG-002480	81	590	502	761	9
CONTIG-002482	161	14	32	81	0
CONTIG-002483	293	311	1910	848	262
CONTIG-002484	856	15	54	404	4
CONTIG-002485	195	388	1062	3401	44
CONTIG-002487	237	12	20	32	0
CONTIG-002488	71	89	67	67	4
CONTIG-002489	131	10	27	52	0
CONTIG-002490	397	18	69	163	15
CONTIG-002491	1487	62	360	364	20
CONTIG-002492	187	11	32	6	0
CONTIG-002493	260	18	67	111	0
CONTIG-002494	711	18	195	156	4
CONTIG-002496	1016	46	988	1735	5
CONTIG-002497	1101	78	476	3143	55
CONTIG-002499	290	187	735	2597	0
CONTIG-002500	176	5	3	2	0
CONTIG-002502	37	515	596	338	0

CONTIG-002503	76	1038	73	2431	0
CONTIG-002504	892	216	3077	4900	554
CONTIG-002505	410	16	19	92	2
CONTIG-002507	389	42	227	303	9
CONTIG-002508	182	61	1279	14	0
CONTIG-002509	1331	34	131	2058	18
CONTIG-002510	50	423	526	678	5
CONTIG-002511	1571	37	213	2529	8
CONTIG-002512	436	13	157	106	0
CONTIG-002513	72	13	33	13	0
CONTIG-002514	176	8	3	59	0
CONTIG-002515	101	22	69	37	0
CONTIG-002516	384	11	12	122	0
CONTIG-002517	638	21	392	336	2
CONTIG-002518	442	10	67	115	0
CONTIG-002519	86	4	11	11	0
CONTIG-002520	67	6	24	7	0
CONTIG-002521	832	26	69	453	26
CONTIG-002522	199	46	261	275	0
CONTIG-002523	711	36	258	1216	4
CONTIG-002524	115	8	7	25	0
CONTIG-002526	83	101	5	431	0
CONTIG-002527	224	13	106	89	0
CONTIG-002528	96	11	12	46	0
CONTIG-002529	212	9	5	23	2
CONTIG-002530	574	15	259	108	0
CONTIG-002531	99	19	6	63	0
CONTIG-002532	243	12	57	16	0
CONTIG-002533	159	15	27	77	0
CONTIG-002535	59	5	6	10	0
CONTIG-002536	804	32	531	795	6
CONTIG-002537	178	4	2	18	0
CONTIG-002538	933	21	147	972	4
CONTIG-002539	78	45	98	109	0
CONTIG-002540	547	29	318	622	3
CONTIG-002541	442	18	46	383	8
CONTIG-002543	185	28	56	245	0
CONTIG-002544	827	17	304	265	3
CONTIG-002545	2529	36	281	5149	0
CONTIG-002546	672	24	436	471	9
CONTIG-002547	337	8	27	93	0
CONTIG-002548	120	10	44	20	0
CONTIG-002549	317	267	1463	1579	3
CONTIG-002550	92	293	419	666	2
CONTIG-002551	135	11	60	11	0
CONTIG-002552	176	5	3	34	0
CONTIG-002553	345	11	47	204	0

CONTIG-002554	789	18	484	319	2
CONTIG-002555	119	377	3143	805	0
CONTIG-002556	190	12	29	26	0
CONTIG-002563	890	45	381	2103	0
CONTIG-002564	447	18	48	169	0
CONTIG-002565	227	41	79	390	0
CONTIG-002566	555	42	753	338	0
CONTIG-002567	518	20	52	360	4
CONTIG-002568	286	377	788	4511	195
CONTIG-002569	635	16	80	438	0
CONTIG-002570	575	46	107	1083	0
CONTIG-002571	356	21	7	18	2
CONTIG-002572	70	7	5	12	0
CONTIG-002573	144	13	171	5	0
CONTIG-002574	251	777	2704	4368	321
CONTIG-002575	945	42	705	935	36
CONTIG-002576	55	53	49	68	0
CONTIG-002577	443	13	67	235	0
CONTIG-002578	237	137	1004	286	0
CONTIG-002579	174	240	1301	743	97
CONTIG-002580	328	35	328	288	0
CONTIG-002581	529	189	3637	4538	0
CONTIG-002582	331	30	82	296	9
CONTIG-002583	334	338	4380	1188	112
CONTIG-002584	436	70	823	692	61
CONTIG-002585	526	21	251	257	0
CONTIG-002586	191	16	57	100	0
CONTIG-002592	41	108	52	100	0
CONTIG-002593	86	245	531	42	5
CONTIG-002594	231	13	15	41	0
CONTIG-002595	662	13	47	291	0
CONTIG-002596	109	44	44	97	0
CONTIG-002597	483	149	618	1462	132
CONTIG-002598	167	20	115	99	0
CONTIG-002599	1044	13	108	430	0
CONTIG-002600	1143	30	302	1207	0
CONTIG-002601	915	13	114	362	2
CONTIG-002602	924	23	1303	344	0
CONTIG-002603	2021	19	162	1277	27
CONTIG-002604	183	627	1082	1486	334
CONTIG-002608	151	22	37	140	0
CONTIG-002609	442	17	44	249	0
CONTIG-002616	995	61	376	1422	296
CONTIG-002617	515	106	756	2443	11
CONTIG-002618	1859	17	642	998	2
CONTIG-002619	201	27	279	134	0
CONTIG-002620	231	71	261	472	4

CONTIG-002621	296	454	2067	2152	281
CONTIG-002622	254	9	9	107	0
CONTIG-002631	453	117	1498	751	51
CONTIG-002632	563	11	70	114	0
CONTIG-002633	940	75	358	1508	500
CONTIG-002634	522	19	67	370	2
CONTIG-002635	93	11	18	29	0
CONTIG-002636	56	523	465	664	6
CONTIG-002637	893	25	274	855	8
CONTIG-002638	108	10	11	30	0
CONTIG-002639	537	9	173	75	2
CONTIG-002640	83	11	9	41	0
CONTIG-002641	481	513	2281	8980	275
CONTIG-002642	226	13	14	151	0
CONTIG-002643	105	635	543	1106	165
CONTIG-002644	452	23	189	158	4
CONTIG-002645	1488	54	2223	3560	0
CONTIG-002646	532	28	70	282	16
CONTIG-002647	78	9	28	6	0
CONTIG-002648	371	115	482	1671	8
CONTIG-002649	372	46	153	485	8
CONTIG-002650	284	445	925	3284	299
CONTIG-002651	60	77	330	25	0
CONTIG-002652	162	7	14	7	0
CONTIG-002653	120	4	23	0	0
CONTIG-002654	78	10	32	8	0
CONTIG-002655	383	15	153	126	2
CONTIG-002656	40	474	1239	118	0
CONTIG-002657	671	30	360	766	6
CONTIG-002658	890	79	1319	1343	97
CONTIG-002659	60	322	598	573	4
CONTIG-002660	538	123	745	1421	20
CONTIG-002661	877	47	620	1260	47
CONTIG-002662	280	7	64	43	0
CONTIG-002663	772	30	279	991	2
CONTIG-002664	293	39	376	274	4
CONTIG-002671	106	15	0	56	2
CONTIG-002672	332	27	166	336	0
CONTIG-002673	429	10	15	136	6
CONTIG-002674	280	8	86	55	0
CONTIG-002675	474	89	505	1431	77
CONTIG-002676	1098	42	786	2043	22
CONTIG-002677	94	7	14	8	0
CONTIG-002679	930	34	235	1569	2
CONTIG-002680	214	815	1176	5790	562
CONTIG-002684	494	18	111	244	2
CONTIG-002685	63	6	11	0	0

CONTIG-002686	223	136	276	485	18
CONTIG-002687	142	9	10	36	2
CONTIG-002688	1376	18	337	517	2
CONTIG-002691	582	22	180	612	0
CONTIG-002693	865	18	149	623	2
CONTIG-002694	938	41	1915	783	0
CONTIG-002695	1214	35	235	1393	57
CONTIG-002696	755	15	78	384	0
CONTIG-002697	270	166	1542	344	63
CONTIG-002698	123	14	125	0	0
CONTIG-002699	551	53	1013	506	12
CONTIG-002700	410	11	95	146	0
CONTIG-002701	338	13	42	139	0
CONTIG-002704	60	17	30	4	0
CONTIG-002706	164	9	4	45	0
CONTIG-002709	532	16	403	252	0
CONTIG-002710	258	52	251	563	2
CONTIG-002711	1287	24	205	996	9
CONTIG-002712	81	7	6	15	0
CONTIG-002713	1671	42	1448	2124	31
CONTIG-002714	861	45	1196	1304	2
CONTIG-002717	147	15	7	75	2
CONTIG-002718	286	7	21	84	0
CONTIG-002719	126	9	2	38	0
CONTIG-002724	113	457	937	1043	87
CONTIG-002725	305	345	1265	4087	62
CONTIG-002726	101	6	4	13	0
CONTIG-002727	133	12	99	22	0
CONTIG-002728	517	86	728	869	28
CONTIG-002731	84	4	0	12	0
CONTIG-002732	756	29	414	968	2
CONTIG-002733	500	41	180	549	20
CONTIG-002734	1252	28	1088	843	155
CONTIG-002735	466	13	36	150	4
CONTIG-002736	874	23	234	798	2
CONTIG-002737	76	84	323	118	0
CONTIG-002738	74	14	23	16	0
CONTIG-002739	656	21	287	465	2
CONTIG-002740	355	95	606	1204	7
CONTIG-002741	275	18	82	184	0
CONTIG-002745	188	8	38	12	0
CONTIG-002746	1044	13	207	539	0
CONTIG-002747	181	13	111	37	0
CONTIG-002754	39	176	508	91	0
CONTIG-002756	356	10	180	87	0
CONTIG-002757	453	25	147	283	0
CONTIG-002758	111	6	4	22	0

CONTIG-002759	711	17	75	624	0
CONTIG-002761	663	22	546	415	2
CONTIG-002762	70	13	5	5	0
CONTIG-002763	301	507	4639	4203	9
CONTIG-002764	209	29	24	243	2
CONTIG-002765	102	7	0	26	0
CONTIG-002766	415	29	264	388	0
CONTIG-002767	99	6	17	6	0
CONTIG-002768	590	65	259	1945	0
CONTIG-002769	433	10	16	237	0
CONTIG-002770	1966	58	1040	4522	12
CONTIG-002771	87	17	149	5	0
CONTIG-002772	93	135	186	175	153
CONTIG-002773	95	13	13	36	0
CONTIG-002774	102	10	10	31	2
CONTIG-002775	303	6	13	53	0
CONTIG-002776	327	6	15	22	0
CONTIG-002781	76	11	38	11	0
CONTIG-002782	338	20	78	135	5
CONTIG-002783	384	484	1963	4378	418
CONTIG-002784	1151	95	908	2755	153
CONTIG-002785	400	27	188	223	2
CONTIG-002786	1207	49	808	2297	29
CONTIG-002787	80	4	7	6	0
CONTIG-002788	739	68	510	2455	13
CONTIG-002789	68	16	35	13	0
CONTIG-002790	59	4	11	4	0
CONTIG-002804	762	128	403	5429	29
CONTIG-002805	173	112	58	1200	2
CONTIG-002806	225	10	14	63	0
CONTIG-002807	1117	42	47	2497	4
CONTIG-002813	106	7	29	15	0
CONTIG-002814	358	575	1716	5255	492
CONTIG-002815	60	6	11	0	0
CONTIG-002816	414	19	25	149	2
CONTIG-002817	287	16	38	176	0
CONTIG-002818	371	14	27	177	0
CONTIG-002819	805	50	611	1481	10
CONTIG-002820	354	169	460	1125	172
CONTIG-002821	119	8	10	9	0
CONTIG-002822	198	43	304	143	2
CONTIG-002826	90	232	205	347	47
CONTIG-002827	125	8	12	28	0
CONTIG-002828	629	77	87	2783	2
CONTIG-002829	1159	82	529	3695	105
CONTIG-002831	611	52	509	727	12
CONTIG-002832	904	46	852	1438	6

CONTIG-002833	136	392	550	2393	28
CONTIG-002834	1654	24	248	1711	4
CONTIG-002835	769	18	425	413	0
CONTIG-002836	64	3	6	6	0
CONTIG-002837	191	161	934	351	5
CONTIG-002839	57	54	15	32	0
CONTIG-002840	305	128	291	1508	209
CONTIG-002841	241	19	8	154	0
CONTIG-002842	405	377	4556	4771	126
CONTIG-002843	1143	28	226	1197	0
CONTIG-002844	426	7	9	95	0
CONTIG-002845	555	87	288	1306	73
CONTIG-002846	623	102	1327	806	146
CONTIG-002847	1283	20	187	660	16
CONTIG-002848	866	25	741	240	2
CONTIG-002849	284	345	1715	4051	4
CONTIG-002852	484	252	3535	849	2457
CONTIG-002853	636	14	285	151	0
CONTIG-002854	809	48	1673	1065	0
CONTIG-002855	1798	55	1702	2811	160
CONTIG-002856	171	12	9	58	6
CONTIG-002857	1010	23	256	885	2
CONTIG-002858	297	22	165	257	0
CONTIG-002859	518	14	126	265	0
CONTIG-002860	372	17	87	141	4
CONTIG-002861	1270	54	143	1650	57
CONTIG-002862	174	13	164	15	0
CONTIG-002863	808	36	321	1096	10
CONTIG-002864	87	8	19	7	0
CONTIG-002865	95	3	0	9	0
CONTIG-002866	329	119	853	1791	0
CONTIG-002867	687	36	1215	554	0
CONTIG-002869	653	78	271	957	64
CONTIG-002870	94	640	1531	837	46
CONTIG-002871	1274	36	551	2138	2
CONTIG-002872	475	16	336	154	0
CONTIG-002873	279	20	69	148	0
CONTIG-002874	101	10	28	11	0
CONTIG-002875	245	534	839	3293	229
CONTIG-002876	291	8	59	69	0
CONTIG-002877	129	26	268	31	0
CONTIG-002878	133	9	34	5	0
CONTIG-002879	74	1111	1527	1700	106
CONTIG-002880	85	11	10	22	0
CONTIG-002881	83	26	31	48	0
CONTIG-002882	158	16	22	72	6
CONTIG-002883	65	8	9	10	0

CONTIG-002884	531	47	768	455	8
CONTIG-002885	264	469	3037	3098	160
CONTIG-002886	548	213	6094	1901	104
CONTIG-002887	74	207	364	255	25
CONTIG-002889	351	9	200	26	0
CONTIG-002894	112	10	56	0	0
CONTIG-002895	559	25	225	145	31
CONTIG-002896	167	7	7	53	0
CONTIG-002898	497	13	52	142	5
CONTIG-002899	1022	18	254	496	16
CONTIG-002902	60	32	7	98	0
CONTIG-002903	79	625	904	519	111
CONTIG-002904	1637	31	1337	1546	42
CONTIG-002905	1882	17	241	907	34
CONTIG-002906	524	23	756	135	0
CONTIG-002907	229	138	401	619	80
CONTIG-002908	220	151	298	557	71
CONTIG-002909	216	33	22	15	0
CONTIG-002910	95	27	97	0	0
CONTIG-002911	62	149	697	52	0
CONTIG-002912	1080	66	153	2499	299
CONTIG-002913	248	14	57	118	0
CONTIG-002914	190	340	685	1774	54
CONTIG-002915	149	352	73	1834	148
CONTIG-002916	207	52	395	235	2
CONTIG-002917	389	16	18	179	0
CONTIG-002921	797	31	140	1380	0
CONTIG-002922	227	26	136	97	0
CONTIG-002923	418	71	257	1386	0
CONTIG-002924	472	24	65	268	2
CONTIG-002926	186	63	675	318	0
CONTIG-002927	485	23	30	590	0
CONTIG-002928	267	473	7038	1672	140
CONTIG-002929	257	23	171	194	0
CONTIG-002930	441	208	1029	1786	177
CONTIG-002931	69	58	59	0	0
CONTIG-002932	580	128	2206	1746	47
CONTIG-002935	217	274	3624	1170	8
CONTIG-002936	156	4	5	17	0
CONTIG-002937	75	151	318	69	4
CONTIG-002940	87	9	48	0	0
CONTIG-002941	296	37	121	238	16
CONTIG-002942	93	407	616	1257	10
CONTIG-002943	675	16	108	260	4
CONTIG-002944	83	14	4	23	0
CONTIG-002945	1108	27	159	1472	0
CONTIG-002946	146	24	51	126	0

CONTIG-002947	163	22	56	157	0
CONTIG-002948	340	25	91	218	0
CONTIG-002949	71	38	115	0	0
CONTIG-002950	101	348	451	330	137
CONTIG-002951	38	824	332	298	78
CONTIG-002952	120	8	16	28	0
CONTIG-002953	378	11	21	118	2
CONTIG-002954	419	16	95	183	4
CONTIG-002955	329	12	119	103	0
CONTIG-002956	86	37	68	114	2
CONTIG-002957	162	10	38	20	0
CONTIG-002959	131	28	169	100	0
CONTIG-002960	1682	31	106	1573	46
CONTIG-002961	208	10	110	36	0
CONTIG-002962	696	13	60	337	5
CONTIG-002963	826	92	764	3351	29
CONTIG-002964	472	16	18	119	0
CONTIG-002965	1012	31	144	455	103
CONTIG-002966	901	34	175	941	17
CONTIG-002968	75	8	12	16	0
CONTIG-002969	1295	91	1568	3525	139
CONTIG-002970	1131	20	391	661	0
CONTIG-002971	550	15	64	271	0
CONTIG-002972	224	10	16	67	4
CONTIG-002973	1606	64	159	6055	2
CONTIG-002974	937	35	769	797	29
CONTIG-002975	177	6	12	15	0
CONTIG-002976	73	7	8	7	0
CONTIG-002977	149	6	4	42	0
CONTIG-002978	301	18	81	232	0
CONTIG-002979	1322	39	1502	1367	12
CONTIG-002980	174	8	21	50	0
CONTIG-002981	495	60	631	991	2
CONTIG-002982	642	29	487	506	2
CONTIG-002983	828	18	126	568	4
CONTIG-002984	587	19	127	284	9
CONTIG-002985	77	478	576	269	32
CONTIG-002986	354	10	28	143	0
CONTIG-002987	73	8	9	15	0
CONTIG-002988	319	100	292	714	58
CONTIG-002991	204	10	8	70	0
CONTIG-002996	268	42	229	155	0
CONTIG-002997	490	29	114	251	29
CONTIG-002998	79	204	612	526	0
CONTIG-002999	860	76	231	1789	86
CONTIG-003000	248	16	33	87	0
CONTIG-003009	753	21	148	502	0

CONTIG-003013	365	126	1358	1540	18
CONTIG-003014	1007	84	1897	3165	2
CONTIG-003015	116	913	602	2916	180
CONTIG-003016	378	690	1542	12245	192
CONTIG-003017	257	271	4588	1376	0
CONTIG-003018	78	7	6	0	0
CONTIG-003019	201	302	2091	908	88
CONTIG-003020	97	94	182	92	0
CONTIG-003021	501	53	547	757	16
CONTIG-003023	232	17	445	0	0
CONTIG-003024	115	15	25	40	0
CONTIG-003025	166	50	23	263	3
CONTIG-003026	179	502	1051	3190	249
CONTIG-003027	70	7	5	14	0
CONTIG-003032	66	4	9	4	0
CONTIG-003033	523	67	189	645	7
CONTIG-003034	1123	25	180	1026	5
CONTIG-003035	140	62	470	64	0
CONTIG-003036	856	43	121	718	0
CONTIG-003037	58	4	11	0	0
CONTIG-003038	728	19	440	395	0
CONTIG-003039	319	12	44	177	0
CONTIG-003041	2325	26	550	2437	14
CONTIG-003042	861	36	198	925	0
CONTIG-003043	1127	25	184	528	28
CONTIG-003044	130	64	285	4	0
CONTIG-003045	310	190	2939	1893	0
CONTIG-003046	329	445	682	6127	268
CONTIG-003047	137	8	5	23	0
CONTIG-003048	112	1409	1196	4142	183
CONTIG-003050	228	15	40	142	0
CONTIG-003053	110	8	26	16	0
CONTIG-003055	732	49	1749	718	2
CONTIG-003056	369	16	48	148	0
CONTIG-003057	171	8	44	2	4
CONTIG-003058	1419	29	420	1935	0
CONTIG-003059	457	47	205	836	8
CONTIG-003060	734	25	383	495	8
CONTIG-003061	236	396	1244	1835	123
CONTIG-003062	128	93	619	13	7
CONTIG-003063	904	12	85	369	2
CONTIG-003064	76	7	18	4	0
CONTIG-003065	73	16	29	30	0
CONTIG-003066	399	28	154	242	4
CONTIG-003067	51	591	182	957	0
CONTIG-003068	62	30	160	2	0
CONTIG-003069	76	14	39	20	0

CONTIG-003070	964	36	181	1380	15
CONTIG-003071	462	17	37	176	0
CONTIG-003072	1070	45	873	1964	2
CONTIG-003073	1368	40	439	1363	2
CONTIG-003074	208	8	11	44	2
CONTIG-003075	297	17	37	153	0
CONTIG-003076	858	72	1946	1515	8
CONTIG-003077	1476	75	384	5557	19
CONTIG-003081	641	18	108	350	4
CONTIG-003082	192	946	61	9360	3
CONTIG-003083	416	91	718	1021	16
CONTIG-003084	799	18	51	613	14
CONTIG-003085	1577	42	238	3909	2
CONTIG-003086	1434	77	2938	2791	41
CONTIG-003087	529	233	6954	2647	83
CONTIG-003088	190	15	7	137	0
CONTIG-003089	153	1249	4367	8785	39
CONTIG-003090	303	23	184	153	2
CONTIG-003091	1179	39	498	1754	53
CONTIG-003092	109	11	9	39	0
CONTIG-003094	179	11	29	59	0
CONTIG-003095	348	21	62	304	0
CONTIG-003096	181	6	10	28	0
CONTIG-003097	1152	20	331	870	4
CONTIG-003098	598	30	38	988	0
CONTIG-003099	715	24	266	615	0
CONTIG-003100	1335	11	243	415	0
CONTIG-003101	92	9	28	9	0
CONTIG-003102	320	341	988	3034	204
CONTIG-003103	318	11	17	34	0
CONTIG-003104	1021	102	599	2510	302
CONTIG-003105	107	50	549	20	0
CONTIG-003106	186	191	656	407	35
CONTIG-003107	1037	38	445	1290	21
CONTIG-003108	692	117	735	3166	30
CONTIG-003109	93	148	291	531	2
CONTIG-003110	82	6	9	9	0
CONTIG-003111	505	62	106	1940	0
CONTIG-003112	414	17	249	157	2
CONTIG-003113	67	3	6	5	0
CONTIG-003122	436	26	120	165	9
CONTIG-003123	169	1014	1489	4299	376
CONTIG-003124	134	73	734	0	3
CONTIG-003125	335	17	42	145	4
CONTIG-003126	339	15	55	151	0
CONTIG-003127	89	20	4	95	0
CONTIG-003129	268	15	86	89	0

CONTIG-003130	334	14	225	59	0
CONTIG-003131	131	12	118	4	0
CONTIG-003132	182	156	378	409	117
CONTIG-003133	888	44	957	1223	11
CONTIG-003134	1629	57	739	1968	98
CONTIG-003135	1938	25	315	1532	51
CONTIG-003136	72	17	16	33	0
CONTIG-003137	502	176	853	4396	60
CONTIG-003138	64	13	15	11	0
CONTIG-003139	95	484	290	1498	10
CONTIG-003140	189	474	1837	1989	147
CONTIG-003141	143	31	59	105	0
CONTIG-003142	984	52	396	1266	222
CONTIG-003143	693	12	37	215	0
CONTIG-003144	113	141	476	297	24
CONTIG-003145	121	5	8	6	0
CONTIG-003146	523	18	114	198	0
CONTIG-003149	625	20	176	281	4
CONTIG-003150	1099	21	412	609	0
CONTIG-003151	202	382	828	364	118
CONTIG-003152	70	125	467	14	0
CONTIG-003153	319	31	309	112	0
CONTIG-003154	551	100	270	1329	234
CONTIG-003155	629	69	463	2492	0
CONTIG-003156	362	13	232	101	0
CONTIG-003157	278	28	129	141	6
CONTIG-003158	579	15	83	344	0
CONTIG-003162	103	7	8	27	0
CONTIG-003163	429	21	128	300	6
CONTIG-003164	1238	111	298	4678	171
CONTIG-003165	197	7	27	37	0
CONTIG-003166	62	14	22	12	0
CONTIG-003167	249	305	1190	1145	115
CONTIG-003168	120	19	49	75	0
CONTIG-003169	1157	42	262	2017	19
CONTIG-003173	1796	110	409	10217	136
CONTIG-003174	395	19	87	342	2
CONTIG-003175	408	8	12	96	0
CONTIG-003176	310	33	40	436	0
CONTIG-003177	304	60	367	560	17
CONTIG-003178	1335	21	158	1129	2
CONTIG-003180	64	6	14	0	0
CONTIG-003181	555	15	63	239	0
CONTIG-003182	570	10	71	221	2
CONTIG-003183	132	19	132	31	0
CONTIG-003184	181	14	78	58	2
CONTIG-003187	103	4	2	12	0

CONTIG-003188	740	60	262	2334	0
CONTIG-003189	280	524	316	6036	37
CONTIG-003190	1532	36	1874	1984	0
CONTIG-003191	1145	46	568	1339	17
CONTIG-003192	144	6	6	11	0
CONTIG-003193	961	85	578	2208	114
CONTIG-003194	439	66	413	704	19
CONTIG-003195	284	18	240	140	0
CONTIG-003196	1566	42	657	3328	4
CONTIG-003197	1240	41	619	1395	84
CONTIG-003198	1180	51	265	1721	72
CONTIG-003202	1048	74	853	1701	152
CONTIG-003203	106	7	7	21	0
CONTIG-003204	221	466	1289	2705	250
CONTIG-003205	54	893	1460	743	9
CONTIG-003206	585	17	183	309	0
CONTIG-003207	291	7	4	57	2
CONTIG-003208	265	26	94	93	2
CONTIG-003209	740	17	100	354	0
CONTIG-003210	700	17	175	333	2
CONTIG-003211	79	6	7	8	0
CONTIG-003212	396	36	171	467	10
CONTIG-003213	1342	23	210	1032	8
CONTIG-003214	458	20	202	256	2
CONTIG-003215	180	13	7	75	0
CONTIG-003216	239	77	51	1067	0
CONTIG-003217	183	17	109	64	0
CONTIG-003218	150	16	3	2	0
CONTIG-003219	1383	49	924	2812	8
CONTIG-003220	1747	49	431	2262	135
CONTIG-003221	447	17	69	255	0
CONTIG-003222	170	5	16	26	0
CONTIG-003223	841	47	599	1296	6
CONTIG-003224	672	24	225	334	11
CONTIG-003225	149	100	722	222	0
CONTIG-003226	1140	118	1407	4355	109
CONTIG-003227	177	25	169	66	0
CONTIG-003228	214	13	9	122	0
CONTIG-003229	818	25	728	501	0
CONTIG-003230	219	8	12	74	0
CONTIG-003231	283	77	561	737	3
CONTIG-003233	1044	28	770	520	20
CONTIG-003234	297	18	188	73	0
CONTIG-003235	239	29	389	119	0
CONTIG-003236	495	42	653	790	0
CONTIG-003237	1103	35	452	1913	6
CONTIG-003238	123	18	34	34	0

CONTIG-003239	79	6	0	10	0
CONTIG-003240	71	833	105	3506	0
CONTIG-003241	658	52	114	993	47
CONTIG-003242	1475	68	1113	5113	9
CONTIG-003243	110	5	2	0	0
CONTIG-003248	394	12	35	54	0
CONTIG-003256	120	5	5	13	0
CONTIG-003257	233	9	19	71	0
CONTIG-003258	458	17	102	153	2
CONTIG-003259	67	8	3	9	4
CONTIG-003260	815	52	281	2384	0
CONTIG-003261	37	912	249	451	165
CONTIG-003262	134	407	1346	422	70
CONTIG-003263	140	50	79	71	2
CONTIG-003264	57	157	79	46	0
CONTIG-003265	87	36	14	9	0
CONTIG-003266	284	18	91	157	0
CONTIG-003267	159	160	1733	23	0
CONTIG-003268	514	27	201	543	0
CONTIG-003270	176	50	211	326	3
CONTIG-003273	1194	16	269	616	6
CONTIG-003274	161	23	102	20	0
CONTIG-003278	188	9	48	31	0
CONTIG-003279	381	21	75	235	4
CONTIG-003280	321	21	54	198	0
CONTIG-003281	288	26	59	254	6
CONTIG-003282	317	276	1634	2061	230
CONTIG-003283	72	16	10	15	0
CONTIG-003285	468	59	218	507	16
CONTIG-003286	1532	40	192	1989	165
CONTIG-003287	59	69	192	80	0
CONTIG-003293	625	20	41	658	2
CONTIG-003294	84	25	10	60	0
CONTIG-003295	89	6	8	25	0
CONTIG-003296	1127	37	515	1336	19
CONTIG-003297	110	8	41	2	0
CONTIG-003298	303	26	179	340	0
CONTIG-003299	189	335	1225	641	248
CONTIG-003300	177	24	153	151	0
CONTIG-003304	117	469	74	251	0
CONTIG-003305	118	7	15	14	0
CONTIG-003310	116	834	840	1502	175
CONTIG-003311	152	20	83	107	0
CONTIG-003312	94	7	15	12	0
CONTIG-003313	479	15	51	251	0
CONTIG-003314	853	23	348	351	10
CONTIG-003315	291	163	1166	626	53

CONTIG-003316	167	130	337	235	58
CONTIG-003317	90	14	23	16	0
CONTIG-003318	1518	94	1368	8537	6
CONTIG-003319	109	10	26	17	0
CONTIG-003320	949	25	111	649	23
CONTIG-003321	97	12	44	14	0
CONTIG-003322	65	250	276	126	17
CONTIG-003323	609	25	91	449	29
CONTIG-003331	1069	138	229	9666	8
CONTIG-003332	66	4	3	9	0
CONTIG-003333	177	1035	2209	2662	201
CONTIG-003334	213	5	10	25	0
CONTIG-003335	959	19	119	754	0
CONTIG-003336	59	153	88	44	5
CONTIG-003337	255	468	1020	3130	336
CONTIG-003338	438	8	9	61	2
CONTIG-003339	84	5	27	0	0
CONTIG-003340	885	75	2715	2121	10
CONTIG-003341	156	274	501	989	64
CONTIG-003342	78	10	2	11	0
CONTIG-003343	140	18	191	8	0
CONTIG-003344	601	13	67	188	0
CONTIG-003345	572	20	71	395	2
CONTIG-003348	1279	37	746	1254	67
CONTIG-003349	38	267	63	140	0
CONTIG-003350	90	6	4	12	2
CONTIG-003351	265	37	17	21	0
CONTIG-003353	569	27	434	418	2
CONTIG-003354	568	69	1158	877	39
CONTIG-003355	852	74	379	1232	81
CONTIG-003356	331	29	126	425	0
CONTIG-003357	463	86	368	704	72
CONTIG-003360	304	12	129	81	0
CONTIG-003361	235	6	22	33	0
CONTIG-003362	272	19	48	114	0
CONTIG-003365	952	156	4716	5942	0
CONTIG-003366	51	240	205	132	0
CONTIG-003367	256	8	12	47	2
CONTIG-003368	201	18	65	70	0
CONTIG-003369	59	174	800	102	0
CONTIG-003370	1136	72	120	2920	356
CONTIG-003371	1020	21	156	336	21
CONTIG-003372	101	132	235	127	7
CONTIG-003373	274	761	3445	4550	440
CONTIG-003374	329	23	127	323	2
CONTIG-003375	1341	58	614	2769	34
CONTIG-003376	79	10	7	22	0

CONTIG-003377	67	11	53	0	0
CONTIG-003386	407	21	43	430	0
CONTIG-003387	775	93	503	4377	0
CONTIG-003391	399	17	65	189	10
CONTIG-003392	208	379	1220	1756	60
CONTIG-003393	121	7	16	24	0
CONTIG-003394	722	25	261	377	2
CONTIG-003395	219	16	5	101	0
CONTIG-003396	883	77	1395	1588	15
CONTIG-003403	392	18	209	199	2
CONTIG-003404	209	30	209	174	0
CONTIG-003405	253	9	23	68	2
CONTIG-003406	1024	143	3662	5913	20
CONTIG-003407	313	171	224	2556	4
CONTIG-003408	438	66	476	1296	3
CONTIG-003409	484	21	175	342	0
CONTIG-003410	155	7	29	2	0
CONTIG-003411	758	40	199	491	0
CONTIG-003413	649	71	331	2140	2
CONTIG-003414	98	12	5	20	2
CONTIG-003415	803	150	313	5858	55
CONTIG-003416	142	5	2	22	0
CONTIG-003417	97	840	655	3242	75
CONTIG-003419	81	607	636	474	148
CONTIG-003420	2133	26	1807	1863	2
CONTIG-003421	45	1588	237	855	364
CONTIG-003422	468	14	28	333	0
CONTIG-003423	196	9	75	21	0
CONTIG-003424	518	13	45	185	0
CONTIG-003425	532	18	134	272	0
CONTIG-003426	611	39	252	745	26
CONTIG-003427	595	16	270	306	0
CONTIG-003428	162	70	86	38	3
CONTIG-003429	624	61	316	2182	0
CONTIG-003437	113	5	12	9	0
CONTIG-003438	567	19	52	444	4
CONTIG-003442	202	14	18	120	0
CONTIG-003443	221	36	447	89	0
CONTIG-003449	68	4	4	2	0
CONTIG-003450	276	37	146	311	7
CONTIG-003451	233	15	160	72	2
CONTIG-003452	95	4	11	5	0
CONTIG-003453	63	4	2	2	0
CONTIG-003461	140	6	13	14	0
CONTIG-003462	151	68	123	55	0
CONTIG-003463	775	15	120	348	0
CONTIG-003464	586	45	113	906	21

CONTIG-003465	315	30	411	289	0
CONTIG-003468	1297	32	624	1469	12
CONTIG-003469	75	51	100	141	0
CONTIG-003470	118	11	24	35	0
CONTIG-003471	276	32	300	148	0
CONTIG-003472	892	27	624	782	7
CONTIG-003473	954	32	773	1267	4
CONTIG-003474	212	18	16	135	2
CONTIG-003475	592	19	16	410	11
CONTIG-003476	267	89	1058	759	0
CONTIG-003477	126	21	97	55	0
CONTIG-003479	36	325	969	0	0
CONTIG-003480	398	15	193	57	0
CONTIG-003489	282	8	63	28	0
CONTIG-003490	206	15	65	20	0
CONTIG-003491	147	21	43	110	2
CONTIG-003492	883	86	507	3530	2
CONTIG-003493	133	13	71	42	0
CONTIG-003494	559	11	67	226	2
CONTIG-003496	88	15	36	37	0
CONTIG-003497	59	3	8	0	0
CONTIG-003499	955	272	1054	12184	185
CONTIG-003501	72	5	10	6	0
CONTIG-003502	935	97	5207	2341	0
CONTIG-003503	310	20	42	302	0
CONTIG-003504	134	3	0	2	0
CONTIG-003505	327	166	179	2122	33
CONTIG-003506	354	23	245	123	2
CONTIG-003507	1174	64	860	2419	96
CONTIG-003508	922	26	305	683	12
CONTIG-003509	640	44	180	907	18
CONTIG-003510	606	22	243	224	3
CONTIG-003511	238	23	238	78	0
CONTIG-003512	686	19	195	337	2
CONTIG-003513	218	88	1376	233	0
CONTIG-003514	77	58	443	6	0
CONTIG-003515	368	41	365	335	0
CONTIG-003516	172	18	10	67	7
CONTIG-003517	124	47	145	156	2
CONTIG-003518	491	79	196	1054	31
CONTIG-003519	322	58	755	506	2
CONTIG-003520	1216	138	1031	9018	53
CONTIG-003521	825	19	93	460	2
CONTIG-003522	1230	22	167	1290	2
CONTIG-003525	819	98	563	2592	9
CONTIG-003526	68	23	25	14	0
CONTIG-003527	168	218	82	1932	11

CONTIG-003528	756	43	822	1481	0
CONTIG-003529	383	60	248	1044	0
CONTIG-003530	338	20	38	209	2
CONTIG-003531	894	92	1184	2624	15
CONTIG-003535	39	205	10	87	0
CONTIG-003536	694	19	595	303	0
CONTIG-003537	1059	54	499	1102	83
CONTIG-003538	500	50	132	797	34
CONTIG-003539	1291	21	364	946	0
CONTIG-003540	742	51	2092	797	6
CONTIG-003541	316	278	691	2530	219
CONTIG-003542	74	6	15	18	0
CONTIG-003543	198	9	34	26	0
CONTIG-003544	305	19	73	215	0
CONTIG-003545	280	574	1875	6855	107
CONTIG-003546	131	170	625	230	27
CONTIG-003547	584	22	93	273	4
CONTIG-003548	442	60	858	193	0
CONTIG-003549	222	223	1003	543	39
CONTIG-003550	435	22	368	104	0
CONTIG-003551	568	94	886	2946	0
CONTIG-003554	67	7	17	7	0
CONTIG-003555	1031	24	334	847	12
CONTIG-003556	322	21	22	390	0
CONTIG-003557	59	42	172	9	0
CONTIG-003559	118	21	206	11	0
CONTIG-003560	347	34	190	256	0
CONTIG-003561	220	10	139	14	0
CONTIG-003562	610	88	597	1106	44
CONTIG-003568	93	5	7	20	0
CONTIG-003569	83	6	14	10	0
CONTIG-003570	287	13	31	125	0
CONTIG-003571	109	39	75	22	2
CONTIG-003572	976	41	368	882	7
CONTIG-003573	959	57	864	2006	13
CONTIG-003574	229	524	2575	2511	243
CONTIG-003575	80	30	64	99	0
CONTIG-003576	848	34	1419	775	0
CONTIG-003577	71	23	74	0	0
CONTIG-003579	233	76	80	851	2
CONTIG-003587	78	54	53	119	0
CONTIG-003588	114	30	38	28	0
CONTIG-003591	80	9	4	19	0
CONTIG-003598	349	38	36	840	0
CONTIG-003599	407	18	108	245	5
CONTIG-003600	228	14	86	61	0
CONTIG-003601	103	6	0	19	0

CONTIG-003602	308	7	16	40	0
CONTIG-003603	557	34	122	301	2
CONTIG-003604	575	36	190	289	6
CONTIG-003605	347	51	940	380	0
CONTIG-003606	468	31	73	770	0
CONTIG-003607	601	49	569	527	0
CONTIG-003608	773	29	159	796	2
CONTIG-003609	100	346	113	1552	29
CONTIG-003610	1743	39	1230	3502	0
CONTIG-003611	154	12	19	29	0
CONTIG-003612	88	11	35	5	0
CONTIG-003613	988	34	500	1059	23
CONTIG-003614	451	15	48	222	0
CONTIG-003615	177	22	39	78	0
CONTIG-003616	328	15	37	136	2
CONTIG-003617	89	15	20	0	0
CONTIG-003618	78	17	17	18	0
CONTIG-003620	739	19	95	193	28
CONTIG-003621	62	9	10	15	0
CONTIG-003623	429	15	22	190	2
CONTIG-003629	1277	24	129	1233	16
CONTIG-003630	139	9	28	26	0
CONTIG-003631	183	16	110	24	0
CONTIG-003632	196	42	29	336	0
CONTIG-003633	375	61	571	266	35
CONTIG-003634	81	3	4	7	0
CONTIG-003635	1293	25	250	1173	11
CONTIG-003636	207	17	218	8	0
CONTIG-003637	324	126	249	1174	35
CONTIG-003638	647	22	146	384	4
CONTIG-003639	105	12	0	52	0
CONTIG-003640	90	73	86	157	2
CONTIG-003641	112	92	815	20	0
CONTIG-003642	1446	40	124	3288	2
CONTIG-003645	239	13	23	94	4
CONTIG-003646	369	61	64	428	0
CONTIG-003647	1562	44	509	1974	28
CONTIG-003648	1195	21	302	856	19
CONTIG-003649	1122	37	169	1509	61
CONTIG-003650	270	15	75	59	0
CONTIG-003651	713	67	1908	945	17
CONTIG-003652	274	13	75	88	0
CONTIG-003653	163	396	484	1517	206
CONTIG-003654	265	119	1077	678	6
CONTIG-003655	948	41	1248	1134	2
CONTIG-003656	379	24	208	341	0
CONTIG-003657	994	23	195	659	0

CONTIG-003658	92	10	5	22	0
CONTIG-003659	204	20	24	156	0
CONTIG-003668	1432	45	250	2467	9
CONTIG-003669	160	595	5059	158	57
CONTIG-003670	304	23	270	95	2
CONTIG-003671	1853	35	1850	1567	26
CONTIG-003672	562	22	39	594	11
CONTIG-003673	610	16	206	285	0
CONTIG-003674	571	34	282	670	17
CONTIG-003675	402	91	355	547	13
CONTIG-003681	110	4	7	13	0
CONTIG-003682	131	35	19	262	0
CONTIG-003683	93	7	0	18	0
CONTIG-003684	247	47	9	325	0
CONTIG-003685	499	52	340	1378	0
CONTIG-003686	453	69	593	1506	0
CONTIG-003687	53	165	673	18	0
CONTIG-003688	134	476	1022	1438	169
CONTIG-003689	848	21	199	450	4
CONTIG-003690	326	12	27	65	6
CONTIG-003691	621	16	26	308	6
CONTIG-003692	268	22	46	217	2
CONTIG-003693	1114	66	922	2330	56
CONTIG-003694	363	128	178	1572	252
CONTIG-003696	256	226	50	5	0
CONTIG-003697	773	30	644	541	4
CONTIG-003698	54	479	441	441	30
CONTIG-003699	343	13	65	158	0
CONTIG-003700	181	327	678	2843	39
CONTIG-003701	100	23	61	22	4
CONTIG-003702	87	513	403	813	145
CONTIG-003703	278	22	147	64	0
CONTIG-003704	319	95	2585	3	68
CONTIG-003705	130	30	106	110	0
CONTIG-003706	1342	63	1024	3418	10
CONTIG-003707	170	61	117	97	2
CONTIG-003708	888	32	217	587	67
CONTIG-003709	198	7	0	29	0
CONTIG-003710	102	789	1216	1223	184
CONTIG-003711	544	20	87	562	0
CONTIG-003712	184	49	1050	0	0
CONTIG-003713	361	9	15	95	0
CONTIG-003714	97	10	12	9	0
CONTIG-003715	408	12	75	123	0
CONTIG-003716	176	6	19	30	0
CONTIG-003717	1848	45	196	1432	27
CONTIG-003718	111	6	13	0	0

CONTIG-003719	56	540	484	563	72
CONTIG-003720	151	5	2	16	0
CONTIG-003721	591	19	47	132	2
CONTIG-003722	96	203	455	700	6
CONTIG-003723	344	13	23	111	4
CONTIG-003724	328	264	1986	3640	14
CONTIG-003725	238	11	21	92	0
CONTIG-003726	87	17	70	4	0
CONTIG-003727	85	8	24	9	0
CONTIG-003729	209	14	13	150	0
CONTIG-003730	182	18	81	85	0
CONTIG-003731	824	30	122	1170	0
CONTIG-003737	139	8	0	44	0
CONTIG-003738	760	18	392	375	2
CONTIG-003739	142	369	165	1363	97
CONTIG-003740	207	20	239	79	0
CONTIG-003741	92	3	4	2	0
CONTIG-003742	590	46	407	934	0
CONTIG-003743	675	14	121	354	3
CONTIG-003744	374	10	67	95	0
CONTIG-003745	364	103	414	993	17
CONTIG-003746	487	201	422	2092	2
CONTIG-003747	99	115	1021	0	10
CONTIG-003749	236	16	31	109	0
CONTIG-003750	92	5	11	9	0
CONTIG-003751	690	56	264	575	9
CONTIG-003752	143	193	545	664	14
CONTIG-003754	429	37	321	401	26
CONTIG-003755	78	950	2221	1282	4
CONTIG-003756	280	137	318	1430	26
CONTIG-003757	59	465	227	586	89
CONTIG-003758	61	3	0	0	0
CONTIG-003759	916	32	122	1343	2
CONTIG-003760	183	173	370	591	78
CONTIG-003761	154	84	101	91	19
CONTIG-003762	1163	76	1004	2483	381
CONTIG-003763	66	23	34	12	0
CONTIG-003764	777	32	451	800	9
CONTIG-003765	336	29	43	366	0
CONTIG-003766	182	18	41	56	0
CONTIG-003774	529	69	382	696	44
CONTIG-003775	169	18	41	67	0
CONTIG-003776	549	12	311	147	0
CONTIG-003777	91	20	178	4	0
CONTIG-003778	454	14	254	137	0
CONTIG-003779	100	4	2	7	0
CONTIG-003780	187	525	1568	1787	157

CONTIG-003782	292	184	451	953	286
CONTIG-003783	118	7	4	37	0
CONTIG-003784	88	10	33	0	0
CONTIG-003785	702	40	193	852	2
CONTIG-003786	84	21	93	5	0
CONTIG-003794	1068	30	71	1313	8
CONTIG-003795	622	92	219	3496	20
CONTIG-003796	318	15	51	160	0
CONTIG-003797	1275	78	137	43	0
CONTIG-003798	410	41	431	292	21
CONTIG-003801	629	13	73	275	2
CONTIG-003802	322	246	220	1615	16
CONTIG-003803	838	29	511	911	8
CONTIG-003804	1191	54	1262	2869	0
CONTIG-003805	59	6	4	7	0
CONTIG-003806	49	100	8	10	0
CONTIG-003808	311	182	786	1052	69
CONTIG-003809	166	23	296	13	0
CONTIG-003810	549	22	234	358	0
CONTIG-003811	294	16	49	52	0
CONTIG-003812	60	11	29	4	0
CONTIG-003813	127	5	0	19	0
CONTIG-003814	100	4	10	5	0
CONTIG-003816	133	14	3	73	0
CONTIG-003817	376	26	63	449	2
CONTIG-003818	218	20	93	137	0
CONTIG-003819	179	167	279	746	17
CONTIG-003826	878	24	125	906	5
CONTIG-003827	51	108	299	101	2
CONTIG-003828	209	28	206	67	0
CONTIG-003829	207	7	11	50	2
CONTIG-003830	1786	44	593	2542	143
CONTIG-003831	182	11	85	32	0
CONTIG-003832	409	38	685	465	0
CONTIG-003833	63	61	25	45	0
CONTIG-003834	124	5	2	0	2
CONTIG-003835	238	83	369	438	0
CONTIG-003838	135	7	3	36	0
CONTIG-003840	125	7	8	16	0
CONTIG-003841	526	16	101	217	2
CONTIG-003842	106	12	80	4	0
CONTIG-003847	785	44	160	936	74
CONTIG-003848	509	13	117	225	8
CONTIG-003849	66	12	54	2	0
CONTIG-003856	85	1146	1523	760	75
CONTIG-003857	423	262	1008	2353	383
CONTIG-003858	356	183	298	1431	187

CONTIG-003859	192	10	4	52	0
CONTIG-003860	402	14	81	141	0
CONTIG-003861	764	19	146	451	2
CONTIG-003864	64	555	399	623	81
CONTIG-003865	289	22	160	33	0
CONTIG-003866	576	97	806	2897	0
CONTIG-003867	85	22	20	87	2
CONTIG-003868	415	13	11	28	0
CONTIG-003869	403	168	607	1983	62
CONTIG-003870	212	18	87	129	0
CONTIG-003871	221	12	28	71	0
CONTIG-003872	820	61	788	865	151
CONTIG-003873	257	28	361	177	0
CONTIG-003877	177	295	1450	1033	107
CONTIG-003878	449	25	873	86	0
CONTIG-003882	368	26	162	318	0
CONTIG-003888	88	10	11	0	0
CONTIG-003889	534	19	21	23	0
CONTIG-003890	51	662	73	642	11
CONTIG-003891	466	97	902	1737	15
CONTIG-003892	334	8	7	11	0
CONTIG-003893	143	8	5	25	0
CONTIG-003894	272	6	2	36	0
CONTIG-003895	138	216	243	1333	22
CONTIG-003896	802	58	139	1919	15
CONTIG-003897	104	459	382	1030	108
CONTIG-003898	180	78	1053	142	0
CONTIG-003899	469	12	2	161	0
CONTIG-003900	2078	118	389	15985	3
CONTIG-003901	76	36	44	98	0
CONTIG-003903	1386	54	1029	2719	38
CONTIG-003904	595	15	67	335	0
CONTIG-003906	112	23	30	118	0
CONTIG-003907	1493	46	1394	2612	17
CONTIG-003908	393	25	377	191	0
CONTIG-003909	556	33	266	755	2
CONTIG-003910	516	13	66	128	0
CONTIG-003911	468	37	80	816	0
CONTIG-003912	252	40	158	323	2
CONTIG-003913	221	37	322	186	0
CONTIG-003914	277	98	1273	650	0
CONTIG-003915	88	4	2	2	0
CONTIG-003916	797	46	277	1080	40
CONTIG-003917	77	313	330	302	45
CONTIG-003918	319	11	123	68	0
CONTIG-003919	578	20	125	306	3
CONTIG-003920	86	17	29	60	0

CONTIG-003921	124	8	20	16	0
CONTIG-003922	227	536	1573	2440	324
CONTIG-003923	577	14	68	217	0
CONTIG-003924	221	10	24	51	0
CONTIG-003925	169	7	12	32	0
CONTIG-003932	156	660	324	2030	185
CONTIG-003933	384	41	1035	325	0
CONTIG-003934	168	11	88	17	0
CONTIG-003935	212	20	40	93	2
CONTIG-003936	103	12	70	10	0
CONTIG-003937	373	8	88	59	0
CONTIG-003938	139	674	728	2498	190
CONTIG-003939	436	112	46	2967	70
CONTIG-003940	344	13	19	218	0
CONTIG-003941	604	24	119	512	2
CONTIG-003942	151	191	1015	1191	0
CONTIG-003950	184	25	126	141	2
CONTIG-003958	260	125	85	1092	31
CONTIG-003959	82	8	31	3	0
CONTIG-003960	389	17	95	229	2
CONTIG-003965	96	27	144	0	0
CONTIG-003966	316	16	7	131	0
CONTIG-003969	275	115	111	1130	20
CONTIG-003970	181	564	179	2205	28
CONTIG-003972	110	9	22	16	0
CONTIG-003973	328	9	30	96	0
CONTIG-003974	276	18	46	182	0
CONTIG-003975	1915	65	7326	2864	10
CONTIG-003976	147	19	17	0	0
CONTIG-003977	690	18	100	343	8
CONTIG-003978	88	15	110	0	2
CONTIG-003979	303	10	47	61	4
CONTIG-003980	79	6	12	11	0
CONTIG-003981	336	22	318	237	0
CONTIG-003982	317	12	89	76	0
CONTIG-003983	130	7	14	26	0
CONTIG-003984	136	8	12	27	0
CONTIG-003987	385	42	498	402	2
CONTIG-003988	1485	44	1467	1867	39
CONTIG-003989	643	22	644	368	0
CONTIG-003990	2090	63	1240	7686	15
CONTIG-003991	459	49	171	248	20
CONTIG-003992	1715	25	314	2063	4
CONTIG-003993	246	16	27	64	0
CONTIG-003994	794	14	67	530	0
CONTIG-003995	95	4	4	6	0
CONTIG-003996	571	18	118	361	0

CONTIG-003997	907	43	303	1374	12
CONTIG-003998	202	336	1962	1360	140
CONTIG-003999	829	102	283	4586	17
CONTIG-004000	200	17	117	58	0
CONTIG-004001	87	5	14	8	0
CONTIG-004002	142	20	53	98	0
CONTIG-004003	351	11	161	47	0
CONTIG-004006	58	49	274	0	0
CONTIG-004007	1731	26	426	1307	12
CONTIG-004008	751	40	813	727	6
CONTIG-004010	182	13	14	21	0
CONTIG-004011	61	18	96	0	0
CONTIG-004013	297	17	24	156	0
CONTIG-004014	1337	115	209	9650	2
CONTIG-004015	351	28	414	133	0
CONTIG-004016	1481	55	1044	2811	32
CONTIG-004017	94	10	25	16	0
CONTIG-004018	363	467	5162	2628	180
CONTIG-004019	714	12	112	26	0
CONTIG-004021	266	23	336	78	0
CONTIG-004022	386	21	292	2	0
CONTIG-004023	59	5	2	0	0
CONTIG-004027	120	416	782	551	178
CONTIG-004028	894	15	94	483	0
CONTIG-004029	341	22	107	221	0
CONTIG-004032	177	17	36	44	6
CONTIG-004033	508	32	149	539	4
CONTIG-004034	252	24	83	129	11
CONTIG-004035	93	4	2	0	0
CONTIG-004038	573	51	419	406	11
CONTIG-004039	226	98	232	386	0
CONTIG-004040	404	100	632	627	17
CONTIG-004041	342	21	153	161	17
CONTIG-004042	814	39	212	1019	28
CONTIG-004043	455	17	201	125	4
CONTIG-004045	125	1204	4830	1294	125
CONTIG-004046	666	24	223	505	0
CONTIG-004054	128	25	229	34	0
CONTIG-004055	149	12	4	54	0
CONTIG-004056	53	33	117	9	0
CONTIG-004057	42	425	339	448	6
CONTIG-004058	341	21	70	220	7
CONTIG-004059	141	415	4456	53	12
CONTIG-004060	165	154	90	563	62
CONTIG-004061	1257	23	337	954	13
CONTIG-004062	681	11	92	248	2
CONTIG-004063	671	35	268	757	29

CONTIG-004064	707	68	494	2523	0
CONTIG-004067	207	19	9	199	2
CONTIG-004070	1280	45	353	3069	5
CONTIG-004071	254	24	358	131	0
CONTIG-004072	417	18	156	174	2
CONTIG-004080	166	27	150	190	0
CONTIG-004081	483	11	33	96	0
CONTIG-004082	208	13	106	43	0
CONTIG-004083	253	10	22	67	0
CONTIG-004084	197	17	58	103	0
CONTIG-004085	313	27	87	71	0
CONTIG-004086	1186	87	311	6096	0
CONTIG-004087	331	19	30	123	2
CONTIG-004088	365	27	89	341	4
CONTIG-004089	285	162	1864	1088	39
CONTIG-004090	100	40	428	6	0
CONTIG-004091	350	13	97	149	0
CONTIG-004092	574	23	104	548	0
CONTIG-004093	147	218	260	994	77
CONTIG-004094	618	32	79	616	17
CONTIG-004095	442	24	124	349	2
CONTIG-004096	1324	45	967	1652	35
CONTIG-004097	867	19	413	491	0
CONTIG-004099	54	163	186	336	0
CONTIG-004100	934	80	1062	1433	105
CONTIG-004101	1044	29	211	872	67
CONTIG-004103	179	630	797	5313	96
CONTIG-004104	769	232	1225	8161	188
CONTIG-004105	491	18	109	286	0
CONTIG-004106	409	13	136	153	0
CONTIG-004107	635	17	106	257	2
CONTIG-004108	315	258	1863	1853	130
CONTIG-004109	213	17	94	154	0
CONTIG-004110	1290	53	109	3849	0
CONTIG-004111	639	42	182	968	20
CONTIG-004112	283	5	8	33	0
CONTIG-004113	127	28	35	99	0
CONTIG-004119	179	8	7	55	0
CONTIG-004120	378	45	695	517	0
CONTIG-004121	567	20	101	214	0
CONTIG-004124	490	37	749	532	0
CONTIG-004125	259	10	31	117	0
CONTIG-004131	92	8	0	11	0
CONTIG-004132	60	5	15	4	0
CONTIG-004133	46	183	74	208	9
CONTIG-004134	152	364	761	1059	145
CONTIG-004135	153	13	111	3	0

CONTIG-004136	1708	31	767	717	7
CONTIG-004137	165	148	1400	556	0
CONTIG-004138	71	5	12	2	0
CONTIG-004139	1322	19	247	838	2
CONTIG-004140	58	5	8	0	0
CONTIG-004141	74	54	6	247	0
CONTIG-004144	123	5	7	4	0
CONTIG-004145	1020	85	2403	2789	0
CONTIG-004146	183	9	14	70	0
CONTIG-004147	86	8	13	17	0
CONTIG-004152	219	9	37	22	0
CONTIG-004153	417	15	43	10	0
CONTIG-004156	224	138	310	937	0
CONTIG-004157	340	473	1172	3261	471
CONTIG-004159	280	373	1059	2511	333
CONTIG-004160	134	13	76	23	0
CONTIG-004161	132	219	167	779	178
CONTIG-004162	138	206	1604	8	13
CONTIG-004163	463	16	98	178	0
CONTIG-004164	653	9	45	267	0
CONTIG-004165	338	62	10	10	0
CONTIG-004166	171	18	20	120	0
CONTIG-004167	227	16	17	205	0
CONTIG-004168	348	9	60	93	0
CONTIG-004169	231	655	1411	3332	242
CONTIG-004170	160	13	31	52	2
CONTIG-004171	767	22	431	388	7
CONTIG-004172	69	6	2	3	0
CONTIG-004174	1779	27	269	2416	4
CONTIG-004175	594	145	563	1519	0
CONTIG-004176	392	13	27	94	0
CONTIG-004177	372	10	42	93	0
CONTIG-004178	834	17	61	458	0
CONTIG-004179	285	13	61	99	0
CONTIG-004180	448	31	276	387	6
CONTIG-004181	96	119	774	160	0
CONTIG-004182	639	23	20	151	0
CONTIG-004183	725	21	273	615	0
CONTIG-004184	286	11	21	70	0
CONTIG-004186	2213	26	377	1362	153
CONTIG-004187	262	13	33	126	0
CONTIG-004188	356	22	263	202	2
CONTIG-004189	1116	48	432	1354	60
CONTIG-004190	986	118	538	5425	0
CONTIG-004191	327	55	165	668	8
CONTIG-004192	64	11	22	9	0
CONTIG-004193	304	176	1389	455	27

CONTIG-004201	1674	90	492	6596	4
CONTIG-004202	106	5	3	13	0
CONTIG-004209	159	13	100	56	0
CONTIG-004211	152	13	9	64	2
CONTIG-004212	111	192	342	763	3
CONTIG-004213	52	143	83	97	0
CONTIG-004214	154	56	422	115	0
CONTIG-004215	340	106	242	1216	20
CONTIG-004216	78	4	13	2	0
CONTIG-004217	428	59	425	1053	0
CONTIG-004218	907	113	223	6424	0
CONTIG-004219	293	11	34	62	15
CONTIG-004220	90	7	7	16	0
CONTIG-004221	613	19	129	157	4
CONTIG-004222	287	323	1332	3258	178
CONTIG-004223	395	13	179	98	2
CONTIG-004224	414	13	21	210	0
CONTIG-004225	1020	65	961	1351	142
CONTIG-004226	58	65	373	16	0
CONTIG-004227	287	18	86	83	0
CONTIG-004228	38	867	479	695	32
CONTIG-004229	246	224	1273	2050	53
CONTIG-004230	509	22	255	256	2
CONTIG-004231	78	34	221	4	0
CONTIG-004232	1051	57	373	3046	14
CONTIG-004237	66	489	221	1026	56
CONTIG-004238	91	178	540	568	15
CONTIG-004239	203	12	83	97	0
CONTIG-004240	196	284	1019	1306	121
CONTIG-004241	213	12	87	63	0
CONTIG-004242	564	18	145	414	2
CONTIG-004243	273	12	26	58	0
CONTIG-004244	180	378	67	1217	307
CONTIG-004245	178	8	29	33	0
CONTIG-004246	204	9	6	50	0
CONTIG-004247	271	40	91	385	2
CONTIG-004248	149	704	1064	2300	261
CONTIG-004249	155	9	14	57	0
CONTIG-004250	406	29	467	285	0
CONTIG-004251	145	15	35	53	0
CONTIG-004252	573	11	182	154	0
CONTIG-004255	51	722	226	922	65
CONTIG-004256	475	35	97	594	9
CONTIG-004257	239	20	127	99	0
CONTIG-004266	314	42	177	396	2
CONTIG-004267	110	101	125	351	0
CONTIG-004268	868	28	1021	579	2

CONTIG-004269	295	15	92	96	0
CONTIG-004270	245	22	51	266	0
CONTIG-004271	116	80	858	0	0
CONTIG-004272	108	5	0	7	0
CONTIG-004273	339	67	151	538	15
CONTIG-004274	506	15	83	137	4
CONTIG-004276	470	36	64	615	4
CONTIG-004277	99	10	41	11	0
CONTIG-004278	268	335	6467	629	90
CONTIG-004279	145	9	18	53	0
CONTIG-004280	97	42	29	148	5
CONTIG-004281	856	58	393	1625	12
CONTIG-004282	59	10	29	4	0
CONTIG-004283	593	10	27	230	0
CONTIG-004285	198	688	854	5587	2
CONTIG-004286	484	18	26	193	2
CONTIG-004287	303	79	289	491	16
CONTIG-004288	208	29	82	281	0
CONTIG-004289	76	5	2	7	2
CONTIG-004290	74	183	610	478	0
CONTIG-004291	343	13	55	169	0
CONTIG-004292	584	23	432	532	0
CONTIG-004293	108	15	2	53	0
CONTIG-004294	1432	23	225	877	3
CONTIG-004295	520	129	1311	1736	76
CONTIG-004296	75	5	3	2	0
CONTIG-004297	91	7	6	21	0
CONTIG-004298	85	6	7	2	0
CONTIG-004299	196	35	75	331	0
CONTIG-004300	120	6	8	15	0
CONTIG-004301	79	14	18	31	0
CONTIG-004302	922	168	1067	3785	913
CONTIG-004303	325	193	1637	3098	0
CONTIG-004304	1104	48	637	1665	2
CONTIG-004305	94	5	2	9	0
CONTIG-004306	296	422	1607	3792	157
CONTIG-004307	1348	34	345	1448	11
CONTIG-004308	53	165	126	59	30
CONTIG-004309	235	12	22	78	2
CONTIG-004310	99	78	128	12	21
CONTIG-004311	49	111	381	55	3
CONTIG-004312	636	187	549	4072	156
CONTIG-004313	80	8	4	23	0
CONTIG-004314	259	8	79	32	3
CONTIG-004315	128	198	21	1186	2
CONTIG-004316	470	24	204	446	0
CONTIG-004317	106	396	443	813	78

CONTIG-004318	94	976	488	3195	308
CONTIG-004320	90	10	49	0	0
CONTIG-004321	92	506	1955	915	39
CONTIG-004322	68	4	6	5	0
CONTIG-004323	312	24	373	173	0
CONTIG-004324	97	12	6	11	0
CONTIG-004325	188	250	191	2057	4
CONTIG-004327	1098	44	940	1070	11
CONTIG-004328	370	14	126	142	4
CONTIG-004329	152	21	40	45	0
CONTIG-004330	201	11	18	45	0
CONTIG-004331	247	11	45	94	0
CONTIG-004332	63	4	4	5	0
CONTIG-004333	361	65	246	764	17
CONTIG-004334	637	22	38	526	6
CONTIG-004335	461	10	38	161	3
CONTIG-004336	2013	71	1315	6479	17
CONTIG-004337	221	10	81	70	0
CONTIG-004339	1612	40	527	1940	119
CONTIG-004340	528	40	224	275	2
CONTIG-004341	58	91	493	35	0
CONTIG-004342	180	16	55	62	0
CONTIG-004343	87	271	645	12	10
CONTIG-004349	1370	27	201	1760	6
CONTIG-004350	234	14	43	163	0
CONTIG-004351	1060	22	279	986	6
CONTIG-004352	666	27	363	319	3
CONTIG-004353	166	8	12	26	2
CONTIG-004354	880	45	1653	1078	2
CONTIG-004355	149	9	2	36	2
CONTIG-004356	410	39	66	581	21
CONTIG-004357	76	3	3	7	0
CONTIG-004358	384	16	20	242	0
CONTIG-004359	342	40	71	224	13
CONTIG-004360	241	121	37	1323	0
CONTIG-004368	337	178	1319	2549	28
CONTIG-004369	864	122	562	3432	215
CONTIG-004370	211	45	240	234	0
CONTIG-004371	1738	174	1556	7760	1864
CONTIG-004372	258	17	49	208	0
CONTIG-004373	235	25	17	263	0
CONTIG-004374	107	143	178	653	12
CONTIG-004375	1589	57	1204	4074	6
CONTIG-004376	159	135	352	884	9
CONTIG-004377	369	62	664	725	0
CONTIG-004378	639	106	1211	1556	21
CONTIG-004379	344	20	107	199	0

CONTIG-004380	271	9	91	45	0
CONTIG-004381	158	58	207	158	2
CONTIG-004382	283	18	27	154	0
CONTIG-004383	128	457	436	2648	24
CONTIG-004386	868	117	663	2832	682
CONTIG-004387	100	10	8	44	0
CONTIG-004388	859	75	711	2482	51
CONTIG-004394	433	19	22	124	2
CONTIG-004395	46	600	148	449	44
CONTIG-004396	138	38	488	0	0
CONTIG-004397	560	13	57	211	0
CONTIG-004398	230	40	284	190	8
CONTIG-004399	119	37	147	46	0
CONTIG-004400	346	18	177	168	2
CONTIG-004401	1703	34	1353	2275	6
CONTIG-004402	572	29	336	466	13
CONTIG-004403	260	10	60	85	0
CONTIG-004404	117	379	556	1659	43
CONTIG-004405	391	21	213	105	2
CONTIG-004406	191	10	15	63	0
CONTIG-004407	143	36	101	24	2
CONTIG-004408	59	4	4	5	0
CONTIG-004409	80	8	2	14	0
CONTIG-004410	620	31	1180	298	0
CONTIG-004411	91	7	7	18	0
CONTIG-004412	1790	68	1857	5235	27
CONTIG-004413	212	42	160	87	5
CONTIG-004414	77	478	612	719	101
CONTIG-004415	189	310	2768	200	22
CONTIG-004416	77	10	11	24	0
CONTIG-004417	394	12	17	216	0
CONTIG-004426	102	312	937	368	25
CONTIG-004427	911	17	276	240	2
CONTIG-004428	373	71	1740	554	0
CONTIG-004429	275	53	306	346	0
CONTIG-004430	456	58	600	1044	2
CONTIG-004431	840	68	875	2446	0
CONTIG-004432	1002	36	1817	694	16
CONTIG-004433	729	72	238	2707	4
CONTIG-004434	408	99	455	1374	13
CONTIG-004435	430	13	39	214	0
CONTIG-004436	74	7	7	11	0
CONTIG-004437	59	6	3	10	0
CONTIG-004438	326	250	494	4248	23
CONTIG-004439	617	26	294	310	6
CONTIG-004440	75	5	5	2	0
CONTIG-004441	435	8	24	106	0

CONTIG-004442	391	14	33	73	2
CONTIG-004444	1287	90	380	7389	2
CONTIG-004445	85	10	31	12	0
CONTIG-004446	507	29	147	300	11
CONTIG-004447	475	152	431	1435	0
CONTIG-004448	168	9	48	19	0
CONTIG-004449	39	202	161	152	0
CONTIG-004454	193	58	147	246	2
CONTIG-004456	122	9	48	20	0
CONTIG-004465	647	48	308	726	12
CONTIG-004467	1184	44	437	2014	76
CONTIG-004468	1364	109	1156	5693	469
CONTIG-004469	982	24	279	572	10
CONTIG-004470	456	38	973	415	0
CONTIG-004471	783	22	178	696	2
CONTIG-004477	336	120	390	1541	25
CONTIG-004478	1213	108	1233	3030	287
CONTIG-004479	130	694	2187	1690	112
CONTIG-004480	53	300	8	0	98
CONTIG-004481	106	472	1120	516	77
CONTIG-004482	57	59	108	15	2
CONTIG-004483	78	468	528	1159	2
CONTIG-004484	216	180	686	920	99
CONTIG-004485	1023	24	290	395	7
CONTIG-004488	156	7	14	16	0
CONTIG-004489	249	18	80	135	0
CONTIG-004490	241	11	47	86	0
CONTIG-004491	173	11	27	43	0
CONTIG-004492	1692	61	2269	4172	15
CONTIG-004493	1068	30	27	1425	35
CONTIG-004494	257	215	2349	717	126
CONTIG-004495	808	17	285	362	0
CONTIG-004496	731	11	82	171	0
CONTIG-004497	221	22	89	108	12
CONTIG-004498	1182	21	445	996	4
CONTIG-004499	85	196	686	574	0
CONTIG-004500	443	36	274	268	0
CONTIG-004501	191	252	1645	919	107
CONTIG-004502	944	36	517	1504	6
CONTIG-004513	311	404	4764	1257	155
CONTIG-004514	124	14	3	49	2
CONTIG-004515	581	151	741	3880	146
CONTIG-004516	305	48	587	345	0
CONTIG-004517	175	20	5	94	0
CONTIG-004518	400	23	89	135	0
CONTIG-004520	291	12	53	143	0
CONTIG-004521	315	10	45	81	0

CONTIG-004522	403	11	12	170	2
CONTIG-004523	581	14	236	190	0
CONTIG-004525	274	26	92	314	4
CONTIG-004526	1099	46	840	2497	0
CONTIG-004527	188	280	601	1904	9
CONTIG-004528	295	10	43	76	2
CONTIG-004529	1629	21	207	1293	8
CONTIG-004530	101	181	160	371	58
CONTIG-004531	623	14	106	273	4
CONTIG-004533	724	15	163	258	4
CONTIG-004536	434	113	470	1040	163
CONTIG-004537	49	573	2191	0	13
CONTIG-004538	105	14	36	48	0
CONTIG-004539	1253	36	321	1482	25
CONTIG-004540	289	51	30	882	0
CONTIG-004542	176	15	13	53	0
CONTIG-004543	1645	17	253	783	13
CONTIG-004544	827	17	97	471	2
CONTIG-004545	67	57	159	2	2
CONTIG-004546	1027	25	259	904	8
CONTIG-004547	265	27	467	95	0
CONTIG-004548	254	23	100	59	0
CONTIG-004551	159	13	26	77	0
CONTIG-004552	373	8	42	97	0
CONTIG-004558	357	15	164	83	0
CONTIG-004559	121	9	10	43	0
CONTIG-004560	132	24	60	151	0
CONTIG-004561	474	18	123	202	0
CONTIG-004562	167	12	10	87	2
CONTIG-004564	95	4	3	5	0
CONTIG-004565	140	4	3	2	0
CONTIG-004566	72	30	132	21	0
CONTIG-004567	141	9	19	4	0
CONTIG-004568	66	17	68	12	0
CONTIG-004569	155	8	19	30	0
CONTIG-004570	76	8	14	8	0
CONTIG-004576	411	33	205	385	3
CONTIG-004577	294	17	229	140	0
CONTIG-004578	742	62	353	1962	4
CONTIG-004579	297	135	532	1838	19
CONTIG-004580	108	659	449	1380	129
CONTIG-004581	59	3	2	4	0
CONTIG-004582	1190	88	1063	3367	59
CONTIG-004583	55	247	1212	6	0
CONTIG-004584	236	28	12	325	0
CONTIG-004585	571	24	555	271	0
CONTIG-004586	992	67	600	2180	15

CONTIG-004587	77	200	616	6	2
CONTIG-004588	320	22	91	226	3
CONTIG-004589	1089	18	1546	156	0
CONTIG-004590	110	13	16	37	2
CONTIG-004591	341	23	20	357	0
CONTIG-004592	314	67	611	807	0
CONTIG-004593	170	10	6	58	0
CONTIG-004594	128	12	29	29	0
CONTIG-004595	58	520	1393	226	53
CONTIG-004596	165	581	257	47	0
CONTIG-004597	212	225	320	2009	23
CONTIG-004598	602	20	35	346	8
CONTIG-004599	116	230	79	963	4
CONTIG-004600	211	16	42	146	0
CONTIG-004601	186	9	49	18	0
CONTIG-004602	1146	50	525	2034	22
CONTIG-004603	118	973	942	2360	209
CONTIG-004604	73	47	333	0	0
CONTIG-004605	78	6	4	0	0
CONTIG-004606	500	32	267	418	10
CONTIG-004607	1114	30	313	903	13
CONTIG-004608	938	13	171	264	2
CONTIG-004609	946	11	169	268	2
CONTIG-004610	282	16	139	41	0
CONTIG-004611	124	215	326	203	26
CONTIG-004612	275	19	50	135	4
CONTIG-004613	208	15	7	76	0
CONTIG-004614	373	68	1034	662	7
CONTIG-004615	80	11	7	31	0
CONTIG-004616	706	15	108	554	0
CONTIG-004617	477	38	205	954	0
CONTIG-004618	192	16	89	64	0
CONTIG-004619	1338	89	490	5573	60
CONTIG-004620	469	25	62	531	6
CONTIG-004621	367	115	442	891	23
CONTIG-004622	379	71	656	720	12
CONTIG-004623	38	1669	271	1103	2
CONTIG-004624	60	3	2	0	0
CONTIG-004625	1064	19	384	502	0
CONTIG-004626	135	91	532	118	12
CONTIG-004627	354	205	509	3169	30
CONTIG-004628	397	51	382	346	8
CONTIG-004629	767	200	476	3708	750
CONTIG-004635	378	56	660	827	0
CONTIG-004639	178	15	96	38	0
CONTIG-004641	189	13	18	77	2
CONTIG-004644	68	2	4	0	0

CONTIG-004645	322	20	133	153	2
CONTIG-004646	1193	55	406	1333	75
CONTIG-004647	229	12	44	8	0
CONTIG-004648	254	16	44	76	4
CONTIG-004649	94	7	27	9	0
CONTIG-004650	918	31	326	733	47
CONTIG-004651	1093	48	465	1687	66
CONTIG-004652	43	43	46	20	0
CONTIG-004653	215	19	40	87	2
CONTIG-004654	70	3	0	7	0
CONTIG-004655	407	59	485	233	12
CONTIG-004656	142	7	10	19	0
CONTIG-004657	178	14	78	58	0
CONTIG-004658	61	8	2	0	0
CONTIG-004660	76	268	70	962	25
CONTIG-004661	100	30	64	65	2
CONTIG-004662	126	6	27	15	0
CONTIG-004670	110	54	33	204	0
CONTIG-004671	409	12	23	73	2
CONTIG-004672	665	23	129	499	2
CONTIG-004673	42	55	207	0	0
CONTIG-004674	1408	122	1328	6856	18
CONTIG-004675	191	8	69	13	0
CONTIG-004678	64	168	102	258	30
CONTIG-004679	1272	115	795	5394	447
CONTIG-004680	1052	62	376	3203	26
CONTIG-004681	634	18	370	316	0
CONTIG-004682	53	133	21	130	0
CONTIG-004683	163	11	14	30	0
CONTIG-004684	59	140	6	231	0
CONTIG-004685	93	143	216	70	5
CONTIG-004686	907	41	642	1406	17
CONTIG-004687	780	24	255	428	11
CONTIG-004688	790	141	3475	1516	40
CONTIG-004689	306	39	86	163	8
CONTIG-004690	518	80	150	2467	0
CONTIG-004691	294	47	107	672	0
CONTIG-004692	285	31	161	87	0
CONTIG-004693	504	103	560	1092	88
CONTIG-004694	396	23	115	211	6
CONTIG-004695	1063	26	289	693	30
CONTIG-004696	71	35	80	55	6
CONTIG-004697	857	33	1543	550	7
CONTIG-004698	198	317	560	530	0
CONTIG-004699	513	19	229	225	0
CONTIG-004700	82	10	2	28	0
CONTIG-004701	201	5	14	2	0

CONTIG-004703	716	15	87	337	7
CONTIG-004704	506	29	200	552	0
CONTIG-004715	289	10	22	88	0
CONTIG-004716	272	31	99	9	0
CONTIG-004717	72	3	2	4	0
CONTIG-004718	878	64	758	1645	8
CONTIG-004719	1093	18	171	498	12
CONTIG-004720	246	76	233	372	0
CONTIG-004721	67	9	23	7	0
CONTIG-004724	600	32	426	620	0
CONTIG-004725	130	6	27	13	0
CONTIG-004735	2127	19	150	1098	13
CONTIG-004736	498	23	104	484	0
CONTIG-004738	560	36	487	445	8
CONTIG-004739	357	24	364	183	0
CONTIG-004740	85	4	0	17	0
CONTIG-004741	73	9	25	3	0
CONTIG-004742	114	15	42	0	0
CONTIG-004743	330	10	56	112	0
CONTIG-004744	127	96	91	462	0
CONTIG-004745	194	108	456	217	20
CONTIG-004746	86	68	137	261	0
CONTIG-004747	109	19	59	20	0
CONTIG-004748	187	5	4	20	0
CONTIG-004750	113	368	348	891	70
CONTIG-004751	973	367	1091	12851	695
CONTIG-004752	306	22	34	235	0
CONTIG-004754	138	13	43	49	0
CONTIG-004755	235	22	18	118	4
CONTIG-004756	417	91	1096	656	4
CONTIG-004757	507	22	103	344	2
CONTIG-004758	403	28	90	119	3
CONTIG-004759	545	93	703	1298	20
CONTIG-004760	933	21	144	438	0
CONTIG-004761	966	292	1036	9848	451
CONTIG-004762	171	545	21	0	1788
CONTIG-004763	171	15	63	94	0
CONTIG-004764	133	159	398	412	61
CONTIG-004765	509	15	238	205	0
CONTIG-004766	42	597	130	359	35
CONTIG-004767	2249	72	403	5790	198
CONTIG-004768	524	14	36	252	0
CONTIG-004769	89	108	242	219	5
CONTIG-004770	372	15	192	118	0
CONTIG-004771	1371	50	767	2133	15
CONTIG-004772	713	16	131	338	2
CONTIG-004773	107	4	6	2	0

CONTIG-004774	369	15	262	41	4
CONTIG-004775	196	12	48	50	0
CONTIG-004777	148	8	0	55	0
CONTIG-004778	1048	46	865	1917	4
CONTIG-004779	405	280	1853	1865	275
CONTIG-004783	311	10	55	51	0
CONTIG-004784	834	23	112	457	12
CONTIG-004785	86	6	2	17	0
CONTIG-004786	179	16	55	89	0
CONTIG-004787	79	8	17	6	0
CONTIG-004788	990	12	57	414	2
CONTIG-004789	111	4	0	14	0
CONTIG-004790	127	5	9	6	2
CONTIG-004791	979	34	404	945	35
CONTIG-004792	602	43	202	918	27
CONTIG-004793	445	31	220	472	4
CONTIG-004794	1258	46	446	1825	47
CONTIG-004799	248	11	17	89	0
CONTIG-004800	426	29	129	351	5
CONTIG-004801	598	70	235	2489	0
CONTIG-004802	601	13	44	211	0
CONTIG-004803	85	3	8	4	0
CONTIG-004804	89	55	54	156	2
CONTIG-004805	2502	35	562	4848	0
CONTIG-004806	335	88	555	443	9
CONTIG-004807	152	9	33	25	0
CONTIG-004808	455	22	152	273	2
CONTIG-004810	156	5	7	16	2
CONTIG-004811	701	76	1598	2462	0
CONTIG-004812	139	8	4	33	0
CONTIG-004813	90	9	50	8	0
CONTIG-004814	1005	200	2294	9493	220
CONTIG-004815	106	20	35	39	2
CONTIG-004816	1315	60	38	3804	2
CONTIG-004817	840	22	254	470	11
CONTIG-004818	303	103	99	1071	90
CONTIG-004819	118	9	18	18	0
CONTIG-004820	1075	29	755	1198	2
CONTIG-004821	51	845	653	604	22
CONTIG-004822	965	208	266	12809	4
CONTIG-004823	96	12	39	5	0
CONTIG-004824	261	15	45	86	2
CONTIG-004825	776	15	92	531	2
CONTIG-004827	157	281	997	1760	33
CONTIG-004828	1102	58	454	2130	136
CONTIG-004829	128	44	215	146	0
CONTIG-004836	75	59	137	26	8

CONTIG-004837	1057	42	1159	947	33
CONTIG-004838	112	12	20	51	0
CONTIG-004839	358	132	557	1459	15
CONTIG-004840	181	8	0	3	0
CONTIG-004841	91	7	32	4	0
CONTIG-004842	153	24	142	15	0
CONTIG-004843	360	21	202	222	2
CONTIG-004844	187	11	24	73	0
CONTIG-004845	1760	26	328	1550	55
CONTIG-004846	103	244	53	980	0
CONTIG-004848	373	38	857	0	67
CONTIG-004849	900	29	166	861	17
CONTIG-004850	49	493	184	394	35
CONTIG-004852	816	47	517	66	206
CONTIG-004853	345	92	211	1231	9
CONTIG-004854	165	15	57	82	0
CONTIG-004867	197	18	136	64	2
CONTIG-004868	425	11	57	181	0
CONTIG-004870	618	17	474	213	0
CONTIG-004871	90	7	0	14	0
CONTIG-004872	1282	16	13	1211	0
CONTIG-004873	1552	61	1123	3032	146
CONTIG-004874	105	11	32	10	0
CONTIG-004875	123	184	89	643	52
CONTIG-004876	211	25	42	80	8
CONTIG-004877	199	8	15	67	0
CONTIG-004878	292	64	584	247	6
CONTIG-004879	249	370	1945	1787	217
CONTIG-004880	117	685	256	2373	207
CONTIG-004885	131	255	231	775	108
CONTIG-004886	139	69	260	83	18
CONTIG-004887	505	206	371	2272	371
CONTIG-004889	242	8	33	44	0
CONTIG-004890	117	9	92	4	0
CONTIG-004891	723	55	1275	937	62
CONTIG-004892	435	67	507	1147	2
CONTIG-004893	85	2	0	5	0
CONTIG-004894	56	668	276	1369	0
CONTIG-004895	121	7	29	14	0
CONTIG-004896	93	22	54	33	2
CONTIG-004897	251	13	117	39	0
CONTIG-004898	723	71	350	1647	80
CONTIG-004899	558	18	80	398	0
CONTIG-004900	206	13	19	40	6
CONTIG-004904	285	18	216	107	0
CONTIG-004914	317	19	74	138	2
CONTIG-004915	2108	81	1167	5142	227

CONTIG-004919	712	33	450	279	0
CONTIG-004921	934	20	437	436	0
CONTIG-004922	535	12	76	231	0
CONTIG-004923	634	28	145	635	13
CONTIG-004924	1754	33	1285	1765	20
CONTIG-004925	98	52	544	0	0
CONTIG-004926	940	22	364	932	0
CONTIG-004927	631	15	149	173	2
CONTIG-004928	411	75	1826	537	4
CONTIG-004936	82	155	316	512	0
CONTIG-004937	671	29	349	713	2
CONTIG-004938	68	32	111	21	0
CONTIG-004939	333	23	48	214	2
CONTIG-004940	736	38	87	1429	12
CONTIG-004941	332	26	95	365	2
CONTIG-004942	708	25	479	452	2
CONTIG-004943	541	336	2739	3647	486
CONTIG-004944	152	6	2	30	0
CONTIG-004945	140	11	20	48	3
CONTIG-004946	1047	40	245	1893	16
CONTIG-004947	76	1443	727	2352	203
CONTIG-004948	1099	87	955	5426	17
CONTIG-004949	801	8	84	92	0
CONTIG-004953	265	31	338	142	2
CONTIG-004954	134	5	0	11	0
CONTIG-004956	75	5	0	8	0
CONTIG-004957	82	4	16	6	0
CONTIG-004958	293	35	142	386	2
CONTIG-004959	698	26	425	552	4
CONTIG-004960	491	24	663	98	0
CONTIG-004961	331	27	64	255	10
CONTIG-004962	94	579	685	725	121
CONTIG-004967	1469	100	313	6186	213
CONTIG-004968	321	17	53	142	4
CONTIG-004969	242	5	20	11	0
CONTIG-004972	292	5	5	31	0
CONTIG-004973	733	26	246	686	31
CONTIG-004975	543	14	159	113	2
CONTIG-004976	346	42	1160	6	10
CONTIG-004977	112	4	4	0	0
CONTIG-004978	468	376	2005	3762	449
CONTIG-004979	708	20	67	235	2
CONTIG-004980	458	64	66	1256	0
CONTIG-004981	193	12	7	6	0
CONTIG-004982	79	11	2	26	0
CONTIG-004984	384	10	29	131	6
CONTIG-004985	624	33	858	532	0

CONTIG-004986	1297	25	196	1439	0
CONTIG-004991	1060	34	70	1915	0
CONTIG-004993	1475	80	1167	5443	20
CONTIG-004995	1473	96	1972	3710	650
CONTIG-004996	254	9	15	66	0
CONTIG-004997	182	16	74	83	0
CONTIG-005003	312	157	232	1777	181
CONTIG-005004	522	38	188	608	4
CONTIG-005005	457	25	80	450	2
CONTIG-005006	69	28	86	2	0
CONTIG-005007	73	35	65	36	0
CONTIG-005008	1863	20	250	1104	10
CONTIG-005009	362	34	28	479	0
CONTIG-005010	238	8	33	22	0
CONTIG-005015	53	835	225	524	190
CONTIG-005016	40	967	204	441	147
CONTIG-005017	66	5	5	10	0
CONTIG-005018	55	80	17	32	0
CONTIG-005019	192	28	474	4	2
CONTIG-005020	825	27	570	421	2
CONTIG-005021	1050	25	114	960	4
CONTIG-005026	365	14	311	90	0
CONTIG-005029	248	15	137	100	4
CONTIG-005034	389	32	180	140	8
CONTIG-005046	327	18	40	118	2
CONTIG-005048	129	39	539	0	0
CONTIG-005049	1149	19	330	676	6
CONTIG-005050	94	289	1499	23	0
CONTIG-005051	66	4	10	2	0
CONTIG-005052	170	5	8	32	0
CONTIG-005053	89	6	4	0	2
CONTIG-005054	170	262	1033	299	31
CONTIG-005056	168	5	10	24	0
CONTIG-005057	1062	22	280	578	30
CONTIG-005058	130	9	30	24	0
CONTIG-005059	192	7	12	25	0
CONTIG-005060	374	18	43	132	0
CONTIG-005061	1550	46	297	2321	27
CONTIG-005062	688	25	156	735	0
CONTIG-005063	179	71	370	462	5
CONTIG-005064	1079	29	257	1240	33
CONTIG-005065	431	57	243	1198	4
CONTIG-005066	408	37	514	472	2
CONTIG-005067	49	134	111	33	0
CONTIG-005068	476	100	2672	1250	0
CONTIG-005069	607	45	164	716	38
CONTIG-005070	376	35	88	722	0

CONTIG-005071	208	75	142	242	0
CONTIG-005072	414	45	555	321	5
CONTIG-005073	777	40	1548	482	4
CONTIG-005074	259	7	36	27	0
CONTIG-005075	1660	23	454	1630	0
CONTIG-005076	1538	22	10	34	0
CONTIG-005078	47	96	265	23	0
CONTIG-005079	168	13	77	4	2
CONTIG-005080	495	140	1371	1801	208
CONTIG-005081	199	30	79	138	0
CONTIG-005082	94	3	3	8	0
CONTIG-005083	1060	49	632	2459	18
CONTIG-005084	155	17	16	51	0
CONTIG-005085	126	13	25	27	0
CONTIG-005086	226	14	41	102	0
CONTIG-005089	101	162	439	698	0
CONTIG-005090	55	802	755	661	51
CONTIG-005091	224	5	16	34	0
CONTIG-005092	64	110	13	284	0
CONTIG-005093	1193	20	174	698	4
CONTIG-005094	47	22	16	32	0
CONTIG-005095	64	223	35	464	0
CONTIG-005096	1010	49	1161	1065	6
CONTIG-005098	289	10	53	41	0
CONTIG-005101	175	4	12	15	0
CONTIG-005102	443	27	69	259	0
CONTIG-005103	94	604	1100	1092	99
CONTIG-005104	185	1204	1461	6526	458
CONTIG-005105	171	9	26	32	0
CONTIG-005106	671	87	463	1500	2
CONTIG-005107	438	15	181	198	0
CONTIG-005108	171	159	352	1266	0
CONTIG-005111	907	17	66	376	38
CONTIG-005113	253	173	168	2286	0
CONTIG-005114	620	24	139	393	170
CONTIG-005115	80	129	143	190	0
CONTIG-005117	259	64	293	766	0
CONTIG-005119	180	4	9	25	0
CONTIG-005120	90	6	5	8	0
CONTIG-005121	93	37	124	0	0
CONTIG-005123	239	63	1271	173	0
CONTIG-005129	411	18	394	115	0
CONTIG-005130	275	21	267	115	0
CONTIG-005131	582	58	391	800	8
CONTIG-005132	1064	23	686	950	0
CONTIG-005133	880	38	935	1183	2
CONTIG-005134	210	8	14	44	2

CONTIG-005135	212	7	16	66	0
CONTIG-005136	371	49	90	595	18
CONTIG-005137	2069	30	1320	1558	6
CONTIG-005138	42	462	303	225	7
CONTIG-005139	114	8	4	35	0
CONTIG-005140	572	49	543	1226	0
CONTIG-005141	169	420	550	1973	142
CONTIG-005142	99	687	738	2011	105
CONTIG-005144	76	15	60	26	0
CONTIG-005146	493	14	85	227	0
CONTIG-005147	929	27	259	545	20
CONTIG-005150	59	125	498	155	0
CONTIG-005151	950	135	4449	4480	17
CONTIG-005154	342	35	186	140	2
CONTIG-005155	190	17	6	6	0
CONTIG-005156	579	17	93	238	2
CONTIG-005157	636	52	189	876	35
CONTIG-005158	109	3	4	4	0
CONTIG-005159	1368	25	295	784	23
CONTIG-005160	60	5	0	8	0
CONTIG-005161	94	13	28	35	0
CONTIG-005163	268	6	2	49	0
CONTIG-005164	497	28	237	324	11
CONTIG-005165	629	20	100	257	4
CONTIG-005166	785	40	319	781	2
CONTIG-005167	172	12	27	85	0
CONTIG-005168	154	367	14	2	1287
CONTIG-005169	88	31	67	66	0
CONTIG-005170	87	521	555	1600	76
CONTIG-005171	1504	29	529	1308	8
CONTIG-005172	818	29	126	958	9
CONTIG-005173	1010	16	179	758	0
CONTIG-005174	331	8	2	73	0
CONTIG-005175	116	31	75	72	0
CONTIG-005176	564	15	158	146	4
CONTIG-005178	291	29	57	302	8
CONTIG-005179	94	34	74	75	0
CONTIG-005180	810	24	70	602	6
CONTIG-005186	102	4	4	4	0
CONTIG-005187	180	202	384	728	107
CONTIG-005188	587	266	862	6426	234
CONTIG-005189	396	40	301	431	4
CONTIG-005190	197	11	6	55	0
CONTIG-005191	671	45	38	718	62
CONTIG-005192	122	447	332	616	159
CONTIG-005198	1921	41	918	4417	0
CONTIG-005199	283	26	101	229	0

CONTIG-005200	529	41	548	673	2
CONTIG-005201	150	25	91	99	0
CONTIG-005206	694	36	321	553	10
CONTIG-005207	521	30	234	290	8
CONTIG-005209	211	8	49	52	0
CONTIG-005210	77	5	14	11	0
CONTIG-005211	779	13	115	211	5
CONTIG-005212	171	518	940	2054	146
CONTIG-005213	752	21	118	408	7
CONTIG-005214	85	3	6	7	2
CONTIG-005215	2064	160	124	121	0
CONTIG-005216	47	232	310	186	0
CONTIG-005217	42	425	172	120	49
CONTIG-005218	168	12	24	85	0
CONTIG-005219	36	222	403	0	0
CONTIG-005220	250	13	48	122	0
CONTIG-005221	169	105	238	470	11
CONTIG-005222	181	4	3	27	2
CONTIG-005223	96	11	2	34	0
CONTIG-005224	540	20	88	384	0
CONTIG-005225	1134	93	1128	3801	74
CONTIG-005226	1452	23	854	1079	0
CONTIG-005227	611	24	174	342	0
CONTIG-005228	172	65	75	269	13
CONTIG-005229	143	10	30	25	0
CONTIG-005230	699	49	38	2010	0
CONTIG-005231	141	11	17	41	0
CONTIG-005232	344	431	1824	2692	350
CONTIG-005233	946	70	431	3964	0
CONTIG-005234	668	24	133	916	4
CONTIG-005235	319	99	190	1391	140
CONTIG-005236	1228	38	390	1134	43
CONTIG-005237	701	17	237	314	6
CONTIG-005238	136	6	31	9	0
CONTIG-005240	61	20	26	37	0
CONTIG-005241	332	16	25	106	2
CONTIG-005242	43	581	1945	0	16
CONTIG-005243	899	38	214	844	14
CONTIG-005244	609	15	25	280	0
CONTIG-005252	351	22	156	142	2
CONTIG-005253	165	65	431	129	0
CONTIG-005255	89	58	300	111	0
CONTIG-005256	224	7	14	46	0
CONTIG-005257	304	9	9	40	0
CONTIG-005258	60	24	139	0	0
CONTIG-005259	755	16	202	212	14
CONTIG-005260	156	8	15	13	0

CONTIG-005261	593	93	742	1198	41
CONTIG-005262	484	39	213	821	6
CONTIG-005263	610	18	148	384	0
CONTIG-005264	844	37	653	1194	0
CONTIG-005265	505	16	292	140	0
CONTIG-005266	133	12	58	9	0
CONTIG-005267	299	21	116	115	4
CONTIG-005268	523	99	401	2669	14
CONTIG-005269	197	11	45	28	0
CONTIG-005270	794	20	102	441	9
CONTIG-005271	2005	22	523	1596	9
CONTIG-005272	145	6	9	12	0
CONTIG-005273	954	46	510	1370	14
CONTIG-005274	1956	82	651	9403	32
CONTIG-005275	967	31	174	1095	32
CONTIG-005276	353	40	256	208	0
CONTIG-005277	1454	78	748	5168	9
CONTIG-005278	369	51	171	743	0
CONTIG-005279	1331	31	215	1286	34
CONTIG-005280	315	28	284	278	0
CONTIG-005281	74	1131	245	2810	232
CONTIG-005282	175	22	174	83	2
CONTIG-005283	47	555	159	724	55
CONTIG-005284	1107	118	1128	6084	64
CONTIG-005285	190	52	308	173	2
CONTIG-005286	284	16	38	80	5
CONTIG-005287	73	373	387	467	20
CONTIG-005290	817	156	987	7022	27
CONTIG-005291	48	65	16	41	0
CONTIG-005292	73	26	19	40	0
CONTIG-005293	235	12	8	9	0
CONTIG-005294	512	23	132	302	0
CONTIG-005295	582	20	48	342	0
CONTIG-005296	361	21	46	272	2
CONTIG-005297	985	19	64	783	2
CONTIG-005298	557	23	371	462	0
CONTIG-005299	688	18	449	182	2
CONTIG-005300	116	346	1696	1002	0
CONTIG-005301	63	5	4	8	0
CONTIG-005302	879	34	636	1273	4
CONTIG-005303	372	14	71	101	0
CONTIG-005304	118	9	9	12	0
CONTIG-005305	766	39	337	1122	8
CONTIG-005306	148	11	29	20	0
CONTIG-005307	448	16	94	247	0
CONTIG-005308	219	10	28	75	0
CONTIG-005309	73	36	81	0	0

CONTIG-005310	279	25	121	242	0
CONTIG-005313	95	151	64	688	8
CONTIG-005316	1223	25	250	1039	2
CONTIG-005317	851	40	172	1794	6
CONTIG-005318	345	48	80	677	4
CONTIG-005319	328	9	91	41	0
CONTIG-005320	145	30	155	11	0
CONTIG-005321	66	1358	643	1833	124
CONTIG-005322	812	15	150	309	2
CONTIG-005323	205	50	92	212	2
CONTIG-005324	410	40	195	323	46
CONTIG-005325	598	30	68	213	47
CONTIG-005326	101	128	674	60	11
CONTIG-005327	484	22	95	255	7
CONTIG-005328	404	19	77	198	9
CONTIG-005329	1098	32	145	1018	9
CONTIG-005330	473	13	219	164	0
CONTIG-005331	498	13	51	153	0
CONTIG-005332	66	3	4	3	0
CONTIG-005333	923	44	360	1302	21
CONTIG-005334	620	31	114	178	0
CONTIG-005335	119	8	51	19	0
CONTIG-005336	513	7	18	121	0
CONTIG-005337	604	13	24	235	6
CONTIG-005338	440	98	954	768	14
CONTIG-005339	92	10	29	0	3
CONTIG-005340	60	5	2	15	0
CONTIG-005341	524	29	367	347	0
CONTIG-005342	194	23	20	128	0
CONTIG-005343	308	12	137	112	2
CONTIG-005344	182	11	19	82	0
CONTIG-005345	308	8	26	43	5
CONTIG-005346	480	12	15	235	0
CONTIG-005347	90	40	362	0	0
CONTIG-005348	286	78	733	691	5
CONTIG-005349	282	182	628	618	67
CONTIG-005356	258	117	235	339	2
CONTIG-005357	169	103	122	484	0
CONTIG-005358	752	52	170	1653	6
CONTIG-005359	75	6	29	2	0
CONTIG-005360	198	121	88	1417	0
CONTIG-005361	466	102	1607	978	23
CONTIG-005362	179	11	23	44	0
CONTIG-005363	369	9	32	98	0
CONTIG-005364	276	22	36	226	2
CONTIG-005365	69	17	10	49	2
CONTIG-005369	623	16	95	375	2

CONTIG-005370	88	9	34	13	0
CONTIG-005371	499	15	48	208	5
CONTIG-005372	205	9	0	60	0
CONTIG-005374	319	20	137	229	0
CONTIG-005375	456	107	1153	442	20
CONTIG-005377	588	22	117	576	0
CONTIG-005378	518	17	156	53	0
CONTIG-005379	100	9	9	22	0
CONTIG-005380	723	19	105	215	0
CONTIG-005381	202	6	16	24	0
CONTIG-005382	1298	28	629	1375	11
CONTIG-005383	91	71	208	176	0
CONTIG-005384	142	7	11	13	0
CONTIG-005385	509	18	447	156	0
CONTIG-005386	789	26	655	504	2
CONTIG-005387	378	12	33	205	0
CONTIG-005388	50	278	164	280	13
CONTIG-005389	815	26	69	967	0
CONTIG-005390	85	324	614	471	69
CONTIG-005391	410	10	23	98	0
CONTIG-005393	251	28	95	225	0
CONTIG-005398	1033	19	142	664	2
CONTIG-005399	392	17	98	203	2
CONTIG-005400	1782	39	514	4130	0
CONTIG-005401	80	7	58	0	0
CONTIG-005402	1219	27	317	660	58
CONTIG-005403	178	16	73	116	0
CONTIG-005404	204	183	1119	436	4
CONTIG-005406	1325	22	530	996	4
CONTIG-005407	197	11	25	61	0
CONTIG-005408	299	5	43	0	17
CONTIG-005409	741	93	444	3100	44
CONTIG-005410	168	117	1082	233	15
CONTIG-005415	122	31	37	179	0
CONTIG-005416	630	25	193	638	9
CONTIG-005418	653	31	293	588	0
CONTIG-005419	39	85	31	4	0
CONTIG-005420	140	103	775	300	0
CONTIG-005421	144	7	5	38	0
CONTIG-005422	165	11	14	54	0
CONTIG-005423	186	10	3	37	4
CONTIG-005424	282	37	260	406	0
CONTIG-005425	217	19	10	98	0
CONTIG-005427	466	52	1619	309	0
CONTIG-005428	93	5	5	4	0
CONTIG-005429	227	8	32	13	0
CONTIG-005430	187	461	1001	2792	51

CONTIG-005431	80	201	228	76	16
CONTIG-005432	96	11	71	9	0
CONTIG-005433	743	27	34	874	14
CONTIG-005434	907	17	61	580	5
CONTIG-005435	636	38	671	768	0
CONTIG-005436	172	7	102	9	0
CONTIG-005437	563	16	148	106	17
CONTIG-005438	142	14	8	76	0
CONTIG-005440	137	6	4	13	0
CONTIG-005441	164	57	147	271	11
CONTIG-005442	95	4	4	6	0
CONTIG-005443	552	25	41	662	2
CONTIG-005444	583	11	109	92	5
CONTIG-005445	942	21	142	666	6
CONTIG-005446	75	3	4	2	0
CONTIG-005447	764	19	183	550	0
CONTIG-005448	208	254	800	1002	120
CONTIG-005452	375	81	542	397	42
CONTIG-005453	582	87	394	2130	24
CONTIG-005454	1362	51	327	3357	6
CONTIG-005455	345	16	182	142	2
CONTIG-005456	128	697	837	1538	189
CONTIG-005457	880	23	1630	205	2
CONTIG-005458	1690	52	305	2393	125
CONTIG-005459	600	26	109	390	0
CONTIG-005461	384	9	13	120	0
CONTIG-005462	229	388	5	0	1977
CONTIG-005463	76	36	287	0	0
CONTIG-005464	36	702	154	2	0
CONTIG-005465	855	43	582	1593	0
CONTIG-005466	171	5	4	20	0
CONTIG-005467	163	6	14	12	0
CONTIG-005468	698	40	260	576	4
CONTIG-005469	79	3	4	2	0
CONTIG-005470	552	105	324	2728	14
CONTIG-005471	237	38	33	367	4
CONTIG-005472	228	24	131	84	0
CONTIG-005473	943	15	85	575	6
CONTIG-005474	74	11	14	22	0
CONTIG-005475	294	23	166	59	4
CONTIG-005476	219	10	17	43	4
CONTIG-005477	583	79	2043	1571	2
CONTIG-005478	993	57	567	2002	15
CONTIG-005480	79	4	10	7	0
CONTIG-005482	531	44	419	391	4
CONTIG-005483	66	12	15	9	2
CONTIG-005484	280	21	65	163	0

CONTIG-005485	231	7	13	38	0
CONTIG-005486	676	16	73	469	2
CONTIG-005487	904	28	727	520	6
CONTIG-005489	201	17	204	11	2
CONTIG-005490	194	32	335	115	2
CONTIG-005491	267	13	205	72	0
CONTIG-005492	45	1093	249	1339	136
CONTIG-005493	248	18	56	106	0
CONTIG-005494	621	80	339	1428	79
CONTIG-005500	317	8	13	94	0
CONTIG-005501	397	23	185	215	0
CONTIG-005502	66	33	0	106	0
CONTIG-005503	1561	62	1154	3794	36
CONTIG-005504	959	154	1845	5144	96
CONTIG-005505	1442	26	1059	1292	8
CONTIG-005506	473	33	30	974	0
CONTIG-005507	399	10	177	52	0
CONTIG-005508	703	79	377	3297	3
CONTIG-005517	180	188	350	474	82
CONTIG-005518	113	12	3	7	0
CONTIG-005519	446	96	702	1156	57
CONTIG-005520	227	7	28	38	0
CONTIG-005521	460	11	45	160	2
CONTIG-005522	62	8	6	7	0
CONTIG-005524	68	1339	657	2332	177
CONTIG-005525	92	18	14	22	0
CONTIG-005526	579	20	59	315	30
CONTIG-005527	171	9	38	21	0
CONTIG-005528	212	120	692	455	4
CONTIG-005529	325	14	116	105	2
CONTIG-005530	848	35	372	1277	0
CONTIG-005531	316	39	258	327	0
CONTIG-005532	963	38	281	1381	51
CONTIG-005533	174	46	221	162	8
CONTIG-005534	1027	200	3288	9315	208
CONTIG-005535	356	20	210	182	0
CONTIG-005536	391	8	18	93	0
CONTIG-005537	1443	15	194	852	5
CONTIG-005538	410	31	158	394	0
CONTIG-005539	533	32	116	770	2
CONTIG-005540	42	1627	36	7	750
CONTIG-005541	746	27	151	796	9
CONTIG-005542	86	4	0	6	0
CONTIG-005545	89	306	650	310	75
CONTIG-005546	113	82	25	266	0
CONTIG-005548	630	47	204	741	21
CONTIG-005549	309	26	260	109	0

CONTIG-005550	457	35	760	361	2
CONTIG-005551	631	71	322	883	41
CONTIG-005552	67	5	2	7	0
CONTIG-005553	1782	38	1691	1837	49
CONTIG-005554	447	219	732	2146	330
CONTIG-005555	53	471	585	612	9
CONTIG-005556	149	510	466	1517	337
CONTIG-005557	397	13	22	125	4
CONTIG-005558	1590	36	341	1481	106
CONTIG-005559	336	23	55	196	6
CONTIG-005560	203	5	2	13	0
CONTIG-005561	322	99	1249	321	9
CONTIG-005562	754	14	64	537	0
CONTIG-005563	232	243	1572	1347	49
CONTIG-005564	154	9	64	22	0
CONTIG-005565	286	52	218	83	0
CONTIG-005566	2064	23	462	1441	26
CONTIG-005567	83	17	12	57	0
CONTIG-005568	444	23	61	253	0
CONTIG-005569	200	146	714	694	18
CONTIG-005570	1440	23	270	1122	33
CONTIG-005571	397	8	44	66	3
CONTIG-005572	472	33	165	365	4
CONTIG-005573	69	3	2	6	0
CONTIG-005574	278	14	42	78	0
CONTIG-005575	348	18	28	141	2
CONTIG-005576	564	27	46	219	24
CONTIG-005577	476	36	30	242	14
CONTIG-005578	70	13	44	14	0
CONTIG-005579	1094	30	1447	1024	0
CONTIG-005580	269	75	35	1148	0
CONTIG-005581	143	43	40	60	0
CONTIG-005582	735	42	743	629	37
CONTIG-005583	70	6	22	2	0
CONTIG-005584	372	26	655	93	0
CONTIG-005585	163	26	53	172	0
CONTIG-005586	101	257	294	201	7
CONTIG-005587	62	56	283	20	0
CONTIG-005588	68	1190	389	1314	165
CONTIG-005589	95	6	17	4	0
CONTIG-005590	123	157	335	468	0
CONTIG-005591	343	34	138	315	3
CONTIG-005592	179	7	3	27	0
CONTIG-005596	242	27	82	253	0
CONTIG-005597	623	19	41	333	2
CONTIG-005598	625	17	22	164	7
CONTIG-005599	227	32	2	115	14

CONTIG-005600	215	59	104	329	2
CONTIG-005601	927	152	1481	2992	423
CONTIG-005602	254	8	25	56	0
CONTIG-005603	1528	29	633	1100	12
CONTIG-005604	124	5	6	19	0
CONTIG-005605	660	37	274	797	2
CONTIG-005606	147	9	61	14	0
CONTIG-005607	676	60	679	1251	112
CONTIG-005608	699	12	41	281	4
CONTIG-005609	460	91	765	1713	8
CONTIG-005610	629	15	44	349	2
CONTIG-005611	588	48	841	143	4
CONTIG-005612	913	27	400	873	2
CONTIG-005613	387	21	14	369	4
CONTIG-005614	1034	21	49	1303	0
CONTIG-005615	278	70	83	690	2
CONTIG-005616	504	16	97	315	0
CONTIG-005617	139	247	417	655	100
CONTIG-005618	157	4	2	12	0
CONTIG-005621	879	57	191	1319	0
CONTIG-005622	92	159	85	770	8
CONTIG-005623	237	371	559	3047	25
CONTIG-005624	1371	40	962	2020	4
CONTIG-005625	1497	43	1491	2458	0
CONTIG-005626	430	59	494	552	8
CONTIG-005627	1094	35	1392	1200	0
CONTIG-005629	82	21	6	55	0
CONTIG-005630	157	23	43	170	0
CONTIG-005631	175	24	5	18	0
CONTIG-005632	112	313	203	1221	19
CONTIG-005637	199	35	23	112	0
CONTIG-005638	119	14	9	75	0
CONTIG-005639	50	20	0	21	0
CONTIG-005640	167	8	66	21	0
CONTIG-005641	357	23	166	327	0
CONTIG-005646	983	19	474	133	26
CONTIG-005647	61	7	13	16	0
CONTIG-005648	603	8	44	145	0
CONTIG-005649	570	84	468	675	183
CONTIG-005650	72	494	682	357	67
CONTIG-005651	880	45	381	1764	2
CONTIG-005652	44	409	26	808	5
CONTIG-005653	535	19	60	195	25
CONTIG-005654	183	17	60	86	0
CONTIG-005655	1414	49	287	2199	12
CONTIG-005657	50	568	174	917	23
CONTIG-005658	295	14	47	158	0

CONTIG-005659	1701	54	305	1789	24
CONTIG-005660	452	72	934	676	17
CONTIG-005661	924	24	242	683	8
CONTIG-005662	547	12	99	155	0
CONTIG-005663	99	39	30	205	0
CONTIG-005664	389	32	135	329	2
CONTIG-005665	499	348	1273	6329	514
CONTIG-005666	197	6	27	13	0
CONTIG-005667	171	466	1166	1039	143
CONTIG-005668	375	115	313	1011	30
CONTIG-005670	889	24	110	950	4
CONTIG-005671	622	34	266	547	34
CONTIG-005672	449	41	81	577	6
CONTIG-005673	153	16	29	86	0
CONTIG-005674	242	9	11	58	2
CONTIG-005675	240	341	697	1671	164
CONTIG-005676	274	19	135	123	0
CONTIG-005678	46	818	868	863	3
CONTIG-005679	1083	34	158	2256	0
CONTIG-005680	496	26	76	474	4
CONTIG-005681	473	21	101	566	0
CONTIG-005682	533	89	955	1742	23
CONTIG-005683	107	100	939	0	0
CONTIG-005684	62	56	143	30	0
CONTIG-005685	721	19	257	491	4
CONTIG-005686	73	9	20	8	0
CONTIG-005687	136	9	12	49	0
CONTIG-005688	160	23	28	82	0
CONTIG-005691	776	76	306	2256	31
CONTIG-005692	120	27	77	137	0
CONTIG-005693	104	65	30	175	2
CONTIG-005694	39	340	90	135	11
CONTIG-005695	1056	22	222	402	10
CONTIG-005703	605	244	1097	7051	134
CONTIG-005704	525	9	114	130	0
CONTIG-005705	155	14	16	73	0
CONTIG-005706	413	13	238	91	2
CONTIG-005707	151	16	19	73	0
CONTIG-005711	74	1783	556	7177	0
CONTIG-005712	502	8	4	69	2
CONTIG-005713	636	79	563	1079	52
CONTIG-005714	84	13	12	20	0
CONTIG-005715	179	12	12	64	2
CONTIG-005716	127	54	46	335	0
CONTIG-005717	578	78	400	1184	44
CONTIG-005718	290	37	50	291	2
CONTIG-005719	457	42	73	1003	24

CONTIG-005720	59	558	306	221	30
CONTIG-005721	134	15	62	30	0
CONTIG-005722	372	25	23	365	2
CONTIG-005723	248	44	74	303	2
CONTIG-005724	183	23	15	194	0
CONTIG-005725	410	7	16	111	0
CONTIG-005726	275	39	345	251	9
CONTIG-005727	104	4	3	11	0
CONTIG-005729	187	63	1264	18	0
CONTIG-005735	368	13	64	110	0
CONTIG-005736	85	9	4	16	0
CONTIG-005737	613	51	396	703	35
CONTIG-005738	58	99	408	63	0
CONTIG-005739	321	18	257	55	0
CONTIG-005740	109	9	5	39	0
CONTIG-005741	361	17	234	108	0
CONTIG-005744	175	99	544	529	5
CONTIG-005745	93	10	5	32	4
CONTIG-005746	1898	55	294	4050	249
CONTIG-005750	179	15	6	144	0
CONTIG-005752	39	506	555	104	4
CONTIG-005753	387	14	32	126	2
CONTIG-005760	87	78	177	6	7
CONTIG-005761	126	24	33	75	6
CONTIG-005762	71	786	413	929	157
CONTIG-005763	521	15	217	162	0
CONTIG-005764	37	897	803	473	0
CONTIG-005765	162	50	187	362	0
CONTIG-005766	406	10	36	66	0
CONTIG-005767	84	15	77	7	0
CONTIG-005768	196	44	98	303	0
CONTIG-005769	116	7	18	21	0
CONTIG-005770	145	35	107	101	0
CONTIG-005771	844	25	989	456	2
CONTIG-005772	858	73	334	3280	4
CONTIG-005773	541	11	2	203	6
CONTIG-005774	786	84	953	1909	87
CONTIG-005775	660	14	104	300	0
CONTIG-005776	592	27	574	616	0
CONTIG-005780	994	145	642	3382	234
CONTIG-005781	226	36	108	196	2
CONTIG-005782	153	8	14	29	0
CONTIG-005783	533	29	64	141	2
CONTIG-005784	657	77	495	2288	15
CONTIG-005786	159	324	680	1098	68
CONTIG-005787	202	19	64	122	0
CONTIG-005788	259	43	42	528	0

CONTIG-005789	381	15	75	173	0
CONTIG-005790	382	15	20	182	0
CONTIG-005791	68	6	6	6	0
CONTIG-005792	95	97	90	389	2
CONTIG-005793	319	86	857	1128	0
CONTIG-005794	236	69	469	615	2
CONTIG-005795	96	6	7	11	0
CONTIG-005796	66	396	139	655	51
CONTIG-005797	455	16	92	190	2
CONTIG-005798	85	19	71	34	0
CONTIG-005799	329	8	25	27	2
CONTIG-005800	106	18	41	56	0
CONTIG-005801	521	15	118	59	4
CONTIG-005810	863	22	165	416	17
CONTIG-005811	541	36	143	509	20
CONTIG-005812	89	14	22	25	2
CONTIG-005813	546	16	338	27	55
CONTIG-005814	129	6	13	6	0
CONTIG-005815	929	40	317	1075	2
CONTIG-005816	195	27	55	85	0
CONTIG-005818	39	3284	206	2225	0
CONTIG-005819	781	33	471	938	4
CONTIG-005820	1575	37	752	1949	48
CONTIG-005821	87	7	30	5	0
CONTIG-005822	846	17	147	231	2
CONTIG-005827	114	21	10	109	0
CONTIG-005828	96	4	5	7	0
CONTIG-005829	144	8	2	4	0
CONTIG-005830	54	67	108	54	0
CONTIG-005831	639	57	259	1011	0
CONTIG-005832	171	243	363	2443	2
CONTIG-005833	540	57	2272	2	71
CONTIG-005834	233	24	81	113	0
CONTIG-005835	166	7	21	31	0
CONTIG-005836	106	15	75	8	0
CONTIG-005837	372	14	47	142	0
CONTIG-005838	715	28	37	1239	0
CONTIG-005839	432	59	1203	349	0
CONTIG-005840	812	42	586	1092	24
CONTIG-005841	147	196	178	1410	4
CONTIG-005843	272	12	21	60	0
CONTIG-005844	169	53	225	125	7
CONTIG-005845	513	86	171	1057	96
CONTIG-005846	938	13	63	302	4
CONTIG-005847	104	5	0	14	0
CONTIG-005849	96	456	353	923	113
CONTIG-005856	154	13	12	10	0

CONTIG-005858	261	167	350	1226	18
CONTIG-005859	242	15	90	109	0
CONTIG-005861	197	231	2226	145	6
CONTIG-005862	1016	37	90	1616	10
CONTIG-005863	130	9	35	10	0
CONTIG-005864	172	195	1560	325	39
CONTIG-005865	73	277	139	972	0
CONTIG-005866	956	27	431	846	19
CONTIG-005868	571	23	340	356	0
CONTIG-005869	205	36	86	90	0
CONTIG-005871	61	682	815	1323	18
CONTIG-005872	792	37	188	365	0
CONTIG-005873	461	24	114	297	0
CONTIG-005874	393	21	278	222	2
CONTIG-005875	512	13	37	246	0
CONTIG-005876	1250	30	296	1130	0
CONTIG-005877	710	32	94	541	20
CONTIG-005878	2942	37	497	3504	43
CONTIG-005879	257	35	562	160	2
CONTIG-005881	492	7	11	25	0
CONTIG-005883	191	13	157	26	0
CONTIG-005884	291	6	2	60	3
CONTIG-005885	1507	28	160	2208	2
CONTIG-005886	299	11	54	94	0
CONTIG-005887	125	78	258	282	16
CONTIG-005888	40	138	7	133	12
CONTIG-005889	271	6	2	55	0
CONTIG-005890	489	11	32	149	2
CONTIG-005891	477	20	137	208	0
CONTIG-005892	481	32	196	353	17
CONTIG-005893	90	130	0	4	0
CONTIG-005894	109	369	181	942	80
CONTIG-005895	170	5	23	12	0
CONTIG-005896	896	18	98	498	6
CONTIG-005897	625	31	688	479	7
CONTIG-005898	887	30	174	1315	0
CONTIG-005899	117	10	21	16	0
CONTIG-005900	597	24	78	436	11
CONTIG-005901	98	8	11	11	0
CONTIG-005902	88	55	380	22	0
CONTIG-005903	265	7	13	30	0
CONTIG-005904	850	60	1473	1242	23
CONTIG-005905	718	71	735	1736	19
CONTIG-005906	576	32	233	825	0
CONTIG-005910	268	15	151	92	0
CONTIG-005911	67	454	151	709	57
CONTIG-005912	103	13	57	4	0

CONTIG-005913	981	20	487	682	6
CONTIG-005914	298	18	73	143	2
CONTIG-005915	164	8	7	43	0
CONTIG-005916	667	11	42	304	0
CONTIG-005917	406	39	168	297	14
CONTIG-005918	569	43	496	628	18
CONTIG-005919	83	8	26	9	0
CONTIG-005920	65	3	7	5	0
CONTIG-005921	268	10	7	114	0
CONTIG-005922	71	3	3	6	0
CONTIG-005923	266	24	94	186	0
CONTIG-005924	158	6	0	18	0
CONTIG-005925	372	9	84	82	0
CONTIG-005926	70	872	250	2028	88
CONTIG-005927	169	22	113	76	0
CONTIG-005928	176	8	6	33	0
CONTIG-005929	75	520	521	1498	26
CONTIG-005930	178	291	608	1026	75
CONTIG-005931	385	12	276	51	0
CONTIG-005932	66	7	11	11	0
CONTIG-005933	1248	36	199	2115	11
CONTIG-005934	294	12	111	0	8
CONTIG-005935	647	29	198	643	12
CONTIG-005936	80	10	10	21	0
CONTIG-005937	208	38	2	0	2
CONTIG-005938	226	34	857	0	2
CONTIG-005939	61	106	271	93	2
CONTIG-005940	708	123	364	2795	243
CONTIG-005941	391	12	37	180	0
CONTIG-005942	325	40	184	302	0
CONTIG-005943	235	115	1121	99	5
CONTIG-005944	255	12	12	99	0
CONTIG-005945	201	11	18	84	0
CONTIG-005946	528	17	19	217	9
CONTIG-005947	310	336	538	4049	59
CONTIG-005948	211	14	0	98	0
CONTIG-005949	480	43	57	707	49
CONTIG-005950	447	47	209	1278	0
CONTIG-005951	88	12	2	24	0
CONTIG-005952	298	17	77	133	0
CONTIG-005953	243	13	8	74	0
CONTIG-005954	962	17	26	474	11
CONTIG-005957	201	10	47	45	0
CONTIG-005958	601	20	184	255	4
CONTIG-005959	159	17	14	92	0
CONTIG-005960	427	19	80	158	6
CONTIG-005961	2015	35	306	2025	51

CONTIG-005969	325	19	270	63	0
CONTIG-005970	80	8	10	16	2
CONTIG-005971	72	535	221	1598	7
CONTIG-005972	445	13	12	109	5
CONTIG-005973	796	30	471	528	12
CONTIG-005974	244	35	199	328	0
CONTIG-005976	41	2429	532	25	906
CONTIG-005977	337	6	19	67	0
CONTIG-005978	421	12	10	184	2
CONTIG-005979	2877	67	585	8672	92
CONTIG-005980	142	263	563	567	90
CONTIG-005981	127	8	0	35	0
CONTIG-005982	283	26	100	274	0
CONTIG-005986	1033	38	205	1090	29
CONTIG-005987	729	20	365	234	0
CONTIG-005988	82	6	13	12	0
CONTIG-005989	369	246	439	3311	120
CONTIG-005990	1263	23	274	931	0
CONTIG-005991	974	23	238	565	16
CONTIG-005992	252	235	608	2130	67
CONTIG-005993	298	11	4	40	0
CONTIG-005994	498	9	47	140	3
CONTIG-005997	1587	130	2040	11094	215
CONTIG-005998	184	6	9	11	0
CONTIG-005999	71	5	3	6	0
CONTIG-006000	571	23	43	387	19
CONTIG-006002	1838	44	105	4041	9
CONTIG-006003	760	220	528	7375	131
CONTIG-006004	230	12	18	87	0
CONTIG-006005	61	8	8	17	0
CONTIG-006007	159	164	184	615	23
CONTIG-006008	133	238	414	719	48
CONTIG-006009	220	16	17	53	0
CONTIG-006010	109	5	0	15	0
CONTIG-006011	338	17	29	214	2
CONTIG-006012	827	26	356	639	9
CONTIG-006013	498	253	689	1185	113
CONTIG-006014	86	10	8	24	0
CONTIG-006015	498	16	76	203	0
CONTIG-006017	145	15	22	79	2
CONTIG-006024	959	20	52	638	23
CONTIG-006025	287	7	21	67	0
CONTIG-006026	199	5	7	14	0
CONTIG-006027	118	22	33	63	0
CONTIG-006028	545	28	1017	197	2
CONTIG-006029	213	13	64	111	0
CONTIG-006030	67	8	19	0	0

CONTIG-006031	206	9	41	63	0
CONTIG-006032	1092	42	218	1903	4
CONTIG-006034	63	18	104	0	0
CONTIG-006035	328	382	1574	2888	239
CONTIG-006036	166	364	589	727	225
CONTIG-006037	784	17	206	435	2
CONTIG-006039	296	16	40	126	0
CONTIG-006040	242	8	7	73	2
CONTIG-006041	203	10	27	54	0
CONTIG-006042	186	24	22	79	0
CONTIG-006043	321	18	42	167	0
CONTIG-006044	226	14	17	153	0
CONTIG-006045	1274	21	271	686	2
CONTIG-006046	134	26	115	46	0
CONTIG-006047	542	22	443	402	0
CONTIG-006048	995	36	283	1832	0
CONTIG-006049	184	92	220	405	0
CONTIG-006051	37	4962	9731	21	1186
CONTIG-006052	386	48	353	249	0
CONTIG-006053	319	20	306	67	0
CONTIG-006054	63	130	454	2	0
CONTIG-006055	194	9	13	46	13
CONTIG-006056	440	14	65	175	2
CONTIG-006057	223	28	158	149	0
CONTIG-006058	444	62	445	703	10
CONTIG-006059	58	5	28	0	0
CONTIG-006061	268	392	737	2384	267
CONTIG-006064	123	6	2	25	0
CONTIG-006065	357	10	16	147	0
CONTIG-006066	80	12	2	28	0
CONTIG-006067	1034	54	250	1549	3
CONTIG-006068	75	36	133	2	0
CONTIG-006069	614	24	27	423	20
CONTIG-006070	65	244	390	531	0
CONTIG-006071	474	23	117	492	2
CONTIG-006072	1159	31	494	1332	13
CONTIG-006073	258	54	97	639	0
CONTIG-006074	93	12	48	20	0
CONTIG-006075	220	7	23	69	0
CONTIG-006076	183	41	220	67	0
CONTIG-006077	214	7	21	9	0
CONTIG-006078	998	31	1031	852	6
CONTIG-006079	138	4	0	18	0
CONTIG-006080	219	5	10	16	0
CONTIG-006081	344	17	5	0	54
CONTIG-006082	409	22	82	183	8
CONTIG-006083	205	27	177	177	0

CONTIG-006085	64	6	5	2	5
CONTIG-006086	1110	26	497	788	2
CONTIG-006087	63	14	53	9	0
CONTIG-006088	475	14	4	202	6
CONTIG-006089	236	189	115	2202	109
CONTIG-006090	339	24	195	125	16
CONTIG-006092	96	8	7	0	0
CONTIG-006094	542	28	111	716	2
CONTIG-006095	421	30	147	314	0
CONTIG-006097	490	53	683	686	23
CONTIG-006098	144	223	1903	661	6
CONTIG-006100	140	24	39	64	0
CONTIG-006101	471	20	143	188	2
CONTIG-006102	313	23	76	241	4
CONTIG-006103	129	13	22	56	0
CONTIG-006106	103	7	9	21	0
CONTIG-006107	68	4	11	0	0
CONTIG-006108	1342	34	388	1024	46
CONTIG-006113	873	19	153	321	6
CONTIG-006114	428	8	24	57	0
CONTIG-006115	592	42	202	1384	2
CONTIG-006116	271	83	233	708	20
CONTIG-006117	45	177	791	0	0
CONTIG-006118	358	22	69	260	0
CONTIG-006119	859	31	293	787	22
CONTIG-006122	515	23	75	232	21
CONTIG-006123	79	96	428	11	2
CONTIG-006124	512	107	231	1563	177
CONTIG-006125	80	5	3	6	0
CONTIG-006126	1063	30	157	1605	13
CONTIG-006130	180	630	1679	1573	264
CONTIG-006131	282	12	25	63	8
CONTIG-006132	300	15	24	37	0
CONTIG-006135	103	6	5	8	0
CONTIG-006136	579	33	279	511	5
CONTIG-006137	1553	46	212	1900	54
CONTIG-006138	168	18	89	56	0
CONTIG-006139	483	96	536	1439	37
CONTIG-006140	232	16	98	67	3
CONTIG-006141	155	77	578	37	8
CONTIG-006142	456	10	6	164	0
CONTIG-006143	1148	25	431	540	0
CONTIG-006144	316	103	348	919	120
CONTIG-006145	388	46	280	251	37
CONTIG-006146	264	10	30	64	0
CONTIG-006147	125	10	21	46	0
CONTIG-006148	368	15	49	177	0

CONTIG-006151	280	125	758	824	16
CONTIG-006152	411	72	382	1291	6
CONTIG-006153	145	12	34	29	0
CONTIG-006154	75	3	2	5	0
CONTIG-006155	462	16	33	291	0
CONTIG-006156	187	19	25	166	0
CONTIG-006157	344	19	163	130	2
CONTIG-006160	189	8	3	39	0
CONTIG-006162	81	731	671	1377	64
CONTIG-006163	126	56	257	3	0
CONTIG-006164	690	56	460	690	26
CONTIG-006166	104	3	4	3	0
CONTIG-006167	297	13	53	55	0
CONTIG-006168	130	10	77	8	0
CONTIG-006169	217	343	878	2833	47
CONTIG-006170	488	14	338	78	0
CONTIG-006171	70	6	15	6	0
CONTIG-006172	375	51	1410	0	46
CONTIG-006173	229	31	163	336	0
CONTIG-006174	285	20	453	0	2
CONTIG-006175	792	21	81	519	0
CONTIG-006176	399	37	430	220	0
CONTIG-006179	1138	27	712	840	8
CONTIG-006180	566	126	901	1224	34
CONTIG-006181	1065	63	1055	1929	52
CONTIG-006185	166	5	2	31	0
CONTIG-006186	612	112	395	2130	193
CONTIG-006187	476	17	93	291	3
CONTIG-006188	131	326	81	1408	27
CONTIG-006189	80	500	38	1295	14
CONTIG-006190	666	62	808	1738	5
CONTIG-006191	138	36	510	0	14
CONTIG-006197	46	646	1413	86	8
CONTIG-006198	201	274	819	2232	61
CONTIG-006199	146	13	4	17	2
CONTIG-006200	71	6	7	7	0
CONTIG-006201	173	6	5	24	0
CONTIG-006202	1780	37	323	2531	0
CONTIG-006205	332	18	116	129	0
CONTIG-006206	940	27	316	1032	5
CONTIG-006207	1503	32	609	1073	25
CONTIG-006208	562	158	860	3778	12
CONTIG-006209	154	6	13	31	0
CONTIG-006211	400	36	199	391	4
CONTIG-006212	98	195	772	13	0
CONTIG-006213	84	94	80	289	2
CONTIG-006214	1074	19	112	879	0

CONTIG-006223	890	18	366	566	2
CONTIG-006233	432	16	108	243	0
CONTIG-006234	44	551	223	461	40
CONTIG-006235	44	859	496	652	64
CONTIG-006236	197	7	7	38	2
CONTIG-006237	397	14	141	9	113
CONTIG-006238	999	19	24	767	49
CONTIG-006239	89	7	6	20	0
CONTIG-006240	268	9	22	83	0
CONTIG-006241	87	7	11	10	0
CONTIG-006242	273	21	103	128	0
CONTIG-006243	138	14	19	59	0
CONTIG-006244	157	6	7	36	0
CONTIG-006246	178	619	589	2926	273
CONTIG-006247	62	337	298	32	0
CONTIG-006248	84	46	59	127	0
CONTIG-006249	397	24	89	274	4
CONTIG-006250	434	26	154	250	0
CONTIG-006251	357	21	67	207	2
CONTIG-006252	249	144	45	1929	2
CONTIG-006253	79	128	12	462	0
CONTIG-006254	76	36	137	36	0
CONTIG-006255	169	13	24	69	2
CONTIG-006256	196	274	1108	551	100
CONTIG-006257	769	26	615	633	0
CONTIG-006258	913	41	1277	1226	0
CONTIG-006259	113	5	5	17	0
CONTIG-006261	168	9	14	14	0
CONTIG-006262	149	7	33	4	0
CONTIG-006263	103	5	5	0	0
CONTIG-006264	95	12	2	50	0
CONTIG-006265	684	91	868	1464	32
CONTIG-006273	97	28	134	0	3
CONTIG-006275	255	13	128	78	0
CONTIG-006278	292	43	622	294	0
CONTIG-006279	140	11	51	27	0
CONTIG-006280	289	128	431	1745	8
CONTIG-006281	762	112	60	4133	0
CONTIG-006282	362	21	132	285	0
CONTIG-006283	296	30	262	301	0
CONTIG-006284	154	593	1536	1400	226
CONTIG-006285	311	303	992	4163	27
CONTIG-006286	127	785	1101	4155	47
CONTIG-006288	1004	74	415	2438	2
CONTIG-006289	396	15	26	160	8
CONTIG-006291	186	17	73	80	3
CONTIG-006292	742	38	214	1116	0

CONTIG-006294	106	61	76	13	2
CONTIG-006295	584	100	718	1251	71
CONTIG-006296	120	5	19	0	0
CONTIG-006303	153	8	10	34	2
CONTIG-006305	682	30	28	77	4
CONTIG-006306	61	20	64	7	0
CONTIG-006307	171	153	206	1513	0
CONTIG-006308	295	8	56	54	0
CONTIG-006309	278	21	73	216	0
CONTIG-006310	513	29	42	718	2
CONTIG-006311	1099	77	274	1652	318
CONTIG-006312	945	98	610	1952	200
CONTIG-006315	111	10	23	16	0
CONTIG-006316	221	69	350	522	4
CONTIG-006317	381	56	348	919	2
CONTIG-006318	141	114	617	44	2
CONTIG-006319	146	10	57	26	0
CONTIG-006320	191	11	24	86	0
CONTIG-006321	386	13	49	131	2
CONTIG-006322	609	47	718	888	5
CONTIG-006323	72	32	183	0	0
CONTIG-006324	62	192	209	246	0
CONTIG-006325	502	22	49	381	4
CONTIG-006326	660	10	44	155	0
CONTIG-006327	1790	40	529	2666	12
CONTIG-006328	1071	46	867	1912	0
CONTIG-006329	712	17	234	383	2
CONTIG-006330	759	11	26	261	10
CONTIG-006331	228	21	32	161	0
CONTIG-006332	470	103	530	1366	48
CONTIG-006333	159	4	0	18	0
CONTIG-006334	550	19	43	391	10
CONTIG-006335	743	20	25	800	4
CONTIG-006336	103	23	142	16	0
CONTIG-006337	1549	63	476	4077	4
CONTIG-006338	638	43	430	1358	2
CONTIG-006339	140	4	2	11	0
CONTIG-006340	244	257	674	1602	135
CONTIG-006341	216	638	353	2562	44
CONTIG-006342	105	8	2	17	0
CONTIG-006343	178	19	26	155	0
CONTIG-006344	128	22	32	93	5
CONTIG-006345	289	8	28	73	0
CONTIG-006346	667	53	803	1475	0
CONTIG-006347	302	11	37	29	0
CONTIG-006348	974	44	545	1888	0
CONTIG-006356	306	17	28	85	0

CONTIG-006357	418	36	368	431	0
CONTIG-006364	471	31	381	328	0
CONTIG-006365	455	260	742	5134	74
CONTIG-006366	81	6	27	0	0
CONTIG-006367	638	14	207	313	0
CONTIG-006368	99	318	19	528	25
CONTIG-006369	885	19	53	589	0
CONTIG-006371	480	24	37	193	22
CONTIG-006372	174	10	23	41	0
CONTIG-006373	331	270	233	4031	10
CONTIG-006374	126	59	399	115	2
CONTIG-006378	234	25	38	237	3
CONTIG-006379	42	180	357	169	0
CONTIG-006380	81	21	15	45	0
CONTIG-006381	599	33	1035	424	4
CONTIG-006382	343	86	107	1480	8
CONTIG-006384	64	434	104	1084	0
CONTIG-006390	871	21	278	744	0
CONTIG-006391	51	576	378	632	68
CONTIG-006392	810	12	35	338	10
CONTIG-006393	161	8	5	49	0
CONTIG-006395	264	27	492	82	0
CONTIG-006396	205	22	69	28	0
CONTIG-006397	741	58	29	1509	47
CONTIG-006398	301	22	109	105	0
CONTIG-006399	341	46	1104	259	0
CONTIG-006400	271	50	100	193	4
CONTIG-006401	879	11	62	193	0
CONTIG-006402	148	8	0	49	0
CONTIG-006403	705	20	11	335	9
CONTIG-006404	105	8	2	24	0
CONTIG-006405	102	6	13	6	0
CONTIG-006406	561	15	142	366	0
CONTIG-006408	300	12	33	110	2
CONTIG-006409	1307	37	914	1141	7
CONTIG-006410	133	4	8	10	2
CONTIG-006411	1779	38	302	3538	6
CONTIG-006412	566	29	449	581	0
CONTIG-006413	858	55	439	1178	10
CONTIG-006414	485	16	86	339	2
CONTIG-006415	444	11	73	68	0
CONTIG-006416	297	61	338	449	10
CONTIG-006419	66	16	98	0	0
CONTIG-006420	1498	125	695	11305	21
CONTIG-006421	312	242	603	1645	209
CONTIG-006422	1630	15	281	598	2
CONTIG-006423	1252	68	600	3818	41

CONTIG-006424	216	50	95	324	2
CONTIG-006425	83	11	5	25	0
CONTIG-006426	153	37	7	283	0
CONTIG-006427	246	71	335	345	0
CONTIG-006428	1056	48	249	1385	61
CONTIG-006429	142	5	15	19	0
CONTIG-006430	429	78	379	1825	0
CONTIG-006431	175	19	6	61	4
CONTIG-006432	111	16	72	0	0
CONTIG-006439	187	7	4	41	0
CONTIG-006440	102	15	33	45	0
CONTIG-006441	267	48	125	397	2
CONTIG-006442	176	6	9	29	0
CONTIG-006443	306	13	101	107	0
CONTIG-006444	581	96	682	2456	0
CONTIG-006445	111	257	540	952	5
CONTIG-006446	972	16	29	812	0
CONTIG-006447	459	9	42	77	2
CONTIG-006448	838	18	106	776	2
CONTIG-006449	236	35	150	360	0
CONTIG-006450	215	7	38	22	0
CONTIG-006451	103	17	21	59	2
CONTIG-006452	201	141	580	435	2
CONTIG-006454	221	28	169	152	0
CONTIG-006455	288	38	179	397	2
CONTIG-006458	74	5	31	5	0
CONTIG-006459	113	25	41	97	0
CONTIG-006460	263	20	15	31	0
CONTIG-006461	139	10	5	43	0
CONTIG-006462	510	106	618	687	0
CONTIG-006463	254	11	14	139	0
CONTIG-006464	102	451	128	1651	99
CONTIG-006466	266	7	30	65	0
CONTIG-006467	332	65	660	485	6
CONTIG-006468	480	162	771	2302	172
CONTIG-006469	89	23	213	0	0
CONTIG-006470	131	5	9	11	0
CONTIG-006471	64	30	151	7	0
CONTIG-006473	328	6	66	22	2
CONTIG-006475	311	28	88	87	21
CONTIG-006479	137	8	5	44	2
CONTIG-006482	1526	58	1023	3221	69
CONTIG-006485	58	1450	4386	1182	67
CONTIG-006486	76	3	2	4	0
CONTIG-006487	817	22	90	460	4
CONTIG-006488	138	17	20	52	0
CONTIG-006489	1744	28	126	2800	0

CONTIG-006490	94	30	81	4	0
CONTIG-006491	124	449	249	22	1425
CONTIG-006492	196	6	21	8	0
CONTIG-006493	525	99	743	1700	60
CONTIG-006494	857	22	193	677	4
CONTIG-006495	88	202	622	28	0
CONTIG-006497	73	9	58	2	0
CONTIG-006498	321	32	688	167	0
CONTIG-006499	155	239	342	1219	4
CONTIG-006500	214	12	116	15	0
CONTIG-006501	970	43	88	671	131
CONTIG-006502	64	5	4	5	0
CONTIG-006503	1515	31	246	1718	4
CONTIG-006504	212	17	6	193	0
CONTIG-006505	169	8	21	37	0
CONTIG-006506	42	109	260	35	0
CONTIG-006507	282	33	16	548	0
CONTIG-006508	165	5	8	21	0
CONTIG-006509	112	15	8	72	0
CONTIG-006510	1023	20	243	481	4
CONTIG-006512	1050	29	444	766	34
CONTIG-006513	95	13	41	27	0
CONTIG-006514	115	13	24	50	0
CONTIG-006515	616	24	63	585	0
CONTIG-006516	83	9	10	15	0
CONTIG-006517	256	34	117	56	8
CONTIG-006518	87	5	0	2	0
CONTIG-006519	443	25	93	252	5
CONTIG-006523	837	42	503	1230	16
CONTIG-006524	1658	30	384	1149	86
CONTIG-006525	393	19	24	247	0
CONTIG-006526	294	40	10	529	0
CONTIG-006527	551	34	182	327	10
CONTIG-006528	507	14	30	284	0
CONTIG-006530	518	44	151	679	11
CONTIG-006531	912	13	23	383	0
CONTIG-006532	282	30	196	340	0
CONTIG-006533	1402	21	126	1020	10
CONTIG-006536	499	17	45	121	10
CONTIG-006537	231	14	53	54	3
CONTIG-006538	213	29	127	95	0
CONTIG-006539	88	4	2	3	0
CONTIG-006540	404	8	17	100	2
CONTIG-006542	327	8	18	78	0
CONTIG-006543	209	18	151	59	0
CONTIG-006544	65	819	995	991	94
CONTIG-006545	307	10	11	106	0

CONTIG-006546	287	72	530	656	0
CONTIG-006547	72	3	3	0	0
CONTIG-006548	584	6	0	0	3
CONTIG-006550	926	25	829	619	0
CONTIG-006551	520	95	487	1659	5
CONTIG-006554	297	38	185	93	0
CONTIG-006555	183	10	125	7	0
CONTIG-006556	222	8	8	35	0
CONTIG-006558	202	5	9	22	0
CONTIG-006559	1330	48	933	1911	51
CONTIG-006560	277	9	24	32	0
CONTIG-006561	1245	21	75	1101	6
CONTIG-006562	250	14	168	45	0
CONTIG-006569	249	7	8	59	0
CONTIG-006570	106	31	30	123	0
CONTIG-006571	426	15	32	188	6
CONTIG-006572	308	37	11	278	30
CONTIG-006575	59	28	101	9	0
CONTIG-006576	111	10	5	43	0
CONTIG-006577	390	11	63	114	0
CONTIG-006578	110	14	43	27	0
CONTIG-006579	377	36	110	314	2
CONTIG-006580	255	10	24	53	0
CONTIG-006581	474	15	166	217	2
CONTIG-006582	271	9	134	65	0
CONTIG-006583	87	16	8	59	0
CONTIG-006584	141	26	342	5	0
CONTIG-006585	75	4	4	6	0
CONTIG-006588	209	20	37	92	0
CONTIG-006589	218	12	35	11	0
CONTIG-006590	220	39	190	343	0
CONTIG-006591	66	2	3	0	0
CONTIG-006592	493	22	447	248	2
CONTIG-006593	898	30	36	1089	0
CONTIG-006594	503	108	112	3229	14
CONTIG-006595	187	7	19	33	0
CONTIG-006596	657	38	741	1111	0
CONTIG-006597	1048	14	240	546	0
CONTIG-006598	249	224	1012	829	47
CONTIG-006599	247	270	470	2313	205
CONTIG-006600	108	3	8	6	0
CONTIG-006601	619	18	159	297	0
CONTIG-006602	120	4	6	0	0
CONTIG-006603	1155	25	319	868	14
CONTIG-006604	567	53	162	1448	0
CONTIG-006605	96	354	214	664	83
CONTIG-006606	110	81	434	221	2

CONTIG-006607	165	10	49	29	2
CONTIG-006608	578	17	330	96	5
CONTIG-006609	1652	56	667	3368	30
CONTIG-006610	588	12	198	138	4
CONTIG-006611	266	52	263	649	2
CONTIG-006613	300	12	63	30	0
CONTIG-006614	409	20	65	162	10
CONTIG-006615	98	4	3	7	0
CONTIG-006616	764	23	269	471	2
CONTIG-006618	334	23	21	193	4
CONTIG-006619	134	23	260	0	0
CONTIG-006621	690	154	899	5028	141
CONTIG-006622	347	11	76	48	0
CONTIG-006626	185	7	6	48	0
CONTIG-006627	78	8	10	14	0
CONTIG-006628	176	18	42	76	0
CONTIG-006629	159	10	14	48	0
CONTIG-006630	397	80	225	1646	6
CONTIG-006631	288	18	30	92	2
CONTIG-006632	717	16	64	456	2
CONTIG-006633	181	50	753	2	30
CONTIG-006634	1332	61	1169	2607	41
CONTIG-006635	162	506	1001	1338	142
CONTIG-006637	100	489	286	1179	77
CONTIG-006638	497	24	351	398	0
CONTIG-006639	63	10	14	2	0
CONTIG-006645	148	13	31	67	0
CONTIG-006646	282	17	100	156	0
CONTIG-006647	154	470	943	831	209
CONTIG-006651	173	6	8	30	0
CONTIG-006652	197	291	1041	1179	103
CONTIG-006653	1345	38	488	7	1708
CONTIG-006654	876	32	759	785	6
CONTIG-006657	531	13	79	34	0
CONTIG-006658	814	16	88	686	2
CONTIG-006659	179	228	1892	462	0
CONTIG-006660	1565	26	448	2270	0
CONTIG-006661	1278	205	562	13499	99
CONTIG-006662	424	19	7	5	0
CONTIG-006663	448	17	125	377	0
CONTIG-006664	1044	89	325	2659	116
CONTIG-006665	164	21	194	69	0
CONTIG-006666	618	12	49	382	0
CONTIG-006667	531	71	292	1090	75
CONTIG-006668	87	9	81	0	0
CONTIG-006669	459	47	463	577	2
CONTIG-006670	1203	20	92	839	9

CONTIG-006671	589	43	181	594	32
CONTIG-006672	908	25	172	669	11
CONTIG-006673	277	10	18	81	0
CONTIG-006674	181	12	46	30	0
CONTIG-006675	519	19	106	343	0
CONTIG-006676	1476	46	536	2151	2
CONTIG-006677	1338	56	442	2285	40
CONTIG-006678	112	12	35	44	0
CONTIG-006679	384	235	708	3873	271
CONTIG-006680	575	28	340	320	2
CONTIG-006681	106	526	756	957	123
CONTIG-006682	209	15	6	68	0
CONTIG-006683	138	5	2	25	0
CONTIG-006684	215	184	378	555	67
CONTIG-006685	324	42	217	579	2
CONTIG-006686	1296	17	3	572	48
CONTIG-006687	130	311	491	1668	53
CONTIG-006688	141	5	0	0	0
CONTIG-006689	752	53	143	1738	7
CONTIG-006690	203	9	24	23	0
CONTIG-006691	94	12	35	5	0
CONTIG-006692	138	14	81	44	0
CONTIG-006693	80	6	3	14	0
CONTIG-006694	319	62	1222	437	0
CONTIG-006695	127	37	89	92	6
CONTIG-006696	86	748	694	1273	162
CONTIG-006697	1055	25	869	843	0
CONTIG-006698	313	7	33	33	0
CONTIG-006699	1503	34	270	1330	22
CONTIG-006700	292	25	576	92	0
CONTIG-006701	608	23	69	528	2
CONTIG-006702	320	23	55	189	4
CONTIG-006703	104	20	32	16	0
CONTIG-006704	108	11	38	10	0
CONTIG-006705	129	118	189	392	0
CONTIG-006710	148	103	538	421	0
CONTIG-006711	36	1279	277	1080	76
CONTIG-006712	160	6	14	14	2
CONTIG-006713	237	18	38	182	2
CONTIG-006714	80	6	8	13	0
CONTIG-006715	915	47	482	739	125
CONTIG-006716	279	7	10	91	0
CONTIG-006717	142	6	12	22	0
CONTIG-006718	575	119	475	2855	4
CONTIG-006719	152	13	52	19	0
CONTIG-006720	673	67	171	1104	14
CONTIG-006721	342	21	107	157	3

CONTIG-006723	79	8	44	5	0
CONTIG-006724	121	7	20	28	0
CONTIG-006725	297	14	57	67	0
CONTIG-006726	395	89	268	857	601
CONTIG-006727	217	7	0	52	0
CONTIG-006728	365	7	14	87	4
CONTIG-006729	572	280	505	6743	375
CONTIG-006730	641	102	259	945	68
CONTIG-006731	108	6	11	19	0
CONTIG-006732	189	5	3	35	0
CONTIG-006733	64	8	10	12	0
CONTIG-006734	58	3	2	4	0
CONTIG-006736	292	18	87	164	0
CONTIG-006737	161	400	1681	1028	113
CONTIG-006738	79	5	8	5	0
CONTIG-006739	56	49	35	23	0
CONTIG-006740	384	55	453	1001	0
CONTIG-006741	251	13	20	128	0
CONTIG-006742	321	9	85	41	0
CONTIG-006743	65	15	11	23	0
CONTIG-006744	678	18	120	261	10
CONTIG-006747	494	23	334	471	0
CONTIG-006748	141	9	86	7	0
CONTIG-006752	559	9	31	114	2
CONTIG-006753	460	18	104	241	4
CONTIG-006755	735	18	190	539	0
CONTIG-006756	76	5	5	11	0
CONTIG-006757	347	22	105	131	0
CONTIG-006758	524	17	38	334	6
CONTIG-006765	433	23	124	433	2
CONTIG-006766	374	15	18	151	0
CONTIG-006767	702	24	347	443	9
CONTIG-006768	61	9	55	0	0
CONTIG-006769	169	9	19	45	0
CONTIG-006770	654	20	89	250	11
CONTIG-006773	89	6	3	8	0
CONTIG-006775	609	25	138	395	6
CONTIG-006777	63	65	193	5	0
CONTIG-006778	60	3	2	2	0
CONTIG-006779	741	30	210	608	3
CONTIG-006780	161	64	273	255	0
CONTIG-006781	143	10	13	60	0
CONTIG-006782	631	38	191	919	2
CONTIG-006783	471	48	462	753	3
CONTIG-006784	164	11	3	8	0
CONTIG-006785	226	15	51	20	0
CONTIG-006786	128	7	4	27	0

CONTIG-006787	189	24	89	103	0
CONTIG-006790	687	24	156	220	11
CONTIG-006791	1713	30	506	1059	73
CONTIG-006792	558	13	15	356	4
CONTIG-006793	691	54	459	804	26
CONTIG-006794	235	16	207	5	0
CONTIG-006795	194	8	13	51	0
CONTIG-006796	130	18	6	6	0
CONTIG-006797	118	4	10	14	0
CONTIG-006801	191	8	9	56	0
CONTIG-006803	37	956	213	446	120
CONTIG-006804	519	18	98	286	10
CONTIG-006805	267	22	272	63	0
CONTIG-006806	117	333	328	921	113
CONTIG-006807	452	8	49	101	0
CONTIG-006808	385	57	279	571	24
CONTIG-006809	124	8	7	4	2
CONTIG-006810	172	7	21	36	0
CONTIG-006815	259	30	438	94	0
CONTIG-006817	70	528	352	4	516
CONTIG-006818	236	19	28	38	0
CONTIG-006820	177	259	429	1351	66
CONTIG-006821	440	14	126	72	0
CONTIG-006822	811	11	45	219	3
CONTIG-006823	2224	40	1159	2939	16
CONTIG-006824	927	46	774	1766	6
CONTIG-006826	108	598	149	1715	132
CONTIG-006830	653	45	602	931	2
CONTIG-006831	65	8	4	11	0
CONTIG-006832	42	815	392	776	43
CONTIG-006833	400	13	85	144	2
CONTIG-006834	78	3	3	3	0
CONTIG-006835	158	401	505	1465	224
CONTIG-006836	199	7	5	37	0
CONTIG-006842	472	193	904	4663	2
CONTIG-006843	181	12	42	58	0
CONTIG-006844	65	50	7	83	0
CONTIG-006845	125	57	272	80	0
CONTIG-006846	582	21	33	369	38
CONTIG-006847	420	13	68	131	0
CONTIG-006848	126	8	70	0	0
CONTIG-006851	150	127	640	197	19
CONTIG-006852	1734	50	175	2455	12
CONTIG-006853	797	22	183	500	10
CONTIG-006854	203	7	0	52	0
CONTIG-006855	74	4	0	6	0
CONTIG-006858	160	22	193	45	0

CONTIG-006860	206	7	0	0	4
CONTIG-006861	86	5	7	8	0
CONTIG-006862	398	11	15	126	0
CONTIG-006863	1511	24	304	1299	11
CONTIG-006864	314	6	48	27	0
CONTIG-006865	1271	30	263	1298	8
CONTIG-006866	120	7	5	23	0
CONTIG-006867	877	18	73	786	2
CONTIG-006868	107	59	553	48	0
CONTIG-006870	792	36	711	949	2
CONTIG-006877	1502	28	382	2080	14
CONTIG-006878	213	5	20	15	0
CONTIG-006879	603	15	112	120	0
CONTIG-006880	106	6	7	4	0
CONTIG-006881	77	8	29	6	0
CONTIG-006882	355	423	2406	4654	365
CONTIG-006883	209	22	69	71	0
CONTIG-006884	506	21	84	416	2
CONTIG-006888	955	14	35	486	3
CONTIG-006889	494	100	653	1554	10
CONTIG-006890	598	78	763	1783	0
CONTIG-006891	154	10	22	33	0
CONTIG-006892	420	11	55	108	0
CONTIG-006893	431	11	17	151	0
CONTIG-006894	99	46	84	142	0
CONTIG-006896	110	5	18	4	0
CONTIG-006897	505	46	622	573	0
CONTIG-006898	42	1904	297	23	1297
CONTIG-006901	243	121	238	872	109
CONTIG-006905	412	34	81	354	10
CONTIG-006906	664	164	57	104	0
CONTIG-006907	95	7	7	14	0
CONTIG-006908	408	31	373	348	0
CONTIG-006909	95	3	0	8	0
CONTIG-006910	342	23	264	150	0
CONTIG-006911	91	5	4	13	0
CONTIG-006912	193	21	267	40	0
CONTIG-006913	1176	19	461	684	0
CONTIG-006914	87	696	330	1547	114
CONTIG-006915	489	53	169	592	41
CONTIG-006922	59	16	52	0	0
CONTIG-006923	348	11	218	94	0
CONTIG-006924	87	17	23	40	2
CONTIG-006925	149	33	104	0	70
CONTIG-006926	175	5	4	10	4
CONTIG-006927	53	662	99	11	1130
CONTIG-006928	298	21	130	153	0

CONTIG-006929	1456	38	256	1369	106
CONTIG-006932	596	20	210	288	0
CONTIG-006933	90	3	3	3	0
CONTIG-006934	1702	30	693	1492	37
CONTIG-006935	248	5	6	24	0
CONTIG-006936	175	20	133	88	0
CONTIG-006937	1564	43	916	2671	0
CONTIG-006938	195	8	13	18	0
CONTIG-006939	1095	30	440	670	22
CONTIG-006940	113	619	182	2769	214
CONTIG-006941	268	238	144	3460	35
CONTIG-006942	446	21	112	226	2
CONTIG-006944	444	33	166	745	0
CONTIG-006945	886	17	79	462	15
CONTIG-006946	187	312	110	1037	127
CONTIG-006947	132	8	12	29	0
CONTIG-006948	172	10	23	47	0
CONTIG-006949	244	9	49	81	0
CONTIG-006951	85	10	77	2	0
CONTIG-006952	271	8	107	46	0
CONTIG-006953	114	629	1290	1516	96
CONTIG-006954	517	41	135	766	2
CONTIG-006955	819	30	1090	488	4
CONTIG-006956	69	7	42	4	0
CONTIG-006957	318	75	426	1111	2
CONTIG-006958	818	58	923	2043	10
CONTIG-006959	113	4	0	11	0
CONTIG-006960	455	26	32	374	30
CONTIG-006961	169	133	2080	69	0
CONTIG-006962	193	25	212	159	0
CONTIG-006963	81	13	29	26	0
CONTIG-006964	2114	114	291	8055	538
CONTIG-006965	186	19	9	150	0
CONTIG-006966	439	23	146	376	6
CONTIG-006967	83	8	11	5	2
CONTIG-006968	41	77	150	40	0
CONTIG-006969	79	3	0	0	0
CONTIG-006970	372	9	38	79	0
CONTIG-006971	105	10	7	17	0
CONTIG-006974	68	11	4	20	0
CONTIG-006976	67	7	12	10	0
CONTIG-006977	63	2	3	0	0
CONTIG-006978	110	76	522	188	0
CONTIG-006979	678	24	303	473	2
CONTIG-006980	85	210	386	645	2
CONTIG-006981	120	8	24	16	0
CONTIG-006984	2568	40	356	5619	4

CONTIG-006985	178	18	75	19	0
CONTIG-006986	1574	31	435	2104	23
CONTIG-006987	628	17	116	153	2
CONTIG-006988	474	51	738	197	7
CONTIG-006989	58	3	3	0	0
CONTIG-006990	131	8	8	46	0
CONTIG-006991	760	15	141	279	2
CONTIG-006992	454	12	23	126	0
CONTIG-006994	711	159	4579	3142	2
CONTIG-006995	150	5	6	23	0
CONTIG-006996	421	42	186	899	0
CONTIG-006998	2554	35	797	4546	4
CONTIG-006999	194	6	24	42	0
CONTIG-007000	480	15	23	136	2
CONTIG-007001	78	140	464	160	9
CONTIG-007002	71	7	7	20	0
CONTIG-007003	482	119	929	681	11
CONTIG-007004	243	20	205	78	0
CONTIG-007011	810	13	29	248	0
CONTIG-007012	104	24	72	61	0
CONTIG-007013	203	13	27	51	0
CONTIG-007017	123	226	410	649	15
CONTIG-007018	1269	48	208	1438	203
CONTIG-007019	677	19	128	300	12
CONTIG-007020	1267	32	38	1052	119
CONTIG-007021	203	18	245	16	0
CONTIG-007022	107	925	1120	2093	88
CONTIG-007023	207	26	106	55	2
CONTIG-007024	302	66	578	506	13
CONTIG-007025	299	17	118	54	2
CONTIG-007026	52	104	12	267	0
CONTIG-007027	295	196	775	1069	276
CONTIG-007028	914	15	81	435	4
CONTIG-007029	710	15	176	70	53
CONTIG-007030	465	20	78	272	8
CONTIG-007031	166	6	47	5	0
CONTIG-007032	718	36	236	1043	0
CONTIG-007033	303	17	21	113	4
CONTIG-007034	285	8	21	39	0
CONTIG-007035	228	316	720	1560	223
CONTIG-007036	228	21	155	58	0
CONTIG-007037	52	129	351	3	0
CONTIG-007038	483	10	0	0	17
CONTIG-007039	289	9	6	49	4
CONTIG-007040	605	18	232	399	0
CONTIG-007041	812	30	331	921	2
CONTIG-007042	99	119	245	263	0

CONTIG-007043	107	605	1403	1141	140
CONTIG-007044	237	14	56	39	0
CONTIG-007045	803	15	93	375	0
CONTIG-007046	110	221	176	675	76
CONTIG-007047	161	48	0	0	43
CONTIG-007048	159	4	2	8	0
CONTIG-007049	670	18	106	293	0
CONTIG-007050	133	11	110	0	0
CONTIG-007057	158	66	0	0	187
CONTIG-007058	288	71	0	0	325
CONTIG-007059	599	42	292	592	0
CONTIG-007060	176	18	73	109	0
CONTIG-007061	728	11	38	276	4
CONTIG-007062	370	67	515	310	17
CONTIG-007063	312	18	38	153	2
CONTIG-007064	112	3	2	8	0
CONTIG-007065	490	25	151	444	2
CONTIG-007066	653	21	52	718	0
CONTIG-007067	201	19	294	0	8
CONTIG-007068	196	23	64	70	4
CONTIG-007069	931	24	263	1029	0
CONTIG-007071	230	13	7	45	0
CONTIG-007072	577	25	78	243	38
CONTIG-007073	728	21	128	458	0
CONTIG-007074	93	3	2	7	0
CONTIG-007077	635	73	299	1428	27
CONTIG-007078	539	17	98	384	0
CONTIG-007081	239	4	13	21	0
CONTIG-007082	71	16	58	19	0
CONTIG-007087	148	152	200	387	20
CONTIG-007090	279	65	884	541	0
CONTIG-007091	924	33	261	649	6
CONTIG-007092	770	32	399	482	8
CONTIG-007093	385	13	95	111	0
CONTIG-007094	166	33	237	92	2
CONTIG-007095	244	10	65	53	2
CONTIG-007096	436	141	614	1750	85
CONTIG-007098	1022	36	87	1648	14
CONTIG-007099	628	29	389	623	2
CONTIG-007100	86	219	167	756	19
CONTIG-007101	501	83	438	697	33
CONTIG-007104	712	12	38	341	2
CONTIG-007105	188	5	13	10	0
CONTIG-007107	187	7	5	26	0
CONTIG-007108	116	6	3	2	0
CONTIG-007109	64	3	8	0	0
CONTIG-007110	1096	47	110	2849	0

CONTIG-007111	126	33	6	0	0
CONTIG-007112	1027	28	55	1623	0
CONTIG-007113	792	23	319	504	10
CONTIG-007114	1079	13	120	628	0
CONTIG-007115	2186	29	261	1755	164
CONTIG-007116	615	30	220	851	2
CONTIG-007117	578	14	125	176	6
CONTIG-007118	179	6	18	21	0
CONTIG-007119	321	32	104	185	7
CONTIG-007120	195	102	39	458	0
CONTIG-007121	65	618	167	943	85
CONTIG-007122	84	18	126	0	0
CONTIG-007124	182	7	15	28	0
CONTIG-007125	86	14	49	17	0
CONTIG-007126	164	37	322	72	0
CONTIG-007127	58	6	17	0	0
CONTIG-007128	715	28	204	562	7
CONTIG-007129	453	12	57	127	0
CONTIG-007130	851	18	176	777	0
CONTIG-007133	337	23	57	115	4
CONTIG-007134	212	42	35	225	0
CONTIG-007135	1097	14	95	473	0
CONTIG-007136	541	34	4	178	138
CONTIG-007137	120	4	12	7	0
CONTIG-007138	694	24	32	172	0
CONTIG-007139	74	39	20	63	0
CONTIG-007140	812	24	104	858	4
CONTIG-007141	536	37	510	155	0
CONTIG-007142	294	24	8	65	0
CONTIG-007143	148	9	31	17	2
CONTIG-007144	620	24	55	491	2
CONTIG-007145	880	38	1149	1135	2
CONTIG-007148	468	43	298	718	11
CONTIG-007149	378	52	66	813	13
CONTIG-007150	771	38	79	781	64
CONTIG-007151	208	25	46	162	0
CONTIG-007153	1253	23	159	834	52
CONTIG-007158	181	6	29	0	8
CONTIG-007159	43	1010	1675	443	28
CONTIG-007161	149	381	517	2396	71
CONTIG-007166	120	8	28	17	0
CONTIG-007169	244	16	102	85	0
CONTIG-007170	271	8	27	66	0
CONTIG-007171	81	11	5	16	0
CONTIG-007172	321	37	266	173	9
CONTIG-007173	201	249	483	1249	133
CONTIG-007174	701	75	143	2057	73

CONTIG-007176	345	239	1692	2344	89
CONTIG-007179	77	3	2	6	0
CONTIG-007180	856	16	3	20	0
CONTIG-007181	51	500	86	540	42
CONTIG-007182	746	26	31	533	12
CONTIG-007184	332	14	59	67	0
CONTIG-007185	985	34	212	915	32
CONTIG-007187	325	18	106	74	4
CONTIG-007188	545	22	117	274	15
CONTIG-007190	117	181	486	169	0
CONTIG-007191	372	31	31	520	0
CONTIG-007192	203	12	26	47	0
CONTIG-007193	68	211	85	465	0
CONTIG-007194	104	4	0	5	0
CONTIG-007195	640	39	597	509	20
CONTIG-007196	58	4	2	6	0
CONTIG-007197	358	13	5	123	10
CONTIG-007198	277	10	2	59	0
CONTIG-007206	141	36	242	10	0
CONTIG-007207	119	495	1349	2170	20
CONTIG-007208	90	4	2	14	0
CONTIG-007209	474	63	46	639	45
CONTIG-007210	104	7	23	13	0
CONTIG-007211	159	18	7	77	0
CONTIG-007212	179	581	714	2189	234
CONTIG-007213	61	743	380	1759	30
CONTIG-007215	963	32	23	39	0
CONTIG-007216	149	15	75	86	0
CONTIG-007217	478	37	380	593	0
CONTIG-007218	246	10	16	111	0
CONTIG-007222	228	10	64	56	0
CONTIG-007224	187	6	6	37	0
CONTIG-007225	779	71	824	1360	75
CONTIG-007227	384	16	62	111	6
CONTIG-007236	809	30	206	653	12
CONTIG-007237	300	23	289	163	0
CONTIG-007238	38	285	5	164	0
CONTIG-007239	94	16	73	0	0
CONTIG-007240	190	6	9	34	0
CONTIG-007241	126	23	193	4	2
CONTIG-007242	76	287	93	541	17
CONTIG-007245	139	10	5	59	0
CONTIG-007246	392	61	543	564	6
CONTIG-007249	299	20	109	192	2
CONTIG-007250	76	1572	1037	5842	0
CONTIG-007251	95	19	33	24	0
CONTIG-007252	762	44	321	1137	5

CONTIG-007253	269	579	611	6077	108
CONTIG-007255	78	4	4	0	0
CONTIG-007257	60	416	224	260	70
CONTIG-007258	434	91	955	1199	4
CONTIG-007259	90	5	8	9	0
CONTIG-007260	86	5	9	7	0
CONTIG-007261	458	46	332	584	45
CONTIG-007262	100	410	180	1271	103
CONTIG-007263	84	8	5	16	0
CONTIG-007264	335	7	51	51	0
CONTIG-007265	101	9	19	10	0
CONTIG-007266	788	17	154	272	12
CONTIG-007267	101	122	954	228	0
CONTIG-007268	954	17	444	396	0
CONTIG-007269	264	224	980	769	138
CONTIG-007270	397	46	189	369	9
CONTIG-007271	1063	36	503	1537	0
CONTIG-007272	108	6	16	0	0
CONTIG-007274	1052	16	172	629	0
CONTIG-007275	778	16	147	477	0
CONTIG-007276	132	25	83	108	0
CONTIG-007277	146	14	40	52	0
CONTIG-007278	501	16	121	198	4
CONTIG-007279	203	9	61	40	0
CONTIG-007280	326	12	26	120	0
CONTIG-007281	280	25	74	204	2
CONTIG-007282	76	8	12	12	0
CONTIG-007283	408	18	62	136	0
CONTIG-007286	1197	17	176	825	0
CONTIG-007287	180	15	63	73	0
CONTIG-007288	167	11	45	15	0
CONTIG-007289	294	19	35	191	2
CONTIG-007290	549	10	127	151	4
CONTIG-007291	477	12	73	164	8
CONTIG-007294	755	31	549	454	29
CONTIG-007295	1683	42	398	2776	15
CONTIG-007296	1442	60	140	2646	8
CONTIG-007297	68	19	15	35	2
CONTIG-007298	240	22	34	238	0
CONTIG-007299	104	31	12	147	0
CONTIG-007300	66	3	0	2	0
CONTIG-007301	464	22	97	528	0
CONTIG-007302	114	5	8	9	0
CONTIG-007303	364	9	101	25	0
CONTIG-007305	458	107	1303	838	56
CONTIG-007306	128	387	243	2088	0
CONTIG-007307	295	18	143	2	5

CONTIG-007308	357	14	38	52	0
CONTIG-007309	473	44	805	652	0
CONTIG-007310	686	27	90	666	7
CONTIG-007311	278	21	251	97	0
CONTIG-007312	847	68	128	3022	14
CONTIG-007313	215	4	21	15	0
CONTIG-007314	181	134	6	1531	0
CONTIG-007315	214	10	2	53	0
CONTIG-007316	77	618	285	888	0
CONTIG-007317	261	9	20	62	0
CONTIG-007318	1819	25	146	1664	37
CONTIG-007319	62	916	243	2010	155
CONTIG-007320	341	27	156	146	2
CONTIG-007321	87	6	7	10	0
CONTIG-007322	504	17	47	391	0
CONTIG-007323	469	12	83	136	0
CONTIG-007324	206	12	17	93	2
CONTIG-007326	179	10	7	63	0
CONTIG-007327	79	370	225	864	75
CONTIG-007329	620	31	287	564	2
CONTIG-007330	305	255	1247	1463	164
CONTIG-007331	60	5	3	12	0
CONTIG-007332	116	8	4	7	0
CONTIG-007333	596	22	181	281	9
CONTIG-007334	638	11	50	227	4
CONTIG-007335	68	3	0	2	0
CONTIG-007336	160	7	13	20	0
CONTIG-007337	1559	15	104	1054	4
CONTIG-007344	53	188	548	170	0
CONTIG-007345	338	9	27	23	0
CONTIG-007347	68	4	0	13	0
CONTIG-007348	145	8	0	35	0
CONTIG-007349	351	19	102	176	2
CONTIG-007350	77	19	133	0	0
CONTIG-007351	143	18	19	74	0
CONTIG-007352	1021	25	386	593	5
CONTIG-007353	180	81	1307	155	0
CONTIG-007354	176	44	93	149	2
CONTIG-007355	277	50	107	337	36
CONTIG-007356	251	16	21	124	0
CONTIG-007357	260	200	314	2463	4
CONTIG-007362	221	17	24	170	2
CONTIG-007363	225	10	120	22	0
CONTIG-007364	1033	45	224	2518	0
CONTIG-007365	177	25	85	178	0
CONTIG-007366	64	3	4	2	0
CONTIG-007367	41	89	4	96	2

CONTIG-007368	637	19	23	405	2
CONTIG-007369	136	12	11	51	0
CONTIG-007370	127	45	84	125	12
CONTIG-007371	305	24	45	56	0
CONTIG-007372	2361	48	494	5315	152
CONTIG-007375	320	13	32	84	0
CONTIG-007376	367	18	41	2	51
CONTIG-007377	754	19	116	415	2
CONTIG-007379	131	38	427	12	0
CONTIG-007380	187	14	51	96	0
CONTIG-007381	194	464	703	1867	398
CONTIG-007382	664	69	154	1793	29
CONTIG-007383	150	72	57	208	0
CONTIG-007384	70	5	10	9	0
CONTIG-007385	73	8	2	17	2
CONTIG-007386	503	19	149	252	2
CONTIG-007387	356	23	693	55	0
CONTIG-007388	197	5	11	15	0
CONTIG-007389	296	9	46	81	2
CONTIG-007390	624	178	394	2804	571
CONTIG-007392	287	21	27	123	0
CONTIG-007393	164	23	27	69	0
CONTIG-007394	741	63	568	1533	15
CONTIG-007395	142	287	141	1509	127
CONTIG-007396	172	7	36	14	0
CONTIG-007397	44	263	112	148	14
CONTIG-007398	83	6	3	9	0
CONTIG-007399	140	9	32	10	0
CONTIG-007401	101	31	42	17	11
CONTIG-007402	115	12	36	33	0
CONTIG-007403	175	290	71	0	0
CONTIG-007404	228	8	19	46	2
CONTIG-007405	60	3	7	0	0
CONTIG-007406	85	10	63	3	0
CONTIG-007407	182	14	11	66	0
CONTIG-007408	262	34	99	199	16
CONTIG-007409	444	22	236	390	0
CONTIG-007410	118	6	4	12	0
CONTIG-007411	455	30	58	399	2
CONTIG-007412	790	90	681	1897	69
CONTIG-007413	297	15	76	33	0
CONTIG-007414	905	16	55	364	3
CONTIG-007415	2896	33	234	3483	111
CONTIG-007416	230	39	437	226	0
CONTIG-007420	648	23	797	365	0
CONTIG-007421	1774	101	396	9144	126
CONTIG-007422	103	37	67	116	0

CONTIG-007423	1188	58	210	4075	8
CONTIG-007424	1112	51	88	371	2
CONTIG-007425	113	12	12	48	0
CONTIG-007426	767	120	169	1586	593
CONTIG-007427	155	10	0	36	0
CONTIG-007428	126	15	64	18	2
CONTIG-007429	58	3	3	2	0
CONTIG-007430	220	24	37	238	4
CONTIG-007431	1363	26	311	1085	30
CONTIG-007432	141	334	741	678	226
CONTIG-007433	78	17	70	15	0
CONTIG-007434	564	48	266	957	38
CONTIG-007435	875	104	677	5305	4
CONTIG-007436	200	24	49	118	0
CONTIG-007438	417	20	31	153	0
CONTIG-007439	117	67	160	0	0
CONTIG-007440	393	101	26	2053	0
CONTIG-007441	960	13	126	398	2
CONTIG-007442	432	30	320	274	7
CONTIG-007443	1457	27	150	887	59
CONTIG-007444	246	27	30	349	0
CONTIG-007446	51	572	37	23	683
CONTIG-007447	78	25	173	0	0
CONTIG-007448	94	832	1210	1544	85
CONTIG-007449	70	6	4	9	0
CONTIG-007450	360	88	86	1595	8
CONTIG-007451	124	8	8	25	0
CONTIG-007452	292	8	51	27	0
CONTIG-007453	159	16	22	67	0
CONTIG-007454	257	28	96	175	4
CONTIG-007455	317	44	63	497	15
CONTIG-007457	68	3	2	4	0
CONTIG-007458	182	7	7	45	0
CONTIG-007459	572	46	196	1170	8
CONTIG-007461	437	28	78	426	12
CONTIG-007462	431	10	73	116	4
CONTIG-007463	178	18	128	76	3
CONTIG-007468	212	27	102	160	0
CONTIG-007469	646	16	173	307	0
CONTIG-007470	72	11	25	15	0
CONTIG-007473	417	17	21	158	7
CONTIG-007474	90	8	27	10	0
CONTIG-007475	71	7	0	11	0
CONTIG-007476	71	17	11	29	0
CONTIG-007477	385	11	106	110	0
CONTIG-007480	44	475	367	220	38
CONTIG-007481	91	12	91	0	0

CONTIG-007482	286	18	68	146	0
CONTIG-007484	251	20	106	140	0
CONTIG-007485	591	11	43	176	0
CONTIG-007486	479	497	1168	9586	837
CONTIG-007487	66	7	13	17	0
CONTIG-007488	413	47	49	251	50
CONTIG-007489	385	8	98	81	0
CONTIG-007491	816	50	240	600	0
CONTIG-007492	158	6	9	31	0
CONTIG-007494	455	26	13	714	0
CONTIG-007495	1484	154	540	5628	843
CONTIG-007496	93	6	30	2	0
CONTIG-007498	64	13	17	11	0
CONTIG-007499	401	88	0	0	501
CONTIG-007500	213	72	27	685	84
CONTIG-007501	754	36	955	580	0
CONTIG-007502	48	231	438	429	0
CONTIG-007503	247	11	92	40	0
CONTIG-007504	292	16	178	161	0
CONTIG-007509	293	28	269	130	0
CONTIG-007510	58	4	0	0	0
CONTIG-007511	225	5	14	39	0
CONTIG-007512	301	258	1185	1352	71
CONTIG-007513	147	7	30	16	0
CONTIG-007514	350	36	178	635	0
CONTIG-007515	935	24	367	580	2
CONTIG-007516	576	49	256	1254	15
CONTIG-007517	153	21	96	25	0
CONTIG-007518	297	39	115	397	4
CONTIG-007527	333	37	205	298	0
CONTIG-007528	95	10	9	35	0
CONTIG-007529	175	13	40	87	0
CONTIG-007530	1375	48	198	3093	0
CONTIG-007531	713	21	311	517	0
CONTIG-007532	316	12	25	106	0
CONTIG-007533	375	18	72	184	0
CONTIG-007534	236	8	18	43	0
CONTIG-007535	645	29	413	317	4
CONTIG-007536	207	28	111	156	0
CONTIG-007537	158	6	25	13	0
CONTIG-007538	145	140	1049	146	0
CONTIG-007539	123	6	9	19	0
CONTIG-007540	108	8	13	26	2
CONTIG-007541	243	14	41	139	0
CONTIG-007542	684	52	940	1258	5
CONTIG-007546	163	4	3	16	0
CONTIG-007554	416	16	79	140	3

CONTIG-007558	108	35	2	113	0
CONTIG-007559	82	8	0	24	0
CONTIG-007560	483	11	82	140	0
CONTIG-007561	106	92	626	0	0
CONTIG-007563	284	9	17	13	0
CONTIG-007564	64	8	24	7	0
CONTIG-007565	108	7	6	16	0
CONTIG-007566	89	8	26	2	0
CONTIG-007567	590	70	20	0	731
CONTIG-007568	260	49	110	429	6
CONTIG-007576	61	268	71	517	43
CONTIG-007577	301	14	43	40	0
CONTIG-007582	399	54	689	291	14
CONTIG-007583	228	1107	1248	7276	667
CONTIG-007584	850	53	170	2660	0
CONTIG-007585	121	18	202	8	0
CONTIG-007586	446	24	146	377	0
CONTIG-007587	76	81	479	2	7
CONTIG-007588	116	433	492	522	196
CONTIG-007589	454	16	30	207	0
CONTIG-007590	794	25	413	469	20
CONTIG-007591	145	6	16	15	0
CONTIG-007592	108	366	196	1612	21
CONTIG-007595	136	5	6	22	0
CONTIG-007599	401	102	423	1454	27
CONTIG-007600	524	28	493	562	0
CONTIG-007601	606	37	290	715	7
CONTIG-007602	819	42	178	1848	3
CONTIG-007603	89	5	6	13	0
CONTIG-007604	243	9	37	45	0
CONTIG-007605	97	13	10	32	0
CONTIG-007606	156	422	1215	947	145
CONTIG-007607	181	74	217	363	0
CONTIG-007608	340	8	15	90	0
CONTIG-007609	609	12	43	120	2
CONTIG-007610	65	96	459	0	0
CONTIG-007611	260	47	28	788	0
CONTIG-007612	240	154	405	883	6
CONTIG-007614	118	6	6	9	0
CONTIG-007615	405	344	1058	2922	396
CONTIG-007616	102	4	4	6	0
CONTIG-007621	163	102	46	363	39
CONTIG-007622	815	68	147	3329	4
CONTIG-007623	331	31	280	358	0
CONTIG-007624	573	28	378	686	0
CONTIG-007625	321	26	75	269	4
CONTIG-007626	513	14	38	238	2

CONTIG-007628	339	160	404	1666	35
CONTIG-007629	217	22	314	76	0
CONTIG-007634	456	17	71	189	2
CONTIG-007635	251	21	103	19	0
CONTIG-007636	70	7	4	12	0
CONTIG-007637	555	13	29	149	16
CONTIG-007638	847	15	58	544	3
CONTIG-007639	481	36	53	411	0
CONTIG-007640	294	6	2	25	2
CONTIG-007641	408	10	144	75	0
CONTIG-007642	123	7	7	18	0
CONTIG-007645	93	6	5	14	0
CONTIG-007646	841	79	667	1818	235
CONTIG-007648	483	25	440	344	0
CONTIG-007649	275	23	101	3	0
CONTIG-007650	1806	59	152	6265	2
CONTIG-007651	66	7	25	2	0
CONTIG-007652	550	77	65	1498	4
CONTIG-007653	359	21	214	244	2
CONTIG-007656	152	16	71	53	0
CONTIG-007657	306	11	28	107	0
CONTIG-007658	60	233	91	255	14
CONTIG-007660	917	31	144	1245	2
CONTIG-007661	124	6	3	0	0
CONTIG-007663	580	26	298	394	6
CONTIG-007664	836	17	45	322	30
CONTIG-007665	571	116	949	932	264
CONTIG-007676	60	196	26	0	0
CONTIG-007677	695	29	324	749	2
CONTIG-007678	155	114	213	267	8
CONTIG-007679	705	17	139	428	4
CONTIG-007681	443	101	159	1072	230
CONTIG-007682	324	29	71	352	0
CONTIG-007683	165	9	2	43	0
CONTIG-007690	108	14	74	19	0
CONTIG-007691	381	16	64	260	2
CONTIG-007692	203	16	31	73	0
CONTIG-007693	122	121	943	168	0
CONTIG-007694	99	241	1004	586	2
CONTIG-007695	64	12	0	20	0
CONTIG-007696	141	41	31	61	0
CONTIG-007697	44	421	73	224	0
CONTIG-007698	405	54	399	365	14
CONTIG-007699	1326	100	1004	4089	38
CONTIG-007700	231	51	95	463	0
CONTIG-007702	622	219	1178	2802	236
CONTIG-007703	504	31	538	306	0

CONTIG-007704	267	18	20	2	0
CONTIG-007705	2061	14	137	816	0
CONTIG-007706	228	17	92	90	2
CONTIG-007709	172	148	813	647	13
CONTIG-007710	37	286	725	0	2
CONTIG-007711	844	18	111	803	0
CONTIG-007712	80	8	16	12	0
CONTIG-007713	1165	121	952	4464	39
CONTIG-007714	93	3	4	6	0
CONTIG-007715	74	77	89	2	0
CONTIG-007719	337	35	126	401	0
CONTIG-007720	423	19	81	472	0
CONTIG-007721	104	5	27	4	0
CONTIG-007722	148	29	180	35	0
CONTIG-007723	76	408	199	722	108
CONTIG-007726	104	7	2	21	0
CONTIG-007727	500	7	13	103	0
CONTIG-007729	215	39	234	224	0
CONTIG-007730	381	13	114	102	2
CONTIG-007731	606	106	755	2166	53
CONTIG-007732	90	9	15	22	0
CONTIG-007733	1197	45	335	1097	46
CONTIG-007734	252	183	784	1469	10
CONTIG-007735	816	37	211	618	52
CONTIG-007736	81	4	4	11	0
CONTIG-007737	455	46	372	611	4
CONTIG-007738	227	6	21	12	0
CONTIG-007740	74	552	219	675	80
CONTIG-007741	186	21	270	0	0
CONTIG-007742	86	5	0	14	0
CONTIG-007744	101	728	0	0	294
CONTIG-007745	322	8	60	55	2
CONTIG-007747	79	27	31	50	0
CONTIG-007748	47	457	85	302	67
CONTIG-007749	93	368	320	1007	32
CONTIG-007750	114	8	12	29	0
CONTIG-007751	307	7	10	75	0
CONTIG-007752	93	5	3	14	0
CONTIG-007753	547	20	99	184	30
CONTIG-007754	219	12	34	79	0
CONTIG-007755	216	311	1166	1232	180
CONTIG-007756	94	77	324	0	2
CONTIG-007763	1388	71	572	2090	190
CONTIG-007764	192	29	117	187	0
CONTIG-007767	550	32	155	358	80
CONTIG-007768	383	30	96	211	11
CONTIG-007769	104	27	21	62	0

CONTIG-007770	657	15	31	269	6
CONTIG-007771	973	39	866	1436	4
CONTIG-007772	212	346	816	1421	176
CONTIG-007774	309	7	16	43	2
CONTIG-007775	182	323	165	3080	17
CONTIG-007776	568	16	137	133	0
CONTIG-007777	92	13	14	33	0
CONTIG-007778	142	13	21	64	0
CONTIG-007779	191	63	828	59	0
CONTIG-007780	184	11	29	71	0
CONTIG-007781	103	10	17	34	0
CONTIG-007782	316	8	72	62	0
CONTIG-007783	89	10	5	35	0
CONTIG-007784	361	17	105	244	0
CONTIG-007791	1166	22	88	289	2
CONTIG-007792	87	5	25	0	0
CONTIG-007793	342	12	55	145	0
CONTIG-007794	522	22	159	249	4
CONTIG-007796	442	11	129	84	0
CONTIG-007798	89	411	256	0	0
CONTIG-007799	59	146	89	103	12
CONTIG-007800	89	4	4	4	0
CONTIG-007801	189	22	57	138	0
CONTIG-007803	279	22	54	219	2
CONTIG-007804	163	6	25	14	0
CONTIG-007806	73	5	7	11	0
CONTIG-007808	79	40	22	11	20
CONTIG-007809	135	24	45	84	0
CONTIG-007811	134	63	252	130	0
CONTIG-007812	205	527	662	2280	221
CONTIG-007813	644	18	181	247	10
CONTIG-007814	271	39	201	393	4
CONTIG-007815	44	496	115	532	0
CONTIG-007816	493	51	160	720	10
CONTIG-007818	198	18	13	100	0
CONTIG-007819	139	75	889	81	0
CONTIG-007820	408	13	96	244	2
CONTIG-007821	1756	31	315	1302	40
CONTIG-007822	63	4	0	7	0
CONTIG-007823	102	6	0	24	0
CONTIG-007825	120	4	2	0	0
CONTIG-007828	97	25	28	61	0
CONTIG-007829	282	18	38	166	5
CONTIG-007836	182	219	428	1725	8
CONTIG-007837	66	8	10	22	0
CONTIG-007838	572	25	333	447	0
CONTIG-007839	236	83	279	960	0

CONTIG-007842	168	7	0	31	0
CONTIG-007843	137	10	5	63	0
CONTIG-007844	342	9	17	80	2
CONTIG-007845	92	11	97	0	0
CONTIG-007846	334	34	79	519	0
CONTIG-007847	44	1177	122	962	86
CONTIG-007848	285	19	298	112	0
CONTIG-007849	320	41	297	129	6
CONTIG-007850	181	11	5	11	0
CONTIG-007851	1306	50	2214	1990	13
CONTIG-007852	117	31	274	30	0
CONTIG-007853	265	21	119	100	0
CONTIG-007854	347	80	313	915	18
CONTIG-007855	709	24	32	856	0
CONTIG-007856	129	11	26	68	0
CONTIG-007857	89	12	3	16	2
CONTIG-007858	151	85	161	653	0
CONTIG-007859	153	5	8	9	0
CONTIG-007860	437	24	620	162	0
CONTIG-007861	152	144	141	1259	0
CONTIG-007862	934	22	1120	381	0
CONTIG-007863	2173	58	212	8205	0
CONTIG-007864	653	13	323	220	0
CONTIG-007865	47	274	344	166	26
CONTIG-007871	38	71	21	41	0
CONTIG-007872	141	6	3	25	0
CONTIG-007873	143	187	223	0	503
CONTIG-007874	64	14	29	0	0
CONTIG-007875	722	23	258	706	2
CONTIG-007881	228	10	3	80	0
CONTIG-007882	454	14	47	204	2
CONTIG-007883	227	5	48	11	0
CONTIG-007884	246	27	45	290	0
CONTIG-007885	307	50	75	687	8
CONTIG-007886	78	5	26	5	0
CONTIG-007889	1114	46	185	1772	15
CONTIG-007891	171	9	46	10	0
CONTIG-007892	291	5	6	41	0
CONTIG-007893	103	36	35	15	0
CONTIG-007894	737	94	840	3075	164
CONTIG-007895	576	26	16	757	0
CONTIG-007897	263	29	544	0	0
CONTIG-007898	158	12	188	0	0
CONTIG-007899	87	5	0	3	0
CONTIG-007901	487	29	193	516	0
CONTIG-007903	408	19	184	109	4
CONTIG-007904	968	33	93	368	0

CONTIG-007905	59	15	9	34	0
CONTIG-007906	555	42	205	1334	0
CONTIG-007907	497	30	136	432	4
CONTIG-007908	145	12	0	66	0
CONTIG-007909	732	24	134	351	17
CONTIG-007910	67	959	350	1725	133
CONTIG-007911	995	22	268	693	5
CONTIG-007912	581	12	56	164	4
CONTIG-007914	300	9	30	61	4
CONTIG-007915	328	24	148	268	0
CONTIG-007916	251	88	252	446	21
CONTIG-007917	207	9	38	43	0
CONTIG-007918	206	85	393	787	0
CONTIG-007919	189	8	12	27	0
CONTIG-007920	405	19	25	253	2
CONTIG-007922	423	17	20	124	5
CONTIG-007923	372	137	537	1600	0
CONTIG-007924	411	13	72	96	0
CONTIG-007925	158	8	8	31	2
CONTIG-007926	799	25	434	798	0
CONTIG-007927	108	5	9	6	0
CONTIG-007928	143	72	215	203	0
CONTIG-007929	171	23	89	92	0
CONTIG-007930	492	14	109	129	2
CONTIG-007931	811	89	286	2679	49
CONTIG-007932	161	6	0	29	2
CONTIG-007933	128	962	30	4071	0
CONTIG-007934	192	7	8	43	0
CONTIG-007935	93	319	317	209	71
CONTIG-007936	567	22	260	237	4
CONTIG-007937	194	32	217	76	0
CONTIG-007938	333	24	90	193	2
CONTIG-007939	604	67	713	1108	43
CONTIG-007940	104	5	9	14	0
CONTIG-007941	226	14	124	40	0
CONTIG-007942	1198	37	169	965	0
CONTIG-007943	331	5	9	39	0
CONTIG-007944	76	10	12	7	0
CONTIG-007952	317	22	112	239	4
CONTIG-007953	82	4	6	2	0
CONTIG-007954	698	26	79	684	2
CONTIG-007955	66	10	38	7	0
CONTIG-007956	45	14	0	6	0
CONTIG-007958	284	148	41	216	0
CONTIG-007959	583	16	186	278	2
CONTIG-007960	50	464	149	438	78
CONTIG-007961	103	3	0	12	0

CONTIG-007962	396	10	9	109	0
CONTIG-007963	126	8	32	20	0
CONTIG-007965	202	274	285	14	1008
CONTIG-007966	290	16	62	137	4
CONTIG-007967	215	164	159	1222	82
CONTIG-007968	344	22	33	266	2
CONTIG-007970	407	19	175	284	0
CONTIG-007971	410	27	58	552	2
CONTIG-007972	93	4	8	0	0
CONTIG-007973	685	30	234	558	2
CONTIG-007978	88	20	121	17	0
CONTIG-007979	53	679	482	1135	21
CONTIG-007980	439	14	61	239	0
CONTIG-007981	843	33	201	804	16
CONTIG-007982	401	24	14	354	2
CONTIG-007983	654	54	225	761	47
CONTIG-007984	209	22	284	50	0
CONTIG-007986	72	348	479	762	82
CONTIG-007987	279	11	29	64	0
CONTIG-007988	1524	27	225	1874	3
CONTIG-007989	374	59	242	964	4
CONTIG-007990	1106	24	46	789	0
CONTIG-007991	199	35	11	104	2
CONTIG-008000	730	31	227	439	0
CONTIG-008001	412	76	435	1115	7
CONTIG-008003	525	23	122	324	0
CONTIG-008004	186	3	8	13	0
CONTIG-008005	135	5	4	12	0
CONTIG-008006	987	70	801	3215	20
CONTIG-008007	162	5	8	31	0
CONTIG-008008	650	26	96	361	18
CONTIG-008011	154	186	260	636	63
CONTIG-008012	161	9	0	53	0
CONTIG-008013	153	6	2	15	0
CONTIG-008015	62	5	14	0	2
CONTIG-008016	210	12	63	67	0
CONTIG-008017	298	25	25	315	2
CONTIG-008018	202	7	75	18	0
CONTIG-008019	478	18	213	246	0
CONTIG-008020	890	195	404	5178	937
CONTIG-008021	296	11	0	88	0
CONTIG-008022	241	623	2450	4398	111
CONTIG-008023	403	15	38	188	2
CONTIG-008024	129	7	26	27	0
CONTIG-008026	83	46	80	74	0
CONTIG-008027	55	199	42	287	0
CONTIG-008028	84	10	47	11	0

CONTIG-008030	284	19	23	145	14
CONTIG-008031	99	3	4	9	0
CONTIG-008032	650	27	26	607	0
CONTIG-008033	1606	64	689	2427	146
CONTIG-008034	95	9	26	10	0
CONTIG-008035	228	13	23	102	0
CONTIG-008036	783	32	207	384	15
CONTIG-008037	977	21	165	860	4
CONTIG-008038	239	9	10	94	0
CONTIG-008039	1307	20	215	815	26
CONTIG-008043	379	15	179	127	0
CONTIG-008044	615	17	75	287	0
CONTIG-008045	1104	23	20	1081	5
CONTIG-008046	547	14	52	318	0
CONTIG-008047	335	19	9	215	0
CONTIG-008048	138	8	4	32	0
CONTIG-008049	297	30	206	251	4
CONTIG-008050	170	209	1014	974	0
CONTIG-008051	311	12	10	129	2
CONTIG-008052	138	14	17	66	0
CONTIG-008054	581	13	101	146	2
CONTIG-008063	97	51	23	0	0
CONTIG-008064	817	24	79	450	29
CONTIG-008065	248	8	61	56	0
CONTIG-008068	182	16	152	51	0
CONTIG-008069	266	24	199	156	2
CONTIG-008070	710	90	1139	2292	31
CONTIG-008071	255	13	20	80	0
CONTIG-008072	471	13	15	202	2
CONTIG-008075	454	12	69	157	2
CONTIG-008076	215	92	278	242	13
CONTIG-008077	328	39	114	638	2
CONTIG-008078	164	11	28	38	0
CONTIG-008079	76	5	2	14	0
CONTIG-008081	218	573	1496	1566	210
CONTIG-008083	484	12	36	220	0
CONTIG-008084	574	22	13	62	0
CONTIG-008093	308	38	54	556	7
CONTIG-008094	885	94	713	2052	1186
CONTIG-008095	518	77	105	1257	26
CONTIG-008096	370	207	326	1468	327
CONTIG-008097	85	9	3	25	0
CONTIG-008098	1442	14	117	422	10
CONTIG-008099	119	7	13	28	0
CONTIG-008102	172	33	53	214	0
CONTIG-008105	110	110	928	24	0
CONTIG-008106	1806	45	183	3802	17

CONTIG-008107	73	10	35	16	0
CONTIG-008108	195	14	48	84	2
CONTIG-008109	155	17	33	86	0
CONTIG-008110	815	12	37	297	2
CONTIG-008111	192	9	11	67	0
CONTIG-008112	962	23	47	957	15
CONTIG-008113	1477	24	112	1859	5
CONTIG-008114	469	84	274	1916	2
CONTIG-008116	134	8	6	38	0
CONTIG-008117	743	53	441	752	31
CONTIG-008119	248	7	5	36	0
CONTIG-008122	374	20	188	167	11
CONTIG-008123	48	245	80	307	4
CONTIG-008124	280	11	2	64	2
CONTIG-008125	54	564	174	491	115
CONTIG-008126	114	8	30	17	0
CONTIG-008127	164	31	37	36	2
CONTIG-008128	657	52	288	1391	0
CONTIG-008129	1134	18	192	398	2
CONTIG-008130	79	9	5	24	0
CONTIG-008131	1532	49	642	3775	4
CONTIG-008132	106	189	55	480	0
CONTIG-008133	555	57	590	1035	6
CONTIG-008134	214	11	53	69	0
CONTIG-008135	155	7	0	49	0
CONTIG-008136	1900	56	835	3991	52
CONTIG-008137	172	124	164	1123	0
CONTIG-008146	62	481	284	426	34
CONTIG-008147	492	10	9	112	16
CONTIG-008148	477	20	68	205	0
CONTIG-008149	145	8	45	16	0
CONTIG-008150	61	5	13	5	0
CONTIG-008151	102	225	363	260	119
CONTIG-008152	327	8	2	82	0
CONTIG-008153	3628	33	431	6198	11
CONTIG-008154	300	15	69	148	0
CONTIG-008155	169	109	514	273	6
CONTIG-008156	112	4	0	2	0
CONTIG-008157	268	16	54	65	0
CONTIG-008158	406	19	183	183	0
CONTIG-008159	69	3	2	2	0
CONTIG-008160	264	18	111	132	0
CONTIG-008161	313	31	114	297	6
CONTIG-008162	424	87	280	1722	6
CONTIG-008163	164	6	5	29	0
CONTIG-008164	139	7	30	4	0
CONTIG-008165	63	18	12	7	0

CONTIG-008166	96	9	15	21	0
CONTIG-008167	75	32	19	75	6
CONTIG-008168	285	21	76	137	13
CONTIG-008170	108	17	147	0	0
CONTIG-008171	917	50	611	786	61
CONTIG-008172	136	5	14	19	2
CONTIG-008173	1036	92	400	2295	187
CONTIG-008174	109	242	19	687	40
CONTIG-008175	63	7	2	4	0
CONTIG-008176	709	25	113	369	2
CONTIG-008177	98	99	79	242	4
CONTIG-008178	179	80	63	869	0
CONTIG-008179	247	6	4	13	2
CONTIG-008180	110	407	70	2352	4
CONTIG-008181	57	770	275	1042	93
CONTIG-008182	93	13	0	49	2
CONTIG-008183	400	102	130	1714	118
CONTIG-008190	779	54	183	850	41
CONTIG-008192	81	83	339	8	0
CONTIG-008193	210	22	218	143	0
CONTIG-008194	891	89	433	2092	201
CONTIG-008195	534	88	440	1195	57
CONTIG-008196	514	14	37	256	0
CONTIG-008197	824	34	127	921	31
CONTIG-008205	135	58	97	260	4
CONTIG-008206	98	302	124	1212	56
CONTIG-008207	219	148	215	892	16
CONTIG-008208	215	109	155	715	28
CONTIG-008209	427	19	70	329	0
CONTIG-008210	164	14	39	67	3
CONTIG-008211	509	74	425	974	85
CONTIG-008212	105	29	6	61	0
CONTIG-008213	38	41	24	21	0
CONTIG-008214	139	31	102	105	0
CONTIG-008215	199	9	64	20	0
CONTIG-008216	64	3	4	0	0
CONTIG-008217	808	20	128	620	2
CONTIG-008218	107	5	8	14	0
CONTIG-008219	1298	79	128	4896	21
CONTIG-008220	436	21	508	142	0
CONTIG-008221	293	13	81	114	0
CONTIG-008222	443	34	576	160	10
CONTIG-008223	214	10	28	47	0
CONTIG-008224	63	2	2	0	0
CONTIG-008225	96	3	10	2	0
CONTIG-008227	534	25	41	506	0
CONTIG-008230	155	12	56	7	0

CONTIG-008231	147	91	59	470	8
CONTIG-008235	1139	44	322	2035	42
CONTIG-008238	854	25	465	639	6
CONTIG-008239	796	114	1139	1750	179
CONTIG-008240	365	12	8	96	0
CONTIG-008241	349	12	2	107	2
CONTIG-008242	88	17	58	0	0
CONTIG-008243	482	32	37	417	0
CONTIG-008244	265	6	9	40	0
CONTIG-008246	113	11	88	2	0
CONTIG-008247	870	36	247	635	57
CONTIG-008248	103	10	17	22	0
CONTIG-008249	249	33	43	192	0
CONTIG-008250	272	19	61	157	6
CONTIG-008251	533	50	287	516	15
CONTIG-008252	797	17	9	78	0
CONTIG-008253	908	41	609	1426	0
CONTIG-008254	1890	27	165	2145	37
CONTIG-008255	404	15	81	86	0
CONTIG-008256	69	417	67	1060	0
CONTIG-008257	268	17	223	73	2
CONTIG-008258	78	477	110	1844	0
CONTIG-008260	83	4	5	8	0
CONTIG-008261	1350	32	220	2566	0
CONTIG-008267	93	41	2	0	19
CONTIG-008268	180	8	72	26	0
CONTIG-008269	352	12	83	120	0
CONTIG-008270	65	10	17	9	0
CONTIG-008271	271	17	50	135	0
CONTIG-008272	931	41	486	672	39
CONTIG-008276	139	5	0	20	0
CONTIG-008277	444	138	2104	722	57
CONTIG-008278	305	24	220	280	0
CONTIG-008279	328	18	105	179	0
CONTIG-008280	131	176	52	979	4
CONTIG-008281	276	32	162	333	2
CONTIG-008282	1105	14	85	325	8
CONTIG-008283	728	93	809	3342	4
CONTIG-008285	127	6	6	20	0
CONTIG-008286	62	376	442	662	7
CONTIG-008287	223	12	54	90	0
CONTIG-008288	163	25	27	123	0
CONTIG-008290	384	25	130	284	0
CONTIG-008291	59	819	816	1017	54
CONTIG-008292	125	32	126	27	0
CONTIG-008296	80	467	488	632	54
CONTIG-008297	473	46	110	398	4

CONTIG-008298	110	5	2	19	2
CONTIG-008299	587	37	431	1107	0
CONTIG-008300	211	19	53	93	0
CONTIG-008301	92	6	7	9	0
CONTIG-008306	997	81	340	1853	147
CONTIG-008307	106	125	318	182	4
CONTIG-008308	1082	53	1004	2251	8
CONTIG-008309	543	20	522	232	0
CONTIG-008310	168	148	732	945	6
CONTIG-008311	903	19	198	547	8
CONTIG-008312	638	16	26	273	0
CONTIG-008313	532	21	144	285	11
CONTIG-008314	410	17	48	239	0
CONTIG-008315	519	53	36	1498	0
CONTIG-008316	71	4	0	4	2
CONTIG-008317	200	10	35	39	0
CONTIG-008318	360	38	367	141	0
CONTIG-008319	49	17	5	2	0
CONTIG-008320	396	30	611	322	0
CONTIG-008321	49	13	7	7	0
CONTIG-008322	184	13	110	56	0
CONTIG-008324	215	39	629	162	0
CONTIG-008325	71	11	23	20	0
CONTIG-008328	905	25	0	0	136
CONTIG-008330	381	42	255	216	16
CONTIG-008331	600	25	123	592	2
CONTIG-008332	387	165	192	3046	13
CONTIG-008340	688	48	779	1182	5
CONTIG-008341	863	17	45	75	0
CONTIG-008342	167	17	34	67	0
CONTIG-008343	460	11	60	162	0
CONTIG-008344	364	15	21	186	0
CONTIG-008346	239	6	4	44	0
CONTIG-008347	125	17	26	68	0
CONTIG-008348	898	16	58	794	0
CONTIG-008349	206	125	174	1287	0
CONTIG-008350	183	6	13	38	0
CONTIG-008352	58	376	70	695	68
CONTIG-008353	454	27	262	243	4
CONTIG-008354	403	27	360	208	0
CONTIG-008355	740	60	446	1719	2
CONTIG-008357	944	35	134	854	57
CONTIG-008358	977	22	170	939	4
CONTIG-008359	313	142	152	2089	2
CONTIG-008360	720	75	333	1362	58
CONTIG-008361	84	5	2	5	0
CONTIG-008365	117	102	139	178	4

CONTIG-008366	75	86	64	305	0
CONTIG-008367	91	56	6	257	0
CONTIG-008368	414	12	143	145	0
CONTIG-008369	148	13	55	12	0
CONTIG-008370	102	11	78	8	0
CONTIG-008371	83	13	7	40	0
CONTIG-008373	334	17	154	222	0
CONTIG-008374	1441	47	365	2503	25
CONTIG-008375	215	14	15	71	0
CONTIG-008377	145	12	51	36	0
CONTIG-008378	146	33	39	0	0
CONTIG-008379	1729	38	337	2463	22
CONTIG-008380	394	54	98	684	10
CONTIG-008381	650	28	472	391	6
CONTIG-008382	85	27	41	36	0
CONTIG-008383	409	20	120	327	0
CONTIG-008384	186	159	1312	548	0
CONTIG-008385	243	9	17	72	0
CONTIG-008387	76	5	10	4	0
CONTIG-008388	222	15	106	109	0
CONTIG-008389	209	36	72	222	0
CONTIG-008390	1297	35	126	2308	2
CONTIG-008392	157	12	18	58	0
CONTIG-008393	164	6	18	10	2
CONTIG-008394	482	44	114	501	21
CONTIG-008395	97	7	2	31	0
CONTIG-008396	481	120	266	1770	215
CONTIG-008399	57	100	73	84	2
CONTIG-008400	149	25	46	149	0
CONTIG-008402	197	15	55	0	0
CONTIG-008403	1553	84	419	5052	70
CONTIG-008404	682	17	54	306	4
CONTIG-008407	229	10	63	22	0
CONTIG-008408	134	12	38	54	0
CONTIG-008409	540	269	1831	2821	418
CONTIG-008410	58	6	4	5	0
CONTIG-008411	243	7	28	22	0
CONTIG-008412	583	14	48	326	0
CONTIG-008413	641	15	82	274	2
CONTIG-008414	258	45	55	158	13
CONTIG-008416	97	5	6	6	0
CONTIG-008418	394	25	58	390	6
CONTIG-008420	128	52	80	228	0
CONTIG-008421	1507	27	512	1038	19
CONTIG-008423	1207	58	366	2284	20
CONTIG-008424	2180	32	193	2166	56
CONTIG-008425	123	352	404	1772	5

CONTIG-008426	214	6	10	46	0
CONTIG-008428	133	39	12	141	2
CONTIG-008430	133	342	584	1297	130
CONTIG-008431	74	5	15	0	0
CONTIG-008432	459	18	29	209	6
CONTIG-008433	58	5	13	2	0
CONTIG-008434	1735	74	700	2696	146
CONTIG-008435	1082	16	462	455	2
CONTIG-008436	377	26	216	0	48
CONTIG-008437	78	2	0	4	0
CONTIG-008438	371	13	28	19	2
CONTIG-008439	84	10	52	10	0
CONTIG-008440	288	22	11	79	0
CONTIG-008441	1666	55	701	3437	24
CONTIG-008442	647	48	375	1127	15
CONTIG-008443	113	49	123	265	0
CONTIG-008448	777	66	1644	1175	6
CONTIG-008449	150	10	23	24	0
CONTIG-008450	862	57	899	1723	4
CONTIG-008451	695	21	259	449	0
CONTIG-008452	100	17	82	2	0
CONTIG-008458	205	18	27	157	0
CONTIG-008460	104	8	0	33	0
CONTIG-008461	148	7	21	9	0
CONTIG-008462	1405	23	221	1165	14
CONTIG-008463	133	15	32	12	0
CONTIG-008464	150	10	55	21	0
CONTIG-008465	181	9	42	49	0
CONTIG-008466	193	7	30	25	0
CONTIG-008467	107	41	11	100	0
CONTIG-008468	597	12	38	161	4
CONTIG-008469	77	5	0	14	0
CONTIG-008470	523	13	16	377	0
CONTIG-008471	777	53	1018	786	2
CONTIG-008472	293	159	738	776	171
CONTIG-008473	1395	28	276	1302	29
CONTIG-008476	673	18	145	435	0
CONTIG-008477	188	630	562	5074	50
CONTIG-008478	134	14	62	30	2
CONTIG-008479	448	63	95	644	18
CONTIG-008480	68	6	0	14	2
CONTIG-008481	526	63	574	1201	2
CONTIG-008483	1064	144	342	3439	38
CONTIG-008484	101	81	101	50	2
CONTIG-008485	134	92	86	545	0
CONTIG-008486	766	64	750	1877	7
CONTIG-008487	206	14	15	105	0

CONTIG-008488	174	158	162	1020	22
CONTIG-008489	472	512	910	9309	63
CONTIG-008490	142	10	12	35	0
CONTIG-008493	219	27	70	247	0
CONTIG-008494	341	23	260	186	7
CONTIG-008495	128	7	19	21	0
CONTIG-008496	1047	22	128	655	6
CONTIG-008497	483	22	459	174	2
CONTIG-008498	62	8	25	2	0
CONTIG-008499	276	328	1768	2329	4
CONTIG-008500	372	8	16	68	0
CONTIG-008501	322	35	184	293	0
CONTIG-008502	1154	32	386	926	54
CONTIG-008503	80	10	13	2	0
CONTIG-008504	95	12	88	2	0
CONTIG-008505	68	4	2	2	0
CONTIG-008507	181	17	58	110	2
CONTIG-008508	602	295	1056	7489	86
CONTIG-008509	555	16	27	393	0
CONTIG-008510	824	20	44	294	0
CONTIG-008511	146	161	2200	116	0
CONTIG-008512	222	38	242	190	0
CONTIG-008513	283	8	35	6	0
CONTIG-008514	745	11	20	239	0
CONTIG-008515	304	18	193	103	2
CONTIG-008516	46	247	41	0	14
CONTIG-008518	1175	35	535	876	76
CONTIG-008519	176	90	304	499	0
CONTIG-008520	457	19	250	197	0
CONTIG-008521	327	30	100	446	0
CONTIG-008522	484	15	110	77	0
CONTIG-008524	511	28	191	567	4
CONTIG-008526	219	7	21	28	2
CONTIG-008527	701	76	436	3028	16
CONTIG-008528	273	7	15	44	0
CONTIG-008529	325	25	45	162	8
CONTIG-008530	69	7	5	10	0
CONTIG-008531	93	7	0	21	0
CONTIG-008532	175	106	258	122	33
CONTIG-008533	673	22	161	174	0
CONTIG-008534	124	11	52	21	0
CONTIG-008535	177	210	171	1386	142
CONTIG-008536	149	17	49	108	0
CONTIG-008541	441	13	30	187	2
CONTIG-008542	114	9	49	18	0
CONTIG-008543	147	15	95	38	0
CONTIG-008544	536	8	12	158	2

CONTIG-008546	506	19	223	271	0
CONTIG-008547	362	42	488	482	0
CONTIG-008548	877	24	314	986	2
CONTIG-008549	424	28	151	341	2
CONTIG-008550	2541	38	908	3384	32
CONTIG-008551	934	38	469	1281	0
CONTIG-008552	128	8	7	46	0
CONTIG-008553	501	48	160	704	2
CONTIG-008556	837	33	312	676	14
CONTIG-008557	920	23	221	737	8
CONTIG-008558	110	12	11	52	0
CONTIG-008559	283	170	331	1466	53
CONTIG-008560	255	9	23	63	0
CONTIG-008561	245	11	16	99	0
CONTIG-008562	204	8	15	39	0
CONTIG-008563	500	25	206	265	2
CONTIG-008564	160	6	16	10	0
CONTIG-008565	592	24	66	279	6
CONTIG-008566	147	5	9	24	0
CONTIG-008567	725	74	681	1616	13
CONTIG-008568	120	38	53	152	0
CONTIG-008569	110	257	178	750	34
CONTIG-008570	79	8	32	2	0
CONTIG-008571	867	70	1848	1661	66
CONTIG-008572	1552	14	3	0	0
CONTIG-008573	265	20	25	109	0
CONTIG-008574	49	2545	1720	672	1520
CONTIG-008575	603	7	49	116	0
CONTIG-008576	321	10	17	110	0
CONTIG-008577	442	29	398	388	0
CONTIG-008578	102	7	43	7	0
CONTIG-008579	110	17	165	22	0
CONTIG-008584	414	11	75	74	0
CONTIG-008585	157	10	31	39	0
CONTIG-008586	95	5	36	2	0
CONTIG-008587	596	16	140	369	0
CONTIG-008596	71	13	10	21	0
CONTIG-008598	946	40	83	1187	17
CONTIG-008599	159	14	93	16	0
CONTIG-008600	457	15	7	278	2
CONTIG-008601	81	8	7	15	0
CONTIG-008602	800	27	94	900	4
CONTIG-008603	754	19	69	414	0
CONTIG-008604	81	3	3	0	0
CONTIG-008606	539	17	595	192	0
CONTIG-008608	380	11	88	96	0
CONTIG-008609	192	42	54	440	0

CONTIG-008610	406	18	117	226	2
CONTIG-008611	517	24	501	161	0
CONTIG-008612	212	7	14	40	0
CONTIG-008613	142	8	12	11	0
CONTIG-008614	154	9	4	19	0
CONTIG-008615	247	9	18	108	0
CONTIG-008616	670	35	228	1070	0
CONTIG-008617	197	8	18	24	0
CONTIG-008618	1031	47	530	1456	8
CONTIG-008619	523	34	103	421	13
CONTIG-008620	683	84	165	1464	167
CONTIG-008621	321	9	87	76	2
CONTIG-008622	823	23	141	719	0
CONTIG-008623	575	14	125	228	0
CONTIG-008624	677	19	148	241	12
CONTIG-008625	674	11	22	308	0
CONTIG-008626	1027	39	383	1322	21
CONTIG-008631	73	9	21	6	0
CONTIG-008632	116	6	21	19	0
CONTIG-008633	252	20	100	107	0
CONTIG-008637	145	33	431	10	0
CONTIG-008638	234	10	8	75	0
CONTIG-008639	281	28	84	338	0
CONTIG-008640	177	9	57	37	0
CONTIG-008641	121	36	320	31	0
CONTIG-008642	507	52	535	1202	0
CONTIG-008643	475	10	136	136	0
CONTIG-008644	1641	17	206	705	4
CONTIG-008645	635	54	375	633	34
CONTIG-008646	311	16	30	209	0
CONTIG-008647	180	10	6	50	0
CONTIG-008648	52	149	116	344	0
CONTIG-008650	71	296	0	1121	0
CONTIG-008653	38	551	23	6	626
CONTIG-008655	136	8	3	41	0
CONTIG-008657	515	11	93	150	0
CONTIG-008661	782	91	1024	2050	22
CONTIG-008662	226	9	38	36	0
CONTIG-008663	67	11	39	17	0
CONTIG-008664	720	27	284	421	6
CONTIG-008665	1316	27	57	755	78
CONTIG-008666	96	24	174	17	0
CONTIG-008667	526	42	221	815	0
CONTIG-008668	390	40	451	376	0
CONTIG-008677	454	94	22	0	949
CONTIG-008678	143	14	32	69	0
CONTIG-008680	248	27	50	88	0

CONTIG-008683	80	5	14	2	0
CONTIG-008684	97	4	10	10	0
CONTIG-008685	163	18	17	14	0
CONTIG-008688	135	4	0	18	0
CONTIG-008689	1847	46	736	4906	2
CONTIG-008690	493	18	44	387	0
CONTIG-008691	768	22	265	453	0
CONTIG-008692	171	10	17	22	0
CONTIG-008693	137	14	37	67	2
CONTIG-008694	681	11	36	160	2
CONTIG-008695	214	30	122	144	0
CONTIG-008696	915	35	434	1477	0
CONTIG-008697	50	92	9	53	0
CONTIG-008699	345	49	340	559	4
CONTIG-008700	58	3	2	0	0
CONTIG-008701	156	7	7	12	0
CONTIG-008702	165	42	101	272	2
CONTIG-008705	614	17	280	308	0
CONTIG-008706	102	8	20	0	0
CONTIG-008707	320	49	350	308	6
CONTIG-008708	186	227	220	1958	4
CONTIG-008709	417	47	68	840	0
CONTIG-008710	185	7	14	49	0
CONTIG-008711	109	21	181	18	0
CONTIG-008712	839	67	371	3366	0
CONTIG-008713	102	80	894	0	7
CONTIG-008714	172	7	51	4	0
CONTIG-008716	53	64	8	95	0
CONTIG-008717	345	7	29	61	0
CONTIG-008718	575	16	33	196	0
CONTIG-008719	455	14	56	296	0
CONTIG-008720	85	7	8	6	0
CONTIG-008721	137	668	239	1967	382
CONTIG-008722	145	10	10	40	0
CONTIG-008723	96	9	76	0	0
CONTIG-008726	97	13	21	0	0
CONTIG-008727	225	10	55	41	0
CONTIG-008728	988	24	136	890	8
CONTIG-008729	63	6	6	12	0
CONTIG-008730	169	78	193	109	0
CONTIG-008731	536	21	55	483	2
CONTIG-008732	225	8	7	47	0
CONTIG-008733	602	26	412	532	0
CONTIG-008734	108	12	11	45	0
CONTIG-008735	721	8	20	175	0
CONTIG-008736	73	9	7	9	0
CONTIG-008737	205	16	30	137	0

CONTIG-008738	64	115	453	2	5
CONTIG-008739	75	12	28	0	0
CONTIG-008740	79	11	2	41	0
CONTIG-008741	361	24	221	216	6
CONTIG-008742	883	17	192	448	2
CONTIG-008743	316	9	33	80	3
CONTIG-008744	71	6	16	2	0
CONTIG-008745	171	11	10	16	0
CONTIG-008748	2260	49	73	5947	11
CONTIG-008749	464	24	163	232	4
CONTIG-008750	252	6	17	12	0
CONTIG-008751	657	21	173	399	4
CONTIG-008752	189	8	23	60	0
CONTIG-008754	891	15	137	343	7
CONTIG-008755	63	12	55	0	0
CONTIG-008756	203	311	871	3027	31
CONTIG-008758	400	16	114	193	0
CONTIG-008767	290	8	32	36	0
CONTIG-008768	97	3	2	2	0
CONTIG-008769	581	21	118	229	13
CONTIG-008770	68	7	10	12	0
CONTIG-008771	587	55	460	764	17
CONTIG-008772	212	18	7	173	0
CONTIG-008773	570	125	681	3524	8
CONTIG-008774	238	17	7	0	38
CONTIG-008775	141	14	61	22	0
CONTIG-008776	687	41	156	899	6
CONTIG-008777	150	24	238	23	0
CONTIG-008778	1381	87	690	5624	5
CONTIG-008779	76	35	124	4	0
CONTIG-008780	501	13	229	122	0
CONTIG-008781	261	43	204	471	4
CONTIG-008782	156	8	20	22	0
CONTIG-008791	338	14	86	145	0
CONTIG-008792	480	119	1519	2358	41
CONTIG-008793	553	15	84	132	4
CONTIG-008794	97	9	4	35	0
CONTIG-008795	84	686	126	1846	5
CONTIG-008796	661	49	833	801	33
CONTIG-008797	215	277	2391	375	52
CONTIG-008798	665	30	115	635	0
CONTIG-008799	216	25	149	100	0
CONTIG-008800	126	12	22	28	0
CONTIG-008801	187	6	7	23	2
CONTIG-008802	117	10	14	32	0
CONTIG-008804	55	252	435	86	8
CONTIG-008806	353	75	82	605	32

CONTIG-008807	462	16	96	278	0
CONTIG-008808	201	8	56	39	0
CONTIG-008809	169	16	47	88	0
CONTIG-008810	1048	14	61	710	0
CONTIG-008812	178	5	2	14	0
CONTIG-008813	581	65	718	1446	8
CONTIG-008814	2312	85	341	12245	0
CONTIG-008815	458	18	441	161	0
CONTIG-008816	86	6	5	23	0
CONTIG-008828	1146	99	187	6364	2
CONTIG-008832	57	358	611	106	17
CONTIG-008833	84	172	2	736	0
CONTIG-008834	89	11	14	29	0
CONTIG-008843	2865	60	820	7658	8
CONTIG-008844	733	57	407	1438	11
CONTIG-008845	1238	32	515	1463	15
CONTIG-008846	1029	59	409	2782	17
CONTIG-008847	97	85	300	25	4
CONTIG-008848	92	11	47	2	0
CONTIG-008849	383	19	72	184	4
CONTIG-008850	182	6	16	12	0
CONTIG-008851	1490	20	98	1113	6
CONTIG-008852	102	5	0	11	0
CONTIG-008854	70	7	12	15	0
CONTIG-008855	214	18	21	171	0
CONTIG-008856	860	22	128	507	5
CONTIG-008857	686	20	92	548	0
CONTIG-008864	697	10	84	253	0
CONTIG-008865	289	32	46	206	23
CONTIG-008868	61	4	6	6	0
CONTIG-008869	244	8	14	55	0
CONTIG-008870	148	19	119	39	0
CONTIG-008871	226	22	83	108	0
CONTIG-008872	121	14	2	63	0
CONTIG-008873	274	11	15	95	0
CONTIG-008874	75	3	10	0	0
CONTIG-008877	376	53	180	673	9
CONTIG-008886	598	18	151	372	4
CONTIG-008887	414	17	56	193	9
CONTIG-008888	482	9	44	120	0
CONTIG-008889	150	19	58	108	0
CONTIG-008890	1196	19	134	869	4
CONTIG-008891	228	41	253	331	0
CONTIG-008892	94	10	2	31	2
CONTIG-008893	363	21	36	328	0
CONTIG-008896	428	16	198	220	0
CONTIG-008897	669	26	78	696	2

CONTIG-008898	235	20	111	116	0
CONTIG-008899	70	10	20	20	0
CONTIG-008900	575	8	22	165	3
CONTIG-008901	400	9	100	66	0
CONTIG-008902	96	6	0	19	0
CONTIG-008903	102	6	18	9	0
CONTIG-008905	1154	47	79	3398	0
CONTIG-008910	193	12	27	53	0
CONTIG-008911	473	36	60	551	2
CONTIG-008912	220	7	34	59	0
CONTIG-008913	64	50	133	34	0
CONTIG-008914	788	69	346	3197	2
CONTIG-008915	43	386	869	57	70
CONTIG-008916	131	35	315	0	24
CONTIG-008917	137	713	810	2092	179
CONTIG-008918	147	12	2	34	0
CONTIG-008919	58	5	8	7	0
CONTIG-008920	123	7	3	34	0
CONTIG-008921	1029	46	393	1685	9
CONTIG-008922	120	214	195	1378	0
CONTIG-008923	50	537	143	559	64
CONTIG-008925	437	40	268	364	0
CONTIG-008926	568	16	74	246	2
CONTIG-008927	1493	39	547	1057	198
CONTIG-008928	92	6	7	17	2
CONTIG-008929	707	15	18	2	65
CONTIG-008930	1279	27	564	647	15
CONTIG-008936	298	7	22	57	2
CONTIG-008937	868	42	292	1946	0
CONTIG-008938	60	8	6	4	0
CONTIG-008945	92	32	25	65	2
CONTIG-008946	379	63	285	1187	2
CONTIG-008953	120	694	1832	1575	205
CONTIG-008955	1295	40	362	1402	66
CONTIG-008957	305	176	422	1243	184
CONTIG-008958	182	8	28	11	0
CONTIG-008959	636	12	141	198	0
CONTIG-008960	624	28	500	448	0
CONTIG-008963	192	8	10	43	0
CONTIG-008964	1022	21	262	505	7
CONTIG-008968	76	5	4	4	0
CONTIG-008969	842	11	30	412	0
CONTIG-008970	753	26	374	464	108
CONTIG-008971	132	7	2	21	0
CONTIG-008972	354	21	62	368	2
CONTIG-008973	201	10	18	52	0
CONTIG-008974	152	201	322	1673	18

CONTIG-008975	1141	42	192	1262	37
CONTIG-008976	779	15	112	450	4
CONTIG-008977	973	15	128	553	0
CONTIG-008978	1846	19	200	1186	8
CONTIG-008979	71	19	81	2	0
CONTIG-008980	92	10	5	17	2
CONTIG-008981	66	6	13	7	0
CONTIG-008982	111	17	22	53	0
CONTIG-008984	784	43	233	824	29
CONTIG-008985	118	46	26	282	0
CONTIG-008986	235	9	41	58	0
CONTIG-008987	246	143	1386	871	0
CONTIG-008988	113	9	5	36	0
CONTIG-008989	303	23	127	278	2
CONTIG-008991	575	16	112	102	4
CONTIG-008992	134	10	18	4	0
CONTIG-008993	66	8	37	0	0
CONTIG-008994	685	15	98	300	0
CONTIG-008995	462	14	35	200	0
CONTIG-008996	147	369	502	1372	84
CONTIG-008997	105	7	2	24	0
CONTIG-008999	646	95	235	994	61
CONTIG-009000	957	39	686	1139	0
CONTIG-009001	345	10	22	63	0
CONTIG-009002	154	8	14	31	0
CONTIG-009003	501	17	82	269	0
CONTIG-009004	299	7	20	74	0
CONTIG-009005	125	4	9	4	0
CONTIG-009006	58	20	54	2	0
CONTIG-009007	58	70	104	4	0
CONTIG-009008	90	8	13	0	0
CONTIG-009009	90	3	2	4	0
CONTIG-009010	449	18	63	168	0
CONTIG-009017	625	16	72	417	0
CONTIG-009018	1239	40	497	2327	4
CONTIG-009019	229	8	39	19	0
CONTIG-009020	77	4	2	7	0
CONTIG-009021	263	166	662	760	132
CONTIG-009022	93	9	2	0	0
CONTIG-009023	261	14	71	30	7
CONTIG-009024	603	16	31	381	2
CONTIG-009025	347	11	19	82	2
CONTIG-009026	1057	49	625	1776	6
CONTIG-009027	315	15	52	167	0
CONTIG-009028	824	16	159	444	2
CONTIG-009029	1266	23	351	724	4
CONTIG-009031	45	230	36	288	28

CONTIG-009032	80	37	21	14	0
CONTIG-009033	59	4	2	0	0
CONTIG-009034	854	14	116	460	9
CONTIG-009035	162	15	28	101	2
CONTIG-009036	59	5	3	0	0
CONTIG-009037	71	32	10	88	4
CONTIG-009038	61	15	31	15	0
CONTIG-009039	267	442	543	6932	0
CONTIG-009040	293	8	34	83	0
CONTIG-009044	774	98	678	2275	147
CONTIG-009045	239	16	163	77	0
CONTIG-009046	305	19	252	135	0
CONTIG-009047	104	87	100	260	0
CONTIG-009048	58	8	2	8	0
CONTIG-009049	301	16	44	128	0
CONTIG-009050	482	145	346	4062	10
CONTIG-009051	97	7	2	19	0
CONTIG-009052	286	12	34	73	2
CONTIG-009053	90	13	73	2	0
CONTIG-009056	73	8	10	19	0
CONTIG-009057	1153	101	384	4998	210
CONTIG-009058	139	10	107	10	0
CONTIG-009059	655	19	299	457	0
CONTIG-009060	87	4	8	9	0
CONTIG-009061	37	4898	788	39	2442
CONTIG-009062	914	21	58	627	0
CONTIG-009063	102	30	39	25	2
CONTIG-009064	482	30	348	484	6
CONTIG-009065	869	34	509	1064	0
CONTIG-009066	458	12	45	186	0
CONTIG-009069	364	48	25	1022	0
CONTIG-009070	99	8	2	32	0
CONTIG-009083	94	10	51	20	0
CONTIG-009084	1019	22	89	925	4
CONTIG-009085	109	5	3	18	0
CONTIG-009086	974	16	161	512	0
CONTIG-009087	407	11	110	74	0
CONTIG-009088	76	3	4	0	0
CONTIG-009089	242	9	18	32	0
CONTIG-009092	175	10	0	4	0
CONTIG-009093	419	25	244	420	2
CONTIG-009094	372	27	62	165	9
CONTIG-009095	1278	27	139	1058	83
CONTIG-009098	239	9	27	55	0
CONTIG-009099	94	10	12	17	0
CONTIG-009100	899	49	333	641	0
CONTIG-009102	74	33	67	41	0

CONTIG-009103	513	18	101	184	6
CONTIG-009104	445	36	167	483	8
CONTIG-009105	167	8	23	28	0
CONTIG-009112	86	14	14	19	0
CONTIG-009113	178	10	5	93	0
CONTIG-009114	76	9	5	20	0
CONTIG-009115	119	6	12	22	0
CONTIG-009116	155	10	90	6	0
CONTIG-009117	60	3	0	2	0
CONTIG-009118	327	23	53	112	5
CONTIG-009119	85	5	0	12	0
CONTIG-009120	314	279	1072	1583	171
CONTIG-009121	76	4	0	2	0
CONTIG-009122	147	15	57	40	0
CONTIG-009123	189	6	23	19	0
CONTIG-009124	1447	48	113	2708	60
CONTIG-009125	158	35	5	200	0
CONTIG-009128	69	8	2	7	0
CONTIG-009129	78	8	10	2	0
CONTIG-009130	350	26	206	290	0
CONTIG-009131	437	11	66	156	5
CONTIG-009132	157	17	30	21	0
CONTIG-009133	246	629	698	8970	0
CONTIG-009135	96	78	254	0	2
CONTIG-009136	377	24	79	311	2
CONTIG-009138	869	19	81	837	0
CONTIG-009139	444	22	69	142	5
CONTIG-009140	974	18	187	683	0
CONTIG-009141	627	16	27	245	4
CONTIG-009142	1193	21	116	603	20
CONTIG-009143	604	21	126	454	2
CONTIG-009144	67	19	3	42	2
CONTIG-009153	257	23	181	122	2
CONTIG-009154	114	7	35	16	0
CONTIG-009155	66	22	27	14	0
CONTIG-009156	208	5	5	33	0
CONTIG-009157	144	6	19	0	0
CONTIG-009158	135	41	285	54	0
CONTIG-009159	225	8	10	41	2
CONTIG-009160	259	20	180	128	0
CONTIG-009161	69	179	693	271	0
CONTIG-009162	198	25	16	199	2
CONTIG-009166	122	17	93	23	0
CONTIG-009167	180	89	411	621	0
CONTIG-009169	91	3	5	4	0
CONTIG-009172	360	40	215	215	17
CONTIG-009173	65	5	12	2	0

CONTIG-009174	730	18	216	372	0
CONTIG-009175	112	5	6	7	0
CONTIG-009176	543	107	6	0	838
CONTIG-009177	86	11	36	2	0
CONTIG-009178	132	505	308	3442	0
CONTIG-009179	172	448	312	1305	254
CONTIG-009180	103	181	87	713	9
CONTIG-009186	216	7	2	27	0
CONTIG-009187	75	14	41	20	0
CONTIG-009188	954	19	260	504	6
CONTIG-009190	277	7	16	59	0
CONTIG-009191	615	25	77	422	10
CONTIG-009192	320	9	9	105	3
CONTIG-009193	451	19	209	317	4
CONTIG-009196	69	1424	589	2531	267
CONTIG-009197	63	9	2	15	0
CONTIG-009198	497	13	81	111	0
CONTIG-009199	489	10	67	94	5
CONTIG-009203	49	1683	88	164	1945
CONTIG-009204	805	59	330	1909	4
CONTIG-009205	339	15	33	213	0
CONTIG-009210	219	23	21	169	0
CONTIG-009211	424	43	377	606	6
CONTIG-009212	61	4	11	0	0
CONTIG-009213	277	26	116	243	2
CONTIG-009214	50	11	24	0	0
CONTIG-009215	174	39	612	2	22
CONTIG-009216	190	416	955	2111	130
CONTIG-009217	89	9	11	21	0
CONTIG-009220	181	25	345	56	0
CONTIG-009221	65	19	77	0	0
CONTIG-009222	237	7	14	40	0
CONTIG-009223	733	22	176	556	6
CONTIG-009224	208	122	282	392	20
CONTIG-009226	571	22	8	368	6
CONTIG-009227	235	14	6	92	0
CONTIG-009228	63	5	2	9	0
CONTIG-009236	157	10	4	61	0
CONTIG-009237	40	270	96	148	10
CONTIG-009238	91	6	36	0	0
CONTIG-009239	90	883	1292	970	85
CONTIG-009240	914	26	251	1018	0
CONTIG-009241	1479	18	204	595	32
CONTIG-009242	292	173	361	1158	53
CONTIG-009253	398	50	8	1058	0
CONTIG-009254	322	15	61	154	0
CONTIG-009255	438	9	19	116	2

CONTIG-009256	319	37	103	248	45
CONTIG-009257	363	42	50	50	6
CONTIG-009258	583	34	257	608	6
CONTIG-009259	65	80	22	155	0
CONTIG-009260	172	12	58	51	0
CONTIG-009261	771	25	652	709	0
CONTIG-009267	259	16	27	82	0
CONTIG-009268	192	7	10	26	0
CONTIG-009269	170	22	232	54	0
CONTIG-009270	52	780	1326	398	53
CONTIG-009271	183	5	9	17	0
CONTIG-009272	263	19	31	104	2
CONTIG-009273	657	25	53	716	4
CONTIG-009275	71	23	17	63	0
CONTIG-009276	917	16	109	573	0
CONTIG-009277	138	9	35	22	0
CONTIG-009278	109	7	5	18	0
CONTIG-009279	120	223	1049	78	8
CONTIG-009280	520	120	808	717	74
CONTIG-009281	619	105	252	2655	21
CONTIG-009282	548	22	945	108	0
CONTIG-009283	363	14	87	112	0
CONTIG-009284	100	16	30	28	0
CONTIG-009285	224	17	29	199	0
CONTIG-009286	87	7	0	10	0
CONTIG-009287	273	8	65	71	0
CONTIG-009288	456	67	122	654	0
CONTIG-009289	260	14	90	128	0
CONTIG-009290	670	46	169	1198	0
CONTIG-009291	615	15	83	229	2
CONTIG-009292	77	573	400	1282	108
CONTIG-009293	222	8	46	43	0
CONTIG-009294	70	9	5	14	0
CONTIG-009295	1444	25	120	1962	2
CONTIG-009296	460	17	48	266	0
CONTIG-009299	266	10	62	69	2
CONTIG-009300	646	15	96	283	6
CONTIG-009301	194	17	101	50	0
CONTIG-009302	969	44	164	1238	69
CONTIG-009303	224	197	457	2371	0
CONTIG-009304	106	8	7	9	0
CONTIG-009305	406	10	10	167	0
CONTIG-009306	700	15	119	219	0
CONTIG-009307	86	6	8	7	0
CONTIG-009316	554	12	136	187	0
CONTIG-009323	1324	18	293	390	6
CONTIG-009324	58	15	6	14	0

CONTIG-009325	107	836	982	2715	279
CONTIG-009326	123	15	29	75	0
CONTIG-009327	756	21	154	416	2
CONTIG-009328	103	67	165	201	0
CONTIG-009329	325	7	9	67	0
CONTIG-009330	59	862	58	709	295
CONTIG-009331	231	48	173	402	0
CONTIG-009332	455	92	88	1016	112
CONTIG-009333	127	223	150	585	66
CONTIG-009334	713	47	709	1562	0
CONTIG-009336	1134	21	50	751	3
CONTIG-009337	369	14	67	92	0
CONTIG-009338	265	17	63	125	0
CONTIG-009339	62	4	2	6	0
CONTIG-009342	244	9	14	58	0
CONTIG-009343	650	77	45	2924	5
CONTIG-009344	765	14	234	258	0
CONTIG-009345	608	18	43	292	16
CONTIG-009346	196	8	14	58	0
CONTIG-009348	1149	42	494	1616	39
CONTIG-009349	98	21	43	61	0
CONTIG-009350	165	12	0	74	0
CONTIG-009351	484	13	83	131	6
CONTIG-009352	98	6	3	18	0
CONTIG-009353	440	10	11	83	0
CONTIG-009354	73	5	3	10	0
CONTIG-009355	520	61	441	1470	4
CONTIG-009356	262	158	349	1304	63
CONTIG-009358	233	8	44	38	0
CONTIG-009359	87	338	10	1435	8
CONTIG-009361	152	8	17	40	0
CONTIG-009362	140	11	6	6	0
CONTIG-009363	68	689	196	1322	146
CONTIG-009365	979	22	177	391	12
CONTIG-009366	562	54	325	687	25
CONTIG-009367	216	10	61	56	0
CONTIG-009368	210	542	415	3784	361
CONTIG-009369	158	5	18	7	0
CONTIG-009370	975	34	282	662	25
CONTIG-009373	356	22	25	9	0
CONTIG-009374	934	66	415	3190	8
CONTIG-009375	398	12	20	143	2
CONTIG-009376	144	54	117	253	0
CONTIG-009377	249	23	44	88	0
CONTIG-009378	132	29	36	166	0
CONTIG-009379	1632	71	464	6510	0
CONTIG-009380	2325	33	614	2689	161

CONTIG-009382	223	11	104	19	0
CONTIG-009383	230	42	151	212	0
CONTIG-009384	86	6	2	18	0
CONTIG-009385	687	10	31	317	0
CONTIG-009386	65	3	0	0	0
CONTIG-009387	128	16	54	34	0
CONTIG-009388	119	35	22	74	0
CONTIG-009389	821	22	166	595	2
CONTIG-009390	95	48	246	98	2
CONTIG-009391	292	44	107	553	0
CONTIG-009392	123	10	8	36	0
CONTIG-009393	230	8	4	46	0
CONTIG-009394	324	20	510	59	0
CONTIG-009395	256	11	7	110	0
CONTIG-009400	435	11	25	109	0
CONTIG-009401	37	756	155	484	10
CONTIG-009403	385	360	568	5347	118
CONTIG-009404	90	51	403	2	0
CONTIG-009405	142	6	2	20	0
CONTIG-009406	298	19	366	36	0
CONTIG-009407	847	16	544	301	0
CONTIG-009410	129	18	38	75	0
CONTIG-009411	154	169	619	302	4
CONTIG-009412	326	17	57	192	0
CONTIG-009419	188	25	154	67	4
CONTIG-009420	73	22	26	12	0
CONTIG-009421	921	51	608	1113	12
CONTIG-009422	431	11	28	93	0
CONTIG-009423	465	17	26	464	0
CONTIG-009424	88	10	8	12	0
CONTIG-009426	144	8	32	30	0
CONTIG-009427	692	21	164	612	0
CONTIG-009428	94	8	7	23	0
CONTIG-009430	159	600	318	2291	388
CONTIG-009431	62	3	11	0	0
CONTIG-009432	812	27	164	386	19
CONTIG-009433	260	51	232	81	2
CONTIG-009435	229	15	6	73	4
CONTIG-009436	345	21	104	204	0
CONTIG-009437	160	12	81	43	0
CONTIG-009438	362	132	220	2527	2
CONTIG-009439	611	42	750	516	2
CONTIG-009447	891	18	124	711	0
CONTIG-009448	205	8	10	38	0
CONTIG-009450	684	20	74	354	6
CONTIG-009451	158	20	92	69	0
CONTIG-009452	109	10	35	17	0

CONTIG-009458	300	13	38	169	0
CONTIG-009459	369	89	222	1885	0
CONTIG-009460	84	45	151	11	0
CONTIG-009461	512	21	267	178	6
CONTIG-009463	871	65	429	1403	59
CONTIG-009464	96	3	0	5	0
CONTIG-009465	1452	27	205	1068	47
CONTIG-009466	624	16	42	272	2
CONTIG-009467	123	9	4	36	0
CONTIG-009468	131	8	6	16	2
CONTIG-009469	645	21	618	347	0
CONTIG-009470	60	7	6	18	0
CONTIG-009471	635	48	261	1121	4
CONTIG-009472	106	520	347	2695	0
CONTIG-009473	211	5	3	27	0
CONTIG-009474	672	71	239	1836	240
CONTIG-009475	602	27	58	365	36
CONTIG-009476	79	5	18	6	0
CONTIG-009477	333	20	411	154	0
CONTIG-009478	87	9	8	2	0
CONTIG-009479	243	7	4	32	0
CONTIG-009480	408	24	296	175	0
CONTIG-009481	927	15	105	471	0
CONTIG-009482	292	7	15	56	0
CONTIG-009483	114	11	28	10	0
CONTIG-009490	244	11	64	51	0
CONTIG-009491	167	4	2	11	0
CONTIG-009492	66	6	2	2	0
CONTIG-009494	238	147	1473	790	18
CONTIG-009495	112	13	2	18	0
CONTIG-009504	518	70	600	1026	17
CONTIG-009505	228	16	267	41	0
CONTIG-009506	72	11	5	22	0
CONTIG-009507	367	24	177	193	4
CONTIG-009508	666	24	97	419	2
CONTIG-009509	749	41	148	1473	10
CONTIG-009510	731	16	40	396	7
CONTIG-009511	238	24	80	151	12
CONTIG-009512	83	7	4	18	0
CONTIG-009513	1138	42	280	2352	0
CONTIG-009514	1456	19	105	1458	2
CONTIG-009515	92	21	16	60	0
CONTIG-009516	300	14	77	161	0
CONTIG-009517	191	13	32	65	2
CONTIG-009518	1091	28	100	856	65
CONTIG-009519	536	23	153	452	16
CONTIG-009520	83	5	13	5	0

CONTIG-009521	146	13	47	31	0
CONTIG-009522	1584	119	1955	10342	158
CONTIG-009523	130	6	11	7	0
CONTIG-009524	177	12	2	42	0
CONTIG-009525	455	18	94	244	0
CONTIG-009526	277	55	128	311	17
CONTIG-009527	181	15	64	68	0
CONTIG-009528	225	5	10	6	2
CONTIG-009529	1220	62	260	4456	2
CONTIG-009530	798	24	401	328	0
CONTIG-009531	520	32	247	663	0
CONTIG-009532	349	22	322	145	2
CONTIG-009533	305	22	79	90	8
CONTIG-009534	351	15	126	142	0
CONTIG-009535	2080	39	536	3925	2
CONTIG-009536	353	25	84	36	0
CONTIG-009538	222	243	165	1864	179
CONTIG-009539	169	7	6	18	0
CONTIG-009540	120	239	84	1332	0
CONTIG-009541	178	138	371	761	53
CONTIG-009542	112	6	10	2	0
CONTIG-009543	139	19	10	64	0
CONTIG-009544	350	87	371	553	88
CONTIG-009545	211	8	9	0	0
CONTIG-009546	122	12	10	54	0
CONTIG-009547	142	7	15	17	0
CONTIG-009548	507	11	58	216	0
CONTIG-009549	133	17	13	52	0
CONTIG-009556	549	14	15	167	4
CONTIG-009561	241	22	48	224	0
CONTIG-009563	208	14	45	83	2
CONTIG-009564	61	13	5	34	0
CONTIG-009565	1069	40	644	1407	29
CONTIG-009566	262	43	132	481	2
CONTIG-009568	484	10	76	128	0
CONTIG-009569	182	11	23	49	2
CONTIG-009574	307	17	40	170	8
CONTIG-009575	107	5	3	13	0
CONTIG-009576	789	18	282	325	0
CONTIG-009577	86	8	15	2	0
CONTIG-009578	84	5	0	2	0
CONTIG-009579	523	8	40	69	0
CONTIG-009580	370	116	252	530	46
CONTIG-009581	78	14	44	3	0
CONTIG-009582	307	26	164	190	0
CONTIG-009591	270	56	245	35	0
CONTIG-009592	329	10	10	106	4

CONTIG-009593	830	18	115	460	0
CONTIG-009597	105	6	4	15	0
CONTIG-009598	281	8	21	31	0
CONTIG-009599	169	5	10	25	0
CONTIG-009600	220	9	43	28	0
CONTIG-009601	738	35	275	600	101
CONTIG-009602	547	11	60	168	4
CONTIG-009603	314	32	109	406	4
CONTIG-009604	688	15	233	300	0
CONTIG-009605	126	279	792	596	85
CONTIG-009606	188	7	14	30	2
CONTIG-009607	770	13	73	265	7
CONTIG-009608	624	28	677	292	2
CONTIG-009615	116	8	46	21	0
CONTIG-009616	341	17	69	122	0
CONTIG-009617	101	7	15	17	0
CONTIG-009618	1093	15	84	353	9
CONTIG-009619	373	18	41	188	2
CONTIG-009620	182	10	37	39	0
CONTIG-009621	392	33	155	281	0
CONTIG-009622	837	16	57	339	0
CONTIG-009623	435	68	613	355	18
CONTIG-009624	65	44	28	134	0
CONTIG-009632	688	12	10	380	0
CONTIG-009633	113	8	48	13	0
CONTIG-009640	345	40	113	249	21
CONTIG-009641	484	76	84	2142	2
CONTIG-009642	65	19	79	23	0
CONTIG-009651	248	14	75	89	0
CONTIG-009653	332	12	30	151	0
CONTIG-009654	246	9	21	53	0
CONTIG-009655	160	8	4	37	0
CONTIG-009656	144	7	7	16	0
CONTIG-009657	544	65	256	2113	0
CONTIG-009658	38	404	570	13	0
CONTIG-009660	989	18	471	468	2
CONTIG-009661	125	36	21	211	0
CONTIG-009662	133	23	55	106	2
CONTIG-009663	183	241	59	2287	14
CONTIG-009664	115	393	68	1798	12
CONTIG-009666	703	13	120	251	0
CONTIG-009667	255	13	17	53	0
CONTIG-009669	242	7	26	26	0
CONTIG-009670	136	9	28	2	0
CONTIG-009672	91	153	19	0	0
CONTIG-009673	425	54	120	1108	0
CONTIG-009674	475	25	47	264	14

CONTIG-009675	789	41	198	1761	3
CONTIG-009676	340	12	67	90	0
CONTIG-009677	128	13	10	27	0
CONTIG-009678	247	28	609	0	0
CONTIG-009687	229	11	5	28	0
CONTIG-009688	404	18	17	398	0
CONTIG-009689	322	10	36	131	0
CONTIG-009690	893	29	252	604	10
CONTIG-009691	1935	79	301	3807	899
CONTIG-009692	100	5	14	20	0
CONTIG-009693	320	281	217	5376	2
CONTIG-009694	376	38	71	287	18
CONTIG-009695	718	27	69	533	2
CONTIG-009696	965	46	243	1715	33
CONTIG-009703	92	10	61	3	0
CONTIG-009704	364	444	329	8126	12
CONTIG-009705	365	10	12	175	0
CONTIG-009706	45	537	138	684	17
CONTIG-009707	455	10	44	116	0
CONTIG-009708	407	27	51	223	0
CONTIG-009709	400	28	151	214	5
CONTIG-009710	184	4	8	7	0
CONTIG-009711	293	8	42	42	0
CONTIG-009712	1222	31	192	1991	0
CONTIG-009713	140	5	18	15	0
CONTIG-009715	42	385	61	234	36
CONTIG-009716	74	8	26	5	0
CONTIG-009723	169	7	13	30	2
CONTIG-009724	115	11	2	59	0
CONTIG-009726	92	3	0	13	0
CONTIG-009727	740	38	386	1058	8
CONTIG-009728	370	24	121	285	0
CONTIG-009731	2515	52	735	5542	107
CONTIG-009734	210	23	64	156	4
CONTIG-009735	88	44	210	0	0
CONTIG-009736	536	14	70	247	2
CONTIG-009737	250	7	6	46	0
CONTIG-009738	201	57	81	443	0
CONTIG-009739	191	5	23	7	0
CONTIG-009740	103	27	51	85	0
CONTIG-009741	59	100	18	70	6
CONTIG-009742	296	44	496	153	2
CONTIG-009743	86	4	8	5	0
CONTIG-009744	1190	16	152	630	10
CONTIG-009745	61	15	9	18	0
CONTIG-009747	229	28	121	166	2
CONTIG-009748	180	11	17	71	2

CONTIG-009749	479	14	50	276	0
CONTIG-009750	502	14	22	278	0
CONTIG-009751	267	205	606	1531	203
CONTIG-009752	392	17	51	142	12
CONTIG-009753	133	5	9	19	0
CONTIG-009754	342	11	17	182	0
CONTIG-009755	391	17	5	0	51
CONTIG-009756	617	16	46	364	4
CONTIG-009757	99	487	252	1673	2
CONTIG-009758	195	8	43	32	0
CONTIG-009759	107	7	5	31	0
CONTIG-009760	59	190	463	342	0
CONTIG-009761	1548	29	202	1859	27
CONTIG-009762	603	44	299	1019	9
CONTIG-009765	884	23	651	463	10
CONTIG-009766	73	5	9	4	0
CONTIG-009767	80	4	2	7	0
CONTIG-009768	246	12	11	96	2
CONTIG-009769	289	13	44	123	0
CONTIG-009770	489	28	13	155	82
CONTIG-009771	340	13	40	154	4
CONTIG-009772	446	16	169	157	4
CONTIG-009773	977	17	35	196	2
CONTIG-009774	148	52	147	184	0
CONTIG-009776	503	33	176	743	0
CONTIG-009778	1032	28	163	836	30
CONTIG-009779	520	12	51	161	2
CONTIG-009780	197	20	23	119	0
CONTIG-009781	514	25	101	381	17
CONTIG-009782	40	64	25	60	2
CONTIG-009783	79	58	106	37	0
CONTIG-009784	76	4	4	4	0
CONTIG-009785	667	32	165	587	30
CONTIG-009786	143	16	27	88	0
CONTIG-009787	537	27	311	383	2
CONTIG-009788	590	12	17	117	4
CONTIG-009789	320	14	34	168	3
CONTIG-009790	997	45	816	717	90
CONTIG-009791	241	11	48	16	2
CONTIG-009792	358	9	10	83	0
CONTIG-009793	714	55	355	633	24
CONTIG-009794	64	15	60	0	0
CONTIG-009795	283	67	80	89	0
CONTIG-009796	266	227	164	1425	229
CONTIG-009797	156	34	87	19	0
CONTIG-009798	283	11	22	72	2
CONTIG-009799	428	8	24	92	0

CONTIG-009800	204	17	48	135	0
CONTIG-009801	476	16	128	99	2
CONTIG-009802	81	42	63	54	3
CONTIG-009803	106	3	3	9	0
CONTIG-009804	368	85	154	1787	4
CONTIG-009805	309	14	40	93	0
CONTIG-009806	1333	25	379	1241	21
CONTIG-009807	79	191	54	536	2
CONTIG-009808	61	5	16	4	0
CONTIG-009809	514	25	172	129	10
CONTIG-009815	111	5	5	20	0
CONTIG-009817	559	20	206	384	0
CONTIG-009818	199	13	97	55	0
CONTIG-009819	195	18	43	51	4
CONTIG-009820	845	42	119	430	12
CONTIG-009821	288	17	100	112	0
CONTIG-009822	586	18	217	237	0
CONTIG-009823	64	21	58	14	0
CONTIG-009824	776	63	297	2225	8
CONTIG-009825	760	26	201	663	10
CONTIG-009826	82	5	16	6	0
CONTIG-009827	237	32	32	177	0
CONTIG-009829	1211	25	293	567	59
CONTIG-009832	130	4	2	2	2
CONTIG-009833	175	5	11	24	0
CONTIG-009839	96	5	0	9	0
CONTIG-009840	192	7	12	4	0
CONTIG-009841	126	10	12	19	2
CONTIG-009842	108	155	411	187	8
CONTIG-009843	505	23	148	289	8
CONTIG-009844	103	8	7	24	0
CONTIG-009845	113	282	513	638	61
CONTIG-009846	266	12	32	83	2
CONTIG-009847	569	15	139	333	0
CONTIG-009848	299	34	337	378	0
CONTIG-009850	224	9	50	67	0
CONTIG-009851	334	15	185	116	0
CONTIG-009852	103	9	12	24	0
CONTIG-009853	140	16	58	30	0
CONTIG-009854	98	168	296	570	2
CONTIG-009855	127	163	518	275	9
CONTIG-009856	307	15	47	168	4
CONTIG-009857	47	269	14	375	0
CONTIG-009860	104	7	15	8	2
CONTIG-009861	678	18	41	197	14
CONTIG-009862	64	80	98	10	3
CONTIG-009863	597	145	137	2484	647

CONTIG-009864	448	20	30	214	8
CONTIG-009865	357	16	97	144	0
CONTIG-009866	651	10	74	112	0
CONTIG-009867	197	13	135	18	0
CONTIG-009868	222	7	3	42	0
CONTIG-009869	237	20	183	85	3
CONTIG-009870	223	17	124	91	0
CONTIG-009871	64	7	8	20	0
CONTIG-009876	214	10	0	95	0
CONTIG-009877	71	542	323	624	27
CONTIG-009878	65	5	5	9	0
CONTIG-009879	61	69	52	112	0
CONTIG-009886	73	12	37	0	0
CONTIG-009887	782	17	279	350	0
CONTIG-009888	271	6	2	59	0
CONTIG-009889	96	3	0	9	0
CONTIG-009890	59	19	27	45	2
CONTIG-009891	305	22	94	206	8
CONTIG-009892	195	14	151	49	0
CONTIG-009893	67	3	2	0	0
CONTIG-009894	1339	22	308	785	40
CONTIG-009895	104	10	12	19	0
CONTIG-009896	271	16	9	127	2
CONTIG-009897	598	15	40	301	0
CONTIG-009900	655	43	538	989	7
CONTIG-009901	261	14	129	91	0
CONTIG-009902	1419	46	544	3876	0
CONTIG-009903	1200	42	903	1391	27
CONTIG-009904	69	130	60	229	4
CONTIG-009905	328	7	2	87	0
CONTIG-009909	123	99	24	64	0
CONTIG-009910	384	34	592	467	0
CONTIG-009911	100	12	16	30	0
CONTIG-009912	713	18	197	316	2
CONTIG-009913	214	10	26	75	0
CONTIG-009914	114	59	12	310	3
CONTIG-009915	105	114	251	349	2
CONTIG-009916	488	12	86	145	0
CONTIG-009917	1061	57	91	633	211
CONTIG-009918	258	19	87	106	2
CONTIG-009919	386	31	153	489	2
CONTIG-009920	647	110	579	3907	0
CONTIG-009921	381	95	976	1085	9
CONTIG-009922	268	12	57	33	0
CONTIG-009923	2045	28	503	2400	2
CONTIG-009924	126	63	245	190	0
CONTIG-009925	147	14	38	62	0

CONTIG-009926	439	16	112	158	4
CONTIG-009927	125	3	4	6	0
CONTIG-009928	564	16	239	173	21
CONTIG-009929	206	13	4	0	0
CONTIG-009930	260	24	93	151	4
CONTIG-009931	621	89	1223	1767	0
CONTIG-009933	412	50	122	1016	0
CONTIG-009934	127	93	59	489	4
CONTIG-009935	317	8	22	92	2
CONTIG-009936	285	47	163	263	4
CONTIG-009937	246	13	126	75	0
CONTIG-009938	1059	62	601	1256	165
CONTIG-009939	284	8	12	78	0
CONTIG-009940	58	3	6	0	0
CONTIG-009941	263	5	7	25	2
CONTIG-009942	72	638	289	1241	52
CONTIG-009943	283	50	304	367	2
CONTIG-009944	114	14	119	0	0
CONTIG-009945	52	792	264	921	85
CONTIG-009946	480	20	32	307	0
CONTIG-009952	380	25	26	367	2
CONTIG-009953	445	22	4	342	2
CONTIG-009954	287	17	73	163	0
CONTIG-009955	220	18	130	64	0
CONTIG-009956	185	20	24	139	0
CONTIG-009957	145	11	37	50	0
CONTIG-009958	187	7	7	30	2
CONTIG-009965	423	25	374	263	0
CONTIG-009966	206	5	24	25	0
CONTIG-009967	496	69	953	973	13
CONTIG-009969	1132	14	60	451	9
CONTIG-009970	374	13	280	112	0
CONTIG-009971	160	16	16	128	0
CONTIG-009972	45	524	52	368	39
CONTIG-009973	202	31	50	250	0
CONTIG-009974	106	17	8	66	0
CONTIG-009976	371	136	480	1474	65
CONTIG-009977	90	17	83	22	0
CONTIG-009978	127	18	53	5	0
CONTIG-009981	885	19	296	402	32
CONTIG-009982	386	14	73	105	0
CONTIG-009983	289	249	726	1686	281
CONTIG-009984	121	11	16	10	0
CONTIG-009985	569	22	33	211	0
CONTIG-009986	69	3	7	2	0
CONTIG-009987	133	69	516	60	0
CONTIG-009988	192	31	163	70	8

CONTIG-009989	241	11	45	72	0
CONTIG-009990	141	7	18	32	0
CONTIG-009991	198	31	158	84	0
CONTIG-009992	310	9	77	63	0
CONTIG-009993	565	9	17	168	0
CONTIG-009994	761	18	60	352	4
CONTIG-009995	313	10	22	89	2
CONTIG-009996	360	15	37	248	0
CONTIG-009997	70	897	200	1696	183
CONTIG-009998	167	11	7	60	0
CONTIG-009999	1571	27	268	1427	8
CONTIG-010000	1168	83	242	5293	6
CONTIG-010001	77	18	112	3	0
CONTIG-010003	123	9	21	11	0
CONTIG-010005	432	21	103	290	2
CONTIG-010008	667	18	54	632	0
CONTIG-010009	416	11	58	87	0
CONTIG-010010	226	20	246	67	0
CONTIG-010011	61	595	294	917	90
CONTIG-010012	80	140	213	122	20
CONTIG-010013	138	15	153	24	0
CONTIG-010014	147	6	23	5	0
CONTIG-010015	176	40	204	137	0
CONTIG-010016	391	9	60	28	21
CONTIG-010017	107	10	44	0	0
CONTIG-010018	81	66	79	92	12
CONTIG-010019	84	33	113	22	0
CONTIG-010020	393	11	87	98	0
CONTIG-010021	798	31	217	1285	0
CONTIG-010022	51	82	283	40	0
CONTIG-010023	331	29	159	338	2
CONTIG-010024	98	48	499	0	0
CONTIG-010031	541	95	54	17	712
CONTIG-010032	437	12	83	151	0
CONTIG-010033	790	60	149	1117	16
CONTIG-010034	875	46	285	1159	8
CONTIG-010036	344	14	52	114	0
CONTIG-010039	136	9	42	26	0
CONTIG-010040	116	6	4	17	0
CONTIG-010041	329	33	292	271	0
CONTIG-010042	194	21	21	165	0
CONTIG-010043	428	25	63	357	4
CONTIG-010044	85	8	12	25	0
CONTIG-010045	348	25	172	321	0
CONTIG-010046	125	5	8	9	0
CONTIG-010047	249	69	132	661	8
CONTIG-010056	378	26	410	164	2

CONTIG-010057	323	21	173	279	0
CONTIG-010058	289	9	43	95	0
CONTIG-010059	388	16	37	204	6
CONTIG-010060	233	12	25	88	0
CONTIG-010061	395	81	379	1817	0
CONTIG-010062	1222	25	76	1669	2
CONTIG-010063	181	17	71	96	3
CONTIG-010064	95	5	6	20	0
CONTIG-010065	68	5	25	0	0
CONTIG-010067	826	33	284	1332	0
CONTIG-010068	213	6	19	21	0
CONTIG-010071	896	32	98	1211	0
CONTIG-010072	155	6	3	29	0
CONTIG-010073	473	15	23	233	2
CONTIG-010075	429	10	63	188	0
CONTIG-010076	1126	26	597	566	35
CONTIG-010077	633	21	23	283	4
CONTIG-010078	1158	12	112	454	4
CONTIG-010081	110	21	68	2	0
CONTIG-010082	879	15	71	419	3
CONTIG-010083	440	20	62	195	0
CONTIG-010084	251	76	198	235	42
CONTIG-010085	94	6	2	17	0
CONTIG-010086	117	7	0	15	0
CONTIG-010087	99	7	2	16	0
CONTIG-010088	113	8	42	0	2
CONTIG-010089	201	28	197	207	0
CONTIG-010090	871	16	39	542	2
CONTIG-010094	175	6	0	30	0
CONTIG-010097	360	29	379	234	0
CONTIG-010098	304	60	400	235	13
CONTIG-010101	213	30	3	331	0
CONTIG-010102	157	17	0	134	0
CONTIG-010103	483	39	168	748	0
CONTIG-010104	398	29	105	305	13
CONTIG-010105	241	16	19	120	0
CONTIG-010106	64	7	0	10	0
CONTIG-010108	226	29	172	115	8
CONTIG-010109	776	11	53	246	2
CONTIG-010110	137	6	12	22	0
CONTIG-010111	59	5	0	0	0
CONTIG-010112	70	10	24	0	0
CONTIG-010113	92	5	4	7	0
CONTIG-010114	1130	37	644	1503	10
CONTIG-010115	1960	27	194	815	23
CONTIG-010116	193	22	30	162	3
CONTIG-010117	125	126	600	404	0

CONTIG-010118	306	12	144	103	0
CONTIG-010119	62	14	31	24	0
CONTIG-010120	68	322	272	218	60
CONTIG-010121	53	466	167	364	42
CONTIG-010122	93	7	2	17	2
CONTIG-010123	497	77	420	1296	38
CONTIG-010124	1190	20	60	1154	2
CONTIG-010125	61	5	2	11	0
CONTIG-010126	68	8	5	22	0
CONTIG-010127	144	9	14	19	0
CONTIG-010128	282	31	190	212	5
CONTIG-010129	131	11	18	41	0
CONTIG-010130	91	6	7	12	0
CONTIG-010131	347	18	118	242	0
CONTIG-010132	225	20	71	8	0
CONTIG-010133	1505	28	474	1943	4
CONTIG-010134	316	13	35	125	4
CONTIG-010135	207	7	2	47	0
CONTIG-010136	82	208	109	448	39
CONTIG-010137	158	9	58	6	0
CONTIG-010138	238	17	24	100	3
CONTIG-010139	150	6	0	31	0
CONTIG-010141	90	18	73	6	0
CONTIG-010142	483	38	193	460	22
CONTIG-010143	252	11	56	30	4
CONTIG-010144	191	17	75	81	0
CONTIG-010145	143	74	158	345	4
CONTIG-010146	508	13	25	139	0
CONTIG-010147	212	4	0	23	0
CONTIG-010148	64	120	12	237	0
CONTIG-010150	579	13	86	170	3
CONTIG-010151	460	38	138	753	8
CONTIG-010152	125	12	6	44	0
CONTIG-010153	62	25	46	28	0
CONTIG-010154	370	6	10	61	0
CONTIG-010155	338	13	13	141	0
CONTIG-010156	59	292	115	202	28
CONTIG-010157	47	39	14	12	0
CONTIG-010158	292	5	13	36	0
CONTIG-010159	176	8	11	37	0
CONTIG-010162	83	5	9	0	2
CONTIG-010163	432	14	6	124	0
CONTIG-010164	148	11	14	74	0
CONTIG-010166	874	67	384	1560	85
CONTIG-010172	216	8	10	59	0
CONTIG-010175	543	32	256	516	5
CONTIG-010176	77	50	54	138	0

CONTIG-010177	59	36	120	0	0
CONTIG-010178	67	7	0	13	0
CONTIG-010179	190	7	2	39	0
CONTIG-010180	258	40	284	346	0
CONTIG-010181	357	114	18	2345	0
CONTIG-010182	450	17	68	225	0
CONTIG-010185	39	163	88	198	2
CONTIG-010186	1064	24	192	1258	0
CONTIG-010187	179	12	21	49	0
CONTIG-010188	1822	36	330	1747	43
CONTIG-010189	383	10	22	95	0
CONTIG-010190	89	7	7	12	0
CONTIG-010191	274	743	376	7403	580
CONTIG-010192	206	11	29	74	0
CONTIG-010193	366	40	333	561	6
CONTIG-010194	44	262	238	130	21
CONTIG-010197	217	11	66	52	0
CONTIG-010198	224	8	45	38	0
CONTIG-010199	160	28	235	113	0
CONTIG-010200	86	10	74	0	0
CONTIG-010201	1759	21	359	1365	4
CONTIG-010205	103	46	267	31	0
CONTIG-010206	157	12	80	49	0
CONTIG-010207	660	35	537	952	0
CONTIG-010208	54	9	4	5	0
CONTIG-010209	330	44	59	865	0
CONTIG-010210	129	18	24	66	0
CONTIG-010211	76	5	2	16	0
CONTIG-010212	84	250	139	801	2
CONTIG-010213	798	10	79	269	0
CONTIG-010214	71	28	107	0	0
CONTIG-010215	399	11	25	172	0
CONTIG-010216	160	8	12	26	2
CONTIG-010217	334	10	3	0	2
CONTIG-010220	404	13	73	188	4
CONTIG-010221	177	17	3	183	0
CONTIG-010222	416	18	23	189	6
CONTIG-010223	73	4	27	0	0
CONTIG-010224	175	10	19	67	0
CONTIG-010225	389	17	179	183	0
CONTIG-010226	945	27	216	786	21
CONTIG-010227	82	5	0	10	0
CONTIG-010228	378	29	164	462	0
CONTIG-010229	435	7	35	74	0
CONTIG-010230	173	16	141	58	0
CONTIG-010231	65	4	2	0	0
CONTIG-010232	95	17	62	28	0

CONTIG-010233	503	27	787	268	0
CONTIG-010234	147	6	3	25	0
CONTIG-010235	696	13	38	343	2
CONTIG-010236	279	9	5	71	2
CONTIG-010237	72	5	4	7	0
CONTIG-010238	70	7	11	0	0
CONTIG-010239	624	20	69	484	0
CONTIG-010240	133	5	8	8	0
CONTIG-010241	343	10	2	6	20
CONTIG-010242	481	11	77	57	0
CONTIG-010243	1025	27	234	685	16
CONTIG-010244	72	8	0	10	0
CONTIG-010245	505	19	71	297	0
CONTIG-010247	603	11	11	108	0
CONTIG-010248	128	8	8	36	0
CONTIG-010249	95	7	4	16	0
CONTIG-010250	59	99	409	66	0
CONTIG-010251	148	395	198	2209	98
CONTIG-010252	187	7	2	42	0
CONTIG-010253	461	19	365	64	0
CONTIG-010254	164	451	1359	1507	107
CONTIG-010262	399	17	99	186	0
CONTIG-010263	88	6	6	20	0
CONTIG-010264	635	12	53	175	6
CONTIG-010265	394	10	14	115	0
CONTIG-010266	476	15	196	230	0
CONTIG-010267	103	124	227	107	9
CONTIG-010268	178	189	209	1496	58
CONTIG-010275	252	20	35	220	0
CONTIG-010276	597	35	164	572	8
CONTIG-010277	78	12	90	0	0
CONTIG-010278	337	11	49	100	0
CONTIG-010279	261	12	85	56	0
CONTIG-010280	246	113	263	737	26
CONTIG-010281	106	10	76	0	0
CONTIG-010282	411	35	98	857	0
CONTIG-010283	117	7	4	19	0
CONTIG-010284	407	14	118	163	0
CONTIG-010285	698	14	38	150	29
CONTIG-010286	62	103	79	249	0
CONTIG-010287	123	341	76	2463	2
CONTIG-010288	106	12	41	0	2
CONTIG-010289	644	54	482	1945	2
CONTIG-010290	202	11	44	52	0
CONTIG-010293	544	28	104	376	9
CONTIG-010294	73	767	7	91	0
CONTIG-010295	379	8	26	90	0

CONTIG-010296	111	10	5	44	0
CONTIG-010297	307	18	80	161	4
CONTIG-010298	1072	34	458	1257	0
CONTIG-010299	762	14	223	314	3
CONTIG-010301	708	75	180	938	307
CONTIG-010302	365	24	42	289	4
CONTIG-010303	595	13	60	190	0
CONTIG-010304	405	11	39	98	0
CONTIG-010305	69	7	0	15	0
CONTIG-010306	514	89	339	2345	2
CONTIG-010307	452	29	188	392	2
CONTIG-010308	129	23	67	83	0
CONTIG-010309	359	13	64	127	2
CONTIG-010310	653	15	56	311	3
CONTIG-010311	157	209	369	736	38
CONTIG-010312	203	6	48	26	0
CONTIG-010313	188	21	27	172	0
CONTIG-010314	83	391	193	381	143
CONTIG-010315	178	7	14	16	0
CONTIG-010316	223	10	4	52	0
CONTIG-010319	306	49	192	165	2
CONTIG-010320	68	70	18	0	4
CONTIG-010321	200	17	40	149	0
CONTIG-010322	185	10	61	44	0
CONTIG-010323	130	10	35	32	0
CONTIG-010324	113	21	54	24	0
CONTIG-010327	1451	97	309	5946	182
CONTIG-010329	81	11	4	18	0
CONTIG-010330	229	16	52	123	0
CONTIG-010331	215	5	0	28	3
CONTIG-010332	122	21	54	39	4
CONTIG-010333	42	1400	9	0	1025
CONTIG-010334	156	19	50	34	0
CONTIG-010335	252	41	29	6	111
CONTIG-010336	1506	28	519	1019	115
CONTIG-010337	527	13	41	212	10
CONTIG-010338	480	25	230	404	4
CONTIG-010339	99	4	7	8	0
CONTIG-010340	748	16	141	262	8
CONTIG-010343	227	27	69	154	0
CONTIG-010344	445	11	61	80	5
CONTIG-010345	156	26	12	195	0
CONTIG-010346	84	100	22	93	13
CONTIG-010347	69	389	38	1516	0
CONTIG-010348	197	27	32	136	6
CONTIG-010349	61	733	391	949	123
CONTIG-010350	966	19	365	710	2

CONTIG-010351	886	33	480	1102	8
CONTIG-010352	183	7	11	31	0
CONTIG-010353	99	210	377	313	53
CONTIG-010354	742	74	446	1221	29
CONTIG-010357	365	43	184	253	18
CONTIG-010358	166	8	7	4	0
CONTIG-010359	66	12	36	9	0
CONTIG-010360	336	34	292	232	0
CONTIG-010361	469	19	46	309	2
CONTIG-010362	72	4	9	2	0
CONTIG-010363	434	17	75	293	0
CONTIG-010364	256	30	135	92	2
CONTIG-010365	54	27	52	24	0
CONTIG-010366	705	28	543	554	2
CONTIG-010367	755	21	174	372	10
CONTIG-010368	203	8	15	59	0
CONTIG-010369	513	40	281	643	0
CONTIG-010370	655	41	325	754	19
CONTIG-010371	613	22	87	576	0
CONTIG-010372	70	12	10	26	0
CONTIG-010373	75	77	50	115	0
CONTIG-010374	568	15	84	164	0
CONTIG-010375	61	14	33	2	0
CONTIG-010376	301	32	258	329	0
CONTIG-010377	139	435	388	564	13
CONTIG-010378	86	16	29	6	0
CONTIG-010379	626	14	163	175	2
CONTIG-010380	879	111	1090	4778	0
CONTIG-010382	62	109	24	2	49
CONTIG-010383	246	24	35	94	4
CONTIG-010387	438	31	174	331	0
CONTIG-010388	1118	39	547	973	82
CONTIG-010389	111	4	7	4	0
CONTIG-010390	484	30	112	687	0
CONTIG-010394	138	5	7	22	0
CONTIG-010395	501	54	776	594	14
CONTIG-010396	548	28	116	281	19
CONTIG-010397	1005	23	394	855	4
CONTIG-010398	130	6	17	26	0
CONTIG-010400	209	8	0	44	0
CONTIG-010401	179	18	125	65	0
CONTIG-010402	261	25	114	332	0
CONTIG-010403	600	53	189	895	6
CONTIG-010404	733	47	403	538	15
CONTIG-010406	842	41	6	3	318
CONTIG-010407	910	11	54	240	0
CONTIG-010410	531	23	281	269	8

CONTIG-010411	304	86	243	476	60
CONTIG-010415	371	29	84	243	2
CONTIG-010416	40	303	251	84	0
CONTIG-010417	77	6	13	5	0
CONTIG-010418	537	21	185	293	7
CONTIG-010419	472	16	173	271	0
CONTIG-010420	358	11	5	0	50
CONTIG-010421	314	16	72	169	0
CONTIG-010422	62	172	62	388	31
CONTIG-010423	127	271	40	634	0
CONTIG-010430	110	8	6	37	0
CONTIG-010431	190	53	202	289	0
CONTIG-010432	156	8	9	41	0
CONTIG-010433	199	16	73	76	0
CONTIG-010434	88	195	188	340	36
CONTIG-010435	60	6	4	8	0
CONTIG-010436	418	30	150	553	0
CONTIG-010437	429	17	80	159	8
CONTIG-010438	486	20	72	349	5
CONTIG-010439	116	7	0	2	0
CONTIG-010440	48	618	298	654	42
CONTIG-010441	120	42	233	81	0
CONTIG-010442	418	15	32	232	5
CONTIG-010443	79	352	250	617	79
CONTIG-010444	110	8	11	21	0
CONTIG-010445	144	6	35	11	0
CONTIG-010446	239	27	106	137	3
CONTIG-010448	262	68	135	448	21
CONTIG-010449	1027	49	10	281	0
CONTIG-010450	61	9	5	7	0
CONTIG-010451	442	69	288	567	39
CONTIG-010452	595	55	235	943	68
CONTIG-010454	86	4	4	7	0
CONTIG-010455	69	11	18	10	0
CONTIG-010456	393	10	0	168	0
CONTIG-010457	100	6	10	20	0
CONTIG-010461	579	19	32	175	4
CONTIG-010462	130	20	19	86	0
CONTIG-010463	213	11	29	106	0
CONTIG-010464	459	110	307	733	28
CONTIG-010465	1057	26	560	928	3
CONTIG-010466	1536	30	219	1622	40
CONTIG-010467	267	20	34	134	0
CONTIG-010468	159	281	265	1345	118
CONTIG-010469	79	8	4	20	0
CONTIG-010470	361	20	28	218	0
CONTIG-010471	135	14	145	21	0

CONTIG-010472	393	12	37	154	2
CONTIG-010473	49	392	226	348	0
CONTIG-010474	380	148	352	3053	30
CONTIG-010475	653	21	101	227	20
CONTIG-010476	115	6	12	4	0
CONTIG-010477	261	7	38	39	0
CONTIG-010478	690	31	58	391	0
CONTIG-010479	425	45	630	325	8
CONTIG-010480	61	778	551	866	76
CONTIG-010481	657	26	219	696	2
CONTIG-010482	533	10	105	147	0
CONTIG-010483	514	151	235	4462	53
CONTIG-010484	94	5	9	13	0
CONTIG-010485	80	8	53	0	0
CONTIG-010486	796	195	920	2723	0
CONTIG-010487	123	8	2	22	2
CONTIG-010488	76	18	81	2	5
CONTIG-010489	419	10	7	166	0
CONTIG-010490	215	12	30	101	0
CONTIG-010491	157	32	101	156	2
CONTIG-010493	737	25	109	757	2
CONTIG-010494	374	34	195	211	0
CONTIG-010495	476	20	188	205	4
CONTIG-010496	115	49	28	114	2
CONTIG-010498	92	13	71	4	0
CONTIG-010499	479	7	14	27	0
CONTIG-010500	340	17	9	170	4
CONTIG-010502	142	33	40	121	2
CONTIG-010503	290	11	2	2	0
CONTIG-010504	280	8	9	58	0
CONTIG-010505	200	71	192	288	6
CONTIG-010506	205	70	138	535	2
CONTIG-010507	162	13	64	56	0
CONTIG-010508	144	13	8	65	0
CONTIG-010509	807	21	179	588	0
CONTIG-010510	328	17	21	170	6
CONTIG-010511	769	28	282	834	6
CONTIG-010512	685	38	94	897	5
CONTIG-010513	71	6	12	8	0
CONTIG-010514	960	49	586	1249	12
CONTIG-010515	427	37	118	478	6
CONTIG-010516	90	6	5	18	0
CONTIG-010517	67	4	2	6	0
CONTIG-010518	63	384	356	721	2
CONTIG-010519	140	13	40	39	0
CONTIG-010522	699	25	232	486	2
CONTIG-010523	219	23	68	126	0

CONTIG-010524	122	6	2	21	0
CONTIG-010525	446	18	57	337	0
CONTIG-010527	113	8	28	13	0
CONTIG-010528	208	10	71	7	0
CONTIG-010529	106	37	67	51	6
CONTIG-010530	490	15	59	87	2
CONTIG-010531	608	20	113	192	4
CONTIG-010532	83	2	4	2	0
CONTIG-010533	732	32	182	709	14
CONTIG-010534	138	7	2	10	0
CONTIG-010535	306	12	56	116	0
CONTIG-010536	61	9	21	0	0
CONTIG-010537	80	8	31	2	0
CONTIG-010538	240	19	121	121	2
CONTIG-010539	111	87	35	509	7
CONTIG-010540	193	12	72	62	0
CONTIG-010541	575	24	737	309	2
CONTIG-010542	135	10	7	38	0
CONTIG-010543	146	7	7	17	0
CONTIG-010544	228	39	572	146	0
CONTIG-010545	129	420	202	2608	2
CONTIG-010546	190	35	128	258	0
CONTIG-010547	368	14	77	205	7
CONTIG-010548	253	11	11	121	2
CONTIG-010549	653	22	111	680	0
CONTIG-010550	664	23	225	544	4
CONTIG-010551	201	6	8	37	0
CONTIG-010552	200	13	19	80	2
CONTIG-010553	506	9	27	155	0
CONTIG-010554	68	6	3	5	0
CONTIG-010556	344	18	290	139	0
CONTIG-010557	156	315	137	935	23
CONTIG-010558	113	8	45	5	0
CONTIG-010560	69	8	3	13	0
CONTIG-010561	289	43	153	349	2
CONTIG-010562	84	79	41	394	0
CONTIG-010563	138	8	6	26	0
CONTIG-010564	151	13	18	22	2
CONTIG-010565	202	8	23	41	0
CONTIG-010566	137	10	42	6	2
CONTIG-010567	775	139	1009	5569	23
CONTIG-010568	92	16	31	30	0
CONTIG-010569	248	13	236	28	0
CONTIG-010570	637	29	203	280	8
CONTIG-010571	80	12	45	3	0
CONTIG-010572	111	18	63	64	0
CONTIG-010573	1623	125	319	4667	37

CONTIG-010574	306	23	71	267	0
CONTIG-010575	543	25	141	483	0
CONTIG-010576	60	619	353	827	75
CONTIG-010577	276	50	169	524	11
CONTIG-010578	1344	27	257	1812	2
CONTIG-010579	1272	18	308	416	0
CONTIG-010580	498	15	154	81	2
CONTIG-010581	659	79	289	1761	109
CONTIG-010582	68	10	28	10	0
CONTIG-010583	101	3	2	0	0
CONTIG-010585	382	10	9	130	2
CONTIG-010586	137	18	12	99	0
CONTIG-010588	1352	26	172	1010	17
CONTIG-010589	815	26	440	924	0
CONTIG-010590	92	27	18	46	0
CONTIG-010591	412	13	46	165	0
CONTIG-010592	256	12	57	36	0
CONTIG-010593	80	29	64	67	0
CONTIG-010597	484	17	13	79	0
CONTIG-010598	255	19	76	150	5
CONTIG-010599	106	6	0	20	0
CONTIG-010600	607	11	7	203	2
CONTIG-010601	227	9	22	81	0
CONTIG-010602	136	9	49	7	0
CONTIG-010603	935	32	300	1343	8
CONTIG-010605	356	26	117	351	0
CONTIG-010607	144	6	29	17	2
CONTIG-010608	69	6	2	0	0
CONTIG-010609	156	7	17	10	0
CONTIG-010610	120	1134	137	8237	2
CONTIG-010611	144	21	13	2	0
CONTIG-010612	665	27	209	414	32
CONTIG-010613	217	7	20	20	0
CONTIG-010615	47	117	23	211	2
CONTIG-010616	97	9	47	6	0
CONTIG-010617	355	8	18	111	0
CONTIG-010618	1232	46	314	2816	22
CONTIG-010619	183	6	23	29	0
CONTIG-010620	258	7	19	33	2
CONTIG-010621	120	8	25	19	0
CONTIG-010622	106	7	12	20	0
CONTIG-010623	206	7	24	68	0
CONTIG-010624	148	255	160	2065	40
CONTIG-010625	572	22	126	349	4
CONTIG-010626	41	93	79	143	0
CONTIG-010627	737	88	700	2876	21
CONTIG-010628	612	30	163	268	31

CONTIG-010629	133	8	5	55	0
CONTIG-010630	110	146	224	342	0
CONTIG-010637	40	57	4	12	2
CONTIG-010639	1183	30	124	1187	0
CONTIG-010640	582	14	45	143	0
CONTIG-010643	277	10	20	83	2
CONTIG-010644	108	8	7	9	0
CONTIG-010645	770	22	83	747	2
CONTIG-010646	253	8	60	32	2
CONTIG-010647	544	22	243	281	2
CONTIG-010648	309	30	11	420	0
CONTIG-010649	298	7	34	44	0
CONTIG-010650	559	19	48	395	0
CONTIG-010651	279	10	50	55	0
CONTIG-010652	1675	31	254	1151	86
CONTIG-010654	503	13	24	178	2
CONTIG-010655	280	8	2	58	4
CONTIG-010657	260	9	25	56	2
CONTIG-010658	781	26	145	580	8
CONTIG-010659	38	1140	406	963	79
CONTIG-010661	296	127	629	721	0
CONTIG-010663	2303	29	450	1194	12
CONTIG-010664	199	11	33	40	0
CONTIG-010665	84	7	6	19	0
CONTIG-010666	177	64	8	84	0
CONTIG-010667	103	225	614	563	12
CONTIG-010668	743	49	421	1234	18
CONTIG-010670	137	337	160	2093	8
CONTIG-010671	103	6	0	20	0
CONTIG-010672	88	11	12	27	0
CONTIG-010673	88	122	16	0	140
CONTIG-010674	691	38	78	1423	2
CONTIG-010675	368	94	351	617	41
CONTIG-010676	139	53	276	23	20
CONTIG-010677	1115	26	207	589	14
CONTIG-010678	82	105	175	277	0
CONTIG-010680	283	14	2	107	4
CONTIG-010681	59	8	30	0	0
CONTIG-010682	303	12	98	85	0
CONTIG-010683	403	11	10	178	0
CONTIG-010684	483	29	307	434	6
CONTIG-010685	588	9	30	72	0
CONTIG-010686	576	13	24	409	0
CONTIG-010687	66	30	15	43	0
CONTIG-010693	159	32	236	96	0
CONTIG-010694	641	27	237	495	6
CONTIG-010695	336	191	345	1762	401

CONTIG-010696	98	4	0	0	0
CONTIG-010697	993	86	477	2217	249
CONTIG-010698	361	8	31	66	0
CONTIG-010708	62	671	192	582	75
CONTIG-010709	138	38	34	189	0
CONTIG-010710	261	14	22	136	0
CONTIG-010711	1136	25	574	572	14
CONTIG-010712	124	299	610	503	104
CONTIG-010713	81	77	184	156	0
CONTIG-010715	290	27	52	311	2
CONTIG-010716	74	875	193	2780	147
CONTIG-010717	182	19	77	43	0
CONTIG-010718	111	10	6	49	0
CONTIG-010719	172	6	22	17	0
CONTIG-010720	873	66	716	2257	5
CONTIG-010722	80	92	24	101	0
CONTIG-010723	62	7	15	0	0
CONTIG-010724	296	12	63	108	0
CONTIG-010725	706	170	386	7131	5
CONTIG-010726	118	12	25	41	0
CONTIG-010727	602	26	35	442	39
CONTIG-010731	245	280	506	2067	36
CONTIG-010732	828	22	62	509	6
CONTIG-010733	238	7	4	52	0
CONTIG-010734	125	12	17	65	0
CONTIG-010740	81	8	19	22	0
CONTIG-010741	270	14	34	174	2
CONTIG-010742	128	4	3	12	0
CONTIG-010743	574	13	90	351	0
CONTIG-010744	269	11	8	87	0
CONTIG-010745	247	7	0	75	0
CONTIG-010746	659	77	228	1748	2
CONTIG-010747	117	16	70	34	0
CONTIG-010748	281	13	27	101	2
CONTIG-010749	127	323	1399	511	98
CONTIG-010750	85	39	74	33	0
CONTIG-010751	128	12	2	51	0
CONTIG-010752	437	15	51	174	0
CONTIG-010753	138	33	432	0	0
CONTIG-010754	99	3	3	9	0
CONTIG-010759	141	36	66	151	2
CONTIG-010760	633	10	40	228	2
CONTIG-010761	515	17	147	221	0
CONTIG-010762	63	52	201	57	0
CONTIG-010763	89	16	74	3	0
CONTIG-010764	69	194	54	434	0
CONTIG-010766	189	213	548	425	65

CONTIG-010767	122	16	156	19	0
CONTIG-010768	246	9	29	69	0
CONTIG-010769	224	6	13	21	0
CONTIG-010770	73	5	2	6	0
CONTIG-010771	83	7	13	6	0
CONTIG-010772	101	16	139	2	0
CONTIG-010773	150	35	308	107	0
CONTIG-010774	111	9	18	17	0
CONTIG-010775	100	14	15	22	0
CONTIG-010777	177	14	60	0	0
CONTIG-010778	838	23	254	767	0
CONTIG-010784	90	35	75	92	0
CONTIG-010785	630	11	37	155	0
CONTIG-010786	113	17	9	90	0
CONTIG-010787	107	5	10	15	0
CONTIG-010788	162	14	6	18	0
CONTIG-010789	538	21	84	245	9
CONTIG-010790	48	583	4	720	0
CONTIG-010792	522	21	187	213	14
CONTIG-010793	353	11	75	136	0
CONTIG-010794	304	55	434	654	0
CONTIG-010795	342	37	177	211	0
CONTIG-010796	237	15	98	71	0
CONTIG-010799	112	10	47	33	0
CONTIG-010800	1368	25	483	1049	30
CONTIG-010801	296	70	198	922	20
CONTIG-010802	306	13	84	129	0
CONTIG-010803	93	13	0	29	0
CONTIG-010804	325	43	265	398	9
CONTIG-010806	63	5	14	8	0
CONTIG-010807	88	5	2	10	0
CONTIG-010808	36	4153	46	51	0
CONTIG-010812	549	33	106	510	6
CONTIG-010813	76	7	0	14	0
CONTIG-010814	274	11	30	78	0
CONTIG-010816	169	245	287	1072	100
CONTIG-010817	204	10	7	84	0
CONTIG-010824	118	324	179	1813	7
CONTIG-010826	333	18	142	119	2
CONTIG-010833	112	58	223	199	0
CONTIG-010834	353	40	1079	215	0
CONTIG-010835	1019	42	59	1989	0
CONTIG-010836	646	10	80	204	0
CONTIG-010837	237	14	60	117	0
CONTIG-010839	37	773	107	524	45
CONTIG-010845	526	14	12	245	2
CONTIG-010846	85	136	133	327	7

CONTIG-010847	39	143	36	150	2
CONTIG-010848	342	11	18	83	2
CONTIG-010849	737	13	44	348	0
CONTIG-010850	473	29	36	63	12
CONTIG-010851	74	845	71	995	318
CONTIG-010853	143	8	5	17	4
CONTIG-010854	151	9	19	35	0
CONTIG-010855	255	15	274	38	2
CONTIG-010856	337	11	76	49	7
CONTIG-010858	402	88	336	1118	63
CONTIG-010859	635	18	30	353	8
CONTIG-010860	274	9	27	44	0
CONTIG-010861	877	37	230	1195	11
CONTIG-010862	1232	25	317	848	9
CONTIG-010864	82	51	14	92	0
CONTIG-010865	80	7	19	8	0
CONTIG-010866	882	41	211	1617	2
CONTIG-010875	85	86	167	283	0
CONTIG-010876	212	30	41	313	0
CONTIG-010877	295	50	217	399	0
CONTIG-010878	170	313	546	1176	131
CONTIG-010880	193	104	92	967	6
CONTIG-010882	623	166	261	6619	0
CONTIG-010883	43	1802	139	1407	76
CONTIG-010884	102	9	23	17	0
CONTIG-010885	981	20	268	746	0
CONTIG-010886	77	10	38	2	0
CONTIG-010888	258	8	111	15	2
CONTIG-010890	790	39	644	1362	2
CONTIG-010891	329	41	245	348	0
CONTIG-010892	445	12	32	130	18
CONTIG-010895	119	8	4	32	0
CONTIG-010896	848	14	223	457	2
CONTIG-010897	58	86	16	53	6
CONTIG-010898	385	12	10	192	0
CONTIG-010899	98	285	313	423	75
CONTIG-010900	695	10	40	67	2
CONTIG-010901	190	5	2	21	0
CONTIG-010902	246	23	215	91	0
CONTIG-010903	728	75	412	2482	4
CONTIG-010904	115	9	26	23	0
CONTIG-010905	130	5	17	14	0
CONTIG-010906	315	6	38	42	0
CONTIG-010907	106	14	5	59	0
CONTIG-010908	1847	24	548	1409	2
CONTIG-010909	263	7	9	76	0
CONTIG-010910	141	302	310	1160	95

CONTIG-010911	718	38	175	821	9
CONTIG-010912	62	9	10	12	0
CONTIG-010913	247	98	274	944	9
CONTIG-010915	1112	20	289	840	2
CONTIG-010916	73	5	4	0	0
CONTIG-010917	486	11	44	192	0
CONTIG-010918	641	40	840	413	0
CONTIG-010919	96	13	11	17	0
CONTIG-010920	956	17	82	469	0
CONTIG-010921	178	4	12	16	0
CONTIG-010922	366	8	7	83	0
CONTIG-010926	70	260	71	911	23
CONTIG-010927	394	19	75	162	4
CONTIG-010928	383	9	11	55	10
CONTIG-010929	191	60	293	451	0
CONTIG-010930	287	129	440	399	66
CONTIG-010931	296	11	8	134	0
CONTIG-010933	164	73	36	559	2
CONTIG-010934	144	17	0	47	0
CONTIG-010935	389	10	71	137	0
CONTIG-010937	143	5	19	8	0
CONTIG-010938	183	17	49	118	2
CONTIG-010939	782	43	398	1204	26
CONTIG-010941	67	673	251	930	124
CONTIG-010942	962	139	838	4551	230
CONTIG-010943	64	7	25	4	0
CONTIG-010944	112	17	55	34	2
CONTIG-010945	947	19	151	898	5
CONTIG-010946	75	4	0	4	0
CONTIG-010947	199	17	154	66	0
CONTIG-010948	77	6	4	13	0
CONTIG-010949	84	9	5	7	0
CONTIG-010950	196	10	31	43	0
CONTIG-010951	432	120	350	2946	4
CONTIG-010952	495	9	40	109	2
CONTIG-010953	713	43	221	615	23
CONTIG-010954	64	35	13	27	2
CONTIG-010955	118	127	5	0	222
CONTIG-010956	149	15	24	60	0
CONTIG-010958	178	5	5	29	0
CONTIG-010959	282	25	87	168	4
CONTIG-010960	662	16	47	377	0
CONTIG-010961	62	8	4	8	0
CONTIG-010962	117	627	499	1515	133
CONTIG-010963	593	12	24	338	0
CONTIG-010964	105	9	8	13	0
CONTIG-010965	625	39	197	511	4

CONTIG-010966	39	714	216	635	78
CONTIG-010967	155	9	8	47	0
CONTIG-010968	147	12	47	25	0
CONTIG-010969	154	7	28	28	0
CONTIG-010970	650	16	31	339	12
CONTIG-010971	148	7	30	25	0
CONTIG-010972	180	6	7	14	0
CONTIG-010973	65	9	12	12	0
CONTIG-010974	170	21	49	117	0
CONTIG-010975	124	17	148	2	0
CONTIG-010982	390	125	114	2424	15
CONTIG-010986	713	20	20	856	0
CONTIG-010987	50	519	287	674	37
CONTIG-010988	251	188	512	734	154
CONTIG-010992	871	21	39	440	14
CONTIG-010993	204	5	13	16	0
CONTIG-010994	413	15	13	69	0
CONTIG-010995	356	90	114	1663	13
CONTIG-010996	576	15	33	279	0
CONTIG-010997	546	21	174	331	0
CONTIG-010998	107	8	6	4	0
CONTIG-010999	684	47	337	354	6
CONTIG-011000	109	7	7	20	0
CONTIG-011002	249	8	21	58	0
CONTIG-011003	75	9	53	9	0
CONTIG-011004	215	49	85	404	15
CONTIG-011005	141	6	5	13	0
CONTIG-011008	348	12	7	137	0
CONTIG-011010	511	15	25	299	6
CONTIG-011011	41	467	190	540	47
CONTIG-011012	201	19	88	56	0
CONTIG-011013	264	24	154	114	2
CONTIG-011014	96	12	7	51	0
CONTIG-011016	251	10	41	20	0
CONTIG-011017	156	47	115	354	0
CONTIG-011018	795	43	296	755	21
CONTIG-011019	159	41	82	136	0
CONTIG-011020	617	262	212	2801	570
CONTIG-011021	522	21	907	114	0
CONTIG-011026	338	9	78	72	0
CONTIG-011027	253	13	81	138	0
CONTIG-011028	143	6	21	15	0
CONTIG-011029	900	36	138	1873	0
CONTIG-011038	67	4	7	2	0
CONTIG-011041	240	11	8	85	0
CONTIG-011042	94	3	3	2	0
CONTIG-011043	300	29	93	305	0

CONTIG-011044	72	5	5	9	0
CONTIG-011045	1003	52	248	2985	0
CONTIG-011046	112	44	445	0	9
CONTIG-011047	71	8	2	19	0
CONTIG-011048	687	20	9	30	0
CONTIG-011049	354	7	12	37	0
CONTIG-011050	236	34	84	203	0
CONTIG-011051	1277	67	887	2759	35
CONTIG-011053	192	21	102	95	0
CONTIG-011054	914	19	280	801	0
CONTIG-011055	606	15	80	210	4
CONTIG-011056	100	8	29	10	0
CONTIG-011057	86	42	0	125	0
CONTIG-011058	1078	21	475	687	2
CONTIG-011060	223	15	13	143	0
CONTIG-011061	58	6	11	0	0
CONTIG-011062	214	8	27	62	0
CONTIG-011064	797	18	105	300	14
CONTIG-011065	133	21	23	36	2
CONTIG-011066	513	27	212	193	8
CONTIG-011067	2653	58	444	5990	97
CONTIG-011068	122	5	2	11	0
CONTIG-011069	580	16	164	275	4
CONTIG-011070	73	10	2	12	2
CONTIG-011072	365	17	74	154	2
CONTIG-011080	95	6	2	16	0
CONTIG-011081	239	7	21	40	0
CONTIG-011082	49	952	101	1324	159
CONTIG-011083	270	10	22	100	0
CONTIG-011084	229	4	8	9	0
CONTIG-011085	118	100	116	227	3
CONTIG-011086	105	3	7	8	0
CONTIG-011087	300	41	310	213	4
CONTIG-011088	617	24	419	392	0
CONTIG-011089	112	192	349	678	2
CONTIG-011090	420	9	92	117	0
CONTIG-011091	174	266	324	2147	4
CONTIG-011093	727	49	139	1418	4
CONTIG-011095	817	31	266	565	9
CONTIG-011096	317	26	220	236	0
CONTIG-011097	85	7	5	13	0
CONTIG-011098	84	23	84	9	0
CONTIG-011099	487	191	879	1611	333
CONTIG-011100	491	19	91	207	2
CONTIG-011102	106	15	27	43	0
CONTIG-011110	130	5	19	12	0
CONTIG-011111	234	14	51	165	0

CONTIG-011112	617	47	72	781	105
CONTIG-011113	288	175	135	1627	136
CONTIG-011114	183	12	90	17	0
CONTIG-011115	162	9	11	55	0
CONTIG-011116	208	27	31	174	2
CONTIG-011117	438	16	29	213	0
CONTIG-011118	360	11	14	150	0
CONTIG-011119	491	18	40	352	4
CONTIG-011120	1048	40	118	1617	34
CONTIG-011121	1004	17	121	685	0
CONTIG-011122	194	15	24	104	0
CONTIG-011131	293	42	177	378	0
CONTIG-011132	143	15	51	71	0
CONTIG-011133	190	9	23	55	0
CONTIG-011134	1154	79	647	3028	68
CONTIG-011135	693	44	227	445	20
CONTIG-011136	66	5	0	9	0
CONTIG-011137	121	27	234	43	0
CONTIG-011138	255	13	68	85	0
CONTIG-011139	233	8	34	42	0
CONTIG-011140	61	16	46	4	0
CONTIG-011141	433	26	161	318	5
CONTIG-011142	87	95	61	179	0
CONTIG-011143	129	448	527	1283	109
CONTIG-011144	925	28	315	762	0
CONTIG-011145	192	8	31	34	0
CONTIG-011146	137	14	70	15	2
CONTIG-011147	142	6	7	17	0
CONTIG-011151	164	9	44	31	0
CONTIG-011153	36	48	0	59	0
CONTIG-011169	68	11	35	2	0
CONTIG-011170	58	3	4	4	0
CONTIG-011171	295	40	69	408	0
CONTIG-011172	73	10	40	10	0
CONTIG-011173	122	402	584	650	212
CONTIG-011174	208	49	151	402	0
CONTIG-011175	623	41	44	778	70
CONTIG-011176	765	18	95	402	28
CONTIG-011177	70	5	2	4	0
CONTIG-011178	314	15	46	155	0
CONTIG-011179	775	46	516	1191	23
CONTIG-011180	373	14	31	112	0
CONTIG-011181	588	57	179	1636	0
CONTIG-011183	837	37	111	1008	11
CONTIG-011184	604	39	213	940	5
CONTIG-011185	48	1764	46	2744	0
CONTIG-011186	609	23	118	476	2

CONTIG-011187	605	26	464	535	0
CONTIG-011188	121	4	7	6	0
CONTIG-011189	279	6	11	38	0
CONTIG-011190	310	10	10	88	0
CONTIG-011191	221	12	46	42	0
CONTIG-011192	167	16	7	93	0
CONTIG-011193	1377	47	179	1151	89
CONTIG-011194	219	13	57	122	0
CONTIG-011197	47	295	101	371	6
CONTIG-011198	79	245	53	946	0
CONTIG-011199	321	53	28	730	2
CONTIG-011200	92	9	8	10	3
CONTIG-011201	131	12	24	34	2
CONTIG-011202	234	62	728	326	0
CONTIG-011203	273	74	52	565	52
CONTIG-011204	224	24	58	202	7
CONTIG-011205	147	5	0	12	0
CONTIG-011206	170	11	132	18	0
CONTIG-011207	110	91	93	324	0
CONTIG-011208	61	9	28	6	0
CONTIG-011209	1413	28	49	157	10
CONTIG-011210	820	30	296	577	18
CONTIG-011211	344	7	19	80	0
CONTIG-011212	92	8	6	20	0
CONTIG-011214	448	24	107	382	0
CONTIG-011215	343	25	110	305	0
CONTIG-011216	64	11	58	5	0
CONTIG-011221	294	11	10	143	2
CONTIG-011222	172	8	3	42	0
CONTIG-011228	81	37	59	147	2
CONTIG-011229	169	12	11	90	0
CONTIG-011230	107	9	49	11	0
CONTIG-011231	183	10	4	67	0
CONTIG-011233	398	21	175	273	2
CONTIG-011234	139	14	20	44	2
CONTIG-011235	63	19	11	59	0
CONTIG-011236	86	8	15	18	0
CONTIG-011243	174	15	8	47	0
CONTIG-011250	417	55	813	672	0
CONTIG-011251	36	721	49	298	108
CONTIG-011262	417	18	29	252	0
CONTIG-011263	90	17	7	78	0
CONTIG-011264	629	10	15	168	4
CONTIG-011267	787	43	73	431	5
CONTIG-011271	120	6	4	21	0
CONTIG-011272	403	40	740	329	4
CONTIG-011273	829	16	68	256	5

CONTIG-011274	86	5	0	12	0
CONTIG-011275	492	23	150	464	0
CONTIG-011277	90	49	19	206	0
CONTIG-011278	63	4	3	13	0
CONTIG-011280	203	6	15	29	0
CONTIG-011281	320	19	156	170	0
CONTIG-011282	61	7	9	6	0
CONTIG-011284	93	7	7	22	0
CONTIG-011285	286	11	2	134	0
CONTIG-011286	209	40	210	170	0
CONTIG-011289	823	16	96	566	0
CONTIG-011290	318	52	166	589	17
CONTIG-011303	257	11	67	93	0
CONTIG-011369	324	181	329	1733	98
CONTIG-011370	101	195	455	385	14
CONTIG-011371	960	16	193	628	2
CONTIG-011372	121	54	65	280	0
CONTIG-011373	103	19	32	48	0
CONTIG-011374	152	8	6	0	0
CONTIG-011375	110	44	154	113	2
CONTIG-011376	2109	29	242	3397	5
CONTIG-011377	357	32	84	238	16
CONTIG-011378	133	5	3	13	0
CONTIG-011379	188	6	28	16	0
CONTIG-011380	80	6	25	0	3
CONTIG-011381	391	32	86	507	29
CONTIG-011382	490	10	5	141	2
CONTIG-011383	233	7	40	37	0
CONTIG-011384	328	18	48	140	0
CONTIG-011389	73	67	200	19	0
CONTIG-011390	154	25	431	0	0
CONTIG-011391	718	25	105	687	4
CONTIG-011392	687	25	179	688	2
CONTIG-011393	204	6	6	33	0
CONTIG-011394	212	10	29	50	0
CONTIG-011395	640	9	19	193	0
CONTIG-011396	199	10	132	16	0
CONTIG-011397	88	105	97	269	0
CONTIG-011398	328	10	32	77	0
CONTIG-011399	164	60	320	87	0
CONTIG-011400	521	18	157	179	0
CONTIG-011401	74	176	293	10	2
CONTIG-011402	565	37	286	584	5
CONTIG-011403	668	15	44	288	0
CONTIG-011405	254	20	34	134	0
CONTIG-011406	134	15	30	60	0
CONTIG-011407	83	36	150	0	0

CONTIG-011409	1200	62	1256	3271	0
CONTIG-011410	228	18	94	72	0
CONTIG-011411	67	6	4	12	0
CONTIG-011412	128	402	103	2880	0
CONTIG-011413	248	8	10	84	0
CONTIG-011414	74	11	8	20	0
CONTIG-011415	247	29	104	277	0
CONTIG-011416	1268	32	136	1876	4
CONTIG-011417	196	98	174	609	0
CONTIG-011418	151	184	1247	112	26
CONTIG-011419	200	10	70	45	0
CONTIG-011426	93	9	33	8	0
CONTIG-011427	166	537	1488	1637	206
CONTIG-011428	182	16	3	123	0
CONTIG-011429	227	21	104	82	0
CONTIG-011430	569	18	194	186	0
CONTIG-011431	526	48	478	1140	2
CONTIG-011432	1112	35	180	2049	9
CONTIG-011433	321	12	16	135	2
CONTIG-011434	187	11	6	121	0
CONTIG-011435	338	15	69	152	2
CONTIG-011436	131	8	0	8	0
CONTIG-011438	252	11	31	84	2
CONTIG-011439	268	27	226	104	2
CONTIG-011440	171	4	3	22	0
CONTIG-011441	770	21	400	540	2
CONTIG-011442	462	18	82	129	0
CONTIG-011443	283	11	41	57	0
CONTIG-011445	60	8	8	0	0
CONTIG-011446	60	11	7	0	0
CONTIG-011447	275	5	0	20	0
CONTIG-011448	144	6	7	21	0
CONTIG-011449	161	15	12	41	4
CONTIG-011450	470	28	77	607	0
CONTIG-011451	203	30	142	99	2
CONTIG-011452	993	31	250	842	66
CONTIG-011453	324	13	76	96	0
CONTIG-011456	509	12	130	174	0
CONTIG-011457	297	13	5	239	2
CONTIG-011458	112	53	204	185	0
CONTIG-011459	467	18	0	0	11
CONTIG-011460	584	15	68	114	0
CONTIG-011461	79	10	17	13	0
CONTIG-011462	724	150	548	6437	11
CONTIG-011463	277	12	24	107	2
CONTIG-011465	334	24	10	109	0
CONTIG-011466	198	11	6	45	0

CONTIG-011467	958	73	7	0	502
CONTIG-011468	138	85	56	597	7
CONTIG-011469	266	123	99	892	149
CONTIG-011470	140	51	157	291	0
CONTIG-011471	568	15	104	198	4
CONTIG-011476	275	4	13	17	0
CONTIG-011477	223	4	4	20	3
CONTIG-011478	1060	19	190	604	0
CONTIG-011479	605	43	283	910	2
CONTIG-011480	149	43	87	147	4
CONTIG-011481	1140	31	123	954	55
CONTIG-011482	367	29	367	287	0
CONTIG-011483	215	13	44	28	2
CONTIG-011484	42	507	259	309	7
CONTIG-011489	482	32	300	460	26
CONTIG-011490	60	81	20	97	0
CONTIG-011491	850	98	0	0	1000
CONTIG-011492	287	11	11	138	0
CONTIG-011493	1041	19	162	670	8
CONTIG-011494	96	6	3	15	0
CONTIG-011495	149	8	18	25	2
CONTIG-011496	59	5	3	0	0
CONTIG-011497	1561	28	547	1719	0
CONTIG-011498	90	6	14	8	0
CONTIG-011499	103	3	8	5	0
CONTIG-011500	766	17	372	461	2
CONTIG-011501	456	16	35	152	2
CONTIG-011502	458	26	37	411	16
CONTIG-011503	640	36	128	716	6
CONTIG-011507	235	12	79	66	0
CONTIG-011508	106	9	25	16	0
CONTIG-011509	99	159	106	9	240
CONTIG-011510	93	72	105	144	8
CONTIG-011511	72	10	37	0	0
CONTIG-011512	85	10	20	28	0
CONTIG-011513	185	21	139	33	0
CONTIG-011514	96	4	7	15	0
CONTIG-011515	72	7	6	21	0
CONTIG-011516	168	7	2	32	0
CONTIG-011517	143	8	4	22	0
CONTIG-011518	65	14	38	0	0
CONTIG-011519	352	9	118	75	0
CONTIG-011520	77	3	3	7	0
CONTIG-011521	141	7	19	13	0
CONTIG-011522	323	13	100	104	10
CONTIG-011523	284	25	117	54	0
CONTIG-011525	432	19	222	127	2

CONTIG-011527	220	57	560	340	2
CONTIG-011528	281	10	41	64	0
CONTIG-011529	168	12	10	90	0
CONTIG-011530	524	23	100	244	0
CONTIG-011531	372	31	66	507	0
CONTIG-011532	1027	21	338	618	6
CONTIG-011533	437	87	1469	1290	3
CONTIG-011534	241	475	120	5701	2
CONTIG-011535	272	52	302	609	2
CONTIG-011536	332	9	34	49	2
CONTIG-011537	59	24	49	0	0
CONTIG-011538	260	9	39	64	0
CONTIG-011539	441	39	45	183	0
CONTIG-011540	1140	53	148	1100	126
CONTIG-011546	130	13	4	52	2
CONTIG-011547	129	31	390	11	0
CONTIG-011548	568	47	121	1046	6
CONTIG-011549	109	12	16	32	0
CONTIG-011550	74	26	151	8	0
CONTIG-011551	675	46	192	506	23
CONTIG-011552	370	29	144	503	0
CONTIG-011553	601	20	80	395	2
CONTIG-011554	82	17	58	21	0
CONTIG-011555	981	23	308	659	10
CONTIG-011556	258	13	46	50	0
CONTIG-011557	149	113	820	343	2
CONTIG-011565	302	140	445	1046	5
CONTIG-011566	61	246	301	73	3
CONTIG-011573	886	15	122	357	0
CONTIG-011575	884	38	149	920	0
CONTIG-011576	68	36	45	32	0
CONTIG-011577	42	138	88	142	0
CONTIG-011578	264	14	279	23	0
CONTIG-011579	125	7	2	19	2
CONTIG-011580	321	11	63	63	8
CONTIG-011581	239	10	2	79	0
CONTIG-011582	89	7	4	0	0
CONTIG-011583	205	11	20	43	0
CONTIG-011584	943	13	80	301	11
CONTIG-011589	719	22	194	810	0
CONTIG-011590	68	8	8	6	0
CONTIG-011591	509	18	102	184	11
CONTIG-011592	245	8	39	69	0
CONTIG-011593	155	556	1221	3336	85
CONTIG-011594	172	151	105	814	10
CONTIG-011595	1112	15	191	680	4
CONTIG-011596	85	5	30	0	0

CONTIG-011597	352	14	191	49	0
CONTIG-011598	395	23	29	491	2
CONTIG-011599	830	33	190	669	52
CONTIG-011600	106	5	9	10	0
CONTIG-011602	42	299	81	81	2
CONTIG-011603	144	3	0	7	0
CONTIG-011604	61	6	4	3	0
CONTIG-011605	81	13	27	12	0
CONTIG-011606	303	14	91	98	2
CONTIG-011607	245	5	6	31	0
CONTIG-011608	504	18	265	206	0
CONTIG-011609	228	103	437	413	62
CONTIG-011610	243	28	2	0	56
CONTIG-011611	149	51	309	27	0
CONTIG-011612	634	18	103	469	2
CONTIG-011613	71	15	11	33	0
CONTIG-011615	58	4	7	4	0
CONTIG-011616	548	19	71	539	0
CONTIG-011617	59	8	2	14	0
CONTIG-011618	212	348	417	1501	393
CONTIG-011619	404	95	159	2180	2
CONTIG-011620	147	24	142	3	0
CONTIG-011621	193	20	27	142	0
CONTIG-011623	693	19	194	350	2
CONTIG-011625	593	22	49	419	0
CONTIG-011633	245	32	107	271	3
CONTIG-011634	88	462	186	1331	101
CONTIG-011635	180	8	10	59	0
CONTIG-011636	169	50	241	162	2
CONTIG-011644	136	7	17	26	0
CONTIG-011645	1344	55	228	1729	250
CONTIG-011647	269	16	5	114	0
CONTIG-011648	99	13	35	10	0
CONTIG-011649	87	4	23	0	0
CONTIG-011650	182	8	18	52	0
CONTIG-011651	74	316	121	493	73
CONTIG-011652	107	173	564	47	0
CONTIG-011653	165	36	124	242	0
CONTIG-011654	637	43	177	944	22
CONTIG-011655	162	4	8	6	0
CONTIG-011657	285	29	77	244	6
CONTIG-011658	106	21	26	19	0
CONTIG-011659	692	25	268	512	4
CONTIG-011660	1353	15	68	627	4
CONTIG-011665	109	6	2	20	0
CONTIG-011666	186	19	45	33	0
CONTIG-011667	207	23	122	106	0

CONTIG-011668	346	15	144	26	0
CONTIG-011669	104	19	36	7	0
CONTIG-011670	119	9	29	11	0
CONTIG-011679	258	91	779	682	2
CONTIG-011680	88	86	153	9	0
CONTIG-011681	278	13	113	67	0
CONTIG-011682	751	12	130	227	0
CONTIG-011683	113	8	30	24	0
CONTIG-011684	784	44	502	1131	21
CONTIG-011685	170	40	56	155	2
CONTIG-011686	64	20	25	8	0
CONTIG-011687	189	15	21	40	0
CONTIG-011688	756	52	588	2058	0
CONTIG-011689	62	4	6	6	0
CONTIG-011690	789	33	299	505	16
CONTIG-011691	96	14	36	41	0
CONTIG-011692	356	21	77	361	0
CONTIG-011694	117	6	22	6	0
CONTIG-011695	65	71	73	8	0
CONTIG-011696	730	53	747	1224	22
CONTIG-011697	107	210	278	458	2
CONTIG-011698	178	10	18	27	0
CONTIG-011699	103	10	15	36	0
CONTIG-011700	882	49	646	1490	10
CONTIG-011701	473	14	154	96	2
CONTIG-011703	214	28	211	0	0
CONTIG-011704	242	6	15	36	0
CONTIG-011705	2750	40	353	5580	14
CONTIG-011706	414	14	210	111	2
CONTIG-011714	695	94	624	2686	9
CONTIG-011715	355	107	117	972	30
CONTIG-011716	381	22	42	200	4
CONTIG-011717	410	45	740	528	0
CONTIG-011718	160	10	39	33	0
CONTIG-011719	212	6	3	42	0
CONTIG-011723	134	36	232	89	0
CONTIG-011724	524	38	494	579	3
CONTIG-011725	202	9	10	57	0
CONTIG-011726	1135	15	87	298	4
CONTIG-011727	286	13	2	4	0
CONTIG-011728	175	34	108	174	0
CONTIG-011735	76	5	3	6	0
CONTIG-011736	326	19	99	247	0
CONTIG-011743	353	13	21	149	2
CONTIG-011745	1074	54	653	1297	12
CONTIG-011746	467	25	337	215	0
CONTIG-011747	600	169	159	5384	2

CONTIG-011748	913	61	339	3368	2
CONTIG-011749	86	4	10	4	0
CONTIG-011755	585	28	95	533	0
CONTIG-011756	397	64	831	900	0
CONTIG-011758	85	178	69	404	2
CONTIG-011759	306	17	99	90	8
CONTIG-011760	574	12	66	214	0
CONTIG-011761	501	484	295	10566	1100
CONTIG-011763	226	15	123	75	0
CONTIG-011764	98	9	8	33	0
CONTIG-011765	177	10	40	0	0
CONTIG-011766	66	12	0	51	0
CONTIG-011767	319	8	53	90	0
CONTIG-011768	230	7	32	22	0
CONTIG-011769	627	23	161	368	2
CONTIG-011775	1637	27	485	1352	21
CONTIG-011776	244	8	22	75	0
CONTIG-011777	346	6	2	0	0
CONTIG-011778	236	11	30	83	0
CONTIG-011779	191	121	438	319	20
CONTIG-011780	237	17	25	129	0
CONTIG-011781	403	47	473	428	6
CONTIG-011782	160	11	26	57	0
CONTIG-011787	263	18	148	132	0
CONTIG-011788	78	6	5	8	0
CONTIG-011789	1072	41	260	1945	26
CONTIG-011790	122	38	16	16	0
CONTIG-011791	504	16	54	270	0
CONTIG-011792	80	6	11	2	0
CONTIG-011793	663	23	181	368	8
CONTIG-011794	108	17	24	56	2
CONTIG-011795	117	482	423	2043	50
CONTIG-011796	81	12	23	20	0
CONTIG-011797	326	14	113	106	0
CONTIG-011798	588	13	138	218	2
CONTIG-011799	895	40	234	919	8
CONTIG-011800	446	18	69	211	2
CONTIG-011803	158	49	161	98	2
CONTIG-011804	373	323	418	3608	456
CONTIG-011805	706	39	176	912	4
CONTIG-011806	360	7	8	40	0
CONTIG-011807	212	18	35	141	0
CONTIG-011808	918	54	451	1721	17
CONTIG-011809	206	39	323	0	0
CONTIG-011810	204	10	20	62	2
CONTIG-011811	65	10	11	9	0
CONTIG-011812	1233	25	200	1150	9

CONTIG-011813	174	5	0	8	0
CONTIG-011814	658	24	245	141	0
CONTIG-011815	219	18	216	32	0
CONTIG-011816	222	209	721	296	27
CONTIG-011817	100	41	110	19	0
CONTIG-011818	845	37	330	1074	15
CONTIG-011819	678	39	153	1266	8
CONTIG-011820	145	5	29	4	0
CONTIG-011821	422	38	207	770	2
CONTIG-011822	73	353	1211	585	0
CONTIG-011823	356	14	32	210	0
CONTIG-011824	204	66	217	300	0
CONTIG-011825	411	21	72	233	11
CONTIG-011826	111	10	17	33	0
CONTIG-011827	235	20	78	156	0
CONTIG-011828	191	12	171	19	0
CONTIG-011829	581	31	496	489	6
CONTIG-011830	155	23	17	4	0
CONTIG-011831	54	222	747	184	7
CONTIG-011832	284	33	40	76	16
CONTIG-011837	296	71	240	227	11
CONTIG-011838	89	40	134	13	5
CONTIG-011839	106	11	12	27	0
CONTIG-011840	570	15	19	338	0
CONTIG-011841	229	11	20	87	0
CONTIG-011843	391	13	3	3	0
CONTIG-011844	123	661	1298	3271	21
CONTIG-011845	1063	15	142	351	7
CONTIG-011846	71	5	32	2	0
CONTIG-011847	1049	27	359	1201	0
CONTIG-011848	357	49	202	205	2
CONTIG-011849	1087	15	25	585	2
CONTIG-011850	298	313	293	4231	46
CONTIG-011851	221	13	231	23	0
CONTIG-011852	48	294	127	223	22
CONTIG-011853	74	6	13	9	0
CONTIG-011854	968	18	137	424	16
CONTIG-011856	198	9	39	12	0
CONTIG-011857	788	14	122	523	0
CONTIG-011858	244	18	44	88	2
CONTIG-011859	1226	89	503	3313	244
CONTIG-011860	528	12	18	165	0
CONTIG-011861	83	8	9	17	0
CONTIG-011862	149	6	6	24	0
CONTIG-011863	120	37	44	74	2
CONTIG-011864	460	19	84	153	2
CONTIG-011865	58	1122	1205	1077	82

CONTIG-011866	514	21	145	441	2
CONTIG-011867	870	17	234	660	0
CONTIG-011868	84	10	4	0	0
CONTIG-011870	56	68	0	94	0
CONTIG-011873	477	28	63	406	2
CONTIG-011874	230	19	42	154	0
CONTIG-011875	542	12	69	218	2
CONTIG-011876	155	41	335	160	0
CONTIG-011877	325	32	274	104	0
CONTIG-011878	72	10	24	8	0
CONTIG-011879	236	55	67	650	2
CONTIG-011880	45	668	113	1242	9
CONTIG-011881	168	11	21	31	0
CONTIG-011882	116	7	16	18	0
CONTIG-011883	56	358	122	479	58
CONTIG-011884	86	632	431	2592	21
CONTIG-011890	89	10	81	0	0
CONTIG-011896	134	41	153	78	0
CONTIG-011897	672	23	206	278	11
CONTIG-011898	120	13	8	33	3
CONTIG-011899	99	14	13	29	0
CONTIG-011900	78	29	13	90	0
CONTIG-011901	627	11	16	214	2
CONTIG-011902	67	5	4	3	0
CONTIG-011903	709	18	191	471	0
CONTIG-011904	70	15	33	40	0
CONTIG-011906	865	7	22	139	0
CONTIG-011907	663	23	156	593	0
CONTIG-011908	231	68	212	731	0
CONTIG-011909	126	55	403	22	0
CONTIG-011914	292	9	2	76	0
CONTIG-011915	390	18	121	154	0
CONTIG-011916	488	11	14	164	2
CONTIG-011924	714	27	259	635	0
CONTIG-011925	441	15	131	66	0
CONTIG-011934	122	25	70	23	0
CONTIG-011935	2688	60	289	3675	206
CONTIG-011937	190	15	11	96	0
CONTIG-011938	66	8	0	10	0
CONTIG-011939	564	14	23	255	2
CONTIG-011940	522	21	168	457	0
CONTIG-011941	462	24	88	420	2
CONTIG-011942	1062	28	234	468	10
CONTIG-011943	881	28	234	1030	0
CONTIG-011944	574	19	118	154	13
CONTIG-011945	1484	54	205	2992	130
CONTIG-011953	176	10	56	17	0

CONTIG-011954	335	12	47	166	2
CONTIG-011955	152	23	118	26	0
CONTIG-011956	818	16	101	475	2
CONTIG-011957	755	32	149	383	6
CONTIG-011958	125	5	2	5	0
CONTIG-011959	427	12	56	105	0
CONTIG-011962	260	90	417	229	19
CONTIG-011968	227	22	103	96	0
CONTIG-011969	3342	38	274	6965	12
CONTIG-011970	313	27	220	44	8
CONTIG-011971	390	28	67	245	8
CONTIG-011974	75	96	52	333	0
CONTIG-011975	47	26	43	43	0
CONTIG-011976	466	16	70	171	8
CONTIG-011977	230	16	112	75	0
CONTIG-011978	185	55	72	214	0
CONTIG-011987	102	7	17	25	0
CONTIG-011988	587	264	830	5980	233
CONTIG-011989	87	7	0	14	0
CONTIG-011990	71	30	236	4	0
CONTIG-011991	109	278	303	653	67
CONTIG-011992	410	19	90	245	2
CONTIG-011993	154	31	16	292	0
CONTIG-011994	1293	17	142	853	4
CONTIG-011995	62	3	14	4	0
CONTIG-011996	952	24	352	695	2
CONTIG-011997	66	12	26	24	0
CONTIG-011998	97	4	17	2	0
CONTIG-011999	252	7	3	49	0
CONTIG-012000	200	9	8	62	2
CONTIG-012001	120	264	238	1763	0
CONTIG-012002	92	4	4	3	0
CONTIG-012003	155	557	542	2964	52
CONTIG-012004	102	5	11	2	0
CONTIG-012005	323	19	115	161	0
CONTIG-012006	790	20	42	428	8
CONTIG-012007	264	29	530	134	0
CONTIG-012008	423	16	60	212	0
CONTIG-012009	388	8	15	127	2
CONTIG-012010	282	312	1005	1150	101
CONTIG-012011	137	9	42	15	0
CONTIG-012012	131	9	10	7	0
CONTIG-012013	312	14	55	90	2
CONTIG-012014	711	22	249	438	4
CONTIG-012015	627	20	58	483	2
CONTIG-012016	68	9	8	19	0
CONTIG-012017	227	10	71	26	0

CONTIG-012018	345	273	201	1920	43
CONTIG-012019	981	19	197	506	4
CONTIG-012020	62	39	94	55	0
CONTIG-012024	364	18	35	181	4
CONTIG-012027	175	27	273	76	0
CONTIG-012028	115	5	4	5	0
CONTIG-012029	92	68	14	334	0
CONTIG-012030	311	14	52	83	0
CONTIG-012031	278	13	21	91	0
CONTIG-012032	99	460	233	91	0
CONTIG-012033	64	4	10	0	0
CONTIG-012034	564	21	65	586	0
CONTIG-012035	204	18	33	72	2
CONTIG-012036	196	5	3	19	0
CONTIG-012037	99	44	424	29	0
CONTIG-012041	59	48	299	0	0
CONTIG-012042	123	386	167	712	4
CONTIG-012044	108	6	16	9	0
CONTIG-012046	651	9	85	244	0
CONTIG-012047	995	47	315	1964	10
CONTIG-012048	113	33	37	149	0
CONTIG-012049	329	15	81	160	4
CONTIG-012050	82	29	62	58	0
CONTIG-012051	316	12	41	63	2
CONTIG-012053	70	6	5	15	0
CONTIG-012054	68	9	34	2	0
CONTIG-012055	211	34	33	298	0
CONTIG-012056	64	184	121	448	0
CONTIG-012057	102	7	8	9	0
CONTIG-012058	489	17	38	192	6
CONTIG-012059	188	6	7	37	2
CONTIG-012060	1490	45	384	1585	128
CONTIG-012061	532	35	75	749	10
CONTIG-012062	110	21	107	53	0
CONTIG-012063	36	209	26	79	0
CONTIG-012064	169	7	13	38	0
CONTIG-012065	65	42	48	81	2
CONTIG-012066	511	15	132	194	0
CONTIG-012067	594	13	24	176	0
CONTIG-012068	293	23	166	143	0
CONTIG-012069	341	26	56	430	0
CONTIG-012071	252	18	118	101	0
CONTIG-012072	277	10	19	31	2
CONTIG-012074	223	6	58	11	0
CONTIG-012075	497	20	46	369	0
CONTIG-012084	143	6	31	18	0
CONTIG-012085	112	13	59	47	0

CONTIG-012086	949	14	97	474	2
CONTIG-012087	174	10	67	31	0
CONTIG-012089	354	40	157	529	4
CONTIG-012090	121	15	44	23	0
CONTIG-012091	711	25	76	539	16
CONTIG-012092	78	4	4	5	0
CONTIG-012094	39	615	64	595	45
CONTIG-012095	1969	49	397	3084	174
CONTIG-012096	167	27	65	206	0
CONTIG-012097	800	19	0	0	107
CONTIG-012099	314	9	16	11	0
CONTIG-012100	508	172	357	3476	56
CONTIG-012101	46	789	757	328	36
CONTIG-012102	1195	134	169	8828	64
CONTIG-012103	153	6	23	21	0
CONTIG-012107	79	11	57	7	0
CONTIG-012108	844	29	210	977	0
CONTIG-012110	173	9	19	15	0
CONTIG-012111	116	5	4	19	0
CONTIG-012116	1171	27	643	1060	10
CONTIG-012117	173	11	30	39	0
CONTIG-012118	246	12	22	11	0
CONTIG-012119	435	25	82	131	28
CONTIG-012120	146	24	395	0	0
CONTIG-012121	443	13	37	151	0
CONTIG-012122	809	24	421	552	4
CONTIG-012123	151	346	527	1325	72
CONTIG-012124	92	7	18	14	0
CONTIG-012125	186	26	77	75	2
CONTIG-012126	97	62	586	19	0
CONTIG-012127	1632	41	495	1438	131
CONTIG-012128	442	8	11	129	0
CONTIG-012129	195	11	27	47	2
CONTIG-012138	513	13	35	119	9
CONTIG-012140	616	40	140	677	0
CONTIG-012145	100	5	10	9	0
CONTIG-012146	122	18	98	52	0
CONTIG-012147	258	140	58	2072	41
CONTIG-012149	1236	44	216	2202	4
CONTIG-012150	146	18	8	75	0
CONTIG-012154	157	10	10	43	0
CONTIG-012155	67	19	18	20	0
CONTIG-012156	160	217	731	1028	6
CONTIG-012157	803	20	20	604	3
CONTIG-012158	202	8	5	49	0
CONTIG-012159	437	19	19	282	0
CONTIG-012161	94	6	17	10	0

CONTIG-012162	274	7	22	22	0
CONTIG-012165	473	20	158	327	0
CONTIG-012166	213	6	24	29	0
CONTIG-012167	242	14	71	122	0
CONTIG-012171	122	7	14	18	0
CONTIG-012172	168	26	77	144	0
CONTIG-012176	204	8	0	57	0
CONTIG-012177	434	18	219	206	2
CONTIG-012178	38	48	2	54	5
CONTIG-012179	277	14	18	103	0
CONTIG-012180	427	11	48	140	0
CONTIG-012181	189	87	332	574	0
CONTIG-012183	505	14	199	81	0
CONTIG-012190	141	9	13	18	0
CONTIG-012191	467	8	33	49	3
CONTIG-012192	71	6	11	4	0
CONTIG-012193	900	21	108	832	2
CONTIG-012194	100	5	12	17	0
CONTIG-012195	90	86	69	159	2
CONTIG-012196	129	30	109	94	5
CONTIG-012197	507	9	69	124	0
CONTIG-012198	1080	15	272	568	4
CONTIG-012200	325	12	19	140	2
CONTIG-012201	80	80	588	0	18
CONTIG-012202	203	13	12	72	2
CONTIG-012203	256	6	21	8	0
CONTIG-012204	152	7	12	36	0
CONTIG-012205	282	7	17	36	0
CONTIG-012206	474	39	428	626	2
CONTIG-012211	226	17	60	151	0
CONTIG-012212	435	23	475	212	6
CONTIG-012213	693	17	113	270	10
CONTIG-012214	1242	27	127	1728	0
CONTIG-012215	64	7	10	0	0
CONTIG-012216	245	26	152	226	0
CONTIG-012221	851	13	81	202	0
CONTIG-012222	97	11	11	29	0
CONTIG-012223	342	16	44	101	0
CONTIG-012224	294	26	28	394	0
CONTIG-012225	424	21	43	272	0
CONTIG-012226	433	62	247	589	6
CONTIG-012227	178	13	106	37	0
CONTIG-012228	266	11	35	26	0
CONTIG-012229	88	8	0	14	0
CONTIG-012230	322	7	17	38	0
CONTIG-012231	528	26	410	532	0
CONTIG-012232	55	1889	368	24	2063

CONTIG-012238	936	36	146	2079	0
CONTIG-012239	157	14	7	48	0
CONTIG-012240	667	22	68	637	2
CONTIG-012241	300	10	105	83	0
CONTIG-012242	57	301	135	335	15
CONTIG-012243	721	22	107	743	0
CONTIG-012244	265	14	0	174	0
CONTIG-012245	512	19	155	420	0
CONTIG-012246	60	24	149	4	0
CONTIG-012247	541	36	301	611	0
CONTIG-012248	66	854	37	1872	0
CONTIG-012249	170	11	31	24	0
CONTIG-012250	302	11	19	18	0
CONTIG-012251	122	61	108	71	2
CONTIG-012252	61	18	68	14	0
CONTIG-012253	131	18	33	67	0
CONTIG-012254	201	8	0	68	0
CONTIG-012255	43	19	7	23	0
CONTIG-012256	86	20	174	0	0
CONTIG-012257	382	23	306	150	0
CONTIG-012258	149	8	14	45	0
CONTIG-012259	138	5	12	8	0
CONTIG-012260	164	7	15	35	0
CONTIG-012261	63	28	92	40	0
CONTIG-012262	443	27	281	526	0
CONTIG-012263	48	316	755	321	0
CONTIG-012264	220	6	12	32	0
CONTIG-012265	150	14	158	0	6
CONTIG-012266	429	13	36	72	0
CONTIG-012270	193	65	331	494	4
CONTIG-012271	129	6	32	15	0
CONTIG-012272	390	15	176	147	2
CONTIG-012274	236	13	14	70	4
CONTIG-012275	1313	26	753	745	19
CONTIG-012280	799	53	280	1278	66
CONTIG-012281	69	13	34	7	0
CONTIG-012282	745	41	312	636	18
CONTIG-012283	65	17	11	50	0
CONTIG-012284	542	285	810	7425	525
CONTIG-012287	371	7	10	69	0
CONTIG-012288	260	14	107	159	0
CONTIG-012289	467	20	139	177	0
CONTIG-012290	611	29	254	537	7
CONTIG-012291	65	8	8	16	0
CONTIG-012292	1107	21	162	1001	0
CONTIG-012293	470	8	17	148	0
CONTIG-012294	561	34	59	773	8

CONTIG-012295	1277	17	83	458	42
CONTIG-012300	459	13	92	185	6
CONTIG-012301	666	8	25	155	0
CONTIG-012302	436	20	172	86	19
CONTIG-012303	466	15	51	104	4
CONTIG-012304	149	12	20	82	0
CONTIG-012305	656	14	50	301	0
CONTIG-012306	127	13	95	24	0
CONTIG-012308	71	9	53	2	0
CONTIG-012309	131	11	35	33	0
CONTIG-012310	138	210	430	394	76
CONTIG-012319	693	16	58	530	2
CONTIG-012320	119	25	22	124	0
CONTIG-012321	293	161	142	1539	239
CONTIG-012322	327	96	171	473	25
CONTIG-012323	430	17	63	283	0
CONTIG-012324	981	42	480	1299	20
CONTIG-012325	466	9	34	98	2
CONTIG-012326	239	7	10	36	0
CONTIG-012327	134	386	266	808	35
CONTIG-012329	188	5	10	28	0
CONTIG-012330	158	9	27	52	0
CONTIG-012331	62	3	2	5	0
CONTIG-012332	273	10	7	55	2
CONTIG-012333	882	13	114	336	2
CONTIG-012334	261	53	118	513	2
CONTIG-012335	256	7	5	43	0
CONTIG-012336	554	19	69	303	2
CONTIG-012338	1202	22	85	1022	2
CONTIG-012339	167	62	131	344	0
CONTIG-012340	192	72	125	287	7
CONTIG-012341	118	6	4	16	0
CONTIG-012342	171	11	72	27	0
CONTIG-012343	468	20	23	400	4
CONTIG-012344	999	47	816	1181	4
CONTIG-012345	615	31	136	794	0
CONTIG-012346	101	11	13	12	0
CONTIG-012347	228	9	38	28	0
CONTIG-012348	396	22	68	169	5
CONTIG-012349	296	16	126	120	0
CONTIG-012350	285	88	168	953	91
CONTIG-012351	283	12	31	73	0
CONTIG-012352	135	7	27	31	0
CONTIG-012353	606	36	199	598	23
CONTIG-012354	280	134	156	1394	149
CONTIG-012356	64	450	166	437	0
CONTIG-012357	430	9	47	95	2

CONTIG-012358	173	5	3	8	0
CONTIG-012359	323	20	17	169	17
CONTIG-012361	458	112	47	88	0
CONTIG-012362	103	18	156	6	0
CONTIG-012371	136	11	6	69	0
CONTIG-012374	486	11	28	177	0
CONTIG-012375	105	6	22	9	0
CONTIG-012376	704	14	180	384	2
CONTIG-012377	128	3	2	0	0
CONTIG-012378	64	11	36	9	0
CONTIG-012380	394	23	51	382	9
CONTIG-012381	382	19	7	2	0
CONTIG-012383	82	432	486	1256	57
CONTIG-012384	542	32	400	462	2
CONTIG-012385	819	17	59	589	2
CONTIG-012390	112	3	3	2	0
CONTIG-012391	144	10	11	51	0
CONTIG-012392	373	28	106	276	9
CONTIG-012393	355	19	503	19	0
CONTIG-012396	59	18	75	0	0
CONTIG-012397	307	22	327	214	0
CONTIG-012401	444	34	163	765	0
CONTIG-012402	383	34	42	372	25
CONTIG-012403	106	4	4	8	0
CONTIG-012404	203	11	36	99	0
CONTIG-012405	295	12	135	47	0
CONTIG-012406	80	296	222	327	67
CONTIG-012407	125	13	3	49	0
CONTIG-012409	155	14	22	49	2
CONTIG-012410	71	426	124	562	3
CONTIG-012411	1006	120	131	7712	2
CONTIG-012412	853	23	110	1134	0
CONTIG-012413	188	22	25	125	4
CONTIG-012414	86	7	17	16	0
CONTIG-012415	399	23	541	42	2
CONTIG-012416	116	77	13	203	17
CONTIG-012417	218	12	54	63	0
CONTIG-012420	299	133	397	1372	0
CONTIG-012421	259	13	55	27	0
CONTIG-012422	817	21	161	611	2
CONTIG-012423	947	32	48	1115	27
CONTIG-012424	48	116	6	301	0
CONTIG-012425	39	445	7	304	0
CONTIG-012426	404	35	116	428	6
CONTIG-012427	741	27	82	580	2
CONTIG-012428	329	22	285	45	0
CONTIG-012429	271	11	22	86	0

CONTIG-012430	149	9	70	19	0
CONTIG-012431	460	10	16	120	0
CONTIG-012435	99	20	26	62	0
CONTIG-012436	252	22	92	201	0
CONTIG-012437	186	7	23	32	0
CONTIG-012438	335	19	27	159	4
CONTIG-012439	209	47	481	221	0
CONTIG-012440	672	18	65	234	2
CONTIG-012441	412	22	121	289	4
CONTIG-012442	118	125	72	625	0
CONTIG-012444	1193	33	353	835	32
CONTIG-012446	191	170	38	1590	2
CONTIG-012447	342	11	22	118	2
CONTIG-012449	41	363	135	182	36
CONTIG-012450	84	10	14	5	2
CONTIG-012451	294	30	74	331	10
CONTIG-012452	61	6	3	10	0
CONTIG-012453	97	4	3	12	0
CONTIG-012454	440	48	365	556	6
CONTIG-012455	283	17	96	127	0
CONTIG-012456	399	9	29	133	0
CONTIG-012457	497	22	90	284	12
CONTIG-012458	194	16	68	54	2
CONTIG-012459	284	21	84	195	0
CONTIG-012460	786	38	263	1083	2
CONTIG-012461	120	13	61	32	0
CONTIG-012462	321	8	62	40	0
CONTIG-012464	164	6	2	27	2
CONTIG-012465	72	7	35	0	2
CONTIG-012466	303	25	207	196	0
CONTIG-012467	260	40	2	0	0
CONTIG-012468	104	7	44	13	0
CONTIG-012469	464	11	26	159	0
CONTIG-012471	44	739	203	555	36
CONTIG-012472	359	11	23	108	0
CONTIG-012473	796	20	65	463	11
CONTIG-012474	59	3	3	0	0
CONTIG-012475	102	25	92	20	0
CONTIG-012476	120	7	7	24	0
CONTIG-012477	307	8	2	75	0
CONTIG-012478	196	36	58	172	7
CONTIG-012479	211	12	70	79	0
CONTIG-012488	634	158	373	2366	437
CONTIG-012489	700	53	390	824	25
CONTIG-012490	339	58	193	249	13
CONTIG-012491	524	10	43	133	2
CONTIG-012492	81	351	75	1030	109

CONTIG-012493	310	11	18	86	2
CONTIG-012494	75	700	204	1973	25
CONTIG-012495	1186	18	116	560	4
CONTIG-012496	538	28	103	383	0
CONTIG-012497	61	10	41	0	0
CONTIG-012498	121	8	2	30	0
CONTIG-012499	453	20	40	279	2
CONTIG-012500	675	20	353	457	0
CONTIG-012501	93	834	237	1115	312
CONTIG-012502	358	25	107	211	0
CONTIG-012503	139	6	2	17	0
CONTIG-012505	602	27	164	601	7
CONTIG-012506	290	16	76	194	0
CONTIG-012507	202	14	43	40	0
CONTIG-012508	291	57	307	630	2
CONTIG-012509	312	32	14	263	4
CONTIG-012510	293	23	111	159	2
CONTIG-012511	375	49	284	623	13
CONTIG-012513	240	9	15	44	0
CONTIG-012514	1298	27	109	852	20
CONTIG-012515	145	4	4	15	0
CONTIG-012516	79	13	48	27	0
CONTIG-012517	467	16	62	224	0
CONTIG-012518	815	29	212	379	12
CONTIG-012519	461	13	50	88	2
CONTIG-012520	748	19	314	394	2
CONTIG-012521	450	23	138	242	14
CONTIG-012524	152	7	16	33	0
CONTIG-012527	107	6	28	0	0
CONTIG-012528	82	17	60	7	0
CONTIG-012529	363	15	169	168	0
CONTIG-012530	952	30	29	1485	0
CONTIG-012531	476	21	73	186	0
CONTIG-012532	663	43	333	1037	6
CONTIG-012533	84	13	62	15	0
CONTIG-012534	640	24	136	343	28
CONTIG-012535	219	16	20	132	4
CONTIG-012536	391	51	101	605	0
CONTIG-012537	1109	30	145	1946	0
CONTIG-012538	46	634	321	570	56
CONTIG-012539	75	63	40	52	77
CONTIG-012541	70	8	8	9	0
CONTIG-012542	518	23	118	316	0
CONTIG-012544	74	19	62	11	0
CONTIG-012549	823	23	325	621	4
CONTIG-012551	110	103	703	190	0
CONTIG-012552	891	44	365	1944	2

CONTIG-012553	73	6	2	15	0
CONTIG-012554	206	29	194	177	2
CONTIG-012555	45	1097	203	319	185
CONTIG-012556	261	16	27	118	0
CONTIG-012565	103	7	11	7	0
CONTIG-012567	229	16	27	74	2
CONTIG-012568	152	8	9	4	0
CONTIG-012569	101	44	21	202	0
CONTIG-012570	383	14	9	0	48
CONTIG-012571	343	50	23	621	42
CONTIG-012572	324	46	15	504	0
CONTIG-012573	280	15	8	220	0
CONTIG-012574	342	20	59	136	8
CONTIG-012575	394	10	40	158	0
CONTIG-012576	319	7	11	98	0
CONTIG-012577	461	28	19	31	0
CONTIG-012578	1004	38	68	958	53
CONTIG-012579	299	20	55	182	4
CONTIG-012580	497	12	62	201	0
CONTIG-012581	106	8	14	7	0
CONTIG-012582	291	90	469	735	12
CONTIG-012583	65	47	27	156	0
CONTIG-012584	76	14	17	30	2
CONTIG-012586	792	17	186	380	0
CONTIG-012587	803	18	174	252	10
CONTIG-012588	163	17	9	97	0
CONTIG-012589	69	9	2	27	0
CONTIG-012590	133	8	0	27	0
CONTIG-012591	301	33	119	391	0
CONTIG-012592	1025	15	117	325	6
CONTIG-012593	114	10	15	26	2
CONTIG-012594	715	20	57	321	5
CONTIG-012595	122	13	38	26	0
CONTIG-012596	106	17	134	3	0
CONTIG-012611	382	20	8	23	0
CONTIG-012612	72	5	9	14	0
CONTIG-012613	221	7	13	43	0
CONTIG-012615	540	18	53	108	11
CONTIG-012616	964	26	170	864	18
CONTIG-012617	69	10	8	27	0
CONTIG-012618	379	20	235	216	0
CONTIG-012619	1221	29	207	1007	12
CONTIG-012620	357	13	118	137	0
CONTIG-012621	199	22	28	177	0
CONTIG-012622	488	37	231	530	9
CONTIG-012624	273	7	11	22	0
CONTIG-012625	345	13	11	117	6

CONTIG-012626	70	5	4	4	0
CONTIG-012627	204	47	239	304	0
CONTIG-012628	638	31	152	1063	0
CONTIG-012629	180	13	6	100	0
CONTIG-012630	171	163	558	1320	0
CONTIG-012631	80	16	8	42	6
CONTIG-012636	757	19	126	751	0
CONTIG-012637	104	15	10	12	3
CONTIG-012638	222	5	18	22	0
CONTIG-012639	81	6	6	21	0
CONTIG-012640	361	30	43	221	5
CONTIG-012641	45	26	9	28	0
CONTIG-012642	110	6	7	25	0
CONTIG-012643	119	5	0	8	0
CONTIG-012644	306	21	44	286	0
CONTIG-012645	161	6	18	28	0
CONTIG-012646	767	30	256	1196	0
CONTIG-012647	363	53	291	855	6
CONTIG-012648	137	70	96	518	4
CONTIG-012649	399	23	69	261	0
CONTIG-012650	236	8	14	40	0
CONTIG-012651	220	11	51	15	0
CONTIG-012652	352	54	100	809	23
CONTIG-012653	159	24	18	94	0
CONTIG-012654	189	15	167	48	0
CONTIG-012655	88	7	9	12	0
CONTIG-012656	484	39	467	363	6
CONTIG-012657	152	69	118	82	4
CONTIG-012658	79	4	2	4	0
CONTIG-012659	1879	66	648	1523	601
CONTIG-012660	77	5	9	2	0
CONTIG-012662	84	8	9	0	0
CONTIG-012663	993	75	324	3910	7
CONTIG-012664	412	23	117	316	4
CONTIG-012665	126	6	12	19	0
CONTIG-012666	111	85	192	302	0
CONTIG-012667	178	4	2	18	0
CONTIG-012669	38	581	367	207	2
CONTIG-012678	156	3	0	19	0
CONTIG-012679	594	50	583	676	25
CONTIG-012680	433	19	104	50	0
CONTIG-012681	569	22	52	716	0
CONTIG-012688	113	14	19	45	0
CONTIG-012689	185	5	9	11	0
CONTIG-012690	406	33	225	396	3
CONTIG-012691	314	7	0	76	0
CONTIG-012692	283	11	35	125	0

CONTIG-012694	343	45	215	688	0
CONTIG-012695	62	7	0	15	0
CONTIG-012696	967	22	213	760	6
CONTIG-012697	647	29	93	760	6
CONTIG-012698	113	17	16	33	0
CONTIG-012699	68	4	0	16	0
CONTIG-012700	57	92	7	168	2
CONTIG-012702	947	26	333	963	0
CONTIG-012703	104	9	2	25	0
CONTIG-012704	261	21	85	86	2
CONTIG-012705	572	57	147	1367	2
CONTIG-012706	357	12	47	119	0
CONTIG-012707	149	35	108	127	0
CONTIG-012708	1098	23	271	815	8
CONTIG-012709	1310	33	55	939	65
CONTIG-012710	605	15	357	309	0
CONTIG-012712	411	11	20	199	0
CONTIG-012713	325	42	169	324	6
CONTIG-012714	150	27	28	225	0
CONTIG-012715	380	101	393	889	52
CONTIG-012716	464	25	303	250	0
CONTIG-012717	442	75	52	1702	9
CONTIG-012718	785	21	44	619	7
CONTIG-012719	339	14	123	123	0
CONTIG-012725	76	17	16	12	0
CONTIG-012726	822	36	158	1284	0
CONTIG-012727	300	12	165	61	2
CONTIG-012728	709	16	75	375	0
CONTIG-012729	60	4	3	3	0
CONTIG-012730	513	8	42	91	0
CONTIG-012731	189	20	63	167	0
CONTIG-012733	73	3	5	4	0
CONTIG-012734	90	8	9	21	0
CONTIG-012735	1374	17	164	569	0
CONTIG-012736	267	8	24	45	0
CONTIG-012744	562	21	79	234	8
CONTIG-012745	663	27	308	463	4
CONTIG-012746	153	6	11	8	0
CONTIG-012747	88	181	332	569	2
CONTIG-012748	1201	27	357	1107	4
CONTIG-012750	60	3	3	3	0
CONTIG-012751	69	30	121	2	0
CONTIG-012752	356	18	55	241	0
CONTIG-012753	357	15	6	256	0
CONTIG-012759	2318	76	259	3515	1024
CONTIG-012760	241	73	320	189	58
CONTIG-012761	365	61	72	369	2

CONTIG-012766	202	11	49	57	0
CONTIG-012767	373	15	221	116	0
CONTIG-012768	199	37	302	220	0
CONTIG-012769	69	8	35	0	0
CONTIG-012770	79	61	93	75	0
CONTIG-012771	61	11	57	0	0
CONTIG-012772	888	19	237	824	0
CONTIG-012773	896	18	123	479	10
CONTIG-012778	114	9	16	37	0
CONTIG-012779	287	12	30	87	0
CONTIG-012780	96	11	17	5	0
CONTIG-012782	676	34	29	287	120
CONTIG-012783	144	10	19	16	0
CONTIG-012784	242	15	102	74	4
CONTIG-012785	528	6	9	115	0
CONTIG-012786	281	91	18	9	0
CONTIG-012787	927	85	249	33	0
CONTIG-012788	147	379	64	2865	5
CONTIG-012789	394	9	5	98	0
CONTIG-012790	221	8	4	45	2
CONTIG-012791	86	586	377	1547	155
CONTIG-012793	41	708	299	556	34
CONTIG-012794	107	9	12	33	0
CONTIG-012795	465	9	27	121	2
CONTIG-012796	262	19	17	180	2
CONTIG-012797	234	28	162	20	0
CONTIG-012798	90	6	2	17	0
CONTIG-012799	170	186	1425	161	0
CONTIG-012802	84	7	0	12	0
CONTIG-012803	90	8	8	27	0
CONTIG-012804	217	50	151	298	12
CONTIG-012805	147	10	0	60	0
CONTIG-012806	253	9	25	43	2
CONTIG-012807	435	15	65	222	4
CONTIG-012808	1173	34	87	1829	0
CONTIG-012809	58	5	3	3	0
CONTIG-012810	500	13	77	183	0
CONTIG-012811	714	46	499	1144	6
CONTIG-012812	91	53	43	241	0
CONTIG-012813	1079	10	23	343	6
CONTIG-012814	264	24	217	151	0
CONTIG-012815	219	32	89	173	0
CONTIG-012816	552	12	19	206	4
CONTIG-012817	1101	27	155	1240	5
CONTIG-012818	664	20	83	405	0
CONTIG-012819	635	32	198	290	23
CONTIG-012820	1079	26	423	959	54

CONTIG-012821	113	6	3	28	0
CONTIG-012822	110	16	0	59	0
CONTIG-012824	168	77	87	721	0
CONTIG-012825	156	10	18	18	0
CONTIG-012826	317	9	18	60	0
CONTIG-012827	103	7	9	21	0
CONTIG-012828	173	458	397	3419	26
CONTIG-012829	192	9	21	8	0
CONTIG-012831	209	11	24	70	2
CONTIG-012832	374	10	19	75	7
CONTIG-012833	110	9	2	36	0
CONTIG-012834	161	11	27	31	3
CONTIG-012835	782	17	131	405	0
CONTIG-012836	74	18	33	19	0
CONTIG-012837	68	129	350	85	4
CONTIG-012838	61	13	15	0	0
CONTIG-012840	323	13	40	122	2
CONTIG-012841	150	26	97	130	0
CONTIG-012842	431	14	16	25	0
CONTIG-012843	79	13	33	0	0
CONTIG-012844	87	5	0	4	0
CONTIG-012846	163	97	71	405	27
CONTIG-012847	1502	16	82	1241	0
CONTIG-012848	613	19	216	435	0
CONTIG-012849	104	3	3	8	0
CONTIG-012850	412	13	27	145	2
CONTIG-012851	470	14	146	202	0
CONTIG-012853	159	8	16	32	0
CONTIG-012854	739	14	101	273	0
CONTIG-012855	775	46	301	1119	13
CONTIG-012856	158	9	0	55	0
CONTIG-012857	124	536	573	2039	141
CONTIG-012858	84	8	26	10	0
CONTIG-012859	91	26	107	29	0
CONTIG-012864	41	331	22	156	0
CONTIG-012866	113	5	18	13	0
CONTIG-012867	265	22	79	219	0
CONTIG-012868	129	17	69	8	2
CONTIG-012869	65	11	10	9	0
CONTIG-012870	344	24	2	0	23
CONTIG-012871	236	35	59	408	0
CONTIG-012872	100	547	413	968	112
CONTIG-012874	81	115	216	250	6
CONTIG-012876	204	59	38	512	5
CONTIG-012877	403	25	243	269	0
CONTIG-012878	107	12	11	37	0
CONTIG-012879	165	18	24	102	2

CONTIG-012880	386	19	101	159	0
CONTIG-012881	325	15	25	124	0
CONTIG-012882	180	6	9	40	0
CONTIG-012883	322	35	300	174	11
CONTIG-012884	182	6	0	30	0
CONTIG-012885	266	19	112	17	48
CONTIG-012888	156	87	332	502	0
CONTIG-012889	381	19	196	197	0
CONTIG-012891	55	884	506	367	62
CONTIG-012892	675	13	122	322	0
CONTIG-012893	571	14	209	256	2
CONTIG-012895	247	6	2	23	0
CONTIG-012896	81	9	54	0	0
CONTIG-012897	75	9	16	0	0
CONTIG-012898	870	27	131	1052	0
CONTIG-012899	103	52	258	29	0
CONTIG-012900	255	9	27	26	2
CONTIG-012901	560	35	256	545	8
CONTIG-012903	120	11	8	61	0
CONTIG-012904	496	21	151	344	0
CONTIG-012905	165	19	84	97	0
CONTIG-012906	323	4	7	25	0
CONTIG-012907	787	10	59	395	0
CONTIG-012908	102	7	19	3	0
CONTIG-012909	785	33	158	90	2
CONTIG-012910	262	7	23	48	0
CONTIG-012911	238	6	6	36	0
CONTIG-012912	163	6	16	25	0
CONTIG-012913	226	14	10	90	0
CONTIG-012914	204	4	7	21	0
CONTIG-012917	525	44	182	1138	2
CONTIG-012918	91	6	4	10	0
CONTIG-012919	548	23	145	206	0
CONTIG-012920	286	13	58	99	5
CONTIG-012921	109	10	23	37	0
CONTIG-012922	346	11	13	52	6
CONTIG-012923	583	17	49	492	0
CONTIG-012924	119	7	30	13	0
CONTIG-012925	55	608	111	1780	3
CONTIG-012926	261	9	31	64	0
CONTIG-012927	71	9	6	21	0
CONTIG-012928	172	13	122	32	0
CONTIG-012929	346	42	252	326	12
CONTIG-012930	88	7	13	18	0
CONTIG-012931	88	17	23	57	0
CONTIG-012932	499	63	104	1181	12
CONTIG-012933	1721	56	356	4769	4

CONTIG-012934	1203	22	88	566	16
CONTIG-012935	520	33	166	621	6
CONTIG-012936	89	4	0	6	0
CONTIG-012937	100	6	13	4	0
CONTIG-012938	282	447	780	2936	486
CONTIG-012939	549	16	83	356	0
CONTIG-012940	428	203	337	4994	0
CONTIG-012941	360	277	573	3467	313
CONTIG-012942	255	13	34	37	0
CONTIG-012943	535	71	219	943	19
CONTIG-012944	714	37	59	776	13
CONTIG-012945	101	4	5	5	0
CONTIG-012946	339	16	11	189	0
CONTIG-012947	315	71	705	519	15
CONTIG-012948	475	8	33	101	2
CONTIG-012949	1379	36	593	1822	25
CONTIG-012950	109	3	2	9	0
CONTIG-012953	90	3	3	2	0
CONTIG-012954	404	33	257	350	6
CONTIG-012955	868	44	440	1332	6
CONTIG-012956	116	9	16	40	0
CONTIG-012957	243	8	18	18	6
CONTIG-012959	482	19	31	161	0
CONTIG-012960	50	595	189	814	91
CONTIG-012968	136	25	0	61	0
CONTIG-012969	75	6	4	22	0
CONTIG-012970	333	76	427	367	22
CONTIG-012971	384	9	34	103	0
CONTIG-012972	364	11	85	82	0
CONTIG-012973	326	9	21	28	2
CONTIG-012974	173	13	12	32	0
CONTIG-012975	82	3	4	8	0
CONTIG-012976	555	17	48	226	0
CONTIG-012977	1322	27	557	575	50
CONTIG-012978	1401	23	210	1127	9
CONTIG-012979	140	62	111	235	11
CONTIG-012980	70	434	128	984	62
CONTIG-012981	121	407	303	1338	75
CONTIG-012982	583	19	78	484	0
CONTIG-012983	177	105	85	1021	0
CONTIG-012984	148	5	8	18	0
CONTIG-012985	115	12	8	52	0
CONTIG-012986	199	39	161	129	0
CONTIG-012987	194	27	15	161	0
CONTIG-012988	295	42	106	620	0
CONTIG-012989	147	16	10	62	0
CONTIG-012990	122	53	29	298	0

CONTIG-012991	376	11	38	68	2
CONTIG-012992	303	16	61	151	0
CONTIG-012993	366	13	98	74	2
CONTIG-012994	283	11	21	110	0
CONTIG-012995	107	40	23	76	0
CONTIG-012996	996	116	533	4097	633
CONTIG-012997	83	4	6	6	0
CONTIG-012998	364	8	5	63	0
CONTIG-012999	1284	17	152	650	4
CONTIG-013000	194	9	10	42	0
CONTIG-013001	643	17	36	515	0
CONTIG-013002	109	10	4	54	0
CONTIG-013003	66	23	51	15	0
CONTIG-013004	91	6	4	4	0
CONTIG-013005	104	6	4	13	2
CONTIG-013006	221	12	5	73	0
CONTIG-013007	170	50	32	530	0
CONTIG-013008	193	54	405	172	0
CONTIG-013009	391	20	36	246	0
CONTIG-013010	144	7	8	21	0
CONTIG-013011	238	22	25	243	0
CONTIG-013012	421	22	156	295	2
CONTIG-013013	1006	43	78	986	7
CONTIG-013014	495	18	37	423	0
CONTIG-013015	79	7	5	22	0
CONTIG-013017	177	8	5	55	0
CONTIG-013018	47	719	139	1144	91
CONTIG-013019	522	146	63	3993	2
CONTIG-013020	595	30	185	673	0
CONTIG-013021	257	6	17	31	2
CONTIG-013022	217	7	20	32	0
CONTIG-013023	115	10	25	34	0
CONTIG-013024	619	23	59	777	0
CONTIG-013025	237	12	7	110	2
CONTIG-013026	278	10	56	66	0
CONTIG-013027	435	21	174	95	2
CONTIG-013028	546	21	169	400	2
CONTIG-013029	61	3	2	0	0
CONTIG-013030	284	21	49	190	8
CONTIG-013031	199	9	34	65	0
CONTIG-013032	62	13	21	0	2
CONTIG-013033	187	20	152	0	47
CONTIG-013034	408	22	67	288	6
CONTIG-013035	569	17	466	182	0
CONTIG-013036	268	13	20	108	0
CONTIG-013037	80	4	0	6	0
CONTIG-013038	123	15	26	62	0

CONTIG-013039	58	46	48	61	8
CONTIG-013041	106	5	8	4	0
CONTIG-013042	132	22	221	41	0
CONTIG-013043	454	20	408	162	0
CONTIG-013044	368	14	45	109	4
CONTIG-013046	88	33	18	34	0
CONTIG-013047	436	11	62	167	0
CONTIG-013048	325	32	267	146	15
CONTIG-013049	246	12	9	72	5
CONTIG-013053	240	13	42	114	0
CONTIG-013054	129	10	11	34	0
CONTIG-013055	65	195	59	562	4
CONTIG-013056	100	8	5	25	0
CONTIG-013057	793	20	77	441	2
CONTIG-013058	123	7	0	42	0
CONTIG-013059	345	13	27	129	0
CONTIG-013060	60	36	49	58	2
CONTIG-013061	970	18	55	507	15
CONTIG-013062	362	59	60	57	2
CONTIG-013063	72	18	46	0	0
CONTIG-013064	1323	35	423	2659	0
CONTIG-013065	174	11	2	63	0
CONTIG-013066	403	17	154	102	4
CONTIG-013068	1482	34	309	1279	18
CONTIG-013069	81	5	0	12	0
CONTIG-013070	158	7	16	13	0
CONTIG-013071	50	1633	200	1569	80
CONTIG-013072	160	6	20	39	0
CONTIG-013073	361	200	489	1725	250
CONTIG-013074	60	10	6	13	2
CONTIG-013075	374	16	141	143	0
CONTIG-013076	746	17	113	363	2
CONTIG-013077	123	8	7	23	0
CONTIG-013079	107	18	8	80	0
CONTIG-013080	237	46	126	328	0
CONTIG-013081	1211	17	214	958	0
CONTIG-013082	900	28	238	652	25
CONTIG-013083	421	232	683	757	84
CONTIG-013084	838	16	234	280	2
CONTIG-013085	125	5	3	11	0
CONTIG-013087	50	35	17	28	0
CONTIG-013088	122	5	30	2	0
CONTIG-013089	1739	45	392	2721	4
CONTIG-013092	359	16	69	251	0
CONTIG-013093	157	20	13	92	0
CONTIG-013094	273	31	31	207	0
CONTIG-013095	65	12	10	17	0

CONTIG-013096	1261	25	267	1203	0
CONTIG-013097	543	188	193	5042	51
CONTIG-013098	81	2	2	0	0
CONTIG-013099	342	26	72	372	2
CONTIG-013104	82	262	59	856	6
CONTIG-013106	71	4	4	8	0
CONTIG-013107	201	8	52	31	2
CONTIG-013108	689	15	75	268	2
CONTIG-013109	702	51	217	997	11
CONTIG-013110	167	4	2	14	0
CONTIG-013111	911	10	128	255	0
CONTIG-013112	310	9	6	74	6
CONTIG-013115	285	37	101	398	2
CONTIG-013116	364	32	405	237	2
CONTIG-013117	1942	20	113	1221	17
CONTIG-013118	603	33	140	226	0
CONTIG-013119	185	10	121	33	0
CONTIG-013120	100	94	132	217	2
CONTIG-013121	263	7	14	52	2
CONTIG-013124	847	61	94	1671	56
CONTIG-013125	649	24	123	399	17
CONTIG-013126	581	20	199	313	4
CONTIG-013127	339	13	10	178	0
CONTIG-013128	59	5	7	5	0
CONTIG-013129	175	9	4	37	2
CONTIG-013130	653	14	155	307	0
CONTIG-013131	251	14	189	51	0
CONTIG-013132	96	11	12	32	0
CONTIG-013133	287	13	25	163	0
CONTIG-013134	1944	21	110	1530	7
CONTIG-013135	126	3	2	5	0
CONTIG-013136	336	12	13	183	0
CONTIG-013137	68	8	0	15	0
CONTIG-013138	679	14	69	122	2
CONTIG-013139	55	132	16	137	7
CONTIG-013140	298	27	447	133	0
CONTIG-013141	401	56	388	858	0
CONTIG-013142	72	4	9	2	2
CONTIG-013143	167	6	4	24	0
CONTIG-013144	1437	55	461	1753	78
CONTIG-013145	99	24	54	18	0
CONTIG-013146	80	24	5	19	0
CONTIG-013147	392	15	200	161	0
CONTIG-013148	446	23	220	190	2
CONTIG-013149	68	11	10	14	0
CONTIG-013151	236	100	1345	94	9
CONTIG-013152	296	7	5	43	2

CONTIG-013153	409	115	13	2	401
CONTIG-013154	1050	26	84	477	2
CONTIG-013155	396	25	52	234	6
CONTIG-013156	907	40	97	886	28
CONTIG-013157	48	514	292	188	2
CONTIG-013158	295	5	2	30	0
CONTIG-013161	481	17	72	275	2
CONTIG-013162	220	19	15	24	0
CONTIG-013163	391	20	191	228	0
CONTIG-013164	488	29	31	202	0
CONTIG-013165	185	6	31	31	0
CONTIG-013166	104	6	2	25	0
CONTIG-013167	75	4	0	9	0
CONTIG-013168	210	53	12	628	0
CONTIG-013169	180	10	36	48	0
CONTIG-013171	106	381	102	2237	46
CONTIG-013172	97	3	0	0	0
CONTIG-013173	1816	26	205	1937	20
CONTIG-013174	533	43	192	862	7
CONTIG-013175	51	203	46	454	0
CONTIG-013176	391	17	120	73	0
CONTIG-013178	49	661	100	907	8
CONTIG-013179	98	5	10	8	0
CONTIG-013180	57	765	561	840	49
CONTIG-013181	514	316	1191	6647	42
CONTIG-013182	753	13	193	270	2
CONTIG-013183	167	33	27	249	0
CONTIG-013184	211	10	5	103	0
CONTIG-013185	254	36	15	210	4
CONTIG-013186	112	8	21	19	0
CONTIG-013187	59	28	31	62	0
CONTIG-013188	65	74	161	0	0
CONTIG-013189	1004	24	217	1026	4
CONTIG-013190	55	896	291	1488	132
CONTIG-013191	143	6	13	27	0
CONTIG-013192	452	32	211	520	0
CONTIG-013193	345	10	31	61	2
CONTIG-013194	229	16	9	135	3
CONTIG-013195	424	29	66	357	9
CONTIG-013197	97	4	6	3	0
CONTIG-013198	364	7	12	47	0
CONTIG-013203	96	57	114	185	0
CONTIG-013204	88	525	24	2612	0
CONTIG-013205	132	8	60	2	0
CONTIG-013206	1145	58	399	2430	144
CONTIG-013207	63	5	8	6	0
CONTIG-013208	240	11	23	84	0

CONTIG-013209	78	5	0	4	0
CONTIG-013210	649	24	40	402	8
CONTIG-013211	166	10	24	44	0
CONTIG-013212	224	14	24	100	0
CONTIG-013213	355	13	55	118	0
CONTIG-013214	279	9	59	36	0
CONTIG-013215	199	13	16	115	0
CONTIG-013216	781	38	49	382	14
CONTIG-013217	61	4	7	2	0
CONTIG-013218	402	19	24	347	3
CONTIG-013219	325	16	36	124	6
CONTIG-013220	246	9	116	39	0
CONTIG-013221	785	53	45	50	0
CONTIG-013222	73	43	85	76	0
CONTIG-013223	923	20	143	555	13
CONTIG-013226	245	38	240	118	7
CONTIG-013227	137	10	4	51	0
CONTIG-013231	240	10	15	118	0
CONTIG-013232	495	13	12	214	2
CONTIG-013233	510	20	227	402	0
CONTIG-013234	99	6	9	16	0
CONTIG-013235	64	5	6	4	0
CONTIG-013236	133	10	12	51	0
CONTIG-013238	61	11	4	18	0
CONTIG-013239	637	63	405	1808	2
CONTIG-013242	866	86	872	1704	42
CONTIG-013243	336	15	150	164	0
CONTIG-013253	462	7	41	90	0
CONTIG-013254	241	35	221	275	3
CONTIG-013255	875	29	31	1602	0
CONTIG-013256	678	14	75	280	2
CONTIG-013257	114	54	187	128	0
CONTIG-013258	280	134	280	1468	4
CONTIG-013259	1482	32	156	2067	10
CONTIG-013260	222	8	16	50	0
CONTIG-013261	630	23	333	366	0
CONTIG-013264	208	534	112	5781	0
CONTIG-013265	462	16	71	297	3
CONTIG-013266	231	12	56	86	0
CONTIG-013267	72	181	76	491	0
CONTIG-013268	647	27	354	552	12
CONTIG-013269	148	14	8	59	0
CONTIG-013270	66	4	4	2	0
CONTIG-013271	1837	71	553	8231	2
CONTIG-013272	878	280	257	13741	104
CONTIG-013273	340	14	147	74	0
CONTIG-013274	36	745	94	568	62

CONTIG-013275	86	8	11	17	0
CONTIG-013276	529	80	451	608	130
CONTIG-013279	44	18	0	13	0
CONTIG-013280	145	11	36	36	0
CONTIG-013281	921	37	167	939	31
CONTIG-013282	72	5	2	7	0
CONTIG-013283	728	228	220	2470	538
CONTIG-013284	51	59	5	150	0
CONTIG-013285	196	10	18	40	0
CONTIG-013286	887	26	156	800	6
CONTIG-013287	136	14	20	73	0
CONTIG-013293	428	29	262	325	2
CONTIG-013297	109	36	148	85	2
CONTIG-013298	1029	65	41	4035	0
CONTIG-013299	182	4	9	26	0
CONTIG-013300	252	17	97	179	0
CONTIG-013301	416	26	87	307	6
CONTIG-013302	269	12	90	87	0
CONTIG-013303	104	12	33	32	0
CONTIG-013304	688	14	229	180	4
CONTIG-013305	209	17	65	80	0
CONTIG-013306	63	3	2	2	0
CONTIG-013307	236	11	29	43	0
CONTIG-013308	166	34	22	52	0
CONTIG-013309	460	26	146	502	8
CONTIG-013310	204	25	46	226	0
CONTIG-013311	462	24	83	500	0
CONTIG-013312	149	5	9	17	0
CONTIG-013313	1008	46	251	1214	54
CONTIG-013314	145	8	4	32	0
CONTIG-013315	60	8	3	12	0
CONTIG-013320	1020	41	200	1102	93
CONTIG-013321	137	5	5	24	0
CONTIG-013322	80	2	4	4	0
CONTIG-013323	200	9	8	43	0
CONTIG-013324	211	17	64	68	0
CONTIG-013325	870	75	333	1756	77
CONTIG-013326	237	14	6	169	0
CONTIG-013327	183	20	112	105	0
CONTIG-013328	332	16	74	71	0
CONTIG-013329	872	17	139	234	13
CONTIG-013330	323	23	67	404	0
CONTIG-013331	1452	24	91	796	4
CONTIG-013332	71	17	4	16	0
CONTIG-013333	164	10	25	54	0
CONTIG-013335	638	19	178	243	4
CONTIG-013336	283	16	139	91	6

CONTIG-013337	135	5	2	31	0
CONTIG-013338	460	69	63	1257	22
CONTIG-013339	280	20	88	132	0
CONTIG-013340	245	374	72	1938	85
CONTIG-013341	276	7	25	44	0
CONTIG-013342	168	15	4	86	0
CONTIG-013343	251	46	197	388	2
CONTIG-013344	156	10	21	29	0
CONTIG-013345	346	6	22	78	0
CONTIG-013346	200	11	76	4	0
CONTIG-013347	74	7	6	16	0
CONTIG-013348	64	7	5	6	0
CONTIG-013349	69	4	3	8	0
CONTIG-013350	290	10	25	29	0
CONTIG-013351	746	13	86	291	5
CONTIG-013352	766	84	266	2007	66
CONTIG-013353	295	11	24	44	0
CONTIG-013354	61	5	0	2	0
CONTIG-013355	97	10	19	37	0
CONTIG-013358	141	6	0	0	0
CONTIG-013361	140	7	18	19	0
CONTIG-013363	499	29	166	141	33
CONTIG-013364	1311	38	734	1470	11
CONTIG-013365	160	9	27	27	0
CONTIG-013366	643	17	136	271	21
CONTIG-013375	145	6	7	18	0
CONTIG-013376	62	293	110	816	2
CONTIG-013377	87	4	11	6	0
CONTIG-013378	196	7	40	34	0
CONTIG-013379	72	4	2	8	0
CONTIG-013380	1503	27	320	1770	15
CONTIG-013381	202	19	123	17	0
CONTIG-013382	271	6	16	14	2
CONTIG-013383	253	8	2	64	0
CONTIG-013384	225	11	41	117	0
CONTIG-013385	317	12	17	111	0
CONTIG-013386	332	33	10	477	0
CONTIG-013387	899	29	29	61	0
CONTIG-013389	353	318	30	0	2
CONTIG-013390	789	47	521	1170	32
CONTIG-013391	974	13	54	346	6
CONTIG-013392	152	9	14	17	0
CONTIG-013393	65	12	32	2	0
CONTIG-013394	508	30	267	414	10
CONTIG-013395	79	289	41	245	0
CONTIG-013396	371	11	16	185	0
CONTIG-013397	136	9	11	24	0

CONTIG-013398	202	10	65	32	2
CONTIG-013399	65	135	141	177	33
CONTIG-013400	259	14	122	49	0
CONTIG-013401	645	29	49	617	19
CONTIG-013404	456	9	83	83	0
CONTIG-013405	82	10	8	0	0
CONTIG-013406	152	8	6	36	0
CONTIG-013407	174	44	555	40	2
CONTIG-013408	96	6	3	13	0
CONTIG-013409	477	9	26	87	2
CONTIG-013410	74	16	58	25	0
CONTIG-013411	379	42	224	498	2
CONTIG-013412	53	158	28	419	2
CONTIG-013413	93	5	0	0	0
CONTIG-013414	643	32	164	322	46
CONTIG-013415	191	9	13	56	0
CONTIG-013416	408	42	165	619	0
CONTIG-013417	635	11	48	235	4
CONTIG-013418	175	38	136	144	0
CONTIG-013419	620	14	77	259	4
CONTIG-013420	1064	35	178	987	33
CONTIG-013421	1001	48	184	2729	0
CONTIG-013422	134	59	65	179	17
CONTIG-013423	73	461	374	451	108
CONTIG-013424	87	13	24	40	0
CONTIG-013425	396	18	91	121	4
CONTIG-013426	805	8	128	125	2
CONTIG-013427	431	28	378	400	2
CONTIG-013428	195	42	476	79	0
CONTIG-013431	269	14	67	112	0
CONTIG-013432	516	16	26	326	0
CONTIG-013433	624	40	89	1436	0
CONTIG-013434	260	10	22	73	0
CONTIG-013436	264	17	49	140	0
CONTIG-013437	193	13	18	63	3
CONTIG-013438	86	5	8	7	0
CONTIG-013439	52	16	0	27	0
CONTIG-013440	298	16	84	94	0
CONTIG-013441	606	28	264	577	8
CONTIG-013442	66	19	22	39	0
CONTIG-013443	411	20	84	142	4
CONTIG-013444	227	29	138	190	0
CONTIG-013445	320	18	33	167	7
CONTIG-013446	109	7	29	8	0
CONTIG-013447	96	54	112	31	0
CONTIG-013448	180	13	14	41	0
CONTIG-013449	170	4	0	0	0

CONTIG-013450	94	7	16	10	0
CONTIG-013451	293	20	214	181	0
CONTIG-013452	373	25	55	333	0
CONTIG-013453	195	25	55	83	0
CONTIG-013454	165	85	243	485	2
CONTIG-013455	419	14	77	175	0
CONTIG-013456	129	33	144	91	4
CONTIG-013457	540	14	102	297	2
CONTIG-013458	226	8	17	54	0
CONTIG-013459	398	13	17	85	7
CONTIG-013460	898	20	160	336	7
CONTIG-013461	249	112	251	553	141
CONTIG-013462	123	5	16	13	0
CONTIG-013463	166	25	141	35	2
CONTIG-013466	80	13	18	15	0
CONTIG-013471	630	50	50	1089	100
CONTIG-013472	552	42	157	705	9
CONTIG-013476	196	9	4	43	5
CONTIG-013477	251	10	52	42	2
CONTIG-013478	202	22	409	23	0
CONTIG-013479	135	10	39	36	0
CONTIG-013484	85	7	15	6	0
CONTIG-013485	347	19	164	190	0
CONTIG-013486	802	23	396	596	5
CONTIG-013487	100	20	123	0	0
CONTIG-013488	237	73	135	384	9
CONTIG-013489	1173	64	173	1174	266
CONTIG-013490	112	22	160	22	0
CONTIG-013491	95	16	19	49	0
CONTIG-013492	117	6	0	34	0
CONTIG-013493	202	32	31	97	0
CONTIG-013494	295	12	19	66	0
CONTIG-013495	683	8	24	59	0
CONTIG-013496	577	14	58	357	2
CONTIG-013498	230	17	46	76	0
CONTIG-013499	142	21	45	70	4
CONTIG-013500	321	10	20	73	2
CONTIG-013503	508	199	269	6194	3
CONTIG-013504	525	10	31	215	0
CONTIG-013505	70	4	13	2	0
CONTIG-013508	303	16	26	221	0
CONTIG-013509	68	519	475	1391	8
CONTIG-013510	803	17	175	361	12
CONTIG-013512	315	22	43	107	2
CONTIG-013513	422	7	20	2	0
CONTIG-013514	279	6	14	51	0
CONTIG-013515	326	24	320	199	0

CONTIG-013516	346	15	22	189	7
CONTIG-013517	588	30	142	602	50
CONTIG-013518	147	12	36	48	0
CONTIG-013519	568	17	204	344	0
CONTIG-013520	389	11	6	216	0
CONTIG-013521	97	4	6	9	0
CONTIG-013522	667	41	280	1087	2
CONTIG-013523	301	10	94	91	0
CONTIG-013524	863	16	79	435	14
CONTIG-013525	101	9	3	4	0
CONTIG-013526	273	15	22	124	0
CONTIG-013527	155	26	37	54	0
CONTIG-013529	513	18	67	216	2
CONTIG-013532	142	14	6	73	0
CONTIG-013533	320	9	20	136	0
CONTIG-013534	1876	48	138	4197	24
CONTIG-013535	194	21	71	102	0
CONTIG-013536	256	10	19	63	0
CONTIG-013537	314	17	31	209	0
CONTIG-013538	1114	38	165	1155	0
CONTIG-013541	60	7	0	9	0
CONTIG-013542	141	8	35	11	0
CONTIG-013543	429	17	50	254	0
CONTIG-013544	1220	23	360	725	18
CONTIG-013546	1245	20	321	508	2
CONTIG-013547	85	21	160	5	0
CONTIG-013548	169	146	498	524	3
CONTIG-013550	507	24	76	608	0
CONTIG-013551	100	8	23	23	0
CONTIG-013553	70	12	8	2	0
CONTIG-013554	92	10	4	15	0
CONTIG-013555	644	34	229	779	8
CONTIG-013556	443	16	46	304	0
CONTIG-013557	77	23	103	16	0
CONTIG-013558	502	18	88	243	5
CONTIG-013559	498	14	43	175	0
CONTIG-013560	2260	21	365	1541	16
CONTIG-013563	85	44	97	64	0
CONTIG-013564	275	38	359	78	6
CONTIG-013565	493	20	151	236	2
CONTIG-013566	236	29	183	146	0
CONTIG-013567	126	8	15	40	0
CONTIG-013568	101	5	8	4	0
CONTIG-013569	138	17	189	15	0
CONTIG-013570	212	20	54	63	2
CONTIG-013573	200	19	58	159	0
CONTIG-013574	98	15	24	34	0

CONTIG-013576	858	16	37	654	0
CONTIG-013577	602	16	131	339	0
CONTIG-013578	79	13	97	2	0
CONTIG-013580	236	9	35	24	0
CONTIG-013581	239	16	58	106	0
CONTIG-013582	490	14	266	156	0
CONTIG-013583	457	15	19	352	0
CONTIG-013584	226	14	16	84	0
CONTIG-013585	600	62	118	1077	56
CONTIG-013586	520	26	57	642	0
CONTIG-013587	390	38	70	630	0
CONTIG-013589	439	365	336	6810	758
CONTIG-013590	170	153	64	1286	0
CONTIG-013591	176	282	118	2506	6
CONTIG-013592	145	60	159	51	5
CONTIG-013593	337	14	22	138	0
CONTIG-013594	456	20	28	417	2
CONTIG-013595	74	8	3	19	0
CONTIG-013596	82	16	35	41	0
CONTIG-013597	345	10	34	75	0
CONTIG-013598	93	3	3	6	0
CONTIG-013599	824	23	24	18	0
CONTIG-013600	138	9	16	4	0
CONTIG-013602	633	24	519	301	2
CONTIG-013603	600	26	318	345	4
CONTIG-013604	401	39	137	670	6
CONTIG-013606	160	14	10	78	0
CONTIG-013607	139	11	5	34	0
CONTIG-013608	60	2	0	0	0
CONTIG-013610	227	7	10	68	0
CONTIG-013611	67	9	33	2	0
CONTIG-013613	167	7	17	33	0
CONTIG-013614	472	18	69	435	0
CONTIG-013616	272	20	20	109	4
CONTIG-013617	947	31	361	886	8
CONTIG-013618	469	35	262	447	4
CONTIG-013624	253	11	21	72	3
CONTIG-013625	211	13	11	143	0
CONTIG-013626	94	5	31	2	0
CONTIG-013629	368	27	293	268	2
CONTIG-013630	574	12	191	214	0
CONTIG-013631	186	281	279	1268	114
CONTIG-013632	58	21	18	42	0
CONTIG-013636	321	22	40	240	0
CONTIG-013637	1827	37	205	2273	183
CONTIG-013638	743	26	159	654	4
CONTIG-013639	96	47	163	28	0

CONTIG-013640	61	7	14	3	0
CONTIG-013641	331	7	25	80	0
CONTIG-013642	83	54	23	160	0
CONTIG-013643	379	17	43	126	0
CONTIG-013644	490	23	143	364	4
CONTIG-013645	419	12	9	228	0
CONTIG-013646	414	26	173	233	15
CONTIG-013647	58	14	53	0	0
CONTIG-013648	229	8	6	45	0
CONTIG-013649	562	30	178	924	0
CONTIG-013651	83	8	21	16	0
CONTIG-013652	93	4	11	12	0
CONTIG-013653	93	5	0	13	2
CONTIG-013654	208	18	24	125	0
CONTIG-013655	126	8	0	27	0
CONTIG-013656	108	157	261	458	12
CONTIG-013657	715	16	94	259	2
CONTIG-013661	84	7	7	20	0
CONTIG-013662	432	35	146	439	0
CONTIG-013663	160	5	2	29	0
CONTIG-013664	517	65	335	737	31
CONTIG-013665	155	12	0	77	0
CONTIG-013666	365	9	21	89	0
CONTIG-013667	202	12	9	70	0
CONTIG-013668	495	59	561	731	13
CONTIG-013669	268	6	2	57	0
CONTIG-013675	219	10	45	28	0
CONTIG-013676	87	6	15	6	2
CONTIG-013677	213	253	1237	2053	41
CONTIG-013678	231	9	9	17	0
CONTIG-013679	58	6	17	2	0
CONTIG-013680	106	32	362	0	0
CONTIG-013681	95	24	98	12	0
CONTIG-013682	626	9	29	169	2
CONTIG-013683	92	5	19	3	0
CONTIG-013684	277	22	93	188	6
CONTIG-013685	70	6	2	8	0
CONTIG-013686	851	53	397	994	10
CONTIG-013687	375	15	22	112	5
CONTIG-013690	147	8	42	23	0
CONTIG-013691	80	6	14	11	0
CONTIG-013692	678	24	84	469	4
CONTIG-013693	85	18	37	0	0
CONTIG-013694	115	4	4	12	0
CONTIG-013696	1013	13	107	429	0
CONTIG-013697	131	12	14	30	0
CONTIG-013698	98	11	27	11	2

CONTIG-013699	546	8	0	99	0
CONTIG-013700	111	20	110	13	0
CONTIG-013701	114	8	7	17	2
CONTIG-013702	1062	60	503	1925	285
CONTIG-013703	115	11	51	30	0
CONTIG-013704	370	275	415	6268	0
CONTIG-013705	290	51	32	673	47
CONTIG-013706	1285	80	446	4665	106
CONTIG-013715	102	4	15	0	0
CONTIG-013718	151	11	6	59	0
CONTIG-013719	139	15	95	63	0
CONTIG-013720	589	15	162	174	0
CONTIG-013721	372	10	22	124	2
CONTIG-013722	142	5	11	12	0
CONTIG-013723	890	18	137	280	2
CONTIG-013724	279	10	41	36	0
CONTIG-013725	1391	42	177	2534	4
CONTIG-013726	81	8	36	12	0
CONTIG-013727	471	13	35	247	0
CONTIG-013728	691	12	38	203	0
CONTIG-013729	402	12	18	122	2
CONTIG-013730	428	19	243	180	2
CONTIG-013731	293	93	112	1519	2
CONTIG-013732	69	9	7	0	0
CONTIG-013733	482	144	214	2732	51
CONTIG-013734	382	20	233	200	2
CONTIG-013735	67	5	8	0	0
CONTIG-013736	209	10	23	62	0
CONTIG-013737	134	28	223	74	0
CONTIG-013738	409	20	158	262	0
CONTIG-013739	200	19	8	147	0
CONTIG-013740	198	9	11	45	0
CONTIG-013742	286	9	11	50	0
CONTIG-013743	73	5	4	2	0
CONTIG-013744	1561	25	69	925	143
CONTIG-013753	424	16	31	242	4
CONTIG-013754	76	38	107	32	0
CONTIG-013755	511	33	92	240	73
CONTIG-013756	518	36	772	304	4
CONTIG-013757	1411	15	68	598	2
CONTIG-013758	161	10	8	60	0
CONTIG-013759	200	7	17	34	0
CONTIG-013760	1425	9	27	331	22
CONTIG-013761	362	11	8	92	0
CONTIG-013762	877	22	46	731	0
CONTIG-013763	283	8	24	60	0
CONTIG-013764	412	12	26	142	2

CONTIG-013765	235	39	53	385	0
CONTIG-013766	159	9	43	29	0
CONTIG-013768	1029	87	478	2238	436
CONTIG-013769	1154	16	128	484	0
CONTIG-013770	127	10	95	11	0
CONTIG-013771	279	7	11	57	0
CONTIG-013772	140	43	164	140	2
CONTIG-013773	66	4	8	3	0
CONTIG-013774	1040	22	156	496	4
CONTIG-013775	102	17	49	43	0
CONTIG-013776	123	446	461	1721	208
CONTIG-013777	186	14	4	82	0
CONTIG-013778	217	25	3	6	0
CONTIG-013779	610	36	190	719	6
CONTIG-013780	675	29	269	752	10
CONTIG-013783	324	12	14	158	0
CONTIG-013787	615	11	139	241	4
CONTIG-013788	245	25	90	240	0
CONTIG-013796	331	7	20	43	0
CONTIG-013797	656	12	151	210	4
CONTIG-013798	728	22	222	607	2
CONTIG-013799	264	10	103	58	0
CONTIG-013800	58	20	23	55	0
CONTIG-013801	133	8	18	20	0
CONTIG-013802	558	18	138	314	0
CONTIG-013803	149	198	127	980	99
CONTIG-013804	131	7	21	9	0
CONTIG-013805	289	17	9	238	0
CONTIG-013806	87	38	150	0	0
CONTIG-013807	259	16	70	39	0
CONTIG-013808	233	14	146	29	0
CONTIG-013809	214	23	2	13	0
CONTIG-013810	118	3	3	6	0
CONTIG-013811	110	5	0	11	0
CONTIG-013813	173	17	69	52	2
CONTIG-013814	96	17	41	20	0
CONTIG-013815	94	14	24	0	0
CONTIG-013816	500	8	20	131	2
CONTIG-013817	114	13	78	2	0
CONTIG-013818	177	20	24	164	2
CONTIG-013819	352	9	20	142	0
CONTIG-013820	1696	39	216	3737	6
CONTIG-013821	539	9	11	177	0
CONTIG-013822	74	148	65	331	0
CONTIG-013823	313	102	204	497	85
CONTIG-013824	573	12	112	103	0
CONTIG-013825	62	8	51	0	0

CONTIG-013826	91	10	51	7	0
CONTIG-013827	229	12	17	58	0
CONTIG-013829	161	476	957	1824	90
CONTIG-013830	92	12	41	31	0
CONTIG-013831	156	11	19	56	0
CONTIG-013832	803	18	329	187	0
CONTIG-013833	61	6	9	4	0
CONTIG-013834	135	37	459	0	0
CONTIG-013835	243	13	57	85	0
CONTIG-013837	684	23	155	598	5
CONTIG-013838	58	7	20	0	0
CONTIG-013839	145	7	2	27	0
CONTIG-013840	364	109	326	946	31
CONTIG-013842	490	25	82	460	2
CONTIG-013843	107	9	100	0	0
CONTIG-013844	122	8	2	4	0
CONTIG-013845	737	15	81	320	4
CONTIG-013846	143	8	24	25	0
CONTIG-013847	143	8	5	23	0
CONTIG-013848	91	7	2	0	9
CONTIG-013849	144	11	7	50	0
CONTIG-013850	66	488	55	1383	0
CONTIG-013851	88	7	8	22	0
CONTIG-013852	168	25	7	214	0
CONTIG-013853	364	17	53	225	0
CONTIG-013854	91	42	253	6	0
CONTIG-013855	628	15	32	343	3
CONTIG-013860	135	18	46	74	0
CONTIG-013869	291	54	47	472	15
CONTIG-013870	547	38	573	567	4
CONTIG-013871	747	16	23	374	2
CONTIG-013872	440	45	320	364	9
CONTIG-013873	521	15	103	202	4
CONTIG-013874	1158	21	116	600	10
CONTIG-013875	259	9	31	37	0
CONTIG-013876	836	14	97	420	0
CONTIG-013877	171	8	19	22	0
CONTIG-013878	138	6	9	24	0
CONTIG-013879	94	4	0	4	0
CONTIG-013880	248	32	115	329	0
CONTIG-013882	175	7	13	13	0
CONTIG-013883	164	6	4	44	0
CONTIG-013884	61	581	531	558	31
CONTIG-013887	64	10	26	0	0
CONTIG-013888	203	1010	482	10310	139
CONTIG-013889	300	26	525	56	0
CONTIG-013890	109	8	29	16	0

CONTIG-013896	370	16	214	104	2
CONTIG-013897	1645	35	159	1336	83
CONTIG-013904	621	46	101	393	133
CONTIG-013905	221	20	194	102	0
CONTIG-013906	182	20	71	45	0
CONTIG-013907	401	20	224	92	9
CONTIG-013908	823	26	471	613	6
CONTIG-013909	76	4	2	2	0
CONTIG-013910	250	10	7	36	0
CONTIG-013911	119	5	2	10	0
CONTIG-013912	125	10	6	50	0
CONTIG-013913	67	7	15	7	0
CONTIG-013914	86	8	7	2	0
CONTIG-013916	61	423	23	882	0
CONTIG-013917	182	14	14	82	7
CONTIG-013918	66	2	0	2	0
CONTIG-013919	407	28	225	94	0
CONTIG-013920	40	29	2	34	0
CONTIG-013921	292	18	173	65	0
CONTIG-013922	139	8	0	36	0
CONTIG-013923	139	52	194	54	0
CONTIG-013924	433	10	72	79	0
CONTIG-013925	65	66	0	0	0
CONTIG-013928	202	11	14	66	0
CONTIG-013929	358	9	43	99	2
CONTIG-013937	361	6	2	14	2
CONTIG-013938	373	41	1239	100	0
CONTIG-013939	501	33	199	505	37
CONTIG-013940	271	7	17	44	0
CONTIG-013941	187	15	15	85	0
CONTIG-013942	275	7	115	23	0
CONTIG-013943	280	16	8	148	0
CONTIG-013945	128	142	346	760	0
CONTIG-013946	88	6	5	13	0
CONTIG-013947	130	15	48	59	0
CONTIG-013948	454	12	67	109	0
CONTIG-013949	161	12	19	77	0
CONTIG-013950	386	10	23	129	0
CONTIG-013951	1221	14	76	286	13
CONTIG-013952	1798	44	159	3085	149
CONTIG-013953	1440	48	78	1457	337
CONTIG-013954	360	36	139	468	24
CONTIG-013956	460	23	250	197	6
CONTIG-013957	71	5	8	7	0
CONTIG-013958	174	353	311	2027	12
CONTIG-013959	140	4	14	17	0
CONTIG-013960	161	10	30	35	0

CONTIG-013961	243	29	41	218	7
CONTIG-013962	562	16	84	342	4
CONTIG-013963	79	6	8	8	0
CONTIG-013964	75	6	2	4	0
CONTIG-013965	67	1892	264	45	3047
CONTIG-013966	967	11	74	159	0
CONTIG-013967	70	3	3	0	0
CONTIG-013971	67	4	4	6	0
CONTIG-013972	334	13	11	130	2
CONTIG-013973	123	9	13	15	0
CONTIG-013974	196	8	6	46	0
CONTIG-013975	703	22	54	220	0
CONTIG-013976	299	342	30	2	945
CONTIG-013977	397	13	82	164	0
CONTIG-013979	166	12	34	50	0
CONTIG-013980	57	584	170	1486	0
CONTIG-013981	175	42	649	0	4
CONTIG-013982	75	3	3	6	0
CONTIG-013987	289	13	8	109	0
CONTIG-013988	164	15	111	33	0
CONTIG-013989	1599	34	379	1240	118
CONTIG-013990	237	88	135	6	299
CONTIG-013991	294	6	65	37	0
CONTIG-013992	433	13	20	132	5
CONTIG-013993	1587	27	86	1760	40
CONTIG-013994	66	3	2	0	0
CONTIG-013995	79	10	66	2	0
CONTIG-013997	624	30	94	722	15
CONTIG-013998	242	12	2	95	0
CONTIG-013999	1190	43	21	96	0
CONTIG-014005	206	8	8	42	2
CONTIG-014006	136	8	25	5	0
CONTIG-014007	1056	44	231	1421	26
CONTIG-014008	85	6	8	17	2
CONTIG-014009	347	23	183	139	0
CONTIG-014010	185	55	395	152	0
CONTIG-014011	357	11	14	130	0
CONTIG-014012	397	13	43	73	7
CONTIG-014013	230	33	691	4	10
CONTIG-014014	58	7	11	0	0
CONTIG-014015	63	5	11	6	0
CONTIG-014016	1100	18	108	406	4
CONTIG-014017	178	10	41	8	0
CONTIG-014018	139	12	87	16	0
CONTIG-014019	107	14	4	63	0
CONTIG-014020	59	10	20	6	0
CONTIG-014021	81	8	3	22	0

CONTIG-014030	163	46	421	87	0
CONTIG-014031	269	31	222	125	10
CONTIG-014033	241	11	101	56	0
CONTIG-014034	828	32	284	491	6
CONTIG-014039	406	12	105	178	0
CONTIG-014040	404	42	82	792	6
CONTIG-014041	68	33	133	38	0
CONTIG-014042	989	23	241	732	15
CONTIG-014043	2577	39	197	3313	79
CONTIG-014045	89	581	395	1990	0
CONTIG-014046	202	640	966	3103	346
CONTIG-014047	234	7	19	42	0
CONTIG-014048	231	23	345	0	2
CONTIG-014050	80	5	6	11	0
CONTIG-014058	1169	13	44	512	4
CONTIG-014059	387	15	36	156	0
CONTIG-014060	732	32	61	1399	0
CONTIG-014061	1215	32	19	1055	121
CONTIG-014062	148	35	318	41	0
CONTIG-014063	225	157	343	1254	87
CONTIG-014064	106	9	3	26	0
CONTIG-014065	101	11	19	37	0
CONTIG-014066	393	41	320	290	20
CONTIG-014067	195	47	274	375	0
CONTIG-014068	183	8	6	2	0
CONTIG-014069	648	15	88	225	4
CONTIG-014070	591	40	11	0	200
CONTIG-014075	95	18	0	2	0
CONTIG-014076	170	9	0	37	0
CONTIG-014077	259	8	54	21	0
CONTIG-014078	700	17	130	316	0
CONTIG-014079	576	18	46	519	0
CONTIG-014080	102	8	48	4	0
CONTIG-014081	517	18	99	276	11
CONTIG-014082	355	14	50	116	0
CONTIG-014083	368	8	0	57	2
CONTIG-014085	44	19	10	14	0
CONTIG-014086	316	7	6	49	0
CONTIG-014087	880	22	118	473	37
CONTIG-014088	99	101	235	34	2
CONTIG-014091	109	87	32	281	6
CONTIG-014092	113	7	14	14	0
CONTIG-014093	39	63	25	16	0
CONTIG-014094	360	123	495	2217	15
CONTIG-014095	77	50	24	155	0
CONTIG-014096	401	13	37	229	0
CONTIG-014100	197	73	330	380	8

CONTIG-014101	65	5	4	4	0
CONTIG-014102	70	10	20	11	0
CONTIG-014103	241	9	110	23	0
CONTIG-014104	675	19	134	487	0
CONTIG-014105	949	43	654	1317	16
CONTIG-014106	62	5	4	8	0
CONTIG-014107	110	30	112	63	0
CONTIG-014108	74	91	135	7	0
CONTIG-014110	406	11	43	63	0
CONTIG-014111	254	9	23	48	0
CONTIG-014112	103	11	26	20	0
CONTIG-014113	257	12	10	58	0
CONTIG-014114	456	39	133	265	8
CONTIG-014115	778	24	52	837	0
CONTIG-014116	71	3	3	4	0
CONTIG-014117	135	6	4	27	0
CONTIG-014118	762	39	228	931	32
CONTIG-014119	458	12	23	189	2
CONTIG-014120	593	22	56	667	0
CONTIG-014121	704	28	260	680	0
CONTIG-014122	130	692	161	78	1785
CONTIG-014124	163	92	116	325	4
CONTIG-014125	930	59	236	2552	32
CONTIG-014126	187	10	10	91	0
CONTIG-014127	46	153	201	63	7
CONTIG-014128	352	15	30	198	0
CONTIG-014129	243	9	61	69	0
CONTIG-014130	495	18	34	375	0
CONTIG-014131	548	47	79	392	36
CONTIG-014132	436	9	43	124	0
CONTIG-014134	254	14	91	71	0
CONTIG-014135	60	7	17	6	0
CONTIG-014136	94	16	5	60	0
CONTIG-014137	363	7	34	42	2
CONTIG-014138	62	7	15	10	0
CONTIG-014139	807	15	120	451	2
CONTIG-014140	379	21	24	9	0
CONTIG-014141	298	13	52	106	0
CONTIG-014142	72	36	21	44	0
CONTIG-014143	295	21	34	182	2
CONTIG-014144	1706	26	170	1249	4
CONTIG-014145	349	120	259	669	118
CONTIG-014151	86	3	0	2	0
CONTIG-014152	499	39	28	595	21
CONTIG-014153	70	3	0	8	0
CONTIG-014157	139	19	27	64	0
CONTIG-014158	94	8	8	34	0

CONTIG-014159	306	14	7	122	6
CONTIG-014160	122	13	9	55	0
CONTIG-014161	381	19	95	190	4
CONTIG-014163	256	11	47	52	0
CONTIG-014164	189	9	33	49	0
CONTIG-014165	133	5	5	10	0
CONTIG-014167	476	31	46	499	4
CONTIG-014168	111	12	9	41	0
CONTIG-014169	89	8	8	6	0
CONTIG-014170	191	8	40	31	0
CONTIG-014171	305	34	431	261	0
CONTIG-014172	211	8	11	41	0
CONTIG-014173	673	20	363	384	4
CONTIG-014174	129	553	356	2352	226
CONTIG-014176	787	14	66	313	4
CONTIG-014177	101	11	58	8	0
CONTIG-014179	282	11	19	70	0
CONTIG-014180	116	5	5	9	0
CONTIG-014181	215	11	28	116	0
CONTIG-014182	276	27	130	78	2
CONTIG-014189	157	6	10	22	0
CONTIG-014190	117	1247	172	8279	0
CONTIG-014191	286	38	106	388	8
CONTIG-014192	565	24	72	481	22
CONTIG-014193	234	6	5	16	0
CONTIG-014195	528	88	392	2678	4
CONTIG-014196	373	27	153	239	18
CONTIG-014197	72	8	24	12	0
CONTIG-014198	113	7	35	18	0
CONTIG-014199	135	11	9	62	0
CONTIG-014204	123	16	92	21	0
CONTIG-014205	106	231	381	281	40
CONTIG-014206	919	27	75	722	2
CONTIG-014212	49	23	5	0	0
CONTIG-014213	119	31	92	81	0
CONTIG-014214	541	24	67	331	2
CONTIG-014215	634	40	147	1506	0
CONTIG-014216	59	41	23	0	0
CONTIG-014219	88	11	43	8	2
CONTIG-014221	261	11	3	15	0
CONTIG-014224	313	9	119	23	0
CONTIG-014225	133	10	37	43	0
CONTIG-014226	94	7	3	23	0
CONTIG-014227	179	16	106	89	0
CONTIG-014228	131	9	27	15	0
CONTIG-014229	209	6	19	10	0
CONTIG-014230	796	105	106	5513	0

CONTIG-014231	279	22	4	152	6
CONTIG-014232	46	929	455	1148	45
CONTIG-014233	420	11	176	95	0
CONTIG-014234	117	4	3	6	0
CONTIG-014235	76	24	6	14	0
CONTIG-014236	124	4	3	16	0
CONTIG-014238	132	25	13	90	0
CONTIG-014239	472	11	23	146	2
CONTIG-014244	66	26	77	0	0
CONTIG-014245	247	7	16	53	0
CONTIG-014246	273	14	80	88	0
CONTIG-014247	670	49	2	16	0
CONTIG-014248	113	4	3	6	0
CONTIG-014249	250	9	116	33	0
CONTIG-014250	685	48	378	506	8
CONTIG-014251	1136	32	56	2228	0
CONTIG-014252	166	23	75	25	0
CONTIG-014253	192	8	5	41	0
CONTIG-014254	652	17	47	311	0
CONTIG-014255	229	45	51	312	0
CONTIG-014256	349	38	111	359	3
CONTIG-014257	962	22	107	506	38
CONTIG-014258	316	26	104	334	0
CONTIG-014259	226	48	135	205	44
CONTIG-014260	262	16	53	65	4
CONTIG-014261	266	33	60	487	0
CONTIG-014262	670	15	171	260	4
CONTIG-014264	124	13	12	33	2
CONTIG-014265	97	18	4	63	0
CONTIG-014268	67	11	7	16	0
CONTIG-014269	436	18	42	150	2
CONTIG-014270	755	15	53	378	0
CONTIG-014271	70	5	0	8	0
CONTIG-014272	174	14	102	37	0
CONTIG-014273	58	4	13	0	0
CONTIG-014274	298	44	385	347	0
CONTIG-014275	166	25	75	50	0
CONTIG-014276	620	28	193	558	18
CONTIG-014277	50	75	19	155	0
CONTIG-014278	181	11	7	57	0
CONTIG-014279	242	27	127	38	0
CONTIG-014281	86	8	0	19	0
CONTIG-014282	1295	29	506	1291	9
CONTIG-014283	140	8	77	6	0
CONTIG-014284	126	17	7	62	0
CONTIG-014285	342	15	43	176	0
CONTIG-014286	668	15	58	340	2

CONTIG-014287	291	11	102	91	0
CONTIG-014288	157	8	8	31	0
CONTIG-014289	62	9	4	21	0
CONTIG-014290	282	5	33	12	0
CONTIG-014291	851	16	2	218	2
CONTIG-014292	244	17	94	115	0
CONTIG-014293	136	5	2	4	0
CONTIG-014294	85	364	62	1643	0
CONTIG-014297	71	4	7	5	0
CONTIG-014298	259	20	57	146	2
CONTIG-014299	142	5	2	14	2
CONTIG-014300	256	14	45	95	0
CONTIG-014301	557	20	234	283	0
CONTIG-014302	260	22	28	145	0
CONTIG-014303	300	38	760	268	0
CONTIG-014304	259	25	2	159	2
CONTIG-014305	193	22	71	119	2
CONTIG-014306	971	12	56	438	0
CONTIG-014311	868	20	269	593	8
CONTIG-014312	280	14	18	135	0
CONTIG-014314	235	13	31	91	0
CONTIG-014315	894	21	201	561	7
CONTIG-014317	247	11	42	115	0
CONTIG-014318	153	14	108	27	2
CONTIG-014319	614	18	33	379	18
CONTIG-014321	61	4	6	6	0
CONTIG-014322	363	19	232	184	0
CONTIG-014323	294	17	24	159	0
CONTIG-014329	489	34	292	600	10
CONTIG-014330	65	13	23	33	0
CONTIG-014331	599	25	107	405	0
CONTIG-014333	97	8	13	23	0
CONTIG-014334	1386	24	450	1300	6
CONTIG-014335	278	13	48	91	0
CONTIG-014336	1022	35	478	1024	37
CONTIG-014337	108	18	23	23	0
CONTIG-014338	282	37	228	299	2
CONTIG-014339	184	16	84	2	50
CONTIG-014340	176	8	42	8	0
CONTIG-014341	667	35	238	955	0
CONTIG-014342	281	112	219	1183	18
CONTIG-014343	70	5	9	0	0
CONTIG-014344	593	18	76	303	8
CONTIG-014345	134	6	9	14	0
CONTIG-014346	107	8	20	10	0
CONTIG-014347	1202	18	457	693	0
CONTIG-014348	78	493	142	1009	98

CONTIG-014349	463	19	109	191	0
CONTIG-014350	75	11	9	23	0
CONTIG-014351	499	12	20	250	0
CONTIG-014352	119	8	24	20	0
CONTIG-014353	180	10	6	0	10
CONTIG-014354	174	8	21	28	2
CONTIG-014355	127	15	20	76	0
CONTIG-014356	79	4	4	0	0
CONTIG-014357	1159	56	675	1555	62
CONTIG-014358	413	131	173	1675	130
CONTIG-014359	1126	25	437	671	25
CONTIG-014360	599	17	300	343	0
CONTIG-014363	111	13	28	0	0
CONTIG-014364	206	8	33	50	0
CONTIG-014365	619	22	111	403	10
CONTIG-014366	640	26	299	421	5
CONTIG-014367	40	394	97	235	22
CONTIG-014369	214	211	24	2975	0
CONTIG-014370	522	16	109	299	3
CONTIG-014371	247	14	13	45	16
CONTIG-014372	534	17	118	278	2
CONTIG-014373	365	13	106	138	0
CONTIG-014374	621	30	174	403	18
CONTIG-014375	281	9	42	85	0
CONTIG-014376	270	13	16	128	0
CONTIG-014377	65	8	2	12	0
CONTIG-014378	108	8	14	27	0
CONTIG-014379	111	8	9	36	0
CONTIG-014380	60	205	126	257	27
CONTIG-014381	104	11	13	13	0
CONTIG-014382	245	8	7	78	0
CONTIG-014383	274	9	17	53	0
CONTIG-014384	511	25	61	507	2
CONTIG-014385	247	27	22	314	0
CONTIG-014386	286	12	17	23	0
CONTIG-014387	96	9	15	26	2
CONTIG-014388	148	8	2	66	0
CONTIG-014393	268	13	66	46	2
CONTIG-014394	58	57	288	22	4
CONTIG-014395	318	59	363	387	4
CONTIG-014396	222	20	6	183	0
CONTIG-014397	714	38	179	1225	9
CONTIG-014398	414	14	12	89	0
CONTIG-014399	100	20	15	67	2
CONTIG-014400	501	17	61	392	2
CONTIG-014401	290	21	34	147	2
CONTIG-014402	80	6	6	4	0

CONTIG-014404	41	40	7	33	0
CONTIG-014405	148	5	14	2	0
CONTIG-014406	339	23	66	184	4
CONTIG-014407	112	9	20	19	2
CONTIG-014408	823	26	57	765	25
CONTIG-014409	1026	28	61	75	0
CONTIG-014410	80	4	2	10	0
CONTIG-014416	429	85	319	1713	0
CONTIG-014417	658	16	147	158	4
CONTIG-014420	129	23	9	105	0
CONTIG-014421	77	11	10	8	0
CONTIG-014422	151	8	16	27	0
CONTIG-014423	175	7	4	47	0
CONTIG-014424	248	10	34	86	0
CONTIG-014425	66	7	9	8	0
CONTIG-014426	300	78	293	621	2
CONTIG-014427	146	5	36	9	0
CONTIG-014432	105	9	16	4	0
CONTIG-014433	146	17	182	25	0
CONTIG-014434	192	10	62	36	0
CONTIG-014435	703	19	300	227	4
CONTIG-014436	176	10	2	42	0
CONTIG-014437	647	15	72	216	6
CONTIG-014438	469	13	110	170	2
CONTIG-014439	595	13	91	184	0
CONTIG-014440	322	6	16	12	0
CONTIG-014441	140	12	99	0	0
CONTIG-014442	416	33	756	303	0
CONTIG-014445	163	13	14	44	0
CONTIG-014446	95	20	72	12	0
CONTIG-014447	414	11	9	72	0
CONTIG-014448	416	18	56	195	2
CONTIG-014449	1007	67	675	3410	0
CONTIG-014450	83	5	14	6	0
CONTIG-014451	64	136	25	401	0
CONTIG-014452	274	24	28	211	2
CONTIG-014453	560	82	398	2349	2
CONTIG-014454	86	26	30	84	0
CONTIG-014455	303	18	180	110	2
CONTIG-014456	368	29	54	492	0
CONTIG-014457	509	17	75	205	4
CONTIG-014458	71	6	8	3	0
CONTIG-014459	373	372	330	4271	606
CONTIG-014460	1324	28	281	1949	2
CONTIG-014461	135	22	180	36	0
CONTIG-014466	452	16	92	253	0
CONTIG-014467	350	24	143	276	0

CONTIG-014468	286	10	2	91	2
CONTIG-014469	1482	68	537	3631	279
CONTIG-014470	448	12	157	109	0
CONTIG-014471	779	11	21	142	16
CONTIG-014472	746	14	284	285	0
CONTIG-014473	128	14	13	85	0
CONTIG-014474	86	6	21	13	0
CONTIG-014475	508	14	14	75	2
CONTIG-014476	118	5	10	11	0
CONTIG-014477	661	30	26	78	0
CONTIG-014478	280	13	47	93	0
CONTIG-014479	472	58	6	2	204
CONTIG-014481	256	78	388	768	5
CONTIG-014482	790	16	66	440	0
CONTIG-014483	345	19	84	266	0
CONTIG-014484	270	23	77	227	0
CONTIG-014485	59	5	7	2	0
CONTIG-014486	85	4	3	10	0
CONTIG-014487	248	8	13	16	0
CONTIG-014488	129	8	35	21	0
CONTIG-014489	967	74	150	1494	181
CONTIG-014490	60	4	0	5	0
CONTIG-014491	418	19	85	217	2
CONTIG-014492	261	36	74	220	4
CONTIG-014493	384	12	110	110	0
CONTIG-014496	170	6	0	22	0
CONTIG-014497	639	41	200	992	10
CONTIG-014498	279	11	74	66	4
CONTIG-014499	344	18	51	228	0
CONTIG-014500	1545	39	592	2780	0
CONTIG-014501	86	4	3	10	0
CONTIG-014502	64	7	0	15	0
CONTIG-014503	57	28	117	7	0
CONTIG-014504	702	18	50	238	12
CONTIG-014505	80	24	31	33	0
CONTIG-014506	665	35	179	1302	0
CONTIG-014507	159	5	15	25	0
CONTIG-014508	102	3	2	0	0
CONTIG-014515	68	6	0	6	0
CONTIG-014517	75	11	21	25	0
CONTIG-014518	205	19	43	28	0
CONTIG-014519	74	5	22	2	0
CONTIG-014520	419	12	38	193	2
CONTIG-014521	434	8	34	94	0
CONTIG-014529	618	13	49	251	0
CONTIG-014530	1045	16	69	847	0
CONTIG-014531	104	23	126	30	0

CONTIG-014535	280	11	10	108	0
CONTIG-014536	339	32	202	140	7
CONTIG-014537	564	33	202	717	0
CONTIG-014542	424	16	66	206	0
CONTIG-014545	90	11	4	7	0
CONTIG-014547	506	14	53	221	0
CONTIG-014548	289	6	26	45	0
CONTIG-014549	284	18	340	87	0
CONTIG-014550	181	15	15	119	0
CONTIG-014551	753	22	185	450	0
CONTIG-014552	334	13	28	66	2
CONTIG-014554	340	14	52	59	7
CONTIG-014556	208	12	43	29	2
CONTIG-014557	651	12	97	184	21
CONTIG-014559	545	15	225	209	0
CONTIG-014560	111	4	3	15	0
CONTIG-014561	250	8	6	47	0
CONTIG-014562	318	29	149	350	5
CONTIG-014563	95	5	12	13	0
CONTIG-014564	286	10	39	63	0
CONTIG-014565	108	4	7	14	0
CONTIG-014566	60	12	87	0	0
CONTIG-014567	934	20	264	647	2
CONTIG-014568	687	15	75	311	0
CONTIG-014569	99	15	13	59	0
CONTIG-014570	835	8	72	176	0
CONTIG-014571	355	17	17	164	2
CONTIG-014572	1340	43	140	2728	47
CONTIG-014573	962	46	237	1894	8
CONTIG-014574	663	15	360	21	35
CONTIG-014575	400	11	54	111	4
CONTIG-014579	60	4	8	7	0
CONTIG-014580	234	10	22	72	0
CONTIG-014582	615	8	48	155	0
CONTIG-014583	691	15	114	145	6
CONTIG-014584	492	24	127	358	2
CONTIG-014585	249	8	26	41	0
CONTIG-014587	185	11	16	30	0
CONTIG-014588	79	14	29	27	0
CONTIG-014589	638	13	65	294	0
CONTIG-014590	375	19	79	149	8
CONTIG-014591	267	21	132	132	0
CONTIG-014592	191	9	33	37	0
CONTIG-014593	293	17	79	185	0
CONTIG-014594	117	7	7	29	0
CONTIG-014595	277	10	9	64	0
CONTIG-014596	548	17	303	228	0

CONTIG-014597	249	6	6	41	2
CONTIG-014601	311	39	119	489	4
CONTIG-014602	1083	30	121	1072	11
CONTIG-014603	567	8	96	104	2
CONTIG-014604	625	9	48	210	0
CONTIG-014606	86	9	28	3	0
CONTIG-014607	280	31	137	168	10
CONTIG-014608	114	8	31	21	0
CONTIG-014609	212	17	13	182	0
CONTIG-014610	117	13	18	76	0
CONTIG-014613	651	46	426	847	6
CONTIG-014614	373	102	172	2274	2
CONTIG-014615	381	9	104	106	0
CONTIG-014616	145	6	8	26	0
CONTIG-014617	62	5	2	8	0
CONTIG-014618	357	18	64	137	0
CONTIG-014619	292	11	54	83	2
CONTIG-014620	304	8	68	34	0
CONTIG-014621	139	6	40	18	0
CONTIG-014622	809	29	189	401	87
CONTIG-014623	80	7	3	4	0
CONTIG-014625	226	8	95	22	0
CONTIG-014626	119	6	2	20	0
CONTIG-014627	195	19	6	114	0
CONTIG-014629	99	4	9	7	0
CONTIG-014630	180	12	11	56	0
CONTIG-014631	199	33	203	238	0
CONTIG-014632	457	27	238	236	10
CONTIG-014633	594	33	114	1090	0
CONTIG-014636	279	39	32	372	10
CONTIG-014638	97	14	115	0	0
CONTIG-014639	624	42	386	752	14
CONTIG-014641	461	17	72	197	0
CONTIG-014642	146	11	90	13	0
CONTIG-014644	1191	20	162	607	12
CONTIG-014645	209	8	16	48	2
CONTIG-014646	745	24	208	440	8
CONTIG-014648	77	696	165	1778	32
CONTIG-014649	92	3	3	12	0
CONTIG-014650	114	5	13	10	0
CONTIG-014651	102	645	376	1346	126
CONTIG-014652	536	36	111	932	2
CONTIG-014653	211	10	100	17	0
CONTIG-014654	224	10	60	46	0
CONTIG-014655	911	67	589	2541	6
CONTIG-014656	166	9	7	0	0
CONTIG-014657	812	51	457	895	18

CONTIG-014659	420	12	18	146	6
CONTIG-014660	289	34	107	156	23
CONTIG-014661	180	132	1640	195	0
CONTIG-014663	117	128	180	242	68
CONTIG-014664	256	34	161	152	9
CONTIG-014665	270	50	50	429	4
CONTIG-014668	487	24	27	202	12
CONTIG-014669	248	22	103	57	21
CONTIG-014670	58	58	162	39	0
CONTIG-014671	142	11	93	11	0
CONTIG-014672	710	14	73	267	0
CONTIG-014673	220	7	10	30	0
CONTIG-014674	697	22	39	575	4
CONTIG-014675	652	18	135	225	0
CONTIG-014676	215	12	120	58	0
CONTIG-014677	157	6	14	17	0
CONTIG-014678	197	11	11	53	2
CONTIG-014679	61	4	2	2	0
CONTIG-014686	761	32	187	575	19
CONTIG-014687	1748	48	443	4190	29
CONTIG-014688	255	12	88	52	0
CONTIG-014689	204	7	77	27	0
CONTIG-014690	128	19	8	78	0
CONTIG-014691	396	23	85	333	3
CONTIG-014692	392	76	83	942	34
CONTIG-014693	457	31	52	773	0
CONTIG-014694	392	20	205	12	39
CONTIG-014695	404	17	187	205	0
CONTIG-014696	90	16	69	26	0
CONTIG-014697	155	10	6	46	2
CONTIG-014698	66	12	24	16	0
CONTIG-014699	190	9	23	42	0
CONTIG-014700	751	31	211	878	53
CONTIG-014701	829	20	91	646	15
CONTIG-014702	65	6	25	2	0
CONTIG-014703	549	28	587	299	0
CONTIG-014704	171	22	62	100	0
CONTIG-014705	850	216	665	6466	518
CONTIG-014706	171	7	19	39	0
CONTIG-014707	64	3	3	2	0
CONTIG-014708	75	25	80	37	0
CONTIG-014709	307	41	254	298	6
CONTIG-014710	64	17	3	47	4
CONTIG-014711	305	41	29	2	0
CONTIG-014712	218	9	8	57	0
CONTIG-014713	126	41	59	181	0
CONTIG-014714	352	25	223	167	0

CONTIG-014715	591	14	71	290	2
CONTIG-014716	122	8	26	26	0
CONTIG-014717	84	5	6	9	0
CONTIG-014718	169	26	4	50	0
CONTIG-014719	80	16	69	3	0
CONTIG-014720	691	36	68	44	0
CONTIG-014721	124	18	14	65	0
CONTIG-014724	237	10	50	40	0
CONTIG-014725	66	25	0	18	0
CONTIG-014726	681	16	105	366	4
CONTIG-014727	67	6	9	7	0
CONTIG-014728	216	12	16	73	2
CONTIG-014730	144	131	36	743	79
CONTIG-014731	115	7	5	22	0
CONTIG-014732	248	11	111	59	0
CONTIG-014733	195	15	40	52	0
CONTIG-014734	604	13	35	282	0
CONTIG-014736	208	10	56	56	0
CONTIG-014737	94	596	275	1512	166
CONTIG-014738	231	39	63	245	2
CONTIG-014739	333	27	216	137	0
CONTIG-014740	113	8	29	24	0
CONTIG-014741	267	12	25	56	0
CONTIG-014742	1286	32	12	7	0
CONTIG-014743	499	18	138	269	0
CONTIG-014745	472	24	174	461	0
CONTIG-014746	75	3	8	0	0
CONTIG-014747	41	1724	1297	1494	60
CONTIG-014748	881	17	65	345	18
CONTIG-014749	240	8	23	67	0
CONTIG-014750	159	7	15	28	0
CONTIG-014751	1060	31	130	1689	0
CONTIG-014752	441	36	37	561	15
CONTIG-014753	171	13	71	65	0
CONTIG-014754	182	16	54	41	0
CONTIG-014756	296	21	60	83	0
CONTIG-014757	842	24	106	623	6
CONTIG-014758	206	10	7	47	2
CONTIG-014759	1033	13	56	494	0
CONTIG-014760	311	20	17	179	0
CONTIG-014761	411	10	38	141	0
CONTIG-014762	165	15	26	28	13
CONTIG-014763	1103	30	76	307	0
CONTIG-014764	599	35	119	965	2
CONTIG-014765	174	13	65	11	0
CONTIG-014766	1091	46	89	2956	0
CONTIG-014767	88	4	0	14	0

CONTIG-014768	115	17	70	28	0
CONTIG-014769	146	9	3	47	0
CONTIG-014779	559	16	118	139	4
CONTIG-014781	1587	34	110	1134	179
CONTIG-014787	148	6	5	7	0
CONTIG-014788	369	24	55	362	4
CONTIG-014789	103	4	0	7	0
CONTIG-014790	147	13	0	2	0
CONTIG-014791	802	18	88	447	0
CONTIG-014793	483	17	53	110	0
CONTIG-014794	148	11	31	53	0
CONTIG-014795	789	42	550	1038	12
CONTIG-014796	120	28	266	31	0
CONTIG-014798	417	11	63	102	6
CONTIG-014799	81	38	149	2	0
CONTIG-014800	321	47	276	769	0
CONTIG-014801	302	10	12	66	0
CONTIG-014802	103	7	7	29	0
CONTIG-014803	840	16	143	415	0
CONTIG-014804	621	16	94	235	8
CONTIG-014805	129	10	40	15	0
CONTIG-014806	204	9	17	19	2
CONTIG-014807	75	8	3	33	0
CONTIG-014809	68	817	698	2726	32
CONTIG-014810	58	5	0	6	0
CONTIG-014811	110	298	173	19	0
CONTIG-014812	85	10	2	0	8
CONTIG-014813	85	6	0	20	0
CONTIG-014814	812	54	303	1649	0
CONTIG-014815	305	34	216	304	0
CONTIG-014816	79	581	176	1202	66
CONTIG-014817	114	13	4	0	0
CONTIG-014826	237	8	18	59	0
CONTIG-014827	329	14	52	77	0
CONTIG-014830	289	23	41	228	6
CONTIG-014831	270	17	101	77	0
CONTIG-014832	367	194	816	3763	40
CONTIG-014833	134	20	11	64	2
CONTIG-014834	113	3	9	2	0
CONTIG-014835	349	14	72	68	0
CONTIG-014836	143	27	275	69	0
CONTIG-014837	70	2	4	0	0
CONTIG-014838	93	33	58	8	0
CONTIG-014839	189	20	37	77	0
CONTIG-014846	438	7	13	89	6
CONTIG-014847	153	22	38	99	0
CONTIG-014851	541	83	203	2714	0

CONTIG-014852	275	10	81	47	0
CONTIG-014853	175	20	65	47	0
CONTIG-014854	432	15	44	102	11
CONTIG-014855	95	7	18	18	0
CONTIG-014856	213	102	261	1122	2
CONTIG-014857	146	20	27	112	0
CONTIG-014858	571	29	234	226	0
CONTIG-014859	98	51	168	89	8
CONTIG-014860	953	27	161	647	11
CONTIG-014861	455	102	89	1197	125
CONTIG-014862	70	12	5	27	0
CONTIG-014863	81	3	3	7	0
CONTIG-014864	332	10	32	107	0
CONTIG-014866	93	4	10	2	0
CONTIG-014867	116	6	11	15	0
CONTIG-014868	164	71	249	34	30
CONTIG-014869	312	11	103	23	0
CONTIG-014872	82	7	5	20	0
CONTIG-014873	215	14	165	47	0
CONTIG-014874	716	40	83	1383	0
CONTIG-014875	192	5	18	20	0
CONTIG-014876	111	7	6	28	0
CONTIG-014878	885	37	810	829	12
CONTIG-014879	159	7	16	29	0
CONTIG-014880	166	11	29	54	0
CONTIG-014881	283	14	339	26	0
CONTIG-014882	131	7	8	22	0
CONTIG-014883	527	37	179	485	0
CONTIG-014886	208	112	130	627	117
CONTIG-014887	161	124	171	458	117
CONTIG-014888	200	22	145	145	0
CONTIG-014889	411	45	145	1083	0
CONTIG-014890	382	12	53	143	0
CONTIG-014891	577	37	92	1230	0
CONTIG-014892	868	52	307	2708	0
CONTIG-014893	503	21	294	216	2
CONTIG-014894	463	16	4	287	3
CONTIG-014895	533	45	173	732	17
CONTIG-014897	128	628	270	1749	35
CONTIG-014902	69	14	78	3	0
CONTIG-014909	105	5	13	0	7
CONTIG-014910	146	5	0	25	0
CONTIG-014911	76	202	139	219	3
CONTIG-014912	185	21	203	94	0
CONTIG-014913	502	34	38	417	8
CONTIG-014914	302	16	79	94	0
CONTIG-014920	690	29	78	630	22

CONTIG-014921	278	14	4	28	0
CONTIG-014922	1094	74	99	1954	24
CONTIG-014923	233	15	120	75	0
CONTIG-014924	157	12	35	32	0
CONTIG-014927	197	12	54	43	0
CONTIG-014928	173	14	17	112	0
CONTIG-014929	353	11	16	99	0
CONTIG-014930	209	11	67	47	0
CONTIG-014931	168	26	34	170	0
CONTIG-014932	120	4	4	15	0
CONTIG-014933	228	9	43	67	0
CONTIG-014934	510	13	31	140	0
CONTIG-014935	122	16	26	21	0
CONTIG-014936	57	16	2	45	0
CONTIG-014937	476	14	49	192	0
CONTIG-014938	144	15	21	14	2
CONTIG-014939	174	14	173	23	0
CONTIG-014941	183	163	100	1226	69
CONTIG-014942	246	98	165	1256	15
CONTIG-014943	95	27	216	0	2
CONTIG-014950	94	8	3	14	0
CONTIG-014952	76	9	10	4	0
CONTIG-014953	849	35	310	1008	6
CONTIG-014954	225	63	436	86	2
CONTIG-014955	240	12	14	71	0
CONTIG-014956	301	20	35	185	5
CONTIG-014957	289	124	328	1288	63
CONTIG-014958	50	52	126	74	0
CONTIG-014959	197	11	21	95	0
CONTIG-014960	137	9	22	41	0
CONTIG-014961	137	553	79	2761	0
CONTIG-014962	46	37	89	12	2
CONTIG-014967	140	6	14	6	0
CONTIG-014968	63	7	17	5	0
CONTIG-014977	149	8	86	6	0
CONTIG-014978	256	11	8	91	0
CONTIG-014979	452	11	40	110	8
CONTIG-014980	231	8	89	35	0
CONTIG-014981	148	8	16	27	0
CONTIG-014982	82	28	79	26	0
CONTIG-014983	684	23	22	941	0
CONTIG-014984	167	19	51	99	0
CONTIG-014985	717	15	108	272	8
CONTIG-014986	412	24	73	292	6
CONTIG-014987	603	24	187	159	12
CONTIG-014988	824	16	212	490	0
CONTIG-014989	462	22	196	311	2

CONTIG-014990	613	38	151	513	13
CONTIG-014991	226	22	345	33	0
CONTIG-014992	169	46	141	157	0
CONTIG-014993	104	5	31	0	0
CONTIG-014994	469	36	27	595	9
CONTIG-014995	140	10	6	51	0
CONTIG-014996	135	6	7	22	0
CONTIG-014997	116	5	0	8	0
CONTIG-014998	246	173	104	2171	10
CONTIG-015007	346	8	16	76	2
CONTIG-015008	436	8	13	98	0
CONTIG-015009	417	28	26	550	0
CONTIG-015010	119	40	44	278	0
CONTIG-015011	770	21	418	447	0
CONTIG-015012	117	9	12	32	0
CONTIG-015013	67	20	4	26	0
CONTIG-015014	278	98	338	802	12
CONTIG-015015	186	20	48	60	0
CONTIG-015016	671	10	4	183	0
CONTIG-015017	283	19	22	138	9
CONTIG-015018	67	34	30	39	2
CONTIG-015019	164	23	175	66	2
CONTIG-015020	192	18	326	4	0
CONTIG-015024	85	39	5	148	0
CONTIG-015027	43	419	50	244	2
CONTIG-015028	371	21	81	228	2
CONTIG-015029	298	11	6	9	0
CONTIG-015037	334	16	195	160	0
CONTIG-015038	126	4	2	9	0
CONTIG-015039	209	129	151	668	160
CONTIG-015040	41	598	141	235	41
CONTIG-015041	143	12	24	40	0
CONTIG-015042	58	21	4	42	2
CONTIG-015043	227	7	11	21	0
CONTIG-015044	1083	20	103	866	0
CONTIG-015045	70	19	35	14	0
CONTIG-015046	331	27	255	229	2
CONTIG-015048	348	11	51	160	0
CONTIG-015049	755	29	62	334	12
CONTIG-015050	121	22	31	95	0
CONTIG-015051	527	32	109	638	18
CONTIG-015052	468	14	23	316	2
CONTIG-015053	216	8	44	38	0
CONTIG-015054	1760	20	107	1294	22
CONTIG-015055	286	8	57	45	0
CONTIG-015056	334	13	53	103	2
CONTIG-015057	540	8	32	158	0

CONTIG-015058	253	53	197	372	8
CONTIG-015059	152	6	9	19	0
CONTIG-015060	398	19	252	126	0
CONTIG-015061	165	25	108	110	0
CONTIG-015062	215	21	96	144	0
CONTIG-015063	159	5	0	19	0
CONTIG-015064	161	4	4	9	0
CONTIG-015065	753	62	162	2420	19
CONTIG-015066	88	13	16	31	0
CONTIG-015067	525	18	116	418	0
CONTIG-015068	154	6	10	9	0
CONTIG-015069	470	122	406	595	37
CONTIG-015070	370	13	10	73	4
CONTIG-015071	111	34	305	13	0
CONTIG-015073	416	11	19	65	0
CONTIG-015080	84	4	5	6	0
CONTIG-015081	979	15	97	179	0
CONTIG-015082	73	23	65	12	2
CONTIG-015083	616	77	493	1603	27
CONTIG-015084	144	5	4	21	0
CONTIG-015085	215	33	80	186	2
CONTIG-015086	117	6	3	12	0
CONTIG-015087	89	9	4	24	0
CONTIG-015088	109	658	31	3415	0
CONTIG-015090	61	20	89	9	0
CONTIG-015091	151	159	310	636	13
CONTIG-015093	341	28	203	121	4
CONTIG-015094	148	13	20	94	0
CONTIG-015097	91	12	19	40	0
CONTIG-015098	104	4	4	12	0
CONTIG-015099	214	9	46	27	0
CONTIG-015100	451	42	111	572	4
CONTIG-015101	201	5	6	27	0
CONTIG-015102	93	6	2	22	0
CONTIG-015103	246	11	32	73	0
CONTIG-015104	162	26	29	59	2
CONTIG-015105	319	35	73	135	0
CONTIG-015106	1081	12	21	592	0
CONTIG-015107	82	30	2	0	12
CONTIG-015109	294	21	77	322	0
CONTIG-015110	969	21	298	444	14
CONTIG-015111	252	12	69	92	0
CONTIG-015112	98	560	151	1775	155
CONTIG-015113	333	10	119	85	0
CONTIG-015114	48	50	127	34	0
CONTIG-015115	190	12	2	89	0
CONTIG-015116	508	16	41	357	0

CONTIG-015117	90	8	4	29	0
CONTIG-015118	214	8	44	42	0
CONTIG-015119	72	25	116	0	0
CONTIG-015120	493	32	103	469	0
CONTIG-015121	140	191	432	891	0
CONTIG-015122	710	25	96	827	4
CONTIG-015123	112	635	609	2555	191
CONTIG-015124	958	21	121	643	24
CONTIG-015125	592	12	18	79	0
CONTIG-015127	325	27	63	285	0
CONTIG-015128	288	15	13	156	0
CONTIG-015130	229	16	173	56	0
CONTIG-015131	74	18	37	0	0
CONTIG-015133	67	11	28	13	0
CONTIG-015134	63	185	89	201	58
CONTIG-015135	256	21	48	152	0
CONTIG-015136	516	13	56	80	9
CONTIG-015138	432	15	22	128	2
CONTIG-015139	481	132	24	94	0
CONTIG-015140	64	17	5	7	0
CONTIG-015141	804	44	1173	1249	0
CONTIG-015142	152	8	11	30	0
CONTIG-015143	673	12	71	256	2
CONTIG-015144	307	18	27	239	0
CONTIG-015145	613	72	705	1212	62
CONTIG-015146	98	26	100	23	0
CONTIG-015147	231	10	30	48	0
CONTIG-015148	569	38	252	599	21
CONTIG-015149	662	7	55	133	14
CONTIG-015150	59	4	5	0	0
CONTIG-015151	403	9	60	106	0
CONTIG-015153	298	24	114	100	0
CONTIG-015157	94	17	131	11	0
CONTIG-015158	72	93	93	256	0
CONTIG-015159	150	12	13	60	0
CONTIG-015160	1041	53	327	3302	2
CONTIG-015161	227	28	68	263	0
CONTIG-015162	90	23	221	2	0
CONTIG-015163	265	8	29	58	0
CONTIG-015164	420	33	147	471	10
CONTIG-015165	58	12	0	28	0
CONTIG-015166	176	12	41	67	0
CONTIG-015167	187	6	11	22	2
CONTIG-015168	328	11	72	110	0
CONTIG-015169	82	5	28	2	0
CONTIG-015170	741	15	75	626	0
CONTIG-015171	99	12	30	17	0

CONTIG-015172	828	53	217	1014	0
CONTIG-015178	390	15	27	272	0
CONTIG-015179	312	12	7	95	6
CONTIG-015180	65	172	10	209	0
CONTIG-015186	80	10	6	0	0
CONTIG-015187	67	5	0	6	0
CONTIG-015188	643	17	41	392	7
CONTIG-015189	793	17	19	412	8
CONTIG-015190	828	25	16	13	2
CONTIG-015191	108	9	8	40	0
CONTIG-015192	50	327	249	220	30
CONTIG-015193	351	7	23	54	0
CONTIG-015194	2054	20	162	909	47
CONTIG-015195	61	9	3	17	0
CONTIG-015197	393	12	11	211	2
CONTIG-015198	677	27	196	630	0
CONTIG-015199	134	19	22	70	0
CONTIG-015201	632	6	13	65	6
CONTIG-015206	60	13	17	31	0
CONTIG-015207	425	19	140	170	0
CONTIG-015208	132	7	39	4	0
CONTIG-015209	67	16	38	19	0
CONTIG-015210	140	6	8	23	2
CONTIG-015211	222	60	21	794	0
CONTIG-015212	198	6	17	30	0
CONTIG-015219	152	5	10	19	0
CONTIG-015220	168	195	441	329	97
CONTIG-015221	284	7	23	60	2
CONTIG-015222	133	10	9	6	0
CONTIG-015223	170	5	10	16	0
CONTIG-015224	68	25	77	0	0
CONTIG-015225	126	3	3	0	0
CONTIG-015226	224	19	49	99	0
CONTIG-015228	63	18	13	25	0
CONTIG-015232	194	18	101	33	3
CONTIG-015233	1235	17	189	642	0
CONTIG-015234	448	102	190	1536	70
CONTIG-015235	827	48	102	1424	9
CONTIG-015236	297	7	2	46	0
CONTIG-015237	74	63	289	2	2
CONTIG-015238	1293	31	151	1251	10
CONTIG-015239	146	5	20	2	0
CONTIG-015240	266	27	79	132	6
CONTIG-015241	161	17	58	71	0
CONTIG-015242	58	10	31	7	0
CONTIG-015243	142	79	146	203	2
CONTIG-015244	74	194	137	320	0

CONTIG-015245	223	11	6	91	0
CONTIG-015246	222	34	220	237	0
CONTIG-015247	108	12	9	43	0
CONTIG-015248	85	8	4	29	0
CONTIG-015249	47	96	31	14	0
CONTIG-015250	145	10	7	42	0
CONTIG-015251	200	11	24	77	0
CONTIG-015252	182	265	96	2125	84
CONTIG-015257	109	18	24	40	0
CONTIG-015258	303	10	28	63	0
CONTIG-015266	255	16	75	131	0
CONTIG-015267	82	2	2	0	0
CONTIG-015268	64	5	17	0	0
CONTIG-015269	443	9	64	66	2
CONTIG-015270	293	18	148	104	0
CONTIG-015271	120	184	505	731	0
CONTIG-015272	219	21	29	269	0
CONTIG-015273	185	8	2	49	0
CONTIG-015274	89	12	4	9	0
CONTIG-015276	65	27	3	63	0
CONTIG-015278	73	396	164	820	92
CONTIG-015279	150	11	17	40	0
CONTIG-015280	167	8	23	19	0
CONTIG-015281	67	5	6	2	0
CONTIG-015283	104	34	20	127	0
CONTIG-015287	124	8	30	23	0
CONTIG-015288	257	7	8	51	0
CONTIG-015289	56	66	172	40	0
CONTIG-015290	70	24	45	23	0
CONTIG-015291	95	15	57	2	0
CONTIG-015292	1066	79	421	1372	280
CONTIG-015293	131	16	24	68	0
CONTIG-015294	200	10	43	33	0
CONTIG-015295	89	75	145	38	0
CONTIG-015296	873	16	183	436	4
CONTIG-015297	79	8	8	15	0
CONTIG-015298	85	9	40	2	0
CONTIG-015299	68	3	6	0	0
CONTIG-015308	423	45	221	310	29
CONTIG-015309	899	16	39	595	4
CONTIG-015317	222	9	0	66	0
CONTIG-015318	96	13	2	0	0
CONTIG-015319	585	20	96	593	0
CONTIG-015320	117	16	42	76	0
CONTIG-015321	84	4	0	6	0
CONTIG-015322	87	11	16	5	0
CONTIG-015323	283	13	19	101	2

CONTIG-015327	178	20	19	76	0
CONTIG-015328	173	5	5	29	0
CONTIG-015329	374	26	106	211	21
CONTIG-015330	304	48	193	392	5
CONTIG-015331	389	34	219	483	0
CONTIG-015332	602	46	46	1198	0
CONTIG-015333	531	23	49	625	0
CONTIG-015336	507	26	93	434	4
CONTIG-015337	118	31	25	123	0
CONTIG-015338	63	17	68	0	0
CONTIG-015339	383	11	12	69	2
CONTIG-015340	91	4	6	3	0
CONTIG-015341	146	80	102	364	0
CONTIG-015342	413	11	63	151	2
CONTIG-015343	416	17	131	155	0
CONTIG-015344	158	6	5	12	0
CONTIG-015345	217	188	501	601	29
CONTIG-015346	104	9	15	14	0
CONTIG-015347	93	10	13	36	0
CONTIG-015348	237	323	774	1346	258
CONTIG-015349	940	33	114	1141	11
CONTIG-015350	178	11	22	27	2
CONTIG-015352	68	11	11	35	0
CONTIG-015355	94	6	13	13	0
CONTIG-015357	251	6	2	28	2
CONTIG-015358	399	14	109	167	0
CONTIG-015359	83	7	0	20	0
CONTIG-015360	1375	59	522	1689	153
CONTIG-015361	281	215	498	1220	127
CONTIG-015362	145	29	4	115	0
CONTIG-015363	190	6	5	34	0
CONTIG-015364	337	137	0	0	1004
CONTIG-015365	817	83	52	3034	72
CONTIG-015366	116	26	113	54	0
CONTIG-015367	1758	48	280	1544	19
CONTIG-015368	177	17	30	55	0
CONTIG-015369	81	4	0	0	0
CONTIG-015370	198	6	13	14	0
CONTIG-015371	157	9	4	77	0
CONTIG-015373	140	8	50	0	0
CONTIG-015374	235	13	0	6	0
CONTIG-015375	459	22	194	190	2
CONTIG-015380	129	40	42	177	0
CONTIG-015387	263	10	4	100	0
CONTIG-015388	209	28	75	238	0
CONTIG-015389	151	7	15	13	0
CONTIG-015390	170	12	115	38	0

CONTIG-015391	565	9	10	153	0
CONTIG-015392	237	8	40	18	0
CONTIG-015393	70	14	0	27	0
CONTIG-015394	134	7	5	21	0
CONTIG-015395	132	15	22	34	0
CONTIG-015396	101	10	15	39	0
CONTIG-015397	241	16	62	139	0
CONTIG-015398	216	8	3	54	0
CONTIG-015400	73	5	9	12	0
CONTIG-015401	364	19	51	217	0
CONTIG-015402	1272	20	130	918	17
CONTIG-015403	378	17	214	166	0
CONTIG-015404	332	81	11	1814	0
CONTIG-015405	701	39	221	869	10
CONTIG-015406	182	9	30	38	0
CONTIG-015407	165	14	68	59	0
CONTIG-015408	643	36	271	341	4
CONTIG-015409	277	16	44	127	0
CONTIG-015410	572	28	153	380	4
CONTIG-015411	494	15	153	117	4
CONTIG-015412	136	31	94	63	0
CONTIG-015413	829	24	55	480	20
CONTIG-015414	127	15	8	85	0
CONTIG-015415	78	10	48	2	0
CONTIG-015416	251	9	4	72	0
CONTIG-015417	144	8	23	42	0
CONTIG-015418	64	7	3	11	0
CONTIG-015419	723	9	70	228	2
CONTIG-015421	88	6	30	0	0
CONTIG-015422	262	8	20	55	0
CONTIG-015423	216	35	244	239	2
CONTIG-015424	248	27	89	249	0
CONTIG-015427	64	15	45	5	0
CONTIG-015430	935	16	53	739	2
CONTIG-015431	767	26	177	587	8
CONTIG-015432	124	11	44	17	0
CONTIG-015435	78	10	35	24	0
CONTIG-015436	399	13	2	102	0
CONTIG-015437	234	30	56	266	2
CONTIG-015438	116	7	91	0	0
CONTIG-015439	455	15	68	210	0
CONTIG-015443	78	8	41	0	0
CONTIG-015444	124	16	104	9	0
CONTIG-015445	326	61	158	360	15
CONTIG-015446	923	18	55	647	8
CONTIG-015447	66	8	0	7	0
CONTIG-015448	202	12	18	88	0

CONTIG-015449	515	9	57	141	2
CONTIG-015450	516	7	102	77	0
CONTIG-015453	674	37	191	1073	10
CONTIG-015459	702	35	308	373	19
CONTIG-015460	109	5	10	15	0
CONTIG-015461	825	17	156	351	0
CONTIG-015462	179	8	8	40	0
CONTIG-015463	239	142	38	585	242
CONTIG-015464	545	25	308	350	0
CONTIG-015465	139	8	7	42	0
CONTIG-015466	456	14	40	211	4
CONTIG-015467	425	45	61	769	11
CONTIG-015468	667	27	85	808	0
CONTIG-015469	129	7	17	15	0
CONTIG-015471	349	27	34	353	4
CONTIG-015472	438	13	9	109	2
CONTIG-015473	114	14	5	79	0
CONTIG-015474	380	13	17	181	0
CONTIG-015476	1891	24	200	1315	32
CONTIG-015479	271	13	46	112	0
CONTIG-015480	66	3	11	2	0
CONTIG-015481	145	4	2	3	0
CONTIG-015482	90	17	0	0	23
CONTIG-015483	96	22	125	0	10
CONTIG-015484	87	435	332	698	111
CONTIG-015485	1389	27	95	1135	23
CONTIG-015486	565	66	67	2397	0
CONTIG-015487	431	35	57	585	19
CONTIG-015488	112	9	26	25	0
CONTIG-015489	304	10	31	105	0
CONTIG-015490	1254	12	12	2	69
CONTIG-015491	451	15	40	216	10
CONTIG-015492	79	7	13	11	0
CONTIG-015493	188	175	604	577	47
CONTIG-015494	344	18	67	156	2
CONTIG-015497	121	10	0	34	0
CONTIG-015499	220	14	7	138	0
CONTIG-015500	1209	15	39	521	2
CONTIG-015501	326	16	64	141	5
CONTIG-015502	911	24	388	515	8
CONTIG-015503	71	66	200	53	2
CONTIG-015504	462	149	165	3314	140
CONTIG-015505	72	3	5	4	0
CONTIG-015506	82	7	4	27	0
CONTIG-015507	77	8	14	9	0
CONTIG-015508	989	31	125	789	46
CONTIG-015509	226	9	23	86	0

CONTIG-015510	84	7	9	0	0
CONTIG-015511	535	13	25	283	2
CONTIG-015512	239	61	14	0	141
CONTIG-015513	626	21	140	398	7
CONTIG-015514	79	36	14	61	0
CONTIG-015515	302	19	24	170	7
CONTIG-015516	147	6	71	4	0
CONTIG-015517	90	12	73	5	0
CONTIG-015518	217	19	16	105	0
CONTIG-015519	494	39	185	1078	0
CONTIG-015520	1199	22	329	1123	6
CONTIG-015523	235	8	14	18	0
CONTIG-015525	232	18	14	169	2
CONTIG-015532	95	5	4	8	0
CONTIG-015533	93	13	7	20	0
CONTIG-015534	142	5	4	22	0
CONTIG-015535	182	14	12	97	0
CONTIG-015536	76	16	17	51	0
CONTIG-015537	218	17	115	141	0
CONTIG-015538	110	485	124	2250	36
CONTIG-015539	87	9	9	17	0
CONTIG-015541	302	15	30	38	2
CONTIG-015544	165	5	18	11	0
CONTIG-015545	164	6	30	10	0
CONTIG-015546	879	21	113	469	10
CONTIG-015547	78	474	389	1179	27
CONTIG-015548	584	60	154	882	85
CONTIG-015549	59	21	26	42	0
CONTIG-015550	270	5	0	0	0
CONTIG-015551	158	35	196	23	0
CONTIG-015552	85	3	4	11	0
CONTIG-015553	361	11	16	97	0
CONTIG-015559	227	9	8	85	2
CONTIG-015561	635	16	143	303	0
CONTIG-015562	88	7	8	2	0
CONTIG-015567	188	27	27	282	0
CONTIG-015568	72	5	2	4	0
CONTIG-015569	638	17	74	329	0
CONTIG-015570	517	34	90	671	12
CONTIG-015575	563	182	244	5159	77
CONTIG-015576	211	9	6	60	0
CONTIG-015577	401	16	26	215	2
CONTIG-015584	94	8	18	13	0
CONTIG-015585	943	28	105	1202	4
CONTIG-015586	81	9	60	2	0
CONTIG-015587	221	10	33	43	0
CONTIG-015588	408	19	48	251	0

CONTIG-015589	548	10	2	66	0
CONTIG-015590	96	34	18	168	0
CONTIG-015591	65	5	0	10	0
CONTIG-015592	582	10	20	203	0
CONTIG-015593	125	8	6	32	2
CONTIG-015594	963	13	360	405	0
CONTIG-015595	82	33	36	67	11
CONTIG-015596	884	17	41	379	10
CONTIG-015597	97	14	13	42	0
CONTIG-015598	174	19	119	88	0
CONTIG-015603	67	11	41	0	0
CONTIG-015604	354	11	11	126	0
CONTIG-015605	203	25	176	123	0
CONTIG-015606	353	10	13	124	2
CONTIG-015607	167	8	5	38	2
CONTIG-015614	391	9	5	114	0
CONTIG-015615	212	6	7	60	0
CONTIG-015616	1068	195	207	13453	6
CONTIG-015617	1030	62	583	1383	50
CONTIG-015620	842	14	122	460	6
CONTIG-015621	142	11	22	42	0
CONTIG-015622	78	4	2	4	0
CONTIG-015623	66	5	0	9	0
CONTIG-015624	76	4	0	4	0
CONTIG-015627	323	56	93	502	2
CONTIG-015628	43	81	4	146	0
CONTIG-015629	1795	51	154	3625	229
CONTIG-015633	234	25	144	209	0
CONTIG-015634	93	249	64	300	750
CONTIG-015640	390	16	64	171	2
CONTIG-015641	171	11	4	8	5
CONTIG-015642	99	11	19	35	0
CONTIG-015643	1757	21	156	1037	0
CONTIG-015644	1333	52	238	4387	0
CONTIG-015645	268	12	8	105	2
CONTIG-015646	821	26	137	1183	0
CONTIG-015647	629	64	546	1163	92
CONTIG-015648	332	15	47	175	0
CONTIG-015649	61	13	31	13	0
CONTIG-015650	778	11	61	424	0
CONTIG-015651	296	14	48	76	0
CONTIG-015652	261	13	100	65	0
CONTIG-015653	158	10	0	58	0
CONTIG-015654	517	55	232	1128	22
CONTIG-015655	557	25	91	463	4
CONTIG-015656	45	115	49	37	0
CONTIG-015657	67	9	53	6	0

CONTIG-015659	167	10	12	56	2
CONTIG-015660	603	19	80	361	0
CONTIG-015663	102	9	44	0	0
CONTIG-015664	115	6	12	16	0
CONTIG-015665	348	12	45	90	0
CONTIG-015671	85	11	14	5	0
CONTIG-015672	70	41	15	82	0
CONTIG-015674	44	208	317	53	0
CONTIG-015675	217	30	78	339	0
CONTIG-015676	283	9	53	50	0
CONTIG-015677	192	13	29	92	0
CONTIG-015682	618	17	60	368	2
CONTIG-015683	641	18	84	380	2
CONTIG-015684	278	10	9	91	0
CONTIG-015685	1772	24	272	1239	30
CONTIG-015690	292	27	51	296	4
CONTIG-015691	541	11	50	103	0
CONTIG-015692	572	18	34	354	2
CONTIG-015693	241	7	29	39	0
CONTIG-015694	69	7	2	21	0
CONTIG-015695	596	40	138	495	0
CONTIG-015696	305	27	114	236	2
CONTIG-015697	84	8	8	23	0
CONTIG-015699	171	96	187	716	4
CONTIG-015701	732	12	61	299	0
CONTIG-015702	526	13	23	319	2
CONTIG-015703	420	11	64	121	0
CONTIG-015704	635	8	2	116	2
CONTIG-015707	53	419	186	490	59
CONTIG-015708	163	20	25	82	0
CONTIG-015709	155	45	303	41	0
CONTIG-015710	133	60	105	137	11
CONTIG-015711	131	12	4	44	0
CONTIG-015712	94	8	7	26	0
CONTIG-015714	224	25	159	177	0
CONTIG-015716	233	8	6	63	0
CONTIG-015717	314	12	63	62	6
CONTIG-015719	367	14	8	182	3
CONTIG-015720	299	13	31	116	2
CONTIG-015721	67	4	13	0	0
CONTIG-015722	111	3	2	8	0
CONTIG-015723	190	14	29	109	2
CONTIG-015724	550	23	172	484	0
CONTIG-015725	258	172	101	1802	227
CONTIG-015726	442	25	320	177	2
CONTIG-015727	84	19	13	40	0
CONTIG-015728	180	8	22	26	0

CONTIG-015729	146	19	21	92	0
CONTIG-015731	271	21	61	74	2
CONTIG-015732	177	13	9	92	0
CONTIG-015733	187	8	16	40	0
CONTIG-015734	221	3	4	9	0
CONTIG-015735	135	5	0	17	0
CONTIG-015736	113	6	2	0	0
CONTIG-015737	329	11	35	84	0
CONTIG-015738	174	13	6	85	0
CONTIG-015739	120	9	2	20	0
CONTIG-015740	97	28	112	6	0
CONTIG-015741	38	951	370	103	7
CONTIG-015742	68	4	4	8	0
CONTIG-015743	175	8	4	29	2
CONTIG-015744	132	376	61	2210	2
CONTIG-015745	79	26	0	34	0
CONTIG-015746	245	12	74	31	0
CONTIG-015747	325	13	13	49	4
CONTIG-015748	106	241	174	681	63
CONTIG-015749	204	24	125	156	0
CONTIG-015750	440	13	67	107	0
CONTIG-015751	1347	15	23	652	0
CONTIG-015761	608	19	98	330	0
CONTIG-015762	104	6	2	18	0
CONTIG-015763	459	35	196	225	16
CONTIG-015764	630	34	26	19	0
CONTIG-015765	1071	13	93	109	55
CONTIG-015766	191	8	37	47	0
CONTIG-015767	462	17	35	169	16
CONTIG-015768	2388	41	310	4720	48
CONTIG-015769	903	23	106	467	4
CONTIG-015771	78	22	131	0	0
CONTIG-015772	460	18	130	168	0
CONTIG-015773	220	7	3	41	0
CONTIG-015774	103	30	24	137	3
CONTIG-015775	145	7	9	17	0
CONTIG-015776	489	66	260	958	26
CONTIG-015777	66	6	4	7	0
CONTIG-015778	383	21	153	175	2
CONTIG-015779	879	23	130	578	6
CONTIG-015787	103	50	71	33	0
CONTIG-015788	183	7	13	19	0
CONTIG-015789	723	35	132	639	23
CONTIG-015790	1194	34	177	2334	0
CONTIG-015791	480	8	25	80	0
CONTIG-015792	366	10	130	68	0
CONTIG-015793	80	15	28	16	0

CONTIG-015794	334	28	114	293	6
CONTIG-015795	83	22	7	74	0
CONTIG-015799	199	6	7	25	0
CONTIG-015800	166	13	2	77	0
CONTIG-015806	131	6	14	23	0
CONTIG-015807	173	6	9	14	0
CONTIG-015808	309	27	118	107	0
CONTIG-015809	765	49	194	1105	63
CONTIG-015810	811	86	634	3091	161
CONTIG-015811	105	8	9	22	0
CONTIG-015812	118	31	35	98	2
CONTIG-015813	93	567	535	583	69
CONTIG-015814	286	7	15	23	0
CONTIG-015815	131	28	96	122	0
CONTIG-015816	1096	21	155	667	4
CONTIG-015817	58	88	129	141	0
CONTIG-015824	91	11	10	25	0
CONTIG-015825	157	4	6	6	0
CONTIG-015826	250	18	166	54	0
CONTIG-015829	72	6	25	10	0
CONTIG-015830	216	12	7	67	0
CONTIG-015831	257	8	59	38	2
CONTIG-015832	79	8	18	7	0
CONTIG-015833	279	6	22	4	0
CONTIG-015834	165	11	3	37	0
CONTIG-015835	61	4	2	2	0
CONTIG-015839	129	10	20	26	0
CONTIG-015840	52	240	74	238	40
CONTIG-015842	63	2	2	2	0
CONTIG-015843	61	6	2	8	0
CONTIG-015844	126	56	23	332	0
CONTIG-015847	150	7	6	38	0
CONTIG-015848	229	26	148	146	0
CONTIG-015849	233	699	74	22	4
CONTIG-015850	357	136	113	1375	142
CONTIG-015851	426	27	214	328	2
CONTIG-015852	294	11	50	119	0
CONTIG-015853	423	43	103	545	15
CONTIG-015854	238	132	51	28	2
CONTIG-015859	217	8	24	53	0
CONTIG-015860	202	10	22	2	0
CONTIG-015863	198	235	52	0	0
CONTIG-015864	316	17	106	156	0
CONTIG-015865	256	12	17	59	2
CONTIG-015866	206	10	4	5	0
CONTIG-015867	185	9	41	30	0
CONTIG-015868	171	10	5	46	0

CONTIG-015869	314	12	38	67	0
CONTIG-015870	1154	28	34	1287	8
CONTIG-015871	244	16	129	123	0
CONTIG-015872	144	54	271	52	0
CONTIG-015873	150	12	122	29	0
CONTIG-015874	1899	36	128	2014	237
CONTIG-015876	1126	24	294	793	0
CONTIG-015878	209	17	39	135	0
CONTIG-015879	107	5	10	5	0
CONTIG-015880	483	153	95	2037	0
CONTIG-015881	945	32	94	963	19
CONTIG-015882	129	5	12	12	0
CONTIG-015888	150	7	2	35	0
CONTIG-015891	204	25	113	125	2
CONTIG-015895	157	6	0	24	0
CONTIG-015896	113	7	58	12	0
CONTIG-015897	98	47	48	132	2
CONTIG-015898	449	28	246	236	9
CONTIG-015899	238	12	44	82	0
CONTIG-015900	2406	72	219	4133	1105
CONTIG-015901	119	5	15	8	0
CONTIG-015903	171	24	4	91	0
CONTIG-015904	175	6	11	25	0
CONTIG-015905	108	121	362	170	51
CONTIG-015906	159	7	9	25	0
CONTIG-015907	206	15	98	60	0
CONTIG-015908	82	11	4	32	2
CONTIG-015909	543	27	213	329	5
CONTIG-015910	185	8	2	39	0
CONTIG-015911	356	11	46	85	0
CONTIG-015912	612	25	93	510	2
CONTIG-015913	2332	39	96	4706	45
CONTIG-015915	320	21	81	248	0
CONTIG-015916	209	5	14	32	0
CONTIG-015917	561	11	4	169	0
CONTIG-015918	100	256	323	793	76
CONTIG-015919	150	11	52	41	0
CONTIG-015920	130	129	65	549	22
CONTIG-015921	345	13	8	185	2
CONTIG-015928	303	19	100	105	2
CONTIG-015929	774	15	88	473	0
CONTIG-015930	268	23	110	257	0
CONTIG-015937	45	549	235	339	47
CONTIG-015938	212	229	2419	236	40
CONTIG-015939	135	19	200	38	0
CONTIG-015942	284	23	34	294	0
CONTIG-015943	409	30	105	295	8

CONTIG-015944	71	11	4	13	2
CONTIG-015945	300	12	15	94	2
CONTIG-015946	98	4	5	9	0
CONTIG-015948	193	7	9	37	0
CONTIG-015949	249	15	25	118	0
CONTIG-015950	464	12	23	186	0
CONTIG-015951	341	14	39	111	2
CONTIG-015952	37	169	238	112	21
CONTIG-015953	61	8	25	3	0
CONTIG-015958	333	19	228	162	0
CONTIG-015959	593	34	77	1151	2
CONTIG-015960	154	32	22	156	0
CONTIG-015961	156	67	2	17	0
CONTIG-015963	232	48	244	279	0
CONTIG-015965	244	17	126	87	0
CONTIG-015966	354	11	53	77	2
CONTIG-015967	1599	31	205	2744	4
CONTIG-015968	399	15	48	173	0
CONTIG-015969	256	33	158	223	2
CONTIG-015970	76	5	7	0	0
CONTIG-015971	330	9	58	80	0
CONTIG-015972	431	20	39	355	0
CONTIG-015973	341	49	91	914	0
CONTIG-015974	582	36	72	1147	0
CONTIG-015975	516	16	66	175	0
CONTIG-015977	443	100	324	1512	94
CONTIG-015978	122	6	5	21	0
CONTIG-015979	409	17	44	143	12
CONTIG-015980	757	11	20	320	0
CONTIG-015981	70	5	2	16	0
CONTIG-015982	617	40	144	992	2
CONTIG-015984	315	12	28	87	2
CONTIG-015985	221	32	170	91	0
CONTIG-015986	96	8	4	31	0
CONTIG-015992	489	14	276	200	0
CONTIG-015993	70	11	52	0	0
CONTIG-015995	727	13	32	378	6
CONTIG-015996	146	20	20	141	0
CONTIG-015997	150	10	13	39	4
CONTIG-015998	210	40	149	176	5
CONTIG-015999	916	29	67	1424	2
CONTIG-016000	75	7	4	11	0
CONTIG-016004	394	10	17	121	4
CONTIG-016005	183	16	102	22	0
CONTIG-016006	241	17	61	77	2
CONTIG-016009	107	120	149	127	0
CONTIG-016010	685	62	663	603	106

CONTIG-016014	333	12	38	104	4
CONTIG-016015	481	12	18	181	4
CONTIG-016019	193	12	18	45	0
CONTIG-016020	97	22	11	43	0
CONTIG-016021	118	5	9	13	0
CONTIG-016022	82	8	2	25	0
CONTIG-016023	111	12	67	19	0
CONTIG-016024	99	6	20	4	0
CONTIG-016025	297	30	16	83	0
CONTIG-016026	359	12	42	142	0
CONTIG-016027	218	8	29	35	0
CONTIG-016028	612	15	21	18	51
CONTIG-016029	80	174	378	31	5
CONTIG-016030	70	7	24	0	0
CONTIG-016031	510	23	111	569	2
CONTIG-016032	242	16	2	81	2
CONTIG-016034	131	28	31	131	0
CONTIG-016035	1009	63	683	2706	11
CONTIG-016036	61	7	10	10	0
CONTIG-016037	122	6	2	6	0
CONTIG-016038	377	7	4	19	0
CONTIG-016039	372	27	200	288	2
CONTIG-016040	97	10	37	2	0
CONTIG-016041	349	27	31	260	0
CONTIG-016042	224	6	9	50	0
CONTIG-016043	227	13	36	79	0
CONTIG-016044	236	31	29	84	2
CONTIG-016047	663	125	271	5144	0
CONTIG-016048	94	5	2	19	0
CONTIG-016049	504	27	164	251	6
CONTIG-016050	490	19	79	519	0
CONTIG-016051	78	10	11	34	0
CONTIG-016052	536	15	95	182	4
CONTIG-016053	483	15	19	190	0
CONTIG-016054	98	22	34	31	0
CONTIG-016055	219	9	12	48	2
CONTIG-016056	332	11	53	93	0
CONTIG-016057	125	3	10	4	0
CONTIG-016058	514	25	212	216	0
CONTIG-016059	620	8	64	134	0
CONTIG-016060	151	6	61	12	0
CONTIG-016063	115	5	14	6	0
CONTIG-016064	55	81	22	150	0
CONTIG-016065	130	13	15	10	0
CONTIG-016066	352	13	58	167	0
CONTIG-016067	96	12	50	20	0
CONTIG-016068	87	5	6	12	0

CONTIG-016069	393	22	521	155	2
CONTIG-016070	577	15	42	218	0
CONTIG-016071	181	11	51	22	0
CONTIG-016072	80	35	211	14	0
CONTIG-016073	206	10	72	58	0
CONTIG-016074	339	8	14	141	0
CONTIG-016075	73	4	5	7	0
CONTIG-016076	337	19	66	184	0
CONTIG-016077	69	763	425	14	1235
CONTIG-016079	1107	22	17	925	13
CONTIG-016080	185	10	9	36	3
CONTIG-016081	237	7	0	51	0
CONTIG-016082	312	21	122	164	2
CONTIG-016083	265	16	95	124	0
CONTIG-016084	600	37	362	527	7
CONTIG-016085	151	11	19	76	0
CONTIG-016087	142	11	26	8	0
CONTIG-016088	164	18	147	41	0
CONTIG-016089	197	93	201	663	2
CONTIG-016090	60	166	94	250	5
CONTIG-016091	103	5	10	2	0
CONTIG-016092	154	7	29	27	0
CONTIG-016093	96	7	2	15	0
CONTIG-016094	247	135	95	1164	54
CONTIG-016095	370	9	91	45	0
CONTIG-016096	937	19	532	165	0
CONTIG-016097	481	37	78	180	0
CONTIG-016098	1213	31	44	2186	0
CONTIG-016099	122	4	3	14	0
CONTIG-016100	58	242	19	626	25
CONTIG-016101	329	7	17	41	0
CONTIG-016102	166	11	38	63	0
CONTIG-016103	323	22	24	52	2
CONTIG-016104	382	20	45	241	0
CONTIG-016105	195	9	24	81	0
CONTIG-016106	606	16	138	112	6
CONTIG-016107	642	12	58	239	0
CONTIG-016114	463	44	212	681	13
CONTIG-016115	45	48	9	56	0
CONTIG-016116	369	19	150	182	0
CONTIG-016117	162	15	167	24	0
CONTIG-016119	228	22	136	78	0
CONTIG-016120	455	12	117	195	0
CONTIG-016121	185	23	45	84	2
CONTIG-016122	420	16	66	235	4
CONTIG-016123	65	4	6	2	0
CONTIG-016124	1086	17	15	511	35

CONTIG-016125	377	7	11	57	0
CONTIG-016126	51	190	106	149	0
CONTIG-016127	303	23	55	210	2
CONTIG-016128	329	8	22	54	0
CONTIG-016129	102	12	7	36	0
CONTIG-016130	103	67	10	148	22
CONTIG-016131	816	44	641	1129	16
CONTIG-016132	1423	16	372	426	14
CONTIG-016133	320	12	19	134	0
CONTIG-016134	138	5	3	20	0
CONTIG-016135	264	16	53	185	0
CONTIG-016136	568	13	54	269	2
CONTIG-016137	200	11	31	53	0
CONTIG-016138	196	11	23	58	0
CONTIG-016139	436	18	265	185	0
CONTIG-016140	125	18	84	35	7
CONTIG-016141	191	15	35	87	0
CONTIG-016142	659	16	71	295	4
CONTIG-016143	177	14	146	31	0
CONTIG-016144	411	13	41	142	0
CONTIG-016145	88	31	175	56	0
CONTIG-016146	64	6	4	2	0
CONTIG-016147	781	20	281	431	0
CONTIG-016148	152	14	56	33	0
CONTIG-016149	82	26	39	70	0
CONTIG-016150	891	24	134	1127	0
CONTIG-016151	124	6	20	11	0
CONTIG-016152	92	14	5	48	2
CONTIG-016153	108	20	57	10	0
CONTIG-016155	70	11	16	25	2
CONTIG-016156	97	8	2	30	0
CONTIG-016157	42	89	29	89	0
CONTIG-016158	117	28	53	31	0
CONTIG-016159	95	6	10	2	0
CONTIG-016160	685	8	137	98	2
CONTIG-016161	212	7	10	57	0
CONTIG-016162	110	39	113	47	0
CONTIG-016163	1225	37	318	2435	0
CONTIG-016164	960	55	273	2693	6
CONTIG-016167	494	35	96	245	62
CONTIG-016168	69	595	398	954	139
CONTIG-016169	202	21	12	155	8
CONTIG-016170	179	12	16	82	0
CONTIG-016171	156	149	358	457	64
CONTIG-016172	145	16	25	63	0
CONTIG-016173	263	154	242	1159	51
CONTIG-016174	812	25	82	1030	0

CONTIG-016175	174	11	13	49	0
CONTIG-016176	584	37	214	1048	0
CONTIG-016177	312	14	54	122	0
CONTIG-016178	369	9	31	54	0
CONTIG-016179	364	7	25	43	0
CONTIG-016180	348	19	123	314	0
CONTIG-016181	185	21	26	104	0
CONTIG-016182	151	4	2	0	0
CONTIG-016183	93	15	29	14	0
CONTIG-016184	39	159	22	0	0
CONTIG-016185	66	9	26	9	0
CONTIG-016186	396	56	147	546	14
CONTIG-016187	75	8	12	14	0
CONTIG-016188	936	25	63	1039	2
CONTIG-016189	80	9	5	13	0
CONTIG-016190	155	6	11	17	0
CONTIG-016191	210	9	45	34	0
CONTIG-016192	66	27	32	62	2
CONTIG-016193	617	11	34	127	0
CONTIG-016194	196	12	88	33	0
CONTIG-016195	193	9	38	35	0
CONTIG-016196	168	43	176	37	4
CONTIG-016197	39	317	65	405	8
CONTIG-016198	58	6	5	0	0
CONTIG-016199	74	5	6	9	0
CONTIG-016200	212	11	8	106	0
CONTIG-016205	812	29	53	51	0
CONTIG-016206	713	30	370	707	2
CONTIG-016207	146	14	47	49	0
CONTIG-016208	656	14	166	218	2
CONTIG-016209	263	22	21	296	5
CONTIG-016210	167	19	31	119	0
CONTIG-016211	250	99	157	493	38
CONTIG-016212	544	19	127	233	0
CONTIG-016213	193	11	90	9	0
CONTIG-016219	198	8	19	47	0
CONTIG-016220	685	16	77	257	0
CONTIG-016221	145	13	48	10	0
CONTIG-016223	121	63	45	249	5
CONTIG-016224	77	3	6	2	0
CONTIG-016225	114	28	54	159	0
CONTIG-016226	426	18	74	92	0
CONTIG-016227	598	9	34	166	0
CONTIG-016228	721	26	213	914	2
CONTIG-016229	82	16	74	0	0
CONTIG-016230	167	4	14	12	0
CONTIG-016232	345	16	108	139	0

CONTIG-016233	100	28	19	55	0
CONTIG-016234	198	34	218	76	2
CONTIG-016235	137	10	55	23	0
CONTIG-016236	460	75	274	1150	119
CONTIG-016237	259	29	205	146	0
CONTIG-016245	220	12	48	79	0
CONTIG-016247	71	74	177	102	0
CONTIG-016248	683	11	29	110	0
CONTIG-016249	295	11	108	106	0
CONTIG-016250	466	11	36	148	0
CONTIG-016251	115	5	10	23	0
CONTIG-016259	75	5	3	9	0
CONTIG-016260	78	4	2	9	0
CONTIG-016262	59	5	6	13	0
CONTIG-016267	113	16	10	27	0
CONTIG-016268	254	10	11	57	0
CONTIG-016272	674	16	2	0	55
CONTIG-016273	79	24	129	10	0
CONTIG-016274	255	14	79	46	0
CONTIG-016280	490	41	257	936	0
CONTIG-016281	451	118	275	1307	242
CONTIG-016285	63	99	51	160	0
CONTIG-016286	419	18	59	111	0
CONTIG-016287	102	24	14	129	0
CONTIG-016288	57	186	34	195	6
CONTIG-016290	238	15	39	90	2
CONTIG-016291	136	34	63	184	0
CONTIG-016292	1118	141	187	10272	2
CONTIG-016293	399	11	49	59	0
CONTIG-016294	354	12	97	157	0
CONTIG-016295	114	276	392	636	53
CONTIG-016296	525	21	130	449	0
CONTIG-016297	63	6	4	10	0
CONTIG-016300	318	10	66	66	2
CONTIG-016301	266	13	26	168	0
CONTIG-016302	512	12	38	104	6
CONTIG-016303	70	11	67	0	0
CONTIG-016307	92	26	41	118	0
CONTIG-016309	887	28	406	1184	0
CONTIG-016310	252	30	119	335	0
CONTIG-016311	258	14	14	147	2
CONTIG-016312	179	14	83	51	6
CONTIG-016313	315	43	676	381	2
CONTIG-016314	478	20	167	178	2
CONTIG-016315	123	14	12	72	0
CONTIG-016316	92	8	7	10	0
CONTIG-016317	65	10	14	18	0

CONTIG-016318	1600	24	319	1082	33
CONTIG-016319	93	258	184	589	83
CONTIG-016320	65	158	68	399	3
CONTIG-016321	81	271	133	250	15
CONTIG-016322	129	4	0	12	0
CONTIG-016323	63	11	68	0	2
CONTIG-016324	105	56	72	157	0
CONTIG-016325	1092	34	690	1376	8
CONTIG-016328	202	8	11	61	0
CONTIG-016329	132	5	5	18	0
CONTIG-016330	742	14	73	339	4
CONTIG-016331	354	41	126	228	6
CONTIG-016332	162	5	16	13	0
CONTIG-016333	432	30	140	273	17
CONTIG-016334	80	55	95	140	0
CONTIG-016339	251	14	54	138	0
CONTIG-016340	77	9	19	0	0
CONTIG-016341	287	38	123	138	0
CONTIG-016344	168	10	74	17	0
CONTIG-016345	734	15	59	256	2
CONTIG-016346	197	20	30	201	0
CONTIG-016347	102	14	23	12	0
CONTIG-016348	92	96	94	423	6
CONTIG-016349	604	30	129	488	0
CONTIG-016350	215	35	62	388	0
CONTIG-016351	473	12	12	166	4
CONTIG-016352	340	18	129	173	4
CONTIG-016353	60	5	3	6	0
CONTIG-016354	385	8	75	40	0
CONTIG-016355	319	11	14	138	8
CONTIG-016356	293	35	68	225	4
CONTIG-016359	67	4	3	5	0
CONTIG-016360	148	8	14	30	0
CONTIG-016361	396	14	45	244	0
CONTIG-016362	64	319	22	233	0
CONTIG-016363	383	15	91	176	0
CONTIG-016364	263	6	3	22	0
CONTIG-016365	1275	24	438	1285	0
CONTIG-016367	517	49	214	678	4
CONTIG-016368	159	10	6	30	0
CONTIG-016369	623	14	131	172	0
CONTIG-016370	69	3	0	2	0
CONTIG-016374	275	68	141	478	12
CONTIG-016375	70	6	0	0	0
CONTIG-016377	316	15	16	166	0
CONTIG-016379	255	29	171	229	5
CONTIG-016381	84	4	2	2	0

CONTIG-016382	97	5	14	4	0
CONTIG-016383	88	3	8	5	0
CONTIG-016384	548	17	37	278	2
CONTIG-016385	180	7	15	40	0
CONTIG-016386	540	72	113	1135	129
CONTIG-016387	612	18	107	399	0
CONTIG-016388	386	20	93	350	0
CONTIG-016389	97	5	4	13	0
CONTIG-016390	113	14	6	58	0
CONTIG-016391	77	22	59	37	2
CONTIG-016392	129	19	30	114	0
CONTIG-016393	259	17	19	198	0
CONTIG-016394	768	22	260	462	24
CONTIG-016395	287	11	33	65	2
CONTIG-016396	65	13	17	4	0
CONTIG-016397	172	17	48	28	2
CONTIG-016398	249	7	11	29	0
CONTIG-016399	135	7	9	13	0
CONTIG-016401	255	19	50	212	2
CONTIG-016402	694	17	153	224	4
CONTIG-016403	443	9	99	79	0
CONTIG-016404	254	9	12	71	0
CONTIG-016405	457	8	16	147	0
CONTIG-016406	113	868	111	0	0
CONTIG-016407	780	17	90	321	4
CONTIG-016408	487	37	25	596	30
CONTIG-016409	263	9	5	98	0
CONTIG-016410	271	43	133	249	6
CONTIG-016411	840	17	189	397	2
CONTIG-016412	486	11	21	105	4
CONTIG-016413	188	7	5	36	0
CONTIG-016414	215	9	7	44	0
CONTIG-016415	198	10	0	82	2
CONTIG-016420	379	14	64	119	5
CONTIG-016421	398	16	61	215	4
CONTIG-016422	594	13	35	222	0
CONTIG-016423	128	6	14	13	0
CONTIG-016424	226	8	34	59	0
CONTIG-016426	628	17	62	130	0
CONTIG-016432	144	10	16	59	0
CONTIG-016433	296	13	23	111	4
CONTIG-016434	60	8	8	17	0
CONTIG-016435	73	7	0	8	0
CONTIG-016436	68	5	3	8	0
CONTIG-016437	86	6	7	8	0
CONTIG-016438	164	57	244	135	0
CONTIG-016439	61	6	3	13	0

CONTIG-016440	181	7	7	35	2
CONTIG-016441	373	21	121	246	0
CONTIG-016446	402	9	26	91	0
CONTIG-016447	62	475	359	1145	7
CONTIG-016449	407	37	62	382	12
CONTIG-016451	101	10	15	29	0
CONTIG-016452	49	421	155	597	0
CONTIG-016458	59	1353	90	3674	0
CONTIG-016459	59	6	7	10	0
CONTIG-016460	57	71	0	230	0
CONTIG-016470	191	53	26	286	17
CONTIG-016476	85	10	71	2	0
CONTIG-016477	477	10	19	233	0
CONTIG-016478	651	14	142	231	12
CONTIG-016480	198	29	14	98	0
CONTIG-016481	50	83	22	90	0
CONTIG-016482	254	99	257	415	53
CONTIG-016483	67	5	22	2	0
CONTIG-016484	86	6	26	6	0
CONTIG-016485	138	10	21	43	0
CONTIG-016486	71	5	11	0	0
CONTIG-016487	158	15	45	58	0
CONTIG-016490	195	12	67	18	0
CONTIG-016498	145	5	36	0	0
CONTIG-016499	132	9	16	7	0
CONTIG-016500	683	30	281	721	2
CONTIG-016501	55	11	2	16	0
CONTIG-016502	190	9	9	19	0
CONTIG-016503	326	24	15	283	13
CONTIG-016504	558	24	171	357	12
CONTIG-016505	365	14	22	81	0
CONTIG-016506	186	7	9	49	0
CONTIG-016507	79	23	17	48	2
CONTIG-016508	560	20	289	389	0
CONTIG-016509	62	4	2	0	0
CONTIG-016510	438	15	39	210	2
CONTIG-016514	135	53	86	128	27
CONTIG-016515	197	9	31	60	0
CONTIG-016516	74	360	36	1189	21
CONTIG-016517	97	11	10	12	0
CONTIG-016518	63	7	10	6	0
CONTIG-016520	381	22	654	113	0
CONTIG-016521	158	23	16	159	2
CONTIG-016522	205	7	70	16	0
CONTIG-016523	109	9	79	6	0
CONTIG-016524	133	8	4	33	0
CONTIG-016525	632	43	210	475	4

CONTIG-016526	259	7	21	39	0
CONTIG-016527	1129	19	207	555	2
CONTIG-016528	429	17	28	239	0
CONTIG-016529	259	9	26	41	0
CONTIG-016530	138	26	25	87	2
CONTIG-016532	670	15	62	237	38
CONTIG-016533	62	10	9	7	0
CONTIG-016539	225	11	66	53	0
CONTIG-016540	116	17	36	59	0
CONTIG-016541	121	8	7	0	4
CONTIG-016542	81	7	19	3	0
CONTIG-016543	250	8	5	75	0
CONTIG-016544	345	32	124	338	2
CONTIG-016545	223	22	30	123	0
CONTIG-016546	224	33	155	245	0
CONTIG-016547	265	22	7	160	0
CONTIG-016549	210	5	37	9	0
CONTIG-016550	566	11	21	115	0
CONTIG-016551	78	2	4	0	0
CONTIG-016552	1092	38	126	1731	0
CONTIG-016553	389	35	163	541	2
CONTIG-016554	631	53	203	573	6
CONTIG-016555	149	10	0	62	0
CONTIG-016556	62	63	51	44	2
CONTIG-016557	275	27	62	211	0
CONTIG-016558	55	96	22	169	0
CONTIG-016559	476	22	87	456	0
CONTIG-016560	74	234	6	631	51
CONTIG-016561	898	37	474	1410	4
CONTIG-016562	68	5	4	5	0
CONTIG-016563	177	208	126	1545	38
CONTIG-016564	335	9	33	135	0
CONTIG-016565	381	14	32	103	0
CONTIG-016566	83	19	138	10	0
CONTIG-016567	201	7	12	35	0
CONTIG-016568	613	15	131	347	0
CONTIG-016569	124	5	0	10	0
CONTIG-016570	49	132	30	142	2
CONTIG-016571	116	20	50	27	0
CONTIG-016572	265	8	32	67	0
CONTIG-016573	92	1197	234	2312	867
CONTIG-016574	297	16	33	196	0
CONTIG-016575	183	10	56	19	0
CONTIG-016576	302	15	105	115	0
CONTIG-016577	849	38	745	904	2
CONTIG-016580	163	15	157	24	0
CONTIG-016584	185	13	12	52	0

CONTIG-016585	128	7	6	28	2
CONTIG-016586	148	8	2	28	0
CONTIG-016587	186	12	8	71	4
CONTIG-016591	123	17	93	21	0
CONTIG-016594	62	247	169	185	379
CONTIG-016595	68	6	5	2	0
CONTIG-016596	723	53	441	982	77
CONTIG-016597	252	381	263	3658	214
CONTIG-016598	141	6	2	0	0
CONTIG-016599	69	14	56	3	0
CONTIG-016600	136	7	10	27	0
CONTIG-016601	83	15	18	44	0
CONTIG-016602	499	30	116	697	0
CONTIG-016603	103	17	115	13	0
CONTIG-016605	284	16	44	66	3
CONTIG-016606	79	199	15	780	0
CONTIG-016607	225	120	26	1314	0
CONTIG-016608	330	41	109	74	2
CONTIG-016609	63	2	3	2	0
CONTIG-016610	115	33	192	79	4
CONTIG-016612	236	93	234	811	15
CONTIG-016613	297	12	0	0	14
CONTIG-016614	217	17	96	69	0
CONTIG-016615	87	10	8	36	0
CONTIG-016616	182	9	38	43	0
CONTIG-016617	222	23	74	46	0
CONTIG-016618	309	16	63	148	0
CONTIG-016619	265	176	161	2850	0
CONTIG-016620	92	16	53	6	0
CONTIG-016621	1076	18	44	475	6
CONTIG-016622	743	12	119	405	0
CONTIG-016623	261	9	28	39	0
CONTIG-016624	142	10	84	22	0
CONTIG-016625	491	17	83	194	2
CONTIG-016626	141	10	34	32	2
CONTIG-016627	518	30	128	496	0
CONTIG-016628	114	39	94	7	0
CONTIG-016630	427	34	35	247	35
CONTIG-016632	69	8	21	2	0
CONTIG-016635	179	10	12	60	0
CONTIG-016636	732	17	52	422	2
CONTIG-016637	145	5	6	11	0
CONTIG-016639	301	11	16	110	0
CONTIG-016640	249	15	35	129	2
CONTIG-016641	165	12	18	58	0
CONTIG-016642	105	7	4	24	0
CONTIG-016643	229	9	90	39	0

CONTIG-016644	533	20	59	84	0
CONTIG-016646	141	10	37	44	0
CONTIG-016647	549	17	106	439	0
CONTIG-016648	672	22	48	442	7
CONTIG-016649	520	10	49	176	0
CONTIG-016650	138	13	61	7	2
CONTIG-016651	389	14	89	85	2
CONTIG-016652	172	5	0	27	0
CONTIG-016653	1894	54	160	6439	2
CONTIG-016655	458	24	73	226	16
CONTIG-016656	228	407	213	4496	6
CONTIG-016657	166	4	8	21	0
CONTIG-016658	160	10	22	26	0
CONTIG-016659	126	7	7	40	0
CONTIG-016660	230	6	8	34	2
CONTIG-016661	62	20	9	11	5
CONTIG-016662	645	17	38	452	0
CONTIG-016663	721	28	362	869	0
CONTIG-016664	102	19	24	3	0
CONTIG-016671	380	8	39	123	0
CONTIG-016672	392	25	45	292	0
CONTIG-016673	650	18	45	304	7
CONTIG-016674	355	9	18	130	0
CONTIG-016675	161	13	12	14	0
CONTIG-016676	650	81	251	1706	51
CONTIG-016677	282	20	60	201	7
CONTIG-016679	104	17	24	15	0
CONTIG-016680	350	28	90	246	6
CONTIG-016681	637	44	147	1074	64
CONTIG-016682	573	20	195	309	2
CONTIG-016683	77	18	118	6	0
CONTIG-016684	313	10	25	59	0
CONTIG-016685	99	529	369	1559	73
CONTIG-016686	41	189	8	199	0
CONTIG-016687	94	53	13	119	0
CONTIG-016688	95	8	7	21	0
CONTIG-016689	73	4	6	0	0
CONTIG-016690	210	20	121	136	0
CONTIG-016691	452	11	32	165	2
CONTIG-016692	64	244	301	199	11
CONTIG-016693	503	17	86	216	0
CONTIG-016694	252	9	30	39	0
CONTIG-016695	213	39	139	205	48
CONTIG-016696	732	31	53	1193	12
CONTIG-016697	72	7	9	4	0
CONTIG-016698	126	10	31	9	0
CONTIG-016699	140	19	33	94	0

CONTIG-016700	163	8	59	33	0
CONTIG-016701	207	8	67	0	2
CONTIG-016702	86	4	7	4	0
CONTIG-016703	71	15	27	2	0
CONTIG-016705	150	12	31	40	0
CONTIG-016706	102	4	10	13	0
CONTIG-016707	480	12	181	152	0
CONTIG-016708	173	11	33	36	0
CONTIG-016709	241	16	26	109	0
CONTIG-016710	116	4	0	13	0
CONTIG-016711	135	14	61	44	0
CONTIG-016712	59	9	10	0	0
CONTIG-016713	96	6	23	9	0
CONTIG-016714	227	15	38	114	8
CONTIG-016715	238	7	2	47	0
CONTIG-016716	876	43	195	855	81
CONTIG-016717	178	16	3	134	0
CONTIG-016719	80	10	17	24	0
CONTIG-016720	187	12	56	49	2
CONTIG-016721	402	11	4	108	6
CONTIG-016722	287	52	117	302	2
CONTIG-016723	256	10	2	10	0
CONTIG-016724	137	26	220	0	2
CONTIG-016734	89	6	3	9	0
CONTIG-016735	111	7	18	0	0
CONTIG-016736	122	7	5	24	0
CONTIG-016737	198	21	102	39	4
CONTIG-016738	75	19	57	19	0
CONTIG-016739	156	7	9	55	0
CONTIG-016740	310	9	12	141	0
CONTIG-016743	314	13	7	154	2
CONTIG-016744	226	17	58	23	3
CONTIG-016745	122	4	10	10	0
CONTIG-016746	257	8	68	49	0
CONTIG-016748	121	30	100	49	0
CONTIG-016749	137	12	16	13	0
CONTIG-016750	102	3	4	9	0
CONTIG-016751	352	28	103	353	0
CONTIG-016752	145	11	19	32	0
CONTIG-016753	95	4	5	2	0
CONTIG-016756	178	274	680	1420	47
CONTIG-016757	141	20	274	2	0
CONTIG-016758	60	3	3	0	0
CONTIG-016759	226	7	25	46	0
CONTIG-016760	88	23	39	87	0
CONTIG-016761	625	22	132	491	0
CONTIG-016762	804	26	191	745	10

CONTIG-016763	173	12	45	22	0
CONTIG-016768	132	6	7	13	2
CONTIG-016769	632	6	17	109	0
CONTIG-016770	71	16	17	24	0
CONTIG-016775	232	12	18	103	0
CONTIG-016776	105	12	4	33	0
CONTIG-016777	446	30	285	459	2
CONTIG-016778	253	358	443	2579	297
CONTIG-016780	154	19	82	58	0
CONTIG-016781	138	19	103	77	0
CONTIG-016783	557	22	70	489	4
CONTIG-016784	54	233	100	383	0
CONTIG-016785	617	14	52	342	2
CONTIG-016786	495	6	46	39	0
CONTIG-016787	529	10	74	171	0
CONTIG-016788	294	8	21	38	0
CONTIG-016789	544	16	27	83	15
CONTIG-016790	141	12	10	46	2
CONTIG-016791	189	12	97	9	0
CONTIG-016792	821	29	364	1136	0
CONTIG-016793	954	34	38	1990	0
CONTIG-016794	100	6	4	12	0
CONTIG-016796	97	4	8	7	0
CONTIG-016797	268	7	26	53	0
CONTIG-016798	108	11	5	34	0
CONTIG-016799	153	49	52	128	0
CONTIG-016800	202	20	88	13	2
CONTIG-016802	79	5	13	2	0
CONTIG-016810	189	11	35	0	0
CONTIG-016811	886	15	185	537	2
CONTIG-016812	399	11	27	105	2
CONTIG-016813	486	12	58	167	12
CONTIG-016814	571	42	144	474	45
CONTIG-016815	209	90	280	560	0
CONTIG-016816	117	73	176	129	26
CONTIG-016817	1085	40	159	1930	20
CONTIG-016818	169	333	190	1428	153
CONTIG-016824	443	24	26	43	0
CONTIG-016825	235	16	87	139	0
CONTIG-016826	178	45	166	175	0
CONTIG-016827	300	51	189	739	0
CONTIG-016828	79	9	64	2	0
CONTIG-016829	197	13	51	84	0
CONTIG-016830	143	12	11	65	0
CONTIG-016831	155	19	65	112	0
CONTIG-016832	268	42	126	350	6
CONTIG-016833	164	6	6	26	0

CONTIG-016834	143	22	113	31	0
CONTIG-016838	69	12	37	0	0
CONTIG-016839	191	11	4	45	2
CONTIG-016840	200	6	7	35	2
CONTIG-016841	200	5	16	21	0
CONTIG-016842	318	20	44	57	0
CONTIG-016843	197	17	84	98	0
CONTIG-016844	59	3	8	0	0
CONTIG-016845	193	28	57	122	4
CONTIG-016846	137	7	12	9	0
CONTIG-016852	153	6	4	19	0
CONTIG-016853	108	6	15	19	0
CONTIG-016854	169	4	2	21	0
CONTIG-016855	68	916	146	1454	536
CONTIG-016856	170	21	72	89	0
CONTIG-016857	86	9	12	7	2
CONTIG-016858	649	53	350	1237	6
CONTIG-016859	330	8	78	52	0
CONTIG-016860	450	28	43	393	3
CONTIG-016861	90	11	2	23	2
CONTIG-016862	741	18	177	283	0
CONTIG-016863	107	427	342	1639	0
CONTIG-016864	79	18	23	0	0
CONTIG-016865	108	12	19	46	0
CONTIG-016866	184	6	6	31	0
CONTIG-016867	63	8	5	19	0
CONTIG-016868	99	101	39	579	0
CONTIG-016869	364	13	44	194	0
CONTIG-016870	791	62	239	1500	45
CONTIG-016871	323	7	57	60	0
CONTIG-016872	205	9	24	47	0
CONTIG-016875	255	9	38	52	0
CONTIG-016876	227	25	140	197	0
CONTIG-016877	518	21	146	414	6
CONTIG-016879	101	6	7	12	0
CONTIG-016880	192	11	4	77	0
CONTIG-016881	113	6	4	14	0
CONTIG-016882	241	15	39	116	0
CONTIG-016883	115	17	30	71	0
CONTIG-016884	616	8	14	141	0
CONTIG-016885	279	15	34	129	0
CONTIG-016889	497	9	28	64	4
CONTIG-016890	133	5	19	12	0
CONTIG-016891	117	8	16	31	0
CONTIG-016892	132	6	7	22	0
CONTIG-016893	74	372	32	95	0
CONTIG-016894	269	74	319	250	48

CONTIG-016895	141	9	32	35	0
CONTIG-016896	295	12	24	168	0
CONTIG-016899	694	46	71	628	6
CONTIG-016900	88	10	16	24	0
CONTIG-016901	78	3	2	6	0
CONTIG-016902	1574	56	328	367	27
CONTIG-016903	149	9	32	14	0
CONTIG-016904	106	3	0	13	0
CONTIG-016905	325	14	126	111	2
CONTIG-016906	745	15	13	399	2
CONTIG-016907	117	8	81	4	0
CONTIG-016908	291	78	57	720	41
CONTIG-016909	253	10	13	67	0
CONTIG-016910	338	7	2	20	0
CONTIG-016911	75	27	29	61	0
CONTIG-016918	73	7	4	14	2
CONTIG-016919	59	9	7	18	0
CONTIG-016920	99	9	7	0	0
CONTIG-016921	354	43	224	403	12
CONTIG-016922	110	15	12	36	0
CONTIG-016925	278	42	56	474	8
CONTIG-016926	262	12	47	20	0
CONTIG-016927	217	29	67	203	0
CONTIG-016928	89	8	2	12	2
CONTIG-016929	436	19	223	176	0
CONTIG-016930	387	13	50	118	5
CONTIG-016931	142	24	18	85	0
CONTIG-016934	274	13	100	104	2
CONTIG-016939	98	4	26	2	0
CONTIG-016940	421	17	132	59	3
CONTIG-016941	73	6	4	11	0
CONTIG-016946	168	13	88	58	0
CONTIG-016947	426	12	45	208	0
CONTIG-016948	185	14	67	67	0
CONTIG-016949	108	6	8	17	0
CONTIG-016950	122	10	95	8	0
CONTIG-016951	141	25	216	46	0
CONTIG-016952	171	7	5	31	0
CONTIG-016953	394	25	55	275	8
CONTIG-016954	102	4	0	7	0
CONTIG-016955	213	10	35	49	0
CONTIG-016956	660	14	40	100	0
CONTIG-016957	81	143	131	83	4
CONTIG-016958	139	10	51	11	0
CONTIG-016959	178	7	15	16	0
CONTIG-016960	86	20	68	27	0
CONTIG-016961	111	14	56	16	0

CONTIG-016962	192	6	38	37	0
CONTIG-016967	68	8	4	15	0
CONTIG-016968	155	7	4	21	0
CONTIG-016969	1009	18	90	429	12
CONTIG-016970	1020	13	153	550	0
CONTIG-016971	108	10	14	23	0
CONTIG-016980	70	33	48	2	0
CONTIG-016981	217	78	144	571	2
CONTIG-016982	206	14	12	33	0
CONTIG-016983	66	5	3	2	0
CONTIG-016984	85	7	25	0	0
CONTIG-016987	60	10	31	9	0
CONTIG-016988	54	55	58	106	0
CONTIG-016989	359	289	93	40	0
CONTIG-016990	65	51	2	130	5
CONTIG-016991	284	19	4	31	0
CONTIG-016992	328	17	92	93	2
CONTIG-016993	458	17	200	100	2
CONTIG-016994	427	8	29	87	2
CONTIG-016997	153	8	20	14	2
CONTIG-017000	63	5	4	8	0
CONTIG-017001	78	7	25	2	0
CONTIG-017002	334	14	19	209	0
CONTIG-017003	248	12	29	16	0
CONTIG-017004	655	21	133	345	5
CONTIG-017005	69	30	61	37	0
CONTIG-017006	431	10	23	102	6
CONTIG-017007	148	37	227	14	0
CONTIG-017008	425	38	134	845	0
CONTIG-017009	76	200	45	138	8
CONTIG-017010	182	6	41	28	0
CONTIG-017011	196	20	25	103	4
CONTIG-017012	58	7	25	2	0
CONTIG-017013	77	3	2	0	0
CONTIG-017014	306	7	22	57	0
CONTIG-017015	44	24	0	0	8
CONTIG-017016	97	19	124	19	0
CONTIG-017018	165	16	12	154	0
CONTIG-017019	89	4	7	0	0
CONTIG-017021	63	387	42	676	7
CONTIG-017022	138	6	2	19	0
CONTIG-017023	123	12	57	12	2
CONTIG-017024	494	32	199	451	8
CONTIG-017025	50	797	191	731	59
CONTIG-017026	250	40	37	540	0
CONTIG-017027	387	13	60	148	0
CONTIG-017028	369	103	636	1381	5

CONTIG-017031	62	72	351	0	0
CONTIG-017034	207	27	78	70	4
CONTIG-017035	292	19	52	159	0
CONTIG-017036	743	13	22	99	0
CONTIG-017038	141	5	4	12	0
CONTIG-017039	67	692	276	1223	102
CONTIG-017040	193	20	16	115	4
CONTIG-017041	393	17	137	153	4
CONTIG-017042	151	7	14	12	0
CONTIG-017043	160	8	4	56	0
CONTIG-017044	369	12	127	106	0
CONTIG-017045	74	10	0	19	0
CONTIG-017046	86	229	21	414	0
CONTIG-017047	88	12	42	3	0
CONTIG-017048	665	42	28	1284	12
CONTIG-017049	245	11	64	48	0
CONTIG-017050	171	40	390	24	0
CONTIG-017057	182	10	19	67	0
CONTIG-017058	174	22	237	55	0
CONTIG-017059	180	5	15	6	0
CONTIG-017060	265	7	6	86	0
CONTIG-017061	61	3	9	2	0
CONTIG-017062	191	13	87	68	0
CONTIG-017063	276	20	55	184	6
CONTIG-017064	41	40	49	18	0
CONTIG-017065	991	67	492	1061	127
CONTIG-017067	131	13	42	44	0
CONTIG-017068	347	9	74	95	0
CONTIG-017069	428	21	15	380	2
CONTIG-017071	146	24	81	138	0
CONTIG-017072	161	12	27	55	0
CONTIG-017073	328	6	8	89	0
CONTIG-017074	350	136	366	2595	0
CONTIG-017075	177	6	10	16	0
CONTIG-017076	120	6	6	18	0
CONTIG-017077	155	8	10	48	0
CONTIG-017078	590	28	172	509	6
CONTIG-017079	198	50	16	241	31
CONTIG-017080	199	19	41	59	0
CONTIG-017081	300	13	148	59	0
CONTIG-017082	85	8	33	0	0
CONTIG-017083	198	7	13	29	0
CONTIG-017084	163	16	140	39	0
CONTIG-017085	146	7	4	26	0
CONTIG-017086	176	30	125	116	2
CONTIG-017088	290	17	33	57	0
CONTIG-017089	301	12	32	119	0

CONTIG-017090	63	332	79	750	14
CONTIG-017091	107	67	59	52	0
CONTIG-017092	222	19	100	82	0
CONTIG-017093	473	10	21	151	0
CONTIG-017094	113	4	6	8	0
CONTIG-017095	402	21	295	109	0
CONTIG-017099	219	20	26	104	7
CONTIG-017100	114	14	16	39	0
CONTIG-017101	67	64	46	128	2
CONTIG-017102	679	33	153	444	27
CONTIG-017103	101	11	35	7	0
CONTIG-017104	146	43	219	43	0
CONTIG-017105	201	10	45	50	0
CONTIG-017106	659	10	89	155	0
CONTIG-017107	252	10	4	46	5
CONTIG-017108	131	11	74	10	0
CONTIG-017110	188	19	93	81	0
CONTIG-017111	390	21	46	369	2
CONTIG-017112	251	12	33	60	0
CONTIG-017114	244	7	15	56	0
CONTIG-017115	238	13	263	18	0
CONTIG-017117	765	19	71	795	0
CONTIG-017122	924	27	92	826	11
CONTIG-017123	63	16	19	14	0
CONTIG-017124	513	10	38	137	0
CONTIG-017125	572	17	108	199	5
CONTIG-017126	147	8	18	31	0
CONTIG-017127	179	7	19	11	0
CONTIG-017130	254	12	10	109	0
CONTIG-017131	504	23	121	287	8
CONTIG-017132	123	15	14	42	2
CONTIG-017133	98	5	6	17	0
CONTIG-017134	492	17	39	127	6
CONTIG-017135	87	18	54	27	0
CONTIG-017136	320	11	61	89	0
CONTIG-017137	62	2	0	2	0
CONTIG-017139	815	10	58	211	0
CONTIG-017142	106	23	32	58	0
CONTIG-017143	2493	32	484	2864	19
CONTIG-017149	98	8	49	10	0
CONTIG-017152	406	13	16	78	0
CONTIG-017153	220	39	140	242	2
CONTIG-017155	295	29	222	230	4
CONTIG-017156	124	6	6	22	0
CONTIG-017157	213	6	29	24	0
CONTIG-017165	259	7	7	28	0
CONTIG-017166	73	6	47	0	0

CONTIG-017167	180	14	35	59	0
CONTIG-017168	230	142	216	708	83
CONTIG-017169	601	25	320	451	14
CONTIG-017170	108	5	7	4	0
CONTIG-017171	61	6	7	11	0
CONTIG-017172	675	64	141	1031	15
CONTIG-017173	386	24	52	365	4
CONTIG-017174	232	9	24	37	2
CONTIG-017175	290	8	2	72	0
CONTIG-017176	271	525	313	4716	403
CONTIG-017177	115	10	9	24	0
CONTIG-017181	143	8	32	23	0
CONTIG-017182	715	13	173	270	0
CONTIG-017183	67	65	7	120	13
CONTIG-017184	342	84	96	1852	0
CONTIG-017185	63	26	68	26	0
CONTIG-017186	186	14	47	38	0
CONTIG-017187	413	22	198	221	0
CONTIG-017188	303	57	191	433	20
CONTIG-017189	118	14	23	68	0
CONTIG-017190	74	6	0	3	0
CONTIG-017192	311	14	18	87	10
CONTIG-017193	164	9	78	2	0
CONTIG-017194	1437	24	151	1418	19
CONTIG-017195	181	9	47	6	0
CONTIG-017196	162	5	0	28	0
CONTIG-017197	77	20	15	36	0
CONTIG-017200	2054	21	244	1265	21
CONTIG-017201	207	27	31	45	0
CONTIG-017202	71	6	27	2	0
CONTIG-017203	203	8	2	74	0
CONTIG-017205	70	3	2	0	0
CONTIG-017206	201	10	3	109	0
CONTIG-017207	982	32	148	1704	2
CONTIG-017209	105	9	9	22	0
CONTIG-017210	98	7	12	25	0
CONTIG-017211	436	18	146	161	2
CONTIG-017212	172	7	10	42	0
CONTIG-017213	1005	14	29	458	4
CONTIG-017214	367	18	146	240	0
CONTIG-017215	522	17	61	209	2
CONTIG-017216	270	7	16	49	0
CONTIG-017220	179	113	11	101	0
CONTIG-017221	85	10	4	21	0
CONTIG-017222	368	23	55	168	2
CONTIG-017223	113	9	8	40	0
CONTIG-017227	97	3	2	5	0

CONTIG-017228	83	4	2	0	0
CONTIG-017229	164	7	18	26	0
CONTIG-017230	250	5	15	28	0
CONTIG-017231	252	9	21	76	2
CONTIG-017232	222	8	35	58	2
CONTIG-017233	417	11	43	43	2
CONTIG-017241	312	14	18	186	0
CONTIG-017242	270	11	49	35	0
CONTIG-017243	241	22	146	127	0
CONTIG-017244	833	20	196	482	4
CONTIG-017245	121	19	125	25	0
CONTIG-017248	290	190	187	2379	52
CONTIG-017252	123	12	34	30	0
CONTIG-017253	167	40	55	136	11
CONTIG-017254	94	13	13	21	0
CONTIG-017258	153	8	8	8	2
CONTIG-017259	66	23	69	0	0
CONTIG-017260	56	43	6	86	3
CONTIG-017261	175	13	17	56	0
CONTIG-017262	73	20	70	0	0
CONTIG-017263	174	9	47	17	0
CONTIG-017265	86	6	12	0	0
CONTIG-017266	513	13	53	222	4
CONTIG-017267	189	17	208	43	0
CONTIG-017268	190	14	2	140	0
CONTIG-017269	61	3	4	4	0
CONTIG-017270	121	9	10	13	0
CONTIG-017271	211	9	29	49	0
CONTIG-017272	463	14	36	192	0
CONTIG-017273	537	40	326	149	0
CONTIG-017274	264	14	27	107	0
CONTIG-017275	93	5	11	13	0
CONTIG-017276	151	7	6	43	0
CONTIG-017279	247	15	79	11	0
CONTIG-017280	1052	47	294	1156	121
CONTIG-017281	61	5	10	0	0
CONTIG-017282	69	9	0	27	0
CONTIG-017283	41	329	10	195	0
CONTIG-017284	338	11	25	101	2
CONTIG-017285	457	10	43	134	8
CONTIG-017286	382	9	56	120	0
CONTIG-017287	80	7	8	19	0
CONTIG-017288	67	6	2	12	0
CONTIG-017290	248	108	160	1055	35
CONTIG-017291	147	9	8	34	0
CONTIG-017292	81	37	11	122	0
CONTIG-017294	630	41	13	0	294

CONTIG-017295	104	5	11	18	0
CONTIG-017296	80	376	188	503	99
CONTIG-017297	296	8	13	62	0
CONTIG-017298	746	34	66	326	62
CONTIG-017299	442	7	25	68	2
CONTIG-017300	161	37	188	30	0
CONTIG-017301	72	3	2	7	0
CONTIG-017302	80	218	84	751	0
CONTIG-017303	235	116	133	846	0
CONTIG-017304	300	10	58	28	0
CONTIG-017305	165	8	5	40	0
CONTIG-017306	3242	36	107	6774	4
CONTIG-017307	732	14	149	273	2
CONTIG-017308	133	16	24	83	0
CONTIG-017309	94	16	5	61	0
CONTIG-017310	125	6	3	35	0
CONTIG-017311	123	82	137	248	0
CONTIG-017312	167	9	10	38	2
CONTIG-017314	61	13	13	18	0
CONTIG-017319	1648	28	392	2533	0
CONTIG-017327	92	11	52	4	0
CONTIG-017328	217	31	148	137	3
CONTIG-017329	173	16	12	124	0
CONTIG-017330	188	16	99	22	0
CONTIG-017331	149	9	5	20	2
CONTIG-017332	377	31	75	522	0
CONTIG-017333	189	12	7	86	0
CONTIG-017334	1356	92	151	8237	0
CONTIG-017335	65	4	6	0	0
CONTIG-017336	96	5	9	10	0
CONTIG-017337	386	13	8	60	0
CONTIG-017338	174	9	15	47	0
CONTIG-017339	178	7	8	30	0
CONTIG-017341	650	15	8	21	0
CONTIG-017342	203	15	23	58	4
CONTIG-017343	102	4	2	2	0
CONTIG-017344	608	46	92	989	18
CONTIG-017352	173	17	88	75	0
CONTIG-017354	926	28	193	683	34
CONTIG-017355	136	49	107	183	36
CONTIG-017356	732	35	100	543	14
CONTIG-017357	91	136	16	684	0
CONTIG-017358	263	9	6	66	4
CONTIG-017359	254	18	32	234	0
CONTIG-017360	148	18	51	2	0
CONTIG-017361	190	5	21	13	0
CONTIG-017362	160	9	13	21	0

CONTIG-017364	94	7	12	18	0
CONTIG-017365	89	7	0	26	2
CONTIG-017367	536	13	100	152	2
CONTIG-017368	82	13	37	4	0
CONTIG-017369	460	13	196	161	0
CONTIG-017372	323	10	17	95	0
CONTIG-017373	103	6	6	8	0
CONTIG-017374	181	7	0	47	2
CONTIG-017375	322	30	49	496	2
CONTIG-017376	1173	19	141	737	4
CONTIG-017377	181	13	14	109	0
CONTIG-017379	249	11	0	103	0
CONTIG-017380	551	10	29	191	0
CONTIG-017381	49	140	13	168	0
CONTIG-017382	170	11	25	34	0
CONTIG-017383	528	45	93	3	827
CONTIG-017384	71	13	96	4	0
CONTIG-017388	899	15	38	438	2
CONTIG-017390	67	6	2	4	0
CONTIG-017392	652	15	119	250	2
CONTIG-017393	496	15	97	98	2
CONTIG-017396	71	13	21	25	0
CONTIG-017397	161	5	4	18	2
CONTIG-017398	314	16	207	40	2
CONTIG-017399	131	7	10	28	2
CONTIG-017400	330	175	61	2081	113
CONTIG-017402	164	15	44	35	0
CONTIG-017403	234	8	21	54	0
CONTIG-017404	290	36	7	459	2
CONTIG-017405	1003	24	205	756	8
CONTIG-017406	895	18	316	380	14
CONTIG-017407	795	24	130	623	6
CONTIG-017408	154	31	20	48	0
CONTIG-017409	677	16	337	230	0
CONTIG-017411	408	20	62	333	2
CONTIG-017412	64	6	3	8	0
CONTIG-017414	311	9	16	54	0
CONTIG-017415	551	20	127	326	2
CONTIG-017416	415	12	46	73	2
CONTIG-017417	146	276	457	548	237
CONTIG-017424	141	10	46	25	2
CONTIG-017425	283	106	553	596	33
CONTIG-017426	190	8	4	39	2
CONTIG-017427	193	23	112	114	4
CONTIG-017428	616	17	159	316	2
CONTIG-017429	92	4	13	7	0
CONTIG-017430	200	21	23	119	3

CONTIG-017431	155	8	68	23	0
CONTIG-017432	256	185	214	2039	146
CONTIG-017434	324	15	7	187	0
CONTIG-017436	67	18	124	0	0
CONTIG-017437	907	20	219	462	6
CONTIG-017438	95	440	188	1109	131
CONTIG-017439	250	62	50	407	4
CONTIG-017440	220	61	100	714	0
CONTIG-017441	794	14	236	260	2
CONTIG-017442	75	43	46	65	0
CONTIG-017443	104	3	13	2	0
CONTIG-017444	301	35	103	467	0
CONTIG-017445	175	16	84	64	0
CONTIG-017446	146	9	11	35	0
CONTIG-017447	307	379	196	5978	69
CONTIG-017448	64	6	14	13	0
CONTIG-017450	101	10	18	48	0
CONTIG-017451	113	13	34	13	0
CONTIG-017453	114	17	0	50	0
CONTIG-017454	244	6	3	47	0
CONTIG-017455	134	274	87	671	73
CONTIG-017456	79	4	9	6	0
CONTIG-017457	305	12	34	135	0
CONTIG-017458	822	74	25	3468	10
CONTIG-017459	81	7	2	17	0
CONTIG-017463	734	12	196	223	5
CONTIG-017464	107	26	83	11	2
CONTIG-017465	68	3	6	3	0
CONTIG-017466	1191	22	28	26	0
CONTIG-017467	889	13	54	471	0
CONTIG-017468	188	146	108	1092	40
CONTIG-017469	158	10	9	49	0
CONTIG-017470	991	17	37	579	4
CONTIG-017471	380	10	55	76	4
CONTIG-017472	81	4	9	4	0
CONTIG-017473	197	7	36	28	0
CONTIG-017474	74	10	16	19	0
CONTIG-017475	106	4	21	6	0
CONTIG-017477	233	20	220	44	2
CONTIG-017478	161	7	13	0	0
CONTIG-017479	58	4	0	7	0
CONTIG-017480	218	13	23	123	2
CONTIG-017482	268	20	108	141	0
CONTIG-017483	319	6	21	56	0
CONTIG-017485	176	19	164	70	0
CONTIG-017486	80	8	5	27	0
CONTIG-017487	497	11	68	88	0

CONTIG-017488	74	5	2	8	0
CONTIG-017489	106	5	2	13	0
CONTIG-017491	60	2	5	0	0
CONTIG-017493	647	12	36	290	6
CONTIG-017494	392	65	139	398	27
CONTIG-017495	385	18	2	0	38
CONTIG-017496	184	30	140	168	0
CONTIG-017497	296	17	67	170	0
CONTIG-017498	537	15	72	128	2
CONTIG-017499	495	13	195	143	3
CONTIG-017500	167	7	24	15	0
CONTIG-017501	768	30	74	937	0
CONTIG-017502	281	12	2	62	6
CONTIG-017503	65	3	0	9	0
CONTIG-017504	215	67	349	383	0
CONTIG-017505	226	11	51	26	17
CONTIG-017506	82	224	204	299	17
CONTIG-017507	183	19	69	80	0
CONTIG-017508	482	19	65	372	12
CONTIG-017509	297	16	74	159	0
CONTIG-017510	253	12	112	84	2
CONTIG-017512	152	47	97	202	0
CONTIG-017513	272	16	2	228	0
CONTIG-017514	74	58	136	2	0
CONTIG-017515	585	29	241	294	4
CONTIG-017516	67	124	17	312	2
CONTIG-017517	81	7	10	17	0
CONTIG-017518	281	9	60	49	0
CONTIG-017519	58	7	5	15	0
CONTIG-017520	98	5	2	6	0
CONTIG-017521	657	36	171	991	0
CONTIG-017527	45	364	219	185	0
CONTIG-017530	155	15	22	57	0
CONTIG-017531	208	7	4	52	2
CONTIG-017532	854	20	89	546	4
CONTIG-017533	507	15	9	177	10
CONTIG-017534	222	7	27	36	0
CONTIG-017535	280	44	27	288	8
CONTIG-017536	159	10	7	20	0
CONTIG-017537	59	13	5	30	0
CONTIG-017538	619	32	152	626	7
CONTIG-017539	171	9	15	45	0
CONTIG-017540	378	22	128	135	4
CONTIG-017541	1064	30	156	826	50
CONTIG-017542	432	16	96	161	0
CONTIG-017543	60	8	4	9	0
CONTIG-017544	378	26	113	333	2

CONTIG-017545	224	21	142	51	2
CONTIG-017546	230	14	12	134	0
CONTIG-017547	276	9	18	54	0
CONTIG-017548	275	99	143	843	12
CONTIG-017549	846	34	106	1019	13
CONTIG-017550	86	3	2	6	0
CONTIG-017551	218	12	41	53	0
CONTIG-017554	1277	22	253	988	2
CONTIG-017555	203	9	31	42	0
CONTIG-017558	362	13	92	66	3
CONTIG-017559	605	131	6	0	764
CONTIG-017560	89	6	30	2	0
CONTIG-017561	99	9	23	5	0
CONTIG-017562	885	60	76	3311	0
CONTIG-017563	177	5	30	2	0
CONTIG-017564	89	8	5	23	0
CONTIG-017565	580	83	455	1050	144
CONTIG-017566	114	12	2	27	0
CONTIG-017567	1617	90	63	120	0
CONTIG-017569	87	4	6	7	0
CONTIG-017570	324	16	59	107	12
CONTIG-017571	756	127	45	5255	6
CONTIG-017572	188	12	58	49	0
CONTIG-017573	97	34	259	2	0
CONTIG-017574	627	14	109	207	0
CONTIG-017576	394	15	19	213	0
CONTIG-017579	113	23	16	95	0
CONTIG-017580	163	29	45	156	0
CONTIG-017581	469	23	158	233	0
CONTIG-017582	301	15	95	172	0
CONTIG-017583	189	8	57	46	0
CONTIG-017584	87	24	29	9	0
CONTIG-017585	165	12	70	32	0
CONTIG-017586	960	51	548	2794	0
CONTIG-017587	194	11	26	24	0
CONTIG-017588	92	5	3	9	0
CONTIG-017589	147	5	20	2	0
CONTIG-017590	126	8	7	35	0
CONTIG-017592	304	15	33	105	0
CONTIG-017593	217	5	5	31	0
CONTIG-017594	350	25	81	222	0
CONTIG-017595	896	22	95	792	2
CONTIG-017596	118	18	132	13	0
CONTIG-017597	400	10	27	122	2
CONTIG-017598	69	4	19	0	0
CONTIG-017599	38	605	224	0	0
CONTIG-017600	333	7	30	30	0

CONTIG-017608	183	18	19	82	0
CONTIG-017609	322	19	74	165	2
CONTIG-017610	171	10	6	40	0
CONTIG-017611	441	24	137	518	0
CONTIG-017612	362	16	37	222	9
CONTIG-017616	128	20	39	99	0
CONTIG-017617	71	5	4	0	0
CONTIG-017618	523	21	150	195	8
CONTIG-017619	415	13	269	2	7
CONTIG-017620	99	23	39	54	0
CONTIG-017621	355	42	51	514	29
CONTIG-017622	295	11	35	77	0
CONTIG-017623	168	33	51	166	4
CONTIG-017624	632	21	93	372	3
CONTIG-017625	62	3	6	2	0
CONTIG-017631	123	8	24	22	0
CONTIG-017632	462	9	97	122	0
CONTIG-017633	132	12	15	59	0
CONTIG-017638	220	7	10	47	0
CONTIG-017639	310	17	132	69	0
CONTIG-017641	351	24	140	201	0
CONTIG-017642	185	12	14	52	0
CONTIG-017645	392	12	32	104	0
CONTIG-017647	44	1640	53	2709	2
CONTIG-017648	402	22	48	200	4
CONTIG-017649	98	6	0	20	0
CONTIG-017655	582	44	36	745	20
CONTIG-017656	70	4	11	3	0
CONTIG-017657	140	5	0	22	0
CONTIG-017658	79	11	11	22	0
CONTIG-017659	142	10	5	4	0
CONTIG-017660	59	8	22	13	0
CONTIG-017661	101	14	59	0	0
CONTIG-017663	127	16	6	111	0
CONTIG-017664	127	7	10	14	0
CONTIG-017665	95	8	8	27	0
CONTIG-017666	732	24	139	668	2
CONTIG-017667	79	4	0	6	0
CONTIG-017668	226	52	140	283	2
CONTIG-017669	247	9	29	78	0
CONTIG-017670	695	18	13	724	0
CONTIG-017671	450	14	17	260	0
CONTIG-017672	107	8	2	34	0
CONTIG-017673	429	8	18	95	2
CONTIG-017674	142	10	19	43	0
CONTIG-017676	172	10	71	35	0
CONTIG-017677	522	113	35	3881	0

CONTIG-017682	464	23	4	0	8
CONTIG-017683	797	10	103	222	6
CONTIG-017684	253	94	189	559	49
CONTIG-017687	104	9	2	23	0
CONTIG-017688	708	18	66	58	0
CONTIG-017690	713	32	223	660	6
CONTIG-017692	182	12	101	37	0
CONTIG-017693	147	20	142	0	8
CONTIG-017698	81	7	6	23	0
CONTIG-017699	350	12	46	82	0
CONTIG-017701	130	10	7	47	0
CONTIG-017702	282	9	45	90	0
CONTIG-017703	296	21	46	143	9
CONTIG-017704	922	22	87	719	0
CONTIG-017706	187	13	20	63	2
CONTIG-017714	97	55	268	0	0
CONTIG-017723	75	81	32	214	0
CONTIG-017724	269	55	56	734	0
CONTIG-017731	65	6	22	0	0
CONTIG-017735	289	10	16	86	0
CONTIG-017737	56	10	5	8	0
CONTIG-017739	1878	47	129	5633	0
CONTIG-017763	966	35	115	1089	29
CONTIG-017771	128	8	14	31	0
CONTIG-017777	304	15	14	216	0
CONTIG-017781	99	16	167	2	0
CONTIG-017782	725	15	46	373	0
CONTIG-017783	1123	14	28	238	20
CONTIG-017784	272	19	218	74	0
CONTIG-017785	104	10	26	29	0
CONTIG-017786	379	10	9	81	0
CONTIG-017787	376	11	59	85	0
CONTIG-017788	174	7	5	6	0
CONTIG-017791	48	14	5	0	0
CONTIG-017792	294	131	485	538	80
CONTIG-017793	225	47	236	253	6
CONTIG-017794	386	15	48	171	8
CONTIG-017795	293	8	16	88	0
CONTIG-017796	322	30	103	293	0
CONTIG-017797	105	8	6	31	2
CONTIG-017798	179	10	35	24	0
CONTIG-017800	251	6	19	13	4
CONTIG-017801	123	3	4	7	0
CONTIG-017802	106	5	2	12	0
CONTIG-017803	289	17	20	163	0
CONTIG-017804	222	4	12	6	0
CONTIG-017805	103	3	0	11	0

CONTIG-017806	548	10	19	165	6
CONTIG-017807	388	23	47	344	0
CONTIG-017808	314	10	67	63	0
CONTIG-017809	871	32	108	792	93
CONTIG-017810	92	16	9	62	2
CONTIG-017811	456	29	106	526	0
CONTIG-017812	145	6	27	15	0
CONTIG-017813	77	321	58	991	0
CONTIG-017815	102	4	0	0	0
CONTIG-017816	215	40	144	226	4
CONTIG-017817	176	13	29	32	0
CONTIG-017818	113	10	12	15	0
CONTIG-017819	99	6	18	8	0
CONTIG-017820	677	82	427	2192	54
CONTIG-017829	176	6	6	23	0
CONTIG-017830	464	17	99	111	5
CONTIG-017831	548	11	23	196	0
CONTIG-017833	109	15	10	47	2
CONTIG-017834	308	12	13	138	0
CONTIG-017835	111	16	18	24	0
CONTIG-017836	225	15	86	120	0
CONTIG-017838	634	25	80	488	19
CONTIG-017839	323	17	71	66	0
CONTIG-017840	49	14	14	2	0
CONTIG-017841	533	203	174	6626	2
CONTIG-017842	471	82	164	429	88
CONTIG-017843	682	17	101	287	6
CONTIG-017844	146	10	13	59	0
CONTIG-017845	60	11	8	12	0
CONTIG-017846	141	17	58	60	0
CONTIG-017847	380	183	136	4449	0
CONTIG-017848	72	4	4	0	0
CONTIG-017849	68	8	13	12	0
CONTIG-017850	305	6	18	46	0
CONTIG-017851	100	12	92	8	0
CONTIG-017852	406	17	266	134	0
CONTIG-017853	572	19	33	360	7
CONTIG-017854	225	5	10	32	0
CONTIG-017855	701	18	146	302	3
CONTIG-017856	134	9	24	2	0
CONTIG-017857	146	30	56	191	0
CONTIG-017858	402	7	4	67	2
CONTIG-017859	87	3	4	5	0
CONTIG-017860	60	4	2	3	0
CONTIG-017861	176	27	86	97	0
CONTIG-017862	106	36	97	77	0
CONTIG-017863	841	15	120	348	8

CONTIG-017864	173	6	9	37	2
CONTIG-017865	501	10	55	86	0
CONTIG-017869	221	6	0	46	0
CONTIG-017870	110	16	24	75	0
CONTIG-017871	97	5	2	13	0
CONTIG-017872	147	12	5	52	2
CONTIG-017873	127	6	10	9	0
CONTIG-017874	83	6	7	0	0
CONTIG-017875	138	4	9	14	0
CONTIG-017877	670	35	125	1399	0
CONTIG-017878	1604	42	226	2846	13
CONTIG-017879	836	17	142	338	8
CONTIG-017880	120	24	76	16	0
CONTIG-017881	324	28	93	95	2
CONTIG-017882	59	7	4	7	0
CONTIG-017883	690	21	68	280	6
CONTIG-017884	226	17	35	139	0
CONTIG-017885	560	16	80	324	0
CONTIG-017886	298	18	39	161	2
CONTIG-017887	190	5	5	0	0
CONTIG-017888	869	30	645	1094	0
CONTIG-017889	94	18	54	44	0
CONTIG-017890	122	12	16	25	0
CONTIG-017891	127	12	13	44	0
CONTIG-017892	125	18	7	97	0
CONTIG-017893	342	18	74	199	2
CONTIG-017894	62	21	27	32	2
CONTIG-017895	629	32	122	669	6
CONTIG-017896	143	9	13	17	0
CONTIG-017897	349	12	36	60	0
CONTIG-017898	75	4	21	0	0
CONTIG-017899	80	5	13	3	0
CONTIG-017900	186	11	18	47	0
CONTIG-017901	146	8	0	24	0
CONTIG-017902	395	8	0	0	10
CONTIG-017903	409	69	3	0	141
CONTIG-017904	473	12	56	168	0
CONTIG-017905	808	30	150	586	45
CONTIG-017906	606	12	35	283	0
CONTIG-017907	117	6	19	19	0
CONTIG-017908	136	14	48	56	2
CONTIG-017909	713	23	54	876	0
CONTIG-017910	370	15	149	256	0
CONTIG-017911	786	25	384	602	0
CONTIG-017912	220	12	86	38	0
CONTIG-017915	90	3	6	0	0
CONTIG-017916	2034	43	204	2893	126

CONTIG-017919	429	18	410	169	0
CONTIG-017920	663	55	227	1898	0
CONTIG-017921	72	35	234	6	0
CONTIG-017922	292	25	137	240	2
CONTIG-017923	612	15	12	342	0
CONTIG-017924	347	24	57	140	4
CONTIG-017925	111	57	82	103	7
CONTIG-017926	223	139	3	0	453
CONTIG-017927	159	4	7	5	0
CONTIG-017928	703	30	178	357	25
CONTIG-017929	205	12	35	85	0
CONTIG-017930	738	17	84	550	4
CONTIG-017931	118	22	35	25	2
CONTIG-017934	75	17	15	39	0
CONTIG-017935	315	7	10	27	0
CONTIG-017936	724	14	11	275	6
CONTIG-017939	495	24	169	239	12
CONTIG-017940	297	9	20	81	0
CONTIG-017941	69	4	18	0	0
CONTIG-017943	152	26	45	185	0
CONTIG-017944	184	20	65	85	0
CONTIG-017945	153	33	68	154	0
CONTIG-017946	176	14	45	34	0
CONTIG-017947	108	8	20	27	0
CONTIG-017948	96	38	36	5	0
CONTIG-017949	64	6	0	16	0
CONTIG-017950	295	24	21	403	0
CONTIG-017954	69	11	36	9	0
CONTIG-017955	182	5	8	10	0
CONTIG-017956	929	13	84	275	12
CONTIG-017957	406	49	35	722	17
CONTIG-017958	50	22	5	18	0
CONTIG-017959	307	12	138	2	35
CONTIG-017960	1172	39	18	49	0
CONTIG-017961	338	21	53	345	0
CONTIG-017963	437	19	34	256	10
CONTIG-017964	143	8	0	44	2
CONTIG-017965	200	7	17	4	2
CONTIG-017966	174	12	76	20	0
CONTIG-017967	175	115	186	1198	0
CONTIG-017968	197	12	51	56	2
CONTIG-017969	621	28	160	502	0
CONTIG-017970	183	28	412	12	0
CONTIG-017971	967	36	283	1094	6
CONTIG-017974	305	66	0	0	2
CONTIG-017975	377	14	80	183	2
CONTIG-017976	361	16	60	63	0

CONTIG-017977	299	83	137	1407	2
CONTIG-017978	250	24	203	89	0
CONTIG-017979	244	7	14	36	0
CONTIG-017980	312	9	79	58	0
CONTIG-017981	468	18	22	238	6
CONTIG-017982	80	11	35	19	0
CONTIG-017983	251	17	59	178	0
CONTIG-017984	2017	25	695	2740	0
CONTIG-017985	101	404	158	2055	31
CONTIG-017986	81	11	96	0	0
CONTIG-017987	392	20	28	227	6
CONTIG-017993	384	16	254	4	6
CONTIG-017994	211	14	8	38	0
CONTIG-017995	95	5	4	3	0
CONTIG-017996	359	10	84	84	0
CONTIG-017998	583	24	233	420	0
CONTIG-017999	207	16	2	127	2
CONTIG-018000	557	14	243	268	0
CONTIG-018001	536	9	6	230	0
CONTIG-018002	100	41	22	222	0
CONTIG-018003	371	11	63	71	0
CONTIG-018004	169	5	0	15	0
CONTIG-018005	95	11	25	5	0
CONTIG-018006	143	17	59	10	2
CONTIG-018007	142	12	43	39	0
CONTIG-018008	148	4	12	16	0
CONTIG-018009	452	15	51	264	0
CONTIG-018010	611	11	9	292	0
CONTIG-018011	162	50	33	205	12
CONTIG-018012	308	21	137	112	4
CONTIG-018016	64	9	15	3	0
CONTIG-018017	103	6	7	21	0
CONTIG-018018	106	5	21	8	0
CONTIG-018019	85	30	23	37	0
CONTIG-018020	58	3	2	8	0
CONTIG-018021	245	18	56	143	0
CONTIG-018022	159	40	53	113	2
CONTIG-018023	71	2	5	0	0
CONTIG-018024	162	8	7	8	0
CONTIG-018025	320	43	119	319	0
CONTIG-018026	73	6	6	8	0
CONTIG-018027	99	15	7	30	0
CONTIG-018028	105	6	5	14	0
CONTIG-018029	221	20	24	142	0
CONTIG-018030	131	20	221	0	0
CONTIG-018031	244	10	27	77	0
CONTIG-018032	1259	28	213	1123	35

CONTIG-018035	675	31	125	711	23
CONTIG-018036	78	4	11	0	0
CONTIG-018037	495	58	49	37	0
CONTIG-018038	597	16	59	430	0
CONTIG-018039	96	10	21	28	0
CONTIG-018040	281	11	63	84	0
CONTIG-018041	103	7	0	29	0
CONTIG-018042	180	138	148	1141	2
CONTIG-018043	95	7	8	20	0
CONTIG-018044	58	13	59	0	0
CONTIG-018046	282	12	54	128	0
CONTIG-018047	63	51	49	48	0
CONTIG-018048	447	14	107	184	0
CONTIG-018055	515	7	8	53	5
CONTIG-018057	130	7	7	15	0
CONTIG-018058	64	12	4	13	0
CONTIG-018059	546	33	81	330	64
CONTIG-018060	663	25	250	614	4
CONTIG-018061	1518	31	336	1124	70
CONTIG-018063	230	14	135	50	0
CONTIG-018064	95	6	15	17	0
CONTIG-018065	750	17	20	617	3
CONTIG-018066	68	11	2	7	0
CONTIG-018067	487	18	154	272	0
CONTIG-018072	440	13	45	163	0
CONTIG-018073	328	14	63	130	2
CONTIG-018074	752	22	303	409	6
CONTIG-018075	262	20	128	63	0
CONTIG-018077	75	2	2	3	0
CONTIG-018078	95	7	4	13	0
CONTIG-018079	64	8	15	8	0
CONTIG-018080	102	21	60	72	0
CONTIG-018082	359	21	146	98	7
CONTIG-018087	58	3	2	4	0
CONTIG-018088	566	11	105	226	0
CONTIG-018089	189	15	31	103	0
CONTIG-018090	346	13	46	179	0
CONTIG-018091	70	4	2	4	0
CONTIG-018092	691	14	227	240	9
CONTIG-018093	263	14	22	38	0
CONTIG-018094	136	12	15	49	0
CONTIG-018095	69	16	30	21	0
CONTIG-018096	123	27	167	52	0
CONTIG-018097	268	11	72	101	0
CONTIG-018098	200	8	22	18	0
CONTIG-018099	97	5	13	15	0
CONTIG-018100	433	9	52	136	0

CONTIG-018101	85	8	3	17	0
CONTIG-018103	1976	22	228	1323	66
CONTIG-018104	111	10	14	15	0
CONTIG-018105	1248	35	0	0	386
CONTIG-018106	231	7	11	51	0
CONTIG-018107	73	15	39	7	0
CONTIG-018108	153	12	18	31	0
CONTIG-018109	143	4	5	19	0
CONTIG-018110	326	187	286	2419	69
CONTIG-018111	130	6	12	5	0
CONTIG-018112	215	14	15	99	0
CONTIG-018113	422	16	155	177	0
CONTIG-018114	60	4	0	0	0
CONTIG-018115	759	23	351	664	4
CONTIG-018116	136	20	33	62	0
CONTIG-018117	121	15	2	98	0
CONTIG-018118	213	13	12	52	0
CONTIG-018119	103	13	4	78	0
CONTIG-018121	111	39	190	107	2
CONTIG-018122	76	15	62	18	2
CONTIG-018124	394	26	150	109	4
CONTIG-018125	325	13	9	188	0
CONTIG-018126	159	5	6	22	0
CONTIG-018127	208	9	17	68	0
CONTIG-018129	1136	69	300	4775	0
CONTIG-018131	83	11	76	3	0
CONTIG-018132	279	15	24	128	0
CONTIG-018133	1363	18	101	730	2
CONTIG-018141	81	149	32	497	0
CONTIG-018142	414	12	62	87	2
CONTIG-018143	226	5	11	40	0
CONTIG-018144	116	28	25	106	0
CONTIG-018145	100	178	13	751	0
CONTIG-018146	531	21	100	449	0
CONTIG-018150	271	6	22	45	0
CONTIG-018151	353	17	272	47	2
CONTIG-018152	72	8	22	8	0
CONTIG-018153	226	124	235	811	2
CONTIG-018154	792	18	138	239	19
CONTIG-018155	197	10	19	68	0
CONTIG-018156	160	10	13	36	0
CONTIG-018157	281	34	192	78	4
CONTIG-018158	129	7	8	35	0
CONTIG-018159	68	7	8	3	0
CONTIG-018160	76	8	12	0	0
CONTIG-018161	80	8	21	2	0
CONTIG-018162	231	13	46	53	0

CONTIG-018163	294	9	42	74	0
CONTIG-018164	63	22	8	56	0
CONTIG-018165	248	51	68	485	4
CONTIG-018166	228	7	30	33	0
CONTIG-018170	376	18	131	182	0
CONTIG-018172	199	14	2	84	2
CONTIG-018173	73	34	88	63	0
CONTIG-018174	178	182	39	1535	0
CONTIG-018175	680	31	108	818	2
CONTIG-018176	207	37	0	0	97
CONTIG-018177	236	7	12	51	0
CONTIG-018178	73	13	20	28	0
CONTIG-018179	200	96	569	345	4
CONTIG-018181	256	13	27	108	0
CONTIG-018189	127	8	49	20	0
CONTIG-018190	72	91	101	137	0
CONTIG-018193	149	5	4	17	0
CONTIG-018194	95	13	52	4	0
CONTIG-018195	143	7	6	17	0
CONTIG-018196	70	20	4	45	0
CONTIG-018197	88	19	116	0	0
CONTIG-018198	253	19	224	97	0
CONTIG-018202	58	9	48	0	0
CONTIG-018203	139	4	7	5	0
CONTIG-018204	329	12	51	103	0
CONTIG-018205	269	13	106	80	0
CONTIG-018206	64	7	2	6	0
CONTIG-018207	207	15	14	71	0
CONTIG-018208	449	10	13	33	0
CONTIG-018209	178	9	16	31	0
CONTIG-018210	61	3	0	2	0
CONTIG-018211	122	57	225	157	0
CONTIG-018212	452	23	13	402	6
CONTIG-018214	308	19	42	150	2
CONTIG-018215	268	8	115	42	0
CONTIG-018216	309	10	80	70	0
CONTIG-018217	134	11	8	46	0
CONTIG-018224	471	20	4	0	74
CONTIG-018225	262	34	53	365	0
CONTIG-018226	164	15	2	106	0
CONTIG-018227	352	15	65	181	2
CONTIG-018234	132	8	15	40	0
CONTIG-018235	577	13	63	267	4
CONTIG-018236	517	12	47	187	0
CONTIG-018237	100	24	95	45	0
CONTIG-018238	279	25	117	251	2
CONTIG-018242	127	12	16	53	0

CONTIG-018243	136	5	4	22	0
CONTIG-018244	456	17	78	193	0
CONTIG-018245	862	49	330	1261	56
CONTIG-018246	307	18	41	226	0
CONTIG-018247	74	486	141	927	79
CONTIG-018248	234	28	36	275	3
CONTIG-018249	218	11	23	78	0
CONTIG-018250	431	10	68	101	0
CONTIG-018251	371	18	14	302	4
CONTIG-018252	61	9	26	15	0
CONTIG-018253	72	16	38	0	0
CONTIG-018254	65	22	38	2	0
CONTIG-018255	85	8	11	17	2
CONTIG-018257	125	7	5	32	0
CONTIG-018258	269	20	174	221	0
CONTIG-018259	278	15	46	130	0
CONTIG-018260	145	193	348	860	87
CONTIG-018261	165	13	50	49	0
CONTIG-018262	265	25	69	34	21
CONTIG-018263	221	41	3	21	0
CONTIG-018264	119	9	4	23	0
CONTIG-018265	176	13	25	86	0
CONTIG-018266	495	12	33	177	2
CONTIG-018267	340	25	58	297	0
CONTIG-018268	261	12	54	111	0
CONTIG-018269	854	24	225	468	12
CONTIG-018270	672	18	105	252	7
CONTIG-018271	123	38	176	6	3
CONTIG-018276	906	19	27	722	12
CONTIG-018277	146	9	12	50	0
CONTIG-018278	374	14	18	111	0
CONTIG-018279	528	11	89	192	2
CONTIG-018280	158	7	36	17	0
CONTIG-018281	1975	14	33	1529	0
CONTIG-018282	62	15	22	21	0
CONTIG-018283	242	8	10	47	0
CONTIG-018287	66	6	10	9	0
CONTIG-018289	75	9	11	24	0
CONTIG-018290	145	5	18	7	0
CONTIG-018291	48	10	5	10	0
CONTIG-018292	656	17	17	456	8
CONTIG-018293	64	5	12	2	0
CONTIG-018295	155	11	19	44	0
CONTIG-018296	203	10	41	43	0
CONTIG-018297	1876	28	100	2139	8
CONTIG-018298	1126	16	133	333	39
CONTIG-018301	138	42	49	151	0

CONTIG-018302	63	8	25	0	0
CONTIG-018303	244	14	109	27	0
CONTIG-018304	231	9	62	60	0
CONTIG-018305	98	6	23	6	0
CONTIG-018306	145	273	167	1176	109
CONTIG-018307	140	7	9	23	0
CONTIG-018308	85	125	76	239	2
CONTIG-018312	959	16	105	435	0
CONTIG-018313	245	7	49	31	3
CONTIG-018314	361	34	218	255	0
CONTIG-018315	820	20	181	477	6
CONTIG-018316	264	9	16	111	2
CONTIG-018317	323	11	8	67	0
CONTIG-018318	241	12	17	68	7
CONTIG-018320	322	5	2	27	0
CONTIG-018321	98	8	2	19	0
CONTIG-018322	180	14	18	97	0
CONTIG-018323	91	5	10	12	0
CONTIG-018325	73	194	29	370	0
CONTIG-018327	487	21	100	305	0
CONTIG-018328	220	37	39	286	13
CONTIG-018329	62	7	4	2	0
CONTIG-018330	776	18	21	353	13
CONTIG-018331	291	13	26	96	0
CONTIG-018332	410	11	31	113	0
CONTIG-018333	310	7	28	78	0
CONTIG-018334	110	56	183	173	0
CONTIG-018335	277	8	16	61	0
CONTIG-018336	95	9	15	23	0
CONTIG-018337	70	137	40	5	0
CONTIG-018338	123	12	38	4	2
CONTIG-018339	107	16	30	58	0
CONTIG-018340	157	22	258	44	0
CONTIG-018341	123	142	128	123	0
CONTIG-018342	71	5	10	6	0
CONTIG-018343	164	7	20	6	0
CONTIG-018347	98	7	5	27	0
CONTIG-018348	218	5	21	2	0
CONTIG-018349	125	8	10	20	0
CONTIG-018350	196	13	36	96	0
CONTIG-018356	731	18	194	426	5
CONTIG-018357	122	40	70	202	0
CONTIG-018358	220	17	196	68	0
CONTIG-018359	65	5	0	6	0
CONTIG-018360	471	25	88	281	6
CONTIG-018361	102	4	2	8	0
CONTIG-018362	338	15	52	133	6

CONTIG-018363	453	8	15	100	2
CONTIG-018364	913	21	192	455	4
CONTIG-018365	125	11	4	52	0
CONTIG-018368	333	52	37	471	2
CONTIG-018369	230	8	12	65	0
CONTIG-018371	459	14	47	259	0
CONTIG-018372	118	7	45	8	0
CONTIG-018373	506	10	30	143	2
CONTIG-018374	100	8	0	5	0
CONTIG-018375	862	52	191	2797	0
CONTIG-018376	61	6	0	7	0
CONTIG-018377	106	7	0	27	0
CONTIG-018378	166	7	24	21	0
CONTIG-018379	404	26	57	395	5
CONTIG-018380	274	20	183	0	0
CONTIG-018381	72	13	9	0	0
CONTIG-018383	396	28	196	202	4
CONTIG-018384	366	7	2	67	0
CONTIG-018385	101	4	0	9	0
CONTIG-018386	67	235	242	144	39
CONTIG-018387	85	30	167	30	0
CONTIG-018388	617	124	536	4715	0
CONTIG-018389	249	16	48	85	2
CONTIG-018390	540	19	89	323	0
CONTIG-018391	200	26	37	172	2
CONTIG-018396	62	7	20	4	0
CONTIG-018397	180	5	7	25	0
CONTIG-018398	86	4	0	4	0
CONTIG-018399	410	14	162	139	0
CONTIG-018401	235	46	25	39	0
CONTIG-018402	225	19	29	63	0
CONTIG-018403	473	7	27	99	0
CONTIG-018404	108	10	16	33	0
CONTIG-018405	79	8	11	16	0
CONTIG-018406	132	8	14	17	0
CONTIG-018407	72	12	82	4	0
CONTIG-018408	733	13	136	237	0
CONTIG-018409	303	20	59	190	2
CONTIG-018410	230	9	2	96	0
CONTIG-018411	305	12	38	131	0
CONTIG-018412	62	12	13	20	0
CONTIG-018415	311	6	12	39	0
CONTIG-018416	1034	30	113	696	47
CONTIG-018417	63	10	12	4	0
CONTIG-018418	147	10	17	21	0
CONTIG-018419	1217	41	928	1217	59
CONTIG-018421	788	17	68	610	4

CONTIG-018422	531	33	181	346	9
CONTIG-018423	191	14	59	62	0
CONTIG-018424	108	8	12	4	0
CONTIG-018425	41	296	321	167	0
CONTIG-018426	1237	22	204	1073	4
CONTIG-018427	303	17	23	121	0
CONTIG-018428	121	10	30	38	0
CONTIG-018429	72	8	9	9	0
CONTIG-018430	114	57	160	38	0
CONTIG-018431	458	20	6	13	0
CONTIG-018432	68	36	85	37	0
CONTIG-018433	253	118	41	14	349
CONTIG-018434	147	8	28	18	0
CONTIG-018435	148	6	0	35	0
CONTIG-018436	755	63	334	1554	67
CONTIG-018437	248	13	60	64	2
CONTIG-018438	86	13	13	40	0
CONTIG-018439	81	6	4	16	0
CONTIG-018440	503	23	27	498	2
CONTIG-018441	156	11	49	35	0
CONTIG-018442	229	14	12	133	0
CONTIG-018443	754	14	70	158	0
CONTIG-018444	127	41	162	61	3
CONTIG-018445	225	10	32	70	0
CONTIG-018446	181	19	163	85	0
CONTIG-018447	125	9	12	25	0
CONTIG-018448	87	16	12	7	0
CONTIG-018450	953	39	73	46	517
CONTIG-018454	2801	24	266	1931	31
CONTIG-018455	71	81	25	162	2
CONTIG-018456	339	19	26	145	0
CONTIG-018457	206	7	5	46	0
CONTIG-018458	201	11	21	33	0
CONTIG-018459	142	6	0	33	0
CONTIG-018460	532	19	154	328	0
CONTIG-018461	138	9	25	17	0
CONTIG-018462	505	22	147	295	8
CONTIG-018463	678	49	108	725	34
CONTIG-018464	175	6	7	17	0
CONTIG-018465	177	24	20	66	0
CONTIG-018466	98	5	9	16	0
CONTIG-018467	244	6	23	42	0
CONTIG-018468	204	9	7	65	0
CONTIG-018470	205	7	2	60	0
CONTIG-018471	57	549	141	784	13
CONTIG-018472	143	41	36	62	0
CONTIG-018473	171	6	4	39	2

CONTIG-018474	282	25	81	210	0
CONTIG-018475	118	3	0	0	0
CONTIG-018476	278	15	59	160	0
CONTIG-018477	71	61	86	75	0
CONTIG-018478	172	6	42	0	0
CONTIG-018479	217	4	15	12	0
CONTIG-018480	431	12	73	94	0
CONTIG-018481	184	17	64	157	0
CONTIG-018487	240	12	30	86	0
CONTIG-018488	464	21	279	154	0
CONTIG-018491	89	6	4	9	0
CONTIG-018492	300	16	56	124	7
CONTIG-018499	139	14	52	41	0
CONTIG-018500	204	17	41	27	7
CONTIG-018501	105	16	117	21	0
CONTIG-018502	903	20	101	601	3
CONTIG-018503	88	31	82	41	0
CONTIG-018507	60	2	3	4	0
CONTIG-018508	88	8	25	15	0
CONTIG-018509	1124	18	38	535	12
CONTIG-018510	321	7	43	75	0
CONTIG-018511	199	15	27	128	3
CONTIG-018514	51	219	20	391	0
CONTIG-018515	120	110	53	261	0
CONTIG-018516	941	50	130	2066	50
CONTIG-018517	504	20	47	65	34
CONTIG-018518	82	5	24	4	0
CONTIG-018519	141	8	7	41	0
CONTIG-018520	98	10	4	8	0
CONTIG-018521	450	17	85	244	0
CONTIG-018522	93	10	22	25	0
CONTIG-018523	598	47	170	352	0
CONTIG-018525	1201	22	227	494	0
CONTIG-018527	280	12	14	83	0
CONTIG-018528	371	21	51	221	0
CONTIG-018529	105	9	34	12	0
CONTIG-018530	179	17	7	99	0
CONTIG-018531	60	3	4	0	0
CONTIG-018532	98	10	17	30	0
CONTIG-018533	163	8	20	44	0
CONTIG-018537	333	21	10	154	0
CONTIG-018538	718	15	74	154	24
CONTIG-018539	449	41	475	403	0
CONTIG-018540	64	14	9	25	0
CONTIG-018541	99	4	2	4	0
CONTIG-018542	193	8	4	46	0
CONTIG-018543	906	27	129	531	7

CONTIG-018544	495	20	129	309	0
CONTIG-018545	63	63	82	101	2
CONTIG-018546	163	10	26	23	0
CONTIG-018547	156	5	2	32	0
CONTIG-018548	321	17	111	95	0
CONTIG-018549	119	9	10	36	0
CONTIG-018550	420	19	285	120	4
CONTIG-018551	133	10	26	28	0
CONTIG-018552	81	20	94	3	0
CONTIG-018554	193	10	31	33	0
CONTIG-018555	136	14	109	0	0
CONTIG-018556	289	14	129	138	0
CONTIG-018557	317	20	101	99	4
CONTIG-018558	1835	38	225	3346	2
CONTIG-018559	376	21	83	190	2
CONTIG-018560	78	108	17	344	6
CONTIG-018561	273	54	103	297	96
CONTIG-018562	324	7	15	82	0
CONTIG-018563	102	5	3	12	0
CONTIG-018564	59	5	8	4	0
CONTIG-018565	77	24	59	36	0
CONTIG-018566	73	525	139	1052	140
CONTIG-018567	73	5	20	7	0
CONTIG-018568	607	22	99	637	0
CONTIG-018570	2015	19	99	1096	14
CONTIG-018571	89	12	65	14	0
CONTIG-018572	134	10	5	59	0
CONTIG-018573	206	5	18	9	4
CONTIG-018575	68	68	151	128	0
CONTIG-018576	69	15	10	29	0
CONTIG-018579	100	42	2	134	0
CONTIG-018580	61	24	50	29	0
CONTIG-018584	1239	165	569	12986	4
CONTIG-018585	183	14	89	66	0
CONTIG-018586	253	23	101	78	5
CONTIG-018587	68	3	0	4	0
CONTIG-018591	94	6	3	18	0
CONTIG-018592	250	8	37	50	0
CONTIG-018593	117	342	54	931	147
CONTIG-018594	398	29	24	388	2
CONTIG-018595	106	52	19	165	0
CONTIG-018596	510	13	29	195	20
CONTIG-018597	81	6	4	12	0
CONTIG-018598	679	44	164	559	96
CONTIG-018599	331	20	76	98	8
CONTIG-018600	225	18	33	211	0
CONTIG-018601	200	26	26	305	0

CONTIG-018602	167	256	0	1305	0
CONTIG-018605	50	2333	700	40	1741
CONTIG-018606	152	11	31	33	0
CONTIG-018607	491	39	132	518	17
CONTIG-018609	639	28	76	371	17
CONTIG-018610	180	14	58	92	0
CONTIG-018611	101	135	65	449	0
CONTIG-018612	329	18	73	222	0
CONTIG-018613	480	26	66	451	2
CONTIG-018614	78	5	3	12	0
CONTIG-018615	129	5	4	7	0
CONTIG-018616	280	43	65	394	0
CONTIG-018617	131	159	128	1042	0
CONTIG-018618	93	5	12	16	0
CONTIG-018620	247	6	12	38	2
CONTIG-018621	1082	17	71	845	2
CONTIG-018622	1536	43	102	3052	240
CONTIG-018623	497	14	57	183	0
CONTIG-018624	98	14	67	6	0
CONTIG-018625	208	14	64	107	0
CONTIG-018626	1311	34	134	1365	20
CONTIG-018629	90	55	4	214	3
CONTIG-018630	689	30	97	956	0
CONTIG-018631	333	25	76	278	2
CONTIG-018632	484	11	94	180	0
CONTIG-018633	65	5	16	8	0
CONTIG-018634	250	9	17	63	0
CONTIG-018635	209	10	67	60	0
CONTIG-018636	79	9	16	6	0
CONTIG-018638	242	11	21	93	0
CONTIG-018639	293	16	136	68	4
CONTIG-018640	85	11	34	2	0
CONTIG-018641	185	11	38	50	0
CONTIG-018642	97	31	43	75	0
CONTIG-018643	409	16	63	256	0
CONTIG-018644	131	6	33	18	0
CONTIG-018646	68	31	19	18	0
CONTIG-018651	329	10	196	62	0
CONTIG-018652	350	54	99	813	0
CONTIG-018653	246	11	16	86	0
CONTIG-018655	309	9	69	51	0
CONTIG-018656	184	14	27	70	0
CONTIG-018658	141	8	25	24	0
CONTIG-018659	667	16	27	257	0
CONTIG-018660	209	7	5	29	0
CONTIG-018661	882	21	126	395	30
CONTIG-018662	179	10	19	53	0

CONTIG-018663	128	9	37	18	0
CONTIG-018664	234	7	25	37	0
CONTIG-018665	213	28	15	162	8
CONTIG-018666	746	50	53	43	0
CONTIG-018667	204	19	42	97	0
CONTIG-018668	64	6	0	2	0
CONTIG-018669	1558	24	247	2016	2
CONTIG-018670	85	5	16	4	0
CONTIG-018671	89	23	195	2	0
CONTIG-018672	186	44	71	187	6
CONTIG-018674	257	12	11	101	0
CONTIG-018675	446	17	71	350	0
CONTIG-018676	541	19	310	327	0
CONTIG-018677	59	6	0	15	0
CONTIG-018678	725	12	49	379	0
CONTIG-018681	96	8	3	17	0
CONTIG-018682	461	24	258	289	4
CONTIG-018683	68	7	4	10	0
CONTIG-018684	85	3	2	12	0
CONTIG-018685	64	128	145	96	7
CONTIG-018686	361	20	73	210	0
CONTIG-018687	231	14	43	56	0
CONTIG-018688	107	19	7	87	0
CONTIG-018689	306	18	69	171	2
CONTIG-018690	464	31	305	303	8
CONTIG-018691	85	7	36	8	0
CONTIG-018692	95	6	0	20	0
CONTIG-018693	107	15	13	23	4
CONTIG-018694	110	5	2	2	0
CONTIG-018695	499	40	173	1160	0
CONTIG-018696	847	20	58	455	6
CONTIG-018697	767	18	167	431	2
CONTIG-018698	170	9	4	42	0
CONTIG-018699	90	5	0	10	0
CONTIG-018700	68	6	14	9	2
CONTIG-018702	203	21	90	157	0
CONTIG-018703	65	26	163	6	0
CONTIG-018704	90	3	3	8	0
CONTIG-018705	670	50	135	1463	8
CONTIG-018711	119	5	8	20	0
CONTIG-018712	616	26	50	226	23
CONTIG-018714	259	17	115	47	2
CONTIG-018716	134	10	27	32	0
CONTIG-018717	105	7	13	9	2
CONTIG-018718	79	4	0	10	0
CONTIG-018719	65	7	8	4	0
CONTIG-018720	120	20	47	80	0

CONTIG-018721	98	10	42	23	0
CONTIG-018722	307	11	82	108	8
CONTIG-018723	669	23	474	539	0
CONTIG-018724	1118	28	420	1097	16
CONTIG-018725	61	19	32	14	0
CONTIG-018726	93	9	5	37	0
CONTIG-018728	62	4	2	4	0
CONTIG-018729	190	14	22	104	0
CONTIG-018730	355	5	14	45	0
CONTIG-018737	408	11	56	164	0
CONTIG-018738	86	36	6	51	0
CONTIG-018739	252	9	59	52	0
CONTIG-018740	100	13	6	27	0
CONTIG-018741	96	8	23	2	0
CONTIG-018743	76	7	32	2	0
CONTIG-018745	589	16	9	439	0
CONTIG-018746	107	7	7	22	0
CONTIG-018747	210	13	25	106	0
CONTIG-018748	377	12	37	100	2
CONTIG-018749	2093	122	328	16558	5
CONTIG-018750	170	14	101	46	0
CONTIG-018751	205	10	55	49	0
CONTIG-018752	648	25	362	463	0
CONTIG-018753	114	7	11	7	0
CONTIG-018754	587	52	9	48	0
CONTIG-018755	137	26	25	25	0
CONTIG-018756	81	7	6	4	0
CONTIG-018757	43	227	220	243	15
CONTIG-018758	476	52	161	748	22
CONTIG-018761	170	64	94	535	0
CONTIG-018764	352	10	18	127	2
CONTIG-018765	290	29	63	369	0
CONTIG-018766	114	8	4	28	0
CONTIG-018767	62	15	9	19	0
CONTIG-018768	45	472	19	1137	0
CONTIG-018769	419	26	82	208	0
CONTIG-018770	295	26	137	325	6
CONTIG-018771	662	21	203	448	0
CONTIG-018772	67	5	5	0	0
CONTIG-018773	374	10	25	120	0
CONTIG-018774	114	7	2	36	0
CONTIG-018775	60	5	7	4	0
CONTIG-018777	286	18	223	65	0
CONTIG-018778	100	12	22	35	0
CONTIG-018779	304	42	169	373	3
CONTIG-018781	260	171	132	1840	191
CONTIG-018782	496	58	184	1090	10

CONTIG-018783	255	14	16	144	0
CONTIG-018784	533	25	74	611	2
CONTIG-018787	92	4	3	6	2
CONTIG-018788	561	17	159	241	7
CONTIG-018789	112	9	17	24	0
CONTIG-018790	474	43	134	413	66
CONTIG-018791	180	14	78	25	0
CONTIG-018792	842	20	125	478	6
CONTIG-018793	557	21	244	426	0
CONTIG-018794	909	20	93	363	30
CONTIG-018795	321	24	4	343	4
CONTIG-018796	91	38	108	71	0
CONTIG-018797	207	10	13	102	0
CONTIG-018798	547	25	92	288	2
CONTIG-018799	842	20	350	499	2
CONTIG-018800	329	51	67	706	46
CONTIG-018802	485	24	177	143	0
CONTIG-018803	77	8	23	6	2
CONTIG-018804	274	10	15	62	2
CONTIG-018805	92	7	0	17	0
CONTIG-018806	75	8	12	3	0
CONTIG-018807	77	47	24	146	0
CONTIG-018808	309	24	44	282	0
CONTIG-018809	188	15	31	83	0
CONTIG-018810	899	23	310	452	21
CONTIG-018812	62	15	42	8	0
CONTIG-018813	114	9	18	29	0
CONTIG-018814	894	17	152	353	22
CONTIG-018815	110	7	32	7	0
CONTIG-018816	95	9	19	8	0
CONTIG-018819	114	4	10	11	0
CONTIG-018821	309	14	61	146	0
CONTIG-018822	605	16	59	187	8
CONTIG-018825	80	6	6	5	0
CONTIG-018826	538	14	57	255	0
CONTIG-018827	60	4	2	2	0
CONTIG-018828	152	12	21	47	0
CONTIG-018829	99	12	17	55	0
CONTIG-018830	612	16	25	119	26
CONTIG-018831	749	21	361	322	0
CONTIG-018832	612	18	84	461	0
CONTIG-018833	243	22	36	281	0
CONTIG-018834	84	4	14	4	0
CONTIG-018835	59	5	10	0	0
CONTIG-018836	269	33	328	178	0
CONTIG-018837	1043	56	69	3107	19
CONTIG-018838	172	18	23	6	0

CONTIG-018840	109	6	17	9	0
CONTIG-018841	72	5	14	7	0
CONTIG-018842	120	15	22	26	12
CONTIG-018843	762	75	147	2254	88
CONTIG-018844	63	3	2	2	0
CONTIG-018845	295	5	2	54	0
CONTIG-018846	162	10	17	67	0
CONTIG-018847	117	9	73	0	0
CONTIG-018848	141	11	82	38	0
CONTIG-018849	94	36	2	72	0
CONTIG-018850	230	11	39	99	0
CONTIG-018851	96	17	17	78	0
CONTIG-018852	273	19	94	132	6
CONTIG-018853	128	8	5	37	0
CONTIG-018854	222	26	149	194	0
CONTIG-018855	159	11	14	52	0
CONTIG-018857	114	8	9	20	0
CONTIG-018858	587	25	86	326	22
CONTIG-018859	102	24	77	55	0
CONTIG-018860	188	10	32	59	0
CONTIG-018863	1053	15	50	445	17
CONTIG-018864	153	16	182	36	0
CONTIG-018865	605	12	77	194	0
CONTIG-018866	300	17	89	92	21
CONTIG-018867	150	16	56	34	2
CONTIG-018868	39	1240	9	1772	0
CONTIG-018869	143	6	38	4	0
CONTIG-018871	628	16	111	483	0
CONTIG-018872	60	8	18	0	0
CONTIG-018873	96	4	6	4	0
CONTIG-018874	76	38	55	111	2
CONTIG-018875	61	14	21	18	0
CONTIG-018876	68	8	12	13	0
CONTIG-018877	167	15	13	26	13
CONTIG-018878	84	13	5	18	0
CONTIG-018879	550	24	38	259	2
CONTIG-018880	1346	21	31	1069	18
CONTIG-018881	78	6	10	10	0
CONTIG-018882	132	12	15	36	0
CONTIG-018883	431	5	15	0	0
CONTIG-018884	175	13	28	9	2
CONTIG-018885	685	34	206	788	6
CONTIG-018886	183	10	8	74	0
CONTIG-018887	304	20	74	149	0
CONTIG-018889	127	8	21	17	0
CONTIG-018890	59	3	4	2	0
CONTIG-018891	424	16	243	181	0

CONTIG-018892	538	14	30	383	0
CONTIG-018893	272	17	43	42	2
CONTIG-018894	337	7	13	43	0
CONTIG-018895	377	28	48	345	0
CONTIG-018896	76	10	0	17	2
CONTIG-018897	394	61	43	740	76
CONTIG-018898	36	65	103	0	0
CONTIG-018899	150	4	6	15	2
CONTIG-018900	39	1063	29	1361	0
CONTIG-018902	63	6	8	4	0
CONTIG-018903	239	18	181	76	0
CONTIG-018904	68	22	44	48	0
CONTIG-018905	1298	27	102	483	4
CONTIG-018906	100	19	11	39	0
CONTIG-018907	167	5	2	16	0
CONTIG-018908	81	5	9	2	0
CONTIG-018909	612	32	130	492	0
CONTIG-018910	94	26	8	43	0
CONTIG-018911	169	13	49	61	0
CONTIG-018912	204	11	14	65	0
CONTIG-018914	67	10	4	28	0
CONTIG-018917	61	7	5	8	0
CONTIG-018918	635	34	96	782	0
CONTIG-018919	67	3	0	2	0
CONTIG-018920	111	85	53	236	14
CONTIG-018921	238	12	8	24	0
CONTIG-018923	160	9	7	35	0
CONTIG-018924	188	13	55	68	0
CONTIG-018925	202	16	26	132	0
CONTIG-018926	104	34	15	174	2
CONTIG-018927	267	7	16	43	0
CONTIG-018928	250	7	18	34	0
CONTIG-018929	136	8	15	28	0
CONTIG-018930	902	13	166	374	0
CONTIG-018931	134	7	6	16	0
CONTIG-018932	329	13	32	93	2
CONTIG-018934	88	11	12	2	0
CONTIG-018935	63	285	155	318	57
CONTIG-018936	155	3	5	23	0
CONTIG-018938	593	141	22	56	0
CONTIG-018939	420	63	64	1252	0
CONTIG-018940	101	81	35	238	15
CONTIG-018941	203	27	23	151	2
CONTIG-018943	140	6	0	0	0
CONTIG-018944	85	6	4	15	0
CONTIG-018945	444	13	32	216	0
CONTIG-018946	849	38	128	1912	2

CONTIG-018947	114	15	15	40	0
CONTIG-018948	78	4	6	8	0
CONTIG-018949	452	17	138	234	0
CONTIG-018950	747	14	86	254	0
CONTIG-018951	257	13	16	72	2
CONTIG-018952	319	8	11	56	4
CONTIG-018953	428	19	170	269	4
CONTIG-018954	210	28	70	154	0
CONTIG-018956	36	284	158	223	21
CONTIG-018957	164	7	45	24	0
CONTIG-018958	75	5	0	8	0
CONTIG-018959	642	33	84	822	20
CONTIG-018960	72	5	9	0	0
CONTIG-018961	131	38	8	196	0
CONTIG-018962	73	20	3	52	0
CONTIG-018963	350	10	37	11	0
CONTIG-018964	228	21	42	67	0
CONTIG-018965	169	7	7	30	0
CONTIG-018966	291	29	94	367	0
CONTIG-018968	123	54	36	328	0
CONTIG-018969	85	205	155	740	5
CONTIG-018972	161	11	33	46	0
CONTIG-018973	365	11	40	83	2
CONTIG-018974	555	23	40	536	2
CONTIG-018975	59	21	31	30	0
CONTIG-018976	87	22	25	18	0
CONTIG-018977	758	25	94	729	2
CONTIG-018978	66	6	4	12	0
CONTIG-018979	140	15	0	83	16
CONTIG-018980	61	3	0	2	0
CONTIG-018982	799	75	16	2	958
CONTIG-018983	148	10	19	30	0
CONTIG-018984	105	10	36	29	0
CONTIG-018985	82	8	3	20	0
CONTIG-018986	105	60	39	332	2
CONTIG-018987	176	16	59	109	0
CONTIG-018988	488	15	46	193	2
CONTIG-018989	109	16	6	47	2
CONTIG-018990	75	7	6	15	0
CONTIG-018991	475	16	79	199	3
CONTIG-018992	225	11	9	94	0
CONTIG-018994	82	56	12	223	0
CONTIG-018995	116	6	9	22	0
CONTIG-018996	132	18	73	82	0
CONTIG-018997	166	8	28	28	0
CONTIG-019000	158	8	19	34	0
CONTIG-019001	98	5	15	9	0

CONTIG-019002	149	79	84	327	0
CONTIG-019003	85	4	4	2	0
CONTIG-019004	164	10	16	43	0
CONTIG-019005	733	28	286	613	7
CONTIG-019006	248	15	86	142	2
CONTIG-019009	96	468	0	0	391
CONTIG-019011	210	16	48	145	0
CONTIG-019012	483	17	0	13	0
CONTIG-019013	106	8	4	8	0
CONTIG-019014	60	6	25	2	0
CONTIG-019015	97	12	34	7	0
CONTIG-019016	63	11	42	0	0
CONTIG-019017	432	163	126	3111	335
CONTIG-019019	201	9	0	84	0
CONTIG-019022	61	4	2	6	0
CONTIG-019025	181	6	69	8	0
CONTIG-019026	443	115	194	2280	18
CONTIG-019028	195	31	116	278	0
CONTIG-019029	483	16	32	237	0
CONTIG-019030	83	13	39	4	0
CONTIG-019031	465	25	148	390	5
CONTIG-019032	1156	21	116	741	6
CONTIG-019033	112	5	0	11	0
CONTIG-019034	112	6	9	9	0
CONTIG-019038	269	10	26	50	0
CONTIG-019039	523	35	131	475	22
CONTIG-019040	58	16	13	8	0
CONTIG-019041	317	45	44	208	0
CONTIG-019042	574	16	245	271	8
CONTIG-019043	173	70	75	449	7
CONTIG-019044	292	18	10	159	8
CONTIG-019045	219	7	24	29	0
CONTIG-019046	629	46	76	1266	0
CONTIG-019047	65	11	28	0	0
CONTIG-019048	109	24	41	49	0
CONTIG-019049	506	20	174	243	0
CONTIG-019050	87	427	23	2359	0
CONTIG-019051	587	10	18	125	4
CONTIG-019052	259	8	15	84	0
CONTIG-019053	90	12	43	28	2
CONTIG-019054	208	7	14	31	0
CONTIG-019055	159	35	12	150	0
CONTIG-019056	57	10	15	4	0
CONTIG-019057	435	39	182	676	8
CONTIG-019058	303	17	202	125	0
CONTIG-019059	85	424	592	578	64
CONTIG-019060	547	71	515	953	0

CONTIG-019067	68	6	13	5	0
CONTIG-019068	61	6	28	0	0
CONTIG-019069	391	35	8	0	56
CONTIG-019070	422	15	72	169	2
CONTIG-019071	106	6	7	14	0
CONTIG-019072	152	25	40	114	0
CONTIG-019073	85	20	74	16	0
CONTIG-019074	134	9	51	30	0
CONTIG-019075	1035	50	94	7	319
CONTIG-019076	440	14	110	242	0
CONTIG-019077	69	5	0	7	0
CONTIG-019078	688	14	22	320	0
CONTIG-019079	417	17	143	147	0
CONTIG-019080	40	556	161	415	22
CONTIG-019082	77	2	7	2	0
CONTIG-019083	785	17	226	605	0
CONTIG-019084	281	135	256	1316	165
CONTIG-019085	129	9	12	36	0
CONTIG-019086	109	13	8	45	0
CONTIG-019087	238	22	192	49	0
CONTIG-019088	659	23	126	639	15
CONTIG-019091	1940	37	207	1674	53
CONTIG-019093	268	17	179	85	0
CONTIG-019094	65	7	13	10	0
CONTIG-019096	110	15	14	91	0
CONTIG-019097	86	26	20	67	0
CONTIG-019098	53	4	4	0	0
CONTIG-019099	174	8	5	44	0
CONTIG-019100	433	28	303	314	2
CONTIG-019101	111	13	35	46	0
CONTIG-019102	213	15	83	109	0
CONTIG-019103	156	24	26	120	0
CONTIG-019104	128	19	28	77	2
CONTIG-019105	277	14	124	120	2
CONTIG-019106	63	9	19	9	0
CONTIG-019107	65	39	21	78	2
CONTIG-019108	81	4	0	15	0
CONTIG-019109	507	16	112	156	6
CONTIG-019110	1854	25	205	2417	6
CONTIG-019111	113	9	48	14	0
CONTIG-019112	61	4	4	5	0
CONTIG-019113	265	8	21	47	0
CONTIG-019114	156	7	8	8	0
CONTIG-019115	71	89	119	79	7
CONTIG-019116	129	7	2	11	2
CONTIG-019117	126	11	125	0	2
CONTIG-019118	78	8	9	9	0

CONTIG-019119	234	11	24	25	0
CONTIG-019120	70	8	37	0	0
CONTIG-019122	187	16	76	54	0
CONTIG-019123	63	10	24	7	0
CONTIG-019125	308	12	99	73	0
CONTIG-019126	98	4	6	9	0
CONTIG-019127	161	15	186	33	0
CONTIG-019128	199	11	17	17	0
CONTIG-019130	2128	16	260	1346	2
CONTIG-019131	563	8	15	149	0
CONTIG-019134	86	14	4	49	0
CONTIG-019135	277	220	1155	2072	4
CONTIG-019136	153	84	44	544	8
CONTIG-019137	66	6	7	8	0
CONTIG-019138	310	9	20	69	0
CONTIG-019139	706	19	80	420	0
CONTIG-019140	419	16	75	290	0
CONTIG-019141	121	53	27	50	0
CONTIG-019142	71	3	4	0	0
CONTIG-019143	92	528	25	0	0
CONTIG-019144	299	10	24	81	2
CONTIG-019145	84	5	12	9	0
CONTIG-019147	505	17	119	201	2
CONTIG-019148	242	108	160	1241	8
CONTIG-019152	109	17	73	21	0
CONTIG-019153	1038	43	135	2565	12
CONTIG-019154	218	8	51	50	0
CONTIG-019155	555	16	59	305	0
CONTIG-019156	425	76	267	1698	2
CONTIG-019157	340	12	28	138	0
CONTIG-019158	218	13	94	59	0
CONTIG-019159	315	8	5	82	2
CONTIG-019160	79	3	0	4	0
CONTIG-019161	208	12	28	66	2
CONTIG-019162	185	14	78	67	0
CONTIG-019163	160	18	148	26	4
CONTIG-019164	193	10	16	45	0
CONTIG-019165	200	10	19	59	0
CONTIG-019166	376	42	272	657	2
CONTIG-019167	400	30	161	452	0
CONTIG-019168	543	10	24	136	0
CONTIG-019169	95	13	3	4	0
CONTIG-019170	391	11	69	109	0
CONTIG-019171	261	10	82	67	0
CONTIG-019176	735	25	509	604	0
CONTIG-019177	603	30	32	707	6
CONTIG-019178	106	7	28	25	0

CONTIG-019179	448	32	42	25	0
CONTIG-019181	151	137	49	704	6
CONTIG-019182	101	6	6	10	0
CONTIG-019183	94	4	12	0	0
CONTIG-019184	178	57	2	563	0
CONTIG-019185	533	17	65	155	2
CONTIG-019186	132	5	5	9	0
CONTIG-019187	99	6	0	10	2
CONTIG-019188	83	231	12	709	89
CONTIG-019189	2153	53	330	5287	184
CONTIG-019190	278	29	73	184	2
CONTIG-019191	63	3	2	5	0
CONTIG-019192	492	68	132	1389	46
CONTIG-019196	70	14	13	19	0
CONTIG-019197	203	11	6	93	0
CONTIG-019198	82	35	10	49	2
CONTIG-019200	210	5	3	21	0
CONTIG-019201	146	17	2	94	0
CONTIG-019202	217	14	31	84	9
CONTIG-019203	431	21	40	369	2
CONTIG-019204	599	10	59	261	0
CONTIG-019205	61	8	15	6	0
CONTIG-019206	147	9	6	48	0
CONTIG-019207	86	4	2	4	0
CONTIG-019209	99	6	12	9	0
CONTIG-019210	128	6	16	18	0
CONTIG-019211	105	78	181	120	2
CONTIG-019212	136	14	83	34	0
CONTIG-019213	138	14	16	34	0
CONTIG-019215	87	21	91	15	0
CONTIG-019216	84	11	7	50	0
CONTIG-019217	926	25	55	303	81
CONTIG-019218	65	7	17	0	0
CONTIG-019219	66	13	24	13	0
CONTIG-019220	81	3	8	2	0
CONTIG-019221	311	40	230	269	2
CONTIG-019222	170	6	31	11	0
CONTIG-019223	866	34	187	975	58
CONTIG-019224	487	12	24	71	4
CONTIG-019225	694	16	54	549	0
CONTIG-019226	154	7	4	31	0
CONTIG-019227	248	19	197	124	0
CONTIG-019228	104	6	16	10	0
CONTIG-019229	89	14	24	2	9
CONTIG-019230	122	9	6	38	0
CONTIG-019231	341	12	60	102	0
CONTIG-019232	327	7	59	42	0

CONTIG-019233	301	21	21	253	2
CONTIG-019234	106	6	9	28	0
CONTIG-019236	66	5	0	7	0
CONTIG-019237	92	19	36	24	0
CONTIG-019238	480	11	2	173	10
CONTIG-019239	76	16	5	71	0
CONTIG-019242	263	9	7	66	0
CONTIG-019243	78	12	45	0	0
CONTIG-019244	683	33	143	818	12
CONTIG-019246	81	5	0	13	0
CONTIG-019247	122	8	4	23	0
CONTIG-019250	70	8	48	0	0
CONTIG-019251	332	94	152	1811	2
CONTIG-019252	82	6	9	14	0
CONTIG-019253	438	14	62	284	0
CONTIG-019254	60	29	15	17	2
CONTIG-019255	165	368	149	2522	35
CONTIG-019256	158	51	3	278	12
CONTIG-019257	79	24	28	59	0
CONTIG-019258	211	8	6	76	0
CONTIG-019259	330	12	24	109	0
CONTIG-019261	402	37	207	357	10
CONTIG-019262	126	3	2	0	0
CONTIG-019263	185	6	20	17	0
CONTIG-019264	364	41	299	452	4
CONTIG-019265	321	14	104	77	0
CONTIG-019266	249	9	10	76	0
CONTIG-019267	106	20	128	29	0
CONTIG-019271	116	11	8	47	2
CONTIG-019272	220	81	86	1059	0
CONTIG-019273	123	14	20	34	0
CONTIG-019274	584	17	31	346	0
CONTIG-019275	427	22	27	504	0
CONTIG-019276	78	16	4	13	0
CONTIG-019277	87	17	0	30	0
CONTIG-019278	170	198	294	866	86
CONTIG-019279	488	20	82	250	0
CONTIG-019280	210	221	753	2121	24
CONTIG-019281	298	37	368	79	0
CONTIG-019282	175	31	73	282	0
CONTIG-019283	148	5	10	18	0
CONTIG-019284	97	486	388	1487	35
CONTIG-019285	240	19	156	84	5
CONTIG-019286	92	28	70	49	0
CONTIG-019287	65	5	3	9	0
CONTIG-019288	79	11	7	12	0
CONTIG-019290	358	20	92	183	6

CONTIG-019291	137	4	7	22	0
CONTIG-019292	263	8	18	44	0
CONTIG-019293	573	14	12	246	16
CONTIG-019294	242	29	52	260	0
CONTIG-019295	202	11	13	26	0
CONTIG-019296	377	76	112	936	38
CONTIG-019297	559	11	40	172	2
CONTIG-019299	128	6	2	20	0
CONTIG-019300	99	7	14	21	0
CONTIG-019301	92	7	18	2	0
CONTIG-019302	621	20	210	346	2
CONTIG-019304	1008	14	109	532	0
CONTIG-019305	38	593	105	678	12
CONTIG-019306	73	5	10	6	0
CONTIG-019307	326	17	73	130	2
CONTIG-019311	443	27	9	728	0
CONTIG-019312	147	37	81	132	2
CONTIG-019313	392	27	54	286	0
CONTIG-019314	79	36	29	47	0
CONTIG-019315	60	19	23	28	2
CONTIG-019316	74	8	10	21	0
CONTIG-019317	455	43	163	1058	0
CONTIG-019318	101	5	8	14	0
CONTIG-019319	156	11	41	31	2
CONTIG-019320	38	69	31	50	13
CONTIG-019321	959	20	203	516	6
CONTIG-019322	105	6	7	15	0
CONTIG-019323	366	11	39	52	0
CONTIG-019324	142	9	14	46	0
CONTIG-019325	86	99	53	220	0
CONTIG-019326	209	11	11	110	2
CONTIG-019327	327	35	208	301	7
CONTIG-019328	83	92	46	290	0
CONTIG-019329	238	20	61	181	2
CONTIG-019332	77	6	29	2	0
CONTIG-019333	189	6	11	19	0
CONTIG-019335	172	7	20	31	0
CONTIG-019336	206	8	15	33	0
CONTIG-019337	131	8	11	35	0
CONTIG-019338	369	11	73	137	0
CONTIG-019339	395	16	106	168	16
CONTIG-019340	1276	33	191	1200	44
CONTIG-019341	550	16	13	469	0
CONTIG-019342	142	16	26	31	0
CONTIG-019343	580	63	361	877	4
CONTIG-019344	159	8	16	25	0
CONTIG-019345	303	11	32	41	0

CONTIG-019346	184	45	301	103	0
CONTIG-019347	1544	23	154	1383	15
CONTIG-019348	423	27	123	416	2
CONTIG-019349	86	620	313	1445	124
CONTIG-019350	914	28	84	596	20
CONTIG-019352	195	6	9	24	0
CONTIG-019353	696	29	69	842	25
CONTIG-019355	248	27	17	302	0
CONTIG-019356	209	9	25	37	0
CONTIG-019357	178	10	47	58	0
CONTIG-019359	139	9	5	59	0
CONTIG-019360	248	9	11	82	0
CONTIG-019361	307	15	115	142	0
CONTIG-019362	257	60	86	399	18
CONTIG-019363	293	33	40	361	0
CONTIG-019365	336	15	54	126	2
CONTIG-019366	84	34	324	0	2
CONTIG-019367	60	15	19	20	2
CONTIG-019368	68	542	86	1081	119
CONTIG-019369	216	8	24	45	0
CONTIG-019370	163	11	93	10	0
CONTIG-019371	71	7	2	17	0
CONTIG-019372	98	59	106	176	10
CONTIG-019373	81	3	3	5	0
CONTIG-019376	141	8	24	48	0
CONTIG-019377	168	15	76	57	0
CONTIG-019378	75	9	13	12	0
CONTIG-019379	90	6	21	17	0
CONTIG-019382	140	23	93	2	0
CONTIG-019383	889	26	136	530	3
CONTIG-019384	601	26	125	399	21
CONTIG-019385	58	6	6	10	0
CONTIG-019386	85	3	0	4	0
CONTIG-019387	99	10	23	7	0
CONTIG-019388	329	10	93	57	0
CONTIG-019389	223	10	37	66	0
CONTIG-019390	793	19	163	600	4
CONTIG-019391	104	4	2	13	0
CONTIG-019392	145	12	38	29	0
CONTIG-019393	502	14	26	218	2
CONTIG-019394	169	10	26	26	0
CONTIG-019395	201	8	59	33	0
CONTIG-019403	254	27	138	206	0
CONTIG-019404	123	6	30	14	0
CONTIG-019408	67	9	25	6	0
CONTIG-019409	351	14	250	103	0
CONTIG-019410	66	5	4	8	0

CONTIG-019411	150	7	20	18	0
CONTIG-019412	110	16	2	31	0
CONTIG-019413	58	16	9	11	2
CONTIG-019414	109	14	75	27	0
CONTIG-019415	442	32	48	508	8
CONTIG-019416	418	23	40	318	10
CONTIG-019421	36	279	105	181	11
CONTIG-019422	187	11	24	63	0
CONTIG-019423	98	4	2	8	0
CONTIG-019424	106	5	6	11	0
CONTIG-019425	524	14	189	224	2
CONTIG-019426	99	5	0	14	0
CONTIG-019427	116	8	7	8	0
CONTIG-019428	92	21	96	2	0
CONTIG-019429	166	11	14	39	0
CONTIG-019430	416	27	55	180	23
CONTIG-019431	111	10	30	31	0
CONTIG-019432	194	8	32	37	0
CONTIG-019434	429	12	20	181	0
CONTIG-019435	44	78	0	155	0
CONTIG-019436	70	25	8	53	0
CONTIG-019437	318	11	16	63	2
CONTIG-019438	557	27	126	810	0
CONTIG-019439	429	17	266	124	0
CONTIG-019440	104	13	62	0	0
CONTIG-019441	224	12	44	92	0
CONTIG-019442	297	23	245	173	0
CONTIG-019444	247	10	36	60	8
CONTIG-019445	623	16	35	451	0
CONTIG-019446	190	10	29	80	0
CONTIG-019447	1227	15	79	327	46
CONTIG-019450	1662	86	544	7019	2
CONTIG-019451	159	9	13	22	0
CONTIG-019452	304	44	95	486	9
CONTIG-019453	242	15	40	125	0
CONTIG-019454	385	9	6	100	2
CONTIG-019455	406	12	71	78	4
CONTIG-019456	282	10	2	4	0
CONTIG-019457	287	42	232	371	0
CONTIG-019458	72	10	33	0	0
CONTIG-019460	108	7	9	20	0
CONTIG-019461	60	63	9	112	0
CONTIG-019462	39	79	36	73	0
CONTIG-019463	896	21	190	367	2
CONTIG-019464	149	8	14	63	0
CONTIG-019467	99	11	31	2	0
CONTIG-019468	78	12	12	14	0

CONTIG-019469	82	67	60	178	5
CONTIG-019470	227	13	55	100	0
CONTIG-019473	212	7	2	32	0
CONTIG-019474	365	15	60	168	0
CONTIG-019476	208	18	38	182	0
CONTIG-019477	172	23	21	204	2
CONTIG-019478	326	11	50	151	0
CONTIG-019479	86	14	15	6	0
CONTIG-019480	226	7	16	55	0
CONTIG-019481	52	56	25	30	0
CONTIG-019486	121	6	11	9	0
CONTIG-019487	204	4	11	26	0
CONTIG-019489	69	9	0	31	0
CONTIG-019490	655	28	72	651	13
CONTIG-019492	260	62	129	561	8
CONTIG-019493	289	35	9	22	135
CONTIG-019494	67	4	4	2	0
CONTIG-019495	1640	26	172	1869	0
CONTIG-019496	343	7	14	71	0
CONTIG-019497	148	11	20	32	0
CONTIG-019498	239	21	17	133	0
CONTIG-019499	140	49	122	195	4
CONTIG-019500	79	5	4	9	0
CONTIG-019501	616	22	111	498	2
CONTIG-019504	167	13	84	52	0
CONTIG-019505	75	133	36	410	0
CONTIG-019506	113	365	151	1643	7
CONTIG-019507	136	15	63	10	0
CONTIG-019508	133	9	2	46	2
CONTIG-019510	205	14	18	103	0
CONTIG-019511	655	23	196	619	2
CONTIG-019515	42	1322	59	2213	0
CONTIG-019516	191	15	9	122	0
CONTIG-019517	161	6	6	29	0
CONTIG-019518	42	433	62	429	26
CONTIG-019519	356	15	67	142	0
CONTIG-019520	97	8	0	0	0
CONTIG-019521	51	927	4	869	3
CONTIG-019524	245	42	71	338	4
CONTIG-019525	181	16	23	110	0
CONTIG-019526	208	20	20	138	0
CONTIG-019527	90	17	4	57	0
CONTIG-019528	375	56	153	1224	0
CONTIG-019529	251	7	22	35	0
CONTIG-019530	95	133	72	617	0
CONTIG-019531	84	11	15	14	0
CONTIG-019532	317	8	56	45	0

CONTIG-019533	59	326	16	59	0
CONTIG-019534	67	5	9	2	0
CONTIG-019535	189	8	44	20	0
CONTIG-019536	523	80	242	917	10
CONTIG-019537	353	13	71	80	0
CONTIG-019538	77	5	7	9	0
CONTIG-019539	149	289	26	2307	2
CONTIG-019540	127	5	4	12	0
CONTIG-019541	662	27	59	663	2
CONTIG-019542	208	36	37	211	0
CONTIG-019543	142	8	23	8	0
CONTIG-019544	162	13	26	90	0
CONTIG-019545	76	8	19	17	0
CONTIG-019546	637	26	125	535	18
CONTIG-019547	116	7	5	22	0
CONTIG-019548	155	13	0	75	0
CONTIG-019549	126	16	20	80	0
CONTIG-019550	110	9	21	19	2
CONTIG-019551	464	72	62	698	9
CONTIG-019552	331	6	12	30	0
CONTIG-019554	351	13	18	151	0
CONTIG-019555	73	440	387	400	95
CONTIG-019558	616	24	196	575	0
CONTIG-019559	156	11	12	46	2
CONTIG-019562	466	53	145	1540	0
CONTIG-019563	134	8	17	26	0
CONTIG-019564	308	72	323	332	2
CONTIG-019565	324	18	19	194	0
CONTIG-019566	1017	23	37	1268	3
CONTIG-019567	200	7	15	31	0
CONTIG-019568	210	9	14	59	0
CONTIG-019569	88	14	22	50	0
CONTIG-019570	175	6	6	4	6
CONTIG-019571	145	12	62	10	0
CONTIG-019572	704	22	72	397	40
CONTIG-019573	174	16	92	30	0
CONTIG-019574	282	165	546	739	157
CONTIG-019575	458	20	51	358	0
CONTIG-019576	62	24	90	10	0
CONTIG-019582	87	18	10	25	0
CONTIG-019583	128	11	47	15	0
CONTIG-019584	730	23	169	810	0
CONTIG-019585	346	40	120	413	2
CONTIG-019586	438	10	36	101	0
CONTIG-019587	68	5	5	6	0
CONTIG-019588	76	68	59	78	8
CONTIG-019589	84	37	2	142	0

CONTIG-019591	106	8	20	0	0
CONTIG-019595	103	6	31	6	0
CONTIG-019596	477	30	156	335	5
CONTIG-019597	895	21	260	419	10
CONTIG-019599	340	6	42	51	0
CONTIG-019600	104	8	12	22	0
CONTIG-019601	208	14	71	81	0
CONTIG-019602	306	7	17	52	0
CONTIG-019603	80	6	3	10	0
CONTIG-019604	99	8	2	4	0
CONTIG-019605	626	20	142	399	0
CONTIG-019606	192	32	48	124	6
CONTIG-019607	533	25	93	546	2
CONTIG-019608	551	38	102	851	4
CONTIG-019609	219	5	22	34	0
CONTIG-019610	429	9	16	84	2
CONTIG-019611	156	13	15	31	6
CONTIG-019617	274	12	11	103	2
CONTIG-019620	375	117	141	951	115
CONTIG-019621	135	5	31	14	0
CONTIG-019622	603	23	251	452	0
CONTIG-019623	289	31	262	242	0
CONTIG-019624	156	4	5	16	0
CONTIG-019625	500	13	44	288	0
CONTIG-019626	79	37	48	5	0
CONTIG-019627	414	28	251	197	2
CONTIG-019629	116	5	7	12	0
CONTIG-019630	566	13	118	188	0
CONTIG-019631	538	17	215	281	0
CONTIG-019632	81	7	7	8	0
CONTIG-019633	77	6	2	11	0
CONTIG-019634	374	24	54	198	4
CONTIG-019635	135	5	0	21	0
CONTIG-019636	608	30	86	988	0
CONTIG-019637	637	14	194	329	0
CONTIG-019641	240	12	8	98	2
CONTIG-019642	309	69	145	507	18
CONTIG-019643	118	6	0	5	0
CONTIG-019645	73	72	144	2	0
CONTIG-019646	361	10	10	173	0
CONTIG-019647	443	19	236	177	2
CONTIG-019648	230	7	11	40	0
CONTIG-019649	104	14	4	26	2
CONTIG-019650	298	13	76	135	0
CONTIG-019651	307	9	23	90	0
CONTIG-019657	90	11	17	24	0
CONTIG-019658	152	7	0	24	2

CONTIG-019659	212	9	12	78	0
CONTIG-019660	142	6	11	23	0
CONTIG-019661	88	11	2	28	0
CONTIG-019662	85	9	6	21	0
CONTIG-019663	564	78	161	1453	64
CONTIG-019664	511	14	31	235	2
CONTIG-019665	93	6	6	4	0
CONTIG-019666	261	10	37	69	0
CONTIG-019669	62	22	14	9	0
CONTIG-019671	426	21	436	208	0
CONTIG-019672	136	17	35	26	0
CONTIG-019673	662	15	84	291	2
CONTIG-019675	204	11	6	45	0
CONTIG-019676	62	8	15	2	0
CONTIG-019677	258	15	95	121	0
CONTIG-019678	115	6	10	19	0
CONTIG-019679	199	6	4	22	0
CONTIG-019680	256	8	30	81	0
CONTIG-019681	216	7	13	47	0
CONTIG-019683	568	19	245	210	6
CONTIG-019684	869	27	407	325	20
CONTIG-019685	434	25	160	233	2
CONTIG-019690	134	6	7	20	0
CONTIG-019691	611	27	155	487	2
CONTIG-019692	383	18	39	225	0
CONTIG-019693	65	4	0	6	0
CONTIG-019694	609	12	108	168	0
CONTIG-019695	124	129	173	891	0
CONTIG-019696	206	15	6	87	2
CONTIG-019698	112	6	2	18	0
CONTIG-019699	84	64	292	125	4
CONTIG-019708	163	7	0	39	0
CONTIG-019709	302	15	71	146	0
CONTIG-019710	155	7	28	27	0
CONTIG-019711	146	4	0	7	0
CONTIG-019712	339	22	58	377	0
CONTIG-019715	92	25	91	35	0
CONTIG-019717	688	28	90	1045	0
CONTIG-019718	120	16	9	76	0
CONTIG-019720	176	6	15	15	0
CONTIG-019721	177	6	4	41	4
CONTIG-019722	643	19	28	354	2
CONTIG-019727	851	15	100	393	0
CONTIG-019728	507	19	12	8	0
CONTIG-019729	364	10	45	88	0
CONTIG-019730	777	31	18	311	11
CONTIG-019731	294	392	513	4737	76

CONTIG-019732	243	30	118	137	0
CONTIG-019733	789	19	72	461	14
CONTIG-019736	477	13	35	183	0
CONTIG-019737	316	34	119	349	6
CONTIG-019738	203	8	28	60	0
CONTIG-019739	235	11	20	93	2
CONTIG-019740	93	201	71	653	0
CONTIG-019743	38	25	53	0	0
CONTIG-019748	80	9	4	13	0
CONTIG-019749	265	10	10	89	0
CONTIG-019750	686	23	9	636	7
CONTIG-019751	493	8	19	81	4
CONTIG-019752	670	35	65	718	33
CONTIG-019753	59	6	6	17	0
CONTIG-019754	842	19	299	541	0
CONTIG-019755	222	8	31	40	0
CONTIG-019756	99	15	89	15	0
CONTIG-019757	106	18	168	24	0
CONTIG-019758	71	2	2	0	0
CONTIG-019761	70	7	61	0	0
CONTIG-019762	158	43	22	255	0
CONTIG-019763	495	26	166	365	3
CONTIG-019764	158	14	116	65	0
CONTIG-019765	74	8	14	16	0
CONTIG-019766	2328	35	112	3396	19
CONTIG-019767	135	10	12	30	2
CONTIG-019768	1233	16	30	948	0
CONTIG-019771	68	32	2	64	0
CONTIG-019772	404	18	195	181	0
CONTIG-019773	1001	96	331	3696	61
CONTIG-019775	75	6	22	0	0
CONTIG-019776	567	12	35	302	0
CONTIG-019777	458	15	61	250	2
CONTIG-019778	269	24	118	72	3
CONTIG-019779	204	7	0	34	0
CONTIG-019780	369	16	85	150	6
CONTIG-019782	237	19	21	211	0
CONTIG-019783	64	183	193	445	4
CONTIG-019785	132	6	15	23	0
CONTIG-019786	185	13	15	82	0
CONTIG-019787	1930	52	127	5297	42
CONTIG-019788	165	16	57	31	0
CONTIG-019789	215	15	17	59	0
CONTIG-019797	87	66	137	174	0
CONTIG-019799	174	8	13	26	0
CONTIG-019800	446	89	50	2497	2
CONTIG-019806	386	22	109	164	4

CONTIG-019807	111	5	13	8	0
CONTIG-019809	111	11	28	9	0
CONTIG-019810	100	8	0	22	0
CONTIG-019811	341	23	60	214	4
CONTIG-019812	522	18	35	454	0
CONTIG-019813	671	35	144	479	0
CONTIG-019814	253	7	15	46	2
CONTIG-019815	349	17	83	182	0
CONTIG-019816	71	38	120	19	3
CONTIG-019817	130	11	11	57	0
CONTIG-019818	351	33	171	287	4
CONTIG-019819	715	13	49	219	4
CONTIG-019820	67	6	4	6	0
CONTIG-019821	701	11	23	338	5
CONTIG-019822	796	22	26	344	29
CONTIG-019823	81	8	5	23	0
CONTIG-019824	398	19	22	33	0
CONTIG-019825	153	16	38	107	0
CONTIG-019827	61	384	159	2	612
CONTIG-019828	204	10	62	4	0
CONTIG-019829	72	7	12	8	0
CONTIG-019830	169	7	2	19	0
CONTIG-019831	123	21	79	85	0
CONTIG-019832	65	20	118	0	0
CONTIG-019833	1090	21	278	595	4
CONTIG-019834	306	13	48	128	0
CONTIG-019835	150	21	79	89	0
CONTIG-019836	366	11	12	195	0
CONTIG-019837	717	14	197	233	2
CONTIG-019838	259	10	11	73	2
CONTIG-019842	131	4	3	14	0
CONTIG-019843	176	8	93	7	0
CONTIG-019844	74	4	6	15	0
CONTIG-019845	310	12	66	111	0
CONTIG-019846	132	4	16	2	0
CONTIG-019847	63	8	52	0	0
CONTIG-019848	419	15	21	123	0
CONTIG-019849	97	6	2	19	0
CONTIG-019850	318	18	44	225	0
CONTIG-019851	181	93	255	571	21
CONTIG-019852	264	21	90	198	0
CONTIG-019853	383	33	38	297	15
CONTIG-019854	152	22	38	188	0
CONTIG-019855	308	6	38	8	0
CONTIG-019856	343	8	13	61	0
CONTIG-019857	100	8	7	26	0
CONTIG-019858	152	8	14	47	0

CONTIG-019859	98	5	19	9	2
CONTIG-019860	138	6	9	23	0
CONTIG-019861	62	14	23	0	0
CONTIG-019862	97	8	15	26	0
CONTIG-019863	148	9	3	46	0
CONTIG-019864	123	12	119	0	0
CONTIG-019866	409	21	20	469	0
CONTIG-019867	75	5	12	6	0
CONTIG-019871	63	49	3	13	0
CONTIG-019872	103	6	0	16	0
CONTIG-019879	68	3	3	4	0
CONTIG-019880	1014	47	160	2	323
CONTIG-019881	47	6	6	2	0
CONTIG-019882	723	15	64	437	2
CONTIG-019883	78	13	13	27	0
CONTIG-019884	226	21	40	119	0
CONTIG-019885	161	15	43	99	0
CONTIG-019886	89	14	14	60	0
CONTIG-019887	296	13	39	104	0
CONTIG-019888	365	44	61	303	0
CONTIG-019889	39	362	118	139	2
CONTIG-019890	364	17	54	110	2
CONTIG-019891	126	725	196	1343	465
CONTIG-019895	95	13	9	25	0
CONTIG-019896	218	5	17	20	0
CONTIG-019897	223	41	43	382	2
CONTIG-019902	88	13	12	38	2
CONTIG-019903	98	22	177	0	0
CONTIG-019904	162	10	71	15	0
CONTIG-019905	234	7	2	25	0
CONTIG-019906	385	11	8	202	0
CONTIG-019907	240	24	176	173	0
CONTIG-019908	151	74	116	439	2
CONTIG-019909	229	28	15	305	0
CONTIG-019913	623	12	66	281	0
CONTIG-019914	102	7	0	31	0
CONTIG-019915	53	55	7	85	0
CONTIG-019917	381	9	4	108	2
CONTIG-019918	125	10	13	41	0
CONTIG-019919	61	4	8	2	0
CONTIG-019920	134	9	16	32	0
CONTIG-019923	150	8	3	37	0
CONTIG-019924	389	9	15	94	2
CONTIG-019925	95	17	22	7	0
CONTIG-019926	194	13	11	112	2
CONTIG-019927	555	30	216	420	3
CONTIG-019928	226	72	245	243	0

CONTIG-019929	199	11	6	50	4
CONTIG-019934	289	24	18	281	0
CONTIG-019935	618	11	34	297	0
CONTIG-019938	161	11	95	35	0
CONTIG-019939	110	8	50	6	0
CONTIG-019940	236	16	173	15	0
CONTIG-019941	81	17	13	34	0
CONTIG-019942	703	32	196	801	0
CONTIG-019943	455	27	118	450	15
CONTIG-019944	476	14	60	217	0
CONTIG-019945	186	7	18	24	0
CONTIG-019946	226	12	28	115	0
CONTIG-019947	556	11	14	173	0
CONTIG-019948	143	309	413	1677	71
CONTIG-019949	118	8	34	16	0
CONTIG-019950	113	3	4	10	0
CONTIG-019951	157	14	43	71	2
CONTIG-019952	146	209	213	1508	0
CONTIG-019953	43	253	6	515	0
CONTIG-019954	113	33	348	0	0
CONTIG-019955	363	24	27	292	2
CONTIG-019958	141	10	14	37	4
CONTIG-019960	355	17	12	274	2
CONTIG-019961	255	36	205	91	11
CONTIG-019962	47	985	87	717	68
CONTIG-019963	185	16	73	107	0
CONTIG-019964	99	12	14	35	0
CONTIG-019966	541	118	8	0	631
CONTIG-019968	169	9	26	23	0
CONTIG-019969	340	14	73	135	0
CONTIG-019971	192	12	42	54	0
CONTIG-019972	208	8	19	22	0
CONTIG-019973	208	19	129	0	84
CONTIG-019974	81	6	2	19	0
CONTIG-019975	252	4	5	28	0
CONTIG-019976	118	13	21	42	2
CONTIG-019977	376	17	45	243	0
CONTIG-019978	324	13	64	122	0
CONTIG-019979	107	7	5	8	2
CONTIG-019980	367	16	51	144	0
CONTIG-019981	172	12	13	74	0
CONTIG-019982	144	37	72	66	9
CONTIG-019983	174	27	119	96	0
CONTIG-019984	361	11	40	101	0
CONTIG-019985	318	7	18	20	0
CONTIG-019992	207	10	46	62	0
CONTIG-019993	154	14	9	56	0

CONTIG-019994	352	34	49	504	0
CONTIG-019995	181	7	23	35	0
CONTIG-019996	138	141	98	2	532
CONTIG-019997	549	10	99	131	5
CONTIG-019998	130	8	24	28	0
CONTIG-019999	127	8	7	21	0
CONTIG-020000	355	22	44	256	10
CONTIG-020001	185	14	39	79	0
CONTIG-020002	577	35	81	373	10
CONTIG-020003	64	14	29	18	0
CONTIG-020004	264	4	11	15	0
CONTIG-020006	323	15	14	145	0
CONTIG-020007	202	23	204	25	0
CONTIG-020008	271	5	7	31	0
CONTIG-020010	239	69	72	810	0
CONTIG-020011	514	19	94	336	0
CONTIG-020012	178	8	5	51	0
CONTIG-020013	292	16	43	55	0
CONTIG-020014	86	8	5	21	0
CONTIG-020015	1004	53	160	1867	129
CONTIG-020016	142	329	124	990	166
CONTIG-020017	940	59	28	241	0
CONTIG-020018	180	36	15	224	2
CONTIG-020022	230	11	71	78	0
CONTIG-020023	77	8	14	9	0
CONTIG-020024	202	80	22	401	2
CONTIG-020025	376	50	190	349	23
CONTIG-020026	123	20	23	68	4
CONTIG-020027	80	12	36	10	0
CONTIG-020028	112	5	6	15	0
CONTIG-020035	382	10	16	117	2
CONTIG-020036	219	12	55	41	0
CONTIG-020038	177	8	5	49	0
CONTIG-020040	222	380	14	2	23
CONTIG-020041	219	5	8	32	0
CONTIG-020043	121	8	13	35	0
CONTIG-020044	130	18	28	90	0
CONTIG-020045	110	10	10	42	0
CONTIG-020046	76	8	11	20	0
CONTIG-020048	268	10	45	45	0
CONTIG-020052	66	4	22	0	0
CONTIG-020053	263	93	49	1393	2
CONTIG-020054	279	32	100	166	0
CONTIG-020055	460	16	108	193	6
CONTIG-020056	101	12	4	39	0
CONTIG-020057	142	16	17	92	2
CONTIG-020060	291	35	373	200	0

CONTIG-020062	213	19	88	135	0
CONTIG-020063	50	27	5	49	0
CONTIG-020064	232	13	58	117	0
CONTIG-020067	283	12	2	109	6
CONTIG-020068	401	19	52	160	0
CONTIG-020069	182	11	8	39	0
CONTIG-020070	270	15	72	110	0
CONTIG-020071	413	24	77	282	2
CONTIG-020072	410	11	118	126	0
CONTIG-020073	199	11	3	91	0
CONTIG-020074	95	5	8	8	0
CONTIG-020075	91	10	46	4	0
CONTIG-020076	414	26	210	140	16
CONTIG-020077	648	15	29	207	20
CONTIG-020078	335	24	52	157	7
CONTIG-020079	150	12	44	17	0
CONTIG-020080	153	14	34	44	0
CONTIG-020088	165	11	23	61	0
CONTIG-020091	122	6	3	31	0
CONTIG-020092	435	23	83	286	0
CONTIG-020093	1344	22	33	518	4
CONTIG-020094	298	15	194	91	0
CONTIG-020095	291	10	48	59	0
CONTIG-020099	173	9	3	64	0
CONTIG-020100	127	10	11	54	0
CONTIG-020106	180	42	60	164	0
CONTIG-020107	225	7	7	50	0
CONTIG-020108	232	23	35	13	0
CONTIG-020109	71	14	30	0	0
CONTIG-020110	629	15	79	422	0
CONTIG-020111	324	15	172	98	0
CONTIG-020112	126	17	22	112	0
CONTIG-020113	809	16	148	371	4
CONTIG-020114	237	25	132	57	11
CONTIG-020115	574	9	126	133	0
CONTIG-020116	148	31	38	210	0
CONTIG-020118	396	18	50	248	0
CONTIG-020119	67	10	6	9	0
CONTIG-020120	429	21	59	392	0
CONTIG-020121	142	18	124	42	0
CONTIG-020123	1163	38	116	934	86
CONTIG-020124	213	8	6	55	0
CONTIG-020125	106	20	103	10	0
CONTIG-020126	73	9	10	27	0
CONTIG-020127	299	17	46	103	0
CONTIG-020128	110	6	3	28	0
CONTIG-020129	100	4	6	10	0

CONTIG-020130	63	8	42	2	0
CONTIG-020131	92	19	33	21	0
CONTIG-020132	152	13	11	89	0
CONTIG-020133	59	5	22	0	0
CONTIG-020134	421	16	52	174	3
CONTIG-020135	1422	34	132	2386	9
CONTIG-020136	191	6	20	21	0
CONTIG-020137	351	39	244	218	4
CONTIG-020139	478	16	290	265	0
CONTIG-020140	156	12	10	77	0
CONTIG-020144	180	6	6	39	0
CONTIG-020145	84	24	135	33	0
CONTIG-020146	113	13	21	34	0
CONTIG-020147	305	13	9	114	8
CONTIG-020148	145	51	75	176	0
CONTIG-020152	71	3	0	5	0
CONTIG-020153	477	19	8	532	0
CONTIG-020154	153	6	22	16	0
CONTIG-020155	241	28	94	57	0
CONTIG-020156	1246	21	102	458	5
CONTIG-020157	172	31	18	124	15
CONTIG-020158	465	14	37	139	0
CONTIG-020159	133	15	24	42	0
CONTIG-020160	193	22	9	226	0
CONTIG-020162	183	424	145	3383	0
CONTIG-020163	346	19	76	181	2
CONTIG-020164	128	16	83	10	0
CONTIG-020165	119	10	7	32	0
CONTIG-020166	130	6	50	4	0
CONTIG-020167	59	5	2	3	0
CONTIG-020168	166	278	150	1566	155
CONTIG-020169	1717	48	318	4464	0
CONTIG-020170	121	23	76	33	4
CONTIG-020172	201	12	91	17	0
CONTIG-020173	282	26	92	295	2
CONTIG-020174	227	14	75	94	0
CONTIG-020176	41	694	77	608	41
CONTIG-020177	291	10	2	111	0
CONTIG-020178	204	382	905	2786	6
CONTIG-020180	86	1772	125	233	4022
CONTIG-020181	132	9	33	8	0
CONTIG-020182	554	26	187	503	2
CONTIG-020183	276	23	102	62	2
CONTIG-020184	138	5	13	14	0
CONTIG-020185	396	8	13	114	0
CONTIG-020186	88	17	9	51	0
CONTIG-020187	194	36	27	357	0

CONTIG-020188	414	15	15	219	0
CONTIG-020189	288	20	76	147	0
CONTIG-020195	148	23	60	47	0
CONTIG-020201	226	10	22	40	2
CONTIG-020202	92	10	25	8	0
CONTIG-020204	167	8	19	27	0
CONTIG-020205	232	59	167	470	4
CONTIG-020216	214	8	17	53	0
CONTIG-020217	86	35	137	44	0
CONTIG-020218	69	3	2	0	0
CONTIG-020225	255	14	38	50	0
CONTIG-020226	239	6	55	36	0
CONTIG-020227	74	9	4	10	0
CONTIG-020236	120	5	34	0	0
CONTIG-020237	97	12	17	31	0
CONTIG-020238	72	822	177	1173	394
CONTIG-020239	185	9	27	58	0
CONTIG-020240	387	10	9	150	2
CONTIG-020241	79	5	12	9	0
CONTIG-020242	279	30	94	170	2
CONTIG-020243	99	631	24	3380	0
CONTIG-020244	71	5	3	11	0
CONTIG-020245	260	15	8	145	0
CONTIG-020246	98	7	7	7	0
CONTIG-020252	151	5	6	26	0
CONTIG-020253	549	27	456	493	2
CONTIG-020254	69	3	0	8	0
CONTIG-020255	343	11	16	121	0
CONTIG-020256	200	10	53	67	0
CONTIG-020257	407	40	33	163	25
CONTIG-020258	91	10	8	13	0
CONTIG-020259	47	59	31	16	0
CONTIG-020260	76	3	4	0	0
CONTIG-020261	164	11	10	40	2
CONTIG-020262	259	203	502	1909	97
CONTIG-020263	1229	31	75	2150	2
CONTIG-020264	86	9	2	44	0
CONTIG-020265	343	43	137	696	0
CONTIG-020266	185	267	261	241	0
CONTIG-020267	68	7	21	11	0
CONTIG-020268	47	119	5	226	0
CONTIG-020273	88	9	46	9	0
CONTIG-020274	246	25	110	135	14
CONTIG-020276	186	41	90	229	3
CONTIG-020277	840	12	45	323	6
CONTIG-020278	106	5	14	0	0
CONTIG-020279	282	35	46	322	4

CONTIG-020280	138	9	8	51	0
CONTIG-020281	79	217	165	416	66
CONTIG-020282	60	8	29	3	0
CONTIG-020283	137	13	82	18	0
CONTIG-020284	384	6	18	33	0
CONTIG-020285	386	20	5	234	5
CONTIG-020286	175	16	44	52	6
CONTIG-020287	97	104	121	238	15
CONTIG-020288	394	33	236	577	2
CONTIG-020289	354	78	232	987	35
CONTIG-020290	166	11	117	18	0
CONTIG-020291	276	8	12	41	0
CONTIG-020292	228	10	109	20	0
CONTIG-020293	225	20	39	117	2
CONTIG-020294	317	11	81	126	0
CONTIG-020295	536	25	23	432	175
CONTIG-020296	408	13	46	158	0
CONTIG-020297	195	72	48	451	17
CONTIG-020298	305	10	59	124	0
CONTIG-020299	87	14	38	28	0
CONTIG-020300	71	7	8	10	0
CONTIG-020301	577	17	48	193	0
CONTIG-020302	704	17	38	341	2
CONTIG-020303	483	36	164	489	6
CONTIG-020304	480	13	28	161	0
CONTIG-020306	39	60	8	63	0
CONTIG-020307	1098	21	97	680	13
CONTIG-020308	340	9	55	59	4
CONTIG-020309	468	13	94	240	0
CONTIG-020310	51	40	6	27	8
CONTIG-020312	153	12	6	44	0
CONTIG-020313	103	18	76	54	0
CONTIG-020314	103	7	16	10	0
CONTIG-020315	40	193	20	297	9
CONTIG-020316	462	23	50	407	7
CONTIG-020317	211	7	27	33	0
CONTIG-020318	390	12	4	142	4
CONTIG-020319	342	55	290	714	6
CONTIG-020320	873	15	100	623	2
CONTIG-020321	242	22	63	104	4
CONTIG-020322	306	6	14	42	0
CONTIG-020323	90	5	41	0	0
CONTIG-020324	189	14	50	55	0
CONTIG-020325	252	36	16	8	0
CONTIG-020327	206	33	95	344	0
CONTIG-020328	1029	45	352	549	0
CONTIG-020329	539	21	63	326	6

CONTIG-020332	77	6	6	12	0
CONTIG-020333	1123	29	170	1050	6
CONTIG-020337	397	19	151	99	8
CONTIG-020338	201	17	16	111	2
CONTIG-020339	586	22	4	542	0
CONTIG-020340	88	7	11	17	0
CONTIG-020342	290	10	22	28	2
CONTIG-020343	56	36	31	51	0
CONTIG-020344	223	49	20	496	8
CONTIG-020345	89	45	20	9	4
CONTIG-020346	62	2	7	0	0
CONTIG-020347	624	13	95	366	0
CONTIG-020348	195	8	11	55	0
CONTIG-020349	267	12	43	113	0
CONTIG-020350	106	6	5	12	0
CONTIG-020351	186	11	48	39	0
CONTIG-020352	144	9	16	19	0
CONTIG-020353	46	89	49	163	0
CONTIG-020354	145	5	12	2	0
CONTIG-020355	330	13	109	29	2
CONTIG-020357	659	27	198	382	2
CONTIG-020358	113	13	26	28	0
CONTIG-020359	88	6	3	4	0
CONTIG-020364	91	499	254	2483	0
CONTIG-020365	196	36	54	371	0
CONTIG-020366	68	7	0	19	0
CONTIG-020367	96	5	5	21	0
CONTIG-020368	146	9	3	51	2
CONTIG-020369	146	4	11	4	0
CONTIG-020370	83	5	17	2	0
CONTIG-020371	727	23	21	683	17
CONTIG-020375	67	19	9	24	0
CONTIG-020376	337	18	27	187	0
CONTIG-020377	330	11	26	83	0
CONTIG-020378	200	9	9	72	0
CONTIG-020379	410	16	41	252	0
CONTIG-020380	182	4	8	27	0
CONTIG-020381	761	22	96	363	2
CONTIG-020382	557	8	33	100	2
CONTIG-020383	169	9	12	57	0
CONTIG-020384	39	24	21	6	2
CONTIG-020385	74	3	0	8	0
CONTIG-020386	233	12	23	72	0
CONTIG-020387	712	20	86	271	15
CONTIG-020388	357	12	19	115	2
CONTIG-020389	317	17	76	86	4
CONTIG-020390	69	56	37	170	4

CONTIG-020391	100	47	135	138	2
CONTIG-020392	1131	43	398	2609	2
CONTIG-020393	59	76	22	22	0
CONTIG-020394	150	9	3	47	0
CONTIG-020395	60	6	30	0	0
CONTIG-020396	186	10	42	40	0
CONTIG-020397	78	9	2	11	2
CONTIG-020398	353	14	50	228	0
CONTIG-020399	124	16	26	22	0
CONTIG-020400	150	13	86	32	0
CONTIG-020401	111	16	24	63	0
CONTIG-020402	451	16	40	223	4
CONTIG-020403	142	7	0	10	0
CONTIG-020404	366	17	16	71	6
CONTIG-020405	44	238	64	87	2
CONTIG-020406	88	7	7	19	0
CONTIG-020407	59	163	403	244	0
CONTIG-020408	259	25	124	84	0
CONTIG-020409	485	18	128	234	0
CONTIG-020410	882	27	283	479	6
CONTIG-020411	182	6	6	21	0
CONTIG-020412	114	14	10	34	0
CONTIG-020413	165	10	11	74	0
CONTIG-020414	119	7	10	11	0
CONTIG-020415	495	31	59	45	0
CONTIG-020416	58	3	5	0	0
CONTIG-020417	188	21	49	116	2
CONTIG-020418	65	8	12	9	0
CONTIG-020419	58	24	11	23	0
CONTIG-020420	116	13	63	0	0
CONTIG-020421	601	19	166	353	2
CONTIG-020422	193	15	30	122	2
CONTIG-020423	510	72	242	926	141
CONTIG-020424	542	22	39	262	4
CONTIG-020425	358	7	29	91	0
CONTIG-020426	135	17	11	41	2
CONTIG-020427	84	8	2	25	0
CONTIG-020428	93	8	11	9	0
CONTIG-020432	350	8	50	62	2
CONTIG-020433	89	4	0	7	0
CONTIG-020434	93	23	4	44	2
CONTIG-020435	799	88	130	2830	0
CONTIG-020436	725	27	382	646	6
CONTIG-020437	157	14	64	5	0
CONTIG-020438	213	14	60	51	0
CONTIG-020439	74	11	2	26	3
CONTIG-020440	66	4	8	6	0

CONTIG-020442	55	67	50	34	0
CONTIG-020443	242	23	111	134	2
CONTIG-020453	173	10	18	35	0
CONTIG-020456	90	13	31	13	0
CONTIG-020457	241	12	31	84	0
CONTIG-020458	249	17	97	179	0
CONTIG-020459	172	12	144	0	0
CONTIG-020460	59	11	11	0	0
CONTIG-020461	586	18	12	461	0
CONTIG-020462	318	15	23	129	0
CONTIG-020463	204	16	91	62	2
CONTIG-020464	58	10	56	0	0
CONTIG-020465	75	19	107	11	0
CONTIG-020466	100	9	7	19	0
CONTIG-020467	1043	36	347	1622	0
CONTIG-020468	73	11	25	2	0
CONTIG-020469	113	4	4	4	0
CONTIG-020471	336	13	64	108	2
CONTIG-020472	89	4	12	4	0
CONTIG-020473	191	5	3	11	0
CONTIG-020474	137	11	6	49	0
CONTIG-020475	510	29	178	570	4
CONTIG-020476	1216	30	179	1342	4
CONTIG-020477	60	7	4	6	2
CONTIG-020478	103	13	13	24	0
CONTIG-020486	296	13	44	110	0
CONTIG-020490	122	7	9	16	0
CONTIG-020491	487	44	136	1026	0
CONTIG-020492	80	8	10	25	0
CONTIG-020493	1100	19	116	533	4
CONTIG-020494	182	24	32	162	0
CONTIG-020495	70	29	38	10	0
CONTIG-020496	181	15	39	80	0
CONTIG-020497	123	23	85	17	4
CONTIG-020498	120	5	9	13	0
CONTIG-020499	111	29	7	176	0
CONTIG-020500	177	116	258	1129	0
CONTIG-020501	93	5	2	10	0
CONTIG-020502	286	94	154	889	7
CONTIG-020504	565	39	168	494	19
CONTIG-020507	215	13	35	94	2
CONTIG-020508	161	6	8	27	0
CONTIG-020509	77	6	18	10	0
CONTIG-020511	821	26	283	579	6
CONTIG-020515	774	43	95	788	114
CONTIG-020516	127	14	7	58	2
CONTIG-020517	530	20	94	477	0

CONTIG-020518	59	8	4	9	0
CONTIG-020519	130	10	82	14	2
CONTIG-020520	133	12	27	55	0
CONTIG-020521	729	13	48	218	12
CONTIG-020522	108	13	78	10	0
CONTIG-020523	462	19	54	205	7
CONTIG-020524	160	11	51	50	0
CONTIG-020525	203	17	240	2	0
CONTIG-020527	71	9	8	24	0
CONTIG-020528	176	8	30	20	0
CONTIG-020529	68	16	44	0	0
CONTIG-020530	563	18	38	344	0
CONTIG-020531	63	7	22	6	0
CONTIG-020532	109	12	73	36	0
CONTIG-020533	511	19	154	322	0
CONTIG-020534	78	7	13	3	0
CONTIG-020535	376	30	10	422	37
CONTIG-020536	723	17	64	135	11
CONTIG-020537	489	11	29	124	2
CONTIG-020538	73	97	74	21	0
CONTIG-020539	186	14	7	72	3
CONTIG-020540	315	15	63	157	0
CONTIG-020546	64	11	4	21	2
CONTIG-020547	162	14	8	45	0
CONTIG-020548	81	17	63	26	0
CONTIG-020549	476	18	73	281	2
CONTIG-020551	197	13	77	24	0
CONTIG-020552	795	13	48	271	2
CONTIG-020553	324	10	110	41	0
CONTIG-020554	163	10	11	30	0
CONTIG-020555	97	59	29	319	0
CONTIG-020556	87	7	6	29	0
CONTIG-020557	299	7	9	68	0
CONTIG-020558	204	14	9	105	0
CONTIG-020559	85	20	10	54	0
CONTIG-020560	79	5	2	12	0
CONTIG-020561	236	13	39	98	2
CONTIG-020562	501	15	56	203	0
CONTIG-020563	561	8	41	123	0
CONTIG-020564	111	8	22	26	0
CONTIG-020565	442	9	13	114	4
CONTIG-020566	370	8	24	54	2
CONTIG-020567	79	6	4	6	0
CONTIG-020568	111	56	87	243	4
CONTIG-020569	107	15	17	38	0
CONTIG-020570	44	664	191	414	47
CONTIG-020574	57	114	8	226	2

CONTIG-020575	54	66	6	132	0
CONTIG-020576	53	359	32	674	0
CONTIG-020577	73	13	55	8	0
CONTIG-020580	243	11	56	89	0
CONTIG-020581	169	16	63	77	0
CONTIG-020582	1137	44	490	1741	52
CONTIG-020583	435	32	147	595	0
CONTIG-020585	585	20	34	388	0
CONTIG-020590	159	16	34	63	0
CONTIG-020591	330	8	19	81	2
CONTIG-020592	87	2	0	0	0
CONTIG-020594	179	9	24	26	0
CONTIG-020595	445	9	38	134	0
CONTIG-020596	132	19	2	0	0
CONTIG-020597	262	33	189	195	6
CONTIG-020600	181	7	30	17	0
CONTIG-020602	134	4	0	21	0
CONTIG-020604	177	10	117	28	0
CONTIG-020605	60	7	11	14	0
CONTIG-020612	153	17	5	70	0
CONTIG-020613	369	25	68	172	0
CONTIG-020614	108	6	9	5	0
CONTIG-020615	213	150	219	1536	0
CONTIG-020616	118	5	5	10	0
CONTIG-020617	250	8	35	40	2
CONTIG-020618	62	11	9	27	0
CONTIG-020619	515	22	28	491	4
CONTIG-020620	220	19	18	190	0
CONTIG-020621	138	11	19	13	0
CONTIG-020624	786	25	140	871	0
CONTIG-020626	117	23	26	92	0
CONTIG-020627	236	34	23	272	6
CONTIG-020628	93	10	11	12	2
CONTIG-020629	111	15	29	44	0
CONTIG-020630	665	25	32	553	0
CONTIG-020631	43	411	2	377	81
CONTIG-020632	659	54	55	1056	35
CONTIG-020633	77	16	43	23	0
CONTIG-020634	346	14	46	141	0
CONTIG-020635	60	4	2	9	0
CONTIG-020636	135	97	162	5	0
CONTIG-020637	183	10	24	43	0
CONTIG-020638	70	6	18	9	0
CONTIG-020639	89	34	7	149	0
CONTIG-020640	325	12	61	121	0
CONTIG-020641	414	42	142	286	2
CONTIG-020642	357	13	30	195	0

CONTIG-020643	455	30	126	359	19
CONTIG-020645	306	7	15	78	0
CONTIG-020646	137	15	81	21	0
CONTIG-020647	59	245	63	287	16
CONTIG-020648	108	30	197	13	0
CONTIG-020649	369	12	65	153	0
CONTIG-020650	190	15	14	94	0
CONTIG-020651	136	31	31	165	0
CONTIG-020656	172	17	48	83	0
CONTIG-020657	144	14	34	47	0
CONTIG-020659	223	10	27	99	0
CONTIG-020660	148	12	57	23	0
CONTIG-020661	122	6	10	16	0
CONTIG-020662	112	187	199	505	14
CONTIG-020663	625	16	35	236	9
CONTIG-020671	84	43	135	34	2
CONTIG-020673	93	4	3	2	0
CONTIG-020674	67	5	6	6	0
CONTIG-020675	820	17	203	318	6
CONTIG-020678	242	22	85	93	0
CONTIG-020680	408	22	67	514	0
CONTIG-020684	174	7	0	17	0
CONTIG-020685	264	8	8	72	0
CONTIG-020686	93	7	7	19	0
CONTIG-020687	203	10	51	23	0
CONTIG-020688	314	18	17	0	5
CONTIG-020689	154	5	2	28	0
CONTIG-020690	167	12	4	51	0
CONTIG-020691	98	5	3	2	0
CONTIG-020692	874	28	369	866	2
CONTIG-020693	176	12	15	60	0
CONTIG-020694	145	5	7	19	0
CONTIG-020696	112	71	38	307	2
CONTIG-020697	216	11	106	10	0
CONTIG-020698	87	20	24	21	0
CONTIG-020699	84	3	5	6	0
CONTIG-020700	143	20	0	94	5
CONTIG-020701	43	28	9	6	2
CONTIG-020703	1524	18	48	1162	2
CONTIG-020705	234	8	13	30	0
CONTIG-020707	573	14	81	313	0
CONTIG-020708	354	34	5	9	0
CONTIG-020711	473	14	81	126	2
CONTIG-020712	221	15	51	95	0
CONTIG-020714	644	21	307	257	0
CONTIG-020716	122	5	7	15	0
CONTIG-020717	229	7	15	52	0

CONTIG-020718	142	14	10	55	0
CONTIG-020719	91	8	14	18	0
CONTIG-020722	280	52	129	481	8
CONTIG-020723	511	6	9	91	0
CONTIG-020724	175	28	99	36	5
CONTIG-020725	239	10	17	9	0
CONTIG-020726	322	33	68	143	28
CONTIG-020727	359	23	77	199	5
CONTIG-020728	73	7	2	4	0
CONTIG-020729	162	19	256	26	0
CONTIG-020730	97	116	196	502	0
CONTIG-020731	76	71	93	35	7
CONTIG-020732	77	6	6	4	0
CONTIG-020733	741	31	75	457	8
CONTIG-020734	1132	25	75	1420	0
CONTIG-020735	129	7	18	21	0
CONTIG-020736	435	14	65	181	0
CONTIG-020737	76	16	0	30	0
CONTIG-020738	73	7	4	15	0
CONTIG-020739	107	5	9	17	0
CONTIG-020742	194	20	153	122	0
CONTIG-020743	1064	14	160	515	2
CONTIG-020745	543	13	81	107	2
CONTIG-020747	109	14	6	51	0
CONTIG-020748	59	5	4	4	0
CONTIG-020749	347	11	27	72	0
CONTIG-020750	123	46	351	74	0
CONTIG-020751	308	26	53	134	5
CONTIG-020753	150	6	10	11	0
CONTIG-020754	500	9	22	146	0
CONTIG-020755	269	28	52	271	0
CONTIG-020756	62	3	2	6	0
CONTIG-020757	562	10	128	123	0
CONTIG-020758	60	6	16	8	0
CONTIG-020759	211	7	14	43	2
CONTIG-020760	153	6	3	26	0
CONTIG-020762	43	155	57	155	6
CONTIG-020763	431	21	30	215	6
CONTIG-020764	132	7	18	34	0
CONTIG-020765	139	5	0	29	0
CONTIG-020766	77	17	14	48	0
CONTIG-020768	66	166	148	338	0
CONTIG-020769	257	10	32	42	0
CONTIG-020770	227	6	9	42	0
CONTIG-020771	105	220	131	888	3
CONTIG-020772	244	8	26	0	8
CONTIG-020773	710	15	71	298	5

CONTIG-020774	71	60	87	64	0
CONTIG-020775	201	16	57	66	0
CONTIG-020776	47	884	50	1024	88
CONTIG-020777	325	7	46	66	0
CONTIG-020778	296	9	45	89	0
CONTIG-020779	291	37	262	440	0
CONTIG-020780	99	7	20	21	0
CONTIG-020781	119	7	11	23	0
CONTIG-020782	65	10	8	26	0
CONTIG-020783	446	16	47	169	2
CONTIG-020784	67	4	8	0	0
CONTIG-020785	450	31	250	189	2
CONTIG-020786	290	10	29	34	0
CONTIG-020787	107	61	88	136	0
CONTIG-020788	231	14	34	94	0
CONTIG-020789	885	17	292	342	6
CONTIG-020790	150	6	20	21	0
CONTIG-020792	131	8	61	0	0
CONTIG-020793	97	6	19	11	0
CONTIG-020794	68	32	30	71	0
CONTIG-020795	120	8	7	43	0
CONTIG-020796	188	18	4	119	0
CONTIG-020798	280	6	7	51	2
CONTIG-020799	205	10	8	70	2
CONTIG-020800	464	11	43	137	0
CONTIG-020801	363	7	18	67	0
CONTIG-020802	222	9	11	42	2
CONTIG-020803	147	5	17	3	0
CONTIG-020804	276	12	43	83	0
CONTIG-020805	269	10	24	52	0
CONTIG-020806	99	16	16	61	2
CONTIG-020807	661	15	28	403	0
CONTIG-020808	283	5	11	39	0
CONTIG-020809	117	9	30	34	0
CONTIG-020810	169	5	12	18	0
CONTIG-020811	218	9	34	21	2
CONTIG-020812	181	60	82	308	21
CONTIG-020813	76	2	0	2	0
CONTIG-020814	775	10	4	9	0
CONTIG-020815	1038	18	54	730	12
CONTIG-020816	92	12	0	0	0
CONTIG-020817	89	2	10	0	0
CONTIG-020823	737	21	98	371	13
CONTIG-020825	208	5	4	19	0
CONTIG-020826	167	15	52	61	0
CONTIG-020827	423	16	103	212	2
CONTIG-020828	127	8	12	37	0

CONTIG-020829	331	23	136	199	0
CONTIG-020830	211	5	2	28	0
CONTIG-020831	343	40	109	379	4
CONTIG-020832	223	5	0	17	0
CONTIG-020833	407	21	51	106	0
CONTIG-020834	368	35	0	0	0
CONTIG-020835	129	7	5	28	0
CONTIG-020836	58	86	35	180	0
CONTIG-020837	361	9	18	70	0
CONTIG-020838	61	6	2	9	0
CONTIG-020839	79	8	6	24	0
CONTIG-020840	1196	56	236	410	0
CONTIG-020844	266	56	0	156	2
CONTIG-020845	237	24	55	134	2
CONTIG-020846	132	10	8	48	0
CONTIG-020847	132	39	13	90	10
CONTIG-020848	43	58	11	28	0
CONTIG-020849	256	6	34	22	0
CONTIG-020850	391	10	13	113	0
CONTIG-020851	80	4	3	6	0
CONTIG-020852	617	11	38	267	0
CONTIG-020853	111	12	120	0	0
CONTIG-020854	71	119	151	152	123
CONTIG-020855	313	13	146	97	0
CONTIG-020856	292	30	25	111	0
CONTIG-020857	455	12	34	240	0
CONTIG-020858	81	9	9	25	0
CONTIG-020859	201	8	6	51	0
CONTIG-020860	504	37	166	359	6
CONTIG-020861	739	21	53	429	21
CONTIG-020862	514	12	21	112	0
CONTIG-020863	117	22	186	0	9
CONTIG-020864	206	8	34	43	0
CONTIG-020865	263	14	32	88	0
CONTIG-020866	70	29	21	0	0
CONTIG-020867	339	87	20	5	0
CONTIG-020868	121	32	5	103	0
CONTIG-020869	209	7	31	21	0
CONTIG-020870	202	6	6	21	0
CONTIG-020871	65	235	40	638	0
CONTIG-020872	82	48	324	0	0
CONTIG-020873	52	448	86	488	36
CONTIG-020874	404	42	12	0	197
CONTIG-020877	521	17	98	370	2
CONTIG-020878	72	273	229	391	38
CONTIG-020879	257	13	59	111	0
CONTIG-020880	77	42	324	0	0

CONTIG-020881	148	5	7	11	0
CONTIG-020882	89	6	2	13	0
CONTIG-020883	87	26	43	28	0
CONTIG-020884	121	10	0	39	0
CONTIG-020885	216	10	18	68	0
CONTIG-020886	120	8	7	24	3
CONTIG-020887	205	13	17	50	2
CONTIG-020888	622	19	58	372	0
CONTIG-020889	79	9	12	2	0
CONTIG-020890	200	6	8	38	0
CONTIG-020891	207	12	109	50	0
CONTIG-020892	407	22	55	243	6
CONTIG-020893	126	18	31	37	0
CONTIG-020894	84	11	3	32	0
CONTIG-020895	69	7	5	2	0
CONTIG-020898	468	13	18	77	0
CONTIG-020899	63	4	18	2	0
CONTIG-020903	166	9	11	38	0
CONTIG-020904	414	56	170	303	25
CONTIG-020905	834	9	103	156	2
CONTIG-020906	396	17	16	238	2
CONTIG-020907	206	13	30	99	2
CONTIG-020908	180	6	18	8	0
CONTIG-020909	65	5	4	3	0
CONTIG-020910	1138	23	250	958	0
CONTIG-020911	89	11	28	0	0
CONTIG-020912	656	18	172	282	0
CONTIG-020913	312	7	10	47	0
CONTIG-020916	434	30	12	14	0
CONTIG-020917	276	11	15	139	0
CONTIG-020918	325	13	85	84	2
CONTIG-020919	411	15	140	131	0
CONTIG-020920	323	11	17	117	0
CONTIG-020921	407	9	35	95	0
CONTIG-020922	379	21	147	183	2
CONTIG-020923	78	11	53	0	0
CONTIG-020924	248	25	26	133	17
CONTIG-020925	69	20	132	2	0
CONTIG-020926	96	6	0	33	0
CONTIG-020928	59	13	43	0	0
CONTIG-020929	109	12	2	31	0
CONTIG-020930	44	4	4	3	0
CONTIG-020931	118	29	10	80	0
CONTIG-020932	122	15	32	41	0
CONTIG-020933	91	4	11	3	0
CONTIG-020934	208	14	34	87	0
CONTIG-020935	283	15	67	175	0

CONTIG-020936	93	16	80	19	0
CONTIG-020937	146	35	85	122	2
CONTIG-020938	98	16	78	8	0
CONTIG-020946	78	6	21	5	0
CONTIG-020947	88	12	88	0	0
CONTIG-020948	375	35	50	383	7
CONTIG-020949	999	15	78	712	0
CONTIG-020950	259	13	122	60	2
CONTIG-020951	459	14	116	247	0
CONTIG-020952	377	19	18	217	9
CONTIG-020953	297	19	16	322	0
CONTIG-020954	373	18	69	187	0
CONTIG-020955	271	17	30	127	3
CONTIG-020956	123	13	17	40	2
CONTIG-020957	403	26	79	420	0
CONTIG-020958	202	25	17	48	0
CONTIG-020959	412	18	134	201	4
CONTIG-020960	75	9	0	17	0
CONTIG-020961	65	5	4	9	0
CONTIG-020962	117	5	3	15	0
CONTIG-020963	80	18	29	29	0
CONTIG-020964	167	13	2	104	0
CONTIG-020965	155	11	28	46	0
CONTIG-020966	86	9	58	13	0
CONTIG-020967	159	9	5	32	2
CONTIG-020973	281	19	26	157	0
CONTIG-020974	134	10	51	10	0
CONTIG-020976	65	92	298	2	0
CONTIG-020977	511	14	89	139	3
CONTIG-020978	128	19	13	30	0
CONTIG-020979	67	12	12	22	0
CONTIG-020980	93	7	2	8	0
CONTIG-020986	1047	26	228	750	55
CONTIG-020987	58	10	37	2	0
CONTIG-020988	223	7	11	69	0
CONTIG-020989	942	37	516	980	14
CONTIG-020990	139	5	0	12	0
CONTIG-020991	925	13	77	353	5
CONTIG-020992	1151	31	249	1689	2
CONTIG-020993	196	36	18	302	6
CONTIG-020994	877	16	78	496	4
CONTIG-020995	95	17	29	31	0
CONTIG-020996	66	10	43	0	0
CONTIG-020997	576	8	20	149	4
CONTIG-020998	183	30	53	264	0
CONTIG-020999	521	15	62	159	6
CONTIG-021000	321	18	57	41	0

CONTIG-021001	184	6	51	11	0
CONTIG-021003	328	54	55	939	4
CONTIG-021005	141	18	136	14	0
CONTIG-021006	85	6	9	4	0
CONTIG-021007	67	3	2	2	0
CONTIG-021009	287	16	48	169	2
CONTIG-021010	71	12	12	18	0
CONTIG-021012	236	26	102	53	0
CONTIG-021013	140	42	54	267	0
CONTIG-021014	399	12	11	123	2
CONTIG-021015	211	9	51	33	0
CONTIG-021016	280	25	241	262	0
CONTIG-021017	166	4	4	14	0
CONTIG-021018	165	13	151	33	0
CONTIG-021019	331	10	33	97	2
CONTIG-021020	58	6	24	0	0
CONTIG-021021	162	51	126	327	2
CONTIG-021022	117	8	11	26	0
CONTIG-021023	131	11	52	41	0
CONTIG-021032	540	85	100	2421	9
CONTIG-021033	283	8	7	63	0
CONTIG-021034	82	11	45	15	0
CONTIG-021036	107	148	72	392	17
CONTIG-021037	690	14	122	295	4
CONTIG-021038	170	11	8	32	0
CONTIG-021039	512	10	7	0	11
CONTIG-021040	123	16	14	34	4
CONTIG-021042	501	8	4	16	0
CONTIG-021043	163	24	30	115	0
CONTIG-021044	209	12	43	66	0
CONTIG-021045	318	15	79	98	2
CONTIG-021046	126	11	10	46	0
CONTIG-021047	134	16	60	23	0
CONTIG-021048	202	12	11	101	0
CONTIG-021049	169	10	2	64	0
CONTIG-021050	48	137	120	238	0
CONTIG-021051	355	40	238	314	13
CONTIG-021052	69	57	58	97	0
CONTIG-021061	314	13	43	139	0
CONTIG-021062	345	16	3	14	0
CONTIG-021063	186	14	6	33	2
CONTIG-021064	149	6	3	31	0
CONTIG-021065	631	42	302	1506	0
CONTIG-021066	87	23	27	62	0
CONTIG-021067	624	11	15	260	2
CONTIG-021068	321	8	28	102	0
CONTIG-021069	86	5	4	16	0

CONTIG-021070	138	9	63	7	0
CONTIG-021071	169	31	233	77	0
CONTIG-021072	187	6	37	10	0
CONTIG-021074	325	19	24	189	0
CONTIG-021075	419	11	47	72	0
CONTIG-021076	531	13	84	232	0
CONTIG-021077	136	8	4	39	0
CONTIG-021078	129	14	42	25	0
CONTIG-021079	70	17	17	6	0
CONTIG-021080	242	13	13	83	0
CONTIG-021081	918	24	222	590	8
CONTIG-021082	384	53	233	295	38
CONTIG-021083	233	11	52	83	0
CONTIG-021084	508	15	112	235	4
CONTIG-021085	220	34	169	185	2
CONTIG-021086	424	11	11	106	4
CONTIG-021087	108	39	7	178	0
CONTIG-021091	100	22	79	61	0
CONTIG-021092	226	13	36	67	0
CONTIG-021094	74	6	26	0	0
CONTIG-021095	78	4	12	0	0
CONTIG-021096	966	113	88	5850	0
CONTIG-021097	246	6	3	0	8
CONTIG-021098	326	13	44	102	0
CONTIG-021099	351	9	31	96	0
CONTIG-021100	199	12	78	64	2
CONTIG-021101	134	12	7	37	0
CONTIG-021102	273	11	21	139	0
CONTIG-021103	360	11	85	161	0
CONTIG-021104	129	11	9	58	0
CONTIG-021105	126	21	38	74	0
CONTIG-021106	88	4	4	0	0
CONTIG-021107	467	45	175	703	0
CONTIG-021108	118	10	12	38	0
CONTIG-021109	298	11	34	46	4
CONTIG-021110	76	7	0	18	0
CONTIG-021111	78	12	15	22	0
CONTIG-021112	108	36	113	25	0
CONTIG-021113	186	4	10	16	0
CONTIG-021114	257	7	7	82	0
CONTIG-021115	121	4	2	5	0
CONTIG-021116	90	10	12	28	0
CONTIG-021117	191	19	85	67	6
CONTIG-021118	222	44	53	108	2
CONTIG-021119	352	10	2	81	0
CONTIG-021120	171	18	31	85	2
CONTIG-021121	336	18	68	172	0

CONTIG-021122	210	6	14	20	0
CONTIG-021123	126	9	0	39	0
CONTIG-021124	66	2	0	0	0
CONTIG-021125	183	12	19	9	0
CONTIG-021126	170	8	33	39	0
CONTIG-021127	305	28	76	460	0
CONTIG-021130	439	11	38	149	0
CONTIG-021131	285	203	136	1158	83
CONTIG-021132	98	13	10	25	0
CONTIG-021133	174	15	184	16	0
CONTIG-021134	160	17	17	86	0
CONTIG-021145	127	6	23	5	0
CONTIG-021146	175	16	4	112	0
CONTIG-021147	214	13	13	45	0
CONTIG-021148	270	106	57	1740	0
CONTIG-021149	301	18	10	129	14
CONTIG-021150	526	29	266	522	2
CONTIG-021151	63	36	192	0	0
CONTIG-021152	332	9	16	114	0
CONTIG-021160	115	23	139	33	0
CONTIG-021161	102	54	164	185	0
CONTIG-021162	94	9	2	29	0
CONTIG-021163	139	26	50	99	3
CONTIG-021164	79	433	297	1145	89
CONTIG-021165	256	23	192	42	0
CONTIG-021166	584	19	169	429	0
CONTIG-021167	105	9	12	31	0
CONTIG-021168	1450	53	253	2258	99
CONTIG-021169	103	10	47	12	0
CONTIG-021170	538	20	33	273	0
CONTIG-021172	167	30	21	283	0
CONTIG-021173	154	71	97	217	24
CONTIG-021174	123	4	2	3	0
CONTIG-021175	62	4	0	3	0
CONTIG-021178	198	14	11	46	0
CONTIG-021179	64	4	0	9	0
CONTIG-021181	206	6	3	23	0
CONTIG-021182	74	3	4	0	0
CONTIG-021183	497	22	75	410	0
CONTIG-021185	69	5	6	6	0
CONTIG-021186	369	8	24	82	0
CONTIG-021187	308	100	44	1546	12
CONTIG-021188	198	14	2	78	2
CONTIG-021189	490	14	96	268	0
CONTIG-021190	58	61	23	21	0
CONTIG-021192	102	575	61	0	0
CONTIG-021197	303	29	83	356	2

CONTIG-021198	103	8	0	16	0
CONTIG-021199	66	5	2	13	0
CONTIG-021200	193	7	5	21	0
CONTIG-021201	145	8	15	32	0
CONTIG-021202	134	83	79	508	0
CONTIG-021203	700	24	73	589	25
CONTIG-021204	59	7	30	6	0
CONTIG-021205	120	12	2	33	0
CONTIG-021206	201	11	24	61	0
CONTIG-021207	310	9	48	52	0
CONTIG-021215	121	11	8	39	0
CONTIG-021216	230	10	10	71	0
CONTIG-021217	280	16	77	92	0
CONTIG-021218	663	38	146	470	96
CONTIG-021219	73	5	16	3	0
CONTIG-021222	41	572	19	60	0
CONTIG-021223	215	21	25	183	0
CONTIG-021224	61	7	20	0	0
CONTIG-021225	99	6	16	15	0
CONTIG-021226	256	9	34	63	0
CONTIG-021227	68	2885	43	0	3510
CONTIG-021228	161	15	3	107	0
CONTIG-021229	140	10	5	68	0
CONTIG-021230	130	26	21	146	0
CONTIG-021231	97	41	139	145	0
CONTIG-021233	79	3	5	4	0
CONTIG-021234	597	11	87	141	2
CONTIG-021235	103	4	8	9	0
CONTIG-021236	119	26	40	110	0
CONTIG-021237	487	12	22	190	0
CONTIG-021238	330	70	72	1288	0
CONTIG-021239	113	56	85	137	9
CONTIG-021240	196	9	15	51	0
CONTIG-021241	191	5	4	0	2
CONTIG-021242	91	7	3	13	0
CONTIG-021243	510	45	503	260	4
CONTIG-021244	78	8	5	11	0
CONTIG-021245	1055	26	74	1111	0
CONTIG-021246	524	25	13	565	6
CONTIG-021247	232	32	21	310	0
CONTIG-021248	631	21	321	193	2
CONTIG-021249	351	23	183	182	4
CONTIG-021250	378	9	23	91	0
CONTIG-021251	69	3	3	0	0
CONTIG-021252	77	4	8	3	0
CONTIG-021253	298	18	11	219	2
CONTIG-021254	220	9	20	39	2

CONTIG-021255	229	10	39	36	0
CONTIG-021256	258	12	13	85	0
CONTIG-021257	131	4	27	3	0
CONTIG-021258	155	14	7	12	0
CONTIG-021259	188	16	30	110	2
CONTIG-021269	326	78	184	671	352
CONTIG-021270	392	45	2	0	160
CONTIG-021271	155	4	19	7	0
CONTIG-021272	106	13	4	23	0
CONTIG-021273	139	17	27	86	0
CONTIG-021274	350	83	481	990	31
CONTIG-021275	77	6	0	12	0
CONTIG-021277	270	7	22	73	0
CONTIG-021278	145	9	0	27	0
CONTIG-021279	1062	48	182	3114	5
CONTIG-021280	705	23	9	885	2
CONTIG-021281	116	23	13	101	2
CONTIG-021282	251	10	7	72	0
CONTIG-021283	103	6	7	21	0
CONTIG-021284	550	11	84	252	0
CONTIG-021285	179	7	2	42	0
CONTIG-021286	126	8	53	24	0
CONTIG-021287	89	8	25	19	0
CONTIG-021289	86	16	38	27	0
CONTIG-021290	117	52	10	118	16
CONTIG-021291	611	12	70	167	2
CONTIG-021292	389	17	44	315	0
CONTIG-021294	180	7	6	36	0
CONTIG-021295	99	8	8	29	0
CONTIG-021296	242	12	10	103	0
CONTIG-021297	213	15	104	93	0
CONTIG-021299	117	4	2	19	0
CONTIG-021300	101	5	29	5	0
CONTIG-021301	183	7	2	20	4
CONTIG-021302	374	36	79	688	0
CONTIG-021303	195	14	201	39	0
CONTIG-021304	365	28	110	391	0
CONTIG-021305	162	12	15	49	2
CONTIG-021306	108	7	13	23	0
CONTIG-021307	112	7	7	19	0
CONTIG-021309	856	39	67	599	16
CONTIG-021315	78	18	33	10	0
CONTIG-021316	297	12	177	94	0
CONTIG-021317	216	5	4	25	0
CONTIG-021318	244	15	46	128	0
CONTIG-021319	109	6	11	9	0
CONTIG-021321	181	17	37	121	0

CONTIG-021322	1316	19	24	1149	2
CONTIG-021323	109	15	45	43	0
CONTIG-021324	263	31	40	190	2
CONTIG-021325	188	5	9	28	0
CONTIG-021327	112	14	26	56	0
CONTIG-021328	73	7	6	15	0
CONTIG-021329	237	18	19	177	4
CONTIG-021330	253	14	20	58	0
CONTIG-021331	82	4	11	0	0
CONTIG-021332	72	6	8	8	2
CONTIG-021333	254	17	14	210	0
CONTIG-021334	86	233	100	321	0
CONTIG-021337	687	20	246	572	0
CONTIG-021338	435	18	50	157	9
CONTIG-021339	112	19	61	51	0
CONTIG-021340	272	13	51	123	0
CONTIG-021341	62	3	2	2	0
CONTIG-021342	901	72	63	21	0
CONTIG-021343	111	7	12	22	0
CONTIG-021344	99	46	0	119	0
CONTIG-021345	454	9	70	90	5
CONTIG-021346	150	20	3	0	0
CONTIG-021347	156	6	5	21	0
CONTIG-021353	65	8	7	16	0
CONTIG-021354	147	11	8	72	0
CONTIG-021355	534	14	32	155	6
CONTIG-021358	111	12	26	14	0
CONTIG-021359	307	48	63	931	2
CONTIG-021360	176	8	39	20	0
CONTIG-021361	112	2	0	5	0
CONTIG-021362	180	9	25	46	0
CONTIG-021363	529	12	33	125	18
CONTIG-021364	468	19	65	301	2
CONTIG-021365	315	13	156	106	0
CONTIG-021366	92	35	0	0	2
CONTIG-021367	85	6	11	2	0
CONTIG-021376	80	38	148	5	0
CONTIG-021377	210	13	71	54	0
CONTIG-021378	103	8	21	17	0
CONTIG-021379	385	27	62	259	10
CONTIG-021380	80	42	93	0	2
CONTIG-021381	386	12	5	177	2
CONTIG-021382	311	14	6	145	0
CONTIG-021383	128	4	7	12	0
CONTIG-021384	323	10	3	7	0
CONTIG-021385	252	4	14	7	0
CONTIG-021386	72	7	10	6	0

CONTIG-021388	85	8	23	8	0
CONTIG-021389	64	6	23	7	0
CONTIG-021390	286	9	15	64	2
CONTIG-021391	69	17	6	39	0
CONTIG-021392	399	17	74	112	9
CONTIG-021393	476	10	14	159	2
CONTIG-021394	241	12	38	53	0
CONTIG-021395	79	3	4	0	0
CONTIG-021396	161	7	12	28	0
CONTIG-021397	123	10	22	13	0
CONTIG-021398	285	14	33	110	3
CONTIG-021399	129	8	4	24	4
CONTIG-021400	94	8	51	0	0
CONTIG-021401	171	7	22	35	0
CONTIG-021402	217	6	0	0	9
CONTIG-021403	649	13	13	310	2
CONTIG-021404	420	9	15	143	0
CONTIG-021406	169	3	8	16	0
CONTIG-021407	172	14	31	95	0
CONTIG-021419	77	8	10	19	0
CONTIG-021420	209	17	115	77	0
CONTIG-021421	136	21	51	108	0
CONTIG-021424	705	14	95	226	2
CONTIG-021425	163	5	14	4	0
CONTIG-021426	63	9	0	6	0
CONTIG-021427	257	9	120	41	0
CONTIG-021428	127	9	32	28	0
CONTIG-021429	90	5	0	20	0
CONTIG-021430	83	16	30	46	0
CONTIG-021431	93	8	63	0	0
CONTIG-021432	148	9	25	22	0
CONTIG-021433	309	41	19	523	4
CONTIG-021434	254	12	41	48	0
CONTIG-021435	150	3	2	12	0
CONTIG-021436	530	27	92	454	6
CONTIG-021437	468	20	108	336	35
CONTIG-021442	151	11	37	17	0
CONTIG-021443	271	18	44	187	7
CONTIG-021444	160	218	168	1285	137
CONTIG-021446	847	32	173	561	87
CONTIG-021447	130	10	2	43	0
CONTIG-021448	84	19	62	37	0
CONTIG-021449	1079	20	91	1006	6
CONTIG-021450	138	4	0	14	0
CONTIG-021451	182	12	55	52	0
CONTIG-021452	167	9	14	51	0
CONTIG-021453	78	4	2	4	0

CONTIG-021454	86	277	148	624	45
CONTIG-021455	508	35	72	447	41
CONTIG-021458	408	19	99	281	0
CONTIG-021459	257	30	47	112	3
CONTIG-021460	59	6	17	7	0
CONTIG-021461	161	16	35	115	0
CONTIG-021465	108	12	2	2	0
CONTIG-021466	45	32	10	10	0
CONTIG-021467	1083	14	52	240	0
CONTIG-021468	75	6	6	5	0
CONTIG-021471	149	9	28	31	0
CONTIG-021472	638	13	76	270	2
CONTIG-021480	81	13	25	0	0
CONTIG-021481	78	8	30	5	0
CONTIG-021482	64	11	24	14	0
CONTIG-021483	79	11	8	8	0
CONTIG-021484	80	6	10	0	0
CONTIG-021488	237	8	40	38	2
CONTIG-021489	121	11	9	43	0
CONTIG-021490	72	53	277	0	0
CONTIG-021491	136	6	0	27	0
CONTIG-021492	268	55	205	224	4
CONTIG-021493	422	25	52	477	0
CONTIG-021494	128	9	11	22	0
CONTIG-021495	505	21	15	242	14
CONTIG-021496	587	43	289	1126	2
CONTIG-021500	182	8	4	33	0
CONTIG-021501	74	5	4	11	0
CONTIG-021502	272	9	16	52	2
CONTIG-021503	147	9	86	2	0
CONTIG-021506	376	11	14	158	0
CONTIG-021507	449	11	67	159	2
CONTIG-021508	62	4	8	2	0
CONTIG-021509	69	3	4	0	0
CONTIG-021510	187	8	31	49	0
CONTIG-021511	138	14	3	44	0
CONTIG-021512	68	8	18	9	0
CONTIG-021513	231	14	26	50	0
CONTIG-021514	535	8	72	70	0
CONTIG-021515	332	11	13	105	5
CONTIG-021516	762	14	99	485	0
CONTIG-021517	141	16	14	53	0
CONTIG-021519	212	5	23	23	0
CONTIG-021520	494	12	145	140	5
CONTIG-021521	321	9	70	90	6
CONTIG-021522	86	254	24	1067	2
CONTIG-021523	145	17	45	70	0

CONTIG-021524	88	4	7	8	0
CONTIG-021525	74	10	21	7	0
CONTIG-021526	151	10	23	31	0
CONTIG-021527	394	43	128	492	24
CONTIG-021528	165	20	77	83	0
CONTIG-021529	170	5	4	28	0
CONTIG-021530	86	6	2	7	0
CONTIG-021531	876	33	107	1060	39
CONTIG-021535	82	8	31	0	0
CONTIG-021536	87	10	3	24	0
CONTIG-021537	93	7	46	5	0
CONTIG-021538	274	10	22	103	2
CONTIG-021539	86	8	5	21	0
CONTIG-021540	231	9	17	65	4
CONTIG-021541	749	13	56	327	0
CONTIG-021542	243	7	18	63	0
CONTIG-021543	189	73	169	370	8
CONTIG-021544	598	14	62	288	0
CONTIG-021545	196	5	30	10	0
CONTIG-021546	176	9	2	30	2
CONTIG-021547	268	7	4	65	0
CONTIG-021548	326	35	204	503	0
CONTIG-021549	116	9	37	11	2
CONTIG-021550	297	14	11	168	0
CONTIG-021551	140	6	27	12	0
CONTIG-021552	241	12	85	73	0
CONTIG-021553	113	13	8	69	0
CONTIG-021554	230	8	10	53	0
CONTIG-021555	456	10	38	126	2
CONTIG-021556	41	528	18	118	0
CONTIG-021557	83	24	12	54	0
CONTIG-021558	96	5	5	15	0
CONTIG-021560	389	202	9	8	0
CONTIG-021561	226	107	153	602	75
CONTIG-021562	88	6	27	6	0
CONTIG-021563	124	14	25	48	0
CONTIG-021564	170	10	35	44	2
CONTIG-021565	79	19	26	23	0
CONTIG-021566	985	25	317	610	3
CONTIG-021567	1456	30	117	2285	0
CONTIG-021569	1208	18	93	457	0
CONTIG-021570	200	7	6	31	0
CONTIG-021571	206	34	169	91	0
CONTIG-021572	304	8	22	66	0
CONTIG-021573	594	32	136	674	0
CONTIG-021574	256	19	16	120	4
CONTIG-021575	59	11	19	0	0

CONTIG-021576	756	14	73	240	16
CONTIG-021577	134	10	53	6	0
CONTIG-021578	123	19	28	91	0
CONTIG-021579	611	15	137	369	0
CONTIG-021580	596	16	77	299	2
CONTIG-021581	80	33	0	77	4
CONTIG-021585	380	50	73	799	6
CONTIG-021586	353	154	95	2067	66
CONTIG-021587	65	8	15	8	0
CONTIG-021588	99	11	12	33	0
CONTIG-021589	106	77	24	486	0
CONTIG-021590	79	22	39	41	0
CONTIG-021591	91	6	3	20	0
CONTIG-021592	137	11	23	48	0
CONTIG-021593	54	7	9	10	0
CONTIG-021594	435	28	366	228	37
CONTIG-021595	145	12	30	57	0
CONTIG-021596	815	13	161	455	0
CONTIG-021597	156	7	38	12	0
CONTIG-021598	86	698	500	1186	100
CONTIG-021599	375	36	49	778	0
CONTIG-021600	58	5	18	0	0
CONTIG-021601	119	12	12	64	2
CONTIG-021602	523	16	72	242	2
CONTIG-021603	258	12	21	46	0
CONTIG-021604	84	7	0	21	0
CONTIG-021605	292	15	44	53	0
CONTIG-021606	178	11	25	75	0
CONTIG-021608	248	13	20	83	2
CONTIG-021609	249	14	24	40	0
CONTIG-021610	306	9	12	68	0
CONTIG-021611	298	6	21	15	0
CONTIG-021612	406	11	111	104	2
CONTIG-021620	683	15	148	258	2
CONTIG-021621	170	9	0	0	4
CONTIG-021623	304	10	9	125	2
CONTIG-021624	133	34	120	2	0
CONTIG-021625	68	5	2	5	2
CONTIG-021626	926	90	260	4953	0
CONTIG-021627	523	21	40	429	2
CONTIG-021628	872	28	101	992	0
CONTIG-021629	89	434	5	0	869
CONTIG-021630	59	15	0	21	0
CONTIG-021631	183	7	5	26	0
CONTIG-021638	327	55	160	543	4
CONTIG-021639	180	7	0	45	0
CONTIG-021640	287	20	89	157	0

CONTIG-021641	95	10	49	12	0
CONTIG-021644	217	12	13	103	6
CONTIG-021645	1423	28	126	1254	14
CONTIG-021646	77	74	72	192	3
CONTIG-021647	210	13	36	122	0
CONTIG-021648	125	5	8	9	0
CONTIG-021649	110	6	16	9	0
CONTIG-021650	118	8	5	18	0
CONTIG-021651	262	6	6	18	0
CONTIG-021652	66	7	12	0	0
CONTIG-021656	120	5	2	16	0
CONTIG-021657	300	12	12	107	0
CONTIG-021658	66	33	17	14	0
CONTIG-021659	206	10	9	61	0
CONTIG-021661	339	21	99	352	0
CONTIG-021662	634	27	88	505	12
CONTIG-021663	106	15	34	45	0
CONTIG-021664	64	57	25	64	0
CONTIG-021665	274	20	24	178	2
CONTIG-021666	1277	20	277	608	4
CONTIG-021667	95	5	6	10	0
CONTIG-021668	273	18	37	191	2
CONTIG-021669	375	12	28	160	2
CONTIG-021670	277	6	8	12	4
CONTIG-021671	299	14	15	181	0
CONTIG-021674	217	12	11	120	0
CONTIG-021675	116	30	32	89	6
CONTIG-021676	77	17	136	0	0
CONTIG-021677	341	16	30	68	0
CONTIG-021678	114	305	165	1791	0
CONTIG-021680	332	14	10	191	0
CONTIG-021681	74	42	44	75	0
CONTIG-021682	754	17	63	270	13
CONTIG-021683	58	4	3	0	0
CONTIG-021684	347	9	50	61	4
CONTIG-021685	90	6	10	14	0
CONTIG-021686	84	77	203	67	2
CONTIG-021687	81	17	3	28	2
CONTIG-021688	89	8	6	35	0
CONTIG-021689	246	10	27	84	0
CONTIG-021690	184	13	12	65	0
CONTIG-021691	172	30	180	85	0
CONTIG-021692	289	152	383	1827	23
CONTIG-021693	520	9	11	188	0
CONTIG-021694	88	3	3	4	0
CONTIG-021696	129	17	132	16	0
CONTIG-021699	330	10	13	84	0

CONTIG-021700	945	18	31	335	0
CONTIG-021701	290	9	17	79	0
CONTIG-021702	258	26	174	143	17
CONTIG-021703	305	17	49	227	0
CONTIG-021704	205	7	8	35	2
CONTIG-021705	177	8	4	33	2
CONTIG-021706	48	432	112	318	44
CONTIG-021708	327	7	8	44	0
CONTIG-021709	118	5	2	26	0
CONTIG-021710	122	8	14	28	0
CONTIG-021711	121	10	9	55	0
CONTIG-021712	113	10	15	37	0
CONTIG-021713	248	15	100	118	0
CONTIG-021714	91	5	8	14	0
CONTIG-021715	87	6	0	22	0
CONTIG-021717	147	11	4	42	2
CONTIG-021718	460	16	70	264	0
CONTIG-021719	1054	22	229	865	0
CONTIG-021720	175	38	70	228	0
CONTIG-021721	143	18	67	71	0
CONTIG-021722	73	19	30	42	0
CONTIG-021724	66	5	5	3	0
CONTIG-021725	1076	26	224	757	8
CONTIG-021727	69	5	4	4	0
CONTIG-021728	56	50	36	55	0
CONTIG-021729	177	9	22	58	0
CONTIG-021736	275	23	52	84	20
CONTIG-021737	335	12	0	133	2
CONTIG-021738	99	8	0	28	0
CONTIG-021739	536	16	89	356	0
CONTIG-021740	207	17	88	50	3
CONTIG-021742	318	26	32	256	0
CONTIG-021744	151	3	2	7	0
CONTIG-021745	701	37	289	332	2
CONTIG-021746	260	20	101	149	5
CONTIG-021747	367	76	193	619	68
CONTIG-021748	68	3	3	4	0
CONTIG-021749	480	21	141	265	0
CONTIG-021750	167	7	8	51	0
CONTIG-021752	314	9	31	90	0
CONTIG-021753	228	10	35	50	0
CONTIG-021754	179	6	6	24	0
CONTIG-021755	160	7	43	19	0
CONTIG-021756	469	11	6	0	48
CONTIG-021757	128	3	0	0	0
CONTIG-021760	230	22	99	200	0
CONTIG-021761	196	19	39	143	0

CONTIG-021763	144	275	187	831	190
CONTIG-021764	208	44	61	396	0
CONTIG-021765	85	40	193	2	0
CONTIG-021766	149	4	6	6	0
CONTIG-021767	200	9	35	67	0
CONTIG-021768	47	8	3	13	0
CONTIG-021770	171	14	16	76	0
CONTIG-021771	184	177	286	691	61
CONTIG-021772	217	30	55	188	2
CONTIG-021775	124	5	7	0	0
CONTIG-021776	253	20	23	80	0
CONTIG-021777	175	27	19	216	0
CONTIG-021778	215	19	141	49	0
CONTIG-021783	156	6	12	9	0
CONTIG-021784	227	10	34	94	0
CONTIG-021785	75	4	11	9	0
CONTIG-021786	67	7	10	13	0
CONTIG-021787	612	13	14	180	0
CONTIG-021788	395	26	433	125	0
CONTIG-021789	186	6	41	16	0
CONTIG-021790	51	471	130	916	2
CONTIG-021791	239	12	55	91	0
CONTIG-021792	230	8	10	30	0
CONTIG-021793	498	15	27	211	12
CONTIG-021794	200	5	2	44	0
CONTIG-021796	411	17	38	167	2
CONTIG-021798	585	21	32	595	0
CONTIG-021801	131	28	18	114	0
CONTIG-021802	94	5	11	11	0
CONTIG-021803	78	5	12	10	0
CONTIG-021804	1138	12	47	352	4
CONTIG-021805	220	6	2	22	0
CONTIG-021806	62	8	19	5	0
CONTIG-021807	122	11	19	2	0
CONTIG-021808	261	10	42	101	0
CONTIG-021809	399	17	64	222	2
CONTIG-021810	130	13	7	76	0
CONTIG-021811	551	15	141	169	3
CONTIG-021812	77	4	11	2	0
CONTIG-021813	299	21	10	128	5
CONTIG-021815	328	19	71	234	2
CONTIG-021816	151	10	15	44	0
CONTIG-021817	146	7	5	32	0
CONTIG-021818	180	14	19	107	0
CONTIG-021819	785	16	89	338	4
CONTIG-021820	279	26	62	150	2
CONTIG-021821	76	6	3	12	2

CONTIG-021822	121	4	4	11	0
CONTIG-021823	68	4	2	4	0
CONTIG-021824	151	11	54	13	0
CONTIG-021825	294	7	11	70	0
CONTIG-021826	56	104	9	187	0
CONTIG-021827	156	4	8	13	0
CONTIG-021828	203	14	17	61	0
CONTIG-021829	221	12	6	114	2
CONTIG-021832	186	25	135	63	0
CONTIG-021833	372	10	52	56	4
CONTIG-021834	100	13	19	33	0
CONTIG-021835	95	60	67	201	4
CONTIG-021836	422	20	122	320	2
CONTIG-021837	97	3	2	6	0
CONTIG-021838	296	27	322	186	0
CONTIG-021839	705	11	79	165	0
CONTIG-021840	197	27	75	115	0
CONTIG-021841	71	9	2	20	0
CONTIG-021844	199	79	199	326	19
CONTIG-021845	435	17	41	165	0
CONTIG-021846	60	8	21	2	0
CONTIG-021847	294	31	103	228	2
CONTIG-021848	370	21	163	208	0
CONTIG-021849	1898	27	83	3024	2
CONTIG-021850	610	33	130	432	32
CONTIG-021851	68	7	7	5	0
CONTIG-021852	280	28	105	281	6
CONTIG-021853	495	150	4	0	367
CONTIG-021854	226	6	6	47	0
CONTIG-021855	282	25	55	351	0
CONTIG-021856	93	187	190	429	2
CONTIG-021857	231	15	61	73	0
CONTIG-021858	100	18	41	56	2
CONTIG-021859	519	19	167	173	0
CONTIG-021860	297	9	3	82	0
CONTIG-021861	72	4	2	0	0
CONTIG-021862	174	17	21	33	2
CONTIG-021863	50	178	58	4	0
CONTIG-021864	307	31	42	337	0
CONTIG-021865	135	14	53	71	0
CONTIG-021867	62	9	24	2	0
CONTIG-021868	189	19	27	132	0
CONTIG-021869	280	12	4	88	8
CONTIG-021870	1076	16	71	461	12
CONTIG-021871	283	6	2	21	9
CONTIG-021872	666	24	119	459	2
CONTIG-021873	243	6	18	53	0

CONTIG-021874	104	4	2	5	0
CONTIG-021875	105	7	15	17	0
CONTIG-021876	618	11	19	257	2
CONTIG-021877	458	14	49	251	2
CONTIG-021878	589	52	155	474	74
CONTIG-021879	437	13	96	210	0
CONTIG-021880	540	42	217	976	2
CONTIG-021881	359	50	238	244	15
CONTIG-021883	468	23	72	293	14
CONTIG-021884	122	27	4	171	2
CONTIG-021891	291	9	11	49	2
CONTIG-021892	752	17	57	185	6
CONTIG-021893	349	22	22	280	0
CONTIG-021895	85	103	19	412	0
CONTIG-021896	507	21	76	427	0
CONTIG-021897	562	24	26	556	13
CONTIG-021898	142	10	17	37	2
CONTIG-021899	65	3	2	0	0
CONTIG-021900	369	14	6	11	0
CONTIG-021901	288	17	79	140	0
CONTIG-021902	92	87	65	178	4
CONTIG-021903	182	32	25	130	9
CONTIG-021904	403	50	138	601	19
CONTIG-021905	70	418	284	573	50
CONTIG-021906	230	24	25	225	0
CONTIG-021907	151	4	2	13	0
CONTIG-021908	99	6	7	11	0
CONTIG-021909	286	246	74	12	0
CONTIG-021910	117	7	16	8	0
CONTIG-021911	280	10	13	59	2
CONTIG-021912	144	5	15	2	0
CONTIG-021913	101	21	38	28	0
CONTIG-021914	340	14	23	158	0
CONTIG-021915	97	6	5	17	0
CONTIG-021916	284	8	51	44	0
CONTIG-021917	924	16	26	900	0
CONTIG-021918	313	42	170	407	9
CONTIG-021919	228	8	4	57	0
CONTIG-021920	207	83	159	382	2
CONTIG-021921	112	6	0	33	0
CONTIG-021922	422	18	46	194	0
CONTIG-021923	571	12	12	217	2
CONTIG-021924	142	10	26	25	0
CONTIG-021925	82	21	10	22	0
CONTIG-021926	283	46	271	252	4
CONTIG-021928	587	25	214	167	5
CONTIG-021929	145	5	7	21	0

CONTIG-021930	99	4	16	0	0
CONTIG-021938	405	24	70	344	0
CONTIG-021940	102	25	32	0	0
CONTIG-021949	249	16	109	89	0
CONTIG-021950	827	47	30	14	0
CONTIG-021951	178	8	12	20	0
CONTIG-021952	90	84	31	104	0
CONTIG-021953	49	303	41	670	0
CONTIG-021957	112	12	7	54	0
CONTIG-021958	237	6	23	33	0
CONTIG-021959	69	6	0	13	0
CONTIG-021960	214	5	7	26	0
CONTIG-021961	99	12	37	24	0
CONTIG-021963	152	6	0	22	0
CONTIG-021964	116	3	2	6	0
CONTIG-021965	85	6	24	2	0
CONTIG-021966	238	8	58	25	0
CONTIG-021967	713	46	108	1548	0
CONTIG-021973	330	18	91	42	11
CONTIG-021974	95	53	16	255	0
CONTIG-021975	333	6	15	49	0
CONTIG-021976	180	9	48	14	0
CONTIG-021977	322	11	58	45	0
CONTIG-021978	487	8	19	102	0
CONTIG-021979	243	293	0	0	297
CONTIG-021980	217	11	2	103	0
CONTIG-021981	65	8	4	0	0
CONTIG-021982	99	7	11	14	0
CONTIG-021989	66	6	6	6	0
CONTIG-021990	85	60	113	189	0
CONTIG-021992	145	12	8	46	4
CONTIG-021993	393	9	24	115	2
CONTIG-021994	97	97	157	389	0
CONTIG-021995	62	5	17	2	0
CONTIG-021996	68	8	4	25	0
CONTIG-021998	222	5	23	17	0
CONTIG-021999	451	51	239	873	4
CONTIG-022000	549	19	237	285	0
CONTIG-022001	492	22	138	337	5
CONTIG-022002	159	6	5	31	0
CONTIG-022003	79	3	0	10	0
CONTIG-022004	236	85	196	215	0
CONTIG-022005	142	11	12	53	0
CONTIG-022006	165	8	12	39	0
CONTIG-022007	79	10	89	0	0
CONTIG-022008	555	13	102	238	0
CONTIG-022009	88	4	0	14	0

CONTIG-022010	398	17	114	118	0
CONTIG-022011	64	7	9	8	0
CONTIG-022012	262	33	185	85	0
CONTIG-022013	94	16	34	18	0
CONTIG-022014	78	11	52	0	0
CONTIG-022015	314	13	28	137	6
CONTIG-022017	841	26	188	621	4
CONTIG-022018	170	4	7	12	0
CONTIG-022019	248	7	15	55	0
CONTIG-022020	440	7	9	87	0
CONTIG-022021	107	12	15	51	0
CONTIG-022022	73	8	15	15	0
CONTIG-022024	141	11	53	34	0
CONTIG-022025	259	31	103	423	0
CONTIG-022026	326	8	13	64	0
CONTIG-022027	331	6	7	48	2
CONTIG-022028	156	16	35	71	0
CONTIG-022032	81	5	30	4	0
CONTIG-022033	129	6	25	5	0
CONTIG-022035	133	55	68	87	5
CONTIG-022038	238	15	9	56	3
CONTIG-022039	62	4	20	0	0
CONTIG-022040	381	12	97	99	5
CONTIG-022041	622	10	67	216	0
CONTIG-022042	536	17	18	385	0
CONTIG-022043	668	17	87	380	0
CONTIG-022044	449	11	85	93	2
CONTIG-022045	267	7	27	38	0
CONTIG-022046	458	34	78	348	63
CONTIG-022047	83	3	3	7	0
CONTIG-022048	295	7	19	64	0
CONTIG-022049	98	11	24	27	0
CONTIG-022050	89	33	47	76	0
CONTIG-022056	204	335	378	3087	73
CONTIG-022057	243	5	9	45	0
CONTIG-022058	149	8	4	34	2
CONTIG-022059	415	21	165	205	0
CONTIG-022060	89	35	32	2	0
CONTIG-022061	464	12	14	239	0
CONTIG-022062	60	5	15	3	0
CONTIG-022063	77	10	31	8	0
CONTIG-022069	688	9	58	145	0
CONTIG-022070	122	45	57	204	0
CONTIG-022074	81	458	195	831	8
CONTIG-022075	200	81	192	759	0
CONTIG-022076	1084	21	11	18	0
CONTIG-022077	278	13	37	131	0

CONTIG-022078	266	16	50	99	3
CONTIG-022079	88	3	2	5	0
CONTIG-022080	787	36	189	1027	4
CONTIG-022082	78	5	6	6	0
CONTIG-022083	252	9	46	56	0
CONTIG-022084	150	10	24	30	0
CONTIG-022085	69	5	9	8	0
CONTIG-022086	250	7	7	46	0
CONTIG-022087	637	15	61	225	0
CONTIG-022088	123	4	6	15	0
CONTIG-022089	88	5	6	14	0
CONTIG-022090	290	5	16	22	0
CONTIG-022091	57	332	3	0	6
CONTIG-022092	169	16	158	25	0
CONTIG-022093	685	11	40	207	2
CONTIG-022094	1006	21	104	381	6
CONTIG-022095	110	5	2	6	0
CONTIG-022097	159	4	2	23	0
CONTIG-022098	88	20	21	49	0
CONTIG-022099	135	16	88	42	2
CONTIG-022100	98	78	52	256	0
CONTIG-022101	108	7	3	19	0
CONTIG-022102	889	24	128	636	6
CONTIG-022105	920	24	51	558	22
CONTIG-022106	76	5	2	0	0
CONTIG-022107	348	14	14	217	0
CONTIG-022109	245	9	8	90	0
CONTIG-022110	317	13	57	169	0
CONTIG-022111	925	13	107	396	2
CONTIG-022112	201	8	3	45	2
CONTIG-022113	71	7	2	15	0
CONTIG-022114	292	10	0	0	2
CONTIG-022115	217	14	63	24	0
CONTIG-022116	75	7	21	2	0
CONTIG-022117	419	15	37	175	0
CONTIG-022118	69	7	15	3	0
CONTIG-022119	97	207	11	0	0
CONTIG-022120	296	14	22	175	0
CONTIG-022121	967	13	42	221	4
CONTIG-022122	110	9	30	2	0
CONTIG-022123	121	8	15	9	0
CONTIG-022124	299	24	47	310	0
CONTIG-022125	363	17	20	97	0
CONTIG-022126	44	64	12	98	0
CONTIG-022127	100	18	14	50	0
CONTIG-022128	72	10	4	0	4
CONTIG-022129	196	5	10	13	0

CONTIG-022130	589	12	43	279	0
CONTIG-022131	320	26	240	208	0
CONTIG-022132	123	14	16	25	0
CONTIG-022133	327	9	51	38	0
CONTIG-022134	101	7	2	23	4
CONTIG-022137	546	25	92	590	0
CONTIG-022138	117	3	10	6	0
CONTIG-022139	568	18	131	324	4
CONTIG-022140	182	20	36	135	2
CONTIG-022141	617	22	33	85	0
CONTIG-022142	135	197	13	1377	0
CONTIG-022143	79	34	0	91	2
CONTIG-022144	494	52	39	770	93
CONTIG-022145	192	16	49	124	0
CONTIG-022146	221	7	19	34	0
CONTIG-022147	692	18	100	305	5
CONTIG-022148	190	12	3	39	0
CONTIG-022149	415	15	96	221	3
CONTIG-022150	85	19	7	71	0
CONTIG-022151	215	552	74	13	0
CONTIG-022152	72	26	17	43	0
CONTIG-022153	654	25	102	701	2
CONTIG-022154	302	13	34	125	0
CONTIG-022155	134	41	17	279	0
CONTIG-022156	612	17	30	420	6
CONTIG-022157	148	9	11	47	0
CONTIG-022158	453	9	74	88	0
CONTIG-022159	63	12	33	19	0
CONTIG-022162	36	66	3	50	0
CONTIG-022163	135	9	0	40	0
CONTIG-022164	65	13	18	16	0
CONTIG-022166	73	11	19	17	0
CONTIG-022167	508	17	96	285	0
CONTIG-022168	173	8	2	46	0
CONTIG-022169	489	11	24	104	2
CONTIG-022170	846	15	80	391	4
CONTIG-022171	277	70	62	680	2
CONTIG-022172	319	11	23	132	4
CONTIG-022173	58	9	43	0	0
CONTIG-022174	70	9	44	5	0
CONTIG-022175	209	15	33	80	8
CONTIG-022176	63	4	4	6	0
CONTIG-022177	259	26	138	296	0
CONTIG-022180	179	12	43	39	0
CONTIG-022181	145	274	65	2030	0
CONTIG-022182	514	41	68	832	2
CONTIG-022184	614	16	7	335	0

CONTIG-022190	136	44	177	66	0
CONTIG-022191	148	15	2	65	0
CONTIG-022192	216	13	50	96	0
CONTIG-022193	246	31	83	331	0
CONTIG-022194	176	12	14	31	2
CONTIG-022195	236	6	64	25	0
CONTIG-022196	254	79	161	944	6
CONTIG-022197	172	10	30	50	0
CONTIG-022198	85	5	26	11	0
CONTIG-022199	126	72	11	0	0
CONTIG-022200	114	9	0	58	0
CONTIG-022201	73	35	149	2	0
CONTIG-022202	190	15	25	20	0
CONTIG-022203	179	11	5	60	2
CONTIG-022204	268	9	17	71	4
CONTIG-022205	328	14	119	117	0
CONTIG-022206	799	22	62	902	0
CONTIG-022207	151	19	127	17	0
CONTIG-022208	121	5	0	20	0
CONTIG-022209	836	18	151	487	4
CONTIG-022210	74	20	12	39	0
CONTIG-022215	143	7	12	36	0
CONTIG-022216	195	30	23	138	2
CONTIG-022217	566	18	50	281	4
CONTIG-022218	91	7	16	13	0
CONTIG-022220	150	63	79	304	0
CONTIG-022221	689	27	241	401	14
CONTIG-022223	86	6	11	0	0
CONTIG-022224	105	7	3	17	0
CONTIG-022225	226	5	10	29	2
CONTIG-022226	433	26	46	191	11
CONTIG-022227	436	7	12	67	0
CONTIG-022239	213	6	3	8	0
CONTIG-022241	211	14	67	64	2
CONTIG-022242	542	24	42	467	0
CONTIG-022243	115	32	205	27	0
CONTIG-022244	198	8	18	39	2
CONTIG-022245	228	11	37	71	0
CONTIG-022246	436	38	185	519	13
CONTIG-022247	85	81	136	88	23
CONTIG-022248	75	6	9	5	0
CONTIG-022249	279	7	6	42	0
CONTIG-022250	47	26	7	14	0
CONTIG-022251	59	4	6	4	0
CONTIG-022254	102	17	79	46	0
CONTIG-022255	435	21	42	240	2
CONTIG-022257	369	14	56	172	0

CONTIG-022258	61	4	8	4	0
CONTIG-022259	592	15	182	110	2
CONTIG-022260	95	22	24	63	0
CONTIG-022261	69	6	0	4	0
CONTIG-022262	800	39	136	1165	6
CONTIG-022263	134	18	21	82	2
CONTIG-022264	268	11	51	104	0
CONTIG-022265	116	4	5	9	0
CONTIG-022266	40	431	24	675	104
CONTIG-022267	193	32	5	335	6
CONTIG-022268	69	16	83	2	0
CONTIG-022270	60	9	25	8	0
CONTIG-022271	240	18	67	182	0
CONTIG-022272	774	43	145	1088	16
CONTIG-022273	58	19	46	18	0
CONTIG-022274	63	7	5	11	2
CONTIG-022275	123	12	104	4	6
CONTIG-022277	172	25	32	139	6
CONTIG-022278	192	10	12	60	2
CONTIG-022279	191	7	25	21	0
CONTIG-022282	111	6	0	8	0
CONTIG-022283	201	19	30	2	0
CONTIG-022284	70	4	4	4	0
CONTIG-022285	72	11	13	3	0
CONTIG-022286	124	14	10	59	2
CONTIG-022287	105	4	3	6	0
CONTIG-022288	89	2	0	2	0
CONTIG-022289	111	14	42	28	2
CONTIG-022290	63	14	27	8	0
CONTIG-022291	183	6	10	21	0
CONTIG-022292	87	9	22	34	2
CONTIG-022293	645	17	11	313	20
CONTIG-022294	92	4	15	0	0
CONTIG-022295	83	2	0	2	0
CONTIG-022296	472	12	4	131	12
CONTIG-022297	117	6	6	6	0
CONTIG-022298	269	15	48	78	2
CONTIG-022299	259	10	67	49	2
CONTIG-022300	82	6	6	11	0
CONTIG-022308	89	3	2	5	0
CONTIG-022309	541	15	45	355	0
CONTIG-022310	145	10	88	4	0
CONTIG-022311	107	176	145	872	17
CONTIG-022312	74	7	7	12	0
CONTIG-022313	416	25	27	108	0
CONTIG-022314	119	7	7	26	0
CONTIG-022315	365	24	92	431	2

CONTIG-022316	318	13	20	181	0
CONTIG-022317	94	7	31	0	0
CONTIG-022318	1296	49	158	2711	58
CONTIG-022319	196	8	12	34	0
CONTIG-022320	290	19	103	201	2
CONTIG-022321	310	12	18	95	7
CONTIG-022322	416	126	109	3089	9
CONTIG-022325	49	327	215	579	3
CONTIG-022326	216	17	54	122	0
CONTIG-022327	778	11	237	254	0
CONTIG-022328	1320	26	145	1712	0
CONTIG-022329	90	8	24	24	0
CONTIG-022330	420	14	54	130	3
CONTIG-022331	104	83	78	16	0
CONTIG-022332	458	28	131	567	4
CONTIG-022333	344	12	67	93	0
CONTIG-022335	389	17	134	224	0
CONTIG-022336	68	17	19	43	0
CONTIG-022338	412	79	67	971	96
CONTIG-022339	63	7	8	9	0
CONTIG-022340	127	13	4	64	0
CONTIG-022342	181	23	132	121	0
CONTIG-022343	511	22	81	223	2
CONTIG-022344	251	9	16	67	0
CONTIG-022345	1201	17	99	888	0
CONTIG-022346	223	16	42	100	2
CONTIG-022347	217	8	8	25	0
CONTIG-022348	720	12	8	315	0
CONTIG-022349	78	7	36	6	0
CONTIG-022350	69	647	104	865	66
CONTIG-022351	143	8	15	32	0
CONTIG-022352	620	24	69	466	2
CONTIG-022356	288	7	68	45	0
CONTIG-022365	106	5	9	12	0
CONTIG-022366	103	11	28	8	0
CONTIG-022367	269	6	4	11	0
CONTIG-022368	441	16	20	307	0
CONTIG-022369	135	252	4	0	461
CONTIG-022370	418	21	187	257	2
CONTIG-022371	252	14	83	58	0
CONTIG-022372	141	50	35	222	3
CONTIG-022373	234	8	5	18	0
CONTIG-022374	845	32	256	1242	2
CONTIG-022375	150	15	28	82	0
CONTIG-022376	273	13	62	72	0
CONTIG-022377	64	5	3	5	0
CONTIG-022379	199	18	6	61	0

CONTIG-022380	299	9	19	49	0
CONTIG-022382	180	15	37	71	0
CONTIG-022383	65	15	35	23	0
CONTIG-022384	141	4	4	13	0
CONTIG-022385	290	7	2	6	0
CONTIG-022386	70	8	19	13	0
CONTIG-022387	812	19	49	726	0
CONTIG-022388	77	3	5	5	0
CONTIG-022390	506	15	16	37	0
CONTIG-022391	320	19	69	202	0
CONTIG-022392	205	5	3	16	0
CONTIG-022393	780	47	516	1155	15
CONTIG-022394	1278	15	46	552	21
CONTIG-022395	224	13	20	56	0
CONTIG-022396	482	18	40	327	0
CONTIG-022400	153	4	0	15	0
CONTIG-022401	65	15	51	4	0
CONTIG-022402	88	6	0	9	0
CONTIG-022403	158	4	21	0	0
CONTIG-022404	232	195	53	2327	77
CONTIG-022408	89	4	0	0	2
CONTIG-022409	258	10	39	84	0
CONTIG-022410	492	19	51	395	2
CONTIG-022411	39	423	94	220	44
CONTIG-022412	297	20	120	166	0
CONTIG-022413	141	33	19	213	0
CONTIG-022414	67	5	2	8	0
CONTIG-022415	418	40	234	475	8
CONTIG-022418	163	7	7	30	0
CONTIG-022419	110	14	118	0	0
CONTIG-022422	61	101	2	0	29
CONTIG-022423	324	25	159	299	0
CONTIG-022425	123	7	0	15	0
CONTIG-022426	85	156	194	347	56
CONTIG-022427	66	6	2	6	0
CONTIG-022428	420	20	10	262	9
CONTIG-022429	78	6	2	14	0
CONTIG-022431	600	10	77	72	10
CONTIG-022432	112	14	30	48	0
CONTIG-022434	894	42	212	1350	41
CONTIG-022438	315	29	56	105	8
CONTIG-022439	405	13	48	100	0
CONTIG-022440	78	4	4	7	0
CONTIG-022441	182	5	20	9	0
CONTIG-022442	560	49	64	1530	0
CONTIG-022448	723	14	100	441	0
CONTIG-022449	187	13	13	63	0

CONTIG-022466	290	56	78	580	4
CONTIG-022490	1176	15	255	680	0
CONTIG-022491	113	9	25	2	0
CONTIG-022494	470	13	16	129	10
CONTIG-022495	169	5	7	20	0
CONTIG-022496	60	4	6	4	0
CONTIG-022497	89	6	0	16	0
CONTIG-022498	257	14	45	133	0
CONTIG-022499	432	10	55	77	4
CONTIG-022500	325	19	86	134	2
CONTIG-022501	252	8	19	50	0
CONTIG-022502	113	10	64	0	0
CONTIG-022504	805	28	93	359	0
CONTIG-022505	235	16	64	98	0
CONTIG-022506	126	4	27	6	0
CONTIG-022507	205	7	19	19	0
CONTIG-022508	114	25	39	92	0
CONTIG-022509	102	23	15	123	0
CONTIG-022510	213	18	61	86	2
CONTIG-022511	77	6	3	2	0
CONTIG-022512	61	3	3	4	0
CONTIG-022513	94	10	23	33	0
CONTIG-022514	484	17	12	423	0
CONTIG-022515	621	11	24	123	6
CONTIG-022516	65	4	7	7	0
CONTIG-022517	209	11	25	58	2
CONTIG-022518	107	8	0	38	0
CONTIG-022519	589	30	155	567	5
CONTIG-022520	605	20	103	488	2
CONTIG-022521	264	5	18	42	0
CONTIG-022522	503	22	38	495	2
CONTIG-022523	137	16	64	16	0
CONTIG-022524	134	9	3	34	0
CONTIG-022525	300	8	6	52	0
CONTIG-022526	67	25	31	8	0
CONTIG-022527	85	3	4	0	0
CONTIG-022529	135	42	82	148	0
CONTIG-022532	238	23	17	149	15
CONTIG-022534	458	20	115	275	5
CONTIG-022536	983	11	79	280	0
CONTIG-022538	59	5	2	12	0
CONTIG-022539	365	4	6	47	0
CONTIG-022540	82	6	14	4	0
CONTIG-022541	75	251	111	588	0
CONTIG-022542	393	13	38	99	0
CONTIG-022543	90	6	2	17	0
CONTIG-022545	111	8	11	17	0

CONTIG-022546	60	10	8	6	0
CONTIG-022547	73	13	3	35	0
CONTIG-022548	98	15	37	58	0
CONTIG-022549	122	5	12	9	0
CONTIG-022551	125	54	59	138	2
CONTIG-022552	122	4	4	4	0
CONTIG-022553	303	39	27	31	0
CONTIG-022554	317	116	90	1110	28
CONTIG-022555	103	2	0	4	0
CONTIG-022556	221	9	46	55	0
CONTIG-022557	108	5	2	15	0
CONTIG-022558	468	11	27	152	0
CONTIG-022559	330	15	95	124	0
CONTIG-022560	359	23	39	351	2
CONTIG-022561	412	30	0	0	310
CONTIG-022562	323	9	43	89	0
CONTIG-022564	188	10	5	50	0
CONTIG-022565	86	17	24	61	0
CONTIG-022566	141	8	7	32	0
CONTIG-022567	129	13	71	24	2
CONTIG-022568	103	48	30	246	0
CONTIG-022571	78	5	0	0	0
CONTIG-022575	931	22	80	616	9
CONTIG-022576	342	28	18	129	0
CONTIG-022577	1081	24	22	100	0
CONTIG-022579	449	15	35	269	0
CONTIG-022580	146	43	191	198	0
CONTIG-022582	102	6	2	29	0
CONTIG-022583	281	5	8	41	0
CONTIG-022584	106	8	5	21	0
CONTIG-022585	310	21	86	223	2
CONTIG-022586	65	6	14	6	0
CONTIG-022588	524	16	53	271	0
CONTIG-022589	61	7	14	6	0
CONTIG-022597	136	8	2	26	0
CONTIG-022598	285	9	5	99	0
CONTIG-022599	202	25	27	139	0
CONTIG-022600	85	9	10	6	0
CONTIG-022601	163	9	12	34	0
CONTIG-022602	273	14	92	123	0
CONTIG-022603	220	11	35	45	0
CONTIG-022604	133	6	4	15	0
CONTIG-022605	69	5	13	0	0
CONTIG-022606	43	72	52	54	5
CONTIG-022607	63	83	16	123	6
CONTIG-022608	72	3	7	6	0
CONTIG-022609	829	17	121	572	0

CONTIG-022610	63	76	46	137	2
CONTIG-022611	60	7	7	15	0
CONTIG-022613	144	15	11	62	0
CONTIG-022620	742	29	166	582	4
CONTIG-022621	155	15	53	22	0
CONTIG-022622	100	12	41	15	0
CONTIG-022623	88	20	13	30	0
CONTIG-022624	224	28	127	159	0
CONTIG-022625	120	8	23	17	2
CONTIG-022626	173	9	13	41	6
CONTIG-022627	119	5	8	21	0
CONTIG-022628	480	42	455	457	7
CONTIG-022629	529	23	94	237	5
CONTIG-022630	63	9	14	28	0
CONTIG-022631	82	15	9	50	0
CONTIG-022632	40	733	392	417	35
CONTIG-022633	61	4	4	5	0
CONTIG-022634	60	9	25	10	0
CONTIG-022635	1251	38	243	1896	0
CONTIG-022638	82	9	14	19	0
CONTIG-022639	284	12	50	129	0
CONTIG-022640	206	20	74	182	0
CONTIG-022642	140	5	0	0	5
CONTIG-022643	373	15	124	95	2
CONTIG-022644	511	15	44	242	0
CONTIG-022646	63	3	4	6	0
CONTIG-022652	199	16	15	137	0
CONTIG-022655	114	14	30	33	0
CONTIG-022656	148	7	64	0	0
CONTIG-022657	476	24	36	605	2
CONTIG-022658	204	6	3	4	0
CONTIG-022659	84	11	34	10	0
CONTIG-022660	154	16	11	62	2
CONTIG-022661	169	9	64	24	0
CONTIG-022662	157	12	17	3	0
CONTIG-022663	289	11	11	46	0
CONTIG-022664	621	16	42	314	0
CONTIG-022665	163	9	38	4	0
CONTIG-022666	253	18	33	208	0
CONTIG-022667	45	132	10	174	0
CONTIG-022668	71	282	66	292	4
CONTIG-022669	283	7	49	58	2
CONTIG-022670	129	16	6	75	0
CONTIG-022671	364	74	193	1650	0
CONTIG-022672	534	10	137	175	0
CONTIG-022673	1081	14	39	513	2
CONTIG-022674	266	13	69	117	0

CONTIG-022675	326	12	26	60	4
CONTIG-022676	135	8	6	12	2
CONTIG-022677	211	9	39	42	2
CONTIG-022678	91	13	22	10	0
CONTIG-022679	94	10	36	26	0
CONTIG-022682	52	13	0	20	0
CONTIG-022683	287	20	79	83	0
CONTIG-022684	109	6	27	0	4
CONTIG-022685	822	79	59	3896	0
CONTIG-022686	223	7	3	20	2
CONTIG-022687	58	11	7	3	0
CONTIG-022696	183	7	6	23	0
CONTIG-022697	305	11	18	55	6
CONTIG-022698	125	14	27	51	0
CONTIG-022700	61	5	6	11	0
CONTIG-022701	115	8	35	2	0
CONTIG-022702	111	8	4	44	0
CONTIG-022703	116	3	0	2	0
CONTIG-022704	651	18	140	177	0
CONTIG-022705	63	8	0	15	0
CONTIG-022706	160	19	67	33	0
CONTIG-022707	64	8	12	14	0
CONTIG-022708	69	9	2	15	0
CONTIG-022710	128	8	13	11	0
CONTIG-022711	453	19	138	176	4
CONTIG-022712	1227	46	81	2909	3
CONTIG-022713	97	7	8	26	0
CONTIG-022714	126	9	9	20	0
CONTIG-022715	93	19	58	28	0
CONTIG-022716	272	14	88	109	0
CONTIG-022717	738	18	76	636	0
CONTIG-022719	156	12	60	49	0
CONTIG-022720	76	16	25	13	0
CONTIG-022722	104	7	0	28	0
CONTIG-022723	304	11	30	45	0
CONTIG-022724	116	3	2	2	0
CONTIG-022725	184	34	82	158	4
CONTIG-022726	749	45	81	1492	0
CONTIG-022727	67	7	12	10	0
CONTIG-022728	349	16	28	216	0
CONTIG-022729	66	12	4	10	0
CONTIG-022730	411	44	173	524	13
CONTIG-022731	62	9	18	6	0
CONTIG-022732	604	16	98	218	0
CONTIG-022736	138	6	8	21	0
CONTIG-022737	113	35	26	142	2
CONTIG-022738	119	6	9	23	0

CONTIG-022740	439	9	40	115	0
CONTIG-022741	424	13	93	154	0
CONTIG-022742	205	11	27	66	0
CONTIG-022743	72	8	5	29	0
CONTIG-022744	66	4	2	8	0
CONTIG-022745	383	20	0	0	39
CONTIG-022746	188	7	5	31	0
CONTIG-022748	785	19	78	624	0
CONTIG-022749	189	7	2	45	0
CONTIG-022750	99	15	115	12	0
CONTIG-022752	170	15	22	4	0
CONTIG-022753	123	4	8	9	0
CONTIG-022754	198	7	10	2	2
CONTIG-022755	67	9	11	19	0
CONTIG-022756	182	10	80	4	0
CONTIG-022757	89	11	52	24	0
CONTIG-022758	735	40	157	863	11
CONTIG-022759	717	69	227	1409	319
CONTIG-022760	234	8	9	51	2
CONTIG-022761	341	15	21	253	0
CONTIG-022762	250	15	37	98	2
CONTIG-022765	340	18	95	143	4
CONTIG-022766	209	12	40	83	0
CONTIG-022767	734	15	84	303	0
CONTIG-022768	210	6	10	9	2
CONTIG-022769	319	14	19	163	0
CONTIG-022770	93	10	50	0	0
CONTIG-022771	242	8	19	70	2
CONTIG-022772	98	14	41	39	0
CONTIG-022775	500	18	20	0	0
CONTIG-022776	100	6	2	26	0
CONTIG-022777	126	6	21	23	0
CONTIG-022778	221	24	90	259	0
CONTIG-022779	364	77	162	1657	0
CONTIG-022780	53	347	53	830	12
CONTIG-022781	326	24	86	137	11
CONTIG-022782	100	11	5	22	0
CONTIG-022783	110	18	50	42	0
CONTIG-022784	133	11	20	42	0
CONTIG-022785	273	9	23	65	0
CONTIG-022786	286	8	10	38	0
CONTIG-022787	226	16	42	183	0
CONTIG-022788	389	21	85	285	2
CONTIG-022789	117	21	220	13	0
CONTIG-022790	140	9	18	31	0
CONTIG-022791	198	941	60	6909	0
CONTIG-022792	82	10	45	2	0

CONTIG-022793	417	13	55	132	6
CONTIG-022794	202	12	64	30	0
CONTIG-022795	144	17	21	88	0
CONTIG-022796	493	10	102	125	2
CONTIG-022797	112	186	200	932	0
CONTIG-022798	532	76	255	1905	0
CONTIG-022799	134	8	9	29	0
CONTIG-022800	536	42	127	1259	2
CONTIG-022801	380	15	71	264	0
CONTIG-022802	96	7	10	5	0
CONTIG-022803	396	8	63	71	2
CONTIG-022808	189	7	7	13	0
CONTIG-022809	61	6	4	12	0
CONTIG-022810	79	11	47	10	0
CONTIG-022811	76	5	14	4	0
CONTIG-022812	279	16	4	0	44
CONTIG-022813	81	16	92	7	0
CONTIG-022816	71	5	0	2	0
CONTIG-022817	68	9	8	6	2
CONTIG-022818	64	9	2	0	8
CONTIG-022819	140	8	7	31	0
CONTIG-022823	99	39	97	29	0
CONTIG-022826	440	53	162	703	27
CONTIG-022827	228	22	36	205	2
CONTIG-022828	417	9	33	70	0
CONTIG-022829	294	54	47	962	0
CONTIG-022830	132	5	2	19	0
CONTIG-022831	271	15	103	96	0
CONTIG-022832	595	15	55	164	0
CONTIG-022833	478	16	21	432	0
CONTIG-022834	318	190	40	42	0
CONTIG-022835	381	16	86	195	0
CONTIG-022836	148	84	76	609	11
CONTIG-022837	433	33	221	446	13
CONTIG-022838	38	658	49	868	0
CONTIG-022839	200	12	19	84	0
CONTIG-022840	326	9	22	111	4
CONTIG-022841	163	7	13	31	0
CONTIG-022842	244	11	41	98	0
CONTIG-022843	247	7	18	21	0
CONTIG-022844	148	10	83	0	0
CONTIG-022845	105	15	46	25	0
CONTIG-022846	126	18	43	5	0
CONTIG-022847	717	41	52	277	0
CONTIG-022848	163	19	22	132	0
CONTIG-022849	406	10	6	170	0
CONTIG-022850	347	10	34	65	0

CONTIG-022851	311	25	43	210	7
CONTIG-022852	276	14	36	177	0
CONTIG-022853	325	11	14	104	6
CONTIG-022854	154	12	34	38	0
CONTIG-022860	165	10	33	33	0
CONTIG-022861	981	19	58	486	21
CONTIG-022866	960	67	114	3117	242
CONTIG-022867	550	22	81	583	0
CONTIG-022868	581	11	29	54	0
CONTIG-022869	58	51	21	69	0
CONTIG-022870	111	14	8	45	0
CONTIG-022872	224	19	24	10	0
CONTIG-022873	70	6	11	4	0
CONTIG-022874	101	4	6	14	0
CONTIG-022875	40	248	238	157	0
CONTIG-022876	176	8	30	31	0
CONTIG-022877	102	4	0	7	0
CONTIG-022878	363	27	26	256	2
CONTIG-022879	749	22	221	493	2
CONTIG-022880	101	36	325	31	0
CONTIG-022881	172	26	368	49	0
CONTIG-022882	126	8	86	2	0
CONTIG-022883	473	11	11	83	11
CONTIG-022884	386	15	21	241	0
CONTIG-022885	139	8	12	33	0
CONTIG-022886	104	65	22	298	0
CONTIG-022887	169	11	17	9	0
CONTIG-022888	147	93	88	36	3
CONTIG-022889	120	9	2	17	0
CONTIG-022891	142	17	39	79	0
CONTIG-022892	240	23	74	161	0
CONTIG-022893	640	39	2	0	163
CONTIG-022894	221	7	6	49	0
CONTIG-022895	195	9	27	13	0
CONTIG-022896	110	12	16	34	2
CONTIG-022897	333	26	41	128	0
CONTIG-022898	218	7	0	57	0
CONTIG-022899	64	26	40	18	0
CONTIG-022900	84	8	0	18	0
CONTIG-022901	545	11	16	191	6
CONTIG-022902	179	18	99	98	0
CONTIG-022903	231	10	40	46	0
CONTIG-022904	48	476	82	584	2
CONTIG-022905	170	15	5	0	0
CONTIG-022906	647	21	74	652	0
CONTIG-022907	105	67	396	17	0
CONTIG-022908	37	68	10	86	0

CONTIG-022909	94	7	3	10	0
CONTIG-022910	100	5	14	3	0
CONTIG-022911	75	5	14	5	0
CONTIG-022912	419	11	16	38	0
CONTIG-022913	166	6	0	42	0
CONTIG-022914	119	9	12	33	0
CONTIG-022915	806	24	11	25	0
CONTIG-022916	152	10	26	46	0
CONTIG-022917	92	12	10	38	0
CONTIG-022918	94	11	12	39	0
CONTIG-022919	282	7	11	0	11
CONTIG-022920	143	236	227	1515	12
CONTIG-022922	1070	17	69	511	10
CONTIG-022923	246	31	56	295	2
CONTIG-022924	190	7	2	19	2
CONTIG-022925	119	7	3	24	0
CONTIG-022926	61	3	5	0	0
CONTIG-022927	108	12	6	43	2
CONTIG-022928	254	16	75	142	0
CONTIG-022929	106	3	0	0	0
CONTIG-022930	329	7	14	37	0
CONTIG-022931	347	11	13	44	2
CONTIG-022932	1170	19	287	772	2
CONTIG-022933	480	24	36	671	0
CONTIG-022935	78	8	21	13	0
CONTIG-022936	296	7	16	47	0
CONTIG-022937	854	14	114	325	8
CONTIG-022939	138	11	38	38	0
CONTIG-022940	169	37	43	219	0
CONTIG-022941	74	9	11	8	0
CONTIG-022942	835	27	155	1013	10
CONTIG-022943	198	9	6	54	0
CONTIG-022944	149	6	13	27	0
CONTIG-022945	71	3	3	2	0
CONTIG-022946	211	9	17	67	0
CONTIG-022947	61	7	5	0	0
CONTIG-022948	227	31	94	323	0
CONTIG-022949	168	4	20	11	0
CONTIG-022950	402	24	41	543	0
CONTIG-022951	127	6	50	8	0
CONTIG-022952	723	11	73	199	0
CONTIG-022953	103	24	72	19	0
CONTIG-022954	421	9	16	83	0
CONTIG-022955	550	60	4	0	212
CONTIG-022956	837	24	62	972	0
CONTIG-022957	228	12	4	106	0
CONTIG-022958	112	10	3	4	0

CONTIG-022959	294	11	44	50	2
CONTIG-022960	109	7	3	6	0
CONTIG-022961	36	91	16	65	0
CONTIG-022962	457	36	30	745	0
CONTIG-022963	84	5	5	12	0
CONTIG-022966	58	17	57	4	2
CONTIG-022967	481	15	42	223	0
CONTIG-022968	303	9	4	71	2
CONTIG-022969	130	4	6	11	0
CONTIG-022970	325	10	21	67	2
CONTIG-022971	80	11	16	38	0
CONTIG-022972	213	13	14	94	0
CONTIG-022973	150	11	24	48	0
CONTIG-022974	70	6	24	0	0
CONTIG-022975	70	9	33	11	0
CONTIG-022976	185	8	10	25	0
CONTIG-022977	287	12	83	92	0
CONTIG-022978	141	11	22	40	0
CONTIG-022979	80	3	4	6	0
CONTIG-022980	69	6	0	7	2
CONTIG-022981	247	41	29	330	2
CONTIG-022982	326	6	9	81	0
CONTIG-022983	233	31	77	156	11
CONTIG-022984	127	8	5	24	0
CONTIG-022985	1433	21	56	1083	30
CONTIG-022986	211	10	28	56	0
CONTIG-022987	43	324	11	732	0
CONTIG-022989	94	8	16	25	0
CONTIG-022991	840	15	77	451	0
CONTIG-022992	186	8	7	33	0
CONTIG-022993	777	21	81	112	0
CONTIG-022994	97	18	10	32	2
CONTIG-022995	145	6	31	12	0
CONTIG-022996	548	12	53	196	0
CONTIG-022997	62	7	10	6	0
CONTIG-022998	143	19	54	118	0
CONTIG-022999	184	30	89	206	0
CONTIG-023000	63	13	9	4	0
CONTIG-023001	426	49	119	498	12
CONTIG-023002	144	8	16	40	0
CONTIG-023003	39	34	16	34	0
CONTIG-023004	412	11	28	142	0
CONTIG-023005	182	12	10	81	0
CONTIG-023006	58	10	26	0	0
CONTIG-023007	250	20	52	183	0
CONTIG-023008	268	21	212	120	0
CONTIG-023010	148	14	25	55	0

CONTIG-023012	147	8	5	36	0
CONTIG-023014	596	19	68	500	2
CONTIG-023015	350	39	62	585	0
CONTIG-023016	75	4	6	8	0
CONTIG-023017	58	5	2	11	0
CONTIG-023018	87	8	6	25	0
CONTIG-023019	255	42	180	141	0
CONTIG-023020	59	21	50	14	0
CONTIG-023021	378	8	11	57	0
CONTIG-023024	263	12	59	53	0
CONTIG-023025	257	14	27	83	0
CONTIG-023028	237	10	6	82	0
CONTIG-023029	384	62	283	1317	0
CONTIG-023030	162	12	61	59	0
CONTIG-023031	105	5	12	6	0
CONTIG-023032	58	17	3	12	0
CONTIG-023033	119	18	20	16	0
CONTIG-023034	162	8	12	23	0
CONTIG-023035	194	6	0	21	0
CONTIG-023036	125	8	5	0	0
CONTIG-023037	137	8	4	23	0
CONTIG-023038	61	4	3	5	0
CONTIG-023039	68	14	17	46	0
CONTIG-023040	390	10	110	98	0
CONTIG-023041	274	14	14	132	4
CONTIG-023042	59	7	20	0	0
CONTIG-023043	471	14	50	130	0
CONTIG-023046	135	7	45	17	0
CONTIG-023047	110	9	5	34	0
CONTIG-023048	121	8	20	17	0
CONTIG-023050	108	51	22	152	0
CONTIG-023051	265	12	13	85	0
CONTIG-023052	131	4	0	2	0
CONTIG-023055	510	15	26	220	2
CONTIG-023056	535	19	121	268	0
CONTIG-023058	61	3	5	6	0
CONTIG-023059	118	12	18	56	0
CONTIG-023060	131	20	72	13	0
CONTIG-023061	111	7	8	19	0
CONTIG-023064	602	15	24	163	6
CONTIG-023065	164	53	28	364	0
CONTIG-023066	323	9	13	42	0
CONTIG-023067	108	6	3	12	0
CONTIG-023068	76	5	15	0	0
CONTIG-023069	106	9	14	22	0
CONTIG-023070	1198	21	94	609	8
CONTIG-023071	71	4	11	9	0

CONTIG-023072	219	14	37	127	0
CONTIG-023073	313	13	30	139	0
CONTIG-023074	285	15	19	123	0
CONTIG-023075	118	14	15	59	0
CONTIG-023076	539	19	48	455	2
CONTIG-023077	303	7	46	38	0
CONTIG-023078	257	19	57	171	8
CONTIG-023079	262	13	31	94	0
CONTIG-023080	172	7	31	30	0
CONTIG-023081	58	7	18	9	0
CONTIG-023082	153	5	5	20	0
CONTIG-023083	112	9	24	12	0
CONTIG-023085	113	10	10	27	0
CONTIG-023086	597	24	61	498	4
CONTIG-023087	380	8	8	92	2
CONTIG-023088	218	11	89	22	0
CONTIG-023089	503	9	38	102	2
CONTIG-023093	134	11	23	59	0
CONTIG-023095	176	8	8	45	0
CONTIG-023096	277	6	7	62	0
CONTIG-023097	82	7	11	4	0
CONTIG-023098	414	20	56	251	13
CONTIG-023099	70	9	10	15	2
CONTIG-023100	73	4	11	4	0
CONTIG-023102	662	11	149	266	2
CONTIG-023103	231	9	12	61	0
CONTIG-023104	114	74	69	204	12
CONTIG-023105	121	10	18	26	0
CONTIG-023106	81	4	21	5	0
CONTIG-023107	140	16	8	62	0
CONTIG-023108	223	11	16	84	0
CONTIG-023109	292	13	179	66	2
CONTIG-023110	61	3	2	0	0
CONTIG-023111	178	12	31	65	0
CONTIG-023113	407	18	48	129	17
CONTIG-023114	147	18	108	19	0
CONTIG-023115	539	296	136	7491	729
CONTIG-023116	177	13	14	61	2
CONTIG-023117	72	4	0	2	0
CONTIG-023118	203	13	81	65	0
CONTIG-023119	390	14	29	110	9
CONTIG-023120	368	10	32	104	6
CONTIG-023121	814	11	2	0	2
CONTIG-023122	59	7	30	0	0
CONTIG-023123	214	8	11	54	0
CONTIG-023124	70	4	4	0	0
CONTIG-023125	135	8	12	15	0

CONTIG-023126	155	9	21	25	0
CONTIG-023128	79	4	6	4	0
CONTIG-023129	564	43	131	1280	2
CONTIG-023135	60	3	6	0	0
CONTIG-023136	44	421	21	108	2
CONTIG-023137	147	9	20	43	0
CONTIG-023138	90	18	55	0	0
CONTIG-023139	787	17	74	388	2
CONTIG-023140	228	9	6	120	0
CONTIG-023141	1550	14	130	695	3
CONTIG-023142	472	23	89	239	0
CONTIG-023143	470	14	12	381	0
CONTIG-023144	417	21	266	197	0
CONTIG-023145	107	5	6	16	0
CONTIG-023146	259	43	90	303	7
CONTIG-023147	91	10	13	22	0
CONTIG-023148	88	10	3	17	0
CONTIG-023149	108	8	5	22	0
CONTIG-023150	243	10	8	83	0
CONTIG-023151	196	14	6	96	2
CONTIG-023153	122	9	16	42	0
CONTIG-023154	74	7	21	11	0
CONTIG-023155	352	6	6	71	0
CONTIG-023157	130	4	2	10	0
CONTIG-023158	212	15	25	110	0
CONTIG-023159	66	8	15	6	0
CONTIG-023160	411	10	91	135	0
CONTIG-023161	207	9	24	40	0
CONTIG-023162	201	11	76	26	0
CONTIG-023163	320	11	18	101	0
CONTIG-023164	515	24	175	573	2
CONTIG-023165	77	13	38	16	0
CONTIG-023166	298	18	30	221	0
CONTIG-023167	224	16	87	93	0
CONTIG-023168	66	3	7	0	0
CONTIG-023169	325	42	284	367	4
CONTIG-023170	198	8	10	40	6
CONTIG-023171	120	4	6	6	0
CONTIG-023172	122	6	22	13	0
CONTIG-023173	648	19	412	418	2
CONTIG-023174	114	6	32	8	0
CONTIG-023175	93	5	3	9	0
CONTIG-023176	109	6	3	18	0
CONTIG-023177	123	4	14	2	0
CONTIG-023178	392	31	71	334	0
CONTIG-023179	295	22	68	177	2
CONTIG-023180	189	9	2	45	0

CONTIG-023181	776	12	45	315	0
CONTIG-023182	149	10	40	20	0
CONTIG-023183	85	4	4	8	0
CONTIG-023184	281	16	17	85	0
CONTIG-023185	175	16	2	102	0
CONTIG-023186	297	21	61	158	4
CONTIG-023188	86	124	403	35	0
CONTIG-023189	351	15	23	170	0
CONTIG-023190	186	76	258	466	0
CONTIG-023191	137	14	65	50	0
CONTIG-023192	479	27	59	309	0
CONTIG-023193	464	12	49	92	2
CONTIG-023194	136	9	17	49	0
CONTIG-023195	532	15	63	227	7
CONTIG-023196	411	9	37	93	2
CONTIG-023197	705	50	69	2154	6
CONTIG-023198	147	5	10	14	0
CONTIG-023199	385	11	24	76	0
CONTIG-023200	101	7	15	9	0
CONTIG-023201	152	93	78	245	16
CONTIG-023202	88	9	21	17	2
CONTIG-023203	881	14	150	327	0
CONTIG-023204	162	4	19	13	0
CONTIG-023205	67	8	3	22	0
CONTIG-023206	286	11	77	77	2
CONTIG-023213	225	19	43	131	0
CONTIG-023214	428	19	34	276	2
CONTIG-023215	104	24	0	0	0
CONTIG-023216	345	7	17	84	0
CONTIG-023218	121	9	0	42	0
CONTIG-023219	113	8	19	6	0
CONTIG-023220	307	12	57	136	0
CONTIG-023221	79	272	58	438	22
CONTIG-023222	142	8	38	21	0
CONTIG-023223	739	37	104	979	36
CONTIG-023224	382	12	20	129	6
CONTIG-023225	86	159	6	594	0
CONTIG-023227	159	9	4	4	0
CONTIG-023228	79	4	2	4	0
CONTIG-023229	382	86	7	13	0
CONTIG-023230	1079	25	96	337	0
CONTIG-023231	98	42	44	195	0
CONTIG-023232	524	52	460	612	15
CONTIG-023233	103	7	2	19	0
CONTIG-023234	61	5	6	0	0
CONTIG-023239	261	7	19	54	0
CONTIG-023240	148	10	56	35	0

CONTIG-023241	657	18	32	347	0
CONTIG-023242	198	26	325	52	0
CONTIG-023243	308	10	12	63	5
CONTIG-023244	112	4	9	6	0
CONTIG-023245	65	4	2	2	0
CONTIG-023246	213	14	66	88	0
CONTIG-023247	70	15	22	29	0
CONTIG-023248	80	6	8	15	0
CONTIG-023249	64	9	22	11	0
CONTIG-023250	118	20	63	73	0
CONTIG-023252	613	17	8	53	0
CONTIG-023253	116	14	22	62	0
CONTIG-023255	305	50	191	380	18
CONTIG-023256	498	42	131	604	16
CONTIG-023257	377	28	181	220	0
CONTIG-023260	478	13	129	149	0
CONTIG-023261	166	5	9	3	0
CONTIG-023262	186	36	112	106	0
CONTIG-023263	648	9	13	280	0
CONTIG-023264	59	4	6	4	0
CONTIG-023265	122	7	45	13	0
CONTIG-023269	87	6	0	20	0
CONTIG-023270	604	15	61	137	5
CONTIG-023271	75	4	0	12	0
CONTIG-023272	116	5	6	4	0
CONTIG-023273	856	17	165	510	4
CONTIG-023276	139	8	0	38	0
CONTIG-023277	63	5	2	7	0
CONTIG-023278	110	9	10	28	0
CONTIG-023279	511	19	83	285	0
CONTIG-023280	65	5	7	6	0
CONTIG-023281	86	8	3	32	0
CONTIG-023282	190	7	24	44	0
CONTIG-023283	58	5	30	0	0
CONTIG-023284	59	9	11	14	0
CONTIG-023285	533	22	73	331	14
CONTIG-023286	84	7	15	2	0
CONTIG-023292	306	9	12	67	0
CONTIG-023293	111	6	2	17	0
CONTIG-023296	240	15	60	135	0
CONTIG-023298	133	8	0	22	0
CONTIG-023299	206	25	51	101	2
CONTIG-023300	223	37	295	139	4
CONTIG-023302	479	21	49	222	10
CONTIG-023303	132	7	5	31	0
CONTIG-023304	93	3	15	0	0
CONTIG-023305	396	12	162	38	0

CONTIG-023306	142	62	31	260	2
CONTIG-023307	443	38	62	941	0
CONTIG-023308	417	13	45	151	2
CONTIG-023309	61	4	5	7	0
CONTIG-023310	741	21	105	340	6
CONTIG-023311	65	4	8	0	0
CONTIG-023312	694	15	192	400	0
CONTIG-023315	137	4	3	20	0
CONTIG-023316	261	15	10	62	2
CONTIG-023317	420	15	21	229	2
CONTIG-023318	379	11	47	161	0
CONTIG-023324	1356	25	296	1252	6
CONTIG-023325	74	4	7	2	0
CONTIG-023328	263	16	122	157	0
CONTIG-023333	405	7	64	57	0
CONTIG-023334	313	10	5	105	0
CONTIG-023335	284	21	108	228	2
CONTIG-023336	660	11	103	193	2
CONTIG-023337	333	21	95	194	2
CONTIG-023338	125	6	19	17	0
CONTIG-023339	139	7	12	36	0
CONTIG-023340	255	20	51	112	2
CONTIG-023341	541	18	41	393	4
CONTIG-023342	317	65	62	1234	0
CONTIG-023343	499	38	62	232	0
CONTIG-023345	64	15	82	10	0
CONTIG-023347	511	18	315	193	4
CONTIG-023348	172	5	15	16	0
CONTIG-023350	191	86	204	568	6
CONTIG-023351	323	189	216	2258	66
CONTIG-023352	447	18	67	259	2
CONTIG-023356	101	11	39	8	0
CONTIG-023357	84	9	73	3	0
CONTIG-023358	71	4	11	4	0
CONTIG-023360	151	16	22	90	0
CONTIG-023361	304	10	34	74	0
CONTIG-023362	1302	24	198	1018	16
CONTIG-023363	328	16	107	117	0
CONTIG-023364	610	45	138	866	41
CONTIG-023365	150	8	16	47	0
CONTIG-023367	613	15	163	226	0
CONTIG-023368	209	13	31	74	4
CONTIG-023369	224	7	14	48	0
CONTIG-023370	200	11	133	27	0
CONTIG-023373	106	13	27	24	0
CONTIG-023374	141	21	64	61	0
CONTIG-023377	254	15	106	102	0

CONTIG-023378	537	15	101	332	0
CONTIG-023379	67	4	4	2	0
CONTIG-023380	873	16	107	326	2
CONTIG-023382	138	13	2	92	0
CONTIG-023384	84	9	2	18	0
CONTIG-023385	204	8	10	60	0
CONTIG-023387	65	7	0	13	0
CONTIG-023388	703	10	26	221	0
CONTIG-023389	190	6	9	35	2
CONTIG-023390	268	26	131	176	7
CONTIG-023391	208	9	28	49	0
CONTIG-023395	1172	24	160	880	41
CONTIG-023396	119	8	2	0	0
CONTIG-023397	91	9	20	16	0
CONTIG-023398	79	87	6	362	0
CONTIG-023399	548	15	69	221	7
CONTIG-023400	138	10	26	36	0
CONTIG-023401	74	3	7	5	0
CONTIG-023402	417	19	36	371	0
CONTIG-023403	1230	19	340	758	10
CONTIG-023404	527	77	0	2	35
CONTIG-023413	158	27	51	32	2
CONTIG-023414	148	8	6	34	0
CONTIG-023421	434	11	32	61	0
CONTIG-023426	46	480	65	251	103
CONTIG-023427	422	19	26	266	0
CONTIG-023429	73	23	30	71	0
CONTIG-023430	60	7	3	17	0
CONTIG-023431	165	7	26	26	0
CONTIG-023432	635	24	109	649	0
CONTIG-023433	814	59	100	3039	0
CONTIG-023434	881	13	69	309	4
CONTIG-023435	59	4	0	10	0
CONTIG-023436	87	9	21	9	0
CONTIG-023438	214	34	50	98	0
CONTIG-023441	192	26	94	84	3
CONTIG-023442	185	15	2	127	0
CONTIG-023443	550	21	160	343	8
CONTIG-023444	1043	13	100	392	2
CONTIG-023445	1377	55	176	4707	0
CONTIG-023446	78	120	473	131	0
CONTIG-023448	199	13	49	62	0
CONTIG-023458	196	100	4	0	0
CONTIG-023459	1870	27	66	2968	2
CONTIG-023460	450	21	26	246	2
CONTIG-023461	81	23	6	36	0
CONTIG-023465	36	2602	319	89	1661

CONTIG-023468	175	11	2	74	0
CONTIG-023469	225	7	9	34	0
CONTIG-023471	87	32	25	114	0
CONTIG-023472	160	7	50	8	0
CONTIG-023473	432	49	17	1010	2
CONTIG-023474	209	13	49	90	0
CONTIG-023475	89	6	4	6	0
CONTIG-023476	63	9	30	0	0
CONTIG-023477	155	7	16	31	0
CONTIG-023478	65	4	8	3	0
CONTIG-023479	97	4	13	2	0
CONTIG-023480	778	22	64	584	0
CONTIG-023482	58	19	27	30	0
CONTIG-023483	471	9	0	82	0
CONTIG-023487	228	30	8	318	0
CONTIG-023488	77	4	2	6	0
CONTIG-023489	267	10	25	108	0
CONTIG-023490	59	10	46	0	0
CONTIG-023491	173	6	0	36	0
CONTIG-023493	180	14	31	56	0
CONTIG-023494	455	13	49	140	2
CONTIG-023495	70	109	23	191	2
CONTIG-023496	393	22	59	294	2
CONTIG-023497	72	5	12	0	0
CONTIG-023498	147	6	30	4	0
CONTIG-023499	241	16	99	90	0
CONTIG-023500	176	5	2	0	4
CONTIG-023501	60	8	30	0	0
CONTIG-023502	304	9	13	40	2
CONTIG-023503	238	12	72	60	0
CONTIG-023504	96	9	6	27	0
CONTIG-023505	279	16	21	221	0
CONTIG-023506	142	13	30	50	0
CONTIG-023507	105	11	9	49	0
CONTIG-023508	82	15	16	2	0
CONTIG-023511	286	66	120	480	7
CONTIG-023512	612	13	95	170	0
CONTIG-023513	110	6	4	16	0
CONTIG-023514	144	5	6	15	0
CONTIG-023515	356	10	9	93	9
CONTIG-023516	77	70	40	29	0
CONTIG-023517	76	51	15	77	0
CONTIG-023518	637	65	111	1707	44
CONTIG-023519	262	48	36	228	0
CONTIG-023520	72	5	0	6	0
CONTIG-023521	92	5	21	7	0
CONTIG-023522	190	6	10	19	0

CONTIG-023523	409	9	67	58	0
CONTIG-023524	315	13	35	107	0
CONTIG-023525	275	13	60	104	0
CONTIG-023526	85	6	7	5	0
CONTIG-023533	75	61	68	71	0
CONTIG-023534	420	17	115	195	6
CONTIG-023535	259	11	12	83	0
CONTIG-023536	345	30	188	469	0
CONTIG-023537	265	8	9	19	0
CONTIG-023538	237	7	2	34	0
CONTIG-023539	63	92	0	287	0
CONTIG-023540	136	17	81	23	0
CONTIG-023541	481	73	298	652	8
CONTIG-023542	940	28	154	887	7
CONTIG-023543	58	6	2	9	0
CONTIG-023544	253	19	24	188	0
CONTIG-023545	622	66	197	2460	2
CONTIG-023546	91	6	18	2	0
CONTIG-023547	133	9	12	34	0
CONTIG-023548	267	18	47	126	2
CONTIG-023549	336	14	86	148	0
CONTIG-023550	133	52	22	240	0
CONTIG-023551	529	15	86	164	6
CONTIG-023552	268	12	15	44	0
CONTIG-023553	123	7	7	23	0
CONTIG-023554	281	51	63	298	0
CONTIG-023556	64	13	10	12	0
CONTIG-023557	751	19	71	265	10
CONTIG-023558	79	5	5	14	0
CONTIG-023559	197	23	113	59	0
CONTIG-023560	707	13	101	353	2
CONTIG-023561	635	19	74	379	2
CONTIG-023565	100	5	13	4	0
CONTIG-023567	161	8	43	13	2
CONTIG-023568	151	23	2	175	0
CONTIG-023569	99	6	9	9	0
CONTIG-023570	265	78	121	1272	0
CONTIG-023571	91	8	8	7	0
CONTIG-023572	62	123	21	19	11
CONTIG-023573	93	6	19	15	0
CONTIG-023574	635	24	102	310	9
CONTIG-023575	203	18	17	111	4
CONTIG-023576	136	10	86	25	0
CONTIG-023577	875	14	17	108	56
CONTIG-023579	108	35	133	11	0
CONTIG-023580	85	4	0	10	0
CONTIG-023581	92	12	43	25	0

CONTIG-023582	124	5	5	25	0
CONTIG-023583	449	25	34	342	15
CONTIG-023586	414	11	24	35	0
CONTIG-023587	104	7	17	22	0
CONTIG-023588	78	635	40	3012	0
CONTIG-023590	545	21	75	379	6
CONTIG-023591	281	63	377	497	4
CONTIG-023592	72	9	3	11	0
CONTIG-023595	49	152	23	227	3
CONTIG-023596	876	26	192	1126	0
CONTIG-023597	89	4	2	0	0
CONTIG-023598	480	43	73	1208	0
CONTIG-023599	530	18	15	0	74
CONTIG-023601	104	15	0	47	0
CONTIG-023602	1921	48	88	4964	6
CONTIG-023603	259	6	9	52	0
CONTIG-023605	76	11	8	22	0
CONTIG-023606	155	6	6	30	2
CONTIG-023607	219	12	10	69	2
CONTIG-023608	51	734	59	942	28
CONTIG-023609	83	7	14	7	0
CONTIG-023610	65	174	47	469	0
CONTIG-023611	133	33	9	105	2
CONTIG-023612	662	10	6	156	2
CONTIG-023613	201	16	58	34	2
CONTIG-023614	97	11	26	13	0
CONTIG-023615	229	16	59	66	0
CONTIG-023617	364	25	56	300	2
CONTIG-023618	175	13	50	49	0
CONTIG-023619	350	14	60	104	0
CONTIG-023620	290	8	16	68	0
CONTIG-023621	252	6	4	53	2
CONTIG-023622	127	4	5	6	0
CONTIG-023623	158	9	25	30	0
CONTIG-023624	64	5	2	8	0
CONTIG-023625	123	7	5	29	0
CONTIG-023626	84	41	169	40	0
CONTIG-023627	376	13	3	145	4
CONTIG-023628	61	14	26	3	13
CONTIG-023629	87	8	2	7	0
CONTIG-023630	398	58	199	1292	0
CONTIG-023631	404	13	35	45	0
CONTIG-023632	872	21	67	571	0
CONTIG-023633	183	10	18	27	0
CONTIG-023634	95	9	11	31	0
CONTIG-023635	978	19	89	200	0
CONTIG-023636	163	6	3	12	0

CONTIG-023637	269	11	52	98	0
CONTIG-023639	305	11	52	93	0
CONTIG-023640	68	6	0	12	0
CONTIG-023641	64	7	10	11	0
CONTIG-023642	46	382	29	416	21
CONTIG-023643	608	18	20	123	2
CONTIG-023645	456	15	4	237	4
CONTIG-023646	318	173	461	1833	33
CONTIG-023647	67	12	19	15	0
CONTIG-023648	248	13	20	126	0
CONTIG-023649	83	4	10	0	0
CONTIG-023650	216	12	57	45	0
CONTIG-023651	105	4	3	9	0
CONTIG-023652	545	124	220	1778	322
CONTIG-023653	44	56	23	62	0
CONTIG-023654	463	10	9	150	0
CONTIG-023655	687	43	380	403	16
CONTIG-023656	583	9	45	142	0
CONTIG-023657	153	11	53	19	0
CONTIG-023658	165	19	40	144	0
CONTIG-023659	83	35	103	0	0
CONTIG-023660	124	5	5	8	0
CONTIG-023662	71	53	103	16	0
CONTIG-023663	181	14	27	71	0
CONTIG-023664	48	22	0	40	0
CONTIG-023665	480	13	44	249	2
CONTIG-023666	935	60	194	409	0
CONTIG-023667	186	8	4	37	0
CONTIG-023668	81	24	18	94	0
CONTIG-023669	164	18	6	93	0
CONTIG-023673	189	17	64	110	0
CONTIG-023674	275	81	0	0	199
CONTIG-023675	677	12	50	195	2
CONTIG-023677	603	39	360	808	9
CONTIG-023678	80	5	0	15	0
CONTIG-023679	767	23	79	684	7
CONTIG-023681	177	8	35	10	0
CONTIG-023682	252	13	73	92	2
CONTIG-023683	301	12	62	134	0
CONTIG-023684	163	8	27	41	2
CONTIG-023686	351	27	152	232	2
CONTIG-023687	128	5	3	22	0
CONTIG-023688	133	12	21	52	0
CONTIG-023689	77	11	55	0	0
CONTIG-023690	173	6	27	14	0
CONTIG-023691	42	44	79	3	2
CONTIG-023692	294	32	84	308	2

CONTIG-023693	233	9	10	39	0
CONTIG-023694	151	9	6	21	0
CONTIG-023695	101	7	21	18	0
CONTIG-023696	877	13	121	332	0
CONTIG-023697	83	4	2	9	0
CONTIG-023698	89	8	54	0	0
CONTIG-023699	546	26	5	2	113
CONTIG-023700	64	5	2	5	0
CONTIG-023701	198	8	14	31	0
CONTIG-023703	176	9	29	10	0
CONTIG-023704	232	12	34	102	0
CONTIG-023709	316	13	52	185	0
CONTIG-023712	108	9	37	20	0
CONTIG-023713	104	14	118	0	0
CONTIG-023715	74	6	2	17	0
CONTIG-023716	1020	18	59	383	4
CONTIG-023717	206	14	30	85	2
CONTIG-023718	636	56	196	1917	0
CONTIG-023719	83	4	2	10	0
CONTIG-023720	363	10	25	109	0
CONTIG-023722	616	23	119	447	8
CONTIG-023723	83	375	163	787	7
CONTIG-023724	433	22	253	52	0
CONTIG-023725	332	12	5	68	15
CONTIG-023726	327	9	19	109	0
CONTIG-023727	87	10	6	8	0
CONTIG-023728	420	31	89	491	8
CONTIG-023729	230	7	10	60	0
CONTIG-023730	67	3	4	0	0
CONTIG-023731	227	10	18	73	2
CONTIG-023732	67	3	10	0	0
CONTIG-023733	270	10	48	18	0
CONTIG-023735	70	10	32	16	0
CONTIG-023736	509	19	26	41	0
CONTIG-023737	89	4	6	9	0
CONTIG-023741	180	5	5	28	2
CONTIG-023742	166	7	47	21	0
CONTIG-023743	296	18	32	191	2
CONTIG-023744	194	13	32	97	0
CONTIG-023745	248	7	15	68	0
CONTIG-023746	353	47	96	683	4
CONTIG-023747	84	4	11	0	0
CONTIG-023756	621	21	50	249	4
CONTIG-023757	567	60	170	618	80
CONTIG-023761	392	16	56	202	0
CONTIG-023762	169	7	53	12	0
CONTIG-023763	161	6	12	23	0

CONTIG-023769	220	9	11	33	2
CONTIG-023770	269	18	86	77	0
CONTIG-023771	614	21	68	442	2
CONTIG-023772	1065	11	73	426	2
CONTIG-023773	151	7	9	15	0
CONTIG-023774	260	7	21	51	0
CONTIG-023778	126	12	2	10	0
CONTIG-023779	58	19	11	10	0
CONTIG-023780	188	5	46	12	0
CONTIG-023781	148	22	41	133	2
CONTIG-023782	100	72	16	186	0
CONTIG-023783	95	8	41	2	0
CONTIG-023786	883	22	187	451	23
CONTIG-023787	67	8	2	10	0
CONTIG-023788	198	49	147	323	5
CONTIG-023790	179	6	0	16	0
CONTIG-023791	450	19	28	481	0
CONTIG-023792	173	12	13	67	0
CONTIG-023793	61	4	0	0	0
CONTIG-023794	74	7	15	2	0
CONTIG-023795	325	9	8	98	2
CONTIG-023797	244	4	2	3	0
CONTIG-023798	176	36	97	131	0
CONTIG-023799	58	22	32	21	0
CONTIG-023800	63	4	3	2	0
CONTIG-023801	157	6	24	7	0
CONTIG-023805	264	15	15	123	0
CONTIG-023806	192	29	48	167	4
CONTIG-023807	84	20	25	12	2
CONTIG-023808	567	14	20	75	2
CONTIG-023809	514	9	49	99	0
CONTIG-023810	114	5	12	9	0
CONTIG-023811	305	6	2	47	0
CONTIG-023812	87	13	9	45	0
CONTIG-023813	86	6	4	5	0
CONTIG-023814	120	5	25	6	0
CONTIG-023815	203	359	295	3871	38
CONTIG-023817	261	8	6	37	0
CONTIG-023821	188	10	3	72	0
CONTIG-023822	773	19	152	299	9
CONTIG-023824	1012	35	190	1608	25
CONTIG-023825	360	25	132	231	3
CONTIG-023826	555	12	38	145	2
CONTIG-023827	79	4	3	11	0
CONTIG-023828	230	11	75	32	0
CONTIG-023829	395	13	74	71	2
CONTIG-023830	172	42	56	244	0

CONTIG-023831	854	23	4	1185	0
CONTIG-023833	65	53	121	2	0
CONTIG-023834	224	7	6	50	0
CONTIG-023835	60	13	5	14	0
CONTIG-023836	67	8	5	21	0
CONTIG-023837	157	4	5	15	2
CONTIG-023838	2537	47	65	4449	205
CONTIG-023839	88	8	16	15	0
CONTIG-023840	274	18	58	108	0
CONTIG-023841	107	9	18	25	0
CONTIG-023843	290	10	59	70	0
CONTIG-023844	123	329	115	2232	0
CONTIG-023845	89	37	6	172	0
CONTIG-023846	1301	30	112	1958	0
CONTIG-023847	350	47	157	143	6
CONTIG-023848	75	7	15	4	0
CONTIG-023849	245	13	21	137	0
CONTIG-023850	100	80	57	123	0
CONTIG-023851	110	35	13	123	0
CONTIG-023853	373	16	152	69	0
CONTIG-023854	671	13	46	217	4
CONTIG-023856	105	10	16	5	3
CONTIG-023858	388	17	159	137	0
CONTIG-023861	519	74	287	628	2
CONTIG-023862	688	42	199	846	16
CONTIG-023863	352	32	28	404	2
CONTIG-023864	143	20	21	115	0
CONTIG-023865	651	18	66	393	0
CONTIG-023866	137	68	98	390	2
CONTIG-023867	396	15	25	277	0
CONTIG-023868	2250	26	203	1717	11
CONTIG-023869	450	30	145	178	2
CONTIG-023873	83	7	2	17	0
CONTIG-023874	280	111	125	1235	94
CONTIG-023877	152	19	46	127	0
CONTIG-023881	68	6	10	9	0
CONTIG-023882	207	13	11	82	2
CONTIG-023883	159	9	7	45	6
CONTIG-023884	63	8	13	7	0
CONTIG-023885	221	5	13	25	0
CONTIG-023886	191	45	310	67	6
CONTIG-023887	74	11	6	21	0
CONTIG-023888	80	25	40	12	0
CONTIG-023889	85	11	0	52	0
CONTIG-023890	308	9	21	70	0
CONTIG-023891	183	6	14	35	0
CONTIG-023892	221	11	14	37	0

CONTIG-023893	118	10	8	47	2
CONTIG-023894	107	25	47	82	0
CONTIG-023897	158	7	7	17	0
CONTIG-023898	154	11	32	59	0
CONTIG-023899	67	2	4	0	0
CONTIG-023900	92	10	9	20	2
CONTIG-023901	310	14	30	172	0
CONTIG-023902	111	385	75	7	0
CONTIG-023903	382	14	42	236	0
CONTIG-023904	721	103	164	2186	113
CONTIG-023905	645	12	82	276	2
CONTIG-023906	646	8	21	142	0
CONTIG-023907	80	28	127	14	0
CONTIG-023909	357	10	16	111	6
CONTIG-023910	106	8	11	29	0
CONTIG-023911	103	11	6	0	0
CONTIG-023917	78	4	0	2	2
CONTIG-023918	60	9	4	8	0
CONTIG-023919	63	5	9	7	0
CONTIG-023920	467	10	34	150	0
CONTIG-023921	202	4	15	2	0
CONTIG-023922	115	13	10	35	0
CONTIG-023923	70	15	5	48	0
CONTIG-023924	96	10	11	24	0
CONTIG-023925	168	8	16	30	0
CONTIG-023926	65	13	10	20	0
CONTIG-023928	158	15	13	36	0
CONTIG-023929	315	36	129	133	2
CONTIG-023930	108	66	116	304	0
CONTIG-023931	173	14	36	130	0
CONTIG-023935	58	3	3	0	0
CONTIG-023946	406	16	81	124	2
CONTIG-023947	1438	20	33	897	36
CONTIG-023948	436	119	27	111	85
CONTIG-023949	262	18	143	158	0
CONTIG-023950	82	10	2	25	0
CONTIG-023951	196	7	17	43	0
CONTIG-023952	203	12	52	33	0
CONTIG-023953	187	14	71	23	0
CONTIG-023954	397	12	25	150	2
CONTIG-023955	846	10	22	414	2
CONTIG-023961	1358	18	85	1086	0
CONTIG-023962	332	13	13	40	2
CONTIG-023963	79	27	28	0	0
CONTIG-023965	90	5	10	12	0
CONTIG-023966	87	7	7	15	0
CONTIG-023967	312	14	35	96	0

CONTIG-023968	60	5	3	12	0
CONTIG-023969	312	10	24	109	0
CONTIG-023970	472	13	54	143	4
CONTIG-023975	97	26	16	24	4
CONTIG-023976	577	11	89	144	2
CONTIG-023977	96	7	0	26	0
CONTIG-023979	126	5	2	25	0
CONTIG-023980	529	27	67	414	37
CONTIG-023981	85	10	2	27	0
CONTIG-023983	130	4	8	21	0
CONTIG-023986	134	7	2	21	0
CONTIG-023987	620	27	131	676	8
CONTIG-023988	286	10	23	90	0
CONTIG-023989	366	7	58	60	0
CONTIG-023990	69	22	60	7	0
CONTIG-023991	122	11	22	44	0
CONTIG-023992	68	48	73	46	0
CONTIG-023994	374	108	303	995	62
CONTIG-023995	159	6	0	12	2
CONTIG-023996	567	13	76	264	0
CONTIG-023997	788	32	113	826	6
CONTIG-024001	62	6	4	8	0
CONTIG-024002	76	7	0	18	0
CONTIG-024003	71	11	22	18	0
CONTIG-024004	44	90	44	35	0
CONTIG-024005	451	15	35	344	2
CONTIG-024006	60	8	0	0	0
CONTIG-024007	86	8	4	0	16
CONTIG-024009	383	20	154	168	2
CONTIG-024010	180	6	19	28	0
CONTIG-024011	69	8	29	10	0
CONTIG-024012	107	8	13	18	0
CONTIG-024013	560	14	11	221	0
CONTIG-024024	263	13	15	23	0
CONTIG-024025	165	7	50	37	0
CONTIG-024026	661	49	136	1550	38
CONTIG-024027	87	3	6	6	0
CONTIG-024028	114	13	20	26	0
CONTIG-024029	519	15	115	291	0
CONTIG-024030	164	6	12	7	0
CONTIG-024031	152	14	48	52	0
CONTIG-024032	131	30	175	110	0
CONTIG-024033	795	18	53	533	6
CONTIG-024039	88	100	55	152	0
CONTIG-024040	86	62	31	25	0
CONTIG-024042	68	9	19	11	0
CONTIG-024043	82	9	32	9	0

CONTIG-024044	201	9	101	14	0
CONTIG-024045	438	19	51	145	2
CONTIG-024046	62	7	4	0	0
CONTIG-024047	104	17	13	59	0
CONTIG-024048	87	8	10	5	0
CONTIG-024049	59	3	9	0	0
CONTIG-024051	251	6	0	20	0
CONTIG-024053	70	2	0	3	0
CONTIG-024055	67	24	13	19	2
CONTIG-024056	126	6	8	11	0
CONTIG-024057	116	8	47	17	0
CONTIG-024058	80	6	5	8	0
CONTIG-024059	294	11	8	44	7
CONTIG-024060	62	4	0	10	0
CONTIG-024061	100	12	50	10	6
CONTIG-024063	112	7	2	28	0
CONTIG-024064	472	27	37	620	0
CONTIG-024065	195	15	61	57	0
CONTIG-024066	738	16	35	534	4
CONTIG-024067	544	16	84	266	5
CONTIG-024068	308	22	140	254	2
CONTIG-024071	426	11	29	135	0
CONTIG-024072	163	8	21	33	0
CONTIG-024073	192	12	10	101	0
CONTIG-024074	276	119	457	967	0
CONTIG-024075	409	26	15	31	0
CONTIG-024078	162	10	18	32	0
CONTIG-024079	83	7	8	11	0
CONTIG-024081	398	43	124	735	4
CONTIG-024082	215	10	17	52	0
CONTIG-024083	413	13	22	129	0
CONTIG-024084	241	9	9	66	0
CONTIG-024085	83	7	16	9	0
CONTIG-024086	183	157	85	1514	0
CONTIG-024087	200	10	45	66	0
CONTIG-024088	96	10	9	13	0
CONTIG-024089	184	38	30	346	0
CONTIG-024090	84	10	9	6	0
CONTIG-024091	79	5	6	12	0
CONTIG-024094	466	17	3	0	68
CONTIG-024095	204	19	29	62	4
CONTIG-024096	350	18	66	229	0
CONTIG-024097	146	7	36	30	0
CONTIG-024098	258	8	31	56	0
CONTIG-024099	100	129	198	390	2
CONTIG-024100	101	12	109	4	0
CONTIG-024101	109	4	4	8	0

CONTIG-024102	67	421	7	0	324
CONTIG-024104	371	12	59	81	0
CONTIG-024105	391	12	40	190	0
CONTIG-024106	565	14	80	231	2
CONTIG-024108	71	6	3	0	0
CONTIG-024109	99	6	11	0	0
CONTIG-024110	236	11	4	100	0
CONTIG-024111	72	6	2	0	0
CONTIG-024112	126	6	13	26	0
CONTIG-024113	519	26	105	388	12
CONTIG-024114	258	10	7	69	0
CONTIG-024115	141	11	19	37	0
CONTIG-024116	513	14	49	230	0
CONTIG-024117	2161	27	214	2113	20
CONTIG-024118	365	22	130	210	0
CONTIG-024119	363	21	144	178	0
CONTIG-024120	800	31	125	657	4
CONTIG-024121	97	17	21	20	2
CONTIG-024122	119	4	0	11	0
CONTIG-024123	104	12	39	34	0
CONTIG-024124	57	33	108	33	0
CONTIG-024125	175	10	4	68	0
CONTIG-024126	171	17	31	10	0
CONTIG-024127	226	9	17	59	0
CONTIG-024128	271	27	138	130	0
CONTIG-024131	791	30	159	705	16
CONTIG-024137	253	12	53	83	2
CONTIG-024138	224	9	34	65	0
CONTIG-024139	269	24	97	283	0
CONTIG-024146	98	6	27	6	0
CONTIG-024147	183	21	39	168	0
CONTIG-024148	242	5	7	23	0
CONTIG-024149	313	11	9	178	0
CONTIG-024150	91	10	11	11	0
CONTIG-024151	98	5	32	0	0
CONTIG-024152	100	5	5	12	0
CONTIG-024153	194	31	101	209	2
CONTIG-024154	46	107	18	175	0
CONTIG-024155	66	7	2	13	0
CONTIG-024156	358	10	37	142	0
CONTIG-024157	465	13	16	122	2
CONTIG-024158	365	29	84	481	4
CONTIG-024159	82	4	2	8	0
CONTIG-024160	1816	43	183	3459	99
CONTIG-024161	43	97	15	86	0
CONTIG-024162	686	21	127	468	5
CONTIG-024163	244	6	4	43	0

CONTIG-024164	80	10	18	19	0
CONTIG-024165	84	6	18	8	0
CONTIG-024166	457	24	57	491	0
CONTIG-024167	139	4	5	17	0
CONTIG-024172	186	11	21	23	0
CONTIG-024173	188	11	5	68	0
CONTIG-024175	67	11	26	5	0
CONTIG-024176	420	10	43	163	0
CONTIG-024177	71	10	37	10	0
CONTIG-024180	355	18	6	174	0
CONTIG-024181	158	6	6	12	0
CONTIG-024182	585	30	188	616	2
CONTIG-024183	187	42	33	369	0
CONTIG-024184	101	27	35	83	2
CONTIG-024185	311	16	56	128	0
CONTIG-024186	299	9	12	34	0
CONTIG-024187	156	21	13	52	0
CONTIG-024188	265	7	2	35	0
CONTIG-024189	394	7	9	85	4
CONTIG-024190	96	7	16	11	2
CONTIG-024191	72	7	10	9	0
CONTIG-024192	36	260	61	322	0
CONTIG-024194	200	26	36	14	0
CONTIG-024195	207	10	26	88	0
CONTIG-024196	195	5	9	17	0
CONTIG-024197	391	15	86	145	0
CONTIG-024198	96	3	14	2	0
CONTIG-024199	76	8	40	2	0
CONTIG-024200	315	11	22	150	0
CONTIG-024201	383	7	19	65	0
CONTIG-024202	200	9	5	54	0
CONTIG-024203	422	14	96	201	0
CONTIG-024204	238	10	28	66	0
CONTIG-024205	555	42	179	817	19
CONTIG-024206	296	7	4	58	0
CONTIG-024207	83	44	10	190	0
CONTIG-024208	42	203	2	153	0
CONTIG-024209	61	4	5	0	0
CONTIG-024210	189	13	10	53	0
CONTIG-024211	153	7	0	36	0
CONTIG-024212	639	45	121	201	0
CONTIG-024213	112	5	0	7	0
CONTIG-024215	161	7	21	38	0
CONTIG-024216	94	12	4	50	0
CONTIG-024217	844	18	141	410	7
CONTIG-024218	76	6	10	5	0
CONTIG-024219	936	10	75	169	15

CONTIG-024220	59	7	6	0	0
CONTIG-024221	992	16	67	575	2
CONTIG-024222	132	14	41	2	0
CONTIG-024223	992	34	101	1660	2
CONTIG-024224	42	1457	22	1381	0
CONTIG-024225	65	7	4	18	2
CONTIG-024226	38	545	21	742	0
CONTIG-024227	139	17	98	5	2
CONTIG-024228	870	16	50	335	15
CONTIG-024229	212	7	13	46	0
CONTIG-024230	81	3	4	0	0
CONTIG-024231	60	5	6	10	0
CONTIG-024232	70	63	180	126	0
CONTIG-024233	388	16	12	17	2
CONTIG-024234	211	9	29	71	0
CONTIG-024235	196	6	15	17	0
CONTIG-024240	64	2	0	0	0
CONTIG-024241	96	33	19	59	0
CONTIG-024242	363	12	71	90	2
CONTIG-024244	61	8	32	4	0
CONTIG-024245	567	20	43	624	0
CONTIG-024248	1027	27	132	530	18
CONTIG-024251	821	18	135	349	9
CONTIG-024252	435	21	99	169	0
CONTIG-024253	140	6	2	14	0
CONTIG-024254	875	34	156	92	0
CONTIG-024255	107	7	16	20	0
CONTIG-024256	501	20	49	291	5
CONTIG-024257	270	19	92	93	2
CONTIG-024258	81	6	12	12	0
CONTIG-024259	631	27	117	852	2
CONTIG-024260	827	28	104	320	54
CONTIG-024261	83	6	13	15	0
CONTIG-024262	152	100	323	462	37
CONTIG-024263	109	3	0	6	0
CONTIG-024266	82	10	17	14	0
CONTIG-024267	881	37	256	1404	0
CONTIG-024268	2017	47	428	5459	4
CONTIG-024269	123	5	13	8	2
CONTIG-024270	247	15	10	10	0
CONTIG-024271	251	29	34	89	0
CONTIG-024272	262	20	14	42	0
CONTIG-024273	924	14	109	351	2
CONTIG-024274	782	11	127	283	0
CONTIG-024275	83	13	4	25	0
CONTIG-024276	60	27	39	13	0
CONTIG-024283	53	41	47	57	4

CONTIG-024284	181	10	8	43	0
CONTIG-024289	195	19	181	72	0
CONTIG-024290	129	4	3	9	0
CONTIG-024292	287	17	48	141	5
CONTIG-024295	411	8	19	88	0
CONTIG-024296	215	14	11	86	0
CONTIG-024297	475	16	57	214	0
CONTIG-024298	821	23	30	512	48
CONTIG-024302	141	6	4	19	0
CONTIG-024303	68	5	8	2	0
CONTIG-024304	79	3	3	0	0
CONTIG-024305	163	10	10	47	4
CONTIG-024306	85	37	21	133	0
CONTIG-024307	350	15	261	63	0
CONTIG-024308	86	7	10	12	0
CONTIG-024309	77	6	4	2	0
CONTIG-024310	276	11	21	74	0
CONTIG-024311	101	10	9	12	0
CONTIG-024312	339	14	60	123	2
CONTIG-024313	322	25	38	200	6
CONTIG-024314	1219	50	5	1346	365
CONTIG-024315	484	24	46	451	4
CONTIG-024316	92	632	166	2224	48
CONTIG-024320	65	9	21	2	0
CONTIG-024321	453	15	9	147	0
CONTIG-024323	108	9	6	25	0
CONTIG-024325	192	10	2	56	0
CONTIG-024326	75	15	9	2	0
CONTIG-024327	149	13	8	45	2
CONTIG-024328	411	10	8	142	0
CONTIG-024329	61	7	11	2	0
CONTIG-024330	99	25	31	59	0
CONTIG-024331	78	3	2	2	0
CONTIG-024332	284	13	30	75	2
CONTIG-024333	83	36	11	115	0
CONTIG-024334	98	5	18	2	0
CONTIG-024335	763	27	100	838	2
CONTIG-024336	106	5	0	16	0
CONTIG-024337	85	6	13	12	0
CONTIG-024338	297	11	20	102	0
CONTIG-024339	271	6	21	30	0
CONTIG-024340	206	8	8	45	2
CONTIG-024341	890	15	248	323	8
CONTIG-024342	88	15	11	10	0
CONTIG-024343	588	15	54	232	8
CONTIG-024344	117	10	13	34	0
CONTIG-024345	288	7	0	52	0

CONTIG-024346	105	12	51	20	0
CONTIG-024348	210	19	72	117	0
CONTIG-024349	61	10	32	10	0
CONTIG-024351	310	14	11	99	2
CONTIG-024353	112	7	2	40	0
CONTIG-024357	183	13	37	61	0
CONTIG-024358	181	5	12	20	0
CONTIG-024359	85	13	4	44	0
CONTIG-024360	59	10	11	12	0
CONTIG-024361	86	9	33	10	0
CONTIG-024362	89	7	25	23	0
CONTIG-024363	112	4	2	6	0
CONTIG-024364	114	7	17	6	0
CONTIG-024365	930	30	153	711	51
CONTIG-024366	121	6	0	27	0
CONTIG-024367	549	30	161	357	9
CONTIG-024368	558	24	84	366	6
CONTIG-024369	1566	32	276	1761	37
CONTIG-024370	246	22	49	155	3
CONTIG-024371	464	11	60	100	0
CONTIG-024372	468	29	9	0	116
CONTIG-024373	216	16	19	30	0
CONTIG-024374	75	7	7	13	0
CONTIG-024375	865	28	55	848	0
CONTIG-024376	60	4	0	9	0
CONTIG-024378	44	84	0	52	0
CONTIG-024379	201	7	18	34	0
CONTIG-024380	113	7	11	32	0
CONTIG-024381	170	4	2	13	0
CONTIG-024382	122	19	25	101	0
CONTIG-024383	262	11	49	116	0
CONTIG-024384	67	8	2	25	0
CONTIG-024385	365	10	18	115	0
CONTIG-024386	186	6	19	24	6
CONTIG-024387	346	10	147	74	0
CONTIG-024388	967	20	68	718	6
CONTIG-024390	115	11	110	11	0
CONTIG-024391	72	4	3	0	0
CONTIG-024392	292	10	0	26	0
CONTIG-024393	345	7	42	60	0
CONTIG-024394	748	15	29	138	0
CONTIG-024397	167	6	22	16	0
CONTIG-024398	111	6	11	16	0
CONTIG-024399	126	6	14	35	0
CONTIG-024400	254	13	17	7	0
CONTIG-024402	97	4	21	6	0
CONTIG-024403	75	11	6	25	0

CONTIG-024404	101	9	5	32	0
CONTIG-024405	138	21	9	91	0
CONTIG-024417	77	728	72	2273	29
CONTIG-024418	273	13	29	68	0
CONTIG-024419	70	3	0	0	0
CONTIG-024420	71	5	0	7	0
CONTIG-024421	82	9	21	18	0
CONTIG-024422	221	481	57	14	0
CONTIG-024423	134	6	9	21	0
CONTIG-024430	105	5	8	12	0
CONTIG-024431	174	9	6	68	0
CONTIG-024432	103	6	8	25	2
CONTIG-024433	70	6	9	5	0
CONTIG-024434	240	6	3	40	0
CONTIG-024435	511	12	33	254	8
CONTIG-024436	384	114	249	1039	49
CONTIG-024437	98	8	9	29	0
CONTIG-024438	68	21	64	6	0
CONTIG-024439	343	17	63	240	2
CONTIG-024442	228	6	0	48	0
CONTIG-024444	485	18	48	387	0
CONTIG-024445	62	3	3	2	0
CONTIG-024446	211	11	10	41	2
CONTIG-024447	385	20	55	247	6
CONTIG-024448	61	3	0	6	0
CONTIG-024449	244	11	13	126	0
CONTIG-024450	111	9	41	11	2
CONTIG-024455	94	3	2	4	0
CONTIG-024456	180	11	48	51	0
CONTIG-024457	111	8	38	12	0
CONTIG-024458	237	6	15	44	2
CONTIG-024459	405	21	19	215	2
CONTIG-024460	175	15	7	99	0
CONTIG-024461	359	5	2	46	2
CONTIG-024462	179	6	2	20	0
CONTIG-024463	683	11	30	213	2
CONTIG-024464	668	11	31	198	0
CONTIG-024465	77	46	119	5	0
CONTIG-024466	204	8	31	55	0
CONTIG-024467	79	14	30	5	0
CONTIG-024468	512	17	182	287	0
CONTIG-024469	217	7	24	42	0
CONTIG-024470	99	13	37	10	0
CONTIG-024471	114	5	4	9	0
CONTIG-024472	302	10	19	112	0
CONTIG-024473	453	13	20	220	0
CONTIG-024474	209	4	8	22	0

CONTIG-024475	71	5	7	8	0
CONTIG-024476	343	48	197	432	0
CONTIG-024477	419	8	6	98	2
CONTIG-024478	428	15	17	309	0
CONTIG-024479	72	5	5	10	0
CONTIG-024480	130	7	21	14	0
CONTIG-024481	168	7	9	32	0
CONTIG-024482	63	6	9	2	0
CONTIG-024483	766	18	94	791	0
CONTIG-024484	459	18	37	277	4
CONTIG-024485	267	9	22	6	4
CONTIG-024486	141	72	78	494	2
CONTIG-024487	124	8	26	20	0
CONTIG-024488	1084	16	35	726	4
CONTIG-024489	252	18	209	104	0
CONTIG-024490	156	16	138	26	0
CONTIG-024498	172	6	16	24	0
CONTIG-024499	133	12	41	25	0
CONTIG-024500	264	18	35	16	0
CONTIG-024509	118	17	17	14	0
CONTIG-024510	488	36	34	555	31
CONTIG-024511	259	52	146	183	15
CONTIG-024512	65	14	58	14	0
CONTIG-024513	818	13	14	601	0
CONTIG-024514	462	13	14	64	0
CONTIG-024515	325	12	32	95	0
CONTIG-024516	328	12	28	71	0
CONTIG-024517	73	14	19	24	2
CONTIG-024518	101	9	6	34	0
CONTIG-024520	827	49	217	689	14
CONTIG-024521	362	29	0	0	146
CONTIG-024522	273	8	28	105	0
CONTIG-024523	373	14	59	163	0
CONTIG-024524	121	21	8	25	0
CONTIG-024525	248	10	16	41	0
CONTIG-024526	84	4	3	5	0
CONTIG-024527	439	19	92	246	0
CONTIG-024528	158	15	15	112	0
CONTIG-024529	222	18	40	128	4
CONTIG-024530	294	10	53	63	0
CONTIG-024531	100	12	29	21	0
CONTIG-024532	66	4	2	3	0
CONTIG-024533	197	8	5	32	0
CONTIG-024534	1024	23	89	893	2
CONTIG-024535	82	6	7	18	0
CONTIG-024536	241	12	11	104	0
CONTIG-024537	66	6	19	0	0

CONTIG-024538	120	16	33	62	0
CONTIG-024539	71	5	7	3	0
CONTIG-024540	496	17	79	233	2
CONTIG-024541	300	10	9	70	0
CONTIG-024542	214	6	7	30	0
CONTIG-024543	415	17	121	131	4
CONTIG-024544	313	15	50	130	7
CONTIG-024545	1369	31	183	1171	76
CONTIG-024546	118	100	77	147	326
CONTIG-024547	60	7	5	10	0
CONTIG-024548	83	76	160	60	0
CONTIG-024549	348	8	31	79	0
CONTIG-024550	525	13	139	87	4
CONTIG-024551	513	23	100	481	2
CONTIG-024552	74	6	10	8	0
CONTIG-024553	111	11	9	19	0
CONTIG-024554	303	9	44	30	0
CONTIG-024555	110	6	3	18	0
CONTIG-024556	395	21	27	118	2
CONTIG-024557	59	3	5	0	0
CONTIG-024559	66	40	74	10	0
CONTIG-024560	72	4	4	0	3
CONTIG-024561	87	28	32	66	0
CONTIG-024562	392	15	81	196	0
CONTIG-024563	190	27	32	300	0
CONTIG-024564	66	17	9	48	0
CONTIG-024565	350	16	87	93	2
CONTIG-024566	216	26	129	159	0
CONTIG-024567	427	15	128	172	2
CONTIG-024568	340	7	6	44	0
CONTIG-024569	241	13	74	79	0
CONTIG-024570	67	6	3	0	0
CONTIG-024571	565	16	88	398	2
CONTIG-024572	535	15	7	23	0
CONTIG-024573	121	42	17	282	0
CONTIG-024574	237	25	37	189	4
CONTIG-024576	82	14	2	55	0
CONTIG-024577	591	123	56	3645	10
CONTIG-024578	253	15	20	127	0
CONTIG-024579	125	5	15	14	0
CONTIG-024580	122	11	45	21	0
CONTIG-024582	102	21	146	20	0
CONTIG-024583	477	13	36	179	0
CONTIG-024584	334	15	16	194	0
CONTIG-024585	86	4	2	6	0
CONTIG-024588	85	11	84	2	0
CONTIG-024591	192	35	109	258	0

CONTIG-024592	347	28	47	110	9
CONTIG-024593	201	8	21	21	0
CONTIG-024594	260	9	13	70	0
CONTIG-024595	1211	26	100	1802	0
CONTIG-024596	936	71	72	37	0
CONTIG-024597	144	99	36	611	0
CONTIG-024598	58	28	12	21	2
CONTIG-024599	102	16	24	23	0
CONTIG-024600	79	27	49	31	0
CONTIG-024601	87	12	3	33	0
CONTIG-024602	118	16	54	36	0
CONTIG-024603	222	15	5	25	0
CONTIG-024604	399	10	45	129	2
CONTIG-024605	915	27	64	43	0
CONTIG-024606	249	13	24	56	0
CONTIG-024607	143	13	36	77	0
CONTIG-024608	59	7	3	16	0
CONTIG-024609	379	36	28	245	0
CONTIG-024610	87	49	17	122	0
CONTIG-024611	784	14	47	333	6
CONTIG-024612	219	15	7	140	0
CONTIG-024613	131	11	11	43	0
CONTIG-024614	319	20	39	279	0
CONTIG-024615	71	30	28	65	2
CONTIG-024616	57	74	40	127	0
CONTIG-024617	89	5	14	16	0
CONTIG-024618	138	5	4	11	0
CONTIG-024619	65	19	64	8	0
CONTIG-024620	58	10	22	12	0
CONTIG-024621	399	29	349	270	0
CONTIG-024622	263	11	18	94	2
CONTIG-024623	328	14	75	42	0
CONTIG-024624	313	10	46	49	0
CONTIG-024625	567	34	83	342	26
CONTIG-024626	135	7	28	0	0
CONTIG-024627	61	7	5	0	0
CONTIG-024628	269	13	7	179	0
CONTIG-024629	274	21	86	82	0
CONTIG-024630	125	11	2	35	0
CONTIG-024631	732	27	80	1091	2
CONTIG-024632	168	3	2	9	0
CONTIG-024633	303	11	17	108	0
CONTIG-024635	97	51	52	281	0
CONTIG-024636	193	15	14	102	0
CONTIG-024637	338	11	15	72	0
CONTIG-024638	123	14	99	32	0
CONTIG-024642	276	137	65	844	128

CONTIG-024643	295	14	36	101	0
CONTIG-024644	122	6	0	14	0
CONTIG-024645	911	28	198	932	6
CONTIG-024647	147	165	144	1126	0
CONTIG-024648	355	27	191	274	0
CONTIG-024650	199	17	23	134	0
CONTIG-024651	385	11	9	98	0
CONTIG-024652	88	5	13	8	0
CONTIG-024653	626	16	23	225	4
CONTIG-024655	133	11	8	54	0
CONTIG-024656	128	6	27	13	0
CONTIG-024661	148	9	12	51	0
CONTIG-024662	85	6	4	8	0
CONTIG-024663	111	13	2	9	0
CONTIG-024664	158	3	6	4	0
CONTIG-024665	697	11	131	203	0
CONTIG-024666	323	17	13	106	20
CONTIG-024667	313	12	39	139	0
CONTIG-024668	115	10	30	2	0
CONTIG-024669	181	18	105	44	0
CONTIG-024670	437	17	26	225	13
CONTIG-024671	204	10	7	48	0
CONTIG-024672	68	25	107	22	0
CONTIG-024673	243	13	133	36	0
CONTIG-024674	136	21	25	72	0
CONTIG-024675	230	9	36	33	0
CONTIG-024676	65	6	3	11	0
CONTIG-024677	164	15	20	26	0
CONTIG-024678	372	15	22	182	0
CONTIG-024683	165	38	60	236	0
CONTIG-024684	560	9	32	203	0
CONTIG-024686	67	5	4	7	0
CONTIG-024688	226	5	4	27	0
CONTIG-024689	67	6	17	6	0
CONTIG-024690	383	32	397	353	0
CONTIG-024691	673	10	16	181	10
CONTIG-024693	199	7	32	29	0
CONTIG-024694	76	5	4	4	0
CONTIG-024695	95	6	19	2	0
CONTIG-024696	507	11	13	145	0
CONTIG-024697	375	13	57	123	0
CONTIG-024698	428	11	84	133	0
CONTIG-024699	149	15	33	60	0
CONTIG-024700	340	14	7	265	0
CONTIG-024701	123	5	2	13	0
CONTIG-024702	87	10	12	23	0
CONTIG-024703	208	21	41	140	2

CONTIG-024704	197	10	31	34	2
CONTIG-024705	407	10	16	90	3
CONTIG-024706	286	14	31	168	0
CONTIG-024707	433	9	34	124	2
CONTIG-024708	64	5	6	2	0
CONTIG-024709	329	20	50	262	0
CONTIG-024712	339	14	4	0	2
CONTIG-024713	410	22	25	280	0
CONTIG-024714	62	7	10	7	0
CONTIG-024715	79	6	9	0	0
CONTIG-024716	68	69	63	82	0
CONTIG-024717	65	6	3	5	0
CONTIG-024718	178	7	15	8	0
CONTIG-024719	547	17	7	205	0
CONTIG-024720	210	10	14	43	0
CONTIG-024721	788	11	32	325	0
CONTIG-024722	120	13	14	19	0
CONTIG-024723	156	11	28	51	2
CONTIG-024724	99	8	2	38	0
CONTIG-024725	134	77	103	378	2
CONTIG-024726	1511	28	94	2335	0
CONTIG-024727	442	20	35	180	12
CONTIG-024728	229	26	59	186	0
CONTIG-024729	211	10	24	89	0
CONTIG-024730	71	3	5	2	0
CONTIG-024731	194	11	11	68	0
CONTIG-024732	112	6	0	25	0
CONTIG-024733	569	104	339	1739	21
CONTIG-024734	69	3	4	4	0
CONTIG-024735	240	12	83	52	0
CONTIG-024736	63	5	0	11	0
CONTIG-024737	73	5	4	2	0
CONTIG-024738	623	13	48	274	2
CONTIG-024739	607	22	193	611	0
CONTIG-024740	132	447	194	2133	347
CONTIG-024741	898	15	101	299	2
CONTIG-024743	72	67	119	39	0
CONTIG-024744	201	12	7	81	0
CONTIG-024745	153	11	16	65	0
CONTIG-024746	59	4	12	0	0
CONTIG-024749	582	66	7	0	4
CONTIG-024751	137	273	171	227	9
CONTIG-024752	110	4	7	12	0
CONTIG-024755	80	5	6	18	0
CONTIG-024756	214	9	13	55	0
CONTIG-024757	83	8	9	24	0
CONTIG-024760	251	18	43	87	0

CONTIG-024761	467	30	24	875	0
CONTIG-024762	76	9	28	6	0
CONTIG-024763	98	3	9	0	0
CONTIG-024764	64	17	9	31	0
CONTIG-024766	511	15	34	234	0
CONTIG-024767	268	15	77	179	0
CONTIG-024768	93	9	36	13	0
CONTIG-024769	82	11	11	24	0
CONTIG-024771	60	7	13	12	0
CONTIG-024772	189	28	162	47	0
CONTIG-024773	68	100	142	9	0
CONTIG-024774	465	15	82	253	2
CONTIG-024775	1423	17	102	997	2
CONTIG-024776	77	11	7	27	0
CONTIG-024777	762	21	29	468	15
CONTIG-024778	321	10	48	113	0
CONTIG-024779	296	16	15	158	4
CONTIG-024780	128	7	25	6	0
CONTIG-024783	158	9	20	35	0
CONTIG-024784	466	34	285	810	0
CONTIG-024785	231	26	139	193	0
CONTIG-024791	70	353	58	487	11
CONTIG-024793	69	340	74	702	0
CONTIG-024794	139	20	70	11	0
CONTIG-024795	70	6	20	2	0
CONTIG-024796	325	13	4	106	0
CONTIG-024798	155	6	9	15	2
CONTIG-024799	289	15	99	76	2
CONTIG-024800	81	7	6	12	0
CONTIG-024805	970	37	122	772	26
CONTIG-024806	64	5	2	6	0
CONTIG-024807	188	9	4	63	3
CONTIG-024809	228	9	6	84	0
CONTIG-024810	372	27	93	300	2
CONTIG-024811	94	7	19	19	0
CONTIG-024812	449	41	75	1027	2
CONTIG-024813	59	2	0	4	0
CONTIG-024814	293	14	107	92	0
CONTIG-024815	59	24	138	0	0
CONTIG-024816	76	8	3	12	2
CONTIG-024818	298	11	6	98	2
CONTIG-024819	148	26	88	121	0
CONTIG-024820	176	9	46	47	0
CONTIG-024821	139	9	16	48	0
CONTIG-024822	1047	17	58	976	0
CONTIG-024823	1127	51	160	2374	0
CONTIG-024824	497	25	86	377	0

CONTIG-024825	63	6	0	2	0
CONTIG-024826	58	5	14	0	0
CONTIG-024836	48	21	16	0	0
CONTIG-024837	1599	20	26	1146	8
CONTIG-024838	114	28	49	85	2
CONTIG-024839	76	8	15	9	0
CONTIG-024840	80	12	47	16	0
CONTIG-024841	65	5	11	0	0
CONTIG-024843	197	10	20	36	2
CONTIG-024844	165	7	19	25	0
CONTIG-024845	72	21	55	32	0
CONTIG-024846	88	6	6	8	0
CONTIG-024847	76	5	2	7	0
CONTIG-024848	497	14	62	185	0
CONTIG-024849	110	4	5	0	0
CONTIG-024857	235	6	26	47	0
CONTIG-024858	243	38	15	128	0
CONTIG-024859	38	849	0	0	11
CONTIG-024860	175	8	7	35	0
CONTIG-024861	800	40	218	1330	7
CONTIG-024863	147	3	2	12	0
CONTIG-024864	273	10	19	42	2
CONTIG-024865	680	18	174	252	12
CONTIG-024866	95	101	139	371	5
CONTIG-024867	37	164	31	228	0
CONTIG-024868	159	6	26	14	0
CONTIG-024869	125	355	82	1893	0
CONTIG-024871	244	14	76	74	0
CONTIG-024872	64	4	4	0	0
CONTIG-024873	186	14	3	105	0
CONTIG-024874	279	8	37	66	0
CONTIG-024875	155	26	251	37	0
CONTIG-024876	67	6	10	9	0
CONTIG-024878	713	13	11	286	2
CONTIG-024879	1065	10	41	333	0
CONTIG-024880	479	21	52	169	0
CONTIG-024881	146	3	0	16	0
CONTIG-024886	87	6	13	5	0
CONTIG-024887	130	10	19	56	0
CONTIG-024888	98	13	17	42	0
CONTIG-024890	145	11	68	38	0
CONTIG-024891	337	9	5	80	2
CONTIG-024892	217	13	74	53	0
CONTIG-024893	95	6	38	0	0
CONTIG-024894	120	4	2	14	0
CONTIG-024895	362	8	9	72	0
CONTIG-024896	145	22	10	101	0

CONTIG-024897	293	10	23	95	0
CONTIG-024898	320	6	21	43	0
CONTIG-024899	198	16	20	77	4
CONTIG-024900	308	10	14	117	0
CONTIG-024901	71	7	15	5	0
CONTIG-024902	129	8	8	13	0
CONTIG-024903	349	10	16	146	2
CONTIG-024904	156	14	12	48	2
CONTIG-024905	314	18	13	100	8
CONTIG-024907	299	10	2	12	0
CONTIG-024908	85	8	0	14	0
CONTIG-024914	194	7	13	28	0
CONTIG-024916	419	15	95	128	0
CONTIG-024917	203	46	43	154	2
CONTIG-024918	621	35	16	902	20
CONTIG-024919	58	12	0	22	0
CONTIG-024920	87	10	92	0	0
CONTIG-024921	192	38	97	313	2
CONTIG-024922	463	21	62	447	6
CONTIG-024923	373	23	19	88	0
CONTIG-024924	719	24	120	586	9
CONTIG-024925	372	14	33	133	2
CONTIG-024926	336	6	17	62	2
CONTIG-024928	179	5	13	16	0
CONTIG-024929	120	8	16	32	0
CONTIG-024935	323	22	42	213	7
CONTIG-024936	208	9	10	17	0
CONTIG-024937	377	9	38	64	0
CONTIG-024938	153	10	5	48	0
CONTIG-024939	549	15	89	261	0
CONTIG-024940	575	19	38	468	2
CONTIG-024941	292	21	131	141	0
CONTIG-024942	152	8	19	16	0
CONTIG-024943	125	10	54	15	0
CONTIG-024944	215	10	40	37	0
CONTIG-024945	260	6	16	42	0
CONTIG-024948	203	11	8	76	4
CONTIG-024949	148	18	90	62	0
CONTIG-024950	747	40	198	1055	12
CONTIG-024951	101	5	20	7	0
CONTIG-024952	257	154	57	513	104
CONTIG-024953	134	8	7	27	0
CONTIG-024954	123	12	23	6	0
CONTIG-024956	56	279	10	435	0
CONTIG-024957	164	12	55	31	0
CONTIG-024960	60	5	13	0	0
CONTIG-024961	1209	36	135	944	68

CONTIG-024962	218	15	56	77	0
CONTIG-024963	224	20	48	30	0
CONTIG-024964	229	15	18	149	0
CONTIG-024965	67	7	51	0	0
CONTIG-024968	299	13	43	132	0
CONTIG-024969	163	5	7	2	0
CONTIG-024970	361	9	102	108	0
CONTIG-024971	965	16	268	441	0
CONTIG-024972	228	21	51	151	0
CONTIG-024973	896	13	37	356	11
CONTIG-024974	148	6	10	37	0
CONTIG-024975	142	13	14	66	0
CONTIG-024976	486	23	150	319	2
CONTIG-024983	90	9	14	27	0
CONTIG-024984	77	3	0	8	0
CONTIG-024985	78	4	6	3	0
CONTIG-024986	59	2	2	4	0
CONTIG-024987	141	350	98	2144	66
CONTIG-024988	93	7	11	15	0
CONTIG-024989	1009	18	313	516	0
CONTIG-024990	415	7	79	52	4
CONTIG-024991	114	371	272	1317	4
CONTIG-024992	136	51	476	93	0
CONTIG-024993	355	240	386	5569	2
CONTIG-024994	320	26	32	431	0
CONTIG-024995	350	12	67	61	2
CONTIG-024996	74	9	4	20	0
CONTIG-024997	294	11	16	116	0
CONTIG-025001	207	16	24	13	0
CONTIG-025002	82	4	0	0	0
CONTIG-025004	885	17	59	549	0
CONTIG-025008	588	19	30	433	0
CONTIG-025009	68	7	4	9	0
CONTIG-025010	150	6	0	25	0
CONTIG-025011	512	27	43	752	0
CONTIG-025012	265	15	81	120	0
CONTIG-025014	132	5	4	21	2
CONTIG-025015	372	28	119	441	2
CONTIG-025018	596	20	29	467	4
CONTIG-025019	117	9	2	33	0
CONTIG-025020	241	7	24	69	0
CONTIG-025021	151	6	19	25	0
CONTIG-025022	601	17	159	291	6
CONTIG-025023	71	12	25	5	0
CONTIG-025024	113	6	14	21	0
CONTIG-025025	74	3	0	5	0
CONTIG-025026	804	17	51	458	4

CONTIG-025027	368	16	144	68	2
CONTIG-025028	633	23	46	646	5
CONTIG-025029	117	5	9	0	0
CONTIG-025030	77	16	6	48	0
CONTIG-025031	733	11	136	242	0
CONTIG-025032	58	7	16	13	0
CONTIG-025033	584	15	74	186	0
CONTIG-025035	101	261	485	450	39
CONTIG-025036	76	8	4	23	0
CONTIG-025037	168	5	5	15	0
CONTIG-025038	92	20	2	0	0
CONTIG-025041	369	19	235	39	12
CONTIG-025042	275	8	2	0	9
CONTIG-025043	196	9	9	46	0
CONTIG-025044	220	12	21	64	0
CONTIG-025045	64	5	5	12	0
CONTIG-025046	72	9	39	0	0
CONTIG-025047	729	22	184	472	13
CONTIG-025048	266	29	98	321	2
CONTIG-025049	60	4	19	0	0
CONTIG-025050	36	152	39	107	0
CONTIG-025051	90	10	0	8	0
CONTIG-025052	106	714	361	1422	20
CONTIG-025053	367	6	5	97	0
CONTIG-025054	382	10	2	122	0
CONTIG-025056	542	12	19	185	4
CONTIG-025057	256	9	10	66	0
CONTIG-025058	783	16	51	484	0
CONTIG-025059	84	8	20	4	0
CONTIG-025060	554	22	39	429	4
CONTIG-025061	87	8	31	4	0
CONTIG-025062	113	6	5	10	0
CONTIG-025063	210	12	10	34	2
CONTIG-025064	186	18	124	37	0
CONTIG-025065	177	13	2	59	0
CONTIG-025068	192	10	63	20	0
CONTIG-025069	184	13	32	23	0
CONTIG-025070	112	4	27	6	0
CONTIG-025072	467	88	0	0	661
CONTIG-025073	70	3	4	3	0
CONTIG-025074	114	6	35	6	0
CONTIG-025078	136	18	25	93	0
CONTIG-025079	118	5	3	21	0
CONTIG-025080	129	7	44	11	0
CONTIG-025081	71	5	18	3	0
CONTIG-025083	354	7	7	76	0
CONTIG-025084	70	16	39	21	0

CONTIG-025085	347	20	43	306	0
CONTIG-025087	140	27	109	36	0
CONTIG-025088	436	25	123	238	10
CONTIG-025089	80	10	10	18	0
CONTIG-025090	194	12	59	67	0
CONTIG-025094	81	7	23	2	0
CONTIG-025096	132	4	14	19	0
CONTIG-025097	394	13	28	154	2
CONTIG-025098	162	21	56	99	0
CONTIG-025099	203	16	82	57	0
CONTIG-025100	77	5	9	6	0
CONTIG-025101	253	34	169	160	2
CONTIG-025104	103	9	33	21	0
CONTIG-025105	766	23	75	713	2
CONTIG-025109	69	12	3	15	0
CONTIG-025110	444	11	15	134	2
CONTIG-025111	105	9	11	27	0
CONTIG-025118	102	11	19	22	0
CONTIG-025119	75	4	10	4	0
CONTIG-025120	311	37	37	474	0
CONTIG-025121	679	11	2	84	0
CONTIG-025122	251	13	23	84	0
CONTIG-025123	250	12	17	44	8
CONTIG-025124	642	10	38	170	0
CONTIG-025125	101	6	4	7	0
CONTIG-025128	72	9	21	13	0
CONTIG-025129	135	27	48	130	0
CONTIG-025130	141	9	27	2	0
CONTIG-025131	125	11	21	46	0
CONTIG-025132	321	30	21	308	0
CONTIG-025133	583	27	146	663	0
CONTIG-025134	725	43	226	2	1125
CONTIG-025135	321	10	16	108	0
CONTIG-025136	155	7	15	20	0
CONTIG-025137	854	25	56	929	26
CONTIG-025138	79	3	0	6	0
CONTIG-025139	1162	42	89	2686	0
CONTIG-025141	96	27	71	27	0
CONTIG-025142	125	7	8	21	0
CONTIG-025143	100	11	18	18	0
CONTIG-025144	434	11	27	165	2
CONTIG-025145	123	17	26	46	0
CONTIG-025146	950	36	80	1939	16
CONTIG-025147	103	15	12	69	0
CONTIG-025148	268	9	8	47	2
CONTIG-025149	666	25	100	562	8
CONTIG-025153	75	168	36	0	2

CONTIG-025154	234	7	35	46	0
CONTIG-025155	196	9	2	52	0
CONTIG-025156	283	22	83	125	0
CONTIG-025157	40	15	0	11	0
CONTIG-025158	138	8	15	12	0
CONTIG-025159	313	35	23	627	0
CONTIG-025160	199	46	47	238	24
CONTIG-025161	244	11	44	69	0
CONTIG-025162	151	8	21	35	0
CONTIG-025163	166	55	208	0	110
CONTIG-025164	400	13	30	175	0
CONTIG-025165	114	9	2	45	0
CONTIG-025167	125	7	4	24	0
CONTIG-025175	220	12	9	117	0
CONTIG-025176	458	32	293	240	2
CONTIG-025177	293	10	15	75	3
CONTIG-025178	74	4	6	5	0
CONTIG-025179	85	24	54	41	0
CONTIG-025186	480	13	49	233	2
CONTIG-025187	77	6	10	11	0
CONTIG-025188	210	7	20	16	0
CONTIG-025189	146	8	18	28	0
CONTIG-025190	140	7	5	22	0
CONTIG-025191	97	4	4	13	0
CONTIG-025192	203	26	57	164	3
CONTIG-025193	69	15	4	46	0
CONTIG-025194	39	231	38	306	0
CONTIG-025195	195	7	53	26	0
CONTIG-025198	269	13	2	191	0
CONTIG-025199	201	10	9	78	0
CONTIG-025200	480	17	12	0	15
CONTIG-025201	59	6	3	3	0
CONTIG-025202	103	29	45	82	4
CONTIG-025203	191	7	23	42	0
CONTIG-025204	232	6	15	39	0
CONTIG-025205	380	12	87	137	0
CONTIG-025206	61	14	65	12	0
CONTIG-025207	265	9	19	74	0
CONTIG-025208	362	9	8	65	0
CONTIG-025209	176	13	2	105	0
CONTIG-025210	97	20	10	104	0
CONTIG-025211	175	9	11	54	0
CONTIG-025212	153	10	47	35	0
CONTIG-025216	59	27	47	2	0
CONTIG-025217	120	11	19	12	0
CONTIG-025220	84	6	7	15	0
CONTIG-025222	121	11	77	15	0

CONTIG-025223	155	12	33	70	0
CONTIG-025224	154	12	75	23	0
CONTIG-025226	67	35	12	88	0
CONTIG-025227	41	92	18	33	0
CONTIG-025228	200	34	15	322	11
CONTIG-025229	125	7	13	30	0
CONTIG-025230	75	10	54	0	0
CONTIG-025231	69	6	0	8	0
CONTIG-025232	83	14	97	2	0
CONTIG-025233	94	7	2	28	0
CONTIG-025234	143	14	103	15	0
CONTIG-025235	96	51	119	188	0
CONTIG-025236	162	6	10	21	0
CONTIG-025237	257	19	95	158	0
CONTIG-025238	243	13	114	88	0
CONTIG-025239	616	13	50	213	0
CONTIG-025240	721	22	28	496	20
CONTIG-025241	37	405	97	433	0
CONTIG-025242	513	13	39	111	0
CONTIG-025243	98	4	5	15	0
CONTIG-025244	133	7	4	0	0
CONTIG-025245	145	15	44	94	0
CONTIG-025246	66	10	10	0	0
CONTIG-025247	758	12	5	410	2
CONTIG-025248	190	4	18	6	0
CONTIG-025249	97	3	3	0	0
CONTIG-025250	45	4	3	2	0
CONTIG-025251	125	6	0	25	0
CONTIG-025252	518	23	88	282	4
CONTIG-025253	602	9	29	86	0
CONTIG-025254	49	14	0	20	0
CONTIG-025255	121	12	84	17	0
CONTIG-025257	494	23	72	156	8
CONTIG-025258	193	12	52	85	0
CONTIG-025259	65	5	3	12	0
CONTIG-025261	84	6	6	11	0
CONTIG-025263	573	22	86	542	0
CONTIG-025264	36	478	85	406	40
CONTIG-025265	261	9	17	32	0
CONTIG-025266	202	16	15	124	0
CONTIG-025267	316	29	22	399	12
CONTIG-025268	180	8	7	45	2
CONTIG-025269	76	6	0	14	0
CONTIG-025270	118	5	5	16	0
CONTIG-025271	106	12	8	60	0
CONTIG-025272	327	23	117	125	2
CONTIG-025273	174	101	93	624	37

CONTIG-025274	193	43	24	383	0
CONTIG-025275	106	22	28	99	0
CONTIG-025276	162	9	31	44	0
CONTIG-025277	122	9	23	0	4
CONTIG-025284	183	13	4	118	0
CONTIG-025285	1088	17	44	470	9
CONTIG-025286	216	10	70	55	0
CONTIG-025287	404	27	47	10	0
CONTIG-025288	92	6	9	0	0
CONTIG-025289	93	6	0	12	0
CONTIG-025290	60	7	10	7	0
CONTIG-025292	162	6	9	31	0
CONTIG-025293	243	12	129	62	2
CONTIG-025294	54	337	251	235	70
CONTIG-025298	87	9	25	9	0
CONTIG-025299	288	12	62	116	0
CONTIG-025300	111	4	3	18	0
CONTIG-025301	317	23	60	298	4
CONTIG-025302	427	9	53	87	0
CONTIG-025303	389	14	25	199	2
CONTIG-025304	364	15	121	114	2
CONTIG-025305	1166	18	19	101	0
CONTIG-025306	63	17	84	0	0
CONTIG-025307	217	11	26	74	0
CONTIG-025308	129	7	37	3	2
CONTIG-025309	138	12	6	64	0
CONTIG-025310	376	11	87	83	2
CONTIG-025311	354	15	44	147	0
CONTIG-025312	170	39	124	155	0
CONTIG-025313	514	8	13	123	2
CONTIG-025314	121	6	5	23	0
CONTIG-025316	130	17	9	121	0
CONTIG-025317	534	11	42	190	4
CONTIG-025318	92	5	19	2	0
CONTIG-025320	322	13	26	98	0
CONTIG-025321	349	9	18	135	0
CONTIG-025322	70	64	17	67	0
CONTIG-025323	1062	40	320	1634	87
CONTIG-025324	531	8	13	135	5
CONTIG-025325	343	38	153	255	10
CONTIG-025326	531	18	61	400	2
CONTIG-025327	130	8	7	0	6
CONTIG-025328	70	3	4	4	0
CONTIG-025329	226	13	4	80	2
CONTIG-025337	159	7	2	47	0
CONTIG-025338	220	9	30	71	0
CONTIG-025339	231	9	6	73	0

CONTIG-025340	123	11	30	4	3
CONTIG-025341	1175	11	29	453	10
CONTIG-025342	778	8	13	262	0
CONTIG-025343	76	21	73	0	0
CONTIG-025344	63	6	8	8	0
CONTIG-025345	208	5	6	20	0
CONTIG-025346	89	6	4	13	0
CONTIG-025347	91	25	19	52	0
CONTIG-025348	77	7	16	3	0
CONTIG-025349	150	8	6	2	0
CONTIG-025350	175	13	59	8	0
CONTIG-025351	159	15	29	81	0
CONTIG-025352	323	24	48	152	2
CONTIG-025353	219	17	132	27	0
CONTIG-025354	278	5	15	23	0
CONTIG-025355	86	16	10	28	0
CONTIG-025356	176	9	11	51	0
CONTIG-025358	140	8	10	16	0
CONTIG-025359	330	13	11	112	2
CONTIG-025361	230	14	17	62	0
CONTIG-025362	77	807	21	2686	0
CONTIG-025363	293	25	353	129	0
CONTIG-025364	72	5	17	2	0
CONTIG-025365	108	12	18	59	0
CONTIG-025366	314	19	94	179	0
CONTIG-025367	210	14	30	93	0
CONTIG-025368	377	21	63	210	2
CONTIG-025369	92	4	3	2	0
CONTIG-025371	74	7	19	12	0
CONTIG-025372	285	11	59	90	0
CONTIG-025379	255	14	12	89	2
CONTIG-025380	207	11	5	11	2
CONTIG-025381	125	11	46	37	0
CONTIG-025384	123	11	34	46	0
CONTIG-025385	173	5	23	22	0
CONTIG-025386	112	14	117	10	0
CONTIG-025387	126	13	51	26	0
CONTIG-025388	865	18	116	428	9
CONTIG-025389	167	12	9	82	0
CONTIG-025390	796	16	104	366	0
CONTIG-025391	96	8	19	23	0
CONTIG-025392	347	20	8	394	0
CONTIG-025394	644	17	23	136	20
CONTIG-025395	422	11	27	92	0
CONTIG-025396	136	6	8	25	0
CONTIG-025398	166	7	17	37	0
CONTIG-025399	58	8	2	18	0

CONTIG-025400	631	26	2	0	85
CONTIG-025401	239	6	24	46	2
CONTIG-025402	64	5	5	7	0
CONTIG-025403	40	331	198	189	34
CONTIG-025404	221	6	8	36	0
CONTIG-025405	59	7	8	12	0
CONTIG-025406	98	8	27	2	0
CONTIG-025407	252	9	37	76	0
CONTIG-025409	139	15	16	66	0
CONTIG-025410	138	7	10	9	0
CONTIG-025411	303	10	14	128	0
CONTIG-025412	122	3	0	7	0
CONTIG-025413	538	44	110	816	0
CONTIG-025415	282	60	100	565	0
CONTIG-025416	444	12	15	138	0
CONTIG-025419	121	13	7	22	0
CONTIG-025420	202	7	23	26	0
CONTIG-025421	1359	18	53	1019	0
CONTIG-025423	121	8	8	24	0
CONTIG-025424	88	13	34	2	0
CONTIG-025425	261	11	57	108	0
CONTIG-025426	71	8	3	16	0
CONTIG-025427	255	9	7	90	0
CONTIG-025434	70	6	4	11	0
CONTIG-025435	96	12	4	31	0
CONTIG-025436	69	4	2	4	0
CONTIG-025437	73	65	11	27	0
CONTIG-025438	77	3	2	7	0
CONTIG-025439	493	13	16	135	6
CONTIG-025440	674	16	55	235	3
CONTIG-025441	100	8	67	0	0
CONTIG-025442	600	149	77	4978	0
CONTIG-025443	521	19	82	293	6
CONTIG-025444	422	10	56	91	2
CONTIG-025445	353	13	130	42	0
CONTIG-025446	121	5	6	10	0
CONTIG-025447	85	19	20	2	0
CONTIG-025448	65	9	13	7	0
CONTIG-025449	457	14	53	205	0
CONTIG-025450	776	23	32	665	0
CONTIG-025453	179	11	22	55	0
CONTIG-025454	935	30	60	381	99
CONTIG-025455	112	7	7	23	2
CONTIG-025456	395	17	163	255	0
CONTIG-025457	271	14	75	45	0
CONTIG-025458	58	13	21	0	6
CONTIG-025459	166	8	8	6	0

CONTIG-025460	104	46	114	95	2
CONTIG-025461	503	13	41	175	0
CONTIG-025462	324	15	24	116	2
CONTIG-025463	64	41	44	71	0
CONTIG-025464	126	7	11	16	0
CONTIG-025465	90	53	17	157	0
CONTIG-025466	206	12	82	14	0
CONTIG-025467	117	8	3	29	0
CONTIG-025468	382	28	112	278	12
CONTIG-025469	324	16	99	135	0
CONTIG-025470	214	5	4	27	0
CONTIG-025471	326	8	6	80	0
CONTIG-025472	248	7	57	17	0
CONTIG-025473	119	50	83	148	2
CONTIG-025475	779	18	80	669	0
CONTIG-025476	173	25	31	171	0
CONTIG-025477	276	13	78	83	0
CONTIG-025478	174	10	53	44	2
CONTIG-025479	1039	30	24	1708	0
CONTIG-025480	94	6	3	14	0
CONTIG-025481	114	13	0	0	0
CONTIG-025483	640	30	2	37	0
CONTIG-025484	253	15	62	47	0
CONTIG-025486	537	12	55	125	2
CONTIG-025487	63	7	11	16	0
CONTIG-025488	164	15	43	43	0
CONTIG-025491	125	7	15	0	0
CONTIG-025492	59	4	17	0	0
CONTIG-025493	367	10	30	142	0
CONTIG-025496	228	36	3	8	0
CONTIG-025497	417	19	31	140	14
CONTIG-025500	75	118	121	285	4
CONTIG-025501	171	6	48	18	0
CONTIG-025502	189	5	8	24	0
CONTIG-025503	80	12	16	34	0
CONTIG-025504	487	10	14	101	0
CONTIG-025505	1156	19	88	823	0
CONTIG-025506	474	12	15	184	0
CONTIG-025507	969	21	231	396	31
CONTIG-025508	162	6	2	26	0
CONTIG-025513	133	4	6	16	0
CONTIG-025514	91	5	8	4	0
CONTIG-025515	144	10	29	32	0
CONTIG-025516	127	15	10	44	6
CONTIG-025517	158	9	31	36	0
CONTIG-025518	345	8	14	98	0
CONTIG-025519	211	15	14	155	0

CONTIG-025520	72	7	11	11	0
CONTIG-025522	66	4	0	18	0
CONTIG-025523	122	10	2	40	2
CONTIG-025524	227	19	19	193	0
CONTIG-025525	133	7	10	31	0
CONTIG-025526	142	6	2	22	0
CONTIG-025527	91	16	19	24	0
CONTIG-025528	120	55	148	261	0
CONTIG-025529	273	15	39	70	0
CONTIG-025538	125	12	9	36	0
CONTIG-025539	232	11	7	92	0
CONTIG-025540	65	9	26	4	0
CONTIG-025541	78	88	14	295	0
CONTIG-025543	57	61	6	94	0
CONTIG-025549	77	12	18	20	0
CONTIG-025550	397	14	44	193	0
CONTIG-025551	337	5	13	29	0
CONTIG-025554	92	34	141	45	0
CONTIG-025555	141	9	12	26	0
CONTIG-025556	98	15	72	0	0
CONTIG-025557	91	5	0	6	0
CONTIG-025558	277	17	31	100	2
CONTIG-025559	107	7	18	4	0
CONTIG-025560	146	12	72	30	0
CONTIG-025561	400	19	168	257	0
CONTIG-025562	76	5	3	11	0
CONTIG-025563	137	9	5	38	2
CONTIG-025564	80	3	8	0	0
CONTIG-025565	100	7	7	9	0
CONTIG-025566	148	14	55	0	0
CONTIG-025567	407	24	248	272	0
CONTIG-025569	770	21	33	647	0
CONTIG-025570	531	129	37	3659	9
CONTIG-025571	195	13	72	20	3
CONTIG-025572	341	7	34	68	0
CONTIG-025573	526	9	27	159	0
CONTIG-025575	85	4	12	0	0
CONTIG-025576	180	6	5	34	0
CONTIG-025577	94	16	26	47	0
CONTIG-025578	116	8	27	16	0
CONTIG-025579	346	21	73	367	0
CONTIG-025580	286	9	13	51	0
CONTIG-025581	554	13	92	249	0
CONTIG-025584	389	14	105	171	2
CONTIG-025585	44	44	23	15	0
CONTIG-025586	97	22	17	54	0
CONTIG-025587	80	15	2	52	0

CONTIG-025588	110	9	11	7	0
CONTIG-025589	165	10	41	24	0
CONTIG-025590	196	10	0	66	0
CONTIG-025591	74	15	5	54	0
CONTIG-025592	121	7	6	6	0
CONTIG-025595	131	13	5	30	0
CONTIG-025597	65	5	8	6	0
CONTIG-025598	1497	34	238	1143	50
CONTIG-025599	166	4	0	22	0
CONTIG-025600	192	7	9	51	0
CONTIG-025601	199	4	0	18	0
CONTIG-025602	81	15	89	0	0
CONTIG-025603	94	9	8	26	0
CONTIG-025604	350	15	11	233	0
CONTIG-025605	163	4	2	12	0
CONTIG-025606	115	24	21	65	0
CONTIG-025607	217	27	89	281	0
CONTIG-025608	409	66	162	1664	0
CONTIG-025609	95	8	14	17	0
CONTIG-025610	213	6	0	11	0
CONTIG-025611	141	8	7	35	0
CONTIG-025612	66	3	9	0	0
CONTIG-025613	222	16	146	18	0
CONTIG-025614	971	249	47	15	0
CONTIG-025615	202	9	19	59	0
CONTIG-025618	126	10	82	6	0
CONTIG-025619	451	25	143	597	0
CONTIG-025620	226	54	135	416	0
CONTIG-025621	103	6	10	14	0
CONTIG-025622	300	8	40	63	0
CONTIG-025623	84	10	0	33	0
CONTIG-025624	113	15	2	61	0
CONTIG-025625	95	4	2	10	0
CONTIG-025626	595	20	86	319	6
CONTIG-025635	319	13	65	194	0
CONTIG-025636	228	12	12	78	0
CONTIG-025637	94	71	8	185	2
CONTIG-025638	234	21	41	167	0
CONTIG-025639	595	20	12	87	0
CONTIG-025641	268	8	46	57	0
CONTIG-025648	349	31	93	471	2
CONTIG-025650	67	27	0	33	2
CONTIG-025652	139	9	13	32	0
CONTIG-025653	172	7	17	18	0
CONTIG-025654	376	10	8	114	6
CONTIG-025655	170	10	10	38	2
CONTIG-025656	709	28	79	950	2

CONTIG-025657	976	92	29	43	0
CONTIG-025658	611	21	130	490	11
CONTIG-025659	235	9	29	78	0
CONTIG-025660	148	11	11	3	0
CONTIG-025665	127	14	83	6	0
CONTIG-025666	489	14	17	362	0
CONTIG-025667	142	8	23	5	0
CONTIG-025668	159	24	36	0	2
CONTIG-025669	180	12	14	89	0
CONTIG-025670	385	13	15	152	0
CONTIG-025671	94	7	5	22	0
CONTIG-025672	658	14	20	91	12
CONTIG-025673	73	4	0	7	0
CONTIG-025674	1039	38	58	1140	114
CONTIG-025675	123	7	0	22	0
CONTIG-025676	348	26	94	399	2
CONTIG-025677	110	12	45	18	0
CONTIG-025678	461	27	58	225	44
CONTIG-025679	89	16	59	17	0
CONTIG-025680	169	9	13	61	0
CONTIG-025682	124	9	9	29	0
CONTIG-025683	61	3	3	2	0
CONTIG-025686	151	8	25	30	0
CONTIG-025687	120	26	41	31	0
CONTIG-025688	68	6	6	3	0
CONTIG-025689	191	11	20	53	0
CONTIG-025691	59	19	23	8	0
CONTIG-025692	66	3	0	4	0
CONTIG-025693	59	437	529	420	16
CONTIG-025694	141	26	71	43	0
CONTIG-025696	71	18	3	50	0
CONTIG-025697	88	20	55	44	0
CONTIG-025698	64	7	0	12	0
CONTIG-025699	83	12	14	17	0
CONTIG-025700	355	38	91	155	4
CONTIG-025701	185	44	74	307	5
CONTIG-025702	64	7	7	7	0
CONTIG-025703	186	17	95	50	0
CONTIG-025704	86	4	3	4	0
CONTIG-025705	517	69	98	2119	0
CONTIG-025706	64	7	25	0	0
CONTIG-025707	167	26	76	58	0
CONTIG-025708	81	11	20	11	0
CONTIG-025709	95	7	14	19	0
CONTIG-025710	184	15	17	64	0
CONTIG-025711	301	9	11	58	0
CONTIG-025712	148	11	17	47	0

CONTIG-025713	1782	30	105	2183	3
CONTIG-025714	151	9	17	30	0
CONTIG-025716	566	15	95	159	4
CONTIG-025717	94	3	2	5	0
CONTIG-025718	220	12	21	78	0
CONTIG-025719	392	14	34	52	5
CONTIG-025720	82	13	17	44	0
CONTIG-025721	196	11	21	13	0
CONTIG-025722	171	8	17	14	2
CONTIG-025723	71	2	2	6	0
CONTIG-025725	234	17	17	164	0
CONTIG-025726	69	8	3	21	2
CONTIG-025727	431	15	63	256	0
CONTIG-025728	105	69	61	323	0
CONTIG-025729	477	10	64	109	2
CONTIG-025731	1280	30	88	2096	4
CONTIG-025732	228	48	29	461	5
CONTIG-025733	77	11	0	37	0
CONTIG-025734	383	26	118	383	0
CONTIG-025736	1567	25	129	1042	6
CONTIG-025737	155	12	12	49	0
CONTIG-025739	359	13	51	92	0
CONTIG-025740	79	22	13	89	0
CONTIG-025741	314	15	12	64	0
CONTIG-025742	340	13	20	129	2
CONTIG-025743	489	12	100	111	0
CONTIG-025744	108	63	45	83	0
CONTIG-025745	523	15	20	310	2
CONTIG-025746	70	9	17	15	0
CONTIG-025753	129	6	14	12	0
CONTIG-025754	248	9	46	29	0
CONTIG-025755	770	18	46	285	32
CONTIG-025756	303	5	7	14	0
CONTIG-025757	1761	35	261	2060	140
CONTIG-025758	322	21	48	136	6
CONTIG-025759	59	4	2	5	0
CONTIG-025760	61	19	40	12	0
CONTIG-025762	81	9	41	15	0
CONTIG-025763	92	154	72	389	10
CONTIG-025764	188	17	35	68	0
CONTIG-025765	105	5	4	9	0
CONTIG-025766	209	7	6	42	0
CONTIG-025767	214	75	239	375	2
CONTIG-025768	91	6	8	11	0
CONTIG-025769	1184	28	220	1272	0
CONTIG-025770	319	24	64	191	0
CONTIG-025771	352	12	10	219	0

CONTIG-025772	519	9	29	127	0
CONTIG-025773	94	9	24	15	0
CONTIG-025774	270	7	7	56	0
CONTIG-025775	292	12	34	89	0
CONTIG-025776	158	11	83	13	0
CONTIG-025777	85	6	4	3	0
CONTIG-025778	454	12	14	149	4
CONTIG-025779	84	13	13	13	0
CONTIG-025780	545	57	77	1499	18
CONTIG-025781	211	4	11	15	0
CONTIG-025782	153	6	5	22	0
CONTIG-025783	150	15	58	68	0
CONTIG-025784	290	25	76	287	0
CONTIG-025785	177	9	7	60	0
CONTIG-025786	494	16	22	328	0
CONTIG-025787	184	45	201	307	3
CONTIG-025788	62	17	34	0	0
CONTIG-025789	167	20	31	143	0
CONTIG-025792	269	14	16	123	0
CONTIG-025793	58	21	43	17	0
CONTIG-025794	212	7	15	40	0
CONTIG-025795	60	4	3	0	0
CONTIG-025806	335	19	18	162	6
CONTIG-025807	358	19	45	202	2
CONTIG-025808	457	11	25	79	0
CONTIG-025809	795	17	68	551	0
CONTIG-025810	265	17	13	168	0
CONTIG-025811	258	17	17	210	0
CONTIG-025812	229	11	3	76	2
CONTIG-025813	81	6	17	2	0
CONTIG-025814	114	3	4	2	0
CONTIG-025815	82	8	14	13	0
CONTIG-025816	65	490	16	1701	0
CONTIG-025817	105	10	79	15	0
CONTIG-025818	386	17	36	269	0
CONTIG-025819	100	9	19	12	0
CONTIG-025820	158	7	21	8	0
CONTIG-025821	267	15	64	132	0
CONTIG-025822	268	8	13	66	0
CONTIG-025823	185	20	13	179	0
CONTIG-025824	190	7	9	42	0
CONTIG-025825	92	382	31	1134	2
CONTIG-025826	164	4	29	0	0
CONTIG-025827	126	30	138	86	0
CONTIG-025828	71	317	45	1274	0
CONTIG-025829	139	19	0	126	0
CONTIG-025830	66	4	0	2	0

CONTIG-025831	97	7	5	10	0
CONTIG-025832	473	19	47	313	2
CONTIG-025833	159	11	8	69	0
CONTIG-025834	466	14	26	213	3
CONTIG-025835	59	7	7	18	0
CONTIG-025836	59	7	0	14	0
CONTIG-025837	303	8	18	36	4
CONTIG-025838	61	14	67	0	0
CONTIG-025840	157	16	28	86	4
CONTIG-025841	188	9	10	80	0
CONTIG-025842	184	9	48	9	0
CONTIG-025843	76	127	403	58	2
CONTIG-025844	39	604	77	421	106
CONTIG-025845	157	7	10	25	0
CONTIG-025846	174	14	27	90	0
CONTIG-025847	224	11	19	82	0
CONTIG-025848	51	10	6	12	0
CONTIG-025849	251	16	33	147	0
CONTIG-025850	171	16	81	62	0
CONTIG-025851	815	11	128	377	0
CONTIG-025852	343	10	21	157	0
CONTIG-025853	188	8	48	18	0
CONTIG-025854	208	20	25	129	0
CONTIG-025855	277	10	37	89	0
CONTIG-025856	596	32	34	36	2
CONTIG-025857	38	276	28	111	6
CONTIG-025858	126	34	23	99	2
CONTIG-025859	338	19	305	88	0
CONTIG-025860	166	21	39	152	0
CONTIG-025861	114	33	52	124	2
CONTIG-025862	115	10	11	19	0
CONTIG-025864	116	259	140	1464	2
CONTIG-025865	92	6	15	8	0
CONTIG-025866	141	5	25	8	0
CONTIG-025867	170	14	23	44	9
CONTIG-025868	63	9	21	4	0
CONTIG-025869	72	142	9	377	34
CONTIG-025870	227	6	7	34	0
CONTIG-025873	149	21	74	78	0
CONTIG-025874	1662	27	46	2100	12
CONTIG-025875	450	47	35	977	0
CONTIG-025876	221	18	20	220	0
CONTIG-025877	414	11	63	202	0
CONTIG-025878	344	8	18	83	0
CONTIG-025879	94	12	44	2	0
CONTIG-025880	298	12	10	75	0
CONTIG-025881	563	14	28	99	2

CONTIG-025888	124	10	17	12	0
CONTIG-025889	79	3	2	6	0
CONTIG-025890	242	14	77	21	0
CONTIG-025891	112	3	2	2	0
CONTIG-025892	636	39	83	1526	0
CONTIG-025896	478	12	20	113	0
CONTIG-025897	685	10	9	233	2
CONTIG-025898	968	49	68	1574	37
CONTIG-025899	736	22	46	531	0
CONTIG-025900	66	8	18	2	0
CONTIG-025901	77	31	58	0	0
CONTIG-025902	314	13	38	162	0
CONTIG-025903	826	17	138	564	0
CONTIG-025905	84	10	7	15	0
CONTIG-025906	96	7	4	8	0
CONTIG-025907	253	28	94	257	0
CONTIG-025908	66	3	5	2	0
CONTIG-025909	201	6	6	22	0
CONTIG-025910	180	6	10	30	0
CONTIG-025911	164	7	10	37	0
CONTIG-025912	106	7	6	9	0
CONTIG-025913	337	16	31	128	3
CONTIG-025920	226	12	4	96	0
CONTIG-025921	86	5	11	8	0
CONTIG-025922	391	180	119	4305	0
CONTIG-025923	310	15	13	82	2
CONTIG-025925	193	16	19	108	0
CONTIG-025926	76	4	2	7	0
CONTIG-025927	127	19	31	114	0
CONTIG-025928	48	194	31	306	24
CONTIG-025929	100	54	6	173	4
CONTIG-025930	131	10	4	46	0
CONTIG-025931	671	13	59	345	2
CONTIG-025932	188	5	12	18	0
CONTIG-025934	197	18	16	155	0
CONTIG-025935	120	5	0	19	0
CONTIG-025936	251	13	4	93	4
CONTIG-025937	72	7	14	10	0
CONTIG-025943	194	9	76	14	0
CONTIG-025944	807	16	20	653	2
CONTIG-025945	242	8	0	41	0
CONTIG-025946	339	18	143	209	0
CONTIG-025947	219	10	22	73	0
CONTIG-025950	68	4	4	0	0
CONTIG-025951	322	6	30	43	3
CONTIG-025952	124	12	9	26	9
CONTIG-025953	498	30	41	477	34

CONTIG-025954	236	10	63	80	0
CONTIG-025955	977	28	96	952	34
CONTIG-025956	431	10	81	66	0
CONTIG-025957	263	13	43	68	2
CONTIG-025958	141	9	18	36	0
CONTIG-025959	46	203	20	184	0
CONTIG-025960	437	50	94	1377	0
CONTIG-025961	293	16	100	164	0
CONTIG-025962	355	10	34	97	0
CONTIG-025964	103	13	12	33	0
CONTIG-025965	310	18	67	71	0
CONTIG-025966	48	5	9	4	0
CONTIG-025967	92	21	8	49	2
CONTIG-025968	153	20	51	52	0
CONTIG-025969	168	5	0	16	0
CONTIG-025970	232	11	15	42	0
CONTIG-025971	380	20	18	233	6
CONTIG-025972	438	13	20	188	0
CONTIG-025973	495	18	46	188	2
CONTIG-025974	272	56	118	786	0
CONTIG-025975	284	12	2	85	4
CONTIG-025976	344	17	74	217	0
CONTIG-025977	361	18	56	66	0
CONTIG-025978	286	12	7	17	0
CONTIG-025979	74	10	0	25	2
CONTIG-025983	392	12	23	86	0
CONTIG-025984	98	4	2	18	0
CONTIG-025985	109	29	39	108	0
CONTIG-025986	96	12	4	43	0
CONTIG-025987	63	5	2	6	0
CONTIG-025988	348	31	248	205	0
CONTIG-025989	220	11	6	71	0
CONTIG-025990	194	9	48	49	0
CONTIG-025991	82	12	31	26	0
CONTIG-025992	239	15	17	158	0
CONTIG-025994	431	12	8	186	0
CONTIG-025995	163	15	12	104	0
CONTIG-025996	321	11	43	82	2
CONTIG-025997	258	6	17	29	0
CONTIG-025998	255	7	48	70	0
CONTIG-026000	527	16	58	217	0
CONTIG-026001	70	18	34	22	0
CONTIG-026002	409	15	63	178	5
CONTIG-026003	226	12	49	13	2
CONTIG-026004	106	5	5	14	0
CONTIG-026008	90	6	2	12	0
CONTIG-026011	179	8	8	43	2

CONTIG-026012	50	1353	66	1259	64
CONTIG-026013	77	9	27	5	4
CONTIG-026014	338	10	87	132	0
CONTIG-026015	235	6	38	33	2
CONTIG-026016	146	4	7	16	0
CONTIG-026017	62	5	0	9	0
CONTIG-026018	116	8	15	16	0
CONTIG-026020	444	30	33	739	2
CONTIG-026021	72	64	65	9	0
CONTIG-026024	63	8	2	10	0
CONTIG-026025	196	4	6	25	0
CONTIG-026026	93	36	118	70	0
CONTIG-026027	278	9	46	95	0
CONTIG-026028	84	24	21	51	0
CONTIG-026029	129	9	3	55	0
CONTIG-026030	179	7	2	44	0
CONTIG-026031	148	7	4	16	0
CONTIG-026032	599	8	43	120	0
CONTIG-026033	86	8	38	16	0
CONTIG-026034	150	18	18	5	0
CONTIG-026035	221	8	54	19	2
CONTIG-026036	401	21	81	182	4
CONTIG-026037	357	10	16	45	0
CONTIG-026038	369	38	96	489	14
CONTIG-026039	87	4	4	7	0
CONTIG-026040	542	8	45	76	2
CONTIG-026042	986	12	56	293	4
CONTIG-026043	516	6	11	54	0
CONTIG-026044	248	13	7	0	5
CONTIG-026045	107	4	5	2	0
CONTIG-026047	157	8	5	25	0
CONTIG-026048	183	9	0	56	0
CONTIG-026053	114	134	32	554	0
CONTIG-026054	69	317	130	301	32
CONTIG-026055	246	12	86	64	0
CONTIG-026057	60	4	12	2	0
CONTIG-026058	219	12	2	73	0
CONTIG-026059	427	7	19	77	0
CONTIG-026060	177	11	27	37	0
CONTIG-026061	66	6	5	12	0
CONTIG-026062	646	15	70	548	0
CONTIG-026063	81	4	5	5	0
CONTIG-026064	264	16	56	90	2
CONTIG-026065	245	33	139	301	0
CONTIG-026066	111	8	8	19	0
CONTIG-026067	39	2313	157	25	1778
CONTIG-026068	224	9	16	38	0

CONTIG-026069	212	9	10	68	2
CONTIG-026071	341	28	3	0	86
CONTIG-026072	117	8	8	31	2
CONTIG-026073	446	10	35	120	0
CONTIG-026075	159	10	0	16	0
CONTIG-026076	76	8	4	16	0
CONTIG-026077	424	13	75	171	0
CONTIG-026085	105	6	0	21	0
CONTIG-026088	829	48	175	511	6
CONTIG-026091	363	11	36	109	4
CONTIG-026092	249	12	44	81	0
CONTIG-026093	118	28	25	151	0
CONTIG-026094	91	10	2	35	0
CONTIG-026095	98	5	0	4	0
CONTIG-026096	153	7	15	7	0
CONTIG-026097	632	12	62	309	0
CONTIG-026098	113	203	37	918	5
CONTIG-026099	221	7	25	32	0
CONTIG-026100	228	60	214	256	2
CONTIG-026101	90	3	6	12	0
CONTIG-026102	120	7	10	21	0
CONTIG-026103	313	28	38	160	0
CONTIG-026104	180	9	3	64	0
CONTIG-026105	311	15	40	200	0
CONTIG-026106	51	222	146	156	44
CONTIG-026109	382	16	16	247	0
CONTIG-026110	59	59	32	132	0
CONTIG-026111	798	16	82	245	10
CONTIG-026112	156	17	92	83	0
CONTIG-026113	72	6	0	15	0
CONTIG-026114	526	17	133	130	6
CONTIG-026116	231	10	7	79	0
CONTIG-026117	475	10	4	132	0
CONTIG-026118	183	13	30	77	0
CONTIG-026119	80	370	270	1079	23
CONTIG-026120	361	41	65	485	18
CONTIG-026121	75	5	3	14	0
CONTIG-026122	151	7	4	13	0
CONTIG-026123	141	6	9	25	0
CONTIG-026125	77	7	16	8	0
CONTIG-026126	460	21	67	356	0
CONTIG-026127	193	38	61	139	6
CONTIG-026129	457	7	19	84	0
CONTIG-026130	88	23	2	64	0
CONTIG-026131	124	7	2	9	0
CONTIG-026132	108	95	37	248	0
CONTIG-026134	199	8	14	39	0

CONTIG-026135	517	20	38	449	0
CONTIG-026136	128	49	73	290	0
CONTIG-026137	579	18	24	535	0
CONTIG-026138	213	9	28	71	0
CONTIG-026139	120	27	105	128	0
CONTIG-026140	93	10	20	16	0
CONTIG-026141	84	18	15	63	0
CONTIG-026146	688	18	50	646	0
CONTIG-026147	89	24	43	59	2
CONTIG-026149	221	10	11	76	0
CONTIG-026150	131	16	10	34	4
CONTIG-026154	453	18	80	275	0
CONTIG-026155	832	51	556	1337	33
CONTIG-026156	731	86	0	0	865
CONTIG-026157	457	12	16	180	0
CONTIG-026158	75	101	101	247	2
CONTIG-026159	95	45	122	44	0
CONTIG-026160	83	6	3	8	0
CONTIG-026165	293	8	16	48	0
CONTIG-026166	254	56	233	602	0
CONTIG-026167	415	7	22	61	0
CONTIG-026168	92	12	36	10	0
CONTIG-026170	180	10	40	47	0
CONTIG-026171	536	12	93	68	23
CONTIG-026173	377	11	32	46	2
CONTIG-026174	247	13	27	120	0
CONTIG-026175	433	14	58	65	2
CONTIG-026176	987	33	104	677	32
CONTIG-026177	188	16	11	146	0
CONTIG-026178	285	30	85	222	27
CONTIG-026179	296	14	274	17	0
CONTIG-026180	405	22	131	284	2
CONTIG-026181	709	16	76	314	0
CONTIG-026182	338	10	39	92	4
CONTIG-026183	145	7	25	35	0
CONTIG-026184	135	8	37	16	0
CONTIG-026185	253	11	98	92	0
CONTIG-026186	409	23	52	195	0
CONTIG-026187	79	568	10	1431	81
CONTIG-026189	426	8	14	0	7
CONTIG-026190	1511	18	112	585	13
CONTIG-026191	78	4	6	7	0
CONTIG-026192	92	8	3	37	0
CONTIG-026193	193	96	164	701	10
CONTIG-026196	76	232	87	216	10
CONTIG-026197	237	36	36	302	0
CONTIG-026198	82	4	3	11	0

CONTIG-026199	500	21	44	148	0
CONTIG-026201	183	7	26	22	0
CONTIG-026202	332	13	52	103	0
CONTIG-026203	85	34	53	128	0
CONTIG-026204	69	9	2	7	0
CONTIG-026205	703	17	359	249	0
CONTIG-026206	485	148	145	4103	50
CONTIG-026207	96	5	2	2	0
CONTIG-026208	95	6	3	15	0
CONTIG-026209	737	12	37	245	4
CONTIG-026210	210	23	80	120	3
CONTIG-026211	346	13	44	135	4
CONTIG-026212	236	25	26	46	0
CONTIG-026215	364	12	25	169	0
CONTIG-026216	209	8	14	37	0
CONTIG-026217	297	54	57	536	17
CONTIG-026218	132	5	0	16	2
CONTIG-026219	176	11	15	63	0
CONTIG-026220	243	16	42	98	0
CONTIG-026221	241	98	15	1292	2
CONTIG-026222	74	16	39	15	0
CONTIG-026223	67	9	3	15	0
CONTIG-026224	131	59	45	258	0
CONTIG-026225	369	34	63	425	9
CONTIG-026226	61	9	7	11	0
CONTIG-026227	582	34	55	336	38
CONTIG-026228	147	11	5	45	0
CONTIG-026235	71	4	0	3	0
CONTIG-026236	363	17	37	27	0
CONTIG-026238	104	21	24	67	0
CONTIG-026239	394	12	4	2	9
CONTIG-026240	195	12	68	42	0
CONTIG-026241	377	8	19	57	2
CONTIG-026243	489	22	76	349	63
CONTIG-026244	237	5	2	28	2
CONTIG-026246	96	9	17	17	0
CONTIG-026258	168	27	77	184	0
CONTIG-026259	73	3	0	4	0
CONTIG-026266	138	64	19	341	0
CONTIG-026272	60	54	2	14	0
CONTIG-026277	183	12	123	48	0
CONTIG-026289	224	14	109	74	0
CONTIG-026290	62	6	7	9	0
CONTIG-026294	480	16	122	176	2
CONTIG-026295	289	15	92	115	0
CONTIG-026296	273	8	22	38	0
CONTIG-026297	102	10	41	0	0

CONTIG-026298	63	4	2	9	0
CONTIG-026299	403	16	59	167	0
CONTIG-026300	118	13	36	10	0
CONTIG-026301	108	15	23	47	2
CONTIG-026302	319	16	97	100	0
CONTIG-026303	38	666	59	1130	2
CONTIG-026304	437	18	55	179	0
CONTIG-026307	238	16	20	110	0
CONTIG-026308	116	14	12	76	0
CONTIG-026309	71	8	7	2	0
CONTIG-026311	291	13	36	103	0
CONTIG-026313	340	57	257	561	10
CONTIG-026314	889	17	66	628	0
CONTIG-026315	189	9	6	62	2
CONTIG-026316	360	16	112	170	3
CONTIG-026317	78	6	5	9	0
CONTIG-026318	550	18	106	264	0
CONTIG-026319	874	18	32	414	12
CONTIG-026320	106	5	8	2	0
CONTIG-026324	488	14	37	194	0
CONTIG-026325	148	6	56	7	0
CONTIG-026326	64	10	24	6	0
CONTIG-026327	143	32	125	128	0
CONTIG-026328	66	6	0	4	0
CONTIG-026330	192	19	62	100	4
CONTIG-026331	63	6	9	0	0
CONTIG-026332	350	15	23	178	0
CONTIG-026333	411	21	19	257	4
CONTIG-026334	805	35	26	1014	46
CONTIG-026335	153	10	38	59	0
CONTIG-026336	585	14	9	341	2
CONTIG-026337	318	10	8	93	2
CONTIG-026338	122	7	35	2	0
CONTIG-026339	68	11	13	15	0
CONTIG-026340	126	18	25	79	0
CONTIG-026341	172	5	12	21	0
CONTIG-026342	101	8	20	5	0
CONTIG-026347	119	6	7	16	0
CONTIG-026348	106	5	2	18	0
CONTIG-026349	223	22	17	217	0
CONTIG-026356	146	20	30	29	4
CONTIG-026362	459	14	39	206	0
CONTIG-026363	184	6	17	46	0
CONTIG-026366	66	6	16	0	0
CONTIG-026367	195	8	4	59	0
CONTIG-026368	104	7	75	2	0
CONTIG-026369	129	13	10	62	0

CONTIG-026370	63	5	2	8	0
CONTIG-026371	61	3	3	0	0
CONTIG-026372	118	5	5	11	0
CONTIG-026373	424	34	76	310	16
CONTIG-026374	124	11	35	16	0
CONTIG-026375	142	8	41	7	0
CONTIG-026376	118	5	7	15	0
CONTIG-026377	331	14	24	80	2
CONTIG-026378	316	8	8	48	0
CONTIG-026379	412	11	29	170	0
CONTIG-026380	181	8	15	49	0
CONTIG-026381	135	7	24	0	0
CONTIG-026382	318	13	6	11	0
CONTIG-026383	217	6	16	32	0
CONTIG-026384	229	13	39	83	0
CONTIG-026385	83	19	172	2	0
CONTIG-026386	82	3	10	2	0
CONTIG-026387	90	8	4	8	0
CONTIG-026388	242	6	43	41	0
CONTIG-026389	298	36	46	366	0
CONTIG-026391	180	10	80	26	0
CONTIG-026392	304	10	11	144	0
CONTIG-026393	191	11	42	70	2
CONTIG-026394	63	12	5	24	0
CONTIG-026395	141	7	7	33	0
CONTIG-026396	57	70	22	116	0
CONTIG-026397	76	8	11	20	0
CONTIG-026398	502	9	28	21	6
CONTIG-026399	168	8	36	23	0
CONTIG-026400	302	13	16	103	2
CONTIG-026401	104	3	2	11	0
CONTIG-026402	102	9	37	3	0
CONTIG-026403	1256	11	18	365	0
CONTIG-026404	113	13	115	0	0
CONTIG-026405	182	6	21	28	0
CONTIG-026406	114	8	14	17	0
CONTIG-026407	165	11	14	39	0
CONTIG-026408	83	5	16	0	0
CONTIG-026409	93	4	2	7	0
CONTIG-026410	443	22	135	368	5
CONTIG-026411	60	7	28	2	0
CONTIG-026412	74	17	9	52	0
CONTIG-026413	237	7	56	34	0
CONTIG-026414	214	7	17	19	0
CONTIG-026415	107	9	7	24	0
CONTIG-026422	125	24	56	84	0
CONTIG-026423	519	15	46	297	0

CONTIG-026424	454	11	31	156	5
CONTIG-026425	101	6	12	7	0
CONTIG-026426	286	19	25	90	2
CONTIG-026428	480	20	93	367	2
CONTIG-026429	370	16	108	162	0
CONTIG-026430	159	5	5	19	0
CONTIG-026431	399	11	5	84	0
CONTIG-026432	205	17	69	0	0
CONTIG-026433	448	17	91	261	2
CONTIG-026434	191	4	17	22	0
CONTIG-026437	82	15	33	17	0
CONTIG-026438	436	16	37	290	0
CONTIG-026439	84	45	17	84	0
CONTIG-026440	171	18	130	57	0
CONTIG-026441	72	10	20	2	0
CONTIG-026442	59	5	15	0	0
CONTIG-026443	381	12	28	120	2
CONTIG-026444	298	47	4	0	124
CONTIG-026445	66	8	2	8	0
CONTIG-026446	217	10	13	22	2
CONTIG-026447	525	8	10	115	2
CONTIG-026448	168	6	2	16	0
CONTIG-026449	544	12	84	221	0
CONTIG-026450	226	9	10	14	0
CONTIG-026451	50	119	14	96	0
CONTIG-026452	285	13	48	96	2
CONTIG-026453	136	17	46	14	2
CONTIG-026454	607	40	113	813	7
CONTIG-026456	202	25	65	252	0
CONTIG-026457	190	10	15	47	2
CONTIG-026460	458	23	40	410	2
CONTIG-026461	413	23	116	311	0
CONTIG-026462	65	7	7	10	0
CONTIG-026463	124	15	25	15	0
CONTIG-026469	551	31	148	505	16
CONTIG-026470	262	11	24	43	0
CONTIG-026471	290	11	32	129	0
CONTIG-026475	156	5	10	0	18
CONTIG-026476	127	14	13	68	0
CONTIG-026477	369	17	25	204	4
CONTIG-026479	705	19	105	322	9
CONTIG-026480	230	7	13	43	0
CONTIG-026481	143	10	16	35	0
CONTIG-026482	117	10	5	2	0
CONTIG-026483	147	18	139	6	0
CONTIG-026485	58	3	2	4	0
CONTIG-026486	154	6	6	7	0

CONTIG-026487	589	14	9	398	0
CONTIG-026488	59	20	77	0	0
CONTIG-026489	86	3	5	9	0
CONTIG-026490	158	23	12	88	7
CONTIG-026491	148	7	3	24	0
CONTIG-026492	78	32	41	94	0
CONTIG-026493	155	7	6	33	0
CONTIG-026496	412	18	93	183	0
CONTIG-026497	142	21	74	102	0
CONTIG-026498	651	18	36	343	4
CONTIG-026500	93	6	0	25	0
CONTIG-026501	71	13	11	0	0
CONTIG-026502	75	215	97	254	11
CONTIG-026504	75	12	2	29	0
CONTIG-026505	93	17	48	2	0
CONTIG-026506	365	32	275	249	25
CONTIG-026507	429	18	95	301	0
CONTIG-026508	194	4	7	2	0
CONTIG-026509	74	8	41	0	0
CONTIG-026510	77	5	15	0	0
CONTIG-026511	380	21	19	448	0
CONTIG-026512	250	16	8	4	0
CONTIG-026513	177	8	6	41	0
CONTIG-026514	308	8	19	28	0
CONTIG-026515	74	12	7	34	0
CONTIG-026517	482	17	163	242	2
CONTIG-026521	61	8	13	3	0
CONTIG-026525	243	39	59	132	6
CONTIG-026526	236	16	99	126	0
CONTIG-026529	119	13	51	37	0
CONTIG-026530	248	9	95	57	0
CONTIG-026531	332	16	57	175	0
CONTIG-026536	75	6	9	8	0
CONTIG-026537	85	40	6	176	0
CONTIG-026538	157	25	27	165	0
CONTIG-026539	318	7	16	79	0
CONTIG-026540	192	14	24	85	0
CONTIG-026541	345	17	11	128	8
CONTIG-026544	400	9	40	104	3
CONTIG-026545	69	6	5	17	0
CONTIG-026546	690	19	9	22	0
CONTIG-026547	63	18	12	48	0
CONTIG-026548	115	16	34	41	0
CONTIG-026549	147	7	5	15	0
CONTIG-026550	86	9	18	11	0
CONTIG-026551	354	9	2	142	0
CONTIG-026552	587	10	12	165	2

CONTIG-026557	63	7	0	23	0
CONTIG-026558	100	15	10	34	0
CONTIG-026563	162	13	16	58	0
CONTIG-026564	111	5	9	6	0
CONTIG-026565	80	4	25	2	0
CONTIG-026575	125	12	35	25	0
CONTIG-026579	61	27	2	41	0
CONTIG-026580	70	4	7	2	0
CONTIG-026581	101	5	4	22	0
CONTIG-026582	44	129	120	26	4
CONTIG-026583	197	10	64	15	0
CONTIG-026587	62	11	15	27	0
CONTIG-026588	186	10	29	48	0
CONTIG-026589	163	14	81	48	0
CONTIG-026590	116	23	137	2	0
CONTIG-026591	48	30	92	22	0
CONTIG-026592	65	5	3	0	0
CONTIG-026593	335	21	48	234	2
CONTIG-026594	122	78	617	19	0
CONTIG-026595	184	9	14	43	0
CONTIG-026596	121	17	34	25	0
CONTIG-026597	75	8	27	16	0
CONTIG-026598	406	17	10	303	0
CONTIG-026599	265	18	102	137	0
CONTIG-026600	273	11	69	90	0
CONTIG-026601	101	7	11	9	0
CONTIG-026605	67	6	7	7	0
CONTIG-026606	467	10	27	73	0
CONTIG-026607	643	9	6	72	2
CONTIG-026608	111	32	159	54	0
CONTIG-026609	235	36	115	315	4
CONTIG-026610	107	18	80	6	0
CONTIG-026611	284	14	22	124	5
CONTIG-026612	198	8	7	50	0
CONTIG-026615	77	6	5	12	0
CONTIG-026616	270	18	55	218	0
CONTIG-026617	136	8	19	19	0
CONTIG-026618	166	100	56	505	9
CONTIG-026619	97	5	2	10	0
CONTIG-026620	295	20	65	282	0
CONTIG-026622	49	41	58	20	0
CONTIG-026623	78	12	23	23	0
CONTIG-026624	511	12	107	95	0
CONTIG-026625	746	17	81	358	2
CONTIG-026626	120	5	7	11	0
CONTIG-026627	276	12	76	79	0
CONTIG-026628	71	20	48	34	0

CONTIG-026629	160	14	5	111	0
CONTIG-026630	523	42	187	852	14
CONTIG-026631	89	6	5	4	0
CONTIG-026632	143	9	33	24	3
CONTIG-026633	39	532	242	260	28
CONTIG-026634	144	3	3	6	0
CONTIG-026635	669	30	52	719	2
CONTIG-026636	142	22	86	84	0
CONTIG-026638	62	39	29	0	6
CONTIG-026639	821	25	81	681	2
CONTIG-026640	1290	38	71	2125	12
CONTIG-026641	136	4	14	11	0
CONTIG-026642	93	19	9	90	0
CONTIG-026643	112	8	10	22	0
CONTIG-026645	133	15	103	40	0
CONTIG-026646	206	161	0	0	341
CONTIG-026647	106	9	53	0	6
CONTIG-026648	1634	18	107	922	38
CONTIG-026649	357	10	112	47	0
CONTIG-026650	323	22	89	250	0
CONTIG-026651	375	13	61	156	0
CONTIG-026652	247	15	126	106	0
CONTIG-026653	135	13	34	21	0
CONTIG-026654	88	7	7	13	2
CONTIG-026655	712	22	117	522	0
CONTIG-026656	332	16	32	199	6
CONTIG-026657	175	12	13	41	0
CONTIG-026658	241	4	11	23	2
CONTIG-026659	100	6	6	15	0
CONTIG-026660	66	13	17	20	0
CONTIG-026661	155	11	47	45	2
CONTIG-026662	70	14	3	0	0
CONTIG-026663	256	10	18	89	0
CONTIG-026664	386	22	112	147	0
CONTIG-026665	38	298	29	91	0
CONTIG-026666	79	6	5	16	0
CONTIG-026667	60	29	16	0	0
CONTIG-026668	60	13	47	6	0
CONTIG-026669	88	13	38	22	2
CONTIG-026670	92	20	32	30	0
CONTIG-026671	359	11	3	143	6
CONTIG-026672	172	155	5	1004	11
CONTIG-026673	309	13	20	62	0
CONTIG-026674	319	8	12	60	0
CONTIG-026675	182	11	8	42	0
CONTIG-026676	170	11	39	40	0
CONTIG-026677	613	12	39	269	0

CONTIG-026678	129	7	8	23	0
CONTIG-026679	166	5	2	18	0
CONTIG-026680	79	7	0	21	0
CONTIG-026682	212	4	5	8	0
CONTIG-026683	128	12	18	34	0
CONTIG-026684	274	17	85	191	0
CONTIG-026685	74	15	7	28	0
CONTIG-026686	61	4	5	2	0
CONTIG-026687	142	7	4	17	0
CONTIG-026689	209	13	37	78	4
CONTIG-026690	87	5	0	12	0
CONTIG-026691	214	14	29	110	0
CONTIG-026692	442	21	97	324	0
CONTIG-026693	428	10	71	84	0
CONTIG-026694	580	11	37	147	0
CONTIG-026695	166	9	14	27	0
CONTIG-026696	75	7	11	0	0
CONTIG-026697	839	62	0	0	320
CONTIG-026698	403	17	93	199	0
CONTIG-026699	164	21	118	83	0
CONTIG-026700	70	10	39	0	0
CONTIG-026701	566	16	60	259	6
CONTIG-026702	301	8	9	47	2
CONTIG-026703	187	10	26	61	0
CONTIG-026704	120	14	69	25	0
CONTIG-026705	137	5	2	10	0
CONTIG-026706	362	18	197	161	2
CONTIG-026707	107	67	17	130	0
CONTIG-026708	301	10	50	43	3
CONTIG-026709	157	12	21	71	0
CONTIG-026710	389	17	68	269	0
CONTIG-026711	213	14	40	72	0
CONTIG-026712	109	64	64	145	4
CONTIG-026713	142	4	3	7	0
CONTIG-026714	207	10	5	34	0
CONTIG-026715	102	7	11	17	0
CONTIG-026716	90	12	49	11	0
CONTIG-026717	141	7	4	24	0
CONTIG-026718	72	3	0	15	0
CONTIG-026719	713	16	23	498	3
CONTIG-026720	255	10	48	69	0
CONTIG-026721	129	5	8	4	0
CONTIG-026722	686	16	88	327	2
CONTIG-026723	90	16	26	36	0
CONTIG-026724	434	52	147	1337	0
CONTIG-026725	605	14	14	478	0
CONTIG-026726	456	27	71	555	0

CONTIG-026727	280	13	25	199	0
CONTIG-026728	651	35	177	728	16
CONTIG-026729	150	9	28	39	0
CONTIG-026730	473	54	25	898	15
CONTIG-026731	52	121	64	37	0
CONTIG-026732	261	14	62	94	0
CONTIG-026733	496	19	19	287	0
CONTIG-026734	133	13	2	17	2
CONTIG-026735	175	9	19	55	0
CONTIG-026736	111	10	10	33	0
CONTIG-026737	214	14	77	61	0
CONTIG-026738	231	24	111	85	0
CONTIG-026739	260	7	11	10	0
CONTIG-026740	204	21	25	21	0
CONTIG-026741	75	5	5	6	0
CONTIG-026742	72	62	7	112	0
CONTIG-026746	101	7	16	13	0
CONTIG-026747	153	10	21	22	0
CONTIG-026749	117	9	6	42	0
CONTIG-026751	131	13	12	54	0
CONTIG-026752	387	20	80	362	0
CONTIG-026756	75	8	9	11	0
CONTIG-026757	1010	38	195	1382	46
CONTIG-026758	537	27	75	363	13
CONTIG-026759	239	14	20	82	0
CONTIG-026761	182	19	14	113	2
CONTIG-026762	67	22	40	34	0
CONTIG-026763	97	10	8	25	0
CONTIG-026764	1199	22	40	929	14
CONTIG-026765	77	12	47	5	0
CONTIG-026770	399	14	88	144	0
CONTIG-026771	781	16	57	623	2
CONTIG-026772	92	6	4	4	0
CONTIG-026773	89	10	39	0	0
CONTIG-026780	445	9	18	138	0
CONTIG-026781	195	18	34	98	2
CONTIG-026782	101	12	35	9	0
CONTIG-026783	262	20	109	95	0
CONTIG-026787	79	19	118	3	0
CONTIG-026788	106	6	8	21	0
CONTIG-026789	96	7	10	18	0
CONTIG-026790	193	5	3	27	0
CONTIG-026791	215	10	9	91	0
CONTIG-026792	305	19	280	26	2
CONTIG-026793	114	6	11	8	0
CONTIG-026794	96	4	3	10	0
CONTIG-026795	169	12	4	35	0

CONTIG-026796	165	7	0	27	0
CONTIG-026797	484	25	46	67	0
CONTIG-026798	164	8	38	33	0
CONTIG-026799	683	16	37	530	0
CONTIG-026800	160	13	0	111	0
CONTIG-026801	384	47	4	2	0
CONTIG-026802	84	4	7	10	0
CONTIG-026803	262	9	35	55	0
CONTIG-026804	145	5	0	22	0
CONTIG-026805	73	8	40	0	0
CONTIG-026806	134	4	14	12	0
CONTIG-026809	67	5	5	6	0
CONTIG-026816	78	6	8	14	0
CONTIG-026817	141	5	4	19	0
CONTIG-026818	350	10	18	119	0
CONTIG-026819	146	14	0	80	0
CONTIG-026820	225	4	9	28	0
CONTIG-026821	702	23	126	436	33
CONTIG-026822	296	5	26	0	0
CONTIG-026829	213	11	20	68	0
CONTIG-026830	162	4	3	20	2
CONTIG-026831	755	24	65	463	20
CONTIG-026833	59	14	4	9	0
CONTIG-026834	145	11	78	4	0
CONTIG-026835	66	3	5	2	0
CONTIG-026836	285	13	9	121	0
CONTIG-026837	174	13	20	73	0
CONTIG-026838	154	6	16	25	0
CONTIG-026839	69	3	6	0	0
CONTIG-026840	284	13	8	180	2
CONTIG-026841	128	4	2	16	0
CONTIG-026842	77	9	21	7	0
CONTIG-026843	294	10	45	123	0
CONTIG-026844	58	13	23	25	0
CONTIG-026845	165	45	79	117	0
CONTIG-026846	301	11	126	47	0
CONTIG-026847	138	19	46	36	0
CONTIG-026848	359	26	37	117	0
CONTIG-026849	87	5	2	11	0
CONTIG-026850	375	11	31	166	4
CONTIG-026851	83	17	44	11	0
CONTIG-026853	229	5	7	31	0
CONTIG-026854	280	14	9	127	2
CONTIG-026855	155	48	117	82	2
CONTIG-026856	164	16	12	80	3
CONTIG-026857	59	7	7	7	0
CONTIG-026858	211	11	185	23	0

CONTIG-026861	80	44	49	109	0
CONTIG-026862	107	8	27	8	0
CONTIG-026863	219	10	9	66	2
CONTIG-026864	254	5	6	35	0
CONTIG-026865	151	10	55	52	0
CONTIG-026866	324	23	27	145	0
CONTIG-026867	154	6	16	25	0
CONTIG-026868	70	8	12	10	0
CONTIG-026869	109	6	4	5	0
CONTIG-026870	829	72	163	2809	6
CONTIG-026871	418	26	95	228	8
CONTIG-026872	146	14	21	75	0
CONTIG-026873	164	36	25	188	8
CONTIG-026874	371	18	21	260	0
CONTIG-026875	278	10	23	49	2
CONTIG-026876	212	7	10	50	0
CONTIG-026877	65	35	54	35	0
CONTIG-026878	309	6	11	37	0
CONTIG-026879	216	15	70	107	0
CONTIG-026880	330	10	55	100	0
CONTIG-026881	242	14	4	106	2
CONTIG-026882	355	17	18	273	2
CONTIG-026883	79	7	15	9	0
CONTIG-026884	287	6	16	41	0
CONTIG-026885	380	13	8	136	0
CONTIG-026886	238	84	280	220	77
CONTIG-026887	110	5	6	18	0
CONTIG-026893	65	7	18	2	0
CONTIG-026895	184	9	12	57	0
CONTIG-026897	259	13	45	26	0
CONTIG-026898	89	5	0	6	0
CONTIG-026899	376	10	14	171	0
CONTIG-026900	609	14	55	331	0
CONTIG-026901	448	12	113	101	0
CONTIG-026902	63	8	9	2	0
CONTIG-026903	796	30	66	545	12
CONTIG-026904	1522	54	140	1781	29
CONTIG-026905	171	19	81	61	2
CONTIG-026906	45	7	4	7	0
CONTIG-026907	324	9	22	102	0
CONTIG-026908	113	16	9	59	0
CONTIG-026909	445	22	70	437	0
CONTIG-026910	151	10	7	36	8
CONTIG-026911	1149	17	156	672	0
CONTIG-026912	192	9	35	39	4
CONTIG-026913	521	15	64	152	0
CONTIG-026914	664	13	46	367	5

CONTIG-026916	255	8	10	62	2
CONTIG-026917	456	15	43	183	0
CONTIG-026918	328	13	7	100	2
CONTIG-026920	151	216	23	1146	0
CONTIG-026921	92	6	0	13	0
CONTIG-026922	96	6	21	4	0
CONTIG-026923	90	4	2	15	0
CONTIG-026924	102	3	6	4	0
CONTIG-026925	118	9	15	26	0
CONTIG-026926	503	21	71	405	2
CONTIG-026927	386	21	108	327	0
CONTIG-026928	60	5	2	0	0
CONTIG-026929	137	6	55	4	0
CONTIG-026930	528	17	112	234	8
CONTIG-026933	109	7	16	14	0
CONTIG-026934	212	54	122	505	0
CONTIG-026936	282	7	24	39	0
CONTIG-026938	86	6	0	7	0
CONTIG-026939	101	46	20	77	0
CONTIG-026940	41	78	11	96	2
CONTIG-026941	373	17	51	83	5
CONTIG-026942	226	8	47	45	0
CONTIG-026943	124	4	5	3	0
CONTIG-026944	173	6	11	29	0
CONTIG-026945	325	12	45	84	0
CONTIG-026946	143	11	17	52	0
CONTIG-026947	1816	26	64	1542	59
CONTIG-026948	86	44	300	2	0
CONTIG-026949	122	13	60	22	0
CONTIG-026951	186	15	29	83	2
CONTIG-026953	276	16	79	87	2
CONTIG-026954	58	10	2	10	0
CONTIG-026955	1224	11	72	558	2
CONTIG-026956	229	5	4	26	0
CONTIG-026957	104	16	95	23	0
CONTIG-026958	172	9	51	21	0
CONTIG-026961	177	13	37	7	0
CONTIG-026962	217	7	11	29	0
CONTIG-026967	257	20	27	65	0
CONTIG-026968	283	7	12	66	0
CONTIG-026969	319	12	8	59	0
CONTIG-026970	76	20	27	35	0
CONTIG-026971	60	3	0	2	0
CONTIG-026972	131	7	19	2	0
CONTIG-026973	152	7	6	25	0
CONTIG-026974	92	5	5	18	0
CONTIG-026975	67	11	3	17	2

CONTIG-026976	255	15	59	154	0
CONTIG-026979	96	8	39	13	0
CONTIG-026980	321	179	84	1909	62
CONTIG-026981	665	27	121	366	6
CONTIG-026982	488	18	44	290	0
CONTIG-026983	119	19	32	99	0
CONTIG-026984	100	11	2	47	0
CONTIG-026985	356	26	16	309	14
CONTIG-026987	134	17	43	38	2
CONTIG-026989	94	10	15	13	0
CONTIG-026990	891	16	35	640	2
CONTIG-026994	108	7	26	7	0
CONTIG-026995	215	16	78	83	0
CONTIG-026996	105	13	56	17	0
CONTIG-026997	110	16	29	29	0
CONTIG-026998	263	7	16	43	0
CONTIG-026999	122	6	0	12	0
CONTIG-027000	334	8	9	52	0
CONTIG-027001	522	19	26	295	8
CONTIG-027002	243	11	5	83	0
CONTIG-027003	376	14	39	138	0
CONTIG-027006	210	3	6	11	0
CONTIG-027007	467	10	9	62	9
CONTIG-027008	95	8	6	18	0
CONTIG-027009	492	13	69	165	4
CONTIG-027010	216	19	77	93	2
CONTIG-027011	297	11	6	79	0
CONTIG-027019	272	9	23	41	0
CONTIG-027020	91	13	18	15	0
CONTIG-027021	1158	11	150	394	0
CONTIG-027022	134	22	74	100	2
CONTIG-027023	691	12	76	349	0
CONTIG-027024	63	4	0	6	0
CONTIG-027025	485	9	21	80	2
CONTIG-027026	399	13	17	219	0
CONTIG-027027	315	23	77	162	0
CONTIG-027029	214	8	22	73	0
CONTIG-027030	176	30	60	113	0
CONTIG-027032	391	16	21	217	4
CONTIG-027033	76	7	9	17	0
CONTIG-027034	182	7	5	35	0
CONTIG-027035	157	5	0	26	0
CONTIG-027036	128	10	8	75	0
CONTIG-027037	265	13	29	111	0
CONTIG-027038	68	22	79	0	0
CONTIG-027039	60	13	0	2	0
CONTIG-027040	151	6	10	33	0

CONTIG-027041	222	9	9	64	0
CONTIG-027042	129	27	48	0	29
CONTIG-027043	354	8	12	110	2
CONTIG-027046	83	48	6	198	0
CONTIG-027049	653	7	5	66	0
CONTIG-027050	591	16	42	352	0
CONTIG-027051	70	10	17	11	0
CONTIG-027052	112	4	2	5	0
CONTIG-027054	158	21	63	48	0
CONTIG-027055	126	4	9	2	0
CONTIG-027056	402	14	55	295	0
CONTIG-027057	892	17	39	293	0
CONTIG-027058	313	7	8	77	0
CONTIG-027059	82	9	6	6	0
CONTIG-027060	140	12	32	14	0
CONTIG-027061	297	16	65	118	0
CONTIG-027062	91	6	0	21	0
CONTIG-027063	273	18	33	143	0
CONTIG-027064	473	10	15	104	4
CONTIG-027065	192	16	24	73	2
CONTIG-027066	153	8	23	24	0
CONTIG-027067	833	20	51	416	0
CONTIG-027068	558	23	155	382	0
CONTIG-027069	150	7	22	38	0
CONTIG-027072	167	7	4	13	0
CONTIG-027073	630	14	41	304	0
CONTIG-027074	756	20	156	275	17
CONTIG-027075	220	10	9	50	2
CONTIG-027076	546	27	118	185	4
CONTIG-027077	333	15	19	144	2
CONTIG-027078	249	24	66	115	0
CONTIG-027079	113	5	22	2	0
CONTIG-027080	279	15	31	167	8
CONTIG-027081	1528	17	49	719	4
CONTIG-027082	101	15	62	38	0
CONTIG-027083	196	10	11	52	0
CONTIG-027084	82	335	100	987	9
CONTIG-027086	212	32	48	305	0
CONTIG-027087	215	7	23	37	0
CONTIG-027088	58	9	9	21	0
CONTIG-027089	286	12	99	61	0
CONTIG-027090	176	10	30	43	0
CONTIG-027098	105	7	15	14	0
CONTIG-027099	179	9	7	62	0
CONTIG-027100	495	22	94	281	4
CONTIG-027101	74	8	19	0	0
CONTIG-027102	116	7	38	20	0

CONTIG-027103	68	4	16	2	0
CONTIG-027104	91	8	10	15	0
CONTIG-027105	512	38	255	756	8
CONTIG-027106	150	5	13	14	0
CONTIG-027107	422	26	22	421	2
CONTIG-027108	371	21	45	291	2
CONTIG-027109	242	9	14	84	0
CONTIG-027110	186	15	62	44	0
CONTIG-027111	87	4	0	9	0
CONTIG-027112	331	8	12	90	2
CONTIG-027113	62	4	0	6	0
CONTIG-027114	93	6	0	17	0
CONTIG-027115	457	26	56	560	2
CONTIG-027116	671	24	94	756	2
CONTIG-027117	193	6	13	25	0
CONTIG-027118	322	12	35	108	0
CONTIG-027119	350	15	61	196	0
CONTIG-027120	170	10	10	50	0
CONTIG-027121	87	10	19	27	0
CONTIG-027122	91	45	51	105	2
CONTIG-027123	73	4	3	4	0
CONTIG-027124	413	20	7	208	4
CONTIG-027125	83	23	16	47	0
CONTIG-027126	175	18	35	97	0
CONTIG-027138	208	62	81	315	58
CONTIG-027139	119	9	6	6	0
CONTIG-027140	345	27	25	379	0
CONTIG-027141	107	118	31	326	16
CONTIG-027143	145	6	14	8	0
CONTIG-027144	87	7	2	23	0
CONTIG-027145	87	5	6	9	0
CONTIG-027146	77	6	0	19	0
CONTIG-027147	117	4	2	17	0
CONTIG-027148	852	18	12	12	0
CONTIG-027149	82	4	8	8	0
CONTIG-027150	219	9	21	26	0
CONTIG-027151	111	8	5	29	0
CONTIG-027152	601	20	165	413	0
CONTIG-027153	101	15	13	33	2
CONTIG-027154	74	49	24	46	0
CONTIG-027155	195	7	10	53	0
CONTIG-027156	67	11	28	0	0
CONTIG-027157	227	21	33	164	0
CONTIG-027159	902	47	197	1554	19
CONTIG-027160	84	75	2	0	19
CONTIG-027161	126	6	12	18	0
CONTIG-027164	110	27	10	135	0

CONTIG-027165	748	119	105	5290	119
CONTIG-027166	596	20	31	30	0
CONTIG-027168	368	6	6	56	0
CONTIG-027169	157	9	13	13	0
CONTIG-027170	765	20	31	571	2
CONTIG-027171	219	11	10	54	0
CONTIG-027172	221	25	55	142	0
CONTIG-027173	264	33	20	21	0
CONTIG-027174	211	16	22	39	0
CONTIG-027175	475	27	132	221	12
CONTIG-027176	237	9	30	91	0
CONTIG-027177	723	18	58	231	10
CONTIG-027178	127	15	9	13	0
CONTIG-027179	383	10	10	136	0
CONTIG-027180	563	17	113	184	6
CONTIG-027181	132	6	8	7	0
CONTIG-027182	119	85	23	162	191
CONTIG-027183	164	11	3	33	0
CONTIG-027184	159	21	34	44	0
CONTIG-027185	135	15	24	45	0
CONTIG-027186	181	7	33	5	0
CONTIG-027189	375	8	16	69	2
CONTIG-027190	335	12	25	120	0
CONTIG-027191	300	9	53	95	0
CONTIG-027192	130	7	4	19	0
CONTIG-027193	338	14	45	154	2
CONTIG-027194	102	16	22	48	0
CONTIG-027195	268	19	59	69	3
CONTIG-027196	204	50	13	24	197
CONTIG-027197	118	10	17	32	0
CONTIG-027198	566	15	79	267	2
CONTIG-027199	116	6	21	21	0
CONTIG-027201	179	6	27	18	0
CONTIG-027202	559	20	124	250	5
CONTIG-027203	526	9	14	125	2
CONTIG-027204	360	10	16	129	12
CONTIG-027205	122	11	67	22	0
CONTIG-027206	78	21	4	98	0
CONTIG-027207	830	37	95	898	13
CONTIG-027208	77	8	24	0	0
CONTIG-027209	303	9	34	81	0
CONTIG-027210	242	22	145	137	0
CONTIG-027211	73	9	9	17	0
CONTIG-027212	162	6	11	9	0
CONTIG-027213	463	8	19	105	0
CONTIG-027214	99	5	11	6	0
CONTIG-027215	919	81	19	58	0

CONTIG-027216	933	29	8	1576	2
CONTIG-027217	190	5	27	14	0
CONTIG-027218	892	22	65	416	21
CONTIG-027219	41	145	89	151	2
CONTIG-027220	391	14	43	244	4
CONTIG-027221	76	4	0	6	0
CONTIG-027222	446	9	20	53	0
CONTIG-027225	117	20	18	132	0
CONTIG-027226	89	6	4	9	0
CONTIG-027227	188	9	14	53	0
CONTIG-027228	107	7	5	28	0
CONTIG-027229	228	6	31	49	0
CONTIG-027230	77	7	4	8	0
CONTIG-027231	527	14	36	277	0
CONTIG-027233	174	8	21	27	2
CONTIG-027234	269	9	35	52	0
CONTIG-027235	359	18	27	157	2
CONTIG-027236	196	9	2	50	0
CONTIG-027237	255	60	132	391	7
CONTIG-027238	116	9	30	24	0
CONTIG-027239	68	7	6	7	0
CONTIG-027240	190	10	21	45	0
CONTIG-027241	307	15	65	219	0
CONTIG-027242	72	7	3	13	0
CONTIG-027243	235	6	8	51	0
CONTIG-027244	159	15	52	65	0
CONTIG-027245	110	11	4	42	2
CONTIG-027246	253	10	5	65	2
CONTIG-027247	66	2	2	2	0
CONTIG-027249	77	6	8	6	0
CONTIG-027250	140	4	14	17	0
CONTIG-027251	89	6	7	0	0
CONTIG-027254	59	10	16	7	0
CONTIG-027255	129	7	7	29	0
CONTIG-027256	60	11	13	26	0
CONTIG-027257	548	87	14	2795	6
CONTIG-027263	299	15	141	51	0
CONTIG-027264	86	5	0	7	0
CONTIG-027265	187	9	0	37	2
CONTIG-027266	271	18	80	132	2
CONTIG-027267	151	74	75	440	2
CONTIG-027268	71	12	6	26	0
CONTIG-027269	61	10	4	2	0
CONTIG-027270	81	5	2	8	0
CONTIG-027271	65	6	2	11	2
CONTIG-027272	810	46	96	1123	69
CONTIG-027273	231	13	11	104	0

CONTIG-027274	102	7	28	2	0
CONTIG-027275	702	15	63	256	3
CONTIG-027276	314	9	6	62	0
CONTIG-027277	223	7	11	25	0
CONTIG-027278	73	6	3	19	0
CONTIG-027279	79	11	11	23	0
CONTIG-027280	71	6	25	3	0
CONTIG-027281	102	5	28	0	0
CONTIG-027282	47	44	15	36	0
CONTIG-027283	303	17	66	56	0
CONTIG-027284	91	7	11	0	0
CONTIG-027285	61	9	33	0	0
CONTIG-027291	69	5	13	2	0
CONTIG-027292	280	18	8	0	0
CONTIG-027293	92	13	66	5	0
CONTIG-027294	364	9	32	80	0
CONTIG-027295	119	39	19	160	0
CONTIG-027296	207	4	2	17	0
CONTIG-027297	155	8	17	54	0
CONTIG-027298	69	6	7	0	0
CONTIG-027305	69	7	7	6	0
CONTIG-027306	240	13	15	149	0
CONTIG-027307	173	12	10	57	0
CONTIG-027308	452	11	46	108	6
CONTIG-027309	280	10	55	42	2
CONTIG-027310	355	21	40	360	0
CONTIG-027311	676	26	87	589	2
CONTIG-027312	311	12	28	85	0
CONTIG-027314	140	5	6	19	0
CONTIG-027315	97	14	21	27	0
CONTIG-027316	100	4	3	8	0
CONTIG-027317	148	4	8	7	0
CONTIG-027318	305	17	20	234	2
CONTIG-027319	597	18	125	475	0
CONTIG-027321	68	8	27	4	0
CONTIG-027322	163	20	4	74	8
CONTIG-027323	285	13	6	76	2
CONTIG-027324	196	53	105	509	0
CONTIG-027325	212	17	27	126	2
CONTIG-027326	84	11	4	27	0
CONTIG-027327	200	34	48	307	0
CONTIG-027328	127	10	14	34	0
CONTIG-027329	58	18	3	28	0
CONTIG-027330	62	4	2	9	0
CONTIG-027331	233	8	63	39	0
CONTIG-027332	55	11	9	26	0
CONTIG-027333	393	16	8	168	0

CONTIG-027334	358	9	43	93	0
CONTIG-027335	105	94	73	404	5
CONTIG-027340	72	6	11	4	0
CONTIG-027342	117	9	18	16	0
CONTIG-027343	335	8	132	26	0
CONTIG-027346	214	200	164	2366	14
CONTIG-027347	978	27	99	392	4
CONTIG-027348	119	7	13	21	0
CONTIG-027349	1218	30	2	0	25
CONTIG-027350	313	17	22	233	0
CONTIG-027351	145	11	36	2	0
CONTIG-027352	189	12	75	56	0
CONTIG-027353	132	4	15	8	0
CONTIG-027354	120	8	25	19	0
CONTIG-027355	360	22	84	319	0
CONTIG-027356	74	6	11	5	0
CONTIG-027357	1366	22	152	1423	2
CONTIG-027358	95	5	2	15	0
CONTIG-027359	485	13	153	85	0
CONTIG-027360	243	13	21	142	0
CONTIG-027361	108	4	9	6	0
CONTIG-027362	535	12	43	176	4
CONTIG-027363	461	12	27	140	2
CONTIG-027364	191	13	14	78	0
CONTIG-027365	656	16	218	311	4
CONTIG-027366	102	4	2	15	0
CONTIG-027367	222	7	5	57	0
CONTIG-027368	219	31	27	296	4
CONTIG-027369	55	74	34	61	0
CONTIG-027370	1407	26	189	1427	36
CONTIG-027371	574	9	17	51	3
CONTIG-027372	263	14	48	112	0
CONTIG-027373	71	35	45	0	0
CONTIG-027374	252	11	42	17	0
CONTIG-027375	88	5	22	9	0
CONTIG-027377	58	8	11	0	0
CONTIG-027378	346	27	37	230	3
CONTIG-027379	189	8	18	26	0
CONTIG-027380	435	10	23	110	0
CONTIG-027381	166	11	10	77	0
CONTIG-027382	593	14	64	361	2
CONTIG-027383	115	8	5	18	0
CONTIG-027384	108	7	8	27	0
CONTIG-027385	138	10	3	55	0
CONTIG-027386	72	14	10	0	0
CONTIG-027387	78	72	18	236	2
CONTIG-027388	126	17	20	74	0

CONTIG-027389	42	466	5	1022	0
CONTIG-027391	133	11	16	42	0
CONTIG-027392	321	8	61	60	0
CONTIG-027393	88	14	72	3	0
CONTIG-027394	134	12	18	54	0
CONTIG-027395	233	9	51	71	0
CONTIG-027396	737	47	94	985	190
CONTIG-027397	205	7	10	46	0
CONTIG-027398	417	8	16	82	0
CONTIG-027399	186	15	8	61	0
CONTIG-027401	443	16	55	262	2
CONTIG-027402	383	9	7	158	0
CONTIG-027405	68	60	34	121	0
CONTIG-027406	78	8	39	15	0
CONTIG-027407	105	13	21	26	0
CONTIG-027408	81	15	13	39	0
CONTIG-027409	62	9	0	23	0
CONTIG-027410	109	8	21	20	0
CONTIG-027411	386	10	20	160	4
CONTIG-027412	231	7	0	35	2
CONTIG-027413	273	30	43	11	0
CONTIG-027414	62	3	7	2	0
CONTIG-027415	102	8	18	26	0
CONTIG-027416	98	13	20	0	0
CONTIG-027417	302	10	89	19	0
CONTIG-027418	142	52	111	149	0
CONTIG-027419	59	7	7	7	0
CONTIG-027426	470	15	30	299	0
CONTIG-027427	135	22	4	138	0
CONTIG-027429	374	33	48	236	0
CONTIG-027430	206	9	8	62	0
CONTIG-027431	1149	17	121	509	10
CONTIG-027432	101	13	26	42	0
CONTIG-027433	808	19	40	761	0
CONTIG-027434	121	10	14	20	0
CONTIG-027435	77	19	8	25	0
CONTIG-027436	224	6	35	39	0
CONTIG-027437	130	18	57	99	0
CONTIG-027439	80	4	12	4	0
CONTIG-027440	108	8	6	7	0
CONTIG-027441	105	13	9	45	0
CONTIG-027442	1059	18	30	399	2
CONTIG-027443	371	16	67	146	0
CONTIG-027444	270	25	129	296	0
CONTIG-027445	254	11	54	27	2
CONTIG-027446	190	6	25	20	0
CONTIG-027447	1466	29	152	1494	16

CONTIG-027448	495	14	20	188	4
CONTIG-027449	234	15	110	15	0
CONTIG-027450	546	8	28	173	2
CONTIG-027452	219	8	0	76	2
CONTIG-027453	157	5	7	11	0
CONTIG-027454	212	37	85	302	0
CONTIG-027455	781	13	48	253	14
CONTIG-027456	193	11	19	30	2
CONTIG-027457	85	4	2	11	0
CONTIG-027458	143	6	2	24	2
CONTIG-027459	279	6	10	17	0
CONTIG-027460	77	6	7	4	0
CONTIG-027461	436	19	23	367	3
CONTIG-027462	74	3	0	0	0
CONTIG-027463	102	3	2	4	0
CONTIG-027465	110	592	209	2276	6
CONTIG-027466	75	6	15	9	0
CONTIG-027468	107	58	47	269	0
CONTIG-027469	80	6	30	7	0
CONTIG-027470	297	33	10	0	70
CONTIG-027471	336	11	13	90	6
CONTIG-027472	363	11	16	93	2
CONTIG-027473	346	11	11	87	0
CONTIG-027477	74	4	5	9	0
CONTIG-027478	573	75	257	744	82
CONTIG-027479	223	13	34	42	0
CONTIG-027480	59	4	6	0	0
CONTIG-027481	129	8	8	32	2
CONTIG-027482	343	44	0	0	186
CONTIG-027483	168	6	15	17	2
CONTIG-027484	68	7	6	12	0
CONTIG-027485	579	15	54	268	4
CONTIG-027486	291	34	33	223	6
CONTIG-027487	411	13	117	203	0
CONTIG-027488	1056	26	45	416	110
CONTIG-027489	202	8	6	56	0
CONTIG-027490	86	139	93	316	9
CONTIG-027491	131	6	0	19	0
CONTIG-027492	75	4	2	10	0
CONTIG-027493	53	564	160	348	82
CONTIG-027498	97	8	5	20	0
CONTIG-027499	419	43	8	1179	0
CONTIG-027500	74	7	12	0	0
CONTIG-027501	110	174	182	948	2
CONTIG-027502	736	22	38	41	0
CONTIG-027503	585	13	22	168	0
CONTIG-027504	573	22	92	559	6

CONTIG-027505	337	9	34	76	0
CONTIG-027506	60	2	0	2	0
CONTIG-027507	176	8	7	53	0
CONTIG-027508	71	23	11	72	0
CONTIG-027509	144	8	27	37	0
CONTIG-027510	111	4	8	11	0
CONTIG-027511	75	6	21	14	0
CONTIG-027512	330	13	25	117	0
CONTIG-027513	266	16	45	138	0
CONTIG-027514	245	8	40	58	0
CONTIG-027515	213	9	13	17	0
CONTIG-027516	162	8	19	25	0
CONTIG-027517	165	5	2	0	0
CONTIG-027518	207	11	30	36	0
CONTIG-027519	302	7	19	79	0
CONTIG-027520	69	3	2	0	0
CONTIG-027521	193	18	40	148	0
CONTIG-027523	276	16	31	182	0
CONTIG-027524	594	27	110	366	18
CONTIG-027525	142	10	8	47	0
CONTIG-027526	173	7	0	37	0
CONTIG-027528	152	12	26	42	0
CONTIG-027529	193	11	97	21	0
CONTIG-027530	101	9	11	38	2
CONTIG-027531	107	6	10	11	0
CONTIG-027532	423	15	20	266	0
CONTIG-027533	204	15	7	148	0
CONTIG-027534	116	8	3	34	0
CONTIG-027536	77	6	2	7	0
CONTIG-027537	318	15	15	175	0
CONTIG-027538	682	14	216	291	2
CONTIG-027539	91	6	2	20	0
CONTIG-027540	74	5	10	4	0
CONTIG-027541	269	14	152	107	0
CONTIG-027542	213	17	77	110	2
CONTIG-027543	122	4	2	9	0
CONTIG-027545	145	9	22	20	0
CONTIG-027547	114	118	214	351	16
CONTIG-027548	89	5	16	10	0
CONTIG-027549	139	25	60	9	0
CONTIG-027550	528	22	181	385	8
CONTIG-027551	233	10	5	31	2
CONTIG-027552	93	12	21	34	0
CONTIG-027554	59	262	126	435	15
CONTIG-027555	59	13	6	19	0
CONTIG-027556	711	24	65	740	0
CONTIG-027557	97	5	0	0	2

CONTIG-027558	365	11	45	72	5
CONTIG-027559	95	9	15	32	0
CONTIG-027560	101	12	4	45	0
CONTIG-027561	108	5	6	8	0
CONTIG-027562	155	13	49	58	2
CONTIG-027564	163	8	37	17	0
CONTIG-027565	143	42	30	323	0
CONTIG-027566	112	253	30	1495	2
CONTIG-027567	106	36	20	75	0
CONTIG-027568	78	8	4	19	0
CONTIG-027569	66	11	12	19	0
CONTIG-027570	306	19	99	173	0
CONTIG-027571	272	10	12	43	2
CONTIG-027572	277	24	11	82	0
CONTIG-027573	86	9	7	26	0
CONTIG-027574	333	20	94	206	0
CONTIG-027575	194	24	85	67	2
CONTIG-027576	103	7	19	10	0
CONTIG-027578	397	23	255	158	0
CONTIG-027580	215	28	81	242	0
CONTIG-027581	74	33	3	38	0
CONTIG-027582	108	9	28	2	0
CONTIG-027583	143	11	6	52	0
CONTIG-027584	88	21	101	16	0
CONTIG-027586	927	14	109	350	0
CONTIG-027587	124	7	14	19	0
CONTIG-027588	568	15	28	248	6
CONTIG-027594	510	15	25	177	2
CONTIG-027595	236	4	0	0	0
CONTIG-027600	207	5	2	24	0
CONTIG-027601	1400	44	64	2423	50
CONTIG-027602	67	8	32	0	0
CONTIG-027603	67	9	5	17	0
CONTIG-027604	68	17	4	48	0
CONTIG-027605	339	15	39	154	2
CONTIG-027606	58	4	7	2	0
CONTIG-027607	61	5	2	4	0
CONTIG-027608	185	11	4	86	0
CONTIG-027611	75	9	7	21	0
CONTIG-027615	564	13	107	210	0
CONTIG-027616	128	10	36	31	0
CONTIG-027617	393	18	123	102	4
CONTIG-027621	95	22	49	50	0
CONTIG-027622	180	14	45	91	0
CONTIG-027623	509	15	69	288	0
CONTIG-027625	51	369	24	401	43
CONTIG-027626	274	11	4	115	0

CONTIG-027627	108	3	0	4	0
CONTIG-027628	380	14	58	132	4
CONTIG-027629	659	29	97	794	0
CONTIG-027631	58	364	92	607	4
CONTIG-027632	276	18	42	171	0
CONTIG-027633	663	16	132	270	0
CONTIG-027634	171	9	29	22	0
CONTIG-027635	128	8	41	8	0
CONTIG-027636	117	11	10	41	0
CONTIG-027637	68	9	13	13	0
CONTIG-027638	73	8	9	8	0
CONTIG-027639	253	9	11	71	0
CONTIG-027640	243	15	100	61	0
CONTIG-027642	224	15	6	99	10
CONTIG-027650	998	11	0	0	0
CONTIG-027651	42	1648	25	73	0
CONTIG-027654	78	8	3	28	0
CONTIG-027655	639	22	63	456	2
CONTIG-027656	61	8	4	12	0
CONTIG-027659	136	14	5	58	0
CONTIG-027660	247	8	16	54	0
CONTIG-027661	140	10	16	4	0
CONTIG-027662	342	8	82	37	0
CONTIG-027663	428	9	60	98	0
CONTIG-027664	185	125	187	867	0
CONTIG-027665	84	11	7	23	0
CONTIG-027666	646	12	66	260	0
CONTIG-027667	108	17	10	92	0
CONTIG-027668	67	28	10	52	0
CONTIG-027669	526	53	206	662	34
CONTIG-027670	120	11	2	46	2
CONTIG-027671	438	104	90	2777	3
CONTIG-027672	127	7	8	28	0
CONTIG-027673	185	11	47	56	0
CONTIG-027674	98	9	8	27	2
CONTIG-027676	71	9	2	17	0
CONTIG-027677	61	13	24	7	0
CONTIG-027678	212	16	0	0	49
CONTIG-027679	147	17	18	98	0
CONTIG-027680	233	11	24	102	0
CONTIG-027681	312	10	4	84	2
CONTIG-027682	113	14	14	35	0
CONTIG-027683	194	25	61	146	4
CONTIG-027684	38	980	43	18	640
CONTIG-027685	132	278	178	986	122
CONTIG-027686	645	54	86	820	105
CONTIG-027687	192	7	4	18	0

CONTIG-027688	152	14	54	26	0
CONTIG-027689	59	8	0	8	0
CONTIG-027690	471	12	23	99	14
CONTIG-027691	748	15	2	107	4
CONTIG-027693	146	7	6	16	0
CONTIG-027694	157	9	6	43	0
CONTIG-027695	138	4	5	15	0
CONTIG-027696	138	6	3	15	0
CONTIG-027697	108	5	0	12	0
CONTIG-027699	68	7	22	4	0
CONTIG-027700	110	22	135	15	0
CONTIG-027701	1206	15	68	1001	0
CONTIG-027702	89	7	17	13	0
CONTIG-027703	538	13	56	372	0
CONTIG-027704	61	6	9	0	0
CONTIG-027706	485	30	70	392	2
CONTIG-027709	1383	30	82	2234	0
CONTIG-027711	216	13	11	74	0
CONTIG-027713	107	15	45	43	0
CONTIG-027714	130	11	9	43	0
CONTIG-027715	259	7	15	57	0
CONTIG-027716	89	22	7	77	0
CONTIG-027717	72	8	3	17	0
CONTIG-027718	428	12	9	280	0
CONTIG-027719	272	68	232	926	2
CONTIG-027722	427	36	209	352	2
CONTIG-027723	222	12	5	111	0
CONTIG-027724	369	20	58	65	0
CONTIG-027725	116	5	2	14	0
CONTIG-027726	781	33	41	1143	8
CONTIG-027727	223	8	36	27	0
CONTIG-027728	129	17	25	43	0
CONTIG-027729	59	6	0	12	0
CONTIG-027730	350	47	19	844	0
CONTIG-027731	422	19	18	347	0
CONTIG-027735	89	3	0	0	0
CONTIG-027736	185	4	16	14	0
CONTIG-027737	454	19	61	252	4
CONTIG-027738	65	4	2	3	0
CONTIG-027739	63	7	2	14	0
CONTIG-027751	194	5	9	27	2
CONTIG-027752	88	5	2	18	0
CONTIG-027759	148	14	39	36	0
CONTIG-027760	168	9	2	18	2
CONTIG-027761	87	5	0	9	0
CONTIG-027763	250	17	39	124	0
CONTIG-027764	294	18	85	193	0

CONTIG-027765	349	15	92	75	2
CONTIG-027766	141	7	4	31	2
CONTIG-027767	328	10	50	123	0
CONTIG-027768	239	46	70	426	0
CONTIG-027769	275	27	40	128	0
CONTIG-027770	88	4	23	0	0
CONTIG-027771	126	4	4	5	0
CONTIG-027772	313	19	64	77	7
CONTIG-027773	188	5	16	22	0
CONTIG-027774	63	3	10	0	0
CONTIG-027775	141	45	168	223	2
CONTIG-027776	122	10	18	36	0
CONTIG-027777	1473	23	265	935	6
CONTIG-027778	366	12	26	65	0
CONTIG-027779	106	17	135	0	0
CONTIG-027780	243	33	46	413	19
CONTIG-027781	123	17	30	91	0
CONTIG-027782	88	129	50	505	2
CONTIG-027783	226	22	101	138	8
CONTIG-027784	171	3	6	6	0
CONTIG-027785	175	17	54	59	4
CONTIG-027786	169	4	3	22	0
CONTIG-027788	243	17	26	106	0
CONTIG-027789	666	19	109	319	2
CONTIG-027790	93	3	6	5	0
CONTIG-027791	689	25	255	239	12
CONTIG-027792	119	9	0	31	0
CONTIG-027793	104	6	20	7	0
CONTIG-027794	104	16	32	57	2
CONTIG-027795	64	6	13	8	0
CONTIG-027796	272	14	179	0	56
CONTIG-027797	185	8	23	35	0
CONTIG-027798	86	7	27	0	0
CONTIG-027799	71	3	0	6	0
CONTIG-027800	657	16	69	464	0
CONTIG-027801	403	109	2	0	374
CONTIG-027802	348	14	3	130	2
CONTIG-027803	69	8	15	18	0
CONTIG-027804	276	13	6	96	4
CONTIG-027805	154	10	6	45	0
CONTIG-027807	272	7	3	43	0
CONTIG-027808	133	11	13	44	0
CONTIG-027810	105	16	9	53	0
CONTIG-027812	285	18	124	154	0
CONTIG-027813	135	578	325	55	0
CONTIG-027814	205	9	13	71	0
CONTIG-027815	209	10	6	73	0

CONTIG-027816	111	6	16	21	0
CONTIG-027817	278	15	73	109	2
CONTIG-027818	670	11	19	180	13
CONTIG-027819	130	3	4	8	0
CONTIG-027820	234	16	48	74	2
CONTIG-027823	60	5	6	5	0
CONTIG-027829	193	15	10	0	29
CONTIG-027830	186	38	28	357	2
CONTIG-027831	73	6	5	14	0
CONTIG-027832	867	16	137	472	0
CONTIG-027833	520	17	100	191	7
CONTIG-027836	71	4	2	5	0
CONTIG-027837	447	12	55	232	0
CONTIG-027838	85	19	2	79	0
CONTIG-027839	265	165	2	0	443
CONTIG-027840	194	14	19	99	0
CONTIG-027841	574	14	29	174	31
CONTIG-027842	307	12	4	110	2
CONTIG-027843	395	23	22	337	0
CONTIG-027844	167	8	11	49	0
CONTIG-027845	239	17	9	16	0
CONTIG-027846	164	118	113	167	530
CONTIG-027848	128	18	46	110	0
CONTIG-027849	90	8	20	16	0
CONTIG-027852	64	4	8	5	0
CONTIG-027853	121	7	12	27	0
CONTIG-027854	156	12	20	49	0
CONTIG-027855	233	9	24	73	0
CONTIG-027856	131	4	5	14	0
CONTIG-027857	518	16	21	327	0
CONTIG-027858	92	4	6	13	0
CONTIG-027860	825	21	65	586	6
CONTIG-027861	131	5	4	27	0
CONTIG-027863	89	3	2	4	0
CONTIG-027865	52	34	64	19	0
CONTIG-027866	236	8	2	45	0
CONTIG-027867	111	2	5	8	0
CONTIG-027868	162	18	59	79	0
CONTIG-027869	292	13	20	77	0
CONTIG-027870	107	373	57	1379	42
CONTIG-027871	118	5	4	17	0
CONTIG-027872	93	8	29	4	0
CONTIG-027873	75	16	33	4	2
CONTIG-027874	194	64	95	231	21
CONTIG-027875	91	6	4	25	0
CONTIG-027876	84	3	3	0	0
CONTIG-027877	232	12	51	100	0

CONTIG-027878	70	5	2	15	0
CONTIG-027879	96	6	15	18	0
CONTIG-027881	138	10	35	44	0
CONTIG-027882	154	17	7	102	0
CONTIG-027883	97	6	6	2	0
CONTIG-027884	146	4	0	29	0
CONTIG-027885	153	5	33	4	0
CONTIG-027886	225	19	89	134	0
CONTIG-027887	120	7	7	31	2
CONTIG-027888	364	10	11	98	0
CONTIG-027890	66	7	0	5	0
CONTIG-027891	697	9	43	105	0
CONTIG-027893	396	28	130	353	2
CONTIG-027894	171	11	10	34	0
CONTIG-027895	131	29	23	173	0
CONTIG-027899	85	5	2	8	0
CONTIG-027900	70	4	0	11	0
CONTIG-027901	249	4	11	33	0
CONTIG-027902	618	128	54	27	0
CONTIG-027903	37	11	0	8	0
CONTIG-027904	106	7	3	28	0
CONTIG-027905	212	11	13	59	0
CONTIG-027906	103	5	8	15	0
CONTIG-027912	237	10	33	39	2
CONTIG-027913	206	43	78	334	4
CONTIG-027914	298	24	126	155	0
CONTIG-027915	263	33	14	412	9
CONTIG-027923	162	19	32	86	0
CONTIG-027924	98	4	11	10	0
CONTIG-027925	150	13	3	48	0
CONTIG-027927	451	12	67	141	0
CONTIG-027928	90	2	4	2	0
CONTIG-027929	267	11	30	29	2
CONTIG-027930	70	16	31	14	2
CONTIG-027931	171	7	0	37	0
CONTIG-027935	90	7	2	19	0
CONTIG-027936	243	18	44	113	0
CONTIG-027937	72	4	8	0	0
CONTIG-027938	263	20	54	116	2
CONTIG-027939	797	72	271	3330	2
CONTIG-027940	538	7	18	95	0
CONTIG-027941	1022	29	65	1722	0
CONTIG-027942	129	5	10	12	0
CONTIG-027943	70	10	3	26	0
CONTIG-027944	192	10	58	26	0
CONTIG-027948	74	15	31	3	0
CONTIG-027949	183	7	11	27	0

CONTIG-027950	63	3	4	0	0
CONTIG-027951	240	5	9	18	0
CONTIG-027952	83	6	8	2	0
CONTIG-027953	316	19	44	195	0
CONTIG-027954	85	10	27	10	0
CONTIG-027955	106	11	19	34	0
CONTIG-027957	372	18	15	140	0
CONTIG-027958	166	16	15	100	0
CONTIG-027959	102	11	83	11	0
CONTIG-027960	294	29	41	325	4
CONTIG-027961	238	20	203	146	0
CONTIG-027962	140	6	4	16	4
CONTIG-027963	69	5	0	0	0
CONTIG-027964	189	11	20	94	0
CONTIG-027965	91	19	32	29	0
CONTIG-027966	1253	18	185	968	2
CONTIG-027968	82	5	6	4	0
CONTIG-027969	60	3	2	4	0
CONTIG-027970	134	12	15	47	0
CONTIG-027971	75	16	16	48	2
CONTIG-027972	80	7	9	10	0
CONTIG-027973	145	35	53	142	4
CONTIG-027974	561	17	271	213	0
CONTIG-027975	85	6	7	7	0
CONTIG-027976	298	18	45	125	0
CONTIG-027977	111	7	0	17	2
CONTIG-027983	114	13	3	19	2
CONTIG-027984	176	12	27	58	0
CONTIG-027989	106	11	2	41	0
CONTIG-027990	201	13	26	50	0
CONTIG-027991	163	6	4	36	0
CONTIG-027992	107	9	15	0	0
CONTIG-027994	1098	15	166	536	2
CONTIG-027995	152	16	16	63	0
CONTIG-027996	283	8	36	51	0
CONTIG-027997	67	6	4	6	0
CONTIG-027998	40	147	16	92	0
CONTIG-027999	58	27	30	27	0
CONTIG-028000	138	24	53	63	4
CONTIG-028001	145	9	4	44	0
CONTIG-028002	64	10	21	5	0
CONTIG-028004	91	5	23	2	0
CONTIG-028006	71	2	3	0	0
CONTIG-028007	75	5	5	14	0
CONTIG-028008	62	6	4	8	0
CONTIG-028009	222	23	258	6	0
CONTIG-028010	110	8	5	19	0

CONTIG-028011	113	5	6	4	0
CONTIG-028012	297	13	26	152	0
CONTIG-028014	109	17	76	51	0
CONTIG-028015	81	5	2	10	0
CONTIG-028016	145	4	0	11	0
CONTIG-028017	69	6	0	15	0
CONTIG-028019	586	17	104	249	0
CONTIG-028020	75	6	5	15	0
CONTIG-028021	89	5	4	7	0
CONTIG-028022	115	6	7	13	0
CONTIG-028023	73	5	16	3	0
CONTIG-028024	231	32	20	422	0
CONTIG-028025	228	8	24	54	0
CONTIG-028026	87	8	14	7	0
CONTIG-028027	59	7	9	10	0
CONTIG-028028	62	4	4	7	0
CONTIG-028029	160	21	72	50	0
CONTIG-028030	63	25	19	42	0
CONTIG-028031	261	12	73	67	0
CONTIG-028032	90	5	4	6	0
CONTIG-028033	354	11	40	122	6
CONTIG-028034	63	6	2	4	0
CONTIG-028035	225	21	146	19	0
CONTIG-028036	261	8	17	62	0
CONTIG-028043	142	30	125	136	0
CONTIG-028044	158	13	4	67	0
CONTIG-028045	243	5	7	25	0
CONTIG-028046	637	12	53	292	0
CONTIG-028047	501	43	145	887	0
CONTIG-028048	299	13	178	126	0
CONTIG-028049	84	2	0	4	0
CONTIG-028050	128	6	0	21	0
CONTIG-028051	402	16	87	256	0
CONTIG-028052	281	30	24	248	0
CONTIG-028053	84	6	0	20	0
CONTIG-028054	161	14	21	119	0
CONTIG-028057	216	10	7	33	0
CONTIG-028058	770	16	88	367	2
CONTIG-028059	148	10	34	26	2
CONTIG-028060	182	8	60	13	0
CONTIG-028061	77	55	27	118	0
CONTIG-028062	325	10	56	105	2
CONTIG-028064	61	4	12	6	0
CONTIG-028065	329	54	98	380	0
CONTIG-028066	201	34	129	156	0
CONTIG-028071	745	19	126	556	0
CONTIG-028072	64	2	0	0	0

CONTIG-028073	175	6	11	25	0
CONTIG-028074	268	18	45	124	4
CONTIG-028075	207	15	28	80	2
CONTIG-028076	521	20	22	367	0
CONTIG-028077	897	22	22	1196	0
CONTIG-028078	47	20	2	16	0
CONTIG-028080	285	14	28	84	0
CONTIG-028081	395	12	16	205	0
CONTIG-028082	112	461	182	2094	0
CONTIG-028083	481	17	72	88	0
CONTIG-028084	68	22	57	13	0
CONTIG-028085	64	4	2	6	0
CONTIG-028088	50	366	46	370	11
CONTIG-028089	77	11	69	0	2
CONTIG-028090	659	18	46	277	4
CONTIG-028091	470	22	89	336	0
CONTIG-028093	503	17	102	261	0
CONTIG-028094	166	20	25	111	11
CONTIG-028095	66	17	39	19	0
CONTIG-028097	75	19	33	7	0
CONTIG-028098	161	16	19	94	2
CONTIG-028099	492	19	4	0	7
CONTIG-028100	338	9	16	6	0
CONTIG-028101	70	8	8	14	0
CONTIG-028102	665	21	124	93	0
CONTIG-028103	916	44	41	138	0
CONTIG-028104	107	340	36	2078	0
CONTIG-028105	83	4	0	16	0
CONTIG-028106	536	23	55	356	11
CONTIG-028107	217	11	41	45	5
CONTIG-028108	347	26	56	348	4
CONTIG-028109	75	9	12	25	0
CONTIG-028110	217	14	15	119	0
CONTIG-028111	391	12	55	164	0
CONTIG-028112	82	7	0	15	0
CONTIG-028113	58	4	11	2	0
CONTIG-028115	506	18	38	404	0
CONTIG-028116	309	19	34	328	0
CONTIG-028117	264	21	45	132	3
CONTIG-028118	243	37	120	321	2
CONTIG-028119	227	5	0	50	0
CONTIG-028120	271	16	19	177	0
CONTIG-028121	238	48	66	358	2
CONTIG-028122	73	5	9	4	0
CONTIG-028123	76	9	17	7	0
CONTIG-028124	400	7	70	76	0
CONTIG-028125	193	15	7	45	0

CONTIG-028126	294	36	19	522	0
CONTIG-028127	503	11	35	210	0
CONTIG-028128	67	21	53	24	0
CONTIG-028131	114	16	76	10	0
CONTIG-028132	114	4	7	11	0
CONTIG-028134	81	3	4	5	0
CONTIG-028135	493	12	123	78	0
CONTIG-028137	66	126	328	131	11
CONTIG-028138	406	11	74	136	0
CONTIG-028139	208	13	46	47	0
CONTIG-028140	80	4	2	14	0
CONTIG-028141	344	7	11	76	2
CONTIG-028149	176	9	21	40	0
CONTIG-028150	71	11	6	6	0
CONTIG-028151	546	11	13	320	0
CONTIG-028152	464	10	46	132	0
CONTIG-028153	248	7	0	56	0
CONTIG-028154	766	31	36	754	40
CONTIG-028155	417	13	93	163	0
CONTIG-028156	188	10	26	5	0
CONTIG-028157	39	2515	18	2	1425
CONTIG-028158	144	18	107	69	0
CONTIG-028159	763	22	50	643	18
CONTIG-028160	162	9	5	57	0
CONTIG-028161	125	9	12	38	0
CONTIG-028162	77	4	0	6	0
CONTIG-028165	645	26	93	641	10
CONTIG-028166	393	17	90	193	15
CONTIG-028167	126	7	14	29	0
CONTIG-028169	66	7	2	24	0
CONTIG-028170	766	10	54	236	2
CONTIG-028171	133	57	39	252	4
CONTIG-028172	112	5	0	0	0
CONTIG-028175	70	3	0	8	0
CONTIG-028176	118	109	12	0	68
CONTIG-028177	59	74	260	47	0
CONTIG-028178	193	5	8	25	0
CONTIG-028179	212	13	64	47	0
CONTIG-028180	247	8	14	39	0
CONTIG-028181	494	14	14	256	0
CONTIG-028182	509	13	27	149	7
CONTIG-028183	167	7	24	23	0
CONTIG-028190	55	50	12	94	0
CONTIG-028191	400	20	75	295	4
CONTIG-028192	105	4	8	11	0
CONTIG-028193	70	13	26	21	0
CONTIG-028194	69	6	11	4	0

CONTIG-028195	61	7	13	5	0
CONTIG-028196	277	12	7	88	0
CONTIG-028197	277	14	68	105	2
CONTIG-028198	274	11	8	72	7
CONTIG-028199	82	5	3	9	0
CONTIG-028200	77	5	5	8	0
CONTIG-028201	69	34	20	11	0
CONTIG-028202	93	3	6	4	0
CONTIG-028203	180	17	24	88	2
CONTIG-028205	66	2	0	0	0
CONTIG-028206	180	10	19	33	0
CONTIG-028207	65	3	3	2	0
CONTIG-028209	76	5	5	8	0
CONTIG-028210	91	9	11	16	2
CONTIG-028211	409	110	73	836	62
CONTIG-028212	216	7	4	49	0
CONTIG-028213	330	5	11	30	0
CONTIG-028214	430	13	11	190	0
CONTIG-028215	141	24	81	3	0
CONTIG-028218	80	13	5	20	0
CONTIG-028219	189	11	8	97	0
CONTIG-028220	464	8	4	88	6
CONTIG-028221	210	10	6	59	0
CONTIG-028222	293	4	2	19	2
CONTIG-028223	69	10	34	2	0
CONTIG-028224	111	6	28	4	0
CONTIG-028225	270	15	17	87	0
CONTIG-028226	319	12	40	145	0
CONTIG-028229	523	44	60	1053	97
CONTIG-028230	357	19	60	286	2
CONTIG-028231	276	14	124	149	0
CONTIG-028232	276	7	10	71	0
CONTIG-028233	329	9	31	62	0
CONTIG-028234	102	18	6	102	0
CONTIG-028235	172	8	25	13	0
CONTIG-028236	62	8	13	9	0
CONTIG-028237	1420	17	109	649	17
CONTIG-028238	390	24	63	267	4
CONTIG-028239	155	13	21	68	0
CONTIG-028240	79	14	7	21	0
CONTIG-028241	216	22	71	62	3
CONTIG-028242	222	13	18	67	0
CONTIG-028243	182	6	31	18	0
CONTIG-028244	93	822	59	3865	0
CONTIG-028245	457	24	95	196	2
CONTIG-028246	512	10	99	53	0
CONTIG-028247	202	5	30	19	0

CONTIG-028248	115	13	17	44	0
CONTIG-028249	114	11	7	27	0
CONTIG-028250	191	16	14	42	3
CONTIG-028252	184	55	34	0	63
CONTIG-028254	99	6	29	8	0
CONTIG-028255	131	28	33	51	0
CONTIG-028257	312	17	19	153	0
CONTIG-028258	61	4	2	6	0
CONTIG-028259	130	5	5	9	0
CONTIG-028260	416	10	42	194	0
CONTIG-028261	111	14	12	69	0
CONTIG-028262	162	9	5	54	0
CONTIG-028263	83	10	20	19	0
CONTIG-028264	257	7	11	70	0
CONTIG-028265	437	11	18	6	0
CONTIG-028266	69	65	49	51	0
CONTIG-028267	511	71	248	794	49
CONTIG-028268	122	5	15	6	0
CONTIG-028269	151	3	8	9	0
CONTIG-028270	273	10	73	47	0
CONTIG-028271	73	128	117	344	0
CONTIG-028272	384	22	85	281	4
CONTIG-028273	264	5	6	35	0
CONTIG-028274	272	15	22	24	0
CONTIG-028275	136	37	12	0	41
CONTIG-028276	111	17	39	61	0
CONTIG-028277	173	16	68	43	0
CONTIG-028278	62	3	0	3	0
CONTIG-028279	160	11	14	43	0
CONTIG-028280	458	34	54	243	11
CONTIG-028281	180	10	24	12	0
CONTIG-028282	607	20	64	252	17
CONTIG-028283	430	22	152	233	5
CONTIG-028285	150	6	8	20	0
CONTIG-028290	557	18	63	271	0
CONTIG-028291	458	20	107	263	7
CONTIG-028292	463	11	48	83	0
CONTIG-028293	90	15	0	49	0
CONTIG-028294	303	134	111	1664	11
CONTIG-028295	74	6	2	15	0
CONTIG-028299	325	11	103	91	0
CONTIG-028301	137	12	100	5	0
CONTIG-028302	301	7	3	73	0
CONTIG-028303	199	45	57	296	0
CONTIG-028304	123	8	3	32	3
CONTIG-028317	609	11	28	139	2
CONTIG-028318	305	9	17	24	0

CONTIG-028319	254	10	11	28	6
CONTIG-028320	384	15	91	84	0
CONTIG-028330	402	44	94	299	10
CONTIG-028331	144	14	0	0	4
CONTIG-028337	254	12	30	116	0
CONTIG-028341	437	9	35	85	0
CONTIG-028342	89	9	19	6	0
CONTIG-028343	75	22	85	41	0
CONTIG-028344	74	6	8	6	0
CONTIG-028345	47	273	346	86	25
CONTIG-028346	88	5	10	4	0
CONTIG-028347	67	6	10	2	0
CONTIG-028348	58	4	2	7	0
CONTIG-028349	144	16	156	15	0
CONTIG-028350	566	16	30	323	2
CONTIG-028352	170	9	4	29	0
CONTIG-028353	291	12	24	89	0
CONTIG-028354	62	9	6	17	0
CONTIG-028355	513	16	53	269	3
CONTIG-028356	57	63	78	138	0
CONTIG-028357	333	35	73	605	0
CONTIG-028359	233	26	66	155	0
CONTIG-028360	75	6	0	16	0
CONTIG-028361	69	4	8	7	0
CONTIG-028362	413	15	145	136	0
CONTIG-028363	65	8	6	17	2
CONTIG-028365	74	8	3	19	0
CONTIG-028367	54	12	5	17	0
CONTIG-028368	607	18	22	333	0
CONTIG-028369	356	20	65	279	0
CONTIG-028374	109	4	0	3	0
CONTIG-028375	1048	15	51	701	0
CONTIG-028380	191	11	11	57	0
CONTIG-028381	114	10	13	42	0
CONTIG-028382	429	20	35	199	4
CONTIG-028386	141	18	38	43	0
CONTIG-028387	176	16	77	87	0
CONTIG-028388	64	34	33	44	0
CONTIG-028389	244	9	32	66	0
CONTIG-028393	110	6	5	26	0
CONTIG-028394	434	20	13	285	6
CONTIG-028395	65	29	22	37	2
CONTIG-028396	96	36	4	200	0
CONTIG-028397	158	8	14	12	0
CONTIG-028398	110	9	4	35	0
CONTIG-028400	65	3	3	4	0
CONTIG-028403	80	8	24	14	0

CONTIG-028404	349	165	72	1751	183
CONTIG-028406	96	9	15	25	0
CONTIG-028407	73	14	14	2	0
CONTIG-028408	142	28	6	107	0
CONTIG-028409	1021	14	41	544	4
CONTIG-028410	150	9	4	35	0
CONTIG-028411	1695	22	254	1095	17
CONTIG-028412	292	14	3	60	0
CONTIG-028413	569	32	57	476	2
CONTIG-028414	409	5	13	47	0
CONTIG-028415	63	8	51	0	0
CONTIG-028416	111	12	57	19	0
CONTIG-028417	792	27	118	748	0
CONTIG-028418	168	9	47	48	0
CONTIG-028419	727	29	50	804	23
CONTIG-028420	524	9	44	50	6
CONTIG-028426	264	32	141	309	2
CONTIG-028427	208	11	46	75	0
CONTIG-028428	193	6	39	23	0
CONTIG-028429	120	14	77	17	0
CONTIG-028430	123	13	7	37	0
CONTIG-028431	249	20	13	26	0
CONTIG-028432	72	75	6	250	0
CONTIG-028433	185	10	20	73	0
CONTIG-028434	420	18	42	300	0
CONTIG-028435	169	14	19	111	0
CONTIG-028436	143	4	7	9	0
CONTIG-028438	184	20	4	114	5
CONTIG-028439	47	34	23	23	0
CONTIG-028441	150	9	13	46	0
CONTIG-028442	66	9	32	0	0
CONTIG-028443	233	26	14	308	0
CONTIG-028445	276	18	2	217	9
CONTIG-028446	543	12	75	120	0
CONTIG-028447	659	28	40	346	18
CONTIG-028448	224	9	34	62	0
CONTIG-028449	170	12	0	76	0
CONTIG-028450	88	8	13	19	0
CONTIG-028451	103	20	4	96	0
CONTIG-028452	320	13	64	93	2
CONTIG-028453	374	17	57	112	0
CONTIG-028454	123	10	14	34	0
CONTIG-028455	72	4	3	6	0
CONTIG-028456	479	23	111	360	2
CONTIG-028457	61	12	10	7	0
CONTIG-028458	111	28	28	142	0
CONTIG-028459	89	86	48	92	3

CONTIG-028463	577	35	16	633	65
CONTIG-028464	383	38	35	223	2
CONTIG-028465	132	8	8	39	0
CONTIG-028466	669	22	26	770	2
CONTIG-028467	233	15	160	40	0
CONTIG-028468	154	5	18	13	3
CONTIG-028469	329	13	158	78	0
CONTIG-028470	107	9	24	4	0
CONTIG-028471	67	10	57	0	0
CONTIG-028472	139	12	12	34	0
CONTIG-028473	65	9	2	2	0
CONTIG-028474	72	11	32	13	0
CONTIG-028475	117	9	5	34	0
CONTIG-028476	136	23	8	65	0
CONTIG-028477	186	18	19	106	2
CONTIG-028478	136	9	15	18	0
CONTIG-028479	97	13	2	32	0
CONTIG-028480	56	39	29	92	0
CONTIG-028481	162	146	115	909	2
CONTIG-028482	215	20	23	137	0
CONTIG-028483	62	3	6	5	0
CONTIG-028484	267	7	14	0	10
CONTIG-028485	133	15	8	91	0
CONTIG-028487	124	37	14	27	0
CONTIG-028488	69	5	16	7	0
CONTIG-028489	195	18	46	153	0
CONTIG-028490	215	19	172	121	0
CONTIG-028491	634	140	40	106	0
CONTIG-028492	215	46	16	208	6
CONTIG-028493	94	14	16	8	0
CONTIG-028495	91	6	17	19	0
CONTIG-028496	575	18	47	130	10
CONTIG-028497	232	7	7	28	2
CONTIG-028498	142	9	8	51	0
CONTIG-028499	129	13	10	19	0
CONTIG-028500	133	11	24	20	0
CONTIG-028501	70	3	6	5	0
CONTIG-028502	461	7	37	71	5
CONTIG-028503	245	15	67	157	0
CONTIG-028507	411	10	59	63	2
CONTIG-028508	170	32	109	191	0
CONTIG-028511	89	5	4	12	0
CONTIG-028512	386	18	5	212	2
CONTIG-028513	392	12	43	91	4
CONTIG-028514	428	40	17	547	0
CONTIG-028515	62	2	0	0	0
CONTIG-028518	110	5	8	17	0

CONTIG-028519	169	28	132	147	2
CONTIG-028520	72	5	18	0	0
CONTIG-028521	89	9	37	0	0
CONTIG-028522	146	14	78	29	0
CONTIG-028523	187	9	37	39	0
CONTIG-028524	151	6	5	32	0
CONTIG-028525	169	11	21	43	0
CONTIG-028526	294	16	107	114	0
CONTIG-028528	195	10	66	41	0
CONTIG-028529	259	26	46	347	0
CONTIG-028530	134	8	32	4	0
CONTIG-028531	395	16	57	105	2
CONTIG-028537	64	7	21	2	0
CONTIG-028539	72	13	50	0	0
CONTIG-028543	307	14	40	40	2
CONTIG-028544	281	62	123	978	0
CONTIG-028545	61	6	20	0	0
CONTIG-028546	69	6	2	13	0
CONTIG-028547	243	11	3	99	0
CONTIG-028552	936	13	68	231	11
CONTIG-028553	106	7	3	24	0
CONTIG-028554	70	10	2	22	0
CONTIG-028555	419	13	50	227	0
CONTIG-028556	172	12	29	46	0
CONTIG-028557	171	8	6	66	0
CONTIG-028558	155	3	6	0	0
CONTIG-028559	498	14	62	171	0
CONTIG-028560	137	11	29	47	0
CONTIG-028561	434	14	28	68	4
CONTIG-028562	68	30	101	30	0
CONTIG-028563	121	12	110	13	0
CONTIG-028564	165	11	18	63	0
CONTIG-028565	112	8	0	33	0
CONTIG-028567	180	7	3	38	0
CONTIG-028568	401	13	35	159	4
CONTIG-028569	139	18	35	93	0
CONTIG-028573	155	12	10	63	2
CONTIG-028574	68	4	9	2	0
CONTIG-028575	180	9	18	51	0
CONTIG-028579	293	34	74	315	8
CONTIG-028580	59	4	5	8	0
CONTIG-028581	112	6	6	12	0
CONTIG-028582	90	6	17	0	0
CONTIG-028583	156	6	23	10	0
CONTIG-028587	279	25	38	182	2
CONTIG-028588	508	19	51	212	10
CONTIG-028589	483	19	132	229	0

CONTIG-028590	150	20	34	74	0
CONTIG-028591	142	12	39	42	0
CONTIG-028592	129	8	12	19	0
CONTIG-028593	196	9	11	54	2
CONTIG-028594	345	6	14	47	0
CONTIG-028595	97	11	28	14	0
CONTIG-028596	481	11	19	268	0
CONTIG-028597	45	514	39	756	92
CONTIG-028598	91	6	15	13	0
CONTIG-028599	393	10	28	144	0
CONTIG-028600	474	14	2	214	6
CONTIG-028601	67	6	0	4	0
CONTIG-028605	266	9	79	32	0
CONTIG-028608	150	9	30	2	0
CONTIG-028609	107	9	22	2	0
CONTIG-028610	119	12	6	42	4
CONTIG-028611	347	7	17	65	0
CONTIG-028612	205	8	8	72	0
CONTIG-028613	240	20	84	79	0
CONTIG-028614	292	6	31	60	0
CONTIG-028615	119	6	12	15	0
CONTIG-028616	782	25	88	802	0
CONTIG-028617	786	23	6	80	0
CONTIG-028618	72	23	5	64	0
CONTIG-028619	117	49	10	262	3
CONTIG-028620	228	5	5	30	0
CONTIG-028621	121	9	18	32	0
CONTIG-028622	287	34	7	2	0
CONTIG-028623	221	14	4	93	0
CONTIG-028624	109	6	12	7	0
CONTIG-028625	102	145	75	181	0
CONTIG-028626	234	46	48	593	0
CONTIG-028627	181	30	117	146	0
CONTIG-028628	146	8	11	34	0
CONTIG-028629	237	8	38	30	0
CONTIG-028631	293	8	45	53	0
CONTIG-028633	61	5	2	7	0
CONTIG-028634	89	11	29	16	0
CONTIG-028636	358	10	34	134	0
CONTIG-028637	152	12	42	51	0
CONTIG-028638	538	36	108	748	13
CONTIG-028639	274	19	19	148	0
CONTIG-028640	158	15	12	94	0
CONTIG-028641	145	5	2	17	0
CONTIG-028642	101	8	11	24	0
CONTIG-028643	265	39	144	195	0
CONTIG-028645	859	21	80	627	10

CONTIG-028646	513	24	35	397	6
CONTIG-028647	200	12	17	68	0
CONTIG-028648	413	44	96	855	4
CONTIG-028649	72	8	6	10	0
CONTIG-028650	935	18	39	545	2
CONTIG-028651	95	7	0	4	0
CONTIG-028652	369	18	69	130	0
CONTIG-028653	151	6	8	24	0
CONTIG-028654	237	40	81	186	2
CONTIG-028655	65	9	12	8	0
CONTIG-028656	61	2	0	2	0
CONTIG-028660	156	9	16	40	0
CONTIG-028661	98	4	0	21	0
CONTIG-028662	63	3	0	5	0
CONTIG-028663	71	11	30	2	0
CONTIG-028664	410	27	130	106	0
CONTIG-028665	95	7	0	0	0
CONTIG-028666	101	12	51	8	0
CONTIG-028667	318	88	9	0	664
CONTIG-028668	265	9	5	42	3
CONTIG-028669	281	17	18	174	0
CONTIG-028670	88	10	19	25	0
CONTIG-028671	78	4	0	3	0
CONTIG-028672	59	6	2	7	0
CONTIG-028673	206	10	43	55	0
CONTIG-028674	242	21	12	177	7
CONTIG-028679	1026	25	85	1423	0
CONTIG-028680	158	5	5	28	0
CONTIG-028681	209	6	4	29	0
CONTIG-028682	162	9	13	31	0
CONTIG-028683	563	13	23	44	0
CONTIG-028685	73	10	25	3	0
CONTIG-028686	197	12	12	59	0
CONTIG-028687	211	12	5	40	6
CONTIG-028688	125	5	8	14	0
CONTIG-028689	136	5	32	11	0
CONTIG-028690	369	28	57	464	0
CONTIG-028691	82	31	12	107	0
CONTIG-028692	86	5	3	18	0
CONTIG-028693	97	4	0	11	0
CONTIG-028694	107	9	4	30	0
CONTIG-028695	92	6	24	5	0
CONTIG-028696	296	14	195	81	0
CONTIG-028697	155	9	13	47	0
CONTIG-028698	319	11	42	94	0
CONTIG-028699	288	5	5	23	0
CONTIG-028700	97	5	10	4	0

CONTIG-028701	224	10	17	71	0
CONTIG-028702	113	13	17	53	0
CONTIG-028703	70	4	5	5	0
CONTIG-028704	130	11	12	25	0
CONTIG-028705	208	6	30	42	0
CONTIG-028706	182	9	20	36	0
CONTIG-028707	425	12	38	165	0
CONTIG-028708	60	11	0	0	0
CONTIG-028709	59	10	7	18	0
CONTIG-028710	143	11	0	74	0
CONTIG-028711	382	9	38	118	0
CONTIG-028712	1115	18	58	764	5
CONTIG-028713	642	24	147	422	6
CONTIG-028714	66	261	95	600	21
CONTIG-028715	541	37	145	555	2
CONTIG-028716	186	7	5	30	0
CONTIG-028717	169	22	5	165	0
CONTIG-028718	270	8	30	16	0
CONTIG-028719	1118	25	76	1309	4
CONTIG-028720	99	3	0	5	0
CONTIG-028721	210	28	40	196	0
CONTIG-028722	181	12	2	94	0
CONTIG-028723	202	10	8	47	0
CONTIG-028724	112	8	9	2	0
CONTIG-028725	67	11	0	27	2
CONTIG-028726	312	30	7	51	0
CONTIG-028727	79	7	5	11	0
CONTIG-028728	237	9	9	44	0
CONTIG-028731	391	14	29	277	0
CONTIG-028734	211	6	20	10	0
CONTIG-028735	107	9	2	10	0
CONTIG-028736	97	28	47	78	0
CONTIG-028737	274	8	36	66	0
CONTIG-028745	107	19	30	72	0
CONTIG-028746	468	20	74	382	0
CONTIG-028749	470	29	64	212	8
CONTIG-028750	527	15	74	164	0
CONTIG-028751	88	4	5	4	0
CONTIG-028752	65	10	23	4	0
CONTIG-028753	294	14	56	116	0
CONTIG-028754	63	6	4	15	0
CONTIG-028755	59	7	12	10	0
CONTIG-028758	126	16	37	50	0
CONTIG-028770	190	7	4	40	0
CONTIG-028771	155	5	7	26	0
CONTIG-028774	209	11	31	67	0
CONTIG-028775	779	14	98	321	4

CONTIG-028779	178	4	7	23	0
CONTIG-028780	76	8	2	17	0
CONTIG-028781	88	10	12	28	0
CONTIG-028782	58	50	38	94	0
CONTIG-028783	476	8	2	146	0
CONTIG-028785	72	9	0	12	4
CONTIG-028786	255	12	13	79	0
CONTIG-028787	192	27	24	177	2
CONTIG-028788	1153	25	57	185	0
CONTIG-028789	422	12	136	54	0
CONTIG-028790	95	5	2	5	2
CONTIG-028791	77	10	46	5	0
CONTIG-028792	124	7	5	12	0
CONTIG-028793	97	7	8	14	0
CONTIG-028795	119	4	6	17	0
CONTIG-028796	197	7	43	36	2
CONTIG-028797	53	141	280	170	0
CONTIG-028798	73	443	262	736	6
CONTIG-028799	59	4	10	3	0
CONTIG-028800	92	4	4	2	0
CONTIG-028801	111	8	19	2	0
CONTIG-028802	288	9	13	57	0
CONTIG-028803	117	8	25	26	0
CONTIG-028804	79	6	9	6	0
CONTIG-028806	77	8	11	4	0
CONTIG-028807	108	12	10	46	0
CONTIG-028808	370	8	68	94	0
CONTIG-028809	74	6	9	3	0
CONTIG-028810	169	13	5	83	0
CONTIG-028813	379	23	30	61	0
CONTIG-028814	129	53	19	24	0
CONTIG-028815	68	3	0	4	0
CONTIG-028816	136	23	16	102	2
CONTIG-028818	197	6	6	36	0
CONTIG-028819	589	27	64	823	0
CONTIG-028820	167	9	19	5	0
CONTIG-028821	264	9	22	54	2
CONTIG-028822	518	51	27	49	0
CONTIG-028824	98	16	33	16	0
CONTIG-028825	101	8	0	4	0
CONTIG-028826	114	4	3	11	0
CONTIG-028827	294	78	24	1327	0
CONTIG-028828	113	13	19	46	2
CONTIG-028829	206	10	12	72	0
CONTIG-028830	103	7	10	12	0
CONTIG-028831	94	22	15	54	3
CONTIG-028832	420	15	35	257	0

CONTIG-028833	343	12	21	100	0
CONTIG-028834	156	13	56	60	2
CONTIG-028835	115	3	5	10	0
CONTIG-028836	668	12	33	130	0
CONTIG-028837	247	14	28	104	0
CONTIG-028838	246	21	33	126	0
CONTIG-028839	207	10	21	55	0
CONTIG-028840	58	16	54	2	0
CONTIG-028841	81	6	20	11	0
CONTIG-028842	73	3	5	2	0
CONTIG-028843	115	7	5	20	0
CONTIG-028844	280	19	92	122	2
CONTIG-028846	117	4	9	2	0
CONTIG-028855	586	25	81	580	0
CONTIG-028856	86	6	0	16	0
CONTIG-028857	307	27	43	288	5
CONTIG-028860	70	6	0	8	0
CONTIG-028861	662	14	96	243	8
CONTIG-028862	529	11	40	181	2
CONTIG-028864	443	35	63	829	0
CONTIG-028865	515	46	232	494	15
CONTIG-028867	500	12	37	147	0
CONTIG-028868	78	8	25	9	0
CONTIG-028869	111	9	63	10	0
CONTIG-028870	72	1552	173	4691	0
CONTIG-028871	168	12	14	40	0
CONTIG-028872	197	7	4	39	0
CONTIG-028873	419	15	5	12	0
CONTIG-028874	467	8	9	133	0
CONTIG-028875	213	19	66	74	0
CONTIG-028877	72	3	2	8	0
CONTIG-028878	153	8	33	28	0
CONTIG-028881	230	21	33	119	0
CONTIG-028882	110	39	9	96	2
CONTIG-028883	92	8	6	28	0
CONTIG-028884	59	6	0	0	0
CONTIG-028885	58	7	6	10	0
CONTIG-028886	229	139	27	0	0
CONTIG-028887	136	6	8	4	2
CONTIG-028888	264	25	50	159	6
CONTIG-028889	236	19	19	146	0
CONTIG-028890	393	10	36	64	0
CONTIG-028891	258	5	0	34	0
CONTIG-028892	124	14	0	24	0
CONTIG-028893	99	7	2	25	0
CONTIG-028894	235	25	16	4	0
CONTIG-028895	122	8	3	2	0

CONTIG-028896	280	12	39	119	2
CONTIG-028897	347	34	31	679	2
CONTIG-028898	109	4	0	9	0
CONTIG-028899	353	9	42	48	2
CONTIG-028900	92	4	6	6	0
CONTIG-028901	235	11	59	59	0
CONTIG-028902	98	7	4	2	6
CONTIG-028905	182	8	29	34	0
CONTIG-028906	80	4	12	10	0
CONTIG-028907	99	6	10	17	0
CONTIG-028908	297	11	35	66	0
CONTIG-028909	63	6	2	13	0
CONTIG-028910	130	5	5	17	0
CONTIG-028911	234	32	10	315	0
CONTIG-028912	145	10	15	35	0
CONTIG-028913	487	26	6	0	92
CONTIG-028914	152	12	13	32	0
CONTIG-028915	122	6	11	26	0
CONTIG-028916	968	50	18	22	0
CONTIG-028919	177	21	121	95	0
CONTIG-028920	1200	22	138	1068	6
CONTIG-028921	229	24	120	190	0
CONTIG-028923	418	25	34	337	4
CONTIG-028924	589	14	63	299	0
CONTIG-028925	1169	11	48	531	0
CONTIG-028926	238	10	9	76	4
CONTIG-028927	190	8	3	43	4
CONTIG-028928	117	6	20	4	2
CONTIG-028929	104	3	10	2	0
CONTIG-028930	94	7	2	2	0
CONTIG-028931	127	5	0	22	0
CONTIG-028932	259	33	82	201	4
CONTIG-028933	324	18	9	196	12
CONTIG-028934	36	37	0	34	2
CONTIG-028935	138	11	17	30	2
CONTIG-028936	431	13	36	198	4
CONTIG-028937	82	3	0	5	0
CONTIG-028938	1108	17	90	990	0
CONTIG-028939	224	8	17	45	0
CONTIG-028940	203	6	15	41	0
CONTIG-028941	191	16	26	146	0
CONTIG-028942	488	15	76	287	2
CONTIG-028943	585	12	72	166	2
CONTIG-028944	197	8	3	0	13
CONTIG-028945	285	20	33	181	0
CONTIG-028946	66	5	6	9	0
CONTIG-028948	133	42	12	287	2

CONTIG-028949	75	8	2	6	0
CONTIG-028950	503	9	68	85	2
CONTIG-028952	96	4	0	2	0
CONTIG-028953	660	15	86	274	4
CONTIG-028954	128	21	85	91	0
CONTIG-028955	491	9	18	149	0
CONTIG-028956	85	6	2	16	0
CONTIG-028957	71	15	22	40	2
CONTIG-028958	396	20	136	220	0
CONTIG-028959	278	15	55	132	0
CONTIG-028960	195	9	12	76	0
CONTIG-028961	329	61	21	1060	2
CONTIG-028962	361	19	87	280	0
CONTIG-028963	267	10	5	31	0
CONTIG-028964	113	3	0	11	0
CONTIG-028969	146	4	3	11	0
CONTIG-028970	569	20	169	363	0
CONTIG-028971	73	10	8	21	0
CONTIG-028972	59	22	43	12	0
CONTIG-028973	67	7	2	4	0
CONTIG-028975	500	16	139	336	0
CONTIG-028976	119	7	4	14	0
CONTIG-028977	76	6	4	9	0
CONTIG-028978	97	7	21	7	0
CONTIG-028979	400	15	25	278	0
CONTIG-028980	340	14	9	5	0
CONTIG-028981	655	12	48	330	0
CONTIG-028982	154	8	5	28	2
CONTIG-028983	225	194	101	1762	13
CONTIG-028984	558	18	41	372	2
CONTIG-028985	146	7	12	17	0
CONTIG-028986	759	41	221	1769	0
CONTIG-028987	161	21	210	45	0
CONTIG-028988	710	19	127	342	4
CONTIG-028989	278	7	31	39	0
CONTIG-028990	465	14	36	163	0
CONTIG-028991	239	14	119	73	0
CONTIG-028992	151	18	91	34	0
CONTIG-028993	175	53	24	545	0
CONTIG-028994	653	12	22	293	0
CONTIG-028996	210	9	32	22	0
CONTIG-028997	303	6	14	44	0
CONTIG-028998	58	22	4	32	0
CONTIG-028999	42	79	8	98	0
CONTIG-029002	150	11	16	62	0
CONTIG-029003	156	13	9	20	0
CONTIG-029004	104	83	240	53	12

CONTIG-029005	205	7	13	14	0
CONTIG-029006	1174	36	24	150	9
CONTIG-029007	189	5	2	23	0
CONTIG-029008	92	11	25	0	0
CONTIG-029009	182	13	17	94	0
CONTIG-029010	388	20	14	0	29
CONTIG-029012	63	109	91	318	2
CONTIG-029013	67	3	4	5	0
CONTIG-029014	562	11	101	90	0
CONTIG-029015	81	17	11	42	0
CONTIG-029016	76	5	7	13	0
CONTIG-029017	434	8	23	126	0
CONTIG-029018	104	6	19	22	0
CONTIG-029019	266	18	6	237	0
CONTIG-029027	68	16	31	16	0
CONTIG-029030	595	14	58	212	6
CONTIG-029031	92	11	5	30	0
CONTIG-029033	521	14	110	169	4
CONTIG-029034	389	21	51	357	0
CONTIG-029035	146	14	76	51	0
CONTIG-029036	72	9	13	0	0
CONTIG-029037	1392	24	98	1051	2
CONTIG-029038	390	20	13	10	0
CONTIG-029039	202	8	15	18	0
CONTIG-029040	174	6	4	14	0
CONTIG-029041	78	13	12	8	0
CONTIG-029042	157	14	13	62	0
CONTIG-029043	168	13	11	78	0
CONTIG-029044	110	10	19	8	0
CONTIG-029045	100	4	22	3	0
CONTIG-029054	201	6	13	27	0
CONTIG-029055	159	6	22	4	0
CONTIG-029057	93	309	152	425	10
CONTIG-029058	397	13	67	160	0
CONTIG-029061	482	16	35	312	2
CONTIG-029062	194	10	26	71	2
CONTIG-029063	430	12	59	165	0
CONTIG-029064	845	24	44	424	10
CONTIG-029065	713	17	34	308	6
CONTIG-029067	94	15	39	31	0
CONTIG-029069	126	9	4	54	0
CONTIG-029070	266	10	4	87	0
CONTIG-029071	64	26	7	0	0
CONTIG-029073	87	13	4	52	0
CONTIG-029074	184	9	0	82	0
CONTIG-029083	75	3	0	2	0
CONTIG-029084	76	7	11	8	0

CONTIG-029085	68	7	9	11	0
CONTIG-029086	137	5	9	17	0
CONTIG-029087	739	25	115	295	6
CONTIG-029088	192	12	40	86	0
CONTIG-029089	376	17	36	273	4
CONTIG-029090	73	14	26	25	0
CONTIG-029091	348	21	78	150	0
CONTIG-029092	73	17	19	40	2
CONTIG-029093	68	3	7	0	0
CONTIG-029094	516	22	145	342	2
CONTIG-029095	802	27	31	1289	0
CONTIG-029096	220	11	6	61	0
CONTIG-029097	74	7	45	5	0
CONTIG-029098	77	12	11	22	0
CONTIG-029099	646	25	73	482	6
CONTIG-029100	166	8	62	28	0
CONTIG-029101	84	5	0	4	0
CONTIG-029102	58	6	0	12	0
CONTIG-029103	105	11	10	2	0
CONTIG-029104	491	14	2	73	18
CONTIG-029110	311	11	15	113	0
CONTIG-029112	70	14	39	8	0
CONTIG-029113	487	113	26	1664	2
CONTIG-029114	113	12	12	16	0
CONTIG-029115	67	12	4	12	0
CONTIG-029116	108	6	20	0	0
CONTIG-029118	122	8	0	41	0
CONTIG-029119	118	7	43	9	0
CONTIG-029120	60	6	0	19	0
CONTIG-029121	742	73	90	2087	0
CONTIG-029122	63	12	11	28	0
CONTIG-029123	194	8	4	47	0
CONTIG-029124	195	10	25	58	0
CONTIG-029125	1025	13	12	172	51
CONTIG-029126	520	11	6	198	0
CONTIG-029127	102	83	95	302	0
CONTIG-029128	71	4	9	0	0
CONTIG-029129	523	21	152	218	2
CONTIG-029132	45	98	11	164	0
CONTIG-029133	367	15	84	113	2
CONTIG-029134	115	24	73	8	0
CONTIG-029135	363	9	14	77	4
CONTIG-029140	352	11	26	119	0
CONTIG-029141	360	9	14	59	0
CONTIG-029142	63	6	3	4	0
CONTIG-029143	101	25	38	119	0
CONTIG-029144	143	10	3	17	0

CONTIG-029145	67	9	3	8	0
CONTIG-029146	253	30	57	298	4
CONTIG-029148	89	6	31	0	0
CONTIG-029150	871	15	146	298	0
CONTIG-029151	661	12	38	245	2
CONTIG-029152	1633	25	167	1216	104
CONTIG-029153	59	5	4	0	0
CONTIG-029154	68	8	2	21	0
CONTIG-029155	66	10	6	11	4
CONTIG-029157	252	19	67	118	0
CONTIG-029158	91	11	4	25	0
CONTIG-029160	129	7	8	30	0
CONTIG-029161	97	5	0	25	0
CONTIG-029162	155	4	0	19	0
CONTIG-029163	59	10	31	0	0
CONTIG-029164	87	6	8	13	0
CONTIG-029165	134	8	21	26	0
CONTIG-029166	66	15	10	39	0
CONTIG-029167	199	9	5	99	0
CONTIG-029168	307	10	14	89	0
CONTIG-029169	90	44	46	174	0
CONTIG-029170	942	25	122	622	0
CONTIG-029171	321	9	7	82	0
CONTIG-029172	219	9	30	41	0
CONTIG-029173	175	25	105	96	4
CONTIG-029174	82	8	29	5	0
CONTIG-029181	123	11	22	23	0
CONTIG-029182	380	8	12	99	0
CONTIG-029183	117	4	16	2	0
CONTIG-029184	73	4	2	7	0
CONTIG-029185	415	10	26	92	0
CONTIG-029186	413	11	112	127	0
CONTIG-029187	69	19	22	52	0
CONTIG-029188	63	5	2	0	0
CONTIG-029189	744	21	36	534	2
CONTIG-029190	86	5	5	10	0
CONTIG-029191	219	17	34	54	0
CONTIG-029192	117	9	24	28	0
CONTIG-029193	66	5	2	0	0
CONTIG-029194	264	8	24	57	2
CONTIG-029195	103	5	8	17	0
CONTIG-029196	114	96	74	25	0
CONTIG-029198	641	17	78	425	6
CONTIG-029200	768	12	41	333	0
CONTIG-029201	264	22	213	68	2
CONTIG-029202	204	10	3	69	0
CONTIG-029203	273	9	5	87	0

CONTIG-029204	307	15	39	153	2
CONTIG-029205	140	10	30	41	2
CONTIG-029206	176	4	8	19	0
CONTIG-029207	128	7	4	15	0
CONTIG-029208	179	6	2	32	0
CONTIG-029210	689	18	117	440	4
CONTIG-029211	352	9	22	91	0
CONTIG-029212	202	5	0	23	0
CONTIG-029214	178	15	25	88	0
CONTIG-029215	110	7	11	31	0
CONTIG-029216	377	11	13	105	4
CONTIG-029217	85	43	110	61	0
CONTIG-029218	81	8	45	4	0
CONTIG-029219	174	7	16	28	0
CONTIG-029220	899	25	51	589	16
CONTIG-029221	160	64	151	296	0
CONTIG-029222	332	19	37	140	0
CONTIG-029223	165	42	77	146	0
CONTIG-029226	362	47	8	802	0
CONTIG-029227	120	13	62	8	0
CONTIG-029228	254	15	9	84	2
CONTIG-029229	607	17	159	237	2
CONTIG-029230	75	3	9	0	0
CONTIG-029231	76	7	9	10	0
CONTIG-029233	306	15	21	183	0
CONTIG-029236	316	8	9	55	0
CONTIG-029237	77	4	0	0	2
CONTIG-029238	224	9	36	18	0
CONTIG-029239	149	6	2	25	0
CONTIG-029240	149	10	0	44	0
CONTIG-029241	104	2	2	6	0
CONTIG-029242	324	7	42	53	0
CONTIG-029243	277	11	42	75	0
CONTIG-029244	362	9	3	86	2
CONTIG-029245	176	5	9	15	0
CONTIG-029246	82	8	20	7	0
CONTIG-029247	102	5	12	4	0
CONTIG-029248	89	7	5	13	2
CONTIG-029249	312	22	87	78	7
CONTIG-029250	393	18	42	211	0
CONTIG-029252	448	18	27	437	0
CONTIG-029253	516	17	66	333	0
CONTIG-029254	497	11	10	180	0
CONTIG-029259	190	14	93	56	0
CONTIG-029260	135	3	14	2	0
CONTIG-029261	61	22	12	0	0
CONTIG-029262	173	5	26	17	0

CONTIG-029263	138	6	3	21	0
CONTIG-029264	269	8	17	58	7
CONTIG-029270	138	7	12	22	0
CONTIG-029271	63	7	3	5	0
CONTIG-029272	74	21	13	39	0
CONTIG-029273	383	19	57	40	0
CONTIG-029274	118	6	5	26	0
CONTIG-029277	47	188	32	11	0
CONTIG-029278	87	6	2	21	0
CONTIG-029279	78	4	3	9	0
CONTIG-029280	69	10	4	6	0
CONTIG-029281	98	7	12	17	0
CONTIG-029282	106	8	35	2	0
CONTIG-029283	242	9	12	42	0
CONTIG-029284	190	14	53	30	0
CONTIG-029285	366	15	9	98	0
CONTIG-029286	59	7	28	0	0
CONTIG-029287	105	12	75	11	0
CONTIG-029288	132	6	10	25	0
CONTIG-029290	216	60	75	420	4
CONTIG-029291	83	9	7	18	0
CONTIG-029292	266	12	2	158	0
CONTIG-029293	331	6	2	55	0
CONTIG-029295	429	12	33	241	0
CONTIG-029296	536	13	30	329	2
CONTIG-029297	113	5	3	10	0
CONTIG-029298	122	7	8	26	0
CONTIG-029299	63	4	2	0	0
CONTIG-029300	384	9	40	48	0
CONTIG-029302	99	8	0	23	0
CONTIG-029303	141	7	6	20	0
CONTIG-029304	168	8	22	18	0
CONTIG-029305	68	8	9	5	0
CONTIG-029306	548	20	102	240	2
CONTIG-029307	69	17	49	0	0
CONTIG-029308	300	8	10	83	0
CONTIG-029309	389	20	89	343	0
CONTIG-029310	83	7	7	23	0
CONTIG-029311	69	10	6	19	0
CONTIG-029312	105	19	23	33	0
CONTIG-029313	220	11	19	74	0
CONTIG-029314	69	3	2	6	0
CONTIG-029315	207	13	74	34	0
CONTIG-029316	83	7	17	17	0
CONTIG-029320	306	49	105	652	20
CONTIG-029321	657	28	185	506	0
CONTIG-029322	517	10	51	198	0

CONTIG-029323	99	495	43	1831	0
CONTIG-029324	785	21	15	573	8
CONTIG-029325	131	4	5	13	0
CONTIG-029326	224	8	7	63	0
CONTIG-029327	63	8	10	7	0
CONTIG-029328	184	8	3	24	2
CONTIG-029330	130	5	10	3	0
CONTIG-029331	115	22	94	17	0
CONTIG-029332	772	13	53	274	4
CONTIG-029333	178	7	6	28	0
CONTIG-029334	586	24	89	449	15
CONTIG-029335	163	9	12	42	0
CONTIG-029336	61	6	17	4	0
CONTIG-029337	157	48	29	104	0
CONTIG-029338	304	17	84	192	3
CONTIG-029339	66	185	57	108	0
CONTIG-029340	378	10	73	96	0
CONTIG-029341	170	15	44	49	0
CONTIG-029342	241	8	8	24	0
CONTIG-029344	352	33	136	427	2
CONTIG-029345	144	10	9	53	0
CONTIG-029346	324	14	38	194	0
CONTIG-029347	117	7	7	33	0
CONTIG-029348	166	280	85	1487	131
CONTIG-029349	1020	42	98	2531	0
CONTIG-029352	251	16	25	76	0
CONTIG-029357	467	21	22	378	0
CONTIG-029358	193	10	38	65	4
CONTIG-029359	200	16	47	117	0
CONTIG-029360	138	99	76	591	0
CONTIG-029361	216	11	11	104	0
CONTIG-029362	73	3	5	2	0
CONTIG-029363	92	31	65	13	0
CONTIG-029364	36	494	19	451	0
CONTIG-029366	293	50	11	12	120
CONTIG-029367	130	13	20	60	0
CONTIG-029369	596	15	12	27	0
CONTIG-029370	82	22	60	9	0
CONTIG-029371	652	22	30	645	0
CONTIG-029373	183	13	4	91	0
CONTIG-029374	95	4	6	6	0
CONTIG-029378	298	51	56	199	0
CONTIG-029380	69	7	9	11	0
CONTIG-029381	190	18	47	93	0
CONTIG-029382	82	6	0	8	0
CONTIG-029383	61	16	26	17	2
CONTIG-029384	498	17	20	455	0

CONTIG-029385	44	12	5	10	0
CONTIG-029386	643	36	217	319	2
CONTIG-029387	662	22	77	446	0
CONTIG-029388	88	5	4	7	0
CONTIG-029389	48	57	32	88	0
CONTIG-029390	58	6	2	0	0
CONTIG-029391	113	5	15	12	0
CONTIG-029392	179	21	5	123	2
CONTIG-029393	59	32	15	52	0
CONTIG-029394	198	10	12	69	0
CONTIG-029395	262	6	15	60	0
CONTIG-029396	188	15	6	115	0
CONTIG-029397	431	9	10	97	0
CONTIG-029398	95	12	19	35	0
CONTIG-029399	128	9	7	9	0
CONTIG-029400	197	17	71	37	0
CONTIG-029401	300	8	15	100	0
CONTIG-029402	435	35	90	16	94
CONTIG-029404	258	7	18	38	0
CONTIG-029405	334	8	5	46	0
CONTIG-029406	416	10	35	110	0
CONTIG-029407	237	13	10	67	0
CONTIG-029408	67	8	21	10	0
CONTIG-029409	61	9	10	0	0
CONTIG-029412	78	3	0	7	0
CONTIG-029414	404	12	24	130	0
CONTIG-029415	251	7	0	46	0
CONTIG-029416	85	10	20	17	2
CONTIG-029417	149	15	8	101	0
CONTIG-029418	220	20	15	129	0
CONTIG-029420	306	15	13	124	5
CONTIG-029421	469	8	29	60	0
CONTIG-029422	135	4	3	5	0
CONTIG-029423	185	22	34	110	0
CONTIG-029424	270	20	16	173	9
CONTIG-029425	124	7	3	33	0
CONTIG-029426	235	9	21	18	0
CONTIG-029427	558	15	100	239	17
CONTIG-029428	261	46	151	535	0
CONTIG-029429	1073	14	135	321	10
CONTIG-029430	141	20	86	6	0
CONTIG-029431	151	9	19	37	2
CONTIG-029432	376	16	22	83	4
CONTIG-029433	143	12	10	57	0
CONTIG-029434	70	4	3	0	0
CONTIG-029435	281	32	23	405	2
CONTIG-029436	172	13	16	84	0

CONTIG-029437	133	15	29	68	2
CONTIG-029438	82	4	2	9	0
CONTIG-029440	136	6	2	22	2
CONTIG-029441	83	3	3	2	0
CONTIG-029443	114	4	2	5	0
CONTIG-029445	284	49	117	495	2
CONTIG-029446	175	7	9	41	0
CONTIG-029447	156	8	5	36	0
CONTIG-029451	81	8	0	14	0
CONTIG-029452	94	24	82	38	0
CONTIG-029453	101	10	11	34	0
CONTIG-029456	301	6	31	24	0
CONTIG-029457	146	4	4	4	0
CONTIG-029459	118	12	67	6	0
CONTIG-029460	224	8	11	43	0
CONTIG-029461	259	40	151	335	11
CONTIG-029462	731	27	211	274	0
CONTIG-029463	208	54	74	340	0
CONTIG-029464	559	14	35	272	2
CONTIG-029465	114	23	65	87	0
CONTIG-029466	101	361	150	1463	5
CONTIG-029467	176	15	22	78	0
CONTIG-029468	171	6	6	17	0
CONTIG-029469	104	5	7	0	0
CONTIG-029470	128	10	4	51	0
CONTIG-029472	66	4	3	12	0
CONTIG-029473	47	882	123	107	0
CONTIG-029474	130	10	79	19	0
CONTIG-029475	74	193	35	939	0
CONTIG-029476	95	5	15	11	0
CONTIG-029477	196	5	22	32	0
CONTIG-029478	119	6	28	17	0
CONTIG-029479	274	10	20	115	0
CONTIG-029481	288	12	15	100	4
CONTIG-029482	194	9	8	48	0
CONTIG-029484	111	5	5	17	0
CONTIG-029485	520	19	78	126	6
CONTIG-029486	122	7	0	28	0
CONTIG-029487	418	12	39	166	0
CONTIG-029488	60	4	2	4	0
CONTIG-029489	77	5	8	8	0
CONTIG-029491	46	23	2	46	0
CONTIG-029492	111	20	40	51	0
CONTIG-029493	203	20	26	171	6
CONTIG-029494	400	10	45	112	0
CONTIG-029495	61	13	6	25	0
CONTIG-029496	229	7	7	17	0

CONTIG-029497	142	16	21	116	0
CONTIG-029498	61	3	4	0	0
CONTIG-029499	156	8	0	54	0
CONTIG-029500	78	12	6	22	0
CONTIG-029501	378	12	46	114	7
CONTIG-029505	61	10	4	15	0
CONTIG-029506	282	48	65	415	2
CONTIG-029507	50	8	3	0	0
CONTIG-029508	148	6	2	41	0
CONTIG-029509	180	22	158	70	2
CONTIG-029510	219	4	2	28	0
CONTIG-029511	158	6	10	20	0
CONTIG-029512	79	7	0	21	0
CONTIG-029513	71	7	6	14	0
CONTIG-029514	107	14	11	59	0
CONTIG-029515	88	8	21	6	0
CONTIG-029516	98	8	10	5	0
CONTIG-029517	145	18	11	135	0
CONTIG-029521	120	7	3	22	0
CONTIG-029523	310	24	28	297	4
CONTIG-029528	370	18	48	29	6
CONTIG-029529	160	14	7	115	0
CONTIG-029530	344	20	57	154	0
CONTIG-029536	397	14	13	194	2
CONTIG-029537	155	23	24	58	0
CONTIG-029538	246	7	7	56	0
CONTIG-029539	253	14	38	91	0
CONTIG-029540	579	25	50	395	2
CONTIG-029542	475	13	79	160	0
CONTIG-029543	150	7	25	27	0
CONTIG-029544	181	14	55	62	0
CONTIG-029545	685	12	87	216	0
CONTIG-029546	97	5	10	3	0
CONTIG-029547	66	7	7	10	0
CONTIG-029548	52	8	7	4	0
CONTIG-029549	696	25	226	606	7
CONTIG-029556	74	6	15	10	0
CONTIG-029557	104	7	5	13	0
CONTIG-029558	71	3	3	2	0
CONTIG-029559	299	21	75	8	0
CONTIG-029562	83	4	2	10	0
CONTIG-029563	223	7	27	27	0
CONTIG-029564	230	5	9	35	0
CONTIG-029565	111	7	9	21	0
CONTIG-029566	136	84	112	345	0
CONTIG-029567	133	11	2	28	0
CONTIG-029569	84	6	9	9	0

CONTIG-029570	349	63	37	1351	4
CONTIG-029575	73	5	17	0	0
CONTIG-029577	83	5	9	14	0
CONTIG-029578	717	10	195	192	0
CONTIG-029579	225	18	9	114	2
CONTIG-029581	361	14	32	198	4
CONTIG-029582	453	15	49	217	0
CONTIG-029583	342	69	5	1371	2
CONTIG-029584	309	20	23	288	2
CONTIG-029585	70	4	0	5	2
CONTIG-029586	223	178	85	2119	19
CONTIG-029589	116	12	37	14	0
CONTIG-029590	255	6	26	46	0
CONTIG-029591	162	23	29	72	0
CONTIG-029592	336	8	21	45	0
CONTIG-029593	60	10	6	12	0
CONTIG-029596	256	12	7	116	2
CONTIG-029598	375	10	23	89	0
CONTIG-029599	260	28	52	264	0
CONTIG-029600	251	33	37	68	0
CONTIG-029601	70	26	5	27	0
CONTIG-029602	208	10	11	78	0
CONTIG-029603	373	9	10	154	0
CONTIG-029605	94	4	7	3	0
CONTIG-029606	67	4	0	4	0
CONTIG-029607	125	11	63	8	0
CONTIG-029609	498	22	2	0	131
CONTIG-029611	195	9	47	55	0
CONTIG-029613	129	5	6	8	0
CONTIG-029614	322	24	94	273	0
CONTIG-029615	879	16	86	342	6
CONTIG-029616	262	18	32	139	4
CONTIG-029617	101	34	2	169	0
CONTIG-029618	173	10	13	24	0
CONTIG-029619	167	6	6	24	0
CONTIG-029620	357	15	76	135	0
CONTIG-029621	155	8	18	25	0
CONTIG-029622	180	8	6	24	0
CONTIG-029623	79	11	21	15	0
CONTIG-029624	86	12	15	21	0
CONTIG-029625	148	4	2	2	0
CONTIG-029626	224	24	45	210	0
CONTIG-029627	160	15	180	17	0
CONTIG-029628	391	15	54	124	6
CONTIG-029629	222	140	112	1036	33
CONTIG-029630	182	9	25	32	2
CONTIG-029633	64	8	13	0	0

CONTIG-029634	77	25	7	4	0
CONTIG-029637	728	14	72	299	0
CONTIG-029640	359	9	74	0	12
CONTIG-029642	406	38	68	547	0
CONTIG-029645	279	19	50	168	0
CONTIG-029663	131	14	103	31	0
CONTIG-029669	59	9	21	6	0
CONTIG-029671	65	5	2	7	0
CONTIG-029672	210	17	93	66	0
CONTIG-029673	783	10	13	211	2
CONTIG-029674	168	8	8	12	0
CONTIG-029675	58	5	3	4	0
CONTIG-029676	159	8	12	51	0
CONTIG-029677	71	14	60	11	0
CONTIG-029678	89	13	20	46	0
CONTIG-029679	170	18	35	139	0
CONTIG-029680	123	14	18	71	0
CONTIG-029681	886	12	364	286	0
CONTIG-029683	59	8	3	4	0
CONTIG-029684	817	27	142	493	14
CONTIG-029685	102	7	16	27	0
CONTIG-029686	320	5	19	50	0
CONTIG-029687	168	14	19	62	0
CONTIG-029688	67	8	13	0	0
CONTIG-029689	162	8	6	43	0
CONTIG-029690	282	13	12	155	0
CONTIG-029691	338	8	16	25	0
CONTIG-029692	112	11	40	37	0
CONTIG-029693	81	5	4	18	0
CONTIG-029694	157	13	7	93	0
CONTIG-029695	330	20	61	263	0
CONTIG-029696	84	13	4	45	0
CONTIG-029697	416	9	73	101	0
CONTIG-029698	64	7	4	6	0
CONTIG-029699	64	6	40	0	0
CONTIG-029700	183	21	6	19	0
CONTIG-029701	162	10	19	14	0
CONTIG-029702	176	14	11	65	0
CONTIG-029703	419	29	167	118	12
CONTIG-029704	222	5	16	32	0
CONTIG-029707	168	13	16	95	0
CONTIG-029708	104	7	0	0	2
CONTIG-029709	152	15	8	65	0
CONTIG-029710	271	25	41	49	0
CONTIG-029711	223	8	31	62	0
CONTIG-029712	94	10	2	20	4
CONTIG-029713	329	21	29	175	0

CONTIG-029714	58	7	4	4	0
CONTIG-029715	302	8	55	58	0
CONTIG-029716	229	438	364	4964	103
CONTIG-029717	166	14	41	43	0
CONTIG-029718	105	10	3	28	0
CONTIG-029719	713	22	43	886	2
CONTIG-029720	671	23	61	333	4
CONTIG-029721	91	21	88	10	0
CONTIG-029722	70	9	30	13	0
CONTIG-029723	65	18	2	47	0
CONTIG-029724	969	14	48	314	8
CONTIG-029725	544	11	84	146	0
CONTIG-029726	305	22	92	215	6
CONTIG-029732	573	26	69	775	0
CONTIG-029733	84	7	4	6	0
CONTIG-029734	166	18	96	50	0
CONTIG-029735	468	12	63	137	6
CONTIG-029737	133	13	40	6	2
CONTIG-029738	71	10	8	0	0
CONTIG-029739	141	13	64	9	0
CONTIG-029740	85	8	2	16	0
CONTIG-029741	96	14	30	4	0
CONTIG-029742	383	12	31	101	0
CONTIG-029743	129	22	27	71	0
CONTIG-029744	73	6	2	4	0
CONTIG-029745	367	12	42	121	0
CONTIG-029746	153	12	3	79	0
CONTIG-029747	185	30	199	130	2
CONTIG-029748	394	8	17	85	0
CONTIG-029749	75	8	43	0	0
CONTIG-029750	111	6	9	17	0
CONTIG-029751	811	12	118	253	6
CONTIG-029752	341	13	37	206	0
CONTIG-029753	86	5	8	12	0
CONTIG-029754	895	21	34	82	61
CONTIG-029755	468	13	35	146	2
CONTIG-029757	545	45	0	0	145
CONTIG-029758	598	52	82	1280	4
CONTIG-029759	190	6	19	35	0
CONTIG-029760	100	22	16	10	0
CONTIG-029761	284	7	4	43	0
CONTIG-029762	117	8	5	16	0
CONTIG-029763	179	13	9	77	2
CONTIG-029764	234	9	48	49	0
CONTIG-029765	307	10	24	69	0
CONTIG-029766	449	16	4	9	0
CONTIG-029768	83	9	20	8	0

CONTIG-029769	371	12	61	93	2
CONTIG-029772	81	27	73	42	2
CONTIG-029773	93	16	25	24	0
CONTIG-029774	96	22	42	83	0
CONTIG-029775	112	8	6	24	0
CONTIG-029776	147	8	6	17	0
CONTIG-029777	181	9	29	38	0
CONTIG-029778	336	11	2	0	25
CONTIG-029779	270	8	18	60	0
CONTIG-029780	519	10	11	177	0
CONTIG-029781	80	6	3	18	0
CONTIG-029782	1575	22	161	1749	0
CONTIG-029783	86	3	0	4	2
CONTIG-029784	347	9	17	137	0
CONTIG-029785	609	24	86	514	0
CONTIG-029786	131	9	44	10	2
CONTIG-029787	162	8	45	27	0
CONTIG-029795	191	10	28	55	0
CONTIG-029797	80	8	18	9	0
CONTIG-029798	292	7	4	45	0
CONTIG-029799	69	7	8	9	0
CONTIG-029800	584	13	15	105	0
CONTIG-029801	73	3	7	4	0
CONTIG-029802	289	15	128	60	0
CONTIG-029803	69	7	16	0	0
CONTIG-029804	113	7	2	10	0
CONTIG-029805	244	7	15	45	0
CONTIG-029807	41	49	47	19	10
CONTIG-029808	52	10	2	13	0
CONTIG-029809	346	10	43	30	2
CONTIG-029810	300	21	40	171	0
CONTIG-029813	432	8	97	62	0
CONTIG-029814	591	16	90	504	0
CONTIG-029815	153	5	6	20	0
CONTIG-029816	95	3	4	4	0
CONTIG-029817	120	7	31	19	0
CONTIG-029818	67	5	2	2	0
CONTIG-029820	527	33	144	895	0
CONTIG-029823	224	239	25	165	0
CONTIG-029829	2656	44	27	23	0
CONTIG-029830	334	18	14	177	22
CONTIG-029831	112	5	5	15	0
CONTIG-029832	100	5	5	4	0
CONTIG-029833	113	11	52	28	0
CONTIG-029834	68	3	2	2	0
CONTIG-029835	495	13	36	219	4
CONTIG-029843	99	15	17	65	2

CONTIG-029850	670	20	73	289	4
CONTIG-029851	74	4	9	0	0
CONTIG-029852	115	15	23	26	0
CONTIG-029853	117	8	6	25	0
CONTIG-029854	175	9	16	40	3
CONTIG-029855	115	4	5	2	0
CONTIG-029856	143	7	3	46	0
CONTIG-029857	344	106	240	1236	92
CONTIG-029858	114	3	2	7	0
CONTIG-029859	239	12	17	108	0
CONTIG-029860	116	4	8	13	0
CONTIG-029861	70	11	24	0	0
CONTIG-029862	90	9	0	16	2
CONTIG-029863	77	6	7	9	0
CONTIG-029864	510	9	8	159	2
CONTIG-029865	93	25	21	78	0
CONTIG-029866	142	11	31	35	0
CONTIG-029868	97	5	0	12	0
CONTIG-029869	225	16	109	129	0
CONTIG-029870	100	7	5	13	0
CONTIG-029871	401	8	6	48	0
CONTIG-029872	387	14	35	24	0
CONTIG-029873	70	6	6	13	0
CONTIG-029881	94	11	4	30	0
CONTIG-029882	640	20	181	485	0
CONTIG-029883	244	13	17	122	0
CONTIG-029884	112	14	16	42	0
CONTIG-029885	174	7	6	38	0
CONTIG-029886	307	13	47	162	0
CONTIG-029887	173	13	82	53	0
CONTIG-029896	114	10	72	10	0
CONTIG-029897	41	99	20	24	0
CONTIG-029898	329	12	4	119	0
CONTIG-029899	395	12	12	175	4
CONTIG-029900	194	11	19	85	0
CONTIG-029901	149	13	9	51	0
CONTIG-029902	106	15	24	17	2
CONTIG-029903	121	18	14	28	0
CONTIG-029904	69	8	20	12	0
CONTIG-029905	790	36	301	660	23
CONTIG-029906	646	19	170	380	7
CONTIG-029907	108	6	7	0	0
CONTIG-029908	143	9	46	8	0
CONTIG-029910	455	28	4	27	0
CONTIG-029911	163	7	2	36	0
CONTIG-029912	529	9	18	172	6
CONTIG-029913	1136	24	79	729	25

CONTIG-029914	145	11	20	6	0
CONTIG-029915	60	7	5	11	0
CONTIG-029916	109	6	4	13	0
CONTIG-029921	77	5	7	4	0
CONTIG-029922	186	9	2	82	0
CONTIG-029923	369	9	4	0	12
CONTIG-029924	311	80	30	964	28
CONTIG-029925	140	10	32	6	0
CONTIG-029932	146	23	20	90	2
CONTIG-029933	144	7	13	25	0
CONTIG-029934	596	14	21	97	0
CONTIG-029936	441	10	17	104	2
CONTIG-029937	77	5	3	0	0
CONTIG-029953	77	501	38	23	813
CONTIG-029954	198	7	35	17	0
CONTIG-029955	209	8	6	51	0
CONTIG-029956	154	14	118	3	0
CONTIG-029957	134	17	0	77	2
CONTIG-029958	76	19	40	25	0
CONTIG-029959	83	6	4	0	0
CONTIG-029960	58	4	10	0	0
CONTIG-029961	126	6	10	32	0
CONTIG-029962	148	14	15	81	2
CONTIG-029963	259	12	36	100	5
CONTIG-029964	91	4	0	12	0
CONTIG-029965	93	9	9	31	2
CONTIG-029966	410	12	42	5	0
CONTIG-029967	101	28	29	72	3
CONTIG-029968	439	9	28	89	0
CONTIG-029969	952	40	89	1299	37
CONTIG-029971	512	16	28	315	2
CONTIG-029972	158	14	44	34	0
CONTIG-029974	249	20	106	22	0
CONTIG-029975	298	16	45	117	0
CONTIG-029976	164	5	0	26	0
CONTIG-029977	64	51	54	65	4
CONTIG-029978	85	7	5	12	0
CONTIG-029979	148	16	45	13	0
CONTIG-029980	120	13	21	29	0
CONTIG-029981	520	22	94	395	5
CONTIG-029982	332	26	28	396	4
CONTIG-029983	184	10	100	39	0
CONTIG-029984	338	7	24	44	0
CONTIG-029985	63	2	2	0	0
CONTIG-029986	106	12	5	31	0
CONTIG-029987	87	8	15	12	0
CONTIG-029988	482	14	90	207	2

CONTIG-029989	65	17	21	0	0
CONTIG-029990	89	10	68	2	0
CONTIG-029991	192	11	20	71	3
CONTIG-029992	99	8	7	22	0
CONTIG-029993	116	4	4	8	0
CONTIG-029994	270	12	103	63	0
CONTIG-029997	361	10	20	0	21
CONTIG-029998	82	6	2	10	0
CONTIG-029999	138	13	17	67	0
CONTIG-030000	58	10	8	0	0
CONTIG-030001	74	7	16	16	0
CONTIG-030002	68	3	10	0	0
CONTIG-030003	284	20	52	93	2
CONTIG-030005	84	10	8	16	3
CONTIG-030006	97	5	0	16	0
CONTIG-030007	77	11	5	6	2
CONTIG-030008	131	15	2	45	0
CONTIG-030012	72	1228	71	2622	0
CONTIG-030013	94	11	30	30	0
CONTIG-030016	315	11	64	11	14
CONTIG-030017	159	9	5	54	0
CONTIG-030018	397	21	93	115	0
CONTIG-030019	72	5	8	8	0
CONTIG-030021	112	22	104	89	0
CONTIG-030022	86	4	4	7	0
CONTIG-030023	1357	30	14	1113	100
CONTIG-030024	88	8	9	8	0
CONTIG-030025	374	15	56	111	2
CONTIG-030026	221	12	94	73	0
CONTIG-030027	551	11	43	119	2
CONTIG-030028	672	12	10	50	0
CONTIG-030029	162	147	130	666	14
CONTIG-030030	163	71	190	270	14
CONTIG-030031	188	403	79	3380	0
CONTIG-030032	272	11	30	87	2
CONTIG-030033	117	11	4	56	0
CONTIG-030034	128	7	6	25	0
CONTIG-030035	252	28	80	234	0
CONTIG-030036	371	20	20	54	0
CONTIG-030037	178	7	3	51	0
CONTIG-030038	428	14	47	240	0
CONTIG-030039	188	21	76	102	4
CONTIG-030040	277	10	76	43	0
CONTIG-030041	79	5	4	4	0
CONTIG-030042	135	13	19	42	0
CONTIG-030043	66	157	243	389	0
CONTIG-030044	75	5	2	2	0

CONTIG-030045	512	10	10	126	6
CONTIG-030046	190	9	2	38	0
CONTIG-030047	156	24	74	141	0
CONTIG-030048	349	21	124	251	0
CONTIG-030049	146	8	28	42	0
CONTIG-030050	1044	25	61	593	17
CONTIG-030051	61	11	14	17	0
CONTIG-030052	705	44	424	849	14
CONTIG-030053	430	10	15	154	2
CONTIG-030054	260	41	45	442	4
CONTIG-030056	164	6	5	0	0
CONTIG-030057	579	11	14	193	19
CONTIG-030058	47	233	14	405	0
CONTIG-030059	108	18	7	55	2
CONTIG-030060	135	7	12	27	0
CONTIG-030061	118	4	0	10	0
CONTIG-030062	153	24	26	128	0
CONTIG-030063	159	7	54	0	2
CONTIG-030064	218	9	26	46	0
CONTIG-030065	181	15	36	124	0
CONTIG-030066	307	8	53	48	5
CONTIG-030068	346	17	9	227	0
CONTIG-030069	185	8	36	17	0
CONTIG-030070	99	14	127	2	0
CONTIG-030071	181	13	19	52	0
CONTIG-030072	380	13	60	194	0
CONTIG-030073	243	62	150	702	0
CONTIG-030074	125	7	6	12	0
CONTIG-030075	169	18	68	67	2
CONTIG-030076	398	17	28	203	5
CONTIG-030077	206	19	29	13	0
CONTIG-030078	113	4	5	9	0
CONTIG-030079	79	5	2	0	2
CONTIG-030080	206	11	50	46	0
CONTIG-030081	558	14	53	153	0
CONTIG-030082	687	25	90	393	14
CONTIG-030083	134	6	7	12	0
CONTIG-030084	362	9	4	115	6
CONTIG-030085	348	73	135	950	24
CONTIG-030087	818	16	6	0	0
CONTIG-030088	71	4	2	0	0
CONTIG-030089	69	5	17	3	0
CONTIG-030100	88	4	0	9	0
CONTIG-030101	123	6	4	20	0
CONTIG-030102	86	11	8	38	0
CONTIG-030103	185	9	10	37	0
CONTIG-030104	291	8	11	69	0

CONTIG-030105	374	17	67	149	0
CONTIG-030106	79	12	6	29	0
CONTIG-030107	67	16	20	14	0
CONTIG-030108	146	11	49	37	0
CONTIG-030109	126	22	4	40	0
CONTIG-030110	187	14	12	110	0
CONTIG-030111	141	12	60	27	0
CONTIG-030112	266	6	3	6	10
CONTIG-030113	97	17	80	4	0
CONTIG-030114	534	17	210	220	2
CONTIG-030115	106	419	100	402	2
CONTIG-030117	248	15	27	109	0
CONTIG-030118	283	29	39	322	2
CONTIG-030119	724	41	255	730	36
CONTIG-030120	205	35	32	200	3
CONTIG-030121	988	14	21	25	117
CONTIG-030122	342	9	4	0	25
CONTIG-030123	871	14	5	236	0
CONTIG-030124	209	7	14	29	0
CONTIG-030125	296	49	123	312	10
CONTIG-030126	98	24	69	41	0
CONTIG-030127	630	13	30	289	4
CONTIG-030132	209	9	20	60	0
CONTIG-030133	241	16	6	135	0
CONTIG-030134	232	26	20	322	0
CONTIG-030135	428	17	13	40	0
CONTIG-030136	481	29	101	639	0
CONTIG-030143	134	11	8	40	2
CONTIG-030144	86	5	3	8	0
CONTIG-030145	213	11	5	67	4
CONTIG-030146	896	16	7	72	180
CONTIG-030148	162	7	16	23	0
CONTIG-030149	158	14	11	108	0
CONTIG-030150	850	22	130	462	9
CONTIG-030151	218	8	9	55	0
CONTIG-030152	687	13	67	289	4
CONTIG-030153	154	30	12	152	10
CONTIG-030154	62	113	48	276	0
CONTIG-030156	352	12	65	114	2
CONTIG-030157	379	16	70	143	6
CONTIG-030158	135	7	24	24	2
CONTIG-030159	130	9	9	43	0
CONTIG-030160	520	14	48	185	2
CONTIG-030161	109	28	129	69	0
CONTIG-030162	106	5	12	11	0
CONTIG-030163	126	5	4	21	0
CONTIG-030164	183	9	11	38	0

CONTIG-030165	113	3	2	4	2
CONTIG-030166	129	12	2	24	0
CONTIG-030167	404	11	80	141	0
CONTIG-030168	360	12	23	161	0
CONTIG-030169	105	8	9	21	0
CONTIG-030170	102	7	8	17	0
CONTIG-030171	62	4	4	7	0
CONTIG-030172	132	5	10	12	0
CONTIG-030173	95	13	9	29	0
CONTIG-030174	95	8	0	39	0
CONTIG-030175	282	10	10	94	0
CONTIG-030177	305	20	35	217	4
CONTIG-030178	198	5	2	24	0
CONTIG-030179	163	6	2	10	3
CONTIG-030180	84	5	15	5	0
CONTIG-030181	246	11	8	137	0
CONTIG-030182	95	19	10	43	0
CONTIG-030183	143	7	15	16	0
CONTIG-030184	196	19	28	103	0
CONTIG-030185	188	19	9	134	0
CONTIG-030186	455	18	118	292	2
CONTIG-030187	99	3	0	4	0
CONTIG-030188	112	13	52	2	0
CONTIG-030189	568	14	19	27	0
CONTIG-030190	166	34	4	276	2
CONTIG-030191	460	24	195	347	0
CONTIG-030192	292	17	42	138	0
CONTIG-030193	85	13	21	29	0
CONTIG-030194	162	9	18	41	0
CONTIG-030195	309	13	16	73	2
CONTIG-030196	63	70	4	151	0
CONTIG-030197	297	13	12	110	2
CONTIG-030198	591	14	30	266	2
CONTIG-030199	409	14	8	290	0
CONTIG-030200	81	6	2	22	0
CONTIG-030201	109	28	12	141	0
CONTIG-030202	95	140	44	500	53
CONTIG-030203	84	20	35	55	0
CONTIG-030204	91	26	42	101	0
CONTIG-030205	69	5	2	4	0
CONTIG-030206	128	18	4	85	0
CONTIG-030207	55	23	9	23	0
CONTIG-030208	288	25	94	38	0
CONTIG-030209	122	11	18	14	0
CONTIG-030210	248	9	15	75	2
CONTIG-030211	71	3	0	7	0
CONTIG-030212	764	15	164	329	0

CONTIG-030213	416	16	24	335	0
CONTIG-030214	289	28	56	286	0
CONTIG-030215	245	11	31	56	0
CONTIG-030216	165	6	9	18	0
CONTIG-030217	432	11	28	208	0
CONTIG-030218	103	12	25	24	0
CONTIG-030219	277	22	56	179	0
CONTIG-030220	111	5	0	9	2
CONTIG-030221	193	4	2	9	0
CONTIG-030222	297	10	20	88	0
CONTIG-030223	122	35	133	50	3
CONTIG-030224	432	13	35	113	0
CONTIG-030225	724	28	105	821	11
CONTIG-030226	451	14	17	137	0
CONTIG-030227	90	6	16	7	0
CONTIG-030228	153	10	21	17	0
CONTIG-030229	116	8	8	40	0
CONTIG-030230	463	10	31	158	0
CONTIG-030231	181	13	56	29	0
CONTIG-030232	152	8	10	31	0
CONTIG-030233	59	6	4	0	0
CONTIG-030234	137	8	7	21	0
CONTIG-030235	176	10	30	32	0
CONTIG-030236	86	13	18	14	0
CONTIG-030240	127	4	0	15	0
CONTIG-030241	332	17	32	187	4
CONTIG-030242	352	17	43	170	2
CONTIG-030247	89	25	18	0	0
CONTIG-030248	58	6	10	0	0
CONTIG-030249	308	13	63	42	0
CONTIG-030250	88	19	27	49	0
CONTIG-030251	197	35	127	248	2
CONTIG-030252	328	15	41	168	0
CONTIG-030253	96	8	2	5	0
CONTIG-030254	76	12	3	4	0
CONTIG-030255	184	8	12	24	0
CONTIG-030256	142	6	9	2	0
CONTIG-030257	42	153	172	69	4
CONTIG-030258	212	6	9	42	0
CONTIG-030263	77	9	46	3	0
CONTIG-030264	303	13	84	135	0
CONTIG-030265	76	10	28	19	2
CONTIG-030266	124	99	75	555	31
CONTIG-030267	394	19	43	212	0
CONTIG-030268	82	4	6	2	0
CONTIG-030269	144	10	16	16	0
CONTIG-030270	194	12	3	33	2

CONTIG-030271	106	9	45	2	0
CONTIG-030272	87	7	11	19	0
CONTIG-030273	40	17	17	4	0
CONTIG-030274	310	7	9	46	0
CONTIG-030275	147	9	8	29	0
CONTIG-030276	93	25	78	38	0
CONTIG-030277	326	10	37	139	0
CONTIG-030278	191	9	14	32	2
CONTIG-030279	375	7	7	80	0
CONTIG-030280	84	11	2	9	0
CONTIG-030281	284	12	91	81	0
CONTIG-030282	155	12	12	64	2
CONTIG-030283	383	17	113	177	2
CONTIG-030284	880	17	42	792	0
CONTIG-030285	1608	76	3	2	1294
CONTIG-030286	79	13	111	0	0
CONTIG-030287	134	17	4	70	0
CONTIG-030288	90	10	8	29	0
CONTIG-030289	118	15	7	75	0
CONTIG-030290	136	3	4	8	0
CONTIG-030291	72	4	2	4	0
CONTIG-030292	307	17	19	147	4
CONTIG-030294	278	13	34	105	0
CONTIG-030295	147	7	4	22	0
CONTIG-030296	539	10	29	194	2
CONTIG-030297	346	8	24	80	0
CONTIG-030299	62	894	22	0	453
CONTIG-030300	124	9	2	33	0
CONTIG-030301	451	14	78	138	0
CONTIG-030302	352	16	17	176	0
CONTIG-030303	58	35	52	35	2
CONTIG-030305	256	14	21	89	0
CONTIG-030306	113	6	18	25	0
CONTIG-030309	76	11	0	27	0
CONTIG-030310	97	26	13	39	0
CONTIG-030311	452	14	21	287	0
CONTIG-030312	97	5	0	12	0
CONTIG-030313	109	41	34	55	0
CONTIG-030314	110	4	6	0	0
CONTIG-030315	601	18	21	393	5
CONTIG-030316	219	10	14	37	0
CONTIG-030317	63	7	11	6	0
CONTIG-030318	211	10	15	49	2
CONTIG-030319	866	13	20	396	6
CONTIG-030320	178	10	19	34	0
CONTIG-030321	604	10	103	171	0
CONTIG-030322	610	11	11	25	0

CONTIG-030323	460	24	70	335	10
CONTIG-030324	709	11	49	332	0
CONTIG-030325	352	11	21	160	0
CONTIG-030326	383	15	48	170	2
CONTIG-030327	1089	17	33	673	23
CONTIG-030328	183	11	26	51	0
CONTIG-030329	102	17	39	2	0
CONTIG-030330	42	16	25	22	0
CONTIG-030331	95	36	177	38	0
CONTIG-030332	44	500	78	446	20
CONTIG-030333	151	9	7	26	0
CONTIG-030334	262	27	126	213	3
CONTIG-030336	218	11	7	95	0
CONTIG-030337	274	7	7	75	0
CONTIG-030338	131	22	76	31	0
CONTIG-030339	113	29	5	142	0
CONTIG-030340	149	6	5	35	2
CONTIG-030341	205	10	35	72	0
CONTIG-030342	389	17	16	345	0
CONTIG-030343	143	14	94	51	0
CONTIG-030344	245	13	70	114	0
CONTIG-030345	215	21	12	154	0
CONTIG-030347	75	3	9	3	0
CONTIG-030348	71	6	19	9	0
CONTIG-030349	109	15	26	45	2
CONTIG-030350	155	7	35	28	0
CONTIG-030351	179	9	52	15	0
CONTIG-030352	75	5	8	13	0
CONTIG-030353	323	55	119	858	0
CONTIG-030354	106	5	0	12	0
CONTIG-030355	177	6	2	30	0
CONTIG-030356	332	29	84	307	2
CONTIG-030357	588	30	59	975	0
CONTIG-030358	441	17	67	153	0
CONTIG-030359	98	5	8	2	0
CONTIG-030360	247	14	38	122	0
CONTIG-030361	470	11	0	128	0
CONTIG-030362	64	4	5	7	0
CONTIG-030363	214	10	94	5	0
CONTIG-030364	699	16	20	385	2
CONTIG-030365	111	17	52	28	0
CONTIG-030371	234	17	5	10	0
CONTIG-030372	257	13	33	63	0
CONTIG-030373	377	13	11	139	0
CONTIG-030376	73	7	6	6	0
CONTIG-030377	455	35	142	508	12
CONTIG-030378	72	6	2	24	0

CONTIG-030379	147	10	20	48	0
CONTIG-030380	212	63	69	342	19
CONTIG-030381	83	9	0	17	0
CONTIG-030382	86	18	75	25	0
CONTIG-030383	65	6	6	15	0
CONTIG-030384	96	4	0	11	0
CONTIG-030385	178	11	9	52	0
CONTIG-030386	159	7	11	23	0
CONTIG-030387	135	10	24	10	0
CONTIG-030388	136	6	9	7	0
CONTIG-030389	71	6	14	6	0
CONTIG-030390	203	12	19	73	0
CONTIG-030391	625	9	52	126	2
CONTIG-030392	81	3	2	0	0
CONTIG-030393	189	27	78	144	0
CONTIG-030394	72	8	5	6	0
CONTIG-030395	88	9	7	14	0
CONTIG-030399	91	19	22	18	0
CONTIG-030400	443	14	27	160	0
CONTIG-030401	291	12	43	60	0
CONTIG-030402	115	12	21	29	0
CONTIG-030403	255	9	11	82	0
CONTIG-030404	223	10	19	71	2
CONTIG-030405	137	10	17	37	0
CONTIG-030406	366	161	13	1654	60
CONTIG-030407	243	8	9	34	2
CONTIG-030408	193	12	6	38	0
CONTIG-030409	75	10	20	11	0
CONTIG-030410	125	7	5	23	0
CONTIG-030412	157	13	16	86	0
CONTIG-030413	402	9	11	97	11
CONTIG-030414	264	6	17	36	0
CONTIG-030415	340	17	12	126	0
CONTIG-030416	99	8	8	19	0
CONTIG-030418	547	21	2	0	76
CONTIG-030419	970	18	169	365	10
CONTIG-030420	199	5	4	20	7
CONTIG-030421	125	17	95	15	0
CONTIG-030422	367	107	9	2	200
CONTIG-030423	216	5	2	13	0
CONTIG-030424	482	27	103	270	9
CONTIG-030425	298	21	84	179	0
CONTIG-030426	58	69	198	51	2
CONTIG-030427	135	6	16	12	0
CONTIG-030428	123	9	10	21	0
CONTIG-030429	350	16	12	111	4
CONTIG-030430	229	24	7	188	0

CONTIG-030431	310	14	58	2	2
CONTIG-030432	97	152	186	179	36
CONTIG-030433	247	9	3	61	0
CONTIG-030434	125	14	2	0	0
CONTIG-030435	213	31	82	246	17
CONTIG-030436	287	16	51	164	0
CONTIG-030437	237	29	108	88	0
CONTIG-030442	72	5	6	10	0
CONTIG-030443	96	10	5	4	0
CONTIG-030444	104	5	9	11	0
CONTIG-030445	457	16	213	231	0
CONTIG-030446	106	6	7	15	0
CONTIG-030447	120	13	2	71	0
CONTIG-030449	396	9	41	120	2
CONTIG-030450	287	10	17	100	0
CONTIG-030451	242	10	2	0	14
CONTIG-030452	77	5	5	8	0
CONTIG-030453	88	20	12	52	0
CONTIG-030454	353	6	3	71	0
CONTIG-030455	111	16	27	45	0
CONTIG-030456	173	4	9	6	0
CONTIG-030457	81	7	23	8	2
CONTIG-030458	239	8	18	47	0
CONTIG-030459	94	8	7	4	0
CONTIG-030460	101	9	47	11	0
CONTIG-030461	393	20	74	363	2
CONTIG-030462	145	9	3	29	0
CONTIG-030463	83	16	28	29	0
CONTIG-030464	88	10	2	34	0
CONTIG-030466	549	11	26	82	0
CONTIG-030467	89	30	28	0	10
CONTIG-030468	75	4	18	6	0
CONTIG-030471	133	10	15	29	0
CONTIG-030472	111	5	15	10	0
CONTIG-030473	63	4	4	0	0
CONTIG-030474	155	13	19	42	2
CONTIG-030475	250	11	23	83	0
CONTIG-030476	216	6	2	59	0
CONTIG-030478	73	11	12	18	0
CONTIG-030479	398	8	36	86	2
CONTIG-030480	273	9	26	78	0
CONTIG-030481	130	11	3	2	0
CONTIG-030482	68	8	11	6	0
CONTIG-030483	123	9	14	46	0
CONTIG-030484	87	186	69	956	0
CONTIG-030485	63	34	2	84	0
CONTIG-030487	84	3	5	5	0

CONTIG-030488	139	156	330	503	55
CONTIG-030489	81	8	15	14	0
CONTIG-030490	60	214	58	338	0
CONTIG-030492	409	23	24	293	6
CONTIG-030493	371	11	8	139	0
CONTIG-030494	173	7	43	28	0
CONTIG-030495	89	7	9	21	0
CONTIG-030496	63	11	6	7	0
CONTIG-030497	74	20	0	26	0
CONTIG-030498	268	7	4	35	7
CONTIG-030499	595	13	30	231	0
CONTIG-030500	379	7	22	58	0
CONTIG-030501	277	13	12	145	0
CONTIG-030502	161	13	50	83	0
CONTIG-030505	106	11	5	15	0
CONTIG-030506	131	7	26	20	0
CONTIG-030507	194	21	2	5	0
CONTIG-030512	672	27	153	924	2
CONTIG-030515	252	15	18	197	0
CONTIG-030516	63	5	5	8	0
CONTIG-030517	147	11	6	56	0
CONTIG-030518	58	3	0	6	0
CONTIG-030519	479	39	113	390	65
CONTIG-030520	94	9	7	21	0
CONTIG-030521	279	12	27	121	0
CONTIG-030522	618	15	13	327	2
CONTIG-030523	87	13	15	34	0
CONTIG-030524	135	19	59	76	3
CONTIG-030525	83	5	17	6	0
CONTIG-030526	68	6	9	9	0
CONTIG-030527	311	11	8	174	0
CONTIG-030528	65	7	4	13	0
CONTIG-030529	139	12	20	22	0
CONTIG-030530	1043	20	107	827	0
CONTIG-030531	73	13	14	41	0
CONTIG-030532	133	15	44	67	0
CONTIG-030533	340	13	27	233	0
CONTIG-030534	241	6	9	44	0
CONTIG-030535	69	11	0	23	0
CONTIG-030536	102	28	8	140	0
CONTIG-030539	112	8	37	15	0
CONTIG-030540	94	10	4	14	0
CONTIG-030541	2649	34	47	4952	40
CONTIG-030542	141	4	14	11	0
CONTIG-030543	68	18	3	49	0
CONTIG-030544	625	15	46	312	4
CONTIG-030545	154	5	13	14	0

CONTIG-030546	161	11	21	61	0
CONTIG-030547	140	14	21	60	3
CONTIG-030548	306	16	88	137	0
CONTIG-030549	153	25	91	15	0
CONTIG-030550	194	5	7	23	0
CONTIG-030551	89	5	0	12	0
CONTIG-030552	74	7	0	13	2
CONTIG-030553	526	10	25	140	0
CONTIG-030555	77	4	2	12	0
CONTIG-030556	66	7	19	5	0
CONTIG-030557	210	12	16	73	2
CONTIG-030558	61	4	2	0	0
CONTIG-030559	74	33	10	24	0
CONTIG-030560	45	620	36	1262	0
CONTIG-030561	199	9	22	69	0
CONTIG-030563	58	12	27	7	0
CONTIG-030564	114	22	26	0	0
CONTIG-030565	262	22	41	107	2
CONTIG-030566	95	9	34	0	0
CONTIG-030567	286	10	91	37	0
CONTIG-030568	71	4	7	5	0
CONTIG-030569	178	6	21	19	0
CONTIG-030570	253	9	20	89	0
CONTIG-030571	88	5	18	6	0
CONTIG-030572	276	13	16	103	0
CONTIG-030574	140	12	6	62	0
CONTIG-030575	174	6	15	22	0
CONTIG-030576	91	4	0	0	0
CONTIG-030577	651	51	51	2037	2
CONTIG-030578	577	15	46	136	0
CONTIG-030580	58	8	10	0	0
CONTIG-030581	64	18	2	46	0
CONTIG-030582	132	12	25	60	0
CONTIG-030583	187	8	47	35	0
CONTIG-030584	104	9	30	27	0
CONTIG-030585	242	9	5	57	2
CONTIG-030586	104	2	2	3	0
CONTIG-030587	89	7	6	4	2
CONTIG-030588	159	11	18	60	0
CONTIG-030590	471	12	69	249	0
CONTIG-030591	61	10	31	10	0
CONTIG-030592	69	15	12	2	2
CONTIG-030593	356	9	7	55	2
CONTIG-030594	291	23	20	12	0
CONTIG-030595	647	16	40	320	12
CONTIG-030597	58	6	2	6	0
CONTIG-030598	111	14	19	53	2

CONTIG-030599	127	7	4	34	0
CONTIG-030602	119	9	24	9	0
CONTIG-030603	154	12	20	37	0
CONTIG-030604	71	7	11	0	0
CONTIG-030605	78	73	130	4	0
CONTIG-030606	910	36	209	1332	4
CONTIG-030607	339	10	34	99	0
CONTIG-030608	96	15	35	25	0
CONTIG-030612	102	8	0	22	0
CONTIG-030613	179	66	35	629	0
CONTIG-030614	857	23	72	592	3
CONTIG-030615	577	19	87	334	2
CONTIG-030616	66	6	5	7	0
CONTIG-030617	588	19	61	615	0
CONTIG-030618	404	17	45	191	5
CONTIG-030619	165	28	47	148	0
CONTIG-030620	182	11	10	60	0
CONTIG-030621	139	8	5	15	0
CONTIG-030622	330	22	27	271	0
CONTIG-030623	177	11	20	78	0
CONTIG-030624	117	8	29	27	2
CONTIG-030625	63	9	5	17	0
CONTIG-030626	108	14	43	4	0
CONTIG-030629	174	13	34	58	4
CONTIG-030630	134	6	20	8	0
CONTIG-030631	103	8	2	40	0
CONTIG-030632	99	5	8	16	0
CONTIG-030634	437	9	42	131	0
CONTIG-030635	1299	18	16	1442	0
CONTIG-030636	136	12	18	39	0
CONTIG-030637	92	3	2	9	0
CONTIG-030638	189	10	14	71	0
CONTIG-030639	82	6	13	0	0
CONTIG-030640	253	18	43	188	0
CONTIG-030644	350	97	78	1754	29
CONTIG-030645	392	7	10	84	0
CONTIG-030646	351	12	86	0	76
CONTIG-030647	418	14	27	180	0
CONTIG-030648	189	11	25	89	0
CONTIG-030649	66	18	41	25	2
CONTIG-030650	119	12	12	44	5
CONTIG-030651	240	11	10	87	4
CONTIG-030653	145	28	117	117	2
CONTIG-030654	258	21	48	122	2
CONTIG-030655	244	18	267	26	0
CONTIG-030656	388	16	24	49	5
CONTIG-030657	230	10	39	56	0

CONTIG-030658	102	4	9	8	0
CONTIG-030659	164	8	44	19	0
CONTIG-030660	181	12	129	18	0
CONTIG-030661	594	18	62	440	2
CONTIG-030662	238	7	5	77	0
CONTIG-030664	220	7	31	43	0
CONTIG-030667	70	8	0	17	0
CONTIG-030670	97	6	29	6	0
CONTIG-030671	177	10	6	45	0
CONTIG-030672	138	5	4	21	0
CONTIG-030673	448	13	54	161	2
CONTIG-030674	193	5	15	45	2
CONTIG-030675	216	10	65	59	0
CONTIG-030676	106	11	3	35	0
CONTIG-030678	76	8	3	4	2
CONTIG-030679	75	4	4	0	0
CONTIG-030680	78	11	30	10	0
CONTIG-030681	173	8	33	35	0
CONTIG-030682	137	26	2	5	0
CONTIG-030683	312	10	13	59	0
CONTIG-030684	279	14	102	76	0
CONTIG-030685	254	6	2	6	0
CONTIG-030686	60	5	3	4	0
CONTIG-030688	139	9	19	38	0
CONTIG-030689	773	13	31	365	0
CONTIG-030690	470	14	76	189	0
CONTIG-030691	58	5	7	0	0
CONTIG-030692	103	11	29	21	0
CONTIG-030693	833	16	244	315	2
CONTIG-030694	75	6	21	0	0
CONTIG-030695	272	9	42	35	0
CONTIG-030696	107	6	8	8	0
CONTIG-030697	332	15	10	174	0
CONTIG-030698	125	11	5	12	0
CONTIG-030699	101	8	42	17	0
CONTIG-030700	98	2	2	0	0
CONTIG-030701	100	4	18	3	0
CONTIG-030703	135	5	12	17	0
CONTIG-030704	100	8	14	20	0
CONTIG-030705	203	8	0	60	0
CONTIG-030706	290	9	25	29	0
CONTIG-030707	169	7	43	2	0
CONTIG-030708	292	14	29	164	0
CONTIG-030711	477	20	46	400	18
CONTIG-030712	90	3	0	8	0
CONTIG-030713	157	3	4	0	0
CONTIG-030714	588	38	18	17	243

CONTIG-030715	482	41	85	346	22
CONTIG-030716	121	18	5	97	0
CONTIG-030717	77	5	0	5	0
CONTIG-030718	610	10	10	245	0
CONTIG-030719	253	14	19	55	0
CONTIG-030720	1191	15	49	369	2
CONTIG-030721	279	12	2	56	0
CONTIG-030722	253	11	21	59	0
CONTIG-030723	138	10	2	36	2
CONTIG-030724	284	12	58	79	2
CONTIG-030725	1329	24	107	1526	4
CONTIG-030726	344	23	40	219	8
CONTIG-030727	168	7	6	24	0
CONTIG-030728	252	9	52	75	0
CONTIG-030731	133	7	7	35	0
CONTIG-030732	72	6	20	2	0
CONTIG-030733	60	8	17	0	0
CONTIG-030734	607	35	168	580	2
CONTIG-030736	80	20	9	8	0
CONTIG-030737	288	13	8	12	0
CONTIG-030738	58	5	0	2	0
CONTIG-030739	77	10	16	7	0
CONTIG-030740	97	24	0	0	4
CONTIG-030741	197	7	15	36	0
CONTIG-030742	470	7	16	79	0
CONTIG-030743	331	17	30	165	0
CONTIG-030744	210	7	17	47	2
CONTIG-030745	94	5	3	15	0
CONTIG-030746	535	11	48	151	2
CONTIG-030747	172	9	17	47	0
CONTIG-030748	361	11	17	233	0
CONTIG-030749	458	10	11	0	12
CONTIG-030750	112	23	25	123	0
CONTIG-030751	74	21	27	29	0
CONTIG-030752	59	10	46	2	0
CONTIG-030753	145	17	18	69	2
CONTIG-030754	84	4	2	3	0
CONTIG-030755	160	11	44	6	0
CONTIG-030756	184	4	6	18	0
CONTIG-030757	80	6	4	9	0
CONTIG-030763	101	19	149	26	0
CONTIG-030764	510	10	48	215	0
CONTIG-030766	83	7	0	17	0
CONTIG-030767	84	10	0	0	0
CONTIG-030769	434	9	33	104	0
CONTIG-030774	305	12	32	84	8
CONTIG-030775	61	51	16	127	0

CONTIG-030777	1132	34	43	832	71
CONTIG-030778	79	10	26	13	0
CONTIG-030779	424	57	154	1454	0
CONTIG-030780	150	5	2	25	0
CONTIG-030781	202	38	104	217	2
CONTIG-030782	74	2	2	4	0
CONTIG-030783	124	14	6	0	0
CONTIG-030784	165	33	89	122	4
CONTIG-030785	119	8	3	27	0
CONTIG-030786	239	12	12	36	0
CONTIG-030787	168	5	2	14	0
CONTIG-030788	76	4	2	8	0
CONTIG-030789	187	5	14	17	0
CONTIG-030790	491	11	79	144	0
CONTIG-030791	490	14	37	112	0
CONTIG-030792	59	7	2	10	0
CONTIG-030793	294	13	27	72	0
CONTIG-030794	769	20	98	196	11
CONTIG-030795	100	9	0	18	0
CONTIG-030797	293	7	21	44	0
CONTIG-030798	74	18	5	39	4
CONTIG-030799	72	6	2	13	0
CONTIG-030800	60	34	123	0	0
CONTIG-030801	75	16	17	21	0
CONTIG-030802	656	18	41	427	2
CONTIG-030803	153	13	48	56	0
CONTIG-030804	187	6	52	24	0
CONTIG-030805	1113	28	44	1892	0
CONTIG-030806	101	10	30	22	0
CONTIG-030807	167	19	56	70	0
CONTIG-030808	98	17	14	53	0
CONTIG-030809	124	30	12	140	2
CONTIG-030810	60	4	6	0	0
CONTIG-030811	314	6	13	48	0
CONTIG-030812	114	9	17	23	0
CONTIG-030813	206	8	2	80	0
CONTIG-030815	47	21	8	2	4
CONTIG-030816	73	12	0	40	0
CONTIG-030820	98	25	58	4	0
CONTIG-030822	147	20	73	116	0
CONTIG-030823	71	11	15	9	0
CONTIG-030824	867	22	22	637	23
CONTIG-030826	266	16	57	81	7
CONTIG-030827	269	10	10	121	0
CONTIG-030828	152	12	74	9	0
CONTIG-030829	85	8	39	4	0
CONTIG-030830	59	3	3	0	0

CONTIG-030832	232	21	81	47	0
CONTIG-030833	603	34	107	699	14
CONTIG-030834	161	5	8	2	12
CONTIG-030835	61	5	5	5	0
CONTIG-030836	619	28	142	427	2
CONTIG-030837	294	10	41	113	0
CONTIG-030838	146	7	2	0	5
CONTIG-030839	487	27	146	234	20
CONTIG-030840	182	6	13	40	0
CONTIG-030841	119	6	0	24	0
CONTIG-030844	146	43	4	358	0
CONTIG-030846	267	9	66	48	0
CONTIG-030847	300	12	83	42	0
CONTIG-030848	60	6	4	10	0
CONTIG-030849	439	13	0	325	0
CONTIG-030850	97	3	0	4	0
CONTIG-030852	225	25	58	75	0
CONTIG-030853	333	58	99	500	31
CONTIG-030854	74	6	4	4	0
CONTIG-030855	828	19	7	0	77
CONTIG-030856	126	11	13	37	0
CONTIG-030857	78	5	22	5	0
CONTIG-030858	70	21	131	2	0
CONTIG-030859	63	4	8	2	0
CONTIG-030860	58	3	0	4	0
CONTIG-030861	166	10	7	50	0
CONTIG-030862	1041	15	78	681	2
CONTIG-030863	443	12	58	172	0
CONTIG-030864	185	11	11	73	2
CONTIG-030865	212	6	21	30	0
CONTIG-030866	133	15	87	40	0
CONTIG-030867	265	9	8	39	0
CONTIG-030868	98	5	0	24	0
CONTIG-030869	142	8	33	2	0
CONTIG-030870	131	8	41	0	0
CONTIG-030871	253	11	29	78	0
CONTIG-030872	620	14	47	74	5
CONTIG-030873	225	19	6	209	5
CONTIG-030874	328	17	36	194	2
CONTIG-030875	68	8	0	20	0
CONTIG-030876	463	54	99	1059	5
CONTIG-030877	166	33	66	112	0
CONTIG-030879	822	16	47	410	10
CONTIG-030880	304	16	27	33	0
CONTIG-030881	123	13	9	40	0
CONTIG-030883	130	436	137	2802	4
CONTIG-030884	607	14	17	264	13

CONTIG-030885	455	15	72	157	2
CONTIG-030886	399	18	12	167	12
CONTIG-030887	116	8	24	30	0
CONTIG-030888	78	11	12	23	0
CONTIG-030889	101	10	16	25	0
CONTIG-030890	58	8	2	14	0
CONTIG-030891	343	13	22	15	0
CONTIG-030892	214	9	5	69	0
CONTIG-030893	94	6	9	15	0
CONTIG-030895	378	20	35	250	0
CONTIG-030896	91	46	75	0	0
CONTIG-030897	264	16	16	89	0
CONTIG-030898	89	7	18	2	0
CONTIG-030899	158	10	12	67	0
CONTIG-030900	268	8	4	45	0
CONTIG-030901	114	3	13	8	0
CONTIG-030902	124	32	22	0	0
CONTIG-030903	100	7	2	16	0
CONTIG-030905	100	6	7	27	0
CONTIG-030906	260	14	18	84	0
CONTIG-030907	272	21	112	110	5
CONTIG-030908	366	17	8	225	0
CONTIG-030909	373	18	107	256	0
CONTIG-030911	51	131	34	291	0
CONTIG-030912	82	12	9	0	0
CONTIG-030914	435	18	18	227	5
CONTIG-030915	171	21	57	145	0
CONTIG-030916	160	13	23	34	2
CONTIG-030917	297	17	7	250	0
CONTIG-030918	281	57	38	19	214
CONTIG-030919	76	3	2	0	0
CONTIG-030920	268	32	28	173	8
CONTIG-030921	59	35	17	57	0
CONTIG-030922	126	373	47	57	1165
CONTIG-030923	271	17	46	235	2
CONTIG-030924	100	9	9	15	0
CONTIG-030925	112	9	4	25	0
CONTIG-030926	38	57	24	2	0
CONTIG-030927	161	6	2	33	0
CONTIG-030928	179	15	7	111	0
CONTIG-030929	63	10	14	2	0
CONTIG-030930	166	10	17	53	0
CONTIG-030931	162	15	18	96	0
CONTIG-030932	81	9	47	10	0
CONTIG-030933	228	89	8	562	128
CONTIG-030934	338	7	12	85	2
CONTIG-030935	111	6	7	9	0

CONTIG-030936	256	23	69	303	0
CONTIG-030937	1734	15	86	400	63
CONTIG-030938	242	5	2	21	0
CONTIG-030940	91	4	0	5	0
CONTIG-030944	161	14	111	35	0
CONTIG-030945	359	9	7	111	0
CONTIG-030946	89	6	4	17	0
CONTIG-030947	69	7	9	17	2
CONTIG-030948	243	8	12	71	0
CONTIG-030949	305	6	12	48	2
CONTIG-030950	222	12	39	118	0
CONTIG-030951	325	14	49	127	2
CONTIG-030952	301	9	17	94	2
CONTIG-030953	89	11	24	2	0
CONTIG-030954	77	7	7	19	0
CONTIG-030955	458	15	49	145	0
CONTIG-030956	263	7	16	60	0
CONTIG-030960	171	5	11	19	0
CONTIG-030962	291	43	91	320	9
CONTIG-030963	172	8	15	49	0
CONTIG-030964	313	37	134	169	54
CONTIG-030965	466	7	18	103	0
CONTIG-030967	293	176	175	1829	258
CONTIG-030968	588	34	129	629	25
CONTIG-030969	226	7	5	28	0
CONTIG-030970	192	9	31	18	0
CONTIG-030971	141	8	53	0	4
CONTIG-030972	87	12	39	0	0
CONTIG-030973	121	4	6	12	0
CONTIG-030974	132	6	12	26	0
CONTIG-030975	92	13	18	49	0
CONTIG-030976	81	7	18	7	0
CONTIG-030977	423	8	10	79	0
CONTIG-030978	153	18	73	63	0
CONTIG-030979	472	28	26	57	0
CONTIG-030980	163	11	27	47	0
CONTIG-030981	90	7	9	7	0
CONTIG-030982	218	10	6	89	0
CONTIG-030983	109	25	83	80	0
CONTIG-030984	112	14	40	29	6
CONTIG-030985	410	6	22	73	2
CONTIG-030986	153	5	0	10	0
CONTIG-030987	520	16	19	446	0
CONTIG-030988	95	3	7	5	0
CONTIG-030989	287	15	28	50	2
CONTIG-030990	97	10	20	13	0
CONTIG-030991	150	14	3	61	2

CONTIG-030992	260	43	54	281	0
CONTIG-030993	419	26	55	308	0
CONTIG-030994	166	174	79	1069	27
CONTIG-030995	106	10	11	27	0
CONTIG-030996	131	6	15	21	0
CONTIG-030997	60	15	2	13	0
CONTIG-031001	544	25	139	366	2
CONTIG-031003	551	31	40	970	0
CONTIG-031004	216	14	29	87	0
CONTIG-031005	269	15	36	161	0
CONTIG-031006	138	4	9	16	0
CONTIG-031007	126	8	2	32	0
CONTIG-031008	359	13	30	266	0
CONTIG-031009	68	4	2	2	0
CONTIG-031010	103	6	6	16	0
CONTIG-031011	140	10	12	59	0
CONTIG-031012	638	76	6	0	420
CONTIG-031014	217	9	16	42	4
CONTIG-031015	73	13	10	42	0
CONTIG-031016	162	7	46	26	0
CONTIG-031017	1018	36	221	2088	2
CONTIG-031018	111	4	2	8	0
CONTIG-031019	298	12	48	69	3
CONTIG-031020	62	5	11	0	0
CONTIG-031021	176	18	81	30	0
CONTIG-031024	187	6	2	6	0
CONTIG-031025	110	17	38	71	0
CONTIG-031026	273	14	62	83	0
CONTIG-031027	254	7	16	29	2
CONTIG-031028	40	239	3	621	0
CONTIG-031029	130	10	32	25	0
CONTIG-031030	121	7	10	7	0
CONTIG-031031	199	8	32	29	0
CONTIG-031032	465	22	74	334	6
CONTIG-031033	133	10	19	45	0
CONTIG-031034	314	21	34	322	0
CONTIG-031035	299	13	103	2	71
CONTIG-031036	271	9	21	55	0
CONTIG-031037	115	147	66	533	0
CONTIG-031038	80	7	12	2	0
CONTIG-031039	104	4	6	3	0
CONTIG-031043	155	6	29	26	0
CONTIG-031044	69	19	40	13	0
CONTIG-031045	207	8	8	75	0
CONTIG-031046	223	10	14	91	0
CONTIG-031047	620	30	16	254	2
CONTIG-031048	62	29	19	42	0

CONTIG-031049	71	5	14	2	0
CONTIG-031050	114	5	0	14	0
CONTIG-031051	118	7	0	12	0
CONTIG-031052	315	8	26	81	2
CONTIG-031053	302	50	479	311	0
CONTIG-031055	110	9	7	18	0
CONTIG-031056	70	8	4	11	0
CONTIG-031057	99	11	48	9	0
CONTIG-031058	141	18	27	97	0
CONTIG-031059	147	26	39	117	9
CONTIG-031060	144	6	44	4	0
CONTIG-031061	85	8	0	25	0
CONTIG-031062	120	10	10	12	0
CONTIG-031063	290	9	14	66	0
CONTIG-031064	97	21	39	20	0
CONTIG-031065	97	7	13	18	0
CONTIG-031066	167	16	7	48	2
CONTIG-031067	75	14	4	28	0
CONTIG-031069	211	4	9	13	0
CONTIG-031070	589	17	53	231	12
CONTIG-031073	58	4	2	5	0
CONTIG-031074	392	9	26	85	0
CONTIG-031075	60	7	13	9	0
CONTIG-031076	116	3	0	9	0
CONTIG-031077	121	4	30	0	0
CONTIG-031078	237	11	8	61	0
CONTIG-031079	1381	37	42	1176	107
CONTIG-031080	72	10	9	27	0
CONTIG-031081	124	4	0	4	0
CONTIG-031082	300	8	11	75	0
CONTIG-031083	65	4	0	8	0
CONTIG-031084	123	8	5	25	0
CONTIG-031085	66	7	8	7	0
CONTIG-031086	110	4	6	5	0
CONTIG-031087	201	26	5	109	0
CONTIG-031088	60	3	9	0	0
CONTIG-031090	123	6	12	16	0
CONTIG-031091	588	14	51	214	0
CONTIG-031092	190	242	141	2440	53
CONTIG-031094	80	5	18	0	0
CONTIG-031095	125	5	8	6	0
CONTIG-031096	110	14	8	45	0
CONTIG-031097	67	17	65	0	0
CONTIG-031100	244	10	26	88	0
CONTIG-031104	146	9	4	36	0
CONTIG-031105	150	15	34	60	0
CONTIG-031106	225	16	35	125	0

CONTIG-031107	170	16	52	23	0
CONTIG-031112	91	11	19	10	0
CONTIG-031114	187	11	7	77	0
CONTIG-031116	645	26	174	669	2
CONTIG-031117	640	29	4	6	0
CONTIG-031118	83	6	17	2	0
CONTIG-031119	107	15	64	38	0
CONTIG-031120	581	63	207	1816	0
CONTIG-031121	281	6	8	37	0
CONTIG-031122	174	26	16	245	0
CONTIG-031125	579	11	27	212	8
CONTIG-031136	347	20	38	193	6
CONTIG-031137	66	6	10	2	0
CONTIG-031138	87	11	4	21	0
CONTIG-031139	122	12	38	14	0
CONTIG-031140	123	10	10	38	0
CONTIG-031141	174	7	4	37	0
CONTIG-031142	244	28	35	193	0
CONTIG-031144	635	15	47	342	0
CONTIG-031145	128	7	9	15	0
CONTIG-031146	155	19	35	78	0
CONTIG-031147	134	7	6	4	0
CONTIG-031148	100	5	18	13	0
CONTIG-031149	84	8	28	16	0
CONTIG-031150	71	7	8	19	0
CONTIG-031152	106	7	2	21	0
CONTIG-031153	77	5	13	11	0
CONTIG-031154	323	12	9	157	2
CONTIG-031155	102	6	9	0	0
CONTIG-031156	111	14	42	53	0
CONTIG-031157	345	21	31	244	0
CONTIG-031159	84	12	14	15	6
CONTIG-031160	745	10	22	289	4
CONTIG-031161	178	13	22	54	0
CONTIG-031162	144	9	3	29	0
CONTIG-031163	1414	11	97	540	2
CONTIG-031165	74	5	9	2	0
CONTIG-031166	344	7	30	6	0
CONTIG-031167	39	73	32	49	0
CONTIG-031169	160	9	11	57	0
CONTIG-031172	425	13	38	142	0
CONTIG-031173	214	4	19	5	0
CONTIG-031174	101	13	31	15	0
CONTIG-031175	85	9	23	17	0
CONTIG-031176	347	10	54	120	0
CONTIG-031177	79	26	56	61	2
CONTIG-031179	143	5	16	16	0

CONTIG-031180	179	6	26	29	0
CONTIG-031181	144	12	22	58	0
CONTIG-031182	267	16	6	187	0
CONTIG-031187	95	7	13	12	0
CONTIG-031188	182	9	2	39	4
CONTIG-031189	327	14	62	190	0
CONTIG-031190	312	18	48	121	7
CONTIG-031191	60	8	5	0	0
CONTIG-031192	296	25	53	253	0
CONTIG-031193	154	7	5	32	0
CONTIG-031194	71	7	42	2	0
CONTIG-031195	340	17	35	159	12
CONTIG-031196	124	4	2	11	0
CONTIG-031197	109	13	11	37	2
CONTIG-031198	447	16	27	286	4
CONTIG-031199	244	13	31	93	3
CONTIG-031200	116	16	74	39	0
CONTIG-031202	975	23	183	699	7
CONTIG-031203	78	1222	89	5076	0
CONTIG-031204	220	10	21	55	0
CONTIG-031205	134	5	8	27	0
CONTIG-031206	118	15	19	61	0
CONTIG-031207	59	5	17	2	0
CONTIG-031208	200	9	5	30	4
CONTIG-031209	227	8	14	63	0
CONTIG-031210	279	14	29	151	0
CONTIG-031211	342	14	133	95	0
CONTIG-031212	311	9	30	52	0
CONTIG-031213	46	1226	62	854	233
CONTIG-031214	80	538	107	560	0
CONTIG-031215	98	10	14	21	0
CONTIG-031217	105	8	34	18	0
CONTIG-031225	78	8	23	0	0
CONTIG-031226	70	18	6	53	2
CONTIG-031227	522	22	31	285	4
CONTIG-031228	296	26	19	362	0
CONTIG-031229	148	11	12	62	0
CONTIG-031230	78	6	3	18	0
CONTIG-031231	69	8	11	13	0
CONTIG-031232	259	10	34	80	0
CONTIG-031233	123	14	25	27	0
CONTIG-031234	41	371	82	527	2
CONTIG-031235	452	7	18	92	0
CONTIG-031236	421	16	33	339	0
CONTIG-031237	272	7	9	28	0
CONTIG-031239	136	9	16	34	0
CONTIG-031240	143	93	162	325	0

CONTIG-031241	104	4	20	4	0
CONTIG-031242	361	7	26	86	4
CONTIG-031243	349	12	18	64	2
CONTIG-031244	103	4	5	14	0
CONTIG-031246	62	9	2	0	0
CONTIG-031247	352	15	29	111	2
CONTIG-031248	154	13	57	39	0
CONTIG-031249	96	3	3	2	0
CONTIG-031250	103	5	2	19	0
CONTIG-031251	217	3	6	11	0
CONTIG-031256	152	5	5	26	0
CONTIG-031257	285	14	39	98	2
CONTIG-031259	297	6	5	51	5
CONTIG-031260	200	14	22	6	0
CONTIG-031261	422	10	33	86	6
CONTIG-031262	141	11	74	11	0
CONTIG-031263	104	6	3	11	6
CONTIG-031270	571	14	20	389	7
CONTIG-031271	94	9	19	2	0
CONTIG-031272	131	8	3	31	0
CONTIG-031273	523	64	217	736	118
CONTIG-031274	137	6	5	18	0
CONTIG-031276	230	7	37	52	3
CONTIG-031277	227	10	7	4	0
CONTIG-031278	205	5	4	22	0
CONTIG-031279	225	9	26	16	2
CONTIG-031280	69	138	27	275	0
CONTIG-031281	88	13	36	35	0
CONTIG-031282	145	11	11	11	0
CONTIG-031283	147	7	4	23	0
CONTIG-031284	51	40	64	4	0
CONTIG-031285	372	16	15	130	10
CONTIG-031286	84	21	87	42	0
CONTIG-031287	128	3	3	10	0
CONTIG-031288	245	10	41	77	0
CONTIG-031289	131	20	10	55	2
CONTIG-031290	62	9	25	2	0
CONTIG-031291	127	9	41	33	0
CONTIG-031292	169	10	0	62	0
CONTIG-031293	271	10	147	68	2
CONTIG-031294	397	13	17	241	6
CONTIG-031295	137	12	8	41	3
CONTIG-031296	344	15	25	120	0
CONTIG-031297	291	9	33	44	0
CONTIG-031298	726	18	45	554	0
CONTIG-031299	109	16	10	39	0
CONTIG-031306	867	19	89	426	0

CONTIG-031307	70	18	44	23	0
CONTIG-031308	72	6	16	2	0
CONTIG-031310	283	16	39	101	2
CONTIG-031312	251	11	14	143	0
CONTIG-031313	72	5	2	10	0
CONTIG-031314	322	10	13	67	0
CONTIG-031315	67	7	0	14	0
CONTIG-031316	61	7	4	21	0
CONTIG-031317	579	9	31	144	0
CONTIG-031318	150	10	43	14	0
CONTIG-031319	118	18	56	40	2
CONTIG-031320	62	6	0	4	0
CONTIG-031322	400	14	74	225	0
CONTIG-031323	197	18	23	35	0
CONTIG-031325	72	8	39	8	0
CONTIG-031326	457	23	19	611	0
CONTIG-031327	87	9	11	18	0
CONTIG-031328	235	8	24	41	0
CONTIG-031330	496	11	22	122	2
CONTIG-031331	103	5	2	10	0
CONTIG-031332	85	4	6	8	0
CONTIG-031333	492	21	73	375	0
CONTIG-031334	62	3	3	2	0
CONTIG-031336	39	453	31	721	0
CONTIG-031337	79	8	2	20	0
CONTIG-031338	255	10	0	2	0
CONTIG-031339	269	18	116	91	0
CONTIG-031340	143	5	5	22	0
CONTIG-031341	275	22	143	61	0
CONTIG-031342	94	5	13	10	0
CONTIG-031343	77	17	24	27	0
CONTIG-031344	361	20	43	216	0
CONTIG-031345	73	83	8	36	0
CONTIG-031346	70	4	6	2	0
CONTIG-031347	193	8	15	24	0
CONTIG-031348	77	3	5	2	0
CONTIG-031349	176	11	6	77	0
CONTIG-031350	127	7	14	14	0
CONTIG-031351	255	13	14	143	8
CONTIG-031352	110	10	16	0	0
CONTIG-031354	41	701	163	1506	0
CONTIG-031355	156	10	4	49	2
CONTIG-031356	85	7	2	17	0
CONTIG-031358	294	9	10	81	6
CONTIG-031359	80	16	2	53	0
CONTIG-031360	68	4	10	8	0
CONTIG-031364	162	17	6	106	2

CONTIG-031365	218	11	56	29	0
CONTIG-031369	119	7	27	22	0
CONTIG-031370	560	13	12	149	2
CONTIG-031371	357	70	4	0	236
CONTIG-031372	74	4	5	5	0
CONTIG-031373	65	3	6	2	0
CONTIG-031374	179	25	128	57	0
CONTIG-031375	88	29	89	54	0
CONTIG-031376	116	5	4	18	0
CONTIG-031377	331	11	85	113	0
CONTIG-031378	59	9	20	0	0
CONTIG-031382	95	6	2	13	0
CONTIG-031383	158	4	0	11	0
CONTIG-031384	205	17	66	39	0
CONTIG-031385	80	9	9	31	0
CONTIG-031386	139	6	4	15	0
CONTIG-031387	81	7	4	13	0
CONTIG-031388	173	9	14	40	0
CONTIG-031389	109	5	12	15	0
CONTIG-031390	130	9	5	25	0
CONTIG-031391	324	14	19	94	2
CONTIG-031392	178	29	27	30	0
CONTIG-031393	294	8	4	81	0
CONTIG-031395	139	7	13	22	0
CONTIG-031398	309	13	37	64	0
CONTIG-031399	73	187	149	516	0
CONTIG-031400	94	17	80	29	0
CONTIG-031401	220	7	3	54	0
CONTIG-031402	150	10	9	6	0
CONTIG-031404	303	15	167	129	0
CONTIG-031405	245	16	70	68	8
CONTIG-031406	404	17	27	205	6
CONTIG-031407	248	9	25	70	0
CONTIG-031408	1050	12	45	314	0
CONTIG-031409	522	36	56	929	2
CONTIG-031410	201	6	13	26	0
CONTIG-031411	308	10	26	40	6
CONTIG-031412	67	7	2	21	0
CONTIG-031413	160	9	0	64	0
CONTIG-031414	193	12	9	51	0
CONTIG-031415	94	4	23	4	0
CONTIG-031416	89	12	17	28	2
CONTIG-031418	88	2	0	2	0
CONTIG-031419	274	16	32	137	0
CONTIG-031420	194	13	7	26	0
CONTIG-031424	101	5	3	2	0
CONTIG-031430	167	7	5	27	0

CONTIG-031432	474	7	24	79	0
CONTIG-031433	57	649	6	42	0
CONTIG-031434	71	16	17	17	0
CONTIG-031435	670	13	81	253	2
CONTIG-031436	261	13	19	96	2
CONTIG-031437	218	5	7	13	0
CONTIG-031438	370	15	44	235	0
CONTIG-031445	60	3	0	8	0
CONTIG-031446	226	6	8	25	0
CONTIG-031447	401	29	67	519	2
CONTIG-031448	67	7	2	13	0
CONTIG-031449	624	18	13	396	7
CONTIG-031450	90	8	31	6	0
CONTIG-031451	170	11	39	45	5
CONTIG-031452	376	7	14	62	0
CONTIG-031454	140	27	14	182	0
CONTIG-031455	296	18	42	118	0
CONTIG-031461	297	9	21	49	0
CONTIG-031462	250	5	12	42	0
CONTIG-031463	79	7	0	15	0
CONTIG-031464	136	12	0	88	0
CONTIG-031472	62	429	48	1232	0
CONTIG-031473	194	30	41	291	2
CONTIG-031474	109	15	26	48	0
CONTIG-031475	70	15	57	0	0
CONTIG-031476	129	10	13	54	0
CONTIG-031479	108	4	22	4	0
CONTIG-031480	305	13	42	203	0
CONTIG-031481	143	14	110	23	0
CONTIG-031489	73	26	10	20	0
CONTIG-031490	251	7	32	34	0
CONTIG-031491	87	2	0	2	0
CONTIG-031492	492	28	143	281	0
CONTIG-031493	102	7	13	23	0
CONTIG-031494	166	13	20	60	2
CONTIG-031495	59	5	3	4	0
CONTIG-031496	187	15	44	27	0
CONTIG-031497	485	22	21	240	2
CONTIG-031498	252	41	172	172	9
CONTIG-031499	399	10	35	101	0
CONTIG-031500	343	9	18	96	0
CONTIG-031501	88	6	0	15	0
CONTIG-031502	379	7	69	68	0
CONTIG-031503	69	4	0	0	0
CONTIG-031504	95	4	17	8	0
CONTIG-031505	234	12	19	16	0
CONTIG-031506	760	15	39	442	4

CONTIG-031507	160	10	6	48	0
CONTIG-031508	121	7	5	34	0
CONTIG-031509	356	17	34	338	0
CONTIG-031510	396	15	21	152	2
CONTIG-031511	51	553	29	488	0
CONTIG-031515	147	10	24	40	0
CONTIG-031516	196	10	7	38	0
CONTIG-031517	185	12	10	120	0
CONTIG-031518	294	7	20	65	0
CONTIG-031519	117	6	20	10	0
CONTIG-031520	139	8	11	30	0
CONTIG-031521	1191	22	138	670	35
CONTIG-031522	121	4	11	11	0
CONTIG-031523	613	22	63	446	7
CONTIG-031524	135	4	0	8	0
CONTIG-031525	78	5	2	2	0
CONTIG-031526	105	10	3	28	0
CONTIG-031527	330	13	3	127	0
CONTIG-031528	610	23	115	292	0
CONTIG-031529	209	12	42	69	0
CONTIG-031530	296	35	88	333	4
CONTIG-031531	190	19	174	95	0
CONTIG-031532	467	17	74	73	0
CONTIG-031533	91	10	3	31	0
CONTIG-031534	659	17	85	407	0
CONTIG-031536	165	9	10	25	0
CONTIG-031540	182	6	8	27	0
CONTIG-031541	154	7	21	16	0
CONTIG-031542	70	7	8	4	0
CONTIG-031543	109	7	4	15	0
CONTIG-031544	255	25	137	81	0
CONTIG-031545	69	23	14	35	4
CONTIG-031546	58	9	17	13	0
CONTIG-031547	240	6	2	51	2
CONTIG-031548	123	23	28	98	0
CONTIG-031549	140	11	11	41	0
CONTIG-031555	421	8	33	83	0
CONTIG-031556	512	18	76	242	7
CONTIG-031557	566	81	10	2	490
CONTIG-031558	79	8	3	8	0
CONTIG-031559	62	12	10	21	0
CONTIG-031560	373	51	21	48	0
CONTIG-031561	74	9	10	8	0
CONTIG-031562	64	3	0	5	0
CONTIG-031563	62	2	0	2	0
CONTIG-031564	347	10	13	81	0
CONTIG-031565	381	9	22	83	0

CONTIG-031566	76	566	250	1666	8
CONTIG-031567	503	13	35	385	0
CONTIG-031568	344	12	39	139	0
CONTIG-031569	168	12	26	42	0
CONTIG-031570	146	11	63	14	0
CONTIG-031578	890	20	72	656	2
CONTIG-031579	67	20	58	29	2
CONTIG-031581	278	10	90	56	0
CONTIG-031582	178	20	74	12	3
CONTIG-031583	71	4	0	7	0
CONTIG-031584	339	11	32	134	2
CONTIG-031585	75	5	6	3	0
CONTIG-031586	122	7	11	11	0
CONTIG-031587	376	9	20	0	10
CONTIG-031588	180	8	35	42	0
CONTIG-031589	66	6	14	6	0
CONTIG-031592	78	4	0	2	0
CONTIG-031593	70	4	14	0	0
CONTIG-031594	193	327	98	1000	584
CONTIG-031595	285	12	88	84	0
CONTIG-031596	66	3	0	0	0
CONTIG-031598	107	35	31	239	0
CONTIG-031599	298	6	4	0	10
CONTIG-031600	241	22	83	129	0
CONTIG-031601	217	5	36	14	0
CONTIG-031602	196	16	13	67	0
CONTIG-031603	99	508	103	2179	35
CONTIG-031604	269	15	53	126	0
CONTIG-031605	93	11	102	0	2
CONTIG-031606	493	27	105	752	0
CONTIG-031607	102	7	5	19	0
CONTIG-031608	188	8	10	59	0
CONTIG-031609	58	3	7	5	0
CONTIG-031610	922	18	34	710	0
CONTIG-031611	83	13	2	15	2
CONTIG-031612	63	13	17	3	0
CONTIG-031613	801	14	44	334	6
CONTIG-031614	86	3	0	7	0
CONTIG-031615	611	36	48	1000	0
CONTIG-031616	131	4	14	10	0
CONTIG-031617	87	15	8	48	0
CONTIG-031618	104	9	5	29	0
CONTIG-031619	590	12	15	301	0
CONTIG-031620	149	9	16	23	5
CONTIG-031621	515	14	59	260	2
CONTIG-031622	180	18	28	155	0
CONTIG-031623	38	1103	312	745	76

CONTIG-031624	670	20	47	448	4
CONTIG-031625	490	20	27	219	4
CONTIG-031626	451	11	21	118	2
CONTIG-031628	550	78	85	1240	6
CONTIG-031629	135	7	2	30	2
CONTIG-031632	60	7	4	5	0
CONTIG-031633	124	9	3	23	2
CONTIG-031634	166	10	21	56	0
CONTIG-031635	137	11	18	53	0
CONTIG-031636	61	13	4	10	0
CONTIG-031637	373	16	17	211	0
CONTIG-031638	357	17	83	230	0
CONTIG-031639	75	3	2	0	0
CONTIG-031640	118	5	0	9	0
CONTIG-031641	207	7	4	27	0
CONTIG-031642	92	6	3	6	0
CONTIG-031643	113	25	6	88	0
CONTIG-031644	144	7	9	19	0
CONTIG-031645	67	7	29	0	0
CONTIG-031646	98	8	3	32	0
CONTIG-031647	671	17	14	249	7
CONTIG-031648	64	12	13	31	0
CONTIG-031649	184	10	80	24	0
CONTIG-031651	741	13	60	293	12
CONTIG-031652	77	11	33	0	0
CONTIG-031653	305	12	9	151	0
CONTIG-031660	146	9	7	32	0
CONTIG-031661	199	7	10	39	0
CONTIG-031662	70	8	5	5	0
CONTIG-031664	121	5	10	9	0
CONTIG-031669	251	20	68	87	4
CONTIG-031670	193	55	30	0	66
CONTIG-031671	67	3	0	5	0
CONTIG-031672	261	5	6	56	0
CONTIG-031673	417	68	64	872	4
CONTIG-031674	90	6	25	3	0
CONTIG-031675	78	5	5	11	0
CONTIG-031677	295	23	118	132	4
CONTIG-031678	243	10	44	43	0
CONTIG-031679	266	5	13	37	0
CONTIG-031682	358	12	14	152	2
CONTIG-031683	174	12	18	83	0
CONTIG-031684	672	12	70	220	5
CONTIG-031687	190	9	17	10	0
CONTIG-031688	207	10	34	75	0
CONTIG-031689	445	15	13	100	0
CONTIG-031690	200	12	27	80	0

CONTIG-031691	152	11	19	47	0
CONTIG-031692	75	14	41	2	0
CONTIG-031693	155	7	0	27	2
CONTIG-031694	201	21	96	114	0
CONTIG-031695	208	12	13	73	0
CONTIG-031696	99	8	19	12	0
CONTIG-031697	259	12	34	89	0
CONTIG-031698	697	38	3	0	188
CONTIG-031700	126	5	0	13	0
CONTIG-031701	1571	33	24	1998	2
CONTIG-031702	83	59	26	146	0
CONTIG-031703	173	10	21	30	0
CONTIG-031704	79	12	4	30	0
CONTIG-031705	92	14	30	46	0
CONTIG-031706	205	10	21	35	0
CONTIG-031707	766	33	182	1400	0
CONTIG-031708	174	11	2	76	0
CONTIG-031709	95	15	6	28	0
CONTIG-031712	153	11	33	42	0
CONTIG-031713	234	12	35	80	0
CONTIG-031714	75	12	0	36	2
CONTIG-031715	130	11	11	48	0
CONTIG-031716	446	35	145	607	4
CONTIG-031717	108	6	7	21	0
CONTIG-031718	81	10	2	47	0
CONTIG-031719	49	955	113	2027	0
CONTIG-031720	474	22	16	29	0
CONTIG-031736	75	11	7	11	0
CONTIG-031737	73	16	2	48	0
CONTIG-031738	326	14	28	149	0
CONTIG-031741	162	14	31	83	0
CONTIG-031742	165	7	3	40	0
CONTIG-031743	293	20	33	142	0
CONTIG-031744	109	5	6	12	0
CONTIG-031745	276	11	44	91	0
CONTIG-031746	401	9	34	79	2
CONTIG-031753	353	6	5	18	0
CONTIG-031754	284	45	166	628	0
CONTIG-031757	304	13	4	131	2
CONTIG-031758	1382	30	2	0	123
CONTIG-031759	992	46	6	2	273
CONTIG-031760	145	15	60	53	0
CONTIG-031761	266	17	73	239	0
CONTIG-031762	448	11	12	200	0
CONTIG-031763	455	7	25	72	0
CONTIG-031764	60	6	10	0	0
CONTIG-031765	63	6	9	0	0

CONTIG-031766	128	6	2	38	0
CONTIG-031767	104	9	0	45	0
CONTIG-031768	295	7	4	49	0
CONTIG-031769	308	7	17	78	0
CONTIG-031770	61	5	2	8	0
CONTIG-031771	82	24	56	45	0
CONTIG-031772	83	7	32	6	0
CONTIG-031773	77	3	2	6	0
CONTIG-031774	310	10	10	88	0
CONTIG-031775	257	11	10	131	0
CONTIG-031776	72	4	7	7	0
CONTIG-031777	987	14	54	531	2
CONTIG-031778	284	12	71	50	2
CONTIG-031779	65	9	42	0	0
CONTIG-031780	84	10	9	2	0
CONTIG-031781	92	14	26	33	0
CONTIG-031782	196	14	10	43	0
CONTIG-031783	759	26	229	264	21
CONTIG-031784	78	22	22	50	2
CONTIG-031785	572	32	47	258	0
CONTIG-031786	127	6	0	24	0
CONTIG-031787	148	6	5	25	0
CONTIG-031790	766	12	38	305	2
CONTIG-031791	66	6	24	0	0
CONTIG-031799	111	5	2	18	0
CONTIG-031800	92	7	8	16	0
CONTIG-031801	304	18	77	121	0
CONTIG-031802	94	9	15	6	0
CONTIG-031804	266	8	17	54	0
CONTIG-031805	364	9	18	90	0
CONTIG-031806	249	10	13	100	0
CONTIG-031807	143	14	17	92	0
CONTIG-031808	659	22	104	356	26
CONTIG-031809	295	6	74	9	0
CONTIG-031810	183	21	32	167	0
CONTIG-031811	204	9	9	47	0
CONTIG-031812	136	6	5	29	0
CONTIG-031813	254	8	2	34	0
CONTIG-031814	100	6	3	16	0
CONTIG-031815	1052	32	18	0	298
CONTIG-031818	171	23	40	96	0
CONTIG-031819	157	12	65	9	0
CONTIG-031820	62	13	4	16	0
CONTIG-031821	231	11	7	103	0
CONTIG-031822	58	9	3	14	0
CONTIG-031823	210	13	147	41	0
CONTIG-031824	219	19	8	128	0

CONTIG-031825	163	15	52	96	0
CONTIG-031826	340	7	9	41	0
CONTIG-031827	156	11	13	70	0
CONTIG-031828	85	8	18	19	0
CONTIG-031829	64	15	3	32	0
CONTIG-031831	189	9	11	38	0
CONTIG-031832	328	67	112	603	24
CONTIG-031833	78	7	13	6	2
CONTIG-031834	202	13	0	31	2
CONTIG-031835	115	4	0	12	0
CONTIG-031836	89	2	2	7	0
CONTIG-031837	91	6	2	19	0
CONTIG-031839	60	8	6	15	0
CONTIG-031840	237	9	2	109	0
CONTIG-031841	147	10	32	22	0
CONTIG-031843	182	14	20	120	0
CONTIG-031844	356	10	17	102	2
CONTIG-031845	112	5	6	12	0
CONTIG-031846	235	5	5	24	0
CONTIG-031847	70	519	120	1012	129
CONTIG-031848	428	24	77	432	0
CONTIG-031849	261	12	22	63	0
CONTIG-031850	112	4	9	9	0
CONTIG-031851	107	6	3	2	0
CONTIG-031852	132	7	21	22	0
CONTIG-031853	266	11	17	80	0
CONTIG-031854	84	5	3	6	0
CONTIG-031855	123	9	4	44	0
CONTIG-031857	114	11	21	31	0
CONTIG-031858	193	17	32	66	2
CONTIG-031859	136	9	3	45	2
CONTIG-031860	159	7	4	0	11
CONTIG-031861	135	7	21	25	0
CONTIG-031862	64	7	2	10	0
CONTIG-031863	123	10	12	28	0
CONTIG-031865	195	8	7	70	0
CONTIG-031866	85	7	2	10	0
CONTIG-031867	116	15	5	62	0
CONTIG-031868	67	5	11	0	0
CONTIG-031869	84	6	5	15	0
CONTIG-031870	396	13	8	155	0
CONTIG-031871	172	13	2	54	0
CONTIG-031872	414	12	25	167	2
CONTIG-031873	128	7	6	15	0
CONTIG-031874	361	14	16	153	6
CONTIG-031875	285	12	21	99	0
CONTIG-031876	117	5	8	11	0

CONTIG-031878	539	17	44	176	5
CONTIG-031879	80	6	6	5	0
CONTIG-031880	94	6	25	10	0
CONTIG-031881	229	8	6	38	0
CONTIG-031882	109	8	9	25	0
CONTIG-031883	166	7	7	29	0
CONTIG-031884	171	7	2	38	0
CONTIG-031885	200	5	13	4	0
CONTIG-031887	92	5	5	0	0
CONTIG-031888	465	13	57	193	0
CONTIG-031890	140	73	211	77	16
CONTIG-031891	158	7	19	39	0
CONTIG-031892	87	6	4	24	0
CONTIG-031893	297	7	10	63	0
CONTIG-031894	251	8	87	33	0
CONTIG-031895	530	21	16	510	2
CONTIG-031896	73	12	2	21	0
CONTIG-031897	403	13	4	167	0
CONTIG-031898	183	13	20	53	0
CONTIG-031899	234	5	4	35	0
CONTIG-031900	144	5	2	33	0
CONTIG-031901	136	6	0	25	0
CONTIG-031902	44	314	80	469	5
CONTIG-031903	119	4	3	12	0
CONTIG-031904	187	21	119	25	2
CONTIG-031905	628	61	213	1519	148
CONTIG-031906	393	17	37	241	2
CONTIG-031909	194	15	36	45	2
CONTIG-031910	91	6	4	5	2
CONTIG-031911	361	26	179	147	2
CONTIG-031912	988	15	84	327	4
CONTIG-031913	309	11	29	102	0
CONTIG-031915	169	10	43	69	0
CONTIG-031916	207	3	0	18	0
CONTIG-031917	367	15	9	256	0
CONTIG-031918	92	4	2	7	0
CONTIG-031919	131	3	4	11	0
CONTIG-031920	75	4	3	6	0
CONTIG-031921	370	9	13	101	2
CONTIG-031922	73	60	108	8	0
CONTIG-031923	249	11	13	46	0
CONTIG-031925	563	19	80	404	4
CONTIG-031926	336	35	29	637	0
CONTIG-031927	393	27	70	123	2
CONTIG-031928	164	4	12	8	0
CONTIG-031929	95	8	0	18	0
CONTIG-031930	67	17	48	25	0

CONTIG-031931	145	10	25	22	0
CONTIG-031932	193	28	28	199	0
CONTIG-031938	62	8	5	25	0
CONTIG-031939	333	13	50	104	5
CONTIG-031940	144	7	0	29	0
CONTIG-031941	82	48	0	80	5
CONTIG-031943	507	19	28	394	2
CONTIG-031944	65	7	7	15	0
CONTIG-031945	149	22	19	81	0
CONTIG-031946	204	12	2	92	0
CONTIG-031947	370	14	50	117	0
CONTIG-031948	149	13	67	42	0
CONTIG-031949	280	48	32	355	0
CONTIG-031950	79	4	13	3	0
CONTIG-031951	91	15	7	34	0
CONTIG-031952	99	6	24	9	2
CONTIG-031953	137	22	42	3	0
CONTIG-031955	137	6	9	19	0
CONTIG-031956	120	7	9	6	0
CONTIG-031957	66	12	33	9	0
CONTIG-031958	69	27	65	62	0
CONTIG-031959	294	15	83	86	0
CONTIG-031960	292	19	31	228	0
CONTIG-031961	176	5	7	18	0
CONTIG-031962	257	15	18	141	0
CONTIG-031964	80	5	2	8	0
CONTIG-031965	533	9	7	155	2
CONTIG-031966	96	4	27	4	0
CONTIG-031967	351	16	20	247	0
CONTIG-031968	90	26	63	53	0
CONTIG-031969	193	15	57	94	0
CONTIG-031970	111	10	6	48	0
CONTIG-031971	113	10	5	59	0
CONTIG-031972	148	5	12	17	0
CONTIG-031973	68	3	5	0	0
CONTIG-031974	74	7	17	8	0
CONTIG-031975	68	4	4	7	0
CONTIG-031976	102	10	2	21	0
CONTIG-031977	86	8	8	32	0
CONTIG-031978	147	20	16	30	4
CONTIG-031979	475	10	38	207	0
CONTIG-031980	368	7	16	89	0
CONTIG-031981	118	7	32	6	0
CONTIG-031982	359	11	32	118	2
CONTIG-031983	59	6	15	0	0
CONTIG-031984	74	5	7	17	0
CONTIG-031985	121	17	50	72	0

CONTIG-031986	130	5	10	11	0
CONTIG-031989	173	14	96	54	0
CONTIG-031997	156	12	15	85	0
CONTIG-031998	110	6	29	5	0
CONTIG-031999	238	7	9	38	0
CONTIG-032001	61	4	0	5	0
CONTIG-032002	58	11	3	2	0
CONTIG-032003	331	8	10	65	0
CONTIG-032004	217	19	9	145	6
CONTIG-032006	119	10	28	6	0
CONTIG-032007	360	9	38	106	0
CONTIG-032008	58	3	6	2	0
CONTIG-032009	154	31	58	192	0
CONTIG-032010	441	8	16	94	0
CONTIG-032011	73	10	23	14	0
CONTIG-032012	435	23	3	0	66
CONTIG-032015	81	5	2	4	0
CONTIG-032016	329	10	65	107	0
CONTIG-032017	376	13	36	109	0
CONTIG-032018	281	13	23	127	0
CONTIG-032019	372	59	49	1070	5
CONTIG-032020	86	4	0	10	0
CONTIG-032021	268	19	22	142	2
CONTIG-032022	83	10	25	21	0
CONTIG-032023	81	7	0	12	2
CONTIG-032024	88	5	5	17	0
CONTIG-032025	143	8	4	32	0
CONTIG-032026	77	11	16	20	0
CONTIG-032027	76	8	11	19	0
CONTIG-032028	78	2	4	4	0
CONTIG-032029	76	15	56	0	0
CONTIG-032030	256	12	11	69	2
CONTIG-032033	188	11	11	70	0
CONTIG-032034	121	13	2	4	0
CONTIG-032035	183	19	65	88	0
CONTIG-032036	59	23	69	0	0
CONTIG-032037	738	19	100	454	0
CONTIG-032038	479	13	2	0	25
CONTIG-032039	71	3	0	5	0
CONTIG-032040	155	8	7	42	0
CONTIG-032041	253	40	90	429	0
CONTIG-032042	151	7	10	38	0
CONTIG-032043	109	15	51	48	2
CONTIG-032044	356	16	147	151	0
CONTIG-032048	149	13	29	60	0
CONTIG-032049	225	16	15	85	0
CONTIG-032050	107	8	18	9	0

CONTIG-032051	87	10	49	2	0
CONTIG-032052	92	4	2	4	0
CONTIG-032053	78	9	36	4	0
CONTIG-032056	743	15	94	489	2
CONTIG-032057	155	8	27	6	0
CONTIG-032058	136	9	5	58	0
CONTIG-032060	349	8	42	80	0
CONTIG-032061	63	4	7	5	0
CONTIG-032067	512	29	39	710	4
CONTIG-032068	440	12	72	149	0
CONTIG-032069	149	7	2	30	0
CONTIG-032070	180	14	10	122	0
CONTIG-032071	104	8	9	20	0
CONTIG-032072	252	8	5	63	0
CONTIG-032073	59	9	4	6	0
CONTIG-032074	279	11	25	94	0
CONTIG-032075	138	25	0	62	0
CONTIG-032076	92	4	2	9	0
CONTIG-032077	300	5	9	6	0
CONTIG-032078	419	7	6	108	0
CONTIG-032079	128	18	97	12	0
CONTIG-032080	82	8	9	0	0
CONTIG-032081	144	4	3	0	0
CONTIG-032082	256	12	28	107	0
CONTIG-032083	401	10	9	109	2
CONTIG-032084	140	7	7	22	0
CONTIG-032085	301	9	17	52	0
CONTIG-032087	66	4	4	4	0
CONTIG-032088	252	17	0	0	30
CONTIG-032089	677	12	10	112	0
CONTIG-032090	243	52	19	301	0
CONTIG-032091	113	17	50	46	0
CONTIG-032092	216	8	5	62	0
CONTIG-032094	60	10	26	11	0
CONTIG-032095	344	13	116	149	0
CONTIG-032096	118	12	17	0	0
CONTIG-032097	296	20	11	170	0
CONTIG-032098	120	11	3	47	3
CONTIG-032099	78	9	6	12	0
CONTIG-032100	149	11	16	71	0
CONTIG-032101	237	5	7	32	0
CONTIG-032102	424	12	48	218	0
CONTIG-032103	228	7	0	73	0
CONTIG-032104	254	7	27	48	0
CONTIG-032105	67	8	5	21	0
CONTIG-032107	349	23	26	419	2
CONTIG-032109	121	5	7	19	0

CONTIG-032110	139	12	8	43	0
CONTIG-032112	80	9	11	20	0
CONTIG-032113	430	17	31	146	0
CONTIG-032115	138	5	4	23	0
CONTIG-032116	398	9	54	102	0
CONTIG-032117	59	4	0	0	0
CONTIG-032118	94	3	2	2	0
CONTIG-032121	89	4	2	4	0
CONTIG-032122	288	9	60	73	0
CONTIG-032131	66	6	2	19	0
CONTIG-032132	552	18	74	260	12
CONTIG-032133	712	23	84	644	4
CONTIG-032137	194	13	3	108	0
CONTIG-032138	277	13	51	35	0
CONTIG-032139	164	25	19	143	4
CONTIG-032140	71	6	3	12	0
CONTIG-032141	190	7	9	37	0
CONTIG-032142	236	59	59	645	2
CONTIG-032143	85	102	38	356	2
CONTIG-032144	59	380	120	727	32
CONTIG-032146	366	16	83	186	2
CONTIG-032152	60	8	2	17	0
CONTIG-032153	443	34	32	668	0
CONTIG-032154	88	33	14	118	0
CONTIG-032155	85	7	17	0	0
CONTIG-032156	500	20	175	248	0
CONTIG-032157	119	9	36	24	0
CONTIG-032158	422	13	37	248	0
CONTIG-032159	64	15	56	2	0
CONTIG-032160	165	18	19	38	0
CONTIG-032161	91	8	0	36	0
CONTIG-032163	66	3	3	5	0
CONTIG-032164	62	8	10	5	0
CONTIG-032165	430	60	37	985	22
CONTIG-032166	192	9	33	25	0
CONTIG-032167	181	10	6	60	2
CONTIG-032168	311	7	11	76	0
CONTIG-032169	51	78	24	128	0
CONTIG-032170	165	7	5	31	2
CONTIG-032171	298	10	35	93	0
CONTIG-032172	68	7	0	15	0
CONTIG-032173	70	11	14	35	0
CONTIG-032174	295	12	51	40	5
CONTIG-032175	816	17	100	550	4
CONTIG-032176	282	12	40	71	0
CONTIG-032178	63	656	134	1947	0
CONTIG-032179	50	19	11	12	0

CONTIG-032180	115	7	13	9	0
CONTIG-032181	101	3	0	3	0
CONTIG-032183	444	58	77	1626	0
CONTIG-032184	83	7	15	7	0
CONTIG-032185	540	15	35	224	0
CONTIG-032186	139	5	10	15	0
CONTIG-032187	401	10	31	135	0
CONTIG-032188	196	4	8	21	0
CONTIG-032189	1214	22	13	137	91
CONTIG-032193	578	27	144	707	0
CONTIG-032194	66	7	7	15	0
CONTIG-032195	200	6	7	57	0
CONTIG-032196	211	9	14	47	0
CONTIG-032197	79	35	114	78	0
CONTIG-032198	1317	53	34	68	0
CONTIG-032199	67	6	2	9	0
CONTIG-032200	326	14	29	101	0
CONTIG-032201	270	8	26	41	0
CONTIG-032202	75	11	11	28	2
CONTIG-032209	110	5	4	12	0
CONTIG-032211	114	8	31	4	0
CONTIG-032212	276	9	39	43	4
CONTIG-032213	441	17	68	183	9
CONTIG-032218	199	9	19	89	0
CONTIG-032219	206	7	7	17	0
CONTIG-032220	210	13	11	128	0
CONTIG-032221	109	11	0	32	0
CONTIG-032222	291	7	13	57	4
CONTIG-032223	201	6	4	32	2
CONTIG-032224	87	8	45	10	0
CONTIG-032225	891	33	81	1283	30
CONTIG-032226	138	7	0	8	0
CONTIG-032227	327	28	129	374	0
CONTIG-032228	359	14	41	54	8
CONTIG-032229	127	7	0	35	2
CONTIG-032230	202	91	7	6	0
CONTIG-032231	64	21	118	3	0
CONTIG-032232	161	7	2	30	0
CONTIG-032234	115	18	59	55	2
CONTIG-032235	218	5	4	31	0
CONTIG-032236	189	4	11	9	0
CONTIG-032238	252	11	11	66	4
CONTIG-032239	229	12	35	78	0
CONTIG-032240	108	11	43	20	0
CONTIG-032241	416	10	9	116	3
CONTIG-032242	211	12	14	129	2
CONTIG-032243	162	12	41	14	0

CONTIG-032244	78	10	6	15	0
CONTIG-032247	132	14	29	26	0
CONTIG-032248	714	17	37	496	3
CONTIG-032249	287	14	26	157	0
CONTIG-032251	226	12	20	63	2
CONTIG-032252	102	4	17	0	0
CONTIG-032253	676	41	62	24	0
CONTIG-032254	102	4	0	11	0
CONTIG-032256	214	12	15	115	0
CONTIG-032257	204	15	85	68	2
CONTIG-032260	1011	21	129	500	19
CONTIG-032261	567	17	118	285	4
CONTIG-032262	153	3	10	9	0
CONTIG-032263	148	9	0	47	2
CONTIG-032265	328	18	56	191	0
CONTIG-032266	132	8	20	22	0
CONTIG-032267	150	11	44	60	0
CONTIG-032268	527	8	43	135	0
CONTIG-032269	217	13	23	46	0
CONTIG-032270	83	5	0	17	0
CONTIG-032271	693	13	71	275	2
CONTIG-032272	189	6	11	30	0
CONTIG-032273	292	11	11	122	0
CONTIG-032274	73	5	0	10	0
CONTIG-032275	151	22	57	77	0
CONTIG-032276	120	9	8	15	0
CONTIG-032277	295	10	36	41	2
CONTIG-032278	235	15	15	122	2
CONTIG-032281	189	9	11	64	0
CONTIG-032282	105	4	4	8	0
CONTIG-032285	103	7	20	7	0
CONTIG-032286	121	20	13	96	0
CONTIG-032287	81	3	7	5	0
CONTIG-032288	92	6	2	16	0
CONTIG-032289	91	11	13	26	2
CONTIG-032290	96	3	2	8	0
CONTIG-032291	459	18	29	245	0
CONTIG-032292	111	9	19	23	0
CONTIG-032293	85	20	28	37	0
CONTIG-032294	73	7	4	5	0
CONTIG-032295	232	10	15	79	0
CONTIG-032296	95	9	5	32	0
CONTIG-032297	753	9	64	136	4
CONTIG-032298	69	14	3	0	2
CONTIG-032299	65	4	0	5	0
CONTIG-032300	91	7	18	19	0
CONTIG-032301	76	11	4	36	0

CONTIG-032302	81	4	0	10	0
CONTIG-032303	103	19	0	64	0
CONTIG-032304	181	20	44	56	0
CONTIG-032305	317	11	25	68	2
CONTIG-032306	203	8	6	86	0
CONTIG-032308	270	11	32	111	2
CONTIG-032311	152	6	9	47	0
CONTIG-032312	368	7	44	46	2
CONTIG-032313	323	11	72	69	3
CONTIG-032314	170	10	4	21	0
CONTIG-032315	77	6	2	6	0
CONTIG-032316	67	3	0	0	0
CONTIG-032318	40	99	2	45	0
CONTIG-032319	91	4	0	9	0
CONTIG-032320	412	18	38	240	4
CONTIG-032321	121	11	5	48	0
CONTIG-032324	181	10	3	45	0
CONTIG-032330	399	7	3	41	0
CONTIG-032332	148	4	2	16	0
CONTIG-032333	226	14	58	87	0
CONTIG-032334	412	28	12	354	46
CONTIG-032335	540	46	69	1524	0
CONTIG-032337	204	12	2	61	4
CONTIG-032338	63	61	25	171	0
CONTIG-032339	75	31	106	15	8
CONTIG-032341	218	15	35	108	0
CONTIG-032347	247	7	8	38	2
CONTIG-032348	58	5	0	6	0
CONTIG-032349	180	9	20	39	0
CONTIG-032350	63	6	3	11	0
CONTIG-032352	136	3	0	0	0
CONTIG-032353	105	21	58	14	0
CONTIG-032354	78	4	3	10	0
CONTIG-032355	83	7	7	20	0
CONTIG-032357	379	29	66	154	14
CONTIG-032358	297	17	10	278	0
CONTIG-032359	270	17	121	163	0
CONTIG-032360	264	13	27	35	2
CONTIG-032361	71	7	0	16	0
CONTIG-032362	139	15	58	31	0
CONTIG-032363	86	24	41	32	0
CONTIG-032364	628	27	32	102	0
CONTIG-032365	68	5	0	10	0
CONTIG-032366	149	9	8	38	0
CONTIG-032367	358	9	50	94	0
CONTIG-032368	462	22	90	232	2
CONTIG-032370	181	6	2	34	0

CONTIG-032373	487	16	107	234	2
CONTIG-032374	62	5	5	4	0
CONTIG-032375	362	6	10	32	0
CONTIG-032376	116	17	9	91	0
CONTIG-032377	1059	28	107	701	81
CONTIG-032378	433	39	203	391	4
CONTIG-032379	472	8	8	116	0
CONTIG-032380	89	7	46	7	0
CONTIG-032381	73	9	7	24	0
CONTIG-032382	82	33	22	147	0
CONTIG-032383	187	8	15	46	0
CONTIG-032384	218	5	10	10	2
CONTIG-032385	163	5	0	15	0
CONTIG-032386	98	8	19	19	0
CONTIG-032387	191	16	89	82	0
CONTIG-032389	165	21	43	120	0
CONTIG-032390	243	7	8	37	0
CONTIG-032391	311	10	116	24	0
CONTIG-032392	138	5	5	14	0
CONTIG-032393	711	17	95	367	2
CONTIG-032394	169	7	27	34	0
CONTIG-032395	71	5	2	10	0
CONTIG-032397	69	10	5	34	0
CONTIG-032398	95	9	47	15	0
CONTIG-032402	153	16	9	16	0
CONTIG-032406	254	8	7	59	0
CONTIG-032411	61	8	3	15	0
CONTIG-032425	634	38	79	557	45
CONTIG-032426	264	16	27	139	0
CONTIG-032427	197	6	11	23	0
CONTIG-032428	215	18	21	105	6
CONTIG-032429	58	21	83	2	0
CONTIG-032430	61	14	7	10	0
CONTIG-032431	182	7	10	48	0
CONTIG-032432	474	23	127	178	6
CONTIG-032433	842	14	30	318	6
CONTIG-032434	224	8	14	20	0
CONTIG-032438	108	5	2	11	0
CONTIG-032439	129	14	17	59	0
CONTIG-032440	140	20	4	142	0
CONTIG-032441	71	12	4	11	0
CONTIG-032442	329	10	34	104	2
CONTIG-032443	130	9	14	28	0
CONTIG-032444	63	8	8	15	0
CONTIG-032445	175	10	33	61	0
CONTIG-032446	595	25	84	412	2
CONTIG-032447	123	6	11	17	0

CONTIG-032448	124	11	18	35	0
CONTIG-032449	75	18	21	37	0
CONTIG-032450	225	13	10	107	0
CONTIG-032451	149	20	52	29	0
CONTIG-032452	68	6	5	11	0
CONTIG-032453	361	31	227	260	2
CONTIG-032454	129	12	8	74	0
CONTIG-032455	725	24	165	380	55
CONTIG-032456	520	12	127	230	0
CONTIG-032458	225	103	103	1376	0
CONTIG-032459	305	17	33	110	6
CONTIG-032460	180	9	3	0	0
CONTIG-032461	229	12	2	38	0
CONTIG-032462	381	9	34	82	0
CONTIG-032463	264	11	52	69	0
CONTIG-032464	148	7	5	26	0
CONTIG-032465	149	5	17	9	0
CONTIG-032466	467	14	28	251	0
CONTIG-032467	78	31	2	0	16
CONTIG-032468	249	13	16	102	0
CONTIG-032469	89	15	10	17	0
CONTIG-032470	72	12	38	11	0
CONTIG-032471	522	33	68	958	2
CONTIG-032472	141	6	29	16	0
CONTIG-032473	323	15	40	197	0
CONTIG-032474	61	6	10	2	0
CONTIG-032475	188	21	14	121	0
CONTIG-032477	93	6	36	0	0
CONTIG-032478	431	16	33	337	0
CONTIG-032479	162	9	28	18	0
CONTIG-032480	107	6	28	4	0
CONTIG-032481	103	5	3	10	0
CONTIG-032482	77	5	6	4	0
CONTIG-032483	73	4	5	6	0
CONTIG-032485	152	3	2	10	0
CONTIG-032486	176	9	14	41	0
CONTIG-032487	434	12	2	167	11
CONTIG-032488	67	14	24	17	0
CONTIG-032489	340	34	20	458	2
CONTIG-032490	216	20	22	226	0
CONTIG-032491	254	14	60	40	0
CONTIG-032492	215	15	40	86	2
CONTIG-032499	848	20	223	644	0
CONTIG-032500	124	16	14	66	0
CONTIG-032501	94	9	4	35	0
CONTIG-032502	385	9	121	83	0
CONTIG-032503	137	8	0	29	0

CONTIG-032504	167	5	8	33	0
CONTIG-032505	122	62	52	439	0
CONTIG-032507	64	28	26	16	0
CONTIG-032508	136	8	2	37	0
CONTIG-032509	127	6	5	26	0
CONTIG-032511	221	12	11	112	0
CONTIG-032512	129	9	5	28	0
CONTIG-032513	59	2	2	0	0
CONTIG-032514	423	10	4	113	4
CONTIG-032519	100	13	10	55	0
CONTIG-032522	269	8	2	81	0
CONTIG-032523	60	8	4	14	0
CONTIG-032524	752	15	0	0	114
CONTIG-032525	204	13	6	108	0
CONTIG-032526	253	25	50	339	0
CONTIG-032527	137	9	34	8	0
CONTIG-032528	84	13	7	24	0
CONTIG-032529	393	20	17	280	2
CONTIG-032531	118	24	35	25	2
CONTIG-032532	86	9	17	15	0
CONTIG-032533	599	15	189	260	12
CONTIG-032534	67	13	20	20	0
CONTIG-032535	460	16	25	176	2
CONTIG-032536	848	19	113	747	0
CONTIG-032537	114	7	17	13	0
CONTIG-032539	83	13	2	39	0
CONTIG-032540	597	10	37	188	0
CONTIG-032541	77	3	7	2	0
CONTIG-032542	108	6	3	29	0
CONTIG-032543	99	36	53	91	0
CONTIG-032544	631	17	138	364	0
CONTIG-032545	86	11	19	32	0
CONTIG-032546	297	19	51	136	9
CONTIG-032547	80	5	4	2	0
CONTIG-032548	61	5	5	8	0
CONTIG-032549	213	7	6	7	0
CONTIG-032550	69	5	2	6	0
CONTIG-032551	102	6	6	6	0
CONTIG-032554	792	24	16	865	6
CONTIG-032555	272	13	12	128	0
CONTIG-032556	87	8	2	22	0
CONTIG-032557	143	19	75	109	0
CONTIG-032558	275	15	42	171	0
CONTIG-032559	59	85	5	111	6
CONTIG-032560	76	175	15	695	0
CONTIG-032561	109	12	27	28	0
CONTIG-032562	196	18	9	97	2

CONTIG-032563	109	6	0	22	2
CONTIG-032564	218	10	27	45	0
CONTIG-032565	73	5	2	9	0
CONTIG-032566	180	11	39	77	0
CONTIG-032567	296	7	10	61	0
CONTIG-032568	746	13	45	438	0
CONTIG-032569	521	14	108	203	4
CONTIG-032570	481	9	0	123	0
CONTIG-032572	180	45	54	194	2
CONTIG-032573	75	7	10	2	0
CONTIG-032575	248	9	4	41	0
CONTIG-032576	79	5	12	2	0
CONTIG-032580	139	17	3	0	0
CONTIG-032581	806	17	82	504	0
CONTIG-032582	69	8	4	15	0
CONTIG-032583	37	43	19	41	0
CONTIG-032584	316	9	32	5	2
CONTIG-032585	123	7	5	31	0
CONTIG-032586	225	13	72	60	0
CONTIG-032587	269	10	28	71	0
CONTIG-032588	144	12	0	2	0
CONTIG-032589	337	6	31	48	0
CONTIG-032590	377	15	123	85	0
CONTIG-032591	123	214	58	2	411
CONTIG-032592	97	9	9	10	0
CONTIG-032593	110	21	53	42	0
CONTIG-032594	156	17	36	0	12
CONTIG-032595	82	2	3	3	3
CONTIG-032596	218	10	25	69	0
CONTIG-032597	96	40	28	76	0
CONTIG-032599	918	18	91	621	4
CONTIG-032600	894	27	138	555	10
CONTIG-032601	250	8	7	37	0
CONTIG-032603	65	7	9	9	0
CONTIG-032604	1274	17	21	969	2
CONTIG-032605	306	9	25	92	0
CONTIG-032606	866	20	40	1017	2
CONTIG-032607	129	12	20	46	0
CONTIG-032608	290	12	46	108	0
CONTIG-032609	64	4	5	4	0
CONTIG-032610	265	9	4	83	0
CONTIG-032612	755	16	30	665	0
CONTIG-032613	72	7	11	17	0
CONTIG-032614	87	4	2	10	0
CONTIG-032615	1110	20	77	405	2
CONTIG-032616	1140	33	6	2	228
CONTIG-032617	76	4	7	5	0

CONTIG-032618	114	10	36	38	0
CONTIG-032619	501	57	99	1474	0
CONTIG-032620	180	12	15	51	6
CONTIG-032621	98	7	3	23	0
CONTIG-032622	143	3	3	4	0
CONTIG-032623	69	6	5	15	0
CONTIG-032624	121	8	23	26	0
CONTIG-032625	304	16	93	153	0
CONTIG-032626	63	9	4	10	0
CONTIG-032627	302	13	19	70	0
CONTIG-032628	118	7	4	34	0
CONTIG-032629	83	14	10	0	0
CONTIG-032630	78	7	8	15	0
CONTIG-032632	388	37	45	543	0
CONTIG-032633	505	11	66	219	0
CONTIG-032634	171	16	44	54	0
CONTIG-032635	586	18	64	230	2
CONTIG-032636	137	6	8	26	0
CONTIG-032637	58	5	7	4	0
CONTIG-032638	81	6	5	5	0
CONTIG-032639	97	12	37	16	0
CONTIG-032640	516	12	41	255	2
CONTIG-032641	137	9	8	35	2
CONTIG-032646	76	15	26	24	0
CONTIG-032647	178	15	10	110	0
CONTIG-032648	59	10	3	20	0
CONTIG-032649	127	15	19	55	0
CONTIG-032650	496	22	8	0	132
CONTIG-032651	116	4	5	10	2
CONTIG-032652	234	29	6	385	0
CONTIG-032653	142	3	0	8	0
CONTIG-032654	258	12	27	82	2
CONTIG-032655	150	4	2	17	2
CONTIG-032656	93	8	0	11	0
CONTIG-032657	234	8	38	67	0
CONTIG-032658	101	8	7	18	0
CONTIG-032659	110	253	62	894	109
CONTIG-032660	80	17	10	22	0
CONTIG-032661	58	2	6	2	0
CONTIG-032663	90	6	25	12	0
CONTIG-032664	180	6	4	2	0
CONTIG-032665	179	10	84	47	0
CONTIG-032666	832	12	39	0	41
CONTIG-032667	143	6	10	23	0
CONTIG-032668	78	6	20	0	0
CONTIG-032669	89	7	3	8	0
CONTIG-032670	179	10	10	43	0

CONTIG-032671	82	9	69	5	0
CONTIG-032672	260	12	11	88	0
CONTIG-032674	117	16	34	0	0
CONTIG-032675	222	12	9	107	0
CONTIG-032676	89	5	14	8	0
CONTIG-032677	155	33	28	104	2
CONTIG-032678	347	11	78	0	0
CONTIG-032679	77	8	48	2	0
CONTIG-032682	85	17	17	12	0
CONTIG-032683	89	11	2	41	0
CONTIG-032684	436	12	23	162	0
CONTIG-032685	138	8	5	44	0
CONTIG-032686	433	11	14	153	0
CONTIG-032687	249	13	17	66	2
CONTIG-032688	220	9	9	93	2
CONTIG-032689	109	10	20	16	0
CONTIG-032690	174	50	85	354	2
CONTIG-032691	97	42	17	55	0
CONTIG-032692	145	7	15	37	0
CONTIG-032693	57	269	31	180	2
CONTIG-032695	119	23	41	83	0
CONTIG-032696	431	9	57	115	0
CONTIG-032697	83	3	2	0	0
CONTIG-032698	121	11	43	25	0
CONTIG-032699	81	8	35	4	0
CONTIG-032700	285	26	3	0	34
CONTIG-032703	121	11	0	46	3
CONTIG-032704	145	10	4	49	0
CONTIG-032705	66	6	0	13	0
CONTIG-032706	290	13	17	130	3
CONTIG-032709	80	4	0	6	0
CONTIG-032710	166	22	54	92	4
CONTIG-032711	94	6	9	16	0
CONTIG-032712	58	9	0	13	0
CONTIG-032713	81	18	45	29	0
CONTIG-032714	429	10	29	95	0
CONTIG-032715	181	5	2	31	0
CONTIG-032716	101	5	18	2	0
CONTIG-032717	176	47	93	121	11
CONTIG-032718	118	18	40	2	0
CONTIG-032719	160	10	9	22	0
CONTIG-032720	168	8	32	5	3
CONTIG-032721	78	6	13	3	0
CONTIG-032722	247	4	5	12	0
CONTIG-032723	194	23	57	144	0
CONTIG-032724	394	9	45	141	0
CONTIG-032725	383	5	18	48	0

CONTIG-032726	149	6	4	11	0
CONTIG-032727	560	8	92	48	5
CONTIG-032728	433	11	17	79	2
CONTIG-032729	212	5	14	23	0
CONTIG-032731	792	11	28	218	6
CONTIG-032732	416	8	18	60	0
CONTIG-032733	143	10	4	0	8
CONTIG-032734	148	18	13	121	0
CONTIG-032735	83	140	118	591	0
CONTIG-032737	196	8	26	9	0
CONTIG-032738	245	15	42	85	0
CONTIG-032739	60	6	13	13	0
CONTIG-032740	92	8	12	23	0
CONTIG-032741	333	22	95	52	0
CONTIG-032742	199	16	4	12	0
CONTIG-032743	170	51	17	339	0
CONTIG-032744	115	11	20	33	0
CONTIG-032745	484	60	15	0	592
CONTIG-032746	187	8	15	29	0
CONTIG-032747	120	5	13	4	0
CONTIG-032748	238	8	21	82	0
CONTIG-032749	267	10	40	14	0
CONTIG-032750	201	30	27	279	0
CONTIG-032751	169	10	24	57	0
CONTIG-032752	64	8	17	4	0
CONTIG-032753	139	9	26	32	0
CONTIG-032754	112	6	0	9	0
CONTIG-032755	389	24	69	360	0
CONTIG-032756	154	5	37	5	0
CONTIG-032757	60	11	20	2	0
CONTIG-032758	148	7	8	28	0
CONTIG-032759	65	9	21	0	0
CONTIG-032760	761	11	57	300	6
CONTIG-032761	177	32	111	183	0
CONTIG-032762	71	9	28	11	0
CONTIG-032764	143	15	23	67	0
CONTIG-032765	63	24	6	34	0
CONTIG-032766	134	10	62	15	0
CONTIG-032767	355	17	85	105	2
CONTIG-032768	336	40	72	443	25
CONTIG-032769	85	11	13	11	0
CONTIG-032770	181	12	131	29	0
CONTIG-032771	109	15	8	56	0
CONTIG-032772	113	3	6	5	0
CONTIG-032773	120	9	6	17	0
CONTIG-032775	294	16	12	170	2
CONTIG-032776	397	11	16	162	2

CONTIG-032777	68	7	10	9	0
CONTIG-032778	230	8	13	57	0
CONTIG-032779	94	3	0	5	0
CONTIG-032780	66	1832	31	5917	0
CONTIG-032781	176	12	26	78	2
CONTIG-032782	248	17	80	40	0
CONTIG-032783	348	69	44	878	103
CONTIG-032786	295	11	10	113	0
CONTIG-032790	110	23	82	90	0
CONTIG-032791	790	17	172	324	2
CONTIG-032792	764	16	76	294	18
CONTIG-032793	493	11	18	200	2
CONTIG-032794	66	11	3	15	0
CONTIG-032795	107	7	6	21	0
CONTIG-032796	87	24	28	2	0
CONTIG-032797	325	12	49	101	0
CONTIG-032798	157	15	22	37	0
CONTIG-032799	179	11	28	41	0
CONTIG-032800	60	8	15	6	0
CONTIG-032807	68	12	22	18	0
CONTIG-032808	211	14	13	89	0
CONTIG-032809	67	10	54	5	0
CONTIG-032810	78	7	0	13	2
CONTIG-032811	111	25	3	103	0
CONTIG-032812	408	31	31	377	6
CONTIG-032813	526	12	42	286	0
CONTIG-032814	52	376	2	7	0
CONTIG-032815	77	3	7	7	0
CONTIG-032816	126	5	3	12	0
CONTIG-032817	816	12	13	414	2
CONTIG-032818	123	7	11	4	0
CONTIG-032820	474	26	79	653	2
CONTIG-032821	84	3	14	0	0
CONTIG-032822	323	9	15	96	0
CONTIG-032823	228	12	22	123	0
CONTIG-032824	100	12	8	28	0
CONTIG-032825	199	28	13	205	4
CONTIG-032826	244	8	0	47	0
CONTIG-032827	71	8	2	11	0
CONTIG-032828	71	7	12	3	0
CONTIG-032829	293	6	3	44	2
CONTIG-032830	51	21	5	16	0
CONTIG-032831	101	27	14	108	0
CONTIG-032832	65	485	302	1106	2
CONTIG-032833	153	9	7	45	2
CONTIG-032834	59	5	3	7	0
CONTIG-032835	214	8	12	61	0

CONTIG-032836	177	8	6	39	0
CONTIG-032837	111	7	20	0	0
CONTIG-032838	393	50	18	1208	2
CONTIG-032839	381	13	55	124	0
CONTIG-032840	327	10	16	104	2
CONTIG-032841	264	10	22	80	0
CONTIG-032842	350	10	8	93	0
CONTIG-032844	142	4	2	7	0
CONTIG-032845	332	10	2	123	0
CONTIG-032846	148	9	23	40	2
CONTIG-032847	553	38	51	30	0
CONTIG-032848	102	5	12	4	0
CONTIG-032849	54	521	98	445	127
CONTIG-032850	328	4	6	33	0
CONTIG-032851	365	10	8	182	0
CONTIG-032852	224	8	8	65	0
CONTIG-032853	281	16	21	147	0
CONTIG-032854	1314	25	99	895	6
CONTIG-032860	69	10	2	25	0
CONTIG-032861	241	13	63	94	2
CONTIG-032862	162	25	13	208	0
CONTIG-032863	314	8	39	80	0
CONTIG-032864	440	24	47	480	4
CONTIG-032865	476	12	2	6	0
CONTIG-032866	106	10	0	2	0
CONTIG-032867	82	6	35	4	0
CONTIG-032868	102	5	9	18	0
CONTIG-032869	73	9	2	35	0
CONTIG-032870	89	17	115	4	0
CONTIG-032871	228	12	29	97	0
CONTIG-032872	59	3	0	0	0
CONTIG-032873	80	15	44	0	0
CONTIG-032874	315	12	72	147	2
CONTIG-032875	60	2	3	0	0
CONTIG-032876	260	6	11	34	0
CONTIG-032877	58	9	15	7	0
CONTIG-032878	303	14	19	210	0
CONTIG-032879	36	38	2	18	0
CONTIG-032880	92	14	3	0	0
CONTIG-032881	90	7	12	20	0
CONTIG-032882	206	9	8	77	0
CONTIG-032883	1775	25	22	2473	0
CONTIG-032884	225	6	6	30	0
CONTIG-032886	80	8	2	14	0
CONTIG-032887	59	9	29	3	0
CONTIG-032888	276	116	297	938	5
CONTIG-032889	957	33	112	1234	9

CONTIG-032890	92	7	4	12	0
CONTIG-032891	82	6	7	18	0
CONTIG-032892	91	3	15	0	0
CONTIG-032893	517	9	4	0	10
CONTIG-032895	153	8	21	16	0
CONTIG-032896	76	3	5	2	0
CONTIG-032897	240	9	20	59	0
CONTIG-032898	78	6	7	6	0
CONTIG-032899	157	21	94	42	2
CONTIG-032900	115	10	5	58	0
CONTIG-032901	101	9	65	14	0
CONTIG-032902	141	5	2	23	0
CONTIG-032903	647	11	17	322	0
CONTIG-032904	100	6	18	16	0
CONTIG-032905	980	16	27	122	35
CONTIG-032911	277	10	34	81	0
CONTIG-032912	475	12	64	155	2
CONTIG-032914	198	14	16	84	0
CONTIG-032915	170	8	2	2	0
CONTIG-032917	475	13	100	186	2
CONTIG-032918	536	11	30	212	0
CONTIG-032924	110	8	9	22	0
CONTIG-032925	289	18	17	204	2
CONTIG-032926	310	11	8	103	0
CONTIG-032928	919	19	42	664	11
CONTIG-032929	95	7	11	12	0
CONTIG-032930	528	22	102	238	0
CONTIG-032931	325	17	46	181	0
CONTIG-032932	105	4	4	8	0
CONTIG-032933	86	31	52	0	2
CONTIG-032934	413	11	10	8	0
CONTIG-032935	280	19	160	140	0
CONTIG-032936	116	7	2	27	0
CONTIG-032938	172	8	6	63	0
CONTIG-032940	295	14	88	101	0
CONTIG-032941	84	7	9	15	0
CONTIG-032942	95	381	517	1237	0
CONTIG-032944	172	7	20	14	0
CONTIG-032945	82	7	13	22	0
CONTIG-032946	69	6	0	15	0
CONTIG-032947	373	9	24	139	0
CONTIG-032948	330	9	6	80	3
CONTIG-032949	179	17	9	149	0
CONTIG-032951	525	7	11	101	2
CONTIG-032952	334	26	56	322	0
CONTIG-032953	67	9	21	13	2
CONTIG-032954	406	15	61	286	0

CONTIG-032961	120	3	3	2	0
CONTIG-032962	143	14	55	28	2
CONTIG-032963	120	5	4	2	0
CONTIG-032964	46	46	17	28	0
CONTIG-032965	148	8	2	32	0
CONTIG-032966	163	6	14	28	0
CONTIG-032967	291	13	76	89	0
CONTIG-032968	296	28	46	331	2
CONTIG-032969	183	10	14	44	0
CONTIG-032970	274	7	16	57	0
CONTIG-032971	227	5	24	11	0
CONTIG-032972	38	16	0	16	0
CONTIG-032973	90	10	5	37	0
CONTIG-032974	398	147	28	1525	53
CONTIG-032975	232	9	95	18	0
CONTIG-032976	119	3	0	6	0
CONTIG-032977	290	9	4	70	2
CONTIG-032978	62	7	12	7	0
CONTIG-032979	70	7	20	0	0
CONTIG-032980	95	11	62	17	0
CONTIG-032981	86	9	13	20	0
CONTIG-032982	192	12	5	130	0
CONTIG-032983	86	9	10	14	0
CONTIG-032984	456	12	22	187	0
CONTIG-032985	326	10	6	117	0
CONTIG-032986	421	53	103	273	66
CONTIG-032987	199	7	21	24	0
CONTIG-032989	146	11	13	47	0
CONTIG-032990	84	5	4	3	0
CONTIG-032991	403	23	39	187	0
CONTIG-032993	226	37	181	190	0
CONTIG-032994	325	21	41	99	0
CONTIG-032997	128	9	3	64	0
CONTIG-032998	274	16	73	153	0
CONTIG-032999	76	6	5	12	0
CONTIG-033000	99	12	37	15	0
CONTIG-033001	133	12	8	53	0
CONTIG-033002	271	14	73	88	0
CONTIG-033003	169	7	4	20	0
CONTIG-033004	185	6	7	22	2
CONTIG-033005	62	77	118	62	0
CONTIG-033006	81	2	2	8	0
CONTIG-033007	479	11	110	147	4
CONTIG-033008	164	19	11	42	0
CONTIG-033010	95	53	67	197	0
CONTIG-033011	240	7	7	62	2
CONTIG-033012	436	35	58	743	6

CONTIG-033014	202	64	5	2	91
CONTIG-033015	77	23	19	19	0
CONTIG-033016	60	11	2	25	0
CONTIG-033017	84	9	6	2	0
CONTIG-033018	494	22	44	121	9
CONTIG-033019	525	12	29	173	0
CONTIG-033020	753	22	184	699	0
CONTIG-033021	219	8	8	24	0
CONTIG-033022	626	16	112	324	4
CONTIG-033025	171	10	6	43	0
CONTIG-033027	77	86	11	243	0
CONTIG-033028	60	10	49	2	0
CONTIG-033029	263	19	141	126	0
CONTIG-033031	62	25	113	27	0
CONTIG-033032	103	4	0	4	0
CONTIG-033033	59	10	0	14	0
CONTIG-033034	91	7	12	16	0
CONTIG-033035	198	5	5	22	0
CONTIG-033036	137	9	7	26	0
CONTIG-033037	352	9	8	81	2
CONTIG-033038	304	31	8	2	56
CONTIG-033039	118	163	63	706	21
CONTIG-033040	155	13	13	28	2
CONTIG-033041	884	34	142	1219	2
CONTIG-033042	247	9	13	89	0
CONTIG-033045	69	6	3	14	0
CONTIG-033046	330	6	7	81	0
CONTIG-033047	469	27	57	593	0
CONTIG-033048	181	19	24	153	0
CONTIG-033049	90	6	23	0	0
CONTIG-033051	135	7	0	9	0
CONTIG-033052	180	11	57	12	0
CONTIG-033056	100	10	6	15	0
CONTIG-033057	78	15	6	23	0
CONTIG-033058	105	17	22	65	0
CONTIG-033060	135	4	7	3	0
CONTIG-033061	131	6	6	11	3
CONTIG-033062	109	3	2	6	0
CONTIG-033063	89	10	4	44	0
CONTIG-033065	52	109	12	339	0
CONTIG-033066	67	5	15	2	0
CONTIG-033067	85	7	0	22	0
CONTIG-033068	65	269	174	201	77
CONTIG-033069	86	68	12	161	0
CONTIG-033070	157	19	15	32	0
CONTIG-033071	104	4	7	3	0
CONTIG-033072	484	9	18	91	0

CONTIG-033073	217	10	5	55	2
CONTIG-033081	121	13	23	6	0
CONTIG-033082	163	8	2	20	0
CONTIG-033084	148	13	74	47	0
CONTIG-033085	69	2	0	4	2
CONTIG-033086	461	14	85	189	0
CONTIG-033087	383	9	6	133	0
CONTIG-033088	102	5	2	11	0
CONTIG-033089	72	7	18	0	0
CONTIG-033091	86	17	48	10	2
CONTIG-033092	133	7	28	27	0
CONTIG-033093	192	7	15	16	0
CONTIG-033094	96	7	4	18	0
CONTIG-033095	211	5	19	20	0
CONTIG-033096	305	17	49	144	0
CONTIG-033097	76	4	0	12	0
CONTIG-033098	234	8	12	48	0
CONTIG-033099	66	7	6	13	0
CONTIG-033100	197	16	127	23	0
CONTIG-033101	109	14	48	47	0
CONTIG-033102	86	16	30	53	0
CONTIG-033103	612	18	18	501	2
CONTIG-033104	208	5	14	18	0
CONTIG-033105	57	135	11	10	0
CONTIG-033107	199	21	0	105	0
CONTIG-033109	118	7	2	31	0
CONTIG-033112	92	11	60	24	0
CONTIG-033113	76	6	9	8	0
CONTIG-033114	449	82	81	0	516
CONTIG-033115	546	18	122	198	0
CONTIG-033116	282	30	17	369	4
CONTIG-033117	101	7	4	16	0
CONTIG-033121	335	14	60	81	0
CONTIG-033122	112	7	13	19	0
CONTIG-033123	166	5	10	12	0
CONTIG-033124	437	14	37	249	0
CONTIG-033125	87	17	15	46	0
CONTIG-033126	125	6	15	31	0
CONTIG-033127	266	5	5	19	0
CONTIG-033128	44	78	19	98	0
CONTIG-033129	125	12	0	25	0
CONTIG-033130	89	26	172	0	0
CONTIG-033131	269	8	4	65	6
CONTIG-033137	98	9	14	9	0
CONTIG-033138	131	33	30	126	0
CONTIG-033139	161	10	13	25	2
CONTIG-033140	201	12	0	57	0

CONTIG-033141	124	6	2	13	0
CONTIG-033142	328	19	134	118	0
CONTIG-033143	146	257	141	2102	3
CONTIG-033144	85	7	6	14	0
CONTIG-033145	200	44	138	244	4
CONTIG-033146	163	9	8	9	3
CONTIG-033147	95	7	2	25	0
CONTIG-033148	61	4	12	2	2
CONTIG-033149	428	24	27	265	6
CONTIG-033150	98	6	3	13	0
CONTIG-033151	100	14	73	23	0
CONTIG-033152	125	4	0	12	0
CONTIG-033153	58	8	7	5	0
CONTIG-033157	77	13	26	14	0
CONTIG-033158	69	9	7	27	0
CONTIG-033159	750	20	123	692	0
CONTIG-033160	252	9	2	72	0
CONTIG-033161	136	12	14	39	0
CONTIG-033162	415	16	12	115	18
CONTIG-033163	95	36	131	96	0
CONTIG-033164	303	16	53	152	4
CONTIG-033165	231	13	6	111	0
CONTIG-033166	158	9	34	53	0
CONTIG-033167	80	9	2	30	0
CONTIG-033168	105	6	19	13	0
CONTIG-033169	205	14	18	110	0
CONTIG-033170	337	26	57	276	0
CONTIG-033171	62	9	6	0	0
CONTIG-033172	678	17	58	399	2
CONTIG-033174	178	9	45	35	0
CONTIG-033175	135	9	30	30	0
CONTIG-033176	72	6	0	15	0
CONTIG-033177	308	24	44	317	3
CONTIG-033178	215	7	8	62	0
CONTIG-033179	111	8	6	24	0
CONTIG-033180	75	10	4	24	0
CONTIG-033181	86	5	2	4	0
CONTIG-033182	88	8	6	25	2
CONTIG-033183	80	6	28	11	0
CONTIG-033184	85	9	42	0	0
CONTIG-033185	182	14	18	97	0
CONTIG-033186	190	8	28	41	0
CONTIG-033187	110	6	10	10	0
CONTIG-033191	241	11	15	74	0
CONTIG-033192	198	12	2	0	7
CONTIG-033193	232	12	5	95	0
CONTIG-033194	216	15	21	74	2

CONTIG-033195	121	9	4	36	0
CONTIG-033196	75	10	5	11	0
CONTIG-033200	143	35	35	146	7
CONTIG-033201	143	14	11	68	2
CONTIG-033202	373	17	21	181	0
CONTIG-033203	294	15	84	43	2
CONTIG-033204	169	36	114	93	0
CONTIG-033205	73	4	12	0	0
CONTIG-033206	91	59	8	186	6
CONTIG-033207	732	12	38	187	10
CONTIG-033208	112	12	3	61	0
CONTIG-033209	124	9	6	12	0
CONTIG-033210	93	7	8	9	0
CONTIG-033211	336	10	93	76	0
CONTIG-033213	100	9	9	13	0
CONTIG-033214	83	19	4	59	0
CONTIG-033215	263	16	6	193	0
CONTIG-033216	388	9	24	81	2
CONTIG-033221	67	7	8	13	0
CONTIG-033223	84	379	0	0	59
CONTIG-033224	985	29	225	904	11
CONTIG-033225	236	19	67	127	4
CONTIG-033226	519	59	125	590	86
CONTIG-033227	131	5	2	27	0
CONTIG-033228	452	13	64	248	0
CONTIG-033229	104	19	71	36	0
CONTIG-033230	1141	17	48	349	0
CONTIG-033231	58	34	6	94	0
CONTIG-033232	87	23	48	7	2
CONTIG-033233	601	11	6	117	9
CONTIG-033234	265	28	7	213	0
CONTIG-033235	115	61	51	77	0
CONTIG-033236	73	6	0	16	0
CONTIG-033237	100	6	3	9	0
CONTIG-033238	487	6	23	38	0
CONTIG-033240	148	7	0	46	2
CONTIG-033241	439	9	3	86	0
CONTIG-033242	176	11	20	30	0
CONTIG-033243	173	19	75	119	0
CONTIG-033244	44	28	6	10	4
CONTIG-033245	130	5	7	14	0
CONTIG-033246	184	8	21	52	0
CONTIG-033247	98	46	230	103	2
CONTIG-033248	142	9	11	36	2
CONTIG-033249	230	9	26	54	0
CONTIG-033250	80	3	0	2	0
CONTIG-033251	74	6	2	19	0

CONTIG-033252	170	6	13	36	0
CONTIG-033253	572	18	6	601	0
CONTIG-033254	282	78	33	1350	19
CONTIG-033255	159	9	18	34	0
CONTIG-033256	227	10	13	98	0
CONTIG-033257	269	10	9	127	0
CONTIG-033259	390	20	23	228	6
CONTIG-033260	67	4	3	14	0
CONTIG-033261	260	7	10	55	0
CONTIG-033264	51	277	0	313	0
CONTIG-033265	121	9	4	36	0
CONTIG-033266	336	15	57	129	2
CONTIG-033268	81	8	63	0	0
CONTIG-033269	127	12	16	30	0
CONTIG-033270	286	12	5	138	0
CONTIG-033271	84	11	8	41	0
CONTIG-033272	58	6	19	5	0
CONTIG-033273	553	13	68	287	2
CONTIG-033274	182	159	55	1399	0
CONTIG-033275	246	14	12	133	0
CONTIG-033276	92	12	6	25	0
CONTIG-033277	133	10	9	43	0
CONTIG-033278	214	9	18	56	0
CONTIG-033279	96	9	29	24	0
CONTIG-033280	68	2	4	0	0
CONTIG-033281	290	15	61	40	0
CONTIG-033282	277	7	24	26	2
CONTIG-033283	112	4	4	6	0
CONTIG-033285	509	17	39	273	6
CONTIG-033286	180	10	4	75	0
CONTIG-033287	247	13	19	100	0
CONTIG-033289	180	11	30	40	0
CONTIG-033290	686	13	32	289	2
CONTIG-033291	247	19	41	12	0
CONTIG-033292	513	9	41	188	0
CONTIG-033293	358	11	29	56	2
CONTIG-033294	289	7	32	66	0
CONTIG-033295	504	15	22	222	0
CONTIG-033296	70	9	3	5	2
CONTIG-033297	84	6	10	12	0
CONTIG-033298	865	29	42	1084	2
CONTIG-033299	146	8	32	20	2
CONTIG-033300	98	4	10	2	0
CONTIG-033301	1123	19	73	635	13
CONTIG-033302	126	4	9	10	0
CONTIG-033303	347	14	54	149	4
CONTIG-033304	556	23	29	268	0

CONTIG-033305	455	37	211	233	0
CONTIG-033306	234	13	3	75	0
CONTIG-033307	115	3	0	12	0
CONTIG-033308	153	5	5	21	0
CONTIG-033309	117	11	22	21	0
CONTIG-033312	121	10	18	35	0
CONTIG-033314	89	4	10	2	0
CONTIG-033315	809	19	125	283	7
CONTIG-033316	70	5	0	10	0
CONTIG-033317	317	27	129	333	0
CONTIG-033318	374	24	64	120	0
CONTIG-033319	258	13	20	89	0
CONTIG-033320	229	38	161	148	6
CONTIG-033321	36	528	2	37	0
CONTIG-033322	531	14	21	209	0
CONTIG-033323	68	15	102	3	0
CONTIG-033324	333	13	34	110	0
CONTIG-033325	333	23	43	254	3
CONTIG-033326	87	4	0	0	0
CONTIG-033327	85	28	6	75	0
CONTIG-033328	285	16	145	85	0
CONTIG-033329	221	9	11	47	0
CONTIG-033330	233	10	43	46	0
CONTIG-033331	58	76	150	116	0
CONTIG-033334	186	4	4	15	0
CONTIG-033335	113	16	0	82	2
CONTIG-033338	92	12	8	27	0
CONTIG-033339	315	11	71	95	0
CONTIG-033340	120	7	4	16	0
CONTIG-033341	86	8	0	2	0
CONTIG-033342	152	34	61	134	0
CONTIG-033343	316	7	50	48	0
CONTIG-033344	494	10	125	112	2
CONTIG-033345	137	7	4	41	0
CONTIG-033353	123	40	96	110	0
CONTIG-033356	111	4	6	0	5
CONTIG-033357	206	19	100	78	0
CONTIG-033358	134	24	22	81	2
CONTIG-033359	90	7	27	11	0
CONTIG-033360	439	31	77	386	4
CONTIG-033361	139	6	4	20	0
CONTIG-033362	165	11	12	40	0
CONTIG-033363	84	10	11	21	0
CONTIG-033364	40	17	14	11	0
CONTIG-033365	122	12	35	38	0
CONTIG-033366	192	20	82	160	0
CONTIG-033367	226	6	12	31	0

CONTIG-033368	223	10	7	72	0
CONTIG-033369	68	144	21	374	0
CONTIG-033370	516	15	18	295	0
CONTIG-033371	99	6	10	11	2
CONTIG-033372	60	3	0	2	0
CONTIG-033373	150	7	2	22	0
CONTIG-033374	346	10	5	111	0
CONTIG-033376	261	7	21	55	2
CONTIG-033377	151	21	36	41	0
CONTIG-033378	110	10	27	9	4
CONTIG-033379	69	10	5	27	0
CONTIG-033381	256	10	4	23	0
CONTIG-033382	192	27	99	177	0
CONTIG-033383	85	21	3	57	0
CONTIG-033384	61	4	0	2	0
CONTIG-033385	702	22	0	0	138
CONTIG-033386	136	6	14	18	0
CONTIG-033387	101	6	5	17	0
CONTIG-033388	81	8	11	4	0
CONTIG-033391	541	11	11	313	0
CONTIG-033392	234	10	32	76	0
CONTIG-033393	486	19	97	332	0
CONTIG-033394	44	455	129	111	56
CONTIG-033396	534	22	69	650	0
CONTIG-033397	187	7	5	50	4
CONTIG-033398	674	23	88	661	0
CONTIG-033399	69	4	3	0	0
CONTIG-033400	469	18	9	340	0
CONTIG-033401	283	6	5	56	0
CONTIG-033402	79	46	39	74	6
CONTIG-033407	212	23	102	62	0
CONTIG-033409	257	16	5	131	10
CONTIG-033410	272	19	83	135	0
CONTIG-033411	245	6	7	8	0
CONTIG-033412	139	15	2	71	0
CONTIG-033413	66	9	11	0	0
CONTIG-033414	187	9	6	98	0
CONTIG-033415	111	9	3	35	2
CONTIG-033416	132	25	31	70	0
CONTIG-033418	63	6	2	15	0
CONTIG-033423	104	17	27	26	0
CONTIG-033424	59	3	0	5	0
CONTIG-033425	112	6	6	21	0
CONTIG-033426	317	9	14	83	0
CONTIG-033427	109	20	15	90	0
CONTIG-033428	110	85	116	199	3
CONTIG-033429	258	11	10	94	0

CONTIG-033430	83	3	3	2	0
CONTIG-033431	185	6	18	29	0
CONTIG-033432	435	14	39	106	0
CONTIG-033439	112	33	6	0	0
CONTIG-033440	204	12	29	53	0
CONTIG-033441	447	15	17	156	0
CONTIG-033442	281	6	59	28	0
CONTIG-033444	96	8	7	18	0
CONTIG-033445	367	9	3	52	2
CONTIG-033446	166	11	4	46	0
CONTIG-033447	108	10	13	31	0
CONTIG-033448	386	16	42	199	0
CONTIG-033449	145	10	12	33	0
CONTIG-033450	73	3	2	6	0
CONTIG-033451	264	7	13	66	0
CONTIG-033452	252	14	12	157	0
CONTIG-033453	71	2	2	4	0
CONTIG-033454	194	9	7	49	0
CONTIG-033455	307	8	38	51	0
CONTIG-033457	559	16	23	352	2
CONTIG-033460	61	8	16	2	0
CONTIG-033461	91	11	10	15	0
CONTIG-033462	176	8	6	57	0
CONTIG-033463	242	29	39	421	0
CONTIG-033464	94	15	41	55	0
CONTIG-033465	173	13	5	74	0
CONTIG-033466	165	33	45	151	4
CONTIG-033467	42	20	0	0	0
CONTIG-033469	65	14	33	13	2
CONTIG-033470	310	10	23	62	0
CONTIG-033471	59	3	6	4	0
CONTIG-033472	440	19	13	296	0
CONTIG-033477	406	30	43	598	0
CONTIG-033480	177	48	4	0	187
CONTIG-033481	71	6	4	11	0
CONTIG-033482	356	15	40	187	0
CONTIG-033483	72	11	23	0	0
CONTIG-033484	67	2	2	0	0
CONTIG-033485	1123	27	23	47	0
CONTIG-033486	398	16	47	173	0
CONTIG-033487	141	8	4	33	2
CONTIG-033488	82	7	26	2	0
CONTIG-033489	194	5	8	43	0
CONTIG-033490	161	11	11	69	2
CONTIG-033491	255	26	17	243	0
CONTIG-033492	248	7	33	8	2
CONTIG-033493	118	27	17	95	0

CONTIG-033496	140	9	0	38	0
CONTIG-033497	105	9	32	3	0
CONTIG-033500	112	4	0	7	0
CONTIG-033501	74	4	0	6	0
CONTIG-033502	83	5	3	4	0
CONTIG-033503	98	148	31	570	6
CONTIG-033504	164	7	13	38	0
CONTIG-033506	115	9	41	6	0
CONTIG-033507	399	12	3	155	4
CONTIG-033509	297	7	18	32	2
CONTIG-033510	58	6	12	3	0
CONTIG-033511	134	9	11	0	0
CONTIG-033512	225	22	8	83	2
CONTIG-033513	379	16	101	101	2
CONTIG-033514	411	19	23	296	3
CONTIG-033515	215	5	26	31	0
CONTIG-033516	110	14	27	43	0
CONTIG-033517	66	6	12	4	0
CONTIG-033518	224	14	11	49	0
CONTIG-033519	216	6	0	0	6
CONTIG-033520	88	5	5	17	0
CONTIG-033521	90	4	0	3	0
CONTIG-033522	273	10	0	93	0
CONTIG-033523	118	5	8	6	0
CONTIG-033524	88	8	11	27	0
CONTIG-033525	96	28	4	90	0
CONTIG-033526	415	9	6	199	0
CONTIG-033527	100	15	7	45	3
CONTIG-033528	202	13	18	38	0
CONTIG-033529	361	14	18	57	2
CONTIG-033530	114	4	0	0	0
CONTIG-033531	689	22	7	43	0
CONTIG-033532	62	4	4	4	0
CONTIG-033533	824	16	111	307	0
CONTIG-033534	109	11	2	47	0
CONTIG-033535	84	6	12	5	0
CONTIG-033536	98	4	2	2	0
CONTIG-033537	127	8	4	32	0
CONTIG-033538	85	15	19	49	0
CONTIG-033539	62	8	7	19	0
CONTIG-033540	103	5	0	8	0
CONTIG-033541	393	12	16	124	2
CONTIG-033542	61	3	3	0	0
CONTIG-033543	58	10	40	0	0
CONTIG-033544	81	3	5	3	0
CONTIG-033546	49	134	110	77	0
CONTIG-033547	385	11	47	130	2

CONTIG-033548	161	4	6	12	0
CONTIG-033549	115	5	6	27	0
CONTIG-033550	75	35	0	26	2
CONTIG-033551	124	7	11	6	0
CONTIG-033553	71	329	17	1306	5
CONTIG-033554	121	5	16	0	2
CONTIG-033555	828	16	76	352	0
CONTIG-033556	91	11	61	2	0
CONTIG-033557	74	17	52	0	0
CONTIG-033558	104	8	24	13	0
CONTIG-033559	107	15	49	28	0
CONTIG-033560	109	7	12	20	0
CONTIG-033561	74	6	11	8	0
CONTIG-033562	160	4	0	2	0
CONTIG-033563	262	8	9	43	0
CONTIG-033564	162	21	17	171	0
CONTIG-033565	111	5	6	15	0
CONTIG-033566	208	8	32	35	0
CONTIG-033567	375	13	24	110	2
CONTIG-033568	84	3	10	2	0
CONTIG-033569	268	11	41	125	0
CONTIG-033570	293	7	4	40	0
CONTIG-033571	231	23	41	163	0
CONTIG-033572	429	8	12	93	0
CONTIG-033573	235	10	16	51	0
CONTIG-033575	61	7	0	11	0
CONTIG-033576	321	5	9	48	0
CONTIG-033577	93	117	44	197	2
CONTIG-033578	62	6	5	2	0
CONTIG-033579	298	17	12	243	0
CONTIG-033580	253	12	21	65	0
CONTIG-033582	140	67	48	331	27
CONTIG-033583	86	18	6	49	0
CONTIG-033584	104	23	0	33	0
CONTIG-033585	343	9	46	27	8
CONTIG-033586	213	21	57	65	2
CONTIG-033587	206	311	36	1140	592
CONTIG-033588	258	10	19	87	0
CONTIG-033589	227	12	10	107	2
CONTIG-033591	120	10	11	33	0
CONTIG-033592	72	2	6	0	0
CONTIG-033593	818	14	41	495	0
CONTIG-033594	91	12	6	22	0
CONTIG-033595	85	11	12	36	0
CONTIG-033596	475	12	19	168	0
CONTIG-033597	63	16	9	39	0
CONTIG-033598	293	8	25	98	0

CONTIG-033599	348	18	78	120	0
CONTIG-033600	171	9	8	60	0
CONTIG-033601	81	20	9	3	0
CONTIG-033602	318	14	32	110	0
CONTIG-033603	92	128	90	406	0
CONTIG-033604	177	31	36	197	0
CONTIG-033605	59	8	12	8	0
CONTIG-033606	193	6	18	13	0
CONTIG-033607	152	6	0	20	0
CONTIG-033608	227	22	47	141	2
CONTIG-033609	453	15	62	95	6
CONTIG-033611	239	17	67	179	0
CONTIG-033612	485	21	9	515	0
CONTIG-033613	121	14	38	44	0
CONTIG-033614	298	11	15	98	0
CONTIG-033616	132	6	14	27	0
CONTIG-033617	265	12	70	107	0
CONTIG-033618	167	16	10	53	0
CONTIG-033619	219	4	6	24	0
CONTIG-033620	80	28	13	26	0
CONTIG-033621	140	6	5	35	0
CONTIG-033628	65	29	25	0	0
CONTIG-033629	577	14	49	143	0
CONTIG-033631	352	16	21	125	4
CONTIG-033632	241	8	11	49	0
CONTIG-033633	64	7	20	9	0
CONTIG-033641	105	8	23	5	0
CONTIG-033642	361	15	12	299	0
CONTIG-033643	192	6	4	35	0
CONTIG-033644	87	6	2	19	0
CONTIG-033645	259	8	0	86	0
CONTIG-033646	260	12	44	132	0
CONTIG-033648	538	17	63	163	7
CONTIG-033649	176	5	2	38	0
CONTIG-033651	293	16	39	154	2
CONTIG-033652	1166	19	37	1112	13
CONTIG-033655	126	14	4	79	0
CONTIG-033656	75	12	75	3	0
CONTIG-033663	325	15	43	144	3
CONTIG-033665	99	4	2	7	0
CONTIG-033666	153	9	19	39	0
CONTIG-033667	628	19	43	194	15
CONTIG-033670	235	7	4	8	0
CONTIG-033671	75	6	18	6	0
CONTIG-033672	126	8	9	24	0
CONTIG-033673	572	19	36	624	0
CONTIG-033674	184	10	0	65	0

CONTIG-033675	158	5	0	20	0
CONTIG-033676	68	12	14	17	0
CONTIG-033677	120	9	8	12	0
CONTIG-033678	135	14	22	60	0
CONTIG-033684	60	5	2	2	0
CONTIG-033686	237	17	108	83	0
CONTIG-033687	234	25	77	152	4
CONTIG-033688	118	4	15	10	0
CONTIG-033689	87	9	3	33	0
CONTIG-033690	327	10	17	68	0
CONTIG-033691	171	7	2	22	0
CONTIG-033692	91	6	10	7	0
CONTIG-033693	165	9	0	60	0
CONTIG-033694	209	90	101	683	15
CONTIG-033695	191	6	5	14	0
CONTIG-033696	113	7	2	12	0
CONTIG-033698	105	16	37	39	0
CONTIG-033699	67	8	7	29	0
CONTIG-033700	214	13	23	39	2
CONTIG-033701	306	11	7	105	0
CONTIG-033702	516	13	14	259	6
CONTIG-033703	110	12	3	47	0
CONTIG-033704	56	17	6	32	0
CONTIG-033706	158	4	4	8	0
CONTIG-033707	67	6	11	11	0
CONTIG-033710	67	10	13	8	0
CONTIG-033711	341	38	48	525	4
CONTIG-033712	207	9	39	16	0
CONTIG-033713	111	19	6	47	0
CONTIG-033714	242	6	14	29	0
CONTIG-033715	99	6	5	11	0
CONTIG-033716	254	42	33	149	35
CONTIG-033717	85	4	0	6	0
CONTIG-033719	63	4	12	0	0
CONTIG-033720	623	23	147	384	12
CONTIG-033721	179	10	34	38	0
CONTIG-033722	60	155	14	341	2
CONTIG-033723	83	6	2	6	0
CONTIG-033724	127	10	4	35	0
CONTIG-033725	119	7	9	18	0
CONTIG-033726	101	5	0	4	0
CONTIG-033727	91	9	16	37	0
CONTIG-033729	496	15	32	177	0
CONTIG-033730	94	4	17	0	0
CONTIG-033731	350	15	67	162	0
CONTIG-033732	109	7	13	29	0
CONTIG-033733	115	7	38	9	0

CONTIG-033734	391	16	54	107	0
CONTIG-033735	143	13	58	46	0
CONTIG-033736	106	9	5	6	0
CONTIG-033737	134	6	40	0	0
CONTIG-033738	105	6	3	25	0
CONTIG-033742	2191	23	19	2593	0
CONTIG-033743	120	10	47	13	2
CONTIG-033744	162	10	17	34	2
CONTIG-033745	386	7	30	70	0
CONTIG-033746	90	10	20	36	0
CONTIG-033747	144	13	14	104	0
CONTIG-033748	87	5	2	17	0
CONTIG-033750	1065	13	39	443	2
CONTIG-033751	36	34	3	0	6
CONTIG-033752	207	10	12	74	0
CONTIG-033753	118	7	13	19	0
CONTIG-033754	127	251	25	1636	0
CONTIG-033755	343	9	54	77	0
CONTIG-033756	177	27	29	186	2
CONTIG-033757	88	16	6	49	0
CONTIG-033758	375	35	80	492	0
CONTIG-033759	103	4	5	11	0
CONTIG-033760	334	15	27	93	0
CONTIG-033761	881	15	108	458	0
CONTIG-033762	146	6	10	25	0
CONTIG-033763	170	8	2	55	0
CONTIG-033764	105	6	8	6	0
CONTIG-033765	101	15	11	68	0
CONTIG-033766	341	10	25	17	0
CONTIG-033767	270	9	18	48	0
CONTIG-033768	325	12	14	102	0
CONTIG-033769	101	8	13	12	0
CONTIG-033771	69	4	2	4	0
CONTIG-033772	67	4	2	6	0
CONTIG-033773	393	24	52	37	0
CONTIG-033774	661	65	161	1224	280
CONTIG-033776	154	13	37	19	2
CONTIG-033777	105	13	24	47	0
CONTIG-033778	557	21	154	483	2
CONTIG-033779	103	5	4	2	0
CONTIG-033784	297	14	19	28	0
CONTIG-033785	150	4	2	9	0
CONTIG-033787	478	35	65	338	27
CONTIG-033788	115	3	2	11	0
CONTIG-033789	71	7	0	20	0
CONTIG-033790	437	15	45	167	8
CONTIG-033791	201	27	40	51	4

CONTIG-033792	75	5	7	2	0
CONTIG-033793	133	6	3	24	0
CONTIG-033794	65	7	14	0	0
CONTIG-033795	89	5	6	15	0
CONTIG-033796	217	14	27	37	0
CONTIG-033797	180	5	2	18	0
CONTIG-033798	313	7	5	69	0
CONTIG-033799	454	12	39	261	0
CONTIG-033800	74	9	4	19	0
CONTIG-033801	112	10	18	27	0
CONTIG-033802	342	9	8	53	6
CONTIG-033803	273	20	131	155	0
CONTIG-033804	234	15	29	113	0
CONTIG-033805	218	13	8	133	0
CONTIG-033806	550	16	29	236	3
CONTIG-033807	534	16	20	202	0
CONTIG-033808	400	12	25	179	0
CONTIG-033810	59	7	0	20	0
CONTIG-033811	350	9	71	77	0
CONTIG-033814	227	21	82	165	0
CONTIG-033815	615	23	25	225	0
CONTIG-033816	67	9	7	7	0
CONTIG-033817	82	50	20	83	0
CONTIG-033818	182	4	14	7	2
CONTIG-033819	269	18	21	192	0
CONTIG-033821	176	7	7	33	0
CONTIG-033822	501	55	78	838	2
CONTIG-033823	138	21	16	54	0
CONTIG-033824	286	13	32	103	0
CONTIG-033825	481	13	64	53	0
CONTIG-033826	66	3	0	3	0
CONTIG-033827	141	7	2	9	0
CONTIG-033828	65	6	4	8	0
CONTIG-033830	72	18	8	48	2
CONTIG-033832	394	57	59	734	2
CONTIG-033833	206	5	4	19	0
CONTIG-033834	194	15	32	18	2
CONTIG-033835	133	9	96	2	0
CONTIG-033836	75	11	4	33	0
CONTIG-033840	121	4	5	5	0
CONTIG-033841	87	14	4	20	0
CONTIG-033842	268	8	6	55	0
CONTIG-033843	237	22	95	109	0
CONTIG-033844	71	8	4	0	0
CONTIG-033846	83	3	3	0	0
CONTIG-033847	131	9	18	36	0
CONTIG-033848	110	21	0	0	0

CONTIG-033850	169	13	20	50	0
CONTIG-033851	91	7	18	19	0
CONTIG-033852	194	6	9	33	0
CONTIG-033853	183	8	4	51	2
CONTIG-033855	277	15	17	155	0
CONTIG-033859	98	20	77	2	0
CONTIG-033860	754	16	81	228	9
CONTIG-033861	143	17	62	33	0
CONTIG-033862	267	25	29	290	2
CONTIG-033863	74	3	3	2	0
CONTIG-033864	218	164	271	1686	16
CONTIG-033865	173	5	4	24	0
CONTIG-033866	132	6	2	21	0
CONTIG-033867	69	8	3	2	0
CONTIG-033868	126	12	26	37	0
CONTIG-033869	165	8	11	32	0
CONTIG-033870	71	6	15	0	0
CONTIG-033876	84	11	19	35	0
CONTIG-033877	142	8	12	13	0
CONTIG-033878	78	5	0	11	0
CONTIG-033879	69	5	0	7	0
CONTIG-033880	1261	29	0	0	427
CONTIG-033881	138	6	3	27	0
CONTIG-033882	89	5	11	6	0
CONTIG-033883	262	6	12	26	0
CONTIG-033884	97	3	8	5	0
CONTIG-033885	406	9	41	82	0
CONTIG-033887	80	4	6	6	0
CONTIG-033888	522	12	41	234	0
CONTIG-033889	45	9	8	4	0
CONTIG-033890	67	18	13	47	2
CONTIG-033891	131	7	34	10	2
CONTIG-033892	148	10	98	17	0
CONTIG-033894	273	10	6	88	0
CONTIG-033895	123	13	4	35	0
CONTIG-033896	121	4	7	8	0
CONTIG-033898	120	11	13	47	0
CONTIG-033899	489	11	80	170	7
CONTIG-033900	67	5	0	2	0
CONTIG-033901	216	18	27	42	0
CONTIG-033902	536	18	43	362	4
CONTIG-033903	535	15	47	204	2
CONTIG-033904	103	7	15	20	0
CONTIG-033905	182	9	44	14	3
CONTIG-033906	61	10	16	3	0
CONTIG-033907	1257	204	67	195	0
CONTIG-033908	233	6	5	54	0

CONTIG-033909	282	12	32	136	0
CONTIG-033910	87	13	8	2	0
CONTIG-033911	251	6	6	38	0
CONTIG-033912	225	5	8	7	0
CONTIG-033913	273	21	61	242	0
CONTIG-033914	154	14	27	74	0
CONTIG-033915	312	7	0	14	0
CONTIG-033916	217	27	49	105	2
CONTIG-033917	82	3	0	5	0
CONTIG-033918	216	12	14	82	5
CONTIG-033919	110	6	3	24	0
CONTIG-033920	464	7	11	98	0
CONTIG-033921	90	12	0	20	0
CONTIG-033922	103	17	24	23	2
CONTIG-033925	110	8	12	21	0
CONTIG-033928	236	9	13	4	0
CONTIG-033929	400	18	96	276	0
CONTIG-033930	78	4	8	5	0
CONTIG-033931	185	13	15	81	0
CONTIG-033932	146	6	20	26	0
CONTIG-033933	228	7	9	14	0
CONTIG-033935	175	10	65	31	0
CONTIG-033936	133	11	7	59	0
CONTIG-033937	176	12	3	57	2
CONTIG-033938	340	7	53	4	31
CONTIG-033941	248	26	62	162	2
CONTIG-033942	113	5	5	4	0
CONTIG-033946	203	5	12	10	0
CONTIG-033948	358	8	16	112	0
CONTIG-033949	162	11	19	27	0
CONTIG-033952	77	8	0	24	0
CONTIG-033953	960	27	142	710	13
CONTIG-033954	105	12	20	64	0
CONTIG-033955	140	26	71	37	2
CONTIG-033956	74	87	17	244	0
CONTIG-033957	275	38	78	253	23
CONTIG-033958	328	5	24	42	0
CONTIG-033964	91	26	58	53	0
CONTIG-033967	105	6	6	16	0
CONTIG-033968	381	14	9	143	0
CONTIG-033969	147	14	19	70	0
CONTIG-033970	82	503	37	15	0
CONTIG-033971	269	18	41	213	0
CONTIG-033972	187	10	26	56	0
CONTIG-033973	74	7	14	7	0
CONTIG-033974	101	6	0	6	2
CONTIG-033975	58	23	13	37	0

CONTIG-033976	188	14	8	63	0
CONTIG-033977	158	11	15	15	0
CONTIG-033978	105	6	6	10	0
CONTIG-033981	431	12	42	128	2
CONTIG-033984	787	16	34	460	15
CONTIG-033985	192	9	18	54	0
CONTIG-033986	618	13	104	247	2
CONTIG-033987	226	5	9	8	0
CONTIG-033988	133	58	27	213	0
CONTIG-033989	404	17	34	181	6
CONTIG-033991	150	7	8	11	0
CONTIG-033992	177	3	0	2	0
CONTIG-033993	494	19	40	264	9
CONTIG-033994	59	4	2	4	0
CONTIG-033995	144	8	11	33	0
CONTIG-033996	392	40	97	516	2
CONTIG-033997	240	32	122	302	0
CONTIG-033998	364	9	6	114	4
CONTIG-033999	277	9	28	53	0
CONTIG-034000	268	16	41	26	0
CONTIG-034005	171	7	26	25	0
CONTIG-034006	207	17	222	28	0
CONTIG-034007	616	35	2	0	283
CONTIG-034008	108	23	20	71	0
CONTIG-034009	173	13	10	49	5
CONTIG-034010	155	27	7	161	3
CONTIG-034011	336	21	67	90	6
CONTIG-034012	106	8	2	27	0
CONTIG-034013	186	10	18	56	0
CONTIG-034014	166	19	11	86	0
CONTIG-034015	126	34	13	129	2
CONTIG-034016	446	17	20	354	0
CONTIG-034017	437	18	12	9	0
CONTIG-034018	370	11	47	212	0
CONTIG-034019	78	10	2	11	0
CONTIG-034020	142	16	41	93	0
CONTIG-034021	529	27	15	77	0
CONTIG-034022	292	11	55	43	0
CONTIG-034023	163	9	8	45	0
CONTIG-034024	110	8	0	4	0
CONTIG-034025	75	7	13	0	0
CONTIG-034026	248	23	19	17	0
CONTIG-034027	256	20	26	143	2
CONTIG-034028	88	160	30	380	0
CONTIG-034029	669	29	28	769	5
CONTIG-034030	81	8	50	0	0
CONTIG-034031	114	10	5	27	0

CONTIG-034033	219	7	19	22	0
CONTIG-034034	259	12	13	122	0
CONTIG-034035	261	31	105	112	2
CONTIG-034036	462	10	22	129	4
CONTIG-034037	140	643	2	0	154
CONTIG-034038	69	8	20	14	0
CONTIG-034041	335	13	20	221	0
CONTIG-034042	311	18	123	115	0
CONTIG-034043	99	4	13	4	0
CONTIG-034044	244	12	54	79	4
CONTIG-034045	119	8	7	36	0
CONTIG-034046	118	5	2	17	0
CONTIG-034048	198	24	18	83	0
CONTIG-034049	65	8	11	13	0
CONTIG-034050	108	8	3	32	2
CONTIG-034051	180	18	8	110	0
CONTIG-034054	99	14	5	47	4
CONTIG-034055	67	5	5	10	2
CONTIG-034056	98	8	4	0	0
CONTIG-034057	350	16	69	230	0
CONTIG-034059	106	7	4	19	0
CONTIG-034060	124	55	10	109	0
CONTIG-034061	184	4	0	20	0
CONTIG-034062	308	39	6	0	138
CONTIG-034063	256	7	43	47	0
CONTIG-034064	131	9	7	0	0
CONTIG-034065	174	5	5	28	0
CONTIG-034066	67	6	3	0	0
CONTIG-034067	618	17	0	0	100
CONTIG-034068	319	12	8	140	0
CONTIG-034069	135	37	18	194	0
CONTIG-034070	203	5	0	9	0
CONTIG-034071	87	17	11	21	0
CONTIG-034072	406	26	98	310	4
CONTIG-034073	176	10	14	22	0
CONTIG-034075	59	7	5	2	0
CONTIG-034076	78	9	2	26	0
CONTIG-034083	481	13	32	173	2
CONTIG-034084	232	15	29	54	0
CONTIG-034088	91	15	4	52	0
CONTIG-034089	354	9	49	146	0
CONTIG-034090	390	14	8	226	0
CONTIG-034091	137	11	5	13	0
CONTIG-034092	87	7	11	10	0
CONTIG-034093	227	17	23	93	2
CONTIG-034097	381	48	35	1070	2
CONTIG-034099	110	3	9	8	0

CONTIG-034100	382	9	34	95	0
CONTIG-034101	245	9	10	104	0
CONTIG-034102	320	8	49	64	0
CONTIG-034103	60	6	8	13	0
CONTIG-034104	662	16	49	495	0
CONTIG-034105	165	4	6	18	2
CONTIG-034106	182	7	14	18	0
CONTIG-034107	114	9	9	17	0
CONTIG-034108	153	42	19	283	0
CONTIG-034111	61	5	3	6	0
CONTIG-034112	122	3	2	7	0
CONTIG-034113	89	2	6	2	0
CONTIG-034114	107	12	53	11	0
CONTIG-034115	312	31	122	246	8
CONTIG-034116	677	13	25	257	0
CONTIG-034117	84	7	5	7	0
CONTIG-034118	172	9	32	33	0
CONTIG-034119	63	5	7	4	0
CONTIG-034120	257	13	42	66	2
CONTIG-034121	464	12	20	48	12
CONTIG-034122	125	7	17	2	0
CONTIG-034123	74	8	7	17	0
CONTIG-034124	163	6	12	17	0
CONTIG-034125	64	4	3	6	0
CONTIG-034128	411	17	86	191	0
CONTIG-034129	64	8	10	0	0
CONTIG-034132	87	7	5	14	0
CONTIG-034133	69	8	2	18	0
CONTIG-034134	229	13	48	58	0
CONTIG-034137	112	13	12	49	0
CONTIG-034139	296	8	34	62	0
CONTIG-034140	115	8	9	10	0
CONTIG-034141	42	109	19	101	0
CONTIG-034142	160	13	62	47	0
CONTIG-034143	75	5	0	12	0
CONTIG-034144	104	14	4	79	0
CONTIG-034145	130	5	0	21	0
CONTIG-034146	198	12	37	66	0
CONTIG-034149	86	4	10	0	0
CONTIG-034150	84	2	4	2	0
CONTIG-034151	224	7	13	16	0
CONTIG-034152	58	2	0	0	0
CONTIG-034153	241	17	33	166	0
CONTIG-034154	189	9	3	50	0
CONTIG-034155	134	8	57	8	0
CONTIG-034156	301	10	27	113	0
CONTIG-034157	487	26	24	555	0

CONTIG-034159	173	9	6	33	0
CONTIG-034160	63	7	19	11	0
CONTIG-034161	107	5	3	15	0
CONTIG-034162	141	7	9	31	0
CONTIG-034163	280	9	13	74	0
CONTIG-034164	683	16	20	304	8
CONTIG-034166	290	10	9	121	0
CONTIG-034167	389	17	26	176	2
CONTIG-034170	106	5	8	12	0
CONTIG-034171	124	6	13	19	0
CONTIG-034172	314	15	47	96	0
CONTIG-034173	472	14	57	240	0
CONTIG-034174	91	16	39	32	0
CONTIG-034175	164	9	48	20	0
CONTIG-034176	285	11	13	72	4
CONTIG-034177	107	6	2	7	3
CONTIG-034178	496	8	40	136	0
CONTIG-034179	60	8	23	13	0
CONTIG-034180	59	5	3	13	0
CONTIG-034181	131	27	51	90	2
CONTIG-034182	325	6	8	18	0
CONTIG-034183	67	5	0	11	0
CONTIG-034185	407	31	46	376	23
CONTIG-034187	281	8	12	34	0
CONTIG-034188	99	6	18	20	0
CONTIG-034189	652	9	22	124	2
CONTIG-034192	302	7	11	28	2
CONTIG-034193	108	7	9	23	0
CONTIG-034194	91	175	33	524	2
CONTIG-034195	136	4	7	8	0
CONTIG-034197	82	9	0	19	0
CONTIG-034198	214	21	81	128	0
CONTIG-034199	65	9	8	22	0
CONTIG-034200	234	7	20	27	0
CONTIG-034201	86	10	7	32	0
CONTIG-034202	352	28	93	304	2
CONTIG-034203	125	5	6	18	0
CONTIG-034204	337	23	26	287	2
CONTIG-034205	528	9	14	166	5
CONTIG-034207	209	6	10	6	0
CONTIG-034208	437	12	34	166	0
CONTIG-034209	76	7	0	9	0
CONTIG-034210	148	28	4	97	2
CONTIG-034211	87	5	4	0	0
CONTIG-034212	235	26	149	207	0
CONTIG-034213	447	13	44	163	2
CONTIG-034214	83	8	12	24	0

CONTIG-034215	105	10	10	6	0
CONTIG-034216	714	17	23	288	4
CONTIG-034217	74	8	0	22	0
CONTIG-034218	91	4	8	4	0
CONTIG-034219	510	15	40	276	4
CONTIG-034220	202	7	2	25	0
CONTIG-034221	95	72	89	315	2
CONTIG-034224	68	25	8	41	0
CONTIG-034225	339	13	49	203	0
CONTIG-034226	223	13	64	44	0
CONTIG-034227	65	4	6	2	0
CONTIG-034228	89	11	7	39	0
CONTIG-034229	239	14	9	175	0
CONTIG-034230	346	17	19	338	0
CONTIG-034231	343	13	42	146	2
CONTIG-034232	225	15	22	97	0
CONTIG-034233	83	9	19	16	0
CONTIG-034234	73	14	9	28	0
CONTIG-034235	78	6	0	8	0
CONTIG-034236	41	106	25	23	0
CONTIG-034237	349	26	83	138	11
CONTIG-034238	78	18	12	51	0
CONTIG-034239	105	7	17	8	0
CONTIG-034240	138	54	73	203	0
CONTIG-034241	127	42	15	247	0
CONTIG-034242	60	18	5	52	0
CONTIG-034243	141	6	7	18	0
CONTIG-034244	261	11	43	59	0
CONTIG-034245	131	22	103	15	2
CONTIG-034246	58	24	11	4	0
CONTIG-034247	102	11	31	7	0
CONTIG-034248	104	8	5	3	0
CONTIG-034251	253	10	46	75	0
CONTIG-034252	268	26	164	143	0
CONTIG-034253	152	8	19	15	0
CONTIG-034254	237	9	6	38	10
CONTIG-034255	177	15	36	87	0
CONTIG-034256	136	10	2	40	0
CONTIG-034257	215	10	25	65	0
CONTIG-034258	159	9	10	26	0
CONTIG-034259	337	21	81	132	4
CONTIG-034260	209	14	14	73	3
CONTIG-034261	434	16	74	56	2
CONTIG-034262	143	18	46	58	0
CONTIG-034266	45	302	80	498	2
CONTIG-034267	99	7	3	28	0
CONTIG-034268	328	10	20	80	2

CONTIG-034269	70	4	9	0	0
CONTIG-034270	60	7	2	2	0
CONTIG-034271	175	19	5	188	0
CONTIG-034273	285	37	21	168	9
CONTIG-034274	137	58	14	488	2
CONTIG-034275	129	16	78	70	0
CONTIG-034276	117	4	5	7	0
CONTIG-034277	103	17	80	30	0
CONTIG-034279	499	29	56	290	23
CONTIG-034280	169	6	0	28	0
CONTIG-034281	240	6	10	44	2
CONTIG-034282	154	21	25	163	0
CONTIG-034283	731	14	17	354	2
CONTIG-034284	163	11	14	92	0
CONTIG-034285	89	12	26	37	0
CONTIG-034286	52	235	127	233	4
CONTIG-034287	784	14	66	289	4
CONTIG-034288	67	20	18	3	0
CONTIG-034289	93	2	4	2	0
CONTIG-034290	58	9	9	6	0
CONTIG-034291	228	9	8	45	0
CONTIG-034292	313	31	50	212	4
CONTIG-034293	133	7	6	22	0
CONTIG-034294	429	7	8	80	0
CONTIG-034296	76	7	27	7	0
CONTIG-034297	88	11	0	54	0
CONTIG-034298	151	7	5	18	0
CONTIG-034299	60	2	0	2	0
CONTIG-034300	290	21	93	72	4
CONTIG-034301	188	17	16	131	0
CONTIG-034302	324	31	84	309	0
CONTIG-034303	93	9	14	19	2
CONTIG-034305	434	15	22	183	0
CONTIG-034306	50	31	33	33	0
CONTIG-034307	240	20	57	217	0
CONTIG-034308	180	11	2	70	0
CONTIG-034309	143	12	22	47	0
CONTIG-034310	78	59	9	227	2
CONTIG-034311	146	11	46	60	0
CONTIG-034312	64	8	5	16	0
CONTIG-034313	157	15	12	70	0
CONTIG-034315	158	9	0	65	0
CONTIG-034316	59	4	5	0	0
CONTIG-034317	119	8	10	24	0
CONTIG-034318	185	13	5	87	0
CONTIG-034322	326	43	104	673	0
CONTIG-034324	162	4	6	14	0

CONTIG-034325	419	15	56	242	0
CONTIG-034326	160	7	10	34	0
CONTIG-034330	104	7	5	19	0
CONTIG-034332	162	7	6	21	0
CONTIG-034333	70	6	0	0	0
CONTIG-034337	167	11	44	66	0
CONTIG-034338	305	8	10	33	0
CONTIG-034339	64	3	2	0	0
CONTIG-034340	580	12	17	275	2
CONTIG-034341	456	10	35	134	0
CONTIG-034346	313	20	35	179	4
CONTIG-034347	91	7	18	6	0
CONTIG-034348	271	6	16	35	0
CONTIG-034349	285	7	13	42	0
CONTIG-034350	173	13	4	96	0
CONTIG-034351	248	11	48	76	0
CONTIG-034352	60	10	27	14	0
CONTIG-034353	506	22	62	279	10
CONTIG-034354	106	5	2	16	0
CONTIG-034356	320	5	12	38	0
CONTIG-034357	221	35	47	14	0
CONTIG-034358	153	6	24	22	0
CONTIG-034359	90	4	2	10	0
CONTIG-034360	57	461	85	1006	15
CONTIG-034361	253	15	70	90	0
CONTIG-034362	151	7	5	0	0
CONTIG-034363	81	8	4	20	2
CONTIG-034364	401	8	13	92	2
CONTIG-034365	118	6	17	15	0
CONTIG-034366	83	4	3	7	0
CONTIG-034368	87	4	7	9	0
CONTIG-034369	253	12	7	83	2
CONTIG-034370	227	59	22	749	0
CONTIG-034371	561	17	61	430	2
CONTIG-034372	281	12	61	147	0
CONTIG-034373	274	8	0	89	0
CONTIG-034374	110	20	22	60	0
CONTIG-034375	120	9	5	27	0
CONTIG-034376	96	7	21	15	0
CONTIG-034377	490	7	12	103	0
CONTIG-034378	598	19	30	141	25
CONTIG-034379	310	21	13	376	0
CONTIG-034380	134	7	12	31	0
CONTIG-034381	198	95	21	939	2
CONTIG-034382	261	10	24	75	0
CONTIG-034383	161	13	16	34	2
CONTIG-034384	305	12	17	142	0

CONTIG-034385	68	6	16	2	0
CONTIG-034387	72	116	16	108	0
CONTIG-034388	361	10	44	73	0
CONTIG-034390	181	4	6	8	2
CONTIG-034391	404	9	24	95	0
CONTIG-034392	62	3	9	0	0
CONTIG-034393	101	7	3	19	0
CONTIG-034394	67	7	6	11	0
CONTIG-034395	735	17	70	469	0
CONTIG-034397	114	14	14	64	0
CONTIG-034398	150	8	37	24	0
CONTIG-034399	187	9	12	28	0
CONTIG-034401	86	148	66	409	2
CONTIG-034402	301	10	37	116	0
CONTIG-034403	61	3	6	0	0
CONTIG-034404	119	43	2	82	22
CONTIG-034405	1226	29	99	1235	57
CONTIG-034406	62	6	6	0	0
CONTIG-034407	109	224	34	1215	6
CONTIG-034408	121	7	39	16	0
CONTIG-034409	76	4	4	3	0
CONTIG-034410	95	8	30	5	0
CONTIG-034411	185	21	34	99	0
CONTIG-034412	162	6	6	35	0
CONTIG-034414	202	6	0	44	0
CONTIG-034415	83	7	17	4	0
CONTIG-034416	172	8	6	4	0
CONTIG-034418	138	6	8	17	0
CONTIG-034419	156	3	6	9	0
CONTIG-034420	72	7	3	6	0
CONTIG-034421	580	9	12	170	2
CONTIG-034422	136	5	11	4	0
CONTIG-034423	64	5	22	0	0
CONTIG-034425	58	6	29	0	0
CONTIG-034426	119	8	25	38	0
CONTIG-034427	558	17	25	353	2
CONTIG-034428	860	15	89	297	7
CONTIG-034429	606	12	9	159	14
CONTIG-034430	182	8	17	61	0
CONTIG-034431	309	37	92	393	3
CONTIG-034432	306	15	40	108	0
CONTIG-034433	290	6	5	47	0
CONTIG-034434	142	8	11	22	0
CONTIG-034435	251	13	15	115	0
CONTIG-034436	125	12	65	20	0
CONTIG-034438	437	24	46	154	2
CONTIG-034439	544	11	45	43	0

CONTIG-034440	281	10	35	100	0
CONTIG-034441	237	10	24	79	0
CONTIG-034442	116	5	11	0	2
CONTIG-034450	77	3	2	0	0
CONTIG-034451	168	4	9	15	0
CONTIG-034452	85	20	35	32	0
CONTIG-034454	1510	33	139	2597	0
CONTIG-034455	253	5	2	50	0
CONTIG-034456	129	4	0	7	0
CONTIG-034457	390	15	21	134	0
CONTIG-034458	75	5	2	13	0
CONTIG-034459	283	20	64	100	0
CONTIG-034461	126	12	26	65	0
CONTIG-034462	43	703	39	23	0
CONTIG-034463	42	75	0	72	0
CONTIG-034464	179	7	25	36	0
CONTIG-034465	196	6	17	35	0
CONTIG-034466	98	12	3	4	0
CONTIG-034467	107	5	2	16	0
CONTIG-034469	183	35	103	262	2
CONTIG-034470	76	8	31	5	0
CONTIG-034471	272	25	73	294	2
CONTIG-034472	233	13	44	20	2
CONTIG-034473	296	18	85	113	2
CONTIG-034474	272	11	0	0	6
CONTIG-034475	108	6	5	17	0
CONTIG-034476	64	9	6	10	0
CONTIG-034477	192	5	2	23	0
CONTIG-034478	772	12	21	363	2
CONTIG-034479	994	19	44	662	11
CONTIG-034480	77	7	5	2	0
CONTIG-034481	252	101	60	1037	0
CONTIG-034482	150	8	9	22	0
CONTIG-034483	72	7	6	10	0
CONTIG-034484	59	36	0	96	0
CONTIG-034485	120	8	16	38	0
CONTIG-034486	107	24	59	2	0
CONTIG-034487	73	4	0	5	0
CONTIG-034488	64	4	6	2	0
CONTIG-034489	174	6	25	26	0
CONTIG-034492	563	19	48	604	0
CONTIG-034493	129	8	48	17	0
CONTIG-034494	223	14	39	124	0
CONTIG-034495	155	107	23	902	0
CONTIG-034496	114	15	4	38	2
CONTIG-034497	787	14	204	170	4
CONTIG-034498	120	16	0	46	2

CONTIG-034499	149	9	8	54	2
CONTIG-034500	125	5	7	14	0
CONTIG-034501	58	6	4	5	0
CONTIG-034502	107	8	18	23	0
CONTIG-034506	122	4	8	8	0
CONTIG-034507	935	16	39	653	0
CONTIG-034508	87	11	16	12	2
CONTIG-034509	61	6	11	3	0
CONTIG-034510	280	17	5	0	81
CONTIG-034511	319	22	9	73	0
CONTIG-034512	628	29	85	801	4
CONTIG-034513	304	27	19	266	0
CONTIG-034514	226	115	27	899	52
CONTIG-034515	225	11	47	82	0
CONTIG-034516	255	11	65	103	0
CONTIG-034517	66	26	2	0	0
CONTIG-034518	272	13	26	141	0
CONTIG-034519	166	5	8	24	0
CONTIG-034520	134	4	23	6	0
CONTIG-034521	102	13	84	22	0
CONTIG-034522	98	18	21	89	0
CONTIG-034523	197	12	69	42	0
CONTIG-034524	60	4	0	7	0
CONTIG-034525	179	11	17	65	0
CONTIG-034526	168	57	24	602	0
CONTIG-034527	115	16	30	68	0
CONTIG-034528	59	5	0	14	0
CONTIG-034529	390	14	32	137	4
CONTIG-034530	501	18	58	251	6
CONTIG-034531	563	12	83	222	2
CONTIG-034532	77	21	12	0	5
CONTIG-034533	142	9	10	42	0
CONTIG-034534	629	13	23	290	4
CONTIG-034535	219	15	16	87	4
CONTIG-034536	361	21	0	411	0
CONTIG-034537	229	8	11	57	0
CONTIG-034538	275	16	17	155	2
CONTIG-034539	143	5	4	11	0
CONTIG-034540	67	9	5	14	0
CONTIG-034541	432	115	2	3	479
CONTIG-034542	916	74	28	64	0
CONTIG-034543	209	5	21	12	0
CONTIG-034544	88	3	6	2	0
CONTIG-034545	166	13	36	44	0
CONTIG-034546	66	6	6	12	0
CONTIG-034547	99	601	57	3884	0
CONTIG-034548	74	11	6	27	0

CONTIG-034549	84	6	4	9	0
CONTIG-034550	159	12	0	101	0
CONTIG-034552	414	13	52	141	0
CONTIG-034553	168	10	13	68	0
CONTIG-034555	67	407	4	1250	0
CONTIG-034556	166	8	4	26	0
CONTIG-034557	285	54	34	24	0
CONTIG-034558	181	8	36	33	2
CONTIG-034560	204	11	10	92	0
CONTIG-034561	106	7	27	18	0
CONTIG-034562	256	11	33	47	0
CONTIG-034563	134	61	15	39	0
CONTIG-034564	60	18	25	10	0
CONTIG-034565	237	15	52	50	6
CONTIG-034566	88	14	25	26	2
CONTIG-034567	341	16	13	57	0
CONTIG-034568	260	9	53	40	0
CONTIG-034576	222	5	11	18	0
CONTIG-034577	653	19	63	299	8
CONTIG-034578	1324	18	103	988	0
CONTIG-034579	306	22	49	53	0
CONTIG-034580	338	50	42	770	0
CONTIG-034581	136	5	2	20	0
CONTIG-034582	169	20	19	125	0
CONTIG-034583	106	6	8	18	0
CONTIG-034584	304	13	12	170	0
CONTIG-034585	75	7	12	8	0
CONTIG-034586	79	3579	121	277	0
CONTIG-034587	1101	21	136	986	2
CONTIG-034588	240	7	14	55	0
CONTIG-034589	128	6	4	20	0
CONTIG-034590	154	18	6	61	0
CONTIG-034591	82	6	41	0	0
CONTIG-034592	101	8	0	34	0
CONTIG-034593	111	8	17	14	0
CONTIG-034594	133	14	6	84	0
CONTIG-034595	62	4	3	11	0
CONTIG-034597	226	11	11	59	2
CONTIG-034598	418	20	71	290	2
CONTIG-034599	484	11	144	136	0
CONTIG-034600	1053	19	76	538	0
CONTIG-034601	137	4	5	15	0
CONTIG-034602	120	3	3	2	0
CONTIG-034603	175	7	12	35	0
CONTIG-034604	286	19	34	146	0
CONTIG-034605	64	12	0	27	0
CONTIG-034607	81	11	7	26	0

CONTIG-034608	67	6	4	10	0
CONTIG-034609	77	2	2	5	0
CONTIG-034614	370	16	11	230	0
CONTIG-034615	70	6	4	10	0
CONTIG-034617	250	15	83	98	6
CONTIG-034618	328	12	59	133	2
CONTIG-034619	72	3	0	6	2
CONTIG-034620	130	26	6	54	0
CONTIG-034621	247	8	51	46	0
CONTIG-034622	206	11	13	68	0
CONTIG-034623	126	9	16	43	0
CONTIG-034624	114	8	10	27	2
CONTIG-034626	128	52	0	0	73
CONTIG-034627	182	7	20	39	0
CONTIG-034628	269	12	11	114	0
CONTIG-034629	158	10	3	0	0
CONTIG-034630	1004	15	37	815	0
CONTIG-034631	173	17	8	73	0
CONTIG-034632	58	9	14	8	0
CONTIG-034633	98	17	58	13	0
CONTIG-034634	74	14	0	20	0
CONTIG-034635	91	6	4	17	0
CONTIG-034636	416	55	141	1208	6
CONTIG-034637	78	44	13	6	0
CONTIG-034640	125	7	5	29	0
CONTIG-034641	221	6	15	47	0
CONTIG-034642	150	7	15	30	0
CONTIG-034643	99	8	5	33	0
CONTIG-034644	164	4	6	12	0
CONTIG-034645	90	7	34	15	0
CONTIG-034646	110	5	10	5	0
CONTIG-034647	116	4	7	0	2
CONTIG-034648	62	19	67	17	0
CONTIG-034649	337	12	25	133	0
CONTIG-034650	109	24	37	92	0
CONTIG-034651	567	17	32	249	0
CONTIG-034652	151	8	11	0	0
CONTIG-034653	90	14	15	56	0
CONTIG-034654	99	9	2	32	0
CONTIG-034655	184	20	21	180	0
CONTIG-034657	65	7	20	4	0
CONTIG-034659	258	7	0	55	0
CONTIG-034660	92	7	2	22	0
CONTIG-034663	287	7	8	50	0
CONTIG-034664	122	68	29	473	0
CONTIG-034665	142	9	6	33	0
CONTIG-034666	71	7	26	0	0

CONTIG-034667	270	8	13	93	0
CONTIG-034668	484	16	33	84	0
CONTIG-034669	79	8	20	2	0
CONTIG-034670	165	15	13	110	0
CONTIG-034671	511	60	62	1785	2
CONTIG-034672	139	6	5	34	0
CONTIG-034673	67	8	19	0	0
CONTIG-034675	73	4	8	0	0
CONTIG-034677	384	8	101	30	4
CONTIG-034678	95	6	19	0	0
CONTIG-034679	116	4	4	9	0
CONTIG-034680	62	6	5	0	0
CONTIG-034681	99	6	2	15	0
CONTIG-034682	143	22	23	116	0
CONTIG-034683	219	6	11	33	0
CONTIG-034684	665	12	37	251	2
CONTIG-034685	219	13	13	127	0
CONTIG-034686	71	10	23	14	0
CONTIG-034687	91	6	9	10	0
CONTIG-034688	120	13	7	21	0
CONTIG-034689	676	17	53	346	2
CONTIG-034690	115	5	9	17	0
CONTIG-034691	71	7	0	20	0
CONTIG-034693	240	12	15	73	0
CONTIG-034694	177	18	22	104	0
CONTIG-034695	55	177	34	48	0
CONTIG-034696	212	400	24	11	0
CONTIG-034697	60	8	14	0	0
CONTIG-034698	69	5	5	10	0
CONTIG-034699	212	8	8	48	0
CONTIG-034700	535	17	86	235	12
CONTIG-034701	172	30	24	171	2
CONTIG-034702	81	11	23	21	0
CONTIG-034703	82	11	4	38	0
CONTIG-034704	408	18	51	112	6
CONTIG-034705	344	10	11	120	0
CONTIG-034706	172	13	32	41	2
CONTIG-034707	425	26	21	551	0
CONTIG-034708	249	9	39	79	0
CONTIG-034709	93	6	9	11	0
CONTIG-034710	216	11	9	51	0
CONTIG-034711	244	10	13	26	4
CONTIG-034712	73	13	24	5	0
CONTIG-034713	70	5	2	0	2
CONTIG-034714	87	5	2	8	0
CONTIG-034715	255	21	11	222	0
CONTIG-034716	68	2	7	0	0

CONTIG-034717	70	14	14	15	0
CONTIG-034718	732	20	49	61	0
CONTIG-034719	543	25	115	641	2
CONTIG-034721	222	14	12	65	10
CONTIG-034722	99	15	9	47	0
CONTIG-034723	70	19	10	28	0
CONTIG-034724	150	9	0	42	0
CONTIG-034725	644	23	142	527	11
CONTIG-034727	129	13	5	21	0
CONTIG-034728	343	11	0	176	4
CONTIG-034729	1113	24	73	1277	4
CONTIG-034730	67	29	50	5	0
CONTIG-034731	218	14	43	104	2
CONTIG-034732	104	16	4	72	0
CONTIG-034733	1600	30	163	1841	14
CONTIG-034734	576	20	38	381	0
CONTIG-034735	171	9	9	54	0
CONTIG-034737	539	11	21	124	0
CONTIG-034738	70	6	6	2	0
CONTIG-034744	292	10	40	77	0
CONTIG-034745	112	5	31	9	0
CONTIG-034747	330	14	25	178	2
CONTIG-034748	210	4	7	24	0
CONTIG-034749	716	12	0	290	2
CONTIG-034750	158	11	4	51	0
CONTIG-034751	351	29	195	236	13
CONTIG-034752	164	11	48	48	0
CONTIG-034753	124	10	14	47	0
CONTIG-034754	71	5	4	7	0
CONTIG-034755	245	6	11	37	0
CONTIG-034756	112	8	41	2	0
CONTIG-034757	369	21	38	391	0
CONTIG-034758	490	24	120	379	0
CONTIG-034759	68	5	6	11	0
CONTIG-034760	566	15	26	159	76
CONTIG-034761	69	8	4	6	0
CONTIG-034762	167	9	23	37	0
CONTIG-034763	99	10	12	22	0
CONTIG-034764	494	12	45	224	0
CONTIG-034765	102	17	31	22	2
CONTIG-034769	493	21	16	523	2
CONTIG-034770	144	9	36	18	0
CONTIG-034771	147	9	2	22	0
CONTIG-034772	86	7	12	12	0
CONTIG-034773	136	8	5	29	0
CONTIG-034774	89	12	11	2	0
CONTIG-034777	854	20	26	693	9

CONTIG-034778	95	5	4	10	0
CONTIG-034779	120	4	11	6	0
CONTIG-034780	229	8	32	53	0
CONTIG-034781	90	9	12	28	0
CONTIG-034782	93	44	4	92	0
CONTIG-034783	73	61	14	115	0
CONTIG-034785	320	13	11	162	0
CONTIG-034789	134	10	6	36	0
CONTIG-034790	1777	33	61	1387	65
CONTIG-034792	108	10	14	21	0
CONTIG-034793	170	7	5	33	0
CONTIG-034794	193	8	5	15	0
CONTIG-034795	227	10	13	76	0
CONTIG-034796	99	11	5	33	0
CONTIG-034797	138	11	5	52	0
CONTIG-034798	122	3	10	2	0
CONTIG-034799	845	14	60	399	7
CONTIG-034800	115	8	2	21	0
CONTIG-034801	318	12	33	29	2
CONTIG-034809	112	9	19	32	0
CONTIG-034810	136	11	5	28	0
CONTIG-034812	272	9	36	50	0
CONTIG-034813	120	9	8	19	0
CONTIG-034814	305	57	79	414	47
CONTIG-034815	236	9	16	80	0
CONTIG-034816	58	3	2	2	0
CONTIG-034819	292	6	8	42	0
CONTIG-034821	519	17	49	380	0
CONTIG-034822	199	7	12	43	0
CONTIG-034823	64	5	2	10	0
CONTIG-034824	116	12	3	72	0
CONTIG-034825	233	8	2	63	0
CONTIG-034826	139	6	12	27	0
CONTIG-034827	98	4	5	0	0
CONTIG-034828	127	5	5	19	0
CONTIG-034829	571	22	55	691	0
CONTIG-034830	763	21	47	405	15
CONTIG-034831	252	12	36	90	0
CONTIG-034833	93	140	54	505	0
CONTIG-034834	87	6	6	13	0
CONTIG-034835	309	11	7	80	0
CONTIG-034836	65	38	8	138	0
CONTIG-034837	118	5	6	12	0
CONTIG-034839	546	13	85	254	2
CONTIG-034840	93	334	146	432	44
CONTIG-034841	451	15	93	200	2
CONTIG-034842	63	5	35	0	0

CONTIG-034843	73	12	37	12	0
CONTIG-034844	221	16	17	154	0
CONTIG-034847	523	8	18	72	4
CONTIG-034848	218	6	6	18	0
CONTIG-034849	101	10	11	0	0
CONTIG-034850	246	63	93	689	2
CONTIG-034851	428	15	23	103	0
CONTIG-034852	281	14	12	169	2
CONTIG-034853	103	6	13	17	0
CONTIG-034854	235	7	21	24	0
CONTIG-034855	288	14	71	100	0
CONTIG-034856	43	14	6	11	0
CONTIG-034857	919	23	23	615	2
CONTIG-034858	105	4	4	13	0
CONTIG-034859	283	10	22	45	2
CONTIG-034860	153	6	0	5	0
CONTIG-034861	109	3	2	8	0
CONTIG-034862	133	14	6	65	0
CONTIG-034863	83	7	3	15	0
CONTIG-034864	187	14	9	72	5
CONTIG-034865	91	4	9	3	0
CONTIG-034866	264	14	4	89	0
CONTIG-034867	208	12	2	74	2
CONTIG-034868	226	48	80	259	17
CONTIG-034869	145	11	11	54	0
CONTIG-034870	105	9	24	27	0
CONTIG-034871	82	8	3	21	0
CONTIG-034872	120	18	59	7	0
CONTIG-034873	70	4	3	0	0
CONTIG-034874	130	28	7	61	0
CONTIG-034875	269	10	16	96	0
CONTIG-034876	118	31	26	108	0
CONTIG-034877	304	9	5	95	0
CONTIG-034878	390	6	13	58	0
CONTIG-034879	329	9	21	66	0
CONTIG-034880	481	13	57	113	0
CONTIG-034881	369	16	177	168	0
CONTIG-034883	130	6	18	15	0
CONTIG-034884	203	13	21	110	0
CONTIG-034885	381	10	70	94	0
CONTIG-034886	307	19	0	0	73
CONTIG-034887	864	29	33	1178	14
CONTIG-034889	145	39	16	35	0
CONTIG-034890	61	9	6	13	0
CONTIG-034891	89	13	12	30	0
CONTIG-034892	542	25	129	361	0
CONTIG-034893	126	10	9	27	0

CONTIG-034897	877	33	62	1262	8
CONTIG-034898	532	16	30	258	0
CONTIG-034899	401	8	40	79	2
CONTIG-034900	86	5	9	8	0
CONTIG-034901	220	40	36	365	0
CONTIG-034902	61	9	4	15	0
CONTIG-034903	117	9	12	24	0
CONTIG-034904	300	12	23	129	0
CONTIG-034905	79	3	5	2	0
CONTIG-034906	215	8	20	48	0
CONTIG-034911	206	8	12	52	2
CONTIG-034913	264	8	8	25	0
CONTIG-034914	66	246	13	384	0
CONTIG-034915	482	11	16	196	0
CONTIG-034916	68	63	30	254	0
CONTIG-034917	115	19	21	79	0
CONTIG-034918	139	24	10	79	0
CONTIG-034919	166	26	43	135	4
CONTIG-034920	501	11	8	242	0
CONTIG-034921	217	9	48	46	0
CONTIG-034923	68	14	43	2	0
CONTIG-034924	512	9	28	140	3
CONTIG-034925	128	6	13	17	2
CONTIG-034927	123	10	11	48	0
CONTIG-034929	159	8	6	55	0
CONTIG-034930	114	8	27	13	0
CONTIG-034931	119	132	153	580	0
CONTIG-034932	141	11	5	20	2
CONTIG-034933	107	23	65	78	0
CONTIG-034935	101	9	4	42	2
CONTIG-034936	118	12	19	45	0
CONTIG-034937	111	5	8	14	0
CONTIG-034938	203	10	7	41	0
CONTIG-034939	152	33	14	9	0
CONTIG-034940	213	7	5	43	0
CONTIG-034941	672	16	178	266	3
CONTIG-034942	212	5	12	37	0
CONTIG-034943	149	6	8	21	0
CONTIG-034944	79	7	5	6	0
CONTIG-034945	546	12	18	152	0
CONTIG-034946	76	7	14	12	0
CONTIG-034947	159	7	7	29	0
CONTIG-034948	588	7	22	82	2
CONTIG-034949	372	14	10	7	0
CONTIG-034951	61	4	3	2	0
CONTIG-034952	1078	20	66	542	25
CONTIG-034953	175	10	27	28	0

CONTIG-034954	84	7	2	27	0
CONTIG-034957	69	10	0	24	0
CONTIG-034958	110	8	11	33	0
CONTIG-034959	280	6	15	49	0
CONTIG-034962	129	8	3	34	0
CONTIG-034963	351	23	6	7	0
CONTIG-034964	158	7	16	34	0
CONTIG-034965	303	21	23	191	0
CONTIG-034966	175	6	37	20	2
CONTIG-034967	83	8	20	12	0
CONTIG-034968	253	20	12	70	2
CONTIG-034969	320	11	32	69	2
CONTIG-034970	82	11	3	38	0
CONTIG-034971	104	8	2	0	0
CONTIG-034972	143	11	6	34	0
CONTIG-034973	205	7	4	42	0
CONTIG-034974	342	8	17	95	0
CONTIG-034975	159	10	3	67	0
CONTIG-034976	109	6	6	20	0
CONTIG-034977	452	9	46	120	4
CONTIG-034978	266	8	47	40	0
CONTIG-034979	73	5	3	6	0
CONTIG-034980	181	36	53	14	4
CONTIG-034981	266	46	10	0	96
CONTIG-034983	197	20	33	142	0
CONTIG-034984	1045	22	22	46	2
CONTIG-034985	71	3	2	8	0
CONTIG-034986	75	8	9	4	0
CONTIG-034996	66	6	8	9	0
CONTIG-034997	69	5	2	11	0
CONTIG-034998	115	8	41	10	0
CONTIG-034999	134	7	13	13	0
CONTIG-035000	100	11	22	0	0
CONTIG-035003	212	19	170	55	0
CONTIG-035009	188	10	2	61	0
CONTIG-035014	172	7	4	40	0
CONTIG-035015	120	6	23	11	0
CONTIG-035016	226	9	4	87	0
CONTIG-035017	88	7	20	0	0
CONTIG-035018	205	49	39	527	2
CONTIG-035019	317	13	9	75	11
CONTIG-035020	249	15	38	65	4
CONTIG-035021	187	175	2	0	209
CONTIG-035022	142	14	0	71	0
CONTIG-035023	73	11	24	16	0
CONTIG-035024	115	11	10	43	0
CONTIG-035025	98	12	12	39	0

CONTIG-035026	149	9	20	32	0
CONTIG-035027	339	11	43	123	0
CONTIG-035028	126	10	3	0	0
CONTIG-035029	261	17	6	126	2
CONTIG-035030	76	9	5	23	0
CONTIG-035031	190	11	8	75	0
CONTIG-035032	767	13	26	272	6
CONTIG-035033	402	6	28	86	0
CONTIG-035034	89	8	2	21	0
CONTIG-035035	172	8	17	36	0
CONTIG-035036	219	8	18	31	0
CONTIG-035037	68	10	6	21	2
CONTIG-035038	180	15	123	79	0
CONTIG-035039	97	21	33	77	0
CONTIG-035040	164	5	9	0	0
CONTIG-035041	409	15	53	270	0
CONTIG-035048	507	12	31	171	0
CONTIG-035049	107	103	16	0	0
CONTIG-035050	222	7	15	35	3
CONTIG-035052	452	10	41	133	2
CONTIG-035053	461	11	7	58	12
CONTIG-035054	201	14	10	47	0
CONTIG-035055	98	6	8	18	0
CONTIG-035056	111	4	0	2	0
CONTIG-035057	157	8	13	28	0
CONTIG-035059	59	6	10	5	0
CONTIG-035060	134	4	10	9	0
CONTIG-035061	111	9	2	27	0
CONTIG-035062	78	13	12	32	0
CONTIG-035063	147	14	19	56	3
CONTIG-035064	130	2	0	0	0
CONTIG-035065	728	13	29	418	2
CONTIG-035066	177	23	79	119	0
CONTIG-035067	224	13	22	46	0
CONTIG-035068	132	5	0	22	0
CONTIG-035069	107	11	40	27	0
CONTIG-035070	157	4	2	12	2
CONTIG-035071	378	11	45	159	0
CONTIG-035072	232	11	25	48	0
CONTIG-035073	101	5	6	13	2
CONTIG-035074	111	7	34	11	0
CONTIG-035075	142	10	14	57	0
CONTIG-035076	183	9	6	52	0
CONTIG-035077	266	14	44	60	3
CONTIG-035078	310	16	55	67	5
CONTIG-035079	110	16	15	56	2
CONTIG-035080	620	19	67	227	19

CONTIG-035081	170	16	84	100	0
CONTIG-035082	75	13	0	18	2
CONTIG-035083	143	8	12	32	0
CONTIG-035084	82	868	2	0	1049
CONTIG-035085	71	6	0	0	0
CONTIG-035086	81	4	4	7	0
CONTIG-035087	390	57	4	18	0
CONTIG-035088	574	36	8	39	0
CONTIG-035089	155	6	0	43	0
CONTIG-035090	478	9	32	119	0
CONTIG-035091	140	8	14	29	0
CONTIG-035092	63	5	10	0	0
CONTIG-035093	89	9	4	11	0
CONTIG-035094	131	8	0	29	0
CONTIG-035095	58	9	33	0	0
CONTIG-035096	226	13	23	75	0
CONTIG-035106	326	53	175	335	20
CONTIG-035107	59	16	4	28	0
CONTIG-035108	662	20	7	5	0
CONTIG-035109	213	18	26	194	0
CONTIG-035110	84	45	77	96	0
CONTIG-035111	65	118	12	370	0
CONTIG-035112	100	18	25	32	4
CONTIG-035115	83	5	0	19	0
CONTIG-035116	100	6	21	13	2
CONTIG-035117	396	18	88	66	3
CONTIG-035118	77	4	10	2	2
CONTIG-035119	113	12	5	2	0
CONTIG-035120	70	7	4	20	0
CONTIG-035122	71	4	4	10	0
CONTIG-035123	92	17	8	40	0
CONTIG-035124	76	3	2	5	0
CONTIG-035125	63	5	10	10	0
CONTIG-035126	78	9	22	2	0
CONTIG-035127	341	7	4	97	0
CONTIG-035128	343	16	86	153	0
CONTIG-035129	72	400	73	1137	7
CONTIG-035130	67	4	2	2	0
CONTIG-035131	73	7	24	5	0
CONTIG-035133	203	8	16	29	0
CONTIG-035134	236	11	26	84	0
CONTIG-035135	649	18	18	232	15
CONTIG-035136	734	27	145	494	0
CONTIG-035137	38	661	90	368	109
CONTIG-035138	286	7	7	44	0
CONTIG-035139	65	4	11	5	0
CONTIG-035141	177	10	2	67	0

CONTIG-035143	58	5	11	0	0
CONTIG-035144	109	9	9	33	0
CONTIG-035145	520	16	80	225	4
CONTIG-035146	240	23	60	32	0
CONTIG-035147	128	97	10	4	0
CONTIG-035148	62	8	26	3	0
CONTIG-035150	178	16	6	0	4
CONTIG-035151	131	13	42	42	0
CONTIG-035152	111	9	25	17	2
CONTIG-035154	84	21	57	2	0
CONTIG-035155	171	9	15	40	2
CONTIG-035156	119	5	20	5	0
CONTIG-035157	749	13	60	252	6
CONTIG-035158	183	13	33	39	0
CONTIG-035159	59	5	21	0	0
CONTIG-035160	72	33	0	46	0
CONTIG-035163	1098	14	82	477	6
CONTIG-035164	130	11	6	43	0
CONTIG-035167	201	6	22	38	0
CONTIG-035168	276	6	8	44	2
CONTIG-035169	242	13	58	120	0
CONTIG-035170	70	12	17	0	0
CONTIG-035171	211	7	30	53	0
CONTIG-035173	88	6	18	10	0
CONTIG-035174	67	4	4	6	0
CONTIG-035175	299	7	15	64	0
CONTIG-035176	174	8	4	6	0
CONTIG-035178	164	8	13	34	0
CONTIG-035179	100	9	4	36	0
CONTIG-035183	65	12	14	18	0
CONTIG-035184	75	5	13	7	0
CONTIG-035185	67	8	7	16	0
CONTIG-035186	58	18	29	19	0
CONTIG-035187	492	9	33	108	2
CONTIG-035188	176	15	22	66	2
CONTIG-035189	71	16	5	11	0
CONTIG-035190	623	15	70	275	16
CONTIG-035191	114	9	2	39	0
CONTIG-035192	188	8	8	48	0
CONTIG-035193	91	15	63	0	0
CONTIG-035194	399	8	72	67	2
CONTIG-035195	963	26	42	1038	10
CONTIG-035196	66	24	10	29	0
CONTIG-035197	355	7	4	48	0
CONTIG-035198	65	11	39	4	0
CONTIG-035199	218	7	50	33	0
CONTIG-035200	119	6	8	0	0

CONTIG-035201	129	8	28	29	0
CONTIG-035202	473	7	6	52	4
CONTIG-035203	90	3	3	4	0
CONTIG-035204	93	11	16	4	0
CONTIG-035205	425	11	13	100	0
CONTIG-035206	327	10	27	57	4
CONTIG-035207	62	15	15	18	0
CONTIG-035208	247	10	50	55	0
CONTIG-035209	70	21	22	12	2
CONTIG-035212	420	15	53	147	0
CONTIG-035213	65	7	0	2	0
CONTIG-035214	75	5	2	12	0
CONTIG-035215	123	9	8	51	0
CONTIG-035216	111	14	12	40	0
CONTIG-035217	135	12	30	29	0
CONTIG-035218	73	7	2	10	0
CONTIG-035220	245	16	65	89	0
CONTIG-035221	680	34	0	0	214
CONTIG-035222	158	6	6	38	0
CONTIG-035224	82	7	8	11	0
CONTIG-035225	1150	19	90	715	0
CONTIG-035227	270	43	38	340	12
CONTIG-035228	60	14	7	36	0
CONTIG-035230	219	14	18	61	0
CONTIG-035236	64	6	9	4	0
CONTIG-035237	151	16	10	56	2
CONTIG-035238	142	4	4	19	0
CONTIG-035239	117	9	10	33	0
CONTIG-035240	289	14	26	121	0
CONTIG-035248	103	6	8	0	0
CONTIG-035251	116	28	3	74	0
CONTIG-035252	295	50	15	287	0
CONTIG-035253	120	34	3	110	0
CONTIG-035254	45	832	203	22	758
CONTIG-035255	255	23	8	248	4
CONTIG-035256	553	7	20	94	0
CONTIG-035257	187	10	44	19	0
CONTIG-035258	62	5	0	2	0
CONTIG-035259	127	22	17	119	0
CONTIG-035260	62	10	15	22	0
CONTIG-035261	187	11	9	41	0
CONTIG-035262	176	6	7	33	0
CONTIG-035263	99	8	14	15	0
CONTIG-035264	231	12	28	65	0
CONTIG-035265	132	16	24	76	0
CONTIG-035266	943	22	154	714	4
CONTIG-035267	130	4	2	8	0

CONTIG-035268	113	4	5	6	0
CONTIG-035269	61	3	2	0	0
CONTIG-035270	525	13	19	132	0
CONTIG-035271	141	27	67	136	0
CONTIG-035272	825	37	82	1570	0
CONTIG-035273	59	6	0	10	0
CONTIG-035274	914	13	89	259	4
CONTIG-035275	63	8	4	22	0
CONTIG-035276	253	8	30	68	0
CONTIG-035277	90	7	2	20	0
CONTIG-035278	234	15	7	200	0
CONTIG-035279	152	7	18	6	0
CONTIG-035280	43	35	20	25	0
CONTIG-035281	125	7	14	31	0
CONTIG-035282	269	30	31	247	0
CONTIG-035283	82	5	7	5	0
CONTIG-035284	262	8	11	67	0
CONTIG-035285	227	9	6	88	0
CONTIG-035286	175	6	5	32	0
CONTIG-035287	111	6	11	18	0
CONTIG-035288	96	12	33	14	0
CONTIG-035290	161	65	46	321	14
CONTIG-035291	37	74	9	78	0
CONTIG-035292	89	13	2	32	0
CONTIG-035293	187	15	19	104	0
CONTIG-035294	85	4	4	7	0
CONTIG-035295	121	8	13	39	0
CONTIG-035296	70	7	6	10	0
CONTIG-035297	95	193	52	658	55
CONTIG-035298	67	8	7	16	0
CONTIG-035301	356	9	24	57	0
CONTIG-035302	126	17	2	103	0
CONTIG-035304	932	12	2	0	33
CONTIG-035306	141	12	10	58	0
CONTIG-035307	127	15	17	78	0
CONTIG-035308	197	292	9	8	0
CONTIG-035309	537	17	22	532	0
CONTIG-035310	224	11	4	32	0
CONTIG-035311	296	16	17	276	0
CONTIG-035312	60	2	0	4	0
CONTIG-035313	400	10	6	110	0
CONTIG-035314	375	32	169	323	9
CONTIG-035315	180	9	43	30	0
CONTIG-035316	126	21	43	65	0
CONTIG-035317	321	14	28	81	2
CONTIG-035318	223	11	58	97	0
CONTIG-035319	167	5	0	32	0

CONTIG-035320	121	9	7	8	0
CONTIG-035321	200	12	35	84	0
CONTIG-035322	198	13	56	134	0
CONTIG-035323	116	20	7	92	0
CONTIG-035327	107	3	6	8	0
CONTIG-035328	344	26	92	280	2
CONTIG-035329	149	12	24	20	0
CONTIG-035330	83	7	14	6	0
CONTIG-035331	202	8	87	23	0
CONTIG-035332	194	21	24	127	0
CONTIG-035333	73	4	5	4	0
CONTIG-035334	575	22	74	631	6
CONTIG-035335	331	8	25	79	4
CONTIG-035340	540	8	22	127	0
CONTIG-035341	60	12	21	18	0
CONTIG-035342	71	6	7	7	0
CONTIG-035343	334	10	6	109	2
CONTIG-035344	293	11	10	127	0
CONTIG-035345	60	5	5	10	0
CONTIG-035346	59	5	8	6	0
CONTIG-035347	367	11	33	142	0
CONTIG-035348	326	10	3	9	0
CONTIG-035349	192	11	33	98	0
CONTIG-035350	63	6	19	8	0
CONTIG-035351	148	10	12	38	0
CONTIG-035352	612	10	10	224	2
CONTIG-035353	76	4	2	10	0
CONTIG-035355	177	5	4	6	0
CONTIG-035356	218	10	9	68	0
CONTIG-035357	1010	33	68	761	2
CONTIG-035358	136	38	101	24	0
CONTIG-035359	402	131	7	80	0
CONTIG-035360	397	12	43	200	0
CONTIG-035361	82	6	14	5	0
CONTIG-035362	530	29	83	804	0
CONTIG-035363	96	5	5	9	2
CONTIG-035364	171	10	10	45	0
CONTIG-035365	194	6	7	12	0
CONTIG-035366	630	20	87	465	4
CONTIG-035367	79	12	16	27	0
CONTIG-035368	295	8	32	87	0
CONTIG-035369	267	16	28	149	0
CONTIG-035370	61	4	6	4	0
CONTIG-035371	229	10	24	60	0
CONTIG-035372	349	9	53	119	0
CONTIG-035373	272	11	13	124	0
CONTIG-035374	189	8	26	45	0

CONTIG-035375	179	4	5	4	0
CONTIG-035376	41	32	4	26	0
CONTIG-035377	327	20	24	202	2
CONTIG-035378	84	5	11	5	0
CONTIG-035379	109	5	5	20	0
CONTIG-035380	60	8	15	8	0
CONTIG-035381	95	3	0	5	0
CONTIG-035382	82	9	4	30	0
CONTIG-035383	120	11	107	0	2
CONTIG-035384	120	7	12	14	0
CONTIG-035385	110	6	5	21	0
CONTIG-035386	165	8	2	35	0
CONTIG-035393	184	7	4	30	4
CONTIG-035394	436	31	36	346	16
CONTIG-035395	64	7	6	10	0
CONTIG-035396	443	10	10	152	2
CONTIG-035398	225	6	10	30	0
CONTIG-035399	295	14	31	122	2
CONTIG-035400	172	32	6	0	49
CONTIG-035401	378	10	27	155	0
CONTIG-035402	67	7	5	0	0
CONTIG-035403	148	11	15	56	0
CONTIG-035404	62	4	6	5	0
CONTIG-035405	387	9	65	83	0
CONTIG-035406	177	7	7	27	2
CONTIG-035407	74	4	6	10	0
CONTIG-035408	308	5	7	29	0
CONTIG-035409	78	6	16	4	0
CONTIG-035410	48	96	2	214	0
CONTIG-035411	60	7	6	12	0
CONTIG-035412	76	5	14	10	0
CONTIG-035414	389	8	34	89	0
CONTIG-035415	91	5	2	7	0
CONTIG-035416	65	9	9	9	0
CONTIG-035417	274	11	21	110	0
CONTIG-035418	120	5	9	10	0
CONTIG-035419	96	72	23	409	0
CONTIG-035420	234	9	30	52	0
CONTIG-035421	322	10	2	112	2
CONTIG-035422	134	10	12	26	0
CONTIG-035423	107	11	10	15	0
CONTIG-035424	63	2	5	0	0
CONTIG-035425	62	3	8	0	0
CONTIG-035426	450	9	28	141	0
CONTIG-035430	91	11	52	6	0
CONTIG-035431	290	24	87	167	0
CONTIG-035432	308	29	15	28	0

CONTIG-035433	192	10	49	42	0
CONTIG-035434	227	9	5	27	0
CONTIG-035435	95	461	101	699	8
CONTIG-035436	450	10	37	166	0
CONTIG-035437	317	16	41	182	0
CONTIG-035438	101	8	8	17	0
CONTIG-035439	81	10	35	16	0
CONTIG-035440	65	6	2	10	0
CONTIG-035441	176	11	12	63	3
CONTIG-035442	344	8	17	105	0
CONTIG-035443	349	9	2	7	0
CONTIG-035449	171	6	2	31	0
CONTIG-035452	341	13	11	157	0
CONTIG-035453	169	4	6	9	0
CONTIG-035455	71	9	3	12	0
CONTIG-035456	692	10	25	78	15
CONTIG-035457	281	6	12	48	0
CONTIG-035458	177	6	21	35	0
CONTIG-035459	125	6	6	15	0
CONTIG-035460	109	6	8	12	0
CONTIG-035461	128	15	24	44	0
CONTIG-035462	94	10	43	14	0
CONTIG-035465	214	15	5	51	0
CONTIG-035466	101	6	2	9	0
CONTIG-035467	229	15	14	159	0
CONTIG-035468	202	10	7	73	0
CONTIG-035469	222	8	17	51	0
CONTIG-035470	113	5	12	16	0
CONTIG-035473	218	12	38	57	0
CONTIG-035474	120	14	58	33	0
CONTIG-035475	170	6	0	29	0
CONTIG-035476	649	10	22	281	10
CONTIG-035477	548	35	53	397	17
CONTIG-035478	66	10	56	0	0
CONTIG-035479	81	7	10	6	0
CONTIG-035480	283	21	34	285	2
CONTIG-035481	94	4	6	2	0
CONTIG-035482	623	12	30	229	0
CONTIG-035483	161	11	5	56	0
CONTIG-035484	84	4	11	6	0
CONTIG-035485	114	15	3	71	0
CONTIG-035486	300	12	81	93	0
CONTIG-035487	140	63	228	202	11
CONTIG-035490	66	26	29	42	0
CONTIG-035491	225	17	27	54	0
CONTIG-035493	475	32	63	504	2
CONTIG-035494	158	10	15	62	5

CONTIG-035495	226	29	4	350	0
CONTIG-035496	108	4	3	8	0
CONTIG-035497	85	14	29	21	0
CONTIG-035498	80	69	112	247	0
CONTIG-035499	142	17	17	50	0
CONTIG-035500	69	5	2	13	0
CONTIG-035501	104	2	0	8	0
CONTIG-035502	345	10	13	170	0
CONTIG-035503	160	13	7	77	0
CONTIG-035504	75	7	40	0	0
CONTIG-035505	361	9	9	116	2
CONTIG-035506	557	10	25	198	4
CONTIG-035507	139	10	7	50	0
CONTIG-035508	70	10	4	21	0
CONTIG-035509	226	6	21	46	0
CONTIG-035511	62	8	10	0	0
CONTIG-035512	100	6	17	8	3
CONTIG-035513	110	3	2	10	0
CONTIG-035514	189	6	7	23	0
CONTIG-035515	90	8	8	12	0
CONTIG-035516	83	12	55	2	0
CONTIG-035517	504	9	39	96	0
CONTIG-035518	193	20	33	98	2
CONTIG-035519	183	11	18	45	0
CONTIG-035520	248	69	14	502	14
CONTIG-035521	120	8	8	25	0
CONTIG-035522	110	7	8	20	0
CONTIG-035523	215	8	2	63	0
CONTIG-035524	99	8	4	10	0
CONTIG-035525	148	11	16	32	0
CONTIG-035526	434	9	19	61	0
CONTIG-035527	471	47	30	773	2
CONTIG-035528	172	23	41	85	0
CONTIG-035532	540	14	3	0	12
CONTIG-035534	99	3	4	4	0
CONTIG-035535	151	5	2	36	0
CONTIG-035536	169	8	10	32	0
CONTIG-035537	192	15	66	30	2
CONTIG-035538	192	8	35	31	0
CONTIG-035539	211	6	21	44	0
CONTIG-035540	103	8	2	14	0
CONTIG-035541	57	18	4	39	0
CONTIG-035542	65	7	12	5	0
CONTIG-035543	123	4	4	13	0
CONTIG-035545	163	9	20	43	0
CONTIG-035547	572	14	27	298	0
CONTIG-035548	96	17	24	58	0

CONTIG-035549	76	9	7	17	0
CONTIG-035550	341	10	7	157	0
CONTIG-035552	148	10	11	47	0
CONTIG-035553	466	17	41	328	4
CONTIG-035554	98	12	23	20	0
CONTIG-035555	122	6	3	12	0
CONTIG-035556	64	5	4	7	0
CONTIG-035557	125	18	17	122	0
CONTIG-035558	78	5	18	2	0
CONTIG-035559	198	8	17	24	0
CONTIG-035560	272	15	59	149	0
CONTIG-035561	64	3	0	0	0
CONTIG-035562	335	12	30	112	0
CONTIG-035563	105	11	24	30	0
CONTIG-035564	133	63	10	385	0
CONTIG-035566	276	36	73	232	2
CONTIG-035567	350	10	2	78	0
CONTIG-035568	278	17	62	65	0
CONTIG-035569	434	13	16	171	0
CONTIG-035570	102	8	4	2	0
CONTIG-035571	96	10	18	35	0
CONTIG-035573	61	8	2	0	0
CONTIG-035575	158	9	7	62	0
CONTIG-035576	85	16	13	17	0
CONTIG-035577	128	5	2	8	0
CONTIG-035578	145	13	21	37	0
CONTIG-035579	461	18	96	207	4
CONTIG-035580	157	28	55	93	0
CONTIG-035581	201	16	29	170	0
CONTIG-035582	81	5	9	11	0
CONTIG-035583	411	11	42	126	0
CONTIG-035584	126	5	4	22	0
CONTIG-035585	241	14	31	119	0
CONTIG-035587	524	12	85	203	4
CONTIG-035588	193	18	0	128	0
CONTIG-035589	197	7	12	21	0
CONTIG-035590	177	7	6	31	0
CONTIG-035591	85	3	9	8	0
CONTIG-035592	73	4	2	5	0
CONTIG-035593	63	5	5	6	0
CONTIG-035594	173	11	4	67	0
CONTIG-035595	388	13	77	81	2
CONTIG-035596	148	7	13	10	0
CONTIG-035597	174	8	10	42	0
CONTIG-035598	97	6	6	14	0
CONTIG-035599	118	5	2	11	0
CONTIG-035602	76	5	3	4	0

CONTIG-035603	355	21	46	238	5
CONTIG-035604	436	8	39	87	0
CONTIG-035605	1056	14	53	384	9
CONTIG-035606	161	15	32	76	2
CONTIG-035607	409	9	6	50	0
CONTIG-035608	113	5	17	2	0
CONTIG-035609	629	75	36	2667	8
CONTIG-035610	232	8	7	20	0
CONTIG-035611	221	8	6	57	0
CONTIG-035612	211	9	35	76	0
CONTIG-035613	143	15	39	69	0
CONTIG-035614	155	6	5	28	2
CONTIG-035615	995	13	40	298	11
CONTIG-035616	129	7	0	22	0
CONTIG-035617	62	6	8	11	0
CONTIG-035618	92	8	21	22	0
CONTIG-035619	106	7	10	16	0
CONTIG-035620	173	12	28	70	0
CONTIG-035621	79	3	7	4	0
CONTIG-035622	129	12	15	32	0
CONTIG-035623	160	12	9	51	0
CONTIG-035624	124	13	2	40	0
CONTIG-035627	251	30	87	198	13
CONTIG-035628	147	9	3	43	0
CONTIG-035629	97	11	9	13	0
CONTIG-035630	75	8	24	11	0
CONTIG-035631	165	15	9	61	0
CONTIG-035633	112	8	8	20	0
CONTIG-035634	92	6	4	0	3
CONTIG-035635	101	7	14	14	0
CONTIG-035636	82	161	12	367	4
CONTIG-035638	244	30	12	192	0
CONTIG-035639	747	14	36	311	0
CONTIG-035640	127	7	26	25	0
CONTIG-035642	148	8	5	32	0
CONTIG-035643	115	19	16	130	0
CONTIG-035644	95	14	34	38	0
CONTIG-035645	246	11	20	99	2
CONTIG-035646	411	20	0	0	43
CONTIG-035647	96	5	2	7	0
CONTIG-035648	93	6	4	18	0
CONTIG-035649	184	18	15	74	5
CONTIG-035650	657	13	18	354	6
CONTIG-035651	236	15	14	75	2
CONTIG-035652	73	10	6	0	2
CONTIG-035653	130	5	10	0	0
CONTIG-035654	101	8	6	21	0

CONTIG-035655	264	18	54	89	0
CONTIG-035656	58	22	20	7	0
CONTIG-035658	139	5	12	7	0
CONTIG-035659	141	5	2	17	0
CONTIG-035660	108	19	12	107	0
CONTIG-035661	175	28	29	162	0
CONTIG-035662	682	14	0	0	102
CONTIG-035663	148	6	2	46	0
CONTIG-035664	229	37	20	420	4
CONTIG-035668	137	33	27	151	8
CONTIG-035669	66	5	5	11	0
CONTIG-035670	316	10	22	76	0
CONTIG-035671	324	10	6	136	0
CONTIG-035672	299	20	130	152	0
CONTIG-035673	232	10	32	40	2
CONTIG-035674	94	8	21	20	0
CONTIG-035675	740	11	33	330	0
CONTIG-035676	91	6	25	5	0
CONTIG-035677	161	6	0	27	0
CONTIG-035678	71	10	3	25	0
CONTIG-035679	142	14	31	30	2
CONTIG-035681	235	11	8	56	2
CONTIG-035682	71	7	7	10	0
CONTIG-035683	74	5	4	0	0
CONTIG-035684	225	8	21	39	0
CONTIG-035685	377	18	26	351	0
CONTIG-035686	265	27	66	409	0
CONTIG-035687	142	10	6	76	0
CONTIG-035688	157	7	16	31	0
CONTIG-035689	157	7	11	36	0
CONTIG-035690	281	12	44	97	0
CONTIG-035691	300	17	54	105	2
CONTIG-035697	609	9	37	142	0
CONTIG-035698	95	6	8	12	2
CONTIG-035699	110	408	59	2476	0
CONTIG-035700	273	7	15	33	0
CONTIG-035701	165	20	10	66	0
CONTIG-035702	61	5	17	5	0
CONTIG-035704	77	11	2	32	2
CONTIG-035705	139	6	9	23	0
CONTIG-035706	152	7	8	19	0
CONTIG-035707	164	15	11	97	0
CONTIG-035708	172	12	2	64	0
CONTIG-035709	65	6	0	0	0
CONTIG-035710	152	11	5	31	0
CONTIG-035711	173	8	15	37	0
CONTIG-035712	213	14	22	101	0

CONTIG-035713	125	35	4	207	0
CONTIG-035714	76	9	0	22	0
CONTIG-035715	248	21	112	158	2
CONTIG-035716	130	14	11	27	0
CONTIG-035717	112	8	6	29	0
CONTIG-035718	240	45	63	212	2
CONTIG-035719	84	7	9	14	0
CONTIG-035720	106	7	0	22	0
CONTIG-035721	391	29	24	236	12
CONTIG-035722	99	6	11	5	0
CONTIG-035723	82	8	9	2	2
CONTIG-035724	394	13	11	206	0
CONTIG-035725	253	22	9	115	10
CONTIG-035726	327	9	16	85	2
CONTIG-035727	133	6	3	20	0
CONTIG-035728	138	5	2	22	0
CONTIG-035729	91	5	5	2	0
CONTIG-035731	178	10	9	36	0
CONTIG-035732	142	13	52	30	0
CONTIG-035733	872	15	28	423	0
CONTIG-035735	666	21	52	400	4
CONTIG-035737	129	4	9	15	0
CONTIG-035738	112	25	12	76	0
CONTIG-035739	145	22	4	89	6
CONTIG-035740	107	8	2	29	0
CONTIG-035741	726	24	20	867	0
CONTIG-035743	74	406	219	564	83
CONTIG-035744	2241	18	18	1805	0
CONTIG-035745	93	5	0	17	0
CONTIG-035746	104	7	10	16	0
CONTIG-035747	379	15	31	201	0
CONTIG-035748	248	14	91	92	0
CONTIG-035749	149	13	3	46	0
CONTIG-035750	102	79	18	346	10
CONTIG-035751	58	6	23	2	0
CONTIG-035752	502	14	83	142	0
CONTIG-035753	145	7	46	14	0
CONTIG-035757	161	5	54	10	0
CONTIG-035762	312	8	12	84	0
CONTIG-035763	231	10	59	31	0
CONTIG-035764	60	3	0	3	0
CONTIG-035766	253	18	16	132	2
CONTIG-035767	72	4	9	4	0
CONTIG-035768	130	8	2	37	0
CONTIG-035769	125	26	17	69	10
CONTIG-035770	86	9	14	29	0
CONTIG-035771	139	9	5	38	0

CONTIG-035772	215	9	10	59	0
CONTIG-035773	234	53	107	402	4
CONTIG-035774	191	12	20	56	0
CONTIG-035775	380	24	0	0	0
CONTIG-035776	150	7	28	18	0
CONTIG-035777	130	4	13	17	0
CONTIG-035778	309	7	12	60	2
CONTIG-035779	347	12	8	39	0
CONTIG-035780	68	4	2	0	0
CONTIG-035781	151	5	0	12	0
CONTIG-035782	369	14	7	186	4
CONTIG-035783	184	12	24	56	2
CONTIG-035784	79	6	17	7	0
CONTIG-035785	78	5	4	0	0
CONTIG-035786	2615	28	0	4	1348
CONTIG-035787	97	3	0	7	0
CONTIG-035788	112	13	2	55	0
CONTIG-035789	171	3	2	11	0
CONTIG-035790	297	15	46	58	0
CONTIG-035791	87	8	0	6	0
CONTIG-035792	337	9	20	83	4
CONTIG-035793	180	19	0	122	4
CONTIG-035794	144	11	4	50	0
CONTIG-035795	186	11	45	12	0
CONTIG-035796	89	7	2	12	0
CONTIG-035797	164	3	4	2	0
CONTIG-035798	866	42	30	321	0
CONTIG-035799	63	3	11	0	0
CONTIG-035800	80	35	19	102	0
CONTIG-035801	151	27	10	126	0
CONTIG-035802	171	10	12	67	0
CONTIG-035803	479	18	27	232	2
CONTIG-035804	57	9	4	0	0
CONTIG-035805	103	13	16	12	0
CONTIG-035806	96	6	8	0	0
CONTIG-035807	119	5	11	22	0
CONTIG-035808	145	10	30	19	0
CONTIG-035811	220	19	6	114	4
CONTIG-035812	103	9	6	25	0
CONTIG-035813	69	5	0	6	0
CONTIG-035814	101	12	7	44	0
CONTIG-035816	100	4	0	11	0
CONTIG-035817	99	3	2	2	0
CONTIG-035818	320	70	264	407	19
CONTIG-035819	86	6	4	8	0
CONTIG-035822	253	22	8	215	0
CONTIG-035823	836	12	19	379	0

CONTIG-035824	71	35	2	0	2
CONTIG-035828	323	25	22	295	15
CONTIG-035829	66	4	2	2	0
CONTIG-035830	122	3	4	4	0
CONTIG-035831	527	8	22	67	0
CONTIG-035832	373	21	89	399	0
CONTIG-035833	69	3	0	0	0
CONTIG-035834	100	4	6	8	0
CONTIG-035835	821	16	41	430	7
CONTIG-035836	58	9	7	8	0
CONTIG-035837	467	13	10	246	0
CONTIG-035838	226	10	10	60	0
CONTIG-035839	120	5	0	18	0
CONTIG-035840	90	10	12	19	0
CONTIG-035841	63	7	4	5	0
CONTIG-035842	159	10	23	27	0
CONTIG-035843	70	6	2	6	0
CONTIG-035844	125	6	5	19	0
CONTIG-035845	264	12	11	94	0
CONTIG-035846	165	7	13	40	0
CONTIG-035847	284	11	33	81	2
CONTIG-035849	184	14	15	86	0
CONTIG-035850	107	11	55	0	0
CONTIG-035852	73	12	7	22	0
CONTIG-035853	121	11	4	38	0
CONTIG-035854	45	110	11	257	0
CONTIG-035856	71	5	5	12	0
CONTIG-035858	237	9	11	45	0
CONTIG-035859	341	12	25	91	3
CONTIG-035860	37	161	3	72	3
CONTIG-035861	99	16	25	37	0
CONTIG-035862	133	18	0	0	24
CONTIG-035865	66	5	4	11	0
CONTIG-035866	645	40	74	691	37
CONTIG-035867	247	326	9	2	168
CONTIG-035868	434	23	152	307	0
CONTIG-035869	262	8	30	32	0
CONTIG-035870	336	8	32	64	0
CONTIG-035871	157	13	4	97	0
CONTIG-035872	127	14	10	49	0
CONTIG-035873	216	161	49	20	0
CONTIG-035874	94	9	3	0	0
CONTIG-035876	431	12	21	4	5
CONTIG-035877	119	8	15	39	0
CONTIG-035878	129	6	7	21	0
CONTIG-035879	543	13	33	221	9
CONTIG-035880	74	5	14	4	0

CONTIG-035881	473	13	2	0	0
CONTIG-035882	951	17	66	885	0
CONTIG-035883	166	9	2	35	0
CONTIG-035884	100	7	5	18	0
CONTIG-035885	68	4	7	0	0
CONTIG-035886	139	13	9	7	0
CONTIG-035887	530	8	75	110	0
CONTIG-035896	822	15	145	258	8
CONTIG-035898	199	9	41	33	0
CONTIG-035899	136	5	13	23	0
CONTIG-035900	36	56	16	30	0
CONTIG-035901	140	8	2	46	0
CONTIG-035902	340	11	7	122	0
CONTIG-035903	145	6	8	15	0
CONTIG-035904	340	7	6	70	0
CONTIG-035905	127	10	9	0	0
CONTIG-035906	78	14	28	6	0
CONTIG-035907	231	3	5	23	0
CONTIG-035908	218	4	7	18	0
CONTIG-035909	61	13	9	9	0
CONTIG-035910	81	13	12	27	0
CONTIG-035911	95	9	8	14	0
CONTIG-035912	123	10	26	37	0
CONTIG-035913	390	35	59	183	0
CONTIG-035914	185	12	35	39	0
CONTIG-035915	116	7	5	11	0
CONTIG-035916	116	11	15	33	0
CONTIG-035917	141	18	37	46	0
CONTIG-035918	135	14	18	22	4
CONTIG-035919	82	11	3	36	0
CONTIG-035920	67	5	16	2	0
CONTIG-035921	81	6	4	0	0
CONTIG-035923	85	7	23	6	0
CONTIG-035924	90	4	10	11	0
CONTIG-035925	319	32	9	467	2
CONTIG-035926	148	6	20	31	0
CONTIG-035927	92	21	36	49	0
CONTIG-035928	98	7	0	12	0
CONTIG-035929	50	34	6	62	0
CONTIG-035930	109	12	68	19	0
CONTIG-035931	460	32	173	559	0
CONTIG-035932	380	8	74	83	0
CONTIG-035933	196	33	200	72	4
CONTIG-035934	222	12	22	65	0
CONTIG-035935	108	7	29	21	0
CONTIG-035936	223	7	6	31	2
CONTIG-035937	86	14	30	9	0

CONTIG-035938	114	5	0	12	0
CONTIG-035939	393	9	19	113	0
CONTIG-035940	158	21	40	157	0
CONTIG-035942	67	8	17	6	0
CONTIG-035943	491	10	58	112	13
CONTIG-035944	68	5	4	18	0
CONTIG-035945	90	10	9	39	0
CONTIG-035946	68	7	12	3	0
CONTIG-035947	97	8	3	23	0
CONTIG-035948	245	7	27	43	3
CONTIG-035949	69	4	5	8	0
CONTIG-035950	181	12	83	14	0
CONTIG-035951	664	7	40	110	0
CONTIG-035952	223	9	24	87	0
CONTIG-035953	215	12	9	68	2
CONTIG-035955	222	4	8	20	0
CONTIG-035956	108	6	2	22	0
CONTIG-035957	120	6	0	11	0
CONTIG-035958	364	12	19	129	0
CONTIG-035965	197	9	15	27	0
CONTIG-035966	192	6	2	40	0
CONTIG-035967	78	5	10	10	0
CONTIG-035968	66	7	0	2	0
CONTIG-035969	112	9	89	0	0
CONTIG-035970	106	5	2	15	0
CONTIG-035971	207	8	31	42	0
CONTIG-035973	77	137	41	8	0
CONTIG-035974	72	4	5	9	0
CONTIG-035975	223	53	23	599	0
CONTIG-035977	427	14	8	111	6
CONTIG-035978	224	15	51	54	2
CONTIG-035979	749	13	17	384	4
CONTIG-035980	125	7	11	26	0
CONTIG-035981	429	34	195	537	0
CONTIG-035982	247	13	35	45	0
CONTIG-035983	139	10	13	25	0
CONTIG-035984	122	6	13	14	0
CONTIG-035985	174	12	4	91	0
CONTIG-035986	72	6	6	6	0
CONTIG-035987	214	11	4	87	2
CONTIG-035988	128	5	5	12	0
CONTIG-035989	162	9	22	57	0
CONTIG-035990	113	22	17	107	0
CONTIG-035991	415	7	18	103	0
CONTIG-035995	95	4	3	12	0
CONTIG-035996	373	32	63	504	5
CONTIG-036000	217	10	76	54	0

CONTIG-036001	101	38	9	134	2
CONTIG-036002	76	7	12	6	0
CONTIG-036003	163	8	10	54	0
CONTIG-036004	162	8	10	52	0
CONTIG-036005	141	5	4	16	0
CONTIG-036006	184	10	9	57	0
CONTIG-036007	79	5	15	5	0
CONTIG-036008	115	9	17	30	0
CONTIG-036009	70	3	5	0	0
CONTIG-036010	94	7	2	30	0
CONTIG-036011	1458	34	10	4	295
CONTIG-036012	90	19	96	17	0
CONTIG-036017	196	11	10	103	0
CONTIG-036020	149	23	8	84	0
CONTIG-036025	88	6	6	11	0
CONTIG-036026	135	3	2	2	0
CONTIG-036027	171	134	136	483	60
CONTIG-036028	196	10	6	37	0
CONTIG-036029	183	24	98	51	2
CONTIG-036030	141	10	0	2	2
CONTIG-036031	124	6	3	25	0
CONTIG-036034	306	7	68	40	2
CONTIG-036035	306	14	20	166	0
CONTIG-036036	77	12	21	9	0
CONTIG-036037	463	14	58	312	0
CONTIG-036041	455	19	5	405	0
CONTIG-036042	211	20	61	101	0
CONTIG-036043	136	5	4	17	0
CONTIG-036044	73	2	4	0	0
CONTIG-036046	151	7	11	34	2
CONTIG-036047	204	20	16	78	2
CONTIG-036048	259	9	3	119	0
CONTIG-036049	186	30	163	68	2
CONTIG-036051	80	6	2	2	0
CONTIG-036054	337	10	20	160	0
CONTIG-036059	397	53	20	48	0
CONTIG-036061	1006	20	25	692	24
CONTIG-036062	119	7	5	2	0
CONTIG-036063	83	6	7	5	0
CONTIG-036064	626	17	82	441	4
CONTIG-036065	106	9	2	33	0
CONTIG-036066	565	20	45	267	8
CONTIG-036067	327	15	57	180	0
CONTIG-036069	61	5	15	0	0
CONTIG-036070	104	3	2	10	0
CONTIG-036071	161	4	2	16	0
CONTIG-036072	475	10	12	79	0

CONTIG-036073	239	20	168	98	0
CONTIG-036074	589	22	51	514	0
CONTIG-036078	941	12	72	206	0
CONTIG-036080	62	2	2	2	0
CONTIG-036084	69	11	48	0	0
CONTIG-036085	168	5	21	20	0
CONTIG-036086	299	18	48	51	0
CONTIG-036088	193	11	17	73	0
CONTIG-036089	78	12	0	38	0
CONTIG-036090	143	63	133	428	0
CONTIG-036091	145	5	6	23	0
CONTIG-036092	336	12	22	170	0
CONTIG-036093	622	11	6	247	2
CONTIG-036094	71	3	6	2	0
CONTIG-036095	162	11	24	24	0
CONTIG-036096	282	15	59	180	0
CONTIG-036097	185	24	47	213	0
CONTIG-036098	58	43	12	58	0
CONTIG-036099	94	9	16	29	0
CONTIG-036100	568	14	115	227	0
CONTIG-036101	95	6	4	12	0
CONTIG-036102	619	19	29	211	0
CONTIG-036103	217	12	67	71	0
CONTIG-036104	110	8	8	44	0
CONTIG-036105	59	10	26	0	0
CONTIG-036106	61	7	6	9	0
CONTIG-036107	459	15	0	8	0
CONTIG-036108	345	22	26	169	0
CONTIG-036109	132	3	7	10	0
CONTIG-036110	667	18	35	2	0
CONTIG-036111	94	3	12	5	0
CONTIG-036112	109	7	7	4	0
CONTIG-036113	94	4	7	10	0
CONTIG-036115	209	9	56	0	0
CONTIG-036116	129	11	6	73	0
CONTIG-036117	79	7	5	10	0
CONTIG-036118	223	18	10	65	0
CONTIG-036120	85	4	2	7	0
CONTIG-036121	217	4	0	13	0
CONTIG-036122	236	11	15	74	3
CONTIG-036123	141	5	5	2	0
CONTIG-036124	225	7	2	37	0
CONTIG-036127	70	5	7	4	0
CONTIG-036128	603	14	11	8	0
CONTIG-036129	242	13	56	47	0
CONTIG-036131	178	13	13	61	0
CONTIG-036132	129	6	5	15	0

CONTIG-036133	163	5	4	28	0
CONTIG-036134	863	12	8	67	30
CONTIG-036137	76	14	6	26	0
CONTIG-036138	176	7	24	28	0
CONTIG-036140	606	9	90	112	0
CONTIG-036141	114	7	2	25	0
CONTIG-036142	766	14	48	446	4
CONTIG-036143	465	20	168	395	0
CONTIG-036147	276	12	10	24	6
CONTIG-036149	131	7	9	9	0
CONTIG-036150	85	9	11	21	0
CONTIG-036151	106	4	2	4	0
CONTIG-036152	92	7	16	20	0
CONTIG-036154	175	12	4	106	0
CONTIG-036155	113	9	40	22	0
CONTIG-036156	174	5	3	0	2
CONTIG-036157	83	6	10	24	0
CONTIG-036158	1340	23	86	1564	0
CONTIG-036159	127	7	4	27	0
CONTIG-036161	209	11	16	72	0
CONTIG-036162	454	22	11	451	0
CONTIG-036163	80	6	0	9	0
CONTIG-036164	104	6	8	11	0
CONTIG-036165	111	53	9	117	4
CONTIG-036169	281	12	15	109	0
CONTIG-036170	211	7	8	47	0
CONTIG-036171	209	10	16	49	0
CONTIG-036172	68	71	14	145	0
CONTIG-036173	229	14	18	66	0
CONTIG-036174	230	15	15	180	0
CONTIG-036175	473	12	48	234	2
CONTIG-036177	91	3	5	2	0
CONTIG-036178	72	2	0	0	0
CONTIG-036179	343	9	8	83	0
CONTIG-036180	71	6	7	11	0
CONTIG-036181	130	7	14	25	0
CONTIG-036182	589	31	81	620	2
CONTIG-036183	498	17	77	291	6
CONTIG-036184	170	25	70	81	0
CONTIG-036185	132	24	2	148	5
CONTIG-036186	161	152	145	1293	2
CONTIG-036187	392	11	28	121	5
CONTIG-036191	122	17	12	58	0
CONTIG-036192	84	12	43	0	0
CONTIG-036193	239	14	26	82	0
CONTIG-036194	49	26	0	29	0
CONTIG-036195	148	5	2	19	0

CONTIG-036196	143	9	33	26	0
CONTIG-036197	110	10	0	25	0
CONTIG-036199	215	8	19	61	0
CONTIG-036200	220	11	11	87	0
CONTIG-036201	193	19	62	83	0
CONTIG-036202	102	14	60	2	16
CONTIG-036205	254	5	6	56	0
CONTIG-036206	71	2	0	2	0
CONTIG-036207	120	7	4	32	0
CONTIG-036208	125	8	9	11	0
CONTIG-036209	170	40	27	291	0
CONTIG-036210	114	4	2	6	0
CONTIG-036211	947	26	67	800	17
CONTIG-036212	88	13	13	21	0
CONTIG-036213	251	16	91	165	0
CONTIG-036214	265	12	9	83	0
CONTIG-036215	110	36	2	52	0
CONTIG-036216	111	5	5	12	0
CONTIG-036217	76	19	21	7	0
CONTIG-036218	368	11	8	69	0
CONTIG-036219	254	13	12	67	2
CONTIG-036220	118	13	17	32	2
CONTIG-036221	103	5	7	17	0
CONTIG-036222	69	17	19	8	2
CONTIG-036223	65	5	5	10	0
CONTIG-036224	93	5	2	6	0
CONTIG-036225	443	12	78	161	2
CONTIG-036226	207	30	45	243	0
CONTIG-036227	240	9	22	48	2
CONTIG-036228	45	36	11	6	5
CONTIG-036229	200	9	47	41	0
CONTIG-036230	154	4	0	23	0
CONTIG-036231	210	8	32	29	0
CONTIG-036232	226	71	18	413	29
CONTIG-036233	393	19	71	229	0
CONTIG-036234	336	14	14	190	0
CONTIG-036235	122	8	7	14	0
CONTIG-036236	155	9	3	43	0
CONTIG-036237	132	7	5	22	0
CONTIG-036238	83	7	0	23	0
CONTIG-036239	884	18	100	720	2
CONTIG-036240	179	25	17	257	0
CONTIG-036241	183	10	9	80	0
CONTIG-036242	166	26	16	224	0
CONTIG-036243	113	35	97	13	0
CONTIG-036244	234	6	21	46	2
CONTIG-036246	536	18	45	293	8

CONTIG-036247	85	36	211	3	0
CONTIG-036249	196	9	21	44	2
CONTIG-036254	287	14	85	117	0
CONTIG-036255	78	13	16	30	0
CONTIG-036256	136	8	24	31	0
CONTIG-036257	133	7	16	20	0
CONTIG-036258	67	7	7	14	0
CONTIG-036259	309	15	44	101	0
CONTIG-036261	182	16	14	83	0
CONTIG-036262	464	14	30	281	0
CONTIG-036263	78	5	5	14	0
CONTIG-036264	1282	86	128	42	0
CONTIG-036266	235	12	6	71	0
CONTIG-036267	143	14	49	28	0
CONTIG-036268	158	11	7	80	0
CONTIG-036272	100	5	0	4	0
CONTIG-036273	323	19	44	93	6
CONTIG-036274	84	13	9	56	0
CONTIG-036275	113	7	9	8	0
CONTIG-036276	63	6	10	4	0
CONTIG-036277	122	5	6	6	0
CONTIG-036278	621	24	67	393	4
CONTIG-036279	476	12	12	161	7
CONTIG-036280	397	15	85	294	0
CONTIG-036281	83	44	190	2	0
CONTIG-036282	67	42	7	163	0
CONTIG-036283	84	5	13	4	0
CONTIG-036284	102	10	44	2	0
CONTIG-036285	132	6	29	10	0
CONTIG-036286	73	10	4	26	0
CONTIG-036288	72	9	8	27	0
CONTIG-036291	143	13	13	72	0
CONTIG-036292	446	16	55	228	2
CONTIG-036293	207	9	12	78	0
CONTIG-036294	60	321	2	469	11
CONTIG-036295	271	12	50	131	0
CONTIG-036296	652	17	23	442	8
CONTIG-036297	1186	26	68	1642	2
CONTIG-036298	58	5	12	0	0
CONTIG-036300	161	12	2	88	0
CONTIG-036301	127	6	4	32	0
CONTIG-036302	290	7	41	45	0
CONTIG-036303	58	5	13	2	0
CONTIG-036304	471	13	19	170	4
CONTIG-036305	387	15	17	84	9
CONTIG-036306	187	17	14	79	0
CONTIG-036307	345	8	49	80	0

CONTIG-036308	120	17	75	50	0
CONTIG-036310	84	11	2	24	0
CONTIG-036312	91	23	28	10	3
CONTIG-036313	63	6	11	9	0
CONTIG-036314	86	8	13	16	0
CONTIG-036315	152	19	54	92	0
CONTIG-036316	513	9	14	158	0
CONTIG-036318	146	21	22	114	8
CONTIG-036320	570	12	62	151	11
CONTIG-036321	97	12	44	12	0
CONTIG-036322	272	9	38	30	0
CONTIG-036323	199	16	31	143	0
CONTIG-036324	119	4	2	10	0
CONTIG-036325	450	14	80	167	2
CONTIG-036326	133	7	0	46	0
CONTIG-036327	614	13	14	125	0
CONTIG-036328	202	10	16	68	0
CONTIG-036329	66	39	151	35	0
CONTIG-036330	316	37	98	53	2
CONTIG-036331	971	22	7	0	109
CONTIG-036333	275	74	118	1228	0
CONTIG-036334	64	3	2	7	0
CONTIG-036336	269	10	22	43	0
CONTIG-036337	120	56	21	187	0
CONTIG-036338	59	4	11	4	0
CONTIG-036340	289	8	2	51	0
CONTIG-036341	129	9	34	37	0
CONTIG-036342	592	21	107	117	4
CONTIG-036343	182	10	36	31	0
CONTIG-036344	528	16	40	422	0
CONTIG-036345	896	38	0	0	310
CONTIG-036346	65	5	7	5	0
CONTIG-036348	37	1078	32	9	0
CONTIG-036349	146	11	14	43	0
CONTIG-036350	81	8	10	20	0
CONTIG-036351	80	99	46	298	0
CONTIG-036353	369	17	6	18	0
CONTIG-036354	288	12	7	166	0
CONTIG-036355	74	7	3	16	0
CONTIG-036356	165	19	64	17	0
CONTIG-036357	396	13	20	184	0
CONTIG-036359	262	11	12	72	2
CONTIG-036360	39	137	48	87	0
CONTIG-036361	81	3	7	2	0
CONTIG-036362	59	8	19	2	0
CONTIG-036363	119	6	10	20	0
CONTIG-036364	178	11	8	56	0

CONTIG-036365	306	16	43	104	0
CONTIG-036366	328	31	84	262	6
CONTIG-036367	64	5	3	2	0
CONTIG-036368	726	17	136	348	2
CONTIG-036369	105	8	20	13	0
CONTIG-036370	206	9	35	38	0
CONTIG-036371	251	28	82	239	0
CONTIG-036372	589	11	29	124	0
CONTIG-036373	282	9	32	101	0
CONTIG-036374	210	11	42	15	3
CONTIG-036375	86	6	4	17	0
CONTIG-036376	325	7	30	47	2
CONTIG-036377	93	17	2	61	0
CONTIG-036378	96	4	0	12	0
CONTIG-036379	88	10	45	7	0
CONTIG-036380	73	69	9	280	0
CONTIG-036381	221	10	14	47	2
CONTIG-036385	78	6	0	6	0
CONTIG-036386	62	7	7	11	0
CONTIG-036387	164	12	10	47	0
CONTIG-036388	263	8	15	77	0
CONTIG-036389	72	39	111	68	0
CONTIG-036390	116	5	13	12	0
CONTIG-036391	223	9	8	69	0
CONTIG-036392	196	11	49	43	0
CONTIG-036395	59	22	19	26	0
CONTIG-036396	116	57	10	140	3
CONTIG-036397	84	24	58	32	0
CONTIG-036398	161	12	15	36	0
CONTIG-036399	65	3	9	2	0
CONTIG-036400	136	5	2	16	0
CONTIG-036401	467	19	68	304	2
CONTIG-036402	119	10	3	36	0
CONTIG-036404	243	5	3	26	0
CONTIG-036405	418	13	22	145	0
CONTIG-036407	392	39	116	634	2
CONTIG-036408	217	19	14	187	0
CONTIG-036409	173	7	10	42	0
CONTIG-036410	158	62	53	378	0
CONTIG-036411	499	18	9	244	4
CONTIG-036412	158	15	21	41	0
CONTIG-036413	237	12	44	81	0
CONTIG-036414	93	5	8	13	0
CONTIG-036415	86	7	12	17	0
CONTIG-036416	356	4	2	46	0
CONTIG-036417	330	8	31	6	0
CONTIG-036418	575	28	5	0	116

CONTIG-036419	136	35	81	23	0
CONTIG-036420	86	10	25	0	0
CONTIG-036421	64	13	6	15	0
CONTIG-036422	62	8	8	10	0
CONTIG-036423	197	7	13	41	0
CONTIG-036424	80	3	8	10	0
CONTIG-036425	153	6	6	4	0
CONTIG-036426	178	7	2	45	0
CONTIG-036427	174	21	0	3	0
CONTIG-036428	64	13	24	0	0
CONTIG-036429	92	6	2	15	0
CONTIG-036430	78	9	2	35	0
CONTIG-036431	66	5	21	2	0
CONTIG-036432	193	7	5	42	0
CONTIG-036433	188	11	47	13	2
CONTIG-036434	183	67	85	626	0
CONTIG-036435	307	13	85	113	0
CONTIG-036436	179	26	46	68	0
CONTIG-036437	64	6	3	13	0
CONTIG-036438	86	6	7	6	0
CONTIG-036439	649	17	16	555	0
CONTIG-036440	106	11	14	19	0
CONTIG-036442	700	11	16	276	2
CONTIG-036443	346	23	10	38	0
CONTIG-036444	90	9	2	20	0
CONTIG-036445	90	10	51	5	0
CONTIG-036446	184	7	9	32	0
CONTIG-036447	74	4	17	4	0
CONTIG-036448	65	11	30	0	0
CONTIG-036449	121	7	7	24	0
CONTIG-036450	129	5	8	11	0
CONTIG-036451	236	45	46	474	2
CONTIG-036453	157	5	21	16	0
CONTIG-036454	62	15	38	0	0
CONTIG-036455	105	6	2	0	4
CONTIG-036456	82	8	0	26	0
CONTIG-036458	236	8	15	60	0
CONTIG-036459	92	8	5	3	0
CONTIG-036460	135	4	20	10	0
CONTIG-036461	92	4	7	6	0
CONTIG-036462	237	11	40	72	0
CONTIG-036463	152	7	0	39	0
CONTIG-036464	233	6	26	26	0
CONTIG-036472	53	287	105	203	0
CONTIG-036473	169	8	0	31	0
CONTIG-036474	243	7	22	47	0
CONTIG-036475	80	7	3	19	0

CONTIG-036480	262	27	36	224	2
CONTIG-036481	195	11	32	34	4
CONTIG-036482	76	12	30	0	0
CONTIG-036483	200	8	4	18	0
CONTIG-036484	281	10	28	107	0
CONTIG-036485	71	7	0	11	0
CONTIG-036486	195	14	4	133	0
CONTIG-036487	153	8	13	33	0
CONTIG-036488	85	7	20	6	0
CONTIG-036489	610	10	12	105	19
CONTIG-036490	215	13	41	31	2
CONTIG-036491	453	8	26	42	13
CONTIG-036492	419	13	85	139	4
CONTIG-036493	332	28	31	335	6
CONTIG-036494	142	10	8	31	0
CONTIG-036495	224	6	13	10	0
CONTIG-036496	185	33	17	20	0
CONTIG-036497	298	12	3	134	0
CONTIG-036498	733	17	47	208	4
CONTIG-036499	1692	19	59	1071	15
CONTIG-036500	211	21	38	147	0
CONTIG-036501	163	6	6	25	0
CONTIG-036502	99	5	11	10	0
CONTIG-036503	67	7	17	4	0
CONTIG-036504	371	9	43	72	0
CONTIG-036505	58	8	10	8	0
CONTIG-036506	226	10	82	50	0
CONTIG-036507	76	3	3	2	0
CONTIG-036508	146	8	3	15	0
CONTIG-036509	89	16	26	34	0
CONTIG-036510	106	3	2	7	0
CONTIG-036511	73	18	32	6	0
CONTIG-036513	526	10	47	212	2
CONTIG-036514	78	33	10	78	6
CONTIG-036515	100	7	10	12	0
CONTIG-036516	88	9	0	32	0
CONTIG-036517	151	12	5	75	0
CONTIG-036518	197	5	3	29	0
CONTIG-036519	79	10	65	6	0
CONTIG-036520	477	11	4	136	2
CONTIG-036521	82	6	27	2	0
CONTIG-036522	145	9	2	50	0
CONTIG-036527	209	7	8	73	0
CONTIG-036528	141	8	5	47	0
CONTIG-036529	225	15	71	124	0
CONTIG-036530	239	5	3	16	0
CONTIG-036532	180	9	17	58	2

CONTIG-036533	410	11	6	140	2
CONTIG-036534	607	14	54	186	2
CONTIG-036535	143	17	21	19	0
CONTIG-036537	281	17	59	169	0
CONTIG-036538	671	13	18	234	2
CONTIG-036540	84	4	5	13	0
CONTIG-036541	160	5	2	38	0
CONTIG-036542	268	19	25	170	0
CONTIG-036545	589	26	41	459	0
CONTIG-036546	320	17	28	80	0
CONTIG-036549	101	4	11	0	0
CONTIG-036550	214	12	20	79	0
CONTIG-036551	216	14	10	128	0
CONTIG-036556	300	14	16	176	0
CONTIG-036557	143	6	0	14	0
CONTIG-036558	259	7	8	42	0
CONTIG-036559	114	8	2	7	0
CONTIG-036560	118	5	2	7	0
CONTIG-036561	91	31	7	160	0
CONTIG-036562	82	46	12	118	15
CONTIG-036563	125	7	8	32	0
CONTIG-036564	289	33	55	359	0
CONTIG-036565	246	8	14	42	0
CONTIG-036566	273	8	98	14	0
CONTIG-036567	137	4	8	17	0
CONTIG-036568	111	7	3	6	0
CONTIG-036569	412	23	39	299	4
CONTIG-036570	64	8	3	10	0
CONTIG-036571	1245	24	68	1179	18
CONTIG-036572	237	10	13	113	0
CONTIG-036573	676	32	206	647	2
CONTIG-036574	464	15	26	255	2
CONTIG-036575	120	6	9	19	0
CONTIG-036576	232	14	32	59	2
CONTIG-036578	626	15	46	300	0
CONTIG-036579	84	13	30	5	0
CONTIG-036581	171	8	0	49	0
CONTIG-036582	122	10	12	46	0
CONTIG-036583	64	5	4	9	0
CONTIG-036585	234	6	42	22	0
CONTIG-036586	67	3	5	0	0
CONTIG-036587	65	3	3	4	0
CONTIG-036588	197	15	17	72	0
CONTIG-036589	102	10	21	26	0
CONTIG-036590	78	4	14	2	0
CONTIG-036591	136	9	12	18	0
CONTIG-036592	425	15	76	147	0

CONTIG-036593	103	6	7	17	0
CONTIG-036594	361	11	32	88	0
CONTIG-036595	36	521	60	571	0
CONTIG-036596	253	12	26	57	2
CONTIG-036597	116	5	5	23	0
CONTIG-036598	580	8	73	115	2
CONTIG-036599	585	10	19	118	0
CONTIG-036600	119	7	3	29	0
CONTIG-036601	301	6	4	39	0
CONTIG-036602	194	6	17	24	0
CONTIG-036603	266	20	32	154	2
CONTIG-036604	438	21	39	310	7
CONTIG-036605	66	6	0	0	0
CONTIG-036606	140	6	2	12	0
CONTIG-036607	210	9	23	53	0
CONTIG-036608	170	46	11	221	7
CONTIG-036609	159	8	13	44	0
CONTIG-036610	127	5	16	17	0
CONTIG-036611	111	9	13	41	0
CONTIG-036612	452	11	41	67	0
CONTIG-036613	37	30	0	28	0
CONTIG-036616	115	5	2	14	0
CONTIG-036619	222	6	0	41	0
CONTIG-036620	375	28	89	198	4
CONTIG-036621	225	7	32	45	0
CONTIG-036622	135	7	4	25	0
CONTIG-036623	93	11	12	2	0
CONTIG-036624	170	9	23	51	0
CONTIG-036625	411	7	26	86	0
CONTIG-036626	133	5	0	26	0
CONTIG-036627	98	12	28	31	0
CONTIG-036628	67	20	3	71	0
CONTIG-036629	357	8	59	51	0
CONTIG-036630	145	7	4	33	0
CONTIG-036632	158	5	5	32	0
CONTIG-036633	64	3	5	4	0
CONTIG-036634	103	8	5	26	0
CONTIG-036635	740	23	32	361	0
CONTIG-036636	82	4	7	7	0
CONTIG-036637	115	8	4	26	0
CONTIG-036638	101	24	10	87	0
CONTIG-036639	196	10	23	46	0
CONTIG-036640	92	11	41	0	0
CONTIG-036641	285	11	7	72	2
CONTIG-036642	102	5	5	16	0
CONTIG-036643	148	18	62	88	0
CONTIG-036644	183	17	106	49	0

CONTIG-036645	76	5	3	5	0
CONTIG-036646	104	18	10	43	0
CONTIG-036647	82	6	4	17	0
CONTIG-036648	63	8	9	4	0
CONTIG-036649	280	11	17	87	0
CONTIG-036650	71	5	9	2	0
CONTIG-036651	225	20	5	121	0
CONTIG-036652	428	49	15	1300	0
CONTIG-036656	71	12	13	0	0
CONTIG-036657	131	10	27	30	0
CONTIG-036658	212	5	9	2	0
CONTIG-036659	43	369	54	249	44
CONTIG-036660	40	607	42	421	16
CONTIG-036661	62	8	17	2	0
CONTIG-036666	79	8	13	16	0
CONTIG-036667	133	7	21	8	0
CONTIG-036668	130	4	16	4	0
CONTIG-036669	187	6	12	19	0
CONTIG-036670	157	7	40	31	0
CONTIG-036672	59	28	102	19	0
CONTIG-036673	458	10	55	64	0
CONTIG-036675	136	4	15	9	0
CONTIG-036676	542	12	30	232	2
CONTIG-036677	170	12	13	33	0
CONTIG-036678	146	6	0	21	0
CONTIG-036679	115	17	7	81	0
CONTIG-036680	189	6	10	39	0
CONTIG-036681	267	20	65	127	2
CONTIG-036682	67	6	7	2	0
CONTIG-036691	577	51	72	1818	0
CONTIG-036692	361	12	87	142	0
CONTIG-036693	108	18	42	40	0
CONTIG-036694	101	13	5	40	0
CONTIG-036697	66	9	5	15	0
CONTIG-036698	504	6	10	79	0
CONTIG-036699	155	7	12	26	0
CONTIG-036700	804	18	48	680	0
CONTIG-036701	947	28	69	1581	2
CONTIG-036702	68	4	0	4	0
CONTIG-036703	46	18	10	6	0
CONTIG-036704	68	6	0	10	0
CONTIG-036705	120	10	5	21	0
CONTIG-036706	309	113	28	103	0
CONTIG-036707	169	12	63	10	4
CONTIG-036708	321	29	77	195	0
CONTIG-036709	230	9	27	82	0
CONTIG-036710	158	11	64	52	0

CONTIG-036711	112	23	74	8	0
CONTIG-036712	97	8	8	6	0
CONTIG-036713	71	6	4	11	0
CONTIG-036714	58	287	94	312	25
CONTIG-036715	144	6	3	33	0
CONTIG-036717	348	37	157	460	18
CONTIG-036720	518	11	84	94	2
CONTIG-036721	97	8	0	0	6
CONTIG-036722	262	13	36	86	0
CONTIG-036723	427	11	44	156	0
CONTIG-036724	157	12	28	2	0
CONTIG-036725	191	18	17	132	0
CONTIG-036726	455	7	13	49	6
CONTIG-036727	346	9	18	116	0
CONTIG-036728	130	10	8	35	0
CONTIG-036731	122	16	39	25	0
CONTIG-036732	229	8	17	30	3
CONTIG-036733	618	11	56	209	4
CONTIG-036734	96	5	17	11	0
CONTIG-036735	257	7	39	51	0
CONTIG-036736	176	10	25	32	0
CONTIG-036737	304	26	29	129	24
CONTIG-036739	151	10	41	49	0
CONTIG-036740	91	10	4	47	0
CONTIG-036741	157	5	0	32	0
CONTIG-036746	125	6	3	22	0
CONTIG-036747	136	14	50	59	0
CONTIG-036748	672	42	21	1409	4
CONTIG-036754	183	8	15	50	0
CONTIG-036755	59	3	3	0	0
CONTIG-036756	359	9	12	80	0
CONTIG-036757	66	79	0	112	0
CONTIG-036759	118	7	10	18	0
CONTIG-036760	117	5	40	0	0
CONTIG-036761	406	11	16	153	2
CONTIG-036762	62	9	26	0	0
CONTIG-036770	66	4	0	8	0
CONTIG-036771	125	4	10	6	0
CONTIG-036772	462	10	13	112	0
CONTIG-036773	226	35	11	260	2
CONTIG-036774	143	6	3	16	0
CONTIG-036776	74	6	0	14	0
CONTIG-036778	163	7	7	40	0
CONTIG-036779	122	12	59	36	0
CONTIG-036780	134	9	9	47	2
CONTIG-036781	110	8	9	23	0
CONTIG-036782	110	24	18	84	0

CONTIG-036783	857	11	6	43	0
CONTIG-036784	363	10	19	66	0
CONTIG-036785	93	3	3	0	0
CONTIG-036786	246	12	13	74	0
CONTIG-036787	309	13	24	123	6
CONTIG-036788	718	30	91	581	6
CONTIG-036789	117	5	10	13	0
CONTIG-036790	140	9	12	35	0
CONTIG-036791	1210	71	67	5446	2
CONTIG-036793	198	13	12	78	0
CONTIG-036794	329	6	5	44	0
CONTIG-036795	131	15	28	34	0
CONTIG-036796	68	14	0	31	0
CONTIG-036797	463	10	24	216	0
CONTIG-036798	100	13	15	0	2
CONTIG-036799	65	6	2	9	0
CONTIG-036801	1587	26	36	1323	6
CONTIG-036802	246	6	20	41	0
CONTIG-036803	348	11	2	193	0
CONTIG-036804	240	9	13	66	2
CONTIG-036805	130	8	6	21	0
CONTIG-036806	947	29	39	893	39
CONTIG-036807	662	16	78	256	3
CONTIG-036808	210	11	12	54	0
CONTIG-036810	51	47	18	54	0
CONTIG-036811	74	4	4	0	0
CONTIG-036812	295	15	13	154	0
CONTIG-036813	137	5	4	15	0
CONTIG-036814	212	34	28	25	0
CONTIG-036815	430	11	20	179	0
CONTIG-036816	567	8	13	95	10
CONTIG-036817	99	5	3	11	0
CONTIG-036818	167	22	58	150	0
CONTIG-036819	185	4	9	10	0
CONTIG-036820	61	8	11	7	0
CONTIG-036821	189	18	7	117	2
CONTIG-036822	72	19	23	19	0
CONTIG-036823	234	9	16	12	0
CONTIG-036824	291	7	38	17	4
CONTIG-036825	211	12	10	83	0
CONTIG-036826	594	18	78	377	0
CONTIG-036827	139	8	26	18	0
CONTIG-036828	63	104	23	212	3
CONTIG-036829	96	12	9	46	0
CONTIG-036830	77	15	31	28	0
CONTIG-036831	153	4	6	11	0
CONTIG-036832	1108	16	58	909	0

CONTIG-036833	139	9	15	34	0
CONTIG-036834	452	24	66	138	58
CONTIG-036835	79	3	4	4	0
CONTIG-036836	328	20	106	212	2
CONTIG-036837	193	7	4	18	0
CONTIG-036838	171	4	5	11	0
CONTIG-036839	70	5	5	2	0
CONTIG-036840	156	8	25	30	0
CONTIG-036841	78	7	5	19	0
CONTIG-036850	58	4	12	0	2
CONTIG-036851	67	15	6	22	0
CONTIG-036853	246	17	23	13	0
CONTIG-036854	107	9	4	8	0
CONTIG-036856	177	13	20	59	0
CONTIG-036857	154	4	6	12	0
CONTIG-036858	120	4	4	14	0
CONTIG-036860	50	236	51	338	23
CONTIG-036865	212	6	0	45	0
CONTIG-036866	76	30	18	68	0
CONTIG-036867	201	81	23	474	19
CONTIG-036868	495	14	6	367	0
CONTIG-036869	154	5	2	21	0
CONTIG-036870	97	4	11	7	2
CONTIG-036871	234	4	0	8	0
CONTIG-036872	41	622	38	461	0
CONTIG-036873	72	17	19	28	0
CONTIG-036874	118	11	15	17	0
CONTIG-036875	65	7	7	14	0
CONTIG-036876	65	3	2	7	0
CONTIG-036884	39	652	46	561	52
CONTIG-036885	129	4	12	6	0
CONTIG-036888	135	7	4	31	0
CONTIG-036889	261	7	6	49	0
CONTIG-036890	153	112	57	639	33
CONTIG-036892	111	14	9	43	0
CONTIG-036893	125	18	58	44	0
CONTIG-036894	450	26	41	258	6
CONTIG-036895	95	15	28	11	0
CONTIG-036896	355	15	14	258	0
CONTIG-036897	78	12	27	21	0
CONTIG-036898	200	13	32	48	2
CONTIG-036900	81	3	7	2	0
CONTIG-036902	67	6	3	4	0
CONTIG-036903	60	16	29	0	0
CONTIG-036904	110	8	5	31	0
CONTIG-036905	153	16	67	69	0
CONTIG-036906	139	4	2	9	0

CONTIG-036907	175	10	25	17	2
CONTIG-036908	121	8	0	25	0
CONTIG-036909	358	10	18	153	0
CONTIG-036910	153	25	63	10	0
CONTIG-036911	97	6	6	11	0
CONTIG-036912	643	12	53	205	7
CONTIG-036913	78	7	2	2	0
CONTIG-036914	58	3	2	2	0
CONTIG-036915	90	11	13	18	0
CONTIG-036916	78	12	7	37	0
CONTIG-036917	636	27	43	762	0
CONTIG-036918	93	34	75	114	0
CONTIG-036919	172	62	54	473	4
CONTIG-036920	268	13	9	75	4
CONTIG-036921	146	7	0	23	3
CONTIG-036929	366	14	22	93	4
CONTIG-036930	119	6	7	9	0
CONTIG-036932	72	8	3	19	0
CONTIG-036933	60	4	5	8	0
CONTIG-036934	149	13	69	34	0
CONTIG-036935	92	6	15	15	0
CONTIG-036936	76	404	30	41	1156
CONTIG-036937	209	6	0	24	0
CONTIG-036938	289	5	20	28	0
CONTIG-036939	417	54	42	1087	0
CONTIG-036940	416	7	47	48	0
CONTIG-036944	60	6	15	9	0
CONTIG-036945	290	12	9	146	3
CONTIG-036946	155	31	41	105	2
CONTIG-036947	247	7	20	23	0
CONTIG-036948	253	8	12	34	0
CONTIG-036949	130	10	17	47	0
CONTIG-036950	280	7	24	52	0
CONTIG-036951	125	4	11	9	0
CONTIG-036952	131	6	5	12	0
CONTIG-036953	343	11	41	56	9
CONTIG-036955	632	17	0	572	0
CONTIG-036956	91	7	3	10	0
CONTIG-036958	153	4	4	8	0
CONTIG-036959	86	5	12	6	0
CONTIG-036960	187	31	36	275	0
CONTIG-036961	163	11	38	43	2
CONTIG-036962	240	9	27	47	0
CONTIG-036963	120	31	13	0	0
CONTIG-036964	49	22	26	32	0
CONTIG-036965	136	15	5	41	0
CONTIG-036966	65	6	28	2	0

CONTIG-036967	62	7	28	0	0
CONTIG-036968	147	6	8	21	0
CONTIG-036969	295	11	4	106	0
CONTIG-036970	103	4	5	13	0
CONTIG-036972	58	4	4	2	0
CONTIG-036973	171	8	2	38	0
CONTIG-036974	60	5	9	4	0
CONTIG-036975	179	10	37	36	0
CONTIG-036976	93	3	2	2	0
CONTIG-036977	89	8	5	31	0
CONTIG-036978	221	10	25	57	0
CONTIG-036979	371	10	38	118	0
CONTIG-036981	204	63	6	568	4
CONTIG-036982	1462	69	19	10	2
CONTIG-036983	257	13	30	100	0
CONTIG-036984	83	16	28	26	0
CONTIG-036985	247	21	33	139	4
CONTIG-036986	441	13	51	179	0
CONTIG-036987	442	13	35	227	0
CONTIG-036988	115	4	0	8	0
CONTIG-036989	180	5	4	25	0
CONTIG-036990	180	8	3	48	0
CONTIG-036991	286	5	5	39	0
CONTIG-036992	74	28	10	51	0
CONTIG-036993	96	8	0	32	0
CONTIG-036994	60	87	44	67	0
CONTIG-036995	226	32	67	155	0
CONTIG-036996	75	7	0	18	0
CONTIG-036997	128	5	12	10	0
CONTIG-036998	233	12	6	29	0
CONTIG-036999	68	6	34	0	0
CONTIG-037000	1613	21	9	1786	0
CONTIG-037001	296	11	44	77	0
CONTIG-037002	722	22	55	410	17
CONTIG-037004	94	7	13	8	0
CONTIG-037005	281	9	0	11	0
CONTIG-037006	216	6	6	36	0
CONTIG-037007	67	6	8	5	0
CONTIG-037008	67	2	8	2	0
CONTIG-037009	93	7	7	4	0
CONTIG-037010	262	10	23	95	0
CONTIG-037011	188	23	55	114	0
CONTIG-037012	48	35	20	13	0
CONTIG-037013	429	12	53	187	6
CONTIG-037014	170	36	57	134	0
CONTIG-037015	178	9	0	48	2
CONTIG-037016	243	12	20	39	2

CONTIG-037017	143	11	25	67	0
CONTIG-037018	41	29	4	38	0
CONTIG-037019	253	8	7	77	0
CONTIG-037021	316	14	16	74	0
CONTIG-037022	116	9	2	35	0
CONTIG-037023	83	6	15	4	0
CONTIG-037024	74	6	15	16	0
CONTIG-037026	79	5	3	9	0
CONTIG-037027	306	7	16	81	0
CONTIG-037028	89	7	15	11	0
CONTIG-037029	102	5	11	11	0
CONTIG-037030	85	8	18	20	0
CONTIG-037031	123	8	25	22	0
CONTIG-037032	432	9	21	106	4
CONTIG-037033	77	4	3	8	0
CONTIG-037034	67	3	3	0	0
CONTIG-037035	110	17	29	44	2
CONTIG-037036	396	47	68	787	2
CONTIG-037037	76	8	20	11	0
CONTIG-037040	80	6	8	0	0
CONTIG-037041	291	17	42	70	10
CONTIG-037042	137	6	3	16	0
CONTIG-037044	105	9	5	29	0
CONTIG-037045	58	14	8	0	0
CONTIG-037046	178	6	25	18	2
CONTIG-037048	612	12	29	112	0
CONTIG-037049	119	6	7	20	0
CONTIG-037055	62	8	3	14	0
CONTIG-037057	107	17	91	22	0
CONTIG-037058	126	9	5	20	0
CONTIG-037062	59	7	4	12	0
CONTIG-037063	782	14	33	232	0
CONTIG-037064	100	7	19	14	0
CONTIG-037068	70	15	0	5	0
CONTIG-037070	93	12	4	55	0
CONTIG-037071	141	7	15	30	0
CONTIG-037072	279	24	13	375	0
CONTIG-037073	498	24	105	390	0
CONTIG-037075	59	48	77	65	0
CONTIG-037081	174	5	12	35	0
CONTIG-037082	59	21	5	0	0
CONTIG-037083	149	6	0	30	0
CONTIG-037084	128	6	9	15	0
CONTIG-037085	62	12	53	0	0
CONTIG-037086	94	6	29	10	0
CONTIG-037087	95	6	34	0	0
CONTIG-037088	190	24	9	136	8

CONTIG-037090	75	50	23	83	6
CONTIG-037091	45	63	29	40	0
CONTIG-037092	121	9	0	36	0
CONTIG-037093	99	9	13	15	0
CONTIG-037094	73	5	26	0	0
CONTIG-037095	187	12	13	53	0
CONTIG-037096	113	5	4	10	0
CONTIG-037097	302	7	20	81	0
CONTIG-037098	65	12	29	27	0
CONTIG-037099	204	10	12	56	0
CONTIG-037100	172	10	9	22	0
CONTIG-037101	167	13	9	107	0
CONTIG-037103	172	13	3	51	2
CONTIG-037104	741	41	92	923	58
CONTIG-037105	103	4	6	5	0
CONTIG-037106	77	4	3	0	0
CONTIG-037107	276	26	17	160	5
CONTIG-037108	185	8	8	52	0
CONTIG-037109	175	13	11	100	0
CONTIG-037110	179	13	13	75	2
CONTIG-037112	129	11	24	50	0
CONTIG-037113	156	15	9	59	0
CONTIG-037114	402	13	53	174	0
CONTIG-037115	76	8	7	21	0
CONTIG-037116	106	7	14	22	0
CONTIG-037117	261	11	5	102	0
CONTIG-037118	84	6	28	3	0
CONTIG-037119	171	10	6	35	3
CONTIG-037120	287	14	6	171	2
CONTIG-037123	139	6	7	29	0
CONTIG-037124	513	34	45	836	10
CONTIG-037125	267	15	31	118	0
CONTIG-037126	206	10	4	59	4
CONTIG-037127	79	4	3	0	0
CONTIG-037128	179	11	21	84	0
CONTIG-037130	153	4	6	16	0
CONTIG-037131	368	21	70	149	5
CONTIG-037132	419	8	22	74	0
CONTIG-037133	99	17	22	60	0
CONTIG-037134	47	23	29	29	0
CONTIG-037135	102	7	0	26	0
CONTIG-037136	106	10	2	27	0
CONTIG-037137	66	13	13	23	0
CONTIG-037138	98	6	19	9	0
CONTIG-037139	239	14	34	64	0
CONTIG-037140	220	8	17	47	0
CONTIG-037141	79	12	13	25	0

CONTIG-037142	369	32	53	368	10
CONTIG-037143	310	6	9	67	0
CONTIG-037144	58	7	6	16	0
CONTIG-037145	67	3	7	0	0
CONTIG-037146	86	9	23	18	0
CONTIG-037147	282	9	18	65	0
CONTIG-037148	199	32	79	89	2
CONTIG-037149	101	3	5	5	0
CONTIG-037154	203	9	5	30	0
CONTIG-037155	58	3	6	0	0
CONTIG-037156	138	14	13	2	0
CONTIG-037157	58	3	2	4	0
CONTIG-037160	110	6	12	22	0
CONTIG-037161	68	7	2	9	0
CONTIG-037163	225	10	15	79	0
CONTIG-037168	124	3	7	5	0
CONTIG-037169	206	18	10	179	0
CONTIG-037171	437	16	25	220	2
CONTIG-037174	192	7	6	23	0
CONTIG-037175	311	10	2	81	0
CONTIG-037176	86	16	15	52	0
CONTIG-037177	569	10	53	153	2
CONTIG-037178	69	4	2	9	0
CONTIG-037179	167	9	93	27	0
CONTIG-037180	671	18	47	400	2
CONTIG-037181	125	17	145	14	0
CONTIG-037182	101	14	54	7	0
CONTIG-037183	60	3	3	4	0
CONTIG-037184	86	4	3	0	0
CONTIG-037185	102	10	6	22	0
CONTIG-037186	287	5	10	22	0
CONTIG-037187	118	10	48	12	0
CONTIG-037188	69	4	3	4	0
CONTIG-037189	577	92	10	0	548
CONTIG-037190	835	20	58	518	13
CONTIG-037191	413	8	24	126	0
CONTIG-037192	89	4	0	4	0
CONTIG-037193	197	7	6	28	0
CONTIG-037194	850	19	87	468	2
CONTIG-037195	88	19	193	0	0
CONTIG-037196	71	10	10	3	2
CONTIG-037197	99	5	12	4	0
CONTIG-037199	316	11	0	0	0
CONTIG-037201	87	16	2	31	0
CONTIG-037202	288	4	7	27	0
CONTIG-037203	146	20	50	36	0
CONTIG-037204	108	9	11	20	0

CONTIG-037205	93	10	56	20	0
CONTIG-037206	125	7	6	21	0
CONTIG-037207	61	4	2	2	0
CONTIG-037208	121	5	0	15	0
CONTIG-037209	127	12	60	49	0
CONTIG-037210	116	7	8	27	0
CONTIG-037211	89	9	42	3	0
CONTIG-037212	86	15	11	0	0
CONTIG-037213	194	9	48	54	0
CONTIG-037214	196	11	17	84	2
CONTIG-037215	120	17	28	64	0
CONTIG-037216	63	3	5	0	0
CONTIG-037217	369	8	52	77	0
CONTIG-037219	225	9	10	59	0
CONTIG-037220	213	12	12	79	0
CONTIG-037221	76	10	13	18	0
CONTIG-037222	100	8	3	20	0
CONTIG-037223	619	9	41	191	2
CONTIG-037224	94	16	8	46	0
CONTIG-037225	282	16	72	121	0
CONTIG-037226	434	8	29	86	0
CONTIG-037227	73	6	7	13	0
CONTIG-037229	114	11	13	9	0
CONTIG-037230	134	179	5	0	0
CONTIG-037231	415	17	51	205	0
CONTIG-037232	126	9	2	34	0
CONTIG-037233	222	14	38	58	0
CONTIG-037234	160	39	116	76	2
CONTIG-037235	515	17	137	215	0
CONTIG-037236	81	12	0	32	0
CONTIG-037237	66	37	4	116	0
CONTIG-037238	72	5	3	14	0
CONTIG-037239	59	7	7	4	2
CONTIG-037240	262	13	19	103	0
CONTIG-037241	124	13	39	28	2
CONTIG-037245	144	5	2	15	0
CONTIG-037246	238	17	19	177	0
CONTIG-037247	310	20	63	154	4
CONTIG-037249	110	11	15	34	0
CONTIG-037250	613	10	13	117	8
CONTIG-037251	103	16	65	26	0
CONTIG-037252	61	7	10	14	0
CONTIG-037253	587	9	37	101	15
CONTIG-037254	217	12	40	34	2
CONTIG-037255	249	36	75	327	4
CONTIG-037256	73	17	19	25	0
CONTIG-037257	117	6	8	18	0

CONTIG-037258	117	16	35	42	0
CONTIG-037260	409	20	29	383	0
CONTIG-037261	80	33	55	39	0
CONTIG-037262	145	7	10	21	0
CONTIG-037263	362	17	88	2	4
CONTIG-037264	156	4	10	20	0
CONTIG-037265	73	21	18	37	0
CONTIG-037266	73	9	14	16	0
CONTIG-037267	94	5	13	4	0
CONTIG-037268	585	17	27	15	0
CONTIG-037269	188	10	16	23	2
CONTIG-037270	91	5	25	4	0
CONTIG-037271	101	299	32	0	0
CONTIG-037274	1601	21	42	59	2
CONTIG-037275	233	13	7	87	2
CONTIG-037283	115	9	6	11	0
CONTIG-037284	82	11	2	14	0
CONTIG-037285	73	17	12	21	0
CONTIG-037286	359	8	13	74	0
CONTIG-037287	104	25	8	133	0
CONTIG-037288	142	7	9	46	0
CONTIG-037289	91	13	17	17	0
CONTIG-037291	148	14	11	46	3
CONTIG-037292	1591	49	7	2	760
CONTIG-037293	77	2	5	2	0
CONTIG-037294	81	14	40	16	0
CONTIG-037295	355	29	67	168	10
CONTIG-037296	101	8	6	0	4
CONTIG-037297	255	9	2	104	0
CONTIG-037298	177	11	8	60	0
CONTIG-037299	67	7	0	13	0
CONTIG-037300	129	7	3	26	0
CONTIG-037301	225	17	34	137	0
CONTIG-037302	132	12	19	61	0
CONTIG-037303	248	37	53	127	0
CONTIG-037304	550	7	5	92	0
CONTIG-037305	194	19	55	72	2
CONTIG-037306	108	56	62	228	0
CONTIG-037307	133	7	7	24	2
CONTIG-037308	125	6	12	21	0
CONTIG-037309	183	13	8	102	0
CONTIG-037310	326	7	16	16	6
CONTIG-037311	52	6	7	4	0
CONTIG-037312	203	9	19	38	0
CONTIG-037313	548	11	14	317	0
CONTIG-037314	136	10	39	38	0
CONTIG-037315	121	2	5	2	0

CONTIG-037316	118	6	4	9	0
CONTIG-037317	88	6	22	6	0
CONTIG-037320	63	5	7	5	0
CONTIG-037321	214	12	20	54	2
CONTIG-037322	322	9	17	15	0
CONTIG-037323	172	10	26	49	0
CONTIG-037324	64	22	31	52	0
CONTIG-037325	344	7	13	63	0
CONTIG-037326	67	20	13	61	0
CONTIG-037327	304	12	15	39	2
CONTIG-037328	169	86	176	450	0
CONTIG-037329	99	20	13	0	0
CONTIG-037336	234	9	11	40	0
CONTIG-037337	140	13	15	0	4
CONTIG-037339	69	10	63	4	0
CONTIG-037340	62	6	6	6	0
CONTIG-037341	143	15	54	31	2
CONTIG-037342	90	8	28	0	0
CONTIG-037343	674	12	32	323	8
CONTIG-037344	335	11	63	94	0
CONTIG-037345	94	4	7	0	0
CONTIG-037346	123	8	5	18	0
CONTIG-037347	65	3	0	4	0
CONTIG-037348	129	6	3	16	0
CONTIG-037349	96	13	14	0	0
CONTIG-037351	52	30	0	83	0
CONTIG-037352	117	6	8	5	0
CONTIG-037353	179	31	21	284	0
CONTIG-037354	152	6	33	16	0
CONTIG-037355	426	17	15	152	8
CONTIG-037356	485	48	109	521	21
CONTIG-037357	200	11	4	53	0
CONTIG-037359	163	10	16	18	0
CONTIG-037363	221	8	7	56	0
CONTIG-037364	54	143	20	146	85
CONTIG-037365	63	166	78	21	0
CONTIG-037366	142	9	36	26	0
CONTIG-037367	62	2	0	0	0
CONTIG-037368	405	14	64	129	0
CONTIG-037369	130	6	53	6	0
CONTIG-037370	150	17	35	80	2
CONTIG-037371	100	4	7	0	0
CONTIG-037372	316	8	19	36	0
CONTIG-037373	60	4	9	4	0
CONTIG-037374	255	5	7	8	0
CONTIG-037377	209	24	92	112	2
CONTIG-037379	66	76	32	28	0

CONTIG-037380	79	4	3	6	0
CONTIG-037381	318	7	13	70	0
CONTIG-037382	104	6	11	0	0
CONTIG-037383	141	4	3	16	0
CONTIG-037384	72	5	0	2	0
CONTIG-037385	64	5	2	11	0
CONTIG-037386	581	17	21	351	0
CONTIG-037388	189	5	5	22	0
CONTIG-037389	176	8	12	5	0
CONTIG-037390	206	28	117	160	0
CONTIG-037391	377	19	41	255	0
CONTIG-037399	102	12	8	26	5
CONTIG-037400	88	11	18	30	0
CONTIG-037401	127	12	13	22	2
CONTIG-037402	142	4	21	0	0
CONTIG-037403	125	7	9	6	0
CONTIG-037404	81	14	21	18	2
CONTIG-037406	66	4	6	2	0
CONTIG-037407	264	8	15	73	0
CONTIG-037408	135	7	2	21	0
CONTIG-037409	67	5	17	2	0
CONTIG-037410	306	24	47	309	0
CONTIG-037411	104	13	23	0	0
CONTIG-037412	75	85	60	323	0
CONTIG-037413	165	18	13	56	6
CONTIG-037414	402	19	88	342	0
CONTIG-037415	157	19	61	43	0
CONTIG-037416	197	9	160	5	0
CONTIG-037417	205	9	3	100	0
CONTIG-037418	126	5	2	12	0
CONTIG-037419	155	31	52	181	0
CONTIG-037420	240	10	15	72	0
CONTIG-037421	126	14	5	77	0
CONTIG-037422	63	5	4	8	0
CONTIG-037423	246	18	83	60	0
CONTIG-037424	171	5	6	23	0
CONTIG-037426	226	8	38	28	2
CONTIG-037427	130	5	5	3	0
CONTIG-037429	244	7	16	25	0
CONTIG-037430	103	6	30	2	0
CONTIG-037431	303	13	72	107	0
CONTIG-037432	435	54	2	0	183
CONTIG-037433	69	4	6	2	0
CONTIG-037436	183	7	39	11	0
CONTIG-037437	364	22	69	320	0
CONTIG-037438	96	14	32	23	2
CONTIG-037441	248	14	9	91	0

CONTIG-037442	225	9	12	48	0
CONTIG-037443	247	8	8	71	0
CONTIG-037444	92	5	11	7	0
CONTIG-037445	129	9	2	41	0
CONTIG-037446	122	7	0	6	0
CONTIG-037447	266	10	2	145	0
CONTIG-037448	190	11	16	57	0
CONTIG-037449	71	5	5	0	0
CONTIG-037450	208	15	13	74	2
CONTIG-037451	445	12	64	202	0
CONTIG-037452	63	13	16	26	0
CONTIG-037453	154	5	6	20	0
CONTIG-037454	111	14	4	69	0
CONTIG-037456	487	11	27	49	0
CONTIG-037457	206	165	111	1471	25
CONTIG-037458	64	5	2	11	0
CONTIG-037459	74	8	22	2	0
CONTIG-037460	96	25	56	110	0
CONTIG-037461	342	9	21	86	0
CONTIG-037462	64	7	18	12	0
CONTIG-037464	525	24	10	510	13
CONTIG-037465	94	13	5	72	0
CONTIG-037466	723	22	47	711	0
CONTIG-037467	234	15	65	89	0
CONTIG-037468	111	5	11	13	0
CONTIG-037469	109	18	24	63	0
CONTIG-037470	122	8	12	9	0
CONTIG-037473	114	6	2	14	0
CONTIG-037474	388	14	34	133	0
CONTIG-037475	96	9	2	25	0
CONTIG-037476	74	25	30	0	0
CONTIG-037477	103	9	5	18	0
CONTIG-037478	68	14	60	6	0
CONTIG-037480	78	8	17	5	0
CONTIG-037481	73	9	29	11	0
CONTIG-037482	82	10	7	28	0
CONTIG-037483	81	445	78	691	16
CONTIG-037484	218	16	44	76	2
CONTIG-037485	72	6	5	3	2
CONTIG-037486	64	5	19	2	0
CONTIG-037487	150	13	15	81	0
CONTIG-037488	336	19	22	167	0
CONTIG-037489	186	4	7	28	0
CONTIG-037490	149	15	35	3	0
CONTIG-037494	126	6	2	19	0
CONTIG-037495	78	11	23	14	0
CONTIG-037496	374	12	13	132	0

CONTIG-037497	182	13	21	88	0
CONTIG-037498	482	11	10	86	0
CONTIG-037499	68	9	8	2	0
CONTIG-037500	70	12	2	0	0
CONTIG-037501	140	7	5	18	0
CONTIG-037502	249	7	2	49	0
CONTIG-037503	63	20	17	47	0
CONTIG-037504	69	7	4	6	0
CONTIG-037505	73	5	2	15	0
CONTIG-037506	65	4	5	8	0
CONTIG-037507	359	13	59	173	0
CONTIG-037508	309	56	67	723	0
CONTIG-037509	370	18	10	304	0
CONTIG-037510	213	21	85	162	0
CONTIG-037511	153	5	6	16	0
CONTIG-037512	69	9	4	8	0
CONTIG-037515	125	5	9	21	0
CONTIG-037516	69	12	2	41	0
CONTIG-037517	270	11	8	92	0
CONTIG-037518	127	5	10	6	0
CONTIG-037519	165	27	22	199	0
CONTIG-037522	61	4	12	4	0
CONTIG-037523	478	33	19	598	0
CONTIG-037524	205	6	10	8	0
CONTIG-037525	394	7	14	74	0
CONTIG-037526	110	14	55	22	0
CONTIG-037527	103	5	12	16	0
CONTIG-037528	131	9	11	22	2
CONTIG-037529	63	5	9	10	0
CONTIG-037530	63	5	2	12	2
CONTIG-037531	329	9	32	31	4
CONTIG-037533	172	5	0	12	0
CONTIG-037535	56	20	0	62	0
CONTIG-037536	311	12	8	188	0
CONTIG-037537	108	25	22	115	0
CONTIG-037538	76	5	5	10	0
CONTIG-037540	463	20	10	362	8
CONTIG-037541	495	11	12	181	0
CONTIG-037542	106	7	27	3	0
CONTIG-037543	135	20	0	0	8
CONTIG-037544	134	6	12	6	0
CONTIG-037545	515	38	5	5	0
CONTIG-037546	669	10	39	279	0
CONTIG-037547	267	38	44	499	8
CONTIG-037548	197	4	4	29	0
CONTIG-037549	118	4	4	12	2
CONTIG-037550	89	8	2	25	0

CONTIG-037551	108	5	0	17	0
CONTIG-037552	272	11	17	90	0
CONTIG-037553	212	104	90	690	4
CONTIG-037554	244	14	30	92	0
CONTIG-037555	77	12	14	10	0
CONTIG-037559	167	6	6	28	0
CONTIG-037560	236	6	8	20	0
CONTIG-037561	364	7	17	79	0
CONTIG-037562	277	6	5	27	0
CONTIG-037563	98	9	17	2	0
CONTIG-037564	98	8	4	27	0
CONTIG-037565	301	32	23	394	2
CONTIG-037566	84	9	12	10	0
CONTIG-037567	64	7	6	9	0
CONTIG-037568	241	20	19	121	0
CONTIG-037569	242	10	19	89	0
CONTIG-037570	85	19	6	46	0
CONTIG-037571	181	12	29	9	12
CONTIG-037572	439	14	8	138	0
CONTIG-037573	73	5	9	14	0
CONTIG-037575	236	19	4	0	20
CONTIG-037576	62	9	10	13	0
CONTIG-037577	89	5	0	8	0
CONTIG-037578	111	6	8	3	0
CONTIG-037579	276	13	30	90	0
CONTIG-037580	89	13	0	44	0
CONTIG-037581	93	27	56	114	0
CONTIG-037583	331	15	15	142	4
CONTIG-037584	517	11	25	209	2
CONTIG-037585	112	249	35	1166	9
CONTIG-037586	72	4	3	2	0
CONTIG-037587	157	16	12	22	0
CONTIG-037588	92	16	20	67	0
CONTIG-037589	247	10	13	58	2
CONTIG-037591	58	5	4	7	0
CONTIG-037592	131	18	13	52	2
CONTIG-037593	119	12	16	44	0
CONTIG-037594	158	11	13	50	2
CONTIG-037595	205	7	15	33	0
CONTIG-037596	301	13	14	128	0
CONTIG-037597	106	7	19	20	0
CONTIG-037598	449	13	60	195	0
CONTIG-037599	88	4	3	2	0
CONTIG-037600	91	7	2	0	0
CONTIG-037601	450	32	4	0	148
CONTIG-037602	65	78	15	308	0
CONTIG-037603	67	209	2	822	0

CONTIG-037604	291	18	31	224	0
CONTIG-037605	390	20	31	254	2
CONTIG-037606	96	5	0	11	0
CONTIG-037607	212	10	67	60	0
CONTIG-037610	123	14	29	55	0
CONTIG-037611	122	9	5	2	0
CONTIG-037612	136	10	11	34	0
CONTIG-037613	147	11	9	61	0
CONTIG-037614	141	9	31	39	0
CONTIG-037615	118	4	0	11	0
CONTIG-037616	184	12	31	55	0
CONTIG-037617	329	8	18	68	0
CONTIG-037618	233	11	9	89	0
CONTIG-037619	610	8	38	109	2
CONTIG-037620	159	13	7	46	0
CONTIG-037621	87	6	0	17	0
CONTIG-037622	864	26	83	1304	2
CONTIG-037623	81	3	8	2	0
CONTIG-037624	616	9	38	141	0
CONTIG-037625	149	12	14	51	0
CONTIG-037626	180	31	78	220	2
CONTIG-037627	380	8	14	52	0
CONTIG-037628	59	2	0	2	0
CONTIG-037629	225	13	29	125	0
CONTIG-037630	403	9	18	104	0
CONTIG-037632	222	10	20	63	2
CONTIG-037633	118	14	2	59	0
CONTIG-037634	171	17	10	64	0
CONTIG-037635	293	18	38	197	0
CONTIG-037636	416	7	14	57	0
CONTIG-037637	100	5	2	4	0
CONTIG-037638	156	9	4	35	2
CONTIG-037639	75	3	7	4	0
CONTIG-037640	336	16	48	123	2
CONTIG-037641	162	22	30	131	0
CONTIG-037642	44	135	29	99	4
CONTIG-037643	59	3	4	2	0
CONTIG-037644	199	7	19	2	0
CONTIG-037645	184	5	17	31	0
CONTIG-037646	84	8	19	9	0
CONTIG-037647	62	6	16	2	0
CONTIG-037652	327	19	9	228	0
CONTIG-037653	92	4	2	2	0
CONTIG-037654	843	14	4	0	54
CONTIG-037655	79	3	2	9	0
CONTIG-037656	74	48	0	165	0
CONTIG-037657	501	30	50	773	2

CONTIG-037658	75	7	2	28	0
CONTIG-037659	60	3	4	4	0
CONTIG-037660	70	2	0	4	0
CONTIG-037661	58	3	2	6	0
CONTIG-037662	116	8	27	0	0
CONTIG-037663	85	5	11	9	0
CONTIG-037664	530	9	2	116	0
CONTIG-037665	39	57	0	88	0
CONTIG-037667	107	86	15	522	0
CONTIG-037668	230	8	6	54	2
CONTIG-037670	74	5	4	17	0
CONTIG-037671	210	7	9	31	0
CONTIG-037672	324	13	8	121	2
CONTIG-037673	162	13	18	57	3
CONTIG-037674	88	11	10	29	0
CONTIG-037675	159	6	2	26	0
CONTIG-037676	552	112	302	3434	0
CONTIG-037677	79	7	22	0	0
CONTIG-037678	181	6	13	21	0
CONTIG-037679	414	15	23	172	0
CONTIG-037680	351	16	4	31	0
CONTIG-037681	136	11	51	32	0
CONTIG-037682	45	782	109	590	205
CONTIG-037683	337	14	22	120	0
CONTIG-037684	167	21	54	95	0
CONTIG-037685	87	7	15	16	0
CONTIG-037686	105	4	12	5	0
CONTIG-037687	73	13	2	10	0
CONTIG-037689	203	13	58	25	0
CONTIG-037690	485	85	225	2182	7
CONTIG-037691	173	10	32	25	0
CONTIG-037692	465	17	48	368	0
CONTIG-037693	113	11	11	32	0
CONTIG-037696	80	22	7	30	0
CONTIG-037698	143	8	10	8	0
CONTIG-037699	82	12	9	0	0
CONTIG-037700	288	9	25	32	0
CONTIG-037701	511	9	11	106	0
CONTIG-037702	111	63	109	122	0
CONTIG-037703	88	6	0	14	0
CONTIG-037704	125	12	19	22	0
CONTIG-037705	69	6	13	5	0
CONTIG-037709	414	22	78	337	2
CONTIG-037710	207	9	22	51	0
CONTIG-037711	90	5	6	2	0
CONTIG-037712	335	15	35	210	0
CONTIG-037713	74	6	2	0	0

CONTIG-037714	373	11	15	110	0
CONTIG-037715	216	9	24	26	0
CONTIG-037716	101	4	5	10	0
CONTIG-037717	68	7	4	0	0
CONTIG-037718	66	16	16	50	0
CONTIG-037719	135	57	36	210	2
CONTIG-037720	62	5	0	0	0
CONTIG-037721	181	13	24	43	2
CONTIG-037724	202	9	38	41	0
CONTIG-037725	91	7	0	7	0
CONTIG-037726	88	5	15	0	0
CONTIG-037727	137	10	7	15	0
CONTIG-037728	1987	45	103	5029	0
CONTIG-037729	62	6	7	3	0
CONTIG-037730	213	14	36	72	0
CONTIG-037731	110	9	9	33	0
CONTIG-037732	128	4	8	15	0
CONTIG-037733	161	8	11	36	0
CONTIG-037734	88	12	17	14	0
CONTIG-037735	117	6	4	0	0
CONTIG-037736	150	9	0	15	0
CONTIG-037737	62	10	6	21	0
CONTIG-037738	155	35	26	31	16
CONTIG-037739	83	5	8	12	0
CONTIG-037740	233	7	13	44	2
CONTIG-037741	135	5	7	20	0
CONTIG-037742	106	7	21	5	0
CONTIG-037743	93	29	118	4	0
CONTIG-037744	426	18	14	63	0
CONTIG-037747	86	10	2	0	2
CONTIG-037748	206	15	7	101	0
CONTIG-037749	298	15	42	193	0
CONTIG-037750	288	11	25	78	4
CONTIG-037751	105	12	26	8	2
CONTIG-037752	217	20	40	198	0
CONTIG-037753	673	16	25	343	0
CONTIG-037754	100	16	87	7	0
CONTIG-037755	216	6	8	7	0
CONTIG-037756	150	20	13	103	0
CONTIG-037757	153	7	9	16	0
CONTIG-037758	104	8	9	0	0
CONTIG-037759	75	6	15	4	0
CONTIG-037760	73	5	2	4	0
CONTIG-037761	197	8	19	39	0
CONTIG-037762	247	11	4	104	0
CONTIG-037763	115	6	13	12	0
CONTIG-037764	139	5	4	24	0

CONTIG-037765	269	37	64	362	2
CONTIG-037766	377	9	0	156	0
CONTIG-037767	126	13	6	21	0
CONTIG-037768	134	18	19	79	0
CONTIG-037769	447	24	10	217	0
CONTIG-037770	153	8	25	2	0
CONTIG-037771	311	15	19	244	0
CONTIG-037772	113	3	8	4	0
CONTIG-037773	385	7	34	85	0
CONTIG-037774	269	13	28	42	0
CONTIG-037775	73	6	22	9	0
CONTIG-037776	871	121	21	5993	2
CONTIG-037777	231	6	5	45	0
CONTIG-037779	103	17	16	9	0
CONTIG-037780	90	83	95	134	2
CONTIG-037781	86	8	16	23	0
CONTIG-037782	260	5	13	23	4
CONTIG-037783	203	5	28	6	0
CONTIG-037784	443	9	33	68	4
CONTIG-037785	243	12	23	86	2
CONTIG-037786	65	6	6	4	0
CONTIG-037787	61	10	66	0	0
CONTIG-037788	157	12	7	3	0
CONTIG-037791	108	14	39	33	0
CONTIG-037792	104	9	2	19	0
CONTIG-037796	63	9	11	0	0
CONTIG-037797	68	3	3	2	0
CONTIG-037798	151	4	3	10	0
CONTIG-037799	64	11	21	19	0
CONTIG-037800	523	22	77	330	0
CONTIG-037801	177	8	4	43	0
CONTIG-037802	310	7	5	23	2
CONTIG-037803	210	39	24	76	0
CONTIG-037804	300	16	87	131	0
CONTIG-037805	87	5	39	0	0
CONTIG-037806	87	4	2	0	0
CONTIG-037807	73	14	33	26	0
CONTIG-037808	212	20	29	151	2
CONTIG-037809	75	6	6	13	0
CONTIG-037810	233	5	2	44	0
CONTIG-037811	71	10	13	10	0
CONTIG-037812	164	5	3	10	0
CONTIG-037814	71	9	10	18	0
CONTIG-037815	72	4	2	8	0
CONTIG-037816	80	18	88	0	0
CONTIG-037817	258	9	15	61	0
CONTIG-037818	104	5	3	20	0

CONTIG-037820	82	6	4	8	0
CONTIG-037821	160	8	21	19	0
CONTIG-037822	381	22	16	225	3
CONTIG-037823	164	10	4	46	0
CONTIG-037824	249	9	18	104	0
CONTIG-037825	299	13	23	179	0
CONTIG-037826	170	7	28	18	0
CONTIG-037827	102	5	2	15	0
CONTIG-037828	87	8	7	28	0
CONTIG-037829	102	19	18	76	0
CONTIG-037830	327	21	4	17	0
CONTIG-037831	127	7	11	29	0
CONTIG-037832	145	8	39	7	0
CONTIG-037833	153	10	29	31	2
CONTIG-037834	66	10	2	27	0
CONTIG-037835	43	177	18	90	0
CONTIG-037836	204	13	4	91	2
CONTIG-037837	72	8	8	17	0
CONTIG-037838	217	21	12	174	0
CONTIG-037839	936	25	75	1097	0
CONTIG-037840	321	14	30	192	2
CONTIG-037841	324	150	73	2	693
CONTIG-037843	72	4	11	6	0
CONTIG-037844	143	4	30	0	0
CONTIG-037845	81	324	19	1245	0
CONTIG-037846	236	8	33	43	0
CONTIG-037851	369	12	50	149	0
CONTIG-037852	216	8	16	49	0
CONTIG-037853	67	4	3	11	0
CONTIG-037854	72	9	5	23	0
CONTIG-037855	107	10	5	48	0
CONTIG-037856	72	449	39	718	0
CONTIG-037864	78	9	4	22	0
CONTIG-037865	322	24	26	227	7
CONTIG-037866	325	12	12	149	2
CONTIG-037867	71	4	4	0	0
CONTIG-037868	107	29	0	60	0
CONTIG-037869	431	11	64	110	0
CONTIG-037870	130	6	33	23	0
CONTIG-037871	292	8	16	71	0
CONTIG-037872	133	896	3	3	491
CONTIG-037873	194	9	17	35	0
CONTIG-037874	532	5	56	35	2
CONTIG-037875	189	5	2	42	0
CONTIG-037876	534	72	187	1400	0
CONTIG-037877	152	9	34	31	0
CONTIG-037879	172	11	19	59	0

CONTIG-037880	366	9	5	120	0
CONTIG-037881	67	8	0	2	0
CONTIG-037882	72	7	11	3	0
CONTIG-037883	81	13	30	14	0
CONTIG-037884	44	7	7	6	0
CONTIG-037885	144	10	50	36	0
CONTIG-037886	63	3	0	6	0
CONTIG-037887	118	5	6	13	0
CONTIG-037888	78	9	14	14	0
CONTIG-037889	166	8	16	44	0
CONTIG-037890	1106	18	38	754	6
CONTIG-037891	115	14	11	56	0
CONTIG-037892	105	18	50	0	0
CONTIG-037893	76	2	0	0	0
CONTIG-037894	404	13	28	235	0
CONTIG-037895	333	12	28	143	0
CONTIG-037896	656	13	57	334	2
CONTIG-037897	150	8	10	14	0
CONTIG-037898	856	14	36	219	4
CONTIG-037902	176	8	82	22	0
CONTIG-037904	236	9	6	47	0
CONTIG-037905	214	8	58	39	0
CONTIG-037907	126	8	12	16	0
CONTIG-037908	175	13	4	56	2
CONTIG-037909	90	3	2	2	0
CONTIG-037910	113	6	6	30	0
CONTIG-037911	148	6	4	34	0
CONTIG-037912	59	4	4	7	0
CONTIG-037913	275	50	12	278	8
CONTIG-037916	115	7	3	28	0
CONTIG-037918	68	8	15	12	0
CONTIG-037919	77	7	3	22	0
CONTIG-037920	95	9	42	8	0
CONTIG-037921	434	8	40	115	0
CONTIG-037922	206	10	54	64	0
CONTIG-037924	490	36	104	441	6
CONTIG-037925	79	12	2	33	0
CONTIG-037926	737	16	0	6	0
CONTIG-037927	708	10	19	232	0
CONTIG-037928	64	6	0	15	0
CONTIG-037929	107	7	10	23	0
CONTIG-037930	68	2	4	2	0
CONTIG-037931	59	6	20	0	0
CONTIG-037932	136	30	15	108	8
CONTIG-037934	64	12	28	24	0
CONTIG-037935	84	9	19	7	0
CONTIG-037936	305	18	10	286	0

CONTIG-037937	262	10	7	126	0
CONTIG-037938	285	7	24	66	0
CONTIG-037939	208	15	4	5	0
CONTIG-037940	421	12	11	11	0
CONTIG-037941	461	11	76	173	0
CONTIG-037942	71	10	57	0	0
CONTIG-037943	284	29	167	146	17
CONTIG-037944	202	18	20	170	0
CONTIG-037945	891	19	35	926	0
CONTIG-037946	395	6	11	66	0
CONTIG-037947	123	5	9	12	0
CONTIG-037948	62	7	0	0	0
CONTIG-037949	476	10	49	142	4
CONTIG-037950	117	608	37	149	0
CONTIG-037951	176	9	15	45	0
CONTIG-037952	179	9	6	35	0
CONTIG-037955	300	44	121	582	0
CONTIG-037956	158	9	23	37	0
CONTIG-037957	191	9	17	58	0
CONTIG-037958	146	18	23	76	0
CONTIG-037963	60	8	2	15	0
CONTIG-037964	653	12	16	202	0
CONTIG-037965	64	4	5	12	0
CONTIG-037966	73	4	2	10	0
CONTIG-037967	100	10	16	42	0
CONTIG-037968	239	16	116	112	0
CONTIG-037969	332	16	18	184	0
CONTIG-037970	278	873	44	3	5049
CONTIG-037972	383	24	29	389	7
CONTIG-037973	168	7	9	35	0
CONTIG-037974	209	7	2	42	0
CONTIG-037975	271	11	25	55	0
CONTIG-037978	148	7	5	15	0
CONTIG-037979	101	5	2	7	0
CONTIG-037980	124	8	2	38	0
CONTIG-037981	68	3	2	3	0
CONTIG-037982	141	8	18	37	0
CONTIG-037983	89	7	21	2	0
CONTIG-037984	157	5	8	12	0
CONTIG-037985	243	8	14	47	0
CONTIG-037986	74	3	3	4	0
CONTIG-037987	451	10	13	134	0
CONTIG-037988	525	14	23	170	0
CONTIG-037989	64	5	2	10	2
CONTIG-037991	123	11	12	33	2
CONTIG-037992	435	26	162	458	0
CONTIG-037993	88	8	36	10	0

CONTIG-037994	58	105	4	89	4
CONTIG-037996	184	12	11	67	0
CONTIG-037998	216	7	19	29	0
CONTIG-038000	216	7	20	37	0
CONTIG-038001	274	7	10	49	0
CONTIG-038002	279	8	18	35	0
CONTIG-038003	153	11	0	27	0
CONTIG-038004	349	24	43	317	4
CONTIG-038005	90	5	2	0	2
CONTIG-038006	262	7	21	44	2
CONTIG-038007	63	5	7	7	0
CONTIG-038008	88	12	5	5	0
CONTIG-038009	192	89	87	877	0
CONTIG-038020	95	14	18	55	0
CONTIG-038021	58	19	19	29	0
CONTIG-038022	447	16	23	303	0
CONTIG-038023	321	33	2	466	2
CONTIG-038024	93	4	2	14	0
CONTIG-038025	163	10	21	31	0
CONTIG-038026	158	13	16	60	0
CONTIG-038027	818	10	4	0	42
CONTIG-038036	135	5	18	10	0
CONTIG-038037	257	8	4	106	0
CONTIG-038039	472	40	83	796	0
CONTIG-038040	396	10	39	97	2
CONTIG-038041	107	6	9	6	0
CONTIG-038043	229	6	16	24	0
CONTIG-038044	149	43	34	193	0
CONTIG-038045	1571	20	61	423	66
CONTIG-038046	44	46	8	24	0
CONTIG-038047	187	8	55	28	0
CONTIG-038054	119	8	55	0	0
CONTIG-038055	60	4	4	0	0
CONTIG-038056	290	9	44	14	0
CONTIG-038057	95	19	29	8	0
CONTIG-038058	70	7	0	19	0
CONTIG-038059	357	32	80	191	8
CONTIG-038060	187	8	8	37	0
CONTIG-038061	128	5	3	14	0
CONTIG-038062	75	6	16	0	0
CONTIG-038063	113	13	19	19	0
CONTIG-038064	155	12	7	36	0
CONTIG-038065	177	16	33	83	2
CONTIG-038066	107	10	15	32	0
CONTIG-038067	182	8	13	51	0
CONTIG-038068	69	6	5	6	0
CONTIG-038076	253	17	17	165	0

CONTIG-038077	615	21	45	476	2
CONTIG-038078	208	17	91	74	0
CONTIG-038081	355	15	30	174	0
CONTIG-038082	195	82	0	0	119
CONTIG-038083	312	8	25	66	2
CONTIG-038084	73	5	0	7	0
CONTIG-038085	75	3	2	7	0
CONTIG-038086	104	17	12	16	0
CONTIG-038087	263	7	13	50	0
CONTIG-038088	152	8	7	34	0
CONTIG-038089	97	6	0	21	0
CONTIG-038092	295	9	20	42	0
CONTIG-038093	1001	13	25	469	2
CONTIG-038094	326	11	55	104	0
CONTIG-038095	123	6	5	20	0
CONTIG-038096	108	6	10	17	0
CONTIG-038097	179	10	35	54	2
CONTIG-038098	136	5	5	12	0
CONTIG-038099	516	7	3	12	0
CONTIG-038100	210	10	12	68	0
CONTIG-038101	480	21	47	247	2
CONTIG-038102	689	18	19	69	0
CONTIG-038103	166	25	17	18	0
CONTIG-038104	125	3	2	10	0
CONTIG-038105	102	7	22	2	0
CONTIG-038107	374	17	28	218	0
CONTIG-038108	78	7	0	19	0
CONTIG-038109	509	30	123	287	2
CONTIG-038110	617	31	86	722	4
CONTIG-038111	135	9	7	59	0
CONTIG-038113	665	21	92	465	4
CONTIG-038114	249	7	4	53	0
CONTIG-038117	209	15	17	133	2
CONTIG-038118	79	4	8	10	0
CONTIG-038119	348	8	4	40	0
CONTIG-038120	122	8	12	11	0
CONTIG-038122	59	13	30	2	0
CONTIG-038123	81	3	0	2	0
CONTIG-038124	122	5	3	8	0
CONTIG-038128	851	17	18	50	0
CONTIG-038129	88	12	22	13	0
CONTIG-038130	102	4	5	15	0
CONTIG-038131	74	14	49	2	0
CONTIG-038132	159	13	2	46	4
CONTIG-038133	108	5	10	0	0
CONTIG-038134	353	12	25	109	2
CONTIG-038135	674	13	11	252	8

CONTIG-038136	138	4	9	13	0
CONTIG-038137	401	50	109	420	96
CONTIG-038138	88	5	4	0	0
CONTIG-038139	223	11	0	90	0
CONTIG-038140	250	15	31	87	0
CONTIG-038141	175	13	41	71	2
CONTIG-038142	62	7	0	9	0
CONTIG-038143	327	9	37	86	0
CONTIG-038145	72	7	13	2	0
CONTIG-038146	77	8	2	34	0
CONTIG-038147	74	8	33	5	0
CONTIG-038148	73	6	0	15	0
CONTIG-038149	63	3	0	2	2
CONTIG-038151	92	10	14	29	0
CONTIG-038155	88	11	10	35	0
CONTIG-038160	147	8	10	34	2
CONTIG-038161	100	16	22	16	0
CONTIG-038162	59	27	24	25	0
CONTIG-038163	206	7	6	11	0
CONTIG-038164	258	7	10	32	0
CONTIG-038165	812	22	0	0	129
CONTIG-038167	215	16	40	97	2
CONTIG-038168	113	6	0	5	0
CONTIG-038169	366	8	45	59	2
CONTIG-038170	244	12	12	159	0
CONTIG-038171	116	4	7	8	0
CONTIG-038172	69	9	56	2	0
CONTIG-038173	338	11	48	115	0
CONTIG-038174	271	11	41	65	0
CONTIG-038178	418	11	11	125	0
CONTIG-038179	669	11	14	4	0
CONTIG-038180	89	11	0	14	5
CONTIG-038182	115	12	5	45	0
CONTIG-038183	289	6	35	41	2
CONTIG-038184	141	14	27	32	0
CONTIG-038185	169	9	8	4	0
CONTIG-038186	212	9	25	44	0
CONTIG-038187	287	16	44	94	2
CONTIG-038188	63	4	2	2	0
CONTIG-038189	273	11	38	77	0
CONTIG-038190	217	23	32	137	0
CONTIG-038191	339	14	15	115	2
CONTIG-038192	405	68	15	12	0
CONTIG-038193	152	9	3	17	0
CONTIG-038194	90	6	2	15	0
CONTIG-038195	479	11	30	211	0
CONTIG-038196	281	11	42	65	2

CONTIG-038197	406	26	74	575	0
CONTIG-038198	308	14	25	143	0
CONTIG-038199	105	25	46	59	0
CONTIG-038200	205	12	14	100	2
CONTIG-038201	95	7	5	11	0
CONTIG-038202	72	3	8	5	0
CONTIG-038203	86	9	7	25	0
CONTIG-038204	1446	25	2	0	535
CONTIG-038205	157	11	2	39	0
CONTIG-038211	100	35	31	137	0
CONTIG-038218	84	14	29	36	0
CONTIG-038219	60	4	4	4	0
CONTIG-038220	81	18	56	0	0
CONTIG-038225	85	6	0	7	0
CONTIG-038226	152	7	15	27	0
CONTIG-038227	252	12	65	70	0
CONTIG-038228	237	6	16	20	0
CONTIG-038229	355	6	5	52	2
CONTIG-038230	98	8	2	21	0
CONTIG-038231	84	7	14	17	0
CONTIG-038232	146	7	8	8	0
CONTIG-038233	66	6	3	9	0
CONTIG-038234	262	30	24	338	4
CONTIG-038235	99	8	7	28	0
CONTIG-038236	63	9	50	0	0
CONTIG-038237	65	5	0	4	0
CONTIG-038238	284	11	9	147	0
CONTIG-038239	156	25	38	120	4
CONTIG-038240	1321	21	0	0	135
CONTIG-038242	60	3	6	0	0
CONTIG-038243	144	14	59	40	0
CONTIG-038246	126	6	24	9	2
CONTIG-038247	242	13	0	24	0
CONTIG-038249	226	10	9	59	4
CONTIG-038250	58	5	0	2	0
CONTIG-038251	68	10	2	11	0
CONTIG-038252	76	4	2	9	0
CONTIG-038253	236	9	5	48	0
CONTIG-038254	184	11	35	60	0
CONTIG-038255	129	13	8	60	0
CONTIG-038256	190	28	95	194	0
CONTIG-038257	542	12	19	232	0
CONTIG-038258	173	6	2	23	0
CONTIG-038259	76	9	6	20	0
CONTIG-038260	200	9	16	51	2
CONTIG-038261	350	14	97	180	4
CONTIG-038262	119	5	4	6	0

CONTIG-038263	178	16	21	111	0
CONTIG-038264	41	34	0	42	0
CONTIG-038265	101	5	22	2	0
CONTIG-038266	364	40	50	92	0
CONTIG-038267	73	4	10	3	0
CONTIG-038268	234	21	44	127	0
CONTIG-038269	198	14	14	90	0
CONTIG-038270	60	3	2	4	0
CONTIG-038271	210	8	5	0	0
CONTIG-038272	281	64	179	859	0
CONTIG-038273	76	5	3	12	0
CONTIG-038274	86	8	14	17	2
CONTIG-038275	70	5	3	12	0
CONTIG-038276	195	7	16	27	0
CONTIG-038278	295	10	13	57	0
CONTIG-038279	91	4	3	8	0
CONTIG-038284	44	14	2	20	0
CONTIG-038285	226	15	21	122	0
CONTIG-038286	61	4	4	8	0
CONTIG-038288	255	15	33	159	0
CONTIG-038289	175	11	14	74	0
CONTIG-038290	62	27	39	14	10
CONTIG-038291	185	12	14	64	0
CONTIG-038292	117	47	15	298	0
CONTIG-038293	62	4	7	0	0
CONTIG-038294	94	6	5	0	0
CONTIG-038295	127	5	9	21	0
CONTIG-038296	373	15	51	141	0
CONTIG-038297	176	60	29	369	5
CONTIG-038298	495	11	7	175	2
CONTIG-038299	160	9	11	18	0
CONTIG-038300	98	4	16	4	0
CONTIG-038301	71	10	21	28	0
CONTIG-038302	149	65	14	0	74
CONTIG-038303	106	5	7	16	0
CONTIG-038304	108	7	8	21	0
CONTIG-038305	144	13	17	63	0
CONTIG-038306	103	6	11	6	0
CONTIG-038307	96	13	5	39	0
CONTIG-038308	304	6	3	84	0
CONTIG-038309	108	7	11	0	2
CONTIG-038310	90	4	10	6	0
CONTIG-038311	249	29	67	247	0
CONTIG-038312	141	6	12	25	0
CONTIG-038313	116	7	0	25	0
CONTIG-038314	136	6	10	16	0
CONTIG-038315	61	32	2	25	0

CONTIG-038316	183	6	20	11	0
CONTIG-038318	214	5	10	32	0
CONTIG-038319	234	5	8	5	2
CONTIG-038320	124	5	7	21	0
CONTIG-038321	66	45	13	111	0
CONTIG-038322	131	42	31	51	0
CONTIG-038323	408	11	7	96	0
CONTIG-038324	118	15	34	68	0
CONTIG-038325	575	23	50	333	16
CONTIG-038326	448	11	24	141	0
CONTIG-038327	106	9	32	17	2
CONTIG-038331	65	5	8	3	0
CONTIG-038335	119	5	4	24	0
CONTIG-038336	395	16	35	194	0
CONTIG-038337	59	9	27	10	0
CONTIG-038338	134	3	2	9	0
CONTIG-038339	408	18	7	145	0
CONTIG-038340	107	3	0	6	0
CONTIG-038341	815	92	69	4872	0
CONTIG-038342	122	11	19	34	0
CONTIG-038343	74	3	5	9	0
CONTIG-038344	188	13	47	61	0
CONTIG-038345	199	17	13	166	0
CONTIG-038346	247	10	10	86	0
CONTIG-038348	78	9	16	0	0
CONTIG-038350	174	47	13	371	0
CONTIG-038351	81	7	3	16	0
CONTIG-038352	194	7	0	52	0
CONTIG-038353	657	23	42	786	0
CONTIG-038354	84	13	36	17	0
CONTIG-038355	149	14	20	56	0
CONTIG-038356	267	11	33	83	0
CONTIG-038358	110	6	2	11	0
CONTIG-038359	265	9	56	72	0
CONTIG-038360	464	11	38	167	0
CONTIG-038361	65	8	4	7	2
CONTIG-038362	647	11	9	190	0
CONTIG-038363	337	7	19	86	0
CONTIG-038369	58	22	10	16	0
CONTIG-038370	138	9	4	26	0
CONTIG-038371	323	12	15	115	0
CONTIG-038372	69	4	2	8	0
CONTIG-038373	71	43	11	48	0
CONTIG-038374	607	11	12	84	0
CONTIG-038375	195	25	6	107	0
CONTIG-038376	68	3	4	4	0
CONTIG-038384	214	6	23	44	0

CONTIG-038385	68	5	3	7	0
CONTIG-038386	70	10	29	2	0
CONTIG-038387	207	12	3	112	0
CONTIG-038388	64	5	4	0	0
CONTIG-038389	92	13	11	36	0
CONTIG-038390	151	7	0	27	2
CONTIG-038391	159	6	4	18	0
CONTIG-038392	45	6	0	10	0
CONTIG-038393	247	22	69	189	0
CONTIG-038394	89	4	8	0	0
CONTIG-038395	105	7	18	0	0
CONTIG-038396	654	15	35	383	2
CONTIG-038397	296	19	7	234	0
CONTIG-038398	595	24	19	316	51
CONTIG-038399	60	8	32	7	0
CONTIG-038400	385	9	25	92	0
CONTIG-038401	180	11	21	26	0
CONTIG-038402	869	21	24	978	0
CONTIG-038403	139	5	0	22	0
CONTIG-038404	165	6	6	27	0
CONTIG-038405	66	7	15	8	0
CONTIG-038406	191	10	17	49	0
CONTIG-038407	92	7	16	15	0
CONTIG-038408	465	15	34	110	5
CONTIG-038409	123	8	16	29	0
CONTIG-038410	181	15	56	32	0
CONTIG-038412	141	5	13	18	0
CONTIG-038413	85	6	0	11	0
CONTIG-038414	281	12	11	101	2
CONTIG-038415	227	16	50	152	0
CONTIG-038416	187	5	9	30	0
CONTIG-038417	62	8	10	15	0
CONTIG-038418	118	4	2	0	4
CONTIG-038419	41	7	3	8	0
CONTIG-038420	164	12	4	56	2
CONTIG-038421	645	10	18	171	2
CONTIG-038422	201	14	32	142	0
CONTIG-038423	60	9	9	8	0
CONTIG-038424	93	13	4	30	0
CONTIG-038425	870	31	126	1242	2
CONTIG-038431	167	11	23	24	0
CONTIG-038432	271	14	29	103	2
CONTIG-038433	218	27	67	141	4
CONTIG-038435	175	10	13	75	0
CONTIG-038436	104	9	13	40	0
CONTIG-038437	139	9	23	52	0
CONTIG-038438	80	6	8	6	0

CONTIG-038439	59	9	4	19	0
CONTIG-038440	141	4	17	2	0
CONTIG-038441	327	9	16	75	2
CONTIG-038442	396	20	25	164	4
CONTIG-038443	100	6	2	14	0
CONTIG-038445	166	9	18	72	0
CONTIG-038446	176	10	74	7	0
CONTIG-038447	459	13	74	106	0
CONTIG-038448	720	14	56	232	9
CONTIG-038449	124	7	0	34	0
CONTIG-038452	58	6	2	7	0
CONTIG-038453	224	16	0	64	2
CONTIG-038454	598	27	26	362	19
CONTIG-038455	456	23	99	283	0
CONTIG-038456	95	32	13	161	2
CONTIG-038457	127	6	2	12	0
CONTIG-038458	726	13	55	271	0
CONTIG-038459	163	8	6	32	0
CONTIG-038460	327	14	35	192	0
CONTIG-038462	583	14	45	280	2
CONTIG-038463	253	32	43	223	0
CONTIG-038473	186	6	6	38	0
CONTIG-038474	100	14	19	27	0
CONTIG-038475	139	6	3	26	0
CONTIG-038476	166	4	0	2	0
CONTIG-038477	146	14	11	75	0
CONTIG-038479	103	5	7	9	0
CONTIG-038480	92	4	4	6	0
CONTIG-038481	59	8	2	17	0
CONTIG-038482	87	7	10	24	0
CONTIG-038483	641	16	41	407	0
CONTIG-038484	687	46	18	1228	2
CONTIG-038485	129	9	11	33	0
CONTIG-038486	64	8	9	16	0
CONTIG-038487	130	24	72	125	0
CONTIG-038488	128	9	10	8	0
CONTIG-038489	111	5	12	18	0
CONTIG-038490	77	6	5	2	0
CONTIG-038491	224	17	26	154	0
CONTIG-038492	170	22	13	49	0
CONTIG-038493	113	6	41	14	0
CONTIG-038494	284	11	26	56	0
CONTIG-038496	68	8	5	7	0
CONTIG-038498	82	11	7	33	0
CONTIG-038499	84	3	2	6	0
CONTIG-038500	376	11	32	132	0
CONTIG-038502	82	8	17	11	0

CONTIG-038503	106	11	2	4	0
CONTIG-038504	152	28	33	116	5
CONTIG-038505	253	14	112	102	0
CONTIG-038506	308	8	20	90	0
CONTIG-038507	142	7	10	22	0
CONTIG-038508	98	4	5	10	0
CONTIG-038509	324	18	22	244	0
CONTIG-038510	61	10	30	4	0
CONTIG-038511	66	8	10	10	0
CONTIG-038512	127	7	2	30	0
CONTIG-038513	144	8	27	22	0
CONTIG-038514	210	8	19	33	0
CONTIG-038515	436	12	9	277	2
CONTIG-038516	95	7	7	24	0
CONTIG-038517	84	10	2	42	0
CONTIG-038518	285	17	32	177	0
CONTIG-038522	66	12	47	9	0
CONTIG-038523	194	13	115	28	0
CONTIG-038524	132	9	7	34	0
CONTIG-038525	78	7	10	14	0
CONTIG-038526	101	6	6	19	0
CONTIG-038528	179	10	0	32	0
CONTIG-038529	592	29	31	735	8
CONTIG-038530	293	12	47	64	2
CONTIG-038533	64	4	4	3	0
CONTIG-038535	89	22	21	22	0
CONTIG-038536	60	3	8	0	0
CONTIG-038537	85	9	12	17	0
CONTIG-038538	152	23	72	77	5
CONTIG-038541	67	4	7	2	0
CONTIG-038543	319	8	4	54	9
CONTIG-038544	122	6	7	18	0
CONTIG-038545	117	8	3	35	0
CONTIG-038546	124	2	0	4	0
CONTIG-038547	811	24	4	0	58
CONTIG-038548	100	9	3	32	0
CONTIG-038549	67	11	8	0	0
CONTIG-038550	193	5	15	18	0
CONTIG-038551	162	41	37	160	7
CONTIG-038552	217	8	10	40	0
CONTIG-038553	146	7	10	40	0
CONTIG-038554	193	11	5	68	0
CONTIG-038555	130	6	5	26	0
CONTIG-038556	78	9	15	24	0
CONTIG-038557	340	10	35	93	0
CONTIG-038558	93	5	2	12	0
CONTIG-038560	161	22	34	170	0

CONTIG-038561	72	7	4	19	0
CONTIG-038562	61	4	0	2	0
CONTIG-038563	703	49	169	2139	0
CONTIG-038564	101	8	4	12	0
CONTIG-038566	97	4	6	9	0
CONTIG-038567	60	2	3	2	0
CONTIG-038568	172	12	8	74	0
CONTIG-038569	130	4	2	14	0
CONTIG-038570	283	16	44	141	0
CONTIG-038571	383	19	73	188	0
CONTIG-038572	164	11	29	56	0
CONTIG-038573	75	11	7	37	0
CONTIG-038574	108	10	18	26	0
CONTIG-038575	65	7	2	14	0
CONTIG-038576	301	240	51	1400	0
CONTIG-038577	193	8	35	32	2
CONTIG-038578	66	11	19	0	0
CONTIG-038579	106	8	11	30	0
CONTIG-038580	132	21	142	57	0
CONTIG-038584	1079	14	99	217	0
CONTIG-038585	284	12	19	105	0
CONTIG-038586	1874	46	0	0	2
CONTIG-038587	97	5	14	6	0
CONTIG-038588	418	14	57	148	0
CONTIG-038589	209	10	18	57	2
CONTIG-038590	61	6	4	4	0
CONTIG-038591	66	4	2	2	0
CONTIG-038592	122	12	15	61	0
CONTIG-038593	394	27	65	259	6
CONTIG-038594	61	10	4	33	0
CONTIG-038598	58	11	34	0	0
CONTIG-038599	119	10	13	31	0
CONTIG-038600	62	10	0	29	0
CONTIG-038601	99	7	3	18	0
CONTIG-038602	92	3	0	2	0
CONTIG-038603	272	8	13	52	0
CONTIG-038604	67	4	0	6	0
CONTIG-038606	238	16	18	148	0
CONTIG-038607	65	5	0	11	0
CONTIG-038608	197	19	15	106	0
CONTIG-038609	63	2	0	4	0
CONTIG-038610	416	16	30	162	2
CONTIG-038611	61	9	32	7	0
CONTIG-038615	796	14	62	435	2
CONTIG-038616	197	10	39	69	0
CONTIG-038617	796	10	65	212	0
CONTIG-038618	100	17	26	63	0

CONTIG-038621	58	12	32	6	0
CONTIG-038622	351	20	61	242	0
CONTIG-038623	223	6	5	35	4
CONTIG-038624	36	329	10	12	129
CONTIG-038626	561	35	53	582	34
CONTIG-038627	263	8	15	52	0
CONTIG-038628	61	12	8	36	0
CONTIG-038630	93	16	30	34	2
CONTIG-038631	508	18	36	343	0
CONTIG-038632	78	7	3	7	0
CONTIG-038633	89	5	8	13	0
CONTIG-038635	201	12	44	61	0
CONTIG-038636	84	10	2	21	0
CONTIG-038637	153	16	45	82	0
CONTIG-038638	497	12	22	267	2
CONTIG-038641	62	6	0	8	0
CONTIG-038642	290	10	44	91	0
CONTIG-038643	121	5	6	20	0
CONTIG-038644	213	6	44	39	0
CONTIG-038645	184	6	10	16	0
CONTIG-038648	386	5	2	17	2
CONTIG-038649	483	9	20	99	0
CONTIG-038650	166	7	9	27	0
CONTIG-038651	217	11	66	31	0
CONTIG-038654	227	9	18	90	0
CONTIG-038655	95	9	4	20	0
CONTIG-038656	68	7	6	2	0
CONTIG-038657	70	8	10	11	0
CONTIG-038658	327	13	41	165	0
CONTIG-038659	122	6	15	7	0
CONTIG-038660	103	5	8	19	0
CONTIG-038661	270	8	8	66	0
CONTIG-038662	245	16	18	138	0
CONTIG-038663	212	10	28	43	0
CONTIG-038664	213	9	34	54	4
CONTIG-038673	126	4	2	9	0
CONTIG-038675	209	13	28	97	2
CONTIG-038676	263	9	13	84	0
CONTIG-038677	134	6	6	24	0
CONTIG-038678	192	13	134	60	0
CONTIG-038679	76	13	33	32	0
CONTIG-038680	72	6	29	3	0
CONTIG-038681	136	9	11	45	0
CONTIG-038690	495	58	250	629	8
CONTIG-038691	365	17	63	170	5
CONTIG-038692	346	10	12	141	0
CONTIG-038694	199	11	40	32	0

CONTIG-038695	925	14	81	320	0
CONTIG-038696	71	5	2	11	0
CONTIG-038697	373	11	10	117	0
CONTIG-038698	213	14	16	78	0
CONTIG-038699	90	5	2	4	0
CONTIG-038700	223	11	40	75	0
CONTIG-038701	87	7	10	18	0
CONTIG-038702	75	62	0	16	0
CONTIG-038703	92	35	2	19	0
CONTIG-038704	140	9	11	36	0
CONTIG-038705	208	13	24	129	0
CONTIG-038706	130	214	16	1086	154
CONTIG-038707	137	10	38	23	0
CONTIG-038709	206	54	58	450	20
CONTIG-038710	1224	27	54	843	45
CONTIG-038711	94	23	26	72	0
CONTIG-038712	2234	36	137	3652	22
CONTIG-038713	156	4	4	2	0
CONTIG-038714	221	30	24	349	0
CONTIG-038715	199	6	4	20	0
CONTIG-038716	236	8	4	37	2
CONTIG-038717	315	28	8	172	0
CONTIG-038718	66	3	2	0	0
CONTIG-038719	245	14	94	28	0
CONTIG-038720	244	6	33	43	0
CONTIG-038721	107	8	7	13	0
CONTIG-038723	155	10	16	17	0
CONTIG-038724	182	6	6	38	0
CONTIG-038725	102	6	2	2	0
CONTIG-038726	252	5	5	23	0
CONTIG-038727	159	21	6	146	0
CONTIG-038728	153	5	0	21	0
CONTIG-038729	129	10	13	6	0
CONTIG-038733	145	14	25	74	0
CONTIG-038734	160	21	98	93	0
CONTIG-038735	88	5	3	7	0
CONTIG-038736	148	9	15	36	0
CONTIG-038737	88	7	6	15	0
CONTIG-038738	139	9	7	16	0
CONTIG-038739	61	8	0	14	0
CONTIG-038740	75	4	2	2	0
CONTIG-038741	255	93	27	1502	0
CONTIG-038742	114	8	14	30	0
CONTIG-038743	113	12	11	9	0
CONTIG-038744	126	5	8	19	0
CONTIG-038745	173	8	12	37	0
CONTIG-038746	77	5	11	7	0

CONTIG-038748	162	41	100	134	3
CONTIG-038749	166	15	20	89	0
CONTIG-038750	160	32	25	248	5
CONTIG-038751	640	17	93	307	0
CONTIG-038752	64	4	4	7	0
CONTIG-038753	1045	18	84	602	6
CONTIG-038754	268	11	17	123	0
CONTIG-038755	108	6	11	18	0
CONTIG-038756	371	24	14	322	2
CONTIG-038759	337	12	2	181	0
CONTIG-038760	370	19	12	396	0
CONTIG-038761	235	15	14	103	0
CONTIG-038762	212	14	28	70	2
CONTIG-038763	64	24	15	33	0
CONTIG-038764	186	8	6	73	0
CONTIG-038765	91	4	2	2	0
CONTIG-038766	340	13	34	97	0
CONTIG-038767	301	8	4	42	0
CONTIG-038768	390	35	157	489	4
CONTIG-038769	155	8	0	5	0
CONTIG-038774	193	20	15	133	3
CONTIG-038775	78	9	7	17	0
CONTIG-038776	42	221	118	43	2
CONTIG-038777	445	6	49	58	0
CONTIG-038778	308	16	86	104	2
CONTIG-038779	327	9	22	98	2
CONTIG-038780	70	4	0	2	0
CONTIG-038781	72	5	10	12	0
CONTIG-038782	78	6	4	16	0
CONTIG-038783	563	16	50	149	20
CONTIG-038784	76	5	5	8	0
CONTIG-038785	76	6	5	16	0
CONTIG-038786	72	5	7	0	0
CONTIG-038787	86	137	57	294	24
CONTIG-038788	136	5	2	15	0
CONTIG-038789	352	13	27	104	0
CONTIG-038790	119	11	6	14	0
CONTIG-038791	116	11	7	29	0
CONTIG-038792	145	6	44	8	0
CONTIG-038793	124	10	16	49	0
CONTIG-038794	113	9	20	26	2
CONTIG-038795	100	12	46	7	0
CONTIG-038796	373	11	13	151	0
CONTIG-038797	90	3	3	5	0
CONTIG-038798	155	7	17	2	0
CONTIG-038799	102	10	2	20	0
CONTIG-038801	96	14	43	33	0

CONTIG-038802	109	4	2	11	0
CONTIG-038803	197	9	2	31	0
CONTIG-038804	149	11	3	60	0
CONTIG-038805	157	6	12	21	0
CONTIG-038806	107	7	11	2	0
CONTIG-038810	59	12	36	3	0
CONTIG-038816	104	13	28	22	2
CONTIG-038817	308	7	21	19	0
CONTIG-038818	242	23	0	0	43
CONTIG-038819	58	7	32	0	0
CONTIG-038822	134	5	5	2	0
CONTIG-038823	110	13	6	65	0
CONTIG-038824	379	13	139	106	0
CONTIG-038825	128	11	48	16	0
CONTIG-038826	710	239	86	0	0
CONTIG-038827	404	11	24	133	0
CONTIG-038828	572	11	11	181	0
CONTIG-038829	58	19	40	2	0
CONTIG-038830	575	20	66	442	0
CONTIG-038831	235	6	29	32	0
CONTIG-038832	181	8	0	32	0
CONTIG-038833	101	6	10	20	0
CONTIG-038834	88	12	17	40	0
CONTIG-038835	318	10	28	102	0
CONTIG-038836	65	5	5	11	0
CONTIG-038837	244	17	32	93	2
CONTIG-038838	164	22	11	77	0
CONTIG-038839	186	6	8	35	0
CONTIG-038840	128	5	10	16	0
CONTIG-038841	195	8	17	26	0
CONTIG-038842	307	5	11	48	0
CONTIG-038843	135	6	23	14	0
CONTIG-038844	172	65	42	166	0
CONTIG-038845	58	15	41	9	0
CONTIG-038846	446	15	32	199	4
CONTIG-038847	194	10	12	78	0
CONTIG-038848	144	6	4	27	0
CONTIG-038849	86	3	2	0	0
CONTIG-038850	415	6	12	68	0
CONTIG-038851	107	3	0	6	0
CONTIG-038852	84	6	39	3	0
CONTIG-038853	79	3	0	10	0
CONTIG-038854	41	20	2	7	0
CONTIG-038855	202	8	4	70	0
CONTIG-038856	277	14	33	172	2
CONTIG-038857	113	7	6	26	0
CONTIG-038858	186	5	7	14	0

CONTIG-038860	128	11	10	42	0
CONTIG-038861	115	6	7	20	0
CONTIG-038862	132	30	27	105	0
CONTIG-038863	797	31	93	340	44
CONTIG-038865	196	208	72	2516	0
CONTIG-038866	94	24	22	44	0
CONTIG-038867	214	14	14	148	0
CONTIG-038868	454	14	15	260	0
CONTIG-038869	984	17	2	0	27
CONTIG-038870	135	12	24	33	2
CONTIG-038871	399	9	23	148	0
CONTIG-038872	266	19	23	214	2
CONTIG-038873	130	7	5	14	2
CONTIG-038874	82	38	10	135	0
CONTIG-038875	77	3	0	3	0
CONTIG-038876	165	54	2	0	44
CONTIG-038877	305	18	32	207	0
CONTIG-038878	200	8	16	46	0
CONTIG-038879	44	7	5	10	0
CONTIG-038882	118	13	7	49	0
CONTIG-038883	93	27	0	107	0
CONTIG-038884	77	7	15	14	0
CONTIG-038885	111	17	15	67	2
CONTIG-038886	133	20	0	157	0
CONTIG-038887	79	4	2	12	0
CONTIG-038888	147	5	13	28	0
CONTIG-038889	114	22	11	0	0
CONTIG-038890	82	8	35	4	0
CONTIG-038892	324	31	78	399	2
CONTIG-038893	144	23	24	98	0
CONTIG-038894	60	17	65	0	0
CONTIG-038895	150	3	3	10	0
CONTIG-038896	280	6	18	58	0
CONTIG-038897	83	11	31	14	0
CONTIG-038898	75	6	0	9	0
CONTIG-038900	204	6	0	43	0
CONTIG-038901	186	4	9	21	0
CONTIG-038902	121	6	11	15	0
CONTIG-038903	104	14	55	47	0
CONTIG-038904	79	8	7	3	0
CONTIG-038905	165	9	7	53	0
CONTIG-038906	149	11	41	33	2
CONTIG-038907	60	18	11	34	0
CONTIG-038908	170	6	2	31	0
CONTIG-038909	87	5	7	8	0
CONTIG-038910	91	9	24	21	0
CONTIG-038911	214	9	2	37	0

CONTIG-038912	364	124	101	1526	250
CONTIG-038913	184	34	56	210	12
CONTIG-038914	89	6	4	24	0
CONTIG-038915	81	6	2	14	0
CONTIG-038917	109	2	2	2	0
CONTIG-038920	78	11	64	9	0
CONTIG-038921	127	6	7	19	2
CONTIG-038922	148	9	8	32	0
CONTIG-038923	307	14	10	172	0
CONTIG-038924	225	6	17	24	0
CONTIG-038925	225	6	2	26	0
CONTIG-038927	211	24	68	197	2
CONTIG-038928	76	5	2	14	0
CONTIG-038929	77	3	0	4	0
CONTIG-038930	355	8	2	44	0
CONTIG-038931	84	15	6	34	0
CONTIG-038932	132	17	5	112	0
CONTIG-038935	105	6	3	23	0
CONTIG-038936	203	9	12	56	0
CONTIG-038937	83	7	6	0	0
CONTIG-038938	347	14	35	51	6
CONTIG-038939	211	9	25	36	0
CONTIG-038940	193	18	60	68	0
CONTIG-038941	166	11	5	62	0
CONTIG-038942	81	13	21	2	0
CONTIG-038944	64	6	7	10	0
CONTIG-038945	63	15	10	21	0
CONTIG-038946	87	11	40	14	0
CONTIG-038947	423	44	201	873	0
CONTIG-038948	73	6	6	6	0
CONTIG-038950	82	12	6	31	0
CONTIG-038951	202	13	15	64	4
CONTIG-038952	79	6	12	5	0
CONTIG-038958	85	5	6	6	0
CONTIG-038959	324	9	17	84	0
CONTIG-038960	603	20	58	497	0
CONTIG-038968	171	7	17	21	0
CONTIG-038969	130	7	12	15	0
CONTIG-038970	98	8	6	12	0
CONTIG-038972	66	4	11	2	0
CONTIG-038973	88	6	5	23	0
CONTIG-038974	769	20	124	700	0
CONTIG-038977	119	15	23	49	0
CONTIG-038978	210	6	7	47	0
CONTIG-038979	157	4	3	0	0
CONTIG-038980	208	4	9	9	0
CONTIG-038981	93	15	58	30	0

CONTIG-038982	181	16	18	60	0
CONTIG-038983	97	7	8	3	0
CONTIG-038984	195	10	7	76	0
CONTIG-038985	208	10	11	70	0
CONTIG-038986	145	8	30	28	0
CONTIG-038987	104	11	4	6	0
CONTIG-038988	458	9	22	145	0
CONTIG-038989	109	8	6	36	0
CONTIG-038990	181	10	24	59	0
CONTIG-038991	330	8	25	67	0
CONTIG-038992	82	8	5	22	0
CONTIG-038993	246	19	20	234	0
CONTIG-038994	1193	14	54	544	6
CONTIG-038995	167	14	11	82	2
CONTIG-038996	923	13	70	613	0
CONTIG-038997	107	80	18	400	0
CONTIG-038998	319	14	22	173	0
CONTIG-038999	132	7	13	4	0
CONTIG-039000	80	11	49	8	0
CONTIG-039001	244	7	5	0	10
CONTIG-039002	387	18	34	268	0
CONTIG-039003	230	7	7	6	0
CONTIG-039004	160	6	3	20	0
CONTIG-039005	171	27	5	185	0
CONTIG-039007	66	8	13	17	0
CONTIG-039008	197	5	2	7	0
CONTIG-039009	183	6	0	48	0
CONTIG-039010	71	5	6	0	0
CONTIG-039011	136	10	2	13	0
CONTIG-039012	70	8	12	10	0
CONTIG-039013	206	8	37	19	0
CONTIG-039014	253	11	9	98	0
CONTIG-039015	109	6	8	21	0
CONTIG-039016	106	14	6	58	0
CONTIG-039017	61	4	4	6	0
CONTIG-039018	251	6	2	39	0
CONTIG-039019	62	33	103	0	0
CONTIG-039021	360	15	18	240	0
CONTIG-039022	384	49	73	789	2
CONTIG-039023	450	13	52	173	6
CONTIG-039024	112	24	3	89	8
CONTIG-039025	237	8	9	42	0
CONTIG-039026	117	10	12	29	0
CONTIG-039027	139	5	0	26	0
CONTIG-039028	125	6	0	28	0
CONTIG-039029	65	12	10	8	0
CONTIG-039030	514	26	43	460	2

CONTIG-039033	159	7	13	36	0
CONTIG-039034	84	4	0	0	0
CONTIG-039036	507	9	19	119	6
CONTIG-039037	211	6	10	29	0
CONTIG-039041	148	28	61	43	2
CONTIG-039042	623	41	119	919	4
CONTIG-039043	77	5	3	10	0
CONTIG-039045	281	10	18	52	0
CONTIG-039048	298	14	23	137	0
CONTIG-039049	474	9	7	88	0
CONTIG-039051	91	13	7	39	0
CONTIG-039052	67	5	4	12	0
CONTIG-039054	71	19	3	40	0
CONTIG-039055	108	11	19	17	0
CONTIG-039056	189	17	21	78	2
CONTIG-039057	59	6	3	17	0
CONTIG-039058	93	11	14	22	0
CONTIG-039059	276	9	15	119	0
CONTIG-039060	129	26	7	96	4
CONTIG-039061	132	7	6	23	2
CONTIG-039062	125	8	0	24	0
CONTIG-039065	234	4	2	16	0
CONTIG-039066	350	8	28	76	0
CONTIG-039070	69	9	16	4	0
CONTIG-039071	94	5	0	10	0
CONTIG-039072	217	7	3	57	0
CONTIG-039073	81	17	2	41	0
CONTIG-039074	74	13	19	38	0
CONTIG-039075	183	8	7	40	0
CONTIG-039077	44	20	0	33	0
CONTIG-039078	234	12	53	9	0
CONTIG-039079	164	4	2	2	0
CONTIG-039080	259	10	18	97	0
CONTIG-039081	99	6	2	20	0
CONTIG-039082	570	29	106	693	17
CONTIG-039084	80	634	2	1702	0
CONTIG-039085	236	5	2	29	0
CONTIG-039086	114	7	2	37	0
CONTIG-039088	87	8	2	5	0
CONTIG-039089	177	11	7	17	0
CONTIG-039091	188	7	60	22	0
CONTIG-039092	120	3	3	4	0
CONTIG-039093	1114	19	26	892	4
CONTIG-039094	245	32	58	292	3
CONTIG-039095	88	4	6	6	0
CONTIG-039096	268	13	45	26	6
CONTIG-039097	345	7	53	56	3

CONTIG-039098	80	12	4	33	0
CONTIG-039099	77	5	13	12	0
CONTIG-039100	77	4	6	6	0
CONTIG-039101	84	13	0	53	0
CONTIG-039102	394	14	50	211	0
CONTIG-039103	171	11	19	52	0
CONTIG-039104	101	11	16	19	0
CONTIG-039105	275	7	8	55	0
CONTIG-039106	349	26	88	202	0
CONTIG-039107	188	15	25	103	0
CONTIG-039108	280	10	16	106	0
CONTIG-039109	65	9	38	8	0
CONTIG-039110	231	15	56	110	0
CONTIG-039111	484	21	77	452	0
CONTIG-039112	296	10	4	71	0
CONTIG-039114	132	13	23	4	0
CONTIG-039120	210	6	22	11	0
CONTIG-039121	111	8	12	13	0
CONTIG-039122	56	272	23	709	4
CONTIG-039124	129	31	48	109	0
CONTIG-039125	258	13	16	136	6
CONTIG-039126	104	13	8	14	0
CONTIG-039127	103	13	115	2	0
CONTIG-039128	61	5	2	4	0
CONTIG-039129	88	56	42	91	3
CONTIG-039130	83	7	2	16	0
CONTIG-039131	99	4	14	6	0
CONTIG-039132	460	11	29	138	0
CONTIG-039133	41	314	33	425	0
CONTIG-039134	127	68	155	64	2
CONTIG-039135	835	12	60	278	2
CONTIG-039136	47	13	13	4	0
CONTIG-039137	188	7	4	52	0
CONTIG-039138	260	14	0	137	4
CONTIG-039139	108	8	4	30	0
CONTIG-039143	66	24	16	0	0
CONTIG-039144	163	8	3	36	0
CONTIG-039145	117	5	4	12	0
CONTIG-039150	59	8	9	7	0
CONTIG-039151	238	6	12	40	0
CONTIG-039152	81	5	7	9	0
CONTIG-039153	114	5	3	20	0
CONTIG-039154	226	7	0	36	0
CONTIG-039155	165	6	6	28	0
CONTIG-039156	328	9	26	123	0
CONTIG-039157	545	9	11	215	0
CONTIG-039158	283	13	0	0	13

CONTIG-039160	64	7	29	0	0
CONTIG-039161	197	22	33	154	3
CONTIG-039162	535	14	60	292	0
CONTIG-039163	123	11	4	28	0
CONTIG-039164	70	6	10	12	0
CONTIG-039165	87	6	0	27	0
CONTIG-039166	147	29	19	118	0
CONTIG-039168	283	8	18	67	0
CONTIG-039169	79	11	2	42	0
CONTIG-039170	254	8	19	48	0
CONTIG-039171	171	5	8	30	0
CONTIG-039175	179	8	2	41	2
CONTIG-039176	53	25	100	7	0
CONTIG-039179	58	3	4	0	0
CONTIG-039180	727	11	2	5	0
CONTIG-039181	189	7	25	18	0
CONTIG-039182	639	13	19	372	0
CONTIG-039183	278	11	14	66	0
CONTIG-039184	601	27	94	554	7
CONTIG-039185	123	13	9	68	0
CONTIG-039186	291	20	22	268	2
CONTIG-039187	141	6	7	2	0
CONTIG-039189	150	10	6	38	0
CONTIG-039190	634	19	38	455	8
CONTIG-039191	169	35	252	148	0
CONTIG-039193	117	6	2	15	0
CONTIG-039194	63	6	2	14	0
CONTIG-039195	184	10	11	46	0
CONTIG-039196	72	168	15	321	4
CONTIG-039197	258	11	56	63	0
CONTIG-039198	338	10	8	98	0
CONTIG-039199	695	19	18	647	2
CONTIG-039200	466	24	83	104	13
CONTIG-039201	120	14	70	7	2
CONTIG-039202	43	1122	70	970	0
CONTIG-039210	132	6	13	8	0
CONTIG-039211	39	90	27	52	5
CONTIG-039212	583	14	4	426	0
CONTIG-039217	191	5	6	13	2
CONTIG-039218	123	8	2	24	0
CONTIG-039219	151	13	0	46	2
CONTIG-039220	253	16	27	147	0
CONTIG-039228	112	7	51	7	0
CONTIG-039229	210	9	13	72	0
CONTIG-039230	154	12	6	52	0
CONTIG-039231	128	6	2	23	0
CONTIG-039232	59	6	16	0	0

CONTIG-039233	102	5	0	13	0
CONTIG-039234	636	17	64	194	6
CONTIG-039235	1010	31	67	1210	27
CONTIG-039236	228	10	3	81	4
CONTIG-039239	177	11	5	66	0
CONTIG-039240	207	8	0	28	0
CONTIG-039241	453	10	4	57	8
CONTIG-039242	412	24	24	218	10
CONTIG-039243	147	6	0	23	0
CONTIG-039244	266	8	0	43	0
CONTIG-039245	177	7	8	51	0
CONTIG-039250	192	5	0	19	0
CONTIG-039251	277	11	11	82	2
CONTIG-039252	135	5	0	15	0
CONTIG-039253	442	12	75	48	0
CONTIG-039254	70	5	3	10	0
CONTIG-039256	226	53	11	386	2
CONTIG-039257	65	11	71	0	0
CONTIG-039258	212	18	76	103	3
CONTIG-039259	92	6	9	18	0
CONTIG-039260	274	11	45	125	0
CONTIG-039261	137	7	19	20	0
CONTIG-039262	321	11	13	88	2
CONTIG-039263	569	9	11	145	6
CONTIG-039265	508	9	14	22	0
CONTIG-039266	303	8	35	54	0
CONTIG-039267	111	13	60	12	0
CONTIG-039268	225	18	33	98	0
CONTIG-039269	1163	95	254	3951	609
CONTIG-039270	118	9	18	32	0
CONTIG-039271	304	10	5	7	0
CONTIG-039272	379	33	7	5	0
CONTIG-039273	177	8	10	29	0
CONTIG-039274	95	5	3	13	0
CONTIG-039275	324	9	10	64	0
CONTIG-039278	110	5	2	9	0
CONTIG-039287	161	7	7	22	0
CONTIG-039296	297	20	71	110	2
CONTIG-039297	66	184	21	614	2
CONTIG-039301	67	3	0	0	0
CONTIG-039302	167	10	12	50	2
CONTIG-039303	65	14	22	10	0
CONTIG-039309	66	2	0	2	0
CONTIG-039310	116	7	2	26	0
CONTIG-039311	61	7	6	2	0
CONTIG-039316	59	5	3	8	0
CONTIG-039323	120	9	16	34	0

CONTIG-039324	327	56	40	1193	0
CONTIG-039325	85	7	3	0	2
CONTIG-039326	77	11	61	0	0
CONTIG-039327	424	7	31	94	0
CONTIG-039328	94	6	25	9	0
CONTIG-039329	412	14	104	104	0
CONTIG-039330	95	4	2	2	0
CONTIG-039333	112	16	35	37	0
CONTIG-039334	137	9	11	13	6
CONTIG-039335	110	5	12	2	0
CONTIG-039336	121	8	8	38	0
CONTIG-039337	645	16	59	185	0
CONTIG-039338	637	24	25	824	2
CONTIG-039339	293	14	44	119	4
CONTIG-039340	211	8	41	38	0
CONTIG-039341	128	11	7	2	0
CONTIG-039342	409	17	17	171	0
CONTIG-039343	44	13	22	0	0
CONTIG-039344	130	8	0	53	0
CONTIG-039346	168	11	0	0	5
CONTIG-039347	65	6	2	16	0
CONTIG-039348	213	16	53	47	0
CONTIG-039349	348	7	9	60	0
CONTIG-039350	78	8	7	14	0
CONTIG-039357	85	9	14	0	0
CONTIG-039358	98	19	45	48	0
CONTIG-039359	355	9	59	42	0
CONTIG-039360	85	8	6	29	0
CONTIG-039361	159	7	0	13	0
CONTIG-039362	158	35	58	143	14
CONTIG-039363	82	4	2	2	0
CONTIG-039364	62	4	9	4	0
CONTIG-039365	623	16	102	312	0
CONTIG-039366	118	10	18	16	0
CONTIG-039367	181	5	15	6	0
CONTIG-039368	79	45	4	161	0
CONTIG-039369	803	21	75	497	29
CONTIG-039370	86	6	8	10	0
CONTIG-039371	402	11	9	125	0
CONTIG-039372	168	9	3	59	0
CONTIG-039373	164	8	9	49	0
CONTIG-039374	483	18	11	169	0
CONTIG-039375	218	8	2	25	0
CONTIG-039376	63	6	7	8	0
CONTIG-039377	518	25	37	5	365
CONTIG-039378	100	4	5	14	0
CONTIG-039380	421	10	37	123	0

CONTIG-039382	64	4	9	2	0
CONTIG-039383	71	4	0	2	0
CONTIG-039385	133	10	65	10	0
CONTIG-039386	378	8	24	73	0
CONTIG-039387	327	9	11	92	0
CONTIG-039388	105	7	10	16	0
CONTIG-039389	167	13	20	66	0
CONTIG-039390	74	3	5	2	4
CONTIG-039391	153	10	4	71	0
CONTIG-039392	295	11	17	123	0
CONTIG-039393	210	11	9	58	2
CONTIG-039394	218	40	38	420	7
CONTIG-039395	203	19	88	118	0
CONTIG-039396	75	3	4	4	0
CONTIG-039399	97	5	2	7	0
CONTIG-039400	91	3	7	2	0
CONTIG-039401	155	9	29	20	0
CONTIG-039402	225	21	44	218	2
CONTIG-039403	114	3	6	8	0
CONTIG-039404	106	4	6	10	2
CONTIG-039405	95	8	42	0	0
CONTIG-039406	66	6	3	3	0
CONTIG-039407	235	17	21	108	2
CONTIG-039408	227	9	6	55	0
CONTIG-039409	212	12	42	80	0
CONTIG-039410	270	11	82	62	0
CONTIG-039411	327	16	253	87	0
CONTIG-039412	263	67	43	988	0
CONTIG-039413	229	7	49	24	0
CONTIG-039415	212	13	38	77	0
CONTIG-039416	216	6	4	37	0
CONTIG-039417	109	11	3	29	0
CONTIG-039419	87	13	18	24	0
CONTIG-039420	188	4	11	18	0
CONTIG-039421	86	27	16	99	0
CONTIG-039422	101	6	3	18	0
CONTIG-039423	160	9	15	28	0
CONTIG-039424	782	17	33	205	2
CONTIG-039425	461	40	102	798	2
CONTIG-039426	77	6	8	15	0
CONTIG-039427	950	23	17	1240	0
CONTIG-039428	269	18	49	72	0
CONTIG-039429	38	375	30	287	0
CONTIG-039432	102	213	88	124	0
CONTIG-039433	139	10	18	44	0
CONTIG-039434	126	10	13	31	0
CONTIG-039435	621	13	28	232	2

CONTIG-039436	53	13	18	8	0
CONTIG-039437	161	13	59	48	0
CONTIG-039438	109	7	6	33	0
CONTIG-039439	117	4	4	10	0
CONTIG-039440	447	18	90	74	0
CONTIG-039441	67	10	0	20	0
CONTIG-039442	78	9	23	15	0
CONTIG-039450	151	5	4	16	0
CONTIG-039451	135	6	15	0	0
CONTIG-039452	396	18	175	169	0
CONTIG-039453	177	9	23	57	0
CONTIG-039454	669	141	22	245	0
CONTIG-039455	211	321	144	447	0
CONTIG-039456	66	9	4	27	0
CONTIG-039457	84	8	7	9	2
CONTIG-039458	70	5	4	0	0
CONTIG-039459	85	7	7	17	0
CONTIG-039460	58	10	3	21	0
CONTIG-039461	189	14	10	91	0
CONTIG-039462	125	10	11	30	0
CONTIG-039463	67	5	14	0	0
CONTIG-039464	119	7	0	12	2
CONTIG-039465	84	5	29	0	0
CONTIG-039466	133	7	2	30	0
CONTIG-039467	146	13	2	31	2
CONTIG-039468	83	8	8	18	0
CONTIG-039469	85	6	5	9	0
CONTIG-039470	162	9	52	18	0
CONTIG-039471	201	17	4	190	0
CONTIG-039472	252	9	3	56	0
CONTIG-039473	305	13	52	113	0
CONTIG-039474	166	12	24	60	0
CONTIG-039475	51	40	19	18	2
CONTIG-039477	59	5	17	0	0
CONTIG-039478	210	11	13	81	0
CONTIG-039479	916	16	35	393	19
CONTIG-039480	99	9	19	14	0
CONTIG-039483	67	11	2	26	2
CONTIG-039484	87	7	6	13	0
CONTIG-039485	115	43	14	180	0
CONTIG-039486	148	9	15	39	2
CONTIG-039487	239	10	20	78	0
CONTIG-039488	98	7	6	5	0
CONTIG-039489	121	11	59	23	0
CONTIG-039490	155	12	64	36	0
CONTIG-039491	114	10	13	27	0
CONTIG-039492	46	150	19	39	0

CONTIG-039493	108	11	32	19	0
CONTIG-039494	116	7	17	26	0
CONTIG-039496	126	4	9	0	0
CONTIG-039504	71	13	14	27	3
CONTIG-039505	65	5	0	9	0
CONTIG-039506	59	64	13	72	2
CONTIG-039507	330	14	13	170	4
CONTIG-039508	81	6	3	0	0
CONTIG-039509	98	23	56	70	0
CONTIG-039510	107	10	0	17	0
CONTIG-039511	176	6	16	12	0
CONTIG-039512	251	6	11	35	0
CONTIG-039514	497	22	88	164	19
CONTIG-039515	259	11	31	53	0
CONTIG-039516	127	7	15	23	0
CONTIG-039517	258	24	51	114	0
CONTIG-039518	291	17	40	134	2
CONTIG-039519	235	8	18	69	0
CONTIG-039521	166	6	16	2	0
CONTIG-039522	62	3	12	2	0
CONTIG-039526	112	5	6	12	0
CONTIG-039527	293	15	2	118	0
CONTIG-039528	86	9	2	8	0
CONTIG-039529	192	7	3	54	0
CONTIG-039533	188	12	27	44	0
CONTIG-039534	451	12	8	0	107
CONTIG-039535	703	42	19	1753	0
CONTIG-039537	252	13	11	90	0
CONTIG-039538	229	11	52	21	0
CONTIG-039539	87	7	10	16	0
CONTIG-039543	510	13	36	233	2
CONTIG-039544	263	5	6	47	0
CONTIG-039545	163	6	9	26	0
CONTIG-039546	236	14	14	130	0
CONTIG-039547	268	17	17	76	0
CONTIG-039548	60	8	5	11	0
CONTIG-039550	521	15	51	184	4
CONTIG-039551	106	5	35	6	0
CONTIG-039554	456	10	17	124	0
CONTIG-039555	287	10	16	90	0
CONTIG-039558	151	6	5	14	2
CONTIG-039559	110	6	6	9	0
CONTIG-039560	43	415	83	705	3
CONTIG-039562	71	3	0	2	0
CONTIG-039563	76	242	57	441	4
CONTIG-039564	396	20	77	68	6
CONTIG-039565	578	17	100	365	4

CONTIG-039566	66	10	11	25	0
CONTIG-039567	108	7	5	29	0
CONTIG-039569	214	16	13	170	2
CONTIG-039570	88	7	3	20	0
CONTIG-039572	303	13	18	175	0
CONTIG-039573	59	4	5	6	0
CONTIG-039574	260	6	5	52	0
CONTIG-039575	493	34	86	607	4
CONTIG-039576	166	11	22	65	0
CONTIG-039577	82	4	2	4	0
CONTIG-039578	63	6	3	8	0
CONTIG-039579	60	5	6	0	0
CONTIG-039580	59	22	15	29	0
CONTIG-039581	166	20	128	54	0
CONTIG-039582	101	12	28	32	0
CONTIG-039583	81	8	4	12	0
CONTIG-039585	113	6	5	14	0
CONTIG-039586	65	5	3	2	0
CONTIG-039587	154	5	3	13	0
CONTIG-039588	1302	28	184	1346	8
CONTIG-039589	96	6	5	11	0
CONTIG-039591	189	4	12	33	0
CONTIG-039592	103	10	12	37	0
CONTIG-039593	188	10	5	65	2
CONTIG-039594	305	10	21	86	3
CONTIG-039595	248	10	29	44	0
CONTIG-039596	133	6	3	11	0
CONTIG-039597	80	4	6	5	0
CONTIG-039599	118	12	7	61	0
CONTIG-039600	411	14	66	212	6
CONTIG-039601	397	17	31	215	4
CONTIG-039602	84	7	13	9	0
CONTIG-039603	98	7	9	25	0
CONTIG-039604	77	7	8	15	0
CONTIG-039605	227	14	9	52	4
CONTIG-039606	102	5	12	7	0
CONTIG-039607	183	8	20	21	2
CONTIG-039608	168	7	0	46	0
CONTIG-039609	226	11	29	0	6
CONTIG-039610	183	6	4	28	0
CONTIG-039612	96	7	7	15	0
CONTIG-039613	199	13	7	112	0
CONTIG-039614	160	14	24	54	0
CONTIG-039617	301	13	13	177	0
CONTIG-039618	65	2	0	2	0
CONTIG-039619	65	4	2	0	0
CONTIG-039620	59	4	4	9	0

CONTIG-039623	86	11	57	2	0
CONTIG-039624	129	9	3	33	0
CONTIG-039625	80	7	31	4	0
CONTIG-039626	122	7	7	10	0
CONTIG-039627	60	11	5	6	0
CONTIG-039628	98	5	0	13	0
CONTIG-039629	118	6	5	17	0
CONTIG-039630	129	5	14	8	0
CONTIG-039631	782	16	91	590	0
CONTIG-039632	72	4	6	2	0
CONTIG-039633	137	14	5	112	0
CONTIG-039634	260	7	7	62	0
CONTIG-039635	46	12	10	20	0
CONTIG-039636	183	15	15	77	0
CONTIG-039637	342	11	34	112	0
CONTIG-039638	265	14	39	154	0
CONTIG-039644	72	16	24	21	0
CONTIG-039645	464	10	28	82	4
CONTIG-039646	145	9	13	37	2
CONTIG-039650	87	60	17	90	6
CONTIG-039651	205	19	30	157	0
CONTIG-039653	63	8	2	15	0
CONTIG-039654	188	13	13	71	0
CONTIG-039655	300	9	19	80	0
CONTIG-039656	625	14	25	388	0
CONTIG-039658	354	11	36	104	2
CONTIG-039659	144	9	41	4	0
CONTIG-039660	111	9	16	22	0
CONTIG-039661	105	3	0	2	0
CONTIG-039662	61	2	0	0	0
CONTIG-039663	104	8	2	2	0
CONTIG-039665	427	9	19	25	0
CONTIG-039666	309	12	31	135	0
CONTIG-039667	457	34	145	387	2
CONTIG-039668	190	9	19	48	0
CONTIG-039669	293	5	5	33	0
CONTIG-039670	81	81	4	0	53
CONTIG-039671	663	12	4	19	0
CONTIG-039672	494	13	23	246	2
CONTIG-039673	315	14	32	172	0
CONTIG-039674	665	11	26	230	2
CONTIG-039675	73	11	63	6	0
CONTIG-039676	148	7	12	25	0
CONTIG-039677	127	12	34	35	0
CONTIG-039678	69	9	4	29	0
CONTIG-039679	149	9	49	26	0
CONTIG-039680	62	14	31	9	0

CONTIG-039681	469	23	15	603	0
CONTIG-039682	244	11	15	97	0
CONTIG-039683	63	8	36	0	0
CONTIG-039684	104	5	6	14	0
CONTIG-039685	144	6	9	25	0
CONTIG-039686	537	20	10	150	0
CONTIG-039687	129	3	5	6	0
CONTIG-039688	482	22	11	472	0
CONTIG-039689	155	19	71	16	0
CONTIG-039690	324	22	45	226	17
CONTIG-039691	256	16	17	185	0
CONTIG-039692	126	5	4	0	2
CONTIG-039693	293	9	21	48	0
CONTIG-039694	153	9	3	46	0
CONTIG-039700	95	4	3	6	0
CONTIG-039702	403	13	24	78	2
CONTIG-039703	679	20	100	327	19
CONTIG-039704	340	8	0	96	0
CONTIG-039705	339	7	26	70	0
CONTIG-039706	88	4	6	4	0
CONTIG-039707	391	10	25	124	4
CONTIG-039708	65	12	21	16	0
CONTIG-039709	297	9	23	59	2
CONTIG-039712	185	5	20	3	0
CONTIG-039713	120	12	9	32	5
CONTIG-039714	515	11	15	192	0
CONTIG-039715	72	8	4	16	0
CONTIG-039716	324	10	30	109	0
CONTIG-039718	80	140	80	287	0
CONTIG-039719	353	19	113	201	0
CONTIG-039720	157	13	19	72	0
CONTIG-039721	82	5	6	8	0
CONTIG-039723	146	11	33	33	0
CONTIG-039724	162	11	8	48	0
CONTIG-039725	179	15	86	61	0
CONTIG-039726	135	16	6	74	0
CONTIG-039727	363	13	17	84	0
CONTIG-039728	59	6	9	7	0
CONTIG-039729	535	35	128	1126	0
CONTIG-039730	88	9	16	4	0
CONTIG-039731	70	11	10	5	0
CONTIG-039732	174	9	31	42	0
CONTIG-039733	115	5	0	10	0
CONTIG-039734	196	21	11	166	3
CONTIG-039735	772	13	28	223	2
CONTIG-039736	72	25	34	4	0
CONTIG-039737	211	6	9	26	4

CONTIG-039741	176	13	22	44	0
CONTIG-039743	126	5	8	22	0
CONTIG-039745	113	4	5	7	0
CONTIG-039746	118	7	13	12	0
CONTIG-039747	155	6	9	15	0
CONTIG-039748	135	8	26	22	0
CONTIG-039749	122	12	17	30	0
CONTIG-039750	97	6	6	15	0
CONTIG-039752	668	12	26	291	0
CONTIG-039753	158	14	19	79	2
CONTIG-039755	67	15	9	23	0
CONTIG-039756	69	6	8	7	0
CONTIG-039757	112	12	8	33	0
CONTIG-039758	179	15	26	127	0
CONTIG-039759	119	6	24	15	0
CONTIG-039760	161	5	0	33	0
CONTIG-039761	88	8	12	9	0
CONTIG-039762	153	211	13	0	17
CONTIG-039763	527	21	2	0	12
CONTIG-039764	68	8	0	9	0
CONTIG-039766	112	9	0	47	0
CONTIG-039767	61	5	2	9	0
CONTIG-039768	225	14	12	123	0
CONTIG-039769	221	7	7	36	0
CONTIG-039770	445	12	57	90	2
CONTIG-039771	121	24	4	153	0
CONTIG-039772	100	96	18	586	0
CONTIG-039781	62	7	3	4	0
CONTIG-039782	318	11	26	130	0
CONTIG-039783	124	6	14	28	2
CONTIG-039785	289	15	27	153	0
CONTIG-039786	489	15	127	108	2
CONTIG-039787	309	8	6	43	0
CONTIG-039788	104	9	5	35	0
CONTIG-039789	129	6	2	41	0
CONTIG-039790	187	7	26	34	0
CONTIG-039791	87	7	8	30	0
CONTIG-039792	71	9	34	0	0
CONTIG-039793	64	9	2	0	0
CONTIG-039794	83	15	29	44	0
CONTIG-039795	235	9	8	98	0
CONTIG-039796	249	16	12	171	0
CONTIG-039797	355	8	28	66	0
CONTIG-039798	197	6	6	29	0
CONTIG-039799	203	17	10	113	0
CONTIG-039800	282	7	4	62	0
CONTIG-039803	263	16	41	140	0

CONTIG-039804	109	4	7	0	0
CONTIG-039805	67	5	6	10	0
CONTIG-039806	95	13	8	40	0
CONTIG-039810	82	9	10	21	0
CONTIG-039812	196	13	46	74	3
CONTIG-039813	120	26	52	112	2
CONTIG-039815	119	7	29	12	0
CONTIG-039816	120	7	6	31	0
CONTIG-039817	84	4	5	0	0
CONTIG-039818	308	13	51	86	0
CONTIG-039819	298	8	19	79	0
CONTIG-039820	86	12	8	25	0
CONTIG-039821	200	6	43	0	0
CONTIG-039822	250	7	18	46	0
CONTIG-039823	198	5	35	5	0
CONTIG-039824	85	6	3	19	0
CONTIG-039825	575	9	19	92	2
CONTIG-039826	75	54	12	116	5
CONTIG-039827	212	9	116	41	0
CONTIG-039828	368	19	28	252	4
CONTIG-039829	167	11	12	57	0
CONTIG-039830	282	17	13	194	0
CONTIG-039831	304	17	33	273	0
CONTIG-039832	218	18	26	95	0
CONTIG-039833	565	13	52	234	3
CONTIG-039840	98	4	4	9	0
CONTIG-039841	126	5	2	2	0
CONTIG-039842	103	8	7	8	3
CONTIG-039843	42	56	3	43	0
CONTIG-039845	49	50	6	0	9
CONTIG-039846	249	10	9	97	0
CONTIG-039847	214	8	9	29	0
CONTIG-039848	80	6	2	9	0
CONTIG-039849	133	18	30	93	0
CONTIG-039850	173	8	24	35	0
CONTIG-039851	186	13	22	87	0
CONTIG-039852	127	8	6	17	0
CONTIG-039853	393	14	10	127	0
CONTIG-039854	234	14	15	134	0
CONTIG-039855	88	10	0	18	0
CONTIG-039856	178	7	13	8	0
CONTIG-039857	89	5	5	7	0
CONTIG-039858	77	18	40	19	0
CONTIG-039859	129	8	5	33	0
CONTIG-039860	907	12	115	379	0
CONTIG-039861	215	8	2	37	0
CONTIG-039862	132	11	14	49	0

CONTIG-039863	98	8	2	0	0
CONTIG-039864	466	10	19	186	0
CONTIG-039865	122	7	8	41	0
CONTIG-039866	187	13	79	41	0
CONTIG-039867	220	31	7	194	10
CONTIG-039868	119	15	17	46	0
CONTIG-039869	210	12	13	66	0
CONTIG-039870	308	5	3	4	0
CONTIG-039871	62	3	0	3	0
CONTIG-039872	165	11	52	46	0
CONTIG-039873	99	6	6	4	0
CONTIG-039874	67	4	0	13	0
CONTIG-039876	221	33	19	330	0
CONTIG-039877	215	7	15	0	0
CONTIG-039878	882	13	73	393	0
CONTIG-039879	133	6	10	22	0
CONTIG-039880	765	61	162	2032	8
CONTIG-039881	78	30	21	83	0
CONTIG-039882	61	3	2	2	0
CONTIG-039883	74	2	0	2	0
CONTIG-039884	125	23	29	78	6
CONTIG-039885	395	10	41	100	0
CONTIG-039886	269	6	11	22	0
CONTIG-039887	118	6	5	16	0
CONTIG-039888	478	9	36	42	0
CONTIG-039889	296	10	18	88	0
CONTIG-039890	594	29	0	0	141
CONTIG-039891	71	9	12	9	0
CONTIG-039892	180	16	24	99	0
CONTIG-039893	170	9	10	37	0
CONTIG-039894	121	20	43	105	0
CONTIG-039895	208	10	10	67	4
CONTIG-039896	298	12	9	147	0
CONTIG-039897	384	6	22	58	4
CONTIG-039898	498	14	42	221	0
CONTIG-039899	188	5	17	34	0
CONTIG-039900	332	26	92	194	0
CONTIG-039901	107	10	13	7	0
CONTIG-039902	59	5	6	0	0
CONTIG-039903	285	10	8	93	0
CONTIG-039904	415	18	54	259	0
CONTIG-039905	559	27	101	693	0
CONTIG-039906	310	13	40	112	0
CONTIG-039907	221	6	6	15	2
CONTIG-039911	1359	20	208	787	0
CONTIG-039912	89	5	2	18	0
CONTIG-039913	349	13	52	123	0

CONTIG-039914	82	7	8	9	0
CONTIG-039915	80	11	13	23	0
CONTIG-039917	168	5	2	12	0
CONTIG-039918	132	14	48	0	0
CONTIG-039919	69	20	14	51	0
CONTIG-039920	93	3	3	2	0
CONTIG-039921	63	3	5	3	0
CONTIG-039922	59	8	10	20	0
CONTIG-039923	143	19	17	74	0
CONTIG-039924	65	5	0	10	0
CONTIG-039925	441	25	113	186	4
CONTIG-039926	169	9	7	53	0
CONTIG-039927	265	7	52	38	0
CONTIG-039928	491	14	11	320	7
CONTIG-039929	254	19	16	85	0
CONTIG-039930	154	20	28	4	17
CONTIG-039931	173	8	16	44	0
CONTIG-039932	63	4	5	8	0
CONTIG-039933	116	93	4	631	0
CONTIG-039934	76	14	5	43	0
CONTIG-039935	209	5	15	23	0
CONTIG-039936	972	50	132	1230	63
CONTIG-039937	110	13	27	31	0
CONTIG-039939	236	6	29	14	0
CONTIG-039940	210	12	10	113	0
CONTIG-039941	131	10	13	41	0
CONTIG-039942	306	7	11	53	0
CONTIG-039943	61	5	2	9	0
CONTIG-039944	109	7	9	15	0
CONTIG-039945	127	11	24	42	0
CONTIG-039946	67	5	7	4	0
CONTIG-039947	177	18	92	66	0
CONTIG-039948	59	42	27	59	0
CONTIG-039949	63	5	3	8	0
CONTIG-039950	125	8	32	11	0
CONTIG-039951	340	15	85	116	0
CONTIG-039952	147	8	5	33	0
CONTIG-039953	75	7	3	2	0
CONTIG-039954	119	11	4	38	0
CONTIG-039955	68	5	7	0	0
CONTIG-039956	207	28	37	112	9
CONTIG-039957	395	28	22	293	19
CONTIG-039958	145	7	4	17	0
CONTIG-039959	69	3	0	0	0
CONTIG-039960	236	8	5	16	2
CONTIG-039961	151	14	31	60	0
CONTIG-039962	138	11	3	40	0

CONTIG-039963	331	10	9	76	0
CONTIG-039965	142	9	2	43	0
CONTIG-039969	143	8	2	36	0
CONTIG-039970	211	11	8	89	0
CONTIG-039978	243	6	9	47	2
CONTIG-039979	63	10	10	8	0
CONTIG-039980	65	6	6	3	0
CONTIG-039981	92	4	0	0	0
CONTIG-039984	540	8	20	145	0
CONTIG-039986	92	7	20	2	0
CONTIG-039987	173	8	14	46	0
CONTIG-039988	164	5	27	7	0
CONTIG-039989	176	10	27	65	0
CONTIG-039990	63	12	50	3	0
CONTIG-039991	150	10	8	57	2
CONTIG-039992	113	7	4	24	0
CONTIG-039993	138	10	12	53	0
CONTIG-039994	841	10	15	47	0
CONTIG-039995	550	14	16	176	15
CONTIG-039996	812	33	69	1027	6
CONTIG-039997	77	5	7	2	0
CONTIG-039998	695	21	25	626	3
CONTIG-039999	101	85	53	168	68
CONTIG-040000	75	4	3	4	0
CONTIG-040001	211	4	13	19	0
CONTIG-040010	310	6	5	5	0
CONTIG-040011	76	11	7	35	0
CONTIG-040012	260	9	37	64	0
CONTIG-040013	227	9	6	83	0
CONTIG-040014	504	29	16	597	19
CONTIG-040015	198	7	10	38	0
CONTIG-040016	439	17	35	147	4
CONTIG-040017	507	16	40	271	3
CONTIG-040018	160	6	2	19	0
CONTIG-040019	85	7	16	13	0
CONTIG-040020	267	17	20	60	4
CONTIG-040021	89	10	11	18	0
CONTIG-040022	248	16	16	68	2
CONTIG-040023	244	12	22	149	0
CONTIG-040024	105	7	6	24	0
CONTIG-040025	95	20	37	2	0
CONTIG-040029	117	6	12	19	0
CONTIG-040030	82	5	0	12	0
CONTIG-040031	121	6	4	25	0
CONTIG-040032	812	68	40	89	0
CONTIG-040033	138	36	72	52	7
CONTIG-040034	904	8	11	201	2

CONTIG-040035	140	4	2	20	0
CONTIG-040036	128	10	2	0	9
CONTIG-040037	169	7	3	33	0
CONTIG-040038	77	11	9	16	0
CONTIG-040040	85	5	6	13	0
CONTIG-040041	71	8	12	10	0
CONTIG-040042	94	12	15	16	0
CONTIG-040043	324	12	13	83	0
CONTIG-040044	73	39	42	50	0
CONTIG-040045	347	31	5	23	0
CONTIG-040046	162	5	3	6	0
CONTIG-040050	212	15	7	11	0
CONTIG-040051	230	7	6	55	4
CONTIG-040052	234	22	28	158	0
CONTIG-040053	69	5	17	2	0
CONTIG-040054	647	29	16	57	0
CONTIG-040055	120	3	3	13	0
CONTIG-040056	341	14	12	206	0
CONTIG-040057	198	13	19	76	0
CONTIG-040058	86	8	10	30	0
CONTIG-040059	67	11	18	15	0
CONTIG-040060	84	68	117	162	0
CONTIG-040061	138	13	23	70	0
CONTIG-040062	67	12	0	14	3
CONTIG-040063	81	5	5	14	0
CONTIG-040065	92	8	5	13	0
CONTIG-040066	62	4	2	0	0
CONTIG-040067	364	8	8	100	0
CONTIG-040068	361	6	19	53	0
CONTIG-040069	208	11	2	44	0
CONTIG-040070	363	46	105	680	52
CONTIG-040071	73	9	35	0	0
CONTIG-040072	347	13	59	111	0
CONTIG-040073	165	8	7	37	0
CONTIG-040074	131	6	13	10	0
CONTIG-040075	115	8	23	6	2
CONTIG-040076	77	3	2	4	0
CONTIG-040077	103	6	9	12	2
CONTIG-040078	67	4	6	11	0
CONTIG-040079	227	8	11	17	0
CONTIG-040081	78	27	0	0	3
CONTIG-040082	61	443	160	1194	10
CONTIG-040084	402	7	3	61	0
CONTIG-040085	150	3	4	9	0
CONTIG-040086	207	10	14	42	0
CONTIG-040087	373	8	23	62	0
CONTIG-040088	126	4	22	2	2

CONTIG-040089	887	14	39	530	0
CONTIG-040090	68	19	23	0	0
CONTIG-040091	107	7	39	4	0
CONTIG-040092	76	16	38	0	0
CONTIG-040094	181	17	8	88	0
CONTIG-040095	173	8	42	6	0
CONTIG-040096	643	13	29	236	0
CONTIG-040097	109	12	24	43	2
CONTIG-040098	121	10	2	29	4
CONTIG-040099	517	66	20	2189	0
CONTIG-040100	75	13	9	39	0
CONTIG-040101	285	10	19	56	0
CONTIG-040102	174	11	35	47	0
CONTIG-040103	264	12	4	76	7
CONTIG-040104	58	5	2	6	0
CONTIG-040107	187	17	11	122	0
CONTIG-040108	66	5	2	12	0
CONTIG-040109	136	5	11	14	0
CONTIG-040110	78	13	4	42	0
CONTIG-040111	93	6	0	8	0
CONTIG-040112	201	12	74	74	2
CONTIG-040113	585	41	71	906	15
CONTIG-040114	95	7	4	11	0
CONTIG-040115	213	23	110	58	4
CONTIG-040116	175	17	23	103	3
CONTIG-040117	236	13	9	140	0
CONTIG-040118	169	10	5	15	0
CONTIG-040119	239	10	32	15	0
CONTIG-040120	258	6	5	37	0
CONTIG-040121	89	10	3	10	0
CONTIG-040125	66	4	0	9	0
CONTIG-040126	64	10	14	3	0
CONTIG-040127	434	12	28	137	0
CONTIG-040128	160	19	37	75	0
CONTIG-040129	209	27	24	59	13
CONTIG-040130	38	32	4	20	0
CONTIG-040132	152	5	6	28	0
CONTIG-040133	222	5	2	11	0
CONTIG-040134	859	22	57	133	0
CONTIG-040135	226	11	42	62	0
CONTIG-040136	323	21	35	399	0
CONTIG-040137	211	9	12	33	0
CONTIG-040138	482	20	49	223	6
CONTIG-040141	36	722	18	1025	0
CONTIG-040142	269	16	33	116	0
CONTIG-040143	103	7	8	17	2
CONTIG-040149	79	3	3	5	0

CONTIG-040150	82	3	0	2	0
CONTIG-040151	75	27	107	3	0
CONTIG-040152	204	7	17	38	0
CONTIG-040153	154	22	7	22	0
CONTIG-040154	264	6	5	23	0
CONTIG-040155	84	8	18	18	0
CONTIG-040156	226	14	10	167	0
CONTIG-040157	56	74	41	15	0
CONTIG-040158	271	8	6	64	0
CONTIG-040159	290	6	2	22	0
CONTIG-040160	185	9	23	52	0
CONTIG-040161	274	18	36	54	15
CONTIG-040162	82	5	3	11	0
CONTIG-040163	307	19	10	174	2
CONTIG-040164	84	5	20	9	0
CONTIG-040165	226	19	38	19	8
CONTIG-040169	92	8	17	20	0
CONTIG-040170	365	10	8	108	0
CONTIG-040171	273	7	4	34	0
CONTIG-040172	221	7	31	51	0
CONTIG-040173	241	8	18	49	0
CONTIG-040174	68	5	4	4	2
CONTIG-040175	164	5	4	21	0
CONTIG-040176	138	9	12	26	0
CONTIG-040177	137	20	11	98	2
CONTIG-040179	110	8	4	2	0
CONTIG-040180	628	10	61	135	13
CONTIG-040181	180	15	48	40	0
CONTIG-040182	58	5	2	2	0
CONTIG-040184	243	12	27	95	0
CONTIG-040185	194	18	22	132	2
CONTIG-040186	171	16	28	90	0
CONTIG-040187	66	2	3	0	0
CONTIG-040188	381	7	15	117	0
CONTIG-040189	168	8	17	44	0
CONTIG-040190	606	10	15	146	0
CONTIG-040191	110	93	175	483	0
CONTIG-040193	77	89	45	325	0
CONTIG-040194	97	5	2	2	0
CONTIG-040195	161	18	9	96	2
CONTIG-040196	130	12	9	52	0
CONTIG-040198	74	4	7	3	0
CONTIG-040199	113	11	13	45	0
CONTIG-040200	147	10	9	41	2
CONTIG-040201	95	17	6	77	2
CONTIG-040202	218	13	50	74	4
CONTIG-040203	340	48	105	693	0

CONTIG-040204	176	6	2	10	0
CONTIG-040205	70	4	10	2	0
CONTIG-040206	91	8	14	10	0
CONTIG-040207	423	11	19	47	0
CONTIG-040208	279	11	2	91	2
CONTIG-040209	38	30	9	5	0
CONTIG-040211	99	8	3	22	0
CONTIG-040212	126	57	38	272	2
CONTIG-040214	343	10	90	104	2
CONTIG-040215	150	6	14	21	0
CONTIG-040216	70	2	3	2	0
CONTIG-040217	309	26	32	113	2
CONTIG-040218	436	13	41	216	0
CONTIG-040219	101	4	6	4	0
CONTIG-040220	176	14	6	91	0
CONTIG-040222	147	11	13	33	0
CONTIG-040223	96	8	48	0	0
CONTIG-040224	68	4	4	6	0
CONTIG-040225	120	9	72	8	0
CONTIG-040226	123	12	82	28	0
CONTIG-040229	100	13	5	26	0
CONTIG-040230	61	8	12	4	0
CONTIG-040231	214	7	9	53	0
CONTIG-040232	96	8	18	20	0
CONTIG-040233	128	11	46	14	0
CONTIG-040234	64	5	9	9	0
CONTIG-040235	60	8	10	9	0
CONTIG-040236	785	38	4	116	4
CONTIG-040237	110	12	8	69	0
CONTIG-040238	179	19	14	125	4
CONTIG-040239	97	274	23	557	0
CONTIG-040240	64	6	24	0	0
CONTIG-040241	84	20	32	37	0
CONTIG-040242	253	9	43	78	2
CONTIG-040243	74	8	5	18	0
CONTIG-040244	169	9	21	32	0
CONTIG-040245	88	11	48	13	0
CONTIG-040246	80	5	10	3	0
CONTIG-040249	124	6	17	17	0
CONTIG-040250	90	6	6	10	0
CONTIG-040251	280	10	37	33	0
CONTIG-040252	232	5	11	38	0
CONTIG-040253	130	5	0	17	0
CONTIG-040258	313	8	14	48	0
CONTIG-040259	166	8	5	58	0
CONTIG-040260	105	10	11	13	0
CONTIG-040261	160	11	50	31	0

CONTIG-040262	704	20	125	312	0
CONTIG-040263	106	6	5	13	0
CONTIG-040264	73	27	5	118	0
CONTIG-040266	156	15	10	60	2
CONTIG-040270	201	98	129	806	2
CONTIG-040272	926	44	61	732	210
CONTIG-040273	132	9	3	19	0
CONTIG-040274	154	26	37	94	13
CONTIG-040275	398	12	39	57	0
CONTIG-040276	413	16	43	156	0
CONTIG-040277	111	4	3	12	0
CONTIG-040278	65	14	48	0	0
CONTIG-040279	195	10	30	60	0
CONTIG-040280	135	11	3	0	0
CONTIG-040281	215	9	19	71	0
CONTIG-040282	95	7	13	11	0
CONTIG-040283	202	12	16	54	2
CONTIG-040284	152	10	10	32	0
CONTIG-040285	112	11	43	3	0
CONTIG-040286	308	15	95	59	0
CONTIG-040287	61	6	5	10	0
CONTIG-040288	78	375	45	426	2
CONTIG-040289	218	17	5	150	4
CONTIG-040292	84	5	6	12	0
CONTIG-040293	76	13	5	25	0
CONTIG-040294	158	35	9	108	0
CONTIG-040295	83	8	4	0	2
CONTIG-040296	67	4	19	0	0
CONTIG-040297	711	14	31	325	10
CONTIG-040298	50	11	2	16	3
CONTIG-040299	289	13	17	188	0
CONTIG-040300	123	8	29	2	0
CONTIG-040301	130	10	12	39	0
CONTIG-040302	276	10	13	49	0
CONTIG-040303	487	20	13	469	0
CONTIG-040304	337	19	26	76	0
CONTIG-040305	925	23	101	408	7
CONTIG-040306	772	16	18	129	13
CONTIG-040307	221	5	12	47	0
CONTIG-040308	157	7	16	23	0
CONTIG-040309	203	11	22	62	2
CONTIG-040310	112	4	0	7	0
CONTIG-040312	95	9	2	10	0
CONTIG-040313	124	13	36	45	0
CONTIG-040314	125	7	21	15	0
CONTIG-040315	131	10	8	43	0
CONTIG-040316	94	5	6	15	0

CONTIG-040317	119	9	18	32	0
CONTIG-040318	65	51	21	147	0
CONTIG-040319	73	4	7	2	0
CONTIG-040320	76	3	2	2	0
CONTIG-040321	164	16	41	49	2
CONTIG-040322	108	46	33	23	0
CONTIG-040324	144	16	21	85	0
CONTIG-040325	174	10	5	52	4
CONTIG-040326	106	7	14	23	0
CONTIG-040327	196	8	6	69	0
CONTIG-040328	36	589	12	99	0
CONTIG-040329	177	10	5	15	0
CONTIG-040330	146	9	9	26	0
CONTIG-040331	121	5	6	11	0
CONTIG-040332	72	6	10	11	0
CONTIG-040333	79	3	7	2	0
CONTIG-040334	212	14	24	47	0
CONTIG-040335	67	4	0	8	0
CONTIG-040336	187	7	41	17	0
CONTIG-040337	151	24	30	125	0
CONTIG-040338	61	18	53	0	0
CONTIG-040339	257	16	2	129	0
CONTIG-040340	49	380	3	5	0
CONTIG-040341	75	2	4	0	0
CONTIG-040342	106	37	21	140	0
CONTIG-040343	89	407	67	885	33
CONTIG-040344	151	7	21	25	0
CONTIG-040345	74	12	53	24	0
CONTIG-040352	160	24	68	23	0
CONTIG-040353	236	9	13	46	0
CONTIG-040354	125	8	10	25	0
CONTIG-040355	241	7	14	38	2
CONTIG-040356	207	8	39	40	0
CONTIG-040365	91	14	6	35	0
CONTIG-040366	60	4	15	0	0
CONTIG-040367	66	11	20	30	0
CONTIG-040368	741	14	27	310	4
CONTIG-040369	78	6	18	14	0
CONTIG-040371	174	15	56	81	0
CONTIG-040372	186	18	23	87	0
CONTIG-040373	98	6	27	7	0
CONTIG-040374	213	7	16	22	3
CONTIG-040375	401	13	12	72	0
CONTIG-040376	307	7	33	80	2
CONTIG-040377	198	6	3	29	0
CONTIG-040383	79	7	4	17	0
CONTIG-040384	476	17	28	209	0

CONTIG-040385	80	10	52	4	0
CONTIG-040386	203	5	7	30	0
CONTIG-040387	81	6	15	18	0
CONTIG-040388	235	10	9	83	0
CONTIG-040389	184	15	6	75	4
CONTIG-040390	616	43	113	1039	8
CONTIG-040391	495	10	20	143	0
CONTIG-040392	267	10	8	86	0
CONTIG-040393	544	10	40	123	4
CONTIG-040394	205	9	0	53	0
CONTIG-040396	193	33	38	152	6
CONTIG-040397	129	26	15	26	0
CONTIG-040398	58	16	24	12	0
CONTIG-040400	447	22	146	142	0
CONTIG-040401	85	30	25	7	0
CONTIG-040403	153	14	22	40	0
CONTIG-040404	67	6	2	15	0
CONTIG-040405	126	5	13	8	0
CONTIG-040406	241	14	7	129	0
CONTIG-040407	118	7	22	30	0
CONTIG-040408	249	8	11	59	0
CONTIG-040409	70	5	2	8	0
CONTIG-040411	298	26	37	168	0
CONTIG-040412	90	5	4	10	0
CONTIG-040413	69	32	12	88	0
CONTIG-040414	169	7	32	36	0
CONTIG-040415	84	22	8	54	2
CONTIG-040417	44	57	3	132	0
CONTIG-040418	477	13	28	183	2
CONTIG-040419	321	11	8	127	0
CONTIG-040420	79	8	7	6	0
CONTIG-040421	85	4	12	0	0
CONTIG-040422	90	18	32	64	0
CONTIG-040423	70	7	0	16	0
CONTIG-040424	60	13	12	0	0
CONTIG-040425	103	8	7	21	0
CONTIG-040426	123	7	4	17	2
CONTIG-040427	70	6	17	0	0
CONTIG-040428	276	10	17	63	0
CONTIG-040429	360	8	14	105	0
CONTIG-040430	78	11	36	20	0
CONTIG-040431	195	10	4	77	0
CONTIG-040432	203	17	65	62	0
CONTIG-040436	102	3	2	7	0
CONTIG-040437	247	12	29	64	8
CONTIG-040438	58	8	34	2	0
CONTIG-040439	103	3	0	12	0

CONTIG-040440	119	5	11	2	3
CONTIG-040441	69	4	11	4	0
CONTIG-040442	101	15	40	26	0
CONTIG-040443	244	14	4	61	2
CONTIG-040444	228	13	10	65	0
CONTIG-040446	102	11	4	35	0
CONTIG-040447	87	11	2	49	0
CONTIG-040449	105	9	8	30	0
CONTIG-040450	161	17	32	78	0
CONTIG-040451	58	2	0	2	0
CONTIG-040452	137	9	0	33	2
CONTIG-040453	311	6	20	68	0
CONTIG-040454	83	16	37	48	0
CONTIG-040455	90	8	23	6	0
CONTIG-040456	69	7	16	0	0
CONTIG-040459	80	5	2	14	0
CONTIG-040460	244	9	2	49	4
CONTIG-040461	107	20	28	56	0
CONTIG-040462	63	3	2	2	0
CONTIG-040463	87	6	4	6	0
CONTIG-040464	513	16	32	0	0
CONTIG-040465	302	10	24	83	0
CONTIG-040466	61	2	8	0	0
CONTIG-040473	120	5	17	11	0
CONTIG-040474	72	10	30	9	0
CONTIG-040475	75	2	2	4	0
CONTIG-040476	186	16	35	23	0
CONTIG-040477	363	23	22	260	0
CONTIG-040478	289	13	34	74	18
CONTIG-040479	293	9	18	84	0
CONTIG-040480	277	25	58	188	7
CONTIG-040481	378	19	36	200	9
CONTIG-040484	123	18	9	55	2
CONTIG-040485	422	14	24	238	0
CONTIG-040486	119	4	2	15	0
CONTIG-040488	134	32	25	150	0
CONTIG-040489	109	10	3	29	0
CONTIG-040490	171	21	24	124	0
CONTIG-040491	60	5	2	10	0
CONTIG-040492	1422	16	68	978	2
CONTIG-040493	176	14	48	70	0
CONTIG-040494	282	8	2	85	0
CONTIG-040495	433	11	53	103	0
CONTIG-040496	209	15	13	41	0
CONTIG-040498	82	11	3	13	0
CONTIG-040499	856	15	4	0	124
CONTIG-040500	249	11	49	76	0

CONTIG-040501	64	5	0	6	0
CONTIG-040502	133	3	2	4	0
CONTIG-040503	537	32	68	299	5
CONTIG-040504	612	118	5	0	982
CONTIG-040506	80	6	0	7	0
CONTIG-040507	147	14	12	57	5
CONTIG-040508	297	10	21	80	0
CONTIG-040509	439	9	13	58	3
CONTIG-040510	318	10	8	54	5
CONTIG-040511	135	5	6	13	0
CONTIG-040512	73	10	14	10	0
CONTIG-040516	70	3	0	4	0
CONTIG-040517	391	11	28	94	0
CONTIG-040518	371	13	25	194	0
CONTIG-040519	81	10	16	15	0
CONTIG-040521	144	7	8	27	0
CONTIG-040522	148	4	2	8	0
CONTIG-040523	162	6	15	42	0
CONTIG-040526	129	12	8	35	0
CONTIG-040527	154	5	2	14	0
CONTIG-040528	67	13	23	2	2
CONTIG-040530	256	9	14	53	0
CONTIG-040531	83	11	8	28	0
CONTIG-040532	93	4	21	0	0
CONTIG-040533	66	4	23	2	0
CONTIG-040534	171	12	10	72	0
CONTIG-040535	499	11	27	139	0
CONTIG-040536	413	14	16	160	0
CONTIG-040537	105	6	9	14	0
CONTIG-040538	119	15	20	47	0
CONTIG-040539	143	11	26	48	0
CONTIG-040540	258	11	13	86	0
CONTIG-040541	353	14	28	185	2
CONTIG-040542	306	7	12	23	0
CONTIG-040543	148	11	8	70	0
CONTIG-040544	58	9	0	14	0
CONTIG-040545	60	46	3	84	0
CONTIG-040546	180	9	24	15	4
CONTIG-040547	72	17	81	2	0
CONTIG-040548	117	5	4	15	2
CONTIG-040550	83	19	10	57	0
CONTIG-040551	176	9	2	57	0
CONTIG-040553	181	42	115	123	0
CONTIG-040554	77	6	3	7	0
CONTIG-040555	60	2	5	2	0
CONTIG-040556	65	5	14	4	0
CONTIG-040557	260	18	32	171	0

CONTIG-040559	231	12	10	137	0
CONTIG-040560	272	11	5	103	0
CONTIG-040561	84	7	2	18	0
CONTIG-040562	143	8	6	20	0
CONTIG-040563	113	11	15	32	0
CONTIG-040564	130	3	2	5	0
CONTIG-040567	76	5	11	6	0
CONTIG-040568	639	17	36	420	0
CONTIG-040569	237	8	0	0	4
CONTIG-040570	369	23	27	421	0
CONTIG-040571	489	14	6	251	3
CONTIG-040573	61	3	4	5	0
CONTIG-040575	443	12	73	24	0
CONTIG-040584	68	8	17	2	0
CONTIG-040585	84	21	10	54	0
CONTIG-040586	90	7	15	10	0
CONTIG-040587	128	13	13	38	0
CONTIG-040588	354	13	43	189	0
CONTIG-040589	190	5	2	33	0
CONTIG-040591	217	25	10	270	0
CONTIG-040592	117	37	35	120	0
CONTIG-040593	250	8	54	31	0
CONTIG-040595	556	32	100	603	4
CONTIG-040599	70	5	2	11	0
CONTIG-040600	97	7	2	16	0
CONTIG-040601	75	55	3	164	3
CONTIG-040602	70	7	21	0	0
CONTIG-040603	817	36	69	1079	0
CONTIG-040604	201	12	2	0	6
CONTIG-040605	110	6	4	13	0
CONTIG-040606	161	7	0	25	0
CONTIG-040607	127	12	24	12	0
CONTIG-040609	91	5	11	2	0
CONTIG-040610	229	8	7	59	2
CONTIG-040611	896	19	30	38	0
CONTIG-040612	170	10	69	38	0
CONTIG-040614	458	15	53	252	0
CONTIG-040615	109	12	31	2	0
CONTIG-040616	351	61	0	0	279
CONTIG-040617	430	11	30	135	0
CONTIG-040619	88	7	16	4	0
CONTIG-040620	240	11	19	39	0
CONTIG-040621	114	5	4	11	0
CONTIG-040622	213	8	15	31	0
CONTIG-040623	274	9	10	59	0
CONTIG-040629	179	9	24	36	0
CONTIG-040630	308	23	49	267	4

CONTIG-040631	1039	21	147	456	5
CONTIG-040632	205	5	7	0	2
CONTIG-040633	90	7	10	17	0
CONTIG-040634	403	12	21	71	4
CONTIG-040635	149	12	4	78	0
CONTIG-040636	217	10	2	45	4
CONTIG-040637	79	7	20	7	0
CONTIG-040638	430	15	81	213	0
CONTIG-040640	241	8	3	34	0
CONTIG-040641	73	27	28	63	0
CONTIG-040644	69	9	4	3	0
CONTIG-040645	64	6	7	4	0
CONTIG-040646	83	6	2	13	0
CONTIG-040648	345	12	48	94	0
CONTIG-040649	70	4	3	4	0
CONTIG-040650	127	7	19	13	0
CONTIG-040651	98	4	4	4	0
CONTIG-040652	62	4	5	6	0
CONTIG-040653	63	6	4	2	0
CONTIG-040654	97	8	4	20	0
CONTIG-040655	254	7	6	41	0
CONTIG-040656	71	6	3	8	0
CONTIG-040657	645	11	25	274	0
CONTIG-040658	271	5	13	23	0
CONTIG-040659	177	6	20	28	0
CONTIG-040660	165	14	36	86	0
CONTIG-040661	781	9	35	243	0
CONTIG-040662	403	9	3	17	2
CONTIG-040663	189	5	23	19	0
CONTIG-040665	752	12	38	439	2
CONTIG-040666	90	4	0	8	0
CONTIG-040667	70	8	21	2	0
CONTIG-040668	171	8	48	38	0
CONTIG-040669	129	5	2	19	0
CONTIG-040670	115	3	4	6	0
CONTIG-040671	63	8	4	3	0
CONTIG-040672	82	9	11	0	0
CONTIG-040673	104	22	2	102	2
CONTIG-040674	108	9	7	26	2
CONTIG-040675	262	8	19	54	2
CONTIG-040676	118	7	2	30	0
CONTIG-040679	67	6	4	0	4
CONTIG-040680	401	82	3	0	251
CONTIG-040685	112	4	11	8	0
CONTIG-040686	85	2	0	4	0
CONTIG-040687	112	6	17	9	0
CONTIG-040688	99	21	9	51	2

CONTIG-040691	166	9	14	39	0
CONTIG-040692	373	10	26	145	0
CONTIG-040693	196	7	4	30	2
CONTIG-040694	61	7	15	17	0
CONTIG-040695	133	11	13	52	0
CONTIG-040696	108	5	7	20	0
CONTIG-040697	401	13	13	111	6
CONTIG-040698	75	6	0	13	0
CONTIG-040700	175	12	6	99	0
CONTIG-040701	96	19	18	36	0
CONTIG-040702	68	10	5	15	0
CONTIG-040703	85	4	3	12	0
CONTIG-040705	134	12	0	17	0
CONTIG-040706	460	13	26	171	0
CONTIG-040708	184	10	4	96	0
CONTIG-040709	89	7	20	4	0
CONTIG-040710	125	7	18	34	0
CONTIG-040711	74	7	38	2	0
CONTIG-040712	117	3	4	6	0
CONTIG-040713	264	6	17	28	0
CONTIG-040714	548	36	7	0	74
CONTIG-040715	58	12	20	6	0
CONTIG-040716	174	10	2	45	2
CONTIG-040717	86	5	2	13	0
CONTIG-040718	261	9	6	49	3
CONTIG-040719	234	8	2	66	0
CONTIG-040720	87	13	26	13	0
CONTIG-040721	120	12	69	31	0
CONTIG-040722	92	4	4	11	0
CONTIG-040724	95	6	14	8	0
CONTIG-040725	560	140	0	0	776
CONTIG-040726	281	6	10	29	0
CONTIG-040727	208	13	59	75	0
CONTIG-040729	207	10	26	82	0
CONTIG-040730	135	6	14	19	0
CONTIG-040731	120	3	4	11	0
CONTIG-040732	120	14	5	4	0
CONTIG-040733	58	22	56	25	0
CONTIG-040734	828	15	61	296	2
CONTIG-040735	179	7	34	27	0
CONTIG-040736	208	7	12	25	0
CONTIG-040737	114	8	23	8	0
CONTIG-040738	316	18	33	130	2
CONTIG-040739	400	12	12	214	0
CONTIG-040740	351	9	56	56	0
CONTIG-040741	423	7	37	82	0
CONTIG-040742	222	8	55	30	0

CONTIG-040743	162	26	14	145	0
CONTIG-040745	165	13	2	32	0
CONTIG-040746	97	9	18	14	0
CONTIG-040747	108	4	2	0	2
CONTIG-040748	100	22	13	109	0
CONTIG-040749	177	9	25	59	0
CONTIG-040750	51	78	14	154	0
CONTIG-040751	213	8	13	19	0
CONTIG-040752	321	7	3	51	4
CONTIG-040753	120	4	9	13	0
CONTIG-040754	72	6	9	5	0
CONTIG-040756	109	6	24	15	0
CONTIG-040758	92	98	63	483	0
CONTIG-040759	267	27	12	258	0
CONTIG-040760	95	87	76	126	0
CONTIG-040763	142	8	9	25	0
CONTIG-040765	221	15	24	74	0
CONTIG-040766	69	6	2	18	0
CONTIG-040767	232	15	48	80	2
CONTIG-040768	119	4	23	4	0
CONTIG-040769	225	26	3	0	68
CONTIG-040770	295	11	50	48	0
CONTIG-040771	150	332	11	19	0
CONTIG-040772	185	11	10	24	0
CONTIG-040773	264	12	44	48	0
CONTIG-040774	64	9	9	7	0
CONTIG-040775	272	10	11	60	0
CONTIG-040776	611	13	35	292	0
CONTIG-040777	75	317	188	603	0
CONTIG-040778	105	11	4	27	0
CONTIG-040779	48	102	6	88	20
CONTIG-040781	142	27	10	236	0
CONTIG-040782	125	12	28	28	0
CONTIG-040783	188	12	64	55	0
CONTIG-040784	179	13	19	92	0
CONTIG-040785	365	7	14	52	0
CONTIG-040786	82	3	4	0	0
CONTIG-040788	242	25	30	127	0
CONTIG-040789	85	7	2	0	0
CONTIG-040790	188	16	10	105	0
CONTIG-040791	134	5	0	19	0
CONTIG-040792	314	15	39	221	0
CONTIG-040794	140	7	8	5	0
CONTIG-040795	85	30	170	2	0
CONTIG-040796	187	11	17	75	0
CONTIG-040797	101	7	13	21	0
CONTIG-040798	384	16	65	194	0

CONTIG-040799	85	5	3	13	0
CONTIG-040800	309	136	19	2	5
CONTIG-040801	174	6	0	18	0
CONTIG-040803	61	2	6	0	0
CONTIG-040804	120	10	17	9	0
CONTIG-040805	563	15	32	372	2
CONTIG-040806	98	5	4	18	2
CONTIG-040807	366	21	84	353	0
CONTIG-040808	428	15	10	156	2
CONTIG-040811	86	7	32	8	0
CONTIG-040812	160	6	16	38	0
CONTIG-040813	294	8	30	72	0
CONTIG-040814	124	64	63	175	8
CONTIG-040815	138	7	0	35	0
CONTIG-040816	83	5	8	16	0
CONTIG-040817	95	13	6	17	0
CONTIG-040818	184	14	16	76	0
CONTIG-040819	171	7	2	35	2
CONTIG-040820	95	10	45	15	0
CONTIG-040821	80	4	7	2	0
CONTIG-040822	143	5	4	12	0
CONTIG-040823	121	15	42	59	0
CONTIG-040824	71	25	2	66	0
CONTIG-040826	76	18	19	50	0
CONTIG-040827	116	11	3	0	0
CONTIG-040828	196	9	14	41	0
CONTIG-040829	234	14	31	71	0
CONTIG-040830	80	3	4	5	0
CONTIG-040831	208	6	2	39	0
CONTIG-040832	134	10	23	35	0
CONTIG-040833	68	3	6	0	0
CONTIG-040834	60	3	5	2	0
CONTIG-040836	69	3	3	2	0
CONTIG-040837	95	7	0	27	0
CONTIG-040838	75	7	3	9	0
CONTIG-040839	308	9	54	37	0
CONTIG-040840	169	9	2	38	0
CONTIG-040841	898	76	23	4091	0
CONTIG-040843	456	9	8	18	0
CONTIG-040844	143	19	13	122	0
CONTIG-040845	134	9	14	39	0
CONTIG-040846	172	18	5	136	0
CONTIG-040847	62	7	3	4	0
CONTIG-040848	139	15	19	38	2
CONTIG-040849	161	10	6	66	0
CONTIG-040850	100	6	2	19	0
CONTIG-040851	188	5	34	11	0

CONTIG-040852	60	5	9	2	0
CONTIG-040853	179	6	5	44	0
CONTIG-040854	117	7	0	22	0
CONTIG-040860	78	6	13	2	0
CONTIG-040861	237	13	2	171	0
CONTIG-040862	67	27	10	71	0
CONTIG-040863	96	5	9	15	0
CONTIG-040864	260	4	3	36	0
CONTIG-040865	646	14	33	341	0
CONTIG-040866	85	12	24	24	0
CONTIG-040870	194	12	6	45	2
CONTIG-040871	93	5	9	10	0
CONTIG-040872	833	43	30	63	0
CONTIG-040874	246	11	8	119	0
CONTIG-040875	845	27	3	0	113
CONTIG-040877	252	14	40	28	0
CONTIG-040878	88	7	14	16	0
CONTIG-040879	226	17	25	89	0
CONTIG-040880	67	2	10	0	0
CONTIG-040881	428	12	52	134	0
CONTIG-040882	109	4	4	9	0
CONTIG-040884	347	12	21	119	0
CONTIG-040885	149	14	27	51	2
CONTIG-040886	128	10	14	31	0
CONTIG-040888	148	5	2	26	0
CONTIG-040889	78	5	8	9	0
CONTIG-040890	483	12	106	109	0
CONTIG-040891	151	12	11	46	0
CONTIG-040892	286	13	17	88	0
CONTIG-040893	151	5	9	25	0
CONTIG-040894	88	5	8	7	0
CONTIG-040895	329	8	6	40	0
CONTIG-040898	270	8	19	47	0
CONTIG-040899	141	15	23	91	0
CONTIG-040900	227	15	38	120	0
CONTIG-040901	344	12	17	125	2
CONTIG-040902	176	20	19	139	0
CONTIG-040903	392	17	40	183	6
CONTIG-040904	263	9	5	93	0
CONTIG-040905	111	6	6	6	0
CONTIG-040907	161	7	2	0	0
CONTIG-040908	64	6	5	6	0
CONTIG-040909	94	4	8	3	0
CONTIG-040910	283	11	32	108	0
CONTIG-040911	91	10	67	10	0
CONTIG-040912	64	11	21	9	0
CONTIG-040913	429	15	38	227	0

CONTIG-040914	646	17	56	308	0
CONTIG-040915	318	12	24	50	7
CONTIG-040916	62	3	10	2	0
CONTIG-040918	86	11	2	32	0
CONTIG-040919	94	8	2	20	0
CONTIG-040920	80	14	42	6	0
CONTIG-040923	170	5	8	8	2
CONTIG-040924	149	7	10	2	0
CONTIG-040926	316	7	53	33	0
CONTIG-040927	200	10	2	53	0
CONTIG-040929	74	5	15	2	0
CONTIG-040930	220	10	33	52	0
CONTIG-040931	993	27	16	324	31
CONTIG-040932	201	11	47	74	0
CONTIG-040934	97	6	29	10	0
CONTIG-040935	109	4	3	13	0
CONTIG-040936	60	7	2	12	0
CONTIG-040939	209	24	3	140	10
CONTIG-040940	70	5	8	5	0
CONTIG-040941	96	10	0	23	2
CONTIG-040942	139	12	20	41	0
CONTIG-040943	61	213	11	127	0
CONTIG-040944	304	16	23	253	0
CONTIG-040945	334	12	15	87	0
CONTIG-040946	112	5	6	19	0
CONTIG-040947	73	4	4	2	0
CONTIG-040948	150	7	13	16	0
CONTIG-040949	96	8	13	19	0
CONTIG-040950	267	8	44	40	2
CONTIG-040952	75	11	73	2	0
CONTIG-040955	557	11	8	214	2
CONTIG-040956	105	9	8	16	0
CONTIG-040957	115	5	2	15	0
CONTIG-040958	894	15	15	286	0
CONTIG-040959	411	15	44	211	0
CONTIG-040960	304	9	14	38	0
CONTIG-040961	181	8	15	19	0
CONTIG-040962	341	12	15	143	2
CONTIG-040964	89	15	11	16	0
CONTIG-040965	397	10	72	164	0
CONTIG-040967	105	8	9	31	0
CONTIG-040968	203	9	2	19	10
CONTIG-040969	219	10	6	24	2
CONTIG-040970	165	10	3	43	0
CONTIG-040971	796	11	47	297	2
CONTIG-040972	36	977	2	769	0
CONTIG-040973	45	28	0	46	0

CONTIG-040981	91	6	24	0	0
CONTIG-040982	465	23	13	11	0
CONTIG-040983	234	12	54	76	0
CONTIG-040984	87	10	10	23	0
CONTIG-040987	39	1210	4	1372	0
CONTIG-040988	296	6	7	82	0
CONTIG-040989	100	9	10	28	0
CONTIG-040990	1332	18	9	1475	0
CONTIG-040991	89	35	2	0	0
CONTIG-040992	192	28	93	241	0
CONTIG-040993	189	32	23	333	0
CONTIG-040994	126	9	34	2	0
CONTIG-040995	64	4	2	7	0
CONTIG-040996	300	8	8	61	2
CONTIG-040998	552	17	38	120	0
CONTIG-040999	224	10	33	40	2
CONTIG-041002	86	4	2	14	0
CONTIG-041004	63	4	4	4	0
CONTIG-041006	159	8	11	43	0
CONTIG-041007	59	6	0	7	0
CONTIG-041008	365	9	19	96	0
CONTIG-041009	244	14	48	143	0
CONTIG-041010	121	9	2	42	0
CONTIG-041011	69	12	27	3	0
CONTIG-041014	117	7	7	26	0
CONTIG-041015	262	7	9	61	0
CONTIG-041016	160	5	2	10	0
CONTIG-041017	86	6	20	9	0
CONTIG-041018	160	5	2	14	0
CONTIG-041019	64	5	10	2	0
CONTIG-041020	304	9	23	36	2
CONTIG-041021	128	9	10	32	0
CONTIG-041022	92	14	7	40	0
CONTIG-041023	120	8	4	22	2
CONTIG-041024	216	23	47	155	0
CONTIG-041025	53	13	0	0	7
CONTIG-041026	342	15	21	178	0
CONTIG-041027	428	19	29	405	0
CONTIG-041028	221	8	9	43	0
CONTIG-041029	121	4	2	7	0
CONTIG-041030	109	11	6	50	0
CONTIG-041031	92	15	58	31	0
CONTIG-041032	231	14	9	95	0
CONTIG-041033	90	6	15	11	0
CONTIG-041034	87	5	16	5	0
CONTIG-041035	137	4	12	0	0
CONTIG-041036	207	13	7	93	0

CONTIG-041037	306	12	2	163	0
CONTIG-041038	373	10	25	119	0
CONTIG-041039	58	7	4	16	0
CONTIG-041040	260	9	5	74	0
CONTIG-041041	237	6	4	44	0
CONTIG-041042	73	10	52	4	0
CONTIG-041043	65	12	17	29	0
CONTIG-041044	168	39	9	312	0
CONTIG-041045	87	4	7	4	0
CONTIG-041046	204	10	32	8	0
CONTIG-041047	45	360	42	77	0
CONTIG-041048	54	96	303	25	0
CONTIG-041049	89	14	5	4	0
CONTIG-041051	113	7	2	27	0
CONTIG-041052	164	16	9	123	0
CONTIG-041053	245	7	2	53	0
CONTIG-041054	201	9	17	34	0
CONTIG-041055	249	17	57	180	0
CONTIG-041056	96	4	5	4	0
CONTIG-041057	627	20	92	231	0
CONTIG-041058	149	12	34	56	0
CONTIG-041059	593	9	16	181	2
CONTIG-041061	217	14	3	0	0
CONTIG-041062	170	17	68	40	0
CONTIG-041064	262	10	16	93	2
CONTIG-041065	77	345	29	39	1060
CONTIG-041066	166	11	4	58	0
CONTIG-041067	92	5	8	8	0
CONTIG-041068	89	6	8	5	0
CONTIG-041071	146	18	61	59	0
CONTIG-041072	145	6	15	0	0
CONTIG-041073	71	7	6	12	0
CONTIG-041074	141	8	4	36	0
CONTIG-041075	77	47	9	109	4
CONTIG-041076	192	10	47	37	0
CONTIG-041077	1341	27	125	1515	10
CONTIG-041078	176	7	8	0	4
CONTIG-041079	71	110	60	247	2
CONTIG-041082	61	6	12	7	0
CONTIG-041085	347	33	29	90	8
CONTIG-041086	135	12	5	28	0
CONTIG-041087	148	8	24	37	0
CONTIG-041088	471	10	11	218	2
CONTIG-041089	170	3	0	0	0
CONTIG-041090	190	11	33	55	0
CONTIG-041091	108	3	0	10	0
CONTIG-041092	208	7	31	30	0

CONTIG-041093	689	66	2	3	554
CONTIG-041094	121	3	8	9	0
CONTIG-041095	74	116	14	473	0
CONTIG-041096	69	4	6	6	0
CONTIG-041098	152	22	5	124	0
CONTIG-041102	78	6	2	16	0
CONTIG-041103	97	7	19	17	0
CONTIG-041104	124	24	19	170	0
CONTIG-041105	322	47	69	267	0
CONTIG-041106	81	4	11	5	0
CONTIG-041107	96	5	16	8	0
CONTIG-041108	145	10	3	37	0
CONTIG-041109	190	18	3	0	0
CONTIG-041110	112	4	9	13	0
CONTIG-041111	670	15	33	297	4
CONTIG-041112	366	9	56	92	0
CONTIG-041113	196	5	6	27	0
CONTIG-041114	812	20	200	454	6
CONTIG-041115	205	8	38	44	0
CONTIG-041116	77	11	2	17	0
CONTIG-041117	159	7	5	27	0
CONTIG-041118	95	8	13	7	0
CONTIG-041119	723	19	19	345	2
CONTIG-041120	320	15	32	180	0
CONTIG-041121	287	8	5	49	2
CONTIG-041122	67	6	0	11	0
CONTIG-041123	66	8	10	8	0
CONTIG-041124	103	5	3	2	0
CONTIG-041125	90	33	163	45	0
CONTIG-041126	260	11	0	112	0
CONTIG-041127	269	15	72	67	0
CONTIG-041128	204	108	57	461	145
CONTIG-041129	150	18	13	95	0
CONTIG-041130	247	15	30	99	0
CONTIG-041131	60	23	5	37	0
CONTIG-041132	255	16	32	105	0
CONTIG-041133	147	8	7	17	0
CONTIG-041134	90	3	2	2	0
CONTIG-041135	162	18	10	98	0
CONTIG-041136	66	3	15	0	0
CONTIG-041137	347	14	22	41	0
CONTIG-041138	94	225	33	546	6
CONTIG-041139	231	13	58	76	3
CONTIG-041140	78	2	0	2	0
CONTIG-041141	107	13	6	36	0
CONTIG-041142	155	10	22	53	0
CONTIG-041143	84	6	0	20	0

CONTIG-041144	1341	23	30	1409	0
CONTIG-041145	69	3	7	4	0
CONTIG-041146	210	8	2	44	0
CONTIG-041147	268	17	107	114	0
CONTIG-041149	224	15	30	65	0
CONTIG-041150	99	6	4	23	3
CONTIG-041151	197	6	8	50	0
CONTIG-041152	197	13	18	98	0
CONTIG-041153	195	19	12	114	4
CONTIG-041154	58	12	8	26	0
CONTIG-041155	209	9	6	37	0
CONTIG-041156	147	13	7	50	2
CONTIG-041157	75	6	4	6	0
CONTIG-041158	236	9	6	59	0
CONTIG-041164	206	13	48	87	0
CONTIG-041165	110	8	5	22	0
CONTIG-041166	103	4	2	13	0
CONTIG-041167	64	6	21	2	0
CONTIG-041168	561	12	32	106	0
CONTIG-041171	69	6	17	0	2
CONTIG-041172	163	5	8	28	0
CONTIG-041173	406	8	11	102	0
CONTIG-041177	64	4	29	0	0
CONTIG-041178	181	7	14	30	0
CONTIG-041179	158	6	7	26	0
CONTIG-041180	69	5	0	8	0
CONTIG-041181	105	4	4	22	0
CONTIG-041182	98	7	2	32	0
CONTIG-041184	159	11	42	43	0
CONTIG-041185	387	6	8	68	0
CONTIG-041186	100	10	7	11	0
CONTIG-041188	414	13	35	239	0
CONTIG-041189	462	13	45	88	9
CONTIG-041190	72	34	10	52	0
CONTIG-041191	98	7	13	30	0
CONTIG-041192	83	13	24	31	0
CONTIG-041193	315	12	3	201	0
CONTIG-041194	930	41	29	26	0
CONTIG-041199	43	245	15	69	3
CONTIG-041200	143	6	5	20	0
CONTIG-041202	206	9	10	62	0
CONTIG-041203	98	4	4	4	0
CONTIG-041204	186	7	30	34	0
CONTIG-041205	167	9	12	48	0
CONTIG-041206	86	14	5	22	0
CONTIG-041207	714	37	83	307	15
CONTIG-041208	891	12	15	282	24

CONTIG-041209	103	5	8	11	0
CONTIG-041210	77	4	0	6	0
CONTIG-041211	101	9	20	14	0
CONTIG-041212	154	9	9	38	0
CONTIG-041213	284	13	29	59	2
CONTIG-041215	40	714	36	59	0
CONTIG-041216	286	6	8	66	0
CONTIG-041217	130	7	23	14	0
CONTIG-041218	448	18	28	224	4
CONTIG-041219	59	8	21	0	0
CONTIG-041220	223	9	2	65	0
CONTIG-041221	536	13	10	408	0
CONTIG-041222	175	8	13	28	0
CONTIG-041223	297	6	13	59	0
CONTIG-041225	379	11	8	130	0
CONTIG-041226	211	10	23	18	0
CONTIG-041227	79	4	5	4	0
CONTIG-041228	187	5	6	22	0
CONTIG-041229	529	11	31	214	0
CONTIG-041230	138	6	4	26	0
CONTIG-041232	675	18	15	60	2
CONTIG-041233	83	15	4	55	0
CONTIG-041235	87	4	6	2	0
CONTIG-041236	83	34	37	76	2
CONTIG-041237	181	10	10	46	2
CONTIG-041238	74	4	12	2	0
CONTIG-041240	111	12	36	36	0
CONTIG-041242	85	5	9	10	0
CONTIG-041243	100	9	4	26	0
CONTIG-041244	343	13	150	75	0
CONTIG-041245	143	11	0	0	0
CONTIG-041246	196	7	3	24	0
CONTIG-041247	171	13	7	98	0
CONTIG-041248	86	14	25	25	0
CONTIG-041249	204	7	45	29	0
CONTIG-041250	238	7	23	45	0
CONTIG-041251	147	5	8	30	0
CONTIG-041252	197	12	37	88	0
CONTIG-041253	58	4	0	2	0
CONTIG-041254	125	6	8	23	2
CONTIG-041255	63	5	2	0	0
CONTIG-041256	71	4	9	8	0
CONTIG-041257	226	8	0	60	0
CONTIG-041258	232	14	74	155	0
CONTIG-041259	204	7	12	61	0
CONTIG-041260	190	11	17	49	2
CONTIG-041264	67	6	5	2	0

CONTIG-041265	91	6	4	15	0
CONTIG-041266	71	6	4	21	0
CONTIG-041267	110	12	0	53	0
CONTIG-041268	874	20	8	4	513
CONTIG-041269	231	9	23	46	0
CONTIG-041270	86	4	2	7	0
CONTIG-041271	251	8	35	22	0
CONTIG-041272	154	11	5	69	0
CONTIG-041273	155	6	11	9	0
CONTIG-041274	60	6	10	5	0
CONTIG-041275	160	8	11	23	0
CONTIG-041276	88	8	20	13	0
CONTIG-041277	522	11	57	122	0
CONTIG-041279	680	13	16	353	0
CONTIG-041280	147	12	57	15	2
CONTIG-041281	748	23	70	478	2
CONTIG-041286	347	7	7	89	0
CONTIG-041287	79	5	8	9	0
CONTIG-041288	304	11	42	97	4
CONTIG-041289	356	11	5	20	0
CONTIG-041290	385	8	19	73	0
CONTIG-041291	107	5	0	5	0
CONTIG-041292	135	27	26	137	0
CONTIG-041293	305	6	8	48	2
CONTIG-041294	102	10	5	39	0
CONTIG-041307	169	50	14	488	0
CONTIG-041309	87	4	0	8	0
CONTIG-041310	126	4	3	8	0
CONTIG-041313	116	7	5	10	2
CONTIG-041314	84	6	6	23	0
CONTIG-041315	147	8	20	42	0
CONTIG-041316	195	12	37	87	0
CONTIG-041317	223	12	6	77	0
CONTIG-041319	166	7	20	45	0
CONTIG-041320	123	24	88	81	0
CONTIG-041321	327	10	0	90	2
CONTIG-041322	393	7	8	85	0
CONTIG-041323	121	21	38	32	0
CONTIG-041327	90	6	8	4	0
CONTIG-041329	119	7	4	8	2
CONTIG-041330	310	12	37	175	0
CONTIG-041331	159	6	20	21	0
CONTIG-041334	111	9	6	33	0
CONTIG-041335	53	35	36	19	0
CONTIG-041343	45	101	25	99	6
CONTIG-041344	123	4	0	0	0
CONTIG-041345	540	15	28	347	5

CONTIG-041346	622	22	147	403	3
CONTIG-041347	161	13	7	45	0
CONTIG-041348	81	4	0	17	0
CONTIG-041349	131	125	51	942	0
CONTIG-041350	124	6	3	4	2
CONTIG-041352	265	12	45	34	0
CONTIG-041353	184	6	17	29	0
CONTIG-041354	522	11	12	206	4
CONTIG-041355	288	9	6	112	0
CONTIG-041356	421	7	31	110	4
CONTIG-041357	192	6	4	38	0
CONTIG-041358	65	4	0	4	0
CONTIG-041359	331	6	9	54	0
CONTIG-041360	390	12	10	132	2
CONTIG-041361	262	34	21	405	0
CONTIG-041362	59	5	8	11	0
CONTIG-041363	527	7	14	50	4
CONTIG-041364	178	4	13	14	0
CONTIG-041365	72	6	22	4	0
CONTIG-041367	67	6	7	4	0
CONTIG-041368	408	10	40	98	0
CONTIG-041369	133	15	31	69	0
CONTIG-041370	88	10	37	8	0
CONTIG-041371	235	36	51	427	2
CONTIG-041372	111	7	0	28	0
CONTIG-041373	171	6	4	28	0
CONTIG-041374	192	7	4	11	2
CONTIG-041375	65	4	8	0	0
CONTIG-041376	103	10	14	29	2
CONTIG-041377	82	4	4	0	0
CONTIG-041378	104	10	22	33	0
CONTIG-041379	61	5	0	14	0
CONTIG-041380	161	7	38	24	0
CONTIG-041381	324	7	24	45	0
CONTIG-041382	60	7	10	0	0
CONTIG-041383	323	10	30	97	0
CONTIG-041384	123	10	40	19	0
CONTIG-041393	62	5	7	7	0
CONTIG-041394	152	11	15	35	0
CONTIG-041395	68	90	3	0	45
CONTIG-041396	423	10	0	0	6
CONTIG-041399	108	6	10	24	0
CONTIG-041400	74	9	4	13	0
CONTIG-041401	183	5	17	31	0
CONTIG-041402	67	4	2	5	0
CONTIG-041403	88	10	19	0	0
CONTIG-041404	476	11	13	219	2

CONTIG-041406	472	10	4	157	2
CONTIG-041408	66	4	7	10	0
CONTIG-041409	100	18	2	105	0
CONTIG-041411	62	308	33	250	99
CONTIG-041413	125	5	3	11	0
CONTIG-041414	92	8	4	18	0
CONTIG-041415	498	12	51	173	0
CONTIG-041416	127	7	2	19	2
CONTIG-041417	786	28	188	789	14
CONTIG-041418	74	84	10	147	0
CONTIG-041419	71	11	48	7	0
CONTIG-041420	152	15	11	70	2
CONTIG-041421	195	9	65	29	2
CONTIG-041422	224	5	14	27	0
CONTIG-041423	209	40	10	0	130
CONTIG-041424	433	11	26	132	0
CONTIG-041425	60	6	14	6	0
CONTIG-041426	287	13	18	143	0
CONTIG-041428	206	9	12	41	0
CONTIG-041429	101	7	7	12	0
CONTIG-041431	104	9	4	23	2
CONTIG-041432	86	14	21	42	0
CONTIG-041434	84	27	11	8	0
CONTIG-041441	101	6	5	14	0
CONTIG-041443	158	9	18	36	0
CONTIG-041444	112	7	5	13	0
CONTIG-041445	62	4	12	4	0
CONTIG-041449	72	19	11	44	0
CONTIG-041451	67	8	7	12	0
CONTIG-041452	72	4	7	8	0
CONTIG-041453	397	13	48	238	3
CONTIG-041454	66	9	50	4	0
CONTIG-041455	395	24	78	423	0
CONTIG-041456	359	12	26	90	4
CONTIG-041457	399	10	25	83	2
CONTIG-041458	108	6	18	4	0
CONTIG-041459	85	3	0	8	0
CONTIG-041460	126	4	7	11	0
CONTIG-041461	245	14	79	90	0
CONTIG-041470	59	3	14	0	0
CONTIG-041471	265	8	2	62	2
CONTIG-041472	104	32	16	78	2
CONTIG-041473	175	15	30	64	2
CONTIG-041474	302	25	70	124	6
CONTIG-041475	300	16	14	128	0
CONTIG-041476	199	12	8	107	0
CONTIG-041477	101	5	0	14	0

CONTIG-041478	58	2	2	0	0
CONTIG-041479	72	3	0	6	0
CONTIG-041480	137	7	17	29	0
CONTIG-041481	202	6	5	51	0
CONTIG-041489	155	10	2	73	0
CONTIG-041490	79	6	17	5	0
CONTIG-041491	110	4	5	10	0
CONTIG-041492	64	6	0	16	0
CONTIG-041493	139	4	5	8	0
CONTIG-041499	76	4	14	0	0
CONTIG-041505	232	8	24	67	0
CONTIG-041506	72	6	3	14	0
CONTIG-041507	59	2	0	7	0
CONTIG-041508	62	3	2	0	0
CONTIG-041509	173	7	16	50	0
CONTIG-041510	218	8	44	36	0
CONTIG-041511	156	10	2	69	0
CONTIG-041512	149	7	12	45	0
CONTIG-041513	65	24	117	0	0
CONTIG-041514	105	5	3	19	0
CONTIG-041516	143	12	15	49	0
CONTIG-041517	378	18	42	163	0
CONTIG-041518	59	21	38	4	0
CONTIG-041519	202	7	23	43	0
CONTIG-041520	552	27	8	816	2
CONTIG-041521	98	7	24	11	0
CONTIG-041522	361	58	11	0	88
CONTIG-041523	117	5	4	12	0
CONTIG-041524	129	9	8	34	0
CONTIG-041525	260	13	64	45	0
CONTIG-041526	142	6	2	33	0
CONTIG-041527	96	10	23	17	0
CONTIG-041529	239	8	2	76	0
CONTIG-041530	73	14	47	7	0
CONTIG-041531	64	10	10	0	0
CONTIG-041532	87	14	41	0	0
CONTIG-041533	134	9	14	19	0
CONTIG-041535	152	10	19	41	0
CONTIG-041537	404	8	22	60	0
CONTIG-041538	65	5	19	2	0
CONTIG-041539	78	30	29	63	0
CONTIG-041540	105	6	2	23	0
CONTIG-041541	81	6	8	10	0
CONTIG-041542	120	7	11	29	0
CONTIG-041543	71	70	77	10	0
CONTIG-041544	158	19	18	81	3
CONTIG-041546	337	9	5	86	0

CONTIG-041547	112	9	13	31	0
CONTIG-041548	64	3	5	5	0
CONTIG-041549	178	6	10	9	0
CONTIG-041550	43	214	53	294	9
CONTIG-041551	173	13	22	50	0
CONTIG-041552	232	8	10	11	0
CONTIG-041553	67	6	0	6	0
CONTIG-041554	75	3	2	0	0
CONTIG-041555	65	4	0	3	0
CONTIG-041556	97	7	16	15	0
CONTIG-041558	61	11	22	17	0
CONTIG-041559	100	10	2	39	0
CONTIG-041560	186	25	24	220	0
CONTIG-041561	163	10	48	29	0
CONTIG-041562	77	7	35	3	0
CONTIG-041563	155	47	68	0	40
CONTIG-041564	62	7	7	3	0
CONTIG-041565	370	38	39	357	0
CONTIG-041566	88	7	2	27	0
CONTIG-041567	576	13	28	340	0
CONTIG-041568	174	14	10	92	15
CONTIG-041569	868	20	73	804	0
CONTIG-041570	181	7	0	39	0
CONTIG-041572	71	8	4	12	0
CONTIG-041575	325	9	36	72	0
CONTIG-041576	82	17	2	41	2
CONTIG-041578	74	37	6	20	2
CONTIG-041579	837	17	14	816	2
CONTIG-041580	124	5	5	6	0
CONTIG-041581	68	5	0	10	0
CONTIG-041582	86	310	139	1122	3
CONTIG-041583	391	8	16	102	0
CONTIG-041584	145	9	27	21	2
CONTIG-041585	143	11	26	42	0
CONTIG-041586	272	8	12	29	0
CONTIG-041587	62	8	0	16	0
CONTIG-041588	129	6	8	37	0
CONTIG-041589	91	7	3	28	0
CONTIG-041590	231	6	0	48	0
CONTIG-041591	306	8	3	13	0
CONTIG-041592	88	6	0	18	0
CONTIG-041593	176	12	48	29	0
CONTIG-041594	76	26	32	93	0
CONTIG-041595	87	15	7	26	0
CONTIG-041596	431	75	0	0	137
CONTIG-041598	268	7	14	43	0
CONTIG-041599	73	12	0	9	2

CONTIG-041600	66	6	9	0	0
CONTIG-041601	79	148	37	434	2
CONTIG-041602	216	8	8	30	0
CONTIG-041603	153	7	9	35	0
CONTIG-041604	79	6	2	21	0
CONTIG-041605	149	6	8	23	0
CONTIG-041606	94	4	0	13	0
CONTIG-041607	211	6	14	43	0
CONTIG-041608	82	8	0	13	0
CONTIG-041609	259	25	84	168	3
CONTIG-041610	621	21	28	202	10
CONTIG-041611	160	10	13	43	0
CONTIG-041612	256	7	10	25	0
CONTIG-041613	83	10	3	38	0
CONTIG-041614	132	11	22	18	0
CONTIG-041615	84	5	0	10	0
CONTIG-041616	67	4	10	2	0
CONTIG-041617	278	17	2	2	0
CONTIG-041618	60	8	8	20	0
CONTIG-041620	254	9	12	93	0
CONTIG-041621	95	15	18	25	0
CONTIG-041622	78	8	2	4	0
CONTIG-041623	354	7	32	70	0
CONTIG-041624	164	6	25	11	0
CONTIG-041625	417	15	69	231	0
CONTIG-041626	197	11	4	48	0
CONTIG-041627	98	7	10	24	0
CONTIG-041628	188	7	5	37	0
CONTIG-041629	65	6	17	7	0
CONTIG-041630	144	9	15	39	0
CONTIG-041631	753	16	14	654	0
CONTIG-041632	191	11	34	74	0
CONTIG-041633	261	23	33	183	0
CONTIG-041634	279	7	5	38	2
CONTIG-041635	65	17	15	37	0
CONTIG-041636	329	37	87	299	5
CONTIG-041637	125	21	9	141	0
CONTIG-041638	108	9	3	13	0
CONTIG-041639	205	12	6	26	0
CONTIG-041640	298	13	16	190	0
CONTIG-041641	321	9	24	111	0
CONTIG-041642	170	12	26	50	2
CONTIG-041643	671	23	96	457	13
CONTIG-041644	95	3	0	9	0
CONTIG-041645	449	12	3	0	11
CONTIG-041646	401	15	15	287	0
CONTIG-041647	66	4	10	4	0

CONTIG-041648	267	14	2	173	0
CONTIG-041649	336	7	6	84	0
CONTIG-041650	123	9	8	34	0
CONTIG-041651	89	6	2	4	0
CONTIG-041653	175	25	18	119	0
CONTIG-041654	82	8	12	15	0
CONTIG-041655	114	115	38	511	0
CONTIG-041657	543	14	45	166	0
CONTIG-041658	115	10	2	49	0
CONTIG-041659	242	8	19	23	0
CONTIG-041660	178	12	147	13	2
CONTIG-041661	58	7	14	6	0
CONTIG-041662	85	17	17	40	0
CONTIG-041663	84	6	8	11	0
CONTIG-041664	1204	17	58	793	12
CONTIG-041665	115	4	5	6	0
CONTIG-041667	102	10	7	40	0
CONTIG-041668	186	27	34	269	0
CONTIG-041669	85	6	6	24	0
CONTIG-041670	59	3	10	4	0
CONTIG-041671	101	4	7	10	0
CONTIG-041672	64	6	4	0	0
CONTIG-041673	258	9	3	105	4
CONTIG-041674	190	24	25	173	2
CONTIG-041675	116	5	8	5	0
CONTIG-041676	118	23	14	61	5
CONTIG-041677	120	7	26	0	0
CONTIG-041678	60	3	7	2	0
CONTIG-041679	298	15	28	196	0
CONTIG-041680	205	20	17	180	2
CONTIG-041682	278	12	18	13	0
CONTIG-041689	152	4	0	10	0
CONTIG-041690	81	23	13	48	0
CONTIG-041692	57	17	14	14	0
CONTIG-041693	167	7	2	45	0
CONTIG-041694	93	6	0	16	0
CONTIG-041695	64	5	4	7	0
CONTIG-041696	305	15	32	165	2
CONTIG-041697	143	23	19	106	0
CONTIG-041698	426	7	4	26	0
CONTIG-041699	90	7	29	0	0
CONTIG-041700	151	9	2	15	0
CONTIG-041701	345	10	14	108	0
CONTIG-041702	138	79	92	393	4
CONTIG-041703	303	9	30	80	0
CONTIG-041704	295	12	42	127	0
CONTIG-041705	59	9	27	8	0

CONTIG-041706	120	12	7	69	0
CONTIG-041707	72	10	8	25	0
CONTIG-041708	303	11	44	144	0
CONTIG-041709	147	6	7	28	2
CONTIG-041710	64	18	35	16	0
CONTIG-041711	150	7	9	33	0
CONTIG-041712	125	2	4	2	0
CONTIG-041713	192	14	19	86	2
CONTIG-041714	554	17	223	292	2
CONTIG-041715	82	24	54	25	0
CONTIG-041716	106	6	4	2	0
CONTIG-041717	68	15	3	38	0
CONTIG-041718	101	6	0	19	0
CONTIG-041719	675	38	122	951	6
CONTIG-041720	268	5	3	32	2
CONTIG-041721	568	10	13	201	0
CONTIG-041722	253	12	15	124	0
CONTIG-041723	106	29	22	0	0
CONTIG-041724	201	15	4	33	2
CONTIG-041726	253	9	30	24	0
CONTIG-041727	62	13	49	9	0
CONTIG-041728	65	69	15	65	0
CONTIG-041730	134	4	20	4	0
CONTIG-041731	62	4	6	4	0
CONTIG-041732	104	7	17	20	0
CONTIG-041733	504	10	22	207	2
CONTIG-041734	207	8	0	36	2
CONTIG-041736	176	8	9	19	0
CONTIG-041739	77	3	6	0	0
CONTIG-041740	125	9	0	35	2
CONTIG-041741	100	5	16	0	0
CONTIG-041742	85	13	2	6	27
CONTIG-041744	68	7	2	21	0
CONTIG-041745	317	15	23	134	0
CONTIG-041746	118	35	20	85	2
CONTIG-041747	385	15	101	195	0
CONTIG-041748	97	5	19	4	0
CONTIG-041749	134	5	6	16	2
CONTIG-041750	232	7	8	42	0
CONTIG-041751	295	13	30	107	0
CONTIG-041752	284	15	72	110	0
CONTIG-041753	217	7	10	33	2
CONTIG-041754	826	27	108	1190	0
CONTIG-041755	469	11	52	176	0
CONTIG-041756	171	11	2	66	0
CONTIG-041757	144	15	0	85	0
CONTIG-041758	188	54	55	193	0

CONTIG-041759	108	12	68	10	0
CONTIG-041760	512	18	21	261	2
CONTIG-041763	165	8	3	56	0
CONTIG-041764	124	7	3	3	0
CONTIG-041765	78	5	17	6	0
CONTIG-041766	806	16	90	303	2
CONTIG-041767	109	5	7	15	0
CONTIG-041768	69	8	11	17	0
CONTIG-041776	95	5	28	0	0
CONTIG-041777	64	108	43	242	0
CONTIG-041778	126	16	2	61	2
CONTIG-041779	381	12	9	133	0
CONTIG-041780	973	13	25	259	10
CONTIG-041781	73	56	11	128	0
CONTIG-041782	68	8	2	27	0
CONTIG-041783	173	7	12	36	0
CONTIG-041785	229	9	11	57	0
CONTIG-041786	389	14	6	275	0
CONTIG-041787	195	7	5	24	0
CONTIG-041788	469	28	158	346	4
CONTIG-041789	259	7	11	43	2
CONTIG-041790	135	6	13	18	0
CONTIG-041792	225	7	26	21	0
CONTIG-041793	224	13	13	90	0
CONTIG-041794	79	14	13	0	0
CONTIG-041795	97	3	2	11	0
CONTIG-041796	123	3	5	10	0
CONTIG-041797	115	5	4	10	0
CONTIG-041798	60	2	0	2	0
CONTIG-041799	63	5	0	3	0
CONTIG-041800	107	29	10	97	0
CONTIG-041801	292	4	2	21	0
CONTIG-041802	156	14	2	126	0
CONTIG-041803	411	7	34	88	2
CONTIG-041804	595	20	65	428	2
CONTIG-041805	77	4	0	9	0
CONTIG-041812	249	11	26	130	0
CONTIG-041813	605	48	93	1313	2
CONTIG-041814	59	6	3	2	0
CONTIG-041815	72	6	4	13	0
CONTIG-041816	247	7	27	47	0
CONTIG-041817	80	5	0	9	0
CONTIG-041818	217	10	14	62	2
CONTIG-041819	120	14	6	45	0
CONTIG-041820	134	14	21	6	0
CONTIG-041823	134	9	32	35	0
CONTIG-041824	78	20	18	47	0

CONTIG-041825	254	8	21	44	2
CONTIG-041826	109	4	8	11	0
CONTIG-041827	148	7	2	9	0
CONTIG-041828	208	8	19	38	0
CONTIG-041829	117	10	36	30	0
CONTIG-041830	716	10	19	179	2
CONTIG-041831	102	7	0	15	0
CONTIG-041833	259	8	30	9	0
CONTIG-041834	210	10	3	44	0
CONTIG-041835	381	11	5	62	0
CONTIG-041836	81	6	4	4	0
CONTIG-041837	58	3	0	5	0
CONTIG-041838	217	34	31	352	0
CONTIG-041841	295	46	77	651	2
CONTIG-041842	489	39	26	244	0
CONTIG-041843	137	7	27	29	0
CONTIG-041844	75	60	26	56	0
CONTIG-041845	61	11	9	12	0
CONTIG-041846	486	8	73	94	0
CONTIG-041847	248	11	4	95	0
CONTIG-041849	135	3	2	10	0
CONTIG-041850	93	6	2	18	0
CONTIG-041851	553	17	15	449	0
CONTIG-041852	95	5	12	8	0
CONTIG-041853	66	6	7	5	0
CONTIG-041854	690	30	15	680	0
CONTIG-041855	294	8	45	76	0
CONTIG-041856	66	3	4	0	0
CONTIG-041857	316	15	45	123	2
CONTIG-041858	265	15	34	98	2
CONTIG-041859	125	6	10	16	0
CONTIG-041860	99	8	5	31	0
CONTIG-041861	449	9	33	33	0
CONTIG-041862	124	9	10	24	3
CONTIG-041863	135	9	19	42	0
CONTIG-041864	125	5	9	18	0
CONTIG-041865	179	7	2	32	0
CONTIG-041866	313	8	27	83	2
CONTIG-041867	576	13	9	241	8
CONTIG-041868	263	20	37	221	0
CONTIG-041869	129	5	5	17	0
CONTIG-041870	83	4	3	15	0
CONTIG-041871	59	7	2	11	2
CONTIG-041872	128	2	0	8	0
CONTIG-041873	210	5	9	32	0
CONTIG-041874	485	21	26	406	6
CONTIG-041875	91	5	9	12	0

CONTIG-041876	81	3	4	4	0
CONTIG-041877	183	12	46	36	0
CONTIG-041878	93	6	4	17	0
CONTIG-041879	95	13	28	27	2
CONTIG-041881	59	10	53	5	0
CONTIG-041882	70	24	20	33	0
CONTIG-041883	98	8	33	4	0
CONTIG-041884	510	19	15	444	0
CONTIG-041886	158	18	13	89	0
CONTIG-041888	72	6	4	13	0
CONTIG-041889	108	5	2	25	0
CONTIG-041890	62	6	4	6	0
CONTIG-041891	156	8	5	41	2
CONTIG-041892	170	7	3	28	0
CONTIG-041894	39	34	9	14	0
CONTIG-041895	105	14	8	41	0
CONTIG-041903	203	23	40	179	0
CONTIG-041904	247	18	5	2	0
CONTIG-041905	113	10	3	13	0
CONTIG-041906	213	14	8	45	0
CONTIG-041907	398	11	64	46	0
CONTIG-041908	355	21	58	97	22
CONTIG-041909	148	3	0	6	0
CONTIG-041910	211	18	31	135	0
CONTIG-041911	393	19	37	397	0
CONTIG-041913	115	12	16	27	0
CONTIG-041914	200	8	7	47	0
CONTIG-041915	111	11	13	41	2
CONTIG-041916	136	640	30	186	0
CONTIG-041917	169	7	10	28	0
CONTIG-041918	70	11	4	14	0
CONTIG-041919	164	12	8	41	0
CONTIG-041920	129	14	17	6	0
CONTIG-041921	94	9	36	17	0
CONTIG-041922	109	8	10	28	0
CONTIG-041923	272	55	180	241	0
CONTIG-041925	94	8	6	23	0
CONTIG-041927	85	19	75	6	0
CONTIG-041928	625	19	112	524	5
CONTIG-041929	422	37	84	256	15
CONTIG-041930	262	20	113	70	0
CONTIG-041931	61	9	10	9	0
CONTIG-041932	324	13	34	99	0
CONTIG-041933	85	6	17	7	0
CONTIG-041936	427	10	15	194	0
CONTIG-041938	189	6	8	35	2
CONTIG-041939	150	9	9	62	0

CONTIG-041940	225	33	67	290	0
CONTIG-041941	158	10	23	56	0
CONTIG-041942	162	18	13	110	0
CONTIG-041943	82	12	5	45	0
CONTIG-041944	63	16	8	38	0
CONTIG-041945	106	17	5	48	0
CONTIG-041947	67	7	2	2	0
CONTIG-041948	150	4	28	10	0
CONTIG-041949	170	25	40	242	0
CONTIG-041950	201	12	7	51	2
CONTIG-041951	1019	34	34	1465	11
CONTIG-041952	245	13	51	57	2
CONTIG-041954	861	12	0	356	12
CONTIG-041955	117	9	2	28	0
CONTIG-041956	592	10	59	110	3
CONTIG-041957	182	6	19	32	0
CONTIG-041959	270	15	53	88	0
CONTIG-041960	83	15	14	41	0
CONTIG-041962	66	6	12	0	0
CONTIG-041963	636	30	35	984	2
CONTIG-041964	121	11	20	49	0
CONTIG-041965	69	2	0	3	0
CONTIG-041966	164	7	14	33	0
CONTIG-041967	62	5	11	4	0
CONTIG-041968	151	15	0	122	0
CONTIG-041969	367	12	3	150	0
CONTIG-041970	235	11	10	73	4
CONTIG-041971	87	9	11	18	0
CONTIG-041972	135	35	6	182	2
CONTIG-041973	85	5	2	9	0
CONTIG-041975	223	6	34	39	0
CONTIG-041976	330	8	5	2	6
CONTIG-041977	129	21	7	134	0
CONTIG-041978	158	12	44	43	0
CONTIG-041980	296	14	4	179	0
CONTIG-041981	434	14	42	232	0
CONTIG-041982	126	8	2	15	0
CONTIG-041984	150	8	8	41	0
CONTIG-041985	92	15	2	30	0
CONTIG-041986	336	12	7	94	2
CONTIG-041987	596	12	127	238	0
CONTIG-041988	165	27	35	212	0
CONTIG-041989	86	7	17	17	0
CONTIG-041990	203	7	8	46	0
CONTIG-041991	120	6	10	2	0
CONTIG-041992	87	7	2	27	0
CONTIG-041993	121	5	41	10	0

CONTIG-041994	62	6	2	13	0
CONTIG-041995	88	10	4	29	0
CONTIG-041996	326	15	20	88	0
CONTIG-041997	515	15	8	5	0
CONTIG-041998	97	7	22	11	0
CONTIG-041999	58	5	2	10	2
CONTIG-042000	156	9	16	43	0
CONTIG-042001	92	8	49	0	0
CONTIG-042003	279	7	25	25	0
CONTIG-042004	116	5	7	18	0
CONTIG-042005	88	7	6	0	0
CONTIG-042006	144	3	15	18	0
CONTIG-042007	88	5	0	8	0
CONTIG-042008	69	13	0	0	0
CONTIG-042009	67	882	12	1610	0
CONTIG-042010	142	11	40	34	3
CONTIG-042016	139	15	61	22	0
CONTIG-042017	299	18	3	229	2
CONTIG-042018	126	9	4	45	0
CONTIG-042019	159	8	10	34	0
CONTIG-042020	401	17	21	233	0
CONTIG-042021	241	12	18	54	0
CONTIG-042022	233	10	12	49	0
CONTIG-042023	145	4	16	6	0
CONTIG-042025	76	6	6	5	0
CONTIG-042026	355	7	26	65	0
CONTIG-042027	67	6	0	4	0
CONTIG-042028	210	8	5	68	0
CONTIG-042029	84	7	4	24	0
CONTIG-042031	177	11	24	72	0
CONTIG-042032	93	9	63	11	0
CONTIG-042033	469	20	19	484	0
CONTIG-042036	182	4	7	13	0
CONTIG-042037	348	28	48	508	0
CONTIG-042038	76	6	2	20	0
CONTIG-042046	545	20	20	204	0
CONTIG-042047	124	6	65	0	0
CONTIG-042048	191	21	27	117	2
CONTIG-042050	128	8	14	14	0
CONTIG-042051	127	9	10	22	2
CONTIG-042052	325	6	11	31	0
CONTIG-042053	182	6	8	26	2
CONTIG-042055	90	5	6	19	0
CONTIG-042056	167	8	7	21	2
CONTIG-042057	92	6	5	19	0
CONTIG-042058	93	3	4	2	0
CONTIG-042059	187	12	37	23	0

CONTIG-042060	300	15	6	136	2
CONTIG-042061	78	5	2	2	0
CONTIG-042064	138	4	0	13	0
CONTIG-042065	118	11	14	30	0
CONTIG-042066	150	9	68	13	0
CONTIG-042067	157	2	0	13	0
CONTIG-042068	88	11	15	39	0
CONTIG-042069	381	24	51	103	4
CONTIG-042070	88	5	0	0	0
CONTIG-042071	63	6	4	6	0
CONTIG-042077	88	14	2	52	0
CONTIG-042078	167	5	2	23	2
CONTIG-042079	91	8	7	12	0
CONTIG-042080	258	12	7	107	0
CONTIG-042081	136	11	21	53	0
CONTIG-042082	86	6	23	0	0
CONTIG-042083	97	14	25	29	0
CONTIG-042084	637	15	47	343	0
CONTIG-042085	115	28	20	97	0
CONTIG-042086	95	13	16	4	0
CONTIG-042087	362	9	3	78	0
CONTIG-042088	206	10	16	64	0
CONTIG-042089	106	6	14	17	0
CONTIG-042090	105	70	21	0	0
CONTIG-042091	90	7	0	5	0
CONTIG-042093	193	18	36	95	2
CONTIG-042094	249	11	14	97	0
CONTIG-042095	244	10	22	73	0
CONTIG-042096	81	7	4	12	0
CONTIG-042097	72	30	63	0	0
CONTIG-042098	290	6	20	47	0
CONTIG-042099	76	3	15	0	0
CONTIG-042104	154	9	6	37	0
CONTIG-042105	141	6	4	32	0
CONTIG-042106	88	4	2	2	0
CONTIG-042107	66	11	4	24	0
CONTIG-042109	244	8	3	22	0
CONTIG-042110	116	7	21	2	0
CONTIG-042111	143	5	8	8	0
CONTIG-042112	160	9	3	24	0
CONTIG-042113	609	11	23	314	0
CONTIG-042114	78	3	0	6	0
CONTIG-042115	206	10	8	67	0
CONTIG-042116	253	8	32	29	0
CONTIG-042117	603	21	9	195	6
CONTIG-042118	133	9	0	0	0
CONTIG-042119	70	20	41	6	0

CONTIG-042120	281	10	25	90	0
CONTIG-042121	152	3	4	5	0
CONTIG-042123	96	16	13	30	2
CONTIG-042124	216	11	62	80	0
CONTIG-042128	148	6	15	13	2
CONTIG-042129	273	14	134	106	0
CONTIG-042130	124	3	13	4	0
CONTIG-042131	64	4	10	2	0
CONTIG-042132	93	5	5	5	0
CONTIG-042133	362	8	24	89	0
CONTIG-042134	82	9	0	37	2
CONTIG-042135	209	9	8	30	2
CONTIG-042136	146	11	4	32	0
CONTIG-042137	386	12	110	52	0
CONTIG-042138	86	3	0	0	0
CONTIG-042139	154	4	35	12	0
CONTIG-042141	65	5	5	0	0
CONTIG-042144	115	11	51	6	0
CONTIG-042145	78	5	4	12	0
CONTIG-042146	140	15	6	73	0
CONTIG-042147	98	7	0	20	0
CONTIG-042148	126	21	12	101	0
CONTIG-042149	261	19	109	53	0
CONTIG-042150	114	6	4	24	0
CONTIG-042151	435	21	46	362	0
CONTIG-042152	76	3	0	6	0
CONTIG-042153	148	8	11	28	0
CONTIG-042154	357	15	21	154	0
CONTIG-042155	330	19	35	144	2
CONTIG-042158	185	6	6	51	0
CONTIG-042159	209	14	0	37	8
CONTIG-042160	259	9	16	45	2
CONTIG-042163	111	9	6	21	0
CONTIG-042164	200	9	25	75	0
CONTIG-042165	224	7	5	19	2
CONTIG-042166	178	17	9	82	0
CONTIG-042167	85	19	42	17	0
CONTIG-042168	79	4	3	3	0
CONTIG-042169	199	10	7	82	0
CONTIG-042170	87	6	15	11	0
CONTIG-042171	36	1427	7	76	0
CONTIG-042172	132	7	0	2	0
CONTIG-042173	181	6	8	33	0
CONTIG-042174	125	528	67	73	1823
CONTIG-042175	95	16	22	43	0
CONTIG-042177	460	17	75	305	4
CONTIG-042178	526	12	12	137	2

CONTIG-042181	566	13	103	290	0
CONTIG-042186	126	4	3	9	0
CONTIG-042191	71	7	32	2	0
CONTIG-042195	671	15	78	317	0
CONTIG-042197	77	38	4	164	0
CONTIG-042198	119	19	4	81	2
CONTIG-042199	61	5	17	0	0
CONTIG-042200	154	12	30	46	0
CONTIG-042201	92	6	8	19	0
CONTIG-042202	369	9	6	108	2
CONTIG-042203	190	4	8	10	0
CONTIG-042204	113	12	4	57	3
CONTIG-042205	127	7	9	25	0
CONTIG-042206	82	4	2	8	0
CONTIG-042207	73	5	0	11	0
CONTIG-042208	67	7	10	8	0
CONTIG-042210	40	21	2	35	0
CONTIG-042211	107	2	0	0	0
CONTIG-042212	80	4	0	5	0
CONTIG-042213	157	6	4	4	0
CONTIG-042214	246	18	84	90	0
CONTIG-042215	291	5	6	39	2
CONTIG-042216	78	6	0	8	0
CONTIG-042217	514	29	83	39	0
CONTIG-042218	185	11	26	78	0
CONTIG-042219	167	5	0	23	0
CONTIG-042220	240	12	15	97	0
CONTIG-042221	89	3	13	5	0
CONTIG-042222	491	16	53	94	0
CONTIG-042223	115	3	5	0	0
CONTIG-042224	93	6	2	17	0
CONTIG-042225	211	15	41	93	0
CONTIG-042228	84	6	10	11	0
CONTIG-042229	373	19	31	340	0
CONTIG-042232	228	8	13	42	2
CONTIG-042234	97	58	14	325	0
CONTIG-042235	507	10	23	116	2
CONTIG-042236	117	27	17	87	0
CONTIG-042237	62	3	3	0	0
CONTIG-042238	58	6	15	0	0
CONTIG-042239	161	6	12	0	15
CONTIG-042241	102	4	2	7	0
CONTIG-042242	128	16	38	39	0
CONTIG-042243	192	12	20	57	0
CONTIG-042244	222	60	18	0	0
CONTIG-042245	177	4	9	14	0
CONTIG-042246	157	152	508	718	0

CONTIG-042247	213	8	15	57	0
CONTIG-042248	468	10	2	0	16
CONTIG-042250	275	5	10	49	0
CONTIG-042251	196	6	27	29	0
CONTIG-042252	60	4	0	3	0
CONTIG-042253	190	13	25	78	0
CONTIG-042255	325	12	55	126	0
CONTIG-042256	146	9	4	6	0
CONTIG-042258	110	4	0	12	0
CONTIG-042259	316	24	17	218	13
CONTIG-042260	428	9	20	116	0
CONTIG-042262	156	6	11	18	0
CONTIG-042263	72	7	15	8	0
CONTIG-042264	88	6	8	24	0
CONTIG-042266	62	3	8	0	0
CONTIG-042267	730	17	67	321	15
CONTIG-042268	81	4	6	10	0
CONTIG-042269	587	21	17	541	2
CONTIG-042270	129	4	9	21	0
CONTIG-042271	184	11	12	49	0
CONTIG-042272	89	6	6	4	0
CONTIG-042273	61	24	59	4	7
CONTIG-042274	492	12	16	186	10
CONTIG-042275	62	3	0	2	0
CONTIG-042276	87	11	2	24	0
CONTIG-042277	105	15	41	37	2
CONTIG-042278	96	13	5	40	0
CONTIG-042281	74	5	5	5	0
CONTIG-042282	93	10	7	0	0
CONTIG-042283	335	9	84	47	0
CONTIG-042285	69	6	14	2	0
CONTIG-042286	250	9	5	94	0
CONTIG-042287	169	9	8	37	0
CONTIG-042288	222	27	29	215	0
CONTIG-042289	134	3	5	4	0
CONTIG-042290	60	23	17	44	0
CONTIG-042291	192	8	3	9	0
CONTIG-042292	285	17	22	171	0
CONTIG-042293	150	10	7	38	0
CONTIG-042294	387	11	11	166	2
CONTIG-042295	71	11	10	30	0
CONTIG-042296	111	15	26	16	0
CONTIG-042297	751	11	34	330	2
CONTIG-042299	241	5	11	28	0
CONTIG-042300	295	16	13	94	2
CONTIG-042305	142	9	2	58	0
CONTIG-042306	237	8	46	26	0

CONTIG-042307	76	6	13	8	0
CONTIG-042308	180	20	40	43	5
CONTIG-042309	88	7	15	0	0
CONTIG-042310	143	9	23	31	0
CONTIG-042316	204	39	49	429	0
CONTIG-042317	409	10	54	136	0
CONTIG-042318	116	6	10	16	0
CONTIG-042319	247	22	62	205	0
CONTIG-042320	293	25	43	63	0
CONTIG-042321	78	4	4	5	0
CONTIG-042322	153	7	8	22	0
CONTIG-042323	64	14	17	0	0
CONTIG-042324	83	13	4	43	0
CONTIG-042326	78	4	0	7	0
CONTIG-042327	52	1047	11	2699	0
CONTIG-042328	87	11	13	33	0
CONTIG-042329	99	13	16	21	0
CONTIG-042330	130	7	5	9	0
CONTIG-042331	87	6	8	9	0
CONTIG-042332	552	64	16	38	0
CONTIG-042333	199	6	8	20	0
CONTIG-042334	84	58	86	192	0
CONTIG-042335	68	3	0	5	0
CONTIG-042336	103	22	17	109	0
CONTIG-042337	356	21	18	86	0
CONTIG-042338	59	8	9	20	0
CONTIG-042339	62	12	10	10	0
CONTIG-042340	210	15	24	125	2
CONTIG-042341	292	18	30	151	0
CONTIG-042342	408	9	20	107	2
CONTIG-042343	198	166	23	2029	0
CONTIG-042345	164	36	53	199	0
CONTIG-042346	138	11	7	33	0
CONTIG-042347	155	6	14	32	0
CONTIG-042348	187	17	11	128	0
CONTIG-042349	236	9	32	76	0
CONTIG-042350	754	16	19	479	2
CONTIG-042353	280	12	32	94	0
CONTIG-042355	410	14	28	117	9
CONTIG-042356	61	2	11	0	0
CONTIG-042357	112	10	0	15	0
CONTIG-042358	72	5	8	4	0
CONTIG-042359	122	9	10	33	0
CONTIG-042360	61	3	0	3	0
CONTIG-042361	196	8	17	54	0
CONTIG-042362	586	15	16	346	4
CONTIG-042363	97	18	19	0	0

CONTIG-042364	66	47	7	120	2
CONTIG-042365	1052	26	2	0	100
CONTIG-042366	60	8	9	22	0
CONTIG-042367	246	10	18	73	0
CONTIG-042368	534	17	124	104	2
CONTIG-042369	63	17	47	8	2
CONTIG-042370	222	6	57	7	0
CONTIG-042371	100	6	0	19	0
CONTIG-042372	175	20	73	97	0
CONTIG-042374	51	16	4	15	0
CONTIG-042375	117	4	6	8	0
CONTIG-042376	170	8	31	37	0
CONTIG-042377	446	19	27	83	0
CONTIG-042378	178	17	44	160	0
CONTIG-042379	199	8	27	23	0
CONTIG-042380	72	3	2	2	0
CONTIG-042383	127	5	9	16	0
CONTIG-042385	151	12	6	57	0
CONTIG-042386	213	7	13	49	2
CONTIG-042390	215	32	35	166	0
CONTIG-042393	226	17	7	60	2
CONTIG-042394	177	67	5	0	236
CONTIG-042395	72	36	29	7	22
CONTIG-042397	173	6	8	23	0
CONTIG-042399	309	9	39	26	0
CONTIG-042400	197	9	7	47	0
CONTIG-042401	87	9	0	34	0
CONTIG-042405	240	7	12	53	0
CONTIG-042406	346	13	2	0	21
CONTIG-042407	95	7	17	10	0
CONTIG-042408	115	5	2	2	0
CONTIG-042409	723	36	120	1102	2
CONTIG-042410	109	65	23	332	0
CONTIG-042411	86	11	8	4	2
CONTIG-042412	219	8	12	45	0
CONTIG-042413	65	6	10	4	0
CONTIG-042415	179	8	13	60	0
CONTIG-042416	141	3	6	0	0
CONTIG-042417	113	12	23	13	0
CONTIG-042419	319	26	26	351	0
CONTIG-042420	294	10	10	88	0
CONTIG-042421	58	3	2	0	0
CONTIG-042422	214	7	32	29	0
CONTIG-042423	168	11	6	56	2
CONTIG-042424	78	5	0	8	0
CONTIG-042425	146	12	20	33	0
CONTIG-042426	296	7	8	48	0

CONTIG-042427	66	293	25	874	2
CONTIG-042428	116	14	26	50	2
CONTIG-042429	77	3	0	9	0
CONTIG-042431	92	6	15	17	0
CONTIG-042432	100	8	5	4	0
CONTIG-042433	108	5	2	7	0
CONTIG-042434	271	19	76	100	0
CONTIG-042435	108	10	3	51	0
CONTIG-042436	102	9	23	13	0
CONTIG-042437	93	12	2	0	8
CONTIG-042438	358	8	12	64	0
CONTIG-042439	143	4	0	2	2
CONTIG-042440	160	12	16	23	3
CONTIG-042441	212	22	6	124	0
CONTIG-042442	207	6	14	33	0
CONTIG-042443	287	13	21	86	2
CONTIG-042444	267	11	27	53	2
CONTIG-042445	103	8	9	19	0
CONTIG-042447	237	11	34	85	0
CONTIG-042448	139	6	11	8	0
CONTIG-042449	136	6	6	11	0
CONTIG-042450	82	8	12	2	0
CONTIG-042451	242	9	93	48	0
CONTIG-042452	236	9	10	66	0
CONTIG-042457	91	3	5	6	0
CONTIG-042458	974	25	74	1435	0
CONTIG-042459	77	12	12	17	0
CONTIG-042460	163	6	3	8	0
CONTIG-042461	258	9	25	41	0
CONTIG-042462	193	7	4	43	0
CONTIG-042463	110	3	0	0	0
CONTIG-042464	317	7	22	70	2
CONTIG-042465	110	12	7	30	0
CONTIG-042466	277	13	24	73	2
CONTIG-042467	69	6	2	12	0
CONTIG-042468	63	14	11	19	0
CONTIG-042469	70	9	10	17	0
CONTIG-042471	70	7	2	13	0
CONTIG-042472	95	6	26	7	0
CONTIG-042474	239	8	7	39	0
CONTIG-042475	308	20	41	338	0
CONTIG-042476	106	10	2	34	0
CONTIG-042477	78	6	2	18	0
CONTIG-042478	349	46	145	354	8
CONTIG-042479	164	7	12	11	2
CONTIG-042480	103	7	0	24	3
CONTIG-042481	250	31	17	394	8

CONTIG-042482	155	7	11	16	0
CONTIG-042483	80	3	5	0	0
CONTIG-042484	177	5	4	29	0
CONTIG-042485	86	10	22	19	2
CONTIG-042486	370	8	34	26	0
CONTIG-042487	228	8	0	44	0
CONTIG-042488	94	6	6	0	0
CONTIG-042489	326	7	4	57	0
CONTIG-042491	120	7	5	25	0
CONTIG-042492	222	7	8	43	0
CONTIG-042493	127	7	2	31	2
CONTIG-042494	71	3	3	4	0
CONTIG-042496	73	6	0	20	0
CONTIG-042497	145	7	10	25	0
CONTIG-042498	372	15	40	85	0
CONTIG-042499	232	12	13	91	0
CONTIG-042500	171	12	35	18	0
CONTIG-042501	89	5	0	5	0
CONTIG-042502	84	9	12	15	0
CONTIG-042503	428	12	25	131	2
CONTIG-042504	63	12	20	24	0
CONTIG-042505	78	6	15	6	0
CONTIG-042506	404	16	73	243	0
CONTIG-042507	270	9	20	58	2
CONTIG-042508	310	18	71	158	0
CONTIG-042509	76	4	0	4	0
CONTIG-042512	357	13	0	90	0
CONTIG-042513	96	11	0	34	0
CONTIG-042514	75	33	54	34	0
CONTIG-042515	49	888	116	15	852
CONTIG-042517	126	26	12	109	0
CONTIG-042518	91	43	15	200	0
CONTIG-042519	92	4	8	6	2
CONTIG-042520	106	7	4	37	0
CONTIG-042521	162	8	3	45	0
CONTIG-042522	59	5	0	9	0
CONTIG-042523	206	20	14	152	0
CONTIG-042524	50	10	36	0	0
CONTIG-042525	90	8	24	2	0
CONTIG-042526	158	16	10	106	0
CONTIG-042527	133	9	8	13	0
CONTIG-042528	133	4	4	14	0
CONTIG-042529	618	21	150	458	2
CONTIG-042530	165	9	20	37	0
CONTIG-042531	446	12	12	172	7
CONTIG-042533	343	17	42	164	2
CONTIG-042534	102	27	59	92	0

CONTIG-042535	313	10	58	28	6
CONTIG-042536	289	16	21	183	10
CONTIG-042537	95	10	7	13	2
CONTIG-042538	101	13	19	63	0
CONTIG-042539	83	11	11	19	0
CONTIG-042540	161	8	8	50	0
CONTIG-042541	196	13	21	59	0
CONTIG-042542	88	10	2	37	0
CONTIG-042543	124	7	5	15	0
CONTIG-042544	118	10	23	30	0
CONTIG-042545	90	8	38	4	0
CONTIG-042546	199	11	77	13	0
CONTIG-042547	81	6	6	4	0
CONTIG-042548	69	13	13	14	0
CONTIG-042549	351	9	26	104	0
CONTIG-042550	707	53	56	1139	68
CONTIG-042552	61	5	6	9	0
CONTIG-042553	110	6	7	5	0
CONTIG-042554	111	8	3	38	0
CONTIG-042555	242	9	24	59	0
CONTIG-042556	203	6	23	14	0
CONTIG-042558	167	13	14	69	0
CONTIG-042559	208	11	5	84	0
CONTIG-042560	233	16	15	98	2
CONTIG-042561	107	31	19	96	0
CONTIG-042562	72	83	39	180	11
CONTIG-042564	77	30	7	0	0
CONTIG-042565	211	17	60	53	0
CONTIG-042566	383	9	5	144	0
CONTIG-042567	61	5	0	6	0
CONTIG-042568	79	3	0	6	0
CONTIG-042569	85	24	9	73	0
CONTIG-042570	167	11	14	28	2
CONTIG-042571	106	3	2	6	0
CONTIG-042572	285	15	12	150	0
CONTIG-042573	129	54	35	45	0
CONTIG-042574	62	25	35	69	0
CONTIG-042575	380	12	16	149	0
CONTIG-042576	115	7	5	19	0
CONTIG-042577	147	9	2	56	2
CONTIG-042578	163	11	40	16	2
CONTIG-042579	82	3	3	5	0
CONTIG-042584	137	4	8	13	0
CONTIG-042586	220	7	2	67	0
CONTIG-042587	473	8	12	83	0
CONTIG-042588	178	6	24	28	0
CONTIG-042589	175	8	6	26	0

CONTIG-042590	84	7	11	7	2
CONTIG-042591	76	3	2	3	0
CONTIG-042592	171	6	4	24	0
CONTIG-042593	146	6	39	8	0
CONTIG-042594	172	16	5	69	3
CONTIG-042595	244	16	63	32	0
CONTIG-042596	96	11	26	26	0
CONTIG-042597	425	8	2	32	0
CONTIG-042598	95	3	0	4	0
CONTIG-042599	316	8	5	123	0
CONTIG-042600	168	6	2	24	0
CONTIG-042601	531	24	64	463	6
CONTIG-042604	121	380	52	2198	30
CONTIG-042605	85	18	8	31	0
CONTIG-042606	154	16	7	45	7
CONTIG-042607	78	4	0	9	0
CONTIG-042608	161	9	7	65	0
CONTIG-042609	128	43	10	287	2
CONTIG-042610	157	12	10	75	0
CONTIG-042611	679	17	44	138	0
CONTIG-042612	60	6	4	7	0
CONTIG-042613	130	6	2	6	0
CONTIG-042614	367	17	7	297	0
CONTIG-042615	137	7	2	34	0
CONTIG-042616	103	7	3	21	0
CONTIG-042617	207	7	34	48	0
CONTIG-042618	370	17	44	205	0
CONTIG-042619	194	10	19	81	0
CONTIG-042620	169	15	20	58	0
CONTIG-042623	210	8	30	26	0
CONTIG-042624	332	6	4	31	0
CONTIG-042625	227	8	0	47	0
CONTIG-042626	42	105	12	176	0
CONTIG-042627	334	10	4	145	0
CONTIG-042630	228	26	52	144	0
CONTIG-042631	182	11	29	44	3
CONTIG-042632	123	5	4	16	0
CONTIG-042633	324	15	71	138	4
CONTIG-042634	131	4	7	16	0
CONTIG-042637	185	5	6	31	0
CONTIG-042638	200	12	48	73	0
CONTIG-042639	345	11	26	113	0
CONTIG-042640	196	11	11	64	2
CONTIG-042641	139	5	5	4	0
CONTIG-042642	146	11	17	16	0
CONTIG-042643	423	8	17	67	2
CONTIG-042644	734	13	23	255	9

CONTIG-042645	318	12	9	115	0
CONTIG-042646	140	7	4	23	0
CONTIG-042647	87	5	11	10	0
CONTIG-042648	216	26	36	155	0
CONTIG-042650	106	4	20	5	0
CONTIG-042651	424	8	16	87	0
CONTIG-042652	706	19	4	2	0
CONTIG-042653	329	12	37	101	0
CONTIG-042654	183	136	56	1424	0
CONTIG-042655	66	10	9	0	0
CONTIG-042657	95	4	3	15	0
CONTIG-042658	262	5	14	38	0
CONTIG-042659	109	25	43	27	2
CONTIG-042660	121	13	11	52	0
CONTIG-042662	112	16	7	44	0
CONTIG-042663	66	5	2	11	0
CONTIG-042664	60	2	2	6	0
CONTIG-042665	109	4	4	6	0
CONTIG-042666	170	15	21	80	2
CONTIG-042667	85	12	4	39	0
CONTIG-042668	198	6	12	27	0
CONTIG-042669	323	6	24	22	0
CONTIG-042670	69	9	12	0	0
CONTIG-042671	294	5	13	50	0
CONTIG-042672	60	6	3	13	0
CONTIG-042673	62	3	6	2	0
CONTIG-042674	131	7	3	37	0
CONTIG-042675	64	13	18	18	0
CONTIG-042676	283	18	29	124	0
CONTIG-042677	474	11	24	114	0
CONTIG-042680	89	7	53	7	0
CONTIG-042681	65	8	16	9	0
CONTIG-042683	199	8	9	45	0
CONTIG-042684	95	4	9	2	0
CONTIG-042685	350	7	34	79	2
CONTIG-042686	231	10	59	26	0
CONTIG-042687	68	52	0	127	0
CONTIG-042688	188	4	0	14	0
CONTIG-042689	108	9	4	29	0
CONTIG-042690	126	4	11	7	0
CONTIG-042692	923	58	93	1506	158
CONTIG-042693	79	5	6	9	0
CONTIG-042694	316	8	11	46	2
CONTIG-042695	58	9	21	11	0
CONTIG-042696	310	11	17	101	0
CONTIG-042697	586	16	50	337	0
CONTIG-042698	357	7	46	80	0

CONTIG-042699	131	12	3	52	0
CONTIG-042700	330	13	39	125	4
CONTIG-042701	69	8	27	4	0
CONTIG-042702	93	4	5	16	0
CONTIG-042704	176	7	2	37	0
CONTIG-042705	233	7	5	50	0
CONTIG-042706	76	3	6	0	0
CONTIG-042707	340	7	8	14	0
CONTIG-042708	950	16	46	77	38
CONTIG-042709	155	11	58	48	0
CONTIG-042710	68	34	13	6	0
CONTIG-042711	116	6	17	0	0
CONTIG-042712	467	13	42	236	0
CONTIG-042713	427	12	13	266	0
CONTIG-042714	126	13	29	7	0
CONTIG-042715	181	41	16	343	2
CONTIG-042716	110	4	7	6	0
CONTIG-042717	384	13	0	129	0
CONTIG-042719	174	10	7	44	0
CONTIG-042720	160	12	11	30	0
CONTIG-042721	90	6	0	16	0
CONTIG-042723	149	2	2	6	0
CONTIG-042724	291	6	2	72	0
CONTIG-042726	62	3	0	4	0
CONTIG-042727	83	5	0	9	2
CONTIG-042728	266	20	27	130	8
CONTIG-042731	130	10	11	38	0
CONTIG-042732	96	8	12	14	0
CONTIG-042733	743	14	3	0	80
CONTIG-042734	72	4	3	10	0
CONTIG-042735	85	4	0	2	0
CONTIG-042737	222	6	8	20	0
CONTIG-042738	85	18	3	41	0
CONTIG-042739	224	8	2	56	0
CONTIG-042740	807	81	15	0	352
CONTIG-042741	349	10	17	134	0
CONTIG-042743	95	6	2	11	0
CONTIG-042744	122	22	26	75	0
CONTIG-042745	72	7	5	2	0
CONTIG-042746	72	12	8	23	0
CONTIG-042750	181	16	82	89	0
CONTIG-042751	58	3	12	2	0
CONTIG-042752	207	14	53	100	0
CONTIG-042753	59	24	19	39	0
CONTIG-042754	272	8	24	7	0
CONTIG-042758	75	6	7	15	0
CONTIG-042759	73	2	2	3	0

CONTIG-042760	64	4	5	4	0
CONTIG-042761	268	10	42	29	4
CONTIG-042762	230	6	14	41	0
CONTIG-042763	153	4	13	10	0
CONTIG-042765	115	9	0	30	0
CONTIG-042767	134	6	11	17	0
CONTIG-042768	115	11	3	42	2
CONTIG-042769	181	5	4	8	0
CONTIG-042770	272	19	12	319	0
CONTIG-042771	79	5	10	0	0
CONTIG-042772	78	3	4	3	0
CONTIG-042773	64	9	10	3	0
CONTIG-042774	174	18	2	178	0
CONTIG-042775	867	14	21	129	37
CONTIG-042776	151	7	21	31	0
CONTIG-042777	293	6	46	28	0
CONTIG-042779	1237	31	4	4	2
CONTIG-042780	145	25	25	80	0
CONTIG-042781	536	20	23	522	4
CONTIG-042782	142	8	36	36	0
CONTIG-042783	231	6	0	45	2
CONTIG-042784	70	3	3	6	0
CONTIG-042785	116	19	13	97	0
CONTIG-042786	87	11	20	0	0
CONTIG-042787	109	33	17	116	0
CONTIG-042788	191	4	2	9	0
CONTIG-042789	225	12	41	101	0
CONTIG-042790	278	18	25	74	10
CONTIG-042791	233	12	11	128	0
CONTIG-042792	69	9	14	0	0
CONTIG-042793	65	9	11	16	0
CONTIG-042795	356	13	83	95	0
CONTIG-042796	99	4	3	8	0
CONTIG-042797	173	11	32	47	0
CONTIG-042798	100	3	6	9	0
CONTIG-042799	167	9	5	52	0
CONTIG-042802	62	4	3	7	0
CONTIG-042803	67	13	20	24	0
CONTIG-042804	505	31	50	442	17
CONTIG-042805	295	16	29	161	0
CONTIG-042806	141	11	9	45	0
CONTIG-042808	47	24	12	46	0
CONTIG-042809	135	17	53	71	0
CONTIG-042810	139	10	8	57	0
CONTIG-042811	102	18	33	0	0
CONTIG-042812	100	8	17	0	0
CONTIG-042813	72	4	2	4	0

CONTIG-042814	339	13	78	153	6
CONTIG-042815	81	4	2	12	0
CONTIG-042816	77	6	6	16	0
CONTIG-042817	1068	18	58	400	0
CONTIG-042820	302	10	28	68	2
CONTIG-042821	117	5	2	25	0
CONTIG-042822	205	24	11	235	0
CONTIG-042823	89	25	27	44	0
CONTIG-042824	242	7	10	35	0
CONTIG-042825	219	9	11	60	0
CONTIG-042826	74	5	13	6	0
CONTIG-042827	689	29	98	460	32
CONTIG-042829	293	9	10	74	0
CONTIG-042830	95	4	0	12	0
CONTIG-042831	469	10	12	240	0
CONTIG-042832	62	7	9	17	0
CONTIG-042833	71	12	19	11	0
CONTIG-042834	222	15	2	18	0
CONTIG-042835	100	8	3	17	0
CONTIG-042837	68	7	6	17	0
CONTIG-042838	63	7	3	7	0
CONTIG-042839	221	6	9	44	2
CONTIG-042840	186	13	54	91	0
CONTIG-042843	59	14	20	6	0
CONTIG-042844	157	10	5	47	0
CONTIG-042845	104	6	5	7	0
CONTIG-042846	110	8	7	22	0
CONTIG-042847	172	39	99	218	5
CONTIG-042848	182	11	17	34	0
CONTIG-042850	121	14	58	27	0
CONTIG-042851	321	17	86	67	0
CONTIG-042852	124	9	17	0	0
CONTIG-042853	453	11	38	167	0
CONTIG-042854	81	5	2	14	0
CONTIG-042855	184	13	15	97	0
CONTIG-042856	181	9	5	60	0
CONTIG-042857	531	16	35	485	0
CONTIG-042858	129	11	12	65	0
CONTIG-042860	112	19	36	39	0
CONTIG-042861	157	15	34	58	2
CONTIG-042862	156	7	6	19	0
CONTIG-042863	147	5	4	26	0
CONTIG-042864	100	9	21	24	0
CONTIG-042865	59	23	6	53	0
CONTIG-042866	244	8	34	41	0
CONTIG-042867	83	8	7	2	0
CONTIG-042868	76	9	50	3	0

CONTIG-042873	86	11	49	10	0
CONTIG-042874	150	5	12	19	0
CONTIG-042875	69	19	14	54	0
CONTIG-042877	391	12	6	136	0
CONTIG-042879	64	9	10	13	2
CONTIG-042880	104	8	7	16	0
CONTIG-042881	72	5	4	6	0
CONTIG-042884	149	25	0	133	6
CONTIG-042885	187	10	7	91	0
CONTIG-042888	153	10	6	61	0
CONTIG-042889	222	6	6	49	0
CONTIG-042890	81	8	20	17	0
CONTIG-042898	172	6	7	12	0
CONTIG-042899	200	7	27	9	0
CONTIG-042900	104	10	24	17	0
CONTIG-042901	274	16	14	112	0
CONTIG-042902	68	20	91	28	0
CONTIG-042903	251	12	7	10	0
CONTIG-042904	110	9	64	5	0
CONTIG-042905	149	5	23	12	0
CONTIG-042906	106	8	11	34	0
CONTIG-042907	157	14	25	74	0
CONTIG-042908	82	8	21	17	0
CONTIG-042909	114	7	16	25	0
CONTIG-042910	61	4	2	9	0
CONTIG-042911	260	15	14	87	0
CONTIG-042912	71	568	13	2326	7
CONTIG-042913	315	9	10	123	0
CONTIG-042916	128	7	5	20	0
CONTIG-042917	188	10	11	14	3
CONTIG-042918	84	3	6	2	0
CONTIG-042919	353	47	6	0	0
CONTIG-042920	621	15	7	263	0
CONTIG-042921	69	5	0	10	0
CONTIG-042923	147	6	18	14	0
CONTIG-042925	926	11	39	335	0
CONTIG-042926	68	4	0	2	0
CONTIG-042927	91	5	5	9	0
CONTIG-042928	133	19	32	98	0
CONTIG-042929	209	13	8	72	0
CONTIG-042930	123	3	5	2	0
CONTIG-042931	267	10	56	80	0
CONTIG-042932	260	9	14	65	0
CONTIG-042933	928	62	11	60	0
CONTIG-042934	58	5	14	2	0
CONTIG-042935	251	12	16	94	0
CONTIG-042936	106	7	55	4	0

CONTIG-042938	75	11	15	16	0
CONTIG-042939	113	8	64	4	0
CONTIG-042940	233	10	17	110	0
CONTIG-042941	475	6	6	119	0
CONTIG-042942	86	6	2	20	0
CONTIG-042943	133	6	0	24	0
CONTIG-042944	61	4	5	6	0
CONTIG-042945	101	6	5	29	0
CONTIG-042947	78	12	8	29	0
CONTIG-042948	75	105	0	4	0
CONTIG-042949	54	108	0	0	0
CONTIG-042952	130	5	0	20	0
CONTIG-042953	155	3	0	9	0
CONTIG-042955	99	14	59	7	0
CONTIG-042956	198	97	42	1194	0
CONTIG-042957	62	6	0	9	0
CONTIG-042958	292	11	11	72	6
CONTIG-042959	290	12	11	121	2
CONTIG-042960	92	12	21	26	0
CONTIG-042961	66	4	9	5	0
CONTIG-042962	99	6	2	7	0
CONTIG-042963	309	8	19	72	0
CONTIG-042965	213	8	4	57	0
CONTIG-042966	180	13	32	44	0
CONTIG-042967	61	6	8	9	0
CONTIG-042968	252	7	4	63	0
CONTIG-042969	369	13	44	237	0
CONTIG-042970	104	11	5	2	0
CONTIG-042971	115	7	9	29	0
CONTIG-042972	354	16	114	233	2
CONTIG-042979	105	86	25	237	5
CONTIG-042983	195	5	2	28	0
CONTIG-042985	84	4	9	2	0
CONTIG-042986	106	5	5	9	0
CONTIG-042988	58	9	2	12	0
CONTIG-042989	80	16	2	36	0
CONTIG-042990	176	4	3	13	0
CONTIG-042991	41	6	2	2	0
CONTIG-042992	82	3	0	2	0
CONTIG-042993	387	13	32	142	0
CONTIG-042994	67	6	21	4	0
CONTIG-042995	357	18	4	257	4
CONTIG-042996	172	7	23	23	0
CONTIG-042997	205	6	17	34	2
CONTIG-042998	122	12	27	18	0
CONTIG-042999	329	10	56	48	4
CONTIG-043000	458	11	7	189	2

CONTIG-043001	120	8	20	23	0
CONTIG-043002	169	6	7	2	0
CONTIG-043003	153	10	34	31	0
CONTIG-043004	59	21	40	19	0
CONTIG-043005	88	21	0	95	0
CONTIG-043006	249	7	9	29	0
CONTIG-043007	230	12	11	115	0
CONTIG-043008	44	8	3	8	0
CONTIG-043009	90	9	16	8	2
CONTIG-043010	89	15	19	44	0
CONTIG-043011	136	35	4	0	0
CONTIG-043014	223	5	14	12	0
CONTIG-043015	100	20	3	0	0
CONTIG-043016	452	14	26	225	6
CONTIG-043017	127	6	20	10	0
CONTIG-043018	81	2	7	0	0
CONTIG-043019	139	8	7	24	0
CONTIG-043020	68	9	17	2	0
CONTIG-043021	60	9	26	6	0
CONTIG-043022	128	10	5	34	0
CONTIG-043023	388	42	28	942	0
CONTIG-043024	124	15	25	61	0
CONTIG-043025	102	7	11	6	0
CONTIG-043026	184	8	9	47	0
CONTIG-043028	281	11	2	83	4
CONTIG-043029	249	7	2	44	0
CONTIG-043031	131	8	2	15	0
CONTIG-043032	214	18	8	56	0
CONTIG-043033	450	10	6	146	14
CONTIG-043034	251	11	20	131	0
CONTIG-043035	125	9	3	36	0
CONTIG-043038	273	6	5	54	2
CONTIG-043039	79	4	2	4	0
CONTIG-043040	123	7	0	29	0
CONTIG-043041	189	5	7	7	0
CONTIG-043042	280	9	6	73	0
CONTIG-043045	76	5	11	12	0
CONTIG-043046	68	7	6	13	0
CONTIG-043047	65	3	2	0	0
CONTIG-043048	61	3	2	4	0
CONTIG-043049	193	14	46	108	2
CONTIG-043050	260	24	37	356	0
CONTIG-043051	256	14	33	95	0
CONTIG-043059	150	13	20	77	0
CONTIG-043060	39	78	10	98	0
CONTIG-043062	58	229	33	247	0
CONTIG-043063	467	12	35	2	23

CONTIG-043064	124	35	10	153	2
CONTIG-043065	265	43	143	174	26
CONTIG-043066	66	7	6	0	0
CONTIG-043067	59	9	5	14	0
CONTIG-043068	151	55	15	317	0
CONTIG-043069	106	11	127	0	0
CONTIG-043070	81	7	23	6	2
CONTIG-043072	135	5	2	29	0
CONTIG-043073	189	8	4	17	0
CONTIG-043074	180	12	35	85	0
CONTIG-043076	338	16	30	255	0
CONTIG-043077	163	9	29	50	0
CONTIG-043078	104	8	24	0	0
CONTIG-043083	77	3	0	10	0
CONTIG-043084	677	31	9	1243	0
CONTIG-043085	101	4	0	8	0
CONTIG-043086	286	9	10	44	0
CONTIG-043087	70	3	4	8	0
CONTIG-043088	130	16	8	41	0
CONTIG-043089	431	14	49	164	0
CONTIG-043090	366	45	83	686	0
CONTIG-043091	236	11	2	111	5
CONTIG-043092	166	12	101	36	0
CONTIG-043093	232	8	3	48	0
CONTIG-043095	101	10	16	36	0
CONTIG-043096	192	4	5	25	0
CONTIG-043097	85	6	23	0	0
CONTIG-043098	208	5	2	36	0
CONTIG-043104	648	18	78	469	0
CONTIG-043105	388	10	16	117	0
CONTIG-043106	54	401	23	902	0
CONTIG-043107	518	26	42	532	3
CONTIG-043108	163	13	11	72	0
CONTIG-043109	281	6	37	17	0
CONTIG-043110	1120	24	23	705	11
CONTIG-043111	100	6	5	18	0
CONTIG-043112	184	14	17	93	0
CONTIG-043113	260	9	8	87	0
CONTIG-043115	74	11	8	25	0
CONTIG-043116	129	4	6	5	0
CONTIG-043117	156	23	56	120	0
CONTIG-043118	86	3	2	6	0
CONTIG-043119	504	14	22	16	9
CONTIG-043120	194	9	4	80	0
CONTIG-043121	61	2	3	2	0
CONTIG-043122	163	6	20	21	0
CONTIG-043123	87	42	34	128	0

CONTIG-043124	107	19	24	83	0
CONTIG-043125	692	35	38	1241	4
CONTIG-043126	81	5	12	0	0
CONTIG-043128	355	10	13	49	2
CONTIG-043129	75	11	2	36	0
CONTIG-043130	139	5	2	18	0
CONTIG-043131	243	6	6	33	0
CONTIG-043132	155	7	0	30	0
CONTIG-043135	120	13	12	51	0
CONTIG-043136	86	8	3	27	0
CONTIG-043137	454	8	4	104	0
CONTIG-043138	104	7	44	5	0
CONTIG-043139	336	35	20	774	0
CONTIG-043141	61	11	13	29	0
CONTIG-043142	60	5	4	11	0
CONTIG-043143	285	8	6	77	0
CONTIG-043144	65	3	0	0	0
CONTIG-043145	87	18	6	62	0
CONTIG-043146	381	12	24	87	5
CONTIG-043147	58	12	2	35	0
CONTIG-043148	235	8	14	55	2
CONTIG-043149	126	8	4	21	0
CONTIG-043150	179	12	12	71	0
CONTIG-043151	513	22	86	282	0
CONTIG-043152	80	16	106	16	0
CONTIG-043153	140	38	11	282	2
CONTIG-043154	671	16	38	457	4
CONTIG-043155	133	6	0	17	0
CONTIG-043156	144	10	12	49	0
CONTIG-043157	223	7	13	18	0
CONTIG-043158	81	3	15	2	0
CONTIG-043159	157	10	98	20	0
CONTIG-043161	65	9	0	0	2
CONTIG-043163	117	9	8	34	0
CONTIG-043164	556	18	36	131	2
CONTIG-043168	83	18	11	55	0
CONTIG-043169	115	11	15	25	0
CONTIG-043172	83	3	2	2	0
CONTIG-043173	162	14	7	63	2
CONTIG-043174	401	8	43	43	0
CONTIG-043175	409	10	53	159	0
CONTIG-043177	149	8	10	26	0
CONTIG-043178	103	3	0	5	0
CONTIG-043179	220	7	10	45	0
CONTIG-043180	834	21	129	711	4
CONTIG-043181	144	9	3	30	0
CONTIG-043182	471	19	26	116	0

CONTIG-043183	208	18	9	133	0
CONTIG-043184	138	10	7	41	0
CONTIG-043185	172	12	23	69	0
CONTIG-043186	163	10	10	54	2
CONTIG-043187	285	8	10	69	0
CONTIG-043188	483	13	57	160	0
CONTIG-043189	143	9	14	29	0
CONTIG-043190	554	19	49	244	0
CONTIG-043191	200	19	26	126	0
CONTIG-043192	455	17	0	2	38
CONTIG-043193	98	12	49	7	0
CONTIG-043194	117	8	16	33	0
CONTIG-043195	144	5	0	24	2
CONTIG-043196	64	2	0	0	0
CONTIG-043197	524	17	39	210	10
CONTIG-043199	65	4	9	0	0
CONTIG-043204	175	4	3	12	0
CONTIG-043205	86	10	9	26	0
CONTIG-043206	475	8	49	82	0
CONTIG-043207	375	13	26	229	0
CONTIG-043208	98	73	30	225	4
CONTIG-043209	113	8	10	14	0
CONTIG-043210	530	7	5	96	0
CONTIG-043211	473	88	3	0	23
CONTIG-043212	282	16	25	114	0
CONTIG-043213	122	10	11	28	0
CONTIG-043214	88	8	6	31	0
CONTIG-043215	240	15	61	80	0
CONTIG-043216	764	14	33	193	0
CONTIG-043217	69	7	4	0	0
CONTIG-043218	91	9	6	24	0
CONTIG-043219	130	27	3	122	0
CONTIG-043220	68	10	3	6	0
CONTIG-043221	89	7	6	19	0
CONTIG-043222	75	5	0	9	0
CONTIG-043223	66	8	2	18	0
CONTIG-043224	402	6	25	72	0
CONTIG-043225	144	9	14	40	2
CONTIG-043226	441	12	50	180	4
CONTIG-043234	65	4	2	6	0
CONTIG-043235	97	10	38	0	0
CONTIG-043236	271	9	30	11	0
CONTIG-043237	183	125	573	452	2
CONTIG-043238	519	32	0	0	42
CONTIG-043239	120	6	6	21	0
CONTIG-043240	226	14	43	79	2
CONTIG-043241	193	7	7	27	0

CONTIG-043243	71	19	15	59	0
CONTIG-043244	225	5	11	4	0
CONTIG-043245	256	8	20	70	0
CONTIG-043246	65	5	4	5	0
CONTIG-043247	323	10	21	87	0
CONTIG-043248	85	9	7	7	0
CONTIG-043251	482	70	86	1333	2
CONTIG-043252	397	8	9	78	0
CONTIG-043253	114	5	7	14	0
CONTIG-043254	88	5	5	9	0
CONTIG-043255	554	11	21	219	0
CONTIG-043256	826	19	122	496	2
CONTIG-043257	141	8	26	13	0
CONTIG-043258	383	19	98	352	0
CONTIG-043259	310	16	22	255	0
CONTIG-043260	100	6	2	15	0
CONTIG-043261	170	9	19	39	0
CONTIG-043262	376	6	5	11	0
CONTIG-043263	61	6	7	6	0
CONTIG-043264	138	8	20	25	2
CONTIG-043265	250	20	22	52	0
CONTIG-043266	139	10	4	28	0
CONTIG-043267	88	28	62	41	0
CONTIG-043268	72	9	0	23	0
CONTIG-043270	430	10	32	143	0
CONTIG-043271	211	7	6	15	0
CONTIG-043272	77	24	9	75	0
CONTIG-043276	105	4	6	12	0
CONTIG-043277	147	8	6	48	0
CONTIG-043278	45	13	7	15	0
CONTIG-043279	107	6	17	11	0
CONTIG-043280	93	11	25	19	0
CONTIG-043282	148	6	11	16	0
CONTIG-043283	314	13	45	121	0
CONTIG-043284	79	8	0	22	0
CONTIG-043285	173	13	50	34	0
CONTIG-043286	142	132	44	824	0
CONTIG-043288	100	6	4	14	0
CONTIG-043289	213	11	3	83	4
CONTIG-043290	312	18	42	223	0
CONTIG-043291	124	7	32	7	2
CONTIG-043292	75	18	40	21	0
CONTIG-043293	328	7	8	45	2
CONTIG-043294	81	7	8	12	0
CONTIG-043295	242	12	27	99	0
CONTIG-043297	793	12	66	237	0
CONTIG-043298	264	29	74	104	7

CONTIG-043299	395	29	46	222	2
CONTIG-043300	160	5	14	28	0
CONTIG-043301	364	11	12	200	0
CONTIG-043302	110	7	6	25	0
CONTIG-043303	255	11	13	81	2
CONTIG-043305	326	9	23	66	0
CONTIG-043306	342	12	30	78	2
CONTIG-043307	324	16	48	270	0
CONTIG-043308	145	7	9	34	0
CONTIG-043309	250	8	14	42	0
CONTIG-043310	166	7	56	20	0
CONTIG-043311	348	9	2	19	0
CONTIG-043312	93	2	12	0	0
CONTIG-043313	89	5	17	4	0
CONTIG-043315	68	4	2	11	0
CONTIG-043316	66	7	11	10	0
CONTIG-043317	58	7	11	6	0
CONTIG-043318	150	7	4	41	0
CONTIG-043319	143	10	12	59	0
CONTIG-043320	158	7	28	17	0
CONTIG-043321	262	11	17	81	0
CONTIG-043322	244	9	13	64	0
CONTIG-043323	304	8	33	45	0
CONTIG-043324	130	7	16	10	0
CONTIG-043325	96	12	39	4	0
CONTIG-043326	353	10	40	139	2
CONTIG-043327	57	18	83	4	0
CONTIG-043328	92	4	4	2	0
CONTIG-043329	96	5	8	6	0
CONTIG-043331	113	5	18	13	0
CONTIG-043333	223	5	29	19	0
CONTIG-043334	90	3	13	3	0
CONTIG-043335	98	4	10	6	0
CONTIG-043336	126	11	2	35	0
CONTIG-043337	98	7	11	23	0
CONTIG-043338	308	20	17	88	2
CONTIG-043339	261	85	18	1244	0
CONTIG-043340	129	9	18	0	7
CONTIG-043341	99	18	4	0	14
CONTIG-043342	300	16	46	227	3
CONTIG-043343	193	8	20	13	0
CONTIG-043344	414	34	55	448	0
CONTIG-043345	188	14	30	31	0
CONTIG-043346	240	7	23	53	0
CONTIG-043347	495	11	45	150	0
CONTIG-043348	64	7	10	10	0
CONTIG-043349	303	13	12	141	0

CONTIG-043350	178	6	4	26	0
CONTIG-043351	121	11	9	29	0
CONTIG-043352	136	18	13	53	0
CONTIG-043353	92	4	4	14	0
CONTIG-043354	94	10	4	30	0
CONTIG-043358	88	5	0	14	0
CONTIG-043359	66	3	2	7	0
CONTIG-043360	409	10	35	90	3
CONTIG-043361	176	88	6	715	0
CONTIG-043363	232	7	0	69	0
CONTIG-043364	70	6	4	9	0
CONTIG-043365	256	8	22	35	0
CONTIG-043366	96	7	6	11	0
CONTIG-043367	94	8	2	15	2
CONTIG-043368	178	7	8	25	0
CONTIG-043369	75	6	13	4	2
CONTIG-043370	94	5	12	8	0
CONTIG-043371	91	3	3	8	0
CONTIG-043372	108	6	12	12	0
CONTIG-043373	476	13	105	202	0
CONTIG-043374	230	9	2	83	2
CONTIG-043375	101	6	0	15	0
CONTIG-043376	143	19	41	40	0
CONTIG-043378	87	3	3	4	0
CONTIG-043379	136	6	0	36	0
CONTIG-043382	207	17	20	104	0
CONTIG-043383	380	10	26	114	0
CONTIG-043384	238	7	8	61	0
CONTIG-043385	306	18	0	57	0
CONTIG-043389	64	7	2	21	0
CONTIG-043390	220	9	34	25	2
CONTIG-043391	196	8	22	26	0
CONTIG-043392	105	6	9	9	0
CONTIG-043394	268	9	17	60	0
CONTIG-043395	90	9	19	4	0
CONTIG-043396	196	8	0	46	0
CONTIG-043397	301	6	8	54	0
CONTIG-043399	444	10	19	116	19
CONTIG-043400	83	10	6	29	0
CONTIG-043401	156	7	54	9	0
CONTIG-043402	186	9	53	46	0
CONTIG-043403	433	16	20	299	2
CONTIG-043404	73	3	4	7	0
CONTIG-043405	123	51	39	332	0
CONTIG-043406	67	9	5	15	0
CONTIG-043407	137	9	11	56	0
CONTIG-043414	606	32	25	1252	0

CONTIG-043415	141	7	11	21	0
CONTIG-043416	85	24	5	97	2
CONTIG-043417	180	14	9	85	0
CONTIG-043418	307	7	7	50	7
CONTIG-043419	73	19	33	25	0
CONTIG-043420	95	40	13	149	0
CONTIG-043421	367	13	18	136	4
CONTIG-043422	505	14	19	315	0
CONTIG-043425	286	21	14	226	0
CONTIG-043426	58	3	0	4	0
CONTIG-043428	99	7	23	22	0
CONTIG-043429	70	20	10	24	0
CONTIG-043430	125	12	8	52	0
CONTIG-043436	101	3	6	5	0
CONTIG-043437	923	28	13	1622	0
CONTIG-043438	64	5	3	8	0
CONTIG-043442	133	5	4	18	0
CONTIG-043443	59	7	25	0	0
CONTIG-043444	59	4	2	2	0
CONTIG-043445	166	5	4	25	0
CONTIG-043446	87	11	0	10	0
CONTIG-043448	645	14	63	155	0
CONTIG-043453	63	9	2	24	2
CONTIG-043455	71	7	8	17	0
CONTIG-043458	523	9	0	0	4
CONTIG-043459	163	7	34	14	0
CONTIG-043461	688	14	153	233	0
CONTIG-043462	136	3	2	11	0
CONTIG-043464	149	10	4	34	0
CONTIG-043465	98	19	45	2	0
CONTIG-043466	150	10	18	44	2
CONTIG-043467	232	4	2	13	0
CONTIG-043468	126	6	17	4	0
CONTIG-043469	222	9	15	7	0
CONTIG-043470	212	8	39	28	4
CONTIG-043471	61	4	5	0	0
CONTIG-043472	59	7	8	8	0
CONTIG-043473	143	9	10	34	0
CONTIG-043474	58	10	9	12	0
CONTIG-043475	278	9	3	27	0
CONTIG-043476	158	22	40	93	0
CONTIG-043477	100	24	33	61	0
CONTIG-043478	118	35	49	123	0
CONTIG-043479	223	14	56	11	4
CONTIG-043480	280	8	75	23	2
CONTIG-043481	136	5	9	21	0
CONTIG-043483	88	5	8	10	0

CONTIG-043484	216	9	5	75	0
CONTIG-043485	182	13	44	70	0
CONTIG-043486	64	8	6	0	0
CONTIG-043487	87	3	0	2	2
CONTIG-043488	638	18	40	344	2
CONTIG-043489	146	18	117	29	0
CONTIG-043490	431	11	38	129	2
CONTIG-043491	94	5	12	7	0
CONTIG-043492	484	15	114	201	2
CONTIG-043493	104	5	4	16	0
CONTIG-043495	193	11	41	65	2
CONTIG-043496	150	6	5	26	0
CONTIG-043497	60	8	3	13	0
CONTIG-043498	255	7	2	60	2
CONTIG-043499	174	7	4	50	0
CONTIG-043508	103	11	5	35	0
CONTIG-043509	279	8	26	55	0
CONTIG-043510	223	18	10	108	6
CONTIG-043511	66	14	49	0	0
CONTIG-043512	99	9	14	2	0
CONTIG-043513	914	23	15	28	0
CONTIG-043515	148	6	25	18	0
CONTIG-043516	390	9	4	65	0
CONTIG-043517	145	18	19	72	0
CONTIG-043518	70	10	5	3	0
CONTIG-043519	129	7	2	19	0
CONTIG-043520	260	13	14	98	0
CONTIG-043521	78	3	5	2	0
CONTIG-043522	160	69	61	439	2
CONTIG-043523	238	7	17	19	0
CONTIG-043524	136	14	17	52	0
CONTIG-043525	139	7	0	25	0
CONTIG-043526	61	4	2	5	0
CONTIG-043527	100	7	4	17	0
CONTIG-043528	119	6	2	2	0
CONTIG-043529	390	13	139	111	2
CONTIG-043530	63	20	43	4	0
CONTIG-043531	149	10	43	4	0
CONTIG-043532	172	7	6	12	0
CONTIG-043533	199	6	0	11	0
CONTIG-043534	347	11	47	60	2
CONTIG-043535	135	8	32	15	2
CONTIG-043536	348	43	70	748	2
CONTIG-043537	137	15	46	67	0
CONTIG-043538	200	12	23	51	0
CONTIG-043539	55	12	2	0	0
CONTIG-043540	180	7	10	28	0

CONTIG-043541	445	10	44	117	0
CONTIG-043542	236	7	32	42	0
CONTIG-043543	113	6	3	21	0
CONTIG-043544	493	11	0	253	0
CONTIG-043545	223	17	6	4	29
CONTIG-043546	140	11	12	27	4
CONTIG-043547	75	13	5	0	5
CONTIG-043548	570	14	35	94	4
CONTIG-043549	73	13	5	23	0
CONTIG-043550	211	18	89	60	0
CONTIG-043551	72	9	3	22	0
CONTIG-043552	344	6	4	28	0
CONTIG-043553	71	7	4	15	0
CONTIG-043554	134	16	2	81	0
CONTIG-043555	142	8	4	24	2
CONTIG-043556	285	17	20	68	8
CONTIG-043557	561	20	57	556	0
CONTIG-043558	99	4	11	4	0
CONTIG-043559	611	11	14	287	0
CONTIG-043560	213	9	0	69	0
CONTIG-043561	251	11	7	90	0
CONTIG-043562	84	7	5	19	0
CONTIG-043563	137	8	36	2	0
CONTIG-043564	329	30	30	2	0
CONTIG-043565	1140	19	17	599	73
CONTIG-043566	94	13	11	48	0
CONTIG-043567	633	26	77	922	2
CONTIG-043568	332	7	16	61	0
CONTIG-043569	86	8	7	24	0
CONTIG-043570	42	26	54	0	0
CONTIG-043571	80	13	19	3	0
CONTIG-043572	438	7	13	63	0
CONTIG-043574	145	9	2	28	0
CONTIG-043576	261	23	96	265	0
CONTIG-043577	228	9	37	37	0
CONTIG-043580	91	9	9	10	0
CONTIG-043581	120	7	7	24	0
CONTIG-043582	195	13	25	118	0
CONTIG-043583	273	8	19	86	0
CONTIG-043584	61	3	4	2	0
CONTIG-043586	301	7	18	76	0
CONTIG-043587	107	8	0	41	2
CONTIG-043588	317	11	20	138	0
CONTIG-043589	172	13	4	72	0
CONTIG-043590	164	16	26	54	0
CONTIG-043591	197	8	24	36	0
CONTIG-043592	61	6	8	12	0

CONTIG-043593	95	11	5	25	0
CONTIG-043599	116	6	0	17	0
CONTIG-043600	83	4	7	5	0
CONTIG-043601	242	10	7	66	0
CONTIG-043609	104	10	21	25	0
CONTIG-043610	342	7	13	78	0
CONTIG-043611	597	11	29	183	2
CONTIG-043612	168	48	106	179	10
CONTIG-043613	97	12	73	17	0
CONTIG-043614	77	24	19	104	0
CONTIG-043616	529	24	11	55	0
CONTIG-043617	141	14	14	37	2
CONTIG-043618	126	27	14	187	0
CONTIG-043619	72	8	46	0	0
CONTIG-043620	62	12	0	18	0
CONTIG-043621	85	8	21	8	0
CONTIG-043622	163	16	47	65	0
CONTIG-043625	86	7	0	4	0
CONTIG-043626	78	12	11	25	0
CONTIG-043627	253	17	39	121	0
CONTIG-043630	144	10	10	42	0
CONTIG-043631	181	20	36	172	0
CONTIG-043632	130	9	16	32	4
CONTIG-043633	63	9	8	6	0
CONTIG-043634	105	7	7	15	0
CONTIG-043635	118	4	13	8	0
CONTIG-043636	60	13	29	7	0
CONTIG-043637	153	6	6	8	2
CONTIG-043638	123	22	7	117	0
CONTIG-043640	292	17	24	164	0
CONTIG-043641	62	8	3	11	0
CONTIG-043642	402	23	29	347	0
CONTIG-043643	151	12	6	56	0
CONTIG-043644	111	7	5	24	0
CONTIG-043645	397	23	70	107	3
CONTIG-043646	129	8	8	40	0
CONTIG-043647	86	9	12	27	0
CONTIG-043648	166	9	20	17	0
CONTIG-043649	66	6	2	2	0
CONTIG-043650	382	16	40	165	0
CONTIG-043651	150	26	77	118	0
CONTIG-043652	280	14	65	119	0
CONTIG-043653	139	4	2	4	0
CONTIG-043654	76	13	19	11	0
CONTIG-043655	196	14	12	40	0
CONTIG-043656	382	11	27	122	0
CONTIG-043657	79	8	8	14	0

CONTIG-043658	269	12	42	91	0
CONTIG-043659	101	8	13	16	0
CONTIG-043660	143	14	86	11	0
CONTIG-043661	174	17	37	73	0
CONTIG-043662	128	6	10	21	0
CONTIG-043663	193	13	6	82	0
CONTIG-043664	144	8	14	38	0
CONTIG-043667	90	4	2	5	0
CONTIG-043668	233	10	27	37	0
CONTIG-043670	79	6	2	23	0
CONTIG-043671	391	5	11	53	2
CONTIG-043672	621	12	38	252	0
CONTIG-043673	109	10	13	24	0
CONTIG-043674	303	10	8	97	0
CONTIG-043675	147	36	17	238	0
CONTIG-043676	149	10	15	32	0
CONTIG-043677	58	5	0	9	0
CONTIG-043678	233	12	20	78	0
CONTIG-043680	143	14	8	16	0
CONTIG-043681	156	7	23	25	0
CONTIG-043682	93	7	4	23	0
CONTIG-043683	136	5	19	11	0
CONTIG-043686	92	17	18	61	0
CONTIG-043687	42	9	0	9	0
CONTIG-043688	177	9	6	53	0
CONTIG-043689	151	9	3	56	0
CONTIG-043690	318	11	58	76	0
CONTIG-043691	292	8	65	35	0
CONTIG-043692	456	10	16	156	0
CONTIG-043693	111	4	2	7	0
CONTIG-043694	82	5	8	8	0
CONTIG-043695	392	9	17	87	0
CONTIG-043696	146	5	9	9	0
CONTIG-043697	628	20	143	479	5
CONTIG-043698	170	5	20	18	0
CONTIG-043699	599	15	20	150	0
CONTIG-043700	73	8	25	2	0
CONTIG-043701	63	13	3	30	0
CONTIG-043702	67	144	54	149	79
CONTIG-043703	38	10	3	11	0
CONTIG-043706	88	14	13	60	0
CONTIG-043707	160	9	8	50	0
CONTIG-043708	114	12	4	82	0
CONTIG-043709	115	5	8	14	0
CONTIG-043710	109	3	8	4	0
CONTIG-043711	94	20	8	99	0
CONTIG-043712	115	6	2	25	0

CONTIG-043713	247	7	13	54	2
CONTIG-043714	154	5	10	14	0
CONTIG-043715	150	7	13	12	0
CONTIG-043718	448	20	66	377	0
CONTIG-043723	347	36	57	480	9
CONTIG-043724	409	14	11	203	2
CONTIG-043725	108	8	4	35	0
CONTIG-043726	149	11	10	11	0
CONTIG-043727	642	16	19	550	0
CONTIG-043728	60	2	0	2	0
CONTIG-043729	461	11	32	138	4
CONTIG-043730	92	18	2	64	0
CONTIG-043731	120	8	2	41	0
CONTIG-043732	102	8	18	14	0
CONTIG-043733	137	5	4	11	0
CONTIG-043734	177	9	4	38	0
CONTIG-043735	104	10	18	37	0
CONTIG-043736	262	11	35	87	0
CONTIG-043737	162	6	6	4	0
CONTIG-043738	148	10	39	13	0
CONTIG-043739	128	16	36	54	2
CONTIG-043740	129	8	16	28	2
CONTIG-043741	119	20	14	8	0
CONTIG-043743	347	13	18	168	0
CONTIG-043750	203	5	5	33	0
CONTIG-043751	84	5	2	16	0
CONTIG-043757	780	19	71	623	6
CONTIG-043758	124	13	19	11	0
CONTIG-043759	311	22	40	230	2
CONTIG-043760	161	7	9	19	0
CONTIG-043761	79	10	2	17	3
CONTIG-043762	450	17	35	248	0
CONTIG-043763	87	6	0	14	0
CONTIG-043766	51	135	16	164	2
CONTIG-043767	912	19	44	644	2
CONTIG-043768	153	6	0	14	0
CONTIG-043769	53	211	0	90	0
CONTIG-043770	154	10	25	59	0
CONTIG-043771	450	9	22	121	2
CONTIG-043772	480	10	32	151	2
CONTIG-043773	753	15	51	356	0
CONTIG-043774	364	8	2	87	0
CONTIG-043775	176	12	28	32	0
CONTIG-043776	97	14	4	39	4
CONTIG-043777	72	8	9	10	0
CONTIG-043778	315	15	81	140	2
CONTIG-043779	384	8	17	73	0

CONTIG-043780	195	81	104	557	29
CONTIG-043781	170	6	2	59	0
CONTIG-043782	228	9	7	57	2
CONTIG-043783	101	9	4	31	0
CONTIG-043784	310	21	32	190	2
CONTIG-043785	44	5	4	2	0
CONTIG-043786	408	8	9	34	0
CONTIG-043787	384	11	17	70	0
CONTIG-043788	87	12	39	29	0
CONTIG-043790	275	10	9	0	2
CONTIG-043791	400	9	10	64	0
CONTIG-043792	161	14	17	77	0
CONTIG-043793	69	5	3	0	0
CONTIG-043794	284	13	37	92	0
CONTIG-043795	160	8	18	11	0
CONTIG-043796	82	3	11	6	0
CONTIG-043797	63	104	7	206	0
CONTIG-043798	244	6	8	51	0
CONTIG-043799	243	17	5	159	2
CONTIG-043800	121	9	10	46	0
CONTIG-043801	153	12	5	56	0
CONTIG-043803	211	9	5	58	0
CONTIG-043804	44	33	7	40	0
CONTIG-043805	74	5	5	0	0
CONTIG-043806	404	17	8	171	2
CONTIG-043809	201	10	14	34	0
CONTIG-043810	211	9	16	45	0
CONTIG-043812	566	10	0	297	0
CONTIG-043813	172	18	40	46	0
CONTIG-043814	60	2	3	0	0
CONTIG-043815	411	7	7	65	0
CONTIG-043816	97	2	0	2	0
CONTIG-043817	140	7	0	13	0
CONTIG-043818	155	7	23	30	0
CONTIG-043819	117	19	80	18	0
CONTIG-043820	211	6	45	23	0
CONTIG-043821	153	6	61	7	0
CONTIG-043822	161	49	12	7	72
CONTIG-043823	144	6	0	3	0
CONTIG-043824	270	8	17	59	0
CONTIG-043825	113	4	9	10	0
CONTIG-043826	92	5	0	15	0
CONTIG-043827	116	6	4	12	0
CONTIG-043828	190	14	12	29	0
CONTIG-043829	171	5	7	14	0
CONTIG-043830	141	9	8	42	0
CONTIG-043831	61	9	3	19	0

CONTIG-043832	94	6	2	13	0
CONTIG-043834	160	12	45	32	0
CONTIG-043835	129	9	10	14	0
CONTIG-043836	69	7	5	16	0
CONTIG-043837	70	5	2	6	0
CONTIG-043839	143	10	17	34	0
CONTIG-043840	79	14	14	25	0
CONTIG-043841	405	12	30	171	0
CONTIG-043842	154	9	23	39	0
CONTIG-043843	139	8	4	0	2
CONTIG-043844	89	10	0	14	0
CONTIG-043845	75	27	10	94	0
CONTIG-043846	120	20	20	73	0
CONTIG-043847	72	6	19	9	0
CONTIG-043848	230	8	41	25	0
CONTIG-043849	79	8	4	13	2
CONTIG-043850	291	8	34	48	0
CONTIG-043851	59	3	4	0	0
CONTIG-043852	170	9	9	56	0
CONTIG-043853	100	4	8	9	0
CONTIG-043854	403	15	52	122	0
CONTIG-043855	86	11	4	13	0
CONTIG-043856	284	5	12	40	0
CONTIG-043857	480	6	20	38	0
CONTIG-043858	480	17	30	258	0
CONTIG-043862	281	8	52	48	0
CONTIG-043863	360	13	60	94	0
CONTIG-043864	397	8	5	61	0
CONTIG-043865	68	4	0	0	0
CONTIG-043866	245	27	29	171	4
CONTIG-043867	64	9	3	18	0
CONTIG-043868	78	4	13	6	0
CONTIG-043869	126	10	7	42	0
CONTIG-043870	151	14	8	0	18
CONTIG-043871	77	4	3	15	0
CONTIG-043872	82	4	2	2	0
CONTIG-043873	64	2	2	0	0
CONTIG-043874	174	9	11	59	0
CONTIG-043875	300	16	30	180	0
CONTIG-043876	348	9	26	55	0
CONTIG-043877	153	13	10	80	0
CONTIG-043878	262	9	17	104	2
CONTIG-043879	196	9	32	49	2
CONTIG-043880	687	18	17	711	0
CONTIG-043881	117	8	0	40	0
CONTIG-043882	39	120	24	186	0
CONTIG-043883	319	11	16	61	12

CONTIG-043884	64	7	10	5	0
CONTIG-043885	275	7	22	53	0
CONTIG-043886	586	15	109	213	2
CONTIG-043887	56	101	30	55	0
CONTIG-043890	263	15	46	122	0
CONTIG-043891	129	7	2	21	0
CONTIG-043892	423	20	54	106	0
CONTIG-043893	59	3	0	3	0
CONTIG-043894	69	18	20	48	0
CONTIG-043896	95	5	5	16	0
CONTIG-043897	271	15	12	134	4
CONTIG-043898	113	4	9	5	0
CONTIG-043899	258	7	3	50	0
CONTIG-043900	130	4	10	9	0
CONTIG-043901	69	4	13	0	0
CONTIG-043902	190	13	7	113	0
CONTIG-043904	62	5	10	0	0
CONTIG-043906	107	9	18	28	0
CONTIG-043908	378	19	52	203	0
CONTIG-043909	195	23	10	166	2
CONTIG-043910	72	5	4	4	0
CONTIG-043912	70	7	13	5	0
CONTIG-043913	152	9	64	20	0
CONTIG-043914	530	9	0	180	0
CONTIG-043916	208	5	8	13	0
CONTIG-043917	425	23	46	285	12
CONTIG-043927	186	7	2	31	0
CONTIG-043928	863	13	36	243	6
CONTIG-043929	76	24	5	26	0
CONTIG-043930	188	11	31	63	0
CONTIG-043931	332	17	29	61	0
CONTIG-043932	77	4	5	4	0
CONTIG-043933	736	10	2	0	31
CONTIG-043934	77	7	18	16	0
CONTIG-043936	58	24	14	24	0
CONTIG-043937	675	21	40	177	18
CONTIG-043938	228	5	21	31	0
CONTIG-043939	89	5	2	10	0
CONTIG-043940	51	29	2	19	0
CONTIG-043941	207	9	20	17	0
CONTIG-043942	72	4	2	9	0
CONTIG-043943	307	9	16	96	0
CONTIG-043944	216	13	34	149	0
CONTIG-043945	83	10	0	40	0
CONTIG-043948	150	10	25	9	0
CONTIG-043949	139	11	22	44	2
CONTIG-043950	84	4	4	3	0

CONTIG-043951	284	18	12	127	6
CONTIG-043952	145	11	7	52	0
CONTIG-043953	92	8	4	18	0
CONTIG-043954	181	11	14	66	0
CONTIG-043955	284	13	11	160	2
CONTIG-043956	198	7	13	32	0
CONTIG-043957	147	13	29	36	0
CONTIG-043958	105	11	6	33	0
CONTIG-043960	68	12	19	3	0
CONTIG-043961	103	5	14	14	0
CONTIG-043962	176	13	19	77	0
CONTIG-043963	174	7	10	32	0
CONTIG-043964	281	14	81	75	0
CONTIG-043965	141	10	2	46	0
CONTIG-043966	138	6	17	21	0
CONTIG-043967	341	6	12	42	0
CONTIG-043969	57	542	10	1056	0
CONTIG-043972	60	13	10	3	4
CONTIG-043973	145	10	34	63	0
CONTIG-043974	134	11	12	48	0
CONTIG-043976	122	8	7	34	0
CONTIG-043978	109	6	3	18	0
CONTIG-043979	125	5	10	18	0
CONTIG-043980	72	3	0	4	0
CONTIG-043981	254	12	5	111	0
CONTIG-043983	264	11	18	118	0
CONTIG-043984	374	10	19	106	0
CONTIG-043985	84	7	9	17	0
CONTIG-043986	196	11	11	64	2
CONTIG-043987	268	9	0	91	0
CONTIG-043988	66	8	8	23	0
CONTIG-043989	216	8	33	31	0
CONTIG-043990	148	4	4	14	0
CONTIG-043992	239	27	49	201	0
CONTIG-043993	94	4	14	4	0
CONTIG-043994	146	35	14	192	2
CONTIG-043995	62	8	15	10	0
CONTIG-043997	316	11	17	99	0
CONTIG-043998	168	7	4	31	0
CONTIG-043999	87	6	6	15	0
CONTIG-044000	372	8	4	69	0
CONTIG-044001	137	8	3	9	0
CONTIG-044002	64	2	0	4	0
CONTIG-044003	71	5	6	9	0
CONTIG-044004	108	2	2	5	0
CONTIG-044005	205	11	28	64	0
CONTIG-044009	96	5	0	6	0

CONTIG-044010	85	3	4	2	0
CONTIG-044011	136	6	18	6	0
CONTIG-044012	67	8	24	8	0
CONTIG-044014	152	7	11	37	0
CONTIG-044015	94	8	9	19	0
CONTIG-044016	97	5	30	4	0
CONTIG-044017	183	11	4	12	2
CONTIG-044018	117	24	11	118	0
CONTIG-044019	227	11	2	104	0
CONTIG-044020	79	58	30	47	0
CONTIG-044021	114	14	41	35	0
CONTIG-044022	128	19	9	70	0
CONTIG-044024	183	27	23	244	0
CONTIG-044025	82	8	0	36	0
CONTIG-044026	80	16	51	4	0
CONTIG-044027	216	5	12	5	0
CONTIG-044028	190	7	33	25	2
CONTIG-044029	65	14	0	0	0
CONTIG-044030	190	8	10	45	0
CONTIG-044031	120	31	19	78	0
CONTIG-044032	66	8	19	7	0
CONTIG-044040	109	5	6	9	0
CONTIG-044045	183	14	20	100	0
CONTIG-044046	295	28	68	170	0
CONTIG-044047	93	7	6	10	0
CONTIG-044048	62	297	126	696	0
CONTIG-044049	210	4	4	24	0
CONTIG-044050	447	10	34	97	0
CONTIG-044052	125	8	9	33	0
CONTIG-044053	108	179	6	1003	2
CONTIG-044054	96	6	4	27	0
CONTIG-044055	269	13	10	87	2
CONTIG-044056	59	6	0	13	0
CONTIG-044057	231	8	47	23	0
CONTIG-044064	157	5	9	8	0
CONTIG-044066	157	7	3	27	0
CONTIG-044067	39	18	11	6	0
CONTIG-044068	242	12	3	82	7
CONTIG-044069	73	9	19	2	0
CONTIG-044070	182	12	10	111	0
CONTIG-044071	125	10	6	33	0
CONTIG-044072	200	11	0	22	4
CONTIG-044073	64	7	8	2	2
CONTIG-044074	84	4	5	6	0
CONTIG-044075	446	8	24	104	2
CONTIG-044076	191	6	4	0	2
CONTIG-044077	232	12	26	82	0

CONTIG-044078	80	16	8	32	0
CONTIG-044079	170	12	52	71	0
CONTIG-044080	741	17	7	587	2
CONTIG-044081	155	10	11	40	2
CONTIG-044082	140	14	42	81	0
CONTIG-044083	82	67	2	283	0
CONTIG-044084	170	5	4	15	0
CONTIG-044085	723	10	33	191	0
CONTIG-044086	67	2	0	5	0
CONTIG-044087	768	14	55	330	4
CONTIG-044088	1020	20	31	255	0
CONTIG-044089	75	7	15	13	0
CONTIG-044090	489	12	14	19	0
CONTIG-044091	128	5	4	15	0
CONTIG-044092	64	7	8	10	0
CONTIG-044093	153	6	4	23	0
CONTIG-044100	167	6	4	41	0
CONTIG-044101	84	3	0	7	0
CONTIG-044103	167	7	4	4	0
CONTIG-044104	105	7	13	23	0
CONTIG-044105	60	13	0	7	0
CONTIG-044106	113	8	43	13	0
CONTIG-044107	45	117	28	179	0
CONTIG-044108	105	3	6	8	0
CONTIG-044109	232	8	10	18	0
CONTIG-044110	77	10	2	39	0
CONTIG-044111	450	16	44	195	5
CONTIG-044112	66	4	7	6	0
CONTIG-044113	241	8	36	46	0
CONTIG-044114	77	5	3	5	0
CONTIG-044117	191	33	51	276	0
CONTIG-044118	160	4	4	17	0
CONTIG-044119	87	9	27	17	0
CONTIG-044121	83	6	2	4	0
CONTIG-044122	221	8	2	47	0
CONTIG-044123	324	7	8	81	0
CONTIG-044124	129	9	8	50	0
CONTIG-044125	111	8	16	6	0
CONTIG-044126	112	4	8	18	0
CONTIG-044127	445	16	20	143	0
CONTIG-044128	64	3	4	0	0
CONTIG-044129	88	4	16	6	0
CONTIG-044130	457	14	49	167	0
CONTIG-044131	62	7	3	12	0
CONTIG-044132	357	6	0	15	0
CONTIG-044133	235	5	23	10	0
CONTIG-044134	76	14	13	20	0

CONTIG-044135	383	7	18	57	0
CONTIG-044137	161	7	3	41	0
CONTIG-044140	85	6	13	15	0
CONTIG-044142	142	41	10	216	33
CONTIG-044143	80	7	10	0	0
CONTIG-044144	59	2	0	0	0
CONTIG-044145	102	3	0	0	0
CONTIG-044146	58	4	6	5	0
CONTIG-044147	143	7	2	26	0
CONTIG-044149	77	6	0	10	2
CONTIG-044150	181	16	34	52	0
CONTIG-044151	225	17	109	28	0
CONTIG-044152	76	8	6	10	0
CONTIG-044153	349	14	4	216	2
CONTIG-044154	72	4	0	5	0
CONTIG-044155	183	12	16	53	0
CONTIG-044156	172	10	12	48	0
CONTIG-044157	793	13	48	442	4
CONTIG-044158	786	16	82	529	4
CONTIG-044159	73	8	7	17	0
CONTIG-044160	185	12	9	30	0
CONTIG-044161	102	32	5	155	0
CONTIG-044162	197	9	11	57	0
CONTIG-044163	218	6	10	40	4
CONTIG-044164	111	9	0	39	0
CONTIG-044165	69	11	8	24	0
CONTIG-044166	536	10	20	162	6
CONTIG-044168	84	12	7	18	0
CONTIG-044170	103	6	6	8	0
CONTIG-044176	369	12	10	112	0
CONTIG-044178	229	15	30	104	0
CONTIG-044179	389	41	22	548	33
CONTIG-044180	111	9	5	17	2
CONTIG-044181	442	8	18	44	0
CONTIG-044186	68	15	6	44	0
CONTIG-044187	60	13	24	0	0
CONTIG-044188	83	2	2	2	0
CONTIG-044189	68	3	0	0	0
CONTIG-044190	554	10	27	146	0
CONTIG-044191	77	5	39	4	0
CONTIG-044192	288	10	57	33	2
CONTIG-044193	61	4	6	0	0
CONTIG-044194	70	4	0	2	0
CONTIG-044195	78	8	6	18	0
CONTIG-044198	112	12	9	35	0
CONTIG-044199	134	6	16	5	0
CONTIG-044200	238	21	97	66	6

CONTIG-044201	219	11	16	56	0
CONTIG-044202	847	15	36	95	35
CONTIG-044203	58	524	190	776	85
CONTIG-044204	141	5	3	14	0
CONTIG-044206	78	5	19	0	0
CONTIG-044207	59	5	18	0	0
CONTIG-044210	356	16	41	131	4
CONTIG-044211	231	9	4	43	0
CONTIG-044212	129	9	10	47	0
CONTIG-044213	81	8	10	22	0
CONTIG-044214	121	7	14	18	0
CONTIG-044215	126	10	0	4	4
CONTIG-044216	636	7	29	141	0
CONTIG-044217	241	6	4	50	0
CONTIG-044218	128	11	26	58	0
CONTIG-044219	38	36	17	0	0
CONTIG-044220	261	13	23	65	4
CONTIG-044221	128	10	46	11	0
CONTIG-044222	227	11	10	100	0
CONTIG-044224	166	7	2	16	0
CONTIG-044225	193	13	5	102	0
CONTIG-044226	89	4	2	6	0
CONTIG-044227	256	13	73	124	0
CONTIG-044228	87	5	6	11	0
CONTIG-044229	311	11	15	147	2
CONTIG-044230	191	9	5	3	0
CONTIG-044231	85	8	11	18	0
CONTIG-044232	60	4	6	2	0
CONTIG-044233	148	16	31	55	0
CONTIG-044234	157	6	7	29	0
CONTIG-044236	75	60	34	179	0
CONTIG-044237	452	13	17	266	2
CONTIG-044238	279	4	22	2	0
CONTIG-044239	300	10	22	129	0
CONTIG-044240	442	8	33	33	0
CONTIG-044241	132	24	25	164	0
CONTIG-044242	75	194	22	676	5
CONTIG-044243	68	14	27	12	0
CONTIG-044244	66	10	21	13	0
CONTIG-044245	201	8	9	58	0
CONTIG-044248	181	9	8	41	0
CONTIG-044249	395	10	24	179	0
CONTIG-044250	76	12	2	35	0
CONTIG-044251	66	3	0	8	0
CONTIG-044252	72	6	38	0	0
CONTIG-044253	143	69	56	373	8
CONTIG-044254	243	7	3	42	0

CONTIG-044259	84	5	4	6	0
CONTIG-044260	167	4	2	22	0
CONTIG-044261	274	28	18	275	4
CONTIG-044262	946	16	55	598	4
CONTIG-044263	384	15	5	185	0
CONTIG-044264	129	6	9	26	0
CONTIG-044265	106	6	14	12	0
CONTIG-044267	93	8	14	0	0
CONTIG-044268	947	30	91	1666	0
CONTIG-044269	311	12	32	163	0
CONTIG-044270	505	13	46	126	2
CONTIG-044271	88	6	3	9	0
CONTIG-044272	450	11	26	90	0
CONTIG-044273	262	12	14	150	0
CONTIG-044274	105	18	52	34	0
CONTIG-044275	225	12	56	49	0
CONTIG-044277	83	4	13	0	0
CONTIG-044278	99	2	2	2	0
CONTIG-044279	266	17	10	34	0
CONTIG-044281	101	3	3	0	0
CONTIG-044283	380	10	63	113	0
CONTIG-044284	186	9	8	83	0
CONTIG-044285	50	24	42	0	0
CONTIG-044286	75	4	5	4	0
CONTIG-044287	134	3	0	11	0
CONTIG-044288	149	7	14	49	0
CONTIG-044289	1300	20	87	514	71
CONTIG-044290	104	10	38	5	0
CONTIG-044292	209	16	2	109	0
CONTIG-044293	316	438	71	270	0
CONTIG-044294	228	22	19	157	4
CONTIG-044295	45	509	16	856	0
CONTIG-044296	174	13	59	31	0
CONTIG-044297	97	5	8	9	0
CONTIG-044298	129	18	6	127	0
CONTIG-044299	169	13	12	62	0
CONTIG-044300	89	19	51	6	0
CONTIG-044301	72	3	0	4	0
CONTIG-044302	106	4	2	8	0
CONTIG-044304	517	18	110	295	2
CONTIG-044305	197	12	18	97	0
CONTIG-044307	151	14	19	77	0
CONTIG-044308	160	7	14	24	0
CONTIG-044309	131	7	8	33	0
CONTIG-044310	358	16	43	105	2
CONTIG-044314	78	2	0	2	0
CONTIG-044315	671	8	38	98	2

CONTIG-044316	194	11	12	61	0
CONTIG-044317	219	9	4	47	0
CONTIG-044318	436	16	32	233	4
CONTIG-044319	149	11	18	15	0
CONTIG-044320	114	4	4	11	0
CONTIG-044321	725	15	74	347	2
CONTIG-044322	153	32	28	218	4
CONTIG-044323	289	14	42	56	0
CONTIG-044326	204	13	0	137	0
CONTIG-044327	383	8	2	80	2
CONTIG-044328	155	7	44	29	0
CONTIG-044329	67	8	24	0	0
CONTIG-044330	144	9	17	15	0
CONTIG-044331	148	8	4	51	0
CONTIG-044332	171	5	0	11	0
CONTIG-044333	835	76	98	4129	0
CONTIG-044334	405	7	24	92	0
CONTIG-044335	77	7	5	9	0
CONTIG-044336	232	6	6	32	2
CONTIG-044337	56	60	0	66	0
CONTIG-044338	177	8	3	64	0
CONTIG-044339	225	10	5	24	0
CONTIG-044340	169	7	11	43	0
CONTIG-044341	219	7	10	32	0
CONTIG-044342	77	13	3	39	0
CONTIG-044343	287	9	12	65	0
CONTIG-044344	77	63	22	185	0
CONTIG-044345	99	5	4	2	0
CONTIG-044346	112	6	3	16	0
CONTIG-044347	178	9	9	70	0
CONTIG-044349	456	14	27	169	6
CONTIG-044350	103	4	3	14	0
CONTIG-044351	135	30	27	154	0
CONTIG-044352	584	7	16	149	0
CONTIG-044353	265	10	23	68	0
CONTIG-044354	85	44	7	147	0
CONTIG-044360	170	16	48	42	0
CONTIG-044361	248	18	82	131	0
CONTIG-044362	243	14	61	75	0
CONTIG-044363	100	6	2	8	0
CONTIG-044364	101	4	2	2	0
CONTIG-044365	294	11	31	60	0
CONTIG-044366	322	11	2	0	30
CONTIG-044367	399	26	34	49	14
CONTIG-044368	109	10	11	39	0
CONTIG-044369	121	6	5	18	0
CONTIG-044370	74	18	34	38	0

CONTIG-044371	439	15	14	219	3
CONTIG-044372	152	15	10	98	0
CONTIG-044373	82	3	2	2	0
CONTIG-044374	978	16	20	629	2
CONTIG-044375	103	5	5	3	0
CONTIG-044376	281	12	98	91	0
CONTIG-044377	377	11	15	144	0
CONTIG-044378	89	4	5	9	0
CONTIG-044379	64	8	24	2	0
CONTIG-044380	85	11	7	32	0
CONTIG-044381	93	4	6	8	0
CONTIG-044382	137	7	7	28	0
CONTIG-044383	295	16	71	187	4
CONTIG-044384	233	8	7	61	0
CONTIG-044385	79	4	5	4	0
CONTIG-044386	84	5	0	2	0
CONTIG-044387	92	7	3	18	0
CONTIG-044388	110	9	9	29	0
CONTIG-044389	473	15	28	340	0
CONTIG-044390	198	10	10	69	0
CONTIG-044391	695	27	60	790	0
CONTIG-044392	188	7	0	64	0
CONTIG-044393	115	9	37	9	0
CONTIG-044394	110	5	4	6	0
CONTIG-044395	119	10	0	27	0
CONTIG-044396	93	8	6	26	0
CONTIG-044398	280	8	33	101	0
CONTIG-044399	304	18	29	85	4
CONTIG-044400	77	3	4	2	0
CONTIG-044401	638	11	77	236	0
CONTIG-044402	60	6	4	11	0
CONTIG-044403	201	10	8	46	0
CONTIG-044404	98	8	14	2	0
CONTIG-044405	97	256	14	1583	0
CONTIG-044406	82	7	2	19	0
CONTIG-044407	337	7	13	77	0
CONTIG-044408	185	13	6	61	2
CONTIG-044409	68	5	0	8	0
CONTIG-044413	133	11	6	49	0
CONTIG-044414	84	12	15	42	0
CONTIG-044416	154	5	2	18	0
CONTIG-044418	182	6	29	24	0
CONTIG-044419	133	6	6	29	0
CONTIG-044420	549	63	24	11	0
CONTIG-044421	50	50	2	110	0
CONTIG-044423	234	23	3	245	2
CONTIG-044424	93	10	16	21	0

CONTIG-044427	106	20	48	9	0
CONTIG-044428	226	9	16	50	0
CONTIG-044430	66	5	0	10	0
CONTIG-044431	249	11	35	88	0
CONTIG-044432	344	9	13	150	2
CONTIG-044433	193	11	35	66	0
CONTIG-044435	56	16	3	15	0
CONTIG-044436	90	6	13	7	0
CONTIG-044437	181	7	13	20	2
CONTIG-044438	165	9	3	38	3
CONTIG-044439	194	11	5	77	2
CONTIG-044440	88	7	4	9	0
CONTIG-044441	269	7	14	62	0
CONTIG-044442	208	13	20	117	0
CONTIG-044443	61	4	2	4	0
CONTIG-044444	285	6	4	36	2
CONTIG-044445	330	9	15	114	0
CONTIG-044447	100	5	4	11	0
CONTIG-044448	106	13	19	5	0
CONTIG-044450	99	78	49	156	7
CONTIG-044451	110	10	10	40	0
CONTIG-044452	443	12	17	263	0
CONTIG-044453	83	360	28	558	2
CONTIG-044454	395	11	62	121	0
CONTIG-044456	296	46	23	299	0
CONTIG-044457	81	158	3	333	0
CONTIG-044458	94	11	6	36	0
CONTIG-044459	141	10	4	52	0
CONTIG-044460	205	22	43	127	0
CONTIG-044461	351	9	27	124	0
CONTIG-044462	67	7	3	15	0
CONTIG-044463	515	42	72	1333	0
CONTIG-044464	48	12	10	9	0
CONTIG-044465	769	39	43	1027	11
CONTIG-044470	245	11	6	39	0
CONTIG-044471	524	10	38	109	2
CONTIG-044472	254	12	22	99	0
CONTIG-044473	248	17	4	71	0
CONTIG-044474	64	6	0	3	0
CONTIG-044475	118	12	16	58	0
CONTIG-044476	200	12	17	59	2
CONTIG-044477	44	162	39	143	34
CONTIG-044478	75	3	0	0	0
CONTIG-044479	69	39	4	78	4
CONTIG-044480	622	21	53	238	2
CONTIG-044482	115	28	31	0	0
CONTIG-044483	56	54	2	84	0

CONTIG-044484	171	14	0	88	0
CONTIG-044485	324	10	8	140	0
CONTIG-044486	549	13	41	250	0
CONTIG-044487	177	16	10	80	4
CONTIG-044488	219	12	8	5	0
CONTIG-044489	122	8	10	13	0
CONTIG-044493	313	23	41	388	0
CONTIG-044494	80	5	4	8	0
CONTIG-044495	71	16	46	2	0
CONTIG-044496	109	8	23	0	0
CONTIG-044497	80	6	23	4	0
CONTIG-044498	304	21	49	348	0
CONTIG-044499	191	22	5	93	0
CONTIG-044501	164	8	2	27	0
CONTIG-044502	738	14	10	44	0
CONTIG-044503	274	8	52	40	0
CONTIG-044504	81	5	15	4	0
CONTIG-044509	383	11	10	116	2
CONTIG-044510	315	18	22	223	0
CONTIG-044511	101	14	16	32	0
CONTIG-044512	71	5	0	14	0
CONTIG-044513	146	28	8	178	0
CONTIG-044514	446	15	28	231	2
CONTIG-044515	76	4	3	5	0
CONTIG-044516	113	9	6	19	0
CONTIG-044517	111	9	0	24	0
CONTIG-044521	61	3	2	4	0
CONTIG-044522	78	4	0	4	0
CONTIG-044523	342	12	50	143	0
CONTIG-044524	549	32	62	314	2
CONTIG-044525	169	16	26	96	0
CONTIG-044526	560	10	44	173	2
CONTIG-044527	174	15	5	86	4
CONTIG-044531	61	19	15	27	0
CONTIG-044532	71	4	2	5	2
CONTIG-044534	87	10	27	0	0
CONTIG-044535	184	16	5	101	2
CONTIG-044536	81	6	3	20	0
CONTIG-044537	61	8	8	14	0
CONTIG-044538	444	11	48	114	4
CONTIG-044539	198	10	63	26	0
CONTIG-044540	71	2	2	0	0
CONTIG-044541	67	3	2	4	0
CONTIG-044542	175	12	8	28	0
CONTIG-044543	79	7	19	10	0
CONTIG-044544	253	18	8	165	0
CONTIG-044545	108	18	14	83	0

CONTIG-044546	297	7	21	20	0
CONTIG-044554	63	6	4	2	0
CONTIG-044555	317	6	11	72	0
CONTIG-044557	1009	18	27	735	9
CONTIG-044558	196	14	30	121	2
CONTIG-044561	302	7	28	63	0
CONTIG-044568	292	17	54	121	3
CONTIG-044583	66	10	40	5	0
CONTIG-044584	78	4	0	0	2
CONTIG-044585	161	12	21	67	0
CONTIG-044586	133	11	30	32	0
CONTIG-044587	192	9	7	54	0
CONTIG-044588	149	8	23	41	0
CONTIG-044589	96	6	8	16	2
CONTIG-044590	212	8	6	2	0
CONTIG-044592	246	22	20	202	0
CONTIG-044593	45	352	60	172	3
CONTIG-044594	113	5	0	0	2
CONTIG-044595	72	9	11	19	2
CONTIG-044596	92	4	0	6	0
CONTIG-044598	178	10	19	46	0
CONTIG-044599	66	4	6	9	0
CONTIG-044600	145	16	8	53	0
CONTIG-044601	1012	14	52	618	2
CONTIG-044602	92	24	4	75	0
CONTIG-044603	99	35	10	70	0
CONTIG-044604	81	4	0	2	0
CONTIG-044609	244	7	7	25	0
CONTIG-044611	122	4	6	0	0
CONTIG-044617	161	8	10	27	0
CONTIG-044618	195	37	27	82	13
CONTIG-044620	152	10	47	4	0
CONTIG-044621	66	8	9	11	0
CONTIG-044622	244	8	16	55	0
CONTIG-044625	242	20	2	0	27
CONTIG-044626	200	8	6	49	0
CONTIG-044627	1286	25	53	843	15
CONTIG-044628	204	7	31	34	0
CONTIG-044629	376	8	10	78	4
CONTIG-044630	285	7	30	66	0
CONTIG-044631	105	10	4	48	0
CONTIG-044632	368	17	0	2	0
CONTIG-044633	82	6	13	20	0
CONTIG-044634	64	4	9	3	0
CONTIG-044635	81	8	12	15	0
CONTIG-044636	89	7	3	13	0
CONTIG-044637	93	18	51	23	0

CONTIG-044638	151	10	8	71	0
CONTIG-044639	124	10	25	0	0
CONTIG-044640	106	10	14	47	0
CONTIG-044641	123	8	16	24	0
CONTIG-044642	349	14	28	86	0
CONTIG-044643	134	7	10	33	0
CONTIG-044644	366	16	28	139	0
CONTIG-044645	58	8	2	20	0
CONTIG-044646	160	4	0	10	0
CONTIG-044649	200	8	10	31	0
CONTIG-044651	236	14	30	120	0
CONTIG-044652	225	12	19	95	0
CONTIG-044653	62	5	3	5	0
CONTIG-044654	1349	30	64	1803	0
CONTIG-044655	528	13	28	239	4
CONTIG-044656	302	7	18	36	2
CONTIG-044658	75	4	5	3	0
CONTIG-044659	664	18	7	464	7
CONTIG-044660	103	7	2	17	0
CONTIG-044661	61	5	4	4	0
CONTIG-044662	63	6	34	2	0
CONTIG-044663	281	11	31	73	0
CONTIG-044664	97	6	4	21	0
CONTIG-044665	1290	20	2	0	56
CONTIG-044666	500	11	17	191	5
CONTIG-044667	622	23	79	410	2
CONTIG-044668	131	8	4	43	0
CONTIG-044669	103	8	2	17	0
CONTIG-044670	216	20	20	22	0
CONTIG-044671	157	8	11	30	0
CONTIG-044672	88	10	3	11	0
CONTIG-044673	70	6	0	2	0
CONTIG-044674	153	11	21	41	0
CONTIG-044675	219	9	2	27	2
CONTIG-044676	526	9	35	208	0
CONTIG-044677	67	7	0	0	0
CONTIG-044678	385	11	31	72	0
CONTIG-044682	324	12	14	190	0
CONTIG-044683	65	4	22	0	0
CONTIG-044684	74	11	65	11	0
CONTIG-044685	257	24	21	46	0
CONTIG-044686	100	16	8	13	0
CONTIG-044687	140	18	18	34	0
CONTIG-044688	210	18	63	88	0
CONTIG-044689	193	8	6	23	0
CONTIG-044690	366	13	6	250	0
CONTIG-044692	60	5	27	2	0

CONTIG-044693	122	13	13	55	0
CONTIG-044694	230	12	34	82	2
CONTIG-044695	82	30	4	124	0
CONTIG-044696	73	6	16	0	0
CONTIG-044697	138	10	9	20	0
CONTIG-044698	79	4	0	9	0
CONTIG-044699	66	3	2	9	0
CONTIG-044701	110	5	10	14	0
CONTIG-044702	537	16	39	306	3
CONTIG-044703	360	8	10	88	0
CONTIG-044704	181	10	6	47	0
CONTIG-044705	151	18	4	84	0
CONTIG-044706	89	6	11	11	0
CONTIG-044707	84	28	21	98	2
CONTIG-044708	203	4	6	15	0
CONTIG-044709	691	9	44	220	4
CONTIG-044710	114	9	18	14	0
CONTIG-044711	164	8	10	27	0
CONTIG-044712	69	3	2	3	0
CONTIG-044713	256	8	8	57	0
CONTIG-044714	79	6	28	3	0
CONTIG-044715	98	6	12	10	0
CONTIG-044716	221	14	20	157	0
CONTIG-044717	85	7	23	13	0
CONTIG-044718	94	30	17	110	0
CONTIG-044719	282	14	20	130	0
CONTIG-044720	220	11	34	39	0
CONTIG-044721	407	9	13	179	0
CONTIG-044723	281	6	5	72	0
CONTIG-044726	184	11	72	19	0
CONTIG-044727	243	18	10	155	2
CONTIG-044728	254	10	56	64	0
CONTIG-044729	241	14	23	111	0
CONTIG-044730	222	13	54	51	0
CONTIG-044731	173	10	12	63	0
CONTIG-044732	408	11	13	152	2
CONTIG-044733	263	14	27	93	0
CONTIG-044737	218	8	2	73	0
CONTIG-044738	138	6	13	27	0
CONTIG-044739	111	6	10	12	0
CONTIG-044740	135	9	2	64	0
CONTIG-044741	82	6	3	9	0
CONTIG-044742	246	7	10	43	0
CONTIG-044743	163	9	4	67	0
CONTIG-044744	89	4	0	9	0
CONTIG-044747	58	3	2	0	0
CONTIG-044748	96	122	20	313	37

CONTIG-044749	123	23	76	62	0
CONTIG-044750	240	30	13	31	0
CONTIG-044751	149	13	3	57	0
CONTIG-044752	63	5	8	9	0
CONTIG-044754	167	8	9	21	0
CONTIG-044755	314	11	10	132	0
CONTIG-044756	531	11	8	319	0
CONTIG-044757	73	5	0	9	0
CONTIG-044758	160	4	2	24	0
CONTIG-044759	215	12	14	98	0
CONTIG-044761	99	7	2	21	0
CONTIG-044762	441	10	13	163	4
CONTIG-044763	99	5	17	5	0
CONTIG-044764	258	35	84	513	0
CONTIG-044765	122	10	2	26	0
CONTIG-044766	98	6	5	12	0
CONTIG-044767	72	10	33	2	0
CONTIG-044768	72	9	9	16	0
CONTIG-044769	60	2	0	5	0
CONTIG-044770	151	6	4	33	0
CONTIG-044773	80	7	4	16	0
CONTIG-044774	179	12	8	63	5
CONTIG-044775	273	8	26	45	0
CONTIG-044776	231	11	33	108	0
CONTIG-044777	432	12	5	2	0
CONTIG-044778	74	4	0	14	0
CONTIG-044779	102	6	4	24	0
CONTIG-044780	64	2	2	2	0
CONTIG-044781	250	11	10	73	2
CONTIG-044782	387	44	4	76	2
CONTIG-044783	115	32	48	65	0
CONTIG-044789	180	15	14	76	0
CONTIG-044791	92	7	2	15	0
CONTIG-044792	230	13	18	124	0
CONTIG-044793	84	17	12	17	0
CONTIG-044794	75	6	0	0	0
CONTIG-044795	118	9	13	43	0
CONTIG-044796	101	9	19	20	0
CONTIG-044797	74	3	7	2	0
CONTIG-044798	71	10	6	18	0
CONTIG-044800	97	14	4	42	6
CONTIG-044801	781	15	147	404	0
CONTIG-044802	125	6	9	19	0
CONTIG-044803	120	6	21	7	0
CONTIG-044804	155	5	0	22	0
CONTIG-044805	104	7	9	23	0
CONTIG-044806	64	2	0	0	0

CONTIG-044808	159	15	46	66	0
CONTIG-044809	195	30	2	245	0
CONTIG-044811	147	5	8	12	0
CONTIG-044812	247	13	31	50	0
CONTIG-044813	142	7	0	36	0
CONTIG-044814	168	7	3	39	0
CONTIG-044816	198	19	2	0	2
CONTIG-044817	153	7	2	40	0
CONTIG-044818	40	300	2	6	0
CONTIG-044820	170	11	24	53	0
CONTIG-044821	108	13	3	39	0
CONTIG-044822	189	10	9	80	0
CONTIG-044823	260	6	23	15	0
CONTIG-044824	140	8	25	16	2
CONTIG-044825	339	17	18	151	0
CONTIG-044826	522	11	58	167	0
CONTIG-044828	197	9	7	57	0
CONTIG-044829	92	5	0	5	0
CONTIG-044830	829	35	74	1162	0
CONTIG-044831	372	7	27	61	0
CONTIG-044832	357	6	4	69	0
CONTIG-044833	125	9	7	32	2
CONTIG-044834	182	9	19	22	0
CONTIG-044835	150	4	24	0	0
CONTIG-044836	336	8	14	89	2
CONTIG-044837	76	4	6	4	0
CONTIG-044841	725	10	38	161	12
CONTIG-044842	160	4	11	10	0
CONTIG-044843	197	16	2	0	8
CONTIG-044844	477	7	5	87	2
CONTIG-044845	185	10	44	26	0
CONTIG-044848	154	9	5	47	0
CONTIG-044849	363	11	45	145	0
CONTIG-044850	109	6	2	19	0
CONTIG-044852	500	21	9	88	0
CONTIG-044853	184	8	21	44	0
CONTIG-044854	122	9	2	29	0
CONTIG-044855	147	7	21	17	0
CONTIG-044856	445	73	24	1916	0
CONTIG-044857	150	5	8	18	0
CONTIG-044858	181	12	30	42	2
CONTIG-044859	97	4	10	12	0
CONTIG-044860	201	10	0	0	0
CONTIG-044862	205	12	40	43	0
CONTIG-044863	262	10	4	91	5
CONTIG-044865	92	9	2	25	0
CONTIG-044866	84	10	10	34	0

CONTIG-044867	66	4	2	7	0
CONTIG-044870	256	14	4	0	29
CONTIG-044871	185	7	20	39	3
CONTIG-044872	61	4	8	7	0
CONTIG-044873	68	6	11	10	0
CONTIG-044874	89	13	16	3	0
CONTIG-044875	165	6	10	19	2
CONTIG-044876	899	36	5	0	0
CONTIG-044877	158	7	30	12	0
CONTIG-044878	127	6	4	5	0
CONTIG-044879	61	3	5	0	0
CONTIG-044880	86	19	5	38	0
CONTIG-044881	99	10	0	51	0
CONTIG-044882	263	9	15	69	0
CONTIG-044888	890	41	0	2	6
CONTIG-044892	277	8	4	72	0
CONTIG-044893	67	4	3	8	0
CONTIG-044894	115	9	17	37	0
CONTIG-044895	83	10	5	35	0
CONTIG-044896	130	5	8	19	0
CONTIG-044898	387	19	7	415	4
CONTIG-044899	246	4	4	31	0
CONTIG-044900	190	18	151	96	0
CONTIG-044901	276	8	0	2	0
CONTIG-044902	140	7	7	33	0
CONTIG-044903	217	12	39	103	0
CONTIG-044904	382	10	9	95	2
CONTIG-044905	119	5	4	13	5
CONTIG-044906	156	8	19	25	0
CONTIG-044907	321	9	15	127	0
CONTIG-044908	170	12	27	24	2
CONTIG-044909	72	9	27	8	0
CONTIG-044910	228	8	4	28	0
CONTIG-044911	147	10	12	52	4
CONTIG-044912	371	9	10	104	0
CONTIG-044914	76	19	19	35	0
CONTIG-044915	50	50	20	67	0
CONTIG-044916	126	22	12	45	4
CONTIG-044917	157	11	33	49	0
CONTIG-044918	254	9	21	41	0
CONTIG-044919	113	13	5	46	0
CONTIG-044920	157	11	2	50	0
CONTIG-044921	72	13	15	7	2
CONTIG-044922	60	8	10	11	0
CONTIG-044923	59	3	2	2	0
CONTIG-044930	143	19	62	102	0
CONTIG-044931	67	7	21	4	0

CONTIG-044932	195	7	7	27	0
CONTIG-044933	246	9	10	71	0
CONTIG-044934	138	11	2	25	6
CONTIG-044935	126	9	14	11	0
CONTIG-044936	97	6	10	12	0
CONTIG-044937	494	12	42	158	4
CONTIG-044938	58	13	21	9	0
CONTIG-044939	220	12	5	68	2
CONTIG-044942	127	5	9	22	0
CONTIG-044945	129	13	23	46	0
CONTIG-044946	198	5	0	17	0
CONTIG-044947	968	14	57	327	4
CONTIG-044948	134	11	4	14	0
CONTIG-044949	72	5	3	2	0
CONTIG-044950	265	15	42	113	2
CONTIG-044951	131	6	9	19	0
CONTIG-044952	283	11	31	75	2
CONTIG-044953	657	14	11	347	5
CONTIG-044954	146	6	7	22	0
CONTIG-044955	129	15	6	55	0
CONTIG-044956	103	7	4	7	0
CONTIG-044957	86	12	45	17	0
CONTIG-044958	110	5	12	11	0
CONTIG-044959	219	6	5	27	0
CONTIG-044960	392	13	44	149	2
CONTIG-044961	120	7	9	10	0
CONTIG-044962	131	4	2	12	0
CONTIG-044963	275	10	15	92	0
CONTIG-044964	107	3	0	0	0
CONTIG-044965	85	14	4	9	0
CONTIG-044966	77	9	2	6	0
CONTIG-044967	285	6	13	27	0
CONTIG-044968	402	16	48	195	2
CONTIG-044969	223	8	7	34	0
CONTIG-044970	138	11	3	30	27
CONTIG-044971	191	6	2	43	0
CONTIG-044972	84	5	8	7	0
CONTIG-044973	107	7	10	22	0
CONTIG-044974	313	10	35	86	4
CONTIG-044976	94	25	12	62	2
CONTIG-044977	719	28	39	32	0
CONTIG-044978	66	3	0	4	0
CONTIG-044980	86	4	9	2	0
CONTIG-044981	59	14	8	37	0
CONTIG-044982	392	16	36	253	8
CONTIG-044986	389	9	44	50	0
CONTIG-044987	102	5	7	11	0

CONTIG-044988	294	157	7	0	194
CONTIG-044989	162	7	38	15	0
CONTIG-044990	146	5	5	21	0
CONTIG-044991	285	5	2	18	0
CONTIG-044993	178	8	9	35	0
CONTIG-044994	63	7	5	0	0
CONTIG-044995	281	13	5	62	0
CONTIG-045005	158	8	5	25	3
CONTIG-045006	159	11	12	61	0
CONTIG-045009	80	8	22	0	0
CONTIG-045010	77	9	12	25	0
CONTIG-045012	67	13	12	17	0
CONTIG-045013	79	6	0	2	0
CONTIG-045014	97	4	11	7	0
CONTIG-045015	72	7	8	17	0
CONTIG-045016	333	10	52	45	2
CONTIG-045017	109	11	7	17	0
CONTIG-045018	191	9	33	54	0
CONTIG-045019	153	12	30	29	0
CONTIG-045020	99	10	2	41	0
CONTIG-045021	93	7	22	15	0
CONTIG-045022	116	5	23	11	0
CONTIG-045023	173	10	15	26	0
CONTIG-045024	60	7	2	17	0
CONTIG-045025	237	21	99	134	2
CONTIG-045026	401	7	2	90	0
CONTIG-045027	252	12	22	101	0
CONTIG-045035	256	8	27	0	0
CONTIG-045036	64	6	3	6	0
CONTIG-045037	127	12	55	30	0
CONTIG-045038	153	17	17	89	0
CONTIG-045039	80	8	3	0	0
CONTIG-045040	60	19	2	39	3
CONTIG-045041	341	11	23	134	0
CONTIG-045042	1052	17	122	708	0
CONTIG-045043	63	7	2	15	0
CONTIG-045044	163	5	4	2	0
CONTIG-045045	60	7	29	0	0
CONTIG-045046	463	15	57	153	0
CONTIG-045047	661	14	25	522	0
CONTIG-045048	137	5	4	24	2
CONTIG-045049	637	21	100	474	2
CONTIG-045050	108	5	34	7	0
CONTIG-045051	60	4	4	2	0
CONTIG-045053	424	8	14	35	0
CONTIG-045054	108	8	2	0	2
CONTIG-045055	97	13	17	35	0

CONTIG-045056	95	156	36	419	2
CONTIG-045057	94	6	3	20	0
CONTIG-045058	71	17	39	3	0
CONTIG-045059	62	13	2	0	0
CONTIG-045060	73	2	0	2	0
CONTIG-045061	65	5	0	4	0
CONTIG-045062	70	6	2	11	0
CONTIG-045063	76	11	33	0	0
CONTIG-045064	89	9	3	2	0
CONTIG-045065	232	18	32	172	2
CONTIG-045066	154	9	24	14	0
CONTIG-045067	212	8	2	4	0
CONTIG-045069	244	10	2	51	0
CONTIG-045070	178	8	4	26	0
CONTIG-045071	167	12	0	85	0
CONTIG-045072	119	17	14	46	0
CONTIG-045073	96	7	0	5	0
CONTIG-045076	108	8	2	24	0
CONTIG-045077	103	10	76	10	0
CONTIG-045078	82	7	4	11	0
CONTIG-045079	207	11	3	43	0
CONTIG-045080	134	19	6	50	0
CONTIG-045081	83	6	7	6	0
CONTIG-045082	108	6	9	4	0
CONTIG-045083	228	13	22	104	0
CONTIG-045084	352	24	49	88	7
CONTIG-045086	135	4	10	12	0
CONTIG-045088	256	15	11	15	0
CONTIG-045089	143	5	2	16	0
CONTIG-045090	1231	13	57	363	4
CONTIG-045092	121	6	12	24	0
CONTIG-045094	69	3	0	0	0
CONTIG-045095	309	8	11	32	0
CONTIG-045096	91	10	17	11	0
CONTIG-045097	325	24	25	269	0
CONTIG-045098	161	8	0	46	0
CONTIG-045099	230	10	10	83	0
CONTIG-045101	219	6	6	37	0
CONTIG-045102	201	8	27	17	0
CONTIG-045103	137	9	6	39	0
CONTIG-045104	194	9	6	38	4
CONTIG-045106	351	15	97	123	2
CONTIG-045107	62	2	0	2	0
CONTIG-045108	135	5	13	19	0
CONTIG-045109	353	8	52	25	0
CONTIG-045110	166	5	2	29	0
CONTIG-045111	211	13	6	125	0

CONTIG-045112	194	9	4	89	0
CONTIG-045113	196	6	7	17	0
CONTIG-045117	348	14	7	154	2
CONTIG-045118	98	6	8	20	0
CONTIG-045120	188	5	2	23	2
CONTIG-045121	182	25	4	0	0
CONTIG-045123	72	11	23	19	0
CONTIG-045124	343	20	28	258	0
CONTIG-045125	133	7	18	16	0
CONTIG-045126	172	8	0	0	2
CONTIG-045127	126	11	2	46	0
CONTIG-045128	328	15	14	81	0
CONTIG-045130	560	14	50	175	7
CONTIG-045131	402	20	37	206	2
CONTIG-045132	60	6	0	13	0
CONTIG-045134	267	7	11	65	0
CONTIG-045135	155	8	38	7	0
CONTIG-045136	66	4	2	7	0
CONTIG-045137	258	9	3	56	2
CONTIG-045138	223	19	20	161	2
CONTIG-045139	92	5	15	12	0
CONTIG-045141	86	6	0	19	0
CONTIG-045142	102	13	3	39	0
CONTIG-045143	80	6	21	0	0
CONTIG-045144	72	3	3	0	0
CONTIG-045145	180	12	47	57	0
CONTIG-045146	67	16	14	18	0
CONTIG-045147	91	7	9	4	0
CONTIG-045148	919	24	75	683	10
CONTIG-045149	348	15	6	164	0
CONTIG-045150	160	5	7	7	0
CONTIG-045151	258	13	24	160	0
CONTIG-045154	254	15	112	77	0
CONTIG-045155	186	10	20	13	2
CONTIG-045156	190	9	29	45	0
CONTIG-045157	59	6	6	3	0
CONTIG-045158	77	4	6	10	0
CONTIG-045159	214	5	17	28	0
CONTIG-045160	68	5	0	9	0
CONTIG-045161	247	12	9	92	2
CONTIG-045162	160	8	0	49	0
CONTIG-045163	687	19	65	371	0
CONTIG-045164	118	7	6	31	0
CONTIG-045165	166	11	24	25	0
CONTIG-045166	63	15	45	16	0
CONTIG-045167	102	13	9	8	0
CONTIG-045168	422	13	17	4	0

CONTIG-045169	72	5	7	5	0
CONTIG-045170	59	6	16	9	0
CONTIG-045171	60	14	2	21	0
CONTIG-045172	467	27	26	62	6
CONTIG-045174	269	16	49	109	0
CONTIG-045175	87	8	25	13	0
CONTIG-045176	63	5	2	0	0
CONTIG-045177	633	15	17	360	2
CONTIG-045178	213	8	16	54	0
CONTIG-045179	75	10	6	27	0
CONTIG-045180	480	12	0	0	41
CONTIG-045181	296	13	2	146	0
CONTIG-045182	98	12	32	42	0
CONTIG-045183	187	8	2	50	0
CONTIG-045184	156	11	12	34	0
CONTIG-045185	47	73	42	47	0
CONTIG-045186	70	4	11	2	0
CONTIG-045187	235	14	9	8	0
CONTIG-045188	97	12	4	42	0
CONTIG-045189	130	8	15	18	0
CONTIG-045190	228	26	66	194	2
CONTIG-045191	122	8	6	7	0
CONTIG-045192	219	11	8	107	0
CONTIG-045193	96	21	2	94	0
CONTIG-045194	107	8	11	23	0
CONTIG-045195	116	15	4	97	0
CONTIG-045196	159	14	2	79	2
CONTIG-045199	188	10	22	44	0
CONTIG-045200	116	5	2	17	0
CONTIG-045201	774	17	79	318	9
CONTIG-045203	82	7	13	15	0
CONTIG-045206	373	8	3	76	0
CONTIG-045210	323	10	9	140	0
CONTIG-045211	82	3	11	2	0
CONTIG-045212	121	17	59	33	2
CONTIG-045214	114	6	0	15	0
CONTIG-045215	117	8	16	31	0
CONTIG-045216	116	14	0	55	0
CONTIG-045218	47	20	4	25	0
CONTIG-045219	164	15	2	135	0
CONTIG-045220	130	12	10	45	0
CONTIG-045221	215	9	14	79	0
CONTIG-045222	240	9	17	80	0
CONTIG-045223	239	7	14	81	0
CONTIG-045225	70	8	8	10	0
CONTIG-045226	69	22	4	68	0
CONTIG-045227	399	14	34	204	2

CONTIG-045228	98	8	8	2	0
CONTIG-045229	84	27	0	5	0
CONTIG-045230	76	4	3	12	0
CONTIG-045238	101	48	8	105	41
CONTIG-045239	118	9	9	24	0
CONTIG-045240	167	8	24	40	0
CONTIG-045241	107	5	5	9	0
CONTIG-045243	206	7	24	26	0
CONTIG-045244	421	14	59	193	0
CONTIG-045245	127	6	3	2	0
CONTIG-045247	480	15	63	154	6
CONTIG-045251	61	13	25	16	0
CONTIG-045252	87	8	6	16	0
CONTIG-045253	275	8	9	74	0
CONTIG-045254	62	9	52	0	0
CONTIG-045255	117	6	12	12	0
CONTIG-045256	272	13	11	154	0
CONTIG-045257	85	4	3	8	0
CONTIG-045258	173	8	12	43	0
CONTIG-045259	298	11	30	107	0
CONTIG-045260	73	5	9	5	0
CONTIG-045261	69	10	2	9	0
CONTIG-045262	169	12	10	43	0
CONTIG-045263	136	26	42	148	0
CONTIG-045264	83	5	2	7	2
CONTIG-045265	389	11	48	95	2
CONTIG-045266	95	8	14	17	0
CONTIG-045267	105	23	17	105	0
CONTIG-045268	73	69	51	0	0
CONTIG-045269	123	7	0	9	0
CONTIG-045270	142	6	20	28	0
CONTIG-045271	141	17	27	78	0
CONTIG-045272	161	12	9	63	0
CONTIG-045273	86	6	4	3	0
CONTIG-045274	77	3	3	0	0
CONTIG-045275	636	11	64	219	0
CONTIG-045276	263	23	43	139	14
CONTIG-045277	102	9	27	28	2
CONTIG-045278	146	16	4	117	0
CONTIG-045279	79	7	7	21	0
CONTIG-045280	312	13	18	173	0
CONTIG-045281	540	9	17	152	0
CONTIG-045282	170	8	12	0	0
CONTIG-045283	166	9	6	38	0
CONTIG-045284	113	11	33	14	2
CONTIG-045286	78	9	0	28	0
CONTIG-045287	280	13	23	122	0

CONTIG-045288	135	10	9	40	2
CONTIG-045289	121	6	0	5	0
CONTIG-045290	150	9	2	51	0
CONTIG-045291	63	7	7	9	0
CONTIG-045292	70	7	23	10	0
CONTIG-045293	175	7	20	31	0
CONTIG-045294	261	8	33	78	0
CONTIG-045295	133	11	0	68	0
CONTIG-045296	237	16	63	116	0
CONTIG-045298	217	43	16	397	0
CONTIG-045299	77	7	12	17	0
CONTIG-045300	101	9	0	0	8
CONTIG-045301	280	11	38	59	2
CONTIG-045302	155	7	32	2	0
CONTIG-045303	115	9	14	4	0
CONTIG-045304	272	11	19	104	2
CONTIG-045306	162	19	38	65	0
CONTIG-045307	60	14	2	26	0
CONTIG-045308	69	4	3	0	0
CONTIG-045309	110	45	4	105	17
CONTIG-045310	51	40	2	49	0
CONTIG-045311	935	29	52	1574	0
CONTIG-045312	91	20	23	81	0
CONTIG-045313	211	7	0	0	6
CONTIG-045314	272	11	16	41	0
CONTIG-045315	83	10	25	6	0
CONTIG-045316	99	12	25	38	0
CONTIG-045317	202	22	31	160	2
CONTIG-045318	645	33	63	990	10
CONTIG-045319	89	6	25	9	0
CONTIG-045320	644	24	39	856	0
CONTIG-045321	66	4	0	3	0
CONTIG-045322	324	10	3	111	0
CONTIG-045323	59	5	2	3	0
CONTIG-045324	151	11	13	67	0
CONTIG-045325	65	11	4	14	0
CONTIG-045326	105	61	44	42	0
CONTIG-045328	130	8	31	13	2
CONTIG-045329	196	5	4	8	0
CONTIG-045330	447	19	24	410	4
CONTIG-045331	436	8	5	97	0
CONTIG-045332	193	8	28	50	2
CONTIG-045333	370	10	12	131	0
CONTIG-045334	542	21	15	372	0
CONTIG-045335	102	7	6	8	0
CONTIG-045336	164	9	0	51	0
CONTIG-045337	581	22	24	545	0

CONTIG-045339	144	6	14	27	0
CONTIG-045340	69	20	8	0	0
CONTIG-045341	184	5	10	18	0
CONTIG-045342	183	11	3	48	0
CONTIG-045343	120	30	78	90	0
CONTIG-045344	194	6	6	53	0
CONTIG-045345	167	11	23	56	0
CONTIG-045346	1092	55	0	0	222
CONTIG-045347	167	4	0	13	0
CONTIG-045348	66	5	13	0	0
CONTIG-045349	112	9	8	24	0
CONTIG-045350	207	7	9	27	2
CONTIG-045351	165	9	8	60	0
CONTIG-045352	326	17	12	320	0
CONTIG-045353	304	8	7	63	4
CONTIG-045354	250	7	2	32	2
CONTIG-045355	193	7	33	14	0
CONTIG-045356	423	26	116	304	4
CONTIG-045357	228	37	19	281	4
CONTIG-045359	349	11	33	36	0
CONTIG-045360	719	9	31	254	0
CONTIG-045361	686	24	25	678	8
CONTIG-045362	506	12	21	167	14
CONTIG-045363	134	6	5	5	0
CONTIG-045364	95	23	4	112	0
CONTIG-045365	117	31	37	99	0
CONTIG-045366	226	5	20	29	0
CONTIG-045367	97	8	10	6	0
CONTIG-045368	729	13	28	354	6
CONTIG-045369	80	86	22	237	4
CONTIG-045370	149	8	0	53	0
CONTIG-045371	121	9	4	8	0
CONTIG-045373	548	12	15	172	3
CONTIG-045374	79	7	3	19	0
CONTIG-045375	80	4	2	17	0
CONTIG-045376	149	6	9	14	0
CONTIG-045377	177	75	8	14	0
CONTIG-045378	925	20	0	0	115
CONTIG-045380	103	10	17	34	0
CONTIG-045383	115	7	6	32	0
CONTIG-045384	438	8	10	146	0
CONTIG-045385	96	9	14	15	2
CONTIG-045386	497	13	37	151	0
CONTIG-045387	159	15	8	60	0
CONTIG-045388	70	4	0	10	0
CONTIG-045389	187	7	26	32	0
CONTIG-045390	189	6	40	7	0

CONTIG-045391	74	32	53	12	0
CONTIG-045392	104	4	0	14	0
CONTIG-045393	377	6	13	52	0
CONTIG-045394	63	33	2	23	0
CONTIG-045395	166	7	8	25	0
CONTIG-045396	97	12	6	34	6
CONTIG-045397	272	15	10	114	0
CONTIG-045398	79	5	5	0	0
CONTIG-045402	80	93	12	72	0
CONTIG-045403	609	11	40	186	4
CONTIG-045404	109	23	88	63	0
CONTIG-045405	124	4	2	11	0
CONTIG-045407	152	10	5	24	0
CONTIG-045408	55	101	2	216	0
CONTIG-045410	350	22	35	248	0
CONTIG-045411	371	12	24	128	4
CONTIG-045412	49	64	18	34	0
CONTIG-045414	188	6	0	37	0
CONTIG-045420	150	9	32	38	0
CONTIG-045421	109	6	0	37	0
CONTIG-045428	75	14	3	37	0
CONTIG-045433	359	32	33	403	2
CONTIG-045434	106	6	3	23	0
CONTIG-045435	178	16	20	50	2
CONTIG-045436	195	9	10	49	2
CONTIG-045437	75	7	13	12	0
CONTIG-045439	135	4	2	13	0
CONTIG-045440	113	8	2	18	0
CONTIG-045441	371	10	27	121	0
CONTIG-045442	185	6	0	43	0
CONTIG-045443	87	11	30	4	0
CONTIG-045444	70	5	3	9	0
CONTIG-045445	299	10	19	109	0
CONTIG-045446	153	14	10	82	2
CONTIG-045447	108	6	6	22	0
CONTIG-045448	523	14	32	94	8
CONTIG-045449	67	3	3	0	0
CONTIG-045450	71	10	5	20	0
CONTIG-045451	305	10	39	90	2
CONTIG-045452	241	12	25	101	0
CONTIG-045453	212	5	3	28	0
CONTIG-045454	200	16	22	154	0
CONTIG-045455	543	9	3	164	2
CONTIG-045457	71	7	0	9	0
CONTIG-045458	265	25	22	210	8
CONTIG-045459	66	5	14	2	0
CONTIG-045460	224	9	24	35	0

CONTIG-045461	543	27	50	130	0
CONTIG-045462	76	61	17	92	18
CONTIG-045463	185	6	4	43	0
CONTIG-045464	176	8	8	43	0
CONTIG-045465	89	11	23	41	0
CONTIG-045466	254	13	25	71	0
CONTIG-045467	356	39	158	540	0
CONTIG-045468	210	13	24	109	2
CONTIG-045469	262	83	80	0	273
CONTIG-045470	331	9	35	55	0
CONTIG-045471	385	7	21	71	0
CONTIG-045473	93	3	3	4	0
CONTIG-045474	105	6	11	22	0
CONTIG-045475	81	9	35	2	0
CONTIG-045476	48	41	16	74	0
CONTIG-045478	62	11	3	35	0
CONTIG-045479	135	9	6	42	0
CONTIG-045484	106	9	31	10	0
CONTIG-045485	162	17	51	30	2
CONTIG-045486	177	6	12	27	0
CONTIG-045487	94	15	13	55	0
CONTIG-045488	113	3	6	2	0
CONTIG-045489	487	19	8	0	19
CONTIG-045490	147	7	0	42	0
CONTIG-045491	175	5	7	26	2
CONTIG-045492	111	24	19	8	0
CONTIG-045493	153	5	0	0	0
CONTIG-045494	149	8	5	10	0
CONTIG-045495	776	11	22	303	2
CONTIG-045496	74	4	2	4	0
CONTIG-045497	155	18	17	93	0
CONTIG-045498	83	22	10	87	0
CONTIG-045499	86	4	6	4	0
CONTIG-045500	103	8	18	14	2
CONTIG-045501	609	16	12	221	7
CONTIG-045502	286	15	29	136	2
CONTIG-045503	262	21	65	133	7
CONTIG-045504	171	10	18	27	0
CONTIG-045505	98	6	2	12	0
CONTIG-045506	642	10	30	197	6
CONTIG-045507	113	6	8	30	0
CONTIG-045508	158	180	20	852	23
CONTIG-045509	59	23	4	60	0
CONTIG-045510	410	212	52	0	1539
CONTIG-045511	140	18	65	0	61
CONTIG-045512	170	14	9	79	0
CONTIG-045513	58	4	13	0	0

CONTIG-045514	166	7	12	30	0
CONTIG-045515	257	6	17	31	0
CONTIG-045516	81	14	7	57	0
CONTIG-045517	131	10	14	14	2
CONTIG-045518	62	3	3	2	0
CONTIG-045519	141	4	3	15	0
CONTIG-045520	360	12	8	168	0
CONTIG-045521	84	6	0	11	0
CONTIG-045522	316	138	26	14	583
CONTIG-045523	335	12	15	21	4
CONTIG-045525	299	10	7	87	0
CONTIG-045526	215	39	53	311	2
CONTIG-045527	341	5	0	46	0
CONTIG-045528	59	6	19	4	0
CONTIG-045529	99	9	23	33	0
CONTIG-045530	118	6	50	4	0
CONTIG-045531	64	6	3	13	0
CONTIG-045532	74	21	18	14	0
CONTIG-045533	198	107	3	0	232
CONTIG-045534	174	6	9	30	0
CONTIG-045535	43	17	6	0	0
CONTIG-045536	147	5	11	13	0
CONTIG-045537	142	6	14	18	0
CONTIG-045538	148	7	20	17	0
CONTIG-045539	94	12	13	28	0
CONTIG-045540	101	3	0	2	0
CONTIG-045541	92	6	13	6	0
CONTIG-045542	238	8	22	63	0
CONTIG-045543	114	13	5	17	0
CONTIG-045544	108	9	27	23	0
CONTIG-045545	136	18	54	40	0
CONTIG-045546	128	8	2	48	0
CONTIG-045547	121	13	8	35	2
CONTIG-045548	266	12	30	48	2
CONTIG-045549	121	9	0	26	0
CONTIG-045554	67	8	4	12	0
CONTIG-045555	81	10	13	20	0
CONTIG-045556	88	5	4	8	0
CONTIG-045557	83	20	9	20	0
CONTIG-045558	92	9	3	9	0
CONTIG-045559	157	4	17	16	0
CONTIG-045560	113	4	10	12	0
CONTIG-045561	124	12	22	25	6
CONTIG-045563	363	8	12	42	2
CONTIG-045565	111	13	58	13	0
CONTIG-045566	68	6	6	11	0
CONTIG-045567	185	14	21	78	0

CONTIG-045568	60	6	3	5	0
CONTIG-045569	154	8	25	22	0
CONTIG-045570	372	10	37	36	0
CONTIG-045571	648	14	42	213	0
CONTIG-045572	130	8	23	32	0
CONTIG-045573	98	6	5	20	0
CONTIG-045574	78	5	0	15	0
CONTIG-045575	416	35	44	233	14
CONTIG-045576	145	7	14	21	0
CONTIG-045577	201	7	7	52	0
CONTIG-045578	122	6	26	10	0
CONTIG-045579	1070	19	2	0	99
CONTIG-045580	64	10	23	12	0
CONTIG-045581	423	8	9	124	0
CONTIG-045582	184	101	58	866	0
CONTIG-045583	59	6	2	15	0
CONTIG-045584	144	5	2	21	0
CONTIG-045585	482	10	29	163	0
CONTIG-045586	111	6	27	11	0
CONTIG-045587	135	4	4	21	0
CONTIG-045588	76	41	3	87	2
CONTIG-045589	473	12	29	140	0
CONTIG-045590	473	8	16	94	0
CONTIG-045591	412	22	51	137	2
CONTIG-045592	94	14	49	19	0
CONTIG-045593	105	5	33	0	0
CONTIG-045594	124	6	7	25	0
CONTIG-045602	96	5	2	10	0
CONTIG-045603	134	4	5	8	0
CONTIG-045604	98	5	16	7	0
CONTIG-045605	88	6	2	7	0
CONTIG-045606	234	10	2	80	0
CONTIG-045607	58	4	2	9	0
CONTIG-045608	96	8	15	19	0
CONTIG-045609	68	8	8	12	0
CONTIG-045610	197	16	16	154	0
CONTIG-045611	64	15	16	11	0
CONTIG-045612	168	8	79	23	0
CONTIG-045613	62	4	0	4	2
CONTIG-045614	204	25	91	47	0
CONTIG-045615	65	3	0	0	0
CONTIG-045616	137	7	10	19	0
CONTIG-045617	76	6	7	6	0
CONTIG-045618	913	14	28	395	9
CONTIG-045619	131	9	5	26	0
CONTIG-045620	83	23	12	59	0
CONTIG-045621	209	15	15	150	0

CONTIG-045622	156	20	15	55	4
CONTIG-045623	92	5	3	5	0
CONTIG-045624	200	22	6	198	0
CONTIG-045625	52	23	31	26	0
CONTIG-045626	126	7	5	27	0
CONTIG-045627	59	3	2	2	0
CONTIG-045628	36	19	0	3	0
CONTIG-045629	230	8	0	32	0
CONTIG-045630	395	13	32	94	4
CONTIG-045631	112	11	9	40	0
CONTIG-045632	177	11	31	77	0
CONTIG-045634	63	4	5	0	0
CONTIG-045635	131	38	45	197	0
CONTIG-045636	77	9	18	17	0
CONTIG-045637	79	13	26	26	0
CONTIG-045638	100	4	3	10	0
CONTIG-045639	246	4	6	34	0
CONTIG-045640	218	6	9	29	2
CONTIG-045641	261	7	7	30	0
CONTIG-045642	116	10	0	0	2
CONTIG-045643	96	4	7	2	0
CONTIG-045644	125	50	4	357	0
CONTIG-045645	108	5	2	10	0
CONTIG-045646	545	27	24	27	0
CONTIG-045648	102	5	2	15	0
CONTIG-045649	69	5	0	10	2
CONTIG-045650	262	8	3	63	0
CONTIG-045652	49	36	12	42	0
CONTIG-045653	187	10	12	47	0
CONTIG-045654	81	18	34	10	0
CONTIG-045655	169	15	20	85	0
CONTIG-045656	176	18	10	122	0
CONTIG-045657	113	7	3	25	0
CONTIG-045658	97	12	16	25	0
CONTIG-045659	198	8	7	58	0
CONTIG-045660	162	12	15	59	0
CONTIG-045661	71	4	2	0	0
CONTIG-045662	69	4	6	2	0
CONTIG-045663	355	14	24	195	0
CONTIG-045664	470	16	44	185	14
CONTIG-045665	208	11	34	39	7
CONTIG-045666	70	16	13	38	0
CONTIG-045667	590	27	47	906	2
CONTIG-045668	128	4	5	14	0
CONTIG-045669	97	9	10	2	0
CONTIG-045670	79	6	13	14	0
CONTIG-045671	69	5	8	2	0

CONTIG-045672	302	10	13	16	0
CONTIG-045673	111	16	23	31	0
CONTIG-045674	146	6	10	25	0
CONTIG-045675	188	9	15	45	2
CONTIG-045676	116	6	8	2	0
CONTIG-045677	149	35	141	174	2
CONTIG-045678	476	12	23	184	0
CONTIG-045679	556	19	18	574	0
CONTIG-045680	69	2	3	2	0
CONTIG-045681	387	17	2	214	2
CONTIG-045682	169	6	0	0	0
CONTIG-045683	440	10	20	115	0
CONTIG-045684	66	4	17	2	0
CONTIG-045685	347	21	5	119	0
CONTIG-045686	65	3	6	4	0
CONTIG-045690	111	8	9	24	0
CONTIG-045692	459	10	9	137	4
CONTIG-045693	85	5	7	16	0
CONTIG-045694	199	10	16	53	2
CONTIG-045695	315	12	22	160	0
CONTIG-045696	217	14	42	18	0
CONTIG-045697	733	47	58	1820	11
CONTIG-045698	58	9	4	9	0
CONTIG-045699	62	5	8	5	0
CONTIG-045700	108	7	6	25	0
CONTIG-045701	1378	20	62	750	39
CONTIG-045702	87	7	4	11	0
CONTIG-045705	113	23	37	2	0
CONTIG-045706	201	9	8	78	0
CONTIG-045707	62	55	65	111	0
CONTIG-045708	585	13	6	297	6
CONTIG-045709	167	7	5	43	0
CONTIG-045710	67	31	0	76	0
CONTIG-045712	124	5	22	9	2
CONTIG-045713	225	7	5	55	0
CONTIG-045715	333	11	35	57	0
CONTIG-045716	341	11	23	66	2
CONTIG-045718	76	8	7	24	0
CONTIG-045719	133	13	0	75	0
CONTIG-045720	181	6	26	20	0
CONTIG-045721	158	7	8	28	0
CONTIG-045722	372	16	28	250	0
CONTIG-045723	154	7	9	34	0
CONTIG-045724	837	16	25	291	11
CONTIG-045725	59	2	2	0	0
CONTIG-045726	345	6	12	62	0
CONTIG-045728	174	5	3	7	0

CONTIG-045729	81	7	8	15	0
CONTIG-045730	58	7	5	10	0
CONTIG-045732	139	14	6	78	0
CONTIG-045733	127	10	7	65	0
CONTIG-045734	311	15	6	224	0
CONTIG-045736	84	6	13	15	0
CONTIG-045737	116	13	103	16	0
CONTIG-045738	630	15	45	400	0
CONTIG-045739	110	6	11	8	0
CONTIG-045740	104	13	6	66	0
CONTIG-045741	190	7	31	21	2
CONTIG-045743	94	5	0	14	0
CONTIG-045744	461	10	8	120	2
CONTIG-045745	567	9	24	117	15
CONTIG-045746	717	16	45	334	9
CONTIG-045747	83	6	9	5	0
CONTIG-045751	73	4	3	4	0
CONTIG-045752	69	19	5	42	0
CONTIG-045753	343	44	19	895	0
CONTIG-045754	92	10	25	25	0
CONTIG-045755	202	13	39	112	0
CONTIG-045756	139	8	11	63	0
CONTIG-045758	133	8	18	30	0
CONTIG-045759	203	19	9	85	0
CONTIG-045760	70	4	0	6	0
CONTIG-045761	84	7	2	28	0
CONTIG-045762	757	7	26	145	0
CONTIG-045763	191	9	29	58	2
CONTIG-045764	212	7	5	44	0
CONTIG-045766	238	15	14	179	0
CONTIG-045767	83	10	21	25	0
CONTIG-045768	405	11	24	234	0
CONTIG-045769	174	4	7	4	0
CONTIG-045770	67	4	4	6	0
CONTIG-045771	228	6	23	41	0
CONTIG-045772	381	19	10	11	0
CONTIG-045773	168	7	4	15	0
CONTIG-045774	442	19	15	332	4
CONTIG-045775	156	6	16	22	0
CONTIG-045776	236	4	3	34	0
CONTIG-045777	194	16	4	77	0
CONTIG-045778	99	5	16	5	0
CONTIG-045779	567	10	24	38	0
CONTIG-045780	89	2	0	2	0
CONTIG-045781	54	14	3	9	0
CONTIG-045782	74	62	5	79	0
CONTIG-045783	65	9	4	14	2

CONTIG-045784	195	17	31	59	4
CONTIG-045786	150	12	20	71	0
CONTIG-045787	108	9	25	20	0
CONTIG-045788	127	6	12	26	0
CONTIG-045789	133	5	2	2	0
CONTIG-045790	460	21	22	463	0
CONTIG-045791	216	15	6	72	0
CONTIG-045792	66	3	4	0	0
CONTIG-045794	69	15	7	4	0
CONTIG-045795	191	6	12	5	0
CONTIG-045796	139	11	23	33	0
CONTIG-045797	548	8	20	131	0
CONTIG-045798	82	9	26	18	0
CONTIG-045799	109	7	13	20	0
CONTIG-045800	459	7	36	70	5
CONTIG-045801	116	10	7	31	0
CONTIG-045808	281	11	25	67	0
CONTIG-045809	182	8	11	49	0
CONTIG-045810	147	15	5	94	2
CONTIG-045811	159	3	14	2	0
CONTIG-045813	235	6	10	43	0
CONTIG-045814	191	11	16	69	0
CONTIG-045815	235	9	20	61	0
CONTIG-045817	161	12	15	58	0
CONTIG-045818	59	6	4	4	0
CONTIG-045819	67	11	18	25	0
CONTIG-045821	59	12	13	19	3
CONTIG-045823	75	6	0	12	0
CONTIG-045824	69	24	34	34	0
CONTIG-045825	83	7	24	13	0
CONTIG-045826	140	8	11	31	0
CONTIG-045827	72	6	12	0	0
CONTIG-045828	147	8	18	16	0
CONTIG-045830	68	5	0	10	2
CONTIG-045831	71	3	0	6	0
CONTIG-045832	103	19	7	58	0
CONTIG-045834	242	8	9	18	6
CONTIG-045835	89	6	16	15	0
CONTIG-045836	522	15	56	222	0
CONTIG-045837	521	18	8	312	11
CONTIG-045838	109	4	0	10	0
CONTIG-045839	112	5	2	15	0
CONTIG-045840	74	5	9	11	0
CONTIG-045845	98	9	15	15	0
CONTIG-045846	219	11	29	71	0
CONTIG-045847	196	9	26	54	2
CONTIG-045848	80	6	3	0	0

CONTIG-045849	77	7	55	0	0
CONTIG-045850	349	9	13	71	0
CONTIG-045851	92	5	3	8	0
CONTIG-045852	106	4	3	13	0
CONTIG-045853	281	12	22	137	0
CONTIG-045854	69	5	6	2	0
CONTIG-045855	100	6	11	17	0
CONTIG-045856	98	8	20	8	0
CONTIG-045857	108	23	10	104	0
CONTIG-045858	381	12	50	84	4
CONTIG-045859	540	14	43	157	3
CONTIG-045860	81	12	8	25	0
CONTIG-045861	327	15	54	104	2
CONTIG-045862	486	18	51	224	2
CONTIG-045863	74	3	2	2	0
CONTIG-045865	116	6	4	14	0
CONTIG-045866	183	6	9	20	0
CONTIG-045867	291	18	57	162	2
CONTIG-045868	143	8	15	36	0
CONTIG-045869	131	5	7	10	0
CONTIG-045870	219	15	7	136	0
CONTIG-045871	347	7	29	46	2
CONTIG-045872	37	6	6	0	0
CONTIG-045873	456	11	45	166	0
CONTIG-045874	215	10	32	67	0
CONTIG-045875	124	7	8	34	0
CONTIG-045876	75	23	25	37	0
CONTIG-045877	345	19	22	114	0
CONTIG-045879	452	8	12	82	2
CONTIG-045880	257	7	0	52	0
CONTIG-045882	81	8	14	15	0
CONTIG-045883	118	7	3	34	0
CONTIG-045885	158	6	0	15	0
CONTIG-045886	180	5	2	22	2
CONTIG-045887	463	20	17	380	0
CONTIG-045888	151	6	10	22	0
CONTIG-045889	156	8	0	49	0
CONTIG-045892	616	17	30	424	3
CONTIG-045893	155	12	21	46	0
CONTIG-045894	73	11	16	0	0
CONTIG-045895	53	38	7	51	0
CONTIG-045897	144	12	8	77	0
CONTIG-045899	99	6	9	20	0
CONTIG-045900	107	9	4	34	0
CONTIG-045901	383	13	18	43	0
CONTIG-045906	129	12	108	0	0
CONTIG-045907	106	6	0	21	0

CONTIG-045909	70	6	14	0	0
CONTIG-045910	161	12	32	11	0
CONTIG-045911	91	7	26	4	0
CONTIG-045912	191	7	6	34	2
CONTIG-045913	162	8	7	24	0
CONTIG-045914	326	25	33	295	4
CONTIG-045915	360	12	15	111	0
CONTIG-045916	424	12	16	194	2
CONTIG-045917	187	17	24	110	0
CONTIG-045918	62	3	0	0	0
CONTIG-045919	194	6	2	25	0
CONTIG-045920	80	13	2	10	0
CONTIG-045921	149	7	10	39	0
CONTIG-045922	390	19	29	332	0
CONTIG-045925	252	13	12	70	2
CONTIG-045926	70	6	5	6	0
CONTIG-045927	88	9	3	0	0
CONTIG-045928	78	5	0	0	0
CONTIG-045929	143	4	5	12	2
CONTIG-045930	251	9	4	79	2
CONTIG-045931	120	6	4	12	0
CONTIG-045933	49	387	34	725	39
CONTIG-045936	280	11	24	128	0
CONTIG-045938	91	4	7	4	0
CONTIG-045939	214	13	45	39	0
CONTIG-045942	140	64	83	445	3
CONTIG-045943	82	6	2	17	0
CONTIG-045944	73	10	13	19	0
CONTIG-045946	183	8	15	32	0
CONTIG-045947	65	28	49	38	0
CONTIG-045948	124	10	19	43	0
CONTIG-045949	59	3	0	2	0
CONTIG-045950	109	7	17	28	0
CONTIG-045952	74	7	0	15	0
CONTIG-045953	61	6	0	2	0
CONTIG-045954	197	8	18	40	0
CONTIG-045955	182	8	9	28	0
CONTIG-045956	356	15	31	125	0
CONTIG-045957	226	8	21	46	0
CONTIG-045958	115	6	0	17	0
CONTIG-045959	361	28	41	328	2
CONTIG-045960	153	16	42	121	0
CONTIG-045961	195	8	9	45	0
CONTIG-045962	216	9	27	41	0
CONTIG-045963	178	10	6	61	0
CONTIG-045964	114	6	2	20	0
CONTIG-045965	129	4	8	12	0

CONTIG-045966	88	12	0	6	0
CONTIG-045967	301	12	32	61	4
CONTIG-045968	101	9	2	49	0
CONTIG-045969	59	9	5	10	0
CONTIG-045970	71	3	2	0	0
CONTIG-045971	156	16	69	40	0
CONTIG-045972	461	18	4	491	0
CONTIG-045973	103	6	2	20	0
CONTIG-045974	250	32	8	253	30
CONTIG-045975	104	5	2	16	0
CONTIG-045976	172	11	29	21	0
CONTIG-045977	248	9	30	58	0
CONTIG-045979	236	5	19	3	5
CONTIG-045980	72	16	16	21	0
CONTIG-045981	60	3	0	3	0
CONTIG-045982	314	12	17	192	0
CONTIG-045983	96	7	48	2	0
CONTIG-045984	121	7	27	14	0
CONTIG-045985	227	21	28	61	0
CONTIG-045986	72	10	12	17	0
CONTIG-045987	65	6	4	7	0
CONTIG-045988	63	16	2	0	0
CONTIG-045989	207	13	79	32	2
CONTIG-045990	179	20	21	114	0
CONTIG-045991	84	17	95	20	0
CONTIG-045992	120	5	2	23	0
CONTIG-045993	84	10	8	37	0
CONTIG-045996	64	147	14	463	0
CONTIG-045997	161	10	86	29	0
CONTIG-045998	60	7	0	8	0
CONTIG-045999	89	6	6	10	0
CONTIG-046000	256	7	23	41	2
CONTIG-046001	158	11	3	14	0
CONTIG-046002	127	6	9	25	0
CONTIG-046003	98	6	5	19	0
CONTIG-046006	98	17	46	10	0
CONTIG-046007	333	10	79	100	0
CONTIG-046008	164	9	4	57	0
CONTIG-046009	159	9	11	56	0
CONTIG-046010	91	4	9	2	0
CONTIG-046011	62	6	5	7	0
CONTIG-046012	470	7	11	63	5
CONTIG-046013	200	12	18	6	0
CONTIG-046014	141	6	15	11	0
CONTIG-046015	97	5	2	18	0
CONTIG-046016	231	7	6	38	0
CONTIG-046024	210	13	42	78	2

CONTIG-046025	231	16	14	20	0
CONTIG-046026	93	5	12	0	0
CONTIG-046027	135	7	9	15	0
CONTIG-046028	209	6	3	53	0
CONTIG-046029	150	11	13	61	2
CONTIG-046030	164	24	26	175	2
CONTIG-046031	267	11	8	80	0
CONTIG-046032	94	6	0	17	0
CONTIG-046034	193	7	0	44	0
CONTIG-046035	84	5	2	13	0
CONTIG-046036	130	9	0	64	0
CONTIG-046037	67	12	15	0	0
CONTIG-046039	100	7	5	12	0
CONTIG-046040	63	5	3	8	0
CONTIG-046041	286	16	21	211	0
CONTIG-046043	167	4	9	4	0
CONTIG-046044	259	15	56	135	2
CONTIG-046046	333	14	24	115	2
CONTIG-046047	196	9	2	39	4
CONTIG-046048	98	6	0	3	0
CONTIG-046049	276	12	21	42	0
CONTIG-046050	335	8	13	89	2
CONTIG-046051	123	9	17	37	0
CONTIG-046052	203	12	31	102	0
CONTIG-046053	169	10	30	53	0
CONTIG-046054	809	11	23	282	6
CONTIG-046055	354	20	75	108	2
CONTIG-046056	154	4	2	8	0
CONTIG-046057	74	8	30	0	0
CONTIG-046058	143	8	17	13	0
CONTIG-046059	155	7	16	17	0
CONTIG-046060	71	6	8	9	0
CONTIG-046061	128	6	8	12	0
CONTIG-046062	62	24	22	37	2
CONTIG-046063	89	47	118	76	0
CONTIG-046064	121	8	12	26	0
CONTIG-046065	109	130	11	557	0
CONTIG-046066	169	5	20	15	0
CONTIG-046067	292	8	0	59	0
CONTIG-046068	138	8	13	34	0
CONTIG-046069	304	10	24	77	4
CONTIG-046070	487	16	9	7	0
CONTIG-046071	58	2	0	0	0
CONTIG-046074	130	13	21	2	0
CONTIG-046075	76	5	8	0	0
CONTIG-046076	551	31	100	468	2
CONTIG-046077	210	7	8	40	2

CONTIG-046079	91	8	13	29	0
CONTIG-046080	233	51	81	370	16
CONTIG-046081	107	9	4	38	0
CONTIG-046082	265	12	14	103	0
CONTIG-046083	78	5	0	5	0
CONTIG-046084	296	10	0	74	0
CONTIG-046085	107	5	5	12	0
CONTIG-046086	124	6	6	20	0
CONTIG-046087	155	12	3	76	3
CONTIG-046090	351	13	11	166	0
CONTIG-046091	89	6	5	16	0
CONTIG-046092	78	6	2	15	0
CONTIG-046093	152	9	19	18	3
CONTIG-046094	108	5	19	2	0
CONTIG-046096	352	14	17	125	0
CONTIG-046097	459	50	27	956	0
CONTIG-046098	159	11	5	43	0
CONTIG-046099	118	3	0	7	0
CONTIG-046100	412	8	18	134	0
CONTIG-046101	118	7	6	27	0
CONTIG-046102	253	14	9	104	10
CONTIG-046103	132	8	6	8	3
CONTIG-046105	303	9	10	67	0
CONTIG-046106	212	11	39	77	0
CONTIG-046107	160	8	0	44	0
CONTIG-046108	38	77	12	32	0
CONTIG-046109	136	6	13	22	0
CONTIG-046110	111	559	3	0	351
CONTIG-046111	754	11	26	192	6
CONTIG-046112	97	11	2	40	0
CONTIG-046113	217	9	49	30	0
CONTIG-046114	139	8	49	27	0
CONTIG-046115	104	6	5	21	0
CONTIG-046117	68	5	3	9	0
CONTIG-046118	284	12	7	147	0
CONTIG-046119	79	5	11	12	0
CONTIG-046120	92	8	2	14	2
CONTIG-046121	99	6	47	2	0
CONTIG-046122	178	18	23	141	0
CONTIG-046123	228	8	14	23	2
CONTIG-046124	166	11	0	27	0
CONTIG-046125	64	11	14	18	0
CONTIG-046126	186	5	8	22	0
CONTIG-046127	122	18	24	37	3
CONTIG-046128	137	8	2	30	2
CONTIG-046129	299	10	41	63	0
CONTIG-046130	163	12	4	107	0

CONTIG-046131	103	12	56	0	0
CONTIG-046132	60	79	43	130	0
CONTIG-046133	59	8	29	0	0
CONTIG-046134	372	14	26	143	2
CONTIG-046135	229	6	40	0	2
CONTIG-046136	84	10	3	18	0
CONTIG-046137	64	12	0	0	0
CONTIG-046139	149	9	13	35	0
CONTIG-046140	79	22	24	87	0
CONTIG-046141	68	8	16	6	0
CONTIG-046142	209	14	7	172	0
CONTIG-046143	845	15	13	378	14
CONTIG-046145	865	19	37	412	3
CONTIG-046146	107	9	3	18	0
CONTIG-046147	120	281	558	1184	8
CONTIG-046148	347	144	3	0	1208
CONTIG-046149	72	5	12	6	0
CONTIG-046150	160	7	8	27	0
CONTIG-046151	193	19	28	79	0
CONTIG-046152	416	23	25	50	0
CONTIG-046153	185	62	65	325	14
CONTIG-046154	75	4	2	4	0
CONTIG-046155	65	3	2	6	0
CONTIG-046156	80	83	16	144	14
CONTIG-046157	124	8	26	0	0
CONTIG-046158	350	13	51	152	0
CONTIG-046159	75	12	46	16	0
CONTIG-046160	255	11	22	78	0
CONTIG-046161	166	9	22	36	0
CONTIG-046162	80	10	10	32	0
CONTIG-046163	162	8	14	36	0
CONTIG-046169	120	19	14	0	23
CONTIG-046170	128	5	8	18	0
CONTIG-046171	97	6	9	18	0
CONTIG-046174	892	14	6	132	0
CONTIG-046175	79	19	21	37	2
CONTIG-046176	246	7	23	42	0
CONTIG-046177	101	7	11	19	0
CONTIG-046178	148	16	4	6	0
CONTIG-046179	356	29	31	157	0
CONTIG-046180	166	6	5	35	0
CONTIG-046181	84	53	83	81	0
CONTIG-046182	64	6	5	6	0
CONTIG-046183	79	8	4	15	0
CONTIG-046184	63	4	0	4	0
CONTIG-046185	423	15	80	123	2
CONTIG-046186	219	3	5	11	0

CONTIG-046187	307	51	47	613	0
CONTIG-046189	396	20	23	144	16
CONTIG-046190	278	22	15	240	2
CONTIG-046191	420	20	10	362	2
CONTIG-046192	223	6	3	36	0
CONTIG-046193	99	4	6	7	0
CONTIG-046194	117	10	5	19	0
CONTIG-046195	120	7	11	28	0
CONTIG-046196	172	3	6	2	0
CONTIG-046197	91	10	2	31	0
CONTIG-046204	274	13	17	162	0
CONTIG-046205	107	9	9	26	0
CONTIG-046206	59	3	0	0	0
CONTIG-046207	79	10	7	33	0
CONTIG-046208	69	5	6	8	0
CONTIG-046209	70	5	7	4	0
CONTIG-046210	121	6	0	18	0
CONTIG-046211	72	5	2	9	0
CONTIG-046212	98	8	32	2	0
CONTIG-046213	92	8	4	18	0
CONTIG-046214	120	11	9	49	0
CONTIG-046216	73	5	4	9	0
CONTIG-046217	222	5	28	20	0
CONTIG-046219	922	24	101	736	2
CONTIG-046220	128	7	5	25	0
CONTIG-046221	365	27	15	404	10
CONTIG-046222	61	2	2	2	0
CONTIG-046223	144	18	4	32	0
CONTIG-046224	349	28	59	274	10
CONTIG-046225	66	12	11	24	0
CONTIG-046226	124	5	4	12	0
CONTIG-046227	757	17	3	0	0
CONTIG-046228	99	6	26	11	0
CONTIG-046229	104	15	23	50	0
CONTIG-046230	161	8	5	44	0
CONTIG-046231	118	75	19	366	2
CONTIG-046232	59	9	5	15	0
CONTIG-046233	120	11	6	26	0
CONTIG-046234	391	89	135	997	0
CONTIG-046235	194	6	15	33	0
CONTIG-046236	111	11	5	27	0
CONTIG-046237	81	17	20	39	0
CONTIG-046238	59	7	14	0	0
CONTIG-046239	107	7	12	14	0
CONTIG-046240	180	9	16	42	0
CONTIG-046248	77	8	11	20	0
CONTIG-046249	152	7	0	34	0

CONTIG-046250	130	10	26	34	0
CONTIG-046251	70	13	15	10	0
CONTIG-046252	152	6	40	8	0
CONTIG-046253	346	7	15	51	0
CONTIG-046254	93	5	19	2	0
CONTIG-046256	72	7	4	15	0
CONTIG-046257	241	6	14	24	4
CONTIG-046258	60	7	6	11	0
CONTIG-046260	201	5	3	30	0
CONTIG-046261	70	8	3	12	0
CONTIG-046262	86	15	40	46	0
CONTIG-046263	98	6	26	4	0
CONTIG-046264	302	14	17	74	0
CONTIG-046265	241	11	22	99	0
CONTIG-046266	76	15	3	17	0
CONTIG-046268	196	8	44	36	0
CONTIG-046269	99	13	10	29	2
CONTIG-046270	602	17	55	227	2
CONTIG-046271	244	18	8	2	0
CONTIG-046272	165	56	101	136	0
CONTIG-046273	529	7	3	144	2
CONTIG-046274	130	8	3	0	8
CONTIG-046275	804	16	46	306	2
CONTIG-046276	851	21	60	570	25
CONTIG-046278	267	23	47	183	0
CONTIG-046279	377	7	15	70	2
CONTIG-046280	132	4	2	9	0
CONTIG-046281	93	11	4	41	0
CONTIG-046282	119	4	2	12	0
CONTIG-046283	168	11	6	54	0
CONTIG-046284	111	16	35	34	0
CONTIG-046285	142	5	5	23	2
CONTIG-046286	392	11	24	85	0
CONTIG-046287	78	7	23	9	0
CONTIG-046288	86	8	6	20	0
CONTIG-046289	126	7	0	14	0
CONTIG-046290	63	9	11	11	0
CONTIG-046291	301	48	4	0	122
CONTIG-046292	101	6	9	12	0
CONTIG-046293	139	11	8	0	0
CONTIG-046294	231	9	2	64	2
CONTIG-046295	103	7	34	17	0
CONTIG-046298	560	35	48	1115	0
CONTIG-046299	108	15	21	35	0
CONTIG-046300	73	7	12	4	0
CONTIG-046301	305	14	38	99	2
CONTIG-046302	1164	22	18	1075	6

CONTIG-046303	134	9	8	32	0
CONTIG-046304	78	8	2	14	0
CONTIG-046305	317	10	11	146	0
CONTIG-046306	153	57	186	143	0
CONTIG-046307	889	17	76	604	0
CONTIG-046309	66	12	0	20	0
CONTIG-046312	584	15	16	58	0
CONTIG-046313	49	454	38	560	0
CONTIG-046315	79	6	0	17	0
CONTIG-046316	86	3	2	0	0
CONTIG-046317	158	6	6	34	0
CONTIG-046318	97	5	0	16	0
CONTIG-046319	80	4	12	0	0
CONTIG-046320	82	4	0	7	0
CONTIG-046321	87	4	5	12	0
CONTIG-046322	463	15	33	342	0
CONTIG-046323	126	4	4	8	0
CONTIG-046325	119	6	17	17	0
CONTIG-046326	155	4	4	0	2
CONTIG-046327	125	13	7	38	0
CONTIG-046328	348	44	101	148	7
CONTIG-046329	66	5	0	8	0
CONTIG-046330	75	9	13	8	0
CONTIG-046331	251	13	9	103	0
CONTIG-046332	376	10	21	137	0
CONTIG-046333	220	9	2	41	0
CONTIG-046334	490	9	19	205	0
CONTIG-046338	180	8	8	39	0
CONTIG-046339	191	10	11	74	0
CONTIG-046340	240	9	14	61	0
CONTIG-046341	291	10	6	110	0
CONTIG-046343	203	6	0	17	0
CONTIG-046344	1094	35	2	0	315
CONTIG-046346	684	27	115	733	7
CONTIG-046347	61	4	6	2	0
CONTIG-046348	247	8	9	71	2
CONTIG-046353	130	8	12	32	0
CONTIG-046354	63	11	15	14	0
CONTIG-046355	570	12	26	176	2
CONTIG-046356	223	10	40	59	0
CONTIG-046357	112	4	10	7	0
CONTIG-046358	117	8	8	16	0
CONTIG-046359	70	14	2	40	0
CONTIG-046360	51	176	16	156	6
CONTIG-046361	114	9	2	20	0
CONTIG-046362	271	15	24	120	2
CONTIG-046363	200	10	5	66	0

CONTIG-046364	403	6	7	68	2
CONTIG-046365	69	3	2	4	0
CONTIG-046366	107	8	50	13	0
CONTIG-046367	60	3	4	6	0
CONTIG-046376	346	11	21	126	2
CONTIG-046377	226	8	53	40	0
CONTIG-046378	127	5	4	11	0
CONTIG-046379	324	10	41	89	4
CONTIG-046380	474	21	50	459	2
CONTIG-046381	67	10	36	10	0
CONTIG-046382	127	5	0	18	0
CONTIG-046383	87	5	0	8	0
CONTIG-046384	85	6	0	11	0
CONTIG-046385	75	3	0	7	0
CONTIG-046386	130	6	3	23	0
CONTIG-046387	403	15	16	100	11
CONTIG-046388	58	14	25	12	0
CONTIG-046390	150	5	3	31	0
CONTIG-046391	142	6	7	33	0
CONTIG-046392	303	6	0	2	0
CONTIG-046393	129	10	18	46	0
CONTIG-046394	144	6	20	19	0
CONTIG-046395	250	10	17	54	2
CONTIG-046396	211	8	24	37	0
CONTIG-046397	80	5	4	0	0
CONTIG-046398	95	34	2	128	0
CONTIG-046401	59	13	11	21	0
CONTIG-046403	64	5	14	4	0
CONTIG-046404	110	30	18	153	0
CONTIG-046405	125	7	0	33	0
CONTIG-046406	84	21	12	60	0
CONTIG-046407	63	9	11	19	0
CONTIG-046408	92	150	16	316	0
CONTIG-046409	230	8	2	89	2
CONTIG-046410	179	14	57	63	0
CONTIG-046414	390	11	47	63	7
CONTIG-046415	390	22	73	330	2
CONTIG-046416	169	9	2	50	0
CONTIG-046417	334	15	14	182	2
CONTIG-046419	147	6	0	14	0
CONTIG-046420	144	8	0	46	0
CONTIG-046421	197	14	6	93	0
CONTIG-046422	58	9	0	11	0
CONTIG-046423	88	5	6	8	0
CONTIG-046424	115	10	13	29	2
CONTIG-046425	58	2	0	2	0
CONTIG-046426	179	8	4	26	5

CONTIG-046427	87	6	25	21	0
CONTIG-046428	328	45	29	60	0
CONTIG-046429	1026	18	8	21	2
CONTIG-046430	90	4	11	0	0
CONTIG-046431	273	12	11	88	0
CONTIG-046432	71	21	15	22	0
CONTIG-046434	352	11	4	117	0
CONTIG-046435	473	7	26	93	0
CONTIG-046436	140	5	4	8	0
CONTIG-046437	129	4	7	8	2
CONTIG-046438	221	59	5	407	0
CONTIG-046439	77	10	45	0	0
CONTIG-046441	203	7	2	59	0
CONTIG-046442	75	11	7	4	0
CONTIG-046443	77	5	4	11	0
CONTIG-046449	279	6	10	38	0
CONTIG-046450	162	14	12	87	0
CONTIG-046451	71	11	4	25	0
CONTIG-046452	346	8	9	102	0
CONTIG-046453	98	9	3	12	0
CONTIG-046454	98	9	42	2	0
CONTIG-046455	333	18	0	5	0
CONTIG-046456	175	9	40	31	0
CONTIG-046457	117	6	10	14	0
CONTIG-046458	116	11	5	56	0
CONTIG-046460	191	13	6	49	0
CONTIG-046462	87	24	54	34	0
CONTIG-046466	462	17	35	220	4
CONTIG-046467	432	13	25	224	2
CONTIG-046471	199	14	20	13	0
CONTIG-046472	67	4	2	5	0
CONTIG-046473	228	41	80	300	0
CONTIG-046474	160	13	11	70	0
CONTIG-046475	597	24	56	571	0
CONTIG-046476	97	12	6	56	0
CONTIG-046481	130	11	8	24	0
CONTIG-046482	149	8	9	54	0
CONTIG-046483	39	42	112	6	0
CONTIG-046485	84	10	26	13	0
CONTIG-046486	1111	12	37	560	4
CONTIG-046494	124	15	2	48	2
CONTIG-046495	156	5	10	28	0
CONTIG-046496	140	9	24	5	0
CONTIG-046497	80	3	10	2	0
CONTIG-046498	229	8	7	28	0
CONTIG-046499	160	12	68	15	0
CONTIG-046500	77	11	4	19	0

CONTIG-046503	141	8	2	30	2
CONTIG-046504	106	5	9	17	0
CONTIG-046505	130	7	6	10	2
CONTIG-046506	84	7	6	13	0
CONTIG-046507	591	41	37	746	55
CONTIG-046508	164	8	14	8	0
CONTIG-046509	226	7	34	25	0
CONTIG-046511	60	8	4	6	0
CONTIG-046514	146	7	2	4	0
CONTIG-046515	245	16	14	18	0
CONTIG-046518	194	6	5	40	0
CONTIG-046520	84	7	5	9	4
CONTIG-046521	64	20	9	13	0
CONTIG-046522	189	4	8	23	0
CONTIG-046523	278	9	19	76	0
CONTIG-046524	89	12	37	17	0
CONTIG-046525	97	2	0	3	0
CONTIG-046526	89	7	22	7	0
CONTIG-046527	171	6	13	31	0
CONTIG-046528	61	7	4	7	0
CONTIG-046529	293	9	34	85	0
CONTIG-046530	138	7	12	17	0
CONTIG-046531	192	7	2	36	0
CONTIG-046532	89	17	29	26	3
CONTIG-046533	155	22	25	64	2
CONTIG-046534	145	5	9	10	2
CONTIG-046535	144	6	24	12	0
CONTIG-046536	173	17	121	28	0
CONTIG-046537	104	7	13	22	0
CONTIG-046538	118	8	15	19	0
CONTIG-046539	90	3	3	3	0
CONTIG-046540	472	33	23	930	0
CONTIG-046542	278	24	71	128	0
CONTIG-046543	145	7	4	21	0
CONTIG-046545	75	13	49	0	0
CONTIG-046546	119	9	40	14	0
CONTIG-046547	104	10	2	23	4
CONTIG-046548	269	7	2	28	2
CONTIG-046549	882	21	28	771	10
CONTIG-046550	96	3	0	8	0
CONTIG-046551	1009	10	26	196	2
CONTIG-046552	456	11	23	222	0
CONTIG-046553	183	6	12	9	0
CONTIG-046554	93	4	17	5	0
CONTIG-046555	82	4	9	8	0
CONTIG-046556	145	9	7	45	0
CONTIG-046557	82	5	2	6	0

CONTIG-046559	79	5	5	4	0
CONTIG-046561	79	5	0	13	0
CONTIG-046565	199	16	20	135	0
CONTIG-046566	156	10	6	52	0
CONTIG-046567	295	12	54	78	0
CONTIG-046568	374	7	9	74	2
CONTIG-046569	231	11	7	119	0
CONTIG-046570	206	10	17	78	0
CONTIG-046571	220	12	11	83	0
CONTIG-046572	60	2	5	0	0
CONTIG-046573	81	7	5	15	0
CONTIG-046574	96	3	5	5	0
CONTIG-046575	134	11	11	45	0
CONTIG-046576	193	10	75	21	0
CONTIG-046577	201	7	3	50	0
CONTIG-046579	478	26	62	710	0
CONTIG-046580	147	8	5	45	0
CONTIG-046581	75	5	4	6	0
CONTIG-046583	279	10	19	36	0
CONTIG-046584	107	7	8	15	0
CONTIG-046585	127	10	43	40	0
CONTIG-046586	69	6	2	16	0
CONTIG-046587	154	4	8	17	0
CONTIG-046588	368	22	0	0	53
CONTIG-046589	98	15	6	54	2
CONTIG-046590	379	21	17	317	0
CONTIG-046591	136	6	5	21	0
CONTIG-046593	312	13	19	167	0
CONTIG-046594	631	14	67	174	2
CONTIG-046595	58	4	7	6	0
CONTIG-046596	37	130	24	267	0
CONTIG-046598	361	7	2	91	0
CONTIG-046599	456	15	61	195	0
CONTIG-046600	65	2	0	2	0
CONTIG-046601	126	6	5	21	0
CONTIG-046608	222	11	0	65	2
CONTIG-046609	103	27	2	91	0
CONTIG-046610	70	375	42	219	0
CONTIG-046611	123	7	8	18	0
CONTIG-046612	80	8	16	12	0
CONTIG-046613	212	8	3	2	0
CONTIG-046614	843	20	43	707	8
CONTIG-046615	76	11	40	4	0
CONTIG-046616	84	3	0	2	0
CONTIG-046617	92	3	5	6	0
CONTIG-046618	314	16	7	247	0
CONTIG-046620	107	6	5	12	2

CONTIG-046621	172	11	2	62	0
CONTIG-046622	415	18	47	213	0
CONTIG-046623	55	174	50	248	0
CONTIG-046624	229	64	53	568	9
CONTIG-046625	329	7	7	59	0
CONTIG-046626	71	8	20	13	0
CONTIG-046627	98	8	13	16	0
CONTIG-046628	141	12	17	21	0
CONTIG-046629	391	20	54	153	0
CONTIG-046630	60	2	3	2	0
CONTIG-046631	120	7	4	6	0
CONTIG-046634	129	9	9	37	0
CONTIG-046635	113	7	17	33	0
CONTIG-046637	72	5	5	13	0
CONTIG-046638	100	11	7	40	0
CONTIG-046640	194	13	3	82	2
CONTIG-046641	42	185	23	165	0
CONTIG-046642	79	8	21	6	0
CONTIG-046643	153	9	2	17	2
CONTIG-046644	282	7	2	64	0
CONTIG-046645	204	6	2	0	0
CONTIG-046646	86	7	26	10	0
CONTIG-046647	62	6	5	12	0
CONTIG-046650	68	14	2	21	0
CONTIG-046651	107	8	13	23	0
CONTIG-046652	87	4	2	7	0
CONTIG-046653	58	82	6	99	2
CONTIG-046654	609	14	28	168	15
CONTIG-046655	71	13	16	38	0
CONTIG-046656	100	64	12	158	2
CONTIG-046658	164	11	5	37	0
CONTIG-046659	179	9	0	47	0
CONTIG-046660	61	8	27	8	0
CONTIG-046661	151	5	7	21	0
CONTIG-046662	194	7	22	41	0
CONTIG-046663	169	6	8	27	0
CONTIG-046664	76	6	6	3	0
CONTIG-046665	468	11	44	155	0
CONTIG-046666	98	11	5	37	0
CONTIG-046667	95	4	0	6	0
CONTIG-046671	297	13	78	105	0
CONTIG-046672	103	9	6	32	0
CONTIG-046673	37	782	20	230	0
CONTIG-046674	71	6	13	7	0
CONTIG-046675	267	7	13	49	0
CONTIG-046676	133	22	35	63	0
CONTIG-046678	70	6	11	0	2

CONTIG-046679	47	36	9	46	0
CONTIG-046681	131	6	13	30	0
CONTIG-046682	464	9	0	0	13
CONTIG-046683	130	10	12	52	0
CONTIG-046684	80	10	0	33	0
CONTIG-046685	65	16	2	46	0
CONTIG-046686	178	24	32	153	0
CONTIG-046687	63	5	0	15	0
CONTIG-046688	148	8	8	17	0
CONTIG-046689	68	8	12	0	0
CONTIG-046690	107	9	8	22	0
CONTIG-046691	147	8	11	41	0
CONTIG-046692	83	9	3	0	0
CONTIG-046693	113	5	5	12	0
CONTIG-046694	191	18	7	4	0
CONTIG-046695	197	24	15	190	2
CONTIG-046696	84	3	0	4	2
CONTIG-046697	507	8	14	48	2
CONTIG-046698	95	5	5	15	0
CONTIG-046699	272	13	4	89	3
CONTIG-046700	117	5	6	18	0
CONTIG-046701	106	11	13	11	0
CONTIG-046703	105	8	34	13	0
CONTIG-046704	111	8	8	11	0
CONTIG-046705	142	17	24	79	0
CONTIG-046706	78	21	43	31	0
CONTIG-046707	84	39	18	4	0
CONTIG-046708	139	8	2	28	0
CONTIG-046709	72	11	10	22	0
CONTIG-046712	307	18	12	125	0
CONTIG-046713	368	35	144	354	10
CONTIG-046714	107	9	8	19	0
CONTIG-046715	90	19	9	87	0
CONTIG-046716	222	6	8	29	0
CONTIG-046717	244	12	27	16	0
CONTIG-046718	59	3	4	0	0
CONTIG-046719	170	6	3	39	0
CONTIG-046720	63	9	10	0	0
CONTIG-046721	147	8	10	21	0
CONTIG-046722	232	6	8	42	0
CONTIG-046723	546	34	34	883	16
CONTIG-046724	441	12	33	179	7
CONTIG-046725	98	66	55	164	2
CONTIG-046726	88	3	3	0	0
CONTIG-046727	503	8	60	82	0
CONTIG-046728	179	10	46	66	0
CONTIG-046729	165	12	11	56	0

CONTIG-046730	174	7	2	24	0
CONTIG-046731	121	16	27	49	0
CONTIG-046732	192	13	3	82	0
CONTIG-046733	106	6	6	16	0
CONTIG-046734	278	18	12	195	0
CONTIG-046735	801	11	42	296	4
CONTIG-046736	213	15	22	93	0
CONTIG-046737	199	57	85	207	11
CONTIG-046738	132	31	21	120	0
CONTIG-046739	350	24	32	335	4
CONTIG-046740	204	4	0	6	0
CONTIG-046741	158	10	29	48	0
CONTIG-046742	92	6	2	14	0
CONTIG-046743	85	7	0	0	2
CONTIG-046744	405	13	55	265	0
CONTIG-046745	101	7	9	17	3
CONTIG-046746	258	9	22	78	0
CONTIG-046747	365	9	12	116	0
CONTIG-046748	163	8	4	41	2
CONTIG-046749	837	39	4	17	0
CONTIG-046750	138	9	5	58	0
CONTIG-046751	108	2	2	0	0
CONTIG-046752	135	8	19	18	0
CONTIG-046753	59	6	4	11	0
CONTIG-046757	172	8	2	54	0
CONTIG-046758	59	4	0	2	0
CONTIG-046761	422	30	41	214	7
CONTIG-046762	115	19	2	89	0
CONTIG-046763	413	11	83	102	2
CONTIG-046764	74	318	52	371	71
CONTIG-046765	80	11	4	24	0
CONTIG-046766	114	10	18	19	4
CONTIG-046767	114	12	6	58	0
CONTIG-046768	270	9	4	91	0
CONTIG-046769	120	8	12	39	0
CONTIG-046770	66	77	8	35	0
CONTIG-046771	107	5	0	0	0
CONTIG-046773	67	5	2	5	0
CONTIG-046774	73	7	13	4	0
CONTIG-046775	158	8	22	21	0
CONTIG-046776	148	24	66	137	0
CONTIG-046777	343	11	6	125	2
CONTIG-046779	97	6	10	20	0
CONTIG-046787	185	6	2	5	0
CONTIG-046788	161	7	11	23	0
CONTIG-046792	166	123	11	0	155
CONTIG-046793	84	14	6	31	0

CONTIG-046794	143	7	2	4	0
CONTIG-046795	190	13	75	16	0
CONTIG-046796	90	9	8	15	0
CONTIG-046806	109	2	4	0	0
CONTIG-046807	139	5	4	14	0
CONTIG-046808	106	8	8	3	0
CONTIG-046810	94	9	7	13	0
CONTIG-046811	88	6	6	7	0
CONTIG-046816	799	73	26	2438	90
CONTIG-046826	342	18	23	189	0
CONTIG-046827	78	3	3	4	0
CONTIG-046828	90	3	11	8	0
CONTIG-046829	61	6	4	11	0
CONTIG-046830	355	20	55	201	2
CONTIG-046831	161	9	24	29	0
CONTIG-046832	59	5	2	11	0
CONTIG-046834	123	13	20	24	0
CONTIG-046835	241	6	18	7	0
CONTIG-046836	495	11	65	67	5
CONTIG-046837	111	16	20	67	0
CONTIG-046839	292	15	18	115	0
CONTIG-046840	98	7	0	19	0
CONTIG-046841	70	2	0	2	0
CONTIG-046842	89	6	0	18	0
CONTIG-046847	44	99	32	53	0
CONTIG-046848	468	24	39	346	10
CONTIG-046849	397	8	35	79	2
CONTIG-046850	89	18	48	40	0
CONTIG-046851	73	6	15	2	0
CONTIG-046852	90	3	2	0	0
CONTIG-046853	137	224	461	707	4
CONTIG-046855	324	10	2	97	0
CONTIG-046856	88	18	5	58	0
CONTIG-046857	511	27	124	362	12
CONTIG-046858	77	5	9	2	0
CONTIG-046859	127	5	2	23	4
CONTIG-046860	82	27	12	104	0
CONTIG-046861	40	267	0	482	0
CONTIG-046862	332	15	57	103	0
CONTIG-046863	306	19	15	136	2
CONTIG-046864	151	8	0	44	0
CONTIG-046865	91	55	178	8	0
CONTIG-046866	87	5	0	13	0
CONTIG-046867	196	3	6	8	0
CONTIG-046868	123	10	87	4	0
CONTIG-046869	396	17	51	251	2
CONTIG-046870	137	5	2	15	0

CONTIG-046871	122	6	15	6	0
CONTIG-046872	155	13	18	46	0
CONTIG-046873	120	5	5	16	2
CONTIG-046874	166	5	4	20	0
CONTIG-046875	87	10	10	24	2
CONTIG-046876	75	5	10	0	0
CONTIG-046879	239	27	32	237	0
CONTIG-046880	86	6	7	16	2
CONTIG-046882	103	17	5	59	0
CONTIG-046883	276	5	18	25	0
CONTIG-046884	58	69	18	160	5
CONTIG-046885	161	241	47	1749	252
CONTIG-046886	324	9	8	65	2
CONTIG-046887	142	5	6	7	0
CONTIG-046888	135	29	43	86	0
CONTIG-046889	1687	28	6	5	0
CONTIG-046890	110	8	39	5	0
CONTIG-046892	199	6	15	24	2
CONTIG-046893	147	9	3	8	2
CONTIG-046894	73	7	2	9	4
CONTIG-046896	146	13	8	69	0
CONTIG-046897	126	4	3	13	0
CONTIG-046898	85	4	0	4	0
CONTIG-046899	203	12	19	65	2
CONTIG-046900	109	8	11	17	0
CONTIG-046901	379	12	62	134	0
CONTIG-046908	161	4	0	24	0
CONTIG-046909	647	8	8	147	9
CONTIG-046910	236	9	2	45	0
CONTIG-046911	63	8	2	15	2
CONTIG-046912	102	8	15	14	0
CONTIG-046913	103	16	12	52	2
CONTIG-046914	85	24	16	78	0
CONTIG-046915	129	18	2	0	10
CONTIG-046916	207	4	10	11	0
CONTIG-046917	190	13	4	46	4
CONTIG-046918	66	7	9	5	0
CONTIG-046922	129	11	23	11	0
CONTIG-046924	469	12	29	154	0
CONTIG-046925	174	7	14	44	0
CONTIG-046926	135	5	6	19	0
CONTIG-046927	65	4	0	5	0
CONTIG-046928	337	12	23	99	0
CONTIG-046929	123	6	6	18	0
CONTIG-046930	223	9	20	15	0
CONTIG-046931	367	14	25	140	6
CONTIG-046932	132	8	8	12	0

CONTIG-046933	107	10	30	13	0
CONTIG-046934	111	7	0	19	0
CONTIG-046935	164	10	50	9	0
CONTIG-046936	552	14	14	187	11
CONTIG-046937	86	5	0	17	0
CONTIG-046938	200	12	54	66	0
CONTIG-046939	88	7	14	12	0
CONTIG-046943	225	6	3	39	0
CONTIG-046944	69	38	6	85	0
CONTIG-046945	70	13	10	11	0
CONTIG-046946	79	5	3	17	0
CONTIG-046947	287	7	26	33	0
CONTIG-046948	400	10	28	115	0
CONTIG-046949	318	9	40	81	0
CONTIG-046950	554	7	12	118	4
CONTIG-046951	141	10	20	24	0
CONTIG-046952	168	11	9	50	2
CONTIG-046953	81	83	29	244	20
CONTIG-046954	167	8	6	48	0
CONTIG-046955	225	5	3	20	0
CONTIG-046956	125	8	9	23	0
CONTIG-046957	58	2	0	0	0
CONTIG-046958	169	22	156	103	0
CONTIG-046959	136	4	2	15	0
CONTIG-046960	164	6	2	12	0
CONTIG-046961	268	14	49	80	0
CONTIG-046963	61	7	13	2	0
CONTIG-046964	280	13	7	0	30
CONTIG-046966	247	8	17	24	0
CONTIG-046967	83	7	4	16	0
CONTIG-046968	246	12	34	117	0
CONTIG-046969	157	8	11	27	2
CONTIG-046970	63	2	0	2	0
CONTIG-046971	78	218	87	710	2
CONTIG-046972	313	18	6	186	0
CONTIG-046973	64	3	2	0	0
CONTIG-046974	97	11	47	7	0
CONTIG-046975	74	5	4	8	0
CONTIG-046976	207	64	391	344	0
CONTIG-046977	461	9	11	112	0
CONTIG-046978	84	3	0	5	0
CONTIG-046979	118	12	70	22	0
CONTIG-046981	56	97	13	82	6
CONTIG-046982	130	11	3	43	0
CONTIG-046983	86	6	15	11	0
CONTIG-046984	246	26	43	212	0
CONTIG-046985	163	16	10	111	0

CONTIG-046988	59	4	2	2	0
CONTIG-046989	166	10	92	2	0
CONTIG-046990	205	6	17	22	0
CONTIG-046991	450	66	83	1676	0
CONTIG-046992	505	5	28	40	0
CONTIG-046993	70	10	4	21	0
CONTIG-046994	127	12	8	46	0
CONTIG-046995	177	8	6	25	0
CONTIG-046996	85	6	14	14	0
CONTIG-046997	78	5	4	8	0
CONTIG-046999	115	18	10	76	0
CONTIG-047000	212	12	53	90	0
CONTIG-047001	85	7	12	0	0
CONTIG-047002	99	12	34	24	0
CONTIG-047004	81	15	28	33	0
CONTIG-047005	165	5	3	32	0
CONTIG-047007	142	9	23	36	0
CONTIG-047008	68	4	0	9	0
CONTIG-047013	59	3	2	4	0
CONTIG-047017	97	7	4	23	0
CONTIG-047019	152	11	20	36	0
CONTIG-047022	125	10	44	24	0
CONTIG-047023	202	95	48	735	41
CONTIG-047025	89	6	22	14	0
CONTIG-047026	252	9	17	95	0
CONTIG-047027	63	16	20	24	2
CONTIG-047029	424	13	34	130	0
CONTIG-047033	39	63	7	76	0
CONTIG-047034	577	36	10	11	254
CONTIG-047035	93	6	12	6	0
CONTIG-047036	125	6	2	0	6
CONTIG-047038	116	8	3	33	0
CONTIG-047039	171	7	8	34	0
CONTIG-047040	105	3	8	4	0
CONTIG-047041	81	3	3	4	0
CONTIG-047042	71	3	0	0	0
CONTIG-047043	326	7	10	68	0
CONTIG-047044	303	11	2	0	9
CONTIG-047045	185	7	6	19	0
CONTIG-047046	74	9	2	24	0
CONTIG-047047	66	10	12	17	0
CONTIG-047052	111	9	11	29	2
CONTIG-047054	60	4	2	4	0
CONTIG-047055	89	9	4	17	0
CONTIG-047056	59	9	5	24	0
CONTIG-047057	348	33	39	502	2
CONTIG-047058	68	3	6	0	0

CONTIG-047059	92	10	7	12	0
CONTIG-047060	91	8	8	19	0
CONTIG-047061	98	5	2	5	0
CONTIG-047062	85	5	6	9	0
CONTIG-047063	132	6	0	28	0
CONTIG-047064	506	13	11	273	0
CONTIG-047065	122	7	4	20	0
CONTIG-047066	123	7	37	6	0
CONTIG-047067	87	6	0	15	0
CONTIG-047068	332	7	8	113	0
CONTIG-047069	76	4	2	12	0
CONTIG-047070	95	23	15	24	0
CONTIG-047071	61	7	23	2	0
CONTIG-047072	71	19	18	42	3
CONTIG-047073	143	10	22	38	0
CONTIG-047074	349	37	24	650	4
CONTIG-047075	302	9	8	105	0
CONTIG-047080	108	7	4	21	0
CONTIG-047081	74	9	4	2	0
CONTIG-047082	102	8	8	15	4
CONTIG-047083	232	14	33	28	0
CONTIG-047084	1033	71	5	2	72
CONTIG-047085	122	6	7	19	0
CONTIG-047086	172	15	47	71	0
CONTIG-047087	265	8	5	94	0
CONTIG-047088	299	13	76	102	0
CONTIG-047089	220	9	4	86	0
CONTIG-047090	112	5	0	2	0
CONTIG-047091	254	56	39	427	9
CONTIG-047092	124	5	4	19	0
CONTIG-047093	424	15	45	145	6
CONTIG-047094	73	4	5	3	0
CONTIG-047095	995	11	87	280	0
CONTIG-047096	79	8	7	32	0
CONTIG-047097	136	12	5	36	0
CONTIG-047098	105	7	6	18	0
CONTIG-047099	223	8	13	59	0
CONTIG-047100	149	5	0	20	0
CONTIG-047101	548	8	46	162	0
CONTIG-047102	151	19	16	133	0
CONTIG-047105	68	5	4	12	0
CONTIG-047106	68	6	5	7	0
CONTIG-047107	65	8	5	20	0
CONTIG-047108	514	10	12	109	0
CONTIG-047109	192	5	7	29	0
CONTIG-047110	167	151	88	1420	0
CONTIG-047111	159	8	2	54	0

CONTIG-047112	141	6	13	8	2
CONTIG-047113	44	408	127	206	2
CONTIG-047114	119	5	2	7	0
CONTIG-047115	101	6	28	0	0
CONTIG-047116	148	9	9	53	0
CONTIG-047117	245	10	23	48	0
CONTIG-047118	203	13	56	30	0
CONTIG-047119	304	14	19	108	0
CONTIG-047120	255	12	82	70	2
CONTIG-047121	82	9	4	30	5
CONTIG-047122	88	8	24	12	0
CONTIG-047123	118	7	4	18	0
CONTIG-047124	77	7	4	10	0
CONTIG-047125	71	5	3	7	0
CONTIG-047126	76	11	12	7	0
CONTIG-047127	137	9	23	47	0
CONTIG-047128	119	8	2	15	0
CONTIG-047130	217	10	7	75	0
CONTIG-047131	80	5	6	14	0
CONTIG-047132	59	4	0	0	0
CONTIG-047133	80	8	4	0	0
CONTIG-047134	97	3	13	5	0
CONTIG-047136	143	15	10	93	0
CONTIG-047137	59	4	10	0	0
CONTIG-047138	127	4	0	14	0
CONTIG-047139	261	15	14	115	4
CONTIG-047140	125	10	18	21	0
CONTIG-047141	74	5	4	0	0
CONTIG-047142	210	7	20	40	0
CONTIG-047143	532	26	4	0	0
CONTIG-047144	111	5	17	8	0
CONTIG-047145	205	9	29	52	0
CONTIG-047146	272	16	19	169	0
CONTIG-047147	289	7	2	0	8
CONTIG-047148	270	13	23	47	2
CONTIG-047157	82	6	0	7	0
CONTIG-047158	114	6	12	30	0
CONTIG-047159	219	11	13	76	0
CONTIG-047160	423	16	71	143	7
CONTIG-047161	523	16	17	462	0
CONTIG-047162	217	6	10	45	0
CONTIG-047163	357	19	12	135	2
CONTIG-047164	181	8	9	29	0
CONTIG-047165	201	10	0	81	0
CONTIG-047166	169	8	6	42	0
CONTIG-047169	90	4	2	7	0
CONTIG-047170	79	4	5	11	0

CONTIG-047171	68	6	3	13	0
CONTIG-047172	168	7	2	30	0
CONTIG-047173	223	19	26	155	0
CONTIG-047174	169	8	20	36	0
CONTIG-047177	104	8	6	33	0
CONTIG-047178	230	24	26	124	4
CONTIG-047179	37	46	15	2	0
CONTIG-047180	230	8	21	36	0
CONTIG-047181	162	7	22	26	0
CONTIG-047182	138	7	0	37	2
CONTIG-047183	370	33	4	0	92
CONTIG-047184	169	6	7	26	0
CONTIG-047185	218	11	12	61	0
CONTIG-047186	167	7	2	19	0
CONTIG-047187	236	5	21	15	0
CONTIG-047188	66	3	2	4	0
CONTIG-047189	96	13	3	67	0
CONTIG-047190	158	5	4	20	2
CONTIG-047191	81	12	4	40	0
CONTIG-047192	212	4	5	20	0
CONTIG-047193	226	12	28	60	0
CONTIG-047194	320	8	17	75	0
CONTIG-047195	932	21	55	681	0
CONTIG-047196	329	18	87	153	4
CONTIG-047197	136	6	0	24	0
CONTIG-047198	204	8	15	41	0
CONTIG-047199	74	12	23	0	0
CONTIG-047200	144	5	10	4	0
CONTIG-047201	64	3	0	6	0
CONTIG-047202	114	18	46	10	2
CONTIG-047204	228	12	30	77	0
CONTIG-047205	349	10	32	67	0
CONTIG-047206	74	5	0	8	0
CONTIG-047207	75	12	4	22	0
CONTIG-047208	93	6	9	14	0
CONTIG-047209	165	8	2	53	0
CONTIG-047210	63	18	4	15	0
CONTIG-047211	457	11	15	50	0
CONTIG-047212	60	5	8	0	0
CONTIG-047213	127	7	2	2	0
CONTIG-047219	104	8	2	26	0
CONTIG-047220	134	13	0	83	0
CONTIG-047221	90	15	6	25	0
CONTIG-047222	193	5	2	29	0
CONTIG-047223	201	7	19	28	0
CONTIG-047225	106	7	2	16	0
CONTIG-047226	65	6	6	16	0

CONTIG-047233	231	13	9	67	8
CONTIG-047234	159	26	22	110	0
CONTIG-047235	263	9	57	55	0
CONTIG-047236	282	9	28	47	0
CONTIG-047237	138	10	3	49	0
CONTIG-047238	165	4	4	14	0
CONTIG-047239	363	21	87	231	0
CONTIG-047240	388	8	19	78	0
CONTIG-047241	331	10	11	110	0
CONTIG-047242	203	8	26	48	0
CONTIG-047243	325	14	51	101	6
CONTIG-047244	157	26	33	97	6
CONTIG-047245	138	28	10	3	0
CONTIG-047246	220	7	18	58	0
CONTIG-047247	67	4	14	4	0
CONTIG-047248	59	14	7	11	0
CONTIG-047249	86	9	10	27	0
CONTIG-047250	134	11	11	53	0
CONTIG-047251	68	8	3	0	0
CONTIG-047252	179	7	5	27	0
CONTIG-047253	250	7	0	55	0
CONTIG-047254	227	5	8	24	0
CONTIG-047255	166	5	11	22	0
CONTIG-047256	127	5	3	11	0
CONTIG-047257	152	10	18	15	2
CONTIG-047258	293	13	45	126	0
CONTIG-047259	163	6	6	27	0
CONTIG-047260	77	2	0	0	0
CONTIG-047261	128	344	40	0	740
CONTIG-047262	498	28	40	503	34
CONTIG-047263	61	5	5	2	0
CONTIG-047264	140	6	4	24	0
CONTIG-047265	75	19	0	43	0
CONTIG-047266	252	4	0	23	0
CONTIG-047267	191	12	40	59	0
CONTIG-047268	422	10	51	145	0
CONTIG-047269	176	10	3	48	0
CONTIG-047270	105	6	2	13	0
CONTIG-047271	565	9	46	136	2
CONTIG-047272	517	41	81	406	42
CONTIG-047273	63	9	0	12	0
CONTIG-047274	97	14	20	42	0
CONTIG-047275	73	4	0	8	0
CONTIG-047276	181	6	5	33	0
CONTIG-047277	87	10	15	23	3
CONTIG-047278	60	4	4	2	0
CONTIG-047279	60	2	4	2	0

CONTIG-047280	81	16	6	35	0
CONTIG-047282	126	13	19	17	0
CONTIG-047283	111	5	7	4	0
CONTIG-047284	231	20	27	86	0
CONTIG-047285	302	19	14	165	5
CONTIG-047286	198	8	29	53	0
CONTIG-047287	152	6	12	19	0
CONTIG-047288	214	8	4	0	0
CONTIG-047289	210	12	20	61	0
CONTIG-047290	159	5	4	4	0
CONTIG-047291	94	11	13	34	0
CONTIG-047292	100	6	5	8	0
CONTIG-047293	142	9	0	47	0
CONTIG-047294	96	14	26	32	0
CONTIG-047295	66	21	4	24	0
CONTIG-047297	47	27	4	15	0
CONTIG-047298	104	5	2	15	0
CONTIG-047299	186	3	10	4	0
CONTIG-047300	197	10	56	40	2
CONTIG-047301	112	7	6	15	0
CONTIG-047302	292	8	19	68	0
CONTIG-047303	183	11	22	61	0
CONTIG-047304	67	10	2	0	0
CONTIG-047305	100	7	2	29	0
CONTIG-047306	117	9	9	34	0
CONTIG-047307	65	17	0	29	0
CONTIG-047308	754	10	10	261	3
CONTIG-047309	151	14	26	25	2
CONTIG-047310	331	8	6	52	2
CONTIG-047312	170	13	16	81	0
CONTIG-047313	64	5	5	10	0
CONTIG-047314	322	15	0	102	9
CONTIG-047315	107	9	12	25	0
CONTIG-047316	88	4	0	16	0
CONTIG-047317	385	13	14	109	0
CONTIG-047318	69	8	3	13	0
CONTIG-047319	697	9	21	220	2
CONTIG-047320	128	141	32	770	0
CONTIG-047321	96	4	6	4	0
CONTIG-047322	211	15	8	141	2
CONTIG-047323	92	4	7	7	0
CONTIG-047324	133	4	4	16	0
CONTIG-047325	157	14	48	13	2
CONTIG-047326	226	6	34	47	0
CONTIG-047327	117	11	11	34	0
CONTIG-047328	191	8	23	60	0
CONTIG-047329	119	9	5	6	0

CONTIG-047330	527	7	17	107	0
CONTIG-047332	64	5	5	9	0
CONTIG-047333	64	5	14	4	0
CONTIG-047335	131	9	21	3	0
CONTIG-047336	96	42	30	185	0
CONTIG-047337	280	14	56	114	4
CONTIG-047339	86	7	9	10	0
CONTIG-047340	260	8	15	50	0
CONTIG-047341	69	6	6	5	0
CONTIG-047342	139	7	0	45	0
CONTIG-047343	65	7	10	2	0
CONTIG-047344	56	126	38	200	6
CONTIG-047349	91	67	36	366	0
CONTIG-047350	119	23	8	71	0
CONTIG-047351	455	8	21	105	4
CONTIG-047353	85	5	3	0	0
CONTIG-047354	230	6	2	35	0
CONTIG-047355	807	55	15	2903	0
CONTIG-047357	172	17	12	39	0
CONTIG-047359	60	6	2	19	0
CONTIG-047360	331	15	49	62	5
CONTIG-047361	125	12	10	43	0
CONTIG-047362	127	5	11	24	0
CONTIG-047363	90	10	5	32	0
CONTIG-047364	72	6	24	4	0
CONTIG-047365	158	16	17	65	0
CONTIG-047366	60	4	14	0	0
CONTIG-047367	150	10	3	41	0
CONTIG-047368	69	33	18	70	0
CONTIG-047370	111	7	7	28	0
CONTIG-047371	65	10	36	4	0
CONTIG-047372	85	2	0	3	0
CONTIG-047373	62	2	4	2	0
CONTIG-047374	214	27	41	170	8
CONTIG-047375	96	158	9	0	0
CONTIG-047376	112	4	14	4	0
CONTIG-047377	222	13	16	92	6
CONTIG-047378	229	9	21	57	0
CONTIG-047379	96	19	2	76	0
CONTIG-047380	65	3	5	2	0
CONTIG-047381	89	5	8	4	0
CONTIG-047383	96	20	107	0	0
CONTIG-047384	78	12	5	0	2
CONTIG-047385	375	43	51	784	6
CONTIG-047387	332	27	103	303	0
CONTIG-047391	102	18	49	58	0
CONTIG-047392	78	7	2	13	0

CONTIG-047393	60	3	2	2	0
CONTIG-047394	144	11	19	63	0
CONTIG-047395	356	19	30	227	0
CONTIG-047396	131	9	21	24	0
CONTIG-047397	170	12	12	61	0
CONTIG-047398	137	4	11	12	0
CONTIG-047399	68	7	13	0	0
CONTIG-047400	141	11	3	67	0
CONTIG-047401	106	4	0	9	0
CONTIG-047402	63	9	11	13	0
CONTIG-047403	223	11	5	46	2
CONTIG-047404	67	10	0	27	0
CONTIG-047414	162	4	2	10	0
CONTIG-047415	935	8	25	350	0
CONTIG-047416	95	8	3	29	0
CONTIG-047417	84	4	2	13	0
CONTIG-047419	554	14	31	379	0
CONTIG-047420	132	6	0	24	0
CONTIG-047421	280	11	4	100	0
CONTIG-047422	179	15	36	99	0
CONTIG-047423	198	14	25	83	3
CONTIG-047424	102	24	18	2	0
CONTIG-047425	198	9	7	69	0
CONTIG-047426	82	5	2	2	0
CONTIG-047427	60	11	9	18	0
CONTIG-047428	190	8	25	57	0
CONTIG-047429	95	8	8	12	0
CONTIG-047430	310	7	11	37	0
CONTIG-047432	62	3	0	5	0
CONTIG-047433	369	12	51	98	4
CONTIG-047434	148	5	0	13	0
CONTIG-047435	231	7	10	32	0
CONTIG-047436	179	16	10	62	2
CONTIG-047437	80	6	15	0	0
CONTIG-047438	129	7	10	13	0
CONTIG-047439	311	8	3	49	4
CONTIG-047440	183	19	3	119	2
CONTIG-047441	110	11	3	59	2
CONTIG-047442	94	7	22	3	0
CONTIG-047443	81	11	11	8	0
CONTIG-047444	60	4	4	0	0
CONTIG-047445	55	11	0	16	0
CONTIG-047446	84	22	30	43	2
CONTIG-047447	158	5	3	12	0
CONTIG-047448	205	8	20	42	0
CONTIG-047449	164	9	22	38	0
CONTIG-047450	257	52	111	624	2

CONTIG-047451	167	7	5	29	0
CONTIG-047452	64	3	8	0	0
CONTIG-047453	80	8	4	19	0
CONTIG-047454	124	10	34	43	0
CONTIG-047455	170	18	40	92	0
CONTIG-047456	39	31	3	21	0
CONTIG-047457	205	4	7	18	0
CONTIG-047458	62	8	12	7	0
CONTIG-047459	283	11	6	111	0
CONTIG-047461	196	10	20	38	0
CONTIG-047462	170	5	0	23	0
CONTIG-047463	202	14	2	90	6
CONTIG-047465	77	15	2	47	0
CONTIG-047466	505	9	10	169	0
CONTIG-047467	106	5	14	5	0
CONTIG-047468	153	15	17	54	0
CONTIG-047469	173	10	14	35	0
CONTIG-047470	171	6	4	30	0
CONTIG-047471	77	5	0	14	0
CONTIG-047472	118	4	12	17	0
CONTIG-047474	62	5	9	0	0
CONTIG-047475	73	3	0	0	0
CONTIG-047477	58	8	12	11	0
CONTIG-047478	191	6	16	13	0
CONTIG-047479	301	13	9	98	0
CONTIG-047480	73	4	2	15	0
CONTIG-047481	277	9	11	81	0
CONTIG-047482	144	5	0	32	0
CONTIG-047483	149	8	3	45	0
CONTIG-047484	47	515	13	783	5
CONTIG-047485	218	9	17	37	0
CONTIG-047487	286	6	14	26	0
CONTIG-047488	124	9	12	22	0
CONTIG-047489	156	58	17	528	0
CONTIG-047490	220	5	8	27	0
CONTIG-047491	98	5	19	0	0
CONTIG-047492	212	21	53	140	0
CONTIG-047493	46	11	2	20	0
CONTIG-047494	181	13	0	91	2
CONTIG-047495	91	25	19	99	0
CONTIG-047496	82	4	6	10	0
CONTIG-047497	83	5	12	5	0
CONTIG-047498	488	24	2	0	51
CONTIG-047499	85	6	10	4	0
CONTIG-047500	282	8	2	35	2
CONTIG-047501	1032	16	21	676	2
CONTIG-047502	192	42	2	0	45

CONTIG-047503	112	8	12	9	0
CONTIG-047504	170	7	8	30	0
CONTIG-047505	61	13	2	26	0
CONTIG-047506	532	12	11	16	0
CONTIG-047507	59	8	2	16	0
CONTIG-047508	96	3	2	5	0
CONTIG-047509	115	12	9	64	0
CONTIG-047510	58	62	40	97	4
CONTIG-047511	199	9	10	37	0
CONTIG-047512	247	20	23	209	0
CONTIG-047513	181	11	10	34	2
CONTIG-047514	173	5	20	5	0
CONTIG-047515	136	14	71	61	0
CONTIG-047516	135	19	5	107	18
CONTIG-047518	85	7	2	9	0
CONTIG-047519	169	8	14	53	0
CONTIG-047520	140	12	16	18	0
CONTIG-047521	73	11	18	17	0
CONTIG-047522	111	11	25	20	0
CONTIG-047524	197	17	6	91	3
CONTIG-047525	155	19	56	60	0
CONTIG-047526	149	9	5	32	0
CONTIG-047527	75	3	4	3	0
CONTIG-047528	75	7	0	4	0
CONTIG-047529	80	7	10	14	0
CONTIG-047531	93	3	4	7	0
CONTIG-047532	107	11	11	16	0
CONTIG-047533	461	14	46	222	2
CONTIG-047534	105	5	0	24	0
CONTIG-047535	61	12	8	12	0
CONTIG-047538	105	10	15	21	0
CONTIG-047539	90	20	5	0	0
CONTIG-047540	206	8	9	50	0
CONTIG-047541	162	14	24	78	0
CONTIG-047542	113	13	27	15	0
CONTIG-047543	88	26	7	0	0
CONTIG-047544	97	11	18	33	0
CONTIG-047545	135	8	22	18	0
CONTIG-047546	86	8	4	16	0
CONTIG-047547	105	13	4	11	0
CONTIG-047548	93	4	3	12	0
CONTIG-047549	58	6	5	9	0
CONTIG-047550	224	12	36	43	2
CONTIG-047551	401	11	13	200	0
CONTIG-047552	197	12	37	29	0
CONTIG-047553	93	8	10	25	0
CONTIG-047555	71	6	3	8	0

CONTIG-047556	213	7	3	28	0
CONTIG-047557	111	6	37	20	0
CONTIG-047558	177	6	8	29	0
CONTIG-047559	141	10	0	70	0
CONTIG-047560	72	6	19	0	0
CONTIG-047561	167	5	8	21	0
CONTIG-047563	132	26	34	108	0
CONTIG-047564	291	18	36	128	2
CONTIG-047565	204	17	37	110	0
CONTIG-047566	183	4	2	22	0
CONTIG-047569	61	2	8	0	0
CONTIG-047570	679	73	11	0	482
CONTIG-047571	86	6	2	6	0
CONTIG-047572	63	5	15	0	0
CONTIG-047573	260	7	10	65	0
CONTIG-047574	144	6	15	17	0
CONTIG-047575	56	14	2	13	0
CONTIG-047576	81	12	11	31	0
CONTIG-047577	70	11	4	20	0
CONTIG-047578	109	14	28	22	0
CONTIG-047579	59	29	29	74	2
CONTIG-047580	116	22	75	72	0
CONTIG-047581	180	48	12	13	0
CONTIG-047582	103	71	9	8	0
CONTIG-047583	123	15	27	60	0
CONTIG-047584	136	9	5	54	0
CONTIG-047585	69	41	25	123	0
CONTIG-047586	148	9	7	30	0
CONTIG-047587	147	4	3	8	0
CONTIG-047588	61	18	4	48	0
CONTIG-047589	167	29	9	177	4
CONTIG-047590	323	12	15	162	0
CONTIG-047592	142	5	6	13	0
CONTIG-047593	95	51	43	14	2
CONTIG-047595	76	11	3	17	0
CONTIG-047596	171	8	18	22	0
CONTIG-047597	194	9	29	63	0
CONTIG-047598	118	15	4	4	0
CONTIG-047599	331	11	26	156	0
CONTIG-047600	145	5	14	13	0
CONTIG-047601	226	17	39	141	0
CONTIG-047602	109	4	3	13	0
CONTIG-047603	105	6	7	16	0
CONTIG-047604	615	23	50	579	0
CONTIG-047605	67	8	29	7	0
CONTIG-047606	95	13	7	14	0
CONTIG-047607	91	4	0	9	0

CONTIG-047609	207	7	0	74	0
CONTIG-047610	126	6	0	28	0
CONTIG-047611	305	8	0	73	6
CONTIG-047612	76	3	2	0	0
CONTIG-047613	338	10	11	113	0
CONTIG-047614	67	6	29	2	0
CONTIG-047618	82	7	12	12	0
CONTIG-047619	116	7	0	6	0
CONTIG-047621	466	7	9	114	0
CONTIG-047622	125	5	8	23	0
CONTIG-047623	133	5	2	0	4
CONTIG-047624	667	11	17	194	2
CONTIG-047625	141	8	6	24	0
CONTIG-047626	129	6	0	9	0
CONTIG-047627	193	16	18	132	0
CONTIG-047628	134	13	6	67	0
CONTIG-047629	84	5	3	14	0
CONTIG-047630	374	11	23	89	0
CONTIG-047632	100	386	188	1324	11
CONTIG-047635	454	14	15	384	0
CONTIG-047636	66	45	14	114	0
CONTIG-047637	83	4	7	2	0
CONTIG-047641	74	4	0	7	0
CONTIG-047642	215	8	7	46	0
CONTIG-047643	148	12	24	59	0
CONTIG-047644	371	18	41	127	10
CONTIG-047646	99	4	0	14	0
CONTIG-047647	74	5	0	10	0
CONTIG-047648	69	16	52	0	0
CONTIG-047649	125	6	10	7	0
CONTIG-047651	245	11	22	47	0
CONTIG-047652	210	12	44	78	2
CONTIG-047653	152	7	2	19	0
CONTIG-047654	333	11	58	48	0
CONTIG-047655	181	10	0	59	0
CONTIG-047656	82	18	56	24	0
CONTIG-047657	190	7	25	22	0
CONTIG-047658	479	9	16	83	0
CONTIG-047659	83	6	35	2	0
CONTIG-047660	85	3	4	3	0
CONTIG-047661	75	8	15	6	0
CONTIG-047662	349	16	2	57	0
CONTIG-047663	88	6	10	6	0
CONTIG-047664	88	8	5	2	0
CONTIG-047665	61	4	4	4	0
CONTIG-047666	102	6	8	15	0
CONTIG-047667	968	16	26	642	6

CONTIG-047668	36	109	6	65	0
CONTIG-047669	910	50	107	1630	50
CONTIG-047670	268	16	41	187	0
CONTIG-047671	239	8	35	33	2
CONTIG-047672	156	11	4	41	0
CONTIG-047673	121	5	11	25	2
CONTIG-047674	149	11	4	53	0
CONTIG-047675	42	95	7	193	0
CONTIG-047676	253	12	12	100	0
CONTIG-047677	394	9	21	14	2
CONTIG-047678	123	4	0	15	0
CONTIG-047679	58	4	0	8	0
CONTIG-047680	60	17	33	2	0
CONTIG-047681	60	37	14	92	2
CONTIG-047682	97	4	14	2	0
CONTIG-047683	58	4	8	4	0
CONTIG-047684	89	6	5	0	2
CONTIG-047685	385	10	69	144	0
CONTIG-047688	110	8	14	14	0
CONTIG-047689	61	3	0	6	0
CONTIG-047690	159	12	10	92	0
CONTIG-047691	141	10	2	0	0
CONTIG-047692	66	4	13	7	0
CONTIG-047693	119	10	9	51	0
CONTIG-047694	44	8	10	2	0
CONTIG-047696	154	17	15	74	0
CONTIG-047697	101	3	0	6	0
CONTIG-047700	329	34	68	435	4
CONTIG-047701	66	258	6	1047	0
CONTIG-047702	81	6	6	11	0
CONTIG-047703	106	5	17	6	0
CONTIG-047704	82	6	5	6	0
CONTIG-047707	96	10	15	42	0
CONTIG-047708	193	5	9	33	0
CONTIG-047709	121	8	18	29	2
CONTIG-047710	416	17	13	302	2
CONTIG-047711	133	4	5	9	0
CONTIG-047712	58	36	8	87	0
CONTIG-047713	151	12	13	74	0
CONTIG-047714	90	9	7	22	0
CONTIG-047715	67	3	5	5	0
CONTIG-047716	286	129	3	2	125
CONTIG-047717	247	7	4	48	0
CONTIG-047718	236	17	28	7	0
CONTIG-047719	126	7	17	20	0
CONTIG-047720	201	6	21	43	2
CONTIG-047721	121	5	2	18	2

CONTIG-047722	97	13	2	50	0
CONTIG-047723	98	5	7	11	0
CONTIG-047724	899	22	3	0	109
CONTIG-047725	352	15	20	119	9
CONTIG-047726	261	13	6	169	0
CONTIG-047727	137	9	5	40	2
CONTIG-047728	145	33	21	180	0
CONTIG-047729	157	9	21	21	0
CONTIG-047730	446	8	26	127	0
CONTIG-047731	38	402	0	0	124
CONTIG-047732	102	9	29	24	0
CONTIG-047734	185	12	8	103	0
CONTIG-047735	228	22	0	242	0
CONTIG-047736	161	41	30	262	0
CONTIG-047737	514	28	37	756	0
CONTIG-047738	149	9	7	18	0
CONTIG-047739	67	12	23	6	0
CONTIG-047740	137	11	5	75	2
CONTIG-047742	123	10	13	56	0
CONTIG-047743	78	5	0	6	2
CONTIG-047744	430	11	18	186	2
CONTIG-047745	566	10	32	125	0
CONTIG-047746	93	6	4	18	0
CONTIG-047747	159	38	2	352	0
CONTIG-047748	97	82	13	389	4
CONTIG-047749	242	7	10	51	0
CONTIG-047751	82	4	5	15	0
CONTIG-047752	98	8	0	26	0
CONTIG-047753	518	14	64	172	0
CONTIG-047754	122	5	0	24	0
CONTIG-047756	79	3	0	6	0
CONTIG-047757	80	10	26	20	0
CONTIG-047758	257	17	25	183	2
CONTIG-047759	67	3	2	0	0
CONTIG-047760	227	7	0	0	2
CONTIG-047761	82	24	61	36	0
CONTIG-047762	100	6	6	5	0
CONTIG-047763	206	12	11	99	0
CONTIG-047765	64	829	6	1738	0
CONTIG-047766	291	8	21	72	4
CONTIG-047767	230	6	0	64	0
CONTIG-047768	192	14	24	51	0
CONTIG-047769	269	13	28	21	3
CONTIG-047770	84	3	2	5	0
CONTIG-047771	461	11	7	174	2
CONTIG-047773	116	8	3	0	0
CONTIG-047774	459	9	18	147	0

CONTIG-047776	206	8	13	65	0
CONTIG-047777	313	17	0	0	25
CONTIG-047778	83	10	6	6	0
CONTIG-047779	138	9	2	42	2
CONTIG-047780	94	6	2	2	0
CONTIG-047781	81	17	8	63	2
CONTIG-047782	139	5	5	16	0
CONTIG-047783	181	6	43	17	0
CONTIG-047785	68	4	5	5	0
CONTIG-047786	68	404	61	0	136
CONTIG-047787	363	19	92	272	0
CONTIG-047788	151	8	0	33	7
CONTIG-047789	84	5	4	15	0
CONTIG-047790	124	17	39	93	0
CONTIG-047791	81	6	2	8	0
CONTIG-047792	64	7	17	2	0
CONTIG-047793	70	6	17	0	0
CONTIG-047794	274	10	42	75	0
CONTIG-047795	66	13	8	6	0
CONTIG-047796	93	4	0	9	0
CONTIG-047797	185	9	22	33	0
CONTIG-047799	202	15	12	162	0
CONTIG-047800	284	8	14	74	0
CONTIG-047801	203	10	3	27	0
CONTIG-047802	127	21	37	134	0
CONTIG-047803	385	9	2	70	4
CONTIG-047804	117	3	0	2	0
CONTIG-047805	161	9	10	36	0
CONTIG-047806	133	9	16	27	0
CONTIG-047809	63	6	0	4	0
CONTIG-047810	70	3	0	3	0
CONTIG-047811	157	24	35	157	0
CONTIG-047812	66	12	7	9	0
CONTIG-047813	160	20	23	112	0
CONTIG-047814	60	6	6	2	0
CONTIG-047815	188	10	37	52	0
CONTIG-047816	67	7	0	15	0
CONTIG-047817	320	10	3	107	2
CONTIG-047818	59	4	0	4	0
CONTIG-047819	185	6	4	33	2
CONTIG-047820	58	4	10	2	0
CONTIG-047821	282	6	8	40	0
CONTIG-047822	154	7	9	37	0
CONTIG-047824	211	8	27	22	0
CONTIG-047825	197	41	112	113	0
CONTIG-047826	407	9	27	79	0
CONTIG-047827	91	3	0	9	0

CONTIG-047828	384	5	0	0	2
CONTIG-047829	64	9	13	9	0
CONTIG-047830	143	11	0	49	0
CONTIG-047831	170	5	41	7	0
CONTIG-047832	167	8	28	30	0
CONTIG-047834	114	167	41	631	2
CONTIG-047835	94	5	2	3	2
CONTIG-047836	98	8	5	23	0
CONTIG-047837	219	12	12	74	0
CONTIG-047839	75	7	2	12	0
CONTIG-047840	81	6	7	3	0
CONTIG-047841	119	3	0	11	0
CONTIG-047842	84	11	16	6	0
CONTIG-047843	96	3	2	9	0
CONTIG-047844	60	28	5	36	0
CONTIG-047846	387	10	21	82	4
CONTIG-047847	296	15	33	164	2
CONTIG-047848	72	6	2	8	0
CONTIG-047849	172	3	11	5	0
CONTIG-047850	386	14	35	167	0
CONTIG-047851	68	16	31	22	0
CONTIG-047852	81	8	17	11	0
CONTIG-047853	232	20	13	132	0
CONTIG-047854	63	5	8	4	0
CONTIG-047855	115	5	9	6	0
CONTIG-047856	205	10	20	70	0
CONTIG-047857	250	16	14	65	3
CONTIG-047858	424	22	43	490	0
CONTIG-047859	868	32	114	1307	19
CONTIG-047860	219	51	2	643	0
CONTIG-047861	135	5	3	23	0
CONTIG-047862	198	6	3	41	0
CONTIG-047863	305	8	10	78	0
CONTIG-047864	554	24	79	510	2
CONTIG-047865	132	8	9	44	0
CONTIG-047866	92	5	5	5	0
CONTIG-047867	79	8	8	15	0
CONTIG-047868	118	15	56	58	0
CONTIG-047869	348	10	18	109	0
CONTIG-047870	68	3	4	7	0
CONTIG-047871	198	11	9	55	0
CONTIG-047872	91	4	0	8	0
CONTIG-047873	251	9	6	99	2
CONTIG-047874	77	10	10	21	2
CONTIG-047875	274	5	10	36	0
CONTIG-047876	79	9	7	18	2
CONTIG-047877	72	7	8	4	0

CONTIG-047878	129	8	77	8	0
CONTIG-047880	539	18	21	346	20
CONTIG-047881	77	7	16	14	0
CONTIG-047882	189	9	14	45	5
CONTIG-047883	205	8	34	39	0
CONTIG-047884	71	11	8	0	0
CONTIG-047885	117	11	8	41	0
CONTIG-047886	64	3	2	0	0
CONTIG-047887	86	7	0	25	2
CONTIG-047890	194	6	5	36	0
CONTIG-047891	162	7	0	33	0
CONTIG-047892	186	5	2	48	0
CONTIG-047893	141	7	5	34	0
CONTIG-047894	920	20	59	768	2
CONTIG-047900	117	3	0	12	0
CONTIG-047901	66	9	16	20	0
CONTIG-047907	53	36	20	26	0
CONTIG-047908	377	16	27	107	5
CONTIG-047909	210	5	3	28	0
CONTIG-047914	69	5	6	11	0
CONTIG-047916	124	9	6	22	0
CONTIG-047917	60	4	3	2	0
CONTIG-047918	320	15	24	106	0
CONTIG-047919	136	4	0	13	0
CONTIG-047921	173	10	43	49	0
CONTIG-047922	259	8	11	40	0
CONTIG-047923	59	4	2	4	0
CONTIG-047924	66	8	0	21	0
CONTIG-047930	66	4	14	2	0
CONTIG-047931	143	12	17	0	0
CONTIG-047932	73	6	2	14	0
CONTIG-047935	381	9	0	73	0
CONTIG-047936	192	8	16	44	2
CONTIG-047937	134	12	7	33	0
CONTIG-047938	103	8	2	29	0
CONTIG-047939	62	32	34	5	0
CONTIG-047940	190	10	2	26	0
CONTIG-047941	62	4	5	6	0
CONTIG-047942	139	10	0	55	0
CONTIG-047943	365	21	22	296	0
CONTIG-047944	96	3	8	2	0
CONTIG-047945	137	16	20	32	0
CONTIG-047946	169	5	4	25	0
CONTIG-047947	233	9	22	39	2
CONTIG-047953	380	9	68	122	0
CONTIG-047954	224	8	9	43	0
CONTIG-047955	118	11	9	51	0

CONTIG-047956	118	5	4	19	0
CONTIG-047957	103	11	24	40	0
CONTIG-047958	444	28	62	506	0
CONTIG-047959	217	9	7	68	0
CONTIG-047960	65	14	2	40	0
CONTIG-047962	393	10	14	136	0
CONTIG-047963	140	9	14	34	0
CONTIG-047964	108	35	78	33	4
CONTIG-047966	53	106	33	108	0
CONTIG-047967	117	3	3	8	0
CONTIG-047968	181	13	29	41	0
CONTIG-047969	67	4	0	0	0
CONTIG-047970	380	9	13	114	2
CONTIG-047971	124	5	0	0	0
CONTIG-047972	122	4	2	5	0
CONTIG-047973	133	4	4	7	0
CONTIG-047974	60	4	10	0	0
CONTIG-047975	64	86	64	123	0
CONTIG-047976	85	13	11	33	0
CONTIG-047977	128	6	14	18	0
CONTIG-047978	149	7	2	29	0
CONTIG-047979	92	9	9	32	0
CONTIG-047980	121	5	2	23	0
CONTIG-047981	103	5	17	8	0
CONTIG-047982	118	11	2	32	2
CONTIG-047983	68	6	28	2	0
CONTIG-047984	97	6	14	4	0
CONTIG-047985	737	18	6	480	8
CONTIG-047987	77	3	0	4	0
CONTIG-047988	82	7	3	14	2
CONTIG-047989	112	6	0	22	0
CONTIG-047990	185	7	14	55	0
CONTIG-047991	161	23	56	127	0
CONTIG-047992	149	16	23	121	0
CONTIG-047993	358	17	3	239	2
CONTIG-047994	124	6	11	18	0
CONTIG-047995	126	9	28	8	2
CONTIG-047996	360	20	14	48	0
CONTIG-048002	143	9	0	31	0
CONTIG-048003	128	11	14	40	0
CONTIG-048004	85	3	6	6	0
CONTIG-048005	60	8	22	4	0
CONTIG-048006	74	4	5	7	0
CONTIG-048007	83	4	3	4	0
CONTIG-048018	123	12	18	42	0
CONTIG-048019	179	20	5	80	18
CONTIG-048024	91	9	3	2	0

CONTIG-048025	43	60	5	84	0
CONTIG-048026	112	8	2	8	2
CONTIG-048028	74	15	2	0	0
CONTIG-048030	455	14	58	231	0
CONTIG-048032	120	5	0	16	0
CONTIG-048033	171	20	14	153	0
CONTIG-048034	119	10	0	8	0
CONTIG-048035	61	6	10	8	0
CONTIG-048036	142	6	10	10	0
CONTIG-048037	281	7	19	52	0
CONTIG-048039	139	5	9	17	0
CONTIG-048043	284	9	6	81	0
CONTIG-048044	280	7	19	30	0
CONTIG-048045	157	9	2	46	0
CONTIG-048046	85	8	5	7	0
CONTIG-048047	81	4	8	0	0
CONTIG-048048	247	7	2	35	2
CONTIG-048049	304	11	10	80	0
CONTIG-048050	273	20	11	223	0
CONTIG-048051	74	4	0	8	0
CONTIG-048054	174	22	13	153	0
CONTIG-048061	75	6	2	10	0
CONTIG-048062	145	38	41	208	0
CONTIG-048063	122	28	2	191	0
CONTIG-048064	265	9	23	65	0
CONTIG-048065	356	16	33	189	0
CONTIG-048066	568	8	7	155	2
CONTIG-048067	759	25	56	750	6
CONTIG-048069	114	12	0	55	0
CONTIG-048070	103	7	2	6	2
CONTIG-048071	146	6	2	20	0
CONTIG-048072	82	3	0	0	0
CONTIG-048074	425	7	5	86	2
CONTIG-048075	71	4	6	4	0
CONTIG-048076	77	3	0	6	0
CONTIG-048077	171	7	10	39	0
CONTIG-048079	43	46	0	78	0
CONTIG-048080	109	15	5	60	2
CONTIG-048081	320	15	17	156	6
CONTIG-048083	407	15	14	120	22
CONTIG-048084	55	33	8	78	0
CONTIG-048085	182	11	5	66	0
CONTIG-048088	308	11	37	103	2
CONTIG-048089	119	13	40	41	0
CONTIG-048090	75	6	13	0	0
CONTIG-048091	287	16	45	138	0
CONTIG-048092	195	6	13	41	0

CONTIG-048093	263	12	27	33	0
CONTIG-048096	76	7	10	8	0
CONTIG-048097	150	5	4	18	0
CONTIG-048098	156	4	7	2	0
CONTIG-048099	47	23	5	30	0
CONTIG-048100	198	10	2	69	0
CONTIG-048101	123	10	17	43	0
CONTIG-048102	59	97	20	194	0
CONTIG-048103	191	19	19	99	0
CONTIG-048108	128	35	21	110	2
CONTIG-048109	63	5	0	15	0
CONTIG-048110	157	6	4	27	0
CONTIG-048111	104	10	4	45	0
CONTIG-048112	115	7	5	35	0
CONTIG-048113	206	14	27	71	0
CONTIG-048114	211	16	16	89	0
CONTIG-048115	107	13	0	60	0
CONTIG-048116	449	14	24	252	0
CONTIG-048117	261	6	17	27	0
CONTIG-048118	89	6	4	13	0
CONTIG-048119	250	7	7	41	2
CONTIG-048120	131	12	51	18	0
CONTIG-048121	63	8	6	12	0
CONTIG-048122	80	6	0	11	0
CONTIG-048123	129	15	13	60	0
CONTIG-048124	197	7	0	71	0
CONTIG-048125	429	15	46	138	6
CONTIG-048126	331	10	12	51	0
CONTIG-048127	398	11	12	137	0
CONTIG-048128	144	5	0	7	0
CONTIG-048129	498	11	6	35	0
CONTIG-048130	80	5	17	2	0
CONTIG-048131	236	16	2	16	0
CONTIG-048132	222	12	17	74	0
CONTIG-048133	98	5	0	12	0
CONTIG-048134	200	8	11	17	2
CONTIG-048136	63	4	2	0	2
CONTIG-048137	201	8	13	55	0
CONTIG-048138	547	17	48	278	2
CONTIG-048143	116	8	25	5	0
CONTIG-048144	60	4	14	0	0
CONTIG-048145	64	15	6	0	0
CONTIG-048147	110	5	2	9	0
CONTIG-048148	63	12	18	21	0
CONTIG-048149	85	7	0	10	0
CONTIG-048150	77	9	12	19	0
CONTIG-048151	217	10	49	41	0

CONTIG-048152	133	16	14	103	0
CONTIG-048153	201	10	10	45	0
CONTIG-048154	67	3	2	7	0
CONTIG-048155	82	7	6	27	0
CONTIG-048156	71	6	11	18	0
CONTIG-048157	200	9	32	29	0
CONTIG-048158	146	10	2	55	0
CONTIG-048159	645	15	25	202	16
CONTIG-048160	324	6	5	57	0
CONTIG-048161	78	4	2	0	0
CONTIG-048162	234	13	8	54	0
CONTIG-048163	168	11	19	8	0
CONTIG-048164	206	4	12	22	2
CONTIG-048165	697	16	15	482	7
CONTIG-048166	285	6	11	10	0
CONTIG-048167	153	4	12	11	0
CONTIG-048168	160	5	6	24	0
CONTIG-048169	161	34	2	179	0
CONTIG-048170	94	12	22	23	0
CONTIG-048172	208	6	4	18	0
CONTIG-048173	160	5	0	34	0
CONTIG-048174	360	6	14	44	2
CONTIG-048175	513	22	18	424	15
CONTIG-048177	355	88	86	1834	0
CONTIG-048178	135	15	6	45	0
CONTIG-048180	68	10	0	21	0
CONTIG-048181	157	3	0	0	0
CONTIG-048182	298	6	34	21	0
CONTIG-048183	386	25	33	295	0
CONTIG-048184	81	14	5	48	0
CONTIG-048185	130	28	47	88	3
CONTIG-048186	398	12	7	3	0
CONTIG-048188	249	7	7	29	0
CONTIG-048189	215	8	5	72	0
CONTIG-048191	162	37	28	261	0
CONTIG-048192	380	30	78	282	7
CONTIG-048193	179	8	18	21	0
CONTIG-048194	94	8	0	43	0
CONTIG-048195	118	23	53	74	0
CONTIG-048198	203	5	11	37	0
CONTIG-048199	141	3	0	4	0
CONTIG-048200	130	13	9	82	0
CONTIG-048201	76	10	3	2	0
CONTIG-048202	245	15	63	147	4
CONTIG-048203	231	18	78	165	0
CONTIG-048204	412	12	33	206	0
CONTIG-048205	145	11	2	66	0

CONTIG-048206	231	16	20	18	0
CONTIG-048208	160	9	15	51	0
CONTIG-048209	128	6	8	17	0
CONTIG-048210	343	19	23	315	0
CONTIG-048211	133	8	14	16	0
CONTIG-048212	58	9	8	0	0
CONTIG-048213	222	10	9	50	0
CONTIG-048214	118	10	3	26	0
CONTIG-048215	69	3	6	4	0
CONTIG-048216	107	134	17	495	30
CONTIG-048218	108	10	6	21	0
CONTIG-048219	38	117	12	191	0
CONTIG-048220	112	394	19	1397	0
CONTIG-048221	187	14	18	43	0
CONTIG-048222	68	11	2	13	0
CONTIG-048223	350	22	8	188	14
CONTIG-048224	86	6	43	0	0
CONTIG-048225	67	4	7	0	0
CONTIG-048226	105	8	0	30	0
CONTIG-048227	95	8	2	20	0
CONTIG-048228	804	13	31	279	2
CONTIG-048229	66	2	0	2	0
CONTIG-048230	847	18	38	104	39
CONTIG-048231	193	6	16	23	0
CONTIG-048232	394	56	44	676	34
CONTIG-048233	140	7	4	12	0
CONTIG-048234	66	4	12	3	0
CONTIG-048235	338	7	5	18	0
CONTIG-048236	554	12	5	356	0
CONTIG-048237	180	9	5	94	0
CONTIG-048238	313	10	41	121	0
CONTIG-048239	276	10	22	89	0
CONTIG-048240	60	11	4	15	0
CONTIG-048242	60	10	4	30	0
CONTIG-048244	248	6	7	60	0
CONTIG-048245	106	7	2	29	0
CONTIG-048246	440	44	17	52	0
CONTIG-048247	276	27	14	228	4
CONTIG-048248	171	5	23	17	0
CONTIG-048251	78	6	9	2	0
CONTIG-048252	150	7	11	3	0
CONTIG-048254	98	16	2	36	0
CONTIG-048255	84	6	17	6	0
CONTIG-048256	468	29	44	149	49
CONTIG-048257	83	3	4	0	0
CONTIG-048258	78	5	8	3	0
CONTIG-048259	114	6	13	7	0

CONTIG-048260	44	18	5	9	0
CONTIG-048261	63	4	11	0	0
CONTIG-048262	62	14	29	24	0
CONTIG-048263	485	17	136	324	0
CONTIG-048267	87	8	11	7	0
CONTIG-048268	177	11	12	43	0
CONTIG-048269	81	6	2	18	2
CONTIG-048270	615	11	8	9	0
CONTIG-048271	87	3	2	12	0
CONTIG-048272	83	8	12	19	0
CONTIG-048273	259	8	40	65	0
CONTIG-048274	684	18	68	400	4
CONTIG-048275	334	15	39	108	6
CONTIG-048276	272	8	33	71	0
CONTIG-048277	136	10	48	18	0
CONTIG-048278	99	6	4	5	0
CONTIG-048279	106	7	22	2	0
CONTIG-048280	164	9	2	46	0
CONTIG-048281	43	52	28	61	4
CONTIG-048283	178	6	5	23	0
CONTIG-048284	172	16	45	71	2
CONTIG-048286	85	63	10	305	0
CONTIG-048289	207	20	17	180	0
CONTIG-048290	66	10	11	7	0
CONTIG-048291	135	12	23	55	0
CONTIG-048292	63	7	11	0	0
CONTIG-048293	61	2	0	4	0
CONTIG-048294	241	7	0	62	0
CONTIG-048295	239	7	26	49	0
CONTIG-048296	235	12	17	101	0
CONTIG-048297	147	12	37	49	0
CONTIG-048298	160	9	3	63	0
CONTIG-048299	65	5	6	2	0
CONTIG-048300	206	12	20	55	2
CONTIG-048301	75	5	8	4	0
CONTIG-048302	168	7	12	12	0
CONTIG-048303	115	4	18	7	0
CONTIG-048304	127	6	10	28	0
CONTIG-048305	432	13	9	32	3
CONTIG-048306	401	10	18	98	0
CONTIG-048307	237	10	4	98	0
CONTIG-048308	54	7	0	3	0
CONTIG-048309	248	5	18	30	0
CONTIG-048311	85	5	4	12	0
CONTIG-048312	113	8	6	29	0
CONTIG-048319	203	10	0	69	0
CONTIG-048320	81	8	2	13	0

CONTIG-048321	161	5	2	12	0
CONTIG-048322	69	7	4	0	0
CONTIG-048323	60	4	0	9	0
CONTIG-048324	62	2	0	2	0
CONTIG-048325	445	13	15	150	4
CONTIG-048326	233	11	36	104	0
CONTIG-048327	162	8	3	61	0
CONTIG-048328	86	5	0	6	0
CONTIG-048329	100	5	3	7	0
CONTIG-048330	217	10	51	48	0
CONTIG-048331	76	7	21	4	0
CONTIG-048333	61	10	17	2	0
CONTIG-048338	240	5	6	15	2
CONTIG-048339	125	9	14	33	0
CONTIG-048340	60	115	17	22	0
CONTIG-048341	251	14	9	109	8
CONTIG-048342	169	15	22	55	7
CONTIG-048344	116	30	13	112	0
CONTIG-048346	64	6	20	0	0
CONTIG-048348	258	12	31	65	0
CONTIG-048349	264	12	9	110	4
CONTIG-048350	74	3	0	6	0
CONTIG-048351	168	11	8	70	0
CONTIG-048352	232	13	0	97	0
CONTIG-048353	1181	14	2	0	84
CONTIG-048354	214	7	4	0	12
CONTIG-048355	89	9	9	16	2
CONTIG-048356	73	5	3	6	0
CONTIG-048357	268	5	13	32	0
CONTIG-048358	100	5	2	6	0
CONTIG-048359	359	6	2	33	0
CONTIG-048360	105	12	13	5	0
CONTIG-048363	160	10	15	18	0
CONTIG-048364	67	10	6	6	0
CONTIG-048365	78	3	2	4	0
CONTIG-048366	89	6	8	10	0
CONTIG-048367	277	10	0	9	0
CONTIG-048369	201	17	33	169	0
CONTIG-048371	151	5	8	14	0
CONTIG-048372	120	3	3	6	0
CONTIG-048373	36	159	0	45	0
CONTIG-048374	104	11	0	62	0
CONTIG-048375	120	8	2	31	0
CONTIG-048376	83	5	2	2	0
CONTIG-048377	110	4	3	11	0
CONTIG-048378	184	10	26	36	0
CONTIG-048379	80	14	28	36	0

CONTIG-048380	90	12	32	31	0
CONTIG-048382	208	11	6	81	0
CONTIG-048383	162	5	10	22	0
CONTIG-048384	125	4	4	7	0
CONTIG-048385	272	13	18	22	0
CONTIG-048386	261	17	85	93	0
CONTIG-048387	130	7	15	4	0
CONTIG-048388	453	22	14	137	41
CONTIG-048389	124	9	13	4	0
CONTIG-048390	169	4	0	10	0
CONTIG-048391	94	7	10	24	0
CONTIG-048392	247	8	0	59	0
CONTIG-048393	280	8	13	4	0
CONTIG-048395	149	18	2	14	2
CONTIG-048396	175	11	28	70	0
CONTIG-048397	567	89	80	3308	0
CONTIG-048398	95	6	17	5	0
CONTIG-048399	406	15	18	168	2
CONTIG-048400	139	11	9	54	0
CONTIG-048401	100	13	37	28	0
CONTIG-048402	153	10	6	66	0
CONTIG-048403	58	3	4	5	0
CONTIG-048404	58	4	6	2	0
CONTIG-048405	91	242	12	834	0
CONTIG-048406	935	22	36	626	25
CONTIG-048408	66	8	4	16	0
CONTIG-048409	73	3	4	0	2
CONTIG-048410	143	10	22	4	0
CONTIG-048411	86	3	2	0	0
CONTIG-048412	200	6	4	2	0
CONTIG-048413	200	14	20	87	0
CONTIG-048414	155	6	15	15	0
CONTIG-048416	174	10	24	51	0
CONTIG-048417	168	5	14	7	0
CONTIG-048418	170	4	15	15	0
CONTIG-048423	101	8	4	27	0
CONTIG-048424	95	7	4	0	0
CONTIG-048425	356	15	16	306	0
CONTIG-048426	136	4	2	20	0
CONTIG-048429	102	5	5	4	0
CONTIG-048431	168	7	10	34	0
CONTIG-048432	109	4	7	8	0
CONTIG-048433	154	72	21	3	0
CONTIG-048434	158	13	50	22	0
CONTIG-048435	134	9	10	30	0
CONTIG-048436	464	8	0	0	2
CONTIG-048437	141	15	95	57	0

CONTIG-048438	583	11	36	184	2
CONTIG-048439	138	6	6	19	0
CONTIG-048440	815	24	136	366	2
CONTIG-048441	124	11	2	70	0
CONTIG-048442	277	9	8	36	4
CONTIG-048444	173	9	3	53	2
CONTIG-048445	335	6	2	17	2
CONTIG-048446	75	10	19	6	0
CONTIG-048447	231	9	44	22	0
CONTIG-048448	59	11	0	34	0
CONTIG-048449	129	9	4	32	0
CONTIG-048452	201	31	6	2	0
CONTIG-048453	113	8	7	15	0
CONTIG-048455	208	10	12	86	0
CONTIG-048456	132	8	0	0	0
CONTIG-048457	118	11	23	51	0
CONTIG-048458	36	4	2	0	0
CONTIG-048459	140	3	7	5	0
CONTIG-048460	329	8	27	107	2
CONTIG-048461	74	11	28	3	0
CONTIG-048462	58	3	2	2	0
CONTIG-048463	241	8	4	39	0
CONTIG-048464	93	8	2	26	0
CONTIG-048468	89	4	7	4	0
CONTIG-048469	176	17	38	123	0
CONTIG-048470	36	81	7	77	0
CONTIG-048471	68	50	31	109	0
CONTIG-048472	197	17	6	113	0
CONTIG-048473	250	12	12	131	0
CONTIG-048474	244	13	2	127	0
CONTIG-048475	144	4	8	4	0
CONTIG-048476	76	5	3	9	2
CONTIG-048477	74	14	8	36	0
CONTIG-048479	599	12	37	221	0
CONTIG-048480	59	4	5	7	0
CONTIG-048481	451	13	2	168	2
CONTIG-048482	97	10	0	36	0
CONTIG-048483	215	8	5	45	0
CONTIG-048484	60	6	0	7	0
CONTIG-048485	111	8	4	20	2
CONTIG-048486	298	5	15	23	2
CONTIG-048487	123	7	9	22	0
CONTIG-048488	1034	39	2	3	56
CONTIG-048489	95	22	13	25	0
CONTIG-048491	95	5	4	19	0
CONTIG-048493	298	10	20	62	0
CONTIG-048494	186	6	10	21	0

CONTIG-048502	127	13	13	42	2
CONTIG-048503	79	4	2	7	0
CONTIG-048507	80	2	2	2	0
CONTIG-048508	71	4	23	0	0
CONTIG-048510	166	18	10	144	2
CONTIG-048511	149	70	2	0	64
CONTIG-048512	262	5	4	31	2
CONTIG-048513	200	15	27	81	2
CONTIG-048514	161	5	2	22	0
CONTIG-048515	71	6	4	7	0
CONTIG-048516	380	14	52	183	0
CONTIG-048517	172	5	10	14	0
CONTIG-048518	71	2	0	0	0
CONTIG-048519	139	6	5	27	0
CONTIG-048520	128	31	41	68	2
CONTIG-048521	1346	18	88	689	9
CONTIG-048522	85	9	14	11	0
CONTIG-048523	138	4	2	17	0
CONTIG-048524	157	6	6	0	6
CONTIG-048525	127	12	3	3	0
CONTIG-048526	309	10	17	53	4
CONTIG-048527	97	3	11	0	0
CONTIG-048528	96	3	0	7	0
CONTIG-048529	217	19	10	76	0
CONTIG-048531	127	6	5	15	0
CONTIG-048532	167	7	14	27	0
CONTIG-048533	135	6	9	22	0
CONTIG-048534	145	5	8	10	0
CONTIG-048535	119	7	8	22	0
CONTIG-048536	171	16	36	39	0
CONTIG-048537	39	7	8	7	0
CONTIG-048538	95	4	5	7	0
CONTIG-048539	132	6	3	28	0
CONTIG-048541	230	7	8	57	0
CONTIG-048542	175	11	24	27	0
CONTIG-048543	407	9	35	100	0
CONTIG-048544	246	14	76	123	0
CONTIG-048545	67	3	7	2	0
CONTIG-048546	266	8	7	76	4
CONTIG-048547	779	17	19	794	0
CONTIG-048548	255	16	7	45	4
CONTIG-048549	151	7	8	33	2
CONTIG-048560	331	135	29	202	2
CONTIG-048561	83	98	17	298	0
CONTIG-048562	201	25	35	149	0
CONTIG-048564	228	6	8	33	0
CONTIG-048565	80	28	7	102	0

CONTIG-048566	199	13	13	49	4
CONTIG-048567	121	11	0	23	2
CONTIG-048568	230	3	8	22	0
CONTIG-048569	72	4	13	0	0
CONTIG-048570	138	6	7	17	0
CONTIG-048571	408	10	12	100	0
CONTIG-048572	98	5	0	21	0
CONTIG-048580	66	5	6	6	0
CONTIG-048581	127	7	12	29	0
CONTIG-048584	229	45	15	463	3
CONTIG-048585	45	12	3	12	0
CONTIG-048586	90	5	7	0	0
CONTIG-048587	261	10	20	45	0
CONTIG-048588	59	9	2	9	0
CONTIG-048589	74	19	40	20	2
CONTIG-048590	103	3	4	4	0
CONTIG-048591	75	5	12	2	0
CONTIG-048592	156	7	4	28	0
CONTIG-048593	154	6	15	17	2
CONTIG-048594	257	9	19	93	2
CONTIG-048595	318	17	9	224	0
CONTIG-048596	136	5	12	18	0
CONTIG-048599	115	8	19	29	0
CONTIG-048600	77	5	12	13	0
CONTIG-048601	79	5	6	9	0
CONTIG-048603	93	4	2	7	0
CONTIG-048604	229	7	5	32	0
CONTIG-048605	274	12	33	121	0
CONTIG-048606	201	7	2	42	0
CONTIG-048607	294	11	4	100	2
CONTIG-048608	112	8	5	12	0
CONTIG-048610	108	4	0	2	0
CONTIG-048612	85	5	2	19	0
CONTIG-048613	273	9	9	84	0
CONTIG-048615	71	7	9	13	0
CONTIG-048616	62	6	2	5	0
CONTIG-048617	1500	18	61	590	6
CONTIG-048618	136	4	2	2	0
CONTIG-048619	64	6	31	6	0
CONTIG-048620	95	4	2	12	0
CONTIG-048621	66	9	16	12	0
CONTIG-048622	730	12	24	283	0
CONTIG-048623	100	7	2	4	0
CONTIG-048624	108	6	0	12	0
CONTIG-048625	137	10	6	54	2
CONTIG-048626	104	7	0	33	0
CONTIG-048627	95	2	0	6	0

CONTIG-048628	83	17	29	4	0
CONTIG-048631	78	5	6	11	0
CONTIG-048632	352	15	10	186	0
CONTIG-048633	142	7	20	35	0
CONTIG-048634	87	17	34	50	0
CONTIG-048635	80	5	3	10	0
CONTIG-048636	58	2	2	0	0
CONTIG-048637	323	9	19	67	0
CONTIG-048638	123	9	43	12	0
CONTIG-048639	179	24	63	79	5
CONTIG-048640	105	14	44	32	0
CONTIG-048641	384	17	10	221	0
CONTIG-048642	113	4	3	8	0
CONTIG-048643	94	5	38	0	0
CONTIG-048644	262	16	16	73	0
CONTIG-048645	346	11	33	130	0
CONTIG-048646	76	3	0	0	0
CONTIG-048647	99	10	23	21	0
CONTIG-048648	102	5	8	15	0
CONTIG-048649	98	9	5	27	0
CONTIG-048650	121	7	15	17	0
CONTIG-048651	180	7	19	29	0
CONTIG-048652	67	6	25	0	0
CONTIG-048653	177	3	2	13	0
CONTIG-048654	157	6	0	5	0
CONTIG-048655	264	21	42	291	0
CONTIG-048656	200	86	181	509	0
CONTIG-048657	128	4	3	9	0
CONTIG-048658	198	9	7	36	0
CONTIG-048659	310	59	162	703	0
CONTIG-048660	242	11	29	79	0
CONTIG-048661	63	16	13	16	0
CONTIG-048662	340	11	10	40	0
CONTIG-048663	130	11	37	10	0
CONTIG-048664	294	8	0	86	0
CONTIG-048665	69	7	0	10	0
CONTIG-048666	78	6	10	0	0
CONTIG-048667	160	7	5	43	0
CONTIG-048669	162	21	0	0	6
CONTIG-048670	90	6	15	0	0
CONTIG-048671	194	7	14	31	0
CONTIG-048672	547	22	33	446	6
CONTIG-048675	354	8	30	78	0
CONTIG-048676	572	282	49	55	0
CONTIG-048677	170	8	2	45	0
CONTIG-048678	247	22	61	123	0
CONTIG-048679	81	5	16	8	0

CONTIG-048680	74	4	5	4	0
CONTIG-048681	1794	19	51	914	10
CONTIG-048682	112	11	13	9	0
CONTIG-048683	77	8	9	6	0
CONTIG-048684	192	6	6	27	0
CONTIG-048685	358	8	28	68	0
CONTIG-048688	61	58	15	178	0
CONTIG-048689	68	56	31	44	0
CONTIG-048690	168	13	6	86	2
CONTIG-048691	347	9	27	112	0
CONTIG-048692	112	8	14	18	0
CONTIG-048695	67	15	5	22	0
CONTIG-048696	377	18	15	53	0
CONTIG-048697	129	3	3	8	0
CONTIG-048698	142	5	27	8	0
CONTIG-048699	107	6	20	9	0
CONTIG-048700	64	5	4	5	0
CONTIG-048701	152	5	4	17	2
CONTIG-048702	117	6	2	20	0
CONTIG-048703	217	9	2	80	0
CONTIG-048704	425	7	18	75	2
CONTIG-048705	107	9	14	27	0
CONTIG-048706	184	12	7	54	5
CONTIG-048707	121	13	57	33	0
CONTIG-048708	125	5	9	14	0
CONTIG-048709	122	15	12	61	3
CONTIG-048710	79	3	7	4	0
CONTIG-048711	108	6	3	7	0
CONTIG-048712	99	8	18	12	0
CONTIG-048713	169	17	48	0	16
CONTIG-048715	181	10	7	45	0
CONTIG-048716	161	8	4	30	0
CONTIG-048717	179	11	18	47	2
CONTIG-048718	427	21	58	387	2
CONTIG-048722	105	7	3	2	0
CONTIG-048723	453	16	44	233	4
CONTIG-048724	129	5	12	5	0
CONTIG-048725	59	3	3	3	0
CONTIG-048726	171	5	6	19	0
CONTIG-048728	167	17	27	51	0
CONTIG-048729	295	10	15	80	2
CONTIG-048730	353	15	37	113	0
CONTIG-048733	309	13	7	183	0
CONTIG-048734	282	7	41	68	0
CONTIG-048737	80	4	4	14	0
CONTIG-048738	168	15	34	95	0
CONTIG-048739	132	5	2	17	0

CONTIG-048740	92	13	4	29	2
CONTIG-048741	88	4	2	8	0
CONTIG-048742	293	10	46	70	2
CONTIG-048743	174	6	26	9	0
CONTIG-048744	251	20	22	164	2
CONTIG-048745	82	5	6	2	0
CONTIG-048747	297	13	27	126	0
CONTIG-048748	149	5	12	14	0
CONTIG-048749	256	6	27	8	2
CONTIG-048750	242	15	37	179	0
CONTIG-048752	172	10	17	71	0
CONTIG-048754	128	30	11	181	0
CONTIG-048755	97	4	0	4	0
CONTIG-048756	252	9	24	17	0
CONTIG-048757	73	6	0	14	0
CONTIG-048758	140	6	2	19	0
CONTIG-048759	70	12	2	30	0
CONTIG-048760	60	12	45	2	0
CONTIG-048761	225	22	9	48	8
CONTIG-048762	788	17	59	764	0
CONTIG-048763	310	38	29	212	0
CONTIG-048764	119	5	12	9	0
CONTIG-048765	68	6	11	4	0
CONTIG-048766	81	4	6	8	0
CONTIG-048767	453	16	8	408	0
CONTIG-048768	221	7	5	27	12
CONTIG-048769	90	5	6	4	0
CONTIG-048770	104	3	3	9	0
CONTIG-048771	133	11	42	31	0
CONTIG-048772	116	9	0	22	2
CONTIG-048773	315	8	10	5	0
CONTIG-048774	114	6	22	13	0
CONTIG-048775	530	29	124	195	2
CONTIG-048776	108	9	7	30	0
CONTIG-048777	113	8	10	7	0
CONTIG-048778	62	9	5	0	0
CONTIG-048779	78	6	16	2	0
CONTIG-048780	169	41	13	277	0
CONTIG-048781	59	3	2	6	0
CONTIG-048782	154	10	11	26	0
CONTIG-048783	65	3	0	5	0
CONTIG-048784	62	26	142	11	0
CONTIG-048785	86	10	20	6	0
CONTIG-048786	781	75	3	2	740
CONTIG-048787	65	10	10	22	0
CONTIG-048788	142	3	3	18	0
CONTIG-048789	102	7	10	14	0

CONTIG-048790	78	9	2	29	0
CONTIG-048791	434	10	10	70	6
CONTIG-048792	77	3	3	4	0
CONTIG-048793	122	5	6	7	0
CONTIG-048794	316	13	46	104	0
CONTIG-048795	920	38	2	0	385
CONTIG-048796	94	3	13	0	0
CONTIG-048797	121	5	4	8	0
CONTIG-048798	138	13	5	60	4
CONTIG-048799	890	9	18	255	0
CONTIG-048800	61	5	2	0	0
CONTIG-048801	329	8	18	37	0
CONTIG-048805	61	11	20	2	0
CONTIG-048806	100	4	10	8	0
CONTIG-048807	129	6	16	12	0
CONTIG-048808	108	4	3	9	0
CONTIG-048809	540	13	16	194	0
CONTIG-048810	123	10	18	25	0
CONTIG-048811	78	7	14	12	0
CONTIG-048812	166	6	10	15	0
CONTIG-048813	119	12	39	36	0
CONTIG-048814	1039	15	27	499	3
CONTIG-048815	110	6	6	22	2
CONTIG-048816	152	6	9	24	0
CONTIG-048817	156	13	12	71	0
CONTIG-048818	297	8	21	39	0
CONTIG-048819	166	7	10	49	0
CONTIG-048820	475	12	11	191	0
CONTIG-048821	123	13	11	15	2
CONTIG-048822	391	8	8	50	33
CONTIG-048823	186	11	56	60	0
CONTIG-048824	62	4	0	6	0
CONTIG-048825	223	7	4	28	0
CONTIG-048826	171	8	11	25	0
CONTIG-048827	90	10	5	42	0
CONTIG-048828	497	20	22	393	0
CONTIG-048829	411	6	23	65	0
CONTIG-048830	83	4	2	12	0
CONTIG-048832	103	11	16	43	0
CONTIG-048836	213	15	6	74	2
CONTIG-048837	102	4	2	0	0
CONTIG-048838	152	10	8	56	0
CONTIG-048844	119	4	8	9	0
CONTIG-048847	166	6	7	25	0
CONTIG-048848	71	9	12	16	0
CONTIG-048849	112	15	0	8	0
CONTIG-048850	110	11	11	29	0

CONTIG-048851	96	7	11	14	0
CONTIG-048852	75	5	8	11	0
CONTIG-048853	572	17	99	317	2
CONTIG-048859	333	21	46	2	0
CONTIG-048860	759	16	33	387	0
CONTIG-048861	169	12	40	36	0
CONTIG-048862	188	7	6	2	0
CONTIG-048863	109	6	0	8	0
CONTIG-048864	95	7	15	18	0
CONTIG-048865	435	47	4	0	266
CONTIG-048866	99	8	15	4	0
CONTIG-048868	143	5	15	9	0
CONTIG-048869	115	6	3	15	0
CONTIG-048873	193	8	17	60	0
CONTIG-048874	96	4	0	0	0
CONTIG-048875	112	5	4	6	0
CONTIG-048876	63	2	0	7	0
CONTIG-048877	458	9	32	179	0
CONTIG-048878	185	11	8	47	2
CONTIG-048879	180	11	17	78	0
CONTIG-048880	214	16	26	90	0
CONTIG-048881	66	5	3	5	0
CONTIG-048882	197	7	6	6	0
CONTIG-048883	148	4	17	0	0
CONTIG-048884	175	9	6	56	2
CONTIG-048885	297	11	17	132	0
CONTIG-048886	241	15	2	200	0
CONTIG-048887	90	3	4	3	0
CONTIG-048895	69	5	3	12	0
CONTIG-048896	126	107	90	484	0
CONTIG-048897	612	19	15	98	74
CONTIG-048898	83	8	4	7	0
CONTIG-048899	96	4	5	10	0
CONTIG-048900	245	10	17	91	0
CONTIG-048901	100	12	18	24	0
CONTIG-048902	192	7	5	30	0
CONTIG-048903	365	9	15	108	0
CONTIG-048904	453	18	58	242	11
CONTIG-048905	92	8	6	16	0
CONTIG-048906	449	11	47	138	0
CONTIG-048907	381	11	50	66	0
CONTIG-048908	117	8	8	43	0
CONTIG-048909	72	8	16	8	0
CONTIG-048910	66	7	4	17	0
CONTIG-048911	118	9	0	2	2
CONTIG-048912	67	10	21	11	0
CONTIG-048913	309	7	9	66	0

CONTIG-048914	112	26	22	51	2
CONTIG-048915	77	8	19	5	0
CONTIG-048916	89	4	2	0	0
CONTIG-048919	129	15	0	44	2
CONTIG-048920	310	15	15	167	4
CONTIG-048921	101	10	9	37	0
CONTIG-048922	70	6	0	8	0
CONTIG-048923	110	12	12	62	0
CONTIG-048924	60	11	30	0	0
CONTIG-048925	114	7	2	23	3
CONTIG-048926	202	8	22	55	0
CONTIG-048927	66	8	6	13	0
CONTIG-048928	61	4	4	2	0
CONTIG-048929	87	7	11	5	0
CONTIG-048930	95	3	2	6	0
CONTIG-048931	159	8	19	48	0
CONTIG-048932	110	8	17	17	0
CONTIG-048933	173	6	4	13	0
CONTIG-048934	327	13	74	14	0
CONTIG-048935	219	8	15	45	0
CONTIG-048941	452	13	20	102	0
CONTIG-048942	90	6	3	24	0
CONTIG-048943	97	13	47	32	0
CONTIG-048945	95	12	19	30	0
CONTIG-048946	257	6	13	25	0
CONTIG-048947	306	10	54	43	2
CONTIG-048948	81	12	7	45	0
CONTIG-048949	80	10	18	24	0
CONTIG-048950	87	11	18	6	0
CONTIG-048951	847	16	66	252	16
CONTIG-048952	172	14	9	74	0
CONTIG-048953	78	11	11	6	0
CONTIG-048955	205	10	5	69	4
CONTIG-048956	189	7	19	30	0
CONTIG-048957	84	5	3	6	0
CONTIG-048958	100	8	17	8	0
CONTIG-048959	654	16	71	455	5
CONTIG-048960	154	8	12	39	2
CONTIG-048961	71	13	3	6	0
CONTIG-048962	162	4	11	7	0
CONTIG-048963	74	4	2	6	0
CONTIG-048964	94	7	2	22	0
CONTIG-048966	134	8	9	32	0
CONTIG-048967	162	6	5	24	0
CONTIG-048968	535	16	42	205	2
CONTIG-048969	199	5	7	7	0
CONTIG-048970	70	8	0	23	0

CONTIG-048971	62	6	5	2	0
CONTIG-048972	85	4	5	7	0
CONTIG-048975	172	4	10	4	0
CONTIG-048976	407	13	20	214	2
CONTIG-048977	88	6	4	13	0
CONTIG-048978	461	12	21	3	0
CONTIG-048979	159	6	0	33	0
CONTIG-048980	92	42	22	184	0
CONTIG-048981	105	4	5	10	0
CONTIG-048982	282	10	27	89	0
CONTIG-048983	122	26	7	101	0
CONTIG-048984	63	3	2	4	0
CONTIG-048985	77	6	30	2	0
CONTIG-048986	113	10	2	36	0
CONTIG-048987	376	11	40	56	2
CONTIG-048989	124	20	22	95	0
CONTIG-048990	323	8	0	28	0
CONTIG-048991	88	10	4	32	0
CONTIG-048992	246	7	6	57	0
CONTIG-048993	230	9	5	68	0
CONTIG-048994	283	16	16	124	0
CONTIG-048996	101	7	7	9	0
CONTIG-048997	138	4	2	13	0
CONTIG-048998	89	7	11	20	0
CONTIG-048999	244	23	2	315	0
CONTIG-049000	81	4	2	5	0
CONTIG-049001	298	15	11	216	0
CONTIG-049002	308	14	35	132	0
CONTIG-049003	161	8	14	20	0
CONTIG-049004	63	11	2	0	0
CONTIG-049005	572	10	6	69	0
CONTIG-049008	193	9	29	39	0
CONTIG-049009	163	34	13	218	0
CONTIG-049010	67	6	6	10	0
CONTIG-049011	278	9	53	42	0
CONTIG-049012	205	9	11	52	0
CONTIG-049015	104	11	2	50	0
CONTIG-049016	148	11	7	48	0
CONTIG-049018	272	6	23	53	0
CONTIG-049019	187	12	10	49	0
CONTIG-049020	193	8	33	25	0
CONTIG-049021	152	7	24	23	0
CONTIG-049022	162	87	4	0	33
CONTIG-049023	230	8	8	70	0
CONTIG-049025	92	5	0	12	0
CONTIG-049026	77	5	19	10	0
CONTIG-049027	72	4	9	6	0

CONTIG-049028	72	4	2	6	0
CONTIG-049029	79	5	7	2	0
CONTIG-049030	309	8	0	89	0
CONTIG-049031	303	96	65	1100	2
CONTIG-049032	117	15	30	76	0
CONTIG-049033	121	8	3	26	0
CONTIG-049034	89	6	0	15	0
CONTIG-049035	140	3	4	0	0
CONTIG-049036	95	5	14	3	0
CONTIG-049037	71	11	12	6	0
CONTIG-049038	110	24	12	72	0
CONTIG-049040	75	3	11	4	0
CONTIG-049041	172	4	5	12	0
CONTIG-049043	231	10	15	37	0
CONTIG-049046	152	5	6	13	0
CONTIG-049047	59	10	17	13	0
CONTIG-049048	330	9	19	46	0
CONTIG-049049	159	26	52	119	2
CONTIG-049050	352	15	16	155	10
CONTIG-049051	98	13	52	29	0
CONTIG-049052	92	9	3	7	0
CONTIG-049053	150	11	9	78	0
CONTIG-049054	173	5	8	15	0
CONTIG-049055	72	5	3	13	0
CONTIG-049056	239	30	27	243	0
CONTIG-049057	177	14	38	64	2
CONTIG-049059	60	10	11	8	0
CONTIG-049060	240	15	0	44	0
CONTIG-049061	127	5	2	11	0
CONTIG-049062	409	28	119	282	6
CONTIG-049065	160	5	6	14	0
CONTIG-049066	311	12	12	148	0
CONTIG-049067	211	8	27	51	0
CONTIG-049069	286	20	56	110	2
CONTIG-049070	1105	33	9	106	0
CONTIG-049071	85	5	2	10	0
CONTIG-049072	151	10	15	41	0
CONTIG-049073	333	15	47	171	0
CONTIG-049074	113	3	3	8	0
CONTIG-049075	64	12	5	24	0
CONTIG-049078	103	6	5	10	0
CONTIG-049081	145	6	14	24	0
CONTIG-049082	200	10	11	48	2
CONTIG-049084	183	13	6	50	4
CONTIG-049085	58	6	20	2	0
CONTIG-049086	117	13	42	27	0
CONTIG-049088	107	12	16	19	0

CONTIG-049089	482	22	74	258	11
CONTIG-049090	905	72	16	34	0
CONTIG-049091	77	2	2	0	0
CONTIG-049092	112	10	11	27	0
CONTIG-049093	277	9	12	71	0
CONTIG-049094	64	12	0	0	0
CONTIG-049095	61	17	107	0	0
CONTIG-049096	65	38	57	81	0
CONTIG-049097	264	5	0	48	0
CONTIG-049098	126	3	7	4	0
CONTIG-049099	171	7	7	32	0
CONTIG-049100	359	11	47	130	0
CONTIG-049101	166	4	4	17	0
CONTIG-049102	75	7	10	11	0
CONTIG-049103	121	10	6	17	0
CONTIG-049105	71	6	16	5	0
CONTIG-049106	181	6	21	7	0
CONTIG-049107	171	5	24	6	0
CONTIG-049108	190	14	35	66	0
CONTIG-049109	174	3	2	10	0
CONTIG-049110	706	24	45	501	29
CONTIG-049111	155	16	39	74	0
CONTIG-049112	180	11	23	41	2
CONTIG-049113	95	6	4	8	0
CONTIG-049114	110	32	7	14	0
CONTIG-049115	198	11	46	72	0
CONTIG-049116	149	11	4	21	0
CONTIG-049117	204	11	38	44	0
CONTIG-049121	96	8	5	31	0
CONTIG-049122	67	5	7	9	0
CONTIG-049123	136	4	2	18	0
CONTIG-049124	292	22	64	77	11
CONTIG-049125	60	9	0	11	0
CONTIG-049126	123	25	39	99	0
CONTIG-049127	61	4	7	2	0
CONTIG-049128	71	4	5	4	0
CONTIG-049129	372	8	55	112	0
CONTIG-049130	70	2	2	0	0
CONTIG-049131	198	7	12	27	0
CONTIG-049132	819	19	24	538	13
CONTIG-049133	138	7	23	8	0
CONTIG-049134	73	6	8	2	0
CONTIG-049139	75	6	7	16	0
CONTIG-049140	116	12	14	17	0
CONTIG-049141	247	9	5	54	2
CONTIG-049142	94	9	6	9	0
CONTIG-049143	677	14	47	300	2

CONTIG-049144	119	8	11	14	0
CONTIG-049145	275	12	7	129	2
CONTIG-049146	89	8	2	33	0
CONTIG-049147	121	5	0	14	0
CONTIG-049148	86	7	20	10	0
CONTIG-049157	190	9	11	27	0
CONTIG-049158	136	10	14	26	2
CONTIG-049159	277	12	29	76	2
CONTIG-049160	283	9	2	70	0
CONTIG-049161	156	16	10	61	0
CONTIG-049162	143	12	12	32	0
CONTIG-049163	251	7	5	50	2
CONTIG-049164	64	3	0	0	0
CONTIG-049165	191	12	25	63	2
CONTIG-049166	101	19	55	14	2
CONTIG-049167	136	6	11	23	2
CONTIG-049168	76	6	2	13	0
CONTIG-049169	147	10	6	22	0
CONTIG-049170	250	11	16	106	0
CONTIG-049171	627	46	20	1781	0
CONTIG-049172	83	10	2	19	0
CONTIG-049178	105	4	2	10	0
CONTIG-049179	491	12	34	197	2
CONTIG-049180	227	10	5	84	4
CONTIG-049181	83	3	3	6	2
CONTIG-049182	137	12	8	15	0
CONTIG-049184	216	7	5	49	4
CONTIG-049185	59	10	2	0	0
CONTIG-049186	58	15	13	38	0
CONTIG-049187	98	6	5	7	0
CONTIG-049188	211	20	3	131	0
CONTIG-049189	202	7	10	36	0
CONTIG-049190	77	3	0	2	0
CONTIG-049191	59	6	17	6	0
CONTIG-049192	92	8	13	21	0
CONTIG-049193	219	5	8	29	0
CONTIG-049194	61	24	7	26	0
CONTIG-049195	495	15	85	120	6
CONTIG-049196	422	8	4	119	0
CONTIG-049197	80	9	22	8	0
CONTIG-049198	196	9	16	44	0
CONTIG-049205	155	12	53	38	0
CONTIG-049206	78	4	2	8	0
CONTIG-049207	36	958	2	1511	16
CONTIG-049208	245	8	6	27	0
CONTIG-049209	80	9	19	0	0
CONTIG-049210	86	6	8	14	0

CONTIG-049211	107	5	8	18	0
CONTIG-049214	195	9	0	3	0
CONTIG-049215	106	8	2	28	0
CONTIG-049216	515	15	48	157	4
CONTIG-049219	271	6	21	23	0
CONTIG-049220	67	9	43	0	0
CONTIG-049221	69	9	3	18	0
CONTIG-049222	116	9	15	35	2
CONTIG-049223	206	7	0	7	0
CONTIG-049224	103	4	3	10	0
CONTIG-049225	79	6	2	0	0
CONTIG-049226	70	5	2	8	0
CONTIG-049227	89	4	7	10	0
CONTIG-049228	158	5	13	12	0
CONTIG-049229	867	19	769	399	0
CONTIG-049230	150	11	15	47	0
CONTIG-049231	96	9	6	20	2
CONTIG-049232	108	10	0	54	2
CONTIG-049233	72	8	9	13	0
CONTIG-049234	966	28	98	1145	6
CONTIG-049235	160	9	10	13	0
CONTIG-049236	354	7	16	81	0
CONTIG-049237	63	4	13	0	0
CONTIG-049238	61	12	17	0	0
CONTIG-049239	248	15	11	35	0
CONTIG-049240	225	7	12	37	0
CONTIG-049241	93	6	2	12	0
CONTIG-049243	73	3	5	9	0
CONTIG-049244	60	20	11	21	0
CONTIG-049245	67	8	6	4	0
CONTIG-049246	109	8	0	36	0
CONTIG-049247	90	3	14	3	0
CONTIG-049249	60	4	2	13	0
CONTIG-049250	70	8	14	15	0
CONTIG-049251	206	4	10	0	0
CONTIG-049253	124	4	0	9	0
CONTIG-049254	431	24	12	439	6
CONTIG-049255	165	13	27	46	0
CONTIG-049259	353	13	17	141	0
CONTIG-049261	88	3	8	0	0
CONTIG-049262	78	5	0	7	0
CONTIG-049263	72	3	2	0	0
CONTIG-049264	96	13	20	38	0
CONTIG-049266	191	15	38	31	0
CONTIG-049267	84	6	5	16	0
CONTIG-049268	112	8	14	30	0
CONTIG-049269	508	11	15	108	0

CONTIG-049270	81	4	6	6	0
CONTIG-049271	83	5	7	8	0
CONTIG-049272	251	9	15	35	0
CONTIG-049273	143	5	9	16	0
CONTIG-049274	105	8	10	14	0
CONTIG-049277	61	7	8	14	0
CONTIG-049278	68	5	9	4	0
CONTIG-049279	76	6	2	9	0
CONTIG-049280	224	7	17	64	0
CONTIG-049281	208	8	25	57	0
CONTIG-049282	78	6	18	14	0
CONTIG-049283	76	3	7	0	0
CONTIG-049284	462	18	16	51	0
CONTIG-049285	112	7	13	32	0
CONTIG-049286	144	6	0	25	0
CONTIG-049287	206	10	9	26	2
CONTIG-049288	69	236	59	590	2
CONTIG-049289	120	8	10	10	0
CONTIG-049290	188	44	45	307	3
CONTIG-049291	194	9	2	58	0
CONTIG-049292	60	8	3	0	0
CONTIG-049293	80	295	199	1077	2
CONTIG-049294	79	5	3	6	0
CONTIG-049295	70	4	2	2	0
CONTIG-049296	145	10	5	30	0
CONTIG-049297	88	4	5	8	0
CONTIG-049298	163	6	8	37	0
CONTIG-049299	509	18	3	32	2
CONTIG-049300	58	5	12	2	0
CONTIG-049301	152	10	0	41	0
CONTIG-049302	236	9	28	61	0
CONTIG-049304	214	15	14	83	4
CONTIG-049305	968	21	5	0	103
CONTIG-049306	59	7	6	2	0
CONTIG-049307	103	6	11	11	0
CONTIG-049308	63	13	4	6	0
CONTIG-049309	195	20	18	192	4
CONTIG-049310	69	10	3	30	0
CONTIG-049311	366	14	21	181	2
CONTIG-049312	348	11	2	161	2
CONTIG-049323	169	19	10	175	0
CONTIG-049324	306	13	14	102	6
CONTIG-049325	111	10	0	28	0
CONTIG-049326	66	4	6	3	0
CONTIG-049327	75	117	31	305	0
CONTIG-049328	126	11	28	25	0
CONTIG-049329	85	7	2	25	0

CONTIG-049330	109	5	2	0	0
CONTIG-049331	42	158	18	52	0
CONTIG-049332	166	8	0	33	0
CONTIG-049333	71	5	4	0	0
CONTIG-049334	270	18	19	158	6
CONTIG-049335	157	6	5	19	0
CONTIG-049336	85	10	6	30	0
CONTIG-049337	97	4	15	11	0
CONTIG-049338	347	14	42	139	2
CONTIG-049339	78	6	2	11	0
CONTIG-049340	89	6	2	6	0
CONTIG-049341	301	7	18	69	0
CONTIG-049342	101	9	6	17	2
CONTIG-049343	246	17	3	0	13
CONTIG-049346	126	8	17	24	0
CONTIG-049347	81	4	5	5	0
CONTIG-049348	158	5	14	6	0
CONTIG-049350	86	2	0	2	0
CONTIG-049351	158	5	5	15	0
CONTIG-049352	361	11	18	125	6
CONTIG-049353	132	10	7	31	0
CONTIG-049354	147	10	5	49	0
CONTIG-049355	230	10	17	95	2
CONTIG-049356	536	11	0	0	2
CONTIG-049357	96	6	28	0	0
CONTIG-049358	72	15	18	28	0
CONTIG-049359	92	13	30	13	0
CONTIG-049360	99	42	12	112	0
CONTIG-049362	243	8	8	39	2
CONTIG-049363	96	14	6	56	0
CONTIG-049364	123	12	10	44	0
CONTIG-049365	276	6	5	55	0
CONTIG-049366	90	8	34	13	0
CONTIG-049367	224	12	25	99	0
CONTIG-049368	427	14	36	235	0
CONTIG-049369	87	13	4	0	7
CONTIG-049370	285	25	35	292	4
CONTIG-049371	61	9	0	22	0
CONTIG-049372	353	16	33	168	2
CONTIG-049373	42	100	0	81	0
CONTIG-049376	164	10	55	40	0
CONTIG-049377	125	5	3	21	0
CONTIG-049380	120	5	10	4	0
CONTIG-049381	70	5	6	7	0
CONTIG-049382	103	11	18	36	0
CONTIG-049383	64	5	8	5	0
CONTIG-049384	168	12	8	28	0

CONTIG-049389	365	10	10	130	0
CONTIG-049390	62	6	0	17	0
CONTIG-049391	801	42	13	1754	0
CONTIG-049393	59	15	12	15	0
CONTIG-049394	189	7	7	37	2
CONTIG-049395	137	445	85	1978	0
CONTIG-049396	128	21	51	89	0
CONTIG-049397	235	12	11	98	0
CONTIG-049404	68	7	10	5	0
CONTIG-049405	244	14	6	0	24
CONTIG-049409	220	5	0	41	0
CONTIG-049410	167	6	3	29	0
CONTIG-049411	146	7	11	30	0
CONTIG-049412	191	11	12	51	0
CONTIG-049413	345	26	57	207	0
CONTIG-049414	244	15	44	53	0
CONTIG-049415	566	15	45	339	0
CONTIG-049416	223	5	6	28	0
CONTIG-049422	138	12	2	0	0
CONTIG-049423	278	8	26	66	0
CONTIG-049424	64	3	4	4	0
CONTIG-049425	104	9	10	45	0
CONTIG-049426	503	14	33	285	0
CONTIG-049427	434	14	24	195	5
CONTIG-049428	323	32	72	178	21
CONTIG-049431	64	4	13	2	0
CONTIG-049432	63	65	9	212	0
CONTIG-049433	445	22	6	0	10
CONTIG-049434	73	4	4	6	0
CONTIG-049435	183	12	111	47	0
CONTIG-049436	259	21	0	42	0
CONTIG-049437	194	10	12	52	0
CONTIG-049440	95	8	18	11	0
CONTIG-049441	97	17	47	2	0
CONTIG-049442	143	159	8	0	100
CONTIG-049443	297	13	18	117	0
CONTIG-049444	63	4	6	5	0
CONTIG-049445	392	8	25	96	0
CONTIG-049446	149	5	3	24	0
CONTIG-049447	59	7	6	9	0
CONTIG-049448	183	10	7	67	0
CONTIG-049449	153	4	4	6	0
CONTIG-049450	272	16	15	178	0
CONTIG-049451	97	4	4	7	0
CONTIG-049452	146	9	15	35	0
CONTIG-049453	151	7	8	27	0
CONTIG-049454	166	9	23	20	0

CONTIG-049455	80	5	0	14	0
CONTIG-049456	198	7	39	33	0
CONTIG-049458	471	13	71	266	0
CONTIG-049459	449	12	14	275	0
CONTIG-049460	228	37	41	79	4
CONTIG-049461	60	5	6	3	0
CONTIG-049463	310	17	6	254	3
CONTIG-049464	182	9	8	41	0
CONTIG-049465	63	16	7	39	0
CONTIG-049466	352	8	7	46	0
CONTIG-049467	156	6	8	30	0
CONTIG-049469	85	18	0	0	8
CONTIG-049470	63	10	4	11	0
CONTIG-049471	120	16	32	13	0
CONTIG-049472	169	13	34	71	0
CONTIG-049473	66	7	4	16	0
CONTIG-049474	240	8	12	62	0
CONTIG-049475	222	6	27	35	0
CONTIG-049476	211	6	7	30	0
CONTIG-049478	135	17	21	67	0
CONTIG-049479	78	3	6	4	0
CONTIG-049480	43	32	0	29	0
CONTIG-049481	51	67	0	84	0
CONTIG-049482	156	5	12	16	0
CONTIG-049483	236	18	6	8	0
CONTIG-049484	86	5	4	7	0
CONTIG-049489	133	6	4	28	0
CONTIG-049490	109	3	3	11	0
CONTIG-049491	147	20	25	48	0
CONTIG-049492	172	11	7	46	0
CONTIG-049493	110	7	4	38	0
CONTIG-049494	177	28	57	111	5
CONTIG-049495	64	13	0	0	2
CONTIG-049496	92	6	3	15	0
CONTIG-049498	336	8	6	110	0
CONTIG-049499	562	11	22	209	2
CONTIG-049500	477	14	5	259	0
CONTIG-049501	412	25	98	213	16
CONTIG-049502	63	5	2	7	0
CONTIG-049503	196	9	38	34	0
CONTIG-049505	66	5	2	10	0
CONTIG-049507	771	13	19	116	0
CONTIG-049508	310	9	4	74	0
CONTIG-049509	209	11	18	100	0
CONTIG-049510	87	5	0	7	0
CONTIG-049512	210	4	13	7	0
CONTIG-049513	539	9	2	149	2

CONTIG-049514	68	9	2	25	0
CONTIG-049515	168	27	13	110	3
CONTIG-049516	152	8	4	43	0
CONTIG-049517	92	21	10	28	0
CONTIG-049518	156	7	21	22	0
CONTIG-049521	259	11	19	34	0
CONTIG-049522	208	9	15	69	0
CONTIG-049523	233	15	15	134	0
CONTIG-049525	161	3	3	0	2
CONTIG-049526	59	7	20	0	0
CONTIG-049527	91	14	44	24	0
CONTIG-049528	131	13	24	35	0
CONTIG-049529	355	24	9	384	6
CONTIG-049530	98	10	13	35	0
CONTIG-049531	136	3	5	0	2
CONTIG-049532	768	16	10	157	15
CONTIG-049534	66	4	13	2	0
CONTIG-049535	103	9	6	13	0
CONTIG-049538	61	2	0	0	0
CONTIG-049539	270	14	32	133	0
CONTIG-049540	168	5	0	21	0
CONTIG-049542	237	8	11	27	0
CONTIG-049543	84	7	16	15	0
CONTIG-049544	64	4	0	12	0
CONTIG-049545	477	12	15	203	0
CONTIG-049546	122	7	10	22	2
CONTIG-049547	74	7	3	7	2
CONTIG-049548	411	13	52	103	0
CONTIG-049549	136	222	15	41	0
CONTIG-049550	818	11	8	109	0
CONTIG-049551	302	18	32	90	8
CONTIG-049552	284	13	0	0	20
CONTIG-049553	100	7	2	18	0
CONTIG-049554	76	16	16	43	0
CONTIG-049555	284	8	22	107	0
CONTIG-049556	326	12	52	80	0
CONTIG-049557	131	18	7	96	3
CONTIG-049558	83	6	2	17	0
CONTIG-049559	109	5	2	11	0
CONTIG-049560	116	4	22	0	0
CONTIG-049561	112	6	17	23	0
CONTIG-049562	223	6	10	45	0
CONTIG-049563	152	15	29	75	0
CONTIG-049564	372	33	18	570	0
CONTIG-049565	96	9	8	18	0
CONTIG-049566	130	9	5	57	0
CONTIG-049567	92	14	86	16	0

CONTIG-049568	307	71	12	0	219
CONTIG-049569	307	7	42	60	0
CONTIG-049570	64	6	12	7	0
CONTIG-049571	156	19	19	62	0
CONTIG-049572	184	13	5	85	0
CONTIG-049573	60	7	3	12	0
CONTIG-049576	39	86	29	122	2
CONTIG-049577	111	7	4	16	0
CONTIG-049578	92	7	10	19	0
CONTIG-049579	57	40	4	39	0
CONTIG-049580	374	6	31	44	0
CONTIG-049581	77	4	2	9	0
CONTIG-049582	73	6	4	0	0
CONTIG-049583	65	186	4	260	0
CONTIG-049584	122	5	10	9	0
CONTIG-049585	571	12	29	162	4
CONTIG-049586	71	2	2	4	0
CONTIG-049587	158	11	20	31	0
CONTIG-049588	120	4	6	11	0
CONTIG-049589	242	6	25	46	0
CONTIG-049590	193	8	22	43	0
CONTIG-049591	274	10	15	107	0
CONTIG-049592	62	6	0	6	0
CONTIG-049593	258	12	34	52	2
CONTIG-049594	89	6	0	14	0
CONTIG-049599	65	6	4	8	0
CONTIG-049602	134	19	21	76	0
CONTIG-049603	108	24	33	58	2
CONTIG-049604	394	38	20	538	24
CONTIG-049608	185	9	3	69	0
CONTIG-049609	342	21	0	417	0
CONTIG-049610	331	15	38	199	3
CONTIG-049611	129	7	14	21	0
CONTIG-049612	56	102	6	102	0
CONTIG-049613	158	8	8	43	0
CONTIG-049614	73	5	2	6	0
CONTIG-049615	167	7	25	19	0
CONTIG-049616	156	8	5	39	0
CONTIG-049617	69	7	2	14	0
CONTIG-049618	372	12	41	103	0
CONTIG-049619	86	3	8	4	0
CONTIG-049620	318	10	11	130	0
CONTIG-049621	77	19	31	2	0
CONTIG-049622	93	41	18	45	0
CONTIG-049623	122	6	2	10	0
CONTIG-049624	72	5	10	5	0
CONTIG-049626	211	9	5	77	0

CONTIG-049627	350	17	96	124	0
CONTIG-049628	87	6	8	13	0
CONTIG-049629	139	3	0	2	0
CONTIG-049630	126	12	22	42	0
CONTIG-049632	219	10	4	61	4
CONTIG-049633	53	21	2	45	0
CONTIG-049634	586	26	181	261	2
CONTIG-049635	81	8	0	8	0
CONTIG-049636	149	6	8	17	0
CONTIG-049637	298	17	40	176	2
CONTIG-049639	395	36	37	368	8
CONTIG-049640	232	7	4	59	0
CONTIG-049641	72	7	3	0	0
CONTIG-049642	96	10	30	29	0
CONTIG-049643	275	26	13	328	4
CONTIG-049644	304	10	15	97	0
CONTIG-049645	143	4	3	14	0
CONTIG-049646	458	124	20	2	935
CONTIG-049647	141	6	17	26	0
CONTIG-049648	179	4	0	18	0
CONTIG-049650	237	13	10	69	4
CONTIG-049651	144	20	5	135	0
CONTIG-049652	219	7	11	26	0
CONTIG-049653	270	21	32	163	2
CONTIG-049654	89	14	20	0	0
CONTIG-049655	111	5	7	7	0
CONTIG-049656	70	8	11	2	0
CONTIG-049657	117	12	26	26	0
CONTIG-049658	90	8	16	0	0
CONTIG-049659	73	34	5	101	0
CONTIG-049662	148	9	2	18	0
CONTIG-049663	147	8	5	25	0
CONTIG-049666	526	19	0	0	78
CONTIG-049668	82	13	17	27	0
CONTIG-049669	269	8	6	59	0
CONTIG-049670	399	12	28	112	3
CONTIG-049671	60	5	2	6	0
CONTIG-049672	179	6	7	35	0
CONTIG-049673	59	3	2	0	0
CONTIG-049674	74	4	2	8	0
CONTIG-049675	99	6	6	23	0
CONTIG-049676	231	31	0	0	52
CONTIG-049679	222	8	7	41	0
CONTIG-049680	90	5	7	7	0
CONTIG-049681	483	21	24	362	9
CONTIG-049682	906	18	93	369	4
CONTIG-049683	154	8	2	46	0

CONTIG-049684	340	11	5	189	0
CONTIG-049685	189	7	4	50	2
CONTIG-049688	102	7	27	16	0
CONTIG-049690	175	11	22	26	0
CONTIG-049691	54	183	16	2	0
CONTIG-049692	387	8	26	67	2
CONTIG-049693	479	15	4	0	22
CONTIG-049694	74	4	15	2	0
CONTIG-049695	405	10	13	176	2
CONTIG-049696	475	11	26	211	0
CONTIG-049697	82	7	11	10	0
CONTIG-049698	89	47	42	82	10
CONTIG-049699	64	8	5	8	0
CONTIG-049700	121	6	7	21	0
CONTIG-049701	85	4	6	5	0
CONTIG-049702	198	7	5	40	0
CONTIG-049703	102	6	24	13	0
CONTIG-049704	246	7	20	31	0
CONTIG-049705	477	8	11	120	0
CONTIG-049706	82	5	9	11	0
CONTIG-049707	153	4	19	2	0
CONTIG-049708	121	9	8	15	0
CONTIG-049709	104	5	6	8	0
CONTIG-049711	110	5	0	19	0
CONTIG-049712	73	11	42	2	0
CONTIG-049713	58	8	3	14	0
CONTIG-049714	68	7	4	21	0
CONTIG-049715	188	8	4	53	0
CONTIG-049716	76	5	5	13	0
CONTIG-049717	110	3	3	10	0
CONTIG-049718	66	10	3	18	2
CONTIG-049720	95	8	7	18	0
CONTIG-049721	199	6	25	19	0
CONTIG-049722	123	22	2	117	0
CONTIG-049723	129	9	4	40	0
CONTIG-049724	91	9	0	20	0
CONTIG-049725	244	12	7	97	2
CONTIG-049726	270	7	8	78	0
CONTIG-049727	72	13	14	19	0
CONTIG-049728	104	13	17	30	0
CONTIG-049729	431	21	21	396	0
CONTIG-049730	169	5	8	17	0
CONTIG-049731	309	13	18	154	0
CONTIG-049732	82	7	17	0	0
CONTIG-049733	172	28	25	174	2
CONTIG-049734	62	3	0	0	0
CONTIG-049735	199	10	18	46	0

CONTIG-049736	137	19	0	135	0
CONTIG-049737	127	7	5	15	0
CONTIG-049738	259	8	5	0	0
CONTIG-049739	149	5	2	28	0
CONTIG-049740	264	16	9	128	0
CONTIG-049741	73	6	4	17	0
CONTIG-049745	134	12	0	58	0
CONTIG-049746	135	12	2	40	2
CONTIG-049747	142	8	0	34	0
CONTIG-049748	131	6	17	18	0
CONTIG-049749	204	9	12	57	4
CONTIG-049750	157	4	9	12	0
CONTIG-049752	163	10	20	32	0
CONTIG-049753	287	16	8	192	0
CONTIG-049756	127	6	7	13	0
CONTIG-049757	66	4	6	14	0
CONTIG-049758	96	6	11	8	0
CONTIG-049759	96	11	5	29	0
CONTIG-049760	238	6	12	27	0
CONTIG-049761	172	5	2	36	0
CONTIG-049762	85	4	0	13	0
CONTIG-049763	65	2	3	0	0
CONTIG-049764	191	200	37	188	0
CONTIG-049765	65	10	0	23	0
CONTIG-049766	140	7	5	47	0
CONTIG-049767	177	7	12	45	0
CONTIG-049768	239	17	47	144	4
CONTIG-049769	226	12	14	68	0
CONTIG-049770	197	6	2	40	0
CONTIG-049771	71	5	4	13	0
CONTIG-049772	145	34	0	320	0
CONTIG-049773	380	10	6	18	0
CONTIG-049774	195	5	8	28	0
CONTIG-049775	180	12	21	89	0
CONTIG-049776	204	8	6	38	0
CONTIG-049778	67	3	0	5	0
CONTIG-049779	110	6	22	10	0
CONTIG-049780	466	9	7	25	0
CONTIG-049781	162	52	29	277	0
CONTIG-049782	87	17	29	47	0
CONTIG-049783	69	3	2	8	0
CONTIG-049784	311	13	17	73	4
CONTIG-049785	78	5	12	4	0
CONTIG-049786	89	7	4	19	2
CONTIG-049787	58	7	15	4	0
CONTIG-049788	287	14	6	62	0
CONTIG-049791	225	16	77	67	0

CONTIG-049792	65	18	5	35	0
CONTIG-049793	233	10	13	104	0
CONTIG-049794	580	15	31	24	51
CONTIG-049795	208	42	54	406	0
CONTIG-049796	58	5	2	8	0
CONTIG-049798	889	42	4	0	151
CONTIG-049799	266	57	23	881	0
CONTIG-049800	72	6	12	11	0
CONTIG-049801	227	20	29	132	0
CONTIG-049802	71	4	4	0	0
CONTIG-049803	72	14	7	37	0
CONTIG-049805	107	15	13	45	4
CONTIG-049809	284	7	2	41	0
CONTIG-049810	83	13	20	44	0
CONTIG-049811	63	3	3	2	0
CONTIG-049812	373	7	7	98	0
CONTIG-049813	66	4	2	0	0
CONTIG-049815	72	7	6	19	0
CONTIG-049816	101	19	21	38	2
CONTIG-049817	142	7	5	25	0
CONTIG-049818	166	5	4	20	0
CONTIG-049820	554	29	15	879	0
CONTIG-049821	198	6	0	25	2
CONTIG-049822	85	8	0	26	0
CONTIG-049823	157	8	7	30	0
CONTIG-049824	128	10	5	58	0
CONTIG-049825	154	8	2	31	0
CONTIG-049826	118	6	8	31	0
CONTIG-049828	370	26	32	283	15
CONTIG-049829	247	7	26	42	0
CONTIG-049831	214	12	18	49	0
CONTIG-049832	194	7	10	34	0
CONTIG-049833	107	7	0	14	3
CONTIG-049834	102	4	0	5	0
CONTIG-049835	84	6	4	0	0
CONTIG-049836	181	6	21	29	0
CONTIG-049837	228	14	39	95	0
CONTIG-049838	130	5	0	27	0
CONTIG-049839	122	12	42	36	0
CONTIG-049840	91	6	5	16	0
CONTIG-049841	77	8	3	31	0
CONTIG-049842	92	6	5	11	0
CONTIG-049843	481	19	29	330	0
CONTIG-049844	114	10	3	44	0
CONTIG-049851	255	6	5	42	0
CONTIG-049852	83	2	2	0	0
CONTIG-049853	56	117	4	249	0

CONTIG-049854	198	8	7	48	0
CONTIG-049856	202	16	23	51	0
CONTIG-049857	166	10	22	19	0
CONTIG-049858	729	162	23	271	0
CONTIG-049859	69	31	9	13	0
CONTIG-049861	178	20	65	145	0
CONTIG-049862	272	11	19	86	0
CONTIG-049863	264	5	9	33	0
CONTIG-049864	800	37	11	1878	0
CONTIG-049865	73	5	7	11	0
CONTIG-049866	189	9	20	41	0
CONTIG-049867	78	8	11	7	0
CONTIG-049873	321	7	23	65	0
CONTIG-049874	344	6	12	28	0
CONTIG-049875	92	6	4	9	0
CONTIG-049876	151	8	14	32	0
CONTIG-049877	83	8	4	16	0
CONTIG-049878	58	4	3	6	0
CONTIG-049879	837	13	17	344	4
CONTIG-049881	185	5	6	20	0
CONTIG-049882	352	9	10	93	0
CONTIG-049883	603	21	97	210	8
CONTIG-049884	296	5	4	30	0
CONTIG-049885	185	9	8	41	0
CONTIG-049889	92	6	3	4	0
CONTIG-049890	177	36	18	245	0
CONTIG-049891	83	8	0	4	0
CONTIG-049892	118	13	6	58	0
CONTIG-049893	212	5	4	19	0
CONTIG-049894	134	24	32	140	0
CONTIG-049895	85	3	3	7	0
CONTIG-049896	183	6	11	18	0
CONTIG-049897	138	5	2	14	0
CONTIG-049898	117	15	2	11	13
CONTIG-049899	139	23	20	23	0
CONTIG-049901	74	4	2	8	0
CONTIG-049903	72	5	12	0	0
CONTIG-049904	238	14	20	157	0
CONTIG-049905	130	6	5	21	0
CONTIG-049906	227	8	8	48	0
CONTIG-049908	77	3	0	4	0
CONTIG-049909	37	13	13	7	0
CONTIG-049910	166	7	2	34	0
CONTIG-049916	63	5	0	10	0
CONTIG-049917	98	3	3	4	0
CONTIG-049920	99	9	20	11	0
CONTIG-049921	71	3	0	2	2

CONTIG-049922	71	8	7	12	0
CONTIG-049923	240	15	34	97	0
CONTIG-049924	192	9	22	35	0
CONTIG-049925	273	7	18	50	0
CONTIG-049926	150	9	9	49	0
CONTIG-049927	105	4	4	14	0
CONTIG-049929	220	9	13	79	0
CONTIG-049930	417	13	2	232	0
CONTIG-049931	116	10	11	28	4
CONTIG-049932	74	8	10	3	0
CONTIG-049933	135	4	4	22	0
CONTIG-049934	426	21	30	261	0
CONTIG-049936	113	8	2	42	0
CONTIG-049937	167	11	10	85	0
CONTIG-049938	398	16	9	228	0
CONTIG-049939	791	25	29	1004	0
CONTIG-049940	70	7	5	0	0
CONTIG-049941	89	4	11	7	0
CONTIG-049942	80	3	0	7	0
CONTIG-049943	108	6	7	15	0
CONTIG-049944	190	13	16	69	0
CONTIG-049945	38	77	14	49	0
CONTIG-049947	149	5	14	16	0
CONTIG-049948	82	5	4	4	0
CONTIG-049949	134	8	2	16	0
CONTIG-049950	124	4	3	15	0
CONTIG-049951	94	3	0	4	0
CONTIG-049954	122	11	25	32	0
CONTIG-049955	133	33	18	129	33
CONTIG-049956	436	13	19	165	2
CONTIG-049957	80	9	7	24	0
CONTIG-049958	59	5	0	12	0
CONTIG-049959	58	9	5	10	0
CONTIG-049960	128	10	7	51	0
CONTIG-049961	102	7	0	16	0
CONTIG-049962	124	7	12	13	0
CONTIG-049963	94	7	9	8	0
CONTIG-049964	58	4	4	0	0
CONTIG-049965	556	11	9	101	4
CONTIG-049969	103	9	0	36	0
CONTIG-049970	306	8	34	66	0
CONTIG-049971	64	4	0	11	0
CONTIG-049973	85	12	41	24	0
CONTIG-049974	165	8	9	26	0
CONTIG-049975	75	5	4	2	0
CONTIG-049976	150	9	10	29	0
CONTIG-049977	59	6	3	9	0

CONTIG-049978	63	6	21	6	0
CONTIG-049979	394	13	31	113	2
CONTIG-049980	98	9	12	38	0
CONTIG-049981	85	17	3	2	0
CONTIG-049982	78	10	0	9	0
CONTIG-049983	63	11	0	6	0
CONTIG-049984	164	11	89	33	0
CONTIG-049985	98	6	3	9	0
CONTIG-049987	103	12	2	36	0
CONTIG-049988	68	6	4	7	0
CONTIG-049990	124	4	19	12	0
CONTIG-049991	221	10	4	69	0
CONTIG-049992	151	6	3	17	0
CONTIG-049993	65	8	0	21	0
CONTIG-049994	94	13	5	35	0
CONTIG-049995	484	8	32	90	0
CONTIG-049996	158	7	2	8	0
CONTIG-049998	134	12	19	36	0
CONTIG-050000	201	5	3	21	0
CONTIG-050001	305	10	8	93	0
CONTIG-050002	71	7	7	13	0
CONTIG-050003	104	6	6	6	0
CONTIG-050004	108	8	24	18	0
CONTIG-050006	145	13	23	37	0
CONTIG-050007	82	7	8	11	0
CONTIG-050008	146	5	10	19	0
CONTIG-050010	52	43	0	23	0
CONTIG-050011	74	8	2	28	0
CONTIG-050012	119	6	0	13	0
CONTIG-050013	70	7	21	3	0
CONTIG-050014	221	18	8	118	0
CONTIG-050015	78	3	0	7	0
CONTIG-050016	87	4	24	0	0
CONTIG-050017	178	9	3	45	2
CONTIG-050018	100	62	12	159	23
CONTIG-050019	129	8	10	30	0
CONTIG-050021	362	15	62	95	2
CONTIG-050023	194	10	27	68	0
CONTIG-050024	88	5	6	0	0
CONTIG-050025	123	6	0	4	0
CONTIG-050026	178	8	8	60	2
CONTIG-050027	482	13	17	219	6
CONTIG-050028	100	3	6	0	0
CONTIG-050029	115	13	10	41	0
CONTIG-050030	168	6	2	31	0
CONTIG-050031	236	7	4	26	2
CONTIG-050032	76	15	51	6	0

CONTIG-050034	332	6	21	44	0
CONTIG-050035	71	8	2	6	0
CONTIG-050036	171	46	44	297	0
CONTIG-050037	167	15	23	74	0
CONTIG-050039	195	8	15	38	0
CONTIG-050040	512	19	35	261	6
CONTIG-050041	195	5	11	38	0
CONTIG-050043	269	17	33	87	5
CONTIG-050044	181	11	0	75	2
CONTIG-050045	139	8	29	16	2
CONTIG-050046	90	6	26	0	2
CONTIG-050047	700	22	103	502	4
CONTIG-050048	184	6	0	28	0
CONTIG-050051	207	5	4	14	0
CONTIG-050052	110	9	4	34	0
CONTIG-050053	104	15	7	74	0
CONTIG-050054	254	8	22	46	0
CONTIG-050055	108	6	2	19	0
CONTIG-050056	294	11	41	71	0
CONTIG-050057	88	7	11	16	0
CONTIG-050058	64	3	0	10	0
CONTIG-050059	471	11	6	229	0
CONTIG-050060	62	5	12	4	0
CONTIG-050061	442	20	0	0	29
CONTIG-050062	86	10	12	4	0
CONTIG-050063	219	10	4	76	0
CONTIG-050064	159	7	7	10	0
CONTIG-050065	53	12	2	0	0
CONTIG-050066	77	9	9	17	0
CONTIG-050067	160	5	2	0	0
CONTIG-050068	117	5	2	8	0
CONTIG-050069	209	12	16	80	0
CONTIG-050070	312	7	14	50	0
CONTIG-050071	206	7	0	41	2
CONTIG-050072	252	25	8	254	4
CONTIG-050073	405	10	44	110	0
CONTIG-050074	63	8	18	4	0
CONTIG-050075	378	18	19	221	0
CONTIG-050076	131	10	32	7	0
CONTIG-050077	145	22	62	144	0
CONTIG-050078	145	7	10	28	0
CONTIG-050079	95	9	7	15	0
CONTIG-050080	470	16	16	208	2
CONTIG-050081	74	3	10	2	0
CONTIG-050082	346	14	7	198	0
CONTIG-050083	38	21	20	16	0
CONTIG-050084	309	21	38	109	8

CONTIG-050087	134	10	25	36	0
CONTIG-050088	132	5	21	15	0
CONTIG-050089	381	87	0	0	348
CONTIG-050090	210	9	26	65	0
CONTIG-050091	151	6	10	9	0
CONTIG-050092	366	23	46	253	4
CONTIG-050093	78	4	5	10	0
CONTIG-050094	68	2	0	4	0
CONTIG-050095	402	14	27	160	8
CONTIG-050096	233	7	5	38	0
CONTIG-050097	83	5	2	21	0
CONTIG-050098	126	13	80	13	0
CONTIG-050099	271	6	0	48	0
CONTIG-050100	267	6	27	42	0
CONTIG-050101	183	12	4	77	0
CONTIG-050102	340	6	11	59	0
CONTIG-050103	228	13	13	127	0
CONTIG-050104	58	15	17	0	0
CONTIG-050105	69	7	8	6	0
CONTIG-050106	197	11	10	82	0
CONTIG-050107	75	3	0	0	0
CONTIG-050112	59	78	122	49	0
CONTIG-050113	446	8	16	92	0
CONTIG-050114	1648	20	27	1945	0
CONTIG-050115	65	8	10	17	0
CONTIG-050116	72	3	3	2	0
CONTIG-050118	70	5	5	8	0
CONTIG-050119	104	10	3	29	0
CONTIG-050120	60	58	28	83	2
CONTIG-050122	103	8	14	17	0
CONTIG-050123	70	5	11	8	0
CONTIG-050124	96	5	9	10	0
CONTIG-050126	219	9	15	33	0
CONTIG-050127	273	9	27	71	3
CONTIG-050129	96	6	3	24	0
CONTIG-050130	307	13	12	147	2
CONTIG-050131	334	9	5	22	0
CONTIG-050132	136	13	11	72	0
CONTIG-050133	80	5	0	8	0
CONTIG-050135	65	4	2	6	0
CONTIG-050136	302	10	12	146	0
CONTIG-050137	267	9	17	75	0
CONTIG-050138	64	3	6	0	0
CONTIG-050139	77	15	6	19	0
CONTIG-050141	102	5	11	12	0
CONTIG-050142	60	6	3	6	0
CONTIG-050145	64	5	0	8	0

CONTIG-050146	224	5	19	8	0
CONTIG-050147	152	11	16	63	0
CONTIG-050148	249	8	27	48	0
CONTIG-050149	79	3	6	5	0
CONTIG-050150	149	7	16	30	0
CONTIG-050151	137	4	0	20	0
CONTIG-050152	80	6	5	9	0
CONTIG-050153	323	15	18	148	4
CONTIG-050154	119	8	20	24	0
CONTIG-050155	75	3	0	6	0
CONTIG-050156	204	9	20	38	0
CONTIG-050157	192	8	17	53	0
CONTIG-050158	82	7	27	7	0
CONTIG-050159	1110	36	62	1461	53
CONTIG-050162	238	12	39	70	2
CONTIG-050163	464	10	15	168	2
CONTIG-050164	59	6	3	12	0
CONTIG-050165	49	225	21	267	26
CONTIG-050166	187	12	44	57	0
CONTIG-050167	281	10	87	76	0
CONTIG-050168	84	12	5	45	0
CONTIG-050169	190	7	8	38	0
CONTIG-050170	80	8	23	15	0
CONTIG-050171	835	12	2	0	73
CONTIG-050172	60	4	5	2	0
CONTIG-050173	86	9	6	28	0
CONTIG-050174	113	3	0	14	0
CONTIG-050176	121	5	0	10	0
CONTIG-050177	76	105	38	135	14
CONTIG-050178	72	21	48	2	0
CONTIG-050179	429	10	25	95	4
CONTIG-050180	60	8	4	12	0
CONTIG-050181	334	7	10	60	0
CONTIG-050182	301	27	13	223	0
CONTIG-050183	327	14	30	158	2
CONTIG-050184	98	7	6	11	0
CONTIG-050185	118	9	13	24	0
CONTIG-050186	114	5	2	25	0
CONTIG-050187	228	8	11	44	0
CONTIG-050188	322	5	14	27	0
CONTIG-050189	238	8	15	45	0
CONTIG-050190	143	27	63	140	0
CONTIG-050191	62	4	0	8	0
CONTIG-050192	66	8	3	11	0
CONTIG-050193	85	4	2	4	0
CONTIG-050194	73	4	3	2	0
CONTIG-050195	589	13	13	426	2

CONTIG-050197	71	2	0	0	0
CONTIG-050198	118	8	28	26	0
CONTIG-050199	121	6	6	21	0
CONTIG-050200	191	6	23	24	0
CONTIG-050201	294	7	3	0	7
CONTIG-050202	166	9	11	26	0
CONTIG-050203	422	13	4	197	2
CONTIG-050204	88	15	0	74	0
CONTIG-050205	160	4	0	18	0
CONTIG-050206	98	4	2	3	0
CONTIG-050207	60	3	2	0	0
CONTIG-050208	194	9	0	34	23
CONTIG-050209	59	25	6	19	0
CONTIG-050210	790	35	98	1159	0
CONTIG-050211	116	7	8	25	0
CONTIG-050213	210	9	9	64	0
CONTIG-050214	353	15	0	194	2
CONTIG-050215	248	12	32	97	0
CONTIG-050216	285	19	36	148	6
CONTIG-050217	1093	39	166	1668	4
CONTIG-050218	66	6	11	9	0
CONTIG-050219	281	11	36	105	0
CONTIG-050220	166	5	4	0	0
CONTIG-050221	184	8	2	34	0
CONTIG-050223	151	3	4	10	0
CONTIG-050224	269	10	0	27	0
CONTIG-050225	127	4	2	7	0
CONTIG-050226	164	8	36	27	0
CONTIG-050227	288	10	24	98	0
CONTIG-050228	207	8	4	65	0
CONTIG-050229	326	20	46	267	0
CONTIG-050230	210	7	13	45	0
CONTIG-050231	495	16	21	440	0
CONTIG-050232	251	32	50	298	0
CONTIG-050233	64	3	4	2	0
CONTIG-050234	724	55	40	2447	0
CONTIG-050236	132	8	10	15	0
CONTIG-050237	362	17	35	329	0
CONTIG-050238	166	5	9	16	0
CONTIG-050239	70	11	0	30	0
CONTIG-050240	266	21	12	216	0
CONTIG-050241	427	20	40	247	4
CONTIG-050242	376	15	6	87	0
CONTIG-050243	102	7	8	10	2
CONTIG-050244	73	8	3	0	0
CONTIG-050246	149	4	0	11	0
CONTIG-050247	161	25	41	51	4

CONTIG-050248	81	3	4	6	0
CONTIG-050249	145	3	0	5	0
CONTIG-050250	157	5	6	31	0
CONTIG-050251	324	14	13	114	6
CONTIG-050252	41	11	0	7	0
CONTIG-050253	66	7	15	0	0
CONTIG-050255	61	5	2	7	0
CONTIG-050256	111	13	15	45	0
CONTIG-050257	291	12	9	97	7
CONTIG-050258	88	6	21	5	0
CONTIG-050259	94	6	11	0	0
CONTIG-050260	375	10	22	106	0
CONTIG-050261	119	7	24	7	2
CONTIG-050262	80	3	4	8	0
CONTIG-050264	346	12	6	122	0
CONTIG-050265	112	8	9	11	0
CONTIG-050266	100	10	4	49	0
CONTIG-050267	102	18	28	33	0
CONTIG-050268	127	7	11	23	0
CONTIG-050269	210	40	38	453	0
CONTIG-050270	70	3	0	2	0
CONTIG-050273	69	6	4	21	0
CONTIG-050275	67	9	13	6	0
CONTIG-050276	122	5	8	8	0
CONTIG-050277	159	6	7	24	0
CONTIG-050278	63	13	30	0	0
CONTIG-050279	202	5	19	17	0
CONTIG-050280	311	11	30	127	0
CONTIG-050281	225	12	8	94	0
CONTIG-050282	129	11	66	11	0
CONTIG-050283	281	8	10	75	2
CONTIG-050284	375	16	23	211	0
CONTIG-050285	64	4	17	5	0
CONTIG-050286	107	12	24	46	0
CONTIG-050288	163	17	7	77	0
CONTIG-050289	242	27	10	14	0
CONTIG-050290	117	11	4	26	3
CONTIG-050291	95	9	32	0	0
CONTIG-050292	91	45	3	0	26
CONTIG-050293	41	14	5	11	0
CONTIG-050294	90	3	3	5	0
CONTIG-050295	100	5	28	0	0
CONTIG-050297	129	11	46	20	0
CONTIG-050298	98	7	7	22	0
CONTIG-050299	167	13	37	45	2
CONTIG-050300	299	11	7	140	2
CONTIG-050301	95	7	3	17	0

CONTIG-050302	693	18	42	454	0
CONTIG-050303	198	7	9	37	0
CONTIG-050304	450	9	25	137	0
CONTIG-050305	259	15	2	114	10
CONTIG-050308	89	11	4	49	0
CONTIG-050309	89	19	39	47	0
CONTIG-050310	248	9	10	52	0
CONTIG-050311	65	8	9	18	0
CONTIG-050312	141	4	2	10	0
CONTIG-050313	146	6	5	0	0
CONTIG-050314	94	45	0	0	25
CONTIG-050315	68	5	13	2	0
CONTIG-050316	62	4	8	8	0
CONTIG-050317	321	13	12	163	0
CONTIG-050318	295	12	13	103	2
CONTIG-050319	163	15	35	75	2
CONTIG-050320	817	16	17	521	6
CONTIG-050323	122	10	5	15	0
CONTIG-050324	83	7	6	22	0
CONTIG-050325	134	12	26	35	0
CONTIG-050326	667	27	27	698	19
CONTIG-050327	121	7	11	13	0
CONTIG-050328	146	5	5	13	0
CONTIG-050329	235	19	22	250	0
CONTIG-050330	283	8	26	85	0
CONTIG-050331	82	8	2	18	0
CONTIG-050332	145	16	26	116	0
CONTIG-050333	76	6	4	12	0
CONTIG-050341	183	4	2	14	0
CONTIG-050342	124	4	3	17	0
CONTIG-050343	209	11	12	67	0
CONTIG-050345	101	8	6	29	0
CONTIG-050346	322	15	71	58	6
CONTIG-050347	307	18	4	294	0
CONTIG-050349	199	9	10	63	0
CONTIG-050350	197	8	7	5	0
CONTIG-050351	81	5	9	2	0
CONTIG-050352	97	8	24	9	0
CONTIG-050353	63	6	4	6	0
CONTIG-050354	97	7	17	12	0
CONTIG-050355	92	6	0	17	0
CONTIG-050356	158	8	2	24	0
CONTIG-050357	112	21	9	102	0
CONTIG-050358	108	10	3	26	0
CONTIG-050359	260	9	19	85	0
CONTIG-050360	106	6	12	10	0
CONTIG-050361	100	6	0	0	0

CONTIG-050365	217	8	4	39	0
CONTIG-050366	65	15	12	2	0
CONTIG-050367	104	12	16	2	0
CONTIG-050369	165	10	23	9	0
CONTIG-050370	85	8	2	0	0
CONTIG-050371	342	6	12	46	2
CONTIG-050372	131	6	7	17	0
CONTIG-050373	128	5	7	18	0
CONTIG-050374	71	3	9	2	0
CONTIG-050375	120	37	68	100	0
CONTIG-050376	76	8	20	8	0
CONTIG-050377	68	8	15	12	0
CONTIG-050378	84	5	2	9	0
CONTIG-050379	216	6	10	18	0
CONTIG-050380	59	4	3	6	0
CONTIG-050382	161	14	29	74	3
CONTIG-050383	606	12	33	97	0
CONTIG-050384	427	9	27	112	0
CONTIG-050385	59	8	0	19	0
CONTIG-050387	112	8	0	37	0
CONTIG-050388	134	14	0	80	0
CONTIG-050389	166	8	26	5	0
CONTIG-050390	66	13	6	43	0
CONTIG-050391	99	16	2	48	0
CONTIG-050392	98	5	11	13	0
CONTIG-050393	519	10	18	210	2
CONTIG-050394	49	4	2	2	0
CONTIG-050396	82	5	8	11	0
CONTIG-050397	232	10	20	110	0
CONTIG-050398	106	7	0	21	0
CONTIG-050399	101	51	55	69	0
CONTIG-050400	253	7	32	35	0
CONTIG-050401	112	5	3	16	0
CONTIG-050402	61	5	17	0	0
CONTIG-050403	87	2	0	2	0
CONTIG-050404	123	15	21	19	0
CONTIG-050405	235	6	5	2	0
CONTIG-050406	152	10	4	47	2
CONTIG-050407	108	4	0	10	0
CONTIG-050408	317	6	2	66	0
CONTIG-050409	67	4	6	0	0
CONTIG-050410	108	4	7	7	0
CONTIG-050411	626	11	17	281	0
CONTIG-050412	116	12	10	40	0
CONTIG-050413	94	8	12	10	0
CONTIG-050414	160	27	17	188	0
CONTIG-050415	73	2	2	2	0

CONTIG-050416	101	7	2	24	0
CONTIG-050417	84	4	0	2	0
CONTIG-050418	75	5	13	5	0
CONTIG-050419	115	10	6	43	4
CONTIG-050421	456	14	17	248	0
CONTIG-050422	405	222	2	0	877
CONTIG-050423	155	12	8	96	0
CONTIG-050424	282	11	44	12	0
CONTIG-050425	122	5	22	2	0
CONTIG-050426	285	13	62	62	0
CONTIG-050427	70	5	14	6	0
CONTIG-050428	196	8	15	48	0
CONTIG-050429	128	42	2	4	0
CONTIG-050430	362	11	7	155	0
CONTIG-050431	114	8	18	34	0
CONTIG-050432	193	14	11	137	0
CONTIG-050433	275	11	46	86	0
CONTIG-050434	88	5	6	10	0
CONTIG-050435	140	7	8	23	0
CONTIG-050437	131	5	6	13	0
CONTIG-050438	489	8	17	96	2
CONTIG-050439	177	5	20	19	0
CONTIG-050441	304	8	4	64	2
CONTIG-050442	459	6	18	56	0
CONTIG-050443	161	10	5	66	0
CONTIG-050444	71	8	7	17	0
CONTIG-050447	174	8	8	24	2
CONTIG-050448	122	20	14	70	0
CONTIG-050449	314	11	25	150	0
CONTIG-050450	130	11	7	38	0
CONTIG-050451	145	6	0	20	0
CONTIG-050452	139	49	22	149	0
CONTIG-050453	126	5	7	21	0
CONTIG-050454	92	36	57	117	0
CONTIG-050455	276	19	66	82	0
CONTIG-050456	185	9	14	47	0
CONTIG-050457	171	5	6	22	0
CONTIG-050458	412	17	28	209	3
CONTIG-050461	187	16	37	85	0
CONTIG-050462	138	12	22	35	0
CONTIG-050464	79	22	14	51	0
CONTIG-050465	231	6	4	57	0
CONTIG-050466	281	8	0	69	0
CONTIG-050467	105	5	11	7	0
CONTIG-050468	58	10	4	26	0
CONTIG-050469	74	7	3	11	0
CONTIG-050470	380	10	10	87	0

CONTIG-050471	139	23	0	157	0
CONTIG-050472	59	5	0	11	0
CONTIG-050473	103	15	3	58	0
CONTIG-050474	100	18	43	43	0
CONTIG-050475	178	29	29	173	0
CONTIG-050476	65	13	3	13	0
CONTIG-050477	78	3	0	5	0
CONTIG-050478	101	5	9	12	0
CONTIG-050479	344	14	4	215	0
CONTIG-050480	66	5	0	5	0
CONTIG-050481	62	10	10	15	0
CONTIG-050482	115	13	56	21	0
CONTIG-050483	113	6	2	2	0
CONTIG-050484	218	8	14	29	0
CONTIG-050485	161	5	14	13	2
CONTIG-050486	198	6	4	37	0
CONTIG-050487	39	16	2	9	0
CONTIG-050488	80	6	7	0	0
CONTIG-050489	255	11	13	119	0
CONTIG-050490	67	8	15	0	0
CONTIG-050491	331	24	31	280	0
CONTIG-050492	110	4	6	11	0
CONTIG-050493	100	7	15	18	0
CONTIG-050494	72	9	0	2	0
CONTIG-050495	62	7	4	13	0
CONTIG-050496	186	14	33	59	0
CONTIG-050497	97	73	43	174	15
CONTIG-050498	387	6	22	31	0
CONTIG-050499	48	13	0	0	2
CONTIG-050501	770	32	108	770	37
CONTIG-050502	134	5	16	8	0
CONTIG-050503	64	6	5	8	0
CONTIG-050504	71	6	0	14	0
CONTIG-050505	291	11	36	46	0
CONTIG-050506	91	10	2	29	0
CONTIG-050507	207	8	24	40	0
CONTIG-050508	70	3	4	7	0
CONTIG-050509	144	7	4	27	0
CONTIG-050510	60	3	3	6	0
CONTIG-050511	68	5	5	6	0
CONTIG-050512	148	9	14	26	0
CONTIG-050513	214	12	9	38	0
CONTIG-050514	67	14	7	24	0
CONTIG-050515	220	10	10	111	0
CONTIG-050516	168	21	27	113	2
CONTIG-050517	97	5	7	16	0
CONTIG-050518	112	5	5	0	2

CONTIG-050519	215	9	12	47	2
CONTIG-050520	213	5	5	30	0
CONTIG-050521	178	5	27	15	2
CONTIG-050523	73	6	22	4	0
CONTIG-050524	118	5	12	6	0
CONTIG-050525	215	12	19	83	2
CONTIG-050526	120	81	15	456	0
CONTIG-050527	140	19	20	25	2
CONTIG-050528	143	6	2	26	0
CONTIG-050529	344	13	14	168	5
CONTIG-050530	337	14	2	42	0
CONTIG-050532	203	9	9	57	0
CONTIG-050533	604	10	18	226	0
CONTIG-050534	145	6	11	19	0
CONTIG-050535	80	5	8	2	0
CONTIG-050536	62	35	19	31	2
CONTIG-050537	76	4	14	0	0
CONTIG-050542	133	7	20	3	0
CONTIG-050543	466	12	34	71	2
CONTIG-050545	76	36	5	88	0
CONTIG-050546	138	12	25	38	0
CONTIG-050547	258	18	14	99	11
CONTIG-050548	78	8	3	13	0
CONTIG-050549	293	26	6	0	77
CONTIG-050551	238	15	26	42	0
CONTIG-050552	400	12	18	170	0
CONTIG-050553	256	14	20	109	2
CONTIG-050554	180	8	13	30	0
CONTIG-050555	388	10	10	122	0
CONTIG-050556	102	7	5	18	0
CONTIG-050559	71	6	2	0	0
CONTIG-050560	63	6	2	15	0
CONTIG-050561	69	5	3	8	0
CONTIG-050563	166	6	2	43	0
CONTIG-050564	52	13	27	9	0
CONTIG-050565	62	7	3	16	0
CONTIG-050566	88	12	69	10	0
CONTIG-050567	398	15	41	53	0
CONTIG-050568	61	5	5	9	0
CONTIG-050569	724	29	29	89	0
CONTIG-050570	69	10	51	7	0
CONTIG-050571	64	3	2	4	0
CONTIG-050573	85	684	2	158	0
CONTIG-050576	169	15	10	106	0
CONTIG-050577	115	3	0	0	0
CONTIG-050579	69	4	5	4	0
CONTIG-050580	240	7	7	29	0

CONTIG-050581	93	9	6	25	2
CONTIG-050582	257	9	3	102	0
CONTIG-050583	803	13	152	217	0
CONTIG-050584	229	13	3	15	0
CONTIG-050585	65	15	11	0	0
CONTIG-050586	125	8	8	42	0
CONTIG-050587	90	8	0	15	0
CONTIG-050588	101	11	21	25	0
CONTIG-050589	100	8	2	18	2
CONTIG-050590	121	5	2	20	0
CONTIG-050591	123	8	5	39	0
CONTIG-050592	425	8	5	100	2
CONTIG-050593	108	14	38	3	0
CONTIG-050594	145	7	8	35	0
CONTIG-050595	187	9	8	64	0
CONTIG-050596	234	9	4	71	0
CONTIG-050597	411	10	5	6	0
CONTIG-050598	176	9	18	10	3
CONTIG-050601	558	13	13	345	0
CONTIG-050602	235	16	4	168	0
CONTIG-050603	62	8	4	8	0
CONTIG-050604	44	104	4	105	17
CONTIG-050605	94	7	23	0	0
CONTIG-050606	120	5	5	10	0
CONTIG-050609	106	7	14	21	0
CONTIG-050611	104	10	32	22	0
CONTIG-050612	164	11	25	45	0
CONTIG-050613	118	8	21	6	0
CONTIG-050614	234	9	8	61	0
CONTIG-050615	201	17	35	112	4
CONTIG-050616	156	8	0	26	0
CONTIG-050617	90	5	4	14	0
CONTIG-050618	175	6	8	27	0
CONTIG-050619	105	7	2	16	0
CONTIG-050620	297	20	11	261	4
CONTIG-050621	350	9	5	75	5
CONTIG-050622	402	10	18	122	4
CONTIG-050623	74	22	19	53	0
CONTIG-050624	101	10	16	15	0
CONTIG-050627	108	7	6	6	0
CONTIG-050628	76	17	27	52	0
CONTIG-050629	58	3	8	0	0
CONTIG-050630	307	7	10	48	0
CONTIG-050631	193	8	15	45	2
CONTIG-050632	250	13	7	78	0
CONTIG-050633	173	6	2	20	0
CONTIG-050634	412	20	30	273	0

CONTIG-050635	720	14	9	208	0
CONTIG-050636	205	9	30	83	0
CONTIG-050637	79	4	0	4	0
CONTIG-050638	510	21	10	552	2
CONTIG-050639	100	9	23	38	0
CONTIG-050640	228	11	6	114	0
CONTIG-050641	120	6	15	13	0
CONTIG-050642	200	8	53	30	0
CONTIG-050643	80	11	24	17	0
CONTIG-050644	133	4	2	8	0
CONTIG-050645	119	10	14	17	0
CONTIG-050646	133	8	4	2	0
CONTIG-050647	398	18	24	194	0
CONTIG-050648	252	8	8	46	0
CONTIG-050649	91	14	7	50	0
CONTIG-050650	109	12	26	7	0
CONTIG-050651	68	4	5	8	0
CONTIG-050652	299	11	16	98	0
CONTIG-050653	116	7	10	16	2
CONTIG-050654	550	92	2	0	81
CONTIG-050655	100	4	4	10	0
CONTIG-050656	172	8	17	35	0
CONTIG-050657	120	9	8	13	0
CONTIG-050658	245	139	9	1979	4
CONTIG-050660	73	6	2	7	0
CONTIG-050661	171	4	4	15	0
CONTIG-050662	58	4	10	2	0
CONTIG-050663	210	10	2	88	0
CONTIG-050664	218	18	6	37	0
CONTIG-050665	126	11	11	73	0
CONTIG-050667	201	11	45	64	2
CONTIG-050668	86	15	10	46	0
CONTIG-050669	398	41	6	22	0
CONTIG-050670	59	4	0	0	0
CONTIG-050671	86	40	19	94	0
CONTIG-050672	649	8	29	116	2
CONTIG-050673	745	11	39	392	0
CONTIG-050674	86	13	11	25	0
CONTIG-050675	283	11	5	122	0
CONTIG-050676	209	11	26	91	0
CONTIG-050684	131	6	14	12	0
CONTIG-050685	588	18	18	0	61
CONTIG-050687	140	7	3	20	0
CONTIG-050688	157	12	10	61	0
CONTIG-050691	236	12	29	53	0
CONTIG-050692	61	7	29	3	2
CONTIG-050693	111	10	22	17	0

CONTIG-050694	183	22	37	93	0
CONTIG-050696	181	10	8	57	0
CONTIG-050697	430	14	16	187	2
CONTIG-050698	206	8	12	8	0
CONTIG-050699	275	13	47	64	0
CONTIG-050700	180	8	4	58	0
CONTIG-050701	216	5	5	36	0
CONTIG-050702	142	8	2	51	0
CONTIG-050708	110	5	9	13	0
CONTIG-050709	71	13	2	26	0
CONTIG-050710	118	19	31	0	0
CONTIG-050711	190	8	2	49	0
CONTIG-050712	200	5	2	9	0
CONTIG-050713	114	5	2	9	0
CONTIG-050714	94	6	6	0	0
CONTIG-050715	138	5	2	10	0
CONTIG-050716	70	39	31	124	0
CONTIG-050717	193	5	4	29	0
CONTIG-050718	149	11	13	54	0
CONTIG-050719	63	8	2	14	0
CONTIG-050720	118	18	28	96	0
CONTIG-050721	86	8	2	9	0
CONTIG-050722	298	9	11	22	0
CONTIG-050724	272	19	24	209	0
CONTIG-050725	369	19	36	244	2
CONTIG-050726	99	10	9	38	0
CONTIG-050729	64	5	5	11	0
CONTIG-050730	698	7	8	128	2
CONTIG-050731	71	16	20	38	0
CONTIG-050732	247	6	0	32	0
CONTIG-050733	102	9	4	24	0
CONTIG-050734	92	62	34	197	4
CONTIG-050735	59	25	2	64	0
CONTIG-050737	87	6	3	10	2
CONTIG-050738	197	10	7	85	0
CONTIG-050739	72	7	21	5	0
CONTIG-050740	171	9	6	9	0
CONTIG-050741	94	4	13	0	0
CONTIG-050742	402	16	31	343	0
CONTIG-050743	76	3	5	4	0
CONTIG-050744	76	5	6	0	0
CONTIG-050745	380	12	36	74	0
CONTIG-050746	88	11	66	6	0
CONTIG-050747	197	12	2	55	2
CONTIG-050748	104	8	15	21	2
CONTIG-050749	84	5	18	2	0
CONTIG-050750	64	246	100	381	0

CONTIG-050751	190	36	17	324	13
CONTIG-050752	542	9	17	89	0
CONTIG-050753	241	7	8	42	0
CONTIG-050754	322	7	8	80	0
CONTIG-050755	37	2	0	0	0
CONTIG-050756	309	23	62	195	12
CONTIG-050757	209	5	2	40	0
CONTIG-050758	100	4	14	7	0
CONTIG-050759	268	133	5	0	164
CONTIG-050760	133	7	13	36	0
CONTIG-050761	211	8	21	28	0
CONTIG-050762	246	14	47	88	0
CONTIG-050763	162	11	3	33	0
CONTIG-050764	65	19	5	0	30
CONTIG-050765	98	4	2	12	0
CONTIG-050766	70	4	0	8	0
CONTIG-050767	142	6	0	4	0
CONTIG-050769	104	10	10	13	0
CONTIG-050770	309	7	10	2	0
CONTIG-050771	195	5	2	28	0
CONTIG-050775	207	8	2	19	0
CONTIG-050776	216	9	15	21	0
CONTIG-050777	141	8	7	29	0
CONTIG-050778	79	5	5	0	0
CONTIG-050779	392	37	47	810	0
CONTIG-050780	72	5	6	6	0
CONTIG-050781	83	4	9	6	0
CONTIG-050782	84	8	7	15	4
CONTIG-050783	73	10	15	8	0
CONTIG-050784	308	10	23	115	0
CONTIG-050786	71	5	3	0	0
CONTIG-050787	95	35	35	124	3
CONTIG-050789	64	6	7	0	0
CONTIG-050790	62	11	11	34	0
CONTIG-050791	160	16	32	96	0
CONTIG-050792	130	6	2	24	2
CONTIG-050793	78	8	10	6	0
CONTIG-050794	407	41	5	0	199
CONTIG-050795	167	6	4	9	0
CONTIG-050796	86	6	3	24	0
CONTIG-050797	163	13	2	2	0
CONTIG-050798	136	7	2	6	2
CONTIG-050799	135	5	8	9	0
CONTIG-050800	62	3	0	0	0
CONTIG-050801	114	11	24	14	0
CONTIG-050802	66	5	7	5	0
CONTIG-050803	106	16	18	32	2

CONTIG-050804	179	9	19	38	0
CONTIG-050805	442	17	15	459	0
CONTIG-050806	65	8	13	21	0
CONTIG-050807	109	24	11	103	3
CONTIG-050808	157	8	12	38	0
CONTIG-050809	151	4	2	7	0
CONTIG-050810	162	8	7	33	2
CONTIG-050813	66	12	22	11	0
CONTIG-050814	160	4	7	18	0
CONTIG-050815	130	13	17	70	0
CONTIG-050816	310	11	13	127	0
CONTIG-050817	68	27	3	15	0
CONTIG-050818	193	7	4	30	0
CONTIG-050819	72	7	8	5	0
CONTIG-050820	225	9	6	4	0
CONTIG-050821	162	8	29	36	0
CONTIG-050822	59	5	3	4	0
CONTIG-050823	212	5	11	31	0
CONTIG-050824	183	7	11	6	0
CONTIG-050825	63	3	0	6	0
CONTIG-050826	60	4	4	2	0
CONTIG-050827	81	9	18	11	0
CONTIG-050828	267	8	7	6	0
CONTIG-050829	100	5	9	10	0
CONTIG-050830	72	14	12	12	0
CONTIG-050831	131	13	11	40	2
CONTIG-050832	216	10	18	77	0
CONTIG-050833	134	11	24	33	0
CONTIG-050834	213	9	15	43	0
CONTIG-050835	558	22	0	0	65
CONTIG-050836	60	2	6	4	0
CONTIG-050837	530	16	14	196	16
CONTIG-050838	571	37	19	879	4
CONTIG-050839	58	5	2	8	0
CONTIG-050840	204	9	19	66	0
CONTIG-050841	62	23	43	45	0
CONTIG-050842	87	10	20	19	0
CONTIG-050843	83	7	2	15	0
CONTIG-050844	79	4	2	2	0
CONTIG-050845	72	104	102	299	0
CONTIG-050846	79	15	25	2	0
CONTIG-050847	46	708	6	683	0
CONTIG-050848	377	6	7	43	2
CONTIG-050849	157	8	3	43	4
CONTIG-050850	115	6	10	11	0
CONTIG-050851	118	9	15	11	0
CONTIG-050852	884	15	112	470	4

CONTIG-050853	67	3	5	0	0
CONTIG-050854	130	5	14	2	0
CONTIG-050855	228	5	2	21	0
CONTIG-050856	207	12	12	90	0
CONTIG-050857	120	8	7	37	0
CONTIG-050858	89	5	3	11	2
CONTIG-050859	85	4	4	12	0
CONTIG-050860	92	10	5	5	0
CONTIG-050862	248	14	4	0	13
CONTIG-050863	88	5	4	12	0
CONTIG-050864	291	5	3	44	2
CONTIG-050865	368	12	28	115	0
CONTIG-050866	374	35	14	18	2
CONTIG-050867	182	29	8	129	0
CONTIG-050868	77	4	16	4	0
CONTIG-050871	247	17	13	140	0
CONTIG-050872	65	4	8	6	0
CONTIG-050873	280	17	60	57	0
CONTIG-050875	41	100	35	59	16
CONTIG-050876	74	3	2	6	0
CONTIG-050877	1513	19	16	1189	0
CONTIG-050878	74	11	0	37	0
CONTIG-050879	176	3	3	16	0
CONTIG-050880	160	7	10	15	0
CONTIG-050882	72	4	6	4	0
CONTIG-050883	129	6	28	0	0
CONTIG-050884	219	10	29	76	0
CONTIG-050888	301	12	22	121	2
CONTIG-050889	226	10	12	85	2
CONTIG-050890	60	5	16	3	0
CONTIG-050891	159	6	5	10	0
CONTIG-050892	78	6	11	12	0
CONTIG-050893	91	4	3	5	0
CONTIG-050894	121	5	2	17	2
CONTIG-050895	83	8	46	8	0
CONTIG-050896	453	15	18	346	0
CONTIG-050897	329	11	15	109	2
CONTIG-050898	72	3	2	8	0
CONTIG-050899	146	11	7	35	0
CONTIG-050900	88	10	11	21	0
CONTIG-050901	65	3	2	5	0
CONTIG-050902	197	6	15	23	0
CONTIG-050903	175	4	9	14	0
CONTIG-050904	141	8	0	44	0
CONTIG-050905	53	109	13	193	0
CONTIG-050906	87	6	2	16	0
CONTIG-050907	184	6	8	28	0

CONTIG-050908	91	4	6	3	0
CONTIG-050912	128	6	6	9	0
CONTIG-050913	74	2	0	4	0
CONTIG-050914	60	11	2	15	0
CONTIG-050915	157	9	14	30	0
CONTIG-050916	226	59	171	410	3
CONTIG-050917	82	7	5	8	0
CONTIG-050918	108	3	0	2	0
CONTIG-050919	79	6	14	5	0
CONTIG-050926	94	8	15	14	0
CONTIG-050927	166	12	4	77	0
CONTIG-050928	67	3	11	2	0
CONTIG-050930	155	5	12	17	0
CONTIG-050931	97	8	7	24	0
CONTIG-050932	112	8	5	29	0
CONTIG-050933	248	5	4	15	0
CONTIG-050934	83	12	22	10	0
CONTIG-050935	198	9	15	61	0
CONTIG-050936	445	14	36	154	2
CONTIG-050937	80	3	5	2	0
CONTIG-050938	122	5	28	0	0
CONTIG-050939	83	16	14	60	0
CONTIG-050940	493	18	30	192	4
CONTIG-050941	85	5	2	9	0
CONTIG-050942	74	18	8	56	0
CONTIG-050943	630	7	4	157	0
CONTIG-050944	66	10	2	0	20
CONTIG-050945	65	9	16	11	0
CONTIG-050946	75	30	6	85	2
CONTIG-050947	80	3	0	5	0
CONTIG-050948	615	74	22	2624	0
CONTIG-050949	581	22	10	557	8
CONTIG-050950	61	7	10	6	0
CONTIG-050951	136	15	19	64	0
CONTIG-050953	441	23	71	270	12
CONTIG-050954	95	9	17	23	0
CONTIG-050955	274	8	17	57	0
CONTIG-050956	526	9	0	125	2
CONTIG-050957	474	8	4	0	15
CONTIG-050958	58	6	9	6	0
CONTIG-050959	78	5	3	12	0
CONTIG-050960	412	24	26	502	0
CONTIG-050961	78	6	3	10	0
CONTIG-050962	66	16	2	40	2
CONTIG-050963	87	7	0	12	0
CONTIG-050964	75	8	24	7	0
CONTIG-050965	183	15	7	110	0

CONTIG-050966	71	5	5	11	0
CONTIG-050967	207	6	10	32	0
CONTIG-050968	256	10	7	60	2
CONTIG-050970	195	11	15	73	0
CONTIG-050971	104	4	2	10	0
CONTIG-050972	171	12	0	87	0
CONTIG-050973	151	8	3	14	0
CONTIG-050974	143	5	6	20	2
CONTIG-050975	58	3	4	6	0
CONTIG-050976	130	4	5	6	0
CONTIG-050977	648	15	11	0	24
CONTIG-050978	142	7	2	16	2
CONTIG-050979	146	21	7	70	4
CONTIG-050981	86	9	5	14	0
CONTIG-050982	141	9	5	40	2
CONTIG-050987	96	6	4	10	0
CONTIG-050988	96	13	2	30	0
CONTIG-050989	133	7	5	40	0
CONTIG-050998	396	12	16	128	0
CONTIG-050999	251	36	41	54	2
CONTIG-051000	759	22	45	714	22
CONTIG-051001	164	14	0	97	0
CONTIG-051002	1069	18	9	69	0
CONTIG-051003	103	4	3	11	0
CONTIG-051005	195	7	2	34	0
CONTIG-051006	49	123	15	200	2
CONTIG-051007	598	25	3	21	0
CONTIG-051008	67	9	29	4	2
CONTIG-051009	1503	25	24	1375	16
CONTIG-051010	86	7	3	13	0
CONTIG-051011	252	9	9	30	0
CONTIG-051012	63	11	43	15	0
CONTIG-051013	298	6	11	37	4
CONTIG-051014	113	8	4	25	0
CONTIG-051019	985	26	0	1032	0
CONTIG-051022	460	23	44	384	0
CONTIG-051027	98	13	2	21	0
CONTIG-051028	169	4	31	0	0
CONTIG-051029	61	10	8	14	0
CONTIG-051030	206	7	8	25	0
CONTIG-051031	368	10	10	116	2
CONTIG-051032	153	5	3	24	0
CONTIG-051034	112	6	50	4	0
CONTIG-051035	285	6	20	51	0
CONTIG-051036	120	5	6	13	0
CONTIG-051037	231	31	23	383	0
CONTIG-051038	316	11	21	128	0

CONTIG-051039	83	7	2	23	0
CONTIG-051040	66	5	8	4	0
CONTIG-051041	299	20	27	242	2
CONTIG-051042	68	119	25	274	5
CONTIG-051043	152	14	45	54	3
CONTIG-051044	316	9	104	34	2
CONTIG-051048	63	2	5	0	0
CONTIG-051049	138	12	7	46	0
CONTIG-051050	118	9	11	44	0
CONTIG-051051	120	14	22	73	0
CONTIG-051052	182	53	6	4	0
CONTIG-051053	107	5	11	7	2
CONTIG-051054	113	17	20	44	0
CONTIG-051055	75	8	7	15	0
CONTIG-051056	178	6	0	34	0
CONTIG-051057	238	10	5	87	0
CONTIG-051058	140	10	0	59	0
CONTIG-051059	58	10	16	4	0
CONTIG-051061	81	7	4	20	0
CONTIG-051062	1301	24	22	1327	2
CONTIG-051063	75	3	4	2	0
CONTIG-051064	105	6	5	3	0
CONTIG-051065	213	7	0	45	0
CONTIG-051066	141	7	36	27	0
CONTIG-051067	355	9	0	45	0
CONTIG-051068	96	3	4	2	0
CONTIG-051071	101	7	3	11	0
CONTIG-051072	114	15	7	75	0
CONTIG-051073	93	5	16	0	0
CONTIG-051074	190	10	24	20	0
CONTIG-051076	83	12	62	5	0
CONTIG-051077	83	4	5	3	0
CONTIG-051078	112	248	23	170	0
CONTIG-051079	89	3	0	2	0
CONTIG-051080	120	8	8	22	0
CONTIG-051081	87	4	2	6	0
CONTIG-051082	127	4	4	16	0
CONTIG-051083	141	32	29	68	0
CONTIG-051084	63	16	9	28	0
CONTIG-051085	70	19	18	6	0
CONTIG-051091	109	17	22	45	0
CONTIG-051092	68	3	9	4	0
CONTIG-051093	163	14	28	23	0
CONTIG-051096	97	8	9	13	0
CONTIG-051097	75	5	0	4	0
CONTIG-051098	85	2	2	4	0
CONTIG-051099	288	7	10	44	0

CONTIG-051100	337	8	36	69	0
CONTIG-051101	100	22	0	106	0
CONTIG-051102	139	70	21	412	0
CONTIG-051107	48	817	10	1827	2
CONTIG-051108	158	9	6	14	0
CONTIG-051109	163	11	16	52	0
CONTIG-051110	150	9	6	55	0
CONTIG-051111	104	13	23	2	0
CONTIG-051112	72	6	15	8	0
CONTIG-051113	110	14	68	21	0
CONTIG-051114	66	6	2	6	0
CONTIG-051116	76	12	7	18	0
CONTIG-051117	62	11	15	10	0
CONTIG-051118	268	8	8	82	0
CONTIG-051119	260	8	17	82	0
CONTIG-051120	206	24	11	260	0
CONTIG-051121	129	15	24	101	0
CONTIG-051122	151	20	35	97	0
CONTIG-051123	224	27	43	239	2
CONTIG-051124	375	32	155	288	2
CONTIG-051125	127	8	36	7	0
CONTIG-051126	135	12	12	77	0
CONTIG-051127	73	8	4	6	0
CONTIG-051128	269	12	19	31	0
CONTIG-051129	99	5	17	6	0
CONTIG-051130	68	6	21	7	0
CONTIG-051131	245	27	26	380	0
CONTIG-051132	194	8	11	35	0
CONTIG-051133	287	16	25	158	4
CONTIG-051134	87	4	2	5	0
CONTIG-051135	119	7	33	26	0
CONTIG-051136	63	7	4	11	0
CONTIG-051137	170	7	28	17	0
CONTIG-051138	226	6	32	47	0
CONTIG-051139	310	11	6	93	0
CONTIG-051141	61	6	0	12	0
CONTIG-051142	535	13	4	183	0
CONTIG-051145	62	6	9	8	0
CONTIG-051146	71	5	3	9	0
CONTIG-051147	98	10	5	27	0
CONTIG-051148	385	20	46	282	2
CONTIG-051149	240	10	5	79	0
CONTIG-051150	452	13	2	148	2
CONTIG-051151	79	4	13	9	0
CONTIG-051152	116	6	0	17	0
CONTIG-051153	406	17	46	106	0
CONTIG-051154	86	35	51	0	0

CONTIG-051155	134	8	9	16	0
CONTIG-051156	216	8	18	28	0
CONTIG-051157	117	5	4	13	0
CONTIG-051158	227	13	5	78	0
CONTIG-051159	138	7	0	10	0
CONTIG-051160	335	14	12	147	6
CONTIG-051161	456	11	23	178	2
CONTIG-051162	80	4	5	4	0
CONTIG-051163	121	5	6	26	0
CONTIG-051164	59	4	8	0	0
CONTIG-051165	320	11	10	139	0
CONTIG-051166	907	11	34	57	0
CONTIG-051167	83	8	6	15	0
CONTIG-051168	546	20	43	583	4
CONTIG-051169	173	5	3	36	0
CONTIG-051170	56	81	31	45	0
CONTIG-051171	97	5	6	14	3
CONTIG-051173	231	9	7	9	0
CONTIG-051174	180	4	13	9	0
CONTIG-051176	242	16	35	128	2
CONTIG-051177	82	5	2	10	0
CONTIG-051178	88	4	4	11	0
CONTIG-051179	289	10	6	107	0
CONTIG-051180	332	13	22	90	0
CONTIG-051181	121	13	14	60	0
CONTIG-051182	36	15	0	2	0
CONTIG-051183	86	15	6	49	0
CONTIG-051187	89	8	14	23	0
CONTIG-051188	204	9	10	36	0
CONTIG-051189	383	15	21	146	0
CONTIG-051190	147	7	19	17	0
CONTIG-051191	818	15	32	192	0
CONTIG-051192	102	9	7	6	0
CONTIG-051193	412	14	6	83	0
CONTIG-051194	87	3	0	11	0
CONTIG-051195	130	6	9	29	0
CONTIG-051196	96	16	11	51	0
CONTIG-051197	65	12	15	36	0
CONTIG-051198	122	8	2	41	0
CONTIG-051199	113	5	2	19	0
CONTIG-051201	123	11	32	19	0
CONTIG-051202	152	15	25	51	0
CONTIG-051203	197	17	12	124	0
CONTIG-051204	116	4	4	9	0
CONTIG-051206	108	8	5	23	0
CONTIG-051207	112	11	3	58	4
CONTIG-051208	122	8	2	26	0

CONTIG-051209	143	7	4	27	4
CONTIG-051210	324	12	17	170	0
CONTIG-051211	176	7	7	49	0
CONTIG-051212	65	12	3	25	0
CONTIG-051213	208	7	4	43	2
CONTIG-051214	97	12	27	33	0
CONTIG-051215	80	68	6	105	0
CONTIG-051216	195	8	13	20	0
CONTIG-051218	244	8	15	38	0
CONTIG-051219	50	23	0	23	0
CONTIG-051220	203	12	18	78	0
CONTIG-051221	85	4	8	5	0
CONTIG-051222	135	8	3	31	0
CONTIG-051223	112	22	46	69	0
CONTIG-051224	176	11	2	12	0
CONTIG-051225	87	4	4	19	0
CONTIG-051226	112	4	14	6	0
CONTIG-051227	168	25	13	240	0
CONTIG-051228	112	15	60	33	0
CONTIG-051229	105	10	8	31	0
CONTIG-051230	112	5	7	8	0
CONTIG-051231	141	4	3	16	0
CONTIG-051232	236	7	26	57	0
CONTIG-051233	97	7	6	9	0
CONTIG-051234	234	7	18	23	0
CONTIG-051235	62	3	3	0	0
CONTIG-051236	72	6	20	2	0
CONTIG-051237	165	7	15	29	0
CONTIG-051238	178	11	19	33	0
CONTIG-051239	125	15	0	27	0
CONTIG-051240	68	41	22	64	0
CONTIG-051243	98	10	9	17	0
CONTIG-051244	170	10	7	32	0
CONTIG-051245	140	6	15	9	0
CONTIG-051246	64	9	4	11	0
CONTIG-051247	308	7	59	13	4
CONTIG-051249	362	12	74	115	0
CONTIG-051250	203	8	31	37	0
CONTIG-051251	273	6	4	39	0
CONTIG-051252	106	7	15	18	0
CONTIG-051253	121	40	79	213	0
CONTIG-051254	116	6	20	13	0
CONTIG-051255	193	6	4	44	0
CONTIG-051256	85	8	6	17	0
CONTIG-051257	92	7	35	5	0
CONTIG-051258	127	11	59	10	0
CONTIG-051259	73	7	4	21	0

CONTIG-051269	146	8	18	24	0
CONTIG-051270	61	5	11	5	0
CONTIG-051271	81	8	4	27	0
CONTIG-051272	74	8	0	22	0
CONTIG-051274	122	13	16	54	0
CONTIG-051275	141	11	3	0	37
CONTIG-051279	220	8	5	24	0
CONTIG-051282	378	12	19	169	2
CONTIG-051284	60	12	40	2	0
CONTIG-051286	720	32	23	32	0
CONTIG-051289	96	6	4	20	0
CONTIG-051291	151	10	11	53	0
CONTIG-051293	97	10	5	38	0
CONTIG-051294	64	216	29	457	0
CONTIG-051295	132	5	0	17	0
CONTIG-051296	61	11	0	17	10
CONTIG-051297	155	10	24	58	0
CONTIG-051298	101	6	22	6	2
CONTIG-051305	448	15	53	139	8
CONTIG-051306	304	10	0	100	3
CONTIG-051309	175	8	6	43	0
CONTIG-051310	82	9	2	25	0
CONTIG-051311	94	5	15	2	0
CONTIG-051312	636	15	7	288	4
CONTIG-051313	175	16	102	69	0
CONTIG-051314	103	5	8	13	0
CONTIG-051315	44	19	7	0	0
CONTIG-051316	220	12	14	55	0
CONTIG-051317	70	10	4	25	0
CONTIG-051318	151	64	21	349	19
CONTIG-051319	69	14	0	25	0
CONTIG-051320	78	6	7	16	0
CONTIG-051321	258	9	14	62	0
CONTIG-051323	88	4	5	4	0
CONTIG-051324	160	7	39	2	0
CONTIG-051325	78	4	0	4	0
CONTIG-051326	109	75	49	61	0
CONTIG-051327	87	5	2	10	0
CONTIG-051328	44	40	2	32	0
CONTIG-051329	119	9	4	22	0
CONTIG-051338	87	7	6	4	0
CONTIG-051339	84	6	6	12	0
CONTIG-051342	141	6	4	29	0
CONTIG-051343	170	21	10	9	0
CONTIG-051344	511	8	14	128	0
CONTIG-051345	144	8	13	14	0
CONTIG-051346	301	10	37	53	0

CONTIG-051347	224	28	12	43	0
CONTIG-051348	228	8	17	44	0
CONTIG-051349	435	54	3	0	361
CONTIG-051350	122	5	4	8	0
CONTIG-051351	91	5	7	12	0
CONTIG-051352	132	8	17	41	0
CONTIG-051353	205	7	0	35	0
CONTIG-051354	136	21	6	110	0
CONTIG-051355	100	4	8	2	0
CONTIG-051356	83	5	4	2	0
CONTIG-051357	124	7	8	34	0
CONTIG-051361	58	6	0	0	0
CONTIG-051362	132	14	2	9	0
CONTIG-051363	260	16	153	44	0
CONTIG-051364	92	5	0	11	0
CONTIG-051365	103	8	6	31	0
CONTIG-051366	148	6	10	15	0
CONTIG-051367	115	11	2	18	0
CONTIG-051368	109	18	46	75	0
CONTIG-051369	275	12	56	95	2
CONTIG-051370	76	3	8	0	0
CONTIG-051371	135	4	9	5	0
CONTIG-051372	163	12	4	55	2
CONTIG-051373	180	8	10	7	0
CONTIG-051374	104	6	5	24	0
CONTIG-051375	58	16	56	0	0
CONTIG-051377	53	152	45	211	2
CONTIG-051378	267	25	72	190	2
CONTIG-051379	605	19	62	464	0
CONTIG-051380	59	12	38	2	0
CONTIG-051381	459	15	15	194	2
CONTIG-051382	515	12	24	223	0
CONTIG-051383	105	5	10	13	0
CONTIG-051384	707	29	63	531	38
CONTIG-051385	167	7	23	0	0
CONTIG-051386	286	8	14	48	0
CONTIG-051387	313	12	10	113	0
CONTIG-051388	113	9	6	20	0
CONTIG-051390	87	4	3	15	0
CONTIG-051395	126	9	6	15	0
CONTIG-051396	99	7	3	25	0
CONTIG-051397	85	3	2	9	0
CONTIG-051398	76	879	25	2032	0
CONTIG-051399	193	110	4	4	0
CONTIG-051400	69	4	10	4	0
CONTIG-051401	140	10	40	17	0
CONTIG-051402	165	13	26	57	0

CONTIG-051403	180	10	29	42	0
CONTIG-051404	186	8	14	35	0
CONTIG-051406	117	8	5	28	0
CONTIG-051407	224	8	12	38	0
CONTIG-051408	117	28	17	136	5
CONTIG-051410	79	6	2	16	0
CONTIG-051411	201	13	32	51	0
CONTIG-051412	183	11	24	9	0
CONTIG-051413	102	4	17	4	0
CONTIG-051414	83	10	28	17	0
CONTIG-051415	96	4	4	15	0
CONTIG-051416	179	5	0	4	0
CONTIG-051417	67	76	42	171	5
CONTIG-051418	269	15	27	120	0
CONTIG-051419	446	12	7	207	27
CONTIG-051420	74	14	36	17	0
CONTIG-051421	147	5	58	2	0
CONTIG-051422	73	9	0	2	0
CONTIG-051423	502	31	64	423	12
CONTIG-051424	149	6	6	33	0
CONTIG-051425	160	8	9	45	0
CONTIG-051426	64	8	0	9	0
CONTIG-051427	80	4	4	7	0
CONTIG-051428	194	5	7	2	0
CONTIG-051429	73	4	5	5	0
CONTIG-051430	133	15	7	85	2
CONTIG-051431	59	7	11	2	0
CONTIG-051432	111	8	7	30	0
CONTIG-051433	72	2	0	4	0
CONTIG-051434	81	8	2	0	0
CONTIG-051435	249	6	11	34	0
CONTIG-051436	73	46	22	119	0
CONTIG-051437	226	7	2	14	0
CONTIG-051438	71	5	0	12	0
CONTIG-051439	69	17	15	44	0
CONTIG-051440	74	36	3	75	0
CONTIG-051441	365	10	4	86	0
CONTIG-051442	400	11	22	157	0
CONTIG-051443	117	16	27	9	0
CONTIG-051445	60	8	8	16	0
CONTIG-051446	114	7	26	2	0
CONTIG-051447	499	22	40	465	0
CONTIG-051448	62	4	3	5	0
CONTIG-051449	76	4	3	10	0
CONTIG-051450	249	9	8	77	0
CONTIG-051451	46	17	14	0	0
CONTIG-051452	102	16	8	29	0

CONTIG-051453	152	23	36	124	0
CONTIG-051454	95	8	0	41	0
CONTIG-051455	1402	22	13	1916	0
CONTIG-051456	68	4	2	7	0
CONTIG-051457	180	12	8	83	0
CONTIG-051458	419	13	26	159	0
CONTIG-051459	60	207	10	552	0
CONTIG-051460	121	8	15	40	0
CONTIG-051461	250	11	19	81	0
CONTIG-051462	144	14	11	63	2
CONTIG-051463	67	9	8	15	0
CONTIG-051464	86	7	10	17	0
CONTIG-051465	177	12	46	38	0
CONTIG-051466	235	8	39	52	0
CONTIG-051467	178	7	3	32	0
CONTIG-051468	105	11	14	26	0
CONTIG-051469	64	7	4	9	0
CONTIG-051470	251	10	25	80	0
CONTIG-051471	77	7	8	11	0
CONTIG-051472	67	14	4	9	0
CONTIG-051473	280	11	9	116	0
CONTIG-051474	157	7	8	28	0
CONTIG-051475	223	6	4	57	0
CONTIG-051476	396	20	59	250	2
CONTIG-051477	127	31	0	126	0
CONTIG-051478	59	6	9	4	0
CONTIG-051479	107	9	0	15	0
CONTIG-051480	246	7	10	35	0
CONTIG-051481	102	12	16	12	0
CONTIG-051482	164	3	4	17	0
CONTIG-051483	391	47	22	553	79
CONTIG-051484	331	8	19	71	2
CONTIG-051485	584	16	37	453	0
CONTIG-051486	339	9	10	103	0
CONTIG-051487	94	6	7	4	0
CONTIG-051488	132	7	2	28	0
CONTIG-051489	100	6	2	14	0
CONTIG-051490	190	20	6	134	3
CONTIG-051491	424	8	21	94	2
CONTIG-051492	122	17	11	48	0
CONTIG-051493	385	17	12	178	7
CONTIG-051494	115	8	20	9	0
CONTIG-051495	107	48	7	202	0
CONTIG-051496	164	20	24	78	10
CONTIG-051497	134	6	18	15	0
CONTIG-051498	109	5	2	6	0
CONTIG-051499	58	3	5	0	0

CONTIG-051500	366	20	11	178	2
CONTIG-051501	90	4	2	5	0
CONTIG-051505	73	8	0	3	0
CONTIG-051506	162	8	2	50	0
CONTIG-051507	162	10	23	16	0
CONTIG-051508	119	4	2	2	0
CONTIG-051509	98	10	2	22	0
CONTIG-051511	101	25	19	3	27
CONTIG-051512	187	8	6	20	0
CONTIG-051513	93	9	10	3	2
CONTIG-051514	107	8	19	19	0
CONTIG-051515	140	11	13	33	0
CONTIG-051516	482	15	34	237	0
CONTIG-051517	123	5	13	13	0
CONTIG-051518	74	3	2	2	0
CONTIG-051519	231	13	22	87	0
CONTIG-051520	216	5	17	31	0
CONTIG-051521	55	6	7	2	0
CONTIG-051522	185	6	12	28	0
CONTIG-051523	85	10	2	13	0
CONTIG-051524	118	4	5	10	0
CONTIG-051530	132	10	24	42	0
CONTIG-051531	115	4	3	4	0
CONTIG-051535	47	28	4	32	0
CONTIG-051536	59	4	8	0	0
CONTIG-051537	97	10	3	21	0
CONTIG-051538	238	14	18	87	0
CONTIG-051539	334	13	32	117	0
CONTIG-051540	130	5	18	14	0
CONTIG-051541	213	17	20	131	0
CONTIG-051542	118	7	19	26	0
CONTIG-051543	127	13	6	65	0
CONTIG-051544	59	4	5	9	0
CONTIG-051545	236	8	7	57	0
CONTIG-051546	132	554	43	3385	5
CONTIG-051547	106	7	8	27	2
CONTIG-051548	319	9	21	108	0
CONTIG-051549	161	28	58	119	0
CONTIG-051550	76	3	0	0	0
CONTIG-051551	95	15	40	16	0
CONTIG-051553	69	4	0	5	0
CONTIG-051554	265	11	9	98	0
CONTIG-051555	111	6	5	25	0
CONTIG-051556	62	145	28	431	2
CONTIG-051557	106	6	14	12	0
CONTIG-051558	58	5	5	0	0
CONTIG-051561	341	9	8	93	0

CONTIG-051562	516	29	0	0	117
CONTIG-051563	275	11	3	16	0
CONTIG-051564	73	3	4	3	0
CONTIG-051565	383	13	49	116	0
CONTIG-051566	60	3	3	5	0
CONTIG-051568	188	18	29	87	2
CONTIG-051570	57	13	49	7	0
CONTIG-051572	126	11	7	50	0
CONTIG-051573	191	13	31	74	0
CONTIG-051574	247	14	24	58	2
CONTIG-051575	291	16	0	268	0
CONTIG-051576	1345	19	14	1438	2
CONTIG-051577	215	11	19	54	2
CONTIG-051578	165	11	23	52	0
CONTIG-051579	64	7	3	17	0
CONTIG-051580	210	7	22	26	0
CONTIG-051582	96	4	3	7	0
CONTIG-051583	142	3	2	8	0
CONTIG-051584	141	15	3	97	3
CONTIG-051585	105	3	2	6	0
CONTIG-051586	309	9	6	77	0
CONTIG-051587	644	16	43	485	2
CONTIG-051588	94	3	6	4	0
CONTIG-051589	384	18	34	319	0
CONTIG-051590	110	12	6	40	0
CONTIG-051591	282	6	6	47	0
CONTIG-051592	155	15	15	68	0
CONTIG-051595	131	9	22	18	4
CONTIG-051596	207	6	2	24	2
CONTIG-051597	225	11	0	123	0
CONTIG-051598	70	12	3	13	0
CONTIG-051599	61	14	0	27	0
CONTIG-051600	82	10	7	24	0
CONTIG-051601	80	16	37	5	0
CONTIG-051602	472	12	17	149	0
CONTIG-051606	87	6	8	22	0
CONTIG-051607	92	6	2	9	2
CONTIG-051608	66	7	21	9	0
CONTIG-051609	62	8	6	7	0
CONTIG-051610	332	10	13	99	0
CONTIG-051611	134	7	0	34	2
CONTIG-051612	119	9	13	17	0
CONTIG-051613	233	10	0	29	2
CONTIG-051614	289	8	10	35	0
CONTIG-051615	207	12	12	74	0
CONTIG-051616	164	9	6	19	0
CONTIG-051617	91	10	3	42	0

CONTIG-051619	254	4	11	26	0
CONTIG-051620	189	8	9	32	2
CONTIG-051621	235	7	18	34	0
CONTIG-051622	84	12	6	25	0
CONTIG-051623	149	5	0	19	0
CONTIG-051624	82	4	5	4	0
CONTIG-051625	364	8	4	76	2
CONTIG-051626	205	6	9	44	0
CONTIG-051627	94	5	4	8	0
CONTIG-051628	205	12	17	97	0
CONTIG-051629	108	6	0	21	0
CONTIG-051630	489	97	12	636	20
CONTIG-051631	72	10	51	3	0
CONTIG-051632	546	7	19	144	0
CONTIG-051633	147	8	6	35	0
CONTIG-051634	129	10	2	27	0
CONTIG-051635	88	5	0	5	0
CONTIG-051636	127	11	2	47	0
CONTIG-051637	579	14	19	322	0
CONTIG-051638	144	30	19	85	0
CONTIG-051639	118	17	11	48	0
CONTIG-051640	66	6	2	0	0
CONTIG-051641	78	4	3	0	0
CONTIG-051642	124	14	21	70	0
CONTIG-051643	83	34	12	105	2
CONTIG-051645	391	24	26	231	0
CONTIG-051646	85	11	8	9	0
CONTIG-051647	58	9	2	19	0
CONTIG-051648	274	12	46	122	0
CONTIG-051649	68	3	2	2	0
CONTIG-051650	230	6	2	30	0
CONTIG-051651	78	5	0	8	0
CONTIG-051652	86	16	22	34	0
CONTIG-051653	174	6	7	30	0
CONTIG-051654	306	6	7	30	0
CONTIG-051655	126	5	13	17	0
CONTIG-051656	249	11	25	67	0
CONTIG-051657	86	5	9	8	0
CONTIG-051658	291	6	8	42	0
CONTIG-051659	514	11	19	108	4
CONTIG-051660	256	11	41	55	0
CONTIG-051661	119	5	0	14	0
CONTIG-051662	220	21	17	103	15
CONTIG-051663	130	4	2	11	0
CONTIG-051664	206	8	7	25	0
CONTIG-051665	195	112	36	423	0
CONTIG-051667	58	7	2	20	0

CONTIG-051668	93	19	12	36	0
CONTIG-051669	117	3	4	10	0
CONTIG-051670	171	6	3	28	0
CONTIG-051671	73	8	10	13	0
CONTIG-051672	61	3	3	2	0
CONTIG-051673	150	3	8	8	0
CONTIG-051674	242	6	9	45	0
CONTIG-051675	319	9	34	67	2
CONTIG-051677	104	14	7	57	0
CONTIG-051678	196	7	0	47	0
CONTIG-051679	136	13	8	32	2
CONTIG-051680	140	10	8	60	0
CONTIG-051681	74	9	22	25	0
CONTIG-051682	66	13	4	23	0
CONTIG-051683	93	12	11	10	0
CONTIG-051684	187	9	14	79	0
CONTIG-051686	344	13	23	132	0
CONTIG-051687	62	4	6	6	0
CONTIG-051688	149	3	3	8	0
CONTIG-051689	84	6	9	17	0
CONTIG-051690	97	8	28	24	0
CONTIG-051691	628	31	89	867	0
CONTIG-051692	309	10	4	124	2
CONTIG-051693	389	9	4	0	0
CONTIG-051694	119	19	22	93	0
CONTIG-051695	98	3	8	6	0
CONTIG-051697	93	17	7	51	0
CONTIG-051698	90	5	2	12	0
CONTIG-051699	82	9	31	0	2
CONTIG-051700	197	18	43	120	0
CONTIG-051701	283	6	22	50	0
CONTIG-051702	92	6	17	4	0
CONTIG-051703	514	9	15	168	2
CONTIG-051704	202	4	6	30	0
CONTIG-051705	68	10	7	24	0
CONTIG-051706	65	2	2	0	0
CONTIG-051707	489	8	44	91	0
CONTIG-051708	280	6	9	43	0
CONTIG-051709	76	6	2	0	0
CONTIG-051710	348	7	16	46	0
CONTIG-051711	175	9	20	60	0
CONTIG-051712	81	4	0	6	0
CONTIG-051713	98	9	16	19	0
CONTIG-051714	83	11	6	2	0
CONTIG-051715	128	7	2	0	0
CONTIG-051718	1193	76	14	5360	6
CONTIG-051719	102	15	13	27	2

CONTIG-051720	85	4	7	5	0
CONTIG-051721	70	8	14	8	0
CONTIG-051722	120	12	23	43	0
CONTIG-051723	177	12	11	65	0
CONTIG-051724	115	7	7	10	0
CONTIG-051725	94	4	3	10	0
CONTIG-051726	81	7	7	25	0
CONTIG-051727	190	10	26	73	0
CONTIG-051728	163	8	25	0	0
CONTIG-051729	367	26	70	277	4
CONTIG-051730	140	6	13	10	0
CONTIG-051731	145	7	12	12	0
CONTIG-051732	60	4	12	4	0
CONTIG-051733	291	14	15	81	2
CONTIG-051734	102	3	0	4	0
CONTIG-051735	91	13	13	2	0
CONTIG-051736	179	8	23	35	0
CONTIG-051737	116	19	16	50	0
CONTIG-051738	306	12	16	113	2
CONTIG-051739	59	4	2	3	0
CONTIG-051740	60	4	2	5	0
CONTIG-051741	228	12	31	68	0
CONTIG-051742	59	9	37	5	2
CONTIG-051744	175	5	2	6	0
CONTIG-051745	68	10	6	17	0
CONTIG-051746	133	8	9	49	0
CONTIG-051747	142	8	6	17	0
CONTIG-051748	539	9	24	93	2
CONTIG-051749	129	10	5	55	0
CONTIG-051750	81	6	3	2	0
CONTIG-051751	98	3	2	9	0
CONTIG-051752	697	61	0	0	415
CONTIG-051753	126	17	35	99	0
CONTIG-051755	122	5	2	4	0
CONTIG-051756	131	7	4	10	0
CONTIG-051761	162	6	3	27	0
CONTIG-051762	144	5	5	31	0
CONTIG-051764	138	8	34	17	0
CONTIG-051765	183	12	32	89	0
CONTIG-051766	151	19	24	24	0
CONTIG-051767	96	4	2	0	2
CONTIG-051768	1036	40	8	0	124
CONTIG-051769	428	9	35	145	2
CONTIG-051770	443	21	23	273	2
CONTIG-051771	84	22	47	74	0
CONTIG-051772	174	16	13	99	0
CONTIG-051773	87	6	5	18	0

CONTIG-051774	171	6	15	29	0
CONTIG-051775	80	32	22	89	0
CONTIG-051776	74	9	9	15	0
CONTIG-051778	188	10	32	29	3
CONTIG-051779	76	3	0	7	0
CONTIG-051780	68	4	0	8	0
CONTIG-051781	215	5	10	11	0
CONTIG-051782	158	10	10	49	0
CONTIG-051783	179	7	13	28	0
CONTIG-051784	569	9	4	216	2
CONTIG-051785	90	8	8	20	0
CONTIG-051786	66	213	25	8	0
CONTIG-051787	159	14	30	57	0
CONTIG-051788	59	6	6	7	0
CONTIG-051789	150	18	13	125	0
CONTIG-051791	90	69	58	73	0
CONTIG-051792	76	7	6	9	0
CONTIG-051793	91	10	7	25	0
CONTIG-051794	147	730	50	3	0
CONTIG-051795	74	4	0	12	0
CONTIG-051796	71	5	2	12	0
CONTIG-051797	97	9	23	5	0
CONTIG-051798	124	12	17	48	0
CONTIG-051799	169	6	4	26	0
CONTIG-051800	66	6	6	10	0
CONTIG-051801	156	15	14	90	0
CONTIG-051802	93	9	0	27	0
CONTIG-051803	175	17	8	7	0
CONTIG-051807	94	10	13	13	0
CONTIG-051808	66	9	0	0	0
CONTIG-051809	247	13	5	79	0
CONTIG-051810	119	9	17	7	2
CONTIG-051811	59	6	2	16	0
CONTIG-051812	84	7	23	17	0
CONTIG-051813	61	8	20	6	0
CONTIG-051814	122	7	2	24	0
CONTIG-051815	294	11	2	66	2
CONTIG-051816	153	12	17	41	2
CONTIG-051817	135	8	27	20	0
CONTIG-051818	473	9	10	166	2
CONTIG-051819	45	76	4	57	0
CONTIG-051820	112	7	10	23	0
CONTIG-051821	117	13	4	36	0
CONTIG-051822	160	7	16	28	0
CONTIG-051823	105	6	18	10	0
CONTIG-051824	61	8	0	7	0
CONTIG-051825	113	9	2	17	0

CONTIG-051826	215	8	12	40	0
CONTIG-051827	63	6	7	5	0
CONTIG-051828	211	9	20	73	0
CONTIG-051829	66	5	4	6	0
CONTIG-051830	143	16	3	91	0
CONTIG-051832	123	9	35	5	0
CONTIG-051833	93	5	7	6	0
CONTIG-051834	79	5	4	14	0
CONTIG-051835	89	5	3	12	0
CONTIG-051836	285	11	14	59	0
CONTIG-051837	178	13	4	76	7
CONTIG-051841	87	4	4	12	0
CONTIG-051842	303	10	23	53	0
CONTIG-051843	196	5	3	24	0
CONTIG-051844	189	4	0	21	0
CONTIG-051845	373	12	0	118	6
CONTIG-051846	302	9	7	70	0
CONTIG-051848	82	6	3	16	0
CONTIG-051849	69	4	5	2	0
CONTIG-051850	143	6	3	30	0
CONTIG-051851	300	10	7	123	0
CONTIG-051852	538	12	27	189	4
CONTIG-051853	402	10	18	112	2
CONTIG-051854	137	15	20	33	2
CONTIG-051855	304	7	5	65	0
CONTIG-051856	146	8	15	22	0
CONTIG-051857	71	3	2	7	0
CONTIG-051858	185	5	2	27	0
CONTIG-051859	129	6	2	14	0
CONTIG-051860	267	7	71	0	5
CONTIG-051865	142	6	4	15	0
CONTIG-051867	450	11	18	151	2
CONTIG-051868	200	9	5	17	0
CONTIG-051869	118	21	19	97	0
CONTIG-051870	298	29	8	0	134
CONTIG-051871	82	5	0	8	2
CONTIG-051872	284	12	26	114	0
CONTIG-051873	45	22	3	22	0
CONTIG-051874	192	10	20	4	0
CONTIG-051875	94	8	5	9	0
CONTIG-051876	125	5	2	9	0
CONTIG-051877	73	6	0	14	0
CONTIG-051878	203	4	0	24	0
CONTIG-051879	285	13	44	122	0
CONTIG-051880	195	11	40	48	0
CONTIG-051881	626	12	15	188	2
CONTIG-051882	130	13	15	39	0

CONTIG-051883	60	18	4	6	0
CONTIG-051884	318	10	19	86	0
CONTIG-051885	166	10	27	57	0
CONTIG-051886	65	7	4	9	0
CONTIG-051887	458	40	47	290	11
CONTIG-051888	73	74	5	0	57
CONTIG-051889	81	6	15	8	0
CONTIG-051892	219	10	32	36	0
CONTIG-051894	102	17	18	24	0
CONTIG-051895	105	6	8	19	0
CONTIG-051896	67	7	4	11	0
CONTIG-051897	92	8	13	10	0
CONTIG-051898	609	13	79	213	4
CONTIG-051899	178	20	27	95	4
CONTIG-051900	85	4	2	2	0
CONTIG-051902	88	4	0	11	0
CONTIG-051903	239	22	71	278	0
CONTIG-051905	159	16	16	117	0
CONTIG-051906	221	9	5	74	0
CONTIG-051907	368	36	61	368	3
CONTIG-051909	244	4	6	15	0
CONTIG-051910	241	6	0	4	0
CONTIG-051911	130	6	9	31	0
CONTIG-051912	65	6	3	11	0
CONTIG-051914	383	10	29	47	0
CONTIG-051915	86	5	13	15	0
CONTIG-051916	257	15	11	150	0
CONTIG-051917	78	14	8	27	0
CONTIG-051918	196	10	5	8	12
CONTIG-051919	135	10	6	13	0
CONTIG-051920	144	6	12	21	0
CONTIG-051922	98	16	11	71	0
CONTIG-051923	63	7	5	16	0
CONTIG-051924	66	5	2	10	0
CONTIG-051925	185	8	6	47	0
CONTIG-051926	388	11	11	190	0
CONTIG-051927	750	73	359	1504	4
CONTIG-051928	116	16	6	72	0
CONTIG-051929	139	4	4	22	0
CONTIG-051930	274	8	51	59	0
CONTIG-051931	482	11	18	286	0
CONTIG-051932	518	11	2	0	30
CONTIG-051933	100	10	16	26	0
CONTIG-051934	120	3	5	5	0
CONTIG-051935	66	4	0	6	0
CONTIG-051936	76	4	0	3	0
CONTIG-051937	95	6	5	5	0

CONTIG-051938	113	5	2	0	0
CONTIG-051940	134	13	0	68	0
CONTIG-051941	276	12	17	106	2
CONTIG-051942	108	7	6	4	0
CONTIG-051943	251	6	2	79	0
CONTIG-051944	304	25	14	419	0
CONTIG-051945	121	9	38	28	0
CONTIG-051946	89	6	8	12	0
CONTIG-051947	345	9	5	62	2
CONTIG-051949	71	4	37	0	0
CONTIG-051950	74	6	3	0	0
CONTIG-051952	271	8	16	50	2
CONTIG-051953	87	4	4	7	0
CONTIG-051954	208	9	12	41	0
CONTIG-051955	108	510	2	2105	0
CONTIG-051960	212	6	10	29	0
CONTIG-051961	70	2	0	3	0
CONTIG-051962	82	4	0	4	0
CONTIG-051963	63	7	5	16	0
CONTIG-051964	185	7	9	42	0
CONTIG-051965	356	10	15	112	0
CONTIG-051966	98	6	2	9	2
CONTIG-051967	69	3	2	5	0
CONTIG-051968	134	6	9	30	0
CONTIG-051969	63	6	0	13	0
CONTIG-051970	176	4	0	5	0
CONTIG-051971	354	14	16	229	2
CONTIG-051972	95	8	9	29	0
CONTIG-051973	89	3	3	6	0
CONTIG-051974	407	10	20	121	0
CONTIG-051975	227	10	47	18	0
CONTIG-051976	149	10	41	36	0
CONTIG-051977	217	10	33	26	0
CONTIG-051978	134	5	2	11	0
CONTIG-051979	191	9	2	78	0
CONTIG-051980	68	14	15	27	0
CONTIG-051981	106	8	4	32	0
CONTIG-051982	443	9	11	105	17
CONTIG-051984	69	6	6	10	0
CONTIG-051985	446	8	12	102	6
CONTIG-051986	155	10	28	63	0
CONTIG-051987	187	12	10	18	3
CONTIG-051988	89	14	41	17	2
CONTIG-051989	347	11	10	142	2
CONTIG-051990	248	8	13	40	0
CONTIG-051991	353	19	34	211	0
CONTIG-051992	72	15	12	30	5

CONTIG-051993	308	14	7	190	0
CONTIG-051994	91	8	5	27	0
CONTIG-051995	77	8	5	17	0
CONTIG-051996	71	2	0	0	0
CONTIG-051997	395	5	25	52	0
CONTIG-052001	69	3	0	6	0
CONTIG-052003	489	13	18	232	2
CONTIG-052004	205	13	9	132	0
CONTIG-052006	226	42	27	260	4
CONTIG-052007	63	7	20	0	0
CONTIG-052008	207	6	7	61	0
CONTIG-052009	604	26	18	186	14
CONTIG-052010	267	139	31	46	52
CONTIG-052011	119	7	6	27	0
CONTIG-052012	744	18	17	422	0
CONTIG-052013	190	9	27	67	0
CONTIG-052014	63	3	0	0	0
CONTIG-052015	103	15	15	61	0
CONTIG-052016	637	14	12	264	4
CONTIG-052017	105	5	20	10	0
CONTIG-052018	100	12	3	48	0
CONTIG-052019	80	17	8	75	0
CONTIG-052020	82	6	2	9	0
CONTIG-052021	138	7	22	25	0
CONTIG-052022	62	3	4	2	0
CONTIG-052023	173	4	4	11	0
CONTIG-052024	295	11	22	139	0
CONTIG-052025	330	10	0	90	0
CONTIG-052026	373	7	4	64	0
CONTIG-052027	86	5	3	14	0
CONTIG-052028	150	8	6	41	0
CONTIG-052029	91	21	23	38	0
CONTIG-052030	121	14	13	26	0
CONTIG-052031	182	10	7	83	0
CONTIG-052032	103	13	2	50	0
CONTIG-052033	128	19	3	53	0
CONTIG-052034	72	10	21	16	0
CONTIG-052035	245	5	2	44	0
CONTIG-052036	337	31	71	486	0
CONTIG-052037	60	3	11	2	0
CONTIG-052038	83	4	3	3	0
CONTIG-052039	179	25	35	131	0
CONTIG-052041	213	8	16	47	0
CONTIG-052042	101	8	4	14	0
CONTIG-052043	78	8	3	14	0
CONTIG-052044	586	11	60	199	0
CONTIG-052045	107	8	4	21	0

CONTIG-052046	130	13	6	58	0
CONTIG-052047	60	3	8	4	0
CONTIG-052048	101	5	12	8	0
CONTIG-052049	203	8	15	36	0
CONTIG-052050	67	9	43	5	0
CONTIG-052051	69	4	2	12	0
CONTIG-052052	112	5	6	19	0
CONTIG-052053	581	11	13	163	5
CONTIG-052054	80	11	17	15	0
CONTIG-052055	90	7	11	19	0
CONTIG-052056	156	9	19	35	0
CONTIG-052057	99	9	5	37	0
CONTIG-052058	214	5	17	22	0
CONTIG-052059	87	8	13	20	0
CONTIG-052060	109	5	8	21	0
CONTIG-052061	115	13	28	44	0
CONTIG-052062	101	5	0	7	0
CONTIG-052063	153	56	22	190	18
CONTIG-052064	555	10	21	219	0
CONTIG-052065	249	7	15	37	2
CONTIG-052066	375	11	15	130	0
CONTIG-052067	170	9	12	69	0
CONTIG-052068	79	9	7	21	0
CONTIG-052069	133	9	0	47	0
CONTIG-052070	124	5	7	21	0
CONTIG-052071	230	4	0	18	0
CONTIG-052072	122	6	0	25	0
CONTIG-052073	99	58	7	202	0
CONTIG-052074	72	6	5	12	0
CONTIG-052075	110	13	8	56	3
CONTIG-052076	60	5	0	7	2
CONTIG-052078	405	17	77	349	0
CONTIG-052079	471	29	57	162	13
CONTIG-052080	132	5	9	9	0
CONTIG-052081	240	5	9	22	0
CONTIG-052082	221	6	13	34	0
CONTIG-052083	275	11	38	58	2
CONTIG-052084	79	3	2	0	0
CONTIG-052085	74	3	7	8	0
CONTIG-052086	130	32	2	0	28
CONTIG-052087	159	4	18	16	0
CONTIG-052088	89	8	8	4	0
CONTIG-052089	107	18	0	0	0
CONTIG-052091	87	7	2	21	0
CONTIG-052092	72	7	7	19	0
CONTIG-052093	332	11	18	76	0
CONTIG-052094	37	191	39	66	0

CONTIG-052095	213	10	2	49	0
CONTIG-052096	204	12	9	76	0
CONTIG-052097	93	5	8	12	0
CONTIG-052098	76	9	0	10	2
CONTIG-052099	60	3	3	0	0
CONTIG-052100	59	4	4	3	0
CONTIG-052101	282	22	13	208	0
CONTIG-052102	156	13	14	56	0
CONTIG-052103	70	6	5	4	0
CONTIG-052104	65	4	9	5	0
CONTIG-052105	81	4	9	4	0
CONTIG-052106	87	2	0	3	0
CONTIG-052108	120	9	4	42	0
CONTIG-052109	444	17	95	293	0
CONTIG-052110	115	7	8	3	0
CONTIG-052111	158	5	17	20	0
CONTIG-052113	89	55	22	168	0
CONTIG-052114	58	20	26	40	0
CONTIG-052115	131	6	7	10	0
CONTIG-052116	103	178	8	801	0
CONTIG-052117	345	10	19	132	0
CONTIG-052118	146	6	3	28	0
CONTIG-052119	97	2	0	0	0
CONTIG-052120	108	9	12	41	0
CONTIG-052121	140	5	3	17	0
CONTIG-052122	1812	19	43	1995	0
CONTIG-052123	85	4	0	0	0
CONTIG-052126	284	7	18	63	0
CONTIG-052127	76	4	0	3	0
CONTIG-052128	108	4	0	12	0
CONTIG-052129	62	8	2	22	0
CONTIG-052130	69	17	16	58	0
CONTIG-052131	121	13	2	82	0
CONTIG-052133	618	11	2	269	0
CONTIG-052135	68	11	2	23	0
CONTIG-052136	117	9	5	29	0
CONTIG-052137	74	8	24	0	0
CONTIG-052138	179	6	8	39	0
CONTIG-052139	72	9	4	17	0
CONTIG-052140	415	21	17	11	0
CONTIG-052141	109	4	2	11	0
CONTIG-052142	762	11	47	214	0
CONTIG-052143	149	12	10	65	0
CONTIG-052144	56	13	2	17	0
CONTIG-052145	163	7	6	28	0
CONTIG-052146	120	3	0	9	0
CONTIG-052147	67	46	103	0	38

CONTIG-052148	61	7	4	0	0
CONTIG-052151	81	5	6	9	0
CONTIG-052152	125	9	12	39	0
CONTIG-052153	63	11	4	25	0
CONTIG-052154	432	13	46	98	0
CONTIG-052155	66	10	2	30	0
CONTIG-052156	112	9	5	33	0
CONTIG-052157	67	4	0	4	0
CONTIG-052158	633	13	20	366	0
CONTIG-052159	136	6	0	14	0
CONTIG-052160	129	8	11	20	0
CONTIG-052161	163	21	8	128	0
CONTIG-052162	168	11	4	52	0
CONTIG-052163	238	11	6	91	0
CONTIG-052164	46	323	0	5	0
CONTIG-052167	332	12	18	142	0
CONTIG-052168	75	7	4	9	0
CONTIG-052169	78	4	4	6	0
CONTIG-052170	126	29	34	72	0
CONTIG-052171	138	7	9	26	0
CONTIG-052172	113	6	8	17	0
CONTIG-052173	132	6	4	25	2
CONTIG-052174	162	9	9	63	0
CONTIG-052175	141	6	20	18	0
CONTIG-052177	70	7	5	2	0
CONTIG-052178	65	3	5	6	0
CONTIG-052179	73	6	2	7	0
CONTIG-052180	141	11	23	47	0
CONTIG-052181	330	14	16	169	0
CONTIG-052182	201	3	3	8	0
CONTIG-052183	62	9	23	0	0
CONTIG-052184	64	4	0	15	0
CONTIG-052185	147	8	2	41	0
CONTIG-052186	130	9	0	14	0
CONTIG-052187	105	16	45	35	0
CONTIG-052188	216	8	8	56	0
CONTIG-052189	82	5	0	6	0
CONTIG-052192	240	13	2	45	0
CONTIG-052193	102	5	2	7	0
CONTIG-052195	137	8	9	41	0
CONTIG-052196	385	12	15	153	2
CONTIG-052197	62	6	3	2	0
CONTIG-052198	116	5	0	8	2
CONTIG-052199	92	64	0	148	0
CONTIG-052201	67	3	2	4	0
CONTIG-052202	150	5	5	17	0
CONTIG-052203	166	8	6	27	0

CONTIG-052204	286	10	4	97	2
CONTIG-052205	151	9	25	26	0
CONTIG-052206	153	7	8	39	0
CONTIG-052207	156	13	2	20	0
CONTIG-052208	81	9	4	5	0
CONTIG-052209	207	7	14	21	0
CONTIG-052210	317	14	26	154	3
CONTIG-052211	72	9	11	0	0
CONTIG-052212	201	7	13	34	0
CONTIG-052213	78	5	18	4	0
CONTIG-052214	106	6	15	18	0
CONTIG-052216	192	4	7	15	0
CONTIG-052217	200	6	5	39	0
CONTIG-052218	63	19	47	17	0
CONTIG-052219	125	6	10	16	0
CONTIG-052220	300	16	69	86	0
CONTIG-052221	150	289	14	118	0
CONTIG-052222	86	14	7	27	0
CONTIG-052223	153	17	2	83	4
CONTIG-052224	156	8	3	49	0
CONTIG-052225	91	12	7	25	2
CONTIG-052227	208	14	4	85	2
CONTIG-052228	63	8	5	13	0
CONTIG-052229	215	6	5	40	0
CONTIG-052230	172	4	8	17	0
CONTIG-052231	74	15	2	44	0
CONTIG-052232	201	5	14	24	0
CONTIG-052233	205	11	16	18	2
CONTIG-052234	70	13	6	5	0
CONTIG-052235	76	7	0	24	0
CONTIG-052236	96	5	4	0	0
CONTIG-052237	126	4	2	7	0
CONTIG-052238	84	5	2	14	0
CONTIG-052239	160	11	4	87	0
CONTIG-052240	95	4	6	11	0
CONTIG-052241	287	30	78	229	10
CONTIG-052242	64	8	2	14	0
CONTIG-052243	77	12	26	26	0
CONTIG-052244	93	12	3	50	0
CONTIG-052245	75	5	0	6	0
CONTIG-052246	111	27	7	84	0
CONTIG-052247	39	30	4	9	0
CONTIG-052248	60	5	0	14	0
CONTIG-052249	101	13	2	25	0
CONTIG-052250	58	7	31	0	0
CONTIG-052251	390	9	10	139	0
CONTIG-052252	256	7	2	33	0

CONTIG-052253	150	4	11	10	0
CONTIG-052255	76	14	5	41	0
CONTIG-052256	289	12	45	152	0
CONTIG-052257	92	4	6	7	0
CONTIG-052259	329	17	19	156	2
CONTIG-052262	62	3	3	9	0
CONTIG-052263	72	8	8	18	0
CONTIG-052264	163	7	9	33	0
CONTIG-052265	148	5	16	23	0
CONTIG-052266	273	10	31	41	0
CONTIG-052267	344	30	46	407	0
CONTIG-052268	244	8	5	74	0
CONTIG-052270	150	16	15	87	0
CONTIG-052271	150	7	21	15	2
CONTIG-052272	59	3	2	0	0
CONTIG-052274	189	88	125	503	2
CONTIG-052276	292	18	2	2	124
CONTIG-052277	65	7	5	6	0
CONTIG-052278	117	8	6	25	0
CONTIG-052279	91	8	0	24	0
CONTIG-052280	112	8	3	24	0
CONTIG-052281	107	11	2	54	0
CONTIG-052282	161	14	17	57	0
CONTIG-052283	157	10	5	59	0
CONTIG-052284	79	6	0	24	0
CONTIG-052285	97	5	13	4	0
CONTIG-052286	184	17	70	71	0
CONTIG-052287	83	5	3	8	0
CONTIG-052288	121	40	28	50	0
CONTIG-052289	405	5	0	68	2
CONTIG-052290	635	21	26	455	0
CONTIG-052291	74	4	4	9	0
CONTIG-052292	69	3	0	0	0
CONTIG-052293	167	18	10	52	0
CONTIG-052294	81	4	14	8	0
CONTIG-052295	58	5	13	4	0
CONTIG-052296	76	10	5	26	0
CONTIG-052297	406	12	17	242	0
CONTIG-052299	76	6	10	2	2
CONTIG-052300	129	9	3	43	0
CONTIG-052301	128	5	2	15	2
CONTIG-052302	247	6	6	33	2
CONTIG-052303	606	14	29	380	0
CONTIG-052304	523	9	34	87	0
CONTIG-052305	166	8	3	27	0
CONTIG-052306	92	6	2	9	0
CONTIG-052308	122	10	12	44	0

CONTIG-052309	584	12	34	124	2
CONTIG-052310	286	10	29	76	0
CONTIG-052311	86	70	9	17	0
CONTIG-052312	124	23	3	132	0
CONTIG-052313	101	7	24	19	0
CONTIG-052314	103	5	19	7	0
CONTIG-052315	80	3	3	0	0
CONTIG-052316	77	2	3	0	2
CONTIG-052317	150	11	2	72	0
CONTIG-052318	134	5	2	19	0
CONTIG-052320	95	5	4	15	0
CONTIG-052321	317	6	3	65	0
CONTIG-052322	304	12	4	39	4
CONTIG-052323	317	9	16	87	2
CONTIG-052324	75	5	3	6	0
CONTIG-052325	183	8	13	49	0
CONTIG-052326	130	10	13	27	0
CONTIG-052327	157	3	6	2	0
CONTIG-052328	247	7	43	52	0
CONTIG-052329	145	6	0	0	2
CONTIG-052330	82	7	4	9	0
CONTIG-052331	99	11	21	12	0
CONTIG-052332	60	10	0	18	0
CONTIG-052333	89	8	4	11	0
CONTIG-052334	209	8	6	4	0
CONTIG-052335	217	11	30	91	0
CONTIG-052336	114	11	0	31	2
CONTIG-052337	157	5	16	4	0
CONTIG-052338	206	8	2	52	0
CONTIG-052339	325	8	51	72	0
CONTIG-052340	215	11	10	51	3
CONTIG-052341	123	8	11	0	0
CONTIG-052342	92	133	0	23	0
CONTIG-052343	85	13	6	30	0
CONTIG-052344	61	4	0	7	0
CONTIG-052345	94	4	0	13	0
CONTIG-052346	72	8	11	0	0
CONTIG-052347	95	66	34	293	0
CONTIG-052349	76	12	6	31	2
CONTIG-052350	392	10	24	169	0
CONTIG-052353	87	6	2	18	0
CONTIG-052354	380	30	21	235	0
CONTIG-052355	120	5	0	22	0
CONTIG-052356	113	7	2	18	0
CONTIG-052357	232	7	4	48	0
CONTIG-052358	188	6	3	41	0
CONTIG-052362	385	18	39	270	0

CONTIG-052363	481	16	38	148	0
CONTIG-052364	208	6	19	52	0
CONTIG-052365	171	4	5	19	0
CONTIG-052366	109	6	6	22	0
CONTIG-052367	43	958	28	28	525
CONTIG-052368	185	10	2	39	4
CONTIG-052369	126	11	4	57	0
CONTIG-052370	213	6	0	28	0
CONTIG-052375	264	6	14	35	0
CONTIG-052376	218	8	13	50	0
CONTIG-052379	219	6	5	35	2
CONTIG-052380	62	3	8	4	0
CONTIG-052381	176	6	0	10	2
CONTIG-052384	115	4	0	0	0
CONTIG-052385	98	5	8	18	0
CONTIG-052386	300	16	2	14	0
CONTIG-052387	253	9	11	79	0
CONTIG-052388	378	9	3	0	0
CONTIG-052389	286	9	26	46	0
CONTIG-052390	185	51	15	4	0
CONTIG-052391	336	14	17	160	0
CONTIG-052393	207	7	6	33	0
CONTIG-052394	133	5	10	15	0
CONTIG-052395	89	5	8	4	0
CONTIG-052396	209	10	23	50	0
CONTIG-052397	109	8	32	3	0
CONTIG-052398	278	12	5	78	0
CONTIG-052401	69	5	16	2	0
CONTIG-052402	215	5	0	0	4
CONTIG-052403	61	9	6	16	0
CONTIG-052404	92	7	4	4	0
CONTIG-052405	91	4	0	6	0
CONTIG-052406	162	14	46	24	0
CONTIG-052407	153	8	5	53	0
CONTIG-052409	402	12	7	197	0
CONTIG-052410	240	7	20	24	0
CONTIG-052411	555	35	0	0	212
CONTIG-052412	62	10	10	20	0
CONTIG-052413	81	6	3	12	0
CONTIG-052414	414	11	26	131	0
CONTIG-052415	357	16	60	52	0
CONTIG-052419	65	216	6	521	0
CONTIG-052420	202	5	11	27	0
CONTIG-052421	83	7	7	6	0
CONTIG-052422	147	17	4	0	0
CONTIG-052423	78	9	5	21	0
CONTIG-052424	317	9	9	57	0

CONTIG-052425	83	4	2	6	0
CONTIG-052428	69	7	10	10	0
CONTIG-052429	64	9	45	4	0
CONTIG-052430	65	5	5	12	0
CONTIG-052431	285	7	5	43	0
CONTIG-052432	148	7	2	24	0
CONTIG-052433	171	8	7	11	0
CONTIG-052434	75	23	4	23	0
CONTIG-052435	58	11	9	19	0
CONTIG-052436	63	8	24	0	0
CONTIG-052437	174	6	18	27	0
CONTIG-052438	514	13	37	242	2
CONTIG-052439	128	7	9	13	0
CONTIG-052440	97	9	15	18	0
CONTIG-052441	113	6	6	18	0
CONTIG-052442	425	19	59	314	2
CONTIG-052443	181	41	27	180	0
CONTIG-052444	117	7	28	24	0
CONTIG-052445	172	4	8	26	0
CONTIG-052446	139	5	10	12	0
CONTIG-052447	293	18	47	158	2
CONTIG-052448	118	5	3	8	0
CONTIG-052449	162	5	4	17	0
CONTIG-052450	448	42	21	770	0
CONTIG-052451	83	12	13	22	0
CONTIG-052452	83	4	4	6	0
CONTIG-052453	109	6	0	2	0
CONTIG-052454	277	7	9	48	0
CONTIG-052455	261	7	36	7	0
CONTIG-052456	101	10	0	27	0
CONTIG-052457	101	3	0	4	0
CONTIG-052458	139	7	13	33	0
CONTIG-052459	179	7	6	40	0
CONTIG-052460	180	10	40	11	0
CONTIG-052461	346	12	43	122	6
CONTIG-052462	73	3	4	5	0
CONTIG-052463	235	8	42	33	0
CONTIG-052464	132	6	5	10	0
CONTIG-052465	152	8	0	34	0
CONTIG-052466	81	10	9	31	0
CONTIG-052467	515	54	5	2	110
CONTIG-052468	111	4	7	14	0
CONTIG-052471	100	21	49	4	0
CONTIG-052472	72	6	27	3	0
CONTIG-052473	284	13	39	161	0
CONTIG-052474	292	19	10	140	10
CONTIG-052475	175	18	9	89	2

CONTIG-052476	111	8	34	2	2
CONTIG-052477	60	3	3	0	0
CONTIG-052478	76	5	27	0	0
CONTIG-052479	213	18	23	128	0
CONTIG-052480	87	37	18	52	0
CONTIG-052481	50	31	17	14	0
CONTIG-052482	97	4	7	2	0
CONTIG-052483	115	4	12	12	0
CONTIG-052484	177	15	23	28	0
CONTIG-052485	73	7	5	2	0
CONTIG-052486	316	9	21	34	0
CONTIG-052487	426	14	57	191	0
CONTIG-052488	233	25	36	286	0
CONTIG-052489	166	14	0	96	0
CONTIG-052490	99	7	6	20	0
CONTIG-052491	73	7	13	0	0
CONTIG-052492	424	9	10	130	0
CONTIG-052493	59	6	10	0	0
CONTIG-052494	567	13	24	252	0
CONTIG-052495	73	7	5	16	0
CONTIG-052496	342	14	16	158	0
CONTIG-052497	90	5	0	11	0
CONTIG-052498	83	2	0	3	0
CONTIG-052499	98	6	8	14	0
CONTIG-052500	350	50	2	0	275
CONTIG-052501	124	6	27	6	0
CONTIG-052502	86	9	10	7	0
CONTIG-052503	154	15	8	95	0
CONTIG-052505	203	5	22	34	0
CONTIG-052506	58	8	12	4	0
CONTIG-052507	126	7	3	31	0
CONTIG-052508	121	5	6	20	0
CONTIG-052509	321	19	12	254	4
CONTIG-052510	164	8	0	30	2
CONTIG-052511	218	8	24	32	0
CONTIG-052512	163	9	7	16	2
CONTIG-052513	199	7	5	25	4
CONTIG-052514	127	10	13	22	0
CONTIG-052515	579	19	38	527	0
CONTIG-052516	238	15	22	178	0
CONTIG-052517	44	49	8	49	0
CONTIG-052521	169	9	66	27	0
CONTIG-052522	161	6	20	17	0
CONTIG-052523	225	11	11	50	0
CONTIG-052524	69	9	15	12	0
CONTIG-052525	49	66	9	9	0
CONTIG-052526	143	11	4	93	0

CONTIG-052527	36	557	28	902	0
CONTIG-052528	44	403	5	691	0
CONTIG-052529	139	11	19	39	0
CONTIG-052530	127	8	13	36	0
CONTIG-052531	59	10	11	20	2
CONTIG-052532	143	16	10	82	2
CONTIG-052533	169	5	12	21	0
CONTIG-052534	244	8	41	33	0
CONTIG-052535	90	9	14	26	0
CONTIG-052536	160	11	19	64	0
CONTIG-052537	84	9	2	23	0
CONTIG-052538	65	8	3	13	0
CONTIG-052539	269	7	13	58	2
CONTIG-052541	415	9	6	104	2
CONTIG-052542	190	9	5	36	0
CONTIG-052543	209	9	23	44	2
CONTIG-052544	155	7	7	18	0
CONTIG-052545	184	5	15	14	0
CONTIG-052546	55	121	5	295	0
CONTIG-052547	94	8	16	23	0
CONTIG-052548	112	5	4	13	0
CONTIG-052549	92	6	2	11	0
CONTIG-052550	71	4	8	5	0
CONTIG-052551	252	12	17	102	0
CONTIG-052552	141	4	5	5	0
CONTIG-052553	71	12	4	15	0
CONTIG-052554	202	10	18	64	0
CONTIG-052555	85	11	0	23	0
CONTIG-052556	196	26	53	252	0
CONTIG-052557	300	11	28	165	0
CONTIG-052559	120	47	9	273	0
CONTIG-052560	58	6	3	10	0
CONTIG-052561	116	6	19	18	0
CONTIG-052562	67	10	4	15	0
CONTIG-052566	86	9	3	11	0
CONTIG-052569	134	6	5	11	0
CONTIG-052570	126	10	5	22	0
CONTIG-052571	441	10	12	198	0
CONTIG-052572	76	8	8	13	3
CONTIG-052573	419	22	72	236	4
CONTIG-052574	158	13	22	51	0
CONTIG-052575	343	22	50	344	0
CONTIG-052576	183	6	10	28	0
CONTIG-052577	75	5	5	2	0
CONTIG-052578	228	22	2	0	35
CONTIG-052579	73	7	7	13	0
CONTIG-052580	475	11	14	129	2

CONTIG-052581	92	5	0	10	0
CONTIG-052582	338	18	19	338	0
CONTIG-052583	117	45	24	223	0
CONTIG-052584	165	9	12	56	0
CONTIG-052585	195	18	7	112	0
CONTIG-052586	78	11	4	45	0
CONTIG-052587	104	4	6	0	0
CONTIG-052588	681	20	41	107	0
CONTIG-052589	89	8	6	17	0
CONTIG-052590	203	9	8	43	0
CONTIG-052591	69	9	16	0	0
CONTIG-052592	58	3	15	0	0
CONTIG-052593	63	12	0	33	0
CONTIG-052594	90	7	7	6	0
CONTIG-052595	190	5	10	33	0
CONTIG-052596	1184	43	18	12	0
CONTIG-052597	83	13	8	30	0
CONTIG-052598	331	20	37	188	20
CONTIG-052599	160	8	30	9	0
CONTIG-052600	92	12	40	21	0
CONTIG-052601	74	84	20	142	0
CONTIG-052602	83	5	10	11	0
CONTIG-052603	109	9	5	22	2
CONTIG-052604	102	14	9	39	0
CONTIG-052605	80	8	10	3	0
CONTIG-052606	238	5	7	27	0
CONTIG-052607	283	9	9	103	2
CONTIG-052608	148	6	21	8	0
CONTIG-052609	509	11	31	230	2
CONTIG-052610	63	17	0	46	0
CONTIG-052611	66	7	2	16	0
CONTIG-052612	255	15	6	0	0
CONTIG-052613	108	3	0	8	0
CONTIG-052614	201	6	2	13	0
CONTIG-052615	194	14	17	111	0
CONTIG-052616	195	23	19	182	27
CONTIG-052617	77	25	27	71	0
CONTIG-052618	89	6	0	6	0
CONTIG-052619	132	8	0	28	2
CONTIG-052620	101	5	6	6	0
CONTIG-052621	146	15	43	33	0
CONTIG-052623	85	10	8	16	0
CONTIG-052624	61	4	2	8	0
CONTIG-052625	43	565	6	0	4
CONTIG-052626	108	27	8	132	2
CONTIG-052627	59	13	0	36	0
CONTIG-052628	85	9	8	10	0

CONTIG-052629	275	16	152	45	0
CONTIG-052630	190	10	15	31	2
CONTIG-052631	217	8	12	37	0
CONTIG-052632	89	6	3	19	0
CONTIG-052634	114	166	4	0	27
CONTIG-052635	152	4	3	2	0
CONTIG-052637	157	8	2	50	0
CONTIG-052638	176	11	0	65	2
CONTIG-052639	258	20	23	98	3
CONTIG-052640	75	6	11	5	0
CONTIG-052642	115	7	26	16	0
CONTIG-052643	201	8	6	46	0
CONTIG-052644	258	9	9	108	0
CONTIG-052645	320	5	21	55	0
CONTIG-052651	140	11	9	50	0
CONTIG-052652	86	6	12	18	0
CONTIG-052657	60	7	4	20	0
CONTIG-052658	137	13	15	31	0
CONTIG-052659	198	9	13	44	0
CONTIG-052660	320	6	11	58	0
CONTIG-052661	144	74	11	581	0
CONTIG-052662	390	15	30	203	2
CONTIG-052663	545	11	11	104	15
CONTIG-052664	62	2	2	3	0
CONTIG-052665	308	12	28	99	0
CONTIG-052666	135	5	4	15	0
CONTIG-052667	215	14	25	16	0
CONTIG-052668	67	5	8	5	0
CONTIG-052669	71	7	0	2	0
CONTIG-052670	109	3	3	2	0
CONTIG-052671	160	16	24	55	0
CONTIG-052672	92	4	3	12	0
CONTIG-052673	774	13	51	279	8
CONTIG-052678	105	56	14	197	0
CONTIG-052679	104	4	3	3	0
CONTIG-052680	235	5	11	29	0
CONTIG-052681	282	10	15	60	0
CONTIG-052682	274	13	76	93	0
CONTIG-052683	98	6	5	19	0
CONTIG-052684	161	6	2	31	2
CONTIG-052685	92	16	51	26	2
CONTIG-052687	107	9	5	31	0
CONTIG-052688	270	6	9	54	3
CONTIG-052689	495	12	0	158	14
CONTIG-052690	146	11	4	95	0
CONTIG-052691	746	30	2	0	211
CONTIG-052692	128	9	2	58	0

CONTIG-052693	62	3	3	0	0
CONTIG-052694	91	7	11	25	0
CONTIG-052700	60	4	3	4	0
CONTIG-052701	90	64	2	17	0
CONTIG-052702	60	3	6	2	0
CONTIG-052703	66	4	0	2	0
CONTIG-052704	247	25	21	103	2
CONTIG-052705	163	7	12	37	0
CONTIG-052706	159	12	12	37	0
CONTIG-052707	137	7	19	20	0
CONTIG-052708	82	6	25	6	0
CONTIG-052709	373	15	29	217	0
CONTIG-052710	259	6	6	43	0
CONTIG-052712	226	12	39	104	0
CONTIG-052713	107	3	2	10	0
CONTIG-052715	63	5	8	4	0
CONTIG-052716	111	5	0	13	0
CONTIG-052717	333	9	36	92	2
CONTIG-052718	102	8	35	14	0
CONTIG-052719	72	11	11	19	0
CONTIG-052720	127	6	0	26	0
CONTIG-052721	240	10	10	59	0
CONTIG-052722	77	8	10	14	0
CONTIG-052723	100	16	9	29	0
CONTIG-052724	77	31	15	112	0
CONTIG-052725	115	4	5	6	0
CONTIG-052726	141	7	9	26	0
CONTIG-052727	78	6	5	17	0
CONTIG-052731	223	10	12	50	0
CONTIG-052732	239	9	16	85	0
CONTIG-052733	472	9	7	183	0
CONTIG-052734	217	6	2	33	2
CONTIG-052735	264	9	5	36	2
CONTIG-052736	1271	29	24	1407	32
CONTIG-052737	275	10	18	99	0
CONTIG-052738	107	7	12	19	0
CONTIG-052739	160	20	0	0	0
CONTIG-052740	39	21	7	5	0
CONTIG-052741	564	83	22	23	0
CONTIG-052742	73	12	23	18	0
CONTIG-052743	294	16	18	80	0
CONTIG-052744	138	5	4	26	0
CONTIG-052745	98	11	17	24	0
CONTIG-052746	149	7	5	6	0
CONTIG-052747	82	3	2	0	0
CONTIG-052748	359	7	6	35	0
CONTIG-052749	246	8	39	57	0

CONTIG-052750	88	4	0	4	0
CONTIG-052751	80	8	4	2	0
CONTIG-052752	497	16	8	339	8
CONTIG-052758	315	8	8	75	0
CONTIG-052759	113	5	0	9	0
CONTIG-052760	64	5	2	6	0
CONTIG-052761	99	6	3	17	0
CONTIG-052762	300	10	20	90	0
CONTIG-052763	72	7	0	11	0
CONTIG-052764	77	37	9	49	0
CONTIG-052765	229	14	51	67	2
CONTIG-052766	157	8	19	47	0
CONTIG-052767	140	10	4	73	0
CONTIG-052768	65	8	0	17	0
CONTIG-052769	71	14	14	14	0
CONTIG-052770	86	13	68	14	0
CONTIG-052771	91	17	12	53	0
CONTIG-052772	81	11	13	30	0
CONTIG-052773	142	6	46	8	0
CONTIG-052774	132	26	6	181	0
CONTIG-052776	56	75	10	95	4
CONTIG-052777	289	18	6	244	0
CONTIG-052778	120	4	20	11	0
CONTIG-052779	233	8	4	58	0
CONTIG-052780	120	10	44	0	0
CONTIG-052781	77	9	16	6	0
CONTIG-052782	37	20	11	0	0
CONTIG-052783	60	5	2	0	0
CONTIG-052785	105	7	4	20	0
CONTIG-052786	69	10	9	19	0
CONTIG-052787	530	14	30	127	12
CONTIG-052789	82	9	0	23	0
CONTIG-052790	258	5	14	36	0
CONTIG-052791	138	11	47	30	0
CONTIG-052792	79	6	8	8	0
CONTIG-052793	69	5	10	5	0
CONTIG-052794	71	4	0	4	0
CONTIG-052797	68	5	11	9	0
CONTIG-052798	59	6	12	9	0
CONTIG-052799	209	8	16	49	0
CONTIG-052801	481	10	24	133	2
CONTIG-052802	153	9	6	6	0
CONTIG-052803	92	7	4	5	0
CONTIG-052806	41	785	8	1230	0
CONTIG-052807	76	5	3	6	0
CONTIG-052808	263	8	12	84	0
CONTIG-052809	128	10	5	57	0

CONTIG-052810	322	8	34	11	0
CONTIG-052811	253	5	0	0	2
CONTIG-052812	144	4	2	23	0
CONTIG-052813	432	15	19	145	0
CONTIG-052814	530	15	4	283	2
CONTIG-052815	213	8	11	64	0
CONTIG-052816	149	169	23	1492	4
CONTIG-052817	67	9	19	15	0
CONTIG-052821	161	4	2	4	0
CONTIG-052822	76	7	13	22	0
CONTIG-052823	460	9	47	160	0
CONTIG-052825	139	8	9	36	0
CONTIG-052826	80	5	4	13	0
CONTIG-052827	93	10	15	31	0
CONTIG-052828	137	12	17	55	0
CONTIG-052829	119	13	8	66	0
CONTIG-052830	129	6	5	7	0
CONTIG-052831	230	6	11	32	0
CONTIG-052834	235	18	30	125	0
CONTIG-052841	79	6	0	17	0
CONTIG-052842	225	9	3	62	0
CONTIG-052843	167	7	19	42	0
CONTIG-052844	152	12	6	35	0
CONTIG-052845	245	10	12	78	0
CONTIG-052846	176	8	10	38	0
CONTIG-052847	158	6	5	35	0
CONTIG-052848	175	6	7	22	2
CONTIG-052849	152	5	0	0	0
CONTIG-052850	126	7	10	30	0
CONTIG-052851	667	14	29	225	2
CONTIG-052852	161	8	5	18	0
CONTIG-052853	208	40	12	63	0
CONTIG-052854	75	6	3	14	0
CONTIG-052855	66	7	6	7	0
CONTIG-052856	139	45	22	219	2
CONTIG-052857	295	12	22	81	2
CONTIG-052858	264	10	7	75	2
CONTIG-052861	139	12	27	14	0
CONTIG-052862	116	6	3	27	0
CONTIG-052865	81	3	4	4	0
CONTIG-052866	94	8	5	20	0
CONTIG-052867	78	5	8	4	0
CONTIG-052868	116	7	18	25	0
CONTIG-052869	94	16	2	63	0
CONTIG-052870	157	11	14	67	0
CONTIG-052871	148	8	11	12	0
CONTIG-052872	170	7	0	50	0

CONTIG-052874	829	27	41	1208	7
CONTIG-052875	108	6	0	20	0
CONTIG-052876	363	10	21	50	0
CONTIG-052877	176	7	8	17	0
CONTIG-052878	262	10	11	48	16
CONTIG-052879	227	7	9	28	2
CONTIG-052880	93	5	4	6	0
CONTIG-052881	104	7	3	17	0
CONTIG-052882	79	2	6	2	0
CONTIG-052883	302	16	19	128	2
CONTIG-052886	40	458	7	686	0
CONTIG-052887	132	12	2	59	0
CONTIG-052888	137	4	5	12	0
CONTIG-052889	683	23	10	2	0
CONTIG-052891	366	18	12	146	0
CONTIG-052892	125	6	9	16	0
CONTIG-052893	172	11	50	40	0
CONTIG-052894	140	7	2	39	0
CONTIG-052895	186	12	0	99	0
CONTIG-052896	150	6	7	10	0
CONTIG-052897	392	8	2	122	0
CONTIG-052900	73	11	3	32	0
CONTIG-052901	346	26	64	384	0
CONTIG-052902	79	12	13	25	0
CONTIG-052903	100	157	40	953	0
CONTIG-052904	497	9	8	135	0
CONTIG-052905	186	9	6	33	0
CONTIG-052906	229	10	16	31	0
CONTIG-052907	301	28	18	50	0
CONTIG-052909	193	9	11	49	0
CONTIG-052911	201	5	2	47	2
CONTIG-052912	72	8	2	0	0
CONTIG-052914	101	12	0	25	0
CONTIG-052915	61	15	4	45	0
CONTIG-052918	112	51	22	128	0
CONTIG-052919	61	3	0	2	0
CONTIG-052920	129	5	9	11	0
CONTIG-052921	140	10	0	11	0
CONTIG-052922	104	7	3	10	0
CONTIG-052923	72	4	2	7	0
CONTIG-052924	294	15	20	155	2
CONTIG-052928	530	6	19	80	2
CONTIG-052929	181	9	4	18	0
CONTIG-052930	100	11	8	26	0
CONTIG-052931	61	6	14	2	0
CONTIG-052939	149	10	9	40	0
CONTIG-052940	110	7	10	20	0

CONTIG-052941	102	4	21	5	0
CONTIG-052942	193	7	8	28	0
CONTIG-052943	222	6	27	5	0
CONTIG-052944	80	8	3	5	0
CONTIG-052945	270	12	22	106	0
CONTIG-052948	98	6	0	14	0
CONTIG-052949	67	4	2	8	0
CONTIG-052950	58	199	33	205	35
CONTIG-052951	171	23	8	97	5
CONTIG-052953	92	6	16	9	0
CONTIG-052954	162	6	13	7	2
CONTIG-052955	94	8	4	28	0
CONTIG-052956	203	9	4	8	0
CONTIG-052959	460	7	16	60	2
CONTIG-052960	146	15	12	92	0
CONTIG-052961	130	5	10	9	0
CONTIG-052962	356	10	0	113	0
CONTIG-052963	133	10	0	62	0
CONTIG-052964	670	16	32	220	13
CONTIG-052965	105	26	6	17	0
CONTIG-052966	92	10	12	14	2
CONTIG-052967	99	5	19	6	0
CONTIG-052969	184	11	5	93	0
CONTIG-052970	80	6	3	14	0
CONTIG-052971	81	8	21	0	0
CONTIG-052972	512	10	8	69	0
CONTIG-052973	1006	24	90	954	0
CONTIG-052974	71	9	0	11	0
CONTIG-052976	146	8	8	30	0
CONTIG-052977	84	7	12	10	0
CONTIG-052978	391	9	13	115	0
CONTIG-052979	145	7	21	19	0
CONTIG-052982	85	5	3	13	0
CONTIG-052983	182	9	22	67	0
CONTIG-052984	88	21	4	83	0
CONTIG-052985	170	7	4	36	0
CONTIG-052986	45	8	6	5	0
CONTIG-052987	96	7	7	20	0
CONTIG-052988	142	4	0	21	0
CONTIG-052989	71	4	2	2	2
CONTIG-052990	108	5	4	21	0
CONTIG-052991	79	8	3	19	0
CONTIG-053000	191	8	4	2	0
CONTIG-053001	306	5	12	49	0
CONTIG-053002	125	5	9	37	0
CONTIG-053003	253	5	11	8	0
CONTIG-053004	112	7	4	5	0

CONTIG-053005	122	4	2	12	0
CONTIG-053006	175	4	9	20	0
CONTIG-053007	116	4	0	9	2
CONTIG-053008	115	43	72	182	0
CONTIG-053009	60	4	4	9	0
CONTIG-053011	111	5	6	10	2
CONTIG-053012	306	6	16	55	0
CONTIG-053013	65	3	0	4	0
CONTIG-053014	91	7	5	13	0
CONTIG-053015	272	11	4	55	0
CONTIG-053016	58	3	6	4	0
CONTIG-053017	66	5	0	10	0
CONTIG-053018	37	217	76	94	0
CONTIG-053019	471	8	3	76	4
CONTIG-053020	58	9	19	0	0
CONTIG-053021	80	4	6	0	0
CONTIG-053022	112	6	6	6	0
CONTIG-053023	87	6	2	15	0
CONTIG-053025	264	8	8	48	4
CONTIG-053028	184	5	0	0	2
CONTIG-053029	292	6	5	56	3
CONTIG-053030	279	16	66	131	2
CONTIG-053031	77	10	5	15	0
CONTIG-053032	140	8	14	0	0
CONTIG-053033	75	5	21	2	0
CONTIG-053034	414	14	23	122	6
CONTIG-053036	223	11	9	73	0
CONTIG-053037	50	16	31	6	0
CONTIG-053038	146	6	21	23	0
CONTIG-053039	77	5	4	9	0
CONTIG-053040	291	49	46	556	4
CONTIG-053041	75	9	2	15	0
CONTIG-053043	164	33	0	148	6
CONTIG-053044	93	5	23	9	0
CONTIG-053045	256	14	28	161	0
CONTIG-053046	58	9	14	8	0
CONTIG-053047	662	12	11	279	2
CONTIG-053048	85	5	4	0	0
CONTIG-053049	330	19	13	39	0
CONTIG-053050	176	5	2	29	2
CONTIG-053051	75	3	0	8	0
CONTIG-053052	131	8	5	44	0
CONTIG-053053	91	8	3	27	0
CONTIG-053054	125	24	2	42	0
CONTIG-053055	162	8	2	41	0
CONTIG-053056	201	7	4	53	0
CONTIG-053057	391	18	49	272	4

CONTIG-053061	118	7	0	10	0
CONTIG-053062	226	28	22	241	2
CONTIG-053063	236	33	31	393	0
CONTIG-053064	123	15	30	46	0
CONTIG-053065	75	12	13	35	2
CONTIG-053066	81	4	2	0	0
CONTIG-053071	124	7	10	13	0
CONTIG-053075	81	13	56	0	0
CONTIG-053076	44	5	0	12	0
CONTIG-053077	425	17	34	164	0
CONTIG-053078	120	4	10	5	0
CONTIG-053079	89	8	6	15	0
CONTIG-053080	105	11	17	43	0
CONTIG-053081	157	5	0	29	0
CONTIG-053083	88	13	17	10	0
CONTIG-053084	275	10	15	80	2
CONTIG-053086	160	10	24	30	0
CONTIG-053087	167	11	10	39	0
CONTIG-053089	80	7	13	10	0
CONTIG-053090	157	5	3	4	0
CONTIG-053091	128	15	16	27	0
CONTIG-053092	169	17	55	113	0
CONTIG-053093	73	10	16	12	0
CONTIG-053094	106	8	5	11	0
CONTIG-053095	83	17	13	56	0
CONTIG-053096	68	21	13	35	0
CONTIG-053098	68	5	0	6	0
CONTIG-053099	84	20	29	46	0
CONTIG-053100	88	9	10	13	0
CONTIG-053101	234	6	3	35	0
CONTIG-053102	266	5	13	19	0
CONTIG-053105	280	30	47	350	0
CONTIG-053106	163	13	16	71	2
CONTIG-053107	67	5	11	6	0
CONTIG-053108	217	10	20	49	0
CONTIG-053109	91	8	8	13	0
CONTIG-053110	112	4	8	7	0
CONTIG-053111	143	12	13	53	0
CONTIG-053112	489	22	24	29	0
CONTIG-053113	133	7	19	11	0
CONTIG-053114	118	9	10	28	0
CONTIG-053115	150	4	3	23	2
CONTIG-053116	163	8	7	46	2
CONTIG-053117	116	5	2	18	0
CONTIG-053118	213	8	21	32	0
CONTIG-053119	334	12	0	0	0
CONTIG-053120	170	6	0	24	0

CONTIG-053121	164	18	4	59	0
CONTIG-053122	103	9	14	18	0
CONTIG-053123	59	6	3	11	0
CONTIG-053124	81	4	2	3	0
CONTIG-053125	96	9	21	30	0
CONTIG-053126	71	6	5	8	2
CONTIG-053127	184	7	7	49	0
CONTIG-053128	175	5	2	21	0
CONTIG-053129	140	7	2	26	0
CONTIG-053130	179	17	21	116	0
CONTIG-053131	276	15	3	208	0
CONTIG-053132	74	7	10	12	0
CONTIG-053133	109	7	6	15	0
CONTIG-053134	147	5	5	34	0
CONTIG-053135	61	4	5	0	0
CONTIG-053136	77	4	11	8	0
CONTIG-053137	136	4	6	8	0
CONTIG-053138	182	8	4	25	0
CONTIG-053139	70	18	17	41	0
CONTIG-053142	73	10	32	0	0
CONTIG-053143	62	3	0	0	2
CONTIG-053144	95	11	9	44	0
CONTIG-053145	109	5	7	19	0
CONTIG-053148	68	10	13	2	0
CONTIG-053150	80	7	0	23	0
CONTIG-053151	211	6	4	60	0
CONTIG-053152	86	8	9	25	0
CONTIG-053153	117	3	2	7	2
CONTIG-053154	188	8	7	36	0
CONTIG-053155	552	12	42	219	2
CONTIG-053156	166	7	22	27	0
CONTIG-053157	74	18	8	9	0
CONTIG-053158	61	6	16	9	0
CONTIG-053159	152	8	2	42	0
CONTIG-053161	177	14	4	0	22
CONTIG-053162	91	6	4	11	0
CONTIG-053163	490	10	61	199	0
CONTIG-053164	88	13	9	38	2
CONTIG-053165	111	6	0	24	0
CONTIG-053166	223	6	24	18	0
CONTIG-053167	73	9	0	31	0
CONTIG-053168	75	12	10	21	0
CONTIG-053169	87	6	6	14	0
CONTIG-053170	262	13	71	66	3
CONTIG-053171	65	504	5	129	0
CONTIG-053172	150	3	7	5	2
CONTIG-053174	77	4	0	10	0

CONTIG-053175	308	25	57	127	2
CONTIG-053176	59	9	16	12	0
CONTIG-053177	363	17	28	185	3
CONTIG-053178	527	10	34	104	2
CONTIG-053179	75	4	0	11	0
CONTIG-053180	64	6	7	4	0
CONTIG-053182	303	22	22	288	0
CONTIG-053183	90	4	2	10	0
CONTIG-053186	63	9	11	7	0
CONTIG-053187	232	8	4	62	0
CONTIG-053188	96	9	4	0	0
CONTIG-053192	83	24	10	58	0
CONTIG-053193	726	13	2	8	0
CONTIG-053194	155	13	32	67	0
CONTIG-053195	100	8	8	10	0
CONTIG-053196	106	5	0	13	0
CONTIG-053197	102	7	14	11	0
CONTIG-053198	80	5	6	0	0
CONTIG-053199	168	7	3	59	0
CONTIG-053200	123	3	7	0	2
CONTIG-053203	150	7	12	28	0
CONTIG-053204	89	6	18	2	0
CONTIG-053205	235	12	0	0	9
CONTIG-053206	724	15	37	444	0
CONTIG-053207	72	5	2	10	0
CONTIG-053213	97	5	9	6	0
CONTIG-053214	247	9	13	54	0
CONTIG-053215	249	51	28	6	0
CONTIG-053216	93	5	6	19	0
CONTIG-053217	112	4	3	16	0
CONTIG-053218	287	13	14	108	2
CONTIG-053219	191	42	5	107	5
CONTIG-053220	104	12	10	42	2
CONTIG-053221	65	8	3	19	0
CONTIG-053222	205	11	4	118	0
CONTIG-053223	82	9	12	23	0
CONTIG-053225	545	12	25	200	2
CONTIG-053226	129	10	4	38	0
CONTIG-053227	409	7	21	71	0
CONTIG-053228	295	7	5	36	0
CONTIG-053229	269	12	56	89	0
CONTIG-053230	115	8	5	32	0
CONTIG-053231	612	10	25	118	8
CONTIG-053232	92	4	2	9	0
CONTIG-053233	140	444	752	2655	19
CONTIG-053234	119	15	6	49	0
CONTIG-053235	138	7	4	22	0

CONTIG-053236	935	35	6	2	0
CONTIG-053237	112	21	4	75	2
CONTIG-053238	117	10	29	29	0
CONTIG-053243	567	11	23	139	0
CONTIG-053244	63	5	2	10	0
CONTIG-053245	504	11	17	260	0
CONTIG-053247	156	12	17	59	0
CONTIG-053248	154	12	2	81	0
CONTIG-053249	427	19	35	285	0
CONTIG-053250	347	14	38	93	22
CONTIG-053252	379	13	34	155	0
CONTIG-053253	125	10	9	39	0
CONTIG-053254	149	8	10	3	0
CONTIG-053255	220	6	5	45	2
CONTIG-053256	215	6	4	45	0
CONTIG-053257	172	4	7	11	0
CONTIG-053258	370	10	7	0	15
CONTIG-053262	166	7	14	22	2
CONTIG-053265	235	10	3	0	24
CONTIG-053266	159	4	3	14	0
CONTIG-053267	72	5	9	11	0
CONTIG-053268	128	12	15	28	0
CONTIG-053269	159	7	11	25	0
CONTIG-053270	273	9	8	74	0
CONTIG-053271	88	2	2	5	0
CONTIG-053272	126	7	2	28	0
CONTIG-053273	127	4	0	22	0
CONTIG-053274	203	9	27	65	0
CONTIG-053275	70	11	22	34	0
CONTIG-053276	78	3	9	0	0
CONTIG-053277	103	7	3	22	0
CONTIG-053278	159	8	2	5	0
CONTIG-053279	239	12	6	90	0
CONTIG-053280	176	12	16	71	0
CONTIG-053281	100	5	14	7	0
CONTIG-053282	102	5	16	13	0
CONTIG-053283	94	5	2	6	0
CONTIG-053284	299	8	47	86	0
CONTIG-053286	98	6	0	9	0
CONTIG-053288	411	8	29	113	0
CONTIG-053289	125	5	21	6	0
CONTIG-053290	244	25	72	153	0
CONTIG-053292	71	13	8	5	0
CONTIG-053293	101	8	11	33	0
CONTIG-053294	113	9	8	21	0
CONTIG-053295	216	8	0	37	0
CONTIG-053296	69	6	7	0	0

CONTIG-053297	36	476	17	181	0
CONTIG-053298	91	11	11	51	0
CONTIG-053299	79	5	6	7	0
CONTIG-053300	69	5	0	4	0
CONTIG-053301	668	55	17	17	0
CONTIG-053302	91	7	6	20	0
CONTIG-053303	203	8	4	68	0
CONTIG-053304	133	12	30	63	0
CONTIG-053305	319	7	3	34	0
CONTIG-053306	217	8	7	36	2
CONTIG-053307	117	9	7	30	0
CONTIG-053311	334	7	6	47	19
CONTIG-053312	121	6	11	5	0
CONTIG-053313	65	10	0	18	0
CONTIG-053315	189	6	33	10	0
CONTIG-053316	151	6	3	29	0
CONTIG-053317	88	4	10	4	0
CONTIG-053318	150	9	4	42	0
CONTIG-053319	78	5	0	11	0
CONTIG-053321	219	19	17	78	4
CONTIG-053322	197	9	11	43	2
CONTIG-053323	155	14	9	69	2
CONTIG-053331	191	9	17	60	0
CONTIG-053332	148	8	13	34	0
CONTIG-053333	267	6	4	39	0
CONTIG-053334	158	9	3	41	0
CONTIG-053335	92	9	5	34	0
CONTIG-053336	69	5	6	0	0
CONTIG-053337	107	5	3	18	0
CONTIG-053338	278	9	13	73	0
CONTIG-053339	73	19	7	21	0
CONTIG-053340	96	7	15	22	0
CONTIG-053341	60	6	4	7	0
CONTIG-053342	93	9	11	31	0
CONTIG-053343	68	5	16	6	0
CONTIG-053344	72	7	25	5	0
CONTIG-053345	96	14	27	29	0
CONTIG-053346	323	9	7	85	0
CONTIG-053349	167	6	10	29	0
CONTIG-053350	137	20	31	79	2
CONTIG-053351	164	6	17	17	0
CONTIG-053352	177	5	5	18	0
CONTIG-053353	75	11	2	38	0
CONTIG-053354	63	5	10	2	0
CONTIG-053355	124	6	0	27	0
CONTIG-053356	76	7	16	9	0
CONTIG-053357	134	8	7	24	0

CONTIG-053358	97	3	0	13	0
CONTIG-053359	93	2	5	2	0
CONTIG-053360	299	7	18	51	0
CONTIG-053362	92	28	4	83	0
CONTIG-053363	174	7	15	33	0
CONTIG-053364	160	6	7	28	0
CONTIG-053365	70	10	24	0	10
CONTIG-053366	129	6	5	11	0
CONTIG-053367	186	10	35	56	0
CONTIG-053368	149	6	16	14	0
CONTIG-053370	116	6	7	10	0
CONTIG-053371	67	10	7	20	2
CONTIG-053372	121	8	20	25	0
CONTIG-053373	166	4	0	6	0
CONTIG-053374	265	18	10	157	0
CONTIG-053375	58	8	6	6	0
CONTIG-053377	93	7	19	7	0
CONTIG-053378	113	6	17	16	0
CONTIG-053380	95	8	8	19	0
CONTIG-053384	209	6	14	34	0
CONTIG-053385	287	19	60	62	6
CONTIG-053386	136	16	25	110	0
CONTIG-053387	59	3	4	3	0
CONTIG-053388	100	6	12	17	0
CONTIG-053389	368	14	25	138	0
CONTIG-053390	81	5	5	5	0
CONTIG-053391	563	17	21	437	0
CONTIG-053392	81	6	8	9	0
CONTIG-053393	142	7	10	37	0
CONTIG-053394	86	313	325	1016	4
CONTIG-053395	228	9	24	74	0
CONTIG-053396	153	12	23	71	0
CONTIG-053397	577	16	5	87	0
CONTIG-053398	88	7	10	4	0
CONTIG-053399	677	28	0	1153	2
CONTIG-053400	232	6	10	19	2
CONTIG-053401	99	8	21	12	0
CONTIG-053402	86	5	2	3	0
CONTIG-053403	300	13	15	144	0
CONTIG-053404	442	12	5	0	0
CONTIG-053405	217	17	50	121	2
CONTIG-053411	148	17	6	111	2
CONTIG-053412	62	7	8	9	0
CONTIG-053413	322	13	8	220	0
CONTIG-053414	146	12	20	59	2
CONTIG-053416	81	4	2	8	0
CONTIG-053417	106	4	0	12	0

CONTIG-053418	414	14	11	188	0
CONTIG-053419	73	5	9	13	0
CONTIG-053420	156	6	10	19	0
CONTIG-053421	330	10	25	35	0
CONTIG-053422	103	9	35	8	0
CONTIG-053423	65	4	3	6	0
CONTIG-053424	203	27	4	0	17
CONTIG-053425	166	8	14	2	4
CONTIG-053426	70	5	5	2	0
CONTIG-053427	298	12	8	70	4
CONTIG-053428	768	16	29	588	2
CONTIG-053429	67	2	5	0	0
CONTIG-053430	346	12	20	89	0
CONTIG-053431	259	9	21	49	0
CONTIG-053432	137	8	24	0	0
CONTIG-053433	206	9	0	48	0
CONTIG-053435	330	12	41	143	0
CONTIG-053436	937	22	59	841	7
CONTIG-053437	100	6	15	4	0
CONTIG-053438	338	178	6	0	697
CONTIG-053439	108	10	10	2	0
CONTIG-053440	83	6	2	19	0
CONTIG-053442	96	13	17	23	0
CONTIG-053443	168	6	11	23	0
CONTIG-053444	174	5	3	11	0
CONTIG-053445	122	5	2	24	0
CONTIG-053446	279	4	6	27	0
CONTIG-053447	73	24	38	31	0
CONTIG-053448	500	14	19	240	0
CONTIG-053449	60	8	19	5	2
CONTIG-053450	96	9	5	5	0
CONTIG-053451	198	4	2	36	0
CONTIG-053453	70	5	5	4	0
CONTIG-053454	176	14	15	70	2
CONTIG-053455	112	7	3	24	0
CONTIG-053456	68	3	5	4	0
CONTIG-053457	461	10	30	79	2
CONTIG-053458	154	7	10	25	0
CONTIG-053459	159	12	12	51	0
CONTIG-053460	225	16	19	97	5
CONTIG-053461	125	13	15	44	2
CONTIG-053462	144	6	5	28	0
CONTIG-053464	76	5	0	7	5
CONTIG-053465	257	10	3	59	0
CONTIG-053466	102	6	5	29	0
CONTIG-053467	98	5	21	9	0
CONTIG-053468	58	7	6	2	0

CONTIG-053470	77	48	0	3	13
CONTIG-053471	285	11	3	99	0
CONTIG-053472	169	8	12	29	0
CONTIG-053473	63	3	0	2	0
CONTIG-053474	58	3	5	2	0
CONTIG-053475	224	13	14	92	0
CONTIG-053476	62	10	0	27	0
CONTIG-053477	121	6	0	26	0
CONTIG-053478	454	12	21	141	2
CONTIG-053479	70	15	16	39	0
CONTIG-053483	191	12	41	21	0
CONTIG-053484	86	39	3	146	0
CONTIG-053485	63	2	3	0	0
CONTIG-053486	63	3	2	5	0
CONTIG-053487	144	4	8	4	0
CONTIG-053490	241	8	12	37	0
CONTIG-053491	58	2	0	0	0
CONTIG-053494	68	6	2	10	0
CONTIG-053495	116	8	2	39	0
CONTIG-053497	112	45	34	129	4
CONTIG-053498	573	17	9	436	15
CONTIG-053499	445	19	17	142	2
CONTIG-053500	187	8	6	11	0
CONTIG-053501	104	4	2	8	0
CONTIG-053502	88	6	35	2	0
CONTIG-053503	61	12	38	16	0
CONTIG-053504	251	11	41	87	2
CONTIG-053505	59	18	24	41	0
CONTIG-053506	88	3	7	4	0
CONTIG-053508	203	11	23	69	0
CONTIG-053511	930	17	24	643	2
CONTIG-053512	197	4	13	6	0
CONTIG-053513	153	12	2	38	6
CONTIG-053514	196	7	2	41	0
CONTIG-053515	94	5	4	11	0
CONTIG-053516	59	7	4	10	0
CONTIG-053517	89	2	0	3	0
CONTIG-053518	87	11	8	20	0
CONTIG-053519	75	3	0	2	0
CONTIG-053520	126	6	15	8	0
CONTIG-053521	282	16	9	145	6
CONTIG-053522	529	9	52	180	0
CONTIG-053523	403	20	31	411	0
CONTIG-053524	151	17	27	71	0
CONTIG-053525	95	7	14	10	2
CONTIG-053526	62	5	3	6	0
CONTIG-053527	160	5	7	20	0

CONTIG-053528	36	1758	0	0	1030
CONTIG-053531	72	5	0	3	0
CONTIG-053532	74	6	13	17	0
CONTIG-053533	68	8	3	6	0
CONTIG-053534	126	24	4	100	5
CONTIG-053535	89	7	26	2	0
CONTIG-053536	130	4	8	5	0
CONTIG-053537	107	5	0	14	0
CONTIG-053538	389	35	2	838	0
CONTIG-053539	83	11	25	16	0
CONTIG-053540	647	13	24	243	5
CONTIG-053544	149	8	13	12	0
CONTIG-053545	62	4	5	9	0
CONTIG-053546	117	14	6	59	6
CONTIG-053547	67	5	6	10	0
CONTIG-053548	136	9	0	61	0
CONTIG-053549	69	4	0	8	0
CONTIG-053550	99	9	28	2	0
CONTIG-053551	274	10	24	112	0
CONTIG-053552	93	5	5	13	0
CONTIG-053553	396	13	12	200	0
CONTIG-053554	253	8	10	60	0
CONTIG-053555	77	3	0	4	0
CONTIG-053562	97	5	0	18	0
CONTIG-053563	152	13	13	70	2
CONTIG-053564	555	13	2	3	63
CONTIG-053566	87	7	2	2	0
CONTIG-053567	122	8	21	25	0
CONTIG-053568	170	5	19	17	0
CONTIG-053569	129	8	10	30	0
CONTIG-053575	248	29	55	227	4
CONTIG-053577	112	6	20	20	0
CONTIG-053578	94	17	25	40	0
CONTIG-053579	161	13	49	61	0
CONTIG-053580	151	6	9	20	0
CONTIG-053581	87	10	2	34	0
CONTIG-053582	239	24	37	223	6
CONTIG-053583	117	6	2	8	0
CONTIG-053584	74	10	13	23	0
CONTIG-053589	81	5	3	16	0
CONTIG-053590	73	8	2	14	0
CONTIG-053591	824	17	20	708	0
CONTIG-053592	83	8	2	14	0
CONTIG-053593	86	12	30	15	0
CONTIG-053595	283	17	43	141	2
CONTIG-053596	143	10	8	43	0
CONTIG-053597	75	9	6	9	0

CONTIG-053598	92	23	0	82	2
CONTIG-053599	613	25	57	36	0
CONTIG-053600	138	7	4	28	0
CONTIG-053601	515	31	24	619	0
CONTIG-053602	140	8	5	35	0
CONTIG-053603	432	8	51	92	0
CONTIG-053604	174	10	17	72	0
CONTIG-053605	203	15	14	60	0
CONTIG-053606	193	10	29	40	0
CONTIG-053608	68	5	13	4	0
CONTIG-053609	89	10	28	23	0
CONTIG-053610	58	9	4	21	0
CONTIG-053611	152	212	10	615	9
CONTIG-053613	147	8	4	38	0
CONTIG-053614	72	7	13	0	0
CONTIG-053615	106	7	9	16	0
CONTIG-053616	443	13	11	15	0
CONTIG-053617	37	61	0	4	0
CONTIG-053618	58	7	4	4	0
CONTIG-053619	109	5	4	11	0
CONTIG-053620	268	22	8	259	5
CONTIG-053621	121	10	6	31	0
CONTIG-053622	115	7	6	11	0
CONTIG-053623	537	10	29	142	9
CONTIG-053624	357	7	26	79	0
CONTIG-053627	160	11	9	63	0
CONTIG-053630	502	16	0	0	2
CONTIG-053631	85	10	12	22	0
CONTIG-053632	285	29	79	192	0
CONTIG-053633	219	15	5	116	16
CONTIG-053634	100	5	6	12	0
CONTIG-053635	393	14	32	200	2
CONTIG-053636	181	11	27	63	0
CONTIG-053637	82	6	0	17	0
CONTIG-053638	93	2	2	4	0
CONTIG-053639	66	3	0	5	0
CONTIG-053640	345	10	17	97	0
CONTIG-053641	36	592	3	0	11
CONTIG-053642	91	8	17	18	0
CONTIG-053643	99	3	2	7	0
CONTIG-053644	78	3	2	7	0
CONTIG-053645	111	6	2	20	0
CONTIG-053647	183	36	2	242	18
CONTIG-053648	322	13	21	163	2
CONTIG-053649	73	16	2	41	0
CONTIG-053650	207	6	6	31	0
CONTIG-053651	71	59	8	176	0

CONTIG-053652	177	4	3	18	0
CONTIG-053653	72	6	8	6	0
CONTIG-053654	446	25	6	90	0
CONTIG-053655	384	15	16	163	6
CONTIG-053656	187	9	10	11	6
CONTIG-053657	163	6	7	49	0
CONTIG-053658	71	13	15	28	0
CONTIG-053659	413	7	52	56	0
CONTIG-053660	459	8	14	32	0
CONTIG-053661	244	8	25	46	2
CONTIG-053662	266	17	19	123	0
CONTIG-053663	58	3	0	2	0
CONTIG-053664	109	7	8	8	0
CONTIG-053665	176	8	34	39	0
CONTIG-053666	150	5	2	19	0
CONTIG-053667	238	8	15	76	0
CONTIG-053669	104	4	9	19	0
CONTIG-053671	348	23	28	328	0
CONTIG-053672	270	11	5	42	5
CONTIG-053674	149	7	8	12	3
CONTIG-053675	329	9	8	107	2
CONTIG-053676	71	8	4	23	0
CONTIG-053677	171	6	5	12	0
CONTIG-053678	67	23	0	61	2
CONTIG-053679	86	4	0	3	2
CONTIG-053680	79	6	2	13	0
CONTIG-053681	59	3	2	4	0
CONTIG-053682	165	9	0	47	2
CONTIG-053683	60	5	4	6	0
CONTIG-053684	101	12	23	22	0
CONTIG-053687	134	6	2	11	0
CONTIG-053688	196	9	2	26	2
CONTIG-053689	96	30	12	72	2
CONTIG-053690	124	8	2	28	0
CONTIG-053691	297	16	25	163	3
CONTIG-053692	74	3	3	9	0
CONTIG-053693	470	12	13	163	0
CONTIG-053694	288	11	19	132	0
CONTIG-053695	683	22	34	466	4
CONTIG-053696	219	14	13	89	0
CONTIG-053698	110	9	2	40	0
CONTIG-053699	74	9	23	17	0
CONTIG-053700	269	7	2	55	0
CONTIG-053701	306	19	6	68	2
CONTIG-053702	72	7	2	15	0
CONTIG-053703	360	27	24	302	14
CONTIG-053704	91	8	0	19	0

CONTIG-053705	82	8	5	18	2
CONTIG-053706	305	11	12	53	2
CONTIG-053707	245	12	9	124	0
CONTIG-053716	139	6	18	23	0
CONTIG-053718	228	28	45	61	0
CONTIG-053719	67	8	7	12	0
CONTIG-053720	171	8	19	33	0
CONTIG-053722	306	12	9	8	31
CONTIG-053724	142	8	6	40	0
CONTIG-053725	166	9	58	9	2
CONTIG-053726	152	13	16	89	0
CONTIG-053728	102	4	0	21	0
CONTIG-053729	59	4	10	4	0
CONTIG-053730	58	5	2	7	2
CONTIG-053731	61	19	26	2	0
CONTIG-053733	76	5	7	12	0
CONTIG-053738	160	11	9	56	0
CONTIG-053739	140	9	10	21	0
CONTIG-053749	219	14	14	79	0
CONTIG-053750	171	12	0	78	0
CONTIG-053751	336	5	4	68	0
CONTIG-053752	96	30	65	27	0
CONTIG-053753	95	10	41	2	0
CONTIG-053754	238	10	2	22	0
CONTIG-053755	95	5	6	13	0
CONTIG-053756	149	7	2	42	0
CONTIG-053757	246	9	4	70	0
CONTIG-053758	151	6	0	27	0
CONTIG-053759	136	8	0	34	2
CONTIG-053760	148	6	22	5	0
CONTIG-053761	108	17	2	36	0
CONTIG-053762	201	3	4	10	0
CONTIG-053763	72	10	11	25	0
CONTIG-053764	92	7	6	9	0
CONTIG-053765	100	8	2	4	0
CONTIG-053766	104	9	5	32	0
CONTIG-053767	231	16	25	122	0
CONTIG-053768	75	6	28	3	0
CONTIG-053769	66	5	17	2	0
CONTIG-053770	435	21	3	0	36
CONTIG-053771	76	5	3	4	0
CONTIG-053772	58	4	4	8	0
CONTIG-053773	236	7	0	46	0
CONTIG-053774	67	5	4	9	0
CONTIG-053775	90	5	2	3	0
CONTIG-053776	159	7	11	0	0
CONTIG-053777	74	5	2	13	0

CONTIG-053778	76	5	2	6	0
CONTIG-053780	67	6	4	12	0
CONTIG-053781	58	8	2	23	0
CONTIG-053782	257	22	7	170	0
CONTIG-053790	382	8	15	113	0
CONTIG-053791	92	23	7	46	0
CONTIG-053792	89	3	17	5	0
CONTIG-053793	64	5	6	4	0
CONTIG-053794	190	7	0	5	0
CONTIG-053795	64	4	2	0	0
CONTIG-053796	94	6	15	9	0
CONTIG-053797	191	12	3	101	0
CONTIG-053798	111	3	5	9	0
CONTIG-053799	197	4	11	11	0
CONTIG-053800	280	10	25	66	0
CONTIG-053801	149	10	3	66	0
CONTIG-053802	78	4	7	2	0
CONTIG-053806	339	11	48	102	0
CONTIG-053808	402	12	60	75	6
CONTIG-053809	112	14	14	12	0
CONTIG-053810	111	10	2	58	0
CONTIG-053811	121	64	4	75	0
CONTIG-053812	352	7	17	85	0
CONTIG-053813	195	8	23	59	0
CONTIG-053814	61	8	4	24	0
CONTIG-053815	166	10	19	14	0
CONTIG-053816	144	12	5	67	0
CONTIG-053817	131	7	25	9	0
CONTIG-053818	171	9	11	27	0
CONTIG-053819	259	8	19	13	0
CONTIG-053820	65	5	0	2	0
CONTIG-053821	133	20	11	105	0
CONTIG-053822	92	9	29	8	0
CONTIG-053823	155	9	29	12	0
CONTIG-053826	184	14	3	99	0
CONTIG-053827	79	6	0	7	0
CONTIG-053828	403	32	21	366	6
CONTIG-053829	88	5	18	4	0
CONTIG-053830	248	11	6	96	0
CONTIG-053831	97	5	8	16	0
CONTIG-053832	179	19	4	154	0
CONTIG-053833	81	7	25	10	0
CONTIG-053834	99	8	24	11	0
CONTIG-053835	77	8	2	14	0
CONTIG-053836	151	9	0	0	4
CONTIG-053837	95	12	94	0	0
CONTIG-053838	678	35	3	0	14

CONTIG-053839	70	9	0	12	0
CONTIG-053840	81	9	6	9	0
CONTIG-053841	293	8	9	60	0
CONTIG-053842	142	5	4	0	0
CONTIG-053844	74	12	7	7	0
CONTIG-053845	175	11	50	16	0
CONTIG-053846	161	7	17	26	0
CONTIG-053847	74	11	2	39	0
CONTIG-053848	161	10	26	9	0
CONTIG-053849	351	17	12	210	3
CONTIG-053850	103	8	9	10	0
CONTIG-053851	388	67	0	25	0
CONTIG-053852	534	10	32	145	0
CONTIG-053853	81	6	8	12	0
CONTIG-053854	62	5	4	3	0
CONTIG-053855	155	9	21	52	0
CONTIG-053856	79	10	7	20	0
CONTIG-053858	191	11	4	2	0
CONTIG-053859	125	4	4	15	0
CONTIG-053860	65	23	16	5	6
CONTIG-053861	96	7	2	14	0
CONTIG-053862	92	5	11	0	0
CONTIG-053863	444	13	36	119	4
CONTIG-053864	52	68	15	129	0
CONTIG-053865	1570	43	72	876	210
CONTIG-053866	251	10	20	43	0
CONTIG-053867	184	6	9	27	0
CONTIG-053868	66	6	2	8	0
CONTIG-053870	93	5	2	11	0
CONTIG-053871	345	15	17	160	0
CONTIG-053872	143	9	4	40	0
CONTIG-053873	90	8	7	26	0
CONTIG-053878	117	17	10	50	2
CONTIG-053879	110	6	6	20	0
CONTIG-053880	199	19	23	139	0
CONTIG-053881	242	6	7	10	0
CONTIG-053882	97	15	5	31	5
CONTIG-053883	75	8	14	9	0
CONTIG-053884	394	8	28	79	2
CONTIG-053885	136	10	10	16	2
CONTIG-053886	61	4	3	6	0
CONTIG-053887	842	11	5	280	2
CONTIG-053888	58	7	14	11	0
CONTIG-053889	59	149	6	405	0
CONTIG-053890	114	4	5	17	0
CONTIG-053891	138	5	0	6	0
CONTIG-053893	216	26	9	243	6

CONTIG-053895	384	7	31	87	0
CONTIG-053896	111	3	4	2	0
CONTIG-053898	72	4	6	12	0
CONTIG-053899	165	9	7	37	0
CONTIG-053900	280	9	7	100	0
CONTIG-053902	186	6	2	24	2
CONTIG-053903	98	21	16	58	0
CONTIG-053904	239	13	7	87	6
CONTIG-053905	89	10	18	12	0
CONTIG-053906	97	7	14	10	0
CONTIG-053907	191	7	5	57	0
CONTIG-053911	204	7	36	26	0
CONTIG-053912	342	7	19	35	0
CONTIG-053913	86	14	9	8	0
CONTIG-053914	72	6	2	2	0
CONTIG-053915	119	7	5	3	0
CONTIG-053916	236	6	18	26	0
CONTIG-053917	61	7	4	9	0
CONTIG-053918	346	13	12	113	4
CONTIG-053919	76	16	14	46	0
CONTIG-053920	62	4	4	2	0
CONTIG-053921	62	2	5	0	0
CONTIG-053922	95	46	9	212	8
CONTIG-053923	80	4	2	5	0
CONTIG-053924	116	8	15	24	0
CONTIG-053925	174	82	0	0	54
CONTIG-053926	78	245	0	0	168
CONTIG-053927	226	5	11	36	0
CONTIG-053928	154	6	0	14	2
CONTIG-053929	203	9	24	59	0
CONTIG-053930	151	6	18	16	0
CONTIG-053931	527	15	36	281	2
CONTIG-053932	270	9	21	65	0
CONTIG-053933	62	2	0	6	0
CONTIG-053934	500	12	6	213	8
CONTIG-053935	292	7	5	2	0
CONTIG-053936	112	6	24	16	0
CONTIG-053937	78	5	13	13	0
CONTIG-053938	63	6	8	9	0
CONTIG-053939	374	7	3	80	0
CONTIG-053940	195	23	4	250	2
CONTIG-053941	108	4	2	8	0
CONTIG-053942	79	12	29	14	0
CONTIG-053943	87	10	0	36	0
CONTIG-053944	79	11	29	19	0
CONTIG-053945	108	15	4	26	4
CONTIG-053946	149	17	5	99	2

CONTIG-053947	41	82	26	45	0
CONTIG-053948	59	9	16	13	0
CONTIG-053949	154	4	13	4	0
CONTIG-053950	68	17	13	2	0
CONTIG-053951	176	15	6	86	0
CONTIG-053953	336	11	45	123	0
CONTIG-053954	345	12	17	47	0
CONTIG-053955	251	7	13	40	2
CONTIG-053956	139	7	2	30	0
CONTIG-053957	160	6	0	38	0
CONTIG-053958	95	9	47	0	0
CONTIG-053959	90	4	7	7	0
CONTIG-053960	76	7	3	7	0
CONTIG-053961	93	6	8	14	0
CONTIG-053962	90	5	8	0	0
CONTIG-053963	69	4	0	8	0
CONTIG-053964	69	5	2	4	0
CONTIG-053969	62	7	12	2	0
CONTIG-053970	112	11	12	34	0
CONTIG-053971	370	10	33	89	0
CONTIG-053972	135	8	10	44	0
CONTIG-053973	281	10	8	108	0
CONTIG-053975	225	10	2	18	0
CONTIG-053976	183	33	5	268	14
CONTIG-053977	120	35	11	78	0
CONTIG-053978	130	5	17	5	0
CONTIG-053979	59	4	5	0	0
CONTIG-053980	155	4	2	23	0
CONTIG-053981	113	6	2	15	0
CONTIG-053982	95	4	2	6	0
CONTIG-053983	195	8	2	47	0
CONTIG-053984	129	9	12	33	0
CONTIG-053985	186	8	6	24	0
CONTIG-053988	205	6	0	44	0
CONTIG-053989	62	3	0	2	0
CONTIG-053990	175	11	5	92	0
CONTIG-053991	95	24	8	77	0
CONTIG-053994	151	16	26	61	0
CONTIG-053995	104	15	4	59	3
CONTIG-053996	724	11	3	54	0
CONTIG-053997	59	2	3	0	0
CONTIG-053998	107	8	5	2	5
CONTIG-053999	139	16	0	14	0
CONTIG-054001	117	38	20	147	0
CONTIG-054002	103	3	3	6	0
CONTIG-054006	203	8	2	39	2
CONTIG-054009	243	6	21	23	2

CONTIG-054010	80	54	8	157	5
CONTIG-054011	340	11	7	181	2
CONTIG-054012	80	7	4	18	0
CONTIG-054013	128	12	14	34	0
CONTIG-054014	198	6	16	32	0
CONTIG-054016	166	36	37	249	0
CONTIG-054017	273	9	18	48	0
CONTIG-054026	81	2	2	2	0
CONTIG-054027	609	24	4	0	0
CONTIG-054028	97	4	4	2	0
CONTIG-054029	60	21	4	51	0
CONTIG-054030	119	4	2	20	0
CONTIG-054031	307	7	15	48	0
CONTIG-054032	294	62	32	893	0
CONTIG-054033	65	9	24	2	0
CONTIG-054035	89	5	12	12	0
CONTIG-054036	253	11	13	91	0
CONTIG-054037	169	13	4	72	0
CONTIG-054038	200	9	13	60	0
CONTIG-054039	301	17	10	193	0
CONTIG-054040	101	8	14	26	0
CONTIG-054041	99	5	0	13	0
CONTIG-054042	666	16	33	326	53
CONTIG-054043	196	6	2	9	0
CONTIG-054045	185	28	0	0	55
CONTIG-054046	237	8	29	59	0
CONTIG-054047	162	7	6	27	0
CONTIG-054048	197	13	18	117	0
CONTIG-054052	59	7	6	6	0
CONTIG-054055	327	18	13	223	6
CONTIG-054057	396	21	43	279	0
CONTIG-054058	84	3	5	2	0
CONTIG-054059	168	8	8	9	2
CONTIG-054060	91	3	3	2	0
CONTIG-054061	95	5	12	4	0
CONTIG-054062	309	11	69	121	0
CONTIG-054063	68	5	0	7	0
CONTIG-054064	109	46	13	248	0
CONTIG-054065	344	19	58	70	0
CONTIG-054066	227	14	24	167	0
CONTIG-054067	71	10	8	7	0
CONTIG-054068	63	22	26	0	0
CONTIG-054069	72	13	20	13	0
CONTIG-054070	75	7	11	6	0
CONTIG-054072	45	88	4	124	0
CONTIG-054073	150	6	2	0	4
CONTIG-054074	579	25	37	826	0

CONTIG-054075	93	7	23	16	0
CONTIG-054076	315	4	12	39	0
CONTIG-054077	397	26	22	592	0
CONTIG-054079	62	7	7	4	0
CONTIG-054080	87	5	7	4	0
CONTIG-054082	118	5	5	6	0
CONTIG-054083	364	13	33	126	0
CONTIG-054084	477	12	45	156	0
CONTIG-054085	87	8	5	33	0
CONTIG-054086	442	16	21	275	7
CONTIG-054087	59	6	2	6	0
CONTIG-054088	135	28	11	88	0
CONTIG-054090	253	8	5	53	0
CONTIG-054091	310	5	5	38	0
CONTIG-054092	230	6	3	33	0
CONTIG-054093	77	6	9	4	0
CONTIG-054094	154	23	35	179	0
CONTIG-054098	99	5	5	8	0
CONTIG-054099	225	7	12	43	0
CONTIG-054100	91	5	0	13	0
CONTIG-054101	480	129	0	0	774
CONTIG-054102	418	12	47	90	0
CONTIG-054103	209	7	10	26	0
CONTIG-054104	151	7	5	16	0
CONTIG-054105	104	4	5	6	0
CONTIG-054107	201	17	6	130	0
CONTIG-054108	91	7	15	19	0
CONTIG-054109	116	7	14	23	0
CONTIG-054110	153	15	15	86	2
CONTIG-054111	51	21	3	19	0
CONTIG-054113	60	21	14	0	0
CONTIG-054114	304	9	15	100	0
CONTIG-054115	74	9	5	17	0
CONTIG-054116	142	8	8	33	0
CONTIG-054117	346	8	9	72	2
CONTIG-054118	617	15	54	145	17
CONTIG-054119	86	3	5	0	0
CONTIG-054120	67	7	4	17	0
CONTIG-054122	241	11	11	85	2
CONTIG-054124	250	21	17	220	0
CONTIG-054125	111	9	0	26	0
CONTIG-054126	128	1132	40	4230	0
CONTIG-054127	67	7	2	14	0
CONTIG-054128	89	10	5	0	11
CONTIG-054129	105	8	15	2	0
CONTIG-054130	393	10	41	163	0
CONTIG-054131	193	10	0	3	0

CONTIG-054132	144	5	27	11	0
CONTIG-054133	96	9	9	0	0
CONTIG-054134	80	5	6	10	0
CONTIG-054135	76	14	12	27	0
CONTIG-054136	329	39	3	4	0
CONTIG-054137	423	8	15	134	0
CONTIG-054138	213	10	6	78	0
CONTIG-054139	86	61	30	103	5
CONTIG-054140	257	20	39	204	0
CONTIG-054141	78	7	6	0	0
CONTIG-054142	83	5	4	0	0
CONTIG-054143	72	3	5	4	0
CONTIG-054144	77	19	12	39	0
CONTIG-054145	420	16	25	295	0
CONTIG-054146	107	10	2	47	0
CONTIG-054147	73	4	3	7	0
CONTIG-054148	71	4	7	8	0
CONTIG-054149	205	15	40	153	0
CONTIG-054150	289	20	45	200	2
CONTIG-054151	71	6	10	0	0
CONTIG-054154	169	4	14	11	0
CONTIG-054155	118	5	2	22	0
CONTIG-054156	91	9	7	12	0
CONTIG-054157	114	13	7	36	0
CONTIG-054158	321	6	4	16	2
CONTIG-054159	112	5	6	13	0
CONTIG-054160	90	9	18	16	0
CONTIG-054161	103	8	24	15	0
CONTIG-054162	136	9	3	0	16
CONTIG-054163	146	44	16	181	0
CONTIG-054164	68	2	2	4	0
CONTIG-054165	126	6	7	28	0
CONTIG-054166	142	20	30	0	0
CONTIG-054167	60	7	0	11	0
CONTIG-054168	213	11	17	66	2
CONTIG-054169	165	13	12	68	0
CONTIG-054170	246	8	17	17	0
CONTIG-054171	595	11	45	258	0
CONTIG-054172	128	15	13	51	0
CONTIG-054173	274	12	17	154	0
CONTIG-054174	69	4	4	4	0
CONTIG-054175	63	58	21	177	0
CONTIG-054176	120	8	0	20	0
CONTIG-054177	362	13	55	155	0
CONTIG-054178	425	15	66	192	0
CONTIG-054179	120	7	8	13	0
CONTIG-054180	146	68	60	111	4

CONTIG-054181	124	11	7	31	0
CONTIG-054185	176	10	6	63	0
CONTIG-054186	223	7	16	47	0
CONTIG-054187	246	9	6	62	0
CONTIG-054188	574	49	18	1022	16
CONTIG-054189	66	5	8	0	0
CONTIG-054190	287	7	20	21	0
CONTIG-054191	109	7	34	0	0
CONTIG-054193	75	8	21	3	0
CONTIG-054194	343	11	8	59	0
CONTIG-054195	86	12	52	9	0
CONTIG-054196	458	13	2	276	0
CONTIG-054197	105	5	7	23	0
CONTIG-054198	114	18	7	86	0
CONTIG-054199	82	2	2	0	0
CONTIG-054200	146	13	23	44	0
CONTIG-054201	169	21	6	209	0
CONTIG-054202	114	6	5	26	0
CONTIG-054209	81	6	13	9	0
CONTIG-054211	344	15	21	267	0
CONTIG-054212	72	4	16	5	0
CONTIG-054214	281	19	8	228	0
CONTIG-054215	89	3	4	0	0
CONTIG-054216	64	9	19	11	0
CONTIG-054218	276	11	4	97	0
CONTIG-054219	178	14	24	58	0
CONTIG-054222	64	3	0	7	0
CONTIG-054223	66	5	9	5	0
CONTIG-054224	59	6	6	2	0
CONTIG-054227	62	25	12	25	0
CONTIG-054228	87	9	39	4	0
CONTIG-054229	443	13	34	190	0
CONTIG-054230	112	9	0	13	0
CONTIG-054231	619	19	15	125	0
CONTIG-054232	159	10	14	56	0
CONTIG-054233	174	4	0	14	0
CONTIG-054234	58	3	9	2	0
CONTIG-054235	153	12	18	57	2
CONTIG-054236	93	7	8	23	0
CONTIG-054237	214	7	0	26	0
CONTIG-054238	108	21	16	89	2
CONTIG-054239	70	5	3	8	0
CONTIG-054242	75	7	4	8	0
CONTIG-054243	72	16	21	0	0
CONTIG-054244	84	3	4	6	0
CONTIG-054245	239	9	10	69	2
CONTIG-054246	143	7	40	15	0

CONTIG-054247	66	6	3	8	0
CONTIG-054248	106	25	15	3	6
CONTIG-054249	263	4	4	28	0
CONTIG-054251	91	17	30	25	0
CONTIG-054252	1606	25	48	761	58
CONTIG-054253	179	11	0	88	0
CONTIG-054254	74	3	10	2	0
CONTIG-054255	175	10	28	60	2
CONTIG-054256	138	9	9	37	0
CONTIG-054259	116	4	6	21	0
CONTIG-054260	181	16	11	145	2
CONTIG-054261	406	6	28	65	0
CONTIG-054262	105	14	33	18	0
CONTIG-054263	143	8	19	14	0
CONTIG-054264	100	5	2	10	0
CONTIG-054265	428	54	9	1463	0
CONTIG-054266	159	6	11	33	0
CONTIG-054267	341	11	14	143	0
CONTIG-054268	89	5	20	0	0
CONTIG-054269	100	6	2	15	0
CONTIG-054270	72	13	11	6	0
CONTIG-054271	244	13	38	101	0
CONTIG-054272	81	5	2	2	0
CONTIG-054273	96	4	7	6	0
CONTIG-054274	112	7	2	30	0
CONTIG-054275	67	7	4	0	0
CONTIG-054276	63	4	11	0	0
CONTIG-054277	149	6	8	27	0
CONTIG-054278	212	17	5	0	14
CONTIG-054279	96	7	10	0	0
CONTIG-054280	62	6	4	2	0
CONTIG-054281	117	6	5	17	0
CONTIG-054282	70	5	7	4	0
CONTIG-054283	94	5	7	2	0
CONTIG-054284	290	15	49	92	2
CONTIG-054285	145	6	0	28	0
CONTIG-054286	107	7	2	18	0
CONTIG-054287	255	11	56	45	8
CONTIG-054290	71	4	0	10	0
CONTIG-054291	70	8	3	11	0
CONTIG-054292	63	6	0	13	0
CONTIG-054293	67	6	4	10	0
CONTIG-054294	87	3	0	10	0
CONTIG-054295	62	10	10	24	0
CONTIG-054296	67	5	12	3	0
CONTIG-054297	218	18	4	140	2
CONTIG-054298	135	5	11	4	0

CONTIG-054299	131	19	0	9	0
CONTIG-054300	116	6	4	8	0
CONTIG-054301	176	6	8	29	0
CONTIG-054302	178	7	5	33	0
CONTIG-054303	45	208	30	136	0
CONTIG-054304	79	2	2	4	0
CONTIG-054305	64	10	8	0	0
CONTIG-054306	150	4	5	18	0
CONTIG-054307	128	20	31	22	11
CONTIG-054308	136	6	2	14	0
CONTIG-054309	88	7	4	13	0
CONTIG-054310	280	8	0	58	0
CONTIG-054311	105	5	9	8	0
CONTIG-054312	73	7	7	7	0
CONTIG-054313	80	16	52	33	0
CONTIG-054314	68	17	19	30	0
CONTIG-054315	140	5	7	18	0
CONTIG-054316	232	10	12	47	0
CONTIG-054317	116	6	14	30	0
CONTIG-054318	62	5	3	2	0
CONTIG-054319	62	7	9	19	0
CONTIG-054320	72	56	3	75	0
CONTIG-054321	104	13	10	43	0
CONTIG-054322	546	13	2	0	30
CONTIG-054323	59	7	11	14	0
CONTIG-054325	88	9	6	28	0
CONTIG-054329	69	24	2	31	0
CONTIG-054330	70	12	2	6	0
CONTIG-054331	365	8	3	7	0
CONTIG-054332	189	5	10	23	0
CONTIG-054335	229	12	18	85	0
CONTIG-054336	384	14	25	128	6
CONTIG-054337	120	7	4	22	2
CONTIG-054338	622	9	19	223	0
CONTIG-054339	75	6	3	2	0
CONTIG-054340	84	6	11	7	0
CONTIG-054341	546	14	35	254	2
CONTIG-054342	147	4	3	6	0
CONTIG-054343	66	14	26	8	4
CONTIG-054344	216	8	4	39	0
CONTIG-054345	209	8	22	36	0
CONTIG-054353	41	15	2	0	0
CONTIG-054354	134	7	7	29	0
CONTIG-054355	58	7	11	12	0
CONTIG-054356	148	12	11	50	0
CONTIG-054357	114	5	2	4	0
CONTIG-054358	103	6	22	5	0

CONTIG-054359	188	9	19	20	0
CONTIG-054361	60	5	12	2	0
CONTIG-054362	156	6	13	27	0
CONTIG-054363	536	19	6	271	4
CONTIG-054364	242	9	22	73	0
CONTIG-054365	89	76	6	158	4
CONTIG-054367	96	3	0	9	0
CONTIG-054368	327	53	10	646	0
CONTIG-054369	190	6	13	16	0
CONTIG-054370	230	10	26	67	0
CONTIG-054371	216	47	5	569	2
CONTIG-054372	149	7	5	21	0
CONTIG-054373	85	6	2	13	0
CONTIG-054376	160	5	3	12	0
CONTIG-054380	84	5	3	0	0
CONTIG-054381	218	17	7	151	4
CONTIG-054382	69	6	15	8	0
CONTIG-054383	169	8	18	56	0
CONTIG-054384	91	8	5	25	2
CONTIG-054386	226	5	8	25	0
CONTIG-054387	135	5	2	19	0
CONTIG-054388	118	12	21	6	0
CONTIG-054389	342	10	15	67	2
CONTIG-054390	537	14	14	193	2
CONTIG-054395	79	4	11	0	0
CONTIG-054396	94	13	14	28	0
CONTIG-054397	83	8	0	18	0
CONTIG-054402	76	10	2	26	0
CONTIG-054403	120	9	40	30	0
CONTIG-054404	397	8	35	56	2
CONTIG-054405	120	7	10	17	0
CONTIG-054406	162	10	12	20	0
CONTIG-054407	255	10	5	122	0
CONTIG-054408	454	9	15	78	0
CONTIG-054409	165	6	27	9	0
CONTIG-054410	210	27	28	23	0
CONTIG-054411	74	10	16	14	0
CONTIG-054412	60	10	14	9	0
CONTIG-054413	78	14	33	0	0
CONTIG-054414	78	11	4	30	0
CONTIG-054415	59	6	6	4	0
CONTIG-054416	151	15	16	77	2
CONTIG-054418	74	6	3	0	0
CONTIG-054420	156	4	2	0	4
CONTIG-054421	290	12	19	128	2
CONTIG-054425	140	9	8	25	0
CONTIG-054426	159	7	12	22	0

CONTIG-054427	233	10	5	61	0
CONTIG-054428	302	15	10	90	0
CONTIG-054429	178	13	9	105	0
CONTIG-054430	366	15	19	158	2
CONTIG-054431	178	6	4	24	0
CONTIG-054432	145	19	15	87	0
CONTIG-054433	45	99	4	136	0
CONTIG-054434	218	34	8	27	14
CONTIG-054435	92	6	12	0	0
CONTIG-054437	130	11	9	66	0
CONTIG-054438	237	10	7	109	0
CONTIG-054441	163	3	12	8	2
CONTIG-054442	81	8	6	14	0
CONTIG-054443	77	9	7	19	0
CONTIG-054444	77	6	9	10	0
CONTIG-054445	766	12	75	203	6
CONTIG-054446	155	8	17	6	0
CONTIG-054448	61	3	4	2	0
CONTIG-054449	145	12	11	4	0
CONTIG-054450	180	6	2	31	0
CONTIG-054451	91	4	0	15	0
CONTIG-054452	69	5	2	8	0
CONTIG-054453	328	11	17	177	0
CONTIG-054454	64	9	7	13	0
CONTIG-054455	132	5	8	25	0
CONTIG-054456	165	5	21	7	0
CONTIG-054457	159	10	13	45	0
CONTIG-054458	306	8	2	106	0
CONTIG-054459	68	6	9	10	0
CONTIG-054460	89	5	7	7	0
CONTIG-054461	94	9	6	26	0
CONTIG-054462	119	8	30	6	0
CONTIG-054463	83	19	8	26	0
CONTIG-054464	131	6	5	19	0
CONTIG-054465	209	7	42	35	0
CONTIG-054466	87	6	0	2	0
CONTIG-054467	127	7	6	23	0
CONTIG-054468	76	14	9	12	0
CONTIG-054469	608	13	45	162	8
CONTIG-054471	398	7	15	99	0
CONTIG-054472	162	6	8	12	0
CONTIG-054474	182	6	5	18	0
CONTIG-054477	62	29	11	42	0
CONTIG-054478	158	3	5	9	0
CONTIG-054479	192	20	36	24	0
CONTIG-054480	76	10	26	0	0
CONTIG-054481	62	8	30	2	0

CONTIG-054482	278	8	8	55	0
CONTIG-054483	167	11	24	37	4
CONTIG-054484	150	6	2	13	0
CONTIG-054485	102	6	0	0	0
CONTIG-054486	144	5	5	19	0
CONTIG-054487	230	12	16	62	2
CONTIG-054488	76	11	2	7	0
CONTIG-054489	177	8	11	33	0
CONTIG-054490	64	8	2	10	0
CONTIG-054491	88	11	7	31	0
CONTIG-054492	150	8	14	43	0
CONTIG-054494	247	9	29	66	0
CONTIG-054495	87	8	19	7	0
CONTIG-054496	344	7	4	64	0
CONTIG-054497	71	10	6	19	0
CONTIG-054498	132	8	0	27	0
CONTIG-054499	101	22	15	93	0
CONTIG-054500	461	16	26	104	0
CONTIG-054501	64	8	14	8	0
CONTIG-054502	58	11	22	17	0
CONTIG-054503	79	5	2	10	0
CONTIG-054504	231	14	4	103	2
CONTIG-054505	214	7	9	34	0
CONTIG-054506	58	10	0	25	0
CONTIG-054507	165	16	14	51	0
CONTIG-054508	224	7	16	57	0
CONTIG-054509	108	9	5	42	0
CONTIG-054510	69	8	21	13	0
CONTIG-054511	64	8	2	14	0
CONTIG-054512	122	18	29	33	2
CONTIG-054513	142	6	6	37	0
CONTIG-054514	65	3	4	2	0
CONTIG-054515	168	8	22	46	0
CONTIG-054516	138	273	5	0	366
CONTIG-054517	94	4	2	4	0
CONTIG-054518	85	3	22	0	0
CONTIG-054519	100	5	4	27	0
CONTIG-054520	190	12	10	91	0
CONTIG-054529	87	4	0	9	0
CONTIG-054530	243	5	4	34	0
CONTIG-054531	140	8	2	7	0
CONTIG-054532	152	9	0	76	0
CONTIG-054533	61	23	5	38	0
CONTIG-054534	178	7	13	4	0
CONTIG-054535	121	8	3	39	0
CONTIG-054536	180	5	2	24	0
CONTIG-054537	179	7	5	24	0

CONTIG-054539	217	12	15	74	0
CONTIG-054540	161	7	18	19	3
CONTIG-054541	72	10	5	6	0
CONTIG-054542	114	15	52	23	0
CONTIG-054543	336	6	8	31	2
CONTIG-054544	112	6	12	2	0
CONTIG-054545	66	4	4	3	0
CONTIG-054546	129	10	9	30	0
CONTIG-054547	502	9	40	114	0
CONTIG-054548	108	13	12	47	2
CONTIG-054549	275	6	15	47	0
CONTIG-054550	176	7	2	38	0
CONTIG-054551	170	8	2	0	0
CONTIG-054552	97	4	2	9	0
CONTIG-054553	122	15	4	64	0
CONTIG-054554	138	9	11	40	0
CONTIG-054555	112	5	4	12	0
CONTIG-054556	63	61	14	64	0
CONTIG-054557	241	7	6	27	4
CONTIG-054558	233	15	21	175	0
CONTIG-054559	457	25	80	435	0
CONTIG-054560	219	11	26	71	2
CONTIG-054561	88	7	0	15	0
CONTIG-054562	85	5	7	8	0
CONTIG-054564	162	11	5	45	0
CONTIG-054565	251	16	31	76	8
CONTIG-054566	333	6	15	47	0
CONTIG-054567	340	9	19	65	0
CONTIG-054568	75	10	28	6	0
CONTIG-054569	230	11	22	92	0
CONTIG-054570	752	18	121	607	0
CONTIG-054571	323	6	14	54	0
CONTIG-054572	65	8	16	6	2
CONTIG-054573	228	9	2	66	0
CONTIG-054574	250	7	13	45	0
CONTIG-054575	88	10	8	36	0
CONTIG-054576	92	9	7	23	0
CONTIG-054577	96	4	8	4	0
CONTIG-054578	75	3	10	2	0
CONTIG-054579	157	6	2	43	0
CONTIG-054580	59	3	2	5	0
CONTIG-054581	100	19	11	49	0
CONTIG-054583	119	5	20	3	0
CONTIG-054584	301	6	8	33	0
CONTIG-054585	652	11	16	247	4
CONTIG-054586	179	5	3	36	0
CONTIG-054587	162	13	0	66	5

CONTIG-054588	89	4	13	0	0
CONTIG-054589	331	7	10	38	0
CONTIG-054590	127	8	5	0	0
CONTIG-054591	218	10	5	58	4
CONTIG-054592	67	5	2	4	0
CONTIG-054593	63	33	4	108	0
CONTIG-054594	142	6	2	0	2
CONTIG-054595	91	5	3	16	0
CONTIG-054596	90	206	43	376	17
CONTIG-054597	257	14	8	92	0
CONTIG-054598	84	5	9	0	0
CONTIG-054599	82	3	0	3	0
CONTIG-054601	171	12	9	90	0
CONTIG-054602	131	5	0	0	0
CONTIG-054603	667	18	12	18	0
CONTIG-054604	67	3	2	2	0
CONTIG-054605	213	9	13	68	0
CONTIG-054606	149	11	6	65	2
CONTIG-054607	122	8	8	27	0
CONTIG-054608	115	3	10	12	0
CONTIG-054609	199	8	13	54	0
CONTIG-054610	77	3	2	2	0
CONTIG-054611	291	19	39	121	0
CONTIG-054613	169	7	13	19	0
CONTIG-054614	247	5	0	12	0
CONTIG-054615	123	4	3	14	0
CONTIG-054616	64	11	16	0	0
CONTIG-054618	211	11	8	71	0
CONTIG-054619	268	6	8	51	0
CONTIG-054620	153	9	31	0	0
CONTIG-054621	90	280	41	740	48
CONTIG-054622	154	6	4	17	2
CONTIG-054623	51	48	2	73	0
CONTIG-054624	112	4	9	4	0
CONTIG-054625	106	9	8	32	0
CONTIG-054626	37	114	0	61	0
CONTIG-054627	383	20	23	124	0
CONTIG-054628	238	5	12	23	0
CONTIG-054629	88	4	6	6	0
CONTIG-054630	102	6	2	10	0
CONTIG-054631	223	7	13	27	0
CONTIG-054632	80	3	7	4	0
CONTIG-054633	214	25	7	125	0
CONTIG-054634	240	12	6	121	0
CONTIG-054635	94	4	0	5	0
CONTIG-054636	59	9	6	8	0
CONTIG-054637	155	17	7	127	0

CONTIG-054638	276	9	11	84	0
CONTIG-054639	173	8	23	16	0
CONTIG-054640	121	27	12	92	0
CONTIG-054641	112	5	0	15	0
CONTIG-054642	65	8	0	16	0
CONTIG-054643	240	8	9	38	0
CONTIG-054644	80	4	6	2	0
CONTIG-054645	237	10	8	13	0
CONTIG-054646	154	10	10	72	0
CONTIG-054647	259	7	20	61	0
CONTIG-054648	150	5	11	9	0
CONTIG-054649	275	6	2	29	0
CONTIG-054650	60	5	0	0	0
CONTIG-054651	115	6	5	20	0
CONTIG-054652	98	9	18	24	0
CONTIG-054653	49	388	3	0	3
CONTIG-054654	130	4	0	8	0
CONTIG-054655	66	7	0	7	0
CONTIG-054656	152	8	10	48	0
CONTIG-054657	87	15	8	7	0
CONTIG-054658	292	6	19	63	0
CONTIG-054659	134	5	0	33	0
CONTIG-054660	351	23	33	415	0
CONTIG-054661	2027	23	3	0	424
CONTIG-054662	159	7	12	33	2
CONTIG-054663	83	5	2	6	0
CONTIG-054664	209	5	8	26	0
CONTIG-054665	88	5	0	11	0
CONTIG-054666	91	21	8	64	0
CONTIG-054667	93	3	0	4	0
CONTIG-054668	255	6	15	64	0
CONTIG-054669	98	12	35	30	0
CONTIG-054670	559	16	13	269	16
CONTIG-054671	144	6	5	28	0
CONTIG-054672	362	13	6	68	0
CONTIG-054673	196	13	13	4	0
CONTIG-054674	76	8	2	24	0
CONTIG-054675	270	12	7	110	0
CONTIG-054676	58	3	0	2	0
CONTIG-054677	78	5	5	9	0
CONTIG-054678	101	6	35	4	0
CONTIG-054679	63	3	2	4	0
CONTIG-054680	127	5	10	15	0
CONTIG-054681	409	10	11	118	0
CONTIG-054682	128	29	56	107	4
CONTIG-054683	91	5	4	19	0
CONTIG-054684	256	17	36	140	0

CONTIG-054685	91	9	5	32	0
CONTIG-054686	88	9	10	5	0
CONTIG-054687	66	3	0	4	0
CONTIG-054688	165	11	5	55	0
CONTIG-054690	157	6	15	25	0
CONTIG-054691	257	9	4	55	0
CONTIG-054692	138	16	5	37	3
CONTIG-054693	92	7	4	34	0
CONTIG-054694	68	5	18	0	0
CONTIG-054695	100	9	0	23	0
CONTIG-054698	70	6	0	12	0
CONTIG-054700	70	8	27	6	0
CONTIG-054702	59	47	14	112	0
CONTIG-054703	86	4	9	5	0
CONTIG-054705	127	6	6	22	0
CONTIG-054706	659	23	16	4	0
CONTIG-054707	155	9	15	49	2
CONTIG-054708	97	5	0	12	0
CONTIG-054709	134	8	7	27	0
CONTIG-054710	206	8	8	38	0
CONTIG-054712	172	17	24	81	2
CONTIG-054713	132	5	4	20	0
CONTIG-054714	412	12	11	173	0
CONTIG-054715	154	7	10	18	0
CONTIG-054716	225	14	30	119	0
CONTIG-054717	150	10	9	18	0
CONTIG-054718	264	5	22	39	0
CONTIG-054719	138	7	7	39	0
CONTIG-054720	61	4	6	3	0
CONTIG-054721	148	33	6	157	10
CONTIG-054722	334	5	11	54	0
CONTIG-054723	207	17	7	58	6
CONTIG-054725	354	11	14	110	0
CONTIG-054726	244	9	5	64	4
CONTIG-054727	180	13	0	82	0
CONTIG-054728	176	14	11	107	0
CONTIG-054729	153	7	12	24	0
CONTIG-054730	284	11	18	108	0
CONTIG-054731	172	6	4	9	0
CONTIG-054732	374	10	9	161	10
CONTIG-054733	363	10	20	97	0
CONTIG-054734	153	65	45	393	8
CONTIG-054735	62	57	2	159	0
CONTIG-054736	85	3	3	2	2
CONTIG-054737	82	6	3	12	0
CONTIG-054738	212	9	8	58	2
CONTIG-054739	197	11	12	75	0

CONTIG-054741	100	9	6	38	0
CONTIG-054742	104	11	28	4	0
CONTIG-054743	68	4	2	2	0
CONTIG-054744	192	10	2	75	0
CONTIG-054745	126	6	4	28	0
CONTIG-054746	110	5	2	23	0
CONTIG-054747	117	6	9	12	0
CONTIG-054748	127	9	3	4	0
CONTIG-054750	107	5	4	9	0
CONTIG-054752	85	6	0	8	0
CONTIG-054753	195	8	4	45	0
CONTIG-054754	111	8	20	8	0
CONTIG-054755	303	17	20	118	8
CONTIG-054756	68	8	10	8	0
CONTIG-054757	61	17	13	27	0
CONTIG-054758	89	5	3	5	0
CONTIG-054760	60	5	0	2	0
CONTIG-054761	333	11	25	108	0
CONTIG-054762	169	19	8	139	0
CONTIG-054763	280	13	22	108	0
CONTIG-054764	230	9	3	38	4
CONTIG-054765	112	7	22	22	0
CONTIG-054766	94	8	15	21	0
CONTIG-054767	120	15	10	61	0
CONTIG-054768	86	8	11	20	0
CONTIG-054769	108	21	39	20	5
CONTIG-054770	105	8	6	21	0
CONTIG-054771	145	10	6	42	0
CONTIG-054772	72	11	2	16	0
CONTIG-054773	144	35	41	5	0
CONTIG-054774	104	5	0	18	0
CONTIG-054775	362	10	14	108	4
CONTIG-054776	104	5	0	14	0
CONTIG-054777	177	8	14	42	0
CONTIG-054778	83	5	2	9	0
CONTIG-054779	194	7	0	46	0
CONTIG-054780	596	25	48	311	9
CONTIG-054781	157	6	5	16	0
CONTIG-054782	293	10	16	48	2
CONTIG-054784	91	8	24	2	0
CONTIG-054785	283	10	10	95	0
CONTIG-054786	339	12	20	167	0
CONTIG-054787	109	15	12	72	0
CONTIG-054788	77	59	5	138	0
CONTIG-054790	227	12	8	67	0
CONTIG-054791	74	5	5	7	0
CONTIG-054792	165	5	6	20	0

CONTIG-054793	278	8	28	43	0
CONTIG-054794	169	7	8	31	0
CONTIG-054795	358	10	0	118	0
CONTIG-054796	179	13	4	105	0
CONTIG-054798	104	6	3	2	2
CONTIG-054799	103	8	4	26	0
CONTIG-054800	163	10	11	64	0
CONTIG-054801	72	7	2	5	0
CONTIG-054803	59	14	13	15	0
CONTIG-054804	129	7	3	0	2
CONTIG-054805	204	11	10	98	0
CONTIG-054806	111	6	17	16	0
CONTIG-054807	242	15	15	60	0
CONTIG-054808	70	4	8	2	0
CONTIG-054809	60	3	2	3	0
CONTIG-054810	105	3	0	12	0
CONTIG-054811	179	6	5	27	0
CONTIG-054820	118	8	0	13	0
CONTIG-054821	79	5	0	12	0
CONTIG-054824	292	8	22	106	0
CONTIG-054825	437	14	0	0	40
CONTIG-054826	168	7	14	18	0
CONTIG-054827	184	9	4	41	0
CONTIG-054828	110	9	19	27	0
CONTIG-054829	167	9	4	56	2
CONTIG-054830	107	14	19	53	0
CONTIG-054831	66	4	2	8	0
CONTIG-054832	404	14	10	198	4
CONTIG-054833	344	14	27	279	0
CONTIG-054834	312	6	11	15	0
CONTIG-054835	88	5	0	8	0
CONTIG-054837	238	8	6	83	0
CONTIG-054840	63	4	2	2	0
CONTIG-054841	58	2	5	2	0
CONTIG-054842	171	9	7	54	0
CONTIG-054843	194	25	12	10	0
CONTIG-054844	105	8	22	8	0
CONTIG-054845	495	11	29	156	2
CONTIG-054846	348	13	16	182	0
CONTIG-054847	137	6	13	12	0
CONTIG-054848	44	7	2	8	0
CONTIG-054849	365	14	15	179	5
CONTIG-054851	86	9	7	23	0
CONTIG-054852	111	7	3	28	0
CONTIG-054854	68	17	2	28	0
CONTIG-054857	86	5	6	12	0
CONTIG-054858	83	6	7	8	0

CONTIG-054859	207	6	2	27	2
CONTIG-054860	154	16	24	19	0
CONTIG-054861	121	36	43	126	0
CONTIG-054862	261	184	2	0	257
CONTIG-054863	85	11	2	38	0
CONTIG-054864	149	13	11	42	0
CONTIG-054865	82	15	30	35	0
CONTIG-054866	64	5	0	11	0
CONTIG-054867	64	6	2	5	0
CONTIG-054868	66	4	0	7	0
CONTIG-054869	118	9	21	51	0
CONTIG-054870	58	2	2	2	0
CONTIG-054871	213	9	10	60	0
CONTIG-054872	161	36	19	245	0
CONTIG-054874	80	87	46	211	0
CONTIG-054876	153	4	0	10	0
CONTIG-054877	94	7	5	14	0
CONTIG-054878	169	17	41	80	0
CONTIG-054879	131	12	2	57	0
CONTIG-054880	92	13	23	21	0
CONTIG-054881	283	11	21	42	0
CONTIG-054882	250	14	21	65	0
CONTIG-054883	115	5	12	13	0
CONTIG-054884	72	4	0	3	0
CONTIG-054885	202	17	24	73	0
CONTIG-054886	212	12	9	97	0
CONTIG-054887	184	9	10	36	0
CONTIG-054889	167	8	6	36	0
CONTIG-054890	66	4	9	7	0
CONTIG-054891	153	15	22	81	2
CONTIG-054892	242	7	5	19	2
CONTIG-054893	258	79	41	1121	0
CONTIG-054894	461	7	11	106	3
CONTIG-054896	153	12	6	38	0
CONTIG-054897	79	5	3	5	0
CONTIG-054898	195	33	15	8	57
CONTIG-054899	72	5	12	2	0
CONTIG-054900	119	6	2	18	0
CONTIG-054901	111	5	19	11	0
CONTIG-054902	99	60	66	310	0
CONTIG-054903	228	17	14	203	0
CONTIG-054904	94	8	11	18	0
CONTIG-054905	53	31	24	46	0
CONTIG-054906	137	15	6	63	0
CONTIG-054907	73	4	4	14	0
CONTIG-054908	202	9	24	67	0
CONTIG-054909	90	4	6	8	0

CONTIG-054910	95	7	0	18	0
CONTIG-054915	69	11	12	13	0
CONTIG-054916	63	4	3	2	0
CONTIG-054917	174	8	7	44	0
CONTIG-054918	65	3	0	2	0
CONTIG-054919	154	9	36	11	0
CONTIG-054922	273	12	28	120	0
CONTIG-054929	110	3	0	3	0
CONTIG-054930	63	5	4	6	0
CONTIG-054931	125	5	4	2	0
CONTIG-054932	123	5	0	15	0
CONTIG-054933	96	13	17	39	0
CONTIG-054934	68	9	7	10	0
CONTIG-054935	58	8	0	0	0
CONTIG-054936	66	13	8	39	0
CONTIG-054937	123	20	12	86	2
CONTIG-054938	378	20	20	299	2
CONTIG-054939	165	17	35	80	0
CONTIG-054940	95	5	0	12	0
CONTIG-054941	117	5	10	7	0
CONTIG-054942	71	150	8	0	2
CONTIG-054943	776	63	4	2	403
CONTIG-054944	79	7	2	11	0
CONTIG-054945	59	11	35	3	0
CONTIG-054946	350	8	17	31	0
CONTIG-054947	338	13	38	140	0
CONTIG-054948	77	9	7	15	0
CONTIG-054949	680	21	14	423	37
CONTIG-054950	125	3	3	13	0
CONTIG-054951	209	6	8	24	0
CONTIG-054952	133	14	23	24	0
CONTIG-054953	211	7	11	34	2
CONTIG-054954	133	4	5	9	2
CONTIG-054955	163	16	30	83	0
CONTIG-054956	126	6	2	25	0
CONTIG-054957	99	6	2	13	0
CONTIG-054958	114	5	2	15	0
CONTIG-054959	206	9	48	20	0
CONTIG-054960	159	5	7	18	0
CONTIG-054961	187	12	7	13	0
CONTIG-054962	72	3	6	3	0
CONTIG-054963	80	3	0	2	0
CONTIG-054964	155	5	12	20	0
CONTIG-054965	89	8	30	9	0
CONTIG-054967	73	10	0	6	0
CONTIG-054968	211	7	2	58	0
CONTIG-054969	210	40	4	308	0

CONTIG-054971	73	18	16	36	0
CONTIG-054972	119	7	4	0	0
CONTIG-054973	168	23	14	196	0
CONTIG-054974	319	9	13	87	0
CONTIG-054977	260	6	12	32	0
CONTIG-054978	64	5	10	2	0
CONTIG-054979	186	58	32	373	8
CONTIG-054980	320	9	11	97	0
CONTIG-054985	122	11	6	17	0
CONTIG-054986	64	7	6	9	0
CONTIG-054989	204	6	9	17	0
CONTIG-054990	381	12	20	214	0
CONTIG-054991	128	4	0	0	2
CONTIG-054992	85	20	12	24	0
CONTIG-054993	121	18	12	23	7
CONTIG-054994	237	10	26	60	0
CONTIG-054995	99	5	0	2	0
CONTIG-054996	152	10	34	25	0
CONTIG-054997	150	7	9	25	0
CONTIG-054998	165	11	12	59	0
CONTIG-054999	402	10	16	154	0
CONTIG-055000	43	720	50	30	641
CONTIG-055001	92	5	2	0	0
CONTIG-055002	61	6	15	0	0
CONTIG-055003	99	4	0	6	0
CONTIG-055004	558	13	5	10	0
CONTIG-055006	122	7	3	35	0
CONTIG-055007	275	10	18	57	4
CONTIG-055008	81	6	2	6	0
CONTIG-055010	226	6	2	28	0
CONTIG-055011	79	8	9	10	0
CONTIG-055012	178	17	6	77	2
CONTIG-055015	60	8	5	11	0
CONTIG-055016	87	8	10	23	0
CONTIG-055017	71	7	34	0	0
CONTIG-055019	230	9	11	95	0
CONTIG-055020	484	12	20	237	0
CONTIG-055021	60	6	7	7	0
CONTIG-055022	91	3	9	4	0
CONTIG-055023	70	5	2	5	0
CONTIG-055024	84	7	10	6	0
CONTIG-055025	506	9	10	225	0
CONTIG-055027	94	5	5	12	0
CONTIG-055028	187	10	24	46	0
CONTIG-055029	144	11	29	58	0
CONTIG-055030	161	29	8	137	9
CONTIG-055031	60	7	6	14	0

CONTIG-055032	75	3	2	7	0
CONTIG-055033	75	25	2	20	0
CONTIG-055034	69	4	10	2	0
CONTIG-055035	267	16	2	0	10
CONTIG-055036	86	9	9	32	0
CONTIG-055037	303	10	5	21	4
CONTIG-055038	116	11	9	55	0
CONTIG-055039	446	8	6	122	3
CONTIG-055040	111	2	0	7	0
CONTIG-055041	92	4	2	4	0
CONTIG-055042	156	8	2	12	0
CONTIG-055043	148	5	2	16	4
CONTIG-055044	109	8	5	25	0
CONTIG-055045	402	9	14	99	0
CONTIG-055046	184	15	18	109	0
CONTIG-055047	578	11	39	201	0
CONTIG-055049	49	16	3	12	0
CONTIG-055050	417	11	14	148	2
CONTIG-055051	84	11	17	14	2
CONTIG-055052	216	11	29	78	2
CONTIG-055053	51	8	6	6	0
CONTIG-055054	492	14	7	194	6
CONTIG-055055	298	52	2	0	86
CONTIG-055057	95	3	2	3	0
CONTIG-055058	896	35	2	0	239
CONTIG-055059	135	8	4	30	0
CONTIG-055060	346	15	27	132	4
CONTIG-055066	364	10	8	193	0
CONTIG-055067	276	11	13	85	0
CONTIG-055068	125	9	2	34	0
CONTIG-055069	67	10	8	21	0
CONTIG-055070	150	9	14	39	0
CONTIG-055071	152	7	7	36	0
CONTIG-055073	457	12	0	0	80
CONTIG-055075	100	7	5	17	0
CONTIG-055077	99	46	32	202	0
CONTIG-055078	228	10	19	78	0
CONTIG-055079	63	13	84	3	0
CONTIG-055080	172	10	19	51	2
CONTIG-055081	284	12	17	99	0
CONTIG-055082	87	3	11	0	0
CONTIG-055083	102	11	9	33	0
CONTIG-055084	42	50	11	33	2
CONTIG-055085	392	9	18	146	0
CONTIG-055086	59	8	4	10	0
CONTIG-055087	239	7	11	45	0
CONTIG-055088	51	323	9	82	0

CONTIG-055089	60	3	2	4	0
CONTIG-055090	105	13	66	8	0
CONTIG-055091	198	4	17	10	0
CONTIG-055092	276	21	17	169	9
CONTIG-055093	169	13	11	78	0
CONTIG-055094	323	16	21	160	4
CONTIG-055095	109	15	0	0	13
CONTIG-055096	84	12	7	45	0
CONTIG-055097	174	36	29	161	0
CONTIG-055099	266	11	6	96	0
CONTIG-055101	199	12	3	21	0
CONTIG-055102	226	7	9	25	4
CONTIG-055103	143	12	40	21	0
CONTIG-055106	252	26	31	55	0
CONTIG-055107	124	8	9	42	0
CONTIG-055108	226	11	35	36	6
CONTIG-055109	453	11	42	138	0
CONTIG-055110	77	6	3	6	0
CONTIG-055111	105	7	10	12	0
CONTIG-055112	167	6	9	31	0
CONTIG-055113	249	7	10	44	0
CONTIG-055114	188	7	18	54	0
CONTIG-055115	93	6	3	9	0
CONTIG-055116	77	3	0	4	0
CONTIG-055118	182	16	43	110	0
CONTIG-055119	307	9	14	92	0
CONTIG-055120	71	4	22	2	0
CONTIG-055121	1014	17	3	0	92
CONTIG-055122	301	8	30	23	0
CONTIG-055125	331	17	86	132	0
CONTIG-055126	108	18	16	63	0
CONTIG-055127	296	21	34	310	0
CONTIG-055128	102	5	19	0	0
CONTIG-055129	62	4	12	5	0
CONTIG-055130	67	21	17	41	0
CONTIG-055131	67	6	0	11	0
CONTIG-055132	128	7	8	4	0
CONTIG-055133	285	10	62	58	2
CONTIG-055134	87	9	9	19	0
CONTIG-055135	126	15	16	41	4
CONTIG-055136	104	6	7	15	0
CONTIG-055137	272	11	28	110	0
CONTIG-055138	364	24	41	78	0
CONTIG-055139	181	6	5	36	0
CONTIG-055140	381	7	12	68	0
CONTIG-055142	91	9	9	15	0
CONTIG-055143	163	14	53	41	0

CONTIG-055144	93	10	7	48	0
CONTIG-055145	97	8	9	26	0
CONTIG-055146	217	9	0	0	2
CONTIG-055147	119	9	8	50	0
CONTIG-055150	171	10	2	58	0
CONTIG-055151	160	4	2	18	2
CONTIG-055152	145	19	0	138	0
CONTIG-055153	176	11	12	74	0
CONTIG-055155	108	4	6	3	0
CONTIG-055156	80	9	11	27	0
CONTIG-055157	398	10	19	99	0
CONTIG-055158	90	12	10	26	0
CONTIG-055159	73	5	7	11	0
CONTIG-055160	190	8	12	42	0
CONTIG-055161	99	5	7	4	0
CONTIG-055162	64	3	0	2	0
CONTIG-055169	146	15	23	96	0
CONTIG-055170	122	10	10	37	0
CONTIG-055171	118	4	2	18	0
CONTIG-055172	140	10	3	44	0
CONTIG-055173	256	8	14	27	0
CONTIG-055174	59	11	5	15	0
CONTIG-055175	215	21	14	63	2
CONTIG-055176	187	110	275	645	5
CONTIG-055177	913	20	23	41	0
CONTIG-055178	137	13	9	52	0
CONTIG-055179	62	7	2	14	0
CONTIG-055182	96	5	2	11	0
CONTIG-055183	74	11	32	16	0
CONTIG-055184	338	10	9	100	4
CONTIG-055185	133	9	6	41	0
CONTIG-055186	136	6	2	14	0
CONTIG-055187	124	8	2	13	0
CONTIG-055188	219	48	10	2	0
CONTIG-055189	57	22	4	54	0
CONTIG-055190	691	16	38	442	4
CONTIG-055191	292	8	10	62	0
CONTIG-055192	127	6	2	6	0
CONTIG-055193	58	7	0	9	0
CONTIG-055194	85	42	26	164	0
CONTIG-055195	186	7	16	31	0
CONTIG-055196	122	9	4	23	0
CONTIG-055197	116	6	8	26	0
CONTIG-055198	70	5	4	6	0
CONTIG-055199	156	9	2	59	2
CONTIG-055200	154	8	26	23	0
CONTIG-055201	58	7	18	6	0

CONTIG-055202	69	9	25	4	0
CONTIG-055204	71	6	2	2	2
CONTIG-055205	155	7	0	0	6
CONTIG-055206	279	17	10	227	0
CONTIG-055207	99	90	22	263	0
CONTIG-055208	103	6	6	4	0
CONTIG-055209	164	22	16	164	0
CONTIG-055210	122	5	3	22	0
CONTIG-055211	185	6	6	32	2
CONTIG-055212	579	9	26	176	2
CONTIG-055213	99	8	7	28	0
CONTIG-055214	299	20	0	286	0
CONTIG-055215	77	4	7	7	0
CONTIG-055217	198	6	4	44	0
CONTIG-055218	60	6	4	10	0
CONTIG-055219	95	5	6	9	0
CONTIG-055220	392	12	44	172	0
CONTIG-055221	110	5	11	8	0
CONTIG-055223	89	4	2	5	0
CONTIG-055224	244	11	6	11	0
CONTIG-055225	95	6	6	8	0
CONTIG-055226	381	46	2	0	108
CONTIG-055227	353	8	12	103	0
CONTIG-055228	72	4	6	9	0
CONTIG-055229	138	10	29	45	0
CONTIG-055230	101	3	2	6	0
CONTIG-055231	106	5	2	18	0
CONTIG-055232	162	8	2	53	0
CONTIG-055233	83	4	10	7	0
CONTIG-055234	186	9	3	52	0
CONTIG-055235	84	5	2	0	3
CONTIG-055236	63	9	2	0	0
CONTIG-055237	79	15	50	21	0
CONTIG-055238	136	16	8	70	2
CONTIG-055239	138	9	25	20	0
CONTIG-055240	63	7	2	7	0
CONTIG-055241	349	10	19	132	0
CONTIG-055242	98	5	4	13	0
CONTIG-055243	156	6	0	20	0
CONTIG-055244	269	8	10	41	4
CONTIG-055245	192	13	27	66	0
CONTIG-055246	102	5	5	18	0
CONTIG-055247	160	19	0	0	29
CONTIG-055248	90	15	4	74	0
CONTIG-055249	67	4	5	0	0
CONTIG-055250	140	8	12	14	0
CONTIG-055251	200	7	14	30	0

CONTIG-055252	58	124	18	144	0
CONTIG-055253	325	10	9	145	0
CONTIG-055254	77	4	4	6	0
CONTIG-055255	281	5	4	33	0
CONTIG-055261	133	5	3	21	0
CONTIG-055262	136	14	2	82	2
CONTIG-055263	92	14	8	24	0
CONTIG-055264	138	9	0	17	0
CONTIG-055265	60	5	9	7	0
CONTIG-055266	61	7	17	0	0
CONTIG-055267	102	7	10	10	0
CONTIG-055268	857	44	10	45	0
CONTIG-055269	162	10	16	33	0
CONTIG-055270	252	7	10	43	0
CONTIG-055271	189	15	20	100	0
CONTIG-055273	737	13	24	445	0
CONTIG-055274	121	8	24	20	0
CONTIG-055275	189	9	12	61	0
CONTIG-055276	72	7	7	0	0
CONTIG-055277	81	4	2	6	0
CONTIG-055278	113	5	15	11	0
CONTIG-055280	237	6	5	43	0
CONTIG-055281	125	12	17	30	0
CONTIG-055282	71	25	14	66	0
CONTIG-055283	91	2	2	4	0
CONTIG-055284	153	17	21	50	0
CONTIG-055285	799	12	30	272	6
CONTIG-055286	195	9	10	58	0
CONTIG-055287	74	9	3	14	0
CONTIG-055289	188	6	29	27	0
CONTIG-055290	171	15	21	13	2
CONTIG-055293	121	4	0	0	2
CONTIG-055295	94	5	5	3	0
CONTIG-055296	130	3	18	7	0
CONTIG-055298	122	10	13	39	0
CONTIG-055299	83	13	14	2	0
CONTIG-055300	214	10	12	87	0
CONTIG-055301	305	39	8	474	12
CONTIG-055302	293	7	4	61	0
CONTIG-055303	66	8	5	20	0
CONTIG-055304	135	5	9	26	0
CONTIG-055305	157	8	3	12	2
CONTIG-055306	218	11	7	67	0
CONTIG-055307	357	20	7	0	0
CONTIG-055308	168	6	2	12	2
CONTIG-055309	120	7	23	11	0
CONTIG-055310	117	5	2	8	0

CONTIG-055311	103	4	3	12	0
CONTIG-055312	102	10	3	40	0
CONTIG-055313	135	4	4	23	0
CONTIG-055314	137	5	24	4	0
CONTIG-055315	75	8	5	19	2
CONTIG-055317	715	30	17	434	0
CONTIG-055318	60	14	12	16	0
CONTIG-055319	135	5	6	15	0
CONTIG-055320	179	16	46	103	2
CONTIG-055321	258	14	24	112	2
CONTIG-055322	78	6	17	0	0
CONTIG-055323	192	16	4	103	2
CONTIG-055324	72	6	3	12	0
CONTIG-055325	71	11	2	42	0
CONTIG-055326	654	20	50	451	4
CONTIG-055329	75	20	12	20	0
CONTIG-055330	110	13	4	53	0
CONTIG-055331	115	6	4	21	0
CONTIG-055332	64	6	0	3	0
CONTIG-055333	348	23	2	326	0
CONTIG-055334	115	29	4	0	0
CONTIG-055335	71	2	0	0	0
CONTIG-055336	241	5	0	40	0
CONTIG-055337	285	8	4	20	0
CONTIG-055338	64	6	4	11	0
CONTIG-055339	84	40	7	26	0
CONTIG-055340	152	4	4	18	0
CONTIG-055341	110	9	7	32	0
CONTIG-055343	98	6	16	9	0
CONTIG-055344	71	5	11	0	0
CONTIG-055345	143	20	16	44	0
CONTIG-055346	96	5	4	7	0
CONTIG-055347	173	13	12	96	0
CONTIG-055348	391	7	3	42	6
CONTIG-055349	71	7	12	0	0
CONTIG-055350	101	5	0	8	0
CONTIG-055351	179	8	23	30	0
CONTIG-055352	71	4	0	11	0
CONTIG-055353	266	14	17	180	0
CONTIG-055354	233	7	0	33	0
CONTIG-055355	120	8	6	23	0
CONTIG-055356	175	5	4	24	0
CONTIG-055357	217	22	30	4	0
CONTIG-055358	95	8	4	12	0
CONTIG-055359	267	10	39	64	0
CONTIG-055360	62	5	0	7	0
CONTIG-055362	84	6	10	12	0

CONTIG-055363	82	6	4	11	0
CONTIG-055365	87	4	0	9	0
CONTIG-055366	72	7	22	4	0
CONTIG-055367	134	5	0	18	0
CONTIG-055368	131	7	5	24	0
CONTIG-055369	854	54	3	0	340
CONTIG-055370	218	7	27	69	0
CONTIG-055371	62	9	14	5	0
CONTIG-055372	69	14	4	22	0
CONTIG-055373	116	4	2	13	0
CONTIG-055374	137	3	0	6	0
CONTIG-055375	194	8	11	37	0
CONTIG-055376	261	12	12	73	0
CONTIG-055377	64	5	6	7	0
CONTIG-055378	621	12	31	281	4
CONTIG-055380	83	8	7	18	0
CONTIG-055381	836	18	31	449	18
CONTIG-055382	147	6	19	7	0
CONTIG-055383	98	5	0	16	0
CONTIG-055384	173	10	7	65	0
CONTIG-055385	198	19	14	102	0
CONTIG-055386	84	5	6	7	0
CONTIG-055389	97	11	19	45	0
CONTIG-055390	280	27	17	262	13
CONTIG-055394	144	5	4	4	2
CONTIG-055395	101	12	13	38	0
CONTIG-055396	403	7	10	62	6
CONTIG-055397	296	13	14	133	0
CONTIG-055398	134	4	2	12	0
CONTIG-055399	74	5	7	15	0
CONTIG-055400	169	19	9	0	24
CONTIG-055401	112	8	4	30	0
CONTIG-055402	138	10	9	25	0
CONTIG-055403	137	10	9	55	0
CONTIG-055404	118	9	8	31	0
CONTIG-055405	81	8	8	4	0
CONTIG-055406	87	5	7	11	0
CONTIG-055407	105	5	0	24	0
CONTIG-055409	292	8	15	55	2
CONTIG-055410	118	4	4	10	0
CONTIG-055411	62	16	9	40	0
CONTIG-055414	81	5	5	5	0
CONTIG-055415	262	12	13	67	2
CONTIG-055416	276	6	16	58	0
CONTIG-055417	105	9	4	41	0
CONTIG-055418	266	18	29	116	0
CONTIG-055419	147	12	4	55	0

CONTIG-055420	183	19	12	118	0
CONTIG-055422	524	64	3	0	294
CONTIG-055423	121	5	10	10	0
CONTIG-055424	92	6	0	8	2
CONTIG-055425	174	9	15	32	0
CONTIG-055426	71	4	5	3	0
CONTIG-055427	80	4	0	2	0
CONTIG-055428	255	7	11	40	0
CONTIG-055429	98	7	37	0	0
CONTIG-055430	69	5	3	2	0
CONTIG-055432	142	13	11	61	0
CONTIG-055434	92	6	7	12	0
CONTIG-055436	102	4	10	5	0
CONTIG-055437	180	5	29	5	0
CONTIG-055438	108	9	10	29	0
CONTIG-055439	331	7	20	78	0
CONTIG-055440	67	5	5	2	0
CONTIG-055441	150	11	27	44	0
CONTIG-055446	82	8	0	37	0
CONTIG-055447	125	11	29	37	0
CONTIG-055448	180	4	2	14	0
CONTIG-055449	124	4	7	17	0
CONTIG-055450	71	38	2	122	0
CONTIG-055451	61	10	10	14	0
CONTIG-055454	47	66	14	110	0
CONTIG-055455	71	5	8	2	0
CONTIG-055456	386	11	20	44	0
CONTIG-055457	99	16	3	63	2
CONTIG-055458	95	2	0	0	0
CONTIG-055459	78	11	15	25	0
CONTIG-055461	88	9	11	36	0
CONTIG-055462	147	9	7	40	0
CONTIG-055463	100	223	17	1479	0
CONTIG-055464	287	11	5	62	0
CONTIG-055465	118	6	14	18	0
CONTIG-055466	52	85	3	280	0
CONTIG-055468	1167	15	0	0	106
CONTIG-055469	146	5	5	10	0
CONTIG-055470	171	608	6	2	987
CONTIG-055471	107	13	31	41	0
CONTIG-055472	435	10	5	12	0
CONTIG-055473	117	6	2	22	0
CONTIG-055474	67	5	0	10	0
CONTIG-055475	93	8	10	21	0
CONTIG-055476	58	3	2	0	0
CONTIG-055477	70	3	2	0	0
CONTIG-055478	71	8	25	7	0

CONTIG-055479	72	5	7	9	0
CONTIG-055480	95	5	6	8	0
CONTIG-055481	214	6	7	30	0
CONTIG-055482	75	6	2	15	0
CONTIG-055483	362	13	7	108	0
CONTIG-055484	184	8	10	42	0
CONTIG-055485	148	9	11	53	0
CONTIG-055486	126	10	32	2	0
CONTIG-055487	83	4	6	0	0
CONTIG-055488	76	4	0	8	0
CONTIG-055489	143	5	16	12	0
CONTIG-055490	97	8	2	18	0
CONTIG-055492	467	8	8	141	0
CONTIG-055493	376	9	20	98	0
CONTIG-055494	138	4	4	11	0
CONTIG-055495	344	9	0	87	2
CONTIG-055496	122	5	2	10	0
CONTIG-055497	112	7	11	32	0
CONTIG-055498	214	14	9	31	0
CONTIG-055499	372	15	17	161	0
CONTIG-055500	73	7	10	11	0
CONTIG-055501	89	8	5	20	0
CONTIG-055503	86	5	8	3	0
CONTIG-055504	234	6	13	44	2
CONTIG-055505	230	98	2	4	262
CONTIG-055506	663	13	19	434	0
CONTIG-055507	174	7	20	23	0
CONTIG-055508	97	16	8	83	0
CONTIG-055509	108	2	0	0	0
CONTIG-055510	271	6	9	4	0
CONTIG-055511	59	5	0	11	0
CONTIG-055512	258	16	25	135	3
CONTIG-055513	107	4	0	23	0
CONTIG-055514	147	5	2	14	0
CONTIG-055515	160	6	4	37	0
CONTIG-055516	129	4	7	12	0
CONTIG-055517	106	8	8	2	0
CONTIG-055518	213	10	14	90	0
CONTIG-055519	67	8	21	0	0
CONTIG-055520	99	7	4	8	0
CONTIG-055521	297	8	16	79	0
CONTIG-055525	204	14	15	123	2
CONTIG-055526	93	6	2	20	0
CONTIG-055527	87	6	3	11	0
CONTIG-055529	61	8	8	14	0
CONTIG-055530	94	10	21	20	0
CONTIG-055531	812	37	15	2	0

CONTIG-055532	141	4	4	12	0
CONTIG-055533	110	8	23	20	0
CONTIG-055534	82	6	0	11	0
CONTIG-055535	335	21	20	140	3
CONTIG-055536	273	7	0	53	0
CONTIG-055537	171	7	3	28	0
CONTIG-055538	493	24	23	304	18
CONTIG-055539	266	16	11	8	0
CONTIG-055540	62	2	3	2	0
CONTIG-055542	243	10	3	12	39
CONTIG-055544	142	5	3	32	0
CONTIG-055545	188	10	10	53	0
CONTIG-055546	366	11	14	106	2
CONTIG-055547	87	17	20	53	0
CONTIG-055548	620	27	41	597	28
CONTIG-055549	196	7	7	38	0
CONTIG-055550	83	16	19	8	0
CONTIG-055551	95	8	26	3	0
CONTIG-055552	205	7	4	24	0
CONTIG-055553	189	11	23	42	0
CONTIG-055554	181	7	4	41	0
CONTIG-055555	207	17	15	135	0
CONTIG-055556	65	20	21	63	0
CONTIG-055557	92	5	0	12	0
CONTIG-055558	96	6	6	12	0
CONTIG-055559	77	5	3	0	2
CONTIG-055560	69	12	0	25	0
CONTIG-055561	187	10	0	0	4
CONTIG-055562	331	200	9	0	977
CONTIG-055563	100	5	2	23	0
CONTIG-055564	194	16	3	139	2
CONTIG-055565	236	7	18	44	2
CONTIG-055566	97	7	0	11	0
CONTIG-055567	134	12	2	58	0
CONTIG-055568	232	8	0	53	2
CONTIG-055569	241	19	9	137	2
CONTIG-055570	61	3	2	2	0
CONTIG-055572	263	13	27	91	3
CONTIG-055573	61	6	3	6	0
CONTIG-055574	58	21	5	29	0
CONTIG-055576	82	8	6	0	0
CONTIG-055577	73	6	0	7	0
CONTIG-055578	125	5	5	0	2
CONTIG-055579	321	7	15	42	2
CONTIG-055584	129	6	11	26	0
CONTIG-055585	197	7	4	44	0
CONTIG-055587	144	6	2	19	0

CONTIG-055588	118	8	2	40	0
CONTIG-055589	143	4	17	0	0
CONTIG-055590	289	85	31	902	21
CONTIG-055591	159	5	12	17	0
CONTIG-055592	167	6	22	17	0
CONTIG-055593	304	46	100	482	82
CONTIG-055594	117	5	16	5	0
CONTIG-055595	113	4	12	5	0
CONTIG-055596	176	12	37	44	0
CONTIG-055600	95	17	7	32	0
CONTIG-055601	389	10	33	100	2
CONTIG-055602	76	52	5	82	0
CONTIG-055603	106	6	2	15	0
CONTIG-055604	69	12	14	6	2
CONTIG-055605	96	7	8	17	2
CONTIG-055607	66	13	7	0	0
CONTIG-055608	87	16	2	54	0
CONTIG-055609	106	7	10	25	0
CONTIG-055610	86	2	0	2	0
CONTIG-055611	97	3	5	0	0
CONTIG-055612	96	8	11	7	0
CONTIG-055613	238	7	4	44	0
CONTIG-055614	95	6	10	15	0
CONTIG-055615	210	16	16	98	0
CONTIG-055616	59	5	20	0	0
CONTIG-055617	58	4	2	0	0
CONTIG-055618	78	2	0	4	0
CONTIG-055619	76	4	2	2	0
CONTIG-055620	37	8	11	2	0
CONTIG-055621	231	8	8	37	0
CONTIG-055622	102	5	3	8	0
CONTIG-055631	97	5	0	18	0
CONTIG-055632	173	6	2	19	0
CONTIG-055633	122	6	8	25	0
CONTIG-055634	200	29	9	0	80
CONTIG-055635	66	3	4	2	0
CONTIG-055636	101	5	12	10	0
CONTIG-055637	91	11	17	20	0
CONTIG-055638	39	307	0	348	0
CONTIG-055639	109	6	11	16	0
CONTIG-055640	159	11	2	38	2
CONTIG-055641	798	12	5	0	66
CONTIG-055642	72	6	3	7	0
CONTIG-055645	332	9	6	83	2
CONTIG-055646	68	6	8	2	0
CONTIG-055647	307	10	14	63	2
CONTIG-055648	368	10	36	62	0

CONTIG-055649	249	22	23	225	4
CONTIG-055650	169	5	3	42	0
CONTIG-055652	213	6	5	0	0
CONTIG-055653	102	6	2	21	0
CONTIG-055654	127	11	16	30	0
CONTIG-055655	87	3	10	2	0
CONTIG-055656	361	11	21	64	2
CONTIG-055657	97	13	11	58	0
CONTIG-055659	115	12	22	27	0
CONTIG-055660	82	5	2	0	0
CONTIG-055661	275	7	6	38	0
CONTIG-055662	179	6	8	32	0
CONTIG-055664	50	101	30	213	0
CONTIG-055665	78	7	8	15	0
CONTIG-055666	80	8	14	12	0
CONTIG-055667	95	11	22	9	0
CONTIG-055668	376	19	5	0	76
CONTIG-055669	515	299	2	2	2593
CONTIG-055670	59	3	2	0	0
CONTIG-055671	73	4	0	0	0
CONTIG-055672	75	4	3	9	0
CONTIG-055673	72	4	0	6	0
CONTIG-055674	91	9	8	19	0
CONTIG-055675	63	6	6	0	0
CONTIG-055677	348	9	28	81	0
CONTIG-055678	56	91	0	0	0
CONTIG-055680	104	11	3	39	2
CONTIG-055681	158	8	26	27	0
CONTIG-055682	759	19	41	625	2
CONTIG-055686	71	3	7	7	0
CONTIG-055687	72	6	5	12	0
CONTIG-055688	70	4	9	8	0
CONTIG-055689	271	9	6	83	2
CONTIG-055690	209	70	0	0	138
CONTIG-055691	70	4	2	0	0
CONTIG-055693	78	6	14	3	0
CONTIG-055699	228	7	3	19	0
CONTIG-055700	113	16	18	47	0
CONTIG-055701	165	12	3	61	0
CONTIG-055702	68	5	18	0	0
CONTIG-055703	87	12	12	21	0
CONTIG-055704	240	13	2	0	0
CONTIG-055705	70	7	0	2	0
CONTIG-055706	183	32	5	333	0
CONTIG-055707	160	14	0	76	0
CONTIG-055709	166	7	5	33	0
CONTIG-055710	81	15	2	37	0

CONTIG-055711	287	7	5	78	0
CONTIG-055712	193	9	4	7	0
CONTIG-055713	197	15	21	106	0
CONTIG-055714	65	5	0	15	0
CONTIG-055715	325	8	14	65	0
CONTIG-055716	421	10	47	96	0
CONTIG-055717	129	5	4	2	0
CONTIG-055718	87	8	12	21	0
CONTIG-055719	224	19	40	37	0
CONTIG-055720	246	6	6	24	4
CONTIG-055721	92	9	0	34	0
CONTIG-055722	73	4	14	2	0
CONTIG-055723	66	5	7	4	0
CONTIG-055724	69	5	4	10	0
CONTIG-055725	97	7	2	14	0
CONTIG-055726	132	6	4	11	0
CONTIG-055727	80	5	7	7	0
CONTIG-055728	271	10	15	98	2
CONTIG-055729	255	15	34	168	0
CONTIG-055736	90	8	2	24	0
CONTIG-055737	347	6	9	49	0
CONTIG-055743	119	18	43	11	0
CONTIG-055744	363	5	5	58	0
CONTIG-055745	65	3	0	0	0
CONTIG-055746	184	13	7	78	0
CONTIG-055749	352	22	17	254	9
CONTIG-055750	176	9	15	41	0
CONTIG-055751	88	11	11	20	0
CONTIG-055752	69	6	0	10	0
CONTIG-055753	61	5	0	9	0
CONTIG-055754	77	3	3	0	0
CONTIG-055755	114	7	9	27	0
CONTIG-055756	149	5	0	16	0
CONTIG-055761	85	10	0	33	0
CONTIG-055762	64	6	9	6	0
CONTIG-055763	106	9	5	4	0
CONTIG-055768	81	5	4	8	0
CONTIG-055769	140	4	5	8	0
CONTIG-055770	198	15	5	127	0
CONTIG-055771	83	5	2	8	0
CONTIG-055772	91	4	4	10	0
CONTIG-055773	790	51	18	4	0
CONTIG-055774	514	7	12	85	2
CONTIG-055776	169	15	8	96	0
CONTIG-055777	173	6	4	2	0
CONTIG-055778	256	11	63	33	0
CONTIG-055779	106	4	2	19	0

CONTIG-055781	108	8	47	15	0
CONTIG-055783	135	39	12	255	0
CONTIG-055784	85	5	10	12	0
CONTIG-055786	184	16	0	0	21
CONTIG-055789	79	6	6	18	0
CONTIG-055790	88	12	0	41	0
CONTIG-055793	154	15	0	90	0
CONTIG-055794	175	6	7	19	0
CONTIG-055801	180	6	0	37	0
CONTIG-055802	194	5	12	34	0
CONTIG-055803	153	8	39	26	0
CONTIG-055804	159	5	0	15	0
CONTIG-055805	79	5	0	3	0
CONTIG-055806	139	4	0	6	0
CONTIG-055808	534	21	28	655	0
CONTIG-055810	166	10	2	87	0
CONTIG-055811	203	9	18	34	0
CONTIG-055812	281	6	2	36	0
CONTIG-055813	125	10	16	34	0
CONTIG-055814	133	8	7	42	0
CONTIG-055815	356	10	9	119	0
CONTIG-055816	64	8	31	2	0
CONTIG-055817	103	51	34	159	0
CONTIG-055818	125	22	0	2	11
CONTIG-055819	71	8	6	0	0
CONTIG-055820	74	6	0	4	0
CONTIG-055821	363	8	0	138	0
CONTIG-055822	87	8	12	25	0
CONTIG-055823	140	5	2	19	0
CONTIG-055825	284	9	15	60	0
CONTIG-055826	88	7	0	11	0
CONTIG-055827	104	9	2	31	0
CONTIG-055829	71	3	6	2	0
CONTIG-055831	59	8	16	4	0
CONTIG-055832	83	4	3	2	0
CONTIG-055833	109	10	6	40	0
CONTIG-055834	88	12	11	28	0
CONTIG-055835	384	9	22	92	0
CONTIG-055836	426	14	24	214	2
CONTIG-055837	69	4	2	6	0
CONTIG-055838	80	13	40	9	0
CONTIG-055839	77	4	0	11	2
CONTIG-055840	151	9	11	40	0
CONTIG-055841	255	8	7	47	0
CONTIG-055842	153	10	15	24	0
CONTIG-055843	619	16	0	18	0
CONTIG-055844	63	7	6	4	0

CONTIG-055845	99	15	4	51	0
CONTIG-055846	504	11	0	0	41
CONTIG-055847	187	13	25	88	0
CONTIG-055848	198	7	4	6	0
CONTIG-055849	94	6	19	0	2
CONTIG-055850	111	5	3	9	0
CONTIG-055851	196	5	12	21	0
CONTIG-055852	104	13	2	66	0
CONTIG-055853	76	3	0	4	0
CONTIG-055854	959	15	43	451	6
CONTIG-055860	101	9	2	25	0
CONTIG-055861	225	7	14	42	2
CONTIG-055862	89	9	0	23	0
CONTIG-055863	98	7	3	19	0
CONTIG-055865	227	6	24	29	0
CONTIG-055866	80	23	31	57	0
CONTIG-055867	63	7	11	10	0
CONTIG-055868	195	14	8	101	3
CONTIG-055869	121	20	4	112	2
CONTIG-055871	474	12	18	174	0
CONTIG-055875	58	5	4	3	0
CONTIG-055876	194	7	18	36	0
CONTIG-055877	104	4	8	13	0
CONTIG-055878	66	4	4	4	0
CONTIG-055879	147	20	15	83	4
CONTIG-055880	127	6	4	9	0
CONTIG-055881	150	6	7	6	0
CONTIG-055882	112	6	10	10	0
CONTIG-055883	187	8	12	53	0
CONTIG-055884	383	10	13	116	0
CONTIG-055885	101	7	4	25	0
CONTIG-055886	422	9	15	120	0
CONTIG-055887	1124	31	31	1393	31
CONTIG-055888	92	9	6	24	0
CONTIG-055889	140	6	4	31	0
CONTIG-055890	213	10	4	61	0
CONTIG-055892	51	11	7	15	0
CONTIG-055893	79	5	4	8	0
CONTIG-055894	161	7	7	9	0
CONTIG-055895	201	11	8	41	0
CONTIG-055896	148	12	24	50	0
CONTIG-055897	619	75	2	0	639
CONTIG-055898	231	8	5	68	0
CONTIG-055900	99	5	12	6	0
CONTIG-055901	363	12	20	103	0
CONTIG-055902	58	4	2	3	0
CONTIG-055904	119	9	5	44	0

CONTIG-055906	146	5	7	16	0
CONTIG-055907	235	5	8	28	0
CONTIG-055908	114	11	0	18	0
CONTIG-055909	70	8	14	14	0
CONTIG-055910	195	10	68	30	0
CONTIG-055911	152	6	2	12	0
CONTIG-055922	155	10	24	57	2
CONTIG-055923	104	15	19	55	0
CONTIG-055932	75	9	2	0	0
CONTIG-055933	58	8	2	15	0
CONTIG-055934	95	3	7	2	0
CONTIG-055935	289	13	22	104	0
CONTIG-055936	119	7	4	17	0
CONTIG-055937	334	15	23	192	0
CONTIG-055938	358	9	14	117	0
CONTIG-055939	70	40	9	80	0
CONTIG-055940	340	10	12	144	0
CONTIG-055941	99	29	74	0	0
CONTIG-055942	519	9	16	66	4
CONTIG-055943	232	37	124	131	6
CONTIG-055945	61	4	7	4	0
CONTIG-055946	61	3	6	2	0
CONTIG-055947	58	7	5	5	0
CONTIG-055948	106	8	4	17	0
CONTIG-055949	81	6	0	9	0
CONTIG-055950	268	4	8	24	0
CONTIG-055951	72	5	3	15	0
CONTIG-055952	62	3	4	6	0
CONTIG-055953	261	11	9	135	0
CONTIG-055954	86	2	4	4	0
CONTIG-055955	59	4	5	4	0
CONTIG-055956	189	5	0	23	3
CONTIG-055958	271	15	13	90	2
CONTIG-055959	85	5	3	7	0
CONTIG-055960	115	9	16	37	0
CONTIG-055961	152	9	12	55	0
CONTIG-055962	247	13	10	164	0
CONTIG-055963	125	11	8	19	2
CONTIG-055965	212	78	30	993	2
CONTIG-055966	81	5	7	0	0
CONTIG-055967	87	18	20	21	2
CONTIG-055968	307	9	7	80	4
CONTIG-055969	114	5	15	21	0
CONTIG-055970	221	8	0	8	6
CONTIG-055971	202	10	27	44	0
CONTIG-055974	188	7	11	58	0
CONTIG-055975	71	6	11	14	0

CONTIG-055976	69	5	12	0	0
CONTIG-055977	173	8	4	45	6
CONTIG-055978	111	3	0	12	0
CONTIG-055979	70	8	5	2	0
CONTIG-055980	72	3	2	7	0
CONTIG-055981	75	9	0	25	0
CONTIG-055982	274	8	16	50	4
CONTIG-055983	101	3	2	8	0
CONTIG-055984	608	14	14	61	0
CONTIG-055985	287	9	5	93	0
CONTIG-055986	125	8	7	27	2
CONTIG-055987	255	5	4	62	0
CONTIG-055988	59	11	15	9	0
CONTIG-055989	61	11	10	20	0
CONTIG-055993	101	5	3	16	0
CONTIG-055994	131	6	4	14	3
CONTIG-055996	221	13	22	81	0
CONTIG-055997	85	7	0	13	0
CONTIG-055998	96	7	6	20	2
CONTIG-055999	127	7	2	47	0
CONTIG-056000	208	8	4	58	0
CONTIG-056002	290	7	3	4	0
CONTIG-056003	464	16	36	200	2
CONTIG-056006	198	24	43	192	0
CONTIG-056007	61	4	0	4	0
CONTIG-056008	217	6	2	29	0
CONTIG-056009	73	18	52	2	0
CONTIG-056010	191	5	6	23	0
CONTIG-056011	325	7	12	36	0
CONTIG-056013	619	28	8	32	0
CONTIG-056014	447	13	11	161	2
CONTIG-056015	46	6	3	10	0
CONTIG-056017	95	6	0	2	0
CONTIG-056018	412	16	18	329	0
CONTIG-056019	208	5	6	27	0
CONTIG-056020	114	10	28	2	0
CONTIG-056021	63	7	3	4	2
CONTIG-056022	121	13	27	0	0
CONTIG-056023	227	10	17	15	0
CONTIG-056025	298	13	8	183	2
CONTIG-056026	73	2	0	4	0
CONTIG-056027	77	11	4	2	0
CONTIG-056028	145	8	2	24	0
CONTIG-056029	98	7	25	11	0
CONTIG-056030	58	6	6	8	0
CONTIG-056035	63	7	6	18	0
CONTIG-056036	263	18	21	128	2

CONTIG-056037	90	6	2	6	2
CONTIG-056038	234	7	22	34	2
CONTIG-056039	165	14	9	48	0
CONTIG-056040	100	6	11	15	0
CONTIG-056042	428	15	9	355	0
CONTIG-056043	99	5	0	6	0
CONTIG-056044	135	12	12	58	0
CONTIG-056046	368	10	33	76	0
CONTIG-056051	445	16	5	2	0
CONTIG-056053	59	4	10	3	0
CONTIG-056054	102	6	5	14	0
CONTIG-056055	159	10	2	66	0
CONTIG-056057	146	4	10	6	0
CONTIG-056059	108	7	4	8	0
CONTIG-056060	524	10	9	154	6
CONTIG-056062	158	9	4	27	2
CONTIG-056063	134	14	9	66	0
CONTIG-056064	173	6	2	33	0
CONTIG-056065	231	6	2	27	0
CONTIG-056066	79	4	6	7	0
CONTIG-056067	46	1225	17	2426	17
CONTIG-056069	100	7	5	18	0
CONTIG-056071	121	4	0	12	0
CONTIG-056075	54	9	0	9	0
CONTIG-056076	205	6	21	35	0
CONTIG-056077	63	14	9	7	0
CONTIG-056078	65	6	13	14	0
CONTIG-056079	706	17	32	503	0
CONTIG-056081	142	8	23	27	0
CONTIG-056082	127	7	3	26	0
CONTIG-056083	173	3	4	0	0
CONTIG-056090	292	26	24	390	0
CONTIG-056091	193	6	8	12	0
CONTIG-056093	83	3	2	7	0
CONTIG-056101	180	13	20	46	0
CONTIG-056102	148	4	8	5	0
CONTIG-056103	71	5	3	6	0
CONTIG-056107	64	13	13	16	0
CONTIG-056109	142	9	23	33	0
CONTIG-056110	244	12	14	21	0
CONTIG-056111	371	10	45	64	0
CONTIG-056112	75	7	11	16	0
CONTIG-056113	200	10	7	70	0
CONTIG-056114	95	10	11	29	0
CONTIG-056115	394	8	23	24	0
CONTIG-056116	88	11	60	0	6
CONTIG-056117	77	5	11	2	0

CONTIG-056118	78	9	5	29	0
CONTIG-056119	94	9	36	0	0
CONTIG-056121	131	8	4	27	0
CONTIG-056122	81	14	30	7	0
CONTIG-056123	100	5	6	0	0
CONTIG-056124	99	14	62	6	0
CONTIG-056125	357	10	7	190	0
CONTIG-056126	131	5	0	17	0
CONTIG-056127	222	14	27	19	0
CONTIG-056128	668	10	8	299	0
CONTIG-056129	99	5	3	18	0
CONTIG-056130	132	7	3	39	0
CONTIG-056131	95	4	0	6	3
CONTIG-056133	137	5	5	0	0
CONTIG-056134	178	10	9	65	3
CONTIG-056135	63	3	2	0	0
CONTIG-056136	103	3	9	4	0
CONTIG-056137	520	9	9	195	0
CONTIG-056138	96	9	39	22	0
CONTIG-056139	138	7	6	20	0
CONTIG-056140	175	7	23	38	0
CONTIG-056141	141	7	73	9	0
CONTIG-056142	203	9	26	17	0
CONTIG-056143	138	6	4	18	0
CONTIG-056144	178	13	21	58	0
CONTIG-056145	206	16	19	62	2
CONTIG-056146	80	6	11	5	0
CONTIG-056147	115	7	8	21	0
CONTIG-056148	76	10	18	4	2
CONTIG-056149	211	15	14	76	2
CONTIG-056152	167	5	3	31	0
CONTIG-056153	136	5	6	20	0
CONTIG-056154	64	8	5	18	0
CONTIG-056155	292	20	35	124	0
CONTIG-056156	280	14	22	9	0
CONTIG-056157	58	4	0	5	0
CONTIG-056158	297	17	27	189	2
CONTIG-056159	147	10	34	53	0
CONTIG-056160	90	12	2	36	0
CONTIG-056161	325	8	18	46	0
CONTIG-056162	86	4	9	12	0
CONTIG-056163	65	4	4	8	0
CONTIG-056164	58	4	11	0	0
CONTIG-056165	294	214	118	2855	23
CONTIG-056166	270	4	0	35	0
CONTIG-056167	130	5	11	18	0
CONTIG-056168	120	13	2	77	0

CONTIG-056169	113	4	0	13	0
CONTIG-056170	254	7	11	48	0
CONTIG-056171	71	4	4	6	0
CONTIG-056175	63	13	16	22	0
CONTIG-056176	74	15	3	67	0
CONTIG-056177	80	5	11	2	0
CONTIG-056178	91	6	18	4	0
CONTIG-056179	270	7	10	38	0
CONTIG-056180	417	26	30	529	0
CONTIG-056181	248	13	21	144	0
CONTIG-056182	140	4	2	9	0
CONTIG-056183	171	6	2	13	0
CONTIG-056184	325	7	10	72	0
CONTIG-056185	83	6	2	15	0
CONTIG-056186	202	10	2	58	4
CONTIG-056188	342	10	7	158	0
CONTIG-056189	184	9	0	54	0
CONTIG-056190	69	10	42	2	0
CONTIG-056191	58	4	9	2	0
CONTIG-056192	264	9	20	78	0
CONTIG-056193	95	6	8	15	0
CONTIG-056194	70	4	0	11	0
CONTIG-056195	401	12	12	100	2
CONTIG-056196	108	7	0	30	0
CONTIG-056197	50	20	14	17	0
CONTIG-056198	124	8	0	39	0
CONTIG-056200	85	4	8	2	0
CONTIG-056201	59	6	7	9	0
CONTIG-056202	150	10	13	15	0
CONTIG-056203	167	5	19	26	0
CONTIG-056204	60	3	4	6	0
CONTIG-056205	59	3	3	2	0
CONTIG-056206	261	7	27	21	0
CONTIG-056207	153	10	8	58	0
CONTIG-056208	78	3	0	4	0
CONTIG-056210	107	2	0	4	0
CONTIG-056211	116	11	10	36	0
CONTIG-056212	217	12	15	112	0
CONTIG-056213	71	7	11	10	0
CONTIG-056214	110	3	9	7	0
CONTIG-056215	83	4	4	11	0
CONTIG-056216	58	10	4	13	0
CONTIG-056217	103	6	4	6	0
CONTIG-056218	61	4	3	5	0
CONTIG-056219	139	10	6	55	0
CONTIG-056220	292	12	2	145	0
CONTIG-056221	58	3	7	0	0

CONTIG-056223	185	12	12	59	0
CONTIG-056224	344	38	54	271	0
CONTIG-056225	155	4	7	8	0
CONTIG-056226	181	8	12	62	0
CONTIG-056227	155	6	12	9	4
CONTIG-056228	280	13	25	183	0
CONTIG-056230	208	20	27	95	0
CONTIG-056231	115	105	88	601	0
CONTIG-056232	234	12	39	70	2
CONTIG-056233	64	9	10	14	0
CONTIG-056234	206	10	13	50	0
CONTIG-056235	110	55	4	198	2
CONTIG-056238	317	11	14	108	0
CONTIG-056239	96	4	0	10	0
CONTIG-056240	61	4	9	7	0
CONTIG-056241	74	6	2	12	0
CONTIG-056242	63	3	5	0	0
CONTIG-056243	103	4	19	9	0
CONTIG-056244	186	10	17	63	3
CONTIG-056245	96	149	0	168	2
CONTIG-056246	107	4	2	7	0
CONTIG-056248	91	5	3	5	0
CONTIG-056249	91	13	10	35	0
CONTIG-056250	213	8	9	29	0
CONTIG-056251	143	5	14	10	0
CONTIG-056252	63	4	5	11	0
CONTIG-056253	76	5	4	2	0
CONTIG-056254	265	11	4	102	0
CONTIG-056255	100	13	19	53	0
CONTIG-056256	109	5	6	16	0
CONTIG-056257	157	27	12	31	0
CONTIG-056258	220	23	13	239	0
CONTIG-056259	82	9	18	2	0
CONTIG-056260	80	45	8	126	3
CONTIG-056261	391	9	11	81	0
CONTIG-056262	74	13	28	24	0
CONTIG-056263	70	6	2	2	0
CONTIG-056264	60	12	6	29	0
CONTIG-056265	59	4	2	6	0
CONTIG-056266	203	16	7	153	0
CONTIG-056267	514	21	26	479	0
CONTIG-056268	173	11	13	33	0
CONTIG-056269	322	5	9	35	0
CONTIG-056270	211	4	2	8	2
CONTIG-056271	65	3	0	0	0
CONTIG-056272	218	9	4	56	0
CONTIG-056273	80	7	5	23	0

CONTIG-056274	197	10	11	64	0
CONTIG-056275	95	3	0	4	0
CONTIG-056276	348	11	25	100	0
CONTIG-056277	72	31	33	38	0
CONTIG-056280	109	5	2	15	0
CONTIG-056281	66	3	4	2	0
CONTIG-056282	77	5	6	7	0
CONTIG-056283	102	16	8	9	0
CONTIG-056284	124	5	0	4	0
CONTIG-056285	114	11	16	36	0
CONTIG-056286	60	4	9	4	0
CONTIG-056287	92	24	2	64	0
CONTIG-056288	72	6	7	6	0
CONTIG-056289	64	7	4	4	0
CONTIG-056290	68	4	0	6	0
CONTIG-056291	182	4	6	20	2
CONTIG-056292	162	5	9	24	0
CONTIG-056293	265	11	27	99	3
CONTIG-056294	366	13	34	141	2
CONTIG-056295	115	6	4	12	0
CONTIG-056296	117	13	17	49	0
CONTIG-056297	138	9	4	32	0
CONTIG-056298	346	19	72	92	0
CONTIG-056299	68	6	5	4	0
CONTIG-056301	43	100	0	218	0
CONTIG-056302	78	6	5	18	0
CONTIG-056303	181	12	19	18	0
CONTIG-056304	58	8	11	6	0
CONTIG-056305	67	6	6	8	0
CONTIG-056306	96	11	36	4	0
CONTIG-056307	202	6	7	31	0
CONTIG-056310	69	10	0	27	0
CONTIG-056311	145	5	5	19	0
CONTIG-056312	65	6	13	3	0
CONTIG-056313	299	8	26	54	2
CONTIG-056314	171	11	5	63	0
CONTIG-056315	80	7	2	13	0
CONTIG-056316	193	10	14	50	2
CONTIG-056317	308	16	21	206	0
CONTIG-056318	84	7	10	23	0
CONTIG-056319	231	6	2	34	0
CONTIG-056320	144	5	4	18	0
CONTIG-056321	63	353	44	0	271
CONTIG-056322	88	19	7	50	0
CONTIG-056323	200	13	12	55	2
CONTIG-056324	93	14	7	47	0
CONTIG-056325	66	3	2	2	0

CONTIG-056326	95	4	4	13	0
CONTIG-056328	342	7	15	103	0
CONTIG-056329	81	12	11	14	0
CONTIG-056331	230	16	8	101	0
CONTIG-056332	64	18	14	49	0
CONTIG-056334	137	9	6	42	0
CONTIG-056335	133	6	6	17	0
CONTIG-056337	78	5	0	0	0
CONTIG-056339	140	3	10	3	0
CONTIG-056340	122	5	2	18	0
CONTIG-056343	296	7	10	69	0
CONTIG-056344	104	3	0	0	0
CONTIG-056345	71	9	16	12	0
CONTIG-056346	189	4	15	9	0
CONTIG-056348	117	21	35	74	2
CONTIG-056349	98	4	5	2	0
CONTIG-056350	105	9	2	29	0
CONTIG-056351	111	11	21	26	0
CONTIG-056352	133	17	0	47	2
CONTIG-056353	329	8	40	61	0
CONTIG-056354	402	15	57	260	0
CONTIG-056355	252	9	5	42	0
CONTIG-056357	387	11	83	100	0
CONTIG-056358	94	10	5	18	0
CONTIG-056359	96	8	7	29	2
CONTIG-056360	309	11	6	84	0
CONTIG-056361	252	7	12	47	0
CONTIG-056362	93	11	2	32	0
CONTIG-056363	83	12	36	2	0
CONTIG-056364	156	10	38	2	0
CONTIG-056365	108	4	11	0	0
CONTIG-056366	115	9	8	32	0
CONTIG-056367	76	4	3	7	0
CONTIG-056368	111	5	20	0	0
CONTIG-056369	335	12	8	149	2
CONTIG-056370	164	5	4	20	0
CONTIG-056371	90	3	0	10	0
CONTIG-056374	200	159	12	1983	0
CONTIG-056375	200	19	35	135	3
CONTIG-056376	174	4	2	0	0
CONTIG-056377	108	5	3	16	0
CONTIG-056378	117	6	11	18	0
CONTIG-056379	145	6	2	24	0
CONTIG-056380	296	14	27	100	0
CONTIG-056381	64	6	3	6	0
CONTIG-056382	237	8	10	48	0
CONTIG-056383	207	20	6	124	0

CONTIG-056384	100	6	2	16	0
CONTIG-056388	115	20	24	55	0
CONTIG-056389	105	8	6	30	0
CONTIG-056390	77	6	7	17	0
CONTIG-056391	87	5	2	14	0
CONTIG-056392	542	19	37	243	2
CONTIG-056393	103	11	26	0	0
CONTIG-056394	101	5	0	24	0
CONTIG-056395	157	8	18	24	0
CONTIG-056396	87	5	4	9	0
CONTIG-056397	410	12	24	125	0
CONTIG-056398	111	6	2	18	0
CONTIG-056400	86	12	30	22	0
CONTIG-056401	152	8	6	52	0
CONTIG-056402	62	9	2	12	0
CONTIG-056403	74	6	24	2	0
CONTIG-056404	59	4	5	5	0
CONTIG-056405	104	6	0	16	0
CONTIG-056406	70	7	0	20	0
CONTIG-056413	273	14	31	123	0
CONTIG-056414	114	3	0	13	0
CONTIG-056415	76	3	0	4	0
CONTIG-056416	230	10	21	24	0
CONTIG-056418	143	14	12	66	0
CONTIG-056420	168	8	8	53	0
CONTIG-056421	76	3	3	5	0
CONTIG-056422	90	4	0	8	0
CONTIG-056423	131	4	6	12	0
CONTIG-056424	170	3	2	5	0
CONTIG-056425	126	21	5	173	0
CONTIG-056426	157	5	35	13	0
CONTIG-056427	121	11	5	50	0
CONTIG-056428	165	11	18	51	0
CONTIG-056429	60	6	2	4	0
CONTIG-056430	131	11	5	49	0
CONTIG-056436	156	7	7	19	0
CONTIG-056437	72	3	5	0	0
CONTIG-056438	60	6	0	0	0
CONTIG-056439	97	23	6	66	0
CONTIG-056440	126	6	14	18	0
CONTIG-056441	168	6	10	15	0
CONTIG-056442	120	23	10	118	0
CONTIG-056443	104	8	2	26	2
CONTIG-056444	277	14	3	0	33
CONTIG-056446	61	10	2	30	0
CONTIG-056447	108	69	4	348	2
CONTIG-056448	110	14	10	16	0

CONTIG-056449	377	16	72	269	2
CONTIG-056450	202	5	4	18	0
CONTIG-056451	68	13	0	25	0
CONTIG-056452	113	7	19	13	0
CONTIG-056453	150	11	5	65	0
CONTIG-056454	86	9	21	0	0
CONTIG-056456	150	6	10	20	0
CONTIG-056457	291	8	9	78	0
CONTIG-056458	108	5	8	14	0
CONTIG-056459	121	8	33	13	0
CONTIG-056460	429	13	23	161	0
CONTIG-056461	68	10	0	5	0
CONTIG-056462	497	18	21	484	2
CONTIG-056463	90	4	4	3	0
CONTIG-056464	363	13	6	106	7
CONTIG-056465	72	7	6	10	0
CONTIG-056466	357	18	56	155	2
CONTIG-056471	286	6	10	43	2
CONTIG-056472	251	8	13	56	0
CONTIG-056473	108	13	0	86	0
CONTIG-056474	433	14	26	247	0
CONTIG-056475	183	6	5	30	0
CONTIG-056476	128	17	18	50	0
CONTIG-056477	65	4	14	3	0
CONTIG-056478	87	5	12	10	0
CONTIG-056479	97	10	16	25	0
CONTIG-056480	227	8	9	47	0
CONTIG-056481	192	16	22	87	0
CONTIG-056482	236	8	0	53	0
CONTIG-056483	72	9	8	10	0
CONTIG-056484	380	10	22	77	2
CONTIG-056485	71	32	12	59	0
CONTIG-056486	179	6	2	35	0
CONTIG-056487	59	10	2	18	0
CONTIG-056488	63	9	11	20	0
CONTIG-056489	211	16	14	143	0
CONTIG-056490	183	32	8	184	17
CONTIG-056491	110	3	5	7	0
CONTIG-056492	116	36	20	81	7
CONTIG-056493	110	6	17	22	0
CONTIG-056494	111	8	14	6	3
CONTIG-056495	70	4	5	0	0
CONTIG-056496	89	4	0	11	0
CONTIG-056497	111	16	6	98	0
CONTIG-056501	146	8	19	25	0
CONTIG-056502	702	12	19	137	23
CONTIG-056503	243	7	13	63	0

CONTIG-056504	75	11	33	0	0
CONTIG-056505	72	10	2	12	0
CONTIG-056506	125	3	0	9	0
CONTIG-056507	91	4	6	8	0
CONTIG-056508	1001	11	64	231	2
CONTIG-056509	471	24	20	496	5
CONTIG-056510	112	5	5	13	0
CONTIG-056512	91	9	8	24	0
CONTIG-056513	351	8	11	68	2
CONTIG-056514	95	12	9	23	0
CONTIG-056515	299	6	35	53	0
CONTIG-056516	182	8	4	34	2
CONTIG-056517	82	8	0	21	0
CONTIG-056518	181	14	10	67	0
CONTIG-056519	110	5	5	13	0
CONTIG-056520	278	9	35	67	2
CONTIG-056521	110	12	4	49	0
CONTIG-056522	190	8	8	56	0
CONTIG-056523	87	8	24	27	0
CONTIG-056524	419	17	32	254	4
CONTIG-056525	320	8	13	94	0
CONTIG-056526	465	10	53	127	0
CONTIG-056528	317	8	12	67	0
CONTIG-056529	89	5	6	12	0
CONTIG-056531	166	5	0	13	2
CONTIG-056532	221	5	4	20	0
CONTIG-056533	141	11	2	74	0
CONTIG-056534	213	8	8	51	0
CONTIG-056535	85	8	15	13	0
CONTIG-056536	92	6	8	19	0
CONTIG-056538	246	8	10	60	0
CONTIG-056539	97	68	9	372	0
CONTIG-056540	119	10	22	10	0
CONTIG-056541	126	21	53	63	0
CONTIG-056542	374	10	4	186	0
CONTIG-056543	300	15	45	135	0
CONTIG-056547	64	6	10	4	0
CONTIG-056548	344	48	37	764	0
CONTIG-056550	227	7	24	14	0
CONTIG-056552	400	10	64	131	0
CONTIG-056553	140	4	2	17	0
CONTIG-056554	140	4	0	16	0
CONTIG-056555	291	8	26	38	0
CONTIG-056556	100	5	4	14	0
CONTIG-056557	787	26	31	924	2
CONTIG-056558	83	6	0	15	0
CONTIG-056559	86	5	15	4	0

CONTIG-056560	83	5	7	6	0
CONTIG-056561	67	4	4	0	0
CONTIG-056562	58	3	6	2	0
CONTIG-056563	83	14	4	17	0
CONTIG-056564	143	5	15	14	0
CONTIG-056565	123	5	0	9	0
CONTIG-056567	155	43	4	315	2
CONTIG-056568	120	5	2	16	0
CONTIG-056569	187	5	0	13	0
CONTIG-056570	95	6	0	21	0
CONTIG-056571	179	10	17	33	0
CONTIG-056572	129	10	5	28	0
CONTIG-056573	460	14	27	252	3
CONTIG-056574	61	4	4	8	0
CONTIG-056575	323	9	17	95	2
CONTIG-056576	72	10	7	24	0
CONTIG-056577	147	7	7	31	0
CONTIG-056578	286	26	45	153	22
CONTIG-056579	66	7	13	0	0
CONTIG-056580	349	12	4	154	3
CONTIG-056581	133	10	9	49	0
CONTIG-056582	105	5	0	18	0
CONTIG-056583	89	4	4	10	0
CONTIG-056584	297	11	0	0	15
CONTIG-056585	415	15	2	223	2
CONTIG-056586	233	7	8	39	0
CONTIG-056587	159	6	4	33	0
CONTIG-056588	847	27	10	36	0
CONTIG-056589	80	9	5	35	0
CONTIG-056591	244	9	16	8	0
CONTIG-056592	627	36	78	1119	0
CONTIG-056593	65	5	4	2	0
CONTIG-056595	74	4	2	4	0
CONTIG-056596	147	10	20	48	0
CONTIG-056597	266	17	36	87	0
CONTIG-056598	68	4	5	10	0
CONTIG-056599	132	10	8	68	0
CONTIG-056600	157	40	8	58	0
CONTIG-056601	74	4	9	6	0
CONTIG-056602	167	6	0	23	0
CONTIG-056603	85	9	18	13	0
CONTIG-056605	112	6	2	17	2
CONTIG-056606	98	10	7	21	0
CONTIG-056607	110	9	9	20	0
CONTIG-056608	412	33	32	334	4
CONTIG-056609	226	6	5	47	0
CONTIG-056610	73	8	4	17	0

CONTIG-056611	68	5	5	11	0
CONTIG-056613	192	10	8	66	0
CONTIG-056614	136	7	26	28	0
CONTIG-056615	95	32	21	38	0
CONTIG-056616	102	7	16	2	0
CONTIG-056617	99	5	6	21	0
CONTIG-056619	233	12	20	88	0
CONTIG-056620	396	7	13	51	4
CONTIG-056621	124	3	5	13	0
CONTIG-056622	91	5	0	2	0
CONTIG-056623	67	3	3	8	0
CONTIG-056625	88	6	8	9	0
CONTIG-056626	220	16	14	153	0
CONTIG-056628	101	8	16	21	0
CONTIG-056629	289	13	16	181	0
CONTIG-056630	85	8	12	13	0
CONTIG-056633	60	6	19	0	0
CONTIG-056634	120	5	6	9	0
CONTIG-056635	170	16	16	96	0
CONTIG-056638	116	109	4	34	0
CONTIG-056639	143	12	14	79	0
CONTIG-056640	187	6	16	14	0
CONTIG-056641	209	6	6	0	0
CONTIG-056642	182	4	5	14	0
CONTIG-056643	87	4	0	2	0
CONTIG-056644	109	6	3	25	0
CONTIG-056645	96	6	5	23	0
CONTIG-056646	116	6	0	15	0
CONTIG-056647	95	9	19	0	0
CONTIG-056648	211	17	73	108	2
CONTIG-056649	128	12	7	20	0
CONTIG-056650	88	11	46	7	0
CONTIG-056652	77	13	26	17	0
CONTIG-056653	169	13	21	53	0
CONTIG-056654	257	17	10	18	0
CONTIG-056656	95	5	2	11	0
CONTIG-056658	148	7	3	30	0
CONTIG-056659	442	10	8	58	0
CONTIG-056660	88	3	3	0	0
CONTIG-056661	182	13	10	10	0
CONTIG-056662	306	12	18	41	0
CONTIG-056663	144	6	0	22	0
CONTIG-056665	159	5	3	21	0
CONTIG-056666	150	7	0	20	4
CONTIG-056667	91	6	8	8	0
CONTIG-056668	71	2	0	6	0
CONTIG-056669	176	7	50	0	0

CONTIG-056671	198	8	7	20	5
CONTIG-056672	313	7	11	82	0
CONTIG-056673	68	3	0	3	0
CONTIG-056675	170	75	4	654	4
CONTIG-056677	206	10	6	30	0
CONTIG-056678	72	42	6	101	0
CONTIG-056679	77	4	5	6	0
CONTIG-056680	108	8	31	28	0
CONTIG-056681	65	13	7	19	0
CONTIG-056682	173	7	11	36	0
CONTIG-056683	62	5	0	5	0
CONTIG-056684	113	6	5	16	0
CONTIG-056685	143	7	19	11	2
CONTIG-056686	149	12	13	67	0
CONTIG-056687	97	17	10	30	2
CONTIG-056688	197	10	14	23	0
CONTIG-056689	103	13	5	37	0
CONTIG-056690	68	7	2	13	0
CONTIG-056691	646	18	0	0	4
CONTIG-056692	74	6	8	22	0
CONTIG-056693	396	11	11	128	0
CONTIG-056694	83	4	0	9	0
CONTIG-056701	531	18	30	268	0
CONTIG-056702	59	6	7	9	0
CONTIG-056703	67	3	0	7	0
CONTIG-056704	159	9	10	42	0
CONTIG-056706	123	4	2	11	0
CONTIG-056707	143	14	8	84	0
CONTIG-056708	153	6	5	30	0
CONTIG-056709	63	7	5	11	0
CONTIG-056710	118	6	15	10	2
CONTIG-056711	64	11	14	14	0
CONTIG-056712	100	6	3	9	2
CONTIG-056713	520	13	41	219	0
CONTIG-056714	274	17	4	2	0
CONTIG-056715	367	13	9	186	0
CONTIG-056716	263	10	9	81	5
CONTIG-056718	295	10	9	63	2
CONTIG-056719	65	3	3	2	2
CONTIG-056720	120	4	8	6	0
CONTIG-056721	106	4	2	6	0
CONTIG-056722	102	16	7	53	0
CONTIG-056723	282	13	11	39	0
CONTIG-056724	100	18	9	9	0
CONTIG-056725	208	7	47	17	0
CONTIG-056727	104	6	2	21	0
CONTIG-056728	64	8	8	0	2

CONTIG-056729	65	11	3	2	0
CONTIG-056730	510	11	6	145	7
CONTIG-056731	161	4	4	25	0
CONTIG-056732	724	20	66	771	2
CONTIG-056733	152	6	16	32	0
CONTIG-056734	107	243	2	5	466
CONTIG-056735	97	10	3	0	0
CONTIG-056736	98	4	7	7	0
CONTIG-056737	75	5	15	0	0
CONTIG-056739	64	4	0	7	0
CONTIG-056740	314	8	4	86	0
CONTIG-056741	131	10	6	40	0
CONTIG-056742	290	20	25	168	2
CONTIG-056743	155	7	8	30	0
CONTIG-056744	92	10	20	18	0
CONTIG-056745	221	11	13	76	0
CONTIG-056746	66	4	2	6	0
CONTIG-056747	167	20	4	154	0
CONTIG-056748	248	7	16	44	0
CONTIG-056749	69	5	0	13	0
CONTIG-056750	80	7	11	0	0
CONTIG-056751	61	3	0	0	0
CONTIG-056752	67	5	11	0	0
CONTIG-056754	202	17	3	0	25
CONTIG-056755	109	6	8	11	0
CONTIG-056756	373	21	43	209	9
CONTIG-056757	218	5	13	22	0
CONTIG-056758	135	10	17	43	0
CONTIG-056759	339	11	4	171	0
CONTIG-056760	106	7	28	6	0
CONTIG-056761	58	17	19	0	0
CONTIG-056762	72	22	25	40	2
CONTIG-056763	378	13	13	257	0
CONTIG-056764	211	6	9	43	0
CONTIG-056765	123	9	2	15	0
CONTIG-056766	117	27	2	57	2
CONTIG-056767	601	20	48	357	9
CONTIG-056768	327	7	18	57	3
CONTIG-056769	66	4	11	0	0
CONTIG-056770	56	696	8	37	0
CONTIG-056771	171	13	2	0	36
CONTIG-056772	169	12	15	66	0
CONTIG-056773	156	6	11	25	2
CONTIG-056774	131	9	3	41	0
CONTIG-056775	76	5	2	7	0
CONTIG-056776	83	6	3	3	0
CONTIG-056777	214	11	5	97	0

CONTIG-056779	100	24	23	42	2
CONTIG-056780	201	7	3	19	0
CONTIG-056781	432	17	40	78	0
CONTIG-056782	183	6	2	29	0
CONTIG-056783	68	5	8	7	0
CONTIG-056784	172	6	11	36	0
CONTIG-056785	314	12	6	16	0
CONTIG-056786	145	5	2	21	0
CONTIG-056787	94	16	2	55	0
CONTIG-056788	225	7	7	47	2
CONTIG-056790	127	16	4	115	0
CONTIG-056791	337	13	51	160	2
CONTIG-056792	146	122	39	376	141
CONTIG-056793	314	5	5	43	0
CONTIG-056794	102	8	6	15	0
CONTIG-056795	199	11	84	31	0
CONTIG-056797	317	12	11	51	4
CONTIG-056798	104	4	0	15	0
CONTIG-056799	185	18	65	0	2
CONTIG-056800	122	6	2	14	0
CONTIG-056801	191	7	4	33	0
CONTIG-056802	141	15	32	22	2
CONTIG-056803	125	5	4	22	2
CONTIG-056804	201	9	2	52	0
CONTIG-056805	62	4	2	4	0
CONTIG-056806	135	4	6	10	2
CONTIG-056807	64	6	2	14	0
CONTIG-056808	152	5	14	11	0
CONTIG-056809	176	8	7	45	0
CONTIG-056811	139	3	15	5	0
CONTIG-056812	65	18	15	0	0
CONTIG-056813	102	15	9	89	0
CONTIG-056814	350	14	45	209	2
CONTIG-056815	103	6	8	4	0
CONTIG-056816	372	7	10	98	0
CONTIG-056817	161	6	0	21	0
CONTIG-056818	145	8	14	14	0
CONTIG-056820	60	21	19	39	2
CONTIG-056821	170	13	2	82	0
CONTIG-056822	80	4	14	2	0
CONTIG-056823	187	12	46	50	0
CONTIG-056824	45	6	3	6	0
CONTIG-056825	207	10	0	81	4
CONTIG-056826	131	14	20	14	2
CONTIG-056827	707	35	3	1495	0
CONTIG-056828	87	23	96	10	0
CONTIG-056829	352	10	0	73	0

CONTIG-056830	71	3	8	6	0
CONTIG-056831	112	28	15	161	0
CONTIG-056832	353	10	10	101	0
CONTIG-056833	103	10	21	28	0
CONTIG-056834	70	3	0	0	0
CONTIG-056835	104	6	2	19	0
CONTIG-056836	76	5	16	2	0
CONTIG-056837	75	4	7	6	0
CONTIG-056838	227	6	3	50	0
CONTIG-056839	77	7	23	4	0
CONTIG-056840	345	4	2	51	0
CONTIG-056841	145	17	16	117	0
CONTIG-056843	68	3	0	0	0
CONTIG-056844	290	11	7	137	2
CONTIG-056845	123	5	2	11	0
CONTIG-056846	101	11	9	36	0
CONTIG-056847	105	10	4	48	0
CONTIG-056848	163	8	0	42	0
CONTIG-056849	65	5	5	2	0
CONTIG-056851	200	33	52	82	0
CONTIG-056852	156	6	2	15	0
CONTIG-056853	197	13	0	70	4
CONTIG-056854	217	7	7	47	0
CONTIG-056855	217	5	8	22	0
CONTIG-056856	93	6	0	11	0
CONTIG-056857	80	6	31	7	0
CONTIG-056858	80	11	8	22	0
CONTIG-056859	123	6	6	17	0
CONTIG-056860	87	4	5	0	0
CONTIG-056861	281	11	22	77	4
CONTIG-056862	290	16	18	94	6
CONTIG-056863	182	9	10	44	2
CONTIG-056864	263	15	20	107	2
CONTIG-056865	72	22	19	2	0
CONTIG-056866	67	4	4	2	0
CONTIG-056867	240	6	7	54	0
CONTIG-056868	180	5	2	27	0
CONTIG-056869	61	10	5	6	0
CONTIG-056870	79	10	2	20	0
CONTIG-056871	59	34	4	49	0
CONTIG-056872	261	6	0	68	0
CONTIG-056873	81	7	7	4	0
CONTIG-056881	117	8	24	4	0
CONTIG-056882	154	16	6	110	0
CONTIG-056883	287	7	4	40	0
CONTIG-056884	165	10	16	56	0
CONTIG-056885	239	7	3	35	0

CONTIG-056887	84	3	0	5	0
CONTIG-056888	101	3	0	5	0
CONTIG-056889	195	19	5	168	0
CONTIG-056890	172	8	6	23	0
CONTIG-056891	114	7	13	24	0
CONTIG-056892	133	7	5	3	0
CONTIG-056895	109	5	4	13	0
CONTIG-056896	162	17	12	116	0
CONTIG-056897	65	5	3	5	0
CONTIG-056898	259	6	8	21	0
CONTIG-056899	450	97	2	882	12
CONTIG-056900	432	11	30	153	0
CONTIG-056901	116	11	9	27	0
CONTIG-056902	141	11	18	22	0
CONTIG-056906	67	5	3	13	0
CONTIG-056907	219	6	8	34	0
CONTIG-056908	1104	10	47	244	12
CONTIG-056909	62	5	3	3	0
CONTIG-056910	90	3	3	2	0
CONTIG-056911	83	4	12	0	0
CONTIG-056912	226	6	11	46	0
CONTIG-056913	460	7	22	103	0
CONTIG-056914	238	10	19	53	0
CONTIG-056915	106	3	0	9	0
CONTIG-056916	212	14	7	76	0
CONTIG-056917	63	3	3	0	0
CONTIG-056918	147	7	20	38	0
CONTIG-056919	311	4	14	26	0
CONTIG-056920	148	6	37	29	0
CONTIG-056921	113	11	13	54	0
CONTIG-056922	93	4	2	6	0
CONTIG-056923	56	26	6	58	0
CONTIG-056924	65	5	2	9	0
CONTIG-056925	169	8	2	25	0
CONTIG-056926	141	8	0	37	0
CONTIG-056927	106	4	3	5	0
CONTIG-056928	82	6	0	0	0
CONTIG-056931	145	9	11	37	0
CONTIG-056932	69	54	12	128	0
CONTIG-056933	101	5	12	22	0
CONTIG-056934	230	10	4	22	2
CONTIG-056935	108	6	29	16	0
CONTIG-056938	237	8	5	49	0
CONTIG-056939	170	56	2	0	81
CONTIG-056940	434	27	141	422	3
CONTIG-056941	192	9	0	45	0
CONTIG-056942	264	8	8	78	0

CONTIG-056943	71	3	0	4	0
CONTIG-056944	78	3	5	4	0
CONTIG-056948	261	9	49	54	0
CONTIG-056949	102	4	18	0	0
CONTIG-056950	173	4	4	8	0
CONTIG-056951	138	8	27	40	0
CONTIG-056952	74	6	5	12	0
CONTIG-056953	401	10	19	127	0
CONTIG-056954	420	12	7	249	2
CONTIG-056955	277	7	12	32	2
CONTIG-056956	295	7	7	51	2
CONTIG-056957	64	4	4	7	0
CONTIG-056965	151	6	3	4	0
CONTIG-056969	309	9	3	138	0
CONTIG-056970	334	13	31	116	2
CONTIG-056971	157	5	13	15	0
CONTIG-056972	205	14	4	74	2
CONTIG-056973	104	13	10	44	0
CONTIG-056974	71	12	11	14	3
CONTIG-056975	79	16	31	5	0
CONTIG-056976	140	7	4	39	0
CONTIG-056977	229	7	10	36	2
CONTIG-056978	105	15	10	13	4
CONTIG-056979	78	35	21	58	0
CONTIG-056980	106	3	6	6	0
CONTIG-056981	77	7	7	0	0
CONTIG-056982	102	8	2	28	0
CONTIG-056983	687	10	16	213	2
CONTIG-056984	70	8	5	14	0
CONTIG-056985	159	21	16	156	0
CONTIG-056986	99	18	16	38	0
CONTIG-056987	61	9	0	2	0
CONTIG-056988	65	2	0	2	0
CONTIG-056989	89	4	14	4	2
CONTIG-056990	174	9	6	44	0
CONTIG-056991	65	4	2	2	0
CONTIG-057000	343	6	0	27	0
CONTIG-057001	483	13	22	223	4
CONTIG-057002	173	7	6	42	0
CONTIG-057003	408	11	6	123	0
CONTIG-057004	175	6	12	44	0
CONTIG-057005	193	9	14	43	0
CONTIG-057006	206	14	39	91	0
CONTIG-057007	46	106	31	132	0
CONTIG-057008	106	4	3	6	0
CONTIG-057009	117	4	9	13	0
CONTIG-057010	60	4	6	5	0

CONTIG-057011	786	20	29	678	0
CONTIG-057012	122	6	26	4	0
CONTIG-057013	182	7	8	42	2
CONTIG-057014	596	18	62	47	10
CONTIG-057015	280	20	32	159	0
CONTIG-057016	827	9	15	161	0
CONTIG-057017	87	13	2	52	0
CONTIG-057018	141	15	46	87	0
CONTIG-057019	153	14	13	102	0
CONTIG-057020	67	7	17	8	0
CONTIG-057021	76	7	2	13	0
CONTIG-057022	101	8	0	25	0
CONTIG-057023	73	2	0	0	0
CONTIG-057024	296	7	0	36	0
CONTIG-057025	272	13	33	77	0
CONTIG-057026	94	4	0	5	0
CONTIG-057027	158	4	0	10	2
CONTIG-057028	313	7	3	2	0
CONTIG-057029	67	2	2	4	0
CONTIG-057030	181	10	40	15	0
CONTIG-057031	125	6	0	20	0
CONTIG-057032	280	10	22	95	0
CONTIG-057033	157	6	5	16	0
CONTIG-057034	373	8	30	77	0
CONTIG-057035	329	10	12	119	0
CONTIG-057036	624	7	13	83	29
CONTIG-057037	131	8	11	36	0
CONTIG-057039	59	4	2	8	0
CONTIG-057040	348	11	6	98	2
CONTIG-057041	552	12	18	125	10
CONTIG-057042	64	7	3	7	0
CONTIG-057044	67	23	47	0	0
CONTIG-057048	268	8	7	87	0
CONTIG-057049	263	9	45	95	0
CONTIG-057050	210	7	17	73	0
CONTIG-057051	164	8	6	60	0
CONTIG-057052	66	6	6	8	0
CONTIG-057053	117	9	5	31	0
CONTIG-057054	592	27	5	6	0
CONTIG-057055	380	10	17	109	2
CONTIG-057056	67	11	9	7	0
CONTIG-057057	284	78	28	1142	0
CONTIG-057058	59	4	3	6	0
CONTIG-057059	172	8	14	38	0
CONTIG-057061	221	15	24	99	0
CONTIG-057062	88	7	6	4	0
CONTIG-057063	75	10	8	11	0

CONTIG-057064	186	4	6	14	0
CONTIG-057065	179	6	10	19	0
CONTIG-057066	165	7	3	11	2
CONTIG-057068	64	3	0	6	0
CONTIG-057069	129	8	13	10	0
CONTIG-057070	65	5	9	5	0
CONTIG-057071	76	6	2	6	0
CONTIG-057072	65	5	2	6	0
CONTIG-057073	68	6	7	6	0
CONTIG-057074	36	445	0	256	0
CONTIG-057075	94	15	43	32	2
CONTIG-057076	75	11	12	11	0
CONTIG-057079	161	4	6	13	0
CONTIG-057080	74	24	5	73	0
CONTIG-057082	78	3	7	2	0
CONTIG-057083	108	7	8	21	0
CONTIG-057084	109	6	13	11	0
CONTIG-057085	155	13	13	67	0
CONTIG-057086	172	14	15	75	0
CONTIG-057087	89	3	3	0	0
CONTIG-057088	83	12	20	18	0
CONTIG-057089	157	10	11	2	2
CONTIG-057090	130	32	25	138	0
CONTIG-057091	184	6	12	25	0
CONTIG-057092	189	6	8	31	0
CONTIG-057093	81	5	2	4	0
CONTIG-057094	103	7	7	8	0
CONTIG-057095	450	7	29	64	0
CONTIG-057096	184	13	18	71	0
CONTIG-057097	65	15	15	10	0
CONTIG-057098	67	3	0	0	0
CONTIG-057099	86	11	4	32	0
CONTIG-057100	76	4	0	6	0
CONTIG-057101	99	8	2	12	0
CONTIG-057102	61	6	6	2	0
CONTIG-057103	506	13	62	214	0
CONTIG-057104	97	13	2	46	0
CONTIG-057105	122	10	39	14	0
CONTIG-057106	326	10	24	63	0
CONTIG-057107	538	14	43	288	2
CONTIG-057109	168	6	11	15	0
CONTIG-057113	94	14	33	10	0
CONTIG-057114	58	6	7	13	0
CONTIG-057115	378	7	10	59	0
CONTIG-057116	348	11	21	70	3
CONTIG-057117	104	7	0	16	0
CONTIG-057118	133	7	2	0	0

CONTIG-057119	312	15	13	154	0
CONTIG-057121	66	4	7	8	2
CONTIG-057122	78	6	4	7	0
CONTIG-057123	129	11	2	24	0
CONTIG-057124	608	10	44	161	0
CONTIG-057125	67	3	2	2	0
CONTIG-057126	121	14	13	62	0
CONTIG-057127	109	4	2	17	0
CONTIG-057128	60	4	4	0	0
CONTIG-057129	156	8	7	38	0
CONTIG-057130	59	15	57	2	0
CONTIG-057131	544	12	6	234	2
CONTIG-057132	274	18	3	0	61
CONTIG-057133	109	6	5	15	0
CONTIG-057134	63	3	2	7	0
CONTIG-057139	74	5	4	2	0
CONTIG-057140	437	20	53	393	0
CONTIG-057141	272	7	0	66	0
CONTIG-057144	244	11	6	56	0
CONTIG-057145	75	13	2	32	3
CONTIG-057146	78	7	15	0	0
CONTIG-057147	689	12	26	251	4
CONTIG-057148	106	24	8	123	0
CONTIG-057149	104	7	14	23	0
CONTIG-057153	62	1132	3	0	23
CONTIG-057154	152	5	2	19	0
CONTIG-057155	141	12	0	68	2
CONTIG-057157	79	4	6	3	0
CONTIG-057158	115	8	24	25	0
CONTIG-057159	207	14	4	106	0
CONTIG-057160	232	8	2	47	0
CONTIG-057161	269	11	8	126	2
CONTIG-057164	303	33	0	0	104
CONTIG-057165	385	11	7	98	0
CONTIG-057166	77	8	7	0	0
CONTIG-057167	154	8	16	48	0
CONTIG-057168	122	7	8	0	0
CONTIG-057169	200	7	3	37	0
CONTIG-057170	230	20	17	221	0
CONTIG-057171	257	9	9	98	0
CONTIG-057172	80	3	0	6	0
CONTIG-057173	239	25	23	337	0
CONTIG-057174	75	5	9	10	0
CONTIG-057177	152	62	4	459	0
CONTIG-057178	61	4	2	6	0
CONTIG-057179	111	7	9	25	0
CONTIG-057181	62	6	12	2	0

CONTIG-057182	289	14	49	122	0
CONTIG-057183	236	6	2	0	0
CONTIG-057184	90	7	7	10	0
CONTIG-057185	268	10	19	91	0
CONTIG-057186	260	12	22	78	0
CONTIG-057187	61	4	11	4	0
CONTIG-057188	75	5	0	4	0
CONTIG-057194	123	12	6	41	0
CONTIG-057195	168	12	62	30	0
CONTIG-057196	389	41	5	0	310
CONTIG-057197	89	6	2	19	0
CONTIG-057198	105	4	4	7	0
CONTIG-057199	251	8	3	49	2
CONTIG-057200	69	5	13	2	0
CONTIG-057201	155	8	2	58	0
CONTIG-057202	163	6	4	4	0
CONTIG-057203	141	8	7	35	0
CONTIG-057205	71	12	4	29	0
CONTIG-057206	147	7	17	20	0
CONTIG-057207	65	6	9	4	0
CONTIG-057208	204	27	26	160	0
CONTIG-057209	132	8	2	29	0
CONTIG-057210	138	7	0	41	0
CONTIG-057211	85	6	2	13	0
CONTIG-057212	443	7	16	89	2
CONTIG-057213	77	7	4	23	0
CONTIG-057214	264	6	0	0	0
CONTIG-057215	99	11	15	18	0
CONTIG-057216	59	11	2	23	0
CONTIG-057217	279	7	20	12	0
CONTIG-057219	67	8	6	13	0
CONTIG-057220	93	4	7	0	0
CONTIG-057221	125	3	0	10	0
CONTIG-057223	54	120	3	304	0
CONTIG-057224	46	73	5	90	0
CONTIG-057226	86	10	7	30	0
CONTIG-057227	205	12	25	76	0
CONTIG-057228	514	12	16	176	2
CONTIG-057230	61	4	0	2	0
CONTIG-057231	117	10	2	43	2
CONTIG-057232	379	8	4	146	0
CONTIG-057233	169	11	10	74	2
CONTIG-057234	429	19	24	251	0
CONTIG-057235	318	10	7	115	0
CONTIG-057236	80	11	17	25	0
CONTIG-057237	155	412	15	3	1190
CONTIG-057238	66	10	9	7	0

CONTIG-057239	73	21	21	17	0
CONTIG-057240	289	10	18	68	0
CONTIG-057242	117	9	10	27	0
CONTIG-057243	180	4	3	19	0
CONTIG-057244	131	7	2	35	2
CONTIG-057247	67	5	6	2	0
CONTIG-057248	96	16	8	61	0
CONTIG-057253	579	13	7	160	4
CONTIG-057254	88	5	0	16	0
CONTIG-057255	166	4	17	17	0
CONTIG-057256	143	10	14	2	0
CONTIG-057260	109	4	7	0	0
CONTIG-057265	252	7	7	32	5
CONTIG-057266	208	8	11	25	0
CONTIG-057268	256	15	24	117	2
CONTIG-057270	237	13	41	94	0
CONTIG-057273	90	4	0	9	0
CONTIG-057274	620	10	30	94	0
CONTIG-057275	152	23	35	89	5
CONTIG-057280	118	5	5	16	0
CONTIG-057281	72	6	5	11	0
CONTIG-057282	129	7	26	15	0
CONTIG-057283	117	12	4	68	0
CONTIG-057284	88	8	8	16	0
CONTIG-057288	159	5	16	19	0
CONTIG-057289	116	5	10	13	0
CONTIG-057290	137	12	28	68	2
CONTIG-057291	70	55	22	138	2
CONTIG-057293	181	6	2	8	0
CONTIG-057294	120	12	4	29	0
CONTIG-057295	162	5	6	29	0
CONTIG-057296	81	7	8	17	0
CONTIG-057297	119	5	5	15	0
CONTIG-057298	141	4	11	4	0
CONTIG-057300	479	11	25	115	0
CONTIG-057301	99	14	27	28	2
CONTIG-057302	127	8	3	42	0
CONTIG-057303	276	16	23	131	0
CONTIG-057304	69	11	12	28	0
CONTIG-057305	334	13	19	214	0
CONTIG-057307	162	10	4	0	0
CONTIG-057308	99	10	64	7	2
CONTIG-057309	97	6	9	12	0
CONTIG-057310	522	19	17	481	10
CONTIG-057311	416	8	22	93	0
CONTIG-057314	94	6	2	12	0
CONTIG-057315	97	15	23	21	0

CONTIG-057316	85	11	28	25	0
CONTIG-057319	131	13	6	61	2
CONTIG-057320	158	5	9	5	0
CONTIG-057321	139	7	23	4	0
CONTIG-057322	152	5	12	18	0
CONTIG-057323	127	6	0	22	0
CONTIG-057324	254	11	20	93	0
CONTIG-057325	352	12	5	68	5
CONTIG-057326	199	7	30	29	0
CONTIG-057327	576	9	47	120	2
CONTIG-057328	224	6	0	26	0
CONTIG-057330	460	10	31	158	0
CONTIG-057331	65	3	0	2	0
CONTIG-057333	540	22	45	88	0
CONTIG-057334	81	3	11	6	0
CONTIG-057335	67	4	4	0	0
CONTIG-057336	126	8	5	31	0
CONTIG-057337	60	6	22	0	0
CONTIG-057338	68	5	8	6	0
CONTIG-057339	159	7	21	28	2
CONTIG-057340	100	4	2	5	0
CONTIG-057341	100	6	5	20	0
CONTIG-057342	70	10	5	6	0
CONTIG-057343	66	7	3	5	0
CONTIG-057344	201	9	12	49	0
CONTIG-057345	154	8	27	40	0
CONTIG-057346	190	25	57	103	2
CONTIG-057347	473	32	19	763	0
CONTIG-057348	430	10	0	0	15
CONTIG-057349	99	9	4	27	0
CONTIG-057350	371	14	34	160	0
CONTIG-057351	74	4	2	2	0
CONTIG-057352	465	13	62	231	0
CONTIG-057353	117	5	10	8	0
CONTIG-057354	224	7	15	39	0
CONTIG-057355	134	8	3	30	0
CONTIG-057356	94	7	0	27	0
CONTIG-057357	85	7	8	18	0
CONTIG-057358	93	6	10	6	0
CONTIG-057359	68	5	5	8	0
CONTIG-057360	90	7	30	2	0
CONTIG-057362	351	12	7	0	0
CONTIG-057363	204	14	30	77	0
CONTIG-057364	145	4	2	19	2
CONTIG-057366	147	4	0	21	0
CONTIG-057367	92	4	2	12	0
CONTIG-057368	78	7	2	0	0

CONTIG-057373	133	7	2	22	0
CONTIG-057374	98	4	12	2	0
CONTIG-057375	149	11	3	2	0
CONTIG-057377	66	5	2	10	0
CONTIG-057378	74	7	0	29	0
CONTIG-057379	144	12	19	34	3
CONTIG-057380	199	1048	34	7578	2
CONTIG-057381	42	45	5	26	2
CONTIG-057382	200	6	4	11	2
CONTIG-057383	235	19	15	251	0
CONTIG-057384	349	7	0	79	0
CONTIG-057385	183	9	5	47	0
CONTIG-057386	100	4	9	0	0
CONTIG-057387	76	5	7	17	0
CONTIG-057388	311	10	5	93	6
CONTIG-057389	138	9	7	38	2
CONTIG-057390	147	6	6	18	0
CONTIG-057391	73	4	4	2	0
CONTIG-057392	195	11	5	85	0
CONTIG-057394	123	15	8	82	0
CONTIG-057395	67	16	4	31	2
CONTIG-057396	146	8	13	38	0
CONTIG-057397	186	12	8	61	0
CONTIG-057398	43	398	0	257	0
CONTIG-057399	81	3	0	8	0
CONTIG-057400	226	7	9	8	0
CONTIG-057401	196	10	2	59	0
CONTIG-057402	418	32	29	567	3
CONTIG-057403	542	18	97	377	0
CONTIG-057404	119	9	15	23	0
CONTIG-057405	148	5	6	14	0
CONTIG-057406	63	11	0	17	0
CONTIG-057407	162	7	0	41	0
CONTIG-057408	59	4	2	2	0
CONTIG-057409	106	10	2	30	2
CONTIG-057410	156	7	12	18	0
CONTIG-057411	78	8	0	21	0
CONTIG-057412	58	5	6	2	0
CONTIG-057414	58	5	24	0	0
CONTIG-057415	196	6	24	26	0
CONTIG-057416	183	27	30	78	27
CONTIG-057417	102	13	20	47	0
CONTIG-057418	110	6	23	16	0
CONTIG-057419	264	16	36	111	4
CONTIG-057420	48	13	11	18	0
CONTIG-057421	65	7	27	2	0
CONTIG-057422	93	5	5	7	0

CONTIG-057424	63	8	0	11	2
CONTIG-057425	188	4	11	25	0
CONTIG-057426	328	7	0	0	6
CONTIG-057427	44	967	52	2189	0
CONTIG-057428	79	5	5	4	0
CONTIG-057429	237	10	8	89	0
CONTIG-057430	66	9	21	18	0
CONTIG-057431	93	6	5	11	2
CONTIG-057432	98	7	0	25	0
CONTIG-057433	557	13	22	269	0
CONTIG-057434	524	22	38	415	2
CONTIG-057435	90	107	17	429	0
CONTIG-057436	522	16	22	143	10
CONTIG-057437	62	6	13	5	0
CONTIG-057439	73	2	2	0	0
CONTIG-057440	50	20	2	17	0
CONTIG-057441	219	9	17	69	0
CONTIG-057442	283	8	9	58	0
CONTIG-057443	122	7	16	15	0
CONTIG-057444	229	5	4	43	0
CONTIG-057445	136	6	6	15	0
CONTIG-057447	286	43	22	331	44
CONTIG-057450	64	6	2	7	0
CONTIG-057451	456	25	77	609	0
CONTIG-057452	103	4	0	16	0
CONTIG-057453	127	8	4	24	0
CONTIG-057456	140	7	3	30	0
CONTIG-057457	88	4	7	0	0
CONTIG-057458	154	20	62	119	2
CONTIG-057459	259	9	2	57	2
CONTIG-057461	199	9	5	80	0
CONTIG-057462	238	17	34	121	0
CONTIG-057463	312	15	19	176	2
CONTIG-057464	164	9	19	40	0
CONTIG-057465	125	24	9	102	0
CONTIG-057466	182	4	2	26	0
CONTIG-057467	137	5	8	10	0
CONTIG-057468	66	11	5	28	0
CONTIG-057469	137	4	4	9	0
CONTIG-057470	43	146	2	0	13
CONTIG-057471	271	22	2	242	2
CONTIG-057472	109	5	8	8	0
CONTIG-057473	82	5	3	13	0
CONTIG-057474	48	157	0	385	2
CONTIG-057476	221	9	44	29	0
CONTIG-057477	106	6	4	20	0
CONTIG-057478	104	4	4	16	0

CONTIG-057479	162	12	17	72	2
CONTIG-057480	153	8	30	14	0
CONTIG-057481	235	18	17	134	0
CONTIG-057482	195	9	15	15	0
CONTIG-057483	103	10	12	15	0
CONTIG-057484	62	4	7	0	0
CONTIG-057490	53	70	16	70	0
CONTIG-057491	253	10	6	72	4
CONTIG-057492	158	12	4	57	2
CONTIG-057493	66	8	0	22	0
CONTIG-057494	102	10	4	40	0
CONTIG-057495	65	3	0	12	0
CONTIG-057496	58	8	14	8	0
CONTIG-057497	440	11	22	94	2
CONTIG-057498	61	5	14	8	0
CONTIG-057499	102	7	6	25	0
CONTIG-057500	226	7	12	41	0
CONTIG-057501	61	6	21	3	0
CONTIG-057502	632	23	27	2	0
CONTIG-057503	233	7	10	45	0
CONTIG-057504	104	5	0	13	0
CONTIG-057505	462	14	19	134	4
CONTIG-057506	67	7	4	6	0
CONTIG-057507	81	5	0	15	0
CONTIG-057508	277	12	9	114	0
CONTIG-057509	63	4	0	2	0
CONTIG-057510	327	9	11	72	0
CONTIG-057511	314	8	5	47	0
CONTIG-057512	137	20	30	81	0
CONTIG-057513	293	11	44	110	0
CONTIG-057514	104	4	4	6	0
CONTIG-057515	104	4	4	14	0
CONTIG-057516	319	8	7	90	0
CONTIG-057517	70	4	2	5	0
CONTIG-057518	60	7	7	6	0
CONTIG-057523	86	13	29	20	0
CONTIG-057524	94	3	0	12	0
CONTIG-057525	218	4	5	26	0
CONTIG-057528	162	6	0	37	0
CONTIG-057529	81	10	5	25	0
CONTIG-057530	126	8	3	30	0
CONTIG-057531	87	6	0	18	0
CONTIG-057532	70	6	4	11	2
CONTIG-057535	93	5	14	11	0
CONTIG-057536	115	25	19	108	0
CONTIG-057537	59	7	7	9	0
CONTIG-057538	134	8	34	18	0

CONTIG-057539	46	171	75	48	2
CONTIG-057540	209	16	14	131	0
CONTIG-057541	73	3	0	5	0
CONTIG-057542	94	12	11	43	0
CONTIG-057543	185	10	3	76	0
CONTIG-057544	105	5	6	15	0
CONTIG-057545	75	7	9	10	0
CONTIG-057546	63	4	8	0	0
CONTIG-057552	195	98	7	16	0
CONTIG-057553	41	207	0	3	0
CONTIG-057554	69	7	4	15	0
CONTIG-057556	40	5	0	5	0
CONTIG-057557	131	9	0	36	0
CONTIG-057558	230	10	45	78	0
CONTIG-057560	204	11	15	54	0
CONTIG-057561	79	6	4	13	0
CONTIG-057562	99	414	40	0	0
CONTIG-057563	120	5	3	21	0
CONTIG-057564	224	8	11	33	0
CONTIG-057565	75	8	10	3	0
CONTIG-057567	99	5	6	21	0
CONTIG-057568	290	16	86	179	0
CONTIG-057569	125	4	4	12	0
CONTIG-057571	147	11	10	57	0
CONTIG-057572	104	5	15	4	0
CONTIG-057577	89	6	6	12	0
CONTIG-057578	106	4	7	5	0
CONTIG-057579	68	4	6	8	0
CONTIG-057580	72	3	3	0	0
CONTIG-057581	169	7	13	49	0
CONTIG-057582	119	6	8	8	0
CONTIG-057583	76	8	0	7	0
CONTIG-057585	560	46	73	1255	6
CONTIG-057586	444	58	15	123	0
CONTIG-057587	115	4	0	14	0
CONTIG-057588	300	5	22	30	2
CONTIG-057589	134	6	5	12	0
CONTIG-057591	110	4	0	14	0
CONTIG-057592	189	8	6	44	0
CONTIG-057593	62	7	2	9	0
CONTIG-057595	77	5	7	7	0
CONTIG-057596	415	29	39	513	0
CONTIG-057597	293	52	4	0	179
CONTIG-057598	88	9	19	10	0
CONTIG-057599	60	5	7	2	0
CONTIG-057607	58	6	3	9	0
CONTIG-057612	87	6	4	13	0

CONTIG-057613	268	9	0	41	2
CONTIG-057614	80	3	0	7	0
CONTIG-057615	109	4	2	20	0
CONTIG-057616	118	7	4	23	0
CONTIG-057617	111	7	0	23	0
CONTIG-057618	106	7	2	20	0
CONTIG-057619	166	8	2	12	0
CONTIG-057620	114	8	7	9	0
CONTIG-057622	76	5	6	10	0
CONTIG-057623	278	9	26	70	0
CONTIG-057624	61	4	0	8	0
CONTIG-057625	162	4	8	20	0
CONTIG-057628	126	7	2	26	0
CONTIG-057629	148	10	9	36	0
CONTIG-057630	63	4	7	6	0
CONTIG-057631	70	3	0	5	0
CONTIG-057633	136	10	4	18	0
CONTIG-057634	119	4	4	15	0
CONTIG-057635	92	8	2	2	0
CONTIG-057636	316	8	46	45	0
CONTIG-057637	259	21	14	190	4
CONTIG-057638	208	16	31	133	3
CONTIG-057639	118	9	3	27	0
CONTIG-057640	97	4	2	7	0
CONTIG-057641	82	9	38	21	0
CONTIG-057642	59	5	0	11	0
CONTIG-057643	261	8	21	65	0
CONTIG-057644	226	8	27	59	0
CONTIG-057645	127	7	8	6	0
CONTIG-057646	127	8	2	32	0
CONTIG-057647	93	13	59	2	0
CONTIG-057648	162	8	12	7	0
CONTIG-057649	76	5	4	5	0
CONTIG-057650	194	8	32	43	0
CONTIG-057652	650	11	24	327	0
CONTIG-057653	1091	15	4	0	317
CONTIG-057654	281	11	16	110	0
CONTIG-057655	195	9	39	18	0
CONTIG-057656	298	14	20	95	4
CONTIG-057657	118	8	3	23	0
CONTIG-057662	233	5	8	31	0
CONTIG-057663	94	8	2	24	0
CONTIG-057664	254	6	21	41	2
CONTIG-057666	73	17	4	39	0
CONTIG-057668	78	8	4	28	2
CONTIG-057669	99	8	5	30	0
CONTIG-057672	347	11	21	125	2

CONTIG-057673	219	7	4	29	0
CONTIG-057674	79	9	9	11	2
CONTIG-057675	117	8	0	24	0
CONTIG-057677	213	6	5	44	0
CONTIG-057679	73	9	19	0	0
CONTIG-057680	348	22	10	20	0
CONTIG-057681	351	9	40	108	0
CONTIG-057682	100	5	6	11	0
CONTIG-057684	61	7	2	9	0
CONTIG-057685	171	16	31	35	0
CONTIG-057686	67	10	13	0	0
CONTIG-057687	111	2	2	4	0
CONTIG-057688	70	3	9	0	0
CONTIG-057692	122	6	9	21	0
CONTIG-057694	154	5	4	15	0
CONTIG-057695	202	5	8	26	0
CONTIG-057697	59	3	2	8	0
CONTIG-057698	70	4	4	3	2
CONTIG-057699	67	9	18	0	0
CONTIG-057700	97	7	8	11	0
CONTIG-057702	92	9	2	34	0
CONTIG-057703	106	4	7	11	0
CONTIG-057706	125	7	3	21	0
CONTIG-057707	110	6	9	14	0
CONTIG-057708	71	10	9	17	0
CONTIG-057709	314	9	13	59	0
CONTIG-057710	113	10	13	33	6
CONTIG-057711	149	39	66	169	0
CONTIG-057712	67	8	4	17	0
CONTIG-057713	77	4	4	2	0
CONTIG-057714	236	6	12	7	0
CONTIG-057715	104	14	2	45	0
CONTIG-057716	87	11	10	26	0
CONTIG-057721	224	5	4	19	0
CONTIG-057722	256	12	9	87	0
CONTIG-057723	232	11	6	116	0
CONTIG-057725	207	4	8	2	0
CONTIG-057726	106	12	19	42	0
CONTIG-057727	119	9	17	47	2
CONTIG-057728	141	4	6	10	0
CONTIG-057731	152	6	5	35	0
CONTIG-057732	220	9	23	25	0
CONTIG-057733	177	9	18	39	0
CONTIG-057734	69	4	6	2	0
CONTIG-057735	61	11	5	13	0
CONTIG-057736	215	8	14	54	0
CONTIG-057737	68	5	4	16	0

CONTIG-057738	237	10	27	57	0
CONTIG-057739	94	11	9	35	0
CONTIG-057740	155	11	11	11	0
CONTIG-057742	245	13	58	117	0
CONTIG-057743	281	5	9	47	2
CONTIG-057744	144	5	3	23	0
CONTIG-057745	97	3	5	2	0
CONTIG-057746	58	9	40	0	0
CONTIG-057747	94	6	0	3	0
CONTIG-057748	70	8	4	13	0
CONTIG-057749	118	10	12	30	0
CONTIG-057750	115	7	5	7	0
CONTIG-057751	100	5	19	6	0
CONTIG-057752	88	5	6	2	0
CONTIG-057753	210	5	0	33	0
CONTIG-057754	76	10	0	37	0
CONTIG-057758	437	13	29	238	0
CONTIG-057759	58	3	2	4	0
CONTIG-057760	94	5	6	8	0
CONTIG-057761	90	7	16	21	0
CONTIG-057762	56	13	2	2	0
CONTIG-057763	422	13	14	118	7
CONTIG-057765	104	10	10	15	0
CONTIG-057766	217	7	31	24	0
CONTIG-057768	191	11	10	58	0
CONTIG-057769	189	8	10	35	0
CONTIG-057770	136	14	0	96	0
CONTIG-057771	81	3	8	4	0
CONTIG-057772	117	3	0	14	0
CONTIG-057773	119	3	2	11	0
CONTIG-057774	76	12	8	42	0
CONTIG-057775	72	90	13	224	0
CONTIG-057776	73	148	6	508	0
CONTIG-057777	97	3	7	0	0
CONTIG-057778	81	9	6	13	0
CONTIG-057779	142	11	16	27	4
CONTIG-057780	80	6	8	15	0
CONTIG-057781	91	8	5	32	0
CONTIG-057782	277	12	11	145	0
CONTIG-057783	183	13	16	77	0
CONTIG-057784	127	11	26	0	11
CONTIG-057785	279	30	41	428	0
CONTIG-057786	104	13	5	34	0
CONTIG-057787	73	5	2	0	0
CONTIG-057788	83	3	2	5	2
CONTIG-057789	60	7	15	6	0
CONTIG-057790	145	8	6	26	0

CONTIG-057791	109	6	0	15	0
CONTIG-057792	124	7	16	18	0
CONTIG-057793	92	10	13	38	0
CONTIG-057794	435	11	22	149	3
CONTIG-057795	182	8	2	2	0
CONTIG-057796	93	10	20	40	0
CONTIG-057797	69	7	12	12	0
CONTIG-057798	85	7	23	12	0
CONTIG-057799	231	11	3	118	0
CONTIG-057800	93	4	0	0	0
CONTIG-057801	83	8	0	32	0
CONTIG-057802	60	2	0	0	0
CONTIG-057803	90	9	6	29	0
CONTIG-057804	341	10	11	120	2
CONTIG-057805	103	3	0	14	0
CONTIG-057806	75	11	5	12	0
CONTIG-057807	58	5	7	7	0
CONTIG-057808	77	8	27	22	0
CONTIG-057809	196	7	7	29	0
CONTIG-057810	282	12	10	97	5
CONTIG-057811	629	10	4	0	19
CONTIG-057812	70	6	3	9	0
CONTIG-057813	330	14	22	191	2
CONTIG-057814	196	9	28	59	0
CONTIG-057815	65	3	2	3	0
CONTIG-057818	810	16	12	0	55
CONTIG-057819	44	22	21	15	0
CONTIG-057820	217	14	5	142	2
CONTIG-057822	56	109	38	30	0
CONTIG-057823	62	3	0	2	0
CONTIG-057824	158	6	13	15	0
CONTIG-057825	88	6	6	16	0
CONTIG-057826	284	6	4	44	0
CONTIG-057827	290	18	29	155	2
CONTIG-057828	211	5	2	24	0
CONTIG-057829	86	20	15	67	0
CONTIG-057830	62	2	2	0	0
CONTIG-057831	148	11	34	62	0
CONTIG-057832	69	7	9	7	2
CONTIG-057833	314	13	0	0	4
CONTIG-057834	64	7	11	3	0
CONTIG-057835	208	7	5	0	2
CONTIG-057836	89	10	17	21	0
CONTIG-057837	111	6	6	4	0
CONTIG-057838	210	12	7	102	0
CONTIG-057839	100	8	4	24	0
CONTIG-057840	81	2	3	2	0

CONTIG-057842	144	5	5	23	0
CONTIG-057845	112	4	13	2	0
CONTIG-057846	79	5	2	8	0
CONTIG-057847	152	6	0	15	0
CONTIG-057848	474	15	11	216	5
CONTIG-057849	66	5	7	2	0
CONTIG-057850	113	4	0	14	0
CONTIG-057851	539	10	9	178	0
CONTIG-057852	61	2	2	0	0
CONTIG-057853	62	11	6	0	0
CONTIG-057854	167	3	5	4	0
CONTIG-057858	166	8	20	63	0
CONTIG-057859	65	4	5	4	0
CONTIG-057860	458	31	0	0	309
CONTIG-057861	73	6	2	12	0
CONTIG-057862	201	178	5	0	0
CONTIG-057863	165	6	7	33	0
CONTIG-057864	634	10	33	182	2
CONTIG-057865	101	6	15	11	0
CONTIG-057866	60	17	0	21	0
CONTIG-057867	148	34	3	0	0
CONTIG-057868	120	8	16	45	0
CONTIG-057869	68	7	26	0	0
CONTIG-057870	107	6	2	17	0
CONTIG-057871	159	14	19	26	0
CONTIG-057872	89	4	4	11	2
CONTIG-057880	52	18	0	33	0
CONTIG-057881	359	10	20	108	0
CONTIG-057882	63	73	14	191	5
CONTIG-057883	295	10	41	69	0
CONTIG-057886	71	6	3	0	0
CONTIG-057887	249	12	21	88	2
CONTIG-057888	255	6	9	70	0
CONTIG-057889	87	9	2	6	0
CONTIG-057890	141	7	4	47	0
CONTIG-057891	145	3	3	18	0
CONTIG-057892	160	12	3	91	0
CONTIG-057893	288	12	0	0	7
CONTIG-057894	223	14	6	48	0
CONTIG-057896	60	15	22	14	0
CONTIG-057897	73	9	59	2	0
CONTIG-057898	86	5	5	11	0
CONTIG-057899	200	18	8	0	0
CONTIG-057900	101	3	2	5	0
CONTIG-057901	110	9	3	16	0
CONTIG-057902	93	6	0	25	2
CONTIG-057903	117	15	3	75	0

CONTIG-057904	94	9	3	34	0
CONTIG-057905	152	5	5	11	0
CONTIG-057907	188	13	4	54	0
CONTIG-057908	62	4	0	7	0
CONTIG-057909	296	5	3	24	0
CONTIG-057910	62	4	2	0	0
CONTIG-057911	146	10	26	46	0
CONTIG-057912	232	8	17	25	0
CONTIG-057913	192	7	6	54	0
CONTIG-057914	150	9	46	41	0
CONTIG-057915	73	5	4	6	0
CONTIG-057921	851	56	0	2	283
CONTIG-057924	184	21	11	136	4
CONTIG-057925	775	16	0	28	126
CONTIG-057926	347	7	11	36	0
CONTIG-057927	189	20	15	111	2
CONTIG-057929	75	6	4	12	0
CONTIG-057932	78	14	18	32	0
CONTIG-057933	65	5	9	0	0
CONTIG-057934	77	5	0	14	0
CONTIG-057935	75	4	2	2	0
CONTIG-057936	315	18	23	197	7
CONTIG-057937	163	6	19	10	0
CONTIG-057938	114	13	0	2	14
CONTIG-057939	239	10	21	47	0
CONTIG-057940	67	3	0	2	0
CONTIG-057944	92	9	8	18	0
CONTIG-057945	78	8	17	3	0
CONTIG-057946	217	11	36	74	0
CONTIG-057947	104	9	6	20	0
CONTIG-057948	132	5	11	14	0
CONTIG-057949	410	19	16	334	2
CONTIG-057950	83	7	7	10	0
CONTIG-057951	133	5	2	18	0
CONTIG-057952	191	7	12	40	2
CONTIG-057953	76	25	9	53	0
CONTIG-057955	156	5	6	13	0
CONTIG-057956	181	8	5	29	2
CONTIG-057957	125	9	11	2	0
CONTIG-057958	418	88	2	0	177
CONTIG-057959	72	20	23	25	0
CONTIG-057960	61	8	6	8	0
CONTIG-057962	145	8	11	16	0
CONTIG-057963	231	155	3	0	220
CONTIG-057964	363	32	0	369	9
CONTIG-057965	158	12	11	29	0
CONTIG-057966	150	5	13	20	0

CONTIG-057967	89	7	12	2	0
CONTIG-057968	998	17	18	749	0
CONTIG-057969	64	9	13	0	0
CONTIG-057970	203	10	3	49	2
CONTIG-057971	119	13	7	46	0
CONTIG-057973	731	144	0	0	370
CONTIG-057974	120	8	18	0	0
CONTIG-057978	297	7	15	42	0
CONTIG-057979	280	8	34	66	0
CONTIG-057980	89	8	10	11	0
CONTIG-057981	88	5	6	16	0
CONTIG-057982	150	19	4	124	0
CONTIG-057985	72	6	2	18	0
CONTIG-057986	341	11	25	87	0
CONTIG-057987	200	8	2	81	0
CONTIG-057988	130	4	2	8	0
CONTIG-057989	291	11	7	169	2
CONTIG-057990	205	8	8	6	6
CONTIG-057991	292	8	6	11	2
CONTIG-057992	189	14	43	99	0
CONTIG-057993	160	6	10	25	0
CONTIG-057994	67	4	2	3	0
CONTIG-057995	91	5	9	10	0
CONTIG-057996	272	10	2	77	0
CONTIG-057997	77	9	13	19	0
CONTIG-057999	74	10	18	17	0
CONTIG-058001	250	27	8	295	4
CONTIG-058002	116	3	4	10	0
CONTIG-058003	123	4	5	6	0
CONTIG-058004	404	13	17	213	0
CONTIG-058005	136	5	2	7	0
CONTIG-058006	116	5	0	19	0
CONTIG-058007	59	4	10	0	0
CONTIG-058008	68	3	0	5	0
CONTIG-058009	211	7	3	60	2
CONTIG-058010	88	5	0	17	2
CONTIG-058012	932	17	56	583	6
CONTIG-058013	65	5	0	10	0
CONTIG-058014	72	20	5	75	0
CONTIG-058015	82	7	3	11	0
CONTIG-058016	251	12	3	4	0
CONTIG-058017	225	12	12	101	0
CONTIG-058018	52	15	0	10	0
CONTIG-058019	355	9	6	47	9
CONTIG-058021	172	7	0	0	4
CONTIG-058022	63	6	2	8	0
CONTIG-058023	393	10	24	89	0

CONTIG-058024	287	7	3	48	2
CONTIG-058025	133	5	3	14	0
CONTIG-058026	75	7	5	9	0
CONTIG-058027	252	19	2	81	0
CONTIG-058028	214	13	25	68	0
CONTIG-058029	289	8	14	78	0
CONTIG-058032	62	6	9	10	0
CONTIG-058033	149	12	17	74	0
CONTIG-058034	682	10	35	228	8
CONTIG-058037	341	13	0	179	0
CONTIG-058038	122	29	30	73	0
CONTIG-058039	61	12	15	18	0
CONTIG-058040	100	6	4	17	0
CONTIG-058041	102	3	5	0	0
CONTIG-058042	142	9	29	7	0
CONTIG-058043	224	34	7	222	0
CONTIG-058044	69	9	0	9	0
CONTIG-058045	175	12	8	9	0
CONTIG-058046	161	7	7	48	0
CONTIG-058047	179	9	10	45	0
CONTIG-058048	148	19	23	89	0
CONTIG-058049	345	13	32	94	0
CONTIG-058050	70	6	4	18	0
CONTIG-058051	68	4	0	4	0
CONTIG-058052	82	4	3	6	0
CONTIG-058054	214	7	6	35	2
CONTIG-058055	59	8	36	3	0
CONTIG-058056	127	9	5	42	0
CONTIG-058057	71	4	2	2	0
CONTIG-058058	59	10	8	9	0
CONTIG-058059	263	8	0	4	44
CONTIG-058060	125	7	0	8	0
CONTIG-058061	77	7	11	0	0
CONTIG-058062	594	11	4	215	2
CONTIG-058063	106	5	4	17	0
CONTIG-058064	164	7	4	35	0
CONTIG-058065	112	4	4	10	0
CONTIG-058066	129	6	9	13	2
CONTIG-058067	86	13	27	0	0
CONTIG-058068	80	16	84	2	3
CONTIG-058069	62	5	0	7	0
CONTIG-058070	178	7	18	5	0
CONTIG-058071	608	41	11	0	173
CONTIG-058072	385	9	0	0	6
CONTIG-058073	111	4	10	10	0
CONTIG-058074	298	154	0	0	737
CONTIG-058075	326	7	12	53	0

CONTIG-058076	139	8	16	2	0
CONTIG-058077	120	4	0	0	0
CONTIG-058078	70	7	7	19	0
CONTIG-058079	87	6	10	0	0
CONTIG-058080	115	39	18	157	0
CONTIG-058081	120	10	10	38	2
CONTIG-058082	272	11	6	109	0
CONTIG-058084	78	3	2	7	0
CONTIG-058085	193	6	14	20	0
CONTIG-058087	142	5	2	16	0
CONTIG-058088	64	43	8	43	0
CONTIG-058089	428	15	13	26	0
CONTIG-058090	94	8	0	24	0
CONTIG-058092	284	7	11	57	0
CONTIG-058095	365	7	22	81	0
CONTIG-058096	328	8	11	119	0
CONTIG-058098	125	8	2	22	0
CONTIG-058099	273	11	7	43	2
CONTIG-058100	102	4	7	10	0
CONTIG-058101	65	16	20	12	0
CONTIG-058102	59	5	0	2	0
CONTIG-058103	183	5	15	21	0
CONTIG-058104	115	6	9	21	0
CONTIG-058110	193	27	9	171	0
CONTIG-058111	68	4	2	6	0
CONTIG-058112	99	5	3	15	0
CONTIG-058113	95	4	5	7	0
CONTIG-058117	444	10	27	142	2
CONTIG-058118	98	3	0	9	0
CONTIG-058119	61	7	0	6	0
CONTIG-058120	130	11	20	46	0
CONTIG-058121	98	26	6	91	7
CONTIG-058122	124	12	4	19	0
CONTIG-058123	203	6	5	36	0
CONTIG-058124	78	3	4	2	0
CONTIG-058125	134	8	19	21	0
CONTIG-058126	149	4	7	9	0
CONTIG-058128	235	9	10	53	0
CONTIG-058129	115	7	0	30	0
CONTIG-058130	92	11	16	29	0
CONTIG-058131	153	9	0	45	0
CONTIG-058132	98	2	0	7	0
CONTIG-058133	104	3	0	2	0
CONTIG-058134	197	9	0	73	0
CONTIG-058138	78	41	11	89	0
CONTIG-058139	127	4	8	0	0
CONTIG-058140	141	9	3	12	0

CONTIG-058141	100	5	4	11	0
CONTIG-058142	105	5	26	7	0
CONTIG-058143	106	6	14	4	0
CONTIG-058144	158	8	6	27	0
CONTIG-058145	558	7	30	91	0
CONTIG-058146	120	9	3	41	0
CONTIG-058147	161	5	4	23	0
CONTIG-058148	112	7	21	0	0
CONTIG-058149	90	3	8	0	0
CONTIG-058150	178	12	30	94	0
CONTIG-058152	232	7	5	55	0
CONTIG-058153	146	10	0	37	0
CONTIG-058154	82	9	6	3	0
CONTIG-058155	75	8	12	19	0
CONTIG-058158	115	6	8	16	0
CONTIG-058159	117	16	19	92	0
CONTIG-058160	227	6	12	33	2
CONTIG-058161	169	7	10	38	0
CONTIG-058162	88	8	22	2	0
CONTIG-058163	142	5	4	16	0
CONTIG-058166	349	7	31	34	0
CONTIG-058167	127	82	35	283	0
CONTIG-058168	420	7	16	33	0
CONTIG-058171	66	10	4	23	2
CONTIG-058172	124	8	9	27	0
CONTIG-058176	117	5	2	14	0
CONTIG-058177	396	11	30	54	0
CONTIG-058178	168	7	22	15	0
CONTIG-058179	255	6	22	46	0
CONTIG-058180	72	16	47	2	0
CONTIG-058181	152	4	0	0	0
CONTIG-058182	67	6	10	8	0
CONTIG-058185	93	19	15	24	0
CONTIG-058186	109	6	0	21	0
CONTIG-058187	65	11	0	26	2
CONTIG-058188	208	4	3	27	0
CONTIG-058189	126	7	10	26	0
CONTIG-058195	297	16	17	163	7
CONTIG-058196	93	4	11	11	0
CONTIG-058197	433	8	5	82	2
CONTIG-058198	85	13	0	36	0
CONTIG-058199	362	9	6	46	0
CONTIG-058200	96	8	2	30	2
CONTIG-058201	76	5	0	7	0
CONTIG-058202	196	18	45	59	0
CONTIG-058203	67	9	2	0	0
CONTIG-058204	284	8	9	62	0

CONTIG-058205	73	3	0	4	0
CONTIG-058213	285	8	14	43	2
CONTIG-058214	62	4	2	7	0
CONTIG-058215	66	3	3	2	0
CONTIG-058216	206	4	6	22	0
CONTIG-058217	67	4	3	4	0
CONTIG-058218	186	9	18	37	0
CONTIG-058219	154	17	14	51	2
CONTIG-058220	133	10	23	27	0
CONTIG-058221	104	169	4	212	8
CONTIG-058222	154	7	5	32	3
CONTIG-058224	88	9	11	19	0
CONTIG-058225	276	8	21	70	3
CONTIG-058226	161	22	10	115	0
CONTIG-058227	127	5	7	11	0
CONTIG-058228	172	8	17	52	2
CONTIG-058229	151	5	4	14	0
CONTIG-058230	138	9	28	42	0
CONTIG-058233	687	10	7	220	0
CONTIG-058236	197	11	2	66	7
CONTIG-058237	71	15	5	0	0
CONTIG-058238	183	5	0	0	3
CONTIG-058239	137	209	4	333	10
CONTIG-058240	107	3	2	3	0
CONTIG-058241	92	7	5	25	0
CONTIG-058242	129	8	2	19	3
CONTIG-058243	174	13	19	75	0
CONTIG-058244	191	10	13	58	0
CONTIG-058245	153	6	0	20	0
CONTIG-058246	87	3	0	2	0
CONTIG-058247	101	3	0	4	0
CONTIG-058248	89	10	6	46	0
CONTIG-058253	211	6	0	29	0
CONTIG-058254	325	16	46	218	2
CONTIG-058255	329	14	23	69	3
CONTIG-058256	89	5	2	18	0
CONTIG-058257	240	5	4	37	2
CONTIG-058258	119	12	2	52	0
CONTIG-058259	177	6	2	21	0
CONTIG-058260	115	7	7	20	0
CONTIG-058261	283	6	0	49	2
CONTIG-058263	52	12	0	18	0
CONTIG-058264	189	8	0	49	0
CONTIG-058265	174	5	2	33	0
CONTIG-058266	208	9	5	78	0
CONTIG-058267	230	10	27	9	0
CONTIG-058268	121	11	2	22	0

CONTIG-058269	186	13	9	100	0
CONTIG-058270	122	10	7	0	0
CONTIG-058271	115	11	5	30	0
CONTIG-058272	89	6	7	15	0
CONTIG-058273	75	7	7	13	0
CONTIG-058274	119	6	5	25	0
CONTIG-058275	176	4	47	0	0
CONTIG-058276	90	6	2	0	0
CONTIG-058278	301	10	8	80	0
CONTIG-058281	177	7	4	42	0
CONTIG-058282	105	8	9	13	0
CONTIG-058283	58	3	2	2	0
CONTIG-058284	68	6	4	10	0
CONTIG-058285	80	13	15	16	0
CONTIG-058286	198	4	3	11	0
CONTIG-058287	185	7	30	47	0
CONTIG-058288	117	5	5	12	0
CONTIG-058289	104	8	2	24	0
CONTIG-058290	60	9	53	0	0
CONTIG-058291	134	9	3	22	2
CONTIG-058292	182	6	2	47	0
CONTIG-058293	96	6	0	0	0
CONTIG-058294	173	4	0	4	0
CONTIG-058295	87	4	0	5	2
CONTIG-058296	93	11	16	29	0
CONTIG-058297	325	48	7	3	0
CONTIG-058298	436	26	53	457	2
CONTIG-058299	163	9	4	69	0
CONTIG-058300	74	11	26	9	0
CONTIG-058301	38	463	19	549	0
CONTIG-058302	88	15	9	23	0
CONTIG-058303	90	7	22	10	0
CONTIG-058304	182	26	55	98	0
CONTIG-058305	91	7	3	11	0
CONTIG-058306	193	9	0	42	0
CONTIG-058307	296	12	17	130	0
CONTIG-058308	73	9	22	10	0
CONTIG-058309	93	5	4	14	0
CONTIG-058310	338	9	14	58	5
CONTIG-058311	220	6	5	15	0
CONTIG-058312	202	12	9	63	0
CONTIG-058313	82	5	4	4	0
CONTIG-058314	220	16	3	128	0
CONTIG-058315	99	11	19	25	0
CONTIG-058316	103	7	7	13	0
CONTIG-058317	153	19	34	43	2
CONTIG-058318	85	8	7	17	0

CONTIG-058319	118	5	10	11	0
CONTIG-058320	138	9	8	28	0
CONTIG-058321	73	6	3	8	0
CONTIG-058322	391	10	18	100	0
CONTIG-058323	523	15	27	188	2
CONTIG-058324	66	4	2	7	0
CONTIG-058325	59	13	31	16	0
CONTIG-058326	371	8	15	130	2
CONTIG-058327	131	7	6	21	0
CONTIG-058329	62	3	0	4	0
CONTIG-058330	89	10	8	33	0
CONTIG-058331	82	34	0	61	0
CONTIG-058333	124	10	10	35	0
CONTIG-058339	59	4	0	11	0
CONTIG-058340	343	25	11	347	2
CONTIG-058341	78	4	6	3	0
CONTIG-058342	76	6	6	9	0
CONTIG-058343	323	13	41	112	2
CONTIG-058344	81	6	2	12	0
CONTIG-058345	312	5	2	46	0
CONTIG-058346	60	6	2	4	0
CONTIG-058348	90	6	14	9	0
CONTIG-058349	142	8	7	44	0
CONTIG-058350	91	6	2	15	0
CONTIG-058351	256	9	36	75	0
CONTIG-058352	129	8	6	21	0
CONTIG-058353	136	9	3	31	0
CONTIG-058354	171	11	3	72	0
CONTIG-058355	75	5	5	4	2
CONTIG-058356	61	6	4	12	0
CONTIG-058360	149	13	6	59	0
CONTIG-058361	106	9	2	44	2
CONTIG-058363	91	7	10	9	0
CONTIG-058364	200	7	9	11	0
CONTIG-058365	134	21	5	123	0
CONTIG-058366	59	70	12	143	2
CONTIG-058367	253	149	7	1117	40
CONTIG-058368	255	7	5	47	0
CONTIG-058369	86	8	11	6	0
CONTIG-058370	103	6	2	11	0
CONTIG-058371	66	5	2	2	0
CONTIG-058372	126	3	0	6	0
CONTIG-058373	66	23	0	54	0
CONTIG-058374	82	6	2	7	0
CONTIG-058375	91	9	15	10	0
CONTIG-058376	82	10	8	2	0
CONTIG-058377	1271	43	7	2	788

CONTIG-058378	125	9	6	42	0
CONTIG-058380	62	95	7	0	28
CONTIG-058383	126	25	27	79	0
CONTIG-058384	88	5	2	6	0
CONTIG-058385	108	11	10	18	0
CONTIG-058386	322	15	50	102	2
CONTIG-058387	74	3	0	7	0
CONTIG-058388	176	9	9	51	0
CONTIG-058389	365	18	22	226	0
CONTIG-058390	63	6	16	0	0
CONTIG-058391	70	7	2	19	0
CONTIG-058392	210	10	14	52	0
CONTIG-058393	253	10	38	67	2
CONTIG-058394	137	11	12	46	0
CONTIG-058395	295	18	5	178	0
CONTIG-058396	72	10	10	32	0
CONTIG-058397	380	21	10	324	4
CONTIG-058398	157	5	2	15	0
CONTIG-058399	85	7	4	23	0
CONTIG-058400	132	18	6	77	0
CONTIG-058401	61	9	42	7	0
CONTIG-058402	92	8	4	10	4
CONTIG-058404	73	3	6	0	0
CONTIG-058409	350	9	11	73	0
CONTIG-058410	90	7	3	2	0
CONTIG-058412	161	13	9	70	0
CONTIG-058415	90	6	3	6	0
CONTIG-058420	193	11	5	0	9
CONTIG-058421	361	10	25	67	0
CONTIG-058422	91	4	0	13	0
CONTIG-058423	131	13	9	89	0
CONTIG-058424	74	7	6	2	0
CONTIG-058425	145	6	5	15	5
CONTIG-058426	153	11	15	10	0
CONTIG-058427	79	5	2	6	0
CONTIG-058428	208	14	25	64	0
CONTIG-058429	295	20	29	144	3
CONTIG-058430	64	8	4	11	0
CONTIG-058431	60	2	2	0	0
CONTIG-058432	549	15	7	372	2
CONTIG-058433	151	7	9	29	0
CONTIG-058434	64	8	6	12	0
CONTIG-058435	124	9	19	26	0
CONTIG-058437	67	3	4	2	0
CONTIG-058438	247	7	23	40	0
CONTIG-058439	62	3	8	2	0
CONTIG-058440	256	14	12	147	0

CONTIG-058441	143	8	5	25	0
CONTIG-058442	129	6	6	17	0
CONTIG-058443	103	5	0	8	0
CONTIG-058444	66	9	15	0	0
CONTIG-058445	106	5	7	7	0
CONTIG-058446	348	6	4	30	0
CONTIG-058448	70	4	8	0	0
CONTIG-058449	59	9	4	13	2
CONTIG-058450	170	16	38	125	0
CONTIG-058451	123	8	18	23	0
CONTIG-058452	72	15	12	34	0
CONTIG-058453	298	66	2	0	167
CONTIG-058454	616	14	21	291	0
CONTIG-058455	102	8	9	21	0
CONTIG-058456	66	36	16	46	0
CONTIG-058457	93	9	18	22	0
CONTIG-058458	85	617	62	1122	395
CONTIG-058459	237	8	5	72	0
CONTIG-058460	88	4	2	11	0
CONTIG-058461	94	4	10	0	0
CONTIG-058462	105	7	9	8	0
CONTIG-058464	64	10	0	16	0
CONTIG-058465	119	23	42	53	0
CONTIG-058466	376	10	44	139	0
CONTIG-058467	165	6	2	33	0
CONTIG-058468	246	10	19	49	0
CONTIG-058469	70	2	4	0	0
CONTIG-058470	128	23	6	0	0
CONTIG-058471	208	9	9	38	2
CONTIG-058472	277	11	19	48	0
CONTIG-058473	57	13	9	5	0
CONTIG-058474	141	15	2	76	2
CONTIG-058475	187	29	11	4	0
CONTIG-058476	58	7	5	14	0
CONTIG-058477	156	8	0	63	0
CONTIG-058478	65	87	29	144	0
CONTIG-058480	66	6	3	6	0
CONTIG-058481	227	4	2	29	0
CONTIG-058482	69	18	22	6	0
CONTIG-058483	209	6	8	39	0
CONTIG-058485	61	5	3	2	0
CONTIG-058486	79	14	3	27	0
CONTIG-058487	572	7	12	109	0
CONTIG-058488	177	7	2	40	0
CONTIG-058490	184	142	0	0	385
CONTIG-058491	61	7	27	0	0
CONTIG-058492	108	10	24	10	0

CONTIG-058493	76	5	0	11	0
CONTIG-058494	64	5	2	14	0
CONTIG-058495	141	6	0	0	4
CONTIG-058496	86	11	4	40	0
CONTIG-058497	85	5	0	8	0
CONTIG-058498	159	7	9	33	0
CONTIG-058499	942	12	44	345	2
CONTIG-058500	111	5	7	16	0
CONTIG-058501	271	6	10	29	0
CONTIG-058502	101	15	81	33	0
CONTIG-058503	115	5	2	9	0
CONTIG-058504	211	36	12	107	0
CONTIG-058505	123	19	6	72	0
CONTIG-058507	90	3	2	5	0
CONTIG-058508	82	5	3	4	0
CONTIG-058509	303	10	9	111	0
CONTIG-058511	115	6	2	5	0
CONTIG-058512	98	6	5	15	0
CONTIG-058513	216	15	18	138	4
CONTIG-058514	203	32	22	394	0
CONTIG-058515	62	10	17	6	0
CONTIG-058516	124	137	25	0	0
CONTIG-058517	309	5	16	29	0
CONTIG-058520	206	12	7	125	0
CONTIG-058521	203	9	2	4	47
CONTIG-058522	99	8	6	8	2
CONTIG-058523	64	6	11	2	0
CONTIG-058524	132	6	2	26	0
CONTIG-058525	155	10	9	49	2
CONTIG-058526	106	23	4	92	0
CONTIG-058527	76	11	0	25	0
CONTIG-058528	92	9	19	13	0
CONTIG-058531	320	17	24	186	0
CONTIG-058533	302	10	6	53	2
CONTIG-058534	312	8	4	0	0
CONTIG-058535	327	7	11	47	4
CONTIG-058536	279	10	19	87	0
CONTIG-058537	97	4	9	4	0
CONTIG-058538	71	6	3	17	0
CONTIG-058539	59	4	7	2	0
CONTIG-058540	126	4	3	7	0
CONTIG-058541	95	3	4	4	0
CONTIG-058542	130	15	3	0	0
CONTIG-058543	86	3	0	8	0
CONTIG-058544	191	6	11	42	0
CONTIG-058545	141	7	2	29	0
CONTIG-058546	133	4	18	9	0

CONTIG-058547	329	7	5	35	0
CONTIG-058548	63	5	2	9	0
CONTIG-058549	108	6	17	15	0
CONTIG-058550	139	8	10	34	0
CONTIG-058551	264	7	8	59	0
CONTIG-058552	67	8	8	16	0
CONTIG-058553	123	4	0	17	0
CONTIG-058554	99	4	0	14	0
CONTIG-058556	99	4	2	6	0
CONTIG-058557	157	14	0	6	0
CONTIG-058558	136	4	7	13	0
CONTIG-058559	78	4	3	8	0
CONTIG-058560	520	43	7	31	0
CONTIG-058561	72	7	7	20	0
CONTIG-058562	129	51	21	114	0
CONTIG-058563	154	4	12	11	0
CONTIG-058564	90	7	12	17	0
CONTIG-058565	69	3	2	2	0
CONTIG-058566	83	5	4	2	0
CONTIG-058567	142	11	0	3	0
CONTIG-058568	64	9	0	4	0
CONTIG-058569	160	10	10	49	2
CONTIG-058570	190	8	2	46	0
CONTIG-058571	165	9	6	66	0
CONTIG-058572	274	6	12	32	0
CONTIG-058573	100	10	0	42	0
CONTIG-058574	66	6	0	8	0
CONTIG-058575	389	21	24	331	0
CONTIG-058576	497	9	16	114	0
CONTIG-058577	73	5	2	5	3
CONTIG-058578	113	5	6	13	0
CONTIG-058579	74	15	14	51	0
CONTIG-058581	405	10	7	158	0
CONTIG-058582	89	5	4	15	0
CONTIG-058583	78	13	21	0	0
CONTIG-058584	176	7	6	25	0
CONTIG-058585	65	5	4	11	0
CONTIG-058586	170	34	30	143	0
CONTIG-058593	440	7	11	81	4
CONTIG-058594	128	5	3	25	0
CONTIG-058595	59	11	11	21	0
CONTIG-058596	369	290	4	5	2
CONTIG-058597	255	19	5	164	0
CONTIG-058598	93	6	5	20	0
CONTIG-058599	76	14	36	38	0
CONTIG-058600	264	12	37	111	0
CONTIG-058601	516	8	6	27	0

CONTIG-058602	65	4	0	8	0
CONTIG-058603	86	4	8	7	0
CONTIG-058604	231	5	5	22	0
CONTIG-058605	107	5	9	20	0
CONTIG-058606	354	10	8	72	0
CONTIG-058607	88	4	3	16	0
CONTIG-058608	73	14	12	14	0
CONTIG-058609	369	8	13	95	0
CONTIG-058611	336	6	6	43	0
CONTIG-058612	234	4	10	23	0
CONTIG-058613	112	8	0	29	0
CONTIG-058614	60	9	0	10	0
CONTIG-058615	117	175	8	305	0
CONTIG-058616	173	35	23	138	4
CONTIG-058617	180	8	17	26	0
CONTIG-058618	64	12	7	6	2
CONTIG-058619	1106	12	2	0	82
CONTIG-058620	104	7	16	3	0
CONTIG-058621	156	12	17	49	0
CONTIG-058622	61	411	97	556	4
CONTIG-058623	81	6	2	10	0
CONTIG-058624	159	5	3	16	0
CONTIG-058625	73	3	0	0	0
CONTIG-058626	100	4	2	14	0
CONTIG-058627	91	14	13	39	0
CONTIG-058628	68	5	16	9	0
CONTIG-058629	131	9	8	24	0
CONTIG-058630	117	16	36	73	0
CONTIG-058631	182	4	0	11	0
CONTIG-058632	230	8	20	41	0
CONTIG-058633	196	5	8	20	0
CONTIG-058634	62	7	8	15	2
CONTIG-058635	105	12	13	5	0
CONTIG-058636	705	10	36	237	2
CONTIG-058637	59	3	0	9	0
CONTIG-058638	463	22	38	336	4
CONTIG-058639	141	7	12	20	0
CONTIG-058640	202	14	4	118	0
CONTIG-058641	107	4	0	9	0
CONTIG-058642	167	8	16	43	0
CONTIG-058643	105	5	8	23	0
CONTIG-058644	441	17	14	442	0
CONTIG-058645	139	8	7	38	0
CONTIG-058646	251	10	3	69	0
CONTIG-058647	237	5	9	27	0
CONTIG-058648	90	10	0	25	0
CONTIG-058649	100	7	4	13	0

CONTIG-058650	89	5	16	2	0
CONTIG-058651	64	9	10	14	0
CONTIG-058653	67	5	9	4	0
CONTIG-058654	217	12	6	68	3
CONTIG-058655	56	26	2	50	0
CONTIG-058656	117	4	3	8	0
CONTIG-058657	105	11	4	12	0
CONTIG-058658	89	694	11	1575	0
CONTIG-058661	99	5	2	11	0
CONTIG-058662	80	4	2	6	0
CONTIG-058663	152	9	20	39	0
CONTIG-058664	318	8	2	73	0
CONTIG-058665	65	8	0	8	0
CONTIG-058666	105	5	4	5	0
CONTIG-058667	64	4	0	9	0
CONTIG-058668	90	8	5	2	0
CONTIG-058669	102	19	10	86	0
CONTIG-058670	131	8	11	22	0
CONTIG-058671	462	72	2	0	299
CONTIG-058672	119	19	18	95	0
CONTIG-058673	88	9	8	4	0
CONTIG-058674	164	10	0	57	0
CONTIG-058675	140	6	5	29	0
CONTIG-058676	237	7	7	31	2
CONTIG-058677	217	4	13	12	2
CONTIG-058678	197	13	72	43	2
CONTIG-058679	172	9	10	34	0
CONTIG-058680	76	3	12	4	0
CONTIG-058681	90	4	0	0	0
CONTIG-058682	150	17	14	91	0
CONTIG-058683	101	9	2	36	0
CONTIG-058684	775	11	0	0	74
CONTIG-058685	144	5	2	13	2
CONTIG-058686	74	13	13	34	0
CONTIG-058687	61	3	0	9	0
CONTIG-058688	67	7	22	6	0
CONTIG-058689	159	6	9	19	0
CONTIG-058690	182	14	53	65	0
CONTIG-058691	134	15	11	21	0
CONTIG-058692	234	19	22	22	0
CONTIG-058693	258	10	9	78	2
CONTIG-058695	69	20	5	40	0
CONTIG-058696	59	3	5	0	0
CONTIG-058697	152	15	46	49	0
CONTIG-058699	606	17	26	480	0
CONTIG-058700	165	5	4	22	2
CONTIG-058701	106	12	7	3	0

CONTIG-058703	74	9	8	10	0
CONTIG-058704	136	12	5	87	0
CONTIG-058705	60	24	2	33	0
CONTIG-058707	62	4	9	0	0
CONTIG-058708	154	7	7	24	0
CONTIG-058709	160	8	24	28	2
CONTIG-058710	213	18	24	102	0
CONTIG-058711	70	7	6	15	0
CONTIG-058712	578	8	2	124	0
CONTIG-058713	85	8	3	21	0
CONTIG-058714	145	13	5	67	0
CONTIG-058715	191	6	6	15	0
CONTIG-058716	139	4	2	20	0
CONTIG-058717	89	7	8	18	0
CONTIG-058718	799	29	24	559	27
CONTIG-058719	93	9	5	30	0
CONTIG-058720	172	9	18	59	0
CONTIG-058721	115	8	0	24	0
CONTIG-058722	231	7	0	66	0
CONTIG-058723	382	12	57	71	0
CONTIG-058724	704	12	22	140	8
CONTIG-058725	192	25	47	173	0
CONTIG-058726	157	3	2	2	0
CONTIG-058727	71	4	2	8	0
CONTIG-058728	71	23	29	27	0
CONTIG-058729	311	8	20	53	0
CONTIG-058730	86	8	0	23	0
CONTIG-058732	71	3	3	3	0
CONTIG-058733	192	9	3	33	0
CONTIG-058734	97	4	0	11	0
CONTIG-058735	236	8	2	47	0
CONTIG-058736	153	7	16	19	0
CONTIG-058738	279	9	0	50	0
CONTIG-058739	136	6	0	28	0
CONTIG-058742	93	7	0	8	0
CONTIG-058743	96	6	14	13	0
CONTIG-058744	108	44	6	194	2
CONTIG-058745	60	4	8	0	0
CONTIG-058746	60	4	6	0	0
CONTIG-058747	191	8	24	38	0
CONTIG-058748	73	5	2	12	0
CONTIG-058750	51	28	3	83	0
CONTIG-058751	190	7	2	43	0
CONTIG-058752	146	8	6	34	0
CONTIG-058753	115	5	2	14	0
CONTIG-058754	130	7	9	12	0
CONTIG-058755	99	4	4	2	0

CONTIG-058756	340	22	15	392	0
CONTIG-058757	160	11	7	44	4
CONTIG-058759	109	7	0	27	0
CONTIG-058760	89	7	20	5	0
CONTIG-058761	98	17	5	30	0
CONTIG-058762	98	28	15	103	0
CONTIG-058763	549	50	12	0	453
CONTIG-058764	391	12	2	0	39
CONTIG-058765	360	18	27	131	2
CONTIG-058766	213	7	8	32	0
CONTIG-058769	84	3	0	4	0
CONTIG-058770	84	5	0	10	0
CONTIG-058771	201	10	30	54	0
CONTIG-058772	189	10	12	58	2
CONTIG-058773	145	6	3	19	0
CONTIG-058774	75	11	8	0	0
CONTIG-058775	73	2	0	7	0
CONTIG-058776	174	6	9	40	0
CONTIG-058777	63	6	17	3	0
CONTIG-058778	351	10	11	123	2
CONTIG-058779	402	6	6	16	0
CONTIG-058781	65	7	2	5	0
CONTIG-058782	70	6	15	3	0
CONTIG-058783	78	3	2	4	0
CONTIG-058784	82	7	4	16	0
CONTIG-058785	203	96	6	576	19
CONTIG-058786	40	8	4	14	0
CONTIG-058787	427	10	19	163	0
CONTIG-058788	150	5	9	10	0
CONTIG-058789	59	2	3	0	0
CONTIG-058790	397	10	24	117	0
CONTIG-058791	212	8	4	53	2
CONTIG-058792	106	57	0	72	0
CONTIG-058793	105	5	3	0	0
CONTIG-058794	64	4	4	2	0
CONTIG-058795	235	10	24	64	0
CONTIG-058796	225	9	15	54	0
CONTIG-058797	142	3	0	13	0
CONTIG-058798	80	5	2	11	0
CONTIG-058799	225	17	2	135	0
CONTIG-058800	122	10	4	18	0
CONTIG-058801	59	117	6	330	0
CONTIG-058802	138	7	14	41	0
CONTIG-058803	357	11	19	103	2
CONTIG-058804	87	6	2	9	0
CONTIG-058805	80	4	0	5	0
CONTIG-058808	66	6	2	6	0

CONTIG-058809	116	8	14	0	0
CONTIG-058810	83	8	13	12	0
CONTIG-058811	60	8	4	19	0
CONTIG-058812	245	20	55	76	6
CONTIG-058813	81	15	3	52	0
CONTIG-058814	322	12	20	113	0
CONTIG-058815	76	7	9	9	0
CONTIG-058816	82	6	0	13	0
CONTIG-058817	344	15	23	136	4
CONTIG-058818	331	7	16	48	0
CONTIG-058819	233	6	3	0	0
CONTIG-058820	337	11	11	4	30
CONTIG-058821	99	5	13	7	0
CONTIG-058823	92	5	21	2	0
CONTIG-058824	81	4	0	3	0
CONTIG-058825	422	9	5	108	0
CONTIG-058826	104	6	3	16	0
CONTIG-058827	231	5	6	20	0
CONTIG-058828	62	12	6	7	2
CONTIG-058829	216	10	16	99	0
CONTIG-058830	153	8	14	35	0
CONTIG-058831	67	9	3	0	0
CONTIG-058832	71	249	3	0	99
CONTIG-058833	98	43	7	179	2
CONTIG-058834	85	1056	0	0	1348
CONTIG-058835	64	3	3	0	0
CONTIG-058836	61	6	4	8	0
CONTIG-058837	65	3	3	2	0
CONTIG-058838	374	13	2	145	2
CONTIG-058841	141	35	8	198	2
CONTIG-058842	186	11	28	4	0
CONTIG-058843	148	8	2	33	0
CONTIG-058844	119	12	0	55	0
CONTIG-058845	223	8	8	51	0
CONTIG-058846	93	10	0	36	0
CONTIG-058847	90	4	2	9	0
CONTIG-058848	357	14	19	125	0
CONTIG-058849	227	4	5	17	0
CONTIG-058850	60	3	4	0	0
CONTIG-058854	64	6	0	4	0
CONTIG-058855	83	3	12	0	0
CONTIG-058856	100	7	8	13	0
CONTIG-058857	95	9	27	13	0
CONTIG-058858	72	4	0	5	0
CONTIG-058859	118	6	3	27	0
CONTIG-058860	110	25	14	94	0
CONTIG-058861	85	6	6	17	0

CONTIG-058862	74	5	6	6	0
CONTIG-058863	86	159	70	588	4
CONTIG-058864	88	5	5	13	0
CONTIG-058865	189	9	15	60	0
CONTIG-058866	87	8	5	26	0
CONTIG-058867	80	5	0	13	0
CONTIG-058868	110	13	8	33	0
CONTIG-058869	201	9	10	69	0
CONTIG-058872	256	10	32	66	0
CONTIG-058874	126	11	5	42	0
CONTIG-058875	291	6	25	16	0
CONTIG-058876	71	19	90	7	0
CONTIG-058877	194	13	52	62	0
CONTIG-058878	97	6	2	6	0
CONTIG-058879	68	4	3	11	0
CONTIG-058880	258	7	8	50	0
CONTIG-058881	71	5	0	11	0
CONTIG-058883	59	5	3	14	0
CONTIG-058884	283	9	2	0	10
CONTIG-058885	532	13	25	265	0
CONTIG-058886	68	3	3	4	0
CONTIG-058887	91	3	3	2	0
CONTIG-058888	92	10	47	19	0
CONTIG-058889	136	7	2	40	0
CONTIG-058890	66	8	5	18	0
CONTIG-058892	116	9	6	24	2
CONTIG-058893	106	27	22	119	0
CONTIG-058894	86	5	0	10	0
CONTIG-058895	900	15	4	111	0
CONTIG-058896	118	58	46	84	8
CONTIG-058897	213	8	4	39	0
CONTIG-058898	63	8	8	10	0
CONTIG-058899	147	4	20	2	0
CONTIG-058903	67	3	7	2	0
CONTIG-058904	78	5	6	5	0
CONTIG-058905	70	3	0	0	0
CONTIG-058906	85	6	5	13	0
CONTIG-058907	170	7	14	49	0
CONTIG-058910	171	6	9	29	0
CONTIG-058911	155	3	2	14	0
CONTIG-058912	73	15	8	4	0
CONTIG-058913	303	10	11	113	2
CONTIG-058914	277	9	35	55	0
CONTIG-058915	58	10	13	11	0
CONTIG-058916	235	8	6	36	0
CONTIG-058917	89	32	48	61	4
CONTIG-058918	98	3	5	12	0

CONTIG-058919	562	10	9	131	0
CONTIG-058920	75	6	0	14	0
CONTIG-058921	128	13	20	48	0
CONTIG-058922	77	12	25	5	0
CONTIG-058923	122	9	18	2	0
CONTIG-058924	151	6	9	8	0
CONTIG-058925	257	6	0	41	0
CONTIG-058926	151	14	47	67	0
CONTIG-058927	187	20	32	110	0
CONTIG-058930	228	19	20	208	0
CONTIG-058931	84	4	5	4	0
CONTIG-058932	87	12	10	30	0
CONTIG-058933	90	5	10	7	0
CONTIG-058934	73	770	2	2208	0
CONTIG-058936	274	15	7	150	2
CONTIG-058939	147	8	8	47	0
CONTIG-058940	85	107	320	11	0
CONTIG-058941	84	7	0	34	0
CONTIG-058942	65	7	2	21	0
CONTIG-058944	56	40	7	4	0
CONTIG-058945	136	5	4	18	0
CONTIG-058946	367	11	0	88	2
CONTIG-058947	230	8	4	44	0
CONTIG-058948	97	7	10	17	0
CONTIG-058949	140	33	8	223	0
CONTIG-058950	235	13	37	92	2
CONTIG-058951	82	10	0	46	0
CONTIG-058952	85	3	3	4	0
CONTIG-058953	380	13	23	203	0
CONTIG-058954	114	16	53	8	0
CONTIG-058955	105	53	21	147	0
CONTIG-058956	175	11	28	54	0
CONTIG-058957	404	24	16	420	14
CONTIG-058958	97	8	3	12	0
CONTIG-058959	144	12	6	42	0
CONTIG-058960	109	3	0	9	0
CONTIG-058961	70	12	4	27	0
CONTIG-058962	63	17	7	7	0
CONTIG-058963	186	5	6	22	0
CONTIG-058964	249	8	2	50	0
CONTIG-058965	58	6	2	7	0
CONTIG-058966	201	5	3	16	0
CONTIG-058967	120	8	14	28	0
CONTIG-058968	76	6	8	9	0
CONTIG-058969	90	8	0	23	2
CONTIG-058971	60	5	2	0	2
CONTIG-058972	97	10	8	38	0

CONTIG-058973	199	9	0	31	0
CONTIG-058974	171	11	2	0	9
CONTIG-058975	276	7	5	68	0
CONTIG-058976	84	11	6	23	2
CONTIG-058977	245	6	26	37	2
CONTIG-058978	205	9	0	0	6
CONTIG-058979	69	5	8	6	0
CONTIG-058980	392	10	0	0	13
CONTIG-058981	351	14	2	53	0
CONTIG-058982	94	13	19	0	0
CONTIG-058983	206	7	3	61	0
CONTIG-058984	81	5	6	0	0
CONTIG-058986	101	6	2	17	0
CONTIG-058987	67	13	3	0	0
CONTIG-058988	166	15	47	95	0
CONTIG-058989	100	15	11	9	0
CONTIG-058990	80	8	14	14	0
CONTIG-058993	567	78	21	2357	0
CONTIG-058994	199	6	7	23	0
CONTIG-058996	184	7	9	32	0
CONTIG-058997	373	8	23	110	0
CONTIG-058998	90	10	0	4	0
CONTIG-058999	127	9	0	12	0
CONTIG-059000	72	3	3	5	0
CONTIG-059001	411	15	31	203	2
CONTIG-059010	77	14	11	60	0
CONTIG-059011	537	15	3	0	64
CONTIG-059012	322	14	16	105	2
CONTIG-059013	192	7	23	43	0
CONTIG-059014	56	15	3	31	0
CONTIG-059015	107	11	6	49	0
CONTIG-059016	113	5	10	15	0
CONTIG-059017	58	8	4	15	0
CONTIG-059018	113	5	0	13	0
CONTIG-059019	283	9	13	73	0
CONTIG-059020	168	10	5	65	0
CONTIG-059021	102	7	0	21	0
CONTIG-059023	76	3	2	10	0
CONTIG-059024	125	8	5	29	0
CONTIG-059025	116	8	32	21	0
CONTIG-059026	177	11	7	76	0
CONTIG-059027	89	2	2	2	0
CONTIG-059028	147	9	2	68	0
CONTIG-059029	68	4	5	4	0
CONTIG-059030	365	31	25	394	14
CONTIG-059031	201	8	18	55	0
CONTIG-059032	70	10	9	25	0

CONTIG-059034	58	117	37	151	2
CONTIG-059035	229	15	11	130	0
CONTIG-059036	120	12	2	35	0
CONTIG-059045	157	13	13	22	2
CONTIG-059046	485	9	4	155	0
CONTIG-059047	110	5	5	9	0
CONTIG-059048	124	5	2	29	0
CONTIG-059049	112	6	11	26	0
CONTIG-059050	78	6	7	11	0
CONTIG-059051	204	7	17	34	2
CONTIG-059052	102	22	7	70	6
CONTIG-059053	258	9	3	78	6
CONTIG-059054	74	12	6	25	0
CONTIG-059055	158	4	0	13	0
CONTIG-059056	225	6	6	8	0
CONTIG-059057	66	6	0	11	0
CONTIG-059058	97	4	25	4	0
CONTIG-059059	85	5	2	17	0
CONTIG-059060	167	6	3	23	0
CONTIG-059061	374	13	41	119	0
CONTIG-059062	98	31	21	98	6
CONTIG-059064	61	4	2	3	0
CONTIG-059065	347	11	9	77	2
CONTIG-059066	244	12	5	0	0
CONTIG-059067	332	12	4	126	0
CONTIG-059068	69	11	2	23	0
CONTIG-059069	63	5	0	6	0
CONTIG-059070	88	30	12	118	0
CONTIG-059071	53	12	21	6	0
CONTIG-059072	129	11	13	39	2
CONTIG-059073	73	5	4	16	0
CONTIG-059074	290	7	4	58	0
CONTIG-059075	218	12	15	77	0
CONTIG-059076	347	9	23	89	0
CONTIG-059077	57	27	10	24	0
CONTIG-059078	106	16	4	29	0
CONTIG-059079	203	7	14	17	0
CONTIG-059080	114	4	5	7	0
CONTIG-059081	143	7	7	25	0
CONTIG-059082	98	4	0	6	0
CONTIG-059083	208	5	0	27	0
CONTIG-059084	68	9	10	12	0
CONTIG-059087	326	9	58	66	0
CONTIG-059088	122	7	0	10	2
CONTIG-059089	164	143	4	2	8
CONTIG-059090	85	4	4	0	0
CONTIG-059091	266	9	3	0	14

CONTIG-059093	248	7	14	20	2
CONTIG-059094	60	6	8	6	0
CONTIG-059100	69	4	18	2	0
CONTIG-059101	86	3	5	6	0
CONTIG-059103	165	14	4	116	0
CONTIG-059104	102	32	30	23	2
CONTIG-059105	154	10	15	49	0
CONTIG-059106	37	256	6	0	55
CONTIG-059107	66	261	4	0	145
CONTIG-059108	92	4	11	4	0
CONTIG-059109	333	10	8	120	2
CONTIG-059110	124	6	12	22	0
CONTIG-059111	72	3	0	5	0
CONTIG-059112	101	12	0	46	0
CONTIG-059113	96	14	28	43	0
CONTIG-059114	453	22	30	410	2
CONTIG-059115	144	6	2	21	0
CONTIG-059116	54	10	0	11	0
CONTIG-059117	75	13	11	40	0
CONTIG-059118	93	6	2	10	0
CONTIG-059119	132	13	0	72	0
CONTIG-059120	69	4	2	0	0
CONTIG-059121	128	5	5	29	0
CONTIG-059122	433	12	31	164	0
CONTIG-059123	91	6	8	9	0
CONTIG-059124	102	10	6	0	0
CONTIG-059127	92	6	5	16	0
CONTIG-059128	58	2	2	3	0
CONTIG-059129	282	35	20	243	48
CONTIG-059131	88	3	0	4	0
CONTIG-059132	148	3	7	6	0
CONTIG-059133	79	10	36	0	0
CONTIG-059134	119	10	19	46	0
CONTIG-059135	128	6	3	32	0
CONTIG-059136	272	10	0	107	0
CONTIG-059137	332	9	30	108	0
CONTIG-059138	335	59	2	0	166
CONTIG-059139	204	17	0	0	18
CONTIG-059140	148	5	2	39	0
CONTIG-059141	82	4	4	8	0
CONTIG-059142	113	45	2	197	3
CONTIG-059143	63	4	0	5	0
CONTIG-059144	82	25	0	29	0
CONTIG-059145	46	73	7	64	0
CONTIG-059146	145	7	11	6	0
CONTIG-059147	159	5	20	22	0
CONTIG-059148	217	5	5	31	0

CONTIG-059150	89	23	13	57	0
CONTIG-059151	311	11	19	39	2
CONTIG-059152	202	4	5	24	0
CONTIG-059153	155	4	8	16	0
CONTIG-059154	724	14	5	395	0
CONTIG-059155	79	5	5	11	0
CONTIG-059156	125	4	3	9	0
CONTIG-059157	70	3	0	0	0
CONTIG-059158	144	3	2	14	0
CONTIG-059159	143	6	12	16	0
CONTIG-059160	128	7	3	26	0
CONTIG-059161	381	12	8	166	6
CONTIG-059162	94	2	4	5	0
CONTIG-059163	62	4	6	5	0
CONTIG-059164	62	10	0	15	0
CONTIG-059168	77	9	4	20	0
CONTIG-059169	106	7	3	22	2
CONTIG-059170	281	12	22	6	2
CONTIG-059171	282	9	5	82	0
CONTIG-059172	228	11	40	73	0
CONTIG-059173	91	11	30	26	0
CONTIG-059174	157	11	16	67	0
CONTIG-059176	80	7	3	27	0
CONTIG-059177	130	6	10	26	0
CONTIG-059178	178	10	42	49	0
CONTIG-059179	172	7	9	35	0
CONTIG-059180	150	9	32	20	0
CONTIG-059181	58	2	0	0	0
CONTIG-059182	310	8	17	70	0
CONTIG-059183	196	30	6	341	0
CONTIG-059184	196	12	13	131	0
CONTIG-059186	448	9	24	75	0
CONTIG-059187	161	4	2	4	0
CONTIG-059188	146	5	2	24	0
CONTIG-059189	66	6	3	8	0
CONTIG-059190	504	30	56	480	7
CONTIG-059191	191	8	3	63	2
CONTIG-059192	88	5	3	16	0
CONTIG-059193	116	6	10	8	0
CONTIG-059194	91	3	4	2	0
CONTIG-059196	179	12	15	60	0
CONTIG-059197	246	9	10	20	0
CONTIG-059198	191	10	10	46	0
CONTIG-059199	65	3	8	0	0
CONTIG-059200	182	7	17	37	2
CONTIG-059201	63	10	6	13	0
CONTIG-059202	188	6	2	36	0

CONTIG-059203	71	4	9	6	0
CONTIG-059204	336	7	19	46	0
CONTIG-059205	106	5	2	13	0
CONTIG-059206	90	6	4	20	0
CONTIG-059207	143	14	20	52	0
CONTIG-059212	85	6	2	10	0
CONTIG-059215	186	6	6	43	0
CONTIG-059216	113	23	25	46	0
CONTIG-059217	68	5	3	5	0
CONTIG-059218	168	6	6	16	0
CONTIG-059219	85	12	28	26	0
CONTIG-059220	119	8	7	33	0
CONTIG-059221	58	9	29	0	0
CONTIG-059222	109	6	6	13	0
CONTIG-059223	69	27	25	2	0
CONTIG-059224	551	15	23	258	2
CONTIG-059225	98	10	8	15	0
CONTIG-059228	83	5	14	4	0
CONTIG-059229	242	6	5	4	0
CONTIG-059231	43	170	20	49	0
CONTIG-059232	67	2	0	0	0
CONTIG-059233	64	8	0	0	0
CONTIG-059234	203	11	8	64	0
CONTIG-059235	132	6	11	17	0
CONTIG-059236	147	5	11	11	0
CONTIG-059237	82	4	0	2	0
CONTIG-059238	67	5	2	10	0
CONTIG-059239	74	5	0	8	0
CONTIG-059240	143	5	5	25	0
CONTIG-059241	66	6	7	3	0
CONTIG-059242	74	18	17	35	0
CONTIG-059243	234	6	4	36	2
CONTIG-059244	77	3	0	11	0
CONTIG-059245	102	9	2	37	0
CONTIG-059247	118	18	6	54	2
CONTIG-059248	127	7	5	8	0
CONTIG-059249	67	4	2	6	0
CONTIG-059251	96	6	4	18	0
CONTIG-059252	71	9	3	20	0
CONTIG-059255	215	11	25	59	2
CONTIG-059256	84	7	14	13	0
CONTIG-059257	60	7	5	4	0
CONTIG-059258	93	11	4	13	0
CONTIG-059259	378	7	9	65	2
CONTIG-059260	302	7	11	23	0
CONTIG-059261	70	6	3	7	0
CONTIG-059265	74	8	6	20	0

CONTIG-059266	67	10	2	21	0
CONTIG-059267	187	19	13	123	2
CONTIG-059268	185	4	7	20	0
CONTIG-059269	139	8	8	15	0
CONTIG-059270	276	6	4	0	0
CONTIG-059271	93	8	6	25	0
CONTIG-059272	132	5	18	2	2
CONTIG-059273	60	14	27	13	0
CONTIG-059274	408	8	0	23	2
CONTIG-059275	166	4	0	18	0
CONTIG-059276	209	15	22	51	8
CONTIG-059277	58	4	3	0	0
CONTIG-059278	58	4	8	0	0
CONTIG-059279	95	10	16	10	0
CONTIG-059280	266	18	4	123	2
CONTIG-059281	97	7	2	0	0
CONTIG-059282	225	15	4	154	0
CONTIG-059284	77	4	3	10	0
CONTIG-059285	65	7	2	17	0
CONTIG-059286	96	4	7	10	0
CONTIG-059287	326	10	6	136	0
CONTIG-059288	280	10	4	30	0
CONTIG-059289	75	5	8	0	0
CONTIG-059290	413	10	6	122	0
CONTIG-059291	442	11	12	169	0
CONTIG-059292	165	5	11	19	0
CONTIG-059294	172	9	11	21	0
CONTIG-059300	78	2	0	5	0
CONTIG-059301	166	20	6	106	0
CONTIG-059302	76	5	0	9	0
CONTIG-059303	102	10	7	15	0
CONTIG-059304	102	5	7	11	0
CONTIG-059305	103	10	9	11	0
CONTIG-059306	111	4	2	9	0
CONTIG-059307	303	9	6	78	0
CONTIG-059308	112	11	2	60	0
CONTIG-059309	93	3	2	0	0
CONTIG-059310	86	6	9	10	0
CONTIG-059311	200	9	15	53	0
CONTIG-059312	513	28	17	674	8
CONTIG-059313	88	5	0	9	0
CONTIG-059314	379	9	16	119	0
CONTIG-059316	253	8	6	49	4
CONTIG-059317	69	7	7	7	0
CONTIG-059318	321	9	7	114	0
CONTIG-059319	83	6	4	12	2
CONTIG-059320	60	34	9	58	0

CONTIG-059321	316	8	14	109	0
CONTIG-059322	340	5	16	37	0
CONTIG-059324	111	5	5	12	0
CONTIG-059325	106	14	30	6	0
CONTIG-059326	111	16	6	56	0
CONTIG-059330	160	99	68	163	6
CONTIG-059331	72	8	2	21	0
CONTIG-059332	223	11	3	0	4
CONTIG-059333	97	4	0	9	0
CONTIG-059334	83	11	4	0	9
CONTIG-059335	110	4	7	6	0
CONTIG-059336	192	6	2	41	0
CONTIG-059339	49	25	14	40	0
CONTIG-059340	156	20	23	25	0
CONTIG-059342	95	9	8	22	2
CONTIG-059343	143	6	0	16	0
CONTIG-059344	157	14	7	74	0
CONTIG-059345	143	5	5	5	0
CONTIG-059346	270	7	16	24	3
CONTIG-059347	138	11	2	71	0
CONTIG-059349	429	10	4	25	0
CONTIG-059350	96	6	16	15	0
CONTIG-059351	109	2	0	2	0
CONTIG-059354	108	16	36	3	0
CONTIG-059359	345	15	37	141	6
CONTIG-059360	349	14	21	30	0
CONTIG-059361	137	22	17	79	2
CONTIG-059362	157	10	13	26	0
CONTIG-059363	193	17	19	132	0
CONTIG-059364	316	8	32	77	0
CONTIG-059365	170	5	0	24	0
CONTIG-059366	80	7	4	27	0
CONTIG-059367	77	10	9	14	0
CONTIG-059369	108	7	25	7	0
CONTIG-059371	61	5	0	0	0
CONTIG-059372	184	13	8	72	0
CONTIG-059373	101	5	4	4	0
CONTIG-059374	53	126	9	183	2
CONTIG-059375	324	29	39	502	0
CONTIG-059376	320	9	6	82	2
CONTIG-059377	87	6	2	11	0
CONTIG-059378	347	12	26	120	0
CONTIG-059379	375	11	19	37	2
CONTIG-059385	87	6	7	2	0
CONTIG-059386	330	9	16	36	4
CONTIG-059387	68	3	0	0	0
CONTIG-059388	112	15	15	23	2

CONTIG-059389	85	5	0	0	4
CONTIG-059390	72	6	2	14	0
CONTIG-059391	406	10	12	60	0
CONTIG-059392	290	12	13	174	0
CONTIG-059393	164	7	6	34	0
CONTIG-059394	125	5	4	14	0
CONTIG-059395	100	4	2	4	0
CONTIG-059396	117	11	21	45	0
CONTIG-059397	132	37	51	59	0
CONTIG-059398	129	8	19	25	0
CONTIG-059399	266	14	6	137	2
CONTIG-059400	68	5	5	15	0
CONTIG-059401	575	14	4	348	7
CONTIG-059402	60	3	2	7	0
CONTIG-059403	72	9	6	27	0
CONTIG-059404	184	14	16	88	0
CONTIG-059405	348	6	10	33	0
CONTIG-059406	143	7	2	28	0
CONTIG-059407	230	10	10	79	0
CONTIG-059408	848	13	45	339	2
CONTIG-059409	122	10	0	58	0
CONTIG-059410	146	5	6	17	0
CONTIG-059412	166	10	2	51	0
CONTIG-059413	150	11	53	15	0
CONTIG-059414	133	4	2	13	0
CONTIG-059415	102	13	6	37	0
CONTIG-059416	86	8	18	5	0
CONTIG-059422	140	9	9	14	0
CONTIG-059423	115	11	32	22	0
CONTIG-059424	79	8	6	8	0
CONTIG-059425	127	11	6	47	0
CONTIG-059426	141	12	34	27	4
CONTIG-059427	102	4	0	8	0
CONTIG-059428	125	14	8	69	0
CONTIG-059429	461	18	16	315	0
CONTIG-059430	251	5	0	47	0
CONTIG-059431	80	3	4	0	0
CONTIG-059432	174	8	7	33	0
CONTIG-059433	146	6	13	17	2
CONTIG-059434	83	2	2	0	0
CONTIG-059435	59	2	0	5	0
CONTIG-059436	129	12	0	51	2
CONTIG-059437	62	4	0	0	0
CONTIG-059439	392	18	12	314	2
CONTIG-059440	101	110	0	2	2
CONTIG-059441	64	13	4	0	0
CONTIG-059442	82	55	15	256	0

CONTIG-059444	78	4	3	10	0
CONTIG-059445	246	6	9	28	0
CONTIG-059446	66	4	0	0	0
CONTIG-059447	141	12	3	79	0
CONTIG-059448	179	6	2	22	0
CONTIG-059449	102	3	5	3	0
CONTIG-059450	128	5	9	24	0
CONTIG-059451	76	10	18	8	0
CONTIG-059452	65	8	2	8	0
CONTIG-059453	68	38	30	67	3
CONTIG-059455	79	3	16	2	0
CONTIG-059456	60	5	6	0	0
CONTIG-059460	139	30	11	53	6
CONTIG-059461	100	4	0	6	0
CONTIG-059462	127	34	10	100	6
CONTIG-059465	131	5	2	15	0
CONTIG-059467	210	12	12	118	0
CONTIG-059468	131	8	2	21	0
CONTIG-059471	87	8	2	42	0
CONTIG-059472	473	14	18	47	24
CONTIG-059473	72	8	6	21	0
CONTIG-059474	188	13	4	50	8
CONTIG-059475	90	9	7	40	0
CONTIG-059476	71	7	15	0	0
CONTIG-059478	84	15	0	33	0
CONTIG-059479	492	10	14	53	0
CONTIG-059480	155	10	4	0	10
CONTIG-059481	163	13	9	94	0
CONTIG-059482	105	11	3	22	0
CONTIG-059483	167	5	0	26	0
CONTIG-059484	125	17	28	71	0
CONTIG-059485	102	12	16	40	0
CONTIG-059486	62	6	12	2	2
CONTIG-059487	142	9	12	20	0
CONTIG-059488	89	10	2	23	0
CONTIG-059489	158	12	10	65	0
CONTIG-059490	204	15	32	87	2
CONTIG-059491	95	4	10	10	0
CONTIG-059492	65	6	4	14	0
CONTIG-059493	696	15	2	0	118
CONTIG-059494	115	9	4	19	0
CONTIG-059495	184	14	0	0	13
CONTIG-059496	78	4	9	10	0
CONTIG-059498	280	14	33	155	0
CONTIG-059499	260	8	2	56	0
CONTIG-059500	462	15	19	228	34
CONTIG-059501	238	10	0	73	0

CONTIG-059502	86	8	11	2	2
CONTIG-059504	91	5	12	18	0
CONTIG-059505	207	13	18	122	0
CONTIG-059506	79	11	25	10	0
CONTIG-059507	67	2	2	0	0
CONTIG-059511	64	6	5	16	0
CONTIG-059512	59	3	2	4	0
CONTIG-059513	170	9	5	49	0
CONTIG-059514	210	13	10	60	0
CONTIG-059515	135	10	9	32	0
CONTIG-059516	100	8	7	37	0
CONTIG-059517	153	7	5	24	0
CONTIG-059519	111	8	29	23	0
CONTIG-059520	288	6	5	44	0
CONTIG-059521	227	14	5	89	0
CONTIG-059522	59	13	0	18	3
CONTIG-059523	85	7	3	28	0
CONTIG-059524	462	13	43	124	0
CONTIG-059525	243	13	6	68	0
CONTIG-059526	68	4	2	7	0
CONTIG-059527	288	7	27	38	0
CONTIG-059528	85	7	3	13	0
CONTIG-059529	93	7	0	21	0
CONTIG-059530	68	7	8	12	0
CONTIG-059531	161	9	4	60	0
CONTIG-059532	195	14	16	78	0
CONTIG-059533	75	8	2	22	0
CONTIG-059534	245	11	5	89	4
CONTIG-059535	128	4	12	6	0
CONTIG-059536	205	5	0	25	0
CONTIG-059537	158	12	32	53	2
CONTIG-059538	102	9	4	15	0
CONTIG-059539	182	7	8	30	0
CONTIG-059540	131	7	8	33	0
CONTIG-059541	144	5	6	22	0
CONTIG-059542	185	9	40	38	2
CONTIG-059543	131	10	10	24	0
CONTIG-059544	116	7	4	30	0
CONTIG-059545	397	12	18	69	0
CONTIG-059546	163	22	14	145	0
CONTIG-059547	312	9	37	54	0
CONTIG-059548	76	17	17	27	0
CONTIG-059549	177	12	11	99	0
CONTIG-059551	157	11	3	87	0
CONTIG-059552	66	5	9	2	0
CONTIG-059553	88	13	7	16	0
CONTIG-059554	298	8	9	4	0

CONTIG-059557	174	5	16	34	0
CONTIG-059558	218	22	8	236	0
CONTIG-059560	62	8	2	0	0
CONTIG-059561	141	11	41	36	0
CONTIG-059562	72	6	5	10	0
CONTIG-059563	66	3	0	5	0
CONTIG-059564	140	6	2	22	4
CONTIG-059565	72	4	12	5	0
CONTIG-059566	128	5	12	2	0
CONTIG-059567	121	15	15	69	0
CONTIG-059568	382	12	24	225	0
CONTIG-059569	138	8	2	20	0
CONTIG-059570	63	4	4	2	0
CONTIG-059571	199	8	8	43	0
CONTIG-059573	58	4	3	2	0
CONTIG-059574	95	10	5	53	0
CONTIG-059575	273	7	12	44	0
CONTIG-059576	123	17	15	0	0
CONTIG-059577	145	7	11	30	0
CONTIG-059578	360	7	13	60	0
CONTIG-059579	97	6	2	10	2
CONTIG-059580	114	8	0	22	0
CONTIG-059581	68	6	3	9	0
CONTIG-059582	72	5	3	4	0
CONTIG-059583	102	8	13	15	0
CONTIG-059584	59	4	6	2	0
CONTIG-059585	98	13	24	28	0
CONTIG-059586	208	19	31	171	0
CONTIG-059588	77	8	2	25	0
CONTIG-059589	61	5	2	7	2
CONTIG-059590	76	9	19	7	0
CONTIG-059591	66	4	3	3	0
CONTIG-059592	68	223	136	441	2
CONTIG-059594	144	16	13	85	2
CONTIG-059595	108	10	4	41	0
CONTIG-059596	157	5	8	15	0
CONTIG-059597	291	19	15	220	4
CONTIG-059598	414	17	25	372	0
CONTIG-059599	63	4	14	2	0
CONTIG-059600	125	3	5	6	0
CONTIG-059601	85	4	2	5	0
CONTIG-059602	278	10	3	103	0
CONTIG-059603	195	7	5	38	0
CONTIG-059604	85	6	20	0	0
CONTIG-059605	59	7	2	9	0
CONTIG-059606	114	3	0	11	0
CONTIG-059607	216	13	25	47	0

CONTIG-059618	98	7	2	6	0
CONTIG-059619	209	13	43	79	0
CONTIG-059621	65	6	7	10	0
CONTIG-059626	169	7	10	39	0
CONTIG-059627	125	25	17	53	4
CONTIG-059628	339	13	0	0	28
CONTIG-059629	73	6	0	21	0
CONTIG-059630	156	14	3	16	0
CONTIG-059631	628	13	20	14	0
CONTIG-059632	61	7	26	11	0
CONTIG-059633	169	8	36	9	0
CONTIG-059634	88	6	6	13	0
CONTIG-059635	74	7	11	11	0
CONTIG-059636	146	6	9	4	0
CONTIG-059638	216	6	2	5	0
CONTIG-059639	139	8	3	36	0
CONTIG-059640	146	9	17	33	0
CONTIG-059641	260	15	9	206	0
CONTIG-059642	137	13	11	60	0
CONTIG-059643	79	8	4	14	0
CONTIG-059644	139	9	41	30	0
CONTIG-059645	80	12	23	25	0
CONTIG-059646	190	18	26	77	0
CONTIG-059648	512	13	11	23	0
CONTIG-059649	323	25	66	122	2
CONTIG-059650	268	21	18	187	0
CONTIG-059651	261	19	17	267	0
CONTIG-059652	153	5	11	17	0
CONTIG-059653	187	16	30	84	0
CONTIG-059654	230	13	12	91	0
CONTIG-059655	244	9	19	83	0
CONTIG-059656	89	7	5	3	0
CONTIG-059657	95	6	7	17	0
CONTIG-059658	75	7	2	9	0
CONTIG-059660	67	5	5	10	0
CONTIG-059661	107	10	5	7	0
CONTIG-059662	60	6	2	9	0
CONTIG-059663	98	20	2	4	0
CONTIG-059666	118	8	4	49	0
CONTIG-059667	64	14	5	26	0
CONTIG-059668	62	13	10	12	0
CONTIG-059669	138	31	19	57	0
CONTIG-059670	92	8	16	21	0
CONTIG-059671	201	12	16	76	0
CONTIG-059672	77	8	11	11	0
CONTIG-059673	153	9	8	54	2
CONTIG-059674	147	5	9	4	0

CONTIG-059675	72	5	2	15	0
CONTIG-059676	943	35	12	0	10
CONTIG-059677	78	8	4	25	0
CONTIG-059678	298	48	51	240	10
CONTIG-059679	227	13	14	46	0
CONTIG-059680	225	4	5	13	0
CONTIG-059681	1141	34	2	4	0
CONTIG-059682	211	5	13	14	0
CONTIG-059683	130	15	11	38	0
CONTIG-059684	117	8	40	16	0
CONTIG-059685	475	6	9	84	0
CONTIG-059686	77	5	7	0	0
CONTIG-059687	162	15	47	82	2
CONTIG-059688	89	60	2	281	2
CONTIG-059689	86	5	0	10	0
CONTIG-059690	305	37	31	198	20
CONTIG-059691	114	3	2	6	0
CONTIG-059692	191	5	14	38	0
CONTIG-059693	62	232	55	343	35
CONTIG-059694	154	6	8	19	0
CONTIG-059695	132	135	17	605	22
CONTIG-059696	153	13	23	50	0
CONTIG-059697	401	8	12	74	0
CONTIG-059699	221	5	13	37	0
CONTIG-059700	362	12	25	111	6
CONTIG-059701	79	14	10	25	2
CONTIG-059702	253	11	0	0	17
CONTIG-059703	161	3	2	13	0
CONTIG-059704	109	5	6	6	0
CONTIG-059705	108	7	0	7	0
CONTIG-059709	82	14	5	32	2
CONTIG-059710	89	16	0	0	0
CONTIG-059711	116	21	43	39	0
CONTIG-059712	106	8	20	20	0
CONTIG-059713	112	11	32	38	0
CONTIG-059714	161	7	8	11	0
CONTIG-059715	93	5	6	7	0
CONTIG-059716	110	35	29	2	36
CONTIG-059717	239	4	3	23	0
CONTIG-059718	720	17	35	512	0
CONTIG-059719	88	23	8	70	0
CONTIG-059722	51	6	7	6	0
CONTIG-059723	40	22	13	11	0
CONTIG-059724	65	9	3	16	0
CONTIG-059725	176	8	3	24	0
CONTIG-059726	451	14	28	227	0
CONTIG-059727	101	7	2	29	0

CONTIG-059728	399	49	20	24	0
CONTIG-059729	725	31	20	1218	0
CONTIG-059730	67	5	0	0	2
CONTIG-059731	82	12	6	32	0
CONTIG-059732	61	4	2	0	0
CONTIG-059733	188	6	5	16	0
CONTIG-059734	71	4	3	3	0
CONTIG-059735	125	7	17	28	0
CONTIG-059736	107	17	15	96	0
CONTIG-059737	549	25	40	172	0
CONTIG-059738	69	4	5	0	0
CONTIG-059739	120	6	12	2	0
CONTIG-059740	113	262	12	409	10
CONTIG-059741	62	10	7	7	0
CONTIG-059742	441	7	27	56	0
CONTIG-059744	83	9	7	30	0
CONTIG-059745	70	3	3	2	0
CONTIG-059746	95	5	4	8	0
CONTIG-059747	164	7	8	17	0
CONTIG-059748	205	5	8	26	0
CONTIG-059749	104	8	0	40	0
CONTIG-059750	124	7	18	16	0
CONTIG-059751	59	3	2	6	0
CONTIG-059752	177	7	2	3	0
CONTIG-059753	103	7	6	15	0
CONTIG-059754	375	17	24	187	4
CONTIG-059755	119	5	3	11	0
CONTIG-059756	58	11	13	16	0
CONTIG-059757	62	7	5	7	0
CONTIG-059758	144	4	7	4	0
CONTIG-059759	68	7	2	12	0
CONTIG-059760	181	41	14	128	0
CONTIG-059761	41	21	0	0	0
CONTIG-059762	76	3	4	0	0
CONTIG-059763	77	4	2	0	0
CONTIG-059764	59	7	3	14	0
CONTIG-059765	475	10	19	173	0
CONTIG-059773	168	6	10	35	0
CONTIG-059774	120	8	9	27	0
CONTIG-059777	131	13	20	50	0
CONTIG-059778	78	5	0	2	0
CONTIG-059779	173	13	9	110	0
CONTIG-059780	126	6	14	11	0
CONTIG-059781	124	7	2	7	2
CONTIG-059782	200	14	3	77	0
CONTIG-059783	126	13	14	21	0
CONTIG-059784	61	11	10	20	0

CONTIG-059785	74	5	2	14	0
CONTIG-059786	240	13	0	165	0
CONTIG-059787	313	8	12	87	0
CONTIG-059788	127	5	4	24	0
CONTIG-059789	106	15	13	70	0
CONTIG-059790	61	7	3	16	0
CONTIG-059791	88	8	4	0	0
CONTIG-059792	160	8	4	30	2
CONTIG-059793	151	25	0	75	2
CONTIG-059794	80	13	5	42	0
CONTIG-059796	235	6	15	62	0
CONTIG-059797	136	6	7	19	0
CONTIG-059798	72	10	41	11	0
CONTIG-059799	144	10	2	10	0
CONTIG-059800	156	11	20	62	3
CONTIG-059801	110	5	14	7	0
CONTIG-059802	96	3	2	5	0
CONTIG-059803	92	11	2	47	0
CONTIG-059813	140	8	43	14	0
CONTIG-059814	183	8	21	31	0
CONTIG-059815	312	16	0	104	0
CONTIG-059816	74	5	15	0	0
CONTIG-059817	116	7	4	19	0
CONTIG-059818	275	11	8	83	0
CONTIG-059819	87	12	7	40	0
CONTIG-059820	97	6	14	9	0
CONTIG-059821	97	198	95	759	0
CONTIG-059822	62	3	8	2	0
CONTIG-059823	96	8	6	16	0
CONTIG-059824	119	7	0	10	0
CONTIG-059825	128	12	22	39	0
CONTIG-059828	60	3	2	4	0
CONTIG-059829	88	5	24	0	0
CONTIG-059830	184	8	4	35	0
CONTIG-059831	75	6	2	11	0
CONTIG-059832	136	5	0	0	4
CONTIG-059833	68	9	20	4	0
CONTIG-059834	72	13	39	4	0
CONTIG-059835	338	11	11	131	2
CONTIG-059836	215	22	58	113	0
CONTIG-059837	215	12	6	108	0
CONTIG-059838	78	10	10	15	0
CONTIG-059839	41	87	10	31	0
CONTIG-059840	415	14	4	142	7
CONTIG-059843	72	6	17	0	0
CONTIG-059844	107	6	2	23	0
CONTIG-059845	123	6	0	24	0

CONTIG-059846	83	7	0	20	0
CONTIG-059847	76	6	2	11	0
CONTIG-059848	157	11	21	26	0
CONTIG-059849	139	5	6	30	0
CONTIG-059850	69	6	7	8	0
CONTIG-059852	122	10	0	45	0
CONTIG-059853	79	3	0	4	0
CONTIG-059854	68	4	10	4	0
CONTIG-059856	132	9	4	45	0
CONTIG-059858	36	13	4	6	0
CONTIG-059859	89	5	5	18	0
CONTIG-059860	138	6	7	27	0
CONTIG-059861	72	6	7	8	0
CONTIG-059863	92	4	0	11	0
CONTIG-059864	169	15	25	107	0
CONTIG-059865	58	3	5	2	0
CONTIG-059866	65	5	10	8	0
CONTIG-059867	87	4	6	2	0
CONTIG-059868	301	12	30	61	0
CONTIG-059869	86	8	10	7	0
CONTIG-059870	114	4	6	2	0
CONTIG-059871	492	54	20	1004	22
CONTIG-059872	108	8	27	26	0
CONTIG-059873	259	11	6	77	2
CONTIG-059874	78	4	2	0	0
CONTIG-059875	205	10	13	62	0
CONTIG-059876	214	7	12	17	0
CONTIG-059877	148	14	9	55	0
CONTIG-059878	104	189	6	547	0
CONTIG-059879	245	10	15	29	0
CONTIG-059880	117	12	27	42	0
CONTIG-059881	424	11	13	159	2
CONTIG-059882	66	17	6	24	0
CONTIG-059883	62	9	32	0	0
CONTIG-059884	207	20	53	125	0
CONTIG-059885	124	7	4	23	0
CONTIG-059886	95	5	4	23	0
CONTIG-059887	74	4	2	4	2
CONTIG-059888	114	11	17	29	0
CONTIG-059889	178	8	15	55	0
CONTIG-059891	356	8	10	116	2
CONTIG-059892	112	6	8	32	0
CONTIG-059893	43	51	43	28	0
CONTIG-059894	167	9	20	50	0
CONTIG-059895	76	7	0	11	0
CONTIG-059896	70	5	3	0	0
CONTIG-059897	330	26	22	440	0

CONTIG-059899	172	13	7	76	0
CONTIG-059900	59	5	4	8	0
CONTIG-059901	154	6	5	15	0
CONTIG-059902	96	5	3	9	0
CONTIG-059903	137	8	2	31	0
CONTIG-059904	189	3	3	0	0
CONTIG-059905	88	2	2	4	0
CONTIG-059906	61	3	3	2	0
CONTIG-059908	101	9	5	13	0
CONTIG-059909	185	4	6	21	0
CONTIG-059910	67	9	4	0	0
CONTIG-059911	89	4	8	4	0
CONTIG-059912	198	35	42	377	0
CONTIG-059913	80	8	5	0	0
CONTIG-059914	204	10	6	65	0
CONTIG-059915	49	167	38	206	8
CONTIG-059916	90	7	2	9	2
CONTIG-059917	64	4	2	4	0
CONTIG-059918	255	21	33	153	10
CONTIG-059919	507	14	37	188	2
CONTIG-059920	75	8	7	21	0
CONTIG-059921	90	4	2	8	0
CONTIG-059923	184	21	3	162	0
CONTIG-059924	68	3	3	0	0
CONTIG-059925	186	7	7	27	0
CONTIG-059926	738	14	34	423	0
CONTIG-059927	89	10	2	33	0
CONTIG-059929	90	6	0	12	0
CONTIG-059930	93	15	0	79	0
CONTIG-059931	221	10	17	85	0
CONTIG-059932	140	17	32	24	0
CONTIG-059933	147	7	5	22	0
CONTIG-059934	475	9	4	158	2
CONTIG-059935	60	3	3	0	0
CONTIG-059936	213	8	11	8	0
CONTIG-059938	133	11	6	77	0
CONTIG-059939	120	10	16	29	0
CONTIG-059940	173	16	21	110	0
CONTIG-059941	373	8	26	119	0
CONTIG-059942	73	3	3	6	0
CONTIG-059943	182	5	6	18	0
CONTIG-059944	129	4	29	0	0
CONTIG-059945	61	4	5	4	0
CONTIG-059946	102	6	2	8	0
CONTIG-059947	258	6	6	35	0
CONTIG-059948	626	22	5	493	48
CONTIG-059949	174	8	2	22	0

CONTIG-059950	126	18	2	63	0
CONTIG-059951	63	9	4	16	0
CONTIG-059952	373	9	30	87	0
CONTIG-059953	68	266	4	912	4
CONTIG-059954	311	12	0	0	0
CONTIG-059955	162	10	16	28	0
CONTIG-059956	59	53	15	125	0
CONTIG-059957	465	9	11	88	0
CONTIG-059958	183	7	2	26	4
CONTIG-059959	110	7	2	20	0
CONTIG-059962	204	10	0	61	0
CONTIG-059963	97	7	15	11	0
CONTIG-059964	142	11	0	53	0
CONTIG-059965	84	17	3	70	0
CONTIG-059966	65	11	2	23	0
CONTIG-059967	154	7	29	26	0
CONTIG-059968	258	11	8	84	0
CONTIG-059970	456	25	18	517	0
CONTIG-059971	75	5	2	9	0
CONTIG-059973	64	9	0	9	0
CONTIG-059981	214	13	5	57	2
CONTIG-059982	121	30	27	50	0
CONTIG-059983	95	8	0	32	0
CONTIG-059984	66	4	2	4	0
CONTIG-059985	125	4	5	16	0
CONTIG-059986	345	25	20	379	0
CONTIG-059987	351	9	2	83	7
CONTIG-059988	59	4	3	6	0
CONTIG-059989	468	16	17	364	0
CONTIG-059990	114	4	4	14	0
CONTIG-059991	161	8	5	32	0
CONTIG-059992	145	5	2	18	0
CONTIG-059993	99	3	0	2	0
CONTIG-059994	84	3	0	4	0
CONTIG-059995	65	6	2	14	0
CONTIG-059996	63	3	3	0	0
CONTIG-059997	97	24	5	117	7
CONTIG-059998	81	123	68	121	0
CONTIG-059999	569	8	12	144	3
CONTIG-060000	97	7	22	12	0
CONTIG-060001	146	14	15	81	0
CONTIG-060002	58	7	17	0	0
CONTIG-060003	114	13	19	50	0
CONTIG-060004	67	8	4	0	0
CONTIG-060005	119	5	0	21	0
CONTIG-060006	104	4	9	6	0
CONTIG-060007	111	6	0	6	0

CONTIG-060008	93	7	2	4	0
CONTIG-060009	64	3	5	6	0
CONTIG-060010	81	6	3	4	0
CONTIG-060011	72	7	7	15	0
CONTIG-060012	233	9	9	35	0
CONTIG-060013	90	10	5	21	0
CONTIG-060014	121	14	5	97	0
CONTIG-060015	85	3	7	4	0
CONTIG-060016	134	2	4	7	0
CONTIG-060019	123	3	5	13	0
CONTIG-060020	98	5	0	6	0
CONTIG-060021	192	13	25	92	2
CONTIG-060024	153	6	6	24	0
CONTIG-060025	83	4	2	2	0
CONTIG-060026	68	4	6	2	0
CONTIG-060027	271	11	2	110	0
CONTIG-060028	69	5	0	9	0
CONTIG-060029	62	6	3	0	0
CONTIG-060030	195	7	43	10	0
CONTIG-060031	70	5	13	0	0
CONTIG-060032	246	13	50	108	0
CONTIG-060033	81	8	5	21	0
CONTIG-060034	59	7	2	10	0
CONTIG-060035	92	6	9	7	0
CONTIG-060036	124	5	14	6	0
CONTIG-060037	96	11	6	21	0
CONTIG-060038	304	14	10	155	0
CONTIG-060039	74	6	5	12	0
CONTIG-060040	357	12	31	154	0
CONTIG-060041	103	6	8	14	0
CONTIG-060042	99	70	3	363	2
CONTIG-060043	474	13	5	0	29
CONTIG-060044	254	18	12	45	2
CONTIG-060045	143	6	27	21	0
CONTIG-060046	200	10	2	73	0
CONTIG-060047	141	4	0	22	0
CONTIG-060048	108	9	10	33	0
CONTIG-060049	88	5	4	11	0
CONTIG-060050	220	6	9	31	2
CONTIG-060051	100	4	2	9	0
CONTIG-060052	101	13	17	37	0
CONTIG-060056	161	9	23	26	0
CONTIG-060057	63	3	4	0	0
CONTIG-060058	106	15	22	52	0
CONTIG-060059	289	8	37	64	0
CONTIG-060060	150	15	0	116	2
CONTIG-060061	147	37	19	150	0

CONTIG-060062	65	5	5	7	0
CONTIG-060063	164	6	2	31	0
CONTIG-060064	77	5	4	7	0
CONTIG-060065	101	6	0	16	0
CONTIG-060068	84	54	15	203	6
CONTIG-060069	364	11	34	100	0
CONTIG-060070	122	4	5	8	0
CONTIG-060071	200	8	6	41	4
CONTIG-060072	74	4	0	2	0
CONTIG-060073	130	6	6	23	0
CONTIG-060075	136	5	0	11	0
CONTIG-060078	204	9	15	57	0
CONTIG-060079	116	3	5	6	0
CONTIG-060080	311	21	32	125	0
CONTIG-060081	165	4	11	14	0
CONTIG-060085	274	14	16	99	2
CONTIG-060089	91	10	0	23	0
CONTIG-060090	169	7	4	43	0
CONTIG-060091	191	4	0	22	0
CONTIG-060092	86	4	5	7	0
CONTIG-060093	286	6	14	17	0
CONTIG-060094	163	7	13	36	0
CONTIG-060095	154	5	5	26	0
CONTIG-060096	237	9	23	51	0
CONTIG-060097	99	7	0	8	2
CONTIG-060098	81	3	2	5	0
CONTIG-060099	109	4	0	23	0
CONTIG-060100	128	11	2	55	0
CONTIG-060101	386	9	10	104	2
CONTIG-060102	77	8	9	15	0
CONTIG-060103	140	6	12	13	0
CONTIG-060104	619	11	9	218	6
CONTIG-060105	106	7	3	24	0
CONTIG-060106	70	4	3	5	0
CONTIG-060107	150	10	13	49	0
CONTIG-060108	250	8	13	52	0
CONTIG-060109	167	6	22	26	0
CONTIG-060112	86	10	18	22	0
CONTIG-060113	115	7	2	22	0
CONTIG-060116	402	13	24	213	0
CONTIG-060117	347	8	4	62	2
CONTIG-060118	358	17	31	205	2
CONTIG-060119	115	10	0	20	0
CONTIG-060120	190	8	4	55	0
CONTIG-060121	304	10	29	69	0
CONTIG-060122	145	8	10	44	0
CONTIG-060123	251	6	9	6	0

CONTIG-060124	59	5	6	13	0
CONTIG-060125	163	6	6	20	0
CONTIG-060126	60	3	2	4	0
CONTIG-060127	103	6	11	3	0
CONTIG-060128	186	14	2	117	2
CONTIG-060129	95	4	2	0	0
CONTIG-060130	361	8	6	104	0
CONTIG-060131	85	2	0	2	0
CONTIG-060132	136	7	7	16	0
CONTIG-060133	159	9	0	43	2
CONTIG-060134	129	4	0	16	0
CONTIG-060135	96	3	0	4	0
CONTIG-060136	186	7	22	37	0
CONTIG-060137	61	16	15	25	0
CONTIG-060138	375	59	19	1214	2
CONTIG-060139	78	4	9	5	0
CONTIG-060140	291	5	28	31	0
CONTIG-060141	104	13	8	41	4
CONTIG-060142	89	8	5	8	0
CONTIG-060143	83	6	2	17	0
CONTIG-060144	108	7	3	17	0
CONTIG-060146	158	18	41	38	0
CONTIG-060147	85	6	6	0	0
CONTIG-060148	126	8	4	28	2
CONTIG-060151	69	14	4	17	0
CONTIG-060153	263	8	2	70	0
CONTIG-060156	243	11	4	79	2
CONTIG-060158	79	10	15	11	0
CONTIG-060159	102	5	5	4	0
CONTIG-060160	103	6	8	35	0
CONTIG-060162	331	11	15	68	4
CONTIG-060163	124	8	2	31	2
CONTIG-060164	88	24	31	85	0
CONTIG-060165	58	5	0	9	0
CONTIG-060166	68	4	2	0	0
CONTIG-060167	141	12	22	69	0
CONTIG-060168	93	5	0	12	0
CONTIG-060169	298	7	4	77	0
CONTIG-060170	77	7	3	8	0
CONTIG-060171	87	5	3	2	0
CONTIG-060178	271	11	11	51	2
CONTIG-060179	75	3	3	5	0
CONTIG-060180	282	18	47	204	0
CONTIG-060181	177	7	0	9	4
CONTIG-060182	470	15	61	246	6
CONTIG-060183	76	5	4	4	2
CONTIG-060185	154	4	3	8	0

CONTIG-060186	414	10	20	86	0
CONTIG-060187	601	58	10	0	244
CONTIG-060188	301	9	8	78	4
CONTIG-060189	67	4	0	2	0
CONTIG-060190	577	12	11	135	2
CONTIG-060191	74	6	9	8	0
CONTIG-060192	98	29	66	86	0
CONTIG-060193	122	18	12	107	0
CONTIG-060194	60	9	0	22	0
CONTIG-060195	113	5	2	12	0
CONTIG-060197	152	12	36	42	0
CONTIG-060198	303	8	13	53	0
CONTIG-060199	348	5	7	72	0
CONTIG-060200	99	8	16	22	0
CONTIG-060201	215	7	3	47	2
CONTIG-060202	396	10	26	87	0
CONTIG-060203	242	7	10	76	0
CONTIG-060204	66	5	6	3	0
CONTIG-060205	89	6	2	0	0
CONTIG-060206	130	7	0	18	0
CONTIG-060207	64	11	41	11	0
CONTIG-060208	174	8	2	26	0
CONTIG-060209	217	7	0	52	0
CONTIG-060211	61	3	0	2	0
CONTIG-060212	108	23	35	99	0
CONTIG-060213	599	14	0	0	50
CONTIG-060220	92	88	3	21	0
CONTIG-060221	110	4	8	6	0
CONTIG-060222	101	4	3	7	0
CONTIG-060223	155	11	16	58	2
CONTIG-060224	156	26	12	194	0
CONTIG-060225	85	8	2	25	0
CONTIG-060226	263	7	7	56	0
CONTIG-060227	76	10	2	16	0
CONTIG-060228	157	6	7	25	0
CONTIG-060229	129	4	6	16	0
CONTIG-060230	72	3	0	5	0
CONTIG-060231	302	21	6	266	4
CONTIG-060232	112	2	0	0	0
CONTIG-060233	70	5	3	8	0
CONTIG-060234	84	6	6	18	0
CONTIG-060235	109	8	4	41	0
CONTIG-060236	103	7	0	21	0
CONTIG-060237	219	6	3	31	0
CONTIG-060238	278	7	15	72	0
CONTIG-060239	122	5	2	23	0
CONTIG-060240	161	7	9	36	0

CONTIG-060241	84	5	0	10	0
CONTIG-060242	83	7	2	8	0
CONTIG-060243	79	12	28	0	0
CONTIG-060244	118	4	10	15	0
CONTIG-060245	74	3	13	0	0
CONTIG-060247	224	5	8	2	0
CONTIG-060249	276	10	30	96	0
CONTIG-060250	145	9	5	39	0
CONTIG-060251	129	10	28	31	0
CONTIG-060252	235	8	18	38	2
CONTIG-060253	71	7	7	3	0
CONTIG-060255	99	6	10	14	0
CONTIG-060256	183	7	6	40	0
CONTIG-060259	194	7	12	54	0
CONTIG-060260	65	9	26	8	0
CONTIG-060261	342	12	10	142	2
CONTIG-060262	167	13	21	54	0
CONTIG-060263	179	7	8	23	0
CONTIG-060264	116	7	0	24	0
CONTIG-060266	74	18	14	22	2
CONTIG-060268	411	10	10	133	0
CONTIG-060269	238	16	37	121	0
CONTIG-060270	90	8	4	2	0
CONTIG-060271	59	12	6	20	0
CONTIG-060272	84	4	2	7	0
CONTIG-060273	176	9	23	20	3
CONTIG-060274	65	12	4	26	2
CONTIG-060275	219	8	6	57	2
CONTIG-060276	125	6	13	11	0
CONTIG-060277	78	16	8	51	0
CONTIG-060279	67	12	10	12	0
CONTIG-060280	110	5	0	0	0
CONTIG-060281	93	6	2	10	0
CONTIG-060282	85	4	3	2	0
CONTIG-060283	180	9	8	71	0
CONTIG-060284	223	9	5	68	0
CONTIG-060285	199	13	3	4	0
CONTIG-060286	70	5	4	9	0
CONTIG-060287	237	10	11	54	0
CONTIG-060288	176	8	18	44	0
CONTIG-060289	151	6	18	7	0
CONTIG-060291	62	5	3	9	0
CONTIG-060292	874	11	20	169	21
CONTIG-060293	57	572	0	1826	0
CONTIG-060295	138	6	2	37	0
CONTIG-060296	62	6	3	0	0
CONTIG-060297	105	5	0	0	0

CONTIG-060298	145	7	24	9	0
CONTIG-060299	286	7	2	90	0
CONTIG-060300	144	9	5	48	0
CONTIG-060301	72	9	4	25	2
CONTIG-060302	618	22	22	597	0
CONTIG-060303	199	6	6	46	0
CONTIG-060304	86	14	9	42	0
CONTIG-060305	141	4	5	14	0
CONTIG-060306	85	4	0	2	0
CONTIG-060307	89	6	0	0	0
CONTIG-060308	254	7	2	57	0
CONTIG-060309	74	3	5	0	0
CONTIG-060310	180	7	8	45	0
CONTIG-060311	116	4	3	16	0
CONTIG-060312	280	6	20	47	0
CONTIG-060313	470	9	15	74	0
CONTIG-060314	76	18	3	21	0
CONTIG-060315	130	35	24	206	0
CONTIG-060317	86	280	3	2	389
CONTIG-060320	80	7	2	22	0
CONTIG-060322	183	9	11	44	0
CONTIG-060323	99	2	0	5	0
CONTIG-060324	136	5	6	6	0
CONTIG-060325	105	6	5	17	0
CONTIG-060326	329	13	16	196	0
CONTIG-060327	740	13	14	341	4
CONTIG-060328	250	7	2	55	0
CONTIG-060329	219	6	2	25	0
CONTIG-060330	315	12	18	119	0
CONTIG-060331	70	4	2	4	0
CONTIG-060332	76	4	0	5	2
CONTIG-060333	63	5	0	6	0
CONTIG-060334	69	7	3	2	0
CONTIG-060335	74	9	12	11	0
CONTIG-060336	66	2	4	2	0
CONTIG-060337	80	4	4	11	0
CONTIG-060338	91	4	5	6	0
CONTIG-060339	61	8	0	5	0
CONTIG-060340	195	12	23	92	0
CONTIG-060341	168	5	5	16	0
CONTIG-060344	276	5	4	26	0
CONTIG-060345	78	4	2	8	0
CONTIG-060346	72	13	10	29	0
CONTIG-060348	82	7	0	10	0
CONTIG-060349	174	118	28	80	0
CONTIG-060350	148	10	7	39	2
CONTIG-060351	211	13	26	128	0

CONTIG-060352	66	11	0	19	0
CONTIG-060353	322	12	6	20	0
CONTIG-060354	352	7	7	137	0
CONTIG-060355	134	3	6	6	0
CONTIG-060356	222	18	32	207	0
CONTIG-060357	199	8	19	60	0
CONTIG-060358	132	3	0	7	0
CONTIG-060359	183	8	9	43	0
CONTIG-060360	226	10	9	99	0
CONTIG-060361	72	21	8	54	0
CONTIG-060362	63	5	8	8	0
CONTIG-060363	68	8	9	20	0
CONTIG-060364	88	25	6	95	0
CONTIG-060365	204	10	19	52	4
CONTIG-060366	323	18	52	142	0
CONTIG-060367	138	7	6	27	0
CONTIG-060368	149	4	5	20	0
CONTIG-060369	97	2	2	6	0
CONTIG-060371	148	7	2	21	0
CONTIG-060372	108	7	8	21	0
CONTIG-060373	159	7	0	27	0
CONTIG-060374	86	8	5	14	0
CONTIG-060376	79	7	3	18	0
CONTIG-060377	144	10	15	52	2
CONTIG-060378	309	9	0	71	2
CONTIG-060379	64	5	9	2	0
CONTIG-060380	431	23	43	122	0
CONTIG-060381	211	8	3	46	2
CONTIG-060382	300	10	21	64	0
CONTIG-060383	150	7	0	32	0
CONTIG-060384	62	4	2	8	0
CONTIG-060385	271	10	23	102	0
CONTIG-060386	145	10	8	44	0
CONTIG-060388	91	6	0	2	0
CONTIG-060389	127	4	15	2	0
CONTIG-060390	62	5	7	3	0
CONTIG-060391	99	19	11	74	0
CONTIG-060392	73	4	0	0	0
CONTIG-060393	89	6	14	2	0
CONTIG-060394	372	9	14	97	2
CONTIG-060396	164	17	16	85	2
CONTIG-060397	72	25	11	77	0
CONTIG-060398	289	12	22	80	0
CONTIG-060399	131	7	5	19	0
CONTIG-060400	478	13	8	232	6
CONTIG-060401	66	5	5	4	0
CONTIG-060406	79	5	6	11	0

CONTIG-060407	122	4	6	2	0
CONTIG-060408	369	9	15	87	0
CONTIG-060409	374	7	24	23	2
CONTIG-060410	129	6	2	25	0
CONTIG-060411	99	3	2	0	0
CONTIG-060412	214	9	31	39	2
CONTIG-060415	275	4	4	30	0
CONTIG-060416	347	25	18	223	0
CONTIG-060417	73	2	3	2	0
CONTIG-060418	125	11	22	31	0
CONTIG-060419	133	5	0	0	0
CONTIG-060420	124	5	18	7	0
CONTIG-060421	352	12	20	186	0
CONTIG-060423	65	4	4	3	0
CONTIG-060424	238	8	14	15	0
CONTIG-060425	68	14	10	30	0
CONTIG-060426	91	10	6	19	0
CONTIG-060428	501	23	23	413	0
CONTIG-060429	155	3	0	16	0
CONTIG-060430	167	11	23	62	0
CONTIG-060431	79	42	11	159	2
CONTIG-060432	168	4	14	17	0
CONTIG-060433	101	5	0	4	0
CONTIG-060434	91	23	9	54	0
CONTIG-060435	64	64	7	131	0
CONTIG-060436	68	9	0	20	0
CONTIG-060440	636	12	42	176	2
CONTIG-060441	74	10	4	7	0
CONTIG-060442	119	6	16	6	0
CONTIG-060443	86	4	7	5	0
CONTIG-060444	288	9	4	56	6
CONTIG-060445	216	16	15	147	0
CONTIG-060447	164	957	18	6244	0
CONTIG-060448	102	9	8	34	0
CONTIG-060449	92	22	0	105	0
CONTIG-060450	129	6	5	22	0
CONTIG-060451	47	106	39	149	8
CONTIG-060452	72	7	8	7	0
CONTIG-060453	71	5	6	11	0
CONTIG-060454	93	5	11	0	0
CONTIG-060455	134	12	4	64	0
CONTIG-060456	143	7	3	26	0
CONTIG-060457	68	10	25	10	0
CONTIG-060458	63	2	0	5	0
CONTIG-060460	1203	24	14	931	0
CONTIG-060461	93	5	0	0	2
CONTIG-060462	115	28	58	121	2

CONTIG-060463	156	6	11	17	0
CONTIG-060464	190	7	24	39	0
CONTIG-060465	249	6	14	22	0
CONTIG-060466	93	7	5	17	0
CONTIG-060468	180	7	19	61	0
CONTIG-060469	62	15	0	50	0
CONTIG-060476	110	5	2	10	0
CONTIG-060477	146	9	2	39	0
CONTIG-060478	149	7	9	28	0
CONTIG-060479	182	7	2	30	0
CONTIG-060480	132	6	3	24	0
CONTIG-060483	264	13	19	154	0
CONTIG-060484	73	4	3	9	0
CONTIG-060487	116	7	12	24	2
CONTIG-060488	117	4	2	11	0
CONTIG-060489	86	14	6	0	33
CONTIG-060491	330	41	61	383	27
CONTIG-060492	105	11	11	7	0
CONTIG-060493	210	10	17	51	2
CONTIG-060494	63	3	0	6	0
CONTIG-060495	71	5	3	11	0
CONTIG-060496	68	3	4	2	0
CONTIG-060498	82	17	3	17	0
CONTIG-060499	71	16	2	19	0
CONTIG-060501	66	3	14	4	0
CONTIG-060502	106	11	23	46	0
CONTIG-060503	83	7	4	8	0
CONTIG-060504	336	7	19	12	0
CONTIG-060506	154	10	36	23	2
CONTIG-060507	243	7	6	57	0
CONTIG-060509	72	3	2	0	0
CONTIG-060513	97	3	0	4	0
CONTIG-060514	85	5	2	10	0
CONTIG-060515	359	190	15	67	0
CONTIG-060516	276	125	0	0	134
CONTIG-060517	90	3	0	8	0
CONTIG-060518	213	6	4	33	0
CONTIG-060519	132	7	6	25	0
CONTIG-060520	70	4	0	11	0
CONTIG-060521	59	8	3	17	0
CONTIG-060522	124	5	6	2	0
CONTIG-060523	106	5	5	6	0
CONTIG-060524	72	4	0	12	0
CONTIG-060525	298	8	6	80	0
CONTIG-060526	138	7	8	21	0
CONTIG-060532	403	7	5	107	0
CONTIG-060533	95	6	8	6	0

CONTIG-060534	228	5	3	37	0
CONTIG-060535	131	13	9	78	0
CONTIG-060536	184	9	2	44	0
CONTIG-060537	270	11	9	49	0
CONTIG-060538	84	6	4	6	0
CONTIG-060539	354	11	6	136	0
CONTIG-060542	60	2	0	4	0
CONTIG-060544	334	10	14	92	0
CONTIG-060545	75	3	4	0	0
CONTIG-060546	73	20	0	70	0
CONTIG-060547	123	4	4	12	0
CONTIG-060548	84	4	9	5	0
CONTIG-060549	215	9	8	75	0
CONTIG-060550	101	6	9	6	0
CONTIG-060551	59	8	14	8	0
CONTIG-060552	189	16	13	158	0
CONTIG-060553	72	8	4	28	0
CONTIG-060554	93	4	3	15	0
CONTIG-060555	257	9	11	79	2
CONTIG-060560	313	13	51	44	4
CONTIG-060561	149	8	17	37	0
CONTIG-060562	1074	27	46	158	0
CONTIG-060563	403	9	21	114	0
CONTIG-060564	142	8	9	29	0
CONTIG-060565	183	26	10	280	0
CONTIG-060566	186	5	0	0	0
CONTIG-060567	66	7	11	11	0
CONTIG-060568	116	6	4	4	0
CONTIG-060569	71	13	6	44	0
CONTIG-060574	256	6	0	22	0
CONTIG-060575	118	11	17	49	0
CONTIG-060576	405	8	14	82	0
CONTIG-060577	301	17	5	0	23
CONTIG-060578	124	8	10	20	0
CONTIG-060579	67	4	0	0	0
CONTIG-060580	130	15	9	65	0
CONTIG-060581	156	5	0	21	0
CONTIG-060582	90	11	10	31	0
CONTIG-060583	100	5	2	11	0
CONTIG-060584	72	8	9	0	0
CONTIG-060585	185	8	4	0	2
CONTIG-060586	179	7	5	50	0
CONTIG-060587	150	9	25	31	0
CONTIG-060588	70	9	8	15	0
CONTIG-060589	86	9	17	2	2
CONTIG-060590	184	11	12	59	0
CONTIG-060591	227	8	11	62	0

CONTIG-060593	267	11	26	77	8
CONTIG-060594	58	5	0	6	0
CONTIG-060595	94	12	9	30	2
CONTIG-060596	280	9	28	69	0
CONTIG-060597	70	4	2	2	0
CONTIG-060598	194	5	15	28	0
CONTIG-060599	62	5	2	9	0
CONTIG-060600	185	7	5	44	2
CONTIG-060601	76	4	4	16	0
CONTIG-060602	192	23	21	198	2
CONTIG-060603	232	12	38	44	0
CONTIG-060604	203	8	18	66	0
CONTIG-060605	96	18	17	49	0
CONTIG-060606	267	9	0	42	4
CONTIG-060607	66	5	11	0	0
CONTIG-060608	171	10	26	29	7
CONTIG-060611	116	16	6	75	2
CONTIG-060612	152	16	7	80	0
CONTIG-060613	103	8	9	24	0
CONTIG-060614	139	6	6	23	0
CONTIG-060615	105	4	3	9	0
CONTIG-060616	117	9	14	33	0
CONTIG-060617	49	201	27	362	0
CONTIG-060618	72	6	4	19	0
CONTIG-060619	207	4	6	12	0
CONTIG-060620	137	4	3	11	0
CONTIG-060621	263	7	14	49	0
CONTIG-060622	81	5	5	10	0
CONTIG-060623	69	8	2	16	0
CONTIG-060624	200	7	5	52	2
CONTIG-060627	173	12	4	65	2
CONTIG-060628	274	16	6	146	4
CONTIG-060629	144	7	4	35	0
CONTIG-060633	105	8	17	21	0
CONTIG-060635	226	6	0	30	0
CONTIG-060636	62	5	11	0	0
CONTIG-060637	78	7	2	18	0
CONTIG-060638	97	9	3	8	0
CONTIG-060639	58	2	2	0	0
CONTIG-060640	53	42	2	31	0
CONTIG-060641	72	5	4	2	0
CONTIG-060642	156	8	11	40	0
CONTIG-060643	207	8	25	28	2
CONTIG-060644	92	8	2	21	0
CONTIG-060645	230	6	2	42	0
CONTIG-060646	118	9	9	20	0
CONTIG-060647	147	4	15	20	0

CONTIG-060648	117	5	0	6	0
CONTIG-060649	119	8	13	18	0
CONTIG-060650	48	32	6	17	2
CONTIG-060652	157	12	34	56	0
CONTIG-060653	249	16	3	37	16
CONTIG-060654	237	10	5	71	6
CONTIG-060655	110	3	11	6	0
CONTIG-060656	68	5	7	0	0
CONTIG-060657	74	4	4	5	0
CONTIG-060658	59	5	3	6	0
CONTIG-060659	70	4	2	2	0
CONTIG-060662	333	7	25	83	0
CONTIG-060664	81	10	3	0	0
CONTIG-060665	204	4	5	20	0
CONTIG-060666	81	12	16	30	0
CONTIG-060667	101	9	8	27	0
CONTIG-060668	157	10	4	29	2
CONTIG-060669	555	21	29	514	0
CONTIG-060670	127	5	4	12	2
CONTIG-060671	126	18	29	95	0
CONTIG-060672	105	7	14	12	0
CONTIG-060673	189	5	0	20	0
CONTIG-060674	251	7	4	14	0
CONTIG-060675	112	8	5	36	0
CONTIG-060676	63	3	2	2	0
CONTIG-060677	61	5	6	4	0
CONTIG-060678	63	4	7	7	0
CONTIG-060679	196	7	8	4	0
CONTIG-060680	340	32	20	333	2
CONTIG-060681	123	5	4	17	0
CONTIG-060682	134	5	4	23	0
CONTIG-060683	336	7	20	78	0
CONTIG-060684	498	20	33	465	2
CONTIG-060685	60	35	38	6	0
CONTIG-060686	77	8	15	11	0
CONTIG-060687	114	5	2	5	0
CONTIG-060688	98	5	10	13	0
CONTIG-060689	78	33	27	35	0
CONTIG-060690	91	7	4	15	0
CONTIG-060691	947	38	22	2229	0
CONTIG-060692	85	9	6	20	0
CONTIG-060693	74	6	0	12	0
CONTIG-060694	89	43	15	183	0
CONTIG-060695	60	17	4	25	0
CONTIG-060696	232	9	4	57	0
CONTIG-060697	106	8	6	30	0
CONTIG-060698	76	9	18	17	0

CONTIG-060699	272	8	27	69	0
CONTIG-060700	94	11	22	25	0
CONTIG-060701	86	10	26	0	13
CONTIG-060702	105	10	3	5	0
CONTIG-060703	59	4	0	7	0
CONTIG-060704	62	8	5	18	0
CONTIG-060705	109	5	2	4	0
CONTIG-060706	354	25	12	45	0
CONTIG-060707	183	8	3	46	0
CONTIG-060708	142	9	15	65	0
CONTIG-060709	170	6	9	14	0
CONTIG-060710	202	5	6	8	0
CONTIG-060711	151	11	0	55	2
CONTIG-060712	118	4	3	9	0
CONTIG-060713	82	3	2	0	0
CONTIG-060714	187	9	7	56	0
CONTIG-060715	161	9	10	72	0
CONTIG-060716	271	13	98	87	0
CONTIG-060717	558	16	75	425	0
CONTIG-060718	337	7	4	82	0
CONTIG-060719	61	18	25	2	0
CONTIG-060720	108	5	11	7	0
CONTIG-060721	198	8	17	39	0
CONTIG-060722	203	7	0	0	0
CONTIG-060723	95	11	7	23	0
CONTIG-060724	109	3	3	4	0
CONTIG-060725	187	14	22	59	0
CONTIG-060726	117	6	3	0	0
CONTIG-060727	198	6	2	25	0
CONTIG-060728	76	3	2	0	0
CONTIG-060729	199	9	29	56	0
CONTIG-060730	263	12	24	85	0
CONTIG-060731	65	2	0	0	0
CONTIG-060732	133	11	6	22	0
CONTIG-060733	364	11	23	146	0
CONTIG-060734	71	4	3	2	0
CONTIG-060736	95	14	2	36	0
CONTIG-060737	182	4	8	22	0
CONTIG-060738	159	11	5	38	4
CONTIG-060739	80	65	6	134	8
CONTIG-060740	152	8	0	41	0
CONTIG-060741	133	11	6	43	2
CONTIG-060742	264	8	0	58	0
CONTIG-060743	99	10	11	4	12
CONTIG-060744	63	3	0	0	0
CONTIG-060745	282	12	7	134	0
CONTIG-060746	163	7	7	32	0

CONTIG-060747	148	20	18	75	0
CONTIG-060748	116	11	15	43	0
CONTIG-060749	82	3	2	5	0
CONTIG-060754	324	17	41	172	0
CONTIG-060755	102	14	25	62	0
CONTIG-060756	237	16	21	52	0
CONTIG-060757	148	8	0	34	0
CONTIG-060758	271	9	0	0	14
CONTIG-060759	73	9	2	26	0
CONTIG-060760	177	29	8	3	0
CONTIG-060761	98	5	3	7	0
CONTIG-060762	156	28	23	103	2
CONTIG-060763	123	8	5	33	0
CONTIG-060764	58	6	0	11	0
CONTIG-060765	106	5	3	7	0
CONTIG-060768	61	5	14	7	0
CONTIG-060769	89	6	8	4	0
CONTIG-060770	105	2	3	4	0
CONTIG-060771	103	11	16	38	0
CONTIG-060774	85	5	4	7	0
CONTIG-060775	87	6	6	7	0
CONTIG-060776	262	7	0	36	0
CONTIG-060777	200	8	18	34	0
CONTIG-060779	67	3	7	0	0
CONTIG-060780	153	4	8	4	0
CONTIG-060781	162	19	4	0	6
CONTIG-060785	113	7	9	29	0
CONTIG-060786	74	6	3	5	0
CONTIG-060787	102	4	4	12	0
CONTIG-060788	94	6	11	2	0
CONTIG-060789	498	27	17	81	0
CONTIG-060790	475	29	14	746	0
CONTIG-060791	62	4	6	8	0
CONTIG-060792	191	10	8	46	2
CONTIG-060793	105	6	6	11	0
CONTIG-060794	62	29	23	80	2
CONTIG-060795	70	8	21	11	0
CONTIG-060796	72	12	2	12	0
CONTIG-060797	220	10	9	20	0
CONTIG-060798	73	2	0	0	0
CONTIG-060799	192	5	11	4	0
CONTIG-060800	61	8	12	15	0
CONTIG-060801	188	7	12	34	0
CONTIG-060802	95	6	8	11	0
CONTIG-060803	62	10	5	21	0
CONTIG-060804	64	4	3	6	0
CONTIG-060805	122	5	11	11	0

CONTIG-060806	86	6	5	15	0
CONTIG-060807	156	3	10	9	0
CONTIG-060808	95	4	0	9	0
CONTIG-060809	152	11	16	56	0
CONTIG-060810	87	6	6	15	0
CONTIG-060811	66	9	16	5	0
CONTIG-060812	130	9	0	55	0
CONTIG-060813	137	11	27	39	0
CONTIG-060814	81	5	2	16	0
CONTIG-060815	136	7	0	23	0
CONTIG-060816	115	5	2	16	0
CONTIG-060817	133	16	30	60	2
CONTIG-060818	124	55	21	388	3
CONTIG-060819	158	22	23	16	0
CONTIG-060820	98	16	0	48	2
CONTIG-060821	133	5	3	18	0
CONTIG-060826	195	8	16	33	0
CONTIG-060827	208	10	6	35	2
CONTIG-060828	225	8	2	24	0
CONTIG-060829	114	7	10	17	0
CONTIG-060830	172	7	9	43	0
CONTIG-060831	171	6	5	38	0
CONTIG-060832	134	23	7	100	4
CONTIG-060833	88	3	0	11	0
CONTIG-060834	112	11	9	28	0
CONTIG-060835	498	12	0	0	19
CONTIG-060836	121	5	2	14	0
CONTIG-060837	291	10	0	0	6
CONTIG-060838	147	5	10	21	0
CONTIG-060839	384	11	12	114	0
CONTIG-060840	438	13	12	134	0
CONTIG-060841	95	7	39	0	0
CONTIG-060842	482	16	2	31	0
CONTIG-060843	135	5	3	27	0
CONTIG-060844	305	38	10	0	0
CONTIG-060845	282	12	12	6	2
CONTIG-060846	76	5	4	14	0
CONTIG-060854	71	4	3	10	0
CONTIG-060855	83	5	4	3	0
CONTIG-060856	157	7	30	20	0
CONTIG-060857	122	8	5	40	2
CONTIG-060858	193	15	14	82	0
CONTIG-060859	115	9	2	33	0
CONTIG-060860	223	10	8	20	2
CONTIG-060861	83	5	2	16	0
CONTIG-060862	110	6	15	2	0
CONTIG-060863	198	12	0	11	0

CONTIG-060864	102	5	13	9	0
CONTIG-060865	138	10	32	36	0
CONTIG-060866	227	9	6	43	0
CONTIG-060867	286	12	29	140	0
CONTIG-060868	73	8	5	14	0
CONTIG-060869	129	38	6	16	0
CONTIG-060870	68	10	2	15	0
CONTIG-060871	342	7	21	81	0
CONTIG-060872	76	2	0	0	0
CONTIG-060873	309	26	8	374	9
CONTIG-060874	174	10	7	45	0
CONTIG-060875	74	14	6	41	0
CONTIG-060877	87	5	0	2	0
CONTIG-060878	123	17	7	82	0
CONTIG-060879	95	6	15	2	0
CONTIG-060882	80	5	8	11	0
CONTIG-060883	58	8	6	18	0
CONTIG-060884	70	16	7	21	0
CONTIG-060885	356	7	4	80	2
CONTIG-060886	196	7	4	41	4
CONTIG-060887	169	6	5	39	0
CONTIG-060888	92	7	3	16	0
CONTIG-060889	168	15	14	102	0
CONTIG-060890	124	10	9	16	0
CONTIG-060891	84	7	37	0	0
CONTIG-060892	102	7	4	10	0
CONTIG-060893	86	5	0	4	0
CONTIG-060894	58	2	2	2	0
CONTIG-060895	88	11	11	21	0
CONTIG-060896	60	9	0	18	0
CONTIG-060897	168	14	14	106	0
CONTIG-060898	126	8	11	0	2
CONTIG-060899	147	3	2	17	0
CONTIG-060900	73	9	7	28	0
CONTIG-060901	74	48	7	25	0
CONTIG-060902	132	4	2	16	0
CONTIG-060905	253	41	38	380	4
CONTIG-060906	79	10	11	28	0
CONTIG-060907	63	5	5	8	0
CONTIG-060908	61	4	0	4	0
CONTIG-060909	115	6	18	4	0
CONTIG-060910	219	11	2	71	0
CONTIG-060913	123	5	11	20	0
CONTIG-060914	141	6	9	18	0
CONTIG-060915	79	4	4	5	0
CONTIG-060916	135	27	0	98	0
CONTIG-060917	182	5	9	19	0

CONTIG-060918	207	5	15	21	0
CONTIG-060919	122	6	9	14	0
CONTIG-060920	324	8	40	65	0
CONTIG-060922	289	14	10	21	0
CONTIG-060923	70	3	5	4	0
CONTIG-060924	218	10	4	68	0
CONTIG-060928	108	18	16	70	2
CONTIG-060929	76	3	0	3	0
CONTIG-060930	112	8	2	17	0
CONTIG-060931	142	6	17	13	0
CONTIG-060932	145	8	0	31	0
CONTIG-060933	98	5	13	4	0
CONTIG-060934	213	10	8	36	8
CONTIG-060935	77	6	8	6	0
CONTIG-060937	831	14	8	8	319
CONTIG-060938	118	7	14	19	0
CONTIG-060939	693	14	19	102	3
CONTIG-060940	283	8	26	55	0
CONTIG-060941	59	7	9	7	0
CONTIG-060943	89	8	4	12	0
CONTIG-060944	71	5	7	14	0
CONTIG-060945	333	105	2	0	430
CONTIG-060946	215	10	33	16	0
CONTIG-060951	130	4	0	11	0
CONTIG-060952	250	20	22	91	2
CONTIG-060954	469	8	6	19	0
CONTIG-060955	101	6	6	11	0
CONTIG-060956	182	11	3	65	0
CONTIG-060957	66	5	10	2	0
CONTIG-060958	98	4	3	11	0
CONTIG-060959	130	3	4	8	0
CONTIG-060960	69	5	3	10	2
CONTIG-060961	360	13	22	139	6
CONTIG-060962	76	5	3	4	0
CONTIG-060963	124	6	2	20	0
CONTIG-060964	74	5	8	12	0
CONTIG-060965	103	4	11	14	0
CONTIG-060966	174	8	24	27	0
CONTIG-060967	103	4	8	10	0
CONTIG-060968	71	4	4	4	0
CONTIG-060969	106	7	8	14	0
CONTIG-060970	62	25	10	72	0
CONTIG-060971	108	6	5	19	0
CONTIG-060972	195	11	18	51	0
CONTIG-060973	146	7	19	25	0
CONTIG-060974	79	4	0	13	0
CONTIG-060975	77	5	2	16	0

CONTIG-060976	92	10	4	30	0
CONTIG-060977	260	21	16	301	0
CONTIG-060978	203	9	7	80	0
CONTIG-060979	93	5	4	10	0
CONTIG-060980	64	5	2	7	0
CONTIG-060983	182	8	5	26	3
CONTIG-060984	122	12	13	49	0
CONTIG-060985	455	17	42	118	2
CONTIG-060986	252	7	9	24	0
CONTIG-060987	259	30	25	235	2
CONTIG-060988	76	4	0	9	0
CONTIG-060989	58	23	33	33	0
CONTIG-060990	380	9	24	107	0
CONTIG-060991	126	7	0	33	0
CONTIG-060992	68	4	6	0	0
CONTIG-060993	108	12	2	50	0
CONTIG-060994	114	6	4	12	0
CONTIG-060995	147	9	6	53	2
CONTIG-060996	76	4	5	8	0
CONTIG-060997	69	3	0	5	0
CONTIG-060998	72	4	0	6	0
CONTIG-060999	268	15	13	97	0
CONTIG-061000	68	10	2	22	0
CONTIG-061001	221	8	2	56	2
CONTIG-061003	134	5	44	4	0
CONTIG-061004	195	6	3	37	0
CONTIG-061005	283	9	2	7	0
CONTIG-061006	113	6	18	9	0
CONTIG-061007	75	4	2	8	0
CONTIG-061008	441	8	13	134	0
CONTIG-061009	129	7	5	25	0
CONTIG-061010	67	5	2	14	0
CONTIG-061011	84	4	2	6	0
CONTIG-061012	72	5	12	5	0
CONTIG-061013	79	4	6	2	0
CONTIG-061014	70	4	6	2	0
CONTIG-061015	58	27	13	46	0
CONTIG-061016	90	8	7	2	2
CONTIG-061017	75	10	5	36	0
CONTIG-061018	67	8	10	15	0
CONTIG-061019	60	5	7	7	0
CONTIG-061020	92	6	7	11	0
CONTIG-061021	71	6	2	16	0
CONTIG-061023	188	16	44	121	0
CONTIG-061024	58	6	10	5	0
CONTIG-061025	40	146	4	236	0
CONTIG-061026	63	16	4	19	0

CONTIG-061027	142	4	0	8	0
CONTIG-061028	103	5	2	11	2
CONTIG-061029	64	7	4	16	0
CONTIG-061030	162	31	105	123	4
CONTIG-061031	58	12	41	4	0
CONTIG-061032	264	11	12	62	3
CONTIG-061033	140	6	5	27	0
CONTIG-061035	245	9	14	46	0
CONTIG-061036	78	4	7	7	0
CONTIG-061038	120	5	6	19	0
CONTIG-061039	267	9	22	89	0
CONTIG-061040	76	6	0	11	0
CONTIG-061041	256	15	26	152	0
CONTIG-061042	184	9	16	50	2
CONTIG-061043	143	8	13	40	0
CONTIG-061044	165	8	11	41	0
CONTIG-061045	246	8	22	60	0
CONTIG-061046	267	9	9	92	0
CONTIG-061048	103	7	5	21	0
CONTIG-061049	130	4	3	15	0
CONTIG-061051	130	5	2	12	0
CONTIG-061055	78	16	4	40	2
CONTIG-061056	61	4	10	2	0
CONTIG-061057	156	10	8	21	0
CONTIG-061058	126	9	2	25	0
CONTIG-061060	89	9	8	25	0
CONTIG-061061	162	9	3	33	4
CONTIG-061062	60	6	0	4	0
CONTIG-061063	143	6	5	32	0
CONTIG-061064	82	3	2	6	0
CONTIG-061065	109	6	5	21	0
CONTIG-061066	64	3	2	0	0
CONTIG-061067	210	18	4	28	0
CONTIG-061068	116	6	2	15	0
CONTIG-061069	102	15	29	0	0
CONTIG-061070	78	6	7	14	0
CONTIG-061071	185	11	2	75	0
CONTIG-061072	80	5	5	6	0
CONTIG-061073	93	6	2	16	2
CONTIG-061074	110	8	4	26	0
CONTIG-061075	62	22	5	0	4
CONTIG-061076	79	10	0	27	0
CONTIG-061077	190	13	3	90	0
CONTIG-061078	536	15	29	233	0
CONTIG-061079	58	83	10	287	0
CONTIG-061081	97	6	6	7	2
CONTIG-061082	59	9	17	12	0

CONTIG-061083	142	7	12	27	0
CONTIG-061084	190	10	9	61	0
CONTIG-061085	87	3	2	2	0
CONTIG-061087	84	13	24	17	0
CONTIG-061088	142	5	10	10	0
CONTIG-061089	61	7	8	12	0
CONTIG-061090	97	4	7	7	0
CONTIG-061091	94	14	2	40	0
CONTIG-061092	70	17	8	6	0
CONTIG-061099	90	5	5	10	0
CONTIG-061100	201	5	2	26	0
CONTIG-061101	88	13	30	12	0
CONTIG-061102	173	10	10	65	0
CONTIG-061103	219	13	27	135	0
CONTIG-061104	585	12	11	238	0
CONTIG-061105	73	5	3	10	0
CONTIG-061106	358	11	23	72	0
CONTIG-061107	59	82	17	184	0
CONTIG-061108	177	20	18	126	0
CONTIG-061110	81	5	9	8	0
CONTIG-061111	67	7	4	16	0
CONTIG-061112	174	5	5	18	0
CONTIG-061113	101	6	4	2	0
CONTIG-061114	96	9	5	30	0
CONTIG-061115	244	12	4	10	0
CONTIG-061116	72	2	2	0	0
CONTIG-061117	93	10	5	29	0
CONTIG-061118	154	5	3	29	0
CONTIG-061120	106	21	17	57	0
CONTIG-061121	69	6	9	10	2
CONTIG-061122	386	30	2	0	88
CONTIG-061123	68	4	2	0	0
CONTIG-061124	169	21	36	90	3
CONTIG-061125	69	9	3	9	0
CONTIG-061126	94	20	5	69	0
CONTIG-061128	139	350	17	1263	66
CONTIG-061130	79	5	4	7	0
CONTIG-061131	188	12	16	59	0
CONTIG-061132	414	16	19	324	0
CONTIG-061133	229	6	10	44	0
CONTIG-061134	75	13	10	32	0
CONTIG-061135	88	7	5	15	0
CONTIG-061136	346	16	21	174	2
CONTIG-061137	480	14	24	251	0
CONTIG-061138	190	12	2	63	2
CONTIG-061139	237	7	12	53	0
CONTIG-061141	120	99	11	502	0

CONTIG-061143	118	11	5	53	0
CONTIG-061144	72	4	16	0	0
CONTIG-061145	98	4	0	0	0
CONTIG-061146	169	5	7	20	0
CONTIG-061147	95	5	6	18	0
CONTIG-061148	87	12	2	30	2
CONTIG-061150	72	10	12	27	0
CONTIG-061151	75	6	3	23	0
CONTIG-061152	263	17	6	41	0
CONTIG-061153	501	16	37	288	6
CONTIG-061155	79	4	0	4	0
CONTIG-061156	323	7	5	0	8
CONTIG-061161	142	6	2	22	0
CONTIG-061162	67	4	6	0	0
CONTIG-061163	208	12	8	43	0
CONTIG-061164	98	8	3	16	0
CONTIG-061165	146	5	15	26	0
CONTIG-061166	155	5	16	0	4
CONTIG-061167	93	11	15	4	0
CONTIG-061168	168	10	10	33	0
CONTIG-061169	84	6	0	11	0
CONTIG-061170	158	14	2	113	0
CONTIG-061171	117	35	13	35	2
CONTIG-061172	315	56	46	212	15
CONTIG-061173	79	5	7	12	0
CONTIG-061174	149	7	10	36	0
CONTIG-061175	53	29	0	61	0
CONTIG-061176	146	7	8	13	0
CONTIG-061178	155	6	15	12	0
CONTIG-061179	103	11	76	11	0
CONTIG-061180	88	8	6	26	0
CONTIG-061181	58	2	2	0	0
CONTIG-061182	90	2	0	0	0
CONTIG-061183	241	11	16	8	0
CONTIG-061184	174	9	2	14	0
CONTIG-061185	249	7	2	11	0
CONTIG-061186	80	4	0	12	0
CONTIG-061187	104	5	9	10	0
CONTIG-061188	77	20	32	45	0
CONTIG-061189	95	3	2	8	0
CONTIG-061190	335	21	73	260	2
CONTIG-061191	89	30	25	113	0
CONTIG-061192	136	9	4	40	0
CONTIG-061193	167	9	12	54	0
CONTIG-061194	135	6	0	5	0
CONTIG-061195	77	5	16	2	0
CONTIG-061196	257	17	9	172	0

CONTIG-061197	99	9	2	26	0
CONTIG-061198	132	5	6	7	0
CONTIG-061199	233	8	9	43	0
CONTIG-061200	131	7	13	22	0
CONTIG-061201	81	5	2	8	0
CONTIG-061202	68	14	8	2	0
CONTIG-061203	91	3	0	6	0
CONTIG-061204	73	14	13	13	0
CONTIG-061205	91	12	5	28	0
CONTIG-061208	100	9	15	28	0
CONTIG-061209	95	15	0	34	0
CONTIG-061210	217	14	25	135	0
CONTIG-061211	286	10	10	98	4
CONTIG-061212	375	12	20	133	4
CONTIG-061213	271	19	27	137	6
CONTIG-061214	89	9	18	20	0
CONTIG-061215	479	11	15	150	0
CONTIG-061216	195	9	16	55	0
CONTIG-061217	79	23	18	55	4
CONTIG-061219	209	6	15	23	0
CONTIG-061220	201	12	29	66	0
CONTIG-061221	114	6	11	13	0
CONTIG-061222	123	2	0	2	0
CONTIG-061223	99	4	22	3	0
CONTIG-061226	175	15	13	106	2
CONTIG-061227	59	2	4	0	0
CONTIG-061228	363	10	5	68	0
CONTIG-061229	71	3	2	5	0
CONTIG-061230	148	6	2	24	0
CONTIG-061231	118	4	8	7	0
CONTIG-061232	64	5	6	6	0
CONTIG-061233	79	3	15	2	0
CONTIG-061234	81	6	2	15	0
CONTIG-061235	98	7	4	21	0
CONTIG-061237	84	2	0	2	0
CONTIG-061238	91	5	7	2	0
CONTIG-061240	204	10	21	43	0
CONTIG-061241	143	11	5	78	0
CONTIG-061242	249	13	22	159	0
CONTIG-061243	102	6	6	12	0
CONTIG-061244	86	4	6	6	0
CONTIG-061245	191	7	7	24	0
CONTIG-061246	119	6	23	0	0
CONTIG-061247	133	14	5	44	0
CONTIG-061248	382	12	24	88	0
CONTIG-061249	62	6	9	8	0
CONTIG-061250	264	8	5	0	0

CONTIG-061251	110	9	6	24	0
CONTIG-061252	295	12	6	101	0
CONTIG-061253	124	4	5	6	0
CONTIG-061254	174	5	5	17	0
CONTIG-061255	63	4	6	0	0
CONTIG-061256	111	7	14	2	0
CONTIG-061257	104	6	0	3	0
CONTIG-061258	108	9	8	29	0
CONTIG-061259	62	6	4	11	0
CONTIG-061260	107	5	3	10	0
CONTIG-061261	154	10	5	46	0
CONTIG-061262	61	5	0	6	0
CONTIG-061263	162	7	3	4	0
CONTIG-061264	260	10	4	71	0
CONTIG-061265	77	9	8	23	0
CONTIG-061266	67	4	0	7	0
CONTIG-061267	137	6	0	18	0
CONTIG-061269	60	3	0	2	0
CONTIG-061270	419	12	26	84	2
CONTIG-061271	78	7	3	11	0
CONTIG-061272	87	7	2	23	0
CONTIG-061273	239	8	14	48	0
CONTIG-061274	133	5	4	25	0
CONTIG-061275	190	8	10	36	2
CONTIG-061276	100	11	0	39	2
CONTIG-061277	112	11	12	46	0
CONTIG-061278	283	9	23	56	0
CONTIG-061279	271	7	19	43	0
CONTIG-061281	373	9	7	120	0
CONTIG-061282	71	4	5	0	0
CONTIG-061283	88	4	10	0	0
CONTIG-061284	89	5	6	11	0
CONTIG-061287	228	9	31	70	0
CONTIG-061288	69	5	8	4	0
CONTIG-061289	254	8	33	55	0
CONTIG-061290	87	5	9	9	0
CONTIG-061291	146	2	4	2	2
CONTIG-061292	90	7	0	24	0
CONTIG-061293	196	5	3	24	0
CONTIG-061294	197	8	0	0	0
CONTIG-061295	88	39	0	112	0
CONTIG-061296	126	7	6	20	0
CONTIG-061297	81	15	17	43	0
CONTIG-061298	281	10	9	31	0
CONTIG-061299	233	6	6	35	0
CONTIG-061300	191	6	7	13	0
CONTIG-061301	125	10	3	29	0

CONTIG-061302	281	15	14	128	4
CONTIG-061303	169	8	2	62	0
CONTIG-061304	185	35	12	62	0
CONTIG-061305	98	6	6	8	0
CONTIG-061306	201	12	18	66	2
CONTIG-061307	83	2	0	0	0
CONTIG-061308	230	10	8	52	0
CONTIG-061309	161	5	4	12	0
CONTIG-061310	255	8	4	62	0
CONTIG-061311	50	195	13	519	0
CONTIG-061312	86	4	3	13	0
CONTIG-061313	246	12	11	125	0
CONTIG-061314	176	7	2	15	0
CONTIG-061315	225	14	8	65	10
CONTIG-061318	70	5	2	6	0
CONTIG-061319	600	17	5	2	0
CONTIG-061320	113	9	11	19	0
CONTIG-061321	364	4	2	4	0
CONTIG-061322	106	13	2	71	0
CONTIG-061323	147	6	5	31	0
CONTIG-061324	91	2	0	2	0
CONTIG-061325	77	28	17	109	0
CONTIG-061326	113	8	2	18	0
CONTIG-061327	187	6	3	11	0
CONTIG-061328	81	4	3	6	0
CONTIG-061330	100	9	15	27	2
CONTIG-061331	99	6	6	15	0
CONTIG-061332	107	10	0	49	0
CONTIG-061333	88	12	5	53	0
CONTIG-061335	212	6	14	28	0
CONTIG-061336	70	7	2	7	4
CONTIG-061337	166	6	5	6	0
CONTIG-061339	202	20	3	188	0
CONTIG-061340	131	5	5	14	0
CONTIG-061341	78	22	7	51	2
CONTIG-061342	82	8	3	21	0
CONTIG-061344	228	8	16	47	0
CONTIG-061345	43	18	5	7	0
CONTIG-061346	154	5	4	11	0
CONTIG-061347	378	32	0	0	74
CONTIG-061353	158	10	19	29	0
CONTIG-061354	75	12	0	32	0
CONTIG-061355	143	4	0	10	0
CONTIG-061356	85	6	10	13	0
CONTIG-061357	117	5	0	5	0
CONTIG-061358	85	2	7	0	0
CONTIG-061359	70	8	2	6	0

CONTIG-061360	220	18	6	143	2
CONTIG-061361	73	4	11	2	0
CONTIG-061362	58	3	0	0	0
CONTIG-061364	408	13	16	218	0
CONTIG-061366	120	5	11	20	0
CONTIG-061367	211	18	60	109	0
CONTIG-061368	140	8	9	32	0
CONTIG-061369	93	7	12	12	0
CONTIG-061370	73	11	24	4	0
CONTIG-061371	199	5	5	31	0
CONTIG-061372	119	6	4	19	0
CONTIG-061374	104	19	20	61	2
CONTIG-061375	90	14	14	42	0
CONTIG-061376	63	5	4	4	0
CONTIG-061377	176	12	7	86	0
CONTIG-061378	130	4	8	12	2
CONTIG-061379	66	5	2	6	0
CONTIG-061380	108	5	7	8	0
CONTIG-061386	137	7	13	17	0
CONTIG-061387	243	9	6	66	0
CONTIG-061388	187	11	4	57	0
CONTIG-061389	345	10	34	90	0
CONTIG-061390	799	18	8	318	0
CONTIG-061391	385	6	2	0	21
CONTIG-061392	76	3	7	0	0
CONTIG-061393	114	6	0	13	0
CONTIG-061394	98	7	6	23	0
CONTIG-061395	133	19	14	14	2
CONTIG-061396	194	6	0	36	0
CONTIG-061397	95	10	30	0	0
CONTIG-061398	107	7	0	0	0
CONTIG-061399	67	13	5	12	0
CONTIG-061400	73	4	3	14	0
CONTIG-061401	388	29	22	311	22
CONTIG-061402	68	6	0	0	0
CONTIG-061403	67	3	2	5	0
CONTIG-061404	176	18	40	93	0
CONTIG-061405	297	13	19	140	0
CONTIG-061406	99	5	5	0	8
CONTIG-061407	86	9	22	0	0
CONTIG-061408	110	12	8	2	2
CONTIG-061409	165	6	0	0	2
CONTIG-061410	111	11	0	34	0
CONTIG-061411	105	56	27	232	0
CONTIG-061412	286	6	22	15	0
CONTIG-061413	84	6	6	9	0
CONTIG-061414	74	11	38	5	0

CONTIG-061415	201	10	7	108	0
CONTIG-061416	112	12	14	45	2
CONTIG-061417	120	4	4	4	0
CONTIG-061419	73	6	5	12	0
CONTIG-061421	140	7	8	38	2
CONTIG-061423	81	6	3	10	0
CONTIG-061424	69	9	8	18	0
CONTIG-061425	137	7	2	23	0
CONTIG-061426	117	6	6	11	0
CONTIG-061427	295	8	20	30	0
CONTIG-061428	285	15	7	23	2
CONTIG-061429	73	4	8	6	0
CONTIG-061430	226	7	6	59	0
CONTIG-061431	242	8	2	32	0
CONTIG-061432	69	3	4	4	0
CONTIG-061435	169	7	14	30	0
CONTIG-061439	114	7	2	25	0
CONTIG-061440	256	6	2	23	0
CONTIG-061441	157	9	13	20	0
CONTIG-061442	134	10	0	0	6
CONTIG-061443	81	8	5	28	0
CONTIG-061444	136	17	2	116	0
CONTIG-061445	296	9	9	56	0
CONTIG-061446	142	6	7	12	0
CONTIG-061447	489	12	11	254	0
CONTIG-061449	70	10	11	4	0
CONTIG-061450	103	10	10	38	0
CONTIG-061451	317	9	6	88	0
CONTIG-061454	61	5	8	2	0
CONTIG-061455	77	6	4	11	0
CONTIG-061456	72	3	0	4	0
CONTIG-061457	238	10	5	28	0
CONTIG-061458	75	4	11	7	0
CONTIG-061459	301	9	17	87	0
CONTIG-061460	100	8	2	30	0
CONTIG-061461	69	903	11	2410	0
CONTIG-061462	87	244	28	1119	0
CONTIG-061464	67	13	0	19	0
CONTIG-061465	692	14	52	377	8
CONTIG-061466	139	15	8	54	0
CONTIG-061467	104	3	3	8	0
CONTIG-061468	98	6	4	7	0
CONTIG-061469	75	85	5	359	0
CONTIG-061470	89	11	11	19	0
CONTIG-061473	391	11	11	96	0
CONTIG-061474	171	10	7	27	0
CONTIG-061475	66	10	29	8	0

CONTIG-061476	72	10	3	16	0
CONTIG-061477	212	16	13	96	0
CONTIG-061478	107	20	18	47	0
CONTIG-061479	392	13	13	108	0
CONTIG-061480	121	10	27	24	0
CONTIG-061481	160	9	13	31	0
CONTIG-061482	152	22	20	65	2
CONTIG-061483	231	5	16	34	0
CONTIG-061484	80	9	11	34	0
CONTIG-061485	160	7	9	26	0
CONTIG-061486	100	9	35	16	0
CONTIG-061487	58	3	0	4	0
CONTIG-061488	164	8	7	36	0
CONTIG-061489	543	19	39	222	0
CONTIG-061490	277	12	4	110	2
CONTIG-061491	454	16	11	361	0
CONTIG-061492	623	27	16	0	0
CONTIG-061494	77	4	4	2	0
CONTIG-061495	107	6	3	5	2
CONTIG-061496	90	18	3	89	0
CONTIG-061497	450	12	6	57	4
CONTIG-061498	138	35	14	299	0
CONTIG-061499	149	9	46	35	0
CONTIG-061500	239	14	4	40	0
CONTIG-061501	94	6	6	7	0
CONTIG-061502	64	7	2	17	0
CONTIG-061503	102	11	0	20	0
CONTIG-061504	58	3	2	0	0
CONTIG-061505	176	170	81	1880	0
CONTIG-061506	124	8	6	24	0
CONTIG-061507	132	8	4	45	0
CONTIG-061508	122	8	4	29	0
CONTIG-061509	74	3	0	2	0
CONTIG-061510	63	8	0	0	0
CONTIG-061511	124	6	12	6	0
CONTIG-061512	80	6	16	0	0
CONTIG-061515	272	8	39	33	0
CONTIG-061516	128	7	7	28	0
CONTIG-061517	400	14	39	123	11
CONTIG-061518	371	36	7	872	0
CONTIG-061519	300	8	6	71	0
CONTIG-061520	409	9	9	93	0
CONTIG-061521	145	5	6	10	0
CONTIG-061522	506	16	0	0	54
CONTIG-061523	68	6	11	8	0
CONTIG-061525	259	5	10	37	0
CONTIG-061526	251	12	11	109	4

CONTIG-061528	607	126	12	87	0
CONTIG-061529	171	9	6	31	0
CONTIG-061530	347	12	13	145	0
CONTIG-061531	125	6	25	19	0
CONTIG-061532	167	11	15	56	0
CONTIG-061533	79	12	3	33	0
CONTIG-061534	456	11	30	100	12
CONTIG-061536	299	5	6	38	0
CONTIG-061537	390	14	9	34	0
CONTIG-061538	68	10	12	15	0
CONTIG-061539	106	12	7	59	0
CONTIG-061540	134	4	6	12	0
CONTIG-061541	159	10	19	46	0
CONTIG-061542	73	7	10	12	0
CONTIG-061543	87	7	10	17	0
CONTIG-061544	215	9	10	52	0
CONTIG-061545	158	8	6	31	0
CONTIG-061546	265	17	21	143	2
CONTIG-061547	175	7	22	31	0
CONTIG-061548	147	12	12	30	0
CONTIG-061549	79	10	7	10	0
CONTIG-061550	38	244	14	259	0
CONTIG-061555	134	23	23	126	3
CONTIG-061556	249	5	4	30	0
CONTIG-061557	58	4	5	0	0
CONTIG-061558	111	7	16	4	0
CONTIG-061559	71	2	0	4	0
CONTIG-061560	75	5	2	15	0
CONTIG-061561	186	7	2	12	0
CONTIG-061562	62	5	0	0	0
CONTIG-061563	537	12	10	231	0
CONTIG-061564	236	7	13	41	0
CONTIG-061565	231	7	16	54	0
CONTIG-061567	113	7	9	22	0
CONTIG-061569	77	10	13	23	0
CONTIG-061571	302	11	21	75	0
CONTIG-061572	143	9	9	32	2
CONTIG-061573	83	3	0	2	0
CONTIG-061574	158	9	8	33	2
CONTIG-061575	70	7	10	5	0
CONTIG-061576	204	7	2	27	0
CONTIG-061577	538	13	16	236	2
CONTIG-061578	245	6	6	51	0
CONTIG-061579	84	11	25	17	0
CONTIG-061580	66	9	8	5	0
CONTIG-061581	127	3	0	9	0
CONTIG-061582	98	4	0	2	0

CONTIG-061583	84	9	0	39	0
CONTIG-061584	171	11	10	74	0
CONTIG-061585	715	21	10	629	0
CONTIG-061586	99	4	3	4	0
CONTIG-061587	75	9	9	17	0
CONTIG-061588	335	8	8	84	0
CONTIG-061589	265	5	13	31	0
CONTIG-061590	84	11	11	24	0
CONTIG-061591	95	9	0	36	0
CONTIG-061592	72	5	8	6	0
CONTIG-061593	70	12	2	16	0
CONTIG-061594	75	10	13	19	0
CONTIG-061595	79	4	3	7	0
CONTIG-061596	126	7	10	15	0
CONTIG-061597	71	19	46	0	0
CONTIG-061598	90	6	7	12	0
CONTIG-061599	63	21	10	2	0
CONTIG-061600	68	4	0	5	0
CONTIG-061601	150	6	5	37	0
CONTIG-061602	232	8	2	36	0
CONTIG-061603	86	6	2	21	0
CONTIG-061604	215	8	10	70	0
CONTIG-061605	175	13	8	107	0
CONTIG-061608	142	7	15	20	0
CONTIG-061609	132	14	16	76	0
CONTIG-061610	374	19	58	34	15
CONTIG-061611	96	8	0	21	0
CONTIG-061612	325	8	12	74	2
CONTIG-061613	96	4	2	9	0
CONTIG-061614	189	12	2	14	0
CONTIG-061615	79	3	2	3	0
CONTIG-061616	148	9	12	10	0
CONTIG-061617	371	12	16	98	2
CONTIG-061618	102	15	18	35	2
CONTIG-061619	269	7	0	36	0
CONTIG-061620	61	10	6	18	0
CONTIG-061621	76	3	0	4	0
CONTIG-061623	172	17	10	104	0
CONTIG-061624	173	7	5	21	0
CONTIG-061625	536	20	21	140	4
CONTIG-061626	102	7	3	23	0
CONTIG-061627	1570	20	9	1111	32
CONTIG-061628	60	10	21	17	0
CONTIG-061629	139	15	2	93	0
CONTIG-061630	103	4	6	17	0
CONTIG-061631	375	60	5	0	216
CONTIG-061632	39	300	5	0	0

CONTIG-061633	70	10	10	39	0
CONTIG-061634	82	3	2	6	0
CONTIG-061635	90	3	7	5	0
CONTIG-061636	78	15	2	44	0
CONTIG-061637	197	10	7	64	0
CONTIG-061638	116	5	5	6	10
CONTIG-061640	189	6	8	49	0
CONTIG-061641	310	12	25	146	0
CONTIG-061642	142	5	6	20	0
CONTIG-061643	72	6	0	11	0
CONTIG-061646	185	9	5	17	0
CONTIG-061647	105	5	3	24	0
CONTIG-061648	222	9	6	78	0
CONTIG-061649	101	10	7	21	2
CONTIG-061650	63	6	3	8	0
CONTIG-061651	133	6	14	23	0
CONTIG-061653	86	6	0	21	0
CONTIG-061654	398	13	4	58	6
CONTIG-061655	101	74	0	368	0
CONTIG-061656	243	6	11	38	0
CONTIG-061657	149	6	0	9	0
CONTIG-061659	128	13	4	32	0
CONTIG-061660	650	14	2	0	98
CONTIG-061661	230	7	5	56	2
CONTIG-061663	80	7	7	8	0
CONTIG-061664	81	5	3	6	0
CONTIG-061665	178	7	17	15	0
CONTIG-061666	71	4	2	0	0
CONTIG-061667	127	11	5	51	0
CONTIG-061670	65	6	19	7	0
CONTIG-061671	61	3	5	3	0
CONTIG-061672	68	3	2	5	0
CONTIG-061673	77	4	12	2	0
CONTIG-061674	120	7	4	19	0
CONTIG-061675	143	4	0	24	0
CONTIG-061676	79	2	3	0	0
CONTIG-061678	68	4	2	4	2
CONTIG-061679	112	5	5	17	0
CONTIG-061680	84	9	7	29	0
CONTIG-061683	282	7	23	45	2
CONTIG-061684	94	5	2	9	0
CONTIG-061685	228	19	8	108	3
CONTIG-061686	115	4	8	8	0
CONTIG-061687	200	3	4	9	0
CONTIG-061688	99	9	9	30	0
CONTIG-061689	179	7	17	17	0
CONTIG-061690	99	5	0	14	0

CONTIG-061691	157	6	5	46	0
CONTIG-061692	85	6	2	13	0
CONTIG-061695	208	9	2	68	0
CONTIG-061696	64	6	6	11	0
CONTIG-061697	74	9	10	32	0
CONTIG-061698	89	6	7	15	0
CONTIG-061699	62	5	9	6	0
CONTIG-061700	140	6	8	16	0
CONTIG-061701	85	5	8	6	0
CONTIG-061703	183	11	13	42	4
CONTIG-061704	147	12	10	99	0
CONTIG-061705	76	5	6	0	0
CONTIG-061706	213	8	26	7	0
CONTIG-061708	125	5	2	11	0
CONTIG-061709	105	9	12	16	2
CONTIG-061710	154	6	5	0	4
CONTIG-061711	268	6	35	35	0
CONTIG-061712	79	16	20	49	0
CONTIG-061713	90	10	7	3	0
CONTIG-061714	151	9	0	42	0
CONTIG-061715	86	4	0	15	0
CONTIG-061716	113	15	30	4	0
CONTIG-061717	101	3	0	6	0
CONTIG-061718	249	9	7	37	2
CONTIG-061719	58	3	0	2	0
CONTIG-061720	226	13	0	0	20
CONTIG-061721	149	22	4	187	2
CONTIG-061722	654	18	4	295	5
CONTIG-061723	407	9	8	11	0
CONTIG-061724	508	11	6	128	2
CONTIG-061725	266	13	8	110	0
CONTIG-061726	69	14	3	26	0
CONTIG-061727	69	11	3	17	0
CONTIG-061736	214	10	8	89	0
CONTIG-061737	139	6	6	11	0
CONTIG-061738	78	10	9	30	2
CONTIG-061739	184	43	27	288	2
CONTIG-061740	72	18	0	51	0
CONTIG-061741	262	7	2	57	0
CONTIG-061742	90	4	5	7	0
CONTIG-061743	62	3	6	5	0
CONTIG-061744	120	7	10	17	2
CONTIG-061745	828	22	6	27	0
CONTIG-061746	104	4	3	12	0
CONTIG-061747	123	14	4	44	2
CONTIG-061748	58	2	2	2	0
CONTIG-061749	105	14	7	46	2

CONTIG-061750	82	4	3	15	0
CONTIG-061751	235	8	6	90	0
CONTIG-061752	157	5	10	11	0
CONTIG-061753	255	16	10	181	0
CONTIG-061754	145	4	8	11	0
CONTIG-061755	278	11	21	11	0
CONTIG-061756	167	4	4	19	0
CONTIG-061757	87	5	9	4	0
CONTIG-061758	465	11	16	82	2
CONTIG-061759	59	7	0	3	0
CONTIG-061760	273	13	40	78	4
CONTIG-061761	90	7	5	12	0
CONTIG-061762	71	9	7	20	0
CONTIG-061763	98	3	2	4	0
CONTIG-061764	446	41	8	0	206
CONTIG-061765	97	8	0	0	0
CONTIG-061766	78	2	0	2	0
CONTIG-061767	81	6	16	17	0
CONTIG-061770	71	8	20	4	0
CONTIG-061771	73	68	4	215	0
CONTIG-061772	117	4	0	6	0
CONTIG-061773	258	10	16	64	2
CONTIG-061774	122	6	16	17	0
CONTIG-061775	115	33	17	114	2
CONTIG-061776	75	10	2	4	0
CONTIG-061777	133	9	9	28	0
CONTIG-061778	89	7	4	15	0
CONTIG-061779	118	4	13	4	0
CONTIG-061780	78	6	10	15	0
CONTIG-061781	268	49	10	0	6
CONTIG-061782	202	10	4	94	0
CONTIG-061783	76	1101	5	40	2
CONTIG-061785	168	6	15	22	0
CONTIG-061787	93	7	12	11	0
CONTIG-061788	467	8	6	0	19
CONTIG-061789	99	7	39	9	0
CONTIG-061790	83	12	9	0	0
CONTIG-061791	70	7	10	4	0
CONTIG-061794	117	9	7	37	2
CONTIG-061799	95	7	0	17	2
CONTIG-061800	69	6	6	0	0
CONTIG-061801	182	6	16	21	0
CONTIG-061802	124	9	18	36	2
CONTIG-061803	431	17	64	226	5
CONTIG-061804	62	2	0	5	0
CONTIG-061805	62	3	4	0	0
CONTIG-061808	78	159	14	323	53

CONTIG-061809	85	9	18	27	0
CONTIG-061810	207	8	6	28	0
CONTIG-061811	85	4	3	2	0
CONTIG-061812	127	6	4	25	0
CONTIG-061813	105	2	3	4	0
CONTIG-061814	149	8	0	0	0
CONTIG-061815	179	11	5	8	0
CONTIG-061816	73	16	22	35	0
CONTIG-061817	122	4	3	11	0
CONTIG-061818	131	5	0	29	0
CONTIG-061819	110	15	6	59	0
CONTIG-061820	84	4	0	4	0
CONTIG-061821	42	216	4	204	0
CONTIG-061823	153	10	5	63	0
CONTIG-061824	585	27	6	16	0
CONTIG-061825	79	8	0	21	2
CONTIG-061826	102	10	2	25	4
CONTIG-061829	129	5	10	28	0
CONTIG-061830	62	7	15	0	0
CONTIG-061831	141	5	8	8	0
CONTIG-061832	265	24	0	111	0
CONTIG-061833	115	15	16	68	0
CONTIG-061834	114	11	33	36	0
CONTIG-061835	106	8	27	16	0
CONTIG-061836	84	6	2	8	0
CONTIG-061837	587	16	17	475	0
CONTIG-061838	98	8	14	16	0
CONTIG-061839	913	14	0	0	79
CONTIG-061840	84	4	6	12	0
CONTIG-061841	73	5	0	7	0
CONTIG-061842	58	8	0	11	0
CONTIG-061843	115	6	7	19	0
CONTIG-061844	90	5	3	14	0
CONTIG-061845	230	5	2	33	0
CONTIG-061846	469	23	15	303	20
CONTIG-061847	92	75	10	54	0
CONTIG-061848	257	6	2	48	0
CONTIG-061849	232	9	2	72	0
CONTIG-061850	103	8	7	21	0
CONTIG-061851	90	5	16	9	0
CONTIG-061852	125	7	21	10	0
CONTIG-061853	278	6	20	2	0
CONTIG-061854	136	11	6	38	0
CONTIG-061855	205	10	8	35	0
CONTIG-061856	115	11	4	30	0
CONTIG-061857	77	7	11	0	0
CONTIG-061858	65	82	9	39	0

CONTIG-061859	601	17	31	306	4
CONTIG-061861	58	3	2	2	0
CONTIG-061862	58	8	13	4	0
CONTIG-061863	171	8	11	55	0
CONTIG-061864	65	4	8	8	0
CONTIG-061865	78	8	14	9	0
CONTIG-061866	264	9	6	48	0
CONTIG-061867	99	4	3	4	0
CONTIG-061868	120	29	26	149	0
CONTIG-061869	74	3	2	0	0
CONTIG-061870	341	22	28	325	0
CONTIG-061871	153	7	19	43	0
CONTIG-061872	72	7	4	18	0
CONTIG-061873	202	17	18	54	0
CONTIG-061874	61	7	15	0	0
CONTIG-061875	202	11	18	78	0
CONTIG-061876	167	8	9	30	0
CONTIG-061877	90	4	3	0	0
CONTIG-061878	81	24	7	56	0
CONTIG-061879	203	8	5	61	0
CONTIG-061880	155	4	0	10	0
CONTIG-061881	388	27	41	486	0
CONTIG-061882	109	8	24	30	0
CONTIG-061883	61	8	10	2	0
CONTIG-061884	461	17	26	169	0
CONTIG-061889	80	5	5	11	0
CONTIG-061890	145	6	9	14	0
CONTIG-061891	377	10	8	95	2
CONTIG-061892	167	5	11	0	0
CONTIG-061893	97	5	0	10	0
CONTIG-061894	67	4	3	10	0
CONTIG-061895	106	9	2	22	0
CONTIG-061896	89	5	2	0	0
CONTIG-061897	89	4	0	17	0
CONTIG-061898	59	7	5	9	0
CONTIG-061899	83	5	12	5	0
CONTIG-061900	165	8	13	24	0
CONTIG-061901	103	4	7	0	0
CONTIG-061902	238	12	11	91	0
CONTIG-061903	63	17	10	6	0
CONTIG-061904	256	11	6	52	4
CONTIG-061905	93	10	12	25	0
CONTIG-061906	112	5	7	15	0
CONTIG-061907	390	12	18	0	13
CONTIG-061908	82	14	19	12	2
CONTIG-061909	327	9	16	78	0
CONTIG-061910	73	6	0	9	0

CONTIG-061912	170	36	17	382	0
CONTIG-061913	162	7	13	27	0
CONTIG-061914	68	8	6	7	0
CONTIG-061917	61	3	3	2	0
CONTIG-061918	87	6	2	0	0
CONTIG-061919	93	5	0	8	0
CONTIG-061920	618	20	27	8	0
CONTIG-061921	59	4	5	0	0
CONTIG-061922	127	7	2	23	0
CONTIG-061923	144	11	13	49	0
CONTIG-061924	97	12	14	26	0
CONTIG-061925	152	10	2	32	0
CONTIG-061926	414	21	16	396	0
CONTIG-061927	59	4	2	4	0
CONTIG-061928	192	36	2	0	70
CONTIG-061929	184	9	5	50	0
CONTIG-061930	204	4	16	17	0
CONTIG-061931	38	9	10	4	0
CONTIG-061932	170	14	16	26	0
CONTIG-061933	70	14	0	21	0
CONTIG-061935	104	7	6	22	0
CONTIG-061936	46	49	10	14	0
CONTIG-061937	62	10	19	9	0
CONTIG-061938	76	8	41	6	2
CONTIG-061939	205	21	11	156	3
CONTIG-061940	219	9	16	52	0
CONTIG-061941	375	7	8	51	0
CONTIG-061942	236	7	24	16	0
CONTIG-061943	141	8	25	16	0
CONTIG-061944	103	7	9	6	0
CONTIG-061945	110	7	9	0	0
CONTIG-061946	193	7	2	52	0
CONTIG-061947	90	7	27	2	0
CONTIG-061948	128	11	2	50	0
CONTIG-061949	184	7	2	21	0
CONTIG-061950	115	6	4	18	0
CONTIG-061951	191	12	12	18	0
CONTIG-061953	131	8	0	34	0
CONTIG-061954	132	12	5	51	0
CONTIG-061955	236	9	15	50	0
CONTIG-061956	208	16	14	50	0
CONTIG-061957	152	7	23	4	0
CONTIG-061958	137	9	3	50	0
CONTIG-061959	135	38	5	0	2
CONTIG-061960	305	5	6	36	0
CONTIG-061961	202	9	8	0	13
CONTIG-061962	276	11	16	90	0

CONTIG-061963	135	3	2	0	0
CONTIG-061964	91	7	0	31	0
CONTIG-061965	88	5	0	4	0
CONTIG-061966	199	18	16	6	49
CONTIG-061967	68	4	0	2	0
CONTIG-061968	159	14	15	80	3
CONTIG-061969	73	5	9	11	0
CONTIG-061970	299	12	16	46	0
CONTIG-061971	123	7	12	0	0
CONTIG-061973	51	18	4	30	0
CONTIG-061976	78	5	2	6	0
CONTIG-061977	71	5	3	8	0
CONTIG-061978	96	22	13	74	0
CONTIG-061979	253	6	10	29	0
CONTIG-061980	52	303	12	468	0
CONTIG-061981	289	14	14	64	3
CONTIG-061982	149	8	22	42	0
CONTIG-061983	138	14	50	10	0
CONTIG-061984	109	8	2	29	0
CONTIG-061985	68	3	2	0	0
CONTIG-061986	59	3	14	0	0
CONTIG-061990	107	6	5	22	0
CONTIG-061991	248	15	36	47	0
CONTIG-061992	184	7	11	32	0
CONTIG-061993	59	4	2	6	0
CONTIG-061994	108	11	4	18	0
CONTIG-061995	298	11	10	76	2
CONTIG-061996	226	7	17	42	0
CONTIG-061997	131	7	4	29	0
CONTIG-061998	207	8	11	39	0
CONTIG-061999	92	5	3	4	0
CONTIG-062000	94	3	4	3	2
CONTIG-062001	111	9	0	0	0
CONTIG-062003	535	54	17	1902	0
CONTIG-062004	291	9	26	54	0
CONTIG-062005	359	8	10	96	0
CONTIG-062006	96	6	2	6	0
CONTIG-062007	61	10	5	0	0
CONTIG-062008	86	13	23	29	0
CONTIG-062009	59	4	4	8	0
CONTIG-062010	363	14	0	6	8
CONTIG-062011	71	7	10	8	0
CONTIG-062012	142	5	6	16	0
CONTIG-062013	223	7	6	66	0
CONTIG-062014	72	7	2	21	0
CONTIG-062015	68	7	2	7	0
CONTIG-062016	132	12	5	49	2

CONTIG-062017	80	6	12	8	0
CONTIG-062018	93	11	9	16	0
CONTIG-062019	174	6	0	25	2
CONTIG-062021	199	13	15	78	0
CONTIG-062022	185	7	5	31	0
CONTIG-062023	61	3	3	4	0
CONTIG-062025	63	5	4	6	0
CONTIG-062026	202	9	9	57	0
CONTIG-062027	583	8	8	96	3
CONTIG-062028	215	8	13	68	0
CONTIG-062029	85	9	2	14	0
CONTIG-062030	39	25	20	16	0
CONTIG-062031	123	17	14	84	0
CONTIG-062032	76	10	6	14	2
CONTIG-062033	69	10	13	15	0
CONTIG-062034	176	7	8	46	0
CONTIG-062035	574	12	22	205	2
CONTIG-062036	45	62	5	71	0
CONTIG-062037	343	12	10	194	0
CONTIG-062040	113	5	20	19	0
CONTIG-062041	96	7	10	23	0
CONTIG-062042	61	3	4	4	0
CONTIG-062043	462	35	10	62	0
CONTIG-062048	60	5	0	12	0
CONTIG-062049	92	8	4	19	0
CONTIG-062050	137	6	14	18	0
CONTIG-062051	156	6	8	39	0
CONTIG-062052	108	8	4	37	0
CONTIG-062053	86	8	5	17	0
CONTIG-062054	113	9	5	31	0
CONTIG-062055	67	10	4	12	0
CONTIG-062056	204	9	4	55	0
CONTIG-062057	59	2	0	2	0
CONTIG-062058	199	25	11	180	2
CONTIG-062059	263	12	12	119	0
CONTIG-062060	90	3	4	0	0
CONTIG-062062	46	1073	37	1598	0
CONTIG-062063	64	16	5	24	0
CONTIG-062064	58	2	5	3	0
CONTIG-062065	209	9	2	35	0
CONTIG-062066	68	8	9	6	0
CONTIG-062073	153	5	12	5	0
CONTIG-062074	113	13	3	8	2
CONTIG-062075	180	13	0	4	0
CONTIG-062076	70	17	10	48	0
CONTIG-062077	153	6	0	9	0
CONTIG-062078	251	5	17	4	0

CONTIG-062079	67	3	3	3	0
CONTIG-062080	67	2	4	4	0
CONTIG-062081	55	14	2	27	0
CONTIG-062082	140	4	3	13	0
CONTIG-062083	219	6	0	40	0
CONTIG-062085	68	5	0	7	0
CONTIG-062086	61	4	0	4	0
CONTIG-062087	69	6	2	14	0
CONTIG-062088	76	9	12	8	0
CONTIG-062089	73	4	0	7	0
CONTIG-062090	88	11	2	34	0
CONTIG-062092	65	4	2	9	0
CONTIG-062093	233	18	31	172	0
CONTIG-062094	84	5	3	14	0
CONTIG-062096	155	14	8	100	0
CONTIG-062097	68	5	9	7	0
CONTIG-062098	178	9	32	11	0
CONTIG-062099	160	11	15	45	2
CONTIG-062100	73	90	11	105	0
CONTIG-062101	268	7	6	67	0
CONTIG-062102	858	8	35	73	0
CONTIG-062103	118	5	3	6	0
CONTIG-062104	88	4	4	6	0
CONTIG-062108	147	7	15	28	0
CONTIG-062109	118	7	7	30	0
CONTIG-062110	137	9	4	49	0
CONTIG-062114	238	34	2	479	0
CONTIG-062115	354	10	32	68	2
CONTIG-062116	118	4	2	0	0
CONTIG-062117	206	4	2	6	0
CONTIG-062118	324	8	2	82	0
CONTIG-062119	70	10	24	8	0
CONTIG-062120	249	7	12	72	0
CONTIG-062121	118	5	2	12	0
CONTIG-062122	146	9	7	31	2
CONTIG-062123	260	12	34	71	0
CONTIG-062124	108	6	4	11	0
CONTIG-062125	177	8	0	62	0
CONTIG-062127	180	25	19	150	4
CONTIG-062128	184	4	5	22	0
CONTIG-062129	113	17	6	88	0
CONTIG-062130	64	3	0	0	0
CONTIG-062131	89	9	12	27	0
CONTIG-062132	116	7	2	18	0
CONTIG-062133	95	7	3	0	16
CONTIG-062134	68	3	4	4	0
CONTIG-062135	240	8	10	95	0

CONTIG-062136	319	10	12	99	0
CONTIG-062138	487	13	88	262	0
CONTIG-062139	126	5	2	18	0
CONTIG-062140	192	6	6	28	0
CONTIG-062141	143	10	0	45	0
CONTIG-062142	76	8	0	17	0
CONTIG-062143	71	9	2	7	0
CONTIG-062144	233	4	17	6	0
CONTIG-062145	211	5	12	16	0
CONTIG-062146	547	18	16	266	0
CONTIG-062147	104	5	4	9	0
CONTIG-062148	95	6	2	25	0
CONTIG-062149	161	4	0	12	0
CONTIG-062150	86	3	4	2	0
CONTIG-062151	177	14	32	105	0
CONTIG-062152	82	6	4	15	0
CONTIG-062154	206	5	7	14	0
CONTIG-062155	321	9	5	127	0
CONTIG-062156	76	4	8	7	0
CONTIG-062157	158	8	6	27	0
CONTIG-062158	111	11	3	37	0
CONTIG-062159	86	4	2	2	0
CONTIG-062163	272	19	15	150	0
CONTIG-062164	158	6	4	26	0
CONTIG-062165	73	3	2	8	0
CONTIG-062166	64	4	0	8	0
CONTIG-062167	187	11	16	31	0
CONTIG-062168	101	9	6	27	0
CONTIG-062169	120	8	3	30	0
CONTIG-062170	305	23	36	168	0
CONTIG-062171	145	5	6	23	0
CONTIG-062176	127	5	4	11	0
CONTIG-062177	78	5	6	12	0
CONTIG-062178	63	3	2	4	0
CONTIG-062182	91	4	3	0	0
CONTIG-062183	212	9	12	80	3
CONTIG-062184	124	9	7	33	0
CONTIG-062185	58	7	11	0	0
CONTIG-062186	236	121	3	0	249
CONTIG-062187	116	15	0	109	0
CONTIG-062188	166	6	3	23	0
CONTIG-062189	73	36	9	45	63
CONTIG-062190	71	7	2	17	0
CONTIG-062191	219	8	18	46	0
CONTIG-062194	686	35	40	306	31
CONTIG-062195	62	5	3	16	0
CONTIG-062196	107	4	0	2	0

CONTIG-062197	194	16	25	78	2
CONTIG-062198	186	9	10	84	0
CONTIG-062199	162	7	4	48	0
CONTIG-062200	368	68	11	1290	0
CONTIG-062201	153	4	0	11	0
CONTIG-062202	64	11	6	26	0
CONTIG-062204	69	13	0	17	0
CONTIG-062205	65	4	0	8	0
CONTIG-062206	194	7	0	20	0
CONTIG-062207	100	3	7	4	0
CONTIG-062208	98	13	7	53	0
CONTIG-062210	454	9	21	92	7
CONTIG-062211	83	197	68	493	55
CONTIG-062212	80	4	0	6	0
CONTIG-062213	171	7	4	17	0
CONTIG-062214	232	5	13	6	0
CONTIG-062215	79	5	15	2	0
CONTIG-062224	100	4	17	0	0
CONTIG-062225	101	12	2	58	0
CONTIG-062227	112	5	2	12	0
CONTIG-062228	138	8	11	24	0
CONTIG-062229	89	6	0	9	0
CONTIG-062230	161	8	10	25	0
CONTIG-062231	112	6	8	28	0
CONTIG-062232	532	12	2	306	0
CONTIG-062233	656	10	10	144	2
CONTIG-062235	352	12	2	99	0
CONTIG-062239	58	9	11	0	0
CONTIG-062240	137	10	4	18	0
CONTIG-062241	137	6	8	36	0
CONTIG-062245	353	10	15	113	0
CONTIG-062246	70	3	2	4	0
CONTIG-062247	95	6	3	14	0
CONTIG-062248	71	3	0	0	2
CONTIG-062249	68	5	4	2	0
CONTIG-062251	111	6	0	0	2
CONTIG-062253	174	9	6	40	2
CONTIG-062254	114	7	5	29	0
CONTIG-062255	49	16	10	9	0
CONTIG-062256	78	4	0	2	2
CONTIG-062257	200	40	3	0	94
CONTIG-062258	65	5	3	3	0
CONTIG-062259	100	4	5	8	0
CONTIG-062260	98	11	16	11	0
CONTIG-062261	93	3	5	2	0
CONTIG-062264	420	13	17	169	2
CONTIG-062265	43	942	2	1329	0

CONTIG-062268	71	11	4	4	0
CONTIG-062269	92	110	4	170	0
CONTIG-062270	119	11	4	44	0
CONTIG-062271	81	1439	24	5528	0
CONTIG-062273	104	4	17	4	0
CONTIG-062274	107	4	11	14	0
CONTIG-062277	125	12	0	51	0
CONTIG-062278	181	10	13	73	0
CONTIG-062279	167	8	2	25	0
CONTIG-062281	80	3	3	5	0
CONTIG-062282	59	2	0	0	0
CONTIG-062283	114	12	33	44	0
CONTIG-062284	174	8	3	36	0
CONTIG-062285	73	22	6	0	0
CONTIG-062286	108	9	0	48	0
CONTIG-062287	120	8	5	27	0
CONTIG-062288	59	7	8	8	0
CONTIG-062289	74	4	0	2	0
CONTIG-062290	128	4	2	6	0
CONTIG-062291	90	5	10	9	0
CONTIG-062292	89	9	2	0	0
CONTIG-062293	60	18	24	5	0
CONTIG-062298	67	4	2	9	0
CONTIG-062302	230	15	13	87	0
CONTIG-062303	138	14	2	97	0
CONTIG-062306	157	15	7	24	0
CONTIG-062307	45	21	12	27	0
CONTIG-062308	89	3	3	4	0
CONTIG-062309	207	13	2	0	2
CONTIG-062310	232	6	9	40	0
CONTIG-062311	58	2	0	0	0
CONTIG-062312	271	10	19	34	0
CONTIG-062313	105	8	4	2	2
CONTIG-062314	135	10	0	45	0
CONTIG-062315	63	7	4	17	0
CONTIG-062316	93	5	9	15	0
CONTIG-062317	152	15	0	109	0
CONTIG-062318	68	6	24	2	0
CONTIG-062319	457	7	23	95	0
CONTIG-062320	108	11	15	22	0
CONTIG-062321	170	27	29	42	0
CONTIG-062322	101	5	3	15	0
CONTIG-062324	67	5	7	7	0
CONTIG-062326	124	7	7	18	0
CONTIG-062327	93	4	0	10	0
CONTIG-062328	88	62	13	280	0
CONTIG-062329	136	11	5	39	0

CONTIG-062330	96	6	0	25	0
CONTIG-062331	59	12	32	0	0
CONTIG-062332	127	19	0	83	0
CONTIG-062333	96	8	18	19	0
CONTIG-062334	77	7	2	20	0
CONTIG-062335	82	6	0	9	0
CONTIG-062336	194	21	10	217	0
CONTIG-062337	68	451	13	1084	0
CONTIG-062340	99	6	11	16	0
CONTIG-062341	179	11	2	64	0
CONTIG-062342	198	8	0	66	0
CONTIG-062343	236	6	3	35	0
CONTIG-062344	78	4	3	8	0
CONTIG-062345	103	7	0	25	0
CONTIG-062346	189	8	5	47	0
CONTIG-062347	220	9	7	37	2
CONTIG-062348	101	16	52	8	2
CONTIG-062349	85	3	0	0	0
CONTIG-062350	335	7	0	16	0
CONTIG-062351	64	10	5	14	0
CONTIG-062352	76	14	8	31	0
CONTIG-062353	88	8	6	24	0
CONTIG-062354	61	5	4	6	0
CONTIG-062355	93	15	3	39	0
CONTIG-062356	74	4	5	8	0
CONTIG-062357	165	5	12	19	0
CONTIG-062361	72	9	2	11	0
CONTIG-062362	82	2	2	6	0
CONTIG-062363	575	24	3	0	4
CONTIG-062364	69	6	23	5	0
CONTIG-062365	312	9	11	70	0
CONTIG-062366	67	4	0	4	0
CONTIG-062367	725	11	67	211	2
CONTIG-062368	336	13	3	233	0
CONTIG-062369	86	17	10	61	0
CONTIG-062370	193	11	6	56	0
CONTIG-062371	67	2	2	2	0
CONTIG-062372	72	3	3	2	0
CONTIG-062373	118	9	14	22	0
CONTIG-062374	114	19	9	83	5
CONTIG-062375	108	6	8	9	0
CONTIG-062376	154	8	25	33	0
CONTIG-062377	364	20	32	211	2
CONTIG-062378	200	5	6	33	0
CONTIG-062379	137	8	7	39	0
CONTIG-062380	73	7	10	2	0
CONTIG-062382	77	7	0	26	0

CONTIG-062383	747	25	0	0	276
CONTIG-062384	109	4	2	0	0
CONTIG-062385	264	16	14	130	0
CONTIG-062391	597	23	25	855	0
CONTIG-062392	404	8	13	112	0
CONTIG-062393	66	3	2	0	0
CONTIG-062395	156	5	7	12	0
CONTIG-062396	165	8	16	22	0
CONTIG-062397	102	4	0	10	0
CONTIG-062398	185	7	5	46	0
CONTIG-062401	238	13	2	105	0
CONTIG-062402	44	7	0	0	0
CONTIG-062403	94	6	0	3	0
CONTIG-062404	66	5	11	4	0
CONTIG-062405	282	13	13	101	6
CONTIG-062407	126	8	13	34	0
CONTIG-062408	188	19	13	99	0
CONTIG-062410	215	19	21	179	0
CONTIG-062412	75	12	6	34	0
CONTIG-062413	174	10	33	30	0
CONTIG-062414	62	4	5	8	0
CONTIG-062415	601	14	18	210	22
CONTIG-062416	59	8	0	15	0
CONTIG-062417	136	5	2	15	0
CONTIG-062418	70	3	8	2	0
CONTIG-062419	79	9	10	28	0
CONTIG-062420	94	15	3	29	0
CONTIG-062421	58	9	6	9	0
CONTIG-062422	64	5	7	8	0
CONTIG-062423	63	12	22	22	0
CONTIG-062424	128	6	7	14	0
CONTIG-062425	127	8	4	37	0
CONTIG-062426	334	8	9	72	0
CONTIG-062427	401	9	3	79	2
CONTIG-062429	430	11	11	178	3
CONTIG-062430	91	5	4	13	0
CONTIG-062431	80	7	2	13	0
CONTIG-062433	106	4	3	2	0
CONTIG-062434	143	8	18	41	0
CONTIG-062435	586	12	9	421	0
CONTIG-062436	67	13	5	29	0
CONTIG-062443	338	20	42	211	4
CONTIG-062444	197	7	11	23	0
CONTIG-062445	66	5	2	8	0
CONTIG-062446	70	4	0	12	0
CONTIG-062447	200	5	6	10	0
CONTIG-062448	292	6	5	36	0

CONTIG-062449	93	4	0	7	0
CONTIG-062450	91	7	5	14	0
CONTIG-062451	70	6	8	13	2
CONTIG-062452	78	4	0	12	0
CONTIG-062453	177	10	2	51	0
CONTIG-062454	119	5	6	12	0
CONTIG-062455	81	4	9	0	0
CONTIG-062456	90	4	4	10	0
CONTIG-062457	89	10	15	18	2
CONTIG-062458	116	5	4	16	0
CONTIG-062459	65	4	6	8	0
CONTIG-062460	83	3	8	2	0
CONTIG-062461	119	6	2	13	0
CONTIG-062462	189	7	7	61	0
CONTIG-062463	136	9	6	28	9
CONTIG-062464	257	11	10	123	0
CONTIG-062465	85	6	4	7	0
CONTIG-062466	401	6	17	45	0
CONTIG-062467	684	10	37	52	0
CONTIG-062468	68	4	9	0	0
CONTIG-062469	132	8	36	18	0
CONTIG-062470	105	6	2	26	0
CONTIG-062471	111	7	9	26	0
CONTIG-062472	898	15	34	665	2
CONTIG-062473	359	15	4	237	9
CONTIG-062474	68	18	10	25	0
CONTIG-062475	36	10	5	0	0
CONTIG-062484	79	12	2	36	0
CONTIG-062485	106	13	11	38	0
CONTIG-062486	324	6	6	59	0
CONTIG-062487	199	9	7	27	0
CONTIG-062488	58	11	27	16	0
CONTIG-062489	533	10	12	189	0
CONTIG-062490	149	9	5	31	0
CONTIG-062491	179	43	8	287	2
CONTIG-062493	170	66	5	0	0
CONTIG-062494	217	47	0	0	96
CONTIG-062496	169	10	24	46	0
CONTIG-062497	73	7	6	11	0
CONTIG-062498	68	8	7	16	0
CONTIG-062499	105	20	24	40	7
CONTIG-062500	74	10	8	20	2
CONTIG-062501	93	10	11	38	0
CONTIG-062503	200	8	6	54	0
CONTIG-062505	251	11	10	62	0
CONTIG-062506	91	10	12	34	0
CONTIG-062507	62	3	4	0	0

CONTIG-062508	313	9	28	67	2
CONTIG-062509	100	6	0	18	0
CONTIG-062510	130	7	4	34	0
CONTIG-062512	109	5	2	13	0
CONTIG-062514	170	6	8	33	0
CONTIG-062515	120	7	0	29	0
CONTIG-062516	249	17	6	114	4
CONTIG-062517	64	2	0	6	0
CONTIG-062518	244	10	10	14	0
CONTIG-062519	129	16	8	45	0
CONTIG-062520	115	8	0	20	0
CONTIG-062521	286	8	2	74	0
CONTIG-062522	61	68	20	0	0
CONTIG-062523	64	5	0	14	0
CONTIG-062524	70	3	0	0	0
CONTIG-062525	483	10	31	192	0
CONTIG-062526	55	78	22	139	0
CONTIG-062527	106	9	14	0	2
CONTIG-062528	69	6	16	7	2
CONTIG-062532	286	6	0	14	7
CONTIG-062533	301	6	4	34	0
CONTIG-062534	218	18	13	175	0
CONTIG-062535	162	6	0	30	0
CONTIG-062537	237	7	26	17	9
CONTIG-062540	346	29	8	0	29
CONTIG-062541	153	8	17	18	0
CONTIG-062542	116	13	7	53	0
CONTIG-062544	239	7	11	49	2
CONTIG-062546	319	13	26	163	0
CONTIG-062547	91	19	30	6	0
CONTIG-062549	125	6	5	22	0
CONTIG-062550	891	27	21	1200	0
CONTIG-062551	84	5	0	9	0
CONTIG-062553	65	5	5	7	0
CONTIG-062556	116	4	3	13	0
CONTIG-062558	163	9	28	45	0
CONTIG-062559	105	3	10	0	0
CONTIG-062561	69	5	3	20	0
CONTIG-062562	78	5	5	11	0
CONTIG-062563	91	3	2	5	0
CONTIG-062564	101	8	7	34	0
CONTIG-062565	129	5	12	18	0
CONTIG-062566	84	5	4	11	0
CONTIG-062567	187	17	36	144	0
CONTIG-062568	157	5	14	21	0
CONTIG-062569	197	15	28	84	2
CONTIG-062570	171	8	10	24	0

CONTIG-062571	164	11	8	46	0
CONTIG-062572	149	12	14	38	0
CONTIG-062573	365	8	16	95	0
CONTIG-062575	129	11	0	40	0
CONTIG-062576	373	10	8	56	5
CONTIG-062577	83	6	2	14	2
CONTIG-062578	78	5	0	10	0
CONTIG-062579	132	3	4	2	0
CONTIG-062580	431	12	8	75	0
CONTIG-062581	99	6	14	9	0
CONTIG-062582	81	4	15	3	0
CONTIG-062583	93	7	5	12	0
CONTIG-062584	66	6	12	0	0
CONTIG-062586	131	13	4	85	0
CONTIG-062587	84	15	17	18	0
CONTIG-062588	297	14	17	136	0
CONTIG-062589	113	3	7	3	0
CONTIG-062590	83	6	2	12	0
CONTIG-062591	122	7	2	19	0
CONTIG-062592	828	12	0	0	71
CONTIG-062593	62	3	4	7	0
CONTIG-062594	156	5	2	9	0
CONTIG-062595	154	11	8	54	0
CONTIG-062596	123	5	0	24	0
CONTIG-062597	76	7	0	2	0
CONTIG-062599	60	6	2	12	0
CONTIG-062600	122	8	5	15	0
CONTIG-062602	121	11	29	12	0
CONTIG-062604	85	4	12	6	0
CONTIG-062605	111	4	2	6	0
CONTIG-062606	211	13	21	81	5
CONTIG-062607	107	5	6	12	0
CONTIG-062611	334	19	16	0	28
CONTIG-062612	58	9	21	7	0
CONTIG-062613	83	5	0	0	0
CONTIG-062614	220	11	8	39	0
CONTIG-062615	107	15	4	56	4
CONTIG-062616	64	5	2	6	0
CONTIG-062617	87	7	2	20	0
CONTIG-062618	295	14	15	171	0
CONTIG-062619	79	9	2	36	0
CONTIG-062621	294	22	52	36	0
CONTIG-062622	48	253	17	470	0
CONTIG-062623	203	28	13	9	0
CONTIG-062624	71	5	3	4	0
CONTIG-062625	105	6	4	18	0
CONTIG-062626	72	6	3	9	0

CONTIG-062627	63	4	2	2	0
CONTIG-062628	165	9	2	29	0
CONTIG-062629	39	47	7	17	0
CONTIG-062632	143	10	2	34	0
CONTIG-062633	105	10	0	33	0
CONTIG-062634	164	34	6	231	2
CONTIG-062635	65	7	7	3	0
CONTIG-062636	92	7	5	27	0
CONTIG-062637	141	12	7	85	0
CONTIG-062638	77	16	0	39	0
CONTIG-062639	66	4	8	2	0
CONTIG-062640	90	11	2	40	0
CONTIG-062641	97	9	4	12	0
CONTIG-062642	209	11	7	79	0
CONTIG-062643	266	6	3	25	0
CONTIG-062644	198	11	2	17	0
CONTIG-062645	59	3	7	0	0
CONTIG-062646	142	5	2	19	0
CONTIG-062648	112	15	9	80	2
CONTIG-062649	187	16	20	13	0
CONTIG-062650	94	11	8	12	0
CONTIG-062651	197	10	28	55	0
CONTIG-062652	90	7	3	14	0
CONTIG-062653	74	12	17	26	0
CONTIG-062654	138	6	2	10	0
CONTIG-062655	107	4	3	6	0
CONTIG-062656	165	5	10	21	0
CONTIG-062658	127	5	4	25	0
CONTIG-062659	167	10	3	49	0
CONTIG-062660	186	6	6	19	0
CONTIG-062661	269	16	11	123	8
CONTIG-062662	334	9	13	100	0
CONTIG-062663	62	3	2	4	0
CONTIG-062664	345	8	21	30	4
CONTIG-062665	86	9	10	13	0
CONTIG-062666	87	9	4	15	0
CONTIG-062667	82	5	5	12	0
CONTIG-062668	172	8	0	54	0
CONTIG-062669	357	14	14	138	0
CONTIG-062670	148	6	4	23	0
CONTIG-062671	64	7	5	18	0
CONTIG-062672	210	13	18	50	0
CONTIG-062673	121	5	4	11	0
CONTIG-062674	136	5	6	16	0
CONTIG-062675	194	11	21	87	0
CONTIG-062676	88	6	8	15	0
CONTIG-062677	124	9	4	19	3

CONTIG-062678	231	8	8	42	0
CONTIG-062679	263	9	22	77	0
CONTIG-062680	85	4	7	3	0
CONTIG-062684	93	4	2	4	0
CONTIG-062685	114	30	11	106	0
CONTIG-062689	215	7	15	14	0
CONTIG-062690	200	8	10	45	0
CONTIG-062691	293	19	25	125	2
CONTIG-062692	148	8	0	0	7
CONTIG-062693	103	9	15	26	0
CONTIG-062694	107	7	2	8	0
CONTIG-062695	111	4	0	6	0
CONTIG-062696	158	11	21	65	0
CONTIG-062697	525	20	34	344	0
CONTIG-062700	185	11	18	57	0
CONTIG-062701	88	4	3	0	0
CONTIG-062702	206	10	7	55	2
CONTIG-062703	164	7	5	37	0
CONTIG-062704	157	6	0	30	0
CONTIG-062705	85	10	0	0	6
CONTIG-062706	60	7	10	2	0
CONTIG-062707	79	7	10	8	0
CONTIG-062708	94	5	2	14	0
CONTIG-062709	241	6	4	35	0
CONTIG-062710	131	10	6	41	0
CONTIG-062711	366	11	26	108	0
CONTIG-062712	60	9	0	2	0
CONTIG-062713	174	21	0	35	0
CONTIG-062714	95	7	5	26	0
CONTIG-062715	61	5	0	3	0
CONTIG-062716	258	6	6	34	3
CONTIG-062717	129	5	8	11	0
CONTIG-062718	89	7	2	14	0
CONTIG-062719	39	25	0	19	0
CONTIG-062720	72	6	7	9	0
CONTIG-062722	328	9	4	55	0
CONTIG-062723	87	118	4	130	7
CONTIG-062724	88	36	10	95	0
CONTIG-062725	66	21	31	20	0
CONTIG-062726	187	8	2	54	0
CONTIG-062727	64	3	0	0	0
CONTIG-062728	158	6	5	26	0
CONTIG-062730	165	5	9	7	0
CONTIG-062731	116	5	0	20	0
CONTIG-062732	253	9	25	75	2
CONTIG-062733	166	8	5	40	2
CONTIG-062734	89	10	12	19	0

CONTIG-062735	58	4	2	2	0
CONTIG-062736	61	5	4	9	0
CONTIG-062737	63	8	9	0	0
CONTIG-062738	59	18	58	9	0
CONTIG-062739	56	453	14	1245	0
CONTIG-062740	183	14	11	78	0
CONTIG-062741	49	255	28	625	0
CONTIG-062742	158	12	2	54	0
CONTIG-062743	63	7	2	3	0
CONTIG-062744	170	13	35	19	0
CONTIG-062745	279	7	14	26	0
CONTIG-062746	357	27	52	414	2
CONTIG-062747	180	4	0	28	0
CONTIG-062748	184	16	47	51	2
CONTIG-062749	156	7	0	26	0
CONTIG-062750	126	2	3	4	0
CONTIG-062751	130	15	31	10	0
CONTIG-062752	183	7	5	18	0
CONTIG-062753	111	4	0	8	0
CONTIG-062754	61	5	0	16	0
CONTIG-062755	91	7	0	18	0
CONTIG-062756	90	5	0	2	0
CONTIG-062757	227	12	20	82	0
CONTIG-062758	121	11	2	44	0
CONTIG-062759	79	9	4	16	0
CONTIG-062760	227	11	26	84	0
CONTIG-062761	83	7	2	22	0
CONTIG-062762	155	7	0	37	0
CONTIG-062763	314	13	73	118	3
CONTIG-062765	389	24	31	136	2
CONTIG-062766	93	15	18	24	0
CONTIG-062767	72	6	6	14	0
CONTIG-062772	74	5	2	0	0
CONTIG-062773	249	7	24	32	0
CONTIG-062774	175	17	23	91	0
CONTIG-062775	155	5	5	13	2
CONTIG-062776	78	13	4	37	0
CONTIG-062777	98	4	4	4	0
CONTIG-062778	174	9	6	53	0
CONTIG-062779	93	3	2	3	0
CONTIG-062785	110	5	10	4	0
CONTIG-062786	77	3	8	2	0
CONTIG-062787	121	35	2	0	26
CONTIG-062789	89	5	5	10	0
CONTIG-062790	81	12	22	0	0
CONTIG-062791	140	10	14	51	0
CONTIG-062792	55	13	2	13	0

CONTIG-062796	164	12	3	87	0
CONTIG-062797	136	162	12	1178	0
CONTIG-062798	194	39	29	329	2
CONTIG-062799	63	71	42	209	0
CONTIG-062800	102	5	6	9	0
CONTIG-062801	430	8	11	110	0
CONTIG-062803	49	35	0	56	0
CONTIG-062804	101	5	4	6	0
CONTIG-062805	58	6	5	9	0
CONTIG-062808	234	9	37	33	0
CONTIG-062809	104	7	4	18	0
CONTIG-062810	274	12	12	87	2
CONTIG-062812	220	7	10	28	0
CONTIG-062813	69	13	4	15	0
CONTIG-062814	93	7	5	6	0
CONTIG-062815	65	4	5	0	0
CONTIG-062816	65	3	0	3	0
CONTIG-062818	303	8	9	50	0
CONTIG-062820	259	10	6	114	2
CONTIG-062821	77	14	6	12	2
CONTIG-062822	109	21	9	97	2
CONTIG-062823	212	11	15	39	0
CONTIG-062824	58	4	0	2	0
CONTIG-062825	91	6	6	14	0
CONTIG-062826	107	13	17	39	0
CONTIG-062827	59	3	10	0	0
CONTIG-062828	117	6	12	21	0
CONTIG-062829	87	3	3	10	0
CONTIG-062830	87	8	22	15	0
CONTIG-062831	66	4	8	2	0
CONTIG-062832	163	27	17	2	0
CONTIG-062833	236	6	32	21	0
CONTIG-062834	59	11	12	12	0
CONTIG-062835	86	4	6	8	0
CONTIG-062836	150	7	16	26	0
CONTIG-062837	61	21	14	30	0
CONTIG-062838	124	10	8	26	0
CONTIG-062839	83	4	5	0	0
CONTIG-062841	230	8	7	46	0
CONTIG-062842	230	13	6	90	0
CONTIG-062843	100	3	2	12	0
CONTIG-062844	99	11	14	35	0
CONTIG-062846	80	9	0	2	0
CONTIG-062847	175	11	20	65	0
CONTIG-062848	85	11	5	49	0
CONTIG-062849	122	7	10	24	0
CONTIG-062850	216	7	13	38	0

CONTIG-062851	71	7	0	13	0
CONTIG-062852	105	8	3	27	0
CONTIG-062853	176	5	21	15	0
CONTIG-062854	82	4	2	16	0
CONTIG-062855	187	17	16	97	2
CONTIG-062858	90	11	4	37	0
CONTIG-062859	182	12	4	44	2
CONTIG-062860	312	14	12	97	2
CONTIG-062861	66	6	4	11	0
CONTIG-062862	142	17	14	7	0
CONTIG-062863	134	4	3	17	0
CONTIG-062864	302	15	23	98	0
CONTIG-062865	288	6	12	56	0
CONTIG-062866	221	7	16	35	0
CONTIG-062867	100	3	4	8	0
CONTIG-062868	103	5	12	13	0
CONTIG-062869	329	14	23	136	14
CONTIG-062870	129	5	0	28	0
CONTIG-062871	231	8	5	61	0
CONTIG-062872	193	6	4	42	0
CONTIG-062873	64	6	10	16	0
CONTIG-062874	131	6	7	22	0
CONTIG-062875	91	4	5	4	0
CONTIG-062876	264	8	9	23	0
CONTIG-062878	104	3	6	9	0
CONTIG-062879	108	5	4	23	0
CONTIG-062880	208	7	34	47	0
CONTIG-062881	170	5	4	24	0
CONTIG-062882	77	12	4	39	0
CONTIG-062883	189	5	0	0	8
CONTIG-062885	546	16	63	394	2
CONTIG-062886	98	6	6	16	0
CONTIG-062887	277	9	17	78	0
CONTIG-062891	142	5	0	20	0
CONTIG-062892	77	4	2	5	0
CONTIG-062893	328	7	16	81	0
CONTIG-062894	164	13	19	88	0
CONTIG-062895	87	27	13	50	0
CONTIG-062896	75	4	5	0	0
CONTIG-062897	122	4	4	16	0
CONTIG-062907	61	4	5	5	0
CONTIG-062908	189	12	9	50	3
CONTIG-062909	89	6	8	12	0
CONTIG-062910	80	8	7	0	0
CONTIG-062911	58	18	31	14	0
CONTIG-062912	60	5	16	2	0
CONTIG-062913	124	4	2	16	0

CONTIG-062914	139	11	5	23	0
CONTIG-062915	116	10	11	31	0
CONTIG-062916	282	8	14	59	2
CONTIG-062917	131	5	12	10	0
CONTIG-062918	102	7	0	17	0
CONTIG-062919	94	3	2	2	0
CONTIG-062920	106	7	0	15	0
CONTIG-062921	325	13	14	96	8
CONTIG-062922	85	3	0	3	0
CONTIG-062923	70	4	5	2	0
CONTIG-062924	208	8	11	38	0
CONTIG-062925	164	41	6	11	0
CONTIG-062926	166	5	9	4	0
CONTIG-062928	79	8	2	21	0
CONTIG-062929	42	66	4	73	0
CONTIG-062930	99	15	17	65	2
CONTIG-062931	151	5	0	25	0
CONTIG-062932	113	13	7	31	0
CONTIG-062935	160	10	0	58	0
CONTIG-062936	604	11	17	70	0
CONTIG-062937	67	3	2	4	0
CONTIG-062938	138	9	8	40	0
CONTIG-062939	83	6	4	16	0
CONTIG-062940	164	6	5	22	0
CONTIG-062941	59	8	2	11	0
CONTIG-062942	193	7	19	38	0
CONTIG-062943	66	5	4	7	0
CONTIG-062946	167	85	10	229	10
CONTIG-062952	146	4	6	6	0
CONTIG-062954	156	8	12	20	0
CONTIG-062955	116	32	18	145	0
CONTIG-062956	350	13	6	199	0
CONTIG-062957	145	4	0	13	0
CONTIG-062958	105	8	2	22	0
CONTIG-062959	189	12	28	70	0
CONTIG-062961	101	5	2	14	0
CONTIG-062963	63	9	4	8	2
CONTIG-062964	78	8	2	20	0
CONTIG-062965	125	7	38	19	0
CONTIG-062966	59	3	0	2	0
CONTIG-062967	112	8	8	21	0
CONTIG-062968	179	7	2	32	0
CONTIG-062969	250	9	4	107	0
CONTIG-062970	75	4	4	2	0
CONTIG-062972	69	4	2	6	0
CONTIG-062973	208	5	20	10	0
CONTIG-062974	111	28	4	0	24

CONTIG-062975	212	14	12	37	8
CONTIG-062976	63	3	0	0	0
CONTIG-062977	125	8	10	41	0
CONTIG-062978	346	12	3	33	0
CONTIG-062979	274	9	9	68	0
CONTIG-062980	75	10	12	32	0
CONTIG-062981	98	6	6	7	0
CONTIG-062983	89	30	19	128	0
CONTIG-062984	131	6	7	25	0
CONTIG-062985	59	19	5	34	0
CONTIG-062986	148	6	3	32	0
CONTIG-062987	63	4	6	6	0
CONTIG-062988	82	13	7	31	0
CONTIG-062989	61	8	0	12	0
CONTIG-062991	183	13	22	74	0
CONTIG-062992	153	9	0	62	0
CONTIG-062993	170	13	9	60	0
CONTIG-062994	160	34	3	0	7
CONTIG-062995	119	6	6	22	0
CONTIG-062996	85	4	0	8	0
CONTIG-062997	83	12	4	10	0
CONTIG-062998	173	6	5	33	0
CONTIG-062999	140	17	4	81	0
CONTIG-063000	154	4	2	0	2
CONTIG-063001	117	4	3	7	0
CONTIG-063002	73	6	0	19	0
CONTIG-063003	236	12	0	124	4
CONTIG-063004	160	5	2	8	0
CONTIG-063005	110	6	0	24	0
CONTIG-063006	89	11	19	30	0
CONTIG-063007	212	15	26	153	0
CONTIG-063008	89	18	93	33	0
CONTIG-063009	212	6	25	36	0
CONTIG-063010	95	3	2	13	0
CONTIG-063011	203	6	0	39	0
CONTIG-063012	83	6	3	11	0
CONTIG-063017	230	12	10	73	0
CONTIG-063018	268	7	27	56	0
CONTIG-063019	168	11	34	50	0
CONTIG-063021	75	5	2	0	0
CONTIG-063022	230	7	4	72	0
CONTIG-063023	66	7	8	14	0
CONTIG-063026	83	7	13	0	0
CONTIG-063027	74	4	0	6	0
CONTIG-063028	36	784	20	581	169
CONTIG-063031	95	10	6	43	0
CONTIG-063032	99	25	5	91	0

CONTIG-063033	118	7	7	2	0
CONTIG-063035	72	7	2	11	0
CONTIG-063036	124	5	7	19	0
CONTIG-063038	79	6	3	18	0
CONTIG-063039	549	12	14	130	4
CONTIG-063040	665	10	11	222	0
CONTIG-063041	209	11	7	90	0
CONTIG-063042	405	12	4	2	0
CONTIG-063043	167	8	0	29	0
CONTIG-063044	187	20	7	166	0
CONTIG-063051	100	28	30	85	0
CONTIG-063052	101	12	13	21	0
CONTIG-063054	306	11	34	52	0
CONTIG-063056	141	5	6	10	0
CONTIG-063057	150	3	2	0	0
CONTIG-063059	65	3	2	4	0
CONTIG-063060	102	8	4	23	0
CONTIG-063061	193	13	7	74	0
CONTIG-063062	70	3	2	2	0
CONTIG-063063	277	13	19	80	0
CONTIG-063065	105	23	20	11	0
CONTIG-063066	58	74	13	123	0
CONTIG-063068	317	11	8	134	0
CONTIG-063069	208	9	2	2	0
CONTIG-063070	172	7	8	24	2
CONTIG-063071	73	7	15	2	0
CONTIG-063072	150	6	2	9	0
CONTIG-063075	66	5	7	2	0
CONTIG-063076	121	10	6	20	0
CONTIG-063077	101	5	0	24	0
CONTIG-063078	354	8	8	84	5
CONTIG-063079	163	10	20	58	0
CONTIG-063080	326	7	30	47	0
CONTIG-063082	290	6	0	35	2
CONTIG-063083	127	4	0	0	2
CONTIG-063084	97	7	4	25	0
CONTIG-063085	223	13	6	59	21
CONTIG-063086	213	11	41	47	0
CONTIG-063087	64	4	2	2	0
CONTIG-063088	463	13	27	222	2
CONTIG-063090	188	6	10	24	0
CONTIG-063091	81	3	8	2	0
CONTIG-063092	403	14	43	111	0
CONTIG-063093	58	5	0	4	0
CONTIG-063094	82	2	0	0	0
CONTIG-063095	75	6	2	13	0
CONTIG-063096	66	9	12	16	0

CONTIG-063097	90	11	5	23	2
CONTIG-063098	312	7	8	47	2
CONTIG-063099	339	10	9	129	0
CONTIG-063100	74	4	2	5	0
CONTIG-063101	171	13	7	64	0
CONTIG-063102	93	8	4	0	0
CONTIG-063103	189	6	11	44	0
CONTIG-063104	130	8	6	24	0
CONTIG-063105	216	10	11	79	0
CONTIG-063106	65	11	0	31	0
CONTIG-063107	70	14	3	39	0
CONTIG-063108	136	8	17	49	0
CONTIG-063110	76	6	4	0	0
CONTIG-063111	94	7	4	30	0
CONTIG-063112	319	5	2	52	0
CONTIG-063113	293	6	3	53	2
CONTIG-063115	60	5	0	6	0
CONTIG-063116	78	5	8	6	0
CONTIG-063117	67	2	0	3	0
CONTIG-063118	68	5	11	2	0
CONTIG-063119	80	8	2	15	0
CONTIG-063120	264	12	13	133	0
CONTIG-063121	220	5	18	18	0
CONTIG-063122	66	3	2	4	0
CONTIG-063123	94	5	2	18	0
CONTIG-063124	60	9	25	12	0
CONTIG-063125	145	8	12	23	0
CONTIG-063126	413	13	22	126	6
CONTIG-063130	381	8	8	155	0
CONTIG-063132	80	8	31	0	0
CONTIG-063133	90	5	8	17	0
CONTIG-063135	75	6	0	16	0
CONTIG-063139	287	10	4	124	0
CONTIG-063140	112	7	15	17	0
CONTIG-063141	700	21	2	0	81
CONTIG-063142	153	6	3	22	0
CONTIG-063145	159	6	5	39	0
CONTIG-063146	152	5	5	8	0
CONTIG-063147	158	7	3	31	0
CONTIG-063148	85	9	11	24	0
CONTIG-063149	643	16	3	8	0
CONTIG-063150	39	23	11	38	0
CONTIG-063152	87	9	22	7	0
CONTIG-063153	403	24	32	180	11
CONTIG-063154	111	13	5	73	0
CONTIG-063155	67	5	6	4	0
CONTIG-063156	146	4	0	14	0

CONTIG-063157	87	5	8	11	0
CONTIG-063158	120	5	2	21	0
CONTIG-063159	433	25	22	461	4
CONTIG-063160	65	11	3	19	0
CONTIG-063161	69	6	0	2	0
CONTIG-063162	241	9	3	40	0
CONTIG-063163	123	18	2	3	0
CONTIG-063164	193	16	18	180	0
CONTIG-063165	181	7	17	17	0
CONTIG-063166	219	14	2	67	0
CONTIG-063167	272	15	43	192	0
CONTIG-063168	201	10	11	85	2
CONTIG-063169	292	26	60	256	0
CONTIG-063170	683	57	18	2287	0
CONTIG-063171	65	4	4	0	0
CONTIG-063172	138	11	17	18	0
CONTIG-063173	155	11	14	63	0
CONTIG-063174	71	7	0	5	0
CONTIG-063175	94	9	9	30	0
CONTIG-063176	104	5	9	9	0
CONTIG-063178	76	3	5	2	0
CONTIG-063179	195	7	5	62	0
CONTIG-063180	69	7	6	2	0
CONTIG-063181	76	7	4	30	0
CONTIG-063182	222	9	14	75	0
CONTIG-063183	144	5	9	22	0
CONTIG-063184	97	44	3	204	2
CONTIG-063185	78	8	4	12	0
CONTIG-063186	72	7	2	14	0
CONTIG-063187	111	16	4	51	0
CONTIG-063188	80	8	10	16	0
CONTIG-063192	141	5	5	15	0
CONTIG-063193	343	7	27	59	0
CONTIG-063194	114	5	11	13	0
CONTIG-063195	140	7	6	14	2
CONTIG-063196	261	19	10	41	0
CONTIG-063197	72	6	5	11	0
CONTIG-063198	237	10	3	0	0
CONTIG-063199	309	8	23	85	0
CONTIG-063200	64	3	0	4	0
CONTIG-063201	110	21	11	101	0
CONTIG-063202	42	7	2	0	0
CONTIG-063204	84	7	27	15	0
CONTIG-063205	132	6	3	7	0
CONTIG-063206	94	16	27	47	2
CONTIG-063207	58	4	4	2	0
CONTIG-063208	98	5	9	6	0

CONTIG-063209	91	45	4	208	0
CONTIG-063210	661	77	21	2947	2
CONTIG-063211	64	5	5	4	0
CONTIG-063212	97	10	0	40	0
CONTIG-063213	101	4	11	7	0
CONTIG-063214	155	17	47	99	2
CONTIG-063215	232	7	9	31	0
CONTIG-063216	78	4	0	4	0
CONTIG-063217	509	10	8	170	2
CONTIG-063218	734	16	75	234	0
CONTIG-063220	189	6	9	23	0
CONTIG-063221	75	14	9	36	0
CONTIG-063222	159	7	14	41	0
CONTIG-063223	71	10	14	4	0
CONTIG-063224	95	7	22	4	0
CONTIG-063225	103	12	6	33	0
CONTIG-063226	213	46	14	418	2
CONTIG-063227	66	16	26	31	0
CONTIG-063228	305	15	11	169	0
CONTIG-063229	209	9	5	68	0
CONTIG-063230	276	10	6	69	0
CONTIG-063231	94	23	6	89	0
CONTIG-063232	82	12	22	38	0
CONTIG-063233	74	5	5	0	0
CONTIG-063234	58	13	25	2	0
CONTIG-063235	326	17	15	110	0
CONTIG-063236	83	6	4	13	0
CONTIG-063237	105	10	5	52	0
CONTIG-063238	66	16	9	9	0
CONTIG-063239	185	5	6	21	2
CONTIG-063240	82	2	0	2	0
CONTIG-063241	148	12	28	33	0
CONTIG-063242	175	10	24	58	0
CONTIG-063243	226	14	11	90	2
CONTIG-063244	79	4	0	4	0
CONTIG-063245	77	6	4	5	0
CONTIG-063246	77	4	3	8	0
CONTIG-063247	162	5	5	17	0
CONTIG-063248	144	13	2	69	0
CONTIG-063249	73	9	5	20	2
CONTIG-063250	227	12	2	111	0
CONTIG-063251	83	3	2	8	0
CONTIG-063252	139	7	0	23	0
CONTIG-063254	161	9	13	44	2
CONTIG-063255	59	7	24	2	0
CONTIG-063256	621	11	12	248	0
CONTIG-063257	414	13	17	159	0

CONTIG-063258	136	6	5	5	0
CONTIG-063260	172	10	14	33	0
CONTIG-063262	106	5	14	4	0
CONTIG-063263	129	6	8	13	2
CONTIG-063264	69	3	0	2	0
CONTIG-063265	130	7	0	20	0
CONTIG-063266	543	17	33	156	11
CONTIG-063267	73	8	10	18	0
CONTIG-063268	118	10	2	44	0
CONTIG-063269	378	11	9	156	5
CONTIG-063270	298	9	24	74	0
CONTIG-063271	61	7	2	17	0
CONTIG-063272	124	13	0	61	0
CONTIG-063273	88	12	12	25	0
CONTIG-063274	97	9	4	15	0
CONTIG-063275	160	16	27	107	2
CONTIG-063276	173	9	8	12	6
CONTIG-063277	130	10	15	32	0
CONTIG-063278	80	31	15	106	0
CONTIG-063279	70	6	6	19	0
CONTIG-063281	69	3	0	6	0
CONTIG-063282	238	27	15	387	0
CONTIG-063283	90	8	0	26	0
CONTIG-063284	103	8	5	24	0
CONTIG-063285	79	4	9	2	0
CONTIG-063286	198	9	5	32	0
CONTIG-063287	168	7	9	23	0
CONTIG-063288	246	7	16	62	0
CONTIG-063289	178	8	0	48	0
CONTIG-063290	179	10	6	3	0
CONTIG-063291	212	8	13	35	0
CONTIG-063292	121	5	0	16	0
CONTIG-063293	136	8	2	54	0
CONTIG-063294	139	5	0	6	0
CONTIG-063295	446	12	17	174	0
CONTIG-063296	111	5	4	7	0
CONTIG-063297	94	3	2	10	0
CONTIG-063298	99	7	2	17	0
CONTIG-063299	60	4	3	8	0
CONTIG-063300	140	209	25	1546	0
CONTIG-063301	97	4	2	19	0
CONTIG-063302	421	13	24	144	0
CONTIG-063303	152	9	2	25	0
CONTIG-063304	61	11	0	13	0
CONTIG-063306	965	30	42	1268	23
CONTIG-063307	101	5	10	12	0
CONTIG-063308	433	13	8	25	0

CONTIG-063309	129	6	8	24	0
CONTIG-063310	133	6	4	19	0
CONTIG-063312	67	6	6	7	0
CONTIG-063313	190	9	10	34	2
CONTIG-063316	169	6	3	28	0
CONTIG-063317	111	10	11	18	2
CONTIG-063318	67	6	4	0	0
CONTIG-063319	151	6	12	15	0
CONTIG-063320	64	2	0	4	0
CONTIG-063321	116	8	0	0	0
CONTIG-063322	175	11	20	54	0
CONTIG-063323	285	18	8	231	0
CONTIG-063324	87	3	4	6	0
CONTIG-063325	276	10	21	70	0
CONTIG-063327	126	6	3	22	0
CONTIG-063328	124	6	5	25	0
CONTIG-063329	177	14	11	82	0
CONTIG-063330	226	9	39	40	0
CONTIG-063331	99	10	9	41	0
CONTIG-063332	104	8	3	25	0
CONTIG-063333	263	5	16	32	2
CONTIG-063334	245	8	12	47	0
CONTIG-063337	381	10	63	118	0
CONTIG-063338	343	7	3	64	0
CONTIG-063339	175	7	28	16	0
CONTIG-063340	261	16	2	167	0
CONTIG-063341	77	6	0	10	0
CONTIG-063342	176	56	0	0	60
CONTIG-063343	102	3	0	6	0
CONTIG-063344	63	4	0	0	0
CONTIG-063345	138	6	6	25	2
CONTIG-063346	63	3	0	0	0
CONTIG-063347	142	5	5	19	0
CONTIG-063348	278	14	68	123	0
CONTIG-063349	215	10	6	64	0
CONTIG-063351	294	6	3	47	0
CONTIG-063352	130	7	7	27	0
CONTIG-063354	101	5	7	0	0
CONTIG-063355	204	157	8	0	0
CONTIG-063356	63	10	28	0	0
CONTIG-063357	110	5	8	17	0
CONTIG-063358	59	4	10	0	0
CONTIG-063359	163	8	7	30	2
CONTIG-063360	81	14	13	11	0
CONTIG-063361	159	4	8	15	0
CONTIG-063362	597	17	56	349	0
CONTIG-063363	109	17	15	29	0

CONTIG-063364	187	5	11	34	0
CONTIG-063365	92	6	11	5	0
CONTIG-063366	137	18	3	105	0
CONTIG-063368	82	2	2	2	0
CONTIG-063369	74	451	14	205	0
CONTIG-063372	60	4	6	2	0
CONTIG-063373	71	5	5	3	0
CONTIG-063374	64	7	4	10	0
CONTIG-063375	383	9	20	64	2
CONTIG-063376	141	9	13	38	0
CONTIG-063377	314	12	21	75	2
CONTIG-063378	65	4	8	5	0
CONTIG-063379	63	8	0	5	0
CONTIG-063380	143	25	43	160	0
CONTIG-063381	80	3	2	5	0
CONTIG-063382	217	27	11	0	49
CONTIG-063383	159	6	15	9	0
CONTIG-063384	148	5	2	20	2
CONTIG-063389	842	19	27	250	2
CONTIG-063390	233	4	3	13	0
CONTIG-063391	112	6	8	19	2
CONTIG-063392	377	27	0	0	90
CONTIG-063393	412	20	12	132	2
CONTIG-063394	146	5	9	17	0
CONTIG-063395	75	9	7	0	0
CONTIG-063396	81	7	4	15	0
CONTIG-063399	212	9	9	43	0
CONTIG-063400	266	14	8	124	2
CONTIG-063402	59	3	3	4	0
CONTIG-063403	79	4	0	13	0
CONTIG-063404	67	26	24	64	0
CONTIG-063405	578	13	23	193	18
CONTIG-063406	159	3	0	13	2
CONTIG-063407	108	7	2	23	0
CONTIG-063408	80	6	17	2	0
CONTIG-063411	146	6	2	12	0
CONTIG-063412	184	7	0	22	0
CONTIG-063413	143	6	0	33	0
CONTIG-063414	78	5	2	10	0
CONTIG-063417	315	12	14	199	0
CONTIG-063418	176	9	4	66	0
CONTIG-063419	66	8	2	3	0
CONTIG-063421	100	18	23	76	0
CONTIG-063422	91	17	15	38	0
CONTIG-063423	288	14	3	0	4
CONTIG-063424	114	9	2	19	0
CONTIG-063426	196	8	4	39	0

CONTIG-063427	315	19	8	100	0
CONTIG-063428	234	7	4	41	0
CONTIG-063429	275	17	12	207	6
CONTIG-063430	61	5	0	10	0
CONTIG-063431	176	14	14	0	0
CONTIG-063432	88	6	3	9	0
CONTIG-063433	77	6	0	14	0
CONTIG-063434	146	5	7	18	0
CONTIG-063435	445	13	6	29	0
CONTIG-063436	430	27	2	0	84
CONTIG-063437	222	17	5	120	0
CONTIG-063438	501	12	11	44	0
CONTIG-063439	144	7	5	28	0
CONTIG-063440	87	15	22	11	0
CONTIG-063441	74	5	7	9	0
CONTIG-063442	60	12	6	0	0
CONTIG-063443	58	2	4	0	0
CONTIG-063444	70	19	19	2	0
CONTIG-063445	309	6	5	39	0
CONTIG-063446	284	7	0	29	3
CONTIG-063447	116	5	2	10	0
CONTIG-063448	242	8	35	39	0
CONTIG-063449	90	15	0	0	0
CONTIG-063450	56	6	3	6	0
CONTIG-063451	101	4	2	6	0
CONTIG-063452	73	4	4	8	0
CONTIG-063453	207	12	23	100	0
CONTIG-063454	135	10	3	27	0
CONTIG-063455	248	10	2	16	0
CONTIG-063456	364	7	2	29	0
CONTIG-063458	223	12	4	71	0
CONTIG-063459	101	6	5	20	0
CONTIG-063460	175	4	5	23	0
CONTIG-063461	63	4	5	6	0
CONTIG-063462	218	8	8	26	0
CONTIG-063463	162	8	32	19	0
CONTIG-063465	201	8	4	32	0
CONTIG-063466	143	7	5	23	0
CONTIG-063467	241	8	9	30	0
CONTIG-063468	114	7	8	14	0
CONTIG-063470	101	3	0	8	0
CONTIG-063471	68	3	0	3	0
CONTIG-063472	244	10	6	82	0
CONTIG-063473	164	8	8	49	0
CONTIG-063474	169	8	4	63	0
CONTIG-063475	117	2	0	4	0
CONTIG-063476	81	5	12	2	0

CONTIG-063477	155	4	4	8	0
CONTIG-063478	80	6	10	15	0
CONTIG-063479	185	5	4	17	0
CONTIG-063480	242	37	26	141	6
CONTIG-063481	338	19	18	275	2
CONTIG-063482	63	5	3	10	0
CONTIG-063483	320	9	20	87	0
CONTIG-063484	79	10	7	8	0
CONTIG-063485	77	3	3	5	0
CONTIG-063486	121	7	8	25	0
CONTIG-063487	545	11	16	183	0
CONTIG-063488	79	5	6	12	0
CONTIG-063489	58	8	22	12	0
CONTIG-063490	190	9	5	24	0
CONTIG-063491	124	4	4	0	0
CONTIG-063493	95	8	5	29	0
CONTIG-063494	149	13	9	89	0
CONTIG-063495	401	11	14	144	0
CONTIG-063496	58	13	20	11	0
CONTIG-063497	356	9	11	128	0
CONTIG-063498	127	5	2	11	0
CONTIG-063499	71	11	23	0	0
CONTIG-063500	214	9	6	41	0
CONTIG-063501	286	8	0	0	4
CONTIG-063502	258	7	11	36	0
CONTIG-063503	100	20	0	81	0
CONTIG-063504	301	11	22	111	0
CONTIG-063505	190	10	4	42	2
CONTIG-063506	207	9	12	47	0
CONTIG-063507	94	4	3	6	0
CONTIG-063508	196	10	7	70	0
CONTIG-063509	70	12	26	18	0
CONTIG-063510	84	3	6	6	0
CONTIG-063511	148	6	14	40	0
CONTIG-063512	88	6	3	3	0
CONTIG-063513	109	9	2	44	0
CONTIG-063514	308	6	4	69	0
CONTIG-063515	127	5	7	18	0
CONTIG-063516	213	15	13	112	0
CONTIG-063517	70	4	11	0	0
CONTIG-063518	162	5	4	15	2
CONTIG-063519	337	13	15	198	0
CONTIG-063520	204	5	10	20	0
CONTIG-063521	86	3	8	5	0
CONTIG-063522	184	9	8	65	0
CONTIG-063523	163	4	5	2	0
CONTIG-063524	92	10	10	19	0

CONTIG-063525	88	4	0	9	0
CONTIG-063526	118	8	8	4	0
CONTIG-063527	304	29	54	317	0
CONTIG-063529	207	21	24	93	0
CONTIG-063530	110	7	14	14	0
CONTIG-063531	62	9	20	7	0
CONTIG-063532	246	27	18	76	0
CONTIG-063533	211	6	11	22	0
CONTIG-063534	125	7	0	30	0
CONTIG-063535	127	14	30	23	0
CONTIG-063536	68	2	2	4	0
CONTIG-063537	60	7	4	12	4
CONTIG-063538	62	11	2	29	0
CONTIG-063539	60	25	13	13	0
CONTIG-063544	151	4	2	17	0
CONTIG-063545	90	5	0	10	0
CONTIG-063546	249	15	36	104	0
CONTIG-063547	179	17	8	29	0
CONTIG-063548	60	6	8	13	0
CONTIG-063549	207	9	15	22	0
CONTIG-063550	119	5	11	12	0
CONTIG-063551	64	6	12	0	2
CONTIG-063552	187	9	2	19	2
CONTIG-063553	679	11	20	241	8
CONTIG-063554	83	6	2	21	0
CONTIG-063555	196	8	6	27	0
CONTIG-063556	258	7	13	26	0
CONTIG-063557	77	6	4	17	0
CONTIG-063558	115	13	18	24	2
CONTIG-063559	82	6	6	15	0
CONTIG-063560	92	5	0	10	0
CONTIG-063561	205	6	2	22	0
CONTIG-063562	278	26	16	10	16
CONTIG-063563	166	15	26	70	0
CONTIG-063564	221	10	5	49	0
CONTIG-063566	65	4	11	7	0
CONTIG-063567	267	26	7	350	0
CONTIG-063569	71	11	8	18	0
CONTIG-063571	252	11	10	48	2
CONTIG-063572	89	8	0	0	0
CONTIG-063573	110	3	3	8	0
CONTIG-063574	122	12	12	24	0
CONTIG-063575	109	11	13	40	0
CONTIG-063576	470	11	44	107	2
CONTIG-063577	112	22	2	53	0
CONTIG-063578	298	22	25	255	2
CONTIG-063579	119	22	24	116	2

CONTIG-063580	1006	18	20	19	0
CONTIG-063581	335	10	14	0	39
CONTIG-063582	585	15	12	321	2
CONTIG-063583	70	5	3	11	0
CONTIG-063584	139	10	3	53	0
CONTIG-063585	163	9	11	42	0
CONTIG-063586	720	10	3	280	9
CONTIG-063587	168	5	26	12	0
CONTIG-063588	1095	14	20	0	69
CONTIG-063589	94	9	13	13	2
CONTIG-063590	264	9	5	0	0
CONTIG-063591	95	7	5	24	0
CONTIG-063592	390	21	14	251	15
CONTIG-063594	147	8	20	45	0
CONTIG-063595	59	12	30	11	0
CONTIG-063596	74	3	3	4	0
CONTIG-063597	428	13	18	235	0
CONTIG-063598	85	8	20	15	0
CONTIG-063599	180	7	20	24	0
CONTIG-063600	281	6	0	34	0
CONTIG-063601	129	12	10	33	0
CONTIG-063602	391	19	6	35	0
CONTIG-063603	302	9	22	85	0
CONTIG-063604	117	9	6	30	0
CONTIG-063605	290	14	8	108	6
CONTIG-063606	866	31	8	4	0
CONTIG-063607	70	8	6	12	0
CONTIG-063608	105	11	12	36	0
CONTIG-063609	95	7	17	25	0
CONTIG-063610	265	13	15	130	0
CONTIG-063611	68	4	0	3	0
CONTIG-063612	192	5	0	0	0
CONTIG-063613	275	16	5	157	0
CONTIG-063614	224	4	3	45	0
CONTIG-063615	181	6	9	40	0
CONTIG-063616	103	9	0	23	0
CONTIG-063617	76	4	3	0	0
CONTIG-063618	71	9	13	10	0
CONTIG-063619	131	32	7	244	0
CONTIG-063620	266	11	14	98	3
CONTIG-063621	63	5	4	4	0
CONTIG-063622	65	5	0	3	0
CONTIG-063623	128	5	0	17	0
CONTIG-063624	307	6	0	58	0
CONTIG-063625	105	17	10	82	0
CONTIG-063626	69	6	2	9	2
CONTIG-063627	70	4	4	3	0

CONTIG-063628	139	12	10	49	0
CONTIG-063629	74	8	8	5	0
CONTIG-063630	131	21	37	111	0
CONTIG-063631	121	8	3	33	0
CONTIG-063632	68	14	0	0	0
CONTIG-063633	151	20	9	124	0
CONTIG-063634	64	9	4	22	0
CONTIG-063635	71	3	0	0	0
CONTIG-063636	117	10	20	52	0
CONTIG-063637	58	4	5	5	0
CONTIG-063638	79	4	2	2	0
CONTIG-063639	101	11	5	39	0
CONTIG-063641	114	10	6	22	4
CONTIG-063642	82	5	7	11	0
CONTIG-063643	83	8	5	12	0
CONTIG-063644	230	11	0	120	4
CONTIG-063645	102	16	6	55	4
CONTIG-063646	58	7	8	12	0
CONTIG-063647	78	36	17	80	0
CONTIG-063648	86	7	3	2	0
CONTIG-063649	91	14	0	22	0
CONTIG-063650	95	7	3	0	0
CONTIG-063651	63	6	6	15	0
CONTIG-063652	87	6	2	21	0
CONTIG-063653	108	7	0	27	0
CONTIG-063654	117	6	3	16	0
CONTIG-063656	77	6	3	15	0
CONTIG-063657	185	8	15	43	0
CONTIG-063658	89	3	0	10	0
CONTIG-063659	308	10	9	67	0
CONTIG-063660	263	8	6	72	0
CONTIG-063661	390	23	32	408	0
CONTIG-063662	206	9	6	69	0
CONTIG-063663	108	7	20	8	0
CONTIG-063664	117	8	4	23	2
CONTIG-063665	154	16	23	90	0
CONTIG-063668	62	4	0	11	0
CONTIG-063669	62	5	2	7	0
CONTIG-063670	140	9	16	28	0
CONTIG-063671	196	9	4	37	0
CONTIG-063672	121	7	0	17	0
CONTIG-063673	126	7	9	15	0
CONTIG-063674	633	15	12	33	0
CONTIG-063676	685	20	2	0	65
CONTIG-063677	91	3	3	8	0
CONTIG-063678	334	9	42	4	0
CONTIG-063679	108	5	9	14	0

CONTIG-063680	62	4	2	5	0
CONTIG-063681	127	7	3	27	2
CONTIG-063682	118	6	11	9	0
CONTIG-063683	99	8	4	12	0
CONTIG-063684	200	11	2	58	2
CONTIG-063685	73	12	10	21	0
CONTIG-063686	419	8	19	133	0
CONTIG-063687	83	5	2	11	0
CONTIG-063688	78	18	12	41	0
CONTIG-063689	88	8	13	2	0
CONTIG-063690	110	15	17	41	0
CONTIG-063691	92	2	2	2	0
CONTIG-063692	117	16	9	72	0
CONTIG-063693	176	11	10	33	0
CONTIG-063694	62	5	8	9	0
CONTIG-063695	192	7	8	30	0
CONTIG-063696	373	12	15	203	3
CONTIG-063697	109	7	6	14	0
CONTIG-063698	123	8	6	34	0
CONTIG-063699	124	29	20	173	0
CONTIG-063700	177	9	0	0	0
CONTIG-063701	59	10	11	0	0
CONTIG-063702	68	5	5	4	0
CONTIG-063703	156	16	12	38	0
CONTIG-063704	68	8	2	5	0
CONTIG-063705	194	8	2	49	0
CONTIG-063706	91	4	6	10	0
CONTIG-063707	116	7	5	20	0
CONTIG-063708	198	11	7	0	0
CONTIG-063709	147	10	7	65	0
CONTIG-063710	106	7	3	19	0
CONTIG-063713	74	4	0	4	0
CONTIG-063714	80	11	21	21	0
CONTIG-063715	102	3	0	11	0
CONTIG-063716	233	8	19	56	2
CONTIG-063717	130	9	26	42	0
CONTIG-063718	217	17	6	110	0
CONTIG-063719	78	22	7	59	0
CONTIG-063720	86	7	25	5	0
CONTIG-063721	89	11	14	9	0
CONTIG-063722	370	12	0	0	2
CONTIG-063723	107	33	30	103	0
CONTIG-063724	66	7	2	19	0
CONTIG-063725	355	16	18	210	0
CONTIG-063726	73	12	20	28	0
CONTIG-063727	153	16	5	58	0
CONTIG-063728	76	6	2	13	0

CONTIG-063729	84	6	0	13	0
CONTIG-063730	404	9	67	125	0
CONTIG-063731	122	5	4	14	0
CONTIG-063732	84	5	0	12	0
CONTIG-063733	44	179	4	263	2
CONTIG-063734	289	6	17	21	0
CONTIG-063735	216	27	6	0	53
CONTIG-063736	142	6	6	20	0
CONTIG-063737	139	8	22	2	2
CONTIG-063738	168	7	7	30	0
CONTIG-063739	271	14	6	156	0
CONTIG-063740	213	5	7	17	0
CONTIG-063741	114	4	4	4	0
CONTIG-063742	55	148	0	0	22
CONTIG-063744	127	4	2	7	0
CONTIG-063745	653	13	6	219	5
CONTIG-063746	99	5	9	5	0
CONTIG-063747	208	7	18	25	0
CONTIG-063749	109	3	0	8	0
CONTIG-063750	157	6	6	5	0
CONTIG-063751	114	5	5	15	0
CONTIG-063752	70	4	3	7	0
CONTIG-063753	79	2	0	0	0
CONTIG-063754	291	8	17	52	0
CONTIG-063755	102	15	14	16	0
CONTIG-063756	337	10	34	91	0
CONTIG-063757	68	6	4	6	0
CONTIG-063758	100	6	5	9	0
CONTIG-063759	432	6	0	46	2
CONTIG-063760	114	8	7	23	0
CONTIG-063763	76	309	15	450	19
CONTIG-063764	169	9	8	43	2
CONTIG-063765	136	4	9	6	0
CONTIG-063766	158	11	10	48	0
CONTIG-063767	134	8	13	27	0
CONTIG-063768	149	5	2	11	2
CONTIG-063769	106	3	13	2	0
CONTIG-063770	219	5	4	39	0
CONTIG-063771	43	12	2	16	0
CONTIG-063772	296	16	26	158	0
CONTIG-063773	63	4	10	4	0
CONTIG-063774	175	8	9	46	3
CONTIG-063775	164	7	2	35	4
CONTIG-063782	67	6	0	15	0
CONTIG-063783	401	6	9	54	0
CONTIG-063784	113	6	4	7	0
CONTIG-063785	84	4	8	2	2

CONTIG-063787	96	4	0	8	0
CONTIG-063788	296	7	12	65	0
CONTIG-063789	130	6	0	19	0
CONTIG-063790	66	6	6	7	0
CONTIG-063791	306	15	12	121	0
CONTIG-063792	147	8	14	54	0
CONTIG-063794	91	6	0	0	2
CONTIG-063795	58	5	6	2	0
CONTIG-063796	41	15	0	2	0
CONTIG-063797	66	3	6	11	0
CONTIG-063798	81	10	7	35	0
CONTIG-063799	101	3	0	0	0
CONTIG-063800	241	7	0	20	2
CONTIG-063801	67	6	4	5	0
CONTIG-063802	80	5	14	6	0
CONTIG-063803	60	6	5	2	0
CONTIG-063804	76	5	0	2	0
CONTIG-063806	219	12	30	102	0
CONTIG-063810	97	7	17	21	0
CONTIG-063811	95	4	0	17	0
CONTIG-063812	98	15	12	50	2
CONTIG-063813	78	12	0	30	0
CONTIG-063814	866	17	5	536	0
CONTIG-063815	375	11	8	174	0
CONTIG-063816	147	7	0	24	2
CONTIG-063817	104	7	2	28	0
CONTIG-063818	100	3	4	9	0
CONTIG-063819	185	5	4	27	0
CONTIG-063827	287	10	50	89	0
CONTIG-063828	83	5	7	12	0
CONTIG-063829	122	7	0	23	0
CONTIG-063830	94	10	2	2	0
CONTIG-063831	224	6	18	51	0
CONTIG-063834	324	15	11	256	0
CONTIG-063835	63	5	0	0	0
CONTIG-063836	81	5	3	13	0
CONTIG-063837	172	9	6	31	0
CONTIG-063839	351	12	4	161	4
CONTIG-063840	84	8	8	16	0
CONTIG-063841	63	4	0	2	0
CONTIG-063842	71	6	4	17	0
CONTIG-063843	82	4	9	6	0
CONTIG-063844	162	13	4	4	0
CONTIG-063845	53	42	11	84	0
CONTIG-063846	257	9	5	85	0
CONTIG-063847	62	3	6	3	0
CONTIG-063848	317	12	10	108	4

CONTIG-063850	456	17	25	239	2
CONTIG-063851	174	19	8	171	0
CONTIG-063853	59	6	5	0	0
CONTIG-063854	93	8	2	0	0
CONTIG-063863	67	3	0	5	0
CONTIG-063864	180	30	47	201	0
CONTIG-063865	106	7	8	26	0
CONTIG-063866	139	8	0	46	0
CONTIG-063867	59	3	0	2	0
CONTIG-063868	256	7	13	51	0
CONTIG-063869	64	2	0	2	0
CONTIG-063870	580	8	9	138	0
CONTIG-063871	59	12	5	32	0
CONTIG-063872	65	9	13	12	0
CONTIG-063873	244	11	7	65	0
CONTIG-063874	126	4	7	15	0
CONTIG-063875	177	9	2	31	0
CONTIG-063876	113	10	4	42	0
CONTIG-063877	203	7	9	39	0
CONTIG-063878	295	18	16	239	2
CONTIG-063879	264	7	6	75	0
CONTIG-063880	63	6	6	14	0
CONTIG-063881	66	8	2	6	0
CONTIG-063882	77	6	0	11	0
CONTIG-063883	67	36	6	62	0
CONTIG-063884	179	6	2	17	2
CONTIG-063885	491	10	10	163	2
CONTIG-063886	94	7	2	30	0
CONTIG-063887	87	20	11	37	6
CONTIG-063889	58	2	0	3	0
CONTIG-063890	622	7	43	114	0
CONTIG-063891	182	9	5	22	0
CONTIG-063892	114	6	9	29	0
CONTIG-063893	257	15	15	111	2
CONTIG-063894	174	6	7	13	0
CONTIG-063895	162	6	27	5	0
CONTIG-063896	66	3	2	6	0
CONTIG-063897	64	3	0	3	0
CONTIG-063898	64	172	0	0	6
CONTIG-063899	472	8	5	20	0
CONTIG-063900	219	6	4	32	0
CONTIG-063901	114	6	33	6	0
CONTIG-063902	75	10	4	19	0
CONTIG-063903	128	7	2	4	0
CONTIG-063904	168	5	6	26	0
CONTIG-063905	659	14	5	409	0
CONTIG-063906	208	9	9	51	0

CONTIG-063907	314	8	8	73	0
CONTIG-063908	119	5	0	25	0
CONTIG-063909	97	7	8	22	0
CONTIG-063910	59	3	3	5	0
CONTIG-063911	318	11	9	128	0
CONTIG-063912	173	10	22	10	3
CONTIG-063913	108	6	7	9	0
CONTIG-063916	90	6	4	10	2
CONTIG-063917	73	2	3	0	0
CONTIG-063918	133	7	8	2	0
CONTIG-063919	81	10	13	34	0
CONTIG-063920	60	6	25	0	0
CONTIG-063921	109	4	0	15	0
CONTIG-063922	61	3	2	0	0
CONTIG-063923	77	4	2	7	0
CONTIG-063924	152	5	5	25	0
CONTIG-063925	110	7	5	31	0
CONTIG-063927	116	13	6	72	0
CONTIG-063928	184	10	4	64	0
CONTIG-063929	87	3	0	8	0
CONTIG-063930	93	3	4	11	0
CONTIG-063931	77	5	3	5	0
CONTIG-063932	127	6	7	20	0
CONTIG-063933	62	3	0	4	0
CONTIG-063934	69	2	2	0	0
CONTIG-063935	226	11	7	95	0
CONTIG-063936	296	14	43	131	0
CONTIG-063942	105	4	0	7	0
CONTIG-063943	107	8	2	13	2
CONTIG-063944	95	15	27	42	0
CONTIG-063945	89	32	6	8	0
CONTIG-063946	266	6	7	19	4
CONTIG-063947	461	21	2	0	80
CONTIG-063948	122	5	2	24	0
CONTIG-063949	294	14	30	59	0
CONTIG-063950	102	5	2	8	2
CONTIG-063951	97	7	4	19	0
CONTIG-063957	309	11	26	133	0
CONTIG-063958	157	9	9	47	0
CONTIG-063959	73	8	0	0	0
CONTIG-063960	72	4	2	0	0
CONTIG-063961	279	5	4	18	0
CONTIG-063962	1089	19	12	643	19
CONTIG-063965	146	11	8	42	2
CONTIG-063966	118	12	5	45	0
CONTIG-063967	68	5	9	13	0
CONTIG-063968	266	8	10	52	0

CONTIG-063969	185	12	4	81	0
CONTIG-063970	193	12	25	76	0
CONTIG-063971	80	4	7	8	0
CONTIG-063972	109	6	15	8	0
CONTIG-063973	71	11	26	21	0
CONTIG-063977	234	11	21	78	2
CONTIG-063978	75	23	6	47	2
CONTIG-063979	112	9	13	31	0
CONTIG-063981	180	7	8	33	0
CONTIG-063982	139	8	12	35	0
CONTIG-063983	126	12	16	77	0
CONTIG-063984	138	6	4	36	0
CONTIG-063985	70	3	2	0	0
CONTIG-063986	134	8	3	0	0
CONTIG-063987	58	44	6	95	0
CONTIG-063988	112	8	0	25	0
CONTIG-063989	63	5	5	4	0
CONTIG-063990	100	6	13	16	0
CONTIG-063991	332	5	5	16	0
CONTIG-063992	102	5	2	4	0
CONTIG-063993	125	6	4	10	0
CONTIG-063994	176	5	17	11	0
CONTIG-063995	141	3	7	4	0
CONTIG-063997	228	9	23	40	2
CONTIG-064000	68	4	2	0	0
CONTIG-064002	236	12	13	137	0
CONTIG-064003	64	4	7	5	0
CONTIG-064004	118	5	0	19	0
CONTIG-064005	79	7	9	13	0
CONTIG-064006	87	5	7	7	0
CONTIG-064007	151	8	5	46	0
CONTIG-064011	67	5	10	0	0
CONTIG-064012	241	6	12	45	2
CONTIG-064013	113	5	6	0	0
CONTIG-064014	265	10	26	78	0
CONTIG-064015	65	6	0	2	0
CONTIG-064016	82	3	5	4	0
CONTIG-064017	71	11	15	24	0
CONTIG-064018	83	4	2	13	2
CONTIG-064019	87	15	5	52	0
CONTIG-064020	67	236	0	0	117
CONTIG-064021	222	12	38	51	5
CONTIG-064022	207	18	2	63	9
CONTIG-064024	100	13	8	57	0
CONTIG-064025	204	6	9	30	0
CONTIG-064026	175	10	0	53	0
CONTIG-064027	70	664	4	581	96

CONTIG-064029	114	10	7	20	0
CONTIG-064030	74	5	6	5	0
CONTIG-064031	67	7	6	10	0
CONTIG-064032	68	9	3	2	0
CONTIG-064033	307	11	26	96	0
CONTIG-064038	82	6	20	5	0
CONTIG-064044	118	11	28	8	0
CONTIG-064045	484	12	7	118	4
CONTIG-064046	80	7	2	13	0
CONTIG-064047	129	6	8	27	0
CONTIG-064048	74	9	0	0	2
CONTIG-064049	234	10	18	53	0
CONTIG-064050	192	14	7	0	12
CONTIG-064051	190	5	9	23	0
CONTIG-064054	141	5	5	29	0
CONTIG-064055	96	3	2	12	0
CONTIG-064056	63	5	8	0	0
CONTIG-064058	87	8	11	2	0
CONTIG-064059	112	5	9	6	0
CONTIG-064060	103	4	8	0	2
CONTIG-064061	86	4	4	4	0
CONTIG-064062	63	3	0	4	0
CONTIG-064064	318	15	8	108	0
CONTIG-064065	395	15	37	256	0
CONTIG-064066	86	7	2	13	0
CONTIG-064067	129	5	14	7	0
CONTIG-064068	119	7	3	0	0
CONTIG-064069	211	11	11	63	0
CONTIG-064070	428	10	4	141	2
CONTIG-064071	68	5	5	13	0
CONTIG-064072	171	6	5	29	0
CONTIG-064073	1510	28	4	2	639
CONTIG-064074	63	9	8	16	0
CONTIG-064075	349	9	9	118	0
CONTIG-064076	257	6	5	53	0
CONTIG-064078	347	9	4	46	6
CONTIG-064080	317	42	8	0	0
CONTIG-064081	88	9	0	17	0
CONTIG-064084	288	20	7	255	2
CONTIG-064085	336	12	6	67	0
CONTIG-064086	67	6	22	0	0
CONTIG-064087	167	15	23	67	2
CONTIG-064088	65	5	0	11	0
CONTIG-064091	115	5	2	15	0
CONTIG-064092	283	20	0	2	52
CONTIG-064093	167	8	13	32	0
CONTIG-064094	173	4	18	13	0

CONTIG-064095	214	13	20	27	0
CONTIG-064096	188	7	5	43	0
CONTIG-064097	104	7	37	5	0
CONTIG-064098	136	9	10	38	0
CONTIG-064099	63	4	4	9	0
CONTIG-064100	201	7	4	45	0
CONTIG-064101	127	4	3	14	0
CONTIG-064110	95	16	8	76	0
CONTIG-064111	354	10	15	114	2
CONTIG-064112	99	4	0	10	0
CONTIG-064120	168	20	9	73	0
CONTIG-064121	159	8	6	24	0
CONTIG-064122	132	6	3	15	0
CONTIG-064123	81	14	14	20	4
CONTIG-064124	183	11	4	53	0
CONTIG-064125	72	12	3	12	0
CONTIG-064129	73	6	11	4	0
CONTIG-064130	90	17	8	51	0
CONTIG-064131	173	4	5	23	0
CONTIG-064134	213	16	22	74	0
CONTIG-064135	371	7	3	69	0
CONTIG-064136	59	4	2	2	0
CONTIG-064137	71	147	57	485	0
CONTIG-064138	83	3	5	6	0
CONTIG-064139	84	10	23	20	0
CONTIG-064140	61	4	2	9	0
CONTIG-064141	208	10	4	31	2
CONTIG-064142	170	8	6	44	0
CONTIG-064143	410	12	17	131	2
CONTIG-064144	188	6	18	38	0
CONTIG-064145	134	7	11	27	0
CONTIG-064146	77	5	5	11	2
CONTIG-064147	132	8	3	45	0
CONTIG-064148	246	7	15	60	4
CONTIG-064149	78	7	4	9	0
CONTIG-064150	215	7	0	23	0
CONTIG-064151	128	37	28	121	0
CONTIG-064152	104	17	7	54	0
CONTIG-064153	91	26	27	85	0
CONTIG-064154	67	11	8	10	0
CONTIG-064155	94	11	24	14	0
CONTIG-064156	235	5	2	8	0
CONTIG-064158	79	4	4	10	0
CONTIG-064159	108	5	6	13	0
CONTIG-064160	81	5	9	11	0
CONTIG-064161	233	9	23	75	0
CONTIG-064162	124	38	12	180	0

CONTIG-064163	119	13	2	25	0
CONTIG-064164	81	10	39	21	0
CONTIG-064165	104	13	13	60	0
CONTIG-064166	432	8	2	89	0
CONTIG-064167	104	6	3	14	0
CONTIG-064168	149	10	11	35	0
CONTIG-064169	64	12	23	26	0
CONTIG-064172	63	7	3	15	0
CONTIG-064173	68	727	7	641	37
CONTIG-064174	95	11	7	0	0
CONTIG-064175	280	130	17	2010	2
CONTIG-064176	81	11	8	12	2
CONTIG-064177	71	14	15	2	0
CONTIG-064178	112	14	0	74	0
CONTIG-064179	81	5	4	2	0
CONTIG-064180	137	5	8	20	0
CONTIG-064181	68	4	18	5	0
CONTIG-064182	63	6	4	3	0
CONTIG-064183	104	6	11	12	0
CONTIG-064184	86	6	10	14	0
CONTIG-064185	129	5	4	0	0
CONTIG-064186	177	8	8	33	0
CONTIG-064187	134	7	4	14	0
CONTIG-064188	64	15	2	48	0
CONTIG-064189	180	12	7	82	2
CONTIG-064190	68	6	3	12	0
CONTIG-064191	104	7	21	21	0
CONTIG-064192	246	7	15	65	0
CONTIG-064193	100	8	24	13	0
CONTIG-064194	342	15	24	181	0
CONTIG-064195	62	5	6	0	0
CONTIG-064196	416	11	2	203	4
CONTIG-064197	127	10	0	0	3
CONTIG-064198	39	134	3	207	0
CONTIG-064199	63	3	8	0	0
CONTIG-064200	180	9	5	54	0
CONTIG-064201	143	5	5	13	2
CONTIG-064202	191	7	15	33	0
CONTIG-064203	60	11	7	12	0
CONTIG-064204	99	5	6	8	0
CONTIG-064205	67	6	8	4	0
CONTIG-064206	372	10	7	90	2
CONTIG-064207	154	10	16	13	0
CONTIG-064209	77	3	0	6	0
CONTIG-064210	254	5	2	22	0
CONTIG-064211	145	6	10	25	0
CONTIG-064212	87	19	5	97	0

CONTIG-064213	228	9	14	83	0
CONTIG-064215	59	2	2	0	0
CONTIG-064216	41	769	5	588	0
CONTIG-064217	71	6	2	11	0
CONTIG-064218	79	8	3	17	0
CONTIG-064219	121	13	3	2	0
CONTIG-064220	753	11	2	0	38
CONTIG-064221	82	11	11	17	0
CONTIG-064223	239	7	5	29	0
CONTIG-064224	282	5	14	34	0
CONTIG-064226	202	8	2	55	0
CONTIG-064227	83	11	0	2	0
CONTIG-064228	79	6	4	8	0
CONTIG-064229	450	7	5	59	0
CONTIG-064230	260	12	2	84	3
CONTIG-064231	156	13	15	62	0
CONTIG-064232	58	3	2	0	0
CONTIG-064233	99	8	9	37	2
CONTIG-064234	70	5	0	17	0
CONTIG-064235	71	5	0	6	0
CONTIG-064236	253	11	9	74	0
CONTIG-064237	111	7	2	28	0
CONTIG-064238	586	12	10	182	0
CONTIG-064239	179	9	17	34	0
CONTIG-064240	117	6	2	17	0
CONTIG-064241	100	19	13	62	0
CONTIG-064242	611	14	12	333	0
CONTIG-064243	419	11	6	178	0
CONTIG-064244	127	7	2	25	0
CONTIG-064245	95	17	2	32	0
CONTIG-064246	84	5	2	17	0
CONTIG-064247	77	3	2	0	0
CONTIG-064249	153	9	5	41	0
CONTIG-064250	162	6	4	0	4
CONTIG-064251	206	6	13	31	0
CONTIG-064252	115	5	2	4	0
CONTIG-064253	124	4	3	3	0
CONTIG-064254	70	7	14	2	0
CONTIG-064255	89	9	24	16	0
CONTIG-064256	137	11	5	79	0
CONTIG-064257	83	4	5	2	0
CONTIG-064258	152	16	26	47	2
CONTIG-064259	112	13	16	17	0
CONTIG-064260	59	11	7	23	0
CONTIG-064261	301	6	14	32	0
CONTIG-064262	252	10	23	76	0
CONTIG-064263	505	10	13	45	2

CONTIG-064264	141	6	8	18	0
CONTIG-064265	109	6	15	3	0
CONTIG-064266	119	8	11	16	0
CONTIG-064271	147	6	27	20	0
CONTIG-064272	81	3	5	8	0
CONTIG-064273	124	11	2	50	2
CONTIG-064274	420	16	14	175	0
CONTIG-064276	120	5	0	7	0
CONTIG-064277	104	7	13	12	0
CONTIG-064278	256	15	3	109	2
CONTIG-064279	155	10	10	43	0
CONTIG-064280	236	10	9	75	0
CONTIG-064281	686	25	3	61	286
CONTIG-064282	183	8	4	0	0
CONTIG-064283	98	8	2	36	0
CONTIG-064285	39	82	30	27	0
CONTIG-064286	62	6	3	11	0
CONTIG-064287	277	9	10	97	0
CONTIG-064288	196	6	4	23	0
CONTIG-064289	424	9	4	152	0
CONTIG-064299	96	5	5	14	0
CONTIG-064301	97	9	9	17	0
CONTIG-064302	104	7	16	8	0
CONTIG-064303	148	33	14	208	0
CONTIG-064304	230	6	0	38	0
CONTIG-064305	83	7	21	3	0
CONTIG-064306	310	21	16	93	18
CONTIG-064308	237	12	16	76	3
CONTIG-064310	59	2	2	4	0
CONTIG-064312	81	6	3	13	0
CONTIG-064313	447	8	4	105	0
CONTIG-064314	130	8	0	47	0
CONTIG-064315	171	15	0	89	0
CONTIG-064316	334	7	10	73	0
CONTIG-064317	120	6	4	27	0
CONTIG-064318	98	6	5	10	0
CONTIG-064319	189	13	15	87	0
CONTIG-064320	68	4	3	0	0
CONTIG-064322	54	330	6	956	0
CONTIG-064323	498	14	7	0	52
CONTIG-064327	312	11	4	95	2
CONTIG-064328	147	6	5	33	0
CONTIG-064329	142	10	25	0	0
CONTIG-064330	80	9	8	29	0
CONTIG-064332	294	10	6	79	0
CONTIG-064333	195	15	11	105	2
CONTIG-064334	216	7	7	25	0

CONTIG-064337	1167	10	6	346	8
CONTIG-064338	86	12	5	20	0
CONTIG-064339	77	26	0	87	0
CONTIG-064340	58	6	0	4	0
CONTIG-064341	208	16	21	92	0
CONTIG-064342	61	14	8	22	0
CONTIG-064343	178	10	7	68	0
CONTIG-064344	72	13	12	19	0
CONTIG-064345	387	8	4	6	0
CONTIG-064346	244	8	15	46	0
CONTIG-064347	59	6	2	4	0
CONTIG-064348	121	8	7	25	0
CONTIG-064349	171	7	2	41	0
CONTIG-064350	65	3	4	2	0
CONTIG-064352	60	3	0	8	0
CONTIG-064353	310	10	6	93	0
CONTIG-064354	95	7	0	15	2
CONTIG-064355	62	3	7	0	0
CONTIG-064356	290	7	8	48	0
CONTIG-064357	63	6	7	14	0
CONTIG-064358	76	4	7	0	0
CONTIG-064359	251	12	7	54	2
CONTIG-064361	77	4	2	0	0
CONTIG-064362	74	3	0	0	0
CONTIG-064363	89	6	4	6	0
CONTIG-064364	262	11	23	62	0
CONTIG-064365	116	10	19	7	0
CONTIG-064366	71	14	19	29	0
CONTIG-064367	82	7	0	25	0
CONTIG-064368	346	8	12	84	0
CONTIG-064370	163	10	2	18	4
CONTIG-064371	383	10	40	121	2
CONTIG-064372	130	5	0	15	0
CONTIG-064373	119	11	14	36	0
CONTIG-064374	674	10	35	267	11
CONTIG-064375	106	10	5	39	0
CONTIG-064376	88	8	0	34	0
CONTIG-064377	59	10	25	19	0
CONTIG-064378	217	9	17	53	2
CONTIG-064379	97	7	4	11	0
CONTIG-064382	72	7	11	13	0
CONTIG-064383	117	3	6	8	0
CONTIG-064384	99	5	6	10	0
CONTIG-064385	85	5	3	12	0
CONTIG-064386	399	12	6	118	0
CONTIG-064387	531	15	36	252	4
CONTIG-064388	71	6	4	8	0

CONTIG-064389	151	10	8	43	0
CONTIG-064390	98	4	5	9	0
CONTIG-064391	64	4	9	4	0
CONTIG-064392	221	10	7	0	3
CONTIG-064393	74	5	8	5	0
CONTIG-064394	171	9	14	33	0
CONTIG-064395	75	7	6	13	0
CONTIG-064396	75	4	4	12	0
CONTIG-064397	493	8	20	111	0
CONTIG-064398	177	50	2	414	2
CONTIG-064399	191	9	26	31	0
CONTIG-064401	474	10	58	102	0
CONTIG-064402	75	3	4	7	0
CONTIG-064403	187	6	5	25	0
CONTIG-064404	65	4	7	4	0
CONTIG-064405	97	4	2	10	0
CONTIG-064406	450	20	5	8	0
CONTIG-064407	383	8	9	50	2
CONTIG-064408	122	6	3	16	0
CONTIG-064410	89	4	2	0	0
CONTIG-064411	84	7	2	6	3
CONTIG-064412	65	5	0	0	0
CONTIG-064413	115	4	2	7	2
CONTIG-064414	79	6	5	2	0
CONTIG-064415	62	5	5	8	0
CONTIG-064416	40	84	4	0	14
CONTIG-064417	199	6	4	42	0
CONTIG-064418	88	7	12	16	0
CONTIG-064419	75	5	0	3	0
CONTIG-064424	82	19	3	52	0
CONTIG-064425	167	12	8	67	0
CONTIG-064426	168	5	17	26	0
CONTIG-064427	62	7	0	13	0
CONTIG-064429	79	3	13	2	0
CONTIG-064430	69	6	0	0	0
CONTIG-064431	70	7	4	4	0
CONTIG-064432	231	15	2	129	5
CONTIG-064433	164	9	6	41	0
CONTIG-064434	123	5	8	9	0
CONTIG-064435	58	4	2	4	0
CONTIG-064436	769	20	3	63	0
CONTIG-064437	144	6	11	36	0
CONTIG-064438	108	5	19	8	0
CONTIG-064439	118	2	2	6	0
CONTIG-064440	357	14	20	134	4
CONTIG-064441	165	9	5	40	2
CONTIG-064443	172	7	18	22	0

CONTIG-064444	76	7	11	4	0
CONTIG-064445	140	9	7	25	0
CONTIG-064446	92	4	3	2	0
CONTIG-064447	75	8	12	14	0
CONTIG-064448	77	9	4	33	0
CONTIG-064449	103	6	2	11	0
CONTIG-064450	106	10	5	38	0
CONTIG-064452	90	4	16	6	0
CONTIG-064453	61	3	4	0	0
CONTIG-064454	180	5	9	9	0
CONTIG-064455	106	7	16	7	0
CONTIG-064456	136	15	21	29	0
CONTIG-064457	59	8	0	2	0
CONTIG-064458	104	6	14	4	0
CONTIG-064459	224	7	0	0	2
CONTIG-064460	280	10	4	116	0
CONTIG-064461	60	5	3	2	0
CONTIG-064462	87	34	5	5	0
CONTIG-064463	376	10	14	127	0
CONTIG-064464	169	14	11	79	2
CONTIG-064465	114	8	9	45	0
CONTIG-064466	58	3	4	3	0
CONTIG-064467	99	9	19	8	0
CONTIG-064468	254	8	9	0	7
CONTIG-064469	58	6	4	12	0
CONTIG-064470	72	7	21	12	0
CONTIG-064471	155	5	12	8	0
CONTIG-064472	113	5	17	2	0
CONTIG-064473	106	5	0	0	0
CONTIG-064475	142	8	10	30	2
CONTIG-064476	170	5	2	17	0
CONTIG-064477	154	7	0	12	0
CONTIG-064479	98	26	13	109	2
CONTIG-064480	362	30	7	472	5
CONTIG-064481	66	6	7	8	0
CONTIG-064482	110	4	3	6	0
CONTIG-064483	189	6	2	30	0
CONTIG-064484	318	6	3	50	0
CONTIG-064485	93	8	17	21	0
CONTIG-064487	63	6	6	20	0
CONTIG-064488	177	7	7	50	0
CONTIG-064489	234	12	2	137	0
CONTIG-064490	120	4	5	18	0
CONTIG-064491	98	9	12	10	0
CONTIG-064492	143	3	5	0	0
CONTIG-064493	64	10	22	21	0
CONTIG-064494	81	8	33	2	0

CONTIG-064495	500	13	15	120	2
CONTIG-064496	82	2	3	4	0
CONTIG-064497	69	6	0	12	2
CONTIG-064498	92	4	10	3	0
CONTIG-064499	83	6	2	17	0
CONTIG-064500	109	10	2	37	0
CONTIG-064501	76	5	7	2	0
CONTIG-064502	103	9	7	22	0
CONTIG-064503	197	10	3	2	0
CONTIG-064504	213	16	33	129	0
CONTIG-064506	273	7	15	76	0
CONTIG-064507	183	4	2	13	0
CONTIG-064508	50	6	0	0	0
CONTIG-064509	93	7	2	28	0
CONTIG-064510	217	5	3	34	0
CONTIG-064511	148	15	5	82	0
CONTIG-064512	144	6	4	21	0
CONTIG-064517	65	4	0	12	0
CONTIG-064518	418	16	15	182	2
CONTIG-064519	74	38	6	39	0
CONTIG-064520	82	5	12	11	0
CONTIG-064521	93	8	0	36	0
CONTIG-064522	128	6	8	24	0
CONTIG-064523	298	9	4	39	0
CONTIG-064524	131	18	3	6	0
CONTIG-064525	101	5	7	11	0
CONTIG-064526	76	7	0	13	0
CONTIG-064527	385	8	17	111	0
CONTIG-064528	77	10	5	14	0
CONTIG-064529	83	7	9	6	2
CONTIG-064530	78	5	5	7	0
CONTIG-064531	290	9	9	8	0
CONTIG-064532	79	7	2	19	0
CONTIG-064533	181	10	7	0	2
CONTIG-064534	91	9	3	25	0
CONTIG-064535	84	9	38	0	0
CONTIG-064536	84	5	6	10	0
CONTIG-064537	91	5	21	7	0
CONTIG-064538	76	4	4	4	0
CONTIG-064539	97	4	2	11	0
CONTIG-064540	320	10	36	140	0
CONTIG-064541	71	4	0	4	0
CONTIG-064542	197	6	0	43	0
CONTIG-064543	186	14	5	80	0
CONTIG-064544	62	4	2	5	0
CONTIG-064545	120	55	35	175	0
CONTIG-064547	164	8	23	58	0

CONTIG-064548	65	6	2	2	0
CONTIG-064549	190	13	34	111	0
CONTIG-064550	209	8	0	54	0
CONTIG-064551	100	5	4	0	0
CONTIG-064552	193	7	3	56	0
CONTIG-064554	163	5	5	16	0
CONTIG-064555	90	4	3	8	0
CONTIG-064556	89	3	0	0	0
CONTIG-064557	98	6	5	17	0
CONTIG-064558	582	12	43	331	0
CONTIG-064559	292	6	15	80	0
CONTIG-064560	215	9	18	69	0
CONTIG-064561	131	9	6	18	0
CONTIG-064562	151	4	3	9	0
CONTIG-064563	195	12	20	72	2
CONTIG-064564	84	9	7	18	0
CONTIG-064565	62	2	4	2	0
CONTIG-064566	87	6	3	13	2
CONTIG-064567	186	7	4	29	2
CONTIG-064568	101	8	7	30	0
CONTIG-064570	802	29	36	621	9
CONTIG-064571	84	3	8	4	0
CONTIG-064572	281	14	12	101	2
CONTIG-064573	568	8	9	93	0
CONTIG-064574	123	9	19	21	0
CONTIG-064575	286	11	0	0	15
CONTIG-064576	152	5	30	7	0
CONTIG-064577	124	19	18	69	2
CONTIG-064578	90	5	10	7	0
CONTIG-064579	221	12	15	24	0
CONTIG-064580	370	7	26	32	2
CONTIG-064581	119	9	27	17	0
CONTIG-064582	69	5	7	8	0
CONTIG-064583	71	3	4	0	0
CONTIG-064584	272	7	2	24	0
CONTIG-064585	91	7	16	19	0
CONTIG-064586	166	4	8	7	0
CONTIG-064587	98	7	9	14	0
CONTIG-064590	350	22	2	0	49
CONTIG-064591	215	6	4	42	0
CONTIG-064592	95	169	2	0	184
CONTIG-064593	322	8	28	70	0
CONTIG-064594	131	19	2	109	0
CONTIG-064595	380	30	0	0	83
CONTIG-064596	248	15	17	177	0
CONTIG-064597	84	5	4	10	0
CONTIG-064598	219	14	6	74	9

CONTIG-064599	171	7	5	17	0
CONTIG-064600	134	10	3	64	0
CONTIG-064601	303	9	7	75	0
CONTIG-064603	136	13	7	53	2
CONTIG-064604	60	4	3	10	0
CONTIG-064605	78	10	10	13	0
CONTIG-064606	78	6	9	13	0
CONTIG-064607	140	8	5	22	0
CONTIG-064608	77	6	2	13	0
CONTIG-064610	92	5	2	16	0
CONTIG-064611	97	8	8	20	0
CONTIG-064615	77	8	0	22	0
CONTIG-064616	98	4	2	16	0
CONTIG-064617	117	192	8	1136	2
CONTIG-064618	196	7	4	17	0
CONTIG-064619	105	11	8	6	0
CONTIG-064621	220	11	39	81	0
CONTIG-064622	240	8	3	17	0
CONTIG-064623	103	3	2	16	0
CONTIG-064624	123	7	0	40	0
CONTIG-064625	134	4	13	0	0
CONTIG-064626	74	35	22	41	2
CONTIG-064627	114	8	14	20	0
CONTIG-064628	90	40	0	180	2
CONTIG-064629	83	5	7	14	0
CONTIG-064630	183	4	7	10	0
CONTIG-064631	240	7	9	54	0
CONTIG-064634	74	6	2	11	0
CONTIG-064635	128	15	4	87	0
CONTIG-064636	342	7	0	108	0
CONTIG-064637	61	2	2	0	0
CONTIG-064638	67	16	2	17	0
CONTIG-064639	357	7	36	54	0
CONTIG-064643	194	7	10	44	0
CONTIG-064644	78	7	9	10	0
CONTIG-064645	146	8	8	14	0
CONTIG-064646	884	11	5	248	2
CONTIG-064651	74	10	3	2	0
CONTIG-064652	295	6	2	44	0
CONTIG-064653	64	2	4	2	0
CONTIG-064654	932	16	12	638	6
CONTIG-064655	69	3	4	4	0
CONTIG-064656	161	7	18	27	0
CONTIG-064657	324	11	14	159	0
CONTIG-064658	74	8	11	14	0
CONTIG-064659	126	7	11	27	0
CONTIG-064661	109	4	4	9	0

CONTIG-064662	142	9	15	12	0
CONTIG-064663	835	12	12	412	0
CONTIG-064664	63	23	9	41	0
CONTIG-064665	62	4	2	4	0
CONTIG-064666	292	9	9	129	0
CONTIG-064667	535	19	6	406	0
CONTIG-064668	152	5	11	0	0
CONTIG-064669	187	9	11	57	0
CONTIG-064670	72	7	13	6	0
CONTIG-064671	87	5	0	8	2
CONTIG-064672	91	4	9	7	0
CONTIG-064673	127	10	5	35	0
CONTIG-064674	144	9	4	55	0
CONTIG-064675	120	5	4	8	0
CONTIG-064676	102	5	0	12	0
CONTIG-064677	247	37	4	11	0
CONTIG-064679	218	8	0	24	0
CONTIG-064680	129	9	11	29	0
CONTIG-064681	105	8	4	17	0
CONTIG-064682	307	24	52	200	0
CONTIG-064683	147	7	4	34	0
CONTIG-064684	169	9	11	25	0
CONTIG-064685	309	15	0	0	53
CONTIG-064686	105	5	4	6	0
CONTIG-064687	202	8	9	65	0
CONTIG-064688	326	10	8	91	0
CONTIG-064689	106	8	11	22	0
CONTIG-064690	203	4	2	21	0
CONTIG-064691	49	63	34	64	0
CONTIG-064692	82	11	6	49	0
CONTIG-064693	105	13	8	41	4
CONTIG-064694	103	7	3	19	0
CONTIG-064695	143	12	5	82	0
CONTIG-064696	60	5	5	5	0
CONTIG-064697	320	12	20	136	0
CONTIG-064698	324	7	11	79	0
CONTIG-064699	64	2	0	2	0
CONTIG-064700	163	5	2	5	0
CONTIG-064701	88	6	24	10	0
CONTIG-064702	175	9	5	52	0
CONTIG-064703	78	17	19	18	0
CONTIG-064704	100	5	3	7	0
CONTIG-064706	173	9	11	46	2
CONTIG-064709	229	6	6	19	0
CONTIG-064710	415	8	0	158	0
CONTIG-064711	124	7	9	27	0
CONTIG-064712	127	5	4	10	0

CONTIG-064713	168	6	3	25	2
CONTIG-064714	123	14	22	30	0
CONTIG-064716	129	10	19	22	0
CONTIG-064717	121	5	4	26	0
CONTIG-064719	73	8	16	8	0
CONTIG-064720	112	6	0	10	0
CONTIG-064721	82	5	9	7	0
CONTIG-064722	130	11	2	48	0
CONTIG-064723	58	7	7	5	0
CONTIG-064724	224	10	7	85	0
CONTIG-064725	148	4	10	20	0
CONTIG-064726	65	4	2	0	0
CONTIG-064727	285	9	0	46	2
CONTIG-064728	183	9	4	66	0
CONTIG-064729	68	10	0	20	0
CONTIG-064730	842	50	10	0	28
CONTIG-064731	76	19	8	73	0
CONTIG-064732	83	6	15	4	0
CONTIG-064733	116	3	5	9	0
CONTIG-064734	501	7	5	146	0
CONTIG-064735	101	4	7	2	0
CONTIG-064736	217	6	12	31	0
CONTIG-064737	121	6	2	20	0
CONTIG-064738	82	6	2	12	0
CONTIG-064739	104	9	3	38	0
CONTIG-064741	120	5	5	18	0
CONTIG-064742	152	8	6	25	2
CONTIG-064743	125	3	4	8	0
CONTIG-064744	319	12	14	181	0
CONTIG-064745	260	9	24	82	0
CONTIG-064746	58	5	3	7	0
CONTIG-064747	118	9	7	37	0
CONTIG-064748	92	4	7	3	0
CONTIG-064749	155	4	2	26	0
CONTIG-064750	201	4	0	0	0
CONTIG-064751	114	8	0	0	2
CONTIG-064752	177	13	14	39	0
CONTIG-064753	254	7	15	48	0
CONTIG-064754	60	17	23	33	0
CONTIG-064756	257	6	0	14	0
CONTIG-064757	261	10	15	49	9
CONTIG-064758	94	4	2	2	0
CONTIG-064759	204	13	2	102	2
CONTIG-064760	91	4	2	11	0
CONTIG-064761	153	17	12	40	0
CONTIG-064762	145	14	7	66	0
CONTIG-064763	78	5	8	6	0

CONTIG-064764	138	4	2	9	0
CONTIG-064765	92	4	4	10	0
CONTIG-064766	334	8	10	79	3
CONTIG-064767	64	5	5	8	0
CONTIG-064769	100	9	17	8	0
CONTIG-064770	214	17	25	78	2
CONTIG-064771	83	2	7	0	0
CONTIG-064778	62	5	6	8	0
CONTIG-064779	146	8	8	40	0
CONTIG-064780	130	15	12	89	0
CONTIG-064781	60	4	4	3	0
CONTIG-064782	217	7	4	23	0
CONTIG-064783	92	6	2	9	0
CONTIG-064784	76	8	0	14	0
CONTIG-064785	209	6	15	44	0
CONTIG-064786	103	12	0	45	0
CONTIG-064787	61	8	19	7	0
CONTIG-064788	111	10	23	24	0
CONTIG-064789	73	3	3	4	0
CONTIG-064790	143	5	2	30	0
CONTIG-064792	329	8	13	83	2
CONTIG-064793	306	22	9	119	6
CONTIG-064794	58	33	4	69	0
CONTIG-064795	686	14	17	268	6
CONTIG-064796	94	6	16	14	0
CONTIG-064797	151	4	23	4	0
CONTIG-064798	70	4	7	4	0
CONTIG-064799	96	17	7	24	0
CONTIG-064800	392	14	34	148	0
CONTIG-064802	275	12	18	103	4
CONTIG-064803	100	8	5	30	0
CONTIG-064804	115	7	10	23	0
CONTIG-064805	263	5	2	36	0
CONTIG-064806	675	13	59	266	2
CONTIG-064807	75	6	0	18	0
CONTIG-064808	182	7	10	27	0
CONTIG-064809	98	13	12	45	0
CONTIG-064810	102	10	12	18	0
CONTIG-064811	353	9	5	75	3
CONTIG-064812	329	14	12	197	0
CONTIG-064816	130	10	13	38	0
CONTIG-064818	64	3	6	4	0
CONTIG-064820	106	5	2	12	0
CONTIG-064821	95	14	12	31	0
CONTIG-064823	113	3	2	4	0
CONTIG-064824	366	8	3	9	0
CONTIG-064825	92	6	3	14	0

CONTIG-064829	110	4	18	4	0
CONTIG-064830	83	8	21	11	0
CONTIG-064831	86	7	32	9	0
CONTIG-064832	215	14	17	109	0
CONTIG-064833	202	7	14	53	0
CONTIG-064834	74	14	4	0	0
CONTIG-064835	119	5	20	12	0
CONTIG-064836	134	9	10	18	0
CONTIG-064837	106	7	14	28	0
CONTIG-064838	145	9	17	33	0
CONTIG-064839	74	4	6	11	0
CONTIG-064840	79	5	3	15	0
CONTIG-064841	74	4	0	5	0
CONTIG-064842	227	14	63	96	0
CONTIG-064843	65	3	6	2	0
CONTIG-064844	301	9	7	98	0
CONTIG-064845	118	8	8	25	0
CONTIG-064847	142	6	0	13	0
CONTIG-064848	532	30	87	654	2
CONTIG-064850	90	9	4	30	0
CONTIG-064852	61	5	0	8	0
CONTIG-064853	302	21	11	10	0
CONTIG-064854	180	7	0	32	0
CONTIG-064855	202	7	5	30	0
CONTIG-064856	115	6	19	12	0
CONTIG-064857	160	11	7	76	0
CONTIG-064858	156	8	2	55	0
CONTIG-064860	93	17	8	0	0
CONTIG-064861	90	5	2	8	0
CONTIG-064866	98	4	4	16	0
CONTIG-064867	125	20	14	76	2
CONTIG-064868	101	8	15	23	0
CONTIG-064869	160	4	7	19	0
CONTIG-064870	128	4	6	7	0
CONTIG-064871	60	8	5	8	0
CONTIG-064873	42	9	3	0	0
CONTIG-064875	65	16	0	2	0
CONTIG-064877	174	7	3	38	0
CONTIG-064878	147	9	4	45	0
CONTIG-064879	198	6	9	37	0
CONTIG-064880	643	8	2	243	0
CONTIG-064881	633	9	4	0	48
CONTIG-064882	110	9	11	17	0
CONTIG-064884	407	10	17	78	0
CONTIG-064885	90	6	14	9	0
CONTIG-064886	357	8	11	58	0
CONTIG-064887	63	6	0	10	0

CONTIG-064888	159	9	4	39	0
CONTIG-064889	71	2	0	4	0
CONTIG-064891	75	3	0	0	0
CONTIG-064892	115	8	13	18	0
CONTIG-064893	145	6	9	33	0
CONTIG-064894	62	3	3	2	0
CONTIG-064895	267	12	6	171	0
CONTIG-064896	198	7	24	55	0
CONTIG-064897	62	3	5	0	0
CONTIG-064898	227	14	95	103	0
CONTIG-064899	307	47	22	475	11
CONTIG-064900	95	9	7	45	0
CONTIG-064901	225	19	7	123	2
CONTIG-064902	79	14	2	63	0
CONTIG-064903	79	10	0	0	0
CONTIG-064904	100	16	48	0	0
CONTIG-064905	167	9	11	80	0
CONTIG-064907	228	14	15	148	0
CONTIG-064908	253	18	4	0	39
CONTIG-064909	68	3	4	2	0
CONTIG-064910	225	10	22	52	2
CONTIG-064912	1008	17	2	0	111
CONTIG-064913	93	5	6	15	0
CONTIG-064914	92	4	20	0	0
CONTIG-064915	70	4	0	2	0
CONTIG-064916	240	7	10	27	0
CONTIG-064917	68	5	5	4	0
CONTIG-064918	64	8	36	5	0
CONTIG-064920	170	5	10	18	0
CONTIG-064921	103	17	14	41	0
CONTIG-064922	82	5	8	9	0
CONTIG-064924	66	8	5	3	0
CONTIG-064925	102	10	8	20	0
CONTIG-064926	87	4	0	8	0
CONTIG-064927	70	6	10	9	0
CONTIG-064928	204	13	18	93	0
CONTIG-064930	1124	62	0	4	750
CONTIG-064931	141	7	3	25	0
CONTIG-064933	62	4	5	9	0
CONTIG-064934	139	4	2	13	0
CONTIG-064935	70	9	12	9	0
CONTIG-064936	69	7	2	13	0
CONTIG-064937	72	13	0	25	2
CONTIG-064938	525	7	33	37	0
CONTIG-064939	165	11	14	73	0
CONTIG-064940	69	5	2	10	0
CONTIG-064941	125	8	11	24	0

CONTIG-064942	101	4	4	2	0
CONTIG-064943	98	9	26	0	0
CONTIG-064944	154	10	4	22	0
CONTIG-064945	204	14	26	24	0
CONTIG-064946	230	15	22	135	0
CONTIG-064947	282	16	15	194	0
CONTIG-064948	167	14	6	58	0
CONTIG-064949	94	4	3	12	0
CONTIG-064950	87	16	4	46	0
CONTIG-064951	82	5	3	14	0
CONTIG-064952	86	4	0	6	0
CONTIG-064953	146	8	2	36	0
CONTIG-064954	87	7	9	3	0
CONTIG-064955	83	3	4	9	0
CONTIG-064956	88	2	5	0	0
CONTIG-064957	191	143	0	2	0
CONTIG-064958	226	16	25	120	0
CONTIG-064959	101	6	15	12	0
CONTIG-064960	351	11	4	187	0
CONTIG-064961	127	5	12	23	0
CONTIG-064962	223	10	19	71	0
CONTIG-064963	62	7	0	10	0
CONTIG-064964	78	15	14	27	0
CONTIG-064965	182	12	0	67	0
CONTIG-064966	67	11	26	18	0
CONTIG-064967	111	5	7	12	0
CONTIG-064968	131	7	5	10	0
CONTIG-064969	72	4	3	4	0
CONTIG-064970	87	6	2	15	0
CONTIG-064971	332	9	8	76	4
CONTIG-064972	250	7	2	57	0
CONTIG-064973	150	6	7	11	0
CONTIG-064974	134	5	2	12	0
CONTIG-064975	94	226	8	17	0
CONTIG-064976	149	19	4	0	0
CONTIG-064977	69	7	7	24	0
CONTIG-064978	201	9	22	73	0
CONTIG-064979	461	9	7	111	0
CONTIG-064980	230	10	2	67	0
CONTIG-064981	127	6	19	12	0
CONTIG-064982	58	2	4	0	0
CONTIG-064983	356	8	33	114	2
CONTIG-064984	64	6	3	12	0
CONTIG-064985	101	6	5	17	0
CONTIG-064986	596	14	32	241	4
CONTIG-064987	192	13	5	47	2
CONTIG-064988	234	15	22	78	9

CONTIG-064989	66	12	23	5	0
CONTIG-064990	69	4	0	8	0
CONTIG-064991	232	14	23	145	0
CONTIG-064992	108	12	6	62	0
CONTIG-064993	224	19	9	155	2
CONTIG-064994	98	2	0	6	0
CONTIG-064996	62	4	2	2	0
CONTIG-064997	110	4	4	9	0
CONTIG-064998	66	5	8	0	0
CONTIG-064999	116	10	5	22	0
CONTIG-065000	115	4	7	8	0
CONTIG-065001	139	7	10	29	0
CONTIG-065002	298	11	9	32	2
CONTIG-065003	167	360	2	78	0
CONTIG-065004	89	18	12	59	0
CONTIG-065005	91	6	6	17	0
CONTIG-065006	62	7	30	7	0
CONTIG-065007	114	5	0	17	0
CONTIG-065008	236	11	8	25	0
CONTIG-065009	135	7	4	32	0
CONTIG-065010	152	10	4	32	0
CONTIG-065011	62	5	4	0	0
CONTIG-065012	63	14	17	30	0
CONTIG-065013	124	5	2	0	2
CONTIG-065014	173	6	15	30	0
CONTIG-065015	355	12	45	127	0
CONTIG-065016	353	10	26	84	4
CONTIG-065017	378	11	18	176	0
CONTIG-065018	64	4	4	6	0
CONTIG-065019	63	2	4	0	0
CONTIG-065020	102	9	3	17	0
CONTIG-065021	75	24	2	5	0
CONTIG-065022	46	30	9	36	0
CONTIG-065023	105	10	11	22	0
CONTIG-065024	125	6	8	11	0
CONTIG-065025	245	25	0	208	0
CONTIG-065026	89	7	4	0	0
CONTIG-065027	99	5	2	16	0
CONTIG-065028	92	8	0	21	0
CONTIG-065029	686	12	14	312	2
CONTIG-065030	124	12	14	66	0
CONTIG-065031	100	3	0	6	0
CONTIG-065034	82	13	13	27	0
CONTIG-065035	98	9	4	20	0
CONTIG-065036	162	7	20	25	0
CONTIG-065037	86	8	9	7	0
CONTIG-065038	135	11	25	47	0

CONTIG-065039	343	9	2	75	0
CONTIG-065040	411	7	2	119	0
CONTIG-065041	220	13	6	84	2
CONTIG-065042	275	11	0	0	15
CONTIG-065043	146	8	3	10	0
CONTIG-065044	128	9	4	27	0
CONTIG-065045	94	8	3	9	0
CONTIG-065046	95	8	2	36	2
CONTIG-065047	159	8	5	47	2
CONTIG-065048	208	4	0	24	0
CONTIG-065049	179	5	11	30	0
CONTIG-065050	94	10	5	9	0
CONTIG-065051	97	11	13	35	0
CONTIG-065052	142	8	5	45	0
CONTIG-065053	76	10	8	6	0
CONTIG-065054	58	5	14	0	0
CONTIG-065055	128	14	11	41	0
CONTIG-065056	87	4	3	0	0
CONTIG-065057	90	5	5	11	0
CONTIG-065058	45	74	3	4	0
CONTIG-065059	87	9	17	24	0
CONTIG-065062	138	7	4	36	0
CONTIG-065063	58	6	0	9	0
CONTIG-065064	90	4	0	7	2
CONTIG-065065	78	5	4	8	0
CONTIG-065066	70	10	11	9	0
CONTIG-065067	105	3	7	2	0
CONTIG-065068	94	6	8	21	0
CONTIG-065074	75	10	4	18	0
CONTIG-065075	86	7	7	16	0
CONTIG-065076	130	13	9	48	2
CONTIG-065077	109	5	6	6	0
CONTIG-065078	138	7	12	41	0
CONTIG-065079	147	8	10	38	0
CONTIG-065081	141	10	8	43	0
CONTIG-065082	197	6	25	9	0
CONTIG-065083	150	6	8	17	0
CONTIG-065084	94	6	0	21	0
CONTIG-065085	62	13	28	11	0
CONTIG-065086	127	5	0	2	0
CONTIG-065087	72	4	2	8	0
CONTIG-065090	101	10	0	31	0
CONTIG-065091	119	11	6	62	0
CONTIG-065092	176	4	6	23	0
CONTIG-065093	198	26	6	139	18
CONTIG-065094	186	11	13	58	0
CONTIG-065095	157	6	3	9	0

CONTIG-065097	64	5	4	5	0
CONTIG-065098	63	10	20	0	0
CONTIG-065099	176	9	4	52	0
CONTIG-065100	64	4	5	8	0
CONTIG-065101	117	4	21	4	0
CONTIG-065102	72	7	4	11	0
CONTIG-065103	101	7	5	27	0
CONTIG-065104	53	38	3	34	0
CONTIG-065105	114	6	10	16	0
CONTIG-065106	475	13	3	209	2
CONTIG-065107	92	7	3	17	0
CONTIG-065108	157	8	6	18	0
CONTIG-065109	75	5	0	14	0
CONTIG-065110	62	3	4	0	0
CONTIG-065111	262	11	0	32	0
CONTIG-065112	156	9	2	53	0
CONTIG-065113	263	9	8	26	0
CONTIG-065114	116	9	2	38	0
CONTIG-065115	138	13	12	61	0
CONTIG-065116	386	14	12	195	0
CONTIG-065117	99	6	0	22	0
CONTIG-065118	93	7	10	2	2
CONTIG-065119	85	5	7	5	0
CONTIG-065121	63	7	12	7	0
CONTIG-065123	68	2	0	2	0
CONTIG-065124	65	6	2	2	0
CONTIG-065125	100	8	3	33	0
CONTIG-065126	78	8	22	4	0
CONTIG-065127	80	6	5	14	0
CONTIG-065128	97	3	0	0	0
CONTIG-065129	191	6	7	24	0
CONTIG-065133	185	29	50	161	8
CONTIG-065134	64	3	0	6	0
CONTIG-065135	60	7	6	3	0
CONTIG-065136	145	11	11	23	0
CONTIG-065137	204	5	31	24	0
CONTIG-065138	201	10	9	96	0
CONTIG-065139	318	7	4	80	0
CONTIG-065140	80	58	16	116	3
CONTIG-065141	63	3	0	2	0
CONTIG-065142	162	5	16	22	0
CONTIG-065143	241	7	2	35	0
CONTIG-065144	255	6	7	61	0
CONTIG-065145	114	17	5	0	0
CONTIG-065146	209	12	22	57	0
CONTIG-065147	83	4	2	3	0
CONTIG-065148	63	9	2	13	0

CONTIG-065149	132	8	2	24	2
CONTIG-065150	299	5	17	30	0
CONTIG-065151	70	4	6	9	0
CONTIG-065152	108	5	0	14	0
CONTIG-065154	93	6	2	0	0
CONTIG-065155	98	8	7	16	0
CONTIG-065156	119	5	6	10	0
CONTIG-065157	236	11	35	77	0
CONTIG-065158	74	9	7	24	0
CONTIG-065160	211	4	5	16	0
CONTIG-065161	247	14	15	46	4
CONTIG-065162	67	166	2	2	131
CONTIG-065163	269	6	13	40	0
CONTIG-065165	102	6	6	17	0
CONTIG-065166	83	9	4	27	0
CONTIG-065167	112	3	0	2	0
CONTIG-065168	330	8	17	81	0
CONTIG-065169	94	6	6	26	0
CONTIG-065170	67	38	19	48	0
CONTIG-065171	273	7	5	47	0
CONTIG-065172	169	8	2	37	0
CONTIG-065173	171	6	11	37	0
CONTIG-065174	144	18	29	87	0
CONTIG-065175	68	3	3	2	0
CONTIG-065176	109	7	4	0	0
CONTIG-065178	271	11	30	101	0
CONTIG-065179	65	6	7	14	0
CONTIG-065180	446	13	7	172	4
CONTIG-065181	69	2	4	2	0
CONTIG-065182	119	7	12	32	0
CONTIG-065184	242	13	14	118	2
CONTIG-065185	117	4	2	11	0
CONTIG-065186	74	5	5	9	0
CONTIG-065187	58	5	5	2	0
CONTIG-065188	139	8	8	15	2
CONTIG-065189	264	9	0	37	0
CONTIG-065190	485	11	0	0	10
CONTIG-065191	143	5	14	8	0
CONTIG-065192	65	3	2	4	0
CONTIG-065193	124	23	20	76	0
CONTIG-065194	85	8	5	23	0
CONTIG-065195	45	31	4	66	0
CONTIG-065196	41	97	2	102	0
CONTIG-065197	99	10	0	33	0
CONTIG-065198	175	5	2	32	0
CONTIG-065200	144	8	0	39	0
CONTIG-065201	64	10	6	11	0

CONTIG-065203	127	7	15	24	0
CONTIG-065205	152	14	12	87	2
CONTIG-065206	78	10	11	10	0
CONTIG-065207	220	27	2	0	61
CONTIG-065208	206	8	10	34	0
CONTIG-065209	237	9	0	66	2
CONTIG-065210	717	17	18	540	0
CONTIG-065211	66	5	2	7	0
CONTIG-065212	264	7	0	93	0
CONTIG-065213	141	7	2	17	0
CONTIG-065214	67	2	0	0	0
CONTIG-065215	254	20	32	201	0
CONTIG-065216	177	17	23	92	6
CONTIG-065217	354	9	15	110	0
CONTIG-065218	196	4	16	19	0
CONTIG-065220	219	9	13	74	0
CONTIG-065221	62	13	13	27	0
CONTIG-065223	120	12	0	45	0
CONTIG-065225	72	16	28	19	0
CONTIG-065226	187	15	2	0	0
CONTIG-065227	92	7	6	13	2
CONTIG-065228	72	4	7	0	0
CONTIG-065229	73	7	15	2	0
CONTIG-065230	367	6	3	72	0
CONTIG-065231	84	7	4	10	0
CONTIG-065232	82	7	27	4	0
CONTIG-065233	317	11	2	97	0
CONTIG-065234	89	11	5	6	0
CONTIG-065235	150	9	7	34	0
CONTIG-065236	148	8	16	28	0
CONTIG-065241	103	4	2	18	0
CONTIG-065242	494	13	0	0	32
CONTIG-065243	104	7	10	21	0
CONTIG-065244	71	27	3	83	8
CONTIG-065245	60	5	0	12	0
CONTIG-065246	405	9	15	130	0
CONTIG-065247	283	21	3	0	25
CONTIG-065248	151	5	4	20	0
CONTIG-065249	59	7	0	17	0
CONTIG-065250	76	7	4	0	0
CONTIG-065252	107	9	6	9	7
CONTIG-065253	89	6	0	12	2
CONTIG-065254	226	6	5	38	0
CONTIG-065255	151	5	6	12	0
CONTIG-065258	107	8	9	20	0
CONTIG-065259	191	6	14	34	0
CONTIG-065260	218	9	12	71	0

CONTIG-065261	205	5	2	40	0
CONTIG-065262	83	9	5	3	0
CONTIG-065263	58	4	3	2	0
CONTIG-065264	382	13	15	194	0
CONTIG-065265	216	7	6	42	0
CONTIG-065266	364	11	17	164	2
CONTIG-065269	66	7	9	2	0
CONTIG-065270	189	15	6	74	10
CONTIG-065271	736	9	11	180	2
CONTIG-065272	67	7	4	4	0
CONTIG-065273	65	5	5	7	0
CONTIG-065274	64	3	4	9	0
CONTIG-065275	236	5	11	40	0
CONTIG-065276	97	28	20	128	0
CONTIG-065278	281	10	4	116	2
CONTIG-065279	81	14	2	46	0
CONTIG-065280	85	17	4	43	0
CONTIG-065281	196	6	7	15	0
CONTIG-065282	155	7	4	16	0
CONTIG-065284	66	5	2	16	0
CONTIG-065285	120	8	8	30	0
CONTIG-065286	178	12	40	30	0
CONTIG-065287	644	15	10	342	10
CONTIG-065288	162	7	7	36	0
CONTIG-065289	119	5	6	11	0
CONTIG-065290	260	14	2	119	4
CONTIG-065291	77	5	3	10	0
CONTIG-065292	90	7	5	5	0
CONTIG-065293	77	5	9	6	0
CONTIG-065294	67	3	0	2	0
CONTIG-065295	261	13	22	119	0
CONTIG-065296	100	6	2	8	0
CONTIG-065297	68	4	2	7	0
CONTIG-065298	38	47	14	34	0
CONTIG-065299	59	3	4	0	0
CONTIG-065300	89	8	0	16	0
CONTIG-065301	489	9	4	240	0
CONTIG-065302	95	6	4	12	0
CONTIG-065303	75	4	0	7	0
CONTIG-065305	536	10	2	0	47
CONTIG-065306	83	3	0	4	0
CONTIG-065307	93	15	7	67	0
CONTIG-065309	127	6	2	9	0
CONTIG-065310	95	4	8	11	0
CONTIG-065311	121	8	2	27	0
CONTIG-065315	128	6	3	22	0
CONTIG-065316	398	9	12	93	0

CONTIG-065317	214	6	3	0	5
CONTIG-065318	91	2	0	3	0
CONTIG-065320	149	4	7	21	0
CONTIG-065321	102	8	8	11	0
CONTIG-065322	224	8	6	43	0
CONTIG-065323	134	3	4	13	0
CONTIG-065324	124	8	2	22	0
CONTIG-065325	84	6	2	12	0
CONTIG-065326	156	8	2	15	0
CONTIG-065327	273	20	24	246	0
CONTIG-065328	114	5	3	16	0
CONTIG-065329	216	10	20	70	0
CONTIG-065330	397	12	8	153	0
CONTIG-065331	107	6	13	14	0
CONTIG-065332	435	15	2	0	34
CONTIG-065333	77	10	3	11	0
CONTIG-065334	136	5	6	10	0
CONTIG-065336	68	9	6	24	0
CONTIG-065337	284	13	17	100	0
CONTIG-065338	162	6	4	36	0
CONTIG-065339	956	75	26	4195	0
CONTIG-065340	121	7	11	9	0
CONTIG-065341	235	11	4	52	2
CONTIG-065342	113	5	4	15	0
CONTIG-065343	78	4	5	6	0
CONTIG-065344	169	5	9	32	0
CONTIG-065348	311	4	16	24	0
CONTIG-065349	68	6	2	13	0
CONTIG-065350	81	7	31	4	0
CONTIG-065351	377	31	17	169	0
CONTIG-065352	290	8	19	19	0
CONTIG-065353	175	8	12	23	0
CONTIG-065354	80	10	2	21	0
CONTIG-065355	144	6	5	15	0
CONTIG-065356	81	82	55	238	0
CONTIG-065357	152	9	4	58	0
CONTIG-065358	173	7	6	34	0
CONTIG-065359	133	5	3	8	0
CONTIG-065360	72	5	4	0	0
CONTIG-065361	112	6	2	16	0
CONTIG-065362	212	11	11	54	0
CONTIG-065363	84	5	16	4	0
CONTIG-065364	204	7	15	22	2
CONTIG-065365	60	7	2	19	0
CONTIG-065366	88	4	0	0	0
CONTIG-065367	65	3	3	0	0
CONTIG-065368	384	10	12	126	0

CONTIG-065369	70	9	3	28	0
CONTIG-065370	302	8	37	79	0
CONTIG-065371	144	8	20	33	0
CONTIG-065372	177	27	10	210	4
CONTIG-065373	98	8	2	20	0
CONTIG-065374	79	4	6	6	0
CONTIG-065375	146	4	4	15	0
CONTIG-065376	74	5	0	19	0
CONTIG-065377	92	4	2	11	2
CONTIG-065378	507	14	12	217	0
CONTIG-065379	170	11	3	67	0
CONTIG-065380	120	89	7	5	0
CONTIG-065381	290	12	28	124	4
CONTIG-065382	332	16	23	131	0
CONTIG-065383	182	6	4	57	0
CONTIG-065384	68	2	2	7	0
CONTIG-065386	175	11	2	34	0
CONTIG-065387	75	2	3	0	0
CONTIG-065388	462	10	11	159	0
CONTIG-065389	63	3	7	5	0
CONTIG-065390	65	5	0	14	0
CONTIG-065391	88	3	9	6	0
CONTIG-065392	68	14	5	36	0
CONTIG-065393	151	6	0	23	0
CONTIG-065394	266	12	19	89	0
CONTIG-065395	83	7	9	12	0
CONTIG-065396	71	6	8	11	0
CONTIG-065397	107	3	0	3	0
CONTIG-065398	79	5	2	0	2
CONTIG-065399	81	10	4	38	0
CONTIG-065400	131	7	30	23	0
CONTIG-065401	440	16	15	35	0
CONTIG-065403	193	8	5	39	3
CONTIG-065404	68	8	7	16	0
CONTIG-065405	69	5	2	8	0
CONTIG-065406	234	25	22	0	48
CONTIG-065407	161	13	7	46	2
CONTIG-065408	122	6	0	18	0
CONTIG-065409	72	3	0	3	0
CONTIG-065410	59	9	20	12	0
CONTIG-065411	95	4	3	0	0
CONTIG-065412	132	8	5	23	4
CONTIG-065413	242	9	13	63	0
CONTIG-065414	162	7	7	29	0
CONTIG-065415	76	14	48	0	16
CONTIG-065417	116	9	6	7	0
CONTIG-065418	75	8	13	13	0

CONTIG-065419	53	22	42	6	0
CONTIG-065420	81	9	8	33	0
CONTIG-065421	69	5	6	6	0
CONTIG-065422	197	6	4	35	0
CONTIG-065423	121	4	2	14	0
CONTIG-065424	517	8	15	85	2
CONTIG-065426	479	12	4	215	6
CONTIG-065427	158	7	0	46	0
CONTIG-065428	187	11	6	61	2
CONTIG-065429	64	3	9	0	0
CONTIG-065430	138	6	0	14	0
CONTIG-065431	100	12	7	45	0
CONTIG-065432	326	11	4	120	0
CONTIG-065433	59	5	2	5	0
CONTIG-065435	135	9	9	32	0
CONTIG-065436	190	8	7	49	2
CONTIG-065437	187	8	12	9	0
CONTIG-065438	61	5	5	5	0
CONTIG-065439	93	6	12	16	0
CONTIG-065440	158	20	4	120	0
CONTIG-065441	178	9	15	19	0
CONTIG-065442	513	10	16	225	0
CONTIG-065443	161	4	28	6	0
CONTIG-065444	227	6	4	26	0
CONTIG-065445	60	6	0	0	9
CONTIG-065446	109	3	0	0	0
CONTIG-065447	347	7	51	49	0
CONTIG-065448	98	7	6	13	0
CONTIG-065449	141	10	21	36	0
CONTIG-065451	71	5	2	9	0
CONTIG-065452	100	5	4	16	0
CONTIG-065453	246	8	4	73	0
CONTIG-065454	88	12	58	0	0
CONTIG-065455	93	7	8	17	0
CONTIG-065456	679	24	4	0	115
CONTIG-065457	64	6	7	9	0
CONTIG-065458	53	6	0	6	0
CONTIG-065459	411	11	11	173	7
CONTIG-065460	98	7	10	23	0
CONTIG-065461	90	4	0	2	0
CONTIG-065462	236	14	13	52	0
CONTIG-065463	74	7	3	6	0
CONTIG-065464	319	40	25	298	13
CONTIG-065465	142	12	5	43	0
CONTIG-065466	95	10	7	37	0
CONTIG-065467	82	5	6	9	0
CONTIG-065468	139	5	0	23	0

CONTIG-065469	67	3	0	2	0
CONTIG-065470	214	19	11	220	0
CONTIG-065471	137	7	2	16	0
CONTIG-065472	99	6	9	11	2
CONTIG-065473	122	5	2	28	0
CONTIG-065474	104	6	6	20	0
CONTIG-065475	222	10	19	86	0
CONTIG-065476	163	11	5	35	0
CONTIG-065479	327	12	12	51	0
CONTIG-065481	197	5	7	27	0
CONTIG-065482	87	8	2	21	0
CONTIG-065483	176	7	4	36	0
CONTIG-065484	59	2	0	4	0
CONTIG-065485	85	8	6	30	0
CONTIG-065486	86	9	2	18	0
CONTIG-065487	153	19	13	172	0
CONTIG-065488	181	6	12	34	2
CONTIG-065489	127	11	12	47	0
CONTIG-065490	158	9	6	39	0
CONTIG-065491	74	7	5	11	0
CONTIG-065492	60	12	19	6	0
CONTIG-065493	112	6	15	5	0
CONTIG-065494	72	8	3	14	0
CONTIG-065495	71	6	2	7	0
CONTIG-065496	110	3	0	5	0
CONTIG-065497	230	13	0	84	2
CONTIG-065498	182	11	20	62	2
CONTIG-065499	132	5	9	30	0
CONTIG-065500	75	4	0	0	0
CONTIG-065501	152	12	2	77	0
CONTIG-065502	92	5	14	7	0
CONTIG-065503	294	20	25	173	0
CONTIG-065504	135	6	10	2	0
CONTIG-065505	89	5	3	4	0
CONTIG-065506	83	5	0	2	0
CONTIG-065507	304	24	14	302	0
CONTIG-065508	135	18	5	93	0
CONTIG-065510	175	15	9	48	0
CONTIG-065511	139	28	2	203	0
CONTIG-065512	97	7	2	27	0
CONTIG-065513	276	14	4	84	2
CONTIG-065515	163	6	10	19	0
CONTIG-065516	756	13	8	175	0
CONTIG-065518	152	17	15	75	0
CONTIG-065519	63	4	3	0	0
CONTIG-065520	112	9	5	49	0
CONTIG-065521	136	10	11	58	0

CONTIG-065522	204	18	17	60	10
CONTIG-065523	235	8	15	63	0
CONTIG-065524	109	6	6	18	0
CONTIG-065525	84	3	5	6	0
CONTIG-065526	59	3	4	6	0
CONTIG-065531	95	9	2	42	0
CONTIG-065532	110	90	56	280	2
CONTIG-065533	450	8	39	108	0
CONTIG-065534	142	6	7	11	0
CONTIG-065535	157	7	9	40	0
CONTIG-065536	135	5	5	12	0
CONTIG-065537	81	10	25	8	0
CONTIG-065539	132	12	9	38	0
CONTIG-065540	58	9	2	9	0
CONTIG-065541	209	11	12	85	0
CONTIG-065542	67	5	17	5	0
CONTIG-065546	124	4	8	6	0
CONTIG-065547	224	6	19	28	0
CONTIG-065548	70	13	5	30	0
CONTIG-065549	1307	22	5	0	82
CONTIG-065551	94	5	6	4	0
CONTIG-065552	147	23	14	122	0
CONTIG-065553	148	6	0	35	0
CONTIG-065554	244	9	15	55	3
CONTIG-065555	132	730	26	197	0
CONTIG-065556	77	3	0	6	0
CONTIG-065557	93	3	2	5	0
CONTIG-065559	363	45	18	660	2
CONTIG-065560	265	8	6	49	0
CONTIG-065561	182	58	2	0	114
CONTIG-065562	328	17	24	158	6
CONTIG-065563	277	10	18	111	0
CONTIG-065564	238	13	10	116	0
CONTIG-065565	102	5	9	11	0
CONTIG-065566	1160	13	28	0	37
CONTIG-065567	235	9	40	72	0
CONTIG-065568	80	10	11	16	2
CONTIG-065569	152	9	5	36	0
CONTIG-065570	386	6	7	10	0
CONTIG-065571	134	7	2	33	0
CONTIG-065572	70	32	10	73	2
CONTIG-065575	127	7	12	18	0
CONTIG-065576	267	5	10	17	0
CONTIG-065577	71	3	5	6	0
CONTIG-065578	82	27	6	62	0
CONTIG-065579	60	4	2	4	0
CONTIG-065580	627	21	0	687	0

CONTIG-065581	83	9	60	9	0
CONTIG-065582	113	8	0	9	2
CONTIG-065583	99	7	7	0	0
CONTIG-065584	74	3	2	3	0
CONTIG-065585	147	15	25	22	2
CONTIG-065591	125	19	11	69	4
CONTIG-065592	208	16	20	94	0
CONTIG-065593	1029	25	39	1019	11
CONTIG-065594	121	8	34	14	0
CONTIG-065595	129	4	3	10	0
CONTIG-065596	74	8	8	2	0
CONTIG-065597	59	6	0	5	0
CONTIG-065598	241	3	0	10	0
CONTIG-065599	609	116	0	0	789
CONTIG-065600	122	8	9	53	0
CONTIG-065601	82	3	2	8	0
CONTIG-065602	58	19	14	55	0
CONTIG-065603	124	9	2	29	0
CONTIG-065604	95	8	7	29	0
CONTIG-065605	259	7	2	64	0
CONTIG-065606	67	5	4	0	0
CONTIG-065607	125	4	0	20	0
CONTIG-065608	110	3	6	4	0
CONTIG-065609	90	5	4	3	0
CONTIG-065610	87	9	6	4	0
CONTIG-065611	315	19	25	242	0
CONTIG-065612	65	3	3	2	0
CONTIG-065613	127	6	11	16	0
CONTIG-065614	87	7	12	19	0
CONTIG-065615	352	7	11	76	0
CONTIG-065616	495	21	7	413	2
CONTIG-065617	81	4	2	8	0
CONTIG-065618	240	17	29	7	0
CONTIG-065619	101	6	0	20	0
CONTIG-065620	180	8	2	23	0
CONTIG-065621	37	207	51	143	0
CONTIG-065622	96	9	17	24	0
CONTIG-065623	377	7	2	114	4
CONTIG-065624	114	5	4	15	0
CONTIG-065625	86	36	5	86	0
CONTIG-065626	68	5	6	5	0
CONTIG-065627	194	8	21	60	0
CONTIG-065631	115	6	3	23	0
CONTIG-065632	77	6	12	4	0
CONTIG-065633	78	3	0	2	0
CONTIG-065634	85	5	16	6	0
CONTIG-065635	62	6	13	0	0

CONTIG-065636	82	14	29	27	0
CONTIG-065637	194	13	2	8	0
CONTIG-065638	159	4	0	10	0
CONTIG-065641	212	6	2	8	0
CONTIG-065643	211	10	2	96	0
CONTIG-065644	163	9	4	22	2
CONTIG-065645	117	5	5	2	0
CONTIG-065646	88	8	4	28	0
CONTIG-065647	60	6	7	6	0
CONTIG-065648	277	35	20	470	0
CONTIG-065649	58	6	23	0	0
CONTIG-065650	242	15	0	186	0
CONTIG-065651	92	15	6	43	2
CONTIG-065652	92	10	5	24	0
CONTIG-065653	82	5	0	15	0
CONTIG-065654	192	10	14	53	0
CONTIG-065655	65	24	2	0	0
CONTIG-065656	121	6	3	26	0
CONTIG-065657	99	6	3	24	0
CONTIG-065658	518	20	43	246	4
CONTIG-065659	59	3	4	4	0
CONTIG-065661	110	18	21	108	0
CONTIG-065662	159	9	10	23	0
CONTIG-065663	82	4	2	0	0
CONTIG-065664	147	5	8	24	0
CONTIG-065665	212	8	3	23	0
CONTIG-065666	129	4	5	9	0
CONTIG-065667	85	5	2	7	0
CONTIG-065669	173	7	4	40	0
CONTIG-065670	348	8	0	99	0
CONTIG-065671	164	6	10	30	0
CONTIG-065672	114	8	10	28	0
CONTIG-065673	79	11	16	13	0
CONTIG-065674	72	7	4	13	0
CONTIG-065675	123	418	17	280	0
CONTIG-065676	64	7	22	0	0
CONTIG-065677	90	44	11	46	15
CONTIG-065678	40	100	2	62	4
CONTIG-065679	108	4	6	0	0
CONTIG-065680	380	9	22	81	0
CONTIG-065681	210	3	4	16	0
CONTIG-065682	229	8	9	63	0
CONTIG-065683	83	3	5	2	0
CONTIG-065685	141	4	2	0	2
CONTIG-065686	175	9	13	13	0
CONTIG-065688	61	7	6	4	0
CONTIG-065690	138	4	13	10	0

CONTIG-065691	175	11	0	0	0
CONTIG-065692	179	9	2	43	4
CONTIG-065693	171	4	8	20	0
CONTIG-065694	76	6	0	14	0
CONTIG-065695	84	6	2	4	0
CONTIG-065696	306	8	51	33	2
CONTIG-065697	281	16	11	226	2
CONTIG-065698	76	9	6	17	0
CONTIG-065699	117	3	2	2	0
CONTIG-065700	98	4	7	5	0
CONTIG-065701	88	4	2	13	0
CONTIG-065702	117	9	11	26	0
CONTIG-065703	66	6	3	6	0
CONTIG-065704	173	14	6	94	0
CONTIG-065705	114	11	3	19	0
CONTIG-065706	415	29	7	5	0
CONTIG-065707	215	18	8	21	0
CONTIG-065708	102	9	2	29	0
CONTIG-065709	62	13	12	2	0
CONTIG-065710	1251	26	3	0	647
CONTIG-065711	61	5	2	5	0
CONTIG-065712	162	18	9	88	4
CONTIG-065714	69	5	11	5	0
CONTIG-065715	81	5	6	6	0
CONTIG-065716	143	7	5	21	2
CONTIG-065717	141	3	7	11	0
CONTIG-065718	87	16	27	7	0
CONTIG-065720	491	9	0	120	2
CONTIG-065724	107	4	2	17	0
CONTIG-065725	68	6	0	10	0
CONTIG-065726	138	8	7	11	0
CONTIG-065727	574	9	26	191	2
CONTIG-065728	74	7	0	13	0
CONTIG-065729	62	11	34	0	0
CONTIG-065730	169	7	2	38	0
CONTIG-065731	72	9	19	20	0
CONTIG-065732	61	3	4	4	0
CONTIG-065733	162	6	12	25	2
CONTIG-065734	138	5	0	20	0
CONTIG-065735	130	7	4	40	0
CONTIG-065736	204	11	15	100	0
CONTIG-065737	535	6	11	0	26
CONTIG-065738	386	10	7	0	24
CONTIG-065739	89	4	0	11	0
CONTIG-065740	160	7	15	24	0
CONTIG-065741	129	5	0	14	0
CONTIG-065742	298	9	13	50	0

CONTIG-065743	202	7	4	38	0
CONTIG-065744	75	5	3	17	0
CONTIG-065745	175	6	14	18	0
CONTIG-065746	81	10	13	11	0
CONTIG-065747	93	3	2	6	0
CONTIG-065748	455	11	11	192	4
CONTIG-065749	125	6	0	0	0
CONTIG-065750	93	8	2	13	0
CONTIG-065751	156	6	2	33	0
CONTIG-065752	118	6	2	15	0
CONTIG-065753	211	4	5	24	0
CONTIG-065754	63	4	6	5	0
CONTIG-065755	168	21	27	130	0
CONTIG-065756	124	6	2	9	0
CONTIG-065757	71	5	3	2	0
CONTIG-065758	129	413	117	2387	0
CONTIG-065759	112	7	2	12	0
CONTIG-065760	79	3	2	8	0
CONTIG-065761	98	9	9	23	0
CONTIG-065763	89	5	3	10	0
CONTIG-065764	65	12	2	18	0
CONTIG-065765	299	13	13	88	0
CONTIG-065766	419	13	30	213	0
CONTIG-065767	569	9	15	119	6
CONTIG-065768	160	9	3	15	0
CONTIG-065769	357	11	19	149	2
CONTIG-065770	324	10	14	73	8
CONTIG-065771	112	22	2	62	0
CONTIG-065773	100	5	10	16	0
CONTIG-065774	63	11	18	0	0
CONTIG-065775	78	5	14	4	0
CONTIG-065777	109	7	18	14	0
CONTIG-065778	158	8	29	43	0
CONTIG-065779	105	3	0	7	0
CONTIG-065780	112	2	0	4	0
CONTIG-065781	71	5	15	0	0
CONTIG-065782	59	3	2	5	0
CONTIG-065783	323	6	2	53	0
CONTIG-065784	510	14	7	62	0
CONTIG-065785	129	8	13	22	0
CONTIG-065786	92	6	9	12	0
CONTIG-065787	163	6	0	26	0
CONTIG-065788	97	5	2	13	0
CONTIG-065790	189	9	16	41	0
CONTIG-065791	102	7	15	23	0
CONTIG-065792	218	11	12	98	0
CONTIG-065793	99	10	20	0	0

CONTIG-065794	150	4	10	9	0
CONTIG-065795	130	7	13	32	0
CONTIG-065796	49	1059	65	2031	83
CONTIG-065797	548	29	0	0	118
CONTIG-065798	81	8	8	13	0
CONTIG-065799	171	15	11	38	0
CONTIG-065800	179	8	4	26	0
CONTIG-065801	71	3	3	4	0
CONTIG-065802	270	16	2	16	0
CONTIG-065803	112	16	18	51	2
CONTIG-065804	162	6	2	25	0
CONTIG-065805	128	3	5	6	0
CONTIG-065806	117	5	0	28	0
CONTIG-065809	151	18	2	133	0
CONTIG-065810	780	18	29	273	2
CONTIG-065811	187	8	2	63	0
CONTIG-065812	81	5	8	6	0
CONTIG-065813	87	6	0	20	0
CONTIG-065815	91	8	10	30	0
CONTIG-065816	160	7	4	29	0
CONTIG-065817	407	29	23	29	0
CONTIG-065818	107	5	7	9	0
CONTIG-065819	144	14	16	33	2
CONTIG-065820	125	6	0	22	0
CONTIG-065821	452	11	34	164	0
CONTIG-065822	74	12	2	33	0
CONTIG-065823	373	16	37	135	0
CONTIG-065824	72	68	2	30	2
CONTIG-065826	63	5	7	4	0
CONTIG-065827	64	6	3	12	0
CONTIG-065828	60	6	0	9	0
CONTIG-065829	113	4	0	9	0
CONTIG-065830	188	7	4	40	0
CONTIG-065831	588	12	18	341	2
CONTIG-065833	60	7	2	14	0
CONTIG-065834	70	42	12	157	0
CONTIG-065835	129	4	0	16	0
CONTIG-065837	546	154	12	4811	0
CONTIG-065838	63	5	7	11	0
CONTIG-065839	59	46	7	118	0
CONTIG-065840	177	12	17	29	0
CONTIG-065841	70	2	3	2	0
CONTIG-065842	214	18	13	115	0
CONTIG-065843	155	7	5	34	0
CONTIG-065844	535	156	28	69	0
CONTIG-065845	100	9	4	33	0
CONTIG-065846	59	2	0	0	0

CONTIG-065847	165	11	0	57	6
CONTIG-065848	63	5	0	6	0
CONTIG-065849	86	8	2	17	0
CONTIG-065850	168	14	11	14	0
CONTIG-065851	396	19	38	355	0
CONTIG-065852	91	8	5	19	0
CONTIG-065854	95	3	3	3	0
CONTIG-065855	221	7	4	28	0
CONTIG-065856	74	6	5	6	0
CONTIG-065857	62	3	6	0	0
CONTIG-065858	81	6	9	2	0
CONTIG-065859	74	7	2	20	0
CONTIG-065860	129	8	0	29	0
CONTIG-065861	619	24	22	52	5
CONTIG-065862	118	26	0	122	0
CONTIG-065863	92	3	4	4	0
CONTIG-065864	47	84	32	35	0
CONTIG-065865	187	6	5	17	0
CONTIG-065866	160	6	2	24	0
CONTIG-065867	151	12	5	65	0
CONTIG-065869	85	3	0	3	0
CONTIG-065870	301	19	10	44	0
CONTIG-065871	151	8	0	33	0
CONTIG-065874	138	5	6	17	0
CONTIG-065875	149	7	8	25	2
CONTIG-065876	71	8	4	7	0
CONTIG-065877	152	5	18	18	0
CONTIG-065878	77	4	4	6	0
CONTIG-065879	163	18	21	6	0
CONTIG-065880	1600	46	2	2	463
CONTIG-065881	72	4	0	6	0
CONTIG-065884	226	10	6	111	0
CONTIG-065885	498	9	2	171	4
CONTIG-065887	175	9	15	32	0
CONTIG-065888	544	7	9	6	0
CONTIG-065889	187	10	2	40	2
CONTIG-065891	174	7	12	49	0
CONTIG-065892	72	6	4	10	0
CONTIG-065893	149	10	11	47	0
CONTIG-065894	173	3	0	6	0
CONTIG-065895	230	13	3	30	0
CONTIG-065896	96	13	0	42	2
CONTIG-065898	88	6	3	17	0
CONTIG-065899	170	11	11	77	0
CONTIG-065901	127	9	15	31	0
CONTIG-065902	138	145	16	671	6
CONTIG-065903	218	7	10	31	0

CONTIG-065904	376	7	0	13	40
CONTIG-065905	181	36	0	0	27
CONTIG-065906	256	8	14	47	0
CONTIG-065907	75	3	4	0	0
CONTIG-065908	61	75	0	212	0
CONTIG-065909	351	14	12	144	6
CONTIG-065910	310	8	2	72	0
CONTIG-065911	94	4	2	2	2
CONTIG-065912	172	4	12	21	0
CONTIG-065913	143	5	5	26	0
CONTIG-065914	65	8	0	16	0
CONTIG-065915	152	4	6	7	0
CONTIG-065916	68	7	11	10	0
CONTIG-065918	219	9	3	0	6
CONTIG-065919	415	21	31	284	2
CONTIG-065920	340	8	18	66	0
CONTIG-065921	60	14	9	22	0
CONTIG-065922	189	4	0	7	0
CONTIG-065923	77	4	0	12	0
CONTIG-065924	153	14	2	106	0
CONTIG-065926	226	8	4	52	0
CONTIG-065927	71	8	0	23	0
CONTIG-065928	429	13	32	127	0
CONTIG-065929	213	7	12	9	0
CONTIG-065930	101	6	3	23	0
CONTIG-065931	72	3	9	2	0
CONTIG-065932	153	8	14	25	2
CONTIG-065933	353	8	13	96	0
CONTIG-065936	139	5	4	16	0
CONTIG-065937	76	9	4	20	0
CONTIG-065938	303	7	5	62	2
CONTIG-065939	512	46	9	1447	0
CONTIG-065940	76	6	2	13	0
CONTIG-065941	99	17	19	66	0
CONTIG-065942	82	9	4	33	0
CONTIG-065943	253	8	5	76	0
CONTIG-065944	58	6	6	9	0
CONTIG-065945	182	17	14	159	0
CONTIG-065946	134	12	6	50	0
CONTIG-065947	82	13	2	43	0
CONTIG-065948	86	4	7	6	0
CONTIG-065949	49	43	11	66	0
CONTIG-065950	81	3	0	6	0
CONTIG-065951	89	11	7	42	0
CONTIG-065952	257	7	4	37	2
CONTIG-065954	241	8	4	61	0
CONTIG-065955	82	8	10	18	0

CONTIG-065956	69	3	5	4	0
CONTIG-065957	345	10	28	39	0
CONTIG-065958	147	8	10	19	0
CONTIG-065959	69	4	2	4	0
CONTIG-065960	216	10	13	63	0
CONTIG-065961	102	3	0	4	0
CONTIG-065962	120	6	16	12	0
CONTIG-065963	301	13	0	100	0
CONTIG-065964	66	4	2	2	0
CONTIG-065965	198	7	5	44	0
CONTIG-065967	64	4	5	6	0
CONTIG-065968	152	12	13	17	2
CONTIG-065969	215	6	11	51	2
CONTIG-065970	74	7	15	7	0
CONTIG-065971	311	11	10	122	0
CONTIG-065972	83	6	31	4	0
CONTIG-065973	90	2	4	2	0
CONTIG-065974	155	12	18	65	0
CONTIG-065975	74	7	6	16	0
CONTIG-065977	373	25	10	265	4
CONTIG-065978	136	9	27	26	0
CONTIG-065979	67	5	16	4	0
CONTIG-065980	107	7	2	0	0
CONTIG-065981	774	9	18	199	8
CONTIG-065982	61	10	3	32	0
CONTIG-065983	49	7	0	6	0
CONTIG-065984	103	5	10	2	0
CONTIG-065985	350	12	2	101	8
CONTIG-065986	286	20	13	147	0
CONTIG-065987	66	4	0	7	0
CONTIG-065988	902	13	4	417	10
CONTIG-065989	242	15	27	170	0
CONTIG-065992	302	6	22	71	0
CONTIG-065993	100	9	4	35	0
CONTIG-065994	62	7	6	15	0
CONTIG-065995	110	4	6	4	0
CONTIG-065998	83	9	4	23	0
CONTIG-065999	234	12	6	96	0
CONTIG-066000	114	7	13	17	0
CONTIG-066001	305	11	23	39	10
CONTIG-066002	222	7	4	37	0
CONTIG-066003	88	3	2	9	0
CONTIG-066005	130	8	2	43	0
CONTIG-066006	150	8	0	0	4
CONTIG-066007	75	6	15	8	0
CONTIG-066008	187	29	11	139	2
CONTIG-066009	125	5	6	6	2

CONTIG-066011	140	7	3	4	0
CONTIG-066012	92	6	12	19	0
CONTIG-066013	90	4	3	6	0
CONTIG-066014	62	6	4	8	0
CONTIG-066015	433	48	60	739	11
CONTIG-066016	173	9	17	42	2
CONTIG-066017	163	7	8	32	0
CONTIG-066018	99	11	3	11	19
CONTIG-066019	124	14	21	50	0
CONTIG-066020	69	3	0	2	0
CONTIG-066021	87	15	3	56	0
CONTIG-066022	64	7	7	8	0
CONTIG-066023	105	9	5	16	0
CONTIG-066024	88	10	8	30	0
CONTIG-066025	107	7	8	11	0
CONTIG-066026	65	5	5	6	0
CONTIG-066027	249	5	8	33	0
CONTIG-066029	141	12	18	40	0
CONTIG-066030	71	5	8	0	0
CONTIG-066031	119	9	5	24	0
CONTIG-066032	261	7	3	0	4
CONTIG-066033	62	5	3	4	0
CONTIG-066034	88	3	2	4	0
CONTIG-066035	73	4	0	2	0
CONTIG-066036	98	5	0	19	0
CONTIG-066037	92	7	5	2	0
CONTIG-066038	212	7	2	45	0
CONTIG-066039	101	9	0	0	0
CONTIG-066040	109	5	0	20	0
CONTIG-066041	120	15	3	52	2
CONTIG-066042	72	2	0	4	0
CONTIG-066043	185	7	9	7	0
CONTIG-066044	518	8	10	105	0
CONTIG-066045	231	6	6	44	0
CONTIG-066046	75	14	13	39	0
CONTIG-066047	63	6	14	8	0
CONTIG-066048	92	4	3	12	0
CONTIG-066049	117	7	7	25	0
CONTIG-066050	72	7	4	18	0
CONTIG-066051	66	7	5	3	0
CONTIG-066052	138	7	8	31	0
CONTIG-066053	81	6	2	21	0
CONTIG-066054	501	7	10	13	0
CONTIG-066055	687	10	10	207	0
CONTIG-066056	84	7	4	14	0
CONTIG-066057	65	8	9	18	0
CONTIG-066058	129	9	7	28	2

CONTIG-066059	81	11	0	0	10
CONTIG-066061	70	12	14	2	0
CONTIG-066062	89	5	5	6	0
CONTIG-066063	68	3	2	2	0
CONTIG-066064	208	18	9	141	4
CONTIG-066065	95	16	13	0	0
CONTIG-066066	100	14	15	48	0
CONTIG-066067	337	10	6	0	14
CONTIG-066068	391	9	6	127	5
CONTIG-066069	319	16	12	227	4
CONTIG-066073	63	8	18	14	0
CONTIG-066074	243	8	6	74	2
CONTIG-066075	103	7	17	12	0
CONTIG-066076	156	14	10	107	0
CONTIG-066077	139	15	11	82	0
CONTIG-066079	95	5	2	11	0
CONTIG-066080	215	11	20	75	2
CONTIG-066081	80	8	2	13	0
CONTIG-066082	197	11	9	65	0
CONTIG-066083	228	12	12	118	0
CONTIG-066084	123	7	14	26	0
CONTIG-066085	272	19	7	158	0
CONTIG-066086	75	6	14	6	0
CONTIG-066087	211	11	34	89	0
CONTIG-066088	65	6	5	0	0
CONTIG-066089	78	6	4	18	0
CONTIG-066090	155	6	0	38	0
CONTIG-066091	433	12	24	126	2
CONTIG-066092	145	12	9	58	0
CONTIG-066093	108	8	18	4	0
CONTIG-066094	93	10	2	15	0
CONTIG-066095	67	6	2	13	0
CONTIG-066096	78	3	7	4	0
CONTIG-066097	79	8	4	2	0
CONTIG-066099	61	7	0	15	0
CONTIG-066100	523	11	7	0	29
CONTIG-066101	407	63	3	0	176
CONTIG-066102	106	9	5	26	0
CONTIG-066103	127	10	11	51	0
CONTIG-066105	105	4	3	8	0
CONTIG-066106	184	6	0	34	0
CONTIG-066107	144	17	13	93	0
CONTIG-066108	152	12	7	51	0
CONTIG-066109	168	9	8	68	0
CONTIG-066110	146	14	2	99	0
CONTIG-066112	182	7	5	29	2
CONTIG-066113	122	4	2	11	0

CONTIG-066114	117	6	6	8	0
CONTIG-066115	409	10	24	130	5
CONTIG-066116	109	11	9	20	0
CONTIG-066117	100	30	65	55	0
CONTIG-066118	1026	18	11	757	20
CONTIG-066119	207	7	13	56	0
CONTIG-066120	138	4	6	7	0
CONTIG-066121	137	8	6	14	2
CONTIG-066122	186	25	50	99	5
CONTIG-066123	67	4	0	2	0
CONTIG-066124	135	7	3	31	0
CONTIG-066125	89	5	3	13	0
CONTIG-066126	262	15	12	115	0
CONTIG-066127	91	8	8	15	0
CONTIG-066128	81	13	2	47	0
CONTIG-066130	1320	17	7	285	2
CONTIG-066131	154	10	2	11	0
CONTIG-066132	178	7	7	18	0
CONTIG-066133	85	7	4	8	0
CONTIG-066135	154	5	8	18	0
CONTIG-066136	114	15	4	77	0
CONTIG-066137	43	5018	8	4	5804
CONTIG-066141	94	76	39	280	4
CONTIG-066145	103	9	0	28	0
CONTIG-066146	78	13	5	28	0
CONTIG-066147	110	12	7	44	0
CONTIG-066148	141	5	11	2	0
CONTIG-066149	101	7	27	6	0
CONTIG-066150	99	3	6	7	0
CONTIG-066151	60	10	0	29	0
CONTIG-066152	76	6	11	8	0
CONTIG-066153	80	13	10	29	0
CONTIG-066155	66	9	0	26	0
CONTIG-066156	76	8	9	22	0
CONTIG-066157	68	6	2	0	0
CONTIG-066158	526	12	43	217	2
CONTIG-066159	376	12	0	9	0
CONTIG-066161	99	5	8	13	0
CONTIG-066162	334	20	6	272	2
CONTIG-066164	150	6	11	44	0
CONTIG-066165	175	6	9	0	0
CONTIG-066166	81	5	0	12	0
CONTIG-066167	363	7	7	55	0
CONTIG-066168	58	4	2	6	0
CONTIG-066170	140	11	24	25	0
CONTIG-066171	91	43	18	38	0
CONTIG-066172	166	5	2	36	0

CONTIG-066173	219	10	9	52	0
CONTIG-066174	183	6	15	41	0
CONTIG-066175	87	4	5	5	0
CONTIG-066177	49	62	25	60	2
CONTIG-066178	100	7	5	26	0
CONTIG-066179	138	8	7	24	0
CONTIG-066180	114	7	10	16	0
CONTIG-066181	179	10	3	60	0
CONTIG-066182	73	4	5	5	0
CONTIG-066183	77	3	0	0	0
CONTIG-066184	82	5	4	10	0
CONTIG-066185	314	9	30	85	0
CONTIG-066186	83	5	2	10	0
CONTIG-066187	94	118	14	737	0
CONTIG-066188	127	6	0	15	0
CONTIG-066189	87	8	31	0	0
CONTIG-066190	60	11	37	0	0
CONTIG-066191	279	10	30	106	0
CONTIG-066192	100	3	2	8	0
CONTIG-066194	88	8	2	23	0
CONTIG-066195	83	5	5	11	0
CONTIG-066196	75	8	4	10	0
CONTIG-066197	79	16	19	19	0
CONTIG-066198	84	4	0	2	0
CONTIG-066199	146	13	23	78	0
CONTIG-066200	122	10	5	49	0
CONTIG-066201	271	30	10	18	0
CONTIG-066202	68	4	2	6	0
CONTIG-066203	211	10	57	69	0
CONTIG-066204	75	12	5	38	0
CONTIG-066205	182	6	6	27	0
CONTIG-066206	77	9	3	19	0
CONTIG-066207	69	3	0	3	0
CONTIG-066208	172	20	4	190	0
CONTIG-066209	62	3	0	6	0
CONTIG-066210	90	8	6	11	0
CONTIG-066211	101	12	0	57	0
CONTIG-066212	169	14	6	62	2
CONTIG-066213	77	7	5	16	0
CONTIG-066215	91	5	5	16	0
CONTIG-066216	1098	16	17	43	0
CONTIG-066221	138	10	0	24	0
CONTIG-066222	190	14	2	97	0
CONTIG-066223	88	4	0	11	0
CONTIG-066224	158	4	3	13	0
CONTIG-066225	452	11	2	0	81
CONTIG-066226	404	9	15	118	0

CONTIG-066227	355	7	6	78	0
CONTIG-066228	142	10	0	20	0
CONTIG-066229	86	12	6	42	0
CONTIG-066230	189	5	13	25	0
CONTIG-066231	72	3	2	4	0
CONTIG-066232	117	5	16	4	0
CONTIG-066233	206	6	4	20	0
CONTIG-066234	115	5	5	11	0
CONTIG-066236	89	5	14	2	0
CONTIG-066237	177	11	3	0	0
CONTIG-066238	77	10	17	14	0
CONTIG-066239	335	13	8	110	3
CONTIG-066240	94	6	2	25	0
CONTIG-066241	355	11	8	44	4
CONTIG-066242	75	2	0	5	0
CONTIG-066243	65	3	0	0	0
CONTIG-066244	219	6	5	62	0
CONTIG-066246	65	3	2	2	2
CONTIG-066247	75	3	4	3	0
CONTIG-066249	116	8	2	24	0
CONTIG-066250	176	11	2	69	2
CONTIG-066251	200	11	14	78	0
CONTIG-066254	68	7	9	12	0
CONTIG-066258	177	9	11	43	0
CONTIG-066259	89	8	13	10	0
CONTIG-066260	93	4	0	2	0
CONTIG-066261	68	3	2	9	0
CONTIG-066268	61	3	0	3	0
CONTIG-066269	220	16	5	18	0
CONTIG-066270	62	6	2	6	0
CONTIG-066271	84	23	2	93	0
CONTIG-066272	128	3	3	4	0
CONTIG-066273	159	6	11	20	0
CONTIG-066274	82	4	0	2	0
CONTIG-066275	66	4	0	4	0
CONTIG-066277	140	4	0	5	0
CONTIG-066278	128	5	5	18	0
CONTIG-066279	80	5	0	0	0
CONTIG-066280	53	15	0	0	0
CONTIG-066281	89	4	0	5	0
CONTIG-066282	77	14	20	46	0
CONTIG-066283	85	5	2	7	0
CONTIG-066284	95	5	2	9	0
CONTIG-066288	108	5	10	13	0
CONTIG-066289	159	5	4	21	2
CONTIG-066290	69	8	0	14	0
CONTIG-066291	151	20	7	167	0

CONTIG-066295	84	8	15	21	0
CONTIG-066297	164	8	13	35	0
CONTIG-066298	77	7	11	0	0
CONTIG-066299	65	5	6	4	0
CONTIG-066300	254	12	0	106	0
CONTIG-066301	152	13	14	54	0
CONTIG-066302	361	19	14	320	10
CONTIG-066303	184	5	5	33	2
CONTIG-066304	109	12	8	46	4
CONTIG-066305	111	8	28	19	0
CONTIG-066307	90	3	2	0	0
CONTIG-066309	76	5	6	11	0
CONTIG-066310	75	10	19	5	0
CONTIG-066311	211	7	16	37	0
CONTIG-066312	69	18	5	72	0
CONTIG-066313	171	8	8	40	0
CONTIG-066314	92	5	8	0	0
CONTIG-066317	144	6	6	29	0
CONTIG-066318	58	7	3	6	0
CONTIG-066319	60	6	8	0	4
CONTIG-066320	79	4	9	0	0
CONTIG-066321	696	17	39	608	6
CONTIG-066322	120	6	5	26	0
CONTIG-066323	290	14	13	41	0
CONTIG-066324	73	13	4	30	0
CONTIG-066325	166	9	7	21	0
CONTIG-066326	275	9	7	115	0
CONTIG-066327	182	5	3	25	0
CONTIG-066328	85	8	2	33	0
CONTIG-066329	102	7	0	13	0
CONTIG-066337	239	7	2	70	0
CONTIG-066339	121	6	4	15	0
CONTIG-066341	96	13	12	44	3
CONTIG-066342	88	4	2	8	0
CONTIG-066345	153	8	2	37	2
CONTIG-066346	132	10	4	19	0
CONTIG-066347	88	6	2	16	0
CONTIG-066348	83	8	2	16	0
CONTIG-066349	273	8	13	52	0
CONTIG-066350	174	40	65	90	0
CONTIG-066351	321	15	0	0	14
CONTIG-066352	986	14	2	0	182
CONTIG-066354	74	8	0	17	0
CONTIG-066356	118	4	5	18	0
CONTIG-066357	83	63	0	261	0
CONTIG-066358	114	5	0	15	0
CONTIG-066359	231	6	2	26	0

CONTIG-066361	1744	31	4	2763	6
CONTIG-066362	198	7	2	43	0
CONTIG-066363	204	8	19	20	0
CONTIG-066365	203	5	9	31	0
CONTIG-066366	158	5	0	23	0
CONTIG-066367	143	9	16	14	0
CONTIG-066368	115	10	8	24	2
CONTIG-066370	203	12	34	95	0
CONTIG-066371	168	5	2	0	0
CONTIG-066372	73	3	0	8	0
CONTIG-066373	115	6	5	12	0
CONTIG-066374	87	5	0	14	0
CONTIG-066375	98	7	12	7	0
CONTIG-066376	70	3	2	2	0
CONTIG-066377	198	6	4	19	0
CONTIG-066378	312	10	10	83	0
CONTIG-066379	59	5	5	2	0
CONTIG-066380	86	3	0	8	0
CONTIG-066381	195	6	3	51	0
CONTIG-066382	143	4	2	2	0
CONTIG-066383	59	11	3	0	0
CONTIG-066384	62	8	12	8	0
CONTIG-066385	92	3	3	2	0
CONTIG-066386	107	8	2	30	0
CONTIG-066387	312	11	26	101	0
CONTIG-066388	64	8	0	15	0
CONTIG-066389	230	9	7	99	0
CONTIG-066390	118	5	0	8	0
CONTIG-066391	143	5	10	15	0
CONTIG-066392	60	11	14	10	0
CONTIG-066393	167	7	14	41	0
CONTIG-066394	134	20	53	89	0
CONTIG-066395	110	4	0	2	0
CONTIG-066396	105	4	4	2	0
CONTIG-066397	127	12	17	57	0
CONTIG-066398	159	12	5	76	0
CONTIG-066399	145	5	6	12	0
CONTIG-066400	505	15	9	272	4
CONTIG-066401	135	58	19	329	0
CONTIG-066402	226	7	8	48	0
CONTIG-066404	76	6	10	5	0
CONTIG-066405	62	2	0	4	0
CONTIG-066406	85	10	11	22	0
CONTIG-066407	73	12	16	32	0
CONTIG-066408	112	7	4	13	0
CONTIG-066409	70	5	10	2	0
CONTIG-066410	170	6	4	39	0

CONTIG-066411	62	16	22	23	0
CONTIG-066412	68	7	3	16	0
CONTIG-066413	167	6	9	4	0
CONTIG-066414	103	12	15	20	0
CONTIG-066415	68	5	0	5	0
CONTIG-066416	232	9	3	86	0
CONTIG-066417	165	9	6	36	3
CONTIG-066419	436	8	12	76	2
CONTIG-066420	165	6	15	22	0
CONTIG-066421	102	8	2	27	0
CONTIG-066423	57	701	5	57	0
CONTIG-066424	170	10	4	46	0
CONTIG-066425	69	6	2	18	0
CONTIG-066426	192	9	6	58	0
CONTIG-066427	127	7	4	30	0
CONTIG-066428	93	8	7	21	0
CONTIG-066429	78	5	5	11	0
CONTIG-066430	115	5	5	18	0
CONTIG-066433	85	3	6	5	0
CONTIG-066439	129	8	3	42	0
CONTIG-066440	139	3	2	15	0
CONTIG-066441	66	6	0	0	0
CONTIG-066442	130	7	10	36	0
CONTIG-066443	294	8	5	76	0
CONTIG-066444	126	19	5	85	0
CONTIG-066445	204	9	6	59	0
CONTIG-066446	203	13	9	131	0
CONTIG-066447	105	9	21	11	0
CONTIG-066448	81	5	0	4	0
CONTIG-066449	228	13	28	82	2
CONTIG-066450	79	4	2	15	0
CONTIG-066451	213	12	15	75	0
CONTIG-066452	91	3	4	11	0
CONTIG-066453	100	12	2	29	0
CONTIG-066454	252	8	22	32	0
CONTIG-066455	243	8	7	113	0
CONTIG-066456	98	4	5	9	0
CONTIG-066457	246	15	25	28	0
CONTIG-066458	253	6	0	59	0
CONTIG-066459	75	22	5	44	0
CONTIG-066460	63	6	2	0	0
CONTIG-066461	152	7	2	41	0
CONTIG-066462	72	13	8	34	0
CONTIG-066463	414	6	0	57	0
CONTIG-066464	62	6	2	4	0
CONTIG-066465	289	11	12	50	0
CONTIG-066467	370	11	12	80	2

CONTIG-066468	145	6	2	12	0
CONTIG-066469	125	11	14	46	0
CONTIG-066472	346	19	29	178	5
CONTIG-066473	65	5	4	9	0
CONTIG-066474	80	9	2	15	0
CONTIG-066476	114	9	4	45	0
CONTIG-066477	64	6	4	0	0
CONTIG-066478	110	5	5	4	0
CONTIG-066479	136	5	2	16	0
CONTIG-066480	136	2	3	4	0
CONTIG-066482	78	8	12	22	0
CONTIG-066483	87	4	2	13	0
CONTIG-066484	324	9	15	99	2
CONTIG-066485	121	10	4	40	2
CONTIG-066486	73	12	10	28	0
CONTIG-066487	63	3	0	2	0
CONTIG-066490	68	10	2	15	0
CONTIG-066491	89	3	4	7	0
CONTIG-066492	70	4	4	12	0
CONTIG-066493	68	10	27	4	0
CONTIG-066494	405	19	12	349	4
CONTIG-066495	133	11	9	42	0
CONTIG-066496	45	577	26	1188	0
CONTIG-066497	107	6	15	16	0
CONTIG-066498	106	6	8	21	0
CONTIG-066499	68	5	4	7	0
CONTIG-066501	200	8	3	75	0
CONTIG-066502	92	6	6	3	0
CONTIG-066504	193	7	0	82	0
CONTIG-066505	97	24	0	0	0
CONTIG-066506	259	5	5	33	0
CONTIG-066507	315	17	44	153	0
CONTIG-066508	67	7	9	15	0
CONTIG-066509	1642	12	5	0	123
CONTIG-066510	86	6	3	16	0
CONTIG-066511	135	11	0	68	0
CONTIG-066512	82	5	7	2	0
CONTIG-066513	328	12	13	147	0
CONTIG-066517	112	3	5	8	0
CONTIG-066518	476	14	37	239	0
CONTIG-066519	76	5	7	10	0
CONTIG-066520	139	6	9	26	0
CONTIG-066521	116	5	6	11	0
CONTIG-066522	210	8	10	54	0
CONTIG-066523	113	6	6	13	0
CONTIG-066524	155	16	2	103	0
CONTIG-066525	324	6	6	56	4

CONTIG-066526	92	7	3	14	0
CONTIG-066528	107	4	4	10	2
CONTIG-066529	223	6	7	32	0
CONTIG-066530	107	4	2	16	0
CONTIG-066531	60	7	0	7	0
CONTIG-066532	106	9	14	18	0
CONTIG-066533	60	3	7	2	0
CONTIG-066534	45	49	18	16	0
CONTIG-066540	65	6	2	9	0
CONTIG-066541	243	7	2	55	0
CONTIG-066542	193	7	8	29	2
CONTIG-066543	65	12	8	2	0
CONTIG-066544	101	9	6	38	0
CONTIG-066546	59	97	5	285	0
CONTIG-066547	98	8	0	34	0
CONTIG-066548	170	9	15	45	0
CONTIG-066549	106	7	7	19	0
CONTIG-066550	256	14	22	134	0
CONTIG-066551	331	15	21	75	0
CONTIG-066552	88	11	4	5	0
CONTIG-066553	218	121	2	0	592
CONTIG-066554	536	9	0	25	0
CONTIG-066555	75	3	3	4	0
CONTIG-066556	89	8	14	17	0
CONTIG-066557	66	4	3	6	0
CONTIG-066558	491	21	10	6	0
CONTIG-066559	91	9	6	35	0
CONTIG-066560	75	6	7	14	0
CONTIG-066561	67	603	25	2125	0
CONTIG-066563	69	10	18	18	0
CONTIG-066564	209	7	5	52	0
CONTIG-066565	113	12	0	49	4
CONTIG-066566	139	9	12	53	0
CONTIG-066567	97	5	10	8	0
CONTIG-066569	151	12	13	13	0
CONTIG-066570	63	7	2	18	0
CONTIG-066571	390	13	3	0	9
CONTIG-066572	187	13	78	70	2
CONTIG-066575	110	11	7	17	0
CONTIG-066577	237	7	0	0	0
CONTIG-066578	71	22	11	83	0
CONTIG-066579	96	5	6	12	0
CONTIG-066580	165	5	0	15	0
CONTIG-066581	77	12	2	20	0
CONTIG-066582	150	8	17	5	0
CONTIG-066583	103	6	3	13	0
CONTIG-066584	139	6	11	22	0

CONTIG-066585	74	4	2	6	0
CONTIG-066586	96	7	12	7	0
CONTIG-066587	216	18	0	0	58
CONTIG-066590	286	8	6	64	0
CONTIG-066595	241	4	10	16	0
CONTIG-066596	65	6	5	2	0
CONTIG-066597	141	9	4	23	0
CONTIG-066600	92	4	2	0	0
CONTIG-066601	319	8	19	66	0
CONTIG-066603	133	3	16	8	0
CONTIG-066604	99	14	16	23	0
CONTIG-066605	135	5	10	10	0
CONTIG-066606	62	4	0	7	0
CONTIG-066607	194	10	17	27	0
CONTIG-066610	261	11	26	59	0
CONTIG-066611	142	11	2	59	0
CONTIG-066612	94	4	14	4	0
CONTIG-066613	94	4	5	0	0
CONTIG-066614	102	4	2	3	0
CONTIG-066615	189	7	8	41	0
CONTIG-066616	102	3	3	5	0
CONTIG-066617	81	5	0	6	0
CONTIG-066618	241	9	6	86	0
CONTIG-066619	73	6	0	8	0
CONTIG-066620	64	6	13	0	0
CONTIG-066621	141	12	8	78	2
CONTIG-066622	203	4	27	18	0
CONTIG-066623	295	7	11	64	0
CONTIG-066625	89	5	4	12	0
CONTIG-066626	57	13	4	18	0
CONTIG-066627	63	13	17	13	0
CONTIG-066628	138	9	0	27	0
CONTIG-066629	332	20	0	0	34
CONTIG-066630	63	7	3	4	0
CONTIG-066631	98	7	8	16	0
CONTIG-066633	251	11	4	76	4
CONTIG-066635	100	11	17	11	0
CONTIG-066636	89	3	2	0	0
CONTIG-066637	127	7	12	17	0
CONTIG-066638	74	7	12	21	0
CONTIG-066639	105	6	9	10	0
CONTIG-066640	159	8	3	46	0
CONTIG-066641	156	9	3	50	0
CONTIG-066642	101	6	0	18	0
CONTIG-066643	111	23	44	82	0
CONTIG-066644	70	9	7	6	0
CONTIG-066645	299	12	13	113	0

CONTIG-066646	116	5	9	16	0
CONTIG-066648	74	10	8	23	0
CONTIG-066649	95	7	9	14	0
CONTIG-066650	74	9	5	29	0
CONTIG-066651	71	3	0	7	0
CONTIG-066652	359	7	10	73	0
CONTIG-066655	70	9	3	24	0
CONTIG-066656	134	8	2	34	0
CONTIG-066657	187	5	4	34	0
CONTIG-066658	212	10	34	9	0
CONTIG-066660	87	9	6	21	0
CONTIG-066661	230	6	5	25	0
CONTIG-066662	690	11	24	341	0
CONTIG-066663	92	7	12	20	0
CONTIG-066664	64	8	14	0	0
CONTIG-066665	85	10	7	28	0
CONTIG-066666	113	5	11	9	0
CONTIG-066667	140	4	7	8	0
CONTIG-066668	170	24	37	111	0
CONTIG-066669	176	6	5	23	2
CONTIG-066670	60	6	0	11	0
CONTIG-066673	249	11	10	109	0
CONTIG-066674	217	5	7	25	0
CONTIG-066675	124	20	2	31	0
CONTIG-066676	178	12	16	46	0
CONTIG-066677	217	11	25	59	4
CONTIG-066678	174	6	2	8	0
CONTIG-066679	295	16	32	108	2
CONTIG-066680	136	7	22	27	0
CONTIG-066681	48	9	4	15	0
CONTIG-066682	131	5	0	19	0
CONTIG-066683	76	4	10	2	0
CONTIG-066684	535	22	2	11	0
CONTIG-066685	68	3	0	9	0
CONTIG-066686	70	4	4	4	0
CONTIG-066687	72	8	7	11	0
CONTIG-066688	159	11	0	59	0
CONTIG-066693	89	3	2	6	0
CONTIG-066694	91	4	8	8	0
CONTIG-066695	234	11	5	47	0
CONTIG-066696	70	6	0	14	0
CONTIG-066697	47	24	9	18	0
CONTIG-066698	180	19	35	110	0
CONTIG-066699	91	3	5	4	0
CONTIG-066701	89	6	13	5	0
CONTIG-066702	313	8	9	81	0
CONTIG-066703	119	7	0	32	0

CONTIG-066706	98	2	2	0	0
CONTIG-066708	98	19	6	74	0
CONTIG-066709	164	12	24	40	2
CONTIG-066710	75	15	8	2	0
CONTIG-066711	152	9	7	8	0
CONTIG-066712	272	12	10	105	0
CONTIG-066713	69	4	0	4	0
CONTIG-066714	99	4	8	0	0
CONTIG-066715	175	5	8	24	0
CONTIG-066716	90	5	16	9	0
CONTIG-066721	91	5	8	12	0
CONTIG-066722	201	5	7	23	4
CONTIG-066723	67	5	4	6	0
CONTIG-066724	168	11	19	55	0
CONTIG-066725	99	11	28	30	0
CONTIG-066726	66	7	7	8	0
CONTIG-066727	103	6	10	16	0
CONTIG-066728	155	10	5	43	2
CONTIG-066729	410	75	2	0	237
CONTIG-066730	135	14	0	54	2
CONTIG-066732	41	145	0	69	4
CONTIG-066733	62	6	6	13	0
CONTIG-066734	114	10	0	2	0
CONTIG-066735	78	7	6	15	0
CONTIG-066736	203	7	2	41	0
CONTIG-066737	75	19	8	75	0
CONTIG-066738	114	5	6	8	0
CONTIG-066739	153	10	3	40	5
CONTIG-066740	65	4	6	4	0
CONTIG-066741	77	7	7	8	0
CONTIG-066742	65	2	2	0	0
CONTIG-066743	86	8	34	14	0
CONTIG-066744	160	11	9	43	0
CONTIG-066745	221	9	2	64	0
CONTIG-066746	167	5	28	13	0
CONTIG-066747	130	10	13	23	4
CONTIG-066748	123	6	4	21	0
CONTIG-066750	357	7	16	103	0
CONTIG-066751	92	5	0	11	0
CONTIG-066752	95	7	0	13	0
CONTIG-066753	63	8	6	13	0
CONTIG-066754	113	11	27	27	2
CONTIG-066755	265	8	4	34	0
CONTIG-066756	201	9	26	41	0
CONTIG-066757	114	3	0	7	0
CONTIG-066758	65	4	0	7	0
CONTIG-066759	100	43	13	220	0

CONTIG-066760	121	9	20	23	2
CONTIG-066761	451	20	10	353	8
CONTIG-066762	149	10	10	43	0
CONTIG-066763	86	7	15	19	0
CONTIG-066765	269	6	10	0	0
CONTIG-066766	170	4	4	14	0
CONTIG-066767	131	9	6	29	0
CONTIG-066768	84	3	0	4	0
CONTIG-066769	111	11	8	0	4
CONTIG-066770	374	9	11	86	0
CONTIG-066771	177	6	11	33	0
CONTIG-066773	189	5	2	8	0
CONTIG-066779	126	6	7	18	0
CONTIG-066780	101	4	10	9	0
CONTIG-066781	136	7	4	28	0
CONTIG-066782	222	10	13	57	2
CONTIG-066783	81	6	2	5	6
CONTIG-066784	104	4	0	2	0
CONTIG-066785	93	10	4	42	0
CONTIG-066786	79	2	2	4	0
CONTIG-066787	219	5	4	36	0
CONTIG-066788	234	6	2	31	0
CONTIG-066789	74	26	0	86	0
CONTIG-066790	134	8	8	12	2
CONTIG-066791	91	5	0	12	0
CONTIG-066792	72	15	0	37	2
CONTIG-066793	415	14	29	193	2
CONTIG-066794	98	7	9	7	0
CONTIG-066795	93	6	7	23	0
CONTIG-066796	140	6	6	26	0
CONTIG-066797	165	5	4	10	2
CONTIG-066798	138	9	12	15	0
CONTIG-066799	124	8	7	30	0
CONTIG-066800	350	19	4	159	2
CONTIG-066801	101	17	0	72	2
CONTIG-066802	83	5	5	8	0
CONTIG-066803	72	10	0	10	0
CONTIG-066804	224	10	4	34	6
CONTIG-066805	893	21	2	0	49
CONTIG-066806	92	8	0	19	0
CONTIG-066807	63	9	2	10	0
CONTIG-066808	101	6	11	9	0
CONTIG-066809	296	9	6	66	4
CONTIG-066810	93	6	0	13	0
CONTIG-066811	284	14	5	162	0
CONTIG-066812	603	19	40	349	0
CONTIG-066813	640	29	11	652	40

CONTIG-066814	106	8	5	17	0
CONTIG-066815	262	15	31	0	25
CONTIG-066816	179	4	2	21	0
CONTIG-066817	74	20	13	45	0
CONTIG-066819	689	12	26	241	2
CONTIG-066820	88	7	15	14	0
CONTIG-066821	96	5	2	17	0
CONTIG-066822	72	45	0	0	69
CONTIG-066823	62	14	2	6	0
CONTIG-066824	252	9	41	64	0
CONTIG-066825	52	59	8	150	0
CONTIG-066826	174	8	8	50	0
CONTIG-066828	157	5	5	16	0
CONTIG-066829	236	17	26	111	0
CONTIG-066830	90	4	3	10	0
CONTIG-066831	224	14	14	81	4
CONTIG-066832	145	7	0	34	0
CONTIG-066833	235	11	17	87	0
CONTIG-066834	80	6	2	15	0
CONTIG-066835	206	9	3	63	0
CONTIG-066836	138	15	6	67	2
CONTIG-066837	112	5	11	15	0
CONTIG-066838	210	6	4	65	0
CONTIG-066839	189	12	2	60	0
CONTIG-066840	60	8	0	14	0
CONTIG-066841	58	6	5	5	0
CONTIG-066842	83	6	36	0	0
CONTIG-066843	58	2	0	5	0
CONTIG-066844	111	4	0	8	3
CONTIG-066845	397	25	3	0	10
CONTIG-066846	78	4	6	7	0
CONTIG-066847	196	13	54	58	0
CONTIG-066848	163	4	2	17	0
CONTIG-066850	78	3	2	7	0
CONTIG-066851	70	5	8	0	0
CONTIG-066852	410	13	17	231	0
CONTIG-066853	175	8	4	42	0
CONTIG-066854	215	8	4	53	0
CONTIG-066855	173	9	13	53	2
CONTIG-066857	70	5	7	11	0
CONTIG-066858	141	5	6	12	0
CONTIG-066859	58	3	4	0	0
CONTIG-066860	148	18	5	102	2
CONTIG-066861	73	9	6	22	0
CONTIG-066862	306	33	32	71	0
CONTIG-066863	488	11	12	188	0
CONTIG-066865	139	12	46	50	0

CONTIG-066866	476	23	41	302	10
CONTIG-066867	152	15	4	58	0
CONTIG-066868	123	3	0	19	0
CONTIG-066869	74	15	23	0	0
CONTIG-066870	68	3	4	0	0
CONTIG-066871	299	17	30	128	3
CONTIG-066872	742	23	12	6	0
CONTIG-066873	66	4	0	14	0
CONTIG-066874	126	6	4	20	0
CONTIG-066881	137	9	12	33	0
CONTIG-066882	502	8	6	179	0
CONTIG-066883	113	11	5	47	0
CONTIG-066884	68	7	5	18	0
CONTIG-066885	78	6	6	16	0
CONTIG-066886	113	4	3	13	0
CONTIG-066887	309	11	8	43	2
CONTIG-066888	79	8	4	0	2
CONTIG-066889	78	5	7	2	0
CONTIG-066890	212	4	9	24	0
CONTIG-066891	64	4	2	2	0
CONTIG-066892	39	166	7	163	0
CONTIG-066893	572	12	38	217	4
CONTIG-066894	903	22	2	0	90
CONTIG-066895	104	3	0	2	2
CONTIG-066896	133	8	12	41	0
CONTIG-066898	176	7	13	28	0
CONTIG-066899	130	6	8	17	0
CONTIG-066900	221	9	14	68	0
CONTIG-066902	180	9	14	53	0
CONTIG-066903	139	6	6	25	0
CONTIG-066904	110	12	2	52	0
CONTIG-066905	112	10	28	12	0
CONTIG-066906	126	9	10	32	0
CONTIG-066907	52	6	7	7	0
CONTIG-066908	95	8	4	21	0
CONTIG-066909	110	16	6	61	0
CONTIG-066911	59	4	2	0	0
CONTIG-066912	71	4	0	7	0
CONTIG-066913	90	5	4	13	0
CONTIG-066914	184	21	16	81	0
CONTIG-066916	62	12	2	16	0
CONTIG-066917	72	8	10	4	0
CONTIG-066919	87	2	4	2	0
CONTIG-066920	140	12	2	73	0
CONTIG-066922	99	8	4	2	0
CONTIG-066923	78	2	3	0	0
CONTIG-066924	75	9	16	9	0

CONTIG-066925	103	4	2	4	0
CONTIG-066926	100	3	3	2	0
CONTIG-066927	196	12	9	78	0
CONTIG-066928	214	8	0	50	2
CONTIG-066930	85	9	0	37	0
CONTIG-066932	63	5	4	2	0
CONTIG-066933	74	9	4	13	0
CONTIG-066934	146	6	3	15	0
CONTIG-066935	378	16	33	339	0
CONTIG-066936	74	6	0	17	0
CONTIG-066937	124	4	4	5	0
CONTIG-066938	132	6	9	12	0
CONTIG-066939	112	5	2	7	0
CONTIG-066940	97	10	10	30	0
CONTIG-066941	101	9	2	34	0
CONTIG-066942	169	3	0	17	0
CONTIG-066943	119	8	36	11	0
CONTIG-066944	47	9	3	10	0
CONTIG-066945	133	15	6	92	0
CONTIG-066946	96	4	2	10	0
CONTIG-066947	92	7	17	11	0
CONTIG-066948	90	8	6	15	0
CONTIG-066949	206	6	5	19	0
CONTIG-066950	80	7	3	24	0
CONTIG-066951	1311	54	2	0	804
CONTIG-066952	72	6	7	2	0
CONTIG-066953	144	18	18	90	4
CONTIG-066955	179	8	29	17	0
CONTIG-066956	222	8	4	64	3
CONTIG-066957	58	5	7	2	0
CONTIG-066958	186	23	14	154	2
CONTIG-066959	221	14	6	166	0
CONTIG-066960	75	6	9	8	0
CONTIG-066961	62	4	2	13	0
CONTIG-066962	111	7	0	20	0
CONTIG-066964	329	9	6	83	3
CONTIG-066965	146	17	8	32	0
CONTIG-066966	110	8	5	12	2
CONTIG-066967	82	14	3	49	0
CONTIG-066968	86	7	0	14	0
CONTIG-066969	67	5	0	0	0
CONTIG-066970	250	12	0	91	2
CONTIG-066971	95	20	14	5	0
CONTIG-066973	90	5	4	8	0
CONTIG-066974	133	3	2	8	0
CONTIG-066975	66	3	0	7	0
CONTIG-066976	118	5	2	13	0

CONTIG-066977	169	6	18	23	0
CONTIG-066978	68	3	0	6	0
CONTIG-066979	65	5	3	9	0
CONTIG-066982	318	11	11	177	0
CONTIG-066983	462	12	2	0	19
CONTIG-066984	90	3	0	7	0
CONTIG-066986	344	8	15	32	0
CONTIG-066987	104	5	3	9	0
CONTIG-066988	58	9	3	17	0
CONTIG-066989	61	8	15	4	0
CONTIG-066990	167	10	3	12	0
CONTIG-066991	152	6	2	17	0
CONTIG-066992	149	5	0	21	0
CONTIG-066993	64	4	15	0	0
CONTIG-066994	76	5	2	0	0
CONTIG-066995	64	7	0	5	0
CONTIG-066996	194	7	6	45	0
CONTIG-066997	111	58	13	333	0
CONTIG-066998	90	4	3	4	0
CONTIG-066999	111	3	4	2	0
CONTIG-067000	65	7	20	5	0
CONTIG-067001	149	8	15	43	0
CONTIG-067002	133	10	4	25	0
CONTIG-067003	108	17	4	64	2
CONTIG-067004	119	4	5	14	0
CONTIG-067005	445	10	20	172	0
CONTIG-067006	165	10	4	58	0
CONTIG-067007	74	7	2	17	0
CONTIG-067008	287	9	7	51	4
CONTIG-067009	67	5	7	2	0
CONTIG-067011	78	2	2	2	0
CONTIG-067012	188	7	13	33	0
CONTIG-067013	108	8	2	19	0
CONTIG-067014	59	8	11	11	0
CONTIG-067015	118	5	4	9	0
CONTIG-067016	174	6	2	35	0
CONTIG-067017	209	5	4	40	0
CONTIG-067019	131	6	9	29	0
CONTIG-067020	234	20	16	0	20
CONTIG-067022	136	7	2	31	0
CONTIG-067023	213	5	10	11	0
CONTIG-067025	58	20	3	46	0
CONTIG-067027	103	7	2	15	3
CONTIG-067028	144	10	2	33	0
CONTIG-067029	102	6	7	8	0
CONTIG-067030	102	10	7	26	0
CONTIG-067031	563	16	8	188	2

CONTIG-067032	151	9	14	10	2
CONTIG-067033	75	6	7	12	0
CONTIG-067034	59	15	10	23	0
CONTIG-067035	130	6	11	24	0
CONTIG-067036	115	9	6	29	0
CONTIG-067037	211	11	7	43	0
CONTIG-067038	255	8	28	53	2
CONTIG-067039	76	2	0	4	0
CONTIG-067041	132	5	2	10	0
CONTIG-067042	126	11	7	22	0
CONTIG-067043	183	21	28	127	6
CONTIG-067044	65	2	0	2	0
CONTIG-067045	318	6	0	32	0
CONTIG-067046	98	9	6	25	0
CONTIG-067047	328	15	4	195	2
CONTIG-067048	152	8	10	39	0
CONTIG-067049	294	9	0	18	0
CONTIG-067050	185	9	2	53	2
CONTIG-067051	228	9	7	77	0
CONTIG-067052	96	11	6	51	0
CONTIG-067053	95	3	0	7	0
CONTIG-067054	84	4	4	12	0
CONTIG-067055	64	7	3	14	0
CONTIG-067056	76	15	22	2	0
CONTIG-067057	65	7	2	2	0
CONTIG-067059	90	5	7	7	0
CONTIG-067060	215	7	9	43	0
CONTIG-067061	587	64	4	16	0
CONTIG-067062	185	7	5	27	0
CONTIG-067063	95	7	8	19	0
CONTIG-067064	68	3	0	2	0
CONTIG-067065	227	9	24	66	0
CONTIG-067066	151	5	3	10	0
CONTIG-067067	103	10	4	38	0
CONTIG-067068	312	8	7	68	4
CONTIG-067069	161	6	3	23	0
CONTIG-067070	187	14	25	76	0
CONTIG-067071	85	8	12	22	0
CONTIG-067072	127	13	6	80	0
CONTIG-067073	69	5	11	4	0
CONTIG-067074	398	12	8	157	0
CONTIG-067075	102	5	2	14	0
CONTIG-067076	111	9	2	2	0
CONTIG-067077	122	11	4	30	0
CONTIG-067078	92	11	2	23	0
CONTIG-067080	340	6	9	47	0
CONTIG-067081	68	2	4	0	0

CONTIG-067082	69	10	21	0	0
CONTIG-067083	71	6	4	10	0
CONTIG-067084	197	7	0	37	0
CONTIG-067085	148	7	7	29	2
CONTIG-067086	131	4	4	0	0
CONTIG-067087	68	16	5	28	0
CONTIG-067088	85	6	19	10	0
CONTIG-067089	372	11	7	91	0
CONTIG-067090	83	7	10	9	0
CONTIG-067091	179	4	2	2	0
CONTIG-067092	402	8	7	65	0
CONTIG-067093	153	17	11	108	2
CONTIG-067095	83	5	2	0	0
CONTIG-067096	87	8	4	6	0
CONTIG-067097	182	8	24	32	0
CONTIG-067098	98	5	0	0	4
CONTIG-067099	113	5	6	6	0
CONTIG-067100	62	24	2	25	0
CONTIG-067101	133	5	7	8	0
CONTIG-067102	148	6	3	23	0
CONTIG-067103	156	9	4	9	0
CONTIG-067104	89	7	4	15	0
CONTIG-067105	65	10	15	22	0
CONTIG-067106	98	3	3	0	0
CONTIG-067107	229	12	6	44	0
CONTIG-067108	106	15	6	55	0
CONTIG-067109	368	8	5	88	0
CONTIG-067110	142	9	11	42	0
CONTIG-067111	215	16	14	119	0
CONTIG-067112	98	13	0	29	2
CONTIG-067113	233	7	12	6	0
CONTIG-067114	82	13	0	45	0
CONTIG-067115	154	12	5	0	0
CONTIG-067116	87	4	0	0	0
CONTIG-067117	85	4	10	6	0
CONTIG-067118	136	15	6	24	0
CONTIG-067119	86	4	3	12	0
CONTIG-067120	89	4	2	0	0
CONTIG-067121	74	6	9	0	4
CONTIG-067122	260	7	8	43	0
CONTIG-067123	235	11	15	85	0
CONTIG-067124	83	7	27	8	0
CONTIG-067125	194	14	8	97	0
CONTIG-067126	125	9	6	9	2
CONTIG-067127	68	27	22	68	2
CONTIG-067130	105	4	2	14	0
CONTIG-067131	127	19	80	54	0

CONTIG-067132	89	9	15	23	0
CONTIG-067134	303	15	5	2	78
CONTIG-067135	211	8	2	51	0
CONTIG-067136	94	7	0	26	0
CONTIG-067137	258	5	3	0	0
CONTIG-067138	69	5	2	7	0
CONTIG-067139	303	10	5	120	0
CONTIG-067140	242	15	10	172	0
CONTIG-067141	136	12	13	55	0
CONTIG-067142	174	6	0	12	0
CONTIG-067144	117	5	4	11	0
CONTIG-067146	184	13	9	103	0
CONTIG-067147	131	7	4	22	2
CONTIG-067149	128	30	19	151	6
CONTIG-067150	70	3	0	7	0
CONTIG-067151	132	40	0	25	0
CONTIG-067152	236	5	4	31	0
CONTIG-067153	129	414	3	0	418
CONTIG-067154	60	11	11	25	0
CONTIG-067155	186	14	9	123	0
CONTIG-067156	177	5	7	23	0
CONTIG-067157	569	17	14	496	2
CONTIG-067158	72	3	0	2	0
CONTIG-067159	123	14	2	73	2
CONTIG-067160	411	11	18	146	4
CONTIG-067161	198	10	7	69	2
CONTIG-067163	256	6	0	0	10
CONTIG-067164	286	11	2	143	0
CONTIG-067165	117	6	14	30	0
CONTIG-067166	133	4	7	6	0
CONTIG-067167	215	10	4	113	0
CONTIG-067168	165	28	3	0	7
CONTIG-067171	64	8	19	9	0
CONTIG-067172	79	6	0	20	0
CONTIG-067174	95	3	0	6	2
CONTIG-067175	61	15	13	10	0
CONTIG-067176	82	4	2	7	0
CONTIG-067177	70	12	31	0	0
CONTIG-067178	99	5	0	16	0
CONTIG-067179	66	5	5	5	0
CONTIG-067180	99	5	4	12	0
CONTIG-067187	136	6	25	11	0
CONTIG-067189	232	11	29	91	0
CONTIG-067190	103	7	6	18	0
CONTIG-067191	68	13	0	0	0
CONTIG-067192	191	9	7	37	0
CONTIG-067193	637	8	24	150	0

CONTIG-067194	96	4	0	6	0
CONTIG-067195	429	17	20	316	6
CONTIG-067196	70	11	12	6	0
CONTIG-067198	148	7	5	22	2
CONTIG-067199	112	8	18	33	0
CONTIG-067200	608	9	13	230	2
CONTIG-067201	61	16	3	52	0
CONTIG-067202	182	5	7	26	0
CONTIG-067203	98	13	10	31	0
CONTIG-067204	186	16	16	122	0
CONTIG-067205	128	6	0	25	0
CONTIG-067206	62	10	5	19	0
CONTIG-067207	191	17	0	8	0
CONTIG-067209	78	6	2	14	0
CONTIG-067211	70	6	22	0	0
CONTIG-067212	413	9	25	152	4
CONTIG-067214	69	5	0	2	0
CONTIG-067215	321	8	16	47	0
CONTIG-067216	58	7	5	12	0
CONTIG-067217	95	5	3	7	0
CONTIG-067218	130	12	17	70	0
CONTIG-067219	104	9	8	12	0
CONTIG-067220	58	5	3	6	0
CONTIG-067221	95	5	9	6	0
CONTIG-067223	97	4	12	0	0
CONTIG-067225	579	12	7	234	2
CONTIG-067226	121	5	0	7	0
CONTIG-067227	73	11	28	22	0
CONTIG-067229	71	15	6	22	0
CONTIG-067230	106	7	4	15	0
CONTIG-067233	228	16	3	0	0
CONTIG-067234	120	18	5	68	0
CONTIG-067238	116	9	12	38	0
CONTIG-067239	89	4	4	0	0
CONTIG-067240	80	5	3	7	0
CONTIG-067241	80	2	3	0	0
CONTIG-067242	96	7	32	0	0
CONTIG-067243	113	4	3	2	0
CONTIG-067245	112	8	24	20	2
CONTIG-067246	128	5	3	4	0
CONTIG-067247	77	4	4	12	0
CONTIG-067249	201	9	10	19	0
CONTIG-067252	259	6	5	32	0
CONTIG-067253	66	5	5	9	0
CONTIG-067254	89	2	0	0	0
CONTIG-067255	154	17	22	42	0
CONTIG-067256	131	6	2	26	0

CONTIG-067257	123	8	8	22	0
CONTIG-067258	82	4	6	5	0
CONTIG-067259	231	15	16	204	0
CONTIG-067260	168	17	43	85	0
CONTIG-067261	59	5	4	7	0
CONTIG-067262	116	13	5	87	0
CONTIG-067263	97	8	5	27	0
CONTIG-067266	66	8	6	6	0
CONTIG-067267	75	8	8	18	0
CONTIG-067268	73	7	2	4	0
CONTIG-067269	59	7	6	7	0
CONTIG-067270	127	5	4	11	2
CONTIG-067271	131	7	11	40	0
CONTIG-067272	137	3	7	7	0
CONTIG-067273	101	12	2	51	0
CONTIG-067274	228	7	2	50	0
CONTIG-067275	116	5	4	7	0
CONTIG-067276	96	6	0	0	4
CONTIG-067277	70	3	3	7	0
CONTIG-067278	159	10	5	37	2
CONTIG-067279	136	10	6	45	0
CONTIG-067286	76	12	0	11	0
CONTIG-067288	73	5	3	6	0
CONTIG-067289	58	13	9	18	0
CONTIG-067290	80	10	7	25	0
CONTIG-067291	161	5	2	38	0
CONTIG-067292	74	7	2	3	0
CONTIG-067293	94	7	6	9	0
CONTIG-067295	152	9	0	35	0
CONTIG-067296	511	13	28	226	0
CONTIG-067297	347	11	8	124	0
CONTIG-067298	340	10	13	119	2
CONTIG-067299	111	7	11	6	0
CONTIG-067300	251	10	4	88	0
CONTIG-067301	153	8	6	39	2
CONTIG-067302	85	8	9	0	7
CONTIG-067303	111	5	2	14	0
CONTIG-067309	94	5	12	6	0
CONTIG-067310	226	11	2	62	0
CONTIG-067311	141	8	7	34	0
CONTIG-067312	137	9	11	52	0
CONTIG-067313	118	5	16	16	0
CONTIG-067320	87	5	15	2	0
CONTIG-067321	339	9	18	110	0
CONTIG-067322	153	6	5	14	0
CONTIG-067324	76	4	2	0	0
CONTIG-067325	230	7	10	55	0

CONTIG-067326	344	9	0	78	0
CONTIG-067327	70	39	17	35	0
CONTIG-067328	83	17	7	41	0
CONTIG-067329	184	12	6	97	0
CONTIG-067330	72	6	11	8	0
CONTIG-067331	136	27	36	100	2
CONTIG-067332	48	102	10	103	0
CONTIG-067333	117	5	2	17	0
CONTIG-067335	87	9	3	34	0
CONTIG-067337	77	5	2	8	0
CONTIG-067338	138	97	51	464	13
CONTIG-067340	96	6	2	26	0
CONTIG-067341	125	5	15	16	0
CONTIG-067342	179	9	10	44	0
CONTIG-067343	254	5	0	29	0
CONTIG-067344	62	4	0	2	0
CONTIG-067345	93	8	0	17	0
CONTIG-067346	70	9	0	13	0
CONTIG-067347	243	9	2	25	0
CONTIG-067348	323	7	6	33	0
CONTIG-067349	133	7	25	14	0
CONTIG-067350	456	7	5	2	0
CONTIG-067351	1007	14	8	449	0
CONTIG-067352	342	10	34	95	0
CONTIG-067353	111	10	5	23	0
CONTIG-067356	525	16	14	245	17
CONTIG-067357	70	5	3	2	0
CONTIG-067358	97	3	2	10	0
CONTIG-067359	132	7	0	16	0
CONTIG-067360	70	4	2	2	2
CONTIG-067365	157	15	5	109	2
CONTIG-067366	103	12	9	36	0
CONTIG-067367	189	9	14	29	0
CONTIG-067368	164	12	20	57	3
CONTIG-067369	145	7	5	35	0
CONTIG-067371	91	6	9	13	0
CONTIG-067372	224	6	9	35	0
CONTIG-067374	155	5	9	13	0
CONTIG-067375	85	8	3	27	0
CONTIG-067376	143	6	3	13	0
CONTIG-067379	96	7	2	14	0
CONTIG-067380	127	9	3	0	0
CONTIG-067381	136	6	5	11	0
CONTIG-067382	187	5	8	32	0
CONTIG-067383	100	11	4	58	0
CONTIG-067384	773	16	6	40	151
CONTIG-067385	126	33	0	15	68

CONTIG-067386	159	4	2	23	0
CONTIG-067387	306	12	2	116	0
CONTIG-067388	126	12	2	23	4
CONTIG-067390	635	16	3	0	58
CONTIG-067392	253	11	10	100	0
CONTIG-067393	67	4	0	10	0
CONTIG-067394	68	9	5	26	0
CONTIG-067397	51	868	2	281	0
CONTIG-067398	353	29	9	2	214
CONTIG-067399	147	13	5	8	0
CONTIG-067400	363	11	7	172	0
CONTIG-067401	158	8	6	34	0
CONTIG-067402	46	34	10	21	0
CONTIG-067403	71	5	7	4	0
CONTIG-067404	207	7	2	20	0
CONTIG-067405	62	4	0	0	0
CONTIG-067406	263	9	14	49	0
CONTIG-067407	119	12	5	66	0
CONTIG-067408	101	6	0	21	0
CONTIG-067409	62	4	0	0	0
CONTIG-067410	92	5	12	2	0
CONTIG-067412	148	6	0	27	0
CONTIG-067414	222	9	0	0	8
CONTIG-067415	135	8	2	30	0
CONTIG-067416	236	9	13	50	0
CONTIG-067419	284	6	0	35	0
CONTIG-067420	428	11	7	164	0
CONTIG-067421	72	8	3	17	2
CONTIG-067422	77	6	2	10	0
CONTIG-067423	81	16	73	0	0
CONTIG-067424	145	8	9	25	0
CONTIG-067425	94	8	10	24	0
CONTIG-067426	76	3	8	8	0
CONTIG-067427	185	10	8	93	0
CONTIG-067428	98	8	5	30	0
CONTIG-067429	95	4	0	3	0
CONTIG-067433	101	4	2	4	0
CONTIG-067434	293	10	8	77	3
CONTIG-067435	83	5	16	2	0
CONTIG-067436	361	13	13	207	0
CONTIG-067437	134	6	11	12	0
CONTIG-067438	72	5	6	6	0
CONTIG-067439	98	10	21	34	0
CONTIG-067440	74	2	0	2	0
CONTIG-067441	95	14	21	55	2
CONTIG-067442	62	6	6	12	0
CONTIG-067443	123	10	18	13	0

CONTIG-067444	934	14	24	486	0
CONTIG-067445	89	3	3	2	0
CONTIG-067446	78	8	2	26	0
CONTIG-067447	80	21	17	58	2
CONTIG-067454	220	6	0	27	0
CONTIG-067455	207	10	2	76	0
CONTIG-067456	166	9	27	25	2
CONTIG-067458	152	10	2	9	3
CONTIG-067459	426	14	39	266	0
CONTIG-067460	189	3	4	15	0
CONTIG-067461	84	10	0	2	0
CONTIG-067462	82	33	2	68	0
CONTIG-067463	266	9	12	66	0
CONTIG-067464	67	4	14	0	0
CONTIG-067465	109	4	2	0	0
CONTIG-067466	98	12	5	49	0
CONTIG-067467	74	16	22	27	0
CONTIG-067468	225	22	14	102	23
CONTIG-067469	928	75	14	90	2
CONTIG-067470	60	4	0	5	0
CONTIG-067471	177	3	3	8	0
CONTIG-067472	127	5	7	15	0
CONTIG-067473	186	12	3	75	4
CONTIG-067474	130	9	7	15	0
CONTIG-067475	118	4	12	4	0
CONTIG-067476	177	5	2	15	2
CONTIG-067477	90	8	9	0	0
CONTIG-067481	77	8	0	22	2
CONTIG-067482	275	14	17	153	2
CONTIG-067483	98	5	7	8	0
CONTIG-067488	63	5	0	6	0
CONTIG-067489	348	14	21	97	2
CONTIG-067490	102	8	0	28	0
CONTIG-067491	106	9	8	0	0
CONTIG-067492	610	12	16	213	0
CONTIG-067493	153	15	6	10	0
CONTIG-067494	117	4	8	4	0
CONTIG-067495	1139	12	27	637	0
CONTIG-067500	104	3	6	6	0
CONTIG-067501	137	12	8	27	0
CONTIG-067502	183	8	17	59	0
CONTIG-067503	73	9	2	28	0
CONTIG-067504	117	4	6	16	0
CONTIG-067505	72	13	10	9	0
CONTIG-067506	331	13	20	158	0
CONTIG-067507	147	6	12	17	0
CONTIG-067508	288	8	5	59	0

CONTIG-067509	326	9	22	84	2
CONTIG-067513	103	42	0	0	0
CONTIG-067514	124	3	8	2	0
CONTIG-067515	64	2	4	2	0
CONTIG-067516	178	7	6	24	0
CONTIG-067517	234	9	7	47	0
CONTIG-067518	72	7	4	15	0
CONTIG-067519	61	8	0	14	0
CONTIG-067520	112	8	14	21	0
CONTIG-067523	156	6	4	40	0
CONTIG-067525	67	7	7	10	0
CONTIG-067526	203	12	15	108	0
CONTIG-067527	67	8	0	16	0
CONTIG-067529	131	6	4	31	0
CONTIG-067530	74	7	9	19	0
CONTIG-067531	75	6	6	16	0
CONTIG-067532	254	32	33	435	2
CONTIG-067533	270	9	42	62	0
CONTIG-067534	69	13	57	0	0
CONTIG-067535	185	12	5	58	0
CONTIG-067536	142	7	3	9	0
CONTIG-067537	52	8	0	2	0
CONTIG-067538	370	13	14	149	0
CONTIG-067540	104	7	6	10	0
CONTIG-067541	260	5	5	42	0
CONTIG-067542	59	6	3	4	0
CONTIG-067543	73	9	12	14	0
CONTIG-067544	185	17	0	144	0
CONTIG-067545	63	3	2	4	0
CONTIG-067546	267	14	4	0	9
CONTIG-067547	227	7	9	25	0
CONTIG-067548	182	10	6	30	0
CONTIG-067550	151	4	3	18	0
CONTIG-067551	205	5	7	7	0
CONTIG-067552	194	7	15	40	0
CONTIG-067553	64	30	0	0	0
CONTIG-067554	77	4	0	10	0
CONTIG-067555	316	11	9	182	0
CONTIG-067556	130	6	11	13	0
CONTIG-067557	89	8	0	16	0
CONTIG-067558	190	6	5	54	0
CONTIG-067559	91	8	22	17	0
CONTIG-067560	156	23	8	0	29
CONTIG-067561	252	8	21	51	0
CONTIG-067562	168	9	10	19	0
CONTIG-067563	83	18	21	36	4
CONTIG-067564	81	4	2	2	0

CONTIG-067565	105	6	0	17	0
CONTIG-067566	69	6	3	6	0
CONTIG-067567	90	9	2	22	0
CONTIG-067568	74	5	2	0	0
CONTIG-067569	149	9	2	49	0
CONTIG-067570	113	20	13	26	0
CONTIG-067571	175	17	27	122	0
CONTIG-067572	132	7	13	28	0
CONTIG-067573	174	6	4	33	0
CONTIG-067576	69	7	2	0	0
CONTIG-067577	156	4	4	18	0
CONTIG-067578	88	10	27	13	0
CONTIG-067579	77	8	17	0	0
CONTIG-067580	74	6	7	18	0
CONTIG-067581	74	5	0	2	0
CONTIG-067582	86	3	0	6	0
CONTIG-067583	251	10	15	99	0
CONTIG-067585	138	10	11	28	6
CONTIG-067586	82	6	16	14	0
CONTIG-067587	218	13	19	81	0
CONTIG-067588	163	6	3	17	2
CONTIG-067589	83	12	3	4	0
CONTIG-067590	644	18	38	190	0
CONTIG-067591	199	9	2	78	0
CONTIG-067592	145	7	9	15	0
CONTIG-067593	230	27	28	161	0
CONTIG-067594	68	6	8	4	0
CONTIG-067595	342	13	4	111	0
CONTIG-067596	103	8	0	21	0
CONTIG-067604	80	4	10	0	0
CONTIG-067605	242	8	12	54	0
CONTIG-067606	63	5	0	6	2
CONTIG-067607	79	30	6	75	4
CONTIG-067608	105	10	20	7	0
CONTIG-067609	398	18	26	241	4
CONTIG-067610	89	5	7	7	0
CONTIG-067611	74	8	6	4	0
CONTIG-067612	86	7	3	29	0
CONTIG-067613	63	3	6	0	0
CONTIG-067614	196	11	11	77	0
CONTIG-067615	79	5	7	8	0
CONTIG-067616	78	5	5	7	0
CONTIG-067617	72	34	12	35	0
CONTIG-067618	622	24	0	0	152
CONTIG-067619	77	11	3	29	0
CONTIG-067620	69	10	5	27	0
CONTIG-067621	57	44	0	72	0

CONTIG-067622	311	10	13	33	0
CONTIG-067623	211	6	0	44	0
CONTIG-067624	88	7	4	11	0
CONTIG-067625	179	6	8	26	0
CONTIG-067626	96	9	7	25	0
CONTIG-067628	46	67	6	82	0
CONTIG-067629	607	10	0	0	27
CONTIG-067630	92	9	9	19	0
CONTIG-067631	215	9	8	78	0
CONTIG-067632	117	6	8	24	0
CONTIG-067635	82	4	4	5	0
CONTIG-067636	533	33	4	0	210
CONTIG-067637	198	12	8	30	4
CONTIG-067638	174	13	2	92	2
CONTIG-067639	79	3	3	2	0
CONTIG-067640	85	5	11	2	2
CONTIG-067641	92	7	7	25	0
CONTIG-067644	95	10	7	30	0
CONTIG-067645	71	6	11	5	0
CONTIG-067646	86	2	2	0	0
CONTIG-067647	106	7	13	14	0
CONTIG-067648	170	5	0	20	0
CONTIG-067649	189	17	10	80	0
CONTIG-067650	105	16	7	62	0
CONTIG-067651	73	3	0	0	0
CONTIG-067652	367	6	6	87	0
CONTIG-067653	89	6	2	5	0
CONTIG-067654	201	6	2	29	0
CONTIG-067657	129	6	7	13	0
CONTIG-067658	187	8	8	53	0
CONTIG-067661	69	5	5	0	0
CONTIG-067663	217	5	4	40	0
CONTIG-067664	296	13	29	146	0
CONTIG-067665	124	8	8	27	0
CONTIG-067666	147	6	23	4	0
CONTIG-067667	146	11	31	35	2
CONTIG-067668	63	4	4	5	0
CONTIG-067669	183	14	10	49	2
CONTIG-067670	152	6	2	25	0
CONTIG-067671	152	9	7	48	0
CONTIG-067672	292	9	9	49	0
CONTIG-067673	160	128	6	468	7
CONTIG-067674	222	16	2	100	5
CONTIG-067675	85	6	2	16	2
CONTIG-067676	290	27	9	57	0
CONTIG-067677	102	4	2	8	0
CONTIG-067678	193	9	13	36	5

CONTIG-067679	156	10	6	39	0
CONTIG-067680	166	10	4	43	2
CONTIG-067681	653	17	45	269	2
CONTIG-067682	198	12	56	48	0
CONTIG-067683	122	6	15	4	0
CONTIG-067684	164	12	10	39	2
CONTIG-067685	90	5	0	7	0
CONTIG-067686	62	4	4	7	0
CONTIG-067687	102	4	4	9	0
CONTIG-067688	63	7	3	9	0
CONTIG-067689	71	4	2	2	0
CONTIG-067690	70	5	4	6	0
CONTIG-067695	561	19	15	181	40
CONTIG-067696	340	8	9	105	0
CONTIG-067697	99	7	3	6	0
CONTIG-067698	94	20	48	47	2
CONTIG-067699	324	12	3	94	2
CONTIG-067700	117	6	6	22	0
CONTIG-067701	124	9	19	5	0
CONTIG-067702	74	12	8	14	0
CONTIG-067703	271	6	14	41	0
CONTIG-067704	74	8	2	24	0
CONTIG-067705	155	6	3	47	0
CONTIG-067707	61	3	2	2	0
CONTIG-067708	163	14	2	0	12
CONTIG-067710	357	8	4	74	0
CONTIG-067711	71	18	0	63	2
CONTIG-067713	157	7	7	26	0
CONTIG-067714	96	9	3	8	0
CONTIG-067715	389	19	7	403	0
CONTIG-067716	509	14	6	0	31
CONTIG-067717	235	8	19	47	0
CONTIG-067718	193	5	10	14	0
CONTIG-067719	91	7	3	23	0
CONTIG-067721	133	5	4	12	0
CONTIG-067722	249	7	10	45	0
CONTIG-067723	116	6	7	12	0
CONTIG-067724	201	6	3	35	0
CONTIG-067725	171	9	12	14	0
CONTIG-067726	83	5	2	5	0
CONTIG-067727	117	73	97	219	0
CONTIG-067730	75	6	4	8	0
CONTIG-067731	84	3	3	2	0
CONTIG-067732	299	12	4	12	0
CONTIG-067733	59	3	5	2	0
CONTIG-067734	109	4	0	9	0
CONTIG-067735	288	9	15	76	0

CONTIG-067736	89	3	0	2	0
CONTIG-067737	285	8	4	36	0
CONTIG-067738	70	4	2	4	0
CONTIG-067739	163	5	7	17	2
CONTIG-067740	101	6	3	28	0
CONTIG-067741	192	13	22	94	0
CONTIG-067742	69	4	4	5	0
CONTIG-067743	116	8	9	28	0
CONTIG-067744	61	6	18	2	0
CONTIG-067745	131	6	0	8	0
CONTIG-067746	118	4	0	18	0
CONTIG-067747	211	5	13	20	2
CONTIG-067748	66	9	7	8	0
CONTIG-067749	145	10	4	39	3
CONTIG-067750	140	21	19	110	0
CONTIG-067751	84	9	9	12	0
CONTIG-067752	63	5	0	4	0
CONTIG-067753	319	8	7	40	2
CONTIG-067754	220	10	3	76	0
CONTIG-067755	137	7	19	40	0
CONTIG-067756	363	9	19	82	2
CONTIG-067757	191	7	22	35	0
CONTIG-067758	67	15	8	30	0
CONTIG-067759	125	19	3	80	2
CONTIG-067760	75	5	0	4	0
CONTIG-067761	129	10	12	25	0
CONTIG-067762	156	40	21	0	16
CONTIG-067764	103	2	3	2	0
CONTIG-067765	228	48	6	10	128
CONTIG-067766	94	7	3	18	0
CONTIG-067767	160	6	2	26	2
CONTIG-067768	317	8	10	30	2
CONTIG-067769	55	125	20	346	0
CONTIG-067770	194	6	2	46	0
CONTIG-067771	372	8	6	86	3
CONTIG-067772	153	14	28	56	0
CONTIG-067773	383	20	44	236	7
CONTIG-067774	351	8	4	72	0
CONTIG-067775	66	5	0	13	0
CONTIG-067776	81	9	2	20	0
CONTIG-067777	268	26	24	197	2
CONTIG-067778	198	7	4	50	0
CONTIG-067779	465	16	68	141	2
CONTIG-067780	203	13	56	16	0
CONTIG-067783	76	3	4	2	0
CONTIG-067784	277	11	18	63	0
CONTIG-067785	86	8	9	19	0

CONTIG-067786	219	5	4	35	3
CONTIG-067787	117	3	2	2	0
CONTIG-067788	64	5	3	0	0
CONTIG-067790	76	5	3	7	0
CONTIG-067792	81	5	8	4	0
CONTIG-067793	318	8	18	35	2
CONTIG-067794	116	5	2	11	0
CONTIG-067795	266	11	21	45	0
CONTIG-067796	78	3	2	3	0
CONTIG-067797	96	9	25	26	0
CONTIG-067798	74	7	7	25	0
CONTIG-067799	87	6	2	9	0
CONTIG-067801	214	12	13	110	0
CONTIG-067802	83	4	5	8	0
CONTIG-067803	209	11	0	97	0
CONTIG-067804	104	7	7	14	0
CONTIG-067805	254	21	5	95	34
CONTIG-067811	266	13	9	136	0
CONTIG-067812	58	5	2	13	0
CONTIG-067813	71	2	2	0	0
CONTIG-067818	65	11	2	28	2
CONTIG-067819	372	9	17	120	0
CONTIG-067821	189	13	40	61	0
CONTIG-067822	61	3	6	0	0
CONTIG-067823	100	7	10	8	0
CONTIG-067824	254	17	3	164	0
CONTIG-067825	111	12	3	0	4
CONTIG-067826	82	11	9	18	0
CONTIG-067827	122	11	8	39	4
CONTIG-067828	142	8	6	42	0
CONTIG-067830	72	5	0	11	0
CONTIG-067831	85	4	0	4	0
CONTIG-067832	208	5	8	19	0
CONTIG-067833	71	10	4	21	0
CONTIG-067834	92	7	5	18	0
CONTIG-067835	231	8	4	63	0
CONTIG-067836	256	10	4	77	0
CONTIG-067837	116	15	2	52	0
CONTIG-067838	76	5	0	6	0
CONTIG-067840	146	9	21	40	2
CONTIG-067841	127	7	10	47	0
CONTIG-067842	71	2	4	0	0
CONTIG-067843	180	13	11	117	0
CONTIG-067844	315	18	20	243	2
CONTIG-067845	96	7	17	10	0
CONTIG-067846	206	13	8	85	2
CONTIG-067847	84	4	0	2	0

CONTIG-067848	65	6	3	8	0
CONTIG-067854	76	4	2	4	0
CONTIG-067855	125	14	7	28	0
CONTIG-067856	63	13	0	4	2
CONTIG-067857	232	12	4	102	0
CONTIG-067858	38	91	63	53	0
CONTIG-067859	249	10	7	63	0
CONTIG-067860	156	6	4	30	0
CONTIG-067861	89	2	3	0	0
CONTIG-067862	443	8	21	83	4
CONTIG-067863	238	17	5	0	0
CONTIG-067864	74	9	4	3	2
CONTIG-067865	82	7	6	17	0
CONTIG-067866	86	7	8	4	0
CONTIG-067867	340	8	0	0	0
CONTIG-067868	146	6	5	2	0
CONTIG-067869	95	3	0	6	0
CONTIG-067870	188	14	0	139	0
CONTIG-067871	95	9	12	32	0
CONTIG-067872	186	6	5	33	0
CONTIG-067873	93	16	6	92	0
CONTIG-067874	69	2	2	3	0
CONTIG-067875	88	7	14	0	0
CONTIG-067877	78	5	3	4	0
CONTIG-067878	63	10	0	14	0
CONTIG-067879	283	7	10	69	2
CONTIG-067880	175	7	0	24	0
CONTIG-067881	292	12	8	118	4
CONTIG-067882	572	13	18	224	6
CONTIG-067888	200	4	5	21	0
CONTIG-067889	203	13	14	43	0
CONTIG-067890	105	9	3	32	0
CONTIG-067891	185	4	2	19	2
CONTIG-067892	58	9	2	12	2
CONTIG-067893	72	3	5	4	0
CONTIG-067894	67	2	2	0	0
CONTIG-067896	247	5	2	27	0
CONTIG-067898	175	9	0	29	0
CONTIG-067899	91	4	0	8	0
CONTIG-067904	107	6	2	0	4
CONTIG-067905	126	7	3	35	0
CONTIG-067906	89	22	22	23	0
CONTIG-067907	82	3	2	8	0
CONTIG-067908	104	3	6	4	0
CONTIG-067909	120	6	0	19	0
CONTIG-067910	430	7	5	0	2
CONTIG-067911	119	4	5	3	0

CONTIG-067912	168	6	13	22	0
CONTIG-067913	374	19	0	0	46
CONTIG-067914	215	10	6	88	0
CONTIG-067915	98	8	4	37	0
CONTIG-067916	147	17	0	64	2
CONTIG-067917	77	5	7	9	0
CONTIG-067919	180	9	4	31	0
CONTIG-067920	62	7	2	7	0
CONTIG-067921	194	10	3	38	0
CONTIG-067923	300	11	0	17	0
CONTIG-067924	139	15	4	104	0
CONTIG-067925	73	9	0	31	0
CONTIG-067926	179	10	8	55	0
CONTIG-067927	94	11	3	19	0
CONTIG-067928	107	6	2	6	0
CONTIG-067929	184	11	13	55	2
CONTIG-067930	263	9	18	54	0
CONTIG-067931	158	7	17	36	0
CONTIG-067934	198	8	17	70	0
CONTIG-067935	84	12	2	35	0
CONTIG-067936	244	8	5	21	0
CONTIG-067937	67	7	3	9	0
CONTIG-067938	383	10	14	152	0
CONTIG-067939	90	7	2	6	0
CONTIG-067940	104	5	0	5	0
CONTIG-067945	100	4	6	2	0
CONTIG-067946	265	6	0	79	0
CONTIG-067947	273	7	5	47	0
CONTIG-067948	112	5	2	15	0
CONTIG-067949	220	10	3	86	0
CONTIG-067950	151	14	2	105	0
CONTIG-067951	60	6	6	12	0
CONTIG-067952	190	8	32	58	0
CONTIG-067953	182	7	0	41	0
CONTIG-067954	118	4	5	18	0
CONTIG-067955	79	3	2	3	0
CONTIG-067956	68	13	8	10	0
CONTIG-067957	101	65	7	223	14
CONTIG-067958	95	6	2	18	0
CONTIG-067959	137	5	5	12	0
CONTIG-067964	211	7	6	28	0
CONTIG-067965	318	11	8	141	0
CONTIG-067966	372	18	6	29	0
CONTIG-067967	90	6	9	17	0
CONTIG-067968	77	29	3	72	0
CONTIG-067969	281	10	7	62	3
CONTIG-067970	130	19	14	69	2

CONTIG-067971	148	9	28	34	0
CONTIG-067972	230	8	4	51	0
CONTIG-067973	97	5	11	20	0
CONTIG-067974	492	8	12	145	0
CONTIG-067979	103	6	13	6	0
CONTIG-067980	187	9	22	53	2
CONTIG-067981	82	8	6	2	2
CONTIG-067982	153	6	2	9	0
CONTIG-067990	92	6	7	17	0
CONTIG-067991	766	16	21	519	2
CONTIG-067992	172	8	5	59	0
CONTIG-067993	59	3	9	0	0
CONTIG-067994	187	30	33	150	2
CONTIG-067995	59	5	4	9	0
CONTIG-067996	163	8	2	38	0
CONTIG-067997	69	5	3	7	0
CONTIG-067998	358	7	4	67	0
CONTIG-067999	81	6	7	13	0
CONTIG-068000	58	5	2	4	0
CONTIG-068001	54	10	5	8	0
CONTIG-068003	68	2	4	2	0
CONTIG-068004	80	6	6	14	0
CONTIG-068005	114	6	7	16	0
CONTIG-068006	158	10	13	39	0
CONTIG-068007	82	7	12	2	0
CONTIG-068008	75	8	2	3	0
CONTIG-068009	79	7	0	12	0
CONTIG-068010	226	16	21	102	0
CONTIG-068011	247	11	7	73	0
CONTIG-068012	296	8	8	84	0
CONTIG-068013	103	7	19	16	0
CONTIG-068014	807	13	32	385	0
CONTIG-068015	71	4	3	2	0
CONTIG-068016	84	9	13	0	0
CONTIG-068017	65	16	6	6	0
CONTIG-068018	75	3	0	0	0
CONTIG-068021	85	7	4	18	0
CONTIG-068022	127	10	5	35	0
CONTIG-068023	127	4	0	2	0
CONTIG-068024	223	16	0	192	0
CONTIG-068025	115	6	22	2	0
CONTIG-068026	177	7	4	56	3
CONTIG-068027	90	2	3	0	0
CONTIG-068028	167	6	3	24	0
CONTIG-068029	74	4	6	5	0
CONTIG-068030	140	4	0	11	0
CONTIG-068031	104	8	0	18	0

CONTIG-068033	116	9	5	35	0
CONTIG-068034	260	7	2	59	2
CONTIG-068035	97	5	0	10	0
CONTIG-068036	77	16	21	30	0
CONTIG-068037	347	13	6	180	3
CONTIG-068038	82	3	2	2	0
CONTIG-068039	201	11	2	77	0
CONTIG-068040	284	9	12	78	0
CONTIG-068041	70	2	0	4	0
CONTIG-068042	210	5	6	20	0
CONTIG-068043	367	6	10	77	0
CONTIG-068044	69	6	5	3	0
CONTIG-068046	81	8	3	25	0
CONTIG-068047	84	19	4	71	0
CONTIG-068048	98	6	0	17	0
CONTIG-068049	144	6	11	0	0
CONTIG-068050	657	27	113	549	0
CONTIG-068051	101	4	16	10	0
CONTIG-068052	77	6	16	2	0
CONTIG-068053	154	7	2	44	0
CONTIG-068054	84	6	2	16	0
CONTIG-068055	78	6	4	17	0
CONTIG-068058	164	4	6	23	0
CONTIG-068059	110	6	6	18	0
CONTIG-068060	61	5	0	5	0
CONTIG-068062	133	6	4	24	0
CONTIG-068063	125	20	20	91	0
CONTIG-068067	91	4	3	10	0
CONTIG-068068	66	6	3	16	0
CONTIG-068069	135	6	4	31	0
CONTIG-068070	318	9	0	83	2
CONTIG-068073	79	4	2	6	0
CONTIG-068074	209	7	6	47	0
CONTIG-068080	73	117	20	120	2
CONTIG-068081	59	3	9	0	0
CONTIG-068082	150	12	7	30	0
CONTIG-068083	64	5	4	4	0
CONTIG-068084	156	8	5	21	0
CONTIG-068085	161	6	8	9	0
CONTIG-068087	373	59	6	1298	0
CONTIG-068088	60	4	2	6	0
CONTIG-068091	129	4	2	0	4
CONTIG-068092	85	5	2	5	0
CONTIG-068093	168	8	21	18	3
CONTIG-068094	65	6	7	9	0
CONTIG-068095	155	9	2	45	0
CONTIG-068096	268	10	13	19	0

CONTIG-068097	110	11	8	25	0
CONTIG-068098	104	9	6	27	0
CONTIG-068099	406	8	18	83	0
CONTIG-068100	253	4	2	20	0
CONTIG-068101	1036	21	29	772	78
CONTIG-068102	79	3	0	0	0
CONTIG-068103	91	3	0	4	0
CONTIG-068104	306	6	4	8	0
CONTIG-068105	129	5	2	25	0
CONTIG-068107	153	7	4	30	0
CONTIG-068108	81	5	6	6	0
CONTIG-068109	241	4	14	15	0
CONTIG-068110	86	5	3	0	0
CONTIG-068111	94	6	7	13	0
CONTIG-068112	116	7	12	19	0
CONTIG-068113	111	5	6	9	0
CONTIG-068114	66	27	10	48	0
CONTIG-068115	106	4	2	0	0
CONTIG-068116	221	7	2	17	0
CONTIG-068117	199	5	29	15	0
CONTIG-068118	60	7	5	4	0
CONTIG-068119	202	5	9	35	0
CONTIG-068120	95	6	4	8	0
CONTIG-068121	296	8	35	83	0
CONTIG-068122	162	12	2	56	0
CONTIG-068123	312	34	11	585	0
CONTIG-068124	212	8	7	44	0
CONTIG-068125	59	4	2	4	0
CONTIG-068126	107	5	2	7	0
CONTIG-068127	98	7	15	11	0
CONTIG-068128	167	7	6	50	2
CONTIG-068129	105	6	0	0	2
CONTIG-068130	69	4	5	4	0
CONTIG-068131	78	3	4	5	0
CONTIG-068132	103	6	12	28	0
CONTIG-068133	269	10	75	45	2
CONTIG-068134	646	19	4	0	37
CONTIG-068135	143	7	2	39	0
CONTIG-068137	428	12	12	171	0
CONTIG-068138	185	14	6	0	13
CONTIG-068139	66	9	6	14	0
CONTIG-068140	75	3	0	4	0
CONTIG-068141	75	4	2	7	0
CONTIG-068142	110	8	3	26	0
CONTIG-068143	99	4	4	14	0
CONTIG-068144	65	6	9	0	0
CONTIG-068145	98	9	32	21	0

CONTIG-068146	211	7	8	13	0
CONTIG-068147	129	5	0	16	0
CONTIG-068148	378	9	7	39	0
CONTIG-068150	105	7	8	29	0
CONTIG-068151	178	5	0	15	0
CONTIG-068152	279	13	7	111	4
CONTIG-068153	313	10	20	74	0
CONTIG-068154	94	4	0	13	0
CONTIG-068155	522	9	14	125	0
CONTIG-068156	260	8	6	59	0
CONTIG-068157	152	11	3	47	0
CONTIG-068158	267	6	12	32	0
CONTIG-068159	118	15	3	82	0
CONTIG-068160	71	9	0	31	0
CONTIG-068161	53	19	2	45	0
CONTIG-068163	75	5	6	6	0
CONTIG-068164	72	2	2	0	0
CONTIG-068166	386	8	13	128	0
CONTIG-068168	121	3	5	4	0
CONTIG-068169	245	9	8	65	0
CONTIG-068170	153	12	5	61	4
CONTIG-068171	65	4	3	2	0
CONTIG-068172	101	6	7	19	0
CONTIG-068173	209	5	0	23	0
CONTIG-068174	197	7	8	51	0
CONTIG-068175	89	7	7	24	0
CONTIG-068177	81	8	0	14	0
CONTIG-068178	123	4	14	0	0
CONTIG-068179	678	8	9	142	0
CONTIG-068180	64	4	3	9	0
CONTIG-068181	263	6	2	37	0
CONTIG-068182	150	7	17	29	0
CONTIG-068183	87	3	0	8	0
CONTIG-068184	64	5	5	0	0
CONTIG-068186	74	4	0	8	0
CONTIG-068187	64	17	12	3	0
CONTIG-068188	113	6	3	14	0
CONTIG-068190	72	3	6	2	0
CONTIG-068191	502	15	17	78	0
CONTIG-068192	194	15	33	141	0
CONTIG-068193	75	11	5	33	0
CONTIG-068194	98	5	9	8	0
CONTIG-068195	422	14	36	176	0
CONTIG-068196	191	6	6	31	0
CONTIG-068197	810	28	0	0	172
CONTIG-068198	183	17	16	104	0
CONTIG-068199	187	10	2	68	0

CONTIG-068200	71	65	0	12	0
CONTIG-068201	259	31	13	321	5
CONTIG-068204	215	9	10	65	0
CONTIG-068206	136	7	8	5	0
CONTIG-068207	60	5	0	11	0
CONTIG-068208	346	11	10	33	0
CONTIG-068209	91	5	3	15	0
CONTIG-068210	167	8	4	34	8
CONTIG-068213	141	6	15	16	0
CONTIG-068214	85	8	12	18	0
CONTIG-068215	98	6	0	7	0
CONTIG-068217	64	20	20	27	0
CONTIG-068221	103	7	0	19	0
CONTIG-068225	96	5	15	10	0
CONTIG-068226	94	5	7	6	0
CONTIG-068227	74	9	16	10	0
CONTIG-068228	112	15	2	90	0
CONTIG-068230	172	10	3	0	0
CONTIG-068232	221	10	48	63	0
CONTIG-068233	92	5	6	6	0
CONTIG-068234	127	7	4	4	0
CONTIG-068235	250	165	2	0	578
CONTIG-068236	92	7	0	14	0
CONTIG-068237	97	4	2	0	2
CONTIG-068238	218	8	2	61	0
CONTIG-068239	175	6	9	32	0
CONTIG-068240	95	4	3	14	0
CONTIG-068241	323	12	37	173	0
CONTIG-068242	89	5	2	18	0
CONTIG-068243	242	4	18	20	0
CONTIG-068244	173	5	3	32	0
CONTIG-068245	163	7	0	41	2
CONTIG-068246	339	7	4	0	6
CONTIG-068250	72	10	4	20	0
CONTIG-068251	212	7	10	16	0
CONTIG-068252	76	27	9	25	0
CONTIG-068253	122	12	8	39	0
CONTIG-068254	217	23	16	41	0
CONTIG-068255	256	8	0	58	2
CONTIG-068256	148	14	8	85	2
CONTIG-068257	81	9	9	22	0
CONTIG-068258	156	15	10	66	2
CONTIG-068259	63	11	2	12	0
CONTIG-068262	71	3	0	5	0
CONTIG-068263	46	245	17	136	2
CONTIG-068271	104	7	2	20	0
CONTIG-068272	145	16	12	97	0

CONTIG-068273	358	12	34	157	2
CONTIG-068274	76	4	0	4	0
CONTIG-068275	200	7	23	30	0
CONTIG-068278	93	6	4	22	0
CONTIG-068279	78	8	2	10	0
CONTIG-068280	315	3	6	32	0
CONTIG-068281	199	4	4	10	0
CONTIG-068282	200	15	5	78	0
CONTIG-068283	101	4	7	8	0
CONTIG-068284	86	4	6	10	0
CONTIG-068285	436	13	11	203	0
CONTIG-068286	94	8	6	23	0
CONTIG-068287	75	11	12	28	0
CONTIG-068288	70	20	4	20	0
CONTIG-068289	89	9	0	7	0
CONTIG-068290	137	8	4	25	0
CONTIG-068291	214	7	4	58	0
CONTIG-068292	74	3	0	2	0
CONTIG-068293	88	6	2	12	0
CONTIG-068294	254	9	13	54	4
CONTIG-068295	110	12	11	55	0
CONTIG-068296	449	15	10	265	0
CONTIG-068297	73	5	0	5	0
CONTIG-068298	842	13	17	504	5
CONTIG-068299	111	11	3	23	0
CONTIG-068300	76	6	0	4	0
CONTIG-068301	62	5	0	6	0
CONTIG-068302	124	20	37	101	0
CONTIG-068303	480	11	35	271	0
CONTIG-068304	109	11	3	43	0
CONTIG-068305	61	4	9	3	0
CONTIG-068306	131	5	5	30	0
CONTIG-068307	119	4	5	2	0
CONTIG-068308	106	6	5	16	0
CONTIG-068309	599	22	19	74	0
CONTIG-068311	104	13	6	64	0
CONTIG-068312	102	4	0	4	0
CONTIG-068313	76	6	22	0	0
CONTIG-068314	68	7	14	4	0
CONTIG-068315	69	4	3	9	0
CONTIG-068316	205	9	13	94	0
CONTIG-068317	91	3	8	0	0
CONTIG-068318	148	20	8	56	3
CONTIG-068319	157	6	4	29	0
CONTIG-068320	99	8	12	22	0
CONTIG-068322	189	8	10	34	3
CONTIG-068324	165	7	10	27	2

CONTIG-068325	723	12	21	117	0
CONTIG-068326	386	67	15	0	392
CONTIG-068327	466	9	11	121	0
CONTIG-068328	206	9	20	41	0
CONTIG-068329	463	11	21	143	0
CONTIG-068330	569	17	29	127	0
CONTIG-068331	73	4	9	5	0
CONTIG-068333	115	4	16	10	0
CONTIG-068334	79	8	16	14	0
CONTIG-068335	189	8	2	73	0
CONTIG-068336	85	4	3	0	0
CONTIG-068337	70	5	0	9	0
CONTIG-068338	99	12	9	57	0
CONTIG-068339	142	12	8	39	0
CONTIG-068340	149	5	6	17	0
CONTIG-068341	76	5	0	10	0
CONTIG-068342	79	6	0	0	3
CONTIG-068344	82	7	9	15	0
CONTIG-068345	162	10	23	61	2
CONTIG-068346	79	15	19	29	0
CONTIG-068347	81	15	18	30	0
CONTIG-068351	66	4	8	7	0
CONTIG-068352	113	5	2	14	0
CONTIG-068353	67	9	7	9	0
CONTIG-068354	135	3	0	13	0
CONTIG-068358	117	6	13	5	0
CONTIG-068359	54	826	6	787	0
CONTIG-068360	69	4	0	0	0
CONTIG-068361	217	12	5	54	8
CONTIG-068362	36	4999	5	0	2522
CONTIG-068363	63	2	0	2	0
CONTIG-068364	350	20	12	84	5
CONTIG-068367	146	9	4	41	0
CONTIG-068368	259	10	6	128	0
CONTIG-068369	266	6	4	63	0
CONTIG-068370	95	9	15	17	0
CONTIG-068372	639	50	0	2	836
CONTIG-068373	65	10	10	27	0
CONTIG-068374	319	12	4	65	0
CONTIG-068375	116	8	0	49	0
CONTIG-068376	288	7	14	72	0
CONTIG-068377	120	9	2	25	0
CONTIG-068378	137	12	11	59	0
CONTIG-068380	76	4	2	7	0
CONTIG-068381	500	9	28	120	0
CONTIG-068383	69	6	5	14	0
CONTIG-068384	107	40	4	140	0

CONTIG-068385	78	3	7	4	0
CONTIG-068386	66	5	4	11	0
CONTIG-068387	74	23	45	42	0
CONTIG-068388	578	9	18	103	8
CONTIG-068389	181	7	4	39	2
CONTIG-068390	119	5	5	13	0
CONTIG-068391	136	6	11	14	0
CONTIG-068392	102	6	2	15	0
CONTIG-068393	110	2	2	2	0
CONTIG-068394	89	4	6	3	0
CONTIG-068395	102	8	3	28	0
CONTIG-068396	191	8	4	4	0
CONTIG-068397	288	7	10	55	0
CONTIG-068398	92	6	29	4	0
CONTIG-068399	182	5	9	21	0
CONTIG-068400	71	4	0	2	0
CONTIG-068401	256	8	20	71	0
CONTIG-068402	248	31	6	0	82
CONTIG-068403	141	8	11	4	0
CONTIG-068404	478	15	36	191	2
CONTIG-068405	77	15	4	31	2
CONTIG-068407	242	12	11	98	6
CONTIG-068409	101	7	2	20	0
CONTIG-068410	73	4	13	4	0
CONTIG-068412	134	15	12	67	0
CONTIG-068413	78	4	10	5	0
CONTIG-068414	366	13	28	182	4
CONTIG-068415	60	5	5	0	0
CONTIG-068416	67	6	7	12	0
CONTIG-068417	74	8	6	2	0
CONTIG-068418	89	6	8	10	0
CONTIG-068419	160	5	5	21	0
CONTIG-068420	81	6	4	17	0
CONTIG-068421	122	7	4	21	0
CONTIG-068422	52	23	19	32	2
CONTIG-068423	63	3	6	0	0
CONTIG-068424	102	10	14	24	0
CONTIG-068425	44	53	0	61	0
CONTIG-068426	125	3	4	10	0
CONTIG-068427	129	3	0	10	0
CONTIG-068429	80	12	20	13	0
CONTIG-068430	84	10	0	6	0
CONTIG-068431	289	18	7	10	0
CONTIG-068432	99	5	6	5	0
CONTIG-068433	78	6	0	11	0
CONTIG-068434	67	4	12	4	0
CONTIG-068435	161	7	8	43	0

CONTIG-068436	555	19	28	178	4
CONTIG-068437	68	4	0	0	0
CONTIG-068438	135	8	17	7	0
CONTIG-068439	141	5	2	17	0
CONTIG-068440	146	6	3	20	0
CONTIG-068441	99	5	0	6	0
CONTIG-068443	272	10	22	69	0
CONTIG-068444	316	11	15	117	4
CONTIG-068445	162	17	12	89	5
CONTIG-068446	88	5	4	11	0
CONTIG-068447	593	17	21	224	4
CONTIG-068448	173	7	7	43	0
CONTIG-068449	77	10	6	10	0
CONTIG-068450	77	7	2	16	0
CONTIG-068451	155	5	0	0	0
CONTIG-068452	116	5	0	15	0
CONTIG-068453	612	18	16	566	0
CONTIG-068454	145	9	5	36	0
CONTIG-068455	122	5	2	15	0
CONTIG-068456	62	14	14	13	0
CONTIG-068457	127	5	16	16	0
CONTIG-068458	60	10	0	19	0
CONTIG-068459	555	18	19	428	0
CONTIG-068460	115	6	4	18	0
CONTIG-068461	65	9	2	25	0
CONTIG-068462	1530	12	2	0	52
CONTIG-068464	95	8	6	20	0
CONTIG-068465	203	6	0	21	0
CONTIG-068466	102	51	10	158	0
CONTIG-068467	66	3	2	2	0
CONTIG-068468	61	4	2	11	0
CONTIG-068469	86	8	5	21	0
CONTIG-068470	101	10	5	35	0
CONTIG-068471	344	14	29	168	0
CONTIG-068472	72	4	2	4	0
CONTIG-068473	192	9	18	51	0
CONTIG-068474	58	8	0	0	0
CONTIG-068475	173	10	17	57	0
CONTIG-068476	200	8	0	55	0
CONTIG-068477	120	14	10	51	0
CONTIG-068478	318	7	10	45	0
CONTIG-068479	96	25	10	70	0
CONTIG-068480	61	5	4	6	0
CONTIG-068481	278	8	31	56	0
CONTIG-068482	91	9	3	31	0
CONTIG-068484	145	5	0	12	0
CONTIG-068485	483	52	0	0	170

CONTIG-068486	95	3	2	4	0
CONTIG-068487	74	11	4	35	0
CONTIG-068488	86	6	2	9	0
CONTIG-068489	190	8	2	71	0
CONTIG-068490	231	5	0	37	0
CONTIG-068492	115	3	0	6	0
CONTIG-068493	91	5	6	4	0
CONTIG-068494	103	7	5	22	0
CONTIG-068495	117	9	24	30	0
CONTIG-068496	603	7	0	0	5
CONTIG-068497	71	15	33	11	0
CONTIG-068498	83	10	0	0	5
CONTIG-068499	128	101	13	607	0
CONTIG-068500	63	8	5	0	0
CONTIG-068501	84	5	7	5	0
CONTIG-068502	103	10	21	20	0
CONTIG-068503	173	14	3	95	2
CONTIG-068505	170	12	33	20	2
CONTIG-068506	282	16	35	165	4
CONTIG-068507	119	8	4	20	0
CONTIG-068509	209	15	20	0	0
CONTIG-068510	58	6	0	9	0
CONTIG-068511	221	9	25	58	0
CONTIG-068512	98	36	2	0	17
CONTIG-068513	92	6	0	25	0
CONTIG-068514	98	18	11	0	0
CONTIG-068515	87	7	11	9	0
CONTIG-068516	127	7	5	33	0
CONTIG-068517	127	9	7	36	0
CONTIG-068518	92	62	5	27	0
CONTIG-068521	75	5	6	9	0
CONTIG-068522	119	11	0	52	0
CONTIG-068523	567	17	3	383	2
CONTIG-068524	79	5	0	8	0
CONTIG-068527	248	13	8	45	0
CONTIG-068528	92	7	2	11	0
CONTIG-068530	179	13	0	125	0
CONTIG-068531	59	3	5	6	0
CONTIG-068532	252	5	5	44	0
CONTIG-068533	96	6	3	11	0
CONTIG-068534	101	7	4	20	0
CONTIG-068535	58	19	2	30	0
CONTIG-068536	146	5	4	15	0
CONTIG-068537	263	8	20	29	2
CONTIG-068538	571	12	5	316	0
CONTIG-068539	143	10	12	38	0
CONTIG-068540	124	6	3	14	0

CONTIG-068541	238	15	6	100	0
CONTIG-068542	123	5	0	2	0
CONTIG-068544	100	4	2	9	0
CONTIG-068545	457	20	0	0	35
CONTIG-068546	73	4	3	0	2
CONTIG-068547	170	7	8	18	0
CONTIG-068549	390	12	2	133	2
CONTIG-068551	88	6	0	10	2
CONTIG-068552	123	7	19	26	0
CONTIG-068553	73	38	4	135	0
CONTIG-068555	178	12	12	86	0
CONTIG-068557	153	8	22	12	0
CONTIG-068558	72	11	13	2	0
CONTIG-068559	153	17	2	106	2
CONTIG-068560	384	8	28	86	0
CONTIG-068561	80	3	2	2	0
CONTIG-068562	146	5	2	16	0
CONTIG-068563	409	10	7	174	0
CONTIG-068565	188	6	8	17	0
CONTIG-068566	217	5	11	8	2
CONTIG-068567	66	10	6	11	0
CONTIG-068569	255	16	6	159	0
CONTIG-068570	89	4	0	6	0
CONTIG-068571	281	9	4	53	0
CONTIG-068572	137	15	11	73	0
CONTIG-068573	74	8	7	12	0
CONTIG-068574	78	6	5	12	4
CONTIG-068575	60	13	17	13	0
CONTIG-068576	117	7	0	26	0
CONTIG-068577	278	9	19	61	0
CONTIG-068579	77	11	7	29	0
CONTIG-068580	73	4	4	5	0
CONTIG-068581	158	9	2	50	0
CONTIG-068582	71	5	4	12	0
CONTIG-068583	77	5	0	0	0
CONTIG-068584	207	12	3	97	0
CONTIG-068585	113	28	0	164	0
CONTIG-068586	140	14	17	58	2
CONTIG-068587	82	8	17	11	0
CONTIG-068588	79	4	10	4	0
CONTIG-068589	100	3	6	7	0
CONTIG-068590	63	3	2	3	0
CONTIG-068591	112	12	4	56	0
CONTIG-068592	202	38	9	0	72
CONTIG-068593	58	7	7	9	2
CONTIG-068598	68	4	4	5	0
CONTIG-068599	79	5	15	6	0

CONTIG-068600	75	40	0	8	0
CONTIG-068601	94	6	15	15	0
CONTIG-068602	104	7	2	20	0
CONTIG-068603	185	7	5	15	0
CONTIG-068604	66	11	36	0	0
CONTIG-068606	148	4	4	13	2
CONTIG-068607	75	4	8	0	0
CONTIG-068609	65	11	12	14	0
CONTIG-068610	297	23	21	344	0
CONTIG-068611	58	3	5	6	0
CONTIG-068612	121	7	3	26	0
CONTIG-068613	73	6	8	12	0
CONTIG-068614	60	4	13	0	0
CONTIG-068615	71	9	8	15	0
CONTIG-068616	418	13	2	172	2
CONTIG-068617	77	7	2	16	0
CONTIG-068618	157	5	7	7	0
CONTIG-068619	106	4	4	11	0
CONTIG-068620	37	630	48	504	4
CONTIG-068621	382	8	9	76	2
CONTIG-068622	89	8	3	22	0
CONTIG-068623	72	9	2	28	0
CONTIG-068624	139	10	7	73	0
CONTIG-068625	68	6	0	7	0
CONTIG-068626	125	6	0	29	0
CONTIG-068627	71	7	11	12	0
CONTIG-068628	91	10	5	35	0
CONTIG-068629	116	11	5	22	0
CONTIG-068630	479	12	5	256	0
CONTIG-068631	58	4	3	5	0
CONTIG-068632	160	10	10	37	0
CONTIG-068633	126	7	2	35	0
CONTIG-068634	77	4	10	2	0
CONTIG-068635	277	9	11	99	0
CONTIG-068636	117	7	2	25	0
CONTIG-068638	213	7	3	15	3
CONTIG-068639	220	8	10	84	0
CONTIG-068640	184	16	2	110	0
CONTIG-068643	143	5	4	4	0
CONTIG-068644	164	5	6	19	2
CONTIG-068645	254	12	23	91	2
CONTIG-068646	307	21	8	215	4
CONTIG-068647	60	5	0	12	0
CONTIG-068648	171	8	32	22	0
CONTIG-068649	134	5	0	23	0
CONTIG-068650	441	7	14	52	0
CONTIG-068651	91	5	0	5	0

CONTIG-068652	95	4	5	8	0
CONTIG-068657	80	6	2	23	0
CONTIG-068658	285	12	15	72	0
CONTIG-068659	106	11	0	38	2
CONTIG-068660	153	8	16	36	0
CONTIG-068661	79	5	8	15	0
CONTIG-068665	153	12	9	47	0
CONTIG-068666	88	5	4	16	0
CONTIG-068667	368	7	12	18	7
CONTIG-068668	514	15	19	65	2
CONTIG-068669	243	8	17	0	4
CONTIG-068670	80	7	21	8	0
CONTIG-068671	114	13	3	0	14
CONTIG-068672	161	6	4	22	0
CONTIG-068673	199	6	14	28	0
CONTIG-068674	320	7	2	63	2
CONTIG-068675	75	13	9	3	0
CONTIG-068676	64	3	0	2	0
CONTIG-068677	123	3	17	6	0
CONTIG-068678	76	4	0	4	0
CONTIG-068679	270	13	19	113	2
CONTIG-068680	72	15	18	27	0
CONTIG-068681	167	9	30	49	0
CONTIG-068682	89	5	0	0	0
CONTIG-068683	190	14	3	104	0
CONTIG-068684	66	11	6	9	0
CONTIG-068685	406	12	2	150	0
CONTIG-068686	135	29	36	203	0
CONTIG-068687	257	11	10	119	0
CONTIG-068688	81	7	3	5	0
CONTIG-068689	98	6	2	21	0
CONTIG-068690	232	6	7	54	0
CONTIG-068691	162	8	17	44	0
CONTIG-068692	80	5	4	8	0
CONTIG-068694	69	6	2	9	0
CONTIG-068695	119	7	0	23	0
CONTIG-068697	80	6	5	10	0
CONTIG-068698	397	24	5	41	125
CONTIG-068699	133	10	4	35	0
CONTIG-068700	63	13	15	24	0
CONTIG-068701	67	11	9	5	0
CONTIG-068702	86	8	19	11	0
CONTIG-068704	203	9	7	60	0
CONTIG-068705	178	13	15	61	0
CONTIG-068706	218	8	12	38	0
CONTIG-068707	175	8	0	69	0
CONTIG-068708	115	6	7	21	0

CONTIG-068709	1613	18	3	0	150
CONTIG-068710	295	5	6	25	0
CONTIG-068711	71	6	2	14	0
CONTIG-068713	144	29	18	138	0
CONTIG-068714	194	5	6	20	0
CONTIG-068715	97	3	9	6	0
CONTIG-068716	181	10	21	51	0
CONTIG-068717	127	4	2	15	0
CONTIG-068719	68	23	25	31	0
CONTIG-068720	278	7	21	31	0
CONTIG-068721	96	4	4	9	0
CONTIG-068722	274	8	16	78	0
CONTIG-068724	112	6	13	6	0
CONTIG-068725	58	51	6	140	0
CONTIG-068726	139	13	44	21	0
CONTIG-068727	38	479	43	290	11
CONTIG-068728	135	7	9	30	0
CONTIG-068729	135	46	8	306	0
CONTIG-068730	89	10	22	36	0
CONTIG-068731	322	11	12	142	0
CONTIG-068732	123	13	2	73	0
CONTIG-068733	71	12	2	27	0
CONTIG-068737	74	7	6	16	0
CONTIG-068738	169	5	7	4	2
CONTIG-068739	178	10	12	39	0
CONTIG-068740	91	13	21	51	0
CONTIG-068741	273	15	3	120	0
CONTIG-068742	80	5	5	9	0
CONTIG-068743	62	4	0	4	0
CONTIG-068745	94	8	8	28	0
CONTIG-068746	212	4	5	2	0
CONTIG-068749	83	3	0	5	0
CONTIG-068750	169	6	11	25	0
CONTIG-068751	301	7	2	65	0
CONTIG-068752	103	7	3	27	0
CONTIG-068753	102	6	2	18	0
CONTIG-068754	100	10	15	32	0
CONTIG-068755	514	15	2	290	4
CONTIG-068756	59	3	2	2	0
CONTIG-068757	68	4	2	8	0
CONTIG-068758	91	3	0	9	0
CONTIG-068759	66	14	7	9	0
CONTIG-068760	166	6	7	20	0
CONTIG-068761	152	9	9	39	0
CONTIG-068762	84	3	0	6	0
CONTIG-068763	92	3	0	2	0
CONTIG-068764	251	9	2	21	0

CONTIG-068765	195	8	4	45	0
CONTIG-068766	61	3	0	2	0
CONTIG-068768	309	9	13	70	0
CONTIG-068769	229	7	11	50	2
CONTIG-068770	166	10	14	41	0
CONTIG-068771	164	4	0	15	0
CONTIG-068772	260	14	18	127	2
CONTIG-068773	226	7	12	47	0
CONTIG-068775	65	6	12	4	0
CONTIG-068776	71	6	2	12	0
CONTIG-068777	179	9	9	41	0
CONTIG-068778	81	14	10	46	2
CONTIG-068779	82	8	5	29	0
CONTIG-068781	149	10	12	49	0
CONTIG-068782	72	8	2	29	0
CONTIG-068783	86	2	2	4	0
CONTIG-068785	156	10	8	42	0
CONTIG-068786	82	5	0	7	0
CONTIG-068787	233	25	15	210	0
CONTIG-068788	99	3	2	4	0
CONTIG-068789	66	6	0	12	0
CONTIG-068790	44	5	2	4	0
CONTIG-068793	99	15	7	55	0
CONTIG-068794	85	3	3	8	0
CONTIG-068795	76	4	2	12	0
CONTIG-068796	142	6	5	15	0
CONTIG-068797	156	7	7	45	0
CONTIG-068798	95	4	3	10	0
CONTIG-068799	102	9	6	43	0
CONTIG-068800	298	8	16	59	0
CONTIG-068801	101	4	3	0	0
CONTIG-068804	119	2	0	11	0
CONTIG-068805	279	12	15	94	0
CONTIG-068806	112	11	21	26	0
CONTIG-068807	360	7	22	43	3
CONTIG-068808	119	15	22	63	0
CONTIG-068809	106	4	15	3	0
CONTIG-068810	61	4	2	6	0
CONTIG-068811	113	6	6	15	0
CONTIG-068812	281	8	7	64	0
CONTIG-068813	378	20	13	90	0
CONTIG-068814	86	8	11	6	0
CONTIG-068815	94	2	0	8	0
CONTIG-068816	86	5	3	9	0
CONTIG-068818	158	9	12	32	0
CONTIG-068819	95	4	0	11	0
CONTIG-068820	227	10	4	54	0

CONTIG-068821	156	8	19	3	0
CONTIG-068822	90	6	19	11	0
CONTIG-068823	127	6	17	24	0
CONTIG-068824	119	4	12	12	0
CONTIG-068825	79	6	3	12	0
CONTIG-068826	165	7	7	13	0
CONTIG-068827	125	4	2	16	0
CONTIG-068828	153	11	8	43	0
CONTIG-068829	140	5	12	11	0
CONTIG-068831	75	10	0	27	0
CONTIG-068832	84	7	0	8	0
CONTIG-068833	359	6	6	28	0
CONTIG-068834	282	18	34	190	4
CONTIG-068835	66	5	5	8	0
CONTIG-068837	84	6	0	21	0
CONTIG-068838	148	8	0	34	0
CONTIG-068839	215	5	5	30	0
CONTIG-068840	60	10	7	23	0
CONTIG-068842	106	9	12	7	0
CONTIG-068843	101	5	11	8	0
CONTIG-068844	106	7	6	16	2
CONTIG-068845	81	5	3	7	0
CONTIG-068846	58	3	4	6	0
CONTIG-068847	74	3	2	0	0
CONTIG-068848	81	5	0	15	0
CONTIG-068849	148	9	6	17	0
CONTIG-068850	97	6	6	13	0
CONTIG-068851	118	4	0	11	0
CONTIG-068852	83	7	9	5	0
CONTIG-068853	99	13	23	20	0
CONTIG-068854	182	13	7	95	0
CONTIG-068855	113	6	0	3	0
CONTIG-068856	223	10	8	36	0
CONTIG-068857	373	20	0	0	48
CONTIG-068858	72	32	41	39	0
CONTIG-068859	64	6	10	4	0
CONTIG-068860	68	7	3	10	0
CONTIG-068862	138	5	17	16	0
CONTIG-068863	76	2	0	2	0
CONTIG-068864	622	15	30	320	4
CONTIG-068865	170	8	17	36	0
CONTIG-068866	262	26	3	0	40
CONTIG-068867	78	6	0	15	0
CONTIG-068868	63	10	0	26	0
CONTIG-068869	528	25	28	319	13
CONTIG-068870	181	7	0	61	0
CONTIG-068871	86	6	0	0	0

CONTIG-068873	112	7	3	12	2
CONTIG-068874	321	9	12	113	0
CONTIG-068877	106	9	4	21	0
CONTIG-068878	86	3	2	10	0
CONTIG-068879	324	47	4	986	0
CONTIG-068880	71	14	8	46	0
CONTIG-068881	259	4	16	26	0
CONTIG-068882	244	7	4	65	0
CONTIG-068883	61	5	0	10	0
CONTIG-068884	92	8	2	20	0
CONTIG-068886	116	12	2	41	2
CONTIG-068887	240	15	4	149	0
CONTIG-068888	59	4	5	4	0
CONTIG-068889	79	7	2	9	0
CONTIG-068890	150	11	0	65	0
CONTIG-068891	65	3	0	6	0
CONTIG-068893	61	7	16	2	0
CONTIG-068894	68	3	6	2	0
CONTIG-068895	315	7	17	49	4
CONTIG-068896	64	2	4	2	0
CONTIG-068897	94	30	21	79	0
CONTIG-068898	175	18	12	119	0
CONTIG-068900	102	5	6	15	0
CONTIG-068901	293	32	0	521	0
CONTIG-068902	137	13	5	100	0
CONTIG-068903	153	4	0	0	0
CONTIG-068904	60	7	2	2	0
CONTIG-068905	761	28	0	3	123
CONTIG-068906	902	17	61	403	0
CONTIG-068907	208	8	2	59	0
CONTIG-068908	115	11	3	24	0
CONTIG-068909	227	10	13	15	0
CONTIG-068912	98	6	2	24	0
CONTIG-068913	302	10	10	73	0
CONTIG-068914	156	10	8	56	0
CONTIG-068915	216	7	2	30	0
CONTIG-068916	85	5	2	9	0
CONTIG-068917	205	8	0	28	0
CONTIG-068919	90	10	3	39	0
CONTIG-068920	582	14	21	265	4
CONTIG-068921	385	14	46	172	0
CONTIG-068922	159	12	2	29	0
CONTIG-068923	79	6	2	12	0
CONTIG-068924	73	5	5	0	0
CONTIG-068925	148	12	7	53	2
CONTIG-068928	101	31	9	25	0
CONTIG-068929	279	6	2	52	0

CONTIG-068930	68	4	3	2	0
CONTIG-068931	96	4	2	5	0
CONTIG-068937	177	6	4	19	0
CONTIG-068938	137	8	5	12	0
CONTIG-068939	873	37	0	0	186
CONTIG-068940	210	10	6	44	2
CONTIG-068941	107	3	7	4	0
CONTIG-068942	64	6	3	9	0
CONTIG-068943	58	4	2	2	2
CONTIG-068944	77	3	0	3	0
CONTIG-068945	94	6	0	9	0
CONTIG-068946	66	8	3	7	2
CONTIG-068947	127	3	4	5	0
CONTIG-068948	179	7	11	32	0
CONTIG-068949	112	8	13	35	0
CONTIG-068951	94	6	0	7	0
CONTIG-068952	146	5	9	0	0
CONTIG-068953	145	5	20	14	0
CONTIG-068954	339	6	20	30	0
CONTIG-068955	166	12	3	49	0
CONTIG-068956	119	7	3	19	0
CONTIG-068959	77	11	8	26	0
CONTIG-068960	237	10	28	74	0
CONTIG-068963	132	4	4	4	0
CONTIG-068964	86	4	2	5	0
CONTIG-068965	176	6	0	39	0
CONTIG-068966	318	10	19	94	2
CONTIG-068967	87	15	21	21	0
CONTIG-068969	199	9	5	55	0
CONTIG-068970	241	8	12	71	0
CONTIG-068971	305	11	12	9	0
CONTIG-068972	96	14	4	0	0
CONTIG-068976	87	4	0	14	0
CONTIG-068980	74	4	7	5	0
CONTIG-068981	279	7	7	47	0
CONTIG-068982	79	7	3	4	0
CONTIG-068983	67	7	8	6	0
CONTIG-068984	156	13	0	72	4
CONTIG-068985	131	11	8	41	0
CONTIG-068986	64	4	3	8	0
CONTIG-068987	181	9	7	6	0
CONTIG-068988	80	8	2	0	2
CONTIG-068989	190	5	2	21	0
CONTIG-068990	148	9	12	19	0
CONTIG-068991	1143	33	2	0	69
CONTIG-068992	172	20	13	125	0
CONTIG-068993	87	8	2	22	0

CONTIG-068994	95	6	0	8	0
CONTIG-068997	74	6	2	0	0
CONTIG-068998	424	18	25	309	0
CONTIG-068999	83	9	2	26	0
CONTIG-069000	68	11	17	17	0
CONTIG-069002	80	5	4	0	0
CONTIG-069004	92	14	5	58	0
CONTIG-069006	71	8	16	14	0
CONTIG-069007	64	6	4	6	0
CONTIG-069008	205	10	2	89	0
CONTIG-069009	126	10	4	31	0
CONTIG-069010	64	190	20	136	0
CONTIG-069011	82	6	2	23	0
CONTIG-069012	80	5	7	0	0
CONTIG-069013	68	9	0	20	0
CONTIG-069014	87	3	0	9	0
CONTIG-069015	78	7	0	7	0
CONTIG-069016	72	8	11	14	0
CONTIG-069017	98	5	3	7	0
CONTIG-069018	123	7	11	25	0
CONTIG-069019	225	12	31	27	6
CONTIG-069020	144	7	10	10	0
CONTIG-069021	98	8	0	32	0
CONTIG-069022	200	9	13	73	0
CONTIG-069023	91	4	12	7	0
CONTIG-069024	245	11	15	116	0
CONTIG-069025	154	8	7	21	0
CONTIG-069026	171	8	0	15	0
CONTIG-069027	115	6	7	17	2
CONTIG-069028	113	8	2	0	4
CONTIG-069030	60	4	5	7	0
CONTIG-069031	194	14	17	10	0
CONTIG-069032	191	18	5	113	0
CONTIG-069033	70	5	3	2	2
CONTIG-069034	84	7	6	16	0
CONTIG-069035	148	5	2	15	0
CONTIG-069036	182	8	2	45	0
CONTIG-069037	99	7	2	22	0
CONTIG-069038	106	10	6	45	0
CONTIG-069039	80	4	6	9	0
CONTIG-069045	285	17	24	174	0
CONTIG-069046	119	5	0	10	0
CONTIG-069047	120	5	0	17	0
CONTIG-069048	66	6	6	10	0
CONTIG-069049	59	4	2	6	0
CONTIG-069050	131	7	3	20	0
CONTIG-069051	83	4	6	4	0

CONTIG-069052	88	4	3	8	0
CONTIG-069053	170	58	2	2	0
CONTIG-069054	94	5	2	0	0
CONTIG-069055	135	11	2	64	0
CONTIG-069057	148	5	5	11	0
CONTIG-069058	298	7	0	80	0
CONTIG-069059	103	6	15	9	0
CONTIG-069060	191	12	6	97	0
CONTIG-069061	89	8	4	14	0
CONTIG-069062	148	13	16	49	2
CONTIG-069063	73	3	4	8	0
CONTIG-069064	73	4	10	4	0
CONTIG-069065	116	4	6	13	0
CONTIG-069066	123	5	6	21	0
CONTIG-069067	63	14	2	6	15
CONTIG-069068	70	5	0	5	0
CONTIG-069069	124	5	5	17	0
CONTIG-069070	143	4	0	20	2
CONTIG-069071	249	44	11	526	0
CONTIG-069072	142	12	13	54	0
CONTIG-069074	60	7	3	2	0
CONTIG-069075	121	7	11	13	2
CONTIG-069076	157	27	5	150	0
CONTIG-069077	187	8	11	63	0
CONTIG-069078	91	6	5	5	0
CONTIG-069079	95	6	3	15	0
CONTIG-069080	176	13	14	106	0
CONTIG-069081	188	14	2	80	0
CONTIG-069082	217	12	18	68	2
CONTIG-069083	120	12	19	38	0
CONTIG-069084	61	2	5	0	0
CONTIG-069085	158	50	6	0	61
CONTIG-069086	223	16	26	97	0
CONTIG-069087	1096	31	4	0	337
CONTIG-069088	84	6	4	14	0
CONTIG-069089	194	6	6	31	0
CONTIG-069090	116	8	8	10	0
CONTIG-069091	176	5	7	17	0
CONTIG-069092	232	13	14	82	0
CONTIG-069094	76	12	5	19	0
CONTIG-069095	63	4	11	3	0
CONTIG-069096	77	7	7	19	0
CONTIG-069097	156	5	2	29	0
CONTIG-069098	1375	23	2	0	100
CONTIG-069099	264	13	0	130	0
CONTIG-069100	263	10	25	82	0
CONTIG-069101	131	9	4	28	0

CONTIG-069103	68	9	0	5	0
CONTIG-069104	147	11	13	51	3
CONTIG-069105	166	20	47	114	4
CONTIG-069106	69	2	2	0	0
CONTIG-069107	89	5	0	2	0
CONTIG-069108	90	2	4	6	0
CONTIG-069109	69	7	0	12	0
CONTIG-069110	77	11	2	19	0
CONTIG-069111	70	10	5	22	0
CONTIG-069112	79	4	2	6	0
CONTIG-069113	78	12	7	42	0
CONTIG-069115	136	10	11	24	0
CONTIG-069116	62	13	5	23	0
CONTIG-069117	73	8	17	6	0
CONTIG-069118	94	9	7	9	0
CONTIG-069119	148	7	9	33	2
CONTIG-069120	138	8	5	15	0
CONTIG-069121	258	7	15	72	0
CONTIG-069122	86	9	2	31	0
CONTIG-069123	154	7	0	41	0
CONTIG-069124	81	6	6	8	0
CONTIG-069127	220	7	4	52	2
CONTIG-069128	113	4	8	10	0
CONTIG-069129	85	5	8	7	0
CONTIG-069130	204	14	8	70	2
CONTIG-069131	78	6	2	11	0
CONTIG-069132	278	15	0	0	0
CONTIG-069133	164	7	13	37	0
CONTIG-069135	78	7	0	20	0
CONTIG-069136	221	29	14	270	0
CONTIG-069138	70	5	2	12	0
CONTIG-069139	260	8	18	43	0
CONTIG-069140	61	4	0	8	0
CONTIG-069142	99	12	3	14	0
CONTIG-069143	95	9	2	8	0
CONTIG-069144	204	13	11	57	0
CONTIG-069146	74	8	0	12	0
CONTIG-069147	71	10	2	0	0
CONTIG-069148	82	2	0	2	0
CONTIG-069149	64	9	0	15	0
CONTIG-069150	51	58	11	59	0
CONTIG-069151	144	12	15	39	0
CONTIG-069152	196	11	4	69	2
CONTIG-069153	169	14	12	53	0
CONTIG-069154	82	12	6	48	0
CONTIG-069155	211	10	20	52	0
CONTIG-069156	96	7	4	24	0

CONTIG-069157	206	6	2	44	2
CONTIG-069158	70	6	7	14	0
CONTIG-069159	170	8	28	21	0
CONTIG-069160	73	4	7	10	0
CONTIG-069162	150	4	0	20	0
CONTIG-069163	130	8	9	30	0
CONTIG-069164	258	7	5	61	0
CONTIG-069165	102	14	12	28	0
CONTIG-069166	52	5	5	2	0
CONTIG-069167	172	9	8	40	0
CONTIG-069168	81	2	0	0	0
CONTIG-069169	153	7	2	32	0
CONTIG-069170	104	6	2	12	0
CONTIG-069175	66	5	23	2	0
CONTIG-069176	295	9	10	61	2
CONTIG-069177	113	11	7	37	2
CONTIG-069180	60	4	0	3	0
CONTIG-069181	101	15	0	44	0
CONTIG-069182	173	8	14	23	0
CONTIG-069183	83	3	2	7	0
CONTIG-069184	88	6	24	6	0
CONTIG-069185	70	6	3	0	0
CONTIG-069186	70	4	0	13	0
CONTIG-069187	67	6	3	9	0
CONTIG-069188	80	7	6	19	0
CONTIG-069189	288	82	34	1050	0
CONTIG-069190	160	7	4	36	0
CONTIG-069191	200	8	10	21	2
CONTIG-069192	179	12	11	61	0
CONTIG-069193	160	18	32	49	4
CONTIG-069194	145	9	10	45	0
CONTIG-069196	141	4	5	11	0
CONTIG-069197	93	5	9	11	0
CONTIG-069198	90	9	2	22	0
CONTIG-069199	167	7	14	30	0
CONTIG-069202	435	13	20	223	2
CONTIG-069203	133	5	0	17	0
CONTIG-069204	73	5	0	9	2
CONTIG-069205	66	13	8	16	2
CONTIG-069206	80	8	2	21	0
CONTIG-069207	141	9	0	45	0
CONTIG-069208	158	8	0	47	0
CONTIG-069209	71	3	0	0	0
CONTIG-069210	70	10	21	10	0
CONTIG-069211	91	6	20	10	0
CONTIG-069212	169	14	7	73	0
CONTIG-069213	40	46	4	40	0

CONTIG-069214	63	5	2	2	0
CONTIG-069215	207	7	5	33	2
CONTIG-069220	220	7	20	40	0
CONTIG-069221	193	7	7	15	0
CONTIG-069222	142	7	2	24	0
CONTIG-069223	112	8	10	33	0
CONTIG-069224	95	9	0	24	0
CONTIG-069225	213	9	12	76	0
CONTIG-069226	193	9	12	48	0
CONTIG-069227	101	5	2	15	0
CONTIG-069228	68	3	10	0	0
CONTIG-069229	68	4	2	6	0
CONTIG-069230	84	8	4	20	0
CONTIG-069231	138	7	3	34	0
CONTIG-069232	92	14	2	4	0
CONTIG-069233	179	9	16	73	0
CONTIG-069234	284	12	8	85	0
CONTIG-069235	41	245	9	255	2
CONTIG-069236	234	5	2	27	0
CONTIG-069237	89	3	13	0	0
CONTIG-069238	232	9	2	0	7
CONTIG-069239	154	6	6	16	0
CONTIG-069240	77	9	30	2	0
CONTIG-069241	397	20	8	382	0
CONTIG-069242	175	7	10	14	0
CONTIG-069243	324	7	6	69	0
CONTIG-069244	58	6	2	10	0
CONTIG-069245	289	7	0	41	6
CONTIG-069246	70	5	6	8	0
CONTIG-069247	252	5	2	18	0
CONTIG-069248	134	20	12	90	0
CONTIG-069250	72	10	0	14	3
CONTIG-069251	38	16	21	17	0
CONTIG-069252	205	9	12	64	0
CONTIG-069253	68	18	9	53	0
CONTIG-069254	62	11	11	15	0
CONTIG-069255	78	7	2	11	0
CONTIG-069256	190	13	26	84	0
CONTIG-069257	86	11	5	19	0
CONTIG-069258	71	5	0	6	0
CONTIG-069259	235	17	21	83	4
CONTIG-069261	207	5	2	0	6
CONTIG-069262	99	5	5	0	0
CONTIG-069263	113	17	16	67	0
CONTIG-069264	187	10	6	72	0
CONTIG-069265	226	8	5	18	0
CONTIG-069266	210	6	15	38	2

CONTIG-069267	300	13	13	115	2
CONTIG-069268	104	8	6	26	0
CONTIG-069269	130	7	14	19	0
CONTIG-069270	114	25	13	130	2
CONTIG-069271	124	6	3	32	0
CONTIG-069272	111	8	6	24	0
CONTIG-069273	177	7	6	34	0
CONTIG-069274	74	20	7	3	0
CONTIG-069275	169	13	4	86	0
CONTIG-069276	95	6	5	4	0
CONTIG-069277	357	10	35	114	4
CONTIG-069278	206	105	4	2	11
CONTIG-069279	247	7	2	60	2
CONTIG-069280	159	5	3	25	0
CONTIG-069281	66	7	12	2	0
CONTIG-069282	254	19	21	127	2
CONTIG-069283	94	15	27	10	0
CONTIG-069284	216	8	17	59	0
CONTIG-069285	71	8	2	14	0
CONTIG-069286	66	8	0	30	0
CONTIG-069287	111	5	8	13	0
CONTIG-069288	179	14	32	96	0
CONTIG-069289	69	4	7	2	0
CONTIG-069290	132	10	5	26	0
CONTIG-069291	66	8	5	0	0
CONTIG-069292	86	5	0	11	0
CONTIG-069294	165	11	2	72	2
CONTIG-069295	134	78	18	0	176
CONTIG-069296	185	11	2	90	0
CONTIG-069297	360	12	12	141	0
CONTIG-069298	193	5	19	21	0
CONTIG-069299	169	12	7	46	4
CONTIG-069300	254	6	5	55	0
CONTIG-069301	158	7	0	51	0
CONTIG-069302	85	108	4	445	0
CONTIG-069303	62	5	7	9	0
CONTIG-069304	120	10	9	45	0
CONTIG-069305	319	20	42	100	0
CONTIG-069306	305	4	2	16	0
CONTIG-069307	64	11	2	11	0
CONTIG-069308	95	6	6	13	0
CONTIG-069309	71	11	3	33	0
CONTIG-069310	75	6	12	0	0
CONTIG-069311	65	2	2	0	0
CONTIG-069312	75	5	2	4	0
CONTIG-069313	118	8	6	28	0
CONTIG-069314	154	4	4	10	0

CONTIG-069315	160	5	6	4	0
CONTIG-069316	66	10	13	16	0
CONTIG-069317	154	11	26	51	0
CONTIG-069318	182	7	19	53	0
CONTIG-069319	64	2	0	2	0
CONTIG-069320	142	8	18	29	0
CONTIG-069321	64	14	14	24	0
CONTIG-069322	169	9	4	43	0
CONTIG-069323	144	16	16	64	5
CONTIG-069324	372	8	10	85	0
CONTIG-069325	130	5	11	14	0
CONTIG-069326	98	5	6	6	0
CONTIG-069327	146	7	17	33	0
CONTIG-069328	83	3	2	7	0
CONTIG-069329	70	8	16	4	0
CONTIG-069330	67	4	2	8	0
CONTIG-069331	128	4	7	12	0
CONTIG-069332	90	4	2	2	0
CONTIG-069333	157	6	6	15	0
CONTIG-069335	225	7	6	33	2
CONTIG-069337	86	7	15	8	0
CONTIG-069338	413	18	0	0	80
CONTIG-069339	79	8	2	32	0
CONTIG-069340	503	20	8	375	18
CONTIG-069341	156	19	5	149	0
CONTIG-069345	108	8	9	36	0
CONTIG-069346	468	9	2	104	0
CONTIG-069347	90	19	8	29	5
CONTIG-069349	71	3	11	0	0
CONTIG-069351	121	7	4	28	0
CONTIG-069352	87	7	3	6	0
CONTIG-069355	70	10	4	22	0
CONTIG-069356	304	9	8	2	7
CONTIG-069357	90	14	2	66	0
CONTIG-069358	168	6	12	15	0
CONTIG-069359	63	5	10	12	0
CONTIG-069360	142	5	0	9	0
CONTIG-069361	60	4	5	3	0
CONTIG-069362	231	7	2	45	0
CONTIG-069363	162	7	15	19	0
CONTIG-069365	69	5	0	4	0
CONTIG-069366	90	7	3	16	0
CONTIG-069367	218	9	3	9	0
CONTIG-069368	164	4	2	0	0
CONTIG-069369	89	6	13	0	0
CONTIG-069370	123	8	3	47	0
CONTIG-069371	113	5	3	18	0

CONTIG-069372	123	7	3	31	0
CONTIG-069373	194	5	19	19	0
CONTIG-069374	240	76	12	6	0
CONTIG-069375	81	10	16	12	0
CONTIG-069376	162	11	16	2	0
CONTIG-069377	204	6	6	33	0
CONTIG-069379	94	11	10	19	0
CONTIG-069384	206	8	34	22	0
CONTIG-069385	182	6	0	31	0
CONTIG-069386	152	9	4	35	0
CONTIG-069387	115	9	0	43	0
CONTIG-069388	81	5	4	3	0
CONTIG-069389	215	15	12	95	4
CONTIG-069391	180	8	7	41	2
CONTIG-069392	59	4	2	6	0
CONTIG-069393	99	4	5	0	0
CONTIG-069394	109	18	19	52	0
CONTIG-069395	60	7	2	6	0
CONTIG-069396	283	14	9	121	3
CONTIG-069397	60	7	19	5	0
CONTIG-069398	120	9	4	35	0
CONTIG-069399	73	11	4	21	0
CONTIG-069400	122	10	7	20	2
CONTIG-069401	134	5	5	21	0
CONTIG-069402	284	5	0	65	0
CONTIG-069403	60	5	9	0	0
CONTIG-069404	91	31	15	136	0
CONTIG-069406	75	9	2	15	0
CONTIG-069407	447	7	6	70	0
CONTIG-069408	247	12	6	112	0
CONTIG-069409	226	9	10	45	0
CONTIG-069410	150	12	8	73	0
CONTIG-069411	160	6	7	27	2
CONTIG-069412	130	4	4	12	0
CONTIG-069413	128	29	3	133	0
CONTIG-069414	141	7	8	32	0
CONTIG-069415	89	5	14	9	0
CONTIG-069416	66	21	7	45	0
CONTIG-069417	61	12	5	19	0
CONTIG-069418	586	18	18	310	12
CONTIG-069419	173	11	10	60	0
CONTIG-069420	148	5	0	12	0
CONTIG-069422	60	2	0	0	0
CONTIG-069423	407	13	5	147	4
CONTIG-069424	172	7	6	17	0
CONTIG-069425	99	9	6	26	0
CONTIG-069426	209	16	11	118	5

CONTIG-069427	95	7	7	24	0
CONTIG-069428	121	7	3	27	0
CONTIG-069429	103	9	4	8	0
CONTIG-069430	267	31	98	155	0
CONTIG-069431	74	5	3	10	0
CONTIG-069432	74	7	7	25	0
CONTIG-069433	134	5	3	6	4
CONTIG-069434	232	5	2	26	0
CONTIG-069435	119	8	7	16	0
CONTIG-069436	76	5	2	2	0
CONTIG-069437	217	4	6	15	0
CONTIG-069438	102	3	2	2	0
CONTIG-069439	268	9	0	51	0
CONTIG-069440	77	5	13	3	0
CONTIG-069441	78	10	3	29	0
CONTIG-069442	69	7	0	18	0
CONTIG-069443	337	154	0	0	530
CONTIG-069444	103	14	20	36	2
CONTIG-069445	983	74	0	2	13
CONTIG-069448	373	12	32	137	0
CONTIG-069449	111	8	22	13	0
CONTIG-069451	116	5	0	10	0
CONTIG-069452	88	3	5	3	0
CONTIG-069453	777	19	0	0	104
CONTIG-069454	69	6	26	0	0
CONTIG-069455	41	303	42	341	0
CONTIG-069456	79	8	2	9	0
CONTIG-069457	95	3	2	2	0
CONTIG-069458	188	22	0	209	0
CONTIG-069459	101	8	23	23	0
CONTIG-069460	139	34	2	12	0
CONTIG-069461	76	5	2	0	0
CONTIG-069462	99	4	3	7	0
CONTIG-069463	123	7	3	2	2
CONTIG-069464	121	8	35	18	0
CONTIG-069465	75	12	19	20	0
CONTIG-069467	101	5	4	9	0
CONTIG-069468	65	78	4	162	0
CONTIG-069469	263	11	3	4	0
CONTIG-069470	477	20	39	70	0
CONTIG-069471	121	9	4	38	0
CONTIG-069473	172	6	16	9	2
CONTIG-069474	68	4	4	4	0
CONTIG-069475	123	8	11	28	0
CONTIG-069476	141	8	0	52	0
CONTIG-069477	223	5	13	29	0
CONTIG-069478	159	9	2	10	0

CONTIG-069479	168	11	7	88	0
CONTIG-069480	117	4	2	18	0
CONTIG-069481	78	5	4	0	0
CONTIG-069482	187	9	10	70	0
CONTIG-069483	346	12	19	156	0
CONTIG-069484	214	18	6	148	0
CONTIG-069486	85	5	0	5	0
CONTIG-069487	148	9	0	58	0
CONTIG-069489	93	4	15	4	0
CONTIG-069490	262	14	3	5	0
CONTIG-069491	132	6	21	20	0
CONTIG-069492	85	9	4	27	0
CONTIG-069494	183	7	8	39	0
CONTIG-069495	174	6	21	20	0
CONTIG-069496	185	7	4	41	4
CONTIG-069497	265	67	43	924	0
CONTIG-069498	118	5	4	18	0
CONTIG-069499	59	5	9	3	0
CONTIG-069500	225	8	29	46	0
CONTIG-069501	76	8	20	10	3
CONTIG-069502	128	12	12	68	2
CONTIG-069503	519	14	20	210	8
CONTIG-069504	302	21	0	0	58
CONTIG-069505	129	6	0	6	0
CONTIG-069506	106	18	9	92	0
CONTIG-069507	113	10	0	6	0
CONTIG-069509	122	9	4	36	0
CONTIG-069510	130	7	5	26	0
CONTIG-069511	127	4	0	20	0
CONTIG-069512	75	4	0	7	0
CONTIG-069513	59	3	3	3	0
CONTIG-069514	113	10	0	9	0
CONTIG-069515	60	3	4	0	0
CONTIG-069516	52	227	6	455	0
CONTIG-069517	379	17	6	15	0
CONTIG-069518	172	6	2	42	0
CONTIG-069519	81	4	2	2	0
CONTIG-069520	94	4	0	11	0
CONTIG-069521	74	6	2	9	0
CONTIG-069522	125	10	4	43	0
CONTIG-069523	141	15	2	54	0
CONTIG-069524	169	10	0	38	0
CONTIG-069525	59	10	2	11	0
CONTIG-069526	131	97	0	0	56
CONTIG-069528	59	8	4	16	2
CONTIG-069529	114	7	8	16	2
CONTIG-069530	40	119	0	213	0

CONTIG-069531	252	10	4	73	0
CONTIG-069532	177	86	2	640	0
CONTIG-069533	511	27	9	6	0
CONTIG-069534	234	6	5	70	0
CONTIG-069535	260	5	35	21	0
CONTIG-069536	70	5	4	17	0
CONTIG-069537	75	18	8	59	0
CONTIG-069539	72	3	2	0	0
CONTIG-069540	61	9	0	11	0
CONTIG-069541	147	5	2	26	0
CONTIG-069542	250	7	4	7	0
CONTIG-069544	73	9	4	8	0
CONTIG-069545	188	17	0	9	0
CONTIG-069546	58	5	5	2	0
CONTIG-069547	127	7	6	30	0
CONTIG-069548	142	33	16	180	0
CONTIG-069549	270	5	9	34	0
CONTIG-069550	323	8	5	115	0
CONTIG-069551	84	7	2	19	0
CONTIG-069552	110	11	64	5	0
CONTIG-069554	314	8	17	79	2
CONTIG-069555	60	9	3	28	0
CONTIG-069558	84	6	0	2	0
CONTIG-069559	317	14	18	90	2
CONTIG-069560	246	8	33	44	0
CONTIG-069561	119	5	3	12	0
CONTIG-069562	248	11	10	57	0
CONTIG-069563	72	14	5	4	0
CONTIG-069564	83	6	0	11	4
CONTIG-069565	65	4	4	4	0
CONTIG-069566	98	4	2	2	2
CONTIG-069567	206	9	8	73	0
CONTIG-069568	155	9	16	34	0
CONTIG-069569	61	3	0	3	0
CONTIG-069570	320	7	3	63	4
CONTIG-069571	129	7	3	34	0
CONTIG-069572	77	5	9	2	0
CONTIG-069573	114	3	3	9	2
CONTIG-069574	474	10	4	212	0
CONTIG-069575	103	3	4	2	0
CONTIG-069576	108	8	4	30	0
CONTIG-069577	116	8	2	27	0
CONTIG-069578	96	5	3	13	0
CONTIG-069579	191	8	6	62	0
CONTIG-069580	165	11	2	16	0
CONTIG-069581	235	9	4	60	3
CONTIG-069582	121	7	6	29	0

CONTIG-069583	95	6	4	19	0
CONTIG-069586	64	2	2	0	0
CONTIG-069589	218	6	5	29	0
CONTIG-069590	660	9	34	211	0
CONTIG-069591	132	5	6	19	0
CONTIG-069592	122	15	3	0	22
CONTIG-069593	108	36	6	134	0
CONTIG-069594	222	6	2	47	0
CONTIG-069595	149	7	7	31	0
CONTIG-069596	849	18	35	63	0
CONTIG-069597	180	12	2	71	0
CONTIG-069598	329	7	21	53	0
CONTIG-069599	95	5	2	10	2
CONTIG-069600	65	4	0	6	0
CONTIG-069601	63	6	0	6	0
CONTIG-069602	122	7	12	11	0
CONTIG-069603	82	4	2	7	0
CONTIG-069604	67	3	0	0	0
CONTIG-069605	80	8	0	0	3
CONTIG-069606	107	11	28	35	0
CONTIG-069607	106	4	0	2	0
CONTIG-069609	60	6	2	4	0
CONTIG-069610	232	7	3	29	2
CONTIG-069611	308	16	14	13	0
CONTIG-069612	77	7	2	16	0
CONTIG-069613	127	5	0	9	0
CONTIG-069614	271	16	2	178	0
CONTIG-069615	195	4	5	19	0
CONTIG-069616	328	9	9	20	9
CONTIG-069617	62	9	17	14	0
CONTIG-069618	141	70	11	558	0
CONTIG-069619	96	5	7	14	0
CONTIG-069620	234	16	8	208	0
CONTIG-069621	211	12	23	34	0
CONTIG-069622	306	10	8	72	0
CONTIG-069623	111	4	15	0	2
CONTIG-069624	65	6	5	4	0
CONTIG-069625	118	9	14	12	0
CONTIG-069626	119	9	14	53	0
CONTIG-069627	224	16	6	144	0
CONTIG-069628	146	10	7	10	0
CONTIG-069629	103	8	0	25	0
CONTIG-069630	95	4	4	4	0
CONTIG-069631	114	5	6	22	0
CONTIG-069632	84	8	5	9	0
CONTIG-069633	63	6	4	0	0
CONTIG-069634	215	7	24	29	0

CONTIG-069635	163	8	9	36	0
CONTIG-069636	180	8	19	22	0
CONTIG-069637	102	6	6	4	0
CONTIG-069638	85	9	12	13	6
CONTIG-069639	59	4	2	2	2
CONTIG-069640	111	7	2	28	0
CONTIG-069641	81	12	10	38	0
CONTIG-069642	57	15	2	28	0
CONTIG-069643	61	5	4	4	0
CONTIG-069644	73	6	0	4	0
CONTIG-069645	101	36	8	185	0
CONTIG-069646	87	7	19	4	0
CONTIG-069647	61	5	3	10	0
CONTIG-069648	91	8	6	21	0
CONTIG-069652	37	83	6	65	2
CONTIG-069653	123	5	0	10	0
CONTIG-069654	85	5	2	12	0
CONTIG-069655	130	5	2	3	0
CONTIG-069656	205	5	10	45	0
CONTIG-069657	62	3	2	4	0
CONTIG-069658	121	8	5	12	0
CONTIG-069660	60	4	4	0	0
CONTIG-069661	251	8	5	12	0
CONTIG-069662	159	10	4	27	0
CONTIG-069663	197	9	2	13	0
CONTIG-069666	196	4	9	16	0
CONTIG-069668	80	4	0	0	0
CONTIG-069671	139	7	10	25	0
CONTIG-069672	112	4	0	15	2
CONTIG-069674	58	6	4	14	0
CONTIG-069675	211	7	4	50	0
CONTIG-069676	115	5	2	0	0
CONTIG-069677	238	12	2	79	0
CONTIG-069680	268	10	20	44	5
CONTIG-069681	70	4	8	2	0
CONTIG-069682	123	61	39	359	10
CONTIG-069683	162	40	6	178	26
CONTIG-069685	116	6	7	19	0
CONTIG-069686	61	3	3	2	0
CONTIG-069687	58	5	7	2	0
CONTIG-069688	83	5	3	9	0
CONTIG-069689	222	6	10	26	0
CONTIG-069690	184	23	8	166	0
CONTIG-069691	135	5	3	11	0
CONTIG-069692	160	5	4	20	0
CONTIG-069693	111	37	0	168	0
CONTIG-069694	67	33	5	79	3

CONTIG-069695	103	6	0	22	0
CONTIG-069696	91	15	5	40	0
CONTIG-069697	399	18	27	312	0
CONTIG-069698	96	8	8	15	0
CONTIG-069699	81	7	7	7	0
CONTIG-069700	135	6	8	13	0
CONTIG-069701	238	7	11	46	0
CONTIG-069702	87	3	7	0	0
CONTIG-069703	63	3	2	2	0
CONTIG-069704	232	13	19	69	0
CONTIG-069707	80	6	9	20	0
CONTIG-069708	95	7	0	13	0
CONTIG-069709	116	7	14	12	0
CONTIG-069710	60	3	0	8	0
CONTIG-069711	119	6	7	12	0
CONTIG-069712	59	5	2	7	0
CONTIG-069713	291	9	7	63	2
CONTIG-069714	148	4	2	4	0
CONTIG-069715	258	7	8	21	0
CONTIG-069717	806	42	8	2	313
CONTIG-069718	232	33	18	287	2
CONTIG-069719	119	4	8	7	0
CONTIG-069720	78	9	9	9	0
CONTIG-069721	105	6	0	10	0
CONTIG-069722	59	2	3	2	0
CONTIG-069723	191	13	24	47	0
CONTIG-069724	135	5	13	19	0
CONTIG-069725	184	8	16	31	0
CONTIG-069727	294	19	27	16	2
CONTIG-069728	157	6	4	16	0
CONTIG-069729	252	10	5	89	0
CONTIG-069730	358	8	2	60	0
CONTIG-069731	115	15	9	95	0
CONTIG-069734	195	7	17	40	0
CONTIG-069735	258	12	9	43	0
CONTIG-069736	139	6	2	29	0
CONTIG-069737	146	7	2	45	0
CONTIG-069738	378	21	13	21	0
CONTIG-069739	58	2	6	3	0
CONTIG-069742	59	4	4	4	0
CONTIG-069743	742	19	42	802	0
CONTIG-069744	77	10	0	17	0
CONTIG-069745	126	4	2	23	0
CONTIG-069746	245	19	7	5	0
CONTIG-069747	72	4	2	6	0
CONTIG-069748	223	6	0	48	0
CONTIG-069749	80	20	0	37	0

CONTIG-069750	58	4	3	4	0
CONTIG-069751	93	7	9	31	0
CONTIG-069752	160	7	5	18	0
CONTIG-069753	131	6	0	9	0
CONTIG-069754	101	9	4	36	0
CONTIG-069755	118	8	6	31	0
CONTIG-069756	256	8	14	50	0
CONTIG-069757	93	6	5	7	0
CONTIG-069758	90	4	0	0	0
CONTIG-069760	67	3	2	2	0
CONTIG-069761	84	3	10	0	0
CONTIG-069762	95	5	5	6	0
CONTIG-069763	74	7	8	15	0
CONTIG-069764	147	7	5	7	0
CONTIG-069765	70	7	2	23	0
CONTIG-069766	331	9	11	103	0
CONTIG-069767	78	11	11	18	0
CONTIG-069768	37	12	0	4	2
CONTIG-069769	61	4	2	5	0
CONTIG-069770	69	8	0	21	0
CONTIG-069771	97	3	3	6	0
CONTIG-069772	375	17	4	0	62
CONTIG-069773	87	14	3	57	0
CONTIG-069774	161	7	3	29	0
CONTIG-069775	102	4	12	5	0
CONTIG-069776	89	6	9	16	0
CONTIG-069777	69	8	6	8	0
CONTIG-069778	60	7	2	7	0
CONTIG-069779	64	6	3	13	0
CONTIG-069780	70	3	0	5	0
CONTIG-069781	119	3	4	10	0
CONTIG-069782	193	7	2	39	0
CONTIG-069783	58	25	0	59	0
CONTIG-069784	60	9	6	11	0
CONTIG-069785	125	18	3	48	2
CONTIG-069786	228	15	15	125	0
CONTIG-069787	166	9	20	56	0
CONTIG-069788	130	4	13	13	0
CONTIG-069789	95	9	24	14	0
CONTIG-069790	136	7	7	29	0
CONTIG-069791	86	5	0	8	0
CONTIG-069792	512	18	12	245	9
CONTIG-069793	113	5	5	6	0
CONTIG-069795	154	5	10	10	0
CONTIG-069796	77	12	2	2	0
CONTIG-069797	215	8	8	50	2
CONTIG-069798	80	5	3	0	0

CONTIG-069799	365	6	0	31	2
CONTIG-069800	310	13	26	131	0
CONTIG-069801	259	15	31	116	0
CONTIG-069802	200	4	2	27	0
CONTIG-069803	82	18	6	45	0
CONTIG-069804	107	5	0	7	0
CONTIG-069805	101	6	2	7	0
CONTIG-069806	116	22	13	49	0
CONTIG-069807	59	5	2	9	0
CONTIG-069808	76	3	2	0	0
CONTIG-069809	86	4	6	9	0
CONTIG-069810	83	8	15	22	0
CONTIG-069811	63	7	2	15	0
CONTIG-069812	105	4	8	12	0
CONTIG-069813	158	4	7	21	0
CONTIG-069814	110	6	14	7	0
CONTIG-069815	112	6	10	20	0
CONTIG-069816	191	9	10	68	0
CONTIG-069819	99	21	8	0	5
CONTIG-069820	430	7	11	60	0
CONTIG-069821	57	1110	30	1913	0
CONTIG-069822	198	14	6	83	2
CONTIG-069823	277	27	37	429	0
CONTIG-069824	252	11	4	83	2
CONTIG-069825	74	8	12	24	0
CONTIG-069826	70	5	7	6	0
CONTIG-069829	62	26	15	82	0
CONTIG-069831	126	4	2	14	0
CONTIG-069832	335	11	57	75	2
CONTIG-069833	182	11	4	64	6
CONTIG-069837	252	16	6	163	0
CONTIG-069838	171	9	16	37	0
CONTIG-069839	155	6	8	30	0
CONTIG-069840	91	6	0	4	0
CONTIG-069841	77	5	0	14	0
CONTIG-069842	63	2	2	0	0
CONTIG-069843	259	5	4	30	0
CONTIG-069844	143	6	9	10	0
CONTIG-069845	225	11	9	76	0
CONTIG-069846	613	10	33	185	0
CONTIG-069847	77	8	19	0	5
CONTIG-069848	191	10	2	50	2
CONTIG-069853	116	7	3	17	0
CONTIG-069854	117	7	3	9	0
CONTIG-069855	129	5	11	11	0
CONTIG-069856	83	4	9	2	0
CONTIG-069857	399	24	43	503	0

CONTIG-069863	198	20	28	81	0
CONTIG-069865	92	6	8	4	0
CONTIG-069866	186	10	14	63	0
CONTIG-069868	72	4	0	4	2
CONTIG-069869	157	6	2	31	0
CONTIG-069871	185	11	6	0	0
CONTIG-069872	60	4	4	0	0
CONTIG-069873	68	4	3	5	0
CONTIG-069874	79	6	0	14	0
CONTIG-069877	145	7	2	24	0
CONTIG-069878	77	5	5	12	0
CONTIG-069879	69	9	12	8	0
CONTIG-069880	69	9	0	9	0
CONTIG-069881	107	10	21	17	0
CONTIG-069882	91	9	10	24	0
CONTIG-069883	249	12	2	127	2
CONTIG-069884	278	14	14	113	7
CONTIG-069885	113	6	0	13	0
CONTIG-069886	71	6	0	23	0
CONTIG-069887	74	10	23	15	0
CONTIG-069888	78	4	23	5	0
CONTIG-069889	601	20	12	536	0
CONTIG-069890	188	4	2	14	0
CONTIG-069891	93	13	5	22	2
CONTIG-069892	81	8	4	20	0
CONTIG-069895	110	17	8	70	0
CONTIG-069896	418	22	10	304	0
CONTIG-069897	76	6	3	12	0
CONTIG-069898	89	3	0	5	0
CONTIG-069899	61	10	19	15	0
CONTIG-069900	83	3	2	10	0
CONTIG-069901	89	10	19	20	0
CONTIG-069902	406	8	0	91	0
CONTIG-069903	125	14	5	60	0
CONTIG-069904	73	5	2	2	0
CONTIG-069907	59	4	3	4	0
CONTIG-069908	63	7	4	12	0
CONTIG-069909	531	18	6	30	92
CONTIG-069911	76	2	0	0	0
CONTIG-069912	223	6	5	52	0
CONTIG-069913	92	9	10	19	0
CONTIG-069914	115	6	5	10	0
CONTIG-069915	162	8	4	44	0
CONTIG-069916	217	4	0	3	0
CONTIG-069917	92	4	6	0	0
CONTIG-069918	174	31	4	197	0
CONTIG-069919	110	5	0	0	0

CONTIG-069920	338	11	9	87	2
CONTIG-069921	82	5	13	2	0
CONTIG-069922	61	7	2	12	0
CONTIG-069923	405	10	20	66	4
CONTIG-069924	89	14	15	25	0
CONTIG-069925	157	6	12	9	2
CONTIG-069926	261	13	7	114	0
CONTIG-069927	114	6	3	15	0
CONTIG-069929	136	14	17	39	0
CONTIG-069930	77	6	8	12	0
CONTIG-069931	60	4	0	13	0
CONTIG-069932	389	9	25	141	0
CONTIG-069933	82	9	14	19	0
CONTIG-069934	92	4	2	6	0
CONTIG-069935	94	8	34	16	2
CONTIG-069936	238	11	13	101	2
CONTIG-069937	95	6	9	0	0
CONTIG-069938	120	12	6	34	0
CONTIG-069939	85	10	8	43	0
CONTIG-069940	582	12	12	363	0
CONTIG-069941	116	9	4	36	0
CONTIG-069942	137	10	5	8	0
CONTIG-069943	101	6	12	11	0
CONTIG-069944	392	13	4	100	2
CONTIG-069945	283	10	2	163	0
CONTIG-069946	99	9	0	35	0
CONTIG-069947	131	9	0	30	0
CONTIG-069948	260	17	4	144	0
CONTIG-069949	577	20	6	0	52
CONTIG-069950	196	6	22	34	0
CONTIG-069951	157	5	4	38	0
CONTIG-069953	179	25	17	140	3
CONTIG-069954	98	12	2	40	0
CONTIG-069956	282	10	2	96	0
CONTIG-069957	101	6	11	2	0
CONTIG-069958	224	10	29	75	0
CONTIG-069960	123	6	7	18	0
CONTIG-069961	182	8	7	38	0
CONTIG-069962	60	8	4	11	0
CONTIG-069963	360	12	16	107	2
CONTIG-069964	174	8	5	29	0
CONTIG-069965	106	10	19	34	0
CONTIG-069966	883	15	49	241	10
CONTIG-069967	149	8	5	0	0
CONTIG-069968	65	3	2	5	0
CONTIG-069969	161	5	7	5	0
CONTIG-069970	88	5	9	6	0

CONTIG-069971	117	10	13	35	0
CONTIG-069972	319	12	21	107	0
CONTIG-069973	118	4	6	19	0
CONTIG-069974	551	20	24	438	0
CONTIG-069975	129	14	17	34	0
CONTIG-069977	168	6	10	32	0
CONTIG-069979	99	10	0	6	0
CONTIG-069980	165	7	0	16	0
CONTIG-069981	171	4	6	16	0
CONTIG-069982	514	10	26	158	0
CONTIG-069983	202	10	9	62	0
CONTIG-069984	47	19	2	25	0
CONTIG-069985	76	3	4	4	0
CONTIG-069986	59	6	2	0	0
CONTIG-069987	597	18	3	0	101
CONTIG-069988	59	5	4	0	0
CONTIG-069989	229	6	11	50	0
CONTIG-069990	247	17	19	86	0
CONTIG-069991	93	5	7	12	0
CONTIG-069992	704	17	21	403	0
CONTIG-069993	126	3	2	3	0
CONTIG-069994	143	7	0	36	0
CONTIG-069995	102	14	0	11	0
CONTIG-069996	428	11	7	184	0
CONTIG-069997	147	6	10	22	0
CONTIG-069998	105	7	4	10	0
CONTIG-069999	93	4	7	3	0
CONTIG-070002	60	5	0	7	0
CONTIG-070004	66	6	5	0	0
CONTIG-070005	130	6	5	31	0
CONTIG-070006	125	7	7	24	0
CONTIG-070007	69	6	0	13	0
CONTIG-070008	219	8	4	60	0
CONTIG-070009	138	5	3	25	0
CONTIG-070010	71	5	2	2	0
CONTIG-070011	63	8	0	19	0
CONTIG-070012	222	12	9	60	0
CONTIG-070013	109	5	3	15	0
CONTIG-070014	94	5	7	0	0
CONTIG-070015	70	4	2	6	0
CONTIG-070016	217	6	5	34	0
CONTIG-070017	63	8	30	0	0
CONTIG-070018	207	6	2	35	0
CONTIG-070020	279	13	0	155	0
CONTIG-070024	131	3	2	0	0
CONTIG-070025	103	20	9	39	0
CONTIG-070027	70	6	12	8	0

CONTIG-070028	163	6	23	24	0
CONTIG-070031	211	4	0	7	0
CONTIG-070032	192	17	61	78	0
CONTIG-070033	58	3	2	2	0
CONTIG-070034	294	15	13	186	2
CONTIG-070035	77	8	8	13	0
CONTIG-070036	78	10	6	35	0
CONTIG-070037	116	13	20	42	0
CONTIG-070038	434	7	9	148	0
CONTIG-070039	135	10	5	31	2
CONTIG-070040	144	5	2	30	0
CONTIG-070042	96	9	20	8	0
CONTIG-070044	107	7	10	19	0
CONTIG-070045	115	5	3	5	0
CONTIG-070046	98	4	5	11	0
CONTIG-070047	353	10	4	59	0
CONTIG-070048	163	11	3	33	0
CONTIG-070049	85	6	4	13	0
CONTIG-070050	120	5	0	0	0
CONTIG-070051	126	13	4	48	0
CONTIG-070052	448	9	2	31	0
CONTIG-070053	138	4	0	0	0
CONTIG-070054	188	8	9	22	0
CONTIG-070055	294	17	59	171	0
CONTIG-070056	191	9	6	71	0
CONTIG-070057	133	4	3	20	0
CONTIG-070058	113	8	3	22	0
CONTIG-070059	139	6	0	22	0
CONTIG-070060	71	9	15	3	0
CONTIG-070061	103	14	14	77	0
CONTIG-070062	155	4	12	24	0
CONTIG-070063	64	5	8	5	0
CONTIG-070064	237	10	3	11	0
CONTIG-070065	89	4	6	8	0
CONTIG-070066	280	11	14	103	0
CONTIG-070067	181	7	6	51	0
CONTIG-070068	58	4	0	0	0
CONTIG-070069	61	3	7	0	0
CONTIG-070070	285	11	7	88	2
CONTIG-070071	67	3	0	3	0
CONTIG-070072	94	6	2	0	0
CONTIG-070073	106	4	0	12	0
CONTIG-070074	307	12	4	0	38
CONTIG-070076	89	8	2	17	0
CONTIG-070077	58	3	4	7	0
CONTIG-070078	250	12	0	108	0
CONTIG-070079	63	19	2	28	0

CONTIG-070080	79	6	3	5	2
CONTIG-070081	133	4	4	7	0
CONTIG-070082	101	9	3	0	0
CONTIG-070083	113	9	8	31	0
CONTIG-070084	51	17	6	22	0
CONTIG-070086	104	5	2	9	0
CONTIG-070087	41	29	11	41	0
CONTIG-070088	113	9	3	29	0
CONTIG-070089	677	20	3	0	2
CONTIG-070090	76	4	11	9	0
CONTIG-070091	226	6	2	58	0
CONTIG-070092	129	9	0	35	0
CONTIG-070093	194	15	0	80	3
CONTIG-070094	140	26	9	212	0
CONTIG-070095	748	17	19	549	2
CONTIG-070096	198	5	7	30	0
CONTIG-070098	98	4	5	4	0
CONTIG-070100	95	5	3	5	0
CONTIG-070101	67	4	2	11	0
CONTIG-070102	252	10	13	87	0
CONTIG-070103	126	20	7	134	0
CONTIG-070104	221	8	4	67	0
CONTIG-070105	188	13	22	71	0
CONTIG-070106	119	8	18	10	0
CONTIG-070107	215	5	0	39	0
CONTIG-070108	183	12	5	33	0
CONTIG-070109	86	7	3	14	0
CONTIG-070110	73	6	3	2	0
CONTIG-070112	79	6	4	12	0
CONTIG-070113	102	5	6	4	0
CONTIG-070114	131	15	37	2	0
CONTIG-070115	196	14	20	15	2
CONTIG-070117	118	6	6	0	0
CONTIG-070118	91	12	3	29	0
CONTIG-070119	254	8	2	65	0
CONTIG-070120	60	4	0	6	0
CONTIG-070121	191	7	7	29	0
CONTIG-070122	63	29	13	54	0
CONTIG-070123	77	4	9	6	0
CONTIG-070124	169	4	0	9	0
CONTIG-070125	120	65	117	186	0
CONTIG-070126	153	5	12	14	0
CONTIG-070127	136	7	5	18	0
CONTIG-070128	154	17	6	66	0
CONTIG-070129	196	63	2	0	99
CONTIG-070130	103	6	14	8	0
CONTIG-070131	125	4	4	16	0

CONTIG-070132	190	10	9	87	0
CONTIG-070133	74	3	2	0	0
CONTIG-070134	185	19	4	0	15
CONTIG-070135	72	522	3	2399	0
CONTIG-070136	230	10	10	29	4
CONTIG-070137	126	6	11	23	0
CONTIG-070138	170	7	4	31	0
CONTIG-070139	121	17	9	62	0
CONTIG-070140	119	5	15	0	0
CONTIG-070141	218	8	2	64	0
CONTIG-070143	97	4	2	10	0
CONTIG-070144	200	5	3	29	0
CONTIG-070145	91	5	4	9	0
CONTIG-070146	304	10	7	24	0
CONTIG-070147	307	11	23	71	0
CONTIG-070148	132	6	15	4	0
CONTIG-070149	645	10	2	267	0
CONTIG-070150	182	7	25	23	0
CONTIG-070151	66	5	13	2	2
CONTIG-070152	100	6	11	11	0
CONTIG-070153	71	6	7	10	0
CONTIG-070154	273	7	5	38	0
CONTIG-070155	139	19	19	2	0
CONTIG-070156	70	5	2	13	0
CONTIG-070157	37	15	5	17	0
CONTIG-070158	332	12	15	140	2
CONTIG-070160	68	12	0	27	0
CONTIG-070161	58	9	2	6	0
CONTIG-070162	107	3	4	0	0
CONTIG-070163	88	9	3	14	0
CONTIG-070164	195	10	18	59	0
CONTIG-070166	213	61	0	0	0
CONTIG-070168	132	25	6	161	0
CONTIG-070169	40	8	5	0	0
CONTIG-070171	92	6	2	11	0
CONTIG-070172	47	12	2	26	0
CONTIG-070173	70	4	0	2	0
CONTIG-070174	428	14	12	231	2
CONTIG-070175	89	28	6	75	0
CONTIG-070176	288	18	10	310	0
CONTIG-070177	125	17	41	34	0
CONTIG-070178	146	4	0	6	0
CONTIG-070179	120	4	3	10	2
CONTIG-070180	65	2	3	4	0
CONTIG-070181	139	4	2	13	2
CONTIG-070182	233	8	2	66	0
CONTIG-070183	59	4	4	0	0

CONTIG-070184	130	7	2	11	0
CONTIG-070185	408	10	18	102	2
CONTIG-070186	144	13	4	60	2
CONTIG-070187	166	7	13	30	0
CONTIG-070189	93	3	2	7	0
CONTIG-070190	107	10	3	22	0
CONTIG-070191	166	90	14	908	0
CONTIG-070192	162	4	7	25	0
CONTIG-070193	440	12	16	197	0
CONTIG-070195	65	5	4	8	0
CONTIG-070196	87	34	12	145	0
CONTIG-070197	63	9	4	11	0
CONTIG-070198	118	6	0	12	0
CONTIG-070199	63	4	0	8	0
CONTIG-070200	127	7	12	16	0
CONTIG-070201	143	4	0	15	0
CONTIG-070202	415	54	6	0	16
CONTIG-070203	86	2	2	0	0
CONTIG-070204	140	10	7	54	4
CONTIG-070206	59	20	6	20	0
CONTIG-070208	152	5	3	25	0
CONTIG-070209	135	11	23	37	0
CONTIG-070210	68	3	2	3	0
CONTIG-070211	66	11	5	10	0
CONTIG-070212	72	4	0	4	0
CONTIG-070213	266	6	4	35	2
CONTIG-070214	70	2	0	0	0
CONTIG-070216	86	7	0	29	0
CONTIG-070217	96	10	8	27	0
CONTIG-070218	122	7	3	15	0
CONTIG-070219	164	8	2	40	0
CONTIG-070220	277	8	0	90	0
CONTIG-070221	69	7	4	5	0
CONTIG-070223	75	15	2	47	0
CONTIG-070224	93	4	4	0	0
CONTIG-070225	130	9	3	12	0
CONTIG-070226	315	8	23	110	0
CONTIG-070229	349	8	8	100	0
CONTIG-070230	130	7	7	36	0
CONTIG-070231	89	9	4	25	0
CONTIG-070233	78	6	7	13	3
CONTIG-070235	132	3	2	12	0
CONTIG-070236	212	7	3	30	0
CONTIG-070238	295	10	14	103	0
CONTIG-070239	147	8	2	29	0
CONTIG-070240	63	7	4	5	0
CONTIG-070241	175	9	8	42	0

CONTIG-070242	60	16	2	25	0
CONTIG-070243	243	55	49	44	0
CONTIG-070244	130	5	2	17	0
CONTIG-070245	98	2	2	4	0
CONTIG-070246	106	5	13	5	0
CONTIG-070247	80	10	9	17	0
CONTIG-070248	75	5	2	17	2
CONTIG-070249	163	6	7	30	2
CONTIG-070250	155	9	4	27	0
CONTIG-070251	100	6	2	4	0
CONTIG-070252	118	4	7	12	0
CONTIG-070253	59	4	3	7	0
CONTIG-070254	360	7	6	39	0
CONTIG-070255	164	10	20	39	2
CONTIG-070256	164	10	14	63	0
CONTIG-070257	234	13	23	83	0
CONTIG-070258	104	6	11	6	0
CONTIG-070261	64	3	5	0	0
CONTIG-070262	537	13	0	234	4
CONTIG-070264	75	4	14	0	0
CONTIG-070265	69	4	4	10	0
CONTIG-070266	188	7	3	68	0
CONTIG-070267	64	15	2	48	0
CONTIG-070269	122	21	16	103	0
CONTIG-070271	114	25	6	158	0
CONTIG-070272	84	3	2	7	0
CONTIG-070273	102	15	8	0	6
CONTIG-070275	74	7	4	12	0
CONTIG-070276	209	9	2	64	0
CONTIG-070277	71	9	3	30	0
CONTIG-070278	183	8	11	17	0
CONTIG-070279	251	12	12	126	2
CONTIG-070280	478	16	33	12	0
CONTIG-070282	234	8	3	50	0
CONTIG-070283	339	12	6	195	2
CONTIG-070284	129	6	2	12	0
CONTIG-070285	151	9	8	47	0
CONTIG-070286	109	4	6	17	0
CONTIG-070287	97	16	19	49	0
CONTIG-070289	277	7	18	61	0
CONTIG-070290	60	9	8	15	0
CONTIG-070292	197	14	13	58	0
CONTIG-070293	59	4	13	0	0
CONTIG-070294	84	3	0	0	0
CONTIG-070295	89	5	0	0	0
CONTIG-070296	174	7	21	34	0
CONTIG-070297	109	17	11	37	2

CONTIG-070298	333	14	9	152	0
CONTIG-070299	78	9	0	25	0
CONTIG-070300	58	4	11	6	0
CONTIG-070301	214	15	18	92	0
CONTIG-070302	188	6	6	20	0
CONTIG-070303	104	4	12	10	0
CONTIG-070304	74	11	18	22	0
CONTIG-070305	110	4	2	16	0
CONTIG-070306	178	13	2	63	0
CONTIG-070307	36	16	0	18	0
CONTIG-070308	74	7	2	19	0
CONTIG-070309	94	11	7	24	5
CONTIG-070310	108	4	0	5	0
CONTIG-070311	63	17	2	24	0
CONTIG-070313	94	10	2	25	0
CONTIG-070314	101	9	11	28	0
CONTIG-070315	63	7	0	16	0
CONTIG-070318	86	3	2	2	0
CONTIG-070319	110	7	10	0	0
CONTIG-070320	350	11	4	138	0
CONTIG-070322	101	8	3	41	0
CONTIG-070323	71	4	12	4	0
CONTIG-070324	320	13	29	131	0
CONTIG-070326	110	10	0	39	0
CONTIG-070327	587	163	5	2	48
CONTIG-070328	227	5	6	27	0
CONTIG-070330	98	5	11	5	0
CONTIG-070331	90	11	0	44	0
CONTIG-070334	69	7	0	21	0
CONTIG-070335	58	4	4	2	0
CONTIG-070336	72	6	10	5	0
CONTIG-070337	68	10	14	21	0
CONTIG-070338	74	10	12	8	2
CONTIG-070339	88	4	2	12	0
CONTIG-070340	87	5	2	9	0
CONTIG-070341	69	6	3	10	0
CONTIG-070342	341	17	3	0	38
CONTIG-070343	63	9	5	5	0
CONTIG-070344	63	10	10	22	0
CONTIG-070345	315	9	38	107	0
CONTIG-070347	67	4	2	9	0
CONTIG-070348	125	6	16	23	0
CONTIG-070349	149	5	3	8	2
CONTIG-070350	93	5	8	4	0
CONTIG-070351	78	5	5	11	0
CONTIG-070352	84	10	4	20	0
CONTIG-070353	77	7	2	21	0

CONTIG-070354	78	3	3	2	0
CONTIG-070355	67	6	6	3	0
CONTIG-070356	474	17	9	324	3
CONTIG-070357	62	5	5	7	0
CONTIG-070358	170	7	0	34	0
CONTIG-070359	103	11	5	48	0
CONTIG-070360	82	9	15	2	0
CONTIG-070361	593	13	13	330	0
CONTIG-070363	92	6	5	11	0
CONTIG-070364	94	5	7	13	0
CONTIG-070365	118	8	0	28	0
CONTIG-070366	471	16	13	163	4
CONTIG-070367	92	5	8	11	0
CONTIG-070368	485	10	19	107	0
CONTIG-070369	81	6	13	11	0
CONTIG-070370	106	4	20	2	0
CONTIG-070371	72	4	3	7	0
CONTIG-070372	93	7	0	14	0
CONTIG-070373	184	8	14	19	0
CONTIG-070374	144	5	14	15	0
CONTIG-070375	124	7	11	38	0
CONTIG-070376	159	15	6	64	0
CONTIG-070377	122	5	2	24	0
CONTIG-070378	426	8	15	112	0
CONTIG-070379	136	26	8	167	4
CONTIG-070380	87	6	2	6	0
CONTIG-070381	138	9	13	31	0
CONTIG-070383	276	5	7	40	0
CONTIG-070384	123	6	2	29	0
CONTIG-070385	289	3	8	11	2
CONTIG-070386	85	13	5	12	0
CONTIG-070387	563	15	9	124	0
CONTIG-070388	66	8	4	22	0
CONTIG-070389	87	10	4	9	0
CONTIG-070390	151	6	11	17	0
CONTIG-070391	145	15	2	126	2
CONTIG-070392	232	8	11	52	0
CONTIG-070393	92	5	14	4	0
CONTIG-070394	177	10	43	59	0
CONTIG-070395	71	10	3	29	0
CONTIG-070396	71	5	4	5	0
CONTIG-070397	92	8	2	35	0
CONTIG-070398	294	8	25	59	0
CONTIG-070399	126	14	11	64	0
CONTIG-070400	153	6	0	20	0
CONTIG-070401	64	7	0	9	5
CONTIG-070402	61	14	2	23	0

CONTIG-070403	60	4	0	9	0
CONTIG-070404	188	5	11	25	0
CONTIG-070405	461	18	10	398	7
CONTIG-070406	344	9	8	65	0
CONTIG-070407	175	9	7	28	0
CONTIG-070408	129	7	2	25	0
CONTIG-070409	61	16	4	41	0
CONTIG-070411	129	4	0	17	0
CONTIG-070412	71	3	7	2	0
CONTIG-070413	66	7	0	17	0
CONTIG-070414	90	7	0	20	0
CONTIG-070415	412	14	4	15	2
CONTIG-070416	145	4	10	9	0
CONTIG-070417	63	9	2	15	0
CONTIG-070418	100	7	2	25	0
CONTIG-070419	73	9	2	7	0
CONTIG-070420	60	19	2	2	0
CONTIG-070421	105	10	16	13	0
CONTIG-070422	62	7	4	6	0
CONTIG-070423	274	7	8	55	2
CONTIG-070424	163	6	5	15	0
CONTIG-070425	270	10	36	64	0
CONTIG-070426	166	5	2	21	0
CONTIG-070427	92	4	9	0	0
CONTIG-070428	88	9	0	23	0
CONTIG-070430	152	13	11	100	0
CONTIG-070431	423	13	27	167	2
CONTIG-070432	225	8	27	42	0
CONTIG-070433	143	8	5	30	0
CONTIG-070434	122	10	2	0	17
CONTIG-070435	92	18	0	88	0
CONTIG-070436	145	4	2	10	0
CONTIG-070437	97	8	8	7	0
CONTIG-070438	137	4	9	7	0
CONTIG-070439	368	5	9	18	0
CONTIG-070440	288	6	9	61	0
CONTIG-070441	61	7	7	2	0
CONTIG-070442	551	27	25	762	0
CONTIG-070443	81	17	5	38	0
CONTIG-070444	67	3	0	0	0
CONTIG-070445	83	7	19	6	0
CONTIG-070446	132	11	13	19	0
CONTIG-070448	156	23	17	128	0
CONTIG-070449	320	10	24	87	2
CONTIG-070450	74	4	6	6	0
CONTIG-070451	122	5	6	18	0
CONTIG-070452	73	6	15	2	0

CONTIG-070454	78	8	7	13	0
CONTIG-070455	90	5	0	17	0
CONTIG-070456	175	12	24	70	0
CONTIG-070457	60	6	8	13	0
CONTIG-070458	91	4	0	12	0
CONTIG-070459	88	4	6	11	0
CONTIG-070460	144	10	9	20	9
CONTIG-070461	114	5	26	12	0
CONTIG-070462	142	12	8	0	2
CONTIG-070463	298	11	7	83	2
CONTIG-070464	179	15	5	75	0
CONTIG-070465	77	2	2	2	0
CONTIG-070467	117	5	0	21	0
CONTIG-070468	115	6	8	25	0
CONTIG-070469	77	5	2	12	0
CONTIG-070471	121	6	0	13	2
CONTIG-070472	87	6	5	10	0
CONTIG-070473	452	18	35	245	4
CONTIG-070475	418	13	15	158	0
CONTIG-070476	78	6	2	11	0
CONTIG-070478	118	9	9	24	0
CONTIG-070479	188	6	4	16	4
CONTIG-070480	83	15	0	2	0
CONTIG-070481	84	4	4	2	0
CONTIG-070482	135	4	3	10	0
CONTIG-070483	382	7	10	56	2
CONTIG-070484	89	5	0	9	0
CONTIG-070485	76	7	4	15	0
CONTIG-070487	71	5	0	10	0
CONTIG-070488	116	6	2	4	0
CONTIG-070489	104	7	2	8	0
CONTIG-070490	184	8	8	57	2
CONTIG-070491	105	8	3	37	0
CONTIG-070492	98	6	4	2	3
CONTIG-070493	85	6	3	12	2
CONTIG-070494	182	7	0	36	0
CONTIG-070495	156	13	14	34	0
CONTIG-070496	115	6	5	24	0
CONTIG-070497	277	8	8	49	6
CONTIG-070499	64	8	19	5	0
CONTIG-070500	91	9	0	7	2
CONTIG-070501	272	9	7	27	0
CONTIG-070502	180	19	0	0	2
CONTIG-070503	120	10	8	19	0
CONTIG-070504	165	13	5	36	0
CONTIG-070505	61	8	0	17	0
CONTIG-070506	107	3	0	7	0

CONTIG-070507	119	3	0	7	0
CONTIG-070508	153	13	7	37	2
CONTIG-070509	605	17	24	188	0
CONTIG-070510	139	6	7	37	0
CONTIG-070511	147	10	12	61	0
CONTIG-070512	93	29	12	126	0
CONTIG-070513	176	11	7	65	0
CONTIG-070514	92	3	6	8	0
CONTIG-070515	70	4	12	0	0
CONTIG-070516	142	11	0	0	0
CONTIG-070517	61	5	3	0	0
CONTIG-070518	246	12	8	110	0
CONTIG-070519	165	9	4	41	2
CONTIG-070520	95	7	7	14	0
CONTIG-070521	163	10	0	85	0
CONTIG-070522	108	9	3	37	0
CONTIG-070523	83	4	9	8	0
CONTIG-070524	249	7	0	37	0
CONTIG-070525	101	5	2	12	0
CONTIG-070526	76	7	2	10	0
CONTIG-070527	95	8	21	8	0
CONTIG-070528	117	5	11	4	0
CONTIG-070529	136	7	11	9	0
CONTIG-070530	106	9	7	23	0
CONTIG-070531	124	7	3	24	0
CONTIG-070532	135	5	2	24	0
CONTIG-070533	141	5	0	27	0
CONTIG-070534	77	3	2	7	0
CONTIG-070535	181	8	2	49	0
CONTIG-070536	70	10	6	17	0
CONTIG-070541	44	51	11	84	0
CONTIG-070547	152	12	12	0	0
CONTIG-070548	102	6	10	0	0
CONTIG-070549	190	6	0	10	0
CONTIG-070550	71	7	2	13	0
CONTIG-070551	135	15	2	53	7
CONTIG-070552	184	9	6	50	0
CONTIG-070553	226	9	39	61	0
CONTIG-070554	81	5	2	7	0
CONTIG-070555	61	5	6	5	2
CONTIG-070556	58	10	2	17	0
CONTIG-070557	170	5	14	8	0
CONTIG-070558	63	5	0	11	0
CONTIG-070559	73	13	5	20	0
CONTIG-070561	103	6	0	15	0
CONTIG-070562	227	11	23	70	2
CONTIG-070565	85	70	26	191	4

CONTIG-070566	88	9	0	28	0
CONTIG-070567	61	4	6	5	0
CONTIG-070568	112	21	0	93	0
CONTIG-070569	308	42	2	0	107
CONTIG-070570	97	5	0	14	0
CONTIG-070571	76	7	2	15	0
CONTIG-070572	382	8	6	68	0
CONTIG-070573	139	6	2	24	0
CONTIG-070574	84	14	13	24	0
CONTIG-070575	300	8	2	119	0
CONTIG-070576	61	5	0	4	0
CONTIG-070577	65	5	0	6	0
CONTIG-070578	67	5	9	3	0
CONTIG-070579	283	15	14	139	3
CONTIG-070580	190	6	0	51	0
CONTIG-070581	61	3	7	0	0
CONTIG-070582	178	7	4	38	0
CONTIG-070583	104	4	5	4	0
CONTIG-070585	307	14	6	213	0
CONTIG-070588	363	8	5	113	0
CONTIG-070589	83	29	19	33	0
CONTIG-070590	69	7	19	9	0
CONTIG-070591	128	6	4	19	0
CONTIG-070592	293	65	0	0	44
CONTIG-070593	125	9	2	32	0
CONTIG-070594	117	10	0	2	0
CONTIG-070596	241	10	15	50	2
CONTIG-070597	71	6	6	3	0
CONTIG-070598	251	4	10	9	0
CONTIG-070599	80	6	6	6	0
CONTIG-070603	72	3	0	4	0
CONTIG-070604	59	40	6	0	0
CONTIG-070605	79	116	0	0	68
CONTIG-070613	112	4	11	11	0
CONTIG-070614	176	5	7	31	0
CONTIG-070615	105	5	3	4	0
CONTIG-070616	110	4	3	0	0
CONTIG-070617	97	4	0	4	0
CONTIG-070620	107	8	2	27	0
CONTIG-070621	1716	51	0	2	1098
CONTIG-070622	460	11	60	69	0
CONTIG-070623	79	8	12	11	0
CONTIG-070624	76	5	7	7	0
CONTIG-070625	488	15	4	11	0
CONTIG-070626	114	6	10	9	0
CONTIG-070627	59	8	16	7	0
CONTIG-070628	60	6	19	0	0

CONTIG-070629	95	8	13	15	0
CONTIG-070630	122	6	9	7	0
CONTIG-070631	82	6	4	11	2
CONTIG-070632	235	9	33	32	2
CONTIG-070633	64	4	4	4	0
CONTIG-070634	85	11	11	26	0
CONTIG-070635	68	6	15	0	0
CONTIG-070636	137	7	8	21	0
CONTIG-070637	176	7	12	28	0
CONTIG-070638	95	3	4	2	2
CONTIG-070640	200	6	11	36	2
CONTIG-070641	145	9	17	17	2
CONTIG-070642	117	12	14	31	0
CONTIG-070643	90	10	0	26	0
CONTIG-070644	128	8	2	41	0
CONTIG-070645	81	12	2	11	0
CONTIG-070646	978	13	17	440	2
CONTIG-070649	237	11	11	89	0
CONTIG-070650	270	5	3	42	0
CONTIG-070651	143	9	24	30	0
CONTIG-070652	64	6	2	6	0
CONTIG-070654	199	17	33	76	4
CONTIG-070656	58	8	2	18	0
CONTIG-070657	96	8	4	30	0
CONTIG-070658	60	5	0	5	0
CONTIG-070659	219	16	34	13	0
CONTIG-070660	369	11	11	160	0
CONTIG-070661	173	25	9	141	5
CONTIG-070662	124	10	6	42	0
CONTIG-070663	37	46	3	21	0
CONTIG-070664	125	10	2	24	2
CONTIG-070665	225	14	10	78	0
CONTIG-070666	187	8	5	2	0
CONTIG-070667	69	6	9	6	0
CONTIG-070668	37	37	4	32	0
CONTIG-070669	202	10	4	72	0
CONTIG-070670	38	3	0	0	0
CONTIG-070671	66	5	3	7	0
CONTIG-070672	65	5	0	11	0
CONTIG-070673	87	6	0	11	0
CONTIG-070674	211	10	17	68	0
CONTIG-070675	105	3	2	2	0
CONTIG-070676	88	10	10	30	0
CONTIG-070677	155	6	3	8	0
CONTIG-070678	156	7	21	33	0
CONTIG-070682	60	2	0	2	0
CONTIG-070684	333	11	14	132	2

CONTIG-070685	75	5	3	8	0
CONTIG-070686	78	4	2	11	0
CONTIG-070687	128	5	0	12	2
CONTIG-070688	166	8	5	41	0
CONTIG-070689	172	4	4	2	2
CONTIG-070690	433	32	0	627	4
CONTIG-070692	85	3	6	0	0
CONTIG-070693	60	5	12	0	0
CONTIG-070694	139	11	8	59	0
CONTIG-070695	89	5	0	9	0
CONTIG-070696	177	8	16	33	2
CONTIG-070697	253	13	11	105	0
CONTIG-070699	179	28	27	213	0
CONTIG-070700	187	4	2	17	0
CONTIG-070701	75	2	0	0	0
CONTIG-070702	106	11	2	26	0
CONTIG-070703	64	4	6	9	0
CONTIG-070704	128	8	15	34	0
CONTIG-070705	63	7	3	0	0
CONTIG-070706	103	8	0	31	0
CONTIG-070707	209	6	5	41	0
CONTIG-070708	136	6	2	19	0
CONTIG-070709	255	8	14	71	2
CONTIG-070710	130	5	8	6	0
CONTIG-070711	91	4	6	10	0
CONTIG-070712	86	5	16	8	0
CONTIG-070713	75	12	14	14	0
CONTIG-070714	74	20	17	49	0
CONTIG-070717	201	7	4	36	0
CONTIG-070718	193	13	3	21	0
CONTIG-070720	59	3	0	2	0
CONTIG-070721	71	13	12	26	2
CONTIG-070722	81	8	2	22	0
CONTIG-070723	334	9	25	75	0
CONTIG-070724	101	2	9	0	0
CONTIG-070725	200	10	0	33	0
CONTIG-070726	100	4	2	2	0
CONTIG-070727	124	13	18	19	0
CONTIG-070728	239	10	29	51	0
CONTIG-070729	66	3	0	0	0
CONTIG-070730	128	13	6	74	0
CONTIG-070731	63	11	11	0	2
CONTIG-070732	62	9	0	5	0
CONTIG-070733	91	5	2	9	0
CONTIG-070734	108	8	3	32	0
CONTIG-070735	138	8	6	32	0
CONTIG-070736	78	4	5	5	0

CONTIG-070737	65	8	18	0	0
CONTIG-070738	96	7	5	9	0
CONTIG-070739	91	6	6	9	0
CONTIG-070740	81	3	0	3	0
CONTIG-070741	107	5	0	12	0
CONTIG-070742	85	4	0	8	0
CONTIG-070743	68	6	4	15	0
CONTIG-070744	79	5	7	18	0
CONTIG-070745	95	6	4	13	0
CONTIG-070746	106	6	33	0	0
CONTIG-070747	59	5	2	0	0
CONTIG-070748	87	3	0	0	0
CONTIG-070749	79	4	6	6	0
CONTIG-070750	186	22	11	192	2
CONTIG-070751	59	9	0	10	0
CONTIG-070753	124	4	3	12	0
CONTIG-070754	124	43	0	3	0
CONTIG-070755	54	402	0	2	0
CONTIG-070756	86	8	13	0	0
CONTIG-070757	484	8	27	74	2
CONTIG-070759	244	11	11	2	0
CONTIG-070760	93	3	2	2	0
CONTIG-070761	90	6	5	13	0
CONTIG-070762	114	9	16	15	0
CONTIG-070763	144	9	8	39	0
CONTIG-070764	75	9	2	33	0
CONTIG-070765	95	3	0	0	0
CONTIG-070768	129	9	8	51	0
CONTIG-070769	299	91	3	0	289
CONTIG-070770	198	6	18	38	0
CONTIG-070771	143	5	10	15	0
CONTIG-070772	149	12	4	46	0
CONTIG-070773	172	6	0	23	0
CONTIG-070774	375	10	3	0	0
CONTIG-070775	103	4	4	9	0
CONTIG-070776	68	3	4	0	0
CONTIG-070777	224	12	4	65	0
CONTIG-070778	121	13	6	59	0
CONTIG-070779	84	10	4	36	0
CONTIG-070780	252	10	8	53	0
CONTIG-070781	185	9	5	30	0
CONTIG-070782	83	4	2	8	0
CONTIG-070783	171	8	6	24	0
CONTIG-070784	88	7	5	7	0
CONTIG-070785	97	6	10	13	0
CONTIG-070786	61	2	0	0	0
CONTIG-070787	76	10	8	10	0

CONTIG-070788	203	9	10	74	0
CONTIG-070789	101	4	2	2	0
CONTIG-070790	111	13	0	61	0
CONTIG-070791	307	9	4	54	0
CONTIG-070792	118	4	9	6	2
CONTIG-070793	120	11	18	31	0
CONTIG-070794	139	5	14	18	0
CONTIG-070795	181	5	0	23	0
CONTIG-070796	59	6	8	5	0
CONTIG-070797	202	14	5	102	4
CONTIG-070798	69	6	0	12	0
CONTIG-070799	75	5	5	2	0
CONTIG-070801	130	6	8	12	0
CONTIG-070802	167	9	5	53	0
CONTIG-070805	67	9	4	16	0
CONTIG-070806	243	6	11	38	2
CONTIG-070807	321	18	84	107	4
CONTIG-070808	93	4	3	0	0
CONTIG-070809	79	6	29	0	0
CONTIG-070810	74	9	2	13	4
CONTIG-070811	313	13	26	89	2
CONTIG-070813	194	13	5	66	0
CONTIG-070814	144	8	0	6	0
CONTIG-070815	129	5	7	17	0
CONTIG-070816	81	13	0	44	0
CONTIG-070817	68	14	28	22	0
CONTIG-070818	218	8	22	22	0
CONTIG-070819	61	8	30	2	0
CONTIG-070822	178	11	8	71	0
CONTIG-070823	58	4	2	6	0
CONTIG-070824	68	4	0	0	0
CONTIG-070826	97	5	2	12	0
CONTIG-070828	278	7	8	72	0
CONTIG-070829	123	12	5	75	0
CONTIG-070830	158	9	10	30	0
CONTIG-070831	62	5	9	0	2
CONTIG-070832	156	18	0	68	0
CONTIG-070833	172	5	17	13	0
CONTIG-070834	79	6	0	17	0
CONTIG-070835	64	3	2	2	0
CONTIG-070836	95	13	25	4	0
CONTIG-070837	234	9	0	84	0
CONTIG-070838	96	8	4	3	0
CONTIG-070839	103	6	19	7	0
CONTIG-070840	187	5	29	22	0
CONTIG-070843	140	4	3	11	0
CONTIG-070844	106	7	5	22	0

CONTIG-070845	183	10	6	68	0
CONTIG-070846	138	5	9	12	0
CONTIG-070847	94	5	0	15	0
CONTIG-070848	178	14	6	126	0
CONTIG-070851	86	6	2	10	0
CONTIG-070852	381	17	43	132	2
CONTIG-070853	136	9	0	24	2
CONTIG-070854	175	7	8	35	0
CONTIG-070855	61	3	3	2	0
CONTIG-070856	111	13	37	34	0
CONTIG-070857	59	11	17	18	0
CONTIG-070858	61	4	4	9	0
CONTIG-070859	41	21	0	23	0
CONTIG-070861	75	6	6	8	0
CONTIG-070862	91	6	7	4	0
CONTIG-070863	102	8	9	22	0
CONTIG-070864	108	4	5	16	0
CONTIG-070865	236	7	2	48	0
CONTIG-070866	92	4	11	5	0
CONTIG-070867	62	4	0	2	0
CONTIG-070868	225	6	6	33	0
CONTIG-070869	434	11	18	128	2
CONTIG-070870	167	8	12	22	0
CONTIG-070871	105	4	3	4	0
CONTIG-070872	198	11	3	114	0
CONTIG-070873	65	4	0	4	0
CONTIG-070875	98	11	39	22	0
CONTIG-070876	210	19	48	96	0
CONTIG-070877	234	9	0	0	4
CONTIG-070878	79	9	13	25	0
CONTIG-070879	173	7	6	39	0
CONTIG-070880	361	7	13	82	0
CONTIG-070881	97	6	0	20	0
CONTIG-070882	77	3	3	2	0
CONTIG-070884	94	25	2	0	0
CONTIG-070885	96	4	4	2	0
CONTIG-070886	939	159	12	2290	96
CONTIG-070887	162	7	7	15	0
CONTIG-070888	102	7	0	22	0
CONTIG-070889	76	8	3	0	0
CONTIG-070890	403	76	23	0	283
CONTIG-070891	62	9	5	11	0
CONTIG-070893	132	8	3	44	0
CONTIG-070894	167	22	7	0	15
CONTIG-070895	150	7	12	31	0
CONTIG-070896	58	3	2	8	2
CONTIG-070898	218	11	4	0	0

CONTIG-070899	84	6	2	6	0
CONTIG-070901	102	4	4	10	0
CONTIG-070902	348	7	6	55	0
CONTIG-070903	112	5	3	11	2
CONTIG-070904	73	7	5	20	0
CONTIG-070905	214	6	15	26	0
CONTIG-070906	170	9	4	28	2
CONTIG-070910	94	36	8	74	0
CONTIG-070912	105	8	10	25	0
CONTIG-070913	162	12	24	66	0
CONTIG-070914	90	8	15	15	0
CONTIG-070915	365	12	14	52	0
CONTIG-070918	120	12	0	72	0
CONTIG-070919	109	10	19	14	0
CONTIG-070920	199	10	28	52	0
CONTIG-070922	91	4	4	13	0
CONTIG-070923	102	4	0	10	0
CONTIG-070924	504	17	0	364	5
CONTIG-070925	96	7	14	18	2
CONTIG-070926	48	41	11	33	2
CONTIG-070927	912	12	43	241	11
CONTIG-070928	92	42	5	6	0
CONTIG-070929	136	10	4	43	2
CONTIG-070930	68	9	0	24	0
CONTIG-070931	92	6	8	19	0
CONTIG-070932	111	6	6	22	0
CONTIG-070933	134	13	6	94	0
CONTIG-070934	72	5	3	15	0
CONTIG-070935	209	11	3	75	0
CONTIG-070937	80	13	19	14	0
CONTIG-070938	327	10	6	117	0
CONTIG-070939	171	9	4	53	0
CONTIG-070940	95	6	4	15	2
CONTIG-070941	225	7	16	42	0
CONTIG-070942	134	7	5	17	0
CONTIG-070944	255	17	11	102	0
CONTIG-070945	219	19	18	175	0
CONTIG-070946	90	7	0	21	0
CONTIG-070947	107	5	7	15	0
CONTIG-070950	178	8	5	55	0
CONTIG-070951	981	12	33	406	10
CONTIG-070953	68	8	7	25	0
CONTIG-070954	123	7	0	15	0
CONTIG-070955	560	14	5	126	2
CONTIG-070956	177	7	2	12	0
CONTIG-070957	194	19	11	120	11
CONTIG-070958	243	16	25	51	0

CONTIG-070959	66	8	6	20	0
CONTIG-070960	138	3	0	13	0
CONTIG-070961	61	7	20	0	0
CONTIG-070962	109	6	4	3	0
CONTIG-070963	87	17	19	48	0
CONTIG-070964	203	6	2	26	0
CONTIG-070965	122	7	11	31	0
CONTIG-070969	299	4	4	32	0
CONTIG-070970	88	5	7	0	0
CONTIG-070971	60	4	2	0	0
CONTIG-070972	60	11	25	0	0
CONTIG-070973	147	5	2	23	0
CONTIG-070974	157	20	16	174	0
CONTIG-070975	101	15	0	32	0
CONTIG-070976	131	49	0	0	136
CONTIG-070977	85	15	6	49	2
CONTIG-070978	60	5	0	0	0
CONTIG-070979	87	3	4	3	0
CONTIG-070980	79	4	0	13	0
CONTIG-070981	88	6	6	7	0
CONTIG-070982	70	2	0	0	0
CONTIG-070983	220	9	8	58	0
CONTIG-070984	88	3	0	5	0
CONTIG-070986	141	5	6	7	0
CONTIG-070987	174	10	14	55	0
CONTIG-070988	62	8	3	5	0
CONTIG-070989	93	4	0	7	0
CONTIG-070997	81	5	5	13	0
CONTIG-070999	175	6	8	29	0
CONTIG-071001	94	6	2	0	0
CONTIG-071002	92	7	2	19	0
CONTIG-071003	203	9	12	77	0
CONTIG-071004	288	22	19	248	7
CONTIG-071005	94	8	7	12	0
CONTIG-071006	87	6	2	15	0
CONTIG-071007	85	5	6	9	0
CONTIG-071009	62	8	27	4	0
CONTIG-071010	79	4	0	4	0
CONTIG-071011	151	3	0	9	0
CONTIG-071012	88	9	2	15	2
CONTIG-071013	303	34	2	0	14
CONTIG-071015	71	6	0	15	0
CONTIG-071016	173	10	0	56	0
CONTIG-071017	292	25	13	318	4
CONTIG-071018	78	11	4	6	0
CONTIG-071019	79	4	3	6	0
CONTIG-071025	82	38	3	0	2

CONTIG-071026	353	10	12	117	0
CONTIG-071027	115	5	5	6	0
CONTIG-071028	162	10	0	61	0
CONTIG-071029	239	18	5	0	36
CONTIG-071030	159	11	2	57	0
CONTIG-071031	62	9	14	10	0
CONTIG-071035	180	11	47	69	0
CONTIG-071036	111	7	2	21	0
CONTIG-071037	108	3	0	4	0
CONTIG-071038	91	6	7	18	0
CONTIG-071039	70	5	5	8	0
CONTIG-071040	82	4	3	9	0
CONTIG-071041	118	6	6	25	0
CONTIG-071042	99	17	3	62	0
CONTIG-071043	68	3	3	0	0
CONTIG-071044	150	5	10	22	0
CONTIG-071045	160	9	0	0	0
CONTIG-071046	135	7	2	19	2
CONTIG-071047	135	6	2	20	0
CONTIG-071048	576	90	5	0	50
CONTIG-071050	60	6	16	7	0
CONTIG-071051	80	4	7	11	0
CONTIG-071052	77	6	11	12	0
CONTIG-071053	75	10	27	13	2
CONTIG-071056	120	3	4	10	0
CONTIG-071057	213	7	5	44	0
CONTIG-071058	112	12	2	39	0
CONTIG-071059	168	8	7	9	0
CONTIG-071060	63	4	0	0	0
CONTIG-071061	107	5	2	9	0
CONTIG-071062	105	18	2	46	0
CONTIG-071063	163	9	9	43	0
CONTIG-071064	76	3	2	3	0
CONTIG-071065	114	8	8	26	0
CONTIG-071066	86	7	7	12	0
CONTIG-071067	76	4	4	11	0
CONTIG-071068	161	5	0	22	2
CONTIG-071069	242	10	6	53	0
CONTIG-071070	60	7	7	19	0
CONTIG-071071	277	7	11	79	2
CONTIG-071072	65	5	8	5	0
CONTIG-071073	123	9	4	48	0
CONTIG-071074	105	6	0	0	2
CONTIG-071075	157	33	5	234	0
CONTIG-071076	86	7	4	22	0
CONTIG-071077	161	6	14	29	0
CONTIG-071078	58	3	2	0	0

CONTIG-071079	88	9	4	14	0
CONTIG-071080	93	6	8	19	0
CONTIG-071081	118	5	10	3	0
CONTIG-071082	98	4	2	8	0
CONTIG-071083	112	9	8	35	0
CONTIG-071084	59	6	3	6	0
CONTIG-071085	142	6	0	33	0
CONTIG-071086	89	3	0	6	0
CONTIG-071087	103	16	5	7	0
CONTIG-071088	111	4	0	19	0
CONTIG-071089	66	10	4	30	0
CONTIG-071090	96	13	4	11	0
CONTIG-071091	86	24	15	23	0
CONTIG-071092	168	80	3	2	0
CONTIG-071093	227	5	2	14	0
CONTIG-071094	105	4	0	15	0
CONTIG-071095	101	8	0	11	0
CONTIG-071096	70	7	2	14	0
CONTIG-071097	147	6	2	13	0
CONTIG-071098	194	5	5	26	0
CONTIG-071099	125	4	0	16	0
CONTIG-071100	220	10	2	34	8
CONTIG-071101	235	12	2	2	0
CONTIG-071102	216	19	17	131	2
CONTIG-071103	484	7	3	92	0
CONTIG-071104	112	6	3	8	0
CONTIG-071105	69	5	2	6	0
CONTIG-071106	72	12	2	15	0
CONTIG-071107	374	7	15	48	0
CONTIG-071108	165	12	14	64	0
CONTIG-071110	76	7	4	21	0
CONTIG-071111	299	9	0	0	2
CONTIG-071112	79	3	4	6	0
CONTIG-071113	106	4	3	6	0
CONTIG-071114	149	15	2	134	0
CONTIG-071115	71	7	13	0	0
CONTIG-071116	105	3	2	15	0
CONTIG-071117	129	6	15	19	0
CONTIG-071118	58	5	9	0	0
CONTIG-071119	62	8	8	11	0
CONTIG-071121	84	10	14	13	0
CONTIG-071122	168	11	13	66	0
CONTIG-071123	90	3	2	4	0
CONTIG-071124	177	13	14	8	0
CONTIG-071125	156	5	6	25	0
CONTIG-071126	122	3	0	5	0
CONTIG-071127	59	7	4	18	0

CONTIG-071128	76	5	7	10	0
CONTIG-071129	137	13	43	58	0
CONTIG-071130	205	8	15	29	0
CONTIG-071131	200	6	7	16	0
CONTIG-071134	540	19	17	521	2
CONTIG-071136	87	12	26	28	0
CONTIG-071137	64	10	6	22	0
CONTIG-071138	224	6	5	45	0
CONTIG-071139	331	10	9	86	0
CONTIG-071140	86	5	4	13	0
CONTIG-071141	89	3	6	0	0
CONTIG-071142	93	14	2	28	0
CONTIG-071143	132	4	5	23	0
CONTIG-071144	101	12	24	4	0
CONTIG-071145	259	9	15	89	0
CONTIG-071146	296	10	14	87	0
CONTIG-071147	92	5	0	5	0
CONTIG-071148	144	5	11	30	0
CONTIG-071149	144	4	2	15	2
CONTIG-071150	107	14	37	9	0
CONTIG-071151	91	4	12	6	0
CONTIG-071152	82	11	3	25	0
CONTIG-071153	237	10	9	54	0
CONTIG-071155	87	2	2	4	0
CONTIG-071156	335	9	34	109	0
CONTIG-071159	94	10	0	32	0
CONTIG-071160	75	3	0	2	0
CONTIG-071161	124	11	2	54	0
CONTIG-071162	66	10	2	12	0
CONTIG-071163	64	2	2	2	0
CONTIG-071164	92	5	0	17	0
CONTIG-071166	102	6	16	7	0
CONTIG-071167	192	7	0	66	0
CONTIG-071168	221	12	3	46	0
CONTIG-071169	273	6	19	52	0
CONTIG-071170	268	7	17	30	0
CONTIG-071171	184	9	2	2	0
CONTIG-071172	178	18	6	162	0
CONTIG-071173	164	5	7	18	3
CONTIG-071174	138	5	0	11	0
CONTIG-071175	485	39	0	0	144
CONTIG-071176	165	6	3	6	0
CONTIG-071177	99	18	7	32	0
CONTIG-071179	232	7	2	55	0
CONTIG-071180	94	10	0	2	0
CONTIG-071181	84	4	5	0	0
CONTIG-071182	105	9	9	8	0

CONTIG-071183	183	7	6	29	0
CONTIG-071184	144	9	9	42	0
CONTIG-071185	155	10	7	78	0
CONTIG-071186	142	4	4	15	0
CONTIG-071187	71	6	2	17	0
CONTIG-071188	121	3	0	13	0
CONTIG-071189	255	7	0	55	0
CONTIG-071190	91	5	2	11	0
CONTIG-071191	78	6	12	5	0
CONTIG-071192	130	5	5	21	0
CONTIG-071193	90	12	2	48	2
CONTIG-071194	392	15	38	62	0
CONTIG-071195	131	5	2	12	0
CONTIG-071196	87	5	5	6	0
CONTIG-071197	154	6	0	0	0
CONTIG-071198	225	12	10	75	2
CONTIG-071200	140	10	15	22	0
CONTIG-071201	68	4	10	3	0
CONTIG-071203	67	16	2	2	0
CONTIG-071204	90	3	0	6	0
CONTIG-071205	136	7	0	9	0
CONTIG-071206	84	40	0	52	0
CONTIG-071207	95	6	0	0	0
CONTIG-071208	299	7	10	17	0
CONTIG-071209	104	5	4	5	0
CONTIG-071210	67	5	2	2	0
CONTIG-071213	64	5	7	4	0
CONTIG-071214	60	4	15	2	0
CONTIG-071216	196	7	11	57	0
CONTIG-071217	127	10	6	59	0
CONTIG-071218	77	11	2	24	0
CONTIG-071219	121	6	13	9	0
CONTIG-071220	80	6	3	6	2
CONTIG-071221	88	13	2	66	0
CONTIG-071222	494	14	35	223	0
CONTIG-071223	189	8	0	55	0
CONTIG-071224	128	7	7	15	0
CONTIG-071225	89	10	9	27	0
CONTIG-071226	101	6	0	21	0
CONTIG-071227	109	7	3	9	0
CONTIG-071228	457	41	11	134	2
CONTIG-071229	68	5	11	9	0
CONTIG-071231	219	8	17	40	0
CONTIG-071232	164	8	9	38	0
CONTIG-071233	109	3	10	4	0
CONTIG-071234	138	6	11	15	0
CONTIG-071236	71	6	3	7	0

CONTIG-071237	309	11	36	121	2
CONTIG-071239	277	7	12	46	0
CONTIG-071240	62	8	10	2	0
CONTIG-071241	342	9	20	50	3
CONTIG-071242	102	3	0	6	0
CONTIG-071243	81	3	2	2	0
CONTIG-071245	131	8	14	32	0
CONTIG-071246	168	15	25	70	0
CONTIG-071247	169	14	6	0	3
CONTIG-071248	86	3	2	6	0
CONTIG-071249	70	5	9	0	0
CONTIG-071250	74	5	20	0	0
CONTIG-071251	246	6	2	62	0
CONTIG-071252	95	7	23	21	0
CONTIG-071253	96	5	2	12	0
CONTIG-071254	94	3	4	8	0
CONTIG-071255	98	5	8	18	0
CONTIG-071257	223	6	51	14	0
CONTIG-071258	180	6	4	37	0
CONTIG-071259	414	6	18	85	2
CONTIG-071260	211	12	7	47	0
CONTIG-071261	134	17	6	89	0
CONTIG-071262	72	3	3	4	0
CONTIG-071263	74	5	8	9	0
CONTIG-071264	234	11	4	54	0
CONTIG-071268	103	14	2	74	0
CONTIG-071270	975	54	2	0	179
CONTIG-071271	127	15	4	34	0
CONTIG-071272	105	17	4	27	0
CONTIG-071273	149	6	2	8	0
CONTIG-071274	125	10	16	39	2
CONTIG-071275	77	3	7	2	0
CONTIG-071276	228	7	35	42	0
CONTIG-071277	114	4	2	10	0
CONTIG-071278	183	5	6	9	0
CONTIG-071279	211	7	3	46	0
CONTIG-071280	119	3	0	0	0
CONTIG-071281	173	14	33	77	4
CONTIG-071282	76	10	5	20	0
CONTIG-071283	65	4	2	9	0
CONTIG-071284	600	19	8	143	0
CONTIG-071285	148	7	2	26	0
CONTIG-071286	125	6	0	18	2
CONTIG-071287	470	12	7	234	2
CONTIG-071288	305	13	12	102	0
CONTIG-071289	129	8	23	25	0
CONTIG-071290	84	8	2	6	0

CONTIG-071292	120	6	3	23	0
CONTIG-071293	290	12	13	94	12
CONTIG-071294	74	14	0	49	0
CONTIG-071295	76	13	6	52	0
CONTIG-071296	256	7	5	60	0
CONTIG-071297	103	4	6	12	0
CONTIG-071298	66	6	8	15	0
CONTIG-071299	80	12	6	25	0
CONTIG-071302	60	8	3	22	0
CONTIG-071303	113	5	0	20	0
CONTIG-071304	92	7	0	25	0
CONTIG-071307	107	5	3	5	0
CONTIG-071308	121	11	0	48	2
CONTIG-071309	104	15	9	35	0
CONTIG-071310	246	11	12	72	0
CONTIG-071311	49	16	7	21	0
CONTIG-071312	90	3	0	4	0
CONTIG-071314	256	6	2	2	0
CONTIG-071315	257	6	8	50	0
CONTIG-071317	136	9	0	17	0
CONTIG-071318	60	3	0	2	0
CONTIG-071319	144	9	2	41	0
CONTIG-071320	69	6	2	15	0
CONTIG-071321	59	5	3	13	0
CONTIG-071322	174	11	22	40	0
CONTIG-071323	877	77	4	0	473
CONTIG-071324	86	12	4	31	0
CONTIG-071325	76	5	8	5	0
CONTIG-071326	117	5	5	6	0
CONTIG-071327	104	6	6	15	0
CONTIG-071329	70	4	5	5	0
CONTIG-071330	61	3	2	0	0
CONTIG-071331	130	6	9	23	0
CONTIG-071332	105	7	6	18	0
CONTIG-071333	97	5	3	13	0
CONTIG-071334	128	6	7	9	0
CONTIG-071335	296	22	17	281	0
CONTIG-071336	159	70	0	0	187
CONTIG-071337	65	3	2	2	0
CONTIG-071338	80	5	6	6	0
CONTIG-071339	60	2	0	4	0
CONTIG-071340	72	4	10	0	0
CONTIG-071342	80	11	3	32	0
CONTIG-071343	68	84	9	227	0
CONTIG-071344	97	3	2	8	0
CONTIG-071345	71	3	2	8	0
CONTIG-071346	553	17	32	512	0

CONTIG-071347	311	9	4	100	0
CONTIG-071348	87	4	8	0	0
CONTIG-071349	297	9	0	155	0
CONTIG-071351	64	19	11	30	0
CONTIG-071352	99	7	0	33	0
CONTIG-071353	103	6	0	18	0
CONTIG-071354	166	4	4	11	0
CONTIG-071355	117	10	10	30	0
CONTIG-071356	382	12	18	174	4
CONTIG-071357	841	34	2	1490	0
CONTIG-071360	715	13	25	367	6
CONTIG-071361	102	8	2	15	0
CONTIG-071362	82	3	3	3	0
CONTIG-071363	198	12	15	28	4
CONTIG-071364	528	14	6	278	9
CONTIG-071365	89	6	2	10	2
CONTIG-071366	60	5	3	0	0
CONTIG-071367	131	14	2	72	2
CONTIG-071368	477	11	8	200	2
CONTIG-071369	171	5	8	10	0
CONTIG-071370	88	4	0	11	0
CONTIG-071371	136	15	46	36	2
CONTIG-071372	102	11	3	46	0
CONTIG-071373	65	7	8	15	0
CONTIG-071374	118	4	0	4	0
CONTIG-071376	91	5	4	4	0
CONTIG-071377	130	9	17	22	0
CONTIG-071378	111	4	2	11	0
CONTIG-071379	67	2	5	0	0
CONTIG-071381	86	6	11	2	0
CONTIG-071382	87	30	37	55	0
CONTIG-071383	646	11	12	165	4
CONTIG-071384	132	5	3	23	0
CONTIG-071385	67	7	8	16	0
CONTIG-071386	139	10	6	42	0
CONTIG-071387	703	11	12	71	15
CONTIG-071388	70	11	0	20	0
CONTIG-071389	238	37	13	6	0
CONTIG-071390	430	10	0	75	10
CONTIG-071391	72	4	5	2	0
CONTIG-071392	242	8	4	78	0
CONTIG-071393	110	9	11	6	0
CONTIG-071394	192	9	9	49	0
CONTIG-071395	139	6	4	13	0
CONTIG-071396	111	7	19	13	0
CONTIG-071398	77	8	7	7	0
CONTIG-071399	143	6	4	26	0

CONTIG-071400	140	12	9	75	0
CONTIG-071404	97	5	2	2	0
CONTIG-071405	212	8	33	15	2
CONTIG-071406	195	8	8	39	0
CONTIG-071407	138	4	9	2	0
CONTIG-071408	64	3	5	2	0
CONTIG-071409	73	9	3	13	2
CONTIG-071410	76	4	0	8	0
CONTIG-071411	63	4	0	11	0
CONTIG-071415	65	3	9	6	0
CONTIG-071416	343	9	17	59	2
CONTIG-071417	282	8	26	67	0
CONTIG-071418	123	6	2	27	0
CONTIG-071419	418	8	36	128	0
CONTIG-071420	370	17	17	107	0
CONTIG-071421	150	6	12	14	0
CONTIG-071422	199	5	5	29	2
CONTIG-071423	123	8	11	10	2
CONTIG-071424	192	12	4	78	0
CONTIG-071425	74	6	9	9	0
CONTIG-071427	67	7	5	11	0
CONTIG-071428	89	5	0	16	0
CONTIG-071429	67	7	11	2	0
CONTIG-071430	89	6	2	21	2
CONTIG-071432	96	6	21	6	0
CONTIG-071433	103	2	0	2	0
CONTIG-071434	70	8	10	22	0
CONTIG-071435	58	5	6	4	0
CONTIG-071436	79	7	4	20	0
CONTIG-071437	63	13	7	0	13
CONTIG-071439	350	32	17	452	23
CONTIG-071440	102	25	6	12	0
CONTIG-071441	74	3	0	0	0
CONTIG-071442	306	10	16	117	0
CONTIG-071443	165	6	5	32	0
CONTIG-071444	66	6	0	16	0
CONTIG-071445	74	21	9	67	0
CONTIG-071446	211	5	14	13	0
CONTIG-071448	71	2	2	4	0
CONTIG-071449	215	34	5	336	0
CONTIG-071450	58	3	2	3	0
CONTIG-071451	79	3	0	0	0
CONTIG-071452	129	31	0	96	0
CONTIG-071453	191	6	2	5	0
CONTIG-071454	70	7	5	14	0
CONTIG-071455	141	19	12	23	0
CONTIG-071456	111	2	0	0	0

CONTIG-071457	118	3	8	6	0
CONTIG-071458	243	9	14	70	2
CONTIG-071459	111	10	15	21	0
CONTIG-071460	60	3	0	7	0
CONTIG-071461	103	7	4	8	0
CONTIG-071462	162	13	10	75	0
CONTIG-071463	160	6	0	27	0
CONTIG-071464	61	10	63	2	0
CONTIG-071465	251	7	7	60	0
CONTIG-071466	107	4	2	6	0
CONTIG-071467	88	3	0	9	0
CONTIG-071468	62	8	5	10	0
CONTIG-071469	254	16	15	155	0
CONTIG-071470	93	12	0	0	9
CONTIG-071471	138	8	0	27	0
CONTIG-071473	92	4	4	2	0
CONTIG-071474	79	4	3	5	0
CONTIG-071475	90	11	4	24	0
CONTIG-071476	114	14	3	65	0
CONTIG-071477	87	5	0	10	0
CONTIG-071483	239	21	24	34	24
CONTIG-071484	381	9	10	27	0
CONTIG-071485	72	10	4	14	0
CONTIG-071486	104	3	3	9	0
CONTIG-071487	62	14	5	0	2
CONTIG-071488	96	17	14	73	0
CONTIG-071489	118	7	3	26	2
CONTIG-071492	364	16	9	244	0
CONTIG-071493	225	14	28	32	0
CONTIG-071494	63	7	2	2	0
CONTIG-071495	69	9	3	15	0
CONTIG-071497	172	18	19	106	2
CONTIG-071498	145	14	3	89	4
CONTIG-071499	64	9	4	13	0
CONTIG-071500	146	6	6	18	0
CONTIG-071501	61	4	0	2	0
CONTIG-071502	115	5	2	6	0
CONTIG-071503	158	4	3	17	0
CONTIG-071504	672	13	29	311	0
CONTIG-071505	119	8	10	26	0
CONTIG-071506	143	6	3	2	0
CONTIG-071507	59	8	2	19	0
CONTIG-071508	210	6	5	16	2
CONTIG-071510	134	9	0	47	0
CONTIG-071511	152	10	10	37	0
CONTIG-071512	160	18	4	106	0
CONTIG-071513	204	33	0	258	0

CONTIG-071514	116	8	0	33	0
CONTIG-071515	148	14	3	54	2
CONTIG-071516	158	8	10	24	0
CONTIG-071518	228	6	2	46	0
CONTIG-071519	69	7	0	16	0
CONTIG-071520	156	5	2	26	0
CONTIG-071521	327	14	11	127	6
CONTIG-071522	327	10	7	99	2
CONTIG-071523	249	10	7	81	0
CONTIG-071530	143	10	20	37	0
CONTIG-071531	328	10	0	104	2
CONTIG-071532	727	15	13	142	30
CONTIG-071533	237	8	14	58	0
CONTIG-071534	138	8	10	25	0
CONTIG-071535	70	43	13	129	0
CONTIG-071536	103	5	5	12	0
CONTIG-071537	85	15	14	29	0
CONTIG-071538	73	8	15	2	0
CONTIG-071539	99	3	2	2	0
CONTIG-071540	237	5	0	29	0
CONTIG-071541	105	12	14	35	0
CONTIG-071542	72	8	11	14	0
CONTIG-071543	100	7	3	19	0
CONTIG-071544	84	18	4	26	0
CONTIG-071546	184	11	4	80	0
CONTIG-071547	132	8	24	16	2
CONTIG-071548	66	5	0	7	0
CONTIG-071549	219	15	2	188	0
CONTIG-071550	89	9	34	15	0
CONTIG-071551	74	10	18	19	0
CONTIG-071552	126	9	27	31	0
CONTIG-071553	125	13	0	86	0
CONTIG-071554	114	14	9	70	0
CONTIG-071555	93	5	0	17	0
CONTIG-071558	149	3	3	15	0
CONTIG-071559	60	6	3	3	0
CONTIG-071560	113	4	0	16	0
CONTIG-071561	337	14	20	160	0
CONTIG-071562	151	10	11	23	0
CONTIG-071563	189	5	5	31	0
CONTIG-071564	204	7	2	58	0
CONTIG-071565	74	4	5	9	0
CONTIG-071568	134	10	13	43	0
CONTIG-071569	70	7	15	9	0
CONTIG-071570	82	9	7	7	2
CONTIG-071571	143	10	4	41	0
CONTIG-071572	140	16	5	22	0

CONTIG-071573	62	4	0	6	0
CONTIG-071574	89	5	3	14	0
CONTIG-071575	191	6	5	5	0
CONTIG-071576	105	6	7	6	0
CONTIG-071577	41	13	26	0	0
CONTIG-071578	303	14	9	52	0
CONTIG-071581	60	11	8	0	0
CONTIG-071582	83	3	2	11	0
CONTIG-071583	125	7	4	28	0
CONTIG-071584	111	6	5	9	2
CONTIG-071585	118	7	0	27	0
CONTIG-071586	114	6	2	16	0
CONTIG-071587	165	8	18	14	0
CONTIG-071588	114	7	0	13	0
CONTIG-071589	46	16	0	13	0
CONTIG-071590	91	4	2	13	0
CONTIG-071591	76	19	6	57	0
CONTIG-071592	95	4	5	7	0
CONTIG-071593	104	6	0	0	0
CONTIG-071594	67	12	3	0	0
CONTIG-071595	533	11	19	171	0
CONTIG-071599	121	4	0	20	0
CONTIG-071600	108	7	8	23	0
CONTIG-071601	99	15	13	22	0
CONTIG-071603	123	6	3	18	0
CONTIG-071604	151	5	4	10	0
CONTIG-071605	73	3	6	7	0
CONTIG-071606	70	6	3	20	0
CONTIG-071608	87	3	0	5	0
CONTIG-071609	91	8	6	25	0
CONTIG-071610	136	4	8	11	0
CONTIG-071611	185	7	4	41	0
CONTIG-071612	192	10	5	61	0
CONTIG-071613	377	11	0	0	30
CONTIG-071614	324	11	20	102	0
CONTIG-071615	106	5	3	9	0
CONTIG-071619	64	7	0	4	0
CONTIG-071620	230	14	4	0	14
CONTIG-071621	173	7	5	0	0
CONTIG-071623	67	16	0	45	0
CONTIG-071624	149	15	9	58	2
CONTIG-071625	237	11	4	102	0
CONTIG-071626	70	10	6	15	2
CONTIG-071627	73	8	2	13	0
CONTIG-071628	150	7	0	40	0
CONTIG-071629	83	8	2	27	0
CONTIG-071630	157	9	0	53	0

CONTIG-071631	328	7	7	90	0
CONTIG-071632	88	11	6	10	0
CONTIG-071633	166	6	3	8	0
CONTIG-071634	263	10	0	76	0
CONTIG-071635	430	9	33	112	2
CONTIG-071636	122	6	13	11	0
CONTIG-071637	223	6	4	49	0
CONTIG-071638	75	6	5	18	0
CONTIG-071639	142	8	0	31	0
CONTIG-071640	73	63	4	129	16
CONTIG-071641	198	6	5	34	0
CONTIG-071642	104	6	4	15	0
CONTIG-071643	88	8	17	18	0
CONTIG-071644	177	9	2	39	0
CONTIG-071646	1045	31	13	1285	31
CONTIG-071647	178	6	7	14	2
CONTIG-071648	281	7	7	54	0
CONTIG-071649	116	25	7	0	0
CONTIG-071650	140	6	0	13	0
CONTIG-071651	62	6	0	4	0
CONTIG-071652	102	4	0	16	0
CONTIG-071654	70	10	40	4	0
CONTIG-071658	241	9	8	63	2
CONTIG-071659	103	5	2	6	0
CONTIG-071660	73	6	0	9	0
CONTIG-071661	135	5	8	15	0
CONTIG-071662	95	9	2	14	0
CONTIG-071663	119	7	19	0	0
CONTIG-071664	121	9	32	4	0
CONTIG-071665	308	16	4	188	0
CONTIG-071666	71	2	5	0	0
CONTIG-071667	180	16	15	99	0
CONTIG-071668	893	45	9	11	0
CONTIG-071669	424	21	4	254	0
CONTIG-071670	121	5	0	14	0
CONTIG-071673	111	12	13	40	2
CONTIG-071674	223	9	3	26	0
CONTIG-071675	129	16	0	57	4
CONTIG-071678	80	4	0	3	0
CONTIG-071679	191	7	0	54	0
CONTIG-071680	128	17	6	72	0
CONTIG-071681	129	10	8	43	0
CONTIG-071683	150	9	5	47	0
CONTIG-071684	108	9	11	30	0
CONTIG-071685	114	8	0	14	0
CONTIG-071686	532	14	15	247	0
CONTIG-071687	1500	22	29	1328	2

CONTIG-071689	59	5	5	9	0
CONTIG-071690	65	7	0	2	0
CONTIG-071691	369	9	11	96	0
CONTIG-071692	177	11	2	58	0
CONTIG-071693	63	6	4	16	0
CONTIG-071695	78	12	31	10	4
CONTIG-071696	657	13	12	206	6
CONTIG-071697	95	6	2	17	0
CONTIG-071698	76	14	3	55	0
CONTIG-071699	227	7	0	0	2
CONTIG-071700	97	4	0	11	0
CONTIG-071701	83	9	14	5	0
CONTIG-071702	69	5	5	8	0
CONTIG-071703	137	3	0	8	0
CONTIG-071704	131	6	2	7	0
CONTIG-071705	63	4	4	8	0
CONTIG-071706	98	15	18	28	0
CONTIG-071707	240	16	4	172	2
CONTIG-071708	168	10	24	53	0
CONTIG-071709	191	23	11	11	0
CONTIG-071711	257	9	9	63	0
CONTIG-071712	77	4	5	2	0
CONTIG-071714	64	3	0	2	0
CONTIG-071715	75	8	27	7	0
CONTIG-071716	256	7	0	47	0
CONTIG-071717	128	7	2	11	0
CONTIG-071718	155	6	6	11	0
CONTIG-071719	350	15	2	139	2
CONTIG-071720	94	10	19	10	0
CONTIG-071721	70	7	2	9	0
CONTIG-071722	346	30	15	473	0
CONTIG-071724	116	7	13	0	0
CONTIG-071725	85	2	0	6	0
CONTIG-071726	61	5	8	2	0
CONTIG-071727	89	4	8	7	0
CONTIG-071728	105	5	2	20	0
CONTIG-071729	66	8	2	21	0
CONTIG-071730	76	4	8	6	0
CONTIG-071731	407	42	3	0	149
CONTIG-071732	179	18	10	143	0
CONTIG-071733	182	6	3	24	0
CONTIG-071734	376	19	16	350	0
CONTIG-071735	79	7	16	6	0
CONTIG-071736	155	10	3	41	0
CONTIG-071737	86	7	0	18	0
CONTIG-071738	63	4	4	6	0
CONTIG-071739	179	11	11	69	0

CONTIG-071740	156	6	16	27	0
CONTIG-071741	352	8	13	25	0
CONTIG-071742	67	9	7	18	0
CONTIG-071748	125	8	12	41	0
CONTIG-071749	610	35	0	0	21
CONTIG-071752	212	13	10	82	0
CONTIG-071753	123	11	7	34	0
CONTIG-071754	114	6	5	14	0
CONTIG-071755	220	13	6	66	0
CONTIG-071756	90	5	7	10	0
CONTIG-071757	109	10	15	11	2
CONTIG-071758	166	10	9	41	0
CONTIG-071759	177	9	18	42	0
CONTIG-071760	82	25	5	19	0
CONTIG-071761	278	8	25	15	0
CONTIG-071762	352	14	0	0	8
CONTIG-071763	93	7	0	20	0
CONTIG-071764	137	6	42	9	0
CONTIG-071765	89	3	3	4	0
CONTIG-071766	91	4	0	6	0
CONTIG-071767	165	10	9	51	0
CONTIG-071768	65	12	48	0	0
CONTIG-071769	124	17	3	62	0
CONTIG-071770	90	11	10	42	0
CONTIG-071771	59	2	2	0	0
CONTIG-071775	58	11	11	15	0
CONTIG-071776	120	6	6	17	0
CONTIG-071777	67	6	2	9	0
CONTIG-071778	80	12	24	20	0
CONTIG-071779	132	3	2	12	0
CONTIG-071780	42	14	15	19	0
CONTIG-071781	66	8	6	17	0
CONTIG-071782	232	15	3	121	2
CONTIG-071783	135	5	0	16	0
CONTIG-071784	82	55	25	94	0
CONTIG-071785	312	6	6	51	0
CONTIG-071786	82	20	3	0	23
CONTIG-071787	227	5	2	0	2
CONTIG-071788	111	4	4	6	0
CONTIG-071789	113	18	5	54	0
CONTIG-071790	250	13	13	173	0
CONTIG-071791	141	12	4	0	0
CONTIG-071792	231	5	0	4	0
CONTIG-071793	82	5	5	4	0
CONTIG-071794	141	9	5	58	0
CONTIG-071795	124	4	6	13	0
CONTIG-071796	368	20	9	175	6

CONTIG-071797	60	3	4	0	0
CONTIG-071798	148	9	10	41	0
CONTIG-071799	70	3	0	2	0
CONTIG-071801	138	10	3	52	0
CONTIG-071802	151	6	0	25	4
CONTIG-071803	316	28	40	124	14
CONTIG-071804	365	16	52	290	0
CONTIG-071805	115	8	4	14	0
CONTIG-071806	250	24	7	279	0
CONTIG-071807	149	24	6	86	5
CONTIG-071808	65	3	0	8	0
CONTIG-071809	93	6	7	16	0
CONTIG-071810	63	7	2	9	2
CONTIG-071811	62	6	4	13	0
CONTIG-071812	116	7	6	21	0
CONTIG-071816	141	4	2	17	0
CONTIG-071817	448	10	27	169	0
CONTIG-071818	136	9	8	26	0
CONTIG-071819	209	7	28	33	0
CONTIG-071820	90	5	7	4	0
CONTIG-071821	123	7	3	31	0
CONTIG-071822	122	11	7	53	0
CONTIG-071823	66	9	10	12	0
CONTIG-071824	105	18	7	46	0
CONTIG-071829	99	3	6	4	0
CONTIG-071835	133	6	14	13	0
CONTIG-071836	174	6	8	18	0
CONTIG-071837	114	11	7	25	2
CONTIG-071838	152	7	10	28	0
CONTIG-071839	68	12	5	25	0
CONTIG-071840	447	14	14	271	0
CONTIG-071841	84	4	4	14	0
CONTIG-071842	143	6	0	37	0
CONTIG-071843	86	9	6	26	0
CONTIG-071844	82	5	5	0	0
CONTIG-071845	56	154	15	412	0
CONTIG-071846	65	3	0	2	0
CONTIG-071847	154	12	0	72	0
CONTIG-071848	117	6	6	33	0
CONTIG-071849	93	4	5	10	0
CONTIG-071850	377	16	11	89	16
CONTIG-071851	71	6	0	0	0
CONTIG-071852	299	8	8	101	0
CONTIG-071853	140	15	22	68	0
CONTIG-071854	91	10	8	3	0
CONTIG-071855	77	18	5	57	0
CONTIG-071856	82	10	8	28	0

CONTIG-071857	161	9	25	37	0
CONTIG-071858	39	427	8	307	0
CONTIG-071860	136	6	3	17	0
CONTIG-071861	100	6	4	8	0
CONTIG-071862	144	8	15	26	0
CONTIG-071863	98	5	3	10	0
CONTIG-071864	322	15	26	122	7
CONTIG-071866	83	15	14	0	0
CONTIG-071867	214	17	0	0	11
CONTIG-071868	160	7	3	31	0
CONTIG-071869	287	8	0	103	0
CONTIG-071870	595	10	9	144	0
CONTIG-071871	59	4	4	2	2
CONTIG-071872	74	6	8	18	0
CONTIG-071873	188	14	5	62	0
CONTIG-071874	218	9	14	58	4
CONTIG-071875	102	10	9	30	0
CONTIG-071876	80	6	0	15	0
CONTIG-071877	100	133	3	786	0
CONTIG-071878	86	4	4	0	0
CONTIG-071879	154	23	5	71	0
CONTIG-071880	81	4	0	7	0
CONTIG-071881	63	14	5	16	0
CONTIG-071882	123	32	2	142	6
CONTIG-071883	81	7	3	16	0
CONTIG-071884	124	3	8	11	0
CONTIG-071885	643	262	2	0	1876
CONTIG-071886	76	8	2	26	0
CONTIG-071887	77	3	4	2	0
CONTIG-071888	116	4	2	7	0
CONTIG-071889	246	13	16	78	0
CONTIG-071890	105	5	6	19	0
CONTIG-071891	80	7	13	3	0
CONTIG-071892	74	5	3	7	0
CONTIG-071893	95	3	7	2	0
CONTIG-071894	159	25	4	236	0
CONTIG-071895	150	11	14	32	2
CONTIG-071896	68	4	6	7	0
CONTIG-071898	87	8	2	23	0
CONTIG-071899	59	5	6	0	0
CONTIG-071900	77	7	4	19	0
CONTIG-071901	146	9	0	30	0
CONTIG-071902	251	7	0	49	0
CONTIG-071903	66	3	5	2	0
CONTIG-071904	76	11	2	40	0
CONTIG-071905	71	4	5	5	0
CONTIG-071906	94	37	15	186	0

CONTIG-071907	214	6	15	9	0
CONTIG-071908	140	5	2	17	0
CONTIG-071910	560	10	18	166	0
CONTIG-071911	167	8	4	42	0
CONTIG-071912	124	8	0	24	0
CONTIG-071913	171	9	33	58	0
CONTIG-071914	92	9	15	22	0
CONTIG-071915	442	72	6	0	272
CONTIG-071916	144	8	15	22	0
CONTIG-071917	125	5	7	6	0
CONTIG-071918	125	5	2	4	0
CONTIG-071919	77	4	5	8	0
CONTIG-071920	226	13	23	57	0
CONTIG-071921	160	7	6	4	0
CONTIG-071922	44	48	2	33	0
CONTIG-071923	86	7	8	0	0
CONTIG-071924	73	36	11	57	0
CONTIG-071925	77	4	0	4	0
CONTIG-071926	129	6	0	12	0
CONTIG-071927	331	8	7	69	0
CONTIG-071928	295	12	16	77	0
CONTIG-071929	162	14	24	94	0
CONTIG-071930	87	3	0	4	0
CONTIG-071931	72	4	2	0	0
CONTIG-071932	187	13	16	125	0
CONTIG-071933	62	3	0	0	0
CONTIG-071935	90	4	0	5	0
CONTIG-071936	117	5	0	7	0
CONTIG-071937	58	6	19	4	0
CONTIG-071938	176	10	7	49	0
CONTIG-071939	204	23	16	2	0
CONTIG-071941	68	4	0	2	0
CONTIG-071942	102	19	2	72	0
CONTIG-071943	95	4	3	2	0
CONTIG-071944	212	6	8	51	0
CONTIG-071945	526	7	14	59	0
CONTIG-071946	58	3	0	2	0
CONTIG-071947	90	7	3	23	0
CONTIG-071950	88	5	2	2	0
CONTIG-071951	84	19	4	60	0
CONTIG-071953	72	6	0	22	0
CONTIG-071954	116	5	0	8	2
CONTIG-071955	73	7	22	0	0
CONTIG-071956	75	21	3	41	0
CONTIG-071957	155	10	6	52	0
CONTIG-071958	464	18	17	266	0
CONTIG-071960	149	6	10	7	0

CONTIG-071961	131	14	3	101	0
CONTIG-071963	77	9	4	26	0
CONTIG-071966	90	6	3	13	0
CONTIG-071967	439	15	14	213	2
CONTIG-071968	106	3	2	12	0
CONTIG-071969	160	8	16	36	0
CONTIG-071970	153	8	16	30	0
CONTIG-071973	137	75	72	317	4
CONTIG-071974	137	8	5	18	0
CONTIG-071975	58	10	3	21	0
CONTIG-071976	282	15	19	137	4
CONTIG-071978	460	15	27	239	2
CONTIG-071979	187	5	6	16	0
CONTIG-071980	79	5	0	6	0
CONTIG-071981	231	7	7	75	0
CONTIG-071982	197	7	24	17	2
CONTIG-071983	67	8	5	3	0
CONTIG-071984	93	4	6	8	0
CONTIG-071985	129	7	4	25	0
CONTIG-071986	232	5	6	16	0
CONTIG-071987	175	6	0	23	2
CONTIG-071988	138	11	12	49	2
CONTIG-071990	96	7	13	14	0
CONTIG-071991	207	5	3	17	0
CONTIG-071992	215	9	15	54	0
CONTIG-071993	96	12	31	8	0
CONTIG-071994	115	19	6	84	0
CONTIG-071995	185	13	8	107	0
CONTIG-071997	97	22	0	0	0
CONTIG-071998	50	20	3	17	0
CONTIG-071999	131	13	2	67	2
CONTIG-072001	318	8	4	89	0
CONTIG-072002	142	9	7	42	0
CONTIG-072003	117	5	12	12	0
CONTIG-072004	58	4	11	2	0
CONTIG-072005	88	10	0	42	0
CONTIG-072006	66	6	4	12	0
CONTIG-072007	141	7	0	16	0
CONTIG-072008	267	6	2	58	0
CONTIG-072009	104	12	3	30	0
CONTIG-072011	141	5	10	10	0
CONTIG-072012	106	5	2	17	0
CONTIG-072013	88	31	22	20	0
CONTIG-072014	242	7	19	52	0
CONTIG-072015	157	8	2	18	0
CONTIG-072017	886	27	87	887	2
CONTIG-072018	163	11	2	75	0

CONTIG-072019	79	8	16	16	0
CONTIG-072020	72	2	0	2	0
CONTIG-072021	161	6	4	12	0
CONTIG-072022	61	7	0	18	0
CONTIG-072023	104	5	2	20	0
CONTIG-072024	143	6	15	21	0
CONTIG-072026	79	3	2	6	0
CONTIG-072027	50	21	0	30	2
CONTIG-072028	57	112	2	156	5
CONTIG-072029	115	4	7	16	0
CONTIG-072030	149	7	5	13	0
CONTIG-072031	113	4	0	23	0
CONTIG-072032	226	3	2	26	0
CONTIG-072033	85	4	4	8	0
CONTIG-072034	337	6	14	42	0
CONTIG-072035	88	5	2	15	0
CONTIG-072037	82	5	4	9	0
CONTIG-072038	149	7	6	34	0
CONTIG-072039	75	6	0	2	0
CONTIG-072047	211	7	6	52	0
CONTIG-072048	191	21	0	244	0
CONTIG-072049	136	6	2	14	0
CONTIG-072050	130	8	0	28	0
CONTIG-072051	193	9	14	50	0
CONTIG-072052	131	12	3	80	0
CONTIG-072053	69	16	0	48	0
CONTIG-072054	78	3	0	0	0
CONTIG-072055	228	12	29	42	0
CONTIG-072056	193	6	0	32	0
CONTIG-072058	265	11	11	99	0
CONTIG-072059	58	14	3	27	0
CONTIG-072060	318	27	8	255	30
CONTIG-072061	140	12	8	54	0
CONTIG-072062	138	5	0	15	0
CONTIG-072063	458	27	28	455	8
CONTIG-072064	152	7	5	35	0
CONTIG-072065	198	10	17	25	2
CONTIG-072066	125	10	0	45	0
CONTIG-072067	87	5	4	11	0
CONTIG-072068	204	9	2	30	0
CONTIG-072069	93	4	3	6	0
CONTIG-072070	195	17	10	127	2
CONTIG-072071	113	4	2	5	0
CONTIG-072072	208	6	3	0	2
CONTIG-072073	78	6	6	7	0
CONTIG-072074	92	4	0	2	0
CONTIG-072075	766	55	13	53	0

CONTIG-072076	263	10	2	61	0
CONTIG-072077	71	2	2	2	0
CONTIG-072078	139	4	2	26	0
CONTIG-072079	206	6	11	24	0
CONTIG-072080	84	7	4	13	2
CONTIG-072081	47	229	11	301	0
CONTIG-072082	89	7	3	11	0
CONTIG-072083	71	7	8	8	0
CONTIG-072084	82	4	8	4	0
CONTIG-072085	64	8	2	10	0
CONTIG-072086	230	6	8	26	0
CONTIG-072087	79	6	2	17	0
CONTIG-072088	92	34	2	53	0
CONTIG-072089	53	83	0	11	0
CONTIG-072090	73	4	9	2	0
CONTIG-072091	126	4	4	12	0
CONTIG-072092	113	7	0	0	0
CONTIG-072093	141	17	17	56	0
CONTIG-072094	62	9	7	20	0
CONTIG-072095	111	75	55	397	0
CONTIG-072096	78	7	8	17	0
CONTIG-072097	322	7	13	68	2
CONTIG-072098	276	8	8	72	0
CONTIG-072099	80	4	4	4	0
CONTIG-072100	121	3	4	2	0
CONTIG-072101	136	11	2	0	7
CONTIG-072102	80	4	0	0	0
CONTIG-072103	123	8	0	33	0
CONTIG-072105	170	9	0	47	0
CONTIG-072106	192	5	8	20	0
CONTIG-072108	113	10	9	22	0
CONTIG-072109	218	8	2	57	0
CONTIG-072110	167	13	7	75	0
CONTIG-072111	48	773	7	1103	0
CONTIG-072112	76	5	7	9	0
CONTIG-072113	113	6	0	10	4
CONTIG-072114	72	34	0	0	32
CONTIG-072115	124	15	5	47	0
CONTIG-072116	296	8	2	85	3
CONTIG-072117	228	32	7	0	131
CONTIG-072118	222	7	0	0	10
CONTIG-072119	62	6	7	11	0
CONTIG-072120	88	7	16	19	0
CONTIG-072122	76	8	0	34	0
CONTIG-072123	126	2	7	0	0
CONTIG-072124	73	4	0	9	0
CONTIG-072125	289	10	10	22	4

CONTIG-072126	396	6	5	56	0
CONTIG-072127	271	10	4	72	0
CONTIG-072128	67	35	3	53	20
CONTIG-072129	79	7	13	11	0
CONTIG-072130	91	3	0	6	0
CONTIG-072131	201	15	12	120	2
CONTIG-072132	75	8	2	23	0
CONTIG-072133	140	5	0	0	0
CONTIG-072134	143	16	20	91	2
CONTIG-072135	125	5	6	25	0
CONTIG-072136	70	8	6	18	0
CONTIG-072137	62	8	6	21	0
CONTIG-072138	64	3	3	3	0
CONTIG-072139	122	12	6	54	3
CONTIG-072146	77	2	2	0	0
CONTIG-072147	123	5	9	7	0
CONTIG-072148	157	11	9	40	2
CONTIG-072149	130	6	2	19	0
CONTIG-072150	61	4	2	2	0
CONTIG-072151	124	5	9	8	0
CONTIG-072155	140	8	5	40	2
CONTIG-072156	131	6	2	31	0
CONTIG-072157	117	4	5	6	0
CONTIG-072158	249	7	4	70	0
CONTIG-072161	116	4	3	5	0
CONTIG-072162	163	6	6	27	0
CONTIG-072163	374	16	13	188	4
CONTIG-072164	63	2	3	2	0
CONTIG-072165	49	22	14	34	0
CONTIG-072166	136	6	2	16	0
CONTIG-072167	119	8	2	19	0
CONTIG-072168	103	6	10	21	2
CONTIG-072170	148	4	6	26	0
CONTIG-072171	310	12	13	144	0
CONTIG-072172	228	10	0	68	0
CONTIG-072173	208	9	15	72	0
CONTIG-072174	115	4	2	18	0
CONTIG-072177	84	63	2	318	0
CONTIG-072178	347	7	10	62	4
CONTIG-072179	117	16	34	33	0
CONTIG-072180	187	7	2	46	0
CONTIG-072181	117	6	11	12	0
CONTIG-072182	119	19	4	61	3
CONTIG-072183	75	4	7	2	0
CONTIG-072184	503	63	3	0	228
CONTIG-072185	61	3	4	2	0
CONTIG-072186	142	15	9	30	0

CONTIG-072187	139	185	14	17	212
CONTIG-072188	102	5	6	12	0
CONTIG-072189	118	17	0	54	0
CONTIG-072190	73	3	0	0	0
CONTIG-072191	81	10	5	42	0
CONTIG-072192	84	6	4	20	0
CONTIG-072194	79	7	2	20	0
CONTIG-072195	192	4	7	16	0
CONTIG-072197	69	9	0	25	0
CONTIG-072198	453	19	19	452	0
CONTIG-072199	67	8	10	11	0
CONTIG-072200	58	4	11	3	0
CONTIG-072201	70	3	5	0	0
CONTIG-072202	63	7	12	0	0
CONTIG-072203	164	4	2	25	0
CONTIG-072204	74	3	0	6	0
CONTIG-072205	123	9	0	40	0
CONTIG-072206	62	4	5	5	0
CONTIG-072207	164	11	14	79	0
CONTIG-072208	162	13	7	74	2
CONTIG-072210	258	13	16	108	6
CONTIG-072211	77	4	7	5	0
CONTIG-072212	140	8	4	45	0
CONTIG-072213	124	5	4	16	0
CONTIG-072214	110	3	4	11	0
CONTIG-072216	67	5	5	4	0
CONTIG-072217	80	4	2	2	0
CONTIG-072221	124	4	2	7	2
CONTIG-072225	93	9	0	23	0
CONTIG-072226	66	6	6	10	0
CONTIG-072227	131	3	5	0	0
CONTIG-072228	77	3	2	5	0
CONTIG-072229	63	4	0	4	0
CONTIG-072230	201	7	0	28	0
CONTIG-072232	127	10	4	27	0
CONTIG-072233	156	9	5	38	0
CONTIG-072234	165	9	17	18	4
CONTIG-072235	94	3	0	5	0
CONTIG-072236	73	5	4	8	0
CONTIG-072238	150	5	13	26	0
CONTIG-072239	116	8	2	44	0
CONTIG-072240	79	7	3	0	0
CONTIG-072241	175	7	8	21	0
CONTIG-072243	356	8	2	75	2
CONTIG-072244	114	4	2	15	0
CONTIG-072245	67	3	2	0	0
CONTIG-072246	162	8	10	7	0

CONTIG-072247	56	32	22	82	0
CONTIG-072248	117	3	0	0	0
CONTIG-072249	653	15	4	280	2
CONTIG-072252	214	6	8	59	0
CONTIG-072253	55	27	64	9	0
CONTIG-072254	236	4	4	23	0
CONTIG-072255	140	12	7	25	0
CONTIG-072256	61	4	4	8	0
CONTIG-072257	115	8	6	28	0
CONTIG-072258	91	31	14	95	0
CONTIG-072259	140	7	6	23	0
CONTIG-072260	104	7	0	19	0
CONTIG-072261	411	9	27	132	0
CONTIG-072262	64	4	5	5	0
CONTIG-072263	265	16	23	214	0
CONTIG-072264	141	7	2	16	0
CONTIG-072265	151	3	7	9	0
CONTIG-072268	119	7	0	20	0
CONTIG-072269	118	38	4	161	8
CONTIG-072270	194	5	4	30	0
CONTIG-072271	86	6	8	3	0
CONTIG-072273	163	20	8	124	2
CONTIG-072274	69	2	2	4	0
CONTIG-072279	166	7	15	14	0
CONTIG-072280	53	35	0	0	0
CONTIG-072281	191	7	12	40	0
CONTIG-072282	75	7	0	20	0
CONTIG-072283	133	11	16	24	2
CONTIG-072284	51	6	2	7	0
CONTIG-072285	61	248	2	7	0
CONTIG-072286	712	20	2	0	60
CONTIG-072287	93	4	10	8	0
CONTIG-072288	213	6	3	27	2
CONTIG-072289	187	12	12	36	0
CONTIG-072290	150	16	12	88	0
CONTIG-072291	59	2	0	0	0
CONTIG-072293	289	7	24	55	0
CONTIG-072294	215	272	3	0	676
CONTIG-072295	100	8	18	16	0
CONTIG-072296	72	7	0	12	0
CONTIG-072298	204	5	12	4	2
CONTIG-072299	180	15	15	32	0
CONTIG-072300	75	7	12	9	0
CONTIG-072301	93	5	2	10	0
CONTIG-072302	268	8	2	50	0
CONTIG-072303	159	5	5	14	0
CONTIG-072304	149	12	4	99	0

CONTIG-072305	131	5	2	7	0
CONTIG-072306	78	7	0	4	0
CONTIG-072307	85	6	2	2	0
CONTIG-072312	408	14	36	82	6
CONTIG-072313	237	5	0	0	0
CONTIG-072314	153	10	12	18	0
CONTIG-072315	105	6	2	22	0
CONTIG-072316	110	16	7	13	0
CONTIG-072317	85	5	7	15	0
CONTIG-072318	273	8	5	7	0
CONTIG-072320	235	7	15	40	2
CONTIG-072321	60	4	0	4	0
CONTIG-072322	187	6	0	4	0
CONTIG-072323	107	7	8	12	0
CONTIG-072324	92	5	5	8	0
CONTIG-072326	226	8	2	49	0
CONTIG-072327	65	5	4	7	0
CONTIG-072334	250	7	3	31	0
CONTIG-072335	119	4	3	5	0
CONTIG-072336	160	4	2	0	9
CONTIG-072337	316	5	5	32	2
CONTIG-072338	232	15	29	107	0
CONTIG-072340	122	14	11	29	0
CONTIG-072341	156	7	2	36	0
CONTIG-072342	62	3	2	0	0
CONTIG-072343	66	11	10	10	0
CONTIG-072344	80	14	6	37	0
CONTIG-072345	226	12	2	129	0
CONTIG-072346	130	44	30	314	0
CONTIG-072347	60	8	7	14	0
CONTIG-072348	254	9	3	68	0
CONTIG-072349	122	10	6	51	0
CONTIG-072350	148	17	40	4	0
CONTIG-072351	69	3	4	7	0
CONTIG-072353	179	7	4	23	0
CONTIG-072356	524	24	0	0	91
CONTIG-072357	117	70	8	308	0
CONTIG-072358	283	20	2	121	7
CONTIG-072359	68	9	2	13	0
CONTIG-072360	537	43	4	0	233
CONTIG-072361	125	11	3	43	0
CONTIG-072362	81	5	3	16	0
CONTIG-072364	165	6	0	21	2
CONTIG-072365	128	21	4	131	0
CONTIG-072366	90	6	0	18	0
CONTIG-072367	58	6	6	3	0
CONTIG-072368	59	5	6	0	0

CONTIG-072369	165	12	15	23	0
CONTIG-072371	194	7	8	48	0
CONTIG-072373	59	6	0	3	0
CONTIG-072374	195	6	11	21	0
CONTIG-072375	170	11	4	61	0
CONTIG-072376	126	9	3	26	0
CONTIG-072377	104	24	12	97	0
CONTIG-072378	67	5	7	5	0
CONTIG-072379	109	7	7	7	0
CONTIG-072380	80	13	8	24	0
CONTIG-072381	76	5	2	13	0
CONTIG-072383	87	4	22	2	0
CONTIG-072386	195	10	3	71	0
CONTIG-072387	187	6	6	12	0
CONTIG-072391	72	4	3	0	2
CONTIG-072393	86	5	17	4	0
CONTIG-072395	76	3	2	4	0
CONTIG-072396	435	19	5	444	0
CONTIG-072397	111	6	3	14	0
CONTIG-072398	67	11	2	23	0
CONTIG-072399	72	6	11	6	0
CONTIG-072400	95	3	2	9	0
CONTIG-072401	159	7	6	36	0
CONTIG-072402	90	9	16	31	0
CONTIG-072406	261	6	12	33	0
CONTIG-072407	263	12	10	116	0
CONTIG-072408	63	6	0	13	0
CONTIG-072409	355	13	3	59	0
CONTIG-072410	92	6	0	15	0
CONTIG-072411	71	7	3	25	0
CONTIG-072412	204	6	4	24	0
CONTIG-072413	291	14	10	109	0
CONTIG-072414	69	18	2	69	0
CONTIG-072415	66	7	6	16	0
CONTIG-072416	81	3	0	0	2
CONTIG-072417	69	4	6	5	0
CONTIG-072419	60	7	2	7	0
CONTIG-072420	174	6	16	34	0
CONTIG-072421	69	7	3	14	0
CONTIG-072422	98	8	4	25	0
CONTIG-072424	216	8	6	47	0
CONTIG-072425	207	15	4	118	0
CONTIG-072426	72	11	3	26	0
CONTIG-072427	144	7	0	42	0
CONTIG-072428	445	11	18	193	0
CONTIG-072429	287	6	0	24	0
CONTIG-072431	86	10	25	8	0

CONTIG-072432	152	4	2	17	0
CONTIG-072434	75	7	3	0	0
CONTIG-072435	67	3	3	2	0
CONTIG-072436	84	7	0	17	0
CONTIG-072437	68	8	0	5	0
CONTIG-072438	347	10	27	94	0
CONTIG-072439	75	5	0	14	0
CONTIG-072440	104	6	15	0	0
CONTIG-072441	130	7	9	19	0
CONTIG-072443	82	6	3	17	0
CONTIG-072444	84	6	2	12	0
CONTIG-072445	107	6	3	22	0
CONTIG-072446	168	4	7	7	0
CONTIG-072447	69	10	13	2	0
CONTIG-072448	145	19	15	109	0
CONTIG-072449	270	14	7	32	0
CONTIG-072450	89	4	8	2	0
CONTIG-072451	111	9	10	11	0
CONTIG-072452	108	6	0	17	0
CONTIG-072453	299	11	19	83	0
CONTIG-072454	90	12	3	43	0
CONTIG-072455	65	4	10	0	0
CONTIG-072456	270	9	3	60	2
CONTIG-072457	131	4	4	12	0
CONTIG-072458	144	6	3	22	0
CONTIG-072459	439	6	10	55	0
CONTIG-072460	129	6	12	33	0
CONTIG-072461	84	5	3	6	0
CONTIG-072462	52	150	8	147	7
CONTIG-072463	134	25	13	72	3
CONTIG-072465	89	4	0	6	0
CONTIG-072466	211	7	12	16	0
CONTIG-072467	84	4	11	0	0
CONTIG-072468	82	4	29	2	0
CONTIG-072469	280	14	19	115	0
CONTIG-072470	180	8	8	24	0
CONTIG-072471	138	5	2	14	0
CONTIG-072472	107	7	0	13	0
CONTIG-072473	150	5	5	27	0
CONTIG-072474	149	11	2	40	0
CONTIG-072475	157	26	0	249	0
CONTIG-072476	81	4	0	6	0
CONTIG-072477	283	7	14	30	0
CONTIG-072478	167	5	5	31	0
CONTIG-072479	627	13	10	18	0
CONTIG-072480	132	6	5	22	0
CONTIG-072481	521	15	20	437	0

CONTIG-072482	320	39	13	200	2
CONTIG-072483	140	6	2	22	0
CONTIG-072484	154	5	3	7	2
CONTIG-072485	190	15	18	25	0
CONTIG-072486	115	4	2	0	2
CONTIG-072488	556	10	8	138	0
CONTIG-072489	60	4	6	7	0
CONTIG-072490	262	7	11	47	4
CONTIG-072491	185	8	12	57	0
CONTIG-072492	151	8	39	40	0
CONTIG-072493	75	7	0	29	0
CONTIG-072494	75	15	4	33	0
CONTIG-072495	117	9	10	31	2
CONTIG-072496	107	6	2	18	0
CONTIG-072497	352	9	3	105	0
CONTIG-072498	98	5	4	10	0
CONTIG-072499	60	4	9	0	0
CONTIG-072500	66	5	4	3	0
CONTIG-072501	94	4	11	8	0
CONTIG-072502	60	12	5	18	0
CONTIG-072504	62	5	5	0	2
CONTIG-072506	115	4	0	7	0
CONTIG-072507	143	19	28	53	2
CONTIG-072508	89	5	0	7	0
CONTIG-072509	66	5	5	7	0
CONTIG-072510	195	15	3	116	0
CONTIG-072511	59	4	2	0	0
CONTIG-072512	106	6	6	8	0
CONTIG-072513	157	5	7	21	4
CONTIG-072514	62	6	0	15	0
CONTIG-072515	62	10	2	13	2
CONTIG-072516	97	7	0	21	0
CONTIG-072517	63	25	9	66	0
CONTIG-072518	71	15	3	29	0
CONTIG-072519	58	5	0	2	0
CONTIG-072520	108	10	14	4	0
CONTIG-072521	121	23	0	0	0
CONTIG-072523	60	5	8	6	0
CONTIG-072526	211	8	10	8	0
CONTIG-072527	58	10	0	25	0
CONTIG-072528	100	12	2	58	2
CONTIG-072529	101	7	4	20	0
CONTIG-072530	95	8	5	23	0
CONTIG-072531	210	5	8	16	0
CONTIG-072532	62	4	3	7	0
CONTIG-072533	135	11	4	34	0
CONTIG-072534	194	7	9	25	0

CONTIG-072535	277	10	23	58	0
CONTIG-072537	335	11	4	152	0
CONTIG-072538	99	14	0	52	0
CONTIG-072539	136	3	4	6	0
CONTIG-072540	226	6	4	5	0
CONTIG-072541	46	21	6	38	0
CONTIG-072542	415	10	31	216	0
CONTIG-072544	380	11	19	195	0
CONTIG-072545	61	41	3	14	0
CONTIG-072546	226	8	2	18	0
CONTIG-072547	69	11	17	10	0
CONTIG-072548	297	11	0	0	25
CONTIG-072549	96	7	9	17	0
CONTIG-072550	264	12	11	110	5
CONTIG-072551	76	3	2	2	0
CONTIG-072552	80	5	6	9	0
CONTIG-072553	78	3	2	6	0
CONTIG-072554	99	26	0	78	5
CONTIG-072555	130	8	2	16	0
CONTIG-072556	61	8	4	10	0
CONTIG-072557	64	5	0	10	0
CONTIG-072558	93	5	3	14	0
CONTIG-072559	59	8	11	11	0
CONTIG-072560	189	6	21	28	0
CONTIG-072561	76	3	3	7	0
CONTIG-072562	100	6	0	23	0
CONTIG-072563	126	7	0	22	0
CONTIG-072564	171	10	2	37	0
CONTIG-072565	37	18	0	5	0
CONTIG-072566	140	6	13	33	0
CONTIG-072567	535	7	7	89	2
CONTIG-072568	148	6	2	44	0
CONTIG-072569	67	5	9	5	0
CONTIG-072570	286	14	14	167	4
CONTIG-072571	339	12	17	155	0
CONTIG-072572	127	8	4	36	0
CONTIG-072573	76	6	7	6	0
CONTIG-072574	103	10	17	34	0
CONTIG-072575	132	8	4	17	0
CONTIG-072576	60	4	2	5	0
CONTIG-072577	177	8	9	39	0
CONTIG-072579	59	53	8	149	0
CONTIG-072580	60	4	0	7	0
CONTIG-072582	86	18	13	65	0
CONTIG-072583	119	6	0	14	0
CONTIG-072584	265	11	3	116	0
CONTIG-072585	240	8	0	17	0

CONTIG-072586	443	42	6	0	390
CONTIG-072587	75	6	0	16	0
CONTIG-072588	108	5	7	22	0
CONTIG-072590	68	7	0	21	0
CONTIG-072591	320	10	17	57	0
CONTIG-072592	328	8	10	78	0
CONTIG-072593	172	5	0	29	0
CONTIG-072594	235	14	14	41	0
CONTIG-072595	196	7	21	57	0
CONTIG-072596	122	8	7	25	0
CONTIG-072597	45	1382	0	0	19
CONTIG-072599	414	6	9	76	0
CONTIG-072600	266	30	11	0	0
CONTIG-072601	71	4	0	11	0
CONTIG-072604	64	4	0	2	0
CONTIG-072605	274	10	19	75	0
CONTIG-072606	199	25	6	108	0
CONTIG-072607	171	10	7	40	2
CONTIG-072611	114	5	3	16	0
CONTIG-072612	61	13	31	2	0
CONTIG-072613	68	4	0	14	0
CONTIG-072615	266	6	13	31	0
CONTIG-072619	66	5	0	0	0
CONTIG-072620	183	19	12	60	2
CONTIG-072621	73	4	2	0	0
CONTIG-072622	101	14	20	49	0
CONTIG-072623	94	7	0	30	0
CONTIG-072624	123	5	3	12	0
CONTIG-072625	58	3	5	0	0
CONTIG-072626	104	4	3	4	0
CONTIG-072628	133	8	2	41	0
CONTIG-072629	121	11	6	4	0
CONTIG-072630	148	5	2	15	0
CONTIG-072633	125	12	17	28	0
CONTIG-072634	179	7	2	39	0
CONTIG-072635	69	8	0	22	0
CONTIG-072636	58	15	18	26	0
CONTIG-072637	104	6	5	22	0
CONTIG-072638	94	10	2	19	0
CONTIG-072639	60	3	0	4	0
CONTIG-072640	69	9	7	24	0
CONTIG-072642	132	7	2	27	0
CONTIG-072643	352	21	7	224	2
CONTIG-072645	174	5	0	26	0
CONTIG-072646	169	12	7	39	2
CONTIG-072647	67	3	0	0	0
CONTIG-072648	141	11	11	50	0

CONTIG-072649	103	3	5	0	0
CONTIG-072650	109	8	6	19	2
CONTIG-072651	225	9	7	66	0
CONTIG-072652	164	9	0	60	0
CONTIG-072653	157	7	21	27	0
CONTIG-072654	135	6	0	24	0
CONTIG-072655	71	9	13	10	0
CONTIG-072656	72	14	10	26	0
CONTIG-072659	189	8	0	50	2
CONTIG-072662	47	22	10	20	0
CONTIG-072663	73	4	4	10	0
CONTIG-072664	90	3	3	4	0
CONTIG-072665	200	9	10	37	0
CONTIG-072666	543	10	13	205	2
CONTIG-072667	176	7	13	35	0
CONTIG-072668	62	6	8	6	0
CONTIG-072669	241	13	2	62	0
CONTIG-072670	130	3	2	10	0
CONTIG-072671	113	6	0	27	0
CONTIG-072672	80	12	0	20	0
CONTIG-072674	177	7	2	34	0
CONTIG-072675	179	6	5	31	0
CONTIG-072676	70	4	5	0	0
CONTIG-072677	99	6	13	18	0
CONTIG-072679	261	9	7	64	0
CONTIG-072680	63	9	6	16	0
CONTIG-072681	66	9	4	18	0
CONTIG-072682	65	11	2	40	0
CONTIG-072683	96	6	2	4	2
CONTIG-072684	108	21	4	69	2
CONTIG-072685	77	4	16	0	0
CONTIG-072686	85	11	17	9	0
CONTIG-072687	143	5	8	30	0
CONTIG-072688	116	8	6	28	0
CONTIG-072689	36	1372	4	0	777
CONTIG-072690	204	5	16	26	0
CONTIG-072691	135	7	2	19	0
CONTIG-072693	122	6	5	13	0
CONTIG-072694	76	3	3	6	0
CONTIG-072696	95	7	0	16	0
CONTIG-072697	99	13	6	59	0
CONTIG-072698	155	7	21	14	0
CONTIG-072699	455	41	2	508	102
CONTIG-072700	145	5	10	30	0
CONTIG-072703	136	9	36	19	0
CONTIG-072704	120	11	26	32	0
CONTIG-072705	128	6	9	27	0

CONTIG-072706	80	4	4	4	0
CONTIG-072707	81	8	11	4	0
CONTIG-072708	131	8	8	38	0
CONTIG-072709	73	9	5	9	0
CONTIG-072710	221	14	10	108	0
CONTIG-072712	114	9	9	9	0
CONTIG-072713	147	10	11	37	0
CONTIG-072714	71	5	3	12	0
CONTIG-072715	89	5	2	12	0
CONTIG-072718	162	7	13	19	0
CONTIG-072719	122	10	5	8	0
CONTIG-072720	140	25	19	85	0
CONTIG-072721	60	6	0	3	0
CONTIG-072723	72	7	8	5	0
CONTIG-072724	231	11	30	68	2
CONTIG-072725	64	3	2	2	0
CONTIG-072726	754	9	16	174	2
CONTIG-072727	72	2	0	0	0
CONTIG-072728	133	9	0	52	0
CONTIG-072729	39	264	4	510	2
CONTIG-072730	125	4	0	13	0
CONTIG-072731	77	4	0	7	0
CONTIG-072733	138	6	10	23	0
CONTIG-072734	87	2	0	0	0
CONTIG-072735	124	9	38	10	0
CONTIG-072736	60	9	0	19	0
CONTIG-072738	108	4	3	18	0
CONTIG-072739	81	6	4	4	0
CONTIG-072740	130	8	9	36	0
CONTIG-072741	59	3	0	4	0
CONTIG-072742	634	8	8	55	0
CONTIG-072743	162	27	13	69	4
CONTIG-072745	120	7	8	11	0
CONTIG-072746	99	13	3	42	0
CONTIG-072747	437	16	12	299	0
CONTIG-072748	133	12	4	37	2
CONTIG-072749	60	9	7	0	0
CONTIG-072750	58	6	7	0	0
CONTIG-072751	159	5	5	11	0
CONTIG-072752	65	3	2	6	0
CONTIG-072753	236	7	14	82	0
CONTIG-072754	122	10	17	13	0
CONTIG-072758	115	4	6	5	0
CONTIG-072759	100	5	16	5	0
CONTIG-072760	51	45	21	80	0
CONTIG-072763	215	7	7	46	0
CONTIG-072764	62	8	9	12	0

CONTIG-072765	310	15	7	168	0
CONTIG-072766	119	4	10	12	0
CONTIG-072768	122	10	2	43	0
CONTIG-072769	102	7	6	13	0
CONTIG-072770	58	15	8	33	0
CONTIG-072771	71	9	3	18	0
CONTIG-072774	94	6	8	14	0
CONTIG-072775	69	5	0	6	0
CONTIG-072776	249	5	7	25	0
CONTIG-072777	43	11	0	9	0
CONTIG-072778	69	6	17	0	0
CONTIG-072779	82	5	6	5	0
CONTIG-072780	97	3	0	12	0
CONTIG-072781	128	6	2	14	0
CONTIG-072782	166	5	4	20	0
CONTIG-072783	103	6	5	20	0
CONTIG-072786	61	3	2	6	0
CONTIG-072787	123	8	2	29	0
CONTIG-072789	915	37	0	0	6
CONTIG-072790	464	20	31	295	0
CONTIG-072792	228	5	0	45	0
CONTIG-072793	65	9	12	8	0
CONTIG-072794	115	10	0	49	0
CONTIG-072795	162	7	6	47	0
CONTIG-072796	87	3	3	6	0
CONTIG-072801	149	11	5	23	2
CONTIG-072802	90	4	0	4	0
CONTIG-072803	69	11	14	18	0
CONTIG-072804	70	6	10	2	0
CONTIG-072805	66	138	6	104	2
CONTIG-072806	80	5	0	11	0
CONTIG-072807	123	8	9	29	0
CONTIG-072808	100	8	3	18	0
CONTIG-072810	124	4	3	17	0
CONTIG-072812	241	15	14	80	2
CONTIG-072813	58	2	0	6	0
CONTIG-072814	84	13	29	2	0
CONTIG-072815	683	13	16	155	8
CONTIG-072816	84	6	0	25	0
CONTIG-072817	229	8	4	43	2
CONTIG-072820	235	16	6	11	0
CONTIG-072821	61	18	13	15	0
CONTIG-072822	157	6	5	10	0
CONTIG-072823	109	7	19	3	0
CONTIG-072824	45	16	10	2	0
CONTIG-072825	482	14	2	0	24
CONTIG-072826	342	7	0	12	0

CONTIG-072827	70	4	0	2	0
CONTIG-072828	182	8	10	42	0
CONTIG-072829	100	4	4	6	0
CONTIG-072830	90	15	6	60	0
CONTIG-072831	96	7	13	11	0
CONTIG-072832	72	8	14	12	0
CONTIG-072833	127	4	17	6	0
CONTIG-072834	73	6	7	16	0
CONTIG-072835	39	753	16	766	0
CONTIG-072836	100	13	0	52	0
CONTIG-072837	129	10	6	66	0
CONTIG-072838	96	7	30	8	0
CONTIG-072839	206	11	8	78	0
CONTIG-072840	305	6	4	46	0
CONTIG-072843	125	7	5	27	0
CONTIG-072844	120	11	17	44	0
CONTIG-072845	173	5	3	11	0
CONTIG-072846	196	7	3	38	0
CONTIG-072847	70	4	0	9	0
CONTIG-072848	140	9	0	0	6
CONTIG-072849	130	7	5	20	0
CONTIG-072850	93	7	2	9	0
CONTIG-072852	303	9	5	82	0
CONTIG-072854	58	23	2	51	0
CONTIG-072855	132	6	17	24	0
CONTIG-072856	478	8	0	22	0
CONTIG-072857	285	5	2	36	0
CONTIG-072858	60	4	4	2	0
CONTIG-072864	131	6	8	15	0
CONTIG-072865	119	6	3	11	0
CONTIG-072866	153	8	10	41	0
CONTIG-072867	100	30	8	79	2
CONTIG-072868	120	5	2	29	0
CONTIG-072869	277	6	7	48	0
CONTIG-072870	123	7	9	23	0
CONTIG-072871	638	14	26	408	0
CONTIG-072872	104	7	2	22	2
CONTIG-072873	73	20	12	71	0
CONTIG-072874	91	7	9	22	0
CONTIG-072875	113	7	23	0	0
CONTIG-072876	269	8	13	55	0
CONTIG-072877	100	4	4	13	0
CONTIG-072878	66	8	2	5	0
CONTIG-072879	429	13	9	98	2
CONTIG-072880	160	12	24	57	0
CONTIG-072881	406	16	10	256	2
CONTIG-072882	153	11	4	16	0

CONTIG-072883	109	7	12	15	0
CONTIG-072884	100	4	2	0	0
CONTIG-072885	306	11	8	71	4
CONTIG-072886	73	7	9	13	0
CONTIG-072887	63	4	3	8	0
CONTIG-072888	223	9	4	72	0
CONTIG-072889	195	8	7	63	0
CONTIG-072890	63	15	5	29	2
CONTIG-072891	442	8	24	81	0
CONTIG-072892	213	9	18	55	0
CONTIG-072893	146	9	4	44	0
CONTIG-072894	149	9	5	47	0
CONTIG-072895	174	17	27	43	0
CONTIG-072896	84	4	0	8	0
CONTIG-072897	110	13	5	67	0
CONTIG-072898	106	5	2	10	0
CONTIG-072899	232	9	0	33	0
CONTIG-072900	86	5	2	14	0
CONTIG-072901	109	5	10	13	0
CONTIG-072902	148	4	7	11	0
CONTIG-072904	68	5	8	4	0
CONTIG-072905	143	5	8	7	0
CONTIG-072906	73	5	15	8	0
CONTIG-072907	205	5	2	29	0
CONTIG-072908	95	10	8	32	0
CONTIG-072909	70	7	0	10	0
CONTIG-072910	83	9	9	20	0
CONTIG-072911	817	36	0	0	154
CONTIG-072912	133	13	2	71	0
CONTIG-072913	562	17	13	579	0
CONTIG-072914	108	3	2	8	2
CONTIG-072915	129	4	4	8	0
CONTIG-072916	83	8	2	17	0
CONTIG-072917	73	4	5	3	0
CONTIG-072918	343	9	6	96	0
CONTIG-072919	59	4	0	0	0
CONTIG-072920	61	7	0	6	0
CONTIG-072921	120	9	6	31	0
CONTIG-072923	108	7	4	27	0
CONTIG-072924	61	3	2	4	0
CONTIG-072925	175	5	0	31	2
CONTIG-072926	140	70	32	17	0
CONTIG-072927	151	7	3	12	0
CONTIG-072928	77	6	10	9	0
CONTIG-072929	167	8	3	27	0
CONTIG-072930	70	10	7	13	0
CONTIG-072931	64	11	30	0	0

CONTIG-072932	110	16	3	76	0
CONTIG-072933	204	9	6	50	0
CONTIG-072934	266	6	8	43	0
CONTIG-072935	80	8	2	19	0
CONTIG-072936	69	9	2	19	0
CONTIG-072937	390	10	29	122	0
CONTIG-072938	79	7	2	16	0
CONTIG-072939	104	3	0	3	0
CONTIG-072942	485	50	5	0	188
CONTIG-072943	182	7	10	12	2
CONTIG-072944	96	6	15	14	0
CONTIG-072945	153	8	8	45	0
CONTIG-072946	430	12	11	203	0
CONTIG-072947	127	5	0	13	0
CONTIG-072948	300	7	5	68	0
CONTIG-072949	83	3	0	4	0
CONTIG-072951	64	25	6	21	0
CONTIG-072952	68	2	11	0	0
CONTIG-072953	86	4	0	10	0
CONTIG-072954	69	2	0	4	0
CONTIG-072955	103	7	6	28	0
CONTIG-072956	70	7	10	16	0
CONTIG-072957	155	48	21	337	0
CONTIG-072958	85	7	0	21	0
CONTIG-072959	355	6	4	8	0
CONTIG-072960	64	3	3	7	0
CONTIG-072961	133	5	2	2	4
CONTIG-072962	142	6	6	11	2
CONTIG-072963	76	5	4	2	0
CONTIG-072964	141	10	38	15	0
CONTIG-072965	207	6	7	19	0
CONTIG-072966	146	4	0	14	2
CONTIG-072967	88	3	2	0	0
CONTIG-072969	466	14	27	131	3
CONTIG-072970	58	7	4	0	0
CONTIG-072971	61	5	3	7	0
CONTIG-072972	74	11	4	17	0
CONTIG-072973	74	8	4	22	0
CONTIG-072974	83	13	11	37	0
CONTIG-072975	136	11	10	53	0
CONTIG-072976	65	6	4	4	0
CONTIG-072977	137	6	5	29	0
CONTIG-072979	64	5	2	2	0
CONTIG-072980	270	11	2	115	0
CONTIG-072981	89	7	9	11	0
CONTIG-072982	74	7	0	13	0
CONTIG-072983	195	6	3	29	0

CONTIG-072984	447	12	6	187	9
CONTIG-072987	118	5	0	0	5
CONTIG-072988	101	8	23	17	0
CONTIG-072989	36	99	3	30	0
CONTIG-072990	74	11	4	12	0
CONTIG-072991	112	13	8	57	0
CONTIG-072992	58	6	5	7	0
CONTIG-072993	98	26	14	39	0
CONTIG-072994	77	4	0	13	0
CONTIG-072995	61	9	2	13	0
CONTIG-072996	134	5	13	2	0
CONTIG-072997	75	5	0	13	0
CONTIG-072998	116	9	3	24	0
CONTIG-072999	58	4	4	8	0
CONTIG-073000	97	7	29	6	0
CONTIG-073001	330	26	0	0	14
CONTIG-073002	169	12	5	66	0
CONTIG-073003	381	16	13	220	0
CONTIG-073004	62	3	3	7	0
CONTIG-073005	236	6	2	33	0
CONTIG-073006	334	9	0	0	14
CONTIG-073007	115	8	6	0	0
CONTIG-073008	88	23	3	83	0
CONTIG-073009	84	5	7	8	0
CONTIG-073010	228	6	10	37	0
CONTIG-073011	118	5	16	12	0
CONTIG-073012	509	15	57	360	0
CONTIG-073013	169	17	2	63	0
CONTIG-073014	91	6	2	14	0
CONTIG-073015	182	6	7	40	0
CONTIG-073016	197	6	10	27	0
CONTIG-073017	106	7	3	10	0
CONTIG-073018	198	9	2	55	2
CONTIG-073019	119	152	9	685	75
CONTIG-073020	144	10	18	22	0
CONTIG-073021	528	14	8	213	10
CONTIG-073022	170	7	11	40	0
CONTIG-073023	62	5	4	10	0
CONTIG-073024	234	10	2	49	0
CONTIG-073025	94	6	6	13	0
CONTIG-073026	466	9	6	142	2
CONTIG-073027	135	8	2	2	0
CONTIG-073028	135	8	7	19	0
CONTIG-073029	77	4	4	4	0
CONTIG-073030	101	12	0	25	3
CONTIG-073032	106	8	3	41	0
CONTIG-073033	133	5	2	15	0

CONTIG-073034	89	3	4	6	0
CONTIG-073037	143	6	4	28	0
CONTIG-073038	115	9	2	23	0
CONTIG-073042	208	9	7	52	0
CONTIG-073043	348	19	4	0	42
CONTIG-073044	90	4	0	0	0
CONTIG-073046	182	7	2	18	0
CONTIG-073047	158	14	2	25	2
CONTIG-073048	108	18	12	94	2
CONTIG-073049	322	10	6	81	0
CONTIG-073050	281	10	2	74	2
CONTIG-073051	113	4	3	11	0
CONTIG-073052	123	15	3	88	0
CONTIG-073054	230	10	6	77	0
CONTIG-073055	85	5	8	16	0
CONTIG-073056	94	4	4	4	0
CONTIG-073057	141	5	0	16	0
CONTIG-073058	86	5	9	17	0
CONTIG-073059	97	4	0	14	0
CONTIG-073060	97	31	20	64	0
CONTIG-073061	86	5	0	14	0
CONTIG-073062	73	6	6	8	0
CONTIG-073063	71	7	0	13	0
CONTIG-073066	168	9	3	52	0
CONTIG-073067	97	12	4	36	0
CONTIG-073068	183	13	10	86	0
CONTIG-073069	237	27	12	9	0
CONTIG-073071	59	6	4	11	0
CONTIG-073072	314	24	4	73	0
CONTIG-073073	65	5	2	0	0
CONTIG-073074	78	13	0	30	0
CONTIG-073075	58	14	6	14	0
CONTIG-073076	61	7	4	3	0
CONTIG-073077	132	9	13	42	0
CONTIG-073078	194	6	2	35	0
CONTIG-073080	406	11	2	0	14
CONTIG-073081	153	10	0	47	2
CONTIG-073082	100	6	6	14	2
CONTIG-073083	88	3	3	4	0
CONTIG-073084	158	7	0	34	0
CONTIG-073085	63	6	3	2	0
CONTIG-073087	285	10	10	78	0
CONTIG-073088	174	14	11	3	0
CONTIG-073089	151	10	3	58	0
CONTIG-073090	143	7	10	10	0
CONTIG-073091	193	6	7	32	2
CONTIG-073092	69	15	2	2	0

CONTIG-073093	104	36	2	14	0
CONTIG-073094	81	4	12	5	0
CONTIG-073095	125	8	36	20	0
CONTIG-073096	154	11	7	55	0
CONTIG-073097	79	7	12	0	0
CONTIG-073098	70	6	0	0	0
CONTIG-073099	69	3	2	2	0
CONTIG-073100	78	6	0	0	0
CONTIG-073101	87	6	0	14	0
CONTIG-073102	120	13	4	60	0
CONTIG-073103	178	10	14	73	0
CONTIG-073104	154	7	7	37	0
CONTIG-073105	158	12	4	84	0
CONTIG-073106	87	8	0	0	4
CONTIG-073107	125	8	2	47	0
CONTIG-073108	165	46	0	0	56
CONTIG-073109	837	18	11	232	47
CONTIG-073111	276	35	3	430	2
CONTIG-073112	482	9	25	184	0
CONTIG-073113	89	18	2	66	2
CONTIG-073114	205	4	7	11	0
CONTIG-073115	419	8	6	128	0
CONTIG-073116	78	8	5	19	2
CONTIG-073117	92	2	2	4	0
CONTIG-073118	232	9	4	0	4
CONTIG-073119	126	3	2	19	0
CONTIG-073120	115	8	2	33	0
CONTIG-073122	321	7	5	50	0
CONTIG-073123	81	6	0	9	0
CONTIG-073124	257	22	0	267	2
CONTIG-073125	127	9	3	44	0
CONTIG-073126	216	9	6	58	0
CONTIG-073127	66	4	2	9	0
CONTIG-073129	99	10	5	0	0
CONTIG-073130	228	5	0	26	0
CONTIG-073131	68	16	0	0	2
CONTIG-073132	308	7	12	53	0
CONTIG-073133	90	7	2	19	0
CONTIG-073134	63	5	0	13	0
CONTIG-073135	69	9	5	14	0
CONTIG-073138	75	4	2	0	0
CONTIG-073139	78	6	7	8	0
CONTIG-073140	82	7	6	8	0
CONTIG-073141	82	5	5	10	0
CONTIG-073142	62	10	3	24	0
CONTIG-073143	67	10	11	14	0
CONTIG-073144	84	3	2	7	0

CONTIG-073145	82	20	3	36	0
CONTIG-073147	118	6	5	8	0
CONTIG-073148	87	5	6	9	0
CONTIG-073149	185	6	2	30	0
CONTIG-073150	156	6	12	23	0
CONTIG-073151	340	6	2	89	0
CONTIG-073152	83	6	4	20	0
CONTIG-073153	176	15	9	119	0
CONTIG-073154	76	5	9	14	0
CONTIG-073155	195	10	9	65	0
CONTIG-073159	390	8	10	35	6
CONTIG-073161	214	11	16	75	0
CONTIG-073165	123	4	3	14	0
CONTIG-073168	105	4	9	9	0
CONTIG-073169	200	5	17	23	0
CONTIG-073170	117	5	5	8	0
CONTIG-073171	176	9	6	58	0
CONTIG-073173	155	8	7	32	0
CONTIG-073174	59	7	3	0	0
CONTIG-073175	330	8	9	16	0
CONTIG-073176	87	6	10	8	0
CONTIG-073177	73	6	0	13	0
CONTIG-073178	81	4	10	5	0
CONTIG-073179	181	5	0	28	0
CONTIG-073180	111	5	10	9	0
CONTIG-073183	59	2	0	0	0
CONTIG-073184	77	16	10	33	0
CONTIG-073186	104	11	25	11	2
CONTIG-073187	62	10	2	22	0
CONTIG-073188	364	10	0	71	2
CONTIG-073189	85	3	6	5	0
CONTIG-073190	308	9	5	92	2
CONTIG-073191	152	5	4	21	5
CONTIG-073192	352	13	7	181	7
CONTIG-073194	69	7	5	6	0
CONTIG-073195	91	5	2	18	0
CONTIG-073196	75	5	3	4	0
CONTIG-073197	1189	13	20	880	0
CONTIG-073198	69	6	6	8	0
CONTIG-073199	77	7	6	11	0
CONTIG-073200	772	122	4	2	2137
CONTIG-073201	135	7	3	25	0
CONTIG-073202	83	3	2	5	0
CONTIG-073203	423	24	11	32	0
CONTIG-073204	77	4	4	0	0
CONTIG-073205	60	4	4	2	0
CONTIG-073206	416	10	23	128	0

CONTIG-073207	158	6	0	35	0
CONTIG-073208	60	4	6	10	0
CONTIG-073209	66	5	4	8	0
CONTIG-073210	82	8	0	8	2
CONTIG-073211	103	6	5	21	0
CONTIG-073212	69	4	0	9	0
CONTIG-073213	200	12	15	117	0
CONTIG-073214	339	11	10	109	0
CONTIG-073215	77	3	0	0	0
CONTIG-073218	118	9	2	23	0
CONTIG-073219	116	9	7	20	0
CONTIG-073220	77	22	11	38	0
CONTIG-073221	67	7	4	17	0
CONTIG-073222	60	2	0	0	0
CONTIG-073223	96	4	3	8	0
CONTIG-073224	87	4	0	16	0
CONTIG-073225	64	7	9	16	0
CONTIG-073228	277	7	4	39	0
CONTIG-073229	121	8	4	31	0
CONTIG-073230	129	6	0	19	2
CONTIG-073231	89	15	2	14	0
CONTIG-073232	149	5	5	21	0
CONTIG-073233	173	5	18	21	0
CONTIG-073234	158	11	3	60	0
CONTIG-073235	176	4	3	5	2
CONTIG-073236	306	14	13	122	0
CONTIG-073237	815	18	2	691	4
CONTIG-073238	140	5	9	15	0
CONTIG-073239	140	12	8	56	0
CONTIG-073240	284	7	6	26	0
CONTIG-073241	726	12	19	246	5
CONTIG-073242	112	11	0	62	0
CONTIG-073243	246	26	0	0	24
CONTIG-073244	135	71	2	2	56
CONTIG-073245	204	8	11	70	0
CONTIG-073246	162	5	5	11	0
CONTIG-073248	158	303	26	138	0
CONTIG-073249	197	12	7	53	4
CONTIG-073250	63	3	6	4	0
CONTIG-073251	87	4	2	4	0
CONTIG-073252	65	21	2	64	0
CONTIG-073253	75	3	7	3	0
CONTIG-073254	173	10	6	61	0
CONTIG-073255	76	26	9	118	0
CONTIG-073256	82	3	4	6	0
CONTIG-073257	174	6	0	11	0
CONTIG-073259	63	6	8	7	0

CONTIG-073260	66	8	0	12	2
CONTIG-073261	190	6	5	30	0
CONTIG-073262	356	13	2	161	0
CONTIG-073263	368	12	10	124	0
CONTIG-073264	101	10	0	25	0
CONTIG-073265	134	9	8	26	0
CONTIG-073266	302	13	8	55	0
CONTIG-073267	79	11	9	18	0
CONTIG-073268	191	7	15	43	0
CONTIG-073269	75	13	0	7	0
CONTIG-073270	90	4	0	14	0
CONTIG-073271	147	5	2	24	0
CONTIG-073272	85	4	8	0	0
CONTIG-073273	95	5	0	14	0
CONTIG-073274	168	9	15	32	0
CONTIG-073275	105	21	7	106	0
CONTIG-073276	63	3	2	0	0
CONTIG-073277	88	12	8	30	0
CONTIG-073278	89	15	6	17	2
CONTIG-073279	63	5	6	7	0
CONTIG-073280	127	7	9	31	0
CONTIG-073281	64	8	5	17	0
CONTIG-073282	68	3	4	6	0
CONTIG-073283	61	5	2	4	0
CONTIG-073284	103	6	0	19	0
CONTIG-073285	76	9	11	23	0
CONTIG-073286	140	10	16	34	0
CONTIG-073287	139	5	3	10	2
CONTIG-073288	60	7	0	19	0
CONTIG-073290	391	7	5	132	0
CONTIG-073291	82	4	8	9	0
CONTIG-073292	108	10	5	42	2
CONTIG-073293	150	6	2	16	0
CONTIG-073294	76	12	27	0	0
CONTIG-073295	65	7	6	9	0
CONTIG-073296	87	17	4	27	0
CONTIG-073297	82	3	16	0	0
CONTIG-073298	97	4	0	16	0
CONTIG-073300	38	8	2	12	0
CONTIG-073301	59	5	6	6	0
CONTIG-073302	197	6	13	24	0
CONTIG-073303	110	5	8	17	0
CONTIG-073306	154	16	12	84	0
CONTIG-073308	189	6	6	38	0
CONTIG-073309	64	7	5	8	0
CONTIG-073310	62	4	0	10	0
CONTIG-073311	103	16	0	22	0

CONTIG-073312	85	9	4	29	0
CONTIG-073313	113	5	9	15	0
CONTIG-073314	406	8	8	130	0
CONTIG-073315	62	4	0	10	0
CONTIG-073316	72	10	5	17	0
CONTIG-073318	143	9	13	42	0
CONTIG-073319	146	7	20	6	0
CONTIG-073320	76	10	6	25	0
CONTIG-073321	143	6	2	32	0
CONTIG-073322	565	11	37	107	0
CONTIG-073323	262	11	30	67	0
CONTIG-073324	79	8	15	16	0
CONTIG-073325	552	27	6	8	0
CONTIG-073326	91	3	0	9	0
CONTIG-073328	64	6	5	6	0
CONTIG-073329	80	5	2	17	0
CONTIG-073330	242	5	6	50	0
CONTIG-073331	115	13	5	33	0
CONTIG-073332	410	30	8	573	0
CONTIG-073333	103	4	2	6	0
CONTIG-073334	98	8	8	24	0
CONTIG-073337	276	6	0	56	0
CONTIG-073338	62	4	2	0	0
CONTIG-073339	133	8	8	45	0
CONTIG-073340	243	5	4	23	0
CONTIG-073341	84	3	3	7	0
CONTIG-073342	82	6	2	5	0
CONTIG-073343	84	6	4	23	0
CONTIG-073344	256	5	0	15	0
CONTIG-073345	73	6	18	4	0
CONTIG-073346	243	7	4	49	0
CONTIG-073347	88	27	2	69	0
CONTIG-073348	69	26	5	62	2
CONTIG-073349	90	18	26	67	0
CONTIG-073350	142	11	2	31	0
CONTIG-073351	84	5	0	15	0
CONTIG-073352	95	5	0	16	0
CONTIG-073353	126	5	4	16	0
CONTIG-073354	81	9	2	6	2
CONTIG-073355	130	9	2	37	2
CONTIG-073356	101	4	0	15	0
CONTIG-073357	99	6	5	13	0
CONTIG-073358	70	3	5	0	0
CONTIG-073359	248	10	14	56	0
CONTIG-073360	128	11	21	42	0
CONTIG-073361	134	21	2	2	0
CONTIG-073362	106	7	7	12	0

CONTIG-073364	164	9	4	18	0
CONTIG-073365	256	9	7	78	10
CONTIG-073366	89	3	8	0	0
CONTIG-073367	444	28	4	0	0
CONTIG-073368	67	7	12	4	0
CONTIG-073369	125	3	2	4	0
CONTIG-073370	82	4	2	9	0
CONTIG-073371	204	6	9	34	0
CONTIG-073372	120	3	2	4	0
CONTIG-073374	62	13	10	13	0
CONTIG-073375	269	6	30	24	0
CONTIG-073376	120	14	6	70	0
CONTIG-073377	157	4	7	4	0
CONTIG-073379	67	7	11	0	0
CONTIG-073380	114	9	9	45	0
CONTIG-073381	181	21	10	25	0
CONTIG-073382	104	12	0	26	0
CONTIG-073383	112	6	0	14	0
CONTIG-073384	59	3	2	2	0
CONTIG-073385	72	4	11	0	0
CONTIG-073386	934	37	2	9	0
CONTIG-073387	257	8	11	64	0
CONTIG-073388	78	5	2	4	0
CONTIG-073389	194	11	3	73	0
CONTIG-073391	94	7	6	25	0
CONTIG-073392	104	15	20	43	0
CONTIG-073393	118	137	0	0	378
CONTIG-073394	126	4	3	14	0
CONTIG-073395	101	5	6	10	0
CONTIG-073396	72	15	9	27	0
CONTIG-073397	68	3	2	8	0
CONTIG-073398	82	9	0	24	0
CONTIG-073399	92	4	4	6	0
CONTIG-073400	108	4	3	2	0
CONTIG-073401	64	4	0	13	0
CONTIG-073402	250	8	15	51	0
CONTIG-073403	259	10	31	113	2
CONTIG-073404	171	9	0	13	0
CONTIG-073406	102	5	2	9	0
CONTIG-073407	376	11	47	174	0
CONTIG-073408	118	17	2	87	0
CONTIG-073409	100	9	7	28	0
CONTIG-073416	134	6	2	18	0
CONTIG-073417	193	4	2	7	0
CONTIG-073418	113	7	16	17	0
CONTIG-073419	68	5	12	7	0
CONTIG-073420	267	7	2	58	0

CONTIG-073421	113	3	5	8	0
CONTIG-073422	398	35	22	29	0
CONTIG-073423	101	7	2	0	2
CONTIG-073424	269	7	43	62	0
CONTIG-073425	74	5	0	2	0
CONTIG-073426	182	12	7	84	0
CONTIG-073427	69	5	0	12	0
CONTIG-073428	91	5	0	10	0
CONTIG-073429	100	6	2	13	0
CONTIG-073431	98	16	3	47	0
CONTIG-073432	258	7	3	64	0
CONTIG-073434	69	10	6	6	0
CONTIG-073435	252	7	4	81	0
CONTIG-073436	177	7	12	39	0
CONTIG-073439	81	3	6	5	0
CONTIG-073440	90	8	3	15	0
CONTIG-073441	127	13	4	73	0
CONTIG-073443	195	8	3	39	0
CONTIG-073444	323	10	23	94	0
CONTIG-073445	90	5	2	12	0
CONTIG-073446	91	5	9	8	0
CONTIG-073447	257	6	11	50	0
CONTIG-073449	105	14	7	17	0
CONTIG-073450	79	9	3	29	0
CONTIG-073451	80	9	10	29	0
CONTIG-073452	166	6	6	30	0
CONTIG-073453	61	8	13	10	0
CONTIG-073454	182	10	4	50	0
CONTIG-073456	76	5	5	10	0
CONTIG-073457	168	5	12	13	0
CONTIG-073458	72	12	8	18	2
CONTIG-073459	231	7	12	34	2
CONTIG-073460	243	5	9	39	0
CONTIG-073461	115	15	0	74	0
CONTIG-073462	74	9	12	9	0
CONTIG-073463	159	4	2	0	2
CONTIG-073464	103	4	5	4	0
CONTIG-073466	98	9	2	37	0
CONTIG-073467	118	7	8	26	0
CONTIG-073468	74	6	4	11	0
CONTIG-073469	112	8	6	29	0
CONTIG-073470	279	8	9	42	2
CONTIG-073471	142	7	4	11	0
CONTIG-073472	231	8	2	21	0
CONTIG-073473	251	9	0	106	2
CONTIG-073474	179	11	6	32	0
CONTIG-073475	115	13	11	48	0

CONTIG-073476	275	8	2	46	0
CONTIG-073477	82	4	9	2	0
CONTIG-073478	71	14	11	34	0
CONTIG-073479	84	5	3	9	0
CONTIG-073480	54	659	18	727	0
CONTIG-073481	92	9	2	20	0
CONTIG-073482	244	8	10	20	0
CONTIG-073483	132	7	5	21	0
CONTIG-073484	134	7	12	20	0
CONTIG-073485	72	8	6	9	0
CONTIG-073488	134	5	5	20	0
CONTIG-073489	151	6	6	35	0
CONTIG-073490	58	10	4	14	2
CONTIG-073491	177	9	0	2	0
CONTIG-073492	38	5	0	0	0
CONTIG-073493	68	5	3	11	0
CONTIG-073494	143	19	10	105	0
CONTIG-073495	138	5	4	23	0
CONTIG-073496	64	6	2	11	0
CONTIG-073497	217	12	31	13	0
CONTIG-073498	85	5	5	13	0
CONTIG-073499	63	2	2	2	0
CONTIG-073500	133	10	0	0	5
CONTIG-073501	58	33	10	75	4
CONTIG-073502	330	15	9	256	0
CONTIG-073503	91	9	11	25	0
CONTIG-073504	68	6	0	0	0
CONTIG-073505	60	7	0	9	0
CONTIG-073507	64	31	8	68	0
CONTIG-073508	69	7	2	15	0
CONTIG-073509	67	2	0	3	0
CONTIG-073511	115	8	9	36	0
CONTIG-073512	201	14	12	73	0
CONTIG-073513	69	2	2	0	0
CONTIG-073514	75	6	3	10	0
CONTIG-073515	68	5	2	8	0
CONTIG-073516	193	8	5	30	0
CONTIG-073517	106	11	19	58	0
CONTIG-073518	155	9	4	46	0
CONTIG-073519	73	5	8	8	0
CONTIG-073520	67	8	0	11	0
CONTIG-073521	59	4	4	2	0
CONTIG-073522	85	6	7	4	0
CONTIG-073525	201	5	7	22	0
CONTIG-073526	126	7	21	4	0
CONTIG-073527	77	6	2	15	2
CONTIG-073528	431	25	15	28	0

CONTIG-073529	125	6	2	17	0
CONTIG-073531	258	7	7	59	0
CONTIG-073532	83	9	14	17	0
CONTIG-073533	100	12	9	38	0
CONTIG-073534	325	11	7	119	2
CONTIG-073535	163	6	14	0	0
CONTIG-073536	99	6	10	0	0
CONTIG-073537	63	7	6	4	0
CONTIG-073538	58	6	8	12	0
CONTIG-073539	147	13	0	90	2
CONTIG-073540	87	5	0	13	0
CONTIG-073541	112	33	8	40	0
CONTIG-073542	96	4	0	7	0
CONTIG-073543	250	6	0	0	4
CONTIG-073544	149	10	0	32	0
CONTIG-073545	205	7	4	29	0
CONTIG-073546	251	31	10	334	0
CONTIG-073547	90	14	12	10	0
CONTIG-073548	229	5	4	35	0
CONTIG-073549	81	2	2	0	0
CONTIG-073550	191	90	5	0	394
CONTIG-073555	106	19	25	87	0
CONTIG-073556	73	5	2	4	0
CONTIG-073557	220	8	15	18	0
CONTIG-073558	76	7	10	8	0
CONTIG-073559	80	6	5	7	0
CONTIG-073560	101	6	17	10	0
CONTIG-073561	58	6	0	4	0
CONTIG-073562	187	8	18	30	0
CONTIG-073563	76	10	0	24	0
CONTIG-073564	121	9	0	26	0
CONTIG-073565	202	18	0	110	4
CONTIG-073566	185	7	2	28	2
CONTIG-073567	72	6	0	10	2
CONTIG-073568	94	7	0	13	0
CONTIG-073569	169	4	2	8	0
CONTIG-073570	152	8	2	44	0
CONTIG-073571	101	14	10	33	0
CONTIG-073572	90	11	4	35	0
CONTIG-073573	73	4	9	0	2
CONTIG-073574	260	18	26	27	0
CONTIG-073575	258	9	4	64	0
CONTIG-073576	88	7	2	7	0
CONTIG-073577	365	6	3	85	0
CONTIG-073578	116	11	8	13	2
CONTIG-073579	109	10	4	0	0
CONTIG-073580	91	10	2	7	4

CONTIG-073582	131	5	9	9	0
CONTIG-073583	79	7	4	13	0
CONTIG-073584	386	22	0	363	0
CONTIG-073585	100	3	2	6	0
CONTIG-073587	186	6	8	28	0
CONTIG-073588	81	4	5	4	0
CONTIG-073589	70	5	4	7	0
CONTIG-073590	80	3	0	13	0
CONTIG-073591	107	5	6	7	0
CONTIG-073592	111	5	2	10	0
CONTIG-073593	162	4	3	8	0
CONTIG-073594	64	4	7	6	0
CONTIG-073595	92	5	3	13	0
CONTIG-073596	68	7	4	17	0
CONTIG-073597	84	9	3	0	0
CONTIG-073598	267	8	17	55	0
CONTIG-073599	66	5	4	16	0
CONTIG-073600	635	15	6	27	2
CONTIG-073601	145	8	0	36	0
CONTIG-073602	95	3	2	0	0
CONTIG-073605	246	7	13	64	0
CONTIG-073606	321	4	0	18	0
CONTIG-073607	279	10	22	76	0
CONTIG-073608	114	11	6	63	0
CONTIG-073609	94	8	12	24	0
CONTIG-073610	205	14	12	85	2
CONTIG-073611	88	7	3	7	0
CONTIG-073612	89	8	0	14	0
CONTIG-073613	98	4	0	0	0
CONTIG-073614	83	5	7	0	0
CONTIG-073616	148	7	6	16	0
CONTIG-073617	237	5	18	40	0
CONTIG-073618	80	13	13	47	0
CONTIG-073620	95	8	2	37	0
CONTIG-073621	84	3	0	7	0
CONTIG-073622	65	7	17	7	0
CONTIG-073623	229	7	4	34	0
CONTIG-073624	106	12	2	44	2
CONTIG-073625	222	5	15	26	0
CONTIG-073626	216	8	14	44	0
CONTIG-073627	67	6	4	8	0
CONTIG-073628	175	10	15	45	0
CONTIG-073629	221	8	6	46	0
CONTIG-073630	70	9	3	8	0
CONTIG-073631	198	5	2	0	6
CONTIG-073632	120	5	5	18	0
CONTIG-073633	105	5	6	9	0

CONTIG-073634	109	8	9	20	0
CONTIG-073635	352	9	6	113	0
CONTIG-073636	140	4	9	8	0
CONTIG-073637	93	5	5	8	0
CONTIG-073638	118	22	2	20	0
CONTIG-073639	223	18	0	0	0
CONTIG-073640	78	2	3	2	0
CONTIG-073641	574	10	23	210	2
CONTIG-073642	94	5	4	11	0
CONTIG-073643	109	5	0	23	0
CONTIG-073644	96	9	5	20	0
CONTIG-073645	65	14	18	18	0
CONTIG-073646	370	11	14	166	0
CONTIG-073647	136	10	6	40	0
CONTIG-073648	201	9	8	65	0
CONTIG-073650	143	5	2	18	0
CONTIG-073651	350	9	22	102	4
CONTIG-073652	61	2	2	0	0
CONTIG-073653	231	11	15	12	0
CONTIG-073654	512	15	41	391	0
CONTIG-073655	128	6	8	19	0
CONTIG-073656	244	4	2	16	0
CONTIG-073657	174	6	6	17	2
CONTIG-073658	187	20	9	74	2
CONTIG-073659	78	10	23	5	0
CONTIG-073661	419	22	52	348	0
CONTIG-073662	112	6	11	12	0
CONTIG-073663	281	6	7	29	0
CONTIG-073664	137	8	2	22	0
CONTIG-073665	92	16	18	61	0
CONTIG-073666	196	9	9	45	0
CONTIG-073667	80	8	3	9	0
CONTIG-073668	100	6	3	15	2
CONTIG-073669	104	5	15	8	0
CONTIG-073670	75	5	5	2	0
CONTIG-073671	154	6	4	0	5
CONTIG-073672	301	21	46	160	4
CONTIG-073673	107	7	2	17	2
CONTIG-073674	131	4	18	4	0
CONTIG-073675	122	6	2	12	0
CONTIG-073676	131	9	9	26	2
CONTIG-073677	81	3	0	0	0
CONTIG-073678	95	3	5	3	0
CONTIG-073679	281	7	4	85	0
CONTIG-073680	58	873	2	0	1188
CONTIG-073681	91	6	7	20	0
CONTIG-073682	68	2	5	2	0

CONTIG-073683	101	8	19	3	0
CONTIG-073684	130	9	8	37	0
CONTIG-073685	46	23	0	57	0
CONTIG-073688	96	9	18	18	0
CONTIG-073689	75	14	16	32	0
CONTIG-073690	59	4	7	2	0
CONTIG-073694	244	11	3	0	13
CONTIG-073695	65	5	5	0	0
CONTIG-073696	59	5	0	2	0
CONTIG-073697	63	4	0	9	0
CONTIG-073698	128	6	18	16	0
CONTIG-073699	166	8	5	48	0
CONTIG-073700	77	5	0	7	2
CONTIG-073701	78	3	3	2	0
CONTIG-073702	46	4	0	0	2
CONTIG-073703	246	18	17	87	4
CONTIG-073704	107	10	2	37	0
CONTIG-073705	88	3	0	8	0
CONTIG-073706	240	15	15	101	2
CONTIG-073707	125	3	5	3	0
CONTIG-073708	65	10	6	9	0
CONTIG-073709	69	183	5	579	0
CONTIG-073710	146	6	7	26	0
CONTIG-073711	63	11	2	22	0
CONTIG-073712	88	31	2	0	45
CONTIG-073713	154	12	4	50	0
CONTIG-073714	96	3	0	5	0
CONTIG-073715	81	6	9	10	0
CONTIG-073716	169	5	16	16	0
CONTIG-073718	92	4	8	8	0
CONTIG-073719	212	25	29	169	2
CONTIG-073720	59	3	0	7	0
CONTIG-073721	72	12	16	0	0
CONTIG-073722	65	7	2	12	0
CONTIG-073723	173	8	5	38	0
CONTIG-073724	133	10	3	46	0
CONTIG-073725	104	4	3	11	0
CONTIG-073726	94	7	8	11	0
CONTIG-073727	63	3	0	0	0
CONTIG-073728	243	11	12	116	0
CONTIG-073729	161	8	12	43	0
CONTIG-073730	159	15	9	61	0
CONTIG-073731	108	4	2	13	0
CONTIG-073732	165	6	14	28	0
CONTIG-073734	65	10	3	23	0
CONTIG-073735	127	7	0	0	0
CONTIG-073736	156	4	4	15	0

CONTIG-073737	63	1717	14	181	2793
CONTIG-073738	204	8	6	54	0
CONTIG-073739	67	6	9	0	0
CONTIG-073740	101	6	7	14	0
CONTIG-073741	522	28	34	487	30
CONTIG-073742	80	10	0	2	0
CONTIG-073743	67	22	12	64	0
CONTIG-073744	65	9	3	14	0
CONTIG-073745	243	37	2	5	0
CONTIG-073746	155	6	5	17	0
CONTIG-073747	190	5	12	38	0
CONTIG-073748	130	5	5	17	0
CONTIG-073749	268	5	4	43	3
CONTIG-073750	738	42	2	0	163
CONTIG-073751	192	4	4	20	0
CONTIG-073752	81	17	42	45	0
CONTIG-073753	71	1548	58	261	2769
CONTIG-073754	65	10	4	15	0
CONTIG-073755	757	10	31	121	2
CONTIG-073756	233	6	16	46	0
CONTIG-073757	217	10	2	87	0
CONTIG-073758	99	23	14	118	0
CONTIG-073759	99	4	0	4	0
CONTIG-073760	67	4	2	7	0
CONTIG-073761	73	4	5	2	0
CONTIG-073762	375	9	16	132	0
CONTIG-073763	107	8	2	15	0
CONTIG-073764	69	16	33	11	0
CONTIG-073765	182	9	2	21	0
CONTIG-073766	75	4	0	3	0
CONTIG-073767	58	3	0	4	0
CONTIG-073769	89	5	10	0	0
CONTIG-073771	66	7	6	6	0
CONTIG-073773	110	5	4	13	0
CONTIG-073774	112	8	21	11	0
CONTIG-073775	83	7	2	19	0
CONTIG-073776	101	5	7	16	0
CONTIG-073777	92	9	2	8	0
CONTIG-073778	378	8	8	52	5
CONTIG-073779	62	3	11	0	0
CONTIG-073780	73	3	0	6	0
CONTIG-073781	115	5	2	13	0
CONTIG-073783	60	7	15	8	0
CONTIG-073784	64	3	5	2	0
CONTIG-073785	80	5	9	0	0
CONTIG-073786	63	5	5	3	0
CONTIG-073787	206	14	0	0	16

CONTIG-073788	271	7	11	30	0
CONTIG-073790	193	9	9	63	0
CONTIG-073791	225	8	5	22	0
CONTIG-073792	209	9	5	59	0
CONTIG-073793	59	5	6	10	0
CONTIG-073794	71	44	4	108	0
CONTIG-073795	68	6	2	13	0
CONTIG-073796	92	7	5	18	0
CONTIG-073797	68	9	0	12	0
CONTIG-073798	250	13	19	108	0
CONTIG-073799	160	7	6	32	0
CONTIG-073800	107	21	4	46	2
CONTIG-073802	184	7	12	34	0
CONTIG-073803	90	6	2	13	0
CONTIG-073804	99	6	11	15	0
CONTIG-073805	154	9	2	35	0
CONTIG-073806	200	18	7	184	0
CONTIG-073807	366	7	14	50	0
CONTIG-073808	123	6	5	16	0
CONTIG-073812	75	3	3	2	0
CONTIG-073814	58	5	14	4	0
CONTIG-073816	125	7	13	13	0
CONTIG-073817	134	16	25	57	4
CONTIG-073818	271	7	10	18	0
CONTIG-073819	48	667	2	0	54
CONTIG-073820	192	7	13	2	0
CONTIG-073821	181	10	2	62	2
CONTIG-073822	230	17	7	72	0
CONTIG-073823	132	11	0	41	0
CONTIG-073824	72	5	2	12	0
CONTIG-073827	80	7	2	9	0
CONTIG-073829	102	6	0	21	0
CONTIG-073830	83	5	6	16	0
CONTIG-073831	339	14	11	258	2
CONTIG-073832	74	6	2	9	0
CONTIG-073833	131	10	0	31	2
CONTIG-073834	61	4	5	2	0
CONTIG-073835	65	3	11	4	0
CONTIG-073836	146	14	0	0	7
CONTIG-073837	39	22	0	0	6
CONTIG-073838	65	4	2	5	0
CONTIG-073839	112	7	16	27	0
CONTIG-073840	86	10	4	39	0
CONTIG-073842	413	8	11	90	0
CONTIG-073843	50	104	3	270	0
CONTIG-073844	145	5	0	24	0
CONTIG-073845	113	6	2	23	0

CONTIG-073846	198	14	5	110	0
CONTIG-073848	100	5	4	13	0
CONTIG-073849	173	6	24	25	0
CONTIG-073850	125	6	2	28	0
CONTIG-073851	130	11	21	48	0
CONTIG-073852	347	15	10	255	0
CONTIG-073853	297	5	33	17	0
CONTIG-073854	72	7	14	5	0
CONTIG-073855	103	12	2	36	0
CONTIG-073856	66	5	0	7	0
CONTIG-073857	73	15	2	52	0
CONTIG-073859	116	6	7	23	0
CONTIG-073860	108	3	2	12	0
CONTIG-073862	160	11	6	7	2
CONTIG-073869	76	3	0	6	0
CONTIG-073870	94	9	3	21	0
CONTIG-073871	81	5	15	0	0
CONTIG-073872	76	12	7	21	0
CONTIG-073873	143	9	8	14	0
CONTIG-073874	78	8	0	21	2
CONTIG-073876	114	6	5	15	0
CONTIG-073877	78	6	0	10	0
CONTIG-073878	106	15	4	69	0
CONTIG-073879	134	4	0	20	0
CONTIG-073880	377	18	16	302	2
CONTIG-073881	60	2	0	2	0
CONTIG-073882	81	3	4	6	0
CONTIG-073883	254	9	4	75	0
CONTIG-073884	74	105	5	181	20
CONTIG-073885	164	12	4	56	0
CONTIG-073886	171	7	20	8	2
CONTIG-073887	364	30	3	0	63
CONTIG-073888	88	14	16	34	0
CONTIG-073889	768	15	15	0	134
CONTIG-073890	102	8	5	12	0
CONTIG-073891	58	4	4	2	0
CONTIG-073892	119	10	19	14	2
CONTIG-073893	81	7	3	21	0
CONTIG-073894	221	16	9	127	0
CONTIG-073895	153	6	8	33	0
CONTIG-073896	631	12	3	409	0
CONTIG-073898	85	6	7	8	0
CONTIG-073900	106	6	3	15	0
CONTIG-073901	225	12	0	88	0
CONTIG-073902	112	7	5	31	2
CONTIG-073903	196	8	6	27	2
CONTIG-073904	227	127	2	319	2

CONTIG-073905	537	30	35	330	22
CONTIG-073906	93	7	3	27	0
CONTIG-073907	62	4	4	0	0
CONTIG-073908	168	5	14	9	0
CONTIG-073909	362	5	2	81	0
CONTIG-073910	39	33	4	0	0
CONTIG-073911	249	5	5	21	0
CONTIG-073912	147	8	6	10	0
CONTIG-073913	235	31	7	0	0
CONTIG-073914	89	5	4	4	0
CONTIG-073915	240	4	4	38	0
CONTIG-073916	63	3	2	4	0
CONTIG-073918	83	4	11	2	0
CONTIG-073919	345	6	2	44	2
CONTIG-073920	91	5	2	20	0
CONTIG-073921	77	5	4	10	0
CONTIG-073922	374	10	13	118	0
CONTIG-073923	119	7	4	22	2
CONTIG-073924	121	8	5	29	0
CONTIG-073925	91	4	0	4	0
CONTIG-073926	129	111	0	470	0
CONTIG-073927	81	4	0	11	0
CONTIG-073928	117	6	2	20	0
CONTIG-073929	130	10	4	41	0
CONTIG-073931	192	4	0	22	0
CONTIG-073932	298	32	21	51	0
CONTIG-073934	240	11	12	82	2
CONTIG-073935	182	8	7	56	2
CONTIG-073936	84	9	8	20	0
CONTIG-073937	151	10	12	60	0
CONTIG-073939	107	10	11	38	0
CONTIG-073940	60	5	8	8	0
CONTIG-073941	135	8	7	34	0
CONTIG-073942	88	8	3	14	0
CONTIG-073944	183	6	13	47	0
CONTIG-073947	88	9	3	13	0
CONTIG-073948	134	10	4	28	2
CONTIG-073949	143	5	10	9	0
CONTIG-073950	106	5	2	15	0
CONTIG-073951	136	6	0	0	3
CONTIG-073952	237	7	2	37	0
CONTIG-073953	654	10	6	252	0
CONTIG-073954	157	9	11	32	0
CONTIG-073955	145	8	16	39	0
CONTIG-073956	83	6	2	0	0
CONTIG-073957	247	6	2	40	0
CONTIG-073958	132	11	14	56	4

CONTIG-073959	67	5	0	10	0
CONTIG-073961	228	11	3	106	0
CONTIG-073962	291	12	0	0	12
CONTIG-073963	120	5	2	19	0
CONTIG-073964	213	14	25	43	0
CONTIG-073965	194	6	9	43	0
CONTIG-073966	134	7	9	16	0
CONTIG-073967	313	41	8	755	2
CONTIG-073968	108	10	19	13	3
CONTIG-073969	130	11	10	34	0
CONTIG-073970	93	8	4	27	0
CONTIG-073971	73	8	13	8	0
CONTIG-073972	73	4	2	6	0
CONTIG-073973	100	6	4	22	0
CONTIG-073974	135	4	3	21	0
CONTIG-073975	126	9	8	48	0
CONTIG-073976	251	6	5	52	0
CONTIG-073977	140	6	11	28	0
CONTIG-073978	70	5	12	4	0
CONTIG-073979	69	3	5	4	0
CONTIG-073981	228	8	0	53	0
CONTIG-073982	89	4	3	4	0
CONTIG-073983	175	7	16	42	4
CONTIG-073984	83	4	4	12	0
CONTIG-073986	60	10	7	8	0
CONTIG-073987	222	7	0	49	0
CONTIG-073988	335	26	12	20	0
CONTIG-073989	223	19	31	161	2
CONTIG-073990	89	4	4	10	0
CONTIG-073997	82	6	10	5	0
CONTIG-073998	62	4	0	12	0
CONTIG-073999	56	1298	5	0	1742
CONTIG-074000	82	3	16	4	0
CONTIG-074001	83	6	4	17	0
CONTIG-074002	191	22	5	233	0
CONTIG-074003	59	4	4	7	0
CONTIG-074004	61	3	0	6	0
CONTIG-074005	69	8	2	15	0
CONTIG-074006	117	4	2	12	0
CONTIG-074007	89	5	4	15	0
CONTIG-074008	58	11	12	20	0
CONTIG-074009	142	7	11	28	0
CONTIG-074010	99	6	0	2	0
CONTIG-074011	85	4	4	0	0
CONTIG-074012	518	8	4	2	0
CONTIG-074013	154	4	0	6	0
CONTIG-074015	372	14	39	247	0

CONTIG-074016	216	8	12	59	0
CONTIG-074017	65	4	2	0	0
CONTIG-074018	59	7	3	8	0
CONTIG-074019	74	10	4	37	0
CONTIG-074020	72	3	0	2	0
CONTIG-074021	204	6	0	6	0
CONTIG-074022	205	10	19	52	0
CONTIG-074023	806	12	5	31	0
CONTIG-074024	203	7	11	4	0
CONTIG-074025	39	58	5	62	0
CONTIG-074027	138	13	13	14	0
CONTIG-074028	166	13	0	59	0
CONTIG-074029	471	128	3	0	1613
CONTIG-074030	99	24	0	6	0
CONTIG-074031	188	179	5	387	17
CONTIG-074032	218	5	6	17	0
CONTIG-074038	196	9	7	50	0
CONTIG-074040	93	3	0	6	0
CONTIG-074041	212	9	8	44	0
CONTIG-074042	382	261	23	7	0
CONTIG-074043	107	6	2	8	0
CONTIG-074044	60	5	6	0	0
CONTIG-074045	204	8	9	26	0
CONTIG-074051	212	5	0	31	0
CONTIG-074054	82	7	5	13	0
CONTIG-074058	121	5	2	2	0
CONTIG-074059	139	5	4	27	0
CONTIG-074060	66	3	3	7	0
CONTIG-074061	93	16	18	9	0
CONTIG-074062	72	6	0	9	0
CONTIG-074063	61	5	5	5	0
CONTIG-074064	153	5	12	17	0
CONTIG-074065	141	8	7	34	0
CONTIG-074066	60	17	22	0	2
CONTIG-074068	103	8	12	14	0
CONTIG-074069	125	6	6	17	0
CONTIG-074070	133	6	5	28	0
CONTIG-074071	126	43	12	285	4
CONTIG-074072	211	10	7	30	0
CONTIG-074073	87	4	3	3	0
CONTIG-074074	100	6	22	0	0
CONTIG-074076	328	5	11	39	0
CONTIG-074077	81	8	3	28	0
CONTIG-074078	71	5	2	10	2
CONTIG-074080	151	9	9	37	0
CONTIG-074081	275	6	7	51	0
CONTIG-074082	148	8	4	27	0

CONTIG-074083	86	10	8	22	0
CONTIG-074084	137	5	3	16	2
CONTIG-074085	449	8	3	4	0
CONTIG-074086	37	34	0	42	0
CONTIG-074087	75	10	8	26	0
CONTIG-074088	83	3	0	2	0
CONTIG-074089	97	5	2	15	0
CONTIG-074090	58	16	3	10	2
CONTIG-074091	118	7	7	12	0
CONTIG-074092	109	10	24	12	0
CONTIG-074093	277	5	7	23	4
CONTIG-074094	91	11	21	12	0
CONTIG-074095	63	5	6	0	0
CONTIG-074096	59	4	6	2	0
CONTIG-074097	100	10	4	35	0
CONTIG-074098	71	5	0	15	0
CONTIG-074099	108	8	5	32	0
CONTIG-074100	91	5	0	12	0
CONTIG-074101	134	15	10	89	0
CONTIG-074102	172	6	11	25	0
CONTIG-074103	65	5	0	5	0
CONTIG-074104	163	5	8	10	0
CONTIG-074105	72	9	21	4	0
CONTIG-074106	68	6	7	11	0
CONTIG-074107	317	23	0	25	0
CONTIG-074108	137	5	3	14	0
CONTIG-074111	90	6	0	11	0
CONTIG-074112	63	5	2	6	0
CONTIG-074113	133	3	5	10	0
CONTIG-074114	81	9	0	9	0
CONTIG-074115	161	9	6	46	0
CONTIG-074116	116	13	10	23	0
CONTIG-074117	105	18	4	95	0
CONTIG-074118	80	3	6	2	0
CONTIG-074119	69	5	2	4	0
CONTIG-074120	143	11	2	76	0
CONTIG-074122	144	8	8	28	0
CONTIG-074123	255	11	5	100	0
CONTIG-074124	63	15	7	23	0
CONTIG-074125	65	13	16	17	0
CONTIG-074126	127	29	7	121	0
CONTIG-074127	64	4	3	8	0
CONTIG-074128	109	20	10	50	0
CONTIG-074129	238	7	3	41	0
CONTIG-074130	71	5	2	13	0
CONTIG-074131	334	17	25	145	2
CONTIG-074132	106	6	7	20	0

CONTIG-074133	107	7	7	26	0
CONTIG-074134	198	10	12	70	0
CONTIG-074135	99	4	4	4	0
CONTIG-074136	371	14	15	144	0
CONTIG-074137	80	13	2	0	2
CONTIG-074138	111	6	0	35	0
CONTIG-074139	231	11	36	24	2
CONTIG-074140	125	7	19	24	0
CONTIG-074141	72	7	0	18	0
CONTIG-074142	93	7	12	21	0
CONTIG-074143	243	9	25	21	0
CONTIG-074144	83	4	7	6	0
CONTIG-074145	404	7	23	67	0
CONTIG-074146	75	6	5	12	0
CONTIG-074147	66	3	2	2	0
CONTIG-074148	60	3	0	2	0
CONTIG-074149	121	4	17	9	0
CONTIG-074150	75	11	8	17	0
CONTIG-074151	219	8	5	36	0
CONTIG-074152	224	7	5	39	0
CONTIG-074153	69	5	0	5	0
CONTIG-074154	136	9	2	46	0
CONTIG-074155	80	5	4	11	0
CONTIG-074157	313	11	23	100	0
CONTIG-074158	124	17	2	35	0
CONTIG-074159	76	11	0	16	0
CONTIG-074160	232	10	3	53	0
CONTIG-074161	92	3	7	0	0
CONTIG-074162	77	8	17	10	0
CONTIG-074163	107	13	12	60	0
CONTIG-074164	60	3	2	0	0
CONTIG-074165	79	4	2	8	0
CONTIG-074166	73	10	8	20	0
CONTIG-074167	113	5	3	13	0
CONTIG-074168	38	2028	0	1224	0
CONTIG-074169	235	24	21	238	0
CONTIG-074171	255	48	11	184	7
CONTIG-074172	129	6	0	9	3
CONTIG-074173	123	7	7	26	0
CONTIG-074174	77	6	4	8	0
CONTIG-074175	75	11	19	14	0
CONTIG-074176	104	5	7	14	0
CONTIG-074177	610	10	17	175	0
CONTIG-074178	119	6	4	18	0
CONTIG-074183	72	5	5	4	0
CONTIG-074184	115	4	2	12	0
CONTIG-074185	50	86	4	192	0

CONTIG-074186	105	673	14	14	2
CONTIG-074187	225	239	0	0	243
CONTIG-074188	63	7	12	3	0
CONTIG-074189	152	9	3	41	0
CONTIG-074190	88	4	5	2	0
CONTIG-074193	65	7	4	11	0
CONTIG-074194	78	11	15	34	0
CONTIG-074195	157	7	3	40	0
CONTIG-074196	104	5	0	22	0
CONTIG-074197	169	7	0	38	0
CONTIG-074198	103	6	10	2	0
CONTIG-074200	590	14	2	299	0
CONTIG-074201	99	4	13	6	0
CONTIG-074202	98	5	6	2	0
CONTIG-074203	196	10	9	56	0
CONTIG-074204	146	10	5	48	0
CONTIG-074205	83	9	17	7	0
CONTIG-074206	180	20	9	148	2
CONTIG-074207	145	3	2	19	0
CONTIG-074208	102	3	0	0	0
CONTIG-074209	111	5	6	9	0
CONTIG-074211	89	5	5	20	0
CONTIG-074214	80	4	5	2	0
CONTIG-074216	88	4	5	11	0
CONTIG-074218	82	4	0	14	0
CONTIG-074219	126	8	2	34	0
CONTIG-074220	125	4	4	17	0
CONTIG-074221	185	11	22	41	0
CONTIG-074222	95	10	2	39	0
CONTIG-074223	67	5	20	0	0
CONTIG-074224	61	3	7	0	0
CONTIG-074225	60	4	10	4	0
CONTIG-074226	137	8	4	11	0
CONTIG-074227	92	3	5	0	2
CONTIG-074228	67	8	7	14	0
CONTIG-074229	211	8	10	80	0
CONTIG-074230	62	3	3	2	0
CONTIG-074231	134	13	28	10	2
CONTIG-074232	103	10	22	15	0
CONTIG-074236	73	8	4	21	0
CONTIG-074237	99	7	2	20	0
CONTIG-074238	127	8	5	32	0
CONTIG-074239	64	5	2	0	0
CONTIG-074241	92	6	4	14	0
CONTIG-074243	81	3	0	0	0
CONTIG-074244	107	6	4	12	2
CONTIG-074245	66	7	13	3	0

CONTIG-074246	136	9	25	16	0
CONTIG-074249	151	4	4	15	0
CONTIG-074250	85	4	11	2	0
CONTIG-074251	333	20	35	222	4
CONTIG-074252	143	4	4	4	0
CONTIG-074253	183	7	8	20	0
CONTIG-074254	159	8	2	41	0
CONTIG-074255	79	4	6	11	0
CONTIG-074256	130	19	8	55	0
CONTIG-074257	194	9	2	41	0
CONTIG-074258	61	6	0	9	2
CONTIG-074259	117	5	2	18	0
CONTIG-074260	100	3	0	7	0
CONTIG-074261	241	6	21	41	0
CONTIG-074262	136	6	5	31	0
CONTIG-074263	103	8	12	30	0
CONTIG-074264	115	5	0	4	0
CONTIG-074265	95	5	16	2	0
CONTIG-074266	107	8	5	18	0
CONTIG-074267	208	9	4	41	2
CONTIG-074268	67	5	10	0	0
CONTIG-074269	119	6	2	25	0
CONTIG-074270	319	12	0	0	0
CONTIG-074271	78	3	3	5	0
CONTIG-074272	149	9	15	47	0
CONTIG-074274	102	8	3	26	2
CONTIG-074275	126	4	11	6	0
CONTIG-074276	81	7	5	4	0
CONTIG-074278	88	16	16	46	0
CONTIG-074279	150	9	8	29	0
CONTIG-074280	80	8	5	19	0
CONTIG-074282	60	16	18	0	0
CONTIG-074284	58	7	0	8	0
CONTIG-074285	146	13	19	68	0
CONTIG-074286	193	7	12	26	0
CONTIG-074287	62	5	8	0	0
CONTIG-074288	314	10	23	94	0
CONTIG-074289	44	9	2	2	0
CONTIG-074290	63	8	2	14	0
CONTIG-074292	80	7	2	13	0
CONTIG-074293	111	6	7	28	0
CONTIG-074294	143	4	3	9	0
CONTIG-074295	190	5	6	15	0
CONTIG-074296	88	8	22	11	0
CONTIG-074297	157	12	3	71	0
CONTIG-074303	120	4	0	9	0
CONTIG-074304	130	7	3	36	0

CONTIG-074305	75	3	0	6	0
CONTIG-074306	116	7	8	18	0
CONTIG-074307	110	6	0	19	0
CONTIG-074308	138	14	13	32	0
CONTIG-074309	68	3	5	3	0
CONTIG-074310	76	4	2	2	0
CONTIG-074311	82	4	5	10	0
CONTIG-074312	113	5	0	14	0
CONTIG-074313	68	3	5	5	0
CONTIG-074314	241	11	18	19	0
CONTIG-074315	106	7	15	24	2
CONTIG-074316	206	4	0	9	0
CONTIG-074317	126	10	23	5	3
CONTIG-074321	160	7	12	14	0
CONTIG-074322	79	3	3	0	0
CONTIG-074323	76	5	5	2	0
CONTIG-074324	91	5	10	9	0
CONTIG-074327	148	7	6	5	0
CONTIG-074328	88	2	2	2	0
CONTIG-074329	144	4	7	14	0
CONTIG-074330	58	5	9	2	0
CONTIG-074331	122	6	5	17	0
CONTIG-074332	71	6	3	15	0
CONTIG-074333	115	10	3	27	2
CONTIG-074335	145	4	4	25	0
CONTIG-074336	105	23	8	76	2
CONTIG-074337	168	7	9	30	0
CONTIG-074338	68	4	4	7	0
CONTIG-074339	151	6	0	0	0
CONTIG-074340	133	6	7	35	0
CONTIG-074341	203	7	10	36	0
CONTIG-074342	91	7	9	2	0
CONTIG-074343	155	4	2	7	0
CONTIG-074344	58	4	2	4	0
CONTIG-074345	62	6	0	15	0
CONTIG-074346	45	12	4	5	0
CONTIG-074347	297	8	5	38	2
CONTIG-074348	89	4	6	4	0
CONTIG-074349	147	9	6	3	0
CONTIG-074350	81	3	2	2	0
CONTIG-074351	77	7	12	13	0
CONTIG-074353	348	95	4	0	692
CONTIG-074354	77	4	2	11	0
CONTIG-074355	387	8	0	42	0
CONTIG-074356	82	18	11	23	0
CONTIG-074357	247	8	7	58	0
CONTIG-074358	116	8	8	26	2

CONTIG-074359	231	11	6	47	0
CONTIG-074360	114	16	24	60	4
CONTIG-074361	136	12	13	32	0
CONTIG-074362	81	4	0	12	0
CONTIG-074364	542	22	25	704	0
CONTIG-074365	107	4	2	14	0
CONTIG-074366	117	7	5	23	0
CONTIG-074367	89	7	5	0	0
CONTIG-074368	60	4	0	6	0
CONTIG-074370	89	6	17	8	0
CONTIG-074371	64	23	3	20	0
CONTIG-074372	87	33	0	0	0
CONTIG-074373	66	7	10	15	0
CONTIG-074374	110	7	2	26	0
CONTIG-074375	171	6	7	17	0
CONTIG-074376	230	10	2	64	0
CONTIG-074377	60	6	7	10	0
CONTIG-074378	138	7	17	41	0
CONTIG-074379	264	4	4	42	0
CONTIG-074380	71	9	0	19	0
CONTIG-074381	62	5	5	0	0
CONTIG-074382	64	6	5	9	0
CONTIG-074383	90	7	14	10	0
CONTIG-074385	87	7	9	14	0
CONTIG-074389	130	5	10	6	0
CONTIG-074390	273	9	21	11	0
CONTIG-074391	58	5	8	4	0
CONTIG-074392	83	4	4	6	0
CONTIG-074393	115	11	15	43	0
CONTIG-074396	129	5	2	8	0
CONTIG-074397	170	7	6	45	0
CONTIG-074398	189	5	2	21	0
CONTIG-074399	84	10	14	29	0
CONTIG-074400	292	14	10	115	6
CONTIG-074401	313	12	30	117	0
CONTIG-074402	226	11	0	72	0
CONTIG-074403	69	17	3	33	0
CONTIG-074404	185	16	3	104	2
CONTIG-074405	166	2	9	0	0
CONTIG-074406	64	3	0	0	0
CONTIG-074407	72	5	0	15	0
CONTIG-074408	254	5	7	11	6
CONTIG-074409	61	4	6	4	0
CONTIG-074410	185	6	3	30	0
CONTIG-074411	189	7	4	29	0
CONTIG-074412	238	5	2	30	0
CONTIG-074413	846	31	4	0	175

CONTIG-074414	102	7	3	0	0
CONTIG-074415	150	5	2	24	0
CONTIG-074417	230	4	5	13	0
CONTIG-074418	93	4	0	6	0
CONTIG-074419	125	5	0	13	0
CONTIG-074420	227	6	9	53	2
CONTIG-074421	101	11	11	20	0
CONTIG-074422	78	189	2	616	17
CONTIG-074423	199	6	7	33	0
CONTIG-074424	65	123	7	28	0
CONTIG-074425	99	3	5	5	0
CONTIG-074426	301	11	4	74	0
CONTIG-074427	57	154	33	10	102
CONTIG-074428	119	4	7	8	0
CONTIG-074429	247	5	9	48	0
CONTIG-074430	97	5	6	12	0
CONTIG-074431	59	5	9	2	0
CONTIG-074432	154	7	2	24	0
CONTIG-074433	86	9	2	27	0
CONTIG-074434	109	6	0	23	0
CONTIG-074435	613	40	46	1301	2
CONTIG-074436	85	4	4	4	0
CONTIG-074437	110	10	4	31	0
CONTIG-074438	155	10	0	61	0
CONTIG-074439	84	8	2	28	0
CONTIG-074440	118	6	4	21	0
CONTIG-074441	239	6	8	14	0
CONTIG-074442	91	6	0	15	0
CONTIG-074443	51	37	5	61	0
CONTIG-074444	247	8	7	72	0
CONTIG-074445	394	28	33	322	0
CONTIG-074446	333	15	15	164	0
CONTIG-074447	70	3	9	0	0
CONTIG-074448	63	7	11	5	0
CONTIG-074449	128	13	10	23	0
CONTIG-074450	141	5	14	10	0
CONTIG-074453	84	6	4	13	0
CONTIG-074454	262	6	19	35	4
CONTIG-074455	112	5	2	21	0
CONTIG-074456	58	7	3	16	0
CONTIG-074457	94	9	0	33	0
CONTIG-074458	177	4	4	4	0
CONTIG-074459	85	18	8	69	0
CONTIG-074460	127	4	2	15	0
CONTIG-074461	208	8	8	24	0
CONTIG-074464	66	8	16	7	2
CONTIG-074465	226	7	10	58	0

CONTIG-074466	67	8	13	14	0
CONTIG-074467	147	5	0	6	0
CONTIG-074468	150	6	4	45	0
CONTIG-074469	137	11	4	66	0
CONTIG-074470	79	6	4	13	0
CONTIG-074471	123	17	4	73	0
CONTIG-074472	84	6	13	6	0
CONTIG-074473	114	5	3	14	2
CONTIG-074474	72	6	5	15	0
CONTIG-074475	45	15	5	18	0
CONTIG-074476	312	9	2	48	0
CONTIG-074477	67	14	21	16	0
CONTIG-074478	115	11	21	40	0
CONTIG-074479	145	6	16	19	0
CONTIG-074480	138	6	13	14	0
CONTIG-074481	72	3	2	2	0
CONTIG-074482	86	11	9	15	0
CONTIG-074485	139	5	3	12	0
CONTIG-074486	196	6	6	38	0
CONTIG-074488	73	33	7	51	0
CONTIG-074489	89	7	29	7	0
CONTIG-074490	80	12	12	33	0
CONTIG-074491	242	8	3	41	0
CONTIG-074492	95	7	3	3	0
CONTIG-074494	66	4	0	4	0
CONTIG-074495	107	6	4	10	0
CONTIG-074496	136	8	4	24	0
CONTIG-074497	334	12	12	215	0
CONTIG-074498	124	11	6	72	0
CONTIG-074499	96	7	21	29	0
CONTIG-074500	177	7	4	10	0
CONTIG-074501	87	8	4	25	0
CONTIG-074502	105	9	0	33	0
CONTIG-074503	88	4	2	5	0
CONTIG-074504	128	7	0	20	3
CONTIG-074505	162	9	32	29	0
CONTIG-074506	260	6	3	47	0
CONTIG-074507	109	8	13	17	0
CONTIG-074508	221	5	0	20	0
CONTIG-074511	85	4	5	0	0
CONTIG-074513	179	7	11	48	0
CONTIG-074514	57	12	19	4	0
CONTIG-074515	142	6	0	24	0
CONTIG-074516	208	12	4	75	4
CONTIG-074517	59	2	3	2	0
CONTIG-074518	79	4	2	5	0
CONTIG-074519	552	8	4	117	2

CONTIG-074520	910	72	8	2	1214
CONTIG-074521	300	7	5	64	0
CONTIG-074522	94	4	13	9	0
CONTIG-074523	97	6	2	24	0
CONTIG-074524	63	6	0	11	0
CONTIG-074525	59	4	0	4	0
CONTIG-074526	90	3	2	10	0
CONTIG-074527	344	13	5	151	0
CONTIG-074528	92	7	4	15	0
CONTIG-074530	101	6	2	16	0
CONTIG-074531	103	4	3	11	0
CONTIG-074532	123	4	5	5	0
CONTIG-074533	156	13	6	0	0
CONTIG-074534	174	12	10	110	0
CONTIG-074535	58	2	0	0	0
CONTIG-074536	170	6	0	9	0
CONTIG-074537	47	71	5	55	0
CONTIG-074538	144	6	2	6	0
CONTIG-074539	254	109	3	0	690
CONTIG-074540	128	5	3	18	0
CONTIG-074541	72	3	4	2	0
CONTIG-074543	58	5	0	15	0
CONTIG-074544	88	6	2	3	0
CONTIG-074545	212	11	7	114	0
CONTIG-074546	99	3	0	2	0
CONTIG-074547	131	7	2	29	0
CONTIG-074548	125	11	2	50	0
CONTIG-074549	101	4	2	9	0
CONTIG-074550	62	4	2	10	0
CONTIG-074551	93	14	13	14	0
CONTIG-074552	198	11	13	40	2
CONTIG-074555	122	8	7	22	0
CONTIG-074557	70	9	0	15	0
CONTIG-074558	170	4	10	25	0
CONTIG-074559	123	5	3	0	0
CONTIG-074560	234	8	17	75	2
CONTIG-074561	134	9	2	22	0
CONTIG-074562	155	8	6	23	0
CONTIG-074563	71	3	7	2	0
CONTIG-074564	90	3	0	8	0
CONTIG-074567	153	6	3	27	0
CONTIG-074568	89	6	5	29	0
CONTIG-074569	112	4	3	12	0
CONTIG-074570	139	6	12	18	0
CONTIG-074571	506	11	0	166	2
CONTIG-074572	113	6	2	18	0
CONTIG-074573	72	112	45	324	0

CONTIG-074574	133	8	4	47	0
CONTIG-074577	131	155	16	712	25
CONTIG-074578	198	21	9	92	0
CONTIG-074579	69	4	3	0	0
CONTIG-074580	40	114	4	2	0
CONTIG-074582	211	4	0	29	0
CONTIG-074583	58	4	3	3	0
CONTIG-074585	102	16	2	64	0
CONTIG-074586	144	6	4	14	4
CONTIG-074587	66	13	7	39	0
CONTIG-074588	208	7	5	20	4
CONTIG-074589	59	3	7	0	0
CONTIG-074590	68	5	2	8	0
CONTIG-074591	65	5	0	13	0
CONTIG-074593	288	10	12	98	2
CONTIG-074594	89	7	3	8	0
CONTIG-074595	70	3	2	2	0
CONTIG-074596	149	5	4	12	0
CONTIG-074597	386	16	36	182	6
CONTIG-074598	62	4	2	5	0
CONTIG-074599	160	6	8	32	0
CONTIG-074600	62	9	4	12	0
CONTIG-074601	151	8	14	24	3
CONTIG-074602	126	5	4	24	0
CONTIG-074603	165	5	5	12	0
CONTIG-074604	65	8	3	10	0
CONTIG-074605	85	3	3	0	0
CONTIG-074606	552	40	4	0	0
CONTIG-074608	55	28	0	22	0
CONTIG-074610	65	14	9	28	0
CONTIG-074611	120	6	5	10	0
CONTIG-074612	117	7	12	4	2
CONTIG-074613	176	7	2	36	0
CONTIG-074614	66	5	6	7	0
CONTIG-074615	116	4	2	3	0
CONTIG-074616	208	6	5	7	2
CONTIG-074617	177	5	2	27	2
CONTIG-074618	86	6	3	11	0
CONTIG-074619	94	12	3	31	0
CONTIG-074620	117	7	7	23	0
CONTIG-074621	76	7	9	0	0
CONTIG-074622	113	3	0	8	0
CONTIG-074623	125	10	4	36	0
CONTIG-074624	131	7	0	31	0
CONTIG-074626	76	8	0	14	0
CONTIG-074627	70	4	2	6	2
CONTIG-074628	136	9	7	40	0

CONTIG-074629	135	5	0	0	0
CONTIG-074631	74	5	0	10	0
CONTIG-074632	68	3	0	7	0
CONTIG-074633	97	5	2	3	0
CONTIG-074634	178	11	2	93	0
CONTIG-074636	541	9	4	33	8
CONTIG-074637	118	8	5	22	0
CONTIG-074638	229	50	12	608	0
CONTIG-074639	306	8	5	90	0
CONTIG-074640	312	15	0	182	4
CONTIG-074641	289	19	11	41	0
CONTIG-074642	257	7	3	42	0
CONTIG-074643	97	3	2	4	0
CONTIG-074644	130	6	3	21	0
CONTIG-074647	72	7	2	0	0
CONTIG-074648	264	9	11	79	3
CONTIG-074649	127	8	4	21	0
CONTIG-074650	63	8	4	7	0
CONTIG-074651	442	11	14	111	2
CONTIG-074654	71	10	5	25	0
CONTIG-074655	332	33	15	483	0
CONTIG-074656	89	4	4	3	0
CONTIG-074657	138	3	0	14	0
CONTIG-074658	142	7	2	27	0
CONTIG-074659	63	7	2	3	0
CONTIG-074660	255	8	8	47	0
CONTIG-074661	454	8	34	113	0
CONTIG-074662	135	10	2	40	0
CONTIG-074663	88	7	0	22	0
CONTIG-074664	224	6	11	0	0
CONTIG-074665	59	5	5	6	0
CONTIG-074666	429	8	6	127	0
CONTIG-074667	431	13	20	169	0
CONTIG-074668	69	9	11	11	2
CONTIG-074669	60	3	9	2	0
CONTIG-074670	73	5	15	5	0
CONTIG-074671	108	13	4	41	0
CONTIG-074672	121	7	4	33	0
CONTIG-074673	1807	16	6	0	122
CONTIG-074675	114	10	13	39	0
CONTIG-074676	74	16	4	50	0
CONTIG-074677	63	5	0	0	0
CONTIG-074678	156	3	2	2	0
CONTIG-074679	179	15	21	93	0
CONTIG-074680	410	7	12	81	0
CONTIG-074681	76	5	7	2	0
CONTIG-074682	152	9	8	44	0

CONTIG-074683	69	3	2	3	0
CONTIG-074684	91	7	5	18	0
CONTIG-074685	73	3	7	0	0
CONTIG-074686	121	12	12	55	0
CONTIG-074689	59	4	4	11	0
CONTIG-074690	94	3	8	0	0
CONTIG-074691	206	10	13	46	2
CONTIG-074693	58	3	4	0	0
CONTIG-074694	65	12	11	10	0
CONTIG-074695	107	4	0	21	0
CONTIG-074696	242	10	2	15	5
CONTIG-074697	91	4	2	10	0
CONTIG-074698	138	11	4	45	0
CONTIG-074699	74	6	8	5	0
CONTIG-074700	247	9	13	35	0
CONTIG-074701	216	5	11	17	0
CONTIG-074702	59	5	6	4	0
CONTIG-074703	113	8	0	7	6
CONTIG-074704	60	3	4	5	0
CONTIG-074705	82	6	2	25	0
CONTIG-074706	141	4	0	13	2
CONTIG-074707	58	17	30	21	0
CONTIG-074708	123	12	16	47	0
CONTIG-074709	372	13	3	158	2
CONTIG-074710	159	4	11	13	0
CONTIG-074711	139	27	44	54	0
CONTIG-074712	153	6	3	8	0
CONTIG-074713	142	7	9	16	2
CONTIG-074714	166	5	0	23	2
CONTIG-074715	68	14	7	22	0
CONTIG-074716	220	9	8	68	0
CONTIG-074717	65	6	0	2	0
CONTIG-074718	232	7	4	0	0
CONTIG-074719	71	7	3	8	0
CONTIG-074720	85	2	0	0	0
CONTIG-074721	272	9	10	77	0
CONTIG-074722	72	1059	12	1417	0
CONTIG-074723	67	2	5	0	0
CONTIG-074724	82	3	7	0	0
CONTIG-074725	78	4	2	8	0
CONTIG-074726	936	9	22	353	0
CONTIG-074727	91	4	0	4	0
CONTIG-074728	235	16	2	114	0
CONTIG-074734	156	8	22	34	0
CONTIG-074735	106	3	4	0	0
CONTIG-074736	86	3	0	10	0
CONTIG-074737	246	17	5	175	2

CONTIG-074738	88	11	0	0	0
CONTIG-074739	280	6	6	41	0
CONTIG-074740	140	9	11	29	0
CONTIG-074741	77	3	3	4	0
CONTIG-074742	98	6	0	16	0
CONTIG-074743	184	7	5	25	0
CONTIG-074745	94	8	0	16	0
CONTIG-074746	75	6	4	21	0
CONTIG-074747	122	10	33	8	0
CONTIG-074748	90	6	17	2	0
CONTIG-074750	145	8	0	14	0
CONTIG-074751	145	7	0	18	0
CONTIG-074752	86	4	0	6	0
CONTIG-074753	134	7	7	27	0
CONTIG-074754	162	7	10	13	0
CONTIG-074755	106	17	2	59	0
CONTIG-074756	160	3	8	10	0
CONTIG-074757	174	8	2	9	0
CONTIG-074758	280	10	12	97	0
CONTIG-074759	156	18	7	66	4
CONTIG-074760	441	6	8	37	0
CONTIG-074761	84	4	3	4	0
CONTIG-074762	327	11	11	117	0
CONTIG-074763	70	7	3	16	0
CONTIG-074764	39	253	5	0	0
CONTIG-074765	492	20	4	33	0
CONTIG-074767	64	6	0	13	0
CONTIG-074768	437	14	2	4	0
CONTIG-074770	209	9	5	45	0
CONTIG-074771	103	2	3	6	0
CONTIG-074773	77	4	2	3	0
CONTIG-074774	172	4	3	22	0
CONTIG-074775	205	11	19	72	0
CONTIG-074776	134	11	6	37	0
CONTIG-074777	58	29	17	36	0
CONTIG-074778	169	7	0	34	0
CONTIG-074779	99	5	0	20	0
CONTIG-074780	64	3	5	4	0
CONTIG-074781	187	5	4	12	0
CONTIG-074782	82	4	24	5	0
CONTIG-074783	74	4	20	2	0
CONTIG-074786	186	21	6	2	0
CONTIG-074787	220	59	0	0	39
CONTIG-074788	63	3	5	4	0
CONTIG-074789	178	5	6	27	0
CONTIG-074790	103	4	8	9	0
CONTIG-074791	159	5	19	25	0

CONTIG-074792	84	2	0	2	0
CONTIG-074793	99	10	7	28	0
CONTIG-074794	66	6	0	12	0
CONTIG-074795	103	6	5	4	0
CONTIG-074796	156	21	16	147	2
CONTIG-074797	287	8	10	69	2
CONTIG-074798	139	6	0	9	0
CONTIG-074799	181	7	3	2	0
CONTIG-074800	65	9	10	0	0
CONTIG-074801	84	3	2	2	0
CONTIG-074802	553	10	28	169	0
CONTIG-074803	69	7	12	15	0
CONTIG-074804	78	3	2	0	0
CONTIG-074805	130	3	2	7	0
CONTIG-074806	152	12	0	58	2
CONTIG-074807	742	15	10	370	2
CONTIG-074808	180	11	17	34	0
CONTIG-074809	69	5	3	12	0
CONTIG-074810	171	10	39	10	9
CONTIG-074811	107	3	4	4	0
CONTIG-074812	167	8	19	42	0
CONTIG-074813	187	8	7	71	0
CONTIG-074814	44	25	6	8	0
CONTIG-074815	132	9	7	46	0
CONTIG-074816	60	5	0	10	0
CONTIG-074817	44	124	2	178	0
CONTIG-074818	68	5	2	14	0
CONTIG-074819	464	19	2	0	56
CONTIG-074820	170	11	9	76	0
CONTIG-074821	134	4	15	10	0
CONTIG-074822	104	6	0	8	0
CONTIG-074823	84	5	6	14	0
CONTIG-074827	111	3	5	4	0
CONTIG-074828	93	8	2	29	0
CONTIG-074829	160	4	7	31	0
CONTIG-074830	89	7	11	24	0
CONTIG-074831	106	6	9	25	0
CONTIG-074832	61	3	2	0	0
CONTIG-074833	61	10	4	3	0
CONTIG-074834	69	8	4	16	0
CONTIG-074835	105	9	6	36	0
CONTIG-074836	395	8	2	135	0
CONTIG-074838	96	7	5	24	0
CONTIG-074839	179	9	6	64	0
CONTIG-074840	95	5	5	15	0
CONTIG-074841	298	8	2	58	2
CONTIG-074842	114	92	12	227	0

CONTIG-074843	76	2	0	2	0
CONTIG-074846	59	2	4	0	0
CONTIG-074847	106	5	2	2	0
CONTIG-074848	71	5	5	11	0
CONTIG-074849	90	3	0	0	0
CONTIG-074850	74	5	9	0	0
CONTIG-074851	78	3	4	2	0
CONTIG-074852	50	113	4	0	50
CONTIG-074853	172	7	12	26	2
CONTIG-074854	135	6	13	8	0
CONTIG-074855	910	50	0	2	308
CONTIG-074856	126	5	2	4	0
CONTIG-074857	95	6	24	9	0
CONTIG-074858	94	5	2	5	0
CONTIG-074859	134	9	0	46	2
CONTIG-074860	124	4	2	8	0
CONTIG-074863	163	11	4	27	0
CONTIG-074864	73	3	0	4	0
CONTIG-074865	153	6	2	22	2
CONTIG-074866	172	117	9	726	4
CONTIG-074867	138	26	11	150	0
CONTIG-074868	87	7	6	0	0
CONTIG-074869	136	10	5	32	0
CONTIG-074870	111	3	3	9	0
CONTIG-074871	179	5	14	12	0
CONTIG-074873	224	6	12	20	0
CONTIG-074874	59	7	3	14	0
CONTIG-074875	65	6	3	0	0
CONTIG-074876	112	7	14	2	0
CONTIG-074877	60	2	0	2	0
CONTIG-074878	193	7	2	33	2
CONTIG-074879	176	7	2	28	2
CONTIG-074880	79	6	10	8	0
CONTIG-074881	100	25	12	98	2
CONTIG-074882	115	7	7	10	0
CONTIG-074883	71	5	0	0	0
CONTIG-074884	89	9	0	25	0
CONTIG-074885	202	7	11	43	0
CONTIG-074886	81	10	15	22	0
CONTIG-074887	68	15	3	20	2
CONTIG-074888	99	4	4	6	0
CONTIG-074889	143	5	0	11	0
CONTIG-074890	89	4	2	3	0
CONTIG-074891	62	7	4	7	0
CONTIG-074892	115	6	0	15	0
CONTIG-074893	164	5	3	6	0
CONTIG-074897	60	10	2	30	0

CONTIG-074898	1129	22	13	38	0
CONTIG-074899	103	6	26	8	0
CONTIG-074900	101	4	3	9	0
CONTIG-074901	255	8	6	40	0
CONTIG-074902	226	344	12	15	0
CONTIG-074904	177	12	12	72	0
CONTIG-074905	222	16	7	130	4
CONTIG-074906	58	4	3	9	0
CONTIG-074907	174	9	5	49	0
CONTIG-074908	144	7	0	31	2
CONTIG-074909	135	14	8	103	0
CONTIG-074910	85	6	5	4	0
CONTIG-074911	78	22	35	4	0
CONTIG-074912	64	8	7	5	0
CONTIG-074913	179	8	4	32	3
CONTIG-074915	60	7	7	0	0
CONTIG-074916	115	6	3	8	0
CONTIG-074917	403	14	31	157	0
CONTIG-074918	63	6	4	10	0
CONTIG-074919	180	7	5	38	0
CONTIG-074920	59	5	4	0	0
CONTIG-074921	63	9	5	17	0
CONTIG-074922	223	5	4	55	0
CONTIG-074923	73	2	4	2	0
CONTIG-074924	174	18	13	93	0
CONTIG-074925	131	10	2	55	0
CONTIG-074926	233	4	2	32	0
CONTIG-074927	163	6	2	17	0
CONTIG-074929	280	10	5	77	0
CONTIG-074934	94	5	8	4	0
CONTIG-074935	348	8	10	52	2
CONTIG-074936	95	4	0	14	0
CONTIG-074937	135	6	0	32	0
CONTIG-074938	77	15	7	2	0
CONTIG-074939	190	32	2	0	26
CONTIG-074940	143	9	30	22	0
CONTIG-074941	201	7	8	36	0
CONTIG-074942	65	5	0	16	0
CONTIG-074943	66	8	6	10	0
CONTIG-074944	53	5	0	5	0
CONTIG-074945	75	12	10	15	0
CONTIG-074946	95	8	10	25	0
CONTIG-074947	108	6	4	26	0
CONTIG-074948	212	14	6	143	0
CONTIG-074949	61	3	4	5	0
CONTIG-074950	263	6	0	0	0
CONTIG-074951	91	6	10	15	0

CONTIG-074952	106	6	11	24	0
CONTIG-074953	76	5	8	6	0
CONTIG-074954	67	3	8	0	0
CONTIG-074955	191	7	7	52	0
CONTIG-074956	66	7	13	13	0
CONTIG-074957	86	8	3	18	0
CONTIG-074958	103	5	5	7	0
CONTIG-074960	372	21	17	313	0
CONTIG-074961	204	8	9	27	0
CONTIG-074962	176	6	17	28	0
CONTIG-074963	290	12	11	94	0
CONTIG-074964	90	4	5	0	0
CONTIG-074965	321	18	0	15	0
CONTIG-074966	93	4	0	6	0
CONTIG-074967	244	8	4	61	9
CONTIG-074968	75	5	4	13	0
CONTIG-074969	72	12	12	20	0
CONTIG-074970	262	7	8	34	2
CONTIG-074971	80	10	4	23	0
CONTIG-074972	84	5	7	6	0
CONTIG-074973	167	5	6	27	0
CONTIG-074975	304	12	8	72	0
CONTIG-074976	78	4	2	10	0
CONTIG-074977	72	18	8	52	2
CONTIG-074983	246	7	0	18	0
CONTIG-074984	93	11	7	30	0
CONTIG-074985	68	5	11	2	0
CONTIG-074986	105	3	4	11	0
CONTIG-074987	149	5	3	17	0
CONTIG-074988	124	5	4	22	0
CONTIG-074989	127	4	3	11	0
CONTIG-074991	88	4	6	9	0
CONTIG-074992	108	5	8	18	0
CONTIG-074993	134	8	4	34	0
CONTIG-074994	62	10	0	8	0
CONTIG-074995	182	4	2	9	0
CONTIG-074996	180	7	0	42	0
CONTIG-074997	70	6	6	9	0
CONTIG-074998	1189	19	25	89	0
CONTIG-074999	64	4	3	8	0
CONTIG-075000	163	4	2	18	0
CONTIG-075001	153	44	0	378	0
CONTIG-075002	154	13	14	40	0
CONTIG-075003	59	8	2	19	0
CONTIG-075004	119	13	8	36	0
CONTIG-075006	153	11	5	51	0
CONTIG-075007	65	13	8	15	0

CONTIG-075008	91	10	2	18	0
CONTIG-075009	117	5	2	18	0
CONTIG-075010	80	5	11	8	0
CONTIG-075012	76	9	12	17	0
CONTIG-075013	105	9	0	24	2
CONTIG-075014	107	7	12	22	0
CONTIG-075015	102	7	15	15	0
CONTIG-075016	124	11	9	42	0
CONTIG-075017	98	7	0	25	0
CONTIG-075018	84	5	2	8	0
CONTIG-075019	77	4	4	11	0
CONTIG-075021	106	9	0	28	0
CONTIG-075022	66	5	15	0	0
CONTIG-075023	75	4	4	6	0
CONTIG-075024	91	8	0	2	4
CONTIG-075025	339	11	16	60	0
CONTIG-075026	257	8	15	61	0
CONTIG-075027	115	5	2	27	0
CONTIG-075031	197	9	5	0	11
CONTIG-075035	212	5	13	28	0
CONTIG-075036	191	5	2	14	0
CONTIG-075037	130	103	84	395	11
CONTIG-075039	222	11	7	4	0
CONTIG-075040	336	6	3	5	0
CONTIG-075041	147	10	12	45	0
CONTIG-075042	262	8	6	0	0
CONTIG-075043	168	7	13	19	0
CONTIG-075044	66	4	4	9	0
CONTIG-075045	204	18	23	51	0
CONTIG-075046	171	8	6	26	0
CONTIG-075048	94	12	21	0	0
CONTIG-075049	81	21	12	27	0
CONTIG-075050	185	8	7	23	0
CONTIG-075051	263	7	2	52	0
CONTIG-075052	191	6	2	18	0
CONTIG-075053	66	4	0	5	0
CONTIG-075054	124	7	5	26	0
CONTIG-075055	114	8	11	27	0
CONTIG-075056	77	6	3	14	0
CONTIG-075057	68	6	6	0	2
CONTIG-075058	313	7	12	57	4
CONTIG-075059	69	11	0	22	2
CONTIG-075060	186	9	4	51	4
CONTIG-075061	336	11	5	164	0
CONTIG-075062	367	9	2	103	0
CONTIG-075063	292	9	11	65	0
CONTIG-075064	67	6	5	13	0

CONTIG-075065	71	3	2	6	0
CONTIG-075066	94	10	0	15	0
CONTIG-075069	180	5	21	12	0
CONTIG-075070	75	6	18	3	0
CONTIG-075071	72	22	9	24	0
CONTIG-075078	141	9	0	36	0
CONTIG-075079	148	14	3	26	0
CONTIG-075080	133	9	17	19	0
CONTIG-075081	72	11	0	29	0
CONTIG-075082	220	9	17	68	0
CONTIG-075083	333	12	3	216	0
CONTIG-075085	162	5	8	25	0
CONTIG-075086	80	8	6	14	0
CONTIG-075091	217	8	6	2	0
CONTIG-075093	97	5	3	15	0
CONTIG-075094	294	7	8	75	0
CONTIG-075095	92	8	8	2	0
CONTIG-075096	230	14	7	160	0
CONTIG-075097	152	25	7	217	3
CONTIG-075098	64	11	5	19	0
CONTIG-075099	145	4	0	15	0
CONTIG-075100	290	11	12	105	2
CONTIG-075102	76	5	8	11	0
CONTIG-075103	297	9	23	78	0
CONTIG-075104	150	12	5	60	0
CONTIG-075105	244	21	3	0	57
CONTIG-075106	101	8	0	41	0
CONTIG-075107	96	20	10	96	0
CONTIG-075108	81	5	7	5	0
CONTIG-075109	86	5	2	6	0
CONTIG-075110	110	5	0	14	0
CONTIG-075111	79	9	8	20	0
CONTIG-075112	385	11	2	170	0
CONTIG-075113	98	7	3	20	0
CONTIG-075114	82	6	0	22	0
CONTIG-075115	206	7	0	54	0
CONTIG-075116	124	11	16	37	0
CONTIG-075117	146	5	0	26	0
CONTIG-075118	127	7	5	34	0
CONTIG-075119	155	6	4	14	0
CONTIG-075120	83	4	4	2	0
CONTIG-075121	271	6	10	31	0
CONTIG-075122	481	16	12	250	17
CONTIG-075123	102	6	3	16	0
CONTIG-075124	265	7	16	44	0
CONTIG-075125	105	3	2	5	0
CONTIG-075126	209	8	0	72	4

CONTIG-075130	105	8	5	12	2
CONTIG-075131	76	13	5	36	0
CONTIG-075132	67	4	18	0	0
CONTIG-075133	561	17	12	454	0
CONTIG-075134	140	13	2	52	0
CONTIG-075136	88	5	7	16	0
CONTIG-075137	227	9	13	40	2
CONTIG-075138	230	14	11	167	0
CONTIG-075139	321	13	9	71	2
CONTIG-075140	73	4	2	4	0
CONTIG-075141	73	3	3	0	0
CONTIG-075142	313	8	21	83	2
CONTIG-075143	355	16	2	168	0
CONTIG-075144	149	10	5	48	0
CONTIG-075145	118	7	9	35	0
CONTIG-075146	106	10	12	13	2
CONTIG-075147	96	6	4	14	0
CONTIG-075148	84	3	3	2	0
CONTIG-075149	63	5	0	9	0
CONTIG-075150	152	7	7	42	0
CONTIG-075151	171	6	6	19	0
CONTIG-075152	153	8	7	28	0
CONTIG-075153	369	14	8	267	0
CONTIG-075154	117	3	3	13	0
CONTIG-075155	111	8	4	30	0
CONTIG-075156	172	6	7	17	0
CONTIG-075157	83	4	6	2	0
CONTIG-075158	132	6	12	9	0
CONTIG-075159	130	6	2	24	2
CONTIG-075160	74	10	9	18	0
CONTIG-075161	137	15	18	20	0
CONTIG-075162	73	6	9	9	0
CONTIG-075163	85	9	2	4	11
CONTIG-075164	68	13	12	16	0
CONTIG-075165	147	5	3	2	0
CONTIG-075166	87	13	5	38	0
CONTIG-075168	94	4	2	14	0
CONTIG-075169	63	2	0	4	0
CONTIG-075170	69	7	4	8	0
CONTIG-075171	67	17	2	42	0
CONTIG-075172	176	10	5	67	0
CONTIG-075174	66	9	4	18	0
CONTIG-075175	90	7	11	9	0
CONTIG-075178	92	5	14	12	0
CONTIG-075179	684	52	0	0	396
CONTIG-075180	77	5	4	0	0
CONTIG-075182	158	7	32	19	0

CONTIG-075183	78	4	2	9	0
CONTIG-075184	265	23	9	8	0
CONTIG-075185	71	6	4	8	0
CONTIG-075186	239	6	3	38	0
CONTIG-075187	100	6	8	14	0
CONTIG-075188	61	5	9	4	0
CONTIG-075189	66	7	2	6	0
CONTIG-075190	73	6	2	11	0
CONTIG-075191	79	4	4	11	0
CONTIG-075192	162	34	0	16	0
CONTIG-075193	85	5	0	14	0
CONTIG-075194	88	4	0	11	0
CONTIG-075195	86	13	2	25	0
CONTIG-075196	65	4	0	0	0
CONTIG-075197	112	3	9	4	2
CONTIG-075198	62	3	11	0	0
CONTIG-075200	292	7	3	68	0
CONTIG-075201	145	10	5	63	0
CONTIG-075202	64	5	2	16	0
CONTIG-075203	71	6	12	14	0
CONTIG-075204	71	2	0	2	0
CONTIG-075205	69	3	2	2	0
CONTIG-075206	77	10	3	26	0
CONTIG-075207	88	13	6	25	0
CONTIG-075208	138	7	0	26	2
CONTIG-075209	120	4	0	4	2
CONTIG-075210	110	5	3	19	0
CONTIG-075211	456	8	0	124	4
CONTIG-075212	112	12	4	2	0
CONTIG-075213	68	174	28	343	13
CONTIG-075214	59	7	0	0	2
CONTIG-075215	67	3	0	4	0
CONTIG-075216	83	13	3	42	0
CONTIG-075217	505	10	11	179	0
CONTIG-075218	49	96	5	65	2
CONTIG-075219	143	7	13	47	0
CONTIG-075220	233	5	6	19	2
CONTIG-075221	274	21	5	188	13
CONTIG-075222	62	5	2	9	0
CONTIG-075223	80	6	6	9	0
CONTIG-075224	62	4	5	0	0
CONTIG-075225	80	6	10	16	0
CONTIG-075226	264	12	2	100	0
CONTIG-075232	72	3	5	3	0
CONTIG-075233	118	6	7	18	0
CONTIG-075234	114	11	7	44	0
CONTIG-075235	79	5	2	19	0

CONTIG-075236	123	4	4	6	0
CONTIG-075237	135	8	5	41	0
CONTIG-075238	77	35	25	61	0
CONTIG-075239	67	3	2	4	0
CONTIG-075241	276	13	25	58	4
CONTIG-075242	98	5	4	0	0
CONTIG-075244	77	10	6	23	0
CONTIG-075246	193	6	14	41	0
CONTIG-075247	404	12	19	212	0
CONTIG-075248	88	9	12	31	0
CONTIG-075249	82	7	5	6	0
CONTIG-075250	139	9	7	56	0
CONTIG-075251	115	9	2	38	0
CONTIG-075252	111	5	12	9	0
CONTIG-075253	65	2	5	2	0
CONTIG-075254	63	7	7	19	0
CONTIG-075256	67	25	16	36	0
CONTIG-075257	213	8	7	25	0
CONTIG-075258	89	4	3	9	0
CONTIG-075259	178	8	9	30	2
CONTIG-075260	104	9	3	27	0
CONTIG-075261	167	20	12	159	0
CONTIG-075262	134	9	9	34	0
CONTIG-075263	162	6	9	35	0
CONTIG-075264	126	8	0	36	0
CONTIG-075265	94	8	8	15	0
CONTIG-075266	64	5	0	4	0
CONTIG-075267	198	11	33	44	0
CONTIG-075268	102	4	0	6	0
CONTIG-075269	154	5	5	26	2
CONTIG-075270	187	10	4	59	0
CONTIG-075273	184	8	0	12	2
CONTIG-075274	144	8	3	35	0
CONTIG-075275	276	11	7	119	0
CONTIG-075276	157	3	0	10	2
CONTIG-075277	125	3	2	5	0
CONTIG-075279	99	5	4	16	0
CONTIG-075280	65	8	0	14	0
CONTIG-075281	122	7	2	22	0
CONTIG-075282	413	11	36	170	0
CONTIG-075283	90	16	3	24	0
CONTIG-075284	236	11	2	22	0
CONTIG-075285	60	6	0	2	0
CONTIG-075286	77	6	7	10	0
CONTIG-075287	72	6	6	7	0
CONTIG-075288	130	8	7	21	0
CONTIG-075289	78	6	4	5	0

CONTIG-075290	150	4	3	13	0
CONTIG-075291	71	7	0	23	0
CONTIG-075292	156	5	7	6	0
CONTIG-075293	131	8	8	38	0
CONTIG-075294	305	10	9	112	0
CONTIG-075295	67	4	3	8	0
CONTIG-075296	102	7	0	21	0
CONTIG-075297	112	7	6	18	0
CONTIG-075298	108	11	22	28	0
CONTIG-075299	81	4	6	4	0
CONTIG-075300	100	5	2	11	0
CONTIG-075301	163	7	4	34	0
CONTIG-075302	196	7	2	34	0
CONTIG-075303	191	11	23	44	0
CONTIG-075304	117	8	6	18	0
CONTIG-075305	196	9	2	0	2
CONTIG-075306	134	11	0	18	0
CONTIG-075307	170	4	0	13	0
CONTIG-075308	116	4	4	14	0
CONTIG-075309	218	4	9	26	0
CONTIG-075310	75	7	2	18	0
CONTIG-075311	90	6	7	16	0
CONTIG-075312	394	44	3	0	106
CONTIG-075313	119	6	2	19	0
CONTIG-075314	133	6	8	26	0
CONTIG-075315	194	7	15	49	0
CONTIG-075316	62	40	7	83	2
CONTIG-075317	70	5	2	9	0
CONTIG-075318	96	4	17	8	0
CONTIG-075319	66	3	3	2	0
CONTIG-075320	119	5	0	11	0
CONTIG-075321	87	5	2	11	0
CONTIG-075322	384	8	2	115	0
CONTIG-075323	85	5	0	0	0
CONTIG-075324	352	13	8	59	0
CONTIG-075325	60	7	2	15	0
CONTIG-075326	607	6	4	0	0
CONTIG-075327	150	9	5	24	0
CONTIG-075328	269	9	5	31	4
CONTIG-075329	163	5	0	16	0
CONTIG-075330	273	15	33	188	0
CONTIG-075331	63	5	11	2	0
CONTIG-075332	125	4	3	10	0
CONTIG-075333	91	5	2	8	0
CONTIG-075334	215	7	2	48	0
CONTIG-075335	102	4	0	8	0
CONTIG-075336	94	4	4	0	0

CONTIG-075337	172	6	3	34	0
CONTIG-075338	146	6	6	25	0
CONTIG-075339	302	12	12	66	8
CONTIG-075340	104	7	9	13	0
CONTIG-075341	237	7	8	49	0
CONTIG-075342	112	7	4	20	0
CONTIG-075343	316	20	24	298	0
CONTIG-075344	78	4	0	12	0
CONTIG-075345	103	4	0	7	0
CONTIG-075346	155	9	13	35	0
CONTIG-075347	113	15	7	63	0
CONTIG-075349	220	6	2	44	0
CONTIG-075350	221	11	3	89	0
CONTIG-075351	109	31	0	178	0
CONTIG-075352	84	4	5	6	0
CONTIG-075353	97	8	4	25	0
CONTIG-075354	97	5	7	13	0
CONTIG-075355	61	6	5	17	0
CONTIG-075356	147	8	12	45	0
CONTIG-075357	95	9	3	37	0
CONTIG-075358	83	6	4	13	0
CONTIG-075359	66	4	6	6	0
CONTIG-075360	76	2	0	2	0
CONTIG-075361	147	4	4	7	0
CONTIG-075362	87	5	2	18	0
CONTIG-075363	364	14	4	279	0
CONTIG-075364	94	5	0	2	0
CONTIG-075365	93	5	3	12	0
CONTIG-075367	172	7	7	28	0
CONTIG-075368	73	8	6	23	0
CONTIG-075369	61	14	0	43	0
CONTIG-075370	91	2	0	0	0
CONTIG-075371	91	22	6	70	0
CONTIG-075372	79	13	6	50	0
CONTIG-075373	87	3	5	6	0
CONTIG-075374	69	3	0	7	0
CONTIG-075375	227	5	3	20	0
CONTIG-075376	126	9	8	43	0
CONTIG-075378	88	12	13	25	0
CONTIG-075379	830	13	4	480	0
CONTIG-075380	49	12	5	15	0
CONTIG-075381	295	10	14	109	0
CONTIG-075382	380	6	4	24	0
CONTIG-075383	80	8	0	22	2
CONTIG-075384	79	3	7	0	0
CONTIG-075385	65	5	6	11	0
CONTIG-075386	168	13	2	86	0

CONTIG-075387	1567	20	8	1455	2
CONTIG-075388	82	27	16	112	0
CONTIG-075389	64	6	3	7	0
CONTIG-075390	79	8	0	22	0
CONTIG-075391	87	4	0	9	0
CONTIG-075392	190	6	5	21	0
CONTIG-075394	65	4	3	7	0
CONTIG-075395	109	4	2	2	0
CONTIG-075396	150	5	2	18	0
CONTIG-075399	172	8	3	47	2
CONTIG-075400	59	7	12	0	0
CONTIG-075401	77	6	4	13	0
CONTIG-075402	156	8	31	38	0
CONTIG-075403	60	3	6	2	0
CONTIG-075404	65	6	2	17	0
CONTIG-075405	84	2	4	4	0
CONTIG-075406	76	3	0	2	0
CONTIG-075407	105	7	6	17	0
CONTIG-075408	81	5	5	5	0
CONTIG-075409	166	15	17	98	0
CONTIG-075410	49	92	28	144	0
CONTIG-075411	66	6	7	7	0
CONTIG-075412	205	6	4	35	0
CONTIG-075413	106	7	0	17	0
CONTIG-075414	257	5	0	57	0
CONTIG-075415	119	7	0	16	0
CONTIG-075420	59	4	0	4	0
CONTIG-075422	153	11	17	53	0
CONTIG-075424	86	10	7	19	0
CONTIG-075425	96	3	3	7	0
CONTIG-075426	38	500	16	473	0
CONTIG-075427	136	4	15	2	0
CONTIG-075428	85	30	9	94	0
CONTIG-075429	69	12	10	13	0
CONTIG-075430	425	19	4	352	0
CONTIG-075431	240	6	0	42	0
CONTIG-075432	65	4	9	7	0
CONTIG-075433	65	4	0	11	0
CONTIG-075434	475	15	7	236	15
CONTIG-075435	419	18	35	247	2
CONTIG-075436	117	14	2	35	2
CONTIG-075437	86	10	6	34	0
CONTIG-075438	141	70	6	529	0
CONTIG-075440	125	7	0	22	0
CONTIG-075441	181	9	2	32	0
CONTIG-075442	82	3	0	9	0
CONTIG-075443	66	12	4	25	0

CONTIG-075444	134	6	7	22	0
CONTIG-075445	81	9	5	28	0
CONTIG-075446	87	3	2	6	0
CONTIG-075447	192	10	5	62	0
CONTIG-075449	67	6	13	16	0
CONTIG-075450	63	8	0	17	0
CONTIG-075451	613	11	3	31	22
CONTIG-075452	164	14	21	51	2
CONTIG-075455	164	7	16	42	0
CONTIG-075456	189	7	5	16	0
CONTIG-075457	44	22	6	28	0
CONTIG-075458	83	8	5	21	0
CONTIG-075459	111	6	0	12	0
CONTIG-075461	75	17	8	59	0
CONTIG-075462	371	10	0	51	0
CONTIG-075463	87	9	18	14	0
CONTIG-075467	59	4	2	2	0
CONTIG-075468	130	24	10	73	0
CONTIG-075469	113	8	5	25	0
CONTIG-075471	81	5	4	7	0
CONTIG-075472	63	6	6	0	0
CONTIG-075473	131	8	0	37	0
CONTIG-075474	89	8	0	31	0
CONTIG-075475	126	5	0	10	0
CONTIG-075476	198	4	12	13	0
CONTIG-075477	98	5	0	18	0
CONTIG-075478	204	8	0	34	0
CONTIG-075479	72	7	0	13	0
CONTIG-075480	90	7	2	15	0
CONTIG-075481	118	4	2	19	0
CONTIG-075482	454	8	0	0	8
CONTIG-075485	61	4	2	6	0
CONTIG-075486	98	8	5	13	0
CONTIG-075487	233	12	19	75	0
CONTIG-075488	524	11	2	0	0
CONTIG-075491	68	3	3	2	0
CONTIG-075492	809	24	0	0	139
CONTIG-075494	101	6	6	3	0
CONTIG-075495	65	4	6	0	0
CONTIG-075496	343	32	10	683	0
CONTIG-075497	105	8	3	25	0
CONTIG-075498	109	4	7	7	0
CONTIG-075499	77	23	5	75	0
CONTIG-075500	582	12	10	163	6
CONTIG-075501	70	5	9	6	0
CONTIG-075502	79	7	0	22	0
CONTIG-075503	57	128	34	192	0

CONTIG-075504	111	9	9	24	0
CONTIG-075505	67	5	10	0	0
CONTIG-075506	106	5	2	12	0
CONTIG-075509	71	5	4	5	0
CONTIG-075510	213	5	30	7	0
CONTIG-075511	118	6	2	12	0
CONTIG-075512	149	8	4	0	9
CONTIG-075513	68	15	10	43	0
CONTIG-075514	145	5	7	30	0
CONTIG-075515	134	5	2	24	0
CONTIG-075516	177	7	0	29	0
CONTIG-075517	104	3	4	4	0
CONTIG-075518	201	8	2	59	0
CONTIG-075519	476	14	25	271	0
CONTIG-075520	72	4	2	0	0
CONTIG-075521	84	8	4	29	2
CONTIG-075522	383	8	27	26	0
CONTIG-075523	153	23	13	137	0
CONTIG-075524	47	38	2	10	0
CONTIG-075525	101	4	2	12	0
CONTIG-075526	208	6	4	34	0
CONTIG-075527	112	8	21	27	0
CONTIG-075528	189	6	0	0	0
CONTIG-075529	174	7	5	30	0
CONTIG-075531	82	4	5	2	0
CONTIG-075533	256	5	4	21	3
CONTIG-075535	99	7	15	14	0
CONTIG-075537	92	7	0	2	0
CONTIG-075538	129	4	2	9	0
CONTIG-075539	116	10	0	61	0
CONTIG-075540	78	3	2	4	0
CONTIG-075541	318	9	2	74	0
CONTIG-075542	95	5	0	12	0
CONTIG-075543	104	10	7	15	0
CONTIG-075544	66	5	7	0	0
CONTIG-075545	83	8	9	4	0
CONTIG-075546	158	6	14	0	2
CONTIG-075549	135	5	2	0	4
CONTIG-075550	72	7	2	14	0
CONTIG-075552	336	13	11	17	0
CONTIG-075553	60	4	10	0	0
CONTIG-075554	116	8	3	36	0
CONTIG-075555	74	11	9	12	0
CONTIG-075556	81	2	0	0	0
CONTIG-075557	536	9	3	58	0
CONTIG-075559	222	13	0	132	0
CONTIG-075560	87	8	12	10	0

CONTIG-075561	100	5	3	19	0
CONTIG-075562	259	10	18	69	2
CONTIG-075563	121	8	9	23	0
CONTIG-075564	81	7	2	19	0
CONTIG-075565	91	6	2	24	0
CONTIG-075566	97	8	0	17	0
CONTIG-075567	69	8	4	25	0
CONTIG-075568	317	8	25	106	0
CONTIG-075569	74	5	2	13	0
CONTIG-075570	188	5	0	8	0
CONTIG-075571	196	13	11	64	0
CONTIG-075572	87	5	2	12	0
CONTIG-075573	73	4	2	14	0
CONTIG-075574	75	5	25	7	0
CONTIG-075575	78	8	5	0	0
CONTIG-075576	70	13	2	8	0
CONTIG-075577	764	118	4	0	607
CONTIG-075578	66	5	0	9	0
CONTIG-075580	68	5	4	13	0
CONTIG-075581	90	5	7	5	0
CONTIG-075584	68	12	0	0	2
CONTIG-075585	152	4	2	12	0
CONTIG-075586	190	9	23	47	0
CONTIG-075587	120	17	27	2	0
CONTIG-075588	210	4	5	24	0
CONTIG-075589	89	10	5	13	0
CONTIG-075590	259	9	11	51	0
CONTIG-075591	230	9	9	47	2
CONTIG-075593	111	4	3	6	0
CONTIG-075596	207	14	22	107	0
CONTIG-075598	67	5	0	0	0
CONTIG-075600	112	8	3	19	0
CONTIG-075602	75	4	4	7	0
CONTIG-075603	335	13	22	163	0
CONTIG-075604	73	9	5	13	0
CONTIG-075605	86	4	7	5	0
CONTIG-075607	90	11	8	36	0
CONTIG-075611	73	11	37	4	0
CONTIG-075612	112	4	4	12	0
CONTIG-075614	140	7	7	24	0
CONTIG-075615	85	4	7	8	0
CONTIG-075616	74	5	0	8	0
CONTIG-075617	96	6	3	24	0
CONTIG-075618	124	6	2	24	0
CONTIG-075619	308	15	20	124	0
CONTIG-075620	96	8	6	25	0
CONTIG-075621	131	12	20	8	2

CONTIG-075622	80	7	4	2	0
CONTIG-075623	305	12	24	33	0
CONTIG-075624	62	4	3	4	0
CONTIG-075625	350	9	3	85	2
CONTIG-075626	85	7	14	18	0
CONTIG-075628	204	9	6	42	2
CONTIG-075629	50	8	2	16	0
CONTIG-075630	169	5	22	10	0
CONTIG-075631	115	4	5	11	0
CONTIG-075632	58	9	2	24	0
CONTIG-075633	102	5	2	15	0
CONTIG-075634	141	8	14	23	0
CONTIG-075635	108	15	10	46	0
CONTIG-075636	90	86	5	253	0
CONTIG-075638	120	4	4	12	0
CONTIG-075639	163	9	7	58	0
CONTIG-075640	120	5	3	7	0
CONTIG-075641	158	13	2	68	0
CONTIG-075642	227	17	16	162	0
CONTIG-075643	289	8	10	53	0
CONTIG-075644	91	6	11	14	0
CONTIG-075645	58	7	0	13	0
CONTIG-075646	83	5	7	8	0
CONTIG-075647	129	11	14	58	0
CONTIG-075649	152	4	0	9	0
CONTIG-075650	59	6	4	2	0
CONTIG-075651	286	12	4	126	4
CONTIG-075652	65	9	3	9	0
CONTIG-075653	76	3	3	2	0
CONTIG-075654	118	3	6	5	0
CONTIG-075655	191	9	2	48	4
CONTIG-075656	71	3	2	7	0
CONTIG-075657	68	9	4	13	0
CONTIG-075658	93	6	3	0	0
CONTIG-075659	220	6	0	41	0
CONTIG-075660	228	9	0	68	2
CONTIG-075661	108	8	18	10	0
CONTIG-075662	120	6	22	21	0
CONTIG-075663	162	10	18	58	0
CONTIG-075664	78	5	6	11	0
CONTIG-075665	129	3	2	10	0
CONTIG-075666	196	9	14	49	0
CONTIG-075667	65	8	0	27	0
CONTIG-075668	62	7	0	21	0
CONTIG-075669	103	5	5	18	0
CONTIG-075670	77	102	7	330	0
CONTIG-075671	75	5	2	7	0

CONTIG-075672	625	10	35	172	2
CONTIG-075673	88	7	8	2	0
CONTIG-075674	234	10	7	120	0
CONTIG-075675	227	6	13	28	0
CONTIG-075676	150	9	8	0	0
CONTIG-075677	65	4	6	4	0
CONTIG-075679	1065	12	9	30	0
CONTIG-075680	60	4	2	8	0
CONTIG-075681	274	8	2	52	0
CONTIG-075682	359	14	12	123	0
CONTIG-075683	74	6	2	12	0
CONTIG-075684	66	6	12	2	0
CONTIG-075685	174	11	12	51	0
CONTIG-075686	39	8	2	2	0
CONTIG-075687	104	5	4	0	0
CONTIG-075688	143	8	16	10	0
CONTIG-075689	280	6	10	57	0
CONTIG-075690	171	11	31	53	0
CONTIG-075691	476	20	2	0	72
CONTIG-075692	85	7	11	17	0
CONTIG-075693	192	5	0	48	0
CONTIG-075694	156	7	2	25	0
CONTIG-075695	59	4	3	5	0
CONTIG-075696	2066	29	2	80	0
CONTIG-075697	72	6	4	0	0
CONTIG-075698	79	8	3	2	0
CONTIG-075700	150	8	0	33	2
CONTIG-075701	122	13	0	59	0
CONTIG-075702	400	9	7	17	0
CONTIG-075703	494	10	3	276	0
CONTIG-075704	240	288	7	0	298
CONTIG-075705	98	5	5	12	0
CONTIG-075706	125	39	20	289	0
CONTIG-075707	191	7	2	9	0
CONTIG-075708	65	17	6	0	0
CONTIG-075709	65	2	6	2	0
CONTIG-075710	81	2	2	0	0
CONTIG-075711	170	10	14	44	0
CONTIG-075712	162	7	16	36	0
CONTIG-075713	129	9	4	48	0
CONTIG-075714	232	5	5	34	0
CONTIG-075715	71	7	22	0	0
CONTIG-075716	123	9	3	23	3
CONTIG-075717	72	2	0	4	0
CONTIG-075718	182	10	4	45	0
CONTIG-075719	355	6	12	48	4
CONTIG-075720	89	12	15	37	0

CONTIG-075721	125	3	5	4	0
CONTIG-075722	247	13	0	0	14
CONTIG-075723	136	5	0	15	0
CONTIG-075727	262	5	2	28	0
CONTIG-075728	99	3	7	5	0
CONTIG-075729	114	13	2	73	0
CONTIG-075731	76	4	5	6	0
CONTIG-075732	36	10	3	12	0
CONTIG-075734	65	24	0	0	2
CONTIG-075737	235	16	13	120	2
CONTIG-075738	60	4	8	3	0
CONTIG-075739	413	15	11	143	9
CONTIG-075740	475	8	5	35	0
CONTIG-075741	105	2	2	0	0
CONTIG-075742	217	8	2	50	0
CONTIG-075743	83	5	3	21	0
CONTIG-075744	78	7	7	8	0
CONTIG-075745	189	11	2	47	0
CONTIG-075746	146	8	3	25	0
CONTIG-075747	76	7	11	9	0
CONTIG-075748	73	6	0	18	0
CONTIG-075749	300	30	4	396	0
CONTIG-075751	80	7	12	13	0
CONTIG-075753	307	10	5	47	0
CONTIG-075754	192	755	4	3	636
CONTIG-075755	116	6	7	14	0
CONTIG-075756	81	8	9	29	0
CONTIG-075757	93	4	2	9	0
CONTIG-075758	75	10	6	32	0
CONTIG-075759	422	9	4	93	0
CONTIG-075760	86	2	4	2	0
CONTIG-075761	115	8	8	19	0
CONTIG-075762	316	8	3	61	0
CONTIG-075763	92	6	11	13	0
CONTIG-075764	71	6	5	17	0
CONTIG-075765	61	13	21	24	0
CONTIG-075766	102	5	5	2	0
CONTIG-075767	37	23	0	14	0
CONTIG-075769	67	11	4	34	0
CONTIG-075770	85	5	0	18	0
CONTIG-075771	117	4	5	7	0
CONTIG-075772	211	11	9	90	0
CONTIG-075773	152	12	9	67	0
CONTIG-075774	257	9	0	12	0
CONTIG-075775	101	4	2	10	0
CONTIG-075776	91	11	10	35	0
CONTIG-075777	122	13	2	62	0

CONTIG-075778	193	15	26	109	0
CONTIG-075779	145	12	8	54	0
CONTIG-075780	243	19	5	250	2
CONTIG-075781	101	8	5	23	0
CONTIG-075782	94	6	0	14	0
CONTIG-075783	64	7	7	0	0
CONTIG-075784	617	17	13	366	2
CONTIG-075785	68	3	0	9	0
CONTIG-075786	58	5	0	4	0
CONTIG-075787	93	9	6	27	0
CONTIG-075788	118	12	10	66	0
CONTIG-075789	156	9	2	64	0
CONTIG-075790	199	18	7	92	2
CONTIG-075791	67	3	0	0	0
CONTIG-075792	82	4	0	8	0
CONTIG-075793	377	9	26	106	0
CONTIG-075794	79	258	8	379	0
CONTIG-075795	366	9	8	77	0
CONTIG-075796	78	8	5	15	0
CONTIG-075797	444	10	14	155	0
CONTIG-075798	385	23	8	41	2
CONTIG-075800	70	5	7	13	0
CONTIG-075801	239	15	14	119	0
CONTIG-075803	76	6	25	9	0
CONTIG-075808	372	7	12	115	0
CONTIG-075809	78	9	0	27	0
CONTIG-075810	86	3	15	2	0
CONTIG-075811	238	6	10	12	0
CONTIG-075812	68	6	4	7	0
CONTIG-075813	108	5	3	0	0
CONTIG-075814	344	12	9	84	0
CONTIG-075815	112	6	5	24	0
CONTIG-075816	494	15	3	0	87
CONTIG-075821	84	6	11	9	0
CONTIG-075822	103	8	3	22	0
CONTIG-075823	162	9	7	45	0
CONTIG-075824	63	7	2	13	0
CONTIG-075825	85	10	24	0	0
CONTIG-075826	124	6	4	25	0
CONTIG-075827	191	26	4	195	2
CONTIG-075828	143	7	19	15	0
CONTIG-075829	103	12	3	41	0
CONTIG-075830	70	9	2	19	0
CONTIG-075831	138	5	4	18	0
CONTIG-075832	62	5	0	4	0
CONTIG-075833	116	6	13	6	0
CONTIG-075834	99	4	0	10	0

CONTIG-075835	78	6	2	13	0
CONTIG-075836	118	4	0	13	0
CONTIG-075837	138	6	0	9	0
CONTIG-075838	156	8	14	44	0
CONTIG-075839	64	4	0	2	0
CONTIG-075840	60	6	3	10	0
CONTIG-075841	180	9	13	19	0
CONTIG-075842	123	4	0	3	0
CONTIG-075843	69	5	11	18	0
CONTIG-075845	105	7	2	19	0
CONTIG-075846	220	12	7	71	0
CONTIG-075847	102	5	6	13	0
CONTIG-075848	66	4	7	6	0
CONTIG-075849	133	3	17	6	0
CONTIG-075850	87	4	3	6	0
CONTIG-075851	68	5	7	8	0
CONTIG-075852	162	7	4	32	0
CONTIG-075853	63	8	2	5	0
CONTIG-075854	74	5	0	10	0
CONTIG-075855	1396	29	0	0	344
CONTIG-075856	63	5	8	7	0
CONTIG-075857	115	5	6	15	0
CONTIG-075858	120	4	0	18	0
CONTIG-075859	66	3	0	2	0
CONTIG-075860	162	11	2	0	2
CONTIG-075861	145	8	8	42	0
CONTIG-075862	553	19	8	178	14
CONTIG-075863	60	8	10	8	0
CONTIG-075864	147	15	2	97	0
CONTIG-075865	243	9	0	73	0
CONTIG-075867	80	12	5	37	0
CONTIG-075868	91	5	2	6	0
CONTIG-075869	165	5	0	29	0
CONTIG-075870	211	15	16	95	2
CONTIG-075871	316	6	14	50	0
CONTIG-075872	89	12	0	33	0
CONTIG-075873	75	2	2	0	0
CONTIG-075874	72	7	6	18	0
CONTIG-075875	74	10	2	19	0
CONTIG-075876	148	25	3	73	0
CONTIG-075877	121	10	0	18	0
CONTIG-075878	106	5	4	9	0
CONTIG-075879	125	9	19	20	0
CONTIG-075880	62	2	4	0	0
CONTIG-075882	226	8	48	30	2
CONTIG-075883	86	8	0	29	0
CONTIG-075884	66	4	6	4	0

CONTIG-075885	83	5	7	5	0
CONTIG-075886	91	5	3	7	0
CONTIG-075887	36	30	2	14	0
CONTIG-075888	104	4	8	8	0
CONTIG-075889	84	4	2	11	0
CONTIG-075891	166	7	2	44	0
CONTIG-075892	150	6	6	21	0
CONTIG-075893	59	12	0	33	0
CONTIG-075894	790	14	17	220	0
CONTIG-075895	372	27	14	478	4
CONTIG-075896	163	6	4	33	0
CONTIG-075897	68	5	0	11	0
CONTIG-075898	69	3	7	4	0
CONTIG-075900	63	4	4	6	0
CONTIG-075901	114	6	4	8	0
CONTIG-075902	167	8	0	58	2
CONTIG-075903	103	4	7	5	0
CONTIG-075904	83	7	7	0	4
CONTIG-075905	62	3	2	2	0
CONTIG-075910	84	7	4	19	0
CONTIG-075911	133	7	6	17	0
CONTIG-075912	83	4	9	0	0
CONTIG-075913	58	3	2	4	0
CONTIG-075914	67	5	5	11	0
CONTIG-075915	240	106	36	1456	0
CONTIG-075916	83	68	4	299	0
CONTIG-075917	79	7	4	7	0
CONTIG-075918	119	4	2	8	0
CONTIG-075919	256	14	7	90	0
CONTIG-075924	182	6	21	38	0
CONTIG-075925	91	5	4	14	0
CONTIG-075926	162	6	5	39	0
CONTIG-075927	93	4	17	2	0
CONTIG-075928	427	20	13	348	0
CONTIG-075929	90	7	4	0	2
CONTIG-075930	75	4	4	6	0
CONTIG-075931	89	4	10	7	0
CONTIG-075932	178	5	4	32	0
CONTIG-075933	177	9	3	63	0
CONTIG-075934	136	14	16	52	0
CONTIG-075935	110	4	0	16	0
CONTIG-075936	120	13	18	36	0
CONTIG-075937	152	15	2	36	0
CONTIG-075938	149	9	3	29	0
CONTIG-075940	122	8	8	38	0
CONTIG-075941	70	5	4	8	0
CONTIG-075942	151	19	16	140	0

CONTIG-075943	124	4	9	11	0
CONTIG-075944	94	3	2	7	0
CONTIG-075945	83	9	2	30	0
CONTIG-075946	107	5	6	10	0
CONTIG-075947	210	12	7	83	0
CONTIG-075948	69	8	9	15	0
CONTIG-075949	288	14	5	163	2
CONTIG-075950	212	15	29	51	4
CONTIG-075956	126	22	25	21	0
CONTIG-075957	110	52	9	197	2
CONTIG-075958	131	8	7	37	0
CONTIG-075959	284	8	9	109	0
CONTIG-075960	58	7	9	2	0
CONTIG-075961	77	5	12	12	0
CONTIG-075962	115	7	6	21	0
CONTIG-075963	87	6	3	5	0
CONTIG-075964	220	6	2	0	2
CONTIG-075965	120	7	3	11	0
CONTIG-075966	72	6	6	21	0
CONTIG-075969	245	8	4	0	0
CONTIG-075970	109	3	2	4	0
CONTIG-075971	95	16	0	22	0
CONTIG-075972	95	2	2	6	0
CONTIG-075973	65	3	5	2	0
CONTIG-075974	60	3	0	5	0
CONTIG-075975	140	4	3	19	0
CONTIG-075978	143	8	14	26	0
CONTIG-075979	87	5	4	10	0
CONTIG-075980	63	5	7	4	0
CONTIG-075981	433	9	26	98	7
CONTIG-075982	143	6	5	16	0
CONTIG-075983	64	4	3	10	0
CONTIG-075985	145	6	6	2	0
CONTIG-075986	58	6	6	9	0
CONTIG-075987	78	8	4	20	2
CONTIG-075988	123	11	2	56	0
CONTIG-075989	58	4	5	4	0
CONTIG-075990	210	7	13	37	0
CONTIG-075991	96	6	0	6	0
CONTIG-075992	74	9	4	26	0
CONTIG-075993	307	10	2	0	18
CONTIG-075994	99	24	15	33	0
CONTIG-075995	61	9	10	10	0
CONTIG-075996	86	2	6	2	0
CONTIG-075998	73	7	2	0	0
CONTIG-075999	79	8	4	19	0
CONTIG-076000	153	16	0	2	0

CONTIG-076001	197	6	19	16	0
CONTIG-076002	105	9	16	12	0
CONTIG-076003	164	4	0	14	0
CONTIG-076004	68	4	3	6	0
CONTIG-076005	90	4	14	10	0
CONTIG-076006	215	10	10	94	0
CONTIG-076009	79	5	0	6	0
CONTIG-076010	145	6	14	14	0
CONTIG-076011	90	4	0	6	0
CONTIG-076013	39	18	0	10	0
CONTIG-076014	108	7	0	27	0
CONTIG-076015	211	11	7	52	0
CONTIG-076016	138	7	5	30	0
CONTIG-076017	449	55	37	40	0
CONTIG-076018	95	7	13	25	0
CONTIG-076019	194	11	8	54	0
CONTIG-076020	123	9	6	42	0
CONTIG-076021	96	4	3	9	0
CONTIG-076022	63	8	9	5	0
CONTIG-076023	68	3	3	4	0
CONTIG-076024	68	3	0	0	0
CONTIG-076025	64	6	21	5	0
CONTIG-076026	227	18	21	119	4
CONTIG-076028	226	26	37	169	7
CONTIG-076029	62	5	14	0	0
CONTIG-076030	74	8	2	18	0
CONTIG-076031	428	9	8	110	0
CONTIG-076032	100	4	0	10	2
CONTIG-076033	557	16	0	0	54
CONTIG-076034	197	8	11	20	0
CONTIG-076035	97	5	3	0	0
CONTIG-076036	67	5	0	4	0
CONTIG-076037	151	6	11	18	0
CONTIG-076038	131	9	0	36	2
CONTIG-076039	231	14	8	122	0
CONTIG-076040	79	8	2	15	0
CONTIG-076041	63	4	3	4	0
CONTIG-076042	146	4	0	15	0
CONTIG-076043	87	5	7	9	0
CONTIG-076044	75	5	0	17	0
CONTIG-076045	223	6	3	0	2
CONTIG-076046	376	11	12	165	0
CONTIG-076047	137	7	14	28	0
CONTIG-076048	113	6	5	29	0
CONTIG-076049	150	14	5	71	0
CONTIG-076050	86	6	0	29	0
CONTIG-076051	66	5	4	13	0

CONTIG-076052	125	10	7	10	0
CONTIG-076053	151	5	2	42	0
CONTIG-076059	68	3	0	0	0
CONTIG-076065	110	10	15	5	0
CONTIG-076066	85	7	2	24	0
CONTIG-076068	150	15	13	75	0
CONTIG-076070	58	10	7	22	0
CONTIG-076071	73	10	16	21	0
CONTIG-076072	80	5	9	12	0
CONTIG-076073	121	7	8	26	0
CONTIG-076074	135	6	5	34	2
CONTIG-076075	712	134	6	0	1997
CONTIG-076077	76	11	26	0	0
CONTIG-076078	168	6	2	32	0
CONTIG-076079	135	5	0	21	0
CONTIG-076080	702	14	20	199	9
CONTIG-076081	62	2	2	0	0
CONTIG-076082	58	3	0	2	0
CONTIG-076083	64	6	6	12	0
CONTIG-076084	74	6	2	8	0
CONTIG-076085	77	4	7	4	0
CONTIG-076088	78	14	18	56	0
CONTIG-076090	63	7	3	5	2
CONTIG-076091	62	11	5	2	0
CONTIG-076092	58	2	0	2	0
CONTIG-076093	162	17	3	113	2
CONTIG-076094	198	6	0	34	0
CONTIG-076095	75	15	9	36	2
CONTIG-076096	56	65	3	173	0
CONTIG-076098	67	12	26	13	2
CONTIG-076099	146	21	9	4	0
CONTIG-076100	38	137	5	72	5
CONTIG-076101	164	10	2	50	0
CONTIG-076102	134	5	12	20	0
CONTIG-076103	80	5	4	0	0
CONTIG-076104	100	3	4	4	0
CONTIG-076105	149	6	2	0	4
CONTIG-076106	103	8	9	5	0
CONTIG-076107	83	3	4	5	0
CONTIG-076108	119	8	7	19	0
CONTIG-076109	81	3	0	6	0
CONTIG-076110	168	8	3	31	0
CONTIG-076111	104	4	0	21	0
CONTIG-076112	38	22	4	13	0
CONTIG-076114	164	8	0	36	0
CONTIG-076115	61	11	15	3	0
CONTIG-076116	39	28	15	22	0

CONTIG-076117	191	19	9	90	3
CONTIG-076118	110	9	4	26	0
CONTIG-076119	211	4	0	27	0
CONTIG-076120	91	18	6	69	0
CONTIG-076121	108	5	7	4	0
CONTIG-076123	88	3	5	4	0
CONTIG-076125	79	8	3	14	0
CONTIG-076126	71	42	29	0	0
CONTIG-076127	636	9	9	148	9
CONTIG-076128	75	4	2	8	0
CONTIG-076129	58	5	8	7	0
CONTIG-076130	63	9	5	10	0
CONTIG-076131	65	9	2	21	0
CONTIG-076132	451	13	14	17	8
CONTIG-076133	232	5	2	11	0
CONTIG-076134	200	6	10	39	0
CONTIG-076135	128	4	2	18	0
CONTIG-076136	136	12	6	53	0
CONTIG-076137	83	9	4	19	0
CONTIG-076138	53	47	5	73	3
CONTIG-076140	156	6	4	34	0
CONTIG-076141	152	5	2	17	0
CONTIG-076142	99	12	2	45	0
CONTIG-076143	75	7	3	29	0
CONTIG-076144	62	4	6	4	0
CONTIG-076145	78	3	4	0	0
CONTIG-076146	174	7	4	22	0
CONTIG-076147	103	9	2	30	0
CONTIG-076148	343	12	15	186	0
CONTIG-076149	86	6	9	11	0
CONTIG-076150	149	9	8	2	0
CONTIG-076151	74	5	2	11	0
CONTIG-076152	66	4	4	3	0
CONTIG-076153	199	6	7	28	0
CONTIG-076154	67	6	0	5	0
CONTIG-076155	85	5	0	6	0
CONTIG-076156	75	3	5	4	0
CONTIG-076157	157	6	10	20	0
CONTIG-076158	113	10	9	34	0
CONTIG-076159	111	4	5	14	0
CONTIG-076161	73	3	2	2	0
CONTIG-076162	68	5	0	9	0
CONTIG-076163	113	19	22	89	0
CONTIG-076164	185	10	5	19	2
CONTIG-076165	103	14	11	56	0
CONTIG-076166	121	7	2	31	2
CONTIG-076167	84	8	3	12	0

CONTIG-076168	155	16	29	103	0
CONTIG-076169	93	4	0	0	2
CONTIG-076170	102	3	2	0	0
CONTIG-076171	70	4	6	2	0
CONTIG-076172	69	4	0	12	0
CONTIG-076173	94	10	2	38	0
CONTIG-076174	477	91	0	2	232
CONTIG-076175	64	290	0	0	77
CONTIG-076176	58	5	4	3	0
CONTIG-076177	87	3	8	9	0
CONTIG-076178	129	5	6	8	0
CONTIG-076179	96	8	19	0	7
CONTIG-076180	100	5	7	21	0
CONTIG-076181	59	8	17	7	0
CONTIG-076182	83	8	10	2	0
CONTIG-076183	124	5	3	6	0
CONTIG-076184	41	144	10	147	14
CONTIG-076185	89	2	2	2	0
CONTIG-076186	290	2	2	10	0
CONTIG-076187	419	47	12	55	0
CONTIG-076188	126	9	13	44	0
CONTIG-076189	242	8	14	40	0
CONTIG-076190	69	14	7	35	0
CONTIG-076191	92	4	9	0	0
CONTIG-076192	195	6	2	0	3
CONTIG-076193	63	8	4	0	0
CONTIG-076194	222	8	13	23	5
CONTIG-076195	133	8	4	40	0
CONTIG-076196	191	9	4	70	2
CONTIG-076197	196	15	8	78	0
CONTIG-076198	130	14	6	67	0
CONTIG-076199	155	13	5	74	0
CONTIG-076200	194	5	4	25	0
CONTIG-076201	105	3	0	6	0
CONTIG-076202	68	8	6	15	0
CONTIG-076203	187	16	11	5	0
CONTIG-076204	65	3	2	4	0
CONTIG-076206	81	6	0	14	0
CONTIG-076207	81	7	0	8	0
CONTIG-076208	113	5	0	12	0
CONTIG-076209	1076	16	6	588	13
CONTIG-076210	298	7	17	54	2
CONTIG-076211	325	13	7	48	0
CONTIG-076212	101	4	2	18	0
CONTIG-076213	71	11	3	17	0
CONTIG-076214	179	4	5	10	0
CONTIG-076215	123	7	4	19	0

CONTIG-076216	292	8	7	88	0
CONTIG-076217	140	16	0	85	0
CONTIG-076219	124	20	7	56	2
CONTIG-076221	70	22	4	59	0
CONTIG-076222	53	56	7	72	0
CONTIG-076223	74	14	5	17	2
CONTIG-076224	440	8	10	99	0
CONTIG-076225	177	5	0	26	0
CONTIG-076226	85	5	10	4	0
CONTIG-076227	185	7	9	49	0
CONTIG-076228	168	16	7	74	5
CONTIG-076229	164	6	7	37	0
CONTIG-076232	101	10	10	45	0
CONTIG-076233	104	21	5	131	0
CONTIG-076234	100	5	0	11	0
CONTIG-076235	62	2	2	0	0
CONTIG-076236	210	12	13	87	0
CONTIG-076237	295	16	17	252	0
CONTIG-076238	105	6	11	4	0
CONTIG-076243	83	6	5	10	0
CONTIG-076244	98	5	7	22	0
CONTIG-076245	73	8	19	5	0
CONTIG-076246	77	6	27	9	0
CONTIG-076247	94	6	4	16	0
CONTIG-076248	240	8	7	56	4
CONTIG-076249	273	21	11	206	0
CONTIG-076250	281	7	9	72	2
CONTIG-076251	101	5	2	12	0
CONTIG-076252	96	6	2	19	0
CONTIG-076253	69	5	0	4	0
CONTIG-076256	165	6	2	36	0
CONTIG-076257	67	6	2	8	0
CONTIG-076258	222	16	17	134	0
CONTIG-076259	90	8	6	24	0
CONTIG-076262	219	12	16	86	2
CONTIG-076263	64	8	4	18	0
CONTIG-076265	299	7	11	70	2
CONTIG-076266	114	4	5	8	0
CONTIG-076267	241	8	0	62	0
CONTIG-076268	64	5	8	0	0
CONTIG-076269	350	6	6	78	0
CONTIG-076270	78	3	6	2	0
CONTIG-076271	148	13	2	48	2
CONTIG-076272	289	27	0	426	0
CONTIG-076273	247	10	2	91	0
CONTIG-076274	62	4	0	0	0
CONTIG-076275	60	5	3	12	0

CONTIG-076278	218	13	5	121	0
CONTIG-076279	170	10	10	23	4
CONTIG-076281	68	4	5	7	0
CONTIG-076282	97	5	3	7	0
CONTIG-076283	85	7	16	16	0
CONTIG-076284	65	18	4	26	0
CONTIG-076285	132	11	9	15	2
CONTIG-076286	193	15	5	103	4
CONTIG-076287	128	6	8	21	0
CONTIG-076288	114	7	3	18	0
CONTIG-076289	85	9	22	16	0
CONTIG-076290	217	8	16	35	0
CONTIG-076291	260	41	10	414	12
CONTIG-076292	157	13	37	2	0
CONTIG-076294	58	4	2	8	0
CONTIG-076295	234	10	4	51	0
CONTIG-076296	100	7	9	23	0
CONTIG-076297	110	5	6	19	0
CONTIG-076298	62	6	11	0	0
CONTIG-076302	62	5	11	12	0
CONTIG-076303	85	12	2	14	2
CONTIG-076304	72	4	2	8	0
CONTIG-076305	97	5	4	13	0
CONTIG-076306	85	6	0	16	0
CONTIG-076307	83	5	14	3	0
CONTIG-076308	130	7	2	11	0
CONTIG-076309	100	5	4	7	0
CONTIG-076310	141	5	6	17	0
CONTIG-076311	102	8	6	20	0
CONTIG-076312	257	10	10	65	0
CONTIG-076313	76	3	3	0	0
CONTIG-076314	152	11	4	66	0
CONTIG-076315	154	4	4	19	0
CONTIG-076316	62	4	2	9	0
CONTIG-076317	76	5	7	10	0
CONTIG-076318	828	56	25	85	0
CONTIG-076319	449	11	11	150	0
CONTIG-076320	152	5	8	25	0
CONTIG-076321	118	4	0	10	0
CONTIG-076322	298	11	9	4	0
CONTIG-076323	176	7	0	21	2
CONTIG-076324	61	3	0	7	0
CONTIG-076325	80	3	0	2	0
CONTIG-076326	87	4	7	4	0
CONTIG-076327	271	8	17	37	0
CONTIG-076328	76	4	4	2	0
CONTIG-076329	80	4	2	4	0

CONTIG-076330	130	6	4	25	0
CONTIG-076331	62	13	8	25	0
CONTIG-076332	103	4	4	16	0
CONTIG-076333	167	6	0	32	2
CONTIG-076334	194	6	5	37	0
CONTIG-076335	149	7	0	13	4
CONTIG-076336	103	4	3	13	0
CONTIG-076337	126	6	7	0	0
CONTIG-076338	119	6	10	2	0
CONTIG-076344	97	6	0	15	0
CONTIG-076350	87	4	2	6	0
CONTIG-076351	231	11	20	78	0
CONTIG-076352	69	2	0	2	0
CONTIG-076353	156	10	2	69	0
CONTIG-076357	310	5	4	55	0
CONTIG-076358	89	4	5	0	0
CONTIG-076359	93	4	6	6	0
CONTIG-076360	92	5	4	10	0
CONTIG-076363	111	4	0	8	0
CONTIG-076364	214	6	2	27	0
CONTIG-076365	101	5	3	12	0
CONTIG-076367	150	13	6	75	0
CONTIG-076368	128	6	15	17	0
CONTIG-076369	70	6	5	10	0
CONTIG-076370	83	4	0	14	0
CONTIG-076371	103	12	0	28	0
CONTIG-076373	70	14	0	16	0
CONTIG-076374	59	29	0	57	0
CONTIG-076375	222	4	0	19	0
CONTIG-076376	104	12	24	41	0
CONTIG-076377	139	9	21	41	0
CONTIG-076378	255	8	27	50	0
CONTIG-076381	48	157	0	0	120
CONTIG-076386	53	2429	0	0	2845
CONTIG-076388	63	5	4	5	0
CONTIG-076389	67	6	4	19	2
CONTIG-076390	72	4	10	5	0
CONTIG-076391	98	6	3	0	0
CONTIG-076392	95	8	7	0	0
CONTIG-076393	458	11	9	223	2
CONTIG-076394	645	12	8	284	2
CONTIG-076395	93	4	9	8	0
CONTIG-076396	88	8	9	11	0
CONTIG-076397	139	6	5	8	0
CONTIG-076398	156	11	6	35	0
CONTIG-076399	86	8	5	9	0
CONTIG-076400	616	25	2	2	44

CONTIG-076401	179	10	16	54	0
CONTIG-076402	92	3	3	12	0
CONTIG-076404	68	5	2	12	0
CONTIG-076405	144	7	2	41	0
CONTIG-076406	145	10	2	51	2
CONTIG-076407	83	5	0	14	0
CONTIG-076408	129	6	18	24	0
CONTIG-076409	213	11	2	101	0
CONTIG-076410	77	5	8	9	0
CONTIG-076411	65	2	2	0	0
CONTIG-076412	74	8	11	14	0
CONTIG-076413	80	4	2	2	0
CONTIG-076421	109	3	5	2	0
CONTIG-076422	283	5	2	12	0
CONTIG-076423	65	2	0	3	0
CONTIG-076424	68	8	5	19	0
CONTIG-076425	58	3	11	2	0
CONTIG-076428	68	6	4	4	0
CONTIG-076429	100	10	4	42	0
CONTIG-076430	139	8	2	39	0
CONTIG-076431	112	3	0	4	0
CONTIG-076436	126	12	2	57	0
CONTIG-076437	70	4	0	0	0
CONTIG-076438	67	7	0	5	0
CONTIG-076439	158	10	2	72	0
CONTIG-076440	80	5	4	13	0
CONTIG-076441	146	5	5	28	0
CONTIG-076442	101	2	2	5	0
CONTIG-076443	93	8	9	23	0
CONTIG-076444	277	14	34	44	0
CONTIG-076445	37	186	8	178	0
CONTIG-076446	60	5	3	9	0
CONTIG-076447	92	3	4	7	0
CONTIG-076448	68	11	14	8	0
CONTIG-076449	137	4	0	12	0
CONTIG-076450	141	6	3	10	0
CONTIG-076451	176	3	4	14	0
CONTIG-076453	172	12	3	95	0
CONTIG-076454	124	6	8	4	0
CONTIG-076455	180	8	2	42	0
CONTIG-076456	156	10	9	41	2
CONTIG-076457	159	5	2	25	0
CONTIG-076458	213	7	9	39	0
CONTIG-076459	300	6	21	55	0
CONTIG-076460	93	6	0	16	0
CONTIG-076461	315	20	14	147	2
CONTIG-076464	123	4	3	2	0

CONTIG-076465	62	2	0	2	0
CONTIG-076468	92	6	2	4	2
CONTIG-076469	101	4	4	0	0
CONTIG-076470	116	4	10	14	0
CONTIG-076471	146	5	13	23	0
CONTIG-076472	116	9	16	28	0
CONTIG-076473	91	4	7	4	0
CONTIG-076474	260	9	12	57	2
CONTIG-076475	91	3	5	2	0
CONTIG-076476	117	11	17	40	0
CONTIG-076477	79	8	2	8	0
CONTIG-076478	60	6	4	6	0
CONTIG-076479	62	3	7	2	0
CONTIG-076482	202	22	10	160	0
CONTIG-076483	411	70	5	0	228
CONTIG-076484	180	5	4	25	2
CONTIG-076485	173	7	2	43	0
CONTIG-076486	483	11	16	217	0
CONTIG-076487	76	5	0	4	0
CONTIG-076488	88	4	0	10	0
CONTIG-076489	214	5	8	20	0
CONTIG-076490	59	36	3	0	0
CONTIG-076491	58	13	26	0	0
CONTIG-076492	325	12	9	168	0
CONTIG-076493	69	4	6	0	0
CONTIG-076494	319	9	7	99	0
CONTIG-076496	181	5	5	35	0
CONTIG-076497	79	51	6	76	0
CONTIG-076498	80	4	2	2	0
CONTIG-076499	84	3	2	5	0
CONTIG-076500	122	8	3	38	0
CONTIG-076503	159	7	3	16	3
CONTIG-076504	224	11	9	46	0
CONTIG-076505	141	10	22	50	0
CONTIG-076506	71	6	0	11	0
CONTIG-076507	120	5	18	9	0
CONTIG-076508	95	7	2	30	0
CONTIG-076509	250	19	4	175	0
CONTIG-076510	96	6	8	19	0
CONTIG-076511	439	32	20	399	4
CONTIG-076512	74	6	2	0	0
CONTIG-076513	83	7	2	17	0
CONTIG-076514	164	7	4	35	0
CONTIG-076515	77	8	5	12	0
CONTIG-076516	165	9	0	22	0
CONTIG-076517	382	8	2	67	3
CONTIG-076518	212	6	17	28	0

CONTIG-076519	157	5	0	12	0
CONTIG-076520	109	4	3	11	0
CONTIG-076521	564	9	24	129	2
CONTIG-076522	265	5	3	50	0
CONTIG-076523	128	5	0	5	0
CONTIG-076524	165	8	2	57	0
CONTIG-076525	77	11	4	30	0
CONTIG-076526	78	2	4	2	0
CONTIG-076527	58	2	0	0	0
CONTIG-076528	504	10	6	154	0
CONTIG-076529	232	7	19	42	0
CONTIG-076530	149	5	8	27	0
CONTIG-076534	155	27	25	101	10
CONTIG-076535	78	6	9	10	0
CONTIG-076536	193	18	6	152	0
CONTIG-076539	61	6	5	7	0
CONTIG-076540	120	8	5	8	0
CONTIG-076541	101	6	0	15	0
CONTIG-076542	173	4	9	6	0
CONTIG-076543	65	3	0	5	0
CONTIG-076544	141	7	10	26	0
CONTIG-076545	62	3	0	5	0
CONTIG-076546	63	3	16	2	0
CONTIG-076547	72	6	9	0	0
CONTIG-076548	105	6	10	18	0
CONTIG-076549	61	9	2	9	0
CONTIG-076550	192	9	13	25	0
CONTIG-076551	404	90	3	0	178
CONTIG-076552	160	8	4	39	0
CONTIG-076553	112	5	4	17	0
CONTIG-076554	85	8	5	14	0
CONTIG-076555	109	5	6	14	0
CONTIG-076557	213	10	4	39	0
CONTIG-076558	83	6	14	7	0
CONTIG-076559	258	16	26	75	2
CONTIG-076560	66	8	0	0	2
CONTIG-076563	98	5	4	8	0
CONTIG-076564	59	7	13	13	0
CONTIG-076565	104	5	3	6	0
CONTIG-076568	59	3	0	6	0
CONTIG-076569	71	4	3	8	0
CONTIG-076570	161	11	14	56	0
CONTIG-076571	69	4	0	4	0
CONTIG-076573	349	65	0	0	639
CONTIG-076574	126	6	2	7	0
CONTIG-076575	92	4	7	6	0
CONTIG-076576	123	3	2	8	0

CONTIG-076580	238	20	24	87	4
CONTIG-076581	60	5	3	5	0
CONTIG-076582	179	4	17	16	0
CONTIG-076583	111	5	2	17	0
CONTIG-076584	99	5	0	12	0
CONTIG-076585	58	20	6	19	0
CONTIG-076586	111	5	14	4	0
CONTIG-076587	60	6	2	5	0
CONTIG-076588	91	11	3	31	0
CONTIG-076589	65	4	5	0	0
CONTIG-076590	188	12	0	68	2
CONTIG-076591	63	4	8	0	0
CONTIG-076592	72	4	4	7	0
CONTIG-076593	180	6	2	32	0
CONTIG-076594	119	6	7	4	0
CONTIG-076595	138	5	12	9	0
CONTIG-076596	290	68	0	0	340
CONTIG-076597	37	411	16	49	0
CONTIG-076598	251	11	5	118	0
CONTIG-076599	174	7	10	16	0
CONTIG-076600	68	6	2	5	0
CONTIG-076601	110	7	12	17	0
CONTIG-076602	71	4	3	2	0
CONTIG-076603	207	5	5	27	0
CONTIG-076604	105	4	3	10	0
CONTIG-076605	63	3	5	2	0
CONTIG-076606	124	6	2	17	0
CONTIG-076607	125	4	4	7	0
CONTIG-076608	301	10	11	68	6
CONTIG-076609	654	14	6	246	8
CONTIG-076610	62	5	5	7	0
CONTIG-076611	114	11	2	0	8
CONTIG-076612	243	7	24	49	0
CONTIG-076613	68	5	9	3	0
CONTIG-076614	99	5	7	18	0
CONTIG-076615	65	6	4	2	0
CONTIG-076616	74	13	14	15	0
CONTIG-076617	352	7	3	5	0
CONTIG-076618	125	8	0	33	0
CONTIG-076619	67	5	2	7	0
CONTIG-076620	132	10	33	20	0
CONTIG-076621	95	5	7	13	2
CONTIG-076622	145	8	3	34	0
CONTIG-076623	88	10	6	23	0
CONTIG-076624	66	3	6	6	0
CONTIG-076625	116	6	2	7	0
CONTIG-076626	64	4	8	5	0

CONTIG-076627	143	4	0	4	0
CONTIG-076628	66	5	0	12	0
CONTIG-076629	61	21	0	52	0
CONTIG-076630	100	7	5	26	0
CONTIG-076631	80	5	2	15	0
CONTIG-076632	87	6	4	7	0
CONTIG-076633	110	13	4	70	0
CONTIG-076634	78	18	0	9	0
CONTIG-076635	165	9	9	43	0
CONTIG-076636	119	9	26	27	0
CONTIG-076637	92	9	7	33	0
CONTIG-076638	165	7	17	16	0
CONTIG-076639	217	8	11	46	2
CONTIG-076640	58	6	8	0	0
CONTIG-076641	67	2	2	3	0
CONTIG-076642	108	6	11	10	0
CONTIG-076643	65	4	0	6	0
CONTIG-076644	142	12	8	60	0
CONTIG-076645	144	7	17	32	0
CONTIG-076646	108	8	14	27	0
CONTIG-076647	174	4	9	17	0
CONTIG-076648	436	14	0	0	2
CONTIG-076649	58	18	4	2	0
CONTIG-076650	120	8	3	28	0
CONTIG-076651	91	5	4	16	0
CONTIG-076652	74	6	3	7	0
CONTIG-076653	68	4	3	9	0
CONTIG-076654	184	11	0	0	16
CONTIG-076655	101	6	5	4	0
CONTIG-076656	153	9	4	40	0
CONTIG-076657	205	8	13	40	0
CONTIG-076658	77	3	0	6	0
CONTIG-076659	100	9	14	17	0
CONTIG-076660	132	16	6	61	0
CONTIG-076661	111	28	12	0	0
CONTIG-076662	189	6	19	11	0
CONTIG-076663	95	4	0	7	0
CONTIG-076665	48	230	8	397	0
CONTIG-076666	172	10	8	46	0
CONTIG-076667	79	6	3	8	0
CONTIG-076668	69	44	7	80	0
CONTIG-076669	186	14	8	129	0
CONTIG-076671	119	13	0	71	0
CONTIG-076672	103	6	0	28	2
CONTIG-076673	126	3	0	9	0
CONTIG-076674	89	4	0	2	0
CONTIG-076675	197	10	0	24	0

CONTIG-076676	126	6	10	19	0
CONTIG-076677	104	11	5	30	0
CONTIG-076678	63	4	0	0	0
CONTIG-076679	112	5	0	0	8
CONTIG-076680	145	12	9	31	0
CONTIG-076681	86	10	12	21	0
CONTIG-076682	133	15	15	4	0
CONTIG-076684	103	2	2	0	0
CONTIG-076685	106	14	12	44	0
CONTIG-076686	231	11	11	53	2
CONTIG-076687	60	8	2	7	0
CONTIG-076688	224	7	3	12	8
CONTIG-076689	65	622	36	1063	0
CONTIG-076690	101	5	0	12	0
CONTIG-076691	73	3	0	4	0
CONTIG-076692	92	5	2	17	0
CONTIG-076693	79	8	5	16	0
CONTIG-076694	72	6	8	5	0
CONTIG-076695	180	6	9	41	0
CONTIG-076696	75	7	9	14	0
CONTIG-076697	1280	22	6	23	0
CONTIG-076698	257	36	3	0	50
CONTIG-076699	103	4	5	13	0
CONTIG-076700	408	11	8	107	8
CONTIG-076701	75	5	5	7	0
CONTIG-076702	234	5	3	30	0
CONTIG-076703	293	6	17	26	2
CONTIG-076704	47	109	5	0	36
CONTIG-076705	146	7	4	29	0
CONTIG-076706	62	12	7	23	0
CONTIG-076707	124	4	3	14	0
CONTIG-076708	85	40	3	135	0
CONTIG-076710	62	4	0	4	0
CONTIG-076711	248	8	0	84	0
CONTIG-076712	367	14	5	101	2
CONTIG-076713	197	14	7	72	2
CONTIG-076714	78	4	6	2	0
CONTIG-076715	81	4	3	2	0
CONTIG-076716	155	5	0	6	0
CONTIG-076717	214	6	6	30	0
CONTIG-076718	338	6	8	42	2
CONTIG-076719	59	4	6	10	0
CONTIG-076720	81	9	2	33	0
CONTIG-076721	65	13	7	15	0
CONTIG-076723	98	6	0	22	0
CONTIG-076724	254	8	5	91	0
CONTIG-076725	85	6	2	13	0

CONTIG-076726	63	9	3	30	0
CONTIG-076727	213	9	15	44	0
CONTIG-076728	90	9	2	30	0
CONTIG-076730	135	7	0	37	0
CONTIG-076731	105	68	5	337	0
CONTIG-076732	84	3	7	2	0
CONTIG-076733	62	8	8	22	0
CONTIG-076734	267	9	2	35	2
CONTIG-076735	97	8	0	22	0
CONTIG-076736	80	8	4	14	2
CONTIG-076737	351	14	35	147	0
CONTIG-076738	79	5	8	8	0
CONTIG-076739	77	3	0	4	0
CONTIG-076740	87	3	0	11	0
CONTIG-076741	210	7	33	27	0
CONTIG-076743	79	5	0	5	0
CONTIG-076744	58	18	4	10	0
CONTIG-076745	295	7	19	49	0
CONTIG-076746	91	4	7	3	0
CONTIG-076748	117	5	6	14	0
CONTIG-076749	66	8	6	11	0
CONTIG-076750	82	7	8	12	0
CONTIG-076751	138	3	2	0	0
CONTIG-076752	251	12	9	53	0
CONTIG-076753	206	15	19	96	2
CONTIG-076754	409	17	15	293	0
CONTIG-076755	63	4	0	5	0
CONTIG-076757	199	5	3	21	0
CONTIG-076758	181	37	18	272	0
CONTIG-076759	77	6	10	0	0
CONTIG-076760	79	7	0	12	0
CONTIG-076762	93	10	0	42	0
CONTIG-076763	98	15	20	47	0
CONTIG-076764	360	10	13	109	0
CONTIG-076765	91	6	3	9	0
CONTIG-076766	80	6	8	13	0
CONTIG-076767	72	3	2	0	0
CONTIG-076768	95	6	6	20	0
CONTIG-076770	272	8	19	53	0
CONTIG-076771	87	5	3	17	0
CONTIG-076772	117	11	2	58	0
CONTIG-076773	97	5	4	18	0
CONTIG-076775	175	8	6	34	0
CONTIG-076776	95	10	5	25	0
CONTIG-076777	59	4	3	4	0
CONTIG-076778	291	9	2	92	0
CONTIG-076779	75	14	14	21	0

CONTIG-076780	62	6	2	15	0
CONTIG-076781	553	12	4	157	4
CONTIG-076783	73	5	5	11	0
CONTIG-076784	89	11	11	17	0
CONTIG-076785	185	8	8	23	0
CONTIG-076786	91	6	0	16	0
CONTIG-076788	177	8	8	46	0
CONTIG-076789	109	9	9	34	3
CONTIG-076790	63	3	2	0	0
CONTIG-076795	95	10	5	28	0
CONTIG-076796	82	23	5	88	0
CONTIG-076798	311	7	2	69	0
CONTIG-076799	101	4	2	4	0
CONTIG-076800	125	8	10	18	0
CONTIG-076801	82	4	4	10	0
CONTIG-076802	117	8	2	32	0
CONTIG-076803	160	6	8	18	0
CONTIG-076804	114	2	3	6	0
CONTIG-076805	66	3	3	5	0
CONTIG-076806	251	14	12	126	4
CONTIG-076807	75	3	2	5	0
CONTIG-076808	149	13	0	0	24
CONTIG-076809	65	6	20	2	0
CONTIG-076810	61	20	5	20	0
CONTIG-076811	215	10	8	78	0
CONTIG-076812	58	65	4	115	0
CONTIG-076813	68	6	8	11	0
CONTIG-076814	68	7	3	8	2
CONTIG-076815	135	6	10	32	0
CONTIG-076816	585	46	0	0	447
CONTIG-076817	331	12	11	32	0
CONTIG-076818	103	11	12	17	0
CONTIG-076819	159	6	8	15	0
CONTIG-076820	84	6	7	16	0
CONTIG-076821	58	13	7	16	2
CONTIG-076822	81	7	4	16	0
CONTIG-076823	171	8	2	20	0
CONTIG-076825	128	5	2	14	0
CONTIG-076826	127	32	35	66	5
CONTIG-076827	61	3	3	7	0
CONTIG-076829	59	4	0	5	0
CONTIG-076830	59	4	2	4	0
CONTIG-076831	88	9	7	26	0
CONTIG-076832	118	5	13	8	0
CONTIG-076833	106	8	4	32	0
CONTIG-076834	89	4	5	2	0
CONTIG-076835	88	4	4	11	0

CONTIG-076836	109	8	2	26	0
CONTIG-076837	87	6	8	13	0
CONTIG-076839	86	5	8	14	0
CONTIG-076843	313	8	3	24	0
CONTIG-076845	61	7	8	8	0
CONTIG-076846	185	7	2	33	0
CONTIG-076847	181	11	14	70	0
CONTIG-076848	64	3	0	0	0
CONTIG-076850	49	38	6	38	0
CONTIG-076851	378	77	4	0	467
CONTIG-076852	60	8	0	0	0
CONTIG-076853	117	7	10	32	0
CONTIG-076854	152	4	4	2	0
CONTIG-076857	76	4	3	6	0
CONTIG-076858	194	13	10	68	0
CONTIG-076859	289	8	8	53	0
CONTIG-076860	324	7	6	91	0
CONTIG-076861	81	4	18	5	0
CONTIG-076862	159	4	7	13	0
CONTIG-076864	262	7	4	57	2
CONTIG-076868	89	7	11	14	0
CONTIG-076869	74	6	14	2	0
CONTIG-076872	100	7	6	21	0
CONTIG-076873	183	17	8	141	0
CONTIG-076874	84	7	0	12	0
CONTIG-076875	147	5	7	19	0
CONTIG-076876	67	4	6	5	0
CONTIG-076877	505	9	18	88	0
CONTIG-076878	133	5	2	18	0
CONTIG-076879	102	4	0	9	0
CONTIG-076880	64	5	0	14	0
CONTIG-076881	84	7	0	10	0
CONTIG-076882	69	6	10	0	0
CONTIG-076883	65	3	2	4	0
CONTIG-076884	106	6	2	7	0
CONTIG-076885	84	9	10	32	0
CONTIG-076886	137	4	2	16	0
CONTIG-076887	112	8	6	32	0
CONTIG-076888	133	10	8	35	0
CONTIG-076889	138	12	17	18	0
CONTIG-076890	106	4	5	0	0
CONTIG-076891	91	5	2	12	0
CONTIG-076892	56	47	3	0	14
CONTIG-076893	59	4	7	4	0
CONTIG-076894	80	3	0	0	0
CONTIG-076895	121	4	2	18	0
CONTIG-076896	130	12	6	55	0

CONTIG-076897	536	91	4	0	145
CONTIG-076898	85	3	5	6	0
CONTIG-076899	58	7	2	12	0
CONTIG-076905	319	16	22	35	30
CONTIG-076906	99	13	12	61	0
CONTIG-076907	116	5	17	3	0
CONTIG-076908	332	8	3	100	0
CONTIG-076911	59	8	7	12	0
CONTIG-076912	114	4	0	8	0
CONTIG-076913	71	9	13	0	0
CONTIG-076914	84	6	7	17	0
CONTIG-076915	103	3	2	8	0
CONTIG-076916	102	5	2	11	0
CONTIG-076917	86	5	2	5	0
CONTIG-076918	156	10	7	11	0
CONTIG-076919	402	14	12	191	3
CONTIG-076920	80	9	7	9	0
CONTIG-076921	145	15	0	23	0
CONTIG-076927	63	13	6	14	0
CONTIG-076928	73	4	2	9	0
CONTIG-076929	283	11	3	164	0
CONTIG-076930	91	7	7	11	0
CONTIG-076931	80	18	24	0	0
CONTIG-076932	168	3	0	18	2
CONTIG-076933	66	6	12	2	0
CONTIG-076934	127	29	2	191	0
CONTIG-076935	93	22	8	106	0
CONTIG-076937	224	11	2	0	2
CONTIG-076938	144	7	2	2	0
CONTIG-076939	217	8	9	59	0
CONTIG-076940	60	2	4	0	0
CONTIG-076941	162	6	11	36	0
CONTIG-076942	69	5	2	11	0
CONTIG-076943	73	4	0	9	0
CONTIG-076944	178	4	13	23	0
CONTIG-076945	72	3	0	12	0
CONTIG-076946	88	6	5	5	0
CONTIG-076947	108	8	5	15	0
CONTIG-076948	114	18	4	60	0
CONTIG-076949	127	5	2	0	0
CONTIG-076950	66	5	2	8	0
CONTIG-076951	99	3	4	7	0
CONTIG-076952	99	5	16	4	0
CONTIG-076953	72	6	8	2	0
CONTIG-076954	149	3	2	11	0
CONTIG-076955	87	3	4	0	0
CONTIG-076956	71	3	2	4	0

CONTIG-076957	70	3	2	2	0
CONTIG-076958	561	11	7	257	0
CONTIG-076959	812	18	5	0	84
CONTIG-076960	180	9	18	43	0
CONTIG-076961	109	5	2	13	2
CONTIG-076962	179	10	3	34	0
CONTIG-076963	73	90	82	149	2
CONTIG-076964	71	10	10	0	0
CONTIG-076965	96	12	15	5	0
CONTIG-076966	194	16	9	113	2
CONTIG-076967	118	4	0	19	0
CONTIG-076968	87	4	2	6	0
CONTIG-076969	119	3	0	6	0
CONTIG-076970	65	14	2	34	0
CONTIG-076971	112	6	4	20	0
CONTIG-076972	143	6	2	17	0
CONTIG-076974	178	12	2	49	2
CONTIG-076975	515	13	35	200	0
CONTIG-076976	76	8	3	19	0
CONTIG-076977	140	6	2	19	0
CONTIG-076978	105	6	10	20	0
CONTIG-076979	87	6	5	12	0
CONTIG-076980	105	13	8	27	0
CONTIG-076981	125	6	22	10	0
CONTIG-076982	106	3	2	11	0
CONTIG-076984	122	18	7	82	2
CONTIG-076985	634	24	27	945	0
CONTIG-076986	156	5	2	21	0
CONTIG-076987	119	38	11	69	0
CONTIG-076988	76	2	0	2	0
CONTIG-076989	142	16	11	77	0
CONTIG-076990	312	21	6	16	0
CONTIG-076991	41	236	2	19	0
CONTIG-076992	259	7	2	50	0
CONTIG-076993	107	8	14	16	0
CONTIG-076994	73	7	4	15	0
CONTIG-076995	531	20	5	0	31
CONTIG-076997	58	6	2	9	0
CONTIG-076998	128	5	8	14	0
CONTIG-076999	51	36	16	15	0
CONTIG-077000	68	6	0	19	0
CONTIG-077001	108	3	2	4	0
CONTIG-077002	214	16	4	13	0
CONTIG-077003	110	6	5	22	0
CONTIG-077004	241	7	0	27	2
CONTIG-077006	65	4	2	8	0
CONTIG-077007	97	6	8	16	0

CONTIG-077008	122	4	6	10	0
CONTIG-077009	83	5	0	13	0
CONTIG-077010	212	15	30	46	0
CONTIG-077012	120	10	4	51	0
CONTIG-077013	75	8	22	8	0
CONTIG-077014	106	5	5	20	0
CONTIG-077015	140	6	3	18	0
CONTIG-077016	138	10	4	33	4
CONTIG-077017	82	9	10	19	0
CONTIG-077018	148	11	4	44	0
CONTIG-077020	76	4	10	2	0
CONTIG-077021	60	5	0	13	0
CONTIG-077022	197	8	11	45	0
CONTIG-077023	71	8	0	18	0
CONTIG-077024	62	8	10	0	0
CONTIG-077025	60	6	14	9	0
CONTIG-077026	65	3	3	0	0
CONTIG-077027	89	5	10	10	0
CONTIG-077028	86	4	3	6	0
CONTIG-077029	178	7	0	46	0
CONTIG-077030	240	15	12	145	0
CONTIG-077031	103	5	4	6	0
CONTIG-077032	171	7	5	40	2
CONTIG-077033	246	6	3	37	0
CONTIG-077034	496	84	3	0	450
CONTIG-077035	274	15	2	149	0
CONTIG-077036	88	11	4	25	4
CONTIG-077037	104	13	7	37	0
CONTIG-077038	81	9	5	14	0
CONTIG-077039	91	5	0	2	0
CONTIG-077040	59	4	2	5	0
CONTIG-077041	191	10	6	35	0
CONTIG-077042	89	4	4	10	0
CONTIG-077044	61	3	5	4	0
CONTIG-077045	73	5	0	12	0
CONTIG-077046	173	5	5	33	0
CONTIG-077047	121	5	4	17	0
CONTIG-077048	97	8	3	8	0
CONTIG-077049	582	11	15	142	0
CONTIG-077050	97	5	0	6	0
CONTIG-077051	91	8	0	2	0
CONTIG-077052	112	8	5	14	0
CONTIG-077053	129	8	12	31	0
CONTIG-077054	133	8	10	14	0
CONTIG-077055	63	7	14	2	2
CONTIG-077056	95	7	7	31	0
CONTIG-077057	68	6	3	8	0

CONTIG-077059	113	5	7	22	0
CONTIG-077060	180	13	7	80	0
CONTIG-077061	59	10	2	24	0
CONTIG-077062	76	6	3	18	0
CONTIG-077063	178	8	0	39	0
CONTIG-077064	173	5	0	18	0
CONTIG-077066	126	5	6	18	0
CONTIG-077067	66	6	0	6	2
CONTIG-077068	141	7	4	32	0
CONTIG-077069	76	9	4	27	0
CONTIG-077070	332	7	8	55	0
CONTIG-077071	231	8	7	58	0
CONTIG-077073	408	8	5	94	4
CONTIG-077074	169	6	4	29	0
CONTIG-077075	59	2	2	0	0
CONTIG-077076	144	6	7	19	0
CONTIG-077077	84	3	0	3	0
CONTIG-077078	66	25	2	39	0
CONTIG-077079	120	6	3	26	0
CONTIG-077080	204	5	7	20	0
CONTIG-077083	73	2	2	4	0
CONTIG-077084	118	7	5	32	0
CONTIG-077085	215	5	6	31	0
CONTIG-077086	148	8	0	37	0
CONTIG-077089	58	44	3	89	0
CONTIG-077090	83	15	3	42	0
CONTIG-077091	124	5	0	2	0
CONTIG-077092	67	3	3	2	0
CONTIG-077093	59	4	6	7	0
CONTIG-077094	69	4	2	3	0
CONTIG-077095	135	7	8	19	0
CONTIG-077096	347	9	19	99	2
CONTIG-077097	61	659	4	641	0
CONTIG-077098	73	5	0	0	0
CONTIG-077099	126	6	5	24	0
CONTIG-077100	81	5	3	19	0
CONTIG-077102	71	4	5	10	0
CONTIG-077103	58	7	0	0	0
CONTIG-077105	81	11	13	0	0
CONTIG-077106	108	20	12	59	0
CONTIG-077107	180	6	6	28	0
CONTIG-077108	66	4	7	2	0
CONTIG-077110	193	7	3	7	0
CONTIG-077111	78	7	0	14	0
CONTIG-077112	88	7	9	23	0
CONTIG-077113	75	5	5	0	0
CONTIG-077114	234	6	3	40	0

CONTIG-077115	68	6	5	10	0
CONTIG-077116	79	6	0	17	0
CONTIG-077117	146	8	13	26	0
CONTIG-077118	219	5	3	43	0
CONTIG-077119	59	4	2	3	0
CONTIG-077120	405	9	9	143	0
CONTIG-077121	126	5	7	11	0
CONTIG-077122	63	5	3	4	0
CONTIG-077125	97	5	9	18	0
CONTIG-077126	90	49	5	2	0
CONTIG-077127	73	4	2	0	0
CONTIG-077128	66	6	0	13	0
CONTIG-077129	170	5	0	21	0
CONTIG-077130	196	18	14	89	0
CONTIG-077131	276	5	4	32	0
CONTIG-077132	331	21	21	246	2
CONTIG-077133	175	7	6	37	0
CONTIG-077135	93	12	3	41	0
CONTIG-077136	59	13	21	14	0
CONTIG-077137	601	15	8	392	2
CONTIG-077138	63	4	5	5	0
CONTIG-077139	214	7	4	19	0
CONTIG-077140	44	7	3	9	0
CONTIG-077141	97	18	10	23	0
CONTIG-077142	123	5	2	10	2
CONTIG-077143	71	4	4	6	0
CONTIG-077144	166	8	7	55	0
CONTIG-077145	76	6	3	6	0
CONTIG-077146	304	7	8	44	0
CONTIG-077147	116	7	9	16	0
CONTIG-077148	177	8	17	46	0
CONTIG-077149	193	7	0	29	0
CONTIG-077150	88	9	17	4	0
CONTIG-077151	78	5	12	4	0
CONTIG-077153	65	6	2	0	0
CONTIG-077154	101	4	7	16	0
CONTIG-077155	62	2	4	6	0
CONTIG-077156	68	10	3	17	0
CONTIG-077157	64	10	5	0	0
CONTIG-077158	68	3	3	9	0
CONTIG-077159	163	7	4	22	0
CONTIG-077160	92	12	2	60	0
CONTIG-077161	103	5	2	5	0
CONTIG-077162	135	10	4	38	2
CONTIG-077163	76	9	0	10	0
CONTIG-077165	289	8	6	65	0
CONTIG-077168	98	4	2	11	0

CONTIG-077169	81	3	4	6	0
CONTIG-077170	125	9	2	39	0
CONTIG-077171	194	6	4	0	6
CONTIG-077172	93	7	0	18	0
CONTIG-077173	70	8	2	10	2
CONTIG-077174	225	4	14	4	0
CONTIG-077176	141	6	0	2	19
CONTIG-077177	105	12	3	44	2
CONTIG-077178	134	10	2	30	0
CONTIG-077179	74	4	2	8	0
CONTIG-077180	84	4	3	2	0
CONTIG-077181	65	3	3	0	0
CONTIG-077184	61	3	0	4	0
CONTIG-077187	123	7	2	39	0
CONTIG-077188	64	5	4	0	0
CONTIG-077189	74	9	4	17	0
CONTIG-077190	96	4	5	7	0
CONTIG-077191	68	4	4	2	0
CONTIG-077192	81	9	11	29	0
CONTIG-077193	64	5	0	7	0
CONTIG-077194	302	7	8	0	2
CONTIG-077195	61	9	4	7	0
CONTIG-077196	246	9	9	91	0
CONTIG-077197	59	7	13	0	0
CONTIG-077198	86	11	28	7	0
CONTIG-077200	221	9	6	69	0
CONTIG-077201	154	4	3	5	0
CONTIG-077202	238	6	2	10	4
CONTIG-077203	94	7	9	10	0
CONTIG-077204	150	13	2	9	0
CONTIG-077205	103	2	2	0	0
CONTIG-077206	107	6	6	12	0
CONTIG-077208	76	7	3	14	2
CONTIG-077209	112	4	6	14	0
CONTIG-077210	119	4	4	4	0
CONTIG-077211	71	10	3	11	0
CONTIG-077212	93	5	13	18	0
CONTIG-077213	143	8	4	31	0
CONTIG-077214	71	3	3	6	0
CONTIG-077215	985	57	7	0	0
CONTIG-077217	114	6	2	23	0
CONTIG-077218	172	10	11	33	0
CONTIG-077219	123	12	3	37	2
CONTIG-077221	294	5	0	32	0
CONTIG-077222	82	35	6	100	2
CONTIG-077223	129	15	7	90	0
CONTIG-077225	126	5	2	15	0

CONTIG-077226	112	9	17	16	0
CONTIG-077227	214	64	20	326	2
CONTIG-077228	54	5	9	10	0
CONTIG-077233	65	6	0	2	0
CONTIG-077234	63	6	3	2	0
CONTIG-077235	456	41	2	0	125
CONTIG-077236	151	8	2	28	0
CONTIG-077237	77	5	3	5	0
CONTIG-077238	58	6	13	2	0
CONTIG-077239	84	4	4	5	0
CONTIG-077240	132	6	4	27	0
CONTIG-077241	59	4	0	6	0
CONTIG-077242	77	6	2	15	0
CONTIG-077243	95	8	2	29	0
CONTIG-077244	86	7	2	11	2
CONTIG-077247	95	5	4	9	0
CONTIG-077248	87	6	13	6	0
CONTIG-077249	134	5	0	4	0
CONTIG-077250	69	4	8	0	0
CONTIG-077251	61	4	14	0	0
CONTIG-077252	111	4	2	11	0
CONTIG-077253	137	4	3	6	0
CONTIG-077254	83	11	15	20	2
CONTIG-077255	177	6	8	36	0
CONTIG-077256	259	12	3	28	0
CONTIG-077257	212	12	5	49	0
CONTIG-077258	374	10	2	0	8
CONTIG-077259	130	5	8	16	0
CONTIG-077260	337	8	9	81	0
CONTIG-077261	164	9	6	27	2
CONTIG-077262	173	30	5	130	5
CONTIG-077263	70	10	8	26	0
CONTIG-077264	38	359	5	13	329
CONTIG-077265	690	28	3	0	145
CONTIG-077266	245	4	2	0	6
CONTIG-077267	81	3	2	0	0
CONTIG-077268	50	14	6	13	3
CONTIG-077269	108	6	0	15	0
CONTIG-077270	102	13	2	38	0
CONTIG-077271	339	24	8	325	2
CONTIG-077274	155	9	16	36	0
CONTIG-077275	110	138	22	951	0
CONTIG-077279	107	9	3	26	0
CONTIG-077280	60	667	8	1517	0
CONTIG-077282	149	4	2	10	0
CONTIG-077283	93	6	0	4	0
CONTIG-077285	149	8	0	63	0

CONTIG-077286	68	6	5	11	0
CONTIG-077287	61	6	0	13	2
CONTIG-077288	122	3	4	4	0
CONTIG-077289	86	10	5	35	0
CONTIG-077290	113	7	14	16	0
CONTIG-077291	67	5	0	4	0
CONTIG-077292	74	4	5	4	0
CONTIG-077293	102	8	6	32	0
CONTIG-077294	168	6	7	24	0
CONTIG-077295	349	8	3	72	0
CONTIG-077296	86	3	2	4	0
CONTIG-077297	82	4	4	6	0
CONTIG-077298	273	16	36	18	25
CONTIG-077299	69	5	2	11	0
CONTIG-077300	241	5	8	32	0
CONTIG-077301	72	13	7	31	0
CONTIG-077305	229	11	7	50	8
CONTIG-077306	93	7	7	18	0
CONTIG-077307	128	5	0	12	0
CONTIG-077308	101	4	5	20	0
CONTIG-077309	135	10	0	42	0
CONTIG-077310	140	14	11	84	0
CONTIG-077311	129	8	2	32	0
CONTIG-077312	117	4	8	12	0
CONTIG-077313	324	7	6	62	0
CONTIG-077314	120	8	8	37	0
CONTIG-077317	63	7	4	17	0
CONTIG-077318	71	4	0	8	0
CONTIG-077319	126	5	5	18	0
CONTIG-077320	166	9	0	23	2
CONTIG-077321	61	4	4	4	0
CONTIG-077322	59	11	5	0	0
CONTIG-077323	89	8	0	15	0
CONTIG-077324	183	9	9	42	0
CONTIG-077325	351	14	10	132	3
CONTIG-077326	123	4	5	14	0
CONTIG-077327	299	7	2	24	0
CONTIG-077328	73	7	25	8	0
CONTIG-077329	214	7	4	73	0
CONTIG-077330	75	7	2	8	2
CONTIG-077331	80	6	0	21	2
CONTIG-077332	116	19	0	0	22
CONTIG-077333	120	9	4	38	0
CONTIG-077336	250	10	3	63	0
CONTIG-077339	73	6	5	17	0
CONTIG-077340	80	44	24	57	3
CONTIG-077342	260	10	4	106	0

CONTIG-077343	250	6	7	4	0
CONTIG-077344	268	23	27	243	0
CONTIG-077345	141	5	2	0	0
CONTIG-077346	69	6	2	14	0
CONTIG-077347	286	12	12	95	0
CONTIG-077348	124	8	0	21	0
CONTIG-077349	115	6	4	37	0
CONTIG-077351	89	5	0	8	0
CONTIG-077352	121	6	8	25	0
CONTIG-077353	209	6	12	19	0
CONTIG-077354	58	5	2	10	0
CONTIG-077355	120	8	5	30	0
CONTIG-077358	146	4	5	11	2
CONTIG-077359	95	4	4	7	0
CONTIG-077361	59	5	2	0	0
CONTIG-077364	139	8	8	33	0
CONTIG-077365	185	9	4	55	0
CONTIG-077366	215	6	4	27	0
CONTIG-077368	44	35	3	37	6
CONTIG-077369	80	3	2	2	0
CONTIG-077370	196	7	7	43	0
CONTIG-077371	418	17	0	333	2
CONTIG-077372	196	6	9	32	0
CONTIG-077373	102	4	5	4	0
CONTIG-077374	131	9	5	26	0
CONTIG-077375	124	6	2	26	0
CONTIG-077376	65	18	8	60	0
CONTIG-077377	157	6	4	24	0
CONTIG-077378	138	5	2	21	0
CONTIG-077379	87	3	5	2	0
CONTIG-077380	78	11	28	2	0
CONTIG-077381	85	3	2	4	0
CONTIG-077382	353	11	7	157	0
CONTIG-077383	373	12	4	192	0
CONTIG-077384	71	4	0	11	0
CONTIG-077385	139	8	0	4	0
CONTIG-077386	89	4	7	14	0
CONTIG-077387	153	3	2	6	0
CONTIG-077388	168	11	13	34	2
CONTIG-077389	64	6	8	9	0
CONTIG-077390	164	18	12	47	0
CONTIG-077391	107	4	3	13	0
CONTIG-077392	288	13	0	2	0
CONTIG-077394	75	7	21	0	0
CONTIG-077395	88	4	2	2	0
CONTIG-077396	194	74	3	13	0
CONTIG-077397	454	10	9	165	0

CONTIG-077398	184	7	6	43	2
CONTIG-077399	94	20	24	41	0
CONTIG-077400	136	5	13	16	0
CONTIG-077401	78	6	4	11	0
CONTIG-077402	325	36	23	86	0
CONTIG-077403	231	12	11	65	4
CONTIG-077404	161	19	6	2	0
CONTIG-077405	111	9	17	37	0
CONTIG-077406	324	8	6	78	2
CONTIG-077407	88	9	9	7	4
CONTIG-077408	155	10	12	32	0
CONTIG-077409	310	14	5	204	0
CONTIG-077411	110	11	0	14	7
CONTIG-077413	83	6	2	4	0
CONTIG-077414	158	6	6	32	0
CONTIG-077416	257	7	2	27	0
CONTIG-077417	227	12	15	97	2
CONTIG-077418	82	6	0	13	0
CONTIG-077422	66	7	3	12	0
CONTIG-077423	139	10	3	80	0
CONTIG-077424	75	24	11	107	0
CONTIG-077425	59	6	4	11	0
CONTIG-077426	79	5	0	9	0
CONTIG-077427	85	3	0	6	0
CONTIG-077428	203	8	7	44	0
CONTIG-077429	99	9	12	22	0
CONTIG-077430	111	9	13	8	0
CONTIG-077431	101	6	2	14	0
CONTIG-077434	99	14	14	44	0
CONTIG-077435	93	4	7	12	0
CONTIG-077436	114	6	16	4	0
CONTIG-077437	98	11	18	33	0
CONTIG-077439	222	12	5	55	0
CONTIG-077441	77	5	3	10	0
CONTIG-077442	96	11	2	4	0
CONTIG-077444	217	7	2	33	0
CONTIG-077445	107	4	10	10	0
CONTIG-077446	198	12	2	112	0
CONTIG-077447	72	6	2	10	0
CONTIG-077448	197	9	2	65	0
CONTIG-077450	61	4	0	5	0
CONTIG-077451	79	4	0	2	0
CONTIG-077452	175	9	2	15	0
CONTIG-077453	72	3	0	10	0
CONTIG-077454	232	10	5	74	5
CONTIG-077455	99	6	12	8	0
CONTIG-077456	93	7	2	16	0

CONTIG-077457	309	13	16	37	0
CONTIG-077458	69	6	6	15	0
CONTIG-077459	114	7	6	13	0
CONTIG-077460	161	8	7	19	2
CONTIG-077461	266	7	13	47	0
CONTIG-077462	58	34	10	64	0
CONTIG-077463	71	8	2	9	0
CONTIG-077464	96	5	4	8	0
CONTIG-077465	123	3	8	6	0
CONTIG-077466	101	13	7	27	0
CONTIG-077467	87	6	4	2	0
CONTIG-077468	62	5	16	0	0
CONTIG-077469	64	6	32	0	0
CONTIG-077470	129	9	3	37	0
CONTIG-077471	132	2	0	6	0
CONTIG-077472	360	18	8	283	4
CONTIG-077473	64	2	3	2	0
CONTIG-077474	167	7	2	35	3
CONTIG-077475	112	14	15	60	0
CONTIG-077476	61	2	3	4	0
CONTIG-077477	116	4	10	5	0
CONTIG-077478	124	12	0	39	0
CONTIG-077479	144	7	2	15	2
CONTIG-077480	181	5	0	18	0
CONTIG-077481	85	7	15	13	0
CONTIG-077482	85	5	8	9	0
CONTIG-077483	83	5	8	6	0
CONTIG-077485	73	8	2	19	0
CONTIG-077486	99	4	9	2	0
CONTIG-077487	110	6	7	13	0
CONTIG-077488	132	3	11	2	0
CONTIG-077489	105	5	3	7	0
CONTIG-077490	64	4	3	2	0
CONTIG-077492	74	9	7	12	0
CONTIG-077493	199	10	3	22	0
CONTIG-077494	80	3	6	5	0
CONTIG-077495	512	15	19	18	0
CONTIG-077496	117	18	16	92	0
CONTIG-077497	77	5	4	3	0
CONTIG-077498	118	4	2	12	0
CONTIG-077499	102	6	8	7	0
CONTIG-077500	81	3	2	2	0
CONTIG-077501	170	10	2	2	0
CONTIG-077502	59	19	3	45	0
CONTIG-077503	349	8	24	98	0
CONTIG-077504	74	4	0	2	0
CONTIG-077506	127	6	3	21	0

CONTIG-077507	218	8	8	63	0
CONTIG-077508	139	11	2	50	0
CONTIG-077512	163	10	3	12	0
CONTIG-077513	63	10	0	3	0
CONTIG-077514	259	9	13	76	2
CONTIG-077515	79	5	5	13	0
CONTIG-077516	90	7	19	12	0
CONTIG-077517	173	5	2	24	2
CONTIG-077518	124	6	0	7	0
CONTIG-077519	69	4	0	7	0
CONTIG-077520	134	7	4	0	0
CONTIG-077521	86	5	24	4	0
CONTIG-077522	100	32	25	133	0
CONTIG-077524	534	26	0	0	206
CONTIG-077525	574	18	17	100	0
CONTIG-077526	84	8	3	15	0
CONTIG-077527	687	10	14	241	0
CONTIG-077528	281	15	22	109	0
CONTIG-077529	75	2	2	3	0
CONTIG-077530	72	8	2	15	0
CONTIG-077531	131	9	5	18	0
CONTIG-077535	119	7	12	10	0
CONTIG-077537	515	10	10	153	0
CONTIG-077538	67	3	3	4	0
CONTIG-077539	113	10	18	0	0
CONTIG-077540	151	5	4	11	2
CONTIG-077541	115	6	8	2	0
CONTIG-077542	106	10	6	30	0
CONTIG-077545	161	4	8	6	0
CONTIG-077546	91	3	4	4	0
CONTIG-077547	137	7	9	25	0
CONTIG-077548	141	8	0	41	0
CONTIG-077549	99	5	3	16	0
CONTIG-077550	161	8	6	33	0
CONTIG-077551	89	9	14	20	0
CONTIG-077552	64	5	5	2	0
CONTIG-077553	138	8	0	21	2
CONTIG-077554	61	3	0	3	0
CONTIG-077555	146	7	10	29	0
CONTIG-077556	122	4	5	2	0
CONTIG-077557	226	8	4	38	0
CONTIG-077558	58	6	0	16	0
CONTIG-077559	61	6	3	4	0
CONTIG-077561	201	10	14	54	0
CONTIG-077563	241	32	5	449	0
CONTIG-077564	107	3	3	2	0
CONTIG-077565	78	7	3	17	0

CONTIG-077566	129	7	4	40	0
CONTIG-077567	142	4	6	19	2
CONTIG-077568	60	4	2	2	0
CONTIG-077570	109	9	11	11	0
CONTIG-077571	60	8	5	10	0
CONTIG-077575	179	7	2	24	0
CONTIG-077576	86	8	6	20	0
CONTIG-077577	95	3	0	0	0
CONTIG-077578	91	4	12	2	0
CONTIG-077579	80	4	2	10	0
CONTIG-077580	103	4	0	8	0
CONTIG-077581	152	6	0	24	0
CONTIG-077582	68	3	3	5	0
CONTIG-077583	93	2	0	2	0
CONTIG-077585	88	4	5	5	0
CONTIG-077587	65	26	6	83	0
CONTIG-077588	232	6	0	0	0
CONTIG-077590	162	13	6	0	0
CONTIG-077591	93	5	3	9	0
CONTIG-077592	1201	24	14	1537	0
CONTIG-077593	70	15	0	7	0
CONTIG-077594	67	4	7	8	0
CONTIG-077595	92	13	25	41	0
CONTIG-077596	66	4	4	4	0
CONTIG-077597	144	6	4	25	0
CONTIG-077598	479	10	6	174	0
CONTIG-077599	58	2	3	2	0
CONTIG-077600	196	12	7	63	4
CONTIG-077602	94	15	0	21	0
CONTIG-077605	71	12	5	31	0
CONTIG-077606	104	8	0	0	17
CONTIG-077607	59	4	0	9	0
CONTIG-077608	60	2	2	0	2
CONTIG-077609	77	6	2	15	0
CONTIG-077610	136	8	2	15	0
CONTIG-077611	321	29	0	0	0
CONTIG-077612	137	15	0	62	4
CONTIG-077613	148	8	3	23	0
CONTIG-077614	266	12	13	96	2
CONTIG-077615	158	10	3	0	0
CONTIG-077616	77	8	6	6	2
CONTIG-077617	60	5	4	7	0
CONTIG-077618	186	13	2	93	0
CONTIG-077619	159	8	2	33	0
CONTIG-077620	138	3	0	0	0
CONTIG-077621	250	11	10	93	2
CONTIG-077622	60	6	8	5	0

CONTIG-077624	90	4	2	15	0
CONTIG-077625	168	13	6	23	0
CONTIG-077626	114	5	12	15	0
CONTIG-077628	95	9	0	40	0
CONTIG-077629	82	4	0	6	0
CONTIG-077630	128	3	3	0	0
CONTIG-077631	77	4	3	5	0
CONTIG-077632	82	8	6	17	0
CONTIG-077633	100	9	5	26	0
CONTIG-077634	111	5	7	13	2
CONTIG-077635	106	5	0	16	0
CONTIG-077636	145	18	10	38	0
CONTIG-077637	129	14	20	16	0
CONTIG-077639	61	9	2	14	0
CONTIG-077640	102	7	7	40	0
CONTIG-077641	110	5	4	12	0
CONTIG-077642	311	7	14	18	0
CONTIG-077643	109	4	3	2	0
CONTIG-077644	85	5	0	3	0
CONTIG-077645	230	231	4	17	0
CONTIG-077646	63	8	3	0	0
CONTIG-077647	104	9	2	0	5
CONTIG-077648	111	9	2	51	0
CONTIG-077649	66	11	12	17	0
CONTIG-077650	138	9	2	52	0
CONTIG-077651	147	5	4	20	0
CONTIG-077652	251	5	2	32	2
CONTIG-077653	143	6	0	26	0
CONTIG-077655	75	3	0	7	0
CONTIG-077656	104	9	8	7	0
CONTIG-077657	253	9	9	85	0
CONTIG-077658	90	6	2	4	0
CONTIG-077659	98	6	0	15	0
CONTIG-077661	85	12	9	0	0
CONTIG-077662	61	12	2	20	0
CONTIG-077663	72	3	3	3	0
CONTIG-077666	80	17	15	60	0
CONTIG-077668	88	106	3	273	2
CONTIG-077669	39	504	4	337	46
CONTIG-077670	74	7	2	12	0
CONTIG-077672	161	4	0	11	0
CONTIG-077673	136	7	7	25	0
CONTIG-077674	65	7	10	13	0
CONTIG-077675	415	17	14	200	2
CONTIG-077677	451	20	5	83	0
CONTIG-077678	123	7	4	0	2
CONTIG-077679	100	10	9	27	0

CONTIG-077680	209	9	22	21	0
CONTIG-077681	72	3	4	0	0
CONTIG-077682	206	8	7	58	0
CONTIG-077683	234	17	11	139	2
CONTIG-077684	90	7	2	17	0
CONTIG-077686	312	17	2	246	0
CONTIG-077687	116	6	6	15	2
CONTIG-077688	229	5	4	35	0
CONTIG-077689	121	9	9	47	0
CONTIG-077690	77	4	2	7	0
CONTIG-077691	114	3	2	6	0
CONTIG-077692	75	10	0	21	0
CONTIG-077693	129	8	2	0	0
CONTIG-077694	169	3	2	16	0
CONTIG-077695	67	4	7	0	0
CONTIG-077696	85	8	0	25	0
CONTIG-077697	128	4	0	10	0
CONTIG-077700	104	6	10	19	0
CONTIG-077701	84	8	4	32	0
CONTIG-077702	92	5	11	9	0
CONTIG-077703	65	5	3	4	0
CONTIG-077704	69	5	0	4	0
CONTIG-077705	114	7	6	19	0
CONTIG-077707	220	7	10	36	0
CONTIG-077710	208	6	8	41	0
CONTIG-077711	160	4	7	18	0
CONTIG-077712	205	11	0	114	0
CONTIG-077713	73	4	12	3	0
CONTIG-077714	71	4	7	0	2
CONTIG-077715	76	5	0	12	0
CONTIG-077716	165	16	20	77	2
CONTIG-077717	306	12	7	164	0
CONTIG-077718	70	11	13	27	0
CONTIG-077719	120	9	8	40	0
CONTIG-077720	150	7	2	37	0
CONTIG-077721	231	4	5	29	0
CONTIG-077723	209	6	8	42	0
CONTIG-077724	76	5	3	17	0
CONTIG-077725	275	10	2	101	0
CONTIG-077731	96	3	0	0	0
CONTIG-077732	102	3	4	8	0
CONTIG-077733	73	9	5	6	0
CONTIG-077734	257	10	0	112	0
CONTIG-077735	143	15	9	40	0
CONTIG-077736	64	8	4	13	0
CONTIG-077737	72	6	0	0	0
CONTIG-077738	77	5	10	9	0

CONTIG-077739	109	4	4	16	0
CONTIG-077740	374	17	32	202	0
CONTIG-077741	68	6	3	4	0
CONTIG-077742	96	16	5	74	0
CONTIG-077743	64	5	13	4	0
CONTIG-077744	649	11	7	167	0
CONTIG-077745	58	9	12	2	0
CONTIG-077746	92	4	4	3	0
CONTIG-077747	67	5	0	8	0
CONTIG-077748	64	6	10	9	0
CONTIG-077749	178	5	5	26	0
CONTIG-077750	76	5	10	2	2
CONTIG-077751	161	16	10	136	0
CONTIG-077752	174	10	13	34	0
CONTIG-077753	122	6	5	30	0
CONTIG-077754	306	8	7	85	0
CONTIG-077755	86	16	6	67	0
CONTIG-077756	207	12	0	67	0
CONTIG-077758	270	8	4	44	0
CONTIG-077759	194	6	11	38	0
CONTIG-077761	109	6	10	17	0
CONTIG-077762	121	5	4	25	0
CONTIG-077763	155	5	2	18	0
CONTIG-077764	60	6	7	6	0
CONTIG-077765	158	8	10	27	0
CONTIG-077766	128	7	6	21	0
CONTIG-077770	36	16	3	4	0
CONTIG-077771	115	58	11	254	4
CONTIG-077772	122	18	13	75	0
CONTIG-077773	106	7	0	29	2
CONTIG-077774	156	12	9	49	0
CONTIG-077777	81	11	11	16	0
CONTIG-077778	239	8	4	79	0
CONTIG-077779	78	4	4	10	0
CONTIG-077780	181	5	5	17	0
CONTIG-077781	276	14	22	119	0
CONTIG-077782	172	10	4	61	3
CONTIG-077783	61	3	0	0	0
CONTIG-077788	159	10	4	54	0
CONTIG-077789	98	8	5	12	0
CONTIG-077790	87	6	6	6	2
CONTIG-077791	63	6	7	4	0
CONTIG-077792	254	10	9	82	0
CONTIG-077795	62	5	3	7	0
CONTIG-077796	119	4	0	9	0
CONTIG-077797	333	7	18	101	0
CONTIG-077798	156	8	0	53	0

CONTIG-077799	149	9	4	37	0
CONTIG-077803	169	8	12	56	0
CONTIG-077804	141	6	3	2	0
CONTIG-077805	262	12	8	104	0
CONTIG-077806	75	10	19	6	0
CONTIG-077810	71	8	8	17	0
CONTIG-077811	113	14	9	56	0
CONTIG-077812	103	79	17	106	0
CONTIG-077813	181	8	8	24	0
CONTIG-077814	150	5	0	9	0
CONTIG-077815	496	8	0	141	0
CONTIG-077817	81	15	18	7	0
CONTIG-077818	159	7	5	32	0
CONTIG-077820	63	3	4	4	0
CONTIG-077823	63	5	2	11	0
CONTIG-077824	71	4	2	4	0
CONTIG-077826	91	7	2	23	0
CONTIG-077827	123	5	4	25	0
CONTIG-077828	197	8	11	36	0
CONTIG-077829	89	8	2	17	0
CONTIG-077830	110	7	2	18	0
CONTIG-077832	94	8	19	12	0
CONTIG-077833	63	7	0	10	0
CONTIG-077834	75	4	2	8	0
CONTIG-077835	108	8	6	0	0
CONTIG-077836	325	9	9	138	0
CONTIG-077837	174	7	5	43	0
CONTIG-077838	60	240	6	188	0
CONTIG-077839	141	7	3	20	0
CONTIG-077840	120	4	6	13	0
CONTIG-077841	181	6	2	21	0
CONTIG-077842	83	8	2	31	0
CONTIG-077843	144	7	8	37	0
CONTIG-077844	118	5	0	22	0
CONTIG-077845	68	8	7	0	0
CONTIG-077846	181	8	9	37	0
CONTIG-077847	75	6	2	9	0
CONTIG-077849	65	7	0	21	0
CONTIG-077850	71	2	3	7	0
CONTIG-077851	76	8	10	8	0
CONTIG-077852	117	5	2	9	0
CONTIG-077853	949	45	2	0	373
CONTIG-077854	194	5	3	12	0
CONTIG-077855	185	6	8	35	0
CONTIG-077856	125	6	0	13	0
CONTIG-077857	234	11	10	82	0
CONTIG-077858	99	6	3	14	0

CONTIG-077859	70	3	2	2	0
CONTIG-077861	748	11	20	201	16
CONTIG-077862	97	4	2	14	0
CONTIG-077863	120	6	10	13	0
CONTIG-077864	318	6	2	48	0
CONTIG-077865	60	6	2	2	0
CONTIG-077866	101	12	0	47	0
CONTIG-077868	124	40	10	233	0
CONTIG-077870	86	4	2	4	0
CONTIG-077871	63	12	9	14	0
CONTIG-077872	136	7	0	37	0
CONTIG-077873	171	8	6	46	0
CONTIG-077874	65	3	2	0	0
CONTIG-077875	601	11	19	239	4
CONTIG-077876	88	8	5	22	0
CONTIG-077877	77	7	4	6	0
CONTIG-077878	89	11	5	48	0
CONTIG-077879	106	8	6	24	0
CONTIG-077880	183	15	18	129	0
CONTIG-077881	127	6	3	12	0
CONTIG-077882	128	6	7	25	0
CONTIG-077883	93	5	3	8	0
CONTIG-077884	75	6	2	17	0
CONTIG-077885	138	7	10	37	0
CONTIG-077886	89	15	0	0	19
CONTIG-077887	60	126	5	377	0
CONTIG-077888	262	6	4	42	0
CONTIG-077897	72	3	5	4	2
CONTIG-077898	75	7	0	9	0
CONTIG-077899	157	5	5	14	0
CONTIG-077900	67	17	11	26	0
CONTIG-077901	234	10	30	49	0
CONTIG-077902	367	11	18	65	2
CONTIG-077903	78	6	0	13	0
CONTIG-077904	96	4	2	12	0
CONTIG-077905	126	10	4	44	0
CONTIG-077906	125	8	3	35	0
CONTIG-077909	426	7	12	87	0
CONTIG-077910	125	12	0	53	6
CONTIG-077911	82	9	6	7	0
CONTIG-077912	156	4	4	13	0
CONTIG-077913	74	3	12	0	0
CONTIG-077914	110	4	2	6	0
CONTIG-077915	103	21	12	32	0
CONTIG-077916	157	6	6	26	0
CONTIG-077917	71	5	2	2	0
CONTIG-077918	186	15	7	136	0

CONTIG-077919	248	8	4	40	0
CONTIG-077921	93	10	0	32	0
CONTIG-077922	123	9	7	34	0
CONTIG-077923	647	84	0	0	917
CONTIG-077924	128	13	4	33	0
CONTIG-077925	58	4	0	6	0
CONTIG-077926	153	5	2	16	0
CONTIG-077927	73	11	12	34	0
CONTIG-077928	178	14	18	112	0
CONTIG-077930	63	4	3	0	0
CONTIG-077931	190	6	0	14	0
CONTIG-077932	155	6	7	19	0
CONTIG-077933	91	5	8	4	0
CONTIG-077934	63	8	0	21	0
CONTIG-077935	132	8	0	26	0
CONTIG-077936	147	5	15	8	0
CONTIG-077937	62	6	8	7	0
CONTIG-077938	193	14	5	0	5
CONTIG-077940	180	10	12	0	2
CONTIG-077941	109	12	0	52	0
CONTIG-077942	146	4	9	4	0
CONTIG-077943	74	3	6	2	0
CONTIG-077945	248	7	2	42	0
CONTIG-077946	152	287	0	0	328
CONTIG-077947	88	4	0	9	0
CONTIG-077948	85	4	0	7	0
CONTIG-077953	68	3	7	2	0
CONTIG-077954	89	6	0	0	0
CONTIG-077955	82	3	5	2	0
CONTIG-077956	79	4	0	5	0
CONTIG-077957	91	4	2	3	0
CONTIG-077958	96	4	2	10	0
CONTIG-077959	314	7	8	43	0
CONTIG-077960	120	4	25	0	2
CONTIG-077961	238	9	7	0	2
CONTIG-077962	183	5	4	19	0
CONTIG-077964	79	2	3	2	0
CONTIG-077965	366	7	15	0	11
CONTIG-077966	162	5	10	17	0
CONTIG-077967	90	9	8	26	0
CONTIG-077968	70	10	6	20	0
CONTIG-077969	108	3	0	2	0
CONTIG-077970	130	6	3	20	0
CONTIG-077971	462	16	0	0	31
CONTIG-077972	95	8	8	9	0
CONTIG-077973	112	17	6	86	2
CONTIG-077974	169	8	0	29	0

CONTIG-077975	80	2	2	0	0
CONTIG-077976	110	4	2	11	0
CONTIG-077977	60	8	12	5	0
CONTIG-077978	77	6	2	18	0
CONTIG-077979	187	5	3	33	0
CONTIG-077980	62	3	10	0	0
CONTIG-077981	117	3	0	8	0
CONTIG-077982	128	10	7	16	0
CONTIG-077983	115	10	54	7	2
CONTIG-077984	91	3	0	3	0
CONTIG-077986	138	7	6	23	4
CONTIG-077988	138	10	9	59	2
CONTIG-077989	85	13	18	57	0
CONTIG-077990	122	6	4	10	0
CONTIG-077992	204	7	10	56	0
CONTIG-077993	153	8	4	34	0
CONTIG-077994	322	12	22	89	2
CONTIG-077995	82	10	8	29	0
CONTIG-077996	220	7	8	25	4
CONTIG-077997	576	12	13	261	4
CONTIG-077998	68	7	0	23	0
CONTIG-077999	105	8	0	18	0
CONTIG-078000	207	13	9	55	0
CONTIG-078001	238	9	2	71	2
CONTIG-078002	97	3	10	2	0
CONTIG-078003	147	3	0	9	0
CONTIG-078004	84	11	14	27	0
CONTIG-078005	63	6	0	4	0
CONTIG-078006	82	4	5	6	0
CONTIG-078007	119	11	3	74	0
CONTIG-078008	192	9	2	34	2
CONTIG-078009	106	4	0	0	0
CONTIG-078010	75	3	0	8	0
CONTIG-078011	80	16	5	46	0
CONTIG-078012	189	70	4	0	136
CONTIG-078013	144	6	4	2	0
CONTIG-078014	117	5	8	12	0
CONTIG-078017	104	6	2	34	0
CONTIG-078018	201	7	5	21	0
CONTIG-078021	615	31	0	0	9
CONTIG-078022	308	12	12	99	0
CONTIG-078023	60	4	4	3	0
CONTIG-078024	206	8	14	61	0
CONTIG-078025	342	8	6	57	0
CONTIG-078029	134	9	2	51	0
CONTIG-078030	159	7	0	37	0
CONTIG-078032	68	5	4	17	0

CONTIG-078033	69	5	2	5	0
CONTIG-078034	86	3	3	4	0
CONTIG-078035	76	5	4	9	0
CONTIG-078036	241	43	0	0	81
CONTIG-078037	103	5	13	4	0
CONTIG-078038	175	7	6	30	0
CONTIG-078039	70	5	7	2	0
CONTIG-078040	76	14	2	45	0
CONTIG-078041	145	5	8	25	0
CONTIG-078042	455	13	15	217	4
CONTIG-078043	240	16	27	135	2
CONTIG-078044	120	7	8	20	0
CONTIG-078048	93	9	0	9	0
CONTIG-078049	74	6	7	6	0
CONTIG-078050	121	4	3	10	0
CONTIG-078051	224	7	0	29	6
CONTIG-078052	471	14	21	115	0
CONTIG-078053	71	12	9	22	0
CONTIG-078054	407	11	16	125	0
CONTIG-078055	269	16	26	191	0
CONTIG-078056	84	12	3	34	0
CONTIG-078058	88	3	7	11	0
CONTIG-078059	95	3	2	12	0
CONTIG-078060	127	3	4	10	0
CONTIG-078061	102	4	4	2	0
CONTIG-078062	115	4	0	9	0
CONTIG-078063	259	59	13	0	0
CONTIG-078065	59	4	15	0	0
CONTIG-078066	97	4	2	7	0
CONTIG-078067	157	8	6	33	0
CONTIG-078069	272	11	7	83	2
CONTIG-078070	84	3	0	5	0
CONTIG-078071	75	8	5	11	0
CONTIG-078072	168	6	4	16	0
CONTIG-078073	88	3	2	4	0
CONTIG-078074	65	17	2	71	0
CONTIG-078076	197	7	4	22	0
CONTIG-078077	110	5	3	15	0
CONTIG-078079	126	14	0	74	2
CONTIG-078080	102	4	7	10	0
CONTIG-078081	64	3	0	0	0
CONTIG-078084	40	7	9	5	0
CONTIG-078085	59	2	0	0	0
CONTIG-078086	95	7	5	17	0
CONTIG-078087	70	3	0	4	0
CONTIG-078088	67	4	2	2	0
CONTIG-078089	74	3	6	6	0

CONTIG-078090	265	15	4	84	0
CONTIG-078091	108	11	24	38	0
CONTIG-078094	230	10	4	63	3
CONTIG-078095	93	14	4	0	9
CONTIG-078096	65	6	6	0	0
CONTIG-078097	132	4	0	5	0
CONTIG-078098	75	5	2	5	0
CONTIG-078099	112	9	23	3	0
CONTIG-078100	135	15	14	79	0
CONTIG-078101	75	5	2	8	2
CONTIG-078102	61	8	0	17	0
CONTIG-078103	85	7	4	19	0
CONTIG-078104	67	2	2	0	0
CONTIG-078106	237	9	6	93	0
CONTIG-078107	151	6	4	31	0
CONTIG-078108	203	11	13	70	0
CONTIG-078110	66	11	2	0	0
CONTIG-078111	166	7	3	33	0
CONTIG-078112	75	11	0	17	0
CONTIG-078113	110	9	5	34	0
CONTIG-078114	100	4	4	12	0
CONTIG-078115	120	4	6	7	0
CONTIG-078116	75	38	3	0	16
CONTIG-078117	273	8	12	29	0
CONTIG-078118	90	5	3	17	0
CONTIG-078119	113	9	6	39	0
CONTIG-078120	75	4	6	6	0
CONTIG-078122	110	6	5	16	0
CONTIG-078123	63	6	13	4	0
CONTIG-078124	61	62	74	81	2
CONTIG-078125	135	12	16	36	0
CONTIG-078126	108	9	4	34	0
CONTIG-078127	171	6	14	18	0
CONTIG-078128	153	15	22	72	0
CONTIG-078129	136	3	0	16	0
CONTIG-078130	174	15	15	103	2
CONTIG-078132	149	11	4	42	0
CONTIG-078133	135	6	4	0	0
CONTIG-078134	111	11	0	6	0
CONTIG-078135	98	4	0	6	0
CONTIG-078136	310	7	2	48	0
CONTIG-078139	144	18	3	97	0
CONTIG-078141	117	6	3	19	0
CONTIG-078142	64	5	0	8	0
CONTIG-078143	113	4	3	16	0
CONTIG-078144	115	11	0	52	0
CONTIG-078145	165	5	2	7	0

CONTIG-078146	291	14	0	0	27
CONTIG-078147	143	10	5	30	0
CONTIG-078148	72	11	27	0	0
CONTIG-078149	143	99	90	491	0
CONTIG-078150	83	6	2	15	0
CONTIG-078151	130	8	10	17	0
CONTIG-078152	249	7	2	31	2
CONTIG-078153	150	4	0	22	0
CONTIG-078154	109	6	6	9	0
CONTIG-078155	141	6	5	22	0
CONTIG-078156	58	5	2	2	0
CONTIG-078157	200	20	21	155	0
CONTIG-078158	63	7	6	11	0
CONTIG-078159	112	7	0	21	0
CONTIG-078160	85	6	6	5	0
CONTIG-078161	147	4	22	0	0
CONTIG-078162	60	7	8	12	0
CONTIG-078167	75	2	2	0	0
CONTIG-078168	124	9	12	26	0
CONTIG-078169	274	6	0	46	0
CONTIG-078170	63	23	25	33	2
CONTIG-078171	187	4	13	22	0
CONTIG-078172	132	3	6	6	0
CONTIG-078173	125	13	16	55	0
CONTIG-078174	95	5	0	0	0
CONTIG-078175	105	8	8	24	0
CONTIG-078176	85	9	3	13	0
CONTIG-078178	88	11	0	0	0
CONTIG-078179	97	6	3	17	0
CONTIG-078180	83	9	0	24	0
CONTIG-078181	66	8	7	19	0
CONTIG-078182	160	6	0	22	0
CONTIG-078183	81	4	2	7	0
CONTIG-078184	89	8	0	32	0
CONTIG-078185	60	5	3	4	0
CONTIG-078186	209	13	3	88	0
CONTIG-078187	86	7	3	21	0
CONTIG-078188	83	20	3	79	0
CONTIG-078189	73	7	17	0	0
CONTIG-078190	132	4	6	22	0
CONTIG-078192	378	15	37	122	0
CONTIG-078193	174	5	5	28	0
CONTIG-078194	701	25	7	9	0
CONTIG-078198	41	18	4	29	0
CONTIG-078199	93	6	0	16	2
CONTIG-078200	90	8	0	24	0
CONTIG-078201	61	4	0	3	0

CONTIG-078202	82	9	2	11	0
CONTIG-078203	110	8	0	33	0
CONTIG-078204	68	3	0	4	0
CONTIG-078205	234	7	3	39	0
CONTIG-078206	209	12	4	62	0
CONTIG-078207	72	2	0	3	0
CONTIG-078208	431	8	2	0	14
CONTIG-078209	73	4	3	0	0
CONTIG-078210	77	16	3	4	0
CONTIG-078211	146	13	16	45	0
CONTIG-078212	120	7	6	16	0
CONTIG-078213	153	4	0	4	0
CONTIG-078214	76	4	4	7	0
CONTIG-078216	103	7	2	21	0
CONTIG-078217	157	5	4	22	0
CONTIG-078218	70	7	3	19	0
CONTIG-078220	133	4	2	16	0
CONTIG-078221	90	8	10	14	0
CONTIG-078223	76	5	11	2	0
CONTIG-078224	376	17	2	0	18
CONTIG-078225	67	7	7	11	0
CONTIG-078226	60	5	7	11	0
CONTIG-078227	79	3	7	2	0
CONTIG-078228	79	10	5	21	0
CONTIG-078229	77	8	4	4	4
CONTIG-078230	92	11	4	13	0
CONTIG-078231	305	8	5	61	0
CONTIG-078234	195	4	2	0	7
CONTIG-078235	47	597	96	34	529
CONTIG-078236	67	6	2	17	0
CONTIG-078237	1291	20	0	0	206
CONTIG-078238	82	8	10	19	0
CONTIG-078239	107	6	0	18	0
CONTIG-078240	74	592	2	0	121
CONTIG-078242	152	5	0	17	0
CONTIG-078243	73	9	3	32	0
CONTIG-078244	465	13	2	240	0
CONTIG-078245	137	4	0	11	0
CONTIG-078246	50	3	3	0	0
CONTIG-078247	65	3	10	2	0
CONTIG-078248	145	3	0	16	0
CONTIG-078249	66	6	3	7	0
CONTIG-078250	39	159	15	273	0
CONTIG-078251	348	14	2	19	0
CONTIG-078253	261	6	18	29	0
CONTIG-078254	173	6	0	20	0
CONTIG-078255	236	7	15	41	0

CONTIG-078256	259	10	2	76	0
CONTIG-078257	175	10	3	80	0
CONTIG-078267	244	9	17	89	0
CONTIG-078268	76	5	4	8	0
CONTIG-078269	199	12	8	82	5
CONTIG-078270	108	7	16	22	0
CONTIG-078271	177	6	5	45	0
CONTIG-078272	77	7	7	11	0
CONTIG-078274	182	5	2	30	0
CONTIG-078275	188	8	0	45	0
CONTIG-078276	74	10	7	16	0
CONTIG-078277	121	5	2	9	0
CONTIG-078278	81	2	0	2	0
CONTIG-078279	318	10	2	153	0
CONTIG-078280	106	10	4	24	2
CONTIG-078281	120	6	9	25	0
CONTIG-078282	83	4	2	2	0
CONTIG-078283	83	36	6	122	0
CONTIG-078284	219	8	13	39	0
CONTIG-078286	69	13	0	37	0
CONTIG-078287	90	7	17	14	0
CONTIG-078288	110	15	20	33	0
CONTIG-078289	60	5	2	2	0
CONTIG-078291	122	11	0	0	2
CONTIG-078292	166	6	21	27	0
CONTIG-078293	101	9	5	5	0
CONTIG-078294	61	4	3	3	0
CONTIG-078295	59	5	2	5	0
CONTIG-078296	192	6	2	33	0
CONTIG-078297	168	9	2	45	0
CONTIG-078298	59	6	0	0	0
CONTIG-078299	148	5	0	20	0
CONTIG-078300	111	9	20	40	0
CONTIG-078302	87	3	0	0	0
CONTIG-078303	111	3	2	4	0
CONTIG-078304	96	6	0	19	0
CONTIG-078305	98	7	5	13	0
CONTIG-078306	73	3	4	2	0
CONTIG-078307	63	6	15	0	0
CONTIG-078308	139	6	5	25	0
CONTIG-078309	151	6	6	0	0
CONTIG-078310	102	12	8	51	0
CONTIG-078311	64	7	7	15	0
CONTIG-078312	147	5	34	13	0
CONTIG-078313	62	8	0	17	0
CONTIG-078314	136	5	12	13	0
CONTIG-078315	68	9	10	12	0

CONTIG-078316	69	6	9	6	0
CONTIG-078317	58	3	6	0	0
CONTIG-078318	292	10	13	123	0
CONTIG-078319	69	13	2	24	0
CONTIG-078320	612	11	6	4	0
CONTIG-078321	146	8	3	43	0
CONTIG-078322	130	31	13	154	2
CONTIG-078323	65	7	13	2	0
CONTIG-078324	169	5	4	19	0
CONTIG-078325	78	4	0	9	0
CONTIG-078326	74	5	8	3	0
CONTIG-078327	82	5	3	4	0
CONTIG-078328	323	14	16	161	0
CONTIG-078329	91	7	0	21	0
CONTIG-078330	66	4	10	5	0
CONTIG-078331	293	12	2	167	0
CONTIG-078332	82	8	2	30	0
CONTIG-078333	200	10	17	20	0
CONTIG-078334	80	5	0	11	0
CONTIG-078335	170	9	7	48	0
CONTIG-078337	67	7	0	16	0
CONTIG-078338	107	7	6	21	0
CONTIG-078339	82	9	5	41	0
CONTIG-078340	86	12	3	11	0
CONTIG-078343	297	13	5	46	0
CONTIG-078344	63	5	2	6	0
CONTIG-078345	133	11	2	51	0
CONTIG-078346	259	6	4	24	0
CONTIG-078347	58	2	2	2	0
CONTIG-078348	73	5	4	11	0
CONTIG-078349	379	10	5	192	0
CONTIG-078350	43	12	2	12	0
CONTIG-078351	434	10	14	117	0
CONTIG-078352	69	3	5	0	0
CONTIG-078353	96	8	0	25	0
CONTIG-078355	67	8	3	2	0
CONTIG-078356	322	11	8	170	0
CONTIG-078357	142	6	2	23	0
CONTIG-078358	58	4	3	6	0
CONTIG-078359	90	5	2	0	0
CONTIG-078360	219	7	2	37	0
CONTIG-078361	60	9	6	7	2
CONTIG-078362	58	8	4	5	2
CONTIG-078363	67	3	2	0	0
CONTIG-078364	113	8	6	15	2
CONTIG-078365	60	5	5	4	0
CONTIG-078366	66	3	2	5	0

CONTIG-078368	96	8	4	30	0
CONTIG-078372	180	4	12	11	0
CONTIG-078373	186	7	8	41	0
CONTIG-078374	73	108	8	0	0
CONTIG-078375	108	3	2	10	0
CONTIG-078376	130	8	2	17	0
CONTIG-078377	215	10	11	76	0
CONTIG-078378	80	4	7	0	0
CONTIG-078379	98	5	0	14	0
CONTIG-078380	82	56	26	147	0
CONTIG-078381	59	4	9	5	0
CONTIG-078382	107	6	7	11	0
CONTIG-078383	74	6	7	7	0
CONTIG-078384	194	7	16	42	0
CONTIG-078385	67	3	2	2	0
CONTIG-078386	142	7	2	29	0
CONTIG-078387	83	12	12	26	2
CONTIG-078388	96	5	4	9	0
CONTIG-078389	229	6	16	27	0
CONTIG-078390	121	8	0	31	0
CONTIG-078391	308	10	2	102	5
CONTIG-078392	154	4	3	13	0
CONTIG-078394	72	157	66	256	0
CONTIG-078397	296	4	2	37	0
CONTIG-078398	65	9	0	0	0
CONTIG-078399	126	7	16	18	0
CONTIG-078400	91	8	5	26	0
CONTIG-078401	45	11	9	0	0
CONTIG-078402	63	5	2	6	0
CONTIG-078403	166	8	19	48	0
CONTIG-078404	308	6	6	94	0
CONTIG-078406	120	81	6	457	0
CONTIG-078407	70	9	4	20	0
CONTIG-078408	116	5	0	7	2
CONTIG-078409	87	5	11	2	0
CONTIG-078410	169	6	2	0	0
CONTIG-078411	235	10	18	62	0
CONTIG-078412	104	10	4	54	0
CONTIG-078413	238	9	9	93	0
CONTIG-078414	127	7	3	23	0
CONTIG-078415	132	7	2	41	0
CONTIG-078416	81	9	0	23	0
CONTIG-078418	85	10	4	41	0
CONTIG-078419	303	14	2	138	0
CONTIG-078420	97	4	11	2	0
CONTIG-078421	309	12	11	136	0
CONTIG-078422	106	5	5	13	0

CONTIG-078423	80	4	9	5	0
CONTIG-078424	99	8	3	18	0
CONTIG-078426	226	8	10	57	0
CONTIG-078427	115	6	7	22	0
CONTIG-078431	65	4	0	6	0
CONTIG-078432	136	6	2	25	0
CONTIG-078433	78	3	0	0	0
CONTIG-078435	120	8	3	0	4
CONTIG-078436	164	5	13	16	0
CONTIG-078437	97	6	4	4	0
CONTIG-078438	66	6	0	2	0
CONTIG-078439	123	14	20	12	3
CONTIG-078440	156	13	13	84	0
CONTIG-078441	59	13	0	2	5
CONTIG-078442	161	6	6	35	2
CONTIG-078443	100	9	2	33	0
CONTIG-078444	60	5	6	2	0
CONTIG-078447	140	10	9	48	0
CONTIG-078448	110	3	5	13	0
CONTIG-078449	92	4	2	5	0
CONTIG-078450	243	13	7	96	2
CONTIG-078451	80	62	5	264	2
CONTIG-078452	105	6	0	16	0
CONTIG-078453	63	3	3	0	0
CONTIG-078454	91	5	5	14	0
CONTIG-078455	270	9	11	81	0
CONTIG-078457	166	4	0	19	2
CONTIG-078458	163	10	4	40	0
CONTIG-078461	589	17	4	0	63
CONTIG-078462	74	4	3	7	0
CONTIG-078463	102	5	4	7	0
CONTIG-078464	36	121	0	0	14
CONTIG-078465	146	3	7	7	0
CONTIG-078466	125	6	16	27	0
CONTIG-078468	59	5	2	0	0
CONTIG-078469	65	4	2	5	0
CONTIG-078471	63	6	0	12	0
CONTIG-078472	78	4	2	14	0
CONTIG-078473	66	5	3	11	0
CONTIG-078474	78	4	3	0	0
CONTIG-078475	113	4	0	15	0
CONTIG-078477	565	12	29	40	0
CONTIG-078478	96	4	6	0	0
CONTIG-078479	264	98	2	0	6
CONTIG-078480	624	34	5	0	67
CONTIG-078481	106	5	6	7	0
CONTIG-078482	289	8	14	72	0

CONTIG-078483	159	9	0	58	0
CONTIG-078484	116	7	2	5	0
CONTIG-078485	62	6	3	10	0
CONTIG-078486	109	4	2	8	0
CONTIG-078487	125	3	6	2	0
CONTIG-078488	397	11	0	0	25
CONTIG-078489	72	10	0	23	0
CONTIG-078490	80	3	7	2	0
CONTIG-078491	161	14	3	125	0
CONTIG-078492	136	4	6	6	0
CONTIG-078494	149	5	0	14	0
CONTIG-078495	44	8	4	0	0
CONTIG-078496	36	10	2	7	0
CONTIG-078497	88	7	2	17	0
CONTIG-078498	74	7	4	10	0
CONTIG-078499	182	8	0	32	0
CONTIG-078500	213	4	3	29	0
CONTIG-078501	125	3	2	8	0
CONTIG-078502	67	3	3	0	0
CONTIG-078503	162	9	3	38	0
CONTIG-078504	110	10	11	15	0
CONTIG-078505	83	7	2	10	0
CONTIG-078506	162	18	3	137	0
CONTIG-078512	216	7	3	52	0
CONTIG-078513	80	4	7	4	0
CONTIG-078514	83	69	0	0	0
CONTIG-078518	176	6	13	25	0
CONTIG-078519	89	18	2	16	0
CONTIG-078520	107	5	11	7	0
CONTIG-078521	223	12	29	92	0
CONTIG-078522	100	4	13	7	0
CONTIG-078523	220	16	15	72	2
CONTIG-078524	111	8	25	16	0
CONTIG-078525	289	8	14	59	0
CONTIG-078526	176	7	6	38	0
CONTIG-078527	515	14	21	411	0
CONTIG-078528	662	11	11	234	4
CONTIG-078529	124	6	0	7	0
CONTIG-078530	271	7	4	55	0
CONTIG-078531	91	7	15	17	0
CONTIG-078532	169	4	13	9	0
CONTIG-078533	107	6	0	17	0
CONTIG-078534	91	6	2	11	0
CONTIG-078535	175	4	0	0	8
CONTIG-078536	171	8	0	38	0
CONTIG-078537	314	10	12	161	0
CONTIG-078539	166	5	0	19	0

CONTIG-078540	378	11	2	41	4
CONTIG-078541	67	7	7	7	0
CONTIG-078543	67	14	9	28	0
CONTIG-078544	67	3	2	6	0
CONTIG-078545	78	6	5	4	0
CONTIG-078546	242	4	4	11	0
CONTIG-078547	155	11	16	44	0
CONTIG-078548	75	6	4	14	0
CONTIG-078549	69	6	3	18	0
CONTIG-078550	79	4	6	7	0
CONTIG-078551	90	7	0	7	0
CONTIG-078552	65	7	2	16	0
CONTIG-078553	197	8	4	52	0
CONTIG-078556	122	6	3	31	0
CONTIG-078557	80	6	0	5	0
CONTIG-078559	128	8	8	14	0
CONTIG-078561	37	13	0	9	0
CONTIG-078562	138	3	5	10	0
CONTIG-078563	335	12	19	146	2
CONTIG-078564	75	9	6	13	0
CONTIG-078565	122	8	0	45	0
CONTIG-078567	81	7	5	21	0
CONTIG-078568	81	9	4	11	0
CONTIG-078569	58	7	0	0	0
CONTIG-078570	236	19	16	154	0
CONTIG-078571	127	4	0	11	0
CONTIG-078572	59	3	2	3	0
CONTIG-078573	93	5	5	11	0
CONTIG-078574	58	8	4	10	0
CONTIG-078575	293	4	0	24	0
CONTIG-078576	280	10	26	62	0
CONTIG-078577	69	6	7	4	0
CONTIG-078579	115	5	5	6	0
CONTIG-078580	112	3	3	12	0
CONTIG-078581	116	4	3	13	0
CONTIG-078582	79	14	19	6	2
CONTIG-078583	279	13	9	72	0
CONTIG-078584	126	4	4	4	0
CONTIG-078585	64	6	8	12	0
CONTIG-078586	205	11	10	65	0
CONTIG-078587	100	4	0	0	0
CONTIG-078588	135	5	6	5	0
CONTIG-078589	230	8	14	28	0
CONTIG-078590	185	6	8	52	0
CONTIG-078594	183	6	2	34	0
CONTIG-078595	72	4	4	0	0
CONTIG-078596	123	4	0	20	0

CONTIG-078597	114	10	5	26	0
CONTIG-078598	204	6	0	45	0
CONTIG-078599	78	8	16	15	0
CONTIG-078600	74	5	3	8	0
CONTIG-078601	98	9	3	36	0
CONTIG-078602	59	4	0	5	0
CONTIG-078603	73	6	2	7	0
CONTIG-078604	59	4	0	4	0
CONTIG-078605	86	2	2	0	0
CONTIG-078606	64	6	2	14	0
CONTIG-078607	80	5	0	2	0
CONTIG-078608	66	5	4	0	0
CONTIG-078609	62	3	0	6	0
CONTIG-078610	66	5	3	2	0
CONTIG-078611	150	3	0	6	0
CONTIG-078612	293	4	6	28	0
CONTIG-078614	98	9	3	17	0
CONTIG-078615	93	5	0	13	0
CONTIG-078616	75	9	5	6	0
CONTIG-078617	124	7	9	22	0
CONTIG-078618	107	10	2	25	0
CONTIG-078619	155	9	6	46	0
CONTIG-078620	98	10	5	23	4
CONTIG-078621	63	4	3	2	0
CONTIG-078622	74	8	4	8	0
CONTIG-078623	66	3	8	4	0
CONTIG-078624	99	7	6	29	0
CONTIG-078625	76	3	0	2	0
CONTIG-078626	90	8	4	10	0
CONTIG-078627	173	7	10	35	0
CONTIG-078628	88	9	15	9	0
CONTIG-078629	93	3	2	7	0
CONTIG-078631	170	5	2	30	0
CONTIG-078632	68	4	4	6	2
CONTIG-078633	175	9	8	37	0
CONTIG-078634	90	12	5	53	0
CONTIG-078636	56	437	8	872	0
CONTIG-078637	58	2	0	0	0
CONTIG-078638	72	18	6	26	0
CONTIG-078639	247	12	7	83	12
CONTIG-078640	110	9	8	42	0
CONTIG-078641	94	6	0	2	0
CONTIG-078642	115	10	6	32	2
CONTIG-078643	218	13	10	68	0
CONTIG-078644	78	8	10	18	0
CONTIG-078645	102	5	10	11	0
CONTIG-078646	133	5	4	21	0

CONTIG-078647	130	12	2	0	0
CONTIG-078649	184	10	32	63	0
CONTIG-078650	118	5	3	20	0
CONTIG-078653	308	9	4	70	0
CONTIG-078654	111	7	6	20	0
CONTIG-078655	69	7	0	7	0
CONTIG-078656	203	6	8	17	0
CONTIG-078657	64	7	2	20	0
CONTIG-078658	160	4	2	28	0
CONTIG-078659	111	9	0	34	0
CONTIG-078660	146	5	4	27	0
CONTIG-078661	118	8	2	42	0
CONTIG-078662	70	8	5	9	0
CONTIG-078663	876	28	2	1217	0
CONTIG-078664	149	6	2	18	0
CONTIG-078665	135	9	11	38	0
CONTIG-078666	94	10	5	26	0
CONTIG-078667	178	13	3	84	0
CONTIG-078668	65	5	7	2	0
CONTIG-078669	97	5	2	4	0
CONTIG-078671	81	5	2	9	0
CONTIG-078672	121	6	0	0	0
CONTIG-078673	64	17	9	27	0
CONTIG-078674	76	5	2	8	0
CONTIG-078675	58	3	6	2	0
CONTIG-078677	211	8	6	16	0
CONTIG-078678	146	13	20	57	2
CONTIG-078679	73	8	0	14	0
CONTIG-078680	1515	14	12	317	0
CONTIG-078681	159	7	16	8	0
CONTIG-078682	98	26	2	128	0
CONTIG-078684	85	5	4	14	0
CONTIG-078685	162	5	10	12	0
CONTIG-078686	317	5	7	44	0
CONTIG-078687	96	7	12	11	2
CONTIG-078688	158	7	6	23	0
CONTIG-078691	1194	27	4	0	266
CONTIG-078692	64	13	8	16	0
CONTIG-078694	106	4	2	8	0
CONTIG-078695	61	7	2	17	0
CONTIG-078696	60	4	0	8	0
CONTIG-078697	58	4	2	4	0
CONTIG-078698	80	4	12	2	0
CONTIG-078699	79	7	14	8	0
CONTIG-078700	111	8	3	27	0
CONTIG-078701	83	4	7	8	0
CONTIG-078702	81	4	6	0	0

CONTIG-078703	61	8	4	13	2
CONTIG-078704	66	8	2	21	0
CONTIG-078705	302	62	0	0	227
CONTIG-078706	113	6	8	4	0
CONTIG-078708	67	4	5	6	0
CONTIG-078709	118	10	3	32	0
CONTIG-078710	96	23	6	88	2
CONTIG-078711	69	152	4	151	6
CONTIG-078712	166	8	2	60	0
CONTIG-078715	125	5	17	4	0
CONTIG-078716	178	6	9	40	0
CONTIG-078717	69	8	2	8	0
CONTIG-078719	208	9	6	50	0
CONTIG-078720	122	5	0	11	0
CONTIG-078721	86	7	10	5	0
CONTIG-078722	90	4	7	9	0
CONTIG-078723	62	11	7	4	0
CONTIG-078724	73	3	0	0	0
CONTIG-078725	246	7	0	12	3
CONTIG-078726	127	4	5	10	0
CONTIG-078727	80	5	12	2	0
CONTIG-078728	110	7	0	6	0
CONTIG-078729	655	23	32	868	0
CONTIG-078730	112	14	0	57	0
CONTIG-078731	101	4	0	11	0
CONTIG-078732	81	2	0	3	0
CONTIG-078733	128	3	7	2	0
CONTIG-078734	63	15	5	26	0
CONTIG-078736	600	16	8	24	0
CONTIG-078737	99	6	5	14	0
CONTIG-078738	59	2	8	0	0
CONTIG-078739	179	6	23	27	3
CONTIG-078740	94	4	0	10	2
CONTIG-078744	44	7	0	12	0
CONTIG-078745	122	9	7	14	2
CONTIG-078748	64	4	0	6	0
CONTIG-078749	360	9	9	109	0
CONTIG-078750	116	11	0	59	0
CONTIG-078751	125	4	8	4	0
CONTIG-078752	106	4	8	5	0
CONTIG-078753	87	2	2	4	0
CONTIG-078755	148	5	2	23	0
CONTIG-078756	134	8	5	33	0
CONTIG-078757	175	14	2	64	0
CONTIG-078758	75	5	9	8	0
CONTIG-078759	103	4	4	6	0
CONTIG-078760	106	7	0	29	0

CONTIG-078761	188	7	2	40	0
CONTIG-078762	215	6	11	33	0
CONTIG-078763	361	14	13	257	0
CONTIG-078764	150	8	15	35	0
CONTIG-078765	206	15	15	120	0
CONTIG-078766	378	19	21	167	2
CONTIG-078768	457	9	5	129	0
CONTIG-078769	59	6	15	6	0
CONTIG-078770	67	3	0	4	0
CONTIG-078771	95	3	12	2	0
CONTIG-078772	138	42	6	0	0
CONTIG-078773	200	15	6	158	0
CONTIG-078774	136	4	2	15	0
CONTIG-078776	294	45	0	0	94
CONTIG-078777	78	7	16	0	0
CONTIG-078778	83	9	3	36	0
CONTIG-078779	307	9	14	71	0
CONTIG-078780	66	33	33	18	0
CONTIG-078781	428	18	40	278	0
CONTIG-078787	173	7	2	46	0
CONTIG-078788	119	4	4	7	2
CONTIG-078789	149	10	9	49	0
CONTIG-078790	75	3	5	0	0
CONTIG-078791	128	8	5	17	0
CONTIG-078794	74	17	15	15	0
CONTIG-078795	122	4	3	10	0
CONTIG-078797	69	7	12	9	0
CONTIG-078798	45	54	0	68	0
CONTIG-078799	192	11	27	13	2
CONTIG-078800	107	12	2	0	2
CONTIG-078802	67	10	6	21	2
CONTIG-078803	88	8	16	7	0
CONTIG-078804	61	2	5	4	0
CONTIG-078805	83	4	0	15	0
CONTIG-078806	204	17	2	118	0
CONTIG-078807	67	9	0	27	0
CONTIG-078808	315	7	2	81	0
CONTIG-078810	67	6	6	3	0
CONTIG-078811	119	8	3	0	8
CONTIG-078812	69	5	9	4	0
CONTIG-078813	74	6	0	8	0
CONTIG-078815	103	6	2	18	0
CONTIG-078817	183	10	6	44	0
CONTIG-078818	60	2	3	2	0
CONTIG-078819	68	6	6	9	0
CONTIG-078820	255	5	3	15	0
CONTIG-078821	185	6	4	31	0

CONTIG-078822	358	5	6	51	0
CONTIG-078823	427	17	2	0	49
CONTIG-078824	166	9	8	43	0
CONTIG-078825	541	10	30	164	0
CONTIG-078826	58	4	7	0	0
CONTIG-078827	72	5	0	8	0
CONTIG-078828	77	9	20	13	0
CONTIG-078829	214	9	14	75	0
CONTIG-078830	158	5	15	23	0
CONTIG-078831	87	11	8	10	0
CONTIG-078832	98	32	3	11	0
CONTIG-078833	375	12	0	7	0
CONTIG-078834	60	3	6	2	0
CONTIG-078835	70	6	0	9	0
CONTIG-078836	124	4	3	18	0
CONTIG-078837	319	17	5	29	35
CONTIG-078839	69	4	5	9	0
CONTIG-078840	61	7	2	21	0
CONTIG-078841	140	4	6	4	0
CONTIG-078843	206	6	7	38	0
CONTIG-078844	332	10	11	15	0
CONTIG-078845	62	3	7	3	0
CONTIG-078846	135	4	2	9	0
CONTIG-078847	77	11	3	0	0
CONTIG-078848	80	12	0	30	0
CONTIG-078849	100	7	6	23	0
CONTIG-078850	81	6	5	15	0
CONTIG-078852	143	3	4	8	0
CONTIG-078853	139	5	0	17	0
CONTIG-078854	221	6	11	35	0
CONTIG-078855	96	6	5	14	0
CONTIG-078856	152	12	14	86	0
CONTIG-078858	61	7	7	11	0
CONTIG-078859	132	7	6	16	0
CONTIG-078860	83	5	12	9	0
CONTIG-078862	82	9	2	18	0
CONTIG-078863	95	9	5	11	0
CONTIG-078864	207	6	0	20	2
CONTIG-078865	127	14	4	71	0
CONTIG-078866	60	6	0	6	0
CONTIG-078867	82	7	4	12	0
CONTIG-078869	58	4	0	3	0
CONTIG-078870	95	9	6	19	0
CONTIG-078871	92	6	5	9	0
CONTIG-078872	71	7	3	16	0
CONTIG-078873	73	6	0	6	0
CONTIG-078874	276	17	13	139	4

CONTIG-078875	72	2	0	3	0
CONTIG-078876	168	8	16	51	0
CONTIG-078877	119	4	0	10	0
CONTIG-078878	124	9	8	38	0
CONTIG-078879	113	65	0	424	0
CONTIG-078880	112	6	2	16	0
CONTIG-078881	72	2	0	2	0
CONTIG-078882	331	10	14	107	0
CONTIG-078883	68	4	0	4	0
CONTIG-078884	294	8	0	88	2
CONTIG-078885	155	11	26	31	0
CONTIG-078886	103	3	11	2	0
CONTIG-078887	95	4	2	6	0
CONTIG-078888	99	6	3	8	0
CONTIG-078889	73	10	11	12	0
CONTIG-078890	106	9	5	28	0
CONTIG-078891	124	6	5	6	0
CONTIG-078893	162	11	3	77	0
CONTIG-078894	124	4	6	6	0
CONTIG-078895	121	5	0	29	0
CONTIG-078896	61	4	2	5	0
CONTIG-078897	75	19	8	64	0
CONTIG-078898	67	7	3	3	0
CONTIG-078899	111	9	12	42	0
CONTIG-078900	101	4	5	2	0
CONTIG-078905	132	3	5	4	0
CONTIG-078906	72	6	0	10	0
CONTIG-078910	65	12	6	0	5
CONTIG-078911	172	3	0	0	2
CONTIG-078912	94	9	2	23	0
CONTIG-078913	72	3	2	5	0
CONTIG-078914	129	14	6	19	0
CONTIG-078915	129	15	7	103	0
CONTIG-078916	62	2	0	2	0
CONTIG-078917	735	17	20	503	6
CONTIG-078918	80	5	7	10	0
CONTIG-078919	86	6	2	9	0
CONTIG-078920	92	6	3	17	0
CONTIG-078921	77	9	0	0	0
CONTIG-078922	99	5	14	12	0
CONTIG-078923	368	8	9	63	0
CONTIG-078924	150	5	8	25	0
CONTIG-078925	66	3	0	6	0
CONTIG-078926	63	24	11	35	0
CONTIG-078927	157	6	2	41	0
CONTIG-078928	219	6	8	27	0
CONTIG-078929	103	4	8	11	0

CONTIG-078930	77	3	2	10	0
CONTIG-078931	59	8	3	16	0
CONTIG-078932	92	4	0	2	0
CONTIG-078934	80	6	20	8	0
CONTIG-078935	143	24	18	113	4
CONTIG-078936	196	5	3	0	9
CONTIG-078937	194	6	0	8	0
CONTIG-078939	127	7	3	33	0
CONTIG-078940	135	9	14	50	0
CONTIG-078941	62	12	4	25	0
CONTIG-078946	82	4	2	2	0
CONTIG-078947	180	8	2	36	0
CONTIG-078948	58	2	0	2	0
CONTIG-078949	73	6	6	9	0
CONTIG-078950	64	5	3	6	0
CONTIG-078951	186	9	5	70	0
CONTIG-078952	170	10	4	0	5
CONTIG-078953	83	21	11	33	0
CONTIG-078954	61	3	0	2	0
CONTIG-078955	63	7	21	2	0
CONTIG-078956	78	6	3	4	0
CONTIG-078957	196	10	3	61	0
CONTIG-078958	155	7	7	11	0
CONTIG-078959	61	4	4	2	0
CONTIG-078960	84	25	6	53	0
CONTIG-078962	801	30	0	0	158
CONTIG-078963	224	5	2	37	0
CONTIG-078964	140	8	2	34	0
CONTIG-078966	92	2	0	7	0
CONTIG-078967	189	17	0	0	0
CONTIG-078968	63	4	0	11	0
CONTIG-078969	84	15	6	0	0
CONTIG-078970	115	7	0	28	0
CONTIG-078971	121	4	3	5	0
CONTIG-078972	127	21	11	45	0
CONTIG-078975	58	7	4	11	0
CONTIG-078976	81	4	2	11	0
CONTIG-078977	217	18	11	0	10
CONTIG-078978	210	11	9	63	0
CONTIG-078979	69	4	2	2	0
CONTIG-078981	1126	44	25	23	0
CONTIG-078982	191	8	3	26	2
CONTIG-078983	135	9	10	30	0
CONTIG-078984	223	10	8	70	0
CONTIG-078985	101	193	40	496	0
CONTIG-078986	71	8	0	13	0
CONTIG-078987	66	3	4	4	0

CONTIG-078988	112	8	7	34	0
CONTIG-078989	120	6	7	8	0
CONTIG-078990	92	7	0	19	0
CONTIG-078991	108	10	0	45	0
CONTIG-078992	61	4	0	0	0
CONTIG-078993	510	13	12	19	0
CONTIG-078994	395	67	2	0	112
CONTIG-078995	171	14	5	104	0
CONTIG-078996	233	8	18	55	0
CONTIG-078997	106	4	6	8	0
CONTIG-078998	165	5	0	9	0
CONTIG-079000	177	5	6	21	0
CONTIG-079001	69	8	11	0	0
CONTIG-079002	62	14	14	10	0
CONTIG-079006	827	11	3	0	11
CONTIG-079007	253	9	33	60	0
CONTIG-079008	93	5	3	11	0
CONTIG-079009	64	10	13	5	0
CONTIG-079010	144	5	8	23	0
CONTIG-079011	75	9	2	16	0
CONTIG-079012	142	4	6	2	0
CONTIG-079013	82	15	4	58	0
CONTIG-079014	56	1020	26	1686	0
CONTIG-079015	197	8	12	43	2
CONTIG-079016	201	9	0	63	0
CONTIG-079017	77	7	4	8	0
CONTIG-079018	197	93	2	0	153
CONTIG-079019	64	5	7	14	0
CONTIG-079020	117	8	0	48	0
CONTIG-079021	60	5	4	2	0
CONTIG-079022	115	5	0	8	0
CONTIG-079023	101	9	5	34	0
CONTIG-079024	180	10	12	2	0
CONTIG-079025	135	22	11	103	0
CONTIG-079026	159	9	8	50	0
CONTIG-079027	69	5	0	2	2
CONTIG-079028	175	8	0	42	0
CONTIG-079029	223	8	5	88	0
CONTIG-079030	145	11	17	24	0
CONTIG-079031	73	2	3	2	0
CONTIG-079032	182	7	7	25	0
CONTIG-079033	143	9	6	60	0
CONTIG-079034	91	6	0	21	0
CONTIG-079035	152	7	5	26	0
CONTIG-079036	83	5	7	0	0
CONTIG-079037	134	6	8	22	0
CONTIG-079038	98	33	0	110	0

CONTIG-079039	100	8	0	17	0
CONTIG-079040	130	6	6	4	0
CONTIG-079041	143	34	0	250	0
CONTIG-079042	95	4	4	10	0
CONTIG-079043	98	9	0	20	2
CONTIG-079044	140	15	2	103	0
CONTIG-079046	162	8	7	29	0
CONTIG-079047	63	4	8	6	0
CONTIG-079048	85	8	2	26	0
CONTIG-079049	77	9	2	14	0
CONTIG-079050	214	6	0	29	0
CONTIG-079051	136	8	8	38	0
CONTIG-079052	96	7	12	15	0
CONTIG-079053	60	5	0	11	0
CONTIG-079054	146	64	4	492	0
CONTIG-079055	215	6	15	18	2
CONTIG-079056	1052	24	0	0	249
CONTIG-079057	328	16	22	174	2
CONTIG-079058	77	5	2	4	0
CONTIG-079059	297	9	0	103	0
CONTIG-079061	124	11	6	0	0
CONTIG-079062	454	14	14	313	0
CONTIG-079063	77	10	7	15	0
CONTIG-079064	95	5	16	13	0
CONTIG-079065	129	16	3	18	0
CONTIG-079066	122	7	6	23	0
CONTIG-079067	93	9	2	26	0
CONTIG-079068	84	8	6	20	0
CONTIG-079069	60	5	5	0	0
CONTIG-079070	118	8	6	20	0
CONTIG-079071	127	22	7	75	24
CONTIG-079072	128	17	28	93	0
CONTIG-079075	252	5	0	14	0
CONTIG-079076	67	3	0	4	0
CONTIG-079077	170	20	24	103	2
CONTIG-079078	175	9	6	28	2
CONTIG-079079	99	6	3	12	0
CONTIG-079080	80	7	0	10	0
CONTIG-079081	217	7	8	23	0
CONTIG-079082	128	6	2	26	0
CONTIG-079083	227	10	3	4	0
CONTIG-079084	65	3	0	3	0
CONTIG-079085	177	5	2	35	0
CONTIG-079086	106	5	0	0	0
CONTIG-079087	90	10	13	16	0
CONTIG-079088	87	4	4	6	0
CONTIG-079089	96	5	2	19	0

CONTIG-079090	96	4	2	2	0
CONTIG-079091	58	3	5	2	0
CONTIG-079092	75	3	2	2	0
CONTIG-079093	140	3	0	2	0
CONTIG-079094	74	4	2	2	2
CONTIG-079095	116	4	3	13	0
CONTIG-079096	165	7	0	42	0
CONTIG-079097	195	8	0	51	0
CONTIG-079098	85	8	6	22	0
CONTIG-079101	59	3	4	2	0
CONTIG-079102	118	6	10	8	0
CONTIG-079103	75	6	3	6	0
CONTIG-079104	129	6	10	10	0
CONTIG-079105	193	7	10	42	0
CONTIG-079106	58	4	0	0	0
CONTIG-079107	137	18	4	100	2
CONTIG-079108	87	9	2	19	0
CONTIG-079109	98	5	0	8	0
CONTIG-079110	163	8	2	40	0
CONTIG-079111	154	5	2	15	0
CONTIG-079112	325	14	3	46	5
CONTIG-079116	102	4	0	7	3
CONTIG-079117	153	14	7	91	0
CONTIG-079118	208	6	0	43	0
CONTIG-079119	141	5	0	16	0
CONTIG-079120	211	12	5	113	0
CONTIG-079121	90	4	2	2	0
CONTIG-079122	153	7	14	16	0
CONTIG-079123	111	5	0	21	0
CONTIG-079125	344	9	9	84	0
CONTIG-079126	89	4	4	16	0
CONTIG-079130	79	2	0	2	0
CONTIG-079131	129	4	0	22	0
CONTIG-079132	64	8	7	3	2
CONTIG-079133	184	4	4	16	0
CONTIG-079134	229	13	3	22	0
CONTIG-079135	66	5	2	5	0
CONTIG-079136	289	9	2	57	2
CONTIG-079137	160	5	5	4	0
CONTIG-079138	201	9	9	72	0
CONTIG-079139	243	15	5	42	0
CONTIG-079140	126	9	2	5	0
CONTIG-079141	89	4	2	7	0
CONTIG-079142	87	3	0	6	0
CONTIG-079143	91	8	9	21	0
CONTIG-079144	222	5	4	23	0
CONTIG-079146	89	5	2	7	0

CONTIG-079147	323	11	14	90	7
CONTIG-079148	328	8	2	95	0
CONTIG-079149	117	4	0	13	0
CONTIG-079150	77	34	10	138	0
CONTIG-079151	190	4	4	18	0
CONTIG-079152	164	12	8	30	0
CONTIG-079153	586	21	6	413	0
CONTIG-079154	113	5	3	20	0
CONTIG-079156	433	11	9	209	0
CONTIG-079157	105	7	5	25	0
CONTIG-079158	66	9	10	10	0
CONTIG-079159	91	3	0	0	0
CONTIG-079160	217	8	0	39	0
CONTIG-079161	167	7	6	18	0
CONTIG-079163	87	7	2	29	0
CONTIG-079164	64	7	2	5	0
CONTIG-079165	81	4	5	2	0
CONTIG-079166	299	12	18	104	2
CONTIG-079167	219	19	2	157	7
CONTIG-079168	86	3	2	3	0
CONTIG-079169	157	7	11	14	3
CONTIG-079170	205	6	4	7	3
CONTIG-079171	244	6	2	42	2
CONTIG-079172	168	7	5	35	0
CONTIG-079173	69	3	0	6	0
CONTIG-079174	99	18	2	94	0
CONTIG-079175	145	4	3	9	0
CONTIG-079176	113	7	2	13	0
CONTIG-079177	243	16	4	132	0
CONTIG-079178	69	8	7	17	0
CONTIG-079179	164	7	5	26	0
CONTIG-079180	70	5	16	2	0
CONTIG-079181	369	9	14	98	2
CONTIG-079182	43	156	0	236	4
CONTIG-079183	582	12	15	196	4
CONTIG-079184	423	6	4	77	0
CONTIG-079185	164	7	0	14	0
CONTIG-079186	63	4	8	2	0
CONTIG-079187	59	4	4	2	0
CONTIG-079188	94	62	12	34	0
CONTIG-079190	64	4	0	2	0
CONTIG-079191	63	7	3	19	0
CONTIG-079192	88	5	7	7	0
CONTIG-079193	73	11	3	25	0
CONTIG-079194	122	6	21	20	0
CONTIG-079195	96	5	2	14	0
CONTIG-079196	218	5	5	33	0

CONTIG-079197	58	3	2	8	0
CONTIG-079198	76	8	10	11	0
CONTIG-079199	98	6	5	18	0
CONTIG-079200	105	3	2	9	0
CONTIG-079201	174	9	15	58	0
CONTIG-079202	61	5	2	5	0
CONTIG-079203	197	7	5	16	0
CONTIG-079204	303	16	12	263	0
CONTIG-079205	63	18	7	37	0
CONTIG-079206	77	3	0	7	0
CONTIG-079207	183	14	17	95	0
CONTIG-079209	436	24	8	44	0
CONTIG-079210	60	5	3	7	0
CONTIG-079211	106	9	0	10	0
CONTIG-079212	140	8	15	31	0
CONTIG-079213	128	6	4	19	0
CONTIG-079214	72	11	8	28	0
CONTIG-079215	58	9	6	23	0
CONTIG-079217	114	14	2	55	0
CONTIG-079218	133	4	2	6	0
CONTIG-079219	74	13	2	45	0
CONTIG-079220	71	5	5	2	0
CONTIG-079221	287	6	8	0	2
CONTIG-079222	71	8	2	9	0
CONTIG-079224	110	9	5	28	2
CONTIG-079226	144	8	10	49	0
CONTIG-079227	116	9	9	16	0
CONTIG-079228	75	5	0	20	0
CONTIG-079229	159	15	12	106	0
CONTIG-079230	259	11	6	90	0
CONTIG-079231	94	8	10	22	0
CONTIG-079233	82	7	2	16	0
CONTIG-079234	160	5	0	14	0
CONTIG-079235	173	5	2	12	0
CONTIG-079236	197	13	13	79	0
CONTIG-079237	149	6	27	0	0
CONTIG-079238	200	8	3	45	0
CONTIG-079239	201	12	4	85	0
CONTIG-079240	239	6	14	18	0
CONTIG-079241	389	10	2	0	4
CONTIG-079242	65	5	0	13	0
CONTIG-079243	171	8	2	44	0
CONTIG-079244	78	5	2	5	0
CONTIG-079245	116	5	8	21	0
CONTIG-079246	86	3	3	6	0
CONTIG-079247	134	14	9	35	0
CONTIG-079248	111	6	2	14	0

CONTIG-079250	150	8	14	46	0
CONTIG-079251	204	13	4	55	0
CONTIG-079254	546	80	2	0	439
CONTIG-079255	248	15	10	127	0
CONTIG-079256	94	5	3	17	0
CONTIG-079257	174	33	16	232	0
CONTIG-079259	183	8	4	41	0
CONTIG-079260	58	4	0	12	0
CONTIG-079262	80	5	7	2	0
CONTIG-079263	201	8	17	63	0
CONTIG-079264	327	8	10	69	0
CONTIG-079265	387	6	8	52	0
CONTIG-079266	70	342	18	549	14
CONTIG-079267	64	10	8	19	0
CONTIG-079268	108	5	0	0	3
CONTIG-079271	203	17	5	88	0
CONTIG-079272	118	6	5	26	0
CONTIG-079273	71	5	6	10	0
CONTIG-079277	49	5	0	6	0
CONTIG-079278	102	4	7	9	0
CONTIG-079279	64	4	2	8	0
CONTIG-079280	144	5	4	25	0
CONTIG-079281	70	4	5	7	0
CONTIG-079282	98	5	4	16	0
CONTIG-079283	70	14	6	32	0
CONTIG-079285	73	4	11	3	0
CONTIG-079286	88	5	0	20	0
CONTIG-079287	65	7	4	11	0
CONTIG-079288	145	9	2	36	0
CONTIG-079289	81	4	3	11	0
CONTIG-079290	62	7	3	5	0
CONTIG-079291	75	9	6	6	0
CONTIG-079292	253	13	2	98	4
CONTIG-079293	147	9	3	36	0
CONTIG-079294	122	3	2	4	0
CONTIG-079295	63	4	5	2	0
CONTIG-079296	58	8	9	4	0
CONTIG-079299	46	5	4	7	0
CONTIG-079300	71	3	5	6	0
CONTIG-079301	98	6	0	17	2
CONTIG-079302	168	13	18	59	0
CONTIG-079303	78	21	3	93	0
CONTIG-079304	196	30	2	237	3
CONTIG-079305	63	7	8	4	0
CONTIG-079306	94	4	6	4	0
CONTIG-079307	105	4	2	6	0
CONTIG-079308	71	45	7	100	3

CONTIG-079309	83	3	4	0	0
CONTIG-079312	405	7	6	53	0
CONTIG-079313	69	7	3	11	0
CONTIG-079315	412	14	14	31	0
CONTIG-079316	86	7	0	24	0
CONTIG-079317	108	7	4	10	0
CONTIG-079318	80	7	4	21	0
CONTIG-079319	132	5	9	17	0
CONTIG-079320	194	10	2	55	0
CONTIG-079321	190	6	8	44	0
CONTIG-079322	311	11	5	103	4
CONTIG-079324	97	2	5	3	0
CONTIG-079325	170	13	0	70	0
CONTIG-079326	163	6	5	28	0
CONTIG-079327	67	8	11	2	0
CONTIG-079328	69	5	0	8	0
CONTIG-079329	125	9	0	30	0
CONTIG-079330	85	4	3	11	0
CONTIG-079331	73	7	29	2	0
CONTIG-079332	511	16	2	5	0
CONTIG-079333	60	6	3	0	0
CONTIG-079337	42	16	2	5	0
CONTIG-079338	113	4	0	0	0
CONTIG-079339	78	7	3	14	0
CONTIG-079340	75	3	7	0	0
CONTIG-079341	189	12	10	17	0
CONTIG-079342	58	3	4	7	0
CONTIG-079343	286	8	4	47	0
CONTIG-079344	563	15	2	0	45
CONTIG-079345	171	14	3	99	2
CONTIG-079346	222	6	2	20	0
CONTIG-079347	119	7	5	30	0
CONTIG-079348	111	9	3	34	0
CONTIG-079350	75	3	2	8	0
CONTIG-079351	101	3	7	6	0
CONTIG-079352	124	6	6	12	0
CONTIG-079353	242	7	0	56	0
CONTIG-079354	484	22	10	6	0
CONTIG-079355	138	8	12	37	0
CONTIG-079356	72	6	6	11	0
CONTIG-079357	162	9	9	53	0
CONTIG-079358	72	7	2	21	0
CONTIG-079363	171	5	9	26	0
CONTIG-079364	124	11	21	33	2
CONTIG-079365	72	10	0	33	0
CONTIG-079366	82	5	12	6	0
CONTIG-079367	477	9	6	207	0

CONTIG-079368	126	9	6	22	0
CONTIG-079369	94	5	4	15	0
CONTIG-079370	267	13	13	56	0
CONTIG-079371	68	9	0	22	0
CONTIG-079372	158	2	6	2	0
CONTIG-079373	90	5	3	16	0
CONTIG-079374	95	8	0	4	0
CONTIG-079375	211	5	9	17	0
CONTIG-079376	58	3	2	6	0
CONTIG-079377	852	17	10	811	0
CONTIG-079378	62	2	0	2	0
CONTIG-079379	245	9	2	50	4
CONTIG-079380	92	9	11	31	0
CONTIG-079382	318	7	8	55	0
CONTIG-079383	86	6	2	11	0
CONTIG-079384	92	21	6	23	0
CONTIG-079385	99	10	2	0	3
CONTIG-079386	231	3	5	7	0
CONTIG-079387	145	36	6	214	0
CONTIG-079388	75	77	3	8	0
CONTIG-079390	84	16	0	4	0
CONTIG-079392	146	7	7	29	0
CONTIG-079393	189	6	9	38	0
CONTIG-079394	87	3	3	2	0
CONTIG-079395	123	3	2	13	0
CONTIG-079396	164	7	4	17	0
CONTIG-079397	66	3857	0	2	6976
CONTIG-079398	146	12	6	53	2
CONTIG-079399	86	3	0	0	0
CONTIG-079400	82	4	3	5	0
CONTIG-079401	176	13	2	30	0
CONTIG-079402	90	3	2	8	0
CONTIG-079403	100	3	13	6	0
CONTIG-079404	143	7	5	32	0
CONTIG-079405	112	5	6	18	0
CONTIG-079406	227	7	13	62	0
CONTIG-079407	65	5	11	7	0
CONTIG-079408	87	12	4	31	2
CONTIG-079409	97	5	4	7	0
CONTIG-079410	75	4	0	7	0
CONTIG-079412	71	4	6	6	0
CONTIG-079414	90	10	2	24	2
CONTIG-079415	114	8	0	21	0
CONTIG-079416	73	3	6	2	0
CONTIG-079417	144	8	0	32	0
CONTIG-079418	119	7	2	33	0
CONTIG-079419	147	12	5	33	0

CONTIG-079420	81	9	9	13	0
CONTIG-079421	58	4	0	2	0
CONTIG-079422	90	3	2	4	0
CONTIG-079423	129	15	5	55	0
CONTIG-079424	72	4	3	13	0
CONTIG-079425	87	5	5	10	0
CONTIG-079426	58	8	6	0	0
CONTIG-079427	62	7	0	9	0
CONTIG-079433	135	11	2	34	2
CONTIG-079434	192	10	3	18	0
CONTIG-079435	169	6	5	10	0
CONTIG-079436	124	3	3	2	0
CONTIG-079437	708	36	9	9	0
CONTIG-079438	72	5	2	10	0
CONTIG-079439	61	7	3	4	0
CONTIG-079440	138	6	9	12	0
CONTIG-079441	137	14	4	93	0
CONTIG-079442	83	3	0	7	0
CONTIG-079446	191	4	3	13	0
CONTIG-079447	552	11	14	145	0
CONTIG-079449	430	9	2	0	12
CONTIG-079450	155	5	4	27	0
CONTIG-079451	82	4	2	7	0
CONTIG-079452	297	7	6	61	0
CONTIG-079453	72	7	10	2	0
CONTIG-079454	96	4	2	10	0
CONTIG-079456	135	5	7	14	0
CONTIG-079457	956	18	22	659	10
CONTIG-079458	68	3	2	5	0
CONTIG-079459	39	8	0	2	0
CONTIG-079462	140	5	2	16	0
CONTIG-079463	91	8	4	20	0
CONTIG-079464	79	4	11	6	0
CONTIG-079465	185	9	3	49	0
CONTIG-079466	58	5	0	4	0
CONTIG-079467	72	6	11	5	0
CONTIG-079469	67	10	0	22	0
CONTIG-079471	162	6	11	23	0
CONTIG-079473	80	3	0	10	0
CONTIG-079474	144	6	4	20	0
CONTIG-079475	108	11	5	46	2
CONTIG-079477	130	6	2	19	0
CONTIG-079478	190	8	10	47	0
CONTIG-079479	96	3	2	7	0
CONTIG-079480	452	22	7	9	0
CONTIG-079481	207	11	0	66	0
CONTIG-079482	97	4	0	2	0

CONTIG-079483	134	7	2	23	0
CONTIG-079484	109	5	2	4	0
CONTIG-079486	103	6	13	11	0
CONTIG-079487	159	9	5	24	2
CONTIG-079488	74	4	0	5	0
CONTIG-079489	189	12	9	61	0
CONTIG-079490	648	18	27	559	0
CONTIG-079491	67	3	4	3	0
CONTIG-079492	65	3	4	2	0
CONTIG-079493	85	3	8	4	0
CONTIG-079494	63	5	2	4	0
CONTIG-079495	187	7	2	50	0
CONTIG-079496	66	3	10	0	0
CONTIG-079501	258	11	15	113	0
CONTIG-079502	80	5	0	10	0
CONTIG-079503	174	6	4	32	0
CONTIG-079504	124	7	2	29	0
CONTIG-079505	77	6	0	15	0
CONTIG-079509	66	3	7	2	0
CONTIG-079510	103	6	2	14	0
CONTIG-079512	66	7	27	0	0
CONTIG-079513	74	4	2	9	0
CONTIG-079517	196	4	5	5	0
CONTIG-079518	143	12	12	64	0
CONTIG-079519	66	4	0	6	0
CONTIG-079520	112	5	0	0	0
CONTIG-079521	171	6	3	32	0
CONTIG-079522	87	3	2	6	3
CONTIG-079523	102	5	5	10	0
CONTIG-079524	147	8	12	36	0
CONTIG-079525	135	18	6	79	4
CONTIG-079527	173	5	2	6	0
CONTIG-079528	159	5	13	13	0
CONTIG-079529	73	9	9	2	0
CONTIG-079530	66	9	4	18	0
CONTIG-079531	116	4	10	2	0
CONTIG-079532	65	5	2	7	0
CONTIG-079533	97	6	0	15	0
CONTIG-079534	171	11	10	53	0
CONTIG-079535	80	7	2	3	0
CONTIG-079536	60	3	4	3	0
CONTIG-079537	86	5	10	13	0
CONTIG-079538	106	9	9	0	0
CONTIG-079539	77	10	19	23	0
CONTIG-079540	72	7	3	17	0
CONTIG-079541	292	9	27	71	0
CONTIG-079542	83	2	2	0	0

CONTIG-079543	63	6	0	0	2
CONTIG-079544	81	5	4	0	0
CONTIG-079545	99	6	2	27	0
CONTIG-079546	76	3	8	2	0
CONTIG-079547	138	9	26	42	0
CONTIG-079548	74	4	2	8	0
CONTIG-079550	65	11	18	2	0
CONTIG-079551	36	35	9	5	0
CONTIG-079552	209	6	7	44	0
CONTIG-079553	238	53	33	786	0
CONTIG-079554	265	16	7	167	0
CONTIG-079555	216	5	3	36	0
CONTIG-079556	48	34	12	29	0
CONTIG-079557	59	4	2	6	0
CONTIG-079558	310	9	7	105	2
CONTIG-079559	202	9	7	19	0
CONTIG-079560	98	3	2	9	0
CONTIG-079561	170	10	10	7	0
CONTIG-079562	70	3	3	2	0
CONTIG-079563	216	12	3	120	0
CONTIG-079564	202	8	3	42	0
CONTIG-079565	106	6	7	17	0
CONTIG-079572	87	8	6	21	0
CONTIG-079573	167	7	17	38	0
CONTIG-079574	141	28	4	111	0
CONTIG-079575	140	13	2	62	0
CONTIG-079576	146	6	0	30	0
CONTIG-079577	210	6	4	46	0
CONTIG-079578	76	7	21	6	0
CONTIG-079579	299	8	2	41	0
CONTIG-079580	130	4	0	17	0
CONTIG-079581	63	4	5	6	0
CONTIG-079582	69	10	5	14	0
CONTIG-079583	60	3	4	2	0
CONTIG-079584	71	4	0	0	0
CONTIG-079585	185	16	13	67	0
CONTIG-079586	597	12	15	301	0
CONTIG-079587	58	3	3	5	0
CONTIG-079588	87	6	2	3	0
CONTIG-079589	121	3	2	12	0
CONTIG-079590	269	8	16	60	0
CONTIG-079591	64	10	20	0	0
CONTIG-079592	84	3	6	2	0
CONTIG-079593	312	9	10	101	0
CONTIG-079594	122	10	7	29	0
CONTIG-079595	71	10	0	11	0
CONTIG-079596	166	12	4	91	0

CONTIG-079597	85	4	4	10	0
CONTIG-079598	361	7	3	51	0
CONTIG-079599	113	6	2	17	0
CONTIG-079601	75	6	2	15	0
CONTIG-079602	263	13	12	117	0
CONTIG-079603	222	11	9	95	2
CONTIG-079604	139	4	13	7	0
CONTIG-079605	162	6	6	31	0
CONTIG-079606	135	8	12	15	0
CONTIG-079607	88	6	2	13	0
CONTIG-079608	143	13	10	62	0
CONTIG-079609	145	10	0	20	0
CONTIG-079610	214	18	5	16	0
CONTIG-079611	156	8	4	36	0
CONTIG-079612	120	10	4	0	5
CONTIG-079613	71	8	3	12	0
CONTIG-079614	61	14	6	20	0
CONTIG-079615	90	9	3	22	0
CONTIG-079616	90	7	2	21	0
CONTIG-079617	261	27	10	153	15
CONTIG-079618	206	11	6	73	0
CONTIG-079619	323	10	14	108	0
CONTIG-079620	209	6	3	39	0
CONTIG-079621	75	8	4	29	0
CONTIG-079622	480	13	8	317	0
CONTIG-079623	184	17	31	86	0
CONTIG-079624	196	10	10	60	0
CONTIG-079625	211	16	0	0	24
CONTIG-079626	157	35	0	0	61
CONTIG-079627	60	8	12	2	0
CONTIG-079628	117	7	6	19	0
CONTIG-079629	150	8	6	10	0
CONTIG-079630	74	4	3	9	0
CONTIG-079631	182	3	2	9	0
CONTIG-079632	263	6	16	46	0
CONTIG-079633	959	38	4	2	304
CONTIG-079634	96	13	7	26	0
CONTIG-079635	89	3	0	2	0
CONTIG-079636	94	4	0	10	0
CONTIG-079638	319	9	3	139	0
CONTIG-079639	191	12	7	69	0
CONTIG-079640	60	4	2	5	0
CONTIG-079641	91	6	2	23	0
CONTIG-079642	62	3	11	0	0
CONTIG-079643	96	4	2	11	0
CONTIG-079644	110	5	2	5	0
CONTIG-079645	64	69	4	205	0

CONTIG-079646	207	6	5	23	2
CONTIG-079647	106	14	17	17	0
CONTIG-079648	108	2	2	4	0
CONTIG-079649	70	3	0	8	0
CONTIG-079650	240	11	9	90	2
CONTIG-079651	122	8	17	10	0
CONTIG-079652	103	8	7	15	0
CONTIG-079653	98	5	2	14	0
CONTIG-079654	116	9	7	45	0
CONTIG-079655	184	5	0	14	0
CONTIG-079656	121	11	11	22	0
CONTIG-079657	76	4	0	0	0
CONTIG-079658	104	11	11	28	0
CONTIG-079659	176	8	5	26	0
CONTIG-079660	147	26	18	169	0
CONTIG-079661	168	12	10	80	0
CONTIG-079662	362	18	2	0	11
CONTIG-079663	624	15	2	277	8
CONTIG-079666	193	21	5	159	0
CONTIG-079667	59	6	2	15	0
CONTIG-079668	67	5	2	8	0
CONTIG-079669	86	2	0	0	0
CONTIG-079670	118	4	0	18	0
CONTIG-079671	86	7	2	15	0
CONTIG-079672	146	4	0	26	0
CONTIG-079673	112	5	5	14	0
CONTIG-079674	103	24	3	0	2
CONTIG-079675	69	4	4	4	0
CONTIG-079676	93	3	0	3	0
CONTIG-079677	81	23	6	80	0
CONTIG-079678	61	4	4	0	0
CONTIG-079679	201	22	5	113	0
CONTIG-079680	230	4	0	14	0
CONTIG-079681	119	7	6	11	0
CONTIG-079682	90	8	6	19	0
CONTIG-079683	128	6	0	27	0
CONTIG-079684	164	6	0	20	0
CONTIG-079686	89	10	3	21	0
CONTIG-079687	66	3	0	2	0
CONTIG-079688	58	5	2	9	0
CONTIG-079689	362	5	6	36	0
CONTIG-079690	119	8	11	31	0
CONTIG-079691	82	4	0	9	0
CONTIG-079692	63	8	4	2	0
CONTIG-079693	77	4	0	13	0
CONTIG-079694	302	7	3	57	0
CONTIG-079695	74	4	3	4	0

CONTIG-079696	106	13	8	27	0
CONTIG-079697	80	3	0	4	0
CONTIG-079698	91	6	3	19	0
CONTIG-079699	74	14	10	38	0
CONTIG-079700	79	6	8	0	0
CONTIG-079701	286	91	0	0	427
CONTIG-079702	122	8	2	19	0
CONTIG-079703	70	12	2	27	0
CONTIG-079704	62	6	3	2	0
CONTIG-079706	73	10	0	32	0
CONTIG-079707	72	6	0	10	0
CONTIG-079708	114	4	0	11	0
CONTIG-079709	175	4	10	6	0
CONTIG-079710	137	6	2	20	0
CONTIG-079711	69	4	4	7	0
CONTIG-079712	61	4	6	4	0
CONTIG-079713	67	160	2	619	0
CONTIG-079714	88	10	3	40	0
CONTIG-079715	50	9	2	10	0
CONTIG-079716	96	13	0	25	4
CONTIG-079717	73	4	2	0	0
CONTIG-079718	86	9	10	28	0
CONTIG-079719	99	5	2	17	0
CONTIG-079720	338	15	12	113	0
CONTIG-079721	126	17	4	94	4
CONTIG-079722	122	10	6	13	2
CONTIG-079723	86	7	3	23	0
CONTIG-079724	54	20	11	44	0
CONTIG-079725	59	6	2	6	0
CONTIG-079726	150	4	2	25	0
CONTIG-079727	82	12	20	22	0
CONTIG-079728	290	12	23	100	2
CONTIG-079729	81	7	17	0	0
CONTIG-079730	532	29	3	0	105
CONTIG-079731	86	8	9	4	0
CONTIG-079732	74	3	3	0	0
CONTIG-079733	78	11	0	0	0
CONTIG-079734	168	7	6	5	0
CONTIG-079735	96	4	4	5	0
CONTIG-079736	459	11	9	126	2
CONTIG-079737	64	7	4	0	0
CONTIG-079738	107	11	7	52	0
CONTIG-079739	157	6	5	39	0
CONTIG-079742	343	8	0	0	29
CONTIG-079743	64	6	8	6	0
CONTIG-079744	64	5	7	4	0
CONTIG-079745	77	13	4	35	0

CONTIG-079746	108	11	2	11	0
CONTIG-079747	154	5	8	7	0
CONTIG-079748	225	8	9	81	0
CONTIG-079749	126	4	3	14	0
CONTIG-079750	59	4	0	0	0
CONTIG-079751	80	5	3	12	0
CONTIG-079752	89	4	2	0	0
CONTIG-079753	88	4	2	5	0
CONTIG-079754	75	6	0	15	0
CONTIG-079755	221	8	12	54	2
CONTIG-079756	143	3	0	14	0
CONTIG-079757	176	8	16	35	0
CONTIG-079758	64	11	11	4	0
CONTIG-079759	111	7	2	23	0
CONTIG-079760	94	5	0	6	0
CONTIG-079762	97	7	10	5	0
CONTIG-079763	221	7	0	53	0
CONTIG-079764	89	10	0	38	0
CONTIG-079765	95	3	2	0	0
CONTIG-079766	115	3	8	4	0
CONTIG-079767	84	4	4	2	0
CONTIG-079768	152	15	2	92	2
CONTIG-079769	111	11	2	46	0
CONTIG-079770	83	10	0	0	8
CONTIG-079771	117	10	0	44	0
CONTIG-079772	116	6	5	13	0
CONTIG-079773	325	7	2	33	10
CONTIG-079774	86	4	4	0	0
CONTIG-079775	180	9	10	45	0
CONTIG-079776	351	23	0	0	31
CONTIG-079777	140	4	16	10	0
CONTIG-079778	102	5	2	11	0
CONTIG-079779	100	129	2	281	0
CONTIG-079787	205	8	59	27	0
CONTIG-079788	98	4	2	10	0
CONTIG-079789	98	8	13	2	0
CONTIG-079790	190	9	9	40	0
CONTIG-079791	76	6	0	9	0
CONTIG-079792	99	9	0	16	0
CONTIG-079793	62	5	4	2	0
CONTIG-079794	119	8	2	32	0
CONTIG-079795	80	6	3	14	0
CONTIG-079796	175	7	2	35	0
CONTIG-079797	97	9	17	27	0
CONTIG-079798	128	4	3	8	0
CONTIG-079799	84	2	2	4	0
CONTIG-079800	202	7	0	14	0

CONTIG-079808	97	3	4	4	0
CONTIG-079809	141	16	32	33	0
CONTIG-079810	76	4	6	0	0
CONTIG-079811	99	5	2	19	0
CONTIG-079813	628	8	16	125	0
CONTIG-079814	132	9	4	32	0
CONTIG-079815	60	4	5	7	0
CONTIG-079816	77	7	11	15	0
CONTIG-079817	145	5	7	18	0
CONTIG-079822	63	6	2	10	0
CONTIG-079823	58	4	3	8	0
CONTIG-079824	314	8	8	92	0
CONTIG-079825	277	9	11	110	0
CONTIG-079826	78	6	7	14	0
CONTIG-079827	94	4	3	10	0
CONTIG-079828	133	9	22	26	0
CONTIG-079829	245	8	0	43	0
CONTIG-079830	195	5	2	25	0
CONTIG-079831	109	5	5	28	0
CONTIG-079833	285	7	0	0	8
CONTIG-079834	110	7	5	24	0
CONTIG-079835	72	8	5	11	0
CONTIG-079836	58	8	12	6	0
CONTIG-079838	109	5	4	17	0
CONTIG-079839	77	5	6	15	0
CONTIG-079840	112	8	10	19	2
CONTIG-079841	126	12	6	62	0
CONTIG-079842	75	11	0	4	0
CONTIG-079844	214	4	2	15	0
CONTIG-079845	75	9	11	16	0
CONTIG-079846	251	5	14	36	0
CONTIG-079847	206	105	17	14	0
CONTIG-079848	144	15	15	16	0
CONTIG-079850	94	11	11	34	0
CONTIG-079851	86	6	4	6	0
CONTIG-079852	72	14	8	0	0
CONTIG-079853	140	6	4	23	0
CONTIG-079854	79	10	6	16	0
CONTIG-079855	144	4	3	6	0
CONTIG-079857	81	5	5	17	0
CONTIG-079858	87	3	2	6	0
CONTIG-079859	579	13	14	413	0
CONTIG-079860	65	5	9	8	0
CONTIG-079861	120	4	6	6	0
CONTIG-079862	114	9	2	39	0
CONTIG-079863	87	21	12	29	7
CONTIG-079864	327	51	0	0	145

CONTIG-079865	108	4	2	5	0
CONTIG-079866	84	4	2	9	0
CONTIG-079867	142	33	11	190	0
CONTIG-079868	106	6	4	24	0
CONTIG-079869	154	6	0	15	0
CONTIG-079870	85	4	7	11	0
CONTIG-079871	260	10	9	52	4
CONTIG-079872	201	8	10	30	0
CONTIG-079873	85	10	2	13	0
CONTIG-079874	116	9	35	13	0
CONTIG-079875	80	5	5	4	0
CONTIG-079876	202	5	2	20	2
CONTIG-079877	732	14	4	477	2
CONTIG-079878	70	5	0	2	0
CONTIG-079879	157	6	5	33	0
CONTIG-079880	89	5	10	14	0
CONTIG-079881	86	6	2	17	0
CONTIG-079882	118	7	0	25	0
CONTIG-079886	103	6	4	17	0
CONTIG-079887	87	11	6	47	0
CONTIG-079888	84	24	43	46	0
CONTIG-079889	75	22	9	63	0
CONTIG-079890	63	3	0	8	0
CONTIG-079891	84	4	3	2	0
CONTIG-079892	64	5	0	13	0
CONTIG-079893	72	9	0	26	0
CONTIG-079894	120	8	12	30	0
CONTIG-079896	191	5	9	33	0
CONTIG-079897	308	10	5	36	0
CONTIG-079899	219	11	5	59	0
CONTIG-079900	105	4	2	12	0
CONTIG-079901	126	5	0	20	0
CONTIG-079902	103	6	2	14	0
CONTIG-079903	59	5	5	3	0
CONTIG-079904	71	10	0	18	0
CONTIG-079905	52	5	0	4	0
CONTIG-079906	75	9	24	23	0
CONTIG-079907	321	8	11	65	0
CONTIG-079908	80	6	14	9	0
CONTIG-079909	75	5	0	10	0
CONTIG-079911	116	5	0	24	0
CONTIG-079912	74	4	3	9	0
CONTIG-079914	81	3	2	0	0
CONTIG-079915	264	13	10	129	0
CONTIG-079916	76	9	3	2	0
CONTIG-079917	208	16	14	178	0
CONTIG-079918	128	4	0	16	0

CONTIG-079919	112	18	4	89	0
CONTIG-079920	59	7	10	7	0
CONTIG-079923	111	6	0	25	0
CONTIG-079924	65	8	3	4	0
CONTIG-079925	62	3	2	7	0
CONTIG-079926	83	8	2	13	0
CONTIG-079927	63	7	0	9	0
CONTIG-079928	84	8	4	21	2
CONTIG-079930	53	8	3	4	0
CONTIG-079931	131	9	3	9	0
CONTIG-079932	72	2	2	2	0
CONTIG-079933	65	4	4	4	0
CONTIG-079934	62	7	3	4	0
CONTIG-079935	83	3	2	0	0
CONTIG-079936	168	10	4	55	2
CONTIG-079937	124	9	4	14	0
CONTIG-079938	339	7	2	46	0
CONTIG-079939	201	26	6	58	0
CONTIG-079940	115	7	8	15	0
CONTIG-079942	77	4	0	2	2
CONTIG-079943	70	5	0	9	0
CONTIG-079944	62	2	0	0	0
CONTIG-079945	385	10	5	97	2
CONTIG-079946	143	7	5	33	0
CONTIG-079947	112	4	0	12	0
CONTIG-079948	105	7	2	16	0
CONTIG-079949	78	3	4	0	0
CONTIG-079950	324	22	19	282	4
CONTIG-079951	81	6	5	12	0
CONTIG-079952	202	8	4	32	0
CONTIG-079953	166	7	5	8	0
CONTIG-079954	99	5	10	6	0
CONTIG-079955	172	18	11	73	0
CONTIG-079956	62	12	0	18	0
CONTIG-079957	71	4	0	2	0
CONTIG-079958	92	12	2	35	0
CONTIG-079959	90	18	0	74	0
CONTIG-079960	749	18	33	415	5
CONTIG-079961	211	4	10	19	0
CONTIG-079962	253	14	18	93	0
CONTIG-079963	77	5	0	14	0
CONTIG-079964	152	11	3	47	0
CONTIG-079965	160	3	3	14	0
CONTIG-079966	301	8	2	82	0
CONTIG-079969	83	4	4	7	0
CONTIG-079970	254	24	26	272	9
CONTIG-079971	337	7	3	0	0

CONTIG-079972	82	10	8	32	0
CONTIG-079973	64	8	12	13	0
CONTIG-079974	132	17	17	47	0
CONTIG-079975	73	8	3	18	0
CONTIG-079976	98	4	2	9	0
CONTIG-079977	238	15	13	122	0
CONTIG-079978	93	17	7	30	0
CONTIG-079979	103	8	0	34	0
CONTIG-079980	106	4	0	13	0
CONTIG-079982	92	10	15	12	0
CONTIG-079983	81	8	6	18	0
CONTIG-079984	285	15	13	106	7
CONTIG-079985	91	3	3	4	0
CONTIG-079988	67	7	2	0	0
CONTIG-079989	109	3	0	5	0
CONTIG-079991	148	9	0	39	0
CONTIG-079992	68	13	3	39	0
CONTIG-079993	100	8	2	21	0
CONTIG-079994	66	3	5	5	0
CONTIG-079995	153	5	8	18	2
CONTIG-079996	1105	23	4	0	183
CONTIG-079997	87	3	0	4	0
CONTIG-079999	91	4	11	7	0
CONTIG-080000	126	15	5	74	0
CONTIG-080001	68	8	5	4	0
CONTIG-080002	229	10	4	64	0
CONTIG-080003	72	11	2	33	0
CONTIG-080004	94	4	7	12	0
CONTIG-080005	76	5	2	13	0
CONTIG-080006	76	16	2	47	0
CONTIG-080007	73	7	5	6	0
CONTIG-080008	107	6	11	4	0
CONTIG-080009	135	7	2	27	0
CONTIG-080012	63	4	14	4	0
CONTIG-080013	90	3	2	0	0
CONTIG-080014	42	6	4	0	0
CONTIG-080015	154	8	0	54	0
CONTIG-080016	115	13	13	14	0
CONTIG-080017	156	6	12	24	2
CONTIG-080018	80	7	2	8	0
CONTIG-080019	106	4	4	12	0
CONTIG-080020	85	12	23	13	0
CONTIG-080021	75	8	4	12	0
CONTIG-080022	44	2178	9	2	1952
CONTIG-080023	76	7	23	2	0
CONTIG-080024	127	4	4	8	0
CONTIG-080025	314	8	14	22	0

CONTIG-080026	96	14	2	27	0
CONTIG-080027	85	10	5	11	0
CONTIG-080030	73	6	4	10	0
CONTIG-080031	72	5	4	13	0
CONTIG-080032	91	10	2	32	0
CONTIG-080033	75	5	9	0	0
CONTIG-080034	70	300	10	1125	9
CONTIG-080036	65	4	0	10	0
CONTIG-080037	132	22	6	162	0
CONTIG-080038	193	6	9	49	0
CONTIG-080039	142	8	36	6	0
CONTIG-080041	107	12	0	35	0
CONTIG-080043	273	5	11	33	0
CONTIG-080044	221	7	11	41	0
CONTIG-080045	287	4	14	29	0
CONTIG-080046	68	4	0	0	0
CONTIG-080047	261	3	6	0	0
CONTIG-080048	105	10	24	12	0
CONTIG-080049	80	4	3	6	0
CONTIG-080050	89	9	15	19	2
CONTIG-080051	179	12	15	66	2
CONTIG-080052	92	9	2	23	0
CONTIG-080053	110	7	2	28	0
CONTIG-080054	344	34	3	0	27
CONTIG-080055	127	281	4	0	38
CONTIG-080056	313	10	3	0	7
CONTIG-080057	286	285	3	6	2038
CONTIG-080058	201	7	3	49	0
CONTIG-080061	94	5	0	15	0
CONTIG-080062	72	4	3	9	0
CONTIG-080063	135	18	0	0	0
CONTIG-080064	70	4	2	5	0
CONTIG-080065	259	8	5	43	0
CONTIG-080066	129	11	6	30	2
CONTIG-080067	102	14	25	31	0
CONTIG-080068	77	9	7	10	0
CONTIG-080069	113	6	2	17	0
CONTIG-080070	70	5	4	5	0
CONTIG-080071	78	5	0	3	0
CONTIG-080072	59	5	5	7	0
CONTIG-080073	72	34	8	70	2
CONTIG-080074	59	4	0	7	0
CONTIG-080075	192	10	4	64	0
CONTIG-080077	59	3	2	2	0
CONTIG-080078	59	7	6	5	0
CONTIG-080079	187	10	7	70	0
CONTIG-080080	289	9	4	99	0

CONTIG-080081	75	3	2	5	0
CONTIG-080082	379	12	8	158	2
CONTIG-080083	235	7	9	41	0
CONTIG-080084	147	7	6	36	0
CONTIG-080086	67	4	5	7	0
CONTIG-080087	70	4	0	0	2
CONTIG-080088	167	5	0	25	0
CONTIG-080089	448	7	0	0	5
CONTIG-080090	169	9	15	36	0
CONTIG-080091	93	9	14	20	0
CONTIG-080092	59	7	6	6	0
CONTIG-080093	639	27	15	703	23
CONTIG-080094	86	8	8	23	0
CONTIG-080095	88	5	0	2	0
CONTIG-080097	166	12	2	72	2
CONTIG-080098	209	10	10	81	2
CONTIG-080099	339	9	4	95	6
CONTIG-080100	90	26	3	67	0
CONTIG-080101	106	6	23	5	0
CONTIG-080102	99	10	14	39	0
CONTIG-080103	90	6	0	5	0
CONTIG-080104	315	8	12	74	0
CONTIG-080105	67	5	4	6	0
CONTIG-080106	92	8	0	26	0
CONTIG-080107	60	9	4	0	0
CONTIG-080108	151	9	2	34	0
CONTIG-080109	125	6	0	18	0
CONTIG-080110	73	5	9	6	0
CONTIG-080111	156	11	17	21	2
CONTIG-080112	153	10	3	25	0
CONTIG-080113	75	16	19	0	0
CONTIG-080114	96	5	6	17	0
CONTIG-080117	127	7	7	25	0
CONTIG-080118	147	7	2	35	0
CONTIG-080119	65	6	2	10	0
CONTIG-080120	123	6	5	14	0
CONTIG-080121	511	9	7	40	0
CONTIG-080122	390	9	24	76	4
CONTIG-080123	67	10	2	27	0
CONTIG-080124	77	2	0	0	0
CONTIG-080125	73	3	5	7	0
CONTIG-080126	80	7	7	13	0
CONTIG-080127	92	12	2	5	0
CONTIG-080131	207	6	5	35	0
CONTIG-080132	133	7	3	25	0
CONTIG-080133	141	10	12	29	0
CONTIG-080134	162	5	0	27	0

CONTIG-080135	336	9	0	98	2
CONTIG-080136	132	8	10	23	0
CONTIG-080137	171	7	5	18	0
CONTIG-080138	166	6	2	31	0
CONTIG-080139	80	17	0	33	0
CONTIG-080140	127	7	8	24	0
CONTIG-080141	316	9	14	31	0
CONTIG-080142	129	7	13	25	0
CONTIG-080143	85	4	9	3	0
CONTIG-080144	112	4	0	15	0
CONTIG-080145	107	25	4	66	0
CONTIG-080146	101	3	5	8	0
CONTIG-080147	64	2	7	2	0
CONTIG-080148	216	8	5	11	0
CONTIG-080149	157	9	0	44	0
CONTIG-080150	139	6	15	28	0
CONTIG-080151	353	4	5	28	0
CONTIG-080152	152	9	2	13	0
CONTIG-080153	104	5	3	15	0
CONTIG-080154	141	5	19	8	0
CONTIG-080155	145	13	3	88	2
CONTIG-080156	190	38	16	422	0
CONTIG-080157	236	10	8	65	0
CONTIG-080158	154	10	2	49	0
CONTIG-080159	68	15	17	37	0
CONTIG-080160	105	4	3	2	0
CONTIG-080161	59	4	3	2	0
CONTIG-080162	313	7	3	74	0
CONTIG-080163	71	5	2	7	0
CONTIG-080164	127	5	0	6	0
CONTIG-080165	202	9	4	23	0
CONTIG-080166	108	3	2	7	0
CONTIG-080167	156	3	8	13	0
CONTIG-080168	164	7	7	31	0
CONTIG-080169	148	11	2	9	0
CONTIG-080170	107	11	0	0	0
CONTIG-080173	129	10	0	58	2
CONTIG-080174	234	13	9	97	0
CONTIG-080175	305	9	2	115	0
CONTIG-080176	65	6	3	2	0
CONTIG-080178	118	9	4	23	0
CONTIG-080179	98	9	8	8	0
CONTIG-080180	318	7	6	109	0
CONTIG-080181	64	4	5	9	0
CONTIG-080182	96	7	4	11	0
CONTIG-080184	81	6	9	4	0
CONTIG-080186	78	7	8	14	0

CONTIG-080187	41	10	5	0	0
CONTIG-080188	84	4	4	5	0
CONTIG-080189	244	4	6	26	0
CONTIG-080190	60	2	2	4	0
CONTIG-080192	62	9	0	28	0
CONTIG-080193	86	25	26	41	0
CONTIG-080194	222	6	2	2	0
CONTIG-080195	135	6	0	23	0
CONTIG-080196	113	7	11	22	0
CONTIG-080197	116	4	2	10	0
CONTIG-080198	111	5	4	9	0
CONTIG-080199	102	6	0	24	2
CONTIG-080201	113	6	15	4	0
CONTIG-080202	338	11	10	165	0
CONTIG-080204	153	7	22	16	0
CONTIG-080205	60	5	8	4	0
CONTIG-080206	174	8	4	54	0
CONTIG-080207	259	8	8	71	0
CONTIG-080208	66	3	9	0	0
CONTIG-080209	42	6	0	7	0
CONTIG-080210	176	65	2	583	0
CONTIG-080212	73	5	2	10	0
CONTIG-080213	62	4	0	4	0
CONTIG-080214	82	2	0	10	0
CONTIG-080215	215	6	9	30	2
CONTIG-080216	125	10	10	47	2
CONTIG-080217	164	5	0	28	0
CONTIG-080218	134	7	0	30	0
CONTIG-080219	132	2	6	5	0
CONTIG-080220	133	6	7	17	0
CONTIG-080221	62	3	3	0	0
CONTIG-080222	279	13	12	81	7
CONTIG-080223	209	8	4	13	0
CONTIG-080228	612	16	27	237	4
CONTIG-080229	66	4	2	4	0
CONTIG-080230	170	7	7	0	0
CONTIG-080231	78	7	20	11	0
CONTIG-080232	98	7	2	23	0
CONTIG-080233	53	180	4	113	14
CONTIG-080234	141	7	9	24	0
CONTIG-080235	151	148	0	1259	0
CONTIG-080236	233	16	11	149	0
CONTIG-080237	126	5	5	12	0
CONTIG-080238	110	15	0	94	0
CONTIG-080239	79	6	0	20	0
CONTIG-080240	68	15	4	27	0
CONTIG-080241	59	7	5	4	0

CONTIG-080244	64	3	3	9	0
CONTIG-080245	93	8	3	27	0
CONTIG-080246	101	5	6	3	2
CONTIG-080247	72	4	0	4	0
CONTIG-080248	87	5	6	16	0
CONTIG-080249	80	4	18	0	0
CONTIG-080250	94	17	6	55	0
CONTIG-080251	92	6	4	17	0
CONTIG-080252	71	6	3	10	0
CONTIG-080253	173	11	8	41	4
CONTIG-080254	93	11	10	34	0
CONTIG-080255	114	4	7	12	0
CONTIG-080256	139	6	2	19	0
CONTIG-080257	586	19	2	436	0
CONTIG-080258	95	12	0	48	0
CONTIG-080260	135	7	0	21	2
CONTIG-080261	122	11	7	40	0
CONTIG-080262	88	5	7	13	0
CONTIG-080263	195	3	2	4	2
CONTIG-080264	97	8	2	14	0
CONTIG-080265	149	7	0	37	0
CONTIG-080266	104	6	2	14	0
CONTIG-080267	83	26	5	81	2
CONTIG-080268	429	49	15	1090	4
CONTIG-080269	110	6	14	22	0
CONTIG-080270	84	3	2	6	0
CONTIG-080271	416	7	17	53	0
CONTIG-080272	63	6	0	13	0
CONTIG-080273	285	10	2	80	4
CONTIG-080274	170	14	9	84	0
CONTIG-080275	113	4	4	4	0
CONTIG-080276	78	5	3	4	0
CONTIG-080277	297	130	0	0	525
CONTIG-080278	92	3	0	7	0
CONTIG-080279	398	12	5	202	0
CONTIG-080280	37	12	5	12	0
CONTIG-080281	140	6	3	21	0
CONTIG-080282	95	5	7	8	0
CONTIG-080284	125	8	5	0	0
CONTIG-080285	204	5	14	17	0
CONTIG-080286	223	146	0	0	761
CONTIG-080287	88	5	5	2	0
CONTIG-080291	98	9	4	28	0
CONTIG-080292	116	4	2	19	0
CONTIG-080293	71	9	17	12	0
CONTIG-080294	149	9	13	37	0
CONTIG-080295	93	6	2	15	0

CONTIG-080296	95	6	3	2	0
CONTIG-080297	108	9	6	36	0
CONTIG-080298	99	15	19	43	0
CONTIG-080299	82	9	11	16	0
CONTIG-080300	147	7	11	18	0
CONTIG-080303	199	6	2	18	8
CONTIG-080304	382	15	0	0	31
CONTIG-080305	98	7	9	23	0
CONTIG-080306	78	4	0	8	0
CONTIG-080307	81	5	4	6	0
CONTIG-080308	62	4	2	6	0
CONTIG-080309	425	14	10	127	0
CONTIG-080310	105	7	3	12	0
CONTIG-080311	100	12	2	46	0
CONTIG-080312	81	39	12	25	0
CONTIG-080314	63	5	10	3	0
CONTIG-080315	67	6	7	13	0
CONTIG-080317	248	10	15	70	2
CONTIG-080318	75	14	4	45	0
CONTIG-080319	70	4	0	9	0
CONTIG-080321	249	25	11	137	0
CONTIG-080322	166	9	9	51	0
CONTIG-080323	59	5	4	10	0
CONTIG-080324	93	7	7	16	0
CONTIG-080325	103	7	7	13	0
CONTIG-080326	61	3	4	2	0
CONTIG-080327	99	9	7	18	0
CONTIG-080328	270	14	3	101	4
CONTIG-080329	125	7	5	4	0
CONTIG-080330	98	17	3	60	0
CONTIG-080331	679	78	2	0	569
CONTIG-080332	190	9	0	57	0
CONTIG-080333	58	7	2	15	0
CONTIG-080334	152	5	0	21	0
CONTIG-080335	62	13	4	9	0
CONTIG-080336	248	14	2	146	0
CONTIG-080338	59	10	2	30	0
CONTIG-080339	134	6	2	21	0
CONTIG-080340	118	4	2	12	0
CONTIG-080343	67	6	2	7	0
CONTIG-080344	108	4	0	2	0
CONTIG-080345	204	8	2	11	4
CONTIG-080346	119	8	14	19	0
CONTIG-080347	743	54	0	0	393
CONTIG-080348	152	4	5	9	0
CONTIG-080349	148	6	0	24	2
CONTIG-080350	217	10	14	41	0

CONTIG-080357	68	4	5	9	0
CONTIG-080358	362	7	6	38	0
CONTIG-080359	144	9	14	6	0
CONTIG-080360	156	3	11	0	0
CONTIG-080361	218	5	4	19	0
CONTIG-080362	90	5	3	12	0
CONTIG-080364	101	3	8	2	0
CONTIG-080365	145	7	5	13	0
CONTIG-080366	192	8	2	0	0
CONTIG-080367	157	8	6	0	0
CONTIG-080369	513	9	15	137	0
CONTIG-080370	626	20	16	429	6
CONTIG-080371	94	5	3	0	0
CONTIG-080372	87	5	0	5	0
CONTIG-080377	59	2	5	0	0
CONTIG-080378	172	6	3	23	0
CONTIG-080383	94	10	10	27	0
CONTIG-080384	146	4	0	0	0
CONTIG-080385	69	5	4	0	0
CONTIG-080386	72	5	0	18	0
CONTIG-080387	136	3	5	11	0
CONTIG-080388	69	5	0	0	0
CONTIG-080390	75	6	0	11	0
CONTIG-080392	133	5	14	22	0
CONTIG-080393	90	5	4	13	0
CONTIG-080394	213	5	4	0	0
CONTIG-080395	73	5	4	8	0
CONTIG-080396	63	5	5	3	0
CONTIG-080398	68	3	6	4	0
CONTIG-080399	109	3	2	6	0
CONTIG-080400	660	58	5	0	58
CONTIG-080401	61	3	9	4	0
CONTIG-080402	115	10	8	48	0
CONTIG-080403	75	4	0	8	0
CONTIG-080405	80	10	5	19	0
CONTIG-080406	96	6	9	8	0
CONTIG-080407	101	3	4	5	0
CONTIG-080408	163	6	2	26	0
CONTIG-080409	93	5	2	21	0
CONTIG-080410	333	12	6	167	0
CONTIG-080411	156	5	3	25	0
CONTIG-080412	70	3	2	2	0
CONTIG-080413	141	4	3	15	0
CONTIG-080415	226	11	17	94	2
CONTIG-080416	102	8	11	30	0
CONTIG-080418	278	11	3	88	0
CONTIG-080419	161	17	9	97	0

CONTIG-080420	114	7	5	22	0
CONTIG-080421	351	21	13	0	95
CONTIG-080422	108	9	9	40	0
CONTIG-080423	150	12	2	64	0
CONTIG-080424	89	5	2	18	0
CONTIG-080427	82	5	4	4	0
CONTIG-080428	113	5	0	11	0
CONTIG-080429	134	5	9	8	2
CONTIG-080430	158	10	2	43	0
CONTIG-080431	85	6	0	6	0
CONTIG-080432	156	6	12	24	0
CONTIG-080433	69	2	2	5	0
CONTIG-080434	66	2	2	4	0
CONTIG-080435	171	8	3	2	0
CONTIG-080436	207	4	2	16	0
CONTIG-080437	373	12	9	0	0
CONTIG-080438	175	9	4	43	0
CONTIG-080439	65	3	6	4	0
CONTIG-080440	220	10	5	67	0
CONTIG-080441	158	3	0	7	0
CONTIG-080442	216	38	9	444	0
CONTIG-080443	359	15	11	203	0
CONTIG-080444	65	6	9	11	0
CONTIG-080445	131	9	3	31	0
CONTIG-080446	679	20	8	103	0
CONTIG-080447	189	8	4	29	0
CONTIG-080448	76	3	2	2	0
CONTIG-080449	239	8	13	56	0
CONTIG-080452	140	9	6	42	0
CONTIG-080453	284	8	6	27	4
CONTIG-080454	82	18	6	26	0
CONTIG-080455	90	7	0	22	0
CONTIG-080456	90	3	0	9	0
CONTIG-080457	75	2	0	4	0
CONTIG-080458	60	6	11	0	0
CONTIG-080461	167	7	11	19	0
CONTIG-080462	183	9	12	22	0
CONTIG-080463	92	131	2	0	100
CONTIG-080464	98	3	0	6	0
CONTIG-080465	132	6	15	32	0
CONTIG-080467	94	5	11	16	0
CONTIG-080468	89	2	0	2	0
CONTIG-080469	132	3	2	13	0
CONTIG-080470	136	9	15	41	0
CONTIG-080471	191	7	9	49	0
CONTIG-080472	205	24	2	148	0
CONTIG-080473	183	6	2	18	0

CONTIG-080474	105	7	5	18	0
CONTIG-080475	250	8	6	30	0
CONTIG-080476	91	8	0	24	0
CONTIG-080477	76	3	2	6	0
CONTIG-080479	85	8	4	17	0
CONTIG-080480	115	12	3	27	0
CONTIG-080481	100	9	0	13	4
CONTIG-080482	68	25	9	0	0
CONTIG-080483	69	4	2	12	0
CONTIG-080484	61	5	2	2	0
CONTIG-080485	78	6	0	14	0
CONTIG-080486	65	2	2	5	0
CONTIG-080487	165	6	0	0	0
CONTIG-080488	102	6	23	3	0
CONTIG-080489	162	10	4	52	0
CONTIG-080490	53	30	0	0	0
CONTIG-080491	88	6	7	5	0
CONTIG-080492	93	8	14	13	0
CONTIG-080493	117	5	6	14	0
CONTIG-080494	161	5	2	12	2
CONTIG-080495	85	8	0	28	0
CONTIG-080496	72	5	11	7	0
CONTIG-080497	109	8	8	19	0
CONTIG-080498	143	3	4	8	0
CONTIG-080499	170	6	6	13	0
CONTIG-080500	196	6	3	30	9
CONTIG-080501	100	7	3	30	0
CONTIG-080503	95	4	0	9	0
CONTIG-080504	141	8	9	34	0
CONTIG-080505	79	6	0	17	0
CONTIG-080506	633	11	6	347	0
CONTIG-080507	74	3	0	0	0
CONTIG-080510	243	8	13	53	0
CONTIG-080512	99	4	8	11	0
CONTIG-080513	87	8	2	16	0
CONTIG-080515	68	5	0	0	0
CONTIG-080521	65	8	7	9	0
CONTIG-080522	66	4	0	7	0
CONTIG-080523	659	9	11	316	2
CONTIG-080524	213	19	6	107	6
CONTIG-080525	77	8	9	19	0
CONTIG-080526	76	4	0	0	0
CONTIG-080527	63	7	4	24	0
CONTIG-080528	92	4	5	10	2
CONTIG-080529	276	13	20	120	0
CONTIG-080531	71	4	6	4	0
CONTIG-080532	134	8	2	21	0

CONTIG-080533	132	8	8	27	0
CONTIG-080534	83	8	4	23	0
CONTIG-080536	109	19	0	0	26
CONTIG-080537	128	4	4	6	0
CONTIG-080538	170	7	0	20	2
CONTIG-080540	113	8	13	25	0
CONTIG-080542	172	9	2	59	0
CONTIG-080543	56	4	8	5	0
CONTIG-080548	188	39	4	0	0
CONTIG-080549	98	12	10	19	2
CONTIG-080550	119	10	3	47	0
CONTIG-080551	231	8	3	64	0
CONTIG-080552	78	4	13	0	0
CONTIG-080553	162	7	5	27	0
CONTIG-080554	420	29	3	0	80
CONTIG-080555	37	22	0	23	0
CONTIG-080556	174	12	0	77	0
CONTIG-080557	105	5	2	13	0
CONTIG-080558	60	4	3	3	0
CONTIG-080559	73	3	0	0	0
CONTIG-080560	308	5	14	52	0
CONTIG-080561	461	20	11	418	0
CONTIG-080562	114	13	10	41	0
CONTIG-080563	83	4	5	9	0
CONTIG-080564	42	98	4	87	0
CONTIG-080565	124	10	10	20	0
CONTIG-080566	64	3	3	0	0
CONTIG-080567	68	5	2	0	0
CONTIG-080568	206	8	6	72	0
CONTIG-080569	175	8	3	41	2
CONTIG-080570	67	3	0	5	0
CONTIG-080572	173	14	11	100	0
CONTIG-080573	84	4	0	10	0
CONTIG-080574	136	5	10	23	0
CONTIG-080575	243	8	13	46	0
CONTIG-080579	105	11	6	41	0
CONTIG-080580	135	5	5	20	0
CONTIG-080581	158	7	6	27	0
CONTIG-080582	151	5	3	13	0
CONTIG-080583	170	5	6	25	0
CONTIG-080584	108	5	0	27	0
CONTIG-080585	93	4	3	6	0
CONTIG-080586	87	4	2	10	0
CONTIG-080587	59	2	3	0	0
CONTIG-080588	66	3	0	4	0
CONTIG-080589	95	12	23	26	0
CONTIG-080590	170	8	4	23	0

CONTIG-080591	81	2	0	4	2
CONTIG-080592	425	20	17	344	0
CONTIG-080593	114	7	0	22	0
CONTIG-080594	177	10	14	57	0
CONTIG-080595	81	5	0	11	0
CONTIG-080596	181	8	5	33	0
CONTIG-080598	150	4	11	16	0
CONTIG-080599	90	4	8	8	0
CONTIG-080600	70	8	0	12	0
CONTIG-080601	215	18	4	234	0
CONTIG-080602	96	11	20	15	0
CONTIG-080604	101	15	10	43	0
CONTIG-080605	561	9	11	101	0
CONTIG-080606	59	3	2	2	0
CONTIG-080607	205	12	10	49	0
CONTIG-080608	206	7	5	21	0
CONTIG-080609	160	13	0	75	0
CONTIG-080610	190	14	0	74	0
CONTIG-080611	68	4	2	2	0
CONTIG-080612	51	26	2	33	0
CONTIG-080613	90	7	0	6	2
CONTIG-080614	59	5	2	2	0
CONTIG-080615	129	7	0	22	0
CONTIG-080616	84	11	4	10	0
CONTIG-080617	72	3	0	0	0
CONTIG-080618	123	5	4	14	0
CONTIG-080619	181	6	0	31	0
CONTIG-080620	132	7	6	10	0
CONTIG-080621	192	9	10	28	0
CONTIG-080622	175	6	10	41	0
CONTIG-080623	392	12	4	0	2
CONTIG-080624	71	3	2	0	0
CONTIG-080625	77	6	9	6	0
CONTIG-080626	207	5	27	29	0
CONTIG-080628	309	23	0	12	0
CONTIG-080629	91	10	6	29	0
CONTIG-080630	154	6	3	28	0
CONTIG-080634	124	7	3	40	0
CONTIG-080635	110	4	2	9	0
CONTIG-080636	67	2	2	2	0
CONTIG-080637	65	5	0	8	0
CONTIG-080638	190	7	4	13	0
CONTIG-080639	107	15	0	30	0
CONTIG-080640	121	5	2	16	0
CONTIG-080641	112	12	8	44	0
CONTIG-080649	73	10	2	32	0
CONTIG-080650	82	3	3	2	0

CONTIG-080651	66	9	0	2	0
CONTIG-080652	68	8	18	11	0
CONTIG-080654	115	7	2	18	0
CONTIG-080655	246	9	9	103	0
CONTIG-080656	250	20	9	79	0
CONTIG-080657	63	4	3	6	0
CONTIG-080658	101	4	0	14	0
CONTIG-080659	58	5	4	0	0
CONTIG-080660	87	6	3	3	0
CONTIG-080661	283	6	3	0	2
CONTIG-080662	86	4	7	6	0
CONTIG-080663	103	8	2	15	0
CONTIG-080664	132	7	2	24	0
CONTIG-080666	80	6	3	9	2
CONTIG-080667	69	4	4	10	0
CONTIG-080668	74	7	0	8	0
CONTIG-080669	225	7	5	55	0
CONTIG-080670	296	37	3	2	0
CONTIG-080671	63	10	4	33	0
CONTIG-080672	76	5	5	0	0
CONTIG-080673	136	6	5	25	0
CONTIG-080674	58	5	0	4	0
CONTIG-080675	113	6	7	10	0
CONTIG-080676	140	13	11	86	2
CONTIG-080677	36	54	5	2	0
CONTIG-080678	64	3	3	4	0
CONTIG-080679	209	7	8	48	0
CONTIG-080680	82	6	4	15	0
CONTIG-080681	403	62	0	0	233
CONTIG-080682	83	4	3	7	0
CONTIG-080683	73	5	3	9	0
CONTIG-080684	143	7	10	14	2
CONTIG-080685	234	12	2	103	4
CONTIG-080686	123	6	2	0	0
CONTIG-080687	153	6	9	25	0
CONTIG-080688	487	14	2	252	8
CONTIG-080689	88	10	4	23	0
CONTIG-080692	468	10	6	231	0
CONTIG-080693	167	13	6	27	2
CONTIG-080694	88	9	8	24	0
CONTIG-080695	129	3	0	0	0
CONTIG-080696	94	10	0	0	0
CONTIG-080697	113	7	11	18	0
CONTIG-080698	66	3	0	2	0
CONTIG-080699	239	7	7	36	0
CONTIG-080700	64	6	0	9	0
CONTIG-080701	62	4	5	8	0

CONTIG-080702	270	17	24	92	2
CONTIG-080703	65	8	4	0	0
CONTIG-080704	77	9	2	6	0
CONTIG-080707	180	11	3	0	4
CONTIG-080708	93	4	6	5	0
CONTIG-080709	146	7	9	19	0
CONTIG-080710	170	5	0	29	2
CONTIG-080711	79	8	7	35	0
CONTIG-080712	203	4	0	20	0
CONTIG-080713	188	6	0	34	0
CONTIG-080714	103	5	0	0	4
CONTIG-080715	137	7	0	21	0
CONTIG-080716	174	6	2	28	0
CONTIG-080717	71	5	3	12	0
CONTIG-080718	82	4	0	13	0
CONTIG-080719	70	14	2	13	0
CONTIG-080720	76	5	0	13	0
CONTIG-080721	60	3	4	0	0
CONTIG-080722	64	4	0	6	0
CONTIG-080723	595	16	7	10	0
CONTIG-080724	254	10	4	71	0
CONTIG-080725	115	6	2	4	0
CONTIG-080726	80	42	3	185	0
CONTIG-080727	76	3	0	10	0
CONTIG-080728	78	7	13	12	0
CONTIG-080729	103	58	0	258	0
CONTIG-080730	78	5	7	5	0
CONTIG-080731	66	5	2	14	0
CONTIG-080732	95	4	0	14	0
CONTIG-080734	352	17	10	174	2
CONTIG-080735	203	10	12	29	0
CONTIG-080736	75	40	10	97	0
CONTIG-080737	89	4	0	6	0
CONTIG-080738	74	4	3	2	0
CONTIG-080739	81	4	12	0	0
CONTIG-080740	93	6	5	6	0
CONTIG-080741	72	5	2	6	0
CONTIG-080742	104	9	11	21	0
CONTIG-080743	180	7	4	39	0
CONTIG-080744	131	11	20	38	0
CONTIG-080745	64	6	0	12	0
CONTIG-080746	79	3	0	0	0
CONTIG-080747	129	4	0	3	0
CONTIG-080748	59	2	5	0	0
CONTIG-080749	72	5	2	9	0
CONTIG-080750	62	7	2	16	0
CONTIG-080751	92	5	4	4	0

CONTIG-080752	304	12	18	188	0
CONTIG-080753	77	8	13	21	0
CONTIG-080754	66	5	7	5	3
CONTIG-080755	92	6	7	17	0
CONTIG-080756	144	14	9	59	0
CONTIG-080757	192	18	19	136	0
CONTIG-080758	190	4	3	17	0
CONTIG-080759	220	20	14	175	0
CONTIG-080760	176	14	2	86	5
CONTIG-080764	152	15	10	75	0
CONTIG-080765	149	18	14	133	0
CONTIG-080766	68	2	3	0	0
CONTIG-080767	289	17	13	149	0
CONTIG-080768	61	2	2	0	0
CONTIG-080769	190	6	2	35	0
CONTIG-080770	79	6	6	8	0
CONTIG-080771	433	7	7	78	0
CONTIG-080772	200	7	14	35	0
CONTIG-080773	367	10	11	63	2
CONTIG-080775	94	8	2	26	0
CONTIG-080776	121	7	9	16	0
CONTIG-080777	261	15	2	0	2
CONTIG-080778	139	4	2	2	0
CONTIG-080780	58	5	4	13	0
CONTIG-080781	63	6	2	0	0
CONTIG-080782	62	7	0	21	0
CONTIG-080784	195	9	6	56	0
CONTIG-080785	111	11	5	26	0
CONTIG-080786	70	8	11	12	0
CONTIG-080789	258	8	3	65	2
CONTIG-080790	97	4	0	0	0
CONTIG-080791	264	6	5	40	0
CONTIG-080792	466	18	2	84	0
CONTIG-080793	214	10	5	0	14
CONTIG-080794	369	7	12	58	2
CONTIG-080795	181	10	10	51	0
CONTIG-080796	103	3	2	12	0
CONTIG-080797	65	5	9	5	0
CONTIG-080798	61	29	10	60	0
CONTIG-080800	139	14	14	63	0
CONTIG-080801	656	13	3	0	48
CONTIG-080803	173	9	3	39	4
CONTIG-080806	63	45	16	91	0
CONTIG-080807	155	5	0	12	0
CONTIG-080808	700	12	2	0	67
CONTIG-080809	89	8	0	32	0
CONTIG-080810	129	4	0	14	0

CONTIG-080811	232	7	6	54	0
CONTIG-080812	90	4	3	9	2
CONTIG-080813	90	3	0	0	0
CONTIG-080814	669	8	4	0	14
CONTIG-080815	220	9	4	92	0
CONTIG-080816	104	5	5	8	0
CONTIG-080817	254	10	5	105	0
CONTIG-080818	128	7	8	22	0
CONTIG-080819	511	9	9	140	3
CONTIG-080820	131	7	6	29	0
CONTIG-080821	177	5	9	12	0
CONTIG-080822	97	5	6	15	0
CONTIG-080823	398	12	15	139	2
CONTIG-080824	174	10	0	48	0
CONTIG-080827	140	6	9	23	0
CONTIG-080828	95	5	0	15	2
CONTIG-080829	153	6	0	15	0
CONTIG-080831	119	5	12	24	0
CONTIG-080832	121	10	2	17	0
CONTIG-080833	120	11	5	36	0
CONTIG-080835	155	3	2	0	0
CONTIG-080836	80	4	11	2	0
CONTIG-080837	65	5	2	0	0
CONTIG-080839	204	10	0	80	7
CONTIG-080840	67	2	7	0	0
CONTIG-080843	67	5	5	2	0
CONTIG-080844	80	11	3	20	0
CONTIG-080845	81	5	4	13	0
CONTIG-080846	98	9	3	26	0
CONTIG-080847	63	7	11	13	0
CONTIG-080848	207	9	17	48	0
CONTIG-080849	154	6	8	17	0
CONTIG-080852	106	7	4	18	0
CONTIG-080853	61	4	3	6	0
CONTIG-080854	60	3	2	3	0
CONTIG-080855	161	14	2	2	0
CONTIG-080856	58	14	0	28	0
CONTIG-080857	99	3	2	13	0
CONTIG-080858	64	17	31	0	0
CONTIG-080859	59	6	8	6	0
CONTIG-080860	73	5	8	2	0
CONTIG-080861	171	7	12	28	0
CONTIG-080862	100	7	3	21	0
CONTIG-080864	109	17	12	88	0
CONTIG-080865	433	10	4	155	2
CONTIG-080866	265	9	11	30	0
CONTIG-080867	39	286	6	165	0

CONTIG-080868	62	29	5	70	0
CONTIG-080869	59	8	2	12	2
CONTIG-080871	129	7	7	11	0
CONTIG-080872	105	4	5	4	6
CONTIG-080874	219	5	11	4	0
CONTIG-080877	63	12	0	33	0
CONTIG-080878	151	6	3	28	0
CONTIG-080879	178	5	7	28	0
CONTIG-080880	791	14	0	496	4
CONTIG-080881	88	8	9	19	2
CONTIG-080882	52	3438	9	2	5123
CONTIG-080883	190	7	11	51	0
CONTIG-080884	155	10	20	50	0
CONTIG-080886	121	6	7	20	0
CONTIG-080887	91	6	8	0	0
CONTIG-080888	125	9	8	24	3
CONTIG-080889	151	8	13	46	0
CONTIG-080890	409	12	7	163	8
CONTIG-080891	62	5	2	5	0
CONTIG-080896	117	5	0	23	0
CONTIG-080897	88	4	5	4	0
CONTIG-080900	108	6	0	22	0
CONTIG-080901	112	10	9	41	0
CONTIG-080903	228	13	17	66	0
CONTIG-080904	123	6	9	13	0
CONTIG-080905	74	6	3	15	0
CONTIG-080906	161	6	0	33	0
CONTIG-080907	236	16	0	107	2
CONTIG-080908	70	4	5	7	0
CONTIG-080909	354	12	2	0	27
CONTIG-080910	103	10	15	24	0
CONTIG-080911	96	6	0	18	0
CONTIG-080912	135	4	6	9	0
CONTIG-080913	90	6	6	13	0
CONTIG-080914	139	5	8	12	0
CONTIG-080915	162	9	7	39	0
CONTIG-080916	71	6	14	0	0
CONTIG-080917	76	3	0	2	0
CONTIG-080918	61	3	0	6	0
CONTIG-080919	80	4	0	10	0
CONTIG-080920	94	8	2	31	0
CONTIG-080921	146	7	4	44	2
CONTIG-080922	60	10	6	24	0
CONTIG-080923	64	5	9	0	0
CONTIG-080924	203	16	4	158	0
CONTIG-080925	106	18	3	80	3
CONTIG-080926	307	11	4	69	0

CONTIG-080927	176	7	0	45	2
CONTIG-080928	63	6	3	0	0
CONTIG-080930	111	20	3	0	0
CONTIG-080931	267	9	4	90	0
CONTIG-080932	106	14	0	86	0
CONTIG-080933	62	4	0	9	0
CONTIG-080934	101	6	0	20	0
CONTIG-080935	201	8	6	36	0
CONTIG-080936	135	6	0	35	0
CONTIG-080937	323	14	26	198	0
CONTIG-080938	196	8	14	37	0
CONTIG-080939	106	6	6	25	0
CONTIG-080940	515	98	0	0	552
CONTIG-080941	184	13	3	71	0
CONTIG-080942	163	9	6	30	0
CONTIG-080944	73	4	3	11	0
CONTIG-080945	61	6	2	12	0
CONTIG-080946	75	2	0	0	0
CONTIG-080947	145	13	9	58	0
CONTIG-080948	162	6	4	24	0
CONTIG-080949	60	2	0	3	0
CONTIG-080951	177	14	12	89	0
CONTIG-080952	141	6	0	32	0
CONTIG-080953	139	28	3	0	24
CONTIG-080954	61	7	0	18	0
CONTIG-080955	413	9	31	85	0
CONTIG-080956	59	7	15	8	0
CONTIG-080957	66	8	10	3	0
CONTIG-080958	68	5	2	5	3
CONTIG-080959	100	3	0	4	0
CONTIG-080960	155	4	2	10	2
CONTIG-080961	235	7	7	48	0
CONTIG-080962	139	5	2	22	0
CONTIG-080963	62	8	0	25	0
CONTIG-080964	241	10	5	98	0
CONTIG-080965	72	8	11	14	0
CONTIG-080966	66	7	0	17	0
CONTIG-080967	104	6	3	14	0
CONTIG-080968	84	4	4	9	0
CONTIG-080969	121	12	36	58	0
CONTIG-080970	93	8	2	0	0
CONTIG-080971	95	4	5	10	0
CONTIG-080974	200	6	0	21	0
CONTIG-080975	145	3	4	12	0
CONTIG-080976	142	4	3	19	0
CONTIG-080977	78	11	0	0	0
CONTIG-080978	86	6	0	16	0

CONTIG-080979	130	8	2	27	0
CONTIG-080980	73	13	7	14	0
CONTIG-080981	81	6	2	19	0
CONTIG-080982	77	5	4	5	0
CONTIG-080984	83	25	2	94	0
CONTIG-080985	65	3	3	4	0
CONTIG-080986	60	10	0	19	0
CONTIG-080987	372	9	8	65	2
CONTIG-080988	96	6	16	14	0
CONTIG-080989	228	7	4	21	2
CONTIG-080990	187	4	3	17	0
CONTIG-080991	72	5	3	9	2
CONTIG-080992	170	7	5	29	0
CONTIG-080993	63	5	2	4	0
CONTIG-080994	73	22	8	82	0
CONTIG-080995	260	5	4	45	0
CONTIG-080996	71	4	2	4	0
CONTIG-080997	184	7	10	46	0
CONTIG-080999	99	13	29	18	0
CONTIG-081000	71	4	0	0	0
CONTIG-081001	126	12	11	30	3
CONTIG-081002	62	13	9	26	0
CONTIG-081003	298	10	8	128	0
CONTIG-081004	161	15	6	73	0
CONTIG-081005	79	6	11	14	0
CONTIG-081006	110	4	4	2	0
CONTIG-081008	158	4	8	7	0
CONTIG-081009	70	5	0	5	0
CONTIG-081010	177	12	10	70	0
CONTIG-081011	262	10	10	116	0
CONTIG-081012	144	9	0	45	0
CONTIG-081013	173	13	36	41	0
CONTIG-081014	127	10	0	29	2
CONTIG-081015	62	9	5	18	0
CONTIG-081016	74	3	0	6	0
CONTIG-081017	118	4	0	6	0
CONTIG-081018	86	12	11	37	0
CONTIG-081019	132	10	8	31	0
CONTIG-081020	97	5	7	4	0
CONTIG-081021	230	17	8	209	0
CONTIG-081022	61	11	3	20	0
CONTIG-081023	68	2	0	0	0
CONTIG-081024	96	4	11	10	0
CONTIG-081025	208	10	7	77	0
CONTIG-081026	60	5	2	9	0
CONTIG-081029	311	15	2	154	0
CONTIG-081030	189	6	3	41	0

CONTIG-081031	121	7	2	31	0
CONTIG-081032	106	4	13	4	0
CONTIG-081033	119	6	2	16	0
CONTIG-081034	104	4	3	12	0
CONTIG-081035	93	7	4	19	0
CONTIG-081036	95	6	0	20	0
CONTIG-081037	463	8	29	85	0
CONTIG-081038	301	17	3	116	0
CONTIG-081039	71	3	2	4	0
CONTIG-081040	96	2	2	0	0
CONTIG-081041	63	6	5	5	0
CONTIG-081042	146	13	9	19	0
CONTIG-081043	58	6	0	2	0
CONTIG-081044	93	8	0	20	0
CONTIG-081045	303	9	5	64	0
CONTIG-081046	85	6	2	13	0
CONTIG-081047	282	8	0	69	4
CONTIG-081048	106	7	0	29	0
CONTIG-081049	130	4	3	15	0
CONTIG-081051	83	5	2	9	0
CONTIG-081052	176	11	13	55	0
CONTIG-081053	48	8	0	10	0
CONTIG-081054	105	7	13	11	0
CONTIG-081055	114	5	6	10	0
CONTIG-081056	93	7	0	17	0
CONTIG-081057	103	6	6	11	0
CONTIG-081058	588	22	0	45	2
CONTIG-081059	98	4	0	7	0
CONTIG-081061	168	5	9	36	0
CONTIG-081062	66	5	0	11	0
CONTIG-081063	130	7	29	19	0
CONTIG-081064	463	11	4	0	22
CONTIG-081065	66	6	0	15	0
CONTIG-081067	93	5	3	12	0
CONTIG-081068	87	9	20	14	0
CONTIG-081069	171	4	6	6	0
CONTIG-081070	83	4	2	8	0
CONTIG-081071	95	4	7	7	0
CONTIG-081072	66	8	4	16	0
CONTIG-081073	65	9	7	4	0
CONTIG-081074	116	3	2	3	0
CONTIG-081076	91	4	2	4	0
CONTIG-081077	88	3	4	4	0
CONTIG-081078	394	16	20	201	4
CONTIG-081079	78	4	0	10	0
CONTIG-081080	68	4	2	2	0
CONTIG-081081	79	5	0	17	0

CONTIG-081082	84	3	0	4	0
CONTIG-081083	183	5	0	18	0
CONTIG-081084	188	10	2	36	3
CONTIG-081085	73	6	4	0	0
CONTIG-081086	325	7	10	61	0
CONTIG-081087	80	4	6	9	0
CONTIG-081088	129	9	0	0	0
CONTIG-081089	137	17	9	34	0
CONTIG-081090	73	5	0	12	0
CONTIG-081091	97	5	8	7	0
CONTIG-081092	84	10	12	9	0
CONTIG-081093	64	7	0	15	0
CONTIG-081094	192	7	7	34	0
CONTIG-081095	92	7	0	10	0
CONTIG-081096	73	3	5	4	0
CONTIG-081097	103	9	8	0	0
CONTIG-081098	149	5	0	16	0
CONTIG-081099	86	14	8	0	0
CONTIG-081100	146	15	6	110	0
CONTIG-081101	151	11	7	61	0
CONTIG-081103	147	6	3	11	0
CONTIG-081105	58	6	14	0	0
CONTIG-081106	183	11	3	5	0
CONTIG-081107	108	6	0	7	0
CONTIG-081108	74	16	9	51	0
CONTIG-081109	99	5	2	0	0
CONTIG-081110	433	13	10	191	0
CONTIG-081111	66	9	16	16	0
CONTIG-081112	180	10	4	64	0
CONTIG-081113	92	6	0	7	0
CONTIG-081114	146	11	5	3	10
CONTIG-081115	64	2	3	2	0
CONTIG-081116	85	5	2	9	0
CONTIG-081117	69	3	0	5	0
CONTIG-081118	605	19	11	85	0
CONTIG-081119	65	2	0	2	0
CONTIG-081120	68	5	4	3	0
CONTIG-081122	424	17	3	0	50
CONTIG-081123	109	4	0	8	0
CONTIG-081125	170	7	8	19	0
CONTIG-081126	90	7	5	11	0
CONTIG-081127	58	4	10	2	0
CONTIG-081128	126	8	5	26	0
CONTIG-081129	84	3	7	7	0
CONTIG-081130	90	7	0	20	0
CONTIG-081131	213	13	13	77	0
CONTIG-081132	234	6	2	31	0

CONTIG-081134	76	21	19	57	0
CONTIG-081135	114	8	4	22	4
CONTIG-081136	93	3	2	0	0
CONTIG-081137	102	5	10	10	0
CONTIG-081138	68	3	4	4	0
CONTIG-081139	139	7	0	28	0
CONTIG-081140	138	7	7	5	0
CONTIG-081141	61	9	3	17	0
CONTIG-081142	78	6	6	12	0
CONTIG-081143	161	7	0	39	0
CONTIG-081144	143	17	11	51	0
CONTIG-081145	76	6	2	2	0
CONTIG-081146	126	5	3	22	0
CONTIG-081147	65	7	2	14	0
CONTIG-081148	74	20	10	26	0
CONTIG-081149	74	3	0	9	0
CONTIG-081150	93	4	4	7	0
CONTIG-081151	61	4	0	6	0
CONTIG-081152	93	4	5	5	0
CONTIG-081153	101	11	6	42	2
CONTIG-081154	227	8	11	72	0
CONTIG-081155	78	4	7	13	0
CONTIG-081156	76	4	0	10	0
CONTIG-081157	171	6	8	40	0
CONTIG-081158	135	8	5	38	0
CONTIG-081159	95	11	3	47	0
CONTIG-081160	73	8	16	14	0
CONTIG-081163	129	9	0	23	0
CONTIG-081164	90	6	5	11	0
CONTIG-081165	97	114	0	632	0
CONTIG-081166	146	15	0	128	0
CONTIG-081167	176	5	3	11	0
CONTIG-081168	117	4	10	7	0
CONTIG-081169	113	15	5	6	0
CONTIG-081170	59	6	0	6	0
CONTIG-081171	83	6	9	18	0
CONTIG-081173	87	7	0	15	0
CONTIG-081174	247	8	8	55	0
CONTIG-081175	101	30	22	104	0
CONTIG-081176	156	7	4	27	0
CONTIG-081177	365	8	2	69	6
CONTIG-081181	77	2	2	0	0
CONTIG-081182	71	8	0	12	0
CONTIG-081183	172	8	6	66	0
CONTIG-081184	120	6	8	29	0
CONTIG-081185	80	7	2	5	0
CONTIG-081186	160	5	5	22	0

CONTIG-081187	69	12	0	20	0
CONTIG-081191	100	13	19	41	0
CONTIG-081192	67	4	17	0	0
CONTIG-081193	84	10	3	34	0
CONTIG-081194	95	14	5	47	0
CONTIG-081195	97	3	0	2	0
CONTIG-081196	218	18	8	9	0
CONTIG-081197	46	16	0	24	0
CONTIG-081199	204	10	6	39	2
CONTIG-081200	134	3	2	4	0
CONTIG-081201	322	4	7	27	0
CONTIG-081202	110	7	2	22	0
CONTIG-081203	132	20	2	71	0
CONTIG-081205	57	21	0	7	0
CONTIG-081206	87	3	0	2	0
CONTIG-081207	63	9	19	7	0
CONTIG-081208	205	21	2	255	0
CONTIG-081209	215	3	2	25	0
CONTIG-081210	110	5	6	13	0
CONTIG-081211	78	11	4	20	0
CONTIG-081216	179	12	7	73	2
CONTIG-081217	78	8	5	10	0
CONTIG-081218	126	9	4	54	0
CONTIG-081219	416	10	22	109	0
CONTIG-081220	210	10	6	56	2
CONTIG-081222	212	7	4	27	0
CONTIG-081223	248	5	4	23	2
CONTIG-081224	66	3	6	5	0
CONTIG-081225	290	9	11	41	0
CONTIG-081226	175	5	4	10	2
CONTIG-081230	87	4	2	8	2
CONTIG-081231	188	9	22	49	0
CONTIG-081232	72	2	0	5	0
CONTIG-081233	76	7	2	18	0
CONTIG-081235	66	5	0	0	0
CONTIG-081236	78	7	4	11	2
CONTIG-081237	230	9	15	79	0
CONTIG-081239	81	14	7	34	0
CONTIG-081240	103	4	9	14	0
CONTIG-081242	68	13	12	22	0
CONTIG-081243	172	6	4	16	3
CONTIG-081244	55	91	7	232	0
CONTIG-081245	182	8	11	29	0
CONTIG-081246	81	8	4	21	0
CONTIG-081247	123	9	0	58	0
CONTIG-081248	333	12	14	130	4
CONTIG-081249	298	15	3	2	0

CONTIG-081250	101	17	5	31	0
CONTIG-081251	103	5	7	14	0
CONTIG-081252	58	8	18	2	0
CONTIG-081253	82	13	5	41	0
CONTIG-081254	266	12	2	116	4
CONTIG-081255	212	6	0	35	0
CONTIG-081256	148	6	2	20	0
CONTIG-081257	248	14	18	103	0
CONTIG-081258	67	5	2	9	0
CONTIG-081259	67	8	33	7	0
CONTIG-081260	118	6	4	25	0
CONTIG-081261	102	8	4	14	0
CONTIG-081264	71	6	3	11	0
CONTIG-081265	102	6	2	5	0
CONTIG-081266	68	13	0	30	0
CONTIG-081267	335	16	4	182	4
CONTIG-081268	147	5	8	6	0
CONTIG-081269	60	4	0	10	0
CONTIG-081270	202	6	6	40	2
CONTIG-081271	62	3	0	4	0
CONTIG-081272	114	8	17	22	0
CONTIG-081273	71	11	16	0	0
CONTIG-081274	587	14	11	42	0
CONTIG-081275	85	16	2	60	0
CONTIG-081276	258	7	4	75	0
CONTIG-081277	144	7	3	8	4
CONTIG-081279	204	19	24	135	0
CONTIG-081280	106	5	3	11	0
CONTIG-081281	89	12	12	48	0
CONTIG-081282	164	12	8	48	2
CONTIG-081291	81	23	0	45	0
CONTIG-081292	76	3	2	11	0
CONTIG-081293	160	6	36	2	0
CONTIG-081294	285	10	21	82	0
CONTIG-081295	81	7	2	18	2
CONTIG-081296	84	4	0	6	0
CONTIG-081298	206	103	5	0	414
CONTIG-081299	101	16	7	51	2
CONTIG-081300	93	6	5	24	0
CONTIG-081301	61	6	5	16	0
CONTIG-081302	718	28	0	0	39
CONTIG-081303	100	6	13	5	0
CONTIG-081304	90	5	2	9	0
CONTIG-081305	403	145	8	0	557
CONTIG-081306	66	10	12	17	2
CONTIG-081307	67	8	3	17	0
CONTIG-081308	79	8	9	18	0

CONTIG-081309	363	8	0	104	0
CONTIG-081310	36	20	0	4	0
CONTIG-081311	94	7	2	18	0
CONTIG-081312	228	11	12	71	0
CONTIG-081313	111	14	14	21	0
CONTIG-081314	44	72	9	117	0
CONTIG-081315	85	2	2	0	0
CONTIG-081316	177	7	2	29	0
CONTIG-081317	147	13	21	66	0
CONTIG-081318	577	16	41	134	0
CONTIG-081319	105	6	3	16	0
CONTIG-081323	79	5	2	17	0
CONTIG-081324	158	8	2	52	0
CONTIG-081325	148	9	2	47	0
CONTIG-081327	117	3	8	4	0
CONTIG-081328	145	10	10	28	0
CONTIG-081329	199	8	7	69	0
CONTIG-081330	123	4	5	20	0
CONTIG-081331	65	6	5	14	0
CONTIG-081332	189	9	7	24	6
CONTIG-081333	58	5	0	6	0
CONTIG-081334	179	4	4	25	0
CONTIG-081335	130	7	5	29	0
CONTIG-081336	66	4	6	3	0
CONTIG-081337	110	3	0	10	0
CONTIG-081338	103	6	10	13	0
CONTIG-081339	106	4	2	8	0
CONTIG-081340	88	4	2	7	0
CONTIG-081341	356	8	13	43	0
CONTIG-081342	122	6	8	13	2
CONTIG-081343	122	5	0	12	0
CONTIG-081344	129	5	8	8	0
CONTIG-081345	67	8	6	15	0
CONTIG-081346	81	13	4	3	0
CONTIG-081347	157	10	2	44	0
CONTIG-081348	84	6	5	2	0
CONTIG-081349	149	15	5	91	0
CONTIG-081350	126	12	5	18	0
CONTIG-081351	129	3	0	10	0
CONTIG-081353	71	3	0	10	0
CONTIG-081354	104	4	3	17	0
CONTIG-081355	68	4	0	0	0
CONTIG-081356	151	7	4	22	0
CONTIG-081357	92	7	4	14	0
CONTIG-081358	178	8	3	54	0
CONTIG-081359	81	4	3	4	0
CONTIG-081360	146	11	7	55	0

CONTIG-081361	169	9	2	22	0
CONTIG-081362	113	4	5	7	0
CONTIG-081363	250	3	3	21	0
CONTIG-081364	101	5	2	11	0
CONTIG-081365	206	6	4	58	0
CONTIG-081366	62	3	4	7	0
CONTIG-081367	103	8	13	7	0
CONTIG-081369	92	16	7	20	0
CONTIG-081370	102	9	0	21	0
CONTIG-081371	176	14	11	56	0
CONTIG-081374	113	140	2	928	0
CONTIG-081375	257	10	9	82	3
CONTIG-081377	78	4	5	9	0
CONTIG-081378	95	42	15	117	8
CONTIG-081379	61	45	4	115	2
CONTIG-081380	118	6	22	10	0
CONTIG-081381	117	8	4	26	0
CONTIG-081382	343	12	2	176	0
CONTIG-081383	84	4	4	2	0
CONTIG-081387	269	10	3	50	0
CONTIG-081389	65	4	0	2	0
CONTIG-081390	108	35	23	37	0
CONTIG-081391	146	5	5	15	0
CONTIG-081392	59	9	3	9	0
CONTIG-081394	64	7	0	12	0
CONTIG-081395	79	17	0	0	6
CONTIG-081396	225	12	16	89	0
CONTIG-081397	64	7	7	12	0
CONTIG-081398	70	11	2	17	0
CONTIG-081399	58	8	8	15	0
CONTIG-081400	105	6	11	23	0
CONTIG-081401	72	6	6	6	0
CONTIG-081402	72	3	5	4	0
CONTIG-081403	591	12	2	0	13
CONTIG-081405	250	94	0	0	215
CONTIG-081406	481	43	7	61	0
CONTIG-081407	67	3	2	8	0
CONTIG-081410	61	3	5	3	0
CONTIG-081411	71	3	0	0	0
CONTIG-081412	98	8	9	23	0
CONTIG-081413	154	13	7	63	0
CONTIG-081414	144	14	7	72	0
CONTIG-081415	189	7	9	52	4
CONTIG-081416	282	8	5	70	0
CONTIG-081417	182	11	8	58	0
CONTIG-081418	174	7	0	49	0
CONTIG-081419	164	9	0	0	8

CONTIG-081420	177	5	2	25	0
CONTIG-081422	62	4	2	11	0
CONTIG-081423	197	7	3	0	0
CONTIG-081424	360	12	28	100	0
CONTIG-081425	82	5	2	12	0
CONTIG-081427	171	9	2	34	0
CONTIG-081428	58	2	0	0	0
CONTIG-081429	76	4	0	5	0
CONTIG-081431	60	7	0	13	2
CONTIG-081432	87	7	13	14	0
CONTIG-081433	189	8	2	51	0
CONTIG-081434	91	5	8	10	2
CONTIG-081435	229	7	5	51	0
CONTIG-081436	89	4	7	6	0
CONTIG-081437	123	7	2	31	0
CONTIG-081438	162	9	16	35	0
CONTIG-081439	74	5	8	10	0
CONTIG-081440	69	2	0	2	0
CONTIG-081442	70	2	0	0	0
CONTIG-081443	177	21	2	0	15
CONTIG-081444	74	15	27	0	0
CONTIG-081446	177	8	12	30	0
CONTIG-081447	80	3	3	6	0
CONTIG-081448	66	6	2	13	0
CONTIG-081449	294	6	2	41	2
CONTIG-081450	187	12	5	48	2
CONTIG-081451	157	3	0	15	0
CONTIG-081452	90	4	0	6	0
CONTIG-081454	279	6	4	43	0
CONTIG-081455	145	16	9	58	3
CONTIG-081456	302	7	5	67	0
CONTIG-081457	144	4	9	11	0
CONTIG-081458	201	5	10	27	0
CONTIG-081459	78	3	6	2	0
CONTIG-081460	361	12	6	117	4
CONTIG-081461	106	5	0	12	0
CONTIG-081462	252	7	10	49	0
CONTIG-081463	68	7	0	14	0
CONTIG-081464	152	7	12	29	2
CONTIG-081465	129	8	24	22	0
CONTIG-081466	72	3	3	0	0
CONTIG-081467	108	7	7	15	0
CONTIG-081468	103	5	6	8	0
CONTIG-081469	100	4	0	2	0
CONTIG-081470	52	46	3	56	0
CONTIG-081471	147	8	0	49	2
CONTIG-081472	71	22	11	49	0

CONTIG-081473	96	8	5	20	0
CONTIG-081474	67	11	9	9	2
CONTIG-081475	78	6	0	12	0
CONTIG-081476	118	4	0	7	0
CONTIG-081477	67	6	0	0	0
CONTIG-081478	176	6	9	23	0
CONTIG-081479	76	6	2	6	0
CONTIG-081480	236	10	7	84	0
CONTIG-081481	448	10	8	88	0
CONTIG-081482	42	1492	10	2417	0
CONTIG-081483	63	13	4	36	0
CONTIG-081485	280	19	28	127	0
CONTIG-081486	65	4	11	0	0
CONTIG-081487	75	3	6	5	0
CONTIG-081488	63	15	9	0	0
CONTIG-081489	69	10	8	19	0
CONTIG-081490	71	3	3	2	0
CONTIG-081491	65	6	5	17	0
CONTIG-081492	79	6	16	4	0
CONTIG-081493	72	6	10	0	0
CONTIG-081494	53	1438	2	45	2
CONTIG-081495	97	4	5	6	0
CONTIG-081496	91	5	0	24	0
CONTIG-081497	83	20	3	63	0
CONTIG-081499	115	5	10	17	0
CONTIG-081501	150	4	2	0	0
CONTIG-081502	130	11	4	48	0
CONTIG-081503	100	5	8	9	0
CONTIG-081505	61	5	2	2	0
CONTIG-081506	139	6	4	17	0
CONTIG-081507	61	2	0	0	0
CONTIG-081508	185	9	0	47	0
CONTIG-081509	75	4	2	6	0
CONTIG-081510	118	5	9	16	0
CONTIG-081511	103	19	13	83	0
CONTIG-081512	120	7	2	17	0
CONTIG-081513	73	5	4	0	0
CONTIG-081514	128	11	7	53	0
CONTIG-081515	105	45	17	194	0
CONTIG-081516	59	12	13	22	0
CONTIG-081517	76	5	6	12	0
CONTIG-081518	58	5	2	8	0
CONTIG-081519	1575	16	0	0	221
CONTIG-081520	245	8	4	51	0
CONTIG-081521	145	7	7	7	0
CONTIG-081522	372	11	23	68	4
CONTIG-081523	789	12	0	0	62

CONTIG-081524	111	10	3	37	0
CONTIG-081525	95	11	4	30	0
CONTIG-081526	61	2	4	4	0
CONTIG-081527	139	7	0	43	0
CONTIG-081528	78	4	0	6	0
CONTIG-081529	339	7	2	85	0
CONTIG-081530	118	12	10	75	0
CONTIG-081531	134	6	5	29	0
CONTIG-081533	165	8	4	34	0
CONTIG-081534	140	15	2	101	0
CONTIG-081535	81	4	0	0	0
CONTIG-081536	369	11	5	121	2
CONTIG-081538	66	6	2	10	0
CONTIG-081539	99	4	3	8	0
CONTIG-081540	159	6	13	16	0
CONTIG-081541	90	8	2	20	0
CONTIG-081542	68	7	0	13	0
CONTIG-081543	90	17	2	68	0
CONTIG-081544	88	4	0	9	0
CONTIG-081545	141	4	2	2	0
CONTIG-081546	195	4	3	19	0
CONTIG-081547	59	3	2	6	0
CONTIG-081548	176	63	354	235	6
CONTIG-081550	61	7	0	13	0
CONTIG-081551	194	8	8	42	0
CONTIG-081552	64	5	4	11	0
CONTIG-081554	188	25	8	247	0
CONTIG-081555	97	8	18	0	0
CONTIG-081556	115	4	0	0	0
CONTIG-081558	1082	10	3	0	43
CONTIG-081559	186	8	34	38	0
CONTIG-081560	154	7	15	40	0
CONTIG-081561	193	10	3	0	2
CONTIG-081564	109	6	3	9	0
CONTIG-081565	76	4	0	0	0
CONTIG-081566	58	2	3	0	0
CONTIG-081567	171	12	23	94	0
CONTIG-081568	61	3	2	4	0
CONTIG-081569	110	7	4	9	0
CONTIG-081570	120	10	2	39	0
CONTIG-081571	105	6	7	27	0
CONTIG-081572	88	9	7	27	0
CONTIG-081573	70	11	8	40	0
CONTIG-081574	142	10	2	0	6
CONTIG-081575	273	8	2	80	0
CONTIG-081576	223	7	12	41	0
CONTIG-081577	358	7	4	30	0

CONTIG-081578	184	8	6	73	0
CONTIG-081579	117	5	3	0	0
CONTIG-081580	72	9	2	4	0
CONTIG-081581	78	6	5	7	2
CONTIG-081582	70	5	3	5	0
CONTIG-081583	83	6	5	13	0
CONTIG-081585	84	4	2	0	0
CONTIG-081586	85	4	5	6	0
CONTIG-081587	74	5	3	0	0
CONTIG-081588	67	5	4	4	0
CONTIG-081589	135	6	5	7	0
CONTIG-081590	120	3	2	0	0
CONTIG-081591	135	8	13	40	0
CONTIG-081592	142	5	5	7	0
CONTIG-081593	183	8	5	28	0
CONTIG-081594	178	39	3	368	0
CONTIG-081595	594	46	7	2	194
CONTIG-081596	48	11	0	12	0
CONTIG-081597	288	8	5	35	0
CONTIG-081598	72	12	2	47	0
CONTIG-081599	152	10	10	26	2
CONTIG-081600	174	4	2	11	0
CONTIG-081601	78	4	5	4	0
CONTIG-081603	118	8	20	28	3
CONTIG-081604	87	3	0	2	0
CONTIG-081605	74	8	3	15	0
CONTIG-081606	78	8	9	11	0
CONTIG-081607	105	4	5	9	0
CONTIG-081609	67	5	0	9	0
CONTIG-081610	129	9	24	28	0
CONTIG-081611	88	7	2	4	0
CONTIG-081613	150	7	7	20	0
CONTIG-081614	189	12	10	106	0
CONTIG-081615	156	4	7	20	0
CONTIG-081617	178	5	2	19	0
CONTIG-081618	75	5	3	0	0
CONTIG-081619	63	5	2	9	0
CONTIG-081620	82	6	0	16	0
CONTIG-081621	108	5	6	16	0
CONTIG-081622	159	7	4	40	0
CONTIG-081623	81	18	17	39	0
CONTIG-081624	113	18	5	56	0
CONTIG-081625	74	5	3	8	0
CONTIG-081626	132	4	6	14	0
CONTIG-081627	88	10	9	20	0
CONTIG-081628	82	3	3	2	0
CONTIG-081629	254	8	3	81	0

CONTIG-081630	264	8	0	10	0
CONTIG-081631	129	6	4	20	0
CONTIG-081632	74	6	2	8	0
CONTIG-081633	80	6	4	10	0
CONTIG-081634	117	9	8	30	0
CONTIG-081635	99	5	4	18	0
CONTIG-081636	116	6	4	33	0
CONTIG-081637	118	16	12	115	0
CONTIG-081638	100	9	11	22	0
CONTIG-081639	81	6	5	11	2
CONTIG-081640	88	7	2	4	0
CONTIG-081641	70	4	0	0	0
CONTIG-081642	93	5	2	3	0
CONTIG-081643	161	5	3	0	2
CONTIG-081644	132	17	43	19	0
CONTIG-081645	71	4	3	13	0
CONTIG-081646	101	7	2	22	0
CONTIG-081647	96	8	5	20	0
CONTIG-081648	286	8	0	70	2
CONTIG-081649	161	17	28	79	2
CONTIG-081650	84	5	3	10	0
CONTIG-081651	89	4	9	6	0
CONTIG-081652	171	5	16	4	0
CONTIG-081653	197	6	16	25	0
CONTIG-081654	124	7	5	38	0
CONTIG-081655	62	2	2	0	0
CONTIG-081656	225	12	12	70	0
CONTIG-081657	124	6	0	15	0
CONTIG-081658	396	11	17	131	3
CONTIG-081659	79	16	7	17	0
CONTIG-081660	64	5	3	4	0
CONTIG-081661	58	16	5	2	0
CONTIG-081662	235	12	4	105	0
CONTIG-081663	63	5	4	2	0
CONTIG-081664	114	12	7	31	0
CONTIG-081665	166	5	4	20	0
CONTIG-081666	183	9	13	42	2
CONTIG-081667	107	7	5	17	0
CONTIG-081668	86	8	0	4	0
CONTIG-081670	270	9	6	71	0
CONTIG-081671	192	5	11	20	0
CONTIG-081672	89	14	15	23	0
CONTIG-081673	59	6	3	4	2
CONTIG-081674	119	6	2	26	0
CONTIG-081675	62	4	2	4	0
CONTIG-081676	111	13	8	59	0
CONTIG-081677	111	3	0	2	0

CONTIG-081678	121	6	10	20	0
CONTIG-081679	283	8	5	10	0
CONTIG-081686	103	8	9	21	0
CONTIG-081687	193	5	2	21	0
CONTIG-081688	37	5	0	0	0
CONTIG-081689	133	6	0	26	0
CONTIG-081690	86	9	34	2	2
CONTIG-081691	110	4	0	17	0
CONTIG-081692	62	6	3	10	0
CONTIG-081693	178	8	12	44	0
CONTIG-081694	62	5	6	7	0
CONTIG-081695	135	6	2	23	0
CONTIG-081696	97	6	4	20	0
CONTIG-081697	71	8	0	20	0
CONTIG-081698	64	3	0	2	0
CONTIG-081699	209	14	11	143	2
CONTIG-081700	137	25	20	138	0
CONTIG-081701	64	7	0	14	0
CONTIG-081702	852	36	4	0	112
CONTIG-081703	178	5	6	13	0
CONTIG-081704	208	8	3	83	0
CONTIG-081705	97	8	7	23	0
CONTIG-081706	107	5	2	9	0
CONTIG-081707	91	4	0	9	0
CONTIG-081708	239	6	8	30	0
CONTIG-081709	68	4	2	5	0
CONTIG-081710	109	5	2	13	0
CONTIG-081712	82	3	3	9	0
CONTIG-081713	58	7	11	0	2
CONTIG-081714	147	6	6	18	2
CONTIG-081715	87	13	9	52	0
CONTIG-081717	46	40	7	87	0
CONTIG-081718	130	14	0	56	0
CONTIG-081719	178	5	0	4	2
CONTIG-081720	102	30	5	150	0
CONTIG-081721	83	8	7	17	0
CONTIG-081722	118	12	12	65	0
CONTIG-081723	161	5	2	20	0
CONTIG-081724	248	10	0	4	0
CONTIG-081725	92	9	2	21	0
CONTIG-081726	274	9	6	81	0
CONTIG-081727	120	8	4	12	0
CONTIG-081729	160	7	12	32	0
CONTIG-081730	90	17	9	47	0
CONTIG-081732	119	10	2	37	0
CONTIG-081734	127	6	3	33	0
CONTIG-081735	197	4	0	12	4

CONTIG-081736	100	4	3	18	0
CONTIG-081737	325	8	8	50	0
CONTIG-081738	124	12	11	14	0
CONTIG-081739	98	4	7	4	0
CONTIG-081740	145	7	2	15	0
CONTIG-081741	73	7	5	13	0
CONTIG-081742	352	8	0	85	0
CONTIG-081744	333	9	18	71	2
CONTIG-081747	96	6	0	13	0
CONTIG-081748	270	8	5	77	2
CONTIG-081749	141	8	5	17	0
CONTIG-081750	180	5	0	18	0
CONTIG-081751	65	21	6	70	0
CONTIG-081752	465	10	18	140	0
CONTIG-081753	170	10	8	62	0
CONTIG-081754	267	10	9	76	0
CONTIG-081755	73	4	4	10	0
CONTIG-081756	83	9	8	12	0
CONTIG-081757	65	12	5	27	0
CONTIG-081758	70	5	3	14	0
CONTIG-081759	125	4	6	15	0
CONTIG-081760	103	6	10	10	0
CONTIG-081761	528	9	11	100	0
CONTIG-081762	102	13	2	59	0
CONTIG-081763	74	4	4	0	0
CONTIG-081764	105	4	4	10	0
CONTIG-081765	342	24	19	326	0
CONTIG-081766	95	7	0	25	0
CONTIG-081767	68	4	0	3	0
CONTIG-081768	82	3	2	5	0
CONTIG-081769	191	11	6	99	2
CONTIG-081770	162	6	6	34	0
CONTIG-081771	236	10	15	75	0
CONTIG-081772	127	10	0	47	0
CONTIG-081773	59	2	0	2	0
CONTIG-081774	209	7	0	46	0
CONTIG-081775	153	10	25	44	0
CONTIG-081776	152	6	2	40	0
CONTIG-081777	290	12	12	138	0
CONTIG-081778	269	10	13	137	0
CONTIG-081779	240	7	7	45	0
CONTIG-081780	178	3	0	10	0
CONTIG-081781	107	4	0	8	0
CONTIG-081782	219	7	3	51	0
CONTIG-081783	90	7	9	7	0
CONTIG-081784	78	4	0	0	0
CONTIG-081785	68	67	0	200	0

CONTIG-081786	111	2	0	5	0
CONTIG-081787	197	313	3	0	17
CONTIG-081788	97	10	5	17	0
CONTIG-081789	113	57	0	0	52
CONTIG-081790	68	4	5	0	0
CONTIG-081791	105	5	4	6	0
CONTIG-081792	140	5	4	10	2
CONTIG-081793	134	5	2	7	0
CONTIG-081794	95	4	0	14	0
CONTIG-081795	117	5	7	6	0
CONTIG-081796	73	7	6	7	0
CONTIG-081797	88	4	5	8	0
CONTIG-081798	363	43	4	35	0
CONTIG-081799	101	14	0	34	0
CONTIG-081800	219	8	15	66	0
CONTIG-081801	206	11	20	77	0
CONTIG-081802	71	5	8	4	0
CONTIG-081803	186	7	2	45	0
CONTIG-081804	64	4	6	0	0
CONTIG-081806	137	8	0	36	0
CONTIG-081807	86	6	0	4	0
CONTIG-081808	101	8	4	23	0
CONTIG-081809	60	6	5	9	0
CONTIG-081810	119	4	6	10	0
CONTIG-081811	63	7	2	2	0
CONTIG-081812	99	7	12	22	0
CONTIG-081813	90	26	5	64	2
CONTIG-081814	226	13	5	61	0
CONTIG-081815	94	7	10	25	0
CONTIG-081816	135	7	2	18	0
CONTIG-081817	90	4	0	12	2
CONTIG-081818	60	5	3	7	0
CONTIG-081819	96	6	5	7	0
CONTIG-081821	205	5	0	4	0
CONTIG-081822	205	5	2	29	0
CONTIG-081823	178	8	11	41	0
CONTIG-081824	139	8	12	11	0
CONTIG-081825	160	4	2	24	0
CONTIG-081826	159	11	0	56	0
CONTIG-081827	62	3	0	3	0
CONTIG-081828	134	5	4	16	2
CONTIG-081829	86	3	4	9	0
CONTIG-081830	77	10	11	24	0
CONTIG-081831	169	14	2	0	15
CONTIG-081832	115	6	5	23	0
CONTIG-081833	64	6	0	13	0
CONTIG-081834	58	5	3	4	0

CONTIG-081835	98	4	3	7	0
CONTIG-081836	124	13	4	51	0
CONTIG-081837	69	3	8	0	0
CONTIG-081838	180	5	0	31	0
CONTIG-081839	270	13	0	16	0
CONTIG-081840	139	11	14	64	0
CONTIG-081841	210	5	2	15	0
CONTIG-081842	88	7	8	13	0
CONTIG-081843	66	4	0	5	0
CONTIG-081844	42	35	0	2	0
CONTIG-081847	60	8	8	10	0
CONTIG-081849	59	74	0	223	0
CONTIG-081850	217	134	6	0	328
CONTIG-081851	66	2	0	0	0
CONTIG-081852	70	3	2	4	0
CONTIG-081853	181	5	13	14	0
CONTIG-081854	231	9	0	0	2
CONTIG-081855	60	27	5	6	0
CONTIG-081856	523	21	0	0	82
CONTIG-081857	94	6	8	10	0
CONTIG-081858	287	9	2	76	0
CONTIG-081859	76	6	9	3	0
CONTIG-081860	104	11	2	12	0
CONTIG-081861	128	62	10	404	0
CONTIG-081862	70	3	0	5	0
CONTIG-081863	110	10	6	27	0
CONTIG-081864	122	9	9	38	0
CONTIG-081865	60	14	3	0	0
CONTIG-081866	176	6	2	46	0
CONTIG-081867	61	5	0	8	0
CONTIG-081868	92	6	4	9	0
CONTIG-081869	453	11	5	179	2
CONTIG-081870	107	6	4	16	0
CONTIG-081871	72	4	3	4	0
CONTIG-081872	191	12	4	29	0
CONTIG-081874	136	13	8	49	2
CONTIG-081875	74	4	0	0	2
CONTIG-081876	143	8	10	37	0
CONTIG-081877	79	4	5	0	0
CONTIG-081878	151	10	2	48	0
CONTIG-081879	244	20	6	11	2
CONTIG-081880	145	3	3	0	0
CONTIG-081882	73	8	2	23	0
CONTIG-081883	108	5	5	13	0
CONTIG-081884	124	6	8	24	0
CONTIG-081886	70	4	7	2	0
CONTIG-081887	276	14	5	13	0

CONTIG-081890	356	6	5	13	0
CONTIG-081891	77	8	4	9	0
CONTIG-081892	169	7	0	0	0
CONTIG-081893	244	7	3	28	0
CONTIG-081894	183	6	2	30	0
CONTIG-081895	261	19	2	149	9
CONTIG-081898	64	7	3	2	0
CONTIG-081899	74	3	3	9	0
CONTIG-081900	139	12	8	62	0
CONTIG-081901	86	8	0	21	0
CONTIG-081902	186	6	18	20	0
CONTIG-081903	76	2	2	0	0
CONTIG-081904	251	4	5	25	0
CONTIG-081905	85	6	4	7	0
CONTIG-081906	193	6	8	41	0
CONTIG-081907	94	3	2	11	0
CONTIG-081908	111	4	6	12	0
CONTIG-081909	210	5	6	40	2
CONTIG-081910	76	4	6	12	0
CONTIG-081911	342	12	15	175	0
CONTIG-081912	78	5	0	4	0
CONTIG-081913	250	5	5	30	0
CONTIG-081914	180	7	10	36	0
CONTIG-081915	126	4	3	13	0
CONTIG-081916	69	4	0	4	0
CONTIG-081917	86	4	4	4	0
CONTIG-081918	63	2	0	0	0
CONTIG-081919	200	13	11	90	0
CONTIG-081920	126	2	2	0	0
CONTIG-081921	72	2	2	5	0
CONTIG-081922	70	4	2	10	0
CONTIG-081923	438	16	3	0	27
CONTIG-081924	65	7	4	0	0
CONTIG-081925	214	11	2	7	2
CONTIG-081926	176	5	5	36	0
CONTIG-081927	86	4	0	7	0
CONTIG-081928	165	10	16	33	0
CONTIG-081929	91	9	10	11	0
CONTIG-081930	144	7	0	23	0
CONTIG-081931	63	5	4	2	0
CONTIG-081932	110	4	0	15	0
CONTIG-081933	403	8	14	78	2
CONTIG-081934	190	9	8	63	0
CONTIG-081935	76	5	8	8	0
CONTIG-081939	91	5	8	2	0
CONTIG-081940	222	11	3	12	0
CONTIG-081941	212	7	6	55	0

CONTIG-081942	119	17	0	73	16
CONTIG-081943	69	4	8	5	0
CONTIG-081944	591	17	0	0	72
CONTIG-081945	105	4	2	18	0
CONTIG-081948	176	6	4	0	6
CONTIG-081949	58	4	5	4	0
CONTIG-081950	60	13	3	35	0
CONTIG-081951	63	6	5	12	0
CONTIG-081952	152	6	4	19	0
CONTIG-081953	223	8	9	19	0
CONTIG-081955	137	8	5	2	0
CONTIG-081956	734	10	13	155	0
CONTIG-081957	166	13	14	69	0
CONTIG-081958	60	2	0	6	0
CONTIG-081959	127	6	0	31	0
CONTIG-081960	111	6	3	28	0
CONTIG-081961	75	3	6	2	0
CONTIG-081962	182	9	2	37	5
CONTIG-081963	78	3	2	4	0
CONTIG-081964	64	4	0	3	0
CONTIG-081966	285	8	12	65	0
CONTIG-081967	123	86	3	21	0
CONTIG-081968	81	3	3	9	0
CONTIG-081969	140	5	6	17	0
CONTIG-081970	129	7	0	36	0
CONTIG-081971	66	3	2	5	0
CONTIG-081972	80	8	5	15	0
CONTIG-081973	213	8	11	44	0
CONTIG-081974	231	11	5	95	0
CONTIG-081975	140	8	0	27	0
CONTIG-081976	169	9	10	33	0
CONTIG-081977	380	10	5	135	4
CONTIG-081978	296	5	8	46	0
CONTIG-081979	72	6	9	10	0
CONTIG-081980	131	10	3	24	4
CONTIG-081982	108	7	6	10	0
CONTIG-081984	83	6	7	0	0
CONTIG-081985	96	11	3	20	2
CONTIG-081987	65	8	4	22	0
CONTIG-081988	63	10	3	19	0
CONTIG-081989	81	8	6	20	0
CONTIG-081990	70	5	0	0	2
CONTIG-081991	67	3	2	7	0
CONTIG-081992	137	6	0	29	0
CONTIG-081994	68	6	15	12	0
CONTIG-081995	198	8	13	32	0
CONTIG-081996	263	16	20	83	0

CONTIG-081997	206	13	14	40	0
CONTIG-081998	46	108	2	36	2
CONTIG-082000	136	8	7	25	0
CONTIG-082001	83	5	2	10	0
CONTIG-082002	62	5	5	10	0
CONTIG-082003	76	5	0	11	0
CONTIG-082004	310	10	7	80	5
CONTIG-082005	60	4	10	2	0
CONTIG-082006	136	3	9	6	0
CONTIG-082007	218	10	2	0	0
CONTIG-082008	61	9	11	14	0
CONTIG-082009	90	10	7	25	0
CONTIG-082010	84	4	6	0	0
CONTIG-082012	194	6	7	32	0
CONTIG-082013	111	12	4	60	0
CONTIG-082014	96	6	3	13	0
CONTIG-082015	75	6	6	0	0
CONTIG-082016	58	12	11	2	0
CONTIG-082017	101	5	0	7	0
CONTIG-082018	90	22	6	62	0
CONTIG-082019	104	3	2	6	0
CONTIG-082020	64	3	0	5	0
CONTIG-082021	61	5	0	7	0
CONTIG-082027	272	59	5	2	276
CONTIG-082028	72	7	4	14	0
CONTIG-082029	284	6	3	0	2
CONTIG-082030	119	6	5	24	0
CONTIG-082031	76	4	0	10	0
CONTIG-082032	193	5	7	22	0
CONTIG-082033	120	4	0	9	0
CONTIG-082034	77	14	11	33	0
CONTIG-082035	75	4	11	4	0
CONTIG-082036	68	3	3	0	0
CONTIG-082037	58	6	3	9	0
CONTIG-082039	102	122	2	0	67
CONTIG-082042	95	6	2	0	0
CONTIG-082043	65	3	8	2	0
CONTIG-082044	78	8	2	28	0
CONTIG-082045	79	4	0	12	0
CONTIG-082046	103	11	0	27	0
CONTIG-082047	58	9	4	22	0
CONTIG-082048	87	8	5	20	0
CONTIG-082050	162	10	13	55	0
CONTIG-082053	78	4	6	0	0
CONTIG-082054	58	8	2	12	0
CONTIG-082055	105	3	7	7	0
CONTIG-082056	119	6	6	27	0

CONTIG-082057	358	9	5	6	0
CONTIG-082058	156	8	6	26	0
CONTIG-082059	171	7	8	24	0
CONTIG-082060	71	24	2	0	11
CONTIG-082061	104	3	0	16	0
CONTIG-082062	56	862	8	1977	0
CONTIG-082063	62	2	0	0	0
CONTIG-082064	84	7	2	25	0
CONTIG-082065	80	2	3	2	0
CONTIG-082067	182	2	0	4	0
CONTIG-082068	74	4	0	6	0
CONTIG-082069	81	9	4	7	0
CONTIG-082070	354	7	7	22	2
CONTIG-082071	97	5	2	7	0
CONTIG-082072	200	15	4	152	0
CONTIG-082073	89	3	10	3	0
CONTIG-082074	146	6	2	17	0
CONTIG-082080	100	7	5	35	0
CONTIG-082081	65	10	28	11	0
CONTIG-082082	79	4	8	3	0
CONTIG-082084	115	16	0	85	0
CONTIG-082085	173	5	0	20	0
CONTIG-082086	173	8	7	61	0
CONTIG-082088	269	9	8	62	0
CONTIG-082089	186	6	3	9	3
CONTIG-082090	89	6	16	9	0
CONTIG-082091	178	10	23	53	2
CONTIG-082092	108	4	14	7	0
CONTIG-082093	87	8	10	7	0
CONTIG-082094	209	5	15	21	0
CONTIG-082095	61	5	3	10	0
CONTIG-082096	49	91	67	135	3
CONTIG-082097	144	8	16	40	0
CONTIG-082098	91	81	4	0	72
CONTIG-082099	67	8	2	16	0
CONTIG-082100	67	9	9	28	0
CONTIG-082101	66	6	3	0	0
CONTIG-082102	202	10	2	62	0
CONTIG-082103	80	3	0	4	0
CONTIG-082104	192	9	2	56	4
CONTIG-082105	342	8	4	40	0
CONTIG-082106	267	15	24	48	2
CONTIG-082107	114	6	3	29	0
CONTIG-082108	63	7	4	12	0
CONTIG-082109	78	6	2	11	0
CONTIG-082110	86	3	0	8	0
CONTIG-082111	218	11	0	86	0

CONTIG-082112	123	14	2	13	0
CONTIG-082113	76	5	4	13	0
CONTIG-082114	233	4	6	9	0
CONTIG-082115	147	7	2	32	0
CONTIG-082116	152	11	0	60	0
CONTIG-082118	181	12	0	105	0
CONTIG-082119	112	10	9	32	0
CONTIG-082120	67	5	5	3	0
CONTIG-082121	74	3	5	6	0
CONTIG-082122	60	6	23	6	0
CONTIG-082123	64	5	2	10	0
CONTIG-082124	126	5	4	17	0
CONTIG-082126	65	7	2	12	0
CONTIG-082127	297	17	17	132	6
CONTIG-082128	66	10	7	25	0
CONTIG-082129	114	6	9	14	0
CONTIG-082130	58	6	8	6	0
CONTIG-082131	177	6	10	19	0
CONTIG-082132	120	6	0	19	0
CONTIG-082133	119	8	6	19	0
CONTIG-082134	93	15	6	57	0
CONTIG-082135	320	10	8	142	0
CONTIG-082136	188	8	7	55	0
CONTIG-082137	95	6	4	17	0
CONTIG-082138	94	3	0	4	0
CONTIG-082139	326	12	2	29	0
CONTIG-082140	82	4	8	10	0
CONTIG-082141	216	9	8	44	0
CONTIG-082142	237	8	9	79	0
CONTIG-082146	131	11	0	7	0
CONTIG-082147	219	5	0	29	0
CONTIG-082148	128	9	0	7	0
CONTIG-082149	104	6	0	15	0
CONTIG-082150	102	10	18	20	0
CONTIG-082151	69	6	4	14	0
CONTIG-082152	150	6	3	16	0
CONTIG-082153	1455	60	0	0	720
CONTIG-082154	76	7	4	16	0
CONTIG-082155	59	4	2	8	0
CONTIG-082156	103	9	15	10	0
CONTIG-082157	131	11	9	4	0
CONTIG-082158	156	8	12	41	0
CONTIG-082159	83	4	5	4	0
CONTIG-082160	240	11	6	38	0
CONTIG-082161	120	7	8	25	0
CONTIG-082162	116	15	10	85	0
CONTIG-082163	880	20	5	0	170

CONTIG-082164	90	5	3	0	0
CONTIG-082167	87	6	0	11	0
CONTIG-082169	126	6	2	24	0
CONTIG-082170	254	8	10	41	0
CONTIG-082171	76	5	5	6	0
CONTIG-082172	211	5	11	13	0
CONTIG-082173	199	16	7	44	0
CONTIG-082174	65	5	2	8	0
CONTIG-082175	123	9	11	12	0
CONTIG-082176	149	7	4	16	0
CONTIG-082177	67	4	2	6	0
CONTIG-082178	144	5	5	13	0
CONTIG-082179	80	6	10	0	0
CONTIG-082180	231	8	6	64	0
CONTIG-082181	37	64	6	0	9
CONTIG-082182	73	9	7	19	0
CONTIG-082183	81	4	3	14	0
CONTIG-082184	76	6	3	14	0
CONTIG-082191	142	20	0	167	0
CONTIG-082192	77	3	0	4	0
CONTIG-082193	75	3	0	0	0
CONTIG-082194	90	5	0	10	0
CONTIG-082195	100	11	6	11	0
CONTIG-082196	64	4	4	8	0
CONTIG-082197	227	8	4	55	0
CONTIG-082198	200	6	13	29	0
CONTIG-082199	62	7	0	8	0
CONTIG-082200	158	6	3	26	0
CONTIG-082201	111	8	0	28	0
CONTIG-082202	119	9	2	2	0
CONTIG-082203	96	4	2	6	0
CONTIG-082204	75	7	4	12	0
CONTIG-082205	88	5	2	11	0
CONTIG-082206	106	4	2	12	0
CONTIG-082208	61	2	0	2	0
CONTIG-082209	74	9	5	0	0
CONTIG-082210	79	189	0	0	236
CONTIG-082211	76	10	10	19	0
CONTIG-082212	62	3	2	6	0
CONTIG-082213	225	6	2	30	0
CONTIG-082214	233	18	7	139	2
CONTIG-082215	49	16	4	10	0
CONTIG-082217	83	2	2	0	0
CONTIG-082218	104	6	0	21	0
CONTIG-082219	42	17	0	6	0
CONTIG-082222	61	4	0	6	0
CONTIG-082223	74	5	5	7	0

CONTIG-082224	137	9	3	34	0
CONTIG-082225	128	7	2	8	0
CONTIG-082226	280	13	3	145	0
CONTIG-082227	69	4	6	0	2
CONTIG-082228	182	9	2	49	0
CONTIG-082229	65	7	5	16	0
CONTIG-082231	82	10	6	29	0
CONTIG-082232	115	7	5	19	0
CONTIG-082233	288	13	2	148	0
CONTIG-082234	67	9	0	22	0
CONTIG-082235	159	7	10	30	0
CONTIG-082236	190	8	6	52	0
CONTIG-082237	180	7	0	39	0
CONTIG-082238	144	14	3	4	0
CONTIG-082239	60	6	5	0	2
CONTIG-082240	93	7	3	12	0
CONTIG-082241	46	260	2	0	0
CONTIG-082242	158	10	8	67	0
CONTIG-082243	74	4	10	0	0
CONTIG-082244	79	2	5	2	0
CONTIG-082245	143	5	0	23	0
CONTIG-082246	143	4	0	11	0
CONTIG-082248	331	10	12	105	0
CONTIG-082249	91	6	0	14	0
CONTIG-082250	216	7	2	45	0
CONTIG-082251	115	5	6	15	0
CONTIG-082252	240	5	12	38	0
CONTIG-082253	179	10	25	35	0
CONTIG-082254	94	5	2	20	0
CONTIG-082255	243	8	6	62	0
CONTIG-082256	154	20	19	100	5
CONTIG-082257	132	13	6	30	0
CONTIG-082258	164	6	0	35	0
CONTIG-082259	104	5	13	17	0
CONTIG-082260	131	4	12	15	0
CONTIG-082261	62	5	0	9	0
CONTIG-082262	184	4	3	29	0
CONTIG-082263	63	10	9	0	2
CONTIG-082264	67	6	0	9	0
CONTIG-082265	90	7	0	7	0
CONTIG-082266	162	11	0	54	2
CONTIG-082267	131	4	3	17	0
CONTIG-082268	164	5	15	6	0
CONTIG-082269	84	9	5	14	0
CONTIG-082270	136	5	0	30	0
CONTIG-082271	276	5	2	23	0
CONTIG-082272	521	6	5	35	9

CONTIG-082273	65	5	3	5	0
CONTIG-082274	135	7	2	26	0
CONTIG-082275	129	5	7	12	0
CONTIG-082276	72	11	13	12	2
CONTIG-082278	175	6	15	17	0
CONTIG-082279	65	4	2	0	0
CONTIG-082280	155	7	7	31	0
CONTIG-082281	117	12	0	42	0
CONTIG-082283	160	17	0	0	0
CONTIG-082284	109	7	0	26	0
CONTIG-082285	115	6	8	16	0
CONTIG-082286	61	2	0	6	0
CONTIG-082287	193	10	2	34	0
CONTIG-082288	277	6	0	11	9
CONTIG-082289	62	5	6	6	0
CONTIG-082290	71	6	2	18	0
CONTIG-082291	103	4	2	10	0
CONTIG-082292	70	4	2	5	0
CONTIG-082293	136	8	10	39	0
CONTIG-082294	189	5	0	14	0
CONTIG-082295	115	3	0	16	0
CONTIG-082296	89	6	10	15	0
CONTIG-082297	123	6	10	6	0
CONTIG-082298	61	4	0	5	0
CONTIG-082299	116	16	0	0	24
CONTIG-082302	115	13	2	62	0
CONTIG-082303	87	5	2	9	0
CONTIG-082304	198	8	16	38	0
CONTIG-082305	72	9	10	6	0
CONTIG-082306	58	4	2	6	0
CONTIG-082307	95	8	6	16	0
CONTIG-082308	98	6	4	27	0
CONTIG-082309	64	3	4	0	0
CONTIG-082311	79	9	2	18	0
CONTIG-082312	66	2	3	0	0
CONTIG-082314	87	5	7	12	0
CONTIG-082315	161	14	0	82	4
CONTIG-082316	96	3	0	13	0
CONTIG-082317	255	9	0	40	0
CONTIG-082318	168	13	0	104	2
CONTIG-082319	262	23	15	0	59
CONTIG-082320	144	8	2	28	0
CONTIG-082321	112	8	3	37	0
CONTIG-082322	110	7	3	33	0
CONTIG-082324	79	3	2	7	0
CONTIG-082325	101	3	5	6	0
CONTIG-082327	122	75	7	421	0

CONTIG-082328	68	5	2	5	0
CONTIG-082329	84	4	2	12	0
CONTIG-082330	273	15	29	224	0
CONTIG-082331	197	10	8	105	0
CONTIG-082332	143	3	4	9	0
CONTIG-082333	173	9	13	56	0
CONTIG-082335	184	7	4	47	0
CONTIG-082336	70	6	0	6	0
CONTIG-082337	68	6	0	13	0
CONTIG-082338	70	10	5	40	0
CONTIG-082339	104	21	3	79	4
CONTIG-082340	83	108	16	394	0
CONTIG-082342	145	7	4	38	0
CONTIG-082343	150	6	2	11	0
CONTIG-082344	95	6	6	8	0
CONTIG-082345	119	4	0	0	2
CONTIG-082346	111	5	3	10	0
CONTIG-082347	114	6	4	19	0
CONTIG-082348	499	13	0	222	6
CONTIG-082349	138	5	3	16	0
CONTIG-082350	305	8	6	21	0
CONTIG-082351	207	7	4	26	0
CONTIG-082352	72	5	0	2	0
CONTIG-082354	132	13	2	45	0
CONTIG-082355	70	12	6	22	0
CONTIG-082356	87	7	8	12	0
CONTIG-082357	286	8	6	74	0
CONTIG-082358	252	9	19	87	0
CONTIG-082359	65	25	0	33	0
CONTIG-082360	79	5	0	12	0
CONTIG-082361	106	11	0	66	0
CONTIG-082363	75	3	2	2	0
CONTIG-082364	75	6	0	9	0
CONTIG-082365	219	6	3	18	0
CONTIG-082366	119	7	11	26	0
CONTIG-082367	65	25	18	0	0
CONTIG-082368	88	5	12	8	0
CONTIG-082369	64	11	2	42	0
CONTIG-082370	125	3	2	0	0
CONTIG-082371	65	10	0	21	0
CONTIG-082372	90	2	0	4	0
CONTIG-082373	119	6	4	11	0
CONTIG-082374	59	4	0	4	0
CONTIG-082375	92	6	4	15	0
CONTIG-082376	58	12	16	12	0
CONTIG-082377	108	8	2	37	0
CONTIG-082378	151	7	10	29	0

CONTIG-082379	201	12	4	87	2
CONTIG-082380	98	9	4	32	0
CONTIG-082381	168	14	7	64	2
CONTIG-082382	237	9	12	55	0
CONTIG-082384	113	13	8	59	0
CONTIG-082385	62	4	3	6	0
CONTIG-082386	64	4	3	4	0
CONTIG-082387	132	7	2	18	0
CONTIG-082388	40	27	4	38	0
CONTIG-082389	180	11	0	65	0
CONTIG-082390	73	3	7	0	0
CONTIG-082391	67	8	3	21	0
CONTIG-082392	133	5	2	25	0
CONTIG-082394	97	10	19	8	0
CONTIG-082395	118	6	3	30	0
CONTIG-082396	216	6	4	51	0
CONTIG-082397	72	6	13	8	0
CONTIG-082398	182	140	9	0	187
CONTIG-082399	71	3	3	4	0
CONTIG-082400	236	11	3	100	0
CONTIG-082401	149	7	16	37	0
CONTIG-082402	175	11	5	8	2
CONTIG-082403	63	9	7	20	0
CONTIG-082404	154	9	10	65	0
CONTIG-082406	135	12	0	18	0
CONTIG-082407	108	6	0	11	0
CONTIG-082408	71	4	4	5	0
CONTIG-082409	63	11	23	18	0
CONTIG-082410	120	7	5	22	0
CONTIG-082411	205	6	8	22	0
CONTIG-082412	82	8	2	18	0
CONTIG-082417	61	5	2	0	0
CONTIG-082418	60	2	0	0	0
CONTIG-082419	144	5	0	19	0
CONTIG-082420	265	9	7	61	0
CONTIG-082421	104	5	3	2	0
CONTIG-082422	249	10	5	87	0
CONTIG-082423	130	3	2	13	0
CONTIG-082424	164	7	2	49	0
CONTIG-082425	271	10	6	83	2
CONTIG-082426	144	6	2	41	0
CONTIG-082427	301	5	2	33	2
CONTIG-082428	123	4	3	23	0
CONTIG-082429	106	4	6	6	0
CONTIG-082430	65	3	2	4	0
CONTIG-082431	76	2	3	3	0
CONTIG-082433	142	15	14	40	0

CONTIG-082435	202	5	0	44	0
CONTIG-082436	154	22	13	0	0
CONTIG-082437	208	7	3	65	0
CONTIG-082438	339	10	2	12	0
CONTIG-082439	90	6	2	17	0
CONTIG-082440	483	159	2	0	38
CONTIG-082441	75	11	10	32	0
CONTIG-082442	94	3	2	14	0
CONTIG-082443	59	5	3	11	0
CONTIG-082444	84	12	3	43	0
CONTIG-082445	162	6	8	31	0
CONTIG-082446	137	4	5	11	0
CONTIG-082447	86	4	2	17	0
CONTIG-082448	229	18	14	166	0
CONTIG-082449	199	11	14	50	0
CONTIG-082450	56	265	6	603	0
CONTIG-082451	285	13	14	110	0
CONTIG-082452	77	11	11	22	0
CONTIG-082453	371	41	12	798	2
CONTIG-082454	146	4	4	14	0
CONTIG-082455	134	8	3	40	0
CONTIG-082456	81	4	7	9	0
CONTIG-082459	123	8	10	21	0
CONTIG-082460	108	6	5	4	0
CONTIG-082461	168	8	0	0	0
CONTIG-082462	192	9	4	80	0
CONTIG-082463	104	6	0	21	0
CONTIG-082464	258	9	8	59	0
CONTIG-082465	66	4	2	0	0
CONTIG-082467	203	11	2	114	0
CONTIG-082468	228	6	2	32	0
CONTIG-082469	126	7	15	15	0
CONTIG-082472	117	4	2	13	0
CONTIG-082475	165	9	2	2	0
CONTIG-082476	74	5	5	6	0
CONTIG-082477	96	3	15	7	0
CONTIG-082478	107	14	12	30	0
CONTIG-082479	66	24	2	84	0
CONTIG-082480	150	3	2	10	0
CONTIG-082481	462	38	6	987	0
CONTIG-082482	91	3	0	2	0
CONTIG-082483	265	5	5	27	0
CONTIG-082484	243	10	7	71	0
CONTIG-082485	87	13	5	50	0
CONTIG-082486	126	6	9	23	0
CONTIG-082487	66	8	0	0	0
CONTIG-082488	130	9	3	56	0

CONTIG-082489	111	6	6	14	0
CONTIG-082490	243	10	11	95	0
CONTIG-082491	68	11	9	16	0
CONTIG-082492	90	4	4	8	0
CONTIG-082493	135	7	2	28	2
CONTIG-082494	328	8	3	119	2
CONTIG-082495	97	7	2	12	0
CONTIG-082496	229	13	0	102	0
CONTIG-082497	68	12	35	14	0
CONTIG-082498	96	4	2	13	0
CONTIG-082499	161	6	2	21	0
CONTIG-082503	238	8	0	101	0
CONTIG-082504	352	15	2	289	0
CONTIG-082505	67	4	5	0	0
CONTIG-082506	67	7	0	7	0
CONTIG-082507	60	3	2	0	0
CONTIG-082508	148	6	10	33	0
CONTIG-082509	41	42	0	57	0
CONTIG-082510	114	8	4	21	0
CONTIG-082511	65	5	19	0	0
CONTIG-082512	60	16	11	29	0
CONTIG-082513	177	7	0	38	0
CONTIG-082514	99	5	10	6	0
CONTIG-082515	104	6	2	17	0
CONTIG-082516	148	6	0	22	0
CONTIG-082517	62	4	10	5	0
CONTIG-082518	166	11	15	56	0
CONTIG-082519	194	8	0	56	0
CONTIG-082520	130	4	9	5	0
CONTIG-082521	117	5	3	23	0
CONTIG-082522	232	5	4	39	2
CONTIG-082523	127	10	4	21	2
CONTIG-082524	79	7	0	19	0
CONTIG-082525	150	9	26	16	0
CONTIG-082526	97	3	2	12	0
CONTIG-082527	100	7	11	14	0
CONTIG-082528	50	102	8	192	0
CONTIG-082529	454	10	27	175	0
CONTIG-082530	84	6	2	20	0
CONTIG-082531	66	5	2	9	0
CONTIG-082532	137	7	0	14	0
CONTIG-082533	71	7	7	13	0
CONTIG-082534	170	8	4	35	0
CONTIG-082535	121	5	13	16	0
CONTIG-082536	169	7	2	40	0
CONTIG-082537	77	10	16	11	0
CONTIG-082539	102	11	12	19	0

CONTIG-082540	195	6	4	27	0
CONTIG-082541	58	5	0	6	2
CONTIG-082542	117	5	0	22	0
CONTIG-082543	72	6	0	0	0
CONTIG-082544	82	9	18	18	0
CONTIG-082545	96	9	3	24	0
CONTIG-082548	223	9	4	86	0
CONTIG-082549	92	6	4	13	0
CONTIG-082553	208	7	0	62	0
CONTIG-082554	77	3	0	6	0
CONTIG-082555	80	169	11	37	2
CONTIG-082557	236	9	15	60	0
CONTIG-082558	136	7	4	20	0
CONTIG-082561	98	4	2	5	0
CONTIG-082562	106	4	2	20	0
CONTIG-082565	71	3	2	7	0
CONTIG-082566	248	8	2	46	0
CONTIG-082567	194	5	0	27	0
CONTIG-082568	92	18	2	38	0
CONTIG-082569	236	9	6	72	0
CONTIG-082570	82	6	2	2	0
CONTIG-082571	146	14	10	107	0
CONTIG-082573	79	7	5	12	0
CONTIG-082574	69	4	10	3	0
CONTIG-082575	43	87	15	84	2
CONTIG-082578	63	5	0	7	0
CONTIG-082580	67	4	0	2	0
CONTIG-082581	281	6	21	43	0
CONTIG-082582	112	5	0	18	0
CONTIG-082583	308	5	7	10	0
CONTIG-082587	111	22	6	78	0
CONTIG-082588	59	2	3	0	0
CONTIG-082589	61	12	5	4	0
CONTIG-082590	64	3	5	4	0
CONTIG-082591	167	7	4	23	0
CONTIG-082592	81	7	5	4	0
CONTIG-082593	104	13	2	36	0
CONTIG-082594	138	7	2	26	0
CONTIG-082595	192	10	3	93	0
CONTIG-082596	47	222	4	0	117
CONTIG-082597	200	9	17	4	0
CONTIG-082598	60	6	2	4	0
CONTIG-082599	59	3	3	0	0
CONTIG-082600	81	8	0	10	0
CONTIG-082601	80	7	6	26	0
CONTIG-082602	89	10	2	42	0
CONTIG-082603	179	6	6	23	2

CONTIG-082604	69	5	2	6	0
CONTIG-082605	561	10	2	186	4
CONTIG-082606	123	8	9	21	2
CONTIG-082607	338	8	4	15	0
CONTIG-082608	227	8	0	35	0
CONTIG-082609	68	4	0	2	0
CONTIG-082610	193	6	8	33	0
CONTIG-082611	502	10	0	0	0
CONTIG-082612	341	7	7	47	0
CONTIG-082613	134	8	11	14	2
CONTIG-082614	251	5	7	0	0
CONTIG-082615	140	14	10	89	0
CONTIG-082616	169	11	7	53	0
CONTIG-082617	245	7	8	47	0
CONTIG-082618	99	7	3	0	3
CONTIG-082619	64	5	0	11	0
CONTIG-082620	91	3	3	0	0
CONTIG-082621	113	10	7	23	0
CONTIG-082622	350	9	10	89	2
CONTIG-082623	142	4	6	27	0
CONTIG-082624	91	6	2	9	0
CONTIG-082625	60	7	0	6	0
CONTIG-082626	98	4	3	6	0
CONTIG-082627	84	3	0	8	0
CONTIG-082628	85	7	5	24	0
CONTIG-082629	87	4	2	12	0
CONTIG-082630	100	5	13	8	0
CONTIG-082631	43	43	16	46	0
CONTIG-082632	73	4	3	3	0
CONTIG-082633	85	5	3	6	0
CONTIG-082634	120	6	6	17	0
CONTIG-082635	68	6	8	11	0
CONTIG-082636	92	9	6	0	12
CONTIG-082637	97	4	6	2	0
CONTIG-082638	109	7	8	19	0
CONTIG-082639	98	3	7	3	0
CONTIG-082640	406	7	4	0	6
CONTIG-082641	128	4	8	8	0
CONTIG-082642	85	6	9	8	0
CONTIG-082643	89	5	0	18	0
CONTIG-082644	197	6	9	33	0
CONTIG-082645	90	7	4	25	0
CONTIG-082646	168	4	2	4	0
CONTIG-082647	79	6	3	9	0
CONTIG-082649	59	8	2	13	0
CONTIG-082650	177	8	17	46	0
CONTIG-082651	79	11	7	38	0

CONTIG-082653	114	85	0	327	2
CONTIG-082655	128	11	5	58	0
CONTIG-082656	63	6	3	0	0
CONTIG-082657	78	6	0	16	0
CONTIG-082658	68	8	4	5	0
CONTIG-082660	126	14	4	35	0
CONTIG-082661	77	2	0	0	0
CONTIG-082662	59	5	5	0	4
CONTIG-082663	135	13	15	43	0
CONTIG-082664	406	8	24	120	0
CONTIG-082665	90	4	3	0	3
CONTIG-082666	80	6	4	4	0
CONTIG-082667	119	4	2	0	0
CONTIG-082668	228	4	15	2	0
CONTIG-082669	84	7	4	31	0
CONTIG-082670	205	6	11	29	0
CONTIG-082671	80	9	8	33	0
CONTIG-082672	82	3	5	5	0
CONTIG-082673	78	8	5	14	0
CONTIG-082674	161	19	19	126	0
CONTIG-082675	68	3	3	5	0
CONTIG-082676	69	16	7	5	0
CONTIG-082677	115	3	0	16	2
CONTIG-082678	68	4	0	0	0
CONTIG-082679	153	4	4	21	0
CONTIG-082680	59	6	2	13	0
CONTIG-082681	61	6	2	2	0
CONTIG-082684	145	6	13	4	0
CONTIG-082685	86	6	9	7	0
CONTIG-082686	197	7	2	30	0
CONTIG-082687	154	5	8	31	0
CONTIG-082688	122	3	2	2	0
CONTIG-082689	903	13	2	0	62
CONTIG-082690	144	11	6	32	0
CONTIG-082691	161	10	2	13	0
CONTIG-082692	206	8	0	4	0
CONTIG-082693	90	8	2	19	2
CONTIG-082694	163	6	7	18	2
CONTIG-082695	75	30	0	0	0
CONTIG-082699	73	5	3	9	0
CONTIG-082700	80	9	9	18	0
CONTIG-082701	73	5	3	0	0
CONTIG-082702	97	28	2	149	0
CONTIG-082703	127	6	9	17	0
CONTIG-082704	68	16	11	43	0
CONTIG-082705	98	8	3	21	0
CONTIG-082706	69	11	3	25	0

CONTIG-082707	313	15	8	248	0
CONTIG-082708	96	7	8	15	0
CONTIG-082709	312	7	6	75	0
CONTIG-082710	97	5	2	7	0
CONTIG-082711	159	5	0	20	0
CONTIG-082712	83	6	2	12	0
CONTIG-082713	91	8	0	15	0
CONTIG-082714	56	19	2	28	0
CONTIG-082715	65	7	3	24	0
CONTIG-082716	119	9	18	25	0
CONTIG-082717	455	9	8	5	0
CONTIG-082718	102	6	7	7	0
CONTIG-082719	63	3	6	2	0
CONTIG-082720	175	8	3	41	0
CONTIG-082721	63	8	10	17	0
CONTIG-082722	287	46	13	184	0
CONTIG-082723	62	4	6	2	0
CONTIG-082724	207	8	2	43	0
CONTIG-082726	67	5	2	12	0
CONTIG-082727	134	21	36	101	0
CONTIG-082728	147	10	4	57	0
CONTIG-082729	290	5	7	29	0
CONTIG-082730	269	5	7	50	0
CONTIG-082731	90	12	2	39	0
CONTIG-082732	92	6	0	24	0
CONTIG-082733	75	3	0	0	0
CONTIG-082734	167	7	3	28	2
CONTIG-082735	107	11	0	49	0
CONTIG-082736	93	8	2	12	0
CONTIG-082737	182	4	4	5	0
CONTIG-082738	139	5	0	18	0
CONTIG-082739	67	27	0	54	0
CONTIG-082740	58	4	0	4	0
CONTIG-082741	59	3	2	2	0
CONTIG-082742	89	4	3	9	0
CONTIG-082743	166	8	12	41	0
CONTIG-082745	146	8	6	51	0
CONTIG-082746	73	4	6	0	0
CONTIG-082747	76	15	2	39	0
CONTIG-082748	68	14	3	35	0
CONTIG-082749	64	6	6	7	0
CONTIG-082750	793	11	18	32	2
CONTIG-082751	89	7	0	22	0
CONTIG-082752	59	4	0	8	0
CONTIG-082753	181	16	8	6	0
CONTIG-082755	80	5	6	19	0
CONTIG-082756	150	6	2	19	0

CONTIG-082757	67	7	2	12	0
CONTIG-082758	174	11	6	81	0
CONTIG-082762	60	6	2	0	0
CONTIG-082763	118	5	6	19	0
CONTIG-082764	140	5	5	18	0
CONTIG-082765	97	7	0	22	0
CONTIG-082769	786	15	13	665	0
CONTIG-082770	62	3	0	5	0
CONTIG-082771	435	7	0	79	2
CONTIG-082772	85	6	6	11	0
CONTIG-082773	138	6	0	30	0
CONTIG-082774	87	11	5	23	0
CONTIG-082775	91	7	6	0	0
CONTIG-082776	124	4	3	13	0
CONTIG-082777	115	13	18	29	0
CONTIG-082778	62	7	2	19	0
CONTIG-082779	125	8	3	15	0
CONTIG-082780	215	4	8	10	0
CONTIG-082781	66	6	2	5	0
CONTIG-082782	65	5	6	6	0
CONTIG-082783	90	3	3	2	0
CONTIG-082784	98	3	4	5	0
CONTIG-082785	137	2	0	2	0
CONTIG-082786	195	9	4	48	0
CONTIG-082788	59	4	6	2	0
CONTIG-082789	63	4	2	4	0
CONTIG-082790	76	4	0	0	0
CONTIG-082791	129	14	9	101	0
CONTIG-082792	86	6	17	8	0
CONTIG-082793	90	4	3	12	0
CONTIG-082794	81	49	15	100	0
CONTIG-082795	92	6	0	9	0
CONTIG-082796	89	7	12	16	0
CONTIG-082797	72	4	2	10	0
CONTIG-082798	79	7	2	13	0
CONTIG-082799	190	5	7	28	2
CONTIG-082800	60	7	0	10	0
CONTIG-082801	79	6	8	12	0
CONTIG-082802	164	6	8	32	0
CONTIG-082804	84	5	10	11	0
CONTIG-082805	115	11	2	52	0
CONTIG-082806	72	4	2	9	0
CONTIG-082807	131	4	10	10	0
CONTIG-082808	117	5	8	6	0
CONTIG-082809	402	13	9	255	0
CONTIG-082810	129	6	10	21	0
CONTIG-082811	100	5	0	5	0

CONTIG-082812	185	16	8	126	4
CONTIG-082814	255	9	0	105	0
CONTIG-082815	275	22	5	375	0
CONTIG-082816	75	4	0	8	0
CONTIG-082817	91	3	2	4	0
CONTIG-082818	75	9	0	25	0
CONTIG-082819	288	8	7	34	2
CONTIG-082820	67	3	4	7	0
CONTIG-082821	66	5	5	14	0
CONTIG-082822	208	12	17	75	0
CONTIG-082823	141	6	3	26	2
CONTIG-082824	75	9	5	25	0
CONTIG-082826	125	3	0	22	0
CONTIG-082827	102	5	2	15	0
CONTIG-082828	147	5	6	13	4
CONTIG-082829	69	5	11	9	0
CONTIG-082830	72	3	3	5	0
CONTIG-082832	110	7	4	20	0
CONTIG-082833	119	7	0	25	0
CONTIG-082834	224	5	7	35	0
CONTIG-082835	94	10	0	16	0
CONTIG-082836	59	125	4	220	0
CONTIG-082837	145	9	2	30	0
CONTIG-082838	46	67	0	68	0
CONTIG-082839	200	7	4	53	0
CONTIG-082840	82	7	6	6	0
CONTIG-082841	112	4	6	12	0
CONTIG-082842	91	6	2	11	2
CONTIG-082843	148	21	10	108	2
CONTIG-082844	105	17	3	4	0
CONTIG-082845	214	9	3	59	0
CONTIG-082847	73	11	3	21	0
CONTIG-082848	113	11	28	10	0
CONTIG-082849	82	19	0	32	0
CONTIG-082851	66	4	4	12	0
CONTIG-082852	100	3	0	2	0
CONTIG-082853	60	3	0	4	0
CONTIG-082854	210	7	9	33	0
CONTIG-082855	92	3	3	4	0
CONTIG-082856	76	7	5	16	0
CONTIG-082857	113	21	2	142	0
CONTIG-082858	412	8	25	115	0
CONTIG-082859	115	6	0	8	0
CONTIG-082860	110	8	3	28	0
CONTIG-082861	171	8	6	32	6
CONTIG-082862	123	8	8	37	0
CONTIG-082863	75	4	2	6	0

CONTIG-082864	96	5	7	17	0
CONTIG-082865	83	8	2	17	0
CONTIG-082866	88	3	2	7	0
CONTIG-082867	193	7	11	62	0
CONTIG-082868	121	17	2	0	2
CONTIG-082869	121	12	4	66	2
CONTIG-082871	132	8	4	38	0
CONTIG-082872	89	5	0	6	0
CONTIG-082873	70	5	8	7	0
CONTIG-082874	66	5	3	7	0
CONTIG-082875	214	8	0	48	0
CONTIG-082876	68	5	2	0	0
CONTIG-082877	410	11	18	145	0
CONTIG-082878	171	4	8	7	0
CONTIG-082881	284	27	7	0	87
CONTIG-082882	102	5	4	22	0
CONTIG-082883	59	5	4	7	0
CONTIG-082885	131	9	3	43	0
CONTIG-082886	83	7	3	11	0
CONTIG-082887	89	12	3	24	0
CONTIG-082889	72	7	3	20	0
CONTIG-082890	93	4	5	7	0
CONTIG-082891	200	7	4	26	0
CONTIG-082892	146	5	8	19	0
CONTIG-082893	100	5	2	22	0
CONTIG-082894	99	4	0	5	4
CONTIG-082895	157	5	2	23	0
CONTIG-082896	140	12	20	60	0
CONTIG-082897	89	5	8	12	0
CONTIG-082898	78	10	15	20	0
CONTIG-082899	113	8	5	31	0
CONTIG-082900	302	6	8	43	0
CONTIG-082901	179	5	7	5	0
CONTIG-082902	541	35	4	0	114
CONTIG-082903	95	15	2	64	0
CONTIG-082904	104	50	6	38	0
CONTIG-082905	316	15	7	68	0
CONTIG-082906	119	5	2	22	0
CONTIG-082907	241	8	5	72	0
CONTIG-082908	71	10	6	21	0
CONTIG-082909	345	9	6	77	0
CONTIG-082910	188	13	17	96	2
CONTIG-082911	93	3	0	0	0
CONTIG-082912	717	33	9	0	198
CONTIG-082913	78	5	16	5	0
CONTIG-082915	80	27	12	95	0
CONTIG-082916	162	5	2	35	0

CONTIG-082917	169	10	2	9	0
CONTIG-082918	113	7	2	27	0
CONTIG-082919	66	2	0	0	0
CONTIG-082920	118	4	2	8	0
CONTIG-082921	73	4	0	5	0
CONTIG-082923	734	8	2	0	23
CONTIG-082927	128	3	0	5	0
CONTIG-082928	104	4	5	0	0
CONTIG-082929	139	5	9	11	0
CONTIG-082931	199	11	27	63	0
CONTIG-082932	91	3	3	0	0
CONTIG-082934	134	8	8	20	2
CONTIG-082935	76	4	4	4	0
CONTIG-082936	104	8	2	43	0
CONTIG-082937	98	6	2	10	0
CONTIG-082938	72	5	0	5	0
CONTIG-082939	113	7	17	23	0
CONTIG-082941	180	16	7	74	3
CONTIG-082943	72	5	0	4	0
CONTIG-082944	69	6	0	8	0
CONTIG-082945	431	125	0	0	345
CONTIG-082955	152	14	5	0	4
CONTIG-082956	77	5	10	10	0
CONTIG-082957	224	5	2	50	0
CONTIG-082958	121	6	0	19	0
CONTIG-082959	77	5	2	13	0
CONTIG-082960	59	2	2	0	0
CONTIG-082961	64	7	3	0	2
CONTIG-082962	58	8	19	2	0
CONTIG-082963	288	10	13	110	0
CONTIG-082964	74	2	0	2	0
CONTIG-082965	78	5	7	7	0
CONTIG-082966	153	5	2	7	0
CONTIG-082967	84	8	6	16	0
CONTIG-082968	97	5	5	15	0
CONTIG-082969	105	5	8	12	0
CONTIG-082971	167	8	9	44	0
CONTIG-082972	134	8	4	23	2
CONTIG-082973	97	2	0	4	0
CONTIG-082974	169	6	9	17	0
CONTIG-082976	152	6	0	32	0
CONTIG-082977	77	6	14	12	0
CONTIG-082978	270	10	24	57	0
CONTIG-082979	109	4	2	14	0
CONTIG-082980	64	6	11	8	0
CONTIG-082981	58	3	0	4	0
CONTIG-082983	96	11	4	36	0

CONTIG-082984	150	37	4	273	2
CONTIG-082985	73	9	6	14	0
CONTIG-082987	76	3	3	4	0
CONTIG-082988	66	3	4	2	0
CONTIG-082989	62	2	2	0	0
CONTIG-082990	53	21	0	0	0
CONTIG-082991	230	6	0	48	0
CONTIG-082994	98	8	6	9	0
CONTIG-082995	76	3	3	10	0
CONTIG-082996	76	8	7	15	0
CONTIG-082997	74	5	4	12	0
CONTIG-082998	85	4	3	6	0
CONTIG-083002	139	8	6	23	0
CONTIG-083003	68	8	7	7	0
CONTIG-083004	162	5	6	21	0
CONTIG-083005	117	18	3	0	5
CONTIG-083006	181	8	10	21	0
CONTIG-083008	72	5	2	10	0
CONTIG-083009	340	17	6	202	4
CONTIG-083010	102	4	0	15	0
CONTIG-083012	609	9	8	230	0
CONTIG-083013	66	2	2	0	0
CONTIG-083014	155	5	8	17	0
CONTIG-083015	119	5	6	14	0
CONTIG-083016	184	7	6	20	0
CONTIG-083017	95	5	7	17	0
CONTIG-083018	391	71	2	0	192
CONTIG-083019	223	10	2	60	0
CONTIG-083020	195	80	2	0	150
CONTIG-083021	182	5	9	21	3
CONTIG-083022	86	10	9	41	0
CONTIG-083023	204	17	2	2	0
CONTIG-083028	58	6	2	10	0
CONTIG-083029	98	6	7	14	0
CONTIG-083030	126	5	8	15	0
CONTIG-083031	66	5	0	7	0
CONTIG-083032	309	7	4	48	0
CONTIG-083033	106	2	0	10	0
CONTIG-083034	288	13	13	62	0
CONTIG-083035	110	7	11	18	0
CONTIG-083036	191	11	2	54	0
CONTIG-083037	61	8	0	16	0
CONTIG-083038	71	19	8	61	0
CONTIG-083039	153	8	6	31	0
CONTIG-083041	78	4	0	2	3
CONTIG-083042	87	6	0	10	0
CONTIG-083043	193	6	4	41	0

CONTIG-083044	116	8	5	36	0
CONTIG-083045	173	5	0	33	0
CONTIG-083047	65	7	0	0	0
CONTIG-083048	103	5	0	10	0
CONTIG-083049	61	6	3	5	0
CONTIG-083050	111	7	0	31	2
CONTIG-083051	88	6	2	14	0
CONTIG-083052	220	6	2	46	0
CONTIG-083053	112	6	9	12	0
CONTIG-083058	260	5	2	71	0
CONTIG-083059	120	6	7	9	0
CONTIG-083060	219	5	0	23	0
CONTIG-083061	43	21	0	19	0
CONTIG-083062	155	5	0	18	0
CONTIG-083063	159	8	7	21	0
CONTIG-083064	75	8	5	4	0
CONTIG-083065	145	3	0	6	2
CONTIG-083066	69	5	6	6	0
CONTIG-083067	157	14	14	42	0
CONTIG-083068	94	6	2	21	0
CONTIG-083069	74	5	0	7	0
CONTIG-083077	39	41	4	38	0
CONTIG-083078	63	5	5	5	0
CONTIG-083079	675	16	22	225	21
CONTIG-083080	66	6	0	0	4
CONTIG-083081	135	10	6	40	0
CONTIG-083082	69	22	4	20	0
CONTIG-083083	249	10	3	71	2
CONTIG-083084	73	4	0	8	0
CONTIG-083087	67	33	6	71	0
CONTIG-083088	102	5	0	20	0
CONTIG-083089	116	5	0	15	0
CONTIG-083090	81	5	4	9	0
CONTIG-083092	217	16	0	113	0
CONTIG-083093	183	18	13	26	0
CONTIG-083094	53	13	9	18	0
CONTIG-083097	83	4	2	5	0
CONTIG-083098	96	3	2	0	0
CONTIG-083099	675	18	10	742	0
CONTIG-083100	72	7	6	15	0
CONTIG-083101	67	4	0	0	0
CONTIG-083102	77	7	7	9	0
CONTIG-083103	141	3	0	0	2
CONTIG-083104	71	10	8	23	0
CONTIG-083105	82	7	0	15	0
CONTIG-083107	100	6	9	21	0
CONTIG-083114	125	6	4	21	0

CONTIG-083115	237	5	0	21	0
CONTIG-083116	450	6	12	60	4
CONTIG-083117	72	3	0	5	0
CONTIG-083118	69	9	4	26	2
CONTIG-083119	157	7	2	13	0
CONTIG-083120	157	5	2	0	2
CONTIG-083121	71	6	0	16	0
CONTIG-083122	86	5	6	8	0
CONTIG-083123	117	6	4	21	0
CONTIG-083125	173	7	6	21	0
CONTIG-083126	280	45	0	0	97
CONTIG-083127	429	18	0	0	127
CONTIG-083128	96	4	2	11	0
CONTIG-083129	78	3	0	2	0
CONTIG-083131	56	64	2	0	11
CONTIG-083132	85	7	2	25	0
CONTIG-083133	221	5	5	22	0
CONTIG-083134	171	9	2	52	0
CONTIG-083136	86	20	7	32	0
CONTIG-083137	251	8	0	59	0
CONTIG-083138	95	8	7	18	0
CONTIG-083140	148	6	2	33	0
CONTIG-083141	173	5	4	0	0
CONTIG-083142	121	16	18	93	0
CONTIG-083143	139	16	10	31	0
CONTIG-083144	124	6	6	28	0
CONTIG-083145	59	12	2	21	0
CONTIG-083146	76	4	0	0	2
CONTIG-083147	213	7	11	60	0
CONTIG-083148	127	14	14	4	0
CONTIG-083149	257	11	20	105	0
CONTIG-083150	69	3	8	0	0
CONTIG-083151	102	10	5	26	0
CONTIG-083152	345	11	12	148	0
CONTIG-083153	69	10	17	4	0
CONTIG-083154	106	6	2	17	0
CONTIG-083155	87	37	5	131	0
CONTIG-083156	202	4	2	16	0
CONTIG-083157	75	6	0	7	0
CONTIG-083158	58	15	2	0	0
CONTIG-083159	74	3	2	0	0
CONTIG-083160	559	18	36	402	0
CONTIG-083161	79	7	9	16	0
CONTIG-083162	109	4	8	2	0
CONTIG-083163	162	8	6	57	0
CONTIG-083164	111	10	7	7	0
CONTIG-083165	79	9	5	20	0

CONTIG-083166	172	4	2	17	0
CONTIG-083167	94	4	0	9	0
CONTIG-083168	61	6	3	4	0
CONTIG-083169	147	25	5	7	0
CONTIG-083170	66	3	5	2	0
CONTIG-083171	117	5	0	22	0
CONTIG-083172	73	6	11	12	0
CONTIG-083173	115	4	2	9	0
CONTIG-083174	71	4	2	8	0
CONTIG-083175	142	8	2	38	0
CONTIG-083177	81	6	2	12	0
CONTIG-083178	67	7	5	14	0
CONTIG-083179	64	9	4	0	2
CONTIG-083180	69	2	2	4	0
CONTIG-083181	230	6	3	42	0
CONTIG-083182	112	3	4	4	0
CONTIG-083183	135	7	7	35	0
CONTIG-083185	74	25	6	97	0
CONTIG-083186	353	21	13	334	0
CONTIG-083187	59	5	5	4	0
CONTIG-083188	103	5	4	12	0
CONTIG-083189	86	6	5	11	0
CONTIG-083190	60	5	2	6	0
CONTIG-083191	72	6	14	7	0
CONTIG-083192	125	4	5	8	0
CONTIG-083193	109	12	4	36	0
CONTIG-083194	74	10	2	22	0
CONTIG-083195	101	3	0	4	0
CONTIG-083196	159	7	5	4	3
CONTIG-083197	64	7	20	8	0
CONTIG-083198	91	4	2	6	0
CONTIG-083199	101	12	12	23	0
CONTIG-083200	79	7	2	27	0
CONTIG-083203	97	8	4	11	0
CONTIG-083204	132	5	2	8	0
CONTIG-083205	138	8	6	40	0
CONTIG-083206	79	6	8	14	0
CONTIG-083207	151	7	7	41	0
CONTIG-083208	188	5	2	20	0
CONTIG-083209	388	19	8	163	4
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CONTIG-083211	117	5	5	11	0
CONTIG-083212	66	8	7	7	0
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CONTIG-083216	58	5	0	8	0
CONTIG-083217	128	12	5	77	0

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CONTIG-083219	133	10	0	41	0
CONTIG-083220	76	4	4	6	0
CONTIG-083221	246	7	5	51	0
CONTIG-083222	73	7	11	13	0
CONTIG-083223	351	7	18	47	0
CONTIG-083224	95	7	0	7	0
CONTIG-083225	61	3	0	6	0
CONTIG-083226	58	4	3	3	0
CONTIG-083227	136	7	0	20	0
CONTIG-083228	165	16	14	40	0
CONTIG-083229	101	12	4	14	0
CONTIG-083230	299	9	0	85	0
CONTIG-083231	74	8	4	5	0
CONTIG-083236	85	7	0	12	0
CONTIG-083237	94	11	4	32	0
CONTIG-083238	126	3	0	2	0
CONTIG-083240	59	6	2	2	0

length of the contigs and the coverage and the raw counts of the sequences from six libraries that mat

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0	1576	2	PITG_15727
0	935	1255	PITG_09552
0	288	81	PITG_03095
2	3730	284	PITG_10263
2	1121	1851	PITG_03477
0	145	95	PITG_01342
0	56	14	PITG_09291
5	332	769	PITG_22670
2	2	0	NA
0	1038	796	PITG_12745
0	70	34	PITG_00697
0	2017	3672	PITG_07328
0	2059	952	PITG_14850
0	67	4	PITG_11133
0	7197	1671	PITG_11766
0	9	4	PITG_06996
0	12	2	NA
0	748	280	PITG_08462
65	8	40	NA
0	1723	1194	PITG_19121
2	5063	1814	PITG_19999
0	392	78	NA
0	341	584	PITG_01086
0	405	167	PITG_03695
0	3	2	PITG_01154
0	212	71	PITG_00625
0	139	119	PITG_13341
0	17	0	PITG_05611
0	4	0	PITG_03356
0	1478	889	PITG_04487
0	508	277	PITG_03020
0	40	32	PITG_13620
0	266	262	PITG_03695
0	56	2	NA
0	34	16	PITG_10153
0	363	126	NA
0	342	20	PITG_10373
0	2456	2784	PITG_13371
0	633	214	PITG_11712
0	565	385	PITG_08311

0	345	1308 PITG_20901
0	482	43 PITG_16966
0	81	0 PITG_00486
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0	4	6 PITG_05614
0	209	24 PITG_13307
0	2	2 NA
2	208	1112 PITG_13699
0	528	1105 PITG_11766
0	218	22 PITG_14581
0	11	4 PITG_17359
0	5	6 PITG_00829
0	26	20 PITG_15146
0	526	34 PITG_22416
0	0	2 PITG_10372
0	0	0 PITG_18845
0	0	0 PITG_19399
0	161	41 PITG_02809
0	28	9 PITG_11259
0	22	29 PITG_06129
4	496	1675 PITG_10032
2	326	1283 PITG_12286
0	107	71 PITG_06012
0	0	4 PITG_02950
0	101	63 PITG_20400
0	49	23 PITG_12277
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0	185	60 PITG_13396
0	43	55 NA
0	22	14 PITG_23282
0	9	0 PITG_14911
0	116	141 PITG_06602
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0	4	0 PITG_09910
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0	479	49 PITG_05577
0	3191	233 PITG_10202
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0	179	143 NA
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0	288	105 PITG_16798
0	58	23 PITG_15981
0	19	20 PITG_00732
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0	1854	2628 PITG_15407
0	53	10 PITG_10417
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0	154	108 PITG_13373
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0	871	768 PITG_02068
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0	599	83 PITG_11610
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0	89	173 PITG_02695
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2	557	872 PITG_09563
2	3357	2763 PITG_18774
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0	29	32 PITG_06759
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0	145	30 PITG_17117
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0	74	23 PITG_16468
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0	215	213 PITG_00451
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0	174	242 PITG_21517
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ched to each contigs. The last column contains the PITG gene number from the *P. infestans* database

that matched to the contigs.